FCC RADIO TEST REPORT

FCC ID	:	TE7P9
Equipment	:	AC1200 + AV1000 Whole Home Powerline Mesh Wi-Fi System
Brand Name	:	tp-link
Model Name	:	Deco P9
Applicant	:	TP-Link Technologies Co., Ltd. Building 24 (floors 1,3,4,5) and 28 (floors1-4) Central Science and Technology Park,Nanshan, Shenzhen,China,518057
Manufacturer	:	TP-Link Technologies Co., Ltd. Building 24 (floors 1,3,4,5) and 28 (floors1-4) Central Science and Technology Park,Nanshan, Shenzhen,China,518057
Standard	:	47 CFR FCC Part 15.407

The product was received on Jun. 17, 2019, and testing was started from Jul. 19, 2019 and completed on Aug. 23, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

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

Approved by: Cliff Chang

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

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History of this test report

Report No.	Version	Description	Issued Date
FR961308AB	01	Initial issue of report	Sep. 09, 2019

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
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: Wendy Pan

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
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
5.15-5.25GHz	802.11ac VHT80-BF	80	2TX
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11n HT20-BF	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ac VHT20-BF	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11n HT40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ac VHT80-BF	80	2TX

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

1.1.2 Antenna Information

Ant.	Port		Brand	Model Name	Antenna Type	Connector	Gain (dBi)	
	2.4GHz	5GHz					2.4GHz	5GHz
1	2	1	tp-link	P9	Monopole	N/A	1.5	1
2	1	2	tp-link	P9	Monopole	N/A	1.5	1

Note: The above information was declared by manufacturer.

For 2.4GHz function:

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.969	0.14	2.068m	1k
802.11ac VHT20	0.986	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20-BF	0.969	0.14	1.975m	1k
802.11ac VHT40	0.975	0.11	2.44m	1k
802.11ac VHT40-BF	0.723	1.41	745u	3k
802.11ac VHT80	0.949	0.23	1.153m	1k
802.11ac VHT80-BF	0.523	2.81	342.5u	3k

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

1.1.4 EUT Operational Condition

EUT Power Type	Internal Power Supply			
Beamforming Function	☒	With beamforming for 802.11n/ac in 5GHz.	☐	Without beamforming
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	For Non-Beamforming Mode: QCRT Verson3.0.187.0 For Beamforming Mode: Telnet and Lan Test			

Note: The above information was declared by manufacturer.

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
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH02-CB	Owen Hsu	24.4~26.9°C / 63~65%	Jul. 20, 2019 ~ Aug. 16, 2019
Radiated<1GHz	03CH05-CB	Stim Sung	25.4~27.3°C / 62~66%	Jul. 19, 2019 ~ Aug. 19, 2019
Radiated>1GHz	03CH06-CB	Stim Sung	24.7~26.5°C / 64~68%	Jul. 19, 2019 ~ Aug. 19, 2019
AC Conduction	CO02-CB	Peter Wu	23.5~24.7°C / 48~57%	Jul. 19, 2019 ~ Aug. 23, 2019

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

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	5.1 dB	Confidence levels of 95%
Conducted Emission	2.4 dB	Confidence levels of 95%
Output Power Measurement	1.5 dB	Confidence levels of 95%
Power Density Measurement	2.4 dB	Confidence levels of 95%
Bandwidth Measurement	2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	PowerSetting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	22
5200MHz	26
5240MHz	26
5745MHz	27.5
5785MHz	27.5
5825MHz	27.5
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5180MHz	22.5
5200MHz	26.5
5240MHz	26.5
5745MHz	27.5
5785MHz	27.5
5825MHz	27.5
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5190MHz	20.5
5230MHz	24
5755MHz	27.5
5795MHz	27.5
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	18.5
5775MHz	22.5
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	24
5200MHz	26
5240MHz	26
5745MHz	26
5785MHz	26
5825MHz	26
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	23
5230MHz	26
5755MHz	26
5795MHz	26
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	21

Mode	PowerSetting
5775MHz	26

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

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
1	EUT the PLC function with Idle mode (without data transmit)

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
1	EUT CTX – WLAN 2.4GHz
2	EUT CTX – WLAN 5GHz
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX

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

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.: FA961308 for Co-location RF Exposure Evaluation.	

Note: The EUT can only be used at Y axis.

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

During the test, the following programs under WIN 7 were executed.
The program was executed as follows:
1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Telnet.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by RX Device and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Remark**
Power cable*1	I-SHENG	SP-12N+IS-033C	Non-shielded,1.5m

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E6430	N/A
B	AP Router	ASUS	RP-N53	MSQ-RPN53
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A

For Radiated (below 1GHz):

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

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

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

For Beamforming mode:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	WLAN AP	D-LINK	DIR860L	KA2IR860LA1
C	RX Device	tp-link	Deco P9	TE7P9
D	Notebook	DELL	E4300	N/A

For RF Conducted :
For Non-beamforming mode:

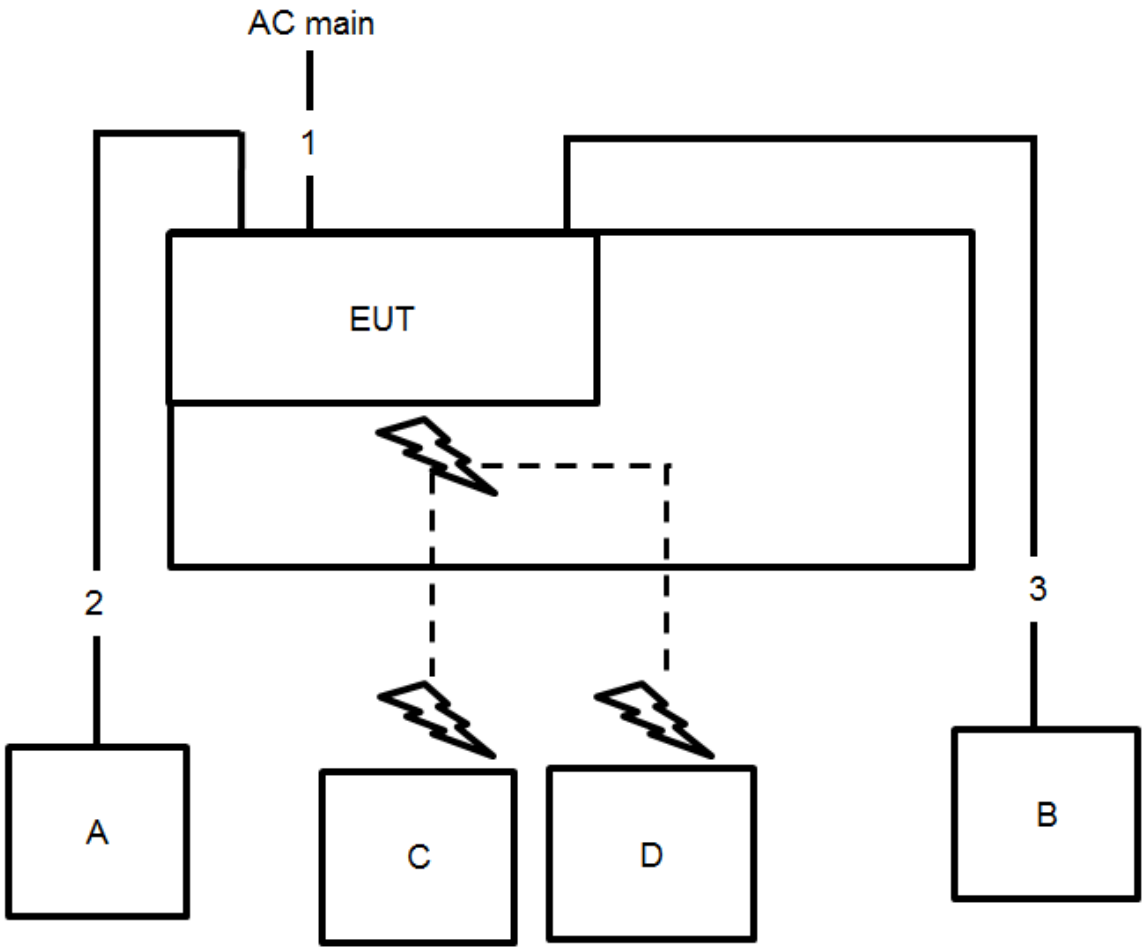
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A

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	RX Device	tp-link	Deco P9	TE7P9
D	WLAN AP	D-LINK	DIR860L	KA2IR860LA1

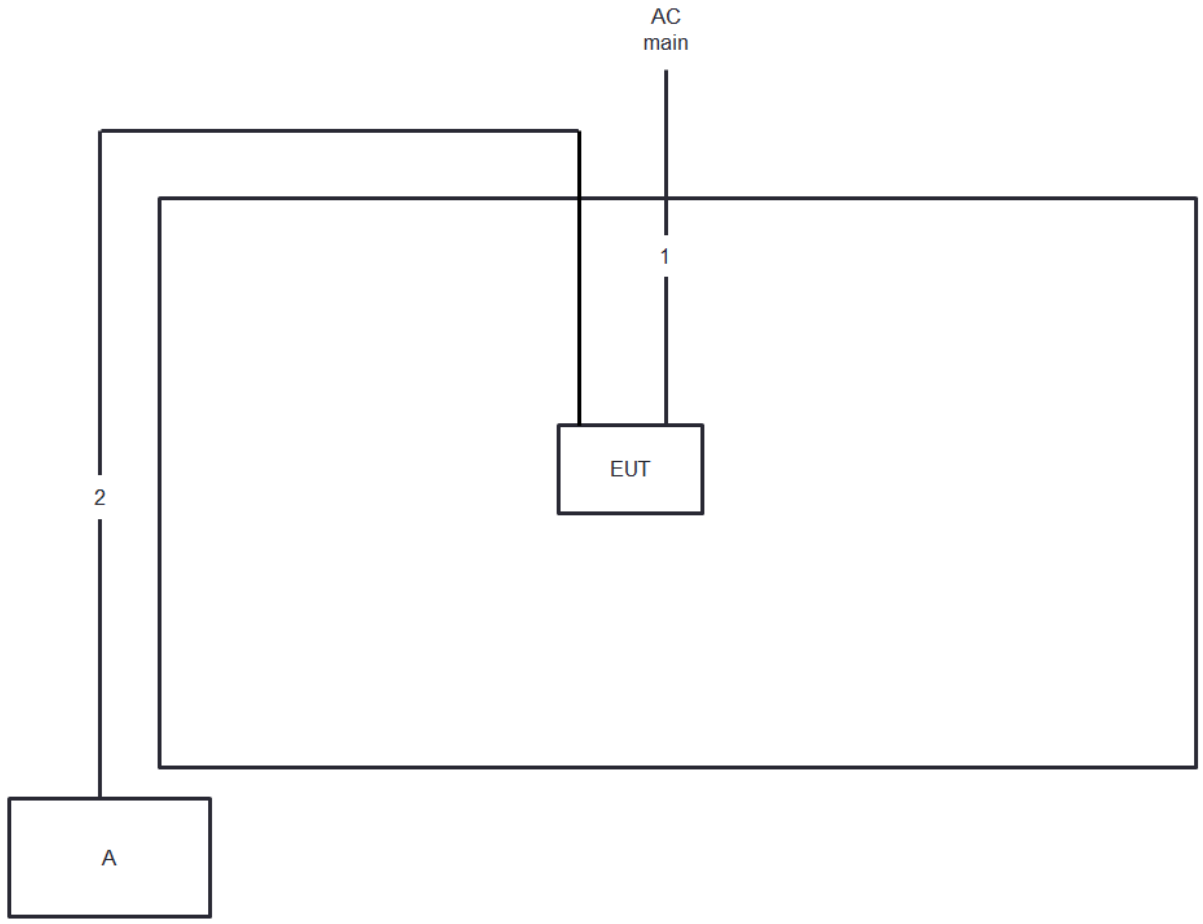
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



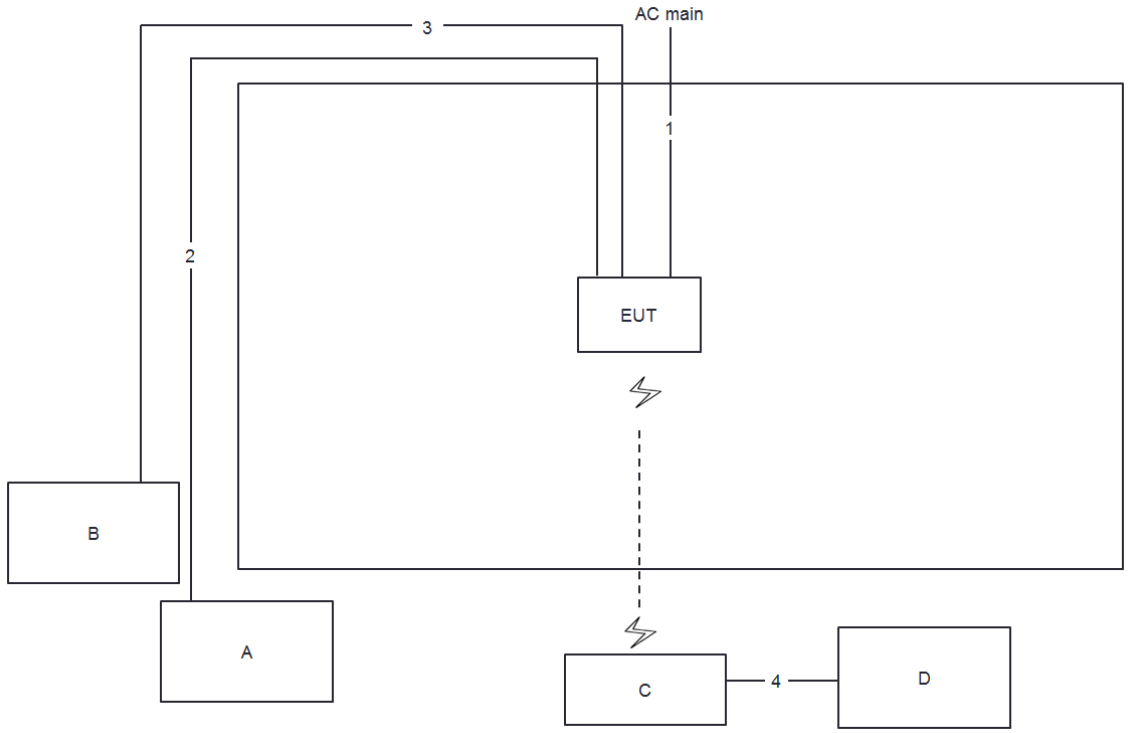
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz and > 1GHz (Non-beamforming mode)



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

Test Setup Diagram - Radiated Test > 1GHz (Beamforming mode)



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

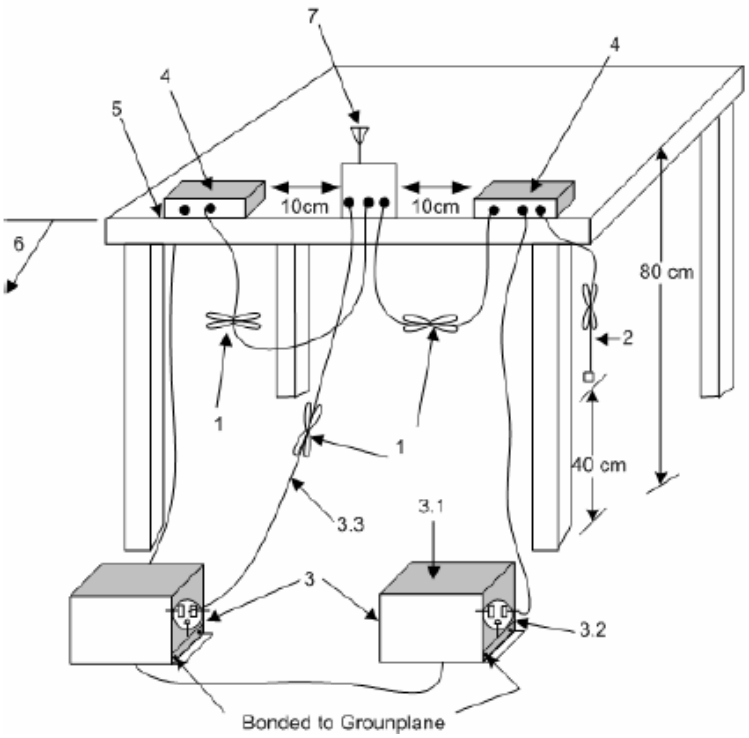
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☐	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☐	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.
LE-LAN Devices	
☐	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

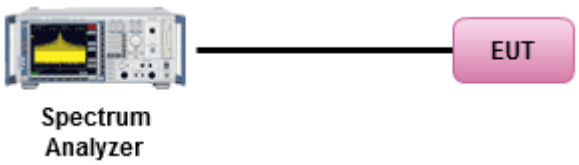
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☐	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

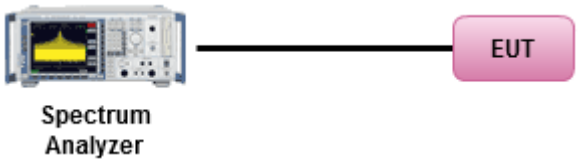
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

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

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

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

3.5.2 Measuring Instruments

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

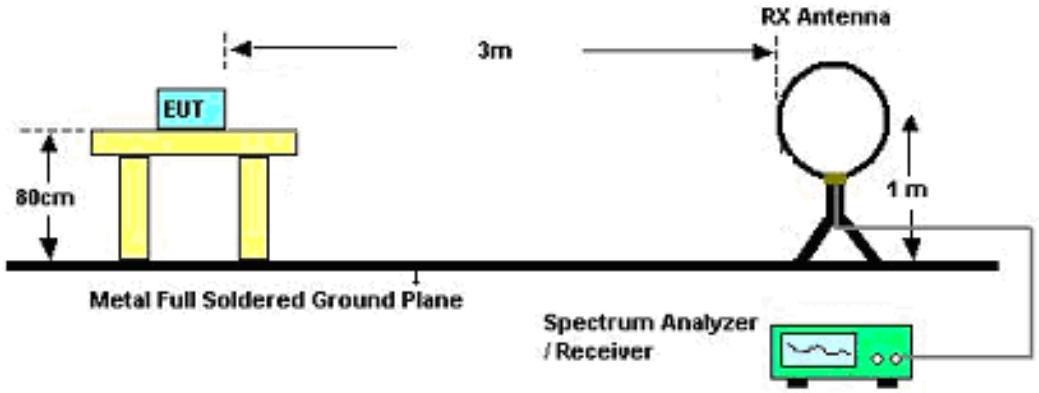
3.5.3 Test Procedures

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

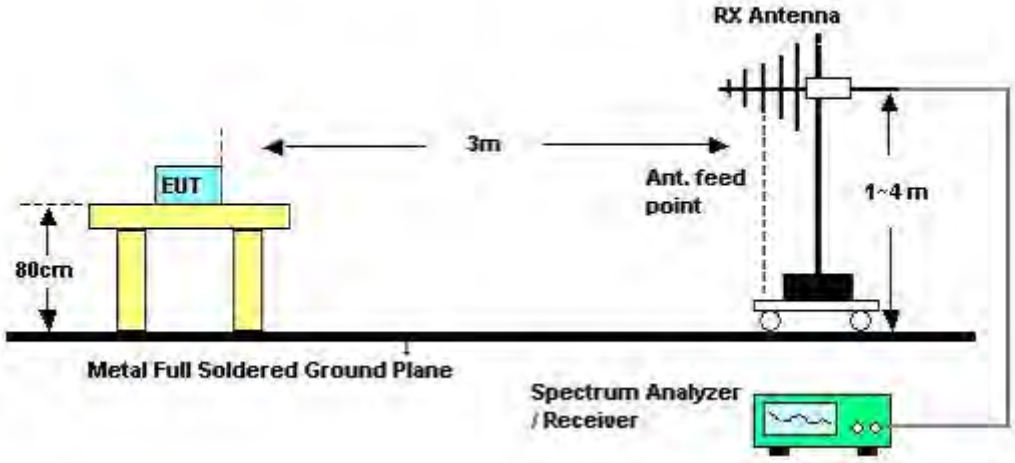
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

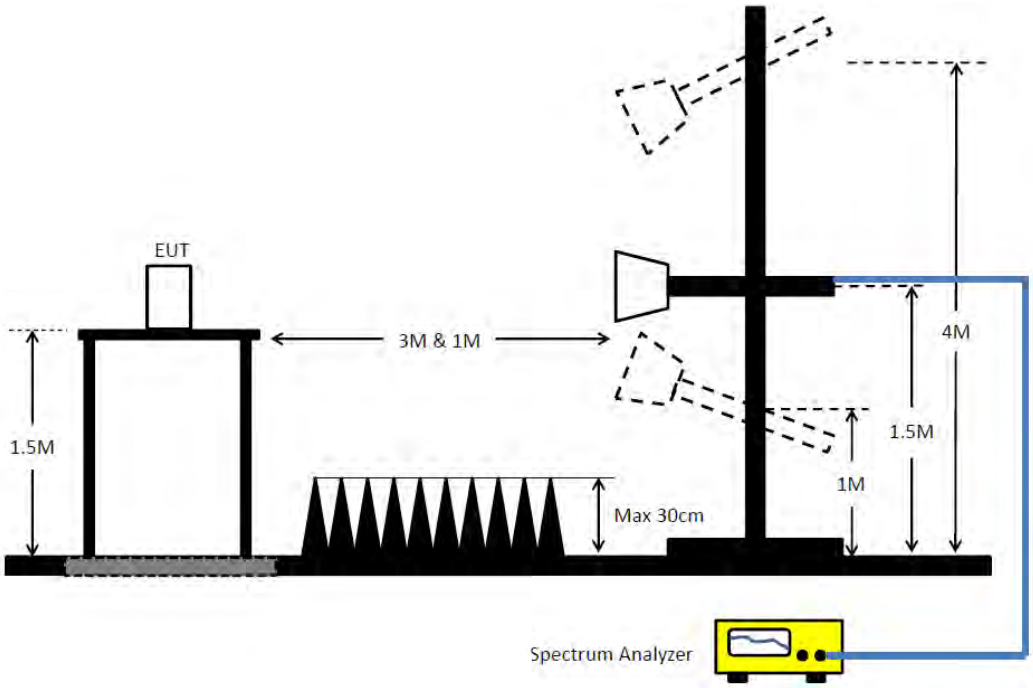
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10 harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Nov. 21, 2018	Nov. 20, 2019	Conduction (CO02-CB
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Nov. 05, 2018	Nov. 04, 2019	Conduction (CO02-CB
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	Jan. 16, 2019	Jan. 15, 2020	Conduction (CO02-CB
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Nov. 06, 2018	Nov. 05, 2019	Conduction (CO02-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Bilog Antenna with 6dB Attenuator	TESE & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 28, 2019	Mar. 27, 2020	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 29, 2019	Mar. 28, 2020	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 02, 2019	May 01, 2020	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Jan. 31, 2019	Jan. 30, 2020	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 15, 2019	May 14, 2020	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	LOW Cable-04+23	30MHz~1GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1292	1GHz~18GHz	Jul. 17, 2019	Jul. 16, 2020	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 12, 2019	Jun. 11, 2020	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 08, 2019	May 07, 2020	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Oct. 03, 2018	Oct. 02, 2019	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05	1GHz~18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05+24	1GHz~18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH06-CB)

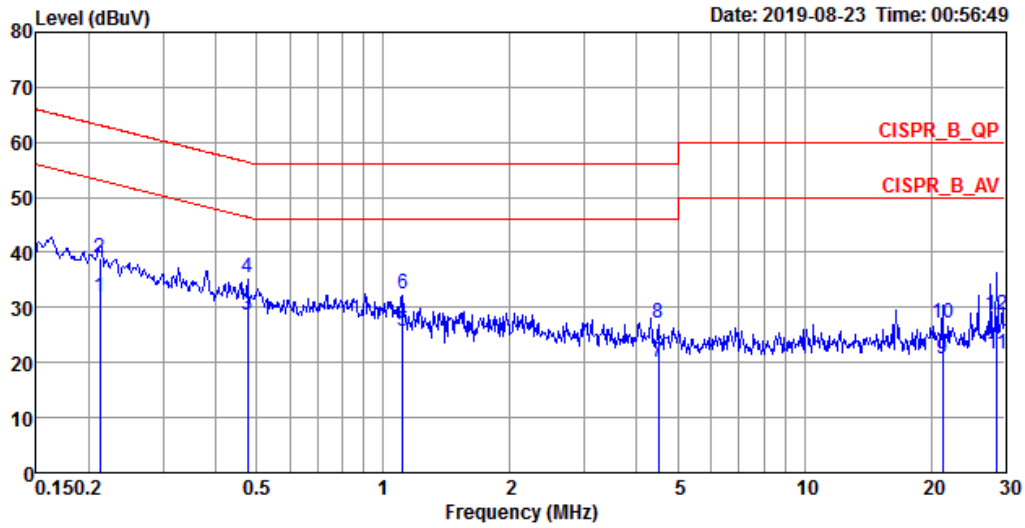
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jul. 02, 2019	Jul. 01, 2020	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 03, 2018	Sep. 02, 2019	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 03, 2018	Sep. 02, 2019	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-3	1 GHz – 26.5 GHz	Oct. 24, 2018	Oct. 23, 2019	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH02-CB)

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

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

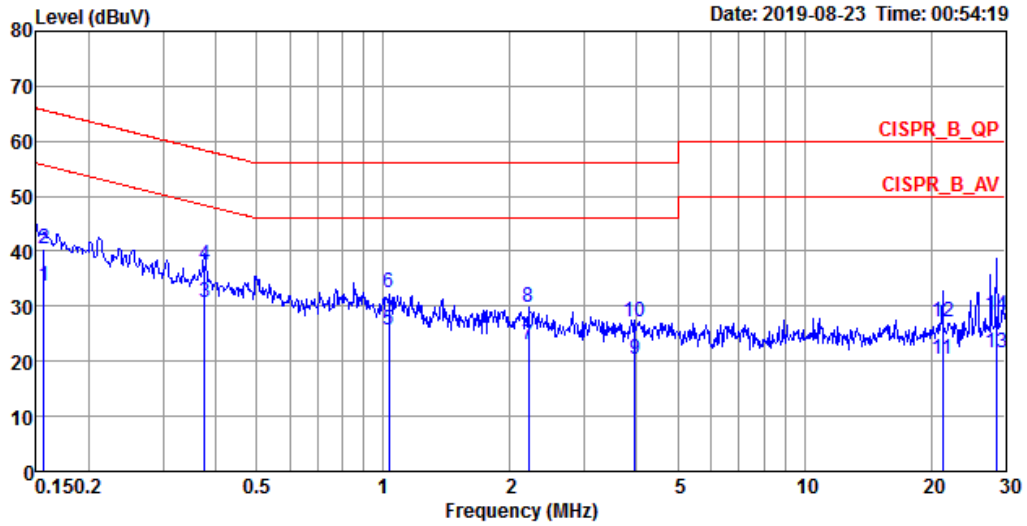
Test Mode	Mode 1	Frequency Range	0.15 MHz to 30 MHz

Line



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.2128	32.03	-21.07	53.10	21.86	10.15	0.02	Average	LINE
2	0.2128	38.89	-24.21	63.10	28.72	10.15	0.02	QP	LINE
3	0.4761	28.61	-17.80	46.41	18.43	10.16	0.02	Average	LINE
4	0.4761	35.36	-21.05	56.41	25.18	10.16	0.02	QP	LINE
5	1.1114	25.63	-20.37	46.00	15.44	10.17	0.02	Average	LINE
6	1.1114	32.43	-23.57	56.00	22.24	10.17	0.02	QP	LINE
7	4.5015	20.20	-25.80	46.00	9.90	10.23	0.07	Average	LINE
8	4.5015	27.07	-28.93	56.00	16.77	10.23	0.07	QP	LINE
9	21.2596	20.53	-29.47	50.00	9.98	10.41	0.14	Average	LINE
10	21.2596	27.15	-32.85	60.00	16.60	10.41	0.14	QP	LINE
11	28.6030	21.65	-28.35	50.00	10.92	10.50	0.23	Average	LINE
12	28.6030	28.51	-31.49	60.00	17.78	10.50	0.23	QP	LINE

Neutral



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.1565	33.59	-22.06	55.65	23.44	10.13	0.02	Average	NEUTRAL
2	0.1565	40.32	-25.33	65.65	30.17	10.13	0.02	QP	NEUTRAL
3	0.3771	30.60	-17.74	48.34	20.44	10.14	0.02	Average	NEUTRAL
4	0.3771	37.44	-20.90	58.34	27.28	10.14	0.02	QP	NEUTRAL
5	1.0320	25.63	-20.37	46.00	15.47	10.14	0.02	Average	NEUTRAL
6	1.0320	32.41	-23.59	56.00	22.25	10.14	0.02	QP	NEUTRAL
7	2.2132	23.16	-22.84	46.00	12.95	10.16	0.05	Average	NEUTRAL
8	2.2132	29.78	-26.22	56.00	19.57	10.16	0.05	QP	NEUTRAL
9	3.9639	20.31	-25.69	46.00	10.06	10.18	0.07	Average	NEUTRAL
10	3.9639	27.10	-28.90	56.00	16.85	10.18	0.07	QP	NEUTRAL
11	21.2596	20.45	-29.55	50.00	9.95	10.36	0.14	Average	NEUTRAL
12	21.2596	27.21	-32.79	60.00	16.71	10.36	0.14	QP	NEUTRAL
13	28.6030	21.67	-28.33	50.00	11.00	10.44	0.23	Average	NEUTRAL
14	28.6030	28.30	-31.70	60.00	17.63	10.44	0.23	QP	NEUTRAL

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	36.9M	17.891M	17M9D1D	18.925M	16.392M
802.11ac VHT20_Nss1,(MCS0)_2TX	39.025M	19.565M	19M6D1D	19.925M	17.616M
802.11ac VHT40_Nss1,(MCS0)_2TX	47.15M	36.082M	36M1D1D	39.85M	35.982M
802.11ac VHT80_Nss1,(MCS0)_2TX	83.5M	75.862M	75M9D1D	83.3M	75.862M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.35M	26.062M	26M1D1D	16.275M	22.464M
802.11ac VHT20_Nss1,(MCS0)_2TX	17.625M	24.638M	24M6D1D	15.675M	19.965M
802.11ac VHT40_Nss1,(MCS0)_2TX	34.95M	53.123M	53M1D1D	34.2M	42.029M
802.11ac VHT80_Nss1,(MCS0)_2TX	75.5M	76.062M	76M1D1D	75.4M	75.662M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = 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

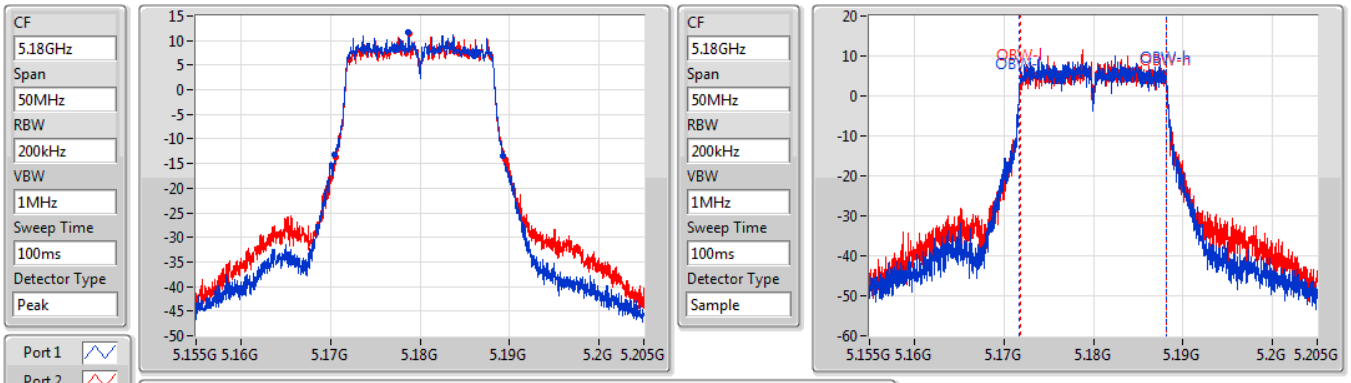
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	18.925M	16.417M	18.975M	16.392M
5200MHz	Pass	Inf	36.9M	17.891M	25.025M	16.542M
5240MHz	Pass	Inf	35.975M	16.792M	22.5M	16.567M
5745MHz	Pass	500k	16.325M	23.038M	16.35M	22.464M
5785MHz	Pass	500k	16.325M	26.062M	16.275M	25.712M
5825MHz	Pass	500k	16.3M	24.713M	16.3M	25.712M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	19.925M	17.616M	20M	17.641M
5200MHz	Pass	Inf	39.025M	19.565M	30.5M	17.791M
5240MHz	Pass	Inf	37.4M	18.491M	31.425M	17.816M
5745MHz	Pass	500k	15.925M	19.965M	17.575M	21.014M
5785MHz	Pass	500k	17.55M	24.638M	17.55M	24.138M
5825MHz	Pass	500k	17.625M	23.513M	15.675M	24.238M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.9M	35.982M	40.15M	35.982M
5230MHz	Pass	Inf	47.15M	35.982M	39.85M	36.082M
5755MHz	Pass	500k	34.85M	48.876M	34.95M	53.123M
5795MHz	Pass	500k	34.2M	42.029M	34.4M	48.076M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	83.3M	75.862M	83.5M	75.862M
5775MHz	Pass	500k	75.5M	75.662M	75.4M	76.062M

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

802.11a_Nss1,(6Mbps)_2TX EBW

5180MHz

20/07/2019

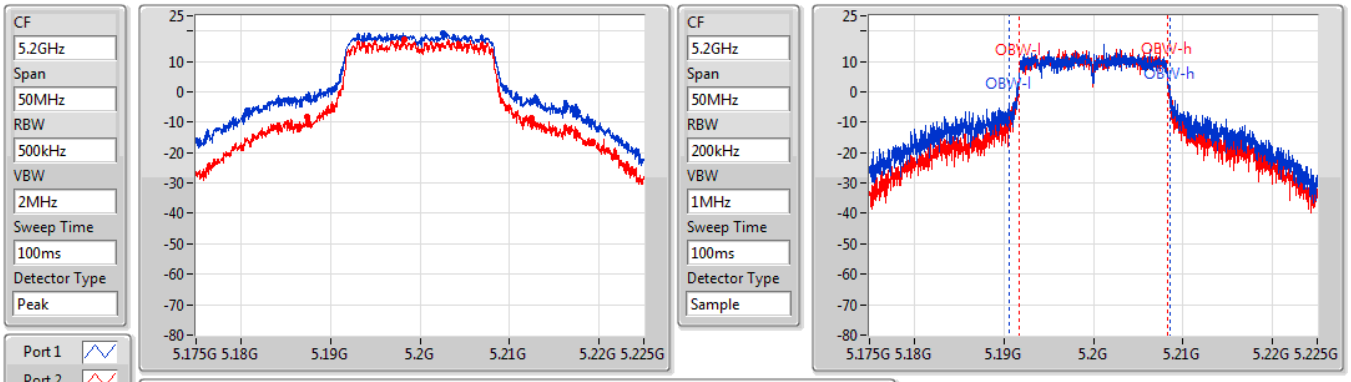


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	5.1704G	5.189325G	16.417M	5.171779G	5.188196G	Inf	1
18.975M	5.170575G	5.18955G	16.392M	5.171804G	5.188196G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5200MHz

20/07/2019

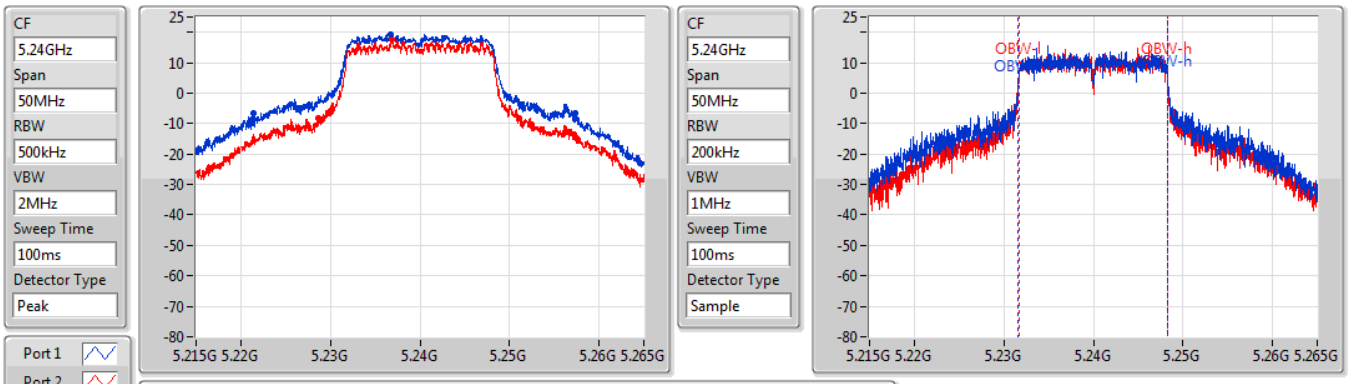


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.9M	5.180775G	5.217675G	17.891M	5.19063G	5.208521G	Inf	1
25.025M	5.1874G	5.212425G	16.542M	5.191729G	5.208271G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5240MHz

20/07/2019

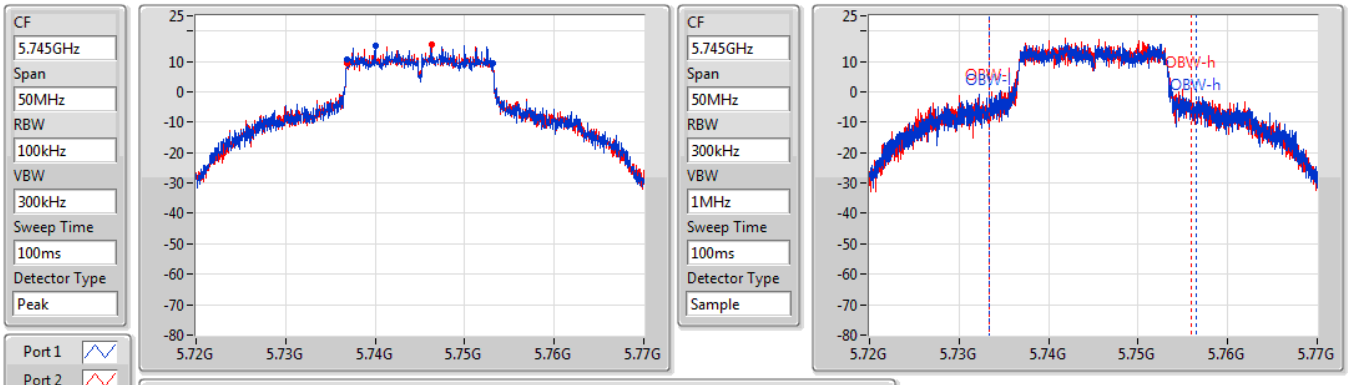


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.975M	5.2214G	5.257375G	16.792M	5.231529G	5.248321G	Inf	1
22.5M	5.228625G	5.251125G	16.567M	5.231704G	5.248271G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5745MHz

20/07/2019



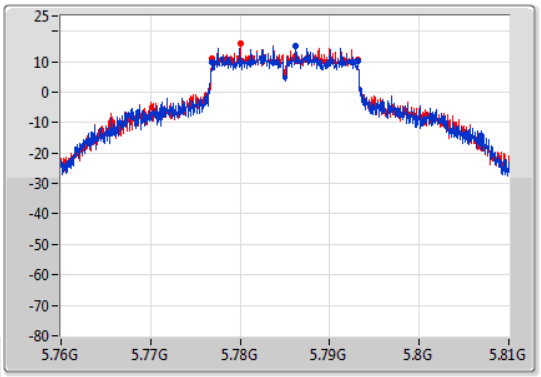
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	5.73685G	5.753175G	23.038M	5.733406G	5.756444G	500k	1
16.35M	5.736825G	5.753175G	22.464M	5.733431G	5.755895G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

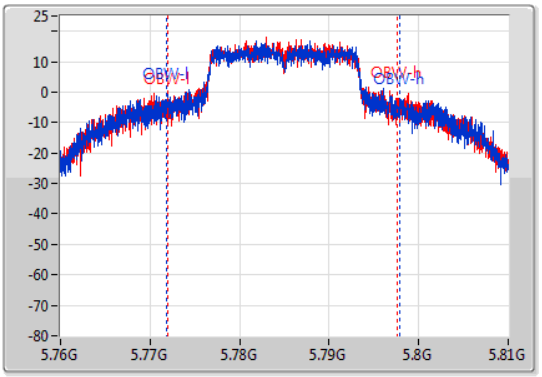
5785MHz

20/07/2019

CF	5.785GHz
Span	50MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	5.785GHz
Span	50MHz
RBW	300kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2

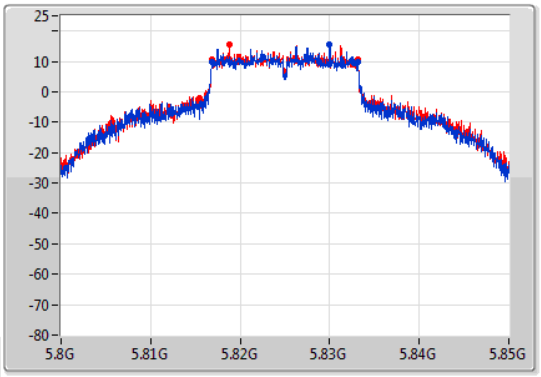
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	5.77685G	5.793175G	26.062M	5.771782G	5.797844G	500k	1
16.275M	5.776875G	5.79315G	25.712M	5.771957G	5.797669G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

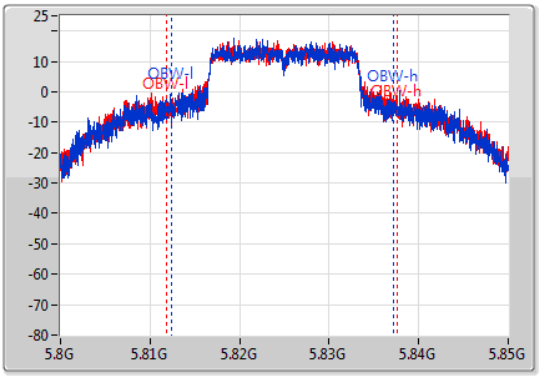
5825MHz

20/07/2019

CF	5.825GHz
Span	50MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	5.825GHz
Span	50MHz
RBW	300kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



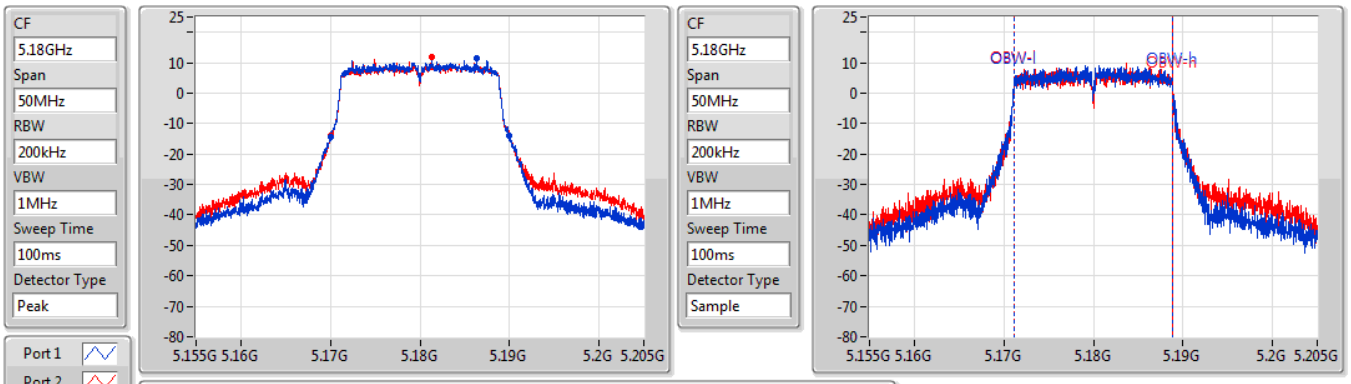
Port 1
Port 2

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	5.81685G	5.83315G	24.713M	5.812406G	5.837119G	500k	1
16.3M	5.81685G	5.83315G	25.712M	5.811907G	5.837619G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5180MHz

20/07/2019

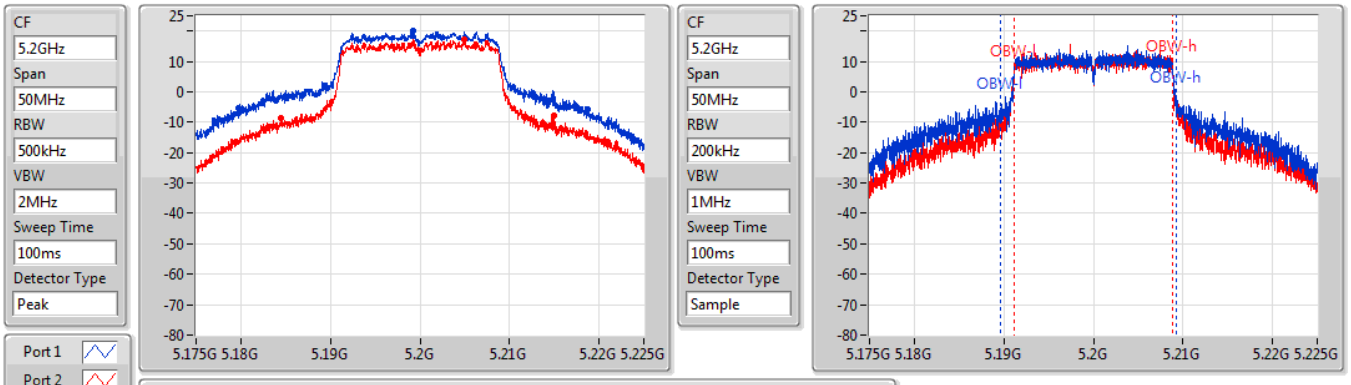


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.925M	5.170075G	5.19G	17.616M	5.171179G	5.188796G	Inf	1
20M	5.170025G	5.190025G	17.641M	5.171179G	5.188821G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5200MHz

20/07/2019



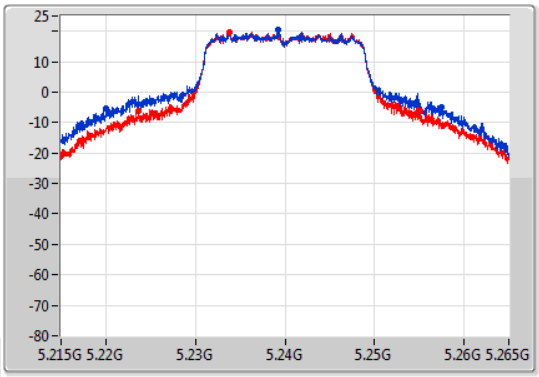
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.025M	5.1797G	5.218725G	19.565M	5.189655G	5.20922G	Inf	1
30.5M	5.184425G	5.214925G	17.791M	5.191104G	5.208896G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

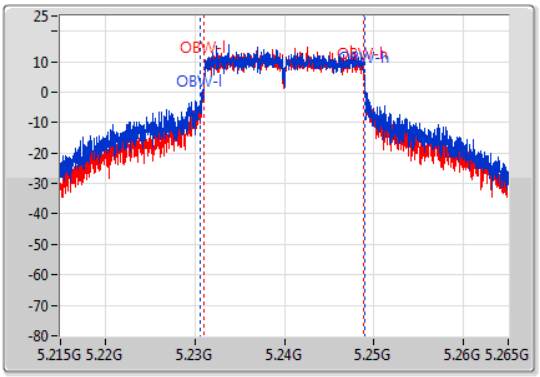
5240MHz

20/07/2019

CF	5.24GHz
Span	50MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.24GHz
Span	50MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2

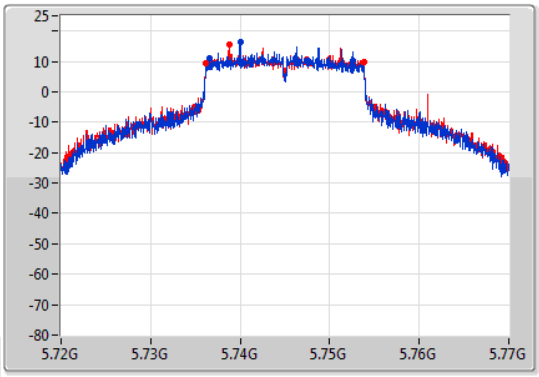
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.4M	5.22005G	5.25745G	18.491M	5.23053G	5.24902G	Inf	1
31.425M	5.22365G	5.255075G	17.816M	5.231079G	5.248896G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

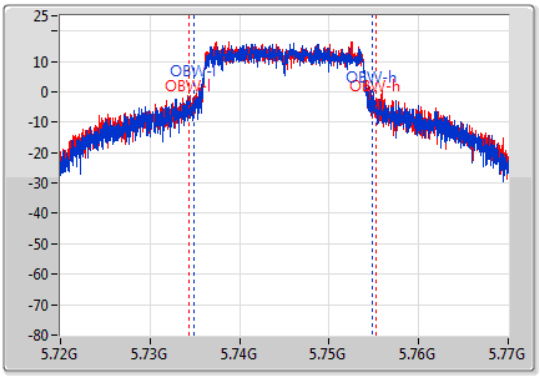
5745MHz

20/07/2019

CF	5.745GHz
Span	50MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	5.745GHz
Span	50MHz
RBW	300kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



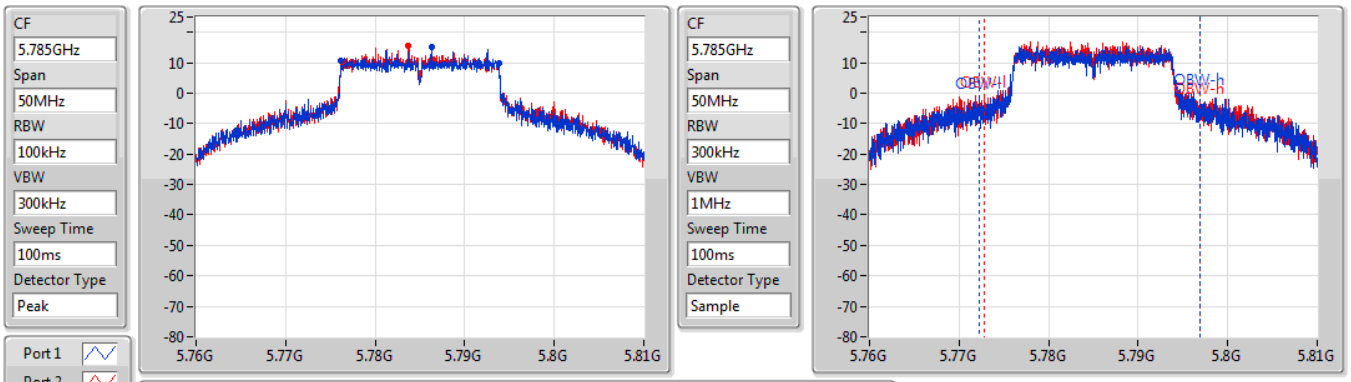
Port 1
Port 2

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.925M	5.736625G	5.75255G	19.965M	5.734855G	5.75482G	500k	1
17.575M	5.7362G	5.753775G	21.014M	5.73428G	5.755295G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5785MHz

20/07/2019

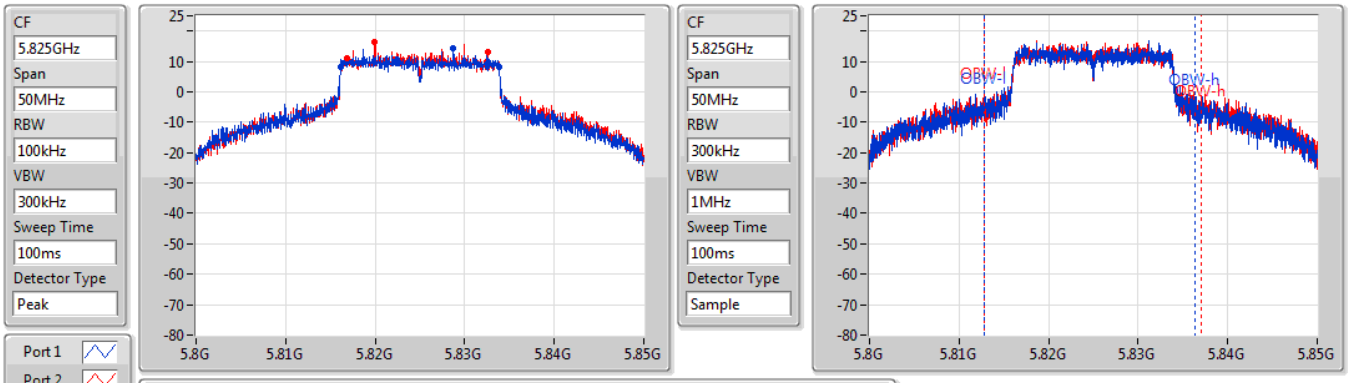


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.776225G	5.793775G	24.638M	5.772306G	5.796944G	500k	1
17.55M	5.77625G	5.7938G	24.138M	5.772806G	5.796944G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5825MHz

20/07/2019

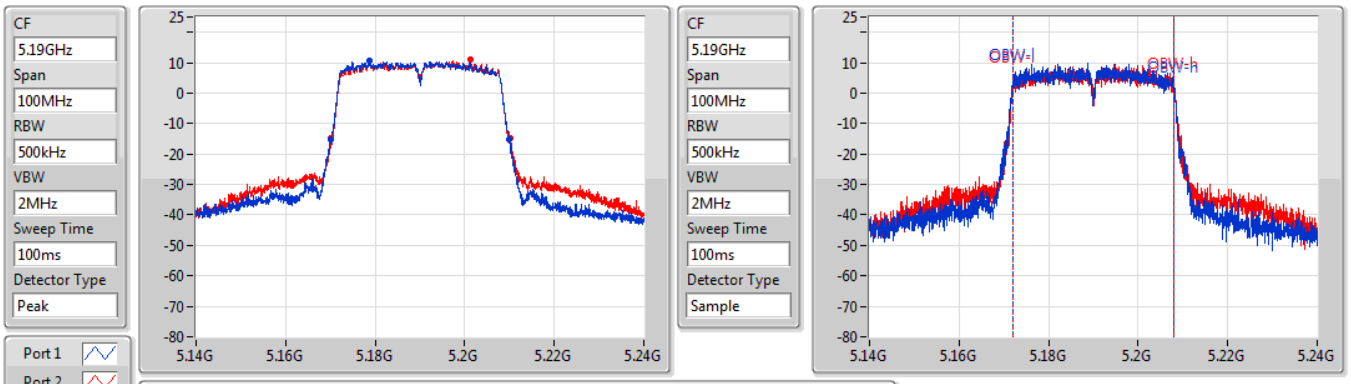


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.625M	5.816175G	5.8338G	23.513M	5.812831G	5.836344G	500k	1
15.675M	5.816875G	5.83255G	24.238M	5.812781G	5.837019G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5190MHz

20/07/2019

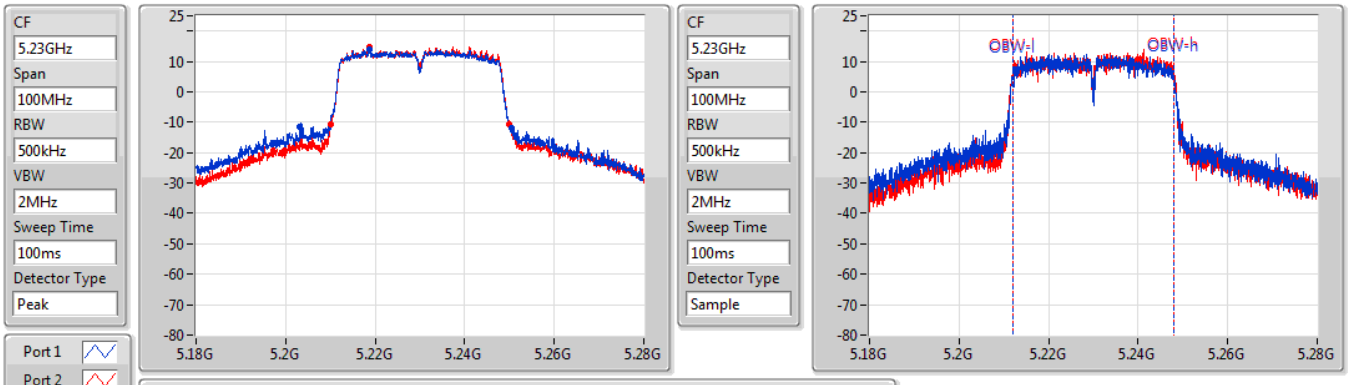


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.17015G	5.21005G	35.982M	5.171959G	5.207941G	Inf	1
40.15M	5.1701G	5.21025G	35.982M	5.172009G	5.207991G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5230MHz

20/07/2019

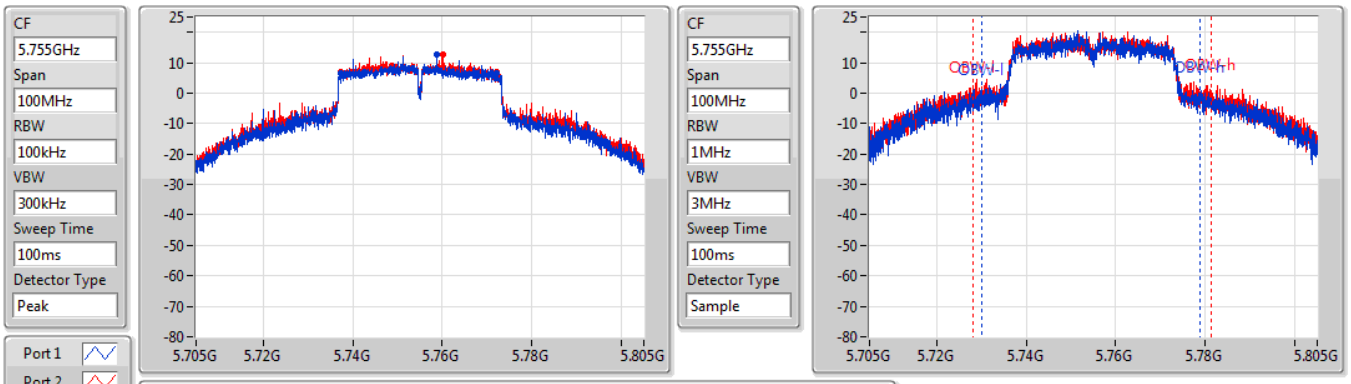


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
47.15M	5.2032G	5.25035G	35.982M	5.211959G	5.247941G	Inf	1
39.85M	5.2101G	5.24995G	36.082M	5.211959G	5.248041G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5755MHz

20/07/2019

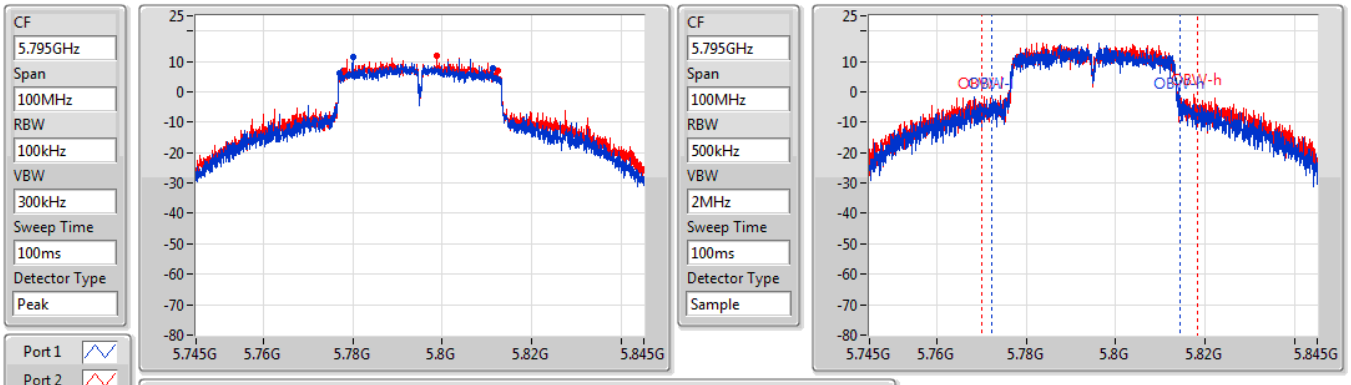


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.85M	5.73725G	5.7721G	48.876M	5.729963G	5.778838G	500k	1
34.95M	5.73725G	5.7722G	53.123M	5.728063G	5.781187G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5795MHz

20/07/2019

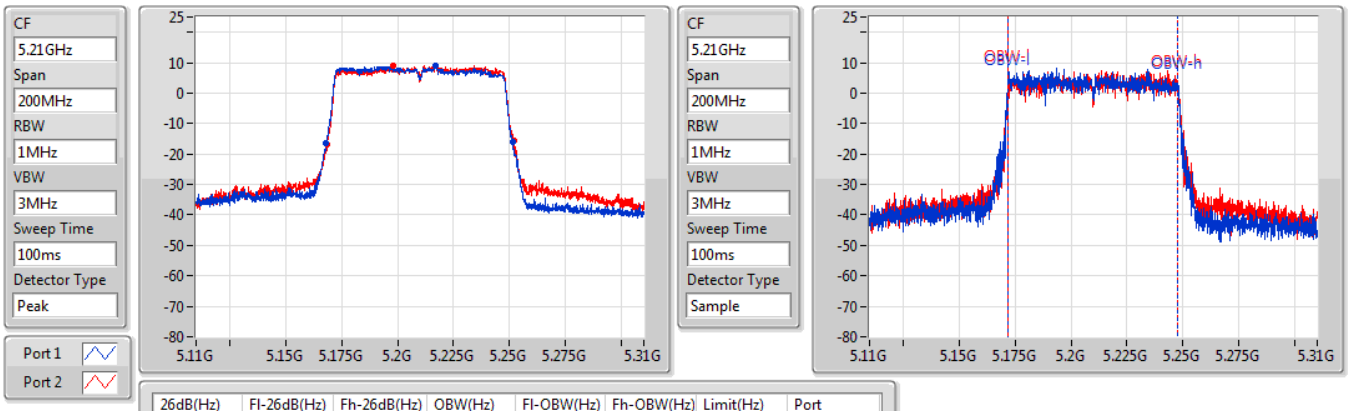


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.2M	5.7771G	5.8113G	42.029M	5.772411G	5.81444G	500k	1
34.4M	5.7781G	5.8125G	48.076M	5.770112G	5.818188G	500k	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5210MHz

20/07/2019

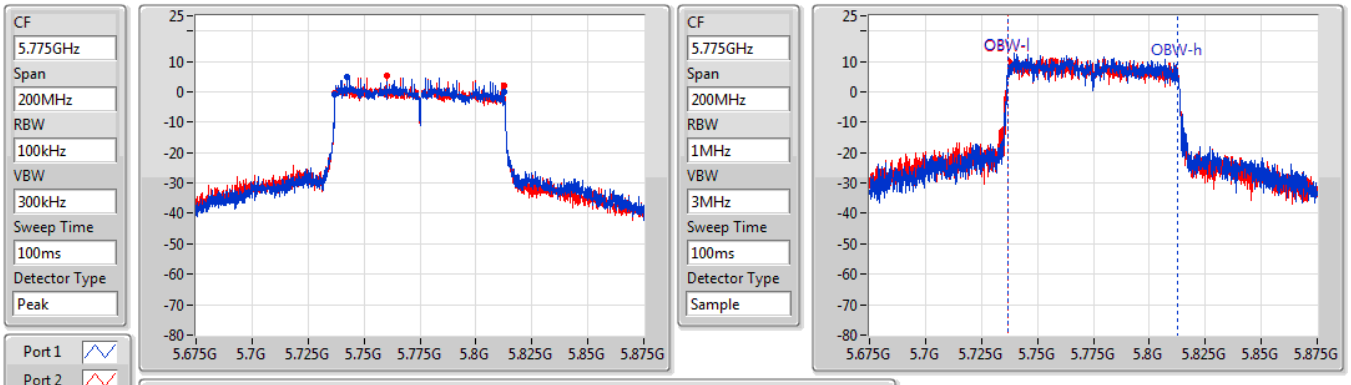


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.3M	5.1681G	5.2514G	75.862M	5.171919G	5.247781G	Inf	1
83.5M	5.1684G	5.2519G	75.862M	5.172019G	5.247881G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5775MHz

20/07/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.5M	5.737G	5.8125G	75.662M	5.736919G	5.812581G	500k	1
75.4M	5.7371G	5.8125G	76.062M	5.736719G	5.812781G	500k	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	34.92M	17.841M	17M8D1D	23.46M	17.721M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	57M	36.582M	36M6D1D	38.34M	35.982M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	83.64M	75.562M	75M6D1D	81.96M	75.322M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	17.73M	17.931M	17M9D1D	17.55M	17.691M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	36.3M	36.582M	36M6D1D	35.04M	36.462M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	62.64M	76.042M	76M0D1D	22.8M	75.922M

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)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	23.46M	17.751M	24M	17.721M
5200MHz	Pass	Inf	25.5M	17.751M	34.92M	17.811M
5240MHz	Pass	Inf	26.79M	17.781M	31.14M	17.841M
5745MHz	Pass	500k	17.64M	17.781M	17.55M	17.781M
5785MHz	Pass	500k	17.7M	17.691M	17.73M	17.811M
5825MHz	Pass	500k	17.67M	17.931M	17.64M	17.841M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	38.34M	36.222M	39.18M	35.982M
5230MHz	Pass	Inf	43.98M	36.522M	57M	36.582M
5755MHz	Pass	500k	35.04M	36.522M	36.3M	36.462M
5795MHz	Pass	500k	36.3M	36.522M	35.4M	36.582M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.96M	75.322M	83.64M	75.562M
5775MHz	Pass	500k	62.64M	75.922M	22.8M	76.042M

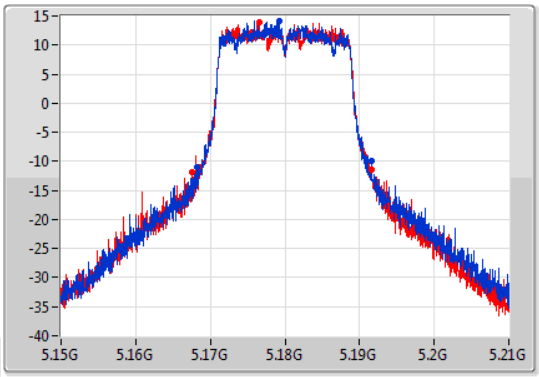
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

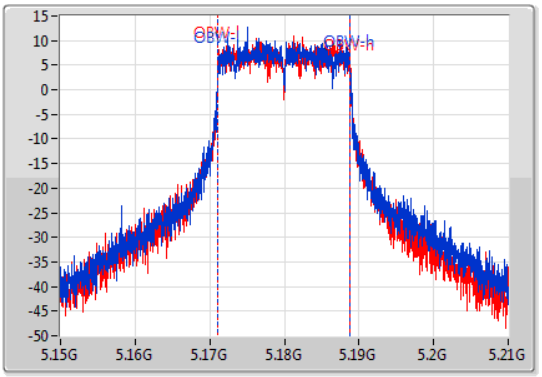
5180MHz

16/08/2019

CF	5.18GHz
Span	60MHz
RBW	300kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.18GHz
Span	60MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2

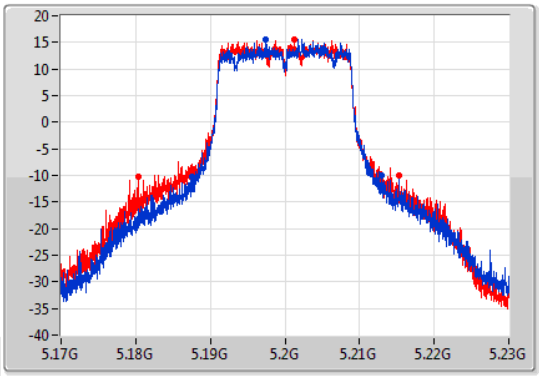
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.46M	5.16815G	5.19161G	17.751M	5.171094G	5.188846G	Inf	1
24M	5.16761G	5.19161G	17.721M	5.171124G	5.188846G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

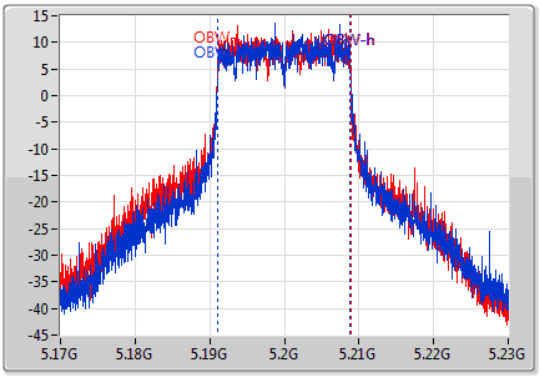
5200MHz

16/08/2019

CF	5.2GHz
Span	60MHz
RBW	300kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.2GHz
Span	60MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



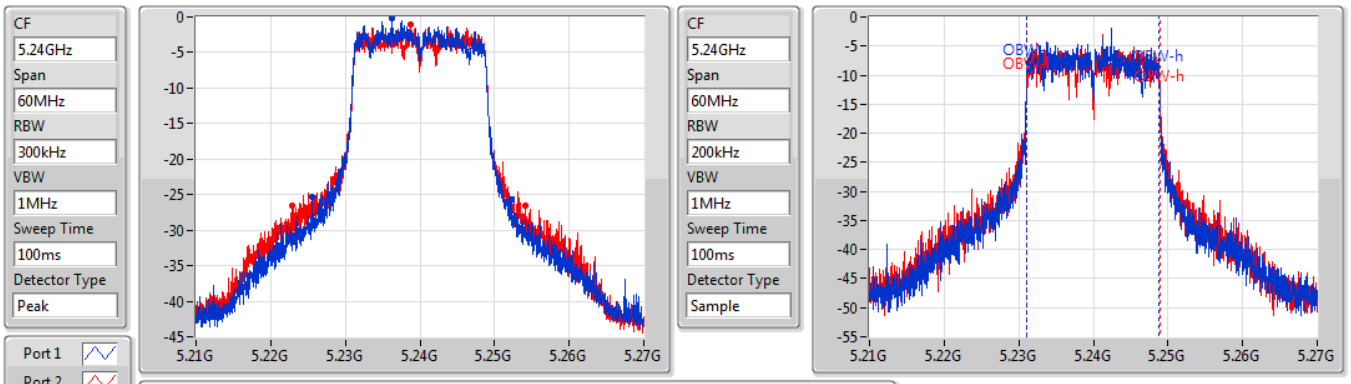
Port 1
Port 2

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.5M	5.18752G	5.21302G	17.751M	5.191094G	5.208846G	Inf	1
34.92M	5.18032G	5.21524G	17.811M	5.191064G	5.208876G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

5240MHz

16/08/2019

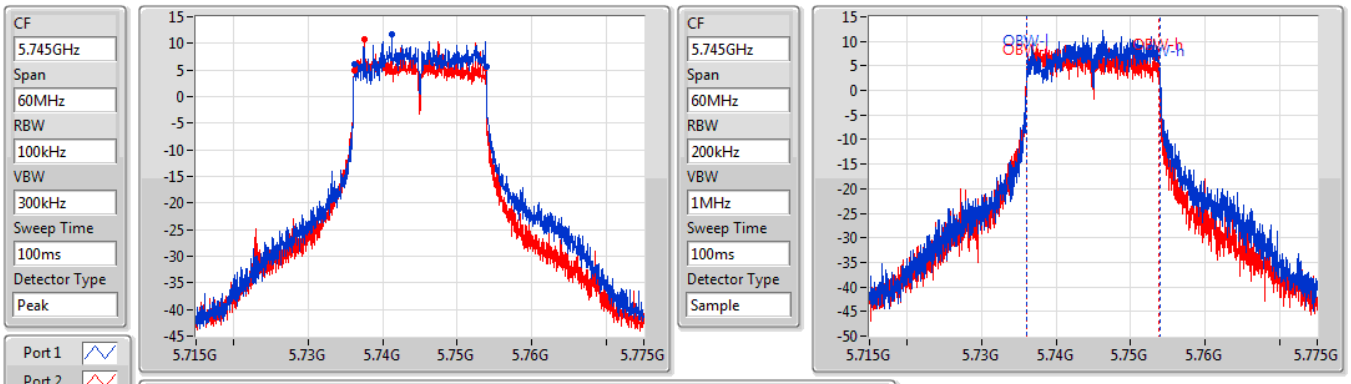


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.79M	5.22548G	5.25227G	17.781M	5.231064G	5.248846G	Inf	1
31.14M	5.2229G	5.25404G	17.841M	5.231034G	5.248876G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

5745MHz

16/08/2019

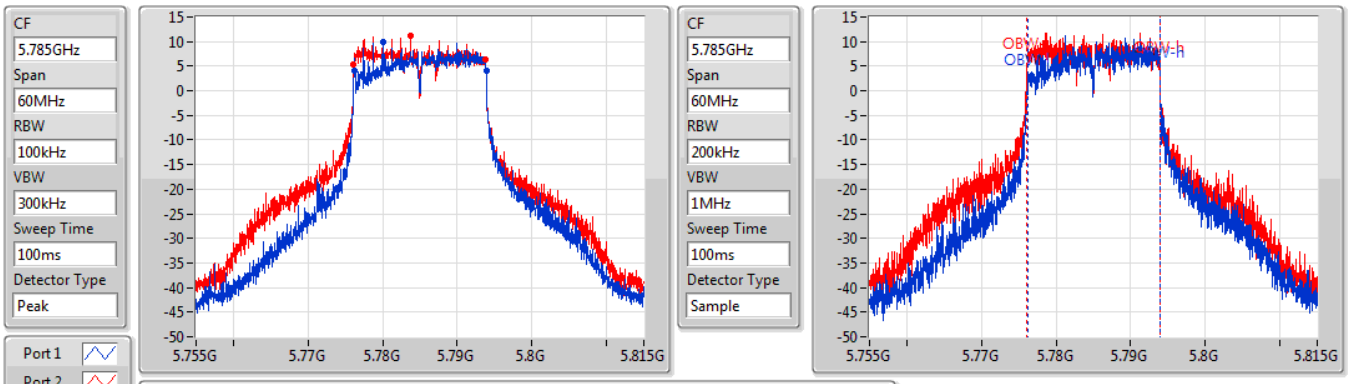


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.64M	5.73624G	5.75388G	17.781M	5.736124G	5.753906G	500k	1
17.55M	5.73621G	5.75376G	17.781M	5.736034G	5.753816G	500k	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

5785MHz

16/08/2019

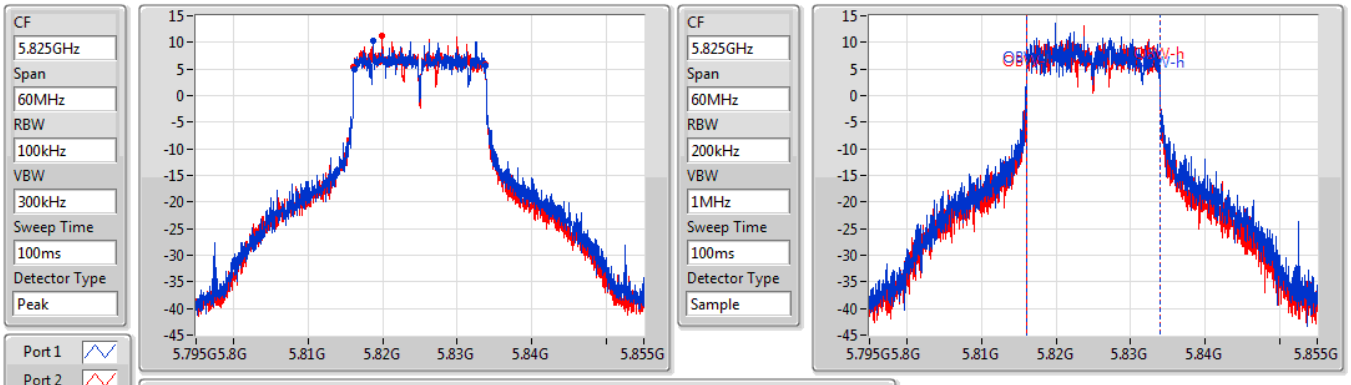


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.7M	5.77618G	5.79388G	17.691M	5.776244G	5.793936G	500k	1
17.73M	5.77609G	5.79382G	17.811M	5.776064G	5.793876G	500k	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

5825MHz

16/08/2019



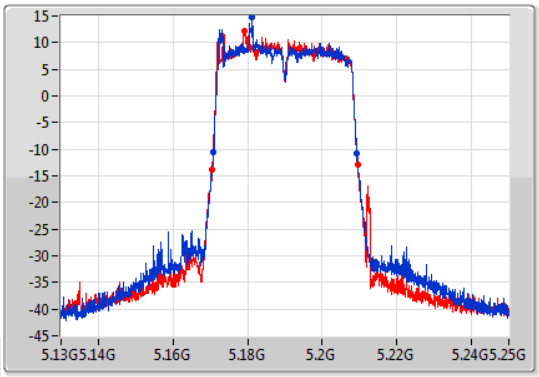
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.67M	5.81615G	5.83382G	17.931M	5.816004G	5.833936G	500k	1
17.64M	5.81612G	5.83376G	17.841M	5.816034G	5.833876G	500k	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX EBW

5190MHz

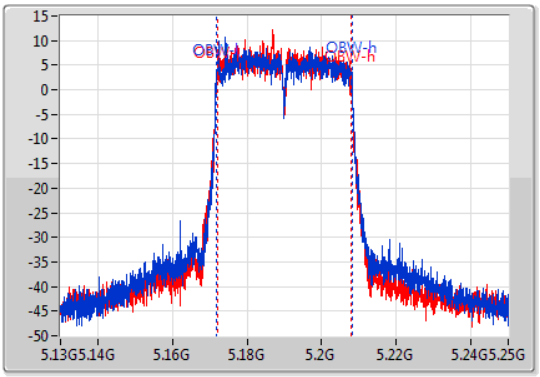
16/08/2019

CF	5.19GHz
Span	120MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Peak



Port 1
Port 2

CF	5.19GHz
Span	120MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Sample



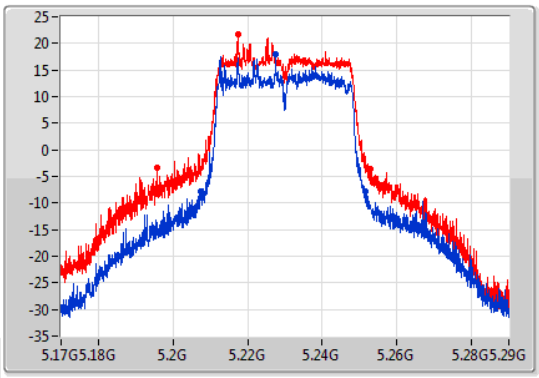
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.34M	5.17086G	5.2092G	36.222M	5.171829G	5.208051G	Inf	1
39.18M	5.17038G	5.20956G	35.982M	5.172009G	5.207991G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX EBW

5230MHz

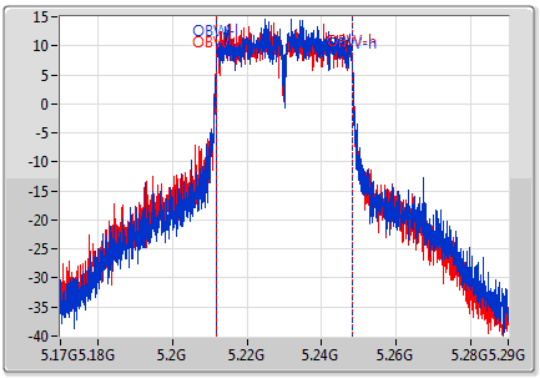
16/08/2019

CF	5.23GHz
Span	120MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Peak



Port 1
Port 2

CF	5.23GHz
Span	120MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Sample

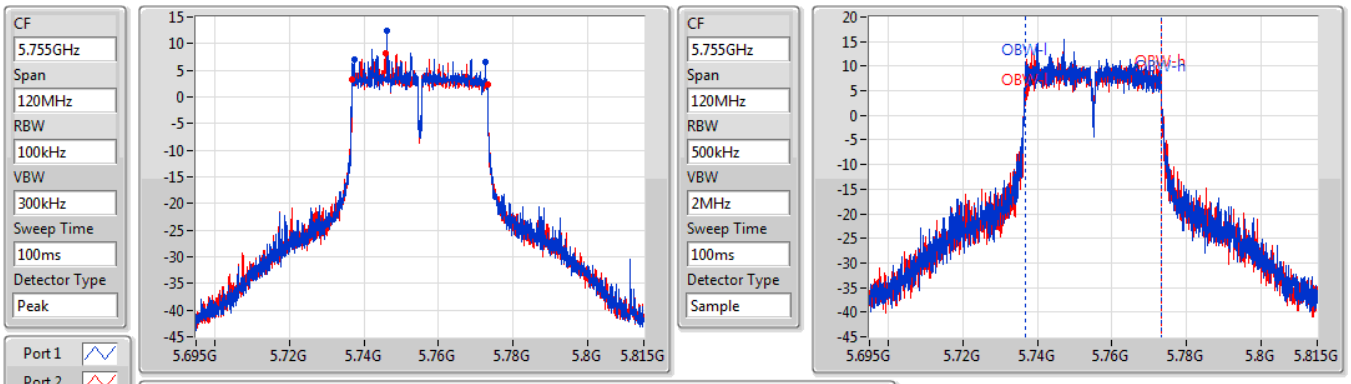


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.98M	5.20756G	5.25154G	36.522M	5.211709G	5.248231G	Inf	1
57M	5.1958G	5.2528G	36.582M	5.211649G	5.248231G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX EBW

5755MHz

16/08/2019

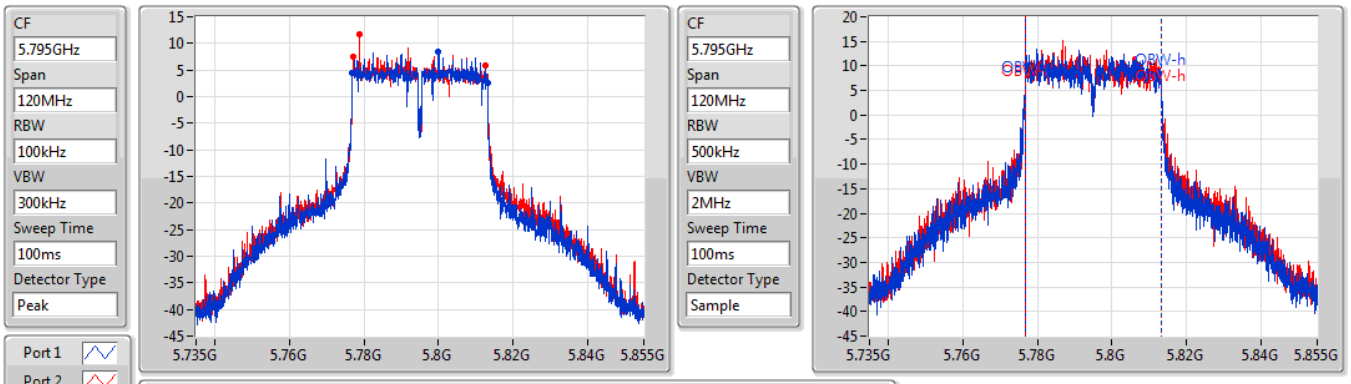


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.04M	5.73748G	5.77252G	36.522M	5.736649G	5.773171G	500k	1
36.3M	5.73682G	5.77312G	36.462M	5.736709G	5.773171G	500k	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX EBW

5795MHz

16/08/2019

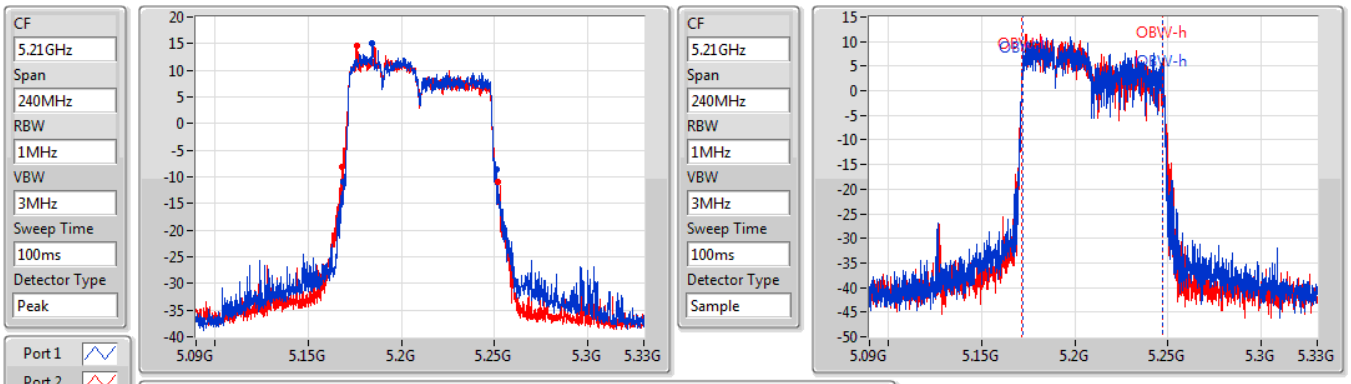


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.776676G	5.81306G	36.522M	5.776649G	5.813171G	500k	1
35.4M	5.77712G	5.81252G	36.582M	5.776649G	5.813231G	500k	2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX EBW

5210MHz

16/08/2019

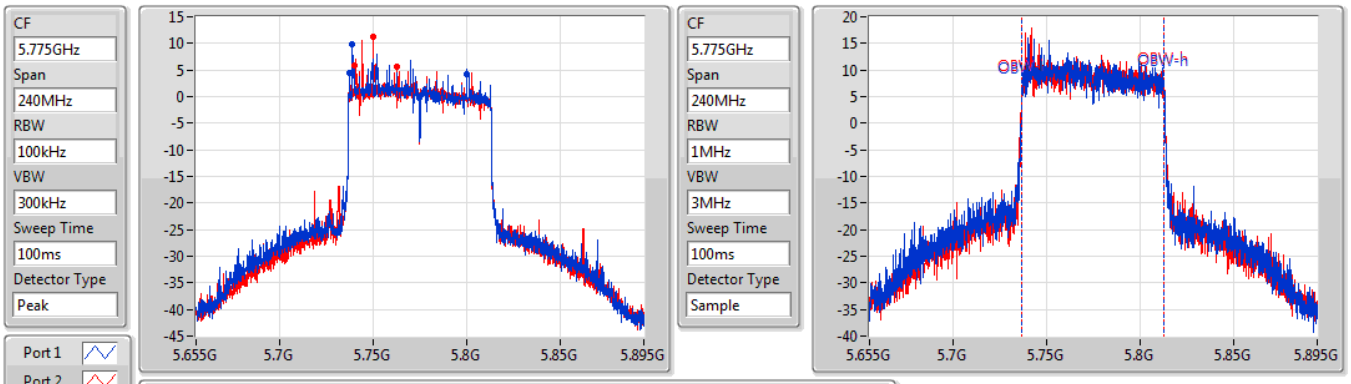


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.16896G	5.25092G	75.322M	5.171979G	5.247301G	Inf	1
83.64M	5.168G	5.25164G	75.562M	5.171859G	5.247421G	Inf	2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX EBW

5775MHz

16/08/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
62.64M	5.73744G	5.80008G	75.922M	5.736859G	5.812781G	500k	1
22.8M	5.73972G	5.76252G	76.042M	5.736859G	5.812901G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	28.65	0.73282
802.11ac VHT20_Nss1,(MCS0)_2TX	29.06	0.80538
802.11ac VHT40_Nss1,(MCS0)_2TX	26.71	0.46881
802.11ac VHT80_Nss1,(MCS0)_2TX	21.03	0.12677
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	29.67	0.92683
802.11ac VHT20_Nss1,(MCS0)_2TX	29.49	0.88920
802.11ac VHT40_Nss1,(MCS0)_2TX	29.94	0.98628
802.11ac VHT80_Nss1,(MCS0)_2TX	25.34	0.34198

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	1.00	21.13	20.94	24.05	30.00
5200MHz	Pass	1.00	25.64	25.52	28.59	30.00
5240MHz	Pass	1.00	25.61	25.66	28.65	30.00
5745MHz	Pass	1.00	26.23	26.50	29.38	30.00
5785MHz	Pass	1.00	26.43	26.78	29.62	30.00
5825MHz	Pass	1.00	26.59	26.73	29.67	30.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	1.00	21.44	21.10	24.28	30.00
5200MHz	Pass	1.00	25.90	25.82	28.87	30.00
5240MHz	Pass	1.00	26.05	26.04	29.06	30.00
5745MHz	Pass	1.00	26.10	26.35	29.24	30.00
5785MHz	Pass	1.00	26.13	26.61	29.39	30.00
5825MHz	Pass	1.00	26.34	26.61	29.49	30.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	1.00	20.32	20.04	23.19	30.00
5230MHz	Pass	1.00	23.60	23.79	26.71	30.00
5755MHz	Pass	1.00	26.86	26.99	29.94	30.00
5795MHz	Pass	1.00	26.13	26.59	29.38	30.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	1.00	18.08	17.95	21.03	30.00
5775MHz	Pass	1.00	22.49	22.17	25.34	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	26.27	0.42364
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	26.36	0.43251
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	20.95	0.12445
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	25.69	0.37068
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	25.83	0.38282
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	25.50	0.35481

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	4.01	21.47	21.05	24.28	30.00
5200MHz	Pass	4.01	22.88	23.13	26.02	30.00
5240MHz	Pass	4.01	23.44	23.07	26.27	30.00
5745MHz	Pass	4.01	22.93	22.42	25.69	30.00
5785MHz	Pass	4.01	22.42	22.39	25.42	30.00
5825MHz	Pass	4.01	22.51	22.33	25.43	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	4.01	19.27	19.53	22.41	30.00
5230MHz	Pass	4.01	23.40	23.30	26.36	30.00
5755MHz	Pass	4.01	22.97	22.66	25.83	30.00
5795MHz	Pass	4.01	22.29	22.60	25.46	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	4.01	17.84	18.04	20.95	30.00
5775MHz	Pass	4.01	22.55	22.43	25.50	30.00

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	15.48
802.11ac VHT20_Nss1,(MCS0)_2TX	15.45
802.11ac VHT40_Nss1,(MCS0)_2TX	10.55
802.11ac VHT80_Nss1,(MCS0)_2TX	1.56
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	14.71
802.11ac VHT20_Nss1,(MCS0)_2TX	14.24
802.11ac VHT40_Nss1,(MCS0)_2TX	12.07
802.11ac VHT80_Nss1,(MCS0)_2TX	4.56

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

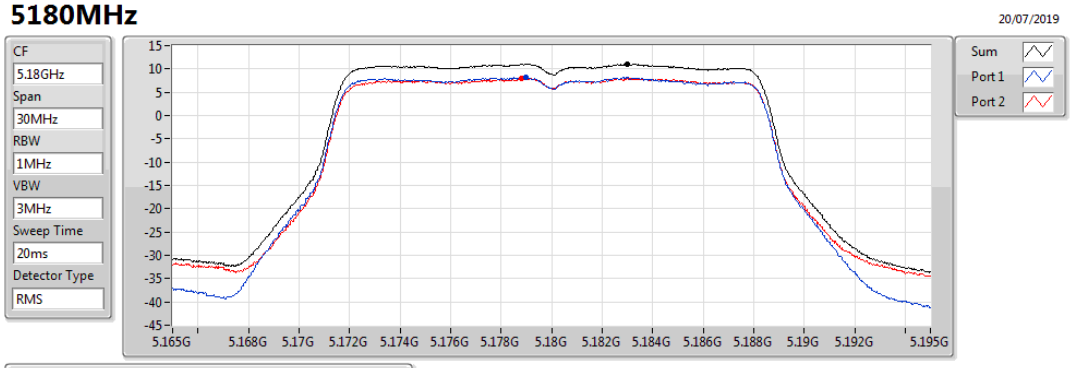
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.01	8.15	7.98	11.03	17.00
5200MHz	Pass	4.01	12.55	12.48	15.48	17.00
5240MHz	Pass	4.01	12.36	12.42	15.37	17.00
5745MHz	Pass	4.01	11.76	11.69	14.64	30.00
5785MHz	Pass	4.01	11.74	12.16	14.71	30.00
5825MHz	Pass	4.01	11.77	12.14	14.59	30.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.01	8.09	7.89	10.94	17.00
5200MHz	Pass	4.01	12.58	12.49	15.45	17.00
5240MHz	Pass	4.01	12.40	12.40	15.35	17.00
5745MHz	Pass	4.01	11.28	11.40	14.24	30.00
5785MHz	Pass	4.01	10.83	11.47	14.04	30.00
5825MHz	Pass	4.01	11.10	11.52	14.11	30.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	4.01	4.23	4.04	7.11	17.00
5230MHz	Pass	4.01	7.35	7.81	10.55	17.00
5755MHz	Pass	4.01	9.09	9.46	12.07	30.00
5795MHz	Pass	4.01	8.49	8.87	11.44	30.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	4.01	-1.29	-1.43	1.56	17.00
5775MHz	Pass	4.01	2.14	1.54	4.56	30.00

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

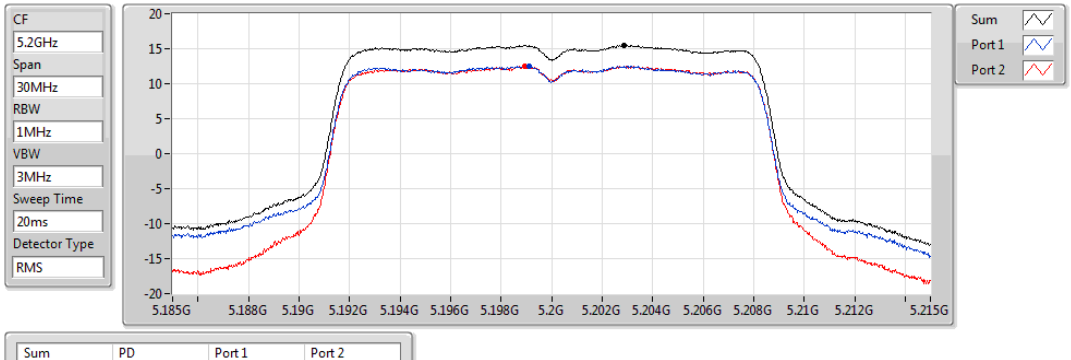
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.03	11.03	8.15	7.98

802.11a_Nss1,(6Mbps)_2TX PSD

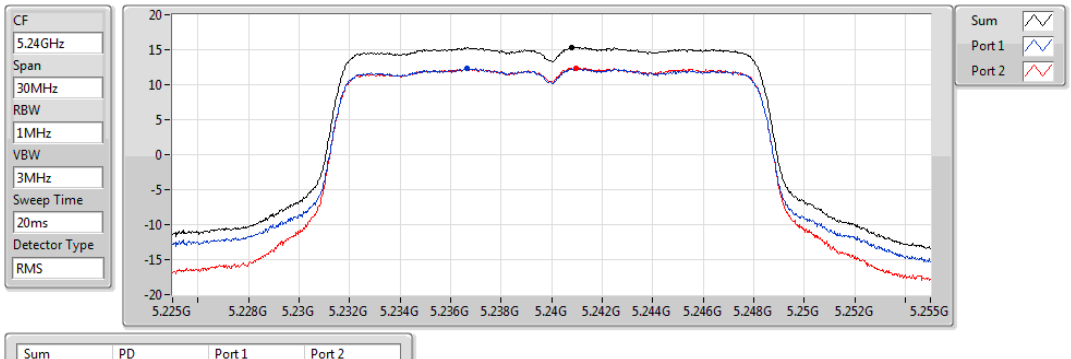
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.48	15.48	12.55	12.48

802.11a_Nss1,(6Mbps)_2TX PSD

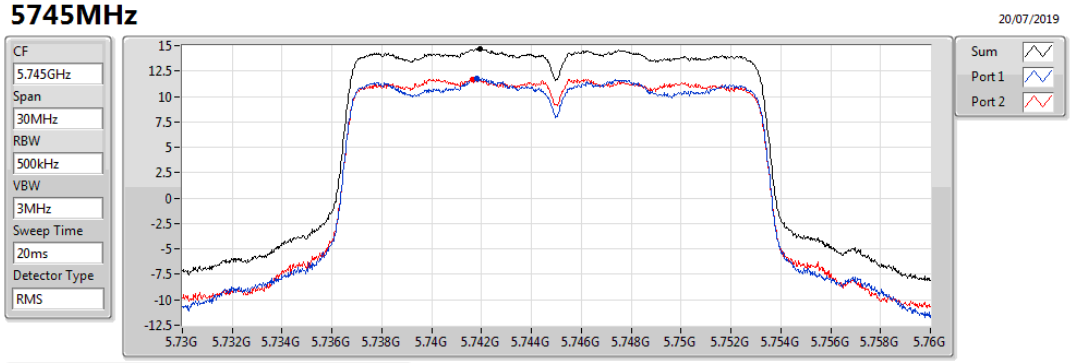
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.37	15.37	12.36	12.42

802.11a_Nss1,(6Mbps)_2TX PSD

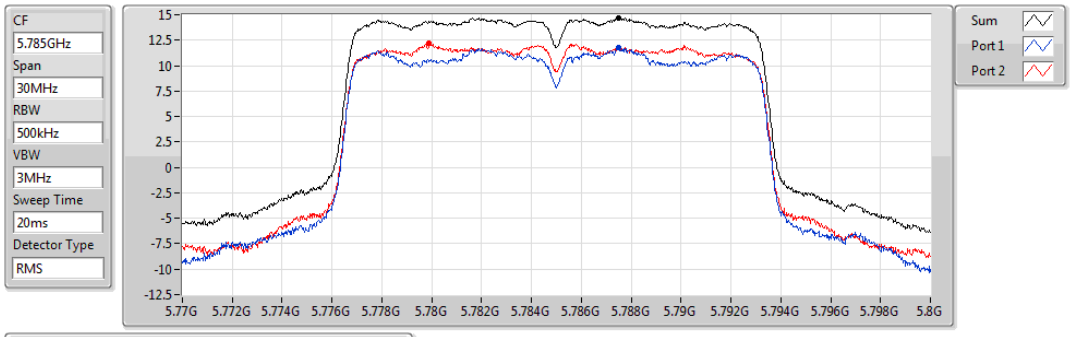
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.64	14.64	11.76	11.69

802.11a_Nss1,(6Mbps)_2TX PSD

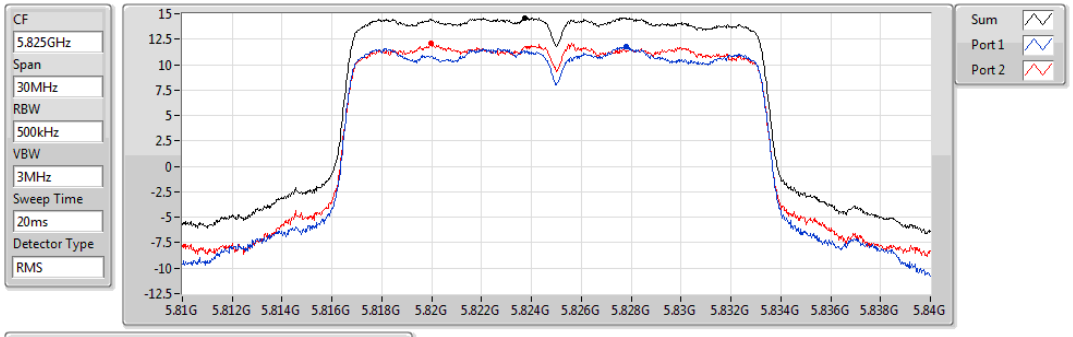
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.71	14.71	11.74	12.16

802.11a_Nss1,(6Mbps)_2TX PSD

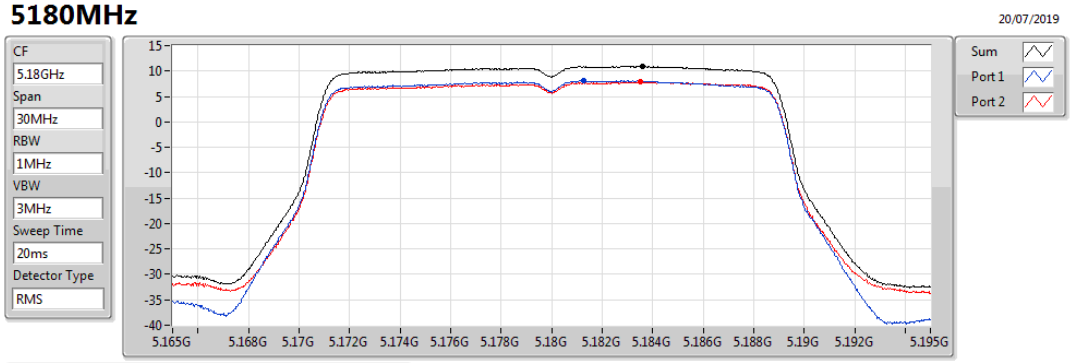
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.59	14.59	11.77	12.14

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

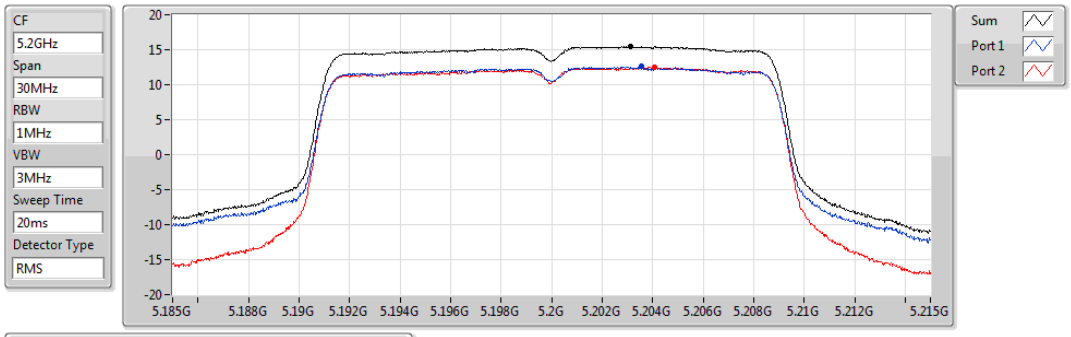
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.94	10.94	8.09	7.89

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

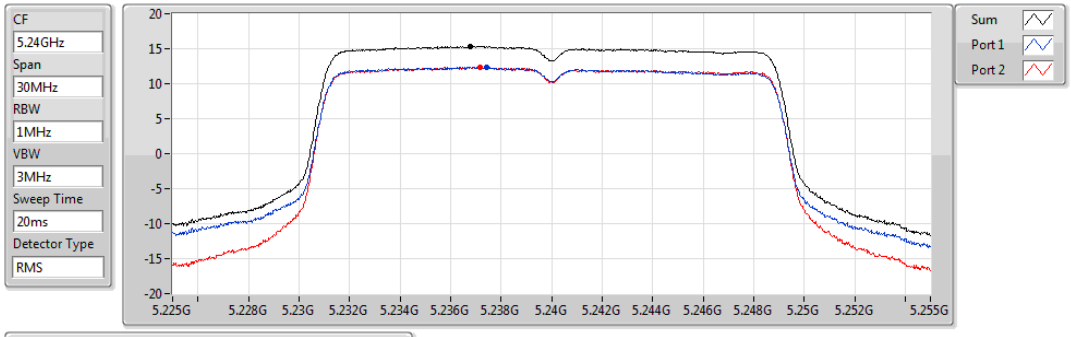
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.45	15.45	12.58	12.49

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

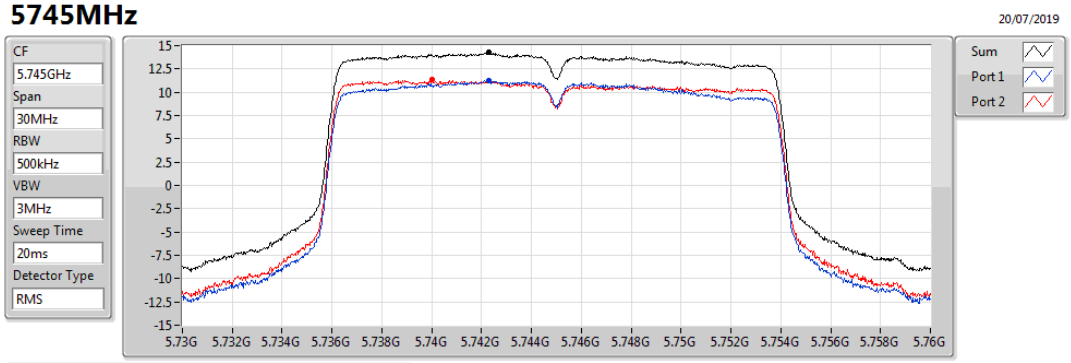
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.35	15.35	12.40	12.40

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

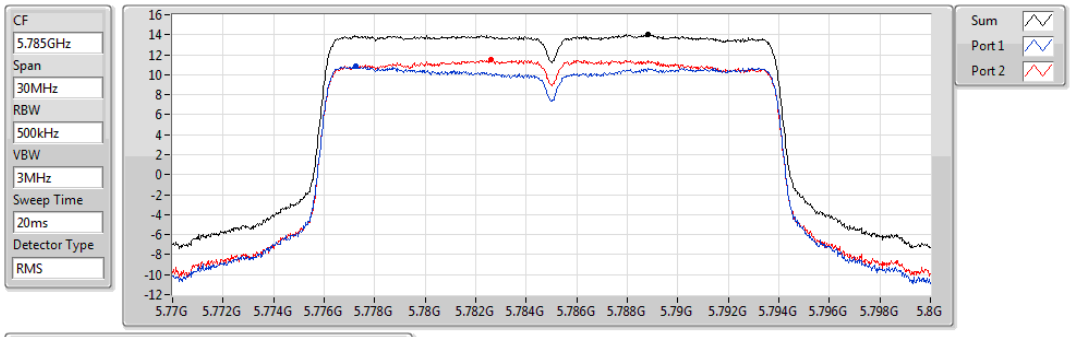
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.24	14.24	11.28	11.40

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

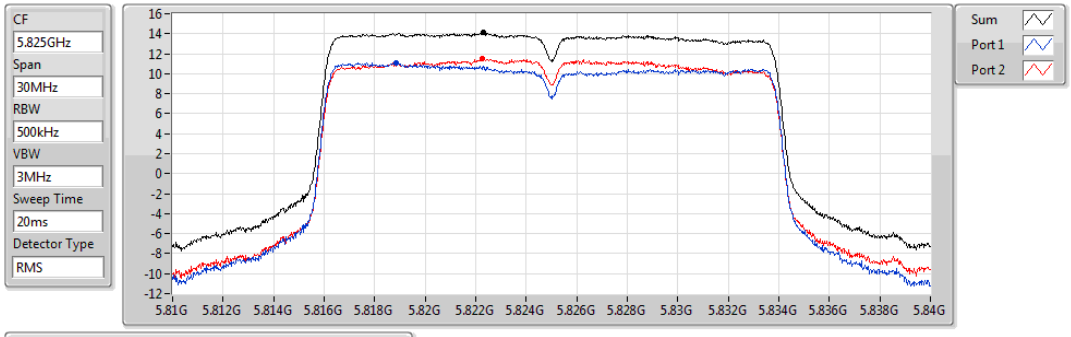
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.04	14.04	10.83	11.47

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

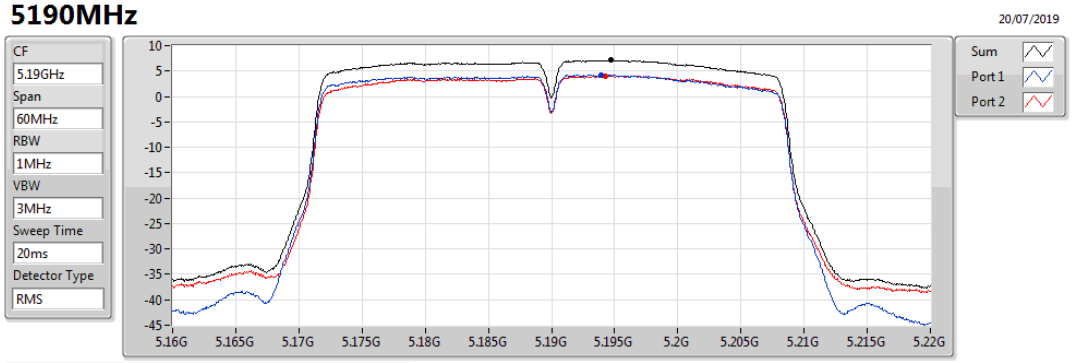
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.11	14.11	11.10	11.52

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

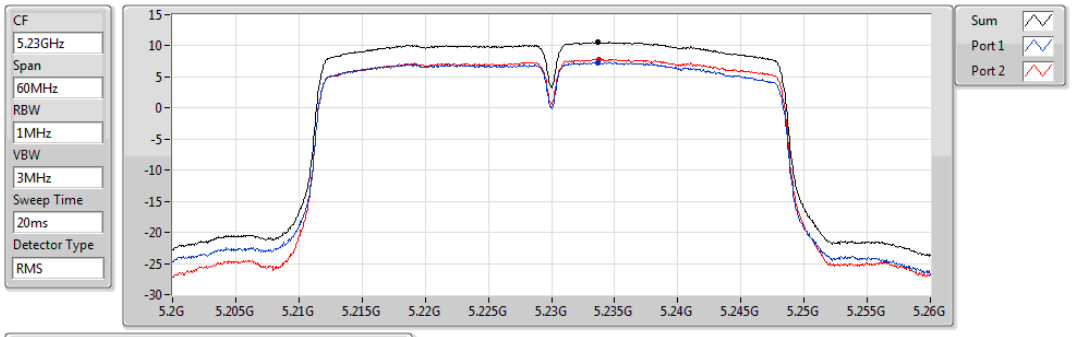
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.11	7.11	4.23	4.04

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

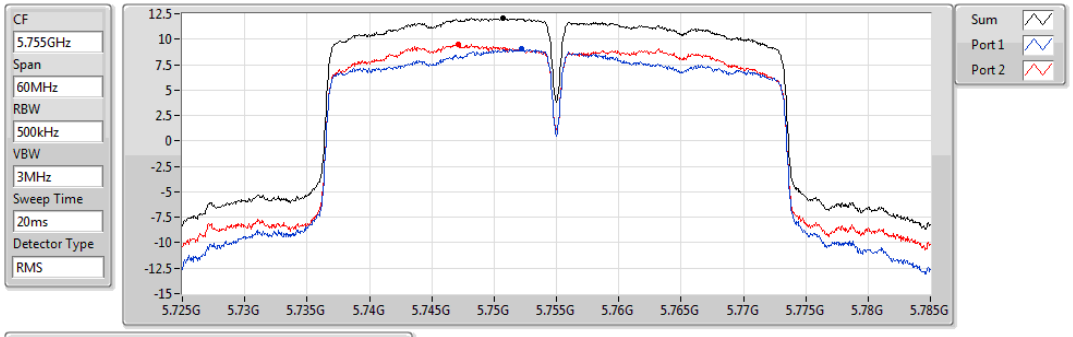
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.55	10.55	7.35	7.81

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

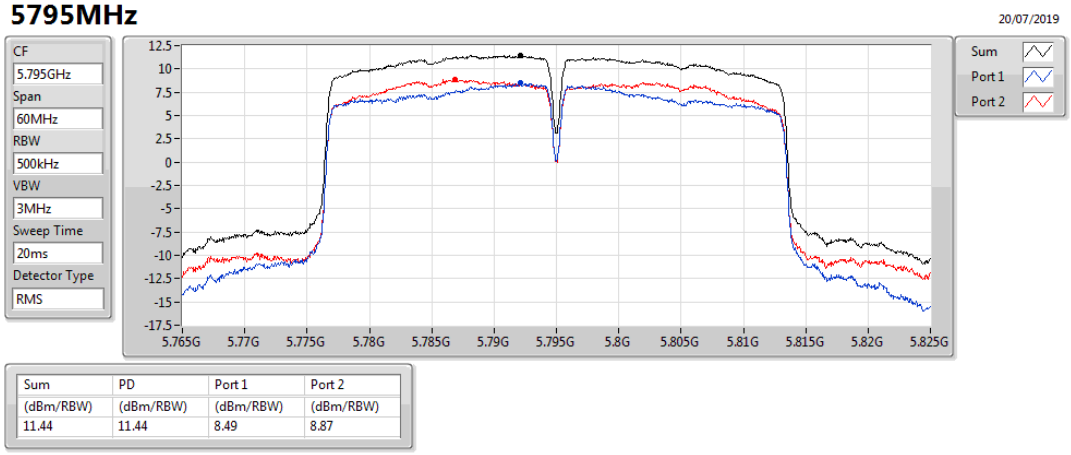
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.07	12.07	9.09	9.46

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

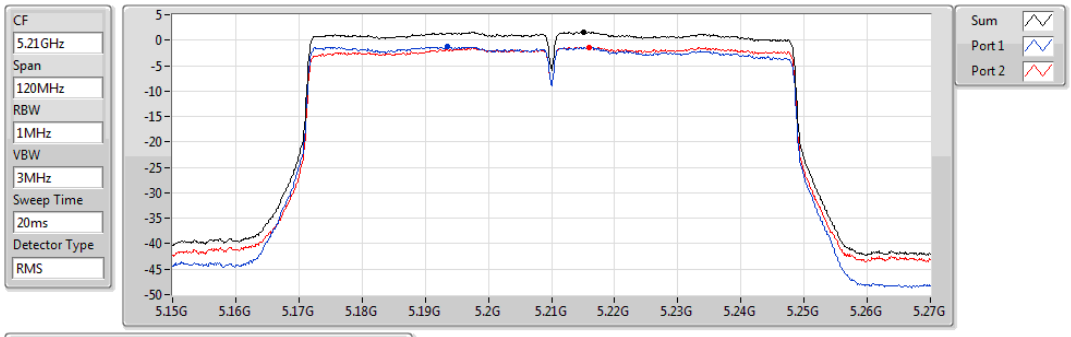
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.44	11.44	8.49	8.87

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

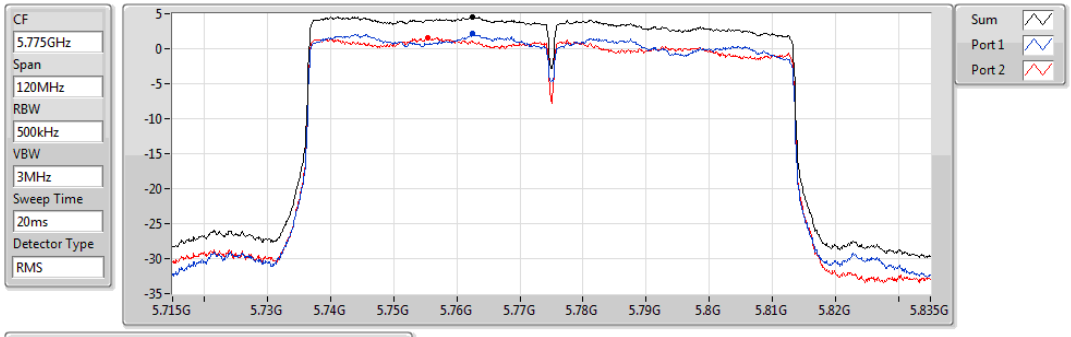
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.56	1.56	-1.29	-1.43

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.56	4.56	2.14	1.54

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	12.78
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	11.07
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	5.25
5.725-5.85GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	10.30
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	8.42
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	7.25

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

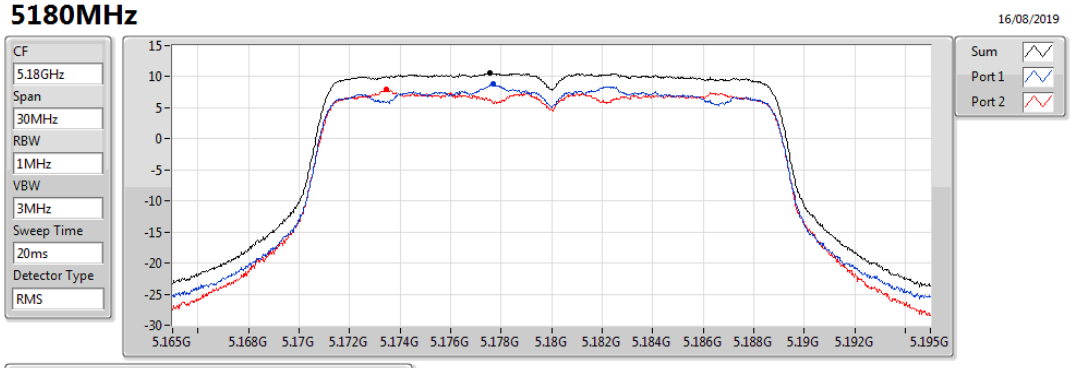
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.01	8.76	7.90	10.65	17.00
5200MHz	Pass	4.01	9.70	9.93	12.12	17.00
5240MHz	Pass	4.01	10.97	9.81	12.78	17.00
5745MHz	Pass	4.01	8.71	7.67	10.30	30.00
5785MHz	Pass	4.01	7.93	7.89	10.08	30.00
5825MHz	Pass	4.01	-7.88	-7.83	-5.75	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	4.01	4.43	4.48	6.60	17.00
5230MHz	Pass	4.01	9.05	8.76	11.07	17.00
5755MHz	Pass	4.01	5.08	5.02	7.77	30.00
5795MHz	Pass	4.01	6.01	6.69	8.42	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	4.01	3.35	2.64	5.25	17.00
5775MHz	Pass	4.01	4.94	4.72	7.25	30.00

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;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

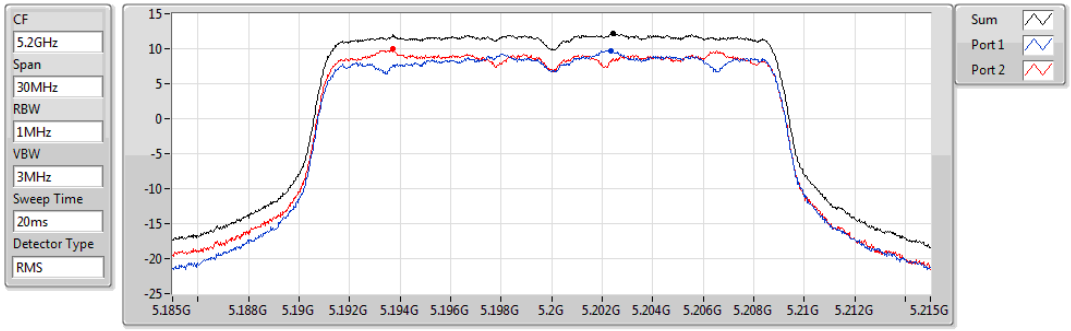
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.65	10.65	8.76	7.90

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

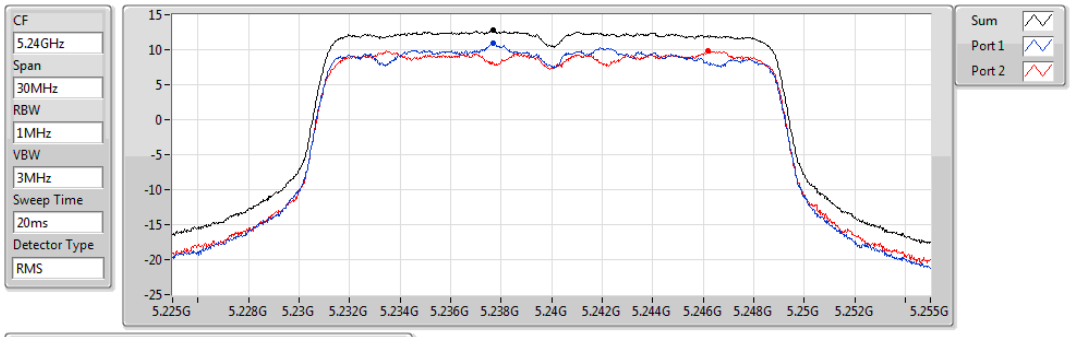
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.12	12.12	9.70	9.93

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

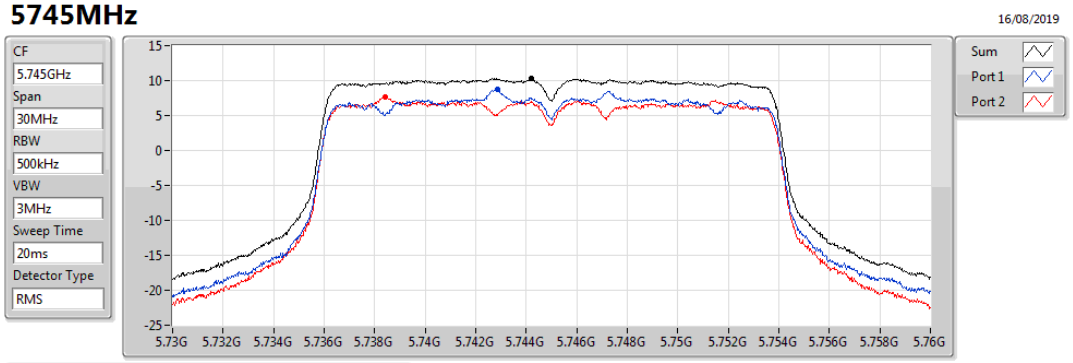
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.78	12.78	10.97	9.81

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

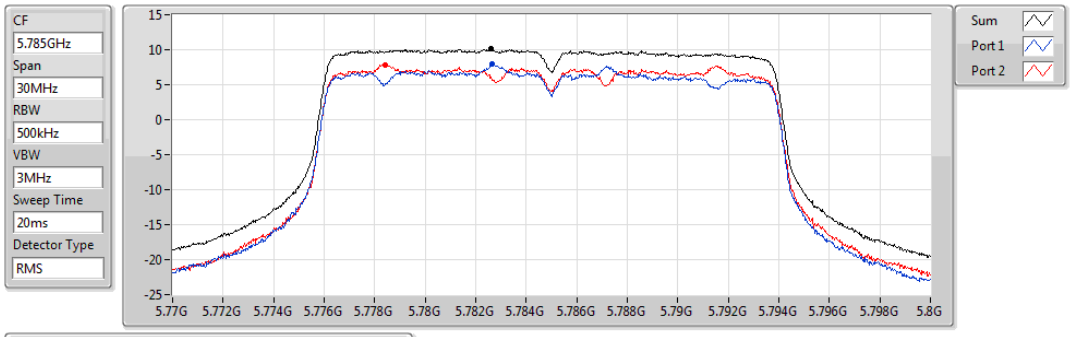
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.30	10.30	8.71	7.67

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

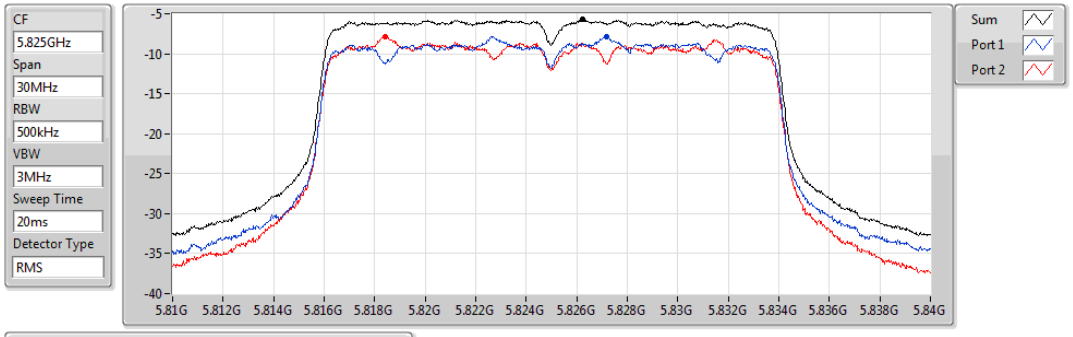
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.08	10.08	7.93	7.89

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

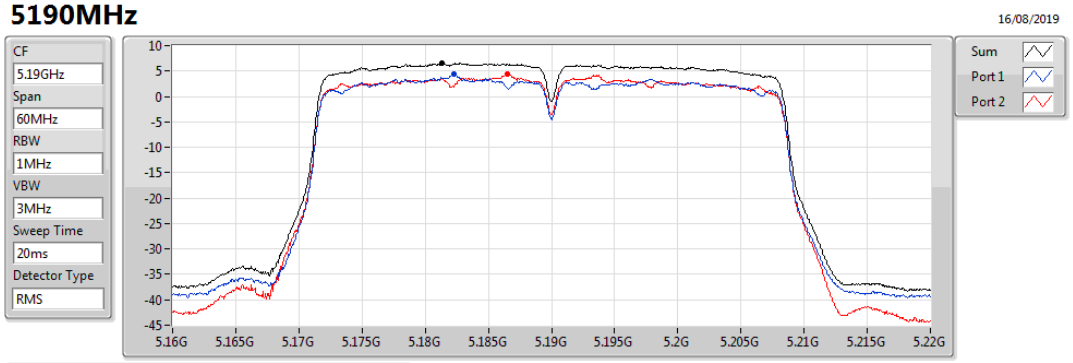
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.75	-5.75	-7.88	-7.83

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

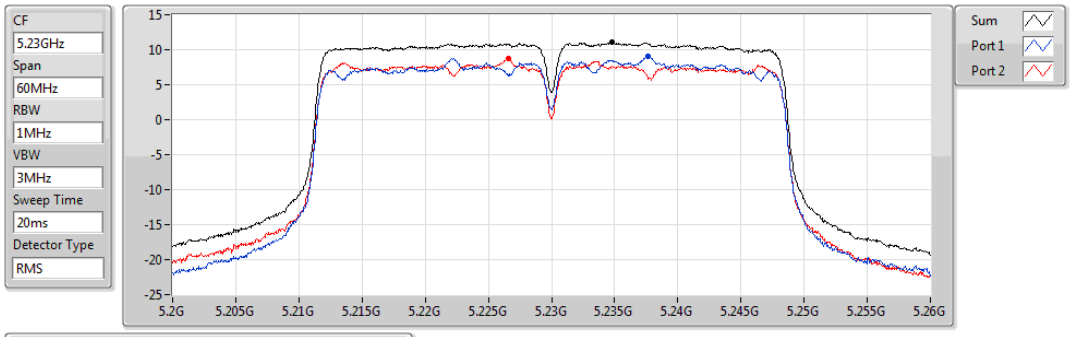
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.60	6.60	4.43	4.48

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

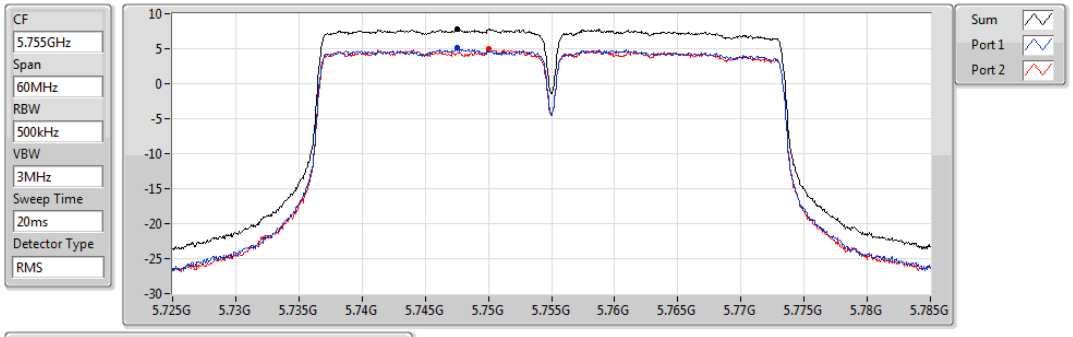
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.07	11.07	9.05	8.76

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

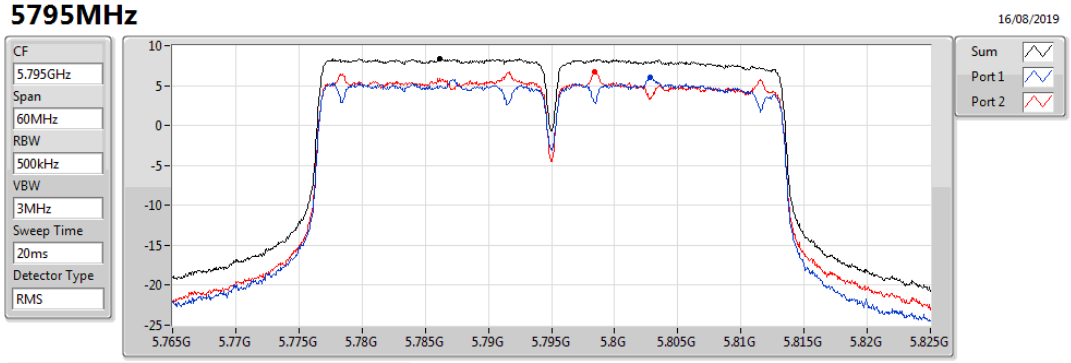
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.77	7.77	5.08	5.02

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

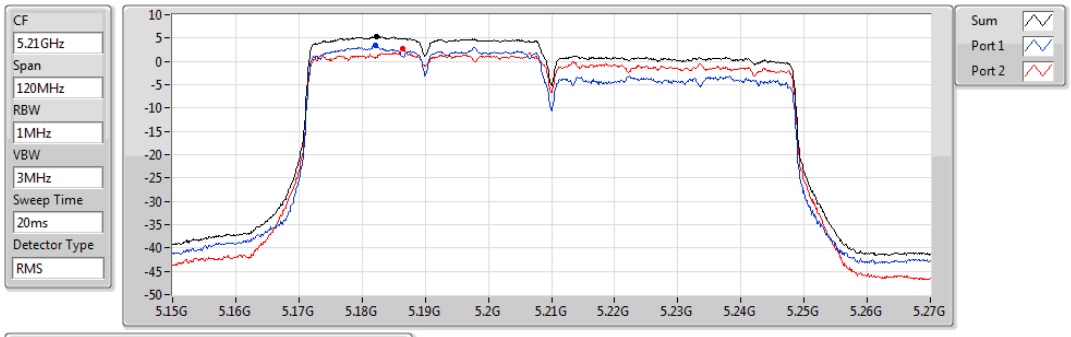
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.42	8.42	6.01	6.69

802.11ac VHT80-BF_Nss1,(MCS0)_2TX PSD

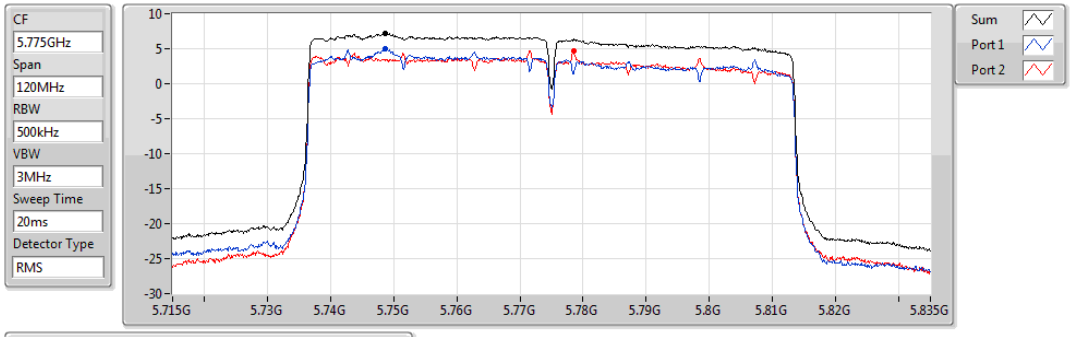
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.25	5.25	3.35	2.64

802.11ac VHT80-BF_Nss1,(MCS0)_2TX PSD

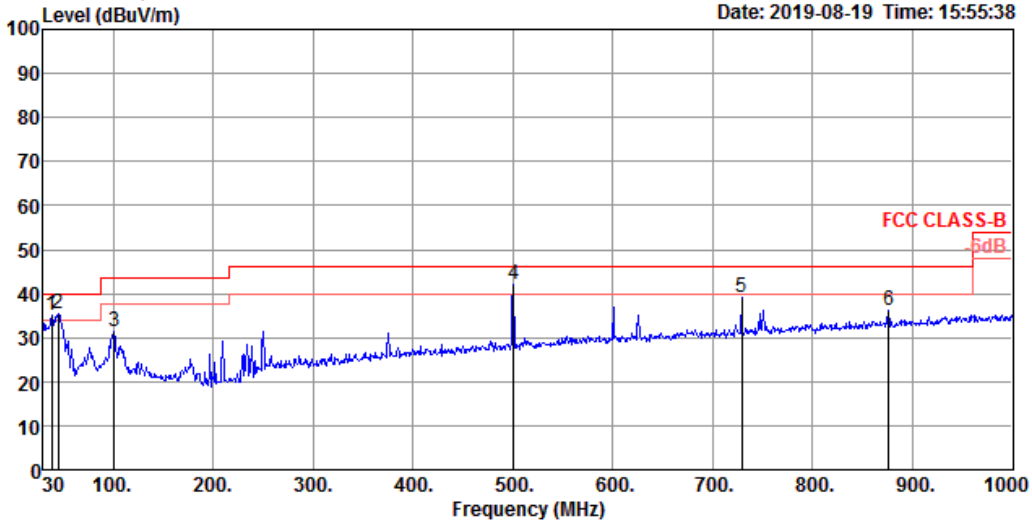
5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.25	7.25	4.94	4.72

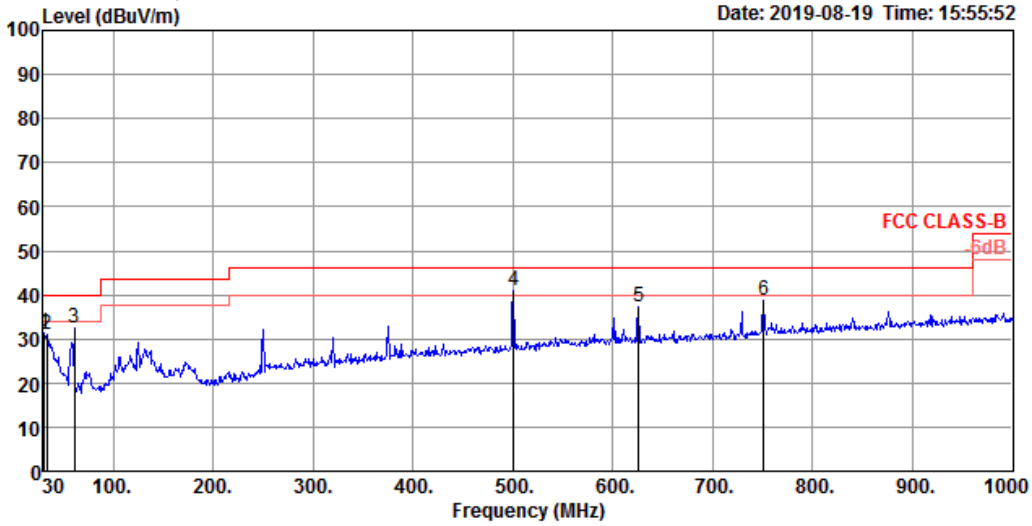
Test Mode	Mode 2	Frequency Range	30 MHz to 1,000 MHz

Vertical 30 MHz to 1,000 MHz



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	38.73	35.19	40.00	-4.81	45.37	0.81	20.51	31.50	100	243	Peak	VERTICAL
2	44.55	35.33	40.00	-4.67	48.78	0.89	17.25	31.59	100	123	Peak	VERTICAL
3	100.81	31.22	43.50	-12.28	44.68	1.31	17.22	31.99	125	329	Peak	VERTICAL
4	500.45	42.04	46.00	-3.96	47.75	2.94	23.83	32.48	100	253	Peak	VERTICAL
5	729.37	39.03	46.00	-6.97	41.89	3.57	25.96	32.39	100	120	Peak	VERTICAL
6	875.84	36.12	46.00	-9.88	37.10	3.92	27.50	32.40	100	197	Peak	VERTICAL

Horizontal 30 MHz to 1,000 MHz



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	30.97	31.45	40.00	-8.55	37.21	0.69	25.11	31.56	300	357	Peak	HORIZONTAL
2	33.88	30.82	40.00	-9.18	38.19	0.74	23.39	31.50	100	86	Peak	HORIZONTAL
3	61.04	32.30	40.00	-7.70	50.55	1.00	12.60	31.85	200	267	Peak	HORIZONTAL
4	500.45	41.11	46.00	-4.89	46.82	2.94	23.83	32.48	150	102	Peak	HORIZONTAL
5	625.58	37.18	46.00	-8.82	41.12	3.28	25.21	32.43	125	125	Peak	HORIZONTAL
6	750.71	38.77	46.00	-7.23	41.26	3.64	26.20	32.33	100	196	Peak	HORIZONTAL

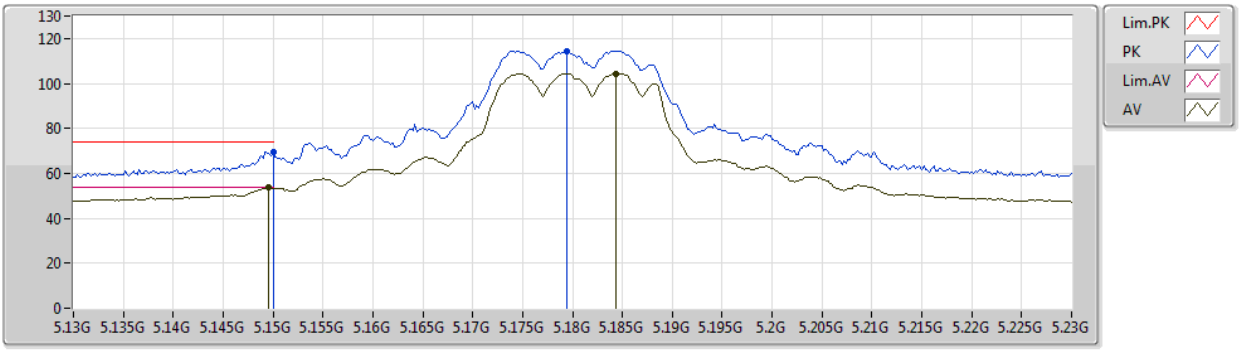
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.1492G	53.99	54.00	-0.01	7.33	3	Horizontal	260	1.70	-

802.11a_Nss1,(6Mbps)_2TX

19/07/2019

5180MHz_TX



EUT Y_2TX
Setting 22
06-K-3-10
FSP

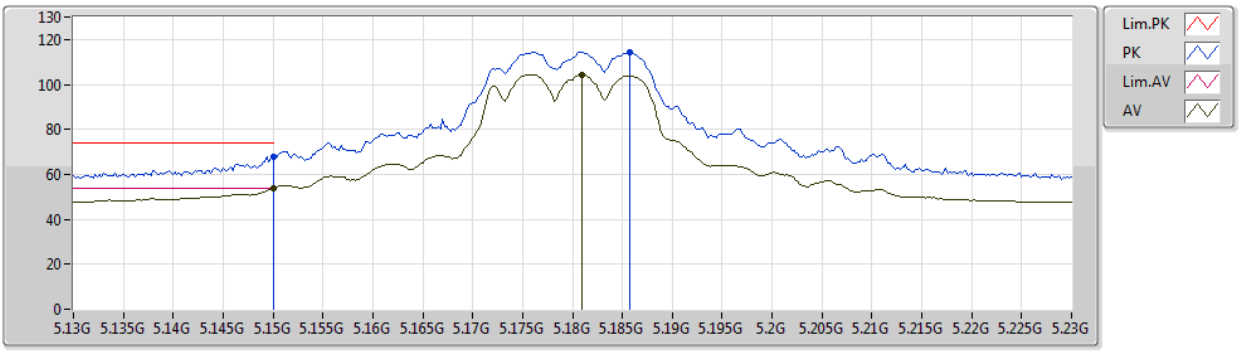
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.15G	69.70	74.00	-4.30	7.33	3	Vertical	359	1.63	-	62.37
AV	5.1496G	53.55	54.00	-0.45	7.33	3	Vertical	359	1.63	-	46.22
PK	5.1794G	114.53	Inf	-Inf	7.28	3	Vertical	359	1.63	-	107.25
AV	5.1844G	104.49	Inf	-Inf	7.28	3	Vertical	359	1.63	-	97.21

Mode

802.11a_Nss1,(6Mbps)_2TX

19/07/2019

5180MHz_TX



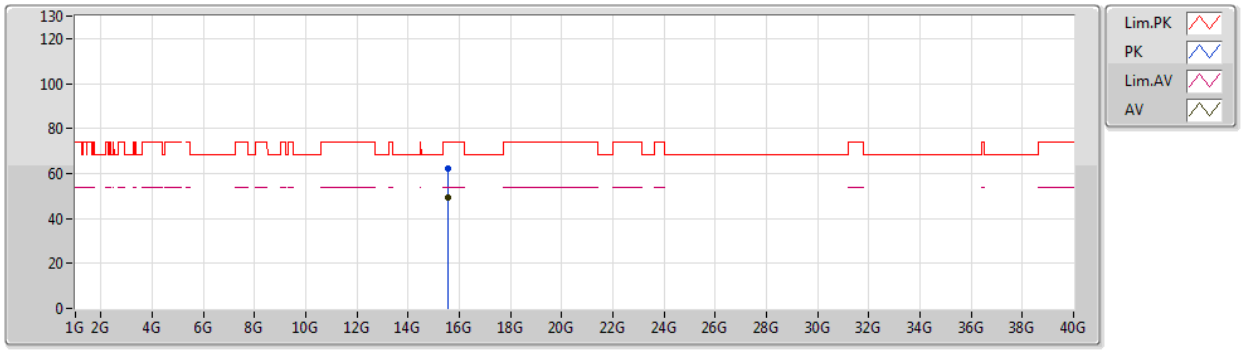
EUT Y_2TX
Setting 22
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.15G	68.08	74.00	-5.92	7.33	3	Horizontal	247	2.47	-	60.75
AV	5.15G	53.88	54.00	-0.12	7.33	3	Horizontal	247	2.47	-	46.55
PK	5.1858G	114.47	Inf	-Inf	7.28	3	Horizontal	247	2.47	-	107.19
AV	5.181G	104.28	Inf	-Inf	7.28	3	Horizontal	247	2.47	-	97.00

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

19/07/2019



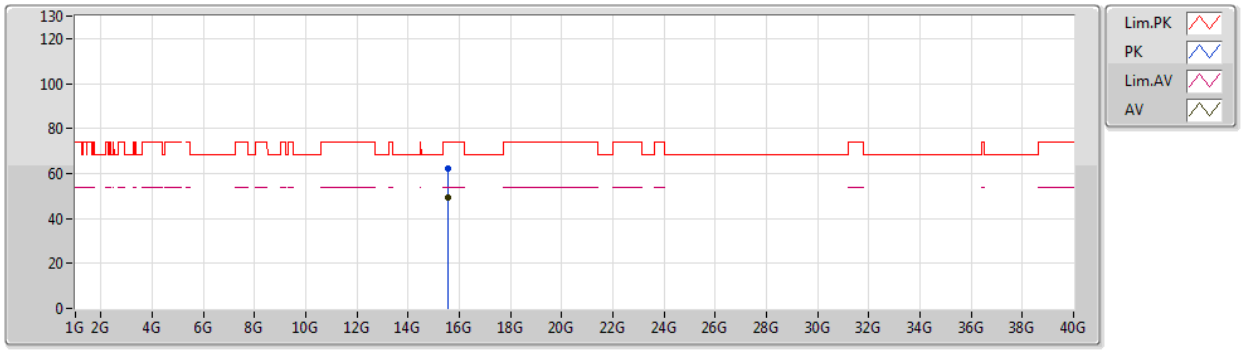
EUT Y_2TX
Setting 22
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.5355G	62.17	74.00	-11.83	17.45	3	Vertical	65	2.71	-	44.72
AV	15.55362G	49.08	54.00	-4.92	17.43	3	Vertical	65	2.71	-	31.65

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

19/07/2019



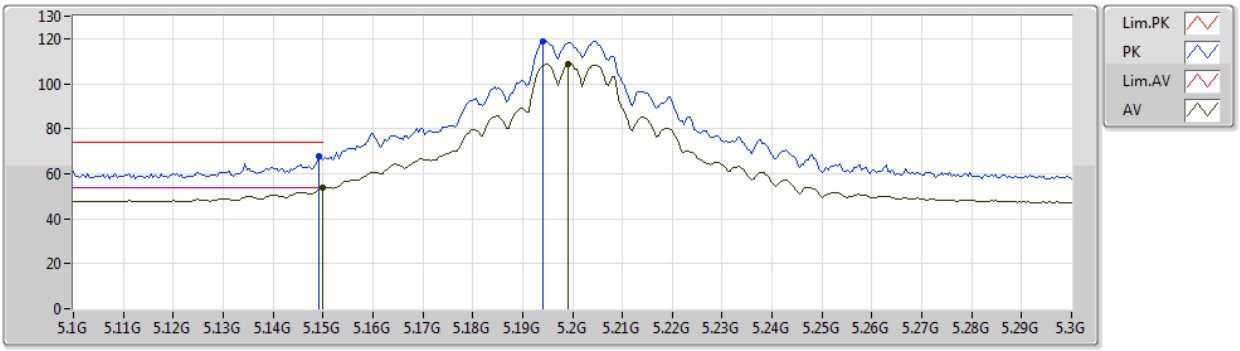
EUT Y_2TX
Setting 22
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.54132G	62.46	74.00	-11.54	17.45	3	Horizontal	108	1.50	-	45.01
AV	15.55002G	49.13	54.00	-4.87	17.44	3	Horizontal	108	1.50	-	31.69

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

19/07/2019



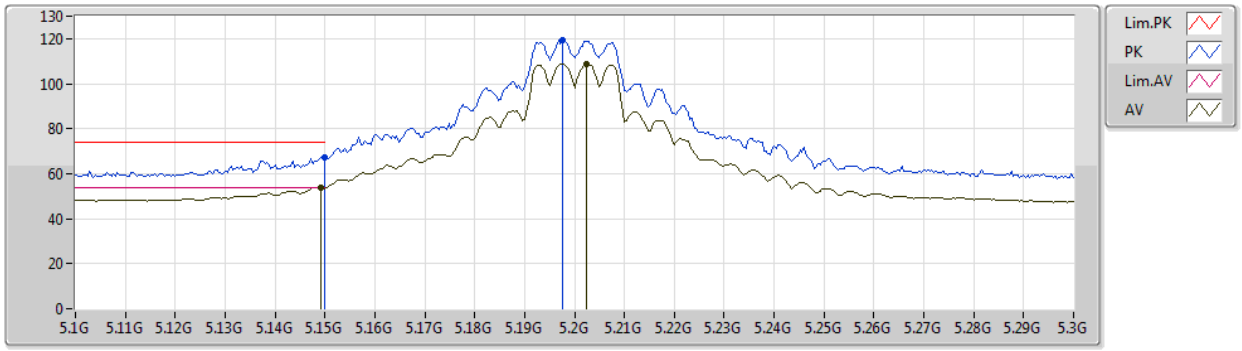
EUT Y_2TX
Setting 26
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1492G	68.05	74.00	-5.95	7.33	3	Vertical	358	1.65	-	60.72
AV	5.15G	53.96	54.00	-0.04	7.33	3	Vertical	358	1.65	-	46.63
PK	5.194G	118.72	Inf	-Inf	7.25	3	Vertical	358	1.65	-	111.47
AV	5.1992G	108.77	Inf	-Inf	7.25	3	Vertical	358	1.65	-	101.52

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

19/07/2019



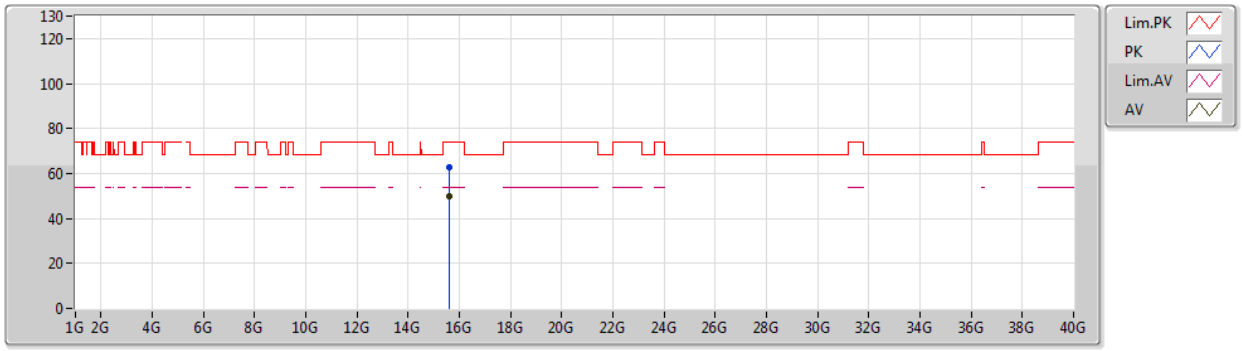
EUT Y_2TX
Setting 26
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.15G	67.51	74.00	-6.49	7.33	3	Horizontal	260	1.70	-	60.18
AV	5.1492G	53.99	54.00	-0.01	7.33	3	Horizontal	260	1.70	-	46.66
PK	5.1976G	119.36	Inf	-Inf	7.25	3	Horizontal	260	1.70	-	112.11
AV	5.2024G	108.47	Inf	-Inf	7.25	3	Horizontal	260	1.70	-	101.22

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

19/07/2019



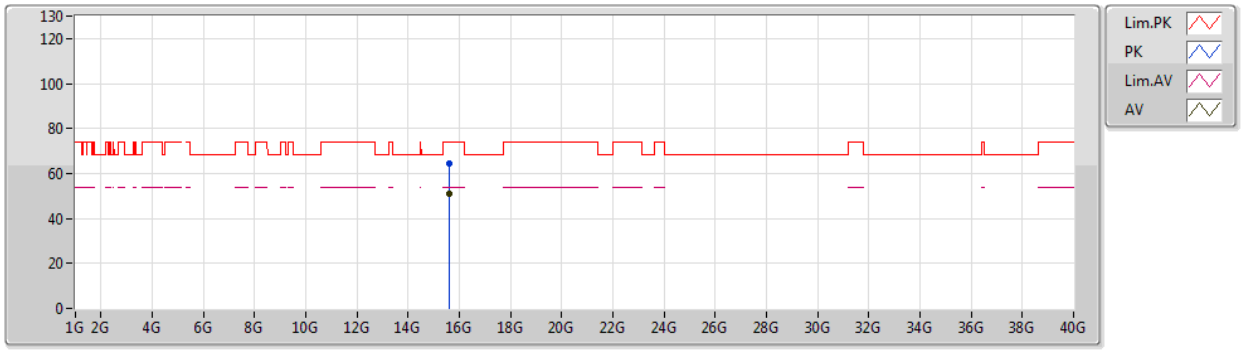
EUT Y_2TX
Setting 26
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.6087G	63.00	74.00	-11.00	17.36	3	Vertical	244	1.56	-	45.64
AV	15.6024G	49.87	54.00	-4.13	17.37	3	Vertical	244	1.56	-	32.50

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

19/07/2019



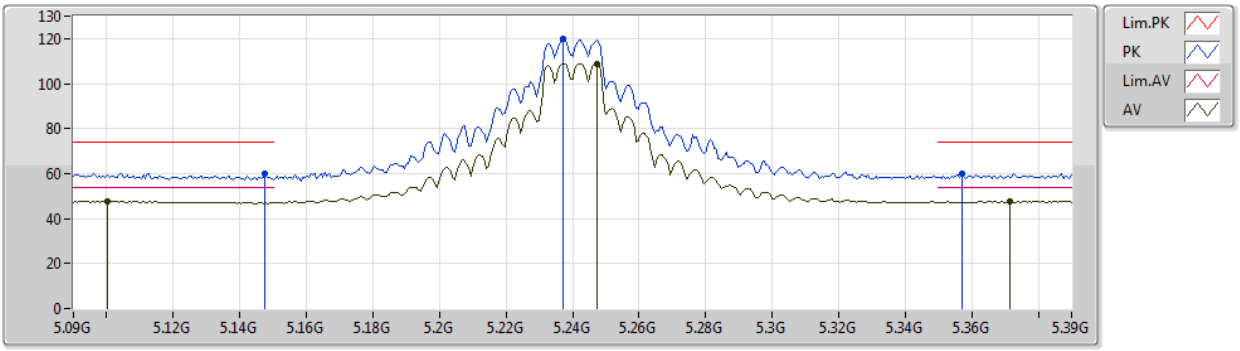
EUT Y_2TX
Setting 26
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.59718G	64.48	74.00	-9.52	17.37	3	Horizontal	221	1.43	-	47.11
AV	15.60252G	51.00	54.00	-3.00	17.37	3	Horizontal	221	1.43	-	33.63

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

19/07/2019



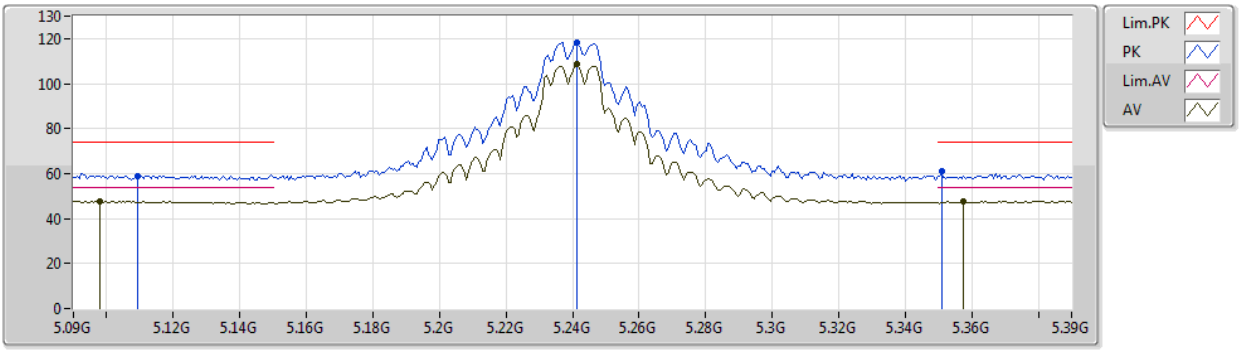
EUT Y_2TX
Setting 27.5
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1476G	60.17	74.00	-13.83	7.33	3	Vertical	357	1.62	-	52.84
AV	5.1002G	47.64	54.00	-6.36	7.41	3	Vertical	357	1.62	-	40.23
PK	5.237G	119.75	Inf	-Inf	7.18	3	Vertical	357	1.62	-	112.57
AV	5.2472G	108.80	Inf	-Inf	7.17	3	Vertical	357	1.62	-	101.63
PK	5.357G	60.07	74.00	-13.93	7.23	3	Vertical	357	1.62	-	52.84
AV	5.3714G	47.80	54.00	-6.20	7.27	3	Vertical	357	1.62	-	40.53

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

19/07/2019



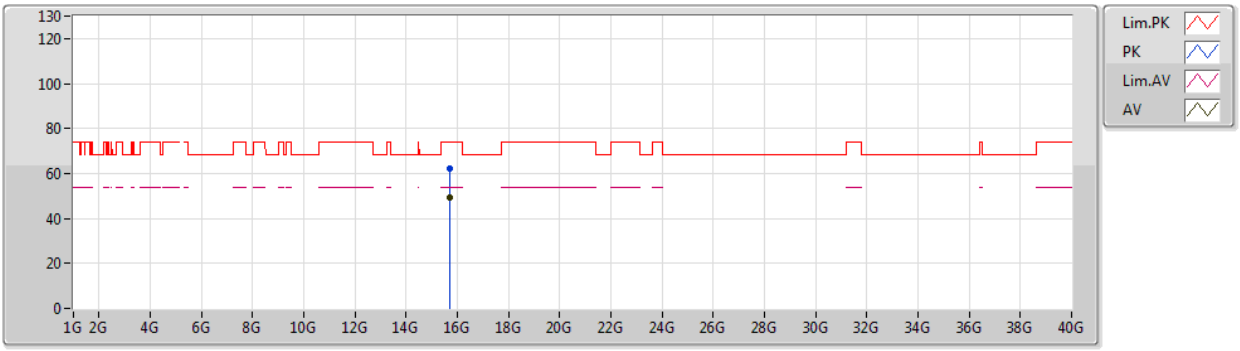
EUT Y_2TX
Setting 27.5
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1092G	59.11	74.00	-14.89	7.40	3	Horizontal	253	1.53	-	51.71
AV	5.0978G	47.51	54.00	-6.49	7.40	3	Horizontal	253	1.53	-	40.11
PK	5.2412G	118.35	Inf	-Inf	7.17	3	Horizontal	253	1.53	-	111.18
AV	5.2412G	108.45	Inf	-Inf	7.17	3	Horizontal	253	1.53	-	101.28
PK	5.351G	60.92	74.00	-13.08	7.21	3	Horizontal	253	1.53	-	53.71
AV	5.3576G	47.73	54.00	-6.27	7.23	3	Horizontal	253	1.53	-	40.50

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

19/07/2019



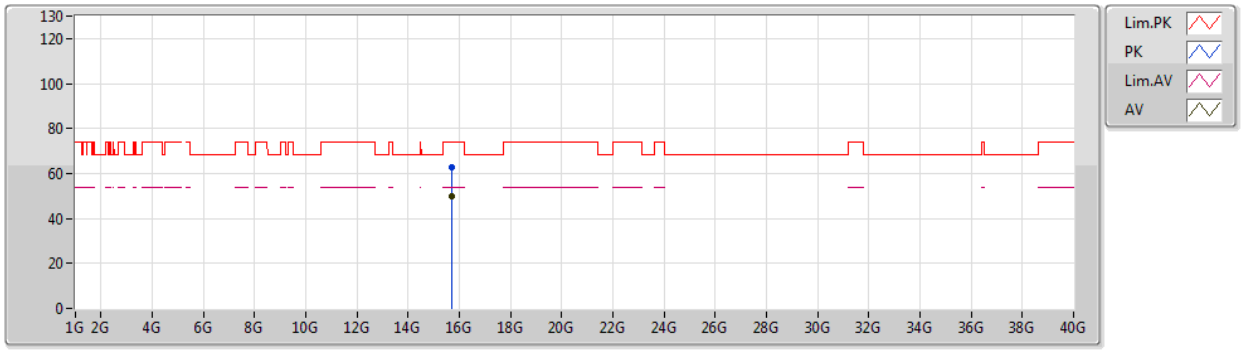
EUT Y_2TX
Setting 27.5
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.706G	62.13	74.00	-11.87	17.15	3	Vertical	241	1.50	-	44.98
AV	15.7197G	49.13	54.00	-4.87	17.13	3	Vertical	241	1.50	-	32.00

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

19/07/2019



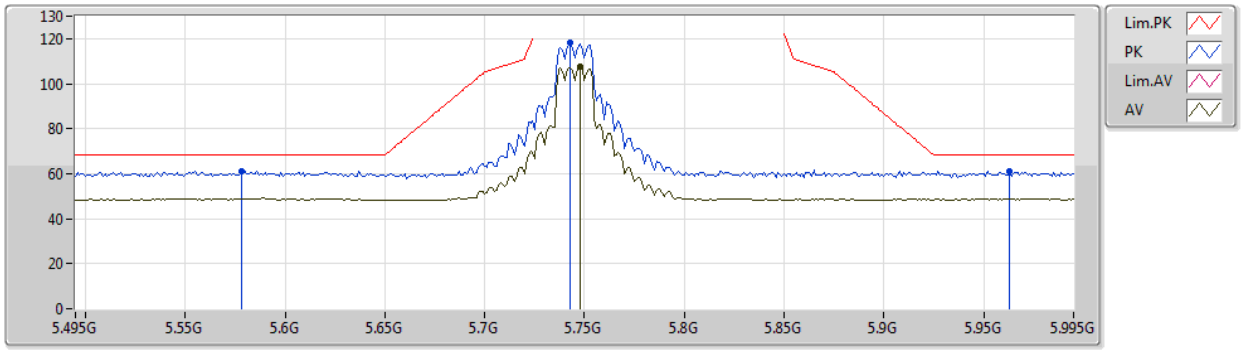
EUT Y_2TX
Setting 27.5
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.7202G	62.93	74.00	-11.07	17.13	3	Horizontal	220	1.50	-	45.80
AV	15.7189G	49.75	54.00	-4.25	17.13	3	Horizontal	220	1.50	-	32.62

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

19/07/2019



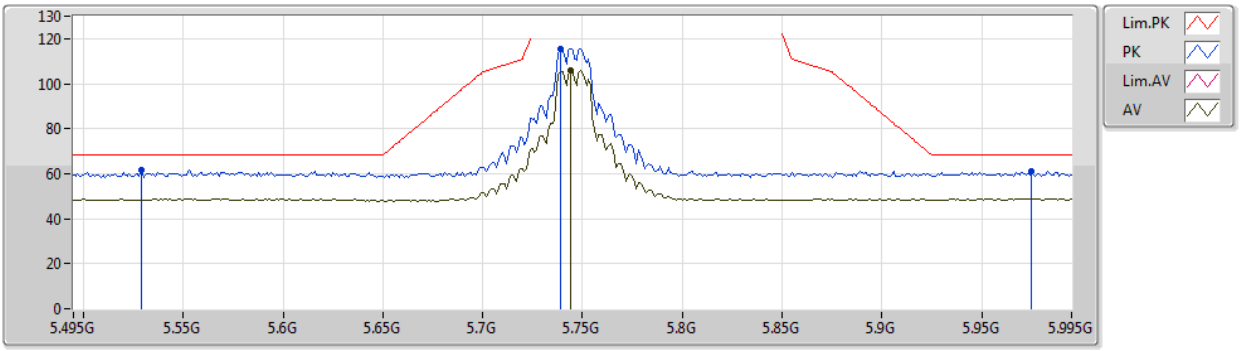
EUT Y_2TX
Setting 27.5
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.578G	61.34	68.20	-6.86	7.56	3	Vertical	167	1.50	-	53.78
PK	5.743G	118.14	Inf	-Inf	7.86	3	Vertical	167	1.50	-	110.28
AV	5.748G	107.50	Inf	-Inf	7.87	3	Vertical	167	1.50	-	99.63
PK	5.963G	61.28	68.20	-6.92	8.33	3	Vertical	167	1.50	-	52.95

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

19/07/2019



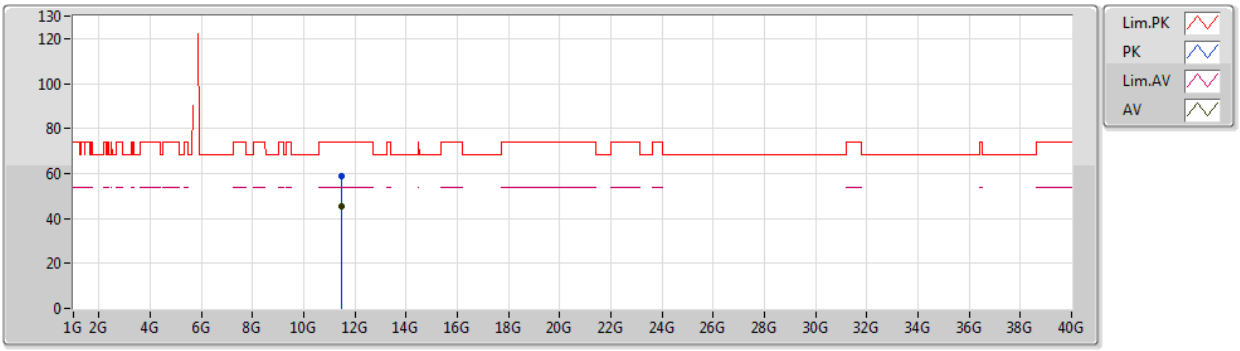
EUT Y_2TX
Setting 27.5
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.529G	61.42	68.20	-6.78	7.59	3	Horizontal	249	1.48	-	53.83
PK	5.739G	115.66	Inf	-Inf	7.84	3	Horizontal	249	1.48	-	107.82
AV	5.744G	105.80	Inf	-Inf	7.86	3	Horizontal	249	1.48	-	97.94
PK	5.975G	61.22	68.20	-6.98	8.36	3	Horizontal	249	1.48	-	52.86

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

19/07/2019



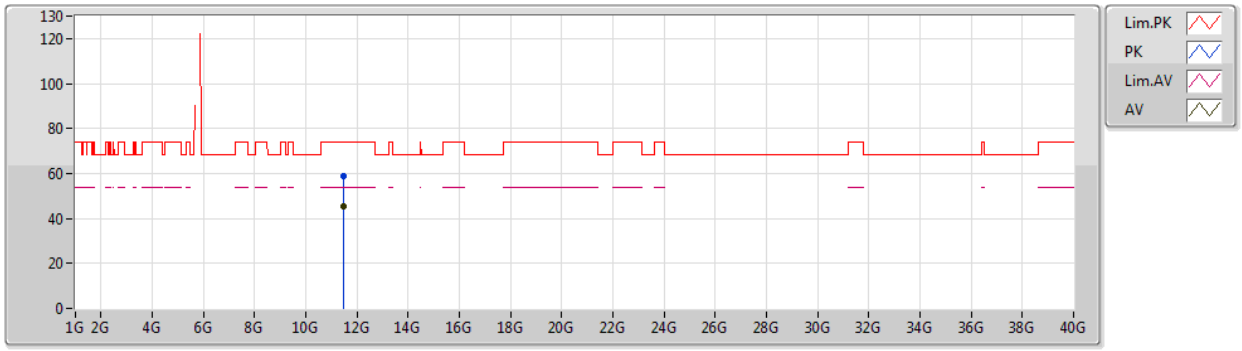
EUT Y_2TX
Setting 27.5
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.4709G	58.84	74.00	-15.16	16.63	3	Vertical	253	1.50	-	42.21
AV	11.4892G	45.17	54.00	-8.83	16.61	3	Vertical	253	1.50	-	28.56

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

19/07/2019



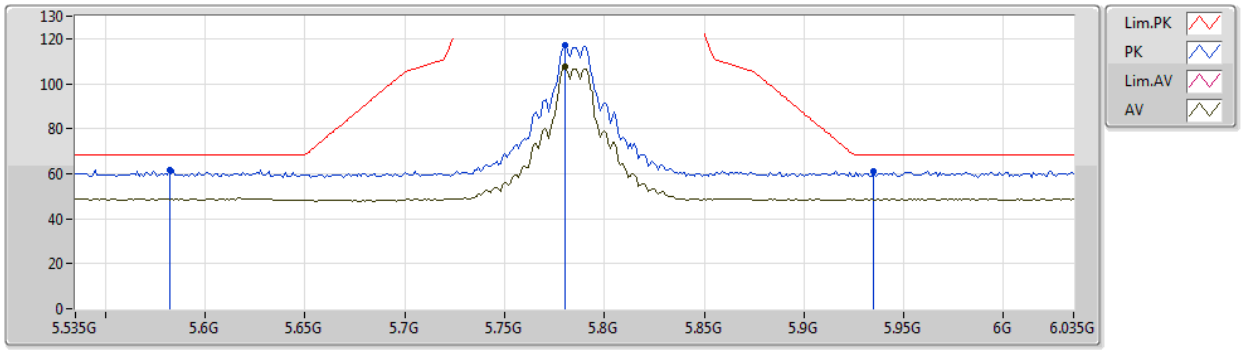
EUT Y_2TX
Setting 27.5
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.485G	58.99	74.00	-15.01	16.62	3	Horizontal	287	1.50	-	42.37
AV	11.4894G	45.25	54.00	-8.75	16.61	3	Horizontal	287	1.50	-	28.64

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

19/07/2019



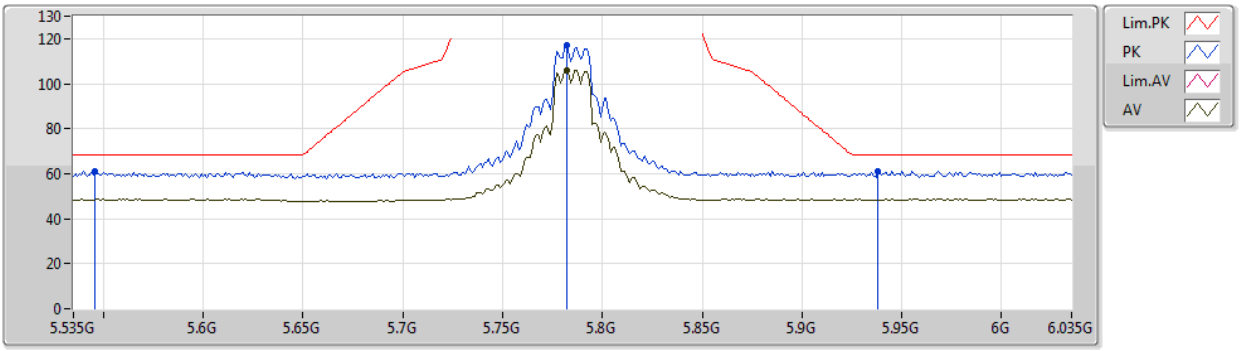
EUT Y_2TX
Setting 27.5
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.582G	61.71	68.20	-6.49	7.56	3	Vertical	169	1.60	-	54.15
PK	5.78G	116.97	Inf	-Inf	7.93	3	Vertical	169	1.60	-	109.04
AV	5.78G	107.34	Inf	-Inf	7.93	3	Vertical	169	1.60	-	99.41
PK	5.935G	61.17	68.20	-7.03	8.25	3	Vertical	169	1.60	-	52.92

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

19/07/2019



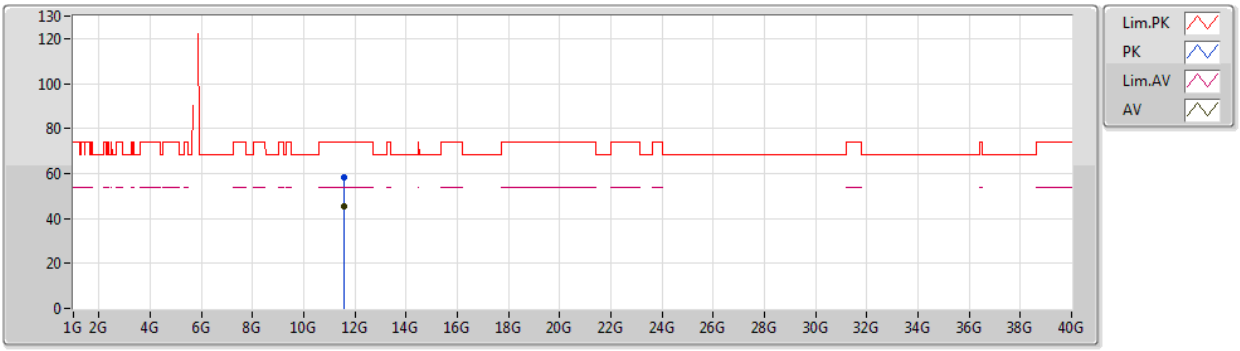
EUT Y_2TX
Setting 27.5
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.546G	60.97	68.20	-7.23	7.57	3	Horizontal	246	1.56	-	53.40
PK	5.782G	117.04	Inf	-Inf	7.93	3	Horizontal	246	1.56	-	109.11
AV	5.782G	106.18	Inf	-Inf	7.93	3	Horizontal	246	1.56	-	98.25
PK	5.938G	61.15	68.20	-7.05	8.26	3	Horizontal	246	1.56	-	52.89

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

19/07/2019



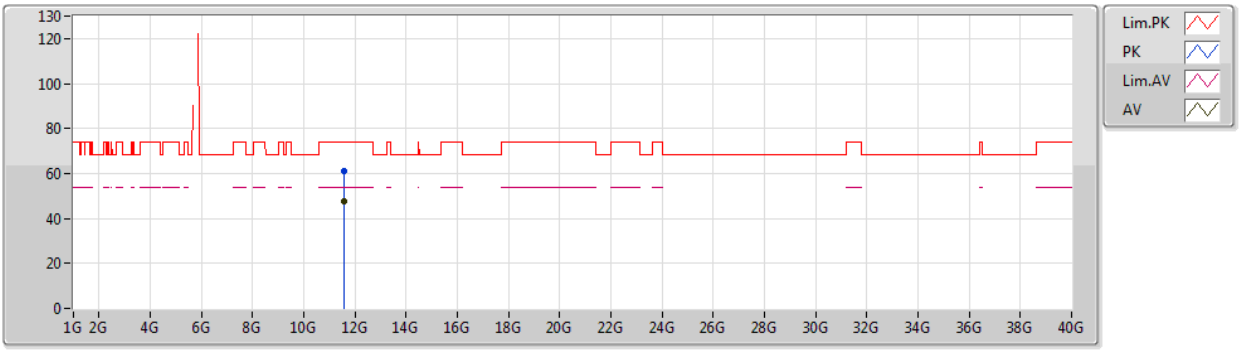
EUT Y_2TX
Setting 27.5
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.56478G	58.22	74.00	-15.78	16.55	3	Vertical	249	1.50	-	41.67
AV	11.57426G	45.30	54.00	-8.70	16.54	3	Vertical	249	1.50	-	28.76

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

19/07/2019



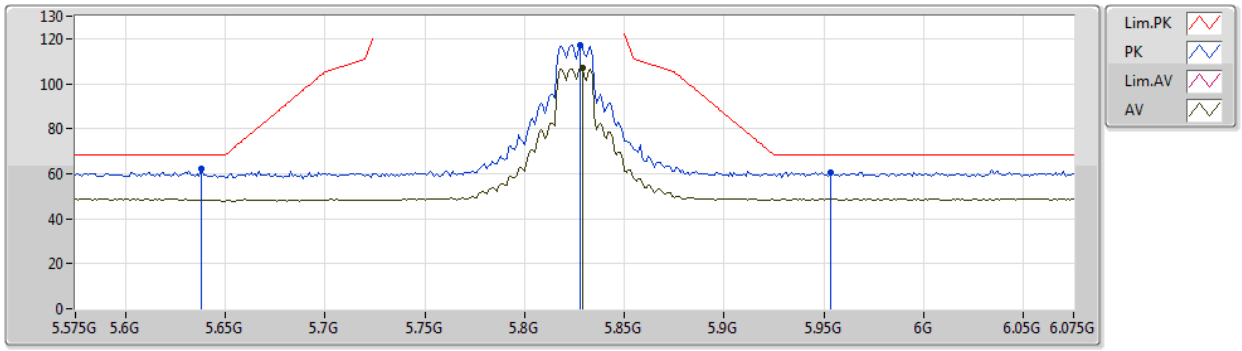
EUT Y_2TX
Setting 27.5
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.573G	61.06	74.00	-12.94	16.54	3	Horizontal	313	2.73	-	44.52
AV	11.573G	47.57	54.00	-6.43	16.54	3	Horizontal	313	2.73	-	31.03

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

19/07/2019



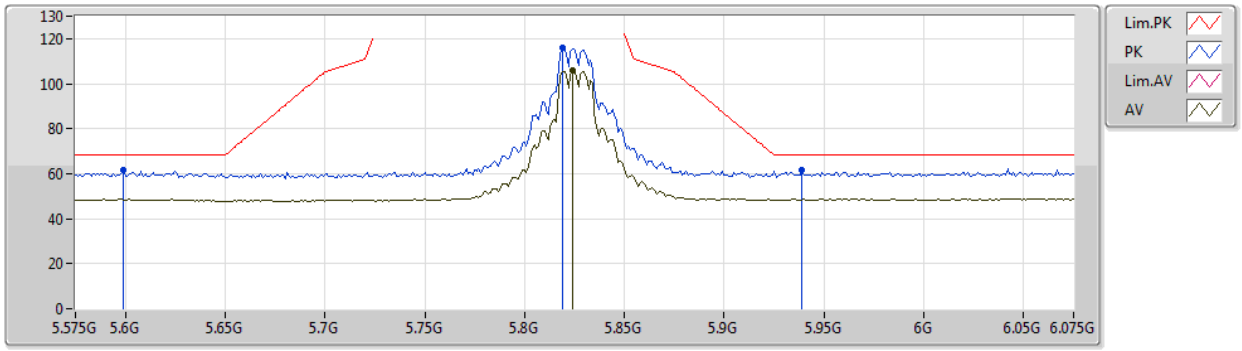
EUT Y_2TX
Setting 27.5
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.638G	61.94	68.20	-6.26	7.63	3	Vertical	182	1.50	-	54.31
PK	5.828G	117.37	Inf	-Inf	8.02	3	Vertical	182	1.50	-	109.35
AV	5.829G	107.21	Inf	-Inf	8.02	3	Vertical	182	1.50	-	99.19
PK	5.953G	60.79	68.20	-7.41	8.30	3	Vertical	182	1.50	-	52.49

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

19/07/2019



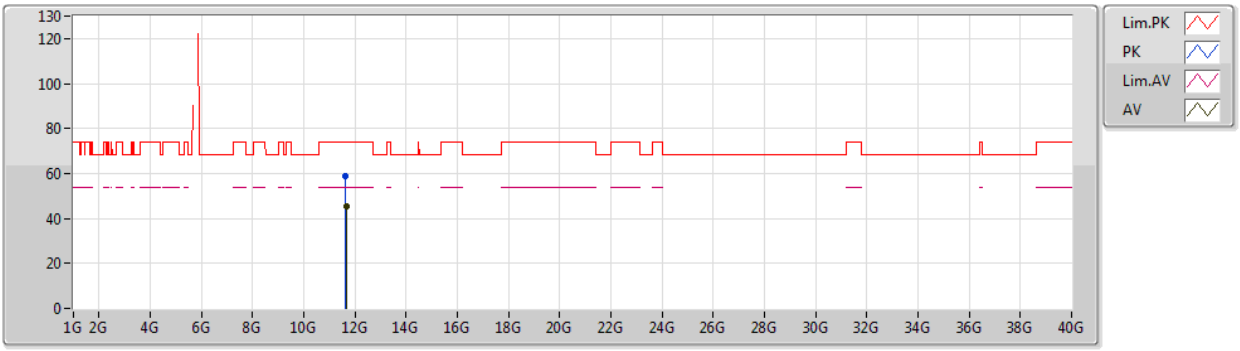
EUT Y_2TX
Setting 27.5
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.599G	61.69	68.20	-6.51	7.55	3	Horizontal	245	1.50	-	54.14
PK	5.819G	115.92	Inf	-Inf	8.00	3	Horizontal	245	1.50	-	107.92
AV	5.824G	105.78	Inf	-Inf	8.01	3	Horizontal	245	1.50	-	97.77
PK	5.939G	61.39	68.20	-6.81	8.26	3	Horizontal	245	1.50	-	53.13

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

19/07/2019



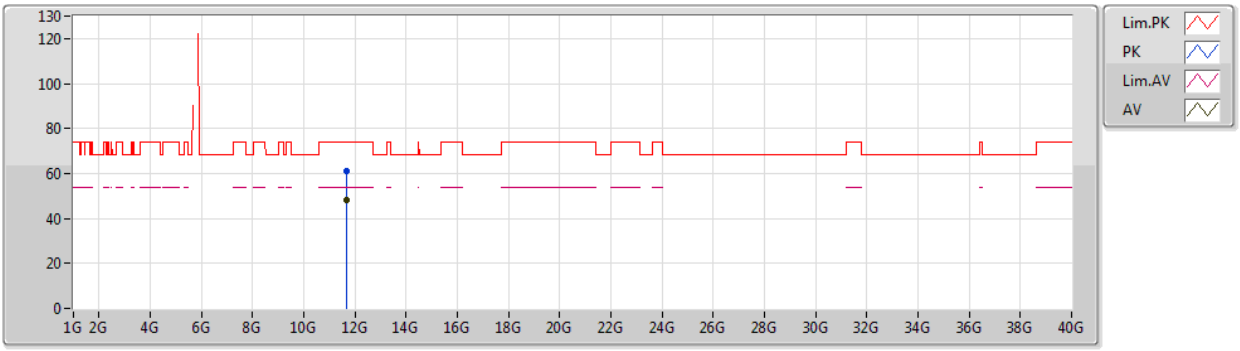
EUT Y_2TX
Setting 27.5
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.64376G	59.11	74.00	-14.89	16.47	3	Vertical	250	2.20	-	42.64
AV	11.64904G	45.66	54.00	-8.34	16.47	3	Vertical	250	2.20	-	29.19

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

19/07/2019



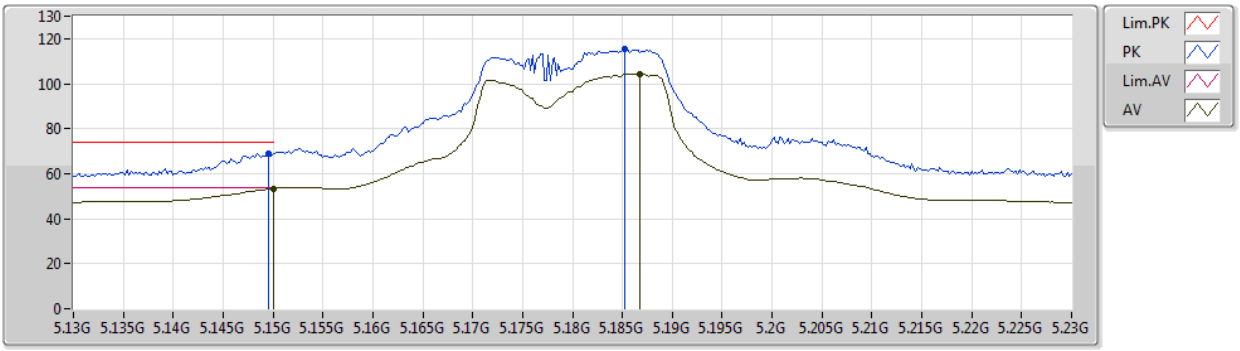
EUT Y_2TX
Setting 27.5
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.64862G	61.30	74.00	-12.70	16.47	3	Horizontal	315	2.71	-	44.83
AV	11.65258G	48.29	54.00	-5.71	16.47	3	Horizontal	315	2.71	-	31.82

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

19/07/2019



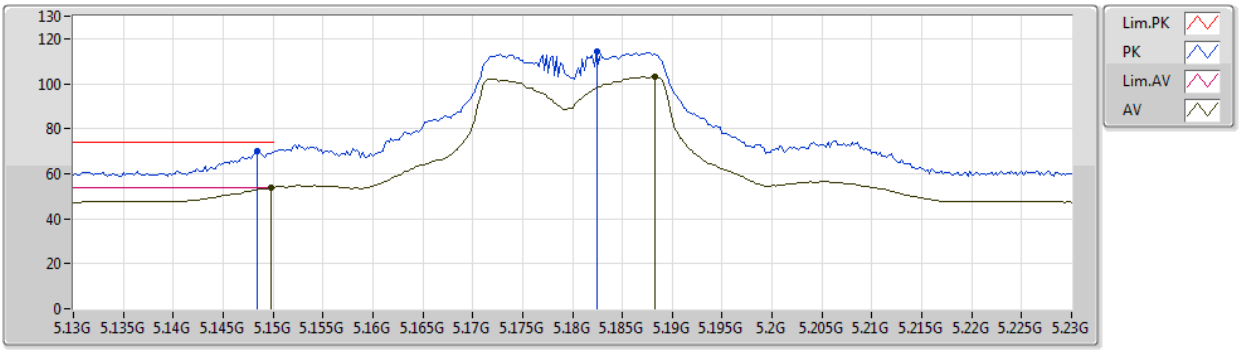
EUT Y_2TX
Setting 22.5
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1496G	69.18	74.00	-4.82	7.33	3	Vertical	356	1.67	-	61.85
AV	5.15G	53.43	54.00	-0.57	7.33	3	Vertical	356	1.67	-	46.10
PK	5.1852G	115.30	Inf	-Inf	7.28	3	Vertical	356	1.67	-	108.02
AV	5.1868G	104.17	Inf	-Inf	7.28	3	Vertical	356	1.67	-	96.89

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

19/07/2019



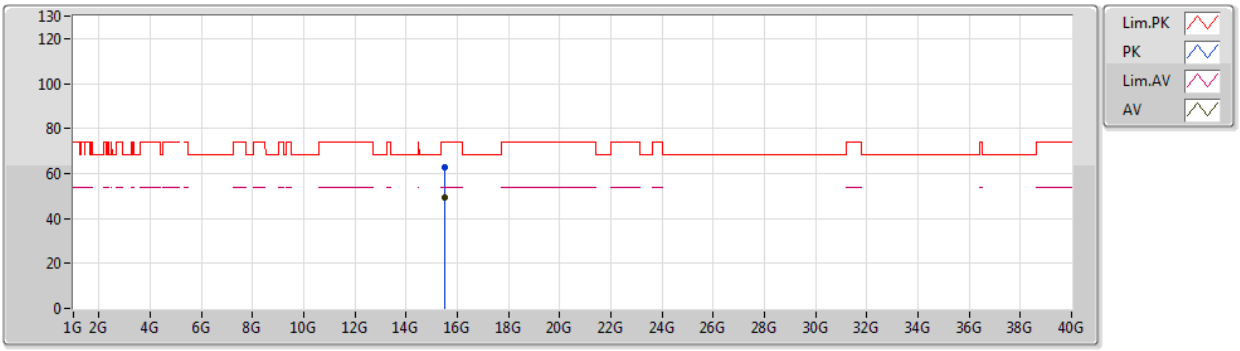
EUT Y_2TX
Setting 22.5
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1484G	69.87	74.00	-4.13	7.33	3	Horizontal	261	1.56	-	62.54
AV	5.1498G	53.88	54.00	-0.12	7.33	3	Horizontal	261	1.56	-	46.55
PK	5.1824G	114.20	Inf	-Inf	7.28	3	Horizontal	261	1.56	-	106.92
AV	5.1882G	103.14	Inf	-Inf	7.27	3	Horizontal	261	1.56	-	95.87

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

19/07/2019



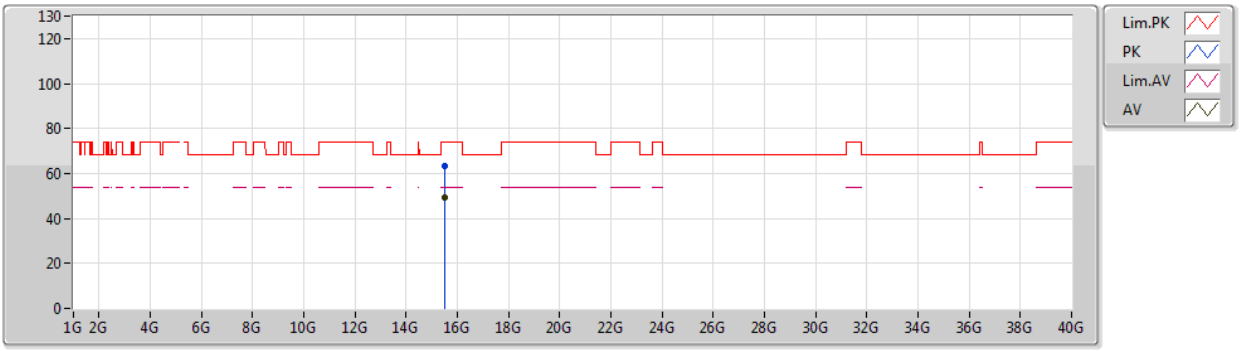
EUT Y_2TX
Setting 22.5
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.53064G	63.01	74.00	-10.99	18.09	3	Vertical	226	2.99	-	44.92
AV	15.5301G	49.19	54.00	-4.81	18.09	3	Vertical	226	2.99	-	31.10

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

19/07/2019



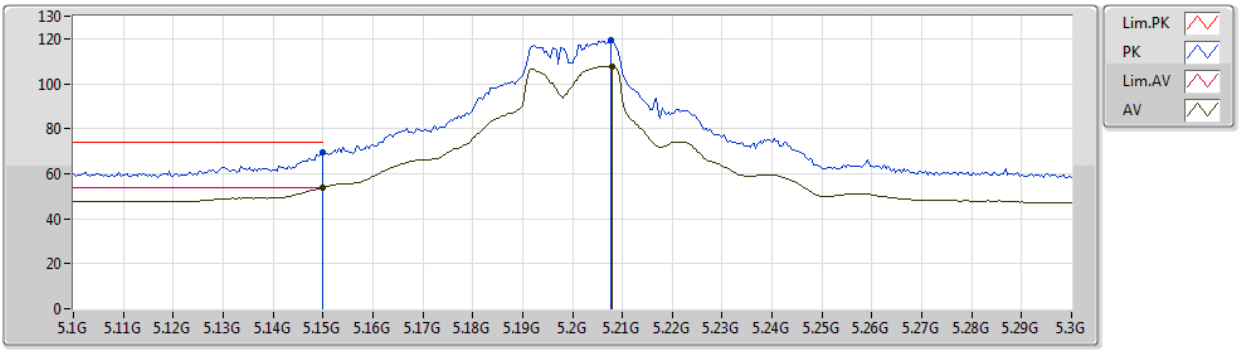
EUT Y_2TX
Setting 22.5
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.5208G	63.48	74.00	-10.52	18.14	3	Horizontal	85	1.50	-	45.34
AV	15.5186G	49.55	54.00	-4.45	18.14	3	Horizontal	85	1.50	-	31.41

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

19/07/2019



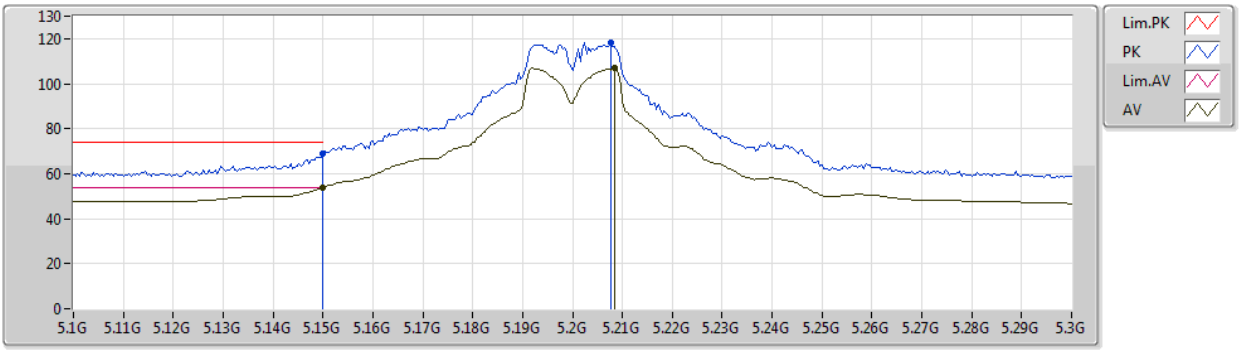
EUT Y_2TX
Setting 26.5
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.15G	69.66	74.00	-4.34	7.33	3	Vertical	355	1.64	-	62.33
AV	5.15G	53.90	54.00	-0.10	7.33	3	Vertical	355	1.64	-	46.57
PK	5.2076G	119.33	Inf	-Inf	7.23	3	Vertical	355	1.64	-	112.10
AV	5.208G	107.75	Inf	-Inf	7.23	3	Vertical	355	1.64	-	100.52

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

19/07/2019



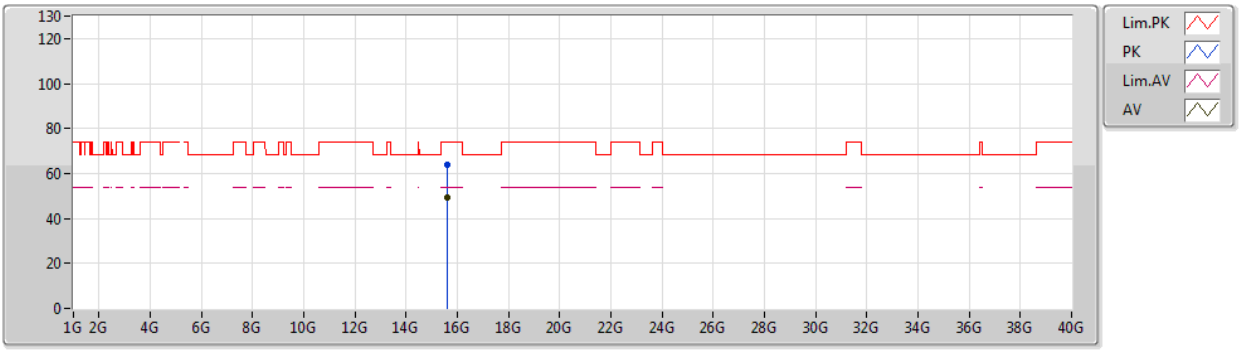
EUT Y_2TX
Setting 26.5
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.15G	68.94	74.00	-5.06	7.33	3	Horizontal	260	1.77	-	61.61
AV	5.15G	53.83	54.00	-0.17	7.33	3	Horizontal	260	1.77	-	46.50
PK	5.2076G	117.99	Inf	-Inf	7.23	3	Horizontal	260	1.77	-	110.76
AV	5.2084G	106.98	Inf	-Inf	7.24	3	Horizontal	260	1.77	-	99.74

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

19/07/2019



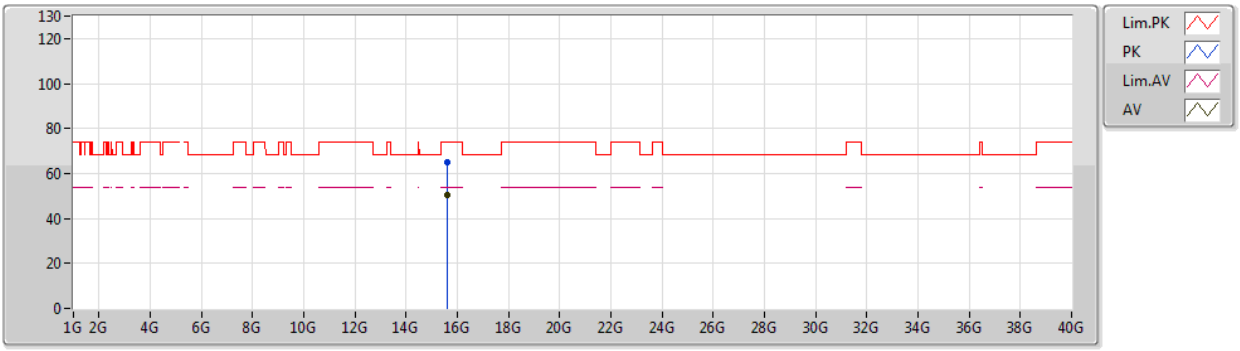
EUT Y_2TX
Setting 26.5
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.5931G	63.64	74.00	-10.36	17.86	3	Vertical	49	1.50	-	45.78
AV	15.6011G	49.52	54.00	-4.48	17.83	3	Vertical	49	1.50	-	31.69

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

19/07/2019



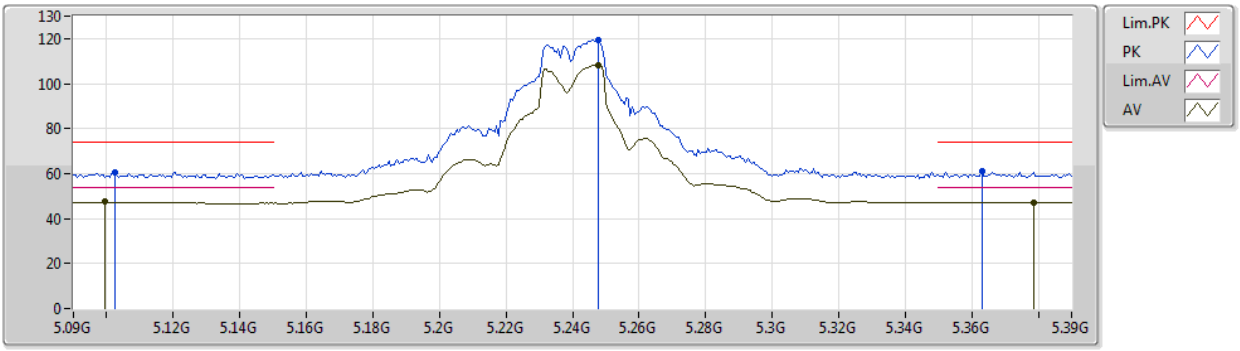
EUT Y_2TX
Setting 26.5
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.6069G	65.25	74.00	-8.75	17.81	3	Horizontal	316	1.85	-	47.44
AV	15.5903G	50.50	54.00	-3.50	17.87	3	Horizontal	316	1.85	-	32.63

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

13/08/2019



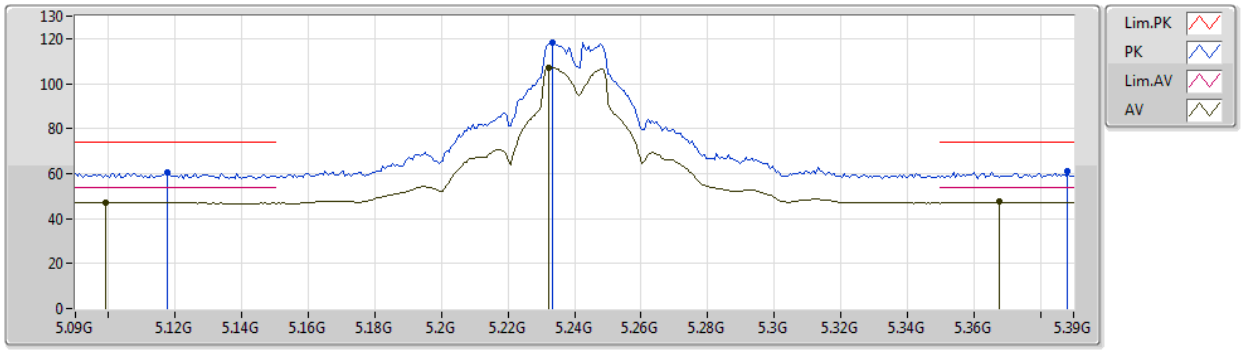
EUT Y_2TX
Setting 27.5
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1026G	60.43	74.00	-13.57	7.40	3	Vertical	355	1.64	-	53.03
AV	5.0996G	47.42	54.00	-6.58	7.41	3	Vertical	355	1.64	-	40.01
PK	5.2478G	119.58	Inf	-Inf	7.16	3	Vertical	355	1.64	-	112.42
AV	5.2478G	108.15	Inf	-Inf	7.16	3	Vertical	355	1.64	-	100.99
PK	5.363G	60.97	74.00	-13.03	7.26	3	Vertical	355	1.64	-	53.71
AV	5.3786G	47.32	54.00	-6.68	7.31	3	Vertical	355	1.64	-	40.01

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

13/08/2019



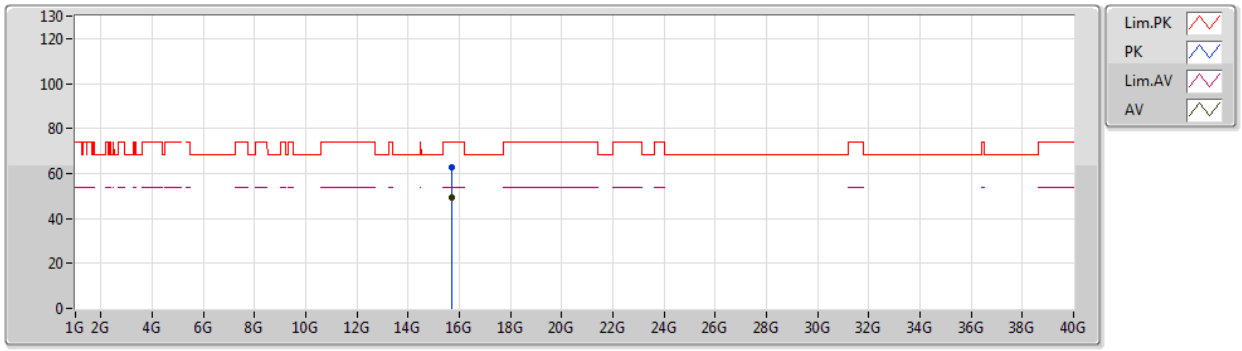
EUT Y_2TX
Setting 27.5
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1176G	60.32	74.00	-13.68	7.38	3	Horizontal	258	1.53	-	52.94
AV	5.099G	47.31	54.00	-6.69	7.41	3	Horizontal	258	1.53	-	39.90
PK	5.2334G	118.18	Inf	-Inf	7.18	3	Horizontal	258	1.53	-	111.00
AV	5.2322G	107.21	Inf	-Inf	7.19	3	Horizontal	258	1.53	-	100.02
PK	5.3882G	60.85	74.00	-13.15	7.33	3	Horizontal	258	1.53	-	53.52
AV	5.3678G	47.37	54.00	-6.63	7.27	3	Horizontal	258	1.53	-	40.10

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

13/08/2019



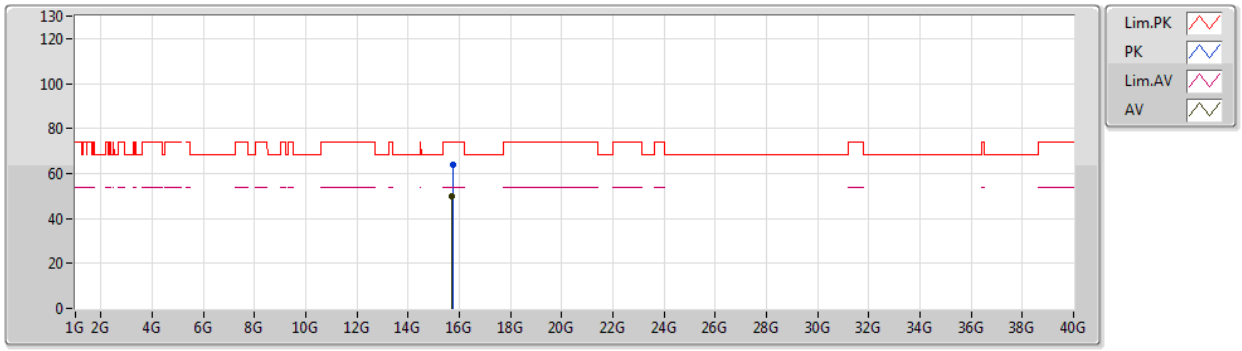
EUT Y_2TX
Setting 27.5
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.7094G	63.02	74.00	-10.98	17.43	3	Vertical	238	1.50	-	45.59
AV	15.725G	49.42	54.00	-4.58	17.38	3	Vertical	238	1.50	-	32.04

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

13/08/2019



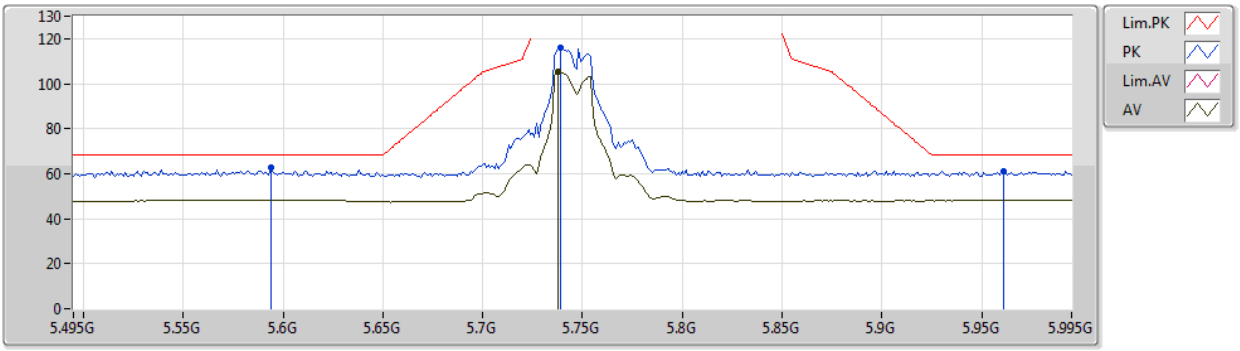
EUT Y_2TX
Setting 27.5
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.7336G	64.10	74.00	-9.90	17.35	3	Horizontal	199	2.58	-	46.75
AV	15.7267G	49.61	54.00	-4.39	17.37	3	Horizontal	199	2.58	-	32.24

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

19/07/2019



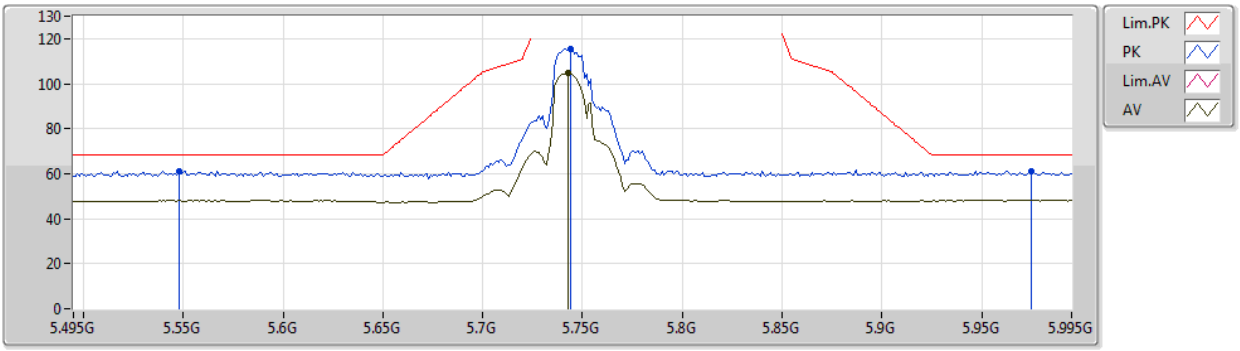
EUT Y_2TX
Setting 27.5
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.594G	62.50	68.20	-5.70	7.55	3	Vertical	188	1.50	-	54.95
PK	5.739G	115.88	Inf	-Inf	7.84	3	Vertical	188	1.50	-	108.04
AV	5.738G	105.20	Inf	-Inf	7.84	3	Vertical	188	1.50	-	97.36
PK	5.961G	60.91	68.20	-7.29	8.32	3	Vertical	188	1.50	-	52.59

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

19/07/2019



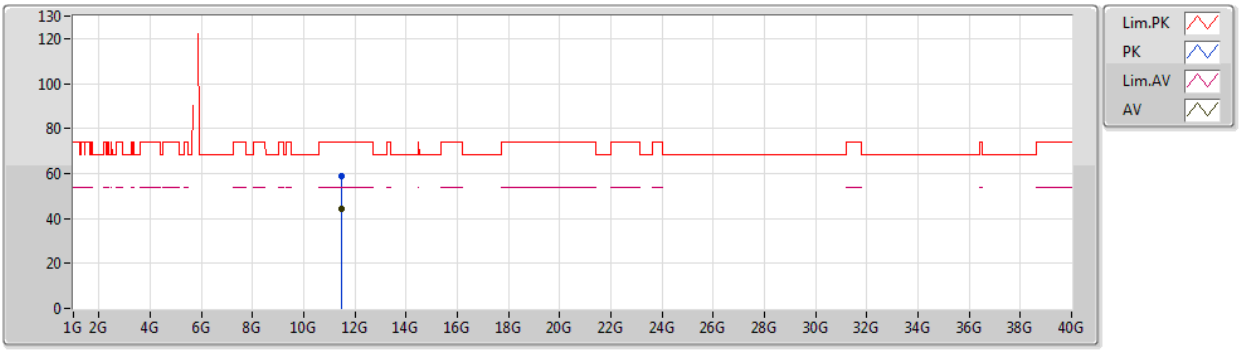
EUT Y_2TX
Setting 27.5
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.548G	61.32	68.20	-6.88	7.57	3	Horizontal	247	1.53	-	53.75
PK	5.744G	115.54	Inf	-Inf	7.86	3	Horizontal	247	1.53	-	107.68
AV	5.743G	105.06	Inf	-Inf	7.86	3	Horizontal	247	1.53	-	97.20
PK	5.975G	61.28	68.20	-6.92	8.36	3	Horizontal	247	1.53	-	52.92

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

19/07/2019



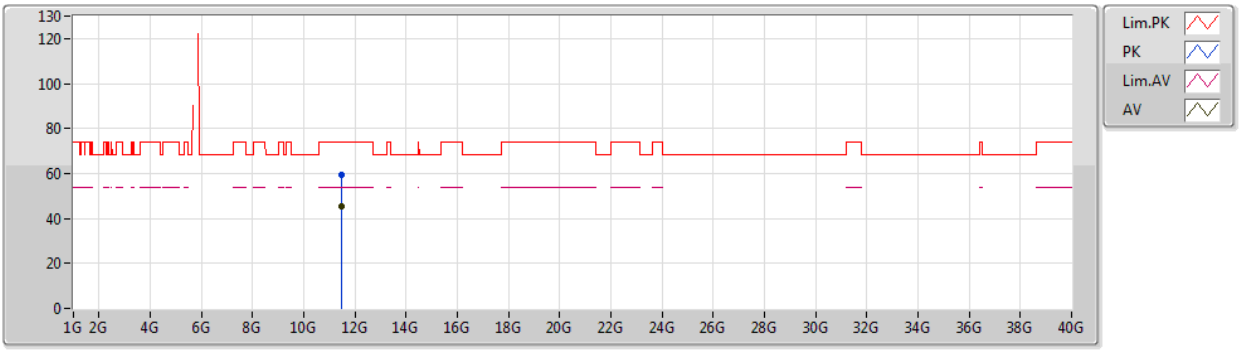
EUT Y_2TX
Setting 27.5
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.48646G	58.72	74.00	-15.28	16.61	3	Vertical	255	1.72	-	42.11
AV	11.48868G	44.50	54.00	-9.50	16.61	3	Vertical	255	1.72	-	27.89

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

19/07/2019



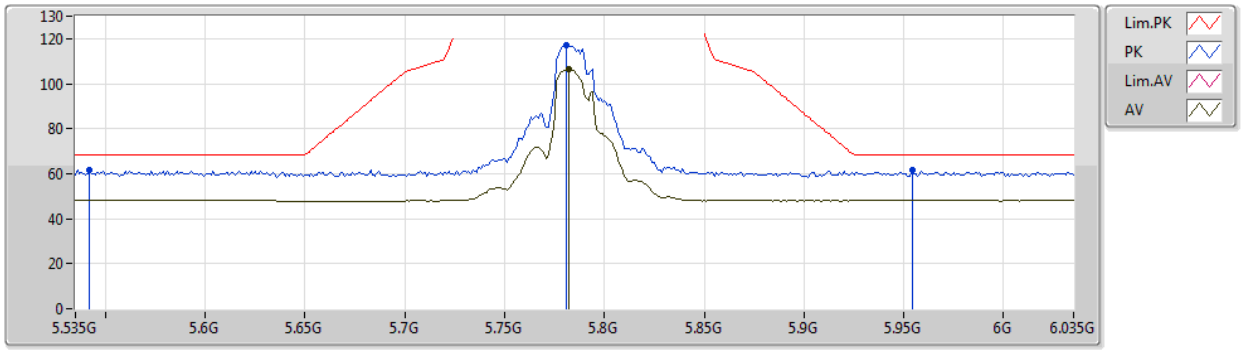
EUT Y_2TX
Setting 27.5
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.48574G	59.34	74.00	-14.66	16.62	3	Horizontal	313	2.38	-	42.72
AV	11.48646G	45.38	54.00	-8.62	16.61	3	Horizontal	313	2.38	-	28.77

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

19/07/2019



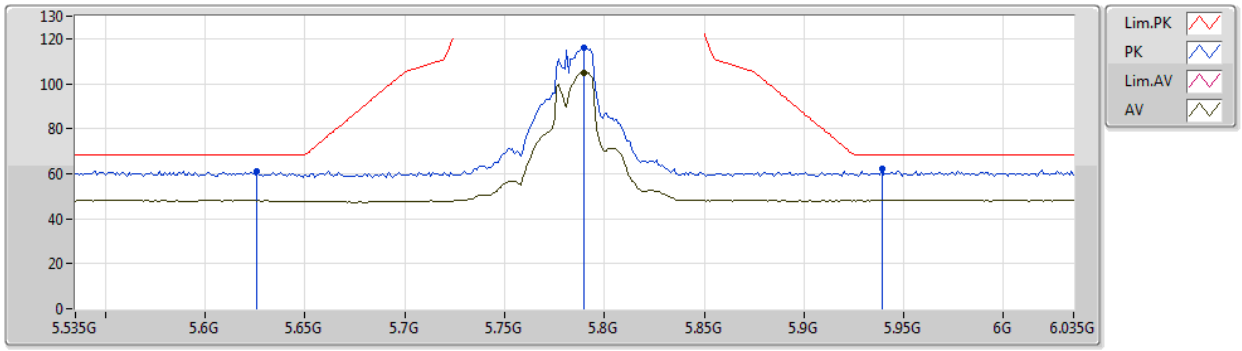
EUT Y_2TX
Setting 27.5
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.542G	61.79	68.20	-6.41	7.58	3	Vertical	154	1.67	-	54.21
PK	5.781G	117.05	Inf	-Inf	7.93	3	Vertical	154	1.67	-	109.12
AV	5.782G	106.37	Inf	-Inf	7.93	3	Vertical	154	1.67	-	98.44
PK	5.954G	61.85	68.20	-6.35	8.30	3	Vertical	154	1.67	-	53.55

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

19/07/2019



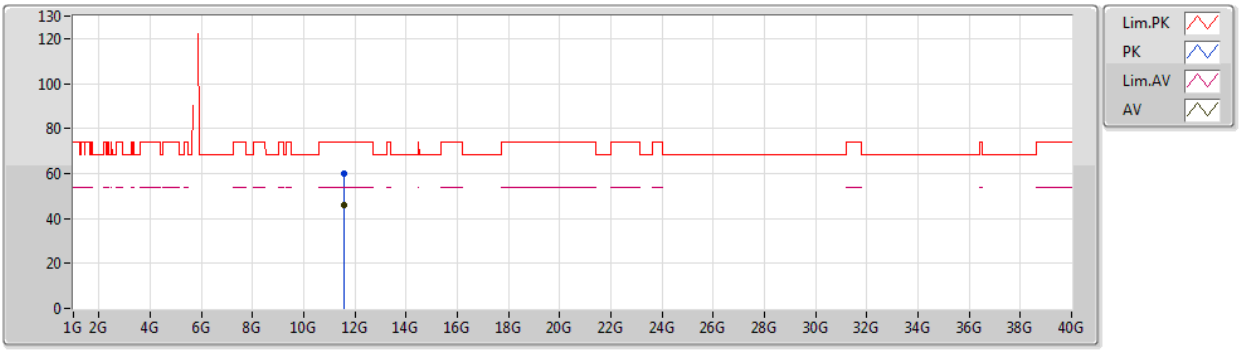
EUT Y_2TX
Setting 27.5
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.626G	61.15	68.20	-7.05	7.60	3	Horizontal	249	1.49	-	53.55
PK	5.79G	115.97	Inf	-Inf	7.94	3	Horizontal	249	1.49	-	108.03
AV	5.79G	105.05	Inf	-Inf	7.94	3	Horizontal	249	1.49	-	97.11
PK	5.939G	62.02	68.20	-6.18	8.26	3	Horizontal	249	1.49	-	53.76

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

19/07/2019



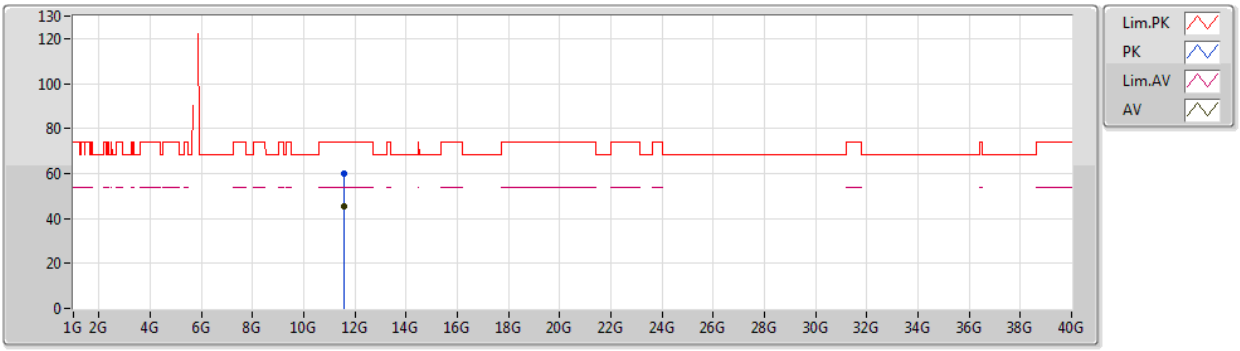
EUT Y_2TX
Setting 27.5
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.56448G	60.13	74.00	-13.87	16.55	3	Vertical	309	2.34	-	43.58
AV	11.56274G	45.69	54.00	-8.31	16.55	3	Vertical	309	2.34	-	29.14

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

19/07/2019



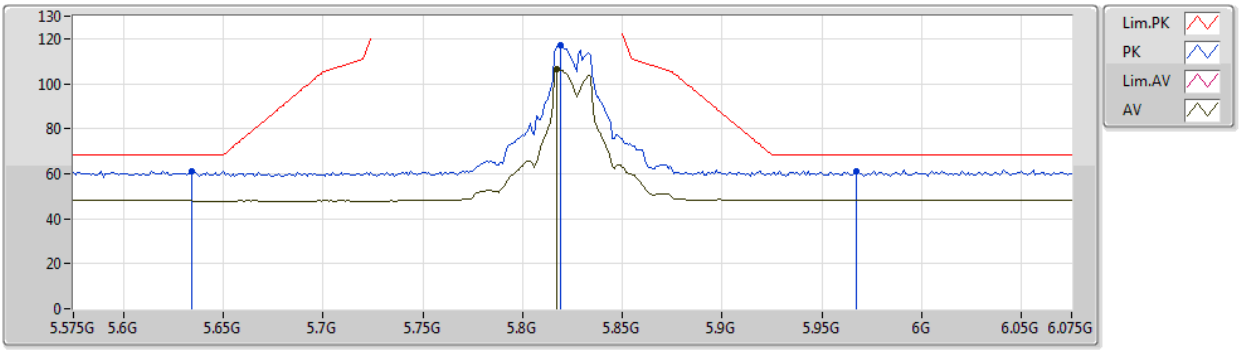
EUT Y_2TX
Setting 27.5
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.56412G	59.75	74.00	-14.25	16.55	3	Horizontal	316	2.35	-	43.20
AV	11.56244G	45.57	54.00	-8.43	16.55	3	Horizontal	316	2.35	-	29.02

802.11ac VHT20_Nss1,(MCS0)_2TX

19/07/2019

5825MHz_TX



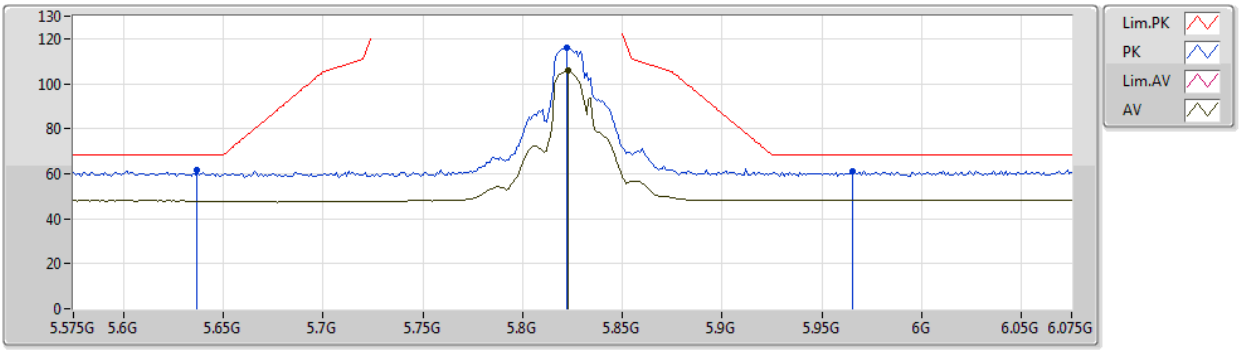
EUT Y_2TX
Setting 27.5
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.634G	61.35	68.20	-6.85	7.63	3	Vertical	186	1.47	-	53.72
PK	5.819G	117.12	Inf	-Inf	8.00	3	Vertical	186	1.47	-	109.12
AV	5.817G	106.19	Inf	-Inf	8.00	3	Vertical	186	1.47	-	98.19
PK	5.967G	61.16	68.20	-7.04	8.33	3	Vertical	186	1.47	-	52.83

802.11ac VHT20_Nss1,(MCS0)_2TX

19/07/2019

5825MHz_TX



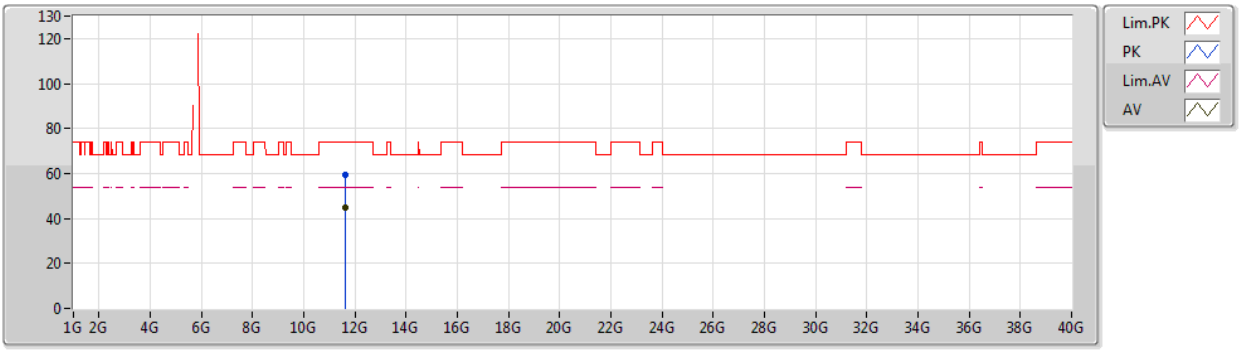
EUT Y_2TX
Setting 27.5
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.637G	61.66	68.20	-6.54	7.63	3	Horizontal	245	1.52	-	54.03
PK	5.822G	116.11	Inf	-Inf	8.01	3	Horizontal	245	1.52	-	108.10
AV	5.823G	105.66	Inf	-Inf	8.01	3	Horizontal	245	1.52	-	97.65
PK	5.965G	61.06	68.20	-7.14	8.33	3	Horizontal	245	1.52	-	52.73

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

19/07/2019



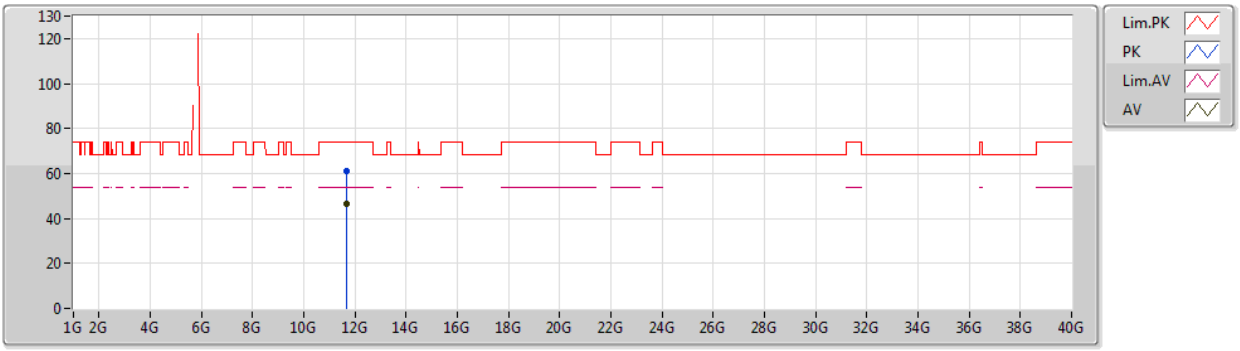
EUT Y_2TX
Setting 27.5
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.64484G	59.16	74.00	-14.84	16.47	3	Vertical	251	1.97	-	42.69
AV	11.64712G	45.01	54.00	-8.99	16.47	3	Vertical	251	1.97	-	28.54

802.11ac VHT20_Nss1,(MCS0)_2TX

19/07/2019

5825MHz_TX



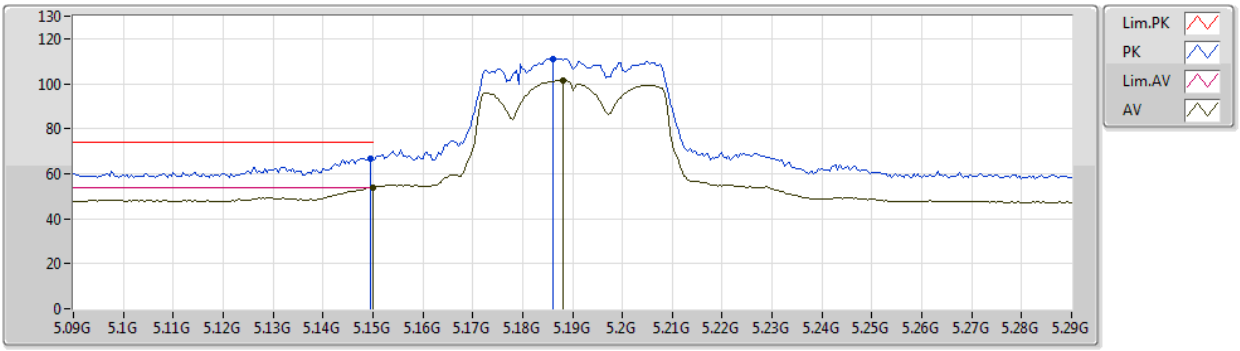
EUT Y_2TX
Setting 27.5
06-K-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.65048G	60.82	74.00	-13.18	16.47	3	Horizontal	311	2.71	-	44.35
AV	11.6596G	46.59	54.00	-7.41	16.46	3	Horizontal	311	2.71	-	30.13

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

19/07/2019



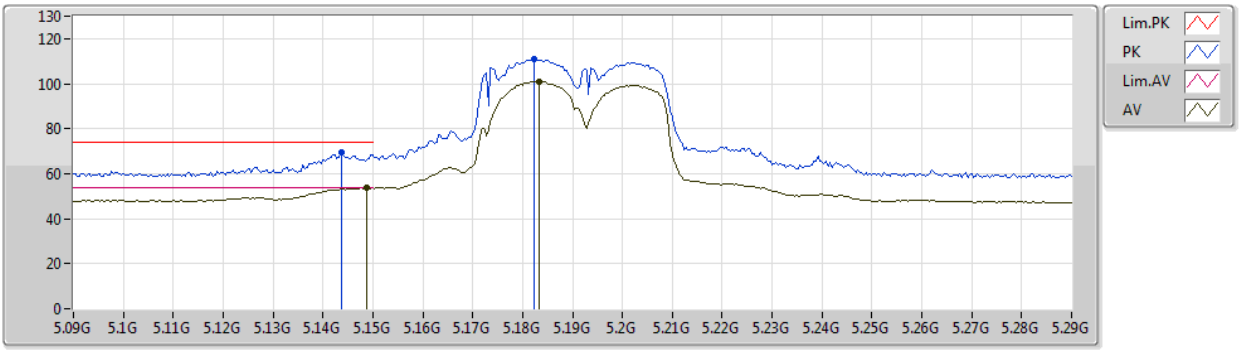
EUT Y_2TX
Setting 20.5
06-K-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1496G	66.60	74.00	-7.40	7.33	3	Vertical	356	1.63	-	59.27
AV	5.15G	53.94	54.00	-0.06	7.33	3	Vertical	356	1.63	-	46.61
PK	5.186G	111.12	Inf	-Inf	7.28	3	Vertical	356	1.63	-	103.84
AV	5.188G	101.61	Inf	-Inf	7.27	3	Vertical	356	1.63	-	94.34

802.11ac VHT40_Nss1,(MCS0)_2TX

19/07/2019

5190MHz_TX



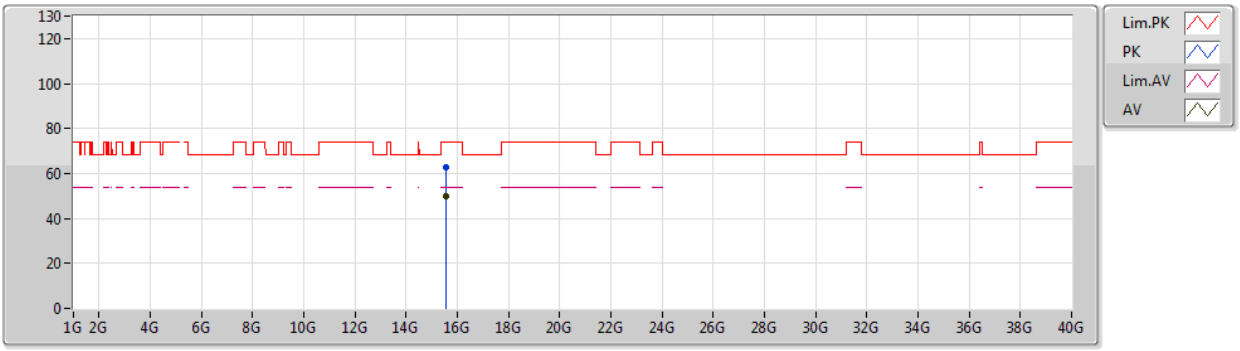
EUT Y_2TX
Setting 20.5
06-S-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1436G	69.39	74.00	-4.61	7.34	3	Horizontal	246	2.47	-	62.05
AV	5.1488G	53.85	54.00	-0.15	7.33	3	Horizontal	246	2.47	-	46.52
PK	5.1824G	110.83	Inf	-Inf	7.28	3	Horizontal	246	2.47	-	103.55
AV	5.1832G	101.08	Inf	-Inf	7.27	3	Horizontal	246	2.47	-	93.81

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

19/07/2019



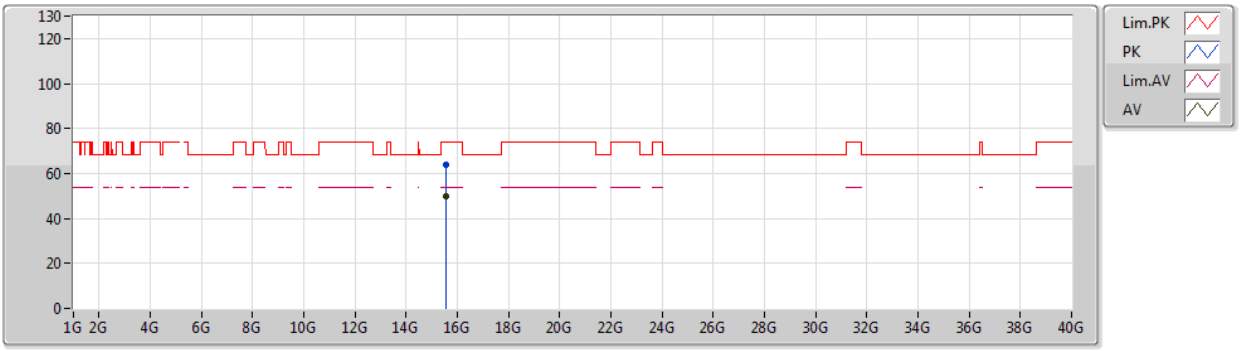
EUT Y_2TX
Setting 20.5
06-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.56892G	62.77	74.00	-11.23	17.95	3	Vertical	223	1.73	-	44.82
AV	15.57436G	49.77	54.00	-4.23	17.93	3	Vertical	223	1.73	-	31.84

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

19/07/2019



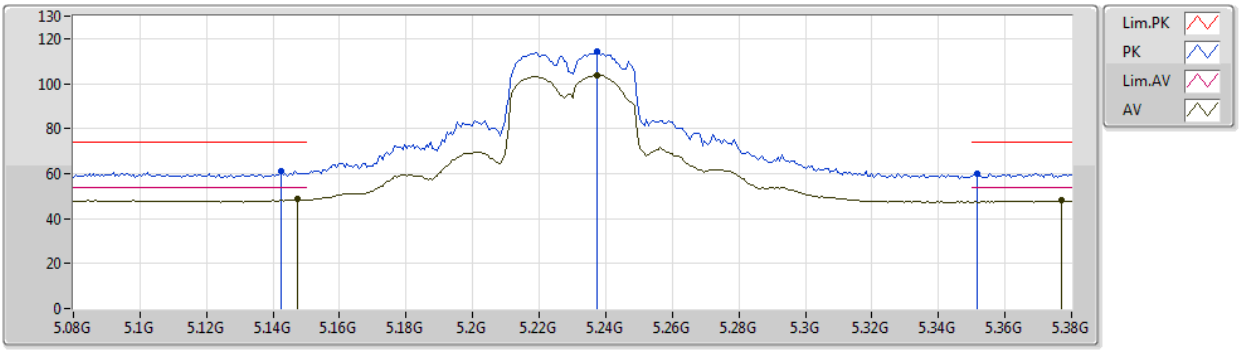
EUT Y_2TX
Setting 20.5
06-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.56998G	63.99	74.00	-10.01	17.95	3	Horizontal	118	1.50	-	46.04
AV	15.56974G	49.94	54.00	-4.06	17.95	3	Horizontal	118	1.50	-	31.99

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

19/07/2019



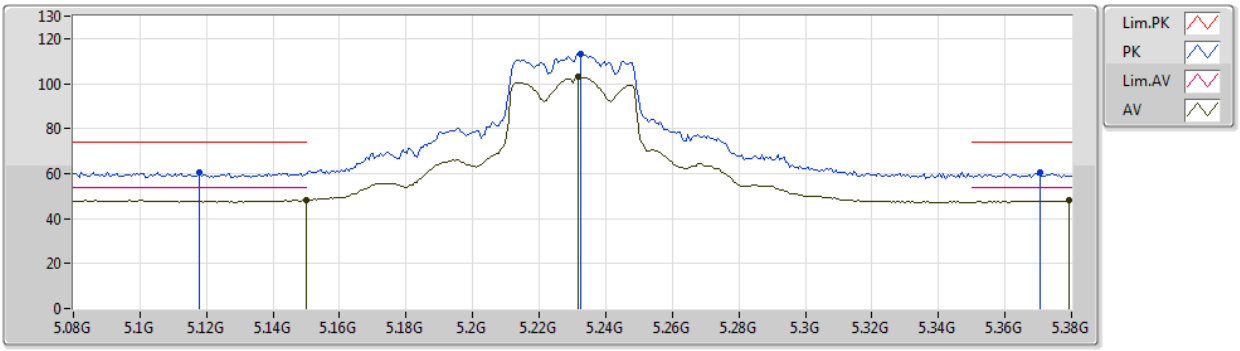
EUT Y_2TX
Setting 24
06-S-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1424G	61.11	74.00	-12.89	7.35	3	Vertical	356	1.62	-	53.76
AV	5.1472G	48.58	54.00	-5.42	7.34	3	Vertical	356	1.62	-	41.24
PK	5.2372G	114.09	Inf	-Inf	7.18	3	Vertical	356	1.62	-	106.91
AV	5.2372G	103.59	Inf	-Inf	7.18	3	Vertical	356	1.62	-	96.41
PK	5.3518G	60.11	74.00	-13.89	7.22	3	Vertical	356	1.62	-	52.89
AV	5.377G	47.91	54.00	-6.09	7.30	3	Vertical	356	1.62	-	40.61

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

19/07/2019



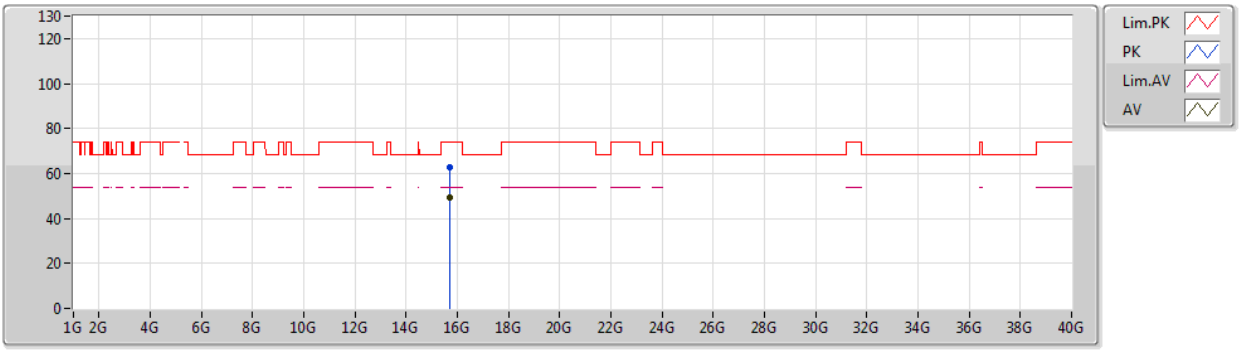
EUT Y_2TX
Setting 24
06-S-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1178G	60.78	74.00	-13.22	7.38	3	Horizontal	256	1.63	-	53.40
AV	5.15G	48.12	54.00	-5.88	7.33	3	Horizontal	256	1.63	-	40.79
PK	5.2324G	113.28	Inf	-Inf	7.19	3	Horizontal	256	1.63	-	106.09
AV	5.2318G	103.24	Inf	-Inf	7.19	3	Horizontal	256	1.63	-	96.05
PK	5.3704G	60.34	74.00	-13.66	7.27	3	Horizontal	256	1.63	-	53.07
AV	5.3794G	47.94	54.00	-6.06	7.31	3	Horizontal	256	1.63	-	40.63

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

19/07/2019



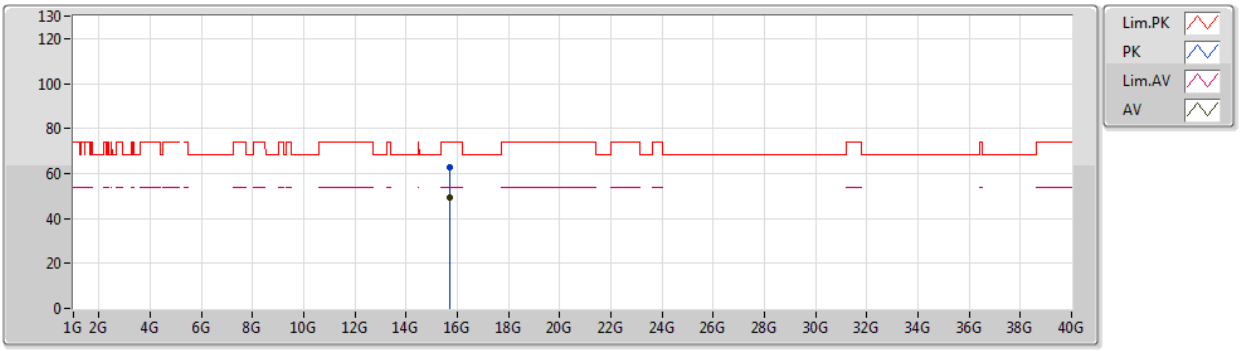
EUT Y_2TX
Setting 24
06-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.68838G	62.96	74.00	-11.04	17.52	3	Vertical	137	1.50	-	45.44
AV	15.68802G	49.08	54.00	-4.92	17.52	3	Vertical	137	1.50	-	31.56

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

19/07/2019



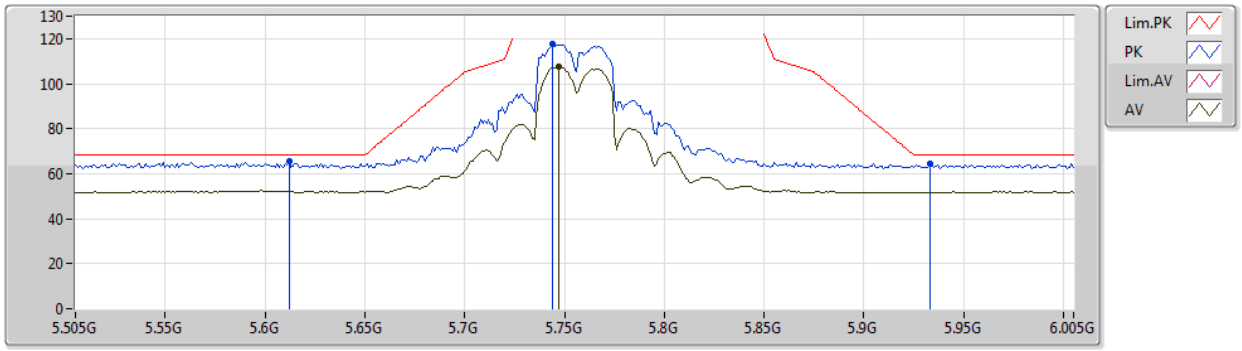
EUT Y_2TX
Setting 24
06-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.68916G	62.56	74.00	-11.44	17.51	3	Horizontal	191	1.50	-	45.05
AV	15.69106G	49.11	54.00	-4.89	17.51	3	Horizontal	191	1.50	-	31.60

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

19/07/2019



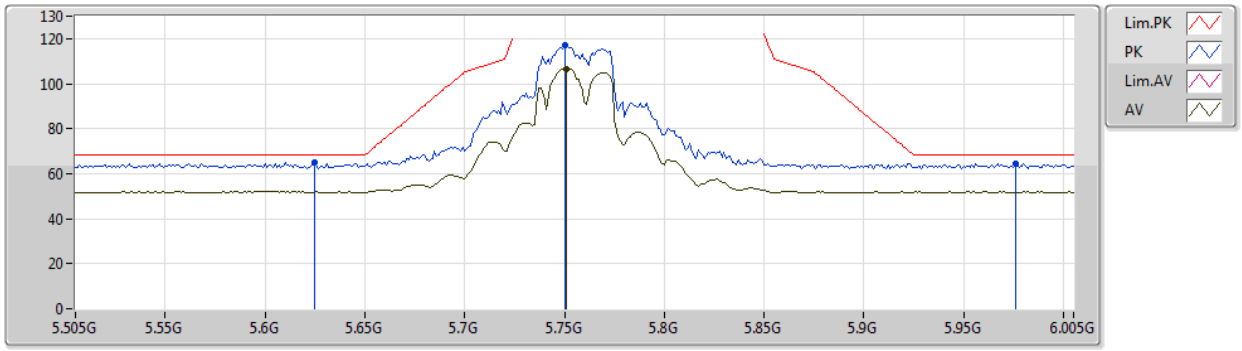
EUT Y_2TX
Setting 27.5
06-L-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.612G	65.42	68.20	-2.78	7.58	3	Vertical	180	1.50	-	57.84
PK	5.744G	117.40	Inf	-Inf	7.86	3	Vertical	180	1.50	-	109.54
AV	5.747G	107.74	Inf	-Inf	7.86	3	Vertical	180	1.50	-	99.88
PK	5.933G	64.43	68.20	-3.77	8.25	3	Vertical	180	1.50	-	56.18

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

19/07/2019



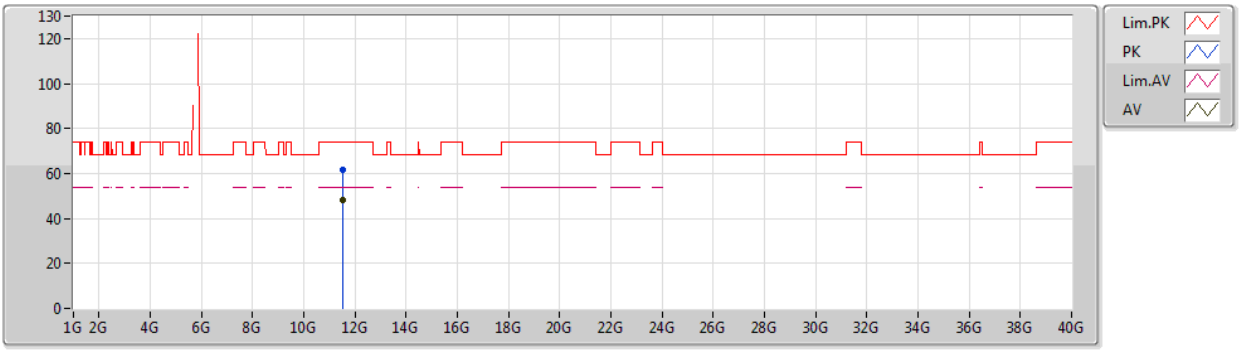
EUT Y_2TX
Setting 27.5
06-L-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.625G	64.99	68.20	-3.21	7.60	3	Horizontal	249	1.50	-	57.39
PK	5.75G	117.30	Inf	-Inf	7.87	3	Horizontal	249	1.50	-	109.43
AV	5.751G	106.71	Inf	-Inf	7.86	3	Horizontal	249	1.50	-	98.85
PK	5.976G	64.59	68.20	-3.61	8.36	3	Horizontal	249	1.50	-	56.23

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

19/07/2019



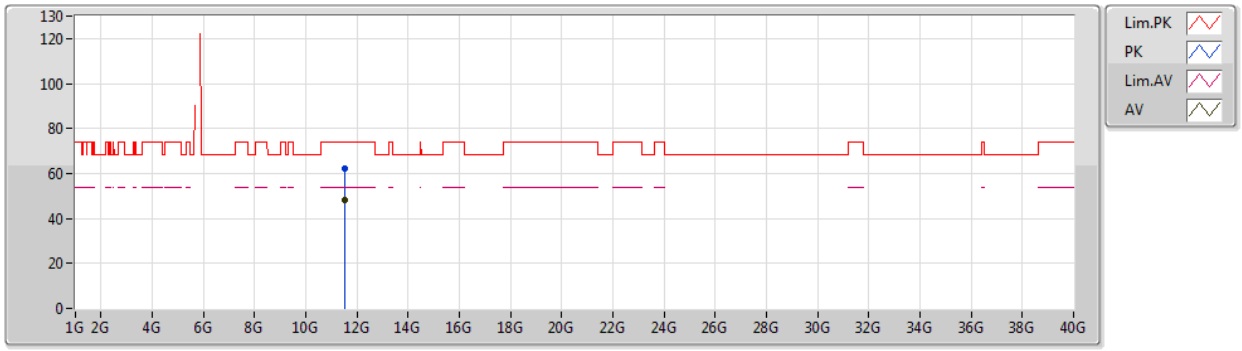
EUT Y_2TX
Setting 27.5
06-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.50596G	61.59	74.00	-12.41	16.59	3	Vertical	258	1.55	-	45.00
AV	11.508G	48.06	54.00	-5.94	16.59	3	Vertical	258	1.55	-	31.47

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

19/07/2019



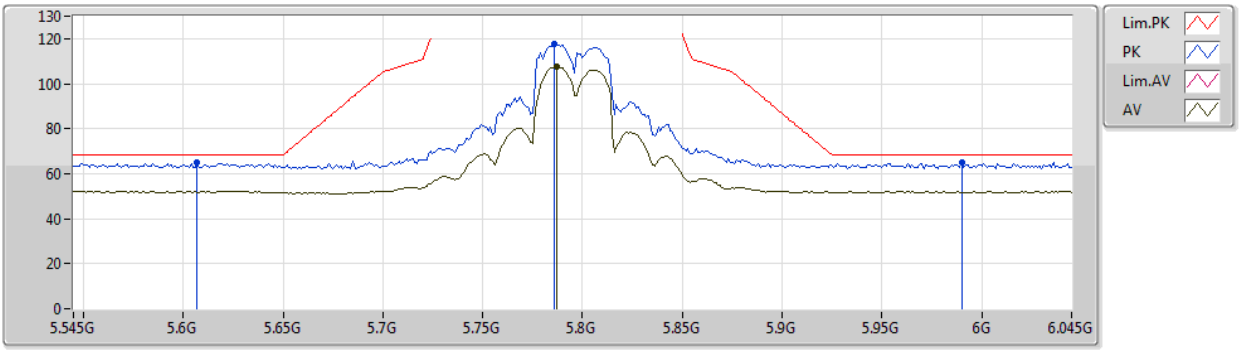
EUT Y_2TX
Setting 27.5
06-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.50612G	62.18	74.00	-11.82	16.59	3	Horizontal	225	2.08	-	45.59
AV	11.51032G	48.35	54.00	-5.65	16.60	3	Horizontal	225	2.08	-	31.75

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

19/07/2019



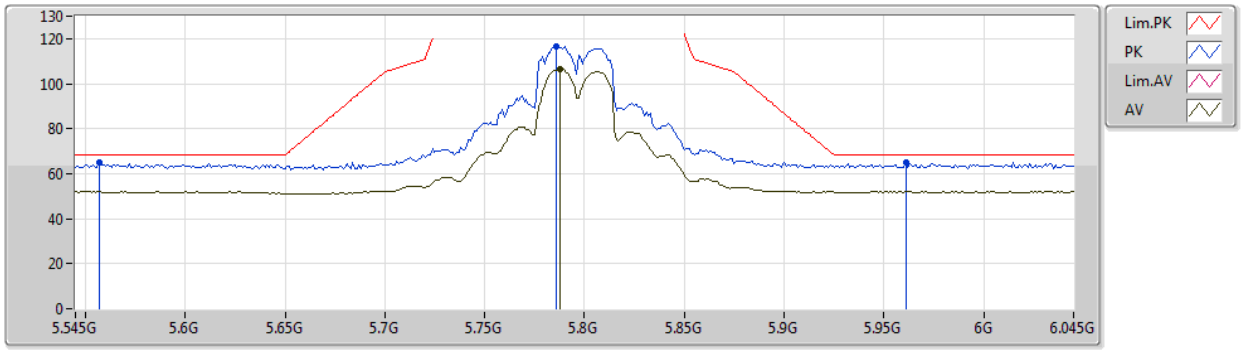
EUT Y_2TX
Setting 27.5
06-L-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.607G	64.90	68.20	-3.30	7.56	3	Vertical	183	1.55	-	57.34
PK	5.786G	117.60	Inf	-Inf	7.94	3	Vertical	183	1.55	-	109.66
AV	5.787G	107.53	Inf	-Inf	7.94	3	Vertical	183	1.55	-	99.59
PK	5.99G	65.15	68.20	-3.05	8.40	3	Vertical	183	1.55	-	56.75

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

19/07/2019



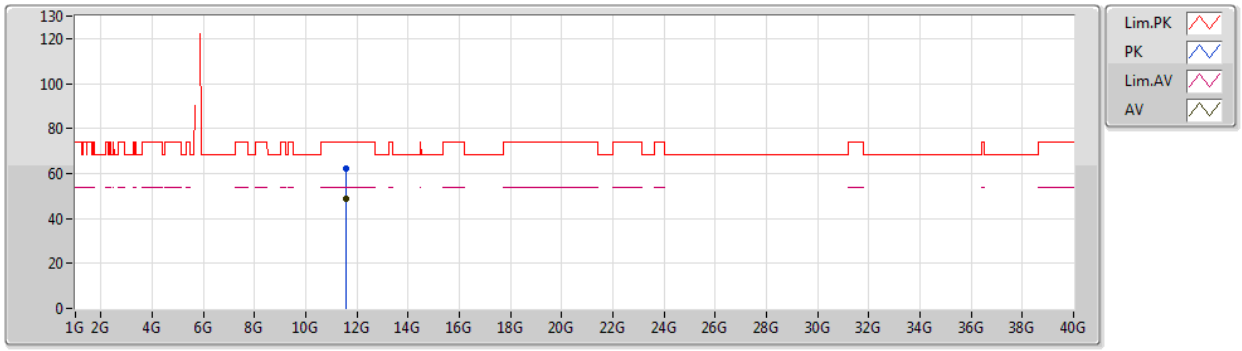
EUT Y_2TX
Setting 27.5
06-L-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.557G	64.93	68.20	-3.27	7.57	3	Horizontal	256	1.76	-	57.36
PK	5.786G	116.72	Inf	-Inf	7.94	3	Horizontal	256	1.76	-	108.78
AV	5.788G	106.63	Inf	-Inf	7.95	3	Horizontal	256	1.76	-	98.68
PK	5.961G	64.83	68.20	-3.37	8.32	3	Horizontal	256	1.76	-	56.51

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

19/07/2019



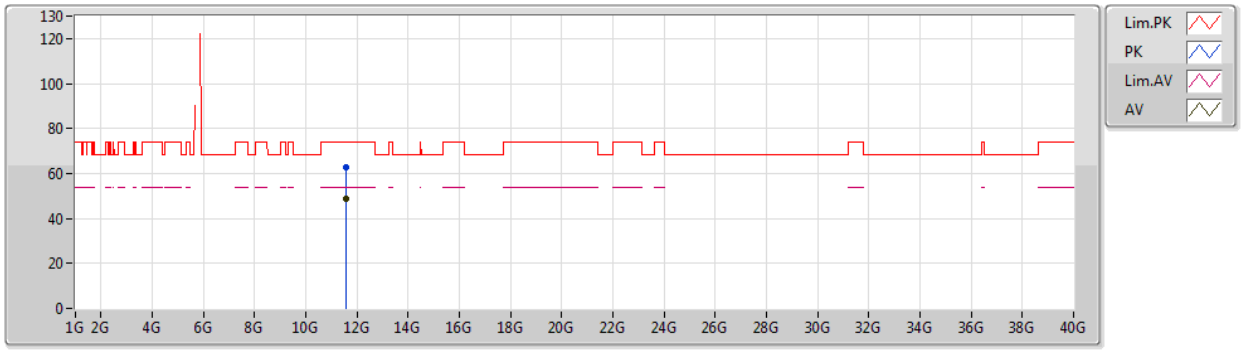
EUT Y_2TX
Setting 27.5
06-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.58792G	62.39	74.00	-11.61	16.52	3	Vertical	256	1.91	-	45.87
AV	11.58632G	48.69	54.00	-5.31	16.53	3	Vertical	256	1.91	-	32.16

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

19/07/2019



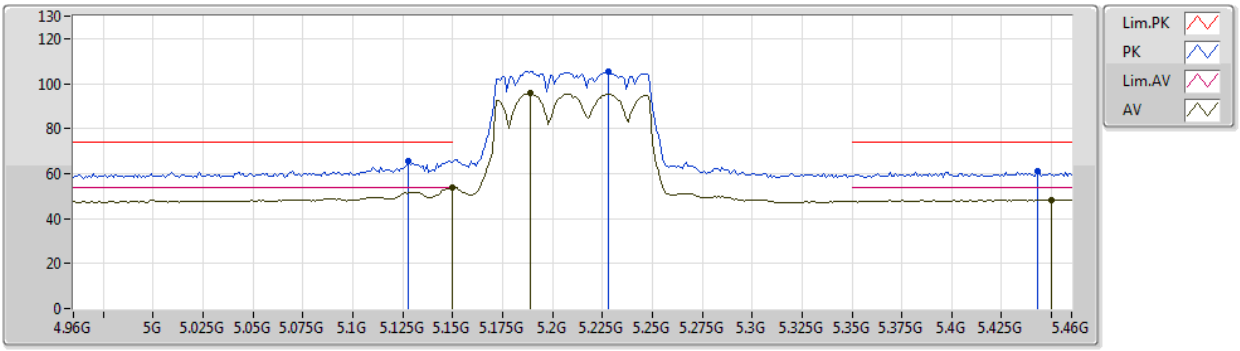
EUT Y_2TX
Setting 27.5
06-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.58698G	62.57	74.00	-11.43	16.52	3	Horizontal	303	2.90	-	46.05
AV	11.58534G	49.01	54.00	-4.99	16.53	3	Horizontal	303	2.90	-	32.48

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

20/07/2019



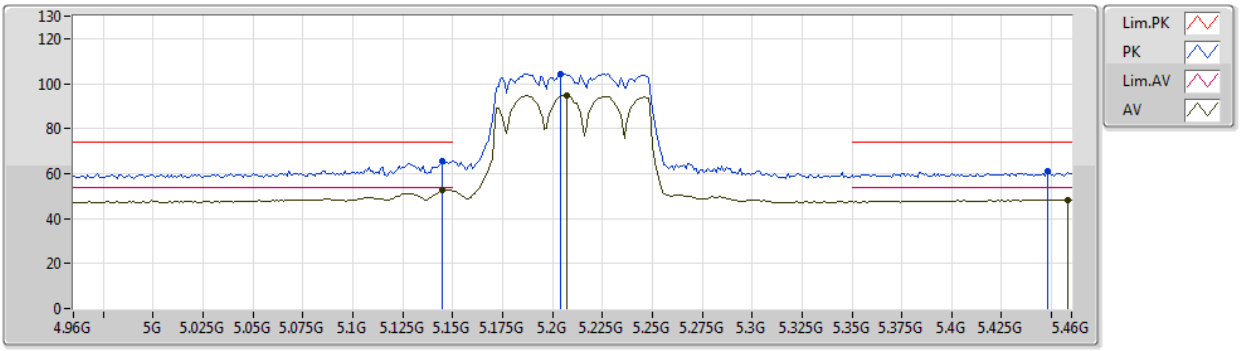
EUT Y_2TX
Setting 18.5
06-S-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.128G	65.38	74.00	-8.62	7.37	3	Vertical	354	1.66	-	58.01
AV	5.1499G	53.80	54.00	-0.20	7.33	3	Vertical	354	1.66	-	46.47
PK	5.228G	105.33	Inf	-Inf	7.20	3	Vertical	354	1.66	-	98.13
AV	5.189G	95.82	Inf	-Inf	7.27	3	Vertical	354	1.66	-	88.55
PK	5.443G	61.04	74.00	-12.96	7.47	3	Vertical	354	1.66	-	53.57
AV	5.45G	48.46	54.00	-5.54	7.48	3	Vertical	354	1.66	-	40.98

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

20/07/2019



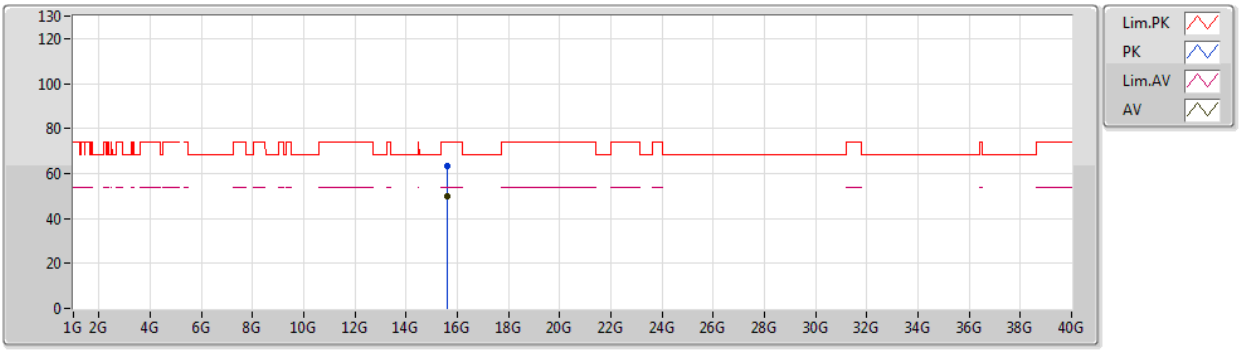
EUT Y_2TX
Setting 18.5
06-S-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.145G	65.58	74.00	-8.42	7.34	3	Horizontal	242	1.75	-	58.24
AV	5.145G	52.77	54.00	-1.23	7.34	3	Horizontal	242	1.75	-	45.43
PK	5.204G	104.43	Inf	-Inf	7.24	3	Horizontal	242	1.75	-	97.19
AV	5.207G	94.80	Inf	-Inf	7.24	3	Horizontal	242	1.75	-	87.56
PK	5.448G	61.34	74.00	-12.66	7.49	3	Horizontal	242	1.75	-	53.85
AV	5.458G	48.43	54.00	-5.57	7.51	3	Horizontal	242	1.75	-	40.92

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

20/07/2019



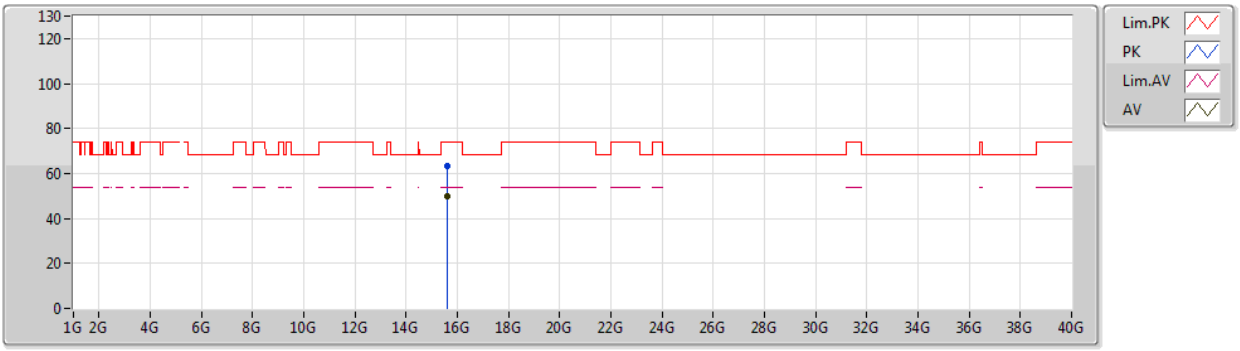
EUT Y_2TX
Setting 18.5
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.624G	63.18	74.00	-10.82	17.75	3	Vertical	260	1.65	-	45.43
AV	15.62084G	49.94	54.00	-4.06	17.76	3	Vertical	260	1.65	-	32.18

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

20/07/2019



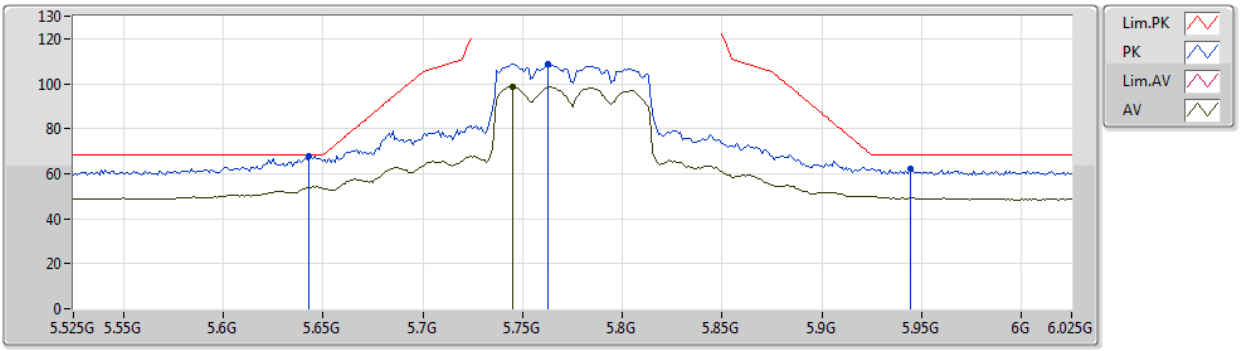
EUT Y_2TX
Setting 18.5
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.62576G	63.10	74.00	-10.90	17.75	3	Horizontal	162	1.39	-	45.35
AV	15.62996G	50.01	54.00	-3.99	17.73	3	Horizontal	162	1.39	-	32.28

802.11ac VHT80_Nss1,(MCS0)_2TX

20/07/2019

5775MHz_TX



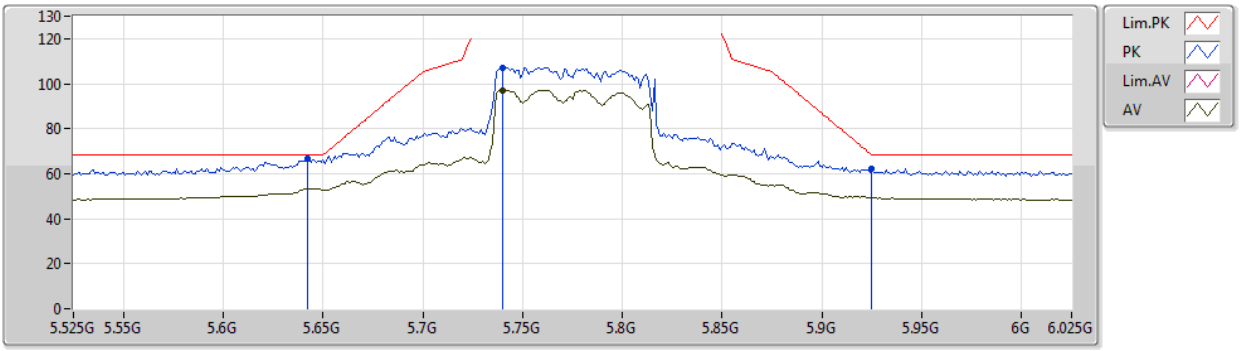
EUT Y_2TX
Setting 22.5
06-S-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.643G	67.89	68.20	-0.31	7.64	3	Vertical	164	1.63	-	60.25
PK	5.763G	108.84	Inf	-Inf	7.90	3	Vertical	164	1.63	-	100.94
AV	5.745G	98.74	Inf	-Inf	7.86	3	Vertical	164	1.63	-	90.88
PK	5.944G	62.28	68.20	-5.92	8.27	3	Vertical	164	1.63	-	54.01

802.11ac VHT80_Nss1,(MCS0)_2TX

20/07/2019

5775MHz_TX



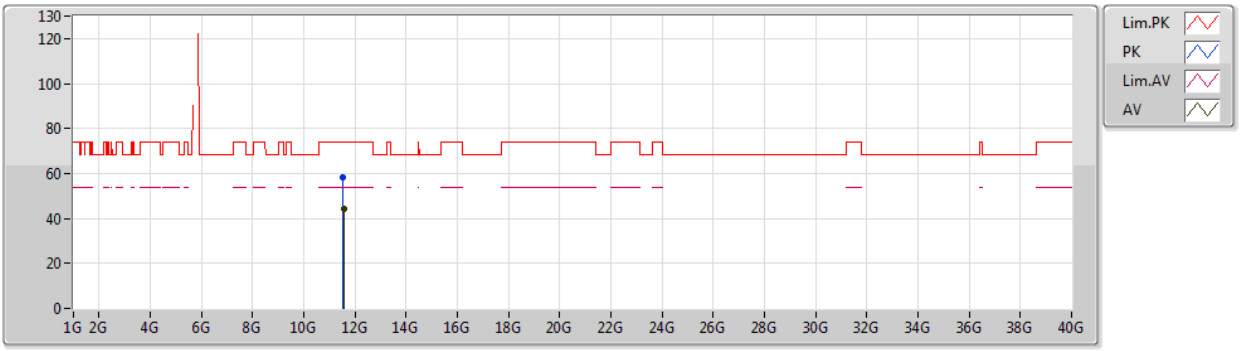
EUT Y_2TX
Setting 22.5
06-S-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.642G	66.82	68.20	-1.38	7.63	3	Horizontal	71	1.72	-	59.19
PK	5.74G	107.30	Inf	-Inf	7.84	3	Horizontal	71	1.72	-	99.46
AV	5.74G	97.21	Inf	-Inf	7.84	3	Horizontal	71	1.72	-	89.37
PK	5.925G	62.41	68.20	-5.79	8.22	3	Horizontal	71	1.72	-	54.19

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

20/07/2019



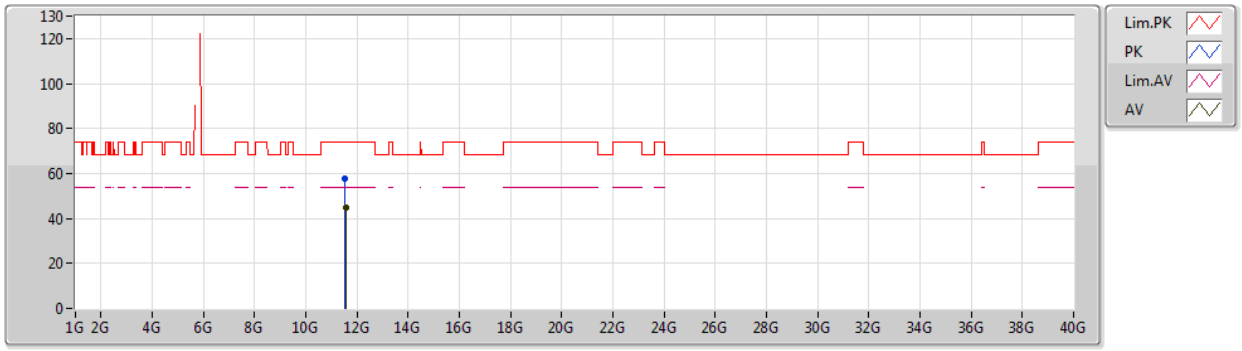
EUT Y_2TX
Setting 22.5
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.54892G	58.24	74.00	-15.76	16.56	3	Vertical	216	1.63	-	41.68
AV	11.55964G	44.51	54.00	-9.49	16.55	3	Vertical	216	1.63	-	27.96

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

20/07/2019



EUT Y_2TX
Setting 22.5
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.5486G	57.72	74.00	-16.28	16.56	3	Horizontal	318	1.45	-	41.16
AV	11.55892G	44.57	54.00	-9.43	16.56	3	Horizontal	318	1.45	-	28.01

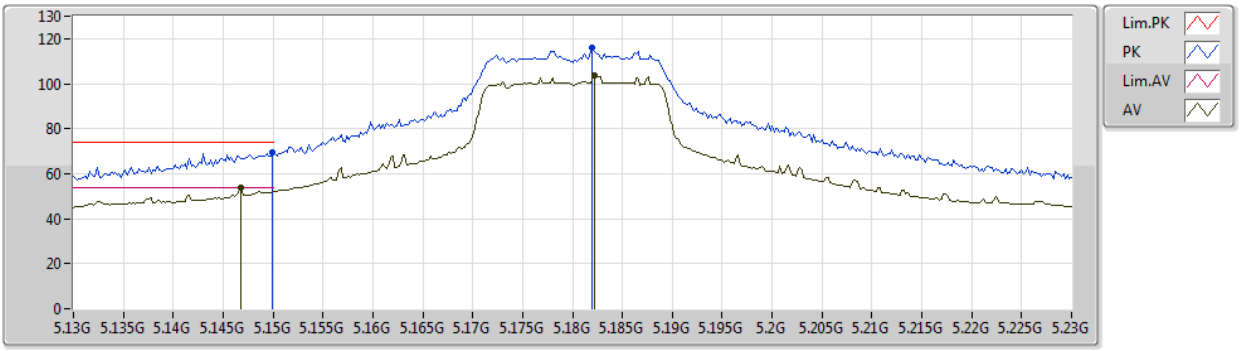
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	Pass	AV	5.15G	53.91	54.00	-0.09	5.09	3	Horizontal	242	1.56	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

13/08/2019



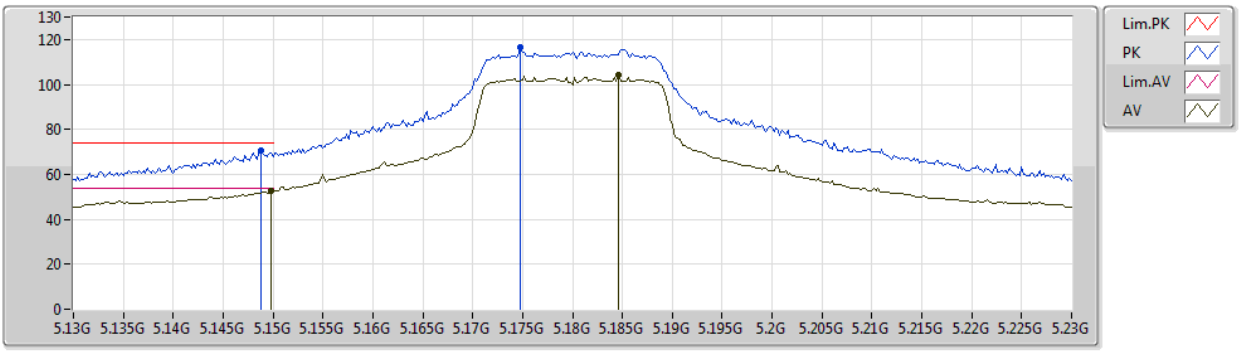
EUT Y_2TX
Setting 24
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.14993G	69.60	74.00	-4.40	5.09	3	Vertical	358	1.81	-	64.51
AV	5.1468G	53.77	54.00	-0.23	5.11	3	Vertical	358	1.81	-	48.66
PK	5.182G	116.21	Inf	-Inf	4.94	3	Vertical	358	1.81	-	111.27
AV	5.1822G	103.80	Inf	-Inf	4.94	3	Vertical	358	1.81	-	98.86

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/08/2019

5180MHz_TX



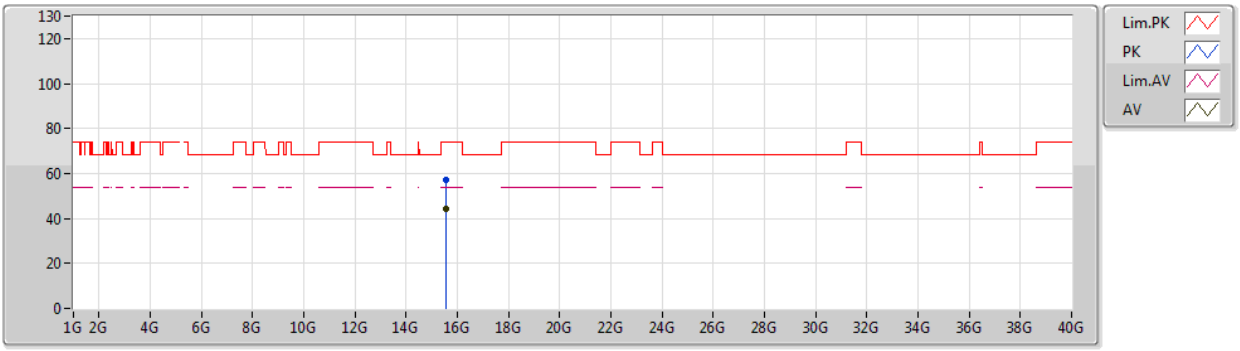
EUT Y_2TX
Setting 24
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1488G	70.34	74.00	-3.66	5.10	3	Horizontal	255	1.51	-	65.24
AV	5.1498G	52.77	54.00	-1.23	5.09	3	Horizontal	255	1.51	-	47.68
PK	5.1748G	116.30	Inf	-Inf	4.97	3	Horizontal	255	1.51	-	111.33
AV	5.1846G	104.25	Inf	-Inf	4.93	3	Horizontal	255	1.51	-	99.32

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/08/2019

5180MHz_TX



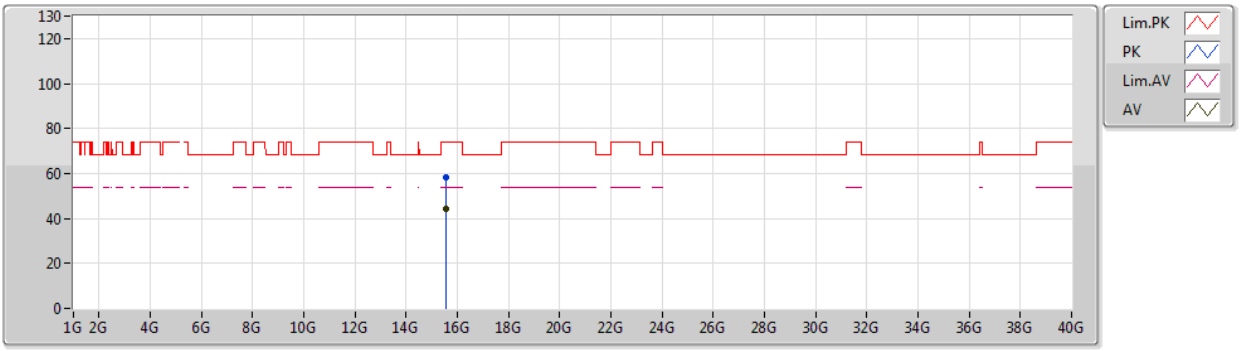
EUT Y_2TX
Setting 24
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.54708G	57.43	74.00	-16.57	14.46	3	Vertical	264	2.48	-	42.97
AV	15.54426G	44.32	54.00	-9.68	14.46	3	Vertical	264	2.48	-	29.86

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/08/2019

5180MHz_TX



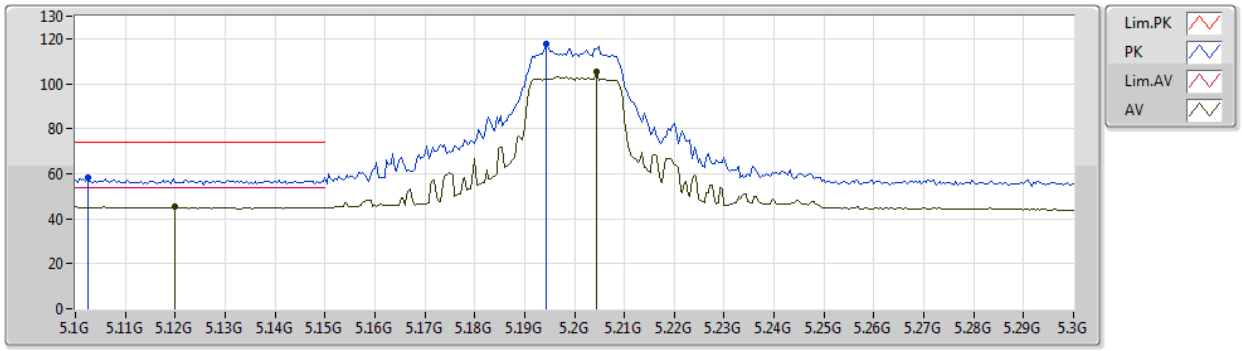
EUT Y_2TX
Setting 24
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.54198G	58.14	74.00	-15.86	14.46	3	Horizontal	324	1.50	-	43.68
AV	15.54158G	44.24	54.00	-9.76	14.46	3	Horizontal	324	1.50	-	29.78

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

13/08/2019



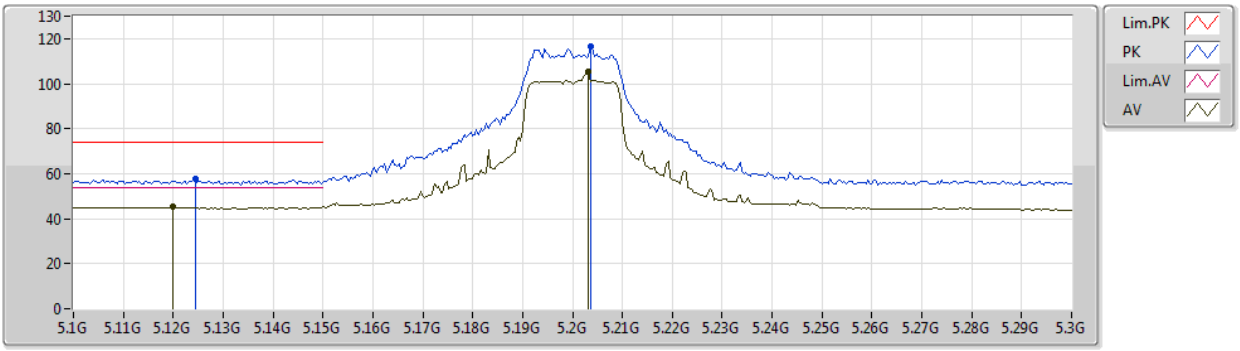
EUT Y_2TX
Setting 26
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1024G	58.03	74.00	-15.97	5.31	3	Vertical	349	1.69	-	52.72
AV	5.12G	45.46	54.00	-8.54	5.23	3	Vertical	349	1.69	-	40.23
PK	5.1944G	117.40	Inf	-Inf	4.88	3	Vertical	349	1.69	-	112.52
AV	5.2044G	105.23	Inf	-Inf	4.83	3	Vertical	349	1.69	-	100.40

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

13/08/2019



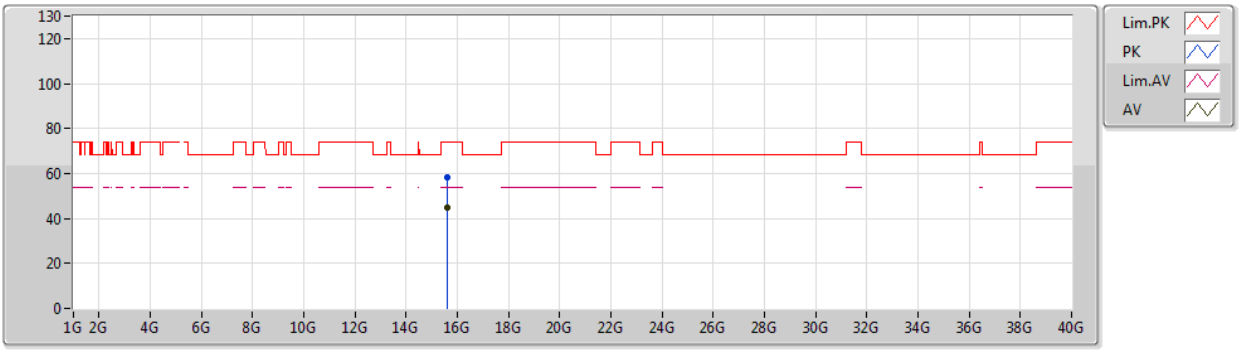
EUT Y_2TX
Setting 26
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1244G	57.79	74.00	-16.21	5.21	3	Horizontal	242	2.47	-	52.58
AV	5.12G	45.63	54.00	-8.37	5.23	3	Horizontal	242	2.47	-	40.40
PK	5.2036G	116.45	Inf	-Inf	4.84	3	Horizontal	242	2.47	-	111.61
AV	5.2032G	105.10	Inf	-Inf	4.84	3	Horizontal	242	2.47	-	100.26

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

13/08/2019



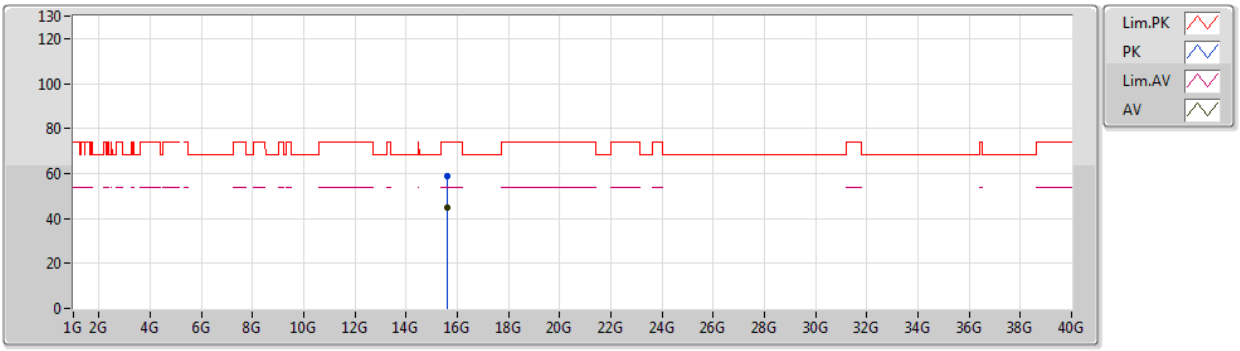
EUT Y_2TX
Setting 26
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.59352G	58.27	74.00	-15.73	14.29	3	Vertical	121	1.55	-	43.98
AV	15.58776G	44.99	54.00	-9.01	14.31	3	Vertical	121	1.55	-	30.68

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

13/08/2019



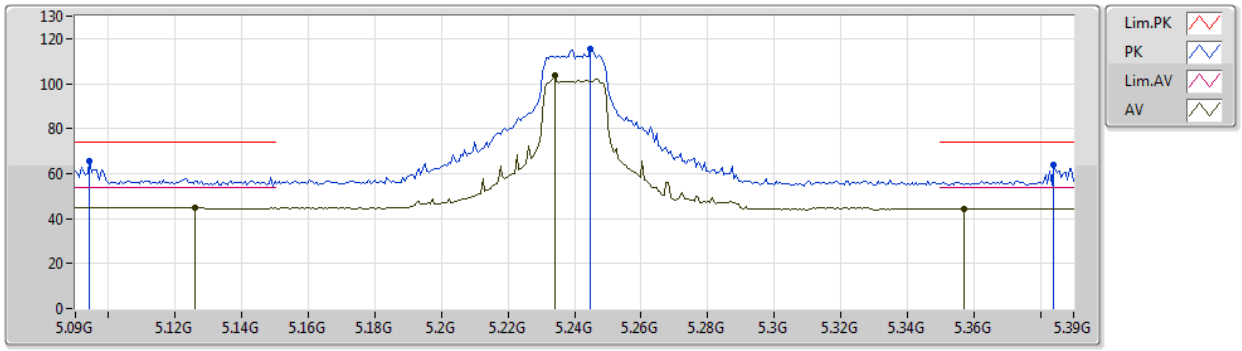
EUT Y_2TX
Setting 26
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.60157G	58.93	74.00	-15.07	14.26	3	Horizontal	349	1.76	-	44.67
AV	15.60156G	44.89	54.00	-9.11	14.26	3	Horizontal	349	1.76	-	30.63

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

13/08/2019



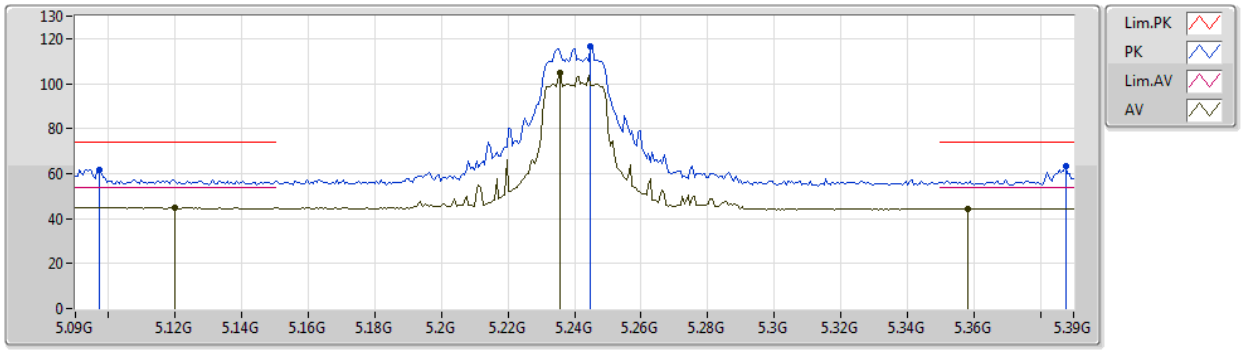
EUT Y_2TX
Setting 26
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.0942G	65.78	74.00	-8.22	5.28	3	Vertical	194	1.77	-	60.50
AV	5.126G	45.08	54.00	-8.92	5.20	3	Vertical	194	1.77	-	39.88
PK	5.2448G	115.22	Inf	-Inf	4.66	3	Vertical	194	1.77	-	110.56
AV	5.234G	103.58	Inf	-Inf	4.70	3	Vertical	194	1.77	-	98.88
PK	5.384G	63.60	74.00	-10.40	4.82	3	Vertical	194	1.77	-	58.78
AV	5.357G	44.51	54.00	-9.49	4.69	3	Vertical	194	1.77	-	39.82

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/08/2019

5240MHz_TX



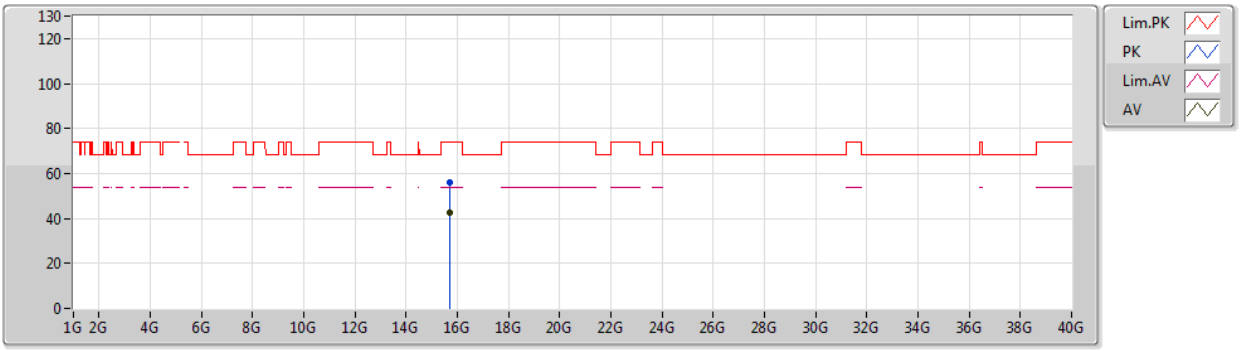
EUT Y_2TX
Setting 26
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.0972G	61.77	74.00	-12.23	5.31	3	Horizontal	259	1.47	-	56.46
AV	5.12G	45.02	54.00	-8.98	5.23	3	Horizontal	259	1.47	-	39.79
PK	5.2448G	116.53	Inf	-Inf	4.66	3	Horizontal	259	1.47	-	111.87
AV	5.2358G	104.66	Inf	-Inf	4.70	3	Horizontal	259	1.47	-	99.96
PK	5.3876G	63.30	74.00	-10.70	4.84	3	Horizontal	259	1.47	-	58.46
AV	5.3582G	44.47	54.00	-9.53	4.69	3	Horizontal	259	1.47	-	39.78

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

13/08/2019



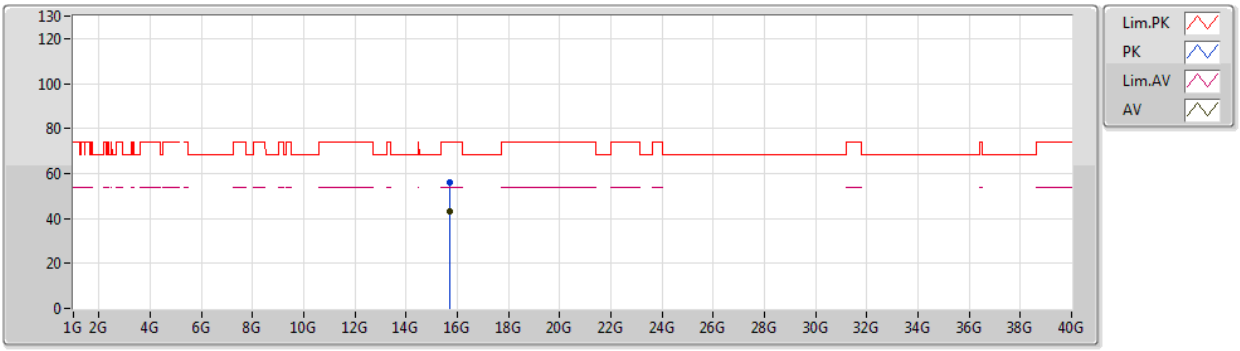
EUT Y_2TX
Setting 26
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.70968G	56.04	74.00	-17.96	13.91	3	Vertical	328	1.35	-	42.13
AV	15.70962G	42.69	54.00	-11.31	13.91	3	Vertical	328	1.35	-	28.78

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

13/08/2019



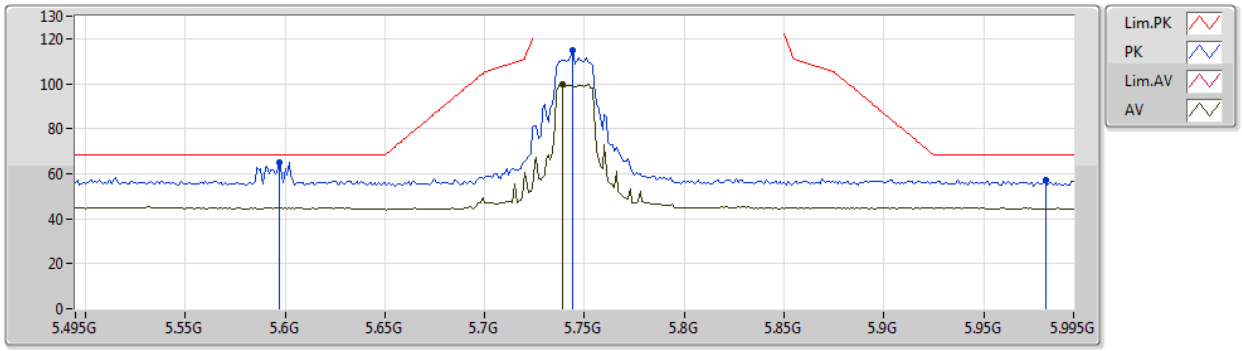
EUT Y_2TX
Setting 26
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.72504G	55.97	74.00	-18.03	13.85	3	Horizontal	290	1.59	-	42.12
AV	15.705G	42.88	54.00	-11.12	13.92	3	Horizontal	290	1.59	-	28.96

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/08/2019

5745MHz_TX



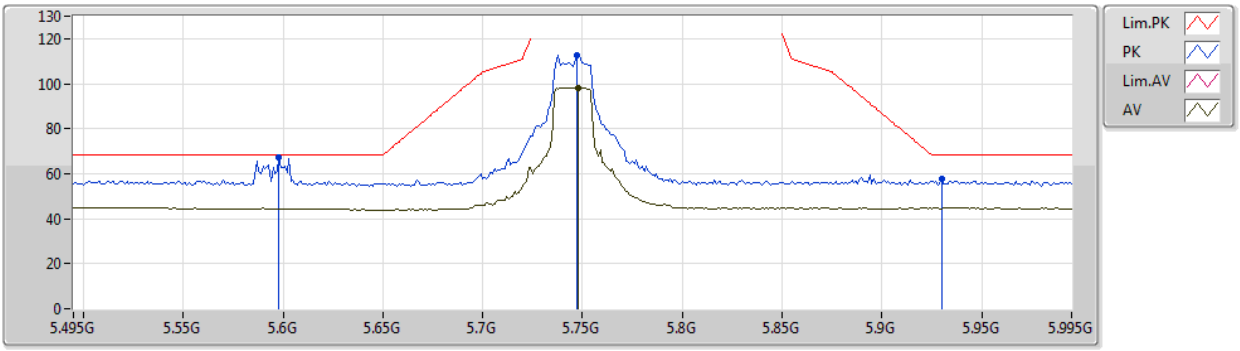
EUT Y_2TX
Setting 26
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.597G	65.00	68.20	-3.20	4.92	3	Vertical	153	1.58	-	60.08
PK	5.744G	115.06	Inf	-Inf	5.25	3	Vertical	153	1.58	-	109.81
AV	5.739G	99.97	Inf	-Inf	5.22	3	Vertical	153	1.58	-	94.75
PK	5.981G	57.22	68.20	-10.98	5.79	3	Vertical	153	1.58	-	51.43

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/08/2019

5745MHz_TX



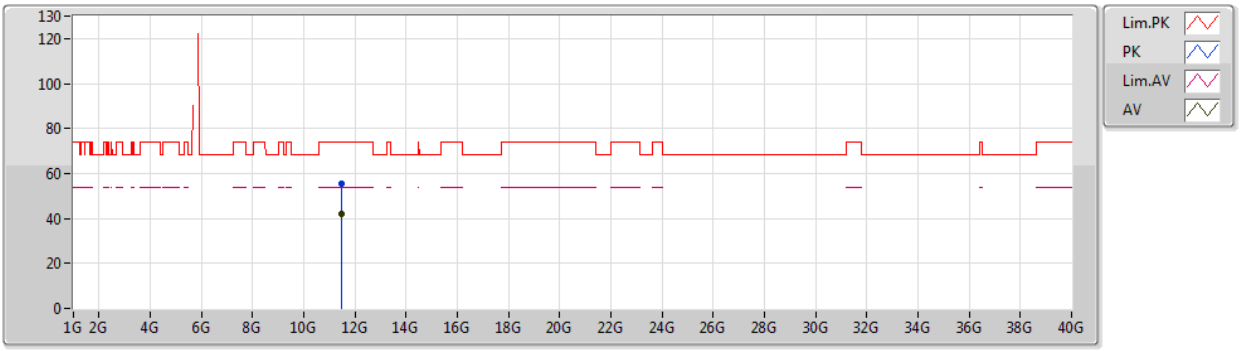
EUT Y_2TX
Setting 26
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.598G	67.34	68.20	-0.86	4.91	3	Horizontal	234	1.50	-	62.43
PK	5.747G	112.74	Inf	-Inf	5.26	3	Horizontal	234	1.50	-	107.48
AV	5.748G	98.16	Inf	-Inf	5.26	3	Horizontal	234	1.50	-	92.90
PK	5.93G	57.54	68.20	-10.66	5.79	3	Horizontal	234	1.50	-	51.75

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/08/2019

5745MHz_TX



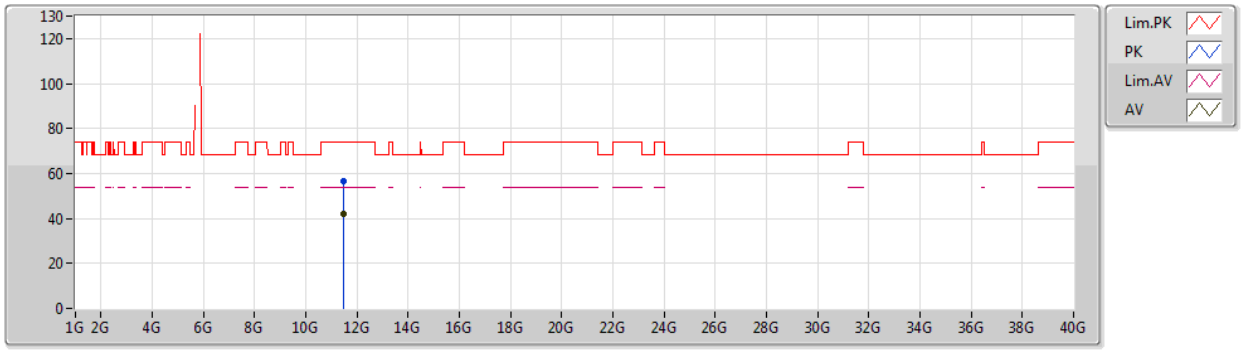
EUT Y_2TX
Setting 26
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.4975G	55.52	74.00	-18.48	13.29	3	Vertical	130	2.22	-	42.23
AV	11.49484G	42.19	54.00	-11.81	13.30	3	Vertical	130	2.22	-	28.89

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/08/2019

5745MHz_TX



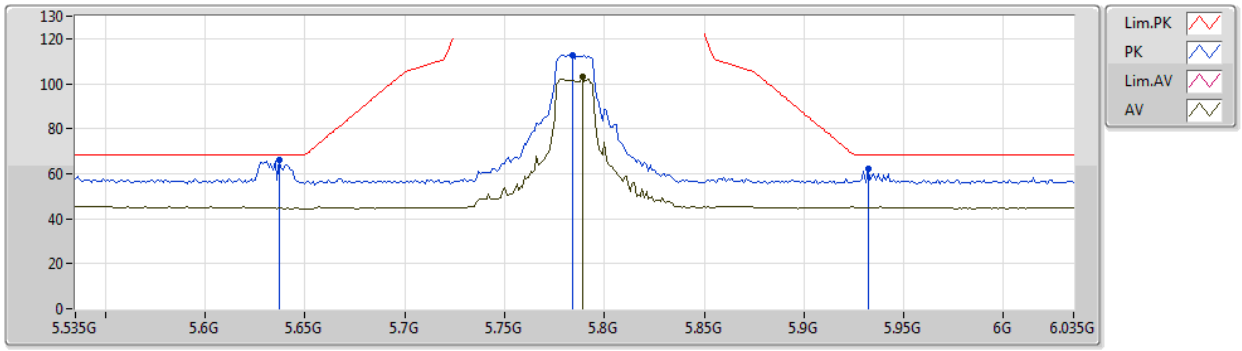
EUT Y_2TX
Setting 26
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.48806G	56.38	74.00	-17.62	13.31	3	Horizontal	292	2.46	-	43.07
AV	11.48928G	42.09	54.00	-11.91	13.31	3	Horizontal	292	2.46	-	28.78

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/08/2019

5785MHz_TX



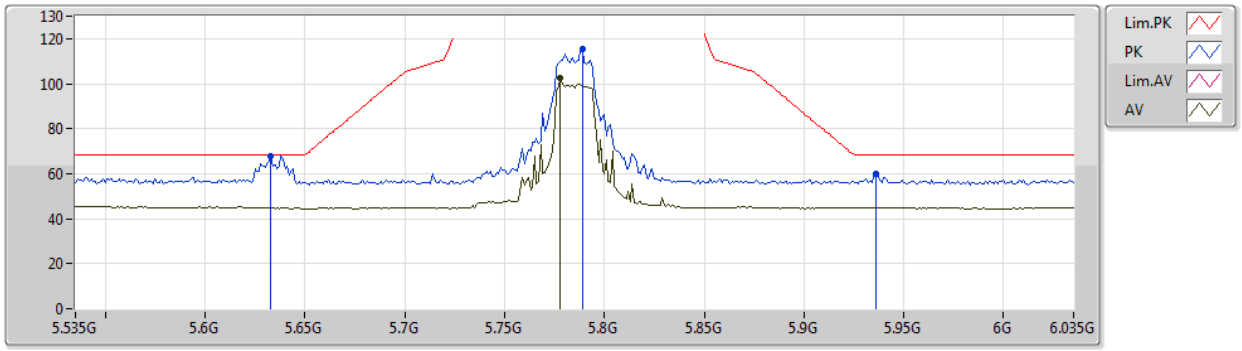
EUT Y_2TX
Setting 26
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.637G	66.18	68.20	-2.02	4.97	3	Vertical	188	1.80	-	61.21
PK	5.784G	112.80	Inf	-Inf	5.42	3	Vertical	188	1.80	-	107.38
AV	5.789G	103.04	Inf	-Inf	5.44	3	Vertical	188	1.80	-	97.60
PK	5.932G	61.96	68.20	-6.24	5.79	3	Vertical	188	1.80	-	56.17

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/08/2019

5785MHz_TX



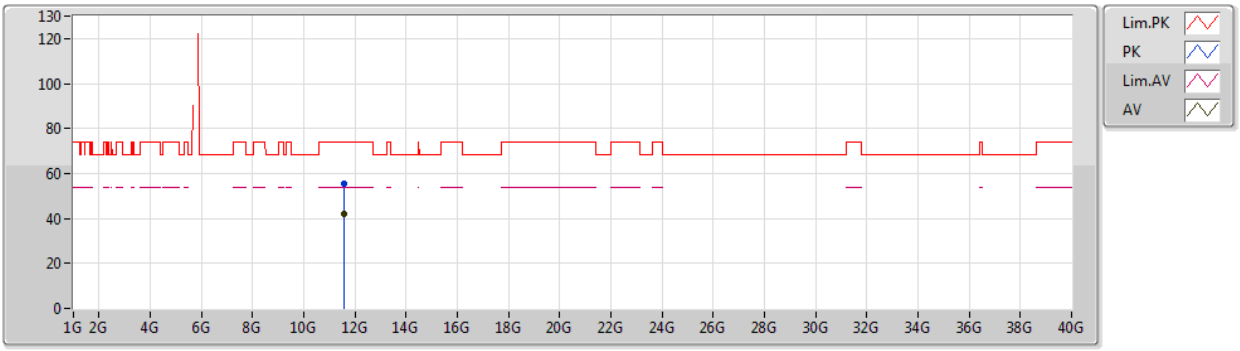
EUT Y_2TX
Setting 26
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.633G	67.75	68.20	-0.45	4.96	3	Horizontal	261	2.34	-	62.79
PK	5.789G	115.62	Inf	-Inf	5.44	3	Horizontal	261	2.34	-	110.18
AV	5.778G	102.76	Inf	-Inf	5.38	3	Horizontal	261	2.34	-	97.38
PK	5.936G	60.14	68.20	-8.06	5.79	3	Horizontal	261	2.34	-	54.35

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/08/2019

5785MHz_TX



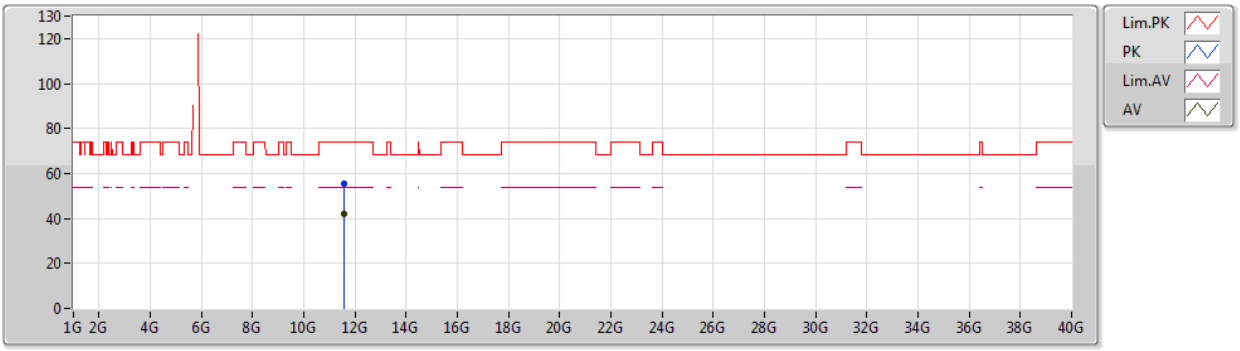
EUT Y_2TX
Setting 26
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.57382G	55.46	74.00	-18.54	13.15	3	Vertical	232	1.88	-	42.31
AV	11.57338G	42.25	54.00	-11.75	13.15	3	Vertical	232	1.88	-	29.10

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/08/2019

5785MHz_TX



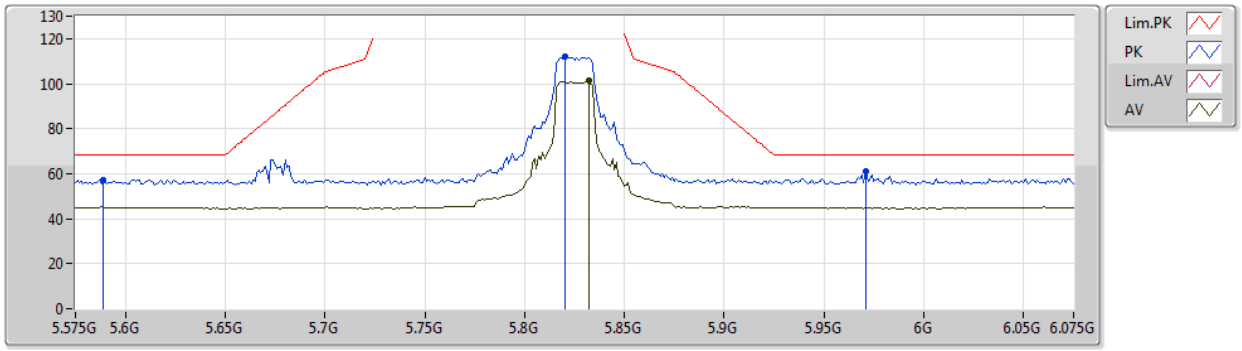
EUT Y_2TX
Setting 26
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.57236G	55.75	74.00	-18.25	13.15	3	Horizontal	114	2.46	-	42.60
AV	11.57028G	42.12	54.00	-11.88	13.15	3	Horizontal	114	2.46	-	28.97

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/08/2019

5825MHz_TX



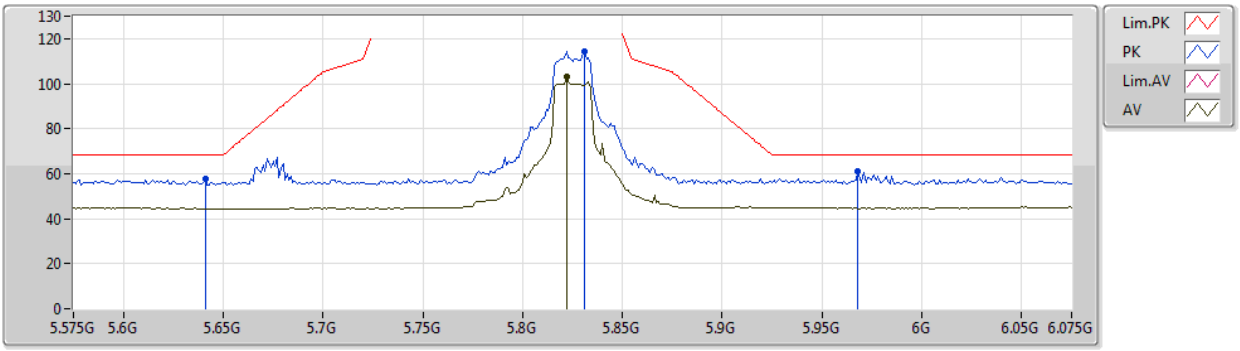
EUT Y_2TX
Setting 26
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.589G	57.33	68.20	-10.87	4.92	3	Vertical	178	1.51	-	52.41
PK	5.82G	112.03	Inf	-Inf	5.54	3	Vertical	178	1.51	-	106.49
AV	5.832G	101.21	Inf	-Inf	5.59	3	Vertical	178	1.51	-	95.62
PK	5.971G	61.25	68.20	-6.95	5.79	3	Vertical	178	1.51	-	55.46

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/08/2019

5825MHz_TX



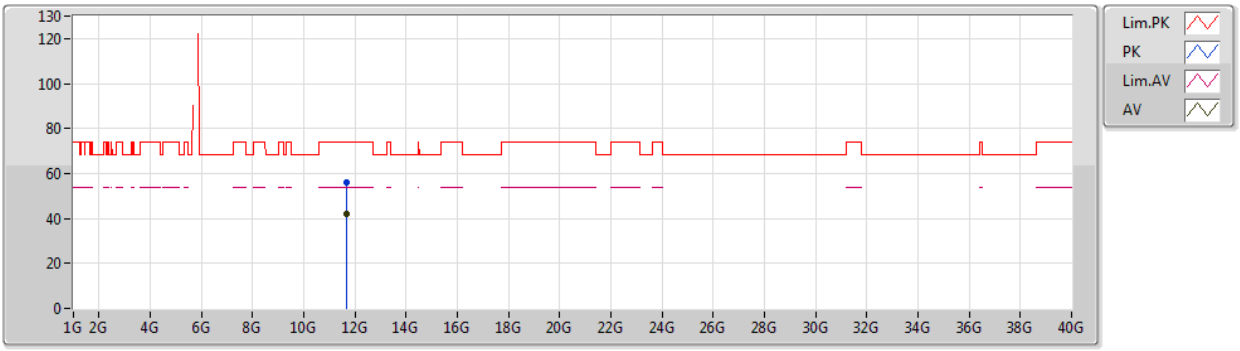
EUT Y_2TX
Setting 26
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.641G	57.46	68.20	-10.74	4.96	3	Horizontal	248	1.45	-	52.50
PK	5.831G	114.40	Inf	-Inf	5.58	3	Horizontal	248	1.45	-	108.82
AV	5.822G	103.19	Inf	-Inf	5.55	3	Horizontal	248	1.45	-	97.64
PK	5.968G	60.93	68.20	-7.27	5.79	3	Horizontal	248	1.45	-	55.14

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/08/2019

5825MHz_TX



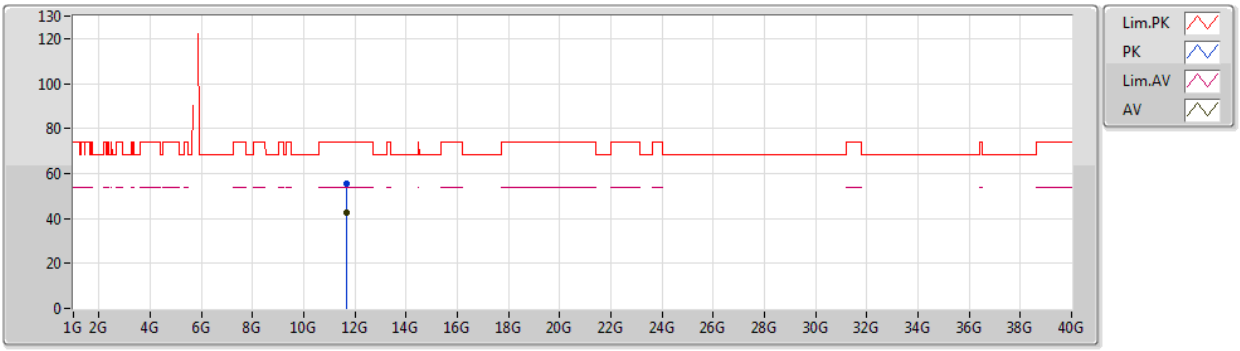
EUT Y_2TX
Setting 26
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.6488G	55.96	74.00	-18.04	13.03	3	Vertical	295	1.36	-	42.93
AV	11.65072G	42.06	54.00	-11.94	13.02	3	Vertical	295	1.36	-	29.04

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/08/2019

5825MHz_TX



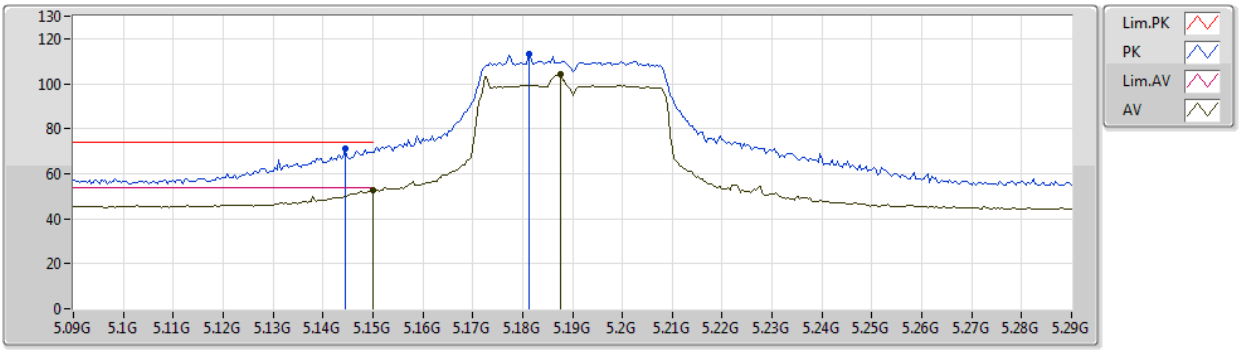
EUT Y_2TX
Setting 26
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.65342G	55.73	74.00	-18.27	13.02	3	Horizontal	261	1.68	-	42.71
AV	11.6544G	42.41	54.00	-11.59	13.02	3	Horizontal	261	1.68	-	29.39

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

14/08/2019



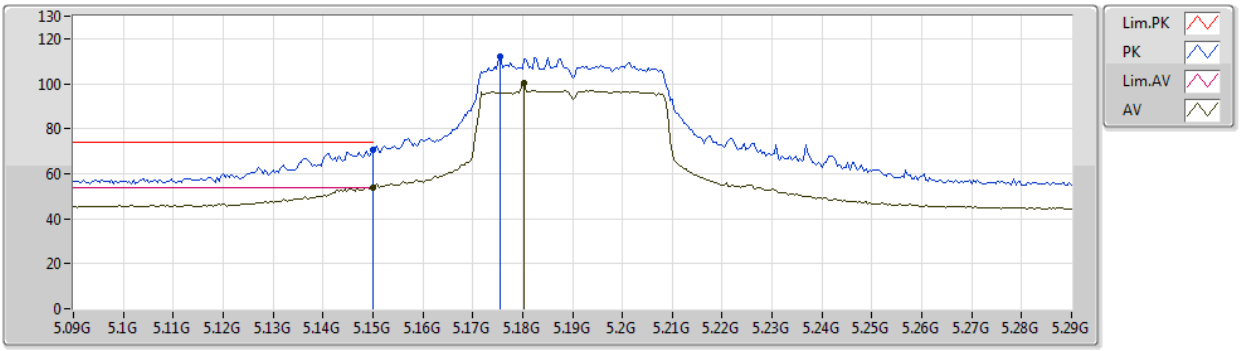
EUT Y_2TX
Setting 23
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1444G	71.44	74.00	-2.56	5.12	3	Vertical	351	1.70	-	66.32
AV	5.15G	52.40	54.00	-1.60	5.09	3	Vertical	351	1.70	-	47.31
PK	5.1812G	113.18	Inf	-Inf	4.93	3	Vertical	351	1.70	-	108.25
AV	5.1876G	104.14	Inf	-Inf	4.91	3	Vertical	351	1.70	-	99.23

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

14/08/2019



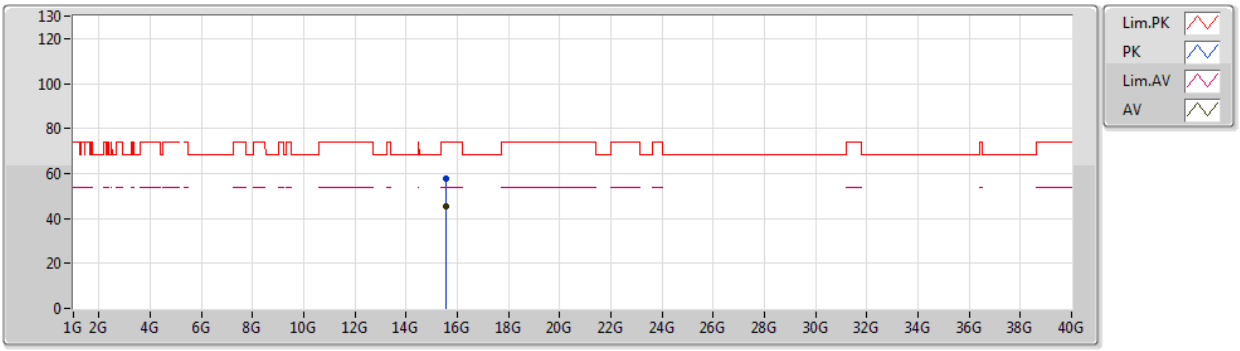
EUT Y_2TX
Setting 23
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.15G	70.49	74.00	-3.51	5.09	3	Horizontal	242	1.56	-	65.40
AV	5.15G	53.91	54.00	-0.09	5.09	3	Horizontal	242	1.56	-	48.82
PK	5.1756G	111.80	Inf	-Inf	4.96	3	Horizontal	242	1.56	-	106.84
AV	5.1804G	100.43	Inf	-Inf	4.94	3	Horizontal	242	1.56	-	95.49

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

14/08/2019

5190MHz_TX



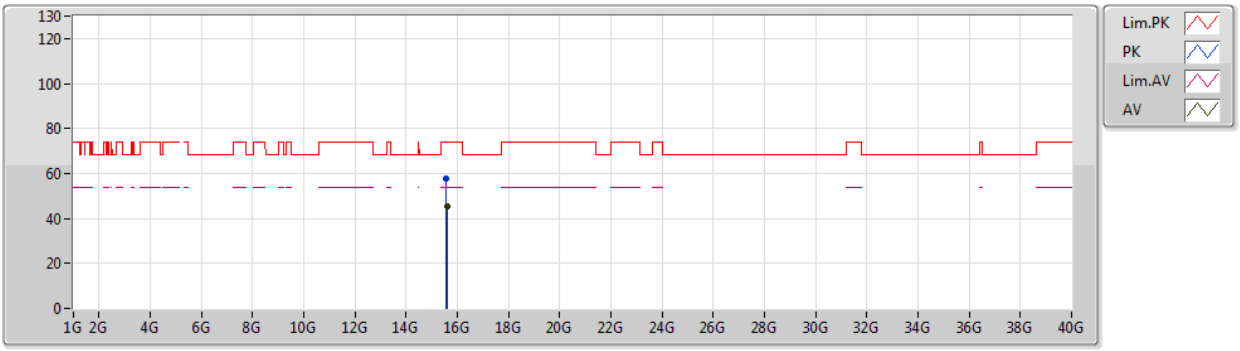
EUT Y_2TX
Setting 23
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.57216G	57.65	74.00	-16.35	14.37	3	Vertical	198	1.99	-	43.28
AV	15.57208G	45.60	54.00	-8.40	14.37	3	Vertical	198	1.99	-	31.23

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

14/08/2019

5190MHz_TX



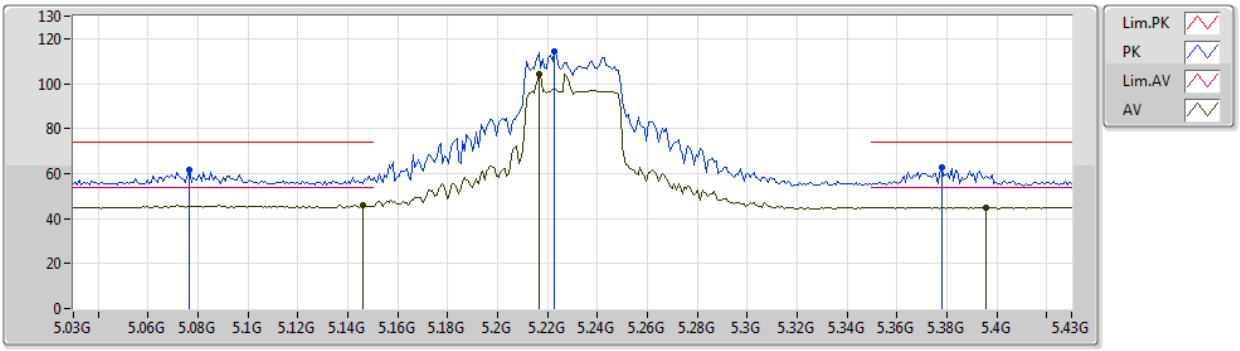
EUT Y_2TX
Setting 23
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.57042G	57.90	74.00	-16.10	14.37	3	Horizontal	344	2.38	-	43.53
AV	15.585G	45.32	54.00	-8.68	14.32	3	Horizontal	344	2.38	-	31.00

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

13/08/2019



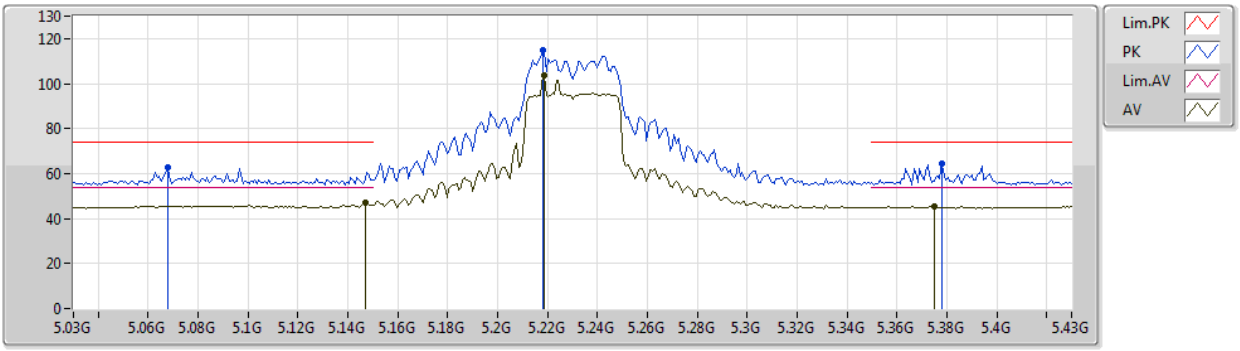
EUT Y_2TX
Setting 26
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.0764G	61.52	74.00	-12.48	5.19	3	Vertical	317	1.82	-	56.33
AV	5.146G	46.03	54.00	-7.97	5.11	3	Vertical	317	1.82	-	40.92
PK	5.2228G	114.25	Inf	-Inf	4.75	3	Vertical	317	1.82	-	109.50
AV	5.2164G	104.43	Inf	-Inf	4.77	3	Vertical	317	1.82	-	99.66
PK	5.378G	62.72	74.00	-11.28	4.79	3	Vertical	317	1.82	-	57.93
AV	5.3956G	45.02	54.00	-8.98	4.87	3	Vertical	317	1.82	-	40.15

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

13/08/2019



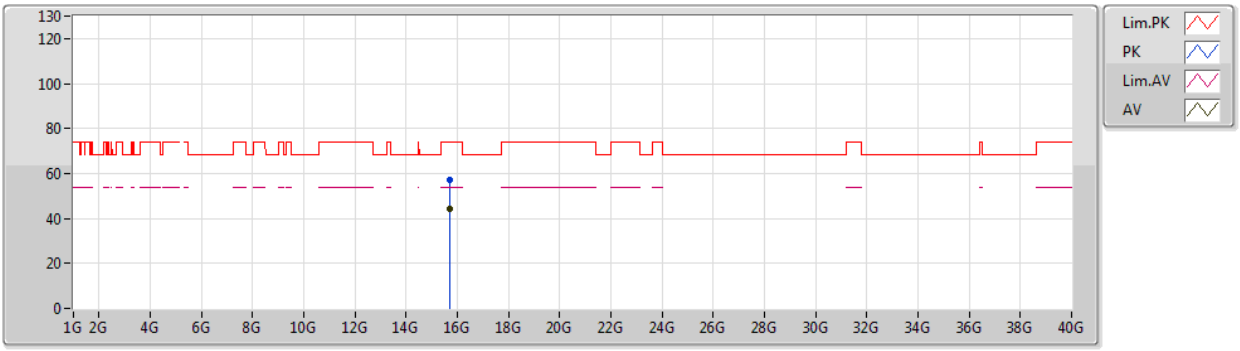
EUT Y_2TX
Setting 26
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.0676G	62.66	74.00	-11.34	5.15	3	Horizontal	94	1.47	-	57.51
AV	5.1468G	47.02	54.00	-6.98	5.11	3	Horizontal	94	1.47	-	41.91
PK	5.218G	114.68	Inf	-Inf	4.77	3	Horizontal	94	1.47	-	109.91
AV	5.2188G	103.73	Inf	-Inf	4.76	3	Horizontal	94	1.47	-	98.97
PK	5.378G	64.48	74.00	-9.52	4.79	3	Horizontal	94	1.47	-	59.69
AV	5.3748G	45.36	54.00	-8.64	4.76	3	Horizontal	94	1.47	-	40.60

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

13/08/2019



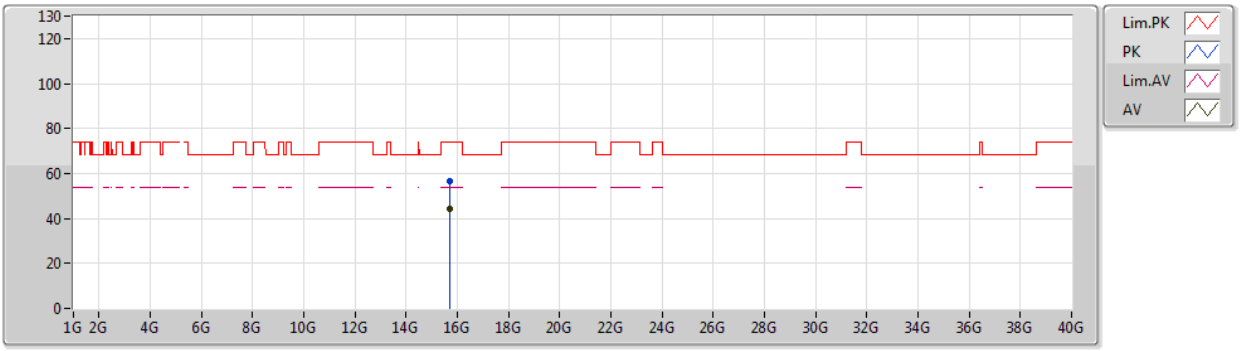
EUT Y_2TX
Setting 26
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.68686G	56.88	74.00	-17.12	13.99	3	Vertical	126	1.71	-	42.89
AV	15.68754G	44.18	54.00	-9.82	13.98	3	Vertical	126	1.71	-	30.20

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

13/08/2019



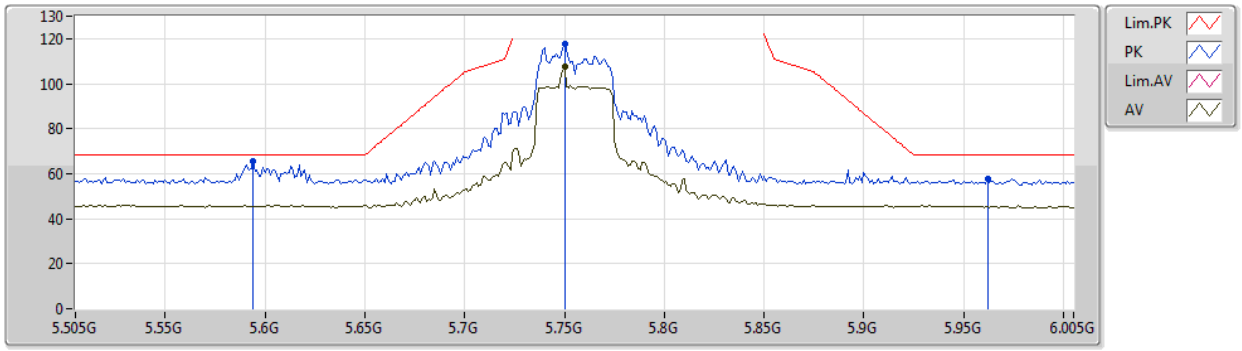
EUT Y_2TX
Setting 26
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.69736G	56.73	74.00	-17.27	13.94	3	Horizontal	202	1.55	-	42.79
AV	15.70368G	44.16	54.00	-9.84	13.93	3	Horizontal	202	1.55	-	30.23

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

13/08/2019

5755MHz_TX



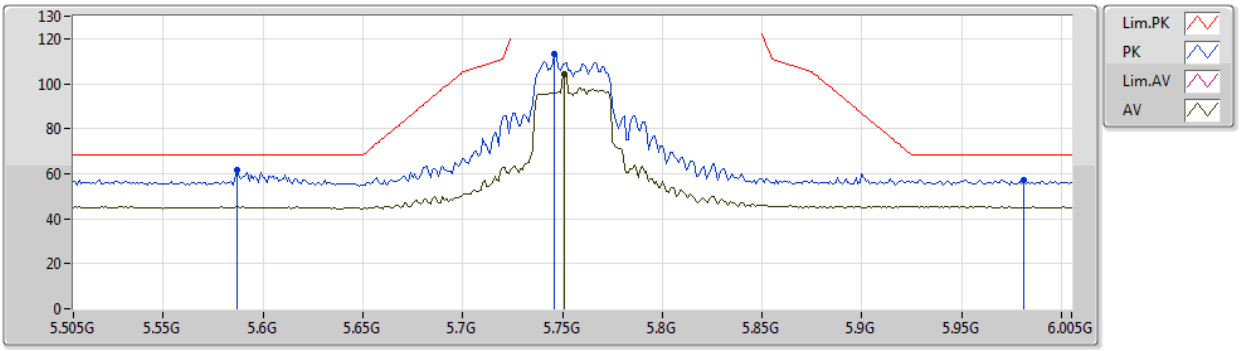
EUT Y_2TX
Setting 26
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.594G	65.42	68.20	-2.78	4.92	3	Vertical	195	1.66	-	60.50
PK	5.75G	117.86	Inf	-Inf	5.27	3	Vertical	195	1.66	-	112.59
AV	5.75G	107.34	Inf	-Inf	5.27	3	Vertical	195	1.66	-	102.07
PK	5.962G	57.59	68.20	-10.61	5.79	3	Vertical	195	1.66	-	51.80

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

13/08/2019

5755MHz_TX



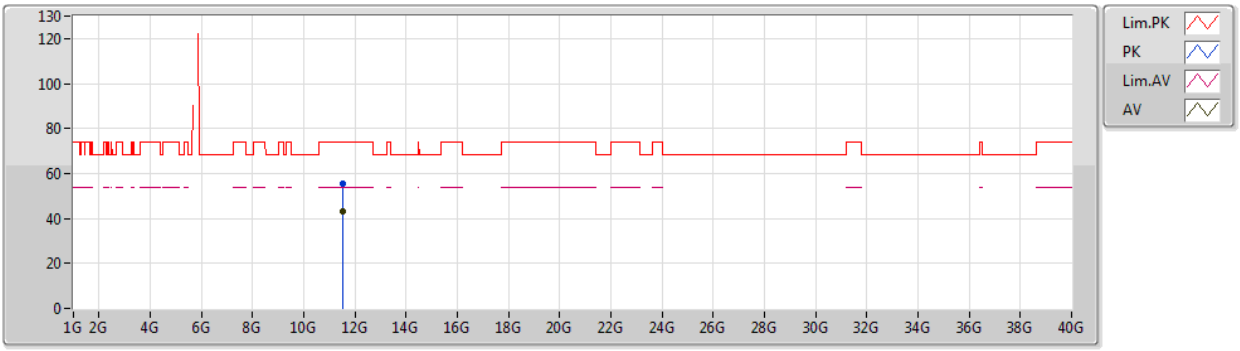
EUT Y_2TX
Setting 26
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.587G	61.69	68.20	-6.51	4.94	3	Horizontal	56	1.55	-	56.75
PK	5.746G	113.27	Inf	-Inf	5.25	3	Horizontal	56	1.55	-	108.02
AV	5.751G	104.49	Inf	-Inf	5.26	3	Horizontal	56	1.55	-	99.23
PK	5.981G	57.32	68.20	-10.88	5.79	3	Horizontal	56	1.55	-	51.53

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

13/08/2019

5755MHz_TX



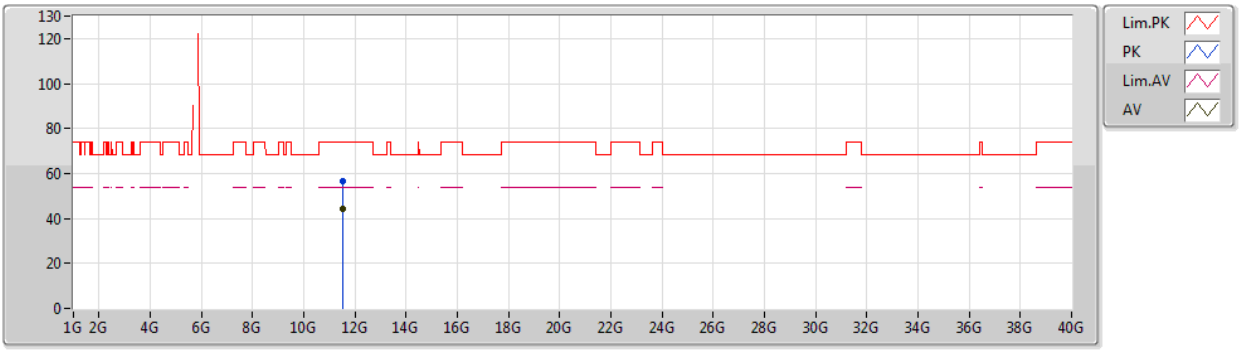
EUT Y_2TX
Setting 26
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.51606G	55.70	74.00	-18.30	13.26	3	Vertical	118	1.34	-	42.44
AV	11.52224G	43.32	54.00	-10.68	13.25	3	Vertical	118	1.34	-	30.07

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

13/08/2019

5755MHz_TX



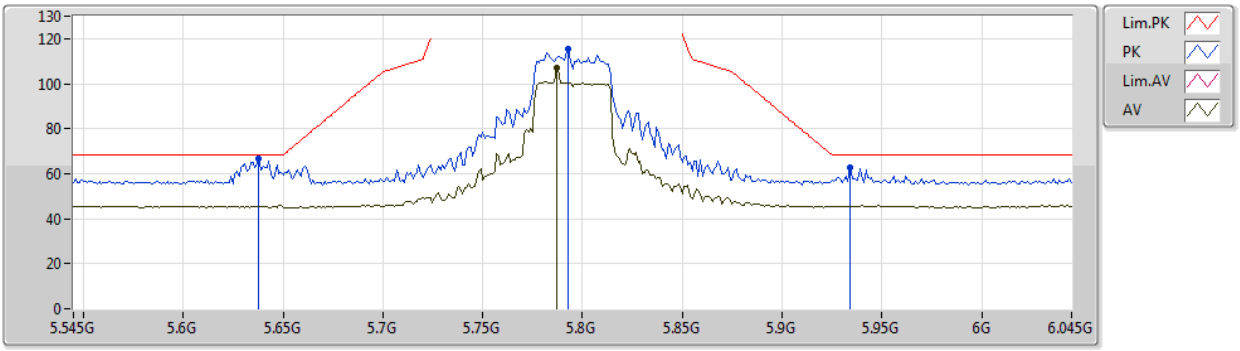
EUT Y_2TX
Setting 26
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.5133G	56.68	74.00	-17.32	13.26	3	Horizontal	308	1.60	-	43.42
AV	11.51298G	44.02	54.00	-9.98	13.26	3	Horizontal	308	1.60	-	30.76

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

13/08/2019

5795MHz_TX



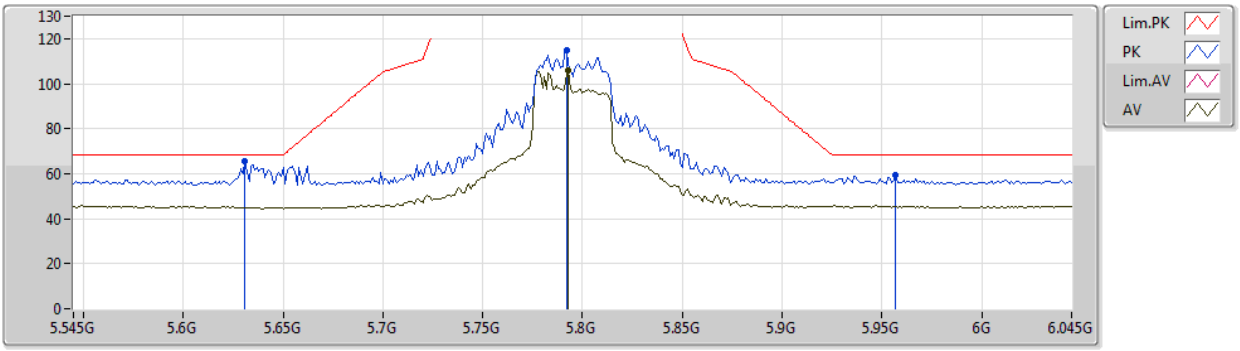
EUT Y_2TX
Setting 26
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.638G	66.58	68.20	-1.62	4.96	3	Vertical	195	1.58	-	61.62
PK	5.793G	115.49	Inf	-Inf	5.44	3	Vertical	195	1.58	-	110.05
AV	5.787G	107.03	Inf	-Inf	5.43	3	Vertical	195	1.58	-	101.60
PK	5.934G	62.48	68.20	-5.72	5.79	3	Vertical	195	1.58	-	56.69

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

13/08/2019

5795MHz_TX



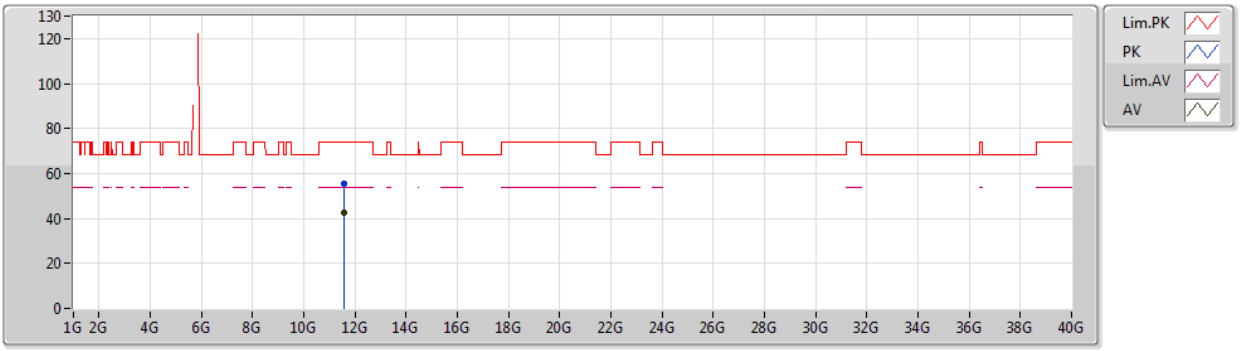
EUT Y_2TX
Setting 26
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.631G	65.44	68.20	-2.76	4.95	3	Horizontal	260	1.66	-	60.49
PK	5.792G	114.84	Inf	-Inf	5.44	3	Horizontal	260	1.66	-	109.40
AV	5.793G	105.67	Inf	-Inf	5.44	3	Horizontal	260	1.66	-	100.23
PK	5.957G	59.24	68.20	-8.96	5.79	3	Horizontal	260	1.66	-	53.45

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

13/08/2019

5795MHz_TX



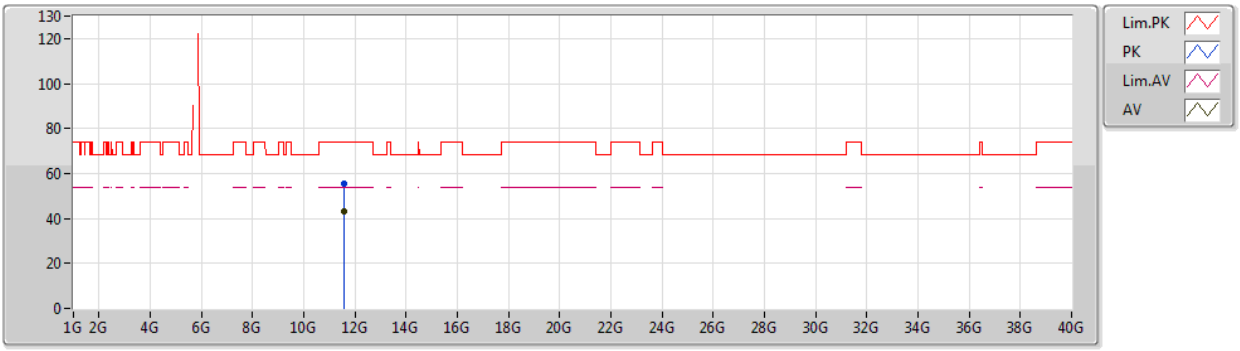
EUT Y_2TX
Setting 26
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.58604G	55.38	74.00	-18.62	13.13	3	Vertical	281	1.53	-	42.25
AV	11.5917G	42.79	54.00	-11.21	13.12	3	Vertical	281	1.53	-	29.67

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

13/08/2019

5795MHz_TX



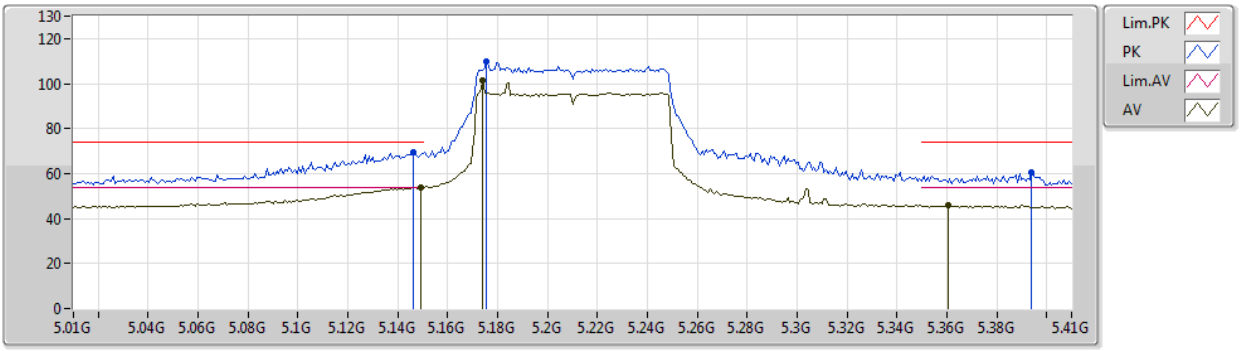
EUT Y_2TX
Setting 26
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.58592G	55.47	74.00	-18.53	13.13	3	Horizontal	328	1.34	-	42.34
AV	11.5877G	42.96	54.00	-11.04	13.14	3	Horizontal	328	1.34	-	29.82

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

14/08/2019



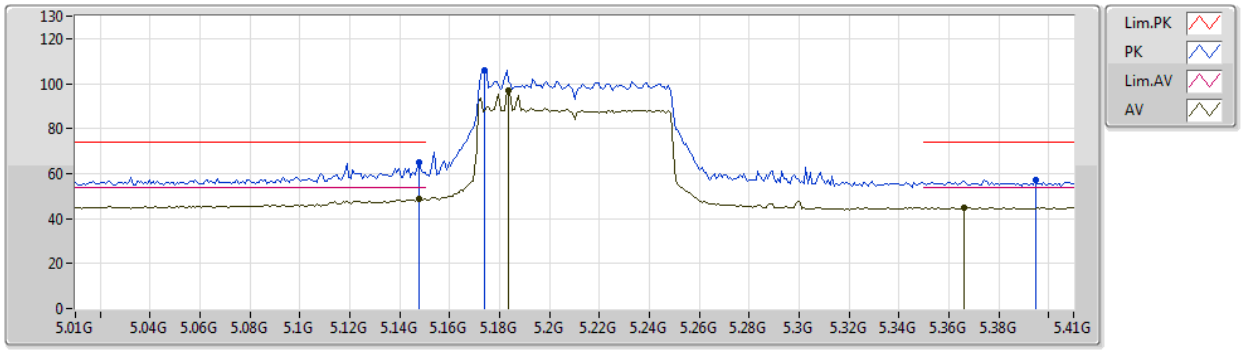
EUT Y_2TX
Setting 21
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.146G	69.28	74.00	-4.72	5.11	3	Vertical	351	1.50	-	64.17
AV	5.1492G	53.88	54.00	-0.12	5.09	3	Vertical	351	1.50	-	48.79
PK	5.1756G	109.87	Inf	-Inf	4.96	3	Vertical	351	1.50	-	104.91
AV	5.174G	101.37	Inf	-Inf	4.97	3	Vertical	351	1.50	-	96.40
PK	5.394G	60.38	74.00	-13.62	4.86	3	Vertical	351	1.50	-	55.52
AV	5.3604G	45.70	54.00	-8.30	4.70	3	Vertical	351	1.50	-	41.00

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

14/08/2019



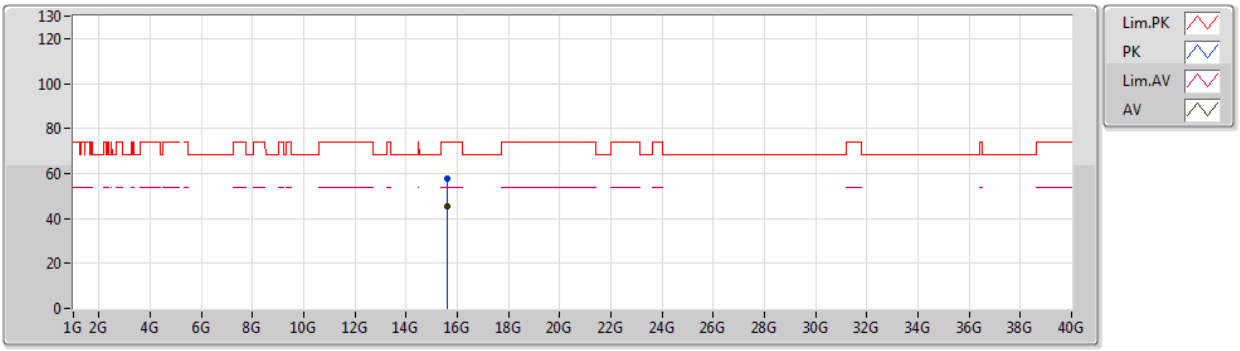
EUT Y_2TX
Setting 21
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1476G	65.21	74.00	-8.79	5.10	3	Horizontal	54	1.52	-	60.11
AV	5.1476G	48.70	54.00	-5.30	5.10	3	Horizontal	54	1.52	-	43.60
PK	5.174G	105.97	Inf	-Inf	4.97	3	Horizontal	54	1.52	-	101.00
AV	5.1836G	97.07	Inf	-Inf	4.93	3	Horizontal	54	1.52	-	92.14
PK	5.3948G	57.28	74.00	-16.72	4.86	3	Horizontal	54	1.52	-	52.42
AV	5.366G	44.96	54.00	-9.04	4.73	3	Horizontal	54	1.52	-	40.23

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

14/08/2019



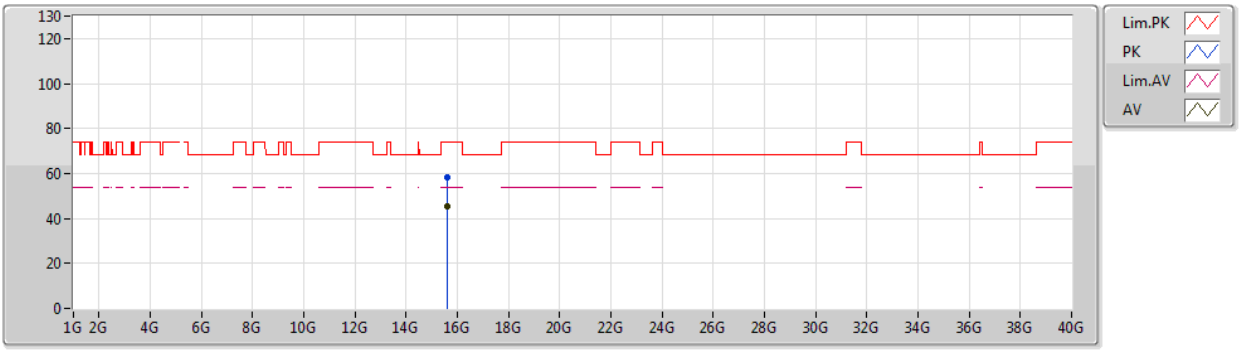
EUT Y_2TX
Setting 21
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.6288G	57.70	74.00	-16.30	14.18	3	Vertical	101	2.30	-	43.52
AV	15.61674G	45.54	54.00	-8.46	14.22	3	Vertical	101	2.30	-	31.32

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

14/08/2019



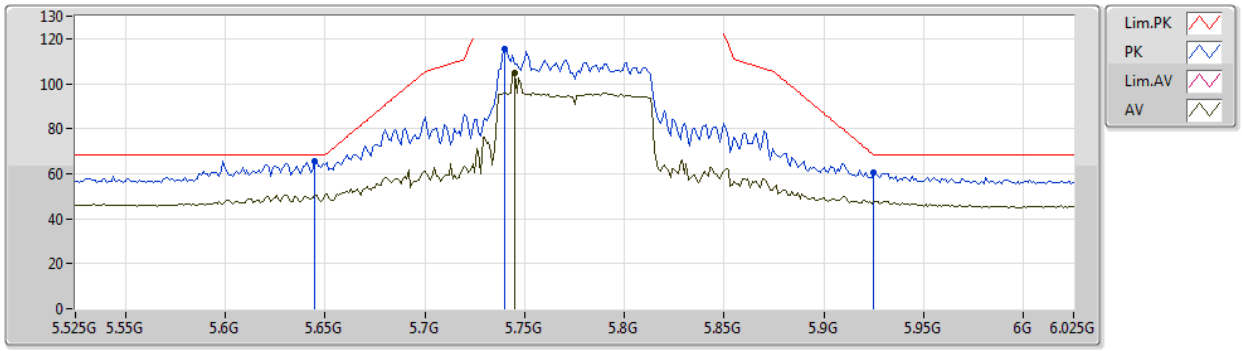
EUT Y_2TX
Setting 21
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.6282G	58.27	74.00	-15.73	14.18	3	Horizontal	66	2.90	-	44.09
AV	15.62214G	45.37	54.00	-8.63	14.20	3	Horizontal	66	2.90	-	31.17

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

14/08/2019



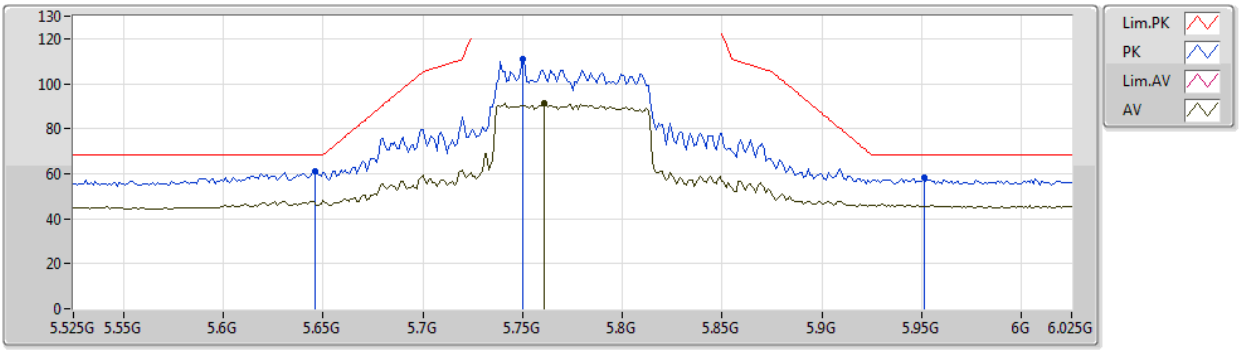
EUT Y_2TX
Setting 26
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.645G	65.74	68.20	-2.46	4.97	3	Vertical	188	1.76	-	60.77
PK	5.74G	115.71	Inf	-Inf	5.22	3	Vertical	188	1.76	-	110.49
AV	5.745G	104.94	Inf	-Inf	5.25	3	Vertical	188	1.76	-	99.69
PK	5.925G	60.76	68.20	-7.44	5.79	3	Vertical	188	1.76	-	54.97

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

14/08/2019



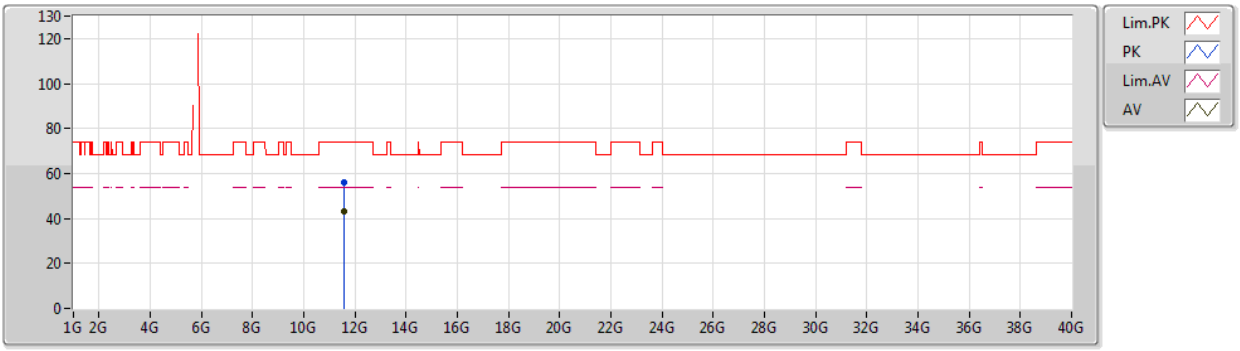
EUT Y_2TX
Setting 26
06-B-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.646G	61.00	68.20	-7.20	4.98	3	Horizontal	43	2.86	-	56.02
PK	5.75G	111.03	Inf	-Inf	5.27	3	Horizontal	43	2.86	-	105.76
AV	5.761G	91.56	Inf	-Inf	5.31	3	Horizontal	43	2.86	-	86.25
PK	5.951G	58.13	68.20	-10.07	5.79	3	Horizontal	43	2.86	-	52.34

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

14/08/2019

5775MHz_TX



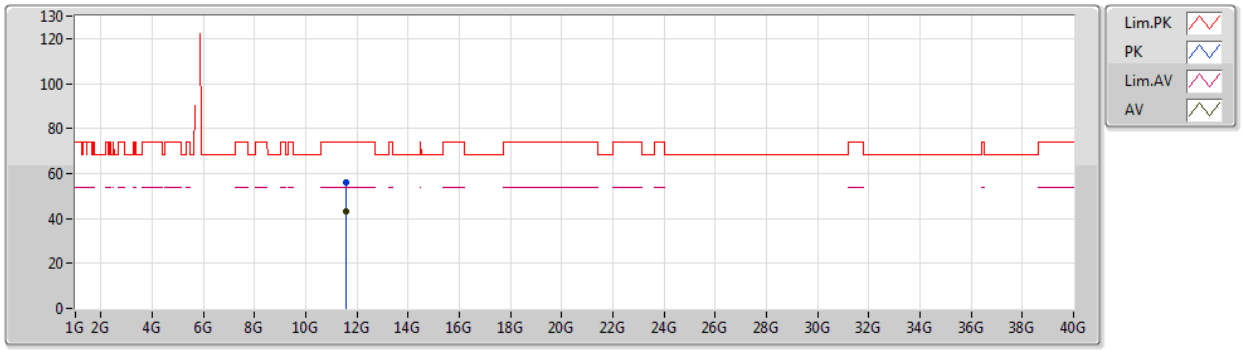
EUT Y_2TX
Setting 26
06-B-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.55732G	55.94	74.00	-18.06	13.18	3	Vertical	74	1.74	-	42.76
AV	11.55274G	43.20	54.00	-10.80	13.19	3	Vertical	74	1.74	-	30.01

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

14/08/2019

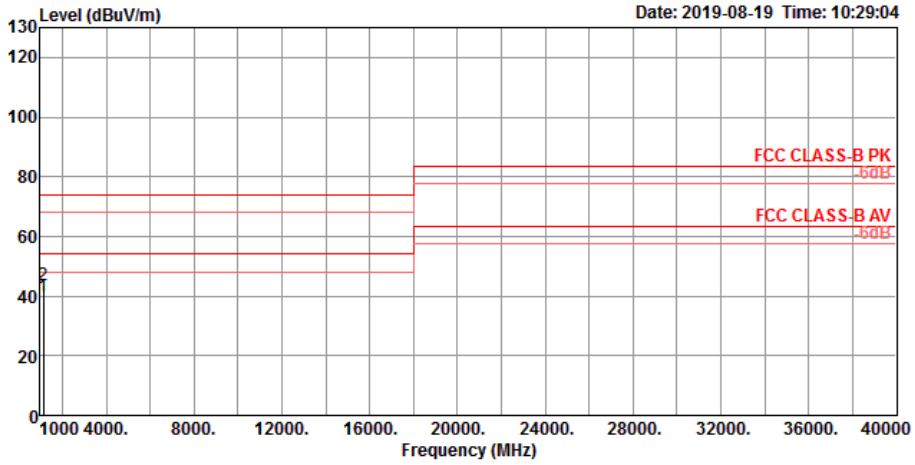
5775MHz_TX



EUT Y_2TX
Setting 26
06-B-4
FSP

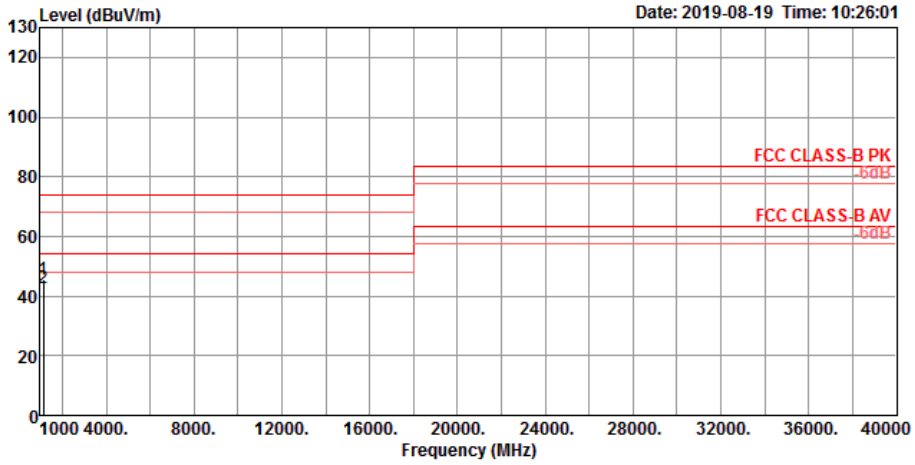
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.55564G	55.85	74.00	-18.15	13.19	3	Horizontal	266	2.48	-	42.66
AV	11.55232G	43.09	54.00	-10.91	13.19	3	Horizontal	266	2.48	-	29.90

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



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1125.11	39.95	54.00	-14.05	49.06	2.78	24.92	36.81	101	48	Average	HORIZONTAL
2	1125.14	43.82	74.00	-30.18	52.93	2.78	24.92	36.81	101	48	Peak	HORIZONTAL

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



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1125.10	45.68	74.00	-28.32	54.79	2.78	24.92	36.81	116	41	Peak	VERTICAL
2	1125.11	42.75	54.00	-11.25	51.86	2.78	24.92	36.81	116	41	Average	VERTICAL