FCC RADIO TEST REPORT

FCC ID	:	Z8H89FT0035
Equipment	:	cnPilot E410 Indoor
Brand Name	:	Cambium Networks
Model Name	:	cnPilot E410 Indoor
Applicant	:	Cambium Networks Inc. 3800 Golf Road, Suite 360 Rolling Meadows, IL 60008, USA
Manufacturer	:	Cambium Networks, Ltd. Ashburton, TQ13 7UP, UK
Standard	:	47 CFR FCC Part 15.407

The product was received on Jul. 12, 2017, and testing was started from Jul. 12, 2017 and completed on May 07, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

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

Approved by: Sam Chen

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

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History of this test report

Report No.	Version	Description	Issued Date
FR721427-06	01	Initial issue of report	Jul. 29, 2019

Summary of Test Result

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

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

Reviewed by: Sam Chen

Report Producer: Viola Huang

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.15-5.25GHz	802.11n HT20	20	2TX
5.15-5.25GHz	802.11n HT20-BF	20	2TX
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11ac VHT20-BF	20	2TX
5.15-5.25GHz	802.11n HT40	40	2TX
5.15-5.25GHz	802.11n HT40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.15-5.25GHz	802.11ac VHT40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.25-5.35GHz	802.11a	20	2TX
5.25-5.35GHz	802.11n HT20	20	2TX
5.25-5.35GHz	802.11n HT20-BF	20	2TX
5.25-5.35GHz	802.11ac VHT20	20	2TX
5.25-5.35GHz	802.11ac VHT20-BF	20	2TX
5.25-5.35GHz	802.11n HT40	40	2TX
5.25-5.35GHz	802.11n HT40-BF	40	2TX
5.25-5.35GHz	802.11ac VHT40	40	2TX
5.25-5.35GHz	802.11ac VHT40-BF	40	2TX
5.47-5.725GHz	802.11a	20	2TX
5.47-5.725GHz	802.11n HT20	20	2TX
5.47-5.725GHz	802.11n HT20-BF	20	2TX
5.47-5.725GHz	802.11ac VHT20	20	2TX
5.47-5.725GHz	802.11ac VHT20-BF	20	2TX
5.47-5.725GHz	802.11n HT40	40	2TX
5.47-5.725GHz	802.11n HT40-BF	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11n HT20-BF	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ac VHT20-BF	20	2TX

5.725-5.85GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11n HT40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ac VHT80-BF	80	2TX

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	Accton	120G00000168A	PIFA Antenna	I-PEX	Note 1
2	Accton	120G00000168A	PIFA Antenna	I-PEX	

Note 1:

Ant.	Gain (dBi)				
	2.4GHz	5GHz Band 1	5GHz Band 2	5GHz Band 3	5GHz Band 4
1	4.38	4.54	5.00	5.00	5.47
2	5.24	5.32	5.00	5.00	4.72

Note 2: The above information was declared by manufacturer.

Note 3: The EUT has two antennas.

Ant.1 = port 1, Ant.2 = port 2

For 2.4GHz WLAN function

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

Ant. 1(Port 1) and Ant. 2(Port 2) could transmit/receive simultaneously.

For 5GHz WLAN function

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

Ant. 1(Port 1) and Ant. 2(Port 2) could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

For 5G B1, B4

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ac VHT20-BF	0.893	0.491	1.823m	1k
802.11ac VHT40-BF	0.927	0.329	1.758m	1k
802.11ac VHT80-BF	0.915	0.386	2.012m	1k

For 5G B2~B3

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.965	0.15	2.068m	1k
802.11ac VHT20	0.985	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20-BF	0.957	0.19	1.759m	1k
802.11ac VHT40	0.971	0.13	2.44m	1k
802.11ac VHT40-BF	0.96	0.18	1.694m	1k

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

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☒	With beamforming For 802.11n/ac in 5GHz	☐	Without beamforming
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	QRCT V3.0.187.0			

Note: The above information was declared by manufacturer.

1.1.5 Table for Class III Change

This product is an extension of original one reported under Sporton project number: FR721427-01AB

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

Modifications	Description
1. Adding 5 GHz Band 2 and Band 3 (5250~5350MHz, 5470~5725 MHz) for this device only supports 20MHz and 40MHz functions. 2. Adding beamforming function for 5GHz Band 1~ Band 4.	1. Emission Bandwidth 2. Maximum Conducted Output Power 3. Peak Power Spectral Density 4. Unwanted Emissions above 1GHz
3. Updating Manufacturer to “Cambium Networks, Ltd.” and “Ashburton, TQ13 7UP, UK” from “Cambium Networks Inc.” and “3800 Golf Road, Suite 360 Rolling Meadows, IL 60008, USA”	There's no influence in this test report.

1.2 Applicable Standards

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Owen Hsu	Band 1, Band 4:25°C / 55% Band 2~Band 3:21~26°C / 52~61%	Band 1, Band 4: Jul. 13, 2017 Band 2~Band 3: Apr. 18, 2019 ~ May 07, 2019
Radiated	03CH01-CB	Caster Chang	22~24°C / 50~60%	Band 1, Band 4: Jul. 12 , 2017 Band 2~Band 3: Apr. 17, 2019 ~ Apr. 18, 2019

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

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.7 dB	Confidence levels of 95%
Output Power Measurement	1.33 dB	Confidence levels of 95%
Power Density Measurement	1.27 dB	Confidence levels of 95%
Bandwidth Measurement	9.74×10^{-8}	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

For Band 1, Band 4

Mode	Power Setting
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	24
5200MHz	30
5240MHz	30
5745MHz	30
5785MHz	30
5825MHz	30
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	23
5230MHz	30
5755MHz	30
5795MHz	30
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	22
5775MHz	24

For Band 2~Band 3

Mode	PowerSetting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	18.5
5300MHz	18.5
5320MHz	18.5
5500MHz	18.5
5580MHz	18.5
5700MHz	18
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5260MHz	18.5
5300MHz	18.5
5320MHz	18.5
5500MHz	18.5
5580MHz	18.5
5700MHz	18
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5270MHz	20.5
5310MHz	19
5510MHz	19
5550MHz	20.5
5670MHz	20.5
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-
5260MHz	21
5300MHz	21
5320MHz	21
5500MHz	21
5580MHz	21
5700MHz	21
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-
5270MHz	21
5310MHz	21
5510MHz	21
5550MHz	21
5670MHz	21

Note:
- VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.

2.2 The Worst Case Measurement Configuration

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode > 1GHz	CTX
	The EUT was performed at Z axis and Y axis position. The worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.
1	EUT in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA721427-06 for Co-location RF Exposure Evaluation.	

Noted: The PoE below is for measurement only, would not be marked

Support Unit	Brand	Model
PoE 1	Cambium	NET-P15-56IN
PoE 2	Cambium	NBT-P30-56IN

2.3 EUT Operation during Test

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Telnet.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Device and transmit duty cycle no less than 98%.

2.4 Accessories

Accessories
Wall-mounted rack

2.5 Support Equipment

For Radiated (above 1GHz):
(For non-beamforming mode)

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE 1	Cambium	NET-P15-56IN	N/A
B	Notebook	DELL	E4300	N/A

(For beamforming mode)

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE 1	Cambium	NET-P15-56IN	N/A
B	Notebook	DELL	E4300	N/A
C	Notebook	DELL	E4300	N/A
D	Device	Accton	EAP7215A-1016-CAM (E410)	N/A

For RF Conducted:
(For non-beamforming mode)

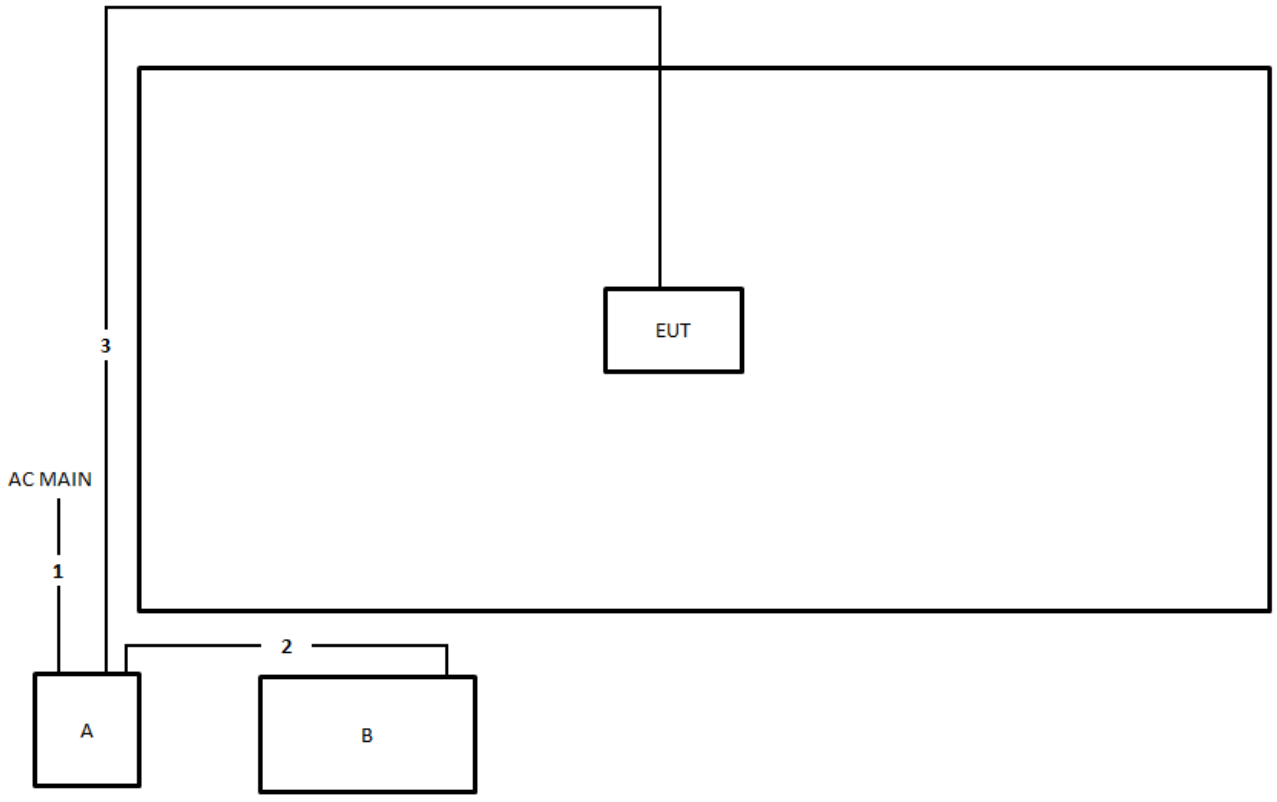
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	PoE 2	Cambium	NBT-P30-56IN	N/A

(For beamforming mode)

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	Client	Cambium	e410	N/A
D	PoE 2	Cambium	NBT-P30-56IN	N/A

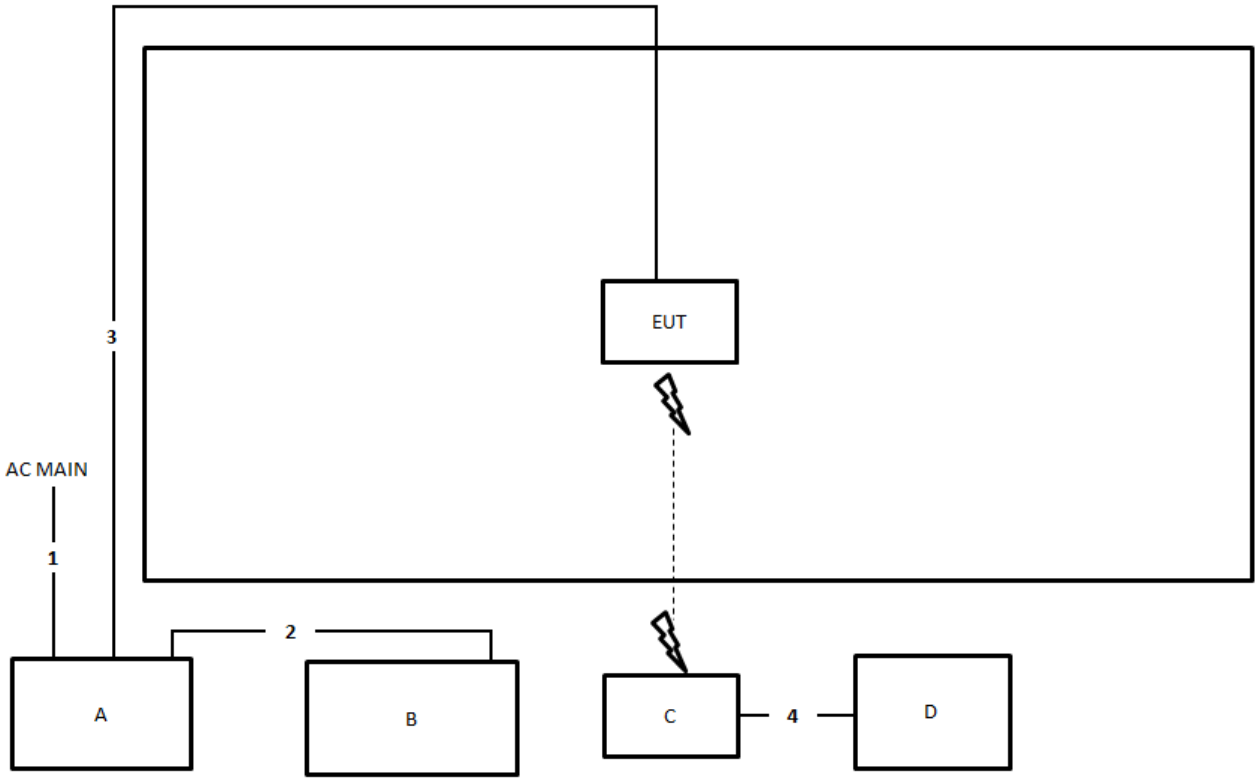
2.6 Test Setup Diagram

Test Setup Diagram - Radiated Test < 1GHz / For non-beamforming mode



Item	Connection	Shielded	Length
1	Power cable	No	0.8m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz / For beamforming mode



Item	Connection	Shielded	Length
1	Power cable	No	0.8m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	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.

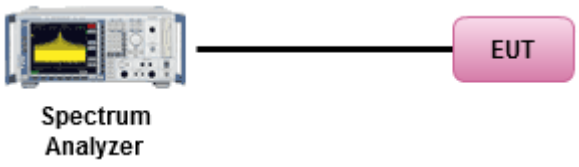
3.1.2 Measuring Instruments

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

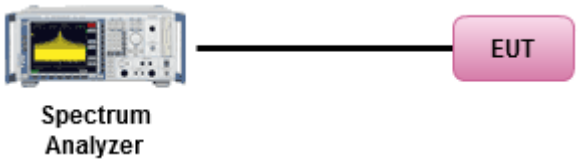
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Power Spectral Density


3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Unwanted Emissions Limit

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

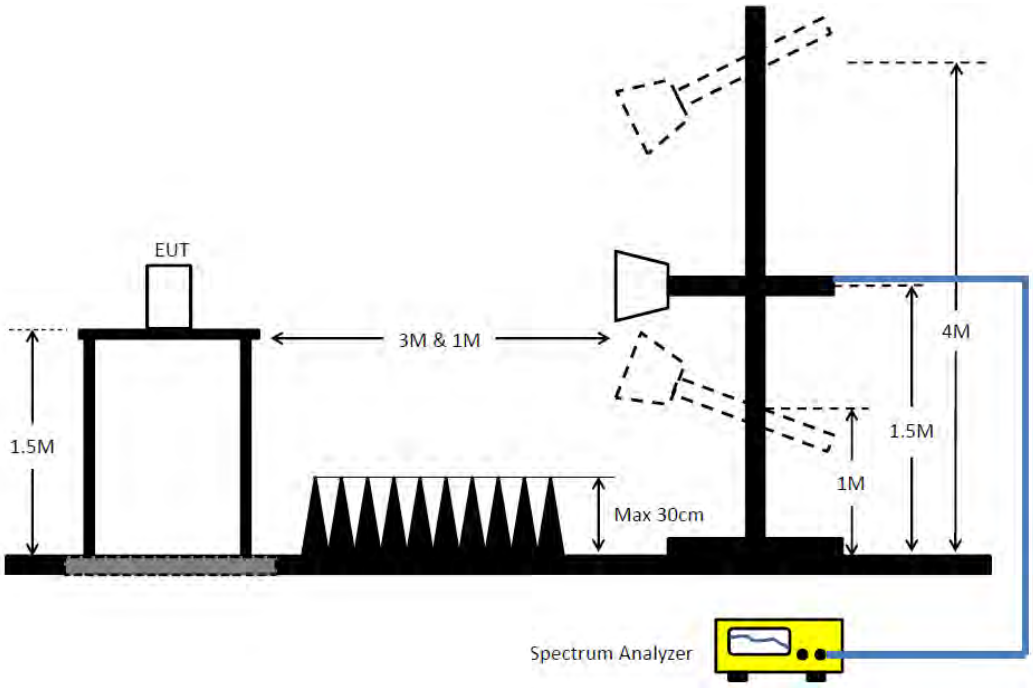
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method		
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).		
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
▪ For the transmitter unwanted emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).
		☒ Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).
		☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒ Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.
		☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
▪ For radiated measurement.		
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
▪ The any unwanted emissions level shall not exceed the fundamental emission level.		
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.		

3.4.4 Test Setup

Above 1GHz



3.4.5 Transmitter Unwanted Emissions (Below 30MHz)

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10 harmonic or 40 GHz, whichever is appropriate.

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 10, 2016	Nov. 09, 2017	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 13, 2018	Nov. 12, 2019	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 05, 2017	Jul. 04, 2018	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 28, 2018	Jun. 27, 2019	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 16, 2017	Jan. 15, 2018	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 08, 2019	Jan. 07, 2020	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 10, 2017	Jul. 09, 2018	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 04, 2018	Jul. 03, 2019	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 22, 2016	Nov. 21, 2017	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Jan. 31, 2019	Jan. 30, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH01-CB)
Test Software	Audix	E3	6.2009-l0-7	N/A	N/A	N/A	Radiation (03CH01-CB)
Spectrum anavlyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 26, 2016	Dec. 27, 2017	Conducted (TH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Feb. 25, 2019	Feb. 24, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-6	1 GHz – 26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-7	1 GHz –26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-8	1 GHz –26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-9	1 GHz –26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-28	1 GHz –26.5 GHz	Nov. 19, 2018	Nov. 18, 2019	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 22, 2016	Oct. 23, 2017	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 05, 2018	Nov. 04, 2019	Conducted (TH01-CB)

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

For Band 1 and Band 4
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	30.525M	17.691M	17M7D1D	21.1M	17.616M
5.725-5.85GHz	17.6M	17.691M	17M7D1D	16.3M	17.566M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	72.2M	36.232M	36M2D1D	39.75M	35.982M
5.725-5.85GHz	35.35M	36.182M	36M2D1D	33.85M	36.082M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	83.6M	75.662M	75M7D1D	83.2M	75.662M
5.725-5.85GHz	76.4M	75.862M	75M9D1D	76.4M	75.662M

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

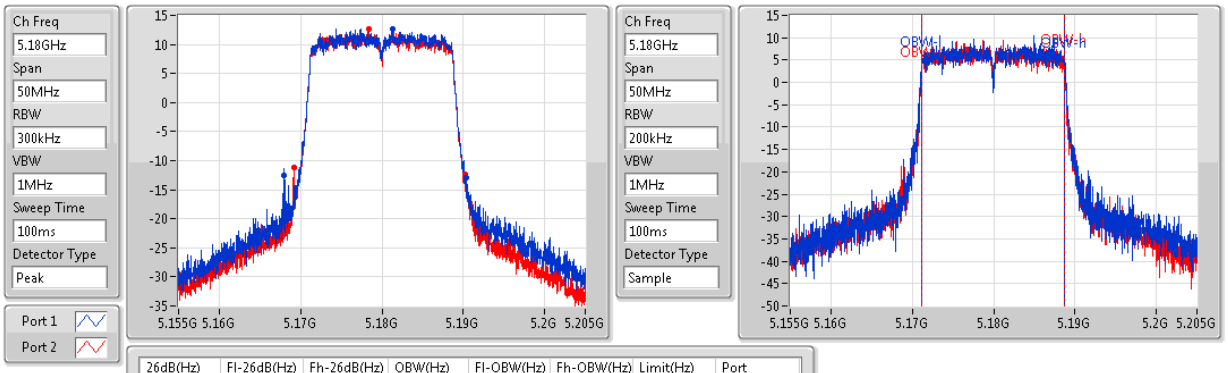
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.45M	17.616M	21.1M	17.616M
5200MHz	Pass	Inf	27M	17.691M	26.425M	17.691M
5240MHz	Pass	Inf	30.525M	17.691M	25.1M	17.691M
5745MHz	Pass	500k	17.275M	17.666M	17.55M	17.666M
5785MHz	Pass	500k	17.15M	17.691M	17.55M	17.641M
5825MHz	Pass	500k	17.6M	17.616M	16.3M	17.566M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.9M	35.982M	39.75M	35.982M
5230MHz	Pass	Inf	58.55M	36.082M	72.2M	36.232M
5755MHz	Pass	500k	35.35M	36.082M	35.05M	36.182M
5795MHz	Pass	500k	35.35M	36.082M	33.85M	36.082M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	83.2M	75.662M	83.6M	75.662M
5775MHz	Pass	500k	76.4M	75.862M	76.4M	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;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

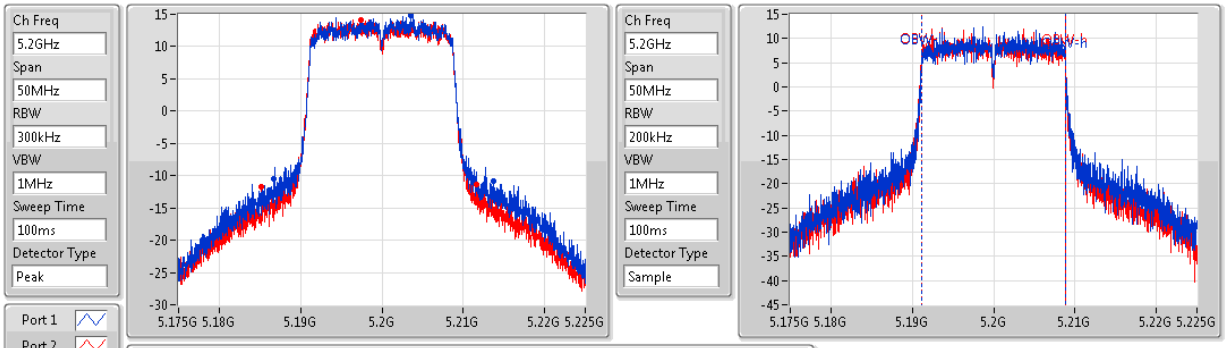
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.45M	5.1679G	5.19035G	17.616M	5.171154G	5.188771G	Inf	1
21.1M	5.16915G	5.19025G	17.616M	5.171129G	5.188746G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

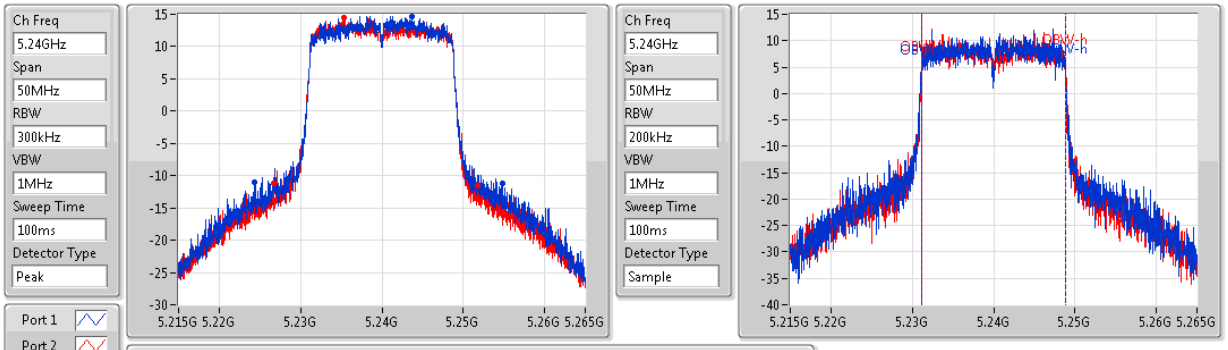
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27M	5.186675G	5.213675G	17.691M	5.191129G	5.208821G	Inf	1
26.425M	5.185175G	5.2116G	17.691M	5.191104G	5.208796G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

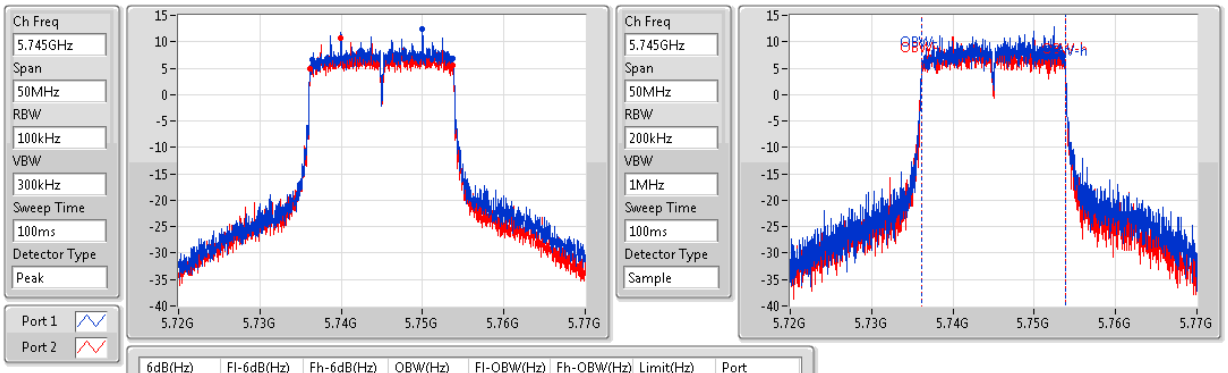
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.525M	5.224375G	5.2549G	17.691M	5.231104G	5.248796G	Inf	1
25.1M	5.2267G	5.2518G	17.691M	5.231104G	5.248796G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

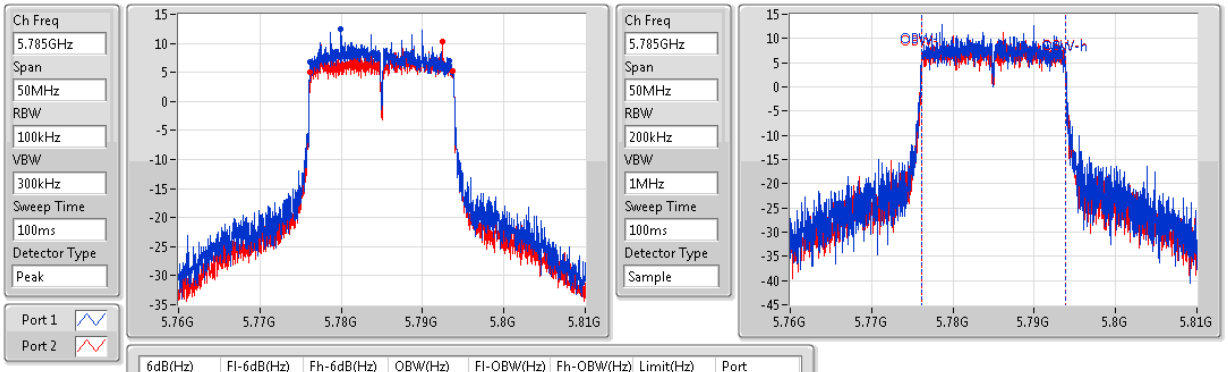
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.275M	5.736475G	5.75375G	17.666M	5.736154G	5.753821G	500k	1
17.55M	5.7362G	5.75375G	17.666M	5.736129G	5.753796G	500k	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

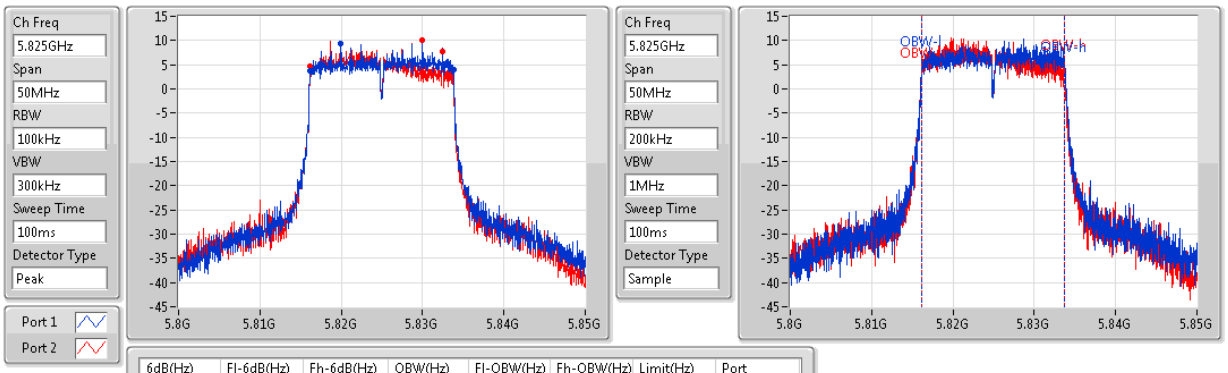
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.15M	5.7762G	5.79335G	17.691M	5.776104G	5.793796G	500k	1
17.55M	5.7762G	5.79375G	17.641M	5.776154G	5.793796G	500k	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

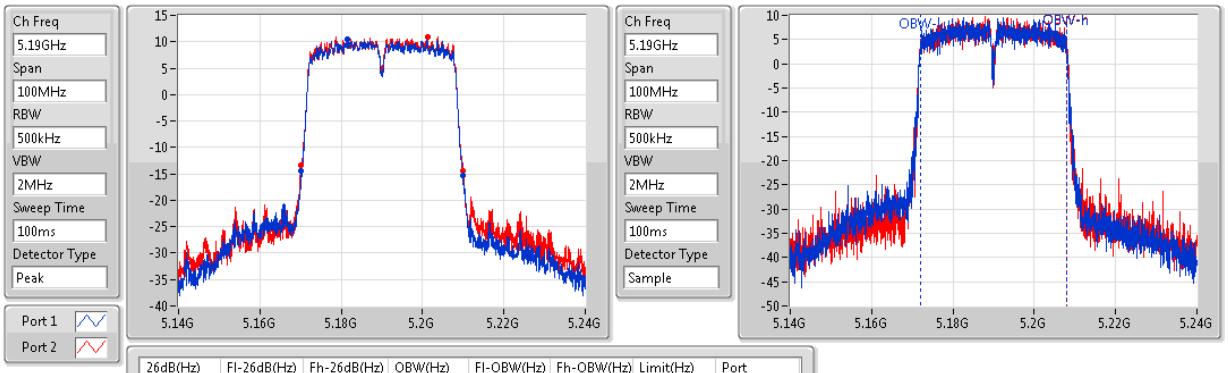
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	5.816175G	5.833775G	17.616M	5.816154G	5.833771G	500k	1
16.3M	5.8162G	5.8325G	17.566M	5.816154G	5.833721G	500k	2

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

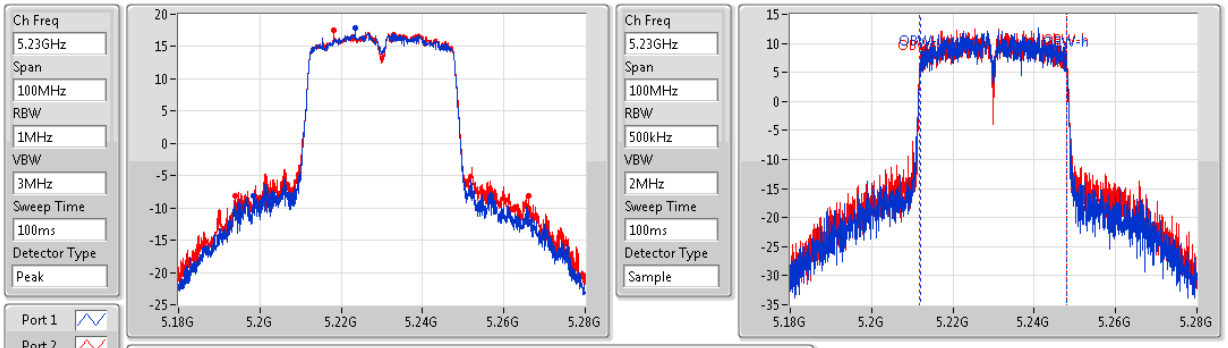
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.17005G	5.20995G	35.982M	5.171959G	5.207941G	Inf	1
39.75M	5.1702G	5.20995G	35.982M	5.171959G	5.207941G	Inf	2

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

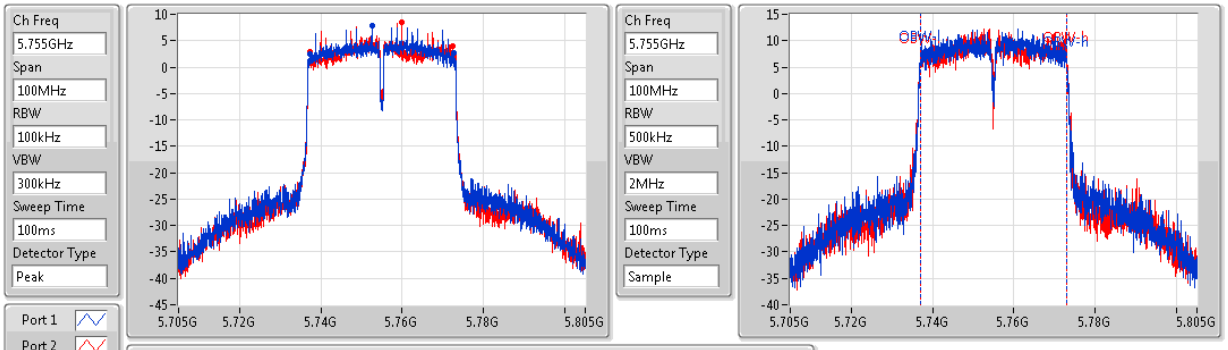
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
58.55M	5.1984G	5.25695G	36.082M	5.211909G	5.247991G	Inf	1
72.2M	5.1938G	5.266G	36.232M	5.211859G	5.248091G	Inf	2

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

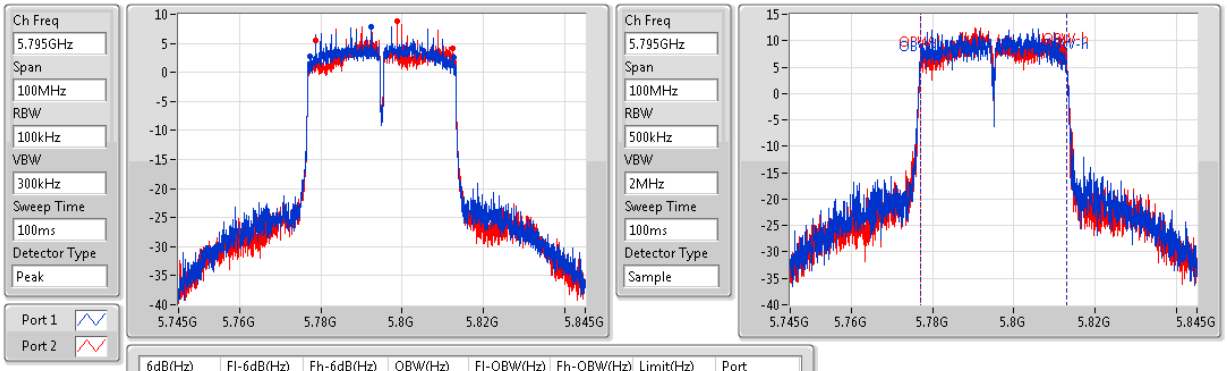
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.35M	5.7372G	5.77255G	36.082M	5.736909G	5.772991G	500k	1
35.05M	5.73745G	5.7725G	36.182M	5.736909G	5.773091G	500k	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX EBW

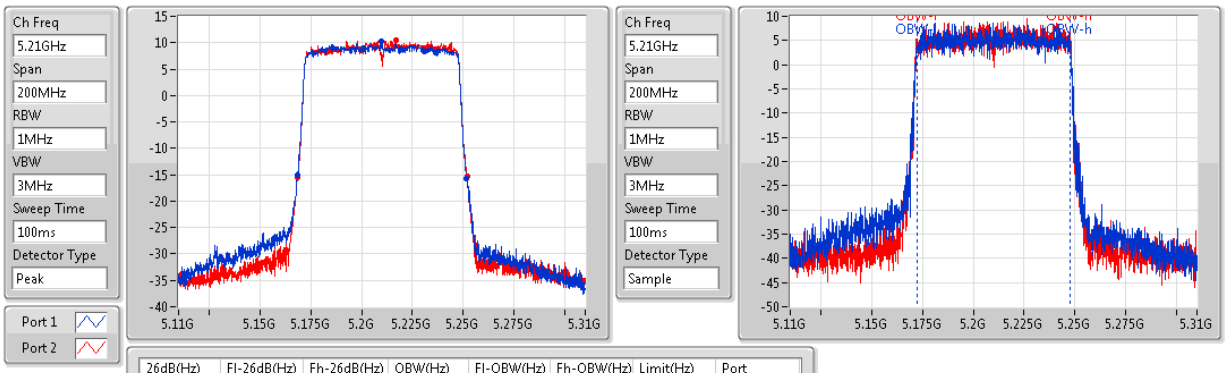
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.35M	5.7772G	5.81255G	36.082M	5.776909G	5.812991G	500k	1
33.85M	5.77865G	5.8125G	36.082M	5.776959G	5.813041G	500k	2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX EBW

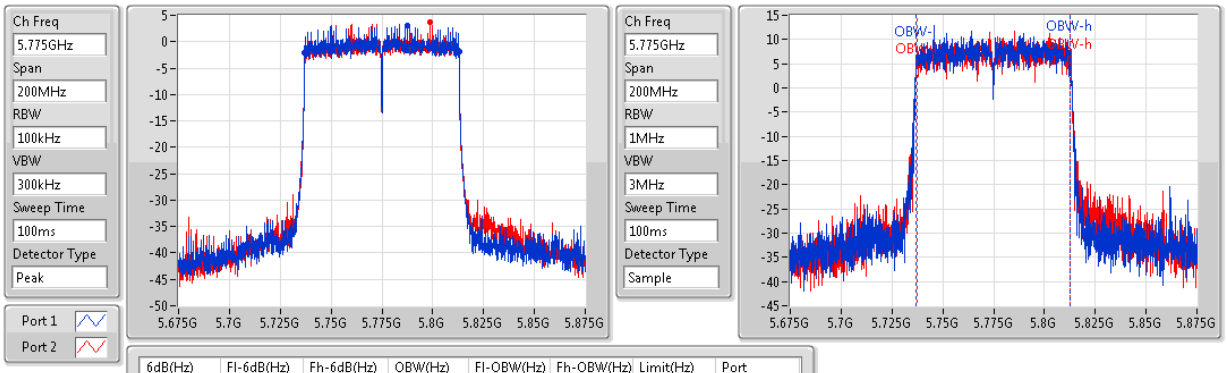
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.2M	5.1684G	5.2516G	75.662M	5.172119G	5.247781G	Inf	1
83.6M	5.1683G	5.2519G	75.662M	5.172119G	5.247781G	Inf	2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX EBW

5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.4M	5.7368G	5.8132G	75.862M	5.737019G	5.812881G	500k	1
76.4M	5.7368G	5.8132G	75.662M	5.737119G	5.812781G	500k	2

For Band 2~Band 3
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.17M	16.402M	16M4D1D	18.9M	16.372M
802.11ac VHT20_Nss1,(MCS0)_2TX	19.98M	17.631M	17M6D1D	19.95M	17.571M
802.11ac VHT40_Nss1,(MCS0)_2TX	39.78M	35.982M	36M0D1D	39.54M	35.862M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.55M	17.721M	17M7D1D	19.68M	17.541M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	38.82M	36.042M	36M0D1D	38.52M	35.682M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.14M	16.432M	16M4D1D	18.63M	16.372M
802.11ac VHT20_Nss1,(MCS0)_2TX	20.34M	17.631M	17M6D1D	19.74M	17.541M
802.11ac VHT40_Nss1,(MCS0)_2TX	39.9M	36.042M	36M0D1D	39.6M	35.922M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.28M	17.631M	17M6D1D	19.74M	17.481M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	39.54M	36.222M	36M2D1D	38.76M	35.262M

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

Result

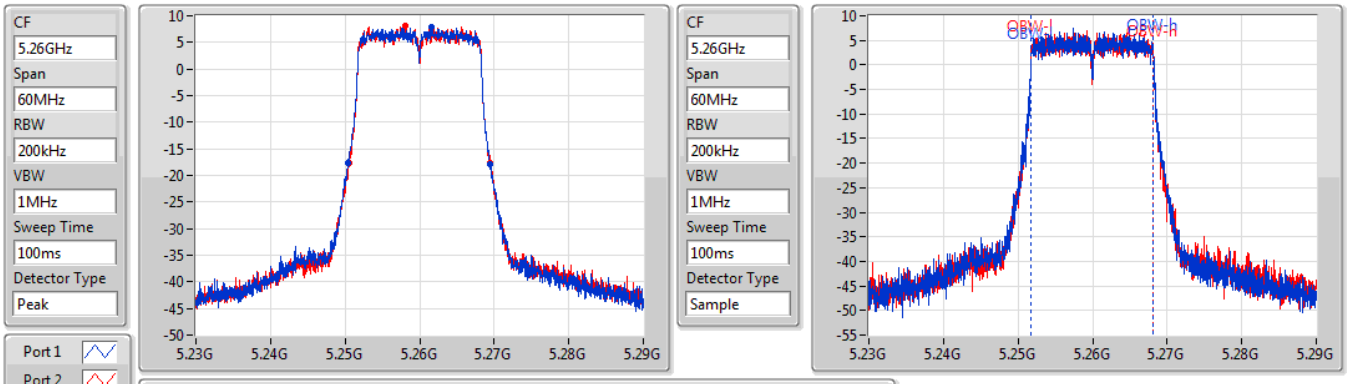
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	19.08M	16.372M	18.9M	16.402M
5300MHz	Pass	Inf	19.05M	16.402M	18.93M	16.402M
5320MHz	Pass	Inf	19.17M	16.372M	18.96M	16.402M
5500MHz	Pass	Inf	19.11M	16.432M	18.87M	16.402M
5580MHz	Pass	Inf	19.05M	16.432M	18.93M	16.402M
5700MHz	Pass	Inf	19.14M	16.372M	18.63M	16.372M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	19.95M	17.601M	19.95M	17.631M
5300MHz	Pass	Inf	19.95M	17.601M	19.95M	17.631M
5320MHz	Pass	Inf	19.98M	17.571M	19.95M	17.601M
5500MHz	Pass	Inf	20.34M	17.631M	19.89M	17.601M
5580MHz	Pass	Inf	20.19M	17.631M	19.95M	17.571M
5700MHz	Pass	Inf	19.98M	17.601M	19.74M	17.541M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	39.54M	35.922M	39.72M	35.982M
5310MHz	Pass	Inf	39.78M	35.982M	39.6M	35.862M
5510MHz	Pass	Inf	39.6M	35.982M	39.66M	35.982M
5550MHz	Pass	Inf	39.6M	35.922M	39.9M	35.982M
5670MHz	Pass	Inf	39.6M	35.922M	39.78M	36.042M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	19.74M	17.571M	19.89M	17.631M
5300MHz	Pass	Inf	20.55M	17.691M	19.68M	17.541M
5320MHz	Pass	Inf	19.86M	17.571M	19.86M	17.721M
5500MHz	Pass	Inf	20.28M	17.571M	20.25M	17.631M
5580MHz	Pass	Inf	19.74M	17.631M	20.07M	17.601M
5700MHz	Pass	Inf	19.89M	17.631M	19.77M	17.481M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	38.52M	35.682M	38.7M	35.802M
5310MHz	Pass	Inf	38.82M	35.682M	38.7M	36.042M
5510MHz	Pass	Inf	38.76M	35.922M	39.12M	36.222M
5550MHz	Pass	Inf	39.18M	35.682M	39.54M	36.162M
5670MHz	Pass	Inf	39.06M	36.102M	38.94M	35.262M

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

802.11a_Nss1,(6Mbps)_2TX EBW

5260MHz

18/04/2019

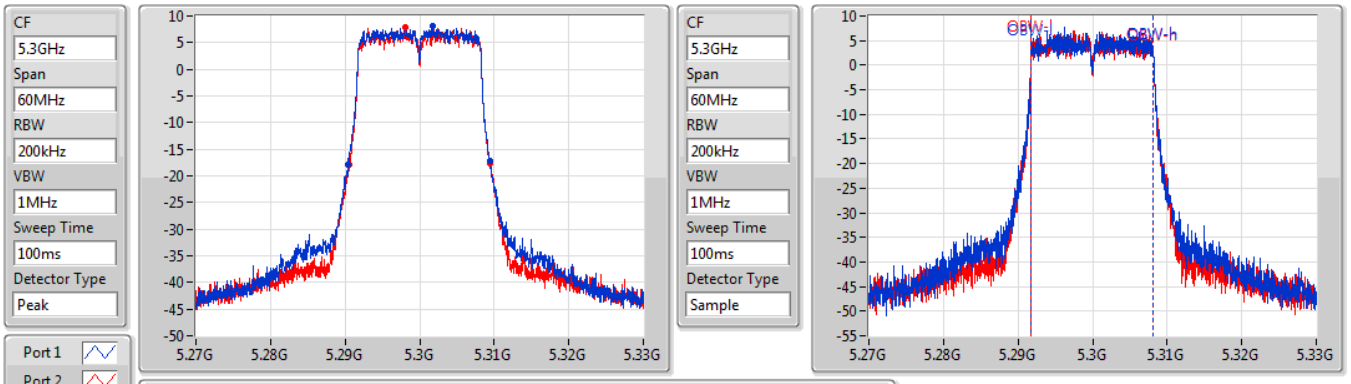


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.08M	5.25037G	5.26945G	16.372M	5.251784G	5.268156G	Inf	1
18.9M	5.25058G	5.26948G	16.402M	5.251784G	5.268186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5300MHz

18/04/2019



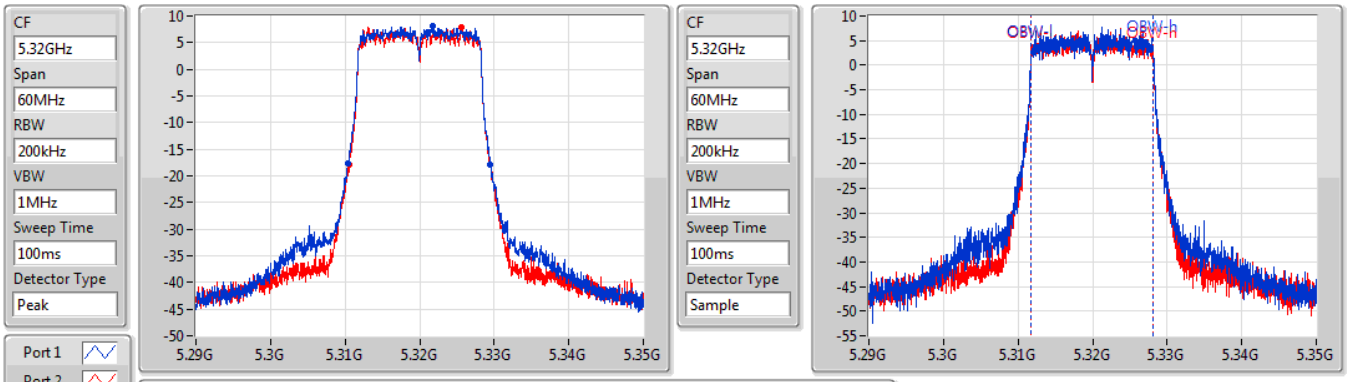
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	5.29034G	5.30939G	16.402M	5.291784G	5.308186G	Inf	1
18.93M	5.29055G	5.30948G	16.402M	5.291784G	5.308186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

18/04/2019



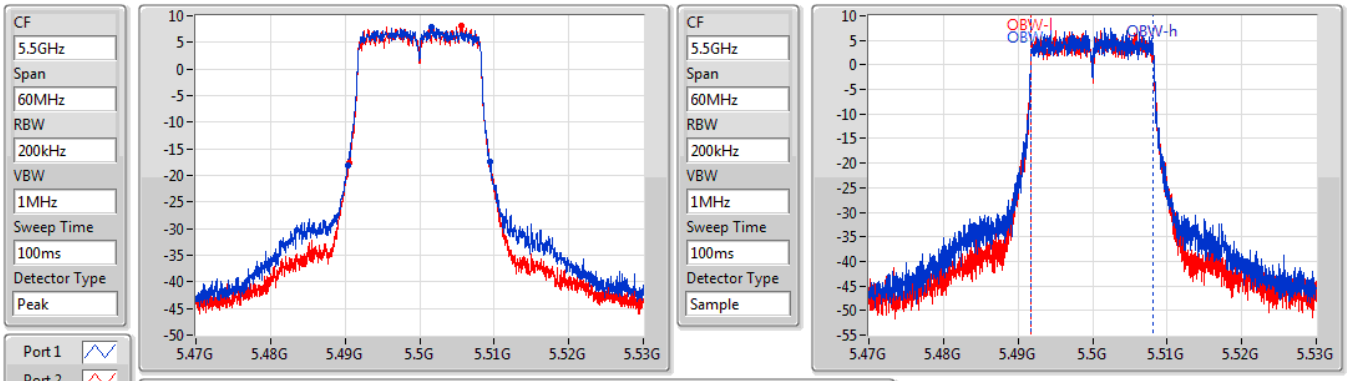
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.17M	5.31034G	5.32951G	16.372M	5.311784G	5.328156G	Inf	1
18.96M	5.31052G	5.32948G	16.402M	5.311784G	5.328186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

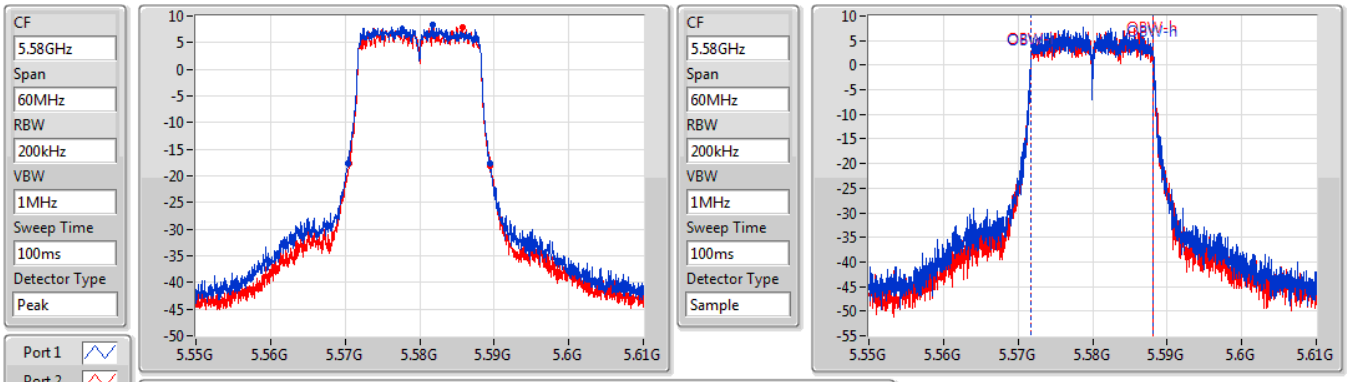
18/04/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.11M	5.49034G	5.50945G	16.432M	5.491754G	5.508186G	Inf	1
18.87M	5.49058G	5.50945G	16.402M	5.491784G	5.508186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX
EBW
5580MHz

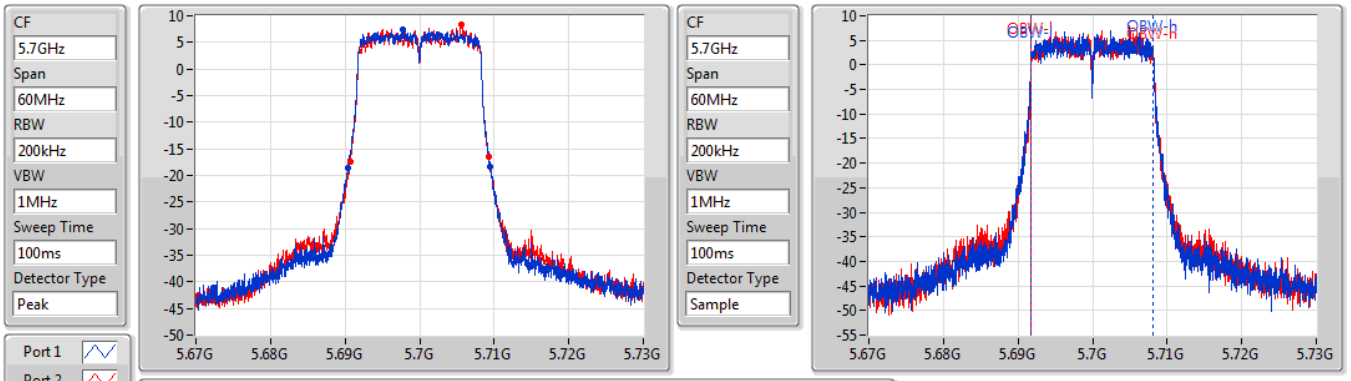
18/04/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	5.57037G	5.58942G	16.432M	5.571754G	5.588186G	Inf	1
18.93M	5.57055G	5.58948G	16.402M	5.571754G	5.588156G	Inf	2

802.11a_Nss1,(6Mbps)_2TX
EBW
5700MHz

18/04/2019



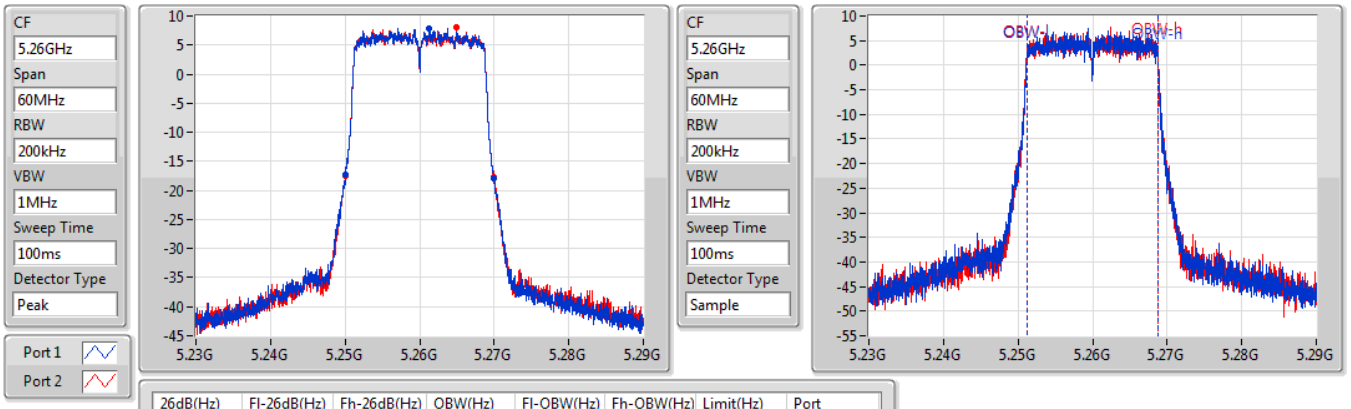
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.14M	5.69037G	5.70951G	16.372M	5.691784G	5.708156G	Inf	1
18.63M	5.69067G	5.7093G	16.372M	5.691784G	5.708156G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5260MHz

18/04/2019



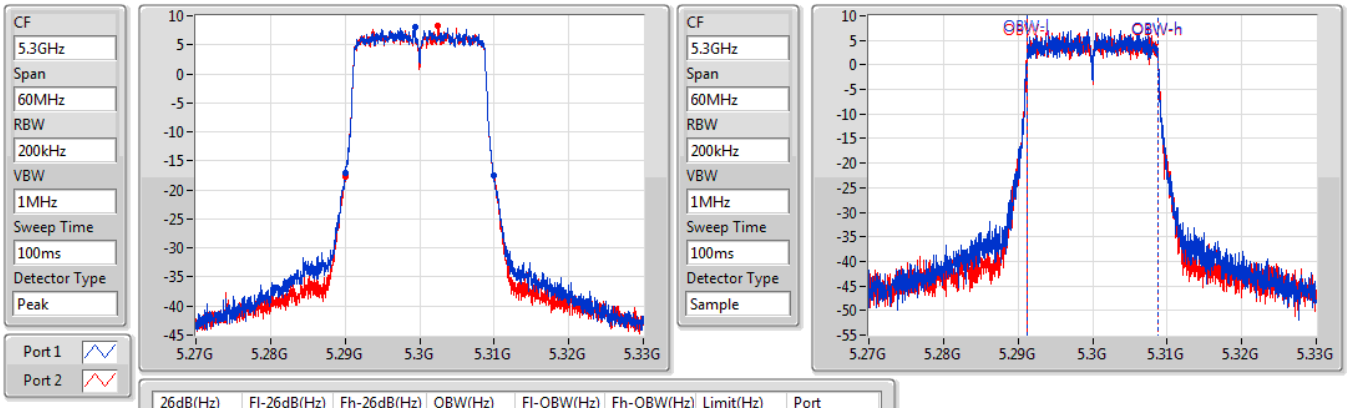
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.95M	5.25001G	5.26996G	17.601M	5.251184G	5.268786G	Inf	1
19.95M	5.25001G	5.26996G	17.631M	5.251154G	5.268786G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5300MHz

18/04/2019



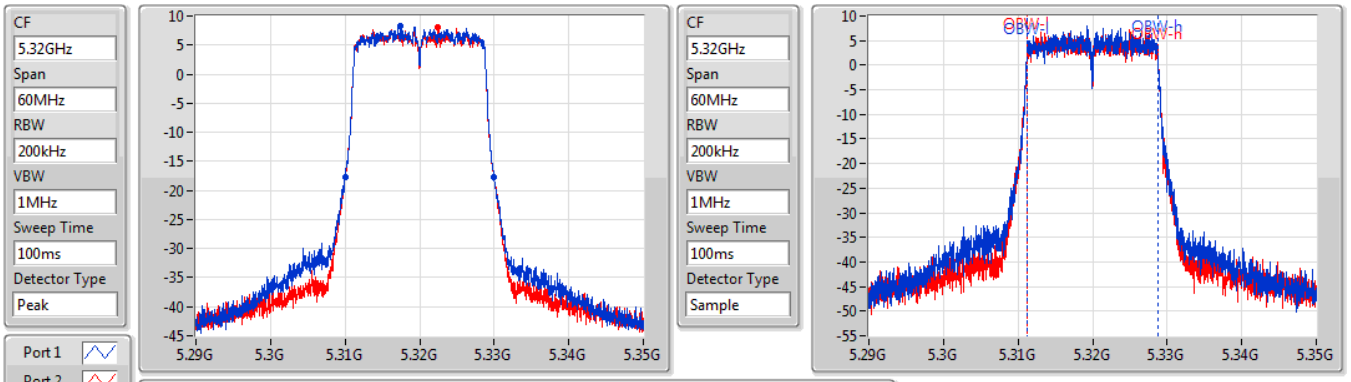
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.95M	5.29001G	5.30996G	17.601M	5.291184G	5.308786G	Inf	1
19.95M	5.29001G	5.30996G	17.631M	5.291154G	5.308786G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5320MHz

18/04/2019



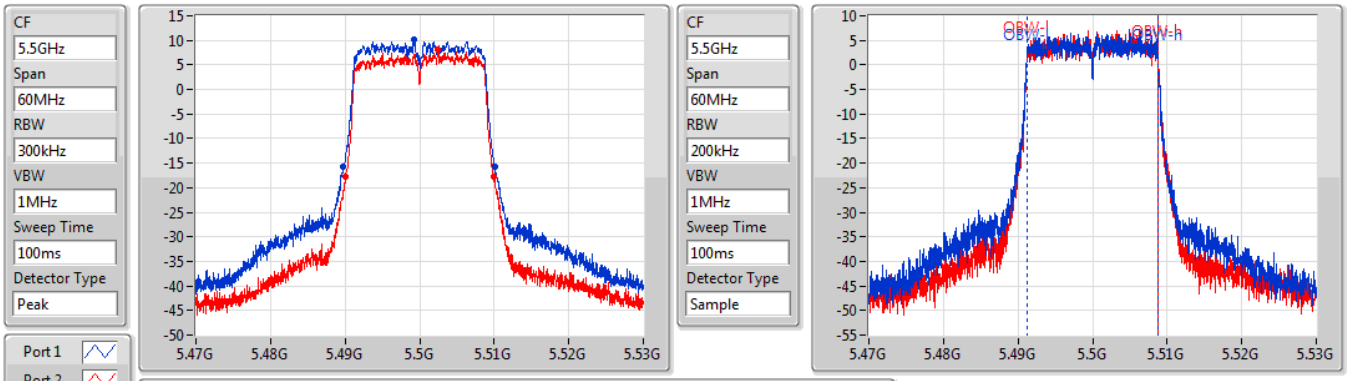
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.98M	5.30998G	5.32996G	17.571M	5.311184G	5.328756G	Inf	1
19.95M	5.31001G	5.32996G	17.601M	5.311184G	5.328786G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5500MHz

18/04/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.34M	5.48974G	5.51008G	17.631M	5.491154G	5.508786G	Inf	1
19.89M	5.49007G	5.50996G	17.601M	5.491184G	5.508786G	Inf	2

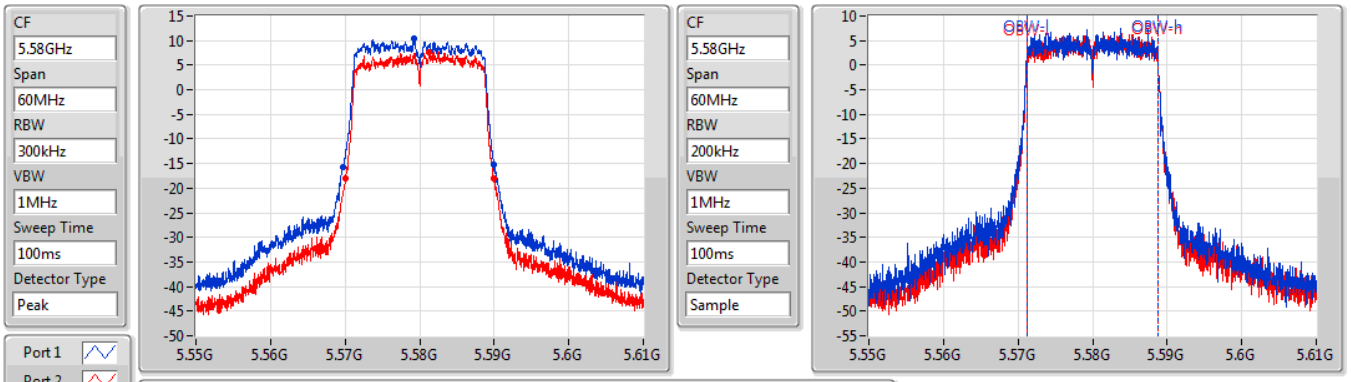
TEL : 886-3-656-9065
FAX : 886-3-656-9085

802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5580MHz

18/04/2019



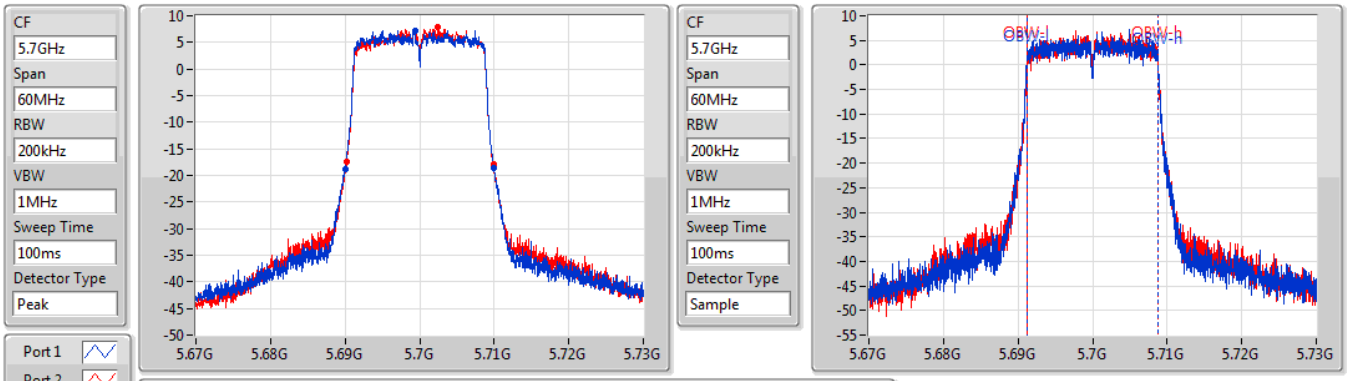
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.19M	5.5698G	5.58999G	17.631M	5.571154G	5.588786G	Inf	1
19.95M	5.57001G	5.58996G	17.571M	5.571214G	5.588786G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5700MHz

18/04/2019

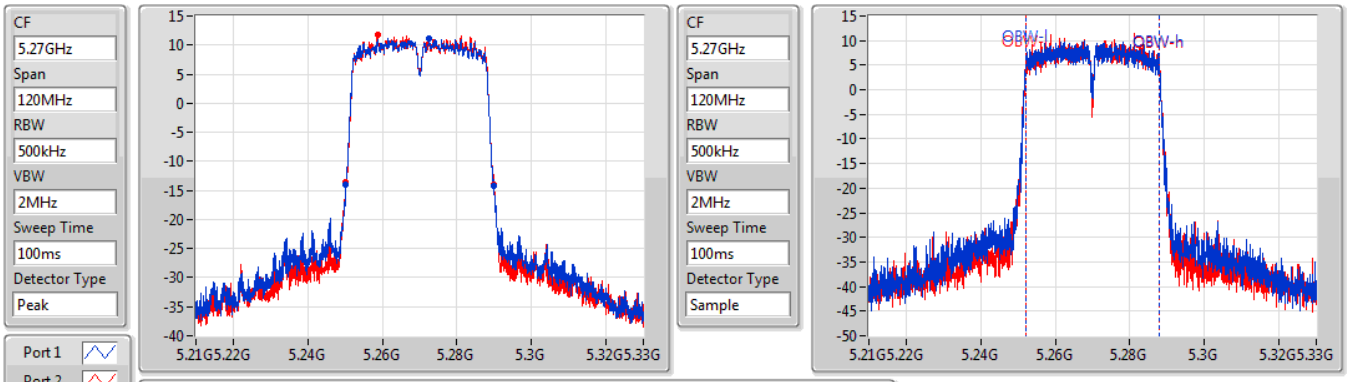


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.98M	5.68998G	5.70996G	17.601M	5.691184G	5.708786G	Inf	1
19.74M	5.69016G	5.7099G	17.541M	5.691214G	5.708756G	Inf	2

TEL : 886-3-656-9065
FAX : 886-3-656-9085

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5270MHz

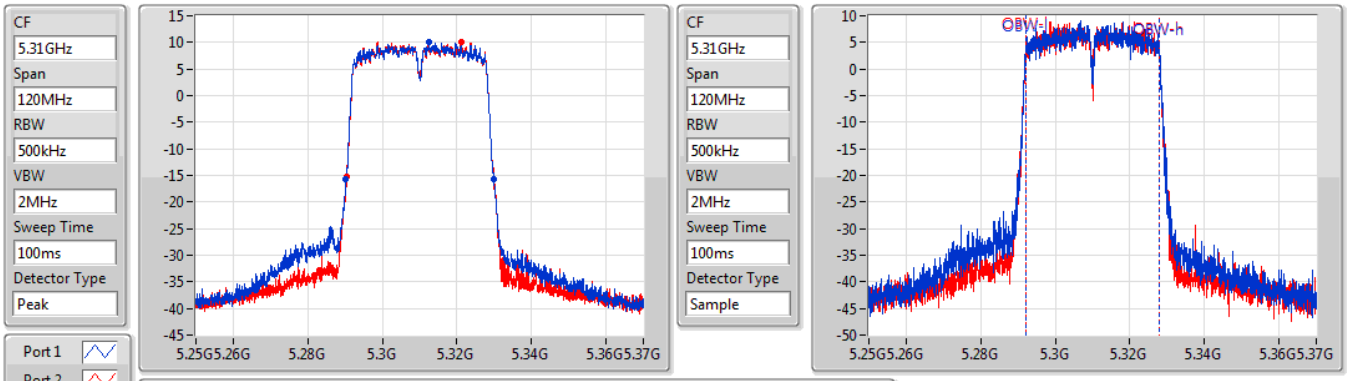
18/04/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.54M	5.25026G	5.2898G	35.922M	5.252009G	5.287931G	Inf	1
39.72M	5.2502G	5.28992G	35.982M	5.252009G	5.287991G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5310MHz

18/04/2019



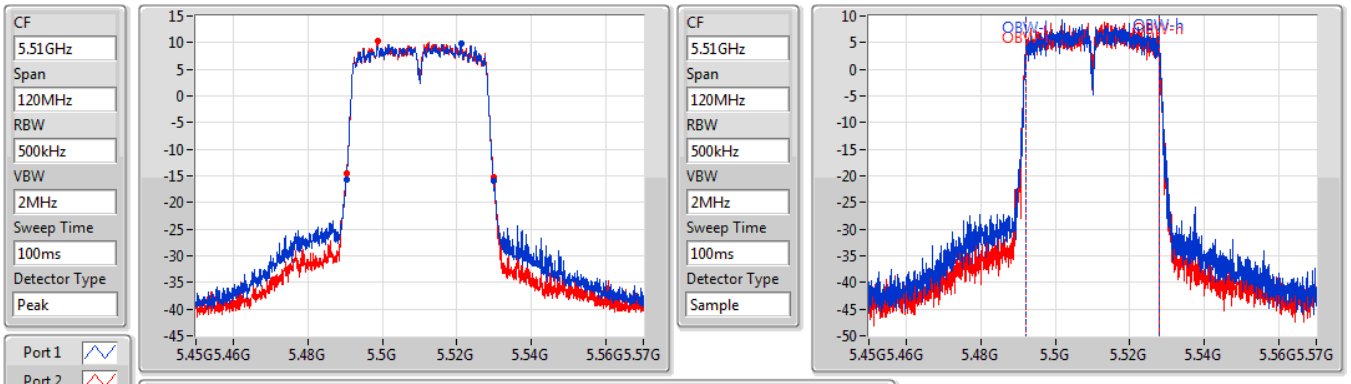
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.78M	5.29014G	5.32992G	35.982M	5.292009G	5.327991G	Inf	1
39.6M	5.29038G	5.32998G	35.862M	5.292069G	5.327931G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5510MHz

18/04/2019



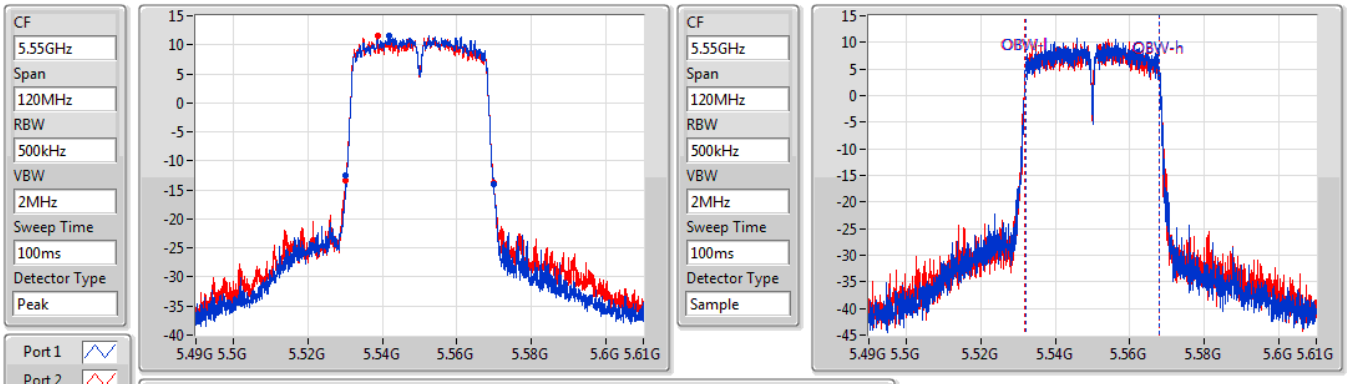
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	5.49032G	5.52992G	35.982M	5.492009G	5.527991G	Inf	1
39.66M	5.49038G	5.53004G	35.982M	5.492009G	5.527991G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5550MHz

18/04/2019



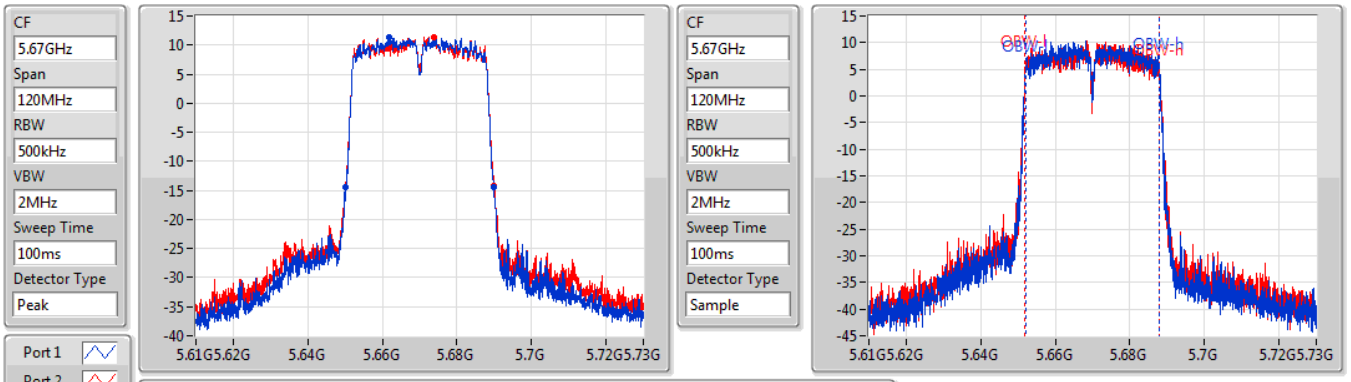
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	5.5302G	5.5698G	35.922M	5.532009G	5.567931G	Inf	1
39.9M	5.53008G	5.56998G	35.982M	5.531949G	5.567931G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5670MHz

18/04/2019



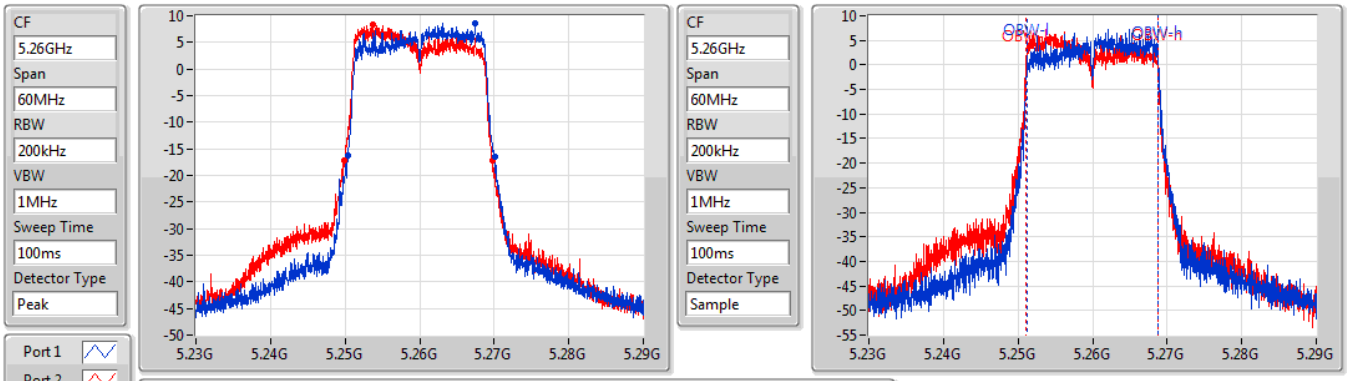
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	5.65026G	5.68986G	35.922M	5.652009G	5.687931G	Inf	1
39.78M	5.65014G	5.68992G	36.042M	5.651949G	5.687991G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5260MHz

25/04/2019



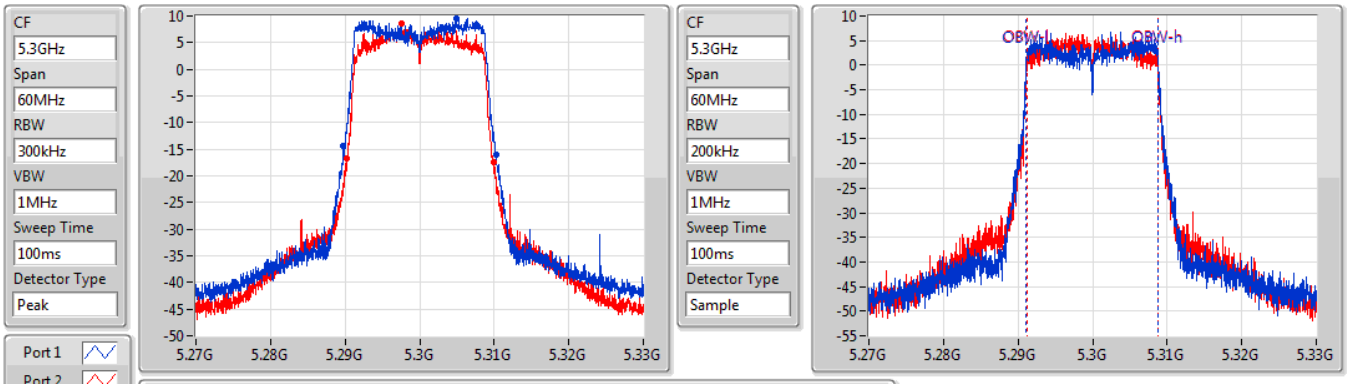
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.74M	5.25031G	5.27005G	17.571M	5.251244G	5.268816G	Inf	1
19.89M	5.24989G	5.26978G	17.631M	5.251094G	5.268726G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5300MHz

25/04/2019



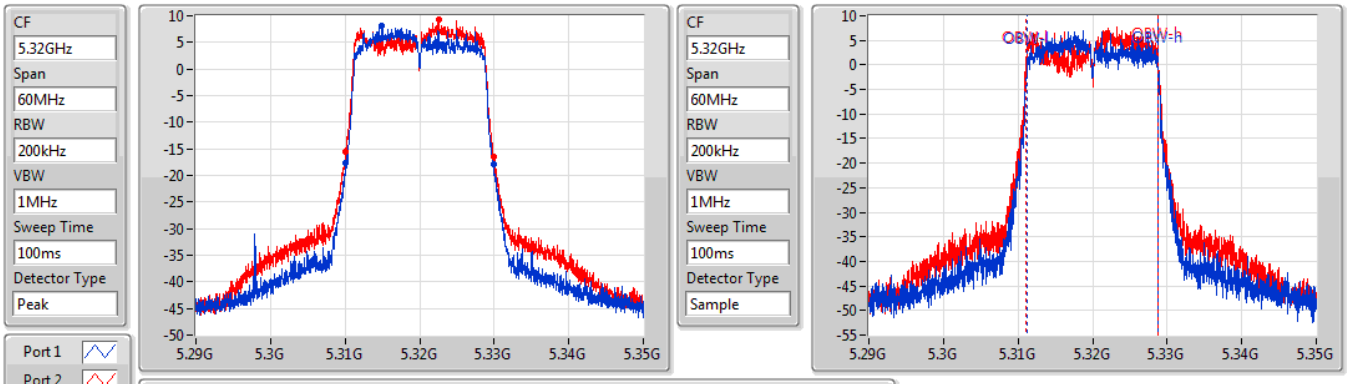
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.55M	5.28971G	5.31026G	17.691M	5.291124G	5.308816G	Inf	1
19.68M	5.29019G	5.30987G	17.541M	5.291214G	5.308756G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5320MHz

25/04/2019



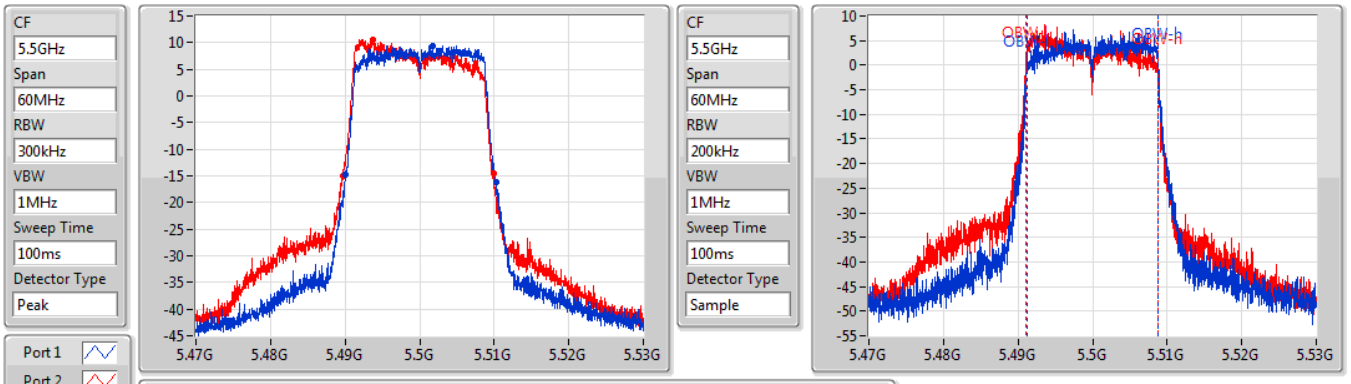
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.86M	5.31001G	5.32987G	17.571M	5.311214G	5.328786G	Inf	1
19.86M	5.31004G	5.3299G	17.721M	5.311094G	5.328816G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5500MHz

25/04/2019



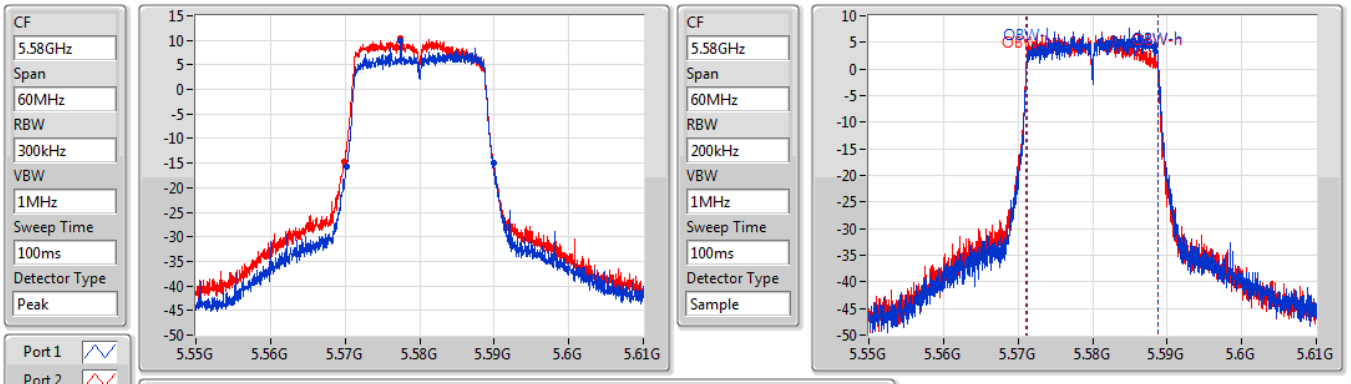
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.28M	5.48998G	5.51026G	17.571M	5.491214G	5.508786G	Inf	1
20.25M	5.48965G	5.5099G	17.631M	5.491064G	5.508696G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5580MHz

25/04/2019



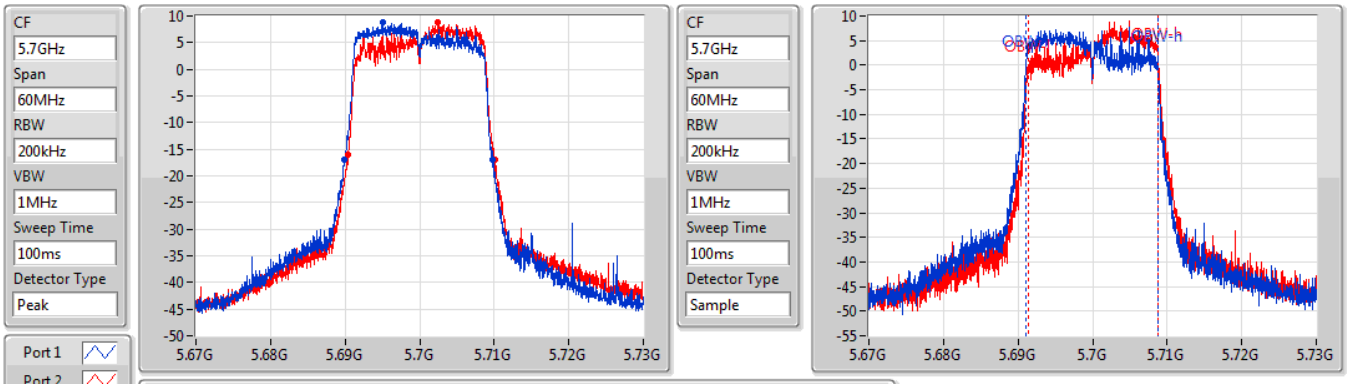
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.74M	5.57022G	5.58996G	17.631M	5.571184G	5.588816G	Inf	1
20.07M	5.56983G	5.5899G	17.601M	5.571124G	5.588726G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5700MHz

25/04/2019



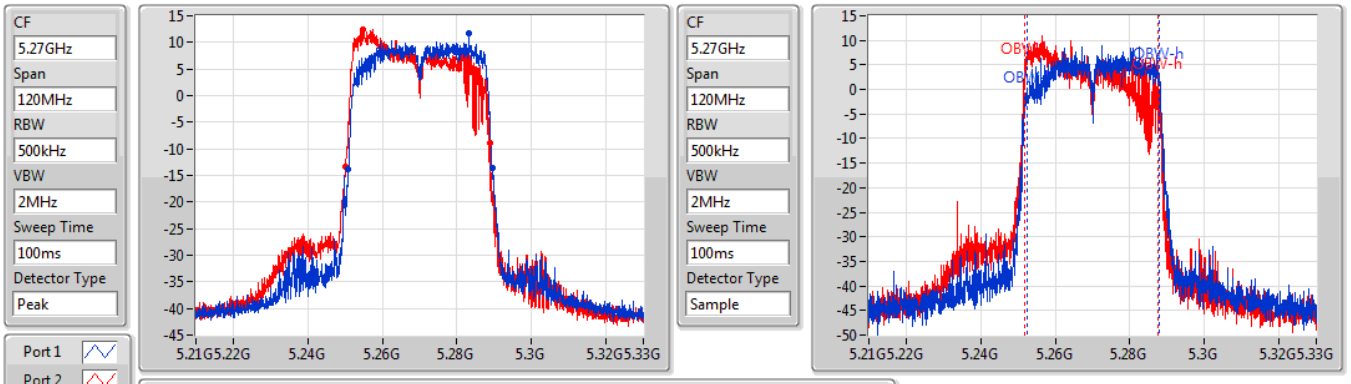
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.89M	5.68989G	5.70978G	17.631M	5.691094G	5.708726G	Inf	1
19.77M	5.69037G	5.71014G	17.481M	5.691334G	5.708816G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5270MHz

25/04/2019



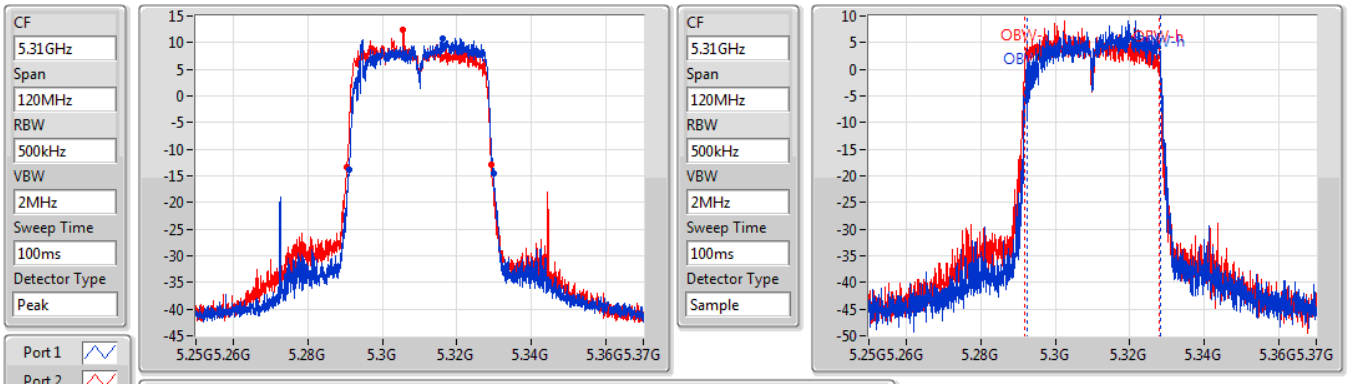
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.52M	5.25092G	5.28944G	35.682M	5.252309G	5.287991G	Inf	1
38.7M	5.25008G	5.28878G	35.802M	5.251709G	5.287511G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5310MHz

25/04/2019



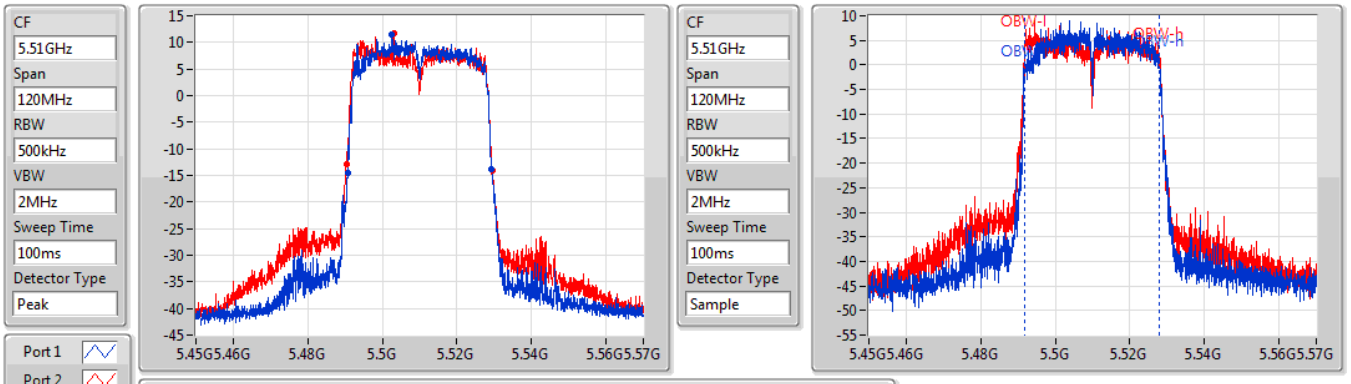
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.82M	5.29098G	5.3298G	35.682M	5.292489G	5.328171G	Inf	1
38.7M	5.29056G	5.32926G	36.042M	5.291889G	5.327931G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5510MHz

25/04/2019



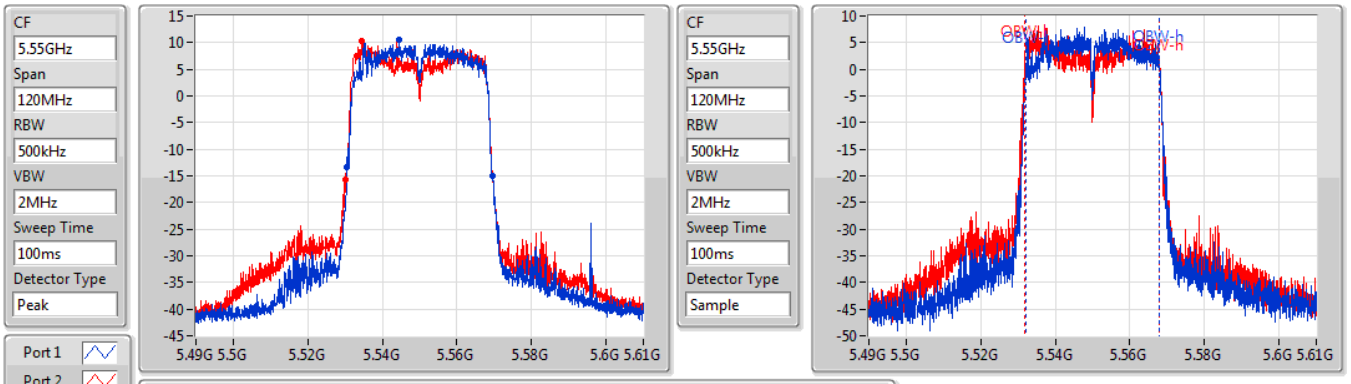
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.76M	5.49062G	5.52938G	35.922M	5.491949G	5.527871G	Inf	1
39.12M	5.49032G	5.52944G	36.222M	5.491769G	5.527991G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5550MHz

25/04/2019



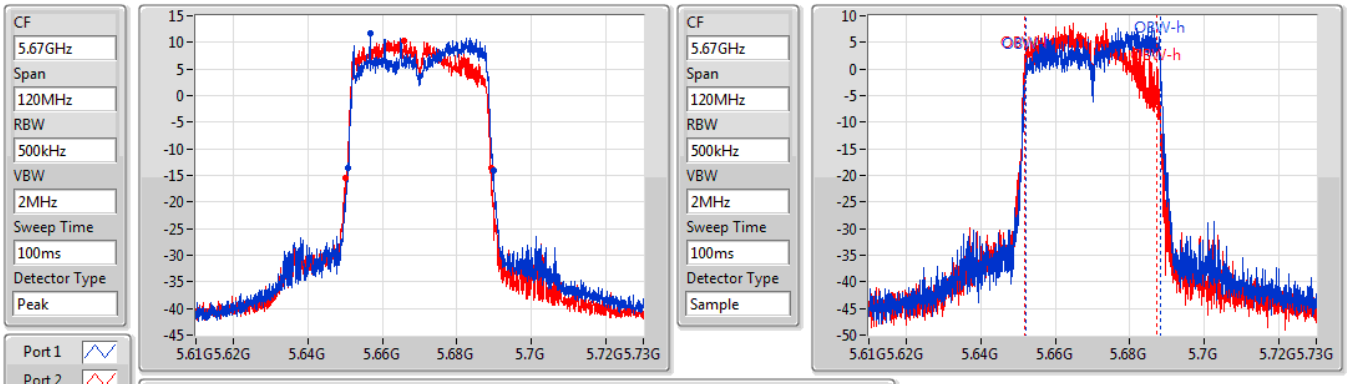
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.18M	5.53038G	5.56956G	35.682M	5.532249G	5.567931G	Inf	1
39.54M	5.53002G	5.56956G	36.162M	5.531829G	5.567991G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5670MHz

25/04/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.06M	5.65074G	5.6898G	36.102M	5.652069G	5.688171G	Inf	1
38.94M	5.65026G	5.6892G	35.262M	5.651829G	5.687091G	Inf	2

For Band 1 and Band 4
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	26.35	0.43152	34.30	2.69153
5.725-5.85GHz	25.24	0.33420	33.35	2.16272
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	26.20	0.41687	34.14	2.59418
5.725-5.85GHz	25.63	0.36559	33.75	2.37137
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	22.25	0.16788	30.20	1.04713
5.725-5.85GHz	23.79	0.23933	31.91	1.55239

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	7.95	21.64	21.48	24.57	28.05
5200MHz	Pass	7.95	23.47	23.21	26.35	28.05
5240MHz	Pass	7.95	23.31	23.32	26.33	28.05
5745MHz	Pass	8.11	22.18	22.27	25.24	27.89
5785MHz	Pass	8.11	21.95	22.25	25.11	27.89
5825MHz	Pass	8.11	22.03	21.85	24.95	27.89
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	7.95	20.32	20.52	23.43	28.05
5230MHz	Pass	7.95	23.16	23.21	26.20	28.05
5755MHz	Pass	8.11	22.63	22.50	25.58	27.89
5795MHz	Pass	8.11	22.75	22.49	25.63	27.89
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	7.95	19.15	19.33	22.25	28.05
5775MHz	Pass	8.11	20.87	20.69	23.79	27.89

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

For Band 2~Band 3
Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.89	0.15453
802.11ac VHT20_Nss1,(MCS0)_2TX	22.14	0.16368
802.11ac VHT40_Nss1,(MCS0)_2TX	23.90	0.24547
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.58	0.14388
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.34	0.13614
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.69	0.14757
802.11ac VHT20_Nss1,(MCS0)_2TX	21.78	0.15066
802.11ac VHT40_Nss1,(MCS0)_2TX	23.89	0.24491
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.43	0.13900
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.26	0.13366

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.00	18.43	18.72	21.59	23.76
5300MHz	Pass	5.00	18.88	18.77	21.84	23.77
5320MHz	Pass	5.00	18.98	18.78	21.89	23.78
5500MHz	Pass	5.00	18.56	18.78	21.68	23.76
5580MHz	Pass	5.00	18.83	18.52	21.69	23.77
5700MHz	Pass	5.00	18.36	18.47	21.43	23.70
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.00	18.90	18.94	21.93	23.98
5300MHz	Pass	5.00	19.15	18.95	22.06	23.98
5320MHz	Pass	5.00	19.30	18.95	22.14	23.98
5500MHz	Pass	5.00	18.82	18.67	21.76	23.98
5580MHz	Pass	5.00	18.84	18.70	21.78	23.98
5700MHz	Pass	5.00	18.31	18.62	21.48	23.95
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	5.00	20.90	20.87	23.90	23.98
5310MHz	Pass	5.00	19.59	19.43	22.52	23.98
5510MHz	Pass	5.00	19.42	19.40	22.42	23.98
5550MHz	Pass	5.00	21.06	20.70	23.89	23.98
5670MHz	Pass	5.00	20.88	20.53	23.72	23.98
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.01	18.71	18.42	21.58	21.94
5300MHz	Pass	8.01	18.54	18.51	21.54	21.93
5320MHz	Pass	8.01	18.48	18.56	21.53	21.97
5500MHz	Pass	8.01	18.52	18.30	21.42	21.97
5580MHz	Pass	8.01	18.65	18.18	21.43	21.94
5700MHz	Pass	8.01	18.59	18.16	21.39	21.95
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	8.01	18.51	18.08	21.31	21.97
5310MHz	Pass	8.01	18.37	18.29	21.34	21.97
5510MHz	Pass	8.01	18.24	18.15	21.21	21.97
5550MHz	Pass	8.01	18.46	18.03	21.26	21.97
5670MHz	Pass	8.01	18.32	18.02	21.18	21.97

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

For Band 1 and Band 4
Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	13.22	21.17
5.725-5.85GHz	10.75	18.86
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	10.44	18.39
5.725-5.85GHz	8.61	16.72
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	3.03	10.98
5.725-5.85GHz	3.14	11.26

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

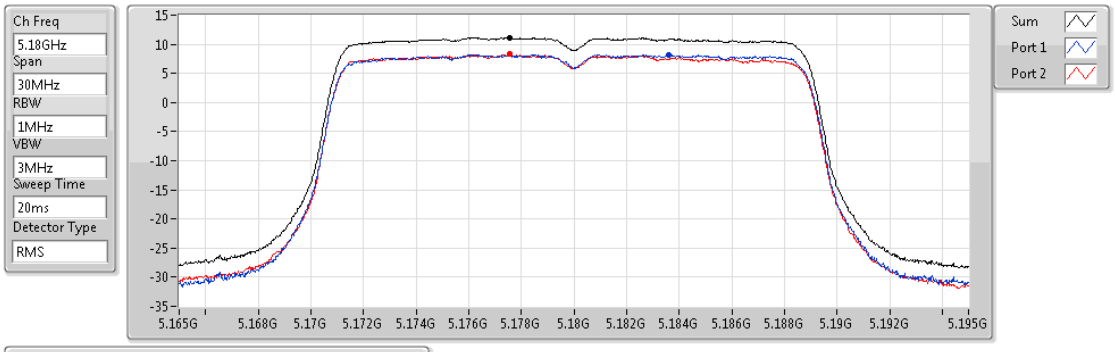
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	7.95	8.17	8.28	11.17	15.05
5200MHz	Pass	7.95	10.35	10.08	13.13	15.05
5240MHz	Pass	7.95	10.73	10.20	13.22	15.05
5745MHz	Pass	8.11	7.71	7.67	10.60	27.89
5785MHz	Pass	8.11	8.12	7.34	10.69	27.89
5825MHz	Pass	8.11	7.66	8.42	10.75	27.89
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	7.95	4.45	4.66	7.45	15.05
5230MHz	Pass	7.95	7.46	7.43	10.44	15.05
5755MHz	Pass	8.11	5.52	6.04	8.58	27.89
5795MHz	Pass	8.11	5.46	6.12	8.61	27.89
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	7.95	1.88	0.14	3.03	15.05
5775MHz	Pass	8.11	0.20	0.28	3.14	27.89

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 X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

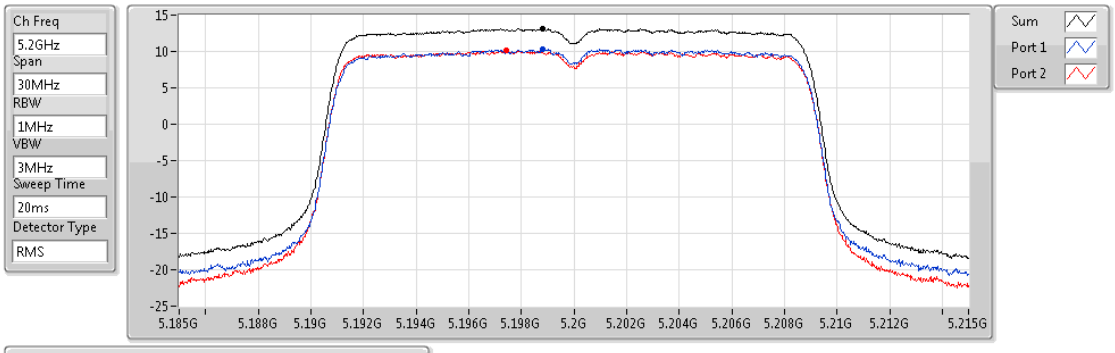
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.17	11.17	8.17	8.28

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

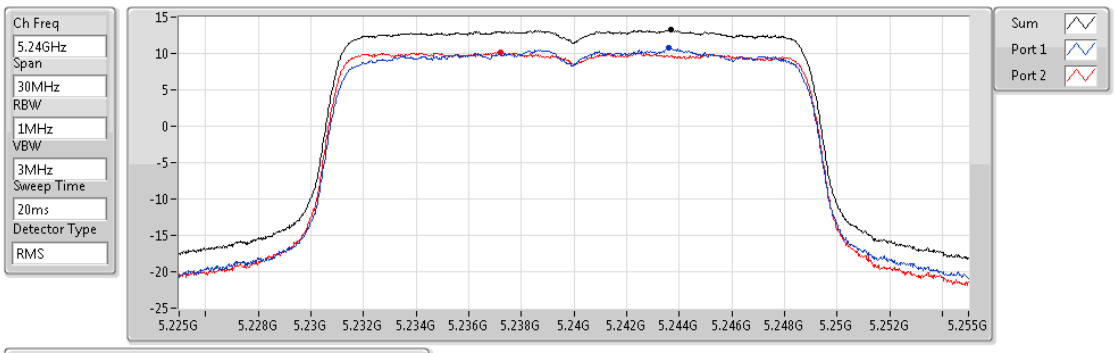
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.13	13.13	10.35	10.08

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

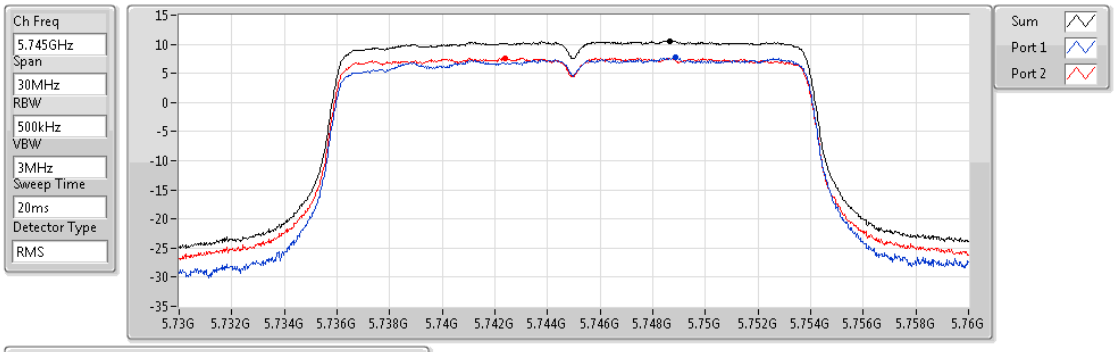
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.22	13.22	10.73	10.20

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

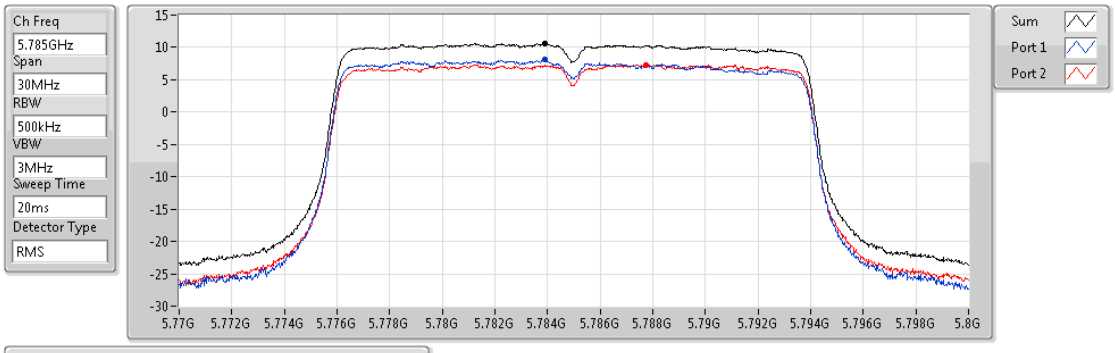
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.60	10.60	7.71	7.67

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

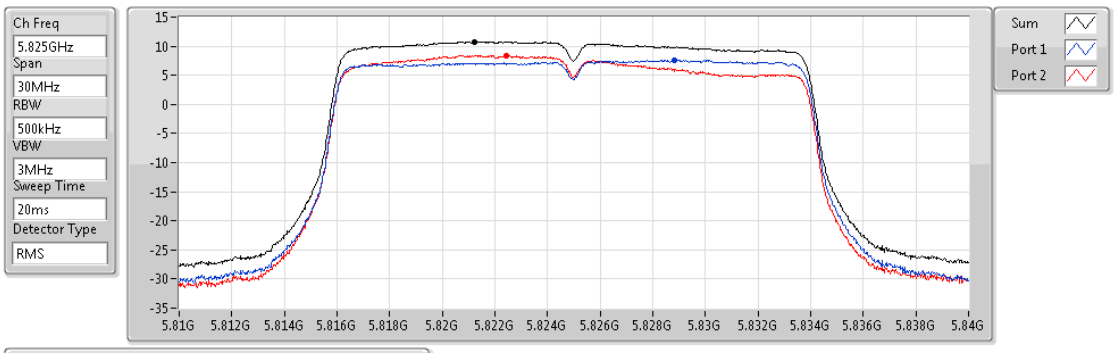
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.69	10.69	8.12	7.34

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

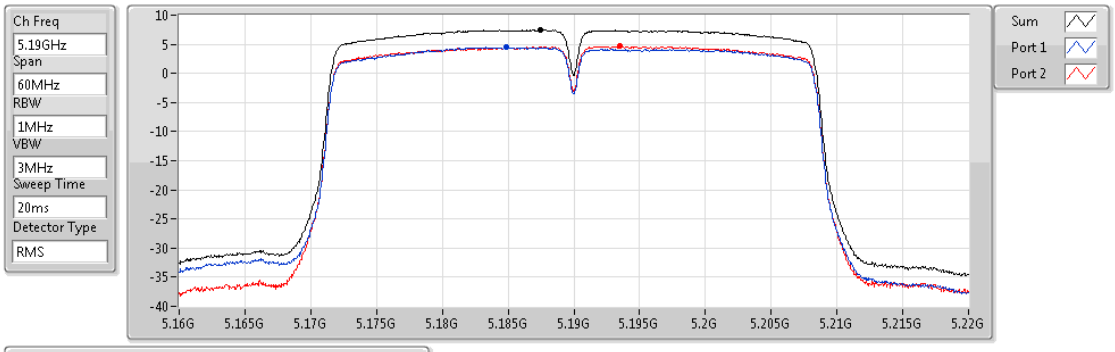
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	7.66	8.42

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

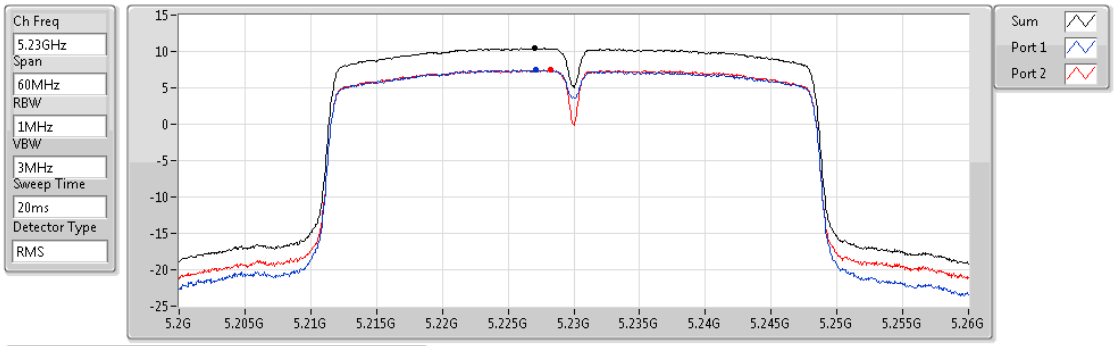
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.45	7.45	4.45	4.66

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

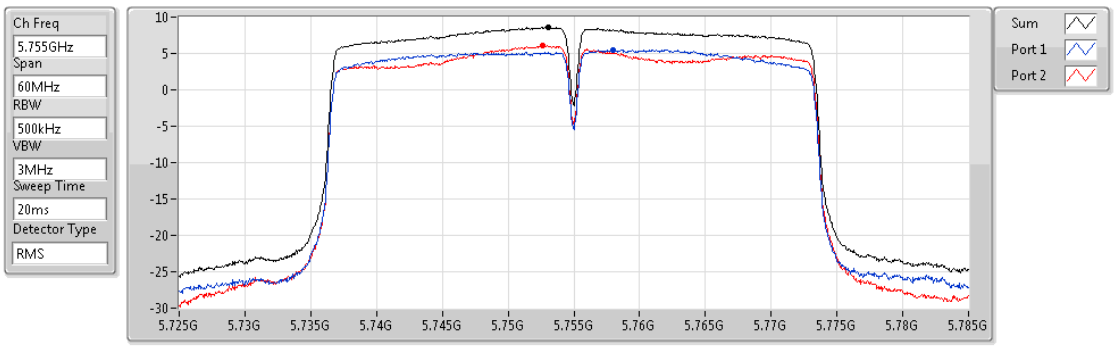
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.44	10.44	7.46	7.43

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

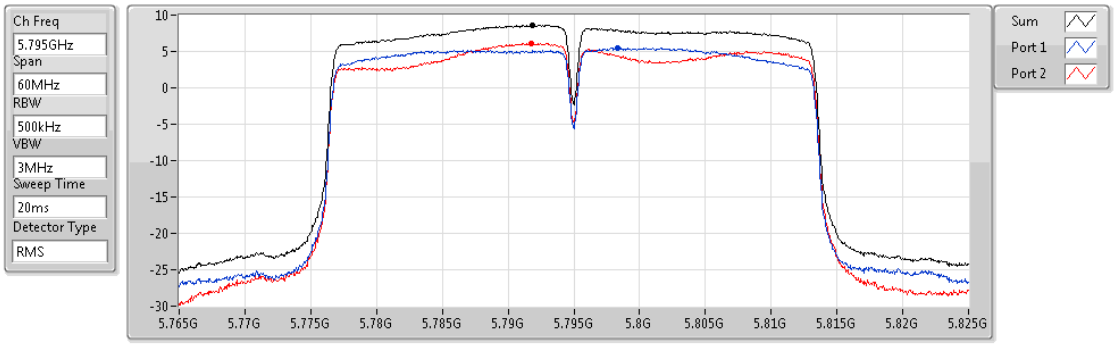
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.58	8.58	5.52	6.04

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

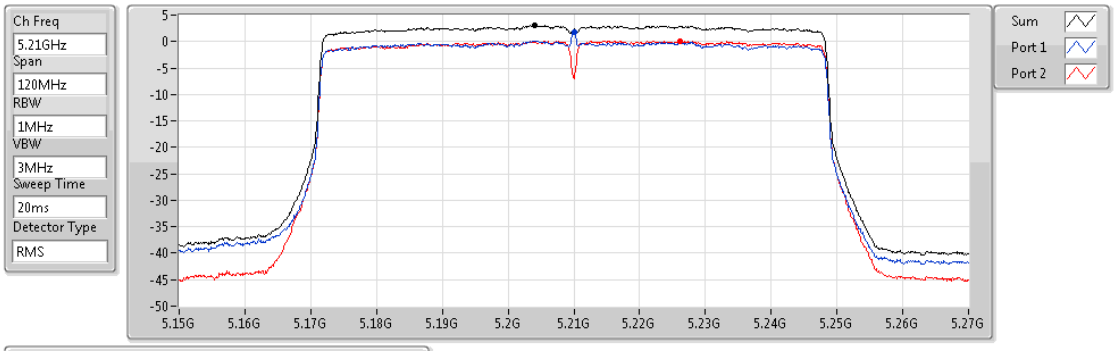
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.61	8.61	5.46	6.12

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

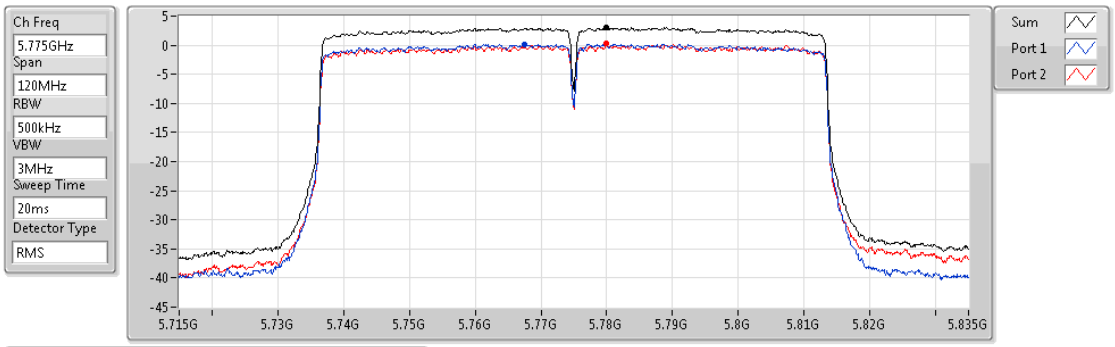
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.03	3.03	1.88	0.14

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

5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.14	3.14	0.20	0.28

For Band 2~Band 3
Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.97
802.11ac VHT20_Nss1,(MCS0)_2TX	8.87
802.11ac VHT40_Nss1,(MCS0)_2TX	7.92
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8.38
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	5.06
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.98
802.11ac VHT20_Nss1,(MCS0)_2TX	8.77
802.11ac VHT40_Nss1,(MCS0)_2TX	8.15
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8.47
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	4.86

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

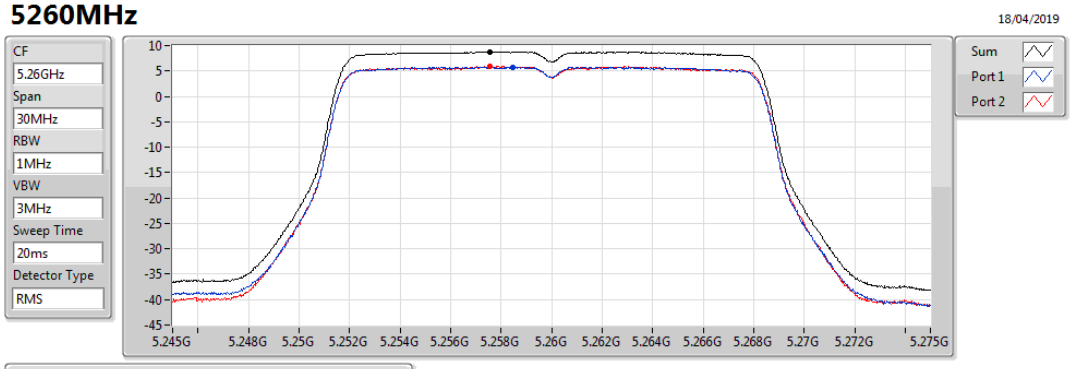
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.01	5.78	5.99	8.80	8.99
5300MHz	Pass	8.01	5.88	5.88	8.85	8.99
5320MHz	Pass	8.01	6.05	5.97	8.97	8.99
5500MHz	Pass	8.01	5.88	5.99	8.90	8.99
5580MHz	Pass	8.01	6.17	6.06	8.98	8.99
5700MHz	Pass	8.01	5.33	6.12	8.67	8.99
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.01	5.82	5.86	8.83	8.99
5300MHz	Pass	8.01	5.98	5.74	8.76	8.99
5320MHz	Pass	8.01	6.16	5.82	8.87	8.99
5500MHz	Pass	8.01	5.48	5.91	8.70	8.99
5580MHz	Pass	8.01	5.82	5.93	8.77	8.99
5700MHz	Pass	8.01	5.10	6.07	8.59	8.99
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	8.01	5.00	4.95	7.92	8.99
5310MHz	Pass	8.01	3.71	3.47	6.46	8.99
5510MHz	Pass	8.01	3.53	3.75	6.59	8.99
5550MHz	Pass	8.01	5.22	5.14	8.11	8.99
5670MHz	Pass	8.01	5.11	5.24	8.15	8.99
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.01	5.91	6.51	8.32	8.99
5300MHz	Pass	8.01	5.13	6.48	8.38	8.99
5320MHz	Pass	8.01	5.68	6.33	8.26	8.99
5500MHz	Pass	8.01	5.49	7.00	8.31	8.99
5580MHz	Pass	8.01	5.44	5.74	8.47	8.99
5700MHz	Pass	8.01	4.71	6.71	8.22	8.99
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	8.01	2.18	3.80	4.97	8.99
5310MHz	Pass	8.01	2.93	1.69	5.06	8.99
5510MHz	Pass	8.01	2.81	2.30	4.86	8.99
5550MHz	Pass	8.01	2.74	2.08	4.34	8.99
5670MHz	Pass	8.01	2.57	2.45	4.32	8.99

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

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

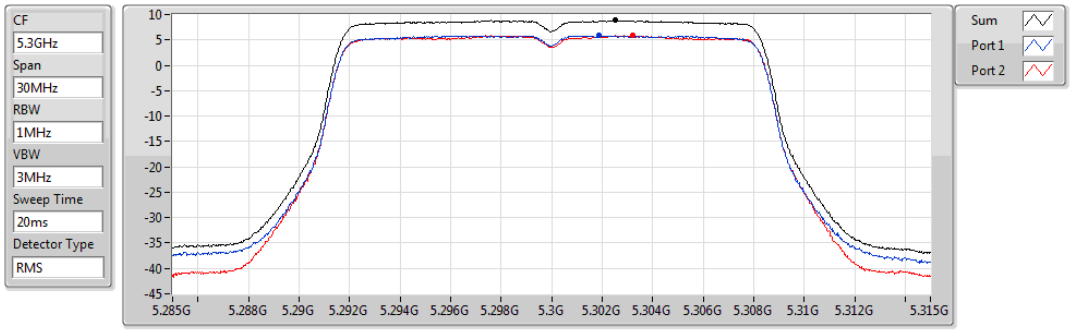
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.80	8.80	5.78	5.99

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

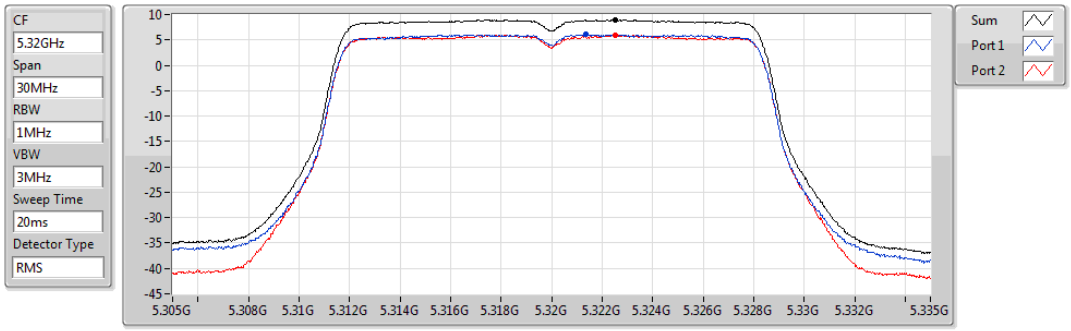
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.85	8.85	5.88	5.88

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

5320MHz

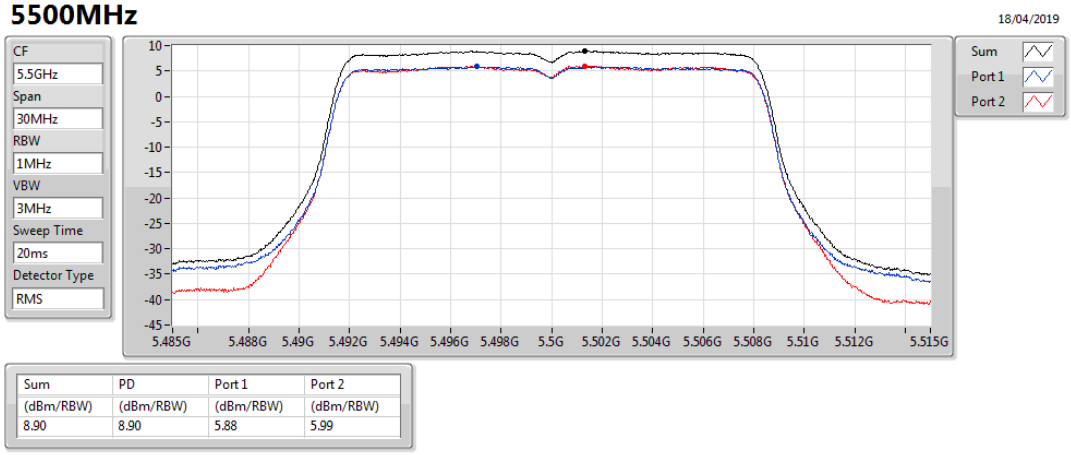


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.97	8.97	6.05	5.97

TEL : 886-3-656-9065
FAX : 886-3-656-9085

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

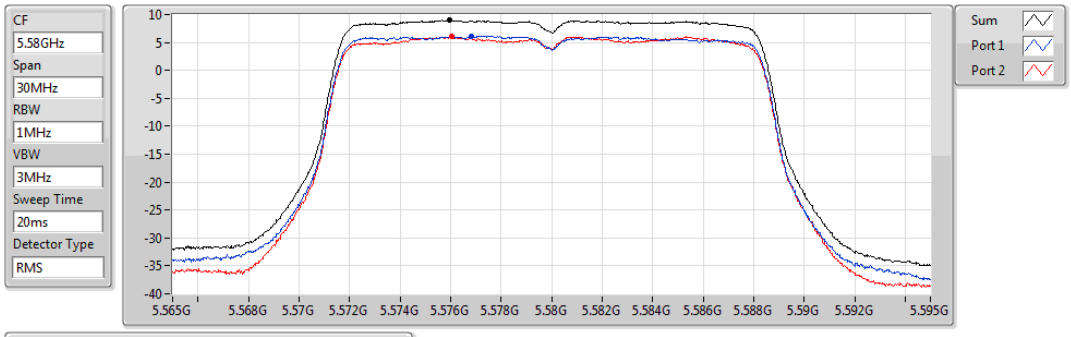
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.90	8.90	5.88	5.99

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

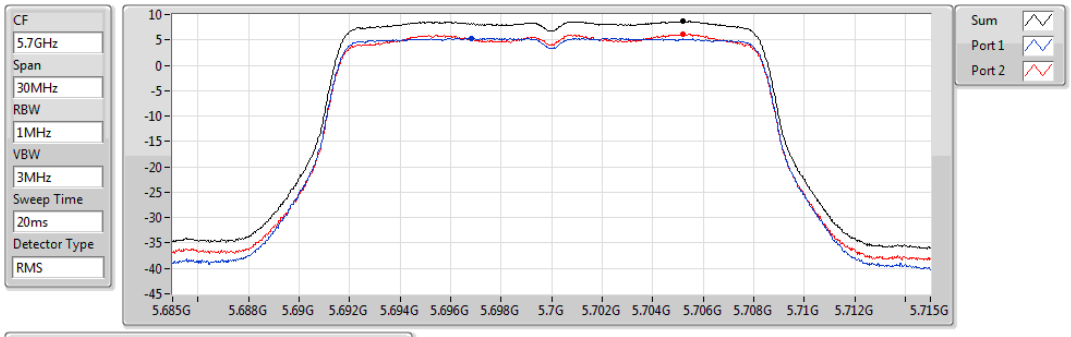
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.98	8.98	6.17	6.06

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

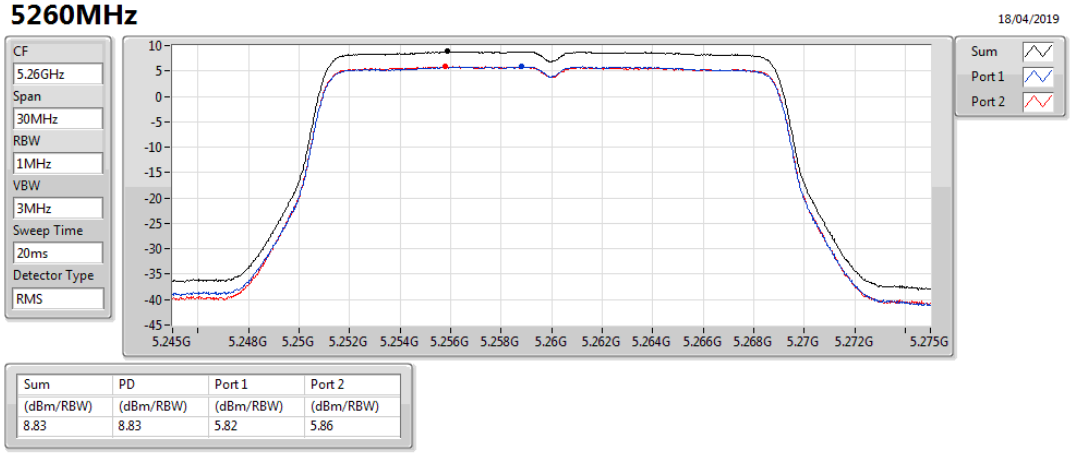
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.67	8.67	5.33	6.12

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

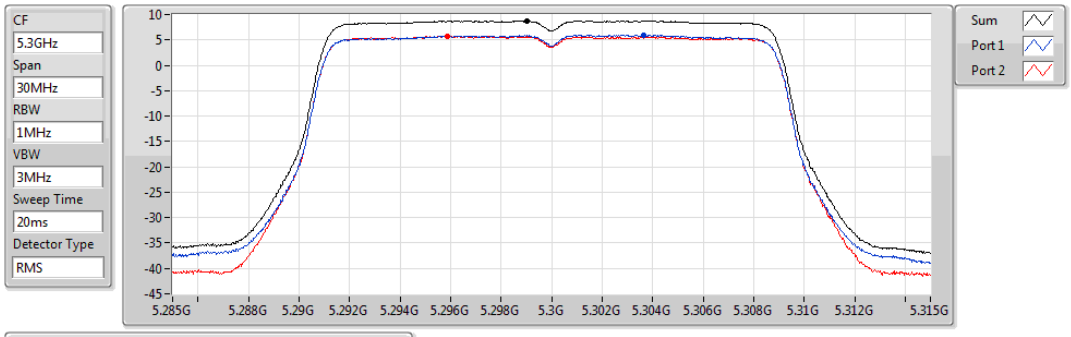
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.83	8.83	5.82	5.86

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

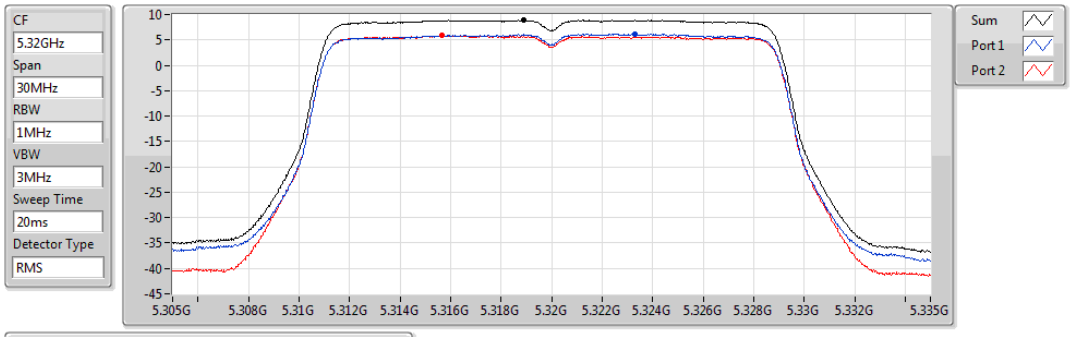
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.76	8.76	5.98	5.74

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

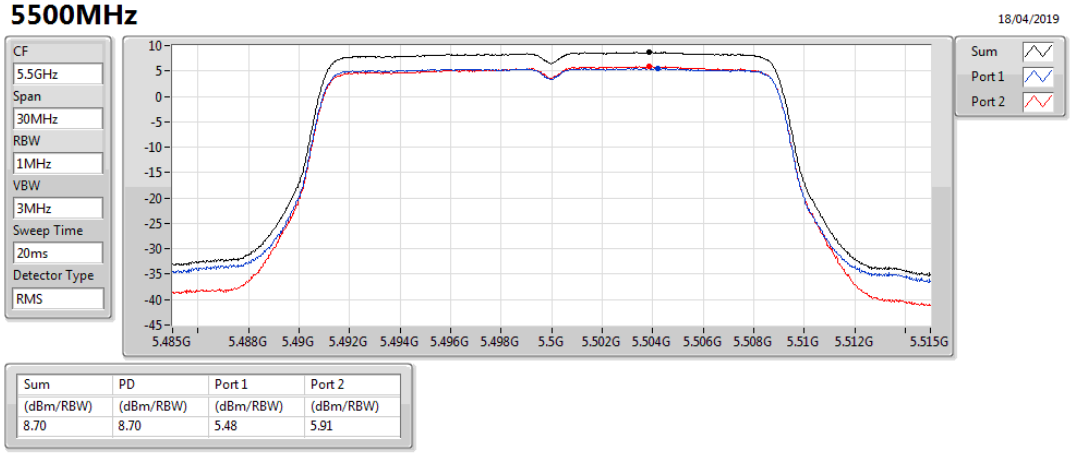
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.87	8.87	6.16	5.82

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

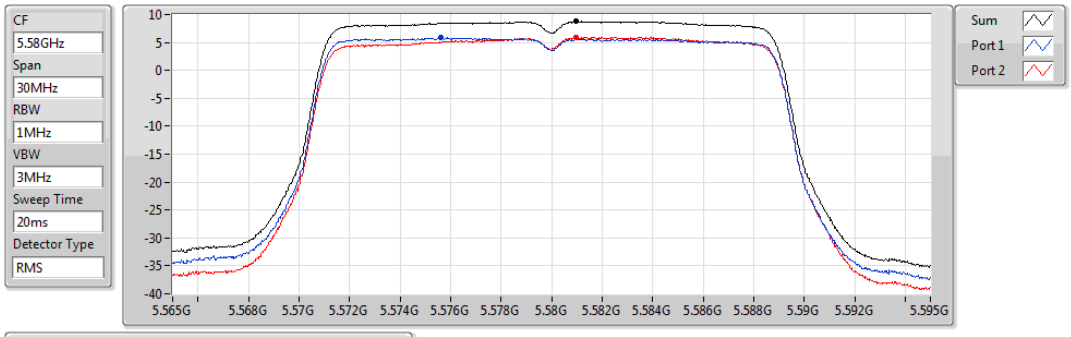
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.70	8.70	5.48	5.91

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

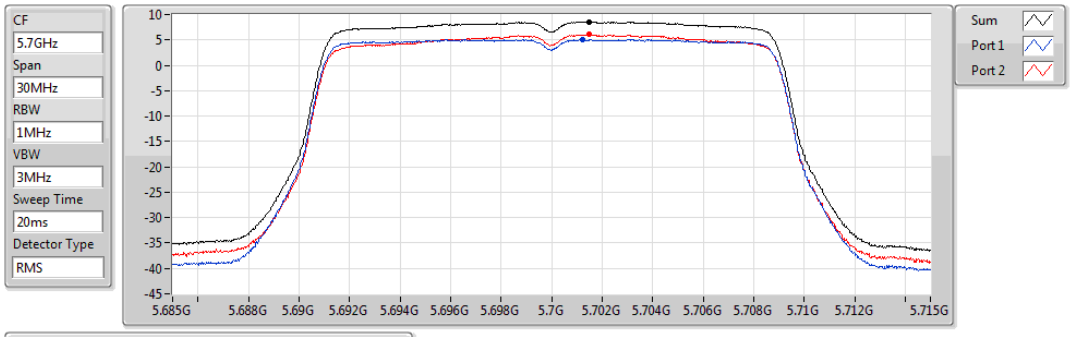
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.77	8.77	5.82	5.93

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

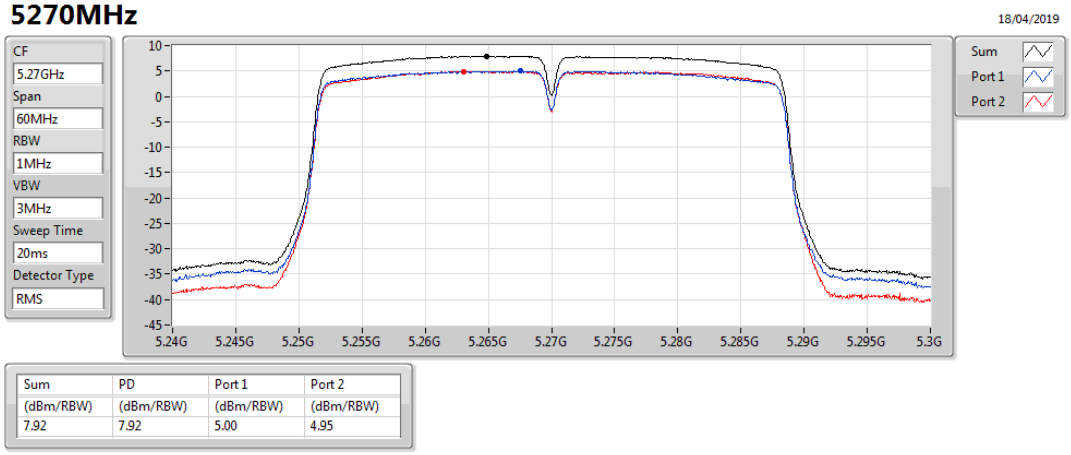
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.59	8.59	5.10	6.07

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

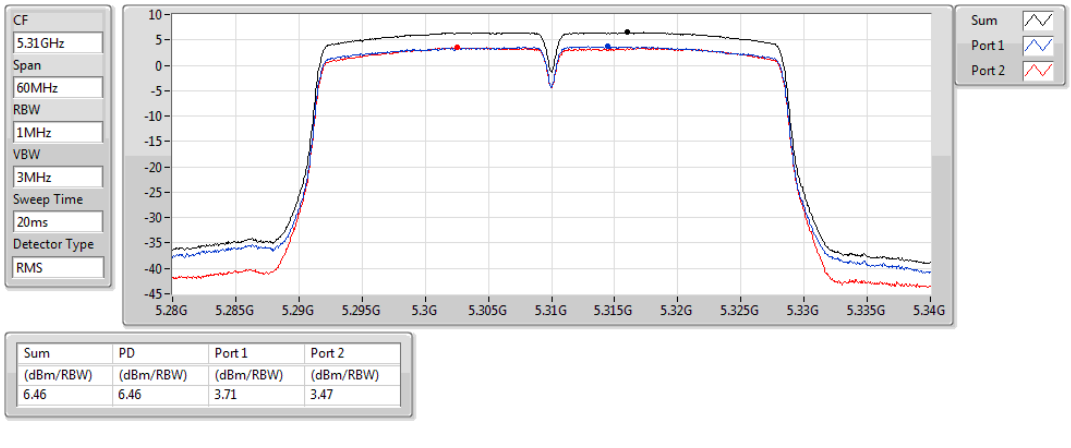
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.92	7.92	5.00	4.95

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

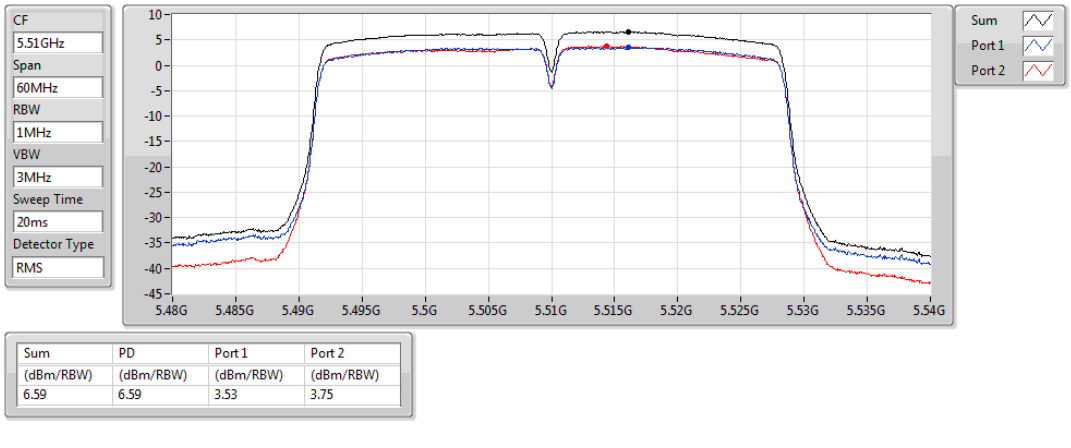
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.46	6.46	3.71	3.47

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

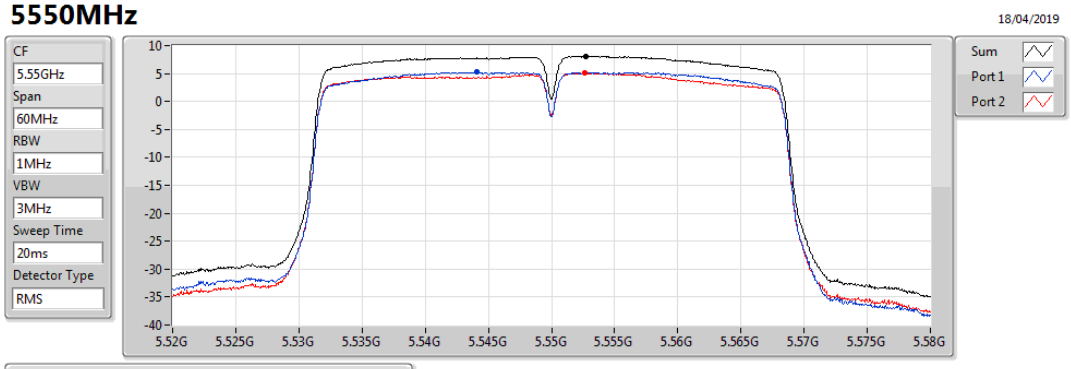
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.59	6.59	3.53	3.75

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

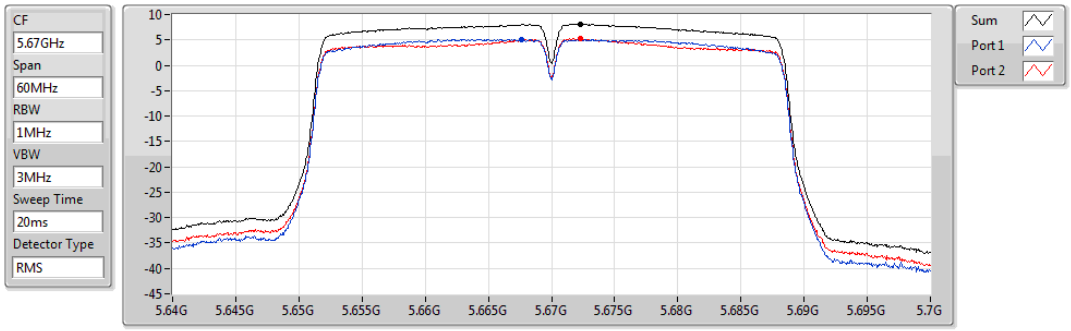
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.11	8.11	5.22	5.14

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

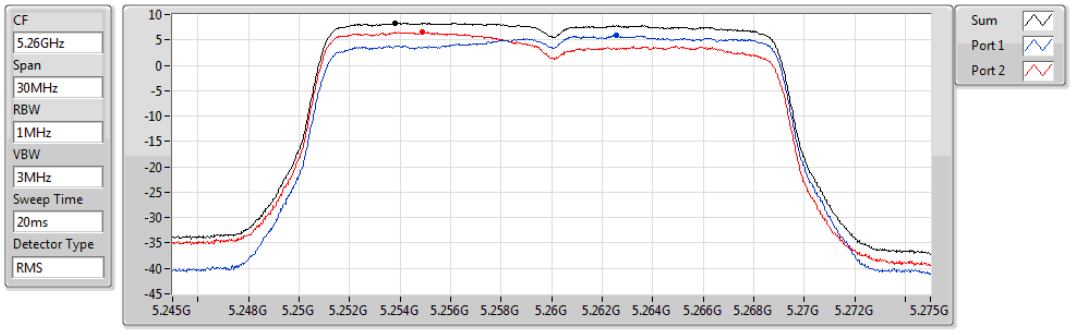
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.15	8.15	5.11	5.24

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

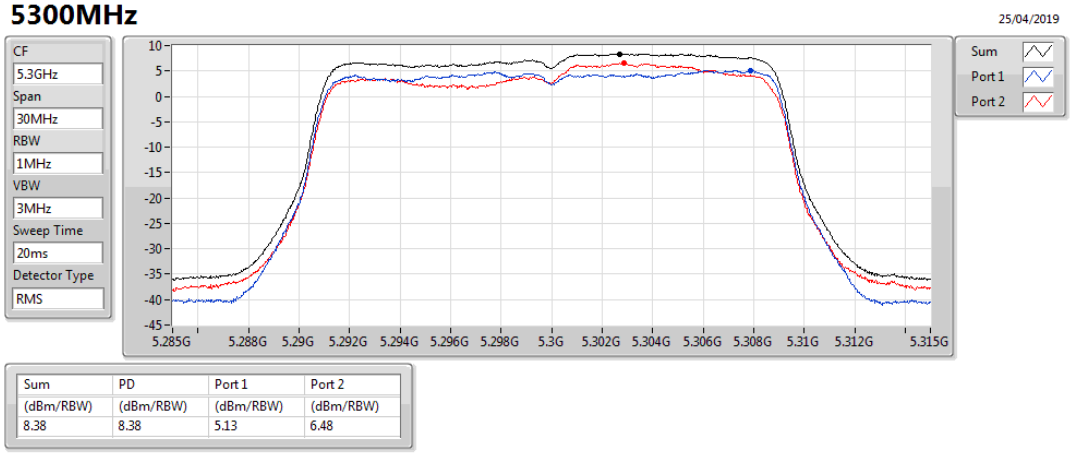
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.32	8.32	5.91	6.51

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

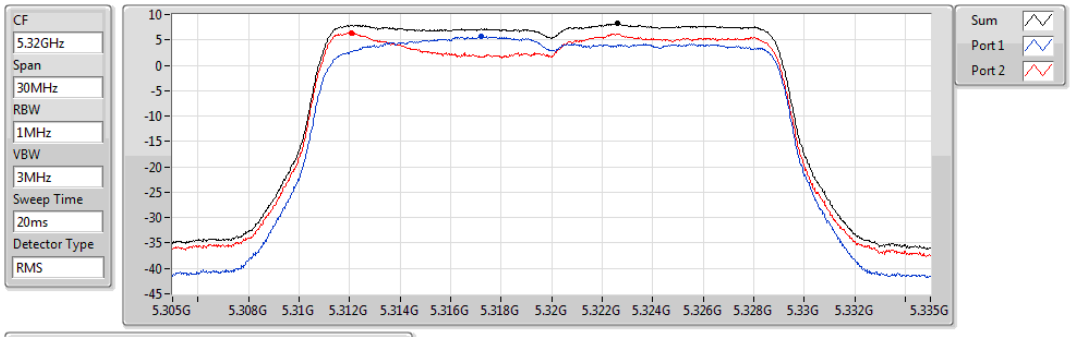
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.38	8.38	5.13	6.48

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

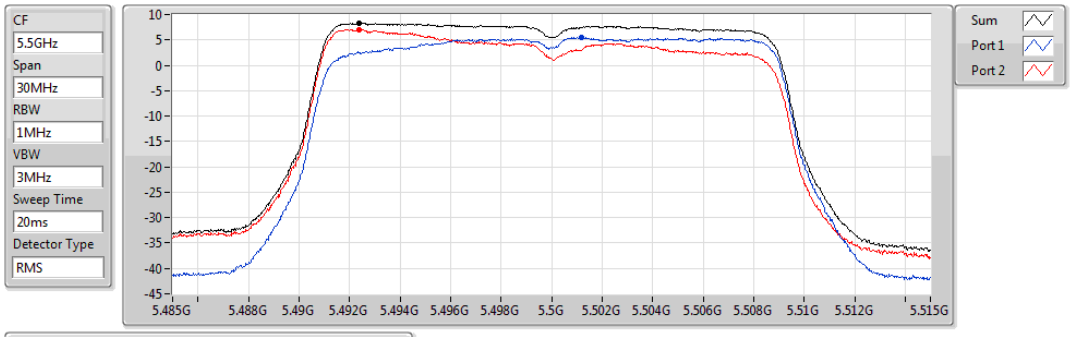
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.26	8.26	5.68	6.33

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

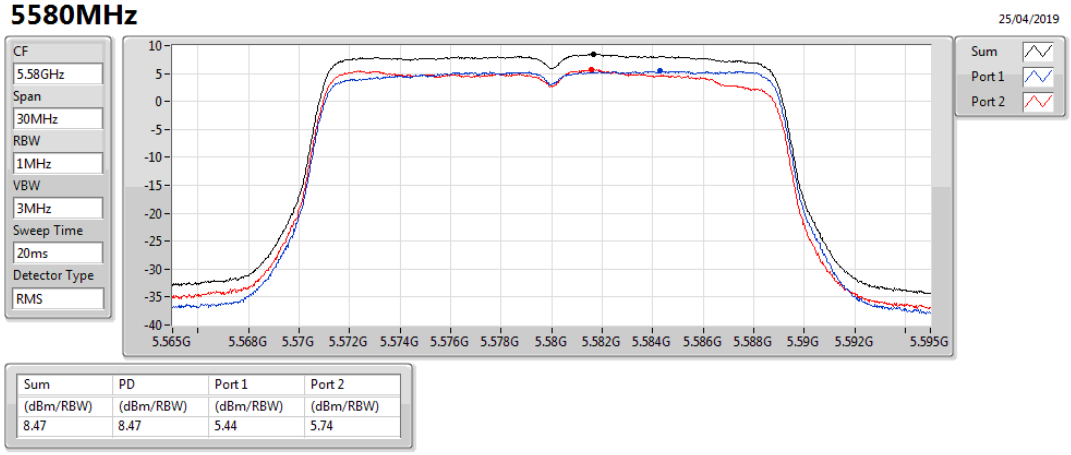
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.31	8.31	5.49	7.00

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

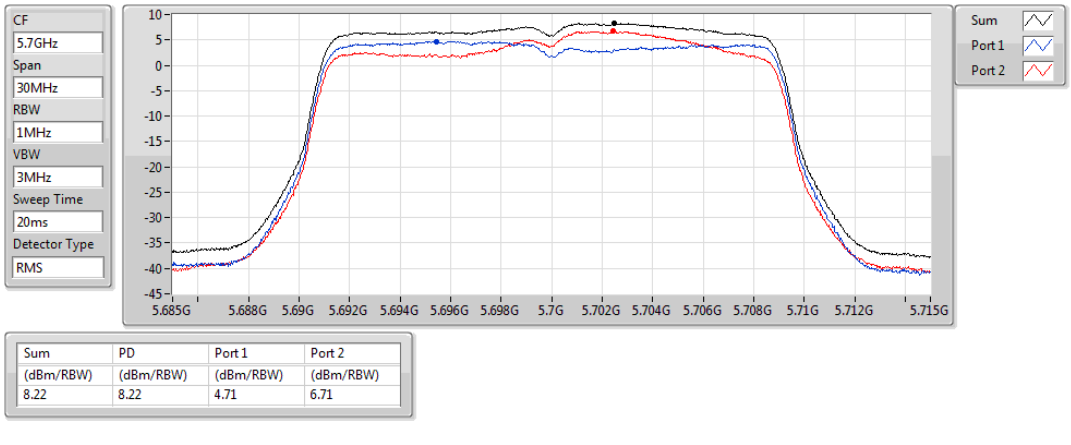
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.47	8.47	5.44	5.74

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

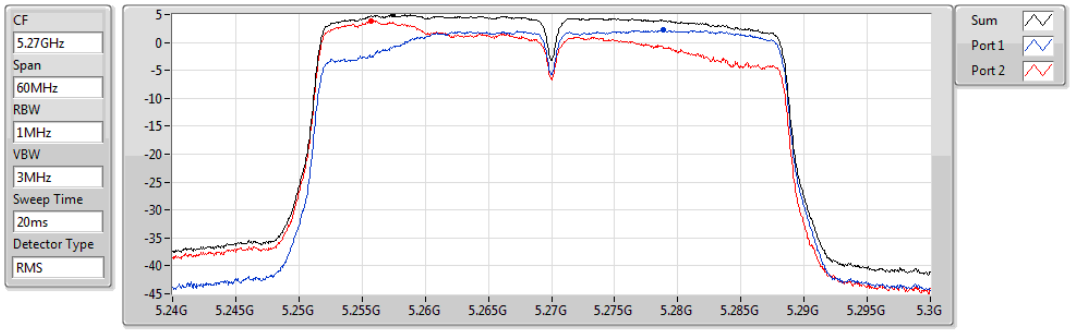
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.22	8.22	4.71	6.71

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

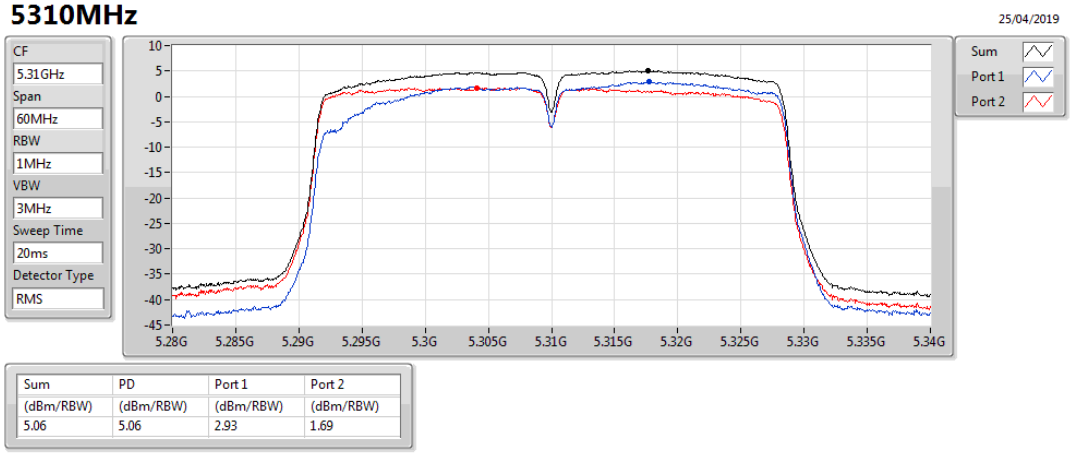
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.97	4.97	2.18	3.80

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

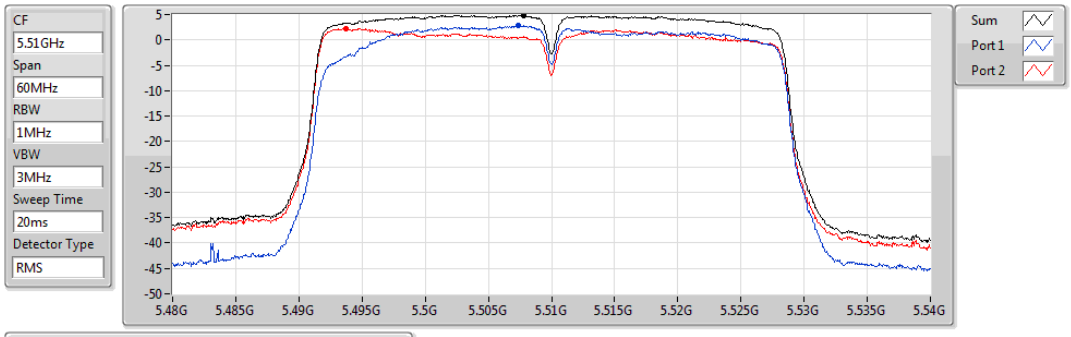
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.06	5.06	2.93	1.69

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

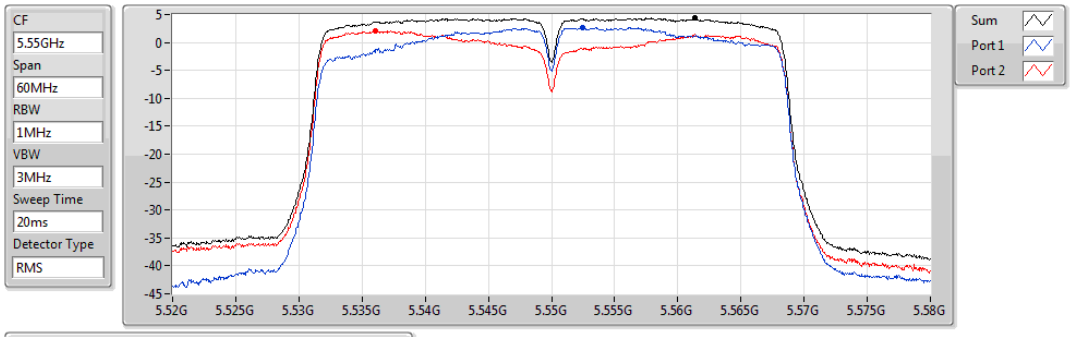
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.86	4.86	2.81	2.30

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

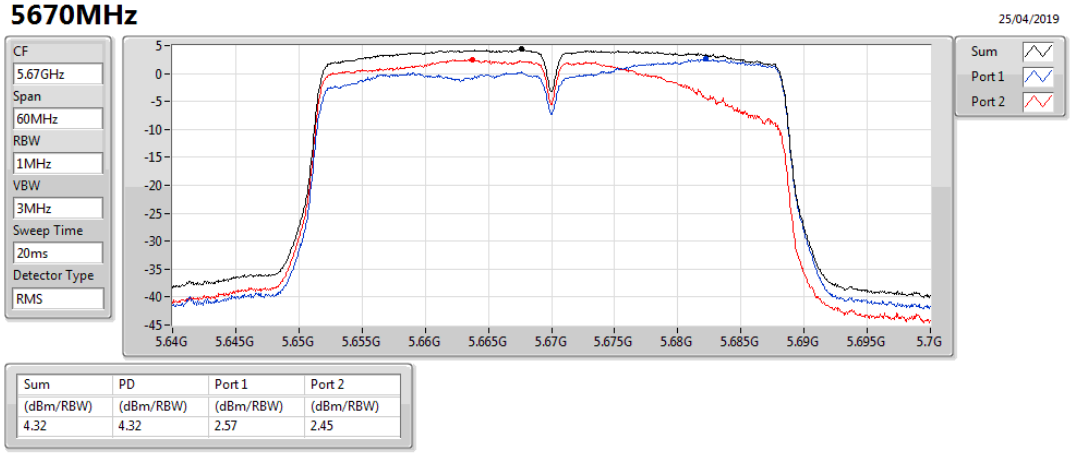
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.34	4.34	2.74	2.08

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

5670MHz



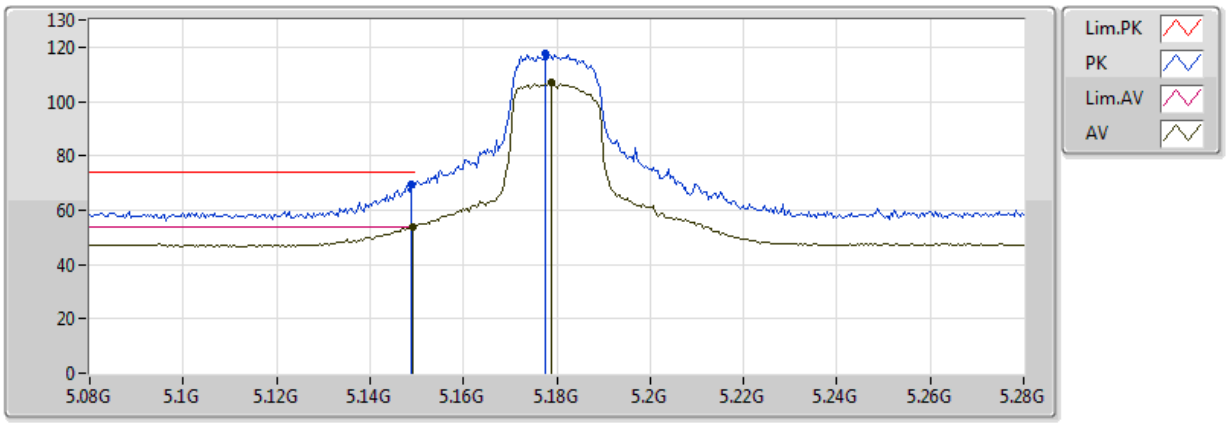
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.32	4.32	2.57	2.45

For Band 1 and Band 4
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5.15-5.25GHz	Pass	AV	5.1492G	53.99	54.00	-0.01	7.24	3	H	359	1.94	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

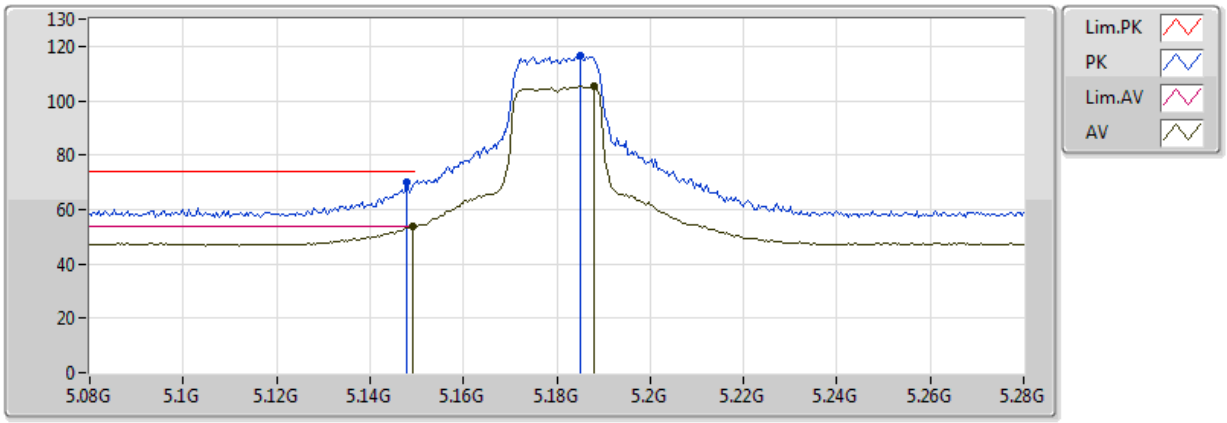


20170712
EUT Y_2TX_TXBF
Setting 24
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1492G	53.95	54.00	-0.05	7.24	3	V	323	2.41	-
AV	5.1788G	106.75	Inf	-Inf	7.27	3	V	323	2.41	-
PK	5.1488G	69.39	74.00	-4.61	7.24	3	V	323	2.41	-
PK	5.1776G	117.63	Inf	-Inf	7.27	3	V	323	2.41	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

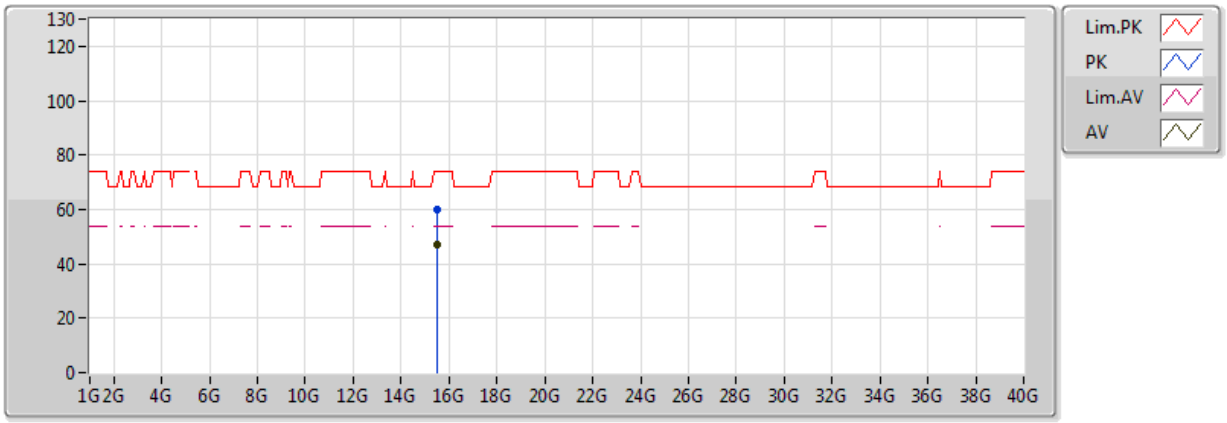


20170712
EUT Y_2TX_TXBF
Setting 24
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1492G	53.99	54.00	-0.01	7.24	3	H	359	1.94	-
AV	5.188G	105.45	Inf	-Inf	7.28	3	H	359	1.94	-
PK	5.148G	70.17	74.00	-3.83	7.24	3	H	359	1.94	-
PK	5.1852G	116.53	Inf	-Inf	7.28	3	H	359	1.94	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

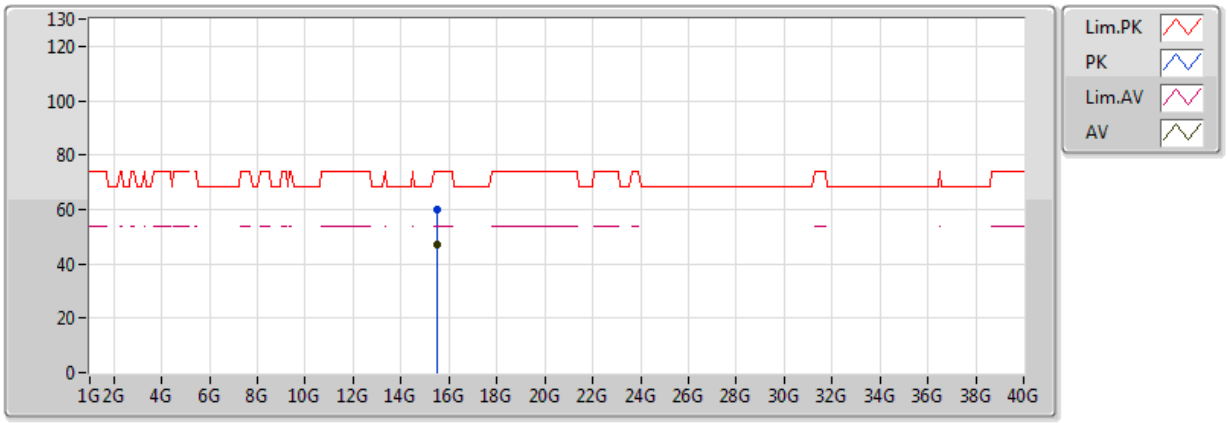


20170712
EUT Y_2TX_TXBF
Setting 24
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.53256G	47.27	54.00	-6.73	17.94	3	V	22	1.53	-
PK	15.53484G	60.14	74.00	-13.86	17.93	3	V	22	1.53	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

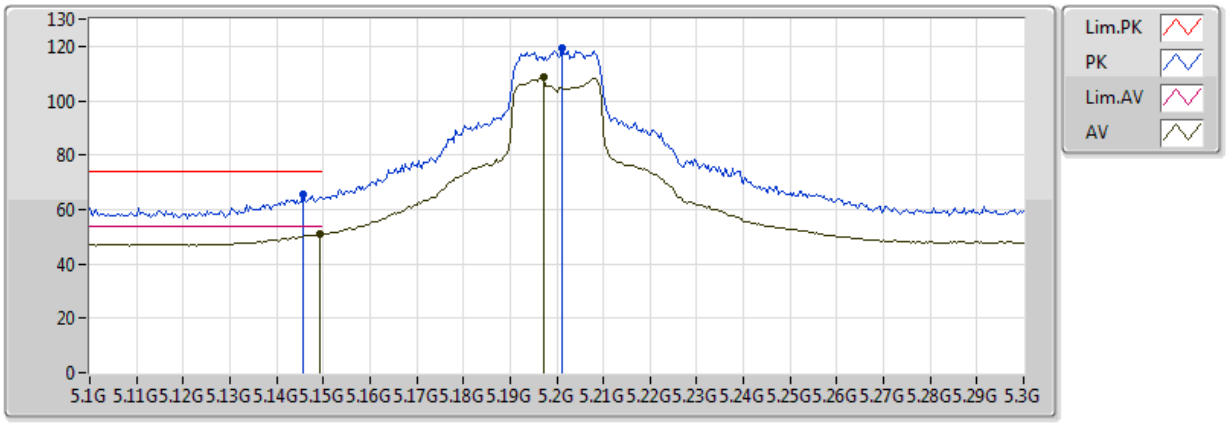


20170712
EUT Y_2TX_TXBF
Setting 24
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.52884G	47.18	54.00	-6.82	17.95	3	H	149	1.49	-
PK	15.53514G	59.92	74.00	-14.08	17.93	3	H	149	1.49	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

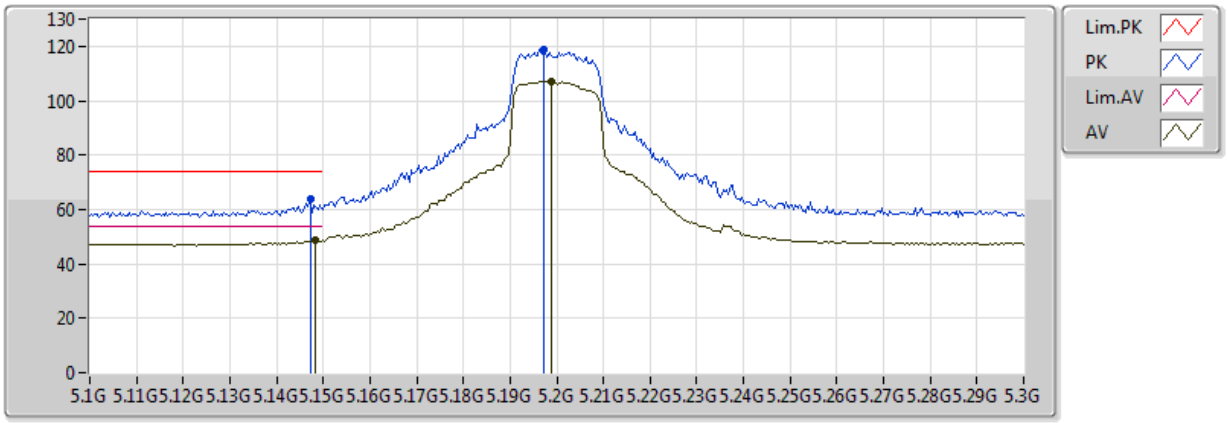


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1492G	50.97	54.00	-3.03	7.24	3	V	346	2.53	-
AV	5.1972G	108.66	Inf	-Inf	7.29	3	V	346	2.53	-
PK	5.1456G	65.70	74.00	-8.30	7.24	3	V	346	2.53	-
PK	5.2012G	119.22	Inf	-Inf	7.29	3	V	346	2.53	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

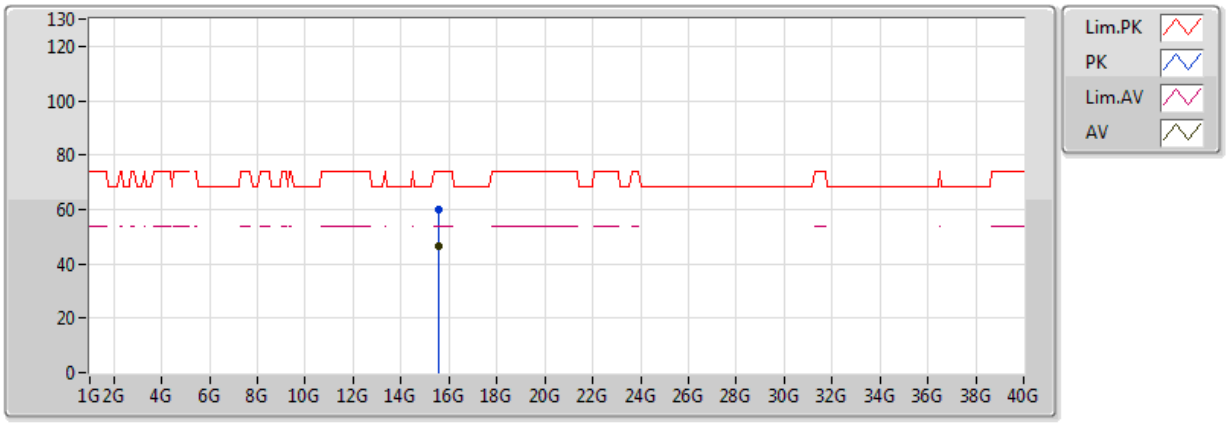


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1484G	48.51	54.00	-5.49	7.24	3	H	358	1.74	-
AV	5.1988G	107.07	Inf	-Inf	7.29	3	H	358	1.74	-
PK	5.1472G	63.60	74.00	-10.40	7.24	3	H	358	1.74	-
PK	5.1972G	118.61	Inf	-Inf	7.29	3	H	358	1.74	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

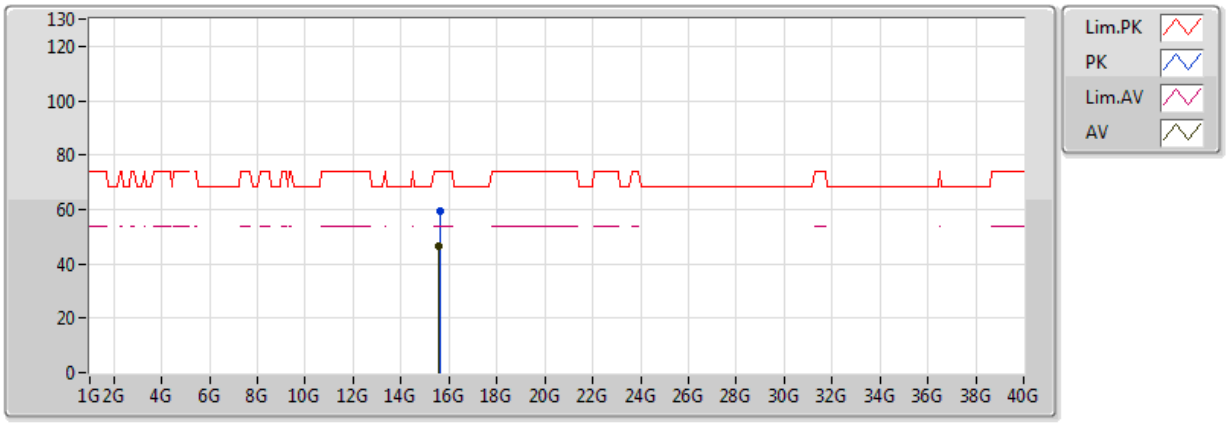


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.58992G	46.62	54.00	-7.38	17.77	3	V	294	1.63	-
PK	15.58818G	60.23	74.00	-13.77	17.78	3	V	294	1.63	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

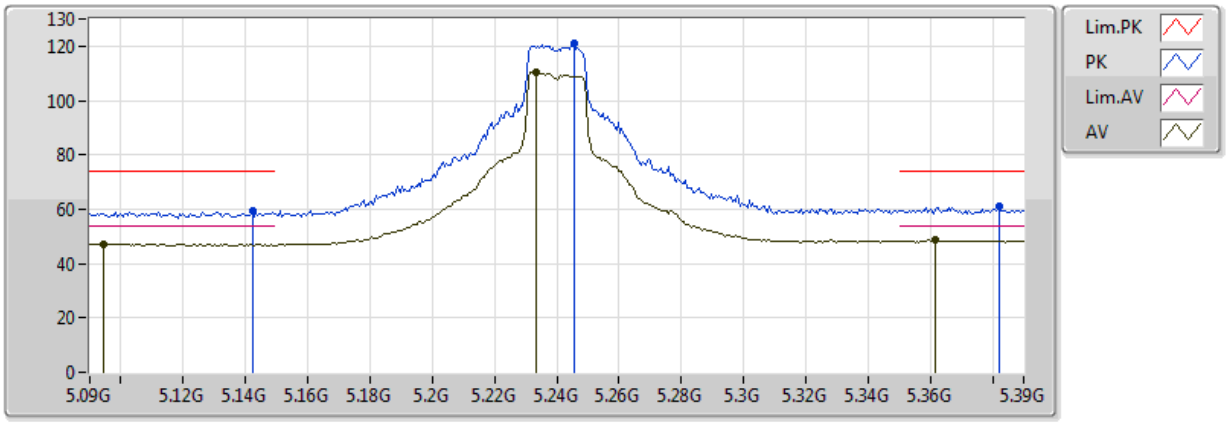


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.58548G	46.72	54.00	-7.28	17.79	3	H	342	2.50	-
PK	15.60996G	59.30	74.00	-14.70	17.72	3	H	342	2.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

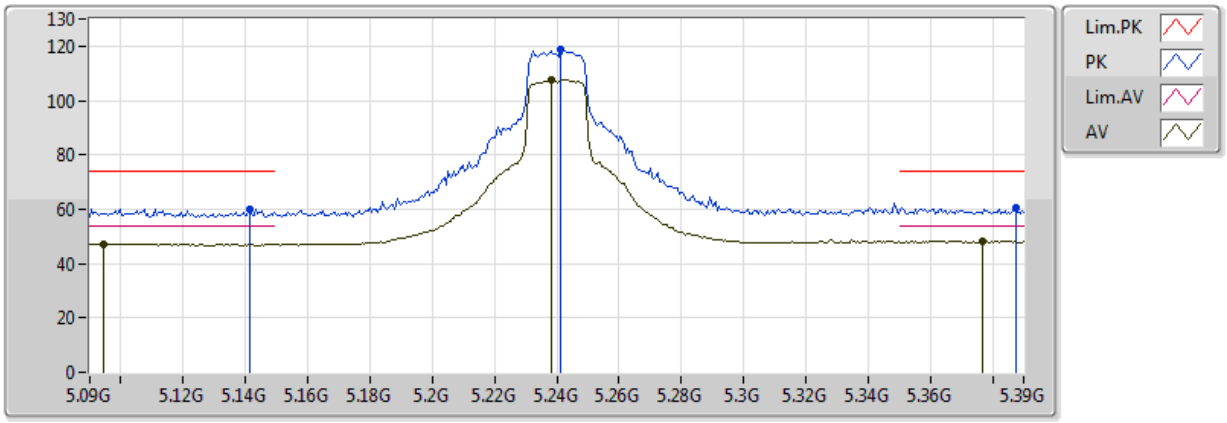


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.0942G	47.27	54.00	-6.73	7.19	3	V	342	2.30	-
AV	5.2334G	110.57	Inf	-Inf	7.34	3	V	342	2.30	-
AV	5.3618G	48.50	54.00	-5.50	7.54	3	V	342	2.30	-
PK	5.1422G	59.52	74.00	-14.48	7.24	3	V	342	2.30	-
PK	5.2454G	121.08	Inf	-Inf	7.36	3	V	342	2.30	-
PK	5.3822G	60.84	74.00	-13.16	7.57	3	V	342	2.30	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

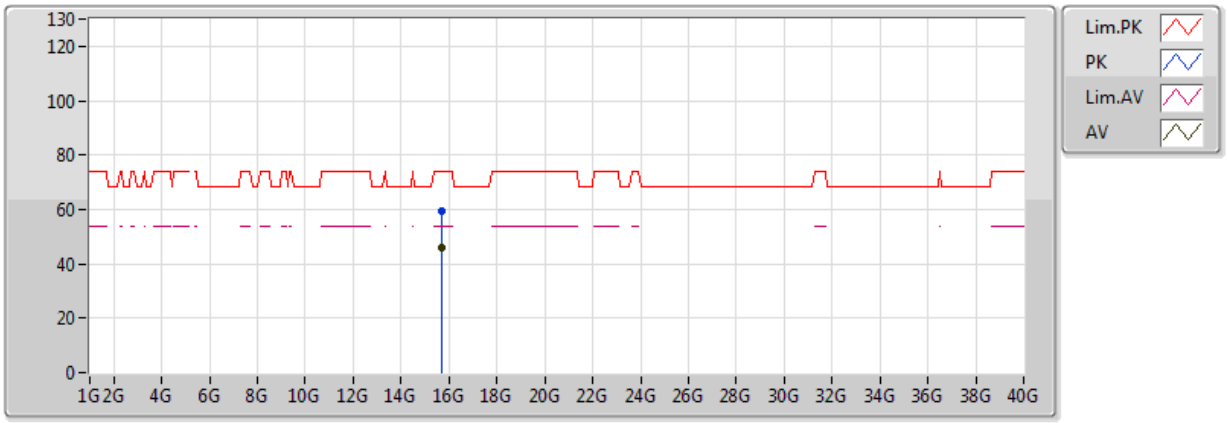


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.0942G	47.32	54.00	-6.68	7.19	3	H	4	1.93	-
AV	5.2382G	107.73	Inf	-Inf	7.35	3	H	4	1.93	-
AV	5.3768G	48.24	54.00	-5.76	7.57	3	H	4	1.93	-
PK	5.1416G	60.16	74.00	-13.84	7.24	3	H	4	1.93	-
PK	5.2412G	118.54	Inf	-Inf	7.36	3	H	4	1.93	-
PK	5.3876G	60.61	74.00	-13.39	7.58	3	H	4	1.93	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

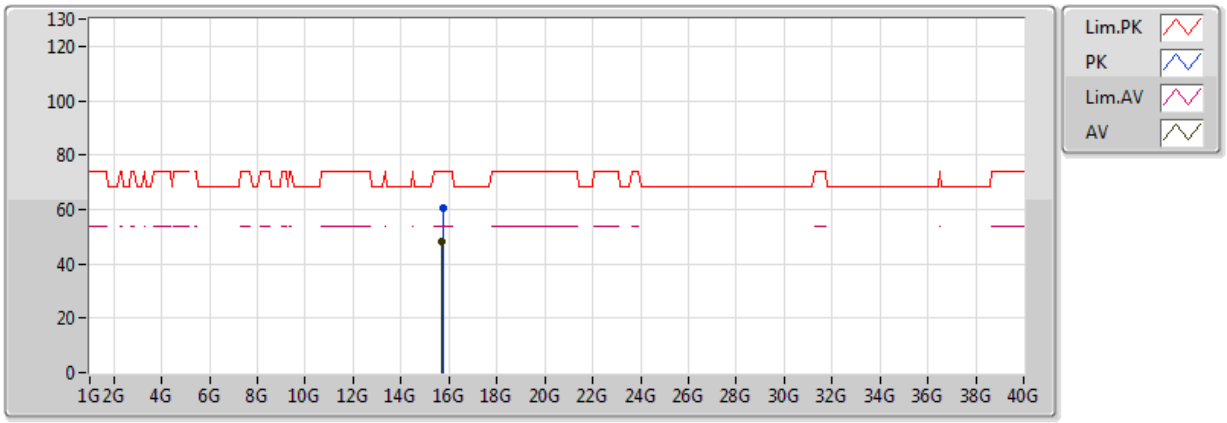


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.70686G	46.10	54.00	-7.90	17.44	3	V	71	1.21	-
PK	15.71688G	59.55	74.00	-14.45	17.41	3	V	71	1.21	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

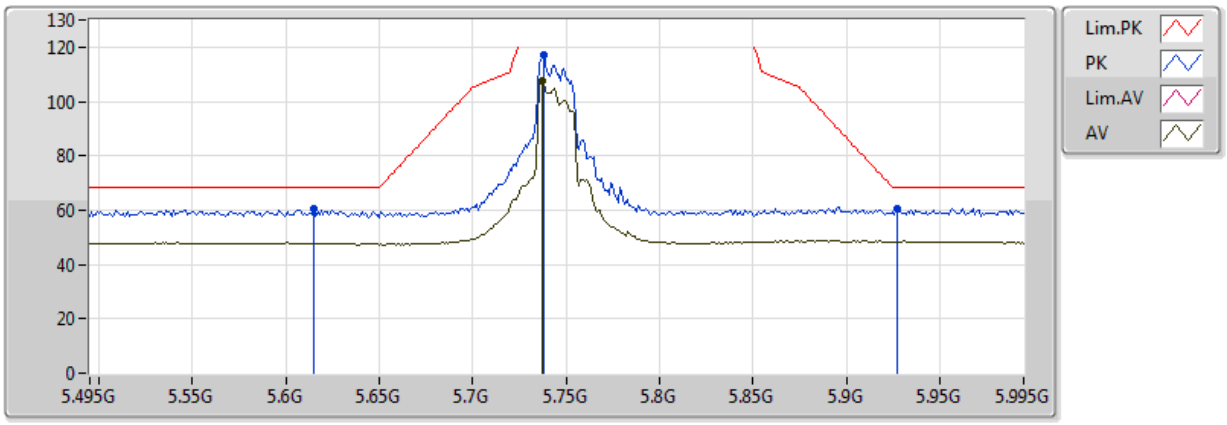


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.70824G	47.96	54.00	-6.04	17.44	3	H	283	1.36	-
PK	15.7326G	60.67	74.00	-13.33	17.37	3	H	283	1.36	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

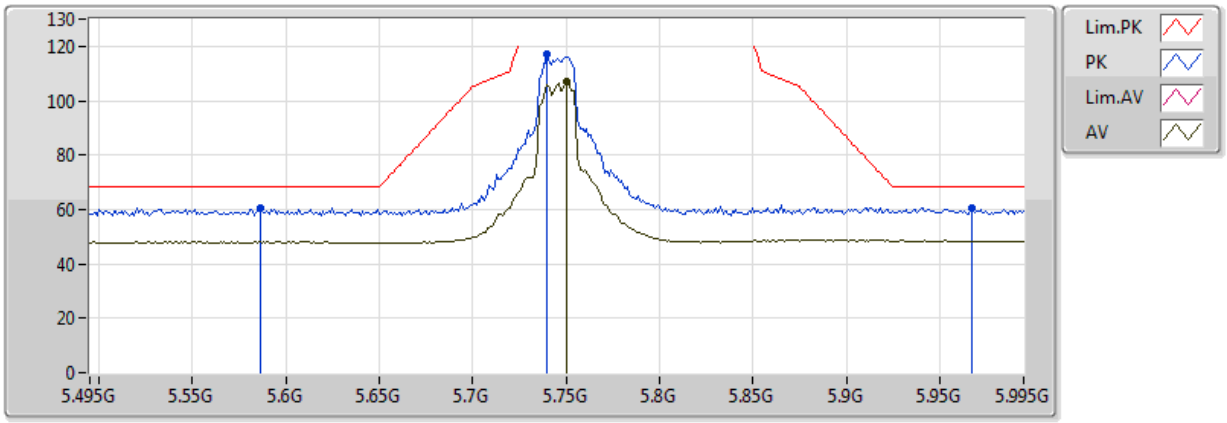


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.737G	107.41	Inf	-Inf	8.21	3	V	3	1.47	-
PK	5.615G	60.44	68.20	-7.76	8.09	3	V	3	1.47	-
PK	5.738G	116.85	Inf	-Inf	8.21	3	V	3	1.47	-
PK	5.927G	60.76	68.20	-7.44	8.55	3	V	3	1.47	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

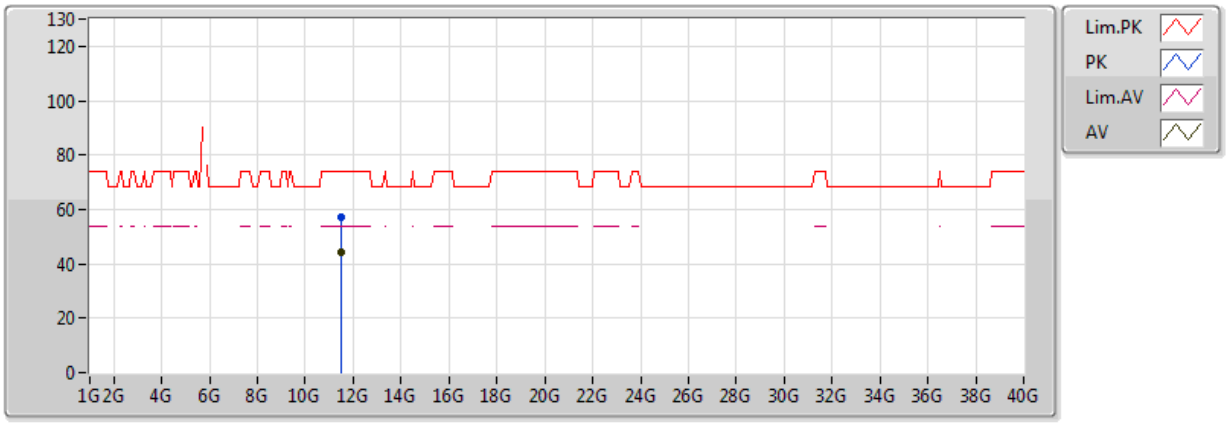


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.75G	106.96	Inf	-Inf	8.23	3	H	343	1.83	-
PK	5.586G	60.74	68.20	-7.46	8.05	3	H	343	1.83	-
PK	5.74G	116.93	Inf	-Inf	8.22	3	H	343	1.83	-
PK	5.967G	60.56	68.20	-7.64	8.64	3	H	343	1.83	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

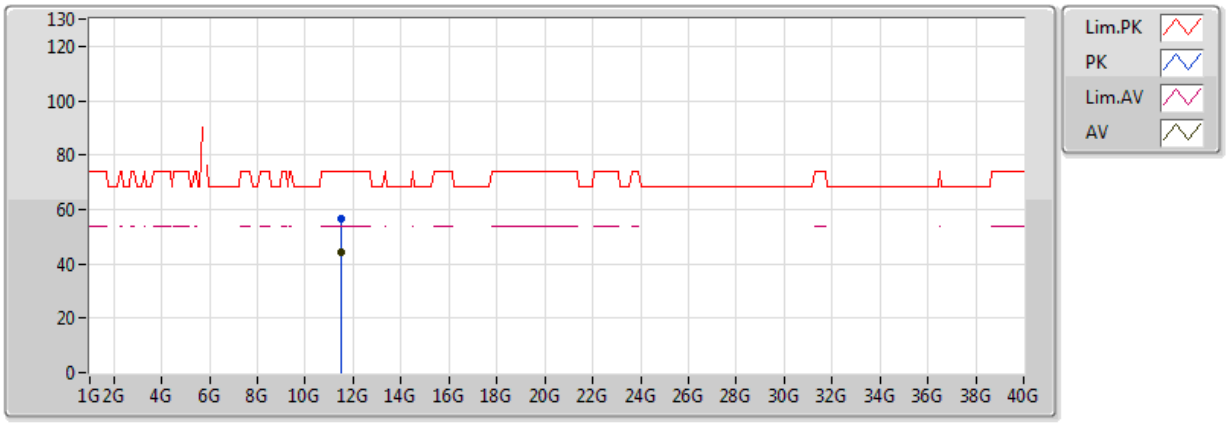


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.5005G	44.24	54.00	-9.76	16.89	3	V	262	1.34	-
PK	11.4759G	57.39	74.00	-16.61	16.91	3	V	262	1.34	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

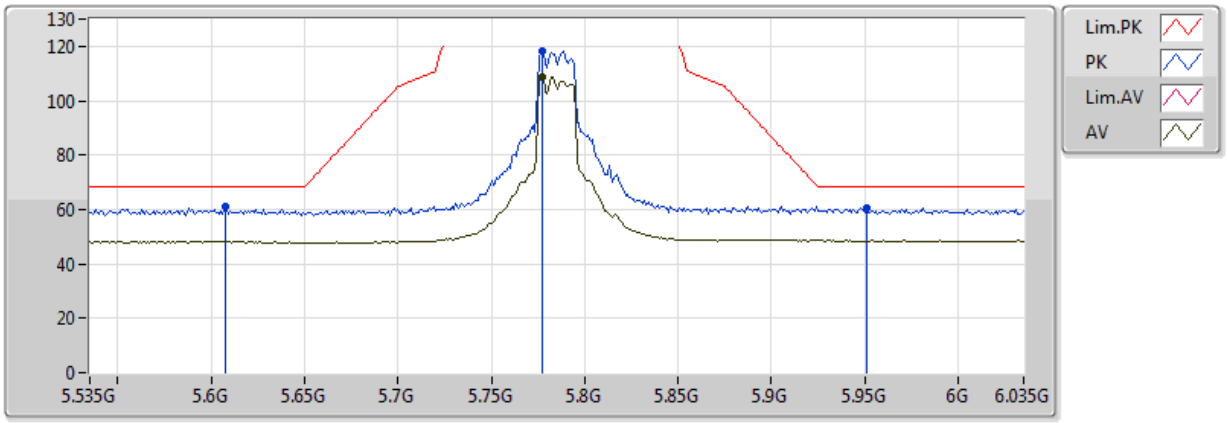


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49744G	44.30	54.00	-9.70	16.89	3	H	211	1.63	-
PK	11.49444G	56.78	74.00	-17.22	16.89	3	H	211	1.63	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

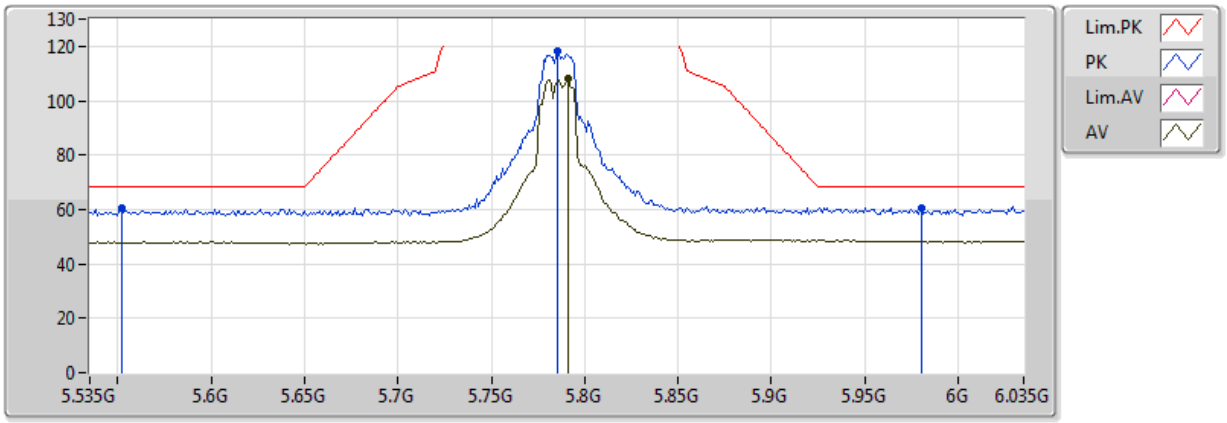


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.777G	108.53	Inf	-Inf	8.25	3	V	33	2.40	-
PK	5.608G	60.95	68.20	-7.25	8.09	3	V	33	2.40	-
PK	5.777G	118.48	Inf	-Inf	8.25	3	V	33	2.40	-
PK	5.951G	60.77	68.20	-7.43	8.60	3	V	33	2.40	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

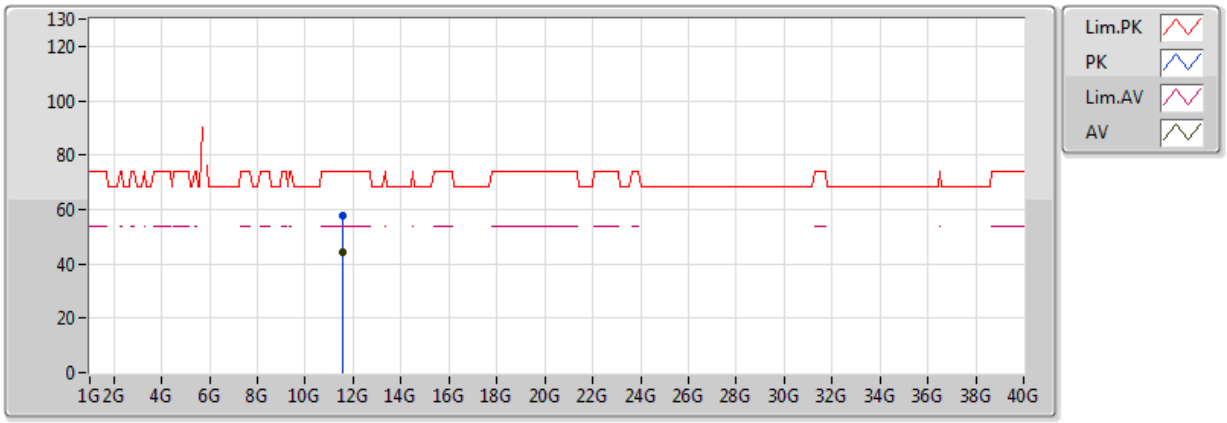


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.791G	107.88	Inf	-Inf	8.26	3	H	344	1.75	-
PK	5.552G	60.43	68.20	-7.77	7.96	3	H	344	1.75	-
PK	5.785G	118.51	Inf	-Inf	8.26	3	H	344	1.75	-
PK	5.98G	60.76	68.20	-7.44	8.67	3	H	344	1.75	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

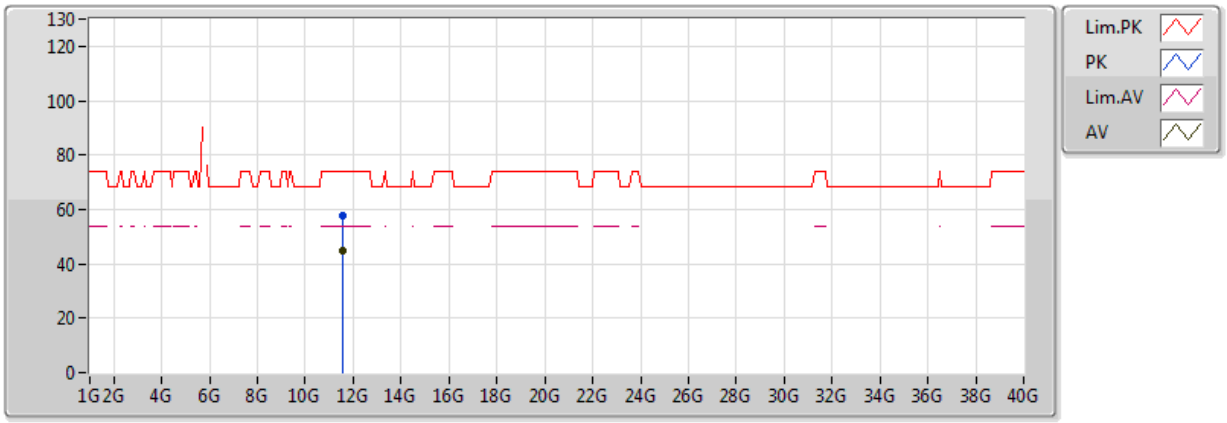


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57834G	44.48	54.00	-9.52	16.84	3	V	343	1.23	-
PK	11.58146G	57.71	74.00	-16.29	16.84	3	V	343	1.23	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

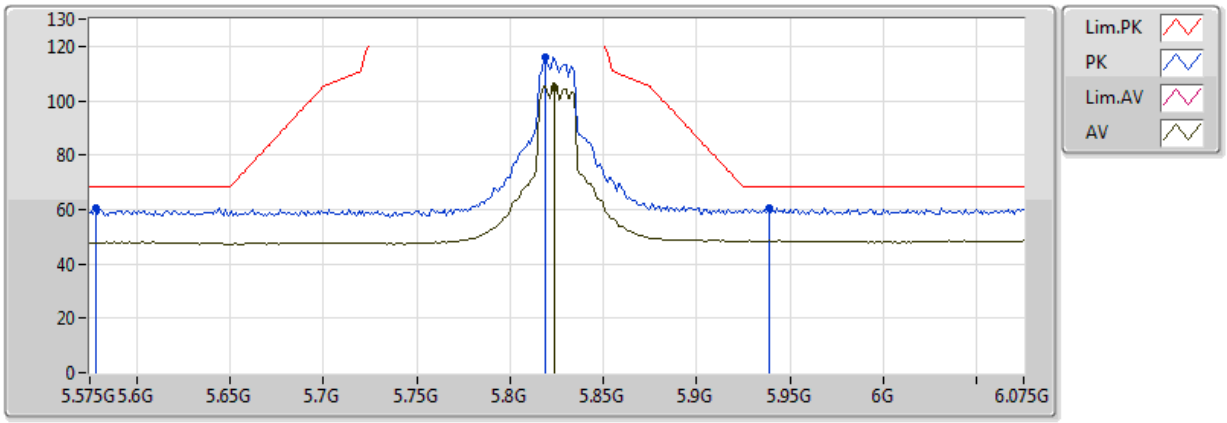


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57996G	44.66	54.00	-9.34	16.84	3	H	266	1.22	-
PK	11.58464G	57.48	74.00	-16.52	16.83	3	H	266	1.22	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

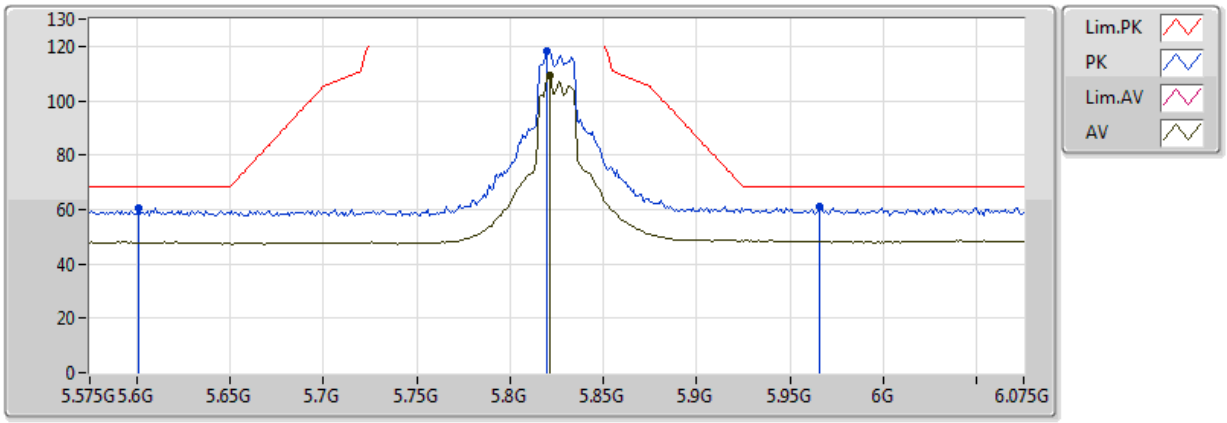


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.824G	104.76	Inf	-Inf	8.32	3	V	0	1.48	-
PK	5.578G	60.39	68.20	-7.81	8.03	3	V	0	1.48	-
PK	5.819G	115.78	Inf	-Inf	8.31	3	V	0	1.48	-
PK	5.939G	60.71	68.20	-7.49	8.58	3	V	0	1.48	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

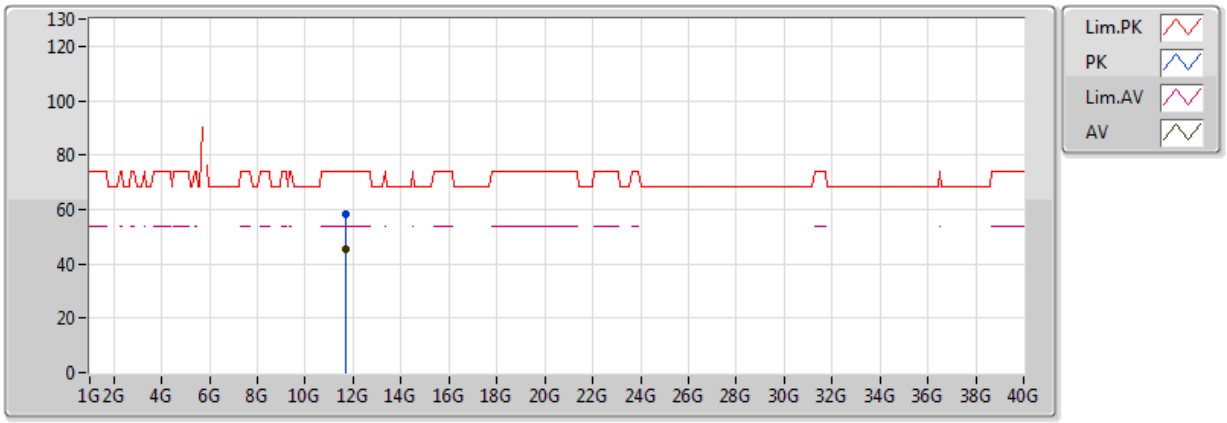


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.821G	109.21	Inf	-Inf	8.32	3	H	343	1.44	-
PK	5.601G	60.59	68.20	-7.61	8.08	3	H	343	1.44	-
PK	5.82G	118.30	Inf	-Inf	8.31	3	H	343	1.44	-
PK	5.966G	60.89	68.20	-7.31	8.64	3	H	343	1.44	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

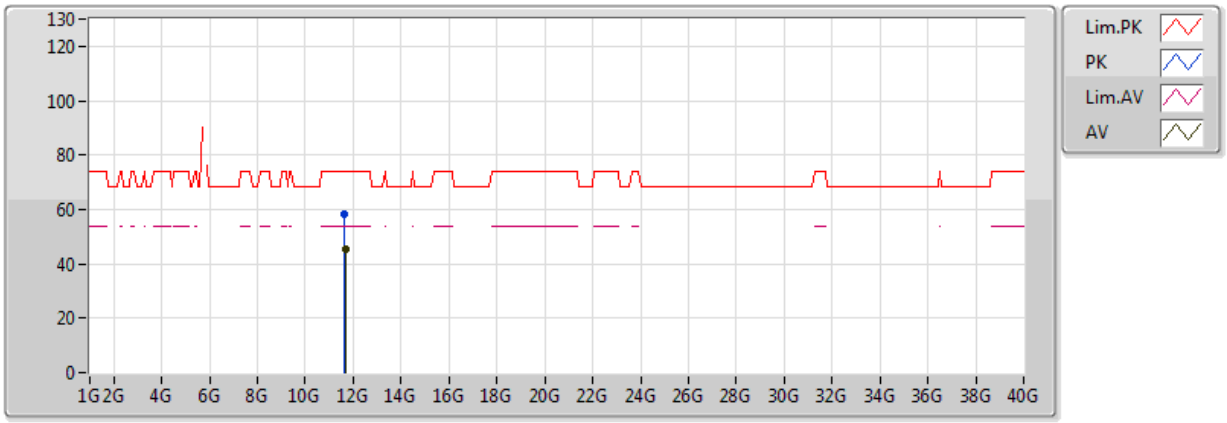


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.665G	45.59	54.00	-8.41	16.78	3	V	151	1.93	-
PK	11.65792G	58.07	74.00	-15.93	16.79	3	V	151	1.93	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

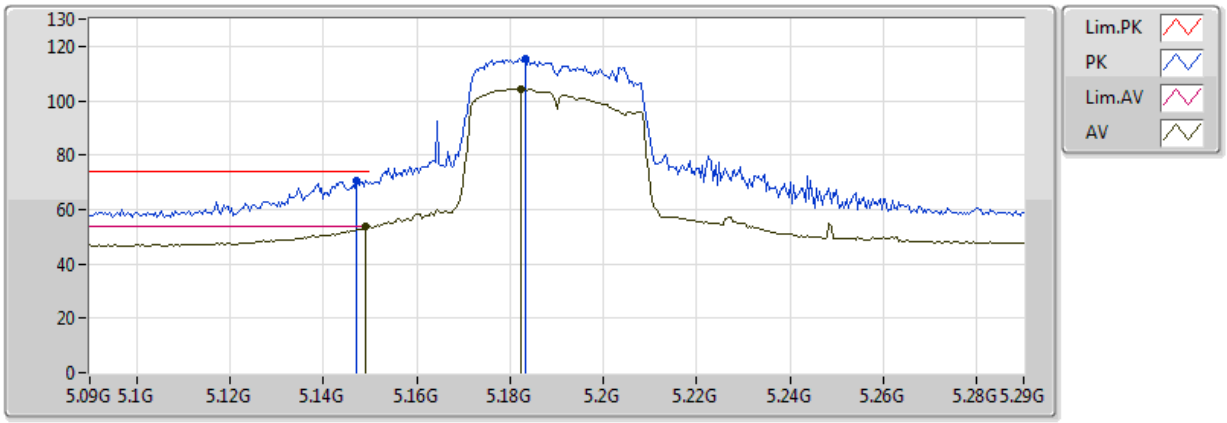


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.66374G	45.52	54.00	-8.48	16.78	3	H	3	1.45	-
PK	11.65132G	58.27	74.00	-15.73	16.79	3	H	3	1.45	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

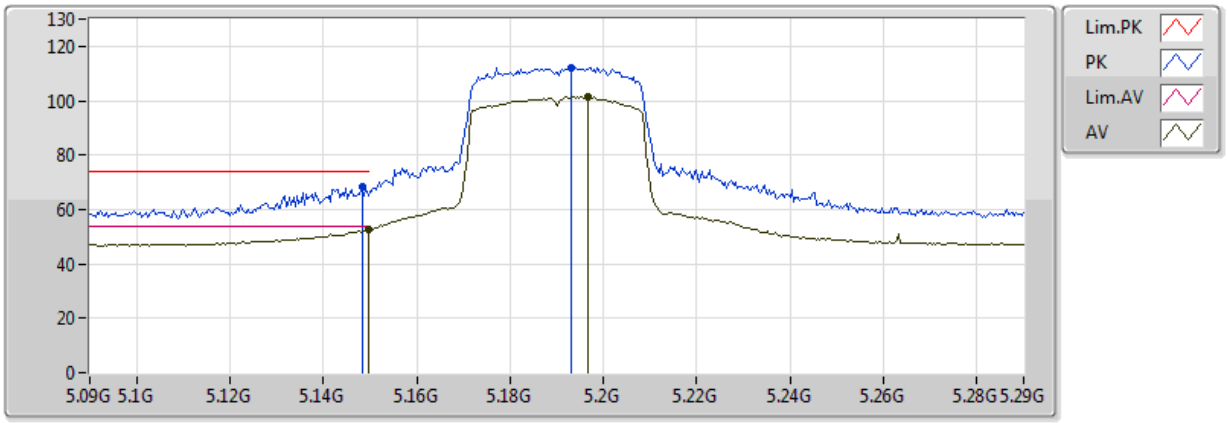


20170712
EUT Y_2TX_TXBF
Setting 23
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1492G	53.94	54.00	-0.06	7.24	3	V	339	2.21	-
AV	5.1824G	104.46	Inf	-Inf	7.27	3	V	339	2.21	-
PK	5.1472G	70.59	74.00	-3.41	7.24	3	V	339	2.21	-
PK	5.1832G	115.35	Inf	-Inf	7.27	3	V	339	2.21	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

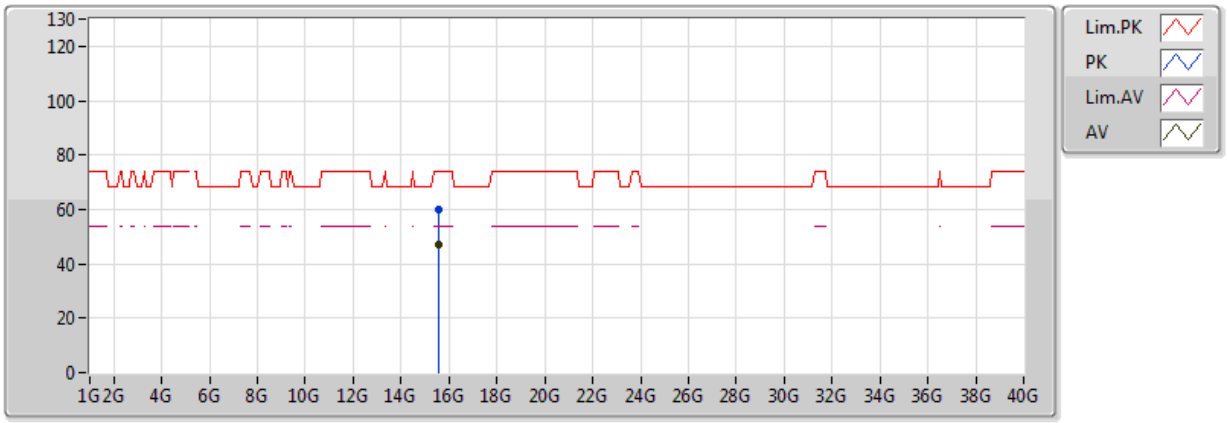


20170712
EUT Y_2TX_TXBF
Setting 23
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1496G	52.43	54.00	-1.57	7.24	3	H	0	1.63	-
AV	5.1968G	101.56	Inf	-Inf	7.29	3	H	0	1.63	-
PK	5.1484G	68.50	74.00	-5.50	7.24	3	H	0	1.63	-
PK	5.1932G	112.11	Inf	-Inf	7.28	3	H	0	1.63	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

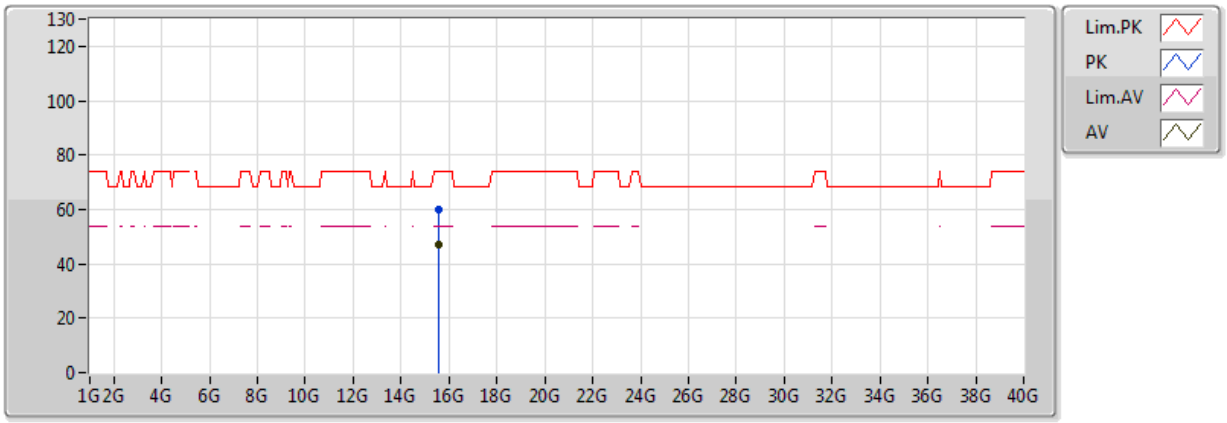


20170712
EUT Y_2TX_TXBF
Setting 23
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.56064G	47.06	54.00	-6.94	17.86	3	V	314	2.47	-
PK	15.58374G	59.88	74.00	-14.12	17.79	3	V	314	2.47	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

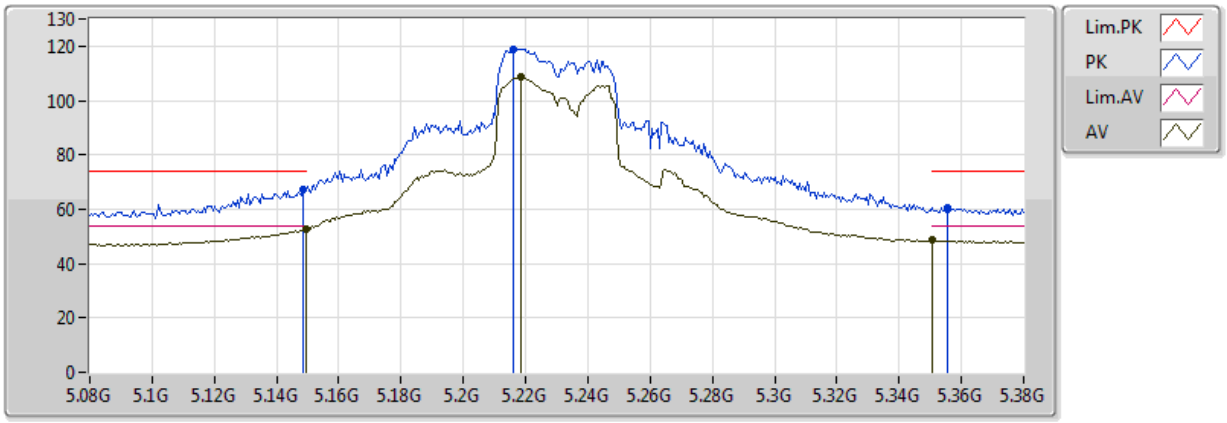


20170712
EUT Y_2TX_TXBF
Setting 23
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.5589G	47.12	54.00	-6.88	17.86	3	H	173	1.47	-
PK	15.56712G	59.84	74.00	-14.16	17.84	3	H	173	1.47	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

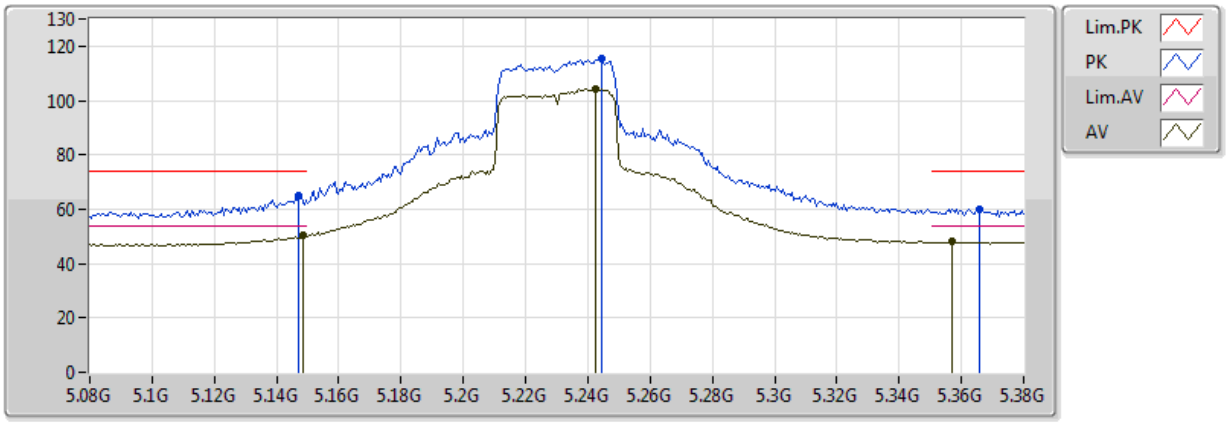


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1496G	52.86	54.00	-1.14	7.24	3	V	338	2.30	-
AV	5.2186G	108.80	Inf	-Inf	7.32	3	V	338	2.30	-
AV	5.3506G	48.58	54.00	-5.42	7.53	3	V	338	2.30	-
PK	5.1484G	67.42	74.00	-6.58	7.24	3	V	338	2.30	-
PK	5.2162G	119.00	Inf	-Inf	7.32	3	V	338	2.30	-
PK	5.3554G	60.61	74.00	-13.39	7.53	3	V	338	2.30	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

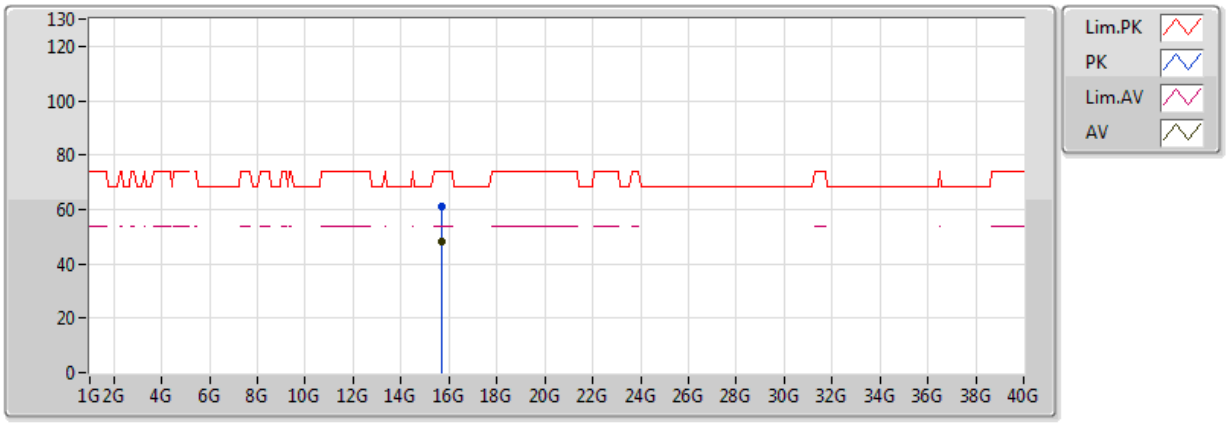


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1484G	50.67	54.00	-3.33	7.24	3	H	0	1.63	-
AV	5.2426G	104.20	Inf	-Inf	7.36	3	H	0	1.63	-
AV	5.3572G	47.95	54.00	-6.05	7.54	3	H	0	1.63	-
PK	5.1472G	64.78	74.00	-9.22	7.24	3	H	0	1.63	-
PK	5.2444G	115.60	Inf	-Inf	7.36	3	H	0	1.63	-
PK	5.3656G	60.14	74.00	-13.86	7.55	3	H	0	1.63	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

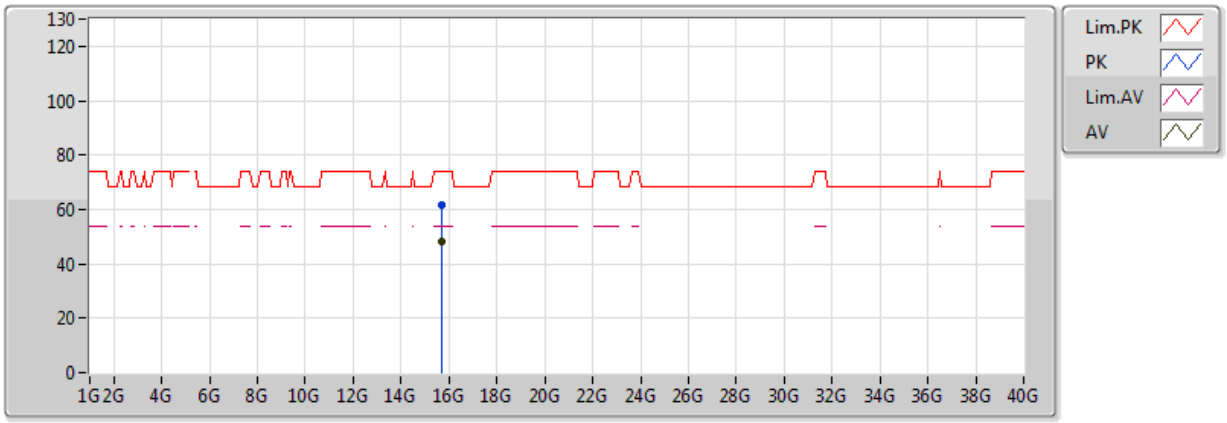


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.68772G	47.99	54.00	-6.01	17.50	3	V	103	1.14	-
PK	15.70212G	61.01	74.00	-12.99	17.46	3	V	103	1.14	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

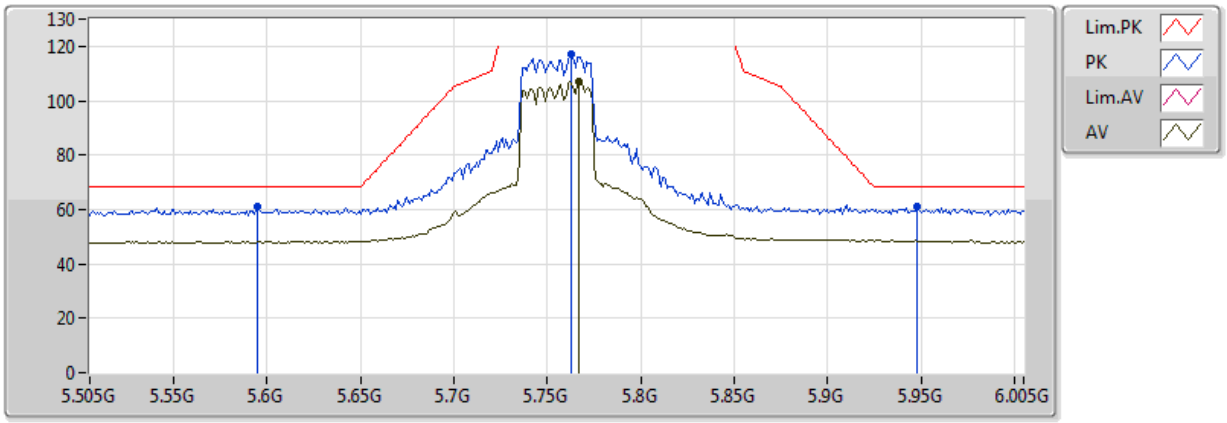


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.6819G	47.98	54.00	-6.02	17.51	3	H	9	1.23	-
PK	15.69102G	61.40	74.00	-12.60	17.49	3	H	9	1.23	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

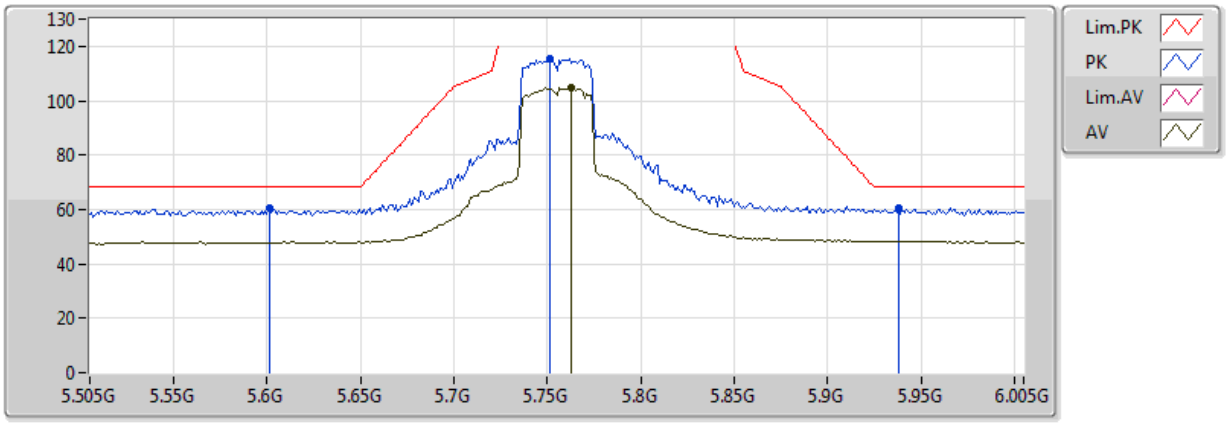


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.767G	107.08	Inf	-Inf	8.24	3	V	215	2.24	-
PK	5.595G	61.19	68.20	-7.01	8.07	3	V	215	2.24	-
PK	5.763G	116.86	Inf	-Inf	8.24	3	V	215	2.24	-
PK	5.948G	60.82	68.20	-7.38	8.60	3	V	215	2.24	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

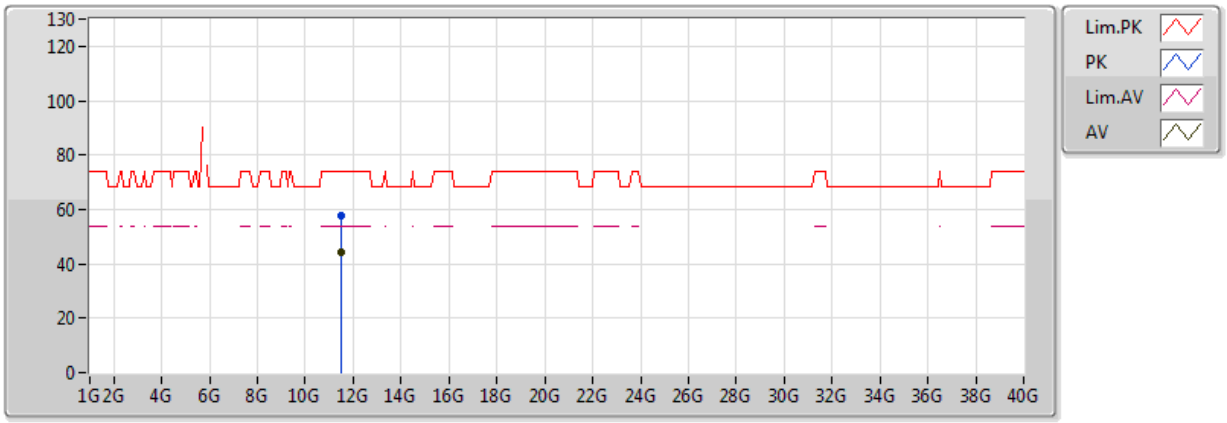


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.763G	104.86	Inf	-Inf	8.24	3	H	242	1.91	-
PK	5.601G	60.33	68.20	-7.87	8.08	3	H	242	1.91	-
PK	5.751G	115.26	Inf	-Inf	8.23	3	H	242	1.91	-
PK	5.938G	60.27	68.20	-7.93	8.57	3	H	242	1.91	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

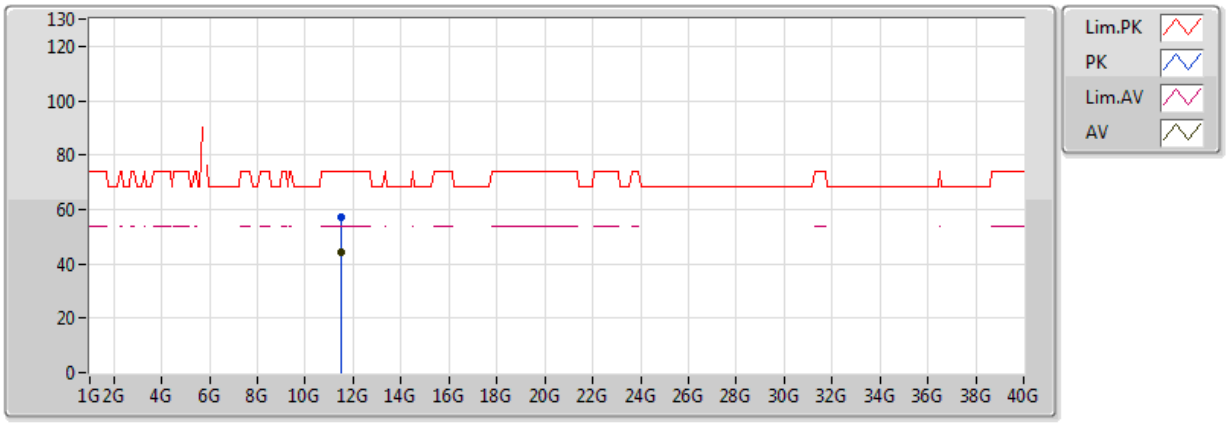


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.50406G	44.08	54.00	-9.92	16.89	3	V	346	1.37	-
PK	11.52056G	57.49	74.00	-16.51	16.88	3	V	346	1.37	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

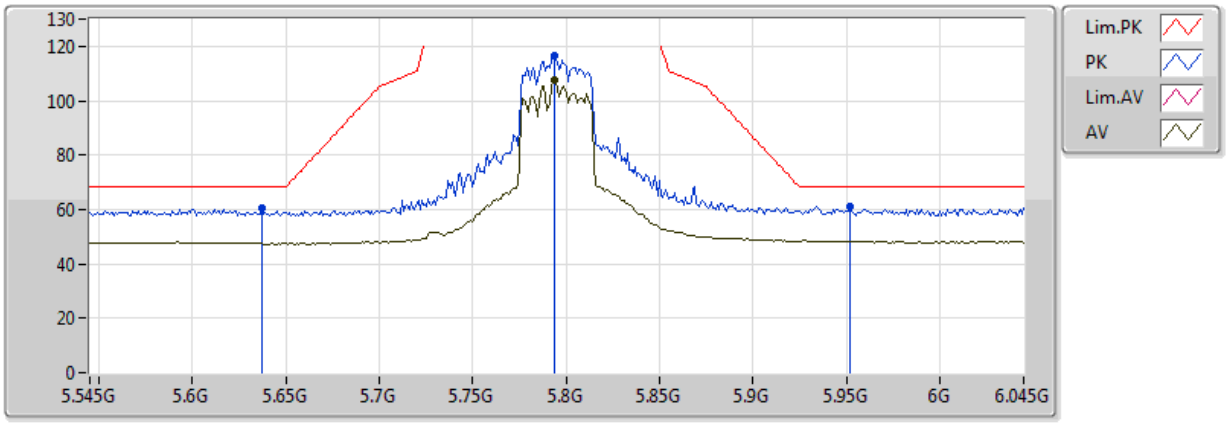


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.51312G	44.21	54.00	-9.79	16.88	3	H	245	1.81	-
PK	11.49752G	57.17	74.00	-16.83	16.89	3	H	245	1.81	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

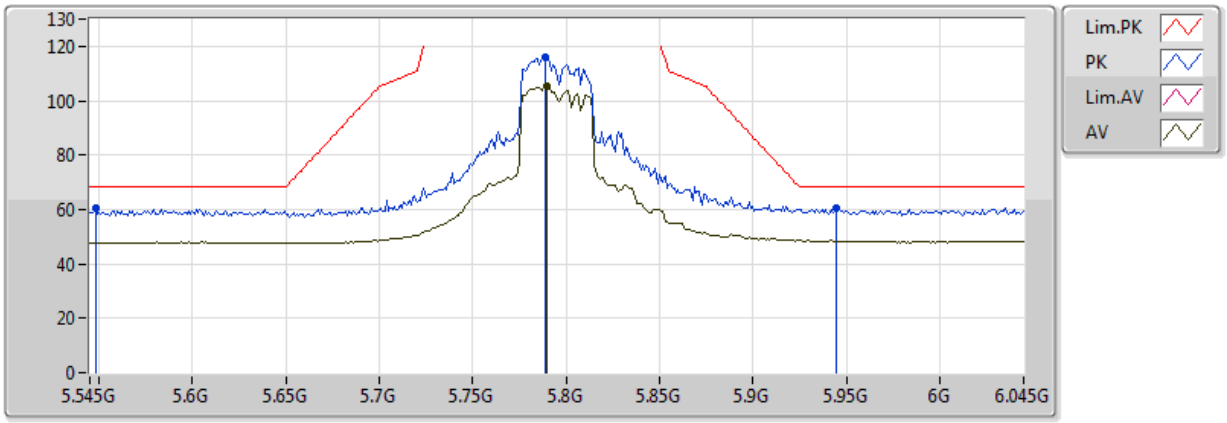


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.794G	107.41	Inf	-Inf	8.26	3	V	225	2.25	-
PK	5.637G	60.74	68.20	-7.46	8.12	3	V	225	2.25	-
PK	5.794G	116.45	Inf	-Inf	8.26	3	V	225	2.25	-
PK	5.952G	61.09	68.20	-7.11	8.60	3	V	225	2.25	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

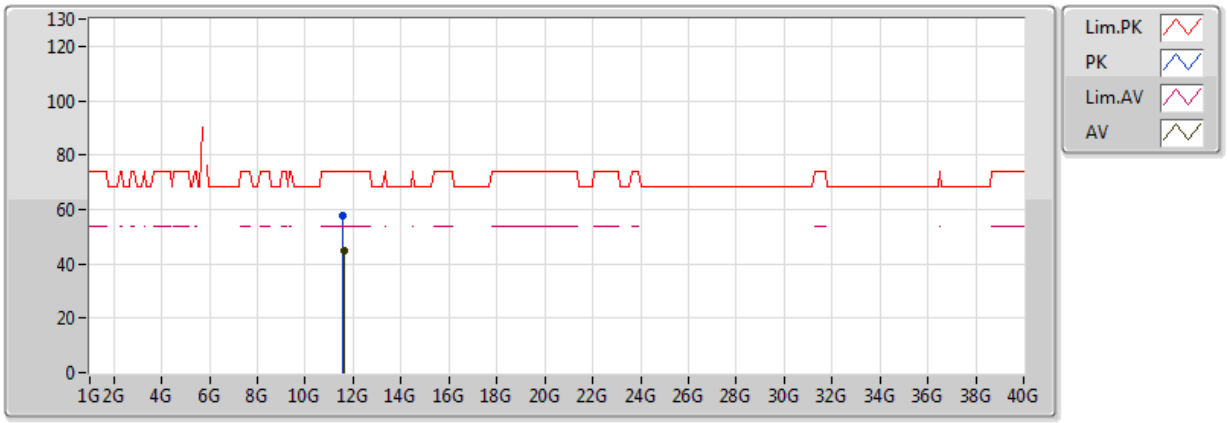


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.79G	105.24	Inf	-Inf	8.26	3	H	162	1.68	-
PK	5.548G	60.57	68.20	-7.63	7.95	3	H	162	1.68	-
PK	5.789G	115.82	Inf	-Inf	8.26	3	H	162	1.68	-
PK	5.945G	60.50	68.20	-7.70	8.59	3	H	162	1.68	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

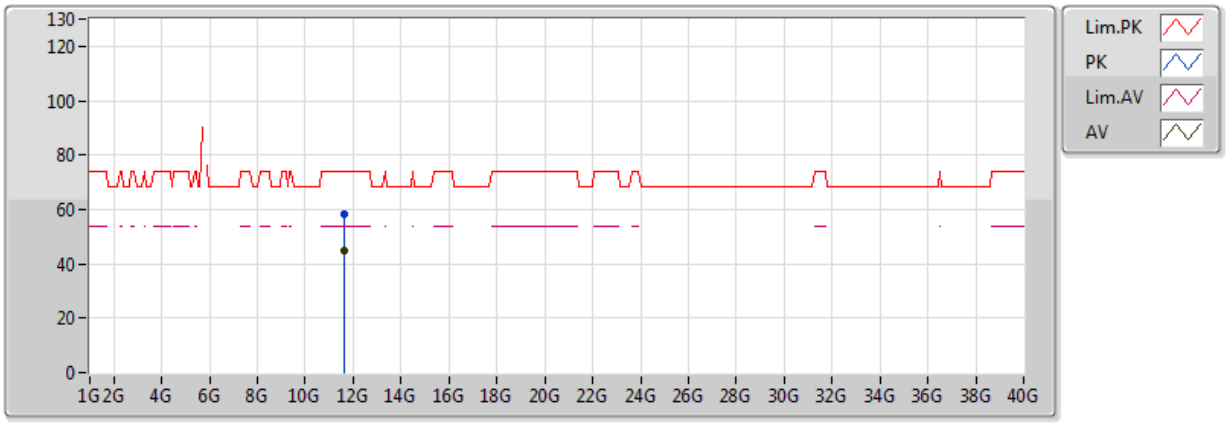


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.5993G	44.98	54.00	-9.02	16.82	3	V	162	1.43	-
PK	11.58778G	57.75	74.00	-16.25	16.83	3	V	162	1.43	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

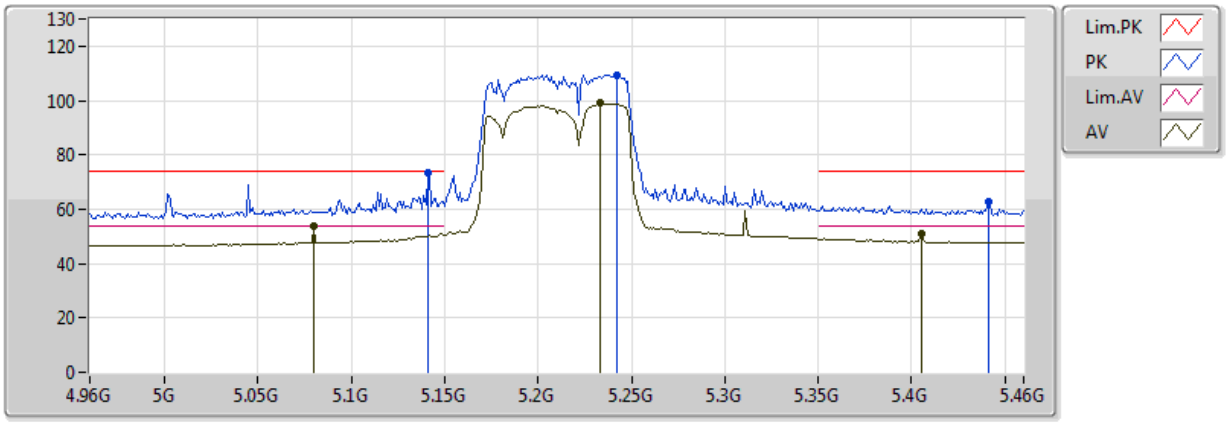


20170712
EUT Y_2TX_TXBF
Setting 30
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.5987G	44.78	54.00	-9.22	16.82	3	H	52	2.47	-
PK	11.59714G	58.06	74.00	-15.94	16.83	3	H	52	2.47	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

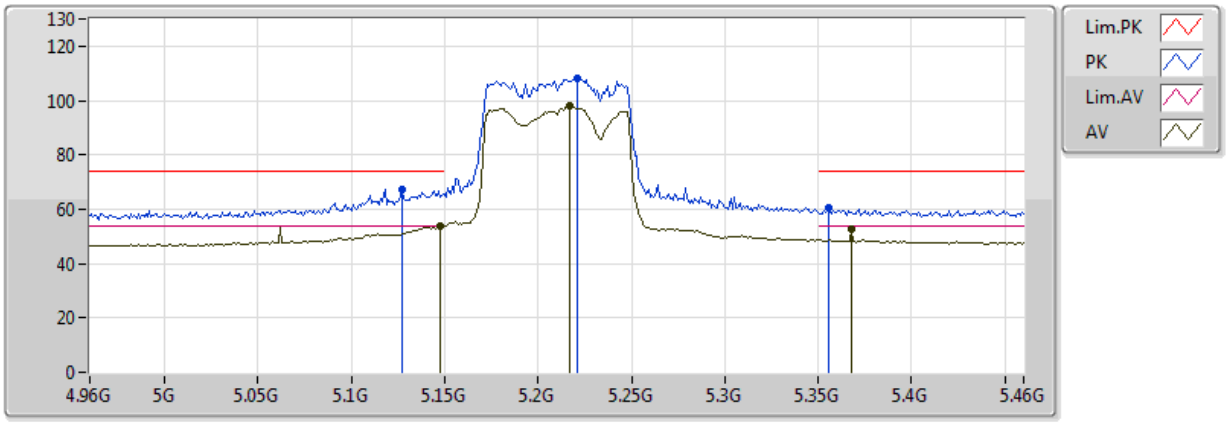


20170712
EUT Y_2TX_TXBF
Setting 22
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.08G	53.77	54.00	-0.23	7.18	3	V	160	2.35	-
AV	5.233G	99.12	Inf	-Inf	7.34	3	V	160	2.35	-
AV	5.405G	50.87	54.00	-3.13	7.61	3	V	160	2.35	-
PK	5.141G	73.55	74.00	-0.45	7.24	3	V	160	2.35	-
PK	5.242G	109.46	Inf	-Inf	7.36	3	V	160	2.35	-
PK	5.441G	62.97	74.00	-11.03	7.69	3	V	160	2.35	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

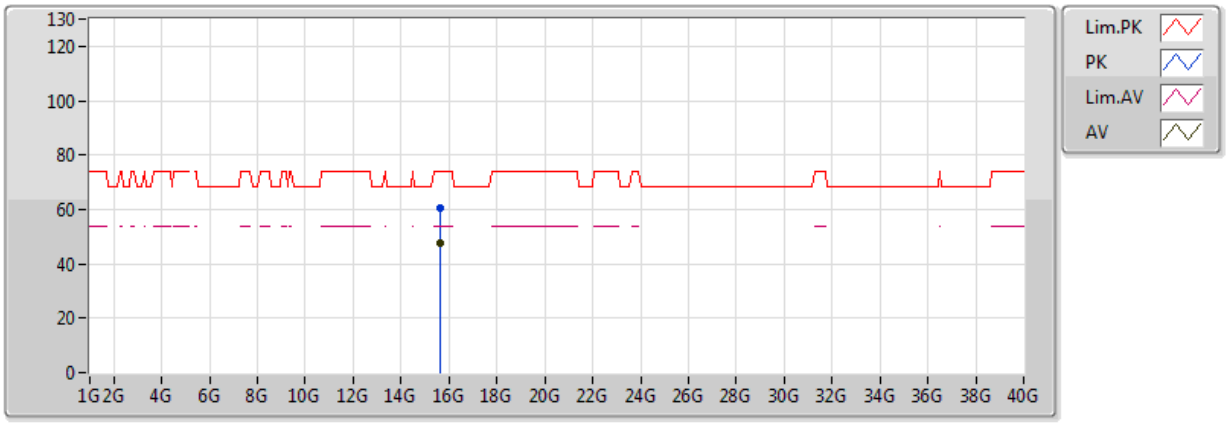


20170712
EUT Y_2TX_TXBF
Setting 22
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.148G	53.80	54.00	-0.20	7.24	3	H	196	2.75	-
AV	5.217G	97.96	Inf	-Inf	7.32	3	H	196	2.75	-
AV	5.368G	52.48	54.00	-1.52	7.55	3	H	196	2.75	-
PK	5.127G	67.11	74.00	-6.89	7.22	3	H	196	2.75	-
PK	5.221G	108.17	Inf	-Inf	7.32	3	H	196	2.75	-
PK	5.356G	60.42	74.00	-13.58	7.53	3	H	196	2.75	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

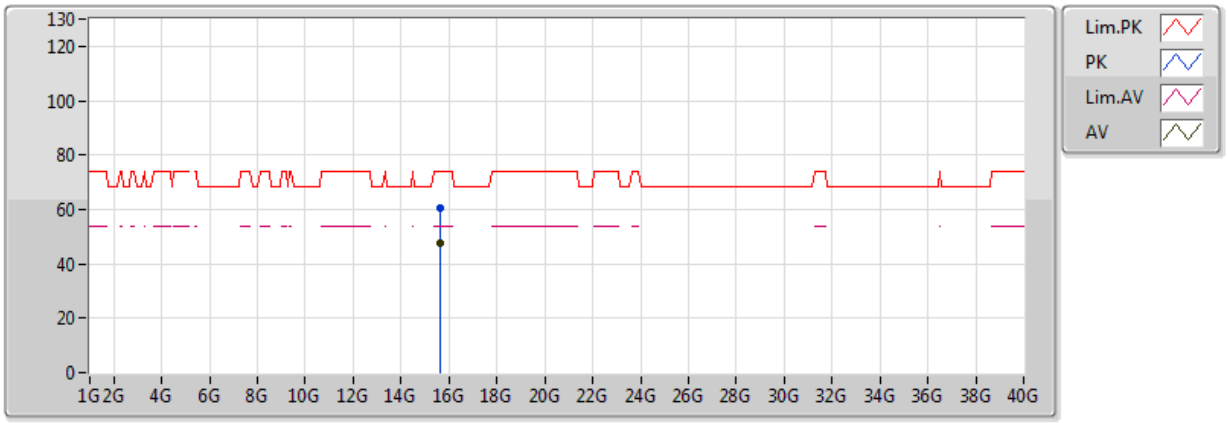


20170712
EUT Y_2TX_TXBF
Setting 22
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.63102G	47.38	54.00	-6.62	17.66	3	V	253	2.13	-
PK	15.62814G	60.53	74.00	-13.47	17.67	3	V	253	2.13	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

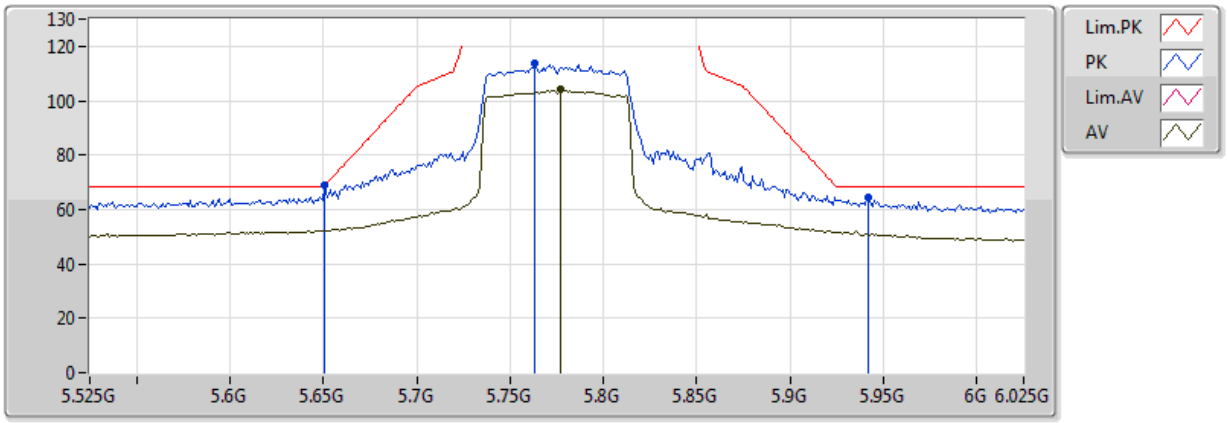


20170712
EUT Y_2TX_TXBF
Setting 22
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.61848G	47.39	54.00	-6.61	17.69	3	H	183	2.48	-
PK	15.63678G	60.24	74.00	-13.76	17.64	3	H	183	2.48	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

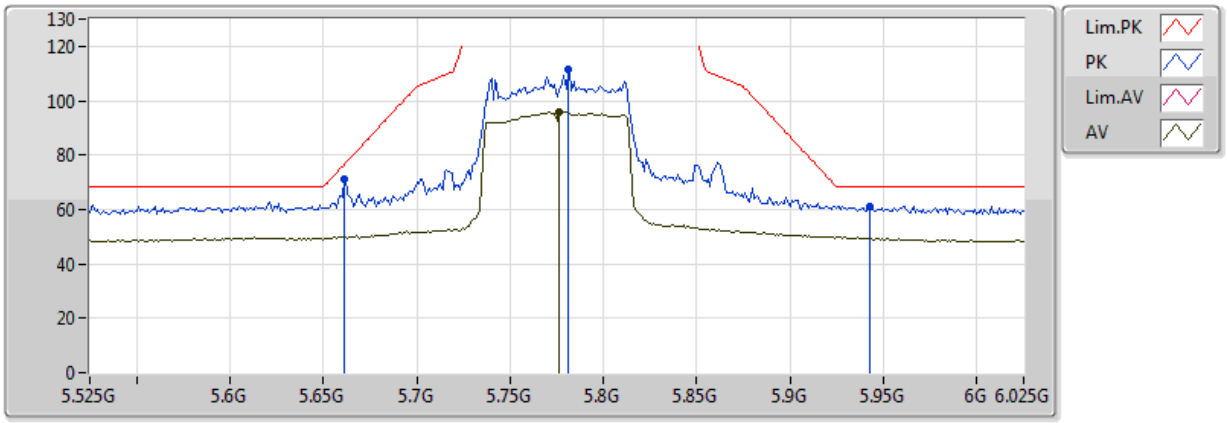


20170712
EUT Y_2TX_TXBF
Setting 24
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.777G	103.99	Inf	-Inf	8.25	3	V	188	2.21	-
PK	5.651G	68.92	68.94	-0.02	8.13	3	V	188	2.21	-
PK	5.763G	113.51	Inf	-Inf	8.24	3	V	188	2.21	-
PK	5.942G	64.26	68.20	-3.94	8.58	3	V	188	2.21	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

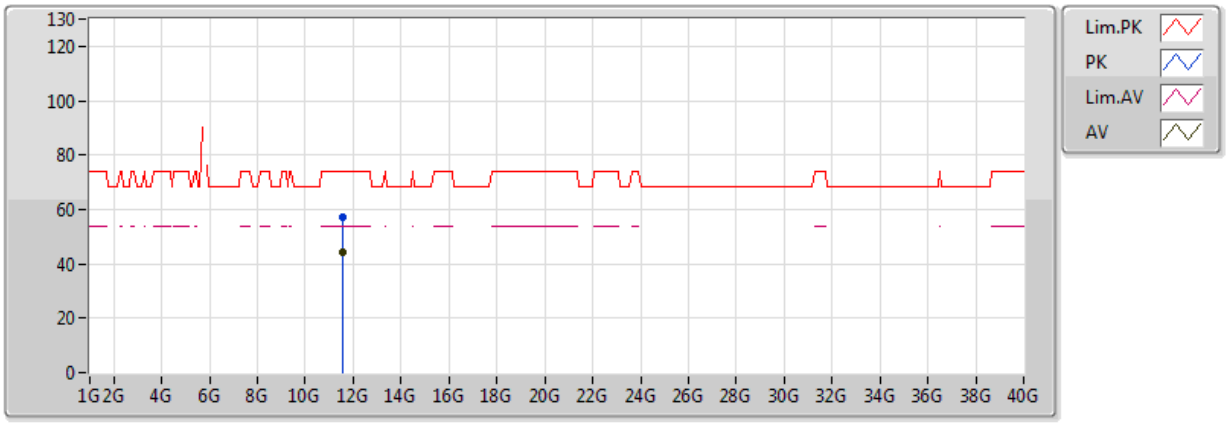


20170712
EUT Y_2TX_TXBF
Setting 24
06-J-4-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.776G	95.78	Inf	-Inf	8.25	3	H	124	1.50	-
PK	5.661G	70.91	76.34	-5.43	8.14	3	H	124	1.50	-
PK	5.781G	111.59	Inf	-Inf	8.25	3	H	124	1.50	-
PK	5.943G	61.24	68.20	-6.96	8.58	3	H	124	1.50	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

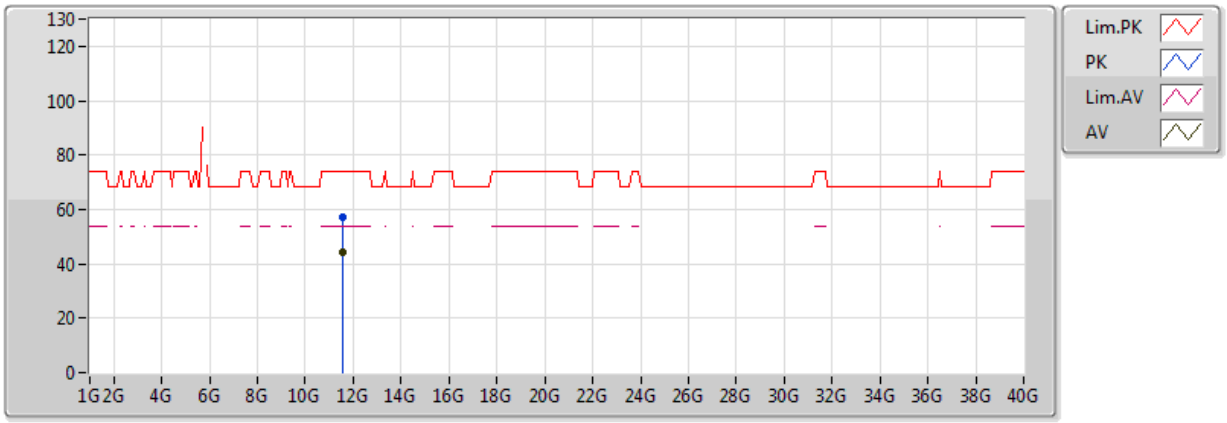


20170712
EUT Y_2TX_TXBF
Setting 24
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.56254G	44.32	54.00	-9.68	16.85	3	V	46	1.21	-
PK	11.53926G	57.31	74.00	-16.69	16.86	3	V	46	1.21	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX



20170712
EUT Y_2TX_TXBF
Setting 24
06-J-4
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.56446G	44.51	54.00	-9.49	16.85	3	H	135	2.22	-
PK	11.56218G	57.27	74.00	-16.73	16.85	3	H	135	2.22	-

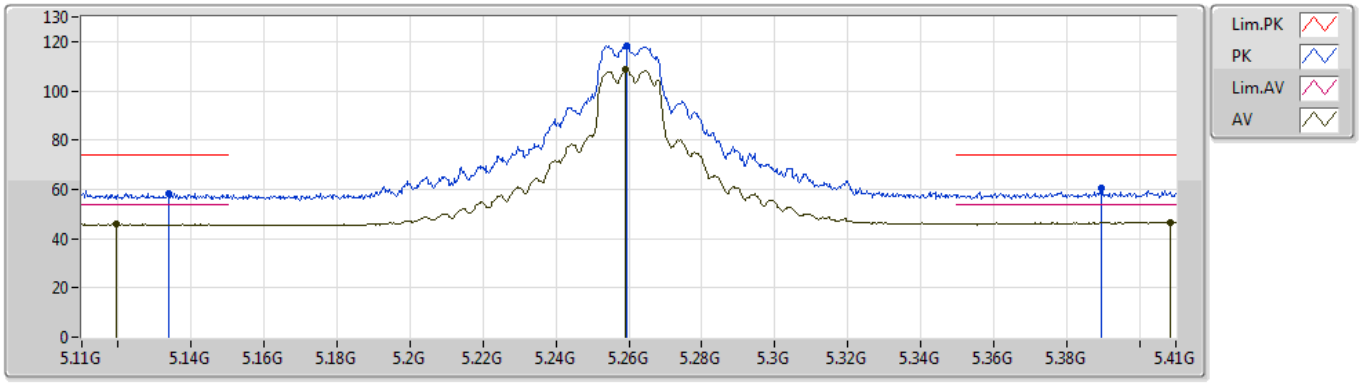
For Band 2~Band 3
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	PK	5.4686G	68.18	68.20	-0.02	6.46	3	Horizontal	76	2.50

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

17/04/2019



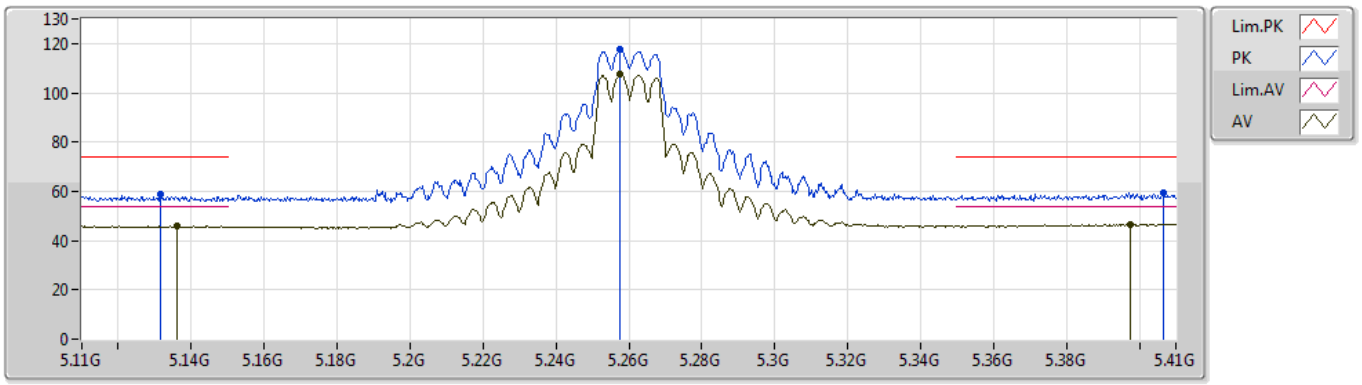
EUT Y_2TX
Setting 24.5
03-B-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1337G	58.55	74.00	-15.45	5.80	3	Vertical	341	2.16	-
AV	5.1196G	45.87	54.00	-8.13	5.78	3	Vertical	341	2.16	-
PK	5.2594G	118.32	Inf	-Inf	6.10	3	Vertical	341	2.16	-
AV	5.2591G	108.66	Inf	-Inf	6.10	3	Vertical	341	2.16	-
PK	5.3896G	60.34	74.00	-13.66	6.38	3	Vertical	341	2.16	-
AV	5.4085G	46.77	54.00	-7.23	6.41	3	Vertical	341	2.16	-

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

17/04/2019



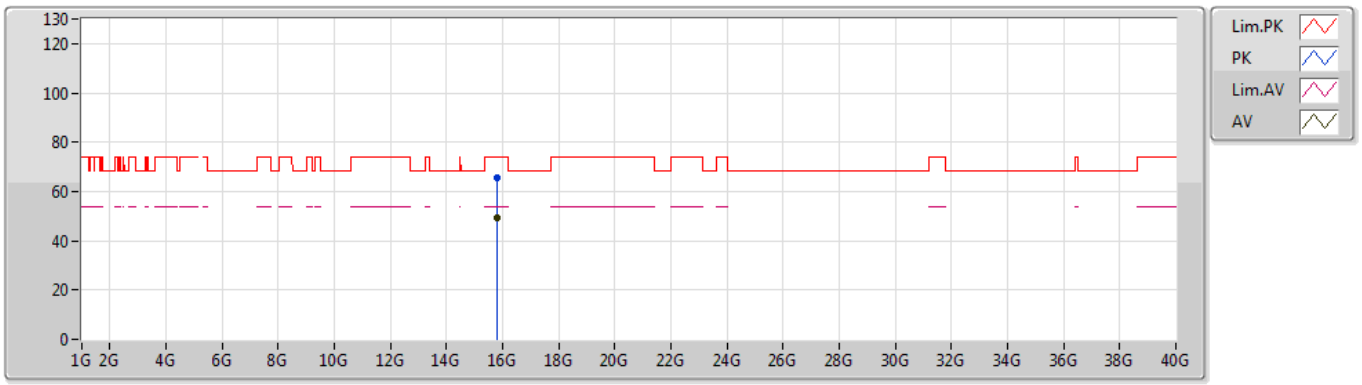
EUT Y_2TX
Setting 24.5
03-B-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1316G	58.69	74.00	-15.31	5.80	3	Horizontal	69	2.01	-
AV	5.1361G	45.99	54.00	-8.01	5.81	3	Horizontal	69	2.01	-
PK	5.2576G	117.76	Inf	-Inf	6.09	3	Horizontal	69	2.01	-
AV	5.2576G	107.37	Inf	-Inf	6.09	3	Horizontal	69	2.01	-
PK	5.4067G	59.48	74.00	-14.52	6.41	3	Horizontal	69	2.01	-
AV	5.3974G	46.48	54.00	-7.52	6.40	3	Horizontal	69	2.01	-

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

17/04/2019



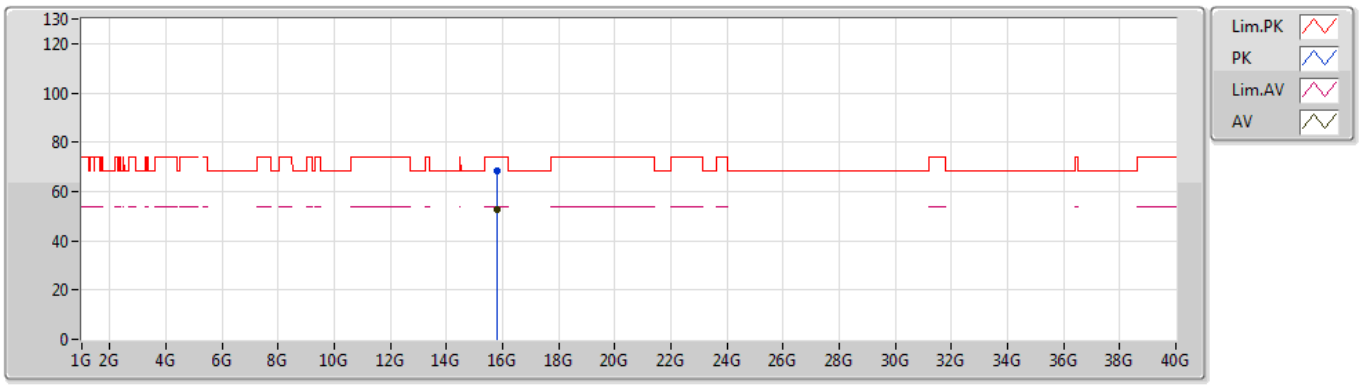
EUT Y_2TX
Setting 24.5
03-B-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.78618G	65.54	74.00	-8.46	14.32	3	Vertical	187	1.74	-
AV	15.78072G	49.36	54.00	-4.64	14.35	3	Vertical	187	1.74	-

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

17/04/2019



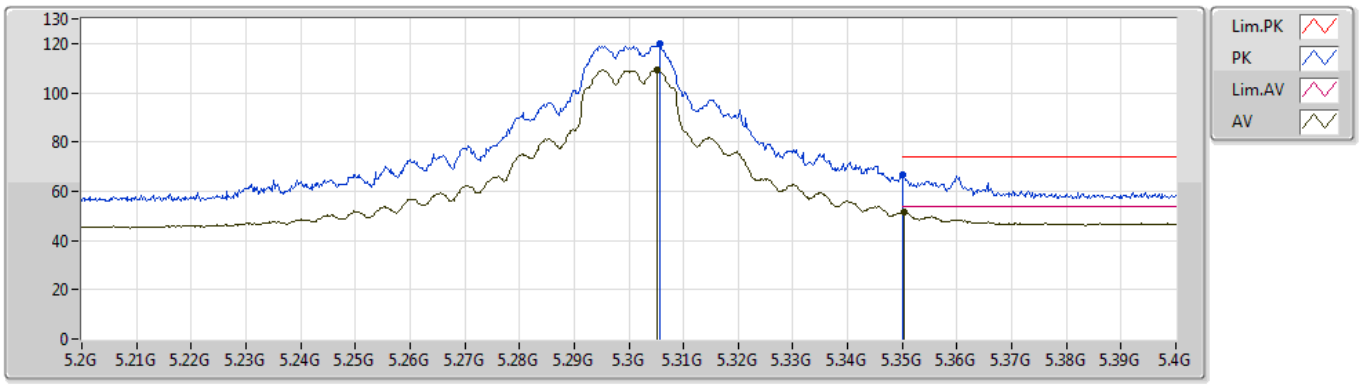
EUT Y_2TX
Setting 24.5
03-B-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.7863G	68.50	74.00	-5.50	14.32	3	Horizontal	231	1.63	-
AV	15.78075G	52.55	54.00	-1.45	14.35	3	Horizontal	231	1.63	-

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

17/04/2019



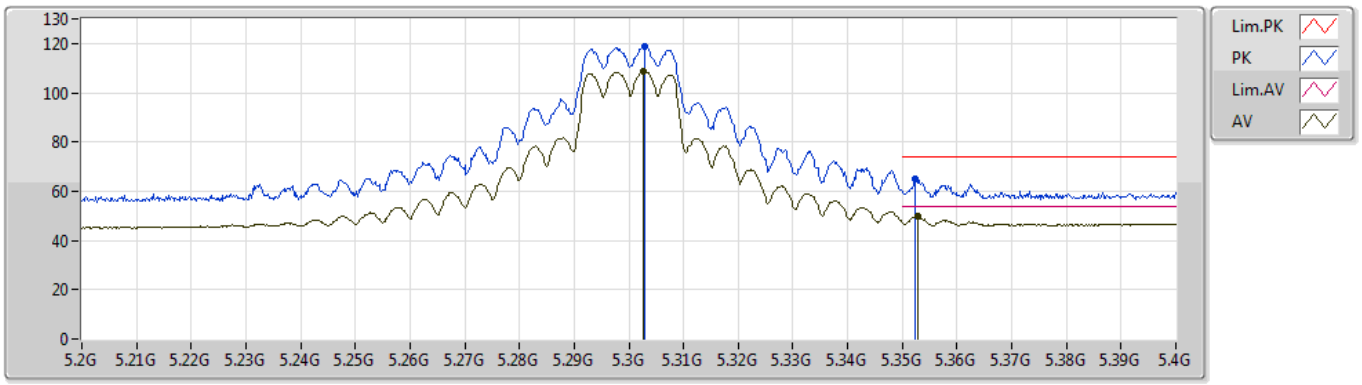
EUT Y_2TX
Setting 24.5
03-B-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3056G	119.72	Inf	-Inf	6.24	3	Vertical	347	2.36	-
AV	5.3052G	109.47	Inf	-Inf	6.23	3	Vertical	347	2.36	-
PK	5.35G	66.94	74.00	-7.06	6.31	3	Vertical	347	2.36	-
AV	5.3504G	51.56	54.00	-2.44	6.31	3	Vertical	347	2.36	-

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

17/04/2019



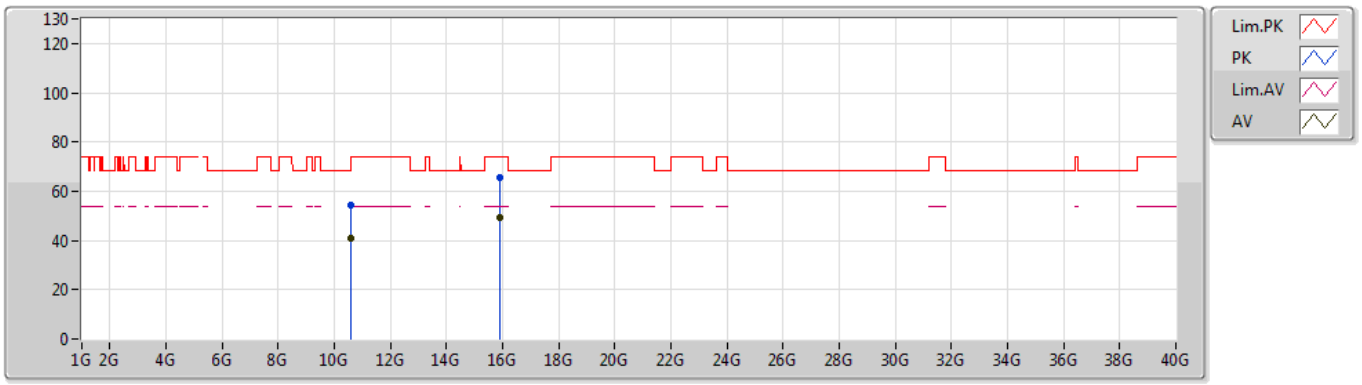
EUT Y_2TX
Setting 24.5
03-B-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3028G	118.82	Inf	-Inf	6.22	3	Horizontal	74	1.96	-
AV	5.3026G	108.54	Inf	-Inf	6.22	3	Horizontal	74	1.96	-
PK	5.3524G	64.84	74.00	-9.16	6.31	3	Horizontal	74	1.96	-
AV	5.3528G	49.94	54.00	-4.06	6.31	3	Horizontal	74	1.96	-

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

17/04/2019



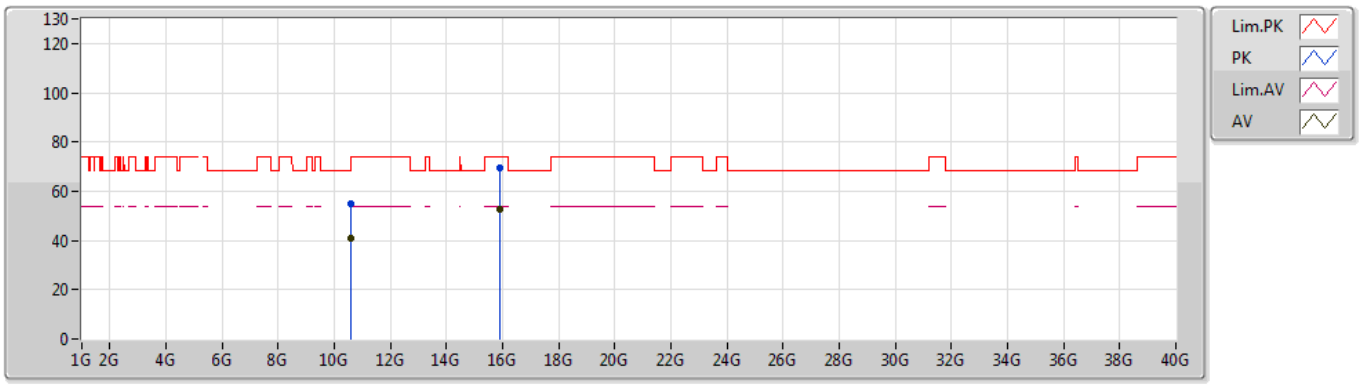
EUT Y_2TX
Setting 24.5
03-B-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.60744G	54.30	74.00	-19.70	13.41	3	Vertical	324	1.50	-
AV	10.6068G	41.10	54.00	-12.90	13.41	3	Vertical	324	1.50	-
PK	15.90655G	65.62	74.00	-8.38	13.87	3	Vertical	188	1.77	-
AV	15.9016G	49.58	54.00	-4.42	13.90	3	Vertical	188	1.77	-

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

17/04/2019



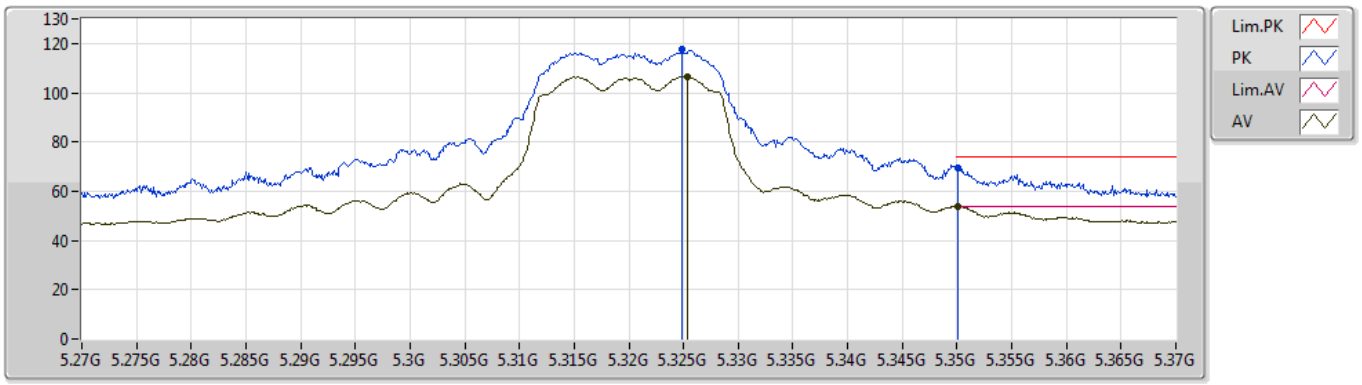
EUT Y_2TX
Setting 24.5
03-B-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.60435G	54.77	74.00	-19.23	13.40	3	Horizontal	194	1.26	-
AV	10.608G	40.94	54.00	-13.06	13.41	3	Horizontal	194	1.26	-
PK	15.90645G	69.59	74.00	-4.41	13.87	3	Horizontal	230	1.65	-
AV	15.90105G	52.46	54.00	-1.54	13.90	3	Horizontal	230	1.65	-

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

17/04/2019



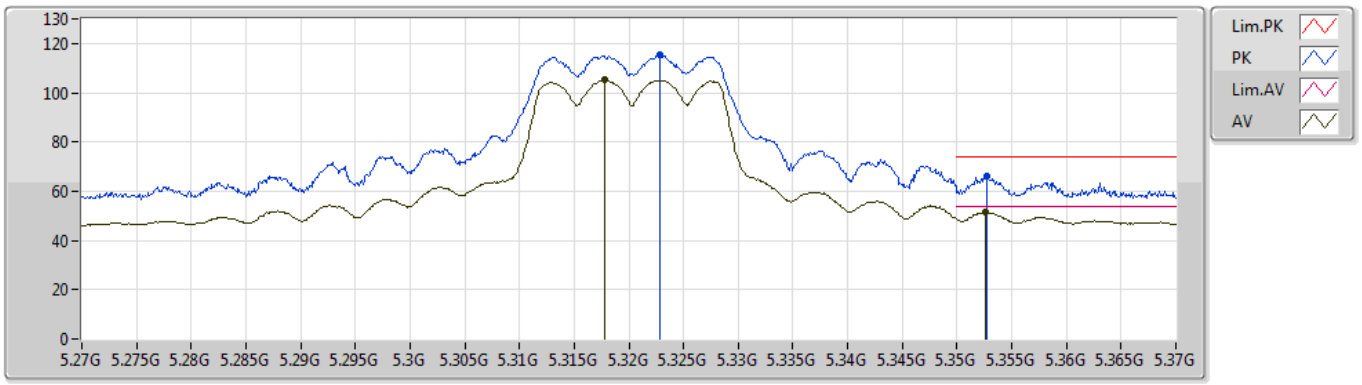
EUT Y_2TX
Setting 20.5
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3248G	117.72	Inf	-Inf	6.26	3	Vertical	346	2.34	-
AV	5.3253G	106.67	Inf	-Inf	6.27	3	Vertical	346	2.34	-
PK	5.3501G	69.51	74.00	-4.49	6.31	3	Vertical	346	2.34	-
AV	5.3501G	53.93	54.00	-0.07	6.31	3	Vertical	346	2.34	-

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

17/04/2019



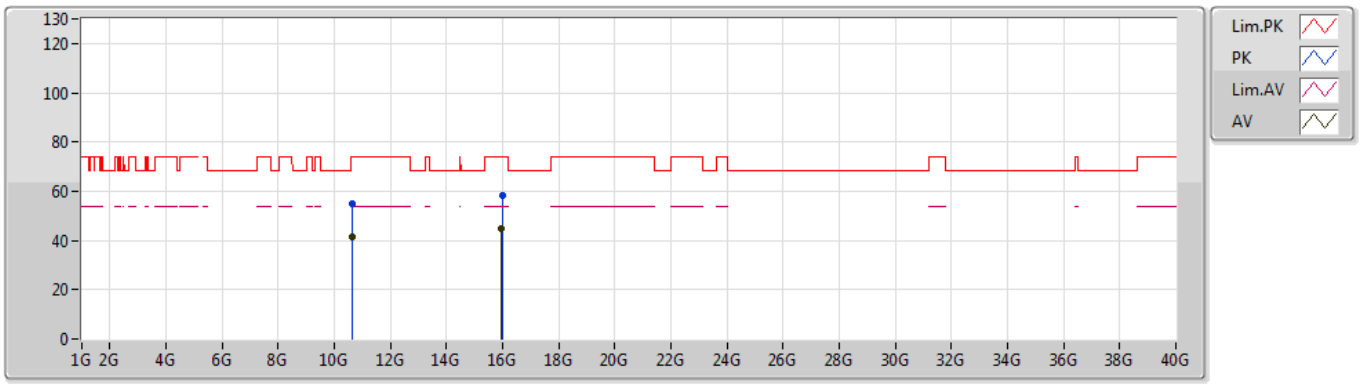
EUT Y_2TX
Setting 20.5
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3228G	115.23	Inf	-Inf	6.26	3	Horizontal	73	1.95	-
AV	5.3178G	105.15	Inf	-Inf	6.26	3	Horizontal	73	1.95	-
PK	5.3527G	66.00	74.00	-8.00	6.31	3	Horizontal	73	1.95	-
AV	5.3526G	51.40	54.00	-2.60	6.31	3	Horizontal	73	1.95	-

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

17/04/2019



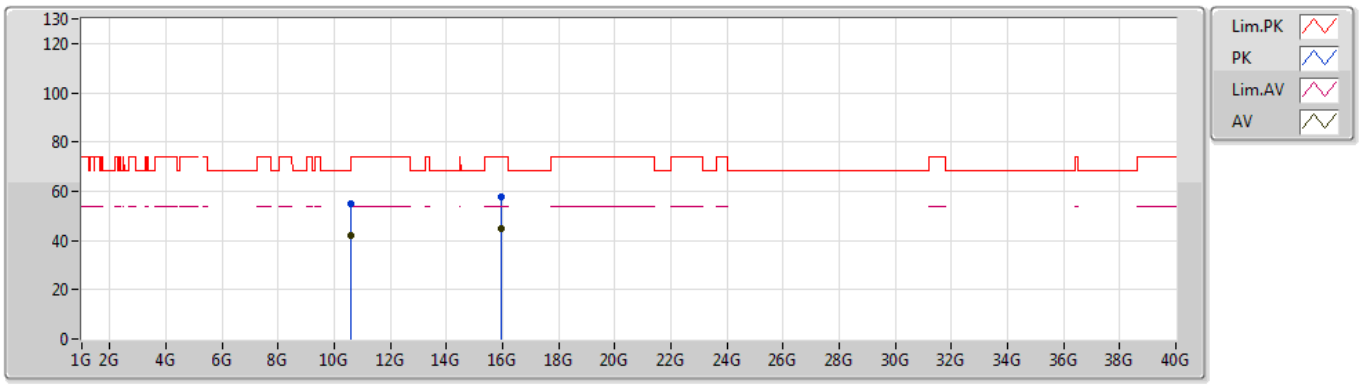
EUT Y_2TX
Setting 20.5
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.64888G	54.94	74.00	-19.06	13.46	3	Vertical	284	2.34	-
AV	10.65254G	41.37	54.00	-12.63	13.47	3	Vertical	284	2.34	-
PK	15.99112G	58.26	74.00	-15.74	13.56	3	Vertical	146	1.79	-
AV	15.96152G	44.80	54.00	-9.20	13.67	3	Vertical	146	1.79	-

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

17/04/2019



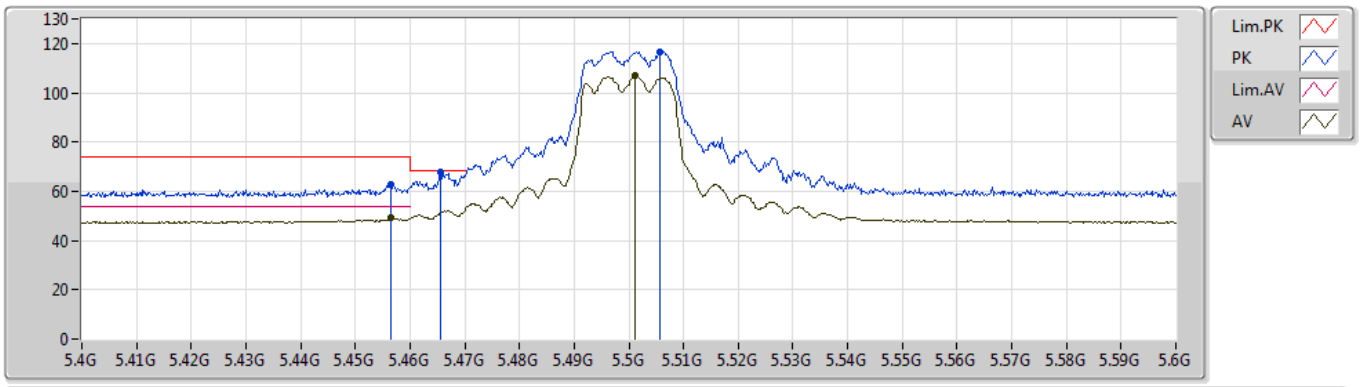
EUT Y_2TX
Setting 20.5
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.60504G	54.93	74.00	-19.07	13.40	3	Horizontal	269	1.69	-
AV	10.60024G	41.84	54.00	-12.16	13.40	3	Horizontal	269	1.69	-
PK	15.97408G	57.92	74.00	-16.08	13.62	3	Horizontal	144	1.59	-
AV	15.96824G	44.84	54.00	-9.16	13.64	3	Horizontal	144	1.59	-

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

17/04/2019



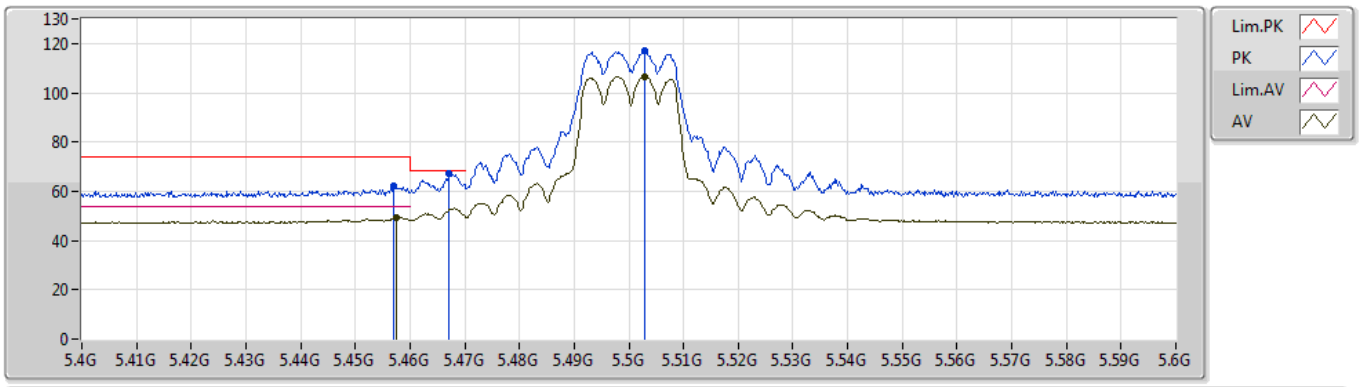
EUT Y_2TX
Setting 20.5
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4566G	62.96	74.00	-11.04	6.45	3	Vertical	31	2.34	-
AV	5.4566G	49.11	54.00	-4.89	6.45	3	Vertical	31	2.34	-
PK	5.4656G	67.85	68.20	-0.35	6.46	3	Vertical	31	2.34	-
PK	5.5058G	116.81	Inf	-Inf	6.48	3	Vertical	31	2.34	-
AV	5.5012G	106.76	Inf	-Inf	6.49	3	Vertical	31	2.34	-

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

17/04/2019



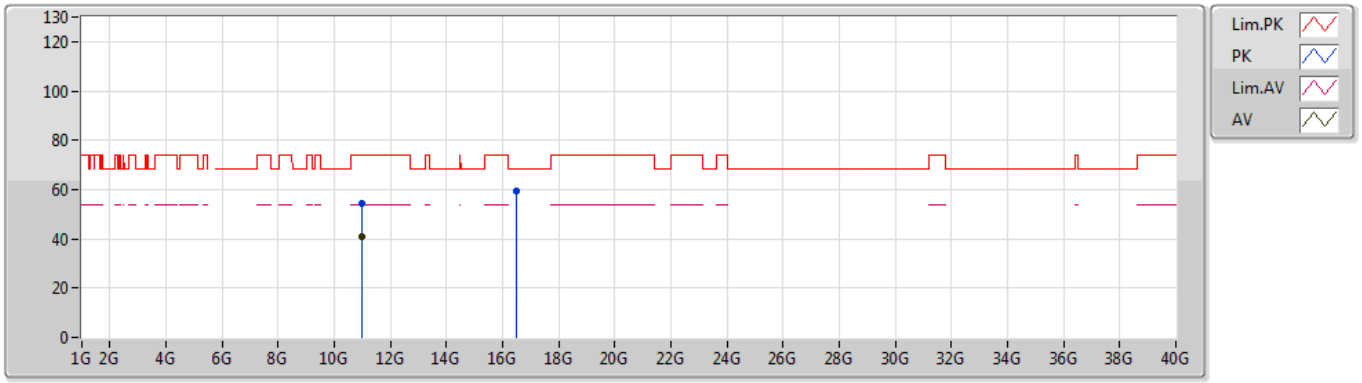
EUT Y_2TX
Setting 20.5
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.457G	62.01	74.00	-11.99	6.45	3	Horizontal	64	1.96	-
AV	5.4576G	49.45	54.00	-4.55	6.45	3	Horizontal	64	1.96	-
PK	5.4672G	67.21	68.20	-0.99	6.46	3	Horizontal	64	1.96	-
PK	5.5028G	116.99	Inf	-Inf	6.49	3	Horizontal	64	1.96	-
AV	5.5028G	106.74	Inf	-Inf	6.49	3	Horizontal	64	1.96	-

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

17/04/2019



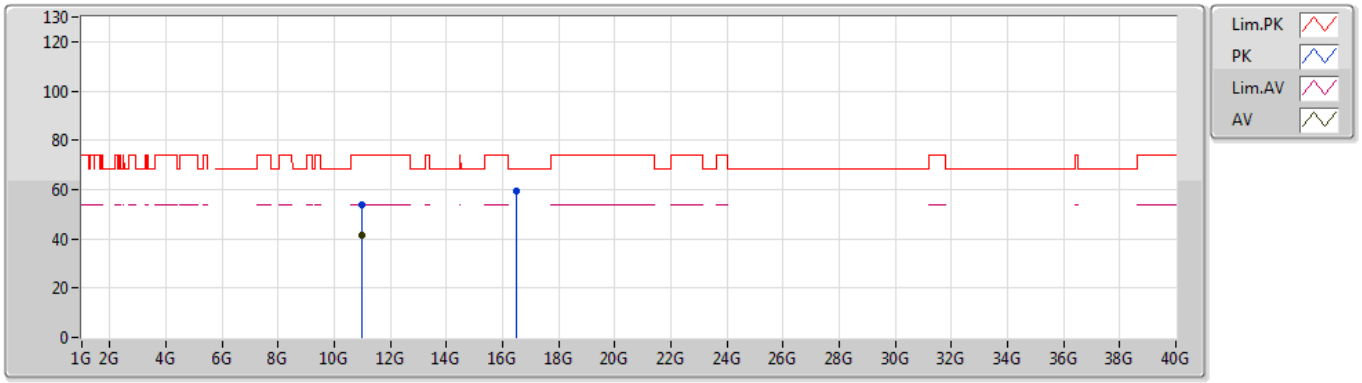
EUT Y_2TX
Setting 20.5
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.98936G	54.32	74.00	-19.68	13.92	3	Vertical	123	1.57	-
AV	10.99128G	41.04	54.00	-12.96	13.93	3	Vertical	123	1.57	-
PK	16.49096G	59.54	68.20	-8.66	15.22	3	Vertical	127	1.12	-

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

17/04/2019



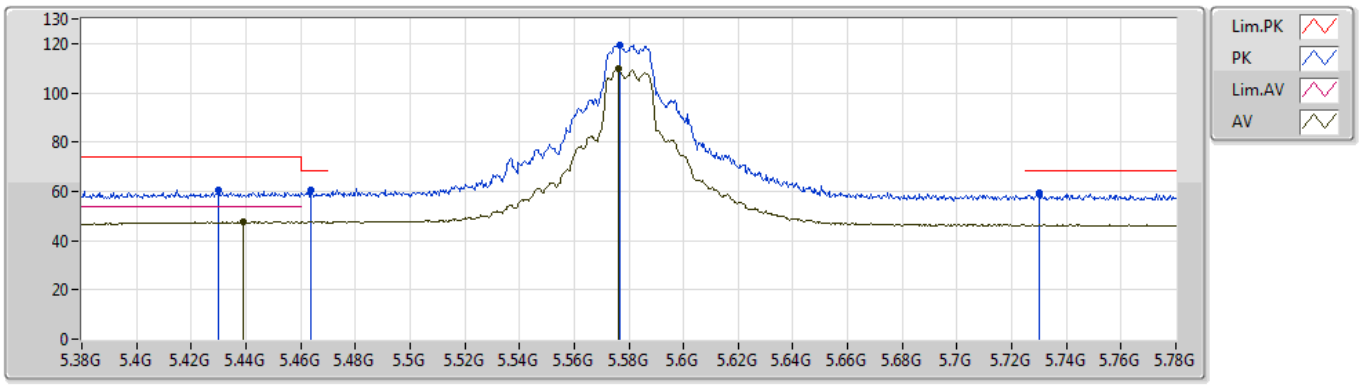
EUT Y_2TX
Setting 20.5
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.00024G	53.97	74.00	-20.03	13.94	3	Horizontal	177	1.46	-
AV	10.99824G	41.20	54.00	-12.80	13.94	3	Horizontal	177	1.46	-
PK	16.51464G	59.24	68.20	-8.96	15.31	3	Horizontal	216	1.62	-

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

17/04/2019



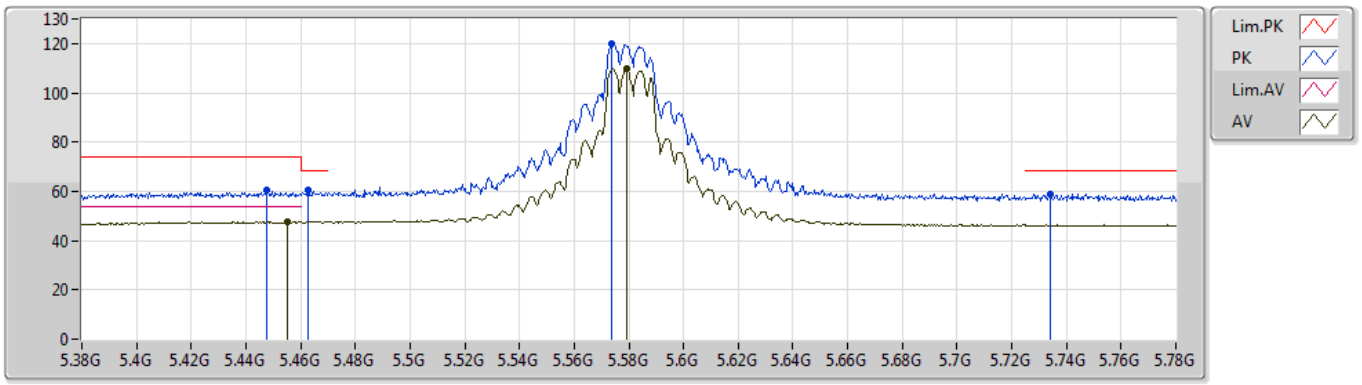
EUT Y_2TX
Setting 30
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.43G	60.47	74.00	-13.53	6.43	3	Vertical	33	2.20	-
AV	5.4388G	47.67	54.00	-6.33	6.44	3	Vertical	33	2.20	-
PK	5.4636G	60.44	68.20	-7.76	6.45	3	Vertical	33	2.20	-
PK	5.5768G	119.54	Inf	-Inf	6.39	3	Vertical	33	2.20	-
AV	5.5764G	109.57	Inf	-Inf	6.39	3	Vertical	33	2.20	-
PK	5.73G	59.56	68.20	-8.64	6.39	3	Vertical	33	2.20	-

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

17/04/2019



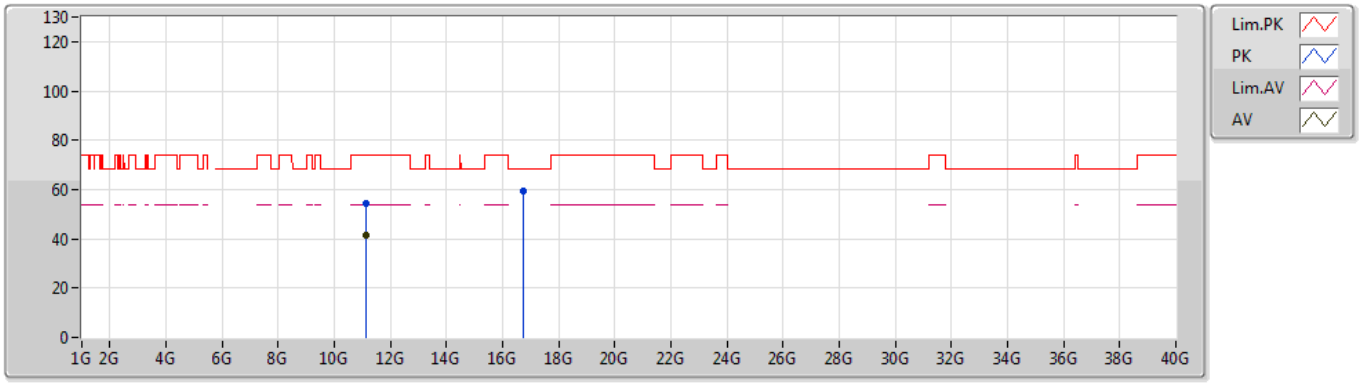
EUT Y_2TX
Setting 30
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4476G	60.29	74.00	-13.71	6.45	3	Horizontal	60	2.24	-
AV	5.4552G	47.62	54.00	-6.38	6.45	3	Horizontal	60	2.24	-
PK	5.4628G	60.57	68.20	-7.63	6.45	3	Horizontal	60	2.24	-
PK	5.5736G	120.12	Inf	-Inf	6.40	3	Horizontal	60	2.24	-
AV	5.5792G	109.81	Inf	-Inf	6.39	3	Horizontal	60	2.24	-
PK	5.734G	58.87	68.20	-9.33	6.40	3	Horizontal	60	2.24	-

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

17/04/2019



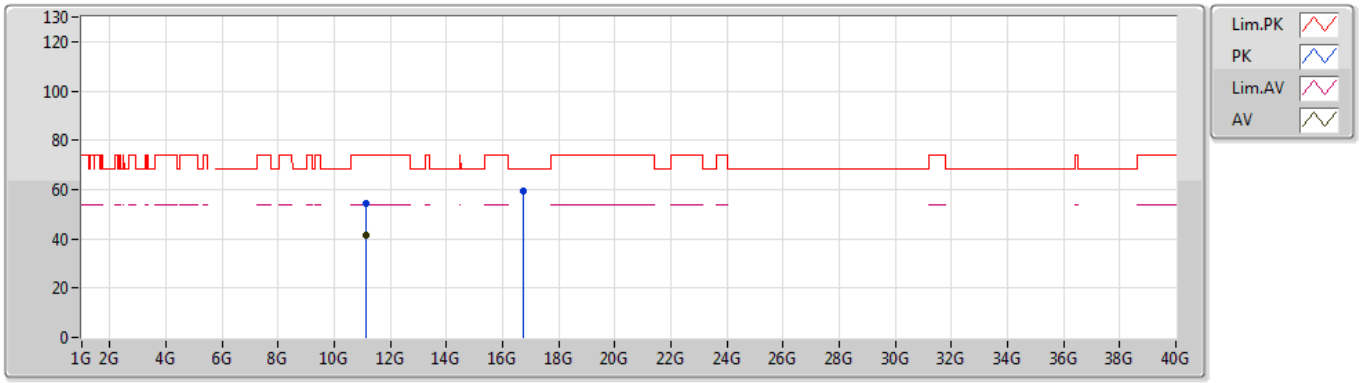
EUT Y_2TX
Setting 30
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.14188G	54.46	74.00	-19.54	14.08	3	Vertical	141	1.46	-
AV	11.13168G	41.20	54.00	-12.80	14.07	3	Vertical	141	1.46	-
PK	16.75536G	59.47	68.20	-8.73	16.13	3	Vertical	267	1.44	-

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

17/04/2019



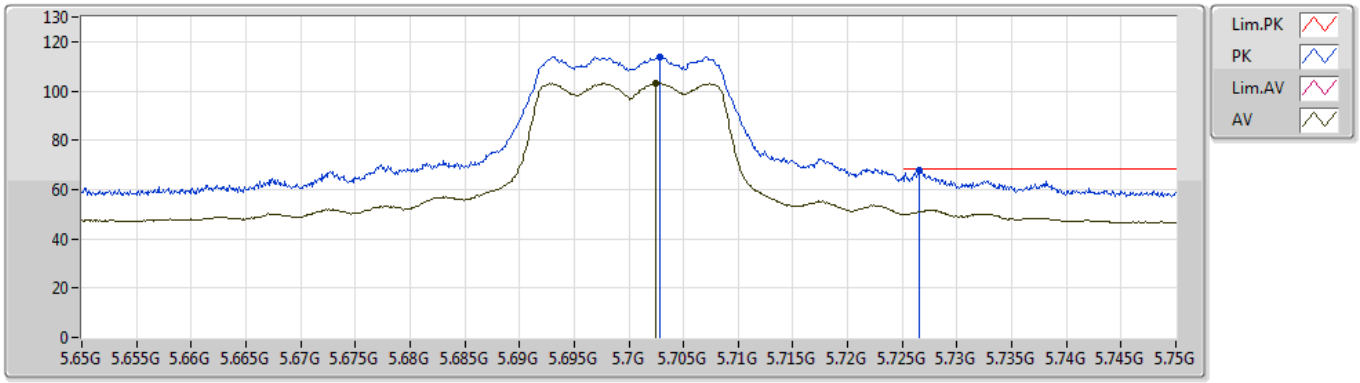
EUT Y_2TX
Setting 30
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.13024G	54.35	74.00	-19.65	14.07	3	Horizontal	237	1.40	-
AV	11.14188G	41.28	54.00	-12.72	14.08	3	Horizontal	237	1.40	-
PK	16.7184G	59.38	68.20	-8.82	16.00	3	Horizontal	90	1.83	-

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

17/04/2019



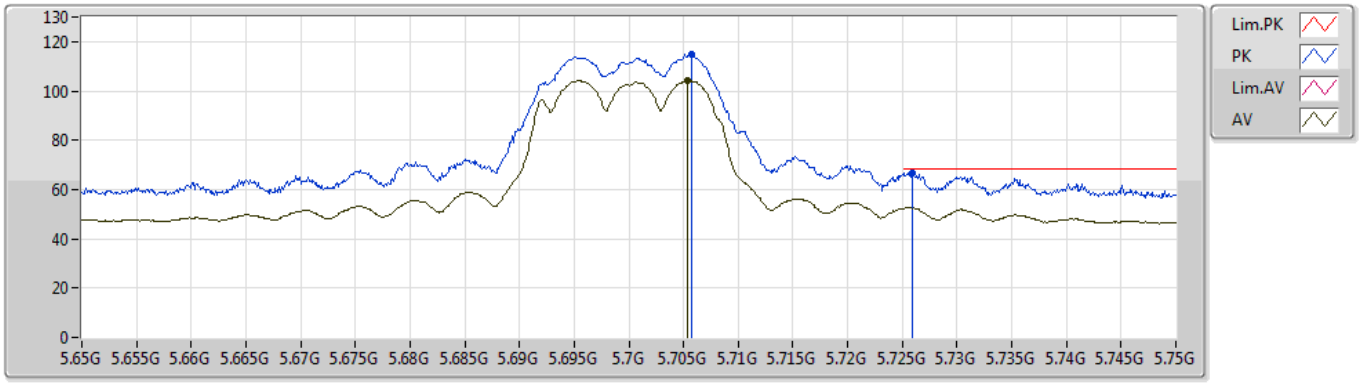
EUT Y_2TX
Setting 19
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.7029G	113.77	Inf	-Inf	6.37	3	Vertical	33	2.52	-
AV	5.7024G	103.12	Inf	-Inf	6.37	3	Vertical	33	2.52	-
PK	5.7266G	67.83	68.20	-0.37	6.39	3	Vertical	33	2.52	-

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

17/04/2019



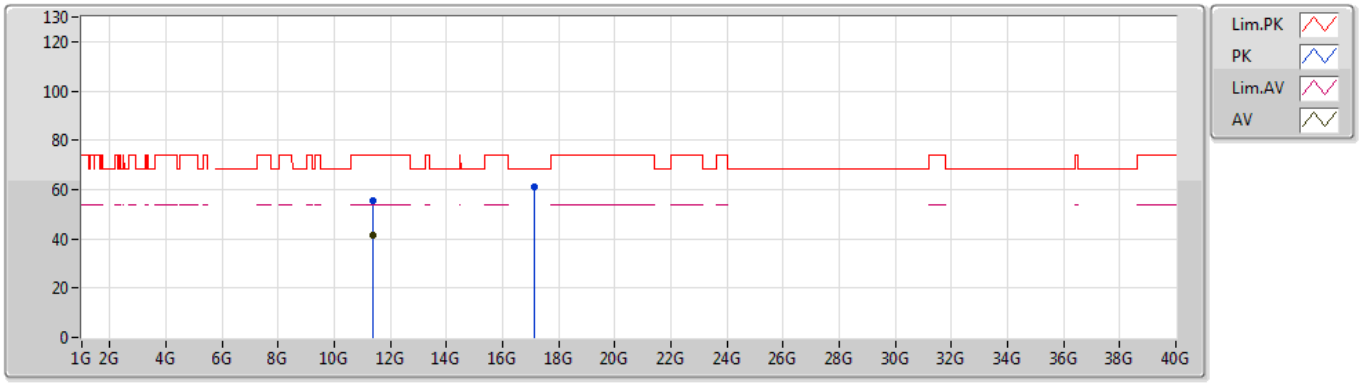
EUT Y_2TX
Setting 19
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.7057G	114.83	Inf	-Inf	6.38	3	Horizontal	72	2.45	-
AV	5.7054G	104.27	Inf	-Inf	6.38	3	Horizontal	72	2.45	-
PK	5.7259G	66.54	68.20	-1.66	6.39	3	Horizontal	72	2.45	-

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

17/04/2019



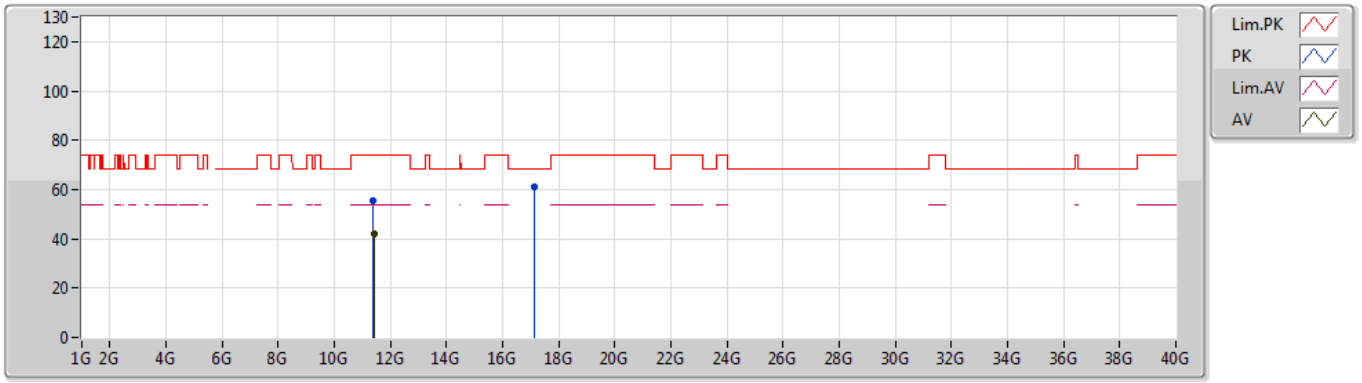
EUT Y_2TX
Setting 19
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.3924G	55.28	74.00	-18.72	14.32	3	Vertical	312	1.44	-
AV	11.3868G	41.62	54.00	-12.38	14.32	3	Vertical	312	1.44	-
PK	17.1164G	61.28	68.20	-6.92	17.58	3	Vertical	130	1.51	-

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

17/04/2019



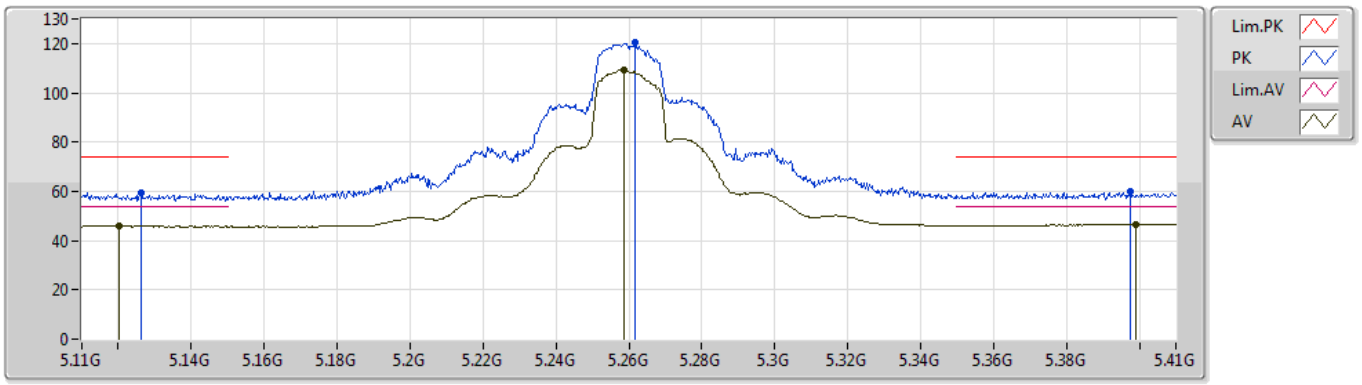
EUT Y_2TX
Setting 19
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.3806G	55.34	74.00	-18.66	14.31	3	Horizontal	123	1.79	-
AV	11.4362G	41.75	54.00	-12.25	14.37	3	Horizontal	123	1.79	-
PK	17.1162G	61.33	68.20	-6.87	17.58	3	Horizontal	160	1.15	-

802.11ac VHT20_Nss1,(MCS0)_2TX

17/04/2019

5260MHz_TX



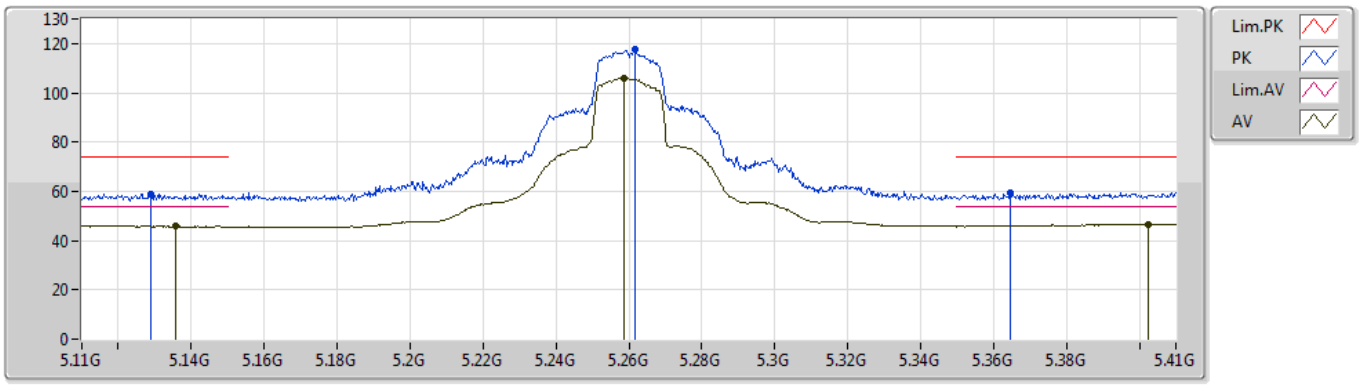
EUT Y_2TX
Setting 30
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1262G	59.15	74.00	-14.85	5.79	3	Vertical	347	2.29	-
AV	5.1202G	45.91	54.00	-8.09	5.78	3	Vertical	347	2.29	-
PK	5.2618G	120.25	Inf	-Inf	6.10	3	Vertical	347	2.29	-
AV	5.2585G	109.44	Inf	-Inf	6.09	3	Vertical	347	2.29	-
PK	5.3977G	59.96	74.00	-14.04	6.40	3	Vertical	347	2.29	-
AV	5.3992G	46.76	54.00	-7.24	6.40	3	Vertical	347	2.29	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

17/04/2019



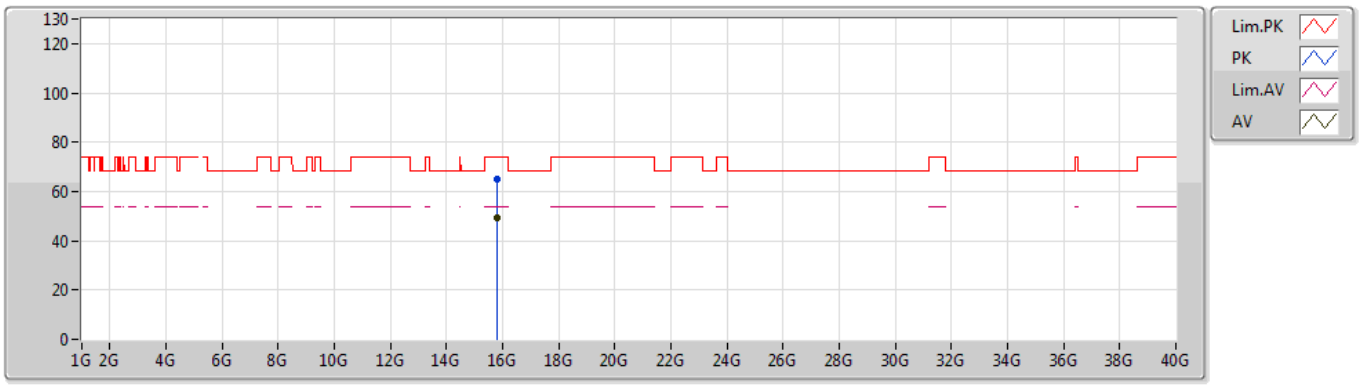
EUT Y_2TX
Setting 30
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1289G	59.09	74.00	-14.91	5.79	3	Horizontal	11	1.70	-
AV	5.1358G	46.00	54.00	-8.00	5.81	3	Horizontal	11	1.70	-
PK	5.2618G	117.51	Inf	-Inf	6.10	3	Horizontal	11	1.70	-
AV	5.2585G	106.18	Inf	-Inf	6.09	3	Horizontal	11	1.70	-
PK	5.3647G	59.22	74.00	-14.78	6.33	3	Horizontal	11	1.70	-
AV	5.4025G	46.69	54.00	-7.31	6.40	3	Horizontal	11	1.70	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

17/04/2019



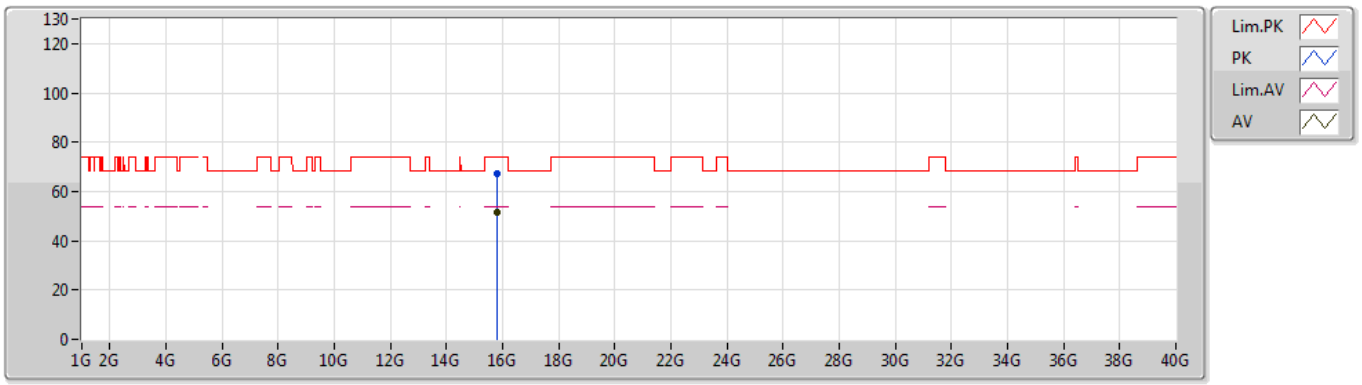
EUT Y_2TX
Setting 30
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.78176G	65.12	74.00	-8.88	14.34	3	Vertical	187	1.75	-
AV	15.78144G	49.20	54.00	-4.80	14.35	3	Vertical	187	1.75	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

17/04/2019



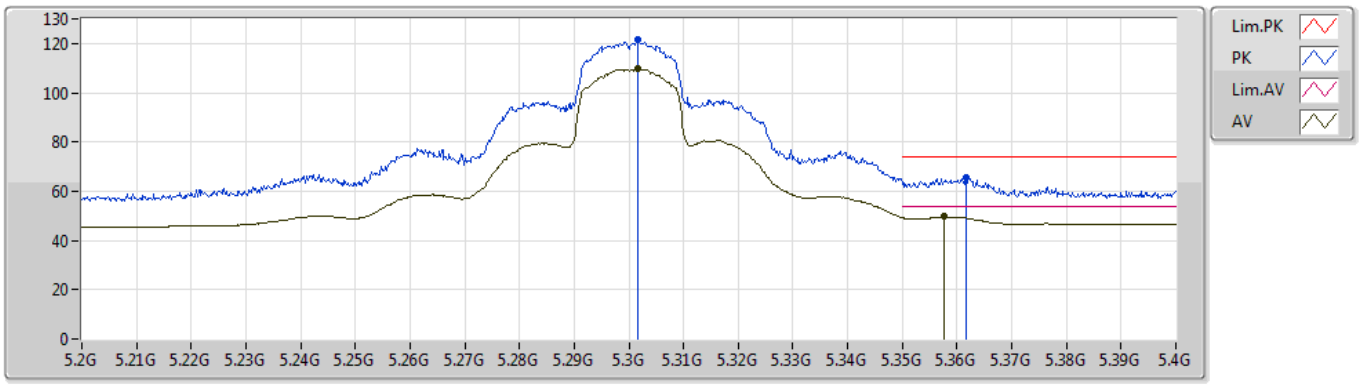
EUT Y_2TX
Setting 30
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.78152G	67.41	74.00	-6.59	14.35	3	Horizontal	234	1.93	-
AV	15.78104G	51.35	54.00	-2.65	14.35	3	Horizontal	234	1.93	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

17/04/2019



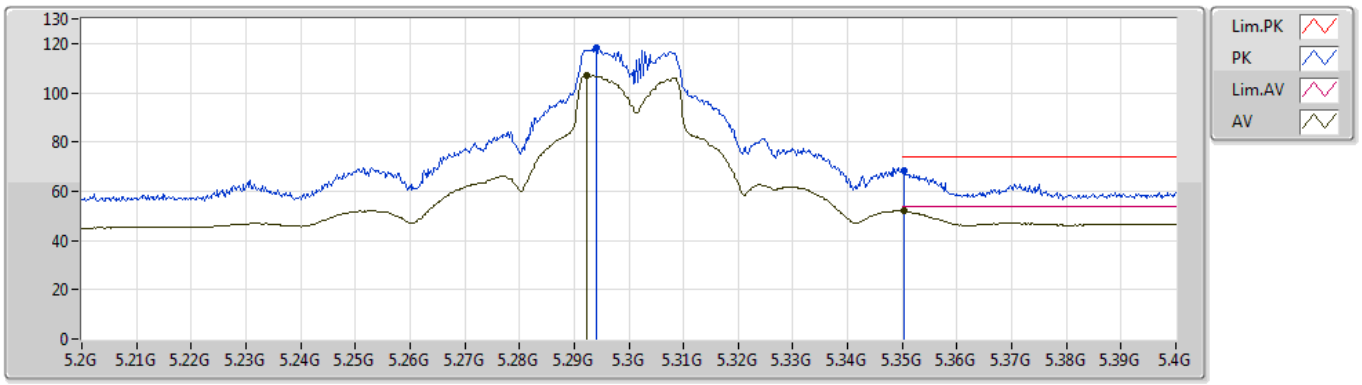
EUT Y_2TX
Setting 30
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3016G	121.47	Inf	-Inf	6.22	3	Vertical	349	2.36	-
AV	5.3016G	109.74	Inf	-Inf	6.22	3	Vertical	349	2.36	-
PK	5.3616G	65.61	74.00	-8.39	6.33	3	Vertical	349	2.36	-
AV	5.3576G	49.65	54.00	-4.35	6.32	3	Vertical	349	2.36	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

17/04/2019



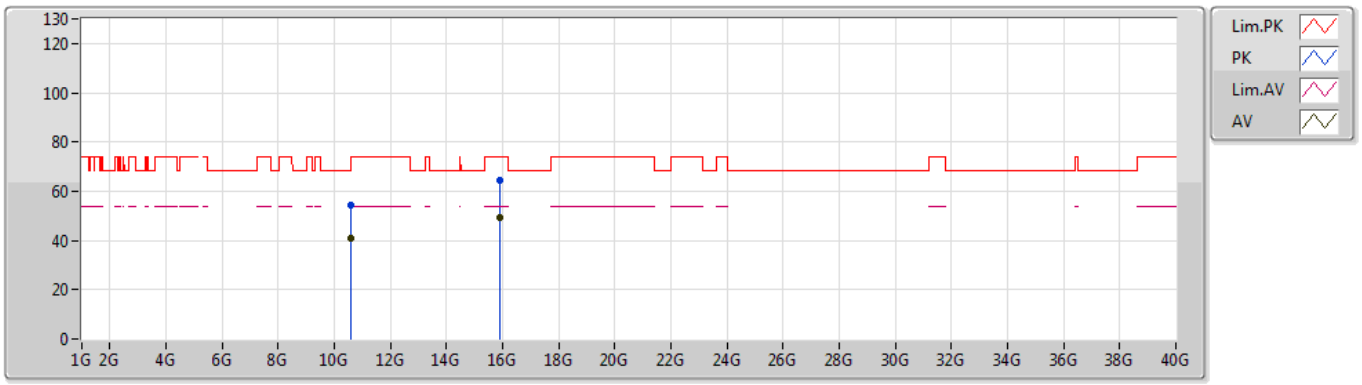
EUT Y_2TX
Setting 30
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.294G	118.11	Inf	-Inf	6.20	3	Horizontal	67	2.02	-
AV	5.2922G	107.02	Inf	-Inf	6.19	3	Horizontal	67	2.02	-
PK	5.3502G	68.36	74.00	-5.64	6.31	3	Horizontal	67	2.02	-
AV	5.3504G	51.84	54.00	-2.16	6.31	3	Horizontal	67	2.02	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

17/04/2019



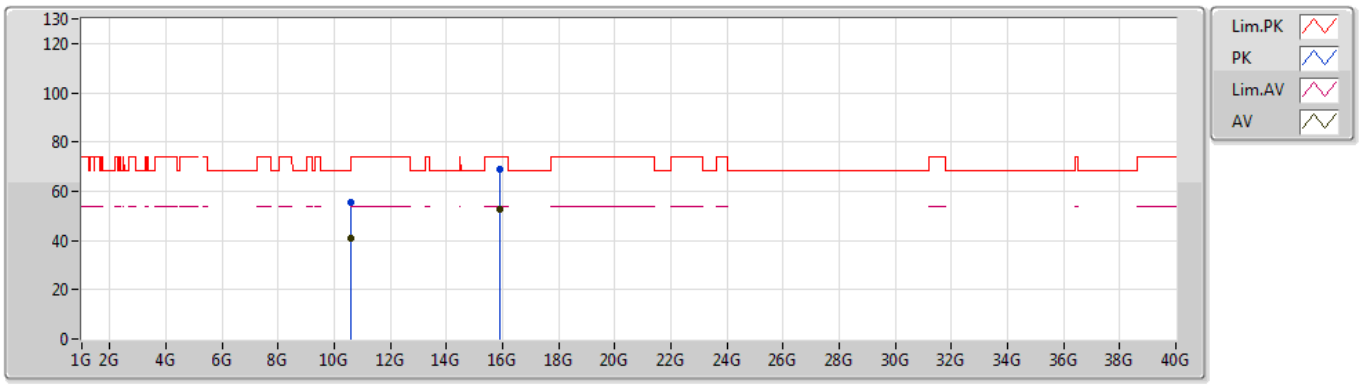
EUT Y_2TX
Setting 30
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.60722G	54.26	74.00	-19.74	13.41	3	Vertical	335	1.40	-
AV	10.6062G	40.64	54.00	-13.36	13.40	3	Vertical	335	1.40	-
PK	15.90522G	64.70	74.00	-9.30	13.87	3	Vertical	188	1.76	-
AV	15.90342G	49.21	54.00	-4.79	13.89	3	Vertical	188	1.76	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

17/04/2019



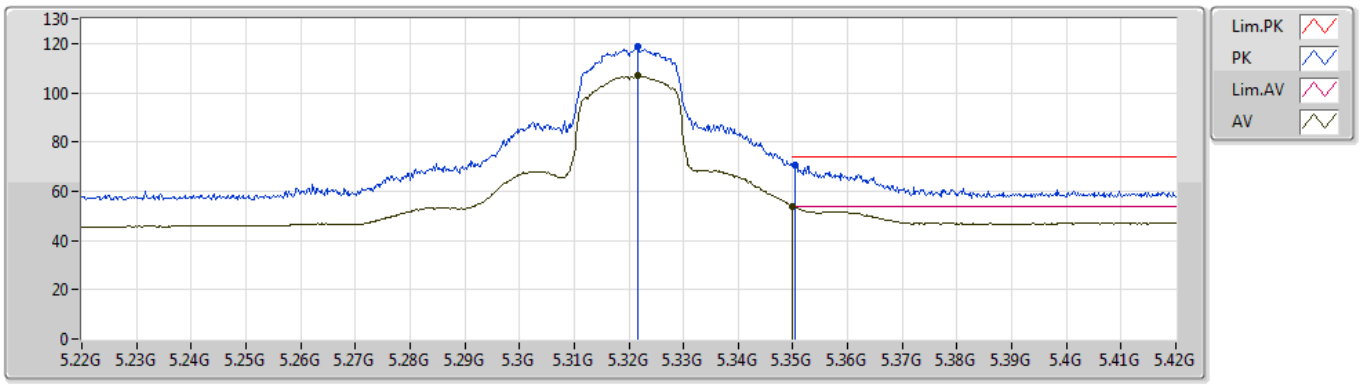
EUT Y_2TX
Setting 30
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.60622G	55.57	74.00	-18.43	13.40	3	Horizontal	133	1.85	-
AV	10.60184G	41.01	54.00	-12.99	13.40	3	Horizontal	133	1.85	-
PK	15.90204G	68.90	74.00	-5.10	13.89	3	Horizontal	232	1.91	-
AV	15.9033G	52.42	54.00	-1.58	13.89	3	Horizontal	232	1.91	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5320MHz_TX

17/04/2019



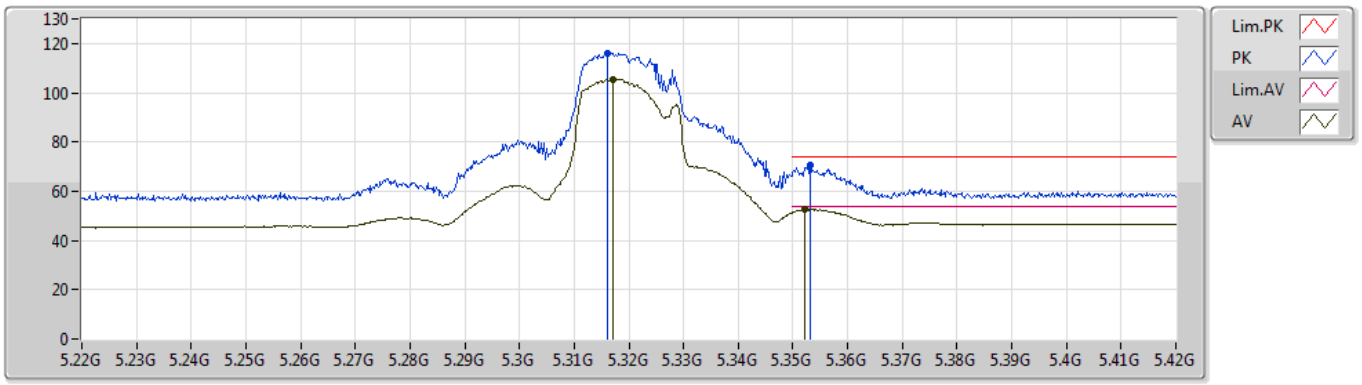
EUT Y_2TX
Setting 22.5
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3216G	118.60	Inf	-Inf	6.26	3	Vertical	344	2.48	-
AV	5.3216G	107.02	Inf	-Inf	6.26	3	Vertical	344	2.48	-
PK	5.3504G	70.76	74.00	-3.24	6.31	3	Vertical	344	2.48	-
AV	5.35G	53.92	54.00	-0.08	6.31	3	Vertical	344	2.48	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5320MHz_TX

17/04/2019



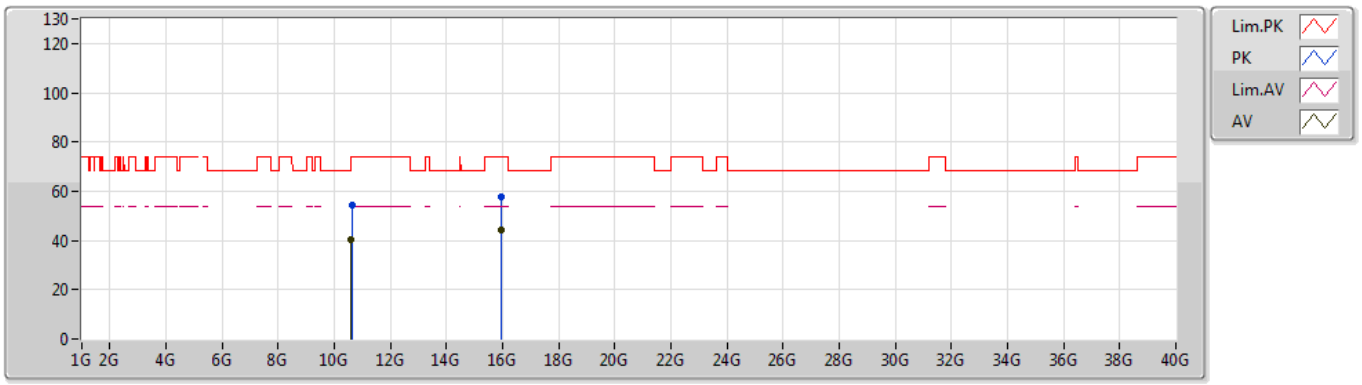
EUT Y_2TX
Setting 22.5
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3162G	116.05	Inf	-Inf	6.25	3	Horizontal	62	2.44	-
AV	5.3172G	105.49	Inf	-Inf	6.26	3	Horizontal	62	2.44	-
PK	5.3532G	70.84	74.00	-3.16	6.31	3	Horizontal	62	2.44	-
AV	5.3522G	52.53	54.00	-1.47	6.31	3	Horizontal	62	2.44	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5320MHz_TX

17/04/2019



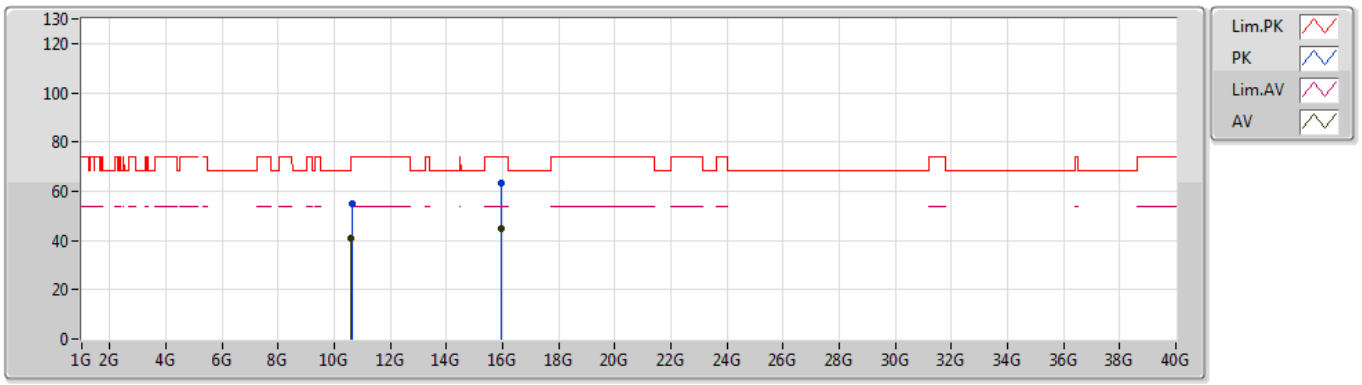
EUT Y_2TX
Setting 22.5
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.66184G	54.09	74.00	-19.91	13.48	3	Vertical	228	1.26	-
AV	10.61108G	40.56	54.00	-13.44	13.42	3	Vertical	228	1.26	-
PK	15.9645G	57.76	74.00	-16.24	13.66	3	Vertical	198	2.66	-
AV	15.96306G	44.05	54.00	-9.95	13.66	3	Vertical	198	2.66	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5320MHz_TX

17/04/2019



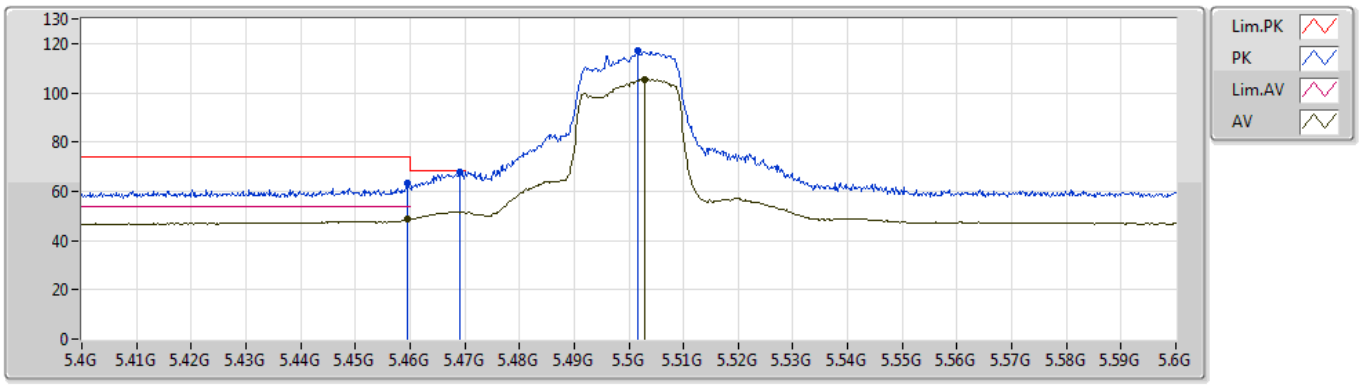
EUT Y_2TX
Setting 22.5
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.6412G	54.66	74.00	-19.34	13.46	3	Horizontal	128	1.56	-
AV	10.61084G	40.66	54.00	-13.34	13.42	3	Horizontal	128	1.56	-
PK	15.96456G	63.40	74.00	-10.60	13.66	3	Horizontal	232	1.94	-
AV	15.96114G	44.97	54.00	-9.03	13.67	3	Horizontal	232	1.94	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5500MHz_TX

17/04/2019



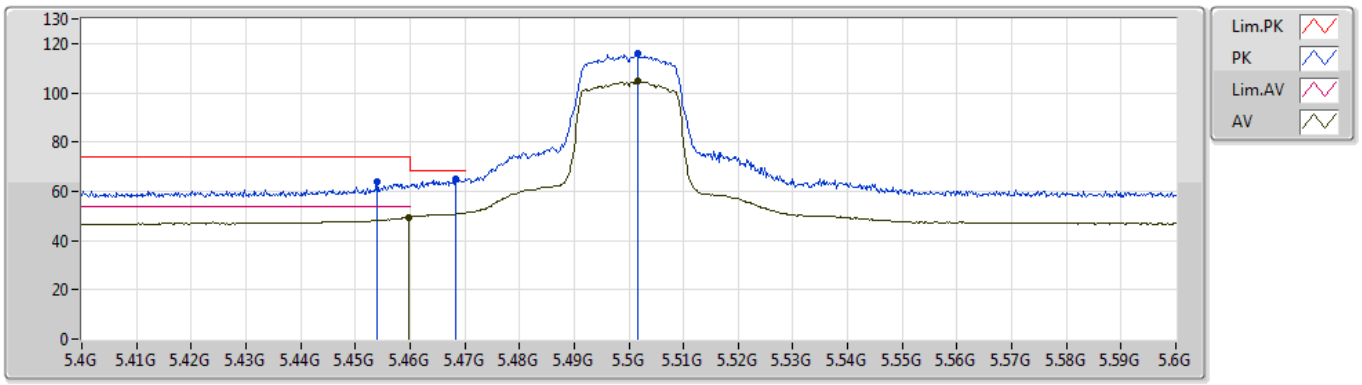
EUT Y_2TX
Setting 20.5
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4596G	63.22	74.00	-10.78	6.45	3	Vertical	32	2.35	-
AV	5.4596G	48.61	54.00	-5.39	6.45	3	Vertical	32	2.35	-
PK	5.4692G	67.86	68.20	-0.34	6.46	3	Vertical	32	2.35	-
PK	5.5016G	116.91	Inf	-Inf	6.49	3	Vertical	32	2.35	-
AV	5.503G	105.56	Inf	-Inf	6.49	3	Vertical	32	2.35	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5500MHz_TX

17/04/2019



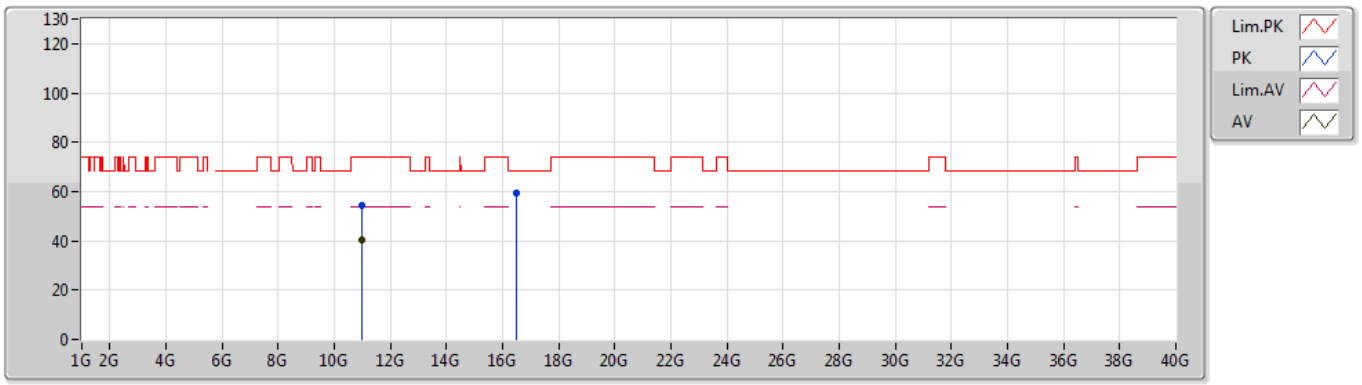
EUT Y_2TX
Setting 20.5
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.454G	64.11	74.00	-9.89	6.44	3	Horizontal	1	1.84	-
AV	5.4597G	49.52	54.00	-4.48	6.45	3	Horizontal	1	1.84	-
PK	5.4684G	65.04	68.20	-3.16	6.46	3	Horizontal	1	1.84	-
PK	5.5016G	116.07	Inf	-Inf	6.49	3	Horizontal	1	1.84	-
AV	5.5016G	104.56	Inf	-Inf	6.49	3	Horizontal	1	1.84	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5500MHz_TX

17/04/2019



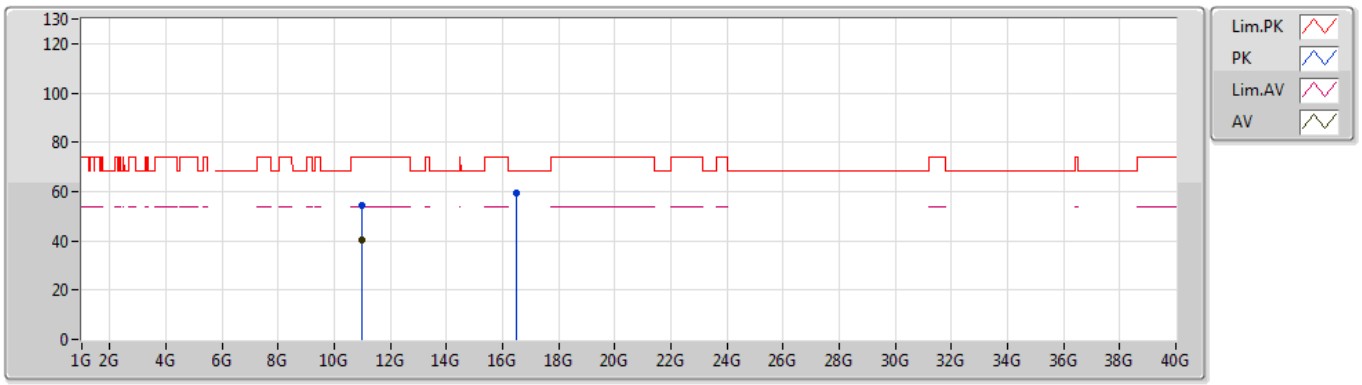
EUT Y_2TX
Setting 20.5
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.98974G	54.28	74.00	-19.72	13.93	3	Vertical	118	1.21	-
AV	11.00012G	40.32	54.00	-13.68	13.94	3	Vertical	118	1.21	-
PK	16.50432G	59.27	68.20	-8.93	15.27	3	Vertical	142	1.82	-

802.11ac VHT20_Nss1,(MCS0)_2TX

17/04/2019

5500MHz_TX



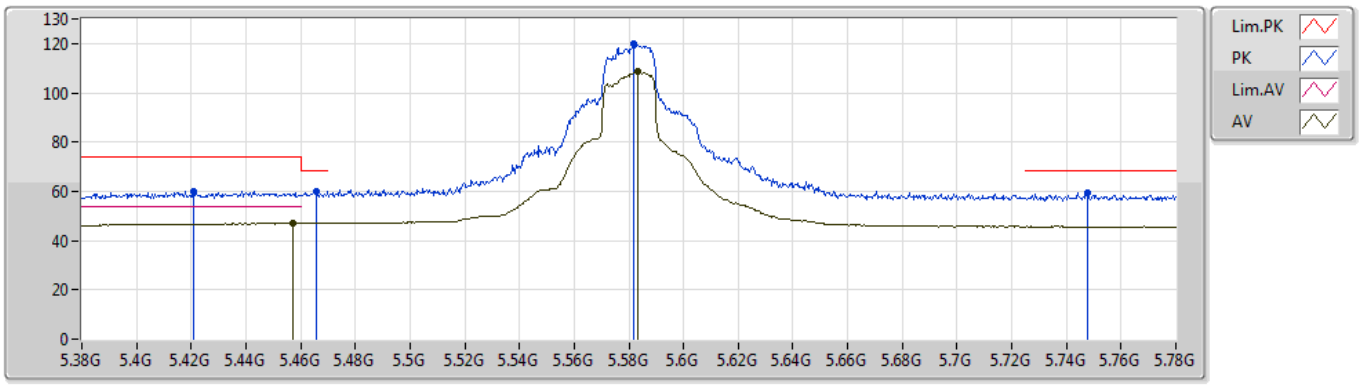
EUT Y_2TX
Setting 20.5
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.00594G	54.36	74.00	-19.64	13.94	3	Horizontal	178	1.26	-
AV	10.98944G	40.31	54.00	-13.69	13.93	3	Horizontal	178	1.26	-
PK	16.51344G	59.63	68.20	-8.57	15.30	3	Horizontal	215	1.95	-

802.11ac VHT20_Nss1,(MCS0)_2TX

17/04/2019

5580MHz_TX



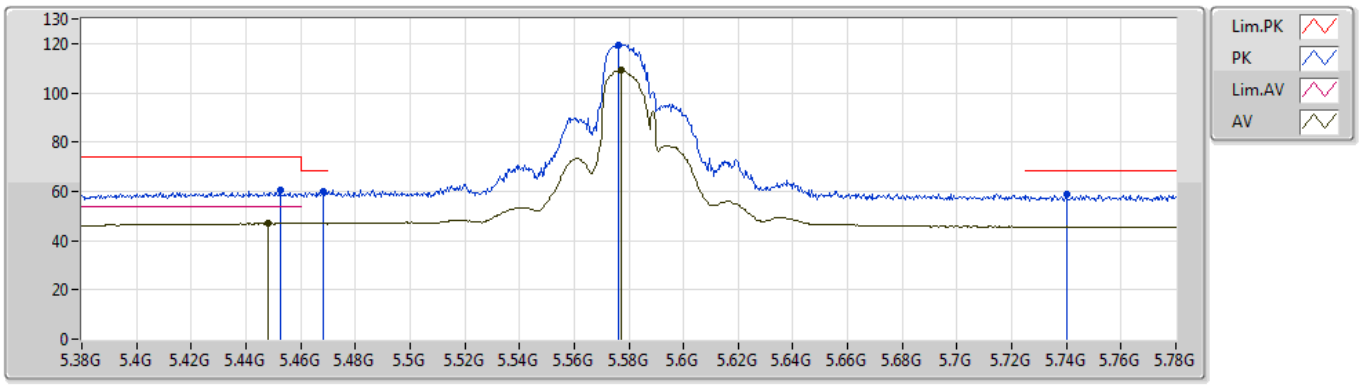
EUT Y_2TX
Setting 30
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4208G	60.13	74.00	-13.87	6.42	3	Vertical	30	2.28	-
AV	5.4572G	46.99	54.00	-7.01	6.45	3	Vertical	30	2.28	-
PK	5.466G	60.02	68.20	-8.18	6.46	3	Vertical	30	2.28	-
PK	5.582G	119.66	Inf	-Inf	6.39	3	Vertical	30	2.28	-
AV	5.5832G	108.52	Inf	-Inf	6.39	3	Vertical	30	2.28	-
PK	5.7476G	59.56	68.20	-8.64	6.41	3	Vertical	30	2.28	-

802.11ac VHT20_Nss1,(MCS0)_2TX

17/04/2019

5580MHz_TX



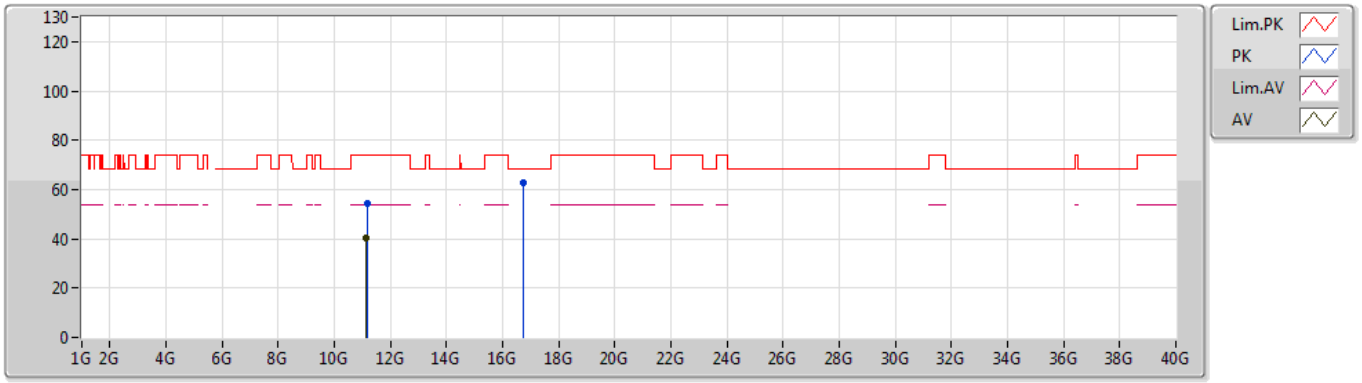
EUT Y_2TX
Setting 30
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4524G	60.34	74.00	-13.66	6.44	3	Horizontal	64	2.43	-
AV	5.448G	47.01	54.00	-6.99	6.45	3	Horizontal	64	2.43	-
PK	5.4684G	59.94	68.20	-8.26	6.46	3	Horizontal	64	2.43	-
PK	5.576G	119.58	Inf	-Inf	6.39	3	Horizontal	64	2.43	-
AV	5.5772G	109.32	Inf	-Inf	6.39	3	Horizontal	64	2.43	-
PK	5.74G	59.08	68.20	-9.12	6.40	3	Horizontal	64	2.43	-

802.11ac VHT20_Nss1,(MCS0)_2TX

17/04/2019

5580MHz_TX



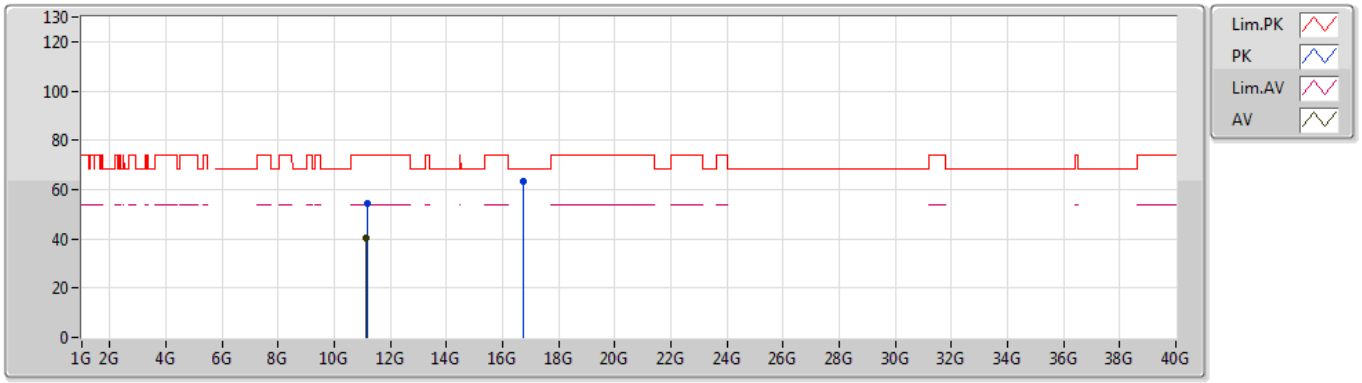
EUT Y_2TX
Setting 30
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.1747G	54.20	74.00	-19.80	14.11	3	Vertical	192	1.67	-
AV	11.13G	40.50	54.00	-13.50	14.07	3	Vertical	192	1.67	-
PK	16.73898G	62.74	68.20	-5.46	16.07	3	Vertical	213	2.07	-

802.11ac VHT20_Nss1,(MCS0)_2TX

17/04/2019

5580MHz_TX



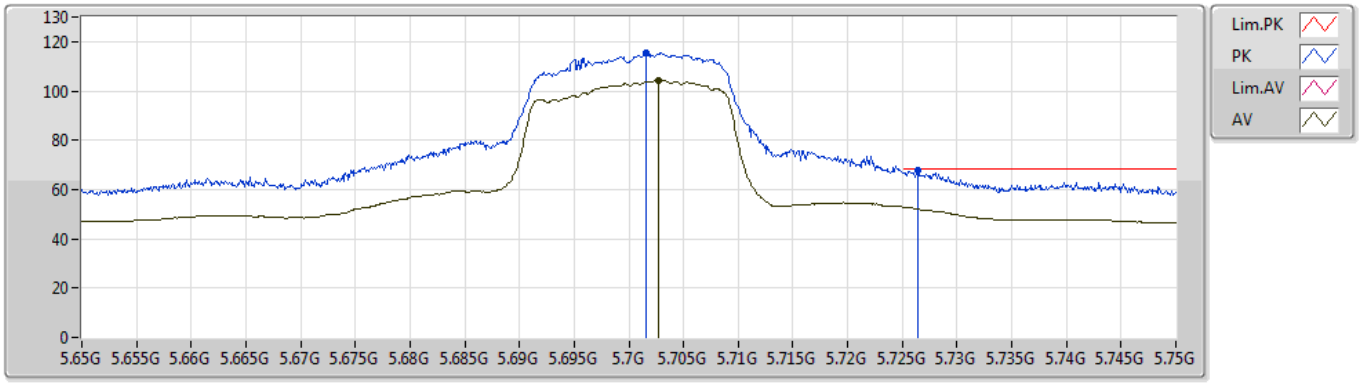
EUT Y_2TX
Setting 30
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.17518G	54.39	74.00	-19.61	14.11	3	Horizontal	165	2.37	-
AV	11.13G	40.44	54.00	-13.56	14.07	3	Horizontal	165	2.37	-
PK	16.7388G	63.47	68.20	-4.73	16.07	3	Horizontal	145	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5700MHz_TX

17/04/2019



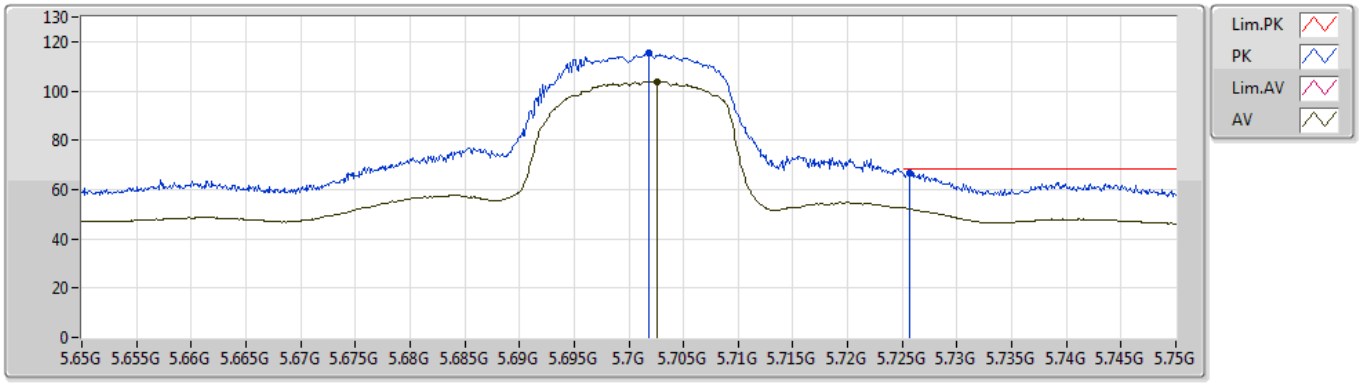
EUT Y_2TX
Setting 19.5
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.7016G	115.56	Inf	-Inf	6.37	3	Vertical	345	2.21	-
AV	5.7027G	104.20	Inf	-Inf	6.37	3	Vertical	345	2.21	-
PK	5.7264G	67.79	68.20	-0.41	6.39	3	Vertical	345	2.21	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5700MHz_TX

17/04/2019



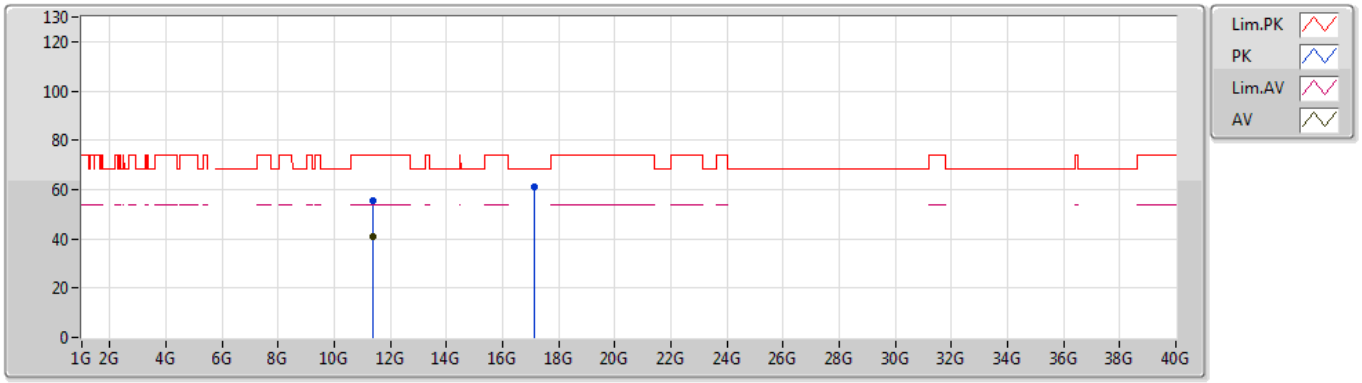
EUT Y_2TX
Setting 19.5
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.7018G	115.47	Inf	-Inf	6.37	3	Horizontal	73	2.46	-
AV	5.7026G	103.94	Inf	-Inf	6.37	3	Horizontal	73	2.46	-
PK	5.7257G	66.70	68.20	-1.50	6.39	3	Horizontal	73	2.46	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5700MHz_TX

17/04/2019



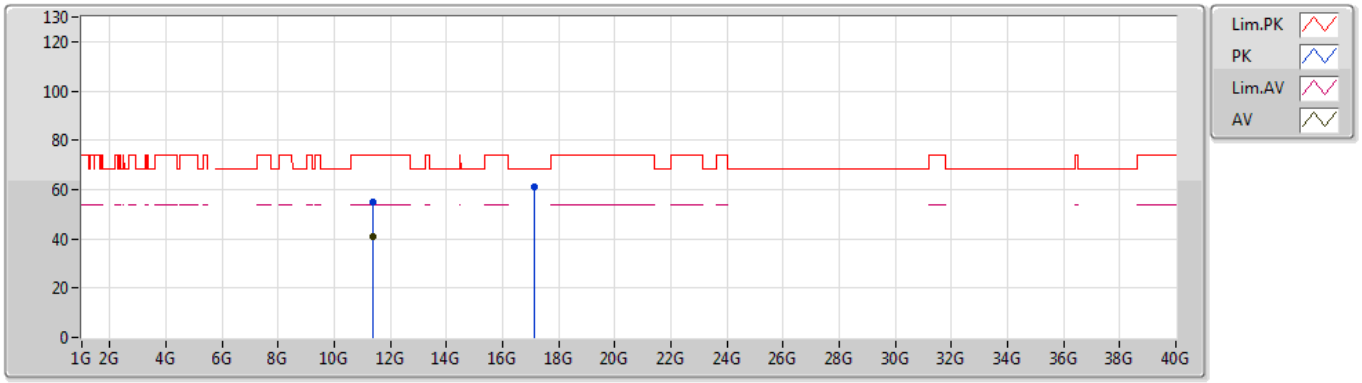
EUT Y_2TX
Setting 19.5
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.40054G	55.25	74.00	-18.75	14.33	3	Vertical	208	2.04	-
AV	11.37804G	41.14	54.00	-12.86	14.30	3	Vertical	208	2.04	-
PK	17.12052G	61.13	68.20	-7.07	17.60	3	Vertical	15	1.63	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5700MHz_TX

17/04/2019



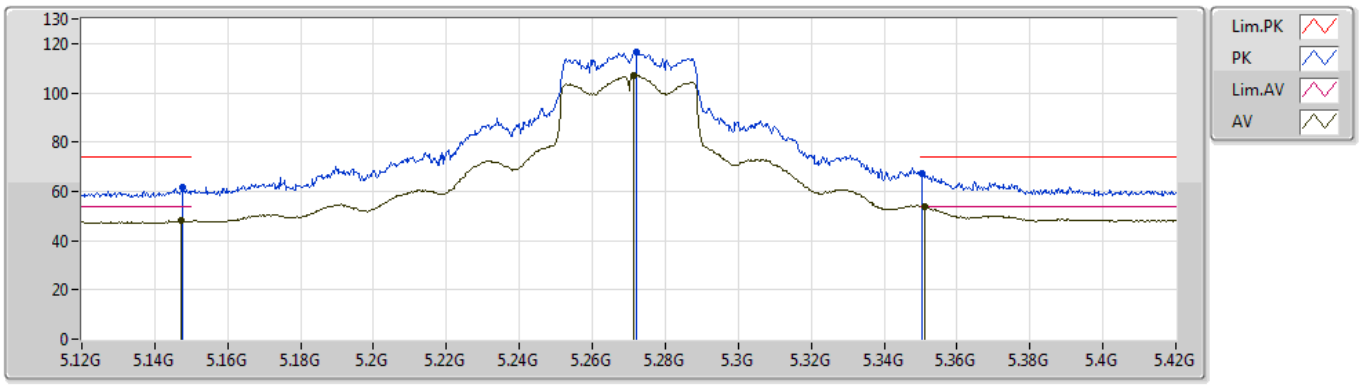
EUT Y_2TX
Setting 19.5
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.39238G	54.85	74.00	-19.15	14.32	3	Horizontal	70	1.80	-
AV	11.38314G	41.18	54.00	-12.82	14.31	3	Horizontal	70	1.80	-
PK	17.11512G	60.99	68.20	-7.21	17.58	3	Horizontal	108	1.23	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

17/04/2019



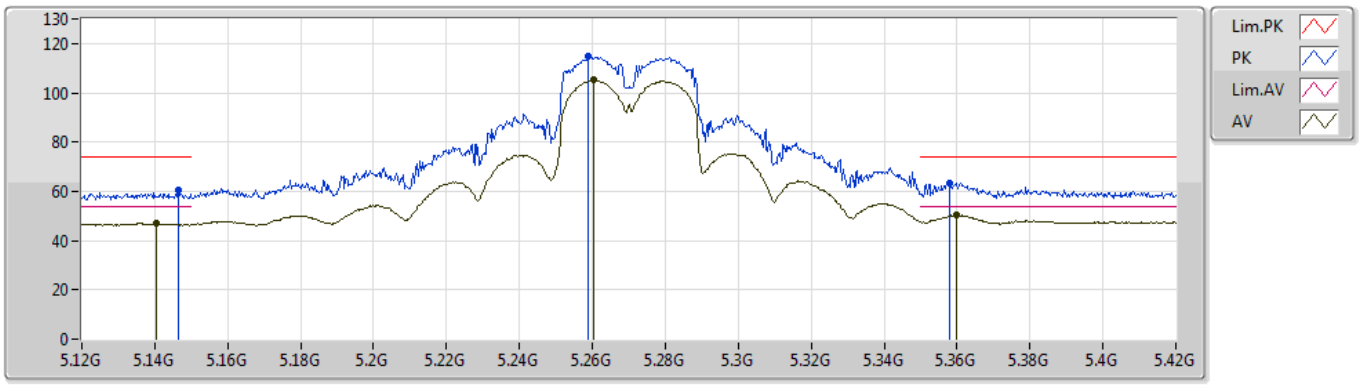
EUT Y_2TX
Setting 23.5
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1476G	61.55	74.00	-12.45	5.83	3	Vertical	350	2.37	-
AV	5.1473G	47.96	54.00	-6.04	5.83	3	Vertical	350	2.37	-
PK	5.2721G	116.44	Inf	-Inf	6.13	3	Vertical	350	2.37	-
AV	5.2715G	107.10	Inf	-Inf	6.13	3	Vertical	350	2.37	-
PK	5.3504G	67.11	74.00	-6.89	6.31	3	Vertical	350	2.37	-
AV	5.351G	53.59	54.00	-0.41	6.31	3	Vertical	350	2.37	-

802.11ac VHT40_Nss1,(MCS0)_2TX

17/04/2019

5270MHz_TX



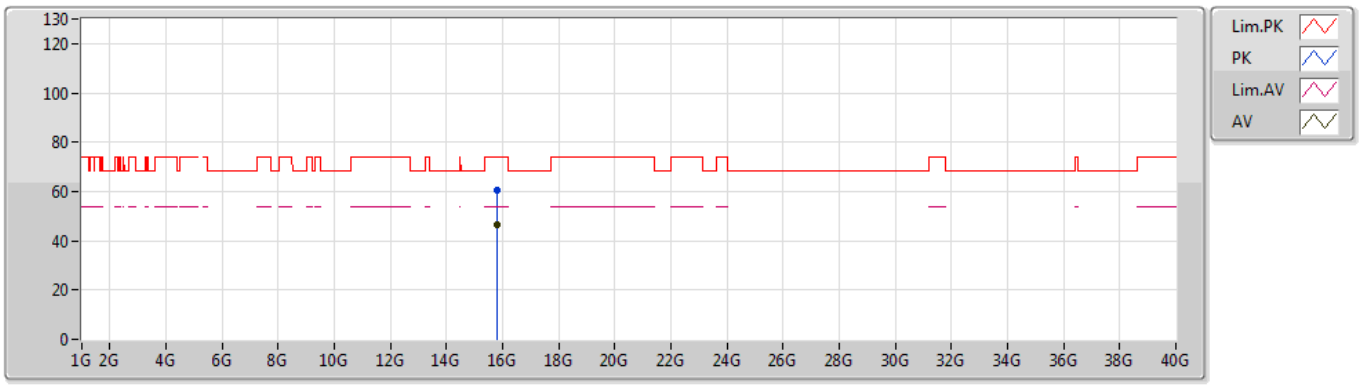
EUT Y_2TX
Setting 23.5
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1464G	60.54	74.00	-13.46	5.83	3	Horizontal	68	1.96	-
AV	5.1404G	46.91	54.00	-7.09	5.81	3	Horizontal	68	1.96	-
PK	5.2589G	114.70	Inf	-Inf	6.09	3	Horizontal	68	1.96	-
AV	5.2604G	105.26	Inf	-Inf	6.10	3	Horizontal	68	1.96	-
PK	5.3579G	63.35	74.00	-10.65	6.32	3	Horizontal	68	1.96	-
AV	5.36G	50.44	54.00	-3.56	6.32	3	Horizontal	68	1.96	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

17/04/2019



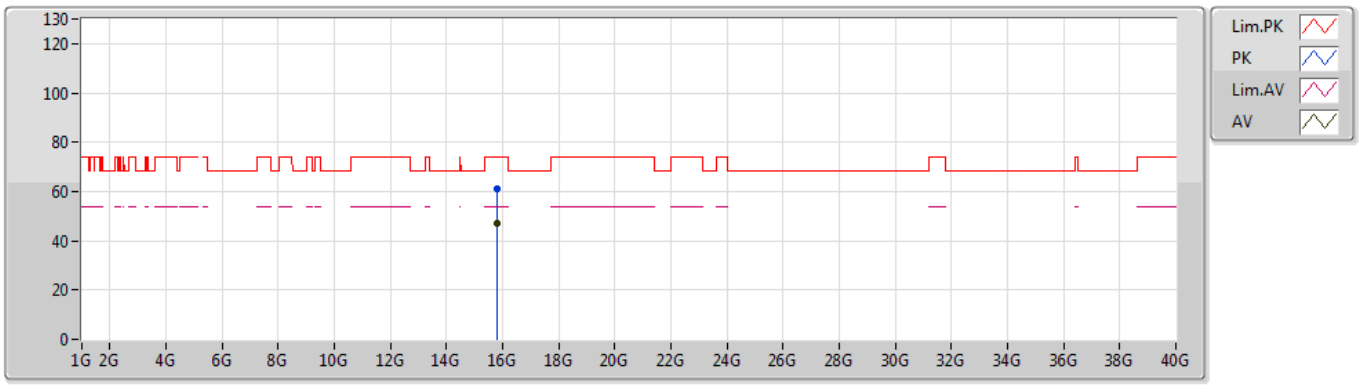
EUT Y_2TX
Setting 23.5
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.81102G	60.53	74.00	-13.47	14.24	3	Vertical	190	1.77	-
AV	15.8109G	46.49	54.00	-7.51	14.24	3	Vertical	190	1.77	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

17/04/2019



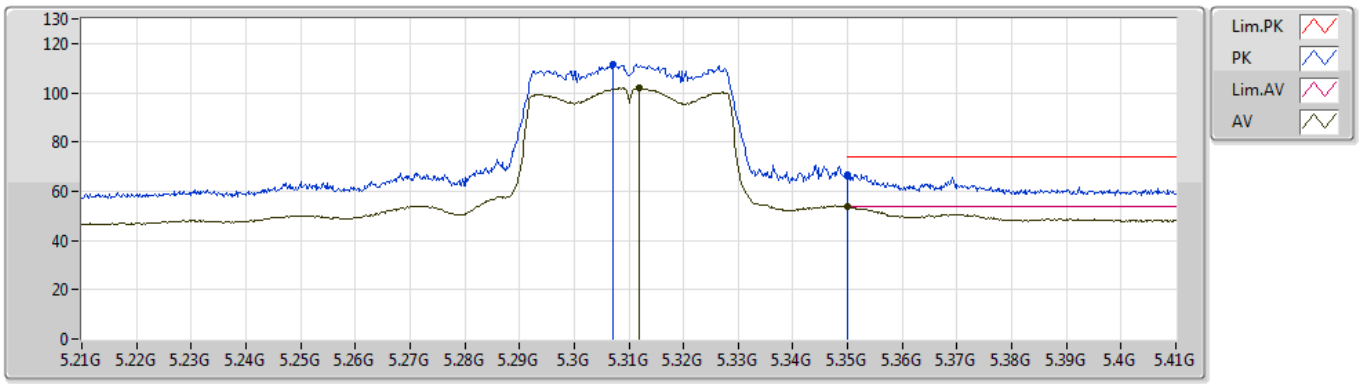
EUT Y_2TX
Setting 23.5
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.81102G	60.97	74.00	-13.03	14.24	3	Horizontal	232	1.66	-
AV	15.81294G	47.31	54.00	-6.69	14.23	3	Horizontal	232	1.66	-

802.11ac VHT40_Nss1,(MCS0)_2TX

18/04/2019

5310MHz_TX



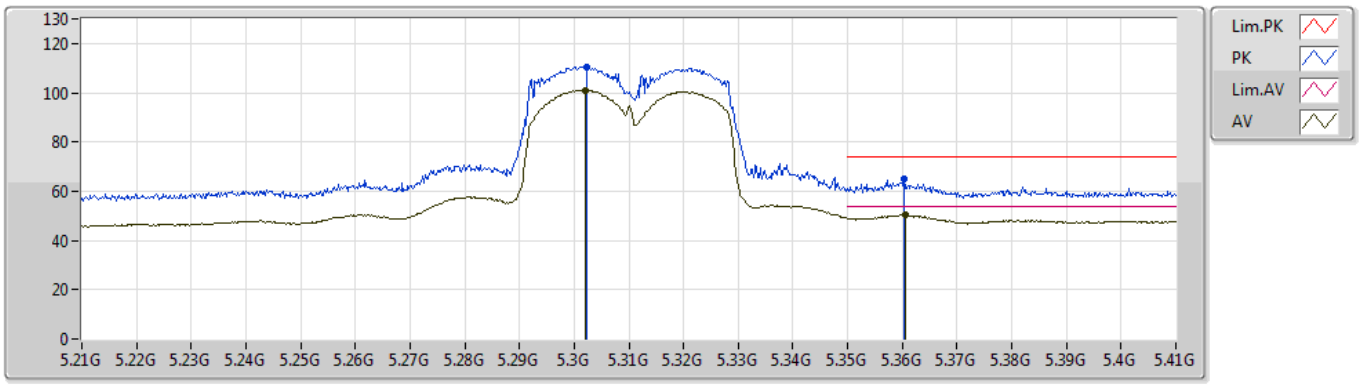
EUT Y_2TX
Setting 19
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3072G	111.34	Inf	-Inf	6.24	3	Vertical	347	2.32	-
AV	5.3118G	101.98	Inf	-Inf	6.24	3	Vertical	347	2.32	-
PK	5.35G	66.81	74.00	-7.19	6.31	3	Vertical	347	2.32	-
AV	5.35G	53.88	54.00	-0.12	6.31	3	Vertical	347	2.32	-

802.11ac VHT40_Nss1,(MCS0)_2TX

18/04/2019

5310MHz_TX



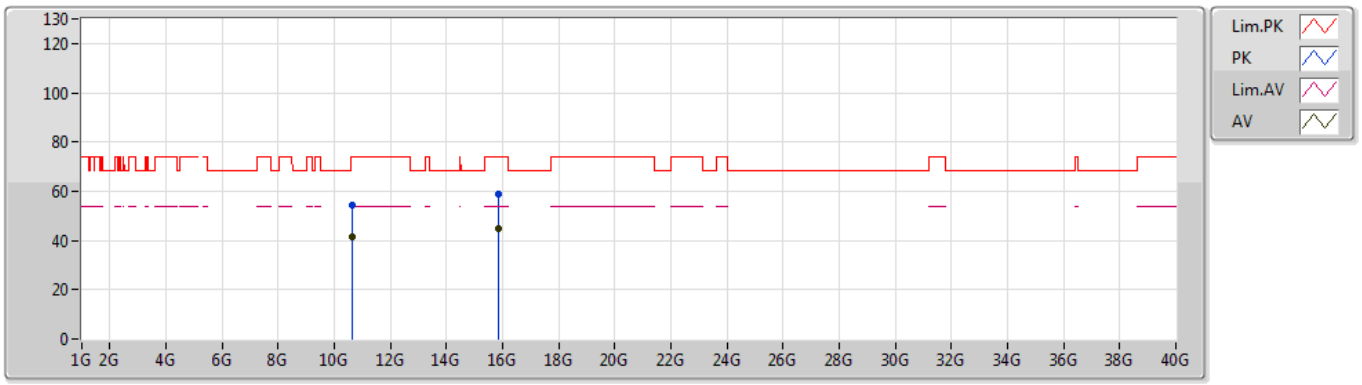
EUT Y_2TX
Setting 19
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3024G	110.54	Inf	-Inf	6.22	3	Horizontal	74	1.97	-
AV	5.302G	101.08	Inf	-Inf	6.22	3	Horizontal	74	1.97	-
PK	5.3604G	64.91	74.00	-9.09	6.32	3	Horizontal	74	1.97	-
AV	5.3606G	50.20	54.00	-3.80	6.32	3	Horizontal	74	1.97	-

802.11ac VHT40_Nss1,(MCS0)_2TX

18/04/2019

5310MHz_TX



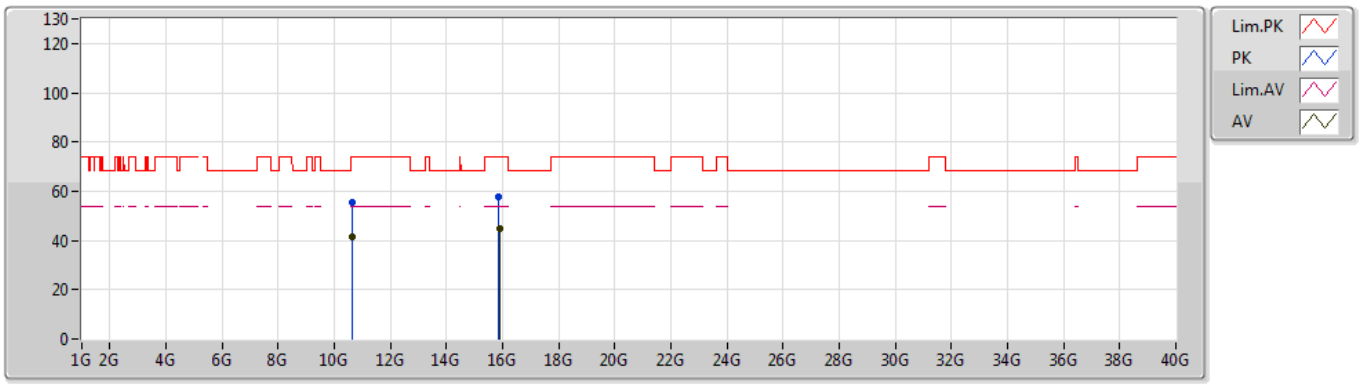
EUT Y_2TX
Setting 19
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.6206G	54.30	74.00	-19.70	13.42	3	Vertical	114	2.29	-
AV	10.6206G	41.71	54.00	-12.29	13.42	3	Vertical	114	2.29	-
PK	15.8412G	58.59	74.00	-15.41	14.13	3	Vertical	321	1.24	-
AV	15.8318G	45.03	54.00	-8.97	14.15	3	Vertical	321	1.24	-

802.11ac VHT40_Nss1,(MCS0)_2TX

18/04/2019

5310MHz_TX



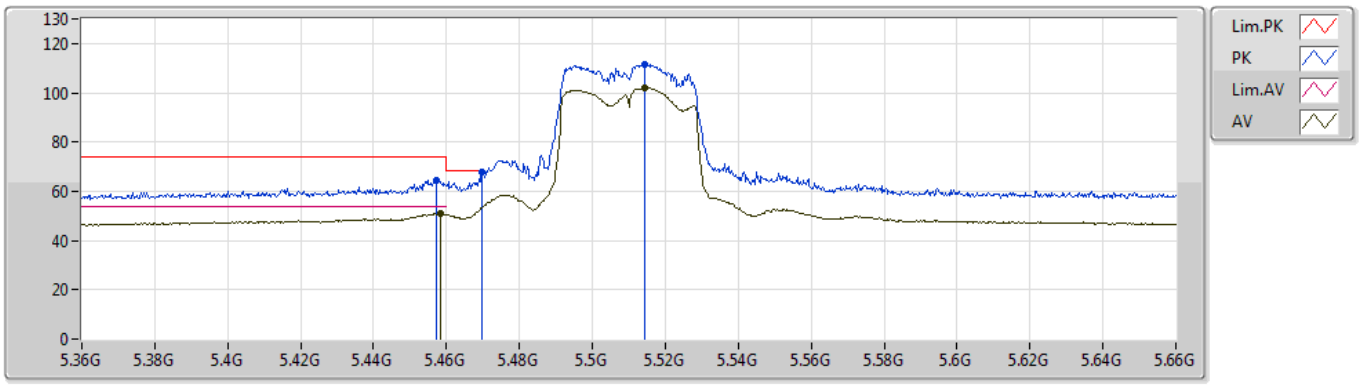
EUT Y_2TX
Setting 19
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.6206G	55.25	74.00	-18.75	13.42	3	Horizontal	343	1.77	-
AV	10.6202G	41.53	54.00	-12.47	13.42	3	Horizontal	343	1.77	-
PK	15.8624G	57.98	74.00	-16.02	14.04	3	Horizontal	105	2.33	-
AV	15.913G	44.89	54.00	-9.11	13.85	3	Horizontal	105	2.33	-

802.11ac VHT40_Nss1,(MCS0)_2TX

18/04/2019

5510MHz_TX



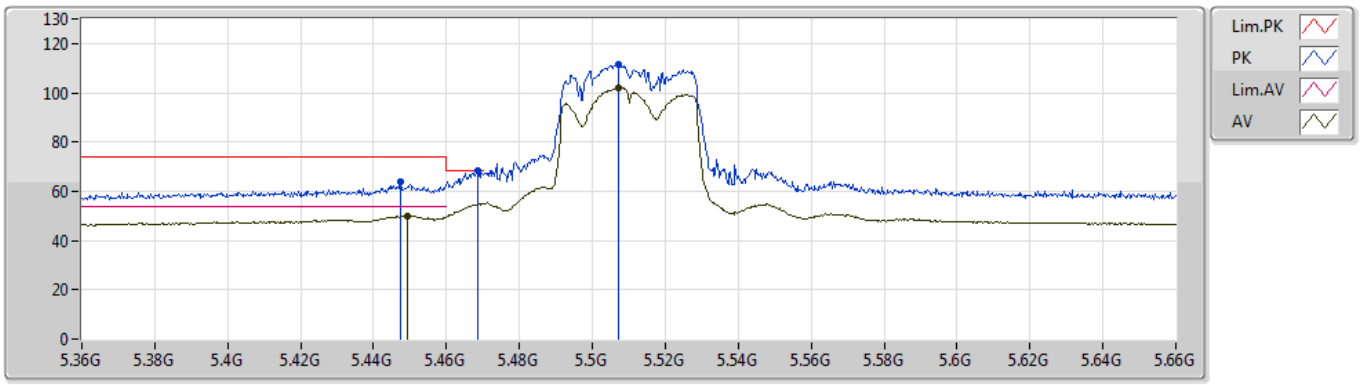
EUT Y_2TX
Setting 19
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4572G	64.61	74.00	-9.39	6.45	3	Vertical	32	2.34	-
AV	5.4584G	50.78	54.00	-3.22	6.45	3	Vertical	32	2.34	-
PK	5.4698G	67.89	68.20	-0.31	6.46	3	Vertical	32	2.34	-
PK	5.5142G	111.63	Inf	-Inf	6.48	3	Vertical	32	2.34	-
AV	5.5145G	102.12	Inf	-Inf	6.48	3	Vertical	32	2.34	-

802.11ac VHT40_Nss1,(MCS0)_2TX

18/04/2019

5510MHz_TX



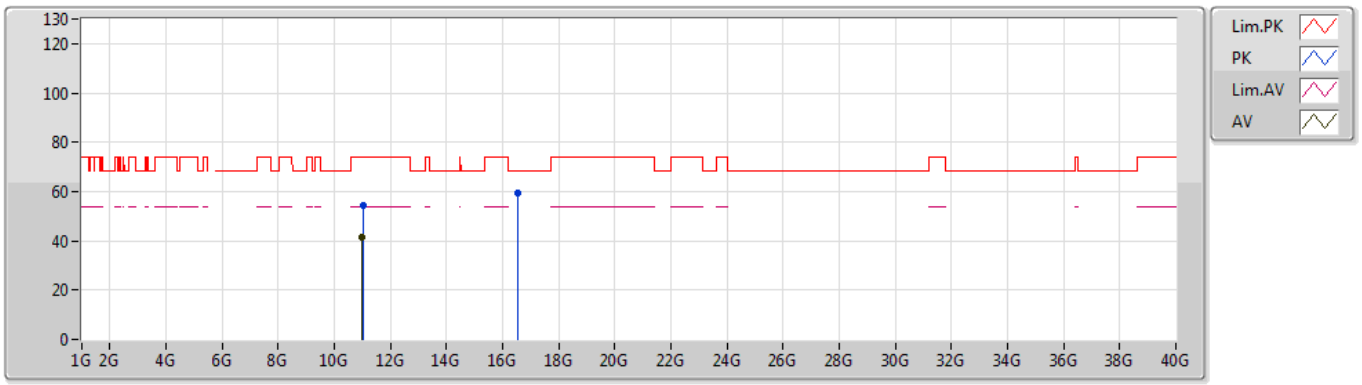
EUT Y_2TX
Setting 19
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4473G	63.99	74.00	-10.01	6.45	3	Horizontal	76	2.50	-
AV	5.4491G	50.10	54.00	-3.90	6.45	3	Horizontal	76	2.50	-
PK	5.4686G	68.18	68.20	-0.02	6.46	3	Horizontal	76	2.50	-
PK	5.5073G	111.39	Inf	-Inf	6.48	3	Horizontal	76	2.50	-
AV	5.507G	101.81	Inf	-Inf	6.48	3	Horizontal	76	2.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

18/04/2019

5510MHz_TX



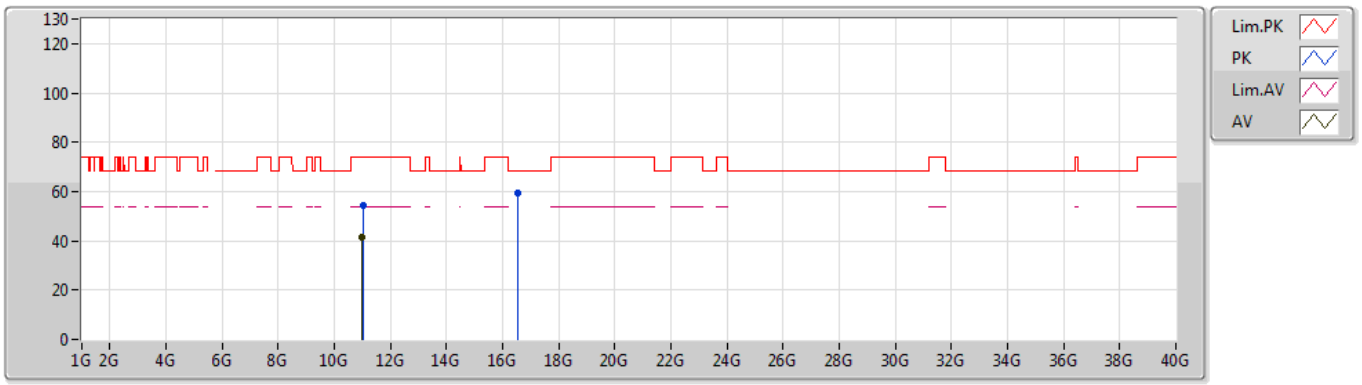
EUT Y_2TX
Setting 19
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.02804G	54.16	74.00	-19.84	13.97	3	Vertical	155	1.74	-
AV	10.9996G	41.41	54.00	-12.59	13.94	3	Vertical	155	1.74	-
PK	16.55904G	59.51	68.20	-8.69	15.45	3	Vertical	337	1.58	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5510MHz_TX

18/04/2019



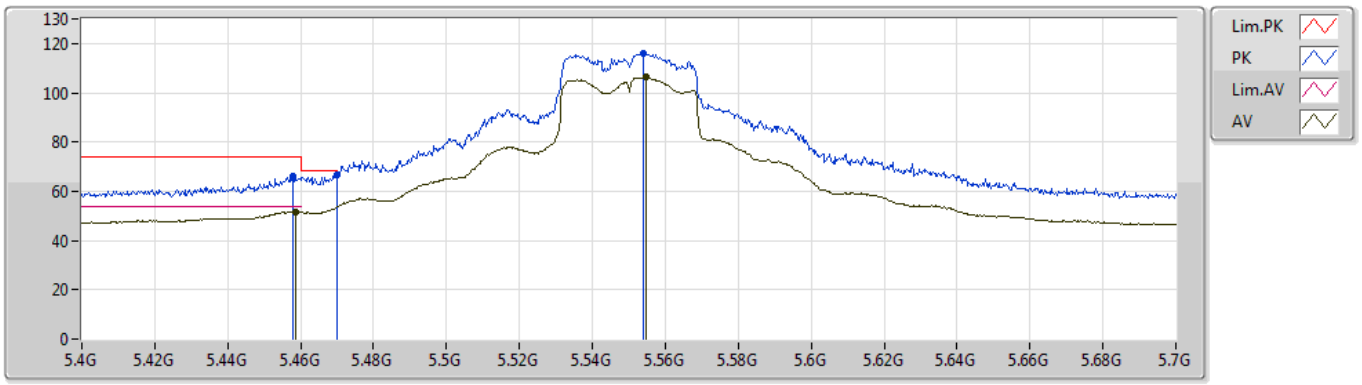
EUT Y_2TX
Setting 19
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.04532G	54.20	74.00	-19.80	13.98	3	Horizontal	264	1.50	-
AV	10.99498G	41.20	54.00	-12.80	13.94	3	Horizontal	264	1.50	-
PK	16.5192G	59.26	68.20	-8.94	15.32	3	Horizontal	277	1.76	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5550MHz_TX

18/04/2019



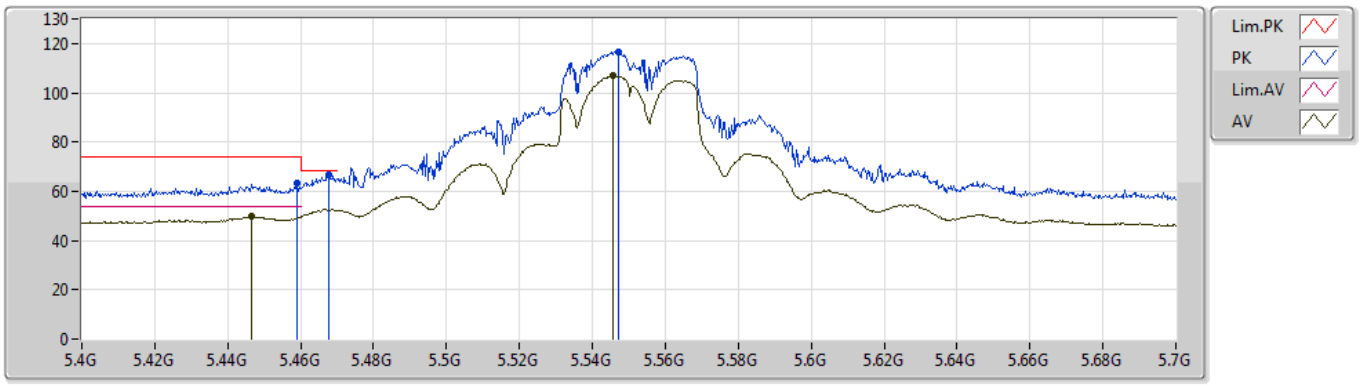
EUT Y_2TX
Setting 30
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4579G	66.23	74.00	-7.77	6.45	3	Vertical	30	2.33	-
AV	5.4585G	51.78	54.00	-2.22	6.45	3	Vertical	30	2.33	-
PK	5.4699G	66.66	68.20	-1.54	6.46	3	Vertical	30	2.33	-
PK	5.5539G	116.14	Inf	-Inf	6.42	3	Vertical	30	2.33	-
AV	5.5548G	106.24	Inf	-Inf	6.42	3	Vertical	30	2.33	-

802.11ac VHT40_Nss1,(MCS0)_2TX

18/04/2019

5550MHz_TX



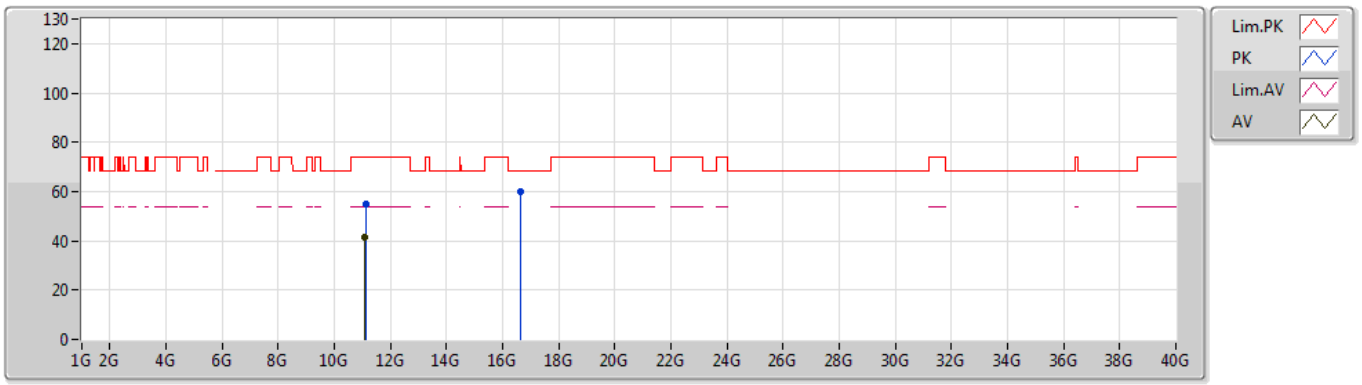
EUT Y_2TX
Setting 30
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4591G	63.19	74.00	-10.81	6.45	3	Horizontal	64	2.30	-
AV	5.4465G	49.71	54.00	-4.29	6.45	3	Horizontal	64	2.30	-
PK	5.4678G	66.88	68.20	-1.32	6.46	3	Horizontal	64	2.30	-
PK	5.5473G	116.61	Inf	-Inf	6.44	3	Horizontal	64	2.30	-
AV	5.5458G	106.80	Inf	-Inf	6.44	3	Horizontal	64	2.30	-

802.11ac VHT40_Nss1,(MCS0)_2TX

18/04/2019

5550MHz_TX



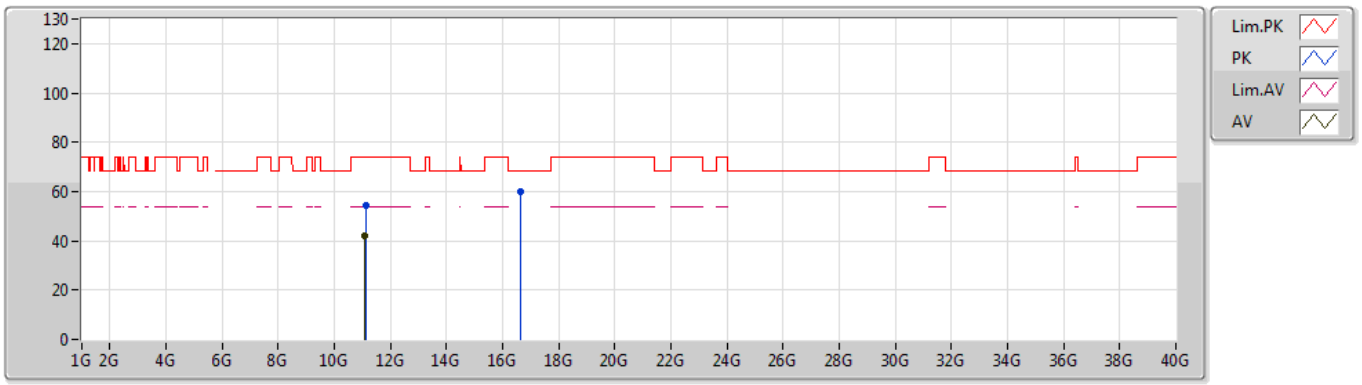
EUT Y_2TX
Setting 30
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.11458G	54.83	74.00	-19.17	14.05	3	Vertical	288	1.70	-
AV	11.09442G	41.64	54.00	-12.36	14.03	3	Vertical	288	1.70	-
PK	16.63734G	59.94	68.20	-8.26	15.73	3	Vertical	142	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

18/04/2019

5550MHz_TX



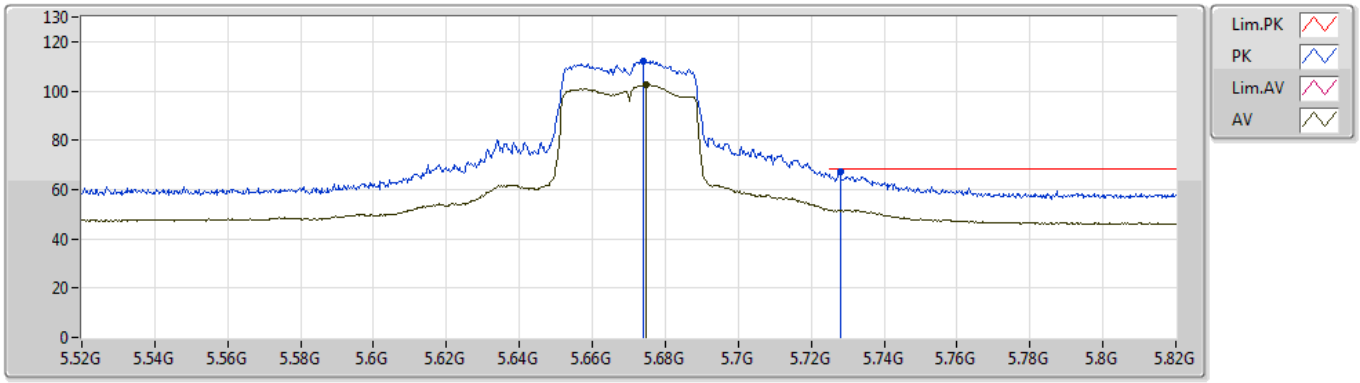
EUT Y_2TX
Setting 30
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.1141G	54.56	74.00	-19.44	14.05	3	Horizontal	163	1.32	-
AV	11.0739G	41.75	54.00	-12.25	14.01	3	Horizontal	163	1.32	-
PK	16.6467G	59.87	68.20	-8.33	15.75	3	Horizontal	146	1.45	-

802.11ac VHT40_Nss1,(MCS0)_2TX

18/04/2019

5670MHz_TX



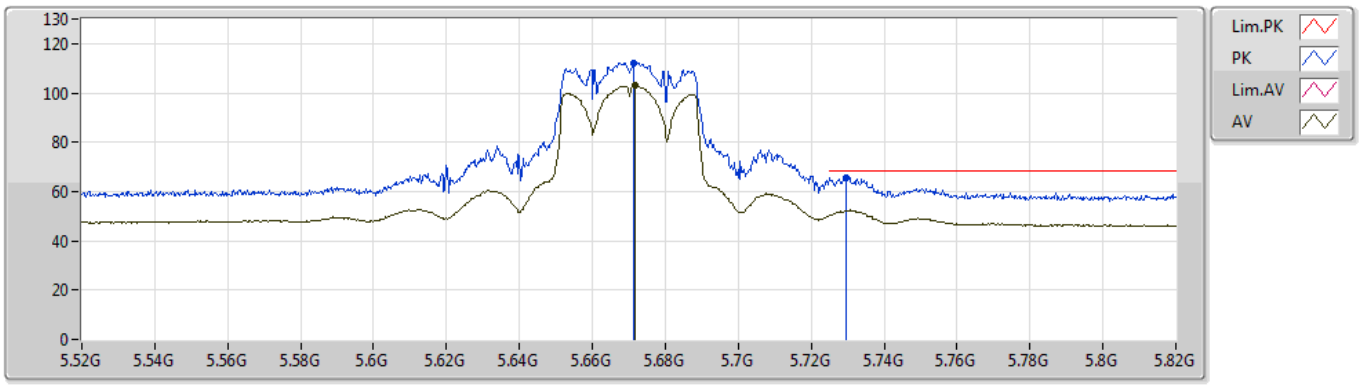
EUT Y_2TX
Setting 20.5
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6739G	111.94	Inf	-Inf	6.37	3	Vertical	24	2.23	-
AV	5.6748G	102.55	Inf	-Inf	6.37	3	Vertical	24	2.23	-
PK	5.7279G	67.08	68.20	-1.12	6.39	3	Vertical	24	2.23	-

802.11ac VHT40_Nss1,(MCS0)_2TX

18/04/2019

5670MHz_TX



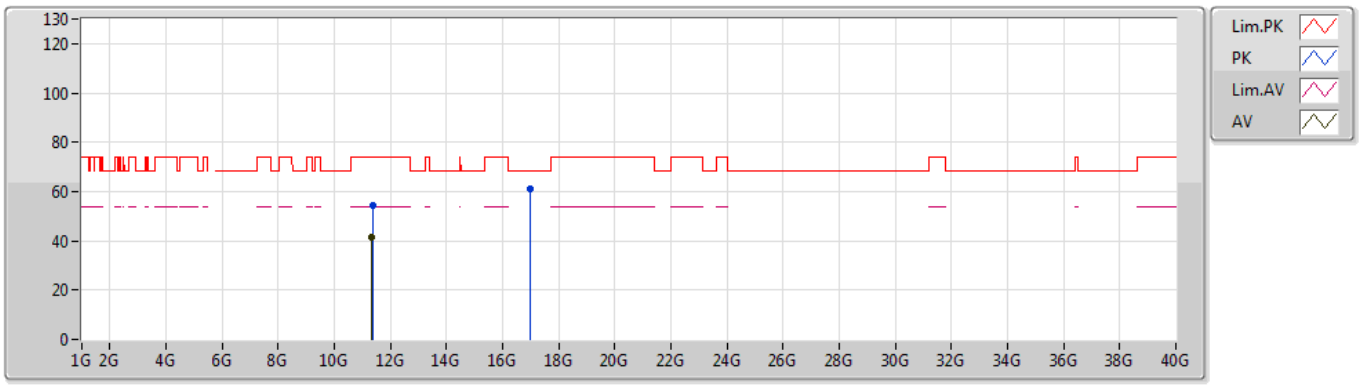
EUT Y_2TX
Setting 20.5
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6715G	112.33	Inf	-Inf	6.37	3	Horizontal	71	2.44	-
AV	5.6718G	103.18	Inf	-Inf	6.37	3	Horizontal	71	2.44	-
PK	5.7294G	65.79	68.20	-2.41	6.39	3	Horizontal	71	2.44	-

802.11ac VHT40_Nss1,(MCS0)_2TX

18/04/2019

5670MHz_TX



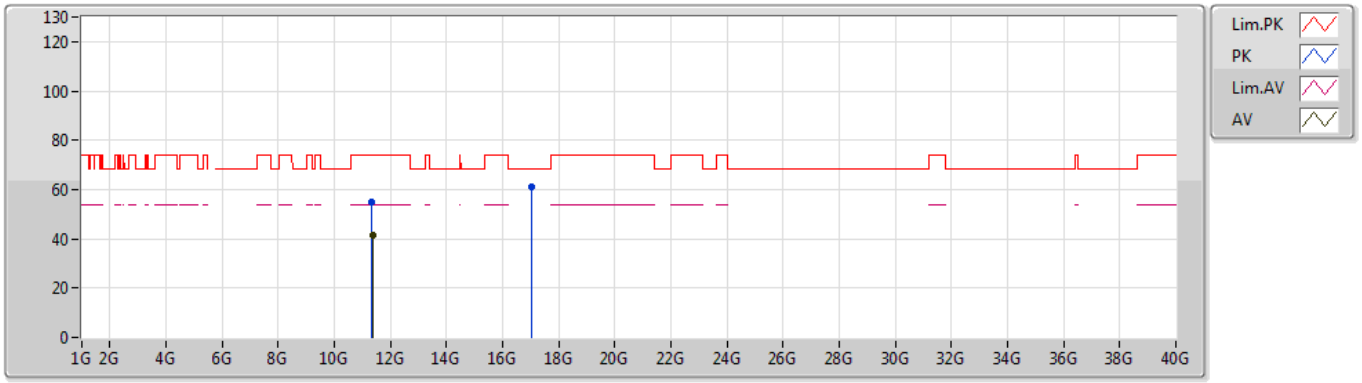
EUT Y_2TX
Setting 20.5
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.35926G	54.61	74.00	-19.39	14.28	3	Vertical	195	1.95	-
AV	11.31228G	41.58	54.00	-12.42	14.24	3	Vertical	195	1.95	-
PK	17.00712G	61.04	68.20	-7.16	17.02	3	Vertical	175	1.45	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5670MHz_TX

18/04/2019



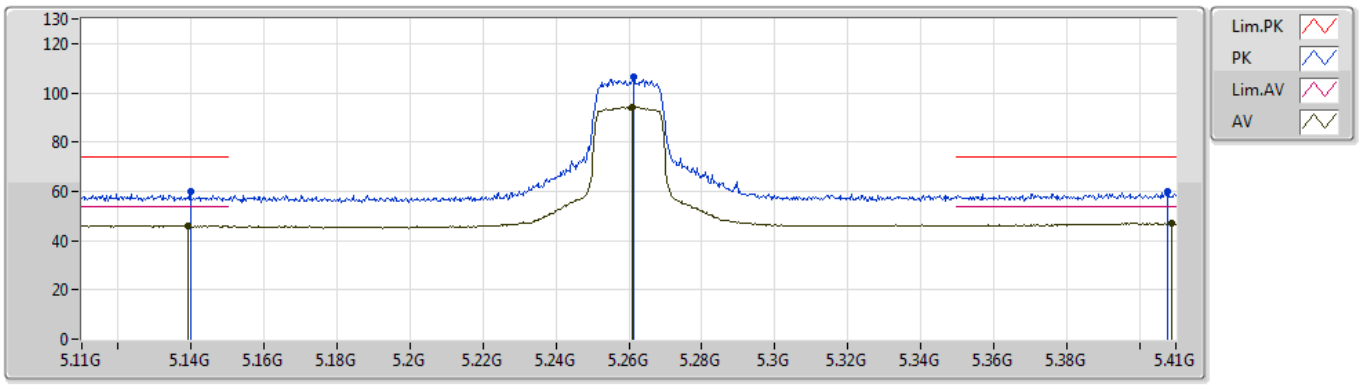
EUT Y_2TX
Setting 20.5
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.34546G	54.78	74.00	-19.22	14.27	3	Horizontal	203	2.46	-
AV	11.36898G	41.59	54.00	-12.41	14.30	3	Horizontal	203	2.46	-
PK	17.01426G	61.07	68.20	-7.13	17.05	3	Horizontal	108	2.42	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5260MHz_TX

18/04/2019



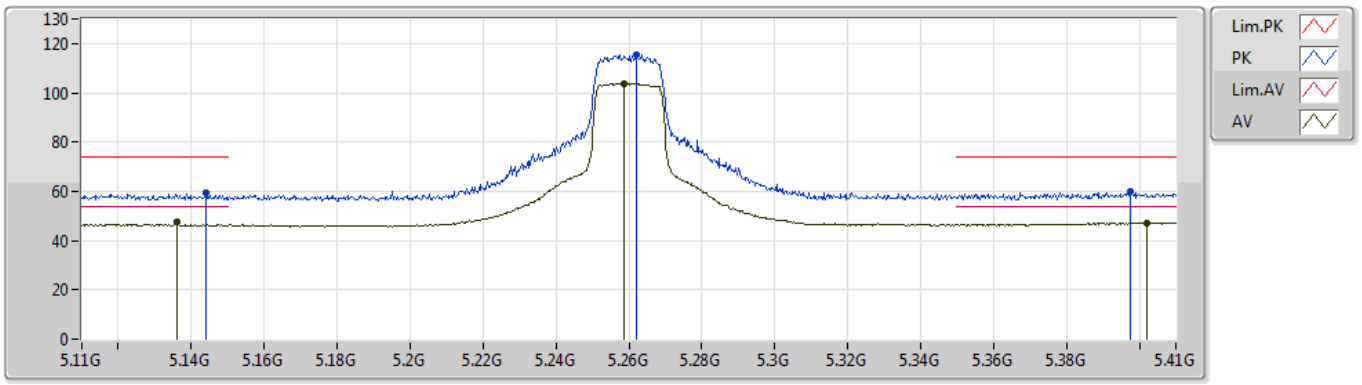
EUT Y_2TX
Setting 30
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1397G	60.05	74.00	-13.95	5.81	3	Vertical	149	1.60	-
AV	5.1391G	46.15	54.00	-7.85	5.81	3	Vertical	149	1.60	-
PK	5.2615G	106.37	Inf	-Inf	6.10	3	Vertical	149	1.60	-
AV	5.2609G	94.12	Inf	-Inf	6.10	3	Vertical	149	1.60	-
PK	5.4079G	59.76	74.00	-14.24	6.41	3	Vertical	149	1.60	-
AV	5.4088G	47.06	54.00	-6.94	6.41	3	Vertical	149	1.60	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

18/04/2019

5260MHz_TX



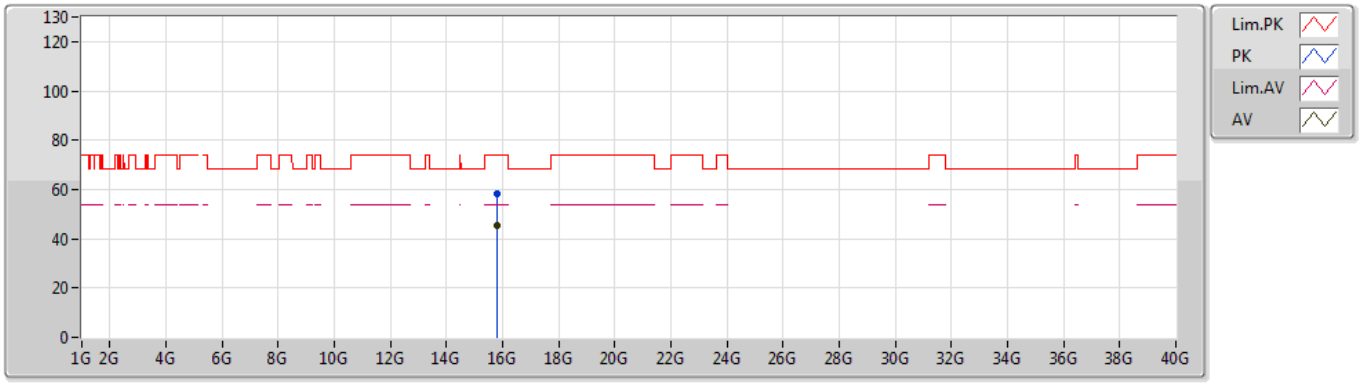
EUT Y_2TX
Setting 30
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1439G	59.18	74.00	-14.82	5.82	3	Horizontal	119	2.44	-
AV	5.1361G	47.60	54.00	-6.40	5.81	3	Horizontal	119	2.44	-
PK	5.2621G	115.41	Inf	-Inf	6.10	3	Horizontal	119	2.44	-
AV	5.2585G	103.76	Inf	-Inf	6.09	3	Horizontal	119	2.44	-
PK	5.3977G	59.68	74.00	-14.32	6.40	3	Horizontal	119	2.44	-
AV	5.4022G	47.26	54.00	-6.74	6.40	3	Horizontal	119	2.44	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5260MHz_TX

18/04/2019



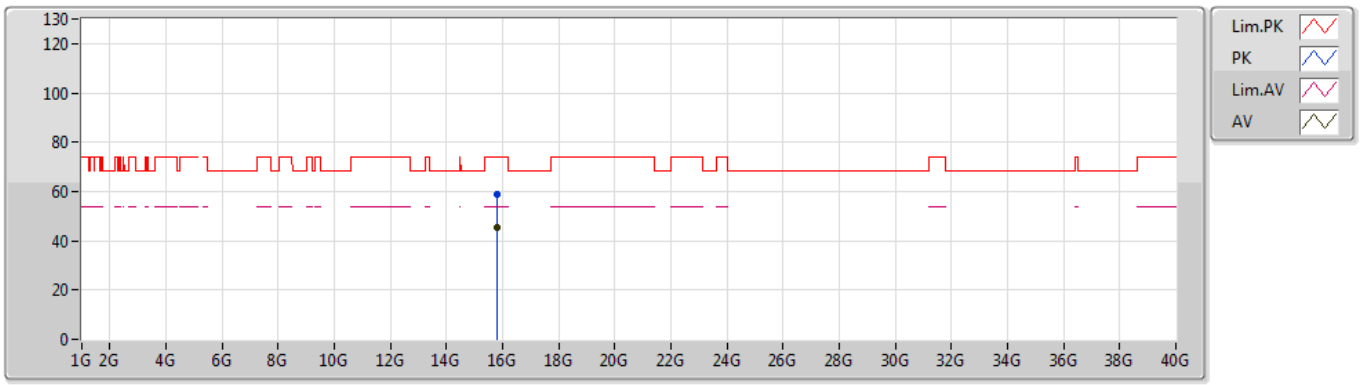
EUT Y_2TX
Setting 30
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.78178G	58.52	74.00	-15.48	14.34	3	Vertical	133	1.69	-
AV	15.77926G	45.14	54.00	-8.86	14.35	3	Vertical	133	1.69	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5260MHz_TX

18/04/2019



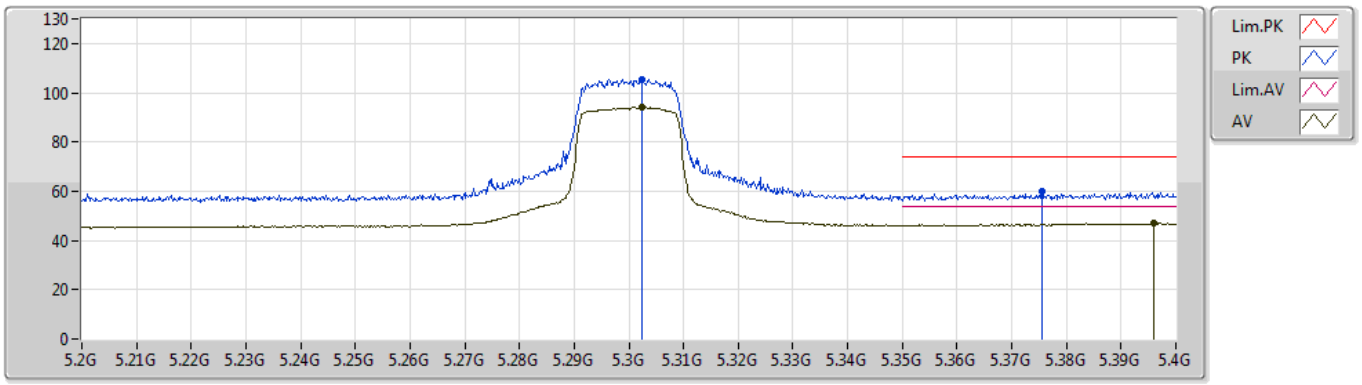
EUT Y_2TX
Setting 30
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.78461G	58.64	74.00	-15.36	14.34	3	Horizontal	104	1.39	-
AV	15.77884G	45.20	54.00	-8.80	14.35	3	Horizontal	104	1.39	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5300MHz_TX

18/04/2019



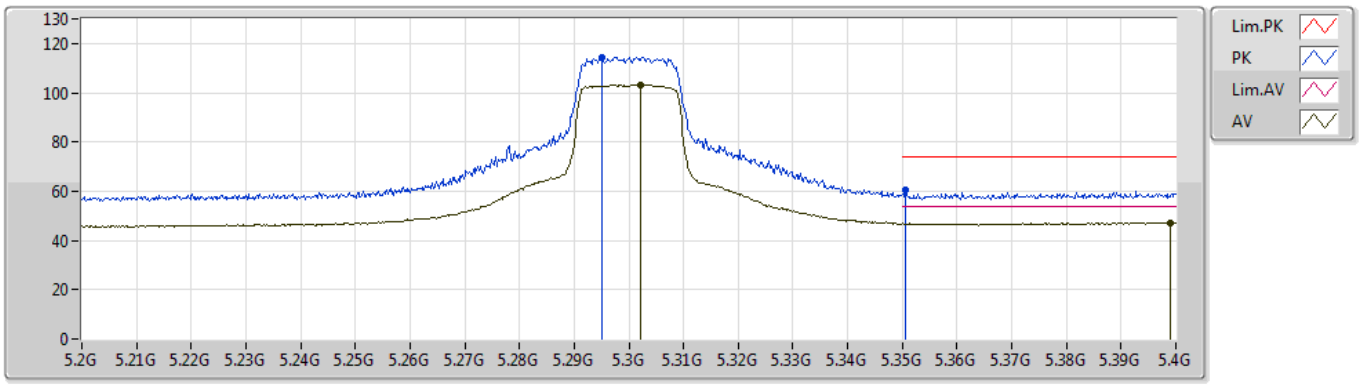
EUT Y_2TX
Setting 30
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3024G	105.55	Inf	-Inf	6.22	3	Vertical	101	1.26	-
AV	5.3024G	94.19	Inf	-Inf	6.22	3	Vertical	101	1.26	-
PK	5.3756G	60.07	74.00	-13.93	6.36	3	Vertical	101	1.26	-
AV	5.396G	46.94	54.00	-7.06	6.40	3	Vertical	101	1.26	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5300MHz_TX

18/04/2019



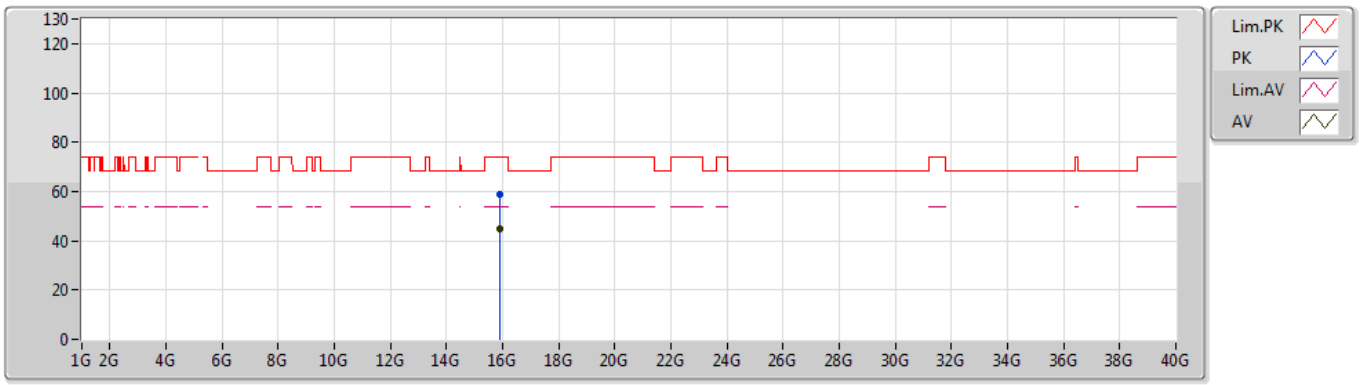
EUT Y_2TX
Setting 30
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.2952G	114.56	Inf	-Inf	6.20	3	Horizontal	12	1.95	-
AV	5.3022G	103.32	Inf	-Inf	6.22	3	Horizontal	12	1.95	-
PK	5.3506G	60.30	74.00	-13.70	6.31	3	Horizontal	12	1.95	-
AV	5.399G	47.27	54.00	-6.73	6.40	3	Horizontal	12	1.95	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5300MHz_TX

18/04/2019



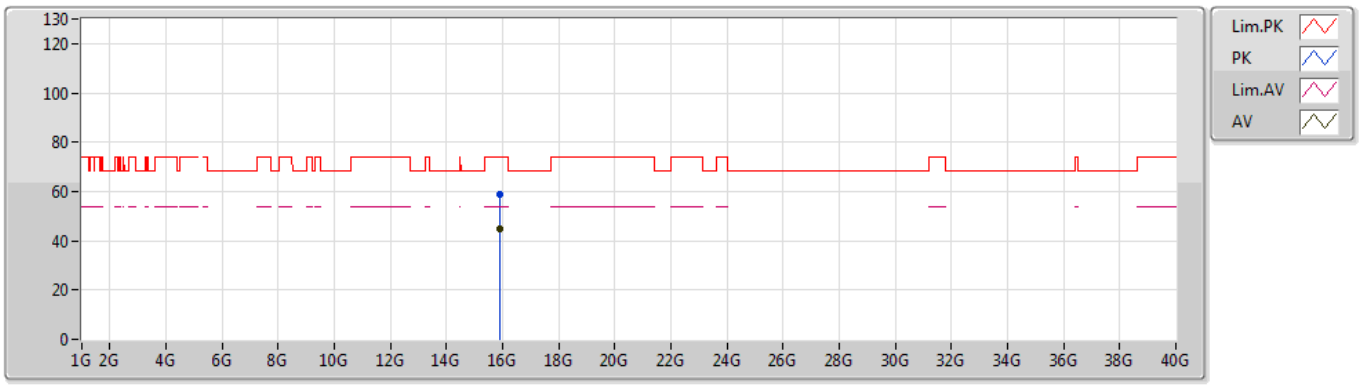
EUT Y_2TX
Setting 30
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.89777G	58.77	74.00	-15.23	13.91	3	Vertical	105	1.62	-
AV	15.89839G	44.72	54.00	-9.28	13.90	3	Vertical	105	1.62	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5300MHz_TX

18/04/2019



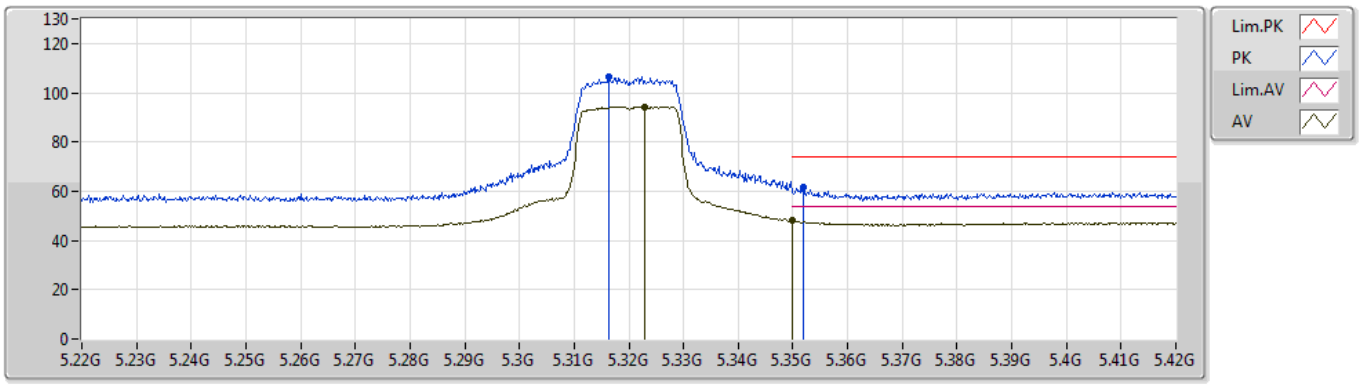
EUT Y_2TX
Setting 30
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.90148G	58.61	74.00	-15.39	13.90	3	Horizontal	270	2.49	-
AV	15.89833G	44.70	54.00	-9.30	13.91	3	Horizontal	270	2.49	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5320MHz_TX

18/04/2019



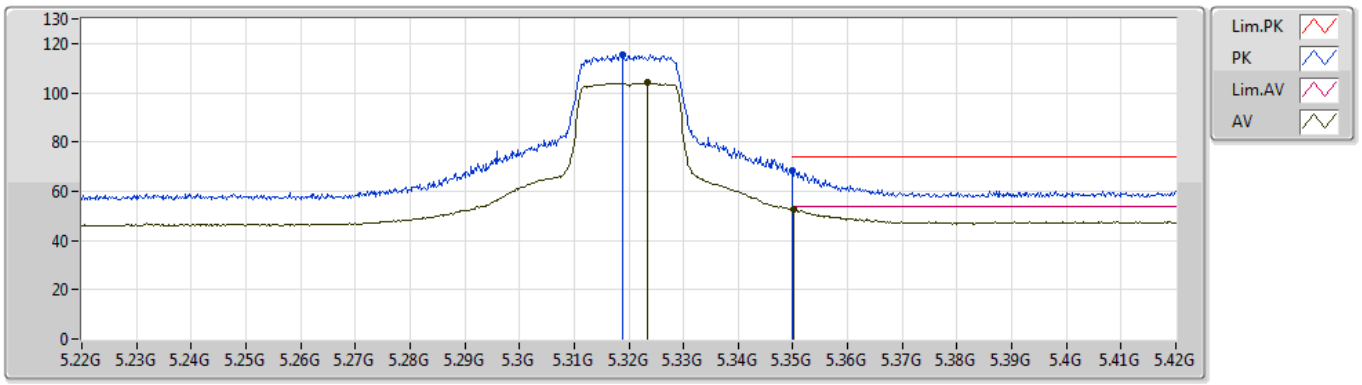
EUT Y_2TX
Setting 30
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3164G	106.56	Inf	-Inf	6.25	3	Vertical	111	1.45	-
AV	5.323G	94.33	Inf	-Inf	6.26	3	Vertical	111	1.45	-
PK	5.352G	61.52	74.00	-12.48	6.31	3	Vertical	111	1.45	-
AV	5.35G	48.06	54.00	-5.94	6.31	3	Vertical	111	1.45	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5320MHz_TX

18/04/2019



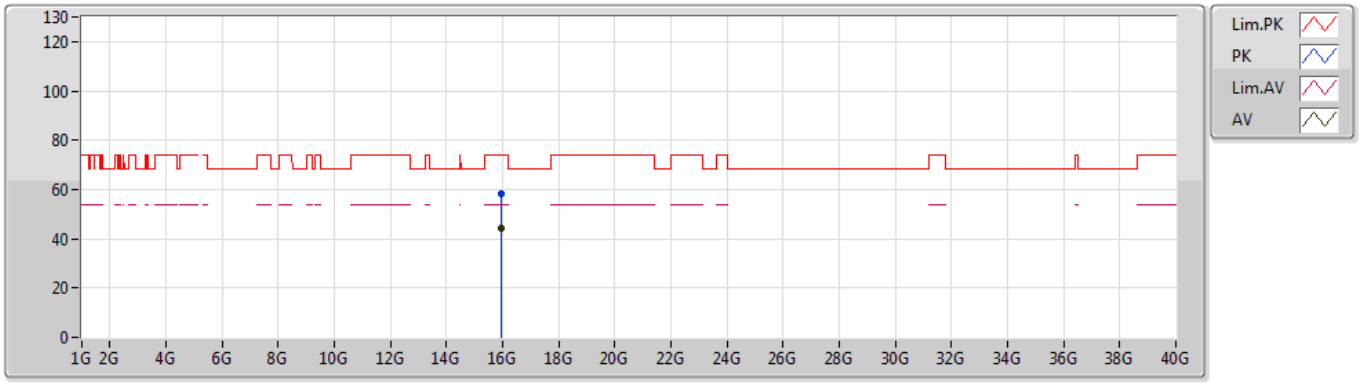
EUT Y_2TX
Setting 30
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3188G	115.27	Inf	-Inf	6.26	3	Horizontal	9	1.74	-
AV	5.3234G	104.03	Inf	-Inf	6.26	3	Horizontal	9	1.74	-
PK	5.35G	68.53	74.00	-5.47	6.31	3	Horizontal	9	1.74	-
AV	5.3502G	52.48	54.00	-1.52	6.31	3	Horizontal	9	1.74	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5320MHz_TX

18/04/2019



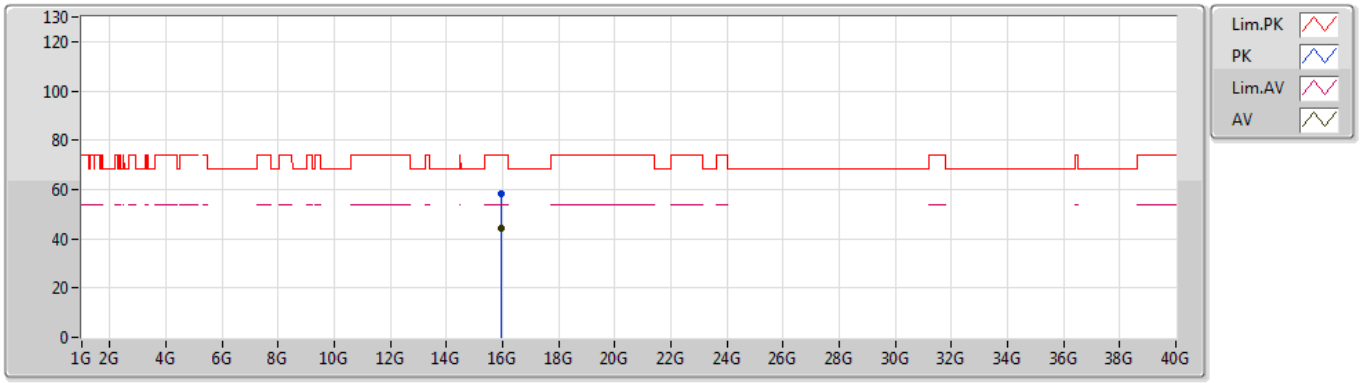
EUT Y_2TX
Setting 30
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.95894G	58.46	74.00	-15.54	13.67	3	Vertical	304	1.50	-
AV	15.9575G	44.53	54.00	-9.47	13.68	3	Vertical	304	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5320MHz_TX

18/04/2019



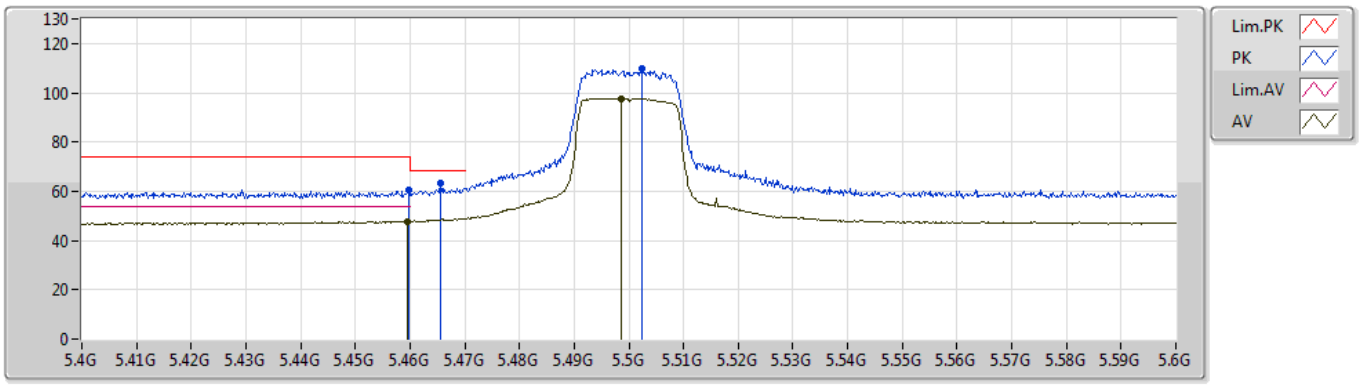
EUT Y_2TX
Setting 30
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.96002G	58.53	74.00	-15.47	13.67	3	Horizontal	1	2.22	-
AV	15.96186G	44.54	54.00	-9.46	13.66	3	Horizontal	1	2.22	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5500MHz_TX

18/04/2019



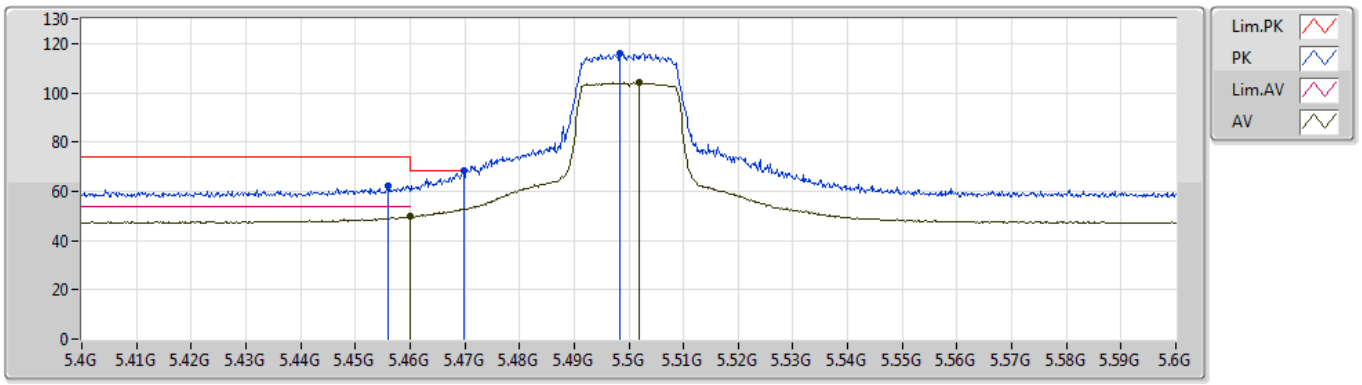
EUT Y_2TX
Setting 24.5
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4598G	60.30	74.00	-13.70	6.45	3	Vertical	109	1.03	-
AV	5.4596G	47.78	54.00	-6.22	6.45	3	Vertical	109	1.03	-
PK	5.4656G	63.37	68.20	-4.83	6.46	3	Vertical	109	1.03	-
PK	5.5024G	109.73	Inf	-Inf	6.49	3	Vertical	109	1.03	-
AV	5.4986G	97.74	Inf	-Inf	6.49	3	Vertical	109	1.03	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5500MHz_TX

18/04/2019



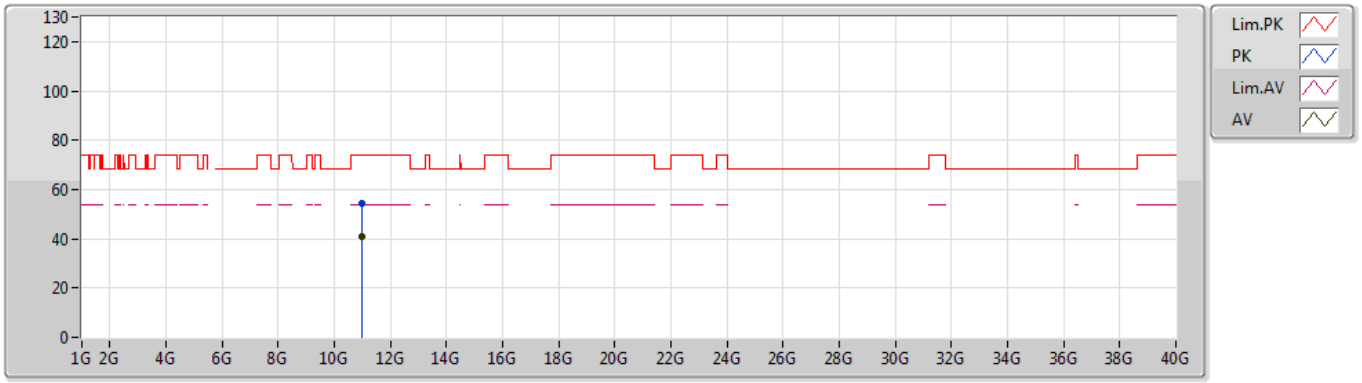
EUT Y_2TX
Setting 24.5
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.456G	62.02	74.00	-11.98	6.45	3	Horizontal	10	2.53	-
AV	5.46G	49.76	54.00	-4.24	6.45	3	Horizontal	10	2.53	-
PK	5.4698G	68.12	68.20	-0.08	6.46	3	Horizontal	10	2.53	-
PK	5.4984G	115.83	Inf	-Inf	6.49	3	Horizontal	10	2.53	-
AV	5.5018G	104.27	Inf	-Inf	6.49	3	Horizontal	10	2.53	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5500MHz_TX

18/04/2019



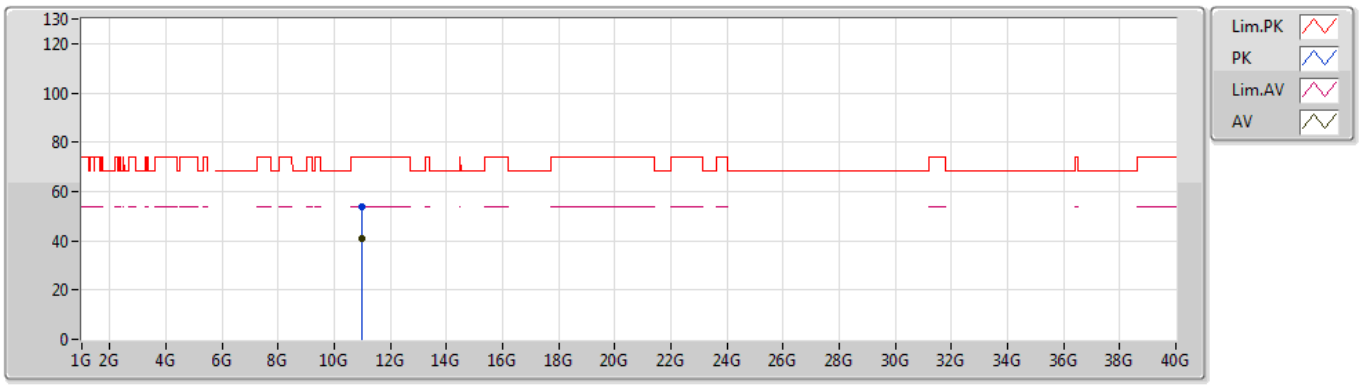
EUT Y_2TX
Setting 24.5
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.99817G	54.32	74.00	-19.68	13.94	3	Vertical	301	1.83	-
AV	10.99883G	40.69	54.00	-13.31	13.94	3	Vertical	301	1.83	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5500MHz_TX

18/04/2019



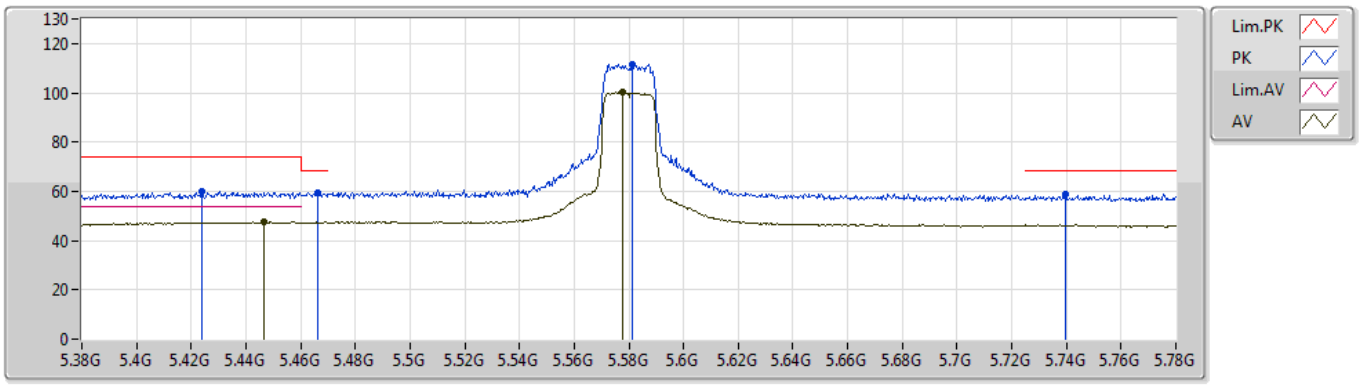
EUT Y_2TX
Setting 24.5
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.00065G	54.05	74.00	-19.95	13.94	3	Horizontal	207	2.15	-
AV	10.99881G	40.89	54.00	-13.11	13.94	3	Horizontal	207	2.15	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

18/04/2019

5580MHz_TX



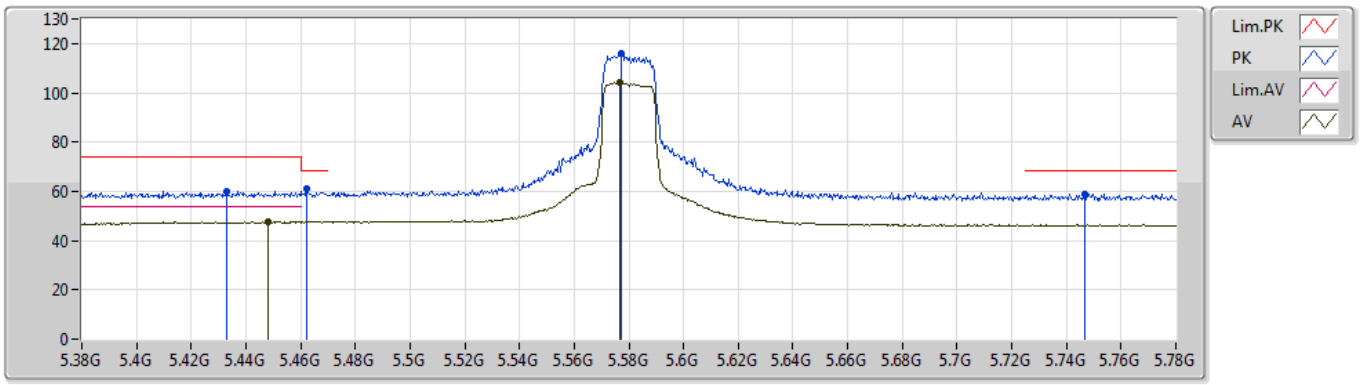
EUT Y_2TX
Setting 30
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.424G	59.83	74.00	-14.17	6.42	3	Vertical	198	2.98	-
AV	5.4464G	47.53	54.00	-6.47	6.45	3	Vertical	198	2.98	-
PK	5.4664G	59.60	68.20	-8.60	6.46	3	Vertical	198	2.98	-
PK	5.5812G	111.49	Inf	-Inf	6.39	3	Vertical	198	2.98	-
AV	5.5776G	100.09	Inf	-Inf	6.39	3	Vertical	198	2.98	-
PK	5.7396G	58.66	68.20	-9.54	6.40	3	Vertical	198	2.98	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

18/04/2019

5580MHz_TX



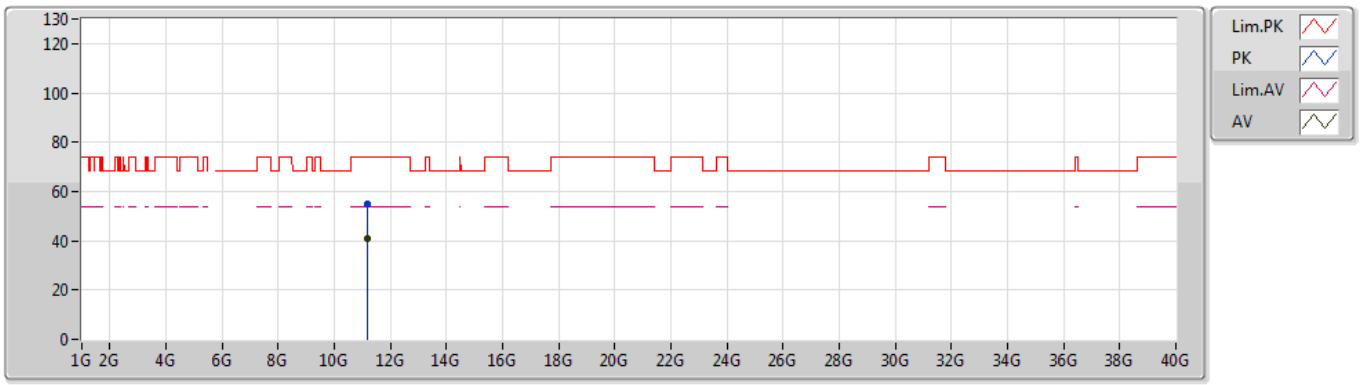
EUT Y_2TX
Setting 30
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4332G	60.14	74.00	-13.86	6.43	3	Horizontal	348	1.72	-
AV	5.448G	47.71	54.00	-6.29	6.45	3	Horizontal	348	1.72	-
PK	5.462G	61.03	68.20	-7.17	6.45	3	Horizontal	348	1.72	-
PK	5.5772G	115.95	Inf	-Inf	6.39	3	Horizontal	348	1.72	-
AV	5.5768G	104.18	Inf	-Inf	6.39	3	Horizontal	348	1.72	-
PK	5.7468G	58.87	68.20	-9.33	6.41	3	Horizontal	348	1.72	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5580MHz_TX

18/04/2019



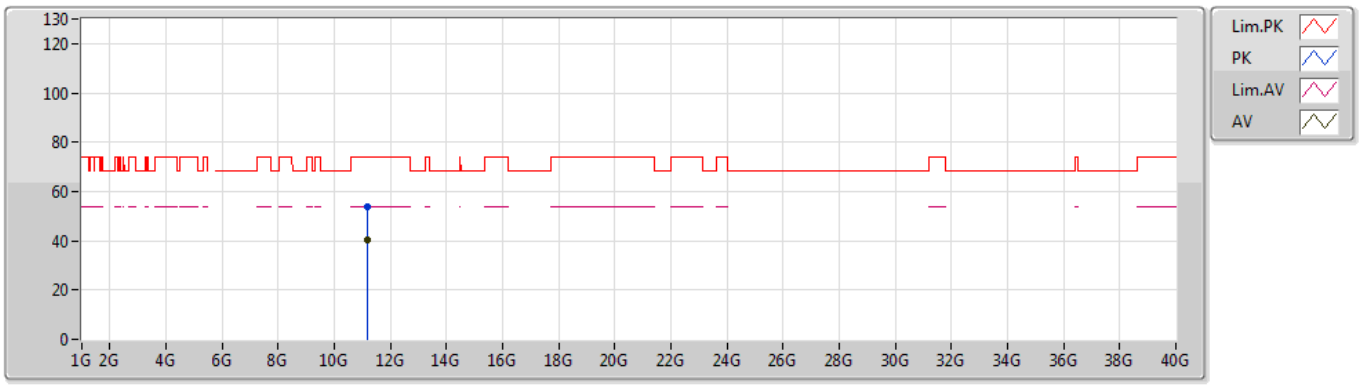
EUT Y_2TX
Setting 30
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.15857G	54.80	74.00	-19.20	14.09	3	Vertical	64	1.85	-
AV	11.15825G	40.98	54.00	-13.02	14.09	3	Vertical	64	1.85	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5580MHz_TX

18/04/2019



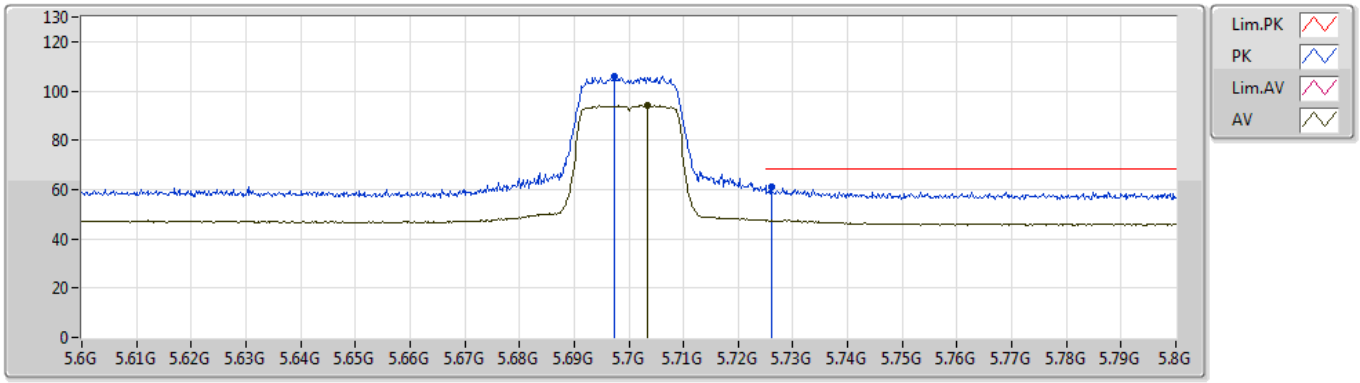
EUT Y_2TX
Setting 30
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.1593G	54.07	74.00	-19.93	14.09	3	Horizontal	91	1.34	-
AV	11.16052G	40.58	54.00	-13.42	14.09	3	Horizontal	91	1.34	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5700MHz_TX

18/04/2019



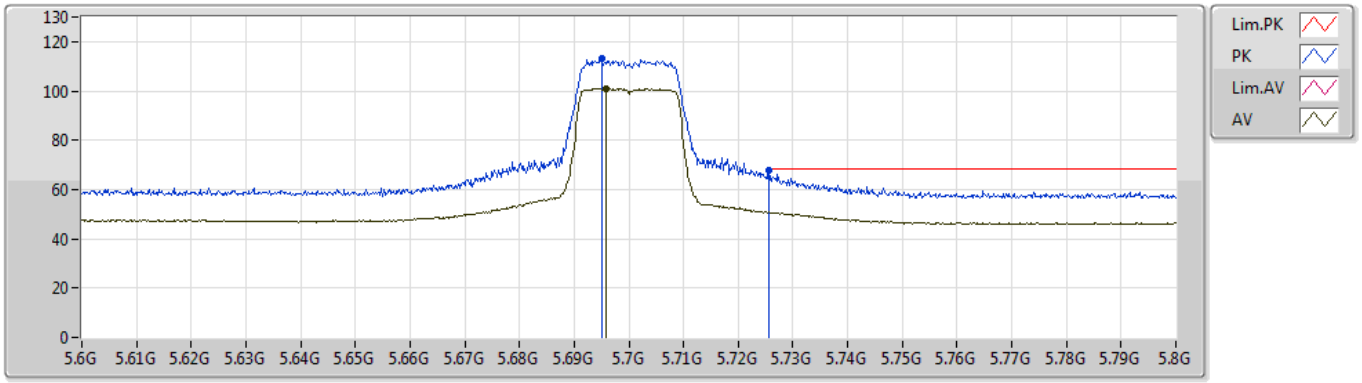
EUT Y_2TX
Setting 23.5
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6974G	105.91	Inf	-Inf	6.37	3	Vertical	109	1.13	-
AV	5.7034G	94.07	Inf	-Inf	6.37	3	Vertical	109	1.13	-
PK	5.726G	60.89	68.20	-7.31	6.39	3	Vertical	109	1.13	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5700MHz_TX

18/04/2019



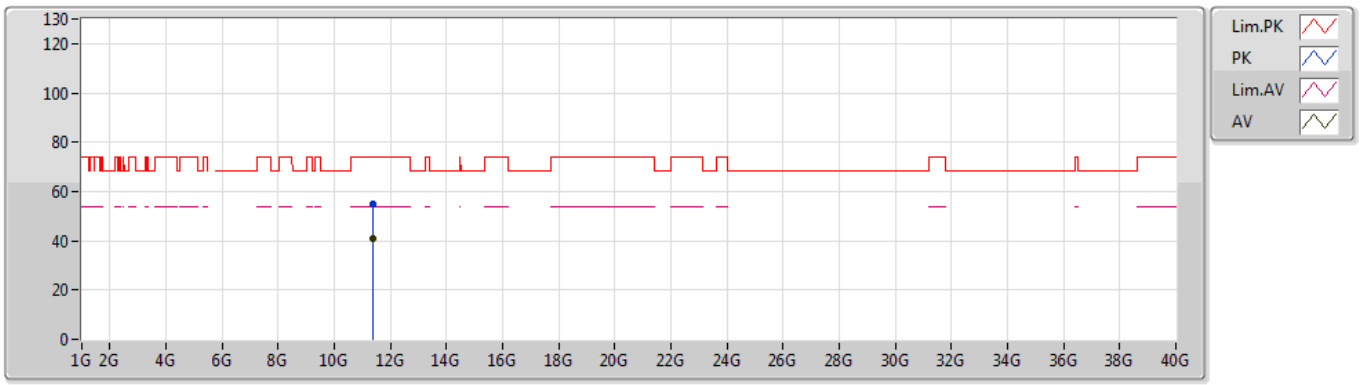
EUT Y_2TX
Setting 23.5
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.695G	112.94	Inf	-Inf	6.36	3	Horizontal	345	1.80	-
AV	5.6958G	100.85	Inf	-Inf	6.37	3	Horizontal	345	1.80	-
PK	5.7256G	68.07	68.20	-0.13	6.39	3	Horizontal	345	1.80	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5700MHz_TX

18/04/2019



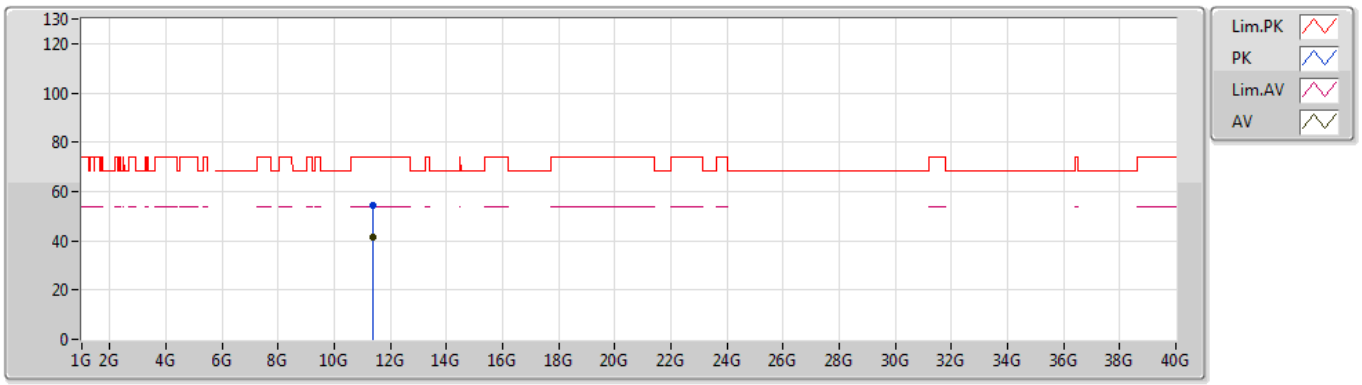
EUT Y_2TX
Setting 23.5
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.3995G	55.02	74.00	-18.98	14.33	3	Vertical	154	1.50	-
AV	11.40122G	41.07	54.00	-12.93	14.33	3	Vertical	154	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5700MHz_TX

18/04/2019



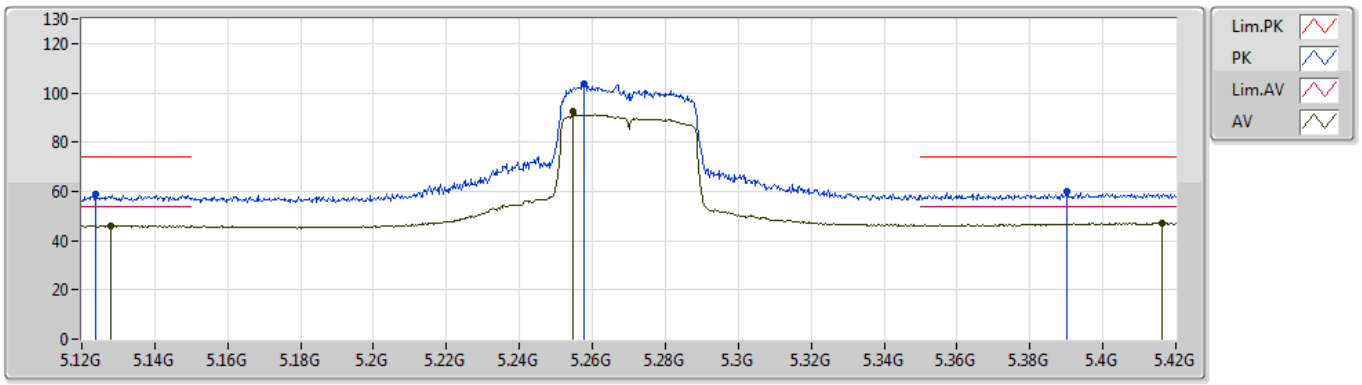
EUT Y_2TX
Setting 23.5
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.39852G	54.41	74.00	-19.59	14.33	3	Horizontal	278	2.92	-
AV	11.40031G	41.24	54.00	-12.76	14.33	3	Horizontal	278	2.92	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

18/04/2019

5270MHz_TX



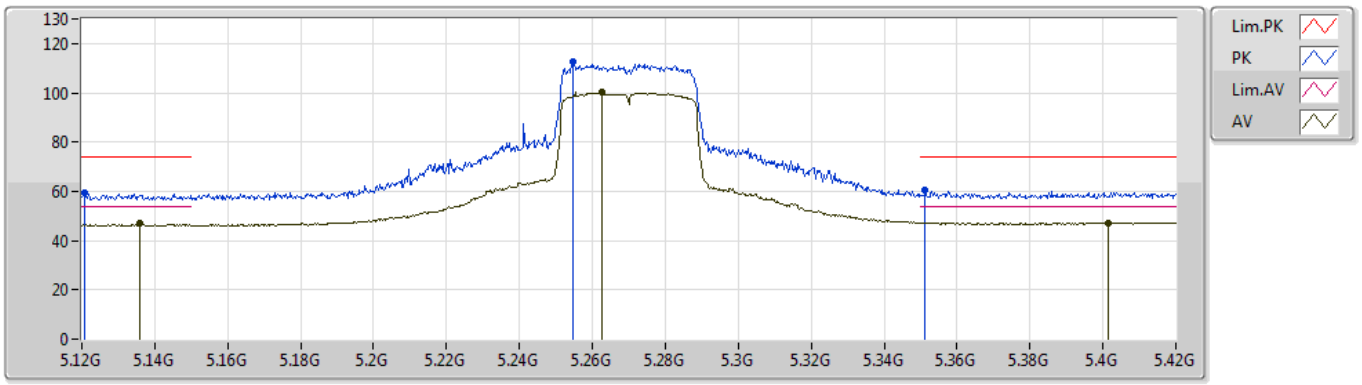
EUT Y_2TX
Setting 30
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1239G	58.87	74.00	-15.13	5.78	3	Vertical	354	2.90	-
AV	5.1278G	46.07	54.00	-7.93	5.79	3	Vertical	354	2.90	-
PK	5.2577G	103.77	Inf	-Inf	6.09	3	Vertical	354	2.90	-
AV	5.2547G	92.35	Inf	-Inf	6.08	3	Vertical	354	2.90	-
PK	5.3903G	60.06	74.00	-13.94	6.38	3	Vertical	354	2.90	-
AV	5.4164G	47.13	54.00	-6.87	6.42	3	Vertical	354	2.90	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

18/04/2019

5270MHz_TX



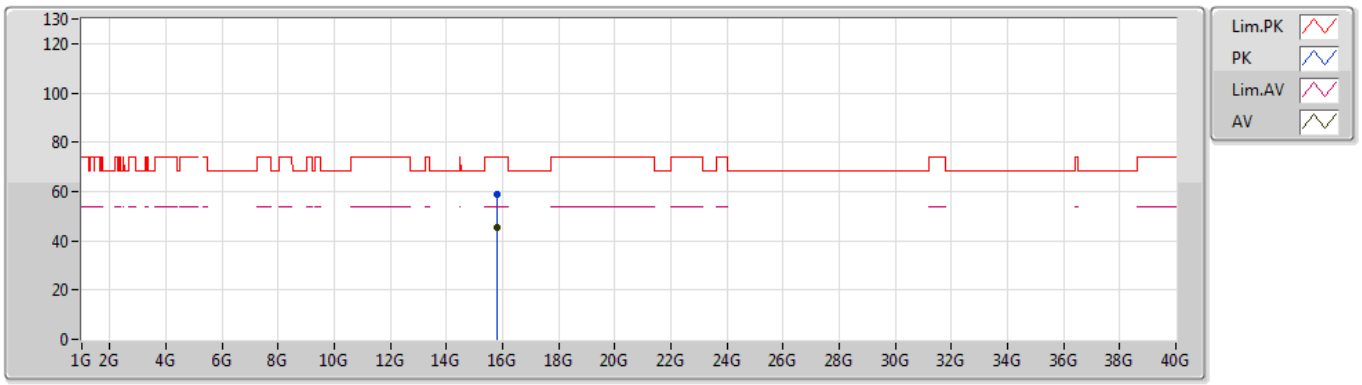
EUT Y_2TX
Setting 30
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1206G	59.67	74.00	-14.33	5.78	3	Horizontal	11	2.52	-
AV	5.1359G	47.12	54.00	-6.88	5.81	3	Horizontal	11	2.52	-
PK	5.2547G	112.90	Inf	-Inf	6.08	3	Horizontal	11	2.52	-
AV	5.2625G	100.13	Inf	-Inf	6.11	3	Horizontal	11	2.52	-
PK	5.3513G	60.36	74.00	-13.64	6.31	3	Horizontal	11	2.52	-
AV	5.4014G	47.34	54.00	-6.66	6.40	3	Horizontal	11	2.52	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5270MHz_TX

18/04/2019



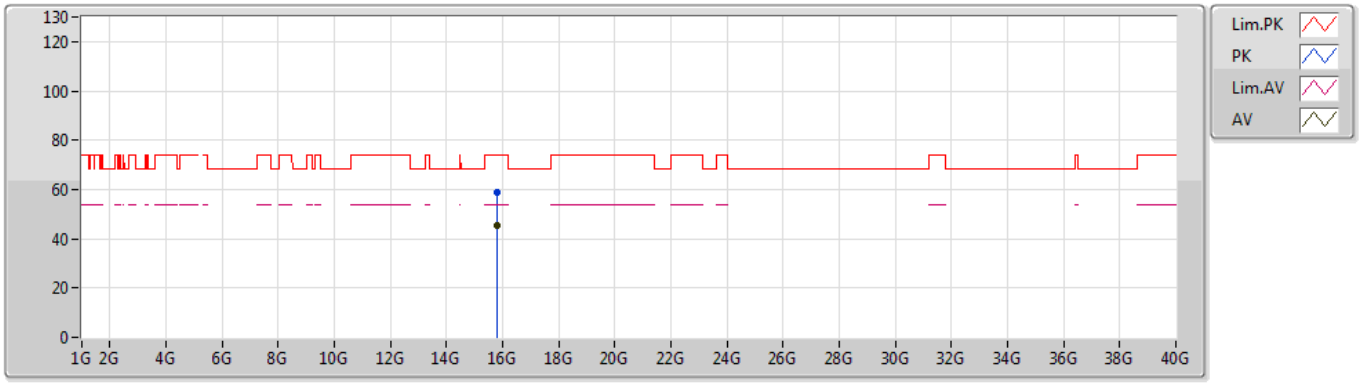
EUT Y_2TX
Setting 30
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.80847G	58.91	74.00	-15.09	14.24	3	Vertical	94	1.03	-
AV	15.80993G	45.25	54.00	-8.75	14.24	3	Vertical	94	1.03	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5270MHz_TX

18/04/2019



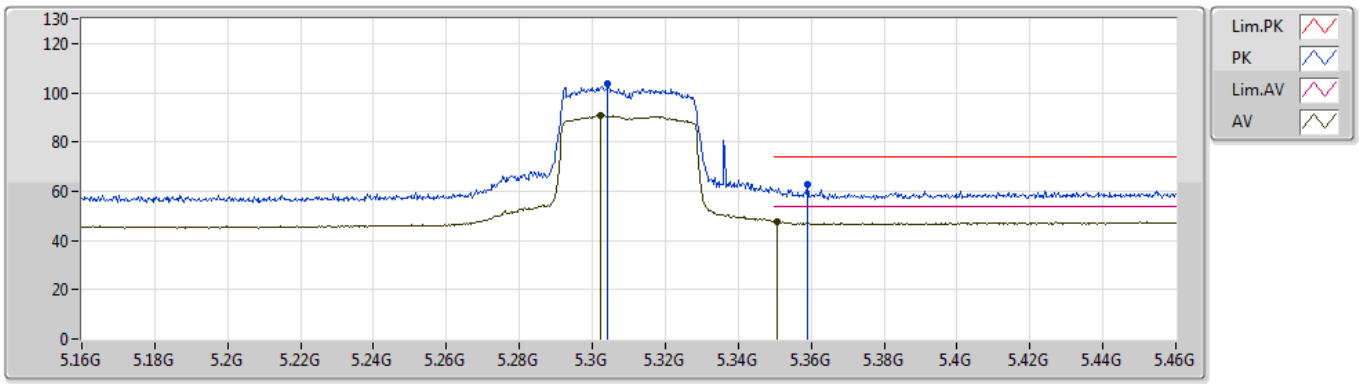
EUT Y_2TX
Setting 30
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.80876G	59.11	74.00	-14.89	14.24	3	Horizontal	141	2.42	-
AV	15.80956G	45.31	54.00	-8.69	14.24	3	Horizontal	141	2.42	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

18/04/2019

5310MHz_TX



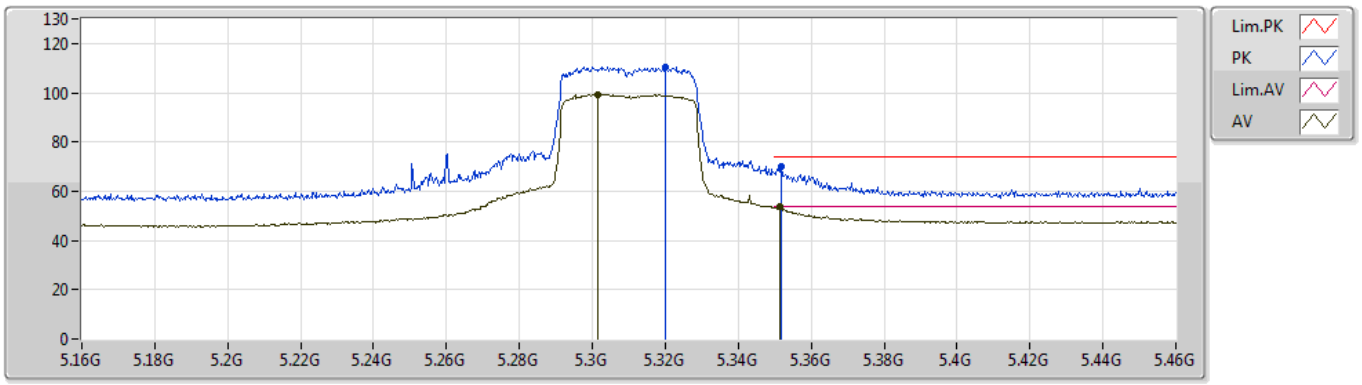
EUT Y_2TX
Setting 23.5
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3043G	103.53	Inf	-Inf	6.22	3	Vertical	189	2.99	-
AV	5.3022G	90.68	Inf	-Inf	6.22	3	Vertical	189	2.99	-
PK	5.3589G	62.64	74.00	-11.36	6.32	3	Vertical	189	2.99	-
AV	5.3505G	47.71	54.00	-6.29	6.31	3	Vertical	189	2.99	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5310MHz_TX

18/04/2019



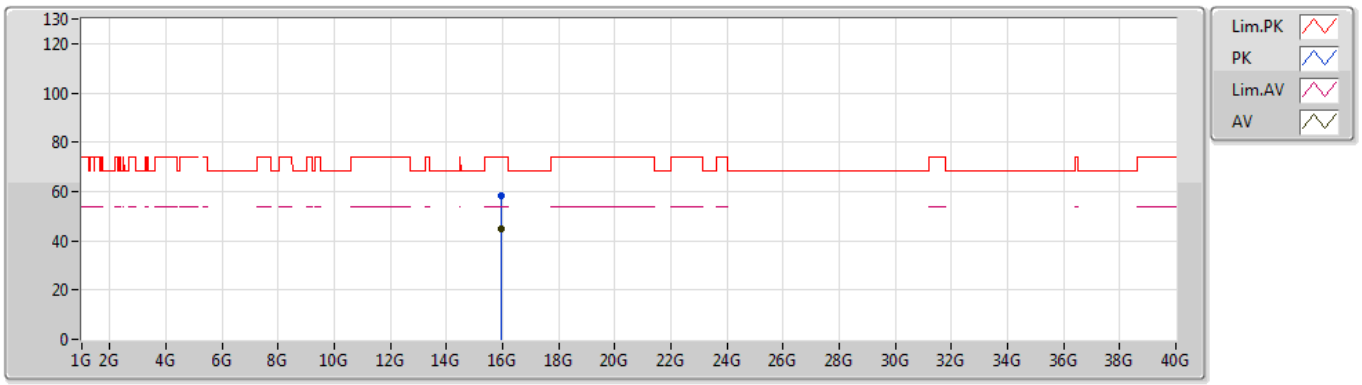
EUT Y_2TX
Setting 23.5
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3202G	110.47	Inf	-Inf	6.26	3	Horizontal	7	2.56	-
AV	5.3016G	99.34	Inf	-Inf	6.22	3	Horizontal	7	2.56	-
PK	5.3517G	70.25	74.00	-3.75	6.31	3	Horizontal	7	2.56	-
AV	5.3514G	53.88	54.00	-0.12	6.31	3	Horizontal	7	2.56	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5310MHz_TX

18/04/2019



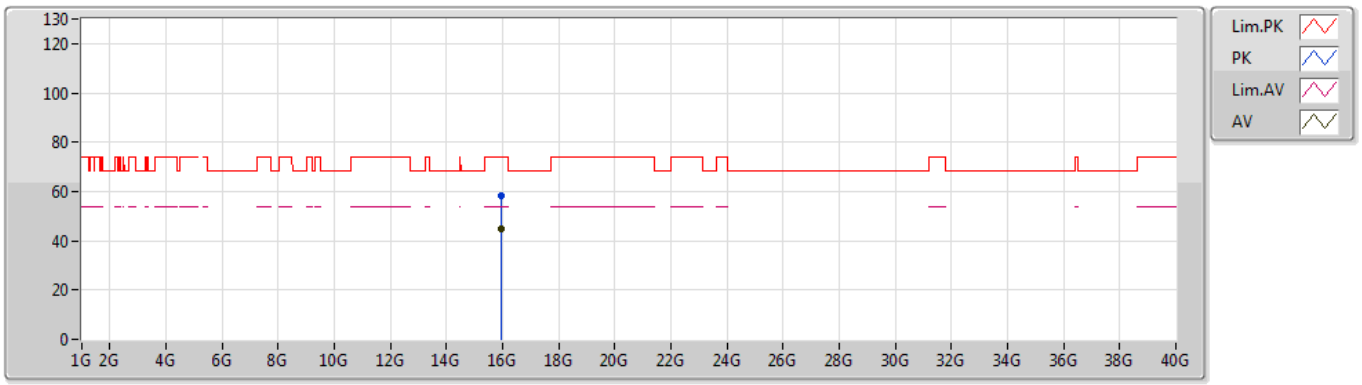
EUT Y_2TX
Setting 23.5
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.9304G	58.17	74.00	-15.83	13.78	3	Vertical	180	2.84	-
AV	15.92849G	44.67	54.00	-9.33	13.78	3	Vertical	180	2.84	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5310MHz_TX

18/04/2019



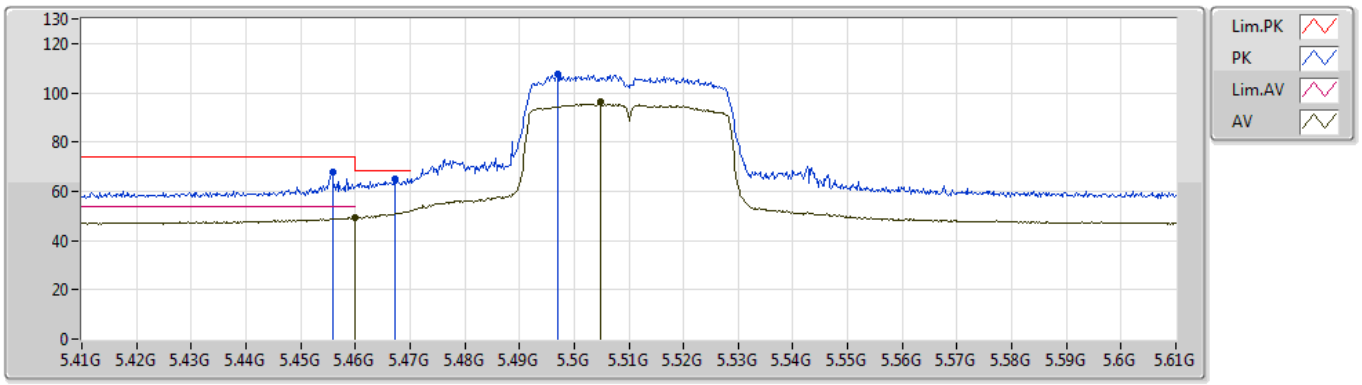
EUT Y_2TX
Setting 23.5
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.93058G	58.26	74.00	-15.74	13.78	3	Horizontal	166	1.62	-
AV	15.92978G	44.91	54.00	-9.09	13.78	3	Horizontal	166	1.62	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

18/04/2019

5510MHz_TX



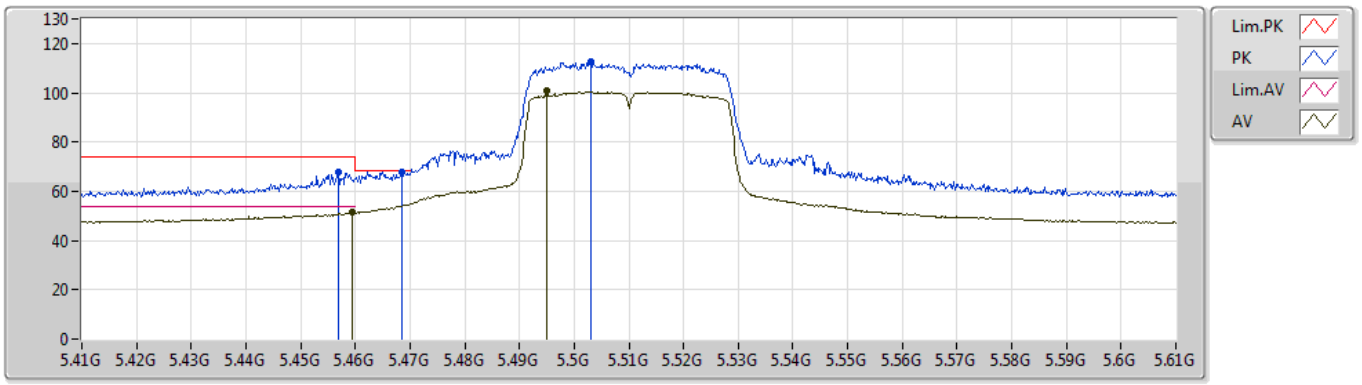
EUT Y_2TX
Setting 23.5
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4558G	67.60	74.00	-6.40	6.45	3	Vertical	344	2.93	-
AV	5.46G	49.27	54.00	-4.73	6.45	3	Vertical	344	2.93	-
PK	5.4672G	65.11	68.20	-3.09	6.46	3	Vertical	344	2.93	-
PK	5.497G	107.76	Inf	-Inf	6.49	3	Vertical	344	2.93	-
AV	5.5048G	96.60	Inf	-Inf	6.49	3	Vertical	344	2.93	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

18/04/2019

5510MHz_TX



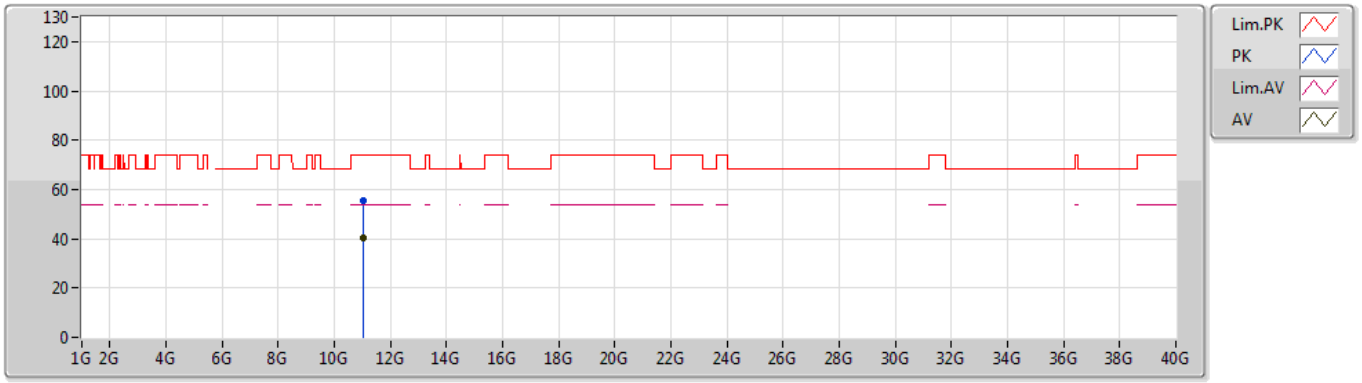
EUT Y_2TX
Setting 23.5
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.457G	67.66	74.00	-6.34	6.45	3	Horizontal	9	2.77	-
AV	5.4594G	51.34	54.00	-2.66	6.45	3	Horizontal	9	2.77	-
PK	5.4686G	68.00	68.20	-0.20	6.46	3	Horizontal	9	2.77	-
PK	5.503G	112.35	Inf	-Inf	6.49	3	Horizontal	9	2.77	-
AV	5.495G	100.97	Inf	-Inf	6.48	3	Horizontal	9	2.77	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5510MHz_TX

18/04/2019



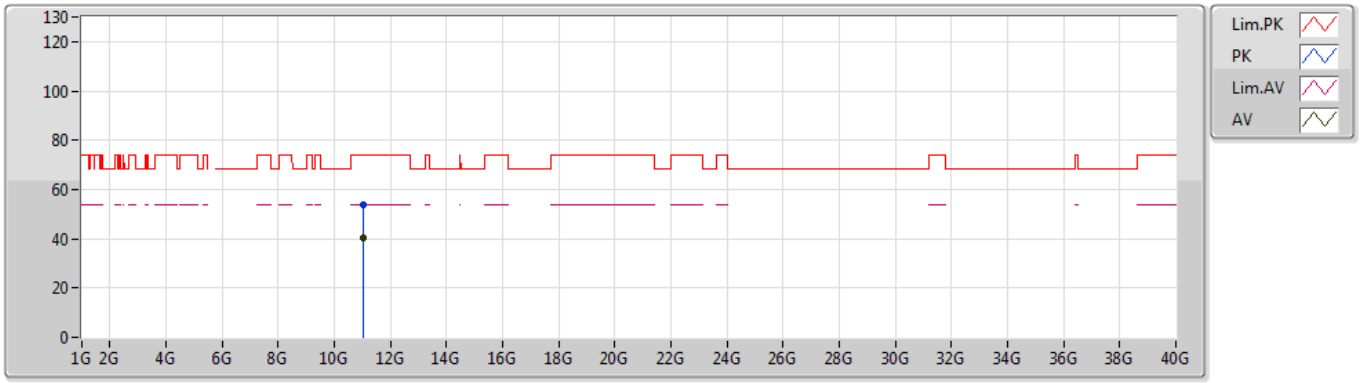
EUT Y_2TX
Setting 23.5
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.01763G	55.52	74.00	-18.48	13.96	3	Vertical	168	1.95	-
AV	11.01852G	40.59	54.00	-13.41	13.96	3	Vertical	168	1.95	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5510MHz_TX

18/04/2019



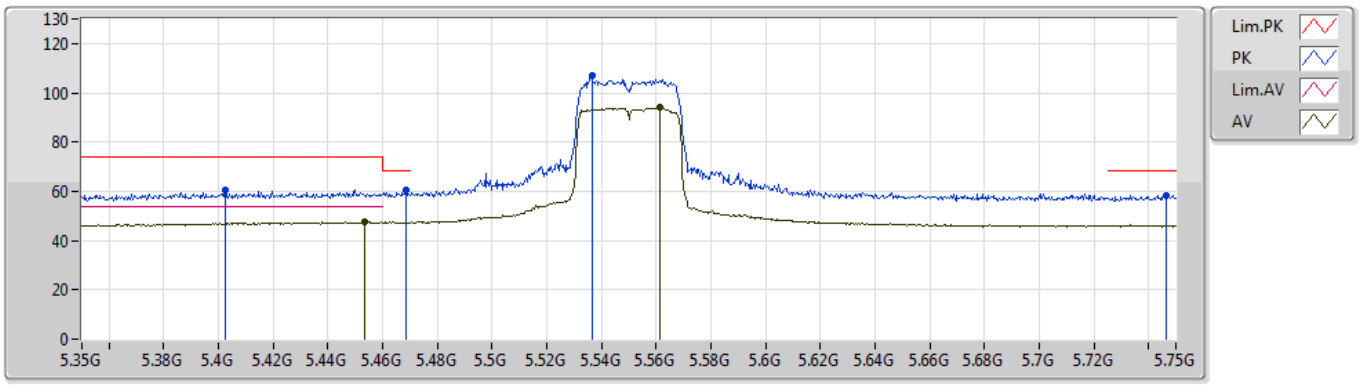
EUT Y_2TX
Setting 23.5
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.02052G	53.75	74.00	-20.25	13.96	3	Horizontal	75	1.99	-
AV	11.01777G	40.45	54.00	-13.55	13.96	3	Horizontal	75	1.99	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5550MHz_TX

18/04/2019



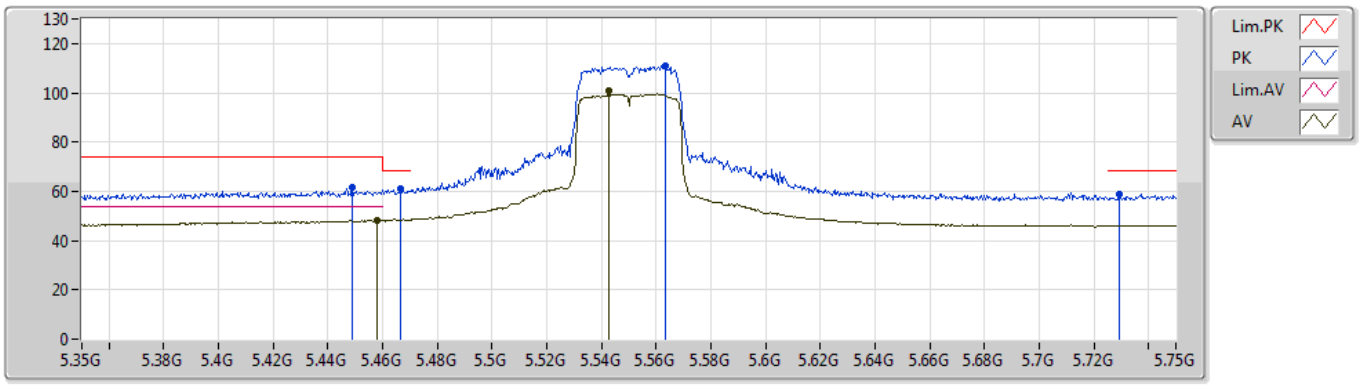
EUT Y_2TX
Setting 30
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4024G	60.30	74.00	-13.70	6.40	3	Vertical	104	1.10	-
AV	5.4532G	47.50	54.00	-6.50	6.44	3	Vertical	104	1.10	-
PK	5.4684G	60.24	68.20	-7.96	6.46	3	Vertical	104	1.10	-
PK	5.5364G	106.75	Inf	-Inf	6.45	3	Vertical	104	1.10	-
AV	5.5612G	93.91	Inf	-Inf	6.41	3	Vertical	104	1.10	-
PK	5.7464G	58.41	68.20	-9.79	6.41	3	Vertical	104	1.10	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5550MHz_TX

18/04/2019



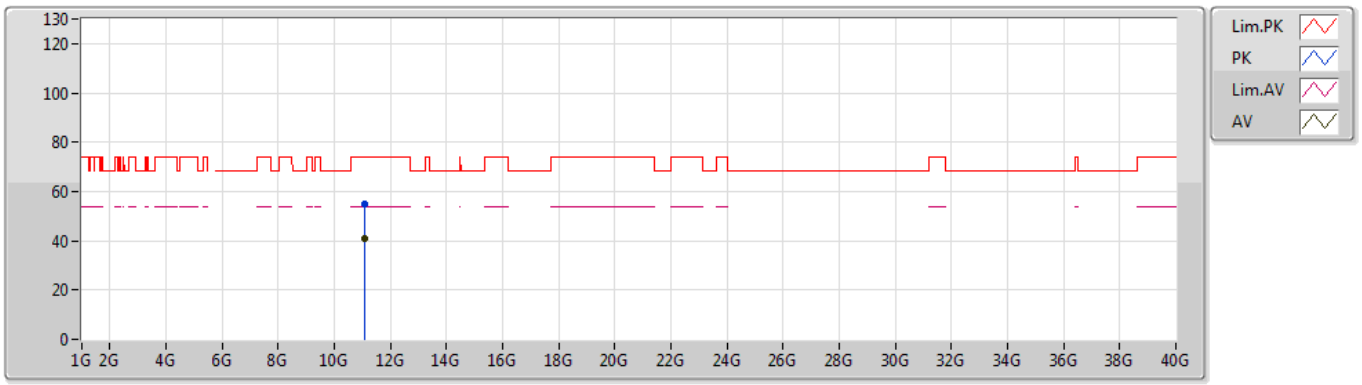
EUT Y_2TX
Setting 30
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4488G	61.64	74.00	-12.36	6.45	3	Horizontal	18	2.47	-
AV	5.458G	48.22	54.00	-5.78	6.45	3	Horizontal	18	2.47	-
PK	5.4664G	60.86	68.20	-7.34	6.46	3	Horizontal	18	2.47	-
PK	5.5632G	110.79	Inf	-Inf	6.41	3	Horizontal	18	2.47	-
AV	5.5428G	100.61	Inf	-Inf	6.45	3	Horizontal	18	2.47	-
PK	5.7292G	58.71	68.20	-9.49	6.39	3	Horizontal	18	2.47	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5550MHz_TX

18/04/2019



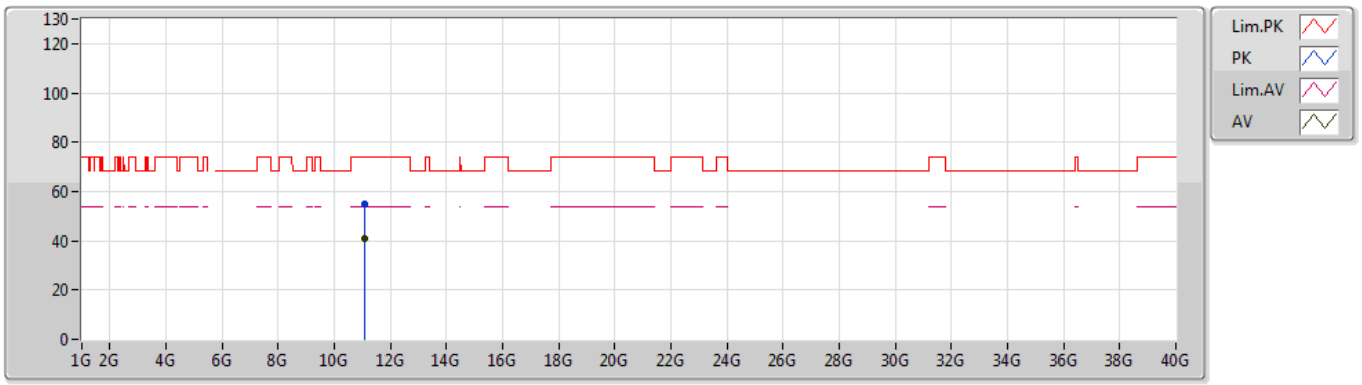
EUT Y_2TX
Setting 30
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.09799G	54.75	74.00	-19.25	14.03	3	Vertical	289	1.59	-
AV	11.10196G	41.15	54.00	-12.85	14.03	3	Vertical	289	1.59	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5550MHz_TX

18/04/2019



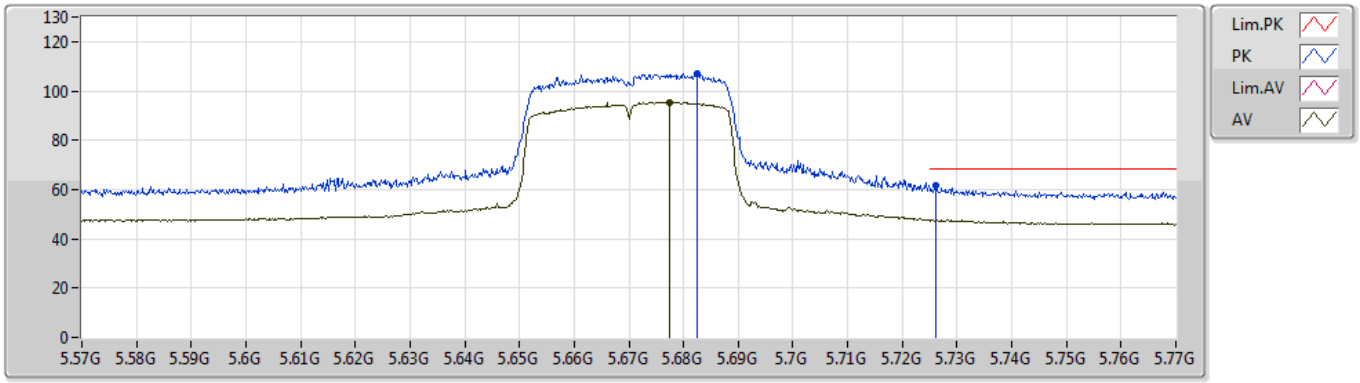
EUT Y_2TX
Setting 30
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.09846G	55.11	74.00	-18.89	14.03	3	Horizontal	324	1.48	-
AV	11.09987G	41.07	54.00	-12.93	14.03	3	Horizontal	324	1.48	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5670MHz_TX

18/04/2019



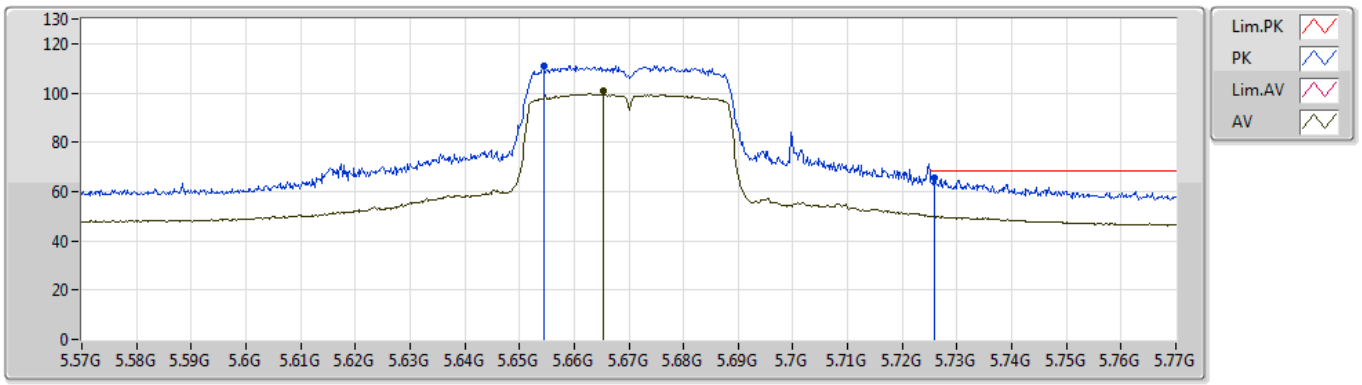
EUT Y_2TX
Setting 30
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6824G	106.90	Inf	-Inf	6.37	3	Vertical	193	2.99	-
AV	5.6774G	95.45	Inf	-Inf	6.37	3	Vertical	193	2.99	-
PK	5.7262G	61.55	68.20	-6.65	6.39	3	Vertical	193	2.99	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5670MHz_TX

18/04/2019



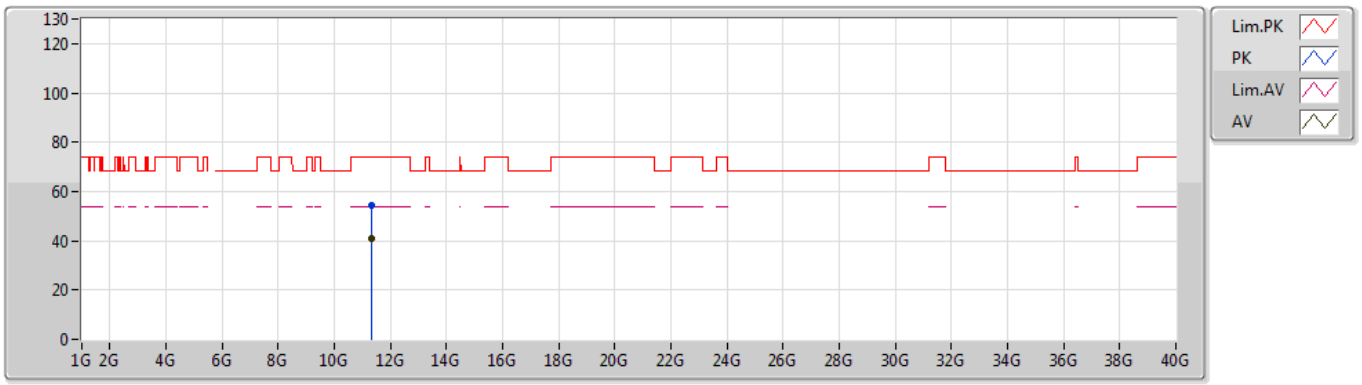
EUT Y_2TX
Setting 30
03-M-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6544G	111.22	Inf	-Inf	6.37	3	Horizontal	342	1.90	-
AV	5.6654G	100.78	Inf	-Inf	6.36	3	Horizontal	342	1.90	-
PK	5.7258G	65.83	68.20	-2.37	6.39	3	Horizontal	342	1.90	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5670MHz_TX

18/04/2019



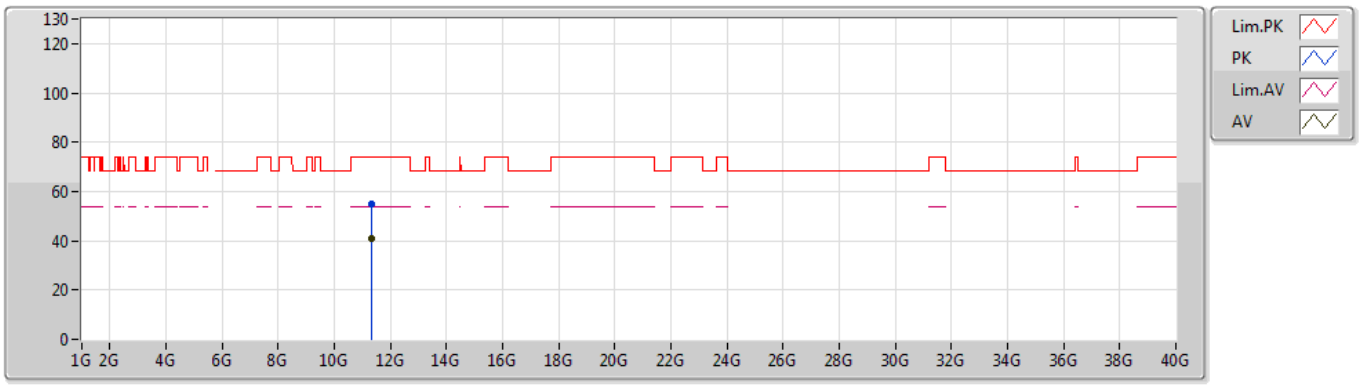
EUT Y_2TX
Setting 30
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.33968G	54.36	74.00	-19.64	14.28	3	Vertical	44	1.50	-
AV	11.33938G	41.00	54.00	-13.00	14.28	3	Vertical	44	1.50	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5670MHz_TX

18/04/2019



EUT Y_2TX
Setting 30
03-M-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.33982G	54.90	74.00	-19.10	14.28	3	Horizontal	176	1.01	-
AV	11.33754G	41.01	54.00	-12.99	14.28	3	Horizontal	176	1.01	-