NCC RADIO TEST REPORT

Equipment	:	AX1500 Wi-Fi 範圍擴展器
Brand Name	:	tp-link
Model Name	:	RE505X
Applicant	:	聯洲國際有限公司 新北市板橋區中山路一段 156 號 13 樓
Manufacturer	:	普聯技術有限公司 深圳市南山區深南路科技園工業廠房 24 棟南段 1,3,4,5 層，28 棟 1-4 層
Standard	:	LP0002 Section 4.7 (2018-01-10)

The product was received on Sep. 23, 2019, and testing was started from Oct. 16, 2019 and completed on Nov. 27, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

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

Approved by: Sam Chen

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

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Photographs of EUT v01

History of this test report

Report No.	Version	Description	Issued Date
TR991919AB	01	Initial issue of report	May 05, 2020

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	4.7.8	Antenna Requirement	PASS	-
3.1	2.3	AC Power-line Conducted Emissions	PASS	-
3.2	4.7.3	Emission Bandwidth	PASS	-
3.3	4.7.3	Maximum Conducted Output Power	PASS	-
3.4	4.7.3	Peak Power Spectral Density	PASS	-
3.5	4.7.4	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:

1. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.
2. The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Viola Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5610	106-122 [2]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.35GHz	802.11a	20	2TX
5.15-5.35GHz	802.11n HT20	20	2TX
5.15-5.35GHz	802.11ac VHT20	20	2TX
5.15-5.35GHz	802.11ac VHT20-BF	20	2TX
5.15-5.35GHz	802.11ax HEW20	20	2TX
5.15-5.35GHz	802.11ax HEW20-BF	20	2TX
5.15-5.35GHz	802.11n HT40	40	2TX
5.15-5.35GHz	802.11ac VHT40	40	2TX
5.15-5.35GHz	802.11ac VHT40-BF	40	2TX
5.15-5.35GHz	802.11ax HEW40	40	2TX
5.15-5.35GHz	802.11ax HEW40-BF	40	2TX
5.15-5.35GHz	802.11ac VHT80	80	2TX
5.15-5.35GHz	802.11ac VHT80-BF	80	2TX
5.15-5.35GHz	802.11ax HEW80	80	2TX
5.15-5.35GHz	802.11ax HEW80-BF	80	2TX
5.47-5.725GHz	802.11a	20	2TX
5.47-5.725GHz	802.11n HT20	20	2TX
5.47-5.725GHz	802.11ac VHT20	20	2TX

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11ac VHT20-BF	20	2TX
5.47-5.725GHz	802.11ax HEW20	20	2TX
5.47-5.725GHz	802.11ax HEW20-BF	20	2TX
5.47-5.725GHz	802.11n HT40	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.47-5.725GHz	802.11ac VHT40-BF	40	2TX
5.47-5.725GHz	802.11ax HEW40	40	2TX
5.47-5.725GHz	802.11ax HEW40-BF	40	2TX
5.47-5.725GHz	802.11ac VHT80	80	2TX
5.47-5.725GHz	802.11ac VHT80-BF	80	2TX
5.47-5.725GHz	802.11ax HEW80	80	2TX
5.47-5.725GHz	802.11ax HEW80-BF	80	2TX
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ac VHT20-BF	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20-BF	20	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	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ac VHT80-BF	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80-BF	80	2TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port		Brand	Model Name	Antenna Type	Connector	Gain (dBi)	
	WLAN 2.4GHz	WLAN 5GHz					WLAN 2.4GHz	WLAN 5GHz
1	1	2	tp-link	3101502662	Dipole	I-PEX	3	5
2	2	1	tp-link	3101502662	Dipole	I-PEX	3	5

Note: The above information was declared by manufacturer.

For 2.4GHz function:

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

Only Port 1 can be used as transmitting/receiving antenna.

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11a/n/ac/ax 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	0.952	0.21	2.065m	1k
802.11ac VHT20-BF	0.933	0.3	3.84m	300
802.11ac VHT40-BF	0.945	0.25	3.025m	1k
802.11ac VHT80-BF	0.958	0.19	3.69m	300
802.11ax HEW20-BF	0.949	0.23	3.21m	1k
802.11ax HEW40-BF	0.944	0.25	3.248m	1k
802.11ax HEW80-BF	0.937	0.28	4.17m	300

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	☐	Without beamforming
	For 802.11ac/ax in 5GHz			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	Mtool ver 3.1.0.3			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT support function

Function
AP (Master) Mode
Extender (Master + Client without radar detection) Mode

Note: The EUT supports AP and Extender mode, Extender mode only for AC power-line conducted emissions and Unwanted Emissions below 1GHz were tested and recorded in this test report by manufacturer request.

1.2 Applicable Standards

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

- LP0002 Section 4.7 (2018-01-10)
- 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	TH01-CB	Eddie Weng	24~25.8°C / 57~59%	Oct. 21, 2019 ~ Nov. 27, 2019
Radiated<1GHz (Unintentional-Normal Link)	03CH05-CB	Paul Chen	23.7~25.8°C / 55~60%	Oct. 21, 2019
Radiated<1GHz (Intentional-CTX)	03CH05-CB	KJ Chang	23.8~25°C / 56~59%	Oct. 16, 2019 ~ Nov. 05, 2019
Radiated>1GHz (Unintentional 1GHz~5th Harmonic)	03CH05-CB	Paul Chen	23.7~25.8°C / 55~60%	Oct. 21, 2019
Radiated>1GHz (Intentional 1GHz~10th Harmonic)	03CH06-CB	KJ Chang	24.1~25.7°C / 55~58%	Oct. 16, 2019 ~ Nov. 26, 2019
AC Conduction (Unintentional-Normal Link)	CO01-CB	Wei Li	23~24°C / 56~59%	Oct. 29, 2019

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

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
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	75
5200MHz	92
5240MHz	90
5260MHz	77
5300MHz	78
5320MHz	75
5500MHz	71
5580MHz	77
5700MHz	60
5745MHz	86
5785MHz	85
5825MHz	85
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	71
5200MHz	168
5240MHz	158
5260MHz	71
5300MHz	75
5320MHz	79
5500MHz	71
5580MHz	75
5700MHz	33
5745MHz	150
5785MHz	168
5825MHz	141
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	38
5230MHz	126
5270MHz	89
5310MHz	38
5510MHz	25
5550MHz	94
5670MHz	60
5755MHz	141
5795MHz	126

Mode	PowerSetting
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	35
5290MHz	35
5530MHz	28
5610MHz	94
5775MHz	60
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	63
5200MHz	178
5240MHz	158
5260MHz	75
5300MHz	79
5320MHz	79
5500MHz	50
5580MHz	79
5700MHz	30
5745MHz	150
5785MHz	150
5825MHz	150
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	35
5230MHz	126
5270MHz	75
5310MHz	42
5510MHz	28
5550MHz	84
5670MHz	63
5755MHz	141
5795MHz	126
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	42
5290MHz	35
5530MHz	28
5610MHz	28
5775MHz	75

Note:
- There are two modes of EUT. One is beamforming mode, and the other is non-beamforming mode, after evaluating, beamforming mode has been evaluated to be the worst case, so it was selected to test and record in this test report.
- VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Unintentional-Normal Link
1	Extender Mode

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	Intentional-CTX
The EUT was performed at Y axis + antenna in vertical, Z axis + antenna in 90° and Z axis + antenna in 180° position for unwanted emissions intentional above 1GHz, and the worst case was found at Y axis + antenna in vertical for 2.4GHz and Z axis + antenna in 180° for 5GHz. So the measurement will follow this same test configuration.	
1	EUT in Y axis + antenna in vertical
2	EUT in Z axis + antenna in 180°
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode < 1GHz	Unintentional-Normal Link
1	Extender Mode - EUT in Y axis + antenna in vertical
2	Extender Mode - EUT in Z axis + antenna in 90°
3	Extender Mode - EUT in Z axis + antenna in 180°
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode Unintentional 1GHz~5th	Unintentional-Normal Link
“Extender Mode - EUT in Z axis + antenna in 180°” generated the worst test result for emissions in restricted frequency bands below 1GHz unintentiona test, thus the measurement for Emissions in restricted frequency bands unintentional 1GHz~5th test will follow this same test configuration.	
1	Extender Mode - EUT in Z axis + antenna in 180°

Operating Mode Intentional 1GHz~10th	Intentional-CTX
The EUT was performed at Y axis + antenna in vertical, Z axis + antenna in 90° and Z axis + antenna in 180° position, and the worst case was found at Z axis + antenna in 180°. So the measurement will follow this same test configuration.	
1	EUT in Z axis + antenna in 180°

Note: The applicant declared that the accessories of this case were for measurement only and it would not be marketed. The accessories will be provided and inspected by the laboratory (or the applicant).

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

N/A

2.5 Support Equipment

For AC Conduction:

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

For Radiated (below 1GHz)(Unintentional-Normal Link) and Radiated (above 1GHz) (Unintentional 1GHz~5th Harmonic):

Support Equipment					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
A	Notebook	DELL	E4300	N/A	Provided by Lab.
B	Notebook	DELL	E4300	N/A	Provided by Lab.
C	Notebook	DELL	E4300	N/A	Provided by Lab.
D	WLAN AP	tp-link	RE505	N/A	Provided by applicant.

For Radiated (below 1GHz) (Intentional-CTX), Radiated (above 1GHz) (Intentional 1GHz~10th Harmonic) and RF Conducted:

Non-beamforming mode:

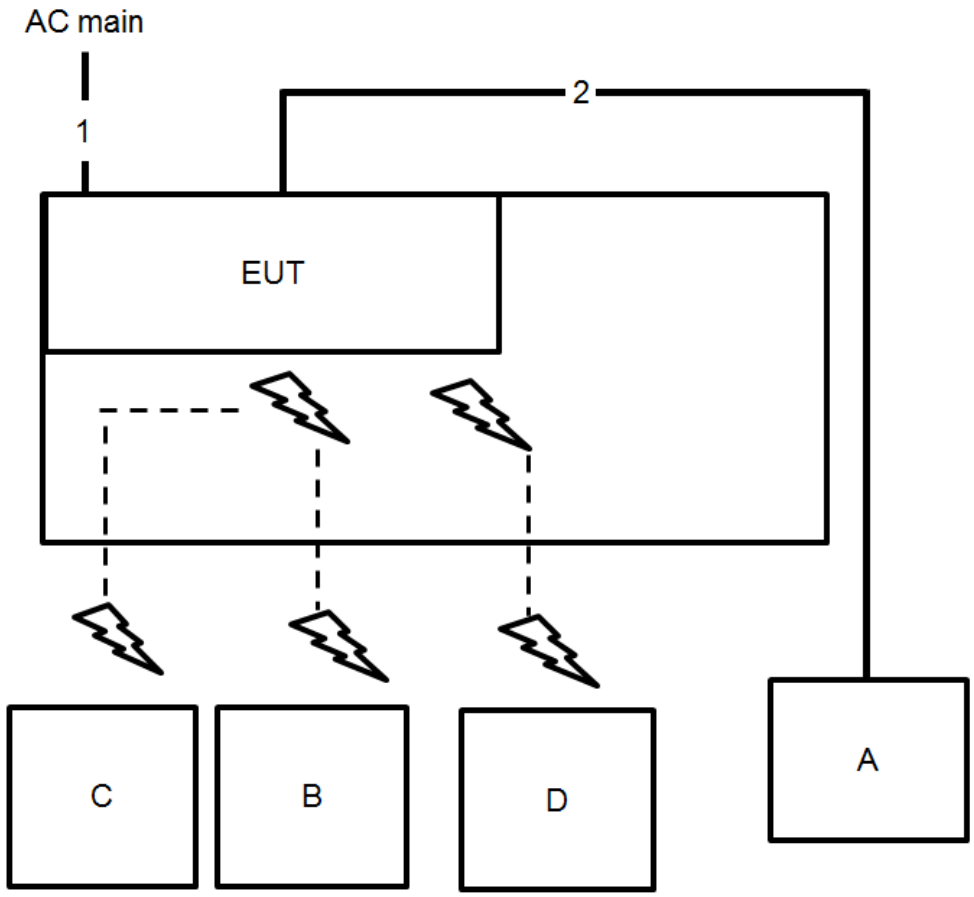
Support Equipment					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
A	Notebook	DELL	E4300	N/A	Provided by Lab.

Bbeamforming mode:

Support Equipment					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
A	Notebook	DELL	E4300	N/A	Provided by Lab.
B	RX device	tp-link	RE505	N/A	Provided by Lab.
C	Notebook	DELL	E4300	N/A	Provided by Lab.

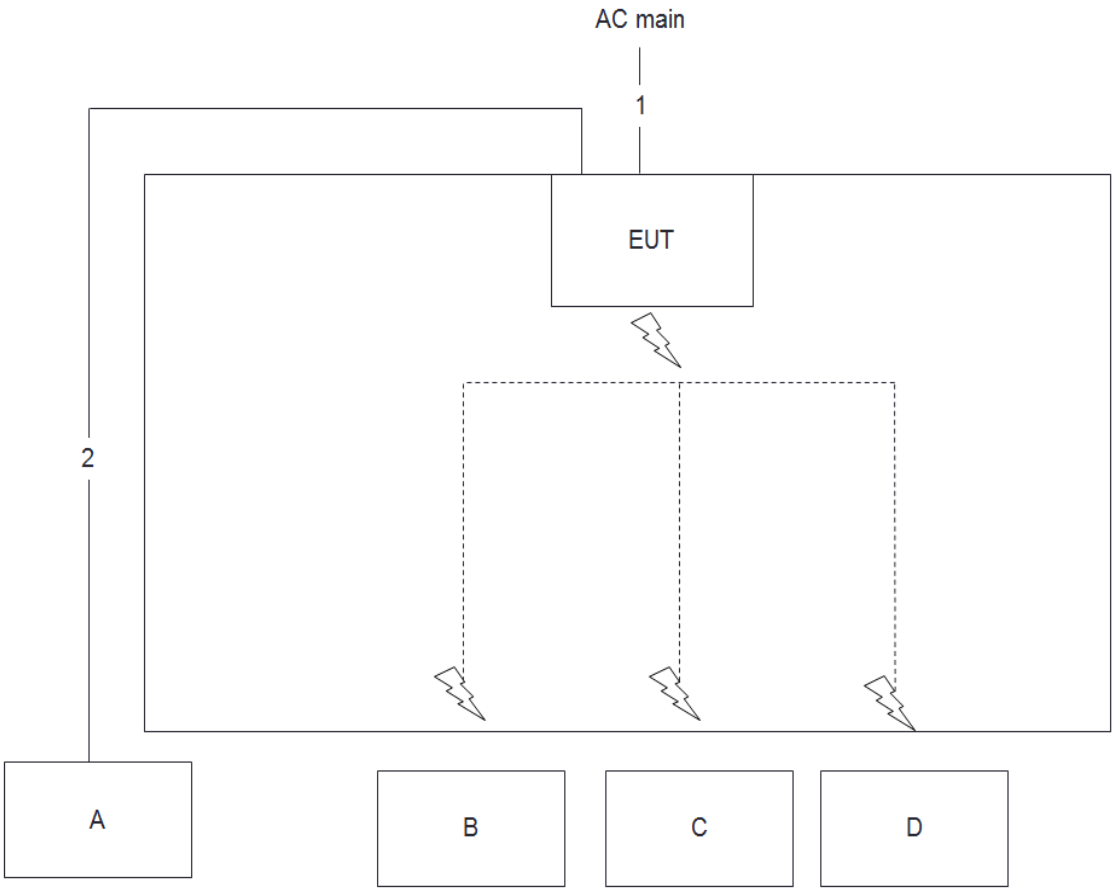
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test / (Unintentional-Normal Link)



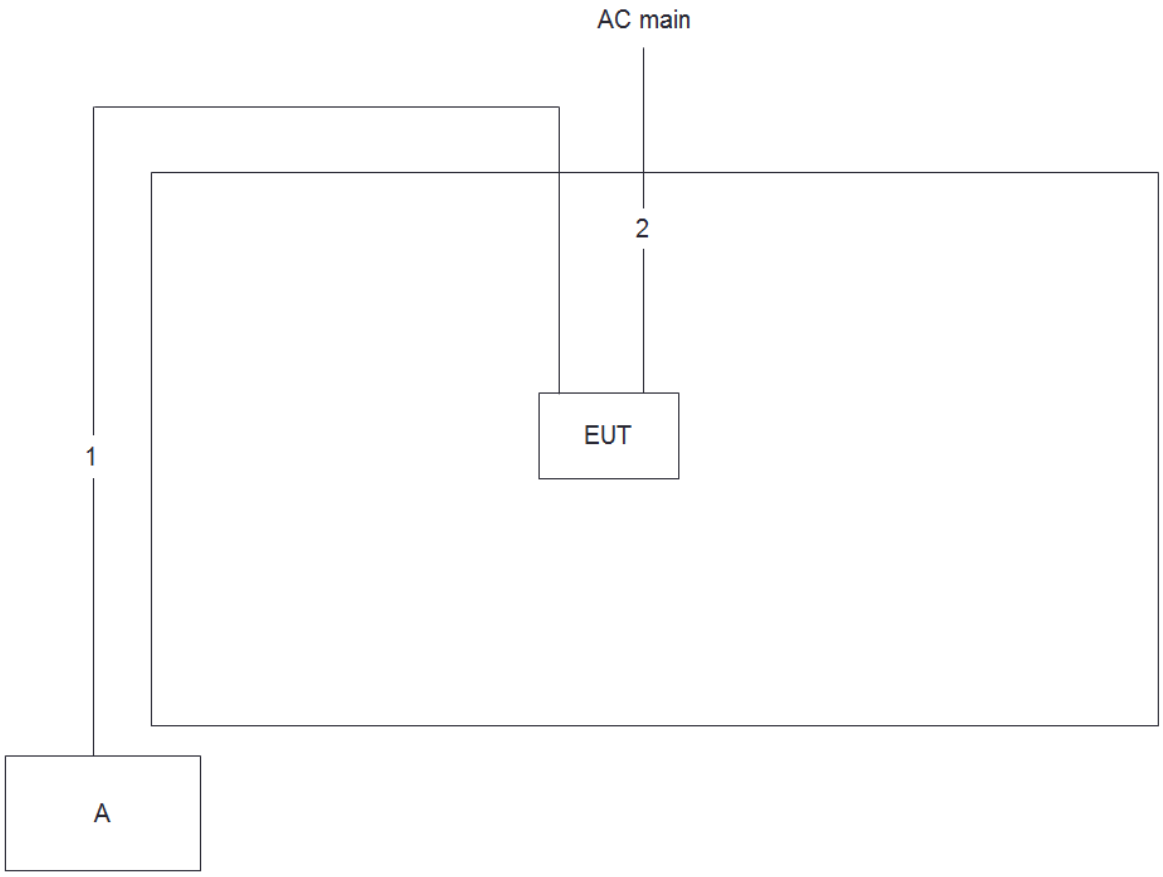
Item	Connection	Shielded	Length	Brand	Model	Remark
1	Power cable	No	1.8m	-	-	Provided by Lab.
2	RJ-45 cable	No	10m	Powersync	CLN5GBR9020	Provided by Lab.

Test Setup Diagram - Radiated Test < 1GHz / (Unintentional-CRX) and > 1GHz / (Unintentional 1GHz~5th Harmonic)



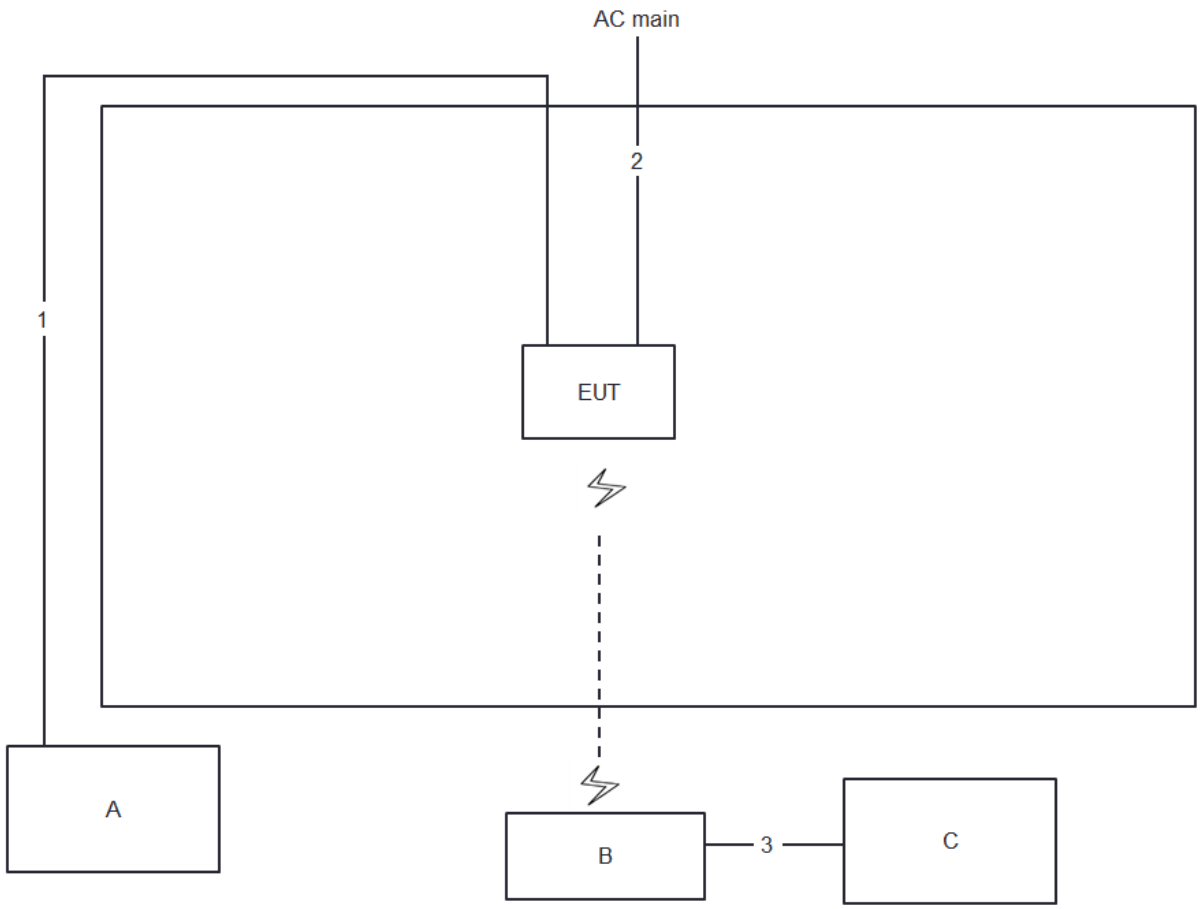
Item	Connection	Shielded	Length	Brand	Model	Remark
1	Power cable	No	1.5m	-	-	Provided by Lab.
2	RJ-45 cable	No	10m	Powersync	CLN5GBR9020	Provided by Lab.

Test Setup Diagram - Radiated Test < 1GHz / (Intentional-CTX) and > 1GHz / (Intentional 1GHz~10th Harmonic), Non-beamforming



Item	Connection	Shielded	Length	Brand	Model	Remark
1	RJ-45 cable	No	10m	Powersync	CLN5GBR9020	Provided by Lab.
2	Power cable	No	1.5m	-	-	Provided by Lab.

Test Setup Diagram - Radiated Test > 1GHz / (Intentional 1GHz~10th Harmonic), beamforming



Item	Connection	Shielded	Length	Brand	Model	Remark
1	RJ-45 cable	No	10m	Powersync	CLN5GBR9020	Provided by Lab.
2	Power cable	No	1.5m	-	-	Provided by Lab.
3	RJ-45 cable	No	1.5m	-	-	Provided by Lab.

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

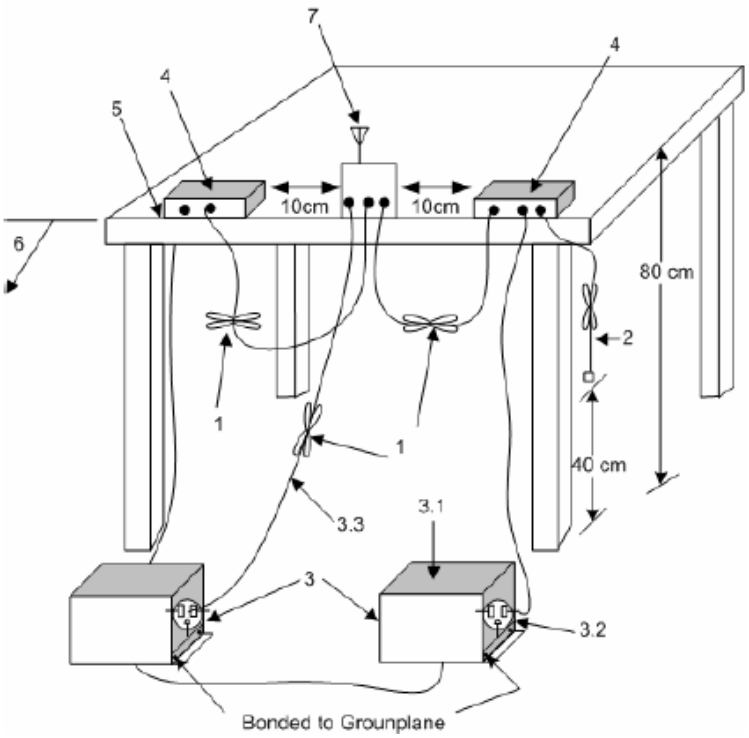
Refer a test equipment and calibration data table in this test report.

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

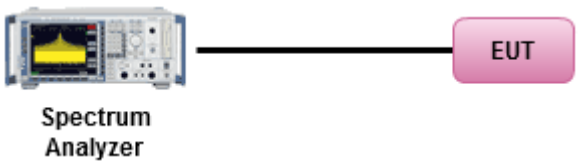
Refer a test equipment and calibration data table in this test report.

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.	

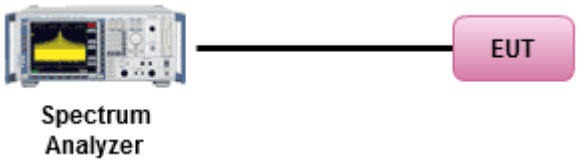
3.4.2 Measuring Instruments

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).

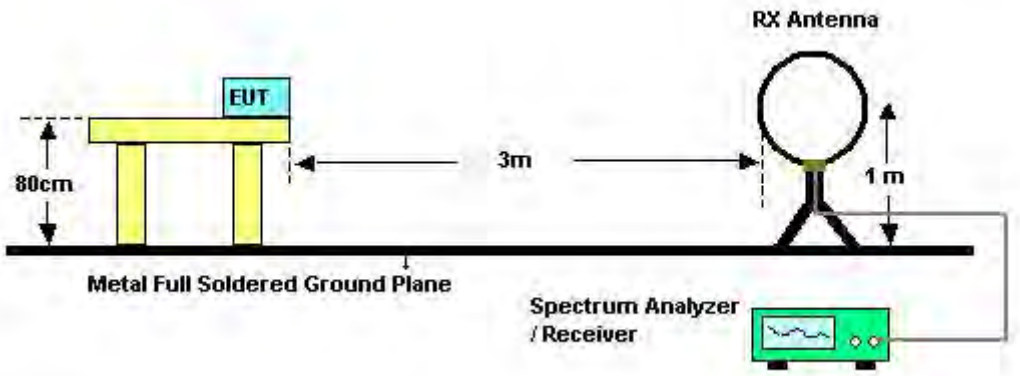
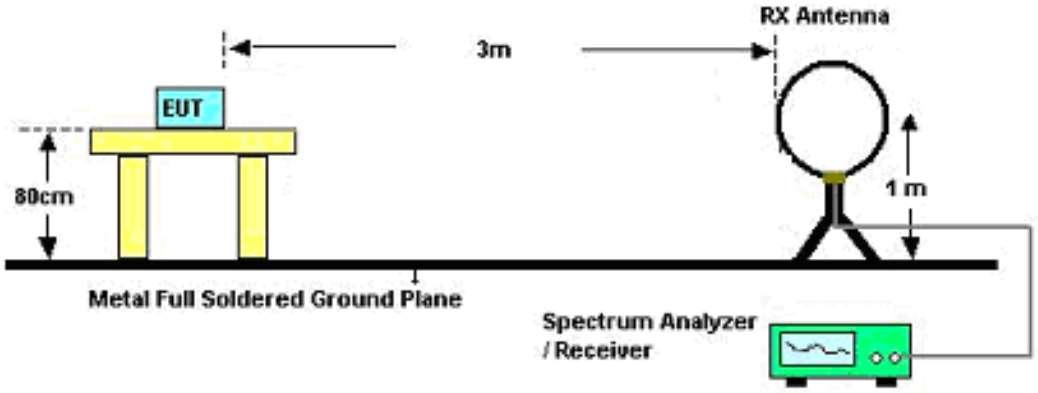
3.5.2 Measuring Instruments

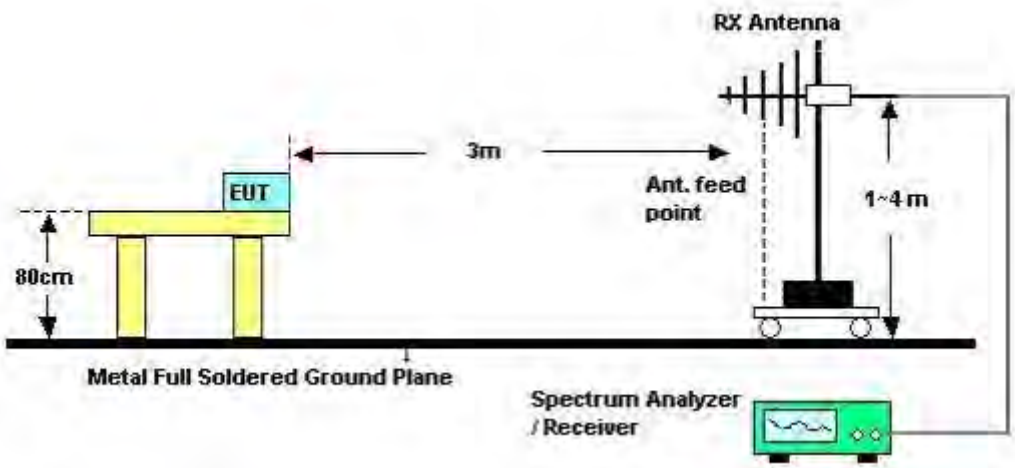
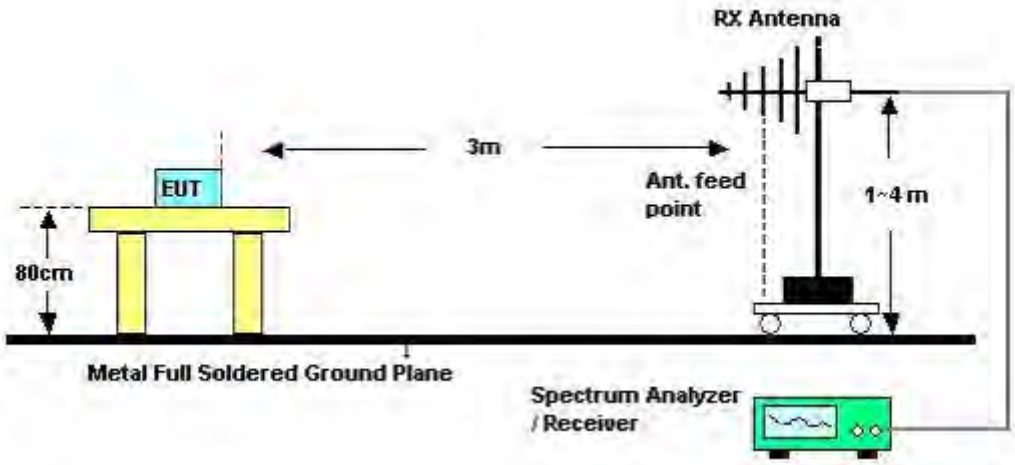
Refer a test equipment and calibration data table in this test report.

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.			

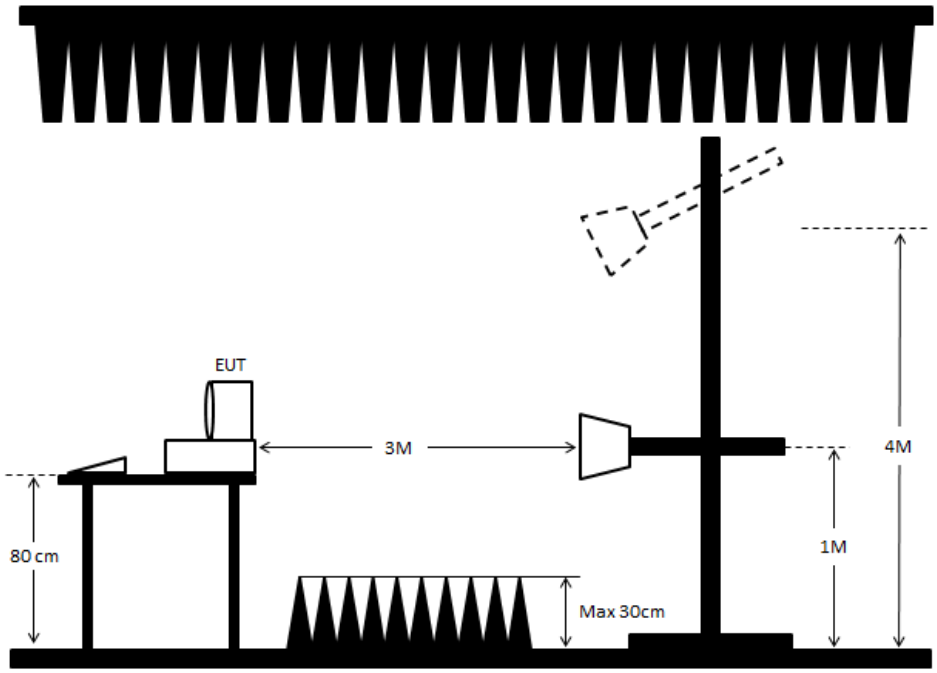
3.5.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands
9kHz ~30MHz / Unintentional – CRX

9kHz ~30MHz / Intentional – CTX


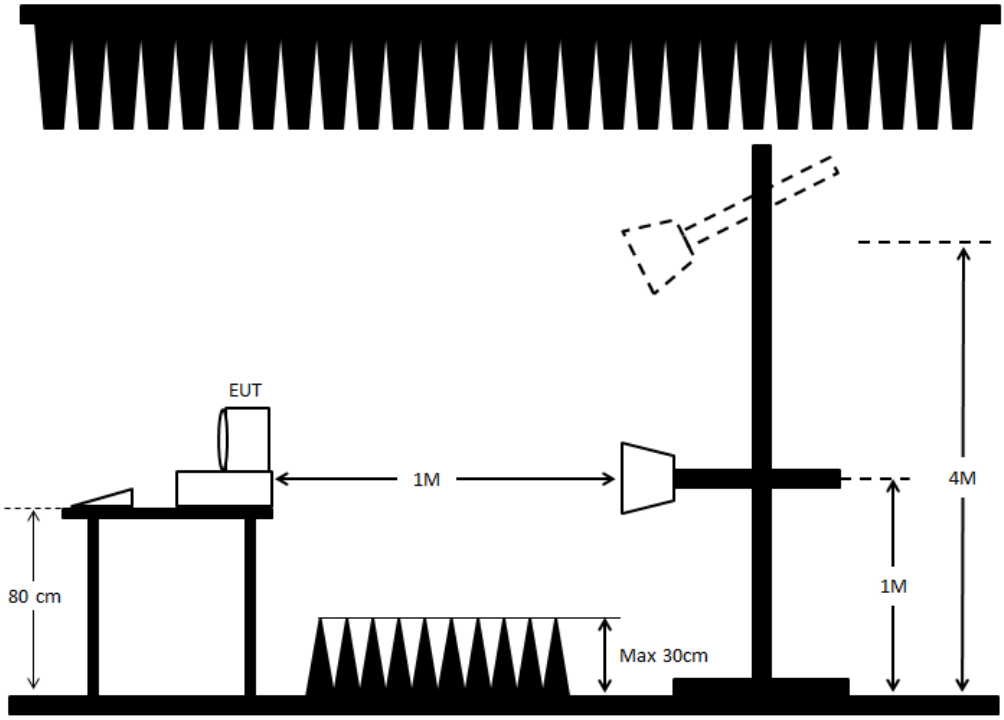
Radiated - Emissions in Restricted Frequency Bands
30MHz~1GHz / Unintentional – CRX

30MHz~1GHz / Intentional – CTX


Above 1GHz / Unintentional – CRX

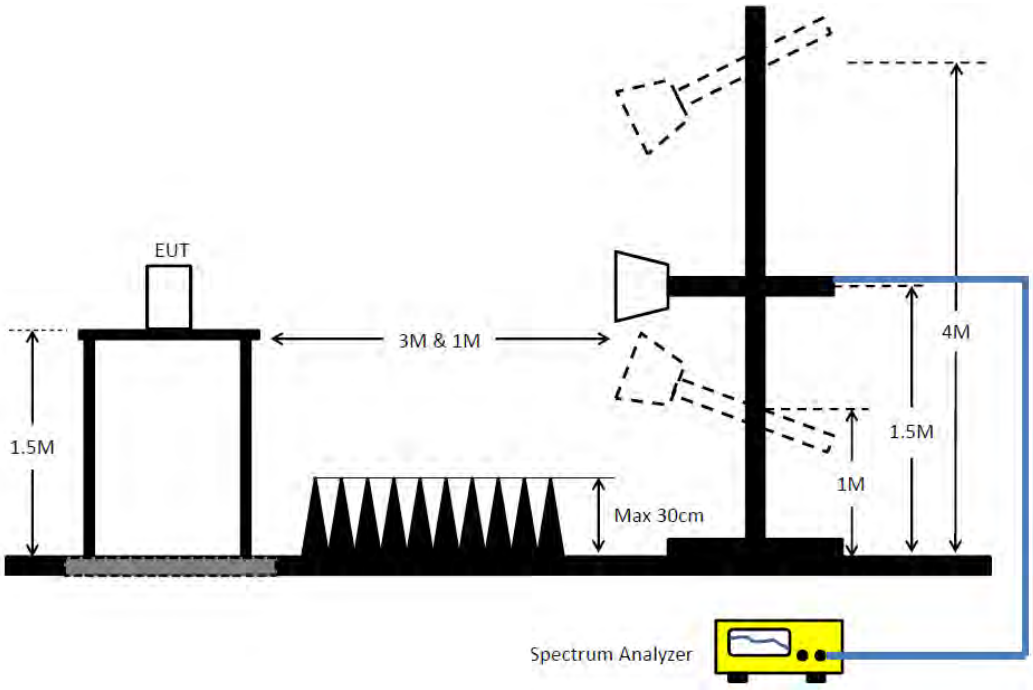
1,000~18,000 MHz



18,000~30,000 MHz



Above 1GHz / Intentional – CTX



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
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 28, 2019	Jan. 29, 2020	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 24, 2018	Dec. 23, 2019	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Jan. 11, 2019	Jan. 10, 2020	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 21, 2019	May 20, 2020	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 29, 2019	Mar. 28, 2020	Radiation (03CH05-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)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1291	1GHz~18GHz	Oct. 05, 2019	Oct. 04, 2020	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 12, 2019	Jun. 11, 2020	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 01, 2019	Apr. 30, 2020	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Mar. 28, 2019	Mar. 27, 2020	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Aug. 15, 2019	Aug. 14, 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. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+23	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	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)

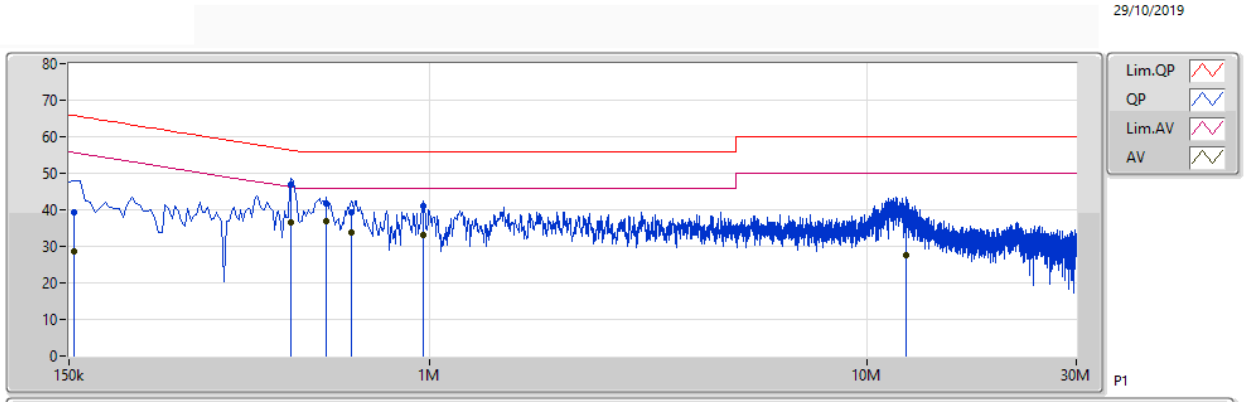
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH06-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Jan. 31, 2019	Jan. 30, 2020	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05+24	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	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. 24, 2019	Jul. 23, 2020	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Feb. 25, 2019	Feb. 24, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-28	1 GHz –26.5 GHz	Nov. 19, 2018	Nov. 18, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-28	1 GHz –26.5 GHz	Nov. 18, 2019	Nov. 17, 2020	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Jan. 15, 2019	Jan. 14, 2020	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Jan. 15, 2019	Jan. 14, 2020	Conducted (TH01-CB)

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

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

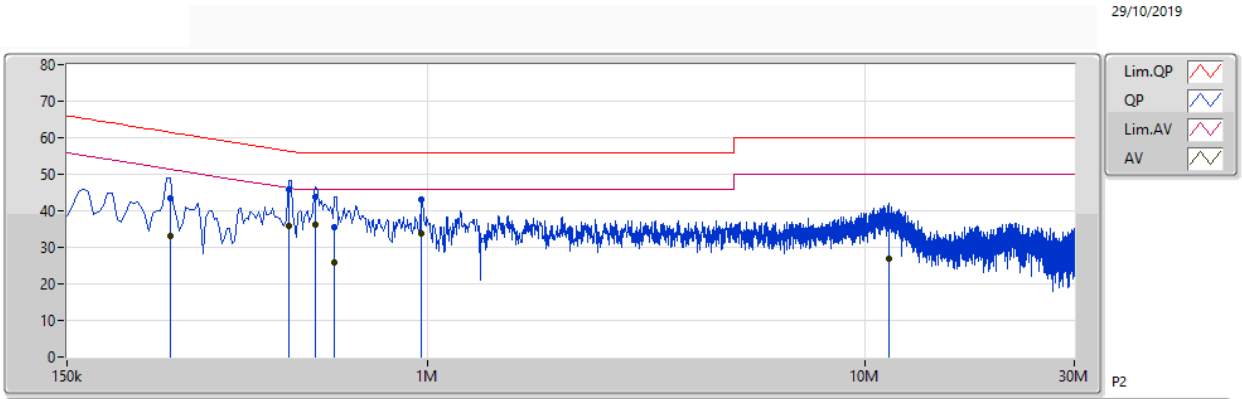
Test Mode	Mode 1	**Frequency Range**	0.15 MHz to 30 MHz

Line



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.5k	39.33	65.75	-26.42	9.90	Line	-	29.43	0.05	0.06	9.79
AV	154.5k	28.77	55.75	-26.98	9.90	Line	-	18.87	0.05	0.06	9.79
QP	483k	46.78	56.29	-9.51	9.94	Line	-	36.84	0.06	0.07	9.81
AV	483k	36.39	46.29	-9.90	9.94	Line	-	26.45	0.06	0.07	9.81
QP	582k	41.76	56.00	-14.24	9.94	Line	-	31.82	0.06	0.07	9.81
AV	582k	36.86	46.00	-9.14	9.94	Line	"Worst"	26.92	0.06	0.07	9.81
QP	663k	39.27	56.00	-16.73	9.97	Line	-	29.30	0.07	0.08	9.82
AV	663k	33.69	46.00	-12.31	9.97	Line	-	23.72	0.07	0.08	9.82
QP	964.5k	40.90	56.00	-15.10	9.98	Line	-	30.92	0.07	0.09	9.82
AV	964.5k	33.26	46.00	-12.74	9.98	Line	-	23.28	0.07	0.09	9.82
QP	12.287M	37.66	60.00	-22.34	10.37	Line	-	27.29	0.23	0.22	9.92
AV	12.287M	27.60	50.00	-22.40	10.37	Line	-	17.23	0.23	0.22	9.92

Neutral



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	258k	43.50	61.49	-17.99	9.90	Neutral	-	33.60	0.04	0.06	9.80
AV	258k	33.04	51.49	-18.45	9.90	Neutral	-	23.14	0.04	0.06	9.80
QP	483k	45.82	56.29	-10.47	9.92	Neutral	-	35.90	0.04	0.07	9.81
AV	483k	35.78	46.29	-10.51	9.92	Neutral	-	25.86	0.04	0.07	9.81
QP	555k	43.76	56.00	-12.24	9.93	Neutral	-	33.83	0.05	0.07	9.81
AV	555k	36.12	46.00	-9.88	9.93	Neutral	"Worst"	26.19	0.05	0.07	9.81
QP	613.5k	35.65	56.00	-20.35	9.93	Neutral	-	25.72	0.05	0.07	9.81
AV	613.5k	26.03	46.00	-19.97	9.93	Neutral	-	16.10	0.05	0.07	9.81
QP	969k	43.22	56.00	-12.78	9.97	Neutral	-	33.25	0.06	0.09	9.82
AV	969k	33.92	46.00	-12.08	9.97	Neutral	-	23.95	0.06	0.09	9.82
QP	11.306M	37.32	60.00	-22.68	10.35	Neutral	-	26.97	0.20	0.23	9.92
AV	11.306M	27.05	50.00	-22.95	10.35	Neutral	-	16.70	0.20	0.23	9.92

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	44.7M	23.763M	23M8D7W	22.025M	16.492M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	45.9M	23.568M	23M6D7W	23.37M	17.841M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	79.62M	36.702M	36M7D7W	40.62M	36.222M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	81.84M	75.922M	75M9D7W	80.76M	75.682M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	51.57M	24.438M	24M4D7W	21.75M	18.981M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	79.5M	38.021M	38M0D7W	40.02M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81M	77.121M	77M1D7W	80.64M	76.882M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	27.05M	16.667M	16M7D7W	22.1M	16.542M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	23.97M	17.871M	17M9D7W	22.17M	17.781M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	86.94M	38.381M	38M4D7W	39.78M	36.222M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	81.24M	75.922M	75M9D7W	80.76M	75.682M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	28.98M	19.01M	19M0D7W	22.77M	18.981M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	54.6M	37.721M	37M7D7W	40.14M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	80.88M	77.121M	77M1D7W	80.64M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	27.425M	16.642M	16M6D7W	21.25M	16.492M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	28.98M	17.901M	17M9D7W	21.69M	17.721M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	74.4M	36.522M	36M5D7W	39.84M	36.222M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	109.92M	76.042M	76M0D7W	80.76M	75.682M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	35.61M	19.07M	19M1D7W	21.51M	18.921M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	70.56M	37.781M	37M8D7W	40.02M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.36M	77.121M	77M1D7W	80.88M	77.001M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.325M	22.489M	22M5D7W	16.25M	17.966M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	17.67M	43.718M	43M7D7W	17.37M	27.946M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	36.3M	59.01M	59M0D7W	35.28M	53.493M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	75.48M	75.922M	75M9D7W	74.76M	75.922M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.96M	34.003M	34M0D7W	18.6M	31.184M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.5M	59.79M	59M8D7W	34.98M	53.433M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	76.08M	77.601M	77M6D7W	75.12M	77.361M

Max-N dB = Maximum 6dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; **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	27.575M	16.642M	22.025M	16.492M
5200MHz	Pass	Inf	44.7M	23.763M	43.475M	22.189M
5240MHz	Pass	Inf	43.45M	19.165M	42.2M	18.316M
5260MHz	Pass	Inf	27.05M	16.667M	26.9M	16.617M
5300MHz	Pass	Inf	26.9M	16.592M	26.95M	16.617M
5320MHz	Pass	Inf	25.875M	16.542M	22.1M	16.567M
5500MHz	Pass	Inf	21.9M	16.592M	21.85M	16.567M
5580MHz	Pass	Inf	27.425M	16.642M	22.075M	16.592M
5700MHz	Pass	Inf	21.525M	16.492M	21.25M	16.567M
5745MHz	Pass	500k	16.325M	22.489M	16.325M	18.041M
5785MHz	Pass	500k	16.325M	20.365M	16.3M	17.966M
5825MHz	Pass	500k	16.25M	21.139M	16.325M	19.49M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	29.1M	17.871M	23.37M	17.841M
5200MHz	Pass	Inf	45.9M	23.568M	44.82M	21.439M
5240MHz	Pass	Inf	43.86M	19.55M	40.86M	18.681M
5260MHz	Pass	Inf	23.97M	17.841M	22.59M	17.781M
5300MHz	Pass	Inf	22.17M	17.811M	23.76M	17.841M
5320MHz	Pass	Inf	23.19M	17.871M	22.68M	17.781M
5500MHz	Pass	Inf	26.55M	17.901M	24.03M	17.781M
5580MHz	Pass	Inf	28.98M	17.871M	22.74M	17.811M
5700MHz	Pass	Inf	21.78M	17.751M	21.69M	17.721M
5745MHz	Pass	500k	17.64M	28.456M	17.58M	28.816M
5785MHz	Pass	500k	17.67M	43.718M	17.61M	43.448M
5825MHz	Pass	500k	17.64M	28.066M	17.37M	27.946M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.62M	36.222M	40.74M	36.282M
5230MHz	Pass	Inf	75.12M	36.642M	79.62M	36.702M
5270MHz	Pass	Inf	86.94M	38.381M	70.2M	36.702M
5310MHz	Pass	Inf	40.08M	36.282M	39.78M	36.222M
5510MHz	Pass	Inf	39.84M	36.282M	40.38M	36.282M
5550MHz	Pass	Inf	74.22M	36.522M	74.4M	36.522M
5670MHz	Pass	Inf	48.36M	36.282M	45.6M	36.222M
5755MHz	Pass	500k	35.28M	59.01M	36.3M	58.471M
5795MHz	Pass	500k	36.3M	53.913M	36.3M	53.493M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.84M	75.922M	80.76M	75.682M
5290MHz	Pass	Inf	80.76M	75.922M	81.24M	75.682M
5530MHz	Pass	Inf	80.76M	75.682M	82.8M	75.922M
5610MHz	Pass	Inf	109.92M	75.922M	81.84M	76.042M
5775MHz	Pass	500k	74.76M	75.922M	75.48M	75.922M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	29.04M	18.981M	21.75M	18.981M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5200MHz	Pass	Inf	51.57M	24.438M	48.63M	21.079M
5240MHz	Pass	Inf	44.67M	19.7M	45.69M	19.4M
5260MHz	Pass	Inf	28.98M	18.981M	28.62M	18.981M
5300MHz	Pass	Inf	23.43M	18.981M	25.44M	19.01M
5320MHz	Pass	Inf	23.07M	18.981M	22.77M	18.981M
5500MHz	Pass	Inf	28.29M	18.981M	21.6M	18.951M
5580MHz	Pass	Inf	35.61M	19.07M	28.71M	18.951M
5700MHz	Pass	Inf	21.57M	18.951M	21.51M	18.921M
5745MHz	Pass	500k	18.96M	31.184M	18.96M	31.274M
5785MHz	Pass	500k	18.66M	32.744M	18.84M	33.553M
5825MHz	Pass	500k	18.6M	33.523M	18.63M	34.003M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.08M	37.601M	40.02M	37.541M
5230MHz	Pass	Inf	79.5M	38.021M	78.84M	38.021M
5270MHz	Pass	Inf	51.18M	37.721M	54.6M	37.721M
5310MHz	Pass	Inf	40.44M	37.541M	40.14M	37.541M
5510MHz	Pass	Inf	40.26M	37.541M	40.02M	37.541M
5550MHz	Pass	Inf	70.56M	37.781M	58.5M	37.721M
5670MHz	Pass	Inf	45.84M	37.601M	46.38M	37.601M
5755MHz	Pass	500k	37.5M	59.55M	37.44M	59.79M
5795MHz	Pass	500k	35.46M	53.433M	34.98M	53.553M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.64M	77.121M	81M	76.882M
5290MHz	Pass	Inf	80.88M	77.121M	80.64M	77.001M
5530MHz	Pass	Inf	81M	77.121M	80.88M	77.001M
5610MHz	Pass	Inf	81.36M	77.001M	81.12M	77.001M
5775MHz	Pass	500k	76.08M	77.361M	75.12M	77.601M

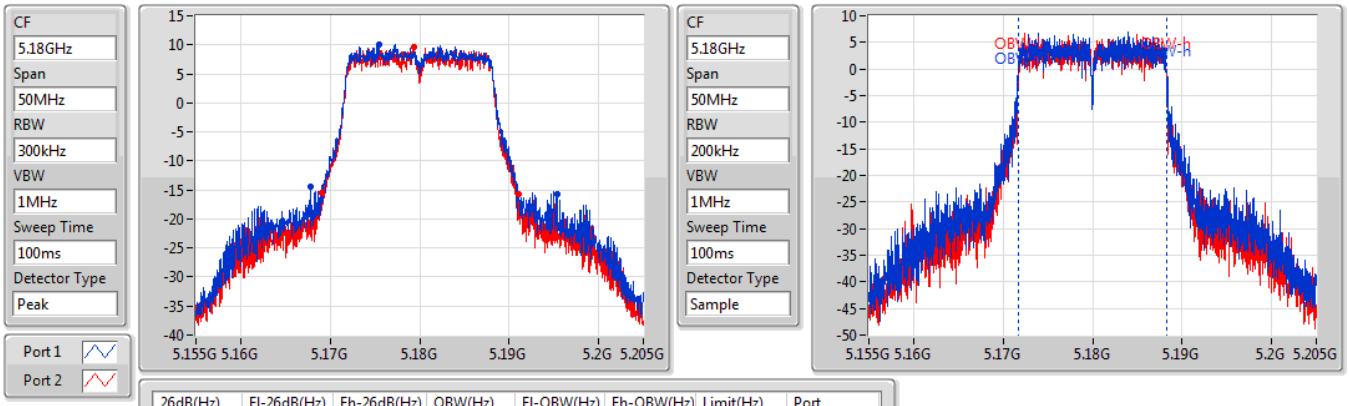
Port X-N dB = Port **X** 6dB down bandwidth; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

21/10/2019



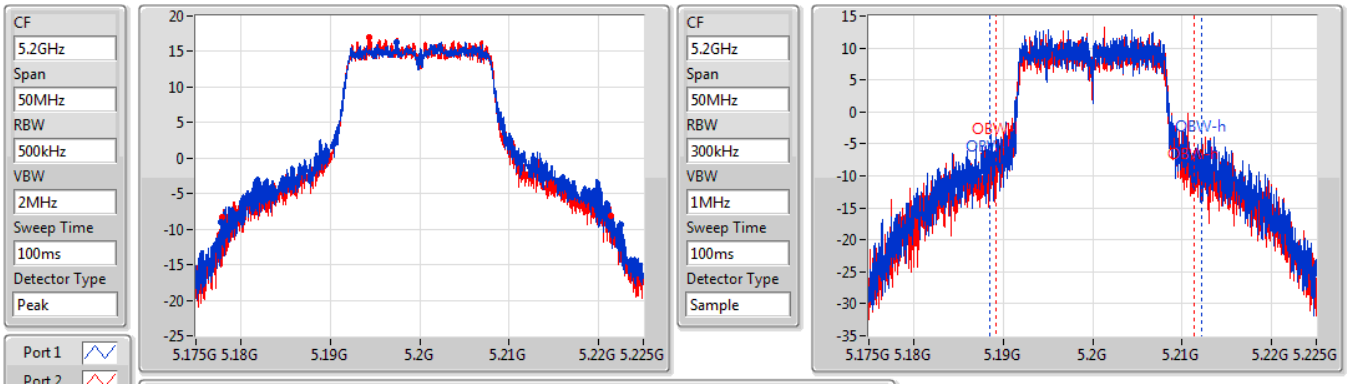
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.575M	5.16775G	5.195325G	16.642M	5.171654G	5.188296G	Inf	1
22.025M	5.169075G	5.1911G	16.492M	5.171729G	5.188221G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

21/10/2019



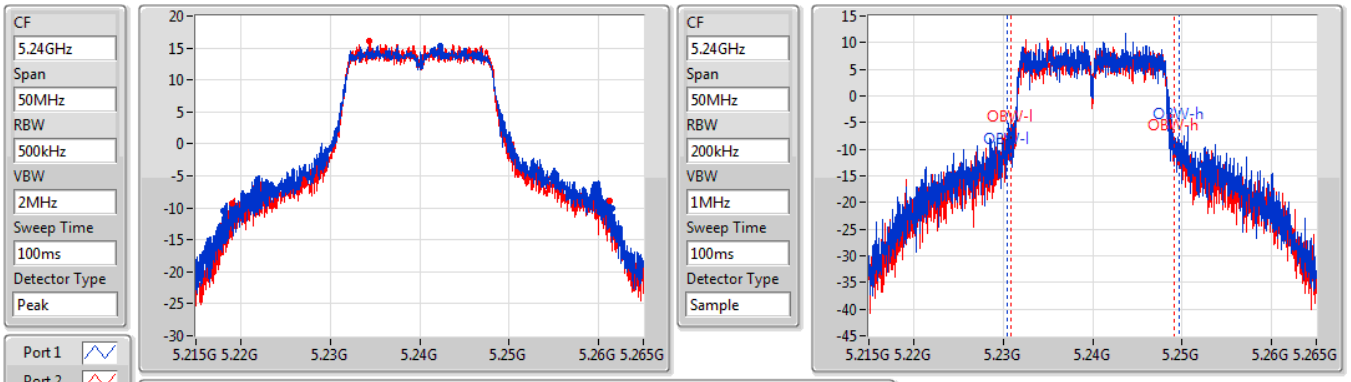
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.7M	5.17785G	5.22255G	23.763M	5.188481G	5.212244G	Inf	1
43.475M	5.17795G	5.221425G	22.189M	5.189155G	5.211344G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

21/10/2019



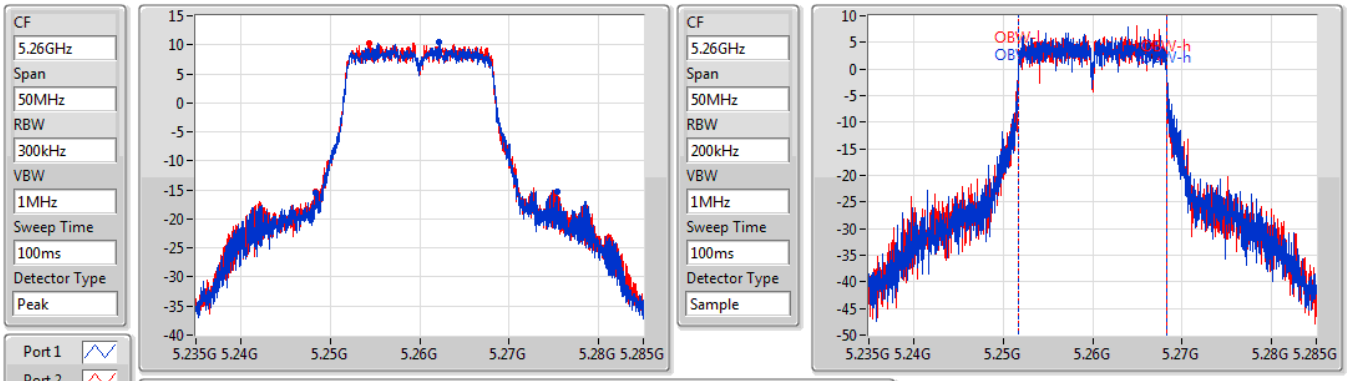
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.45M	5.21805G	5.2615G	19.165M	5.23048G	5.249645G	Inf	1
42.2M	5.219075G	5.261275G	18.316M	5.230855G	5.24917G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

21/10/2019



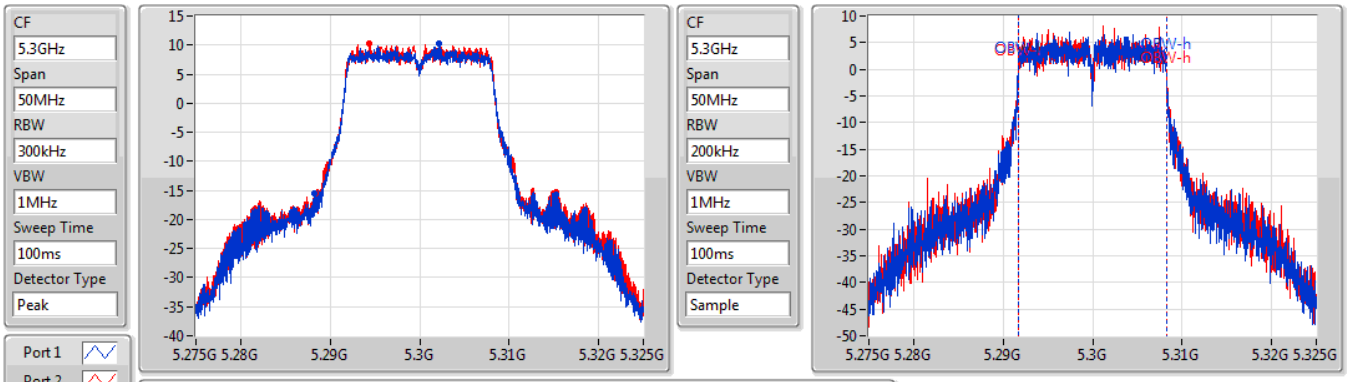
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.05M	5.24835G	5.2754G	16.667M	5.251654G	5.268321G	Inf	1
26.9M	5.248325G	5.275225G	16.617M	5.251679G	5.268296G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

21/10/2019



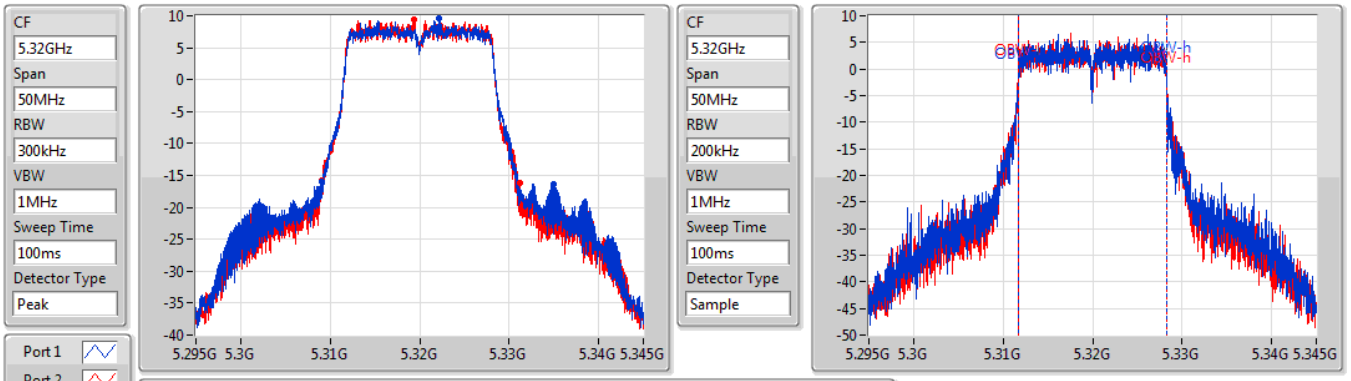
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.9M	5.2883G	5.3152G	16.592M	5.291679G	5.308271G	Inf	1
26.95M	5.288325G	5.315275G	16.617M	5.291654G	5.308271G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

21/10/2019



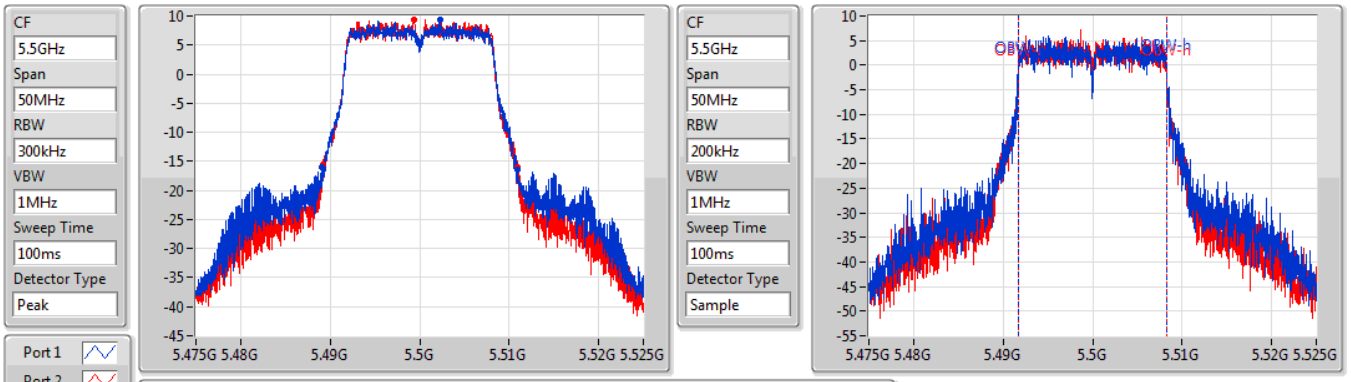
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.875M	5.3091G	5.334975G	16.542M	5.311704G	5.328246G	Inf	1
22.1M	5.30905G	5.33115G	16.567M	5.311704G	5.328271G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

21/10/2019



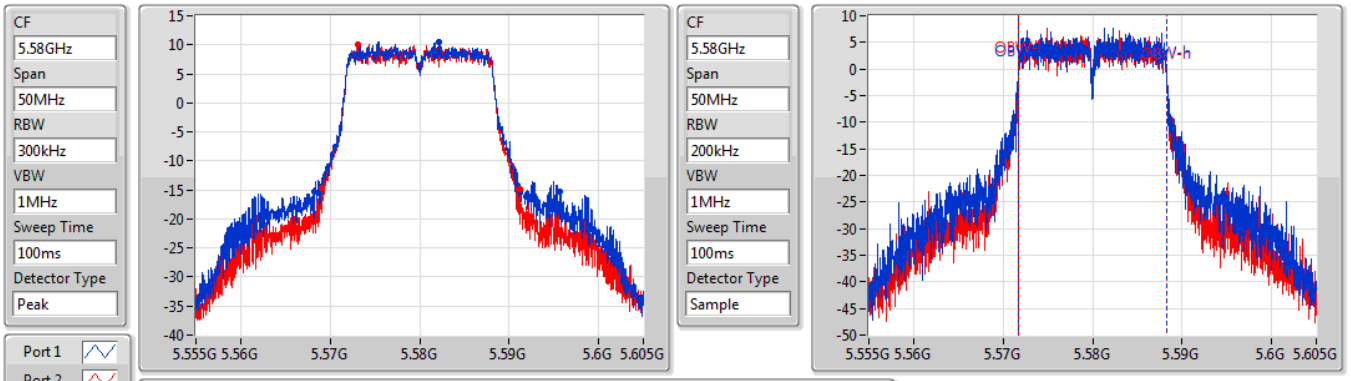
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.9M	5.4891G	5.511G	16.592M	5.491704G	5.508296G	Inf	1
21.85M	5.48915G	5.511G	16.567M	5.491704G	5.508271G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

21/10/2019



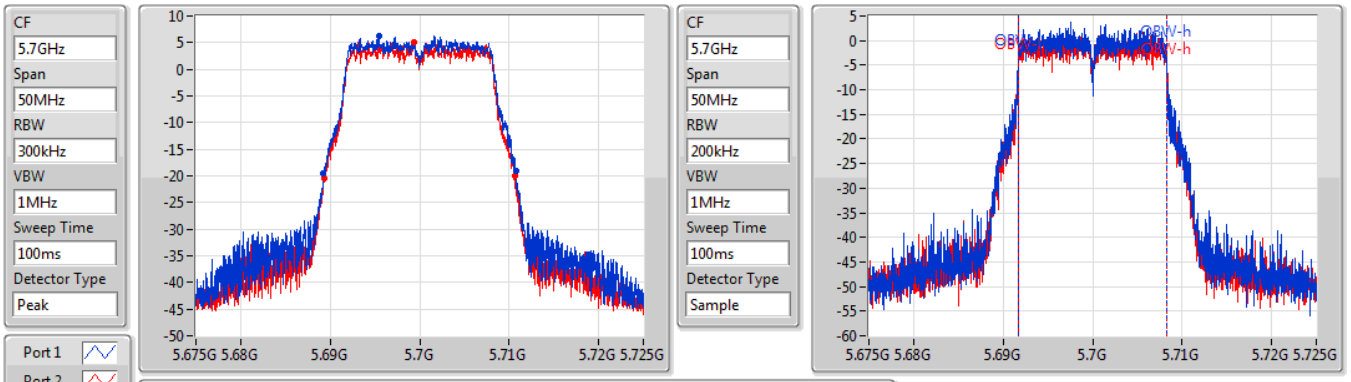
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.425M	5.56825G	5.595675G	16.642M	5.571654G	5.588296G	Inf	1
22.075M	5.569075G	5.59115G	16.592M	5.571704G	5.588296G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5700MHz

21/10/2019



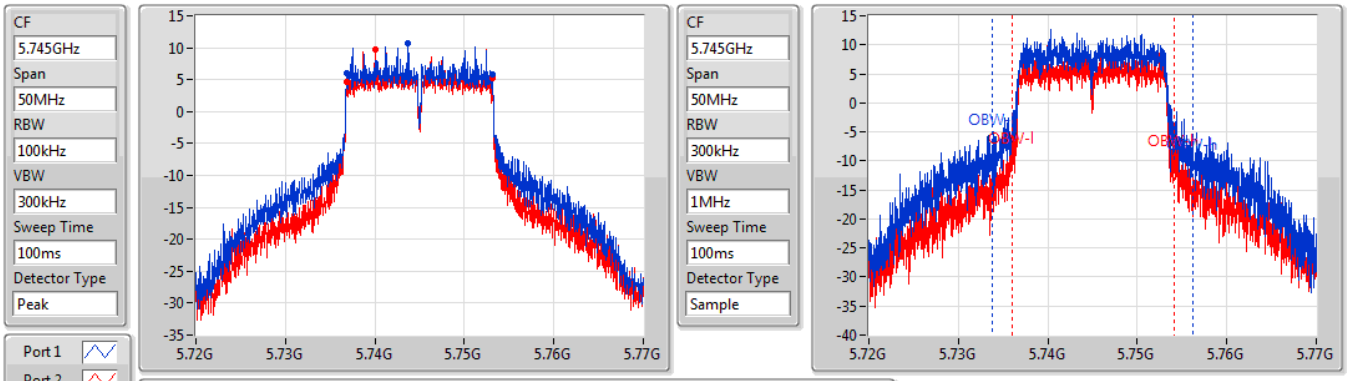
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.525M	5.689275G	5.7108G	16.492M	5.691729G	5.708221G	Inf	1
21.25M	5.68935G	5.7106G	16.567M	5.691704G	5.708271G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

21/10/2019



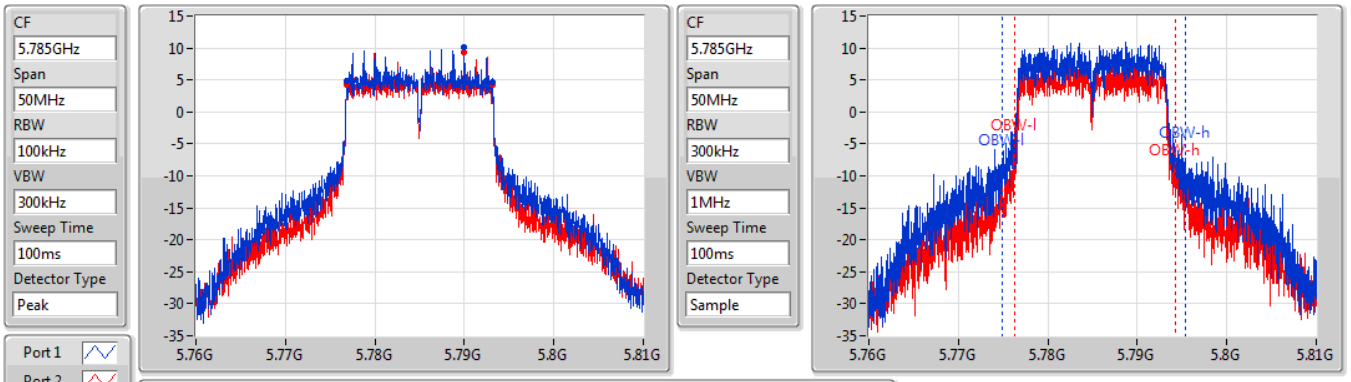
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	5.736825G	5.75315G	22.489M	5.733781G	5.756269G	500k	1
16.325M	5.736825G	5.75315G	18.041M	5.736029G	5.75407G	500k	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

21/10/2019



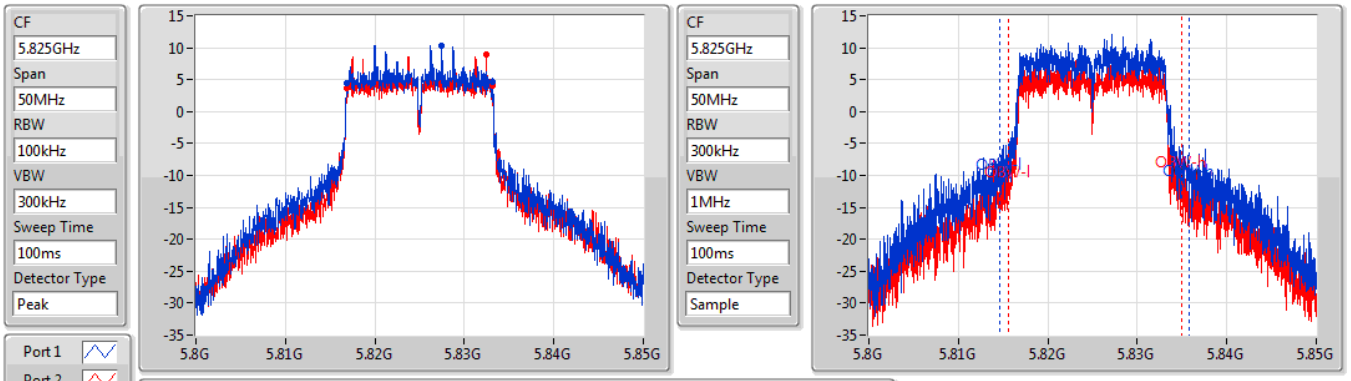
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	5.776825G	5.79315G	20.365M	5.774955G	5.79532G	500k	1
16.3M	5.77685G	5.79315G	17.966M	5.776229G	5.794195G	500k	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

21/10/2019



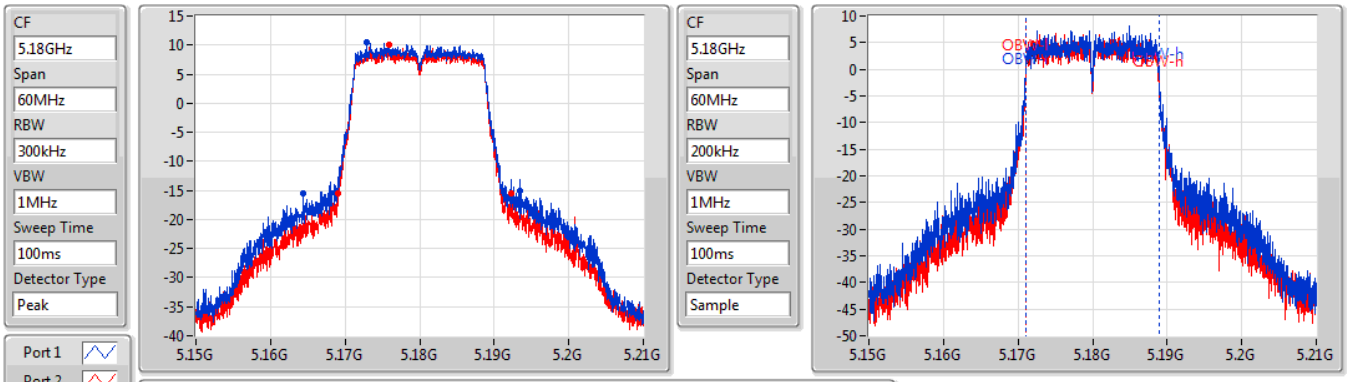
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.25M	5.8169G	5.83315G	21.139M	5.81468G	5.83582G	500k	1
16.325M	5.816825G	5.83315G	19.49M	5.81553G	5.83502G	500k	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5180MHz

04/11/2019



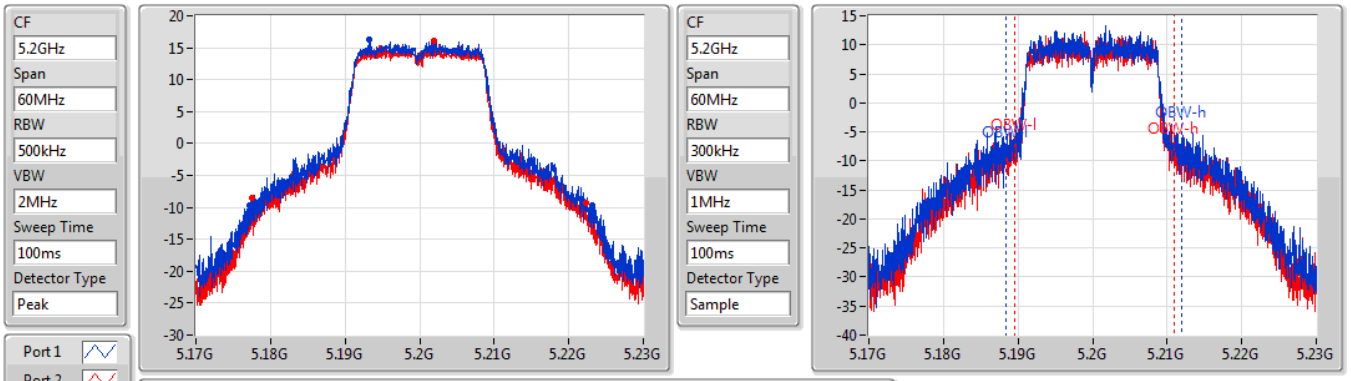
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.1M	5.16434G	5.19344G	17.871M	5.171034G	5.188906G	Inf	1
23.37M	5.16899G	5.19236G	17.841M	5.171034G	5.188876G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5200MHz

04/11/2019



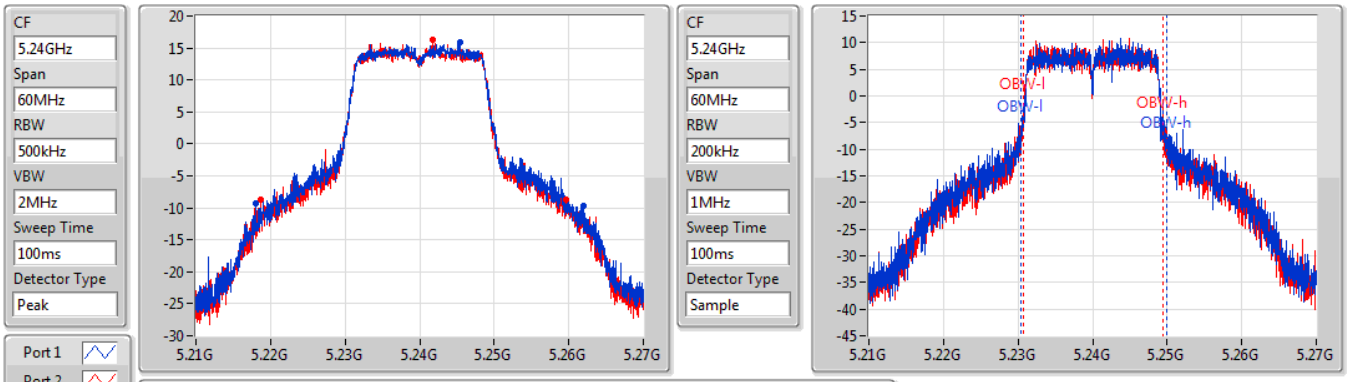
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.9M	5.17723G	5.22313G	23.568M	5.188426G	5.211994G	Inf	1
44.82M	5.17747G	5.22229G	21.439M	5.189475G	5.210915G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5240MHz

04/11/2019



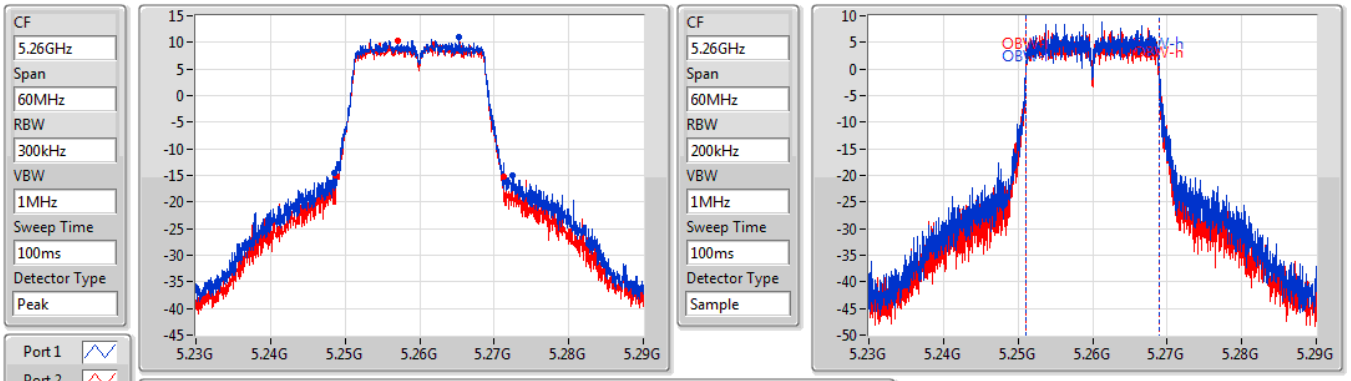
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.86M	5.21807G	5.26193G	19.55M	5.230405G	5.249955G	Inf	1
40.86M	5.21873G	5.25959G	18.681M	5.230735G	5.249415G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5260MHz

04/11/2019



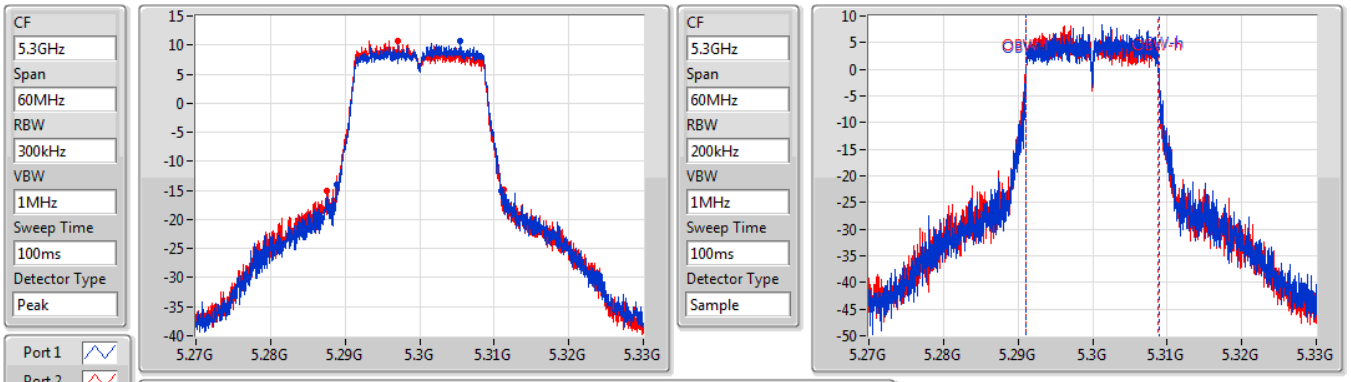
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.97M	5.24851G	5.27248G	17.841M	5.251064G	5.268906G	Inf	1
22.59M	5.24872G	5.27131G	17.781M	5.251094G	5.268876G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5300MHz

04/11/2019



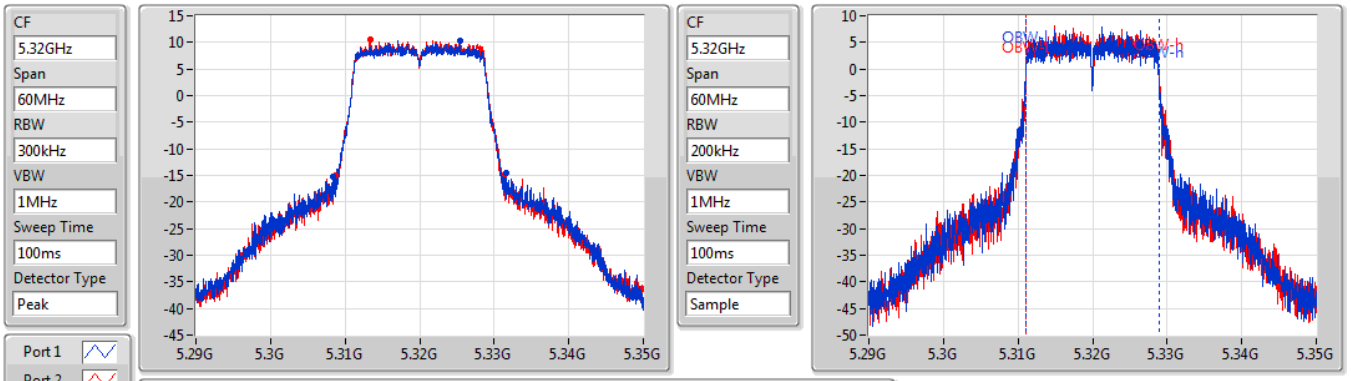
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.17M	5.28881G	5.31098G	17.811M	5.291094G	5.308906G	Inf	1
23.76M	5.28749G	5.31125G	17.841M	5.291004G	5.308846G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5320MHz

04/11/2019



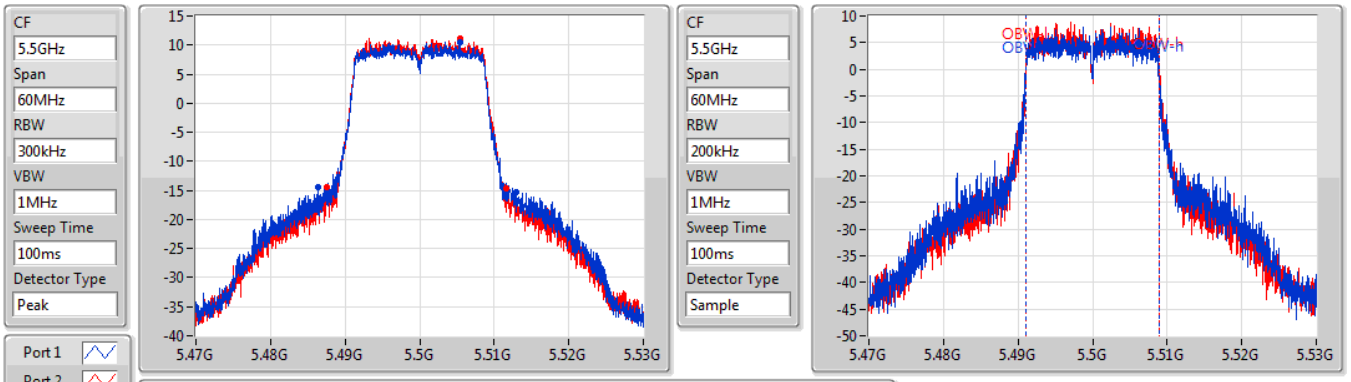
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.19M	5.30842G	5.33161G	17.871M	5.311034G	5.328906G	Inf	1
22.68M	5.30872G	5.3314G	17.781M	5.311094G	5.328876G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5500MHz

04/11/2019



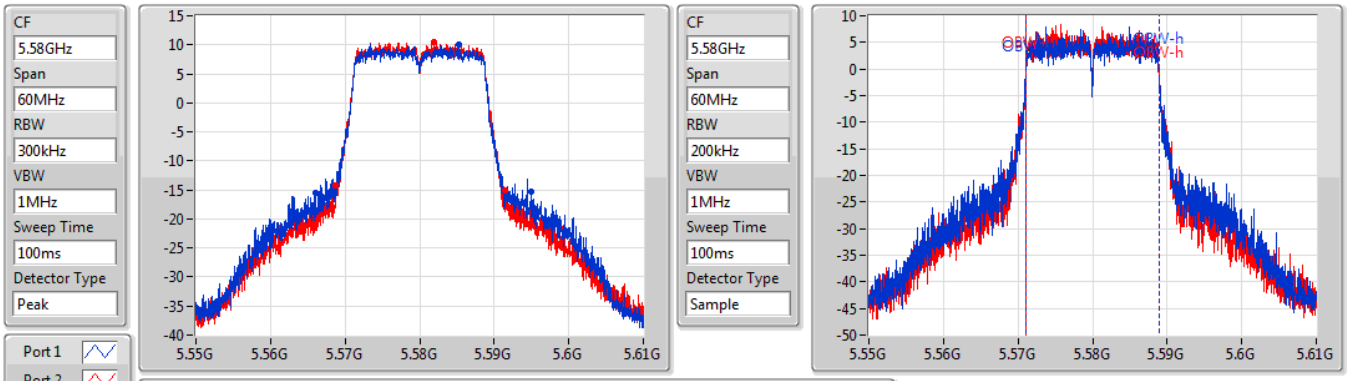
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.55M	5.48641G	5.51296G	17.901M	5.491004G	5.508906G	Inf	1
24.03M	5.48752G	5.51155G	17.781M	5.491124G	5.508906G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5580MHz

04/11/2019



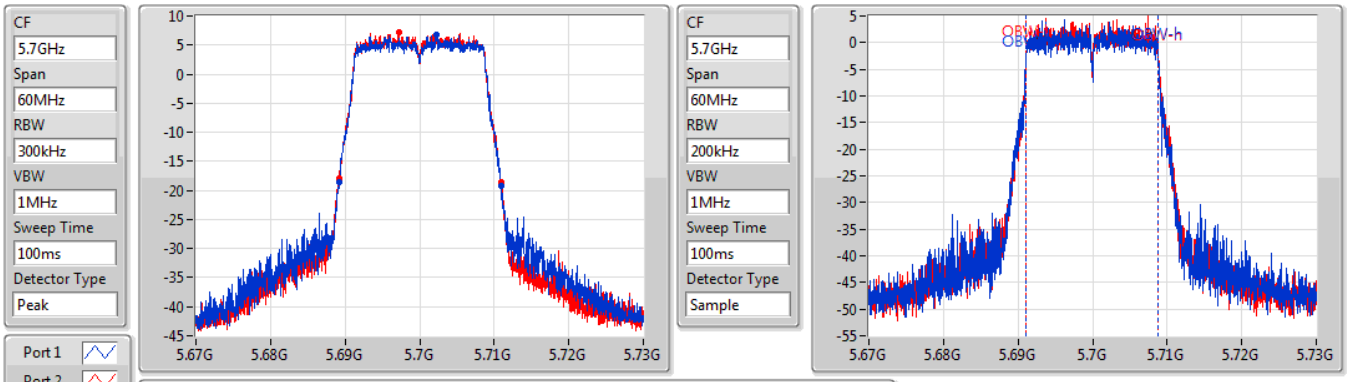
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.98M	5.56605G	5.59503G	17.871M	5.571004G	5.588876G	Inf	1
22.74M	5.56872G	5.59146G	17.811M	5.571064G	5.588876G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5700MHz

04/11/2019



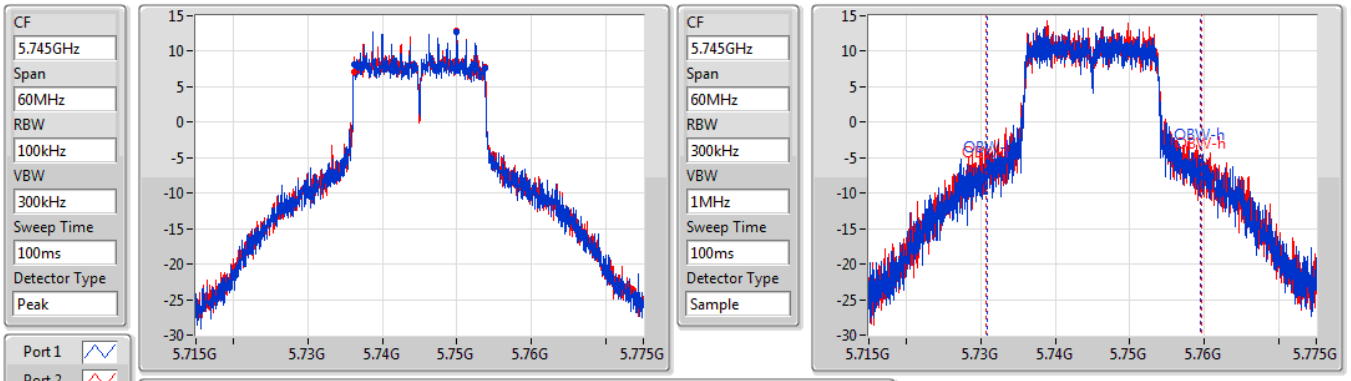
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	5.68914G	5.71092G	17.751M	5.691094G	5.708846G	Inf	1
21.69M	5.6892G	5.71089G	17.721M	5.691124G	5.708846G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5745MHz

04/11/2019



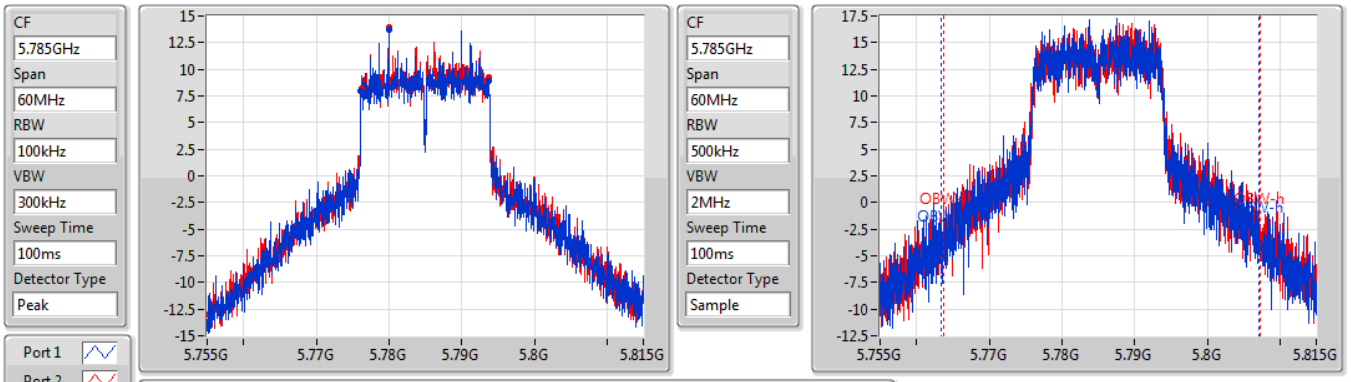
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.64M	5.73615G	5.75379G	28.456M	5.730937G	5.759393G	500k	1
17.58M	5.73615G	5.75373G	28.816M	5.730757G	5.759573G	500k	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5785MHz

04/11/2019



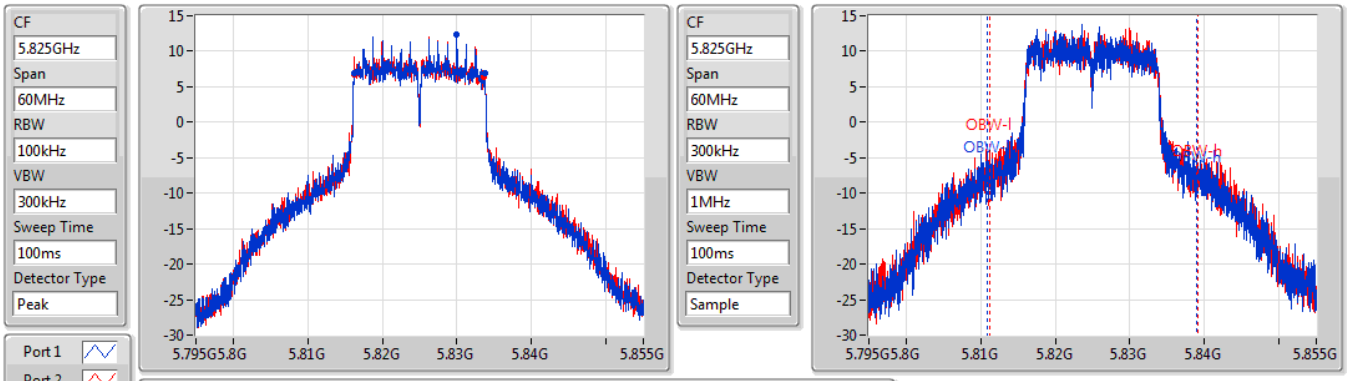
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.67M	5.77615G	5.79382G	43.718M	5.763441G	5.807159G	500k	1
17.61M	5.77618G	5.79379G	43.448M	5.763801G	5.807249G	500k	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5825MHz

04/11/2019



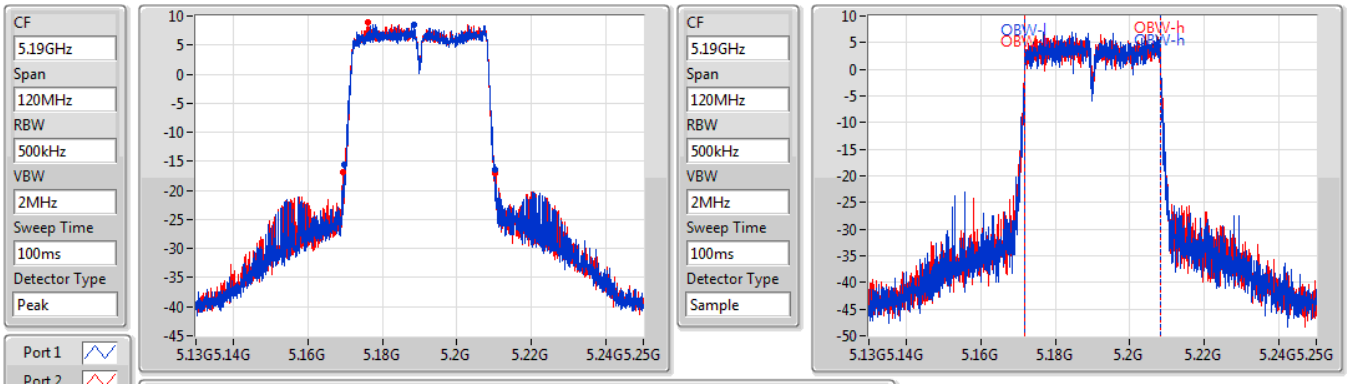
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.64M	5.81618G	5.83382G	28.066M	5.810937G	5.839003G	500k	1
17.37M	5.81618G	5.83355G	27.946M	5.811177G	5.839123G	500k	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5190MHz

04/11/2019



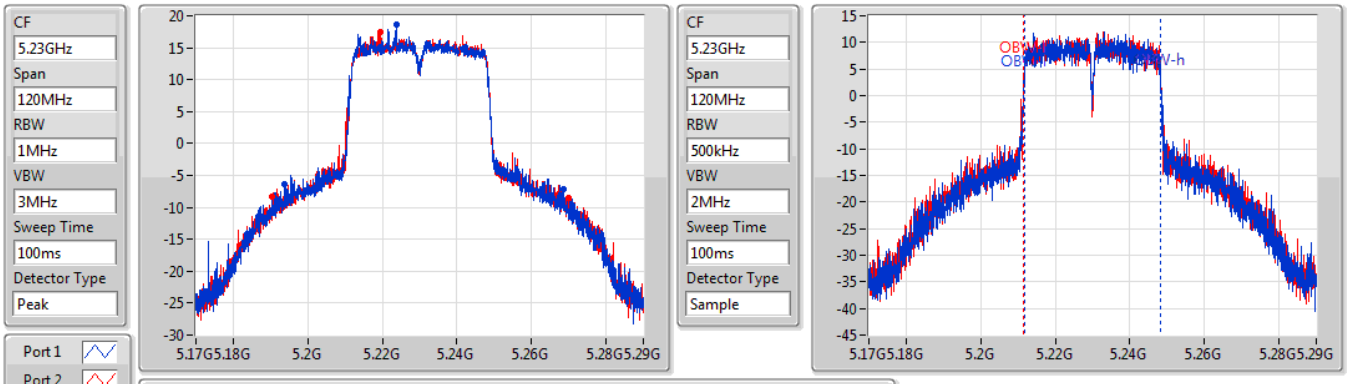
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.62M	5.16966G	5.21028G	36.222M	5.171949G	5.208171G	Inf	1
40.74M	5.1696G	5.21034G	36.282M	5.171889G	5.208171G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5230MHz

04/11/2019



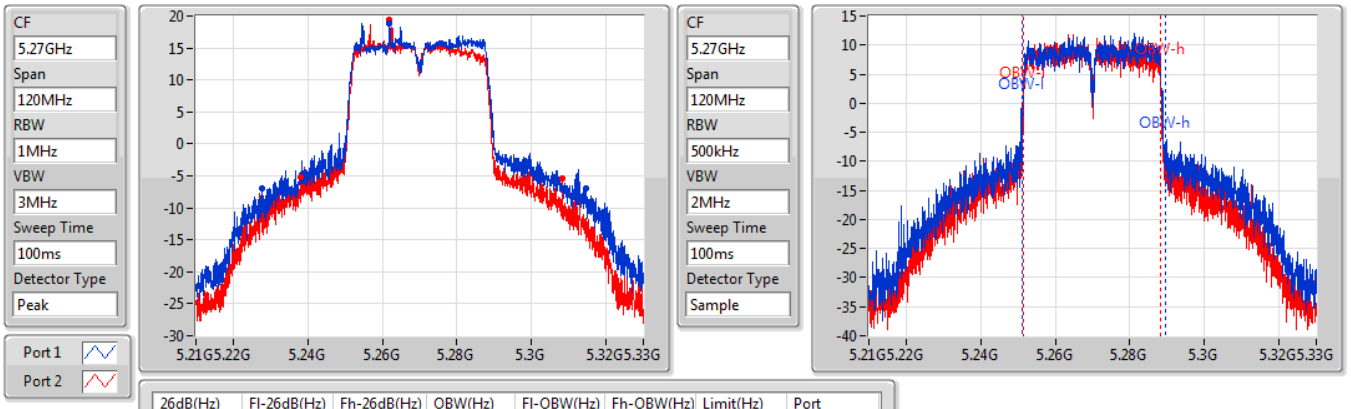
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.12M	5.19364G	5.26876G	36.642M	5.211649G	5.248291G	Inf	1
79.62M	5.1904G	5.27002G	36.702M	5.211589G	5.248291G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5270MHz

04/11/2019



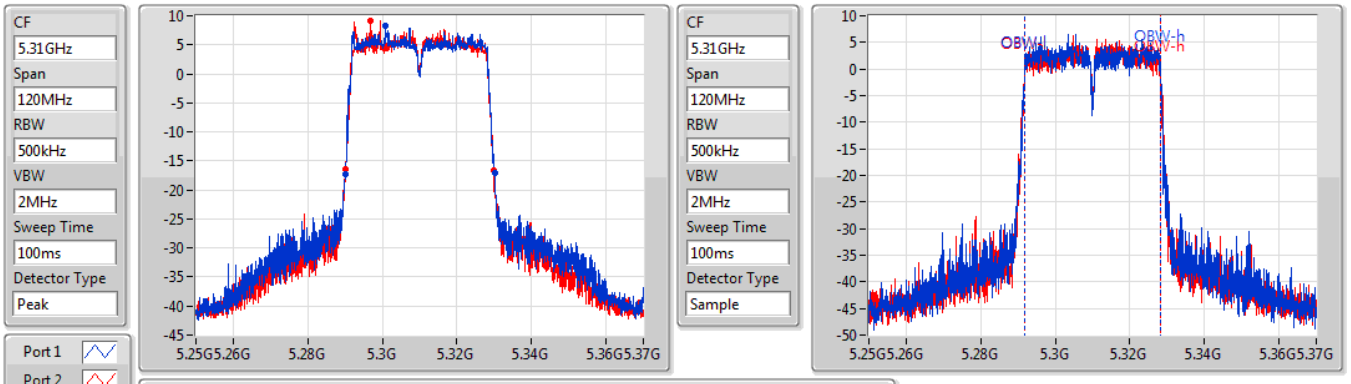
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
86.94M	5.22776G	5.3147G	38.381M	5.251229G	5.28961G	Inf	1
70.2M	5.23808G	5.30828G	36.702M	5.251589G	5.288291G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5310MHz

04/11/2019



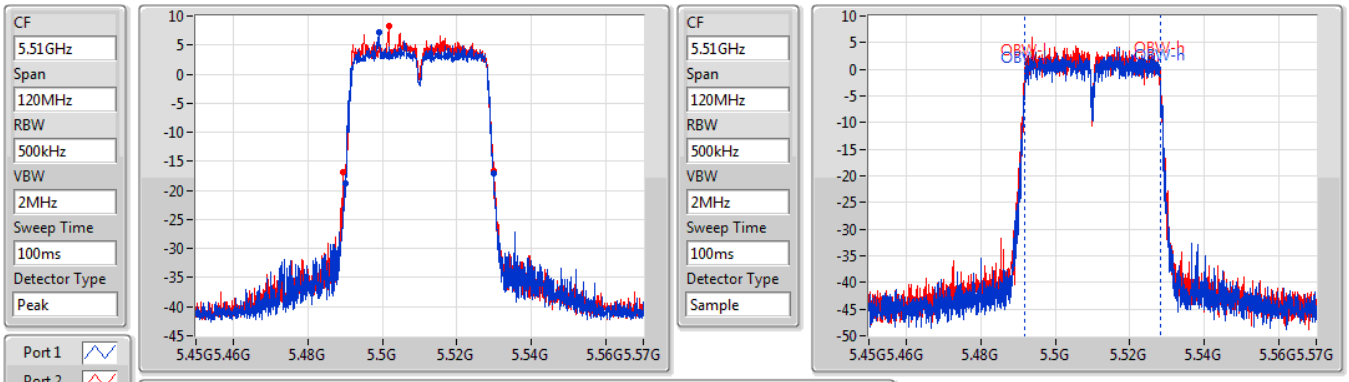
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.29002G	5.3301G	36.282M	5.291829G	5.328111G	Inf	1
39.78M	5.29008G	5.32986G	36.222M	5.291829G	5.328051G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5510MHz

04/11/2019



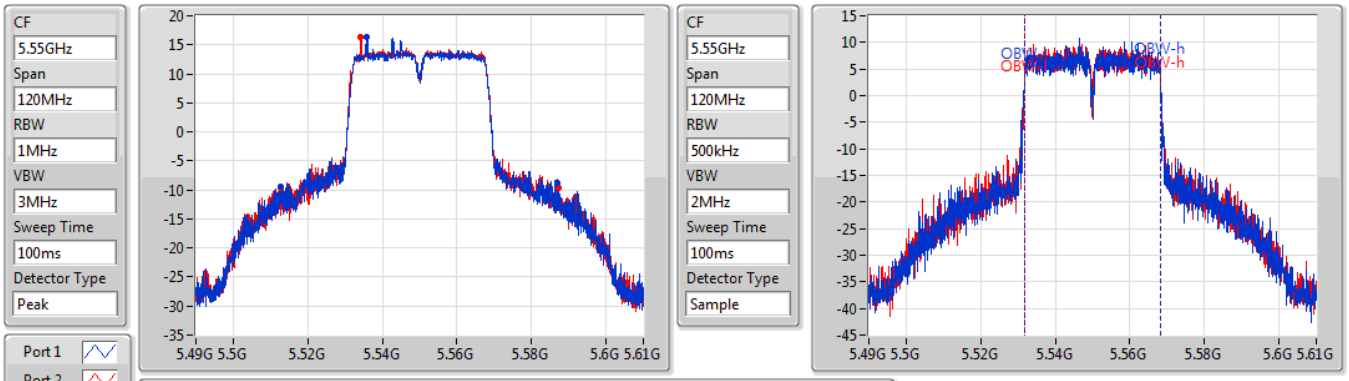
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.84M	5.49008G	5.52992G	36.282M	5.491829G	5.528111G	Inf	1
40.38M	5.48954G	5.52992G	36.282M	5.491769G	5.528051G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5550MHz

04/11/2019



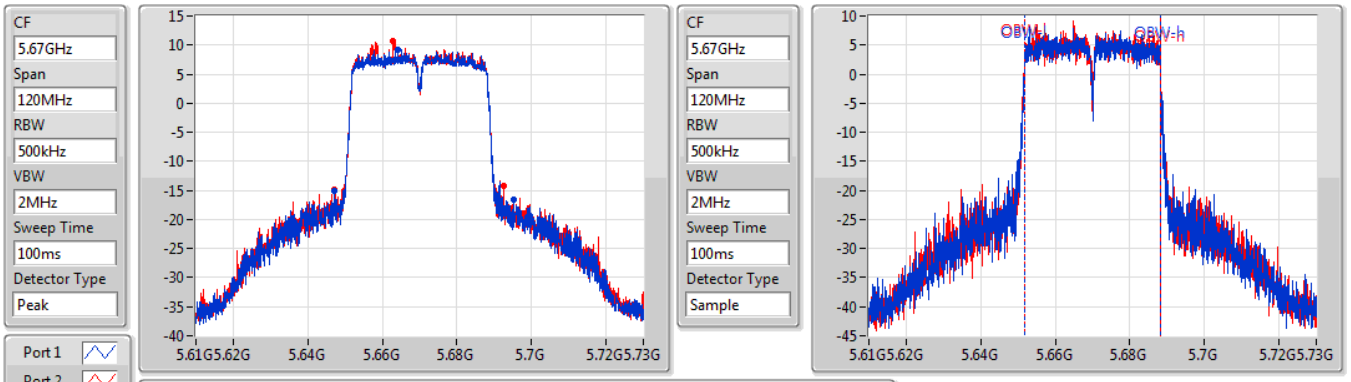
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.22M	5.51274G	5.58696G	36.522M	5.531709G	5.568231G	Inf	1
74.4M	5.51274G	5.58714G	36.522M	5.531709G	5.568231G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5670MHz

04/11/2019



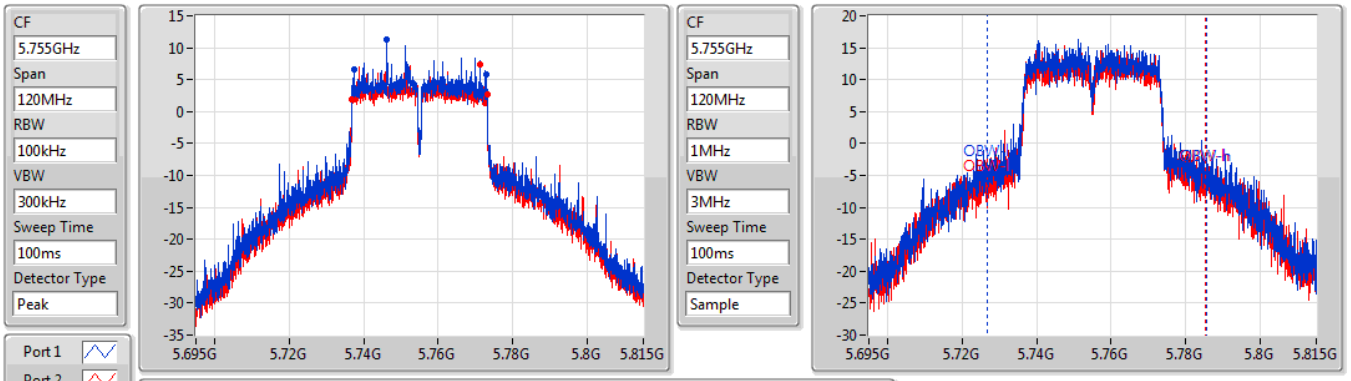
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
48.36M	5.64696G	5.69532G	36.282M	5.651829G	5.688111G	Inf	1
45.6M	5.64702G	5.69262G	36.222M	5.651829G	5.688051G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5755MHz

04/11/2019



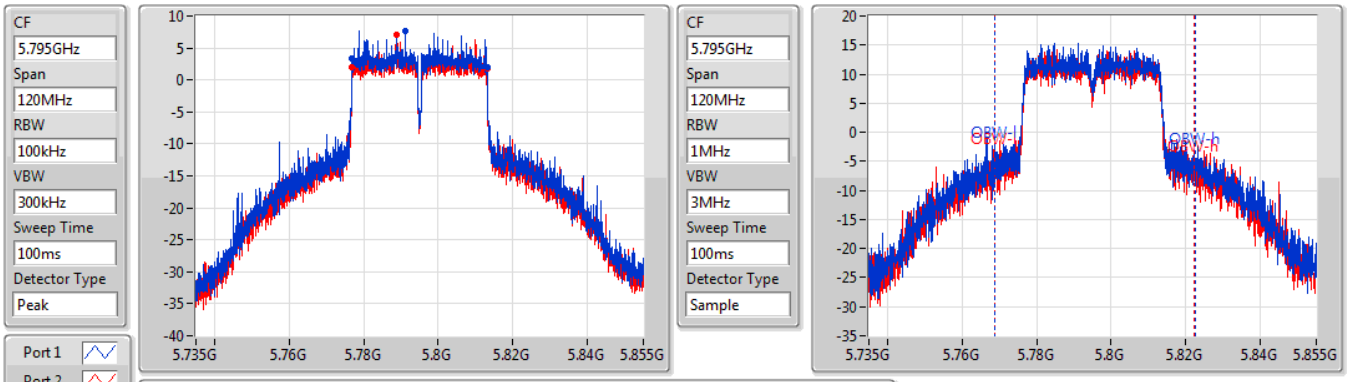
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.28M	5.73748G	5.77276G	59.01M	5.726634G	5.785645G	500k	1
36.3M	5.73682G	5.77312G	58.471M	5.726814G	5.785285G	500k	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5795MHz

04/11/2019



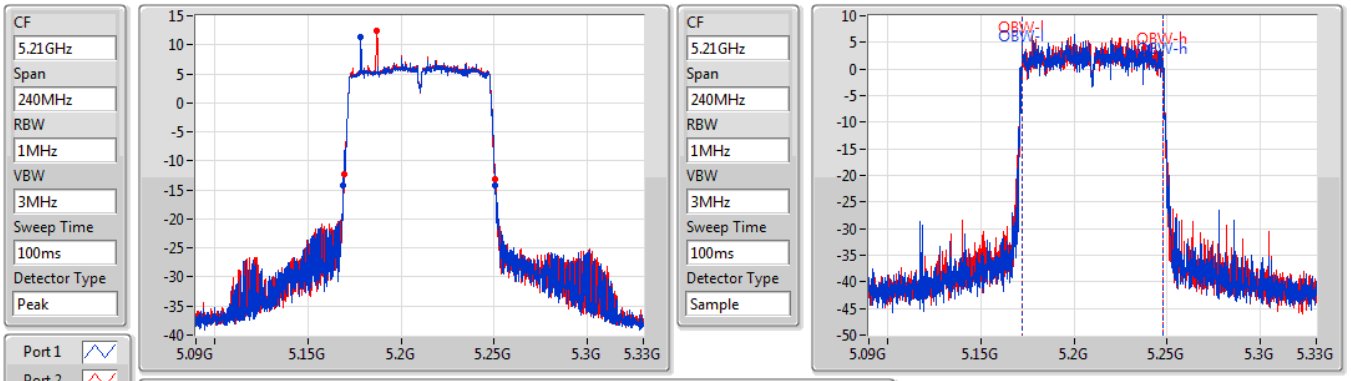
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.77682G	5.81312G	53.913M	5.768673G	5.822586G	500k	1
36.3M	5.77682G	5.81312G	53.493M	5.768913G	5.822406G	500k	2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5210MHz

04/11/2019



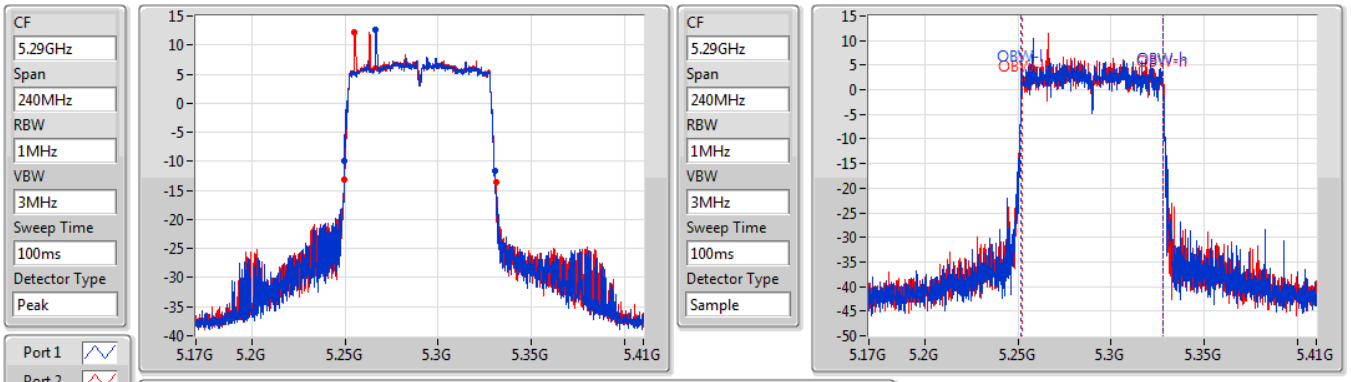
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.16884G	5.25068G	75.922M	5.171979G	5.247901G	Inf	1
80.76M	5.1698G	5.25056G	75.682M	5.172099G	5.247781G	Inf	2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5290MHz

04/11/2019



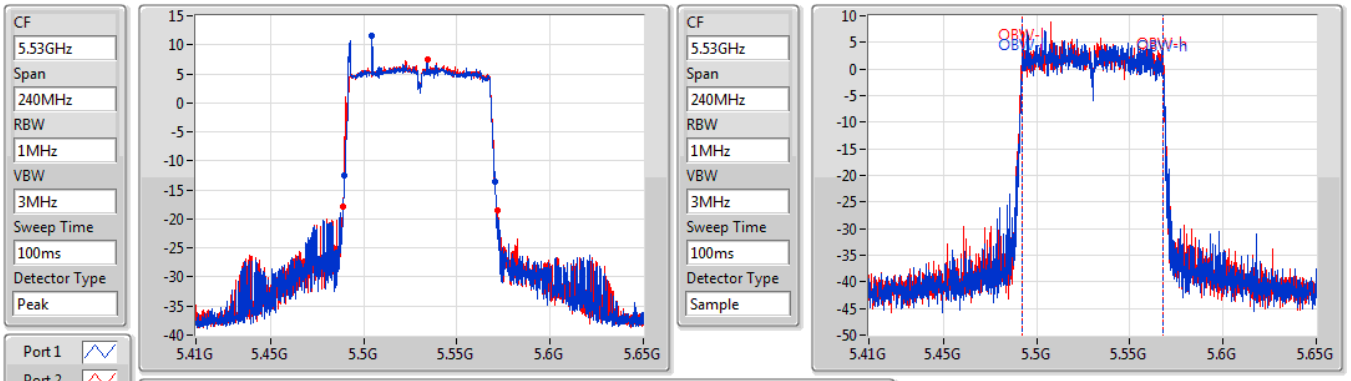
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.76M	5.24956G	5.33032G	75.922M	5.251859G	5.327781G	Inf	1
81.24M	5.24956G	5.3308G	75.682M	5.252099G	5.327781G	Inf	2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5530MHz

04/11/2019



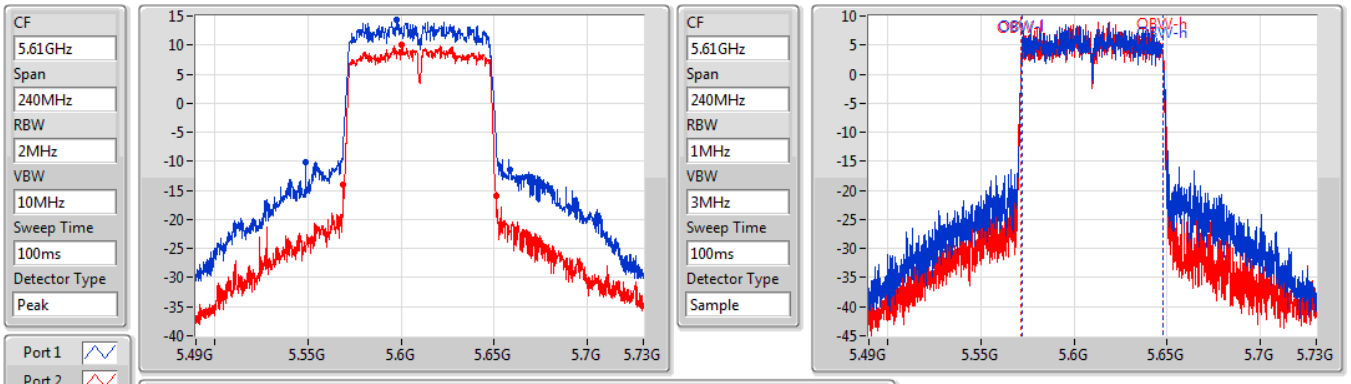
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.76M	5.4898G	5.57056G	75.682M	5.492099G	5.567781G	Inf	1
82.8M	5.48908G	5.57188G	75.922M	5.491979G	5.567901G	Inf	2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5610MHz

27/11/2019



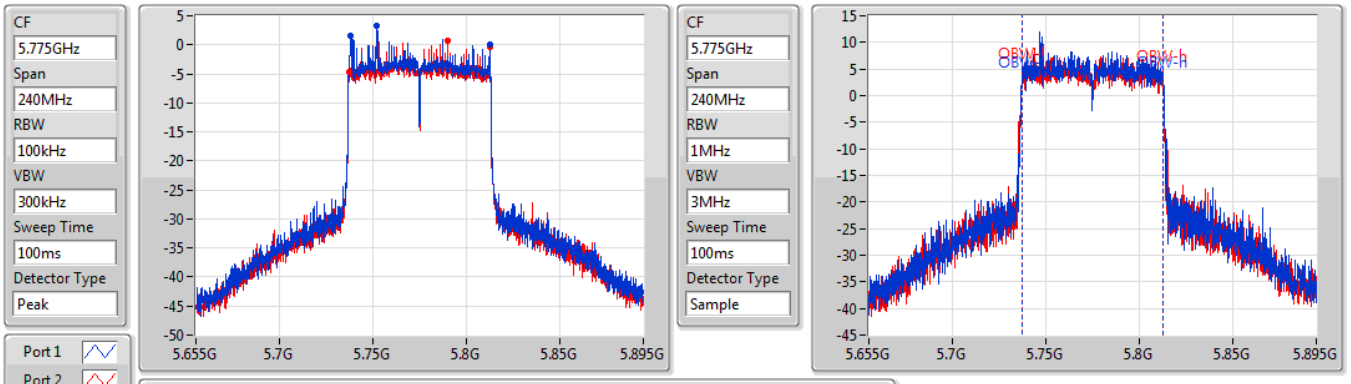
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
109.92M	5.5488G	5.65872G	75.922M	5.571979G	5.647901G	Inf	1
81.84M	5.56908G	5.65092G	76.042M	5.571859G	5.647901G	Inf	2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5775MHz

04/11/2019



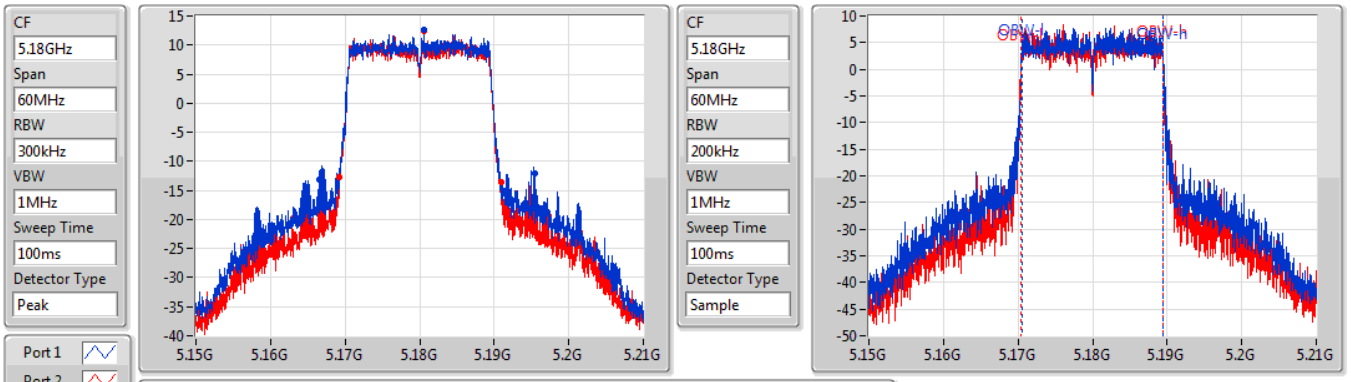
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.76M	5.73768G	5.81244G	75.922M	5.736979G	5.812901G	500k	1
75.48M	5.73708G	5.81256G	75.922M	5.736979G	5.812901G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5180MHz

04/11/2019



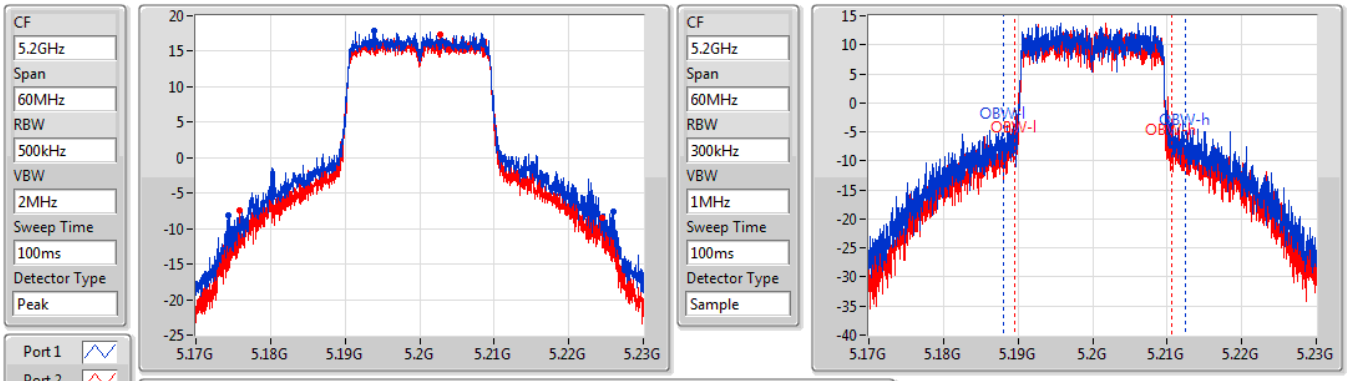
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.04M	5.16647G	5.19551G	18.981M	5.170495G	5.189475G	Inf	1
21.75M	5.1692G	5.19095G	18.981M	5.170465G	5.189445G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5200MHz

04/11/2019

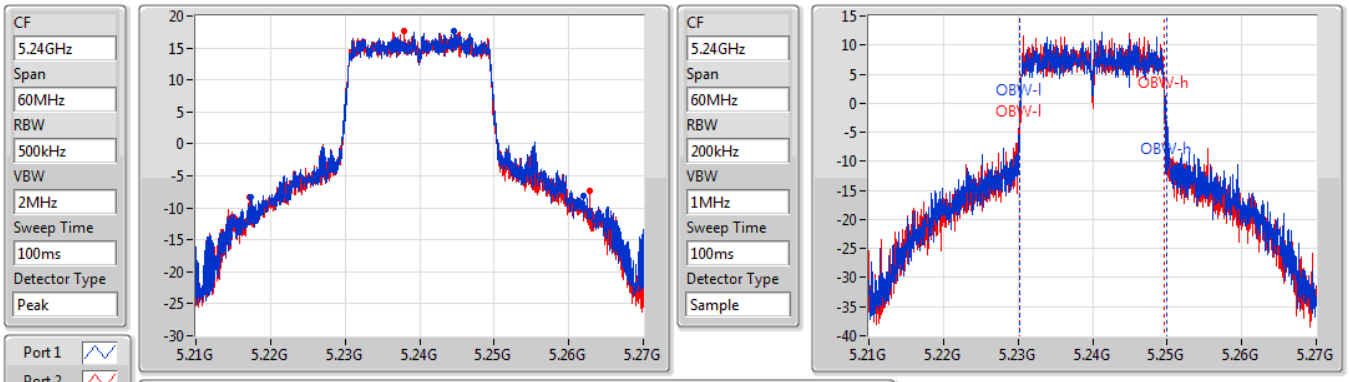


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
51.57M	5.17441G	5.22598G	24.438M	5.188006G	5.212444G	Inf	1
48.63M	5.17591G	5.22454G	21.079M	5.189595G	5.210675G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5240MHz

04/11/2019

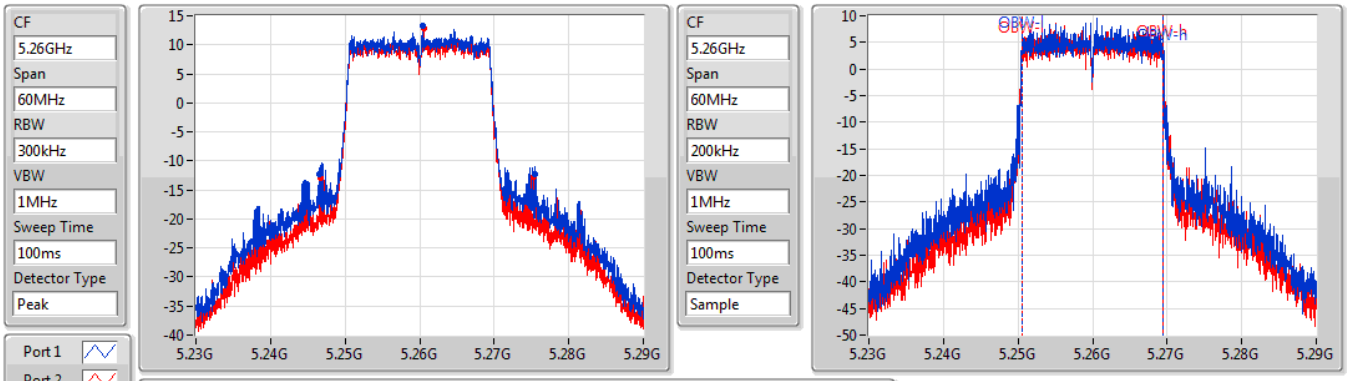


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.67M	5.21735G	5.26202G	19.7M	5.230285G	5.249985G	Inf	1
45.69M	5.21711G	5.2628G	19.4M	5.230285G	5.249685G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5260MHz

04/11/2019



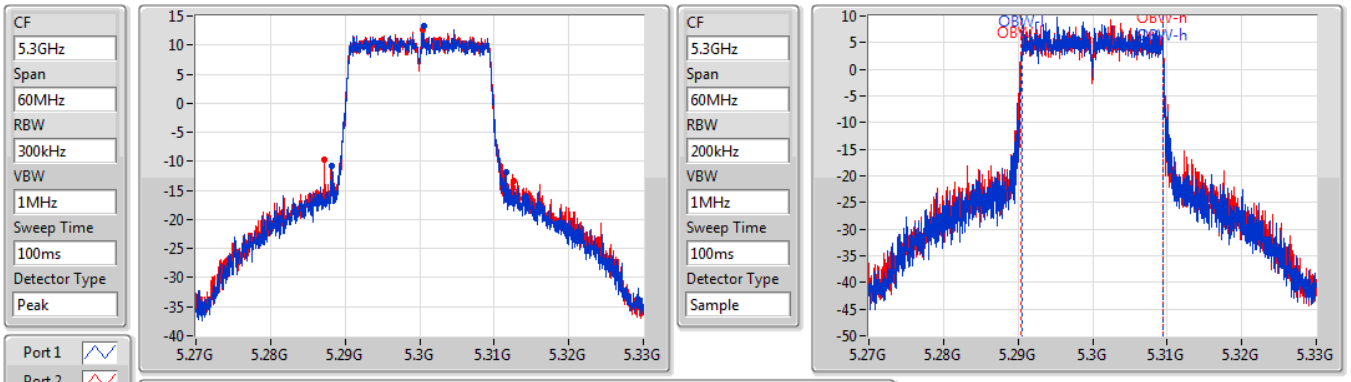
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.98M	5.24653G	5.27551G	18.981M	5.250495G	5.269475G	Inf	1
28.62M	5.24671G	5.27533G	18.981M	5.250495G	5.269475G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5300MHz

04/11/2019



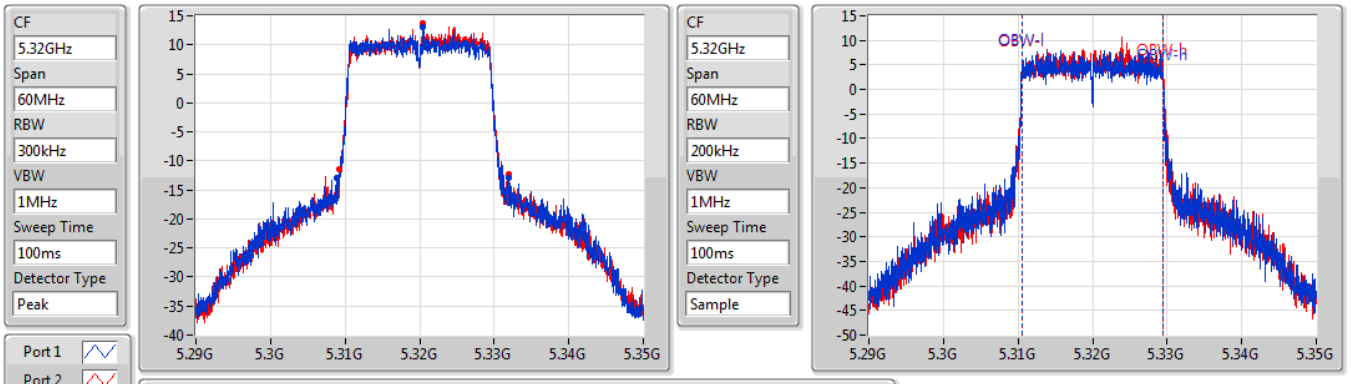
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.43M	5.28821G	5.31164G	18.981M	5.290495G	5.309475G	Inf	1
25.44M	5.28719G	5.31263G	19.01M	5.290465G	5.309475G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5320MHz

04/11/2019



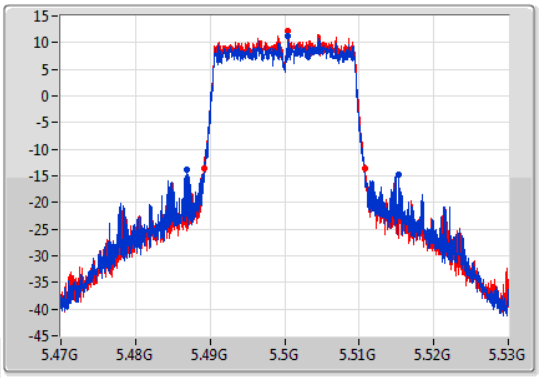
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.07M	5.30893G	5.332G	18.981M	5.310495G	5.329475G	Inf	1
22.77M	5.30917G	5.33194G	18.981M	5.310495G	5.329475G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

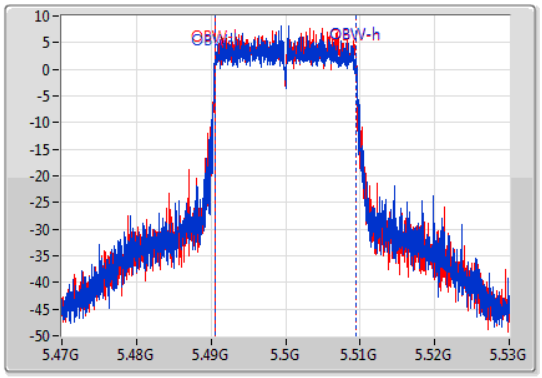
5500MHz

04/11/2019

CF	5.5GHz
Span	60MHz
RBW	300kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.5GHz
Span	60MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2

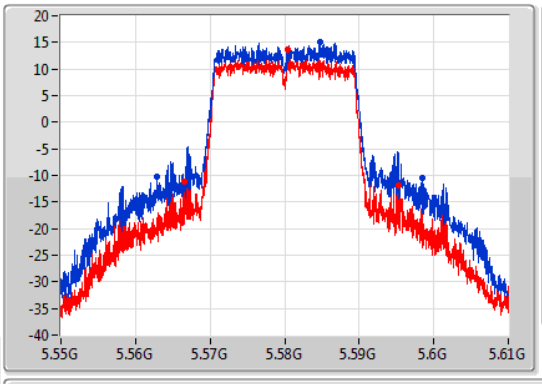
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.29M	5.48692G	5.51521G	18.981M	5.490495G	5.509475G	Inf	1
21.6M	5.48917G	5.51077G	18.951M	5.490495G	5.509445G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

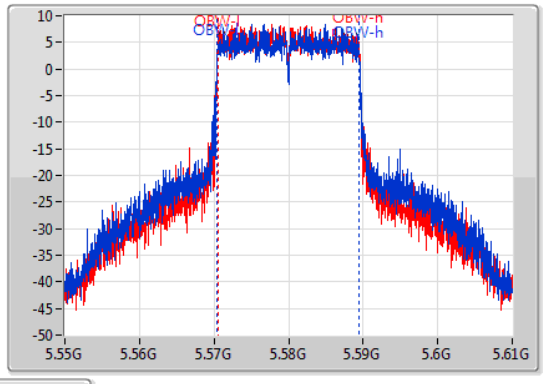
5580MHz

04/11/2019

CF	5.58GHz
Span	60MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.58GHz
Span	60MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



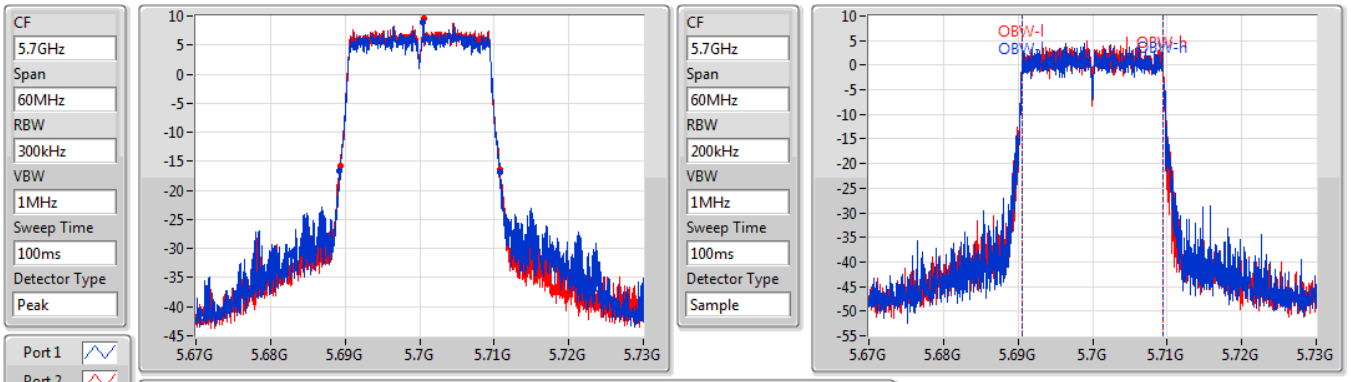
Port 1
Port 2

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.61M	5.56293G	5.59854G	19.07M	5.570435G	5.589505G	Inf	1
28.71M	5.56659G	5.5953G	18.951M	5.570495G	5.589445G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5700MHz

04/11/2019

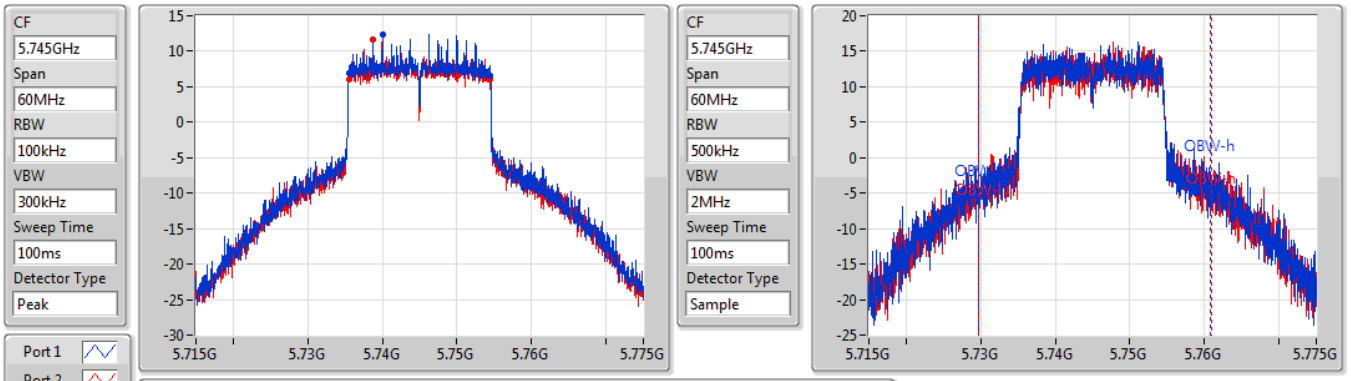


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.68923G	5.7108G	18.951M	5.690495G	5.709445G	Inf	1
21.51M	5.68932G	5.71083G	18.921M	5.690525G	5.709445G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5745MHz

04/11/2019



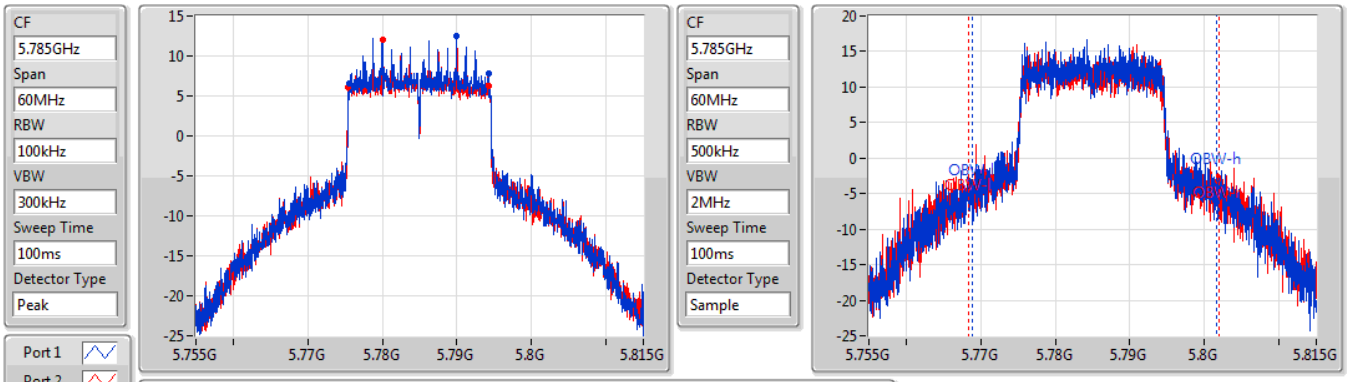
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.96M	5.73549G	5.75445G	31.184M	5.729678G	5.760862G	500k	1
18.96M	5.73549G	5.75445G	31.274M	5.729678G	5.760952G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5785MHz

04/11/2019



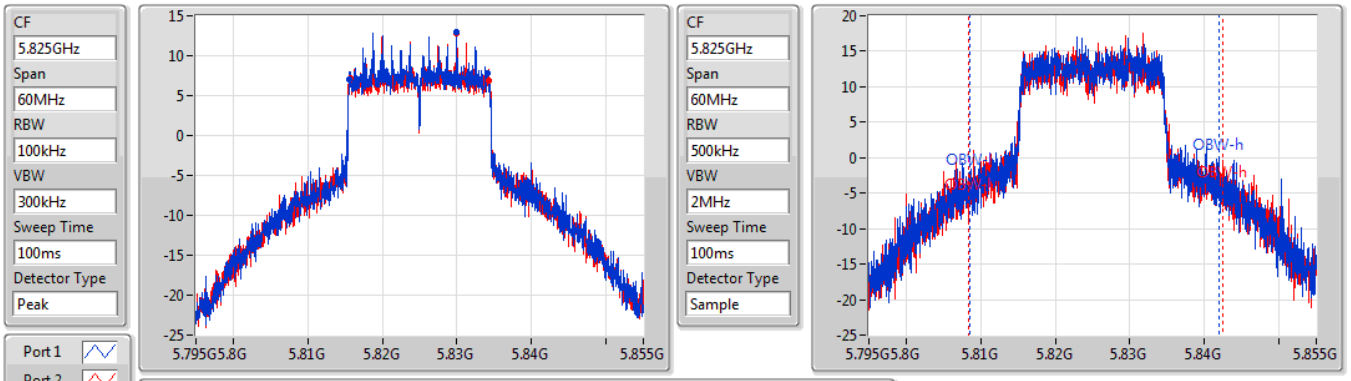
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.66M	5.77558G	5.79424G	32.744M	5.768808G	5.801552G	500k	1
18.84M	5.77546G	5.7943G	33.553M	5.768328G	5.801882G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5825MHz

04/11/2019



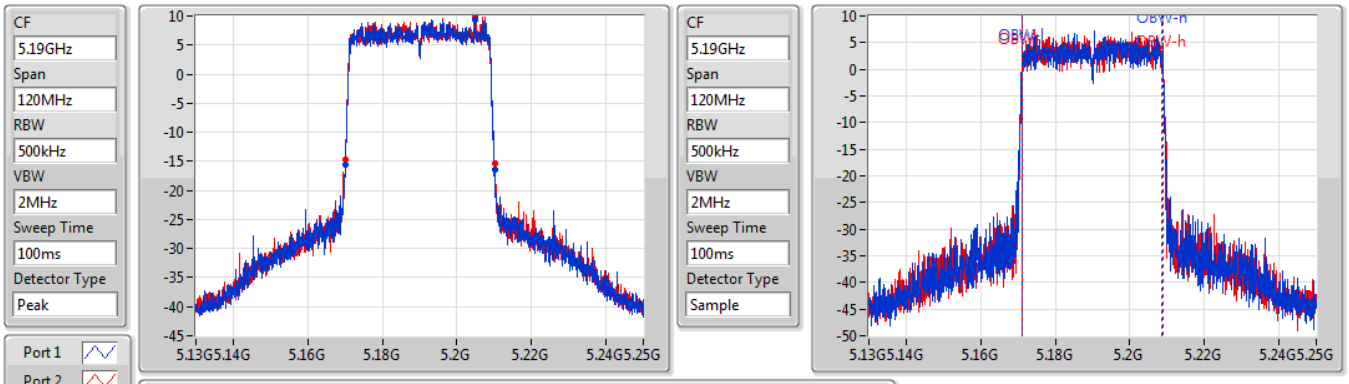
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.6M	5.81558G	5.83418G	33.523M	5.808508G	5.842031G	500k	1
18.63M	5.81567G	5.8343G	34.003M	5.808418G	5.842421G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5190MHz

04/11/2019



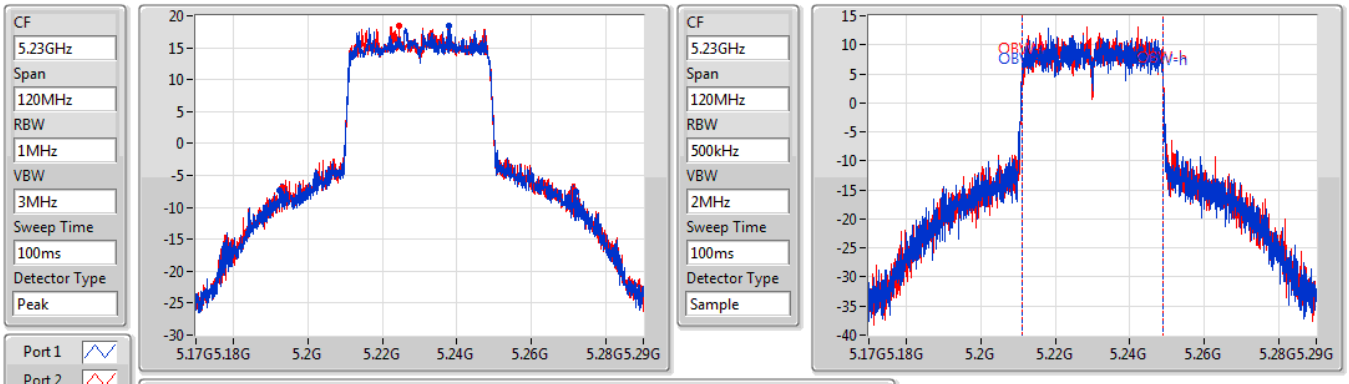
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.17008G	5.21016G	37.601M	5.171229G	5.208831G	Inf	1
40.02M	5.17008G	5.2101G	37.541M	5.171169G	5.208711G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5230MHz

04/11/2019

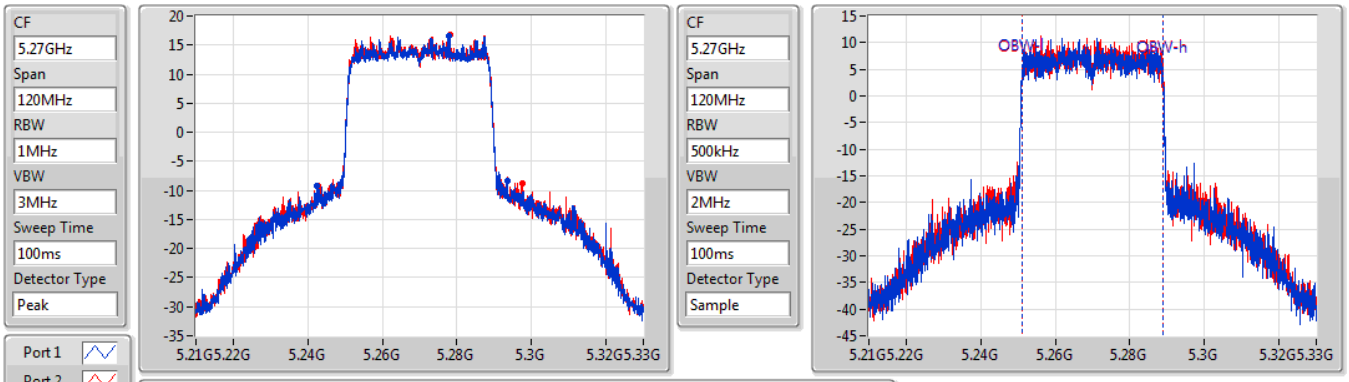


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.5M	5.19244G	5.27194G	38.021M	5.21099G	5.24901G	Inf	1
78.84M	5.19292G	5.27176G	38.021M	5.21099G	5.24901G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5270MHz

04/11/2019

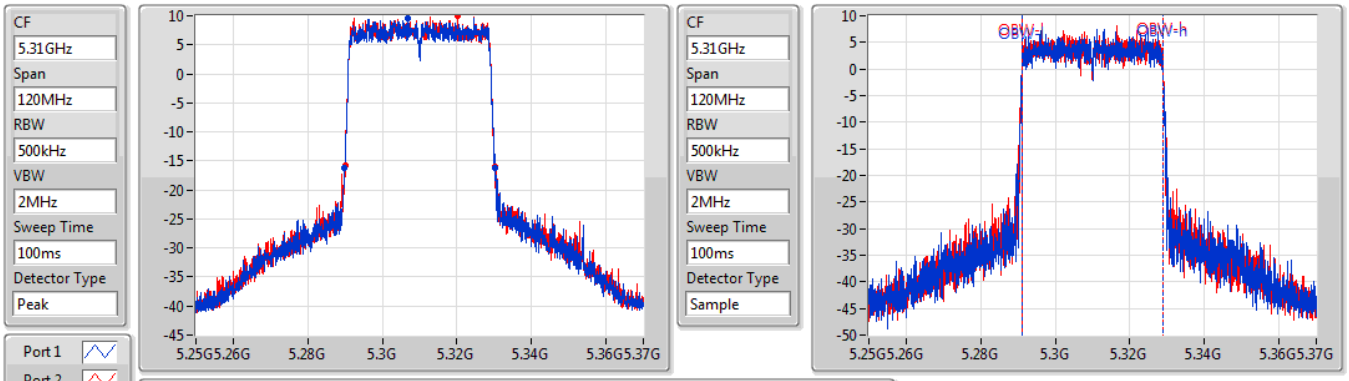


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
51.18M	5.24246G	5.29364G	37.721M	5.251109G	5.288831G	Inf	1
54.6M	5.24282G	5.29742G	37.721M	5.251109G	5.288831G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5310MHz

04/11/2019



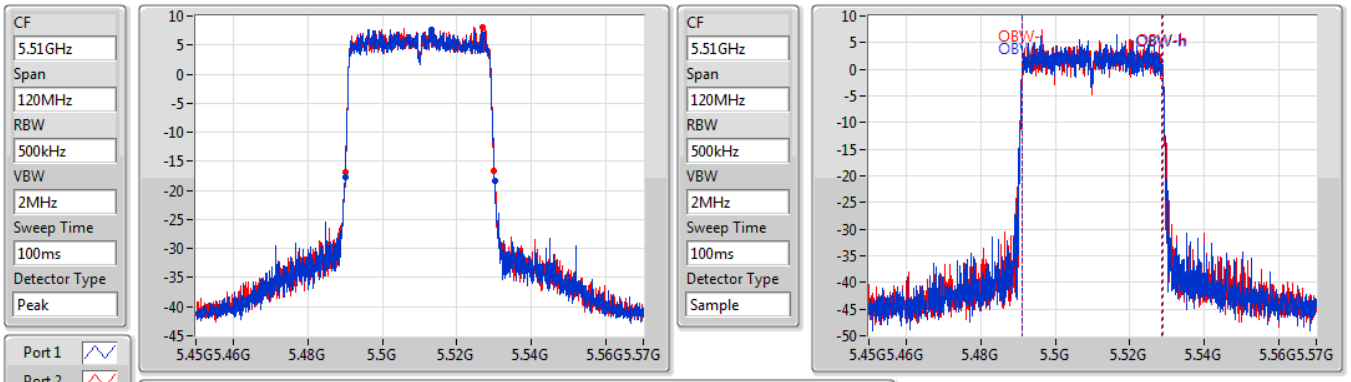
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	5.2899G	5.33034G	37.541M	5.291229G	5.328771G	Inf	1
40.14M	5.29002G	5.33016G	37.541M	5.291229G	5.328771G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5510MHz

04/11/2019



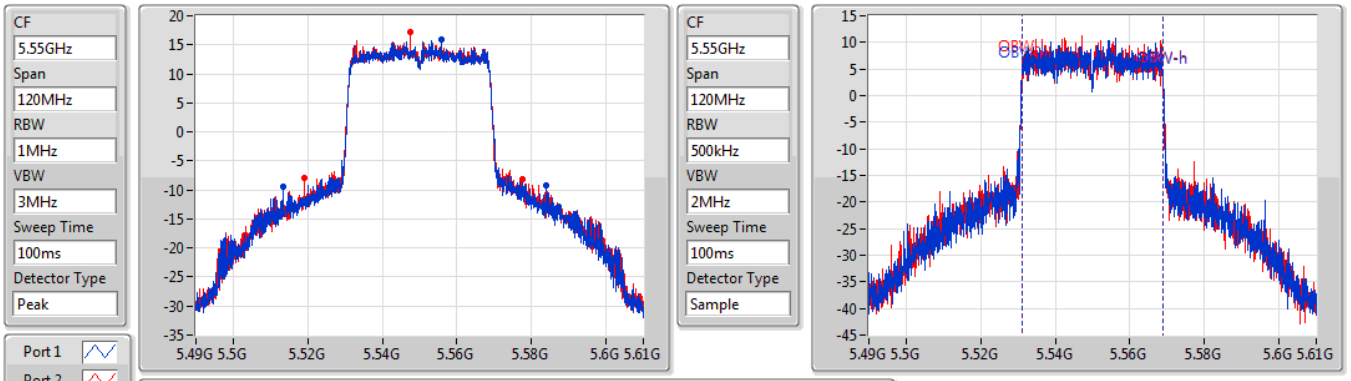
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.48996G	5.53022G	37.541M	5.491169G	5.528711G	Inf	1
40.02M	5.49002G	5.53004G	37.541M	5.491229G	5.528771G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5550MHz

04/11/2019



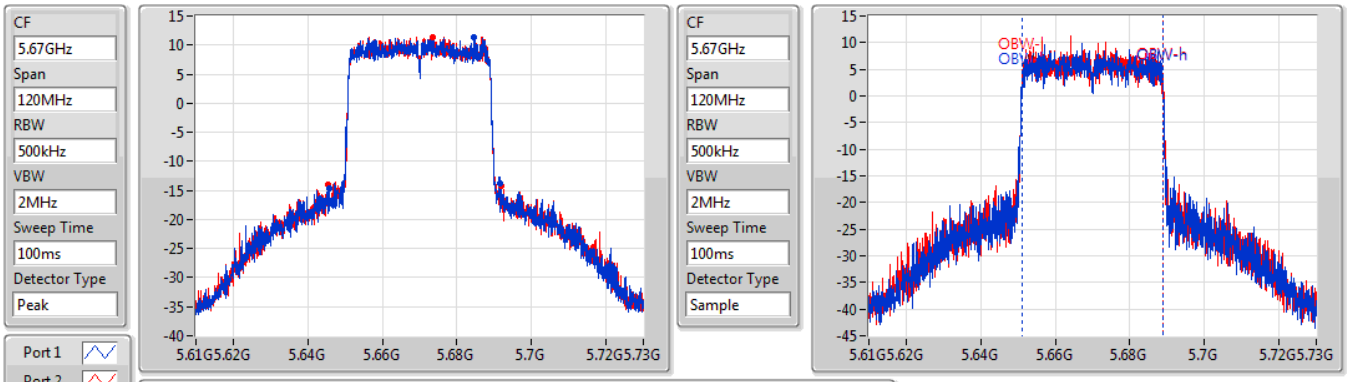
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
70.56M	5.51328G	5.58384G	37.781M	5.531049G	5.568831G	Inf	1
58.5M	5.51898G	5.57748G	37.721M	5.531109G	5.568831G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5670MHz

04/11/2019



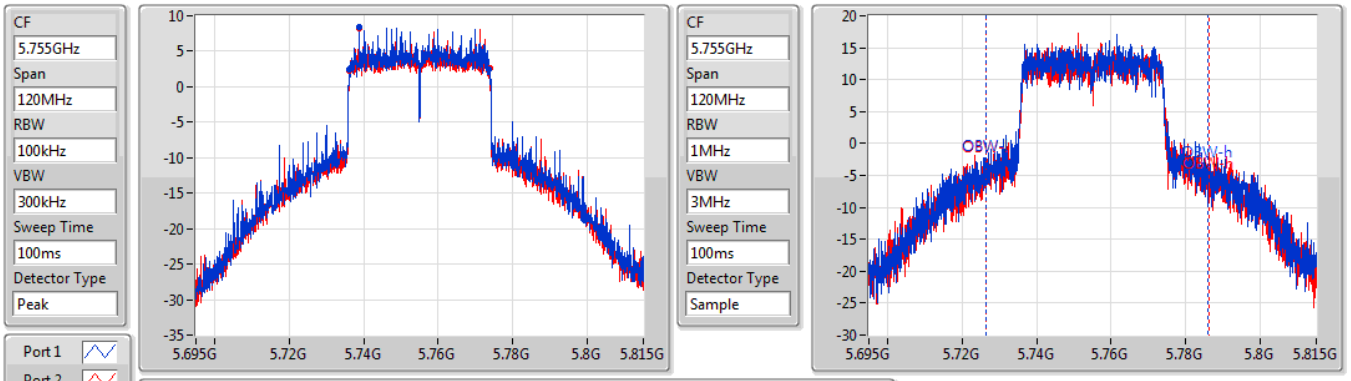
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.84M	5.6457G	5.69154G	37.601M	5.651169G	5.688771G	Inf	1
46.38M	5.64552G	5.6919G	37.601M	5.651169G	5.688771G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5755MHz

04/11/2019



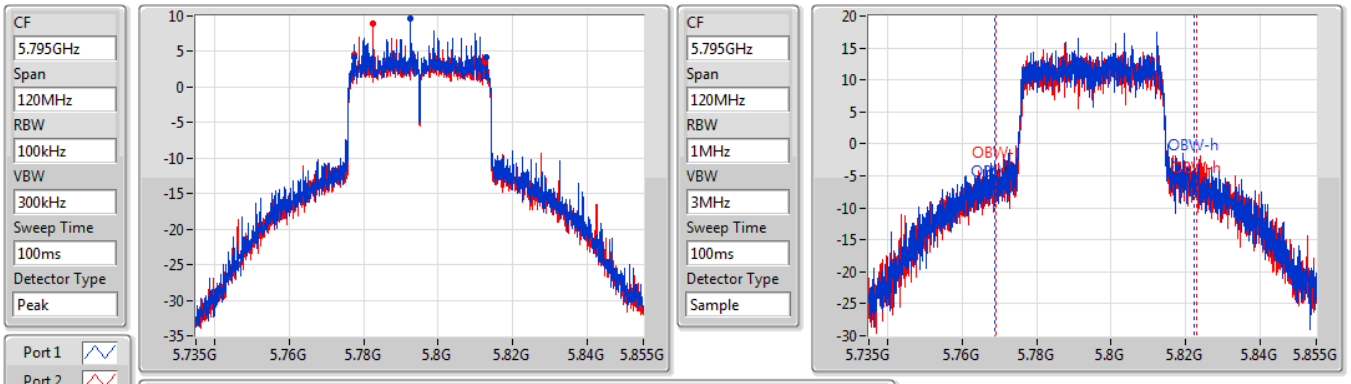
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.5M	5.73616G	5.77366G	59.55M	5.726334G	5.785885G	500k	1
37.44M	5.73628G	5.77372G	59.79M	5.726574G	5.786364G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5795MHz

04/11/2019



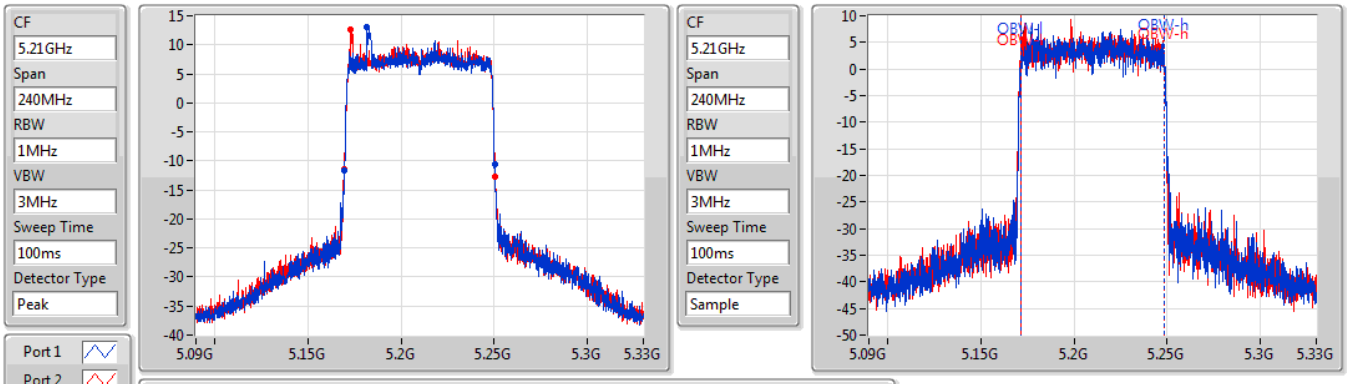
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.46M	5.7773G	5.81276G	53.433M	5.768913G	5.822346G	500k	1
34.98M	5.77748G	5.81246G	53.553M	5.769213G	5.822766G	500k	2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5210MHz

04/11/2019

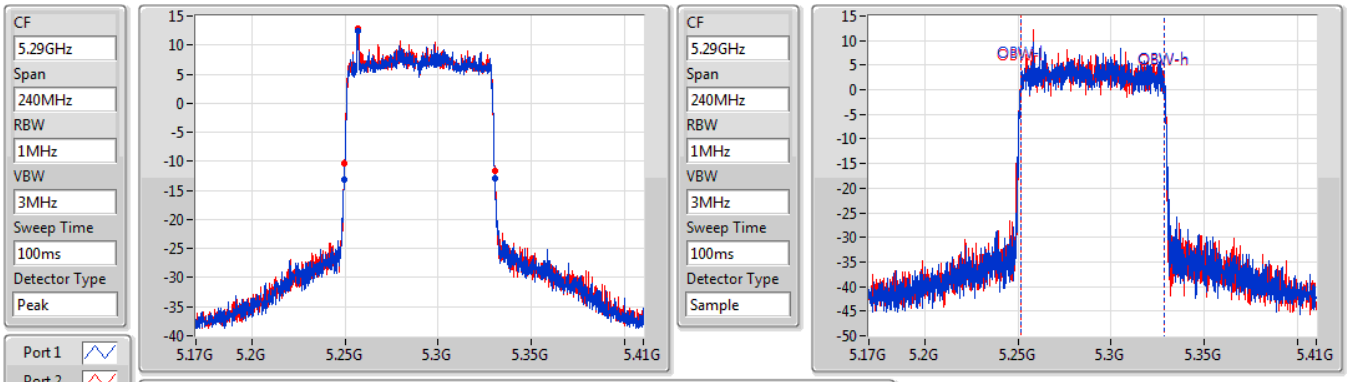


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.64M	5.16968G	5.25032G	77.121M	5.171379G	5.248501G	Inf	1
81M	5.16944G	5.25044G	76.882M	5.171499G	5.248381G	Inf	2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX EBW

5290MHz

04/11/2019

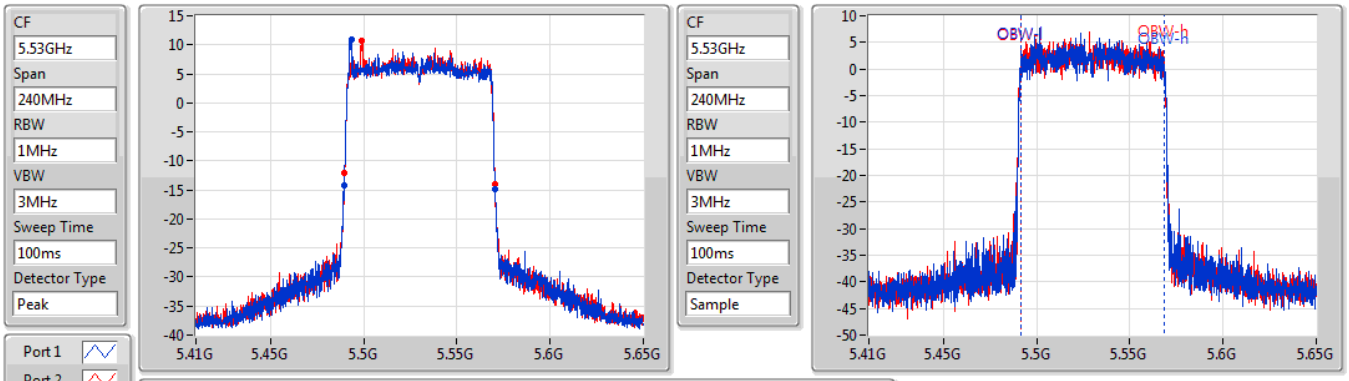


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.88M	5.24944G	5.33032G	77.121M	5.251379G	5.328501G	Inf	1
80.64M	5.2498G	5.33044G	77.001M	5.251619G	5.328621G	Inf	2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX EBW

5530MHz

04/11/2019



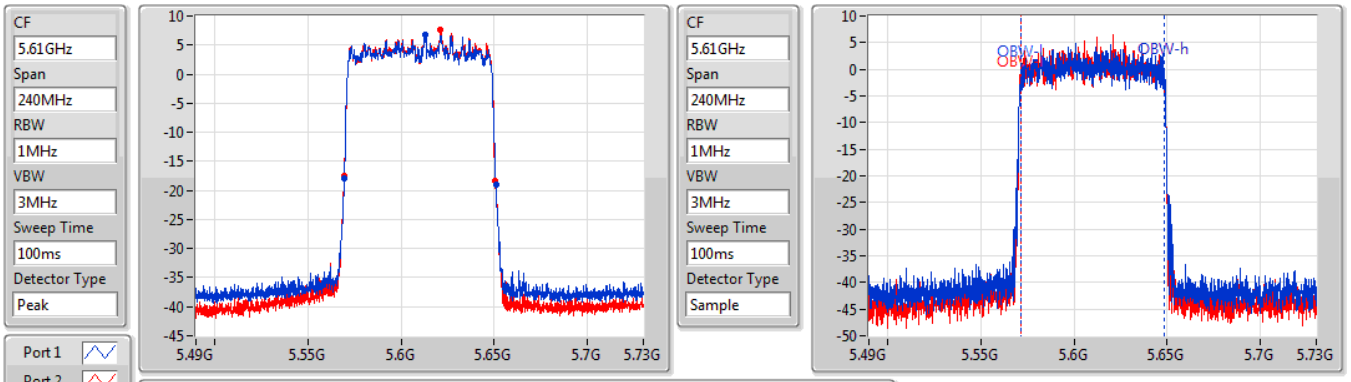
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81M	5.48944G	5.57044G	77.121M	5.491379G	5.568501G	Inf	1
80.88M	5.48956G	5.57044G	77.001M	5.491379G	5.568381G	Inf	2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5610MHz

27/11/2019



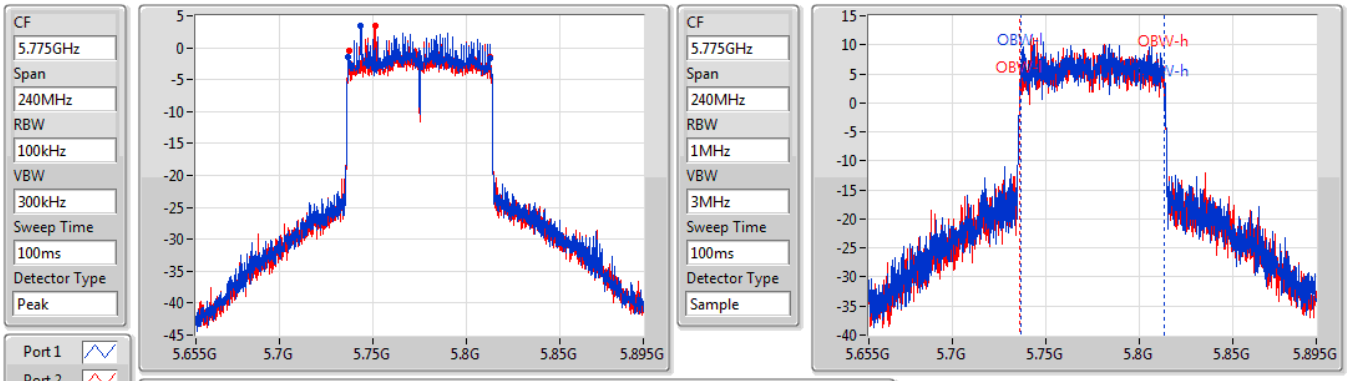
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	5.56956G	5.65092G	77.001M	5.571499G	5.648501G	Inf	1
81.12M	5.56956G	5.65068G	77.001M	5.571379G	5.648381G	Inf	2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5775MHz

04/11/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.08M	5.7366G	5.81268G	77.361M	5.736259G	5.813621G	500k	1
75.12M	5.73744G	5.81256G	77.601M	5.736139G	5.813741G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	26.36	0.43251
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	25.60	0.36308
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	23.21	0.20941
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	17.50	0.05623
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.51	0.28249
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.81	0.24044
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.29	0.06745
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	22.68	0.18535
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.53	0.14223
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.93	0.15596
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	17.81	0.06039
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.67	0.14689
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.92	0.15560
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.40	0.06918
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	22.83	0.19187
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.40	0.13804
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.93	0.15596
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	21.87	0.15382
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.32	0.13552
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.75	0.14962
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.03	0.12677
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	25.33	0.34119
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	25.73	0.37411
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	24.82	0.30339
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	20.20	0.10471
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	25.27	0.33651
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	24.46	0.27925
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.13	0.12972

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.00	19.37	18.68	22.05	30.00
5200MHz	Pass	5.00	23.51	23.18	26.36	30.00
5240MHz	Pass	5.00	22.52	22.19	25.37	30.00
5260MHz	Pass	5.00	19.59	19.57	22.59	23.98
5300MHz	Pass	5.00	19.51	19.83	22.68	23.98
5320MHz	Pass	5.00	18.82	18.77	21.81	23.98
5500MHz	Pass	5.00	18.29	18.64	21.48	23.98
5580MHz	Pass	5.00	19.98	19.66	22.83	23.98
5700MHz	Pass	5.00	15.67	14.45	18.11	23.98
5745MHz	Pass	5.00	22.61	22.01	25.33	30.00
5785MHz	Pass	5.00	22.09	21.3	24.72	30.00
5825MHz	Pass	5.00	22.03	21.2	24.65	30.00
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.01	17.58	17.3	20.45	27.99
5200MHz	Pass	8.01	21.58	21.03	24.32	27.99
5240MHz	Pass	8.01	22.57	22.61	25.60	27.99
5260MHz	Pass	8.01	18.36	18.28	21.33	21.97
5300MHz	Pass	8.01	18.56	18.01	21.30	21.97
5320MHz	Pass	8.01	18.7	18.34	21.53	21.97
5500MHz	Pass	8.01	18.07	18.68	21.40	21.97
5580MHz	Pass	8.01	18.06	18.47	21.28	21.97
5700MHz	Pass	8.01	14.45	14.66	17.57	21.97
5745MHz	Pass	8.01	21.89	22.03	24.97	27.99
5785MHz	Pass	8.01	22.87	22.57	25.73	27.99
5825MHz	Pass	8.01	21.26	21.65	24.47	27.99
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.01	15.23	15.02	18.14	27.99
5230MHz	Pass	8.01	20.32	20.08	23.21	27.99
5270MHz	Pass	8.01	19.36	18.44	21.93	21.97
5310MHz	Pass	8.01	14.51	14.9	17.72	21.97
5510MHz	Pass	8.01	13.36	13.79	16.59	21.97
5550MHz	Pass	8.01	18.74	19.09	21.93	21.97
5670MHz	Pass	8.01	17.12	17.62	20.39	21.97
5755MHz	Pass	8.01	22.13	21.46	24.82	27.99
5795MHz	Pass	8.01	20.86	20.21	23.56	27.99
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.01	14.29	14.68	17.50	27.99
5290MHz	Pass	8.01	14.74	14.86	17.81	21.97
5530MHz	Pass	8.01	14.18	14.43	17.32	21.97
5610MHz	Pass	8.01	18.76	18.95	21.87	21.97
5775MHz	Pass	8.01	17.42	16.94	20.20	27.99
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.01	17.95	17.27	20.63	27.99

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
5200MHz	Pass	8.01	22	20.93	24.51	27.99
5240MHz	Pass	8.01	21.08	21.13	24.12	27.99
5260MHz	Pass	8.01	18.66	17.99	21.35	21.97
5300MHz	Pass	8.01	18.46	18.85	21.67	21.97
5320MHz	Pass	8.01	17.96	18.73	21.37	21.97
5500MHz	Pass	8.01	16.22	17.11	19.70	21.97
5580MHz	Pass	8.01	17.88	18.7	21.32	21.97
5700MHz	Pass	8.01	14.18	14.47	17.34	21.97
5745MHz	Pass	8.01	21.87	22.27	25.08	27.99
5785MHz	Pass	8.01	21.91	21.56	24.75	27.99
5825MHz	Pass	8.01	21.99	22.52	25.27	27.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.01	15.25	15.32	18.30	27.99
5230MHz	Pass	8.01	21.04	20.54	23.81	27.99
5270MHz	Pass	8.01	18.49	19.29	21.92	21.97
5310MHz	Pass	8.01	15.26	15.94	18.62	21.97
5510MHz	Pass	8.01	14.38	13.85	17.13	21.97
5550MHz	Pass	8.01	18.43	19.02	21.75	21.97
5670MHz	Pass	8.01	17.36	17.58	20.48	21.97
5755MHz	Pass	8.01	21.83	21.03	24.46	27.99
5795MHz	Pass	8.01	20.94	20.48	23.73	27.99
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.01	15.27	15.29	18.29	27.99
5290MHz	Pass	8.01	15.44	15.33	18.40	21.97
5530MHz	Pass	8.01	13.99	14.22	17.12	21.97
5610MHz	Pass	8.01	18.08	17.96	21.03	21.97
5775MHz	Pass	8.01	18.45	17.76	21.13	27.99

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	12.63
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	13.01
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	8.6
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.59
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	12.13
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	8.18
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.49
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.95
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8.98
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	7.09
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.02
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.95
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.66
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.17
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.84
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8.89
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	7.11
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	2.48
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.9
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.31
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-1.04
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	9.86
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	12.18
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	7.65
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	0.43
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.87
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	7.52
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	1.42

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

Result

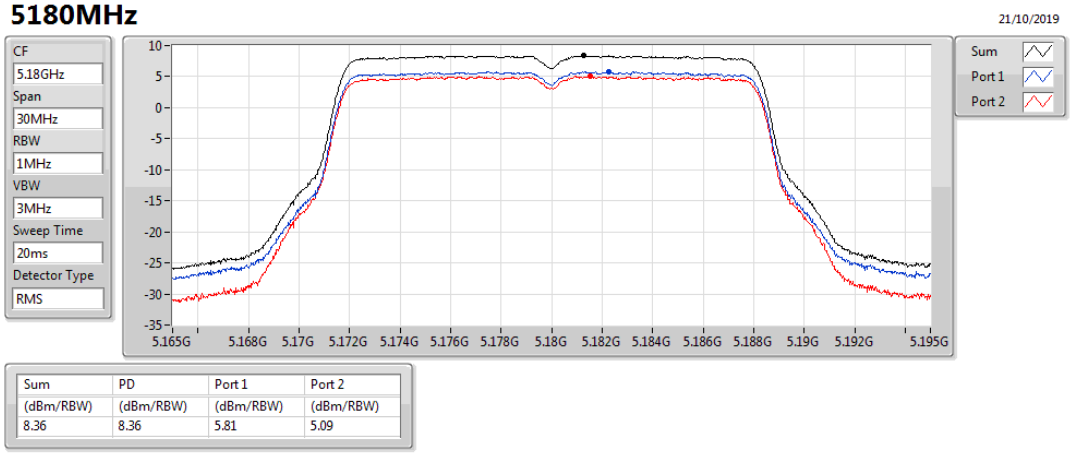
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.01	5.81	5.09	8.36	14.99
5200MHz	Pass	8.01	9.81	9.58	12.63	14.99
5240MHz	Pass	8.01	9.05	8.62	11.76	14.99
5260MHz	Pass	8.01	6.01	5.97	8.95	8.99
5300MHz	Pass	8.01	5.8	6.03	8.91	8.99
5320MHz	Pass	8.01	5.17	5.09	8.03	8.99
5500MHz	Pass	8.01	4.87	4.81	7.77	8.99
5580MHz	Pass	8.01	5.94	5.79	8.84	8.99
5700MHz	Pass	8.01	1.86	0.67	4.25	8.99
5745MHz	Pass	8.01	7.33	6.51	9.86	27.99
5785MHz	Pass	8.01	6.7	6.14	9.40	27.99
5825MHz	Pass	8.01	6.75	6.37	9.44	27.99
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.01	5.95	5.35	8.55	14.99
5200MHz	Pass	8.01	9.26	8.77	11.92	14.99
5240MHz	Pass	8.01	10.02	10.12	13.01	14.99
5260MHz	Pass	8.01	6.29	5.78	8.96	8.99
5300MHz	Pass	8.01	6.2	6.44	8.98	8.99
5320MHz	Pass	8.01	5.87	6.17	8.97	8.99
5500MHz	Pass	8.01	5.42	6.26	8.74	8.99
5580MHz	Pass	8.01	5.73	6.15	8.89	8.99
5700MHz	Pass	8.01	2.36	2.66	5.50	8.99
5745MHz	Pass	8.01	8.55	8.54	11.53	27.99
5785MHz	Pass	8.01	9.21	9.39	12.18	27.99
5825MHz	Pass	8.01	7.88	8.12	10.84	27.99
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.01	0.98	1.23	4.09	14.99
5230MHz	Pass	8.01	5.65	5.72	8.60	14.99
5270MHz	Pass	8.01	4.69	3.97	7.09	8.99
5310MHz	Pass	8.01	0.15	0.21	2.86	8.99
5510MHz	Pass	8.01	-1.8	-0.88	1.52	8.99
5550MHz	Pass	8.01	4.1	4.15	7.11	8.99
5670MHz	Pass	8.01	2.19	2.23	5.19	8.99
5755MHz	Pass	8.01	5.12	4.25	7.65	27.99
5795MHz	Pass	8.01	4.16	3.34	6.72	27.99
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.01	-3.52	-3.36	-0.59	14.99
5290MHz	Pass	8.01	-3.16	-2.78	-0.02	8.99
5530MHz	Pass	8.01	-3.97	-3.83	-0.98	8.99
5610MHz	Pass	8.01	-0.34	-0.72	2.48	8.99
5775MHz	Pass	8.01	-2.19	-2.92	0.43	27.99
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.01	5.61	4.81	8.20	14.99

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5200MHz	Pass	8.01	9.6	9.04	12.13	14.99
5240MHz	Pass	8.01	8.67	8.71	11.63	14.99
5260MHz	Pass	8.01	6.31	5.71	8.95	8.99
5300MHz	Pass	8.01	6.02	5.98	8.93	8.99
5320MHz	Pass	8.01	5.88	6.34	8.86	8.99
5500MHz	Pass	8.01	4.05	4.93	7.46	8.99
5580MHz	Pass	8.01	5.8	6.34	8.90	8.99
5700MHz	Pass	8.01	1.79	2.13	4.87	8.99
5745MHz	Pass	8.01	7.95	7.63	10.72	27.99
5785MHz	Pass	8.01	7.61	7.14	10.27	27.99
5825MHz	Pass	8.01	8.07	7.85	10.87	27.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.01	0.15	0.3	3.16	14.99
5230MHz	Pass	8.01	5.24	5.45	8.18	14.99
5270MHz	Pass	8.01	3.66	3.81	6.66	8.99
5310MHz	Pass	8.01	0.5	0.52	3.48	8.99
5510MHz	Pass	8.01	-1.24	-1.09	1.78	8.99
5550MHz	Pass	8.01	3.22	3.41	6.31	8.99
5670MHz	Pass	8.01	2.44	2.55	5.47	8.99
5755MHz	Pass	8.01	4.92	4.34	7.52	27.99
5795MHz	Pass	8.01	3.8	3.49	6.59	27.99
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.01	-2.48	-2.39	0.49	14.99
5290MHz	Pass	8.01	-2.79	-2.75	0.17	8.99
5530MHz	Pass	8.01	-4.1	-3.86	-1.04	8.99
5610MHz	Pass	8.01	-5.53	-5.31	-2.46	8.99
5775MHz	Pass	8.01	-1.39	-1.8	1.42	27.99

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

802.11a_Nss1,(6Mbps)_2TX PSD

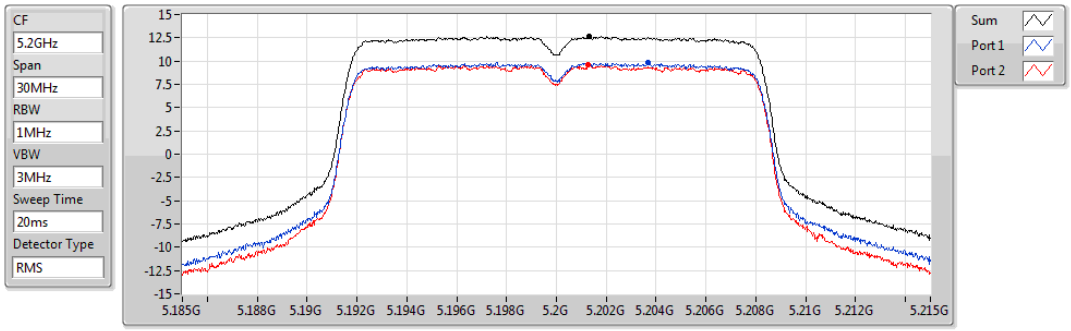
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.36	8.36	5.81	5.09

802.11a_Nss1,(6Mbps)_2TX PSD

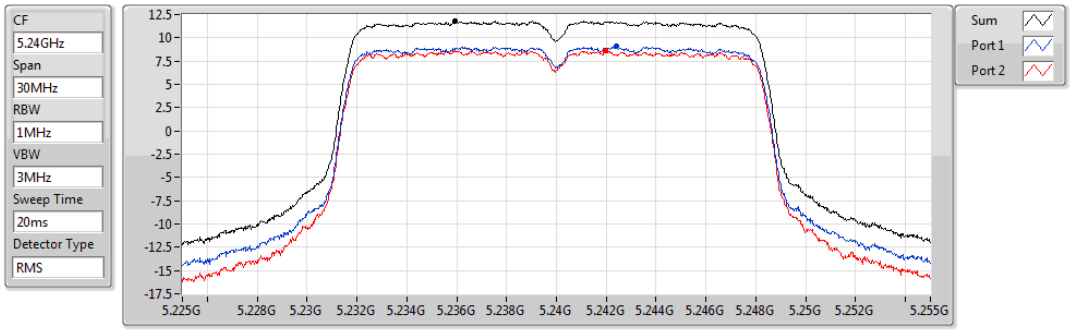
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.63	12.63	9.81	9.58

802.11a_Nss1,(6Mbps)_2TX PSD

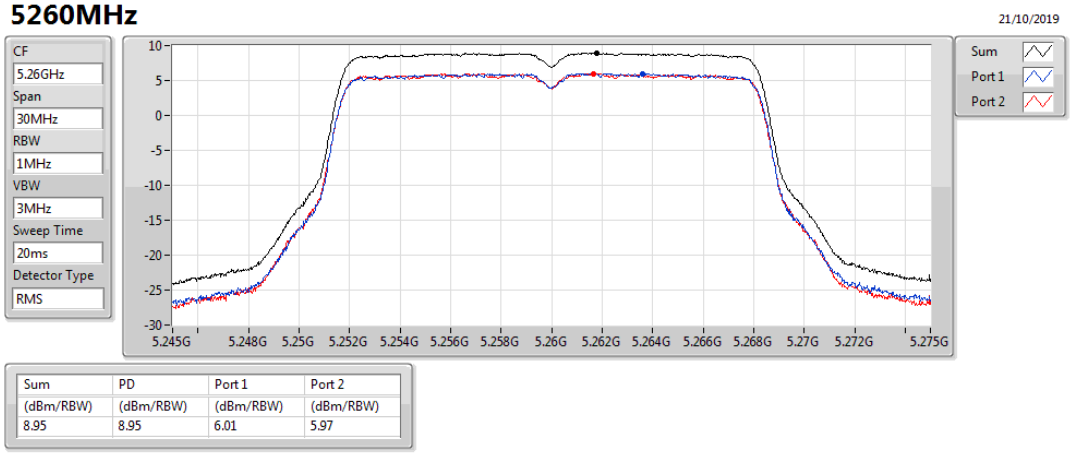
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.76	11.76	9.05	8.62

802.11a_Nss1,(6Mbps)_2TX PSD

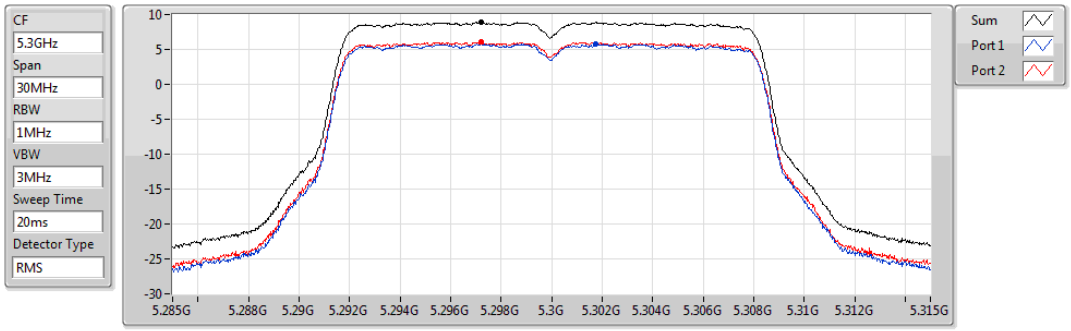
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.95	8.95	6.01	5.97

802.11a_Nss1,(6Mbps)_2TX PSD

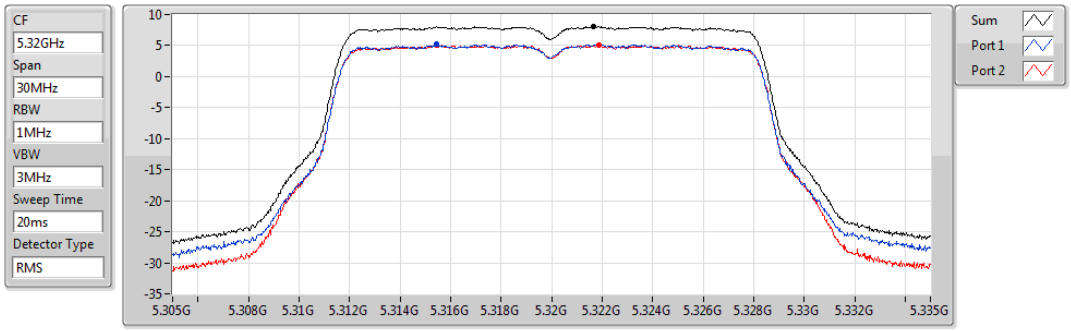
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.91	8.91	5.80	6.03

802.11a_Nss1,(6Mbps)_2TX PSD

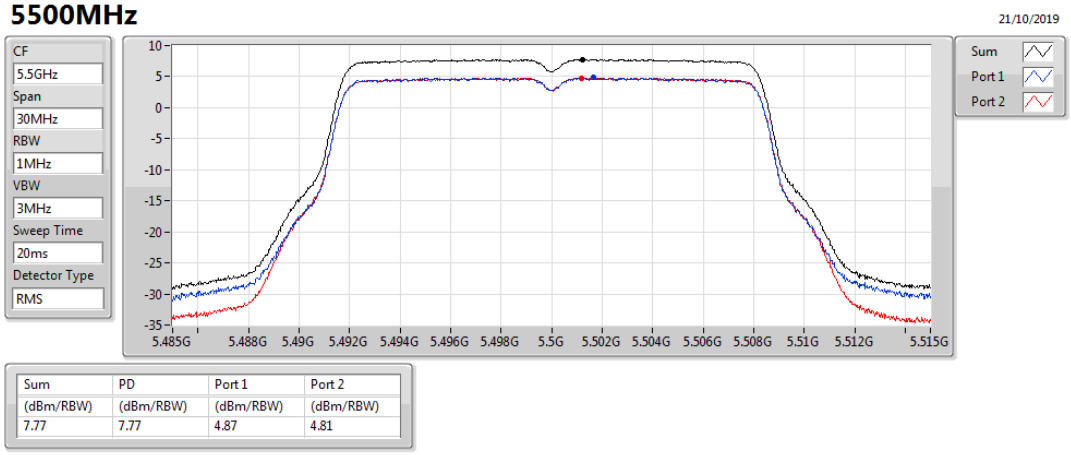
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.03	8.03	5.17	5.09

802.11a_Nss1,(6Mbps)_2TX PSD

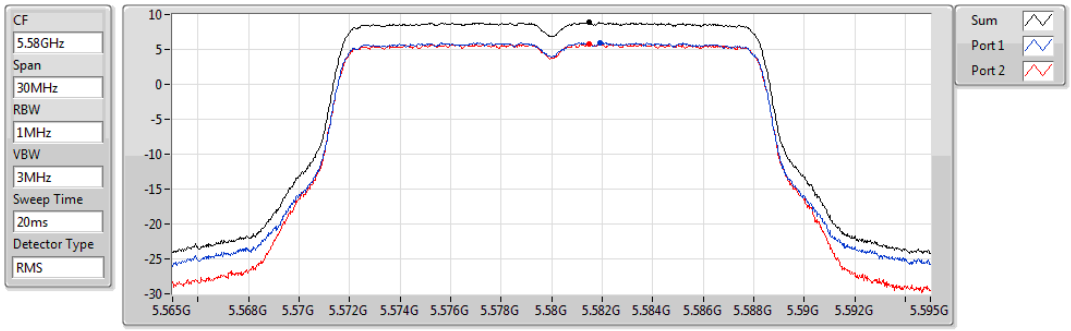
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.77	7.77	4.87	4.81

802.11a_Nss1,(6Mbps)_2TX PSD

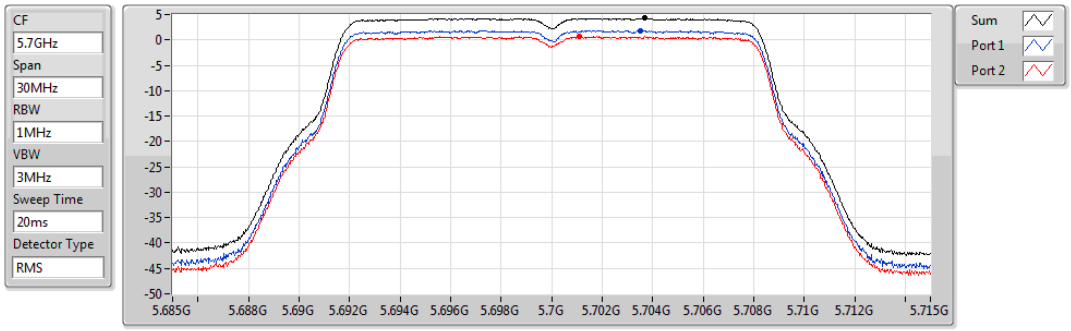
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.84	8.84	5.94	5.79

802.11a_Nss1,(6Mbps)_2TX PSD

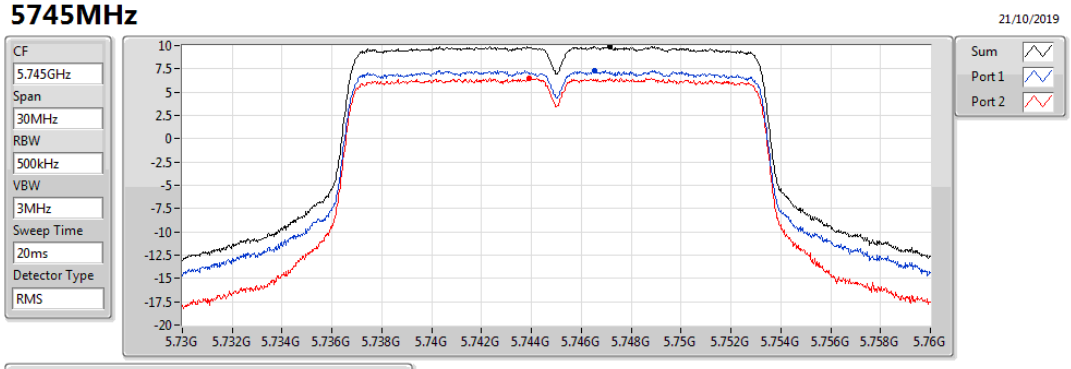
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.25	4.25	1.86	0.67

802.11a_Nss1,(6Mbps)_2TX PSD

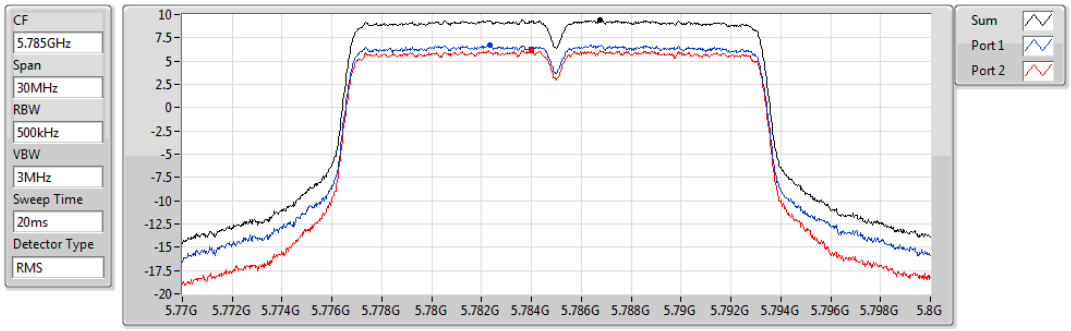
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.86	9.86	7.33	6.51

802.11a_Nss1,(6Mbps)_2TX PSD

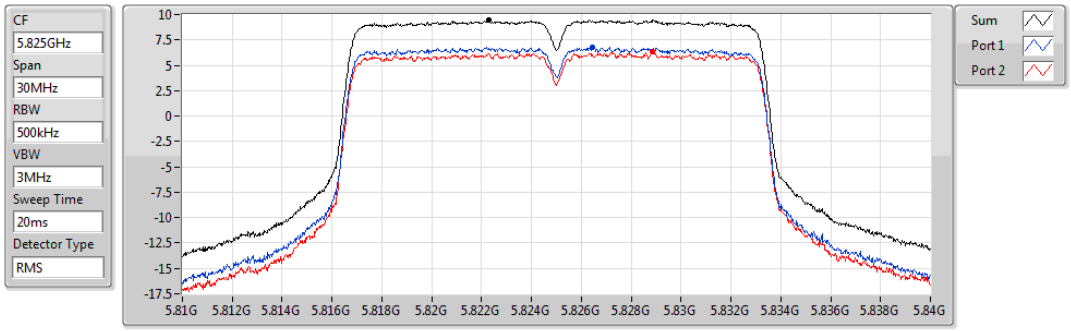
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.40	9.40	6.70	6.14

802.11a_Nss1,(6Mbps)_2TX PSD

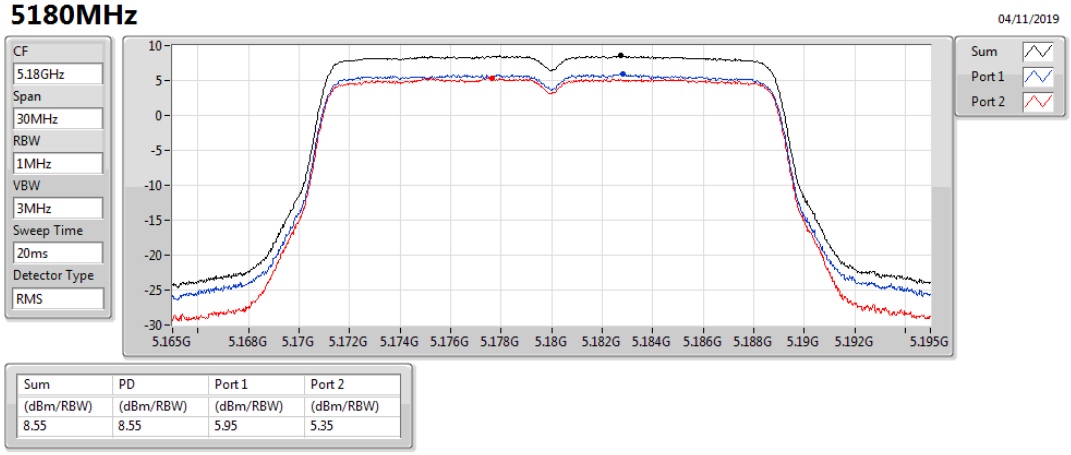
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.44	9.44	6.75	6.37

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

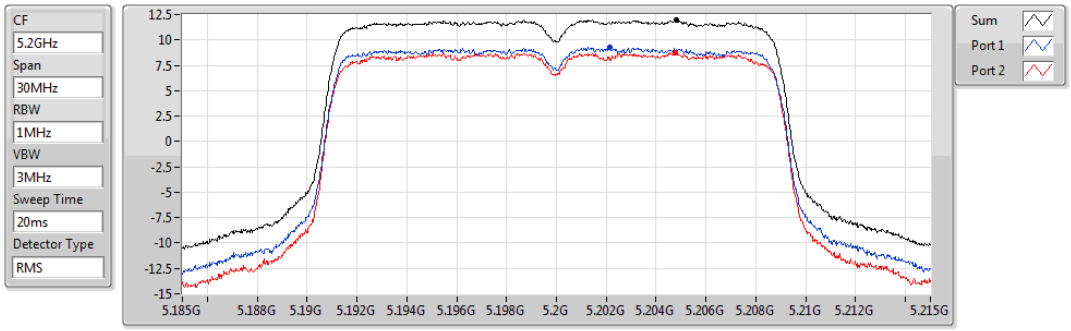
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.55	8.55	5.95	5.35

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

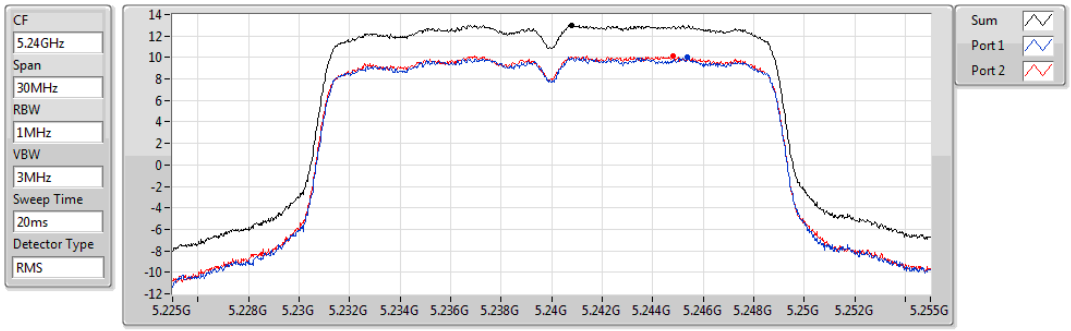
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.92	11.92	9.26	8.77

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

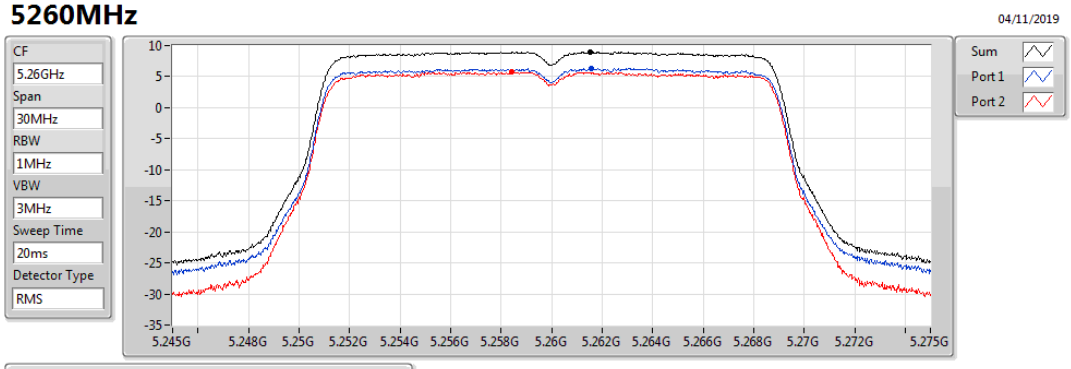
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.01	13.01	10.02	10.12

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

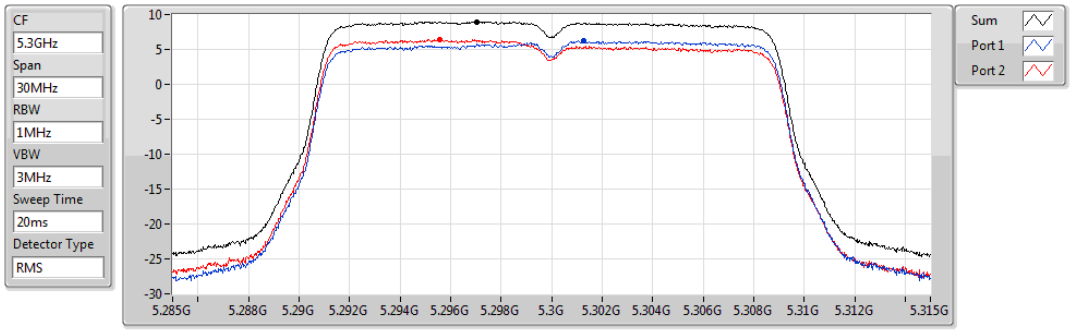
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.96	8.96	6.29	5.78

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

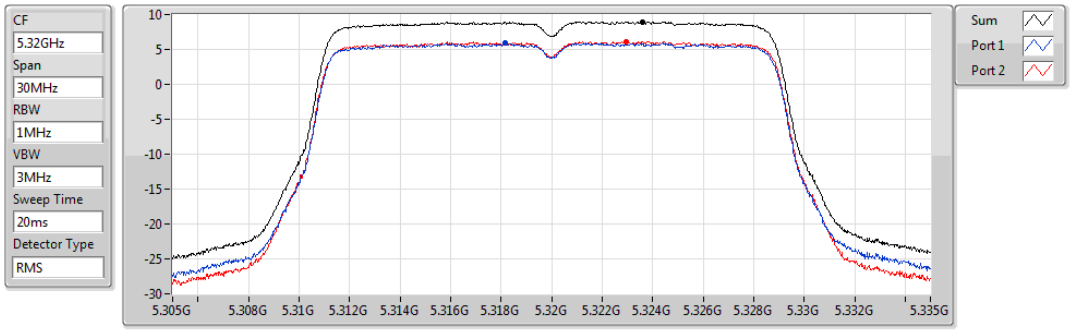
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.98	8.98	6.20	6.44

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

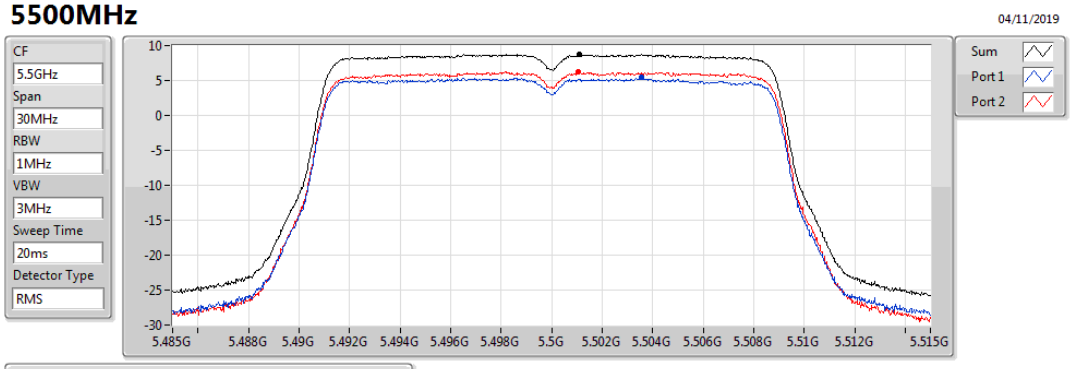
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.97	8.97	5.87	6.17

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

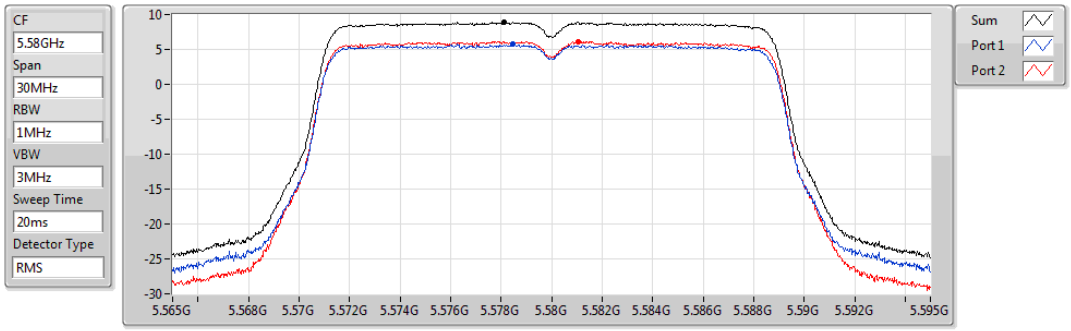
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.74	8.74	5.42	6.26

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

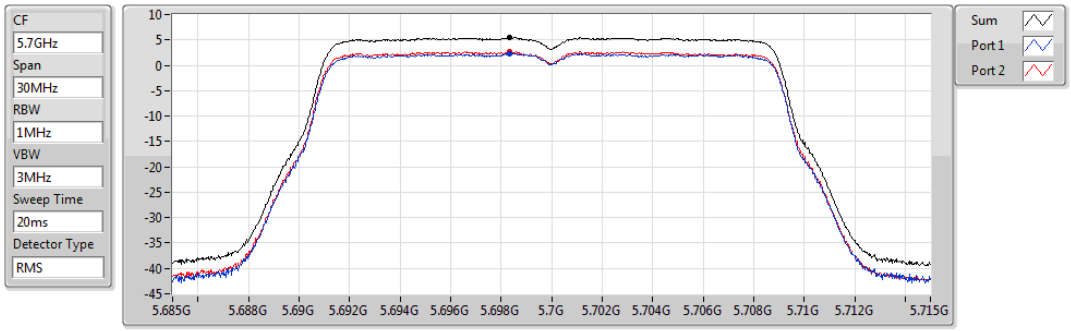
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.89	8.89	5.73	6.15

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

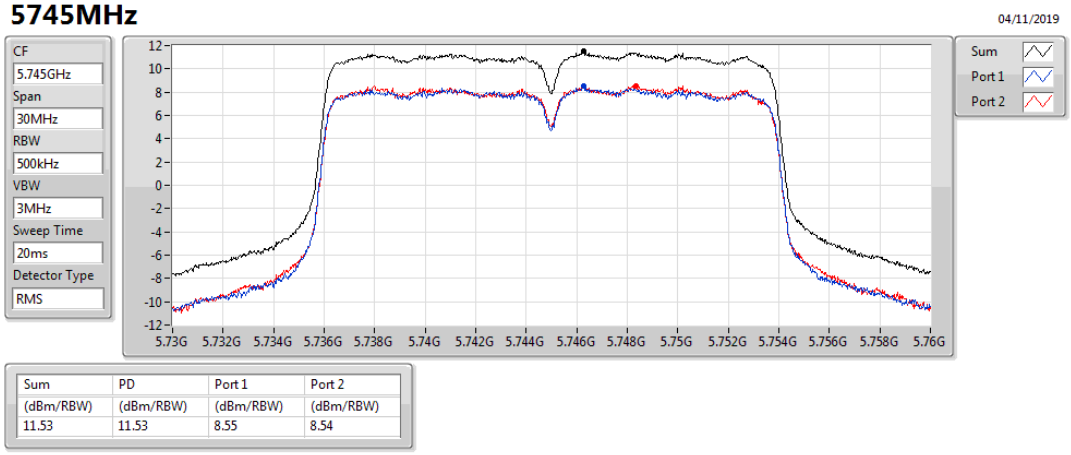
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.50	5.50	2.36	2.66

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

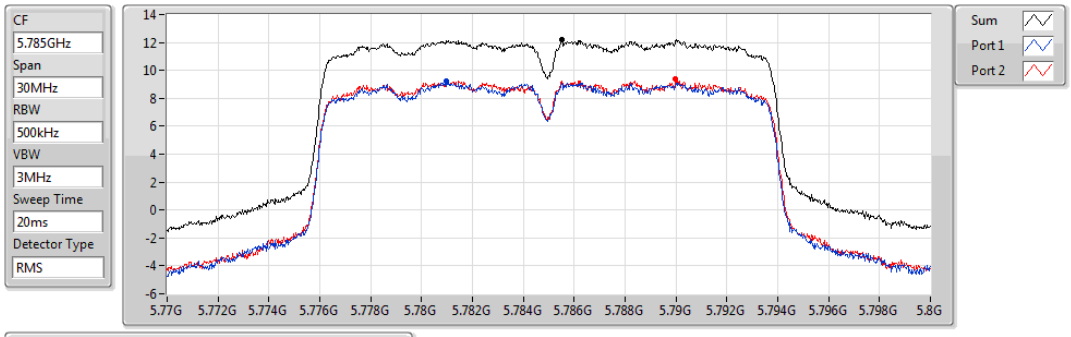
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.53	11.53	8.55	8.54

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

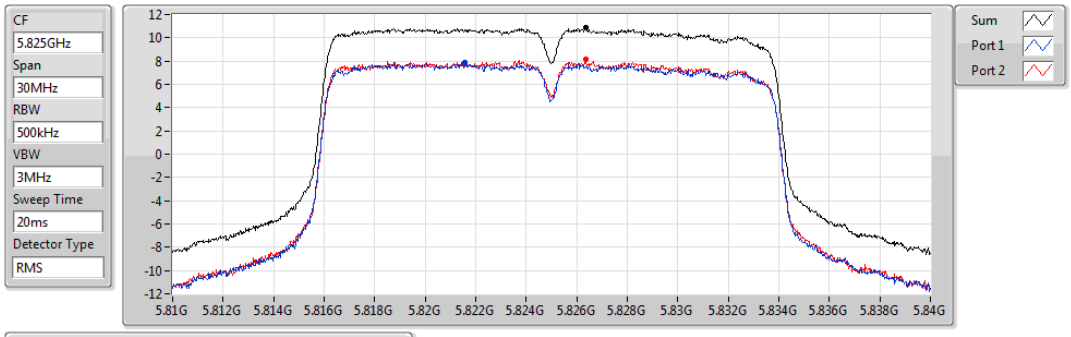
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.18	12.18	9.21	9.39

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

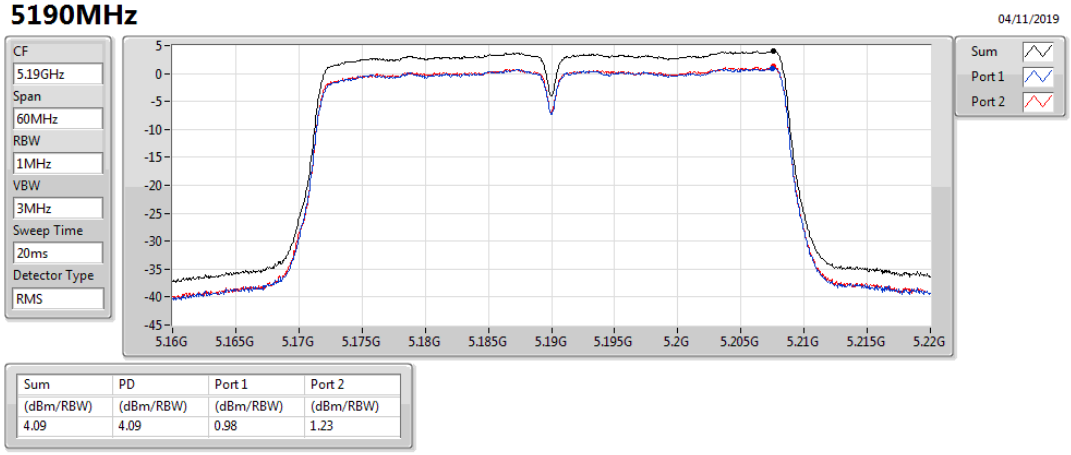
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.84	10.84	7.88	8.12

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

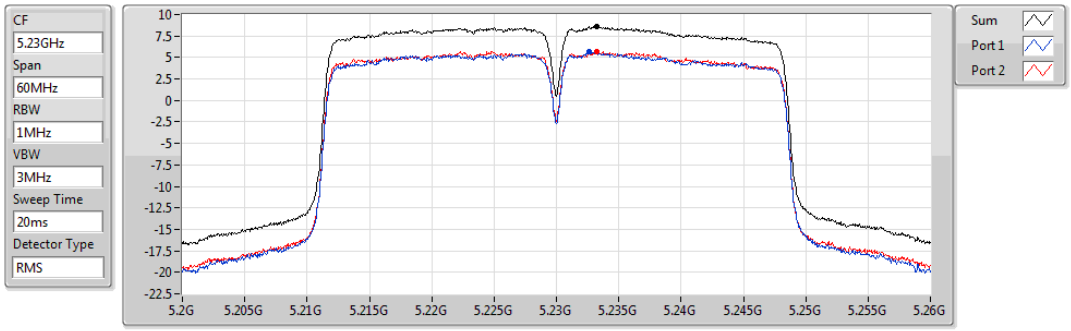
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.09	4.09	0.98	1.23

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

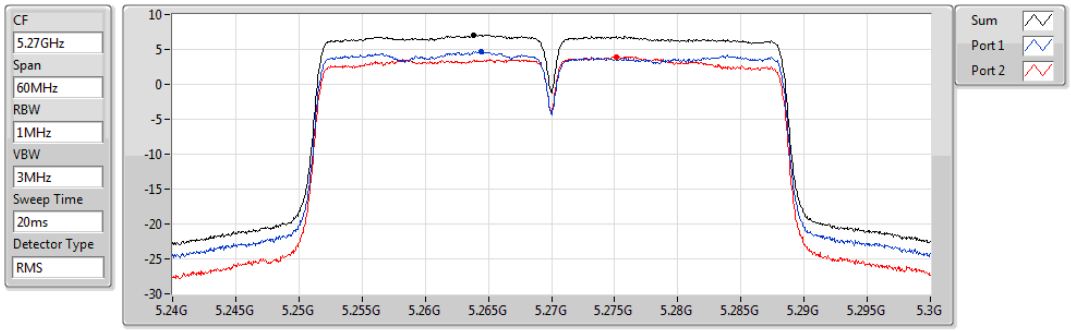
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.60	8.60	5.65	5.72

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

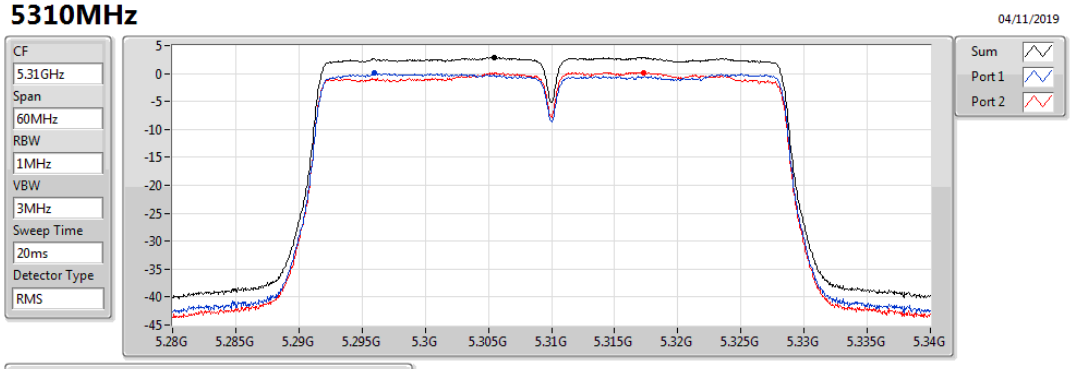
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.09	7.09	4.69	3.97

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

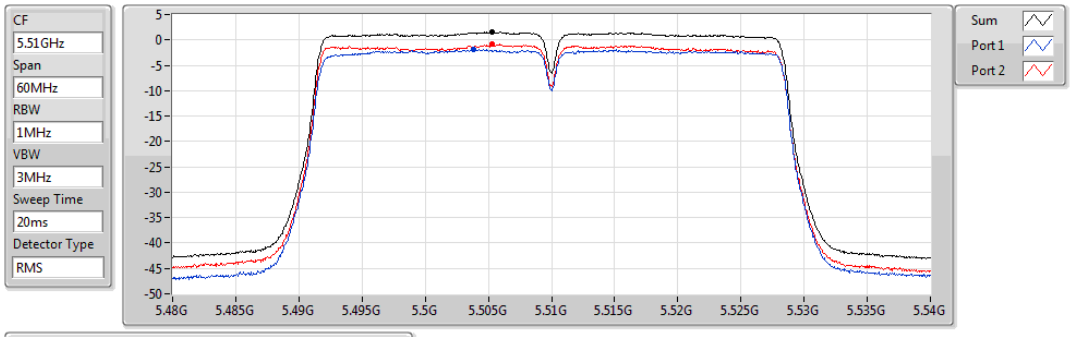
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.86	2.86	0.15	0.21

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

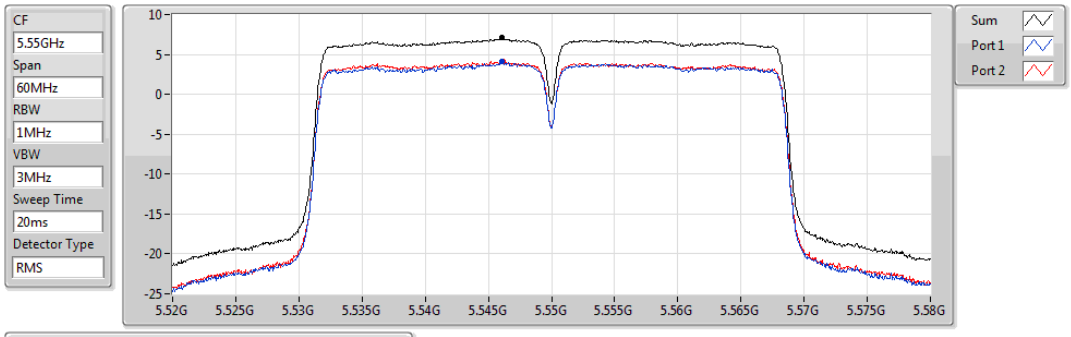
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.52	1.52	-1.80	-0.88

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

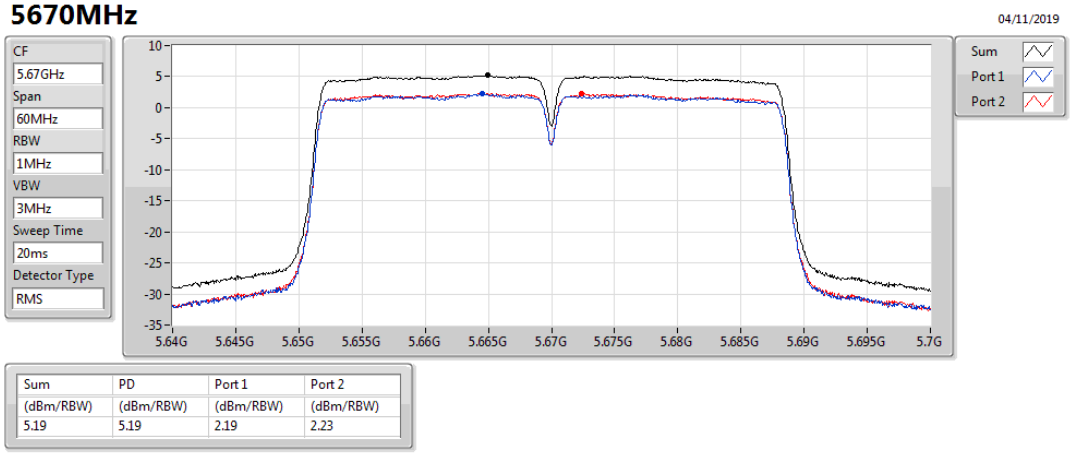
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.11	7.11	4.10	4.15

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

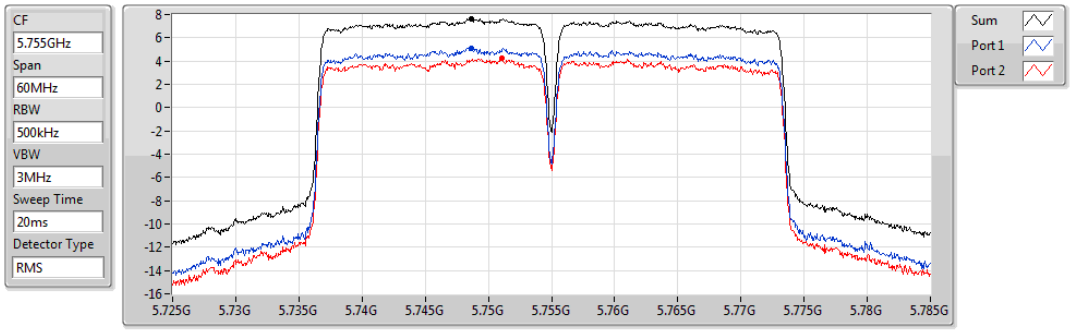
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.19	5.19	2.19	2.23

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

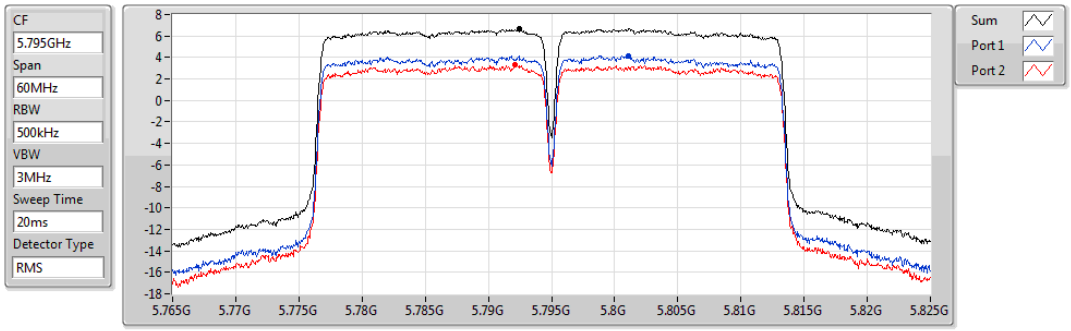
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.65	7.65	5.12	4.25

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

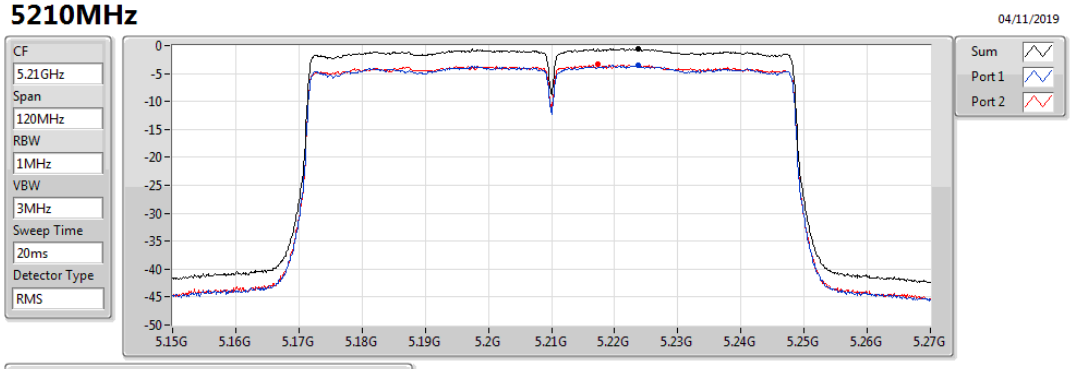
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.72	6.72	4.16	3.34

802.11ac VHT80-BF_Nss1,(MCS0)_2TX PSD

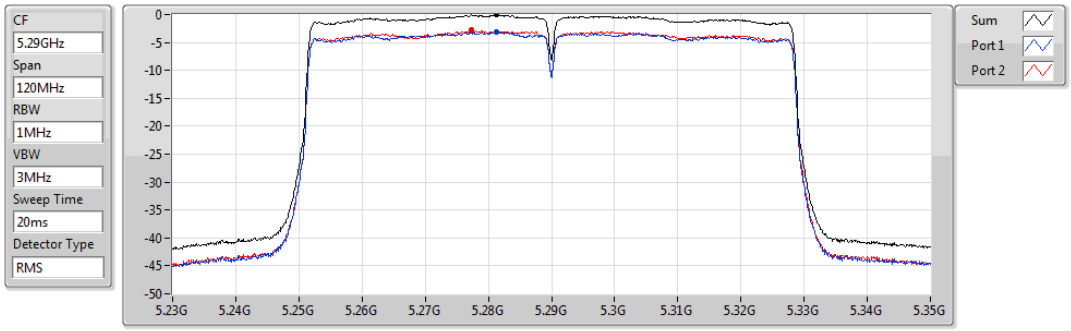
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.59	-0.59	-3.52	-3.36

802.11ac VHT80-BF_Nss1,(MCS0)_2TX PSD

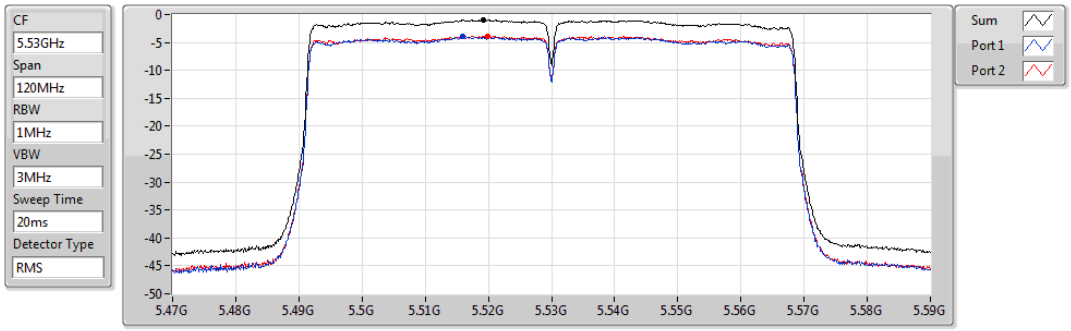
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.02	-0.02	-3.16	-2.78

802.11ac VHT80-BF_Nss1,(MCS0)_2TX PSD

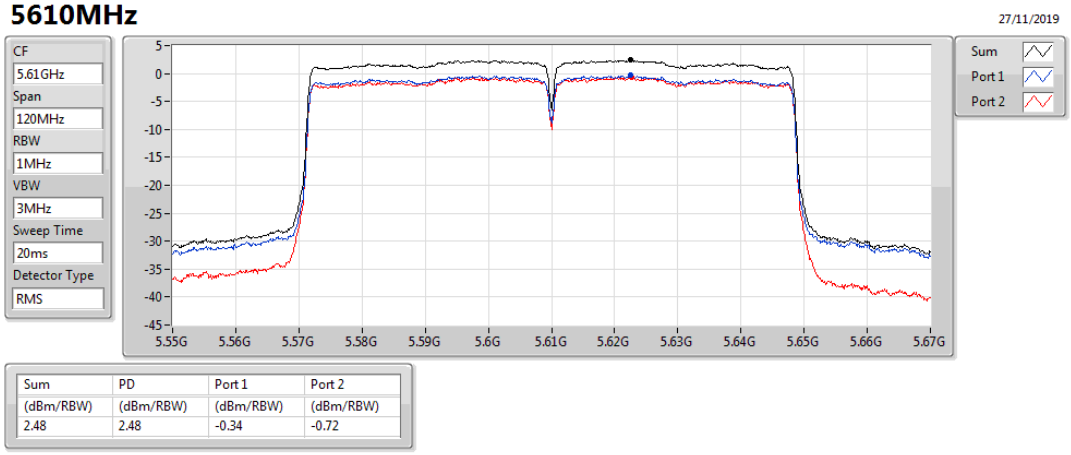
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.98	-0.98	-3.97	-3.83

802.11ac VHT80-BF_Nss1,(MCS0)_2TX PSD

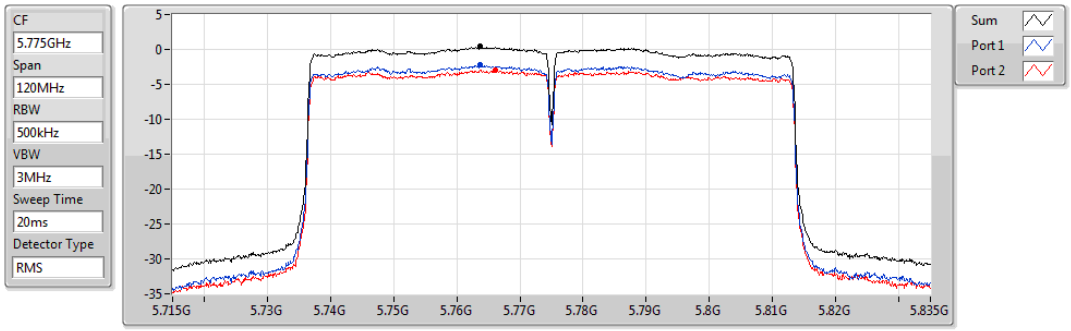
5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.48	2.48	-0.34	-0.72

802.11ac VHT80-BF_Nss1,(MCS0)_2TX PSD

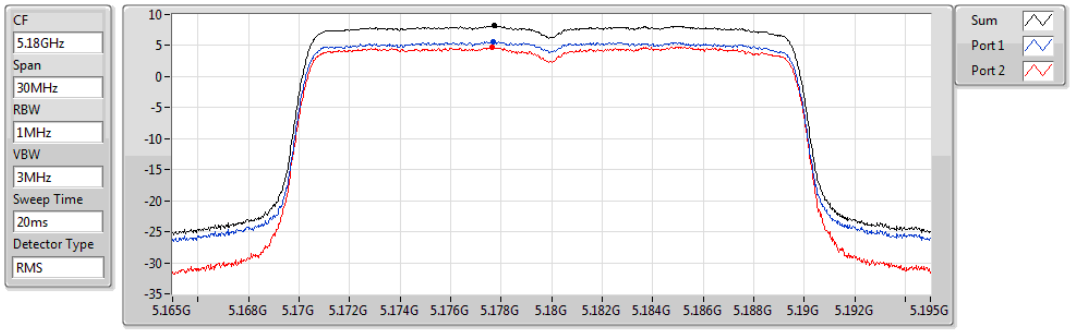
5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.43	0.43	-2.19	-2.92

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

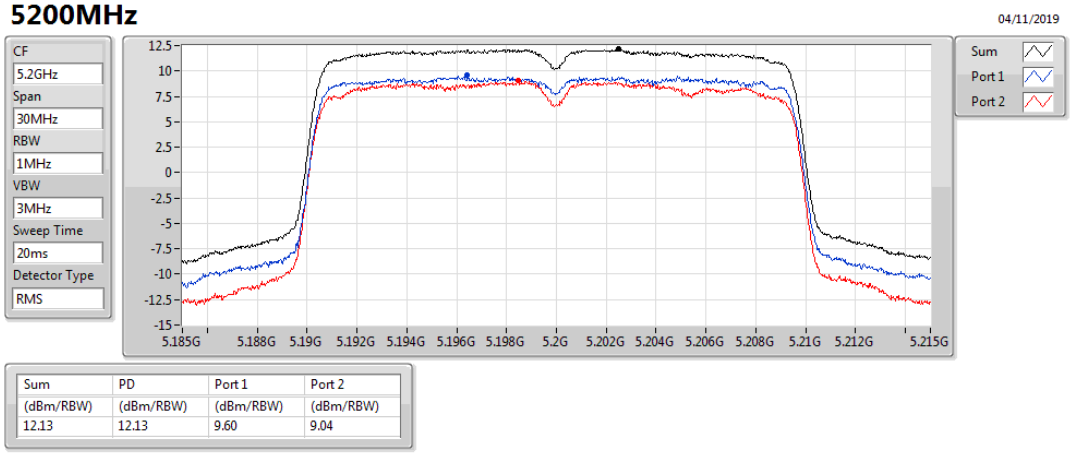
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.20	8.20	5.61	4.81

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

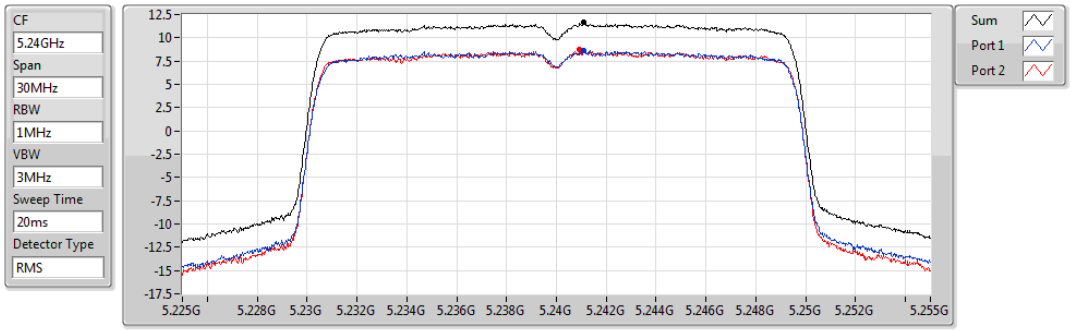
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.13	12.13	9.60	9.04

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

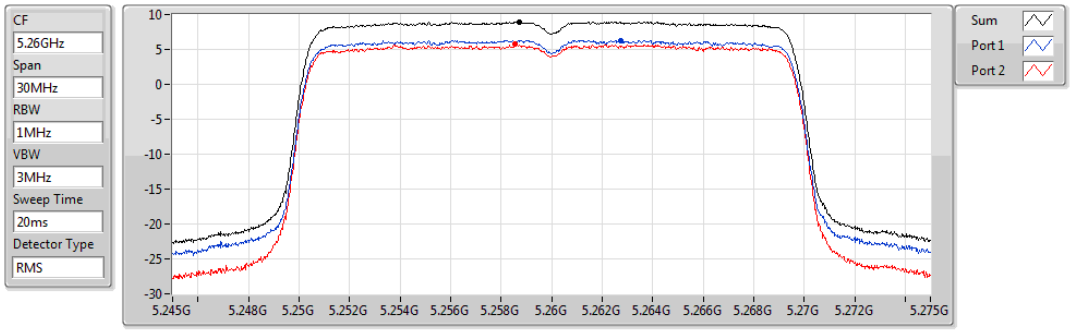
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.63	11.63	8.67	8.71

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

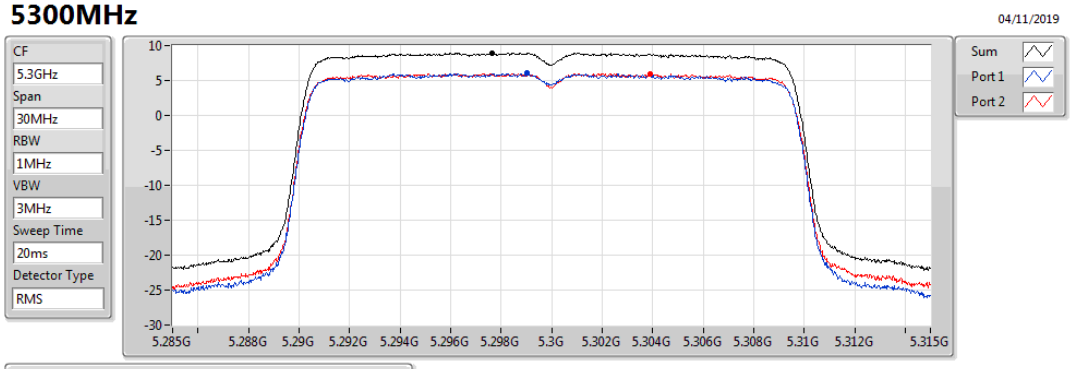
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.95	8.95	6.31	5.71

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

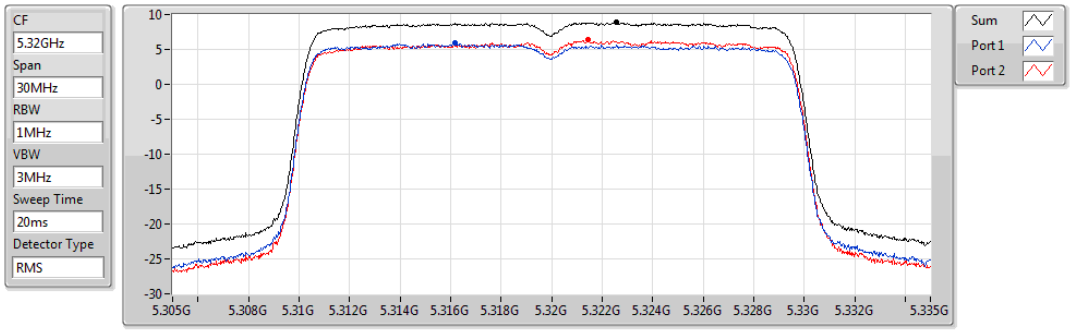
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.93	8.93	6.02	5.98

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

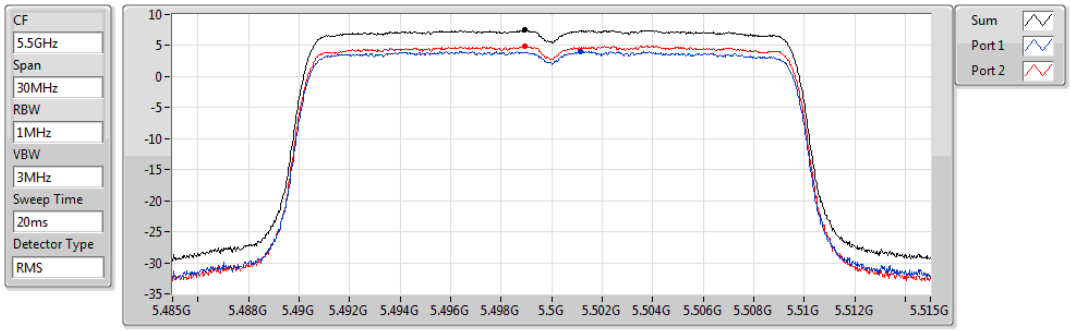
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.86	8.86	5.88	6.34

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

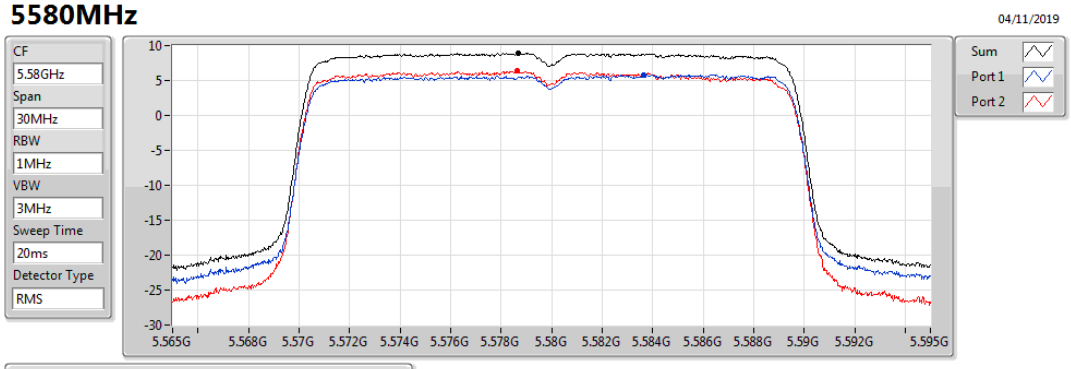
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.46	7.46	4.05	4.93

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

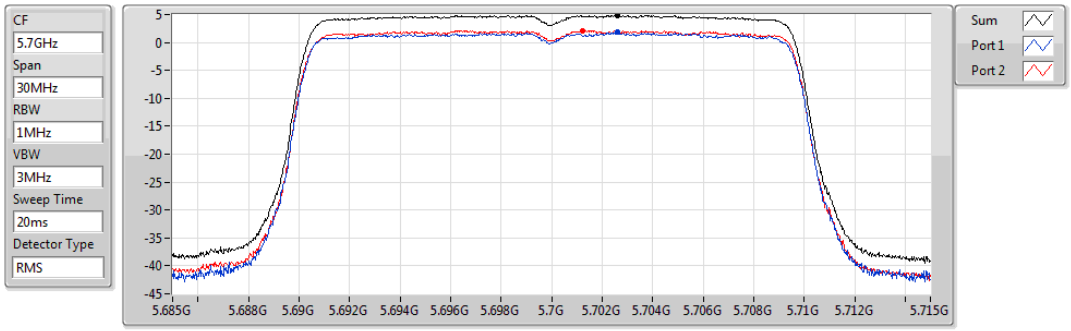
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.90	8.90	5.80	6.34

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

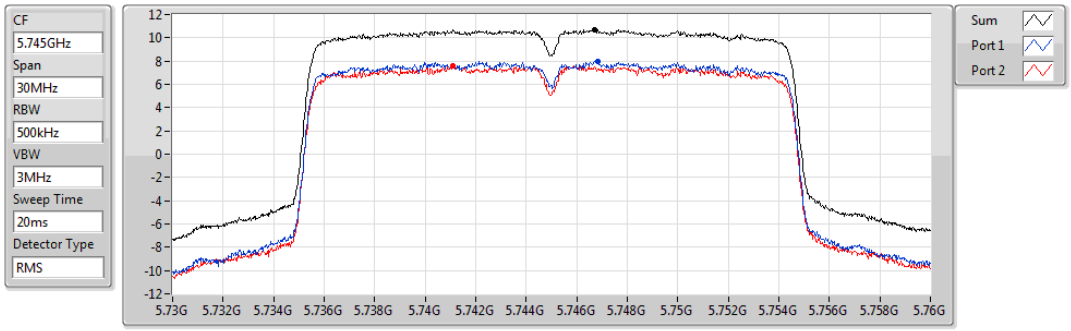
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.87	4.87	1.79	2.13

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

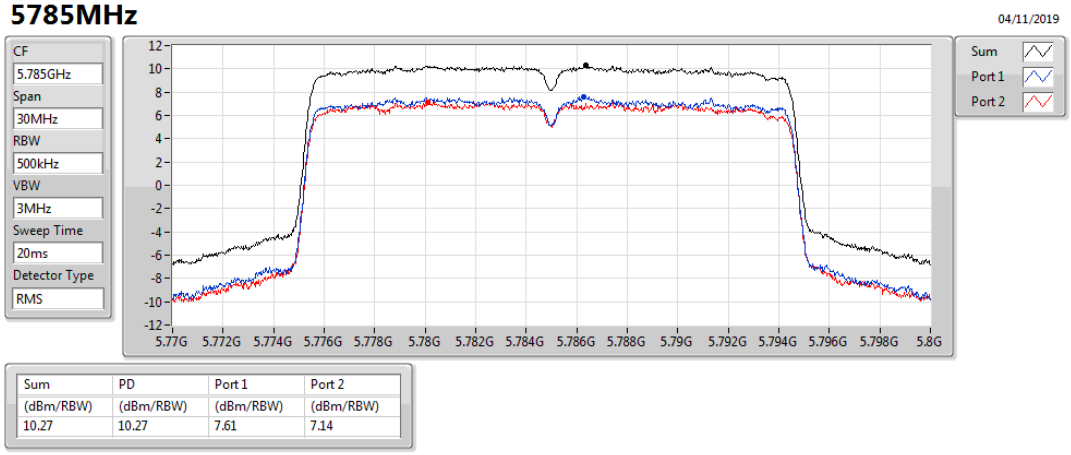
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.72	10.72	7.95	7.63

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

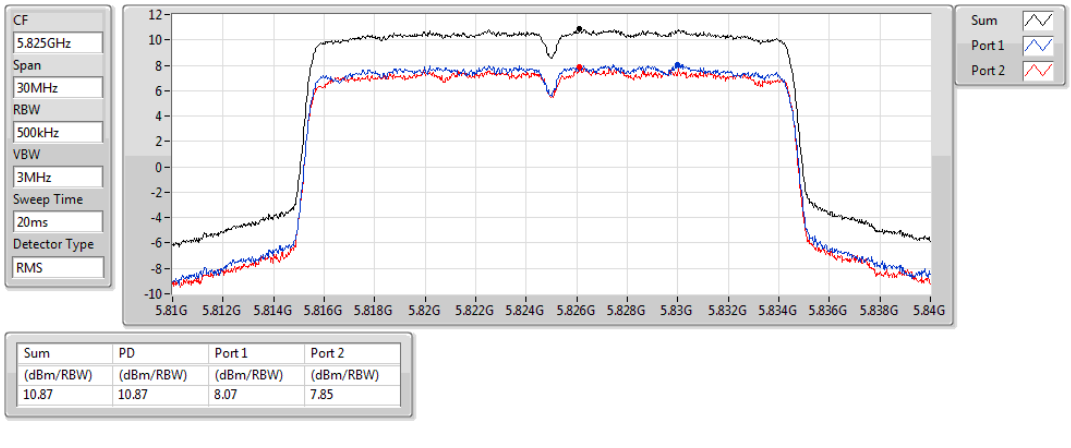
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.27	10.27	7.61	7.14

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

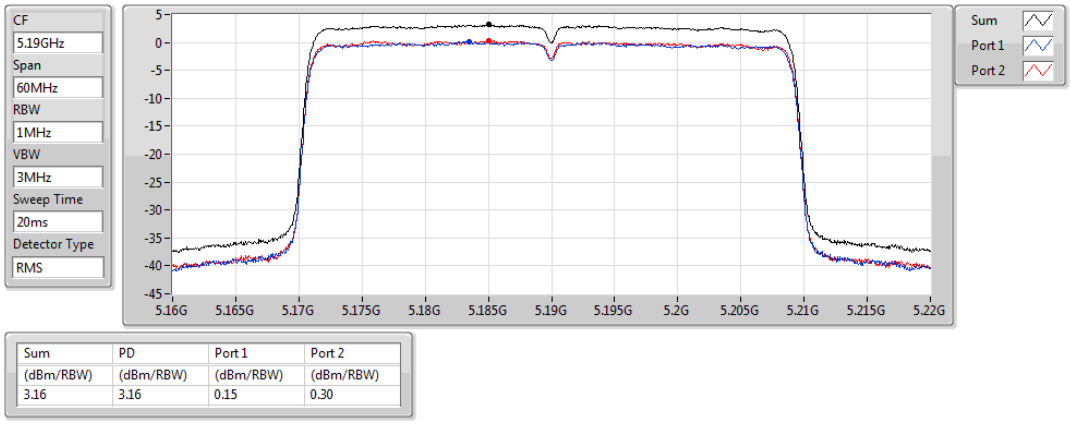
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.87	10.87	8.07	7.85

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

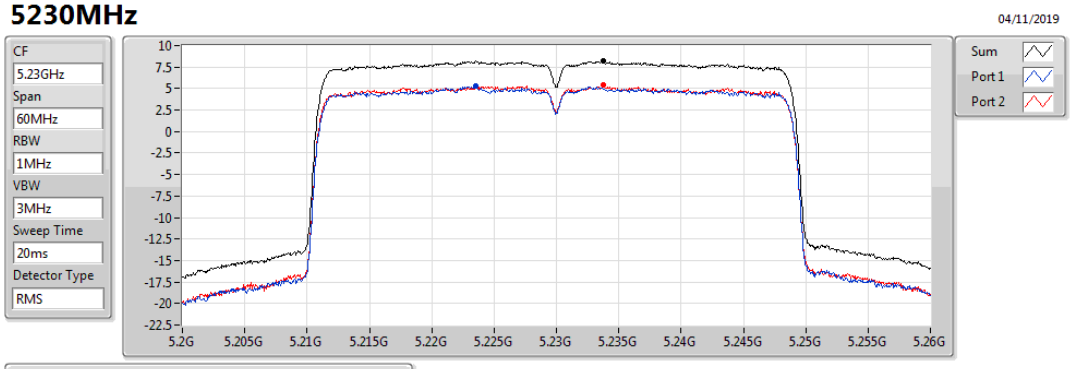
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.16	3.16	0.15	0.30

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

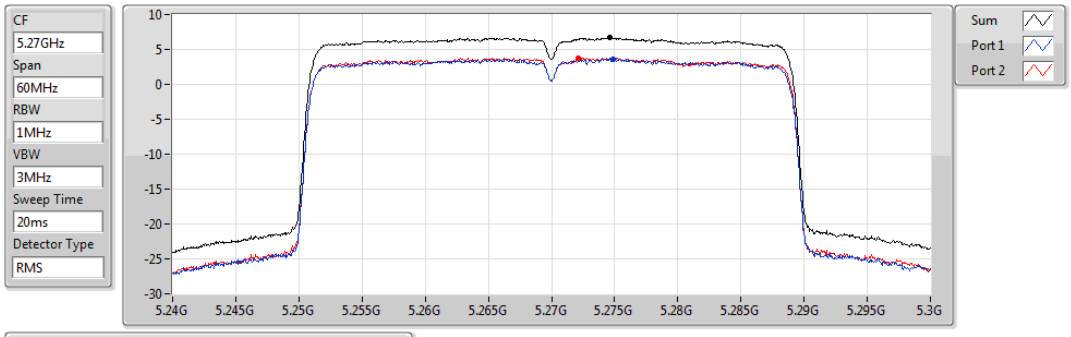
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.18	8.18	5.24	5.45

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

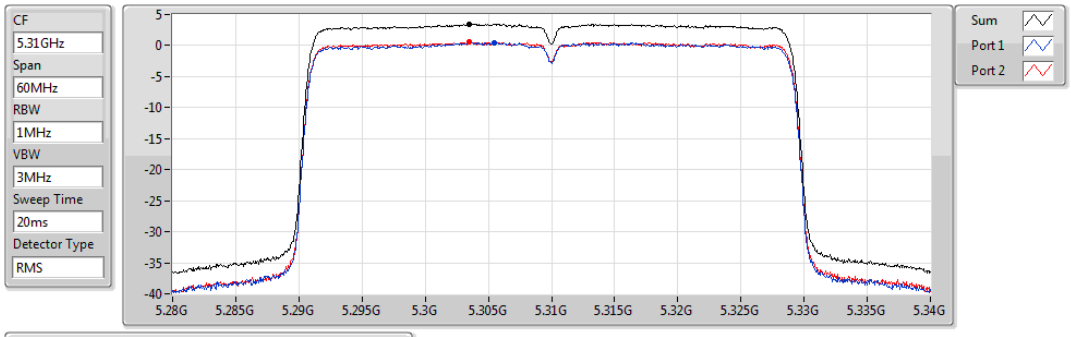
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.66	6.66	3.66	3.81

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

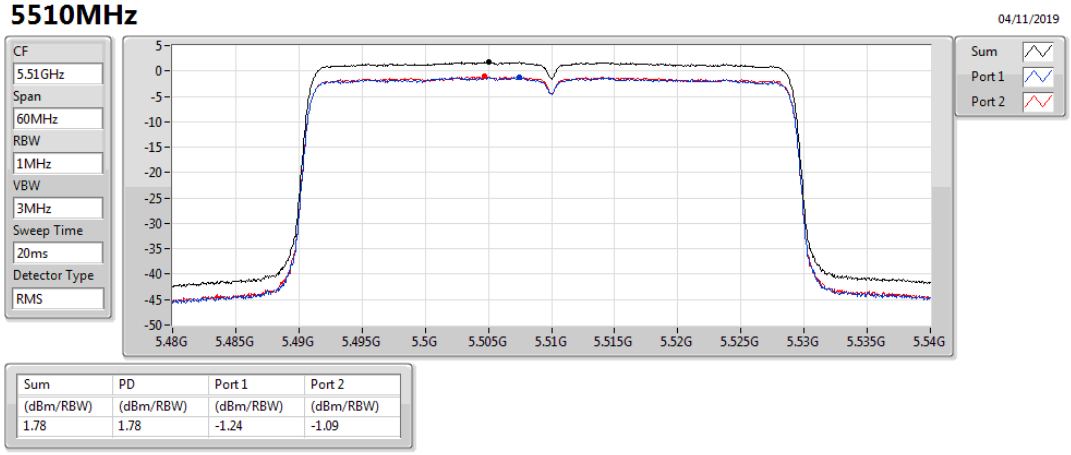
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.48	3.48	0.50	0.52

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

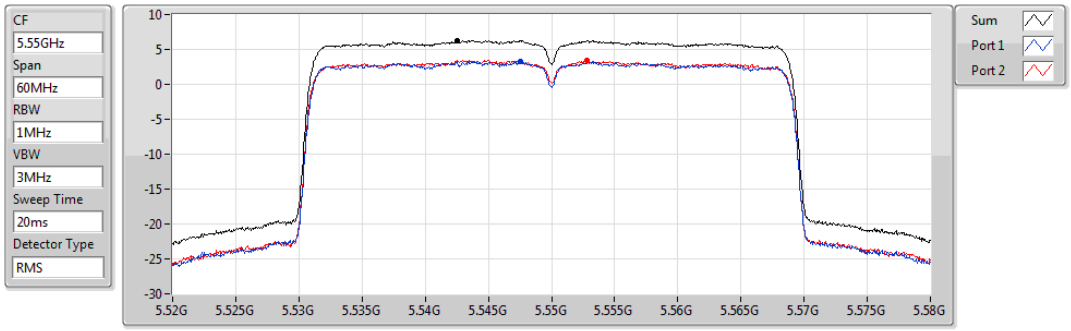
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.78	1.78	-1.24	-1.09

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

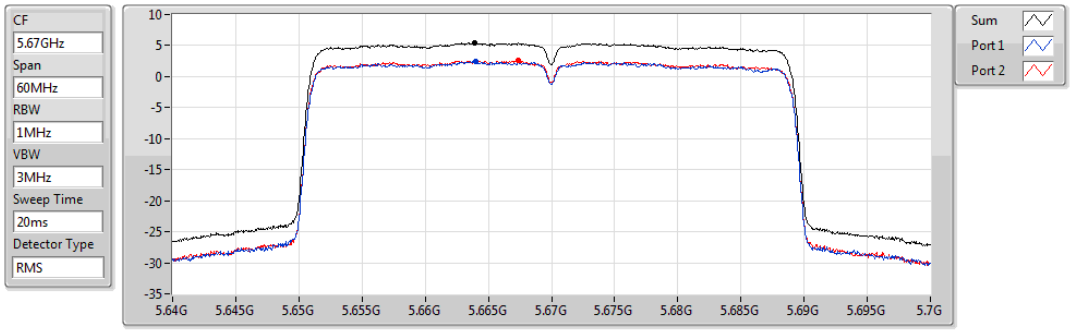
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.31	6.31	3.22	3.41

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

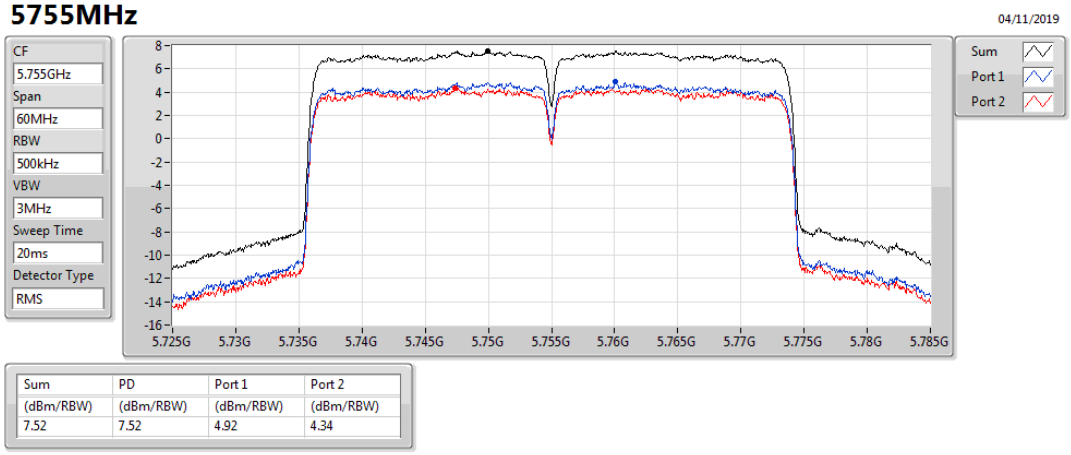
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.47	5.47	2.44	2.55

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

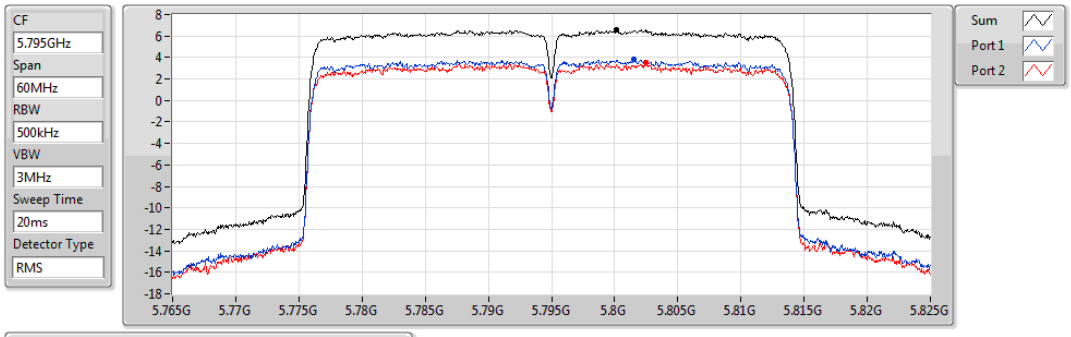
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.52	7.52	4.92	4.34

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

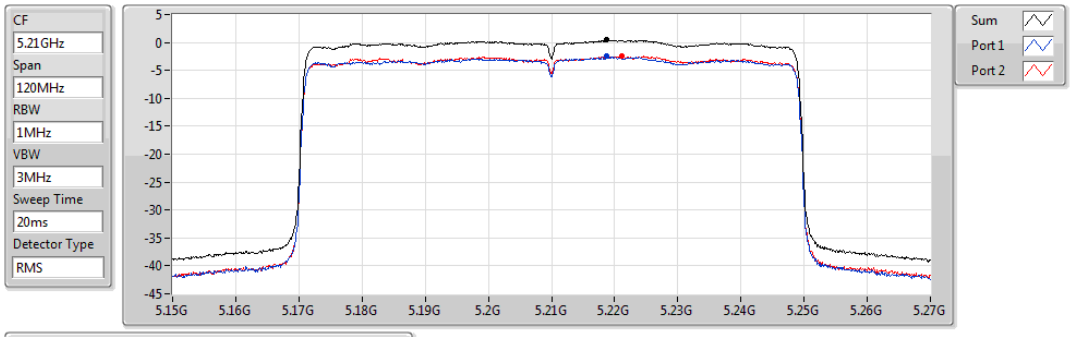
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.59	6.59	3.80	3.49

802.11ax HEW80-BF_Nss1,(MCS0)_2TX PSD

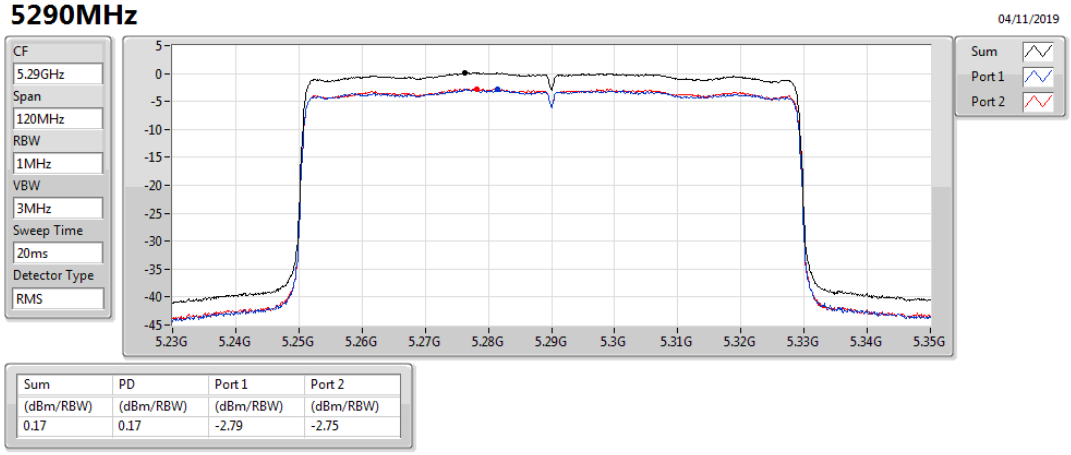
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.49	0.49	-2.48	-2.39

802.11ax HEW80-BF_Nss1,(MCS0)_2TX PSD

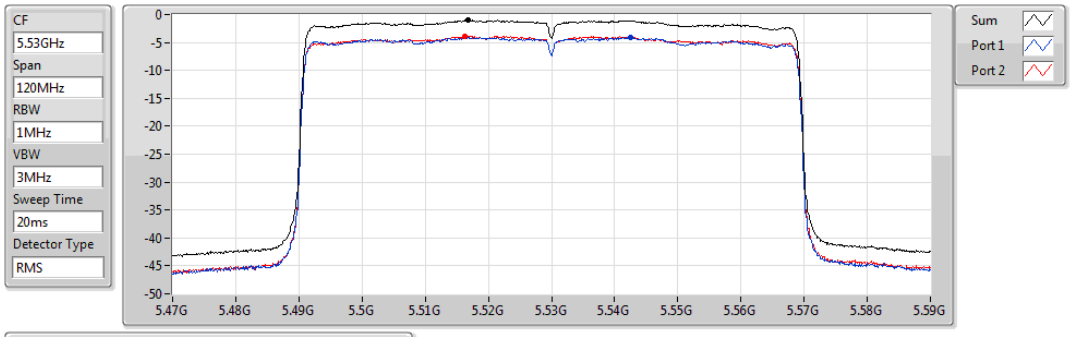
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.17	0.17	-2.79	-2.75

802.11ax HEW80-BF_Nss1,(MCS0)_2TX PSD

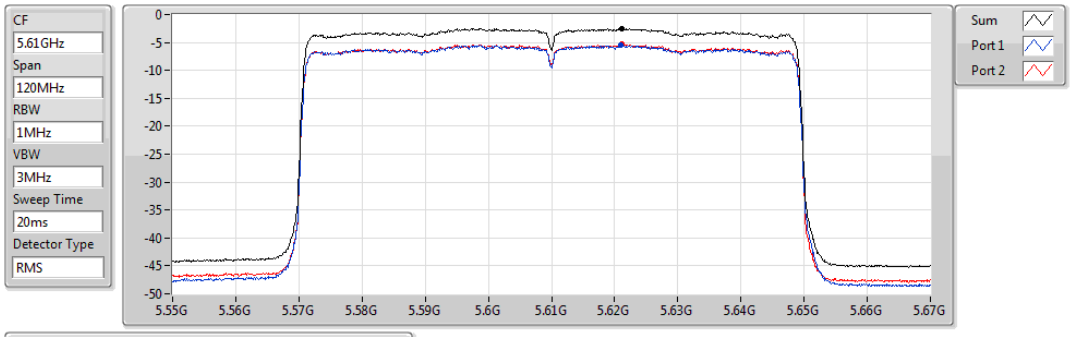
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.04	-1.04	-4.10	-3.86

802.11ax HEW80-BF_Nss1,(MCS0)_2TX PSD

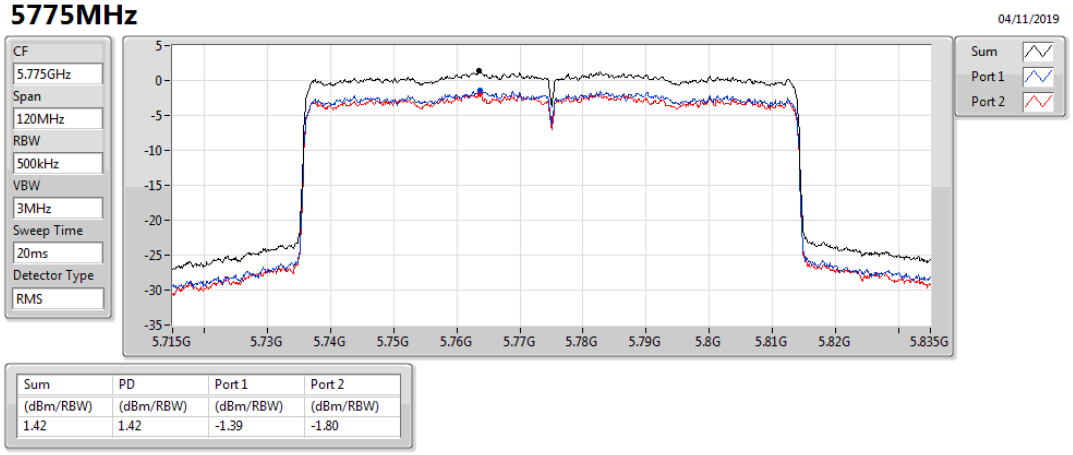
5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.46	-2.46	-5.53	-5.31

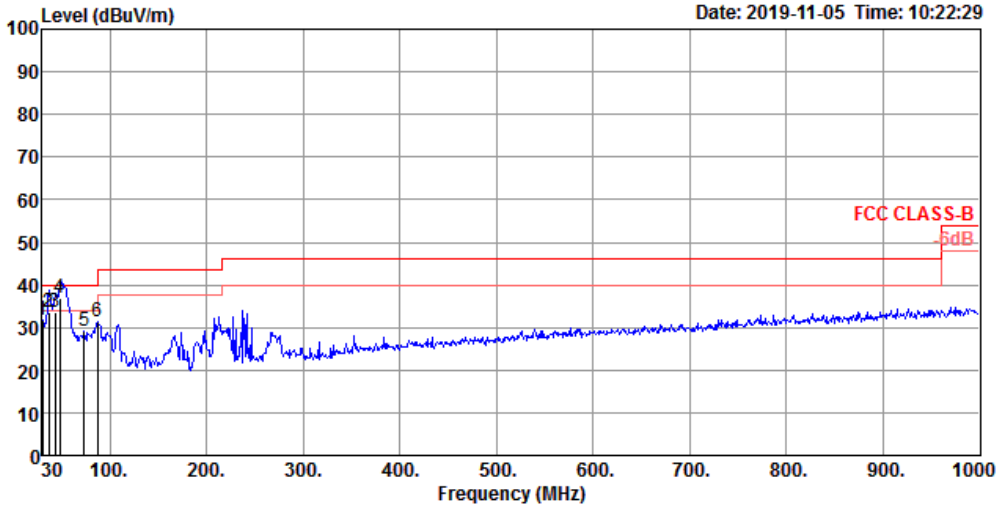
802.11ax HEW80-BF_Nss1,(MCS0)_2TX **PSD**

5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.42	1.42	-1.39	-1.80

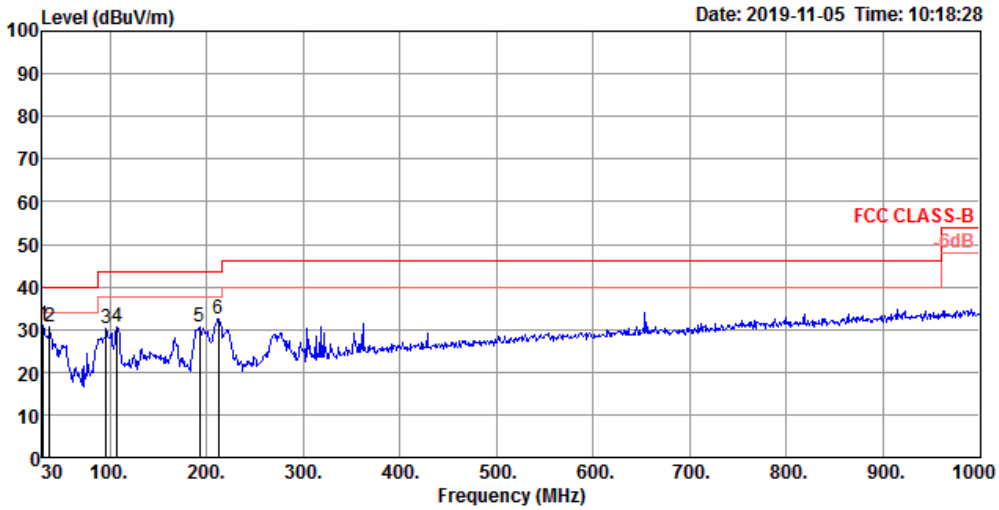
RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	Intentional-CTX		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	30.00	31.78	40.00	-8.22	36.99	0.67	25.70	31.58	125	159	Peak	VERTICAL
2	36.79	33.57	40.00	-6.43	42.59	0.78	21.69	31.49	100	250	QP	VERTICAL
3	43.58	33.58	40.00	-6.42	46.45	0.88	17.82	31.57	100	2	QP	VERTICAL
4	48.43	36.88	40.00	-3.12	52.20	0.92	15.46	31.70	100	4	QP	VERTICAL
5	73.65	29.08	40.00	-10.92	47.00	1.10	12.86	31.88	150	188	Peak	VERTICAL
6	87.23	31.28	40.00	-8.72	47.30	1.18	14.68	31.88	150	182	Peak	VERTICAL

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

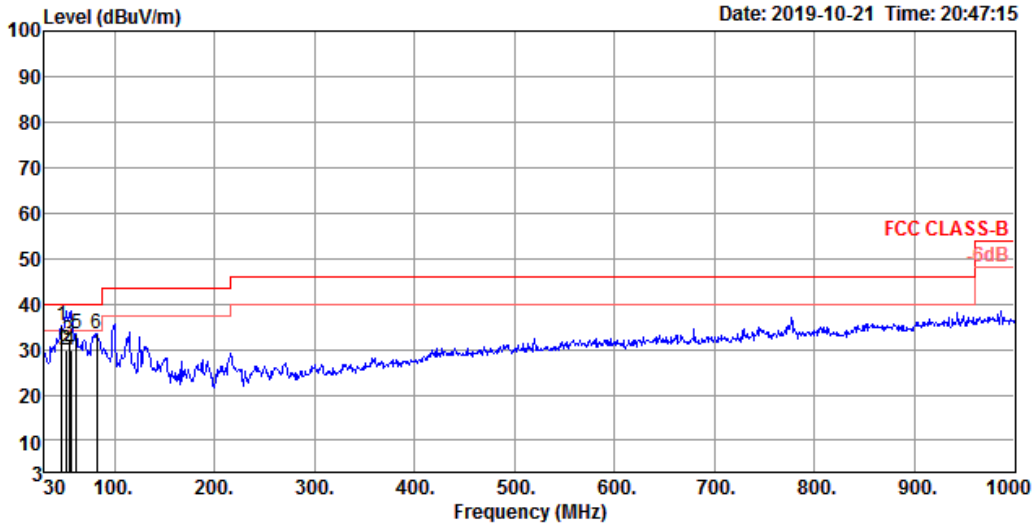
RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	Intentional-CTX		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	30.97	30.90	40.00	-9.10	36.66	0.69	25.11	31.56	200	116	Peak	HORIZONTAL
2	37.76	30.45	40.00	-9.55	40.09	0.80	21.06	31.50	300	238	Peak	HORIZONTAL
3	95.96	30.30	43.50	-13.20	44.61	1.25	16.40	31.96	300	264	Peak	HORIZONTAL
4	107.60	30.52	43.50	-12.98	43.14	1.35	17.93	31.90	300	264	Peak	HORIZONTAL
5	192.96	30.62	43.50	-12.88	45.12	1.73	15.73	31.96	150	261	Peak	HORIZONTAL
6	212.36	32.65	43.50	-10.85	46.40	1.81	16.40	31.96	150	241	Peak	HORIZONTAL

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

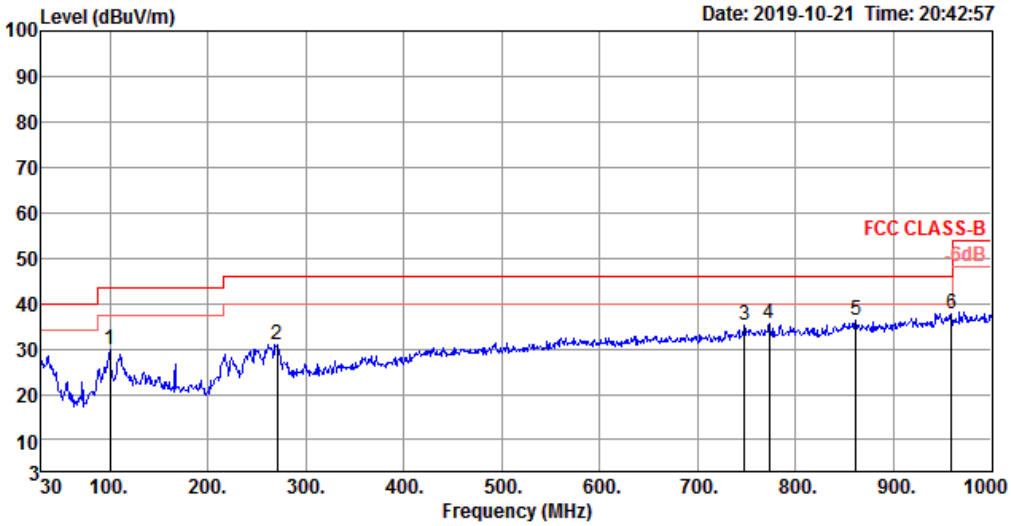
RSE below 1GHz Result			
Operating Mode	3	**Polarization**	Vertical
Operating Function	Unintentional-Normal Link		



	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	47.46	35.16	40.00	-4.84	51.58	1.28	15.01	32.71	100	320	Peak	VERTICAL
2	51.34	29.78	40.00	-10.22	47.61	1.33	13.55	32.71	150	357	QP	VERTICAL
3	54.25	32.04	40.00	-7.96	50.59	1.37	12.73	32.65	300	281	QP	VERTICAL
4	56.19	29.97	40.00	-10.03	48.80	1.39	12.39	32.61	100	45	QP	VERTICAL
5	62.01	33.44	40.00	-6.56	52.42	1.46	12.05	32.49	125	358	Peak	VERTICAL
6	82.38	33.59	40.00	-6.41	51.32	1.69	13.06	32.48	150	111	Peak	VERTICAL

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

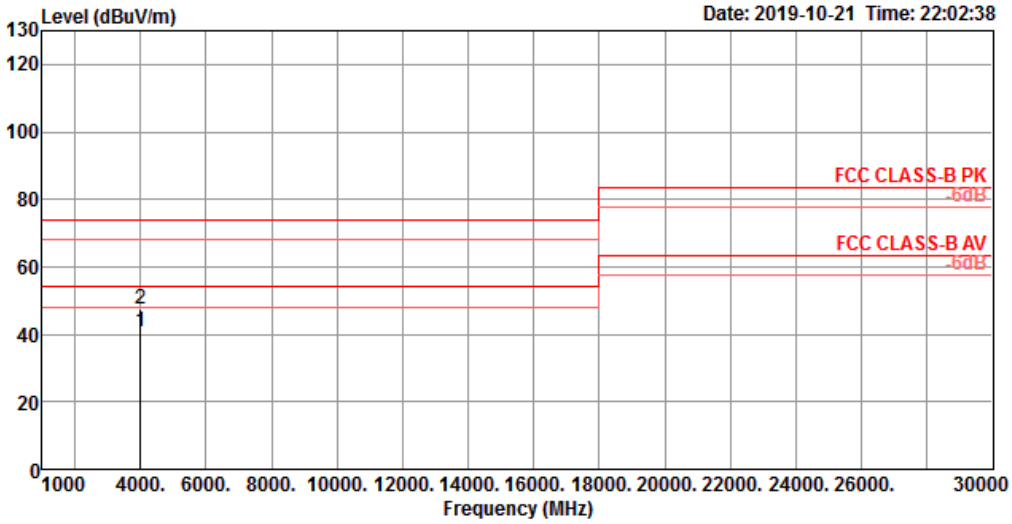
RSE below 1GHz Result			
Operating Mode	3	**Polarization**	Horizontal
Operating Function	Unintentional-Normal Link		



	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	99.84	29.89	43.50	-13.61	43.64	1.88	16.73	32.36	300	35	Peak	HORIZONTAL
2	270.56	30.89	46.00	-15.11	41.15	3.19	18.95	32.40	150	189	Peak	HORIZONTAL
3	747.80	35.17	46.00	-10.83	36.44	5.46	25.35	32.08	125	207	Peak	HORIZONTAL
4	773.02	35.53	46.00	-10.47	36.63	5.55	25.54	32.19	200	305	Peak	HORIZONTAL
5	861.29	36.14	46.00	-9.86	35.92	5.88	26.06	31.72	125	101	Peak	HORIZONTAL
6	959.26	37.81	46.00	-8.19	36.24	6.30	26.56	31.29	150	78	Peak	HORIZONTAL

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

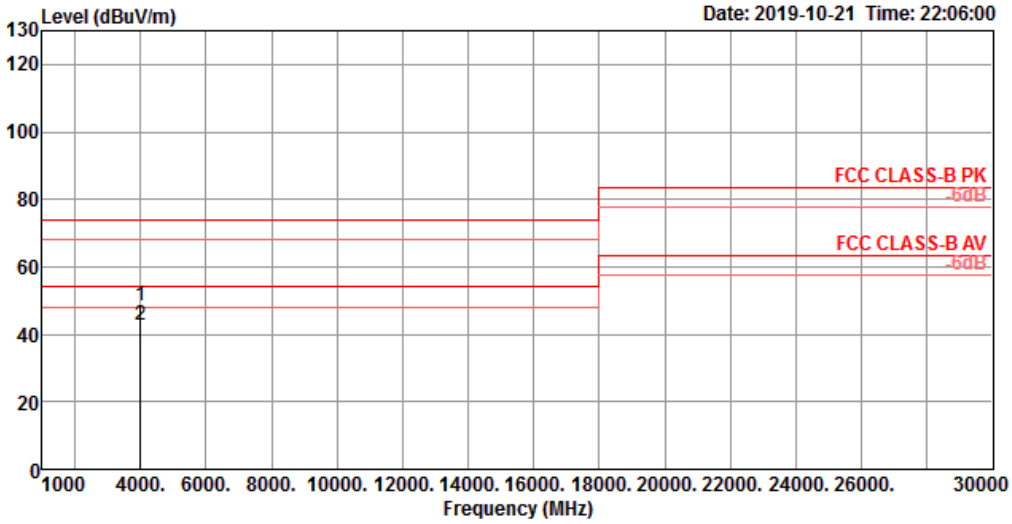
RSE Unintentional above 1GHz Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	Unintentional 1GHz~5th		



	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	4000.01	40.62	54.00	-13.38	38.92	4.40	29.50	32.20	115	246	Average	VERTICAL
2	4000.20	47.53	74.00	-26.47	45.83	4.40	29.50	32.20	115	246	Peak	VERTICAL

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

RSE Unintentional above 1GHz Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	Unintentional 1GHz~5th		



	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	3999.88	48.56	74.00	-25.44	46.86	4.40	29.50	32.20	100	193	Peak	HORIZONTAL
2	3999.99	42.71	54.00	-11.29	41.01	4.40	29.50	32.20	100	193	Average	HORIZONTAL

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

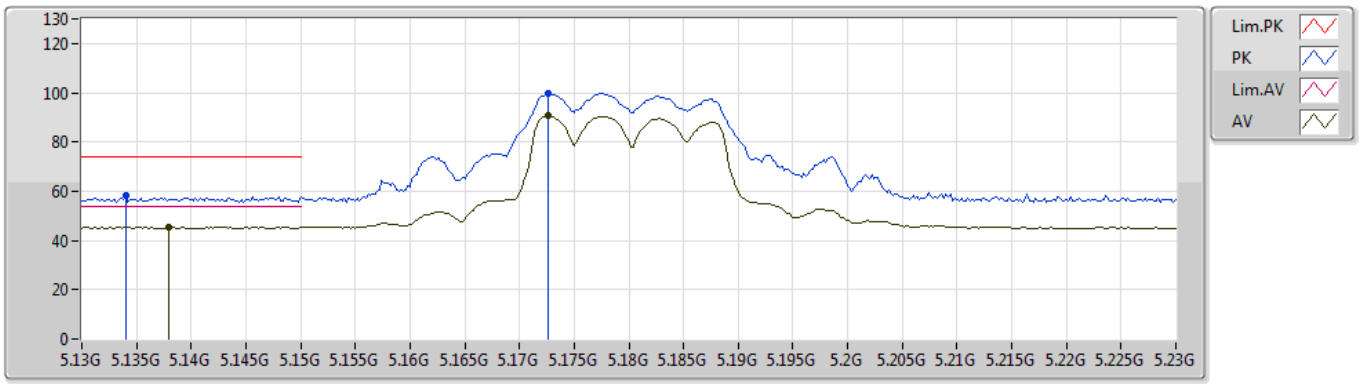
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	Pass	PK	5.351G	73.97	74.00	-0.03	5.81	3	Horizontal	269	2.02	-

802.11a_Nss1,(6Mbps)_2TX

16/10/2019

5180MHz_TX



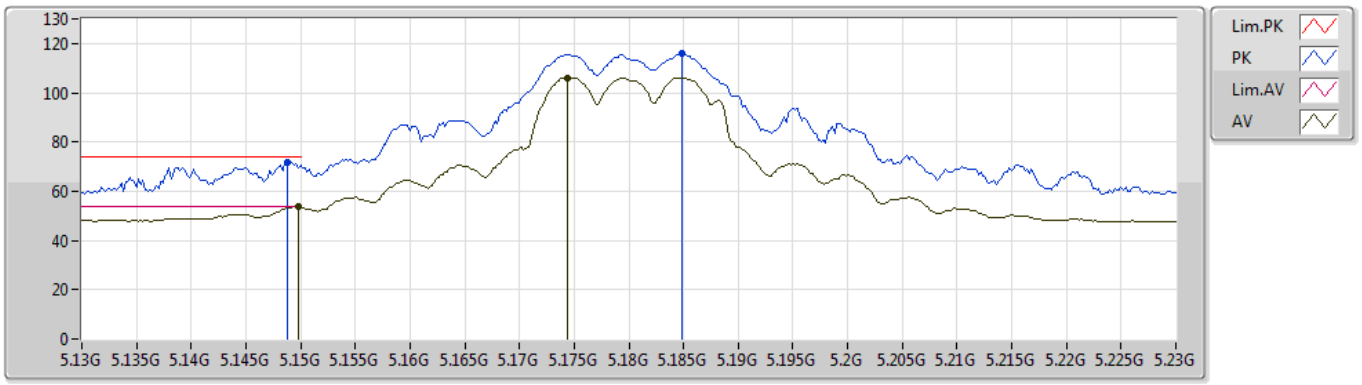
EUT Z,ANT180_2TX
Setting 75
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.134G	58.25	74.00	-15.75	7.92	3	Vertical	137	2.07	-	50.33
AV	5.138G	45.30	54.00	-8.70	7.92	3	Vertical	137	2.07	-	37.38
PK	5.1726G	99.79	Inf	-Inf	8.00	3	Vertical	137	2.07	-	91.79
AV	5.1726G	90.60	Inf	-Inf	8.00	3	Vertical	137	2.07	-	82.60

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

16/10/2019



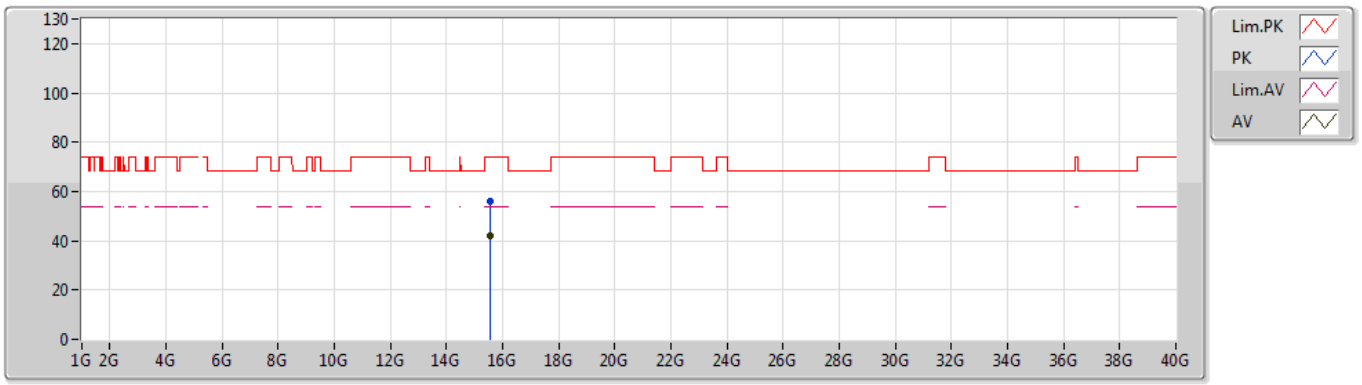
EUT Z,ANT180_2TX
Setting 75
02-G-3-10
FSU(100015)

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	71.76	74.00	-2.24	7.94	3	Horizontal	82	2.19	-	63.82
AV	5.1498G	53.79	54.00	-0.21	7.94	3	Horizontal	82	2.19	-	45.85
PK	5.1848G	115.80	Inf	-Inf	8.03	3	Horizontal	82	2.19	-	107.77
AV	5.1744G	106.05	Inf	-Inf	8.00	3	Horizontal	82	2.19	-	98.05

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

16/10/2019



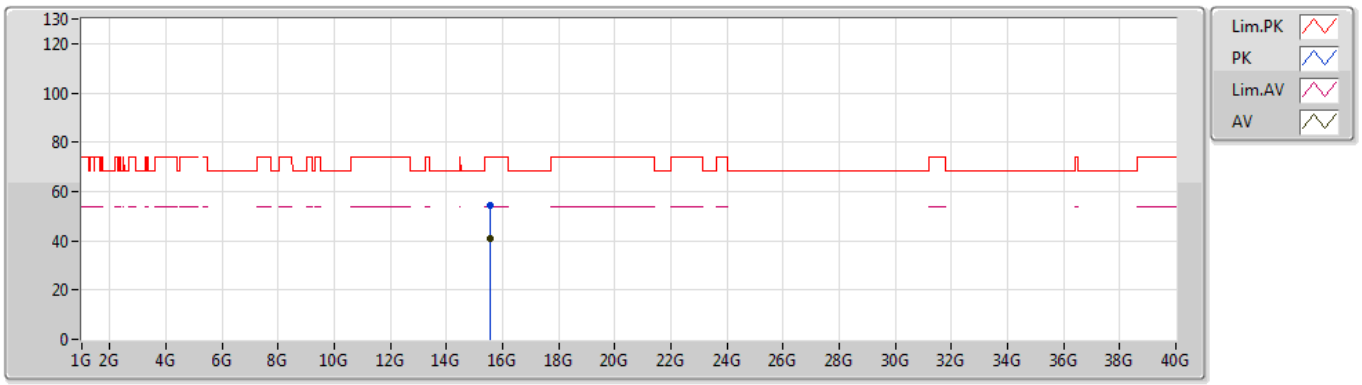
EUT Z,ANT180_2TX
Setting 75
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.54476G	56.30	74.00	-17.70	16.06	3	Vertical	332	1.76	-	40.24
AV	15.53572G	41.91	54.00	-12.09	16.09	3	Vertical	332	1.76	-	25.82

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

16/10/2019



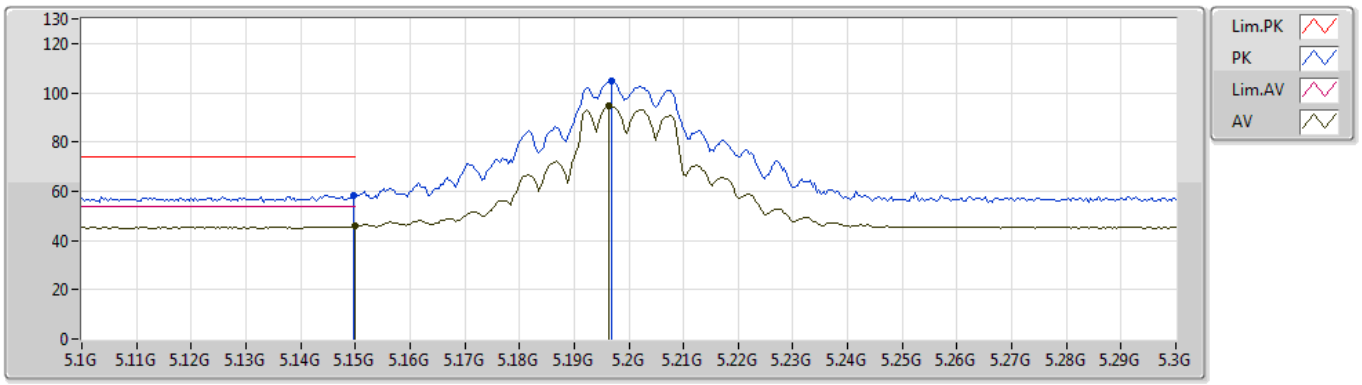
EUT Z,ANT180_2TX
Setting 75
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.5416G	54.50	74.00	-19.50	16.07	3	Horizontal	68	1.93	-	38.43
AV	15.53892G	41.17	54.00	-12.83	16.08	3	Horizontal	68	1.93	-	25.09

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

16/10/2019



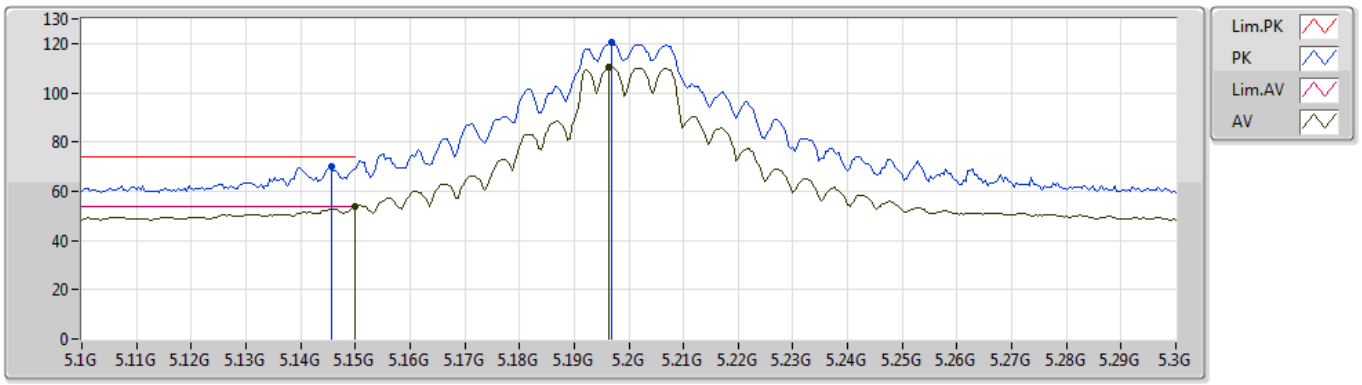
EUT Z,ANT180_2TX
Setting 92
02-G-3-10
FSU(100015)

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	58.11	74.00	-15.89	7.94	3	Vertical	137	2.30	-	50.17
AV	5.15G	45.86	54.00	-8.14	7.94	3	Vertical	137	2.30	-	37.92
PK	5.1968G	104.78	Inf	-Inf	8.06	3	Vertical	137	2.30	-	96.72
AV	5.1964G	94.66	Inf	-Inf	8.06	3	Vertical	137	2.30	-	86.60

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

16/10/2019



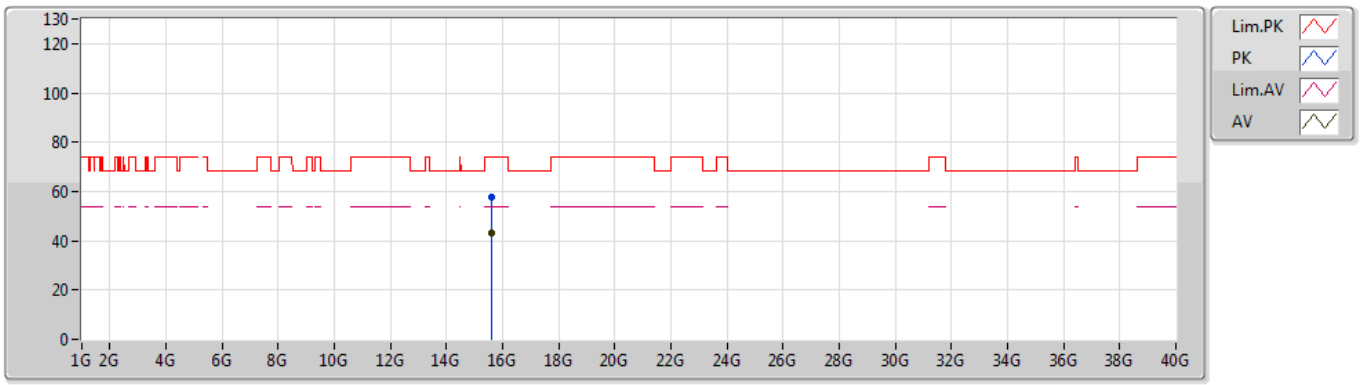
EUT Z,ANT180_2TX
Setting 92
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1456G	70.17	74.00	-3.83	7.94	3	Horizontal	253	2.68	-	62.23
AV	5.15G	53.88	54.00	-0.12	7.94	3	Horizontal	253	2.68	-	45.94
PK	5.1968G	120.53	Inf	-Inf	8.06	3	Horizontal	253	2.68	-	112.47
AV	5.1964G	110.38	Inf	-Inf	8.06	3	Horizontal	253	2.68	-	102.32

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

16/10/2019



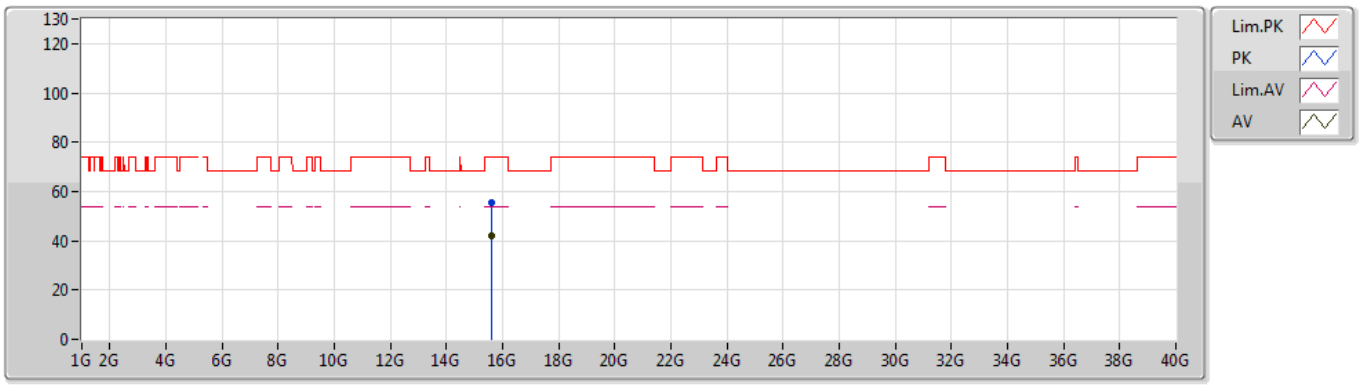
EUT Z,ANT180_2TX
Setting 92
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.60072G	57.65	74.00	-16.35	15.91	3	Vertical	245	1.97	-	41.74
AV	15.60032G	43.23	54.00	-10.77	15.91	3	Vertical	245	1.97	-	27.32

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

16/10/2019



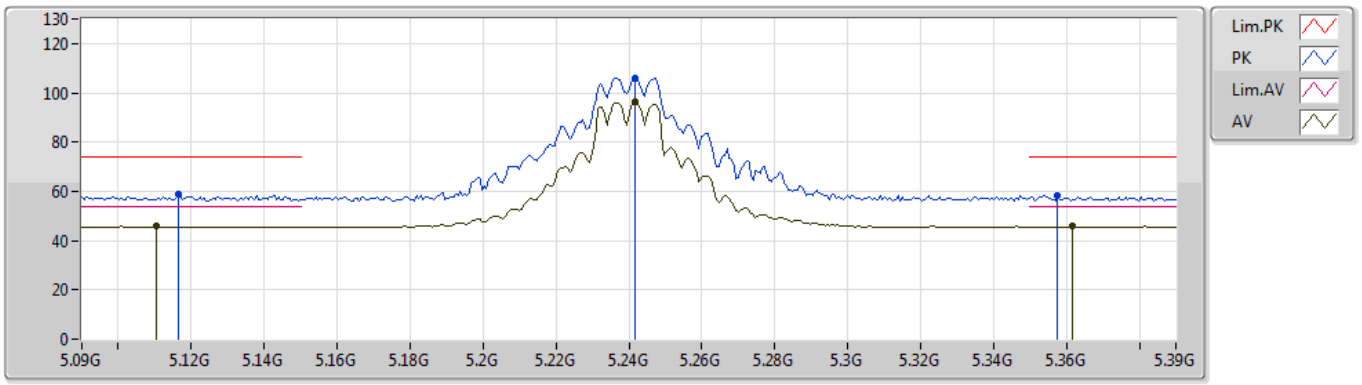
EUT Z,ANT180_2TX
Setting 92
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.60036G	55.22	74.00	-18.78	15.91	3	Horizontal	149	2.60	-	39.31
AV	15.6G	41.75	54.00	-12.25	15.91	3	Horizontal	149	2.60	-	25.84

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

16/10/2019



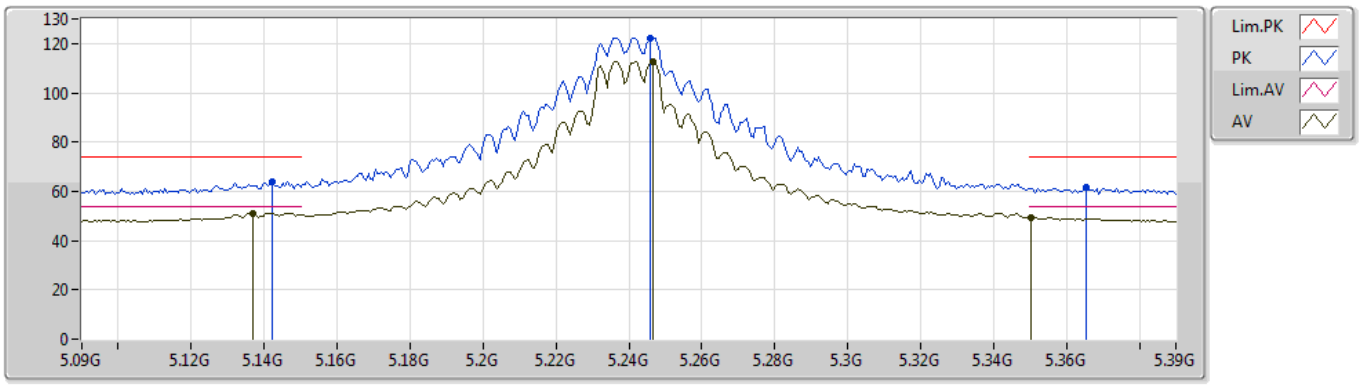
EUT Z,ANT180_2TX
Setting 95
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1164G	58.68	74.00	-15.32	7.87	3	Vertical	148	2.25	-	50.81
AV	5.1104G	45.74	54.00	-8.26	7.86	3	Vertical	148	2.25	-	37.88
PK	5.2418G	105.78	Inf	-Inf	8.12	3	Vertical	148	2.25	-	97.66
AV	5.2418G	96.23	Inf	-Inf	8.12	3	Vertical	148	2.25	-	88.11
PK	5.3576G	58.29	74.00	-15.71	8.28	3	Vertical	148	2.25	-	50.01
AV	5.3618G	45.70	54.00	-8.30	8.29	3	Vertical	148	2.25	-	37.41

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

16/10/2019



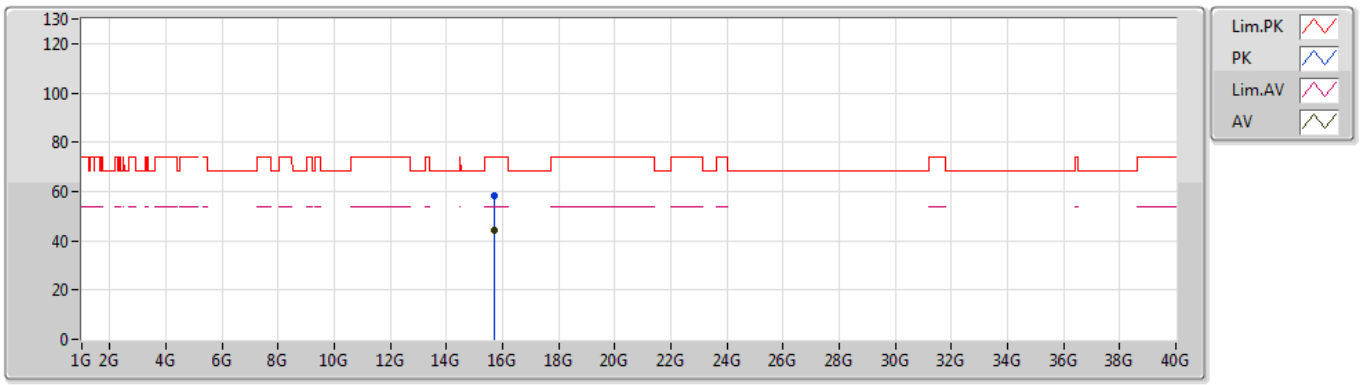
EUT Z,ANT180_2TX
Setting 95
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1422G	64.12	74.00	-9.88	7.94	3	Horizontal	257	2.30	-	56.18
AV	5.1368G	51.23	54.00	-2.77	7.92	3	Horizontal	257	2.30	-	43.31
PK	5.246G	122.43	Inf	-Inf	8.13	3	Horizontal	257	2.30	-	114.30
AV	5.2466G	112.63	Inf	-Inf	8.13	3	Horizontal	257	2.30	-	104.50
PK	5.3654G	61.91	74.00	-12.09	8.29	3	Horizontal	257	2.30	-	53.62
AV	5.3504G	49.42	54.00	-4.58	8.28	3	Horizontal	257	2.30	-	41.14

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

16/10/2019



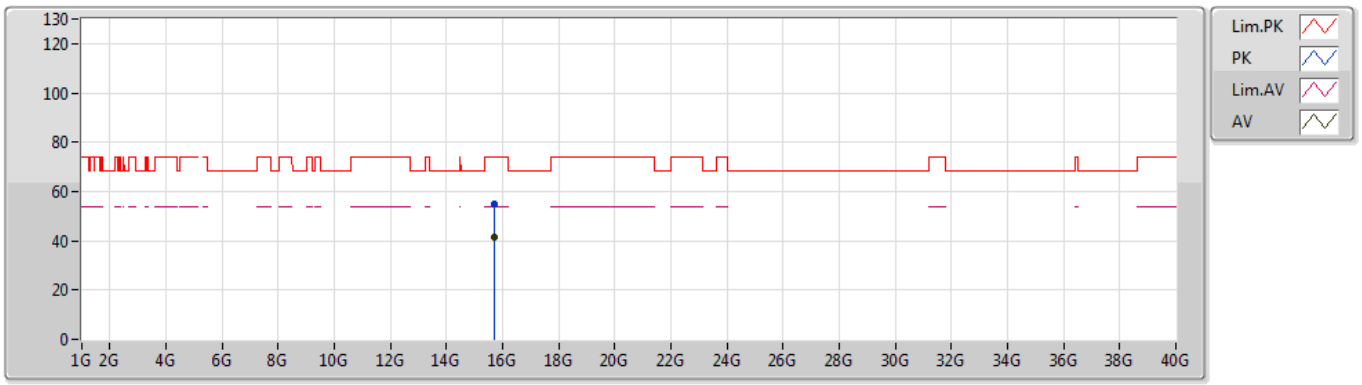
EUT Z,ANT180_2TX
Setting 95
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.71112G	58.42	74.00	-15.58	15.62	3	Vertical	128	1.73	-	42.80
AV	15.71548G	44.02	54.00	-9.98	15.62	3	Vertical	128	1.73	-	28.40

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

16/10/2019



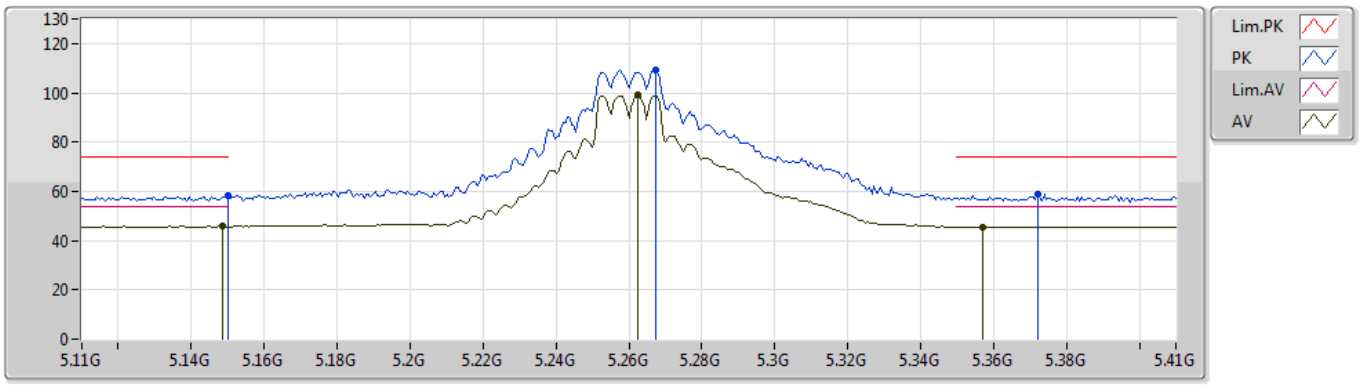
EUT Z,ANT180_2TX
Setting 95
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.71664G	54.75	74.00	-19.25	15.61	3	Horizontal	335	2.61	-	39.14
AV	15.71648G	41.41	54.00	-12.59	15.61	3	Horizontal	335	2.61	-	25.80

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

16/10/2019



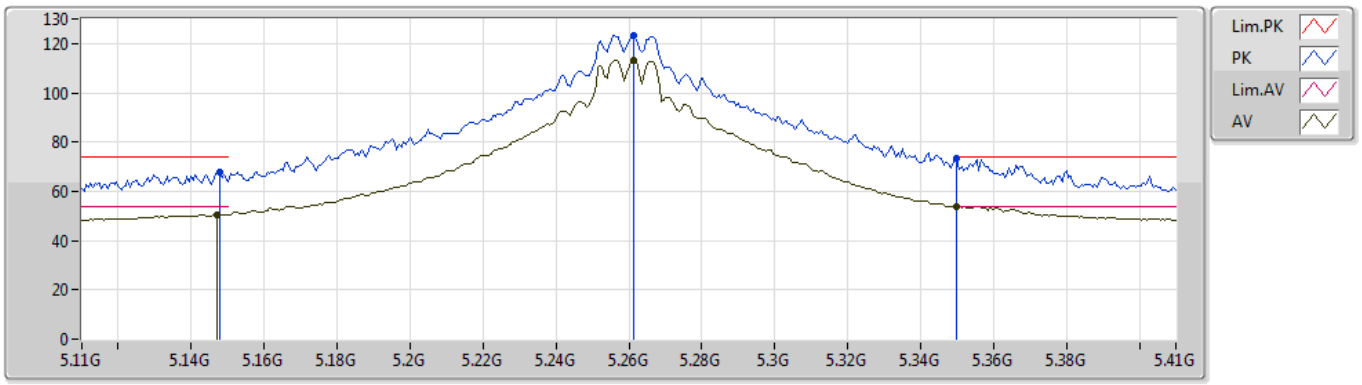
EUT Z,ANT180_2TX
Setting 93
02-G-3-10
FSU(100015)

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	58.07	74.00	-15.93	7.94	3	Vertical	183	2.99	-	50.13
AV	5.1484G	46.10	54.00	-7.90	7.94	3	Vertical	183	2.99	-	38.16
PK	5.2672G	109.53	Inf	-Inf	8.16	3	Vertical	183	2.99	-	101.37
AV	5.2624G	98.99	Inf	-Inf	8.15	3	Vertical	183	2.99	-	90.84
PK	5.3722G	58.76	74.00	-15.24	8.30	3	Vertical	183	2.99	-	50.46
AV	5.3572G	45.66	54.00	-8.34	8.28	3	Vertical	183	2.99	-	37.38

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

16/10/2019



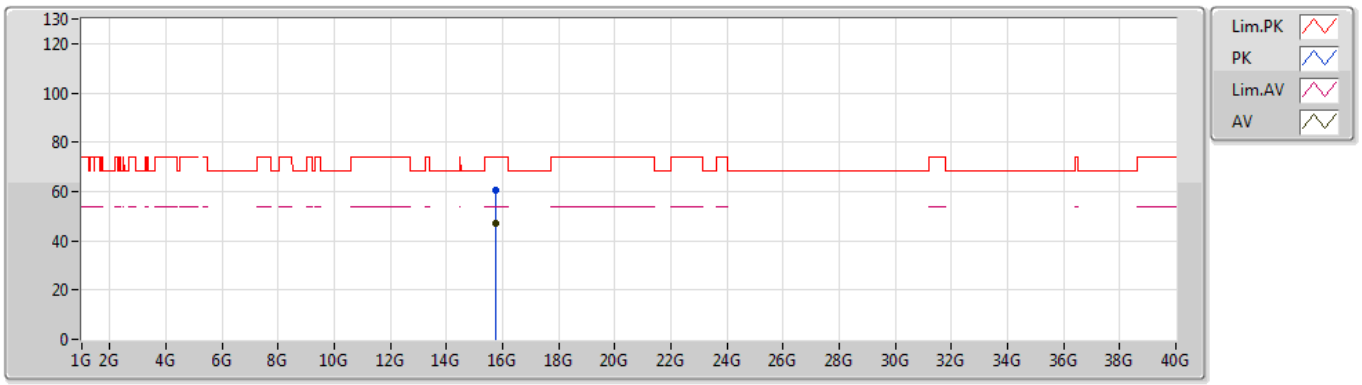
EUT Z,ANT180_2TX
Setting 93
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1478G	67.56	74.00	-6.44	7.94	3	Horizontal	262	2.30	-	59.62
AV	5.1472G	50.68	54.00	-3.32	7.94	3	Horizontal	262	2.30	-	42.74
PK	5.2612G	123.20	Inf	-Inf	8.15	3	Horizontal	262	2.30	-	115.05
AV	5.2612G	112.98	Inf	-Inf	8.15	3	Horizontal	262	2.30	-	104.83
PK	5.35G	73.47	74.00	-0.53	8.28	3	Horizontal	262	2.30	-	65.19
AV	5.35G	53.84	54.00	-0.16	8.28	3	Horizontal	262	2.30	-	45.56

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

16/10/2019



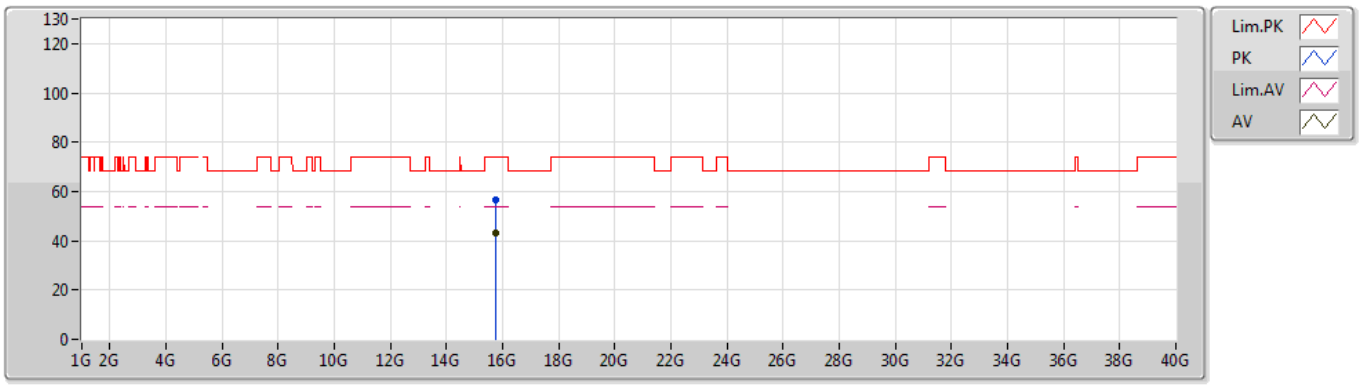
EUT Z,ANT180_2TX
Setting 93
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.77236G	60.38	74.00	-13.62	15.45	3	Vertical	81	2.62	-	44.93
AV	15.77824G	47.23	54.00	-6.77	15.44	3	Vertical	81	2.62	-	31.79

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

16/10/2019



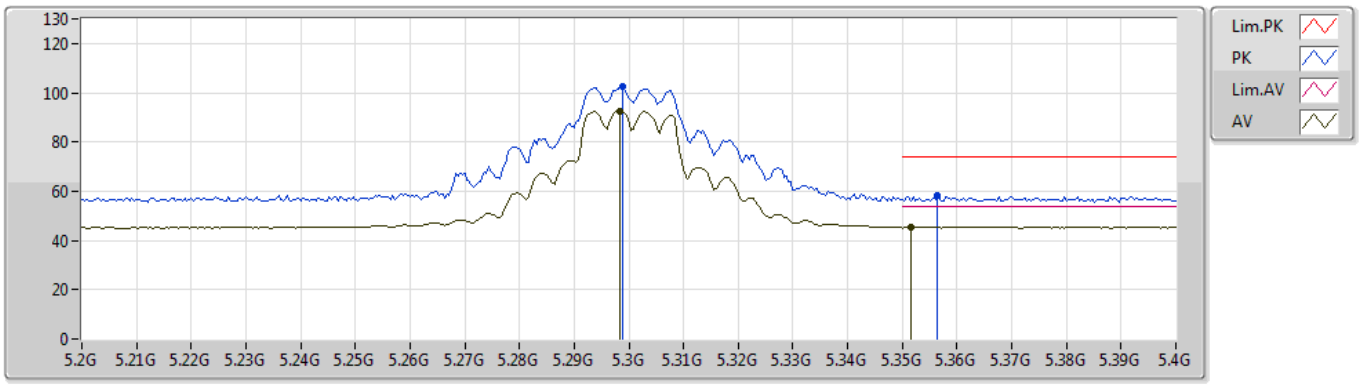
EUT Z,ANT180_2TX
Setting 93
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.77832G	56.78	74.00	-17.22	15.44	3	Horizontal	13	1.58	-	41.34
AV	15.77804G	43.27	54.00	-10.73	15.44	3	Horizontal	13	1.58	-	27.83

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

16/10/2019



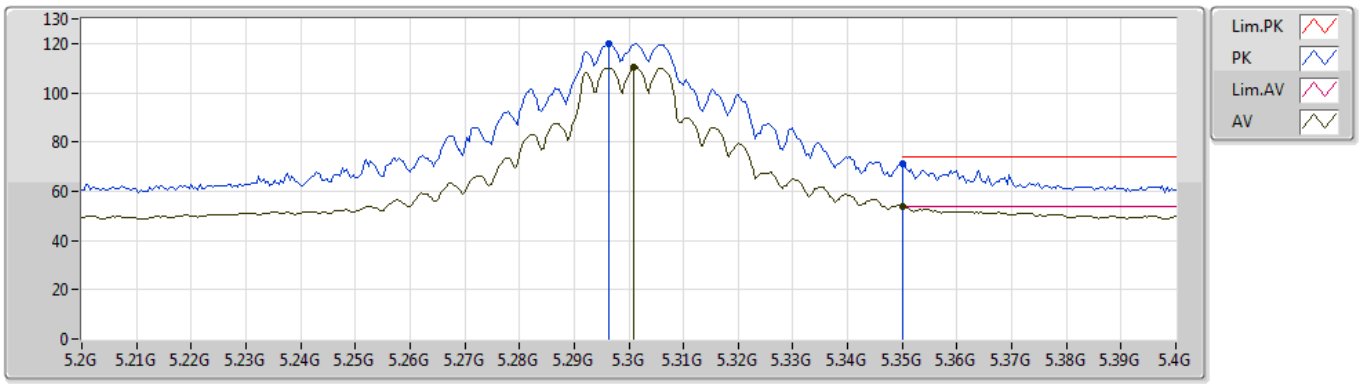
EUT Z,ANT180_2TX
Setting 89
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.2988G	102.37	Inf	-Inf	8.21	3	Vertical	88	2.38	-	94.16
AV	5.2984G	92.71	Inf	-Inf	8.21	3	Vertical	88	2.38	-	84.50
PK	5.3564G	58.26	74.00	-15.74	8.28	3	Vertical	88	2.38	-	49.98
AV	5.3516G	45.56	54.00	-8.44	8.28	3	Vertical	88	2.38	-	37.28

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

16/10/2019



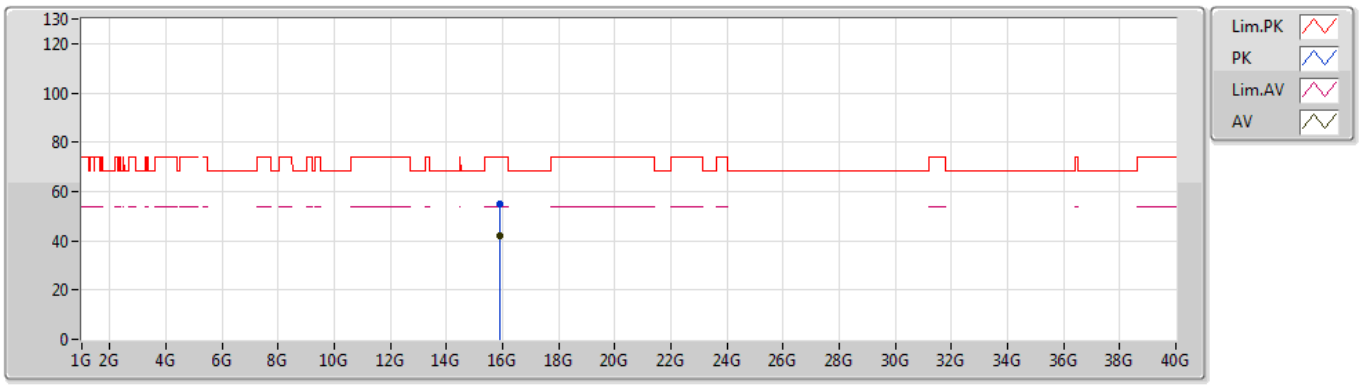
EUT Z,ANT180_2TX
Setting 89
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.2964G	119.91	Inf	-Inf	8.21	3	Horizontal	249	2.16	-	111.70
AV	5.3008G	110.39	Inf	-Inf	8.21	3	Horizontal	249	2.16	-	102.18
PK	5.35G	71.33	74.00	-2.67	8.28	3	Horizontal	249	2.16	-	63.05
AV	5.35G	53.87	54.00	-0.13	8.28	3	Horizontal	249	2.16	-	45.59

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

16/10/2019



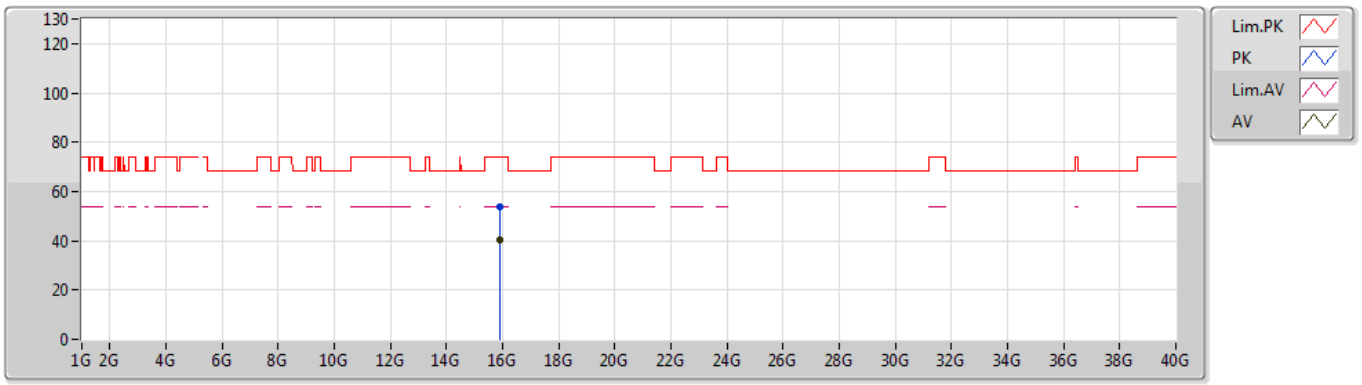
EUT Z,ANT180_2TX
Setting 89
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.89536G	55.17	74.00	-18.83	15.14	3	Vertical	257	2.17	-	40.03
AV	15.90052G	41.75	54.00	-12.25	15.13	3	Vertical	257	2.17	-	26.62

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

16/10/2019



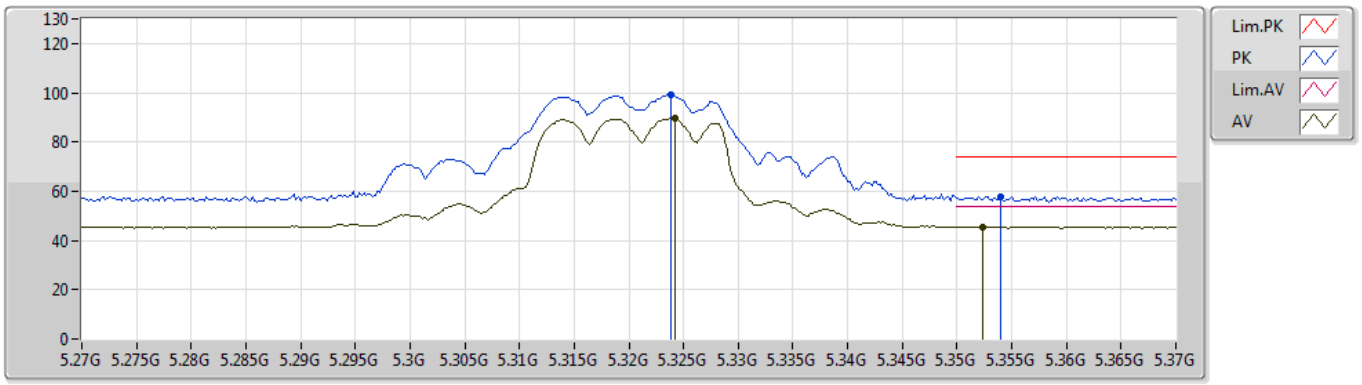
EUT Z,ANT180_2TX
Setting 89
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.89784G	53.53	74.00	-20.47	15.14	3	Horizontal	203	2.45	-	38.39
AV	15.8994G	40.10	54.00	-13.90	15.13	3	Horizontal	203	2.45	-	24.97

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

16/10/2019



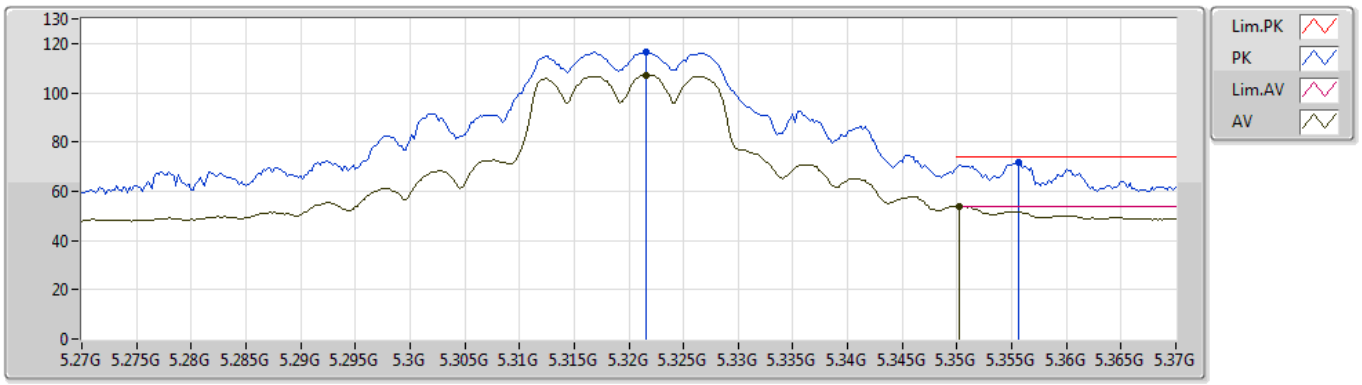
EUT Z,ANT180_2TX
Setting 75
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3238G	99.12	Inf	-Inf	8.24	3	Vertical	88	2.36	-	90.88
AV	5.3242G	89.72	Inf	-Inf	8.24	3	Vertical	88	2.36	-	81.48
PK	5.354G	57.91	74.00	-16.09	8.28	3	Vertical	88	2.36	-	49.63
AV	5.3524G	45.52	54.00	-8.48	8.28	3	Vertical	88	2.36	-	37.24

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

16/10/2019



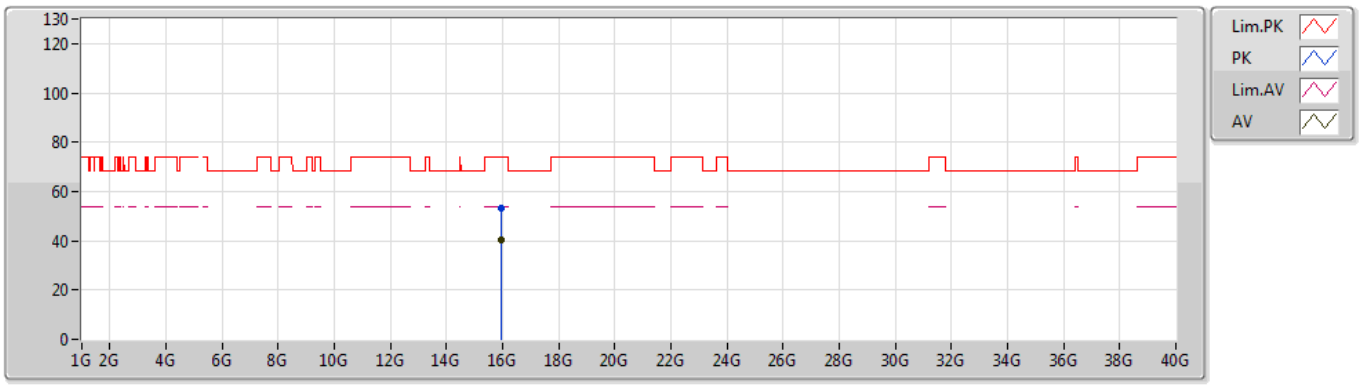
EUT Z,ANT180_2TX
Setting 75
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3216G	116.63	Inf	-Inf	8.23	3	Horizontal	256	2.56	-	108.40
AV	5.3216G	107.09	Inf	-Inf	8.23	3	Horizontal	256	2.56	-	98.86
PK	5.3556G	71.76	74.00	-2.24	8.28	3	Horizontal	256	2.56	-	63.48
AV	5.3502G	53.89	54.00	-0.11	8.28	3	Horizontal	256	2.56	-	45.61

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

16/10/2019



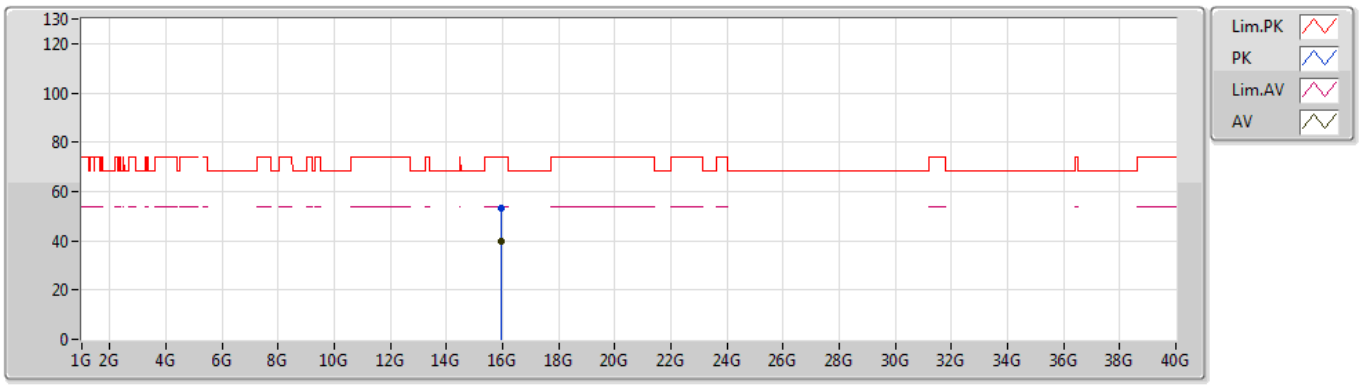
EUT Z,ANT180_2TX
Setting 75
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.958G	53.42	74.00	-20.58	14.97	3	Vertical	227	1.58	-	38.45
AV	15.95564G	40.24	54.00	-13.76	14.98	3	Vertical	227	1.58	-	25.26

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

16/10/2019



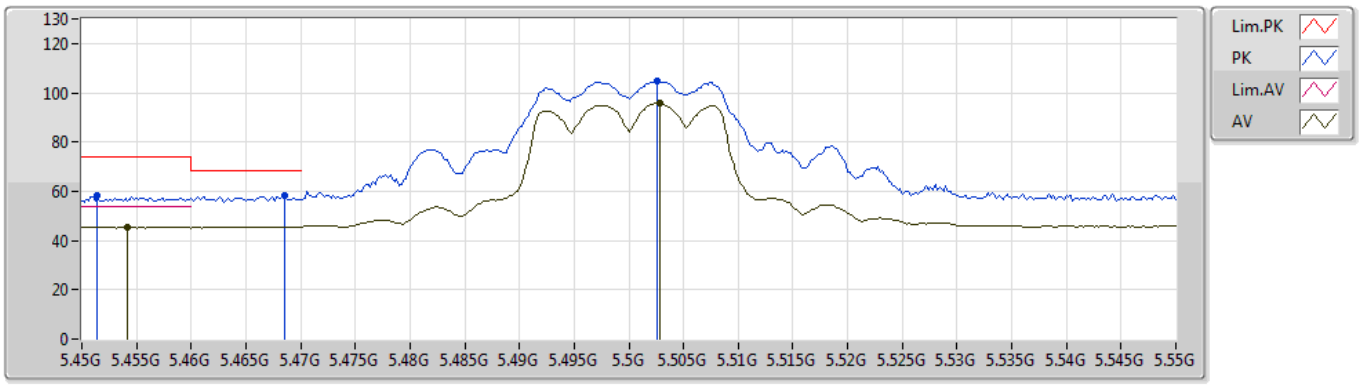
EUT Z,ANT180_2TX
Setting 75
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.96216G	53.49	74.00	-20.51	14.96	3	Horizontal	137	1.79	-	38.53
AV	15.9622G	39.80	54.00	-14.20	14.96	3	Horizontal	137	1.79	-	24.84

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

16/10/2019



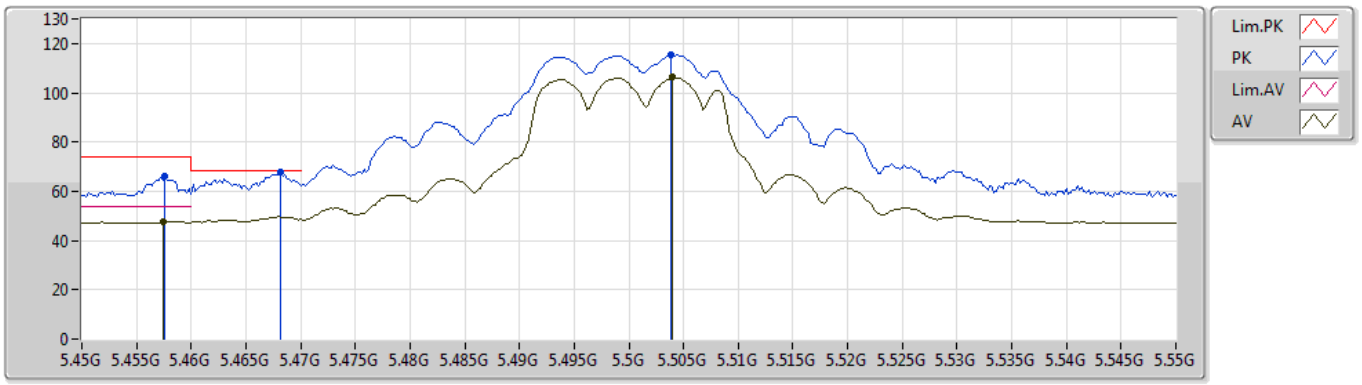
EUT Z,ANT180_2TX
Setting 71
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4514G	58.51	74.00	-15.49	8.44	3	Vertical	1	3.00	-	50.07
AV	5.4542G	45.48	54.00	-8.52	8.44	3	Vertical	1	3.00	-	37.04
PK	5.4686G	58.06	68.20	-10.14	8.46	3	Vertical	1	3.00	-	49.60
PK	5.5026G	105.02	Inf	-Inf	8.52	3	Vertical	1	3.00	-	96.50
AV	5.5028G	95.76	Inf	-Inf	8.52	3	Vertical	1	3.00	-	87.24

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

16/10/2019



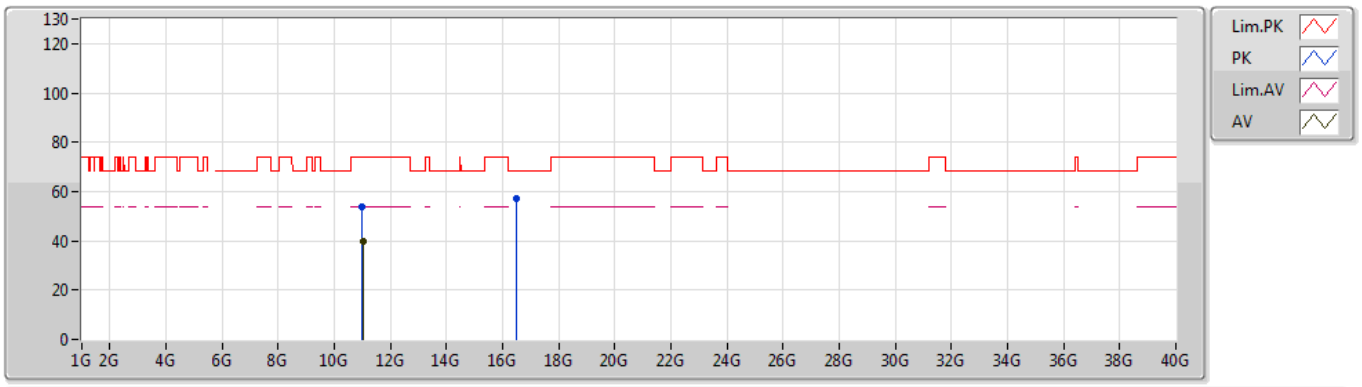
EUT Z,ANT180_2TX
Setting 71
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4576G	65.86	74.00	-8.14	8.44	3	Horizontal	78	2.91	-	57.42
AV	5.4574G	47.72	54.00	-6.28	8.44	3	Horizontal	78	2.91	-	39.28
PK	5.4682G	67.93	68.20	-0.27	8.46	3	Horizontal	78	2.91	-	59.47
PK	5.5038G	115.37	Inf	-Inf	8.52	3	Horizontal	78	2.91	-	106.85
AV	5.504G	106.40	Inf	-Inf	8.52	3	Horizontal	78	2.91	-	97.88

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

16/10/2019



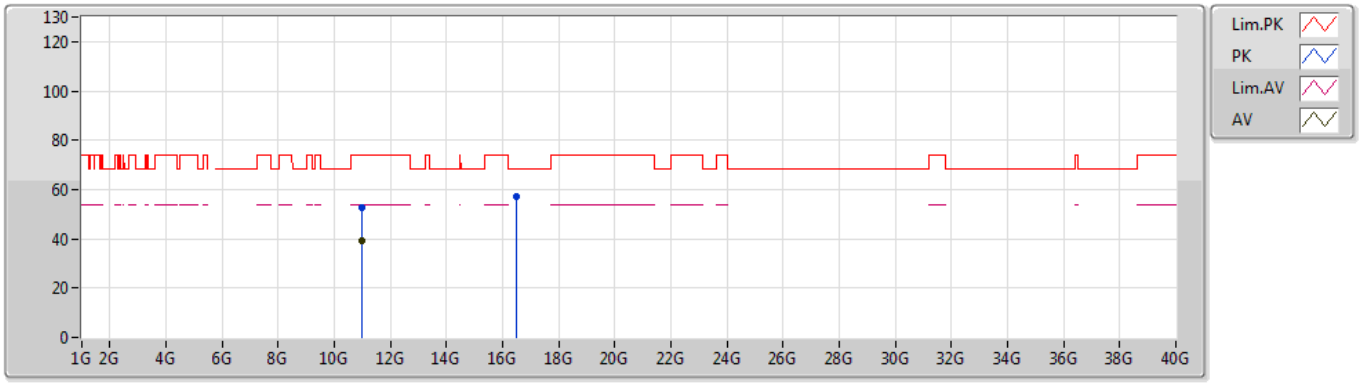
EUT Z,ANT180_2TX
Setting 71
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.00012G	53.77	74.00	-20.23	14.26	3	Vertical	65	2.01	-	39.51
AV	11.00916G	39.60	54.00	-14.40	14.27	3	Vertical	65	2.01	-	25.33
PK	16.50356G	57.41	68.20	-10.79	17.10	3	Vertical	43	2.85	-	40.31

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

16/10/2019



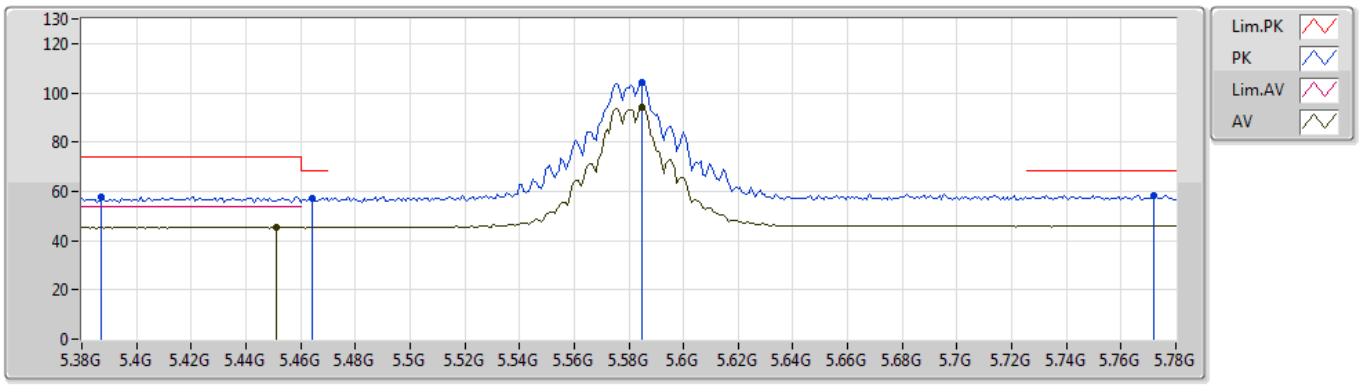
EUT Z,ANT180_2TX
Setting 71
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.00008G	52.94	74.00	-21.06	14.26	3	Horizontal	134	2.80	-	38.68
AV	11.0072G	39.48	54.00	-14.52	14.27	3	Horizontal	134	2.80	-	25.21
PK	16.50268G	57.04	68.20	-11.16	17.10	3	Horizontal	330	1.66	-	39.94

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

16/10/2019



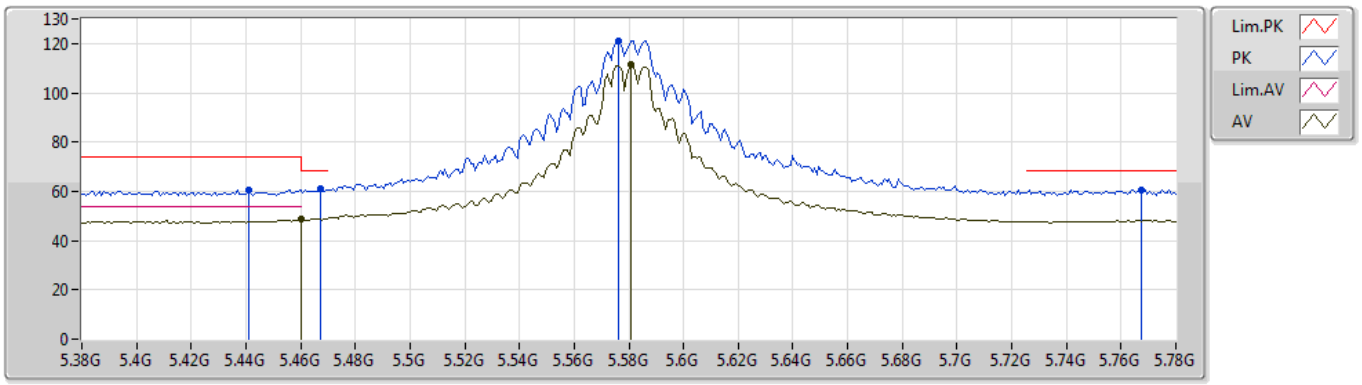
EUT Z,ANT180_2TX
Setting 90
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3872G	57.91	74.00	-16.09	8.33	3	Vertical	82	2.32	-	49.58
PK	5.464G	57.34	68.20	-10.86	8.45	3	Vertical	82	2.32	-	48.89
AV	5.4512G	45.46	54.00	-8.54	8.44	3	Vertical	82	2.32	-	37.02
PK	5.5848G	104.17	Inf	-Inf	8.57	3	Vertical	82	2.32	-	95.60
AV	5.5848G	93.94	Inf	-Inf	8.57	3	Vertical	82	2.32	-	85.37
PK	5.772G	58.44	68.20	-9.76	8.85	3	Vertical	82	2.32	-	49.59

802.11a_Nss1,(6Mbps)_2TX

16/10/2019

5580MHz_TX



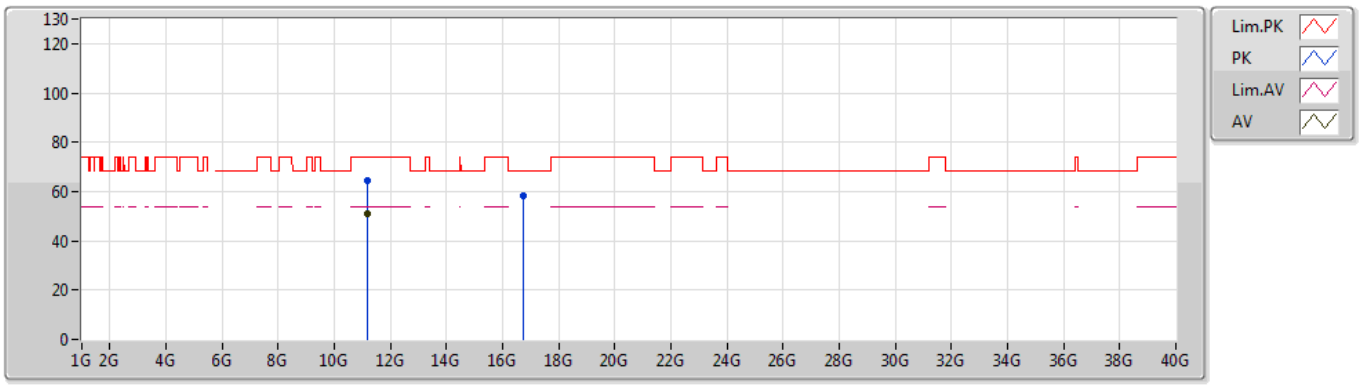
EUT Z,ANT180_2TX
Setting 90
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4408G	60.68	74.00	-13.32	8.41	3	Horizontal	263	2.21	-	52.27
PK	5.4672G	60.80	68.20	-7.40	8.46	3	Horizontal	263	2.21	-	52.34
AV	5.46G	48.61	54.00	-5.39	8.45	3	Horizontal	263	2.21	-	40.16
PK	5.576G	121.21	Inf	-Inf	8.57	3	Horizontal	263	2.21	-	112.64
AV	5.5808G	111.43	Inf	-Inf	8.57	3	Horizontal	263	2.21	-	102.86
PK	5.7672G	60.67	68.20	-7.53	8.85	3	Horizontal	263	2.21	-	51.82

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

16/10/2019



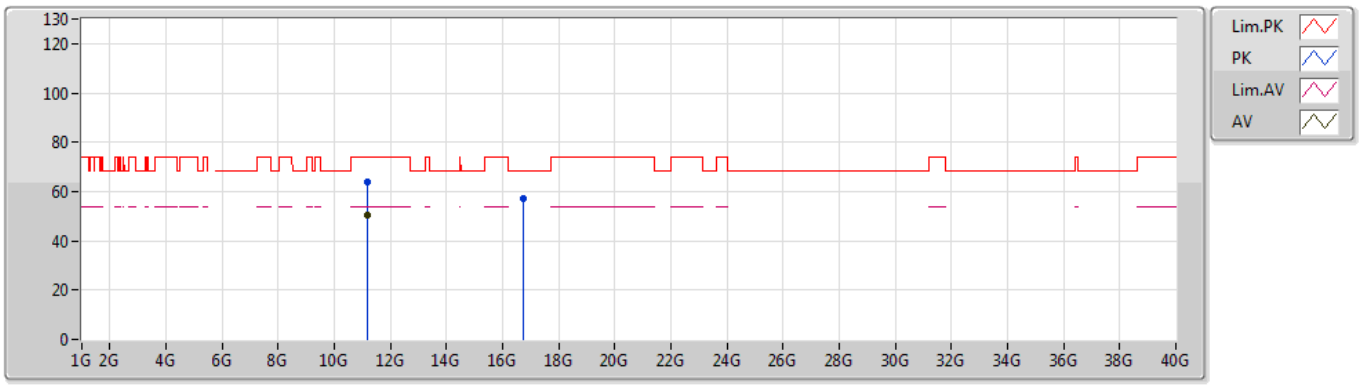
EUT Z,ANT180_2TX
Setting 90
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.15768G	64.42	74.00	-9.58	14.46	3	Vertical	131	1.76	-	49.96
AV	11.15856G	51.25	54.00	-2.75	14.46	3	Vertical	131	1.76	-	36.79
PK	16.74148G	58.54	68.20	-9.66	18.16	3	Vertical	31	2.06	-	40.38

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

16/10/2019



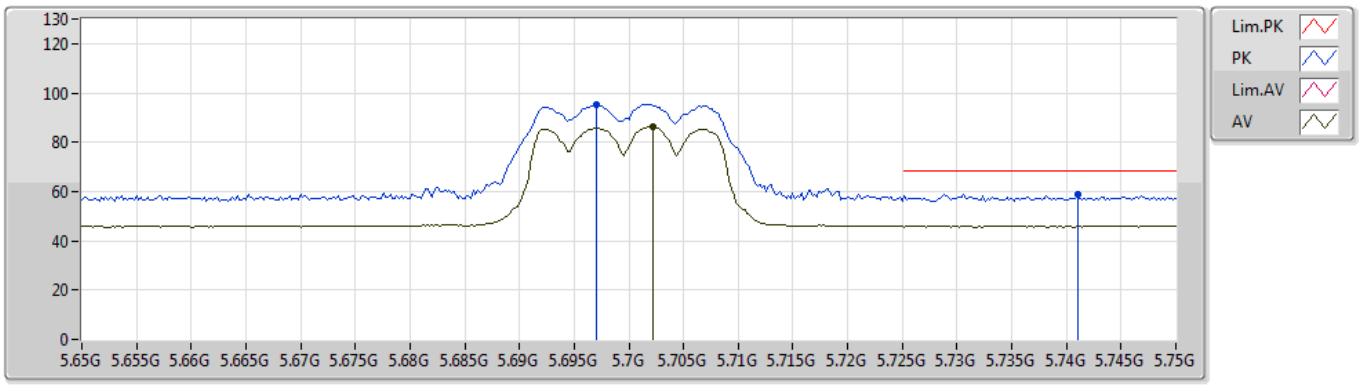
EUT Z,ANT180_2TX
Setting 90
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.15772G	63.77	74.00	-10.23	14.46	3	Horizontal	139	1.76	-	49.31
AV	11.15904G	50.36	54.00	-3.64	14.46	3	Horizontal	139	1.76	-	35.90
PK	16.7408G	57.09	68.20	-11.11	18.16	3	Horizontal	325	1.34	-	38.93

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

16/10/2019



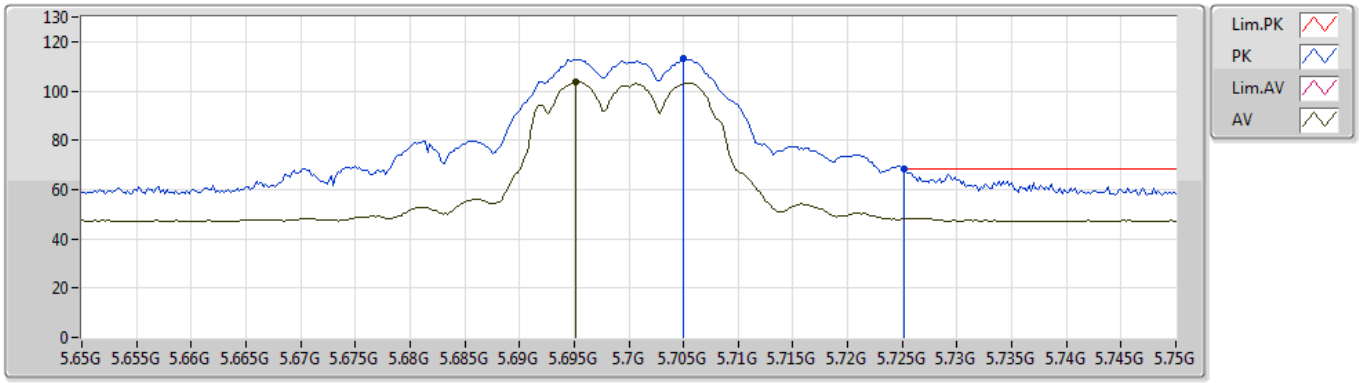
EUT Z,ANT180_2TX
Setting 60
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.697G	95.50	Inf	-Inf	8.75	3	Vertical	69	1.09	-	86.75
AV	5.7022G	86.12	Inf	-Inf	8.75	3	Vertical	69	1.09	-	77.37
PK	5.741G	59.06	68.20	-9.14	8.80	3	Vertical	69	1.09	-	50.26

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

16/10/2019



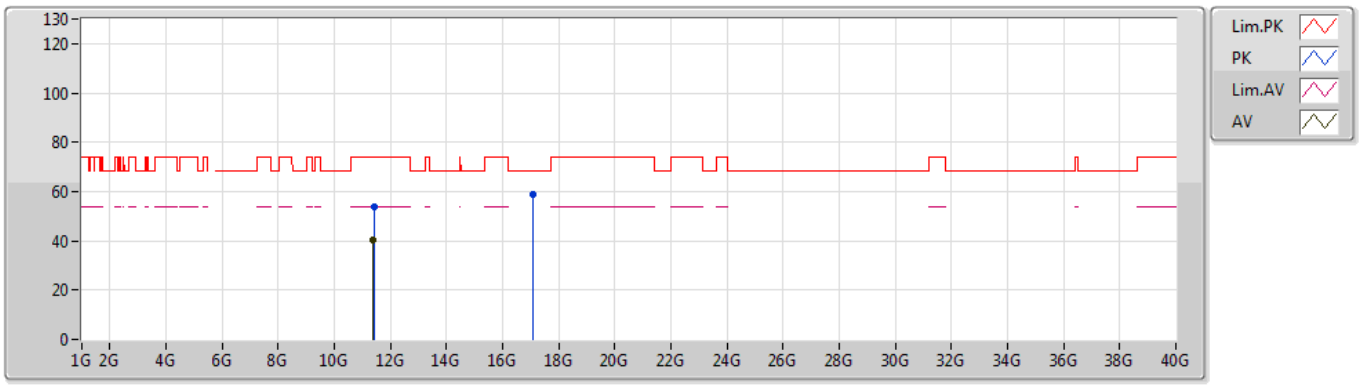
EUT Z,ANT180_2TX
Setting 60
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.705G	112.99	Inf	-Inf	8.76	3	Horizontal	74	2.16	-	104.23
AV	5.6952G	103.73	Inf	-Inf	8.74	3	Horizontal	74	2.16	-	94.99
PK	5.7252G	68.15	68.20	-0.05	8.79	3	Horizontal	74	2.16	-	59.36

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

16/10/2019



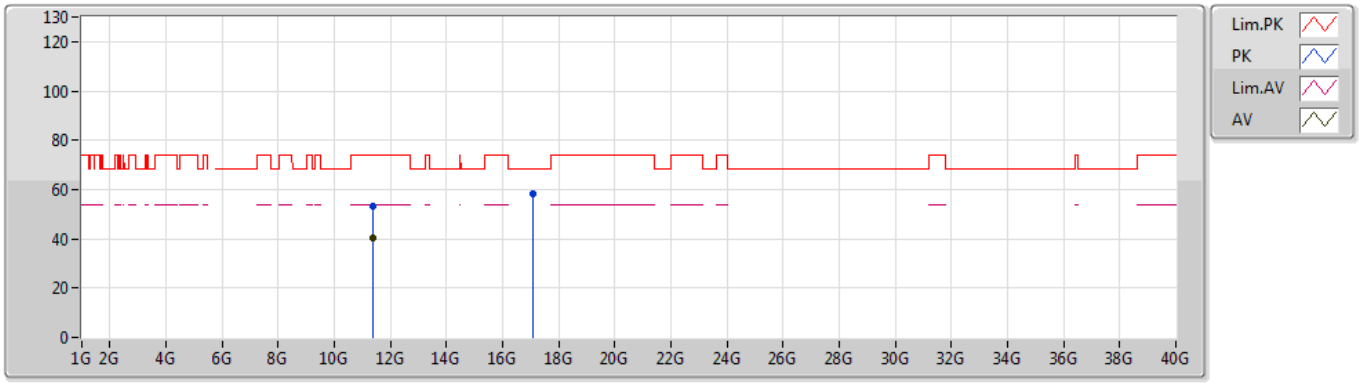
EUT Z,ANT180_2TX
Setting 60
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.40756G	53.61	74.00	-20.39	14.79	3	Vertical	79	2.98	-	38.82
AV	11.39204G	40.10	54.00	-13.90	14.76	3	Vertical	79	2.98	-	25.34
PK	17.09052G	58.86	68.20	-9.34	19.85	3	Vertical	314	1.80	-	39.01

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

16/10/2019



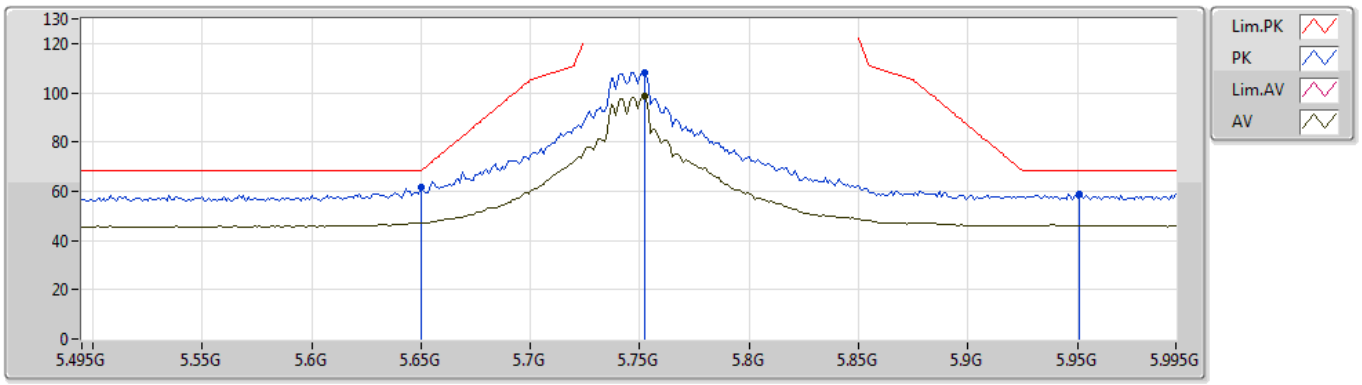
EUT Z,ANT180_2TX
Setting 60
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.4016G	53.34	74.00	-20.66	14.77	3	Horizontal	54	2.47	-	38.57
AV	11.4016G	40.09	54.00	-13.91	14.77	3	Horizontal	54	2.47	-	25.32
PK	17.10072G	58.37	68.20	-9.83	19.90	3	Horizontal	89	1.92	-	38.47

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

16/10/2019



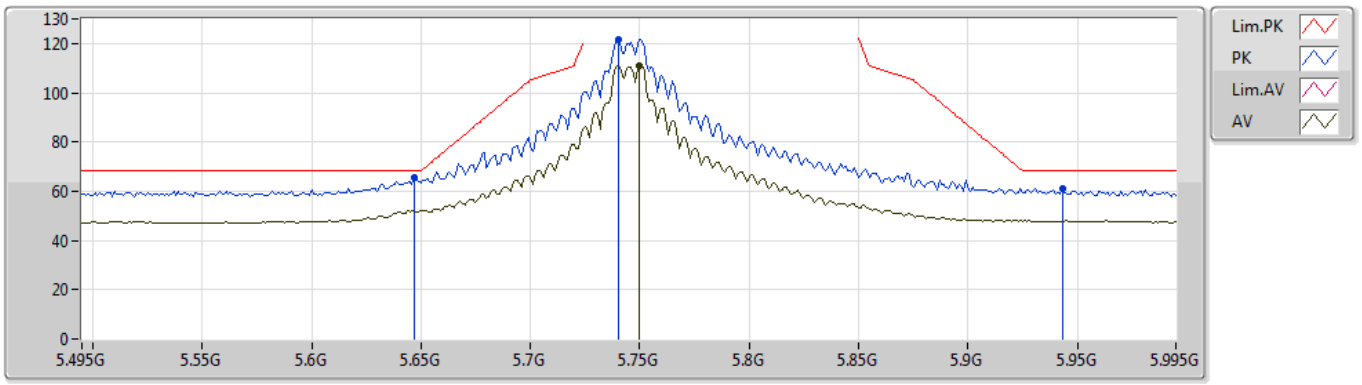
EUT Z,ANT180_2TX
Setting 86
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.65G	61.68	68.20	-6.52	8.66	3	Vertical	84	1.00	-	53.02
PK	5.752G	108.42	Inf	-Inf	8.83	3	Vertical	84	1.00	-	99.59
AV	5.752G	98.53	Inf	-Inf	8.83	3	Vertical	84	1.00	-	89.70
PK	5.951G	58.75	68.20	-9.45	8.92	3	Vertical	84	1.00	-	49.83

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

16/10/2019



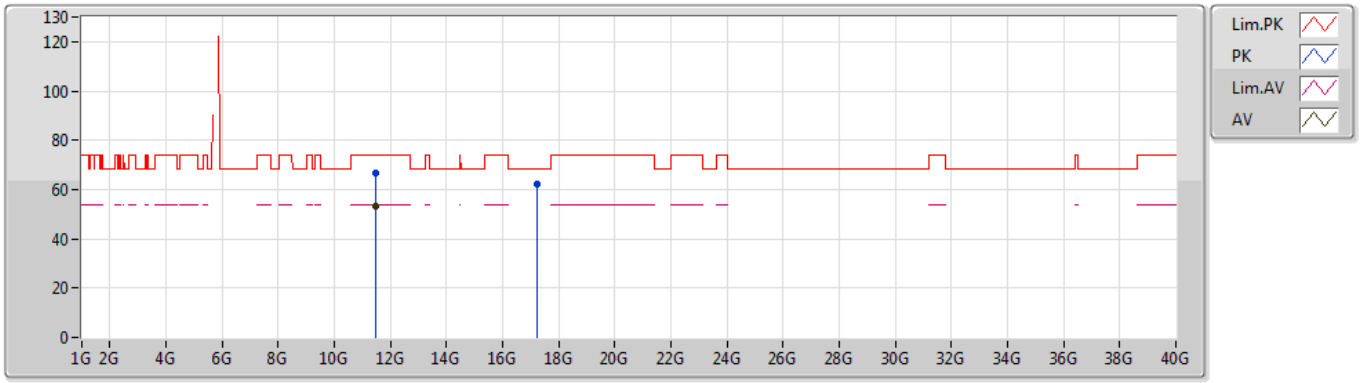
EUT Z,ANT180_2TX
Setting 86
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.647G	65.62	68.20	-2.58	8.67	3	Horizontal	71	2.12	-	56.95
PK	5.74G	121.52	Inf	-Inf	8.80	3	Horizontal	71	2.12	-	112.72
AV	5.75G	111.18	Inf	-Inf	8.83	3	Horizontal	71	2.12	-	102.35
PK	5.943G	61.33	68.20	-6.87	8.94	3	Horizontal	71	2.12	-	52.39

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

16/10/2019



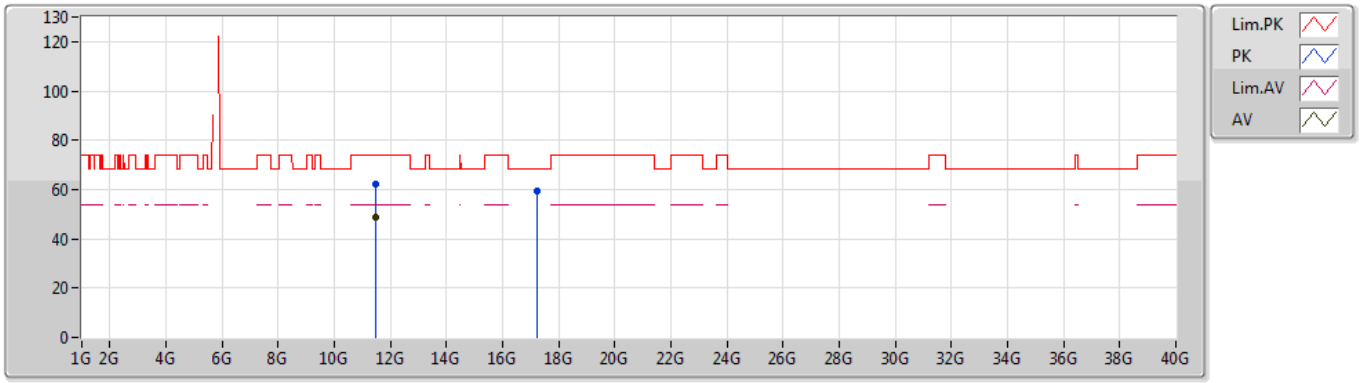
EUT Z,ANT180_2TX
Setting 86
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.48788G	66.80	74.00	-7.20	14.89	3	Vertical	232	1.75	-	51.91
AV	11.48856G	53.21	54.00	-0.79	14.89	3	Vertical	232	1.75	-	38.32
PK	17.22648G	62.26	68.20	-5.94	20.66	3	Vertical	162	1.60	-	41.60

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

16/10/2019



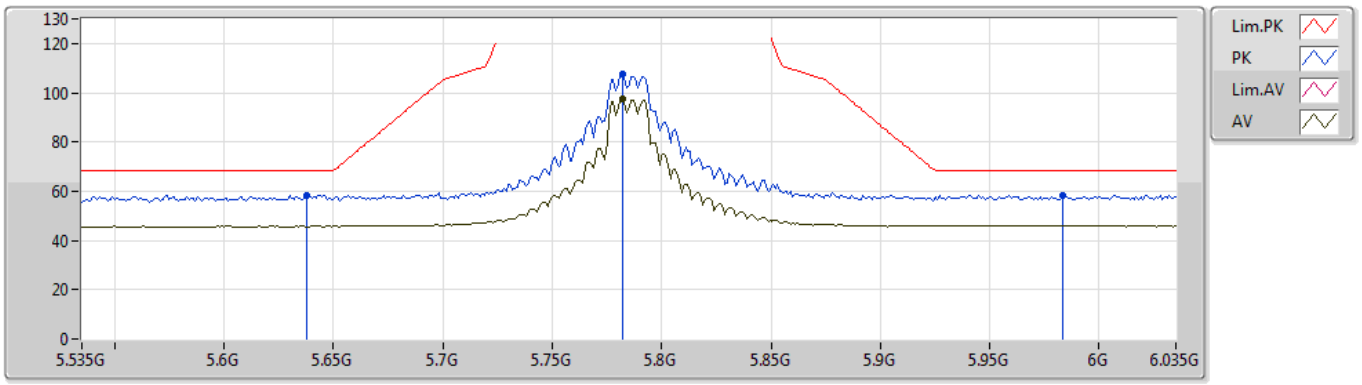
EUT Z,ANT180_2TX
Setting 86
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.48784G	62.42	74.00	-11.58	14.89	3	Horizontal	232	2.76	-	47.53
AV	11.49312G	48.71	54.00	-5.29	14.89	3	Horizontal	232	2.76	-	33.82
PK	17.22716G	59.51	68.20	-8.69	20.66	3	Horizontal	75	2.61	-	38.85

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

16/10/2019



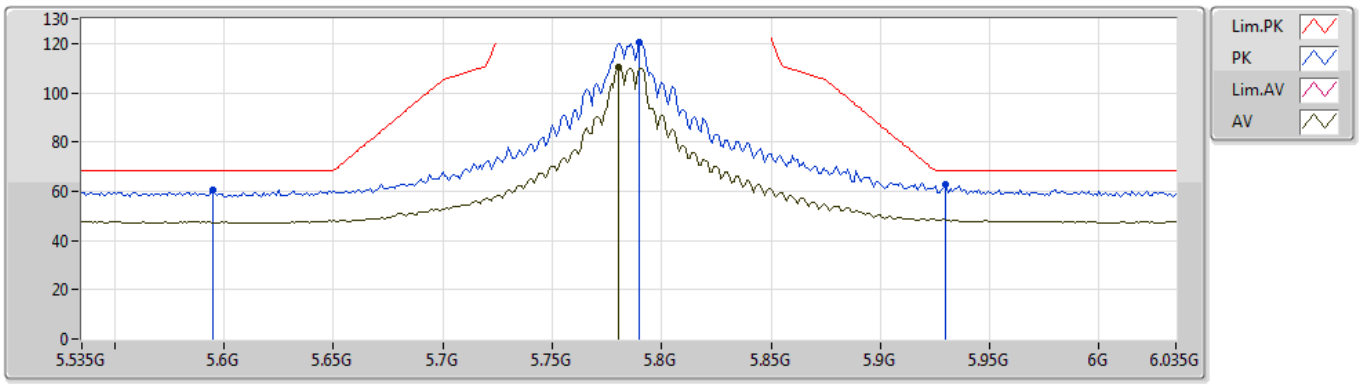
EUT Z,ANT180_2TX
Setting 85
02-G-3-10
FSU(100015)

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	58.45	68.20	-9.75	8.64	3	Vertical	84	1.01	-	49.81
PK	5.782G	107.59	Inf	-Inf	8.88	3	Vertical	84	1.01	-	98.71
AV	5.782G	97.63	Inf	-Inf	8.88	3	Vertical	84	1.01	-	88.75
PK	5.983G	58.47	68.20	-9.73	8.94	3	Vertical	84	1.01	-	49.53

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

16/10/2019



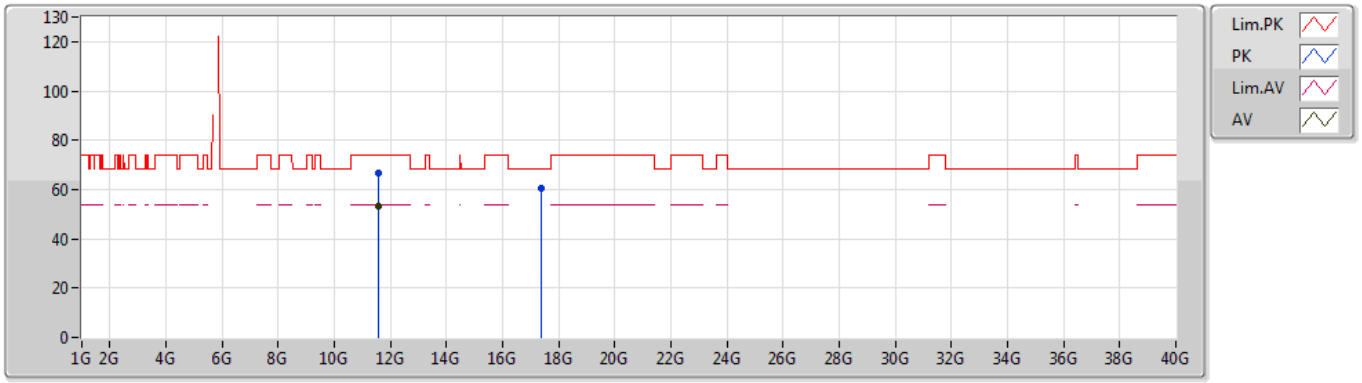
EUT Z,ANT180_2TX
Setting 85
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.595G	60.39	68.20	-7.81	8.58	3	Horizontal	33	2.18	-	51.81
PK	5.79G	120.20	Inf	-Inf	8.88	3	Horizontal	33	2.18	-	111.32
AV	5.78G	110.38	Inf	-Inf	8.87	3	Horizontal	33	2.18	-	101.51
PK	5.93G	62.56	68.20	-5.64	8.93	3	Horizontal	33	2.18	-	53.63

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

16/10/2019



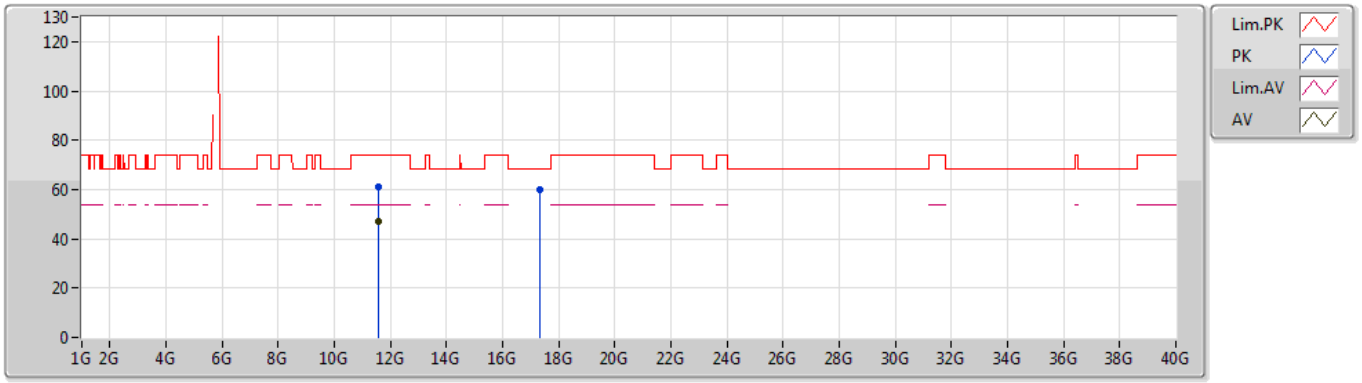
EUT Z,ANT180_2TX
Setting 85
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.56928G	66.57	74.00	-7.43	15.00	3	Vertical	188	2.16	-	51.57
AV	11.56912G	53.12	54.00	-0.88	15.00	3	Vertical	188	2.16	-	38.12
PK	17.3626G	60.44	68.20	-7.76	21.46	3	Vertical	106	1.96	-	38.98

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

16/10/2019



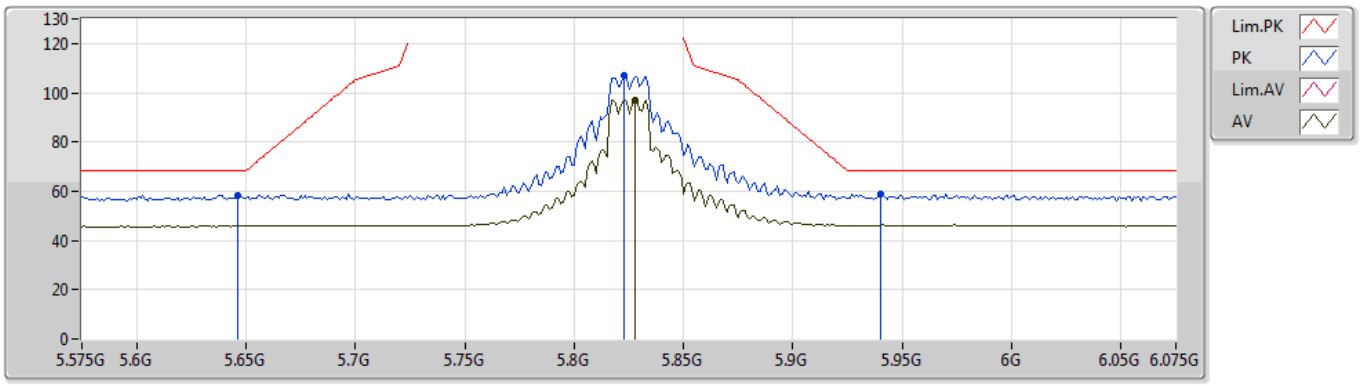
EUT Z,ANT180_2TX
Setting 85
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.5694G	60.98	74.00	-13.02	15.00	3	Horizontal	124	2.63	-	45.98
AV	11.5692G	47.08	54.00	-6.92	15.00	3	Horizontal	124	2.63	-	32.08
PK	17.34736G	60.09	68.20	-8.11	21.38	3	Horizontal	35	1.29	-	38.71

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

16/10/2019



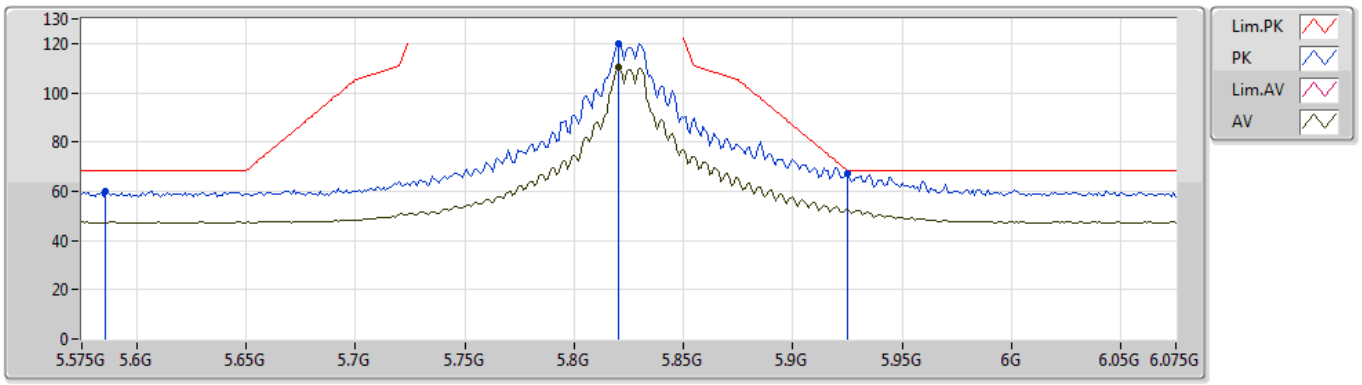
EUT Z,ANT180_2TX
Setting 85
02-G-3-10
FSU(100015)

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	58.10	68.20	-10.10	8.66	3	Vertical	177	2.91	-	49.44
PK	5.823G	106.79	Inf	-Inf	8.90	3	Vertical	177	2.91	-	97.89
AV	5.828G	96.93	Inf	-Inf	8.91	3	Vertical	177	2.91	-	88.02
PK	5.94G	59.11	68.20	-9.09	8.93	3	Vertical	177	2.91	-	50.18

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

16/10/2019



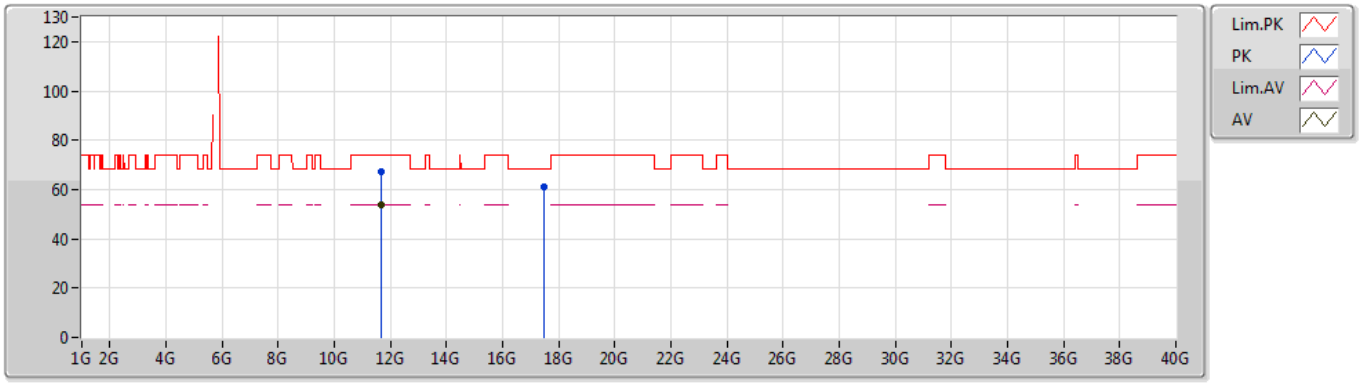
EUT Z,ANT180_2TX
Setting 85
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.586G	59.93	68.20	-8.27	8.57	3	Horizontal	73	2.23	-	51.36
PK	5.82G	120.08	Inf	-Inf	8.90	3	Horizontal	73	2.23	-	111.18
AV	5.82G	110.14	Inf	-Inf	8.90	3	Horizontal	73	2.23	-	101.24
PK	5.925G	67.37	68.20	-0.83	8.93	3	Horizontal	73	2.23	-	58.44

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

16/10/2019



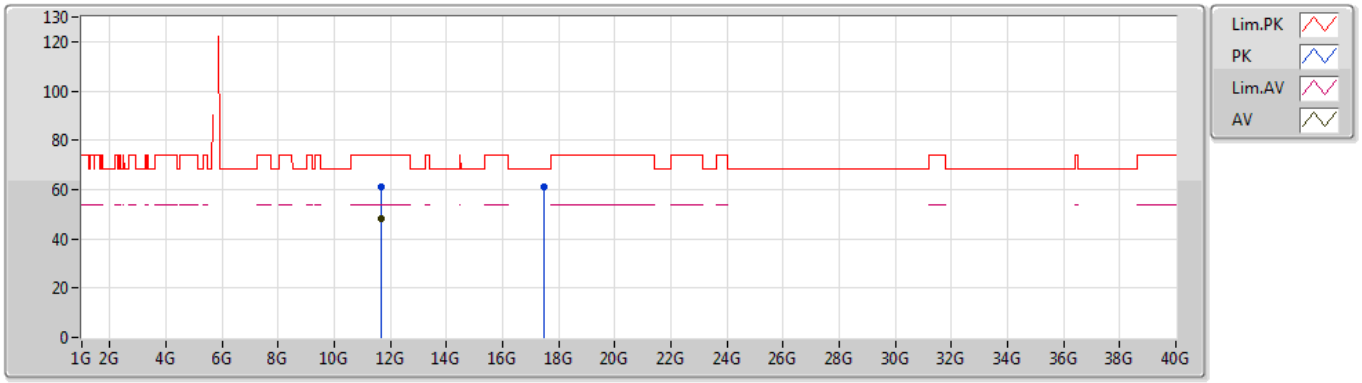
EUT Z,ANT180_2TX
Setting 85
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.64804G	67.04	74.00	-6.96	15.09	3	Vertical	146	1.31	-	51.95
AV	11.6484G	53.76	54.00	-0.24	15.09	3	Vertical	146	1.31	-	38.67
PK	17.47204G	61.18	68.20	-7.02	22.11	3	Vertical	234	2.06	-	39.07

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

16/10/2019



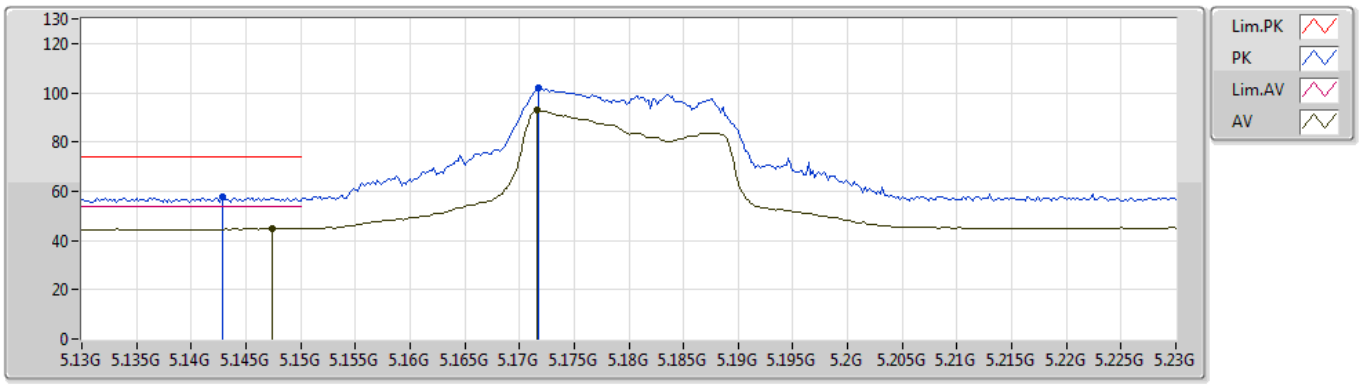
EUT Z,ANT180_2TX
Setting 85
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.64944G	61.25	74.00	-12.75	15.09	3	Horizontal	210	1.41	-	46.16
AV	11.64856G	48.06	54.00	-5.94	15.09	3	Horizontal	210	1.41	-	32.97
PK	17.48476G	61.15	68.20	-7.05	22.19	3	Horizontal	101	2.15	-	38.96

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

04/11/2019



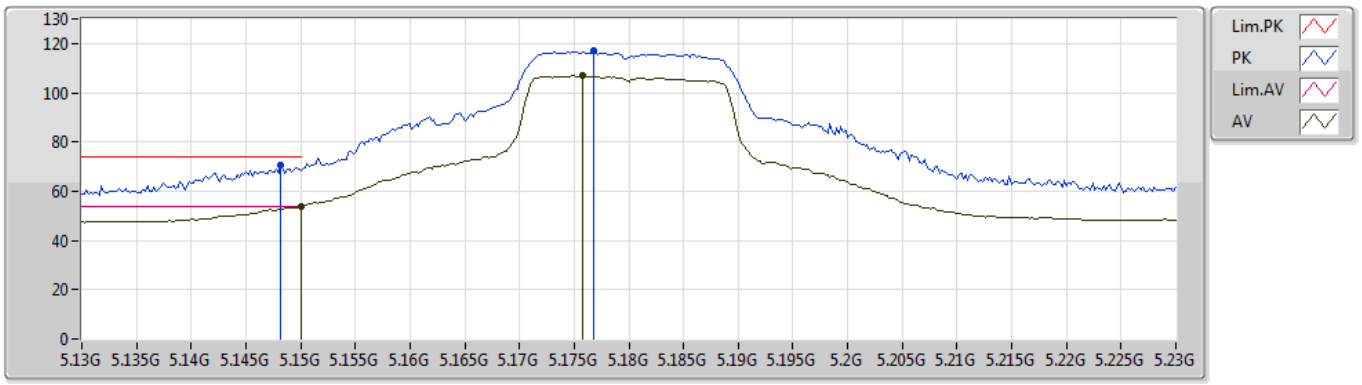
EUT Z_2TX_ANT 180
Setting 71
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1428G	57.64	74.00	-16.36	5.48	3	Vertical	16	2.69	-	52.16
AV	5.1474G	44.92	54.00	-9.08	5.50	3	Vertical	16	2.69	-	39.42
PK	5.1718G	101.73	Inf	-Inf	5.56	3	Vertical	16	2.69	-	96.17
AV	5.1716G	92.76	Inf	-Inf	5.56	3	Vertical	16	2.69	-	87.20

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

04/11/2019



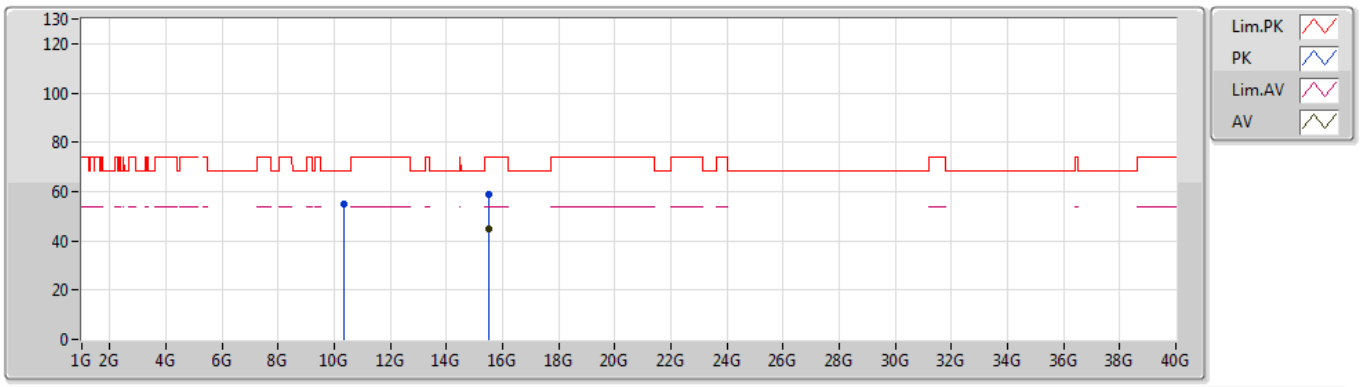
EUT Z_2TX_ANT 180
Setting 71
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1482G	70.75	74.00	-3.25	5.50	3	Horizontal	275	2.11	-	65.25
AV	5.15G	53.78	54.00	-0.22	5.50	3	Horizontal	275	2.11	-	48.28
PK	5.1768G	116.95	Inf	-Inf	5.58	3	Horizontal	275	2.11	-	111.37
AV	5.1758G	106.81	Inf	-Inf	5.57	3	Horizontal	275	2.11	-	101.24

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

04/11/2019



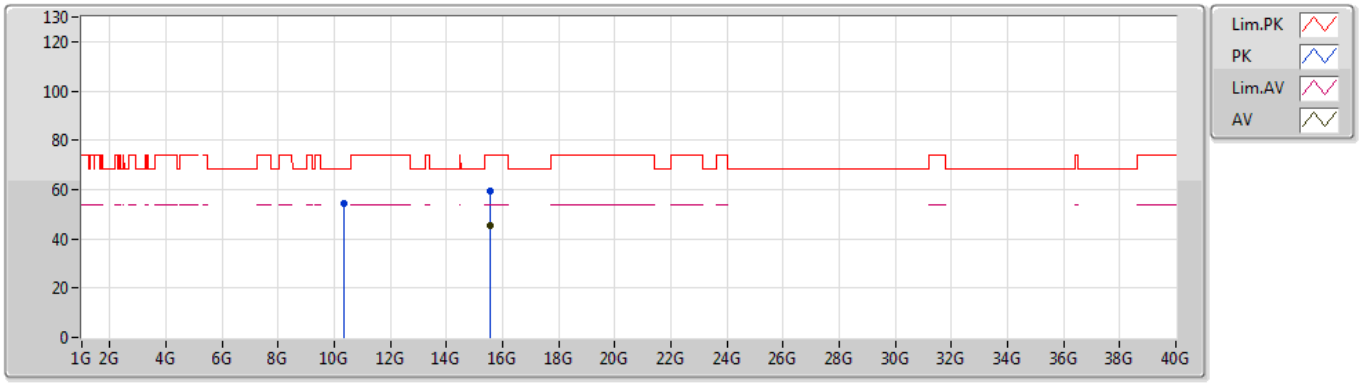
EUT Z_2TX_ANT 180
Setting 71
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.33636G	54.77	68.20	-13.43	12.17	3	Vertical	231	2.00	-	42.60
PK	15.505G	58.77	74.00	-15.23	14.54	3	Vertical	145	1.57	-	44.23
AV	15.5274G	44.93	54.00	-9.07	14.45	3	Vertical	145	1.57	-	30.48

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

04/11/2019



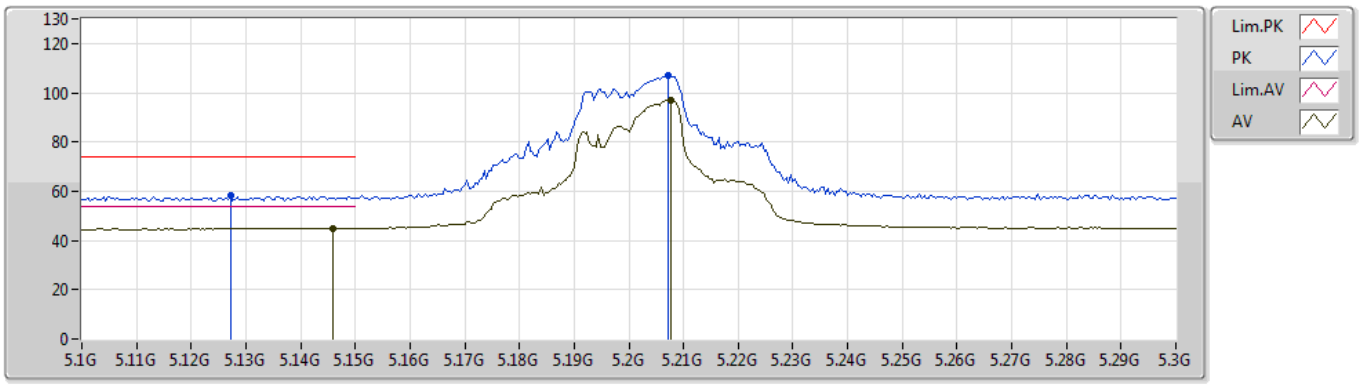
EUT Z_2TX_ANT 180
Setting 71
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.33732G	54.27	68.20	-13.93	12.17	3	Horizontal	118	2.79	-	42.10
PK	15.5384G	59.48	74.00	-14.52	14.40	3	Horizontal	279	2.94	-	45.08
AV	15.54054G	45.53	54.00	-8.47	14.40	3	Horizontal	279	2.94	-	31.13

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

04/11/2019



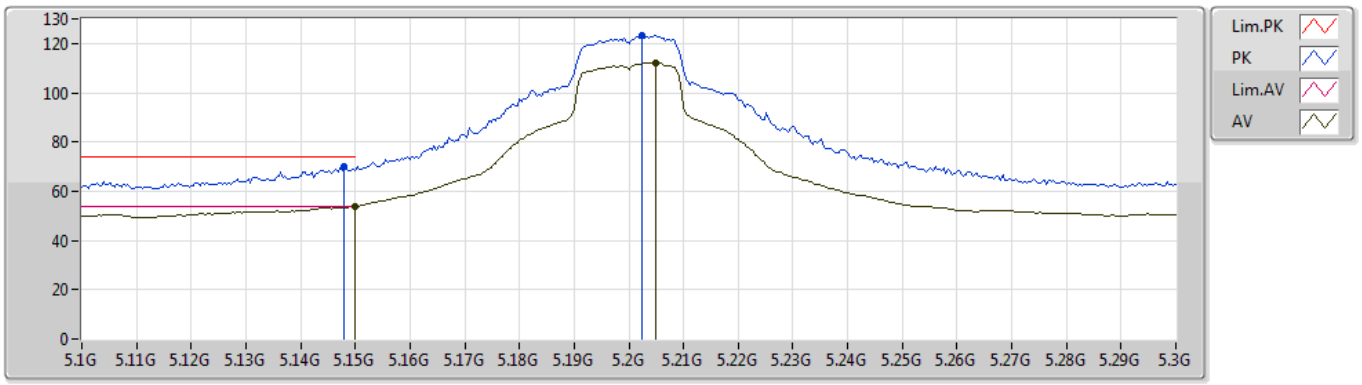
EUT Z_2TX_ANT 180
Setting 168
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1272G	58.17	74.00	-15.83	5.44	3	Vertical	27	1.50	-	52.73
AV	5.146G	44.97	54.00	-9.03	5.50	3	Vertical	27	1.50	-	39.47
PK	5.2072G	106.95	Inf	-Inf	5.65	3	Vertical	27	1.50	-	101.30
AV	5.2076G	96.86	Inf	-Inf	5.66	3	Vertical	27	1.50	-	91.20

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

04/11/2019



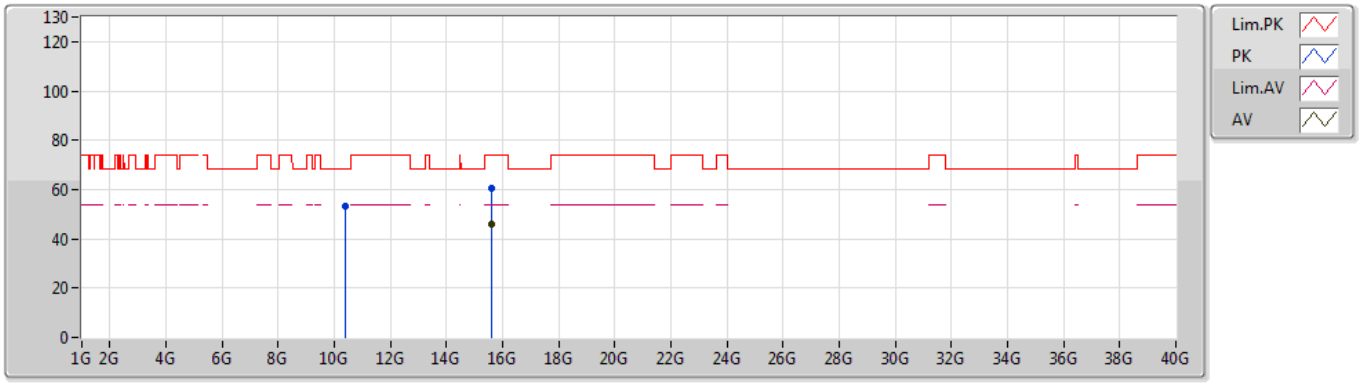
EUT Z_2TX_ANT 180
Setting 168
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.148G	69.93	74.00	-4.07	5.50	3	Horizontal	267	2.32	-	64.43
AV	5.15G	53.88	54.00	-0.12	5.50	3	Horizontal	267	2.32	-	48.38
PK	5.2024G	123.42	Inf	-Inf	5.64	3	Horizontal	267	2.32	-	117.78
AV	5.2048G	112.19	Inf	-Inf	5.65	3	Horizontal	267	2.32	-	106.54

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

04/11/2019



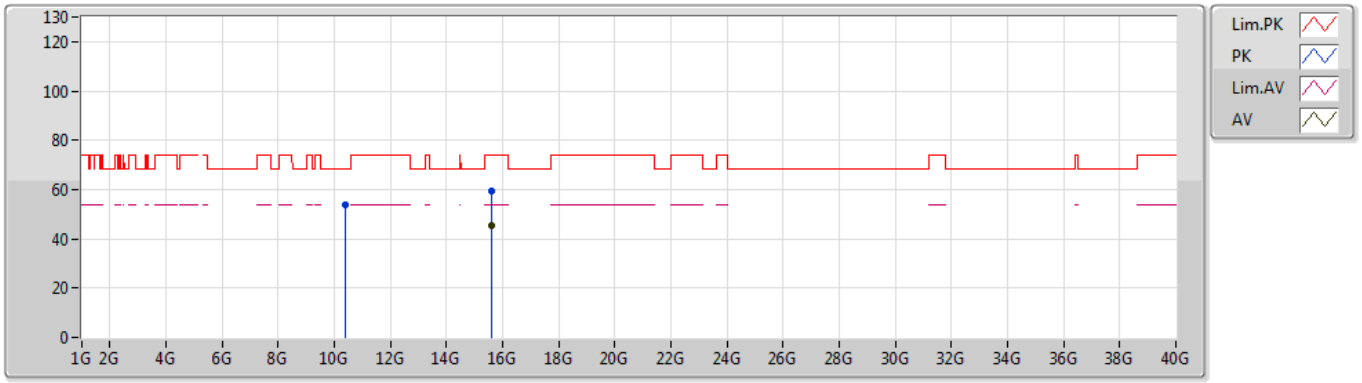
EUT Z_2TX_ANT 180
Setting 168
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.37036G	53.12	68.20	-15.08	12.19	3	Vertical	285	1.77	-	40.93
PK	15.59844G	60.77	74.00	-13.23	14.18	3	Vertical	5	2.71	-	46.59
AV	15.59778G	45.72	54.00	-8.28	14.19	3	Vertical	5	2.71	-	31.53

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

04/11/2019



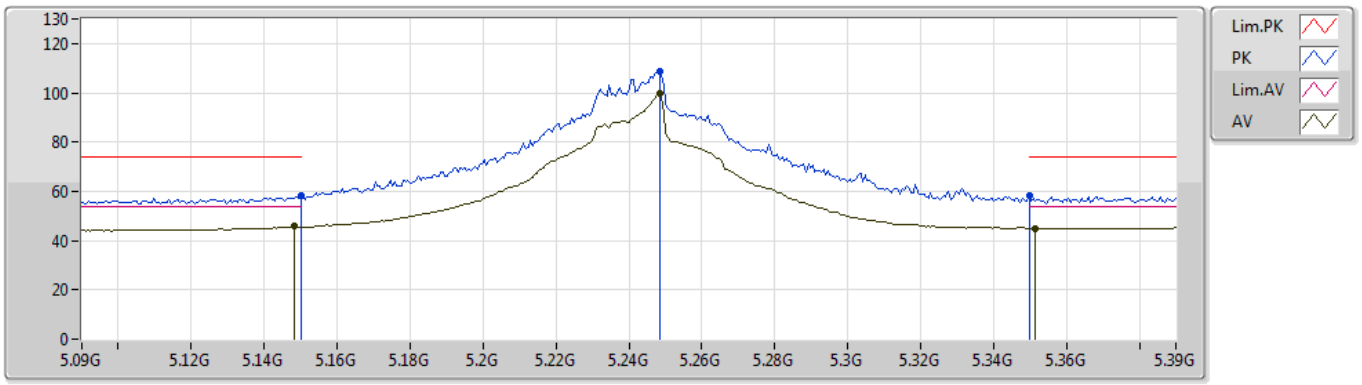
EUT Z_2TX_ANT 180
Setting 168
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.3802G	53.56	68.20	-14.64	12.21	3	Horizontal	336	1.34	-	41.35
PK	15.58986G	59.54	74.00	-14.46	14.22	3	Horizontal	70	1.39	-	45.32
AV	15.59304G	45.62	54.00	-8.38	14.21	3	Horizontal	70	1.39	-	31.41

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

01/11/2019



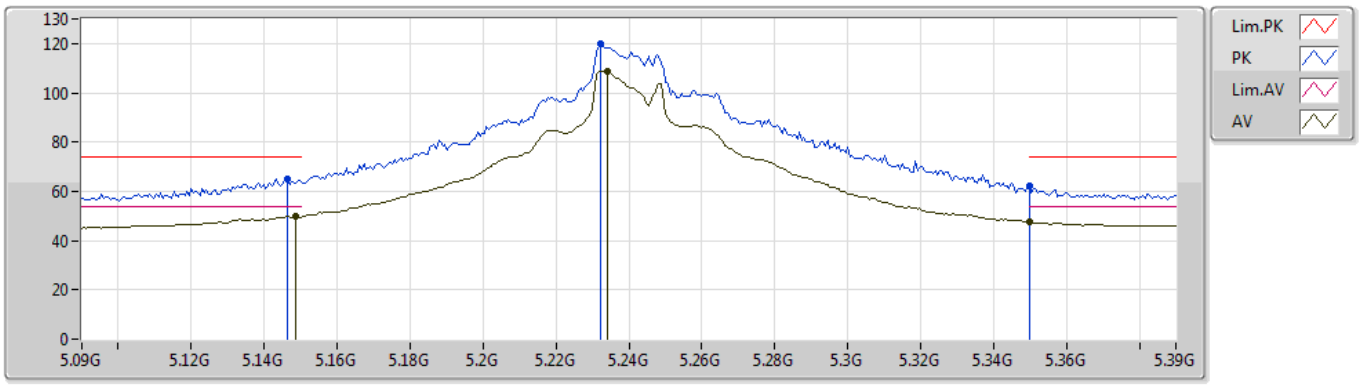
EUT Z_2TX_ANT 180
Setting 224
03-C-4-10
FSP(100019)

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	58.55	74.00	-15.45	5.50	3	Vertical	170	2.97	-	53.05
AV	5.1482G	45.73	54.00	-8.27	5.50	3	Vertical	170	2.97	-	40.23
AV	5.2484G	99.62	Inf	-Inf	5.72	3	Vertical	170	2.97	-	93.90
PK	5.2484G	108.46	Inf	-Inf	5.72	3	Vertical	170	2.97	-	102.74
AV	5.3516G	45.05	54.00	-8.95	5.81	3	Vertical	170	2.97	-	39.24
PK	5.35G	58.18	74.00	-15.82	5.81	3	Vertical	170	2.97	-	52.37

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

01/11/2019



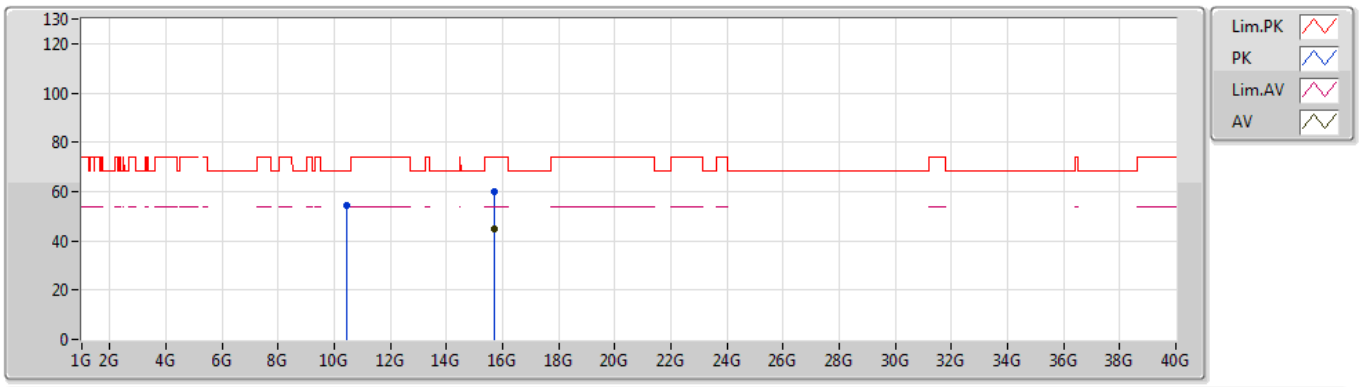
EUT Z_2TX_ANT 180
Setting 224
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1464G	65.10	74.00	-8.90	5.50	3	Horizontal	100	1.92	-	59.60
AV	5.1488G	49.66	54.00	-4.34	5.50	3	Horizontal	100	1.92	-	44.16
PK	5.2322G	119.80	Inf	-Inf	5.68	3	Horizontal	100	1.92	-	114.12
AV	5.234G	108.78	Inf	-Inf	5.69	3	Horizontal	100	1.92	-	103.09
PK	5.35G	62.39	74.00	-11.61	5.81	3	Horizontal	100	1.92	-	56.58
AV	5.35G	47.41	54.00	-6.59	5.81	3	Horizontal	100	1.92	-	41.60

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

01/11/2019



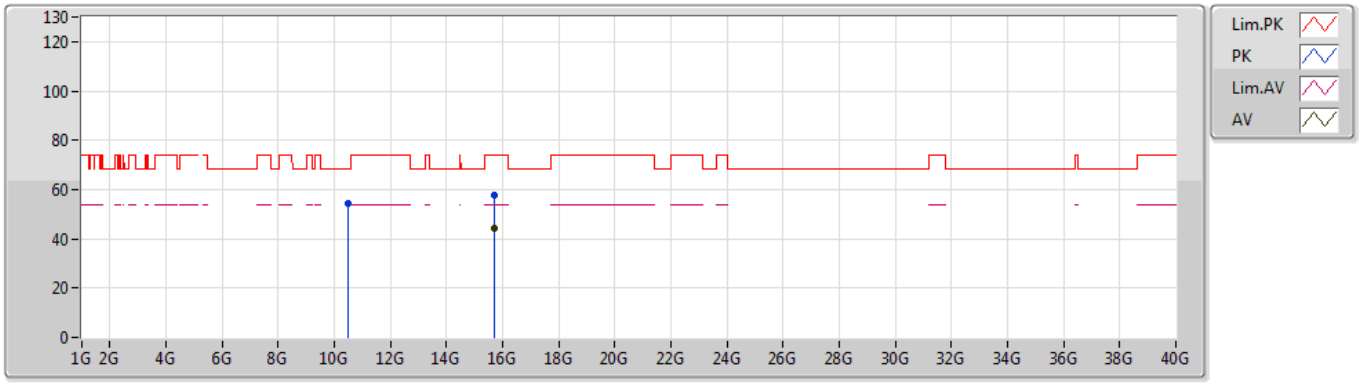
EUT Z_2TX_ANT 180
Setting 224
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.45612G	54.26	68.20	-13.94	12.27	3	Vertical	311	1.50	-	41.99
PK	15.70902G	59.98	74.00	-14.02	13.79	3	Vertical	210	1.51	-	46.19
AV	15.705G	44.93	54.00	-9.07	13.81	3	Vertical	210	1.51	-	31.12

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

01/11/2019



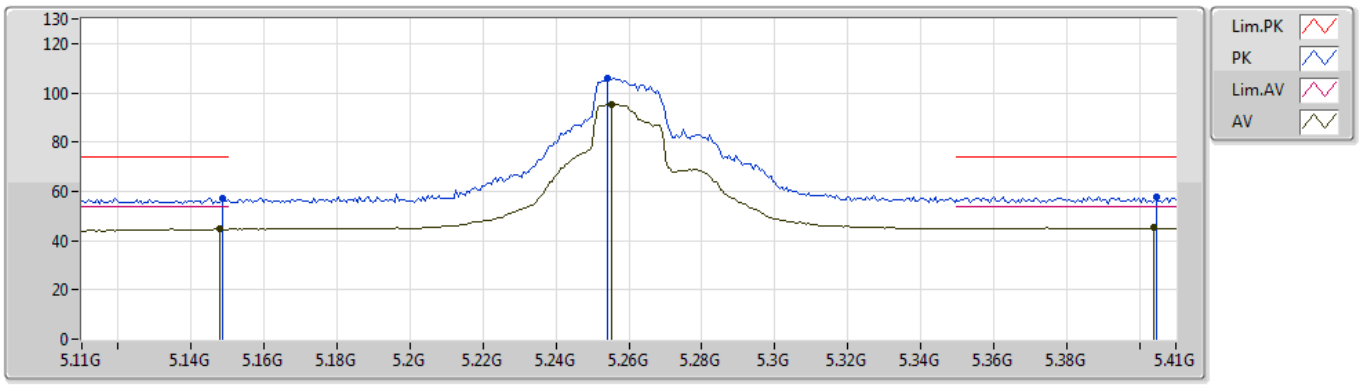
EUT Z_2TX_ANT 180
Setting 224
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.48372G	54.42	68.20	-13.78	12.30	3	Horizontal	75	2.45	-	42.12
PK	15.7176G	57.87	74.00	-16.13	13.76	3	Horizontal	315	1.76	-	44.11
AV	15.71308G	44.53	54.00	-9.47	13.78	3	Horizontal	315	1.76	-	30.75

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5260MHz_TX

31/10/2019



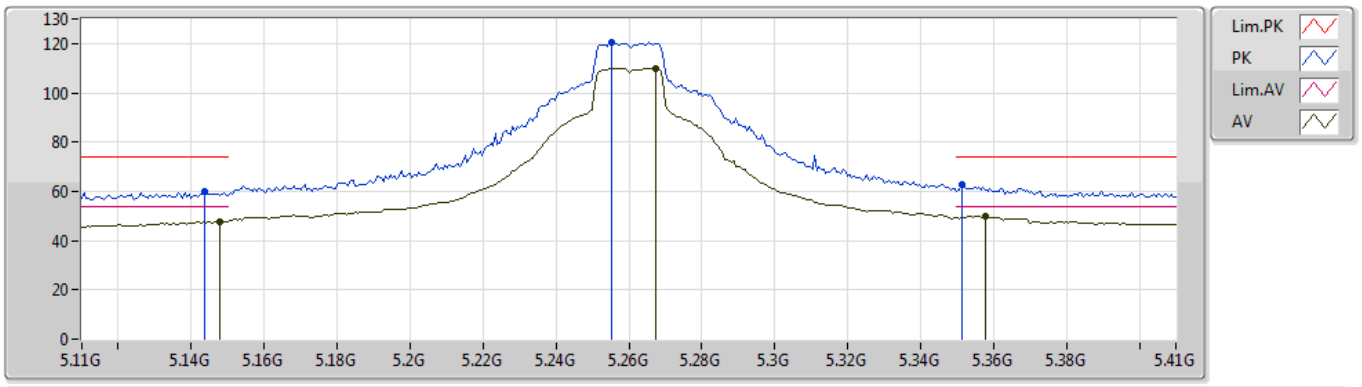
EUT Z_2TX_ANT 180
Setting 200
03-C-4-10
FSP(100019)

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	57.34	74.00	-16.66	5.50	3	Vertical	174	2.80	-	51.84
AV	5.1478G	44.58	54.00	-9.42	5.50	3	Vertical	174	2.80	-	39.08
PK	5.254G	105.99	Inf	-Inf	5.72	3	Vertical	174	2.80	-	100.27
AV	5.2552G	95.29	Inf	-Inf	5.72	3	Vertical	174	2.80	-	89.57
PK	5.4046G	57.91	74.00	-16.09	5.85	3	Vertical	174	2.80	-	52.06
AV	5.404G	45.14	54.00	-8.86	5.85	3	Vertical	174	2.80	-	39.29

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5260MHz_TX

31/10/2019



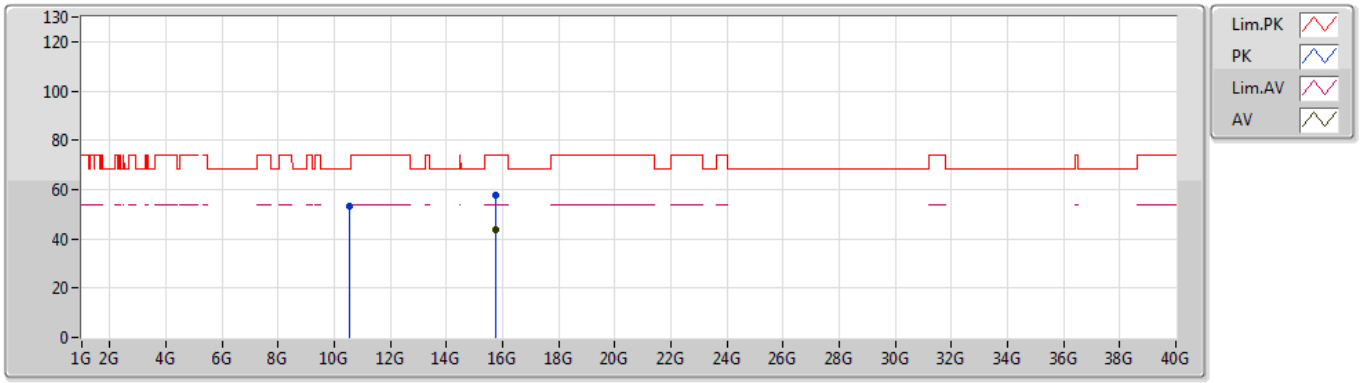
EUT Z_2TX_ANT 180
Setting 200
03-C-4-10
FSP(100019)

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	59.74	74.00	-14.26	5.48	3	Horizontal	273	2.25	-	54.26
AV	5.1478G	47.63	54.00	-6.37	5.50	3	Horizontal	273	2.25	-	42.13
PK	5.2552G	120.54	Inf	-Inf	5.72	3	Horizontal	273	2.25	-	114.82
AV	5.2672G	110.00	Inf	-Inf	5.74	3	Horizontal	273	2.25	-	104.26
PK	5.3512G	62.64	74.00	-11.36	5.81	3	Horizontal	273	2.25	-	56.83
AV	5.3578G	49.78	54.00	-4.22	5.82	3	Horizontal	273	2.25	-	43.96

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5260MHz_TX

31/10/2019



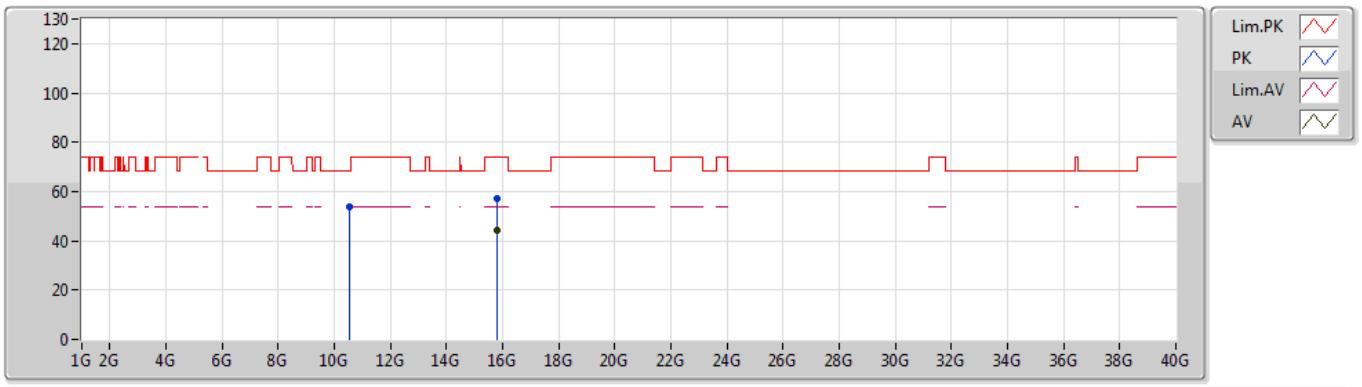
EUT Z_2TX_ANT 180
Setting 200
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.53176G	53.36	68.20	-14.84	12.34	3	Vertical	74	2.84	-	41.02
PK	15.7656G	57.62	74.00	-16.38	13.58	3	Vertical	333	2.85	-	44.04
AV	15.76326G	43.88	54.00	-10.12	13.60	3	Vertical	333	2.85	-	30.28

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5260MHz_TX

31/10/2019



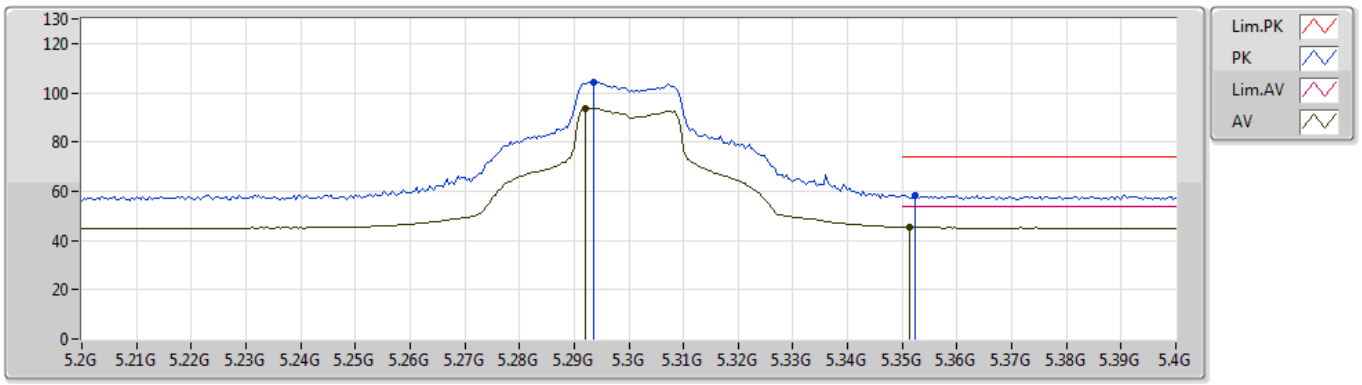
EUT Z_2TX_ANT 180
Setting 200
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.52216G	53.61	68.20	-14.59	12.33	3	Horizontal	120	1.06	-	41.28
PK	15.7905G	57.43	74.00	-16.57	13.50	3	Horizontal	82	1.93	-	43.93
AV	15.79044G	44.10	54.00	-9.90	13.50	3	Horizontal	82	1.93	-	30.60

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5300MHz_TX

31/10/2019



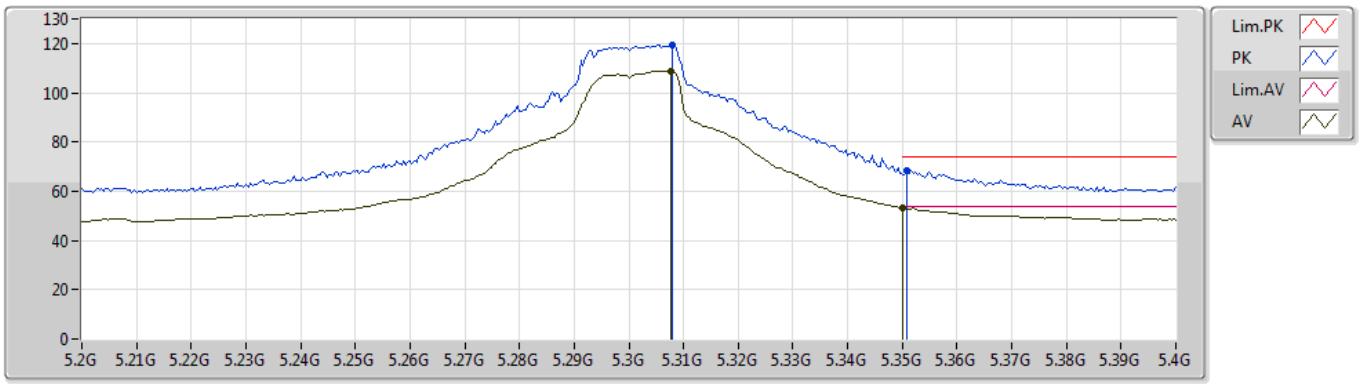
EUT Z_2TX_ANT 180
Setting 200
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.2936G	104.27	Inf	-Inf	5.78	3	Vertical	343	2.37	-	98.49
AV	5.292G	93.69	Inf	-Inf	5.77	3	Vertical	343	2.37	-	87.92
PK	5.3524G	58.32	74.00	-15.68	5.81	3	Vertical	343	2.37	-	52.51
AV	5.3512G	45.47	54.00	-8.53	5.81	3	Vertical	343	2.37	-	39.66

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5300MHz_TX

31/10/2019



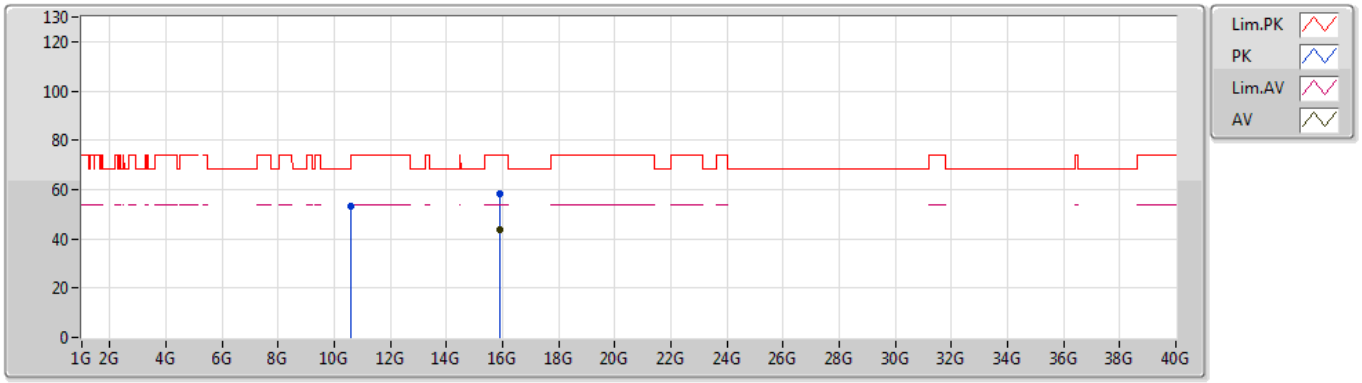
EUT Z_2TX_ANT 180
Setting 200
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.308G	119.44	Inf	-Inf	5.80	3	Horizontal	278	2.02	-	113.64
AV	5.3076G	108.78	Inf	-Inf	5.80	3	Horizontal	278	2.02	-	102.98
PK	5.3508G	68.32	74.00	-5.68	5.81	3	Horizontal	278	2.02	-	62.51
AV	5.35G	53.23	54.00	-0.77	5.81	3	Horizontal	278	2.02	-	47.42

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5300MHz_TX

31/10/2019



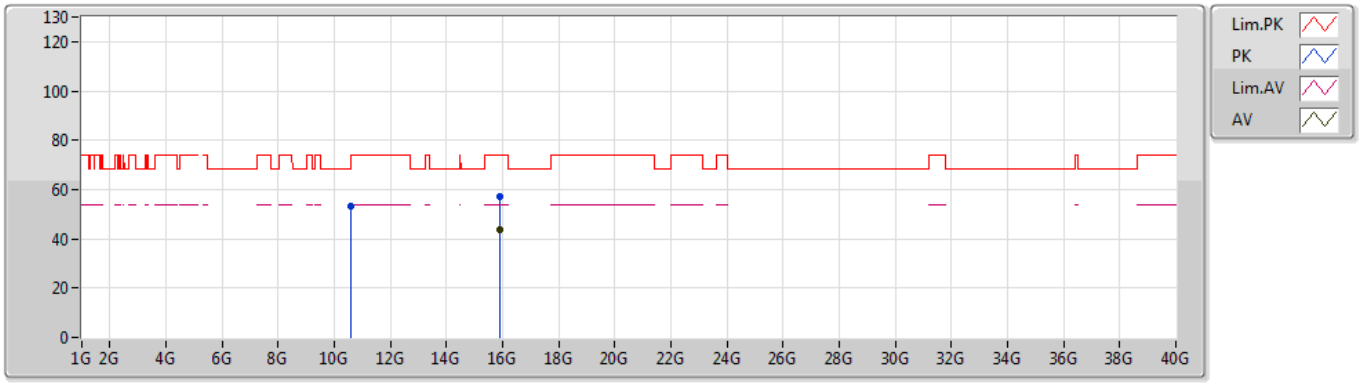
EUT Z_2TX_ANT 180
Setting 200
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.58512G	53.29	68.20	-14.91	12.39	3	Vertical	342	2.91	-	40.90
PK	15.88638G	58.10	74.00	-15.90	13.15	3	Vertical	244	2.13	-	44.95
AV	15.89154G	43.78	54.00	-10.22	13.14	3	Vertical	244	2.13	-	30.64

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5300MHz_TX

31/10/2019



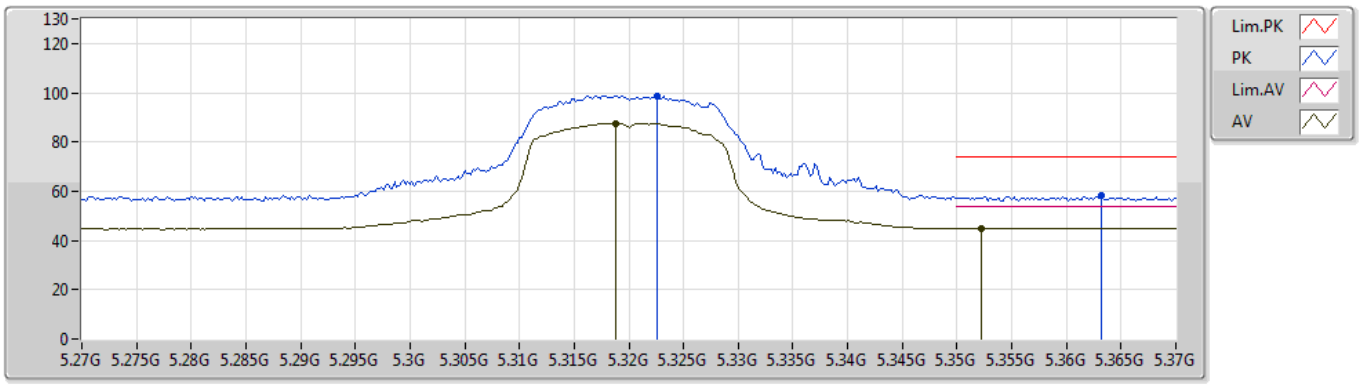
EUT Z_2TX_ANT 180
Setting 200
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.57396G	53.36	68.20	-14.84	12.37	3	Horizontal	57	1.13	-	40.99
PK	15.89184G	57.32	74.00	-16.68	13.13	3	Horizontal	120	2.74	-	44.19
AV	15.9057G	43.64	54.00	-10.36	13.07	3	Horizontal	120	2.74	-	30.57

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5320MHz_TX

01/11/2019



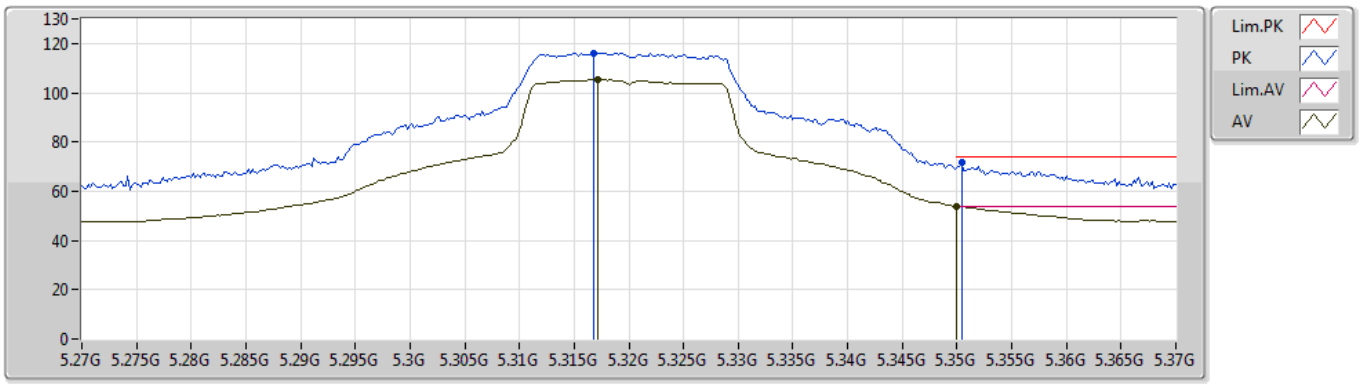
EUT Z_2TX_ANT 180
Setting 84
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3226G	98.89	Inf	-Inf	5.80	3	Vertical	30	2.00	-	93.09
AV	5.3188G	87.59	Inf	-Inf	5.80	3	Vertical	30	2.00	-	81.79
PK	5.3632G	58.30	74.00	-15.70	5.81	3	Vertical	30	2.00	-	52.49
AV	5.3522G	44.98	54.00	-9.02	5.81	3	Vertical	30	2.00	-	39.17

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5320MHz_TX

01/11/2019



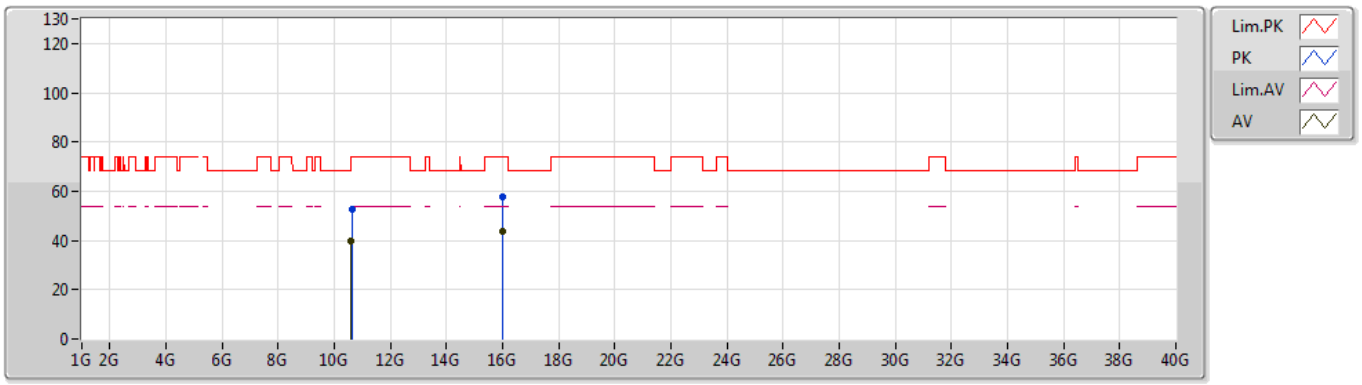
EUT Z_2TX_ANT 180
Setting 84
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3168G	116.24	Inf	-Inf	5.80	3	Horizontal	270	2.10	-	110.44
AV	5.3172G	105.35	Inf	-Inf	5.80	3	Horizontal	270	2.10	-	99.55
PK	5.3504G	71.79	74.00	-2.21	5.81	3	Horizontal	270	2.10	-	65.98
AV	5.35G	53.96	54.00	-0.04	5.81	3	Horizontal	270	2.10	-	48.15

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5320MHz_TX

01/11/2019



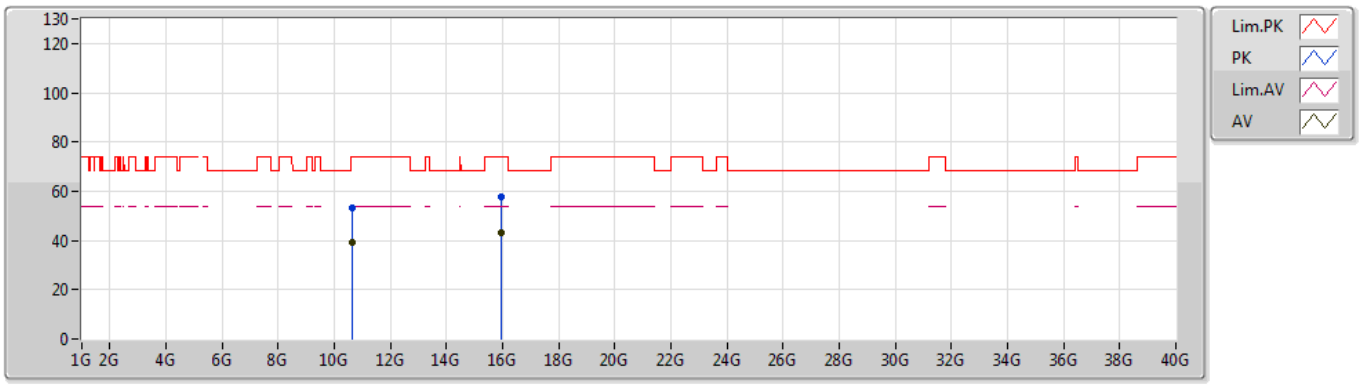
EUT Z_2TX_ANT 180
Setting 84
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.6262G	52.74	74.00	-21.26	12.43	3	Vertical	280	1.91	-	40.31
AV	10.61264G	39.65	54.00	-14.35	12.41	3	Vertical	280	1.91	-	27.24
PK	16.0046G	57.68	74.00	-16.32	12.75	3	Vertical	183	1.13	-	44.93
AV	16.0088G	43.73	54.00	-10.27	12.77	3	Vertical	183	1.13	-	30.96

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5320MHz_TX

01/11/2019



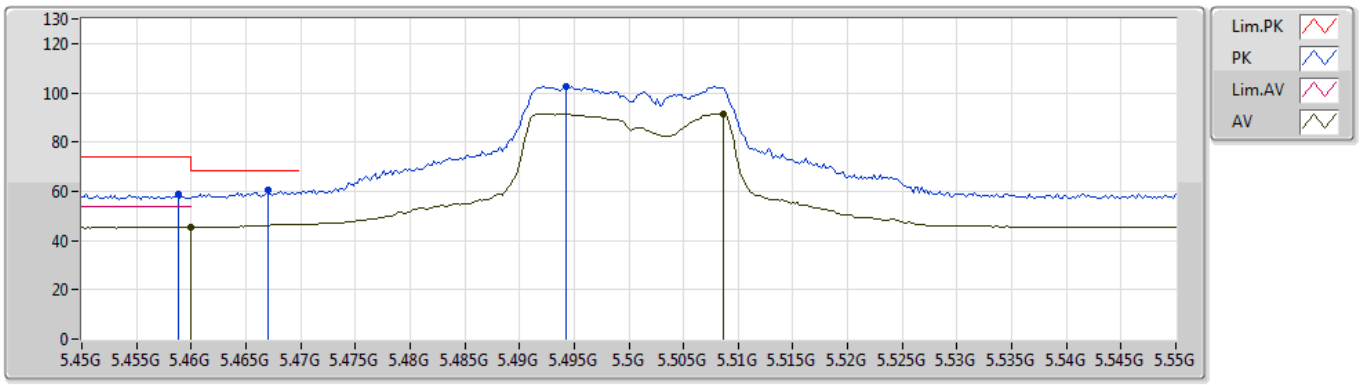
EUT Z_2TX_ANT 180
Setting 84
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.6262G	53.06	74.00	-20.94	12.43	3	Horizontal	334	2.29	-	40.63
AV	10.62728G	39.47	54.00	-14.53	12.43	3	Horizontal	334	2.29	-	27.04
PK	15.95708G	57.87	74.00	-16.13	12.89	3	Horizontal	215	1.14	-	44.98
AV	15.95598G	43.37	54.00	-10.63	12.89	3	Horizontal	215	1.14	-	30.48

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5500MHz_TX

31/10/2019



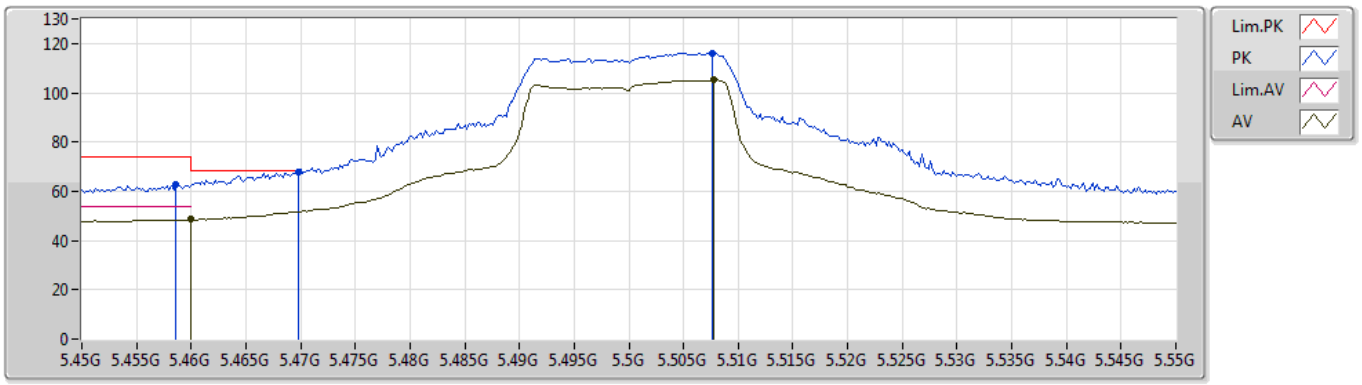
EUT Z_2TX_ANT 180
Setting 75
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4588G	58.61	74.00	-15.39	6.01	3	Vertical	174	2.71	-	52.60
AV	5.46G	45.41	54.00	-8.59	6.01	3	Vertical	174	2.71	-	39.40
PK	5.467G	60.37	68.20	-7.83	6.03	3	Vertical	174	2.71	-	54.34
PK	5.4942G	102.74	Inf	-Inf	6.10	3	Vertical	174	2.71	-	96.64
AV	5.5086G	91.52	Inf	-Inf	6.12	3	Vertical	174	2.71	-	85.40

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5500MHz_TX

31/10/2019



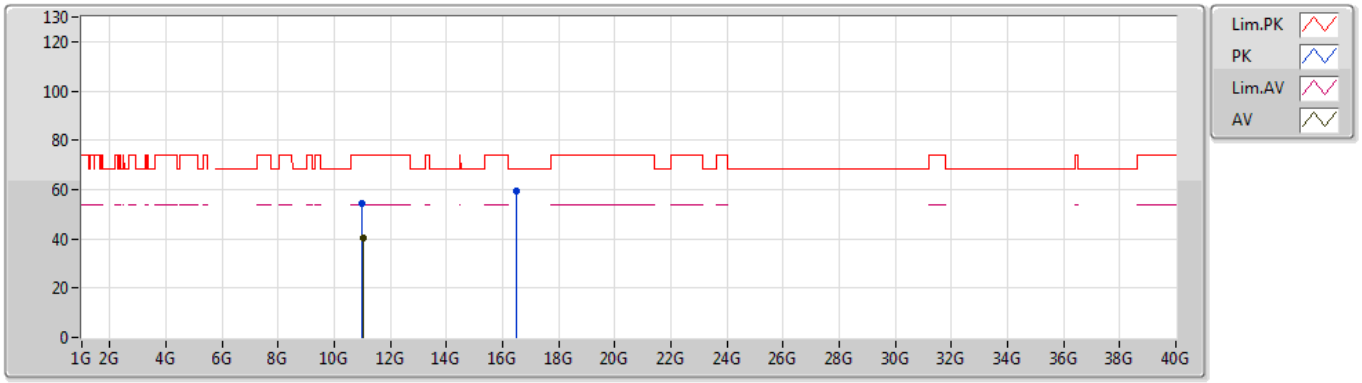
EUT Z_2TX_ANT 180
Setting 75
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4586G	62.50	74.00	-11.50	6.01	3	Horizontal	80	2.23	-	56.49
AV	5.46G	48.47	54.00	-5.53	6.01	3	Horizontal	80	2.23	-	42.46
PK	5.4698G	67.99	68.20	-0.21	6.04	3	Horizontal	80	2.23	-	61.95
PK	5.5076G	116.23	Inf	-Inf	6.12	3	Horizontal	80	2.23	-	110.11
AV	5.5078G	105.19	Inf	-Inf	6.12	3	Horizontal	80	2.23	-	99.07

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5500MHz_TX

31/10/2019



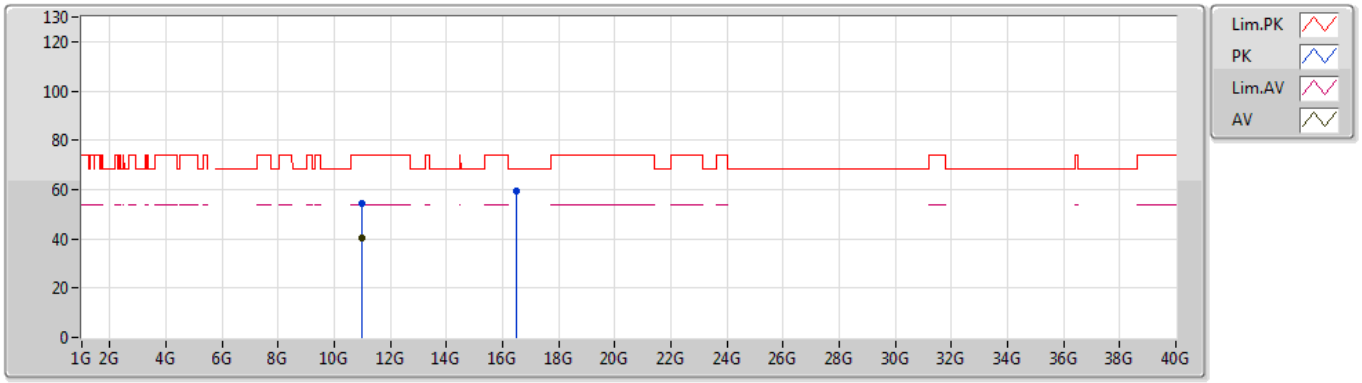
EUT Z_2TX_ANT 180
Setting 75
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.98746G	54.36	74.00	-19.64	12.73	3	Vertical	31	2.21	-	41.63
AV	11.00942G	40.25	54.00	-13.75	12.75	3	Vertical	31	2.21	-	27.50
PK	16.4724G	59.57	68.20	-8.63	14.34	3	Vertical	20	2.55	-	45.23

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5500MHz_TX

31/10/2019



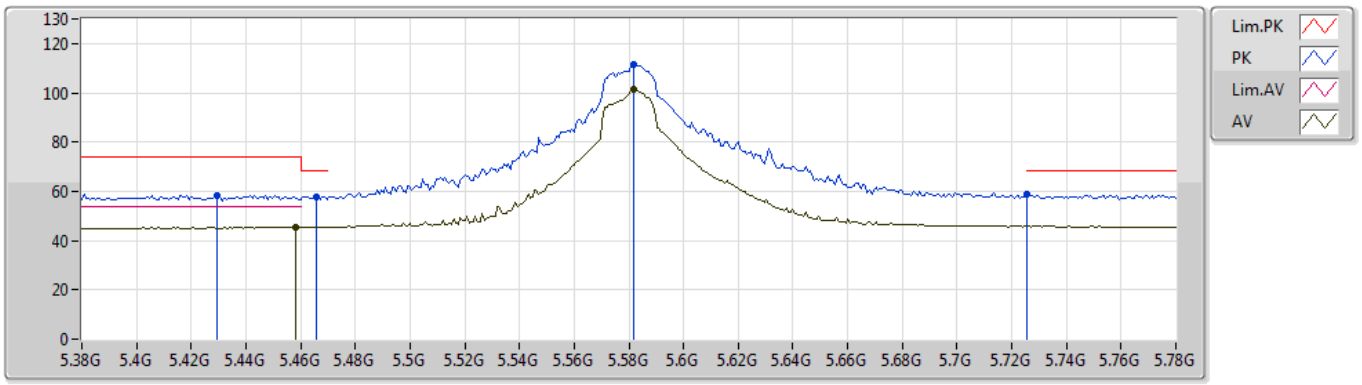
EUT Z_2TX_ANT 180
Setting 75
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.0054G	54.44	74.00	-19.56	12.74	3	Horizontal	293	2.78	-	41.70
AV	11.00474G	40.35	54.00	-13.65	12.74	3	Horizontal	293	2.78	-	27.61
PK	16.48416G	59.12	68.20	-9.08	14.38	3	Horizontal	94	2.30	-	44.74

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5580MHz_TX

01/11/2019



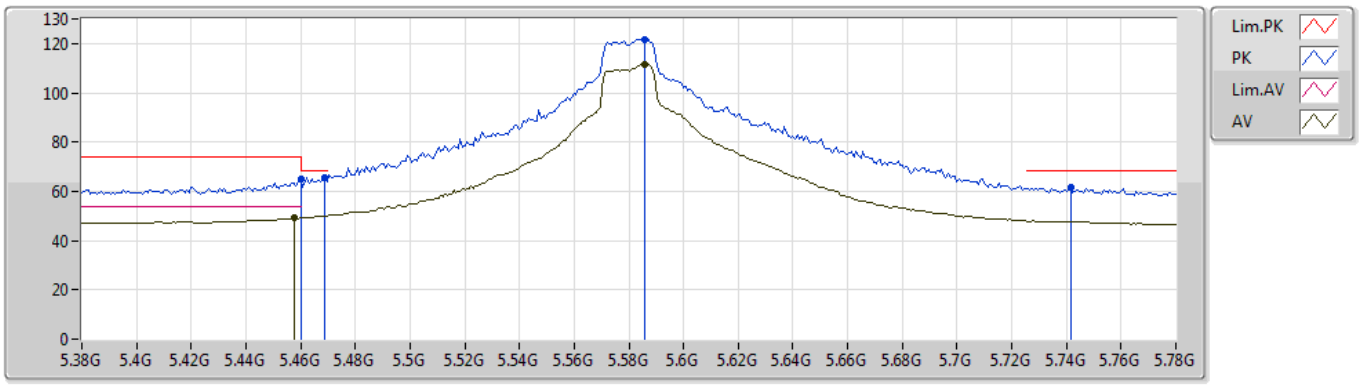
EUT Z_2TX_ANT 180
Setting 188
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4296G	58.26	74.00	-15.74	5.92	3	Vertical	166	2.66	-	52.34
AV	5.4584G	45.34	54.00	-8.66	6.01	3	Vertical	166	2.66	-	39.33
PK	5.4656G	57.93	68.20	-10.27	6.03	3	Vertical	166	2.66	-	51.90
PK	5.5816G	111.56	Inf	-Inf	6.16	3	Vertical	166	2.66	-	105.40
AV	5.5816G	101.15	Inf	-Inf	6.16	3	Vertical	166	2.66	-	94.99
PK	5.7256G	58.62	68.20	-9.58	5.89	3	Vertical	166	2.66	-	52.73

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5580MHz_TX

01/11/2019



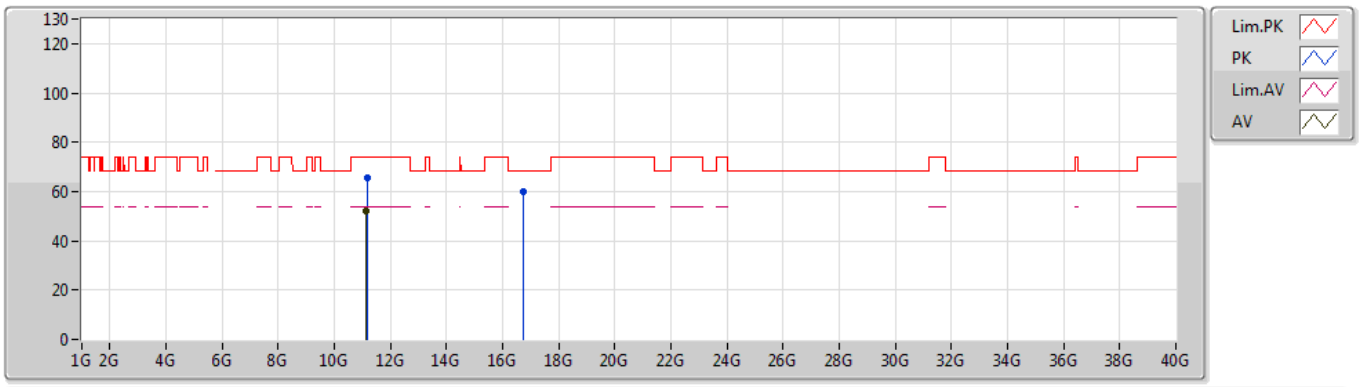
EUT Z_2TX_ANT 180
Setting 188
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.46G	64.75	74.00	-9.25	6.01	3	Horizontal	92	2.12	-	58.74
AV	5.4576G	49.24	54.00	-4.76	6.00	3	Horizontal	92	2.12	-	43.24
PK	5.4688G	65.55	68.20	-2.65	6.03	3	Horizontal	92	2.12	-	59.52
PK	5.5856G	121.75	Inf	-Inf	6.16	3	Horizontal	92	2.12	-	115.59
AV	5.5856G	111.68	Inf	-Inf	6.16	3	Horizontal	92	2.12	-	105.52
PK	5.7416G	61.54	68.20	-6.66	5.87	3	Horizontal	92	2.12	-	55.67

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5580MHz_TX

01/11/2019



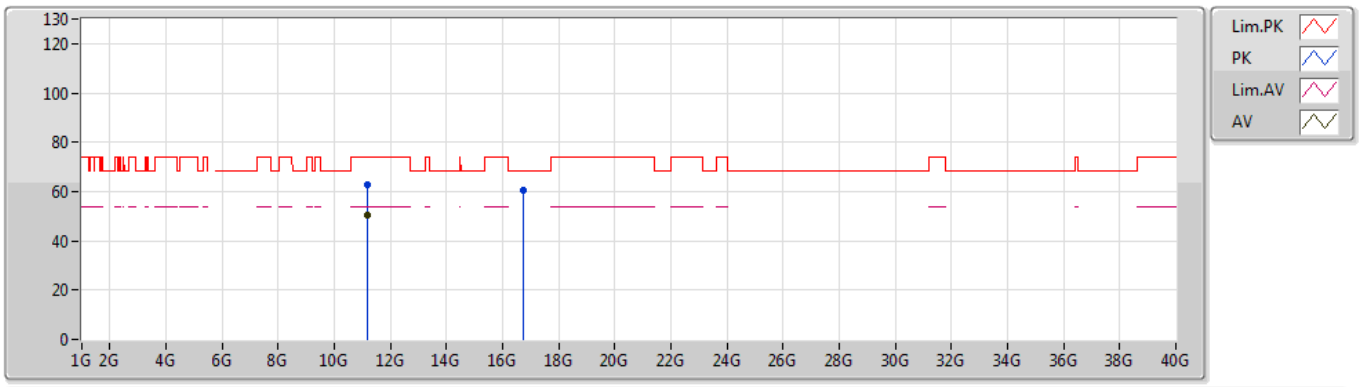
EUT Z_2TX_ANT 180
Setting 188
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.157G	65.66	74.00	-8.34	12.82	3	Vertical	196	2.40	-	52.84
AV	11.15376G	52.31	54.00	-1.69	12.83	3	Vertical	196	2.40	-	39.48
PK	16.74996G	60.23	68.20	-7.97	15.28	3	Vertical	0	1.50	-	44.95

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5580MHz_TX

01/11/2019



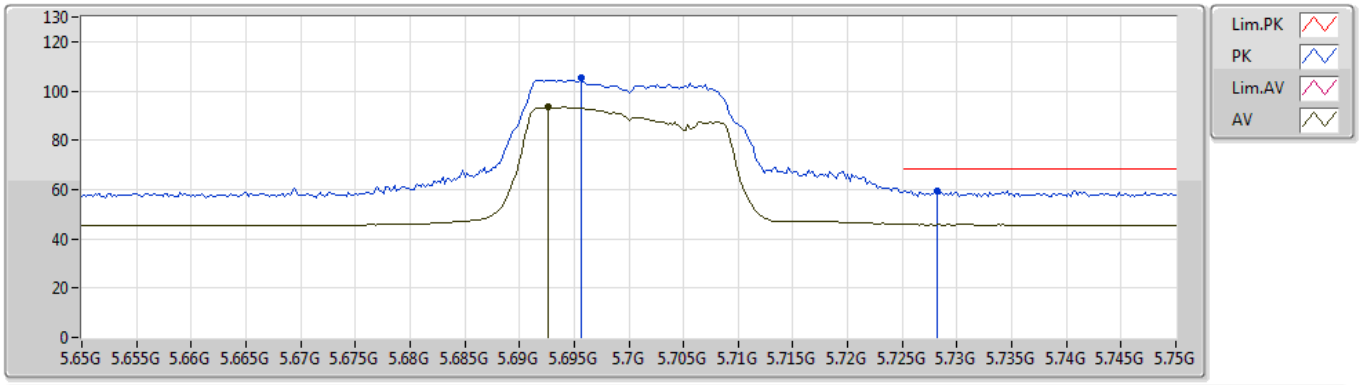
EUT Z_2TX_ANT 180
Setting 188
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.17236G	62.99	74.00	-11.01	12.83	3	Horizontal	194	1.86	-	50.16
AV	11.17296G	50.33	54.00	-3.67	12.83	3	Horizontal	194	1.86	-	37.50
PK	16.7472G	60.41	68.20	-7.79	15.27	3	Horizontal	89	2.77	-	45.14

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5700MHz_TX

01/11/2019



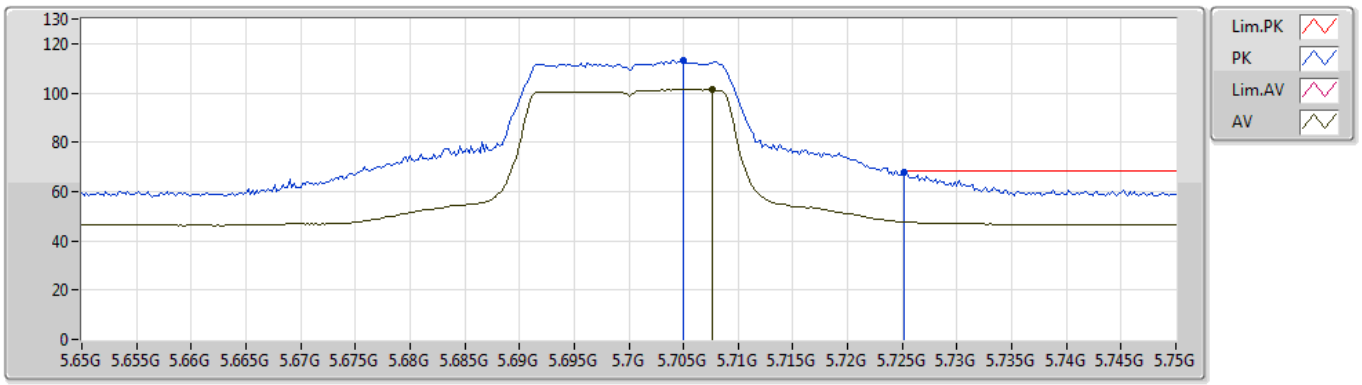
EUT Z_2TX_ANT 180
Setting 33
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.6956G	105.25	Inf	-Inf	5.94	3	Vertical	184	2.80	-	99.31
AV	5.6926G	93.58	Inf	-Inf	5.95	3	Vertical	184	2.80	-	87.63
PK	5.7282G	59.60	68.20	-8.60	5.88	3	Vertical	184	2.80	-	53.72

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5700MHz_TX

01/11/2019



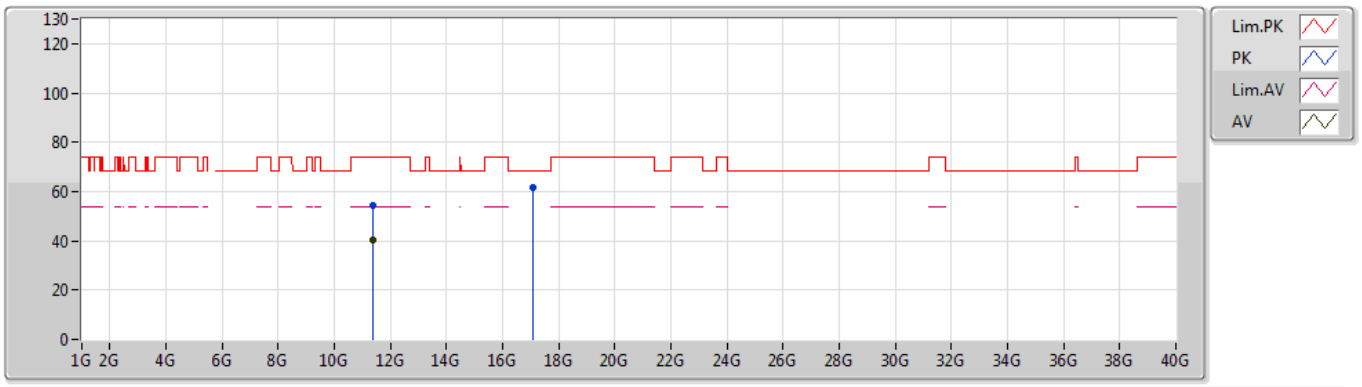
EUT Z_2TX_ANT 180
Setting 33
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.705G	113.24	Inf	-Inf	5.92	3	Horizontal	270	1.98	-	107.32
AV	5.7076G	101.52	Inf	-Inf	5.92	3	Horizontal	270	1.98	-	95.60
PK	5.7252G	68.04	68.20	-0.16	5.89	3	Horizontal	270	1.98	-	62.15

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5700MHz_TX

01/11/2019



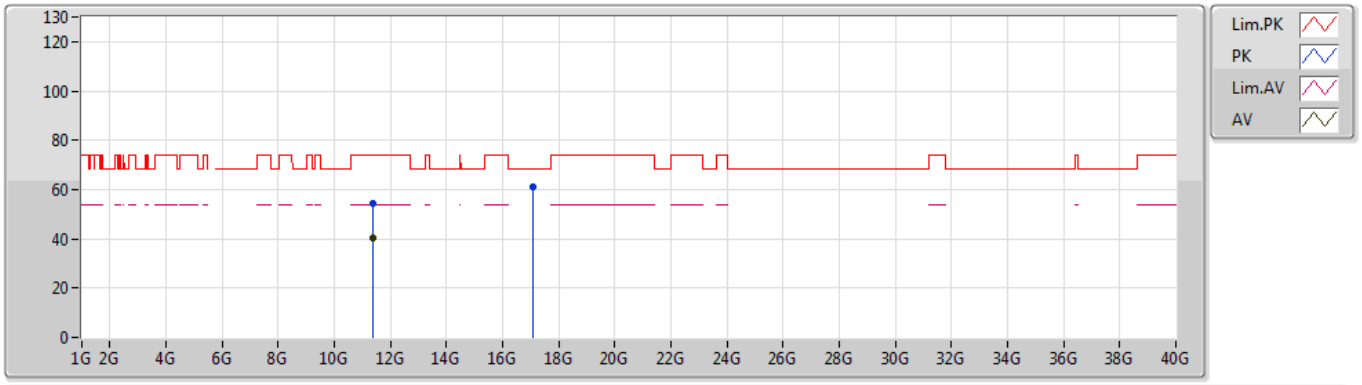
EUT Z_2TX_ANT 180
Setting 33
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.3964G	54.22	74.00	-19.78	12.96	3	Vertical	309	2.51	-	41.26
AV	11.38644G	40.43	54.00	-13.57	12.95	3	Vertical	309	2.51	-	27.48
PK	17.10072G	61.37	68.20	-6.83	16.64	3	Vertical	190	2.91	-	44.73

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5700MHz_TX

01/11/2019



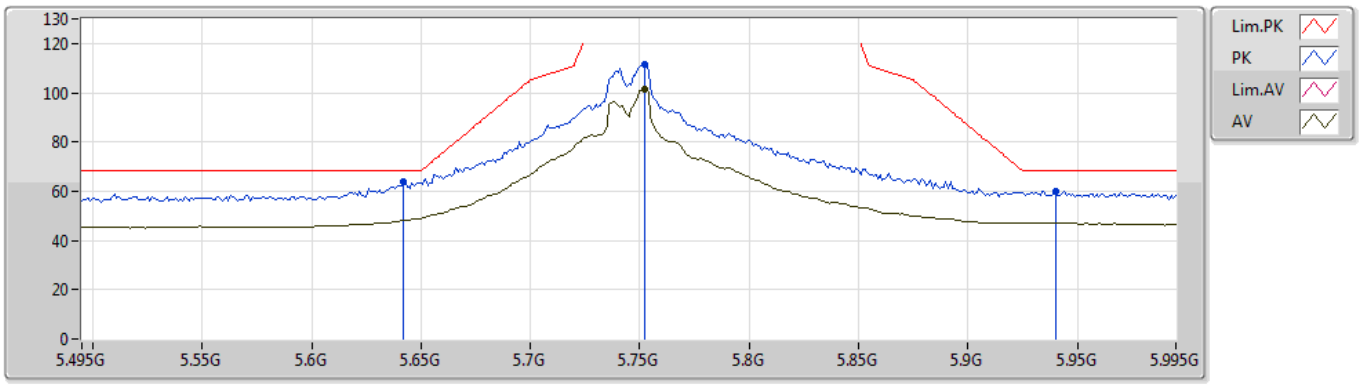
EUT Z_2TX_ANT 180
Setting 33
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.39958G	54.17	74.00	-19.83	12.96	3	Horizontal	318	1.44	-	41.21
AV	11.38572G	40.50	54.00	-13.50	12.95	3	Horizontal	318	1.44	-	27.55
PK	17.10366G	61.02	68.20	-7.18	16.66	3	Horizontal	251	2.11	-	44.36

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

04/11/2019



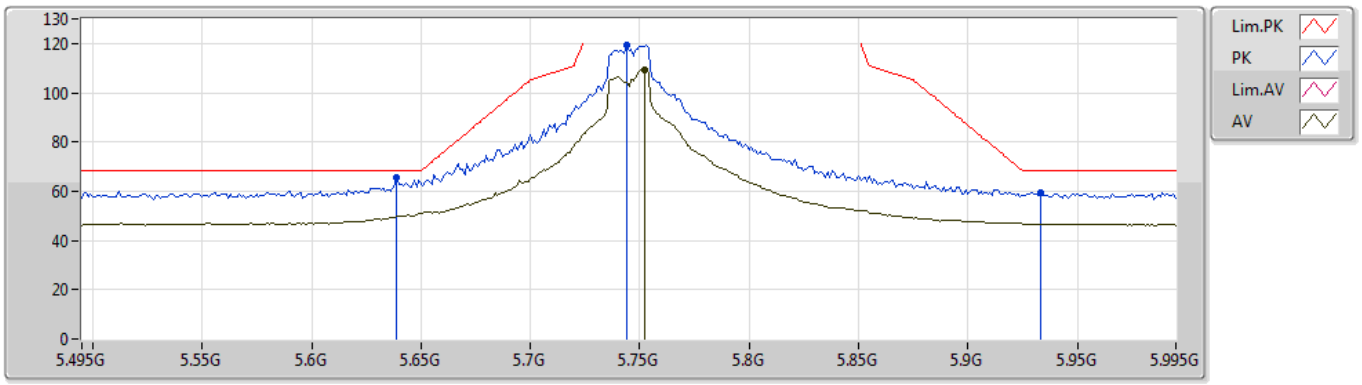
EUT Z_2TX_ANT 180
Setting 178
03-C-4-10
FSP(100019)

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	64.15	68.20	-4.05	6.08	3	Vertical	178	2.77	-	58.07
PK	5.752G	111.40	Inf	-Inf	5.85	3	Vertical	178	2.77	-	105.55
AV	5.752G	101.45	Inf	-Inf	5.85	3	Vertical	178	2.77	-	95.60
PK	5.94G	60.19	68.20	-8.01	6.20	3	Vertical	178	2.77	-	53.99

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

04/11/2019



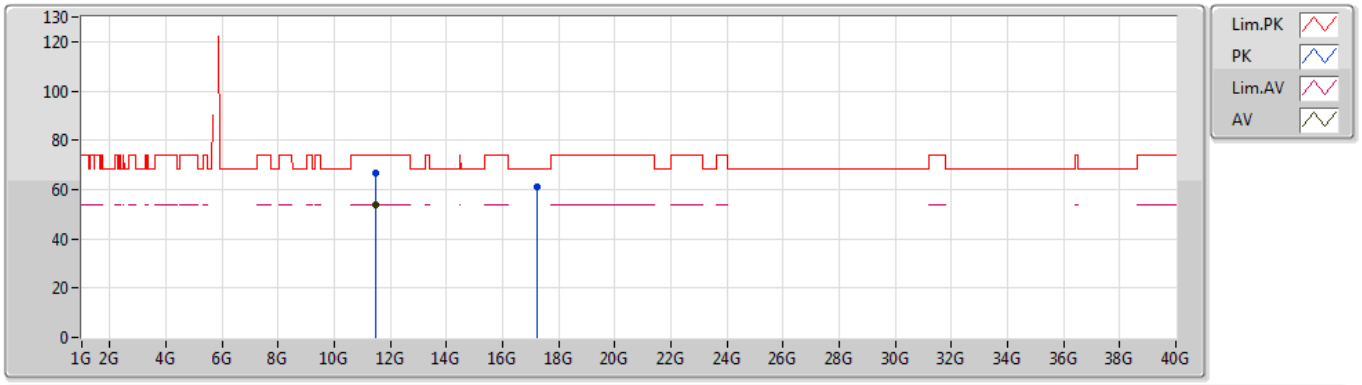
EUT Z_2TX_ANT 180
Setting 178
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.639G	65.58	68.20	-2.62	6.08	3	Horizontal	92	2.02	-	59.50
PK	5.744G	119.57	Inf	-Inf	5.86	3	Horizontal	92	2.02	-	113.71
AV	5.752G	109.28	Inf	-Inf	5.85	3	Horizontal	92	2.02	-	103.43
PK	5.933G	59.43	68.20	-8.77	6.18	3	Horizontal	92	2.02	-	53.25

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

04/11/2019



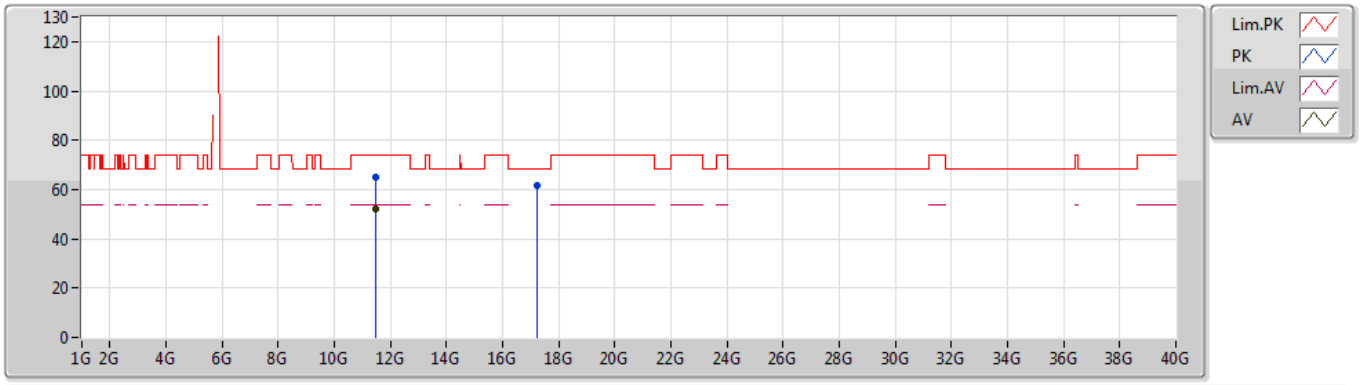
EUT Z_2TX_ANT 180
Setting 178
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.47956G	66.41	74.00	-7.59	13.00	3	Vertical	37	2.59	-	53.41
AV	11.48088G	53.78	54.00	-0.22	13.00	3	Vertical	37	2.59	-	40.78
PK	17.22552G	61.16	68.20	-7.04	17.29	3	Vertical	229	2.56	-	43.87

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

04/11/2019



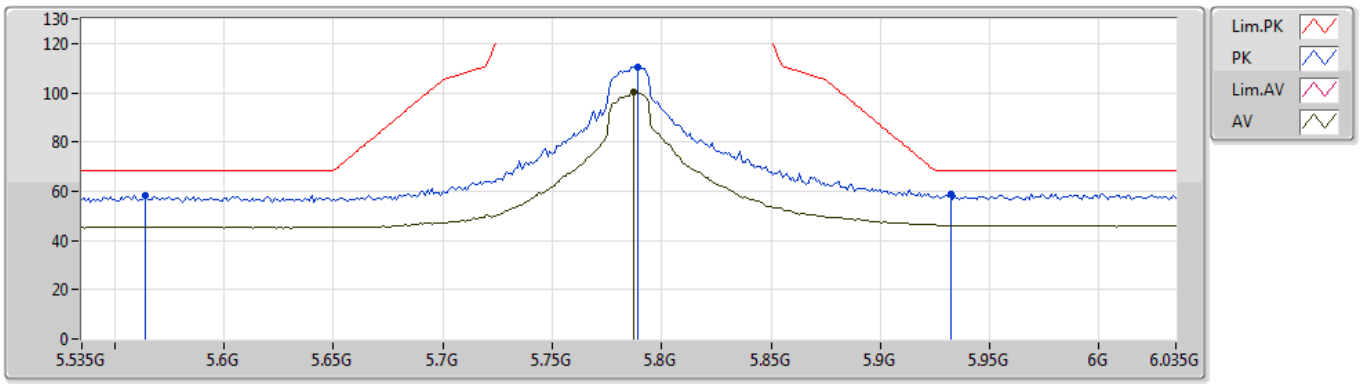
EUT Z_2TX_ANT 180
Setting 178
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.48088G	64.87	74.00	-9.13	13.00	3	Horizontal	175	2.83	-	51.87
AV	11.48088G	51.86	54.00	-2.14	13.00	3	Horizontal	175	2.83	-	38.86
PK	17.25132G	61.66	68.20	-6.54	17.41	3	Horizontal	163	1.38	-	44.25

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

04/11/2019



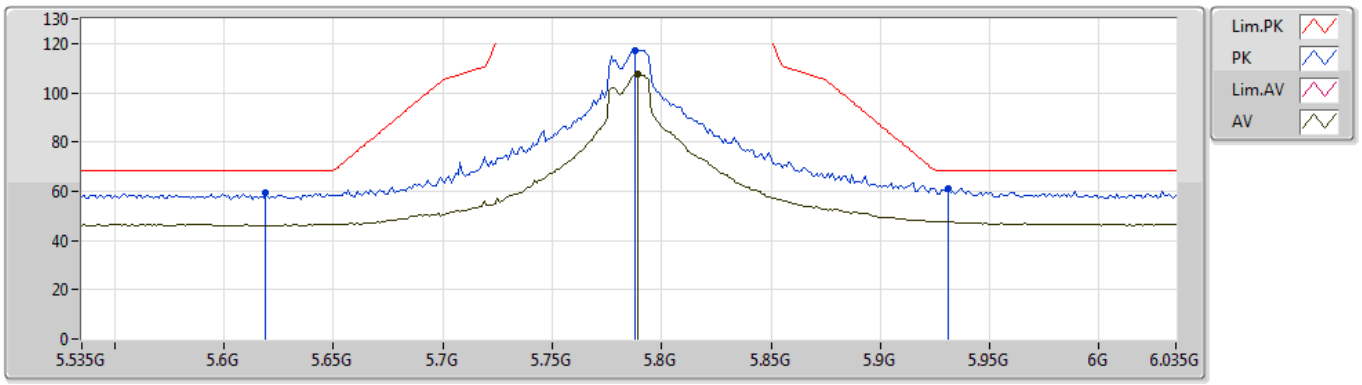
EUT Z_2TX_ANT 180
Setting 168
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.564G	58.21	68.20	-9.99	6.15	3	Vertical	161	2.90	-	52.06
PK	5.789G	110.49	Inf	-Inf	5.79	3	Vertical	161	2.90	-	104.70
AV	5.787G	100.20	Inf	-Inf	5.80	3	Vertical	161	2.90	-	94.40
PK	5.932G	58.86	68.20	-9.34	6.18	3	Vertical	161	2.90	-	52.68

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

04/11/2019



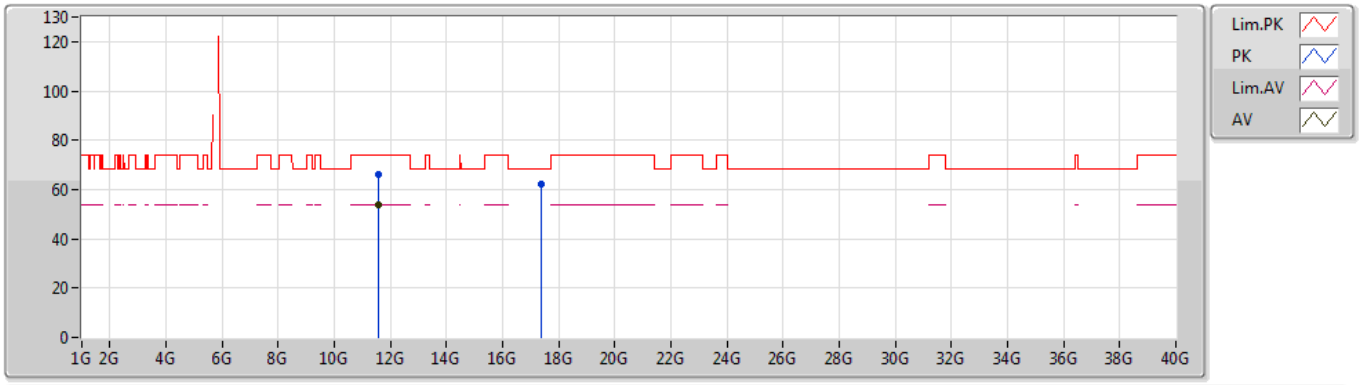
EUT Z_2TX_ANT 180
Setting 168
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.619G	59.15	68.20	-9.05	6.13	3	Horizontal	94	2.12	-	53.02
PK	5.788G	117.31	Inf	-Inf	5.80	3	Horizontal	94	2.12	-	111.51
AV	5.789G	107.32	Inf	-Inf	5.79	3	Horizontal	94	2.12	-	101.53
PK	5.931G	60.90	68.20	-7.30	6.16	3	Horizontal	94	2.12	-	54.74

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

04/11/2019



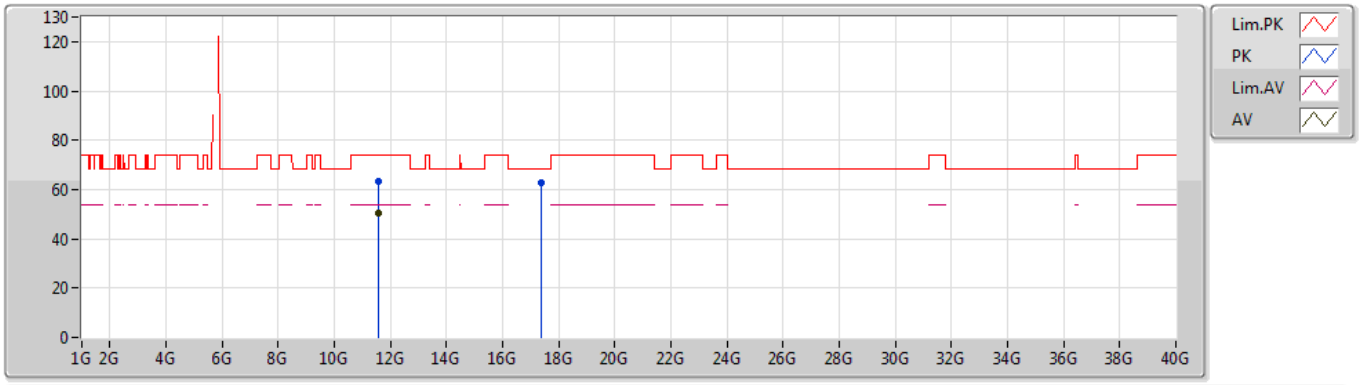
EUT Z_2TX_ANT 180
Setting 168
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.57336G	66.31	74.00	-7.69	13.04	3	Vertical	288	2.21	-	53.27
AV	11.56904G	53.83	54.00	-0.17	13.04	3	Vertical	288	2.21	-	40.79
PK	17.35536G	62.46	68.20	-5.74	17.95	3	Vertical	288	2.39	-	44.51

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

04/11/2019



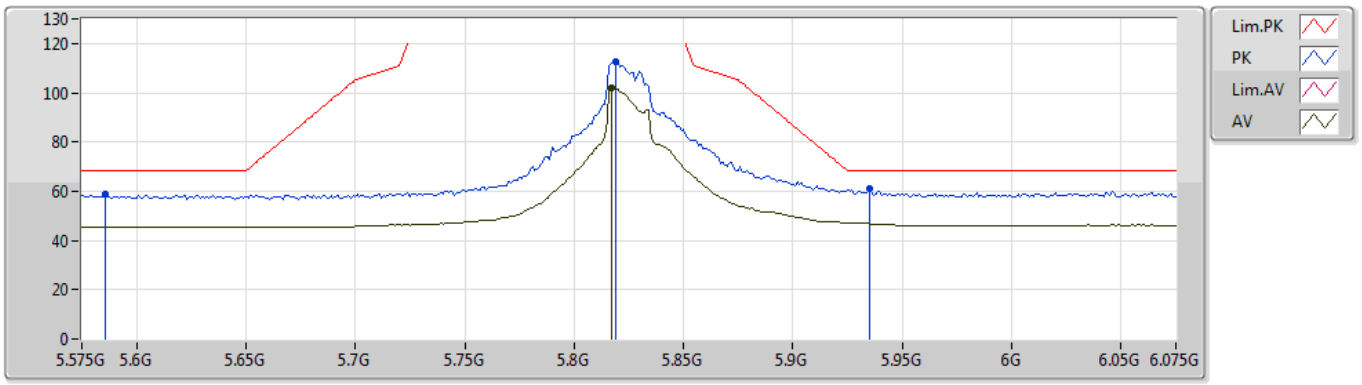
EUT Z_2TX_ANT 180
Setting 168
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.56664G	63.57	74.00	-10.43	13.04	3	Horizontal	172	2.79	-	50.53
AV	11.57096G	50.60	54.00	-3.40	13.04	3	Horizontal	172	2.79	-	37.56
PK	17.36388G	62.59	68.20	-5.61	18.00	3	Horizontal	114	2.20	-	44.59

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

01/11/2019



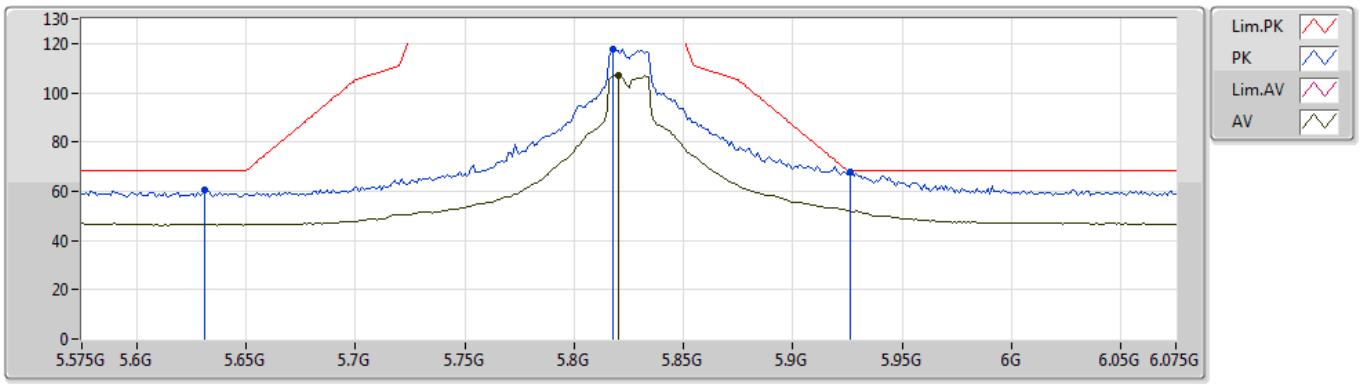
EUT Z_2TX_ANT 180
Setting 141
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.586G	58.65	68.20	-9.55	6.16	3	Vertical	171	2.82	-	52.49
PK	5.819G	112.47	Inf	-Inf	5.84	3	Vertical	171	2.82	-	106.63
AV	5.817G	102.24	Inf	-Inf	5.82	3	Vertical	171	2.82	-	96.42
PK	5.935G	61.15	68.20	-7.05	6.18	3	Vertical	171	2.82	-	54.97

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

01/11/2019



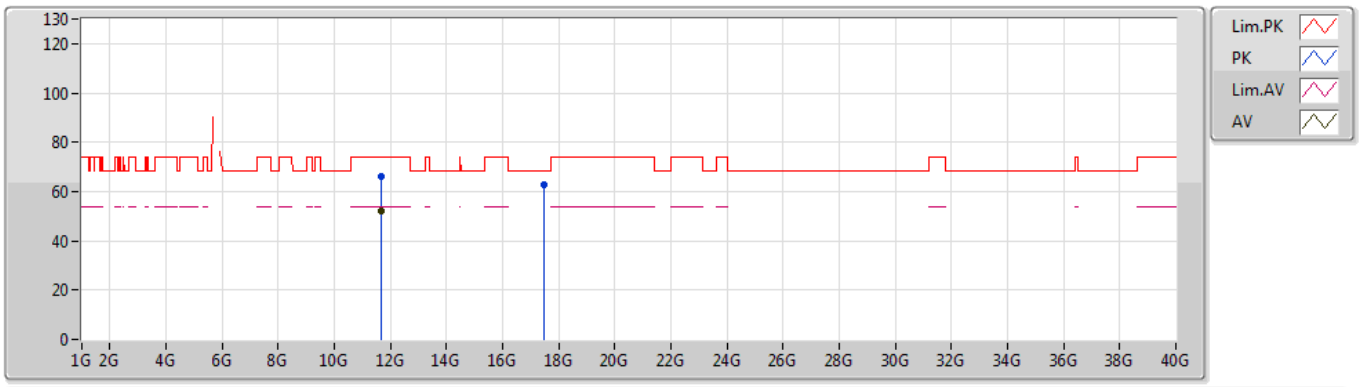
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Setting 141
03-C-4-10
FSP(100019)

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	60.70	68.20	-7.50	6.10	3	Horizontal	262	2.09	-	54.60
PK	5.818G	117.56	Inf	-Inf	5.83	3	Horizontal	262	2.09	-	111.73
AV	5.82G	107.02	Inf	-Inf	5.84	3	Horizontal	262	2.09	-	101.18
PK	5.926G	68.01	68.20	-0.19	6.15	3	Horizontal	262	2.09	-	61.86

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

01/11/2019



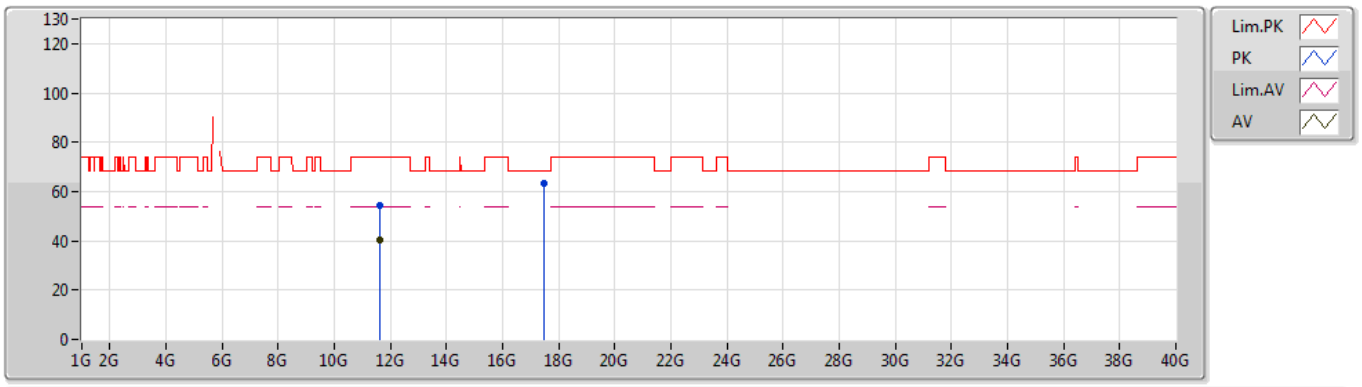
EUT Z_2TX_ANT 180
Setting 141
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.65264G	65.90	74.00	-8.10	13.09	3	Vertical	211	1.70	-	52.81
AV	11.65456G	52.13	54.00	-1.87	13.09	3	Vertical	211	1.70	-	39.04
PK	17.4684G	63.02	68.20	-5.18	18.53	3	Vertical	85	1.69	-	44.49

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

01/11/2019



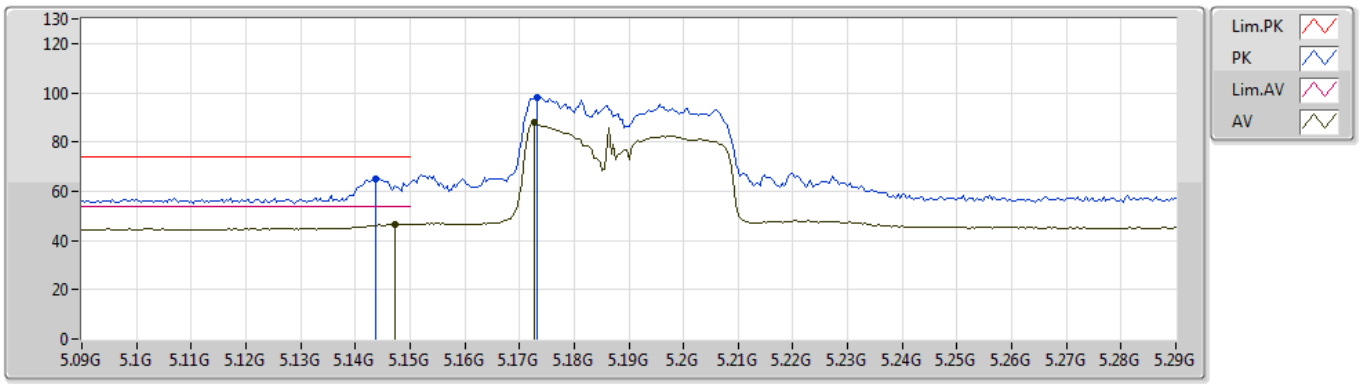
EUT Z_2TX_ANT 180
Setting 141
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.6422G	54.11	74.00	-19.89	13.08	3	Horizontal	334	2.93	-	41.03
AV	11.62624G	40.58	54.00	-13.42	13.07	3	Horizontal	334	2.93	-	27.51
PK	17.49048G	63.19	68.20	-5.01	18.64	3	Horizontal	247	1.10	-	44.55

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

01/11/2019



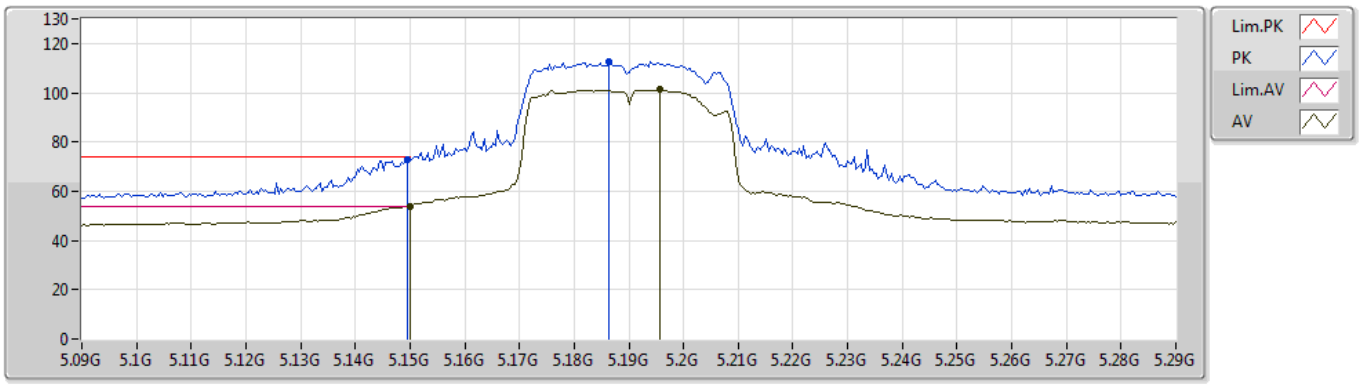
EUT Z_2TX_ANT 180
Setting 38
03-C-4-10
FSP(100019)

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	65.15	74.00	-8.85	5.48	3	Vertical	15	2.69	-	59.67
AV	5.1472G	46.70	54.00	-7.30	5.50	3	Vertical	15	2.69	-	41.20
PK	5.1732G	98.07	Inf	-Inf	5.56	3	Vertical	15	2.69	-	92.51
AV	5.1728G	87.70	Inf	-Inf	5.56	3	Vertical	15	2.69	-	82.14

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

01/11/2019



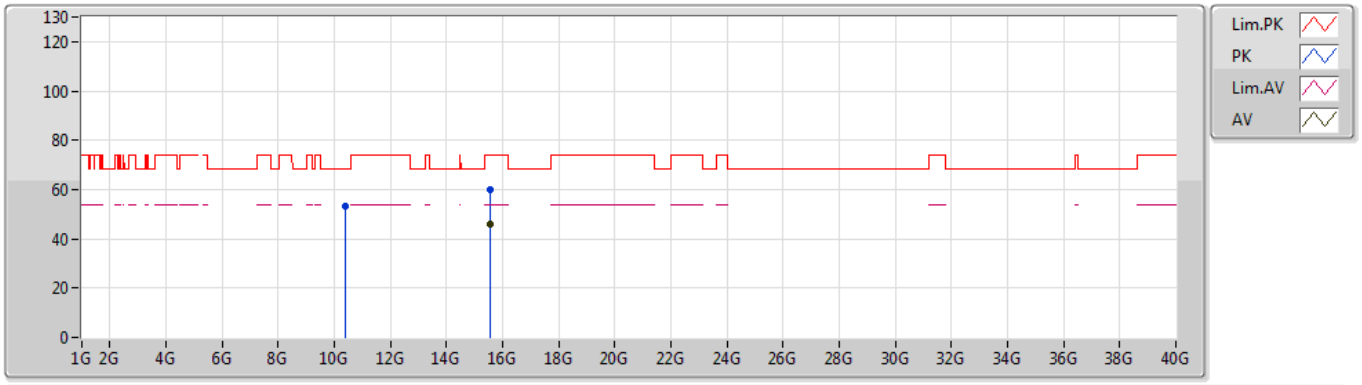
EUT Z_2TX_ANT 180
Setting 38
03-C-4-10
FSP(100019)

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	72.99	74.00	-1.01	5.50	3	Horizontal	87	2.24	-	67.49
AV	5.15G	53.83	54.00	-0.17	5.50	3	Horizontal	87	2.24	-	48.33
PK	5.1864G	112.37	Inf	-Inf	5.60	3	Horizontal	87	2.24	-	106.77
AV	5.1956G	101.18	Inf	-Inf	5.63	3	Horizontal	87	2.24	-	95.55

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

01/11/2019



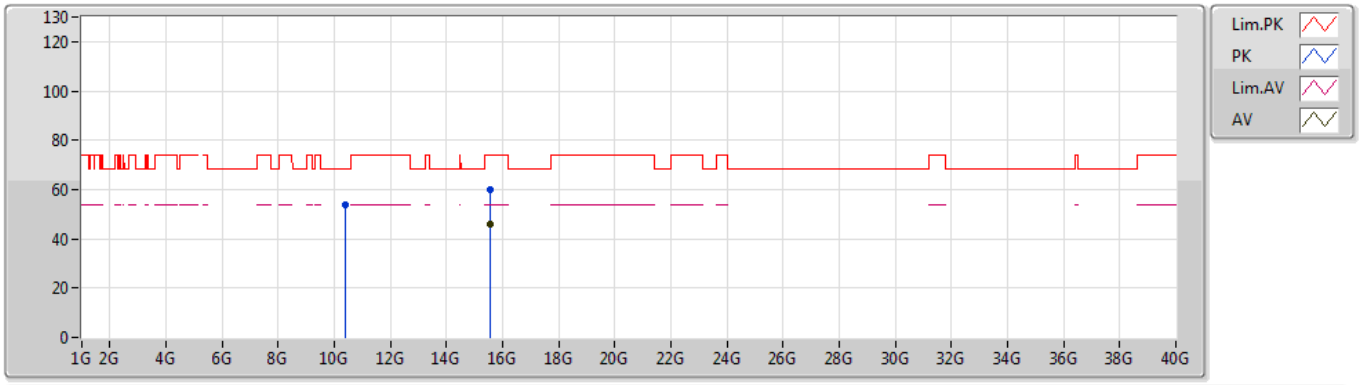
EUT Z_2TX_ANT 180
Setting 38
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.37908G	53.37	68.20	-14.83	12.21	3	Vertical	109	2.17	-	41.16
PK	15.57724G	59.82	74.00	-14.18	14.27	3	Vertical	313	1.58	-	45.55
AV	15.5796G	45.91	54.00	-8.09	14.26	3	Vertical	313	1.58	-	31.65

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

01/11/2019



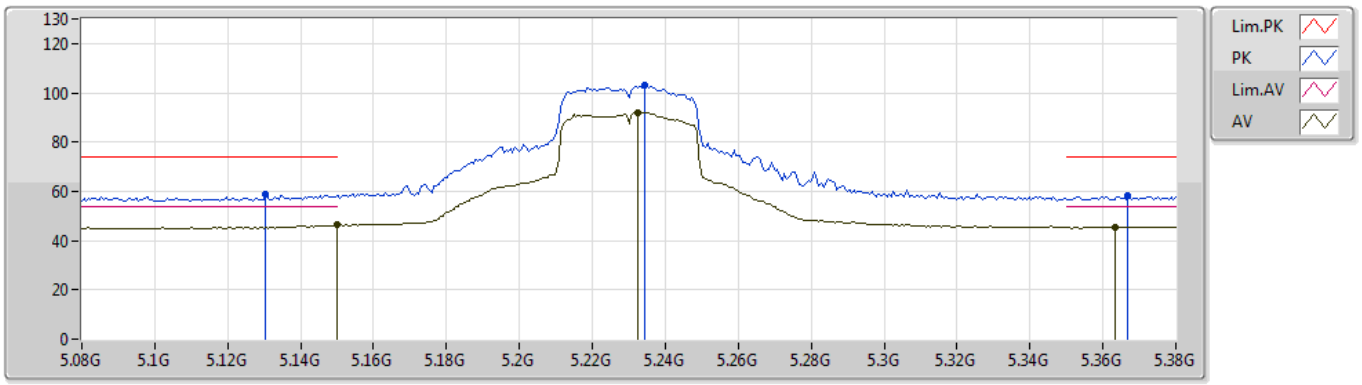
EUT Z_2TX_ANT 180
Setting 38
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.3752G	53.88	68.20	-14.32	12.21	3	Horizontal	20	1.31	-	41.67
PK	15.57536G	59.91	74.00	-14.09	14.26	3	Horizontal	75	2.16	-	45.65
AV	15.56828G	45.89	54.00	-8.11	14.30	3	Horizontal	75	2.16	-	31.59

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

04/11/2019



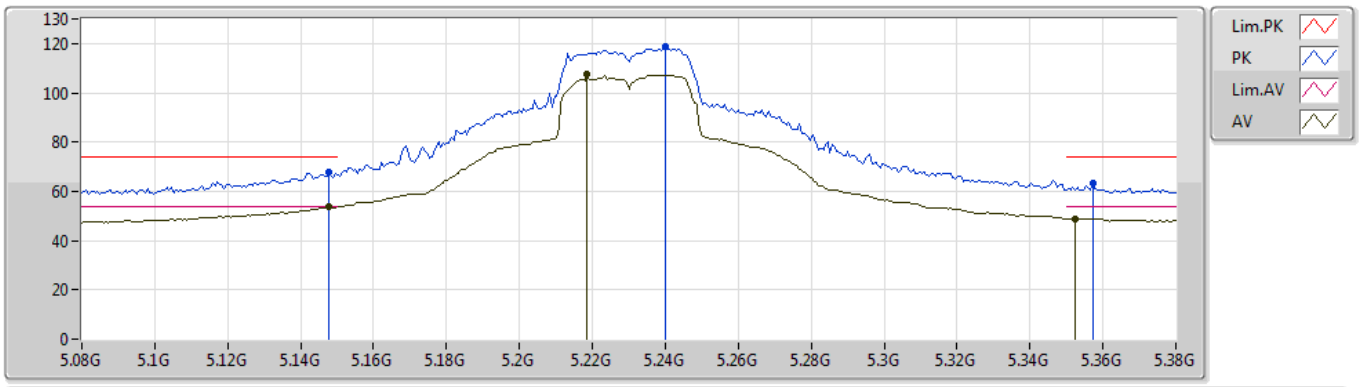
EUT Z_2TX_ANT 180
Setting 126
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1304G	58.80	74.00	-15.20	5.45	3	Vertical	25	2.45	-	53.35
AV	5.15G	46.36	54.00	-7.64	5.50	3	Vertical	25	2.45	-	40.86
PK	5.2342G	102.99	Inf	-Inf	5.69	3	Vertical	25	2.45	-	97.30
AV	5.2324G	91.98	Inf	-Inf	5.68	3	Vertical	25	2.45	-	86.30
PK	5.3668G	58.42	74.00	-15.58	5.82	3	Vertical	25	2.45	-	52.60
AV	5.3632G	45.56	54.00	-8.44	5.81	3	Vertical	25	2.45	-	39.75

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

04/11/2019



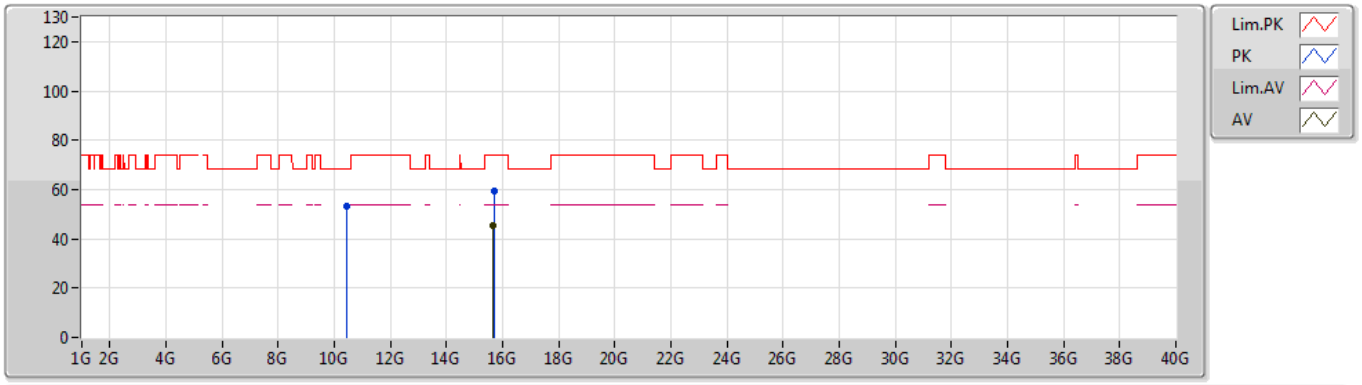
EUT Z_2TX_ANT 180
Setting 126
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1478G	67.70	74.00	-6.30	5.50	3	Horizontal	277	2.42	-	62.20
AV	5.1476G	53.82	54.00	-0.18	5.50	3	Horizontal	277	2.42	-	48.32
PK	5.2402G	118.69	Inf	-Inf	5.70	3	Horizontal	277	2.42	-	112.99
AV	5.2186G	107.42	Inf	-Inf	5.67	3	Horizontal	277	2.42	-	101.75
PK	5.3572G	63.07	74.00	-10.93	5.82	3	Horizontal	277	2.42	-	57.25
AV	5.3524G	48.93	54.00	-5.07	5.81	3	Horizontal	277	2.42	-	43.12

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

04/11/2019



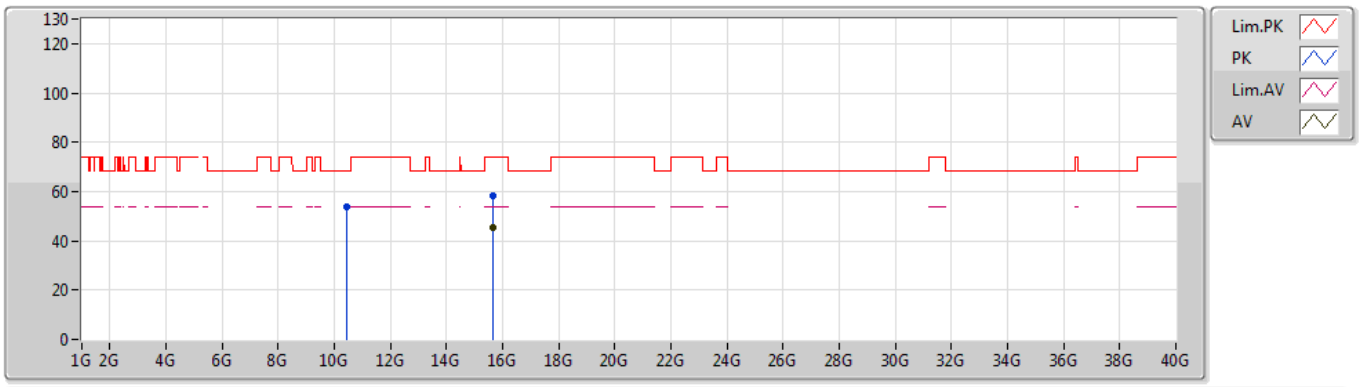
EUT Z_2TX_ANT 180
Setting 126
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.4537G	53.14	68.20	-15.06	12.27	3	Vertical	303	1.82	-	40.87
PK	15.684G	59.26	74.00	-14.74	13.89	3	Vertical	112	2.53	-	45.37
AV	15.67584G	45.32	54.00	-8.68	13.90	3	Vertical	112	2.53	-	31.42

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

04/11/2019



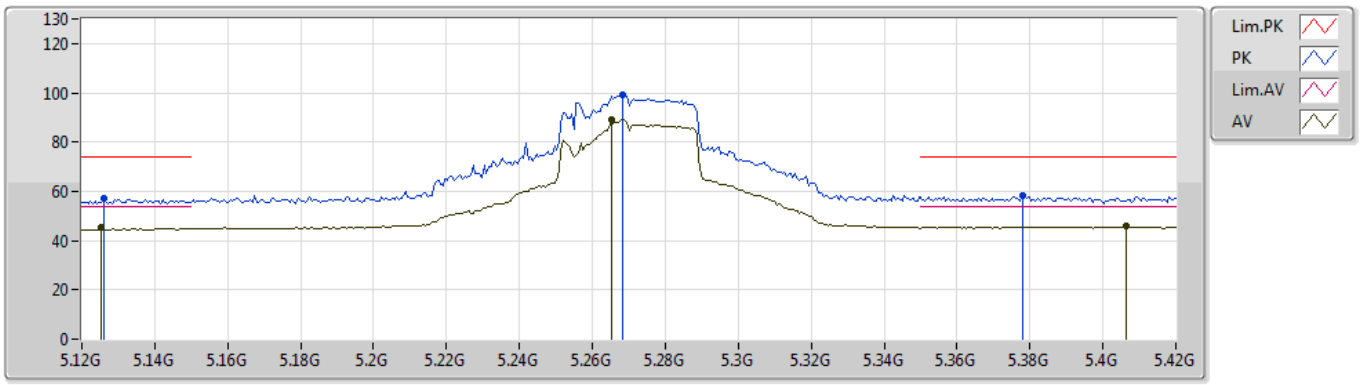
EUT Z_2TX_ANT 180
Setting 126
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.4498G	53.74	68.20	-14.46	12.27	3	Horizontal	179	1.35	-	41.47
PK	15.67692G	58.23	74.00	-15.77	13.90	3	Horizontal	175	2.20	-	44.33
AV	15.6774G	45.16	54.00	-8.84	13.90	3	Horizontal	175	2.20	-	31.26

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5270MHz_TX

01/11/2019



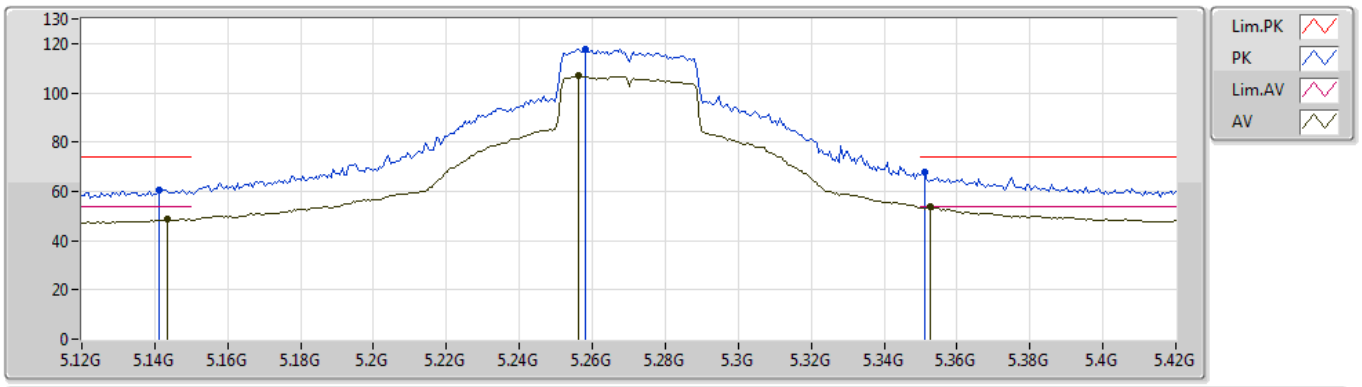
EUT Z_2TX_ANT 180
Setting 141
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.126G	57.19	74.00	-16.81	5.44	3	Vertical	29	1.79	-	51.75
AV	5.1254G	45.24	54.00	-8.76	5.44	3	Vertical	29	1.79	-	39.80
PK	5.2682G	99.13	Inf	-Inf	5.75	3	Vertical	29	1.79	-	93.38
AV	5.2652G	89.34	Inf	-Inf	5.74	3	Vertical	29	1.79	-	83.60
PK	5.378G	58.48	74.00	-15.52	5.83	3	Vertical	29	1.79	-	52.65
AV	5.4062G	45.68	54.00	-8.32	5.86	3	Vertical	29	1.79	-	39.82

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5270MHz_TX

01/11/2019



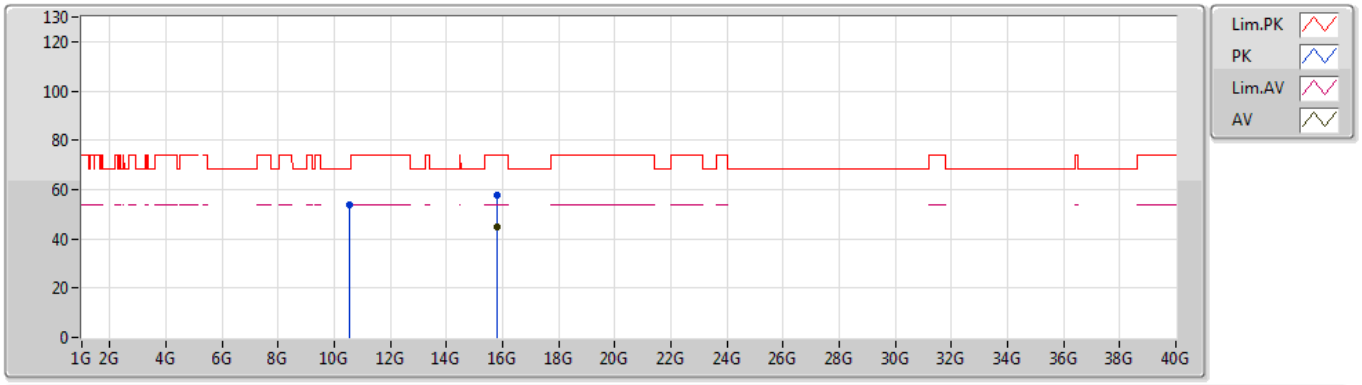
EUT Z_2TX_ANT 180
Setting 141
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.141G	60.50	74.00	-13.50	5.48	3	Horizontal	273	2.29	-	55.02
AV	5.1434G	48.61	54.00	-5.39	5.48	3	Horizontal	273	2.29	-	43.13
PK	5.258G	117.65	Inf	-Inf	5.73	3	Horizontal	273	2.29	-	111.92
AV	5.2562G	107.10	Inf	-Inf	5.72	3	Horizontal	273	2.29	-	101.38
PK	5.351G	67.63	74.00	-6.37	5.81	3	Horizontal	273	2.29	-	61.82
AV	5.3528G	53.77	54.00	-0.23	5.81	3	Horizontal	273	2.29	-	47.96

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5270MHz_TX

01/11/2019



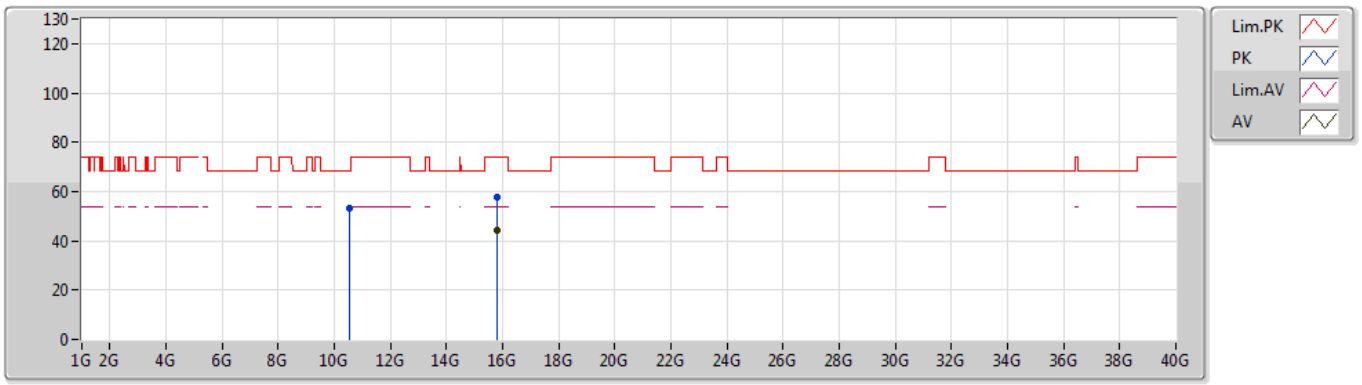
EUT Z_2TX_ANT 180
Setting 141
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.5253G	53.82	68.20	-14.38	12.34	3	Vertical	38	2.40	-	41.48
PK	15.81036G	57.76	74.00	-16.24	13.43	3	Vertical	325	1.47	-	44.33
AV	15.81048G	44.76	54.00	-9.24	13.43	3	Vertical	325	1.47	-	31.33

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5270MHz_TX

01/11/2019



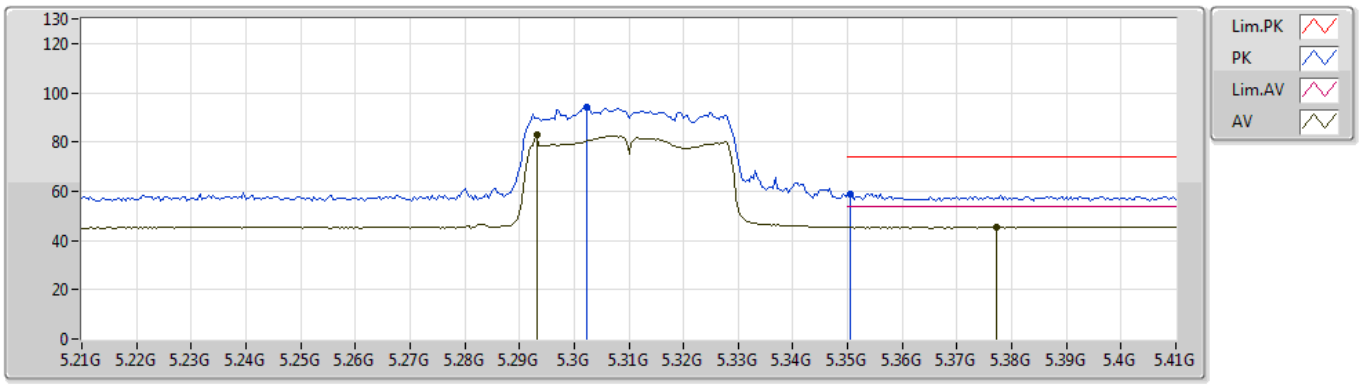
EUT Z_2TX_ANT 180
Setting 141
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.525G	53.30	68.20	-14.90	12.34	3	Horizontal	69	2.90	-	40.96
PK	15.80376G	57.73	74.00	-16.27	13.45	3	Horizontal	180	2.37	-	44.28
AV	15.80358G	44.50	54.00	-9.50	13.45	3	Horizontal	180	2.37	-	31.05

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5310MHz_TX

04/11/2019



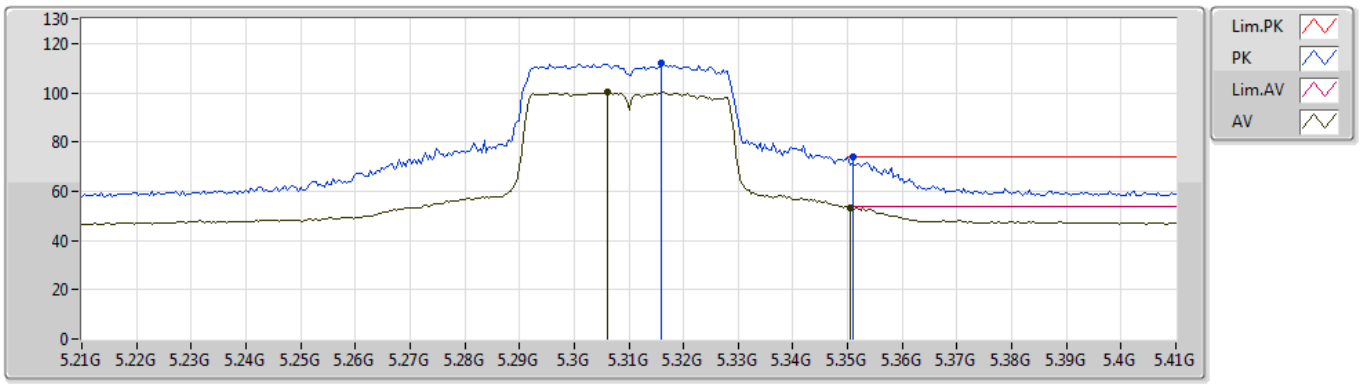
EUT Z_2TX_ANT 180
Setting 38
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3024G	94.22	Inf	-Inf	5.79	3	Vertical	331	2.98	-	88.43
AV	5.2932G	82.76	Inf	-Inf	5.78	3	Vertical	331	2.98	-	76.98
PK	5.3504G	59.06	74.00	-14.94	5.81	3	Vertical	331	2.98	-	53.25
AV	5.3772G	45.64	54.00	-8.36	5.83	3	Vertical	331	2.98	-	39.81

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5310MHz_TX

04/11/2019



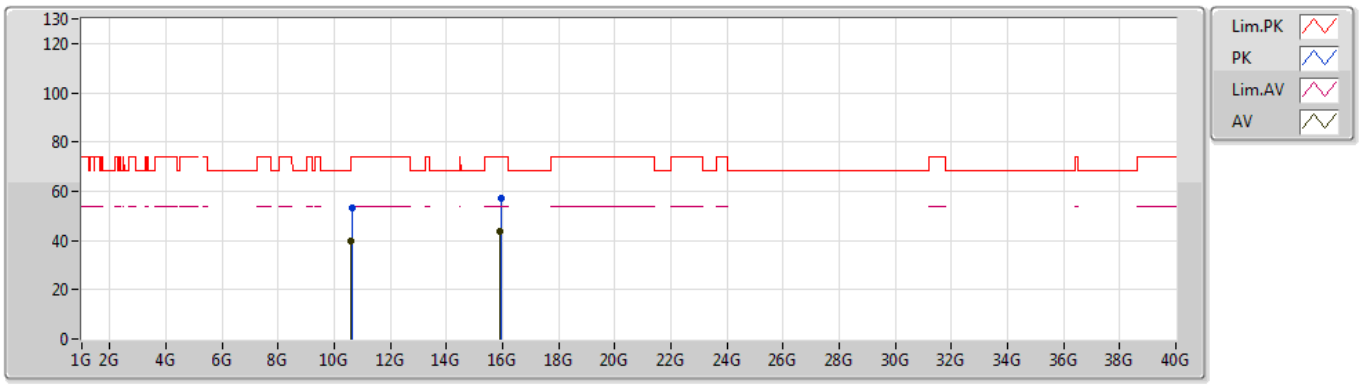
EUT Z_2TX_ANT 180
Setting 38
03-C-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.316G	111.95	Inf	-Inf	5.80	3	Horizontal	269	2.02	-	106.15
AV	5.306G	100.04	Inf	-Inf	5.80	3	Horizontal	269	2.02	-	94.24
PK	5.351G	73.97	74.00	-0.03	5.81	3	Horizontal	269	2.02	-	68.16
AV	5.3504G	53.24	54.00	-0.76	5.81	3	Horizontal	269	2.02	-	47.43

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5310MHz_TX

04/11/2019



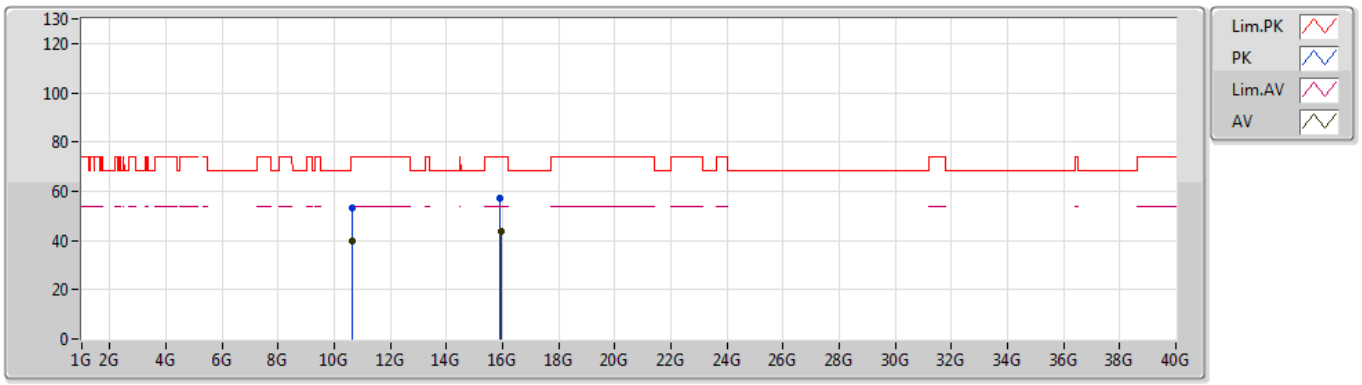
EUT Z_2TX_ANT 180
Setting 38
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.62632G	53.13	74.00	-20.87	12.43	3	Vertical	166	2.22	-	40.70
AV	10.61284G	39.74	54.00	-14.26	12.41	3	Vertical	166	2.22	-	27.33
PK	15.93896G	57.43	74.00	-16.57	12.96	3	Vertical	61	2.01	-	44.47
AV	15.92036G	43.85	54.00	-10.15	13.03	3	Vertical	61	2.01	-	30.82

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5310MHz_TX

04/11/2019



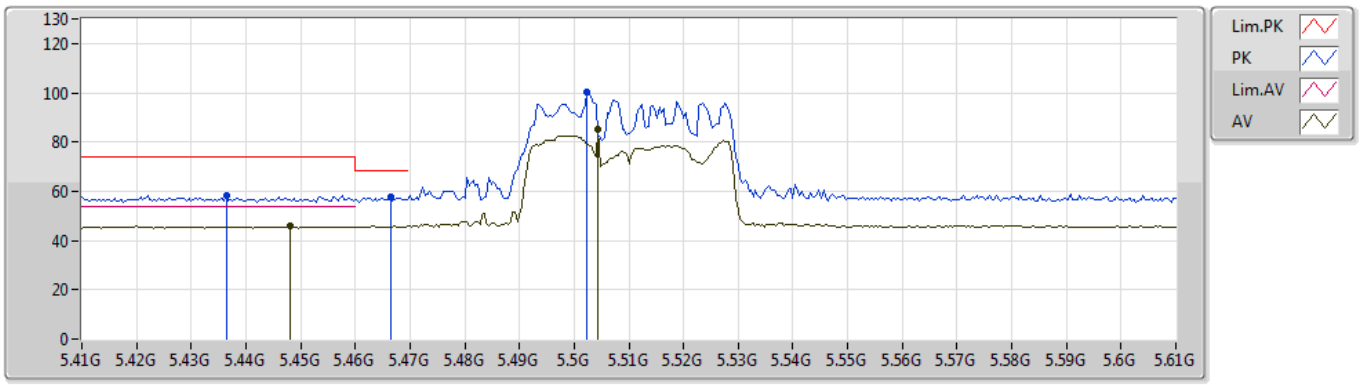
EUT Z_2TX_ANT 180
Setting 38
03-C-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.6256G	53.18	74.00	-20.82	12.43	3	Horizontal	278	1.97	-	40.75
AV	10.62416G	39.72	54.00	-14.28	12.41	3	Horizontal	278	1.97	-	27.31
PK	15.92584G	57.38	74.00	-16.62	13.00	3	Horizontal	53	2.55	-	44.38
AV	15.9368G	43.87	54.00	-10.13	12.97	3	Horizontal	53	2.55	-	30.90

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5510MHz_TX

01/11/2019



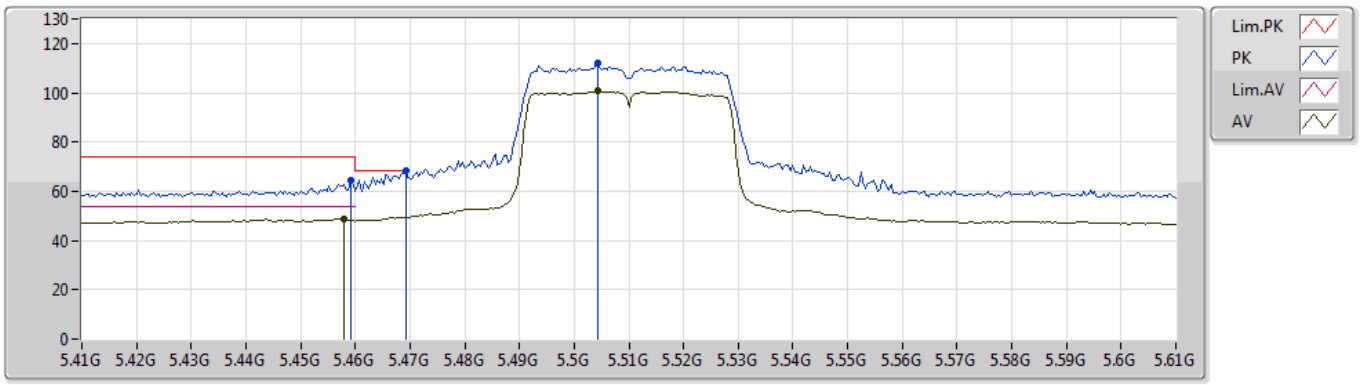
EUT Z_2TX_ANT 180
Setting 25
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4364G	58.39	74.00	-15.61	5.95	3	Vertical	3	2.90	-	52.44
AV	5.448G	45.72	54.00	-8.28	5.98	3	Vertical	3	2.90	-	39.74
PK	5.4664G	57.64	68.20	-10.56	6.03	3	Vertical	3	2.90	-	51.61
PK	5.5024G	100.17	Inf	-Inf	6.12	3	Vertical	3	2.90	-	94.05
AV	5.5044G	85.40	Inf	-Inf	6.13	3	Vertical	3	2.90	-	79.27

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5510MHz_TX

01/11/2019



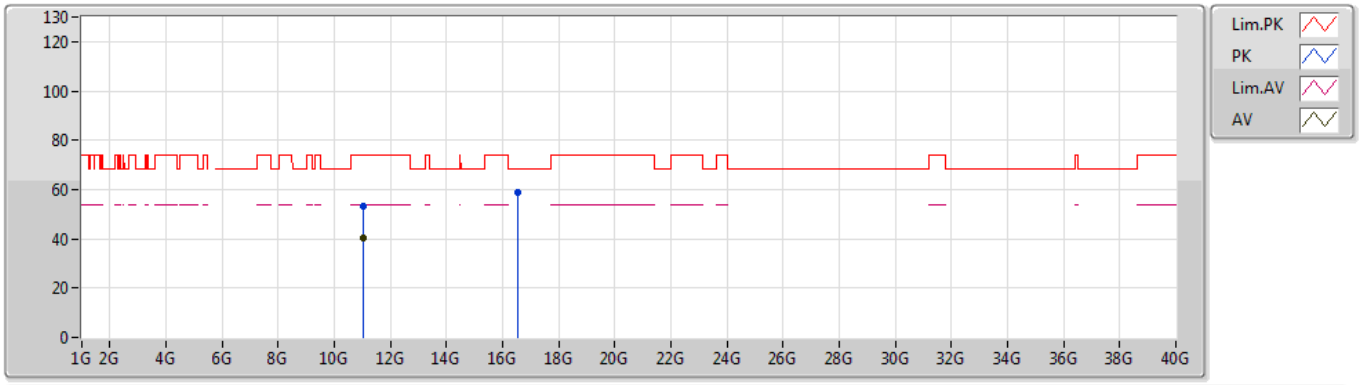
EUT Z_2TX_ANT 180
Setting 25
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4592G	64.66	74.00	-9.34	6.01	3	Horizontal	95	2.24	-	58.65
AV	5.458G	48.88	54.00	-5.12	6.00	3	Horizontal	95	2.24	-	42.88
PK	5.4692G	68.13	68.20	-0.07	6.03	3	Horizontal	95	2.24	-	62.10
PK	5.5044G	111.97	Inf	-Inf	6.13	3	Horizontal	95	2.24	-	105.84
AV	5.5044G	100.62	Inf	-Inf	6.13	3	Horizontal	95	2.24	-	94.49

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5510MHz_TX

01/11/2019



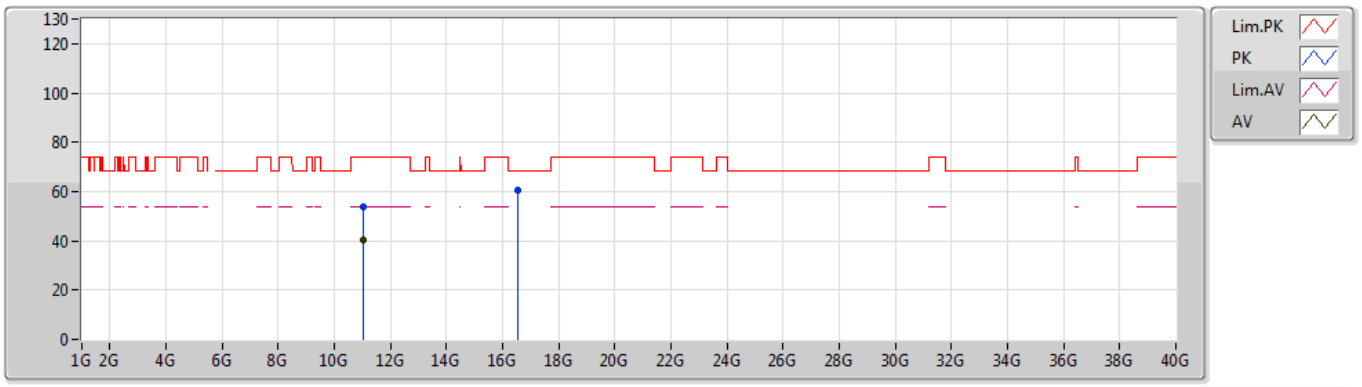
EUT Z_2TX_ANT 180
Setting 25
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.00854G	53.40	74.00	-20.60	12.75	3	Vertical	235	2.74	-	40.65
AV	11.02558G	40.44	54.00	-13.56	12.76	3	Vertical	235	2.74	-	27.68
PK	16.5363G	59.09	68.20	-9.11	14.56	3	Vertical	311	1.19	-	44.53

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5510MHz_TX

01/11/2019



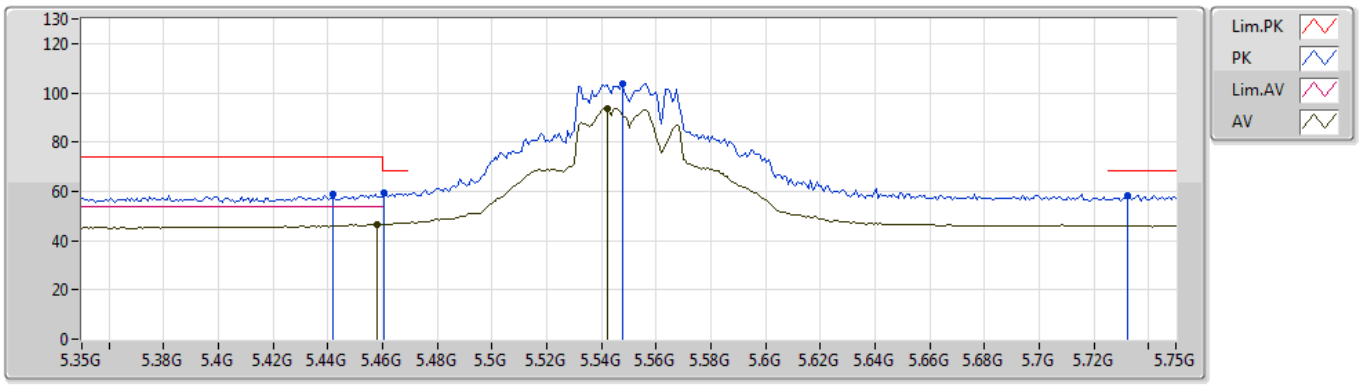
EUT Z_2TX_ANT 180
Setting 25
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.03296G	53.66	74.00	-20.34	12.75	3	Horizontal	258	2.43	-	40.91
AV	11.0344G	40.45	54.00	-13.55	12.75	3	Horizontal	258	2.43	-	27.70
PK	16.5447G	60.57	68.20	-7.63	14.59	3	Horizontal	109	3.00	-	45.98

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5550MHz_TX

04/11/2019



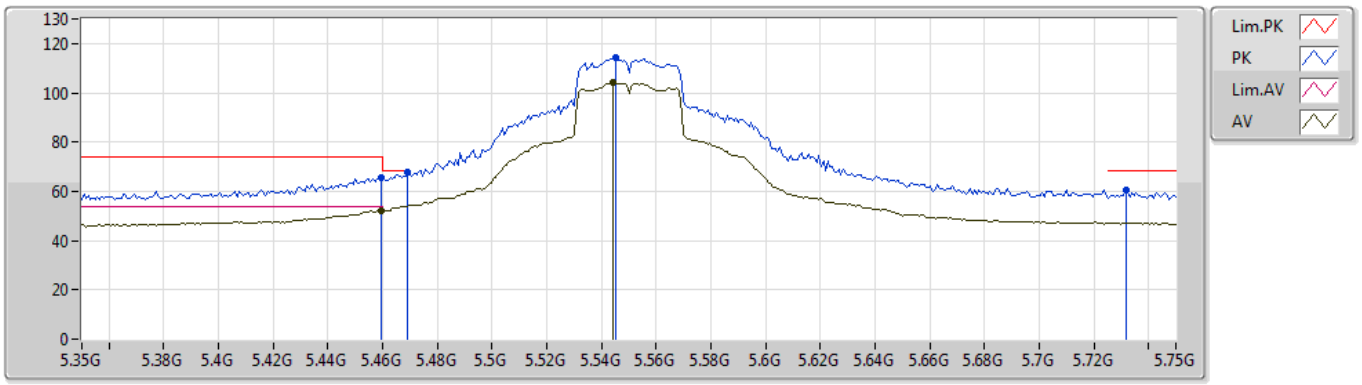
EUT Z_2TX_ANT 180
Setting 150
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.442G	59.10	74.00	-14.90	5.96	3	Vertical	360	2.84	-	53.14
PK	5.4604G	59.36	68.20	-8.84	6.01	3	Vertical	360	2.84	-	53.35
AV	5.458G	46.53	54.00	-7.47	6.00	3	Vertical	360	2.84	-	40.53
PK	5.5476G	103.78	Inf	-Inf	6.15	3	Vertical	360	2.84	-	97.63
AV	5.542G	93.78	Inf	-Inf	6.15	3	Vertical	360	2.84	-	87.63
PK	5.7324G	58.44	68.20	-9.76	5.88	3	Vertical	360	2.84	-	52.56

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5550MHz_TX

04/11/2019



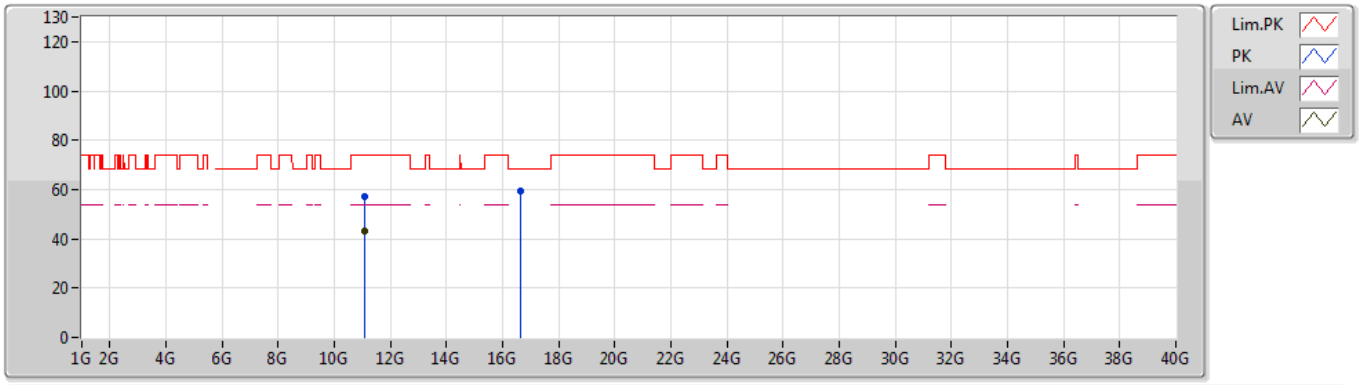
EUT Z_2TX_ANT 180
Setting 150
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4596G	65.53	74.00	-8.47	6.01	3	Horizontal	276	2.26	-	59.52
AV	5.4596G	52.07	54.00	-1.93	6.01	3	Horizontal	276	2.26	-	46.06
PK	5.4692G	67.82	68.20	-0.38	6.03	3	Horizontal	276	2.26	-	61.79
PK	5.5452G	114.32	Inf	-Inf	6.14	3	Horizontal	276	2.26	-	108.18
AV	5.5444G	104.13	Inf	-Inf	6.15	3	Horizontal	276	2.26	-	97.98
PK	5.7316G	60.37	68.20	-7.83	5.88	3	Horizontal	276	2.26	-	54.49

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5550MHz_TX

04/11/2019



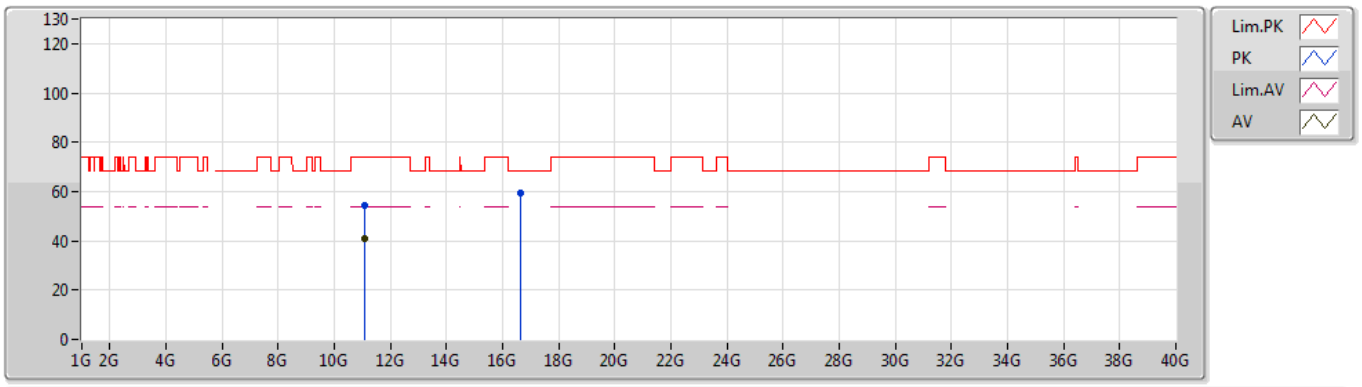
EUT Z_2TX_ANT 180
Setting 150
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.0943G	56.93	74.00	-17.07	12.79	3	Vertical	236	2.76	-	44.14
AV	11.10006G	43.31	54.00	-10.69	12.79	3	Vertical	236	2.76	-	30.52
PK	16.64904G	59.29	68.20	-8.91	14.95	3	Vertical	65	1.72	-	44.34

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5550MHz_TX

04/11/2019



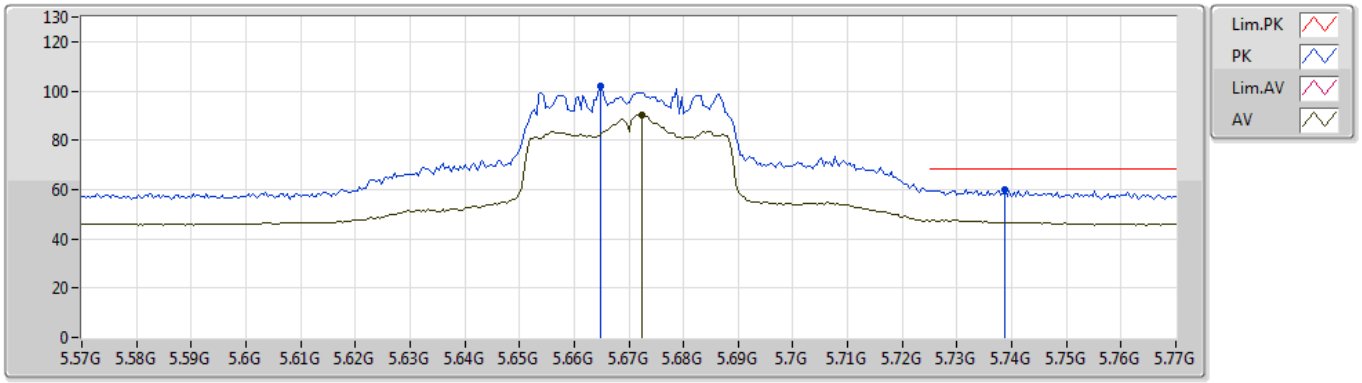
EUT Z_2TX_ANT 180
Setting 150
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.0997G	54.46	74.00	-19.54	12.79	3	Horizontal	350	2.40	-	41.67
AV	11.09928G	41.14	54.00	-12.86	12.79	3	Horizontal	350	2.40	-	28.35
PK	16.6395G	59.66	68.20	-8.54	14.91	3	Horizontal	267	1.15	-	44.75

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5670MHz_TX

04/11/2019



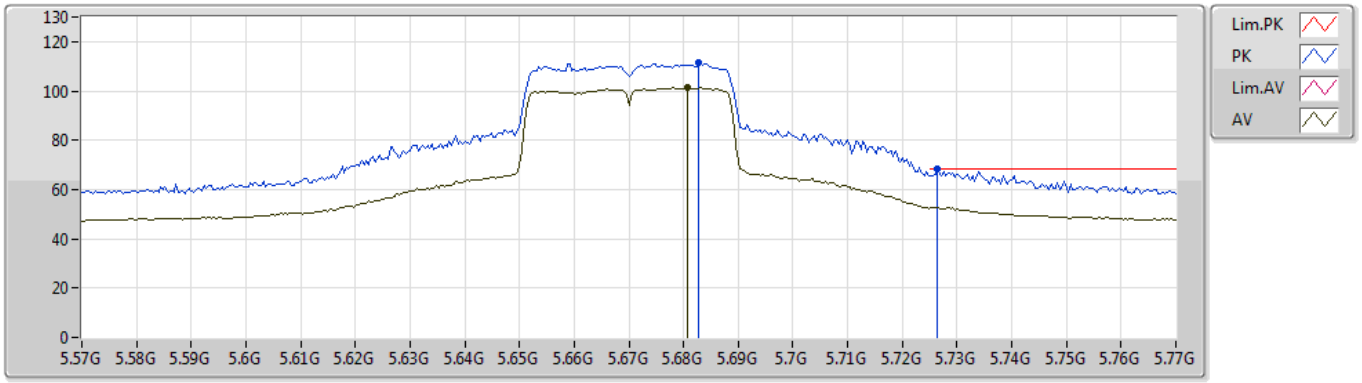
EUT Z_2TX_ANT 180
Setting 60
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.6648G	102.20	Inf	-Inf	6.02	3	Vertical	0	2.94	-	96.18
AV	5.6724G	90.35	Inf	-Inf	6.00	3	Vertical	0	2.94	-	84.35
PK	5.7388G	60.15	68.20	-8.05	5.87	3	Vertical	0	2.94	-	54.28

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5670MHz_TX

04/11/2019



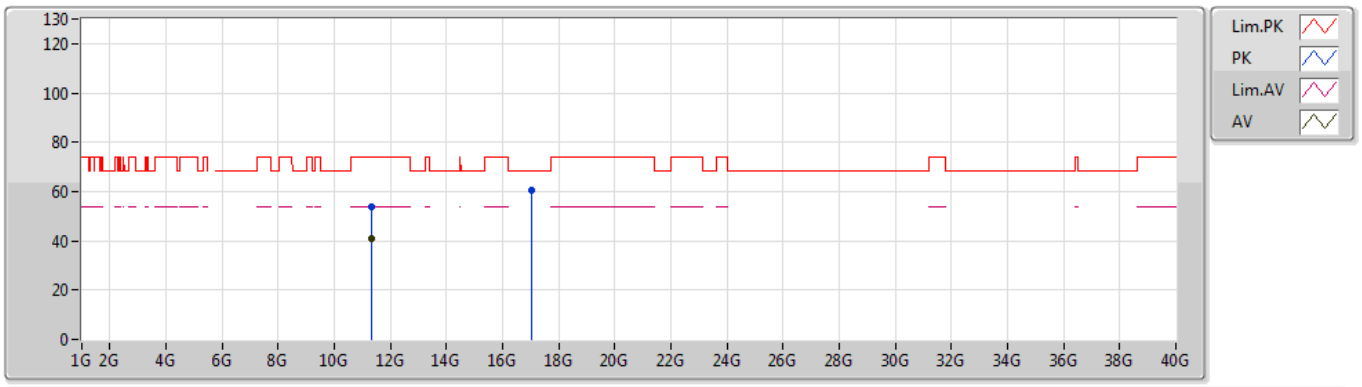
EUT Z_2TX_ANT 180
Setting 60
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.6828G	111.42	Inf	-Inf	5.97	3	Horizontal	85	2.44	-	105.45
AV	5.6808G	101.24	Inf	-Inf	5.97	3	Horizontal	85	2.44	-	95.27
PK	5.7264G	68.09	68.20	-0.11	5.89	3	Horizontal	85	2.44	-	62.20

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5670MHz_TX

04/11/2019



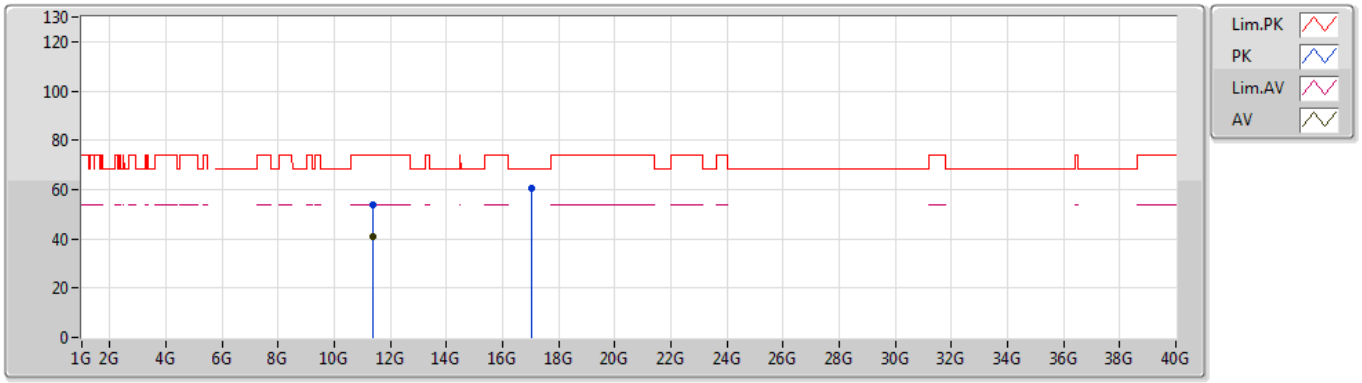
EUT Z_2TX_ANT 180
Setting 60
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.32842G	53.76	74.00	-20.24	12.92	3	Vertical	179	2.01	-	40.84
AV	11.3302G	40.87	54.00	-13.13	12.93	3	Vertical	179	2.01	-	27.94
PK	17.0127G	60.58	68.20	-7.62	16.19	3	Vertical	315	2.85	-	44.39

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5670MHz_TX

04/11/2019



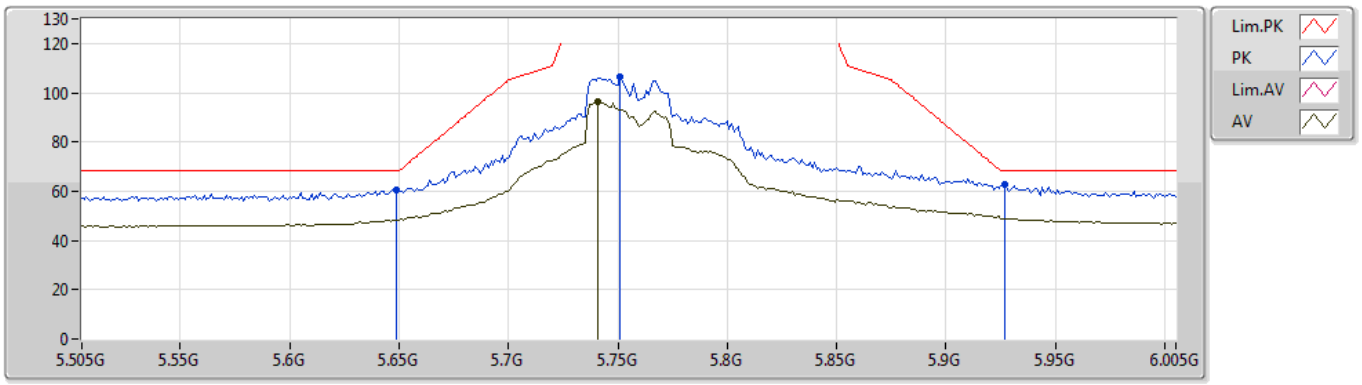
EUT Z_2TX_ANT 180
Setting 60
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.3544G	53.81	74.00	-20.19	12.93	3	Horizontal	4	2.38	-	40.88
AV	11.35422G	40.83	54.00	-13.17	12.93	3	Horizontal	4	2.38	-	27.90
PK	17.01306G	60.53	68.20	-7.67	16.20	3	Horizontal	287	1.51	-	44.33

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

04/11/2019



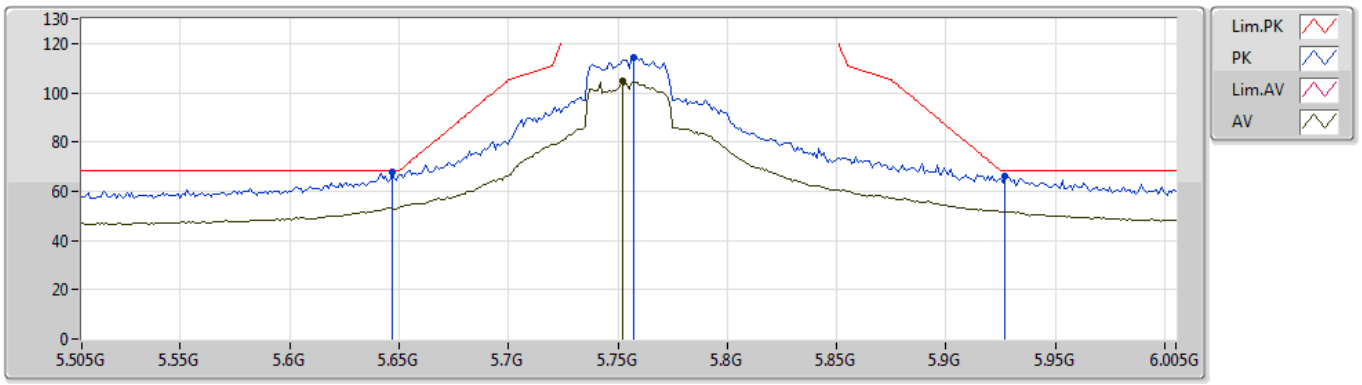
EUT Z_2TX_ANT 180
Setting 150
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.649G	60.78	68.20	-7.42	6.06	3	Vertical	351	2.94	-	54.72
PK	5.751G	106.21	Inf	-Inf	5.85	3	Vertical	351	2.94	-	100.36
AV	5.741G	96.15	Inf	-Inf	5.87	3	Vertical	351	2.94	-	90.28
PK	5.927G	62.55	68.20	-5.65	6.15	3	Vertical	351	2.94	-	56.40

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

04/11/2019



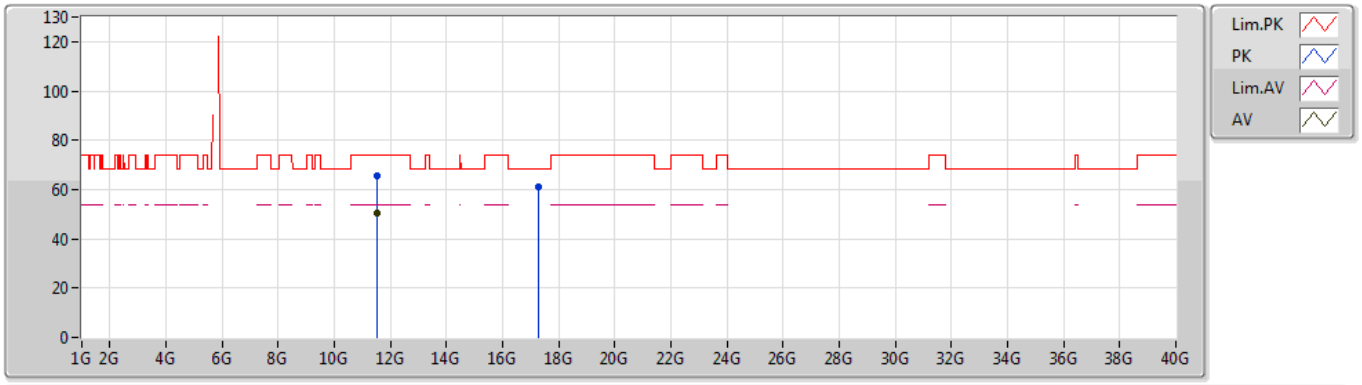
EUT Z_2TX_ANT 180
Setting 150
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.647G	67.77	68.20	-0.43	6.06	3	Horizontal	279	2.50	-	61.71
PK	5.757G	114.11	Inf	-Inf	5.85	3	Horizontal	279	2.50	-	108.26
AV	5.752G	104.99	Inf	-Inf	5.85	3	Horizontal	279	2.50	-	99.14
PK	5.927G	66.24	68.20	-1.96	6.15	3	Horizontal	279	2.50	-	60.09

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

04/11/2019



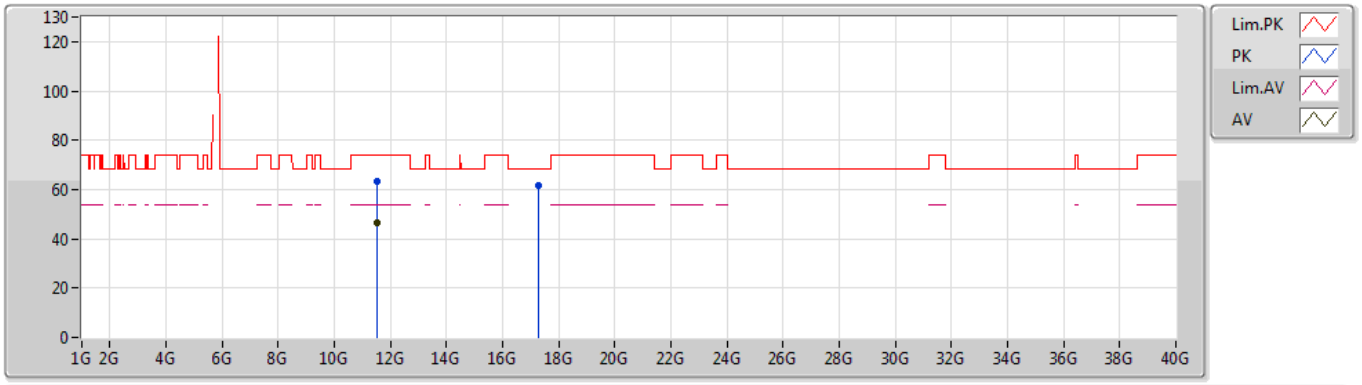
EUT Z_2TX_ANT 180
Setting 150
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.51006G	65.47	74.00	-8.53	13.01	3	Vertical	233	1.63	-	52.46
AV	11.51618G	50.52	54.00	-3.48	13.01	3	Vertical	233	1.63	-	37.51
PK	17.2548G	61.17	68.20	-7.03	17.43	3	Vertical	153	2.30	-	43.74

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

04/11/2019



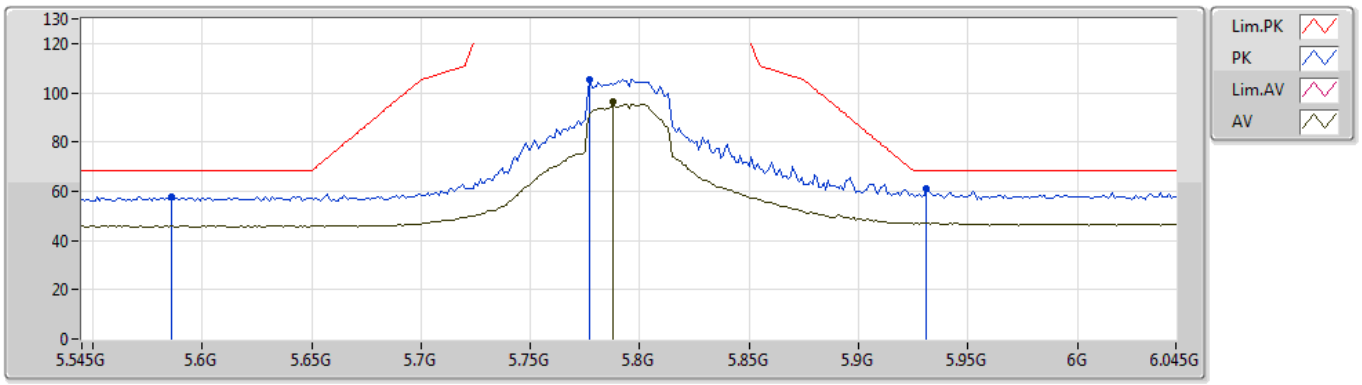
EUT Z_2TX_ANT 180
Setting 150
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.51G	63.53	74.00	-10.47	13.01	3	Horizontal	0	2.01	-	50.52
AV	11.51144G	46.45	54.00	-7.55	13.01	3	Horizontal	0	2.01	-	33.44
PK	17.27448G	61.57	68.20	-6.63	17.54	3	Horizontal	268	1.50	-	44.03

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

04/11/2019



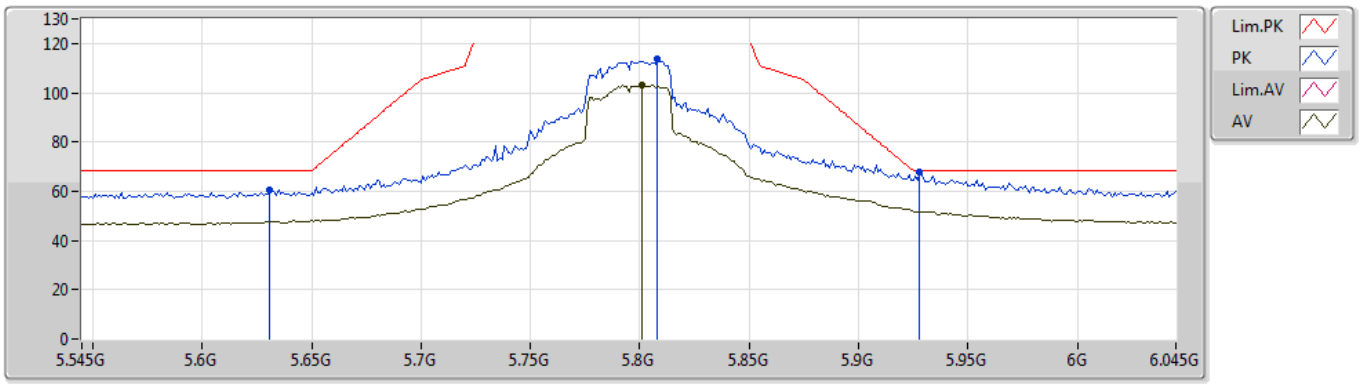
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Setting 126
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.586G	57.99	68.20	-10.21	6.16	3	Vertical	7	2.71	-	51.83
PK	5.777G	105.45	Inf	-Inf	5.81	3	Vertical	7	2.71	-	99.64
AV	5.788G	96.13	Inf	-Inf	5.80	3	Vertical	7	2.71	-	90.33
PK	5.931G	61.05	68.20	-7.15	6.16	3	Vertical	7	2.71	-	54.89

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

04/11/2019



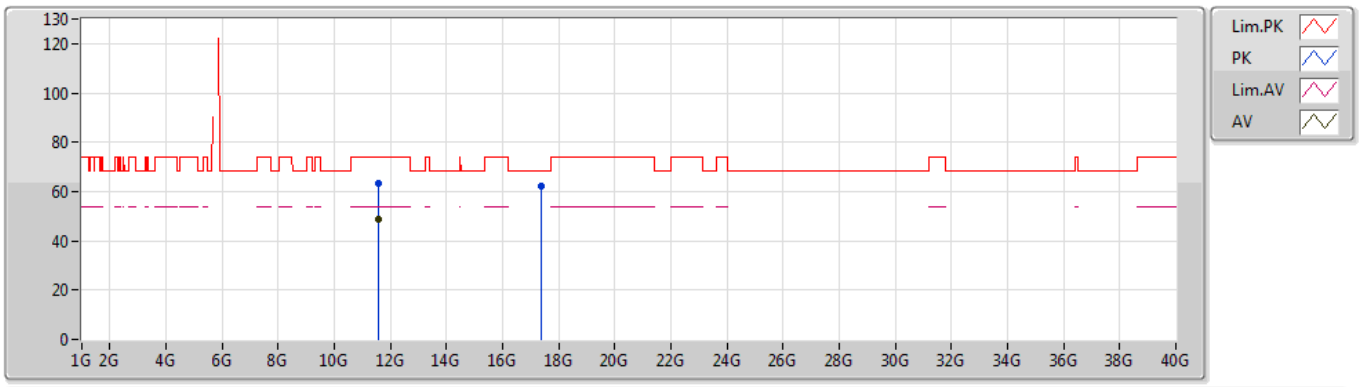
EUT Z_2TX_ANT 180
Setting 126
03-E-2-10
FSP(100019)

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	60.68	68.20	-7.52	6.10	3	Horizontal	276	2.44	-	54.58
PK	5.808G	113.65	Inf	-Inf	5.81	3	Horizontal	276	2.44	-	107.84
AV	5.801G	102.88	Inf	-Inf	5.78	3	Horizontal	276	2.44	-	97.10
PK	5.928G	67.71	68.20	-0.49	6.15	3	Horizontal	276	2.44	-	61.56

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

04/11/2019



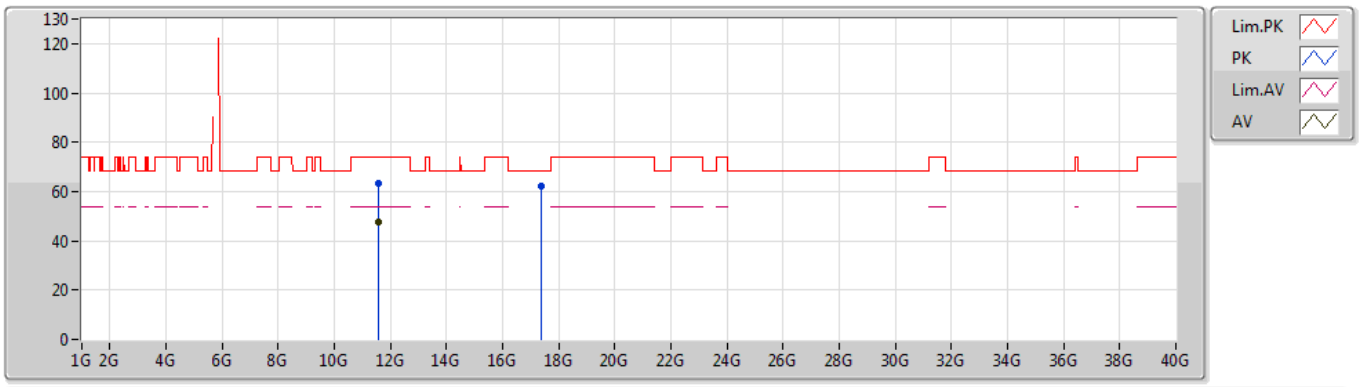
EUT Z_2TX_ANT 180
Setting 126
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.59012G	63.56	74.00	-10.44	13.05	3	Vertical	42	1.41	-	50.51
AV	11.59726G	48.90	54.00	-5.10	13.05	3	Vertical	42	1.41	-	35.85
PK	17.38194G	62.15	68.20	-6.05	18.08	3	Vertical	346	2.98	-	44.07

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

04/11/2019



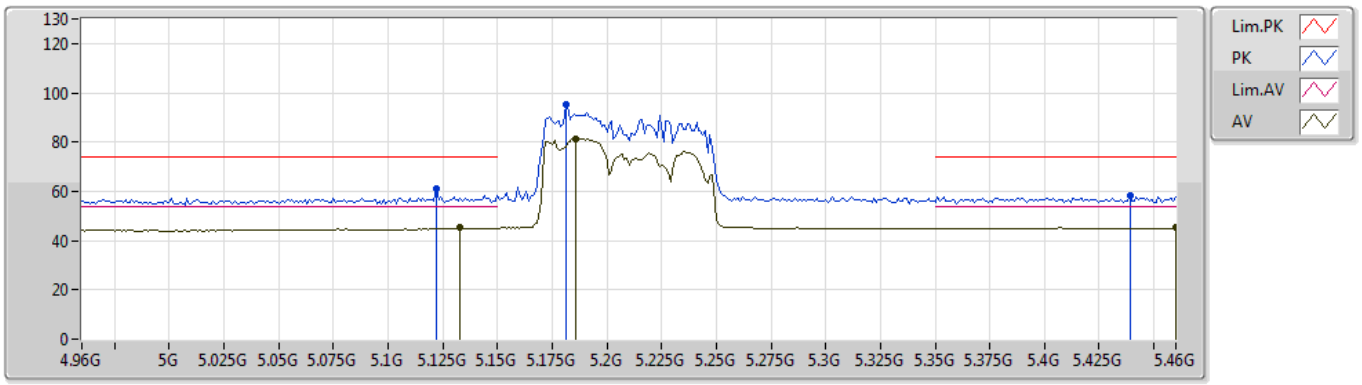
EUT Z_2TX_ANT 180
Setting 126
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.59G	63.12	74.00	-10.88	13.05	3	Horizontal	328	1.60	-	50.07
AV	11.5906G	47.90	54.00	-6.10	13.05	3	Horizontal	328	1.60	-	34.85
PK	17.39958G	62.32	68.20	-5.88	18.18	3	Horizontal	182	2.85	-	44.14

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

01/11/2019



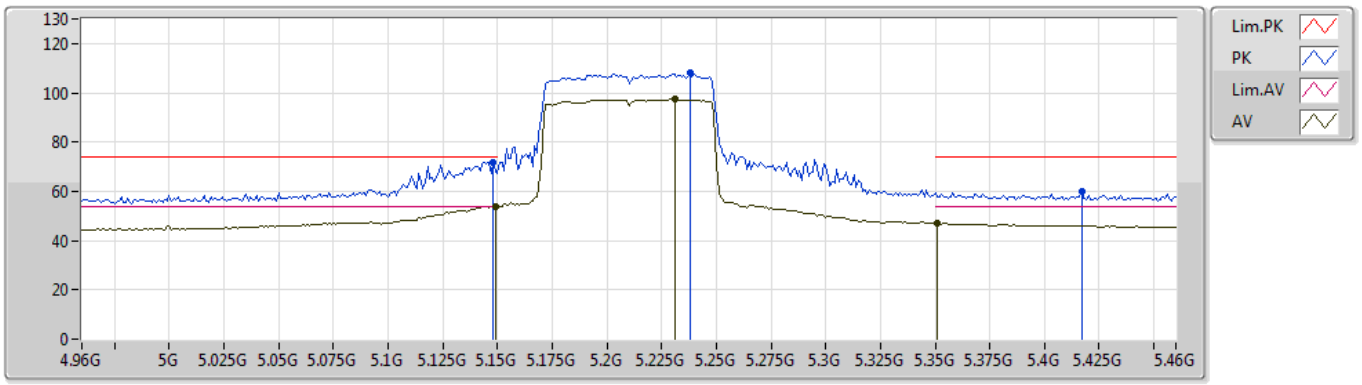
EUT Z_2TX_ANT 180
Setting 35
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.122G	61.01	74.00	-12.99	5.42	3	Vertical	227	1.03	-	55.59
AV	5.133G	45.26	54.00	-8.74	5.45	3	Vertical	227	1.03	-	39.81
PK	5.181G	95.03	Inf	-Inf	5.58	3	Vertical	227	1.03	-	89.45
AV	5.186G	81.40	Inf	-Inf	5.60	3	Vertical	227	1.03	-	75.80
PK	5.439G	58.06	74.00	-15.94	5.95	3	Vertical	227	1.03	-	52.11
AV	5.46G	45.16	54.00	-8.84	6.01	3	Vertical	227	1.03	-	39.15

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

01/11/2019



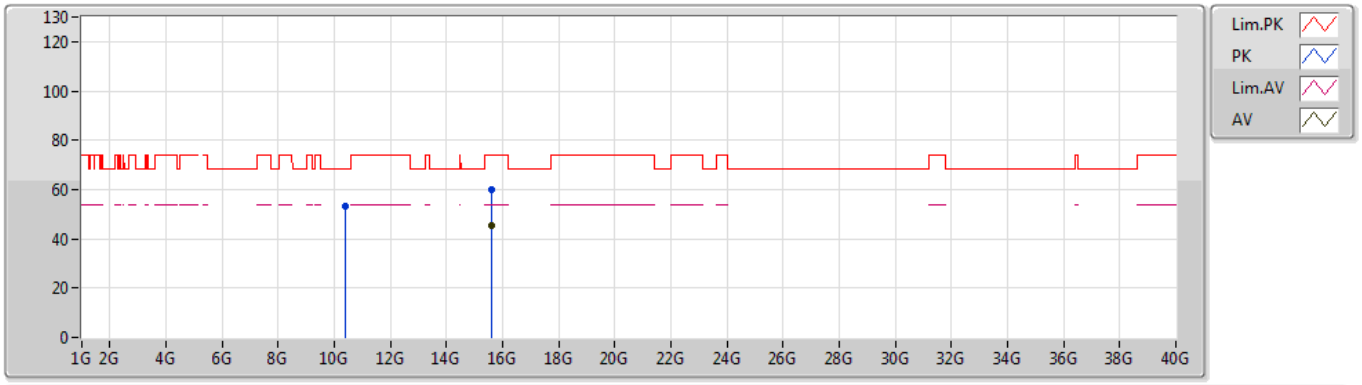
EUT Z_2TX_ANT 180
Setting 35
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.148G	71.97	74.00	-2.03	5.50	3	Horizontal	94	2.30	-	66.47
AV	5.149G	53.85	54.00	-0.15	5.50	3	Horizontal	94	2.30	-	48.35
PK	5.238G	108.13	Inf	-Inf	5.70	3	Horizontal	94	2.30	-	102.43
AV	5.231G	97.34	Inf	-Inf	5.68	3	Horizontal	94	2.30	-	91.66
PK	5.417G	59.82	74.00	-14.18	5.89	3	Horizontal	94	2.30	-	53.93
AV	5.351G	47.02	54.00	-6.98	5.81	3	Horizontal	94	2.30	-	41.21

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

01/11/2019



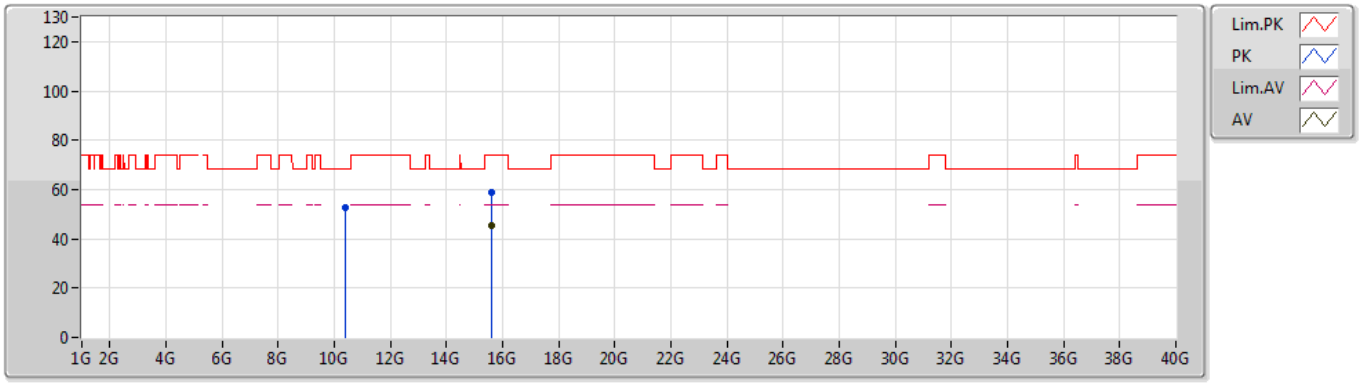
EUT Z_2TX_ANT 180
Setting 35
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.40902G	53.45	68.20	-14.75	12.23	3	Vertical	81	2.35	-	41.22
PK	15.61674G	59.80	74.00	-14.20	14.12	3	Vertical	46	1.53	-	45.68
AV	15.61752G	45.31	54.00	-8.69	14.12	3	Vertical	46	1.53	-	31.19

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

01/11/2019



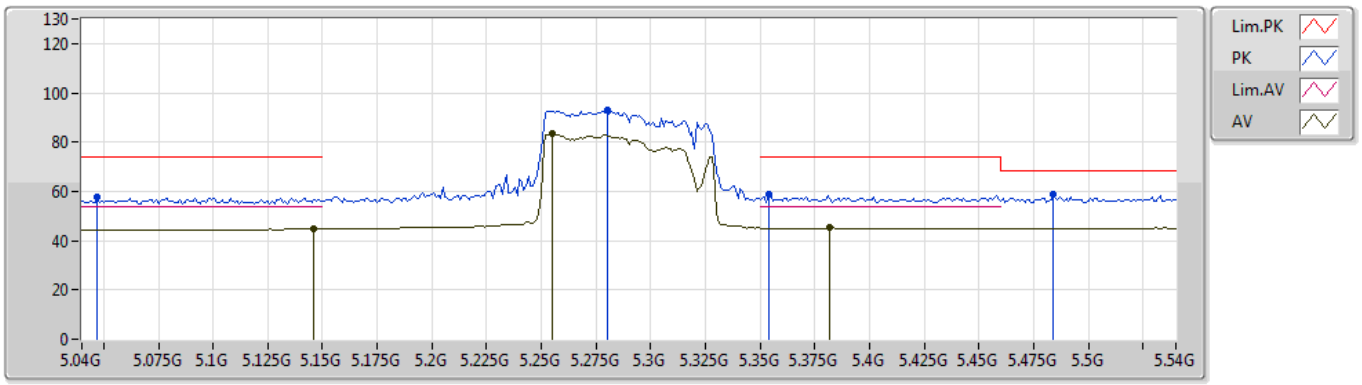
EUT Z_2TX_ANT 180
Setting 35
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.4176G	52.91	68.20	-15.29	12.23	3	Horizontal	58	1.34	-	40.68
PK	15.62346G	58.86	74.00	-15.14	14.10	3	Horizontal	254	2.14	-	44.76
AV	15.61518G	45.25	54.00	-8.75	14.12	3	Horizontal	254	2.14	-	31.13

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5290MHz_TX

01/11/2019



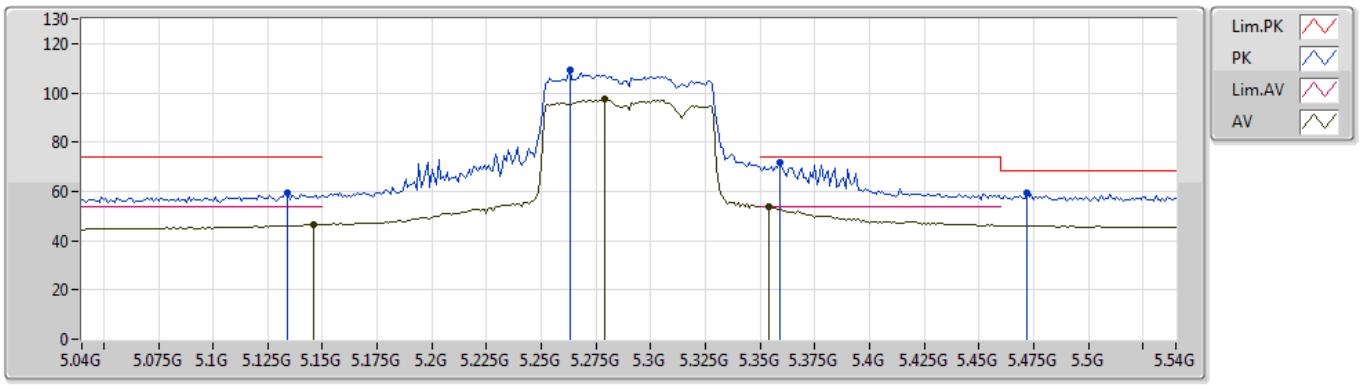
EUT Z_2TX_ANT 180
Setting 35
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.047G	57.76	74.00	-16.24	5.19	3	Vertical	335	2.91	-	52.57
AV	5.146G	44.83	54.00	-9.17	5.50	3	Vertical	335	2.91	-	39.33
PK	5.28G	92.84	Inf	-Inf	5.76	3	Vertical	335	2.91	-	87.08
AV	5.255G	83.23	Inf	-Inf	5.72	3	Vertical	335	2.91	-	77.51
PK	5.354G	58.83	74.00	-15.17	5.81	3	Vertical	335	2.91	-	53.02
AV	5.382G	45.14	54.00	-8.86	5.83	3	Vertical	335	2.91	-	39.31
PK	5.484G	59.00	68.20	-9.20	6.07	3	Vertical	335	2.91	-	52.93

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5290MHz_TX

01/11/2019



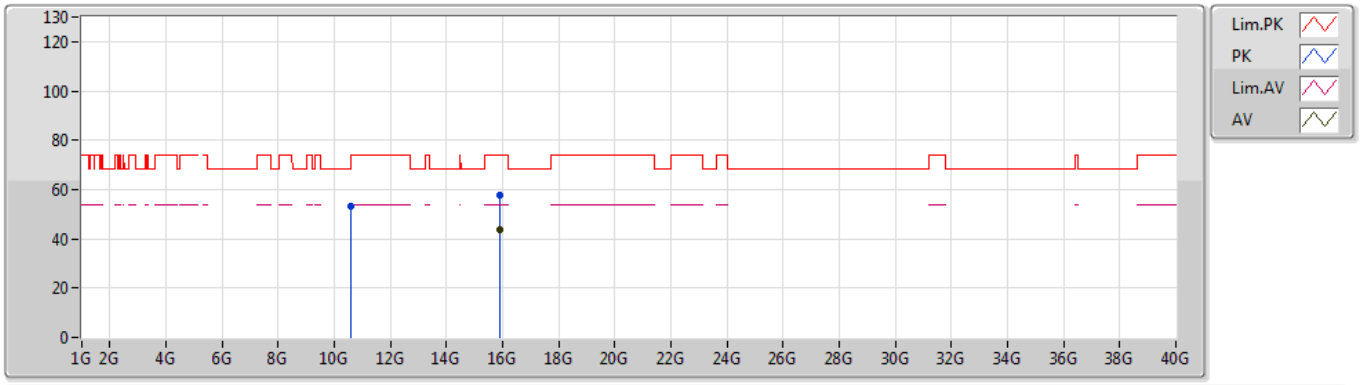
EUT Z_2TX_ANT 180
Setting 35
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.134G	59.19	74.00	-14.81	5.45	3	Horizontal	88	2.67	-	53.74
AV	5.146G	46.58	54.00	-7.42	5.50	3	Horizontal	88	2.67	-	41.08
PK	5.263G	109.14	Inf	-Inf	5.74	3	Horizontal	88	2.67	-	103.40
AV	5.279G	97.39	Inf	-Inf	5.76	3	Horizontal	88	2.67	-	91.63
PK	5.359G	71.47	74.00	-2.53	5.82	3	Horizontal	88	2.67	-	65.65
AV	5.354G	53.59	54.00	-0.41	5.81	3	Horizontal	88	2.67	-	47.78
PK	5.472G	59.18	68.20	-9.02	6.04	3	Horizontal	88	2.67	-	53.14

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5290MHz_TX

01/11/2019



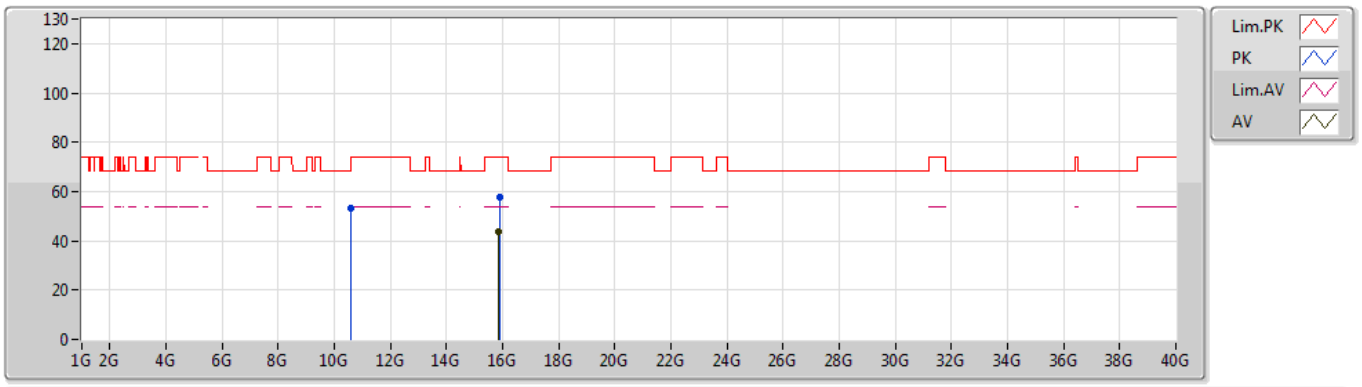
EUT Z_2TX_ANT 180
Setting 35
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.5881G	53.47	68.20	-14.73	12.39	3	Vertical	346	2.07	-	41.08
PK	15.88488G	57.81	74.00	-16.19	13.17	3	Vertical	300	2.83	-	44.64
AV	15.88428G	43.60	54.00	-10.40	13.16	3	Vertical	300	2.83	-	30.44

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5290MHz_TX

01/11/2019



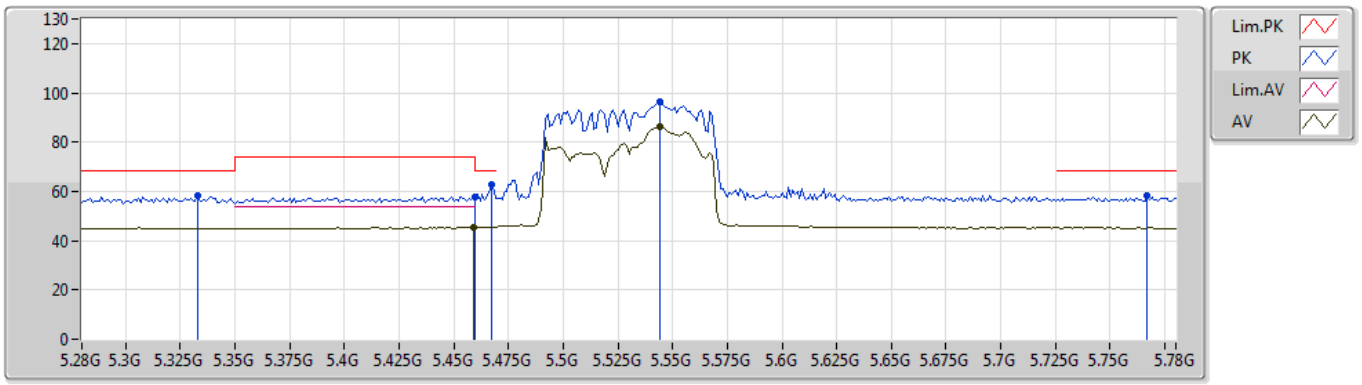
EUT Z_2TX_ANT 180
Setting 35
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.5893G	53.24	68.20	-14.96	12.39	3	Horizontal	318	2.01	-	40.85
PK	15.88266G	57.72	74.00	-16.28	13.16	3	Horizontal	238	2.08	-	44.56
AV	15.85758G	43.46	54.00	-10.54	13.25	3	Horizontal	238	2.08	-	30.21

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5530MHz_TX

01/11/2019



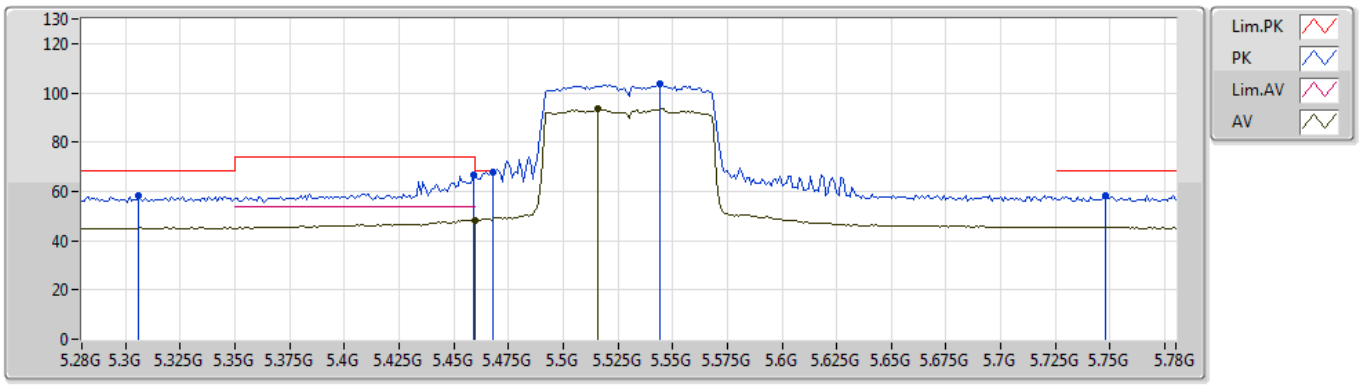
EUT Z_2TX_ANT 180
Setting 28
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.333G	58.02	68.20	-10.18	5.81	3	Vertical	0	2.97	-	52.21
PK	5.46G	57.91	74.00	-16.09	6.01	3	Vertical	0	2.97	-	51.90
AV	5.459G	45.44	54.00	-8.56	6.01	3	Vertical	0	2.97	-	39.43
PK	5.467G	62.91	68.20	-5.29	6.03	3	Vertical	0	2.97	-	56.88
PK	5.544G	96.21	Inf	-Inf	6.15	3	Vertical	0	2.97	-	90.06
AV	5.544G	86.32	Inf	-Inf	6.15	3	Vertical	0	2.97	-	80.17
PK	5.767G	58.10	68.20	-10.10	5.83	3	Vertical	0	2.97	-	52.27

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5530MHz_TX

01/11/2019



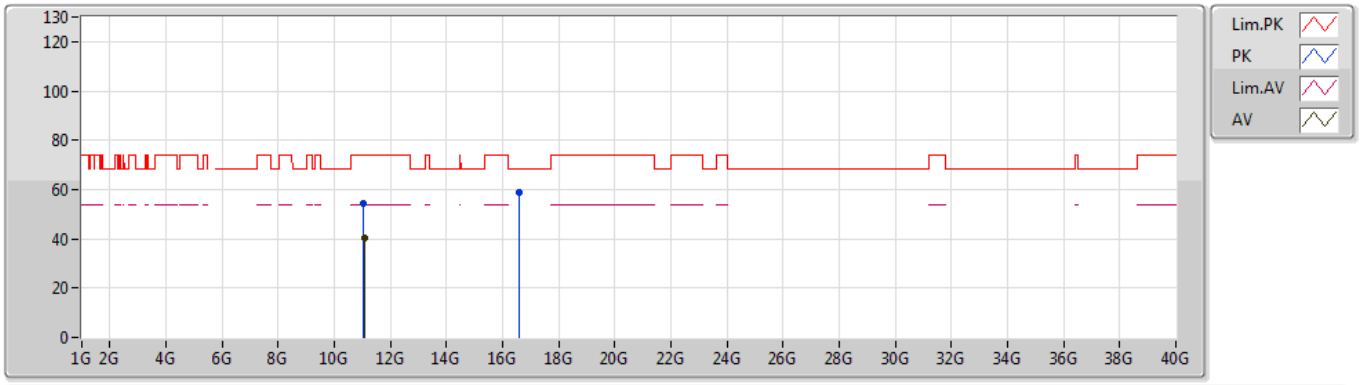
EUT Z_2TX_ANT 180
Setting 28
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.306G	58.21	68.20	-9.99	5.80	3	Horizontal	96	2.98	-	52.41
PK	5.459G	66.93	74.00	-7.07	6.01	3	Horizontal	96	2.98	-	60.92
AV	5.46G	48.43	54.00	-5.57	6.01	3	Horizontal	96	2.98	-	42.42
PK	5.468G	67.95	68.20	-0.25	6.03	3	Horizontal	96	2.98	-	61.92
PK	5.544G	103.63	Inf	-Inf	6.15	3	Horizontal	96	2.98	-	97.48
AV	5.516G	93.50	Inf	-Inf	6.13	3	Horizontal	96	2.98	-	87.37
PK	5.748G	58.49	68.20	-9.71	5.86	3	Horizontal	96	2.98	-	52.63

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5530MHz_TX

01/11/2019



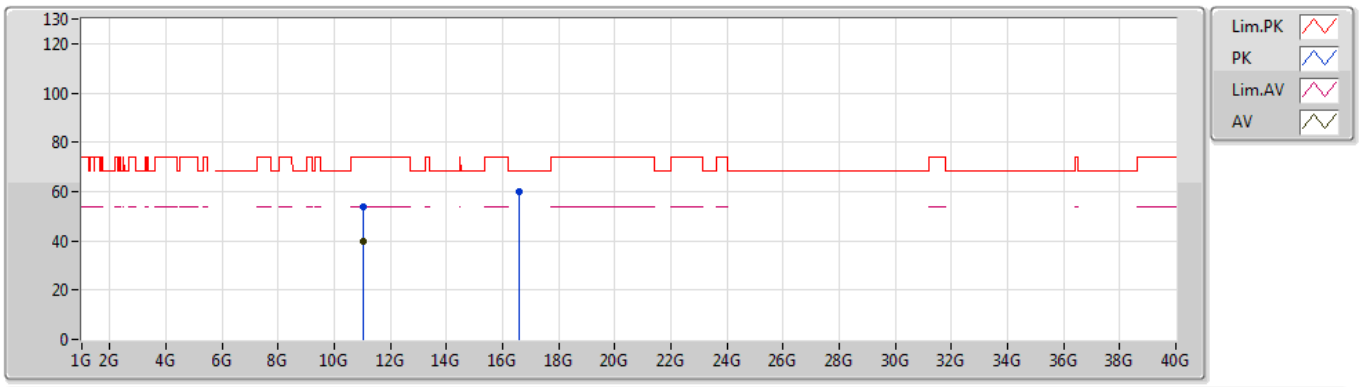
EUT Z_2TX_ANT 180
Setting 28
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.05208G	54.52	74.00	-19.48	12.77	3	Vertical	150	2.39	-	41.75
AV	11.0699G	40.17	54.00	-13.83	12.78	3	Vertical	150	2.39	-	27.39
PK	16.59564G	59.06	68.20	-9.14	14.76	3	Vertical	95	2.63	-	44.30

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5530MHz_TX

01/11/2019



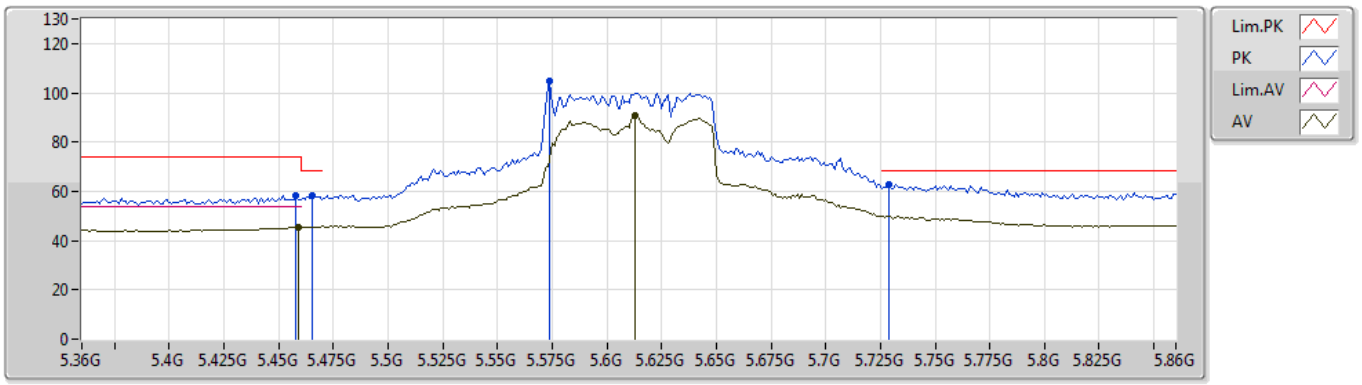
EUT Z_2TX_ANT 180
Setting 28
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.05676G	53.94	74.00	-20.06	12.77	3	Horizontal	17	2.57	-	41.17
AV	11.05232G	40.00	54.00	-14.00	12.77	3	Horizontal	17	2.57	-	27.23
PK	16.58784G	59.81	68.20	-8.39	14.74	3	Horizontal	30	1.60	-	45.07

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5610MHz_TX

26/11/2019



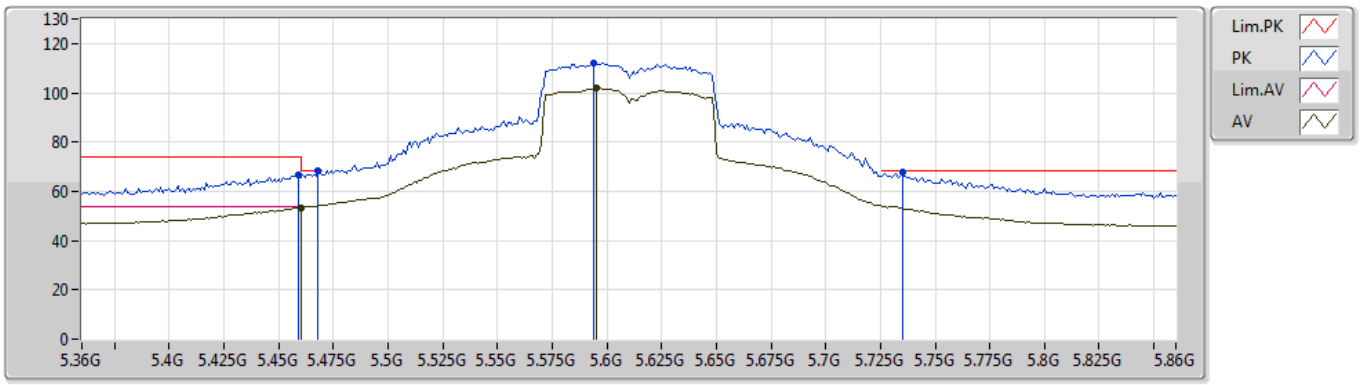
EUT Z_2TX_ANT 180
Setting 94
06-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.458G	58.55	74.00	-15.45	5.01	3	Vertical	360	2.99	-	53.54
AV	5.459G	45.34	54.00	-8.66	5.02	3	Vertical	360	2.99	-	40.32
PK	5.465G	58.04	68.20	-10.16	5.03	3	Vertical	360	2.99	-	53.01
PK	5.574G	104.55	Inf	-Inf	4.96	3	Vertical	360	2.99	-	99.59
AV	5.613G	90.66	Inf	-Inf	4.92	3	Vertical	360	2.99	-	85.74
PK	5.729G	62.68	68.20	-5.52	5.18	3	Vertical	360	2.99	-	57.50

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5610MHz_TX

26/11/2019



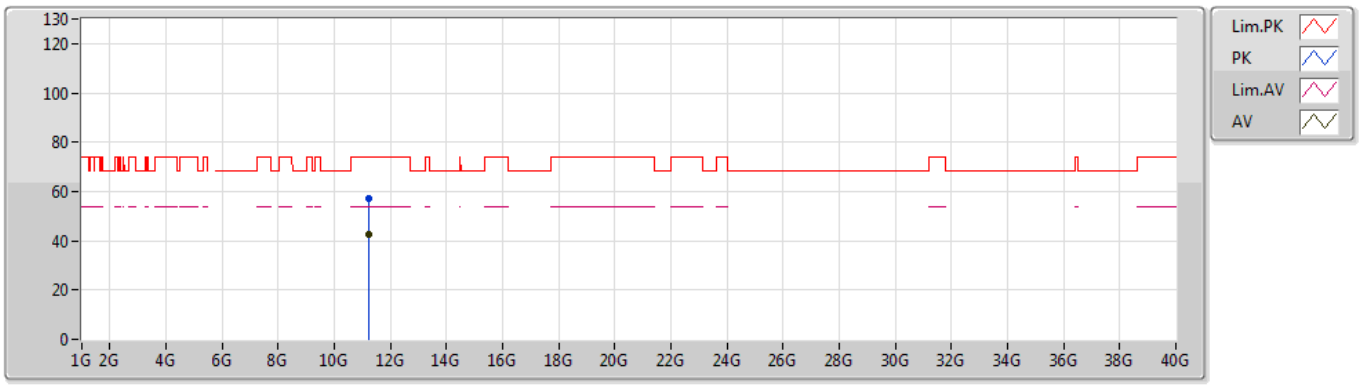
EUT Z_2TX_ANT 180
Setting 94
06-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.459G	66.77	74.00	-7.23	5.02	3	Horizontal	267	2.41	-	61.75
AV	5.46G	53.25	54.00	-0.75	5.02	3	Horizontal	267	2.41	-	48.23
PK	5.468G	68.13	68.20	-0.07	5.04	3	Horizontal	267	2.41	-	63.09
PK	5.594G	111.88	Inf	-Inf	4.92	3	Horizontal	267	2.41	-	106.96
AV	5.595G	101.84	Inf	-Inf	4.92	3	Horizontal	267	2.41	-	96.92
PK	5.735G	67.55	68.20	-0.65	5.20	3	Horizontal	267	2.41	-	62.35

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5610MHz_TX

26/11/2019



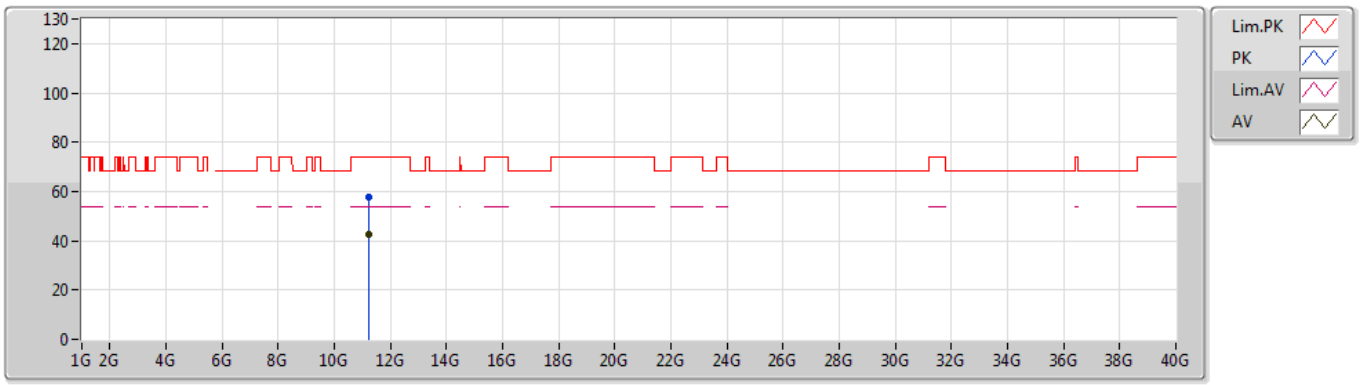
EUT Z_2TX_ANT 180
Setting 94
06-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.21808G	57.05	74.00	-16.95	13.78	3	Vertical	78	1.65	-	43.27
AV	11.21976G	42.79	54.00	-11.21	13.78	3	Vertical	78	1.65	-	29.01

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5610MHz_TX

26/11/2019



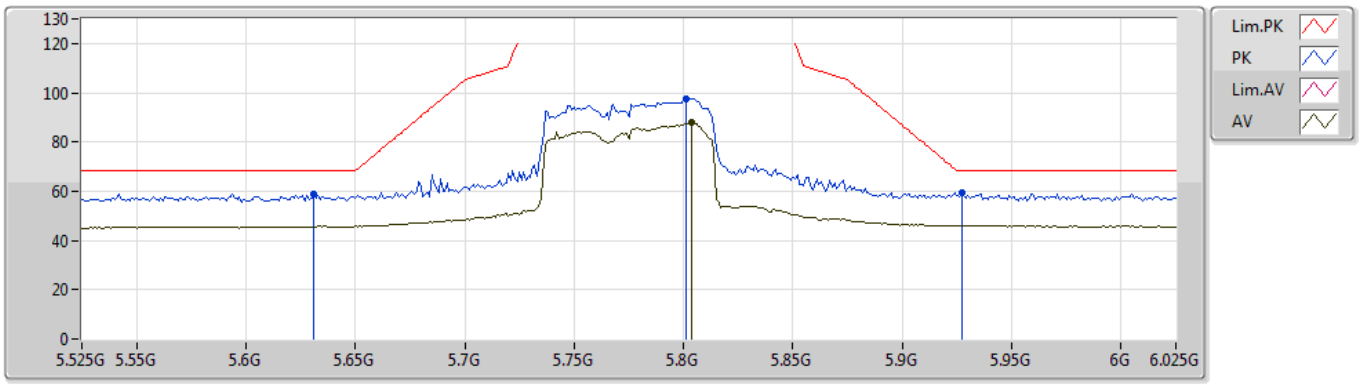
EUT Z_2TX_ANT 180
Setting 94
06-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.22468G	57.51	74.00	-16.49	13.76	3	Horizontal	202	1.05	-	43.75
AV	11.21944G	42.77	54.00	-11.23	13.78	3	Horizontal	202	1.05	-	28.99

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

04/11/2019



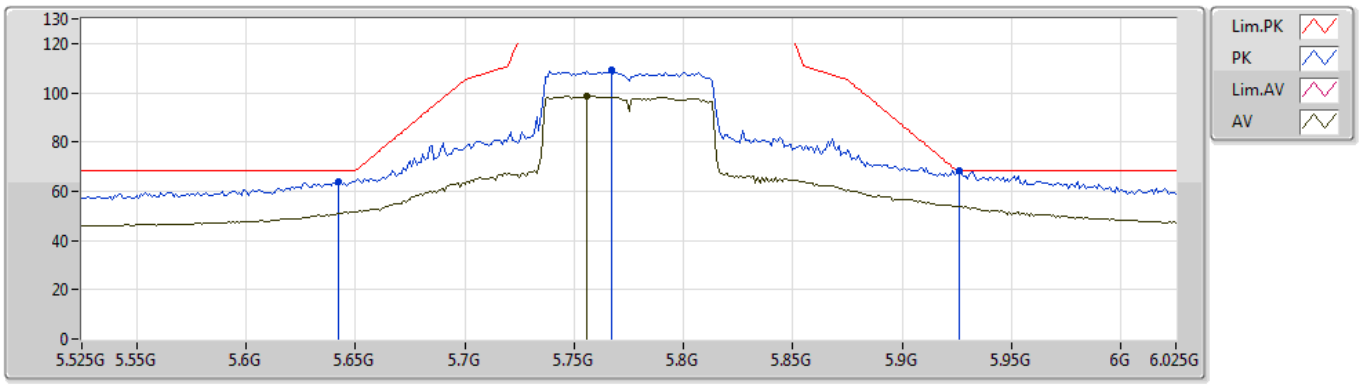
EUT Z_2TX_ANT 180
Setting 60
03-E-2-10
FSP(100019)

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	59.11	68.20	-9.09	6.10	3	Vertical	168	2.64	-	53.01
PK	5.801G	97.77	Inf	-Inf	5.78	3	Vertical	168	2.64	-	91.99
AV	5.804G	87.90	Inf	-Inf	5.79	3	Vertical	168	2.64	-	82.11
PK	5.927G	59.38	68.20	-8.82	6.15	3	Vertical	168	2.64	-	53.23

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

04/11/2019



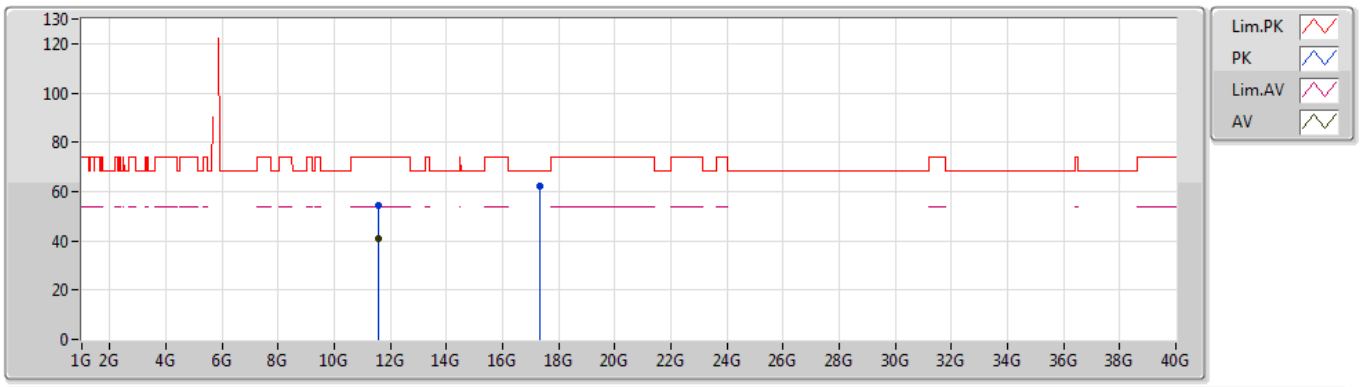
EUT Z_2TX_ANT 180
Setting 60
03-E-2-10
FSP(100019)

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	63.61	68.20	-4.59	6.08	3	Horizontal	83	1.95	-	57.53
PK	5.767G	108.99	Inf	-Inf	5.83	3	Horizontal	83	1.95	-	103.16
AV	5.756G	98.60	Inf	-Inf	5.85	3	Horizontal	83	1.95	-	92.75
PK	5.926G	68.13	68.20	-0.07	6.15	3	Horizontal	83	1.95	-	61.98

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

04/11/2019



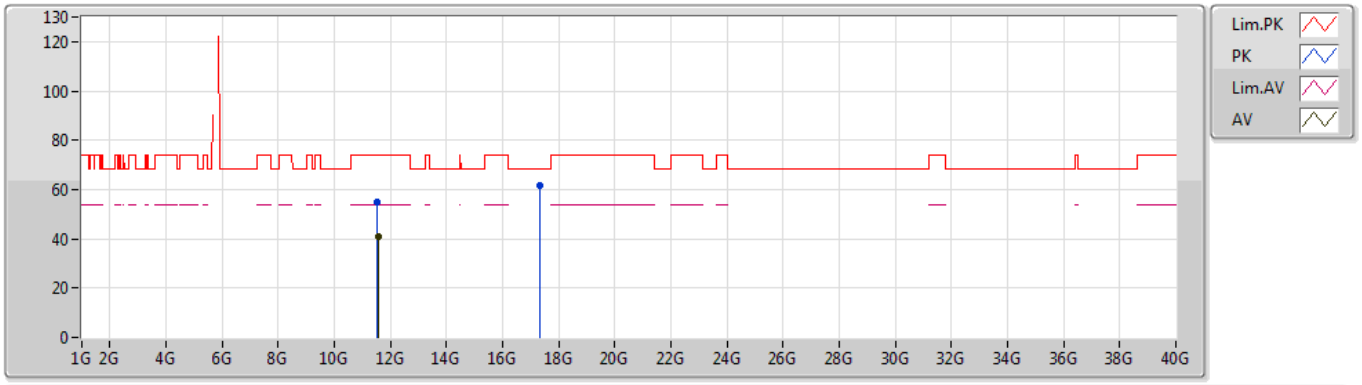
EUT Z_2TX_ANT 180
Setting 60
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.5545G	54.53	74.00	-19.47	13.03	3	Vertical	298	2.40	-	41.50
AV	11.56008G	40.83	54.00	-13.17	13.03	3	Vertical	298	2.40	-	27.80
PK	17.33772G	62.26	68.20	-5.94	17.86	3	Vertical	95	1.37	-	44.40

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

04/11/2019



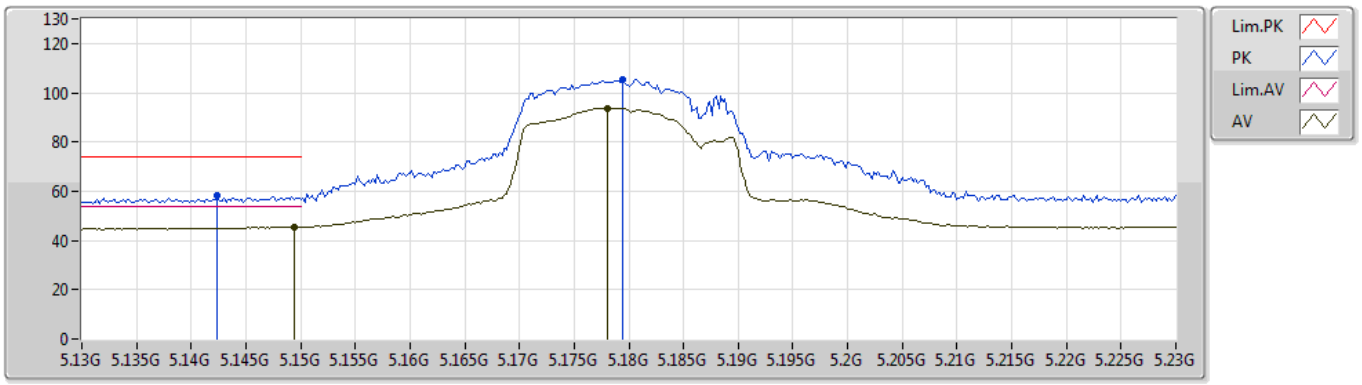
EUT Z_2TX_ANT 180
Setting 60
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.54868G	54.87	74.00	-19.13	13.02	3	Horizontal	278	2.24	-	41.85
AV	11.56212G	40.73	54.00	-13.27	13.03	3	Horizontal	278	2.24	-	27.70
PK	17.3331G	61.69	68.20	-6.51	17.84	3	Horizontal	281	2.38	-	43.85

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

02/11/2019



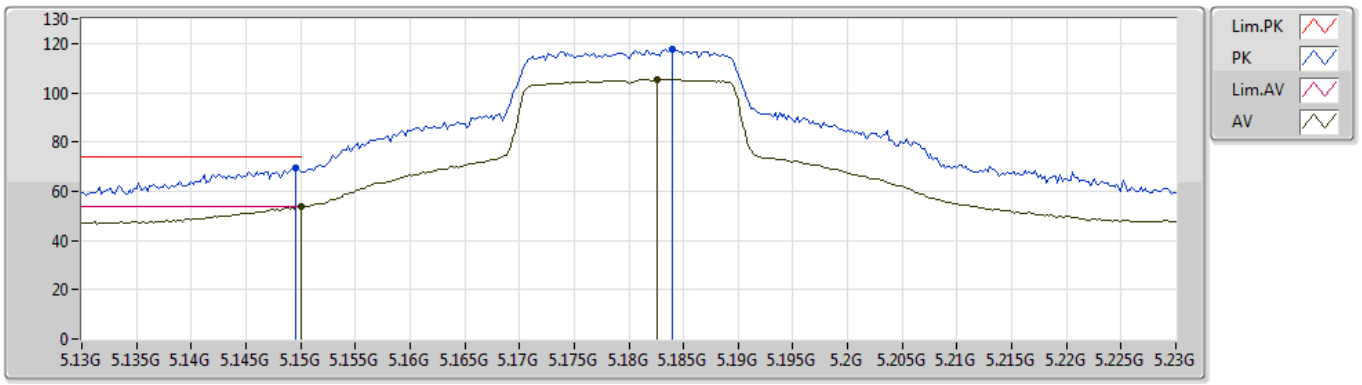
EUT Z_2TX_ANT 180
Setting 63
03-E-2-10
FSP(100019)

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	58.10	74.00	-15.90	5.48	3	Vertical	29	2.99	-	52.62
AV	5.1494G	45.65	54.00	-8.35	5.50	3	Vertical	29	2.99	-	40.15
PK	5.1794G	105.57	Inf	-Inf	5.58	3	Vertical	29	2.99	-	99.99
AV	5.178G	93.82	Inf	-Inf	5.58	3	Vertical	29	2.99	-	88.24

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

02/11/2019



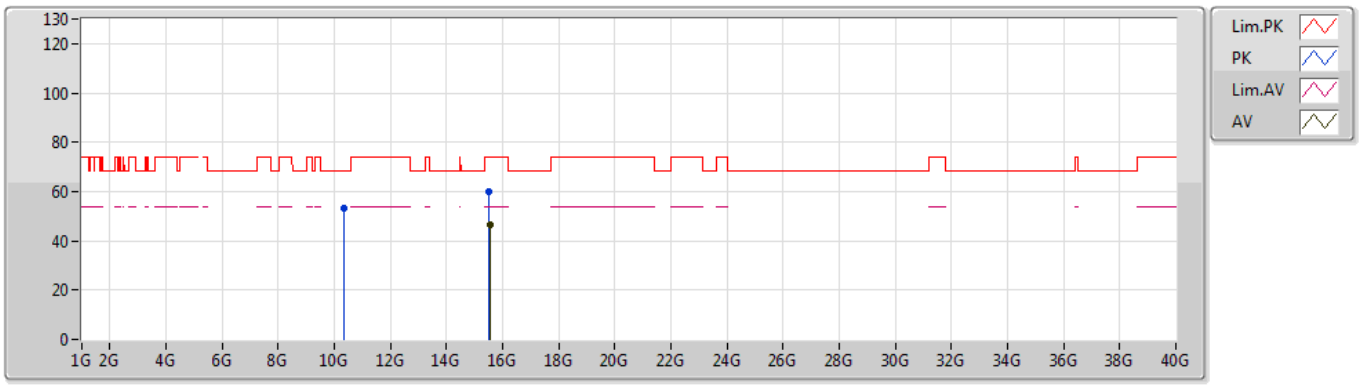
EUT Z_2TX_ANT 180
Setting 63
03-E-2-10
FSP(100019)

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	69.40	74.00	-4.60	5.50	3	Horizontal	267	2.38	-	63.90
AV	5.15G	53.64	54.00	-0.36	5.50	3	Horizontal	267	2.38	-	48.14
PK	5.184G	117.63	Inf	-Inf	5.59	3	Horizontal	267	2.38	-	112.04
AV	5.1826G	105.41	Inf	-Inf	5.59	3	Horizontal	267	2.38	-	99.82

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

02/11/2019



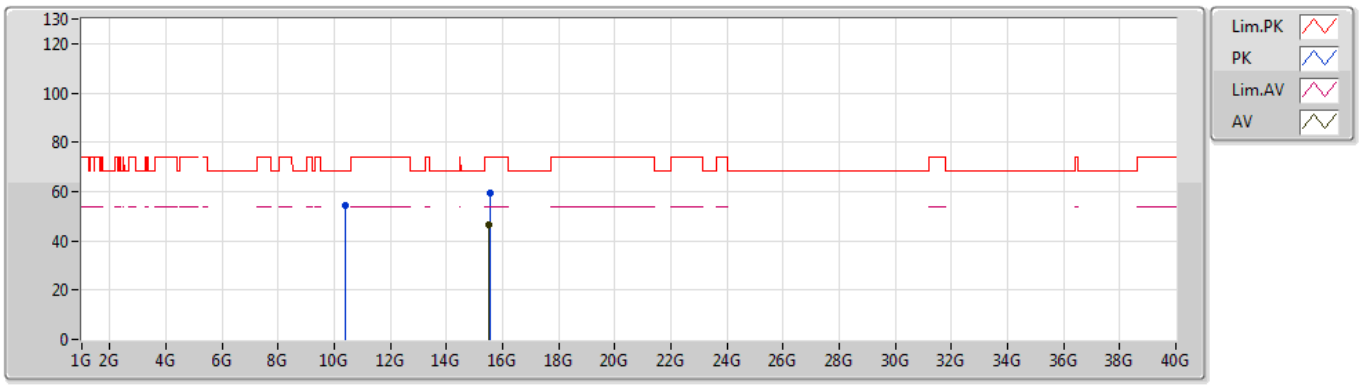
EUT Z_2TX_ANT 180
Setting 63
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.36216G	53.23	68.20	-14.97	12.19	3	Vertical	266	1.50	-	41.04
PK	15.52776G	60.05	74.00	-13.95	14.45	3	Vertical	6	2.64	-	45.60
AV	15.5349G	46.36	54.00	-7.64	14.43	3	Vertical	6	2.64	-	31.93

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

02/11/2019



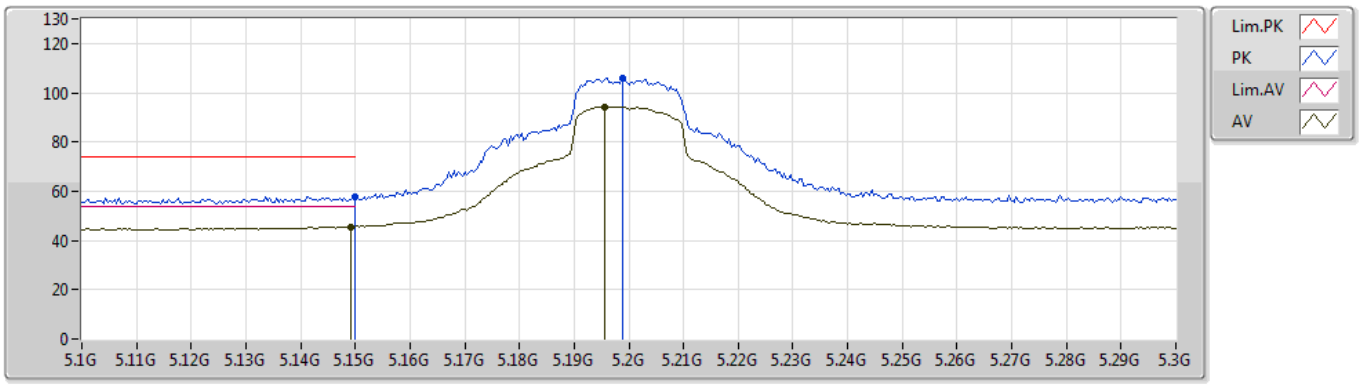
EUT Z_2TX_ANT 180
Setting 63
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.37494G	54.35	68.20	-13.85	12.19	3	Horizontal	186	2.80	-	42.16
PK	15.53784G	59.44	74.00	-14.56	14.41	3	Horizontal	347	1.47	-	45.03
AV	15.53178G	46.42	54.00	-7.58	14.43	3	Horizontal	347	1.47	-	31.99

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

04/11/2019



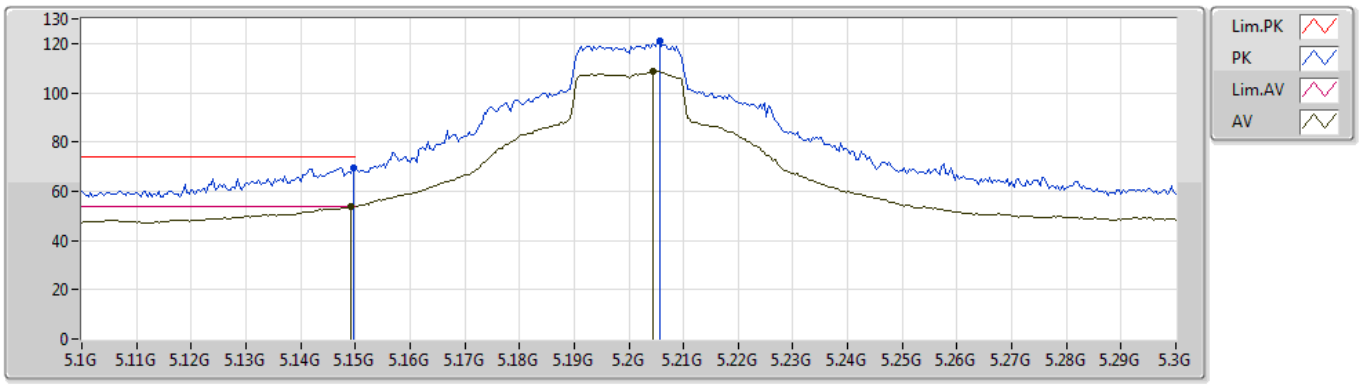
EUT Z_2TX_ANT 180
Setting 178
03-E-2-10
FSP(100019)

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	57.54	74.00	-16.46	5.50	3	Vertical	154	2.51	-	52.04
AV	5.1492G	45.66	54.00	-8.34	5.50	3	Vertical	154	2.51	-	40.16
PK	5.1988G	106.05	Inf	-Inf	5.64	3	Vertical	154	2.51	-	100.41
AV	5.1956G	94.26	Inf	-Inf	5.63	3	Vertical	154	2.51	-	88.63

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

04/11/2019



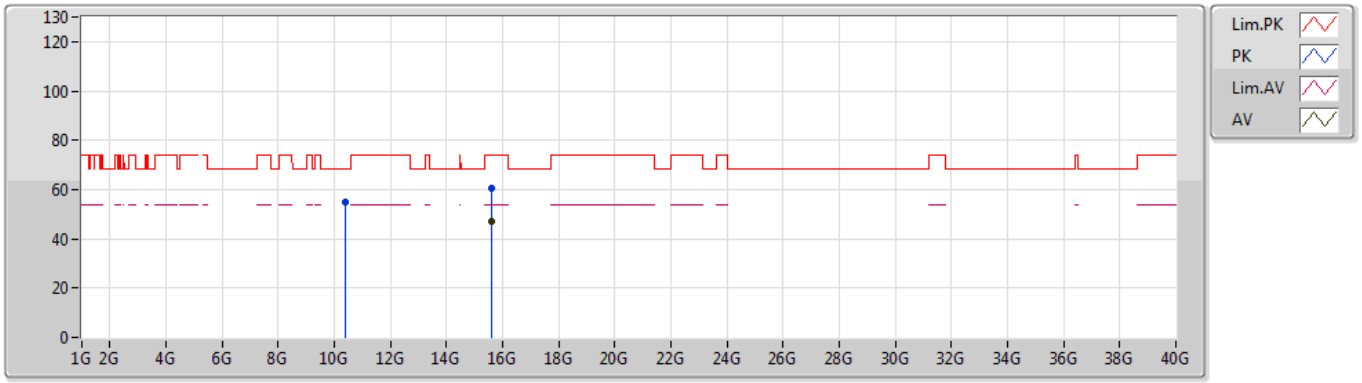
EUT Z_2TX_ANT 180
Setting 178
03-E-2-10
FSP(100019)

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	69.59	74.00	-4.41	5.50	3	Horizontal	89	2.33	-	64.09
AV	5.1492G	53.89	54.00	-0.11	5.50	3	Horizontal	89	2.33	-	48.39
PK	5.2056G	120.88	Inf	-Inf	5.65	3	Horizontal	89	2.33	-	115.23
AV	5.2044G	108.64	Inf	-Inf	5.65	3	Horizontal	89	2.33	-	102.99

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

04/11/2019



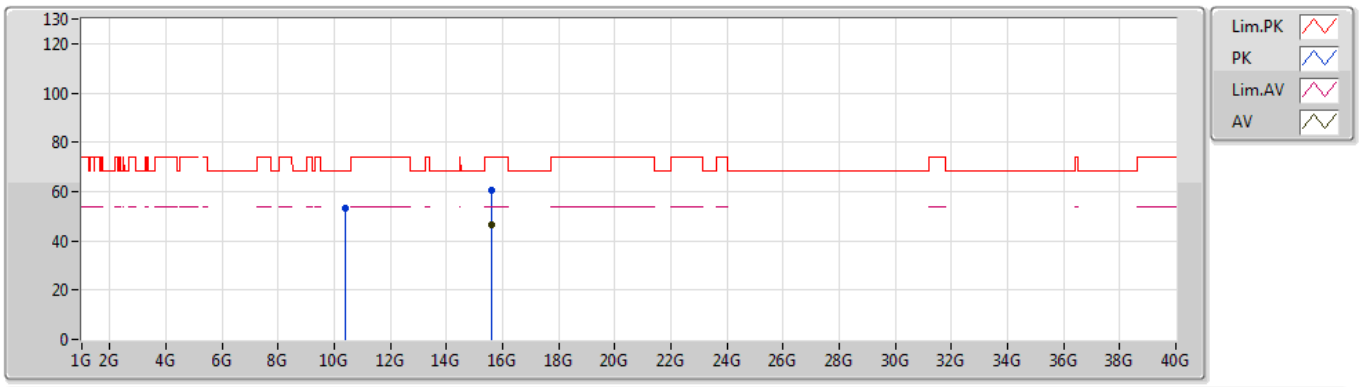
EUT Z_2TX_ANT 180
Setting 178
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.39982G	54.95	68.20	-13.25	12.22	3	Vertical	34	1.81	-	42.73
PK	15.60294G	60.54	74.00	-13.46	14.18	3	Vertical	4	1.80	-	46.36
AV	15.5943G	46.82	54.00	-7.18	14.21	3	Vertical	4	1.80	-	32.61

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

04/11/2019



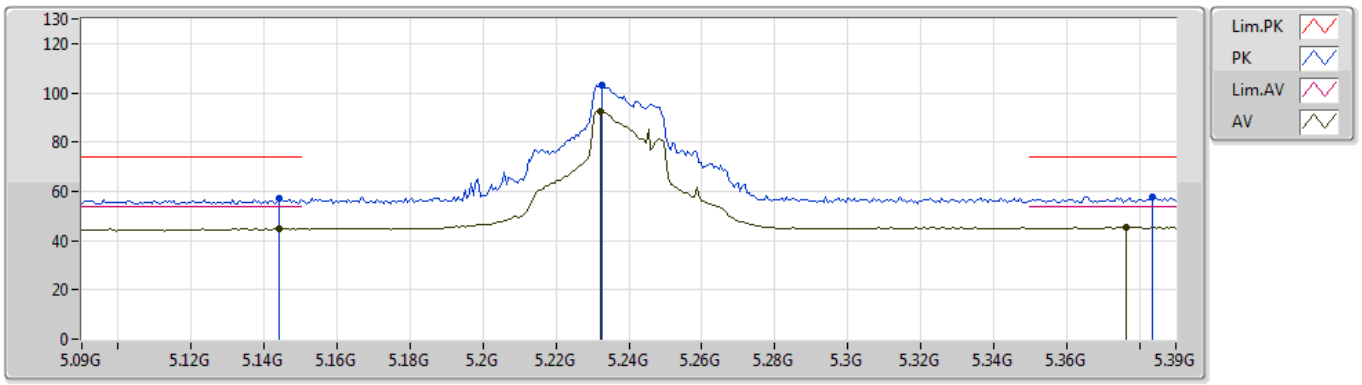
EUT Z_2TX_ANT 180
Setting 178
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.3871G	53.26	68.20	-14.94	12.21	3	Horizontal	145	1.85	-	41.05
PK	15.59238G	60.25	74.00	-13.75	14.21	3	Horizontal	259	1.55	-	46.04
AV	15.59844G	46.66	54.00	-7.34	14.18	3	Horizontal	259	1.55	-	32.48

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

02/11/2019



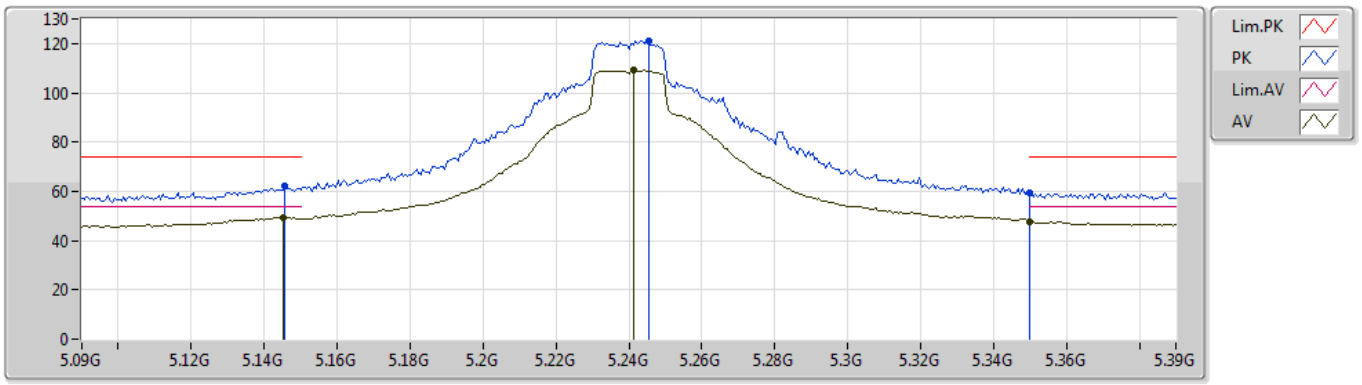
EUT Z_2TX_ANT 180
Setting 211
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.144G	57.06	74.00	-16.94	5.48	3	Vertical	238	1.41	-	51.58
AV	5.144G	44.86	54.00	-9.14	5.48	3	Vertical	238	1.41	-	39.38
PK	5.2328G	103.14	Inf	-Inf	5.69	3	Vertical	238	1.41	-	97.45
AV	5.2322G	92.47	Inf	-Inf	5.68	3	Vertical	238	1.41	-	86.79
PK	5.3834G	57.79	74.00	-16.21	5.83	3	Vertical	238	1.41	-	51.96
AV	5.3762G	45.52	54.00	-8.48	5.83	3	Vertical	238	1.41	-	39.69

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

02/11/2019



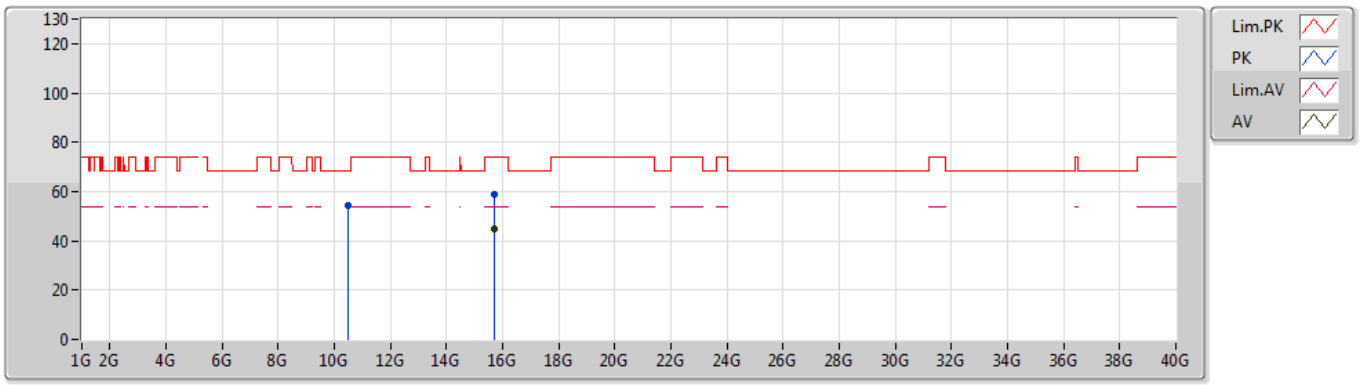
EUT Z_2TX_ANT 180
Setting 211
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1458G	62.06	74.00	-11.94	5.50	3	Horizontal	93	2.26	-	56.56
AV	5.1452G	49.46	54.00	-4.54	5.50	3	Horizontal	93	2.26	-	43.96
PK	5.2454G	121.24	Inf	-Inf	5.71	3	Horizontal	93	2.26	-	115.53
AV	5.2412G	109.16	Inf	-Inf	5.70	3	Horizontal	93	2.26	-	103.46
PK	5.35G	59.53	74.00	-14.47	5.81	3	Horizontal	93	2.26	-	53.72
AV	5.35G	47.73	54.00	-6.27	5.81	3	Horizontal	93	2.26	-	41.92

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

02/11/2019



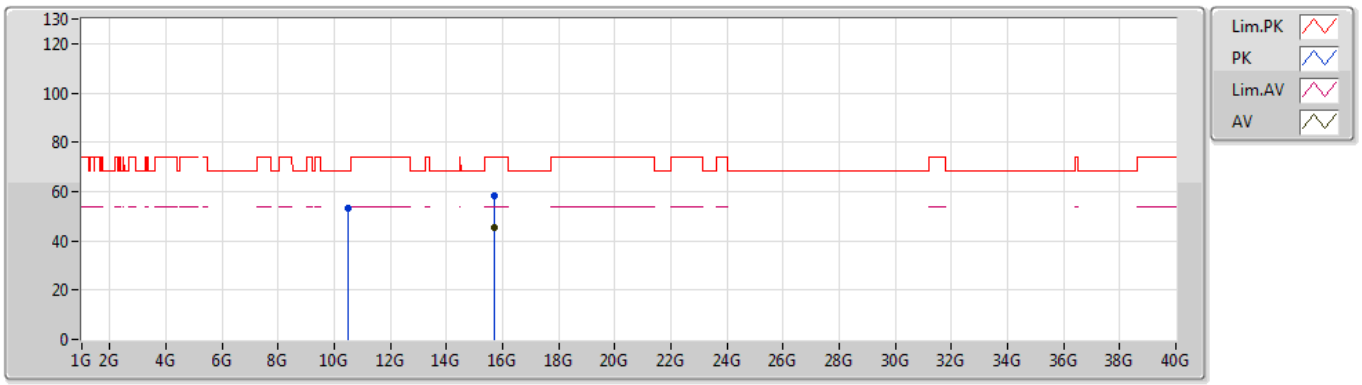
EUT Z_2TX_ANT 180
Setting 211
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.47106G	54.21	68.20	-13.99	12.28	3	Vertical	326	2.88	-	41.93
PK	15.72174G	58.82	74.00	-15.18	13.74	3	Vertical	21	2.50	-	45.08
AV	15.7191G	45.07	54.00	-8.93	13.75	3	Vertical	21	2.50	-	31.32

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

02/11/2019



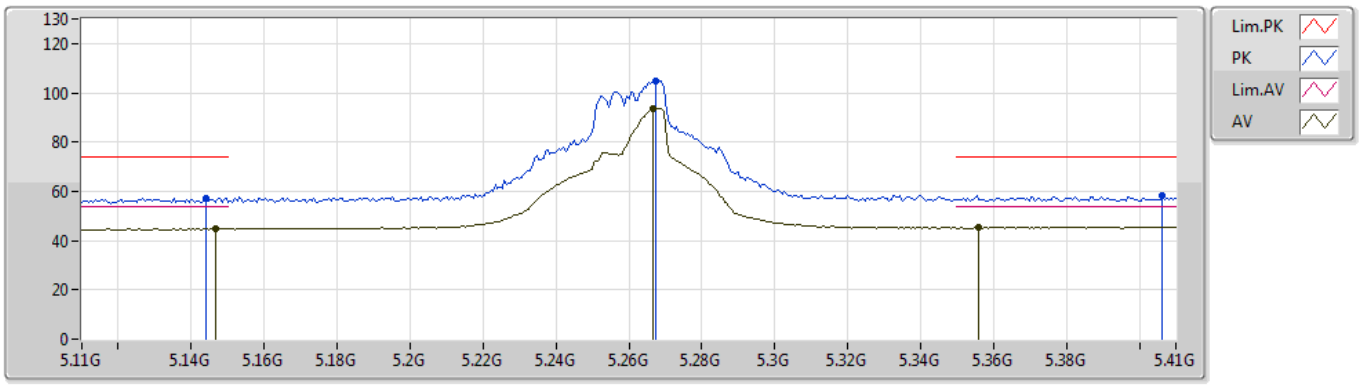
EUT Z_2TX_ANT 180
Setting 211
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.47616G	53.51	68.20	-14.69	12.29	3	Horizontal	253	1.74	-	41.22
PK	15.7062G	58.43	74.00	-15.57	13.80	3	Horizontal	146	2.47	-	44.63
AV	15.71508G	45.12	54.00	-8.88	13.76	3	Horizontal	146	2.47	-	31.36

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5260MHz_TX

04/11/2019



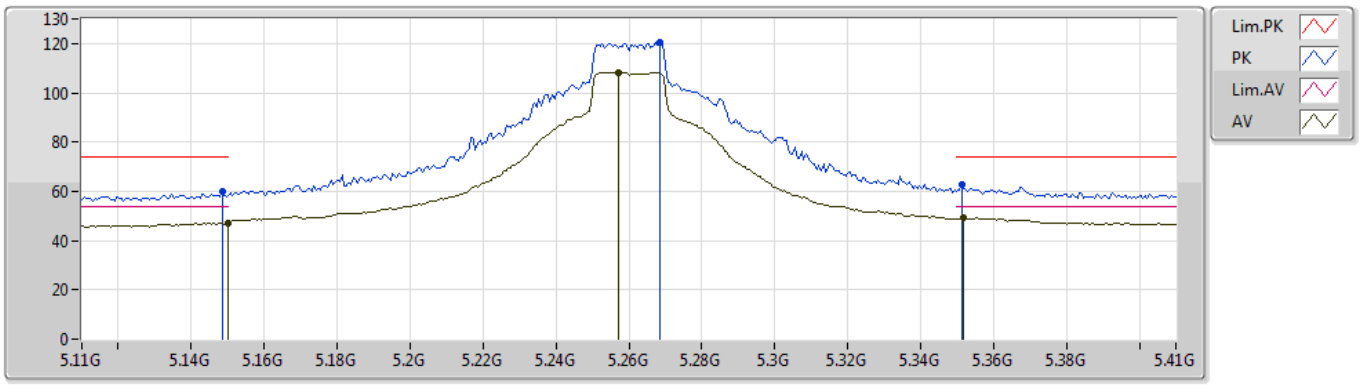
EUT Z_2TX_ANT 180
Setting 200
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1442G	57.22	74.00	-16.78	5.48	3	Vertical	235	1.01	-	51.74
AV	5.1466G	44.79	54.00	-9.21	5.50	3	Vertical	235	1.01	-	39.29
PK	5.2672G	104.91	Inf	-Inf	5.74	3	Vertical	235	1.01	-	99.17
AV	5.2666G	93.59	Inf	-Inf	5.74	3	Vertical	235	1.01	-	87.85
PK	5.4064G	58.06	74.00	-15.94	5.86	3	Vertical	235	1.01	-	52.20
AV	5.356G	45.52	54.00	-8.48	5.82	3	Vertical	235	1.01	-	39.70

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5260MHz_TX

04/11/2019



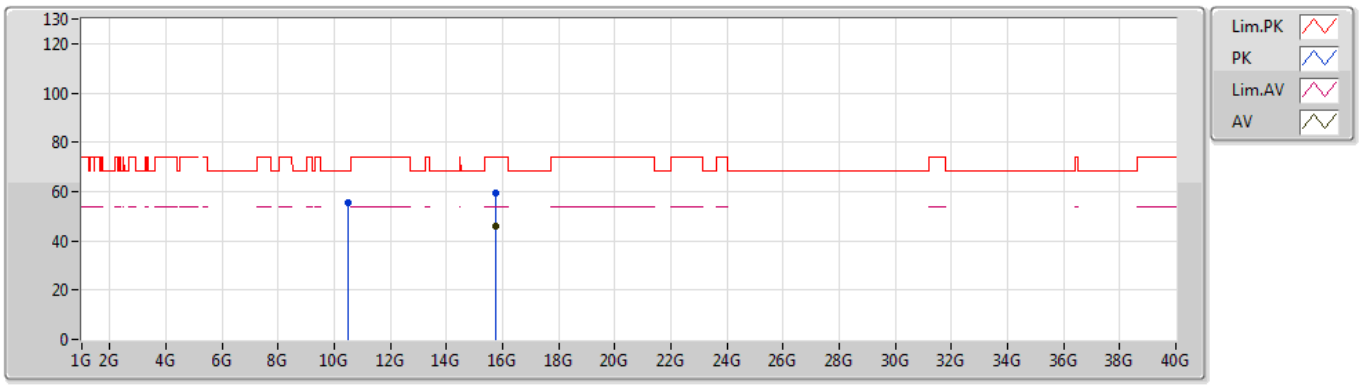
EUT Z_2TX_ANT 180
Setting 200
03-E-2-10
FSP(100019)

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	60.09	74.00	-13.91	5.50	3	Horizontal	97	2.17	-	54.59
AV	5.15G	47.18	54.00	-6.82	5.50	3	Horizontal	97	2.17	-	41.68
PK	5.2684G	120.53	Inf	-Inf	5.75	3	Horizontal	97	2.17	-	114.78
AV	5.257G	108.39	Inf	-Inf	5.72	3	Horizontal	97	2.17	-	102.67
PK	5.3512G	62.62	74.00	-11.38	5.81	3	Horizontal	97	2.17	-	56.81
AV	5.3518G	49.32	54.00	-4.68	5.81	3	Horizontal	97	2.17	-	43.51

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5260MHz_TX

04/11/2019



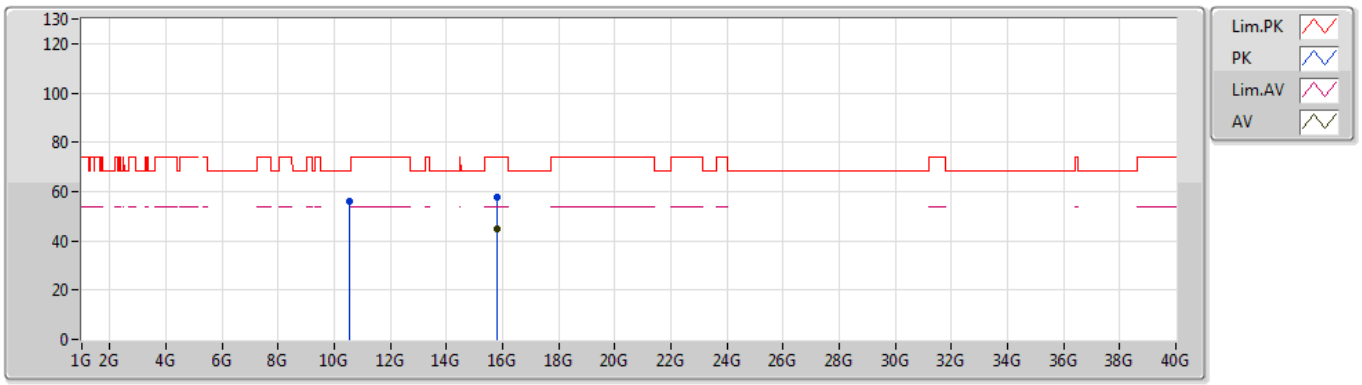
EUT Z_2TX_ANT 180
Setting 200
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.50758G	55.67	68.20	-12.53	12.32	3	Vertical	128	1.74	-	43.35
PK	15.76602G	59.18	74.00	-14.82	13.58	3	Vertical	54	2.05	-	45.60
AV	15.76914G	45.73	54.00	-8.27	13.57	3	Vertical	54	2.05	-	32.16

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5260MHz_TX

04/11/2019



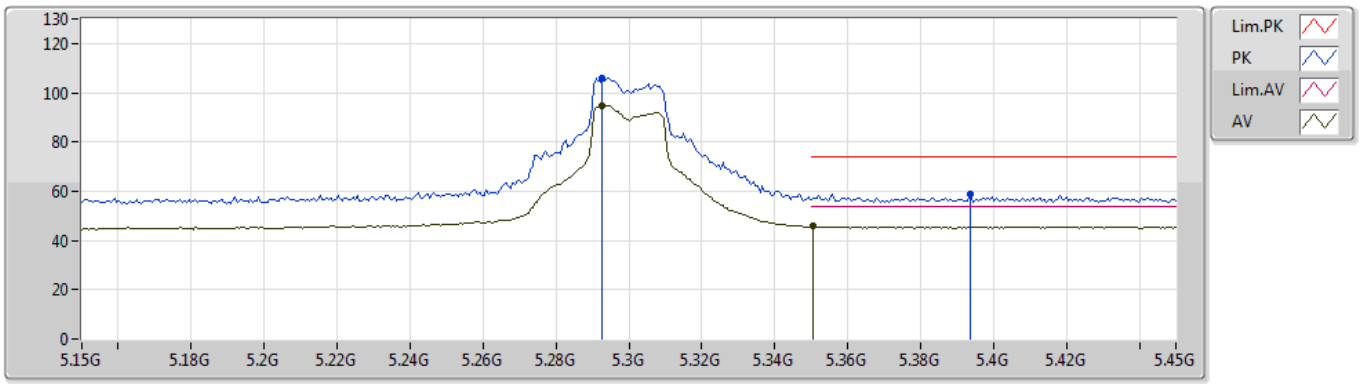
EUT Z_2TX_ANT 180
Setting 200
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.51808G	55.98	68.20	-12.22	12.32	3	Horizontal	174	2.32	-	43.66
PK	15.78102G	57.54	74.00	-16.46	13.53	3	Horizontal	272	1.50	-	44.01
AV	15.77922G	44.55	54.00	-9.45	13.53	3	Horizontal	272	1.50	-	31.02

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5300MHz_TX

04/11/2019



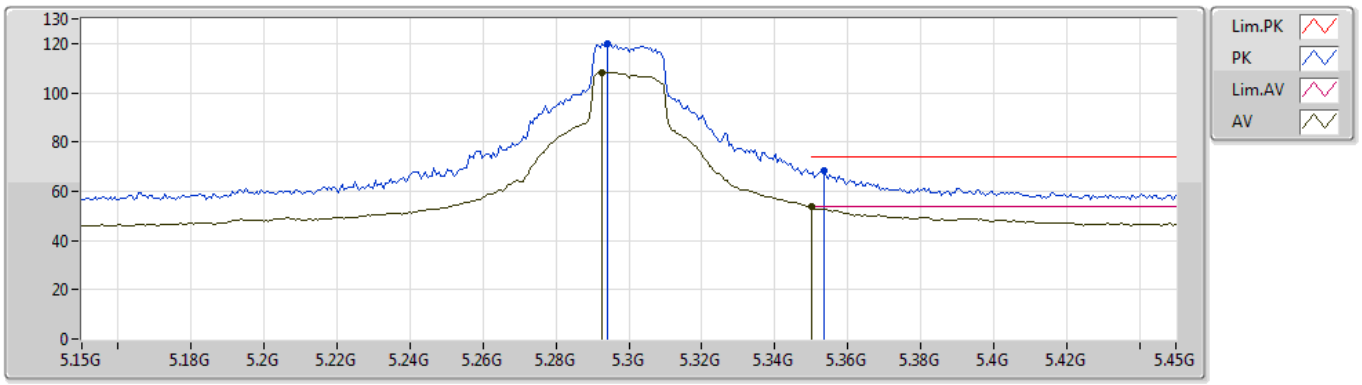
EUT Z_2TX_ANT 180
Setting 168
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.2928G	105.98	Inf	-Inf	5.78	3	Vertical	332	2.99	-	100.20
AV	5.2928G	94.59	Inf	-Inf	5.78	3	Vertical	332	2.99	-	88.81
PK	5.3936G	58.71	74.00	-15.29	5.83	3	Vertical	332	2.99	-	52.88
AV	5.3504G	45.98	54.00	-8.02	5.81	3	Vertical	332	2.99	-	40.17

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5300MHz_TX

04/11/2019



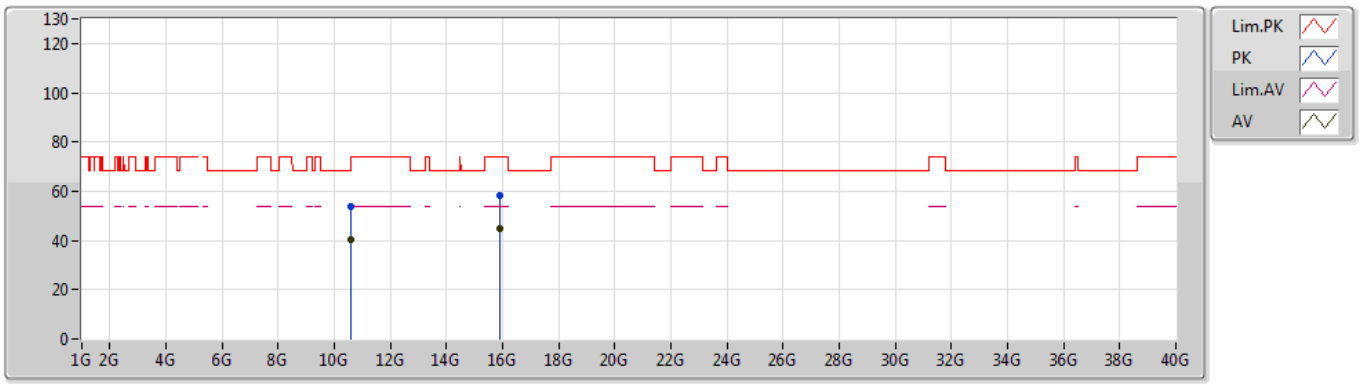
EUT Z_2TX_ANT 180
Setting 168
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.294G	120.00	Inf	-Inf	5.78	3	Horizontal	97	2.62	-	114.22
AV	5.2928G	108.19	Inf	-Inf	5.78	3	Horizontal	97	2.62	-	102.41
PK	5.3534G	68.64	74.00	-5.36	5.81	3	Horizontal	97	2.62	-	62.83
AV	5.35G	53.54	54.00	-0.46	5.81	3	Horizontal	97	2.62	-	47.73

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5300MHz_TX

04/11/2019



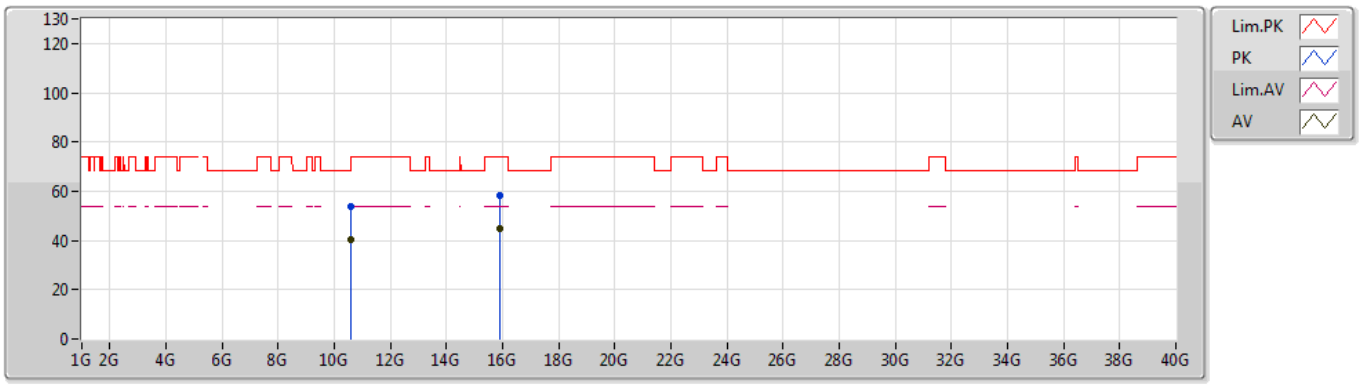
EUT Z_2TX_ANT 180
Setting 168
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.60616G	53.82	74.00	-20.18	12.40	3	Vertical	4	1.62	-	41.42
AV	10.60602G	40.20	54.00	-13.80	12.40	3	Vertical	4	1.62	-	27.80
PK	15.90144G	58.25	74.00	-15.75	13.10	3	Vertical	324	1.74	-	45.15
AV	15.8937G	44.96	54.00	-9.04	13.13	3	Vertical	324	1.74	-	31.83

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5300MHz_TX

04/11/2019



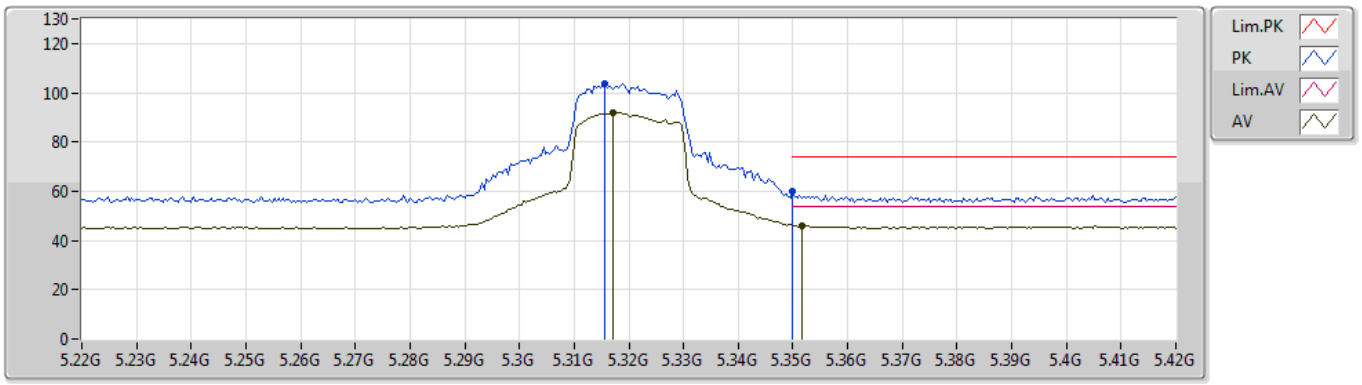
EUT Z_2TX_ANT 180
Setting 168
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.6048G	54.06	74.00	-19.94	12.40	3	Horizontal	273	1.44	-	41.66
AV	10.6009G	40.17	54.00	-13.83	12.40	3	Horizontal	273	1.44	-	27.77
PK	15.88668G	58.11	74.00	-15.89	13.15	3	Horizontal	352	1.62	-	44.96
AV	15.8931G	44.98	54.00	-9.02	13.13	3	Horizontal	352	1.62	-	31.85

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5320MHz_TX

02/11/2019



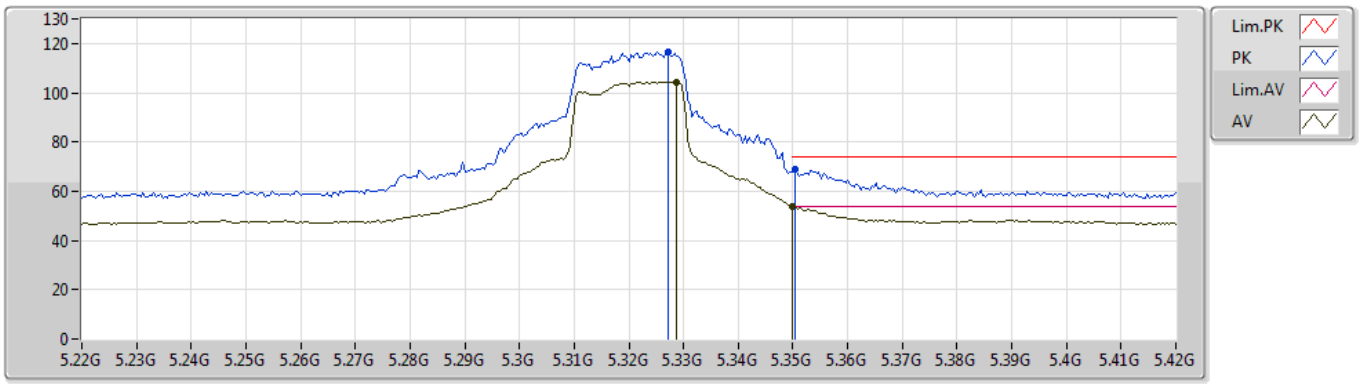
EUT Z_2TX_ANT 180
Setting 79
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3156G	103.85	Inf	-Inf	5.80	3	Vertical	0	2.99	-	98.05
AV	5.3172G	91.76	Inf	-Inf	5.80	3	Vertical	0	2.99	-	85.96
PK	5.35G	59.76	74.00	-14.24	5.81	3	Vertical	0	2.99	-	53.95
AV	5.3516G	46.14	54.00	-7.86	5.81	3	Vertical	0	2.99	-	40.33

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5320MHz_TX

02/11/2019



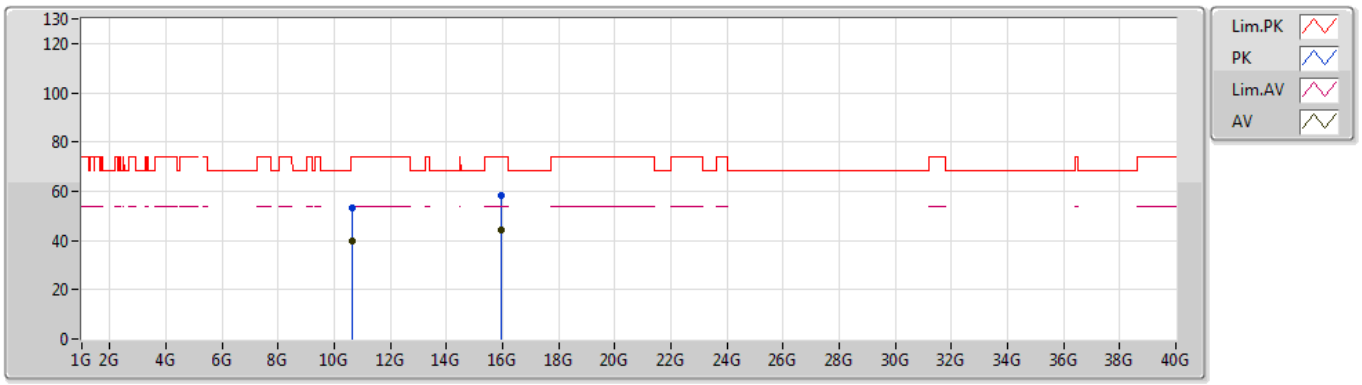
EUT Z_2TX_ANT 180
Setting 79
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3272G	116.61	Inf	-Inf	5.81	3	Horizontal	93	2.32	-	110.80
AV	5.3288G	104.39	Inf	-Inf	5.81	3	Horizontal	93	2.32	-	98.58
PK	5.3504G	68.71	74.00	-5.29	5.81	3	Horizontal	93	2.32	-	62.90
AV	5.35G	53.90	54.00	-0.10	5.81	3	Horizontal	93	2.32	-	48.09

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5320MHz_TX

02/11/2019



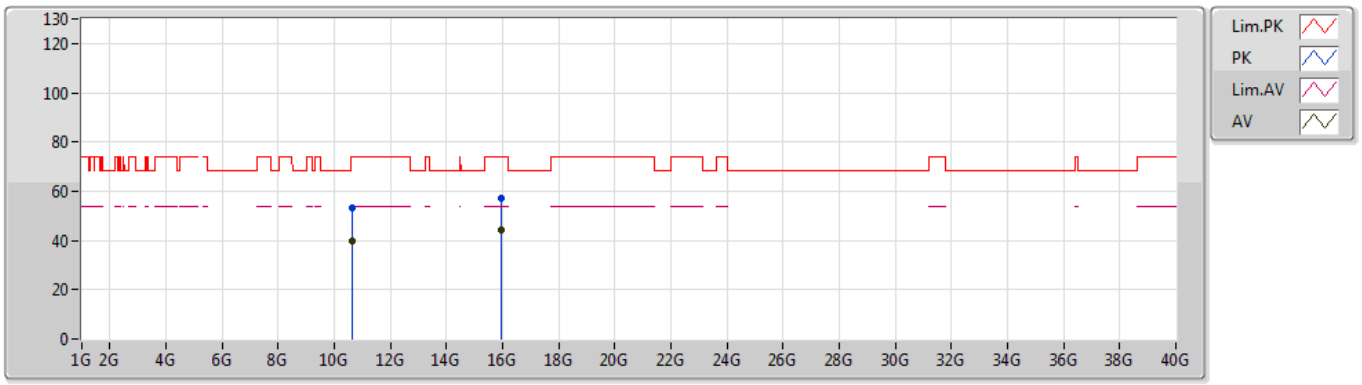
EUT Z_2TX_ANT 180
Setting 79
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.65302G	53.41	74.00	-20.59	12.44	3	Vertical	227	2.21	-	40.97
AV	10.65326G	40.03	54.00	-13.97	12.44	3	Vertical	227	2.21	-	27.59
PK	15.9687G	58.24	74.00	-15.76	12.85	3	Vertical	184	2.99	-	45.39
AV	15.95712G	44.09	54.00	-9.91	12.89	3	Vertical	184	2.99	-	31.20

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5320MHz_TX

02/11/2019



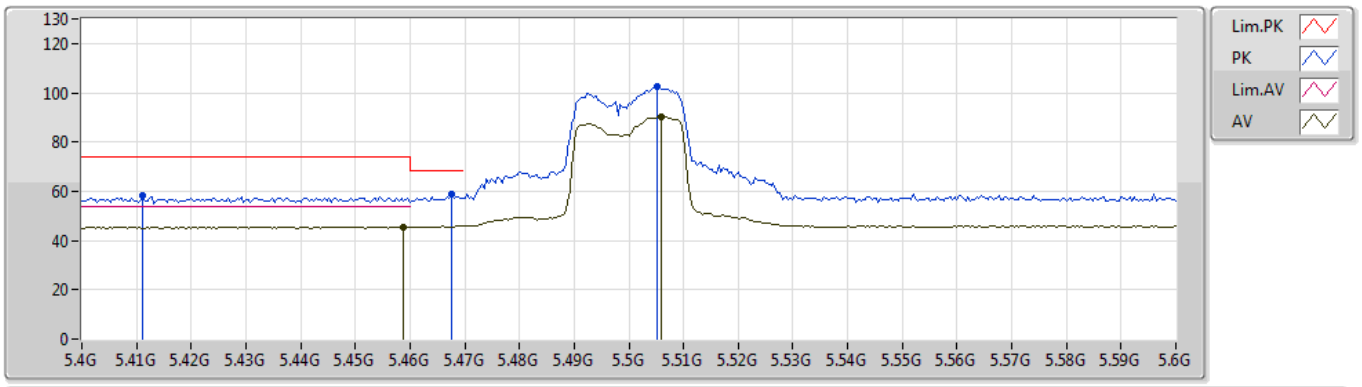
EUT Z_2TX_ANT 180
Setting 79
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.65134G	53.51	74.00	-20.49	12.44	3	Horizontal	196	1.96	-	41.07
AV	10.64534G	40.03	54.00	-13.97	12.44	3	Horizontal	196	1.96	-	27.59
PK	15.97068G	57.16	74.00	-16.84	12.85	3	Horizontal	360	1.13	-	44.31
AV	15.97248G	44.05	54.00	-9.95	12.84	3	Horizontal	360	1.13	-	31.21

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5500MHz_TX

02/11/2019



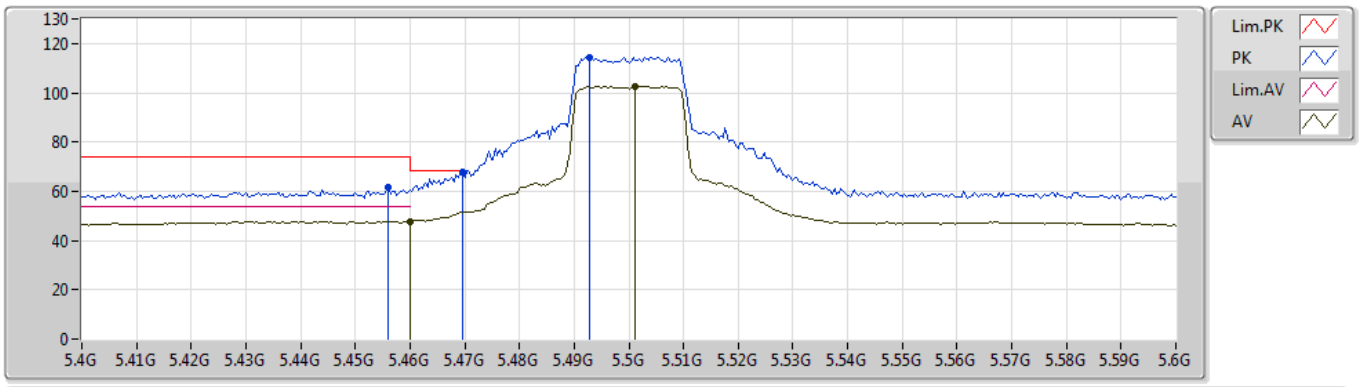
EUT Z_2TX_ANT 180
Setting 50
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4112G	58.32	74.00	-15.68	5.87	3	Vertical	193	2.28	-	52.45
PK	5.4676G	58.58	68.20	-9.62	6.03	3	Vertical	193	2.28	-	52.55
AV	5.4588G	45.50	54.00	-8.50	6.01	3	Vertical	193	2.28	-	39.49
PK	5.5052G	102.45	Inf	-Inf	6.12	3	Vertical	193	2.28	-	96.33
AV	5.506G	90.22	Inf	-Inf	6.12	3	Vertical	193	2.28	-	84.10

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5500MHz_TX

02/11/2019



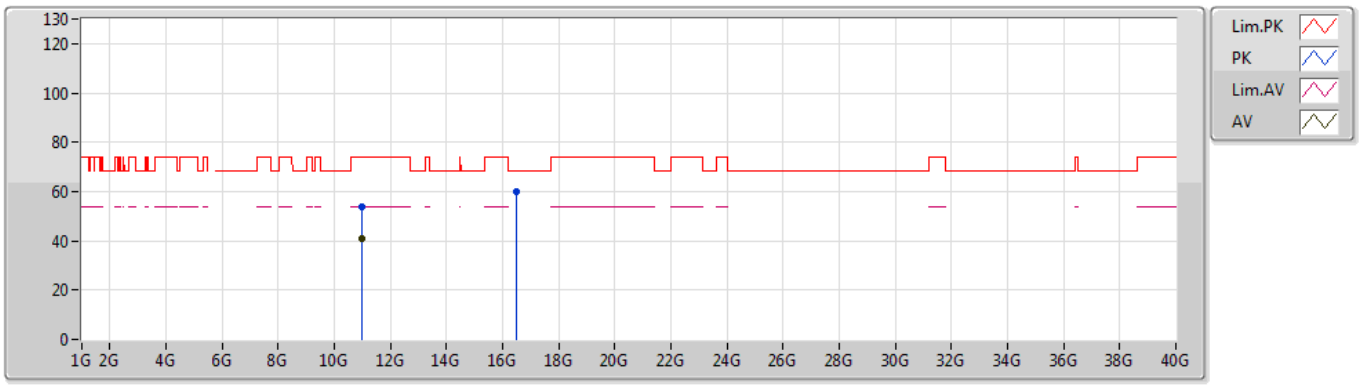
EUT Z_2TX_ANT 180
Setting 50
03-E-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.456G	61.68	74.00	-12.32	6.00	3	Horizontal	94	2.22	-	55.68
AV	5.46G	47.90	54.00	-6.10	6.01	3	Horizontal	94	2.22	-	41.89
PK	5.4696G	67.84	68.20	-0.36	6.04	3	Horizontal	94	2.22	-	61.80
PK	5.4928G	114.28	Inf	-Inf	6.10	3	Horizontal	94	2.22	-	108.18
AV	5.5012G	102.54	Inf	-Inf	6.12	3	Horizontal	94	2.22	-	96.42

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5500MHz_TX

02/11/2019



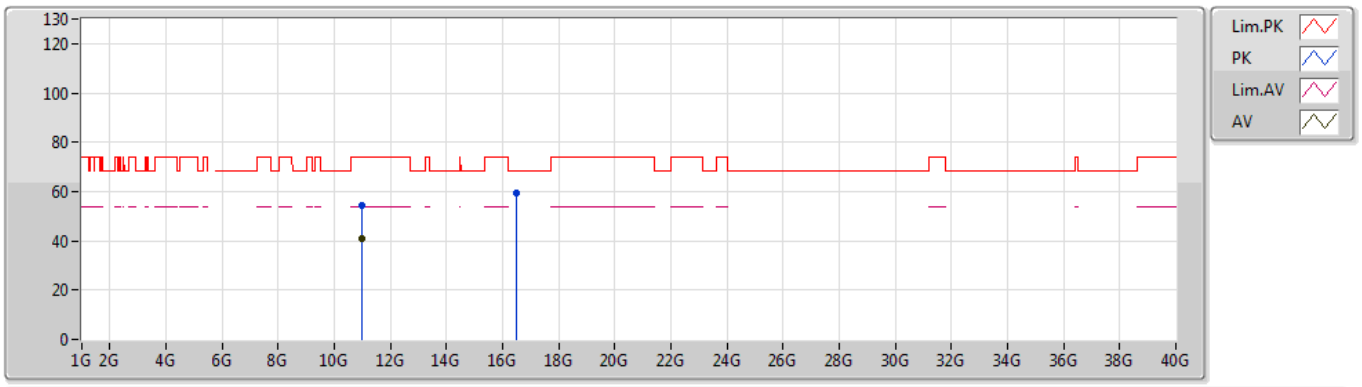
EUT Z_2TX_ANT 180
Setting 50
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.0045G	53.63	74.00	-20.37	12.74	3	Vertical	33	1.00	-	40.89
AV	10.991G	41.05	54.00	-12.95	12.73	3	Vertical	33	1.00	-	28.32
PK	16.50546G	60.16	68.20	-8.04	14.45	3	Vertical	42	1.18	-	45.71

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5500MHz_TX

02/11/2019



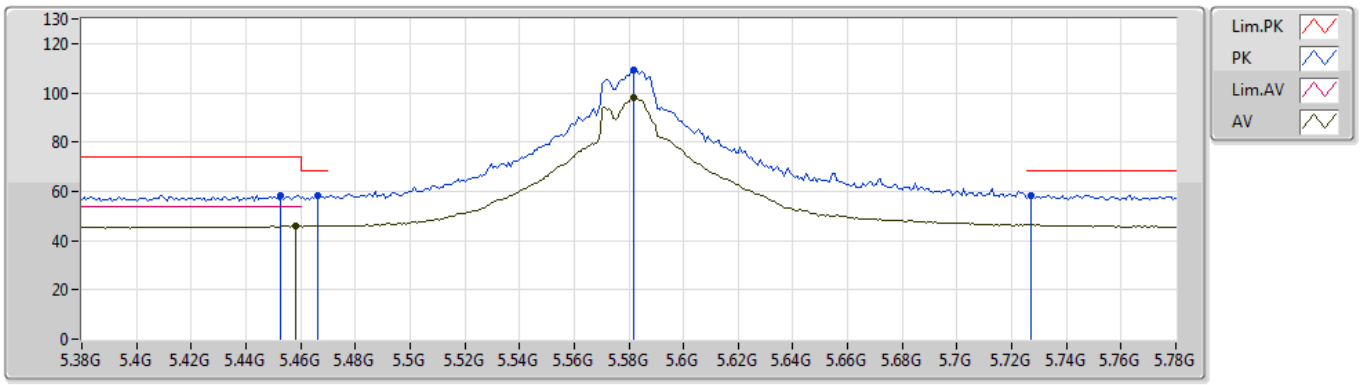
EUT Z_2TX_ANT 180
Setting 50
03-E-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.00174G	54.12	74.00	-19.88	12.74	3	Horizontal	344	1.67	-	41.38
AV	10.99988G	40.77	54.00	-13.23	12.74	3	Horizontal	344	1.67	-	28.03
PK	16.51374G	59.40	68.20	-8.80	14.48	3	Horizontal	14	1.48	-	44.92

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5580MHz_TX

02/11/2019



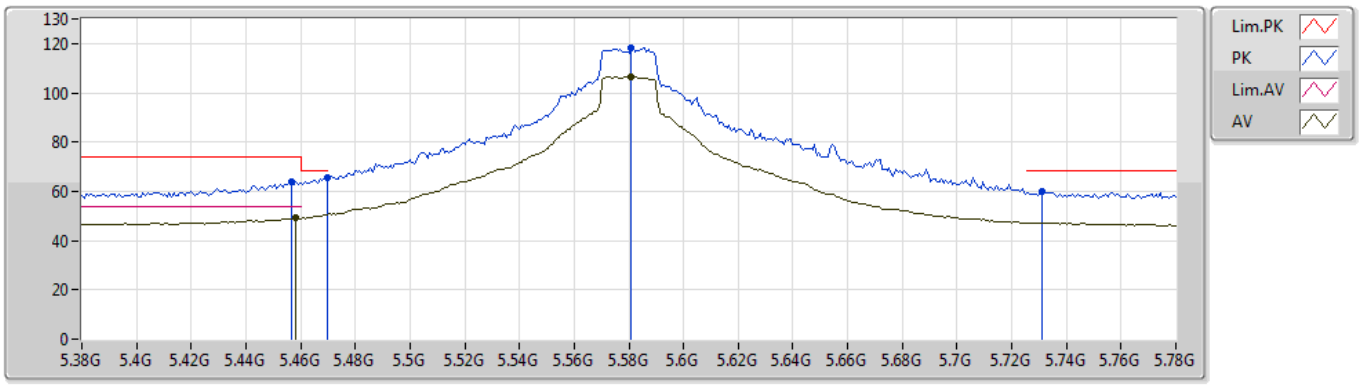
EUT Z_2TX_ANT 180
Setting 188
03-B-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4528G	58.29	74.00	-15.71	5.99	3	Vertical	179	2.83	-	52.30
AV	5.4584G	45.99	54.00	-8.01	6.01	3	Vertical	179	2.83	-	39.98
PK	5.4664G	58.46	68.20	-9.74	6.03	3	Vertical	179	2.83	-	52.43
PK	5.5816G	109.13	Inf	-Inf	6.16	3	Vertical	179	2.83	-	102.97
AV	5.5816G	97.82	Inf	-Inf	6.16	3	Vertical	179	2.83	-	91.66
PK	5.7272G	58.55	68.20	-9.65	5.88	3	Vertical	179	2.83	-	52.67

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5580MHz_TX

02/11/2019



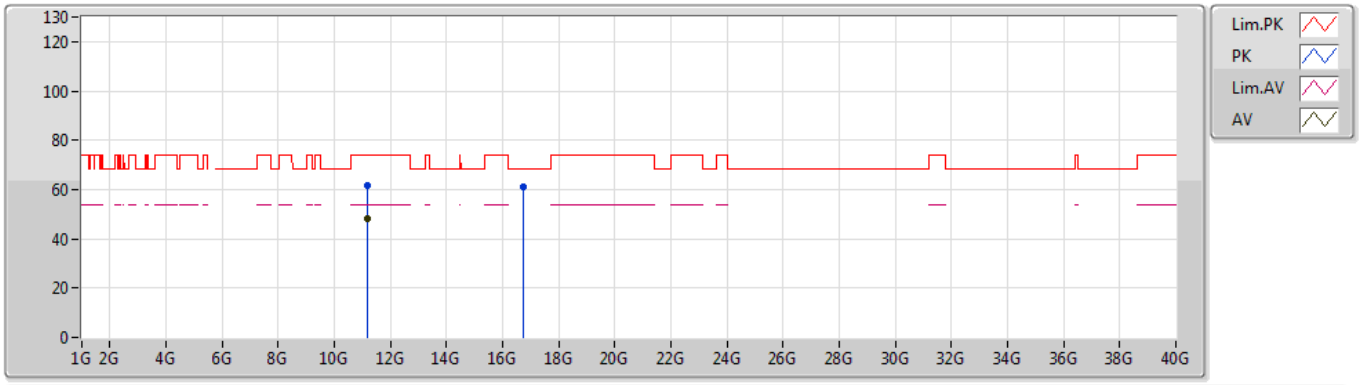
EUT Z_2TX_ANT 180
Setting 188
03-B-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4568G	63.84	74.00	-10.16	6.00	3	Horizontal	264	2.32	-	57.84
AV	5.4584G	49.13	54.00	-4.87	6.01	3	Horizontal	264	2.32	-	43.12
PK	5.4696G	65.76	68.20	-2.44	6.04	3	Horizontal	264	2.32	-	59.72
PK	5.5808G	118.23	Inf	-Inf	6.16	3	Horizontal	264	2.32	-	112.07
AV	5.5808G	106.33	Inf	-Inf	6.16	3	Horizontal	264	2.32	-	100.17
PK	5.7312G	60.19	68.20	-8.01	5.88	3	Horizontal	264	2.32	-	54.31

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5580MHz_TX

02/11/2019



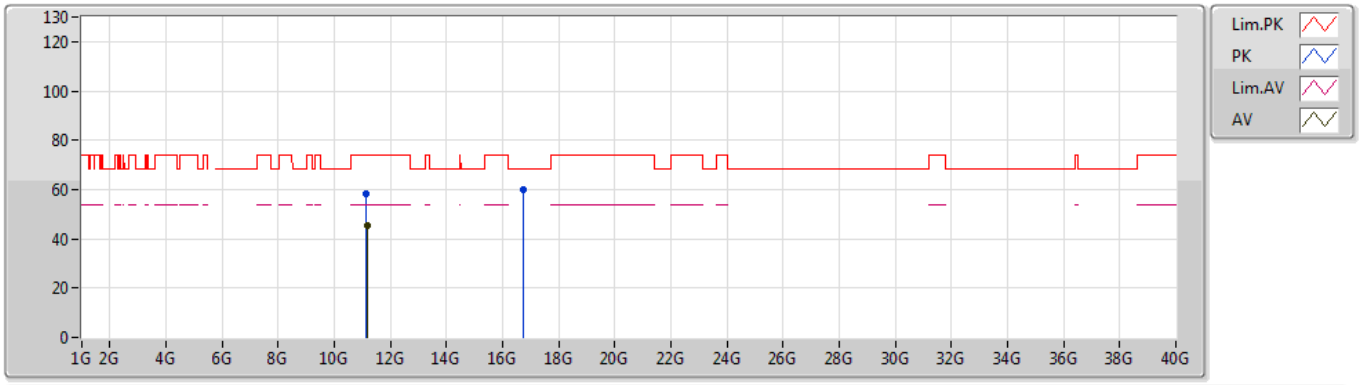
EUT Z_2TX_ANT 180
Setting 188
03-B-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.15928G	61.76	74.00	-12.24	12.82	3	Vertical	11	2.37	-	48.94
AV	11.15904G	48.41	54.00	-5.59	12.82	3	Vertical	11	2.37	-	35.59
PK	16.7448G	60.94	68.20	-7.26	15.26	3	Vertical	331	1.39	-	45.68

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5580MHz_TX

02/11/2019



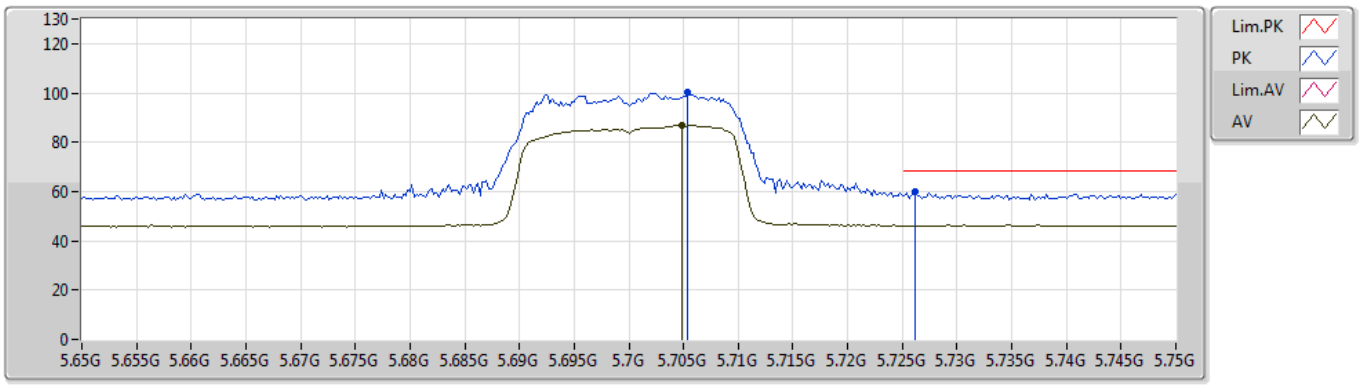
EUT Z_2TX_ANT 180
Setting 188
03-B-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.1552G	58.47	74.00	-15.53	12.83	3	Horizontal	140	1.64	-	45.64
AV	11.15624G	45.20	54.00	-8.80	12.83	3	Horizontal	140	1.64	-	32.37
PK	16.7402G	59.94	68.20	-8.26	15.25	3	Horizontal	45	2.13	-	44.69

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5700MHz_TX

02/11/2019



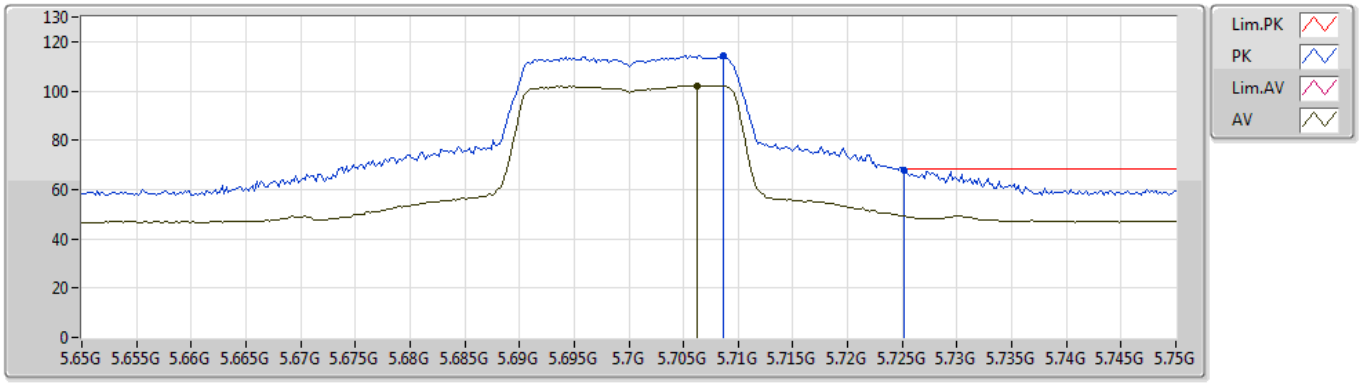
EUT Z_2TX_ANT 180
Setting 30
03-B-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.7054G	100.13	Inf	-Inf	5.92	3	Vertical	166	2.98	-	94.21
AV	5.7048G	86.91	Inf	-Inf	5.92	3	Vertical	166	2.98	-	80.99
PK	5.7262G	60.00	68.20	-8.20	5.89	3	Vertical	166	2.98	-	54.11

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5700MHz_TX

02/11/2019



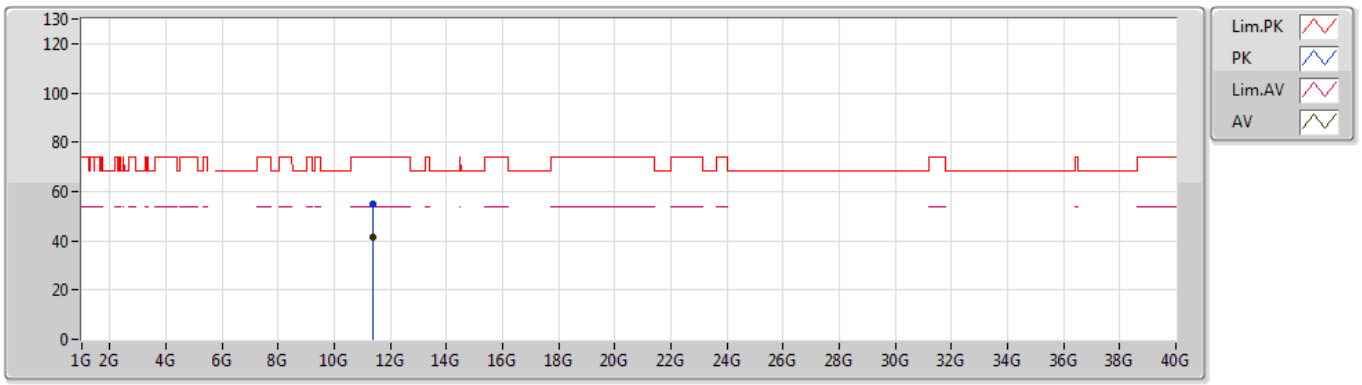
EUT Z_2TX_ANT 180
Setting 30
03-B-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.7086G	114.22	Inf	-Inf	5.92	3	Horizontal	80	2.20	-	108.30
AV	5.7062G	102.20	Inf	-Inf	5.92	3	Horizontal	80	2.20	-	96.28
PK	5.7252G	68.06	68.20	-0.14	5.89	3	Horizontal	80	2.20	-	62.17

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5700MHz_TX

02/11/2019



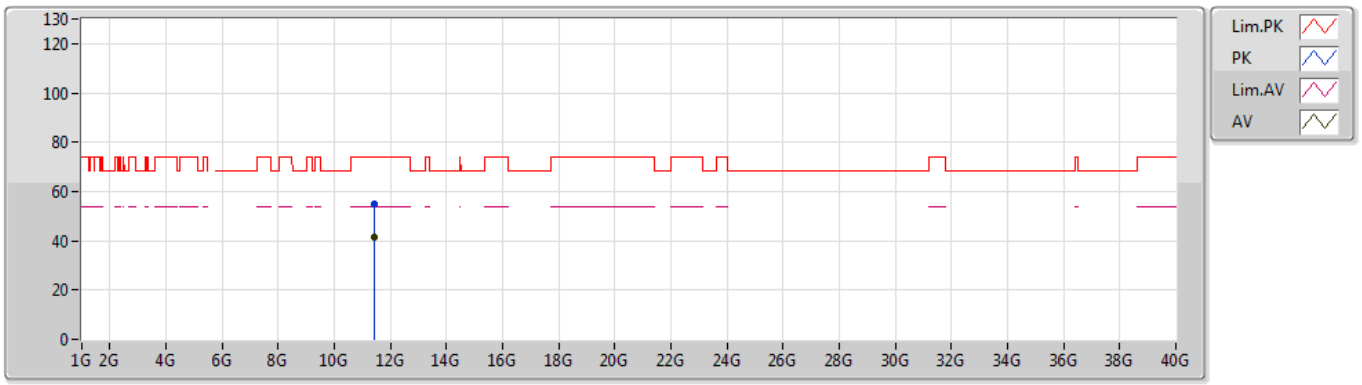
EUT Z_2TX_ANT 180
Setting 30
03-B-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.39736G	54.98	74.00	-19.02	12.96	3	Vertical	219	2.10	-	42.02
AV	11.39736G	41.69	54.00	-12.31	12.96	3	Vertical	219	2.10	-	28.73

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5700MHz_TX

02/11/2019



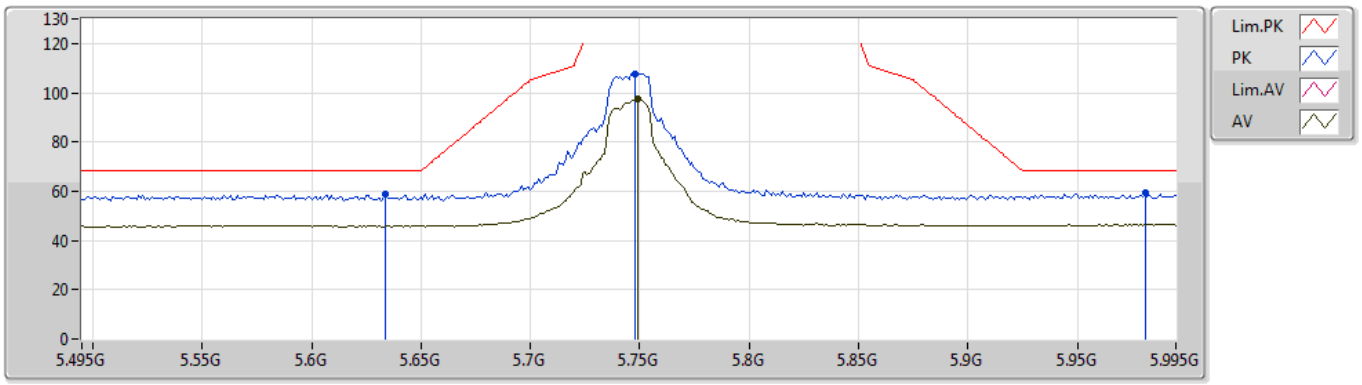
EUT Z_2TX_ANT 180
Setting 30
03-B-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.40692G	55.18	74.00	-18.82	12.95	3	Horizontal	78	1.53	-	42.23
AV	11.40688G	41.58	54.00	-12.42	12.95	3	Horizontal	78	1.53	-	28.63

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

02/11/2019



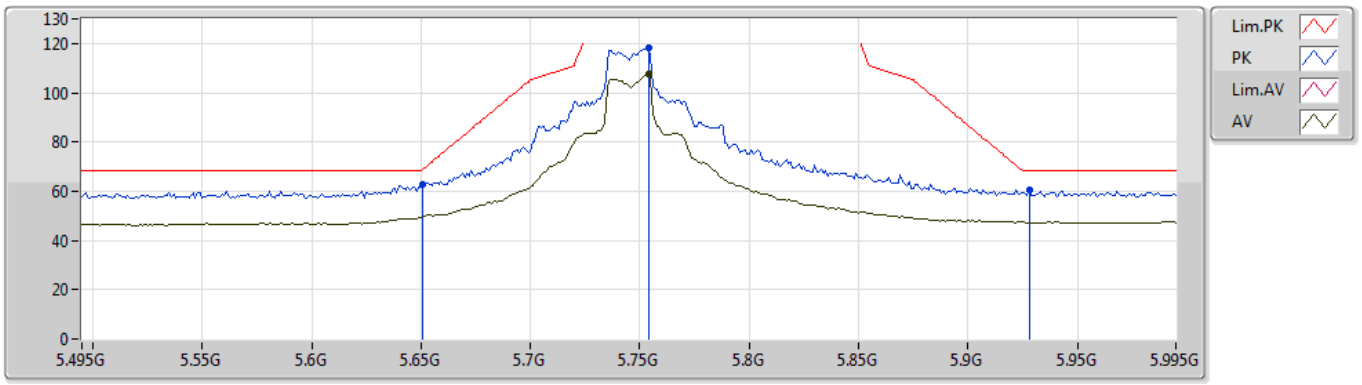
EUT Z_2TX_ANT 180
Setting 150
03-B-4-10
FSP(100019)

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	58.84	68.20	-9.36	6.10	3	Vertical	170	2.96	-	52.74
PK	5.748G	107.83	Inf	-Inf	5.86	3	Vertical	170	2.96	-	101.97
AV	5.749G	97.33	Inf	-Inf	5.86	3	Vertical	170	2.96	-	91.47
PK	5.981G	59.49	68.20	-8.71	6.34	3	Vertical	170	2.96	-	53.15

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

02/11/2019



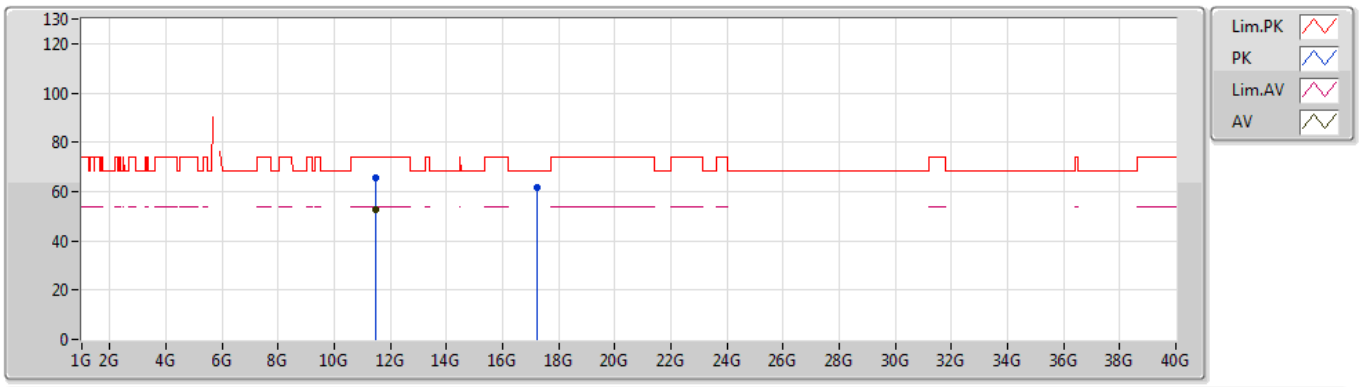
EUT Z_2TX_ANT 180
Setting 150
03-B-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.651G	62.87	68.94	-6.07	6.04	3	Horizontal	281	2.56	-	56.83
PK	5.754G	118.11	Inf	-Inf	5.85	3	Horizontal	281	2.56	-	112.26
AV	5.754G	107.38	Inf	-Inf	5.85	3	Horizontal	281	2.56	-	101.53
PK	5.928G	60.59	68.20	-7.61	6.15	3	Horizontal	281	2.56	-	54.44

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

02/11/2019



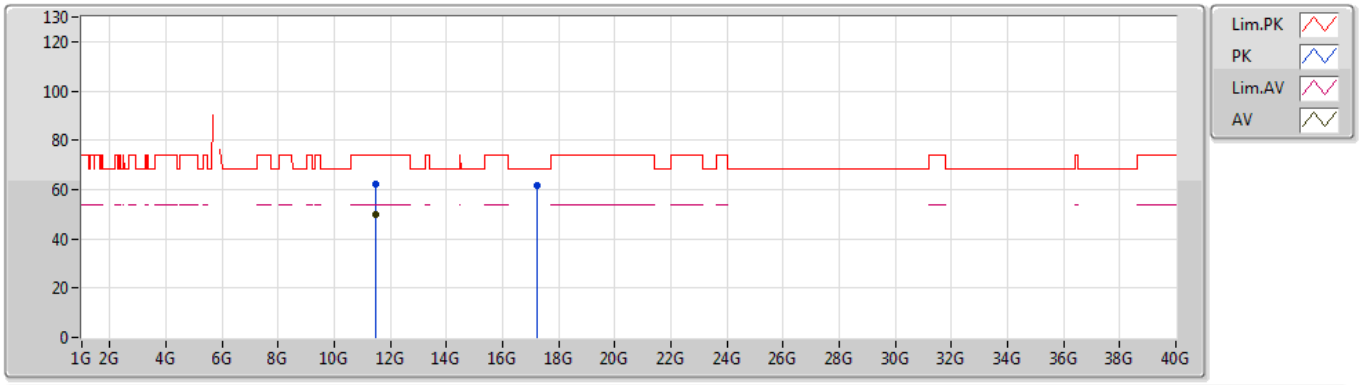
EUT Z_2TX_ANT 180
Setting 150
03-B-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.49432G	65.71	74.00	-8.29	13.01	3	Vertical	153	1.30	-	52.70
AV	11.496G	52.85	54.00	-1.15	13.01	3	Vertical	153	1.30	-	39.84
PK	17.23548G	61.50	68.20	-6.70	17.26	3	Vertical	194	1.23	-	44.24

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

02/11/2019



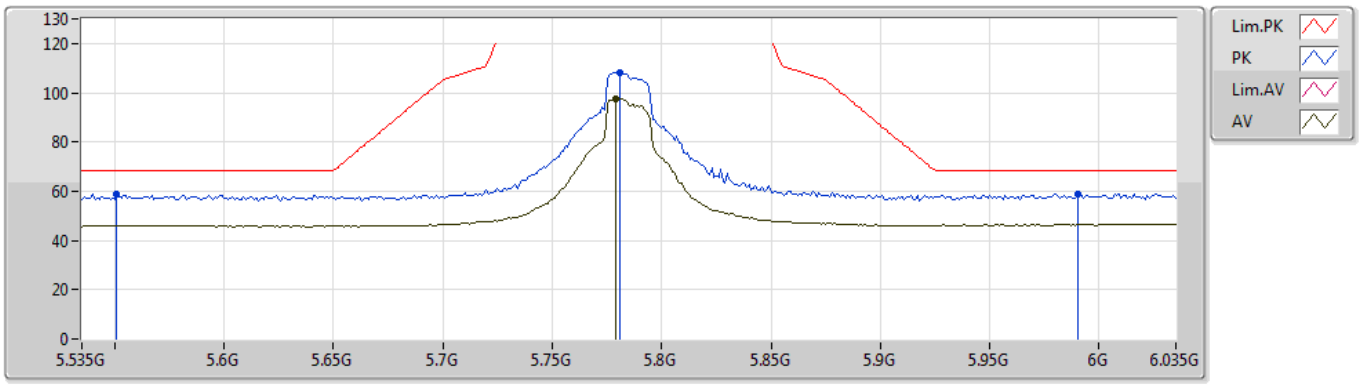
EUT Z_2TX_ANT 180
Setting 150
03-B-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.4952G	62.40	74.00	-11.60	13.01	3	Horizontal	135	1.83	-	49.39
AV	11.49392G	49.75	54.00	-4.25	13.01	3	Horizontal	135	1.83	-	36.74
PK	17.23444G	61.75	68.20	-6.45	17.33	3	Horizontal	326	1.82	-	44.42

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

02/11/2019



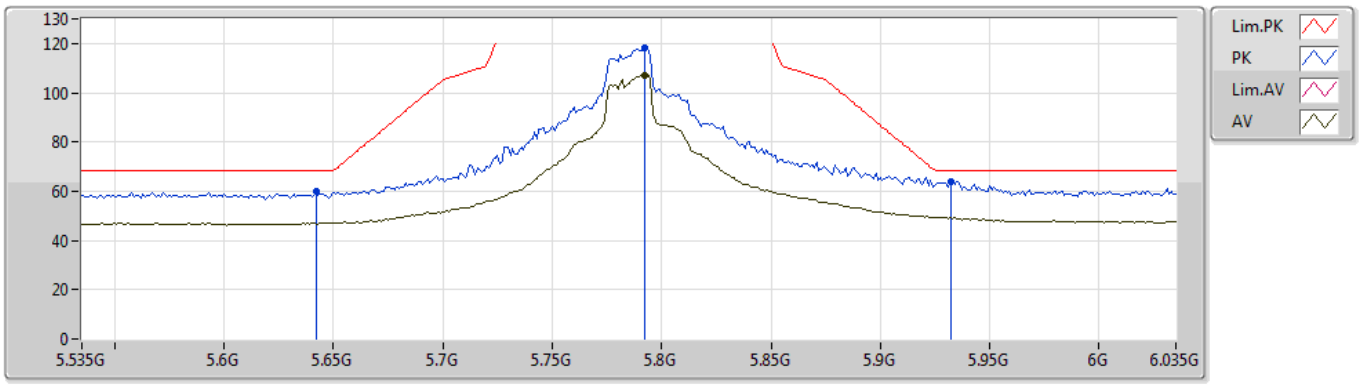
EUT Z_2TX_ANT 180
Setting 150
03-B-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.551G	58.95	68.20	-9.25	6.14	3	Vertical	175	2.25	-	52.81
PK	5.781G	108.21	Inf	-Inf	5.80	3	Vertical	175	2.25	-	102.41
AV	5.779G	97.66	Inf	-Inf	5.81	3	Vertical	175	2.25	-	91.85
PK	5.99G	58.95	68.20	-9.25	6.38	3	Vertical	175	2.25	-	52.57

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

02/11/2019



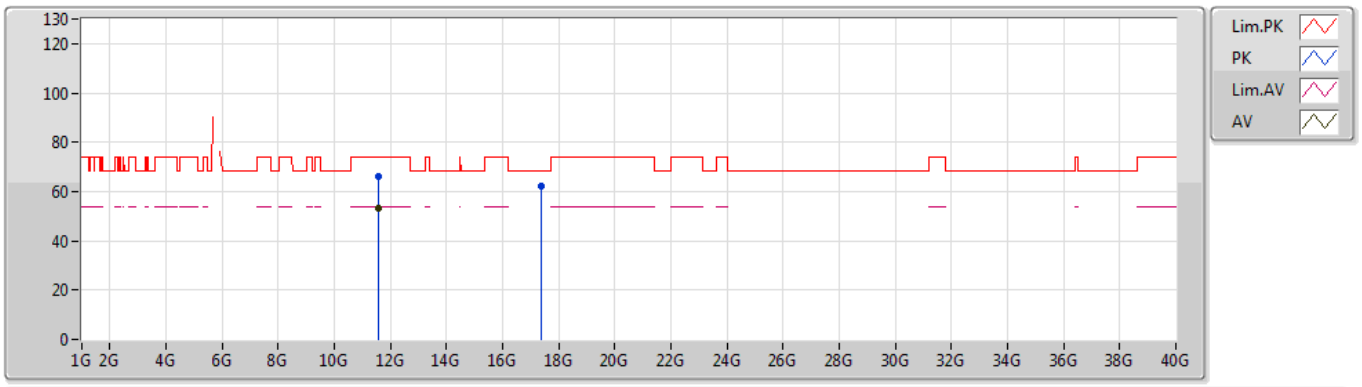
EUT Z_2TX_ANT 180
Setting 150
03-B-4-10
FSP(100019)

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	59.92	68.20	-8.28	6.08	3	Horizontal	277	2.23	-	53.84
PK	5.792G	118.23	Inf	-Inf	5.79	3	Horizontal	277	2.23	-	112.44
AV	5.792G	107.30	Inf	-Inf	5.79	3	Horizontal	277	2.23	-	101.51
PK	5.932G	63.95	68.20	-4.25	6.18	3	Horizontal	277	2.23	-	57.77

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

02/11/2019



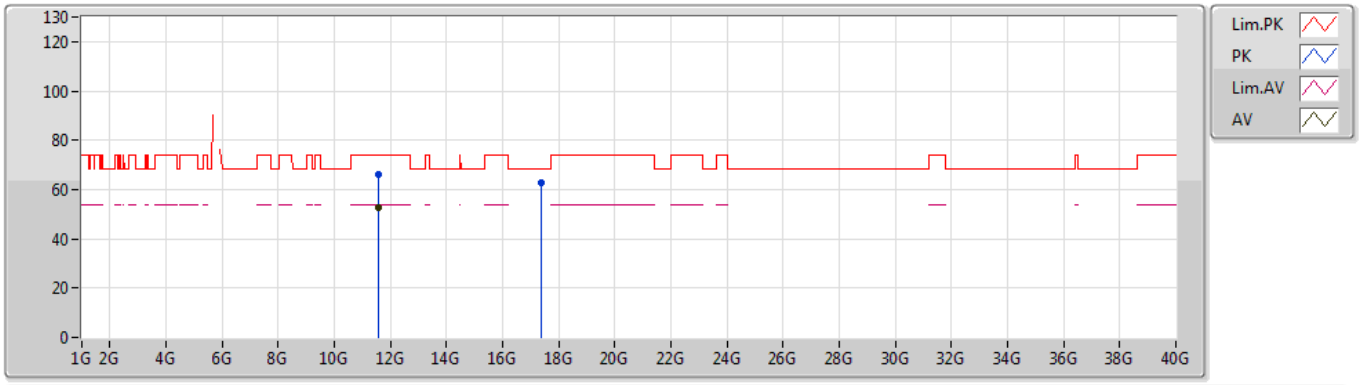
EUT Z_2TX_ANT 180
Setting 150
03-B-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.57376G	66.37	74.00	-7.63	13.04	3	Vertical	101	1.90	-	53.33
AV	11.57192G	53.26	54.00	-0.74	13.04	3	Vertical	101	1.90	-	40.22
PK	17.35548G	62.39	68.20	-5.81	17.95	3	Vertical	115	1.33	-	44.44

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

02/11/2019



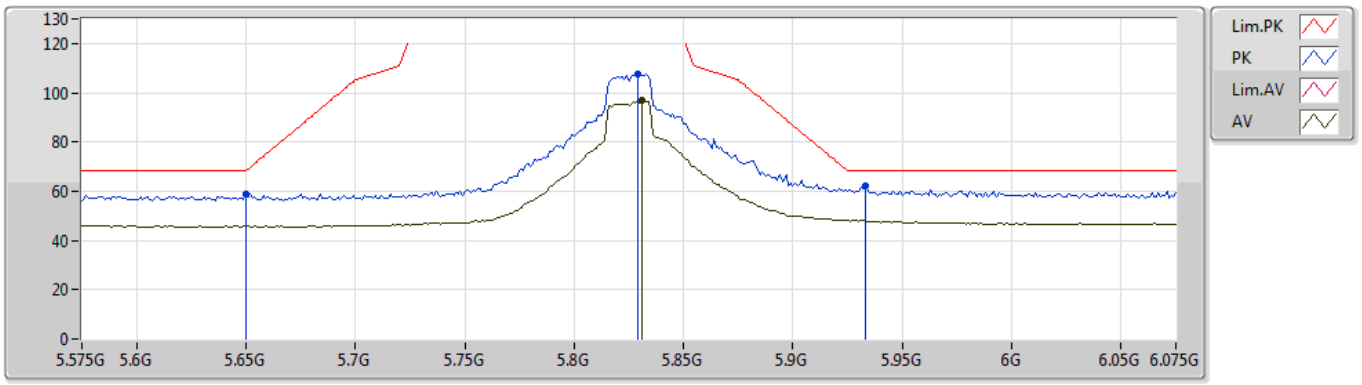
EUT Z_2TX_ANT 180
Setting 150
03-B-4
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.57416G	65.98	74.00	-8.02	13.04	3	Horizontal	29	2.79	-	52.94
AV	11.57216G	52.40	54.00	-1.60	13.04	3	Horizontal	29	2.79	-	39.36
PK	17.3566G	62.51	68.20	-5.69	17.96	3	Horizontal	348	1.83	-	44.55

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

02/11/2019



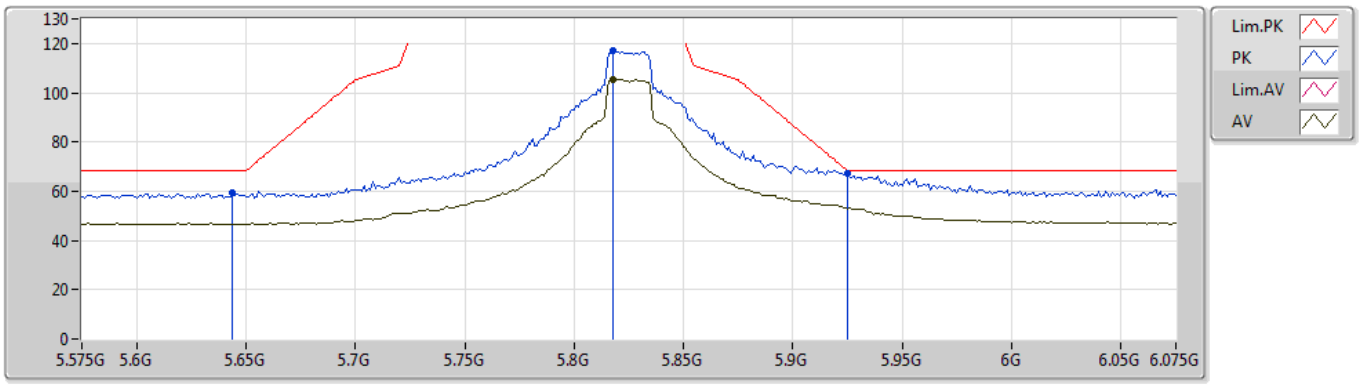
EUT Z_2TX_ANT 180
Setting 150
03-B-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.65G	58.66	68.20	-9.54	6.06	3	Vertical	228	2.98	-	52.60
PK	5.829G	107.70	Inf	-Inf	5.86	3	Vertical	228	2.98	-	101.84
AV	5.831G	96.73	Inf	-Inf	5.86	3	Vertical	228	2.98	-	90.87
PK	5.933G	61.94	68.20	-6.26	6.18	3	Vertical	228	2.98	-	55.76

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

02/11/2019



EUT Z_2TX_ANT 180
Setting 150
03-B-4-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.644G	59.12	68.20	-9.08	6.07	3	Horizontal	84	2.16	-	53.05
PK	5.818G	117.05	Inf	-Inf	5.83	3	Horizontal	84	2.16	-	111.22
AV	5.818G	105.42	Inf	-Inf	5.83	3	Horizontal	84	2.16	-	99.59
PK	5.925G	67.15	68.20	-1.05	6.15	3	Horizontal	84	2.16	-	61.00