FCC RADIO TEST REPORT

FCC ID	:	Z3WAIR4921
Equipment	:	Home Wi-Fi Solution Kit, Air4921 3x3 11ac Smart Mesh Access Point, AT&T SMART WI-FI EXTENDER, AIRTIES WIFI EXTENDER
Brand Name	:	AirTies
Model Name	:	Air 4921
Applicant	:	AirTies Wireless Networks Mithat Uluunlu Sokak No. 23 Esentepe, Sisli Istanbul, 34394 Turkey
Manufacturer	:	AirTies Wireless Networks Mithat Uluunlu Sokak No. 23 Esentepe, Sisli Istanbul, 34394 Turkey
Standard	:	47 CFR FCC Part 15.407

The product was received on Nov. 21, 2018, and testing was started from Nov. 21, 2018 and completed on Nov. 30, 2018. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

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

Approved by: Cliff Chang

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

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History of this test report

Report No.	Version	Description	Issued Date
FR8N2027AB	01	Initial issue of report	Dec. 18, 2018

Summary of Test Result

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

Declaration of Conformity:
The judgment of conformity in the report is based on the measurement results excluding the measurement uncertainty.
Comments and Explanations:
The EUT supports AP Router and Mesh mode, only AP Router mode was tested and recorded in this test report for applicant request.

Reviewed by: Cliff Chang

Report Producer: Vicky Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [9]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [4]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [2]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	3TX
5.15-5.25GHz	802.11n HT20	20	3TX
5.15-5.25GHz	802.11n HT20-BF	20	3TX
5.15-5.25GHz	802.11ac VHT20	20	3TX
5.15-5.25GHz	802.11ac VHT20-BF	20	3TX
5.15-5.25GHz	802.11n HT40	40	3TX
5.15-5.25GHz	802.11n HT40-BF	40	3TX
5.15-5.25GHz	802.11ac VHT40	40	3TX
5.15-5.25GHz	802.11ac VHT40-BF	40	3TX
5.15-5.25GHz	802.11ac VHT80	80	3TX
5.15-5.25GHz	802.11ac VHT80-BF	80	3TX
5.25-5.35GHz	802.11a	20	3TX
5.25-5.35GHz	802.11n HT20	20	3TX
5.25-5.35GHz	802.11n HT20-BF	20	3TX
5.25-5.35GHz	802.11ac VHT20	20	3TX
5.25-5.35GHz	802.11ac VHT20-BF	20	3TX

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11n HT40	40	3TX
5.25-5.35GHz	802.11n HT40-BF	40	3TX
5.25-5.35GHz	802.11ac VHT40	40	3TX
5.25-5.35GHz	802.11ac VHT40-BF	40	3TX
5.25-5.35GHz	802.11ac VHT80	80	3TX
5.25-5.35GHz	802.11ac VHT80-BF	80	3TX
5.47-5.725GHz	802.11a	20	3TX
5.47-5.725GHz	802.11n HT20	20	3TX
5.47-5.725GHz	802.11n HT20-BF	20	3TX
5.47-5.725GHz	802.11ac VHT20	20	3TX
5.47-5.725GHz	802.11ac VHT20-BF	20	3TX
5.47-5.725GHz	802.11n HT40	40	3TX
5.47-5.725GHz	802.11n HT40-BF	40	3TX
5.47-5.725GHz	802.11ac VHT40	40	3TX
5.47-5.725GHz	802.11ac VHT40-BF	40	3TX
5.47-5.725GHz	802.11ac VHT80	80	3TX
5.47-5.725GHz	802.11ac VHT80-BF	80	3TX
5.725-5.85GHz	802.11a	20	3TX
5.725-5.85GHz	802.11n HT20	20	3TX
5.725-5.85GHz	802.11n HT20-BF	20	3TX
5.725-5.85GHz	802.11ac VHT20	20	3TX
5.725-5.85GHz	802.11ac VHT20-BF	20	3TX
5.725-5.85GHz	802.11n HT40	40	3TX
5.725-5.85GHz	802.11n HT40-BF	40	3TX
5.725-5.85GHz	802.11ac VHT40	40	3TX
5.725-5.85GHz	802.11ac VHT40-BF	40	3TX
5.725-5.85GHz	802.11ac VHT80	80	3TX
5.725-5.85GHz	802.11ac VHT80-BF	80	3TX

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	-	-	Printed Antenna	Murata	2.4GHz Antenna
2	2	Airgain	N2420S	PIFA Antenna	I-PEX	2.4GHz Antenna
3	1	-	-	Printed Antenna	Murata	5GHz Antenna
4	2	-	-	Printed Antenna	Murata	5GHz Antenna
5	3	-	-	Printed Antenna	Murata	5GHz Antenna

2.4GHz Antenna Gain (dBi)			
Ant.	**Port**	**2390-2440MHz**	**2440-2470MHz**
Ant. 1	1	3.24	3.71
Ant. 2	2	3.24	3.71

5GHz Antenna Gain (dBi)						
Ant.	**Port**	**5150-5350MHz**	**5470-5600MHz**	**5650-5725MHz**	**5725-5815MHz**	**5815-5850MHz**
Ant. 3	1	4.2	4.9	4.2	4.1	3.2
Ant. 4	2	4.2	4.9	4.2	4.1	3.2
Ant. 5	3	4.2	4.9	4.2	4.1	3.2

Note: The EUT has five antennas.

For 2.4GHz function:

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

The EUT supports the antenna with TX and RX diversity functions.

Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.

The Port 1 generated the worst case, so it was selected to test and record in the report.

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

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

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

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

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.986	0.061	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20-BF	0.986	0.061	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40-BF	0.973	0.119	953.75u	3k
802.11ac VHT80-BF	0.946	0.241	461.25u	3k

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

1.1.4 EUT Operational Condition

EUT Power Type	From power adapter			
Beamforming Function	☒	With beamforming for 802.11n/ac in 5GHz	☐	Without beamforming
Weather Band	☐	With 5600~5650MHz	☒	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	Mtool_3.0.0.2			

1.1.5 Table for Multiple Listing

The equipment names in the following table are all refer to the identical product.

Equipment Name	Description
Home Wi-Fi Solution Kit	All the equipment are identical, the difference equipment served as marketing strategy.
Air4921 3x3 11ac Smart Mesh Access Point	
AT&T SMART WI-FI EXTENDER	
AIRTIES WIFI EXTENDER	

From the above, equipment name: Home Wi-Fi Solution Kit was selected as representative for the test and its data was recorded in this report.

1.1.6 Table for EUT support function

Function
AP Router mode
Mesh mode

Note:
The EUT supports AP Router and Mesh mode, only AP Router mode was tested and recorded in this test report for applicant request.

1.2 Testing Applied Standards

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Owen Hsu	22°C / 54%	Nov. 21, 2018~ Nov. 30, 2018
Radiated	03CH01-CB	RJ Huang	22°C / 54%	Nov. 21, 2018~ Nov. 26, 2018
AC Conduction	CO01-CB	Rick Yeh	22°C / 58%	Nov. 26, 2018

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

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_3TX	-
5180MHz	74
5200MHz	80
5240MHz	100
5260MHz	64
5300MHz	64
5320MHz	64
5500MHz	58
5580MHz	58
5700MHz	67
5720MHz Straddle 5.47-5.725GHz	66
5720MHz Straddle 5.725-5.85GHz	61
5745MHz	100
5785MHz	100
5825MHz	100
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-
5180MHz	70
5200MHz	65
5240MHz	100
5260MHz	61
5300MHz	59
5320MHz	61
5500MHz	58
5580MHz	58
5700MHz	62
5720MHz Straddle 5.47-5.725GHz	61
5720MHz Straddle 5.725-5.85GHz	61
5745MHz	82
5785MHz	82
5825MHz	100
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-

Mode	Power Setting
5190MHz	63
5230MHz	83
5270MHz	63
5310MHz	63
5510MHz	62
5550MHz	63
5670MHz	66
5710MHz Straddle 5.47-5.725GHz	67
5710MHz Straddle 5.725-5.85GHz	67
5755MHz	85
5795MHz	85
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-
5210MHz	52
5290MHz	60
5530MHz	58
5690MHz Straddle 5.47-5.725GHz	66
5690MHz Straddle 5.725-5.85GHz	66
5775MHz	80

Note:
- VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.
- There are two modes of EUT for 802.11ac in 5GHz. 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.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
1	AP Router 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	Normal Link
1	AP Router mode - EUT in Y axis
Operating Mode > 1GHz	CTX
1	EUT in Y axis

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA8N2027 for Co-location RF Exposure Evaluation.	

Note: The EUT only be used at Y axis.

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.
The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under LanTest20、Telnet.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by WLAN module and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter	MOSO	MSA-C1000IC12.0-12W-US	Input: 100-240V~50/60Hz, 0.5A max. Output: 12.0V, 1A

2.5 Support Equipment

For Test Site No: CO01-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E6430	N/A
B	2.4G NB	DELL	E6430	N/A
C	5G NB	DELL	E6430	N/A

For Test Site No: 03CH01-CB (below 1GHz)

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E4300	N/A
B	2.4G NB	DELL	E4300	N/A
C	5G NB	DELL	E4300	N/A

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

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

For beamforming mode:

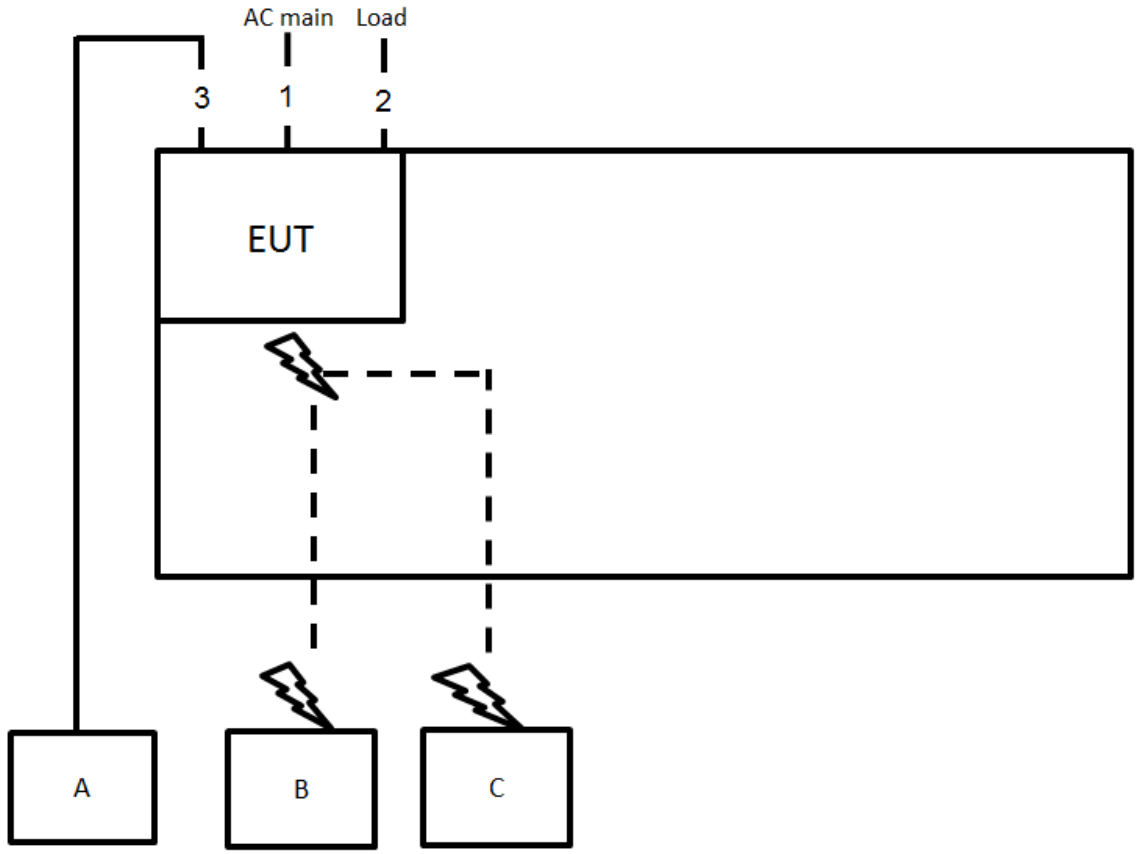
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E4300	N/A
B	Device NB	DELL	E4300	N/A
C	WLAN module	Boardcom	BCM943162ZP	QDS-BRCM1075

For Test Site No: TH01-CB

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

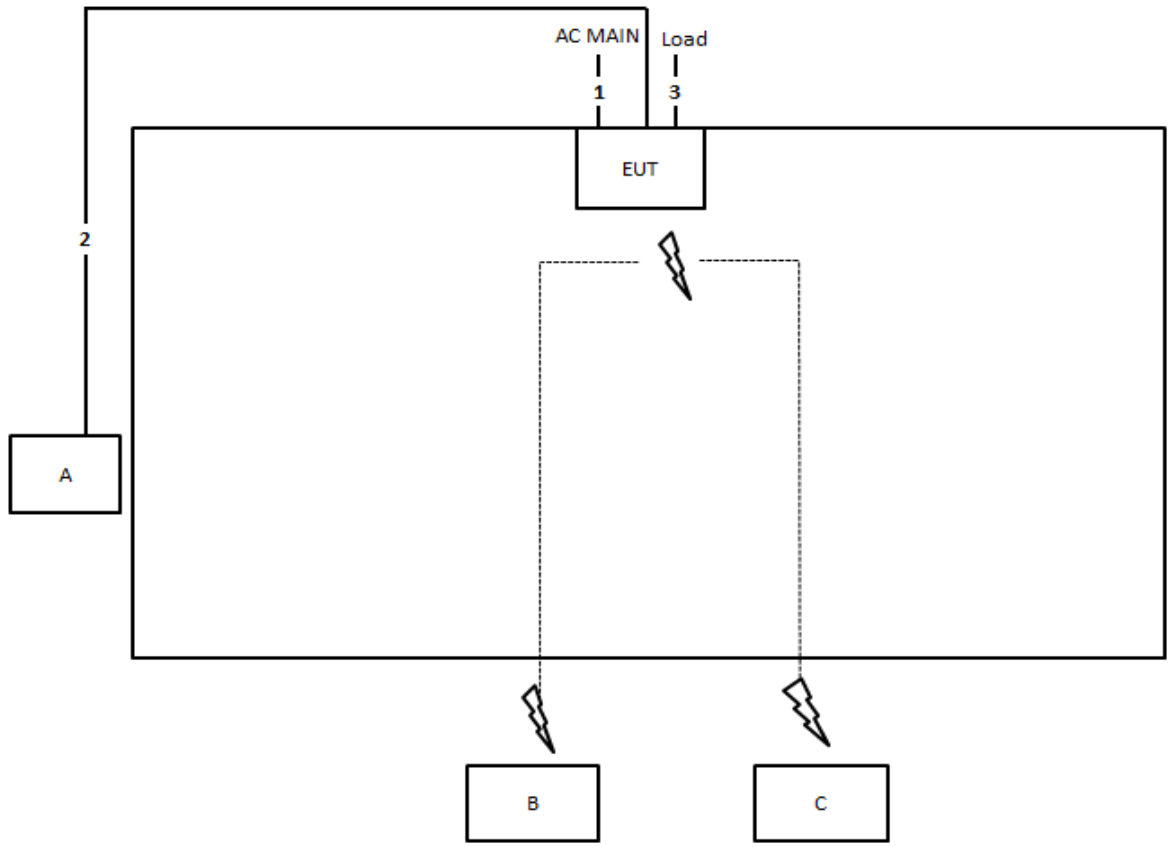
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



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

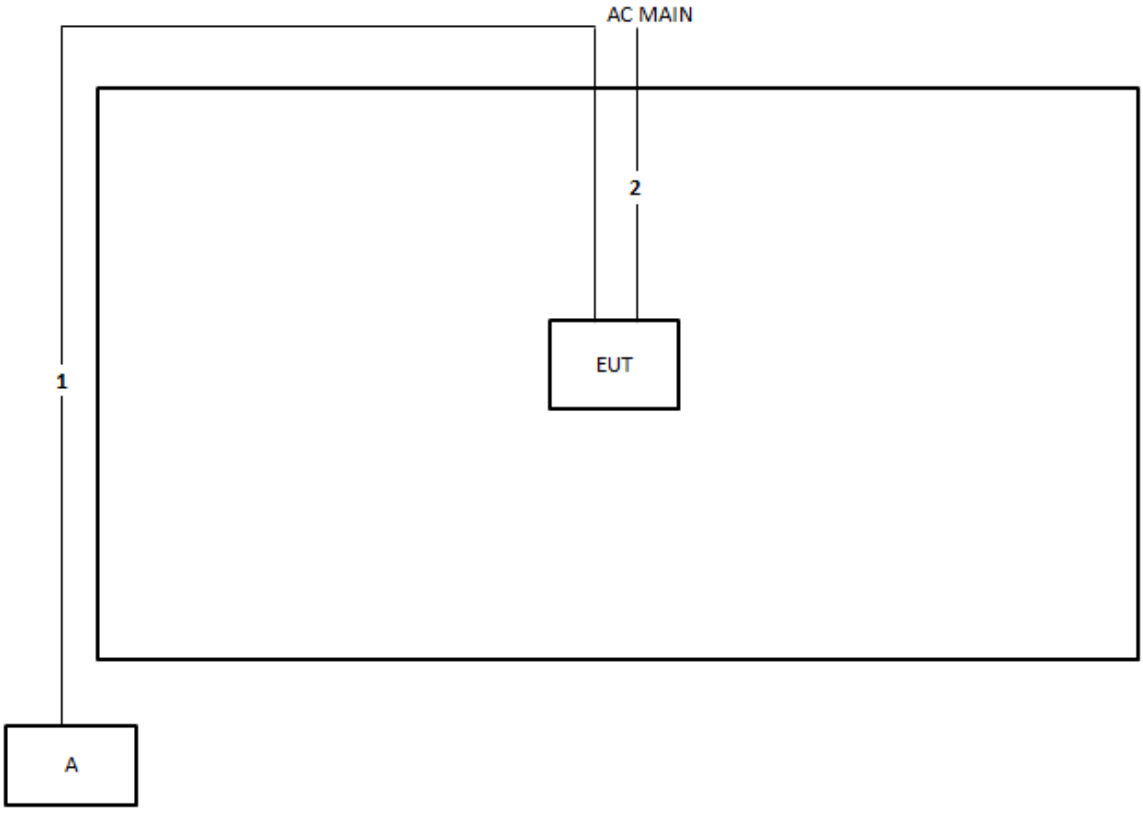
Test Setup Diagram - Radiated Test < 1GHz



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

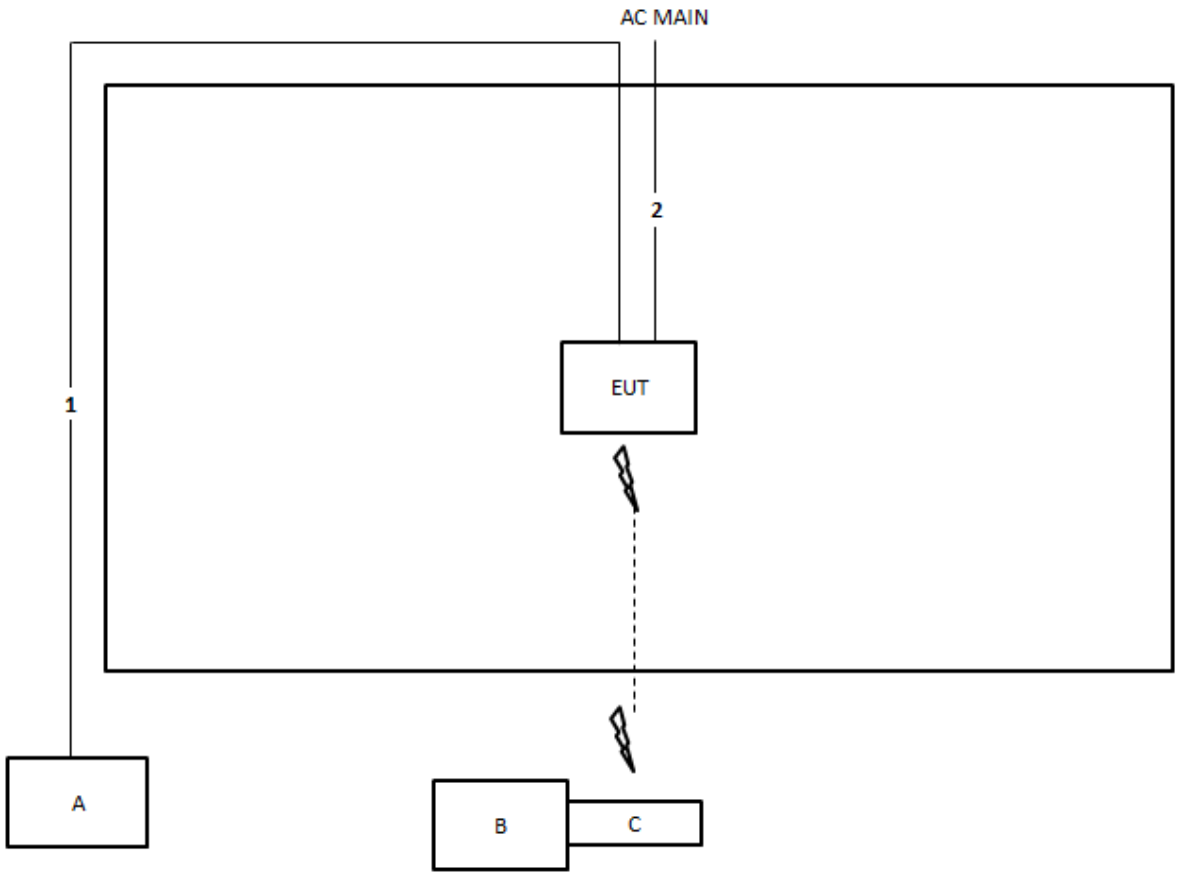
Test Setup Diagram - Radiated Test > 1GHz

For non-beamforming mode:



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

For beamforming mode:



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

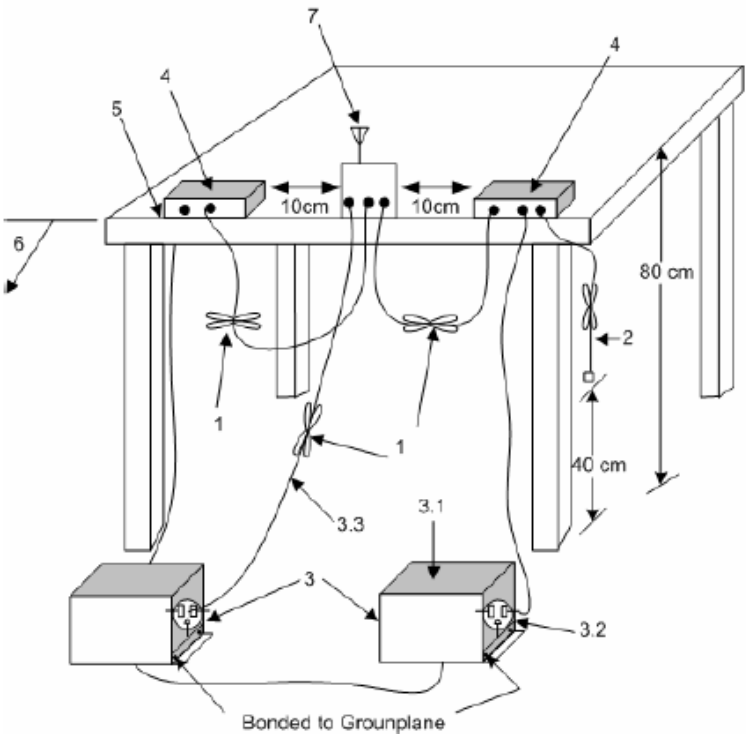
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

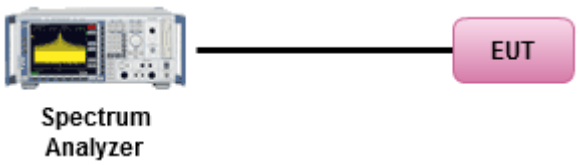
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

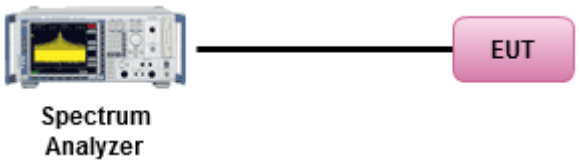
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

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

3.3.4 Test Setup

For straddle channel:

RF Output Power (Spectrum Analyzer)


For other channel:

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

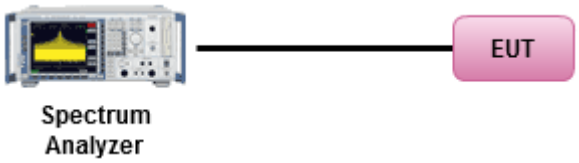
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

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

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

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

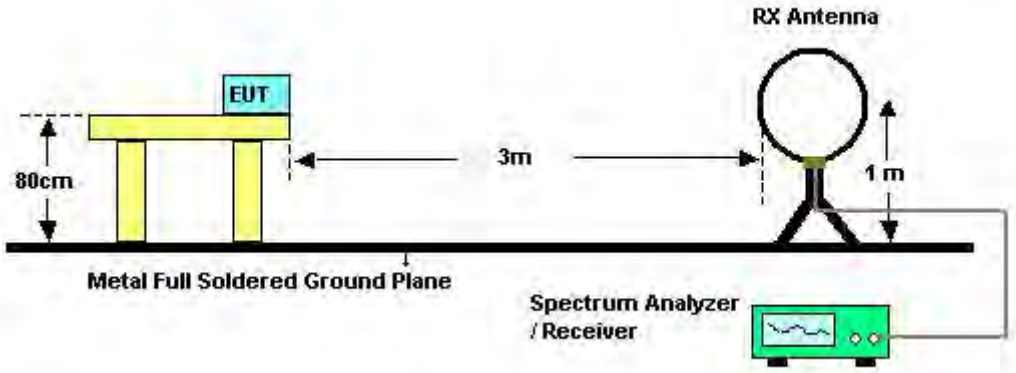
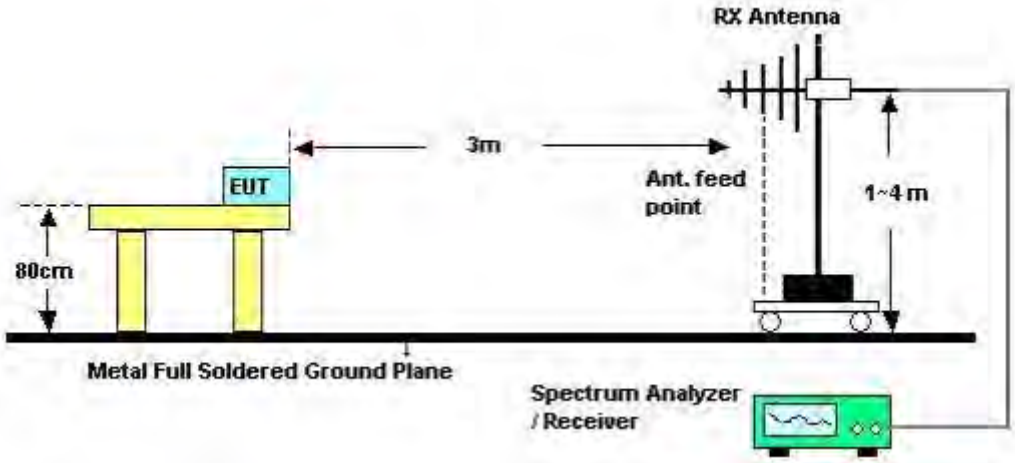
3.5.2 Measuring Instruments

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

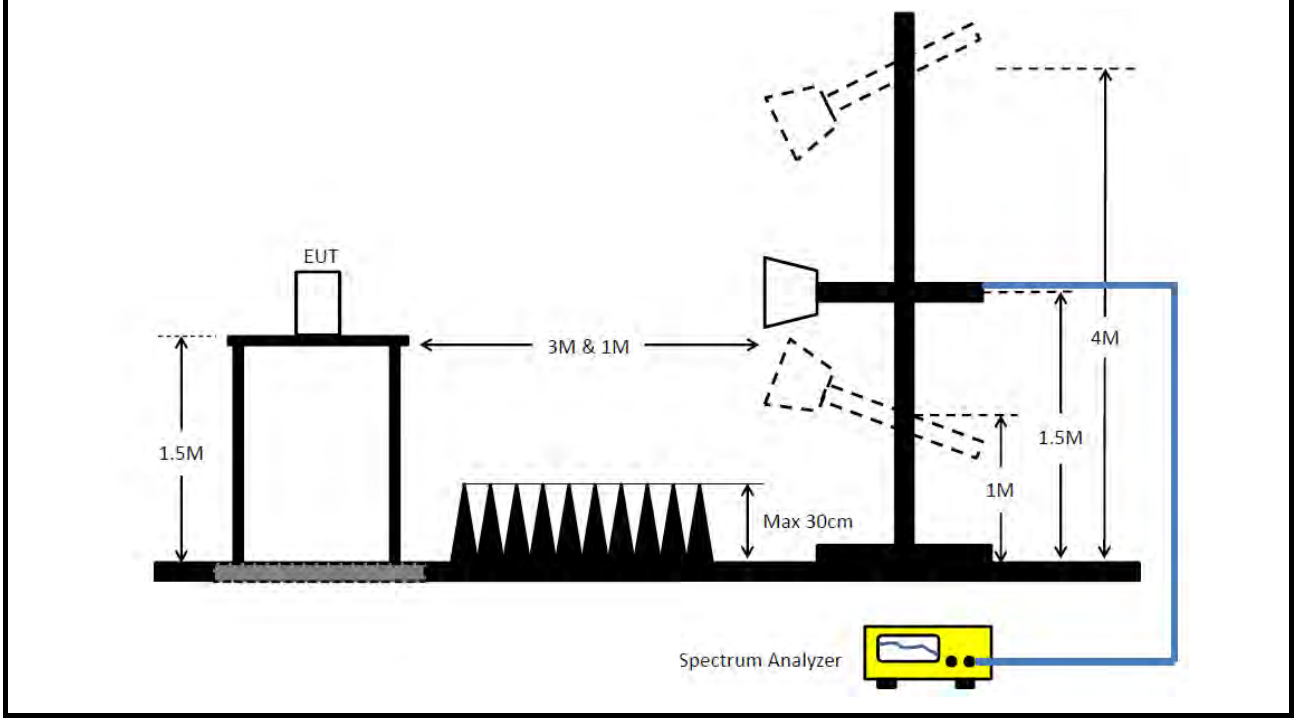
3.5.3 Test Procedures

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

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

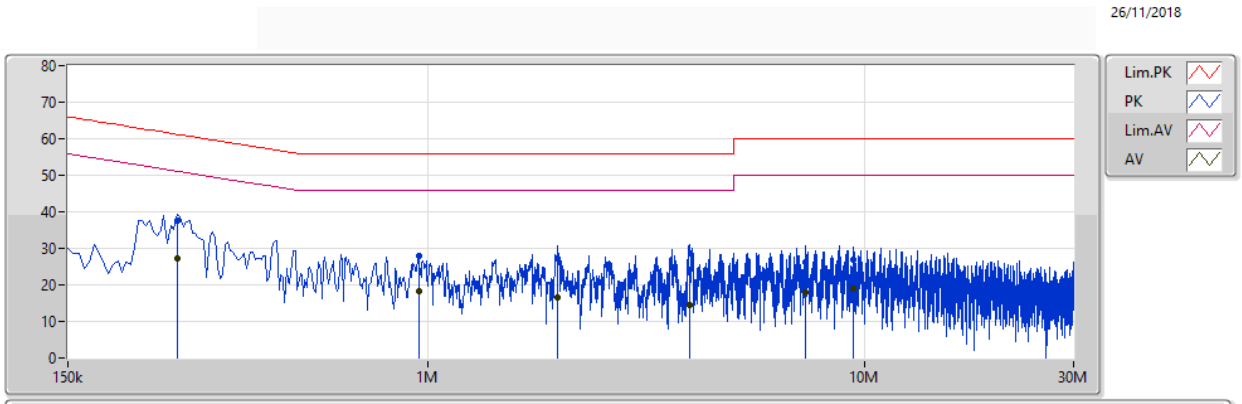
4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 31, 2018	Jan. 30, 2019	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 20, 2017	Dec. 19, 2018	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Dec. 29, 2017	Dec. 28, 2018	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	150kHz ~ 30MHz	May 22, 2018	May 21, 2019	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 27, 2018	Aug. 26, 2019	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 13, 2018	Nov. 12, 2019	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 28, 2018	Jun. 27, 2019	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 02, 2018	May 01, 2019	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 09, 2018	Jan. 08, 2019	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 04, 2018	Jul. 03, 2019	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Oct. 03, 2018	Oct. 02, 2019	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100354	9kHz ~ 2.75GHz	Dec. 08, 2017	Dec. 07, 2018	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2018	Mar. 15, 2019	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 21, 2017	Dec. 20, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-28	1 GHz –26.5 GHz	Nov. 19, 2018	Nov. 18, 2019	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 05, 2018	Nov. 04, 2019	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.

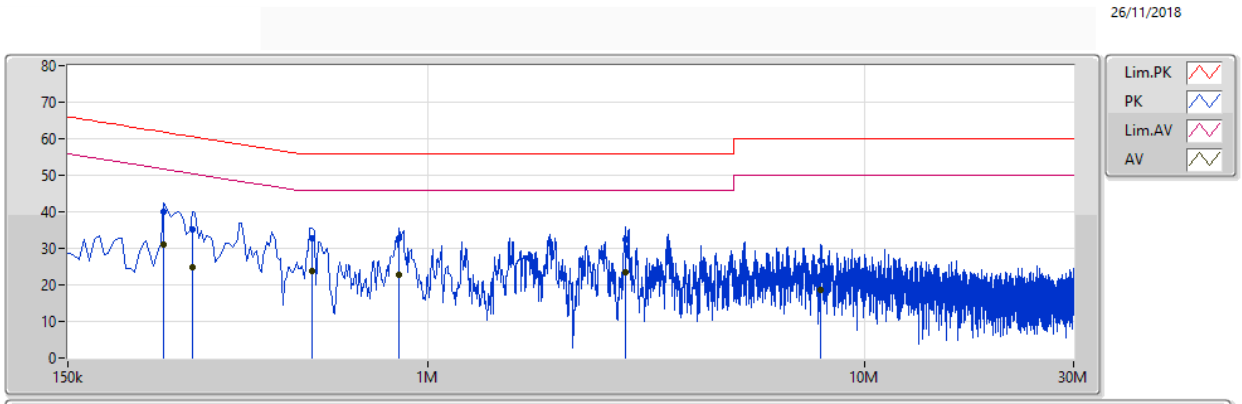
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	Normal Link		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	267k	37.65	61.20	-23.55	10.04	Line	"Worst"	27.61	9.91	0.13	-
AV	267k	27.07	51.20	-24.13	10.04	Line	-	17.03	9.91	0.13	-
QP	951k	27.85	56.00	-28.15	10.13	Line	-	17.72	9.93	0.20	-
AV	951k	18.37	46.00	-27.63	10.13	Line	-	8.24	9.93	0.20	-
QP	1.982M	27.19	56.00	-28.81	10.19	Line	-	17.00	9.96	0.23	-
AV	1.982M	16.41	46.00	-29.59	10.19	Line	-	6.22	9.96	0.23	-
QP	3.975M	24.18	56.00	-31.82	10.11	Line	-	14.07	9.98	0.13	-
AV	3.975M	14.59	46.00	-31.41	10.11	Line	-	4.48	9.98	0.13	-
QP	7.296M	26.04	60.00	-33.96	10.22	Line	-	15.82	10.08	0.14	-
AV	7.296M	18.00	50.00	-32.00	10.22	Line	-	7.78	10.08	0.14	-
QP	9.411M	26.78	60.00	-33.22	10.28	Line	-	16.50	10.13	0.15	-
AV	9.411M	18.89	50.00	-31.11	10.28	Line	-	8.61	10.13	0.15	-

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.)

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Normal Link		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	249k	40.10	61.79	-21.69	10.05	Neutral	-	30.05	9.92	0.13	-
AV	249k	31.02	51.79	-20.77	10.05	Neutral	"Worst"	20.97	9.92	0.13	-
QP	289.5k	35.16	60.53	-25.37	10.05	Neutral	-	25.11	9.92	0.13	-
AV	289.5k	24.66	50.53	-25.87	10.05	Neutral	-	14.61	9.92	0.13	-
QP	541.5k	32.69	56.00	-23.31	10.07	Neutral	-	22.62	9.92	0.15	-
AV	541.5k	23.87	46.00	-22.13	10.07	Neutral	-	13.80	9.92	0.15	-
QP	856.5k	32.86	56.00	-23.14	10.12	Neutral	-	22.74	9.93	0.19	-
AV	856.5k	22.73	46.00	-23.27	10.12	Neutral	-	12.61	9.93	0.19	-
QP	2.828M	32.43	56.00	-23.57	10.15	Neutral	-	22.28	9.97	0.18	-
AV	2.828M	23.30	46.00	-22.70	10.15	Neutral	-	13.15	9.97	0.18	-
QP	7.904M	26.52	60.00	-33.48	10.21	Neutral	-	16.31	10.07	0.14	-
AV	7.904M	18.59	50.00	-31.41	10.21	Neutral	-	8.38	10.07	0.14	-

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	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_3TX	40.725M	18.166M	18M2D1D	20.35M	16.542M
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	41.825M	17.991M	18M0D1D	20.325M	17.666M
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	76.9M	36.432M	36M4D1D	39.45M	36.182M
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	82.4M	75.662M	75M7D1D	81.8M	75.562M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_3TX	20.6M	16.725M	16M7D1D	20.05M	16.6M
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	20.85M	17.875M	17M9D1D	20.3M	17.75M
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	41.4M	36.65M	36M6D1D	40.55M	36.55M
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	82.5M	75.762M	75M8D1D	82.1M	75.662M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_3TX	20.475M	16.75M	16M7D1D	14.91M	13.238M
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	20.7M	17.85M	17M8D1D	15.15M	13.838M
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	41.4M	36.7M	36M7D1D	34.615M	32.989M
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	82.5M	75.662M	75M7D1D	75.9M	72.339M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_3TX	16.325M	25.662M	25M7D1D	3.14M	3.558M
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	17.575M	25.662M	25M7D1D	3.76M	4.018M
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	36.35M	37.3M	37M3D1D	3.12M	3.418M
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	75.5M	76.062M	76M1D1D	3.12M	3.658M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11a_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.2M	16.617M	20.4M	16.542M	20.35M	16.542M
5200MHz	Pass	Inf	30.225M	16.742M	21.375M	16.592M	26.2M	16.592M
5240MHz	Pass	Inf	40.725M	17.941M	29.325M	16.592M	38.7M	18.166M
5260MHz	Pass	Inf	20.45M	16.725M	20.275M	16.725M	20.325M	16.675M
5300MHz	Pass	Inf	20.6M	16.675M	20.225M	16.675M	20.05M	16.65M
5320MHz	Pass	Inf	20.4M	16.725M	20.3M	16.6M	20.4M	16.625M
5500MHz	Pass	Inf	20.475M	16.7M	20.25M	16.65M	20.4M	16.7M
5580MHz	Pass	Inf	20.4M	16.65M	20.3M	16.6M	20.45M	16.625M
5700MHz	Pass	Inf	20.4M	16.75M	20.25M	16.65M	20.4M	16.65M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.09M	13.298M	14.91M	13.268M	14.955M	13.238M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.678M	3.14M	3.558M	3.16M	3.678M
5745MHz	Pass	500k	16.325M	24.388M	16.325M	17.266M	16.325M	22.914M
5785MHz	Pass	500k	16.3M	25.662M	16.3M	17.016M	16.325M	21.814M
5825MHz	Pass	500k	16.3M	23.988M	16.3M	17.091M	16.325M	22.489M
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.775M	17.716M	20.425M	17.691M	21.375M	17.691M
5200MHz	Pass	Inf	20.65M	17.666M	20.325M	17.666M	20.625M	17.666M
5240MHz	Pass	Inf	41.05M	17.991M	26.1M	17.716M	41.825M	17.966M
5260MHz	Pass	Inf	20.65M	17.775M	20.475M	17.775M	20.4M	17.775M
5300MHz	Pass	Inf	20.85M	17.825M	20.575M	17.75M	20.4M	17.8M
5320MHz	Pass	Inf	20.7M	17.875M	20.35M	17.775M	20.3M	17.75M
5500MHz	Pass	Inf	20.7M	17.8M	20.4M	17.825M	20.425M	17.775M
5580MHz	Pass	Inf	20.675M	17.8M	20.4M	17.775M	20.425M	17.775M
5700MHz	Pass	Inf	20.6M	17.8M	20.45M	17.85M	20.475M	17.775M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.21M	13.838M	15.15M	13.883M	15.18M	13.853M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.038M	3.76M	4.018M	3.76M	4.038M
5745MHz	Pass	500k	17.575M	18.175M	17.55M	18.3M	17.575M	18.175M
5785MHz	Pass	500k	17.575M	18.025M	17.55M	18.2M	17.55M	18.125M
5825MHz	Pass	500k	17.55M	25.662M	17.55M	18.141M	17.55M	24.113M
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.25M	36.232M	39.45M	36.232M	39.45M	36.182M
5230MHz	Pass	Inf	76.9M	36.432M	43.2M	36.332M	61.1M	36.332M
5270MHz	Pass	Inf	41.4M	36.6M	40.9M	36.55M	40.55M	36.6M
5310MHz	Pass	Inf	41.35M	36.65M	41.1M	36.65M	40.85M	36.6M
5510MHz	Pass	Inf	41.3M	36.6M	40.9M	36.65M	40.65M	36.7M
5550MHz	Pass	Inf	41.4M	36.55M	41M	36.6M	40.85M	36.65M
5670MHz	Pass	Inf	41.15M	36.6M	41.05M	36.65M	40.9M	36.55M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.035M	33.023M	34.615M	32.989M	34.825M	33.023M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.478M	3.14M	3.458M	3.14M	3.418M
5755MHz	Pass	500k	36.35M	37.15M	36.3M	37.15M	36.3M	37.2M
5795MHz	Pass	500k	36.05M	37.15M	36.3M	37.3M	36.3M	37.25M
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-

EBW Result

Appendix B

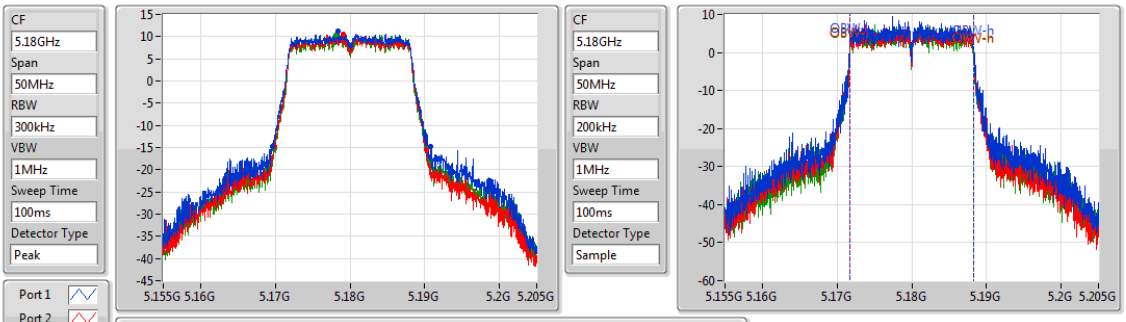
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
5210MHz	Pass	Inf	82.2M	75.562M	82.4M	75.662M	81.8M	75.562M
5290MHz	Pass	Inf	82.5M	75.762M	82.4M	75.662M	82.1M	75.762M
5530MHz	Pass	Inf	82.5M	75.662M	82.3M	75.662M	82.3M	75.662M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.5M	72.339M	76.2M	72.489M	75.9M	72.564M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.678M	3.12M	3.758M	3.14M	3.658M
5775MHz	Pass	500k	75.5M	76.062M	75.3M	75.962M	75.2M	76.062M

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

802.11a_Nss1,(6Mbps)_3TX **EBW**

5180MHz

28/11/2018

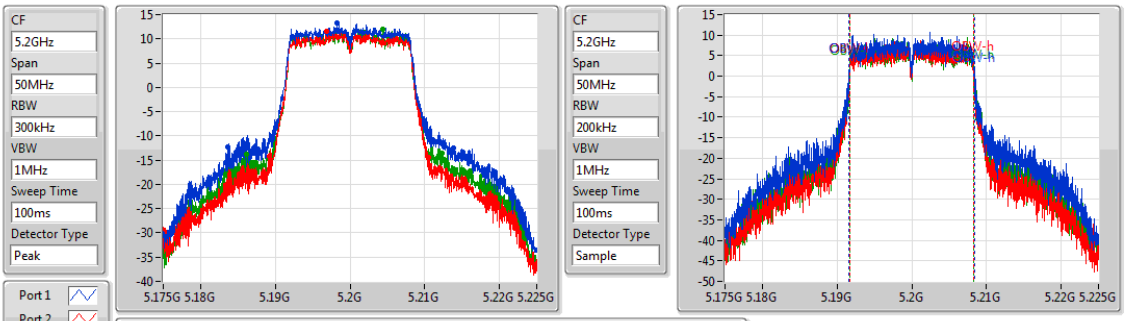


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.2M	5.1696G	5.1908G	16.617M	5.171679G	5.188296G	Inf	1
20.4M	5.1699G	5.1903G	16.542M	5.171729G	5.188271G	Inf	2
20.35M	5.16985G	5.1902G	16.542M	5.171729G	5.188271G	Inf	3

802.11a_Nss1,(6Mbps)_3TX **EBW**

5200MHz

28/11/2018

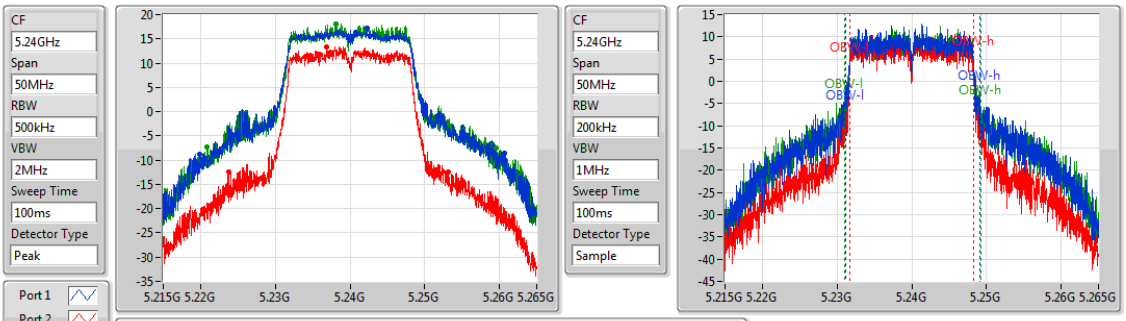


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.225M	5.18365G	5.213875G	16.742M	5.191629G	5.208371G	Inf	1
21.375M	5.18915G	5.210525G	16.592M	5.191679G	5.208271G	Inf	2
26.2M	5.1861G	5.2123G	16.592M	5.191704G	5.208296G	Inf	3

802.11a_Nss1,(6Mbps)_3TX **EBW**

5240MHz

29/11/2018

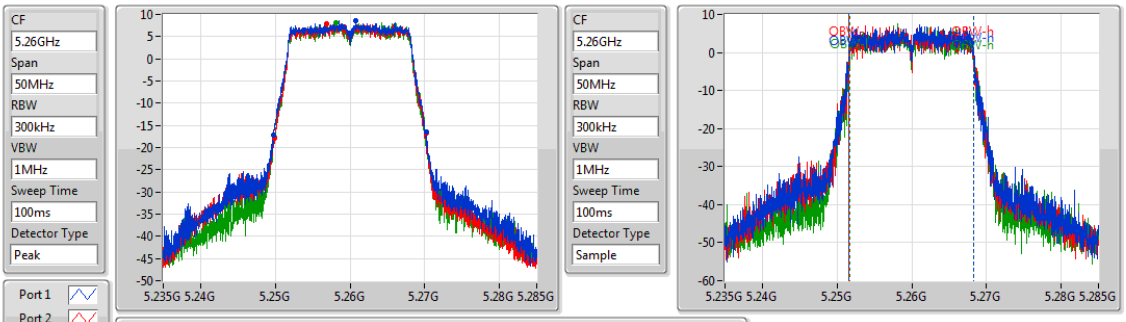


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.725M	5.219925G	5.26065G	17.941M	5.231129G	5.24907G	Inf	1
29.325M	5.223775G	5.2531G	16.592M	5.231679G	5.248271G	Inf	2
38.7M	5.220825G	5.259525G	18.166M	5.231029G	5.249195G	Inf	3

802.11a_Nss1,(6Mbps)_3TX **EBW**

5260MHz

29/11/2018

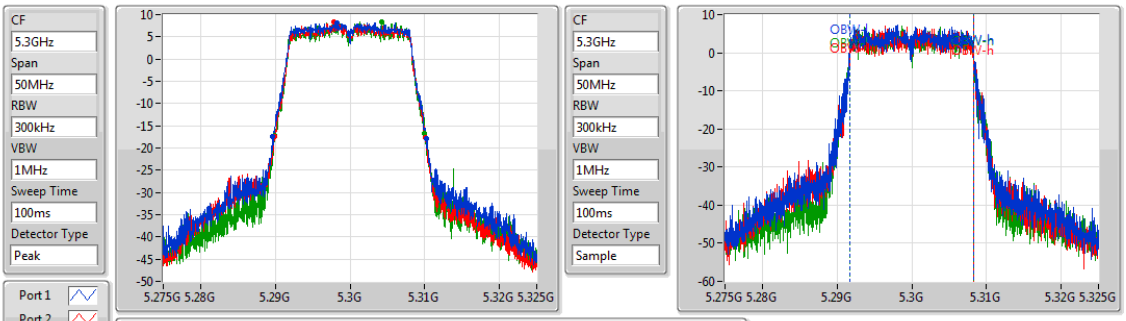


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.45M	5.249725G	5.270175G	16.725M	5.2516G	5.268325G	Inf	1
20.275M	5.249925G	5.2702G	16.725M	5.251625G	5.26835G	Inf	2
20.325M	5.2499G	5.270225G	16.675M	5.251675G	5.26835G	Inf	3

802.11a_Nss1,(6Mbps)_3TX **EBW**

5300MHz

29/11/2018

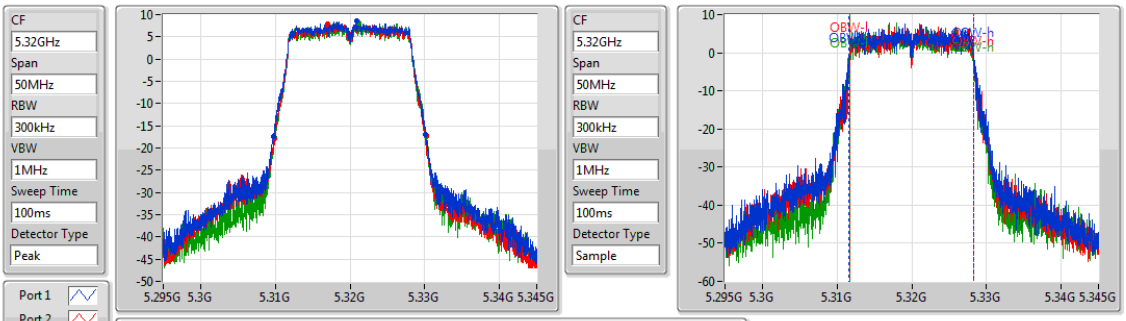


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.6M	5.289675G	5.310275G	16.675M	5.29165G	5.308325G	Inf	1
20.225M	5.2899G	5.310125G	16.675M	5.29165G	5.308325G	Inf	2
20.05M	5.28995G	5.31G	16.65M	5.29165G	5.3083G	Inf	3

802.11a_Nss1,(6Mbps)_3TX **EBW**

5320MHz

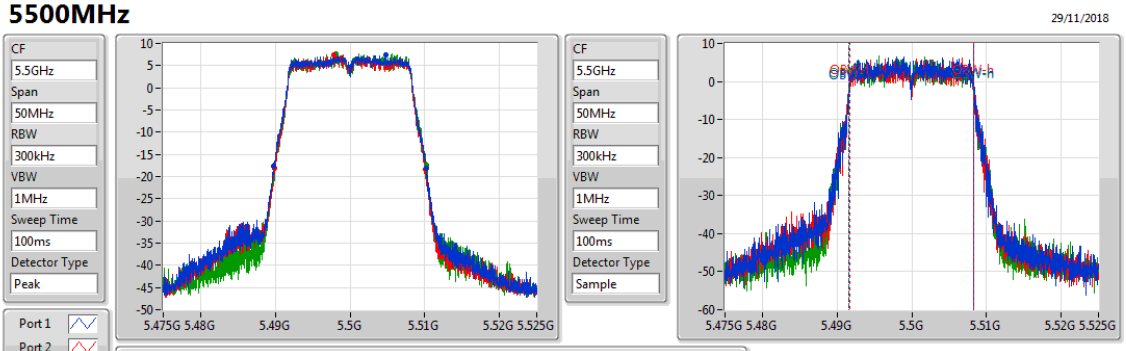
29/11/2018



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.30975G	5.33015G	16.725M	5.3116G	5.328325G	Inf	1
20.3M	5.309925G	5.330225G	16.6M	5.311675G	5.328275G	Inf	2
20.4M	5.30985G	5.33025G	16.625M	5.31165G	5.328275G	Inf	3

802.11a_Nss1,(6Mbps)_3TX **EBW**

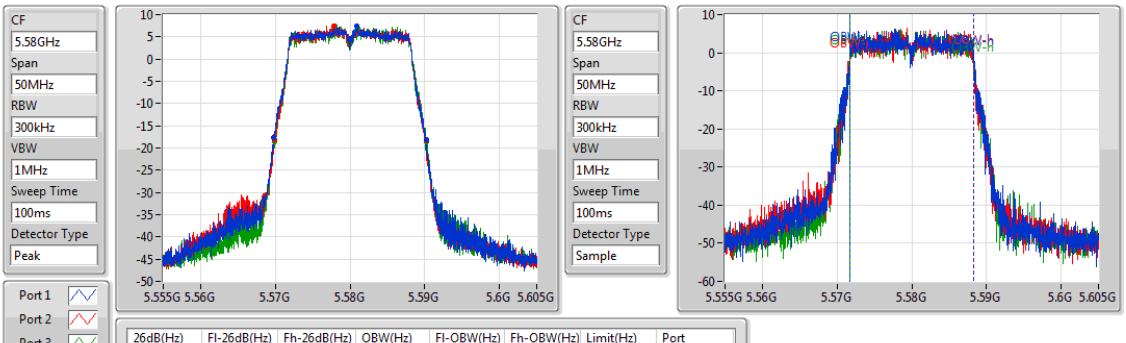
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.475M	5.489775G	5.51025G	16.7M	5.491625G	5.508325G	Inf	1
20.25M	5.4899G	5.51015G	16.65M	5.49165G	5.5083G	Inf	2
20.4M	5.489875G	5.510275G	16.7M	5.4916G	5.5083G	Inf	3

802.11a_Nss1,(6Mbps)_3TX **EBW**

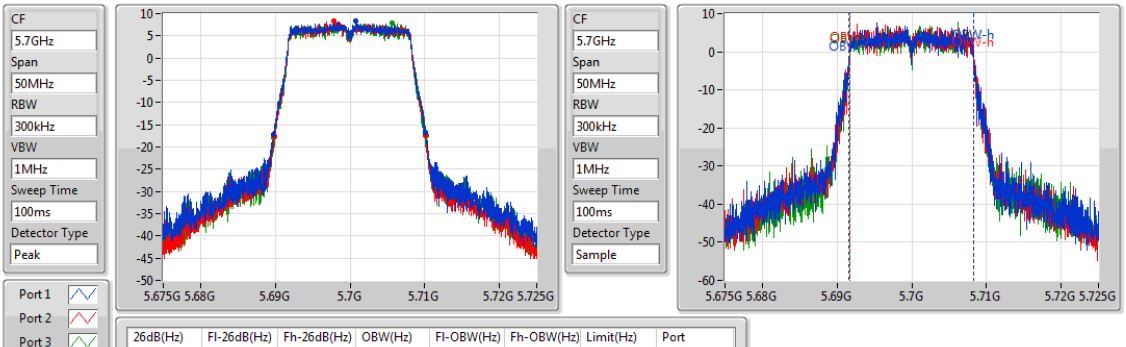
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.5698G	5.5902G	16.65M	5.57165G	5.5883G	Inf	1
20.3M	5.5699G	5.5902G	16.6M	5.57165G	5.58825G	Inf	2
20.45M	5.56985G	5.5903G	16.625M	5.57165G	5.588275G	Inf	3

802.11a_Nss1,(6Mbps)_3TX **EBW**

5700MHz

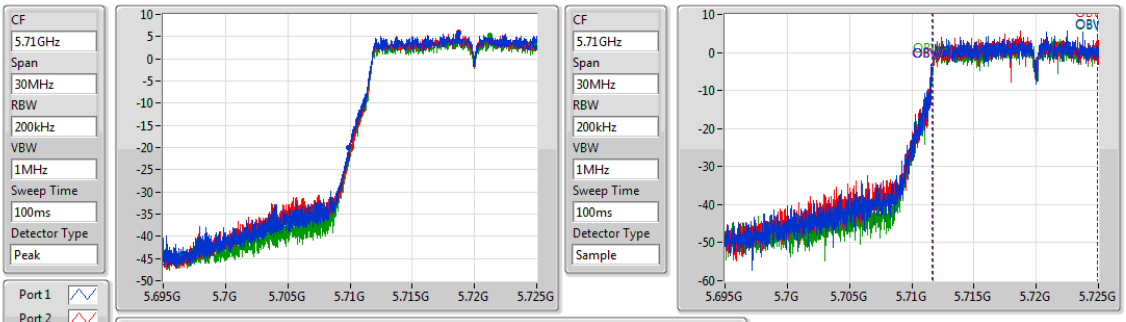


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.689725G	5.710125G	16.75M	5.691575G	5.708325G	Inf	1
20.25M	5.689875G	5.710125G	16.65M	5.69165G	5.7083G	Inf	2
20.4M	5.689825G	5.710225G	16.65M	5.69165G	5.7083G	Inf	3

802.11a_Nss1,(6Mbps)_3TX **EBW**

5720MHz Straddle 5.47-5.725GHz

29/11/2018

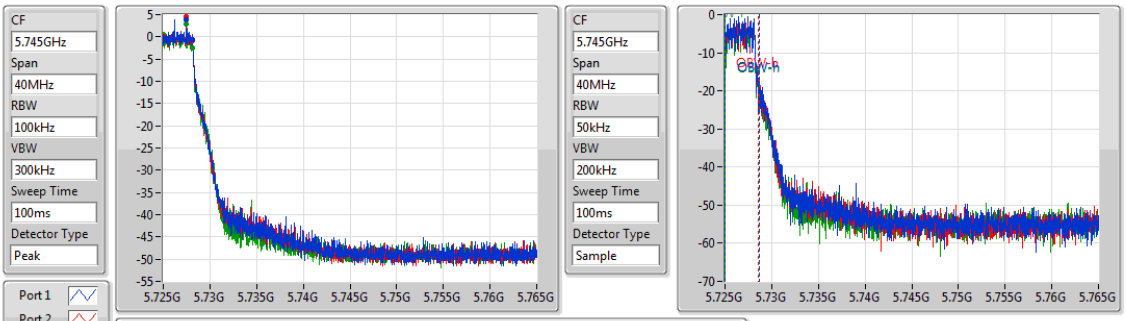


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.09M	5.70991G	5.725G	13.298M	5.711634G	5.724933G	Inf	1
14.91M	5.71009G	5.725G	13.268M	5.711679G	5.724948G	Inf	2
14.955M	5.710045G	5.725G	13.238M	5.711679G	5.724918G	Inf	3

802.11a_Nss1,(6Mbps)_3TX **EBW**

5720MHz Straddle 5.725-5.85GHz

29/11/2018

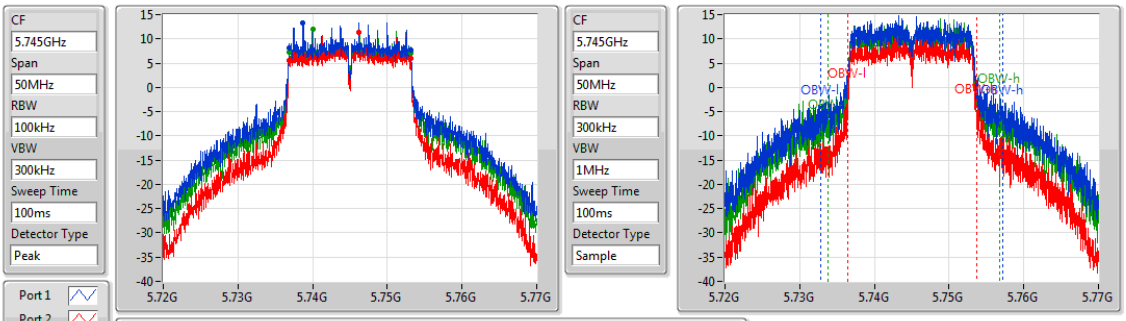


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.14M	5.725G	5.72814G	3.678M	5.72501G	5.728688G	500k	1
3.14M	5.725G	5.72814G	3.558M	5.72501G	5.728568G	500k	2
3.16M	5.725G	5.72816G	3.678M	5.72501G	5.728688G	500k	3

802.11a_Nss1,(6Mbps)_3TX **EBW**

5745MHz

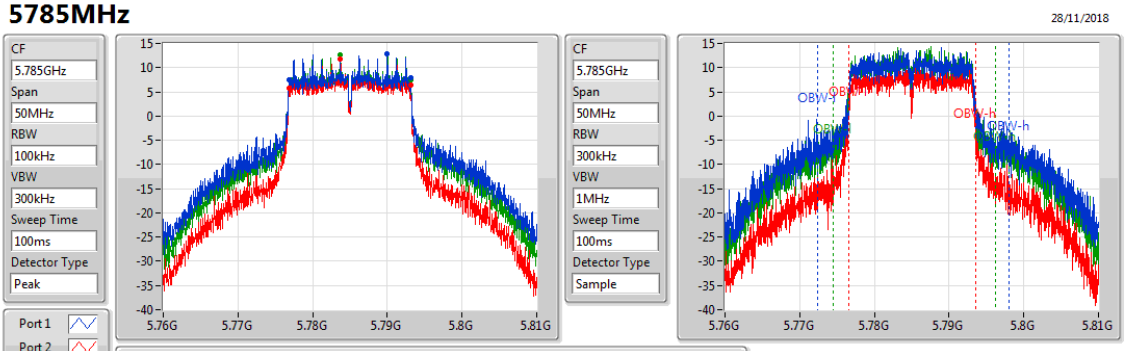
28/11/2018



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	24.388M	5.732831G	5.757219G	500k	1
16.325M	5.736825G	5.75315G	17.266M	5.736429G	5.753696G	500k	2
16.325M	5.736825G	5.75315G	22.914M	5.733806G	5.756719G	500k	3

802.11a_Nss1,(6Mbps)_3TX — EBW

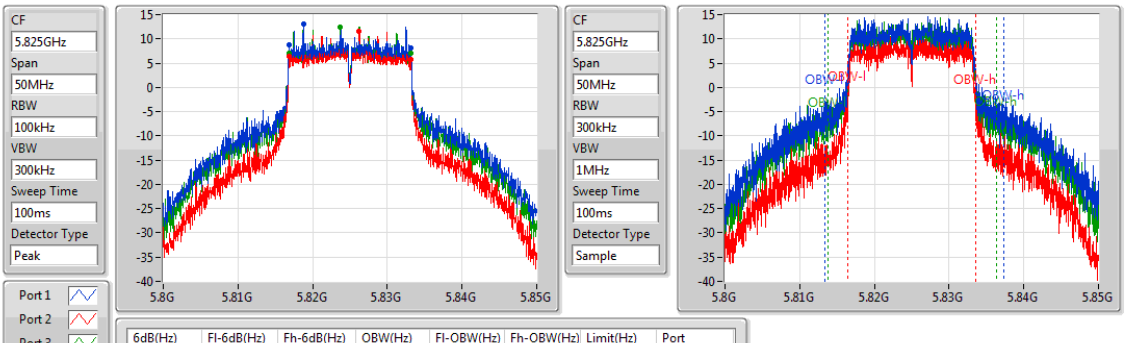
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	5.776825G	5.793125G	25.662M	5.772331G	5.797994G	500k	1
16.3M	5.77685G	5.79315G	17.016M	5.776504G	5.793521G	500k	2
16.325M	5.776825G	5.79315G	21.814M	5.774455G	5.796269G	500k	3

802.11a_Nss1,(6Mbps)_3TX — EBW

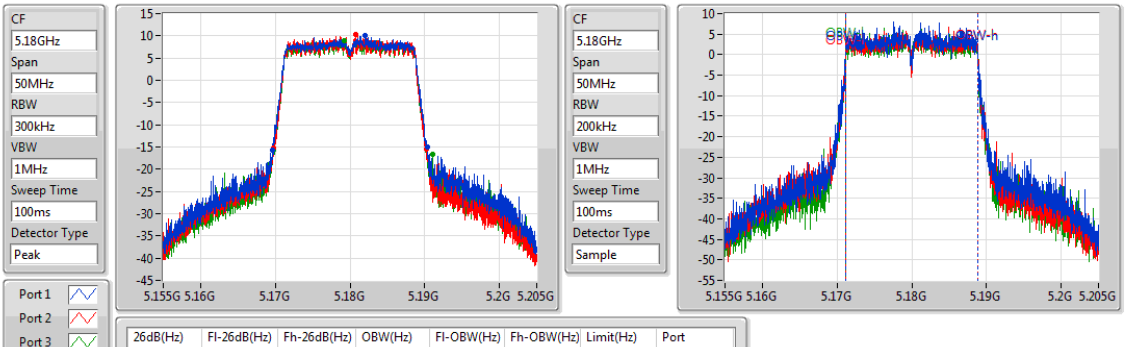
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	5.81685G	5.83315G	23.988M	5.813331G	5.837319G	500k	1
16.3M	5.81685G	5.83315G	17.091M	5.816454G	5.833546G	500k	2
16.325M	5.816825G	5.83315G	22.489M	5.813806G	5.836294G	500k	3

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

5180MHz

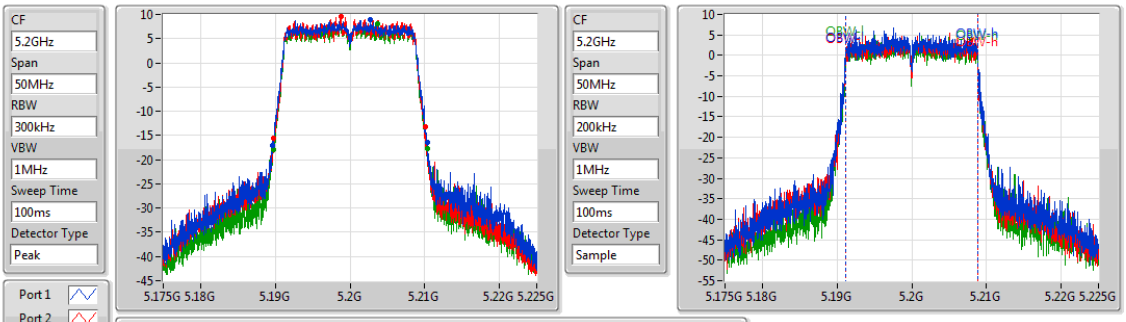


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.775M	5.169625G	5.1904G	17.716M	5.171129G	5.188846G	Inf	1
20.425M	5.1698G	5.190225G	17.691M	5.171129G	5.188821G	Inf	2
21.375M	5.1697G	5.191075G	17.691M	5.171129G	5.188821G	Inf	3

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

5200MHz

28/11/2018

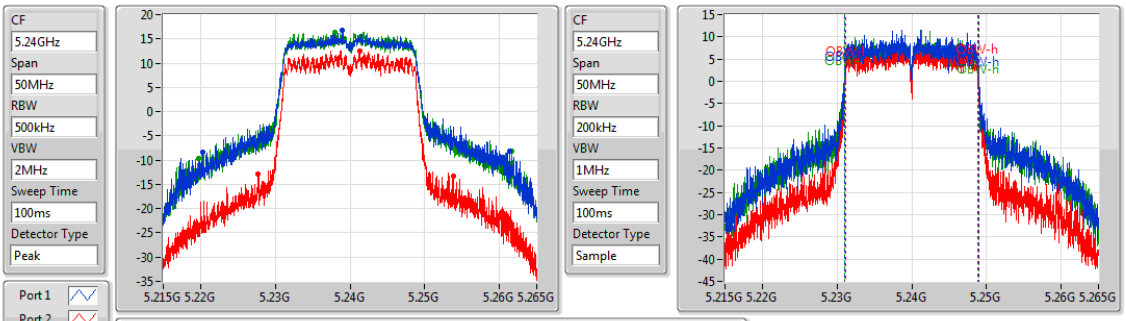


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.65M	5.189675G	5.210325G	17.666M	5.191129G	5.208796G	Inf	1
20.325M	5.189775G	5.2101G	17.666M	5.191129G	5.208796G	Inf	2
20.625M	5.1897G	5.210325G	17.666M	5.191154G	5.208821G	Inf	3

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

5240MHz

28/11/2018

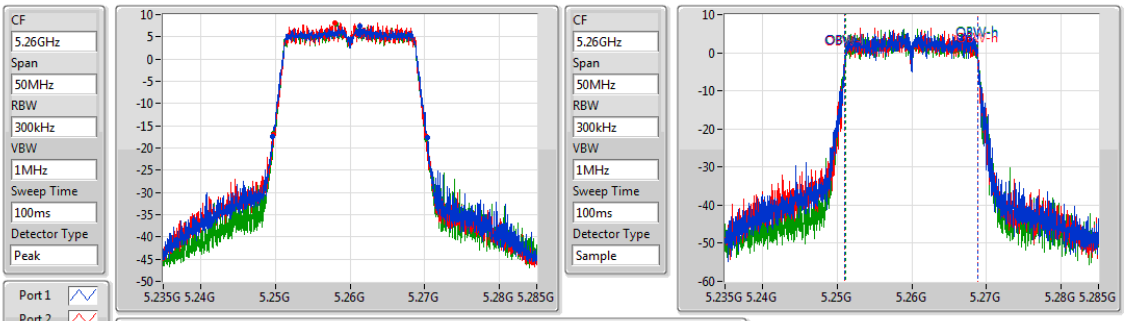


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.05M	5.220275G	5.261325G	17.991M	5.231004G	5.248996G	Inf	1
26.1M	5.227725G	5.253825G	17.716M	5.231129G	5.248846G	Inf	2
41.825M	5.219775G	5.2616G	17.966M	5.231004G	5.248971G	Inf	3

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

5260MHz

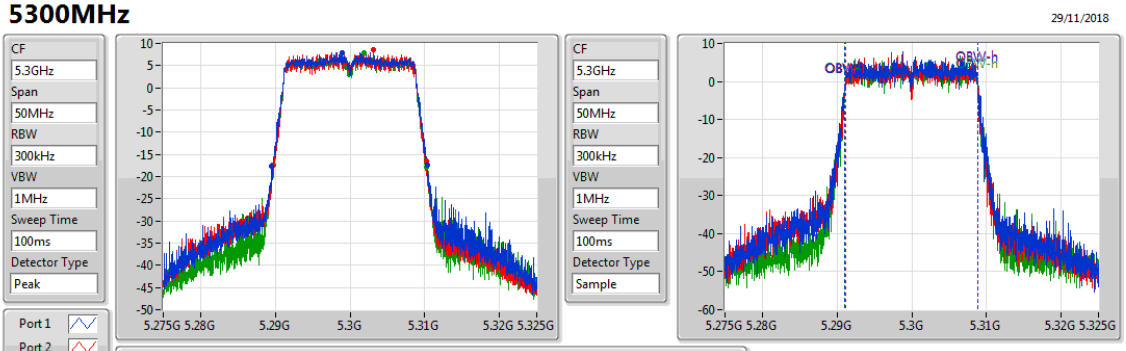
29/11/2018



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.65M	5.249675G	5.270325G	17.775M	5.251075G	5.26885G	Inf	1
20.475M	5.24975G	5.270225G	17.775M	5.251075G	5.26885G	Inf	2
20.4M	5.249775G	5.270175G	17.775M	5.2511G	5.268875G	Inf	3

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

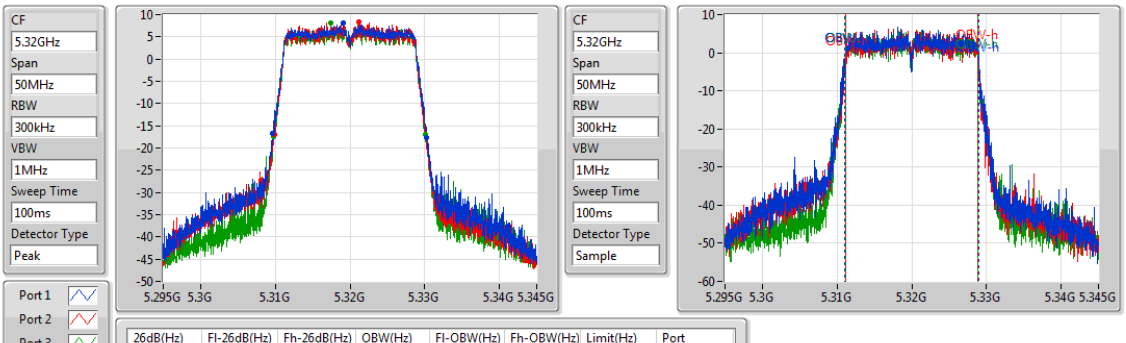
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.85M	5.28955G	5.3104G	17.825M	5.291025G	5.30885G	Inf	1
20.575M	5.289625G	5.3102G	17.75M	5.2911G	5.30885G	Inf	2
20.4M	5.289825G	5.310225G	17.8M	5.291075G	5.308875G	Inf	3

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

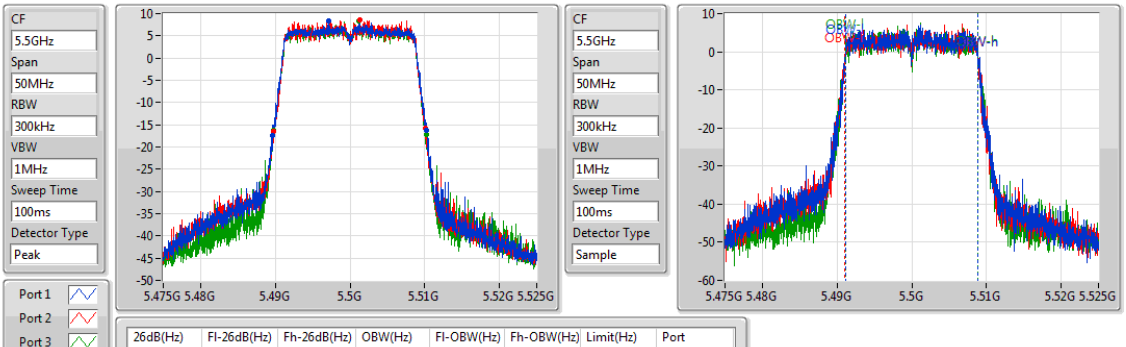
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.7M	5.309575G	5.330275G	17.875M	5.31105G	5.328925G	Inf	1
20.35M	5.30985G	5.3302G	17.775M	5.3111G	5.328875G	Inf	2
20.3M	5.3098G	5.3301G	17.75M	5.3111G	5.32885G	Inf	3

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

5500MHz

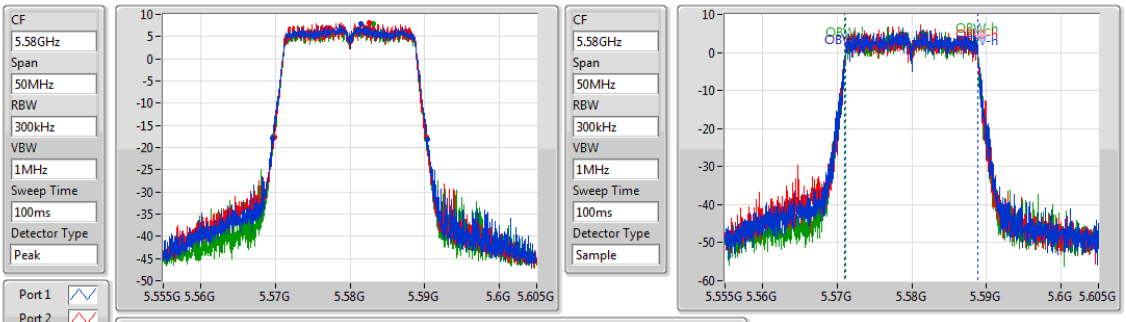


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.7M	5.4896G	5.5103G	17.8M	5.4911G	5.5089G	Inf	1
20.4M	5.48975G	5.51015G	17.825M	5.491075G	5.5089G	Inf	2
20.425M	5.48975G	5.510175G	17.775M	5.491125G	5.5089G	Inf	3

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

5580MHz

29/11/2018

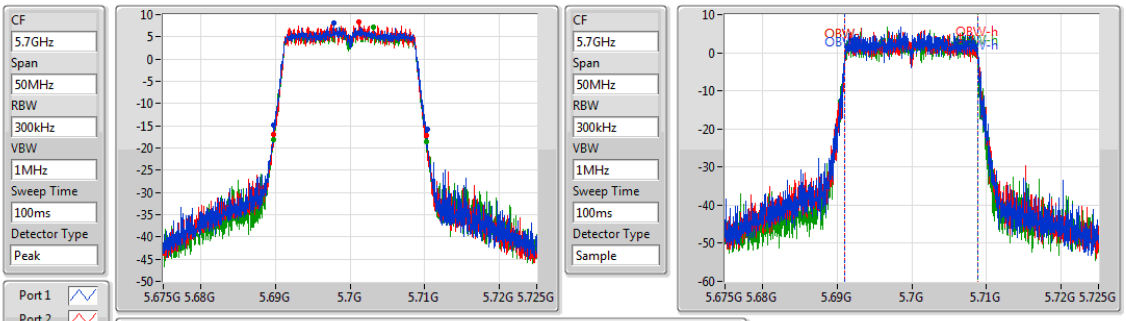


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.675M	5.569675G	5.59035G	17.8M	5.571075G	5.588875G	Inf	1
20.4M	5.56985G	5.59025G	17.775M	5.571075G	5.58885G	Inf	2
20.425M	5.56975G	5.590175G	17.775M	5.5711G	5.588875G	Inf	3

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

5700MHz

29/11/2018

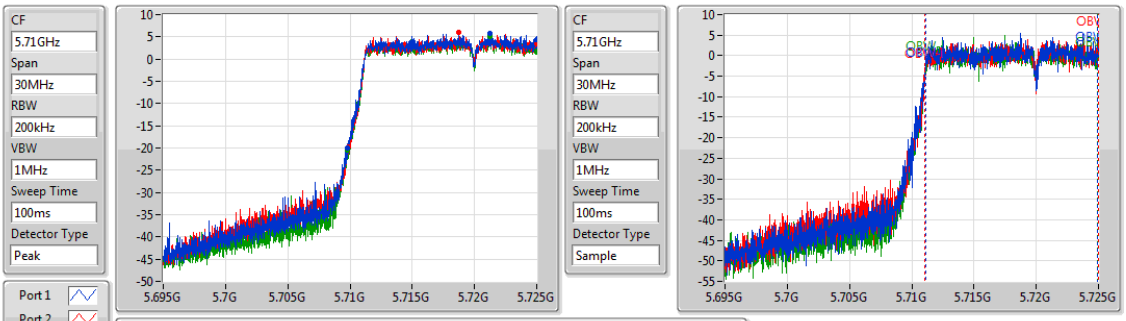


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.6M	5.68975G	5.71035G	17.8M	5.691075G	5.708875G	Inf	1
20.45M	5.6898G	5.71025G	17.85M	5.69105G	5.7089G	Inf	2
20.475M	5.6897G	5.710175G	17.775M	5.69105G	5.708825G	Inf	3

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

5720MHz Straddle 5.47-5.725GHz

29/11/2018

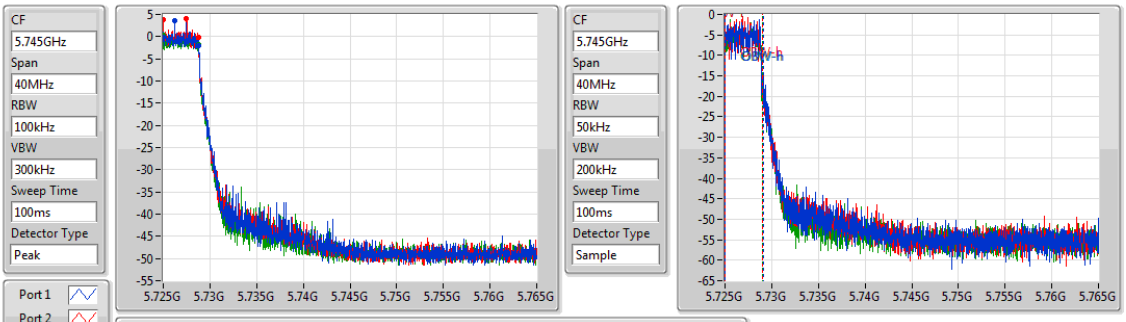


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.21M	5.70979G	5.725G	13.838M	5.711094G	5.724933G	Inf	1
15.15M	5.70985G	5.725G	13.883M	5.711079G	5.724963G	Inf	2
15.18M	5.70982G	5.725G	13.853M	5.711094G	5.724948G	Inf	3

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

5720MHz Straddle 5.725-5.85GHz

29/11/2018

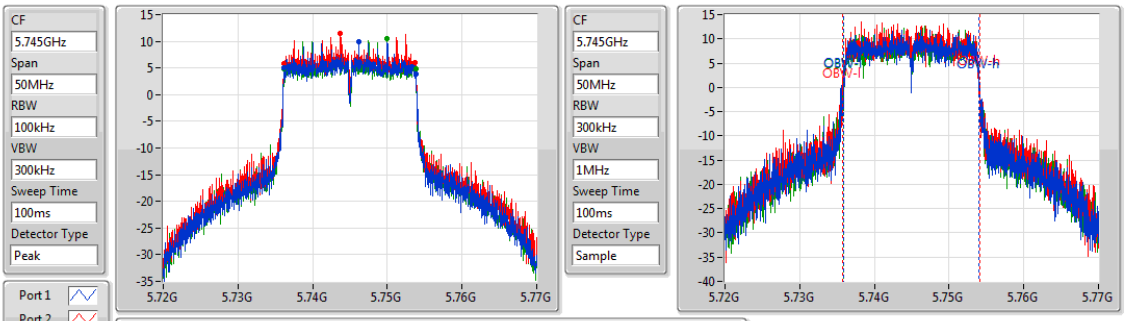


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.78M	5.725G	5.72878G	4.038M	5.72503G	5.729068G	500k	1
3.76M	5.725G	5.72876G	4.018M	5.72501G	5.729028G	500k	2
3.76M	5.725G	5.72876G	4.038M	5.72501G	5.729048G	500k	3

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

5745MHz

29/11/2018

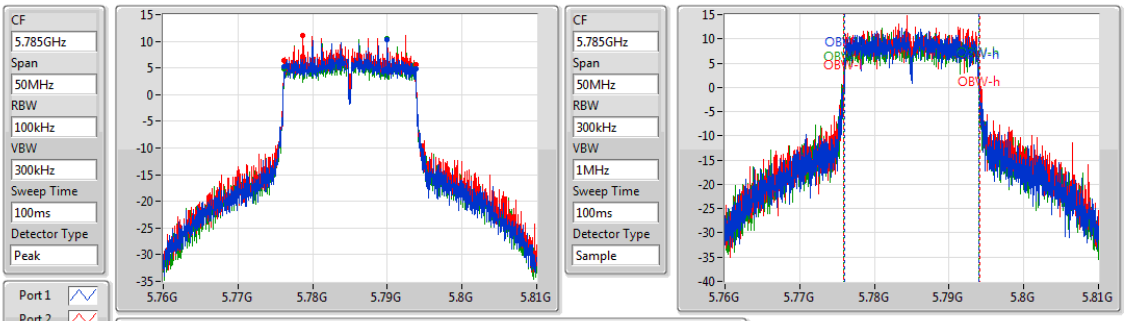


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	5.7362G	5.753775G	18.175M	5.735875G	5.75405G	500k	1
17.55M	5.7362G	5.75375G	18.3M	5.7358G	5.7541G	500k	2
17.575M	5.7362G	5.753775G	18.175M	5.735875G	5.75405G	500k	3

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

5785MHz

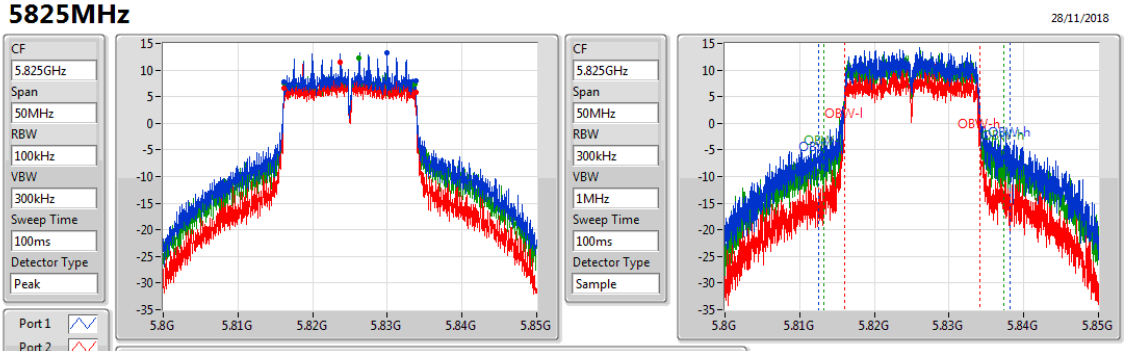
29/11/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	5.7762G	5.793775G	18.025M	5.775975G	5.794G	500k	1
17.55M	5.776225G	5.793775G	18.2M	5.7759G	5.7941G	500k	2
17.55M	5.7762G	5.79375G	18.125M	5.7759G	5.794025G	500k	3

802.11ac VHT20-BF_Nss1,(MCS0)_3TX EBW

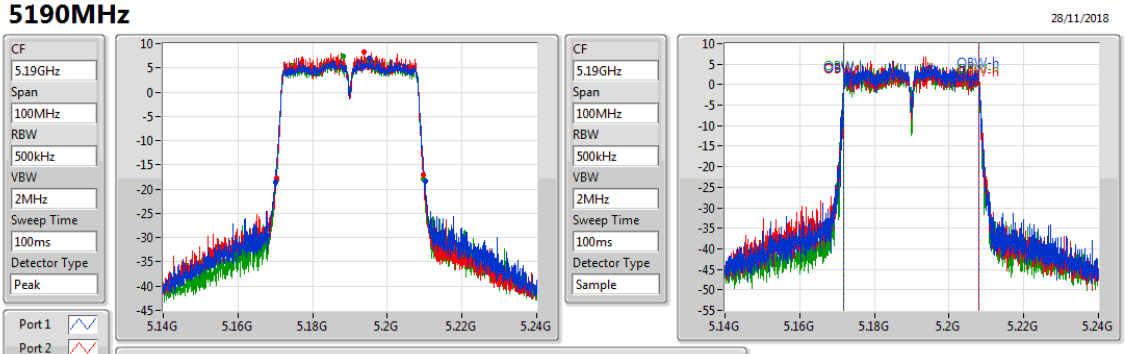
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.816225G	5.833775G	25.662M	5.812506G	5.838168G	500k	1
17.55M	5.816225G	5.833775G	18.141M	5.815955G	5.834095G	500k	2
17.55M	5.8162G	5.83375G	24.113M	5.813181G	5.837294G	500k	3

802.11ac VHT40-BF_Nss1,(MCS0)_3TX EBW

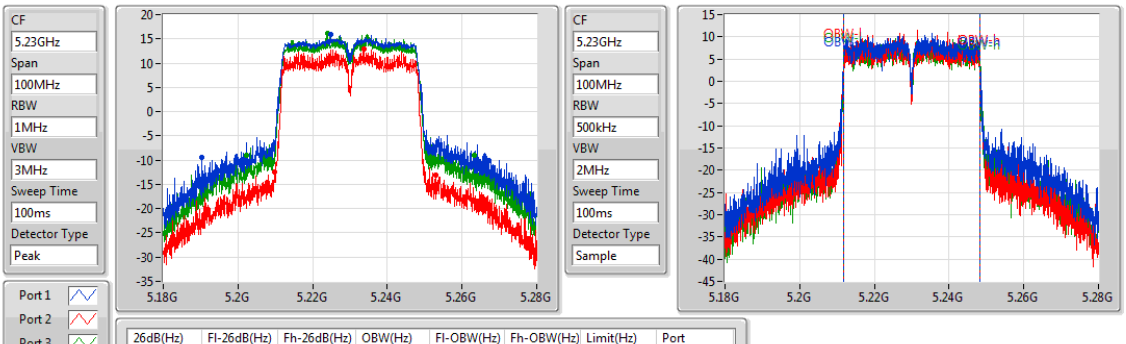
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.25M	5.17G	5.21025G	36.232M	5.171859G	5.208091G	Inf	1
39.45M	5.1703G	5.20975G	36.232M	5.171859G	5.208091G	Inf	2
39.45M	5.1703G	5.20975G	36.182M	5.171859G	5.208041G	Inf	3

802.11ac VHT40-BF_Nss1,(MCS0)_3TX EBW

5230MHz

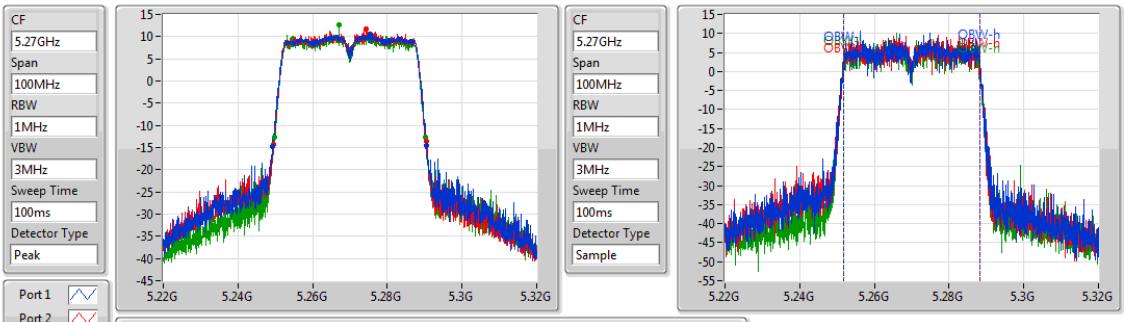


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.9M	5.1903G	5.2672G	36.432M	5.211759G	5.248191G	Inf	1
43.2M	5.2099G	5.2531G	36.332M	5.211809G	5.248141G	Inf	2
61.1M	5.20215G	5.26325G	36.332M	5.211809G	5.248141G	Inf	3

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

5270MHz

29/11/2018

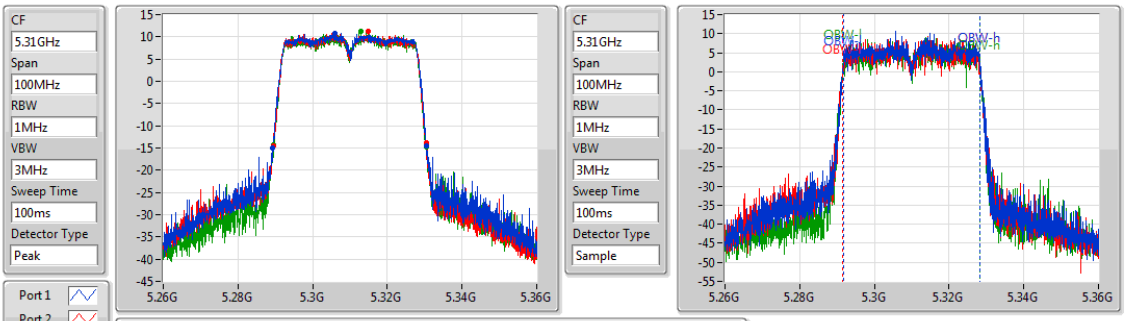


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.4M	5.2492G	5.2906G	36.6M	5.25165G	5.28825G	Inf	1
40.9M	5.24945G	5.29035G	36.55M	5.25165G	5.2882G	Inf	2
40.55M	5.2497G	5.29025G	36.6M	5.25165G	5.28825G	Inf	3

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

5310MHz

29/11/2018

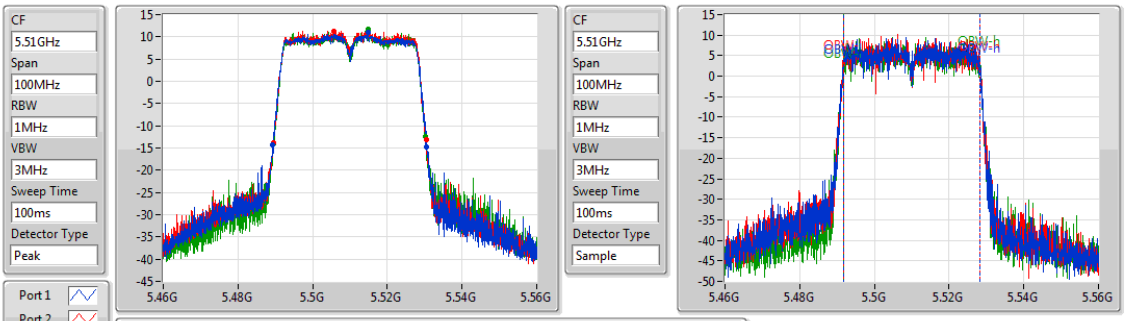


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.35M	5.28925G	5.3306G	36.65M	5.29165G	5.3283G	Inf	1
41.1M	5.2894G	5.3305G	36.65M	5.2916G	5.32825G	Inf	2
40.85M	5.2896G	5.33045G	36.6M	5.29165G	5.32825G	Inf	3

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

5510MHz

29/11/2018

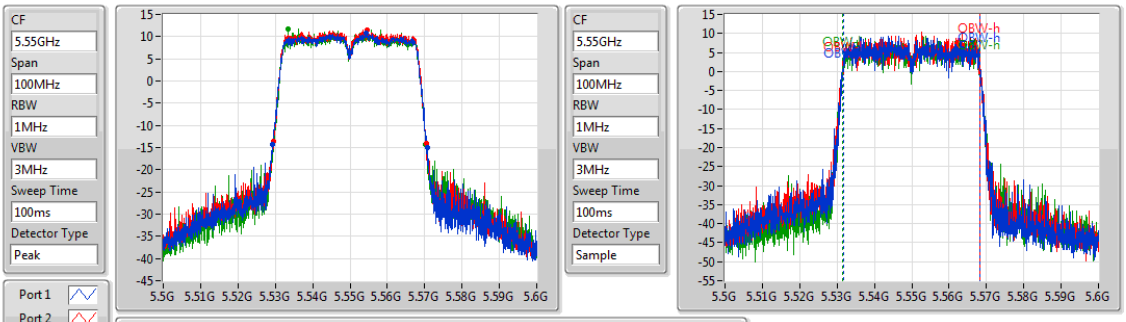


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.3M	5.4893G	5.5306G	36.6M	5.49165G	5.52825G	Inf	1
40.9M	5.4895G	5.5304G	36.65M	5.49165G	5.5283G	Inf	2
40.65M	5.48955G	5.5302G	36.7M	5.49165G	5.52835G	Inf	3

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

5550MHz

29/11/2018

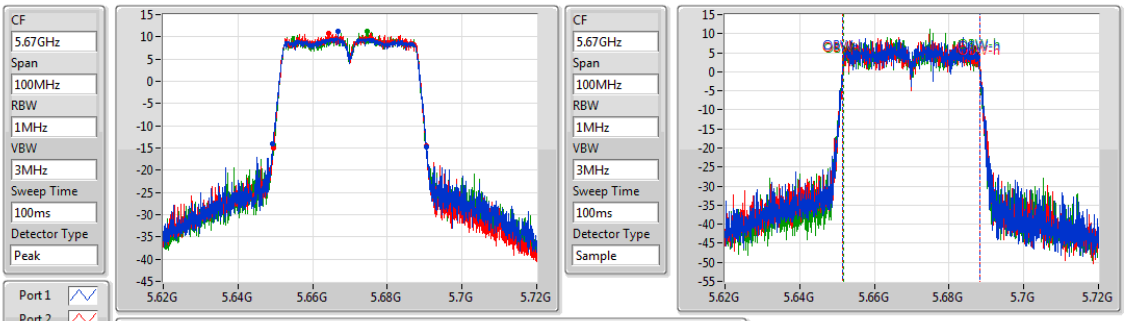


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.4M	5.52925G	5.57065G	36.55M	5.53165G	5.5682G	Inf	1
41M	5.52945G	5.57045G	36.6M	5.53165G	5.56825G	Inf	2
40.85M	5.52945G	5.5703G	36.65M	5.5316G	5.56825G	Inf	3

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

5670MHz

29/11/2018

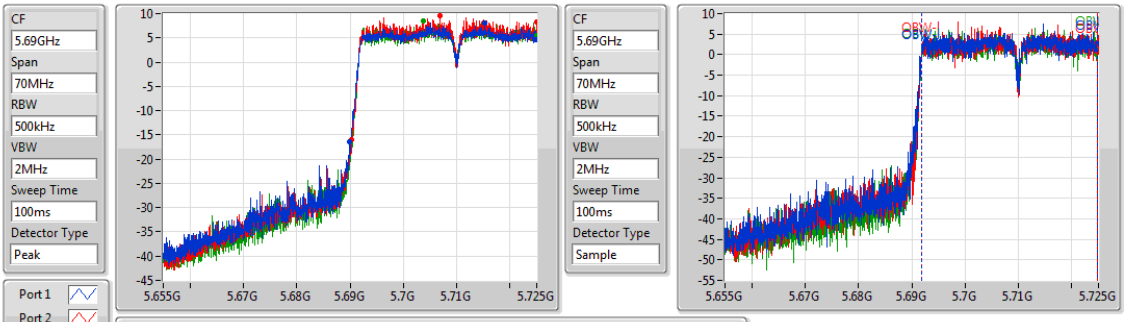


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.15M	5.64925G	5.6904G	36.6M	5.6516G	5.6882G	Inf	1
41.05M	5.6494G	5.69045G	36.65M	5.6516G	5.68825G	Inf	2
40.9M	5.64955G	5.69045G	36.55M	5.65165G	5.6882G	Inf	3

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

5710MHz Straddle 5.47-5.725GHz

29/11/2018

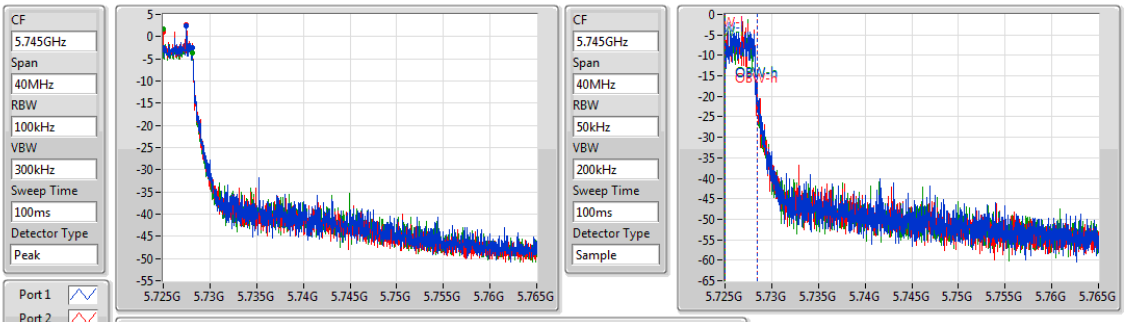


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.035M	5.689965G	5.725G	33.023M	5.691819G	5.724843G	Inf	1
34.615M	5.690385G	5.725G	32.989M	5.691854G	5.724843G	Inf	2
34.825M	5.690175G	5.725G	33.023M	5.691819G	5.724843G	Inf	3

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

5710MHz Straddle 5.725-5.85GHz

29/11/2018

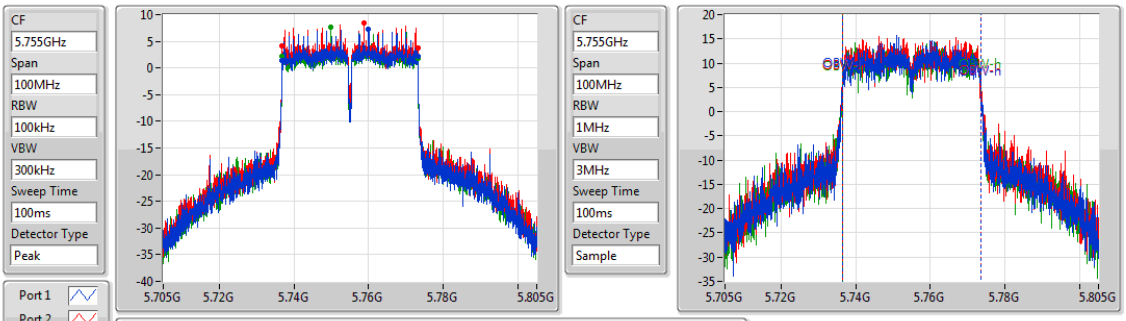


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	3.478M	5.72501G	5.728488G	500k	1
3.14M	5.725G	5.72814G	3.458M	5.72501G	5.728468G	500k	2
3.14M	5.725G	5.72814G	3.418M	5.72503G	5.728448G	500k	3

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

5755MHz

29/11/2018

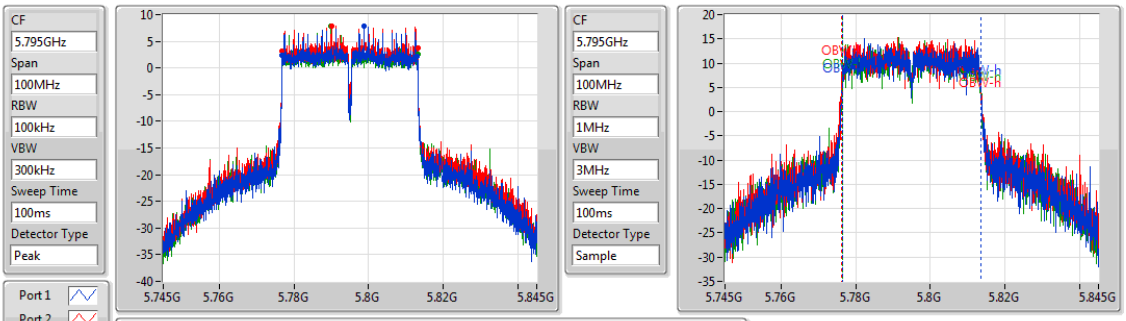


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	5.7368G	5.77315G	37.15M	5.7364G	5.77355G	500k	1
36.3M	5.73685G	5.77315G	37.15M	5.73645G	5.7736G	500k	2
36.3M	5.73685G	5.77315G	37.2M	5.73645G	5.77365G	500k	3

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

5795MHz

29/11/2018

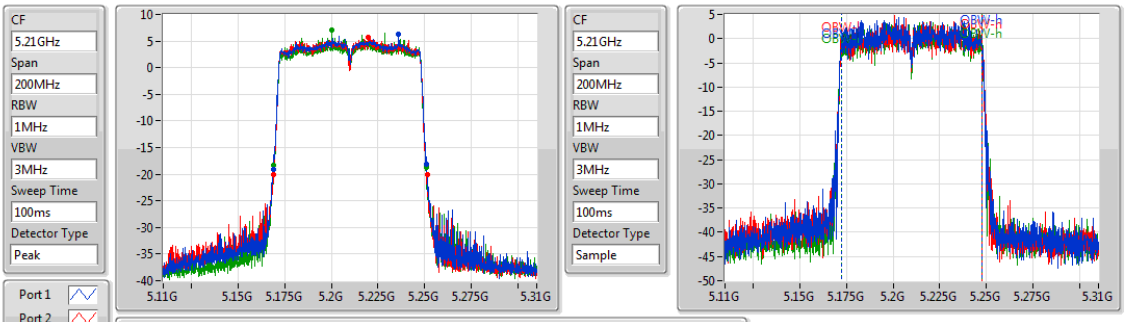


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.05M	5.77685G	5.8129G	37.15M	5.7764G	5.81355G	500k	1
36.3M	5.77685G	5.81315G	37.3M	5.7763G	5.8136G	500k	2
36.3M	5.77685G	5.81315G	37.25M	5.77635G	5.8136G	500k	3

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

5210MHz

28/11/2018

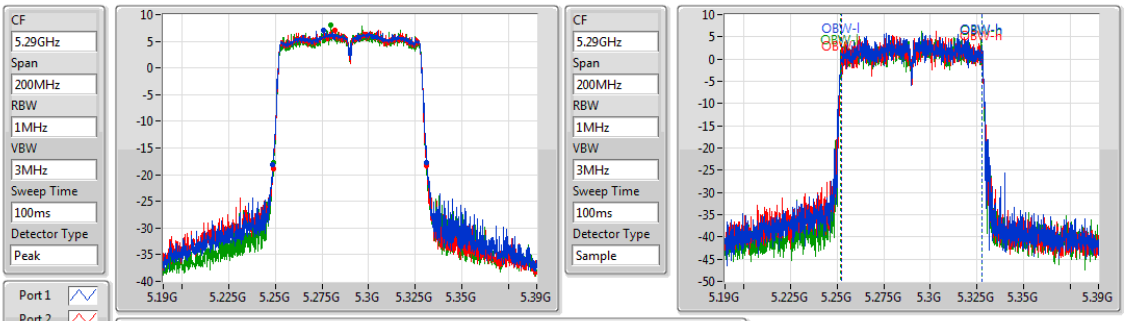


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.1689G	5.2511G	75.562M	5.172219G	5.247781G	Inf	1
82.4M	5.1689G	5.2513G	75.662M	5.172119G	5.247781G	Inf	2
81.8M	5.1692G	5.251G	75.562M	5.172219G	5.247781G	Inf	3

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

5290MHz

28/11/2018

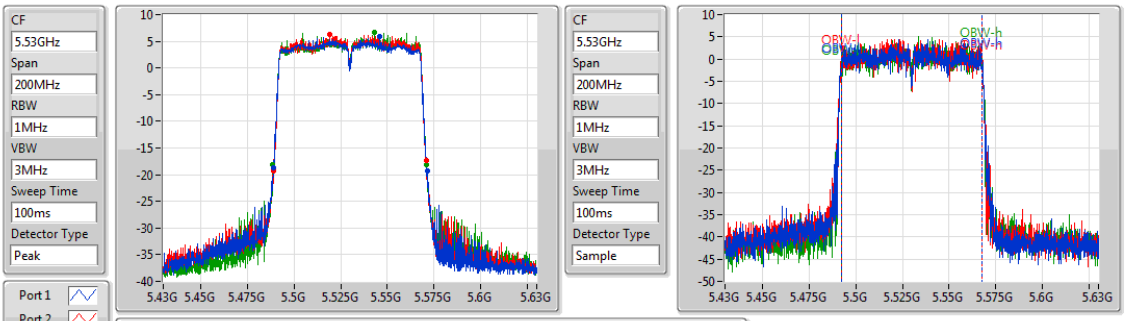


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.5M	5.2487G	5.3312G	75.762M	5.252119G	5.327881G	Inf	1
82.4M	5.2488G	5.3312G	75.662M	5.252119G	5.327781G	Inf	2
82.1M	5.249G	5.3311G	75.762M	5.252019G	5.327781G	Inf	3

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

5530MHz

28/11/2018

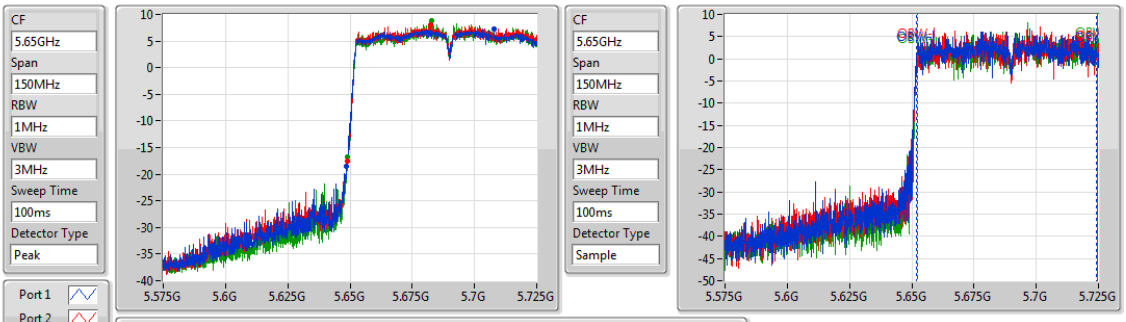


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.5M	5.4889G	5.5714G	75.662M	5.492119G	5.567781G	Inf	1
82.3M	5.4888G	5.5711G	75.662M	5.492119G	5.567781G	Inf	2
82.3M	5.4887G	5.571G	75.662M	5.492119G	5.567781G	Inf	3

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

5690MHz Straddle 5.47-5.725GHz

29/11/2018

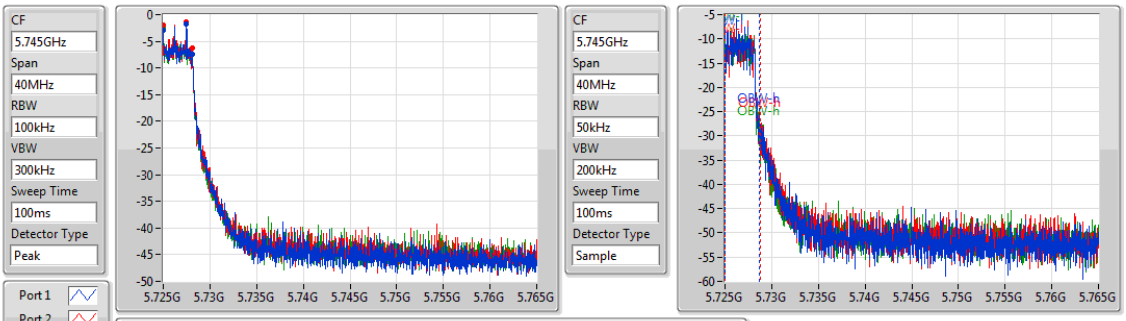


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.5M	5.6485G	5.725G	72.339M	5.652024G	5.724363G	Inf	1
76.2M	5.6488G	5.725G	72.489M	5.652099G	5.724588G	Inf	2
75.9M	5.6491G	5.725G	72.564M	5.652099G	5.724663G	Inf	3

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

5690MHz Straddle 5.725-5.85GHz

29/11/2018

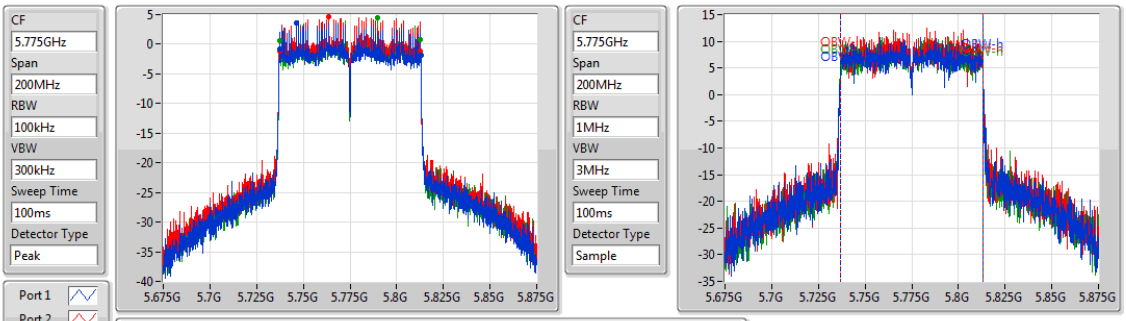


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	3.678M	5.72501G	5.728688G	500k	1
3.12M	5.725G	5.72812G	3.758M	5.72501G	5.728768G	500k	2
3.14M	5.725G	5.72814G	3.658M	5.72501G	5.728668G	500k	3

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

5775MHz

28/11/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.5M	5.7374G	5.8129G	76.062M	5.736919G	5.812981G	500k	1
75.3M	5.7374G	5.8127G	75.962M	5.737019G	5.812981G	500k	2
75.2M	5.7374G	5.8126G	76.062M	5.736919G	5.812981G	500k	3

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_3TX	26.27	0.42364
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	26.70	0.46774
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	25.41	0.34754
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	18.59	0.07228
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_3TX	21.73	0.14894
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	20.95	0.12445
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	20.92	0.12359
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	20.18	0.10423
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_3TX	22.02	0.15922
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	20.90	0.12303
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	21.00	0.12589
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	20.90	0.12303
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_3TX	28.06	0.63973
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	27.99	0.62951
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	27.08	0.51050
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	25.61	0.36392

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	4.20	19.91	19.08	18.86	24.08	30.00
5200MHz	Pass	4.20	21.59	20.32	20.4	25.58	30.00
5240MHz	Pass	4.20	22.26	20.19	21.8	26.27	30.00
5260MHz	Pass	4.20	16.82	16.67	16.45	21.42	23.98
5300MHz	Pass	4.20	17.02	16.71	16.46	21.51	23.98
5320MHz	Pass	4.20	17.41	16.97	16.45	21.73	23.98
5500MHz	Pass	4.90	15.53	14.97	14.96	19.93	23.98
5580MHz	Pass	4.90	15.17	15.10	14.77	19.79	23.98
5700MHz	Pass	4.20	17.47	17.37	16.89	22.02	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.20	14.97	15.04	14.55	19.63	22.73
5720MHz Straddle 5.725-5.85GHz	Pass	4.20	8.98	8.94	8.34	13.53	30.00
5745MHz	Pass	4.10	23.99	22.45	23.29	28.06	30.00
5785MHz	Pass	4.10	23.42	22.52	23.63	27.99	30.00
5825MHz	Pass	3.20	24.02	22.47	23.24	28.06	30.00
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	8.97	18.89	18.05	17.81	23.05	27.03
5200MHz	Pass	8.97	17.67	17.11	16.53	21.90	27.03
5240MHz	Pass	8.97	22.66	20.68	22.2	26.70	27.03
5260MHz	Pass	8.97	16.49	15.97	15.70	20.84	21.01
5300MHz	Pass	8.97	15.77	15.23	15.10	20.15	21.01
5320MHz	Pass	8.97	16.64	16.15	15.70	20.95	21.01
5500MHz	Pass	9.67	15.19	15.01	14.64	19.72	20.31
5580MHz	Pass	9.67	15.41	15.24	15.21	20.06	20.31
5700MHz	Pass	8.97	16.25	16.40	15.70	20.90	21.01
5720MHz Straddle 5.47-5.725GHz	Pass	8.97	15.18	14.94	14.59	19.68	19.83
5720MHz Straddle 5.725-5.85GHz	Pass	8.97	9.44	9.46	8.94	14.06	27.03
5745MHz	Pass	8.87	22.24	22.86	21.90	27.12	27.13
5785MHz	Pass	8.87	22.15	22.74	22.03	27.09	27.13
5825MHz	Pass	7.97	23.92	22.45	23.17	27.99	28.03
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	8.97	16.22	15.66	15.44	20.56	27.03
5230MHz	Pass	8.97	21.37	20.32	20.12	25.41	27.03
5270MHz	Pass	8.97	16.50	16.20	15.61	20.89	21.01
5310MHz	Pass	8.97	16.56	16.07	15.77	20.92	21.01
5510MHz	Pass	9.67	15.50	15.34	15.32	20.16	20.31
5550MHz	Pass	9.67	15.86	15.65	14.98	20.28	20.31
5670MHz	Pass	8.97	16.33	16.30	16.04	21.00	21.01
5710MHz Straddle 5.47-5.725GHz	Pass	8.97	16.38	16.40	15.88	21.00	21.01
5710MHz Straddle 5.725-5.85GHz	Pass	8.97	6.34	6.28	5.96	10.97	27.03
5755MHz	Pass	8.87	22.22	22.74	21.92	27.08	27.13
5795MHz	Pass	8.87	22.05	22.74	21.85	27.00	27.13
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-

Power Result

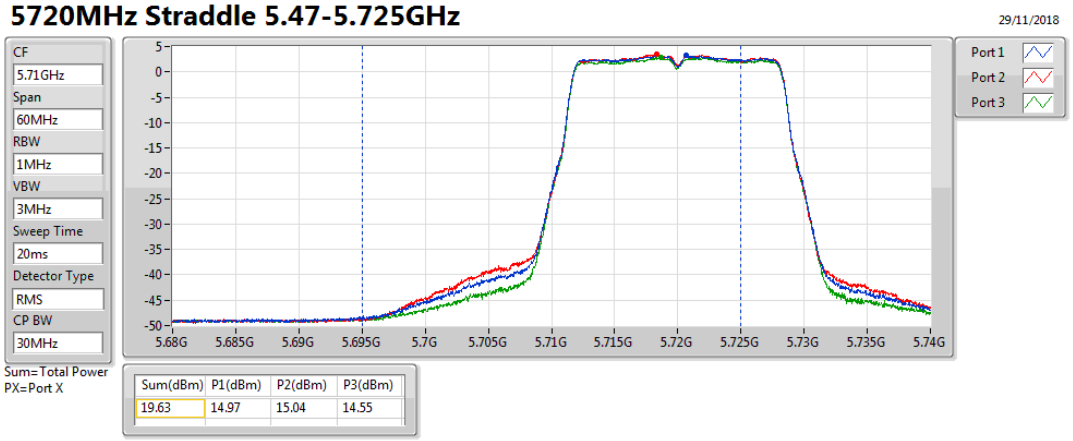
Appendix C

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
5210MHz	Pass	8.97	14.32	13.67	13.4	18.59	27.03
5290MHz	Pass	8.97	15.81	15.35	15.04	20.18	21.01
5530MHz	Pass	9.67	14.42	14.38	14.1	19.07	20.31
5690MHz Straddle 5.47-5.725GHz	Pass	8.97	16.41	16.20	15.74	20.90	21.01
5690MHz Straddle 5.725-5.85GHz	Pass	8.97	2.25	2.34	2.03	6.98	27.03
5775MHz	Pass	8.87	20.47	21.27	20.74	25.61	27.13

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

802.11a_Nss1,(6Mbps)_3TX **AV Power**

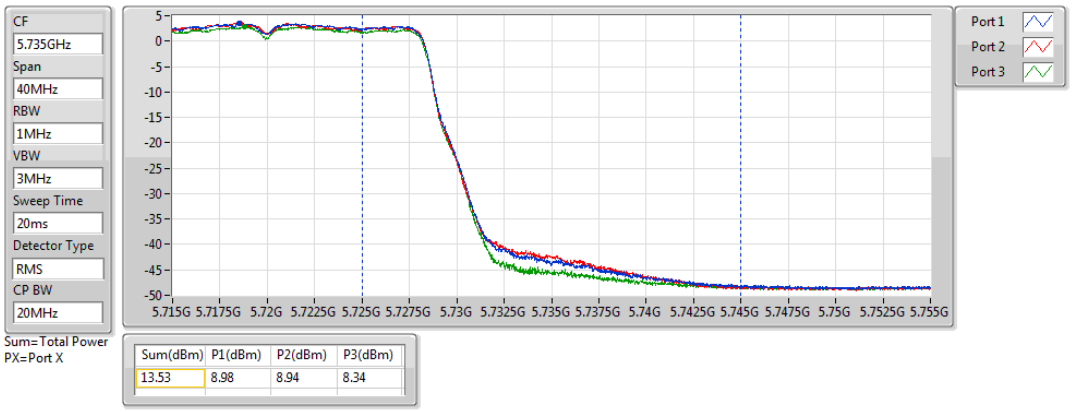
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
19.63	14.97	15.04	14.55

802.11a_Nss1,(6Mbps)_3TX **AV Power**

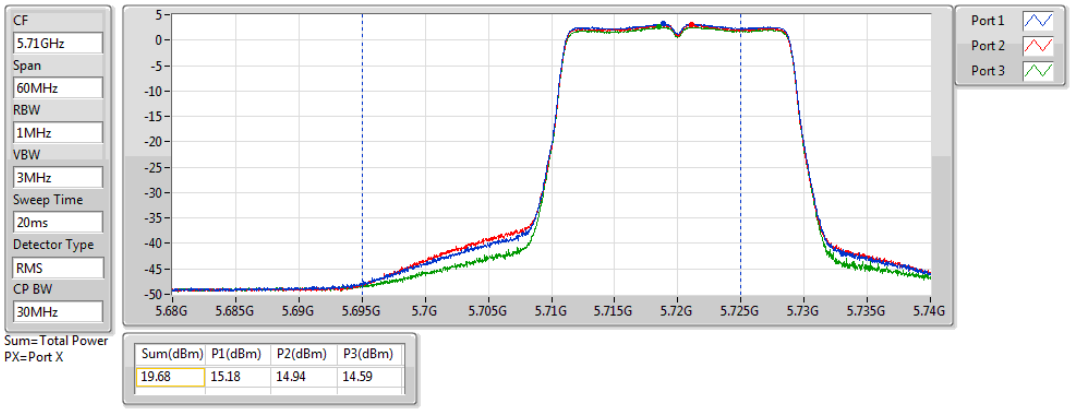
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
13.53	8.98	8.94	8.34

802.11ac VHT20-BF_Nss1,(MCS0)_3TX **AV Power**

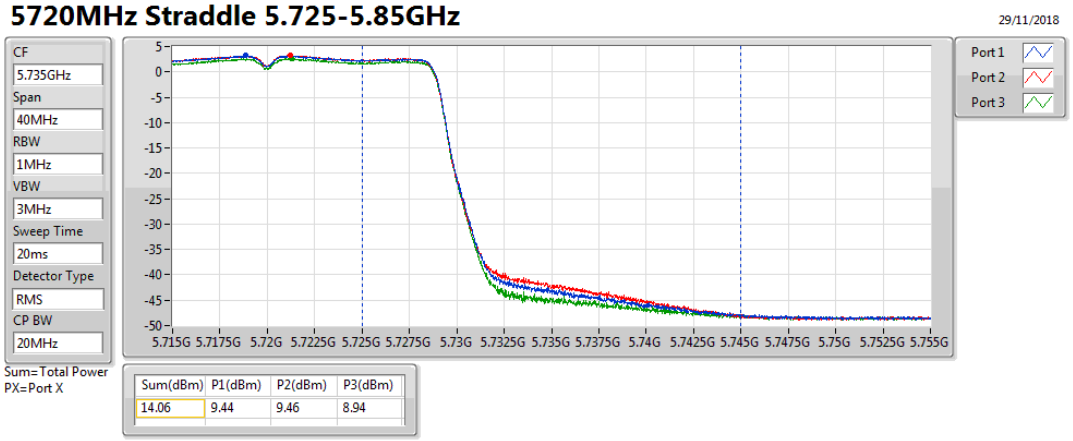
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
19.68	15.18	14.94	14.59

802.11ac VHT20-BF_Nss1,(MCS0)_3TX **AV Power**

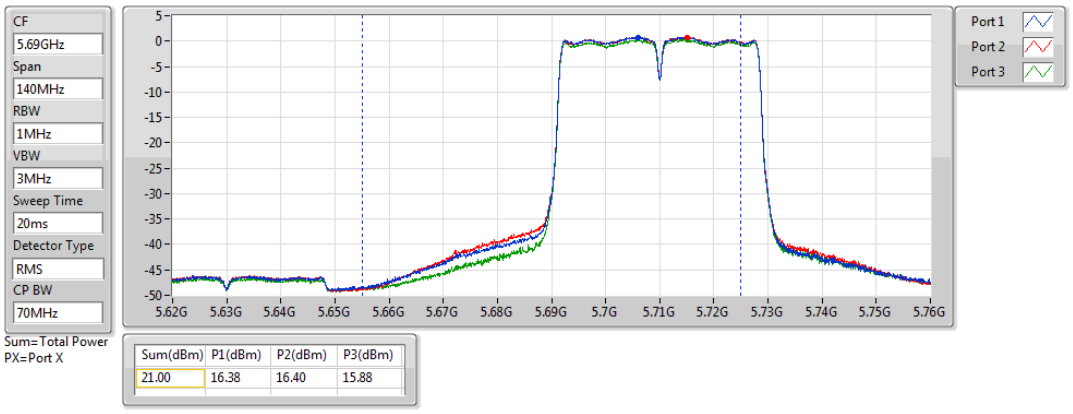
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
14.06	9.44	9.46	8.94

802.11ac VHT40-BF_Nss1,(MCS0)_3TX **AV Power**

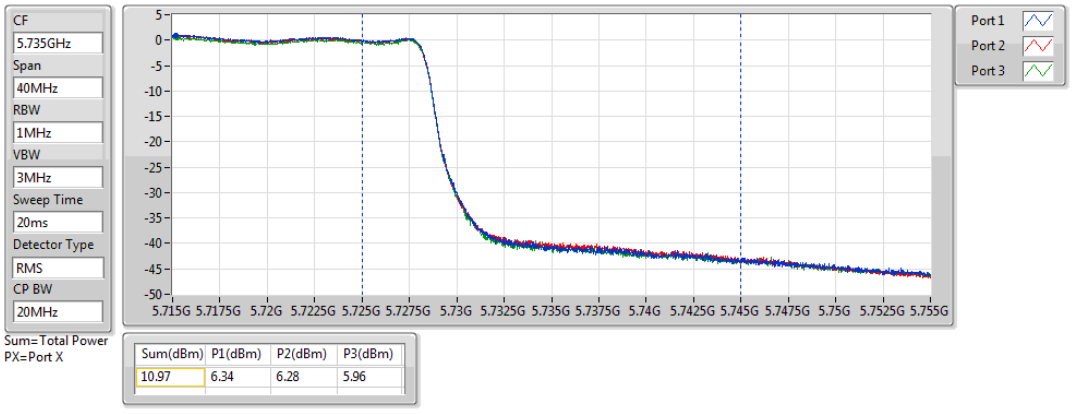
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
21.00	16.38	16.40	15.88

802.11ac VHT40-BF_Nss1,(MCS0)_3TX **AV Power**

5710MHz Straddle 5.725-5.85GHz

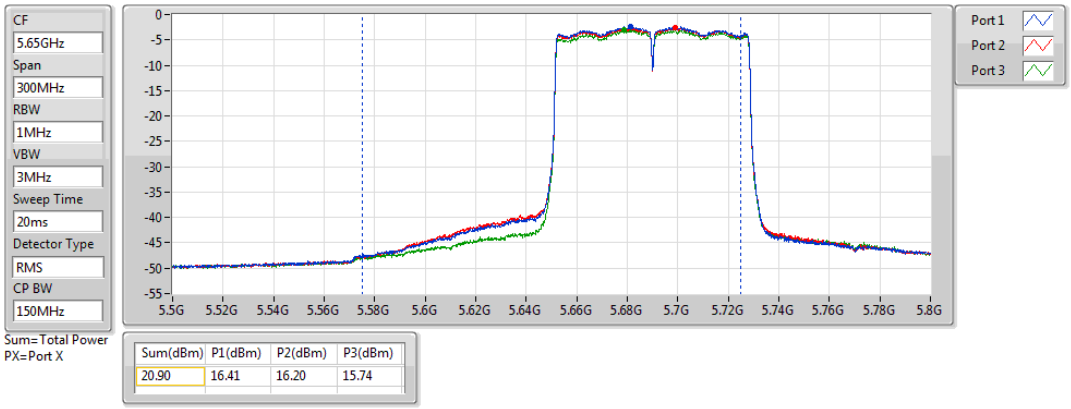


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
10.97	6.34	6.28	5.96

802.11ac VHT80-BF_Nss1,(MCS0)_3TX **AV Power**

5690MHz Straddle 5.47-5.725GHz

29/11/2018

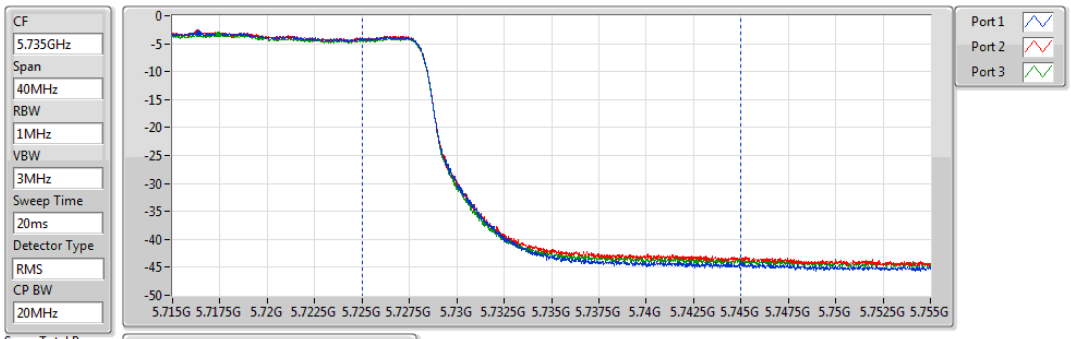


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
20.90	16.41	16.20	15.74

802.11ac VHT80-BF_Nss1,(MCS0)_3TX **AV Power**

5690MHz Straddle 5.725-5.85GHz

29/11/2018



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
6.98	2.25	2.34	2.03

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_3TX	13.25
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	13.31
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	9.37
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-0.43
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_3TX	8.00
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	7.05
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	4.12
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	1.09
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_3TX	7.91
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	7.61
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	5.37
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	1.94
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_3TX	13.64
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	13.33
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	7.17
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	5.23

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	8.97	7.01	6.37	5.94	11.16	14.03
5200MHz	Pass	8.97	8.72	7.41	7.45	12.62	14.03
5240MHz	Pass	8.97	9.23	7.28	8.83	13.25	14.03
5260MHz	Pass	8.97	3.49	3.10	2.83	7.83	8.03
5300MHz	Pass	8.97	3.74	3.28	2.96	8.00	8.03
5320MHz	Pass	8.97	3.72	3.38	2.74	8.00	8.03
5500MHz	Pass	9.67	2.82	2.64	2.25	7.23	7.33
5580MHz	Pass	9.67	2.66	2.53	2.21	7.11	7.33
5700MHz	Pass	8.97	3.52	3.36	2.85	7.91	8.03
5720MHz Straddle 5.47-5.725GHz	Pass	8.97	3.34	3.49	2.78	7.87	8.03
5720MHz Straddle 5.725-5.85GHz	Pass	8.97	1.35	1.26	0.62	5.80	27.03
5745MHz	Pass	8.87	9.59	8.24	8.79	13.55	27.13
5785MHz	Pass	8.87	8.96	8.14	9.16	13.46	27.13
5825MHz	Pass	7.97	9.63	8.26	8.89	13.64	28.03
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	8.97	5.71	4.99	4.59	9.88	14.03
5200MHz	Pass	8.97	4.56	4.01	3.36	8.72	14.03
5240MHz	Pass	8.97	9.28	7.30	8.90	13.31	14.03
5260MHz	Pass	8.97	2.54	2.31	1.94	6.98	8.03
5300MHz	Pass	8.97	2.60	2.10	1.91	6.92	8.03
5320MHz	Pass	8.97	2.63	2.46	1.90	7.05	8.03
5500MHz	Pass	9.67	2.63	2.40	2.21	7.16	7.33
5580MHz	Pass	9.67	2.78	2.61	2.17	7.26	7.33
5700MHz	Pass	8.97	2.18	1.95	1.44	6.57	8.03
5720MHz Straddle 5.47-5.725GHz	Pass	8.97	3.09	3.12	2.45	7.61	8.03
5720MHz Straddle 5.725-5.85GHz	Pass	8.97	0.93	1.05	0.48	5.54	27.03
5745MHz	Pass	8.87	5.24	6.12	5.00	10.16	27.13
5785MHz	Pass	8.87	5.38	6.01	5.20	10.24	27.13
5825MHz	Pass	7.97	9.37	7.88	8.61	13.33	28.03
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	8.97	0.17	-0.22	-0.55	4.54	14.03
5230MHz	Pass	8.97	5.33	4.34	4.19	9.37	14.03
5270MHz	Pass	8.97	-0.25	-0.56	-1.13	4.12	8.03
5310MHz	Pass	8.97	-0.23	-0.64	-0.97	4.11	8.03
5510MHz	Pass	9.67	0.02	0.06	-0.39	4.64	7.33
5550MHz	Pass	9.67	0.13	0.10	-0.42	4.66	7.33
5670MHz	Pass	8.97	-0.75	-0.64	-0.99	3.98	8.03
5710MHz Straddle 5.47-5.725GHz	Pass	8.97	1.00	0.71	0.31	5.37	8.03
5710MHz Straddle 5.725-5.85GHz	Pass	8.97	-1.11	-1.09	-1.34	3.53	27.03
5755MHz	Pass	8.87	2.13	3.05	2.14	7.17	27.13
5795MHz	Pass	8.87	2.10	2.83	2.11	7.03	27.13
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-

PSD Result

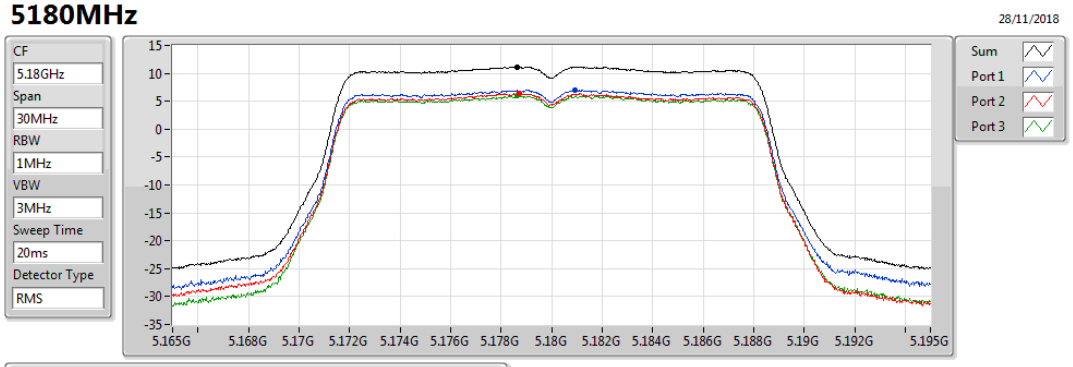
Appendix D

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	8.97	-4.65	-5.19	-5.58	-0.43	14.03
5290MHz	Pass	8.97	-3.18	-3.71	-3.93	1.09	8.03
5530MHz	Pass	9.67	-4.48	-4.56	-4.96	-0.02	7.33
5690MHz Straddle 5.47-5.725GHz	Pass	8.97	-2.50	-2.61	-3.12	1.94	8.03
5690MHz Straddle 5.725-5.85GHz	Pass	8.97	-5.29	-5.07	-5.44	-0.65	27.03
5775MHz	Pass	8.87	0.16	0.97	0.56	5.23	27.13

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

802.11a_Nss1,(6Mbps)_3TX **PSD**

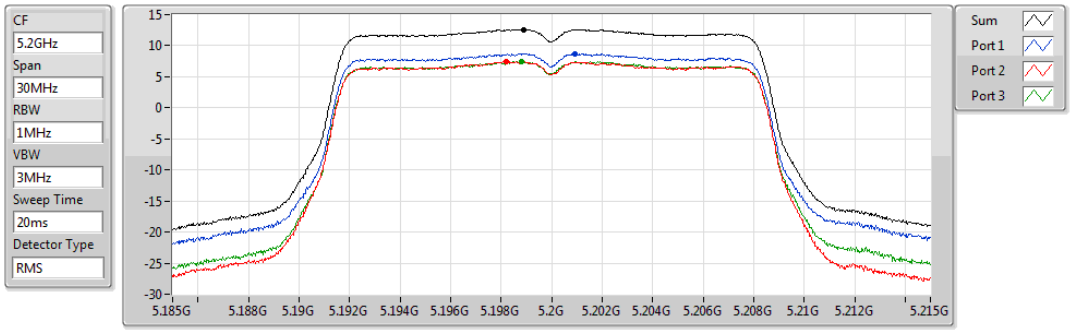
5180MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.16	11.16	7.01	6.37	5.94

802.11a_Nss1,(6Mbps)_3TX **PSD**

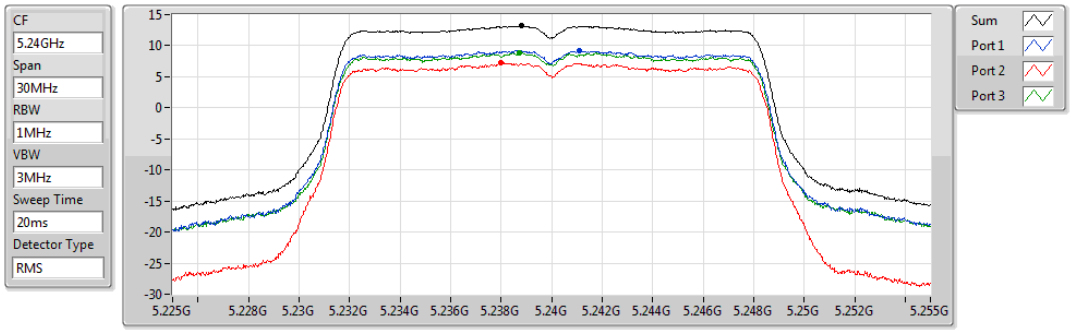
5200MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.62	12.62	8.72	7.41	7.45

802.11a_Nss1,(6Mbps)_3TX **PSD**

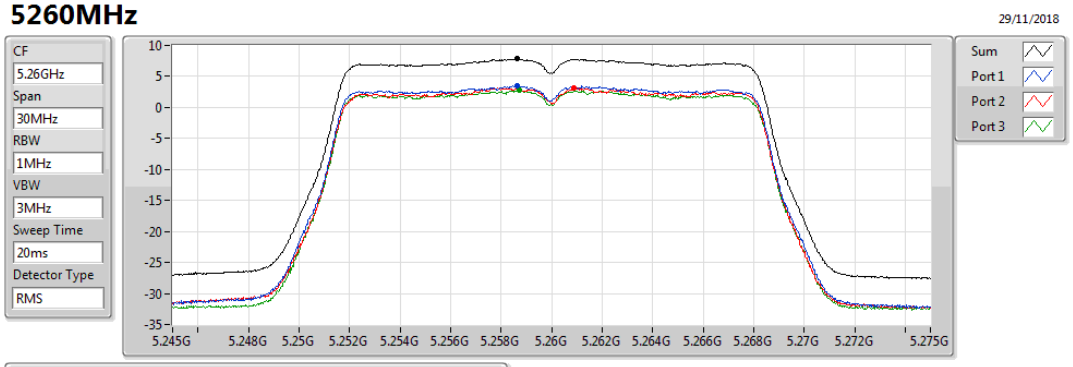
5240MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.25	13.25	9.23	7.28	8.83

802.11a_Nss1,(6Mbps)_3TX **PSD**

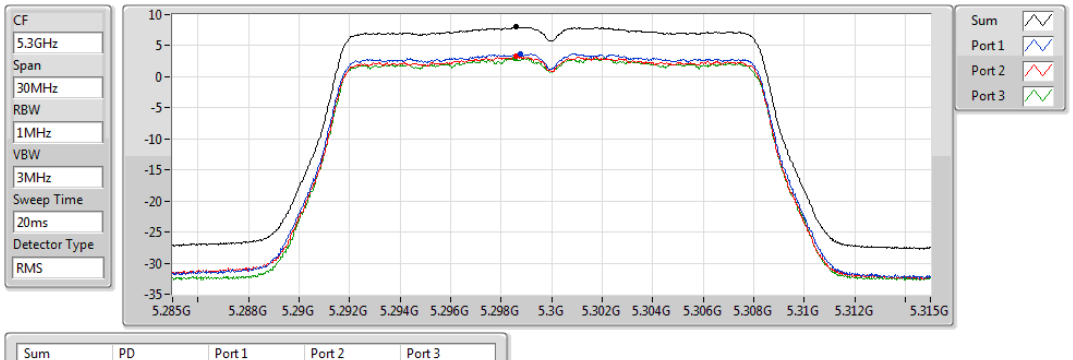
5260MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.83	7.83	3.49	3.10	2.83

802.11a_Nss1,(6Mbps)_3TX **PSD**

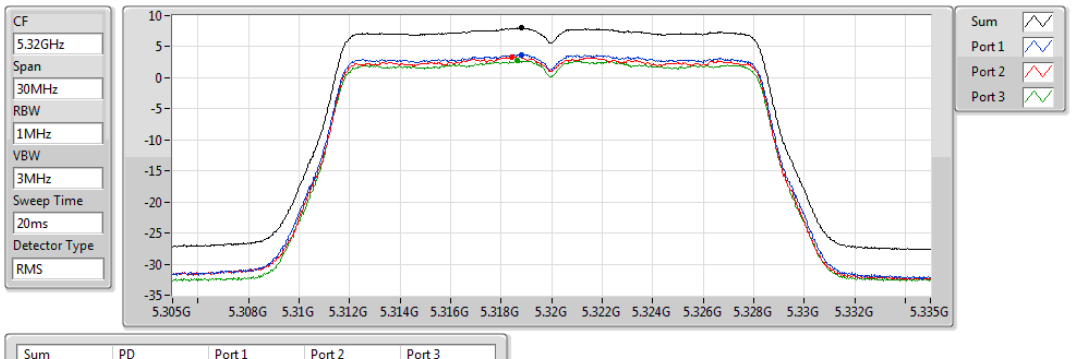
5300MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.00	8.00	3.74	3.28	2.96

802.11a_Nss1,(6Mbps)_3TX **PSD**

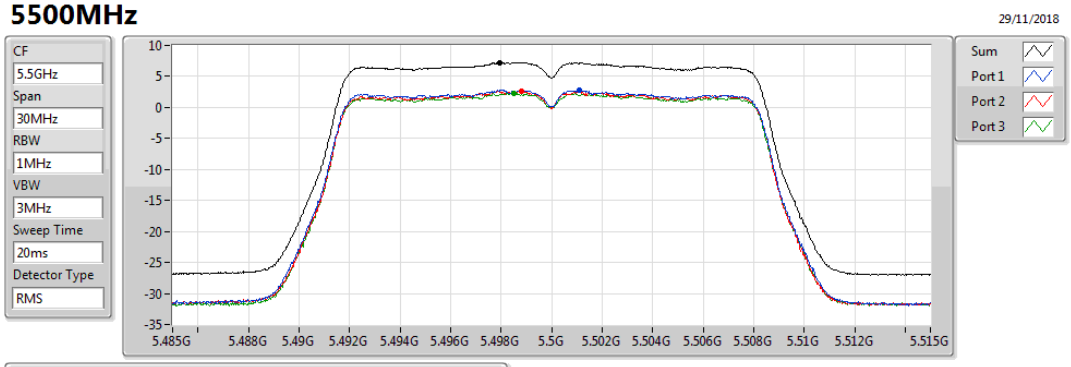
5320MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.00	8.00	3.72	3.38	2.74

802.11a_Nss1,(6Mbps)_3TX **PSD**

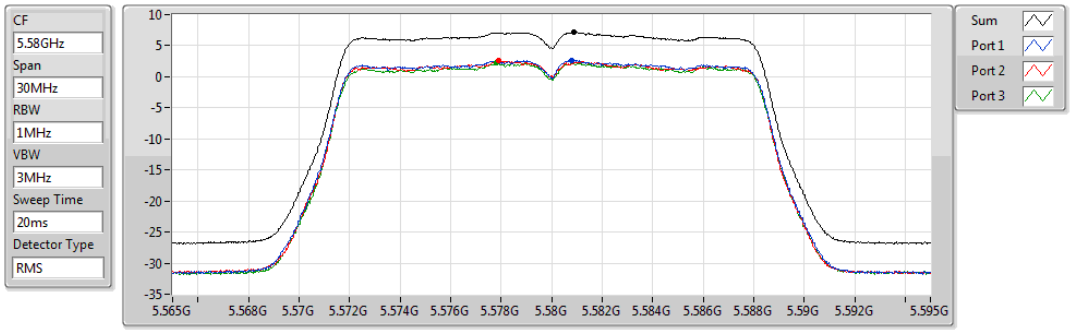
5500MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.23	7.23	2.82	2.64	2.25

802.11a_Nss1,(6Mbps)_3TX **PSD**

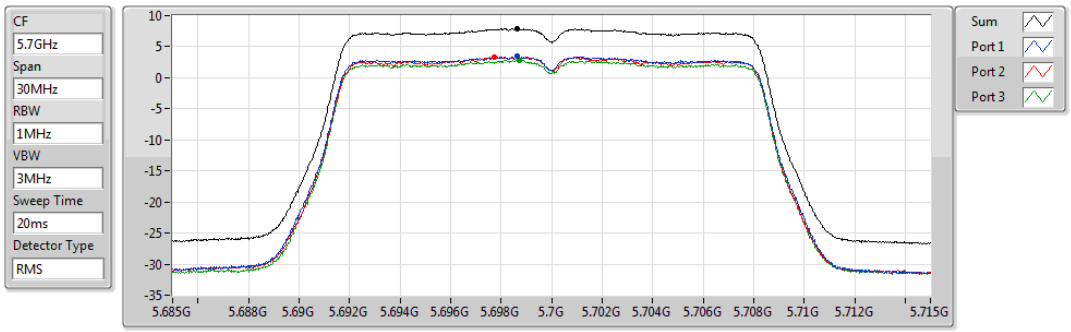
5580MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.11	7.11	2.66	2.53	2.21

802.11a_Nss1,(6Mbps)_3TX **PSD**

5700MHz

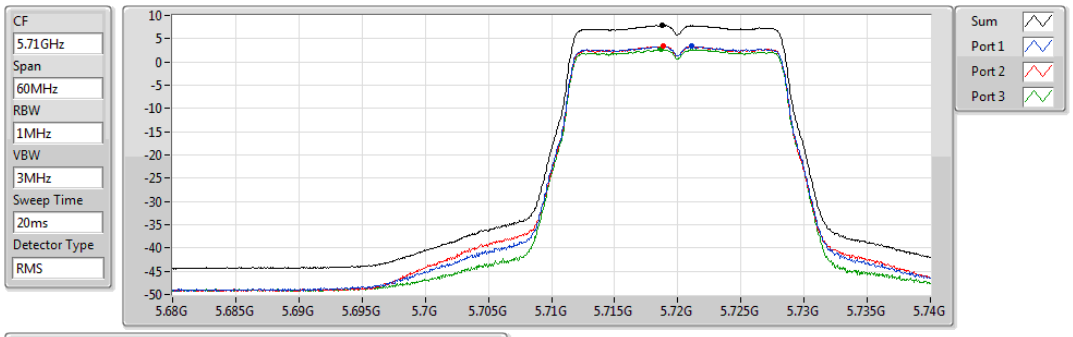


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.91	7.91	3.52	3.36	2.85

802.11a_Nss1,(6Mbps)_3TX **PSD**

5720MHz Straddle 5.47-5.725GHz

29/11/2018

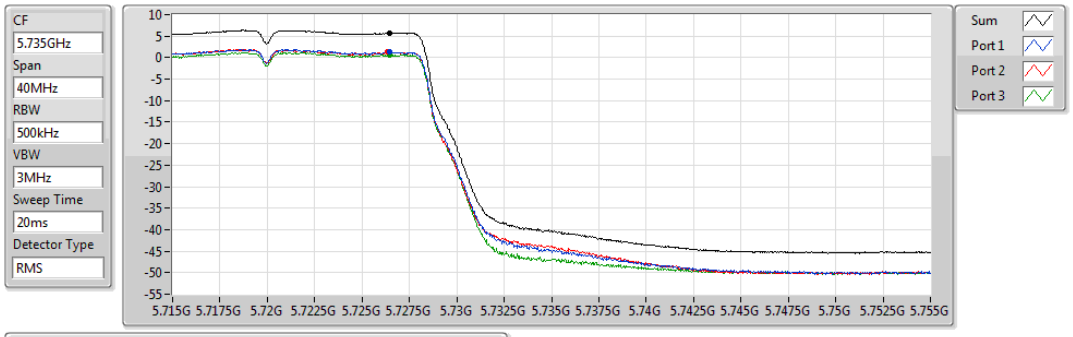


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.87	7.87	3.34	3.49	2.78

802.11a_Nss1,(6Mbps)_3TX **PSD**

5720MHz Straddle 5.725-5.85GHz

29/11/2018

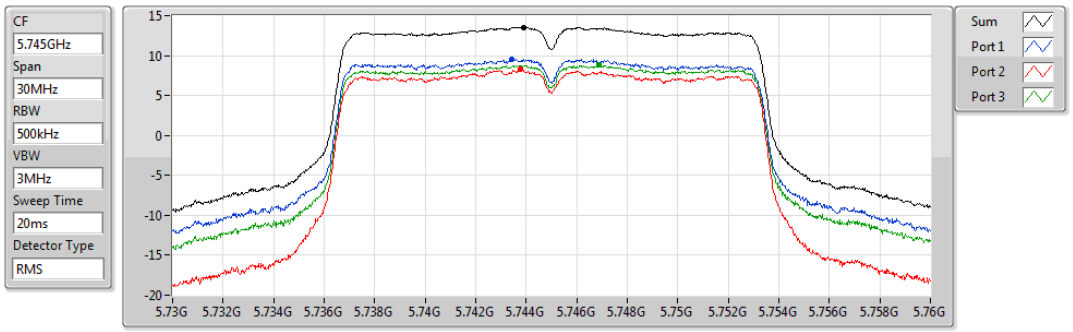


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.80	5.80	1.35	1.26	0.62

802.11a_Nss1,(6Mbps)_3TX **PSD**

5745MHz

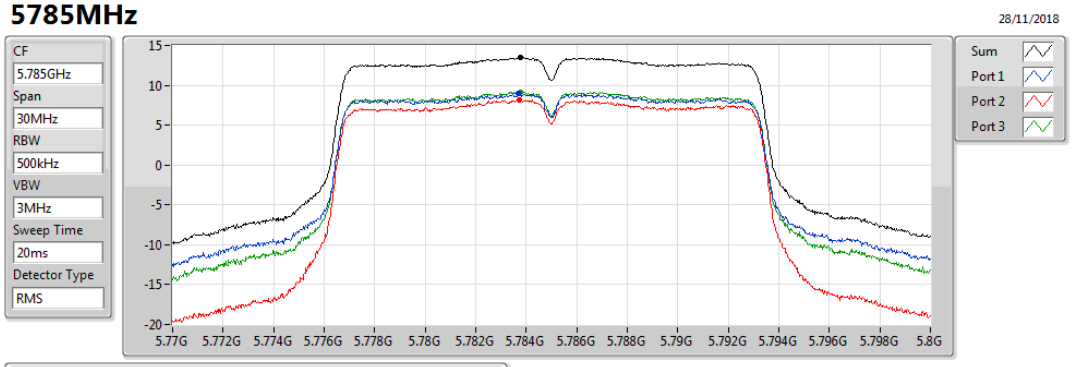
28/11/2018



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.55	13.55	9.59	8.24	8.79

802.11a_Nss1,(6Mbps)_3TX **PSD**

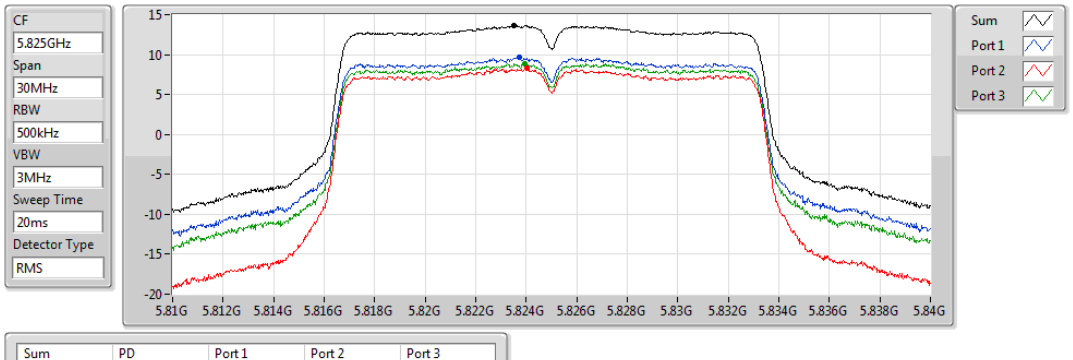
5785MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.46	13.46	8.96	8.14	9.16

802.11a_Nss1,(6Mbps)_3TX **PSD**

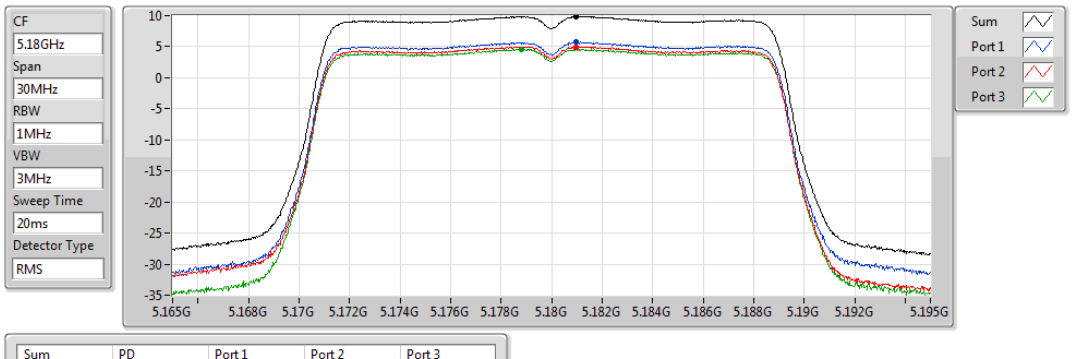
5825MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.64	13.64	9.63	8.26	8.89

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

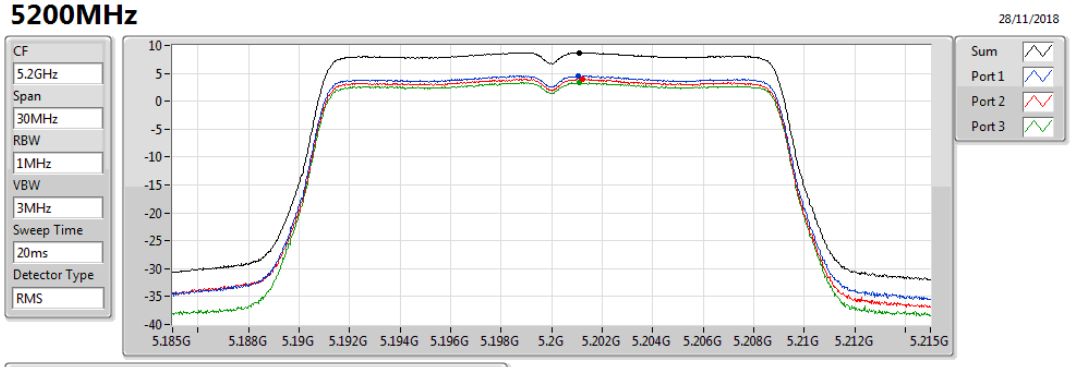
5180MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.88	9.88	5.71	4.99	4.59

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

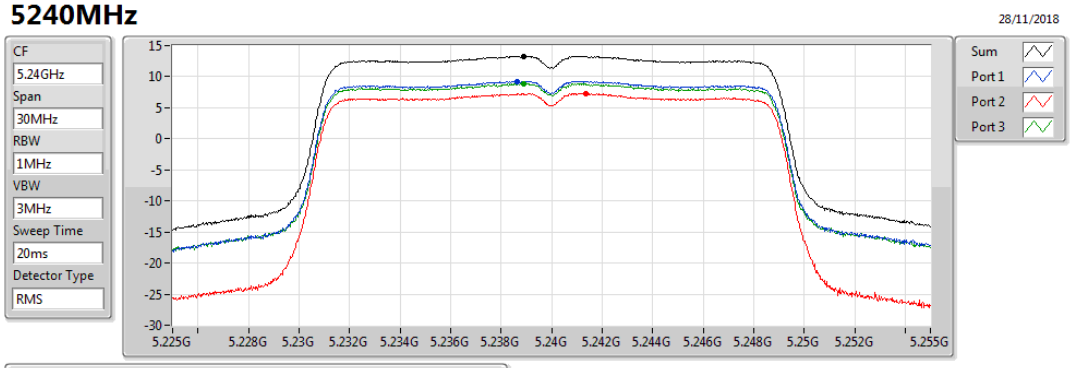
5200MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.72	8.72	4.56	4.01	3.36

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

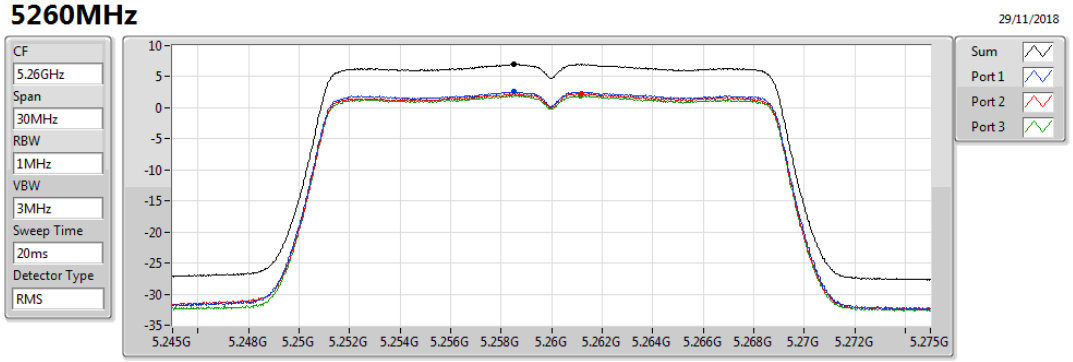
5240MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.31	13.31	9.28	7.30	8.90

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

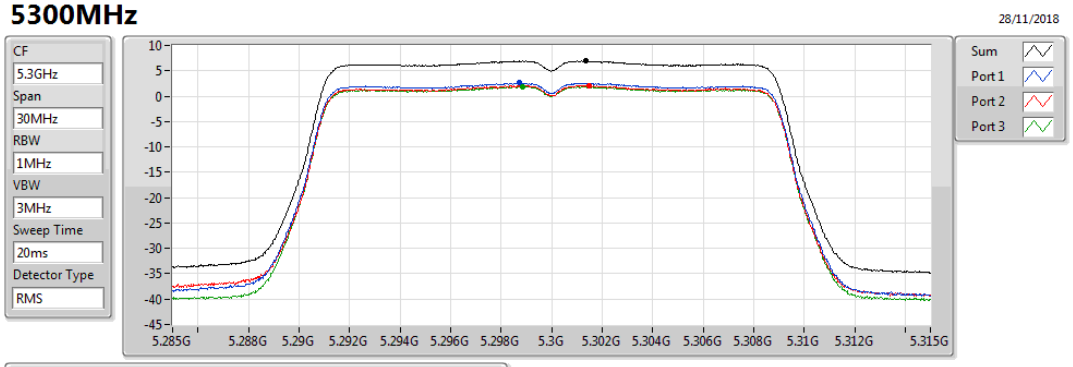
5260MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.98	6.98	2.54	2.31	1.94

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

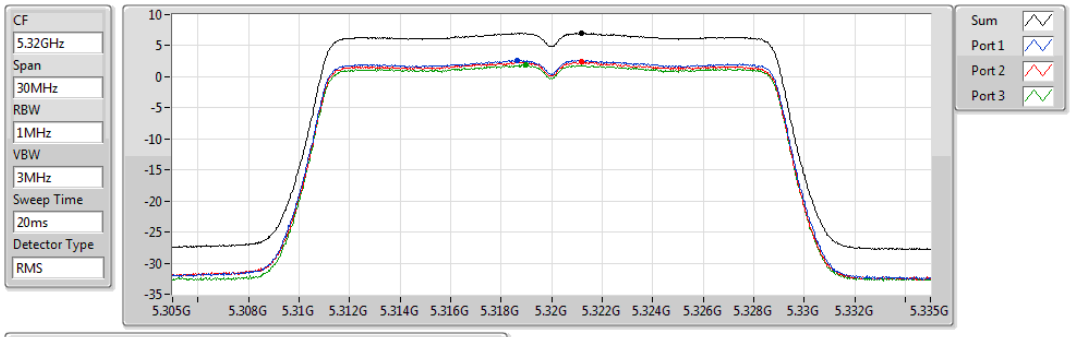
5300MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.92	6.92	2.60	2.10	1.91

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

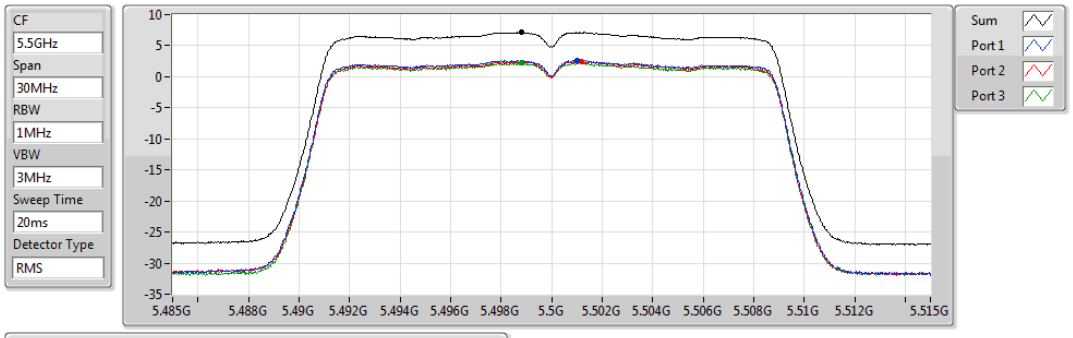
5320MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.05	7.05	2.63	2.46	1.90

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

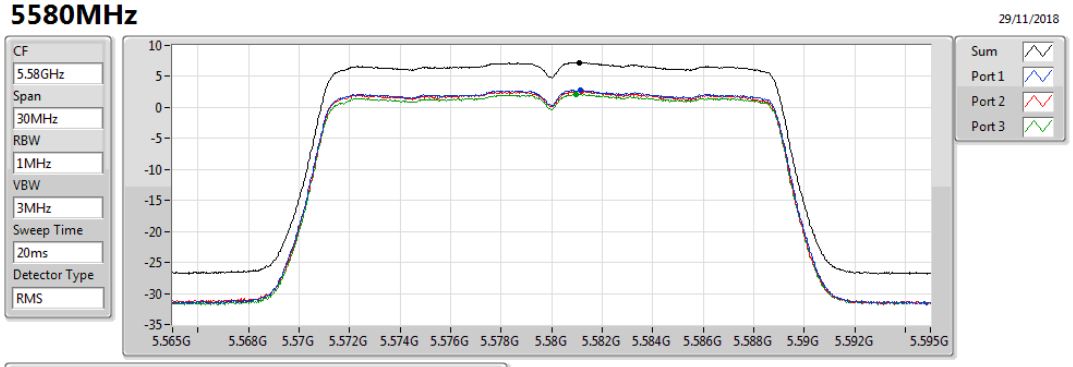
5500MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.16	7.16	2.63	2.40	2.21

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

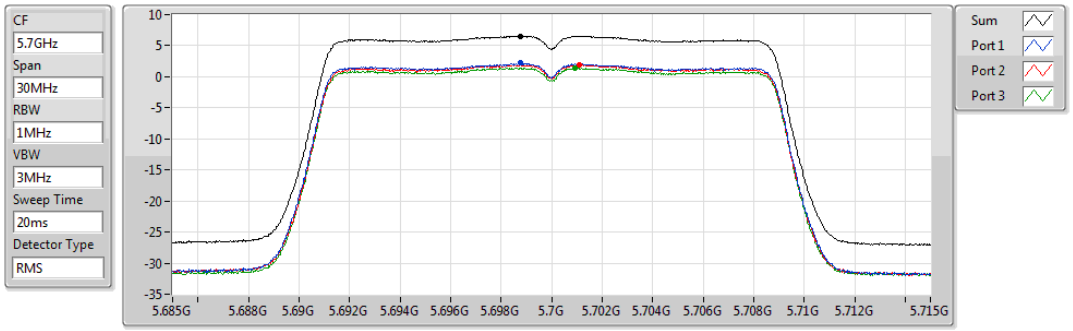
5580MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.26	7.26	2.78	2.61	2.17

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

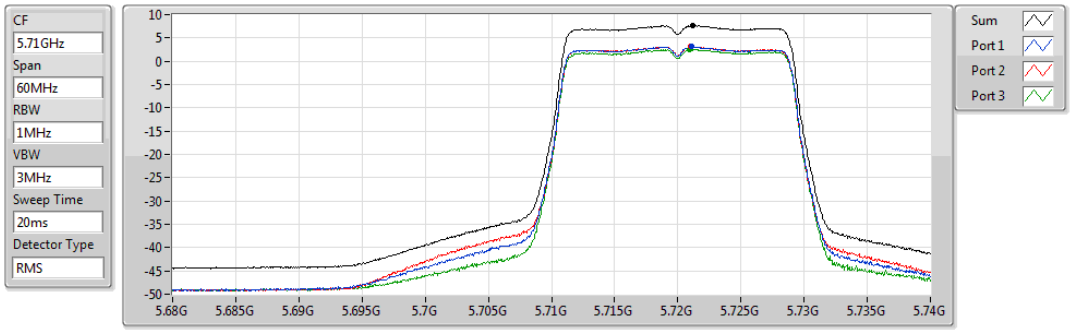
5700MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.57	6.57	2.18	1.95	1.44

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

5720MHz Straddle 5.47-5.725GHz

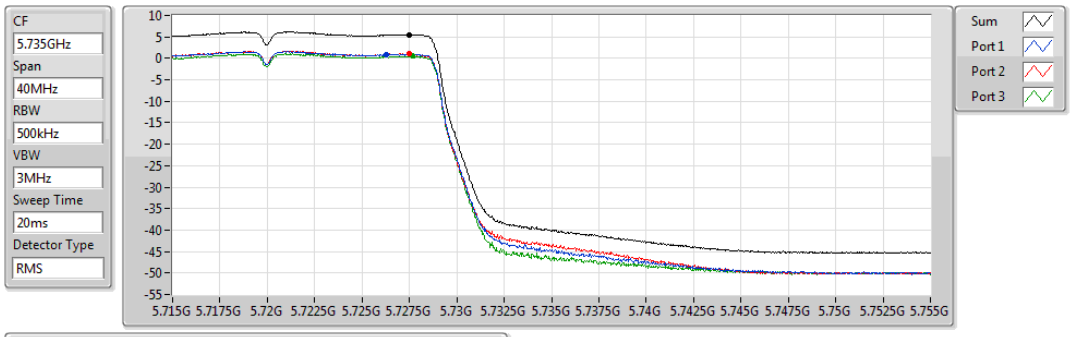


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.61	7.61	3.09	3.12	2.45

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

5720MHz Straddle 5.725-5.85GHz

29/11/2018

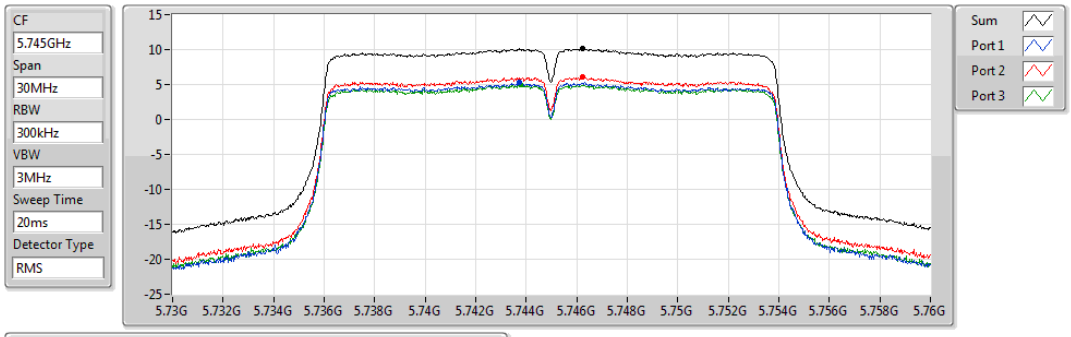


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.54	5.54	0.93	1.05	0.48

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

5745MHz

29/11/2018

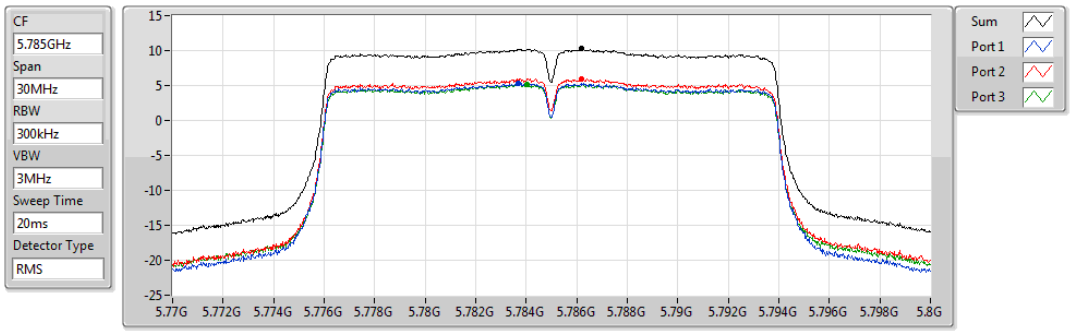


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.16	10.16	5.24	6.12	5.00

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

5785MHz

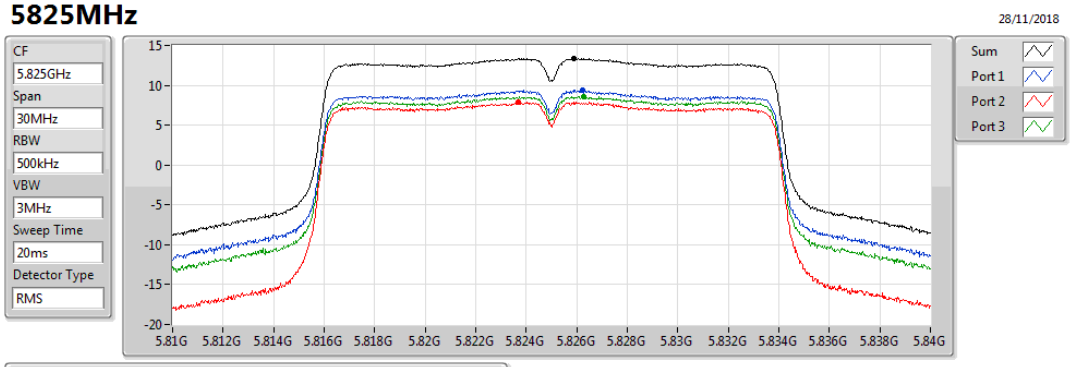
29/11/2018



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.24	10.24	5.38	6.01	5.20

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

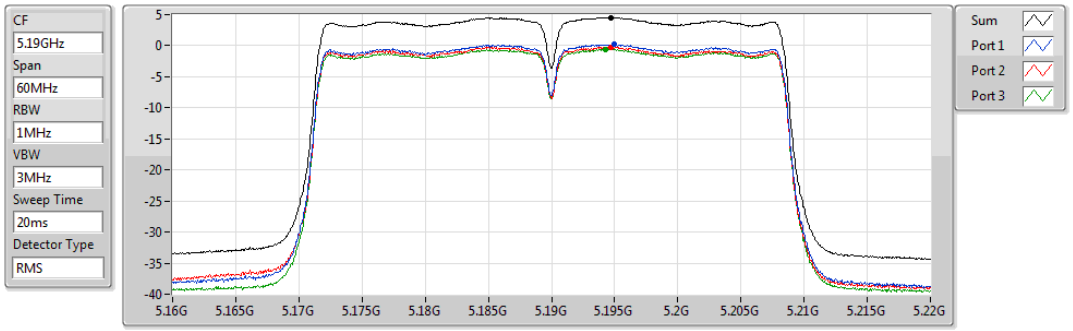
5825MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.33	13.33	9.37	7.88	8.61

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

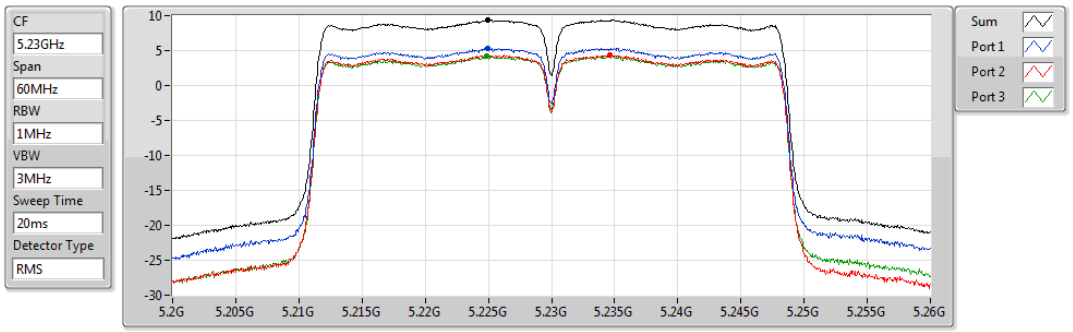
5190MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.54	4.54	0.17	-0.22	-0.55

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

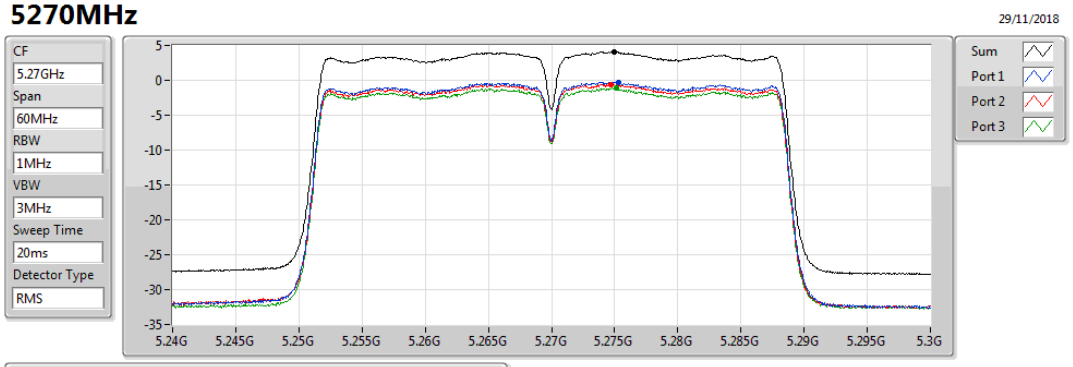
5230MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.37	9.37	5.33	4.34	4.19

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

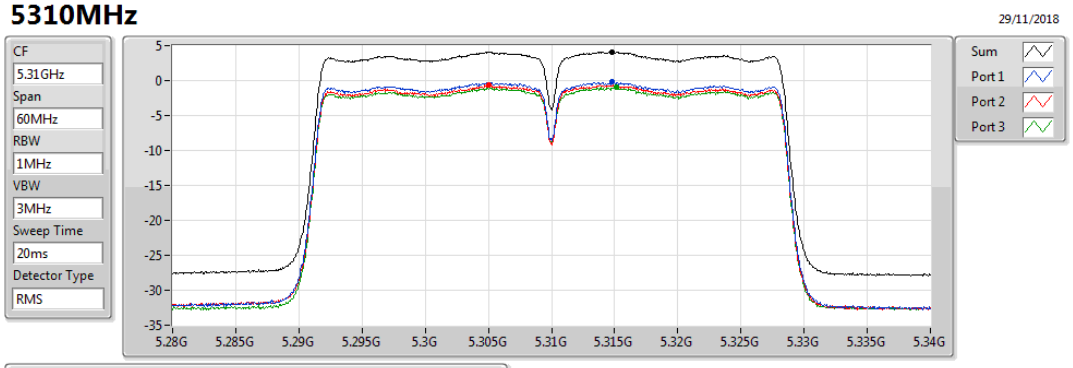
5270MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.12	4.12	-0.25	-0.56	-1.13

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

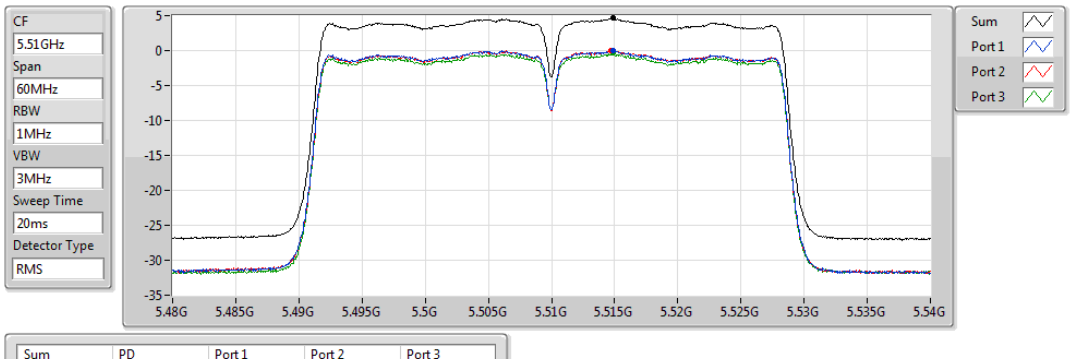
5310MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.11	4.11	-0.23	-0.64	-0.97

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

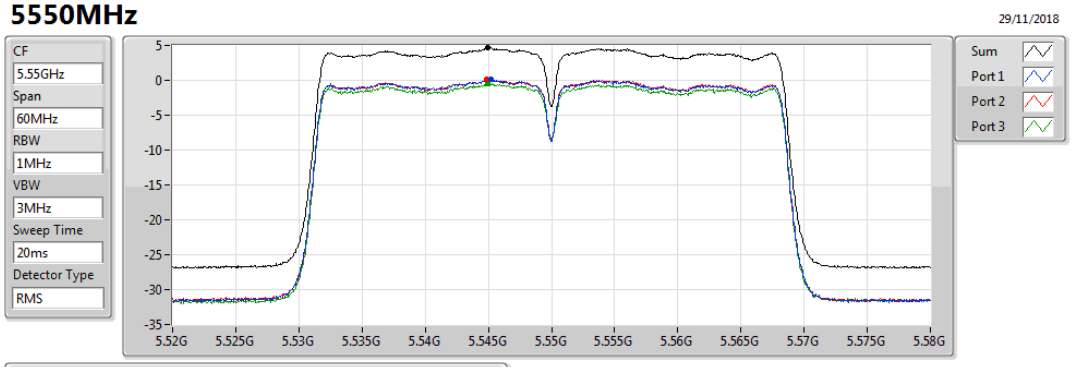
5510MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.64	4.64	0.02	0.06	-0.39

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

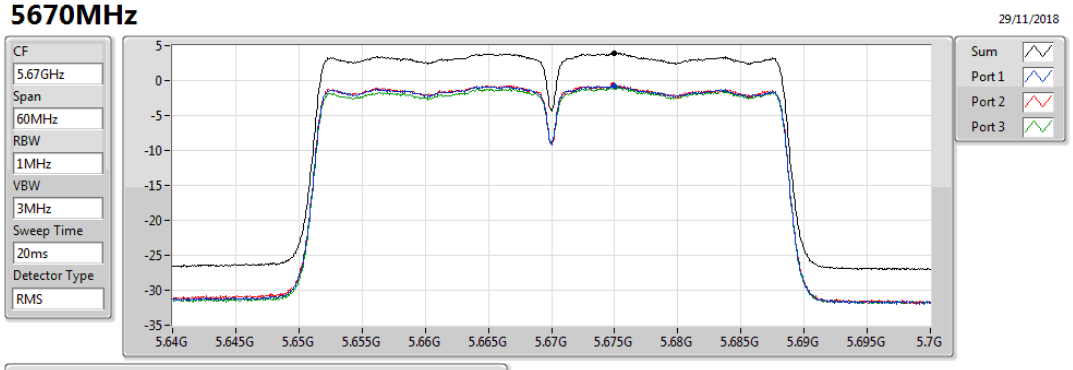
5550MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.66	4.66	0.13	0.10	-0.42

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

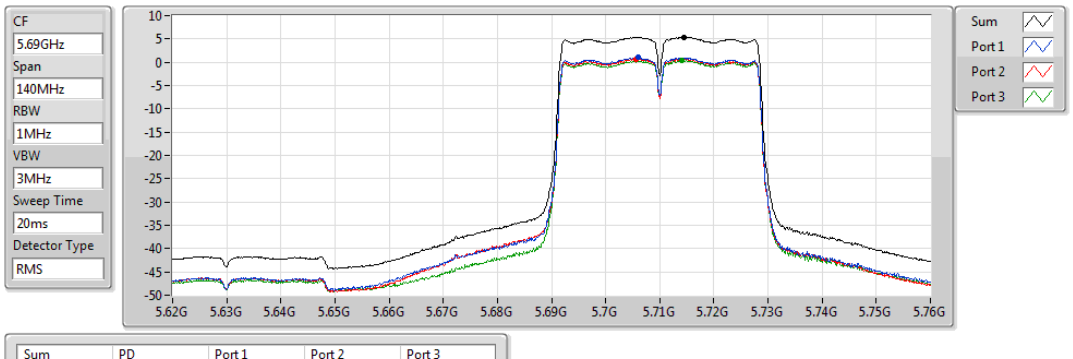
5670MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.98	3.98	-0.75	-0.64	-0.99

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

5710MHz Straddle 5.47-5.725GHz

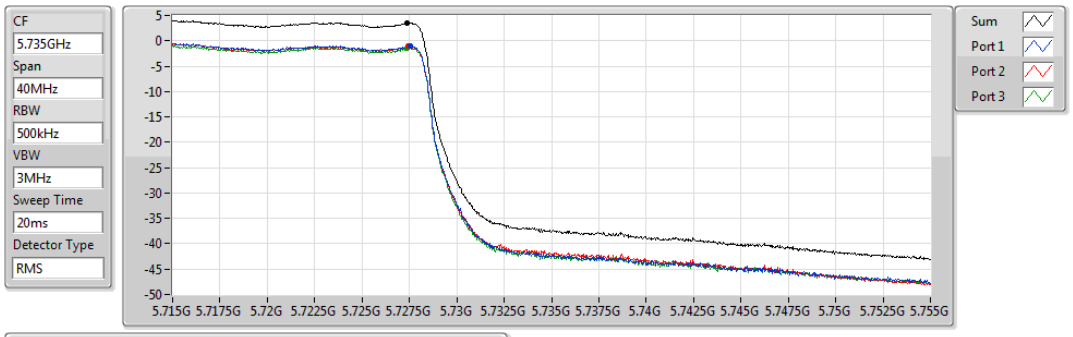


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.37	5.37	1.00	0.71	0.31

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

5710MHz Straddle 5.725-5.85GHz

29/11/2018

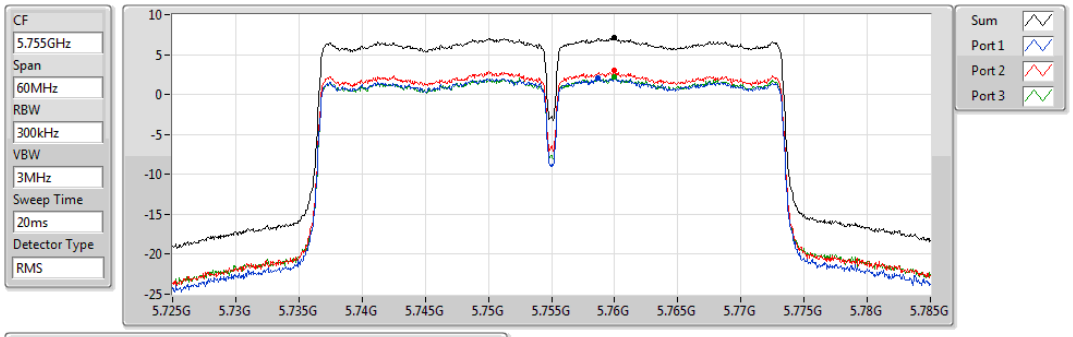


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.53	3.53	-1.11	-1.09	-1.34

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

5755MHz

29/11/2018

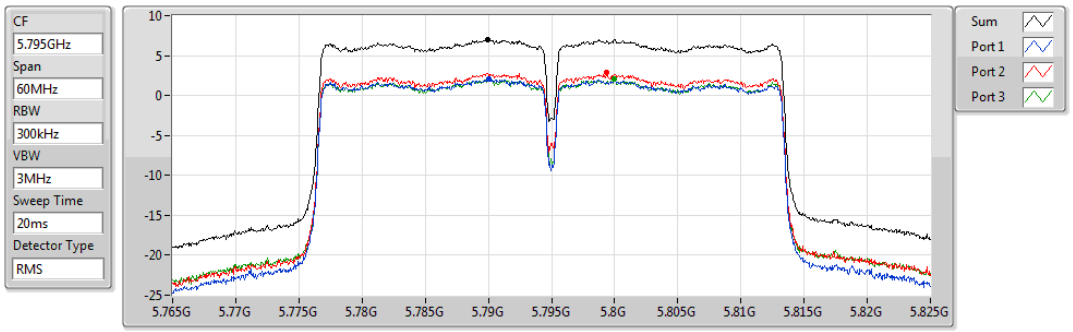


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.17	7.17	2.13	3.05	2.14

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

5795MHz

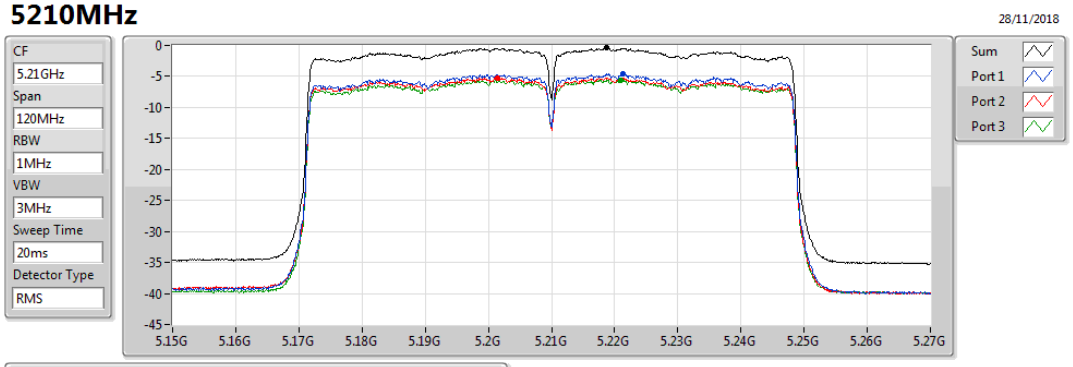
29/11/2018



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.03	7.03	2.10	2.83	2.11

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

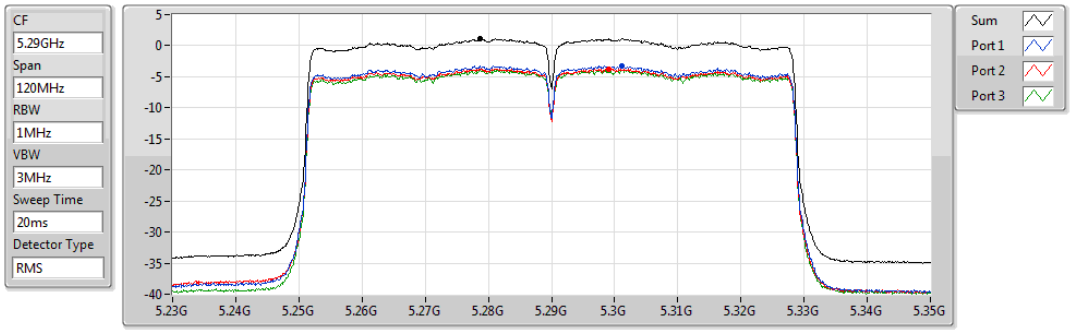
5210MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.43	-0.43	-4.65	-5.19	-5.58

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

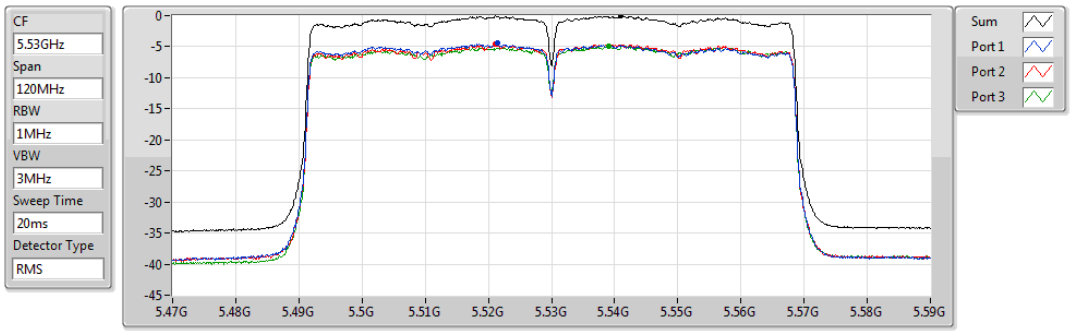
5290MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.09	1.09	-3.18	-3.71	-3.93

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

5530MHz

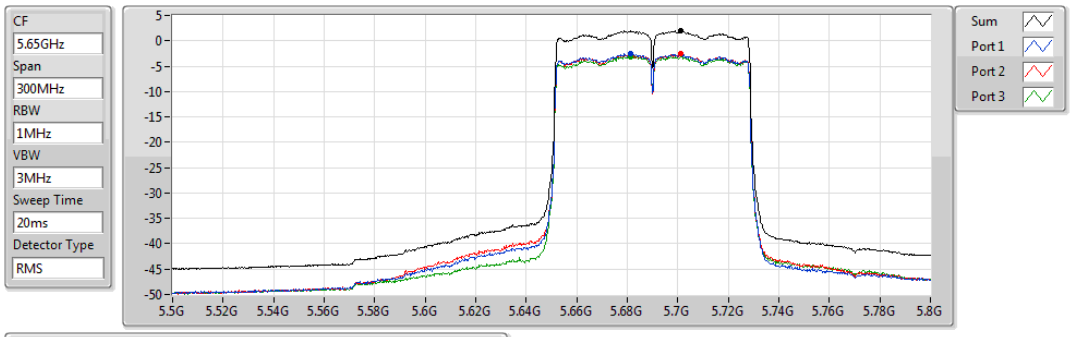


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.02	-0.02	-4.48	-4.56	-4.96

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

5690MHz Straddle 5.47-5.725GHz

29/11/2018

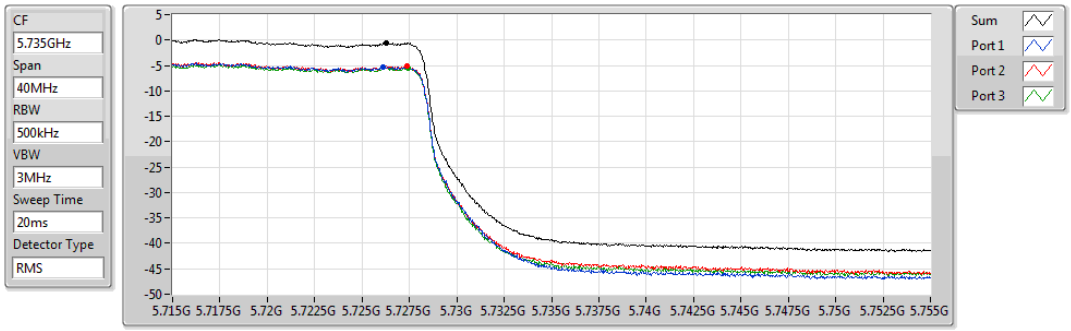


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.94	1.94	-2.50	-2.61	-3.12

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

5690MHz Straddle 5.725-5.85GHz

29/11/2018

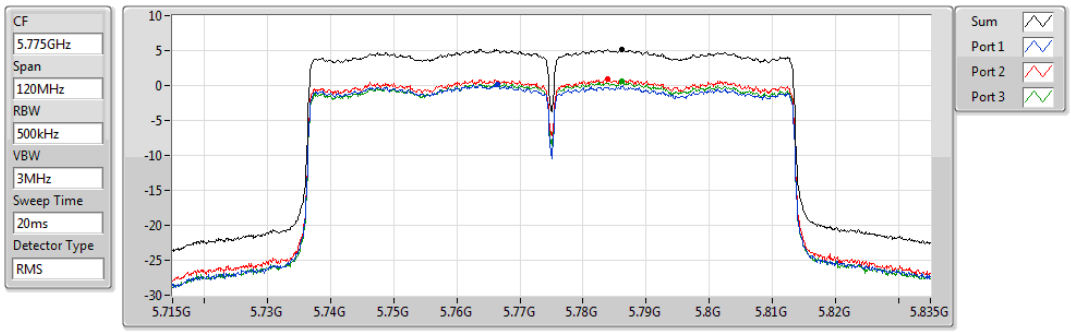


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.65	-0.65	-5.29	-5.07	-5.44

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

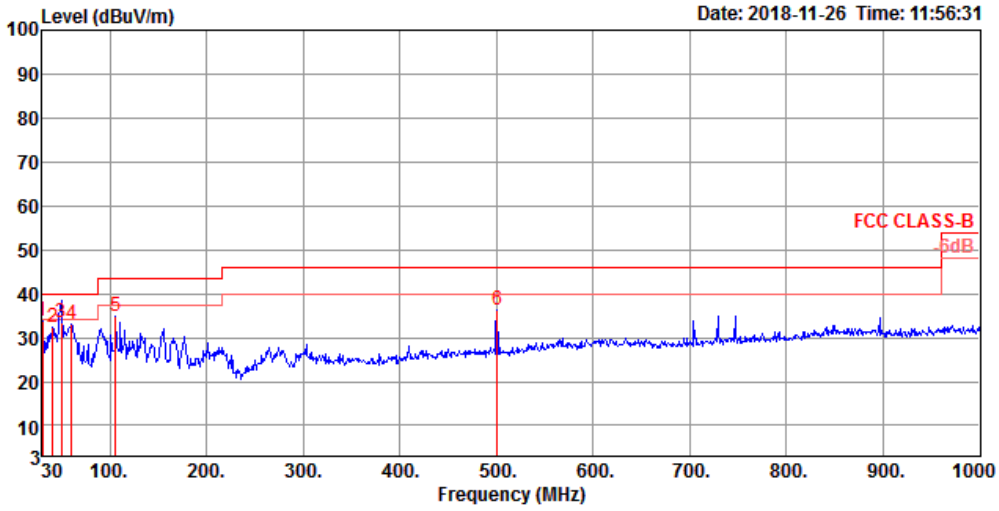
5775MHz

28/11/2018



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.23	5.23	0.16	0.97	0.56

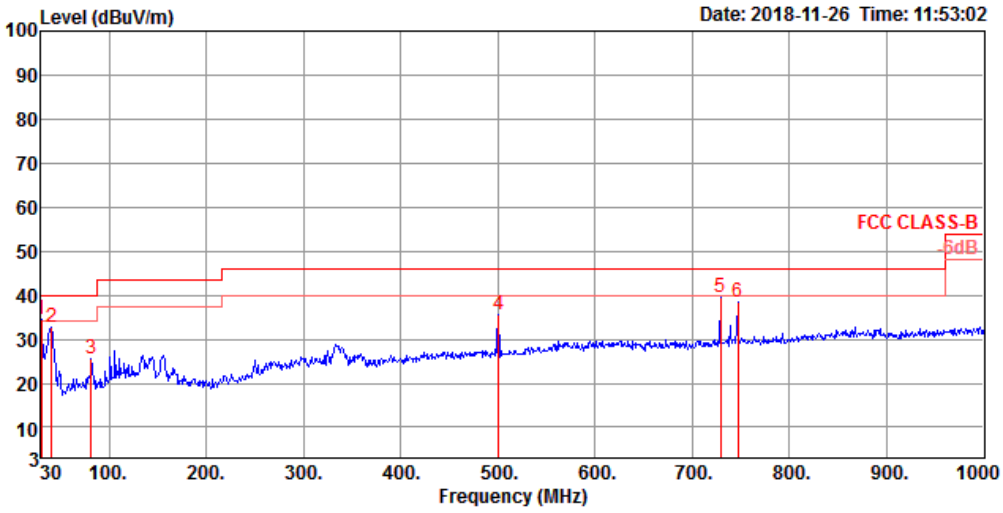
RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	30.00	33.81	40.00	-6.19	36.65	0.80	24.91	28.55	300	13	Peak	VERTICAL
2	40.67	32.46	40.00	-7.54	41.19	0.75	19.06	28.54	300	0	Peak	VERTICAL
3	49.40	33.25	40.00	-6.75	46.31	0.93	14.55	28.54	100	314	QP	VERTICAL
4	60.07	33.07	40.00	-6.93	48.41	1.01	12.17	28.52	150	6	Peak	VERTICAL
5	105.66	34.68	43.50	-8.82	44.64	1.26	17.20	28.42	100	354	Peak	VERTICAL
6	500.45	36.23	46.00	-9.77	39.93	2.39	23.18	29.27	100	13	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	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	30.00	34.39	40.00	-5.61	37.23	0.80	24.91	28.55	300	55	Peak	HORIZONTAL
2	40.67	32.86	40.00	-7.14	41.59	0.75	19.06	28.54	300	208	Peak	HORIZONTAL
3	81.41	25.55	40.00	-14.45	39.70	1.07	13.26	28.48	150	244	Peak	HORIZONTAL
4	500.45	35.59	46.00	-10.41	39.29	2.39	23.18	29.27	100	219	Peak	HORIZONTAL
5	729.37	39.49	46.00	-6.51	40.77	2.94	25.05	29.27	300	360	Peak	HORIZONTAL
6	746.83	38.43	46.00	-7.57	39.32	2.96	25.39	29.24	300	180	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.)

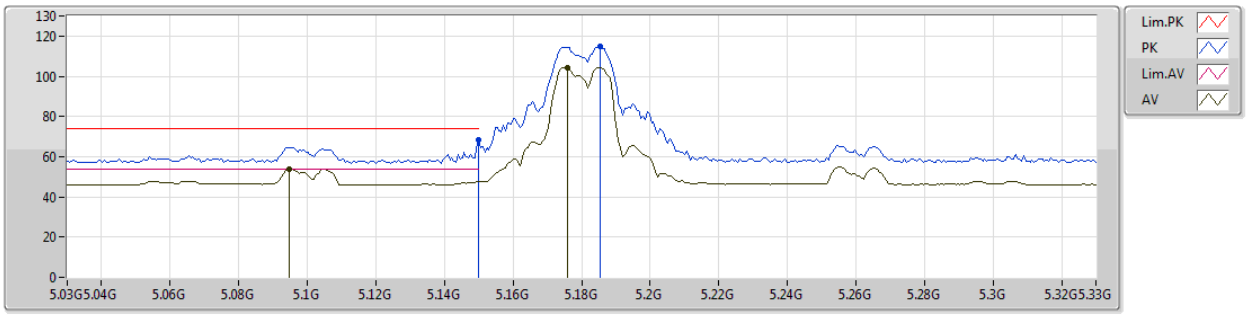
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	Pass	AV	5.457G	53.99	54.00	-0.01	6.63	3	Horizontal	332	2.08	-

802.11a_Nss1,(6Mbps)_3TX

5180MHz_TX

22/11/2018



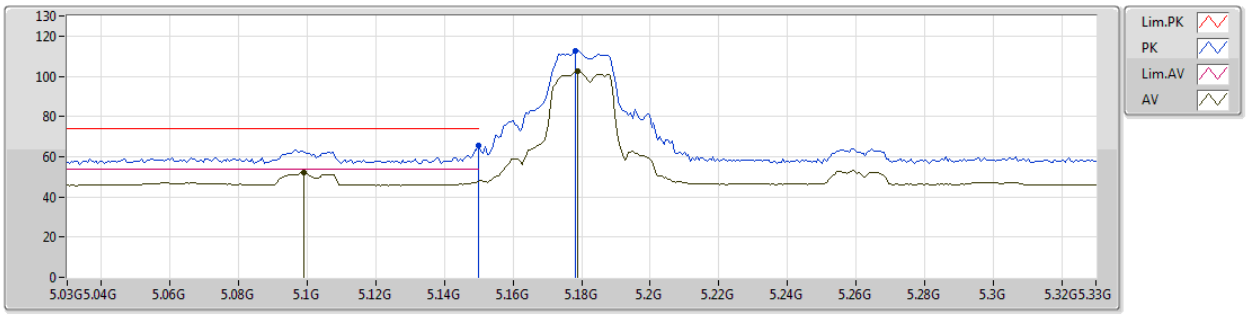
EUT Y_3TX
Setting 74
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.15G	68.58	74.00	-5.42	5.87	3	Vertical	0	1.98	-
AV	5.0948G	53.94	54.00	-0.06	5.72	3	Vertical	0	1.98	-
PK	5.1854G	114.74	Inf	-Inf	5.95	3	Vertical	0	1.98	-
AV	5.1758G	104.34	Inf	-Inf	5.93	3	Vertical	0	1.98	-

802.11a_Nss1,(6Mbps)_3TX

5180MHz_TX

22/11/2018



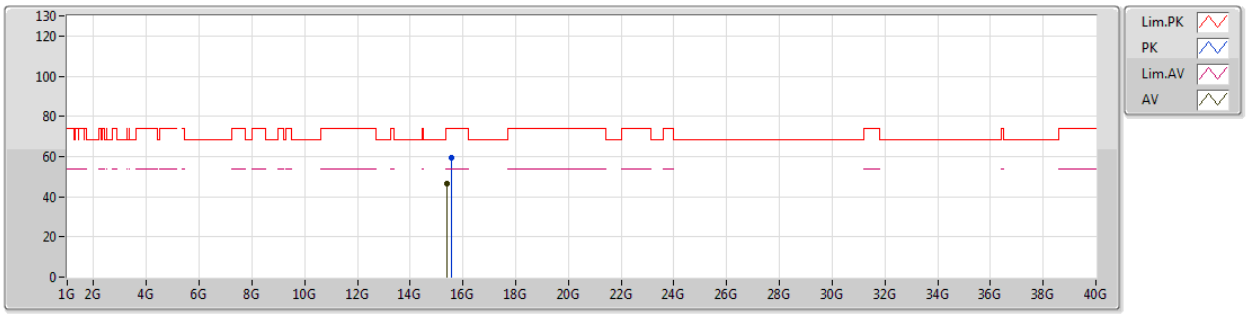
EUT Y_3TX
Setting 74
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.15G	65.82	74.00	-8.18	5.87	3	Horizontal	333	2.10	-
AV	5.099G	52.09	54.00	-1.91	5.74	3	Horizontal	333	2.10	-
PK	5.1782G	112.82	Inf	-Inf	5.93	3	Horizontal	333	2.10	-
AV	5.1788G	102.49	Inf	-Inf	5.93	3	Horizontal	333	2.10	-

802.11a_Nss1,(6Mbps)_3TX

5180MHz_TX

22/11/2018



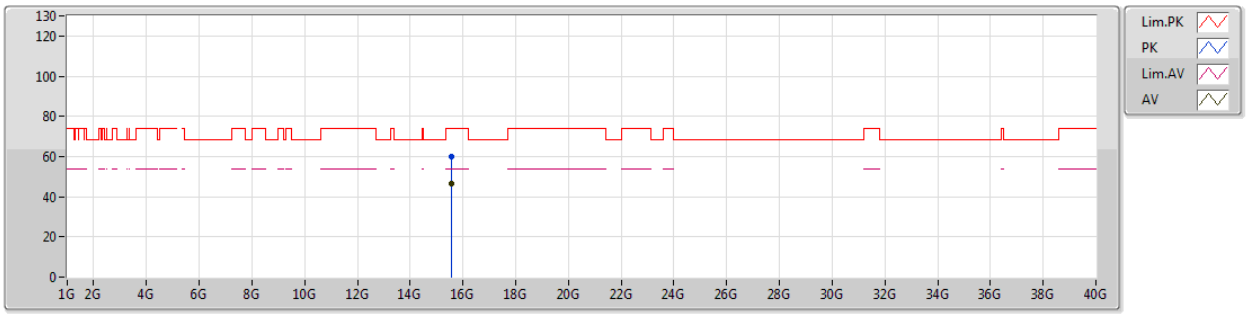
EUT Y_3TX
Setting 74
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.583G	59.54	74.00	-14.46	15.38	3	Vertical	157	2.91	-
AV	15.399G	46.39	54.00	-7.61	16.03	3	Vertical	157	2.91	-

802.11a_Nss1,(6Mbps)_3TX

5180MHz_TX

22/11/2018



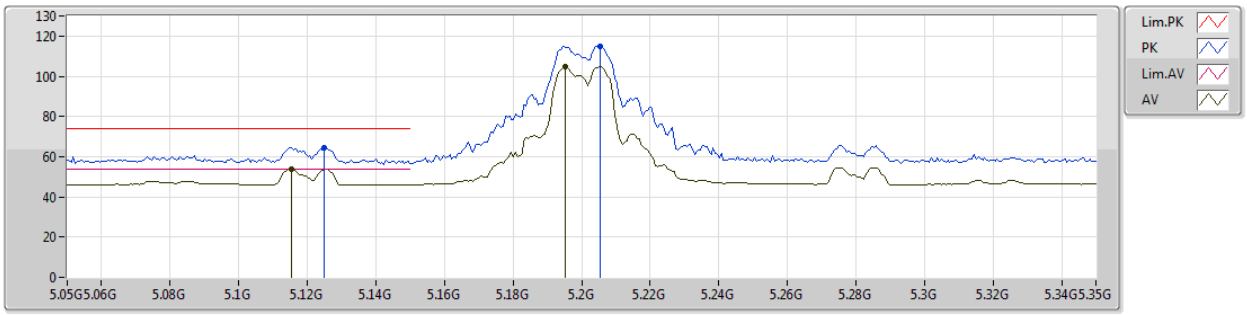
EUT Y_3TX
Setting 74
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.5784G	60.18	74.00	-13.82	15.39	3	Horizontal	67	1.50	-
AV	15.579G	46.44	54.00	-7.56	15.39	3	Horizontal	67	1.50	-

802.11a_Nss1,(6Mbps)_3TX

5200MHz_TX

22/11/2018



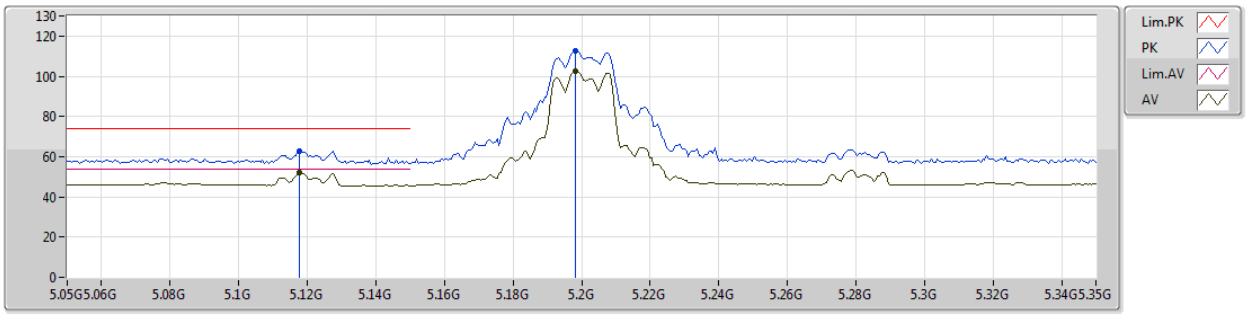
EUT Y_3TX
Setting 80
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.125G	64.60	74.00	-9.40	5.80	3	Vertical	357	1.96	-
AV	5.1154G	53.83	54.00	-0.17	5.78	3	Vertical	357	1.96	-
PK	5.2054G	114.94	Inf	-Inf	6.01	3	Vertical	357	1.96	-
AV	5.1952G	104.60	Inf	-Inf	5.98	3	Vertical	357	1.96	-

802.11a_Nss1,(6Mbps)_3TX

5200MHz_TX

22/11/2018



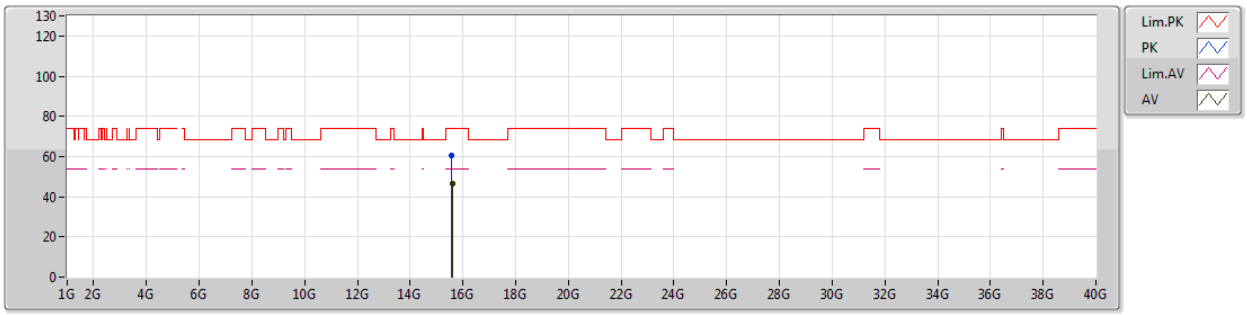
EUT Y_3TX
Setting 80
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1178G	62.88	74.00	-11.12	5.78	3	Horizontal	211	1.82	-
AV	5.1178G	51.84	54.00	-2.16	5.78	3	Horizontal	211	1.82	-
PK	5.1982G	112.90	Inf	-Inf	5.99	3	Horizontal	211	1.82	-
AV	5.1982G	102.30	Inf	-Inf	5.99	3	Horizontal	211	1.82	-

802.11a_Nss1,(6Mbps)_3TX

5200MHz_TX

22/11/2018



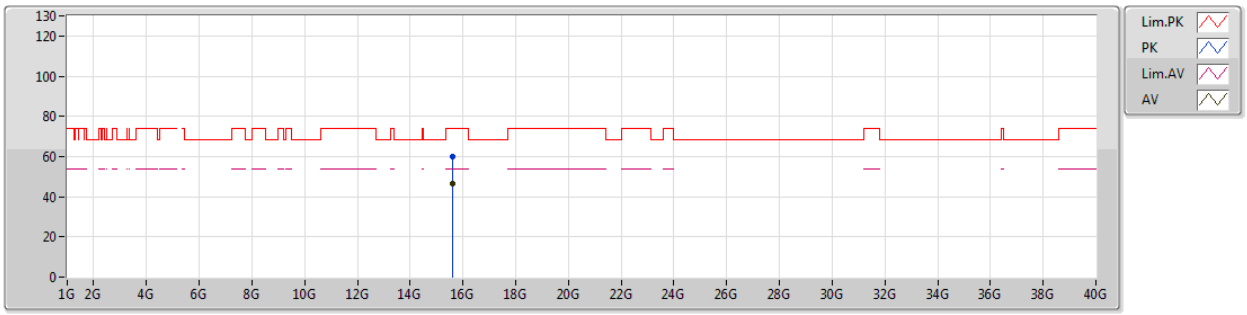
EUT Y_3TX
Setting 80
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.5748G	60.74	74.00	-13.26	15.41	3	Vertical	297	1.44	-
AV	15.5976G	46.46	54.00	-7.54	15.32	3	Vertical	297	1.44	-

802.11a_Nss1,(6Mbps)_3TX

5200MHz_TX

22/11/2018



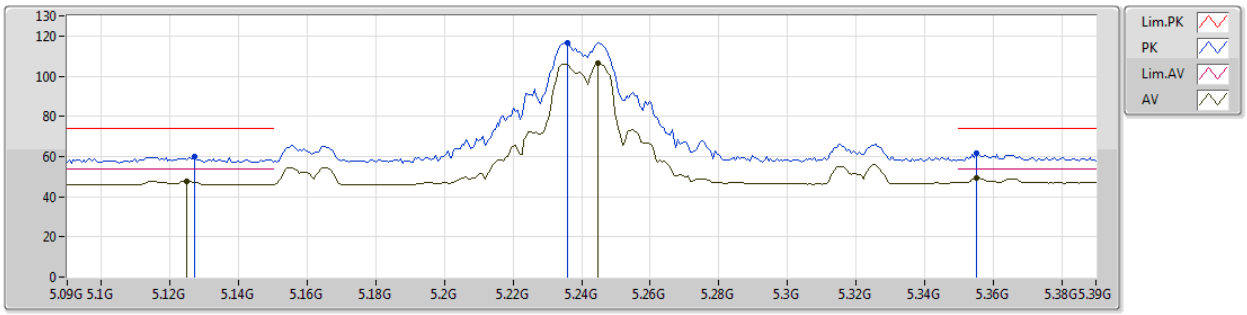
EUT Y_3TX
Setting 80
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.5928G	60.09	74.00	-13.91	15.34	3	Horizontal	230	1.73	-
AV	15.597G	46.68	54.00	-7.32	15.32	3	Horizontal	230	1.73	-

802.11a_Nss1,(6Mbps)_3TX

5240MHz_TX

23/11/2018



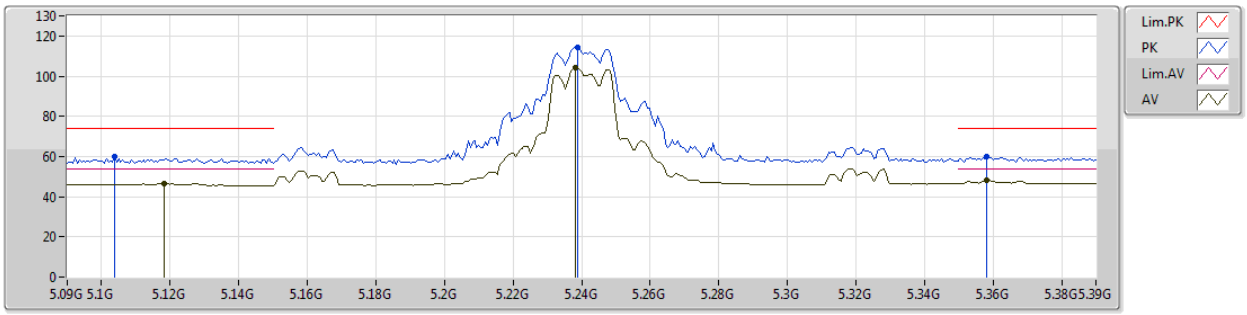
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1272G	59.73	74.00	-14.27	5.81	3	Vertical	0	1.95	-
AV	5.1248G	47.68	54.00	-6.32	5.80	3	Vertical	0	1.95	-
PK	5.2358G	116.68	Inf	-Inf	6.09	3	Vertical	0	1.95	-
AV	5.2448G	106.19	Inf	-Inf	6.12	3	Vertical	0	1.95	-
PK	5.3552G	61.52	74.00	-12.48	6.42	3	Vertical	0	1.95	-
AV	5.3552G	49.08	54.00	-4.92	6.42	3	Vertical	0	1.95	-

802.11a_Nss1,(6Mbps)_3TX

5240MHz_TX

23/11/2018



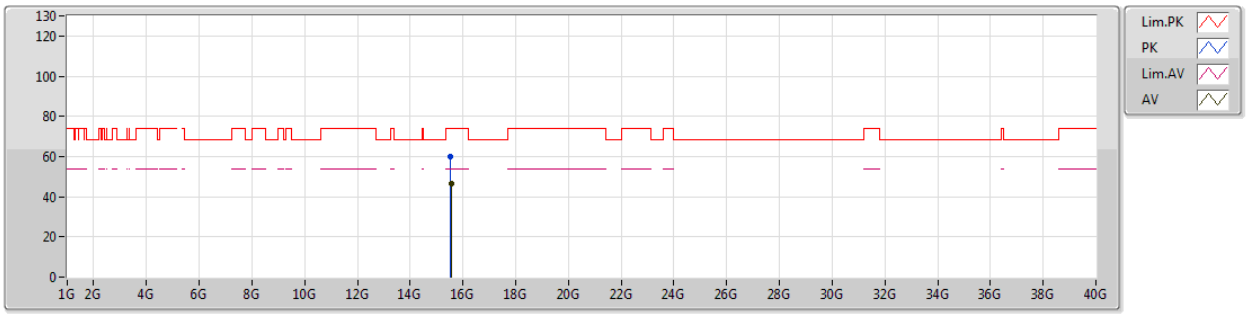
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1038G	59.95	74.00	-14.05	5.75	3	Horizontal	211	1.88	-
AV	5.1182G	46.78	54.00	-7.22	5.78	3	Horizontal	211	1.88	-
PK	5.2388G	114.52	Inf	-Inf	6.10	3	Horizontal	211	1.88	-
AV	5.2382G	103.95	Inf	-Inf	6.10	3	Horizontal	211	1.88	-
PK	5.3582G	59.76	74.00	-14.24	6.42	3	Horizontal	211	1.88	-
AV	5.3582G	47.93	54.00	-6.07	6.42	3	Horizontal	211	1.88	-

802.11a_Nss1,(6Mbps)_3TX

5240MHz_TX

23/11/2018



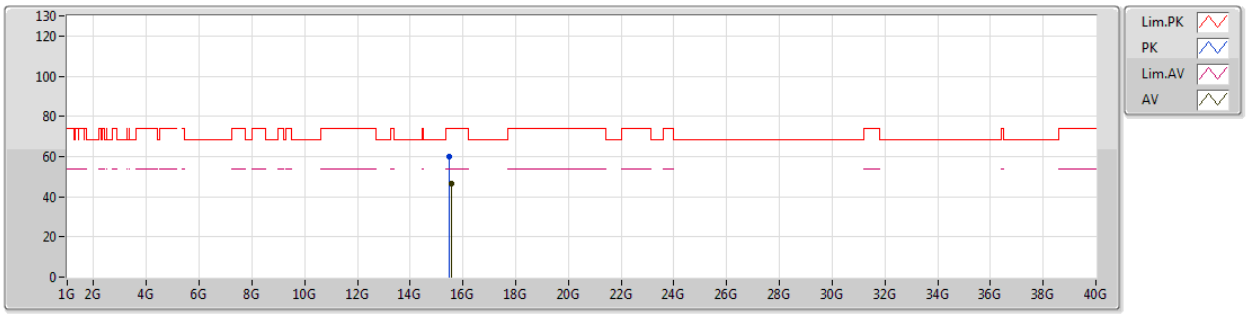
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.529G	59.93	74.00	-14.07	15.57	3	Vertical	45	1.50	-
AV	15.58G	46.46	54.00	-7.54	15.39	3	Vertical	45	1.50	-

802.11a_Nss1,(6Mbps)_3TX

5240MHz_TX

23/11/2018



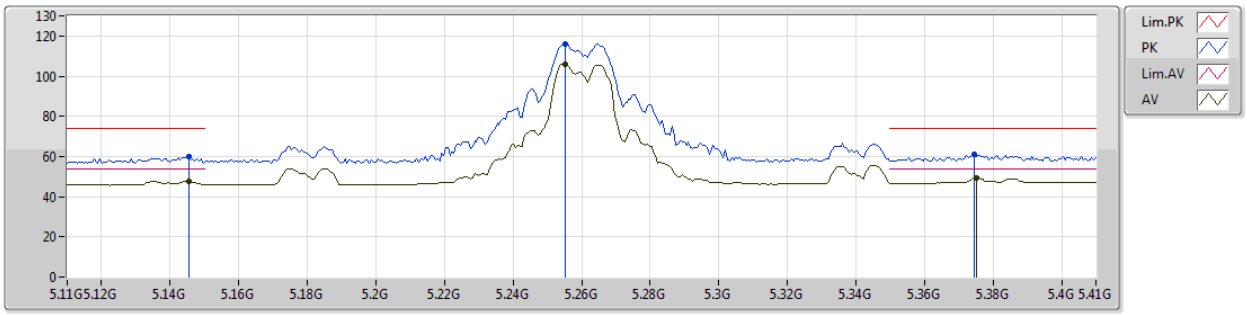
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.493G	59.92	74.00	-14.08	15.70	3	Horizontal	343	1.50	-
AV	15.58G	46.40	54.00	-7.60	15.39	3	Horizontal	343	1.50	-

802.11a_Nss1,(6Mbps)_3TX

5260MHz_TX

23/11/2018



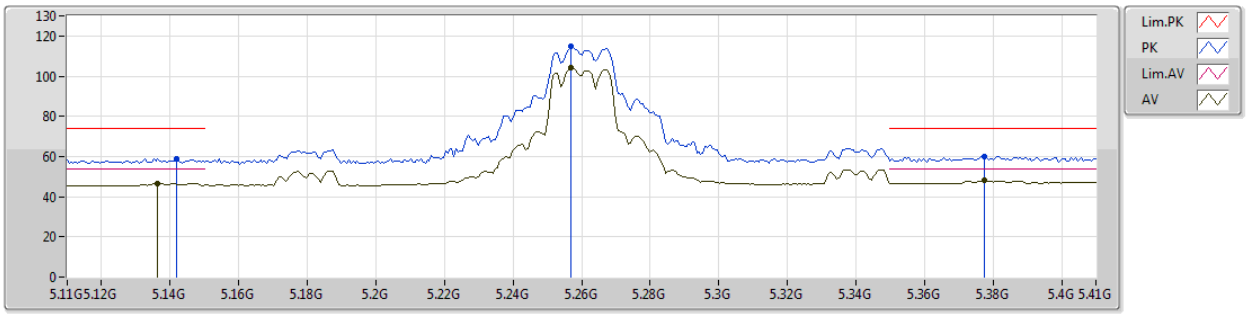
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1454G	59.76	74.00	-14.24	5.86	3	Vertical	3	1.93	-
AV	5.1454G	47.68	54.00	-6.32	5.86	3	Vertical	3	1.93	-
PK	5.2552G	116.10	Inf	-Inf	6.15	3	Vertical	3	1.93	-
AV	5.2552G	105.94	Inf	-Inf	6.15	3	Vertical	3	1.93	-
PK	5.3746G	61.16	74.00	-12.84	6.47	3	Vertical	3	1.93	-
AV	5.3752G	49.21	54.00	-4.79	6.48	3	Vertical	3	1.93	-

802.11a_Nss1,(6Mbps)_3TX

5260MHz_TX

23/11/2018



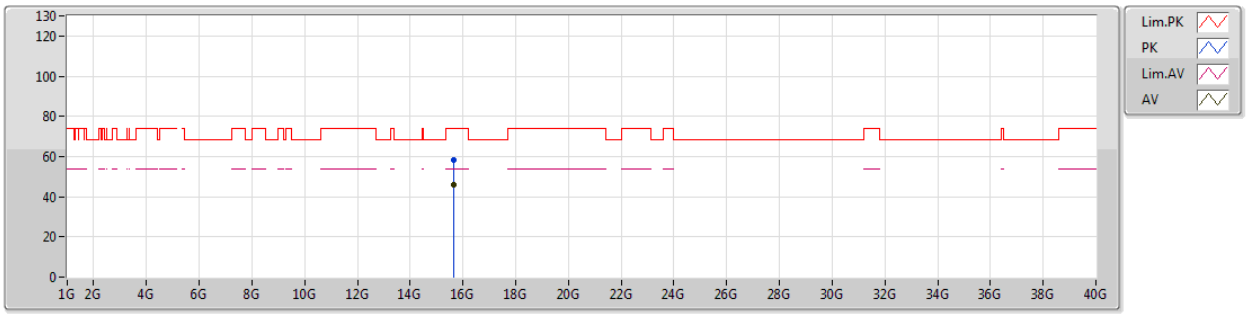
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1418G	58.98	74.00	-15.02	5.85	3	Horizontal	145	1.97	-
AV	5.1364G	46.65	54.00	-7.35	5.84	3	Horizontal	145	1.97	-
PK	5.257G	114.80	Inf	-Inf	6.15	3	Horizontal	145	1.97	-
AV	5.257G	104.11	Inf	-Inf	6.15	3	Horizontal	145	1.97	-
PK	5.3776G	60.19	74.00	-13.81	6.48	3	Horizontal	145	1.97	-
AV	5.3776G	47.96	54.00	-6.04	6.48	3	Horizontal	145	1.97	-

802.11a_Nss1,(6Mbps)_3TX

5260MHz_TX

23/11/2018



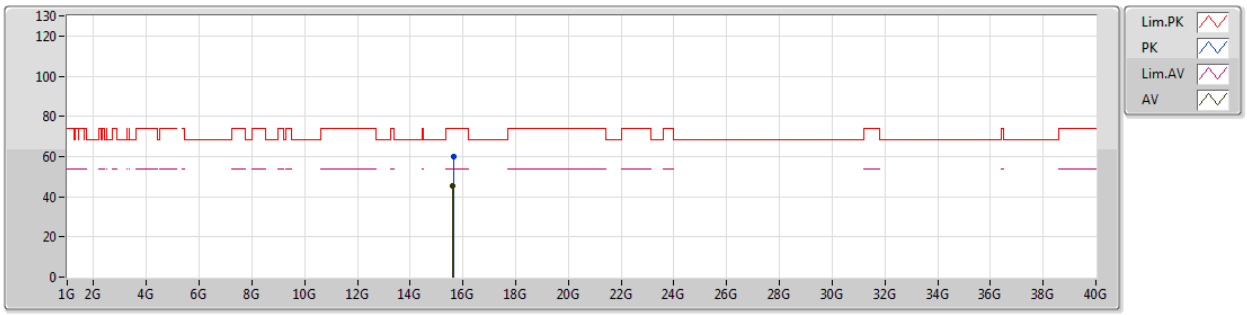
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.663G	58.54	74.00	-15.46	15.09	3	Vertical	67	1.50	-
AV	15.633G	45.68	54.00	-8.32	15.20	3	Vertical	67	1.50	-

802.11a_Nss1,(6Mbps)_3TX

5260MHz_TX

23/11/2018



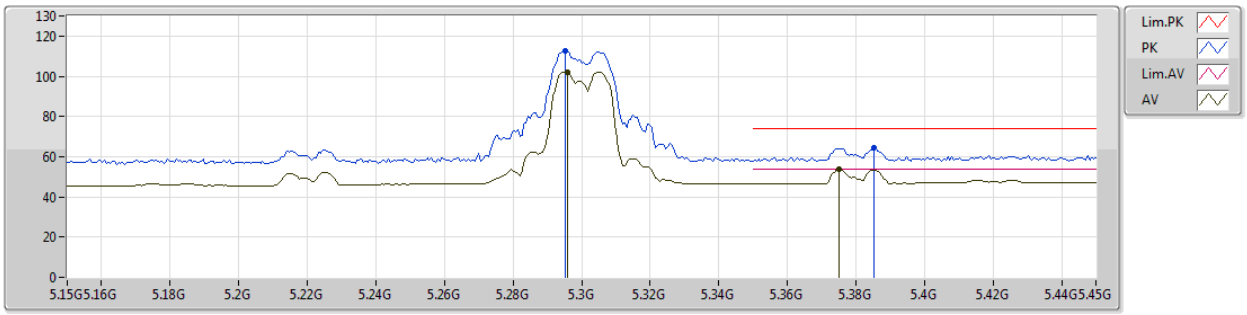
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.6414G	59.86	74.00	-14.14	15.16	3	Horizontal	299	1.50	-
AV	15.63G	45.61	54.00	-8.39	15.21	3	Horizontal	299	1.50	-

802.11a_Nss1,(6Mbps)_3TX

5300MHz_TX

22/11/2018



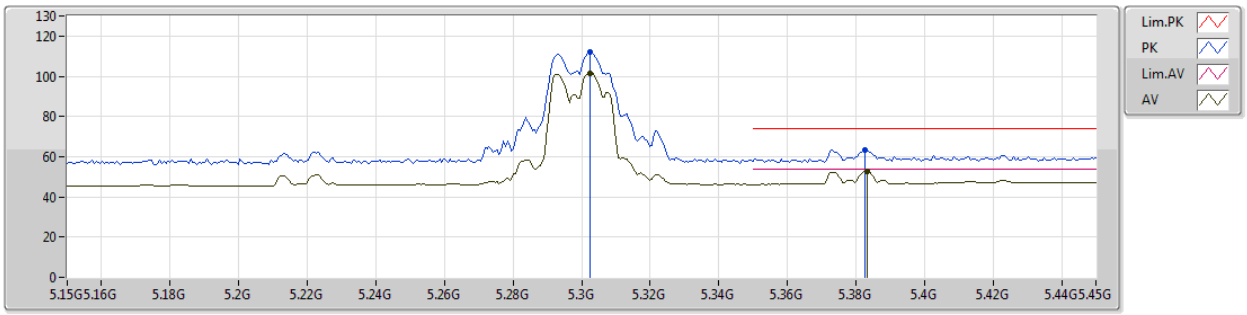
EUT Y_3TX
Setting 70
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.2952G	112.88	Inf	-Inf	6.26	3	Vertical	2	1.93	-
AV	5.2958G	102.11	Inf	-Inf	6.27	3	Vertical	2	1.93	-
PK	5.3852G	64.69	74.00	-9.31	6.50	3	Vertical	2	1.93	-
AV	5.375G	53.83	54.00	-0.17	6.48	3	Vertical	2	1.93	-

802.11a_Nss1,(6Mbps)_3TX

5300MHz_TX

22/11/2018



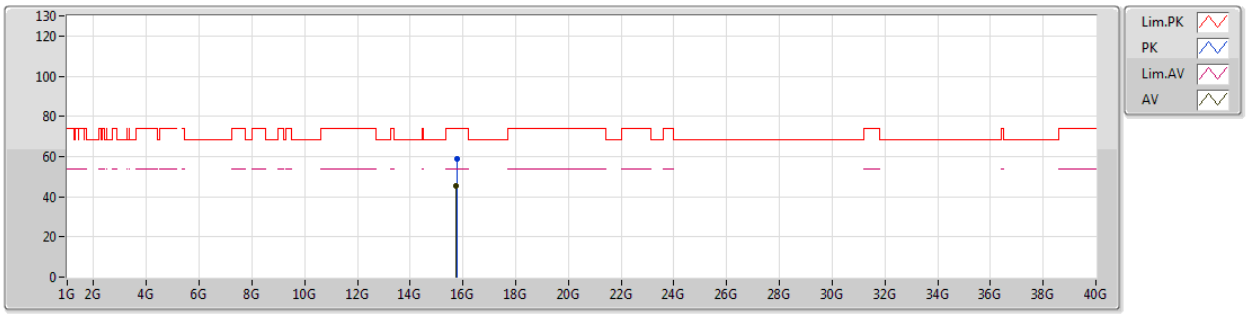
EUT Y_3TX
Setting 70
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3024G	112.11	Inf	-Inf	6.28	3	Horizontal	106	2.04	-
AV	5.3024G	101.59	Inf	-Inf	6.28	3	Horizontal	106	2.04	-
PK	5.3828G	63.55	74.00	-10.45	6.49	3	Horizontal	106	2.04	-
AV	5.3834G	52.78	54.00	-1.22	6.50	3	Horizontal	106	2.04	-

802.11a_Nss1,(6Mbps)_3TX

5300MHz_TX

22/11/2018



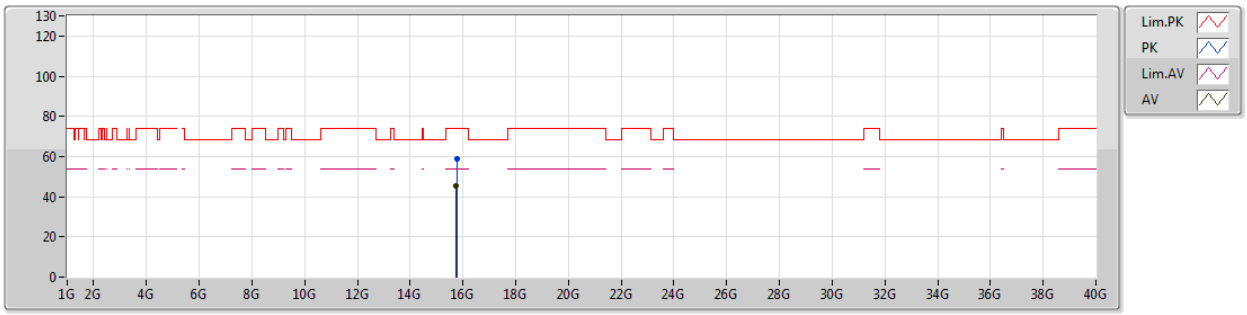
EUT Y_3TX
Setting 70
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.78G	59.08	74.00	-14.92	14.67	3	Vertical	225	1.50	-
AV	15.7536G	45.36	54.00	-8.64	14.77	3	Vertical	225	1.50	-

802.11a_Nss1,(6Mbps)_3TX

5300MHz_TX

22/11/2018



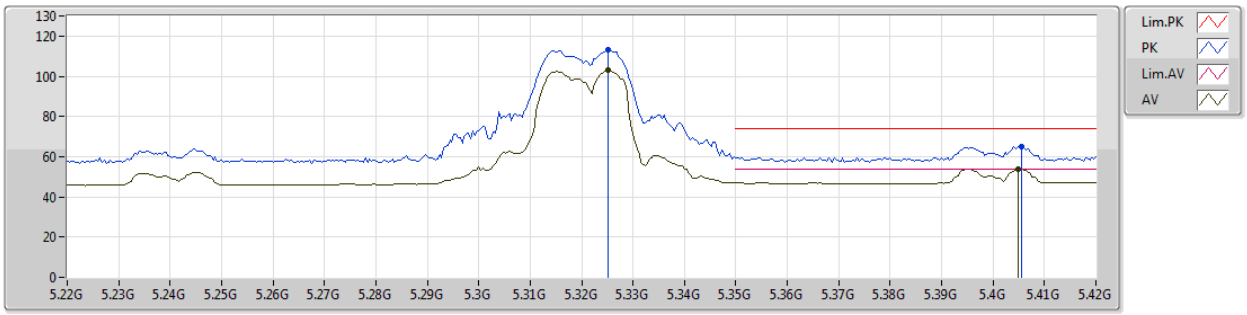
EUT Y_3TX
Setting 70
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.759G	58.95	74.00	-15.05	14.74	3	Horizontal	28	1.50	-
AV	15.7536G	45.40	54.00	-8.60	14.77	3	Horizontal	28	1.50	-

802.11a_Nss1,(6Mbps)_3TX

5320MHz_TX

22/11/2018



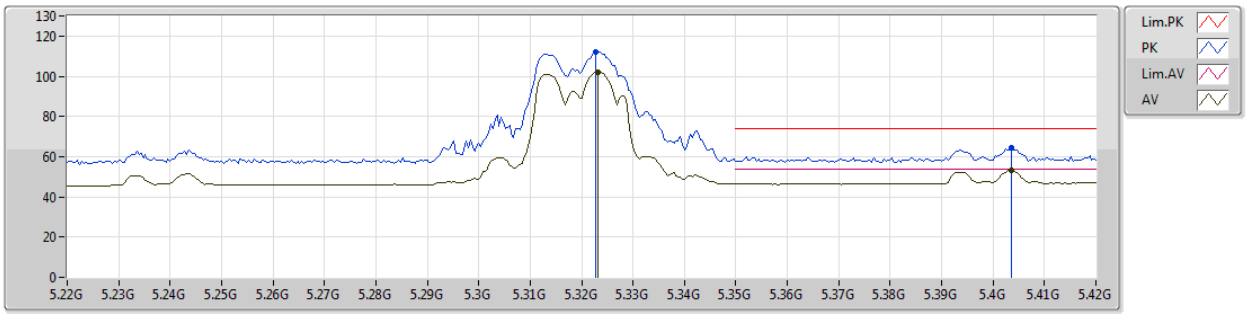
EUT Y_3TX
Setting 70
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3252G	112.96	Inf	-Inf	6.35	3	Vertical	7	2.01	-
AV	5.3252G	102.91	Inf	-Inf	6.35	3	Vertical	7	2.01	-
PK	5.4056G	65.19	74.00	-8.81	6.55	3	Vertical	7	2.01	-
AV	5.4048G	53.87	54.00	-0.13	6.55	3	Vertical	7	2.01	-

802.11a_Nss1,(6Mbps)_3TX

5320MHz_TX

22/11/2018



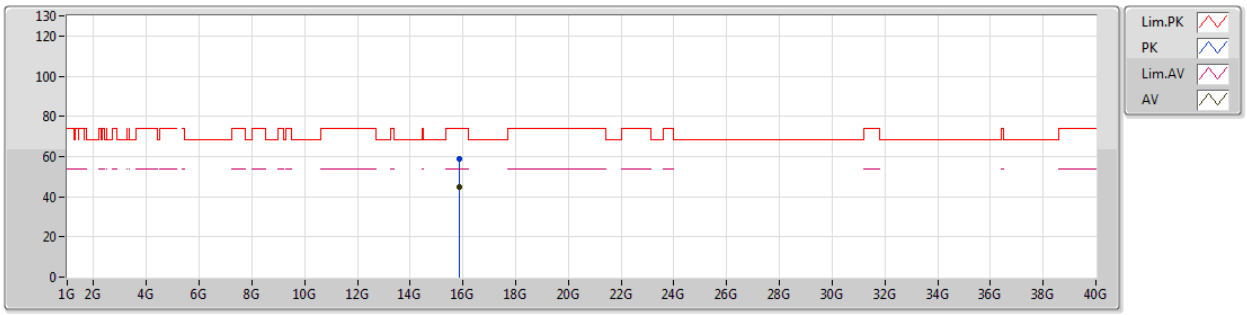
EUT Y_3TX
Setting 70
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3228G	112.05	Inf	-Inf	6.34	3	Horizontal	111	1.91	-
AV	5.3232G	102.09	Inf	-Inf	6.34	3	Horizontal	111	1.91	-
PK	5.4036G	64.17	74.00	-9.83	6.55	3	Horizontal	111	1.91	-
AV	5.4036G	53.09	54.00	-0.91	6.55	3	Horizontal	111	1.91	-

802.11a_Nss1,(6Mbps)_3TX

5320MHz_TX

22/11/2018



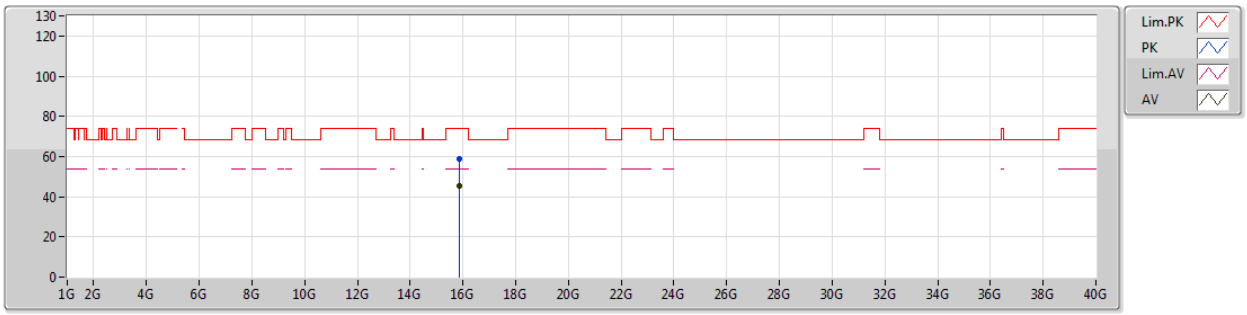
EUT Y_3TX
Setting 70
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.88G	58.86	74.00	-15.14	14.31	3	Vertical	344	1.50	-
AV	15.876G	45.05	54.00	-8.95	14.32	3	Vertical	344	1.50	-

802.11a_Nss1,(6Mbps)_3TX

5320MHz_TX

22/11/2018



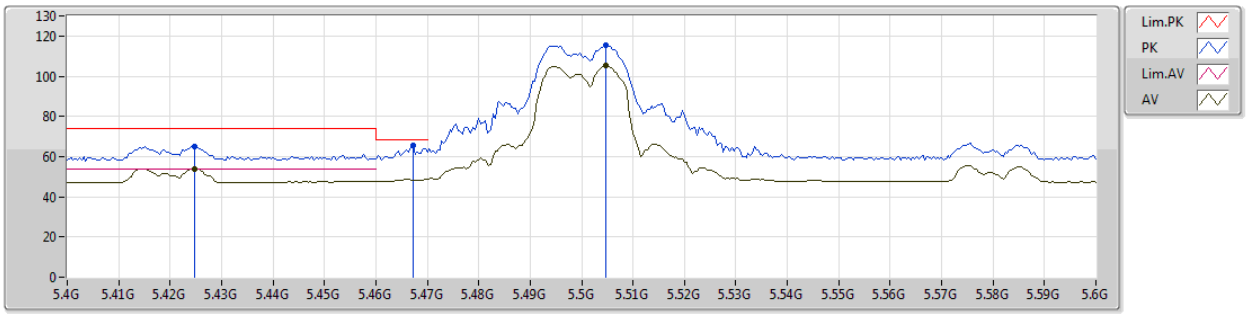
EUT Y_3TX
Setting 70
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.8744G	58.73	74.00	-15.27	14.33	3	Horizontal	18	1.84	-
AV	15.8844G	45.14	54.00	-8.86	14.29	3	Horizontal	18	1.84	-

802.11a_Nss1,(6Mbps)_3TX

5500MHz_TX

22/11/2018



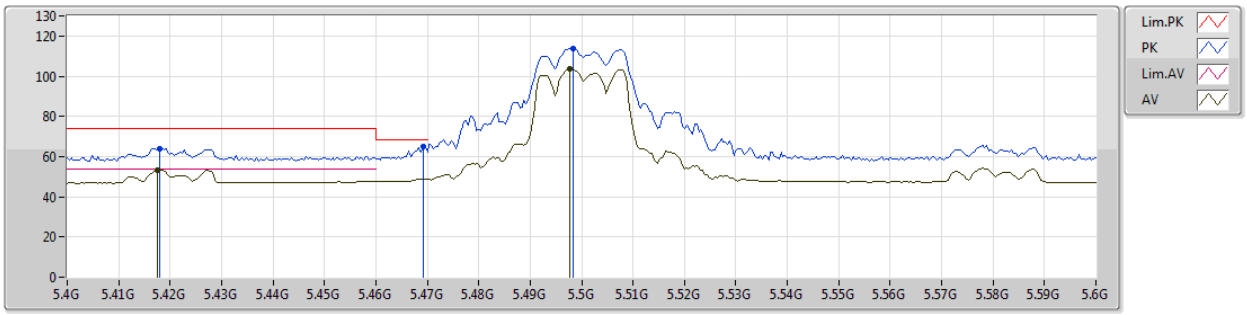
EUT Y_3TX
Setting 75
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4248G	65.08	74.00	-8.92	6.58	3	Vertical	0	1.84	-
AV	5.4248G	53.93	54.00	-0.07	6.58	3	Vertical	0	1.84	-
PK	5.4672G	65.42	68.20	-2.78	6.65	3	Vertical	0	1.84	-
PK	5.5048G	115.19	Inf	-Inf	6.71	3	Vertical	0	1.84	-
AV	5.5048G	105.16	Inf	-Inf	6.71	3	Vertical	0	1.84	-

802.11a_Nss1,(6Mbps)_3TX

5500MHz_TX

22/11/2018



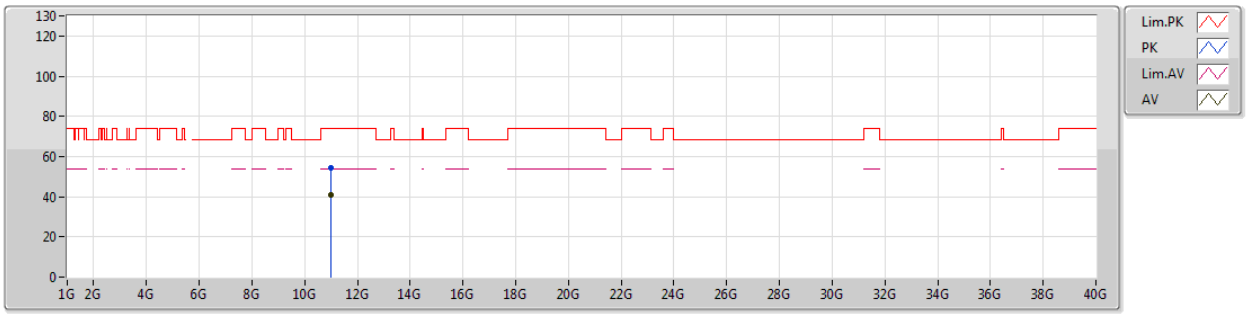
EUT Y_3TX
Setting 75
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.418G	63.96	74.00	-10.04	6.57	3	Horizontal	214	1.95	-
AV	5.4176G	53.12	54.00	-0.88	6.57	3	Horizontal	214	1.95	-
PK	5.4692G	65.28	68.20	-2.92	6.65	3	Horizontal	214	1.95	-
PK	5.4984G	113.93	Inf	-Inf	6.71	3	Horizontal	214	1.95	-
AV	5.4976G	103.54	Inf	-Inf	6.71	3	Horizontal	214	1.95	-

802.11a_Nss1,(6Mbps)_3TX

5500MHz_TX

22/11/2018



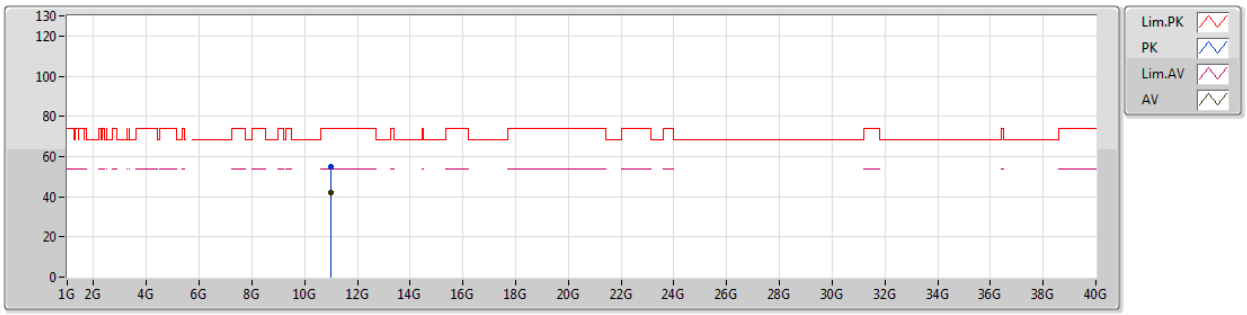
EUT Y_3TX
Setting 75
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.0002G	54.63	74.00	-19.37	13.79	3	Vertical	266	1.79	-
AV	11.0008G	40.91	54.00	-13.09	13.79	3	Vertical	266	1.79	-

802.11a_Nss1,(6Mbps)_3TX

5500MHz_TX

22/11/2018



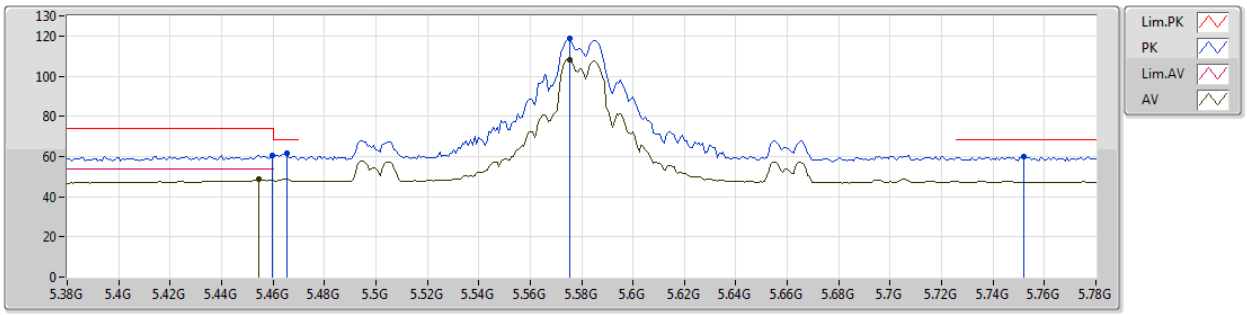
EUT Y_3TX
Setting 75
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.003G	54.86	74.00	-19.14	13.79	3	Horizontal	215	2.27	-
AV	11.002G	41.88	54.00	-12.12	13.79	3	Horizontal	215	2.27	-

802.11a_Nss1,(6Mbps)_3TX

5580MHz_TX

23/11/2018



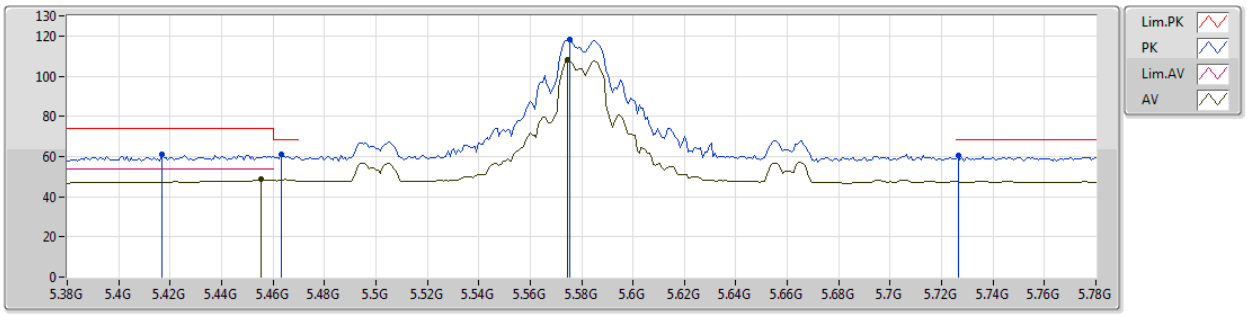
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4598G	60.45	74.00	-13.55	6.64	3	Vertical	18	1.90	-
AV	5.4544G	48.56	54.00	-5.44	6.63	3	Vertical	18	1.90	-
PK	5.4656G	61.56	68.20	-6.64	6.65	3	Vertical	18	1.90	-
PK	5.5752G	118.75	Inf	-Inf	6.71	3	Vertical	18	1.90	-
AV	5.5752G	108.34	Inf	-Inf	6.71	3	Vertical	18	1.90	-
PK	5.752G	60.11	68.20	-8.09	6.89	3	Vertical	18	1.90	-

802.11a_Nss1,(6Mbps)_3TX

5580MHz_TX

23/11/2018



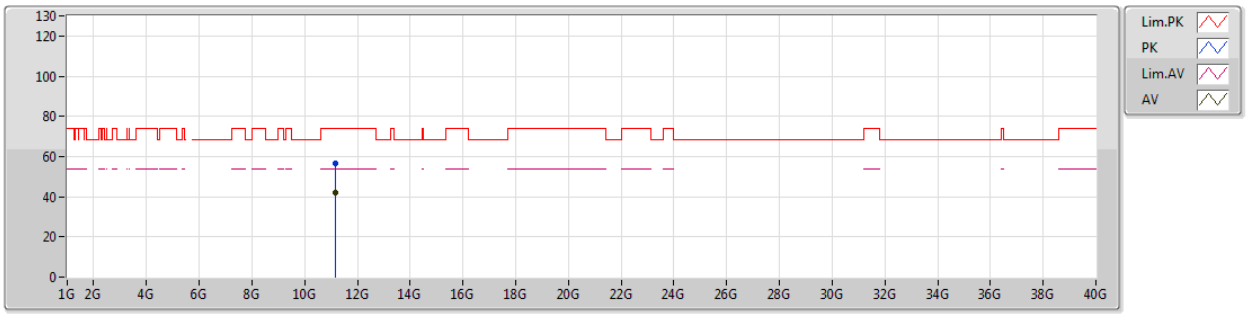
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4168G	60.90	74.00	-13.10	6.57	3	Horizontal	328	2.01	-
AV	5.4552G	48.50	54.00	-5.50	6.63	3	Horizontal	328	2.01	-
PK	5.4632G	60.89	68.20	-7.31	6.64	3	Horizontal	328	2.01	-
PK	5.5752G	118.26	Inf	-Inf	6.71	3	Horizontal	328	2.01	-
AV	5.5744G	107.93	Inf	-Inf	6.70	3	Horizontal	328	2.01	-
PK	5.7264G	60.27	68.20	-7.93	6.87	3	Horizontal	328	2.01	-

802.11a_Nss1,(6Mbps)_3TX

5580MHz_TX

23/11/2018



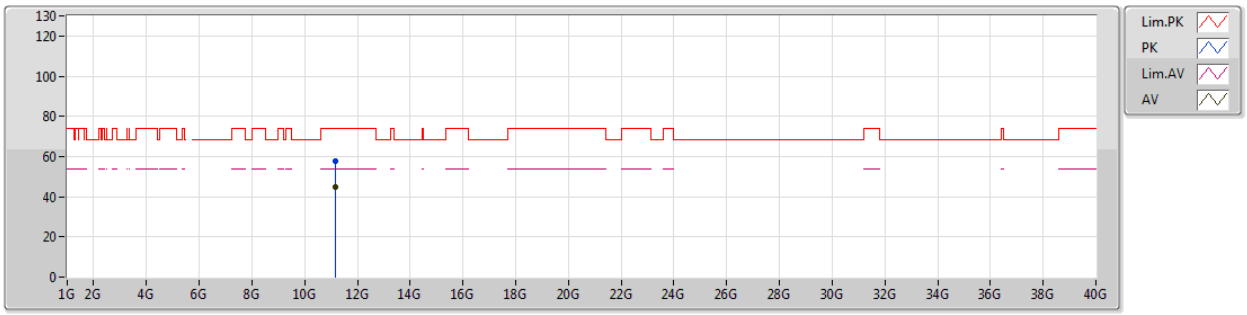
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.158G	56.33	74.00	-17.67	13.96	3	Vertical	266	2.24	-
AV	11.1584G	41.97	54.00	-12.03	13.96	3	Vertical	266	2.24	-

802.11a_Nss1,(6Mbps)_3TX

5580MHz_TX

23/11/2018



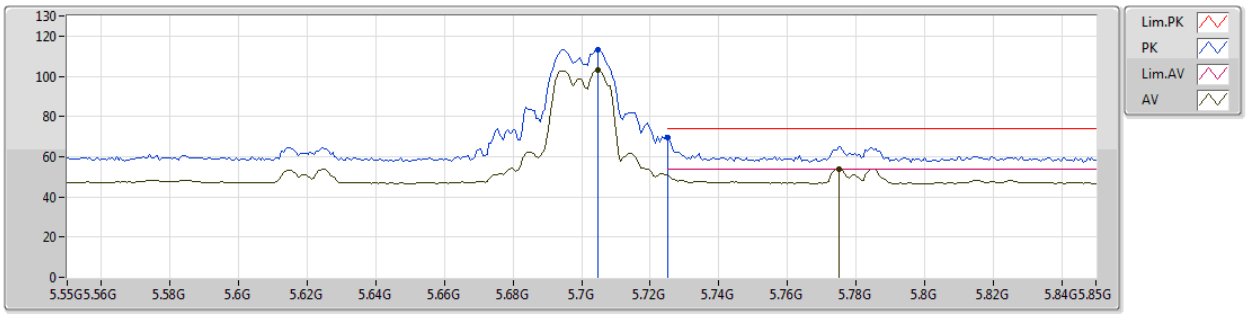
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.1576G	57.94	74.00	-16.06	13.96	3	Horizontal	221	2.23	-
AV	11.1616G	44.55	54.00	-9.45	13.96	3	Horizontal	221	2.23	-

802.11a_Nss1,(6Mbps)_3TX

5700MHz_TX

22/11/2018



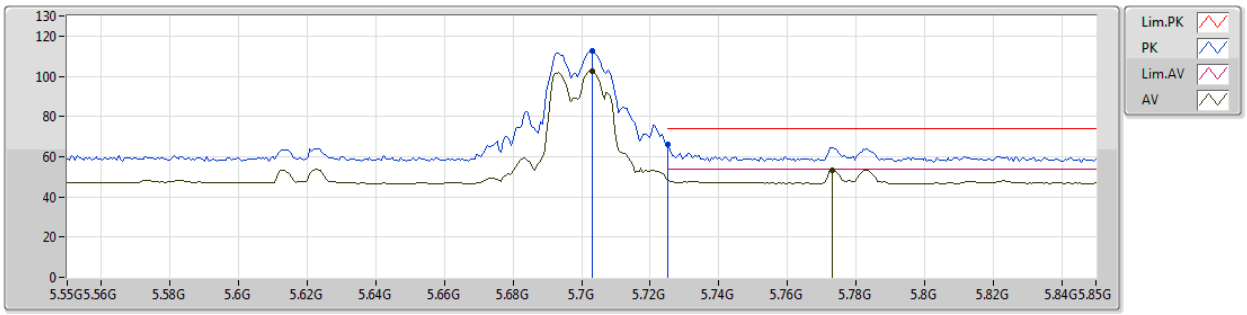
EUT Y_3TX
Setting 71
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.7048G	113.18	Inf	-Inf	6.84	3	Vertical	4	1.96	-
AV	5.7048G	102.92	Inf	-Inf	6.84	3	Vertical	4	1.96	-
PK	5.7252G	69.56	74.00	-4.44	6.87	3	Vertical	4	1.96	-
AV	5.775G	53.89	54.00	-0.11	6.91	3	Vertical	4	1.96	-

802.11a_Nss1,(6Mbps)_3TX

5700MHz_TX

22/11/2018



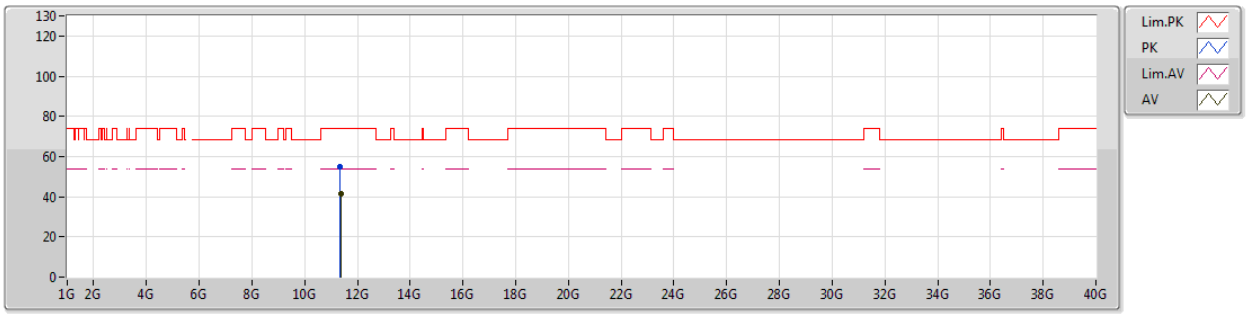
EUT Y_3TX
Setting 71
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.703G	112.75	Inf	-Inf	6.83	3	Horizontal	255	2.00	-
AV	5.703G	102.38	Inf	-Inf	6.83	3	Horizontal	255	2.00	-
PK	5.7252G	66.15	74.00	-7.85	6.87	3	Horizontal	255	2.00	-
AV	5.7732G	53.11	54.00	-0.89	6.91	3	Horizontal	255	2.00	-

802.11a_Nss1,(6Mbps)_3TX

5700MHz_TX

22/11/2018



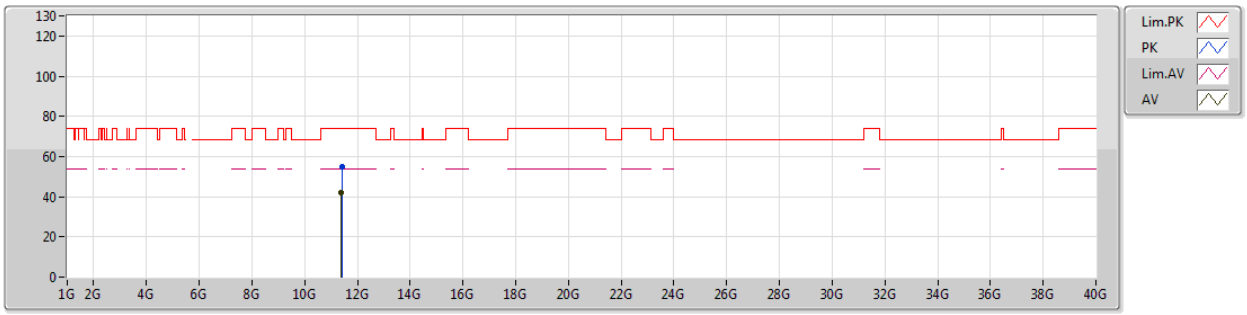
EUT Y_3TX
Setting 71
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.318G	54.93	74.00	-19.07	14.12	3	Vertical	241	2.14	-
AV	11.4012G	41.36	54.00	-12.64	14.21	3	Vertical	241	2.14	-

802.11a_Nss1,(6Mbps)_3TX

5700MHz_TX

22/11/2018



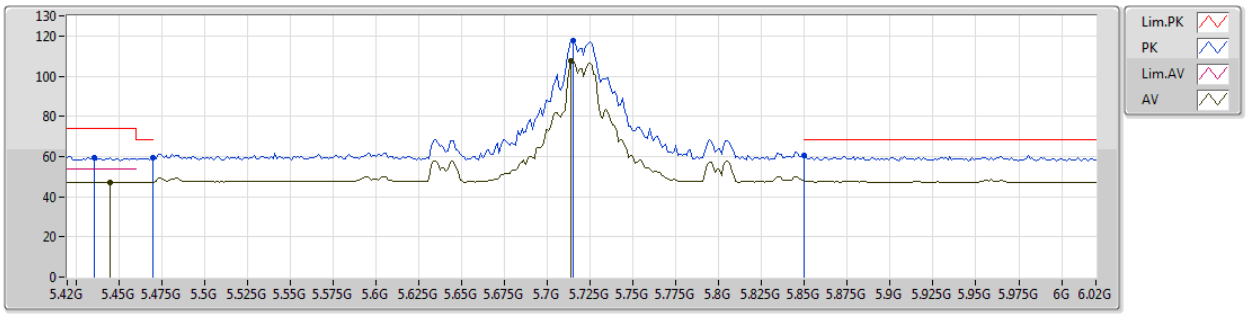
EUT Y_3TX
Setting 71
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.4428G	54.64	74.00	-19.36	14.25	3	Horizontal	206	2.26	-
AV	11.3976G	42.02	54.00	-11.98	14.21	3	Horizontal	206	2.26	-

802.11a_Nss1,(6Mbps)_3TX

5720MHz Straddle 5.47-5.725GHz_TX

23/11/2018



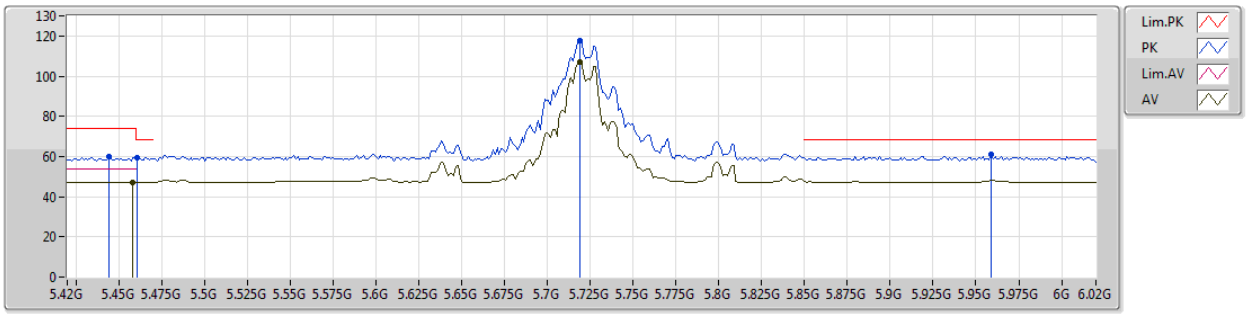
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4356G	59.64	74.00	-14.36	6.60	3	Vertical	2	1.83	-
AV	5.4452G	47.31	54.00	-6.69	6.62	3	Vertical	2	1.83	-
PK	5.4699G	59.18	68.20	-9.02	6.66	3	Vertical	2	1.83	-
PK	5.7152G	117.80	Inf	-Inf	6.85	3	Vertical	2	1.83	-
AV	5.714G	107.67	Inf	-Inf	6.85	3	Vertical	2	1.83	-
PK	5.8501G	60.39	68.20	-7.81	6.99	3	Vertical	2	1.83	-

802.11a_Nss1,(6Mbps)_3TX

5720MHz Straddle 5.47-5.725GHz_TX

23/11/2018



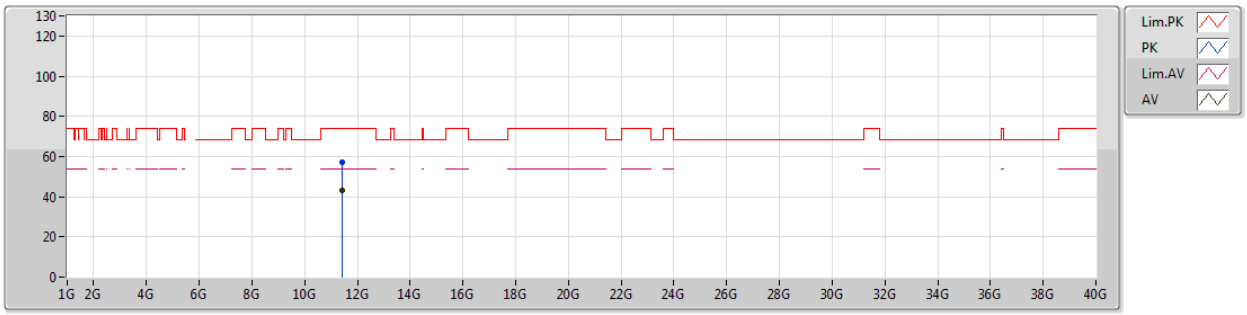
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.444G	59.80	74.00	-14.20	6.62	3	Horizontal	288	1.93	-
AV	5.4584G	47.17	54.00	-6.83	6.64	3	Horizontal	288	1.93	-
PK	5.4608G	59.46	68.20	-8.74	6.64	3	Horizontal	288	1.93	-
PK	5.7188G	117.56	Inf	-Inf	6.85	3	Horizontal	288	1.93	-
AV	5.7188G	107.24	Inf	-Inf	6.85	3	Horizontal	288	1.93	-
PK	5.9588G	61.29	68.20	-6.91	7.07	3	Horizontal	288	1.93	-

802.11a_Nss1,(6Mbps)_3TX

5720MHz Straddle 5.47-5.725GHz_TX

23/11/2018



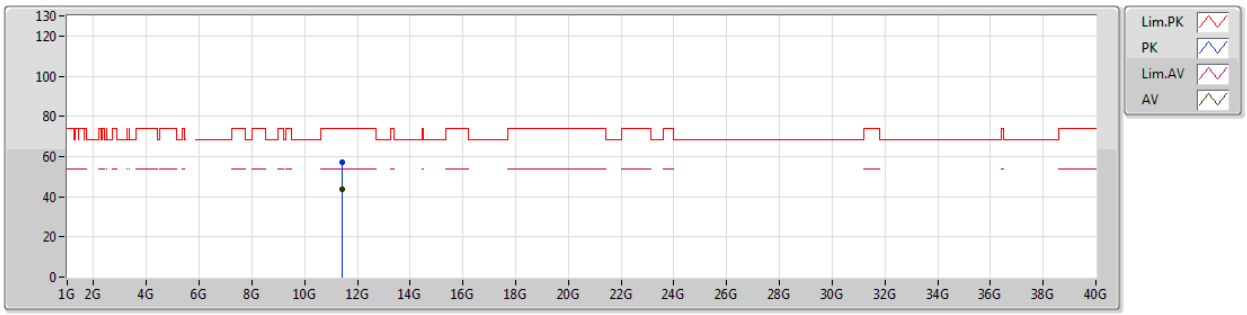
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.4384G	57.23	74.00	-16.77	14.25	3	Vertical	269	2.15	-
AV	11.4388G	43.32	54.00	-10.68	14.25	3	Vertical	269	2.15	-

802.11a_Nss1,(6Mbps)_3TX

5720MHz Straddle 5.47-5.725GHz_TX

23/11/2018



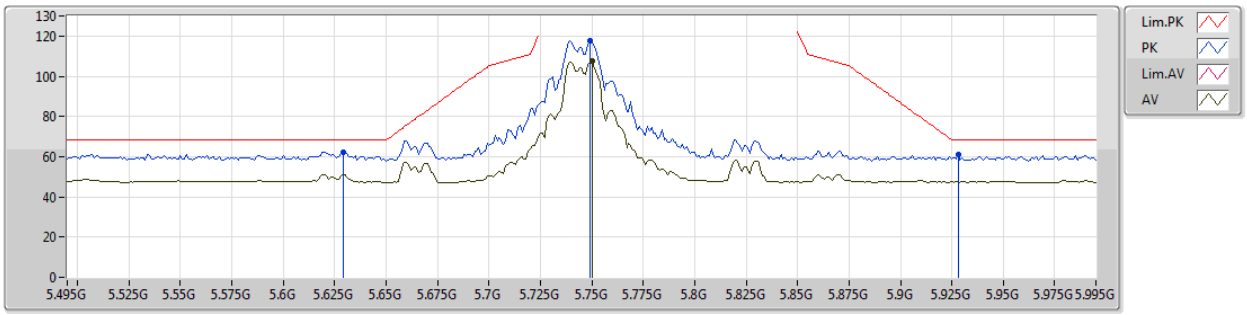
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.4384G	57.02	74.00	-16.98	14.25	3	Horizontal	264	2.18	-
AV	11.4404G	43.65	54.00	-10.35	14.25	3	Horizontal	264	2.18	-

802.11a_Nss1,(6Mbps)_3TX

5745MHz_TX

23/11/2018



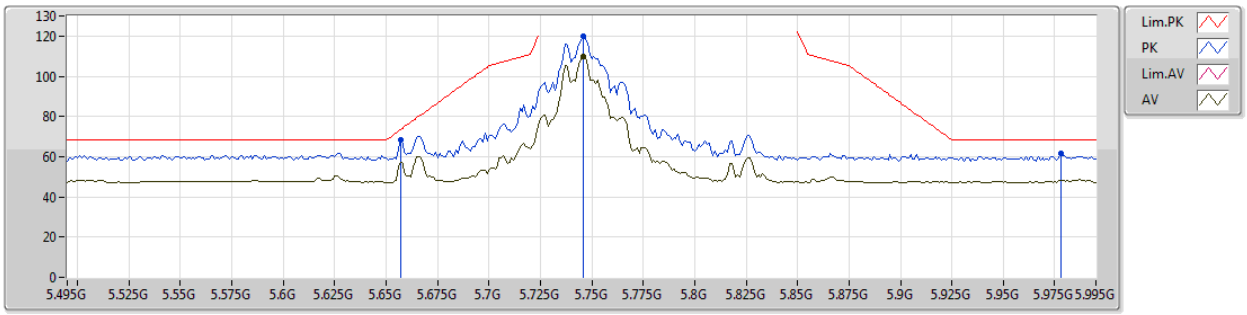
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.629G	62.38	68.20	-5.82	6.75	3	Vertical	9	1.89	-
PK	5.749G	117.83	Inf	-Inf	6.89	3	Vertical	9	1.89	-
AV	5.75G	107.40	Inf	-Inf	6.88	3	Vertical	9	1.89	-
PK	5.928G	61.03	68.20	-7.17	7.06	3	Vertical	9	1.89	-

802.11a_Nss1,(6Mbps)_3TX

5745MHz_TX

23/11/2018



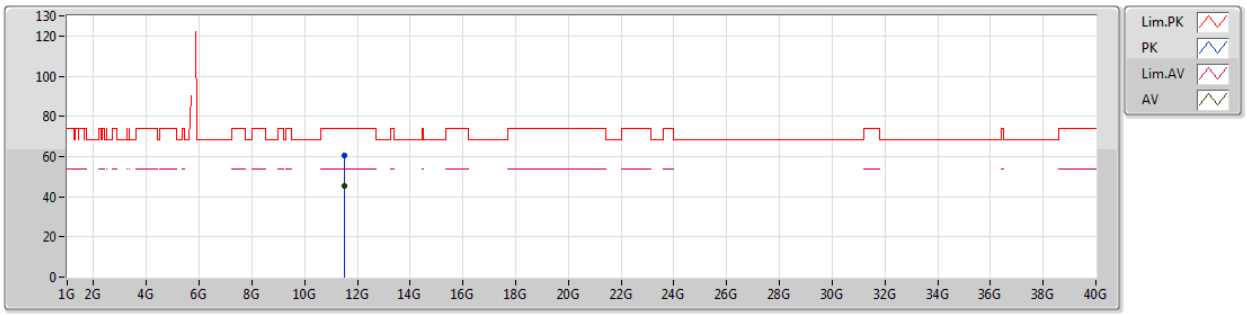
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.657G	68.31	73.38	-5.07	6.77	3	Horizontal	267	2.15	-
PK	5.746G	119.89	Inf	-Inf	6.89	3	Horizontal	267	2.15	-
AV	5.746G	109.70	Inf	-Inf	6.89	3	Horizontal	267	2.15	-
PK	5.978G	61.41	68.20	-6.79	7.09	3	Horizontal	267	2.15	-

802.11a_Nss1,(6Mbps)_3TX

5745MHz_TX

23/11/2018



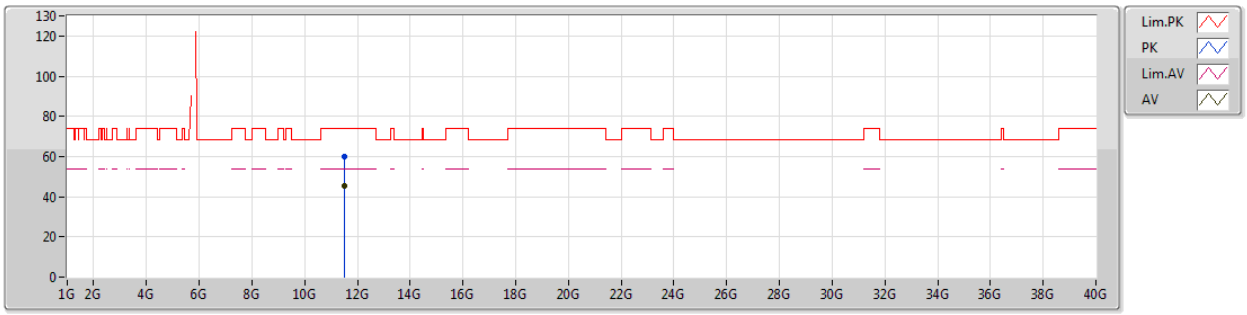
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.4888G	60.31	74.00	-13.69	14.30	3	Vertical	265	2.16	-
AV	11.489G	45.36	54.00	-8.64	14.30	3	Vertical	265	2.16	-

802.11a_Nss1,(6Mbps)_3TX

5745MHz_TX

23/11/2018



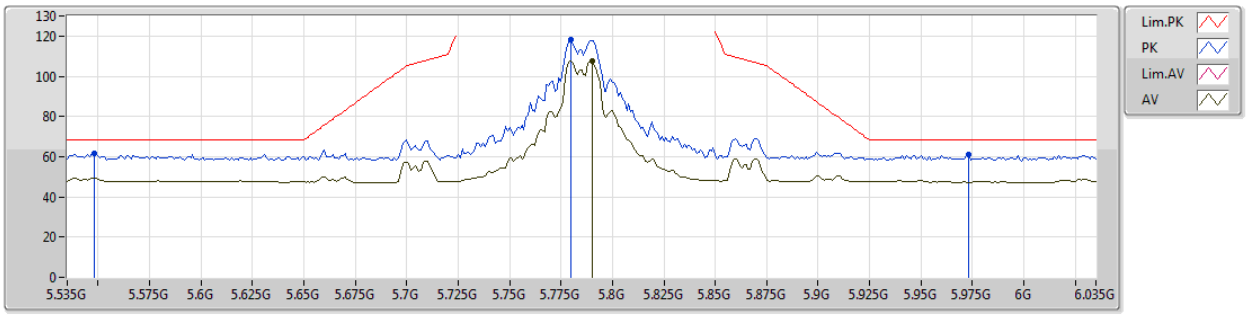
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.4874G	60.16	74.00	-13.84	14.30	3	Horizontal	200	2.23	-
AV	11.4878G	45.19	54.00	-8.81	14.30	3	Horizontal	200	2.23	-

802.11a_Nss1,(6Mbps)_3TX

5785MHz_TX

23/11/2018



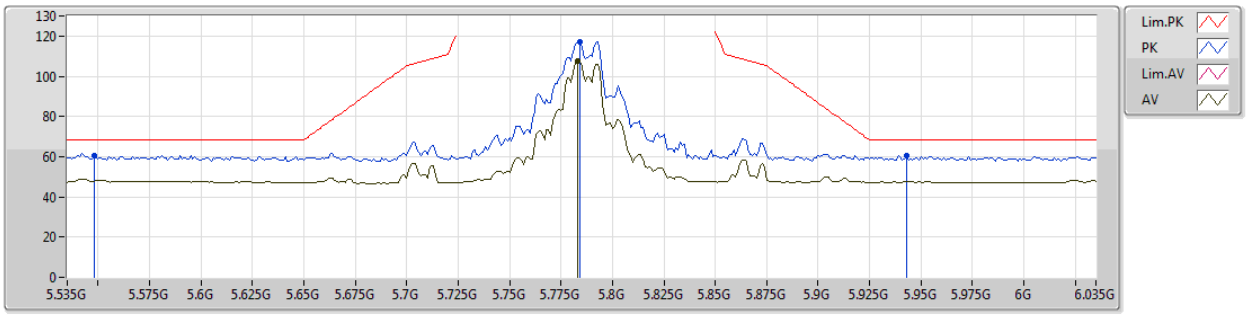
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.548G	61.80	68.20	-6.40	6.72	3	Vertical	10	1.82	-
PK	5.78G	118.01	Inf	-Inf	6.93	3	Vertical	10	1.82	-
AV	5.79G	107.79	Inf	-Inf	6.94	3	Vertical	10	1.82	-
PK	5.973G	60.97	68.20	-7.23	7.08	3	Vertical	10	1.82	-

802.11a_Nss1,(6Mbps)_3TX

5785MHz_TX

23/11/2018



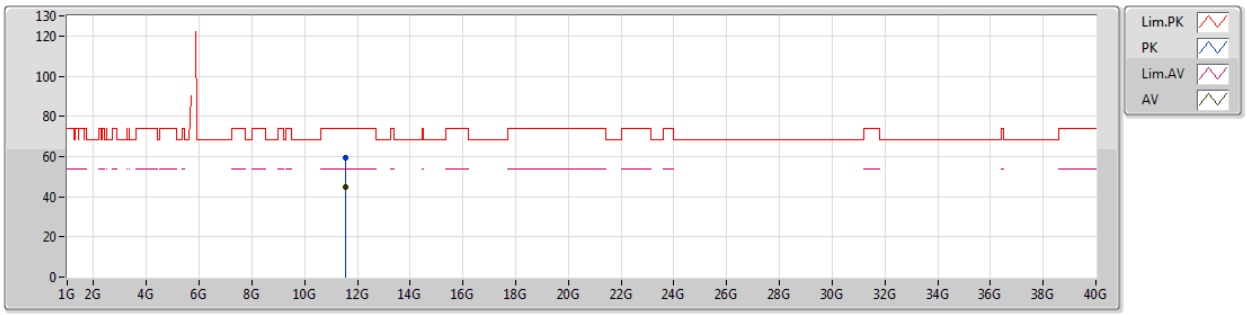
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.548G	60.64	68.20	-7.56	6.72	3	Horizontal	290	1.98	-
PK	5.784G	117.31	Inf	-Inf	6.93	3	Horizontal	290	1.98	-
AV	5.783G	107.38	Inf	-Inf	6.93	3	Horizontal	290	1.98	-
PK	5.943G	60.72	68.20	-7.48	7.07	3	Horizontal	290	1.98	-

802.11a_Nss1,(6Mbps)_3TX

5785MHz_TX

23/11/2018



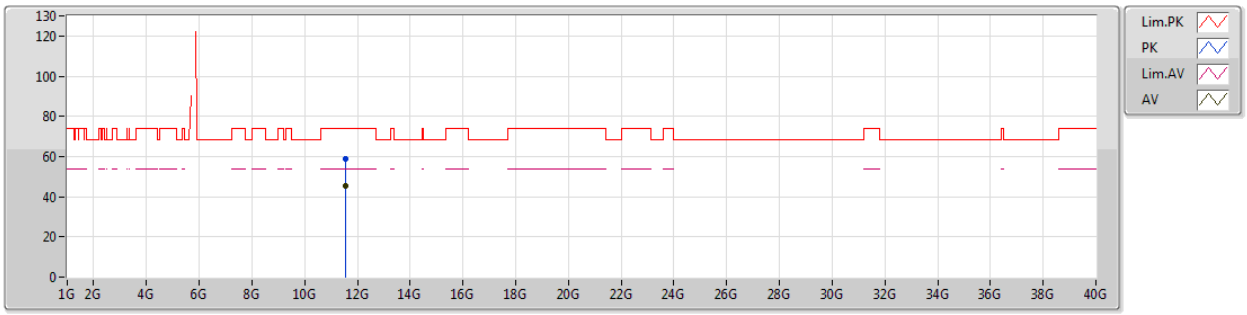
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.5682G	59.63	74.00	-14.37	14.38	3	Vertical	261	2.55	-
AV	11.5698G	44.71	54.00	-9.29	14.40	3	Vertical	261	2.55	-

802.11a_Nss1,(6Mbps)_3TX

5785MHz_TX

23/11/2018



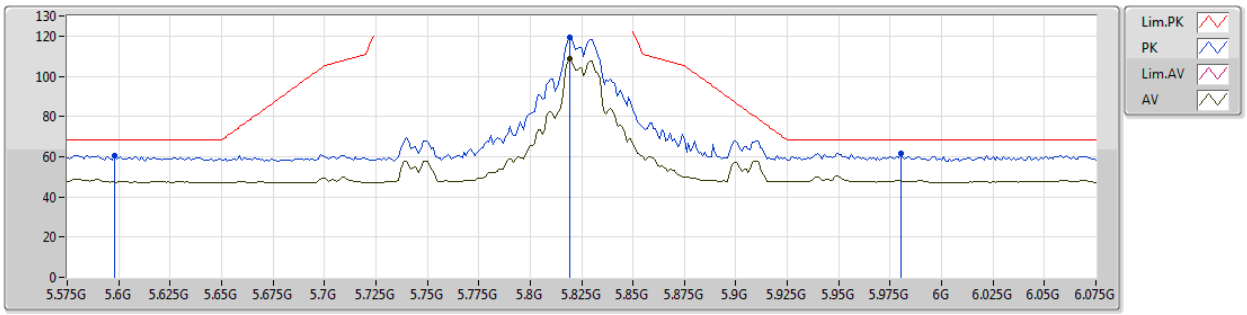
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.5688G	58.90	74.00	-15.10	14.39	3	Horizontal	199	2.22	-
AV	11.568G	45.46	54.00	-8.54	14.38	3	Horizontal	199	2.22	-

802.11a_Nss1,(6Mbps)_3TX

5825MHz_TX

23/11/2018



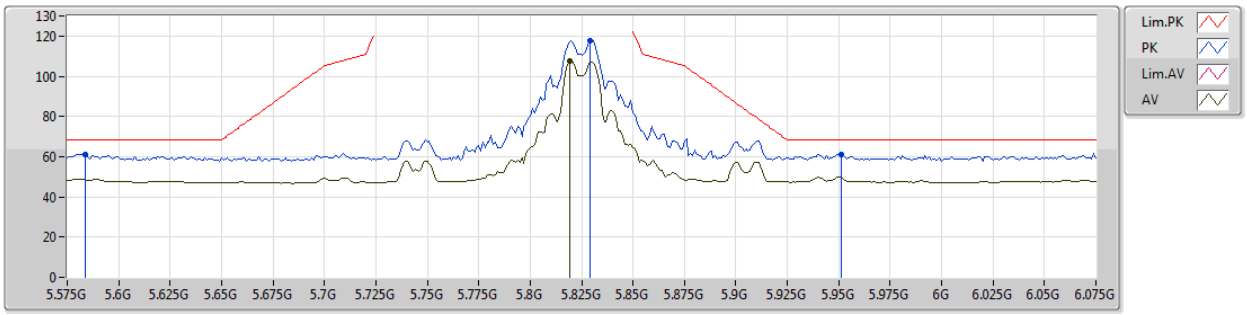
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.598G	60.66	68.20	-7.54	6.71	3	Vertical	6	1.86	-
PK	5.819G	119.28	Inf	-Inf	6.96	3	Vertical	6	1.86	-
AV	5.819G	108.59	Inf	-Inf	6.96	3	Vertical	6	1.86	-
PK	5.98G	61.74	68.20	-6.46	7.10	3	Vertical	6	1.86	-

802.11a_Nss1,(6Mbps)_3TX

5825MHz_TX

23/11/2018



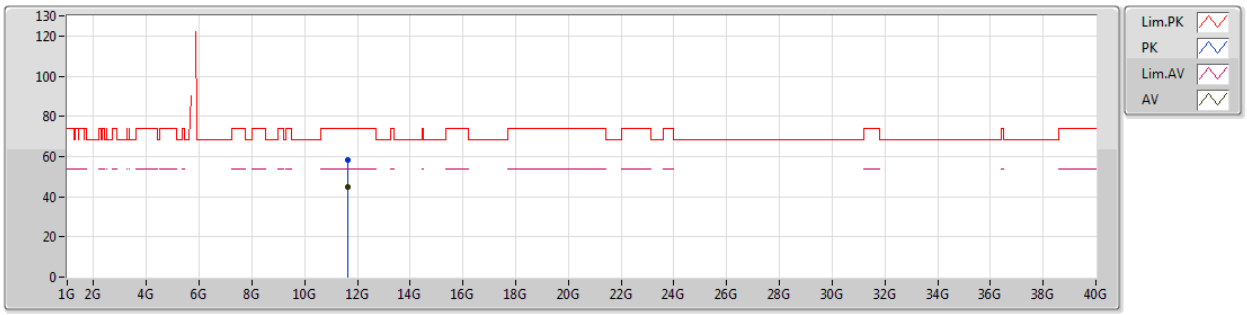
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.584G	61.33	68.20	-6.87	6.71	3	Horizontal	324	2.03	-
PK	5.829G	117.69	Inf	-Inf	6.98	3	Horizontal	324	2.03	-
AV	5.819G	107.43	Inf	-Inf	6.96	3	Horizontal	324	2.03	-
PK	5.951G	61.10	68.20	-7.10	7.07	3	Horizontal	324	2.03	-

802.11a_Nss1,(6Mbps)_3TX

5825MHz_TX

23/11/2018



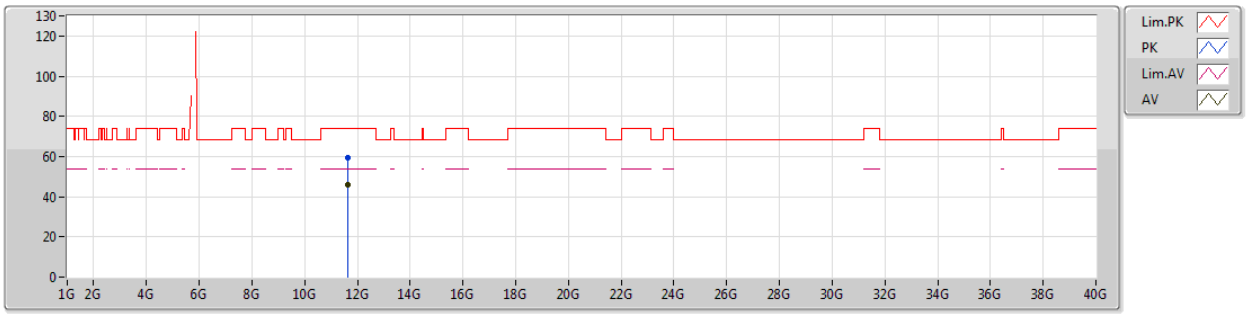
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.6516G	58.19	74.00	-15.81	14.47	3	Vertical	247	2.18	-
AV	11.6506G	44.98	54.00	-9.02	14.47	3	Vertical	247	2.18	-

802.11a_Nss1,(6Mbps)_3TX

5825MHz_TX

23/11/2018



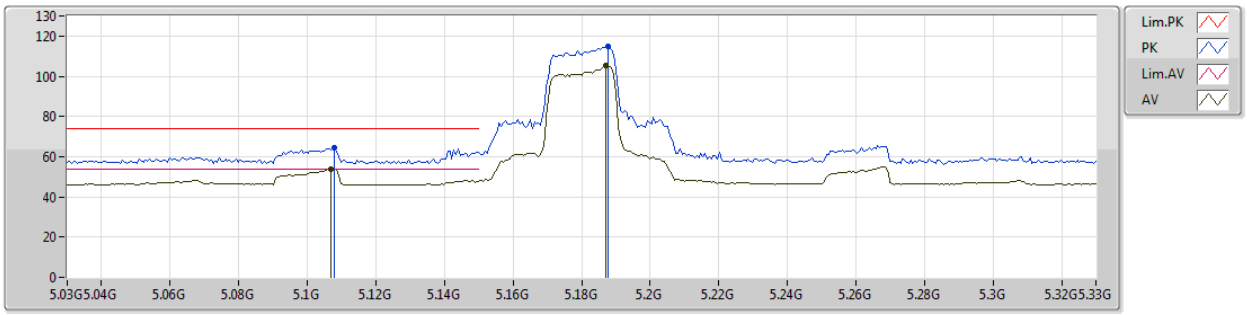
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.653G	59.26	74.00	-14.74	14.47	3	Horizontal	211	2.20	-
AV	11.6476G	45.77	54.00	-8.23	14.47	3	Horizontal	211	2.20	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5180MHz_TX

22/11/2018



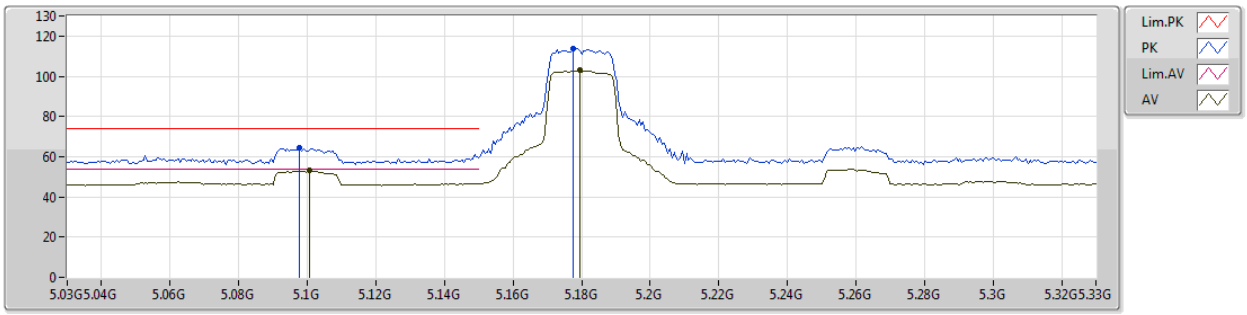
EUT Y_3TX
Setting 70
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.108G	64.34	74.00	-9.66	5.76	3	Vertical	353	1.87	-
AV	5.1068G	53.90	54.00	-0.10	5.76	3	Vertical	353	1.87	-
PK	5.1878G	114.82	Inf	-Inf	5.96	3	Vertical	353	1.87	-
AV	5.1872G	105.62	Inf	-Inf	5.96	3	Vertical	353	1.87	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5180MHz_TX

22/11/2018



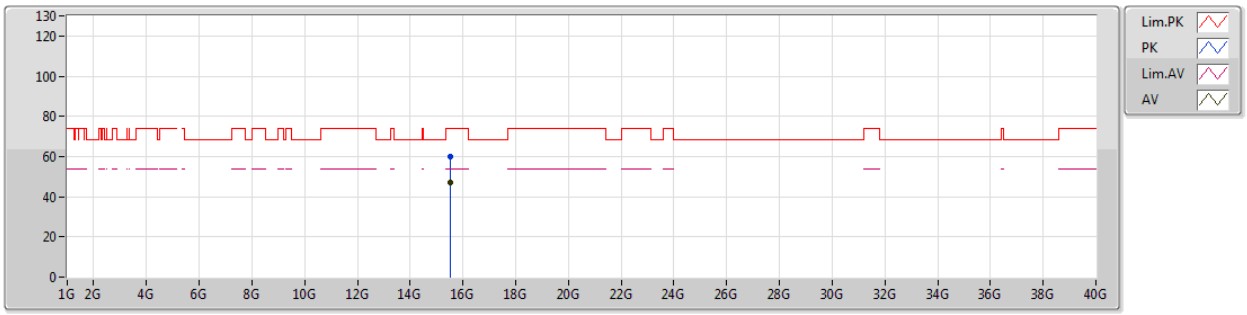
EUT Y_3TX
Setting 70
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.0978G	64.43	74.00	-9.57	5.74	3	Horizontal	100	2.04	-
AV	5.1008G	53.03	54.00	-0.97	5.74	3	Horizontal	100	2.04	-
PK	5.1776G	113.87	Inf	-Inf	5.93	3	Horizontal	100	2.04	-
AV	5.1794G	102.89	Inf	-Inf	5.93	3	Horizontal	100	2.04	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5180MHz_TX

22/11/2018



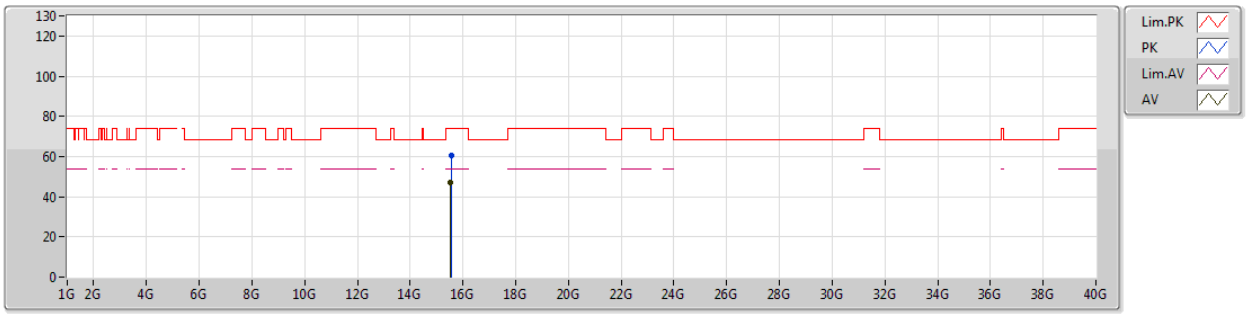
EUT Y_3TX
Setting 70
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.54204G	60.14	74.00	-13.86	15.52	3	Vertical	232	1.03	-
AV	15.53304G	46.89	54.00	-7.11	15.56	3	Vertical	232	1.03	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5180MHz_TX

22/11/2018



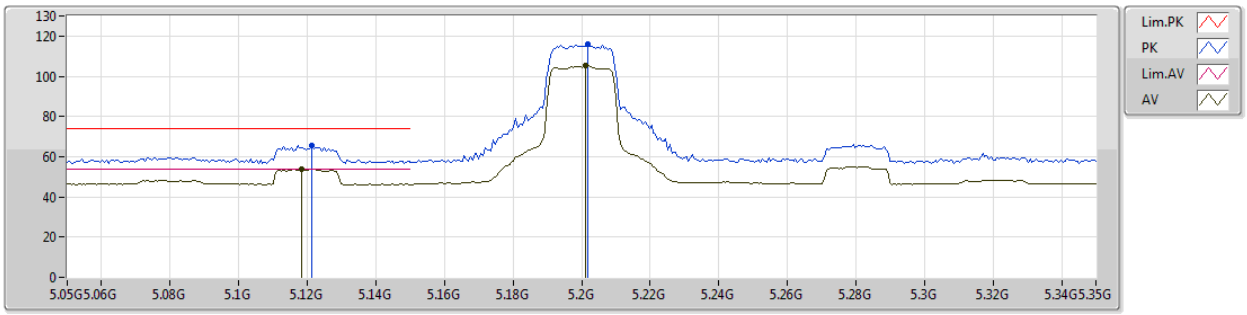
EUT Y_3TX
Setting 70
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.55068G	60.60	74.00	-13.40	15.49	3	Horizontal	118	1.11	-
AV	15.52722G	47.06	54.00	-6.94	15.57	3	Horizontal	118	1.11	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5200MHz_TX

22/11/2018



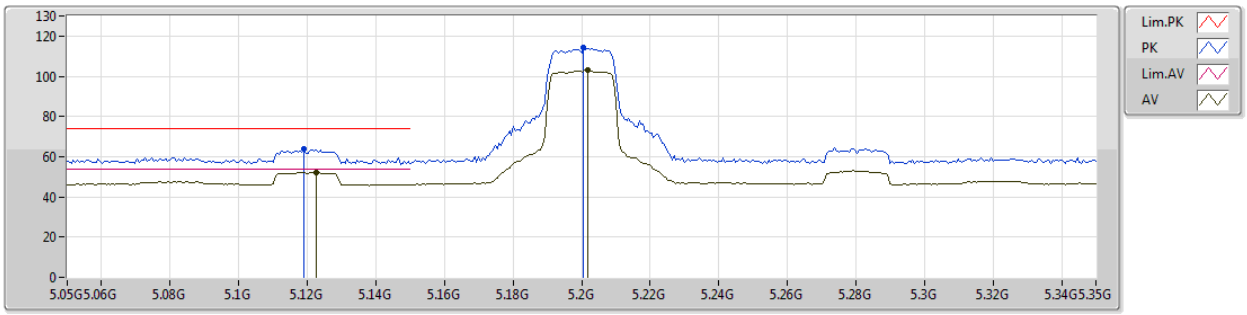
EUT Y_3TX
Setting 65
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1214G	65.48	74.00	-8.52	5.80	3	Vertical	173	1.87	-
AV	5.1184G	53.92	54.00	-0.08	5.78	3	Vertical	173	1.87	-
PK	5.2018G	116.07	Inf	-Inf	5.99	3	Vertical	173	1.87	-
AV	5.2012G	105.16	Inf	-Inf	5.99	3	Vertical	173	1.87	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5200MHz_TX

22/11/2018



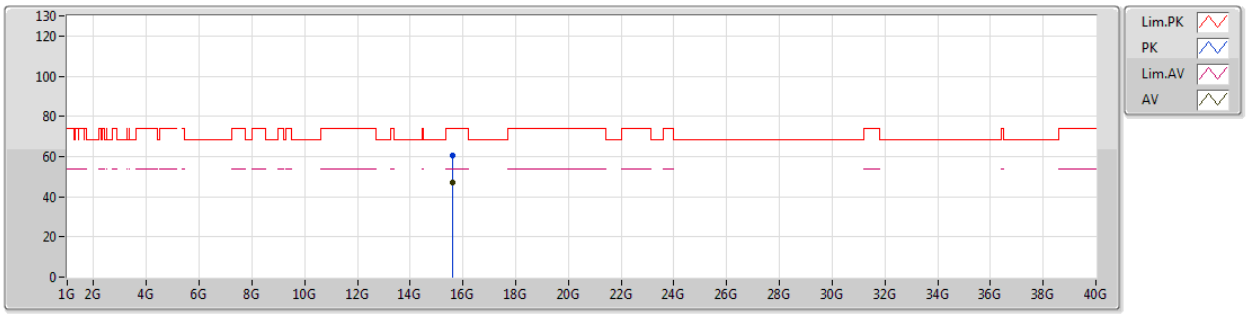
EUT Y_3TX
Setting 65
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.119G	63.71	74.00	-10.29	5.79	3	Horizontal	322	2.11	-
AV	5.1226G	52.18	54.00	-1.82	5.80	3	Horizontal	322	2.11	-
PK	5.2006G	114.39	Inf	-Inf	5.99	3	Horizontal	322	2.11	-
AV	5.2018G	103.10	Inf	-Inf	5.99	3	Horizontal	322	2.11	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5200MHz_TX

22/11/2018



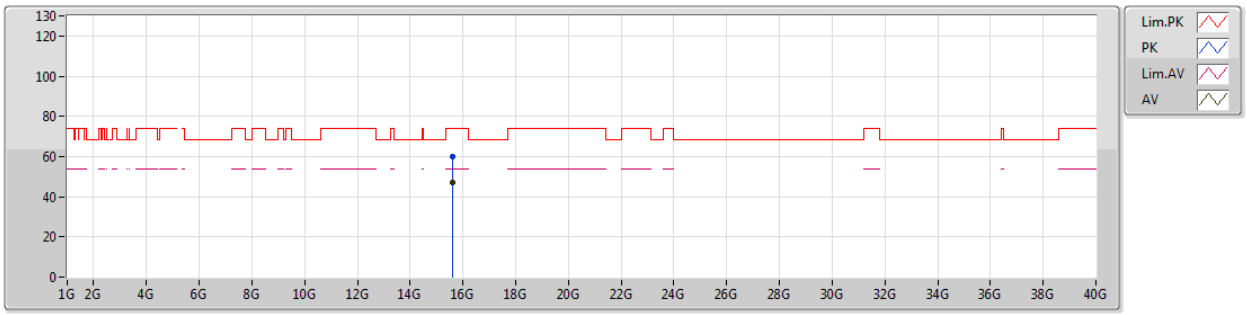
EUT Y_3TX
Setting 65
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.6078G	60.72	74.00	-13.28	15.28	3	Vertical	357	1.37	-
AV	15.6G	46.89	54.00	-7.11	15.31	3	Vertical	357	1.37	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5200MHz_TX

22/11/2018



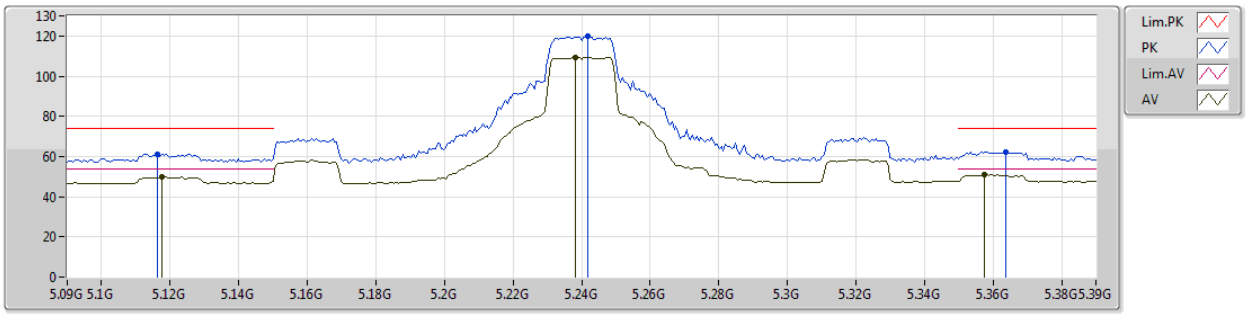
EUT Y_3TX
Setting 65
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.60312G	60.18	74.00	-13.82	15.30	3	Horizontal	77	1.50	-
AV	15.5976G	47.09	54.00	-6.91	15.32	3	Horizontal	77	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5240MHz_TX

22/11/2018



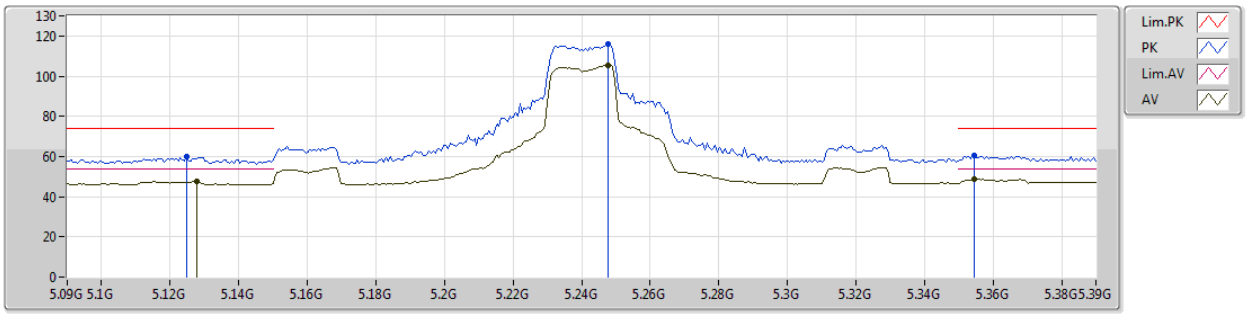
EUT Y_3TX
Setting 100
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1164G	61.34	74.00	-12.66	5.78	3	Vertical	173	1.90	-
AV	5.1176G	49.96	54.00	-4.04	5.78	3	Vertical	173	1.90	-
PK	5.2418G	119.68	Inf	-Inf	6.12	3	Vertical	173	1.90	-
AV	5.2382G	109.53	Inf	-Inf	6.10	3	Vertical	173	1.90	-
PK	5.3636G	62.34	74.00	-11.66	6.44	3	Vertical	173	1.90	-
AV	5.3576G	50.92	54.00	-3.08	6.42	3	Vertical	173	1.90	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5240MHz_TX

22/11/2018



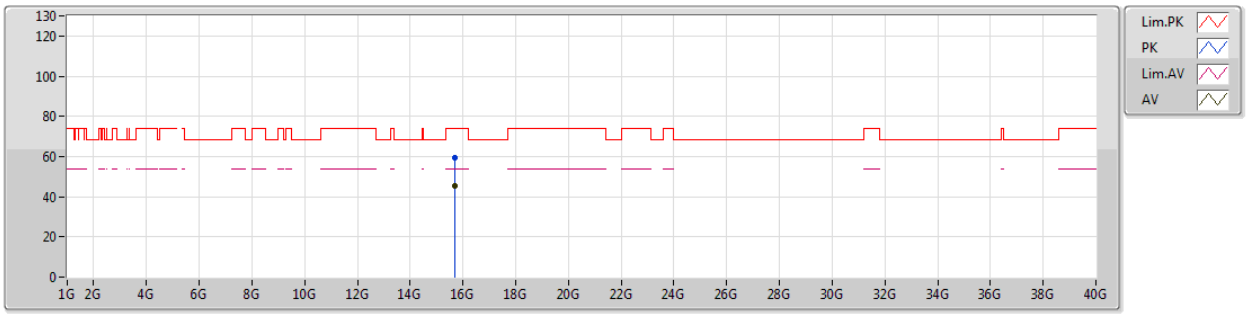
EUT Y_3TX
Setting 100
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1248G	59.73	74.00	-14.27	5.80	3	Horizontal	108	2.05	-
AV	5.1278G	47.77	54.00	-6.23	5.81	3	Horizontal	108	2.05	-
PK	5.2478G	115.77	Inf	-Inf	6.13	3	Horizontal	108	2.05	-
AV	5.2478G	105.62	Inf	-Inf	6.13	3	Horizontal	108	2.05	-
PK	5.3546G	60.29	74.00	-13.71	6.42	3	Horizontal	108	2.05	-
AV	5.3546G	49.03	54.00	-4.97	6.42	3	Horizontal	108	2.05	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5240MHz_TX

22/11/2018



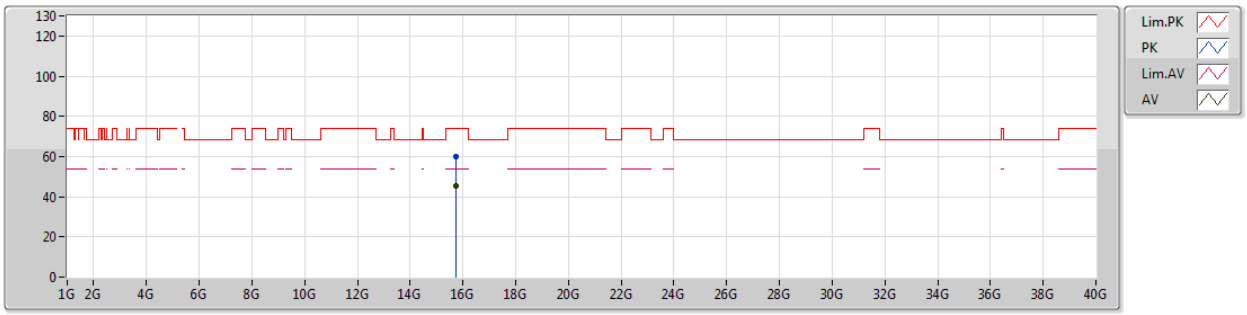
EUT Y_3TX
Setting 100
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.71094G	59.27	74.00	-14.73	14.92	3	Vertical	69	2.03	-
AV	15.71238G	45.58	54.00	-8.42	14.92	3	Vertical	69	2.03	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5240MHz_TX

22/11/2018



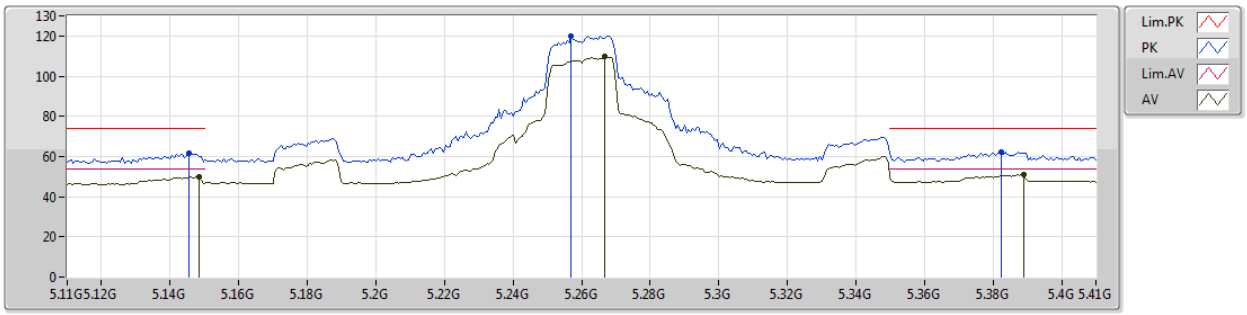
EUT Y_3TX
Setting 100
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.73446G	59.80	74.00	-14.20	14.83	3	Horizontal	48	1.44	-
AV	15.73344G	45.52	54.00	-8.48	14.84	3	Horizontal	48	1.44	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5260MHz_TX

22/11/2018



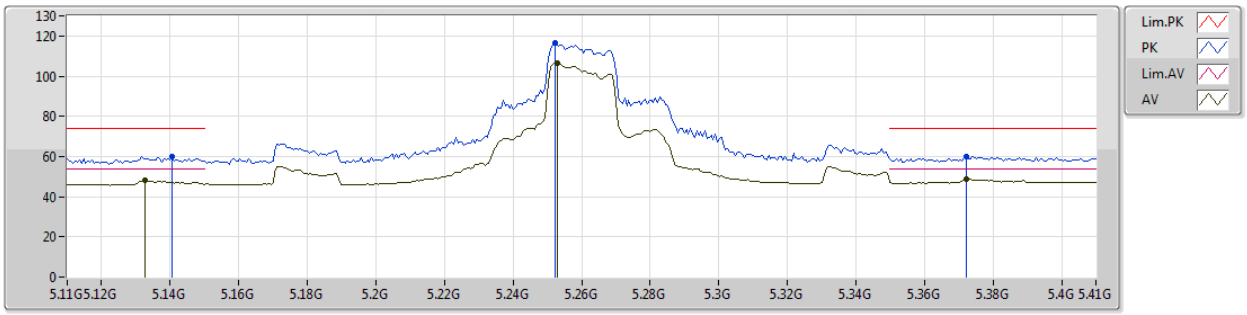
EUT Y_3TX
Setting 100
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1454G	61.46	74.00	-12.54	5.86	3	Vertical	159	1.86	-
AV	5.1484G	50.00	54.00	-4.00	5.87	3	Vertical	159	1.86	-
PK	5.257G	119.96	Inf	-Inf	6.15	3	Vertical	159	1.86	-
AV	5.2666G	109.65	Inf	-Inf	6.18	3	Vertical	159	1.86	-
PK	5.3824G	62.46	74.00	-11.54	6.49	3	Vertical	159	1.86	-
AV	5.389G	50.83	54.00	-3.17	6.51	3	Vertical	159	1.86	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5260MHz_TX

22/11/2018



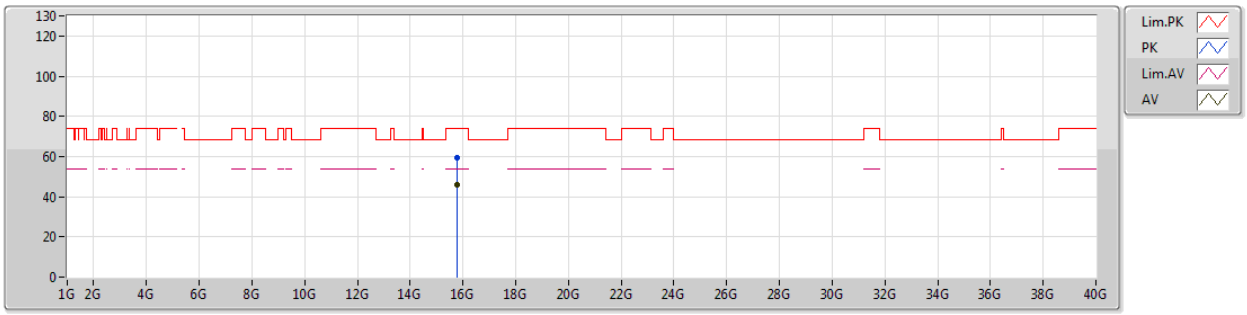
EUT Y_3TX
Setting 100
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1406G	60.13	74.00	-13.87	5.84	3	Horizontal	105	2.45	-
AV	5.1328G	48.01	54.00	-5.99	5.83	3	Horizontal	105	2.45	-
PK	5.2522G	116.60	Inf	-Inf	6.14	3	Horizontal	105	2.45	-
AV	5.2528G	106.64	Inf	-Inf	6.15	3	Horizontal	105	2.45	-
PK	5.3722G	60.13	74.00	-13.87	6.46	3	Horizontal	105	2.45	-
AV	5.3722G	48.74	54.00	-5.26	6.46	3	Horizontal	105	2.45	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5260MHz_TX

22/11/2018



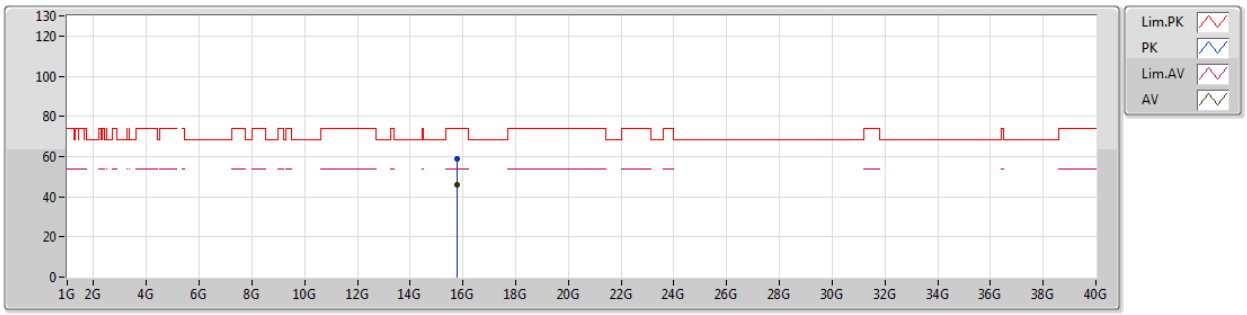
EUT Y_3TX
Setting 100
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.7722G	59.31	74.00	-14.69	14.70	3	Vertical	125	1.99	-
AV	15.77208G	46.01	54.00	-7.99	14.70	3	Vertical	125	1.99	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5260MHz_TX

22/11/2018



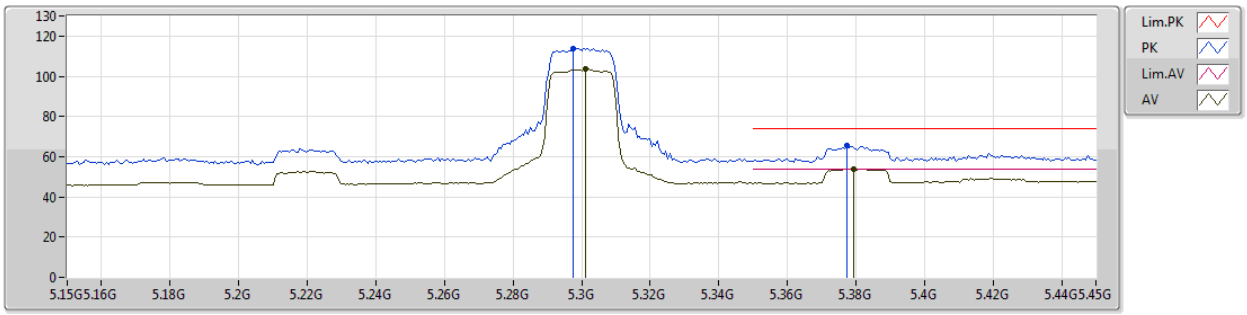
EUT Y_3TX
Setting 100
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.79158G	59.02	74.00	-14.98	14.62	3	Horizontal	163	1.10	-
AV	15.76602G	45.97	54.00	-8.03	14.72	3	Horizontal	163	1.10	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5300MHz_TX

22/11/2018



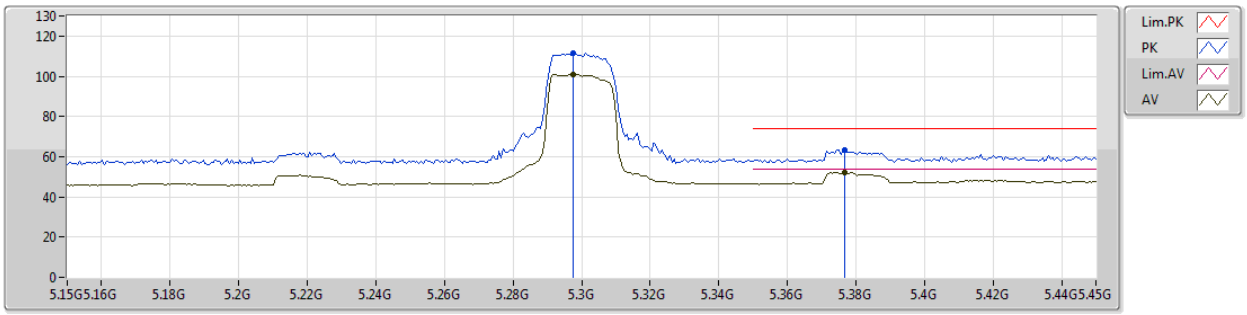
EUT Y_3TX
Setting 59
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.2976G	113.70	Inf	-Inf	6.28	3	Vertical	173	1.77	-
AV	5.3012G	103.59	Inf	-Inf	6.28	3	Vertical	173	1.77	-
PK	5.3774G	65.30	74.00	-8.70	6.48	3	Vertical	173	1.77	-
AV	5.3792G	53.97	54.00	-0.03	6.48	3	Vertical	173	1.77	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5300MHz_TX

22/11/2018



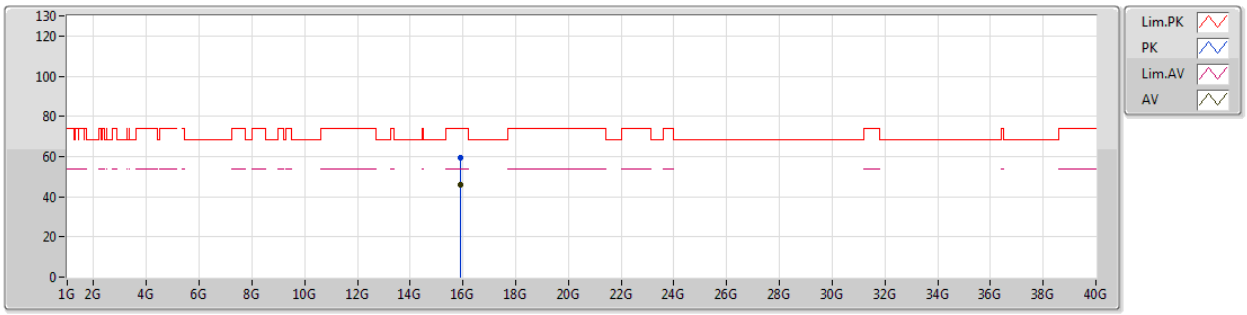
EUT Y_3TX
Setting 59
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.2976G	111.75	Inf	-Inf	6.28	3	Horizontal	317	1.95	-
AV	5.2976G	100.84	Inf	-Inf	6.28	3	Horizontal	317	1.95	-
PK	5.3768G	63.39	74.00	-10.61	6.48	3	Horizontal	317	1.95	-
AV	5.3768G	52.27	54.00	-1.73	6.48	3	Horizontal	317	1.95	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5300MHz_TX

22/11/2018



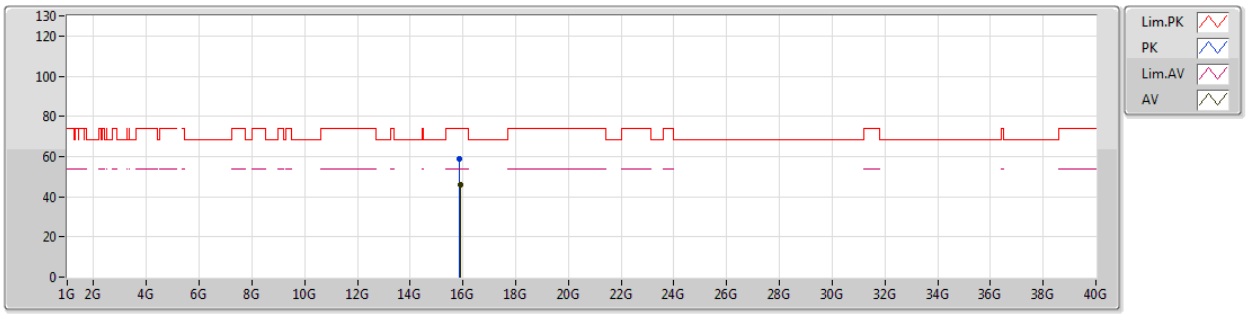
EUT Y_3TX
Setting 59
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.88956G	59.13	74.00	-14.87	14.28	3	Vertical	171	2.94	-
AV	15.89034G	45.81	54.00	-8.19	14.28	3	Vertical	171	2.94	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5300MHz_TX

22/11/2018



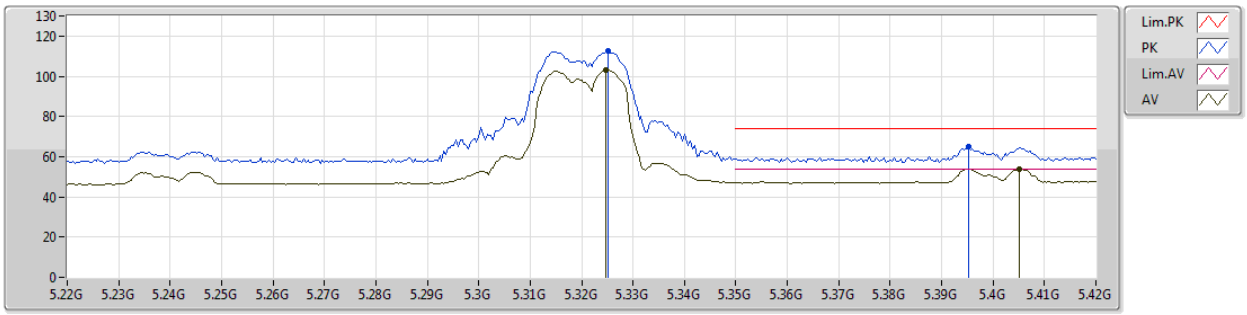
EUT Y_3TX
Setting 59
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.88554G	58.97	74.00	-15.03	14.28	3	Horizontal	356	2.48	-
AV	15.89118G	45.95	54.00	-8.05	14.27	3	Horizontal	356	2.48	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5320MHz_TX

23/11/2018



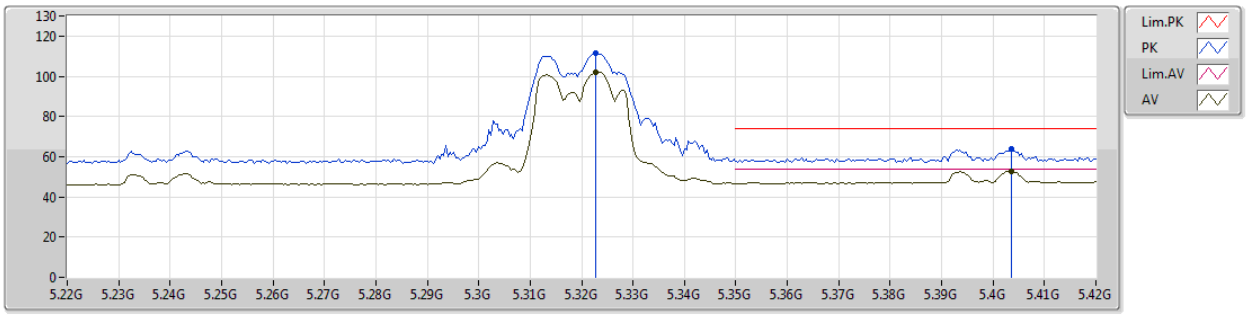
EUT Y_3TX
Setting 66
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3252G	112.41	Inf	-Inf	6.35	3	Vertical	0	2.01	-
AV	5.3248G	102.90	Inf	-Inf	6.34	3	Vertical	0	2.01	-
PK	5.3952G	65.09	74.00	-8.91	6.53	3	Vertical	0	2.01	-
AV	5.4052G	53.79	54.00	-0.21	6.55	3	Vertical	0	2.01	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5320MHz_TX

23/11/2018



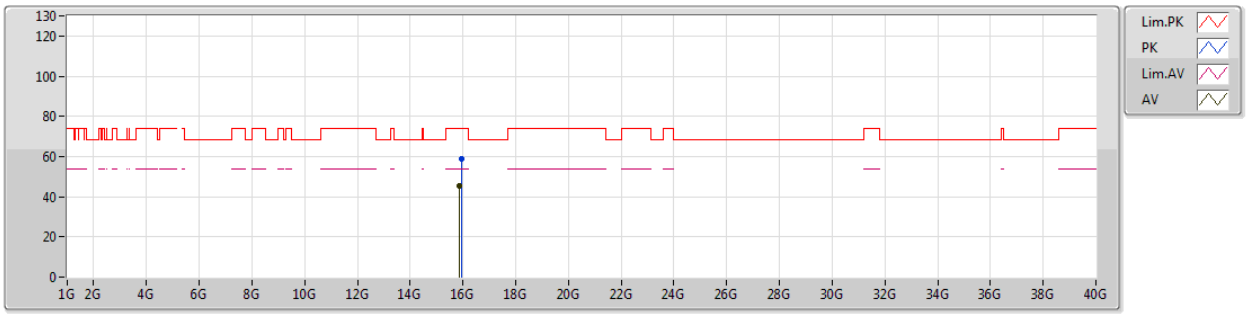
EUT Y_3TX
Setting 66
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3228G	111.66	Inf	-Inf	6.34	3	Horizontal	109	2.00	-
AV	5.3228G	102.02	Inf	-Inf	6.34	3	Horizontal	109	2.00	-
PK	5.4036G	64.11	74.00	-9.89	6.55	3	Horizontal	109	2.00	-
AV	5.4036G	52.72	54.00	-1.28	6.55	3	Horizontal	109	2.00	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5320MHz_TX

23/11/2018



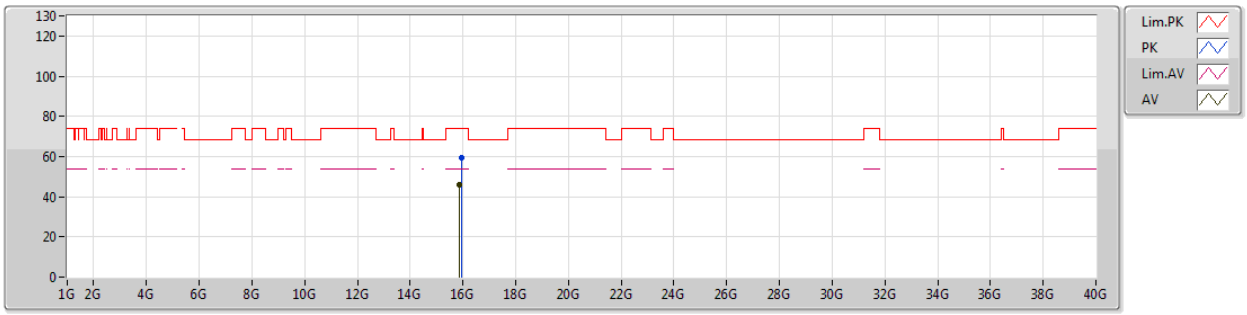
EUT Y_3TX
Setting 66
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.9568G	58.68	74.00	-15.32	14.03	3	Vertical	108	1.50	-
AV	15.8856G	45.66	54.00	-8.34	14.28	3	Vertical	108	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5320MHz_TX

23/11/2018



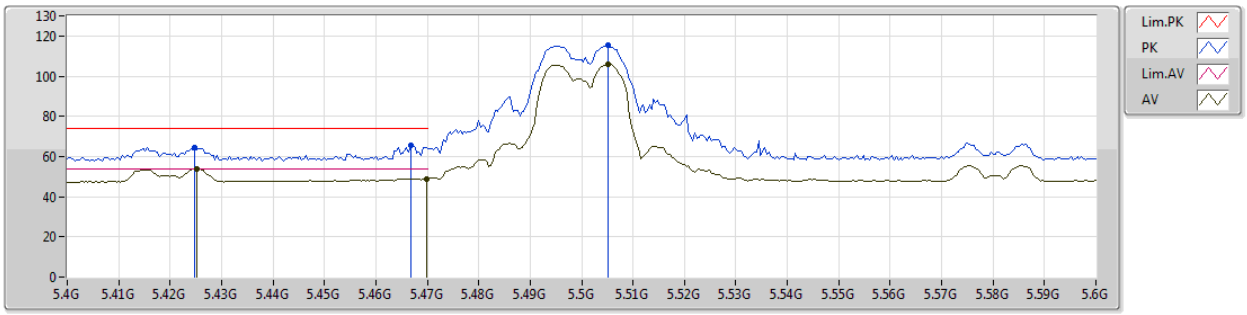
EUT Y_3TX
Setting 66
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.9636G	59.49	74.00	-14.51	14.01	3	Horizontal	211	2.53	-
AV	15.8824G	45.93	54.00	-8.07	14.30	3	Horizontal	211	2.53	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5500MHz_TX

23/11/2018



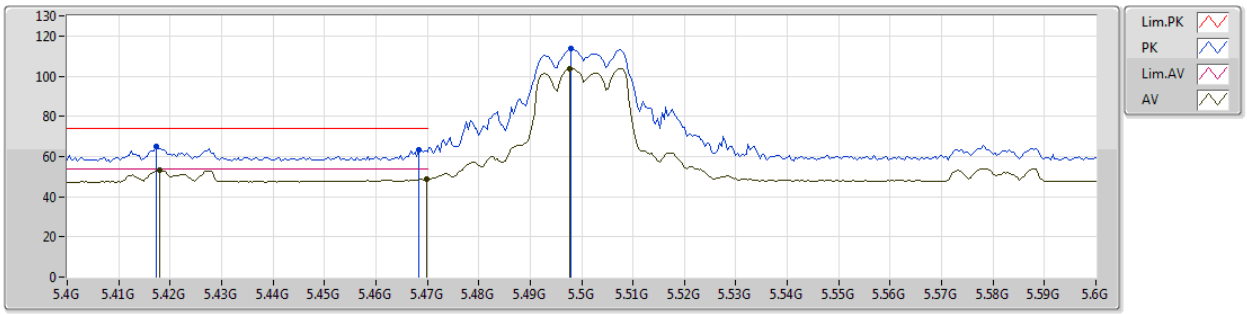
EUT Y_3TX
Setting 74
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4248G	64.66	74.00	-9.34	6.58	3	Vertical	12	2.66	-
AV	5.4252G	53.88	54.00	-0.12	6.59	3	Vertical	12	2.66	-
PK	5.4668G	65.33	74.00	-8.67	6.65	3	Vertical	12	2.66	-
AV	5.4698G	48.96	54.00	-5.04	6.66	3	Vertical	12	2.66	-
PK	5.5052G	115.43	Inf	-Inf	6.71	3	Vertical	12	2.66	-
AV	5.5052G	105.90	Inf	-Inf	6.71	3	Vertical	12	2.66	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5500MHz_TX

23/11/2018



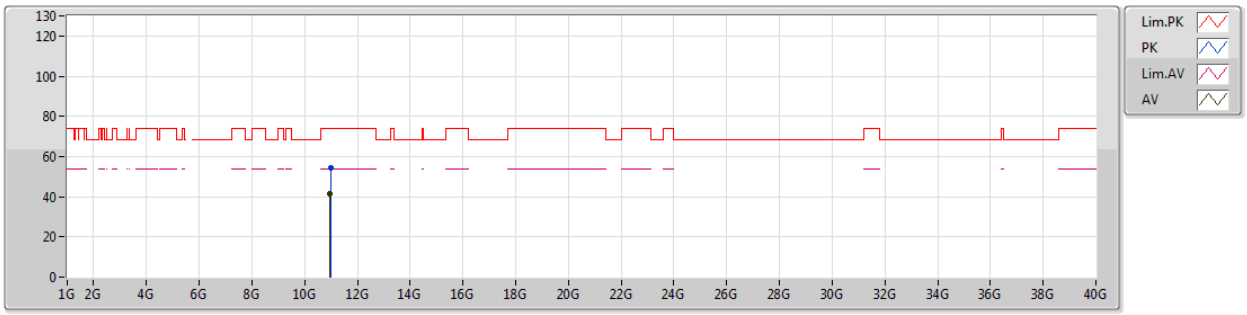
EUT Y_3TX
Setting 74
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4172G	64.84	74.00	-9.16	6.57	3	Horizontal	212	1.95	-
AV	5.418G	53.08	54.00	-0.92	6.57	3	Horizontal	212	1.95	-
PK	5.4684G	63.11	74.00	-10.89	6.65	3	Horizontal	212	1.95	-
AV	5.4699G	48.83	54.00	-5.17	6.66	3	Horizontal	212	1.95	-
PK	5.498G	113.83	Inf	-Inf	6.71	3	Horizontal	212	1.95	-
AV	5.4976G	103.79	Inf	-Inf	6.71	3	Horizontal	212	1.95	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5500MHz_TX

23/11/2018



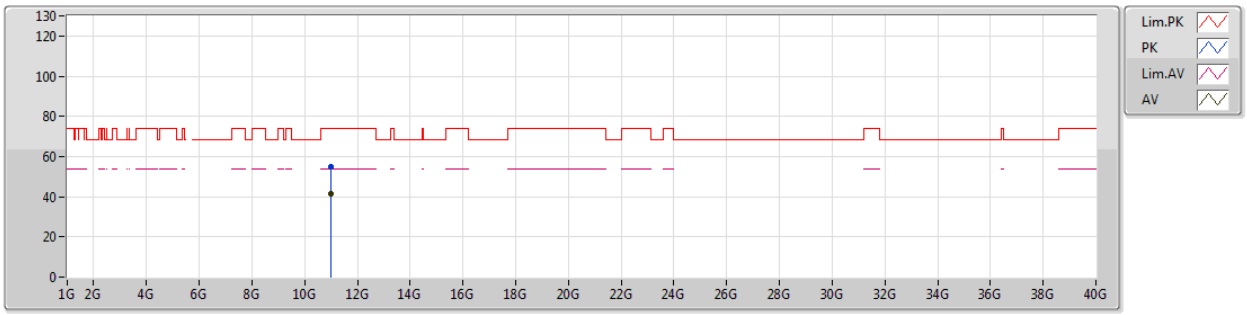
EUT Y_3TX
Setting 74
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.9804G	54.58	74.00	-19.42	13.77	3	Vertical	194	2.09	-
AV	10.9516G	41.51	54.00	-12.49	13.73	3	Vertical	194	2.09	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5500MHz_TX

23/11/2018



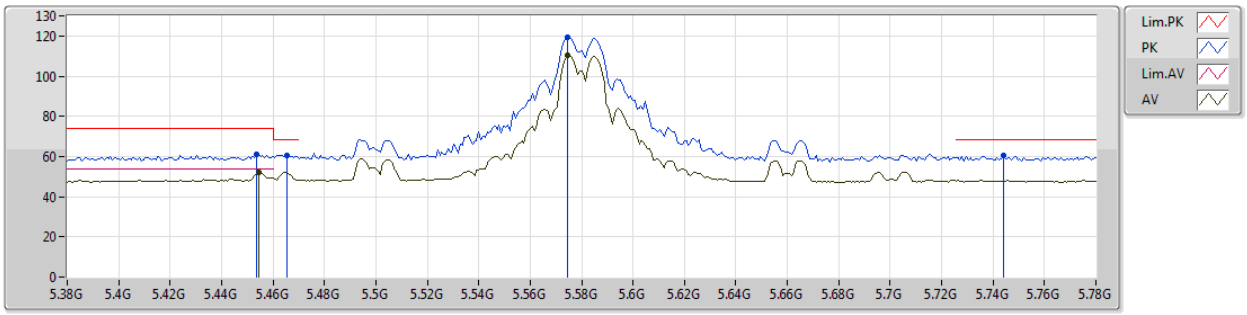
EUT Y_3TX
Setting 74
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.9996G	54.68	74.00	-19.32	13.79	3	Horizontal	210	1.50	-
AV	11.0024G	41.69	54.00	-12.31	13.79	3	Horizontal	210	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5580MHz_TX

23/11/2018



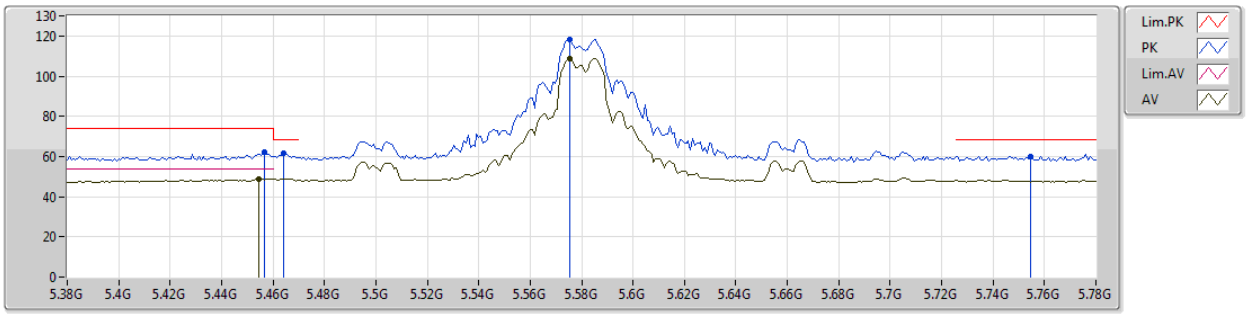
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4536G	61.24	74.00	-12.76	6.63	3	Vertical	10	2.58	-
AV	5.4544G	51.92	54.00	-2.08	6.63	3	Vertical	10	2.58	-
PK	5.4656G	60.50	68.20	-7.70	6.65	3	Vertical	10	2.58	-
PK	5.5744G	119.60	Inf	-Inf	6.70	3	Vertical	10	2.58	-
AV	5.5744G	110.16	Inf	-Inf	6.70	3	Vertical	10	2.58	-
PK	5.744G	60.32	68.20	-7.88	6.89	3	Vertical	10	2.58	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5580MHz_TX

23/11/2018



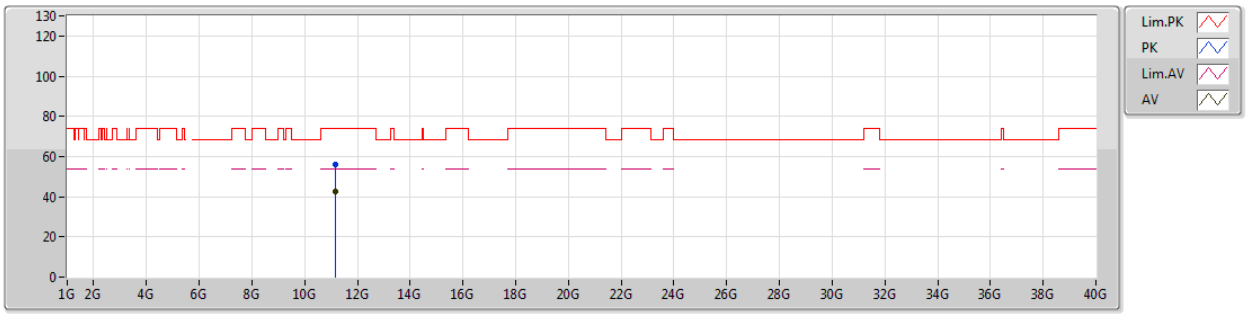
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4568G	62.30	74.00	-11.70	6.63	3	Horizontal	330	2.02	-
AV	5.4544G	48.91	54.00	-5.09	6.63	3	Horizontal	330	2.02	-
PK	5.464G	61.88	68.20	-6.32	6.65	3	Horizontal	330	2.02	-
PK	5.5752G	118.06	Inf	-Inf	6.71	3	Horizontal	330	2.02	-
AV	5.5752G	108.70	Inf	-Inf	6.71	3	Horizontal	330	2.02	-
PK	5.7544G	60.22	68.20	-7.98	6.89	3	Horizontal	330	2.02	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5580MHz_TX

23/11/2018



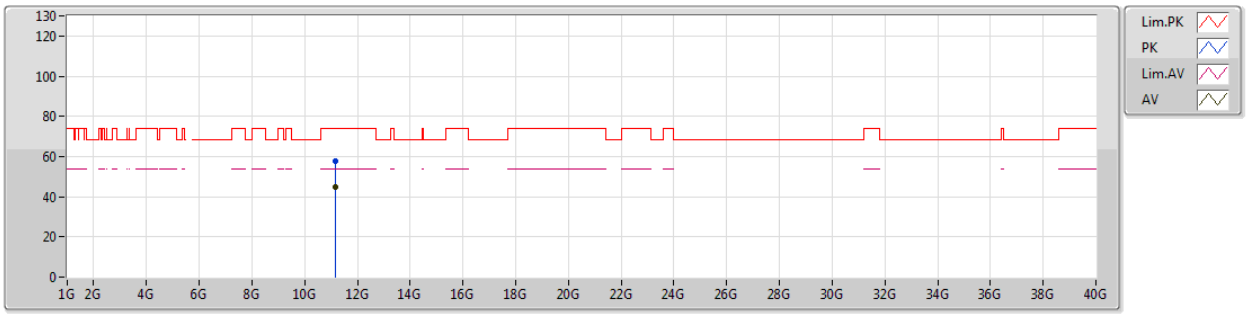
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.1556G	55.85	74.00	-18.15	13.95	3	Vertical	289	2.17	-
AV	11.1564G	42.58	54.00	-11.42	13.96	3	Vertical	289	2.17	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5580MHz_TX

23/11/2018



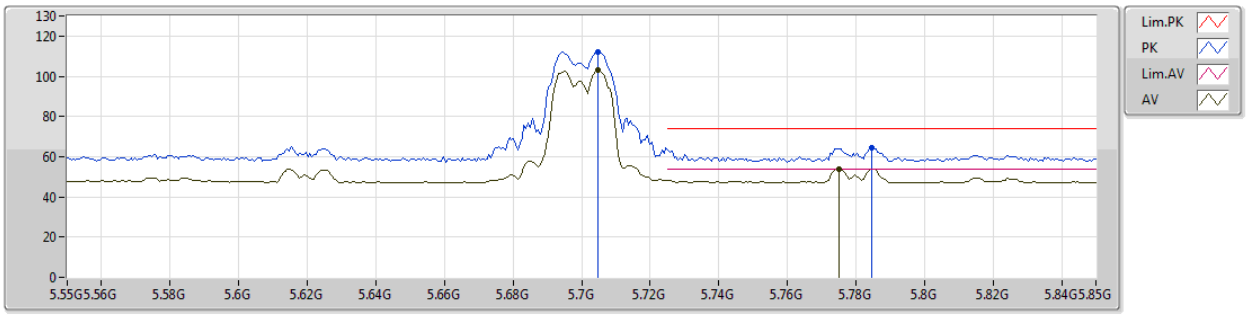
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.161G	57.70	74.00	-16.30	13.96	3	Horizontal	226	1.76	-
AV	11.1606G	45.06	54.00	-8.94	13.96	3	Horizontal	226	1.76	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5700MHz_TX

23/11/2018



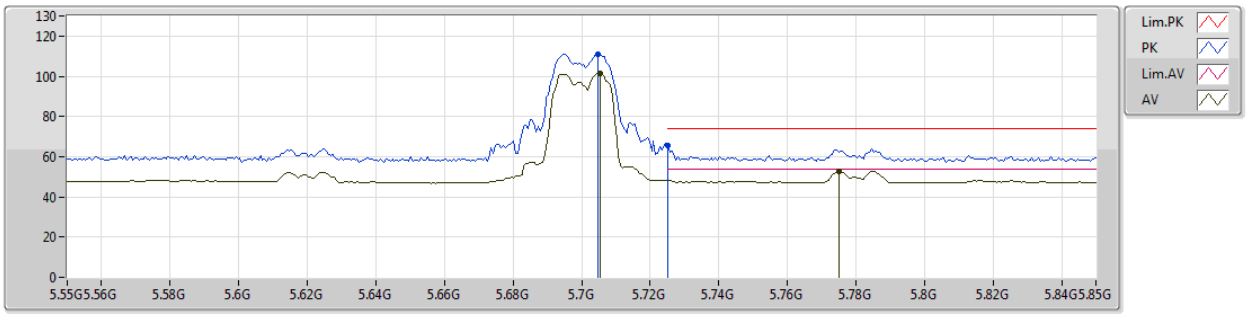
EUT Y_3TX
Setting 64
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.7048G	112.31	Inf	-Inf	6.84	3	Vertical	15	2.03	-
AV	5.7048G	102.86	Inf	-Inf	6.84	3	Vertical	15	2.03	-
PK	5.7846G	64.35	74.00	-9.65	6.93	3	Vertical	15	2.03	-
AV	5.775G	53.95	54.00	-0.05	6.91	3	Vertical	15	2.03	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5700MHz_TX

23/11/2018



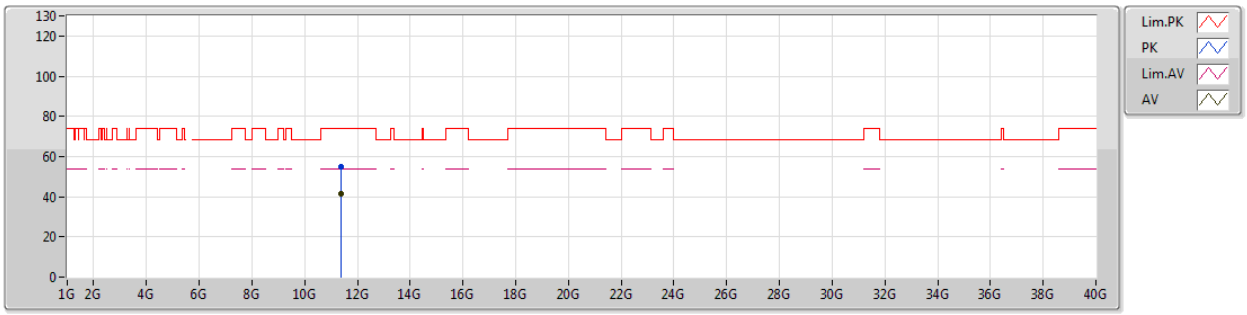
EUT Y_3TX
Setting 64
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.7048G	110.78	Inf	-Inf	6.84	3	Horizontal	332	1.79	-
AV	5.7054G	101.37	Inf	-Inf	6.84	3	Horizontal	332	1.79	-
PK	5.7252G	65.42	74.00	-8.58	6.87	3	Horizontal	332	1.79	-
AV	5.775G	52.87	54.00	-1.13	6.91	3	Horizontal	332	1.79	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5700MHz_TX

23/11/2018



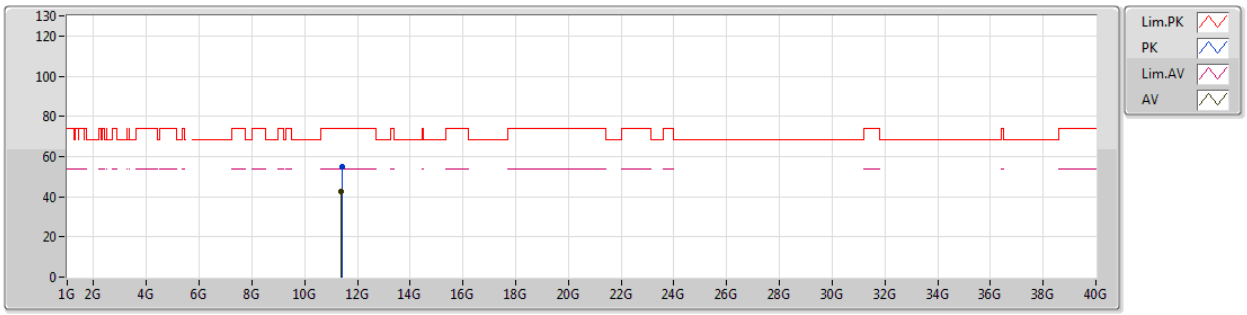
EUT Y_3TX
Setting 64
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.3988G	54.76	74.00	-19.24	14.21	3	Vertical	166	1.50	-
AV	11.3842G	41.73	54.00	-12.27	14.20	3	Vertical	166	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5700MHz_TX

23/11/2018



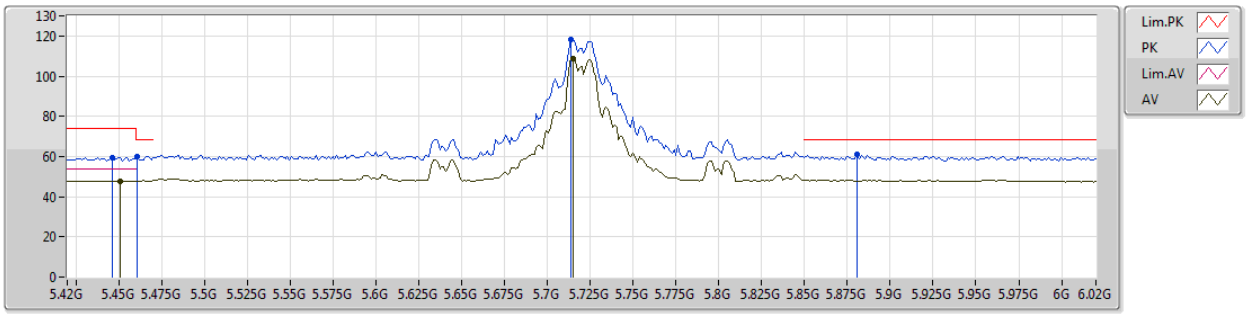
EUT Y_3TX
Setting 64
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.438G	54.65	74.00	-19.35	14.25	3	Horizontal	208	2.22	-
AV	11.3978G	42.34	54.00	-11.66	14.21	3	Horizontal	208	2.22	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5720MHz Straddle 5.47-5.725GHz_TX

23/11/2018



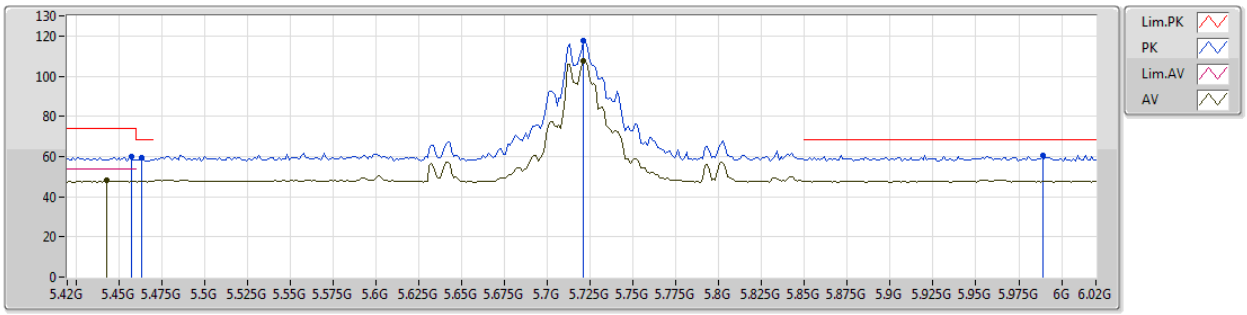
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4464G	59.57	74.00	-14.43	6.62	3	Vertical	3	1.83	-
AV	5.4512G	47.90	54.00	-6.10	6.62	3	Vertical	3	1.83	-
PK	5.4608G	59.99	68.20	-8.21	6.64	3	Vertical	3	1.83	-
PK	5.714G	118.29	Inf	-Inf	6.85	3	Vertical	3	1.83	-
AV	5.7152G	108.84	Inf	-Inf	6.85	3	Vertical	3	1.83	-
PK	5.8808G	60.80	68.20	-7.40	7.02	3	Vertical	3	1.83	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5720MHz Straddle 5.47-5.725GHz_TX

23/11/2018



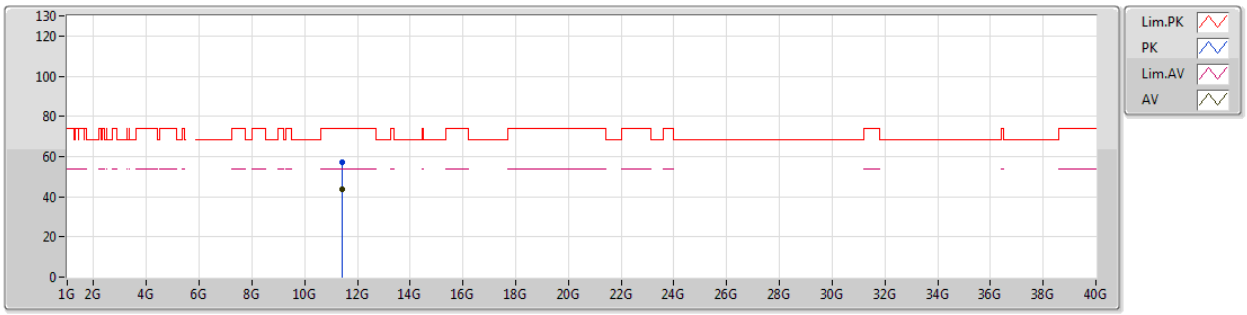
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4572G	59.84	74.00	-14.16	6.63	3	Horizontal	264	1.96	-
AV	5.4428G	47.91	54.00	-6.09	6.62	3	Horizontal	264	1.96	-
PK	5.4632G	59.52	68.20	-8.68	6.64	3	Horizontal	264	1.96	-
PK	5.7212G	117.40	Inf	-Inf	6.85	3	Horizontal	264	1.96	-
AV	5.7212G	107.81	Inf	-Inf	6.85	3	Horizontal	264	1.96	-
PK	5.9888G	60.27	68.20	-7.93	7.10	3	Horizontal	264	1.96	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5720MHz Straddle 5.47-5.725GHz_TX

23/11/2018



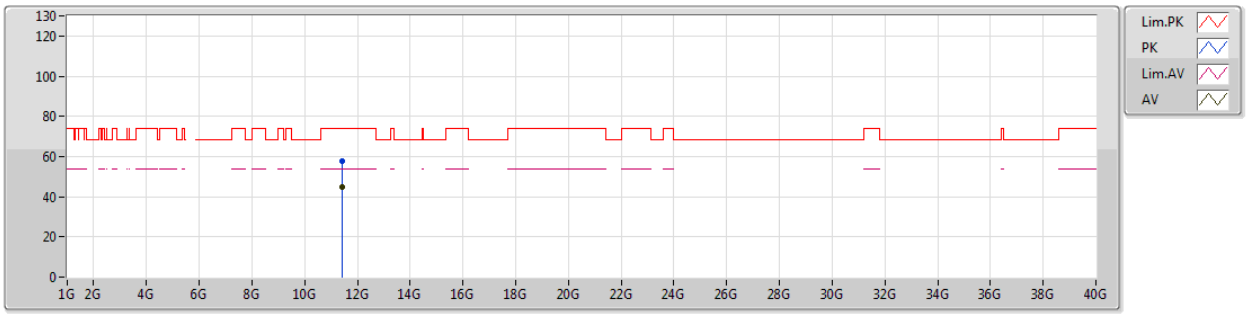
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.4382G	57.34	74.00	-16.66	14.25	3	Vertical	268	2.14	-
AV	11.439G	43.93	54.00	-10.07	14.25	3	Vertical	268	2.14	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5720MHz Straddle 5.47-5.725GHz_TX

23/11/2018



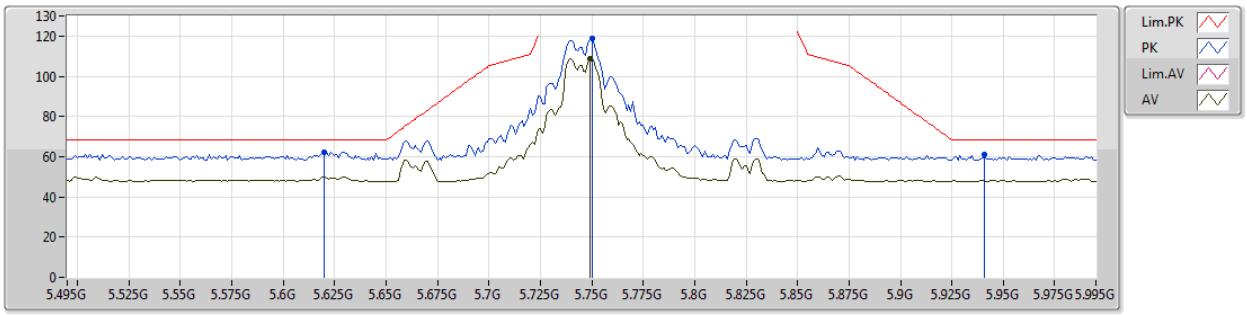
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.4372G	57.96	74.00	-16.04	14.25	3	Horizontal	207	2.24	-
AV	11.4382G	44.77	54.00	-9.23	14.25	3	Horizontal	207	2.24	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5745MHz_TX

23/11/2018



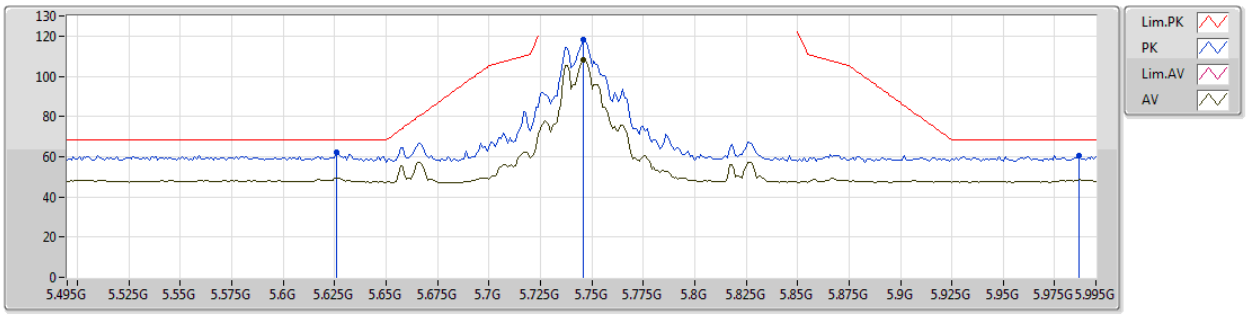
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.62G	62.37	68.20	-5.83	6.73	3	Vertical	14	1.89	-
PK	5.75G	118.88	Inf	-Inf	6.88	3	Vertical	14	1.89	-
AV	5.749G	108.80	Inf	-Inf	6.89	3	Vertical	14	1.89	-
PK	5.941G	60.81	68.20	-7.39	7.07	3	Vertical	14	1.89	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5745MHz_TX

23/11/2018



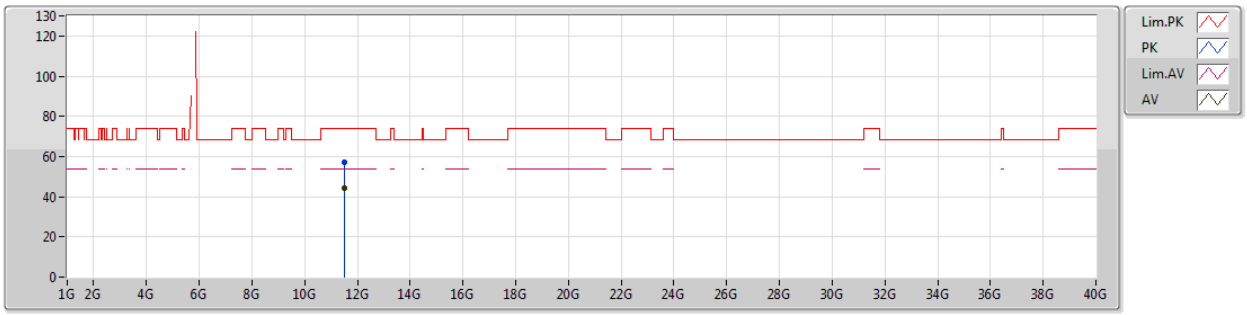
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.626G	62.18	68.20	-6.02	6.75	3	Horizontal	265	2.14	-
PK	5.746G	118.02	Inf	-Inf	6.89	3	Horizontal	265	2.14	-
AV	5.746G	108.41	Inf	-Inf	6.89	3	Horizontal	265	2.14	-
PK	5.987G	60.50	68.20	-7.70	7.10	3	Horizontal	265	2.14	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5745MHz_TX

23/11/2018



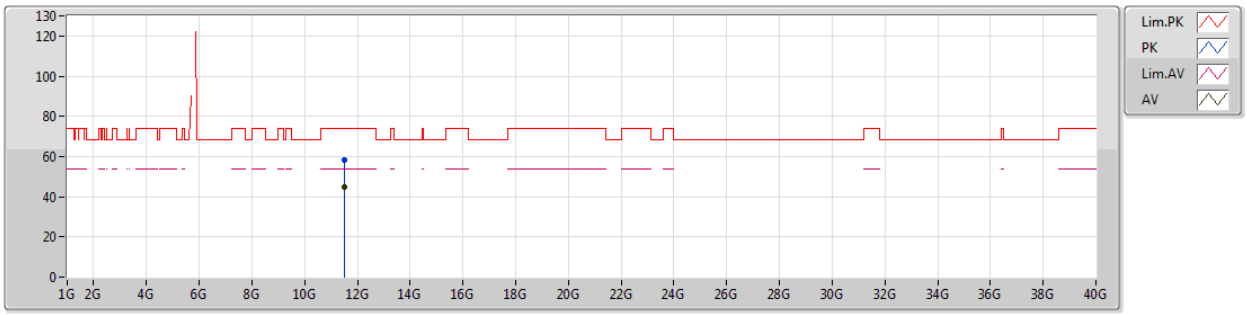
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.4882G	57.36	74.00	-16.64	14.30	3	Vertical	265	2.18	-
AV	11.4894G	44.06	54.00	-9.94	14.30	3	Vertical	265	2.18	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5745MHz_TX

23/11/2018



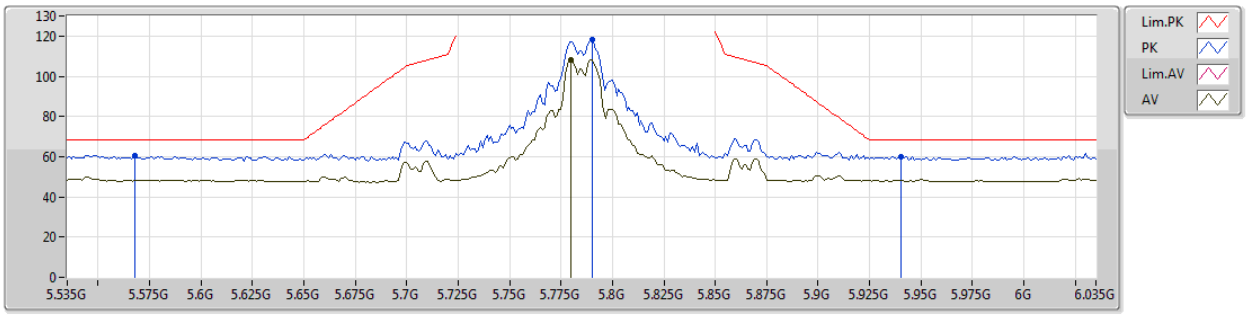
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.4982G	58.03	74.00	-15.97	14.31	3	Horizontal	206	2.23	-
AV	11.4878G	45.10	54.00	-8.90	14.30	3	Horizontal	206	2.23	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5785MHz_TX

23/11/2018



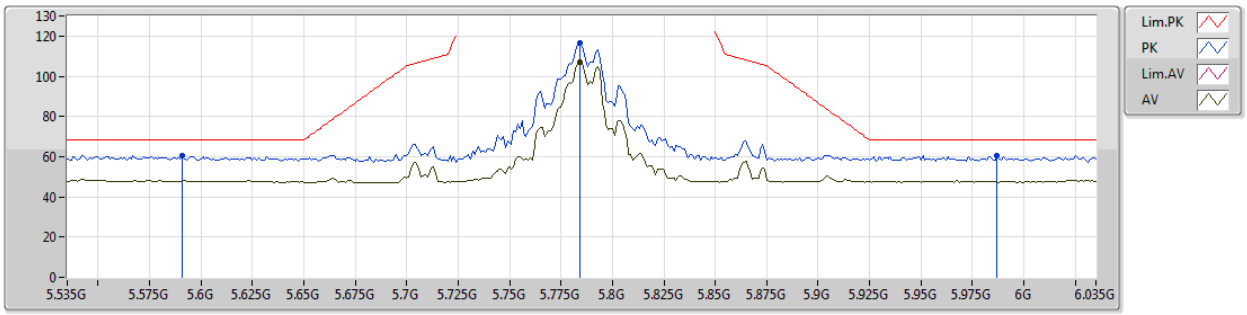
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.568G	60.31	68.20	-7.89	6.70	3	Vertical	11	1.82	-
PK	5.79G	117.98	Inf	-Inf	6.94	3	Vertical	11	1.82	-
AV	5.78G	108.36	Inf	-Inf	6.93	3	Vertical	11	1.82	-
PK	5.94G	60.17	68.20	-8.03	7.07	3	Vertical	11	1.82	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5785MHz_TX

23/11/2018



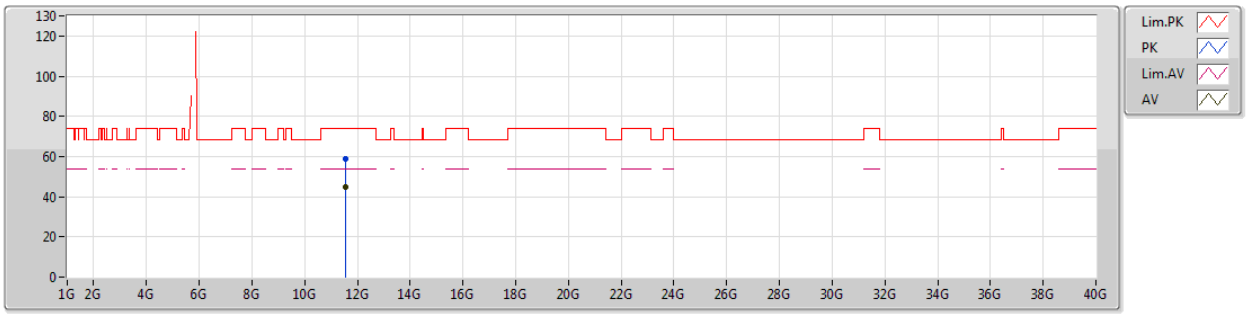
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.591G	60.49	68.20	-7.71	6.71	3	Horizontal	283	2.04	-
PK	5.784G	116.48	Inf	-Inf	6.93	3	Horizontal	283	2.04	-
AV	5.784G	106.83	Inf	-Inf	6.93	3	Horizontal	283	2.04	-
PK	5.987G	60.33	68.20	-7.87	7.10	3	Horizontal	283	2.04	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5785MHz_TX

23/11/2018



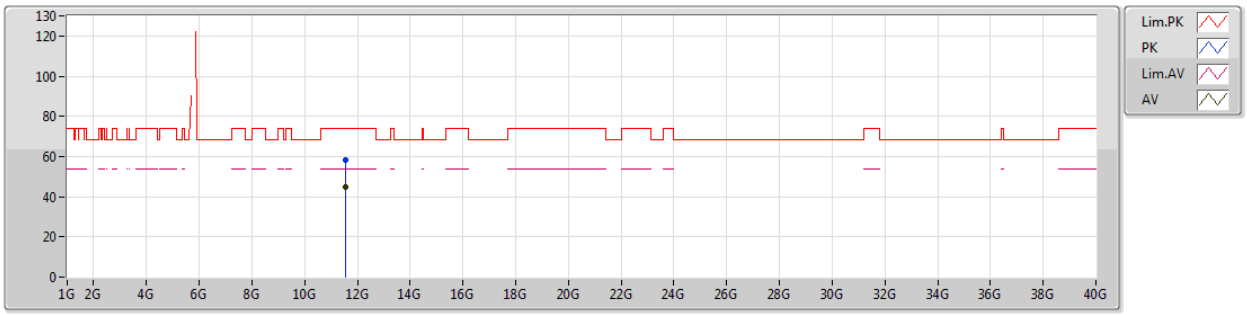
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.57G	58.63	74.00	-15.37	14.40	3	Vertical	261	2.58	-
AV	11.5692G	45.02	54.00	-8.98	14.39	3	Vertical	261	2.58	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5785MHz_TX

23/11/2018



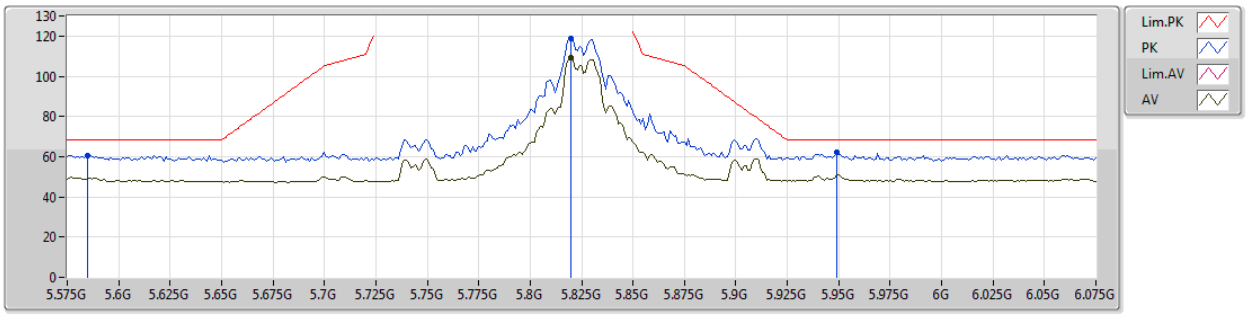
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.5698G	58.06	74.00	-15.94	14.40	3	Horizontal	259	2.15	-
AV	11.5704G	44.84	54.00	-9.16	14.40	3	Horizontal	259	2.15	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5825MHz_TX

23/11/2018



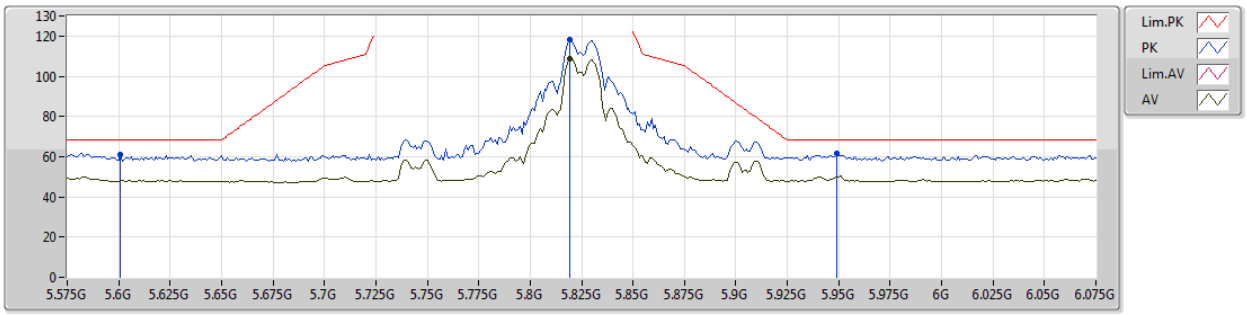
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.585G	60.76	68.20	-7.44	6.71	3	Vertical	12	1.85	-
PK	5.82G	118.71	Inf	-Inf	6.96	3	Vertical	12	1.85	-
AV	5.82G	109.23	Inf	-Inf	6.96	3	Vertical	12	1.85	-
PK	5.949G	62.01	68.20	-6.19	7.07	3	Vertical	12	1.85	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5825MHz_TX

23/11/2018



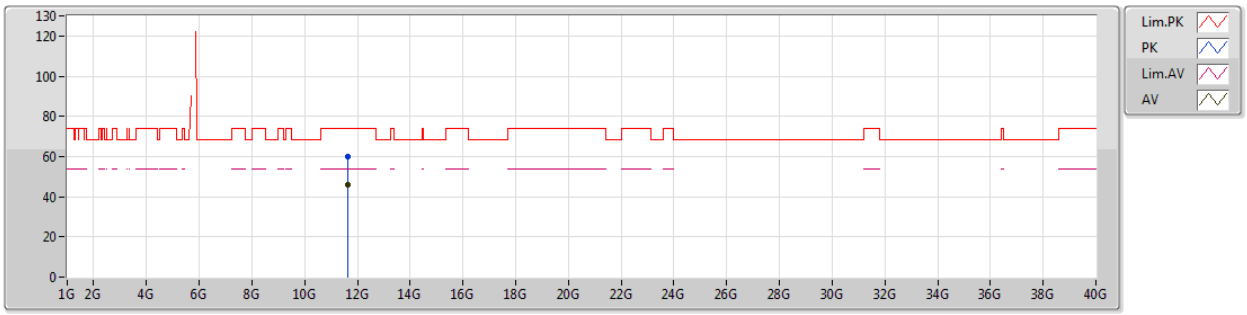
EUT Y_3TX
Setting 100
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.601G	60.81	68.20	-7.39	6.71	3	Horizontal	328	2.02	-
PK	5.819G	117.96	Inf	-Inf	6.96	3	Horizontal	328	2.02	-
AV	5.819G	108.53	Inf	-Inf	6.96	3	Horizontal	328	2.02	-
PK	5.949G	61.51	68.20	-6.69	7.07	3	Horizontal	328	2.02	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5825MHz_TX

23/11/2018



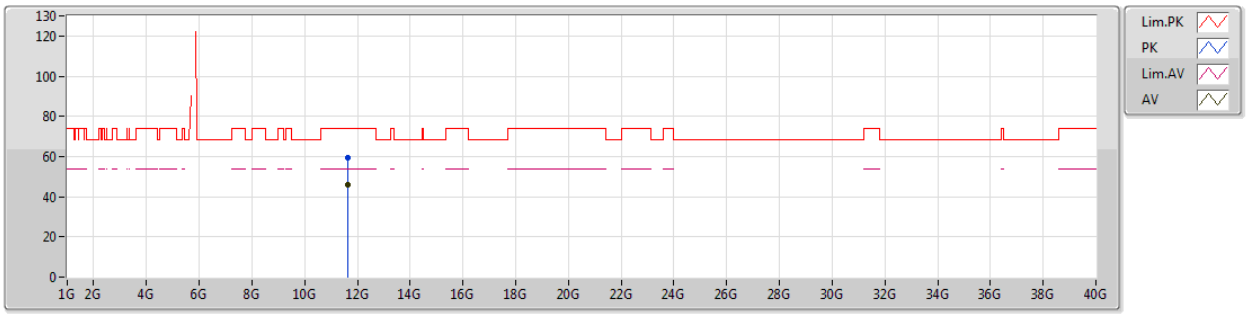
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.6502G	60.19	74.00	-13.81	14.47	3	Vertical	251	2.13	-
AV	11.65G	45.76	54.00	-8.24	14.47	3	Vertical	251	2.13	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5825MHz_TX

23/11/2018



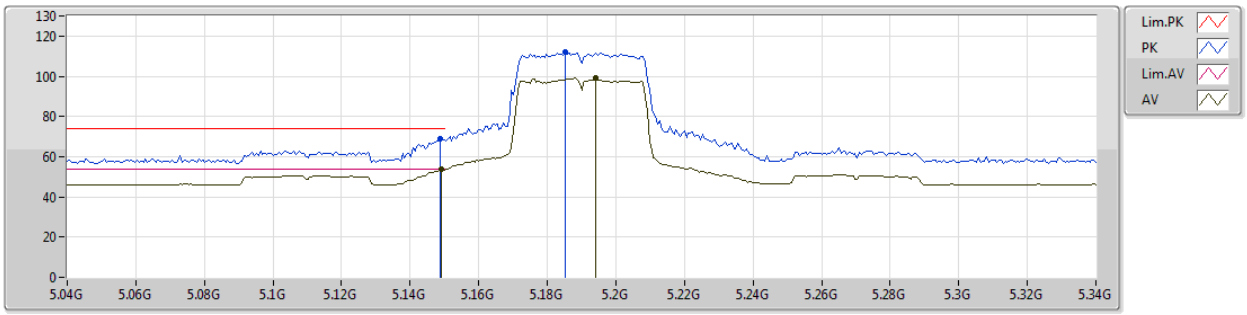
EUT Y_3TX
Setting 100
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.647G	59.43	74.00	-14.57	14.47	3	Horizontal	203	2.18	-
AV	11.6478G	46.21	54.00	-7.79	14.47	3	Horizontal	203	2.18	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5190MHz_TX

22/11/2018



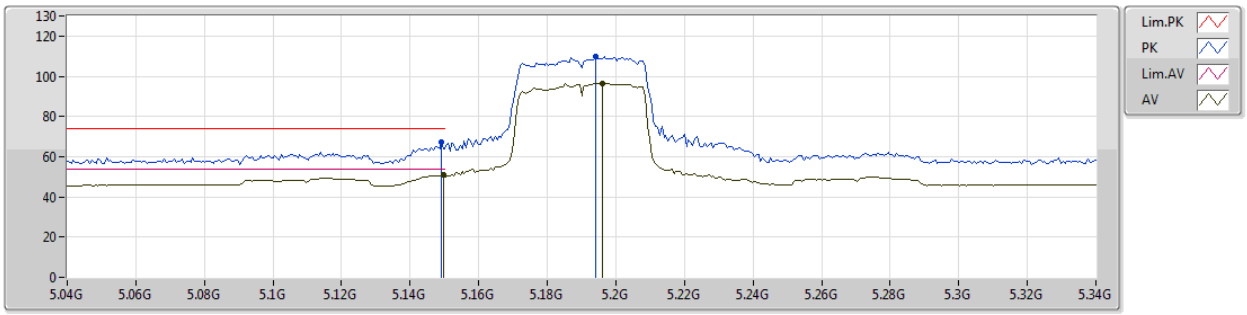
EUT Y_3TX
Setting 63
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1486G	69.10	74.00	-4.90	5.87	3	Vertical	175	1.78	-
AV	5.1492G	53.93	54.00	-0.07	5.87	3	Vertical	175	1.78	-
PK	5.1852G	112.03	Inf	-Inf	5.95	3	Vertical	175	1.78	-
AV	5.1942G	99.07	Inf	-Inf	5.98	3	Vertical	175	1.78	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5190MHz_TX

22/11/2018



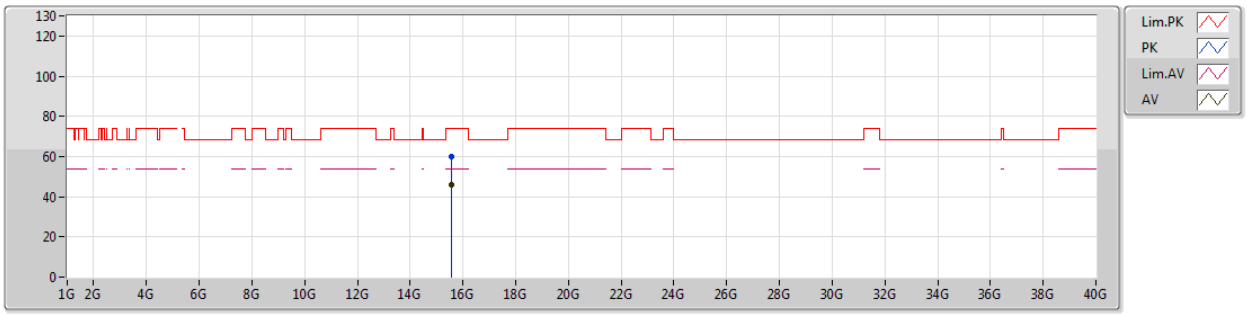
EUT Y_3TX
Setting 63
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1492G	67.16	74.00	-6.84	5.87	3	Horizontal	332	2.17	-
AV	5.1498G	50.79	54.00	-3.21	5.87	3	Horizontal	332	2.17	-
PK	5.1942G	109.73	Inf	-Inf	5.98	3	Horizontal	332	2.17	-
AV	5.196G	96.54	Inf	-Inf	5.98	3	Horizontal	332	2.17	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5190MHz_TX

22/11/2018



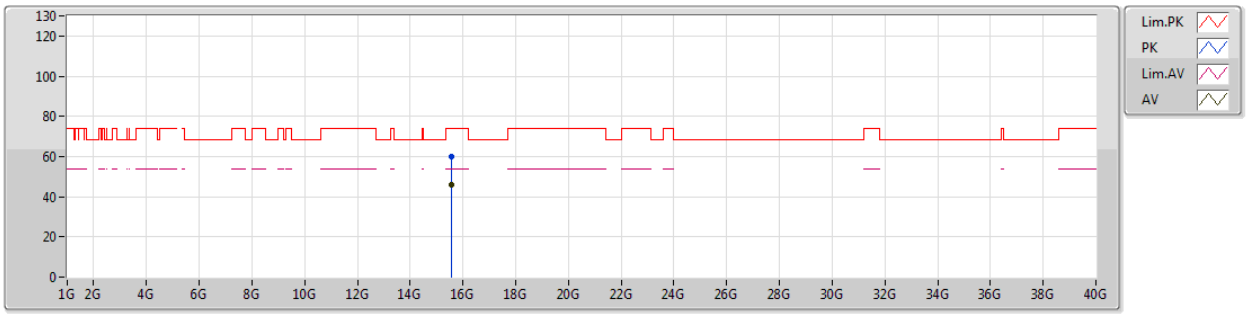
EUT Y_3TX
Setting 63
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.57152G	60.22	74.00	-13.78	15.42	3	Vertical	132	1.50	-
AV	15.57328G	46.07	54.00	-7.93	15.41	3	Vertical	132	1.50	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5190MHz_TX

22/11/2018



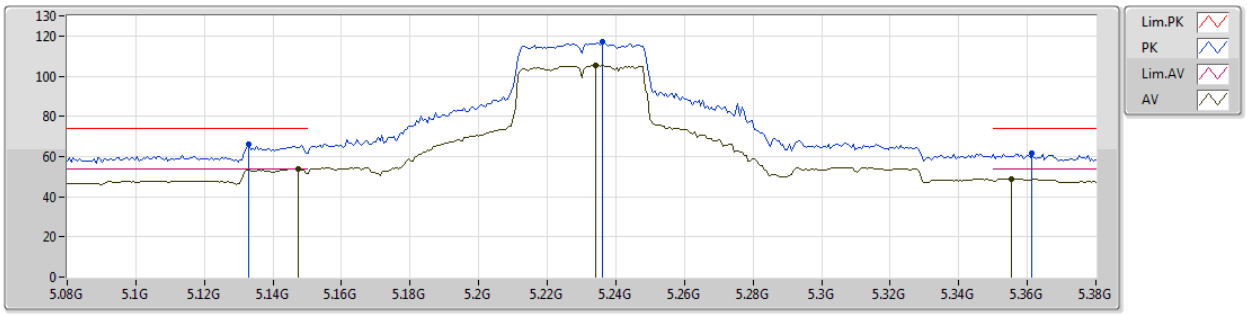
EUT Y_3TX
Setting 63
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.56522G	59.90	74.00	-14.10	15.43	3	Horizontal	267	1.50	-
AV	15.57296G	46.09	54.00	-7.91	15.42	3	Horizontal	267	1.50	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5230MHz_TX

22/11/2018



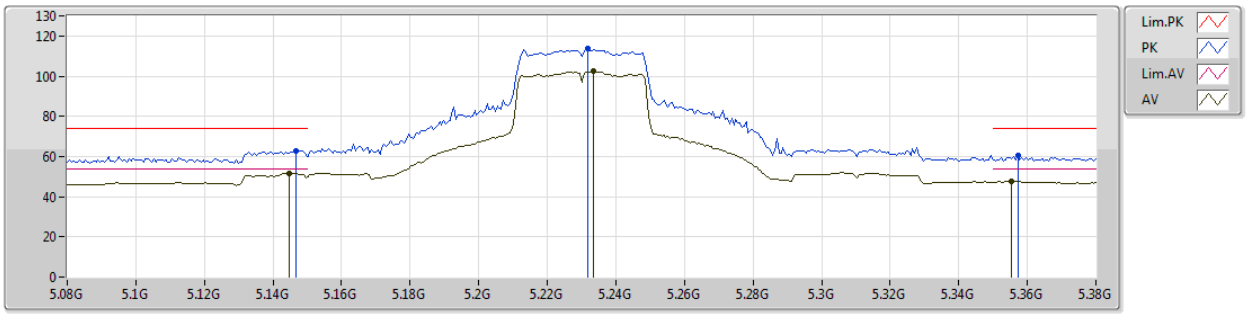
EUT Y_3TX
Setting 83
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1328G	66.37	74.00	-7.63	5.83	3	Vertical	174	1.91	-
AV	5.1472G	53.81	54.00	-0.19	5.86	3	Vertical	174	1.91	-
PK	5.236G	117.04	Inf	-Inf	6.09	3	Vertical	174	1.91	-
AV	5.2342G	105.38	Inf	-Inf	6.09	3	Vertical	174	1.91	-
PK	5.3614G	61.74	74.00	-12.26	6.44	3	Vertical	174	1.91	-
AV	5.3554G	48.78	54.00	-5.22	6.42	3	Vertical	174	1.91	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5230MHz_TX

22/11/2018



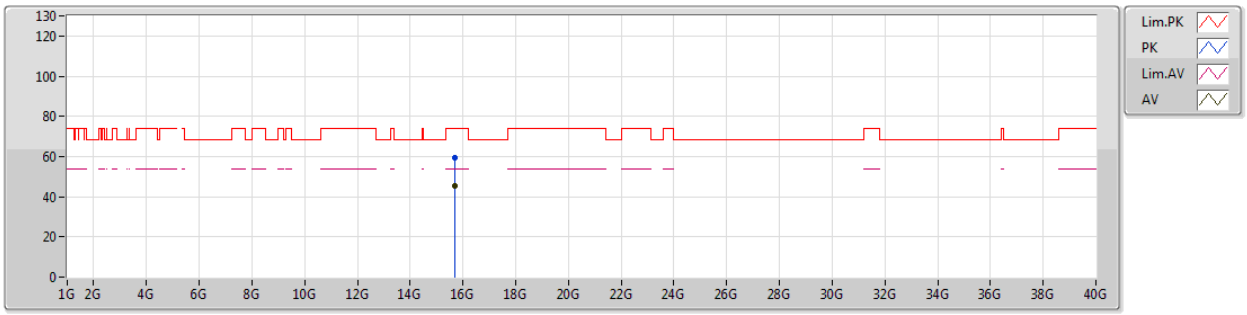
EUT Y_3TX
Setting 83
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1466G	62.75	74.00	-11.25	5.86	3	Horizontal	103	2.03	-
AV	5.1448G	51.41	54.00	-2.59	5.86	3	Horizontal	103	2.03	-
PK	5.2318G	114.03	Inf	-Inf	6.08	3	Horizontal	103	2.03	-
AV	5.2336G	102.37	Inf	-Inf	6.09	3	Horizontal	103	2.03	-
PK	5.3572G	60.41	74.00	-13.59	6.42	3	Horizontal	103	2.03	-
AV	5.3554G	47.69	54.00	-6.31	6.42	3	Horizontal	103	2.03	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5230MHz_TX

22/11/2018



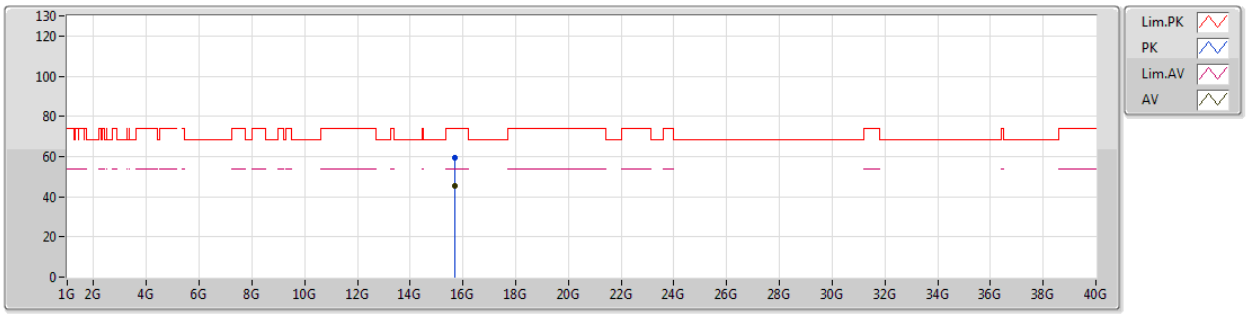
EUT Y_3TX
Setting 83
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.68734G	59.31	74.00	-14.69	15.00	3	Vertical	284	1.56	-
AV	15.68724G	45.43	54.00	-8.57	15.00	3	Vertical	284	1.56	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5230MHz_TX

22/11/2018



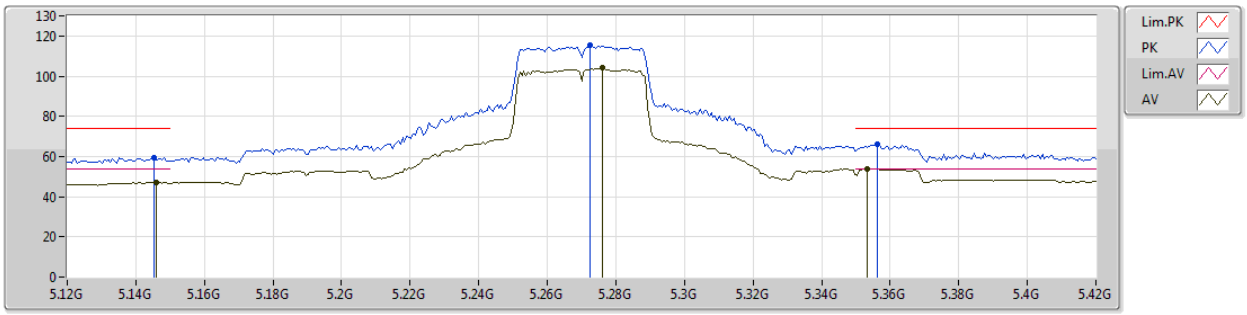
EUT Y_3TX
Setting 83
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.6851G	59.24	74.00	-14.76	15.00	3	Horizontal	246	2.24	-
AV	15.68624G	45.37	54.00	-8.63	15.00	3	Horizontal	246	2.24	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5270MHz_TX

22/11/2018



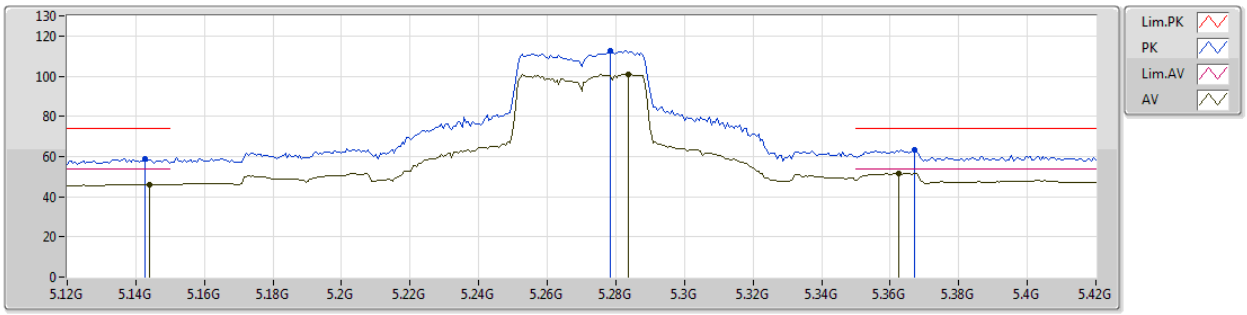
EUT Y_3TX
Setting 75
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1452G	59.51	74.00	-14.49	5.86	3	Vertical	173	1.83	-
AV	5.1458G	47.13	54.00	-6.87	5.86	3	Vertical	173	1.83	-
PK	5.2724G	115.33	Inf	-Inf	6.20	3	Vertical	173	1.83	-
AV	5.276G	104.02	Inf	-Inf	6.21	3	Vertical	173	1.83	-
PK	5.3564G	65.97	74.00	-8.03	6.42	3	Vertical	173	1.83	-
AV	5.3534G	53.81	54.00	-0.19	6.42	3	Vertical	173	1.83	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5270MHz_TX

22/11/2018



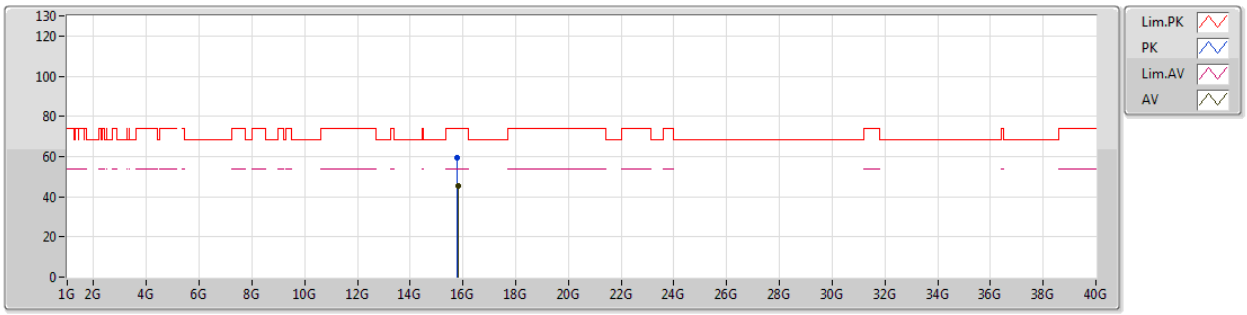
EUT Y_3TX
Setting 75
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1428G	58.85	74.00	-15.15	5.85	3	Horizontal	322	2.17	-
AV	5.144G	46.21	54.00	-7.79	5.86	3	Horizontal	322	2.17	-
PK	5.2784G	112.86	Inf	-Inf	6.22	3	Horizontal	322	2.17	-
AV	5.2838G	101.14	Inf	-Inf	6.23	3	Horizontal	322	2.17	-
PK	5.3672G	63.22	74.00	-10.78	6.45	3	Horizontal	322	2.17	-
AV	5.3624G	51.75	54.00	-2.25	6.44	3	Horizontal	322	2.17	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5270MHz_TX

22/11/2018



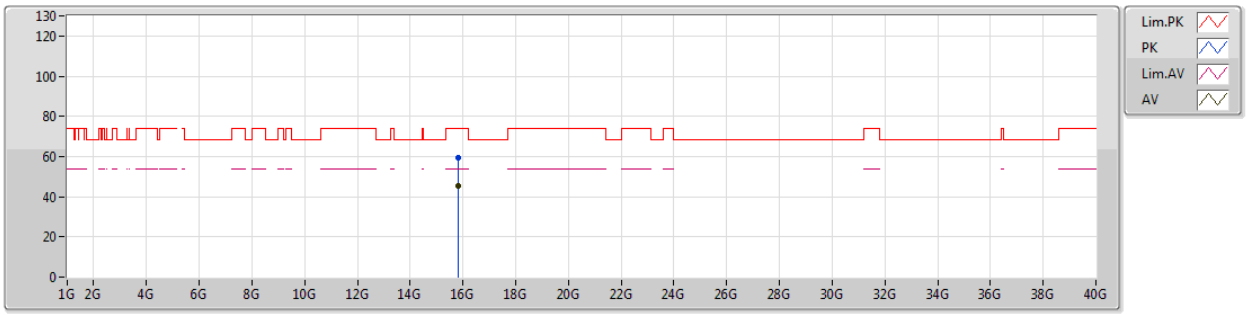
EUT Y_3TX
Setting 75
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.79794G	59.22	74.00	-14.78	14.61	3	Vertical	66	1.16	-
AV	15.8034G	45.56	54.00	-8.44	14.59	3	Vertical	66	1.16	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5270MHz_TX

22/11/2018



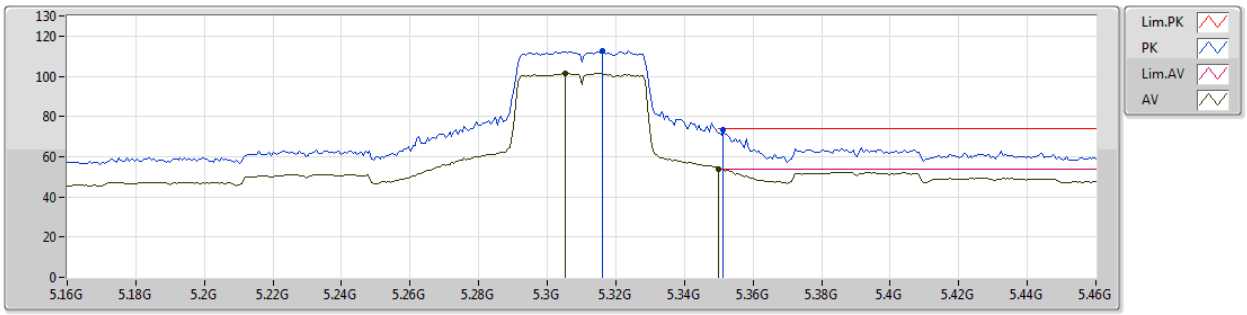
EUT Y_3TX
Setting 75
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.81564G	59.48	74.00	-14.52	14.54	3	Horizontal	83	1.50	-
AV	15.80334G	45.63	54.00	-8.37	14.59	3	Horizontal	83	1.50	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5310MHz_TX

22/11/2018



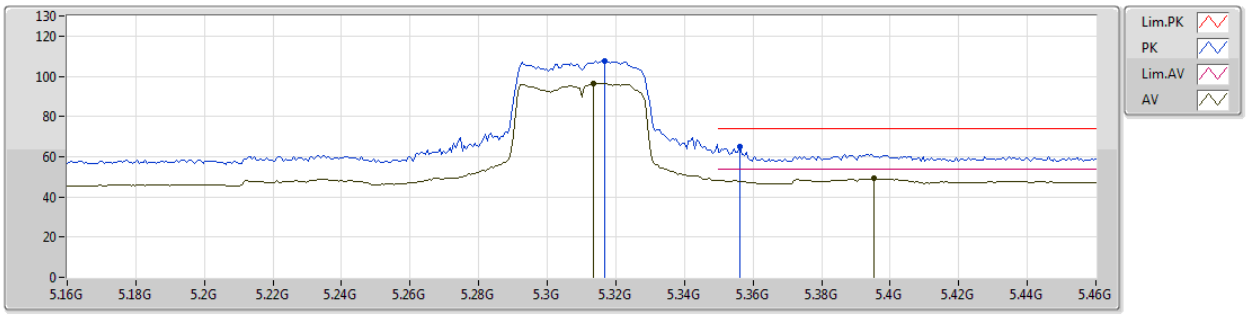
EUT Y_3TX
Setting 66
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.316G	112.69	Inf	-Inf	6.32	3	Vertical	176	1.87	-
AV	5.3052G	101.42	Inf	-Inf	6.29	3	Vertical	176	1.87	-
PK	5.3514G	73.19	74.00	-0.81	6.41	3	Vertical	176	1.87	-
AV	5.35G	53.86	54.00	-0.14	6.41	3	Vertical	176	1.87	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5310MHz_TX

22/11/2018



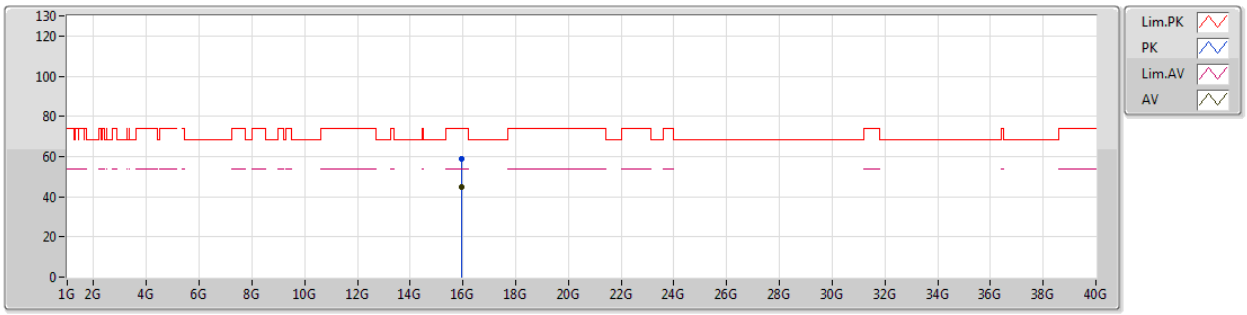
EUT Y_3TX
Setting 66
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3166G	107.59	Inf	-Inf	6.32	3	Horizontal	101	2.80	-
AV	5.3136G	96.47	Inf	-Inf	6.31	3	Horizontal	101	2.80	-
PK	5.3562G	65.00	74.00	-9.00	6.42	3	Horizontal	101	2.80	-
AV	5.3952G	49.21	54.00	-4.79	6.53	3	Horizontal	101	2.80	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5310MHz_TX

22/11/2018



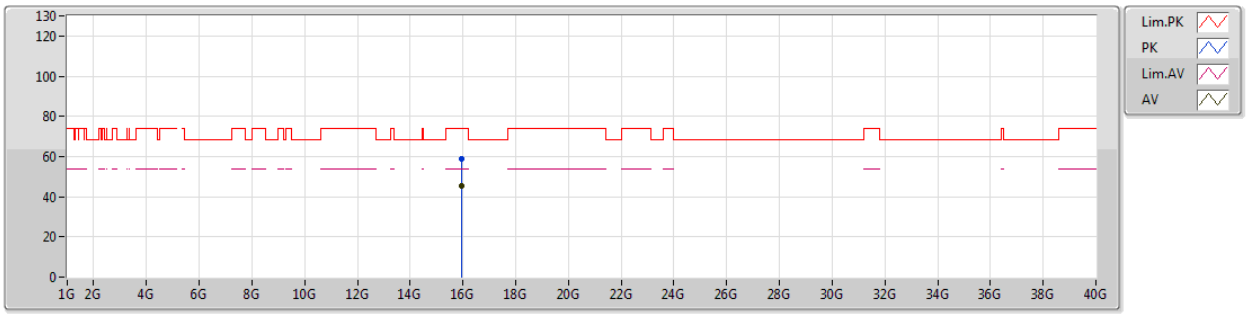
EUT Y_3TX
Setting 66
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.93648G	58.80	74.00	-15.20	14.11	3	Vertical	134	1.37	-
AV	15.94428G	44.96	54.00	-9.04	14.09	3	Vertical	134	1.37	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5310MHz_TX

22/11/2018



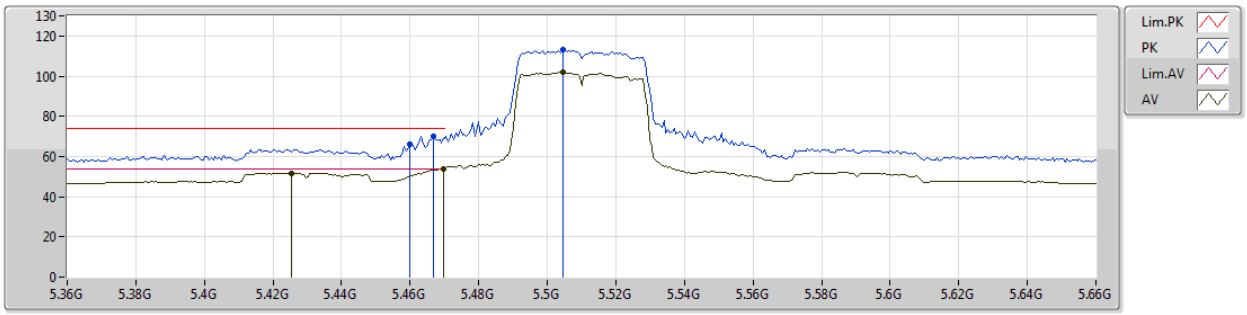
EUT Y_3TX
Setting 66
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.93924G	58.82	74.00	-15.18	14.10	3	Horizontal	284	1.49	-
AV	15.9423G	45.25	54.00	-8.75	14.09	3	Horizontal	284	1.49	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5510MHz_TX

22/11/2018



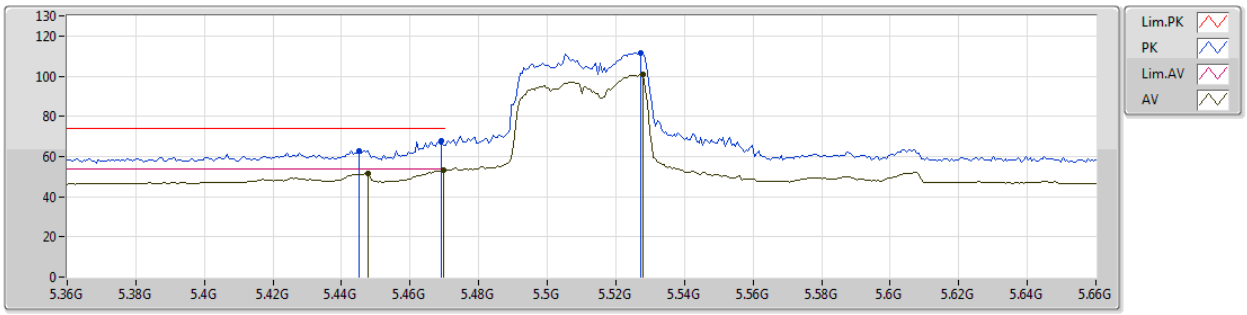
EUT Y_3TX
Setting 66
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.46G	66.01	74.00	-7.99	6.64	3	Vertical	169	1.92	-
AV	5.4254G	51.80	54.00	-2.20	6.59	3	Vertical	169	1.92	-
PK	5.4668G	70.23	74.00	-3.77	6.65	3	Vertical	169	1.92	-
AV	5.4698G	53.78	54.00	-0.22	6.66	3	Vertical	169	1.92	-
PK	5.5046G	113.29	Inf	-Inf	6.71	3	Vertical	169	1.92	-
AV	5.5046G	101.97	Inf	-Inf	6.71	3	Vertical	169	1.92	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5510MHz_TX

22/11/2018



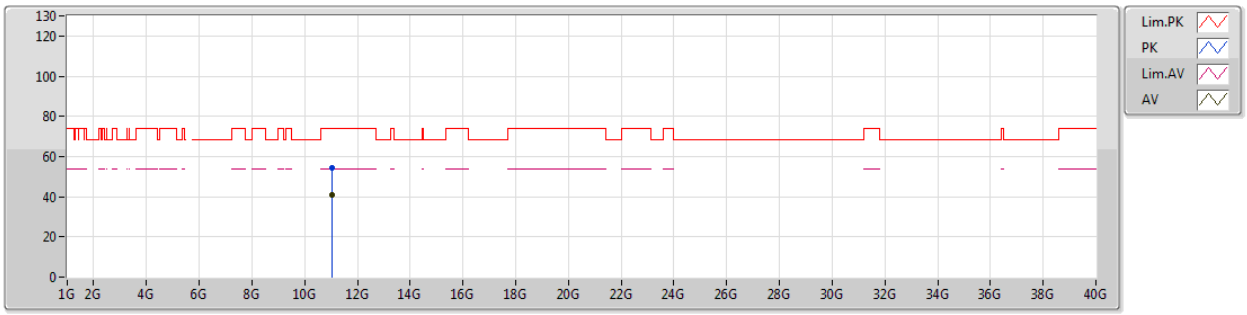
EUT Y_3TX
Setting 66
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4452G	62.96	74.00	-11.04	6.62	3	Horizontal	334	1.84	-
AV	5.4476G	51.53	54.00	-2.47	6.63	3	Horizontal	334	1.84	-
PK	5.4692G	67.66	74.00	-6.34	6.65	3	Horizontal	334	1.84	-
AV	5.4698G	53.37	54.00	-0.63	6.66	3	Horizontal	334	1.84	-
PK	5.5274G	111.75	Inf	-Inf	6.72	3	Horizontal	334	1.84	-
AV	5.528G	100.93	Inf	-Inf	6.72	3	Horizontal	334	1.84	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5510MHz_TX

22/11/2018



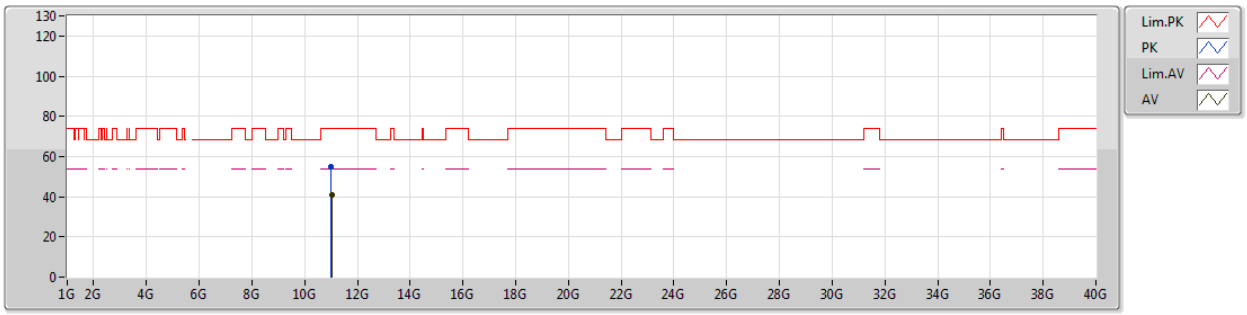
EUT Y_3TX
Setting 66
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.02G	54.52	74.00	-19.48	13.82	3	Vertical	269	1.50	-
AV	11.02024G	40.93	54.00	-13.07	13.82	3	Vertical	269	1.50	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5510MHz_TX

22/11/2018



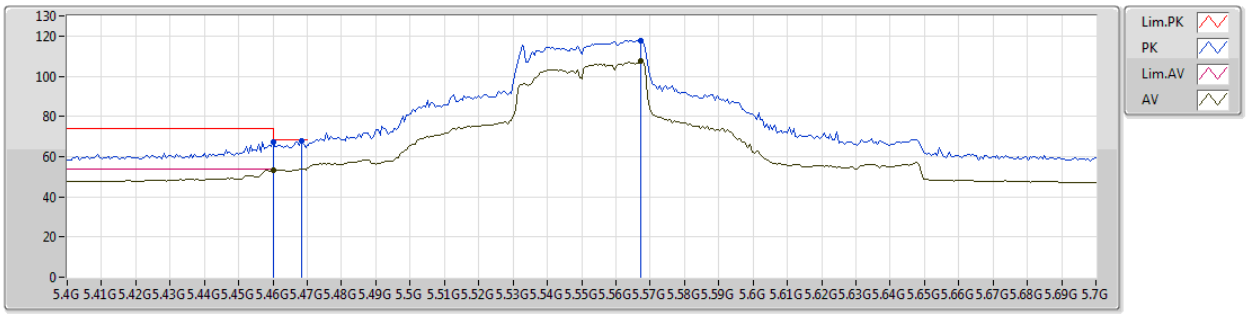
EUT Y_3TX
Setting 66
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.01244G	54.85	74.00	-19.15	13.81	3	Horizontal	203	1.89	-
AV	11.02126G	40.81	54.00	-13.19	13.82	3	Horizontal	203	1.89	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5550MHz_TX

22/11/2018



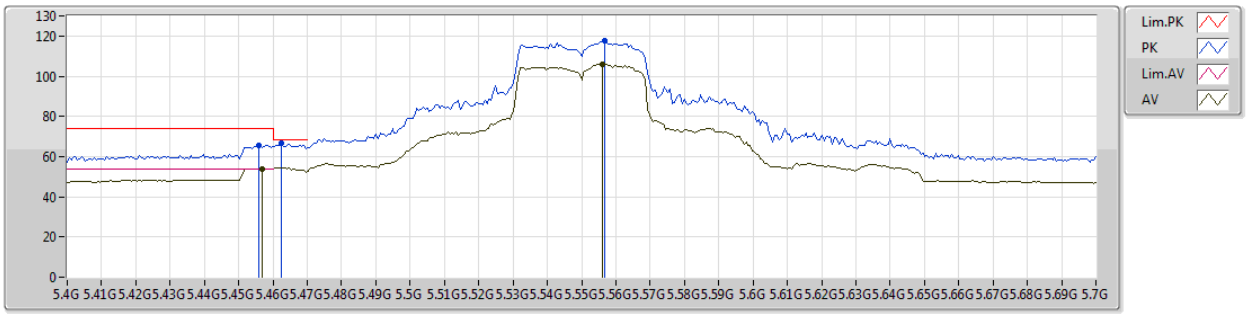
EUT Y_3TX
Setting 90
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.46G	67.08	74.00	-6.92	6.64	3	Vertical	158	2.00	-
AV	5.46G	53.05	54.00	-0.95	6.64	3	Vertical	158	2.00	-
PK	5.4684G	68.02	68.20	-0.18	6.65	3	Vertical	158	2.00	-
PK	5.5674G	117.64	Inf	-Inf	6.70	3	Vertical	158	2.00	-
AV	5.5674G	107.52	Inf	-Inf	6.70	3	Vertical	158	2.00	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5550MHz_TX

22/11/2018



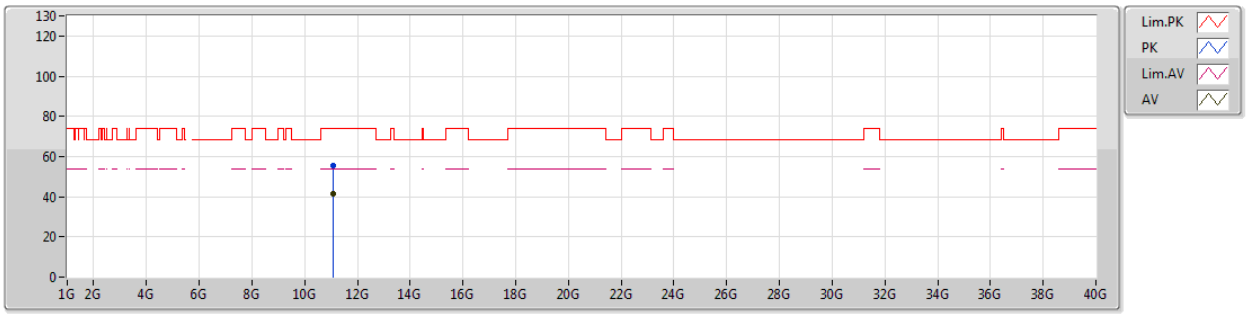
EUT Y_3TX
Setting 90
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4558G	65.49	74.00	-8.51	6.63	3	Horizontal	332	2.08	-
AV	5.457G	53.99	54.00	-0.01	6.63	3	Horizontal	332	2.08	-
PK	5.4624G	66.43	68.20	-1.77	6.64	3	Horizontal	332	2.08	-
PK	5.5566G	117.42	Inf	-Inf	6.70	3	Horizontal	332	2.08	-
AV	5.556G	106.17	Inf	-Inf	6.70	3	Horizontal	332	2.08	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5550MHz_TX

22/11/2018



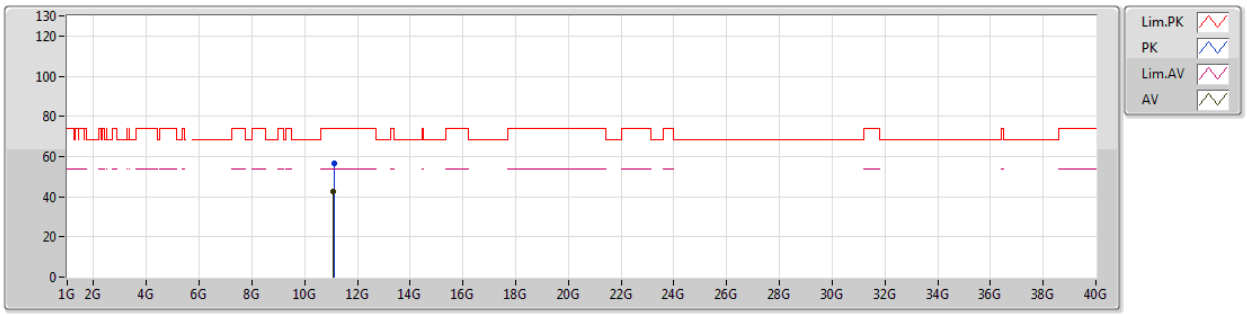
EUT Y_3TX
Setting 90
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.09516G	55.50	74.00	-18.50	13.89	3	Vertical	303	1.58	-
AV	11.09854G	41.20	54.00	-12.80	13.89	3	Vertical	313	1.58	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5550MHz_TX

22/11/2018



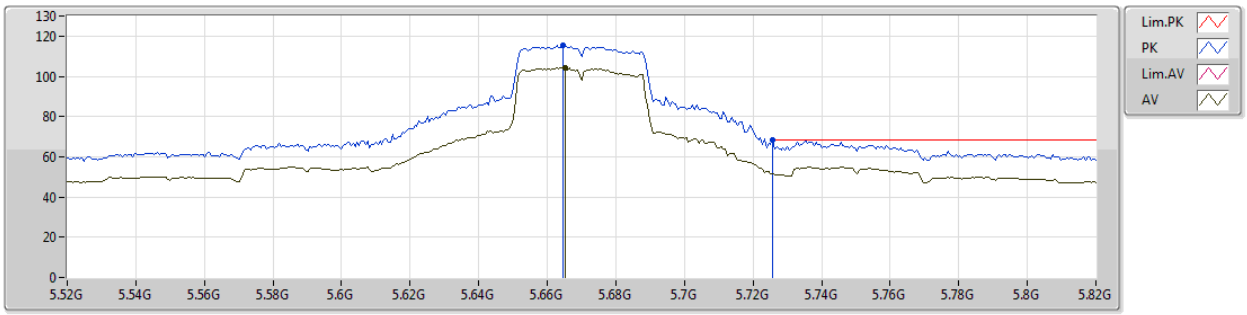
EUT Y_3TX
Setting 90
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.10424G	56.32	74.00	-17.68	13.89	3	Horizontal	214	1.73	-
AV	11.09996G	42.42	54.00	-11.58	13.89	3	Horizontal	214	1.73	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5670MHz_TX

22/11/2018



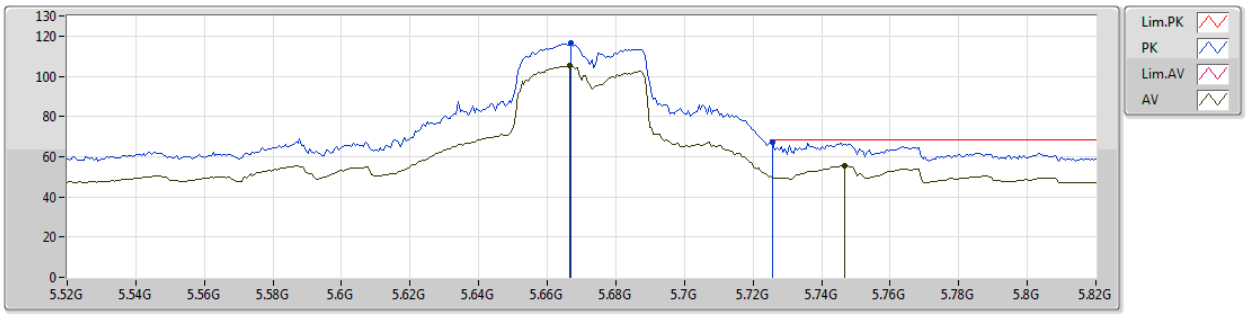
EUT Y_3TX
Setting 82
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6646G	115.59	Inf	-Inf	6.78	3	Vertical	9	1.92	-
AV	5.6652G	104.24	Inf	-Inf	6.78	3	Vertical	9	1.92	-
PK	5.7258G	68.15	68.20	-0.05	6.87	3	Vertical	9	1.92	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5670MHz_TX

22/11/2018



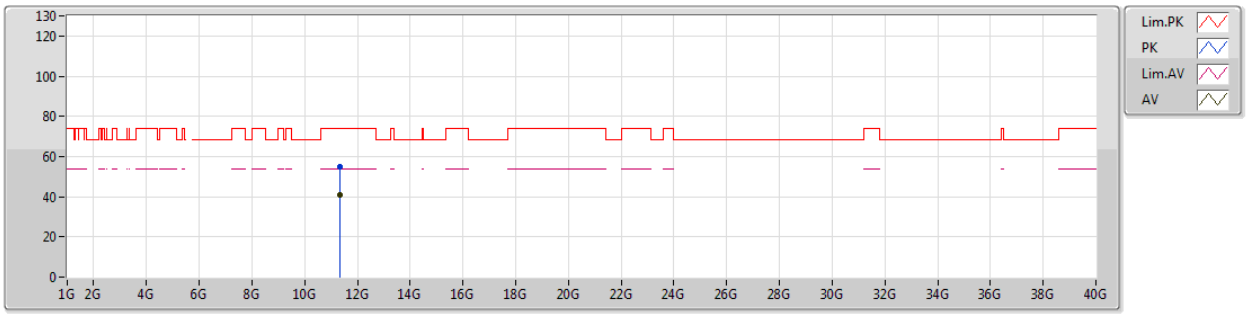
EUT Y_3TX
Setting 82
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.667G	116.49	Inf	-Inf	6.78	3	Horizontal	332	2.05	-
AV	5.6664G	105.18	Inf	-Inf	6.78	3	Horizontal	332	2.05	-
PK	5.7258G	67.41	68.20	-0.79	6.87	3	Horizontal	332	2.05	-
AV	5.7468G	55.49	Inf	-Inf	6.89	3	Horizontal	332	2.05	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5670MHz_TX

22/11/2018



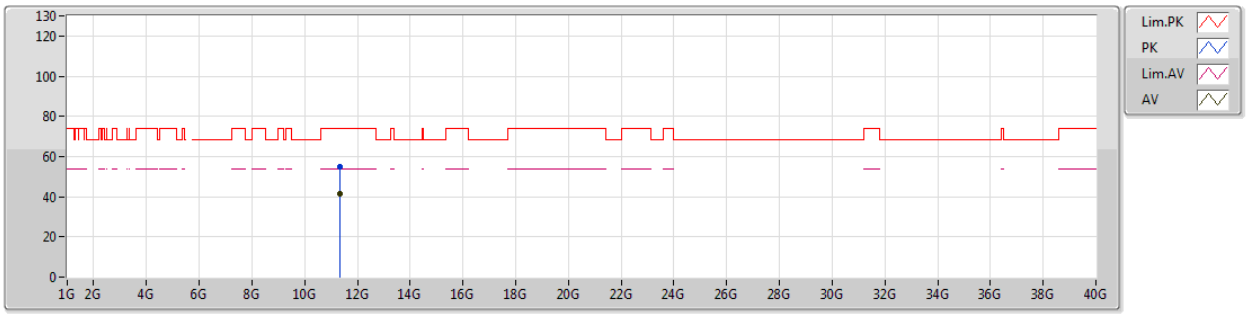
EUT Y_3TX
Setting 82
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.34474G	54.77	74.00	-19.23	14.16	3	Vertical	269	2.61	-
AV	11.33982G	41.16	54.00	-12.84	14.15	3	Vertical	269	2.61	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5670MHz_TX

22/11/2018



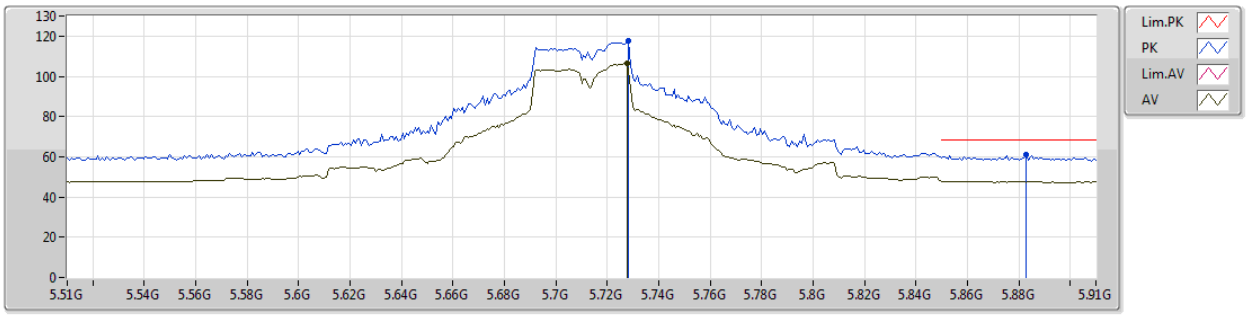
EUT Y_3TX
Setting 82
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.34456G	54.80	74.00	-19.20	14.16	3	Horizontal	206	1.50	-
AV	11.34G	41.41	54.00	-12.59	14.15	3	Horizontal	206	1.50	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5710MHz Straddle 5.47-5.725GHz_TX

22/11/2018



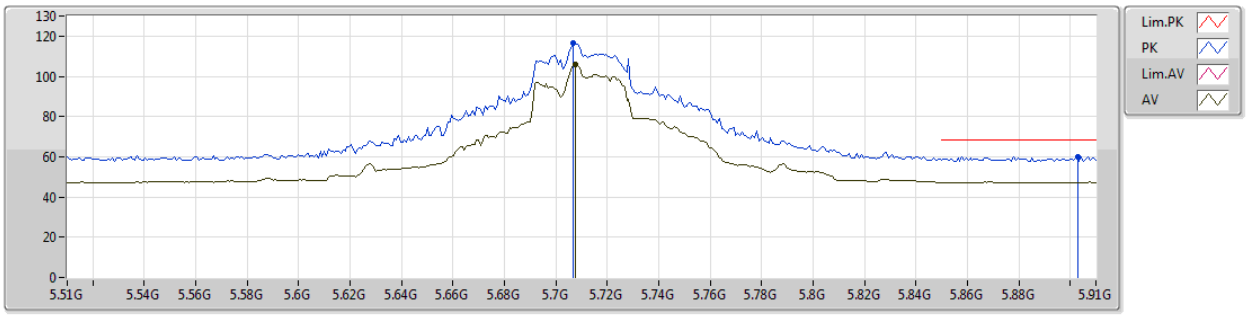
EUT Y_3TX
Setting 100
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.7284G	117.50	Inf	-Inf	6.87	3	Vertical	151	1.75	-
AV	5.7276G	106.71	Inf	-Inf	6.87	3	Vertical	151	1.75	-
PK	5.8828G	61.08	68.20	-7.12	7.02	3	Vertical	151	1.75	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5710MHz Straddle 5.47-5.725GHz_TX

22/11/2018



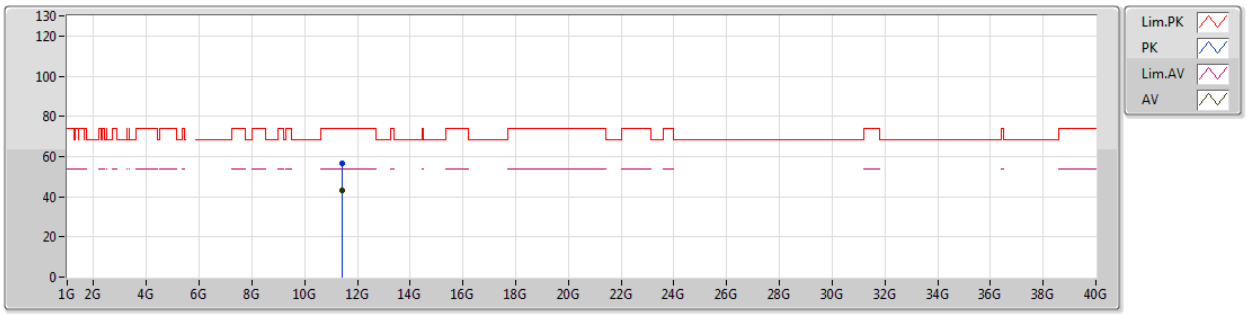
EUT Y_3TX
Setting 100
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.7068G	116.34	Inf	-Inf	6.84	3	Horizontal	284	2.09	-
AV	5.7076G	106.02	Inf	-Inf	6.84	3	Horizontal	284	2.09	-
PK	5.9028G	59.96	68.20	-8.24	7.03	3	Horizontal	284	2.09	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5710MHz Straddle 5.47-5.725GHz_TX

22/11/2018



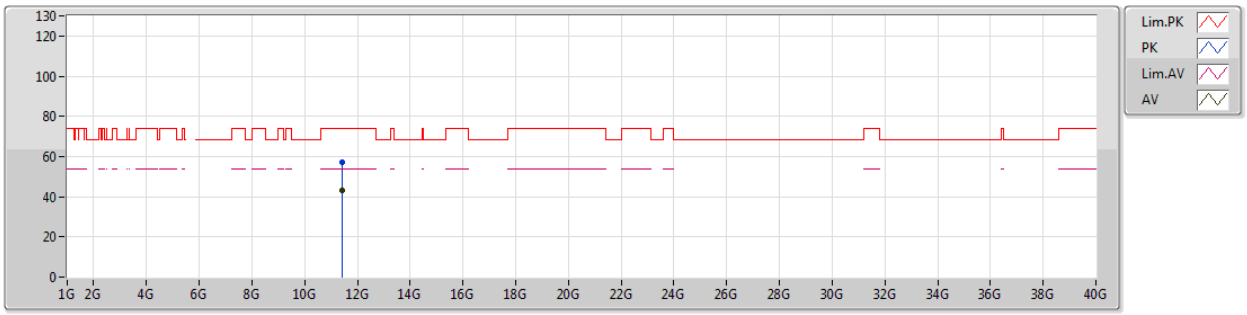
EUT Y_3TX
Setting 100
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.41958G	56.64	74.00	-17.36	14.23	3	Vertical	270	2.19	-
AV	11.4197G	42.91	54.00	-11.09	14.23	3	Vertical	270	2.19	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5710MHz Straddle 5.47-5.725GHz_TX

22/11/2018



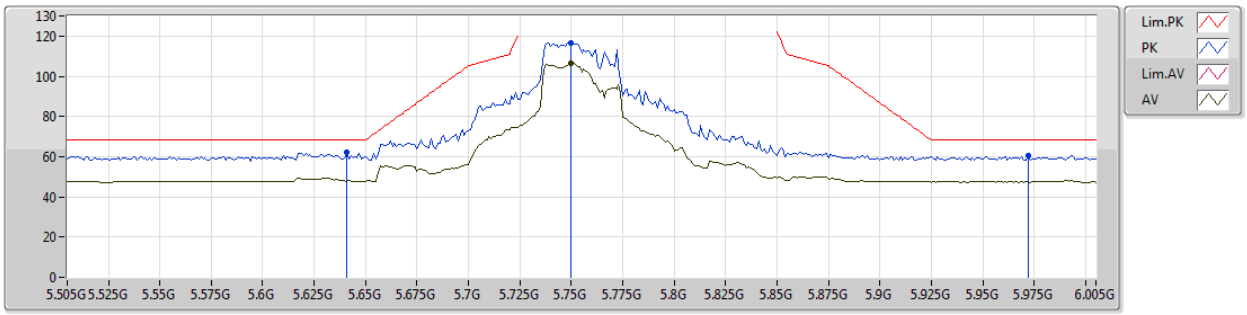
EUT Y_3TX
Setting 100
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.4176G	57.12	74.00	-16.88	14.22	3	Horizontal	201	2.27	-
AV	11.43008G	43.25	54.00	-10.75	14.23	3	Horizontal	201	2.27	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5755MHz_TX

22/11/2018



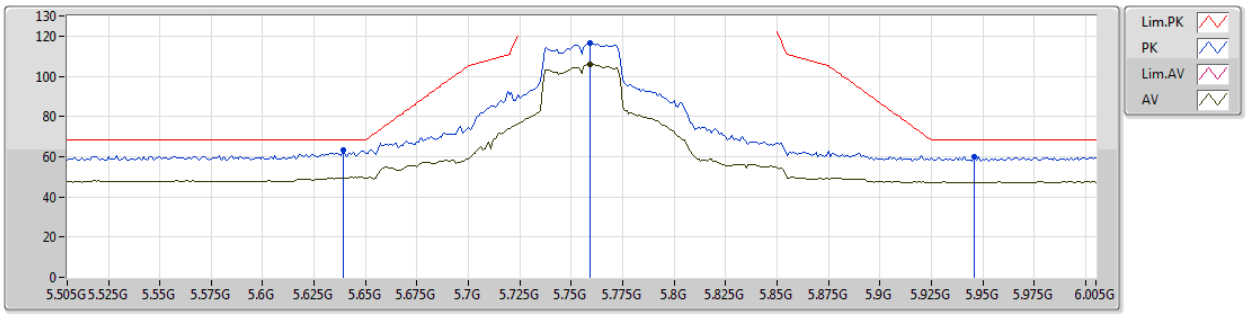
EUT Y_3TX
Setting 100
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.641G	62.33	68.20	-5.87	6.77	3	Vertical	167	2.45	-
PK	5.75G	116.55	Inf	-Inf	6.88	3	Vertical	167	2.45	-
AV	5.75G	106.50	Inf	-Inf	6.88	3	Vertical	167	2.45	-
PK	5.972G	60.77	68.20	-7.43	7.08	3	Vertical	167	2.45	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5755MHz_TX

22/11/2018



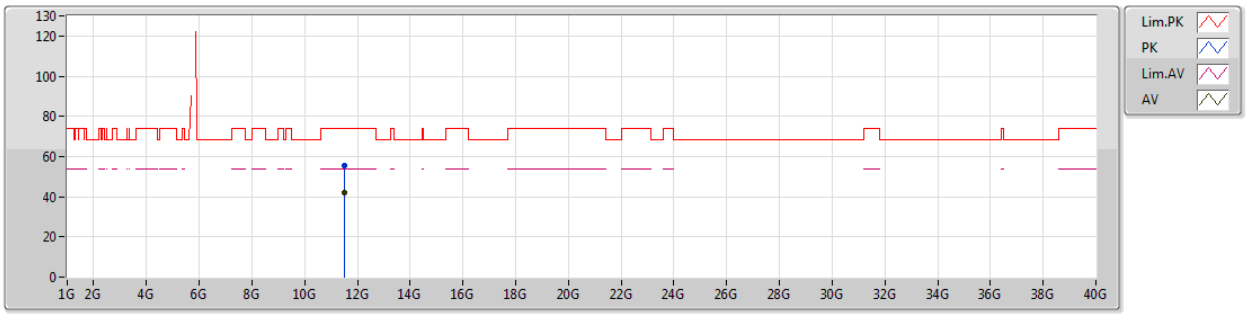
EUT Y_3TX
Setting 100
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.639G	63.13	68.20	-5.07	6.76	3	Horizontal	336	2.00	-
PK	5.759G	116.77	Inf	-Inf	6.89	3	Horizontal	336	2.00	-
AV	5.759G	106.06	Inf	-Inf	6.89	3	Horizontal	336	2.00	-
PK	5.946G	59.87	68.20	-8.33	7.07	3	Horizontal	336	2.00	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5755MHz_TX

22/11/2018



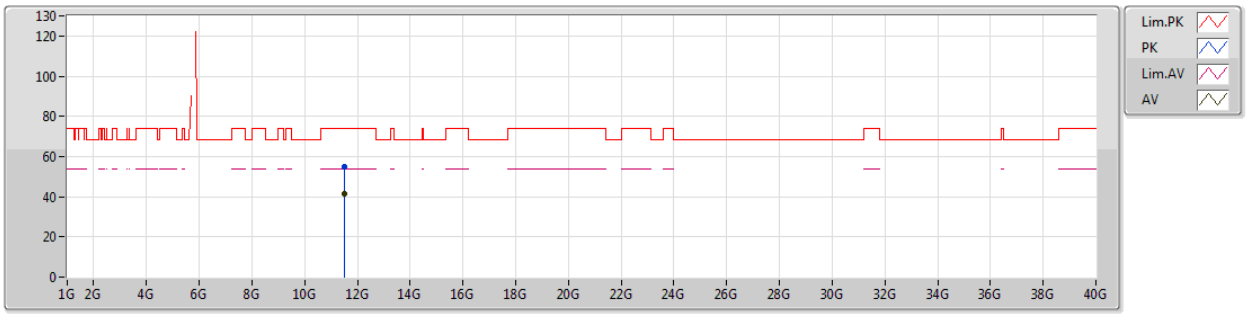
EUT Y_3TX
Setting 100
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.51156G	55.31	74.00	-18.69	14.33	3	Vertical	239	2.12	-
AV	11.50796G	41.79	54.00	-12.21	14.33	3	Vertical	239	2.12	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5755MHz_TX

22/11/2018



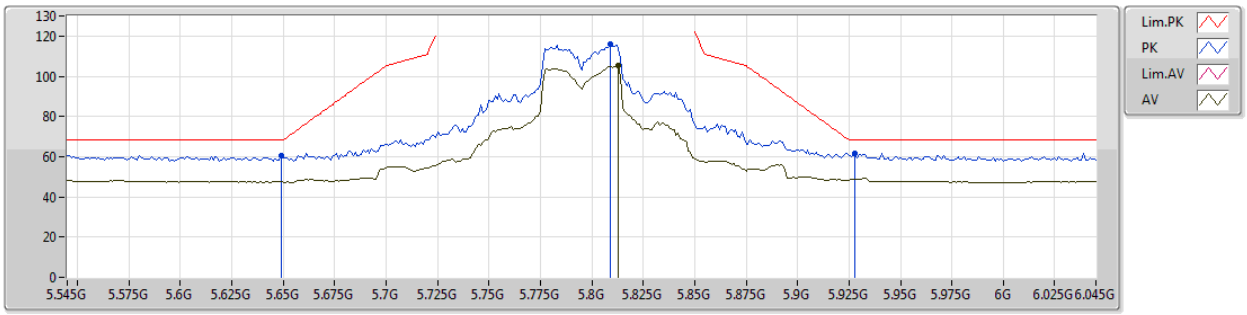
EUT Y_3TX
Setting 100
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.50868G	54.87	74.00	-19.13	14.33	3	Horizontal	239	2.12	-
AV	11.51114G	41.70	54.00	-12.30	14.33	3	Horizontal	239	2.12	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5795MHz_TX

22/11/2018



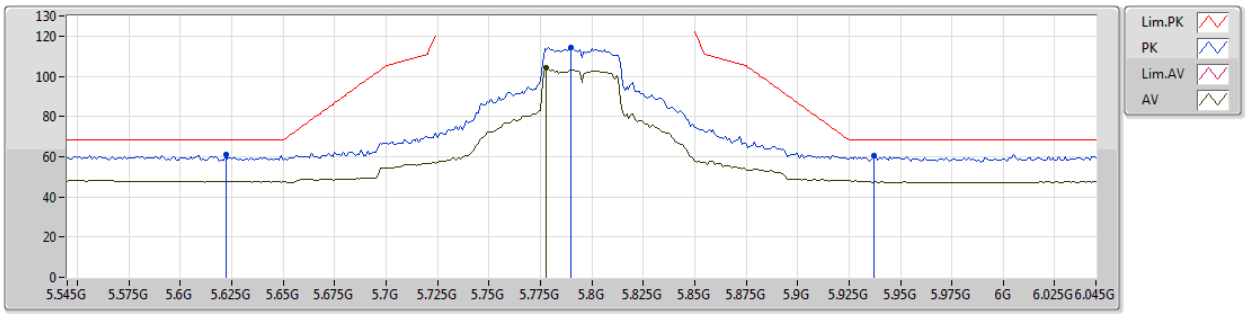
EUT Y_3TX
Setting 100
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.649G	60.67	68.20	-7.53	6.77	3	Vertical	186	2.65	-
PK	5.809G	115.80	Inf	-Inf	6.96	3	Vertical	186	2.65	-
AV	5.813G	105.20	Inf	-Inf	6.96	3	Vertical	186	2.65	-
PK	5.928G	61.55	68.20	-6.65	7.06	3	Vertical	186	2.65	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5795MHz_TX

22/11/2018



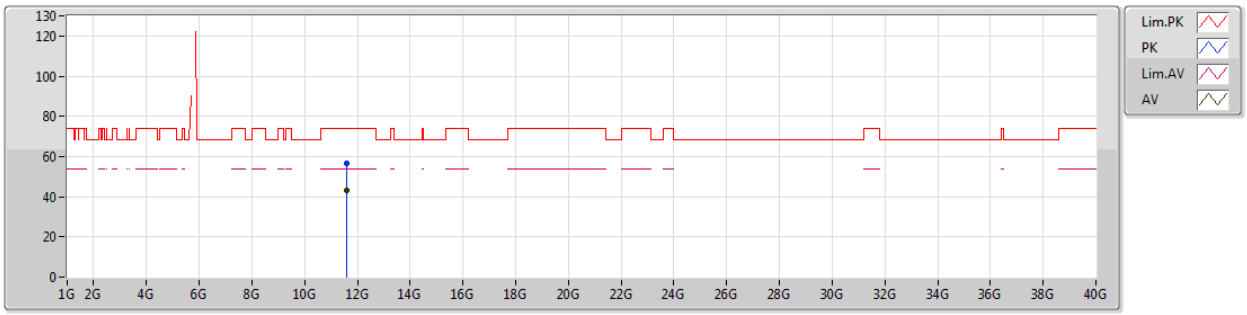
EUT Y_3TX
Setting 100
03-R-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.622G	60.92	68.20	-7.28	6.73	3	Horizontal	328	2.08	-
PK	5.79G	114.31	Inf	-Inf	6.94	3	Horizontal	328	2.08	-
AV	5.778G	104.30	Inf	-Inf	6.93	3	Horizontal	328	2.08	-
PK	5.937G	60.37	68.20	-7.83	7.07	3	Horizontal	328	2.08	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5795MHz_TX

22/11/2018



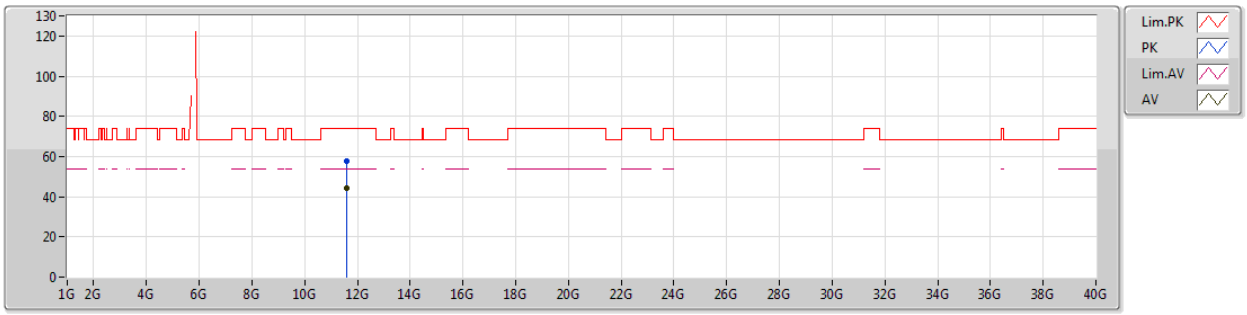
EUT Y_3TX
Setting 100
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.57962G	56.71	74.00	-17.29	14.40	3	Vertical	267	2.55	-
AV	11.58244G	43.10	54.00	-10.90	14.41	3	Vertical	267	2.55	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5795MHz_TX

22/11/2018



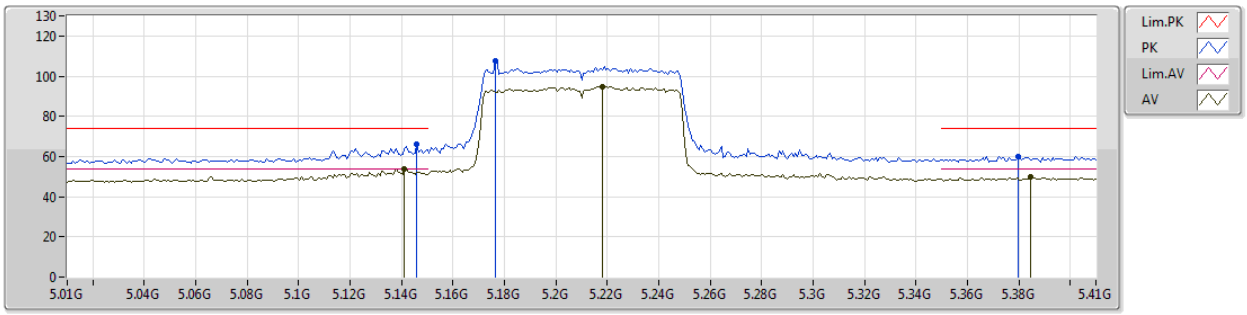
EUT Y_3TX
Setting 100
03-R-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.58016G	57.89	74.00	-16.11	14.40	3	Horizontal	206	2.23	-
AV	11.57854G	44.15	54.00	-9.85	14.40	3	Horizontal	206	2.23	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5210MHz_TX

22/11/2018



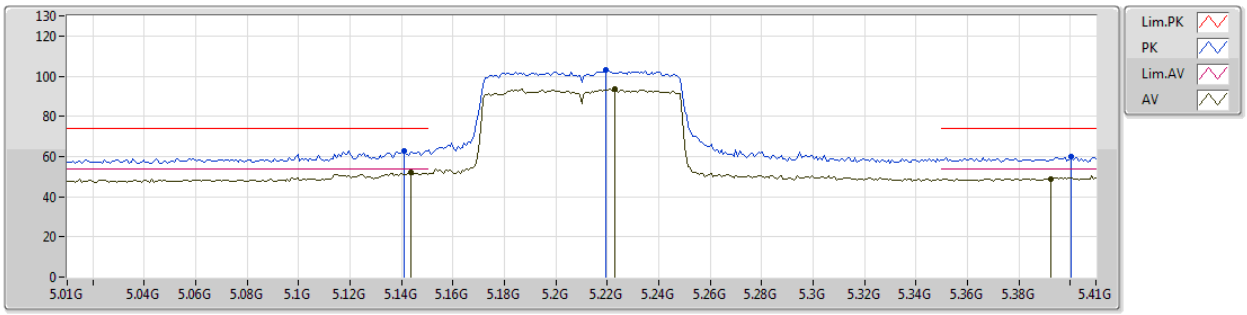
EUT Y_3TX
Setting 52
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.146G	65.88	74.00	-8.12	5.86	3	Vertical	163	1.75	-
AV	5.1412G	53.84	54.00	-0.16	5.84	3	Vertical	163	1.75	-
PK	5.1764G	107.31	Inf	-Inf	5.93	3	Vertical	163	1.75	-
AV	5.218G	94.91	Inf	-Inf	6.04	3	Vertical	163	1.75	-
PK	5.3796G	59.93	74.00	-14.07	6.48	3	Vertical	163	1.75	-
AV	5.3844G	49.63	54.00	-4.37	6.50	3	Vertical	163	1.75	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5210MHz_TX

22/11/2018



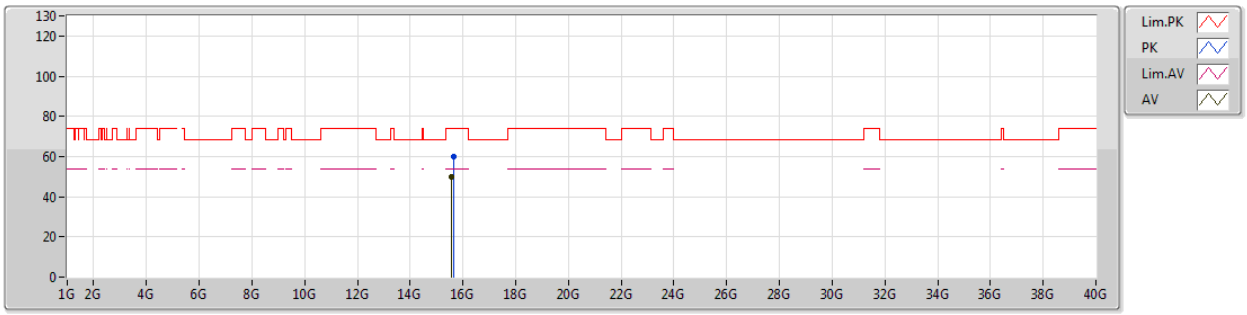
EUT Y_3TX
Setting 52
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1412G	62.97	74.00	-11.03	5.84	3	Horizontal	335	2.15	-
AV	5.1436G	52.15	54.00	-1.85	5.85	3	Horizontal	335	2.15	-
PK	5.2196G	103.20	Inf	-Inf	6.05	3	Horizontal	335	2.15	-
AV	5.2228G	93.59	Inf	-Inf	6.06	3	Horizontal	335	2.15	-
PK	5.4004G	60.20	74.00	-13.80	6.54	3	Horizontal	335	2.15	-
AV	5.3924G	49.03	54.00	-4.97	6.52	3	Horizontal	335	2.15	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5210MHz_TX

22/11/2018



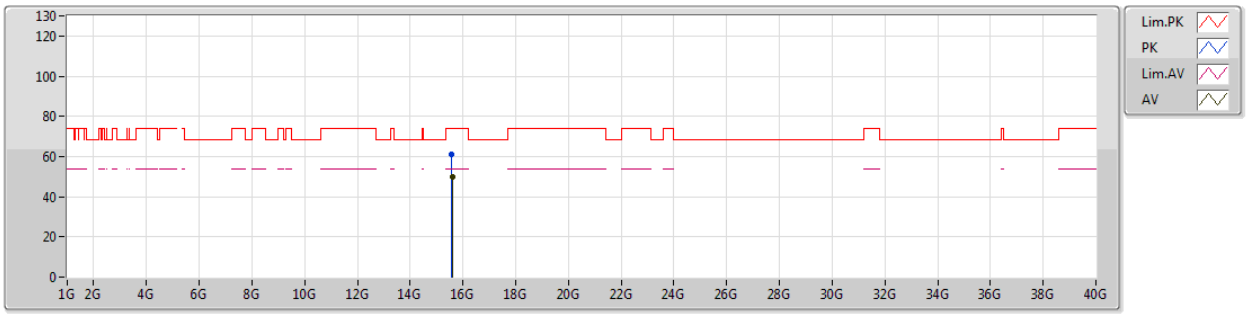
EUT Y_3TX
Setting 52
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.6618G	60.23	74.00	-13.77	15.10	3	Vertical	150	1.50	-
AV	15.5838G	49.73	54.00	-4.27	15.38	3	Vertical	150	1.50	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5210MHz_TX

22/11/2018



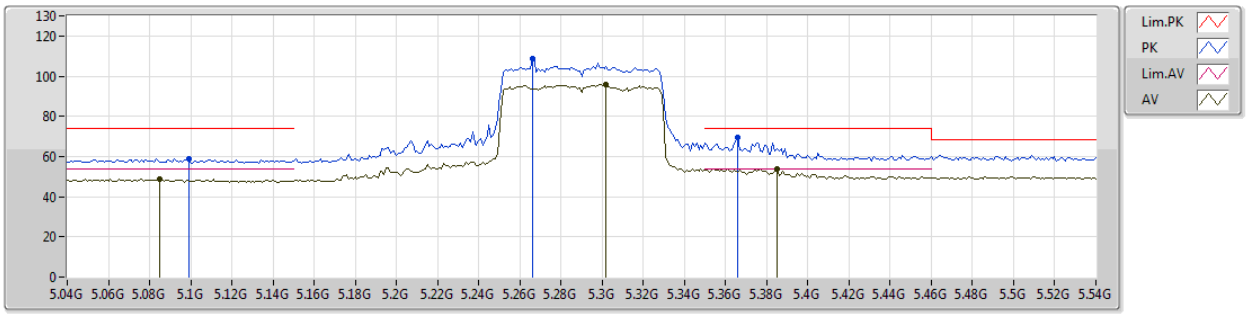
EUT Y_3TX
Setting 52
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.5872G	61.05	74.00	-12.95	15.36	3	Horizontal	236	1.50	-
AV	15.5942G	49.70	54.00	-4.30	15.34	3	Horizontal	236	1.50	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5290MHz_TX

22/11/2018



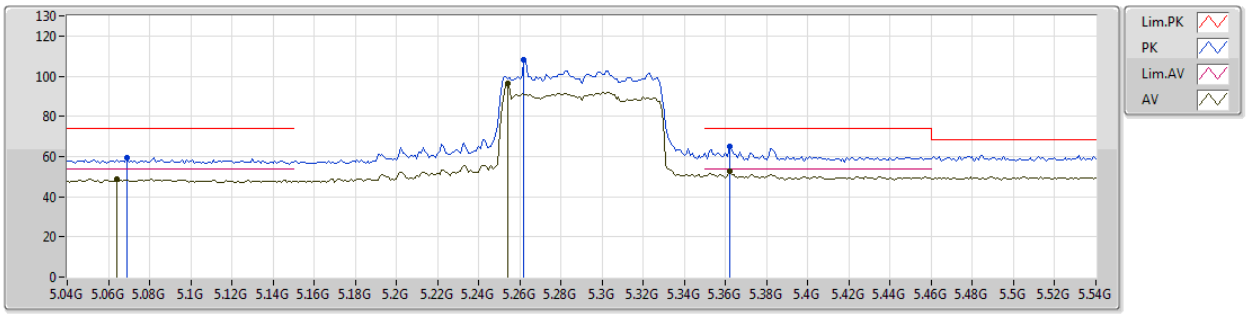
EUT Y_3TX
Setting 60
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.099G	58.79	74.00	-15.21	5.74	3	Vertical	15	2.11	-
AV	5.085G	48.79	54.00	-5.21	5.70	3	Vertical	15	2.11	-
PK	5.266G	108.43	Inf	-Inf	6.18	3	Vertical	15	2.11	-
AV	5.302G	95.96	Inf	-Inf	6.28	3	Vertical	15	2.11	-
PK	5.366G	69.25	74.00	-4.75	6.45	3	Vertical	15	2.11	-
AV	5.385G	53.98	54.00	-0.02	6.50	3	Vertical	15	2.11	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5290MHz_TX

22/11/2018



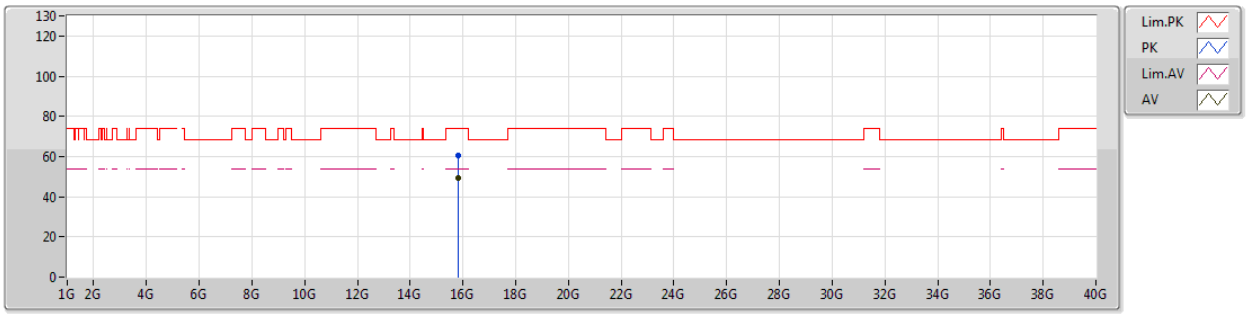
EUT Y_3TX
Setting 60
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.069G	59.48	74.00	-14.52	5.65	3	Horizontal	260	1.86	-
AV	5.064G	48.61	54.00	-5.39	5.64	3	Horizontal	260	1.86	-
PK	5.262G	108.01	Inf	-Inf	6.17	3	Horizontal	260	1.86	-
AV	5.254G	96.12	Inf	-Inf	6.15	3	Horizontal	260	1.86	-
PK	5.362G	64.90	74.00	-9.10	6.44	3	Horizontal	260	1.86	-
AV	5.362G	52.50	54.00	-1.50	6.44	3	Horizontal	260	1.86	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5290MHz_TX

22/11/2018



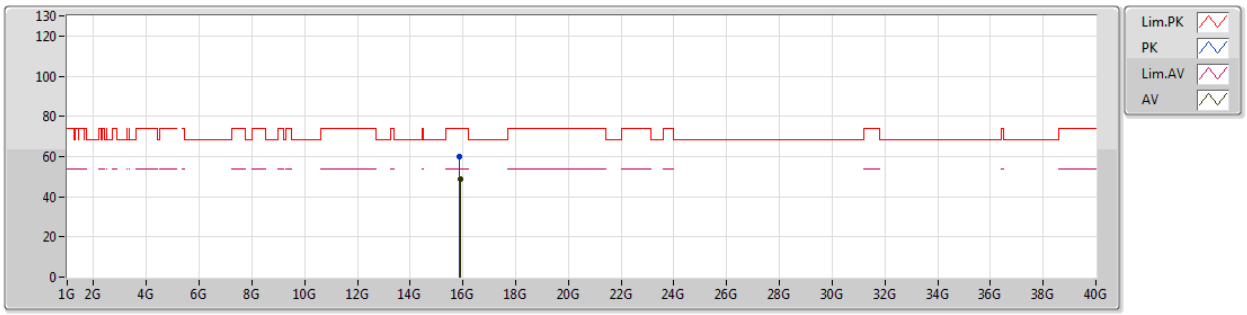
EUT Y_3TX
Setting 60
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.8298G	60.34	74.00	-13.66	14.49	3	Vertical	121	1.50	-
AV	15.8322G	49.21	54.00	-4.79	14.48	3	Vertical	121	1.50	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5290MHz_TX

22/11/2018



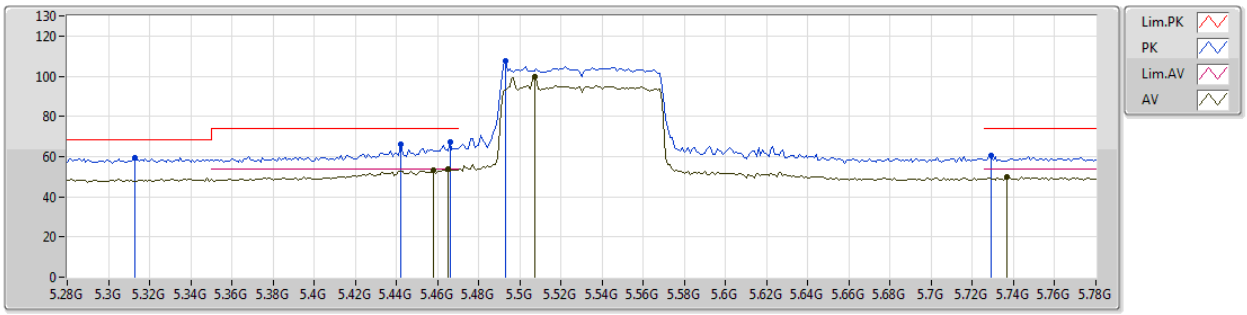
EUT Y_3TX
Setting 60
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.8842G	59.71	74.00	-14.29	14.29	3	Horizontal	298	1.50	-
AV	15.8938G	48.70	54.00	-5.30	14.27	3	Horizontal	298	1.50	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5530MHz_TX

21/11/2018



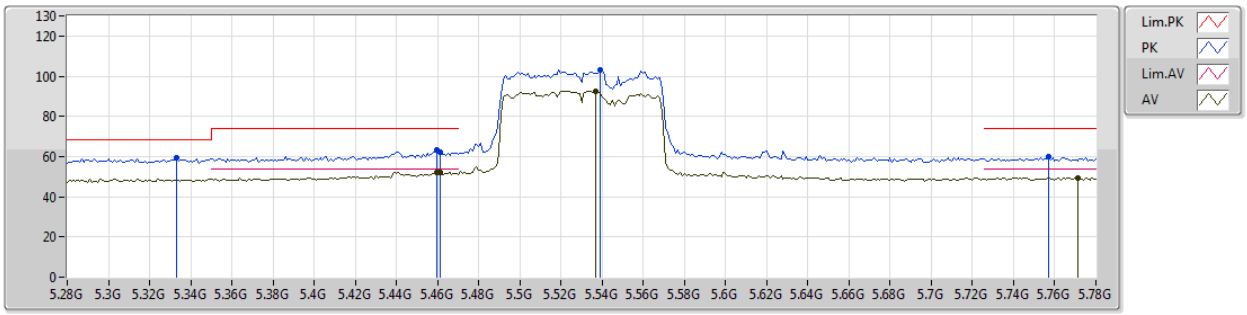
EUT Y_3TX
Setting 58
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.458G	53.15	54.00	-0.85	6.63	3	Vertical	163	1.50	-
AV	5.465G	53.83	54.00	-0.17	6.65	3	Vertical	163	1.50	-
AV	5.507G	100.01	Inf	-Inf	6.71	3	Vertical	163	1.50	-
AV	5.737G	50.01	54.00	-3.99	6.88	3	Vertical	163	1.50	-
PK	5.313G	59.53	68.20	-8.67	6.31	3	Vertical	163	1.50	-
PK	5.442G	65.90	74.00	-8.10	6.62	3	Vertical	163	1.50	-
PK	5.466G	67.52	74.00	-6.48	6.65	3	Vertical	163	1.50	-
PK	5.493G	107.57	Inf	-Inf	6.70	3	Vertical	163	1.50	-
PK	5.729G	60.30	74.00	-13.70	6.87	3	Vertical	163	1.50	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5530MHz_TX

21/11/2018



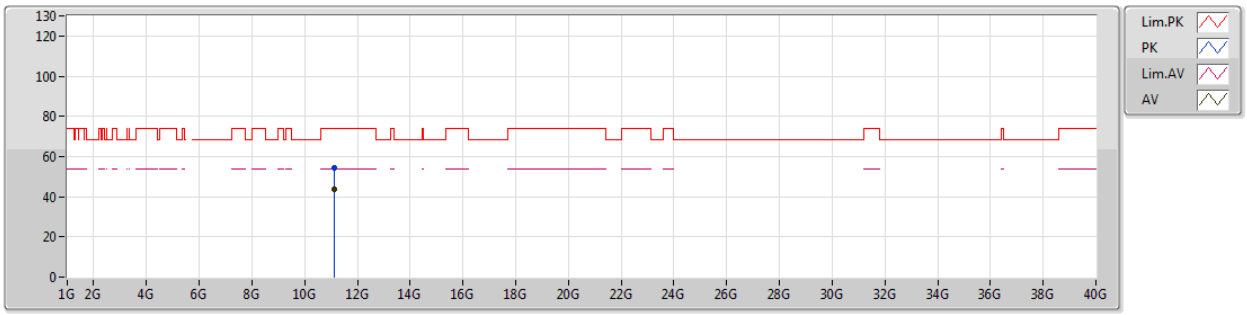
EUT Y_3TX
Setting 58
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4599G	52.36	54.00	-1.64	6.64	3	Horizontal	284	2.71	-
AV	5.461G	52.30	54.00	-1.70	6.64	3	Horizontal	284	2.71	-
AV	5.537G	92.65	Inf	-Inf	6.72	3	Horizontal	284	2.71	-
AV	5.771G	49.56	54.00	-4.44	6.91	3	Horizontal	284	2.71	-
PK	5.333G	59.27	68.20	-8.93	6.37	3	Horizontal	284	2.71	-
PK	5.4598G	63.34	74.00	-10.66	6.64	3	Horizontal	284	2.71	-
PK	5.461G	62.24	74.00	-11.76	6.64	3	Horizontal	284	2.71	-
PK	5.539G	103.34	Inf	-Inf	6.72	3	Horizontal	284	2.71	-
PK	5.757G	60.16	74.00	-13.84	6.89	3	Horizontal	284	2.71	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5530MHz_TX

21/11/2018



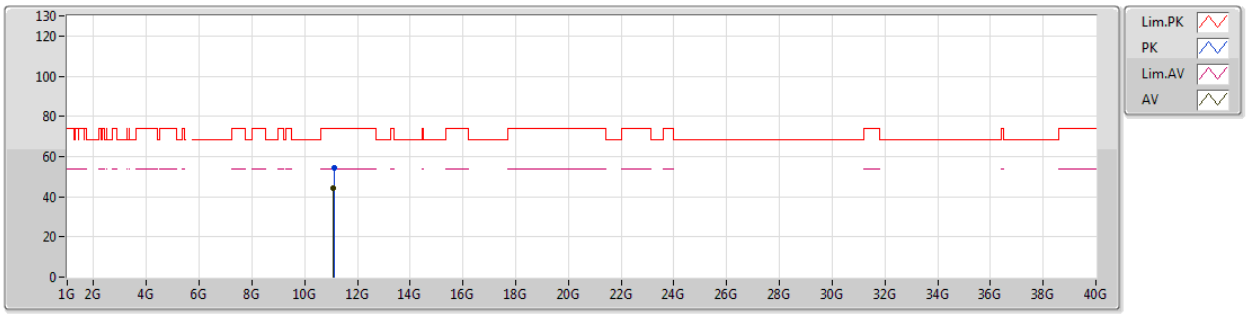
EUT Y_3TX
Setting 58
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.1308G	54.32	74.00	-19.68	13.93	3	Vertical	322	1.50	-
AV	11.1104G	43.79	54.00	-10.21	13.91	3	Vertical	322	1.50	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5530MHz_TX

21/11/2018



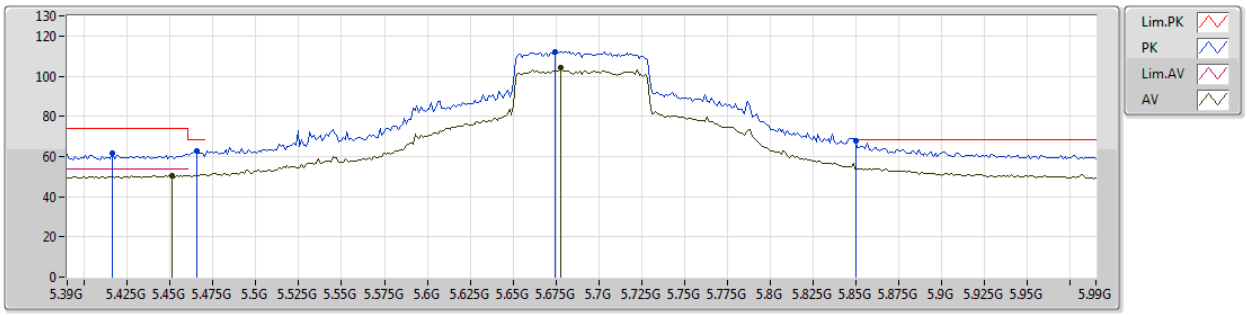
EUT Y_3TX
Setting 58
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.122G	54.12	74.00	-19.88	13.92	3	Horizontal	8	1.50	-
AV	11.0932G	44.08	54.00	-9.92	13.88	3	Horizontal	8	1.50	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5690MHz Straddle 5.47-5.725GHz_TX

21/11/2018



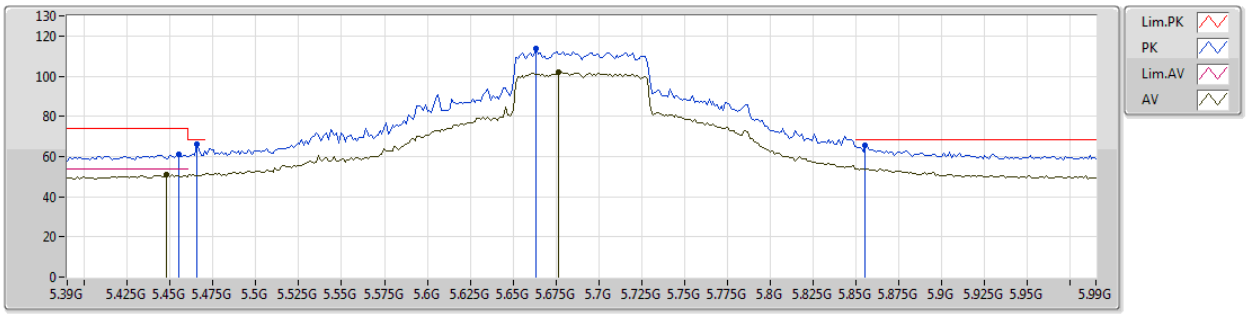
EUT Y_3TX
Setting 115
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4512G	50.59	54.00	-3.41	6.62	3	Vertical	180	2.76	-
AV	5.678G	104.05	Inf	-Inf	6.81	3	Vertical	180	2.76	-
PK	5.4164G	61.73	74.00	-12.27	6.57	3	Vertical	180	2.76	-
PK	5.4656G	62.79	68.20	-5.41	6.65	3	Vertical	180	2.76	-
PK	5.6744G	112.25	Inf	-Inf	6.79	3	Vertical	180	2.76	-
PK	5.8501G	67.98	68.20	-0.22	6.99	3	Vertical	180	2.76	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5690MHz Straddle 5.47-5.725GHz_TX

21/11/2018



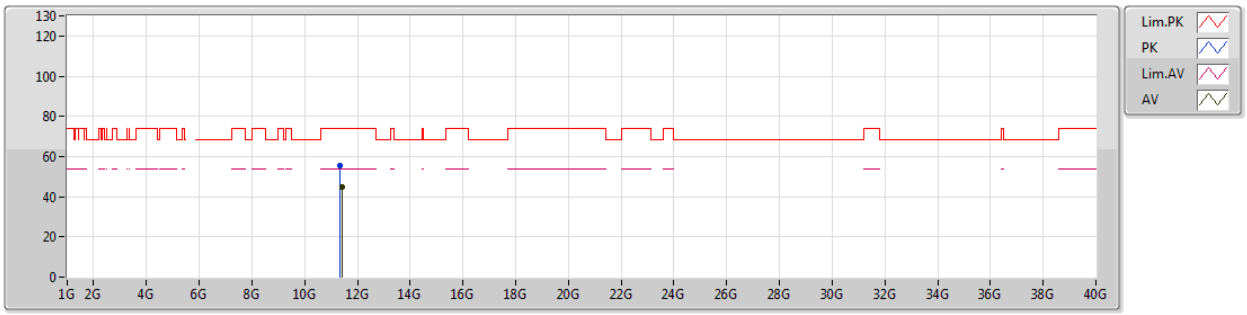
EUT Y_3TX
Setting 115
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4476G	50.99	54.00	-3.01	6.63	3	Horizontal	320	1.96	-
AV	5.6768G	101.99	Inf	-Inf	6.80	3	Horizontal	320	1.96	-
PK	5.4548G	61.09	74.00	-12.91	6.63	3	Horizontal	320	1.96	-
PK	5.4656G	65.87	68.20	-2.33	6.65	3	Horizontal	320	1.96	-
PK	5.6636G	113.76	Inf	-Inf	6.78	3	Horizontal	320	1.96	-
PK	5.8556G	65.60	68.20	-2.60	6.99	3	Horizontal	320	1.96	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5690MHz Straddle 5.47-5.725GHz_TX

21/11/2018



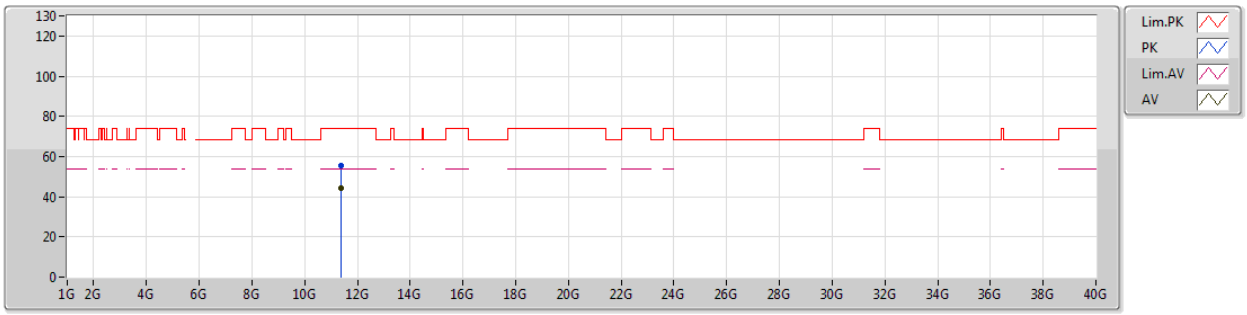
EUT Y_3TX
Setting 115
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.3478G	55.51	74.00	-18.49	14.16	3	Vertical	289	2.94	-
AV	11.407G	44.70	54.00	-9.30	14.23	3	Vertical	289	2.94	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5690MHz Straddle 5.47-5.725GHz_TX

21/11/2018



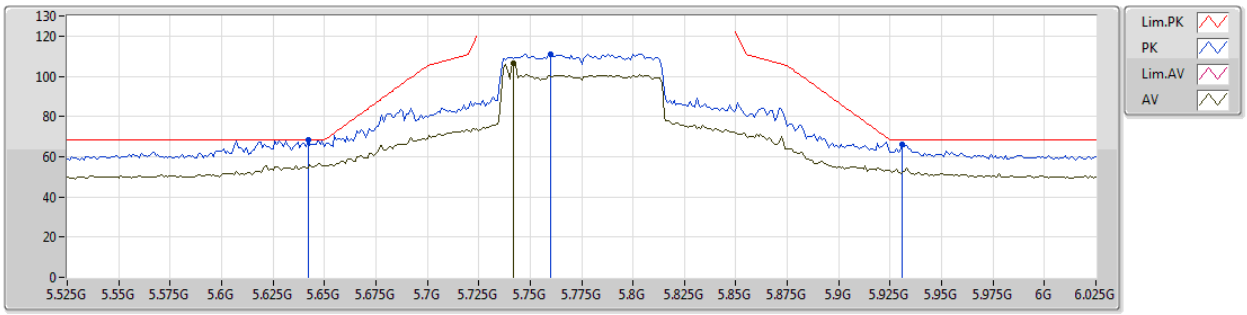
EUT Y_3TX
Setting 115
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.3856G	55.29	74.00	-18.71	14.20	3	Horizontal	231	1.50	-
AV	11.3908G	44.21	54.00	-9.79	14.20	3	Horizontal	231	1.50	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5775MHz_TX

21/11/2018



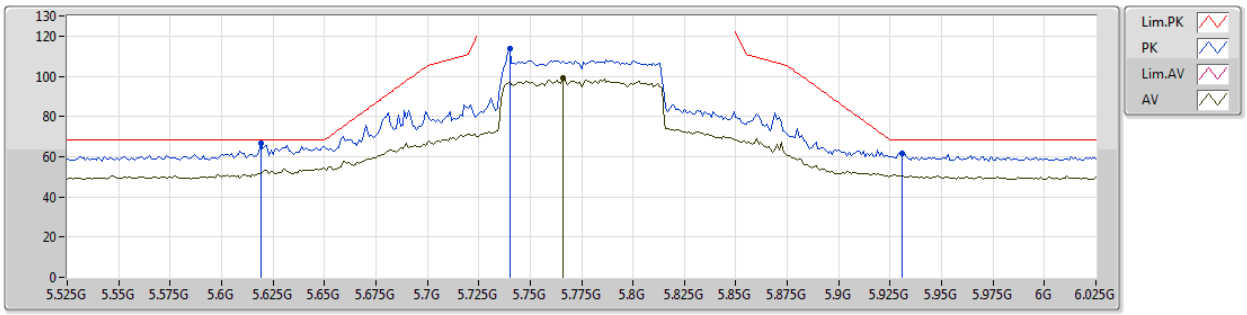
EUT Y_3TX
Setting 80
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.642G	68.14	68.20	-0.06	6.77	3	Vertical	174	2.24	-
PK	5.76G	111.13	Inf	-Inf	6.90	3	Vertical	174	2.24	-
AV	5.742G	106.49	Inf	-Inf	6.89	3	Vertical	174	2.24	-
PK	5.931G	65.88	68.20	-2.32	7.06	3	Vertical	174	2.24	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5775MHz_TX

21/11/2018



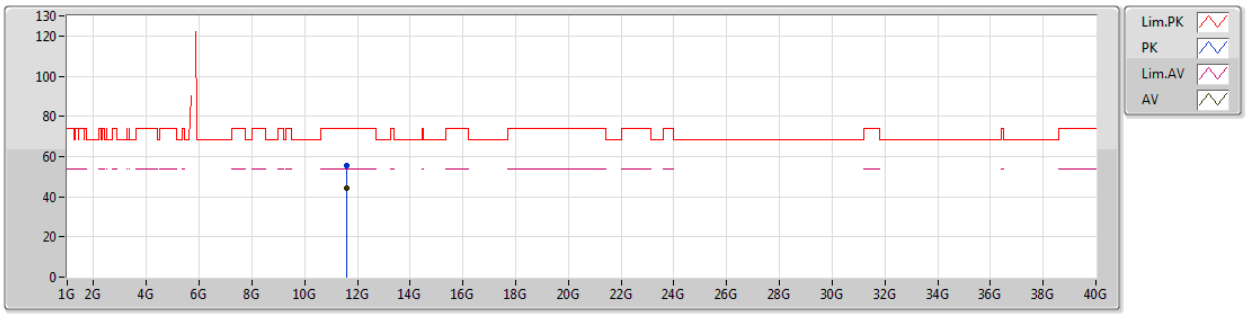
EUT Y_3TX
Setting 80
03-C-5-10
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.619G	66.76	68.20	-1.44	6.73	3	Horizontal	319	1.50	-
PK	5.74G	113.73	Inf	-Inf	6.88	3	Horizontal	319	1.50	-
AV	5.766G	98.95	Inf	-Inf	6.90	3	Horizontal	319	1.50	-
PK	5.931G	61.59	68.20	-6.61	7.06	3	Horizontal	319	1.50	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5775MHz_TX

21/11/2018



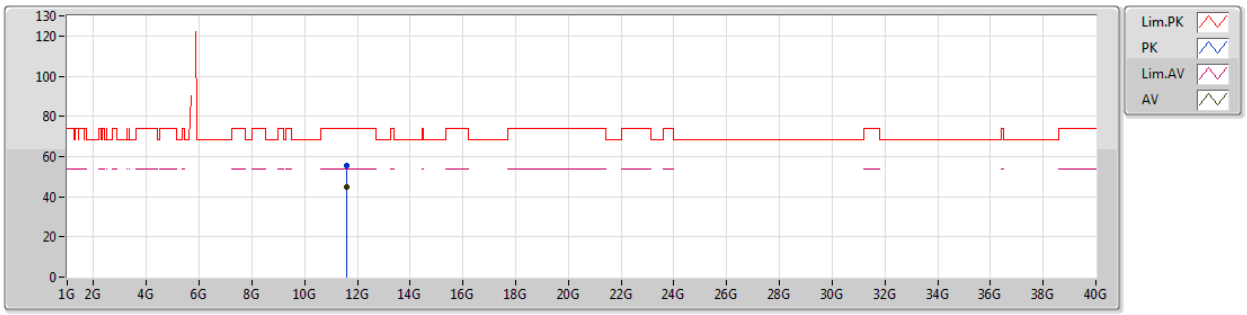
EUT Y_3TX
Setting 80
03-C-5
FSP
Sample #1 (S/N 0231)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.5882G	55.24	74.00	-18.76	14.40	3	Vertical	128	2.35	-
AV	11.5744G	44.34	54.00	-9.66	14.40	3	Vertical	128	2.35	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5775MHz_TX

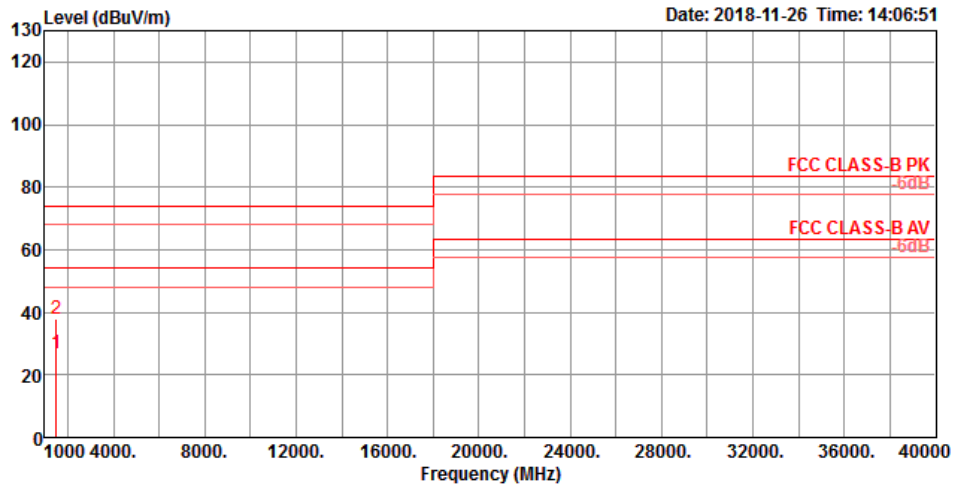
21/11/2018



EUT Y_3TX
Setting 80
03-C-5
FSP
Sample #1 (S/N 0231)

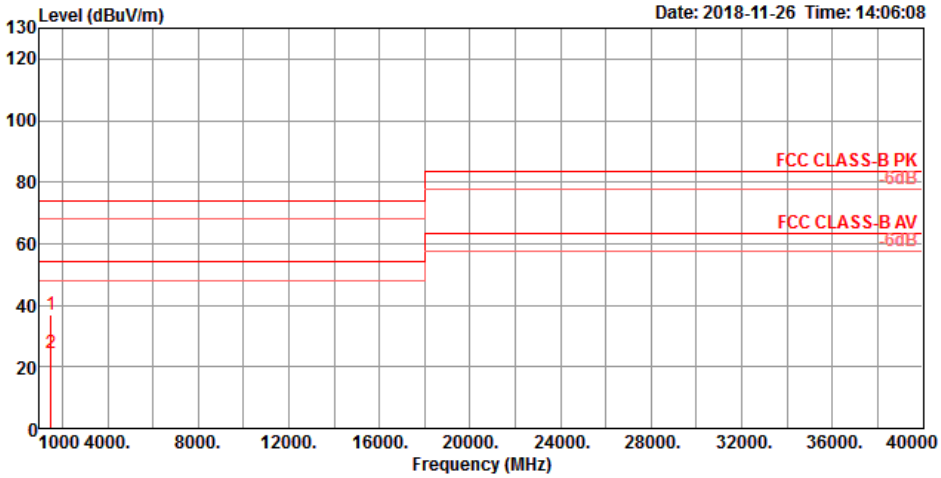
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.5812G	55.73	74.00	-18.27	14.40	3	Horizontal	203	1.66	-
AV	11.5762G	44.62	54.00	-9.38	14.40	3	Horizontal	203	1.66	-

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



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1500.09	26.90	54.00	-27.10	32.84	3.52	25.10	34.56	100	348	Average	HORIZONTAL
2	1500.47	37.95	74.00	-36.05	43.89	3.52	25.10	34.56	100	348	Peak	HORIZONTAL

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



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1499.81	36.98	74.00	-37.02	42.92	3.52	25.10	34.56	100	255	Peak	VERTICAL
2	1499.97	24.59	54.00	-29.41	30.53	3.52	25.10	34.56	100	255	Average	VERTICAL