



FCC Test Report

Equipment : DHUR-AZ68 11a/b/g/n/ac 2x2 module
Brand Name : WNC
Model No. : DHUR-AZ68
FCC ID : NKR-DHURAZ68
Standard : 47 CFR FCC Part 15.407
Operating Band : 5150 MHz – 5250 MHz
5725 MHz – 5850 MHz
Applicant : Wistron NeWeb Corporation
20 Park Avenue II, Hsinchu Science Park, Hsinchu
308, Taiwan
Manufacturer : Wistron NeWeb Corporation
20 Park Avenue II, Hsinchu Science Park, Hsinchu
308, Taiwan
Function : ☐ Outdoor; ☐ Indoor; ☐ Fixed P2P
☒ Client

The product sample received on Oct. 20, 2017 and completely tested on Feb. 07, 2018. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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


Cliff Chang
SPORTON INTERNATIONAL INC.





Table of Contents

1	GENERAL DESCRIPTION	5
1.1	Information.....	5
1.2	Testing Applied Standards	8
1.3	Testing Location Information	8
1.4	Measurement Uncertainty	9
2	TEST CONFIGURATION OF EUT	10
2.1	Test Channel Mode	10
2.2	The Worst Case Measurement Configuration.....	13
2.3	EUT Operation during Test	15
2.4	Accessories	15
2.5	Support Equipment.....	15
2.6	Test Setup Diagram	16
3	TRANSMITTER TEST RESULT	18
3.1	AC Power-line Conducted Emissions	18
3.2	Emission Bandwidth	20
3.3	Maximum Conducted Output Power	21
3.4	Peak Power Spectral Density.....	23
3.5	Unwanted Emissions.....	26
3.6	Frequency Stability.....	30
4	TEST EQUIPMENT AND CALIBRATION DATA	31
APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS		
APPENDIX B. TEST RESULTS OF EMISSION BANDWIDTH		
APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER		
APPENDIX D. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY		
APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS		
APPENDIX F. TEST RESULTS OF FREQUENCY STABILITY		
APPENDIX G. TEST PHOTOS		
PHOTOGRAPHS OF EUT V01		

Summary of Test Result

Conformance Test Specifications			
Report Clause	Ref. Std. Clause	Description	Result
1.1.2	15.203	Antenna Requirement	Complied
3.1	15.207	AC Power-line Conducted Emissions	Complied
3.2	15.407(a)	Emission Bandwidth	Complied
3.3	15.407(a)	Maximum Conducted Output Power	Complied
3.4	15.407(a)	Peak Power Spectral Density	Complied
3.5	15.407(b)	Unwanted Emissions	Complied
3.6	15.407(g)	Frequency Stability	Complied



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FCC ID: NKR-DHURAZ68

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5725-5850		5775	155 [1]

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

Note:

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

1.1.2 Antenna Information

Set	Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)		
							WLAN 2.4GHz	WLAN 5GHz	Bluetooth
1	1	1	WNC	-	Printed Antenna	N/A	5.31	5.92	-
	2	2	WNC	-	Printed Antenna	N/A	5.26	5.91	-
2	3	1	WNC	-	PIFA Antenna	I-PEX	1.54	3.52	-
	4	2	WNC	-	PIFA Antenna	I-PEX	0.15	2.83	-
3	5	1	WNC	-	PIFA Antenna	I-PEX	3.56	5.59	-
	6	2	WNC	-	PIFA Antenna	I-PEX	2.14	5.08	-
4	7	1	WNC	-	PIFA Antenna	I-PEX	-	-	3.90
5	8	1	WNC	-	PIFA Antenna	I-PEX	-	-	1.18
6	9	1	WNC	-	PIFA Antenna	I-PEX	-	-	0.01

Note: The EUT has six set antennas, and they have total of nine antennas.

For 2.4GHz / 5GHz WLAN function (2TX/2RX):

Antenna set 1~3 support 2.4GHz / 5GHz WLAN function.

Port 1 and Port 2 could transmit/receive simultaneously.

For Bluetooth function (1TX/1RX):

Antenna set 4~6 support Bluetooth function.

Antenna set 4~6 are the same type antennas, only the higher gain antenna "Set 4" was tested.

Only Port 1 can be used as transmitting/receiving.

1.1.3 Mode Test Duty Cycle

Test Mode: Mode 1. EUT with Set 1 antennas

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ac VHT20	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ac VHT40	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ac VHT80	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

Test Mode: Mode 2. EUT with Set 2 antennas

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ac VHT20	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ac VHT40	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ac VHT80	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

Test Mode: Mode 3. EUT with Set 3 antennas

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ac VHT20	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ac VHT40	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ac VHT80	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

1.1.4 EUT Operational Condition

EUT Power Type	From host system		
Beamforming Function	☐ With beamforming	☒ Without beamforming	
Test Software Version	QATool_Dbg.exe		

1.2 Testing Applied Standards

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Stim Sung	25°C / 55%	Dec. 18, 2017~Dec. 27, 2017
Radiated	03CH01-CB (For below 1GHz)	Brain Sun, RJ Huang, Cola Fan, Mason Chen, Justin Lin, DK Chang	22°C / 54%	Feb. 07, 2018
Radiated	03CH01-CB (For above 1GHz)	Brain Sun, RJ Huang, Cola Fan, Mason Chen, Justin Lin, DK Chang	22°C / 54%	Oct. 20, 2017~Jan. 30, 2018
AC Conduction	CO01-CB	Deven Huang	20°C / 60%	Feb. 07, 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)	3.2 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%
Frequency Stability	6.06×10^{-8}	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Mode: Mode 1. EUT with Set 1 antennas

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	1F
5200MHz	1E
5240MHz	1D
5745MHz	23
5785MHz	3A
5825MHz	26
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5180MHz	22
5200MHz	21
5240MHz	20
5745MHz	26
5785MHz	36
5825MHz	28
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5190MHz	17
5230MHz	29
5755MHz	29
5795MHz	3A
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	22
5775MHz	25

**Test Mode: Mode 2. EUT with Set 2 antennas**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	22
5200MHz	25
5240MHz	25
5745MHz	3A
5785MHz	3A
5825MHz	29
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5180MHz	24
5200MHz	28
5240MHz	28
5745MHz	3A
5785MHz	3A
5825MHz	3A
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5190MHz	21
5230MHz	29
5755MHz	2A
5795MHz	3A
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	16
5775MHz	25

**Test Mode: Mode 3. EUT with Set 3 antennas**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	23
5200MHz	22
5240MHz	22
5745MHz	3A
5785MHz	3A
5825MHz	3A
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5180MHz	23
5200MHz	25
5240MHz	25
5745MHz	3A
5785MHz	3A
5825MHz	3A
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5190MHz	24
5230MHz	29
5755MHz	3A
5795MHz	3A
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	22
5775MHz	27

Note:

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

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX
1. For 2.4GHz / 5GHz WLAN function: Antenna set 2~3 are the same type antennas, only the higher gain antenna "Set 3" was tested. 2. For Bluetooth function: Antenna set 4~6 are the same type antennas, only the higher gain antenna "Set 4" was tested.	
1	EUT with Set 1 antennas (2.4GHz WLAN function)
2	EUT with Set 3 antennas (2.4GHz WLAN function)
3	EUT with Set 1 antennas (5GHz WLAN function)
4	EUT with Set 3 antennas (5GHz WLAN function)
5	EUT with Set 4 antennas (Bluetooth function)
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density Frequency Stability
Test Condition	Conducted measurement at transmit chains
Operating Mode	CTX
1	EUT with Set 1 antennas
2	EUT with Set 2 antennas
3	EUT with Set 3 antennas

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position for Unwanted Emissions above 1GHz test. - For Set 1 antennas (2.4GHz WLAN function): the worst case was found at X axis. - For Set 2 antennas (2.4GHz WLAN function): the worst case was found at Z axis. - For Set 3 antennas (2.4GHz WLAN function): the worst case was found at Y axis. - For Set 1 antennas (5GHz WLAN function): the worst case was found at X axis. - For Set 2 antennas (5GHz WLAN function): the worst case was found at Y axis. - For Set 3 antennas (5GHz WLAN function): the worst case was found at Y axis. - For Set 4 antennas (Bluetooth function): the worst case was found at Y axis. From the above, so the measurement will follow this same test configuration.	
1	EUT X axis with Set 1 antennas (2.4GHz WLAN function)
2	EUT Z axis with Set 2 antennas (2.4GHz WLAN function)
3	EUT Y axis with Set 3 antennas (2.4GHz WLAN function)
4	EUT X axis with Set 1 antennas (5GHz WLAN function)
5	EUT Y axis with Set 2 antennas (5GHz WLAN function)
6	EUT Y axis with Set 3 antennas (5GHz WLAN function)
7	EUT Y axis with Set 4 antennas (Bluetooth function)
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position for Unwanted Emissions above 1GHz test. - For Set 1 antennas: the worst case was found at X axis. - For Set 2 antennas: the worst case was found at Y axis. - For Set 3 antennas: the worst case was found at Y axis. From the above, so the measurement will follow this same test configuration.	
1	EUT X axis with Set 1 antennas (5GHz WLAN function)
2	EUT Y axis with Set 2 antennas (5GHz WLAN function)
3	EUT Y axis with Set 3 antennas (5GHz WLAN function)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT with Set 1 and Set 4 antennas (2.4GHz WLAN + Bluetooth function)
2	EUT with Set 1 and Set 4 antennas (5GHz WLAN + Bluetooth function)
3	EUT with Set 2 and Set 4 antennas (2.4GHz WLAN + Bluetooth function)
4	EUT with Set 2 and Set 4 antennas (5GHz WLAN + Bluetooth function)
5	EUT with Set 3 and Set 4 antennas (2.4GHz WLAN + Bluetooth function)
6	EUT with Set 3 and Set 4 antennas (5GHz WLAN + Bluetooth function)
Refer to Sporton Test Report No.: FA7D1249 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

N/A

2.5 Support Equipment

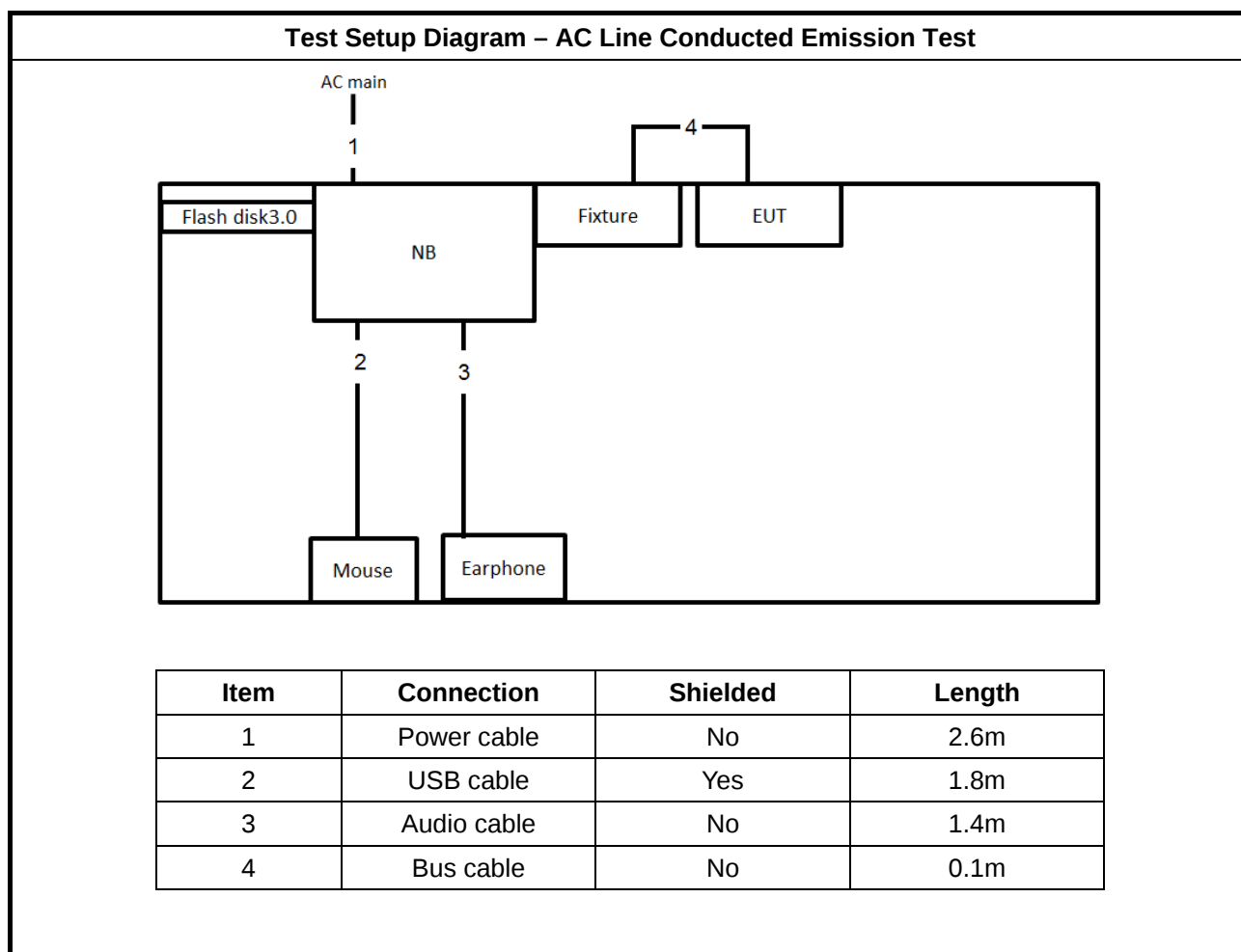
For Test Site No: CO01-CB

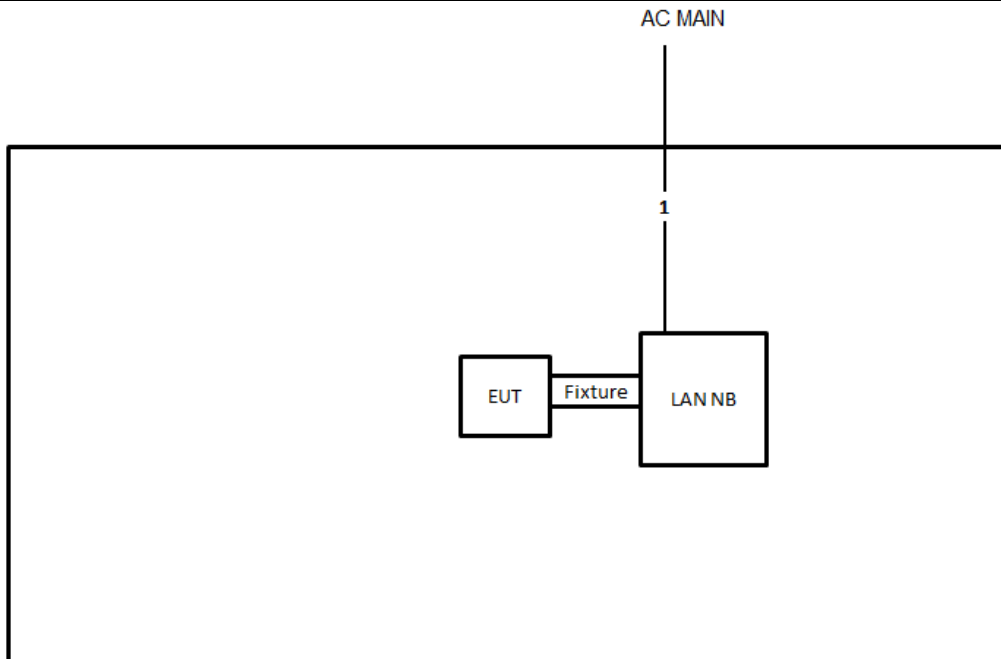
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	NB	DELL	E6430	DoC
2	Earphone	e-Power	S90W	DoC
3	Mouse	Logitech	M-U0026	DoC
4	Fixture	WNC	48DHUR09.SGB	DoC
5	Flash disk3.0	Transcend	JetFlash-760	DoC

For Test Site No: 03CH01-CB and TH01-CB

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	NB	DELL	E4300	DoC
2	Fixture	WNC	48DHUR09.SGB	DoC

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length
1	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.		

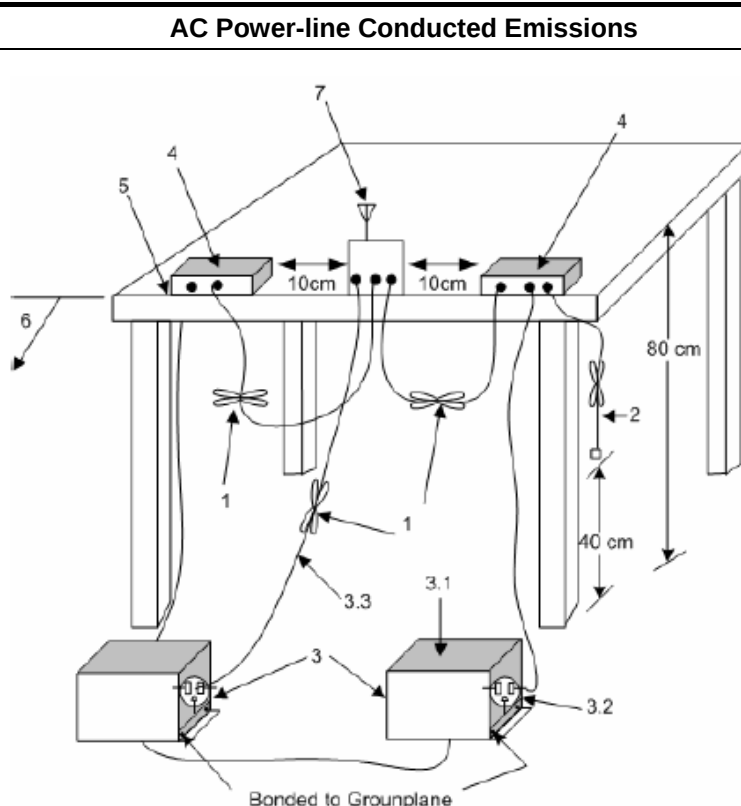
3.1.2 Measuring Instruments

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



- 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 $\geq$ 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 $\geq$ 500kHz.

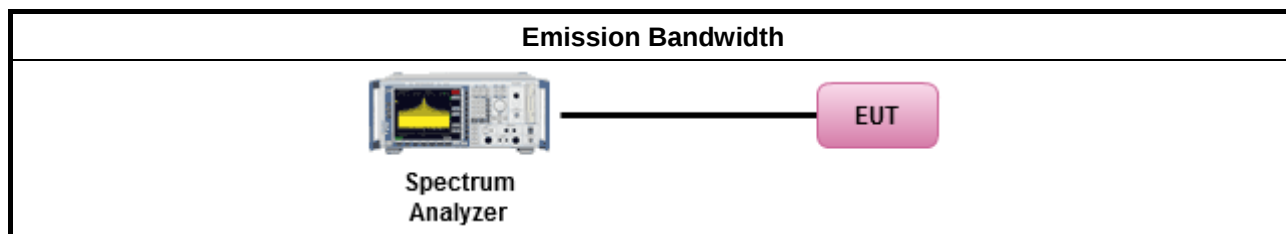
3.2.2 Measuring Instruments

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



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.	

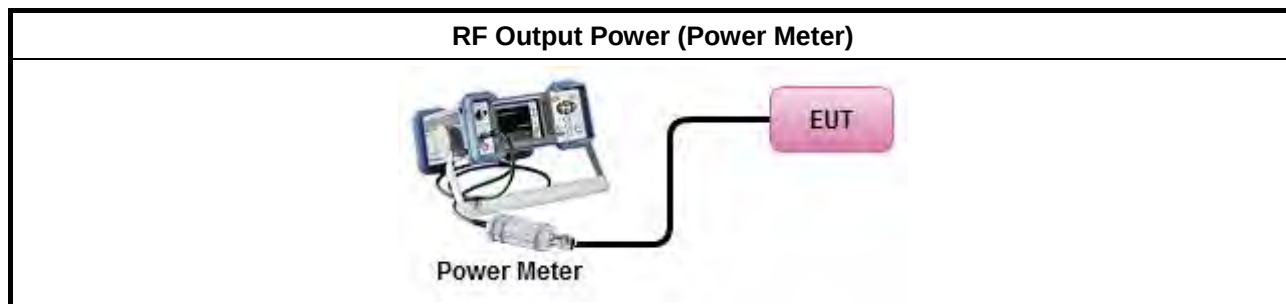
3.3.2 Measuring Instruments

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: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	

3.3.4 Test Setup



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

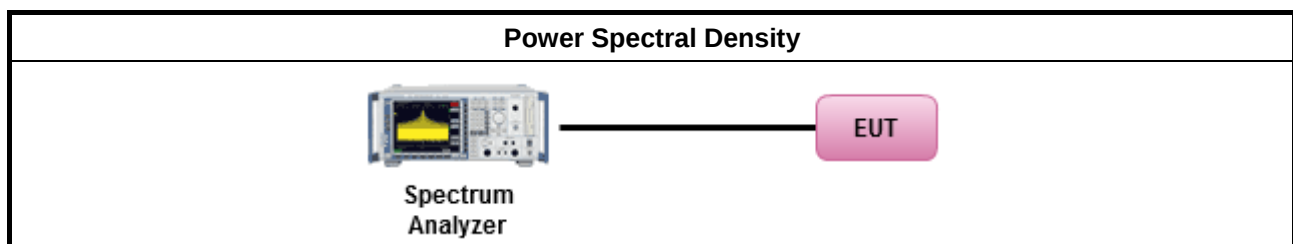
3.4.2 Measuring Instruments

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, F5) 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: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup





3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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

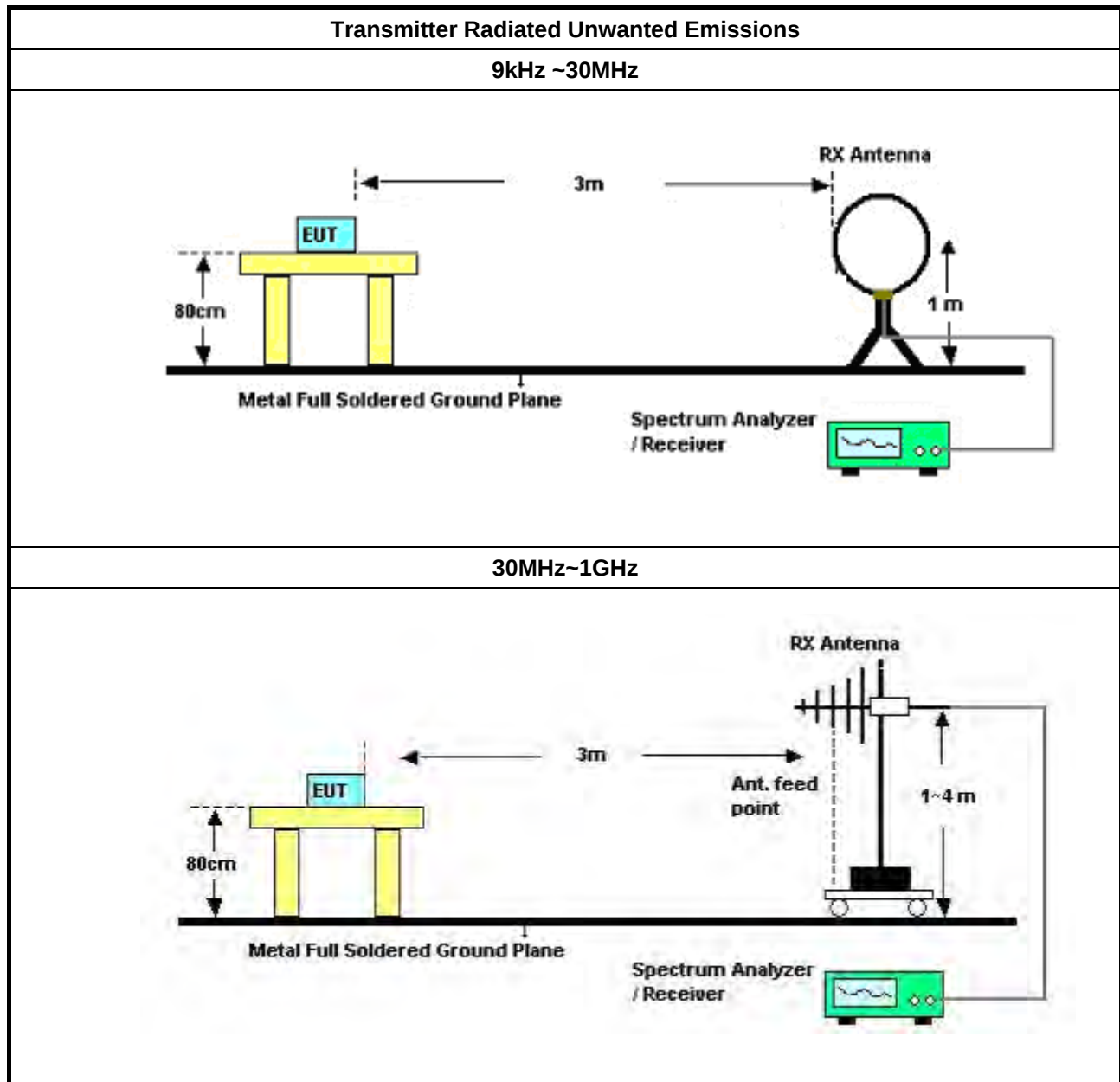
3.5.2 Measuring Instruments

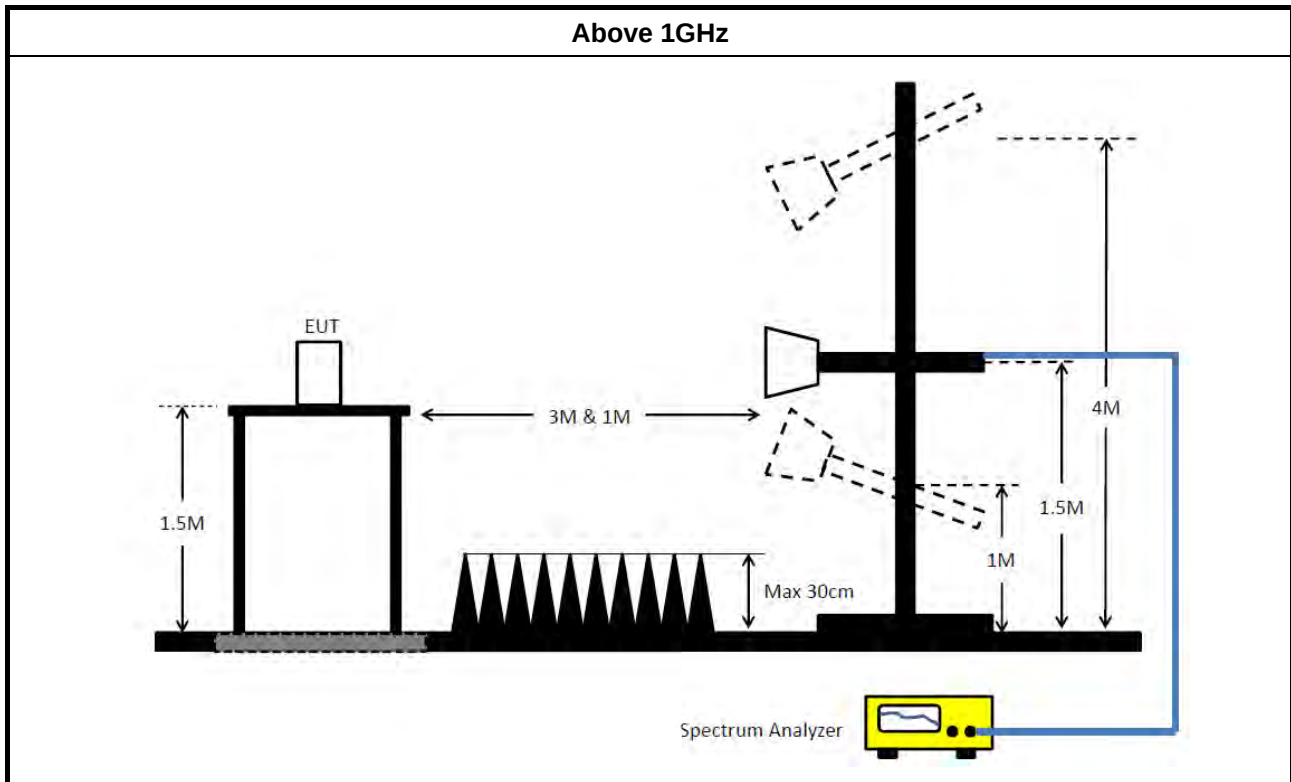
Refer a test equipment and calibration data table in this test report.

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 $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033, clause H)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033, clause H)1) for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 789033, H)6) Method AD (Trace Averaging).
	☒ Refer as FCC KDB 789033, H)6) Method VB (Reduced VBW).
	☐ Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033, clause H)5) measurement procedure peak limit.
	☐ Refer as ANSI C63.10, clause 4.2.3.2.2 measurement procedure peak limit.
	For radiated measurement.
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	The any unwanted emissions level shall not exceed the fundamental emission level.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

3.5.4 Test Setup





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.

3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Frequency Stability

3.6.1 Frequency Stability Limit

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

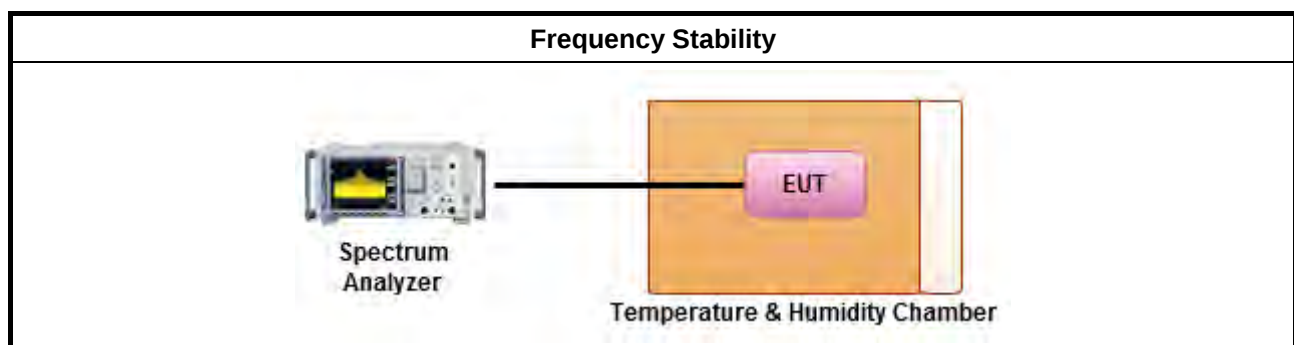
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method
Refer as ANSI C63.10, clause 6.8 for frequency stability tests
- Frequency stability with respect to ambient temperature - Frequency stability when varying supply voltage - Extreme temperature is -10°C~60°C.

3.6.4 Test Setup



3.6.5 Test Result of Frequency Stability

Refer as Appendix F



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	8127650	9kHz ~ 30MHz	Nov. 24, 2017	Nov. 23, 2018	Conduction (CO01-CB)
COND Cable	Woken	Cable	01	150kHz ~ 30MHz	May 23, 2017	May 22, 2018	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMC	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 30, 2017	Aug. 29, 2018	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 10, 2016	Nov. 09, 2017	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 20, 2017	Nov. 19, 2018	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 05, 2017	Jul. 04, 2018	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 02, 2017	May 01, 2018	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 16, 2017	Jan. 15, 2018	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 09, 2018	Jan. 08, 2019	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 10, 2017	Jul. 09, 2018	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 22, 2016	Nov. 21, 2017	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 23, 2017	Nov. 22, 2018	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100355	9kHz ~ 2.75GHz	May 06, 2017	May 05, 2018	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2016*	Mar. 15, 2018*	Radiation (03CH01-CB)
Test Software	Audix	E3	6.2009-I0-7	N/A	N/A	N/A	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 26, 2016	Dec. 25, 2017	Conducted (TH01-CB)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 21, 2017	Dec. 20, 2018	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 02, 2017	Jun. 01, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 20, 2017	Nov. 19, 2018	Conducted (TH01-CB)

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

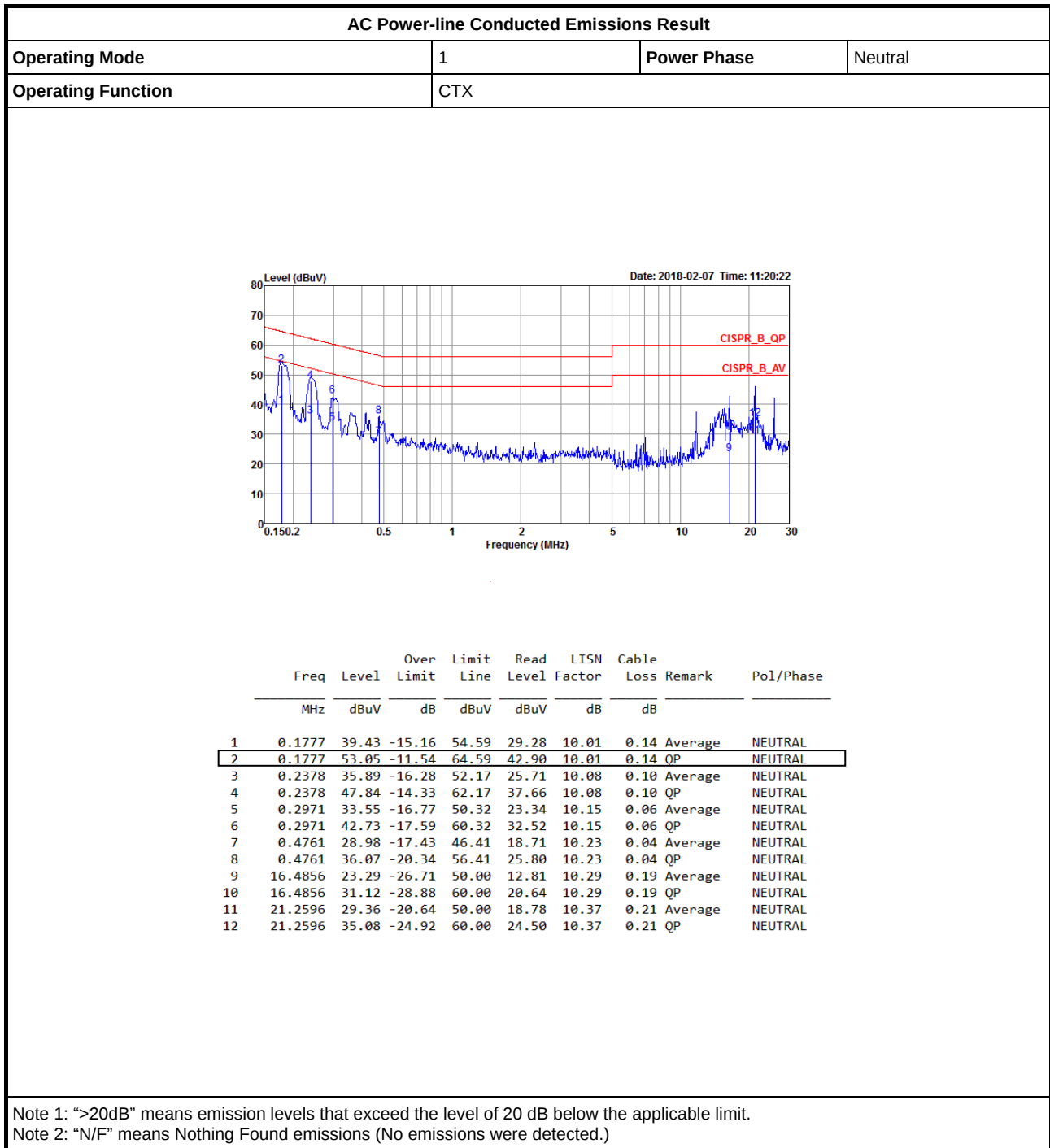
“*” Calibration Interval of instruments listed above is two years.

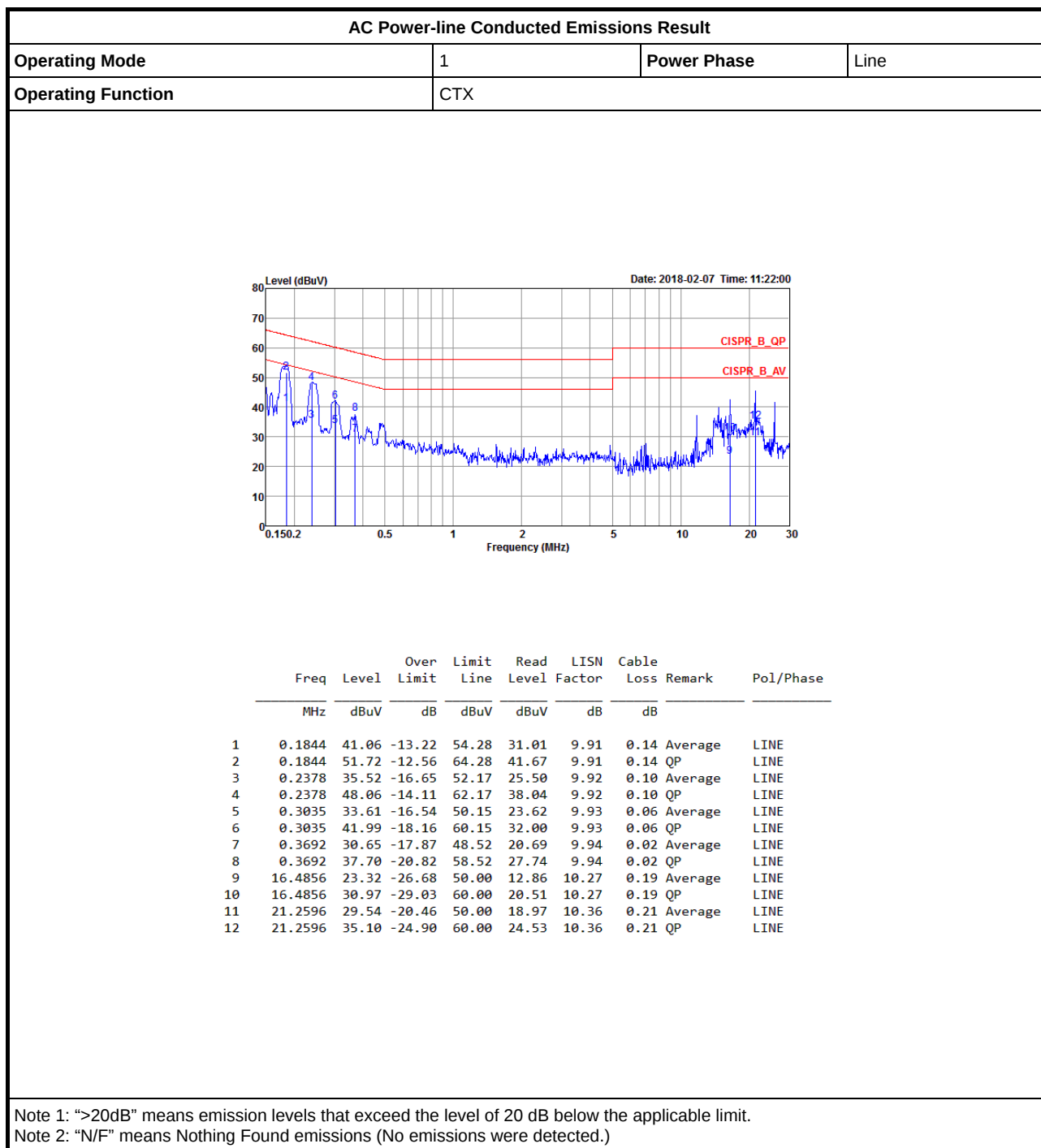
N.C.R. means Non-Calibration required.



AC Power-line Conducted Emissions Result

Appendix A





Test Mode: Mode 1. EUT with Set 1 antennas
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.6M	16.417M	16M4D1D	19.8M	16.342M
802.11ac VHT20_Nss1,(MCS0)_2TX	26.325M	17.591M	17M6D1D	22.3M	17.516M
802.11ac VHT40_Nss1,(MCS0)_2TX	82.4M	36.932M	36M9D1D	40.85M	35.982M
802.11ac VHT80_Nss1,(MCS0)_2TX	141.4M	75.762M	75M8D1D	121.4M	75.662M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.35M	27.136M	27M1D1D	16.3M	16.917M
802.11ac VHT20_Nss1,(MCS0)_2TX	17.575M	28.161M	28M2D1D	17.525M	18.016M
802.11ac VHT40_Nss1,(MCS0)_2TX	36.35M	55.972M	56M0D1D	36.3M	38.281M
802.11ac VHT80_Nss1,(MCS0)_2TX	76.4M	76.262M	76M3D1D	76.4M	76.262M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

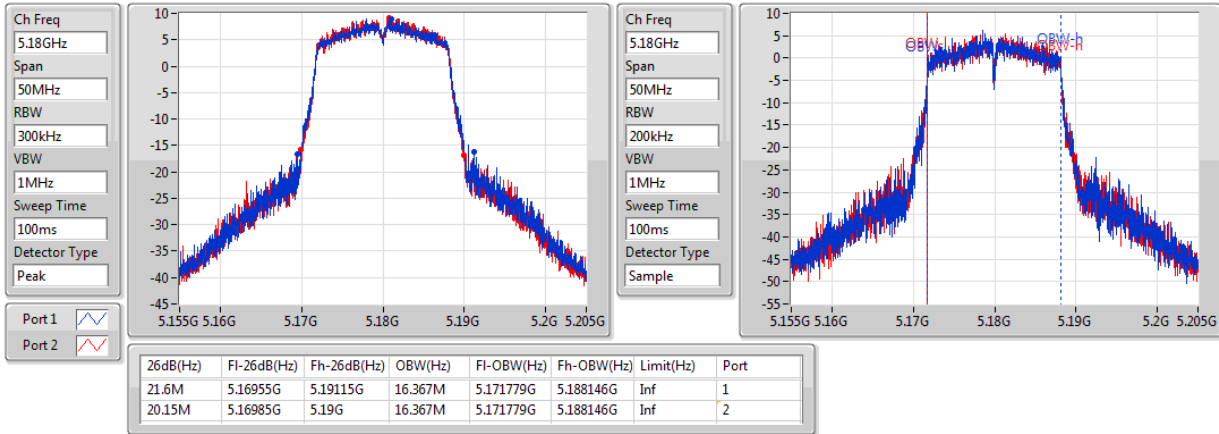
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.6M	16.367M	20.15M	16.367M
5200MHz	Pass	Inf	19.85M	16.367M	19.8M	16.342M
5240MHz	Pass	Inf	21.35M	16.417M	20.1M	16.367M
5745MHz	Pass	500k	16.3M	17.041M	16.3M	16.917M
5785MHz	Pass	500k	16.3M	26.912M	16.35M	27.136M
5825MHz	Pass	500k	16.325M	19.54M	16.3M	18.591M
802.11ac_VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	26.325M	17.591M	23.5M	17.566M
5200MHz	Pass	Inf	22.3M	17.591M	23.8M	17.541M
5240MHz	Pass	Inf	22.775M	17.541M	22.45M	17.516M
5745MHz	Pass	500k	17.55M	18.091M	17.525M	18.016M
5785MHz	Pass	500k	17.55M	28.161M	17.575M	27.761M
5825MHz	Pass	500k	17.55M	21.639M	17.55M	20.39M
802.11ac_VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.85M	36.082M	41.1M	35.982M
5230MHz	Pass	Inf	82.4M	36.932M	80.95M	36.582M
5755MHz	Pass	500k	36.35M	40.33M	36.35M	38.281M
5795MHz	Pass	500k	36.35M	55.872M	36.3M	55.972M
802.11ac_VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	141.4M	75.662M	121.4M	75.762M
5775MHz	Pass	500k	76.4M	76.262M	76.4M	76.262M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

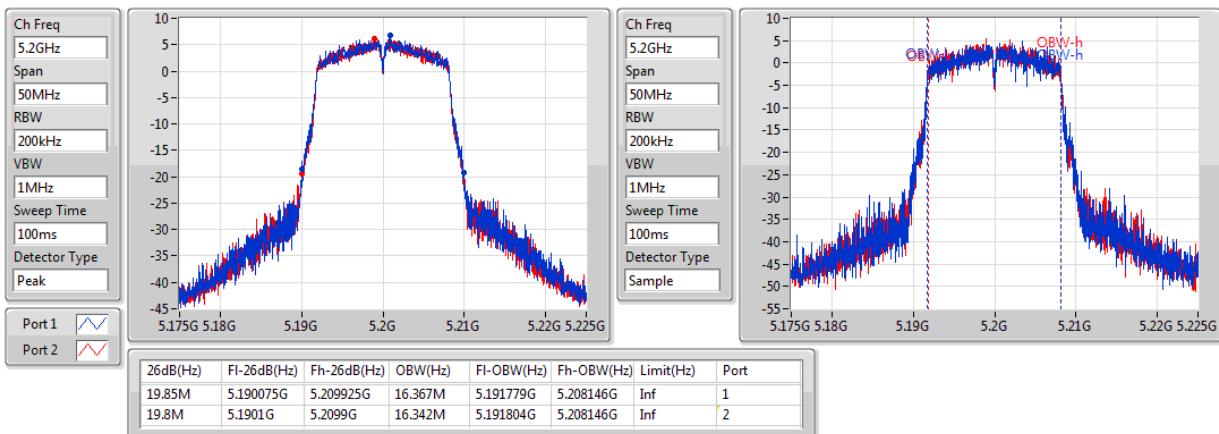
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

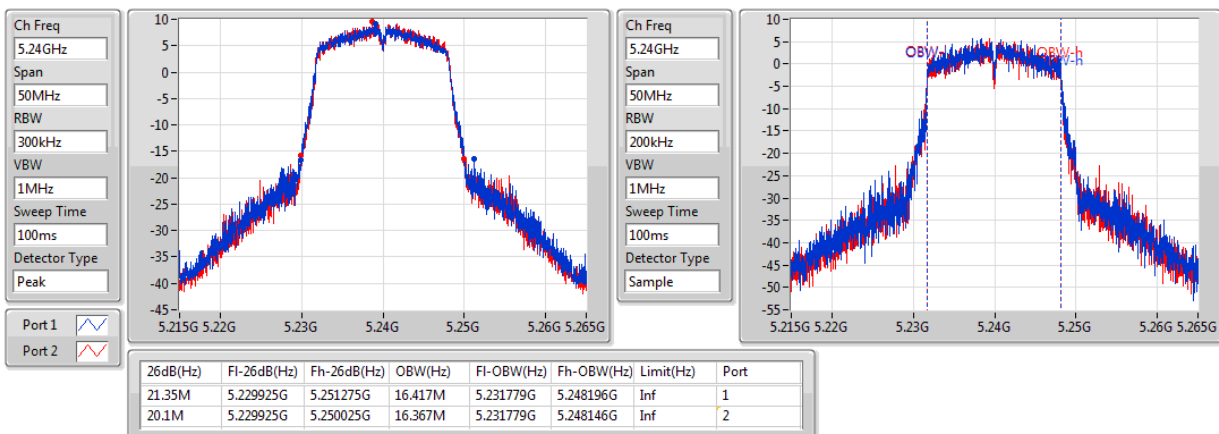
18/12/2017


802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

18/12/2017

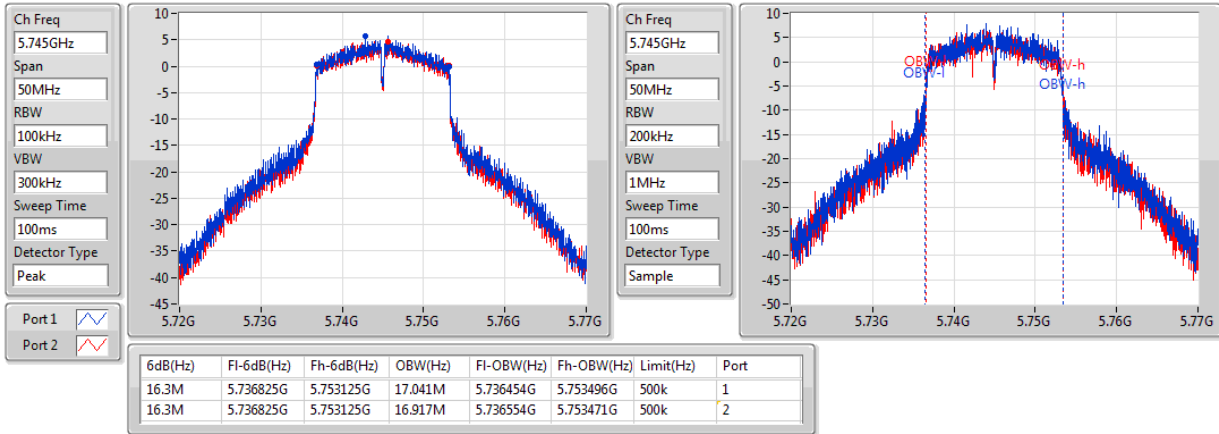

802.11a_Nss1,(6Mbps)_2TX
EBW
5240MHz

18/12/2017

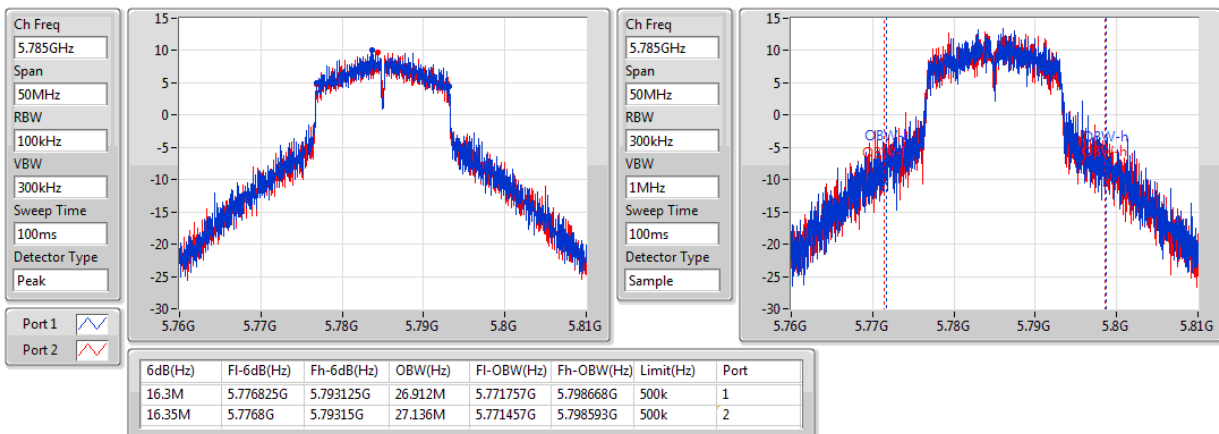


802.11a_Nss1,(6Mbps)_2TX
EBW
5745MHz

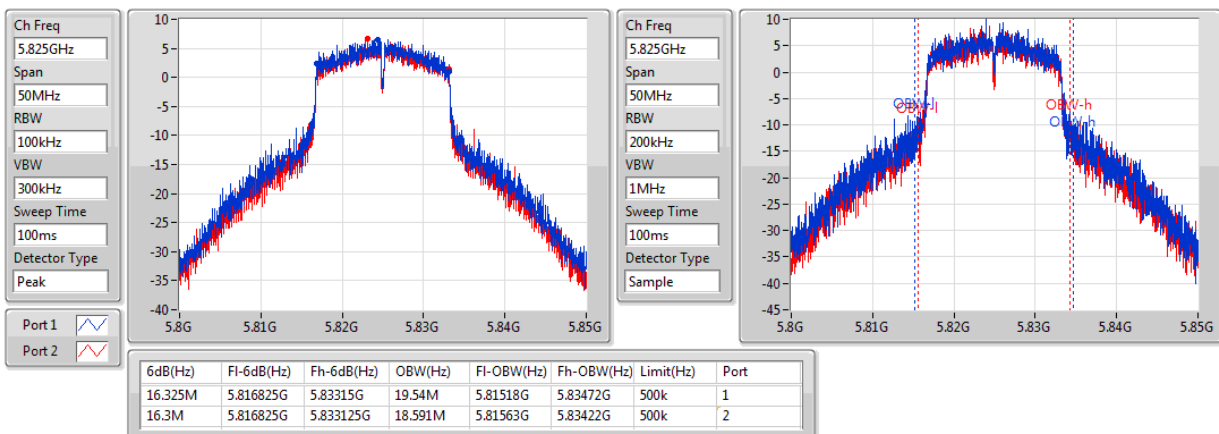
18/12/2017


802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

18/12/2017

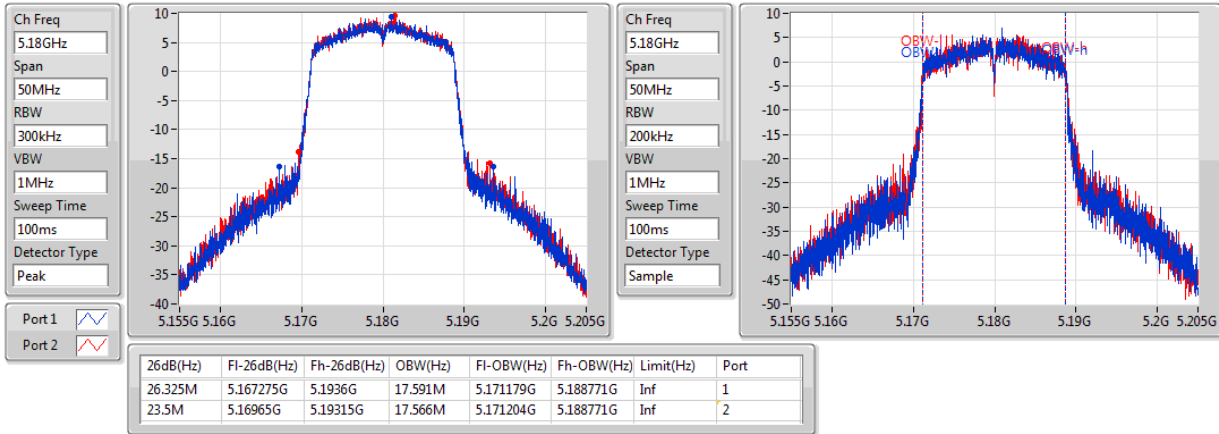

802.11a_Nss1,(6Mbps)_2TX
EBW
5825MHz

18/12/2017

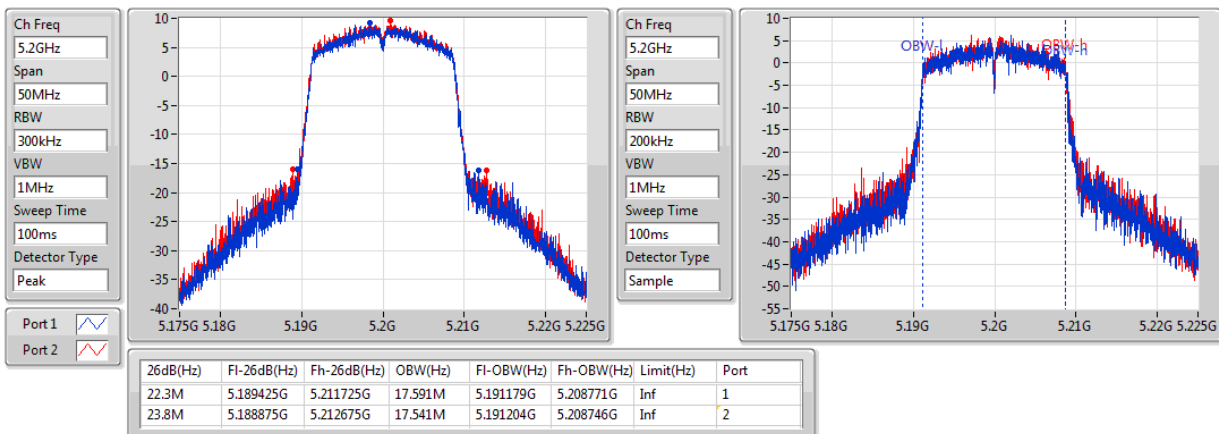


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5180MHz

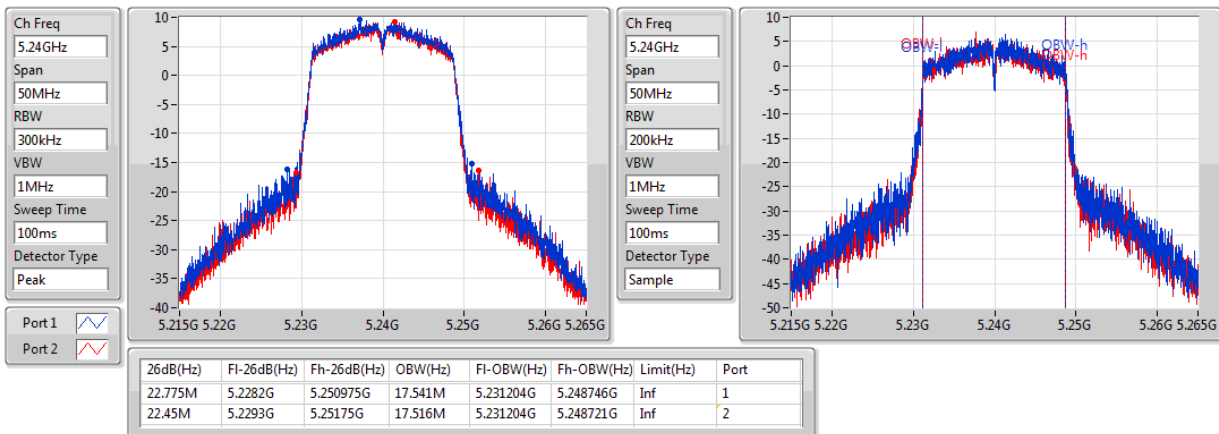
18/12/2017


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5200MHz

18/12/2017

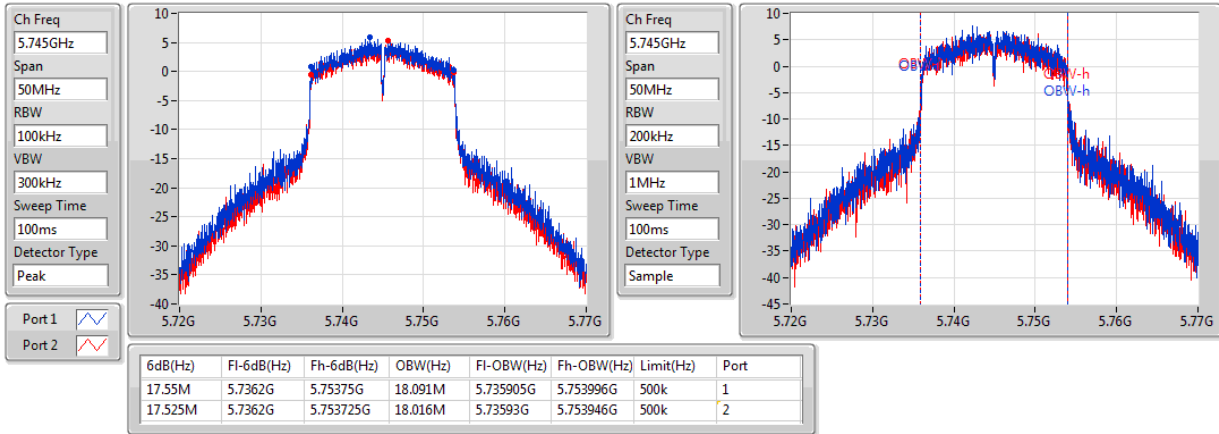

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5240MHz

18/12/2017

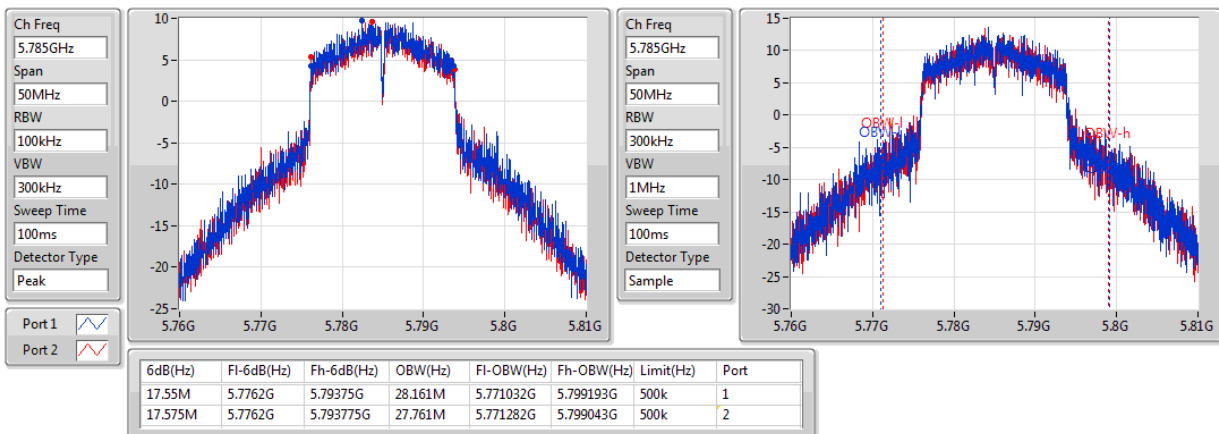


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5745MHz

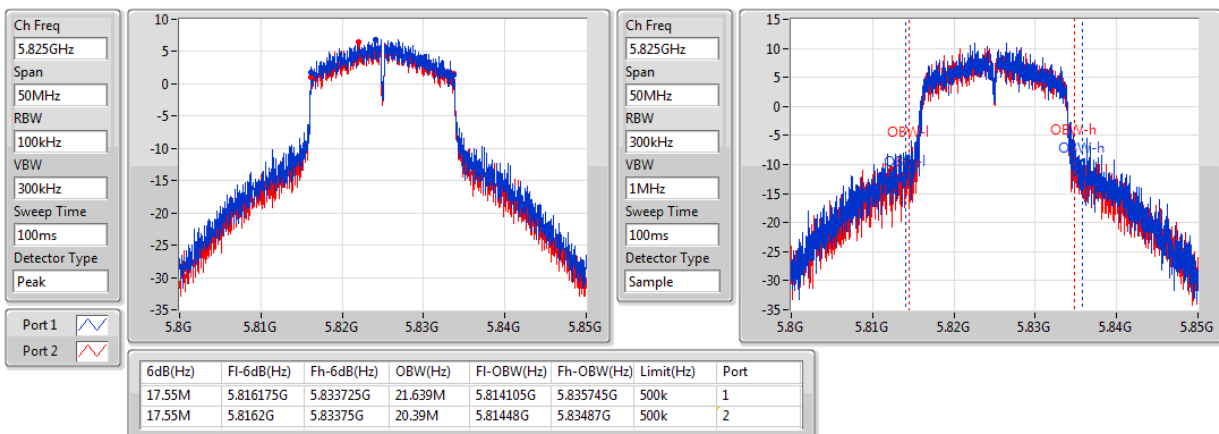
18/12/2017


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5785MHz

18/12/2017

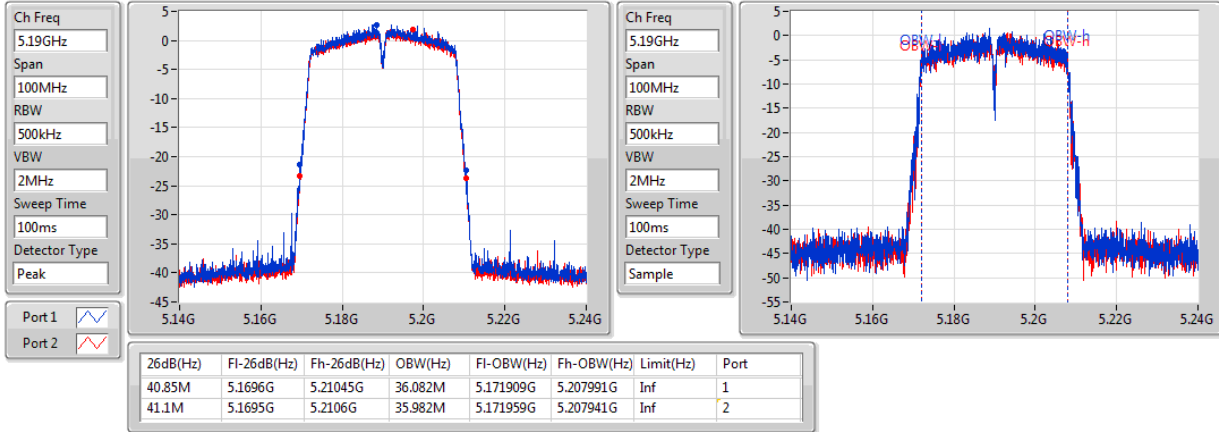

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5825MHz

18/12/2017

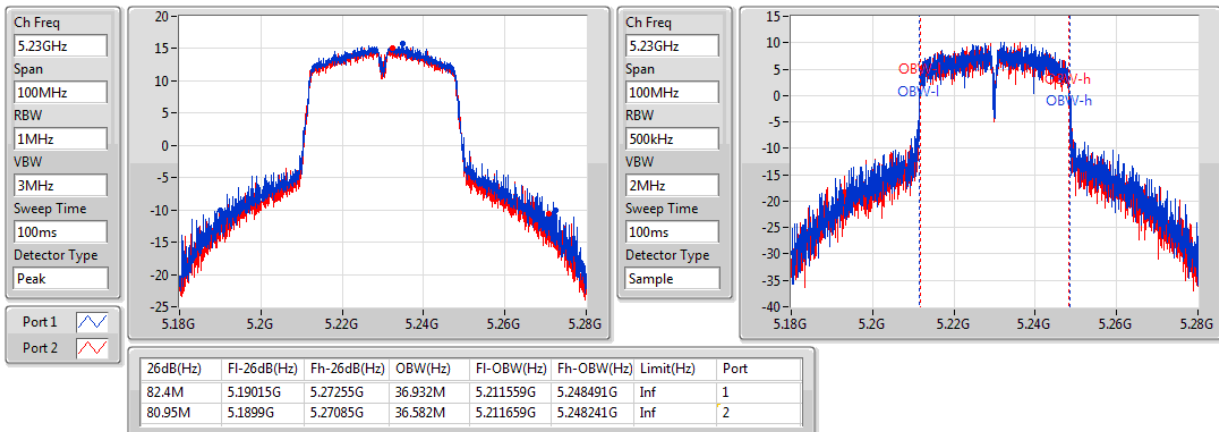


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5190MHz

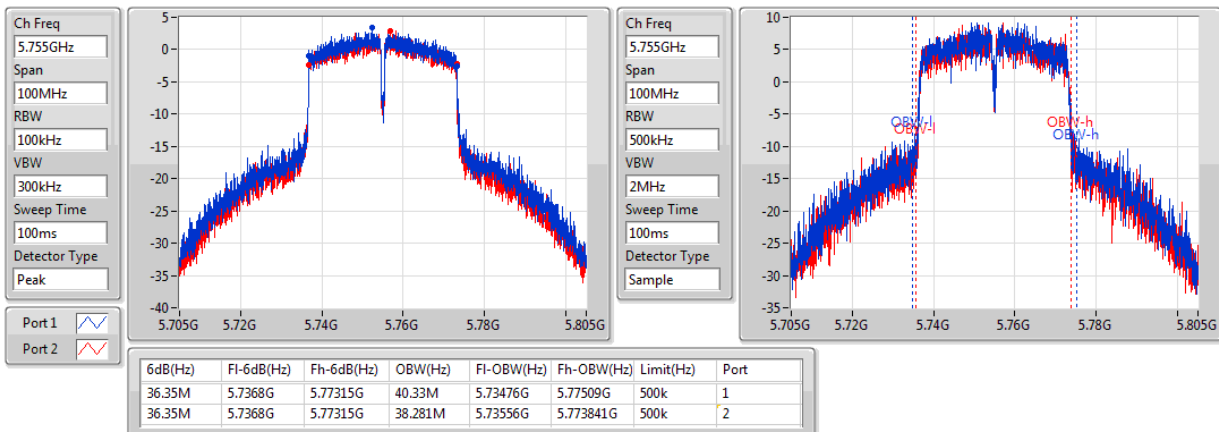
18/12/2017


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5230MHz

18/12/2017

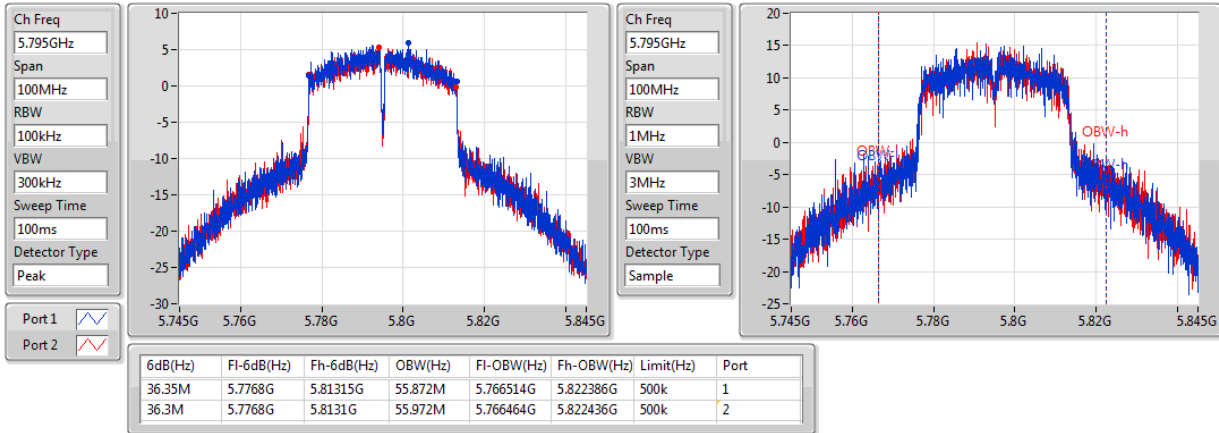

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5755MHz

18/12/2017

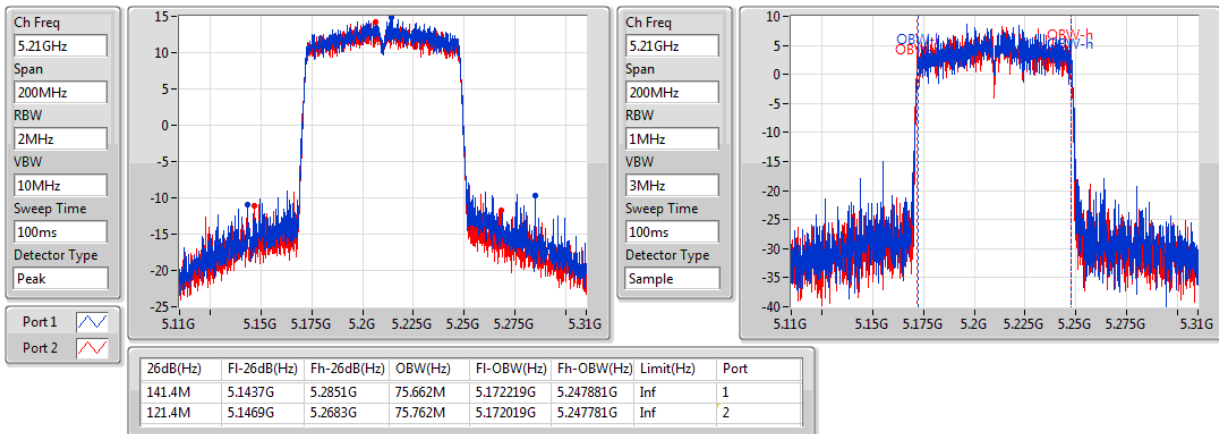


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5795MHz

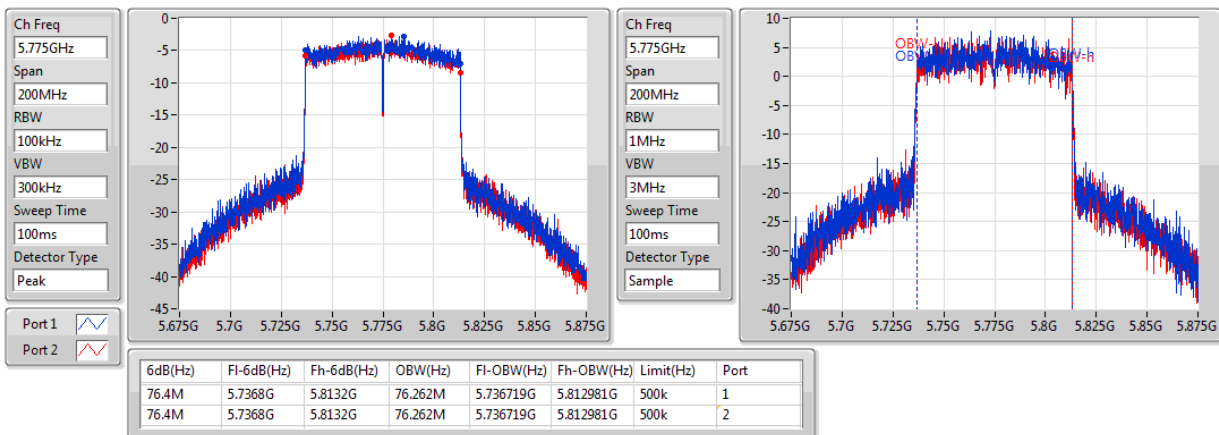
18/12/2017


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5210MHz

18/12/2017


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5775MHz

18/12/2017



Test Mode: Mode 2. EUT with Set 2 antennas
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	35.25M	16.767M	16M8D1D	20.325M	16.367M
802.11ac VHT20_Nss1,(MCS0)_2TX	38.6M	17.966M	18M0D1D	23.075M	17.591M
802.11ac VHT40_Nss1,(MCS0)_2TX	85M	36.832M	36M8D1D	40.75M	36.082M
802.11ac VHT80_Nss1,(MCS0)_2TX	81.7M	75.862M	75M9D1D	81.4M	75.662M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.35M	27.136M	27M1D1D	16.3M	22.464M
802.11ac VHT20_Nss1,(MCS0)_2TX	17.575M	29.06M	29M1D1D	17.55M	27.686M
802.11ac VHT40_Nss1,(MCS0)_2TX	36.35M	55.972M	56M0D1D	36.3M	36.132M
802.11ac VHT80_Nss1,(MCS0)_2TX	76.4M	76.262M	76M3D1D	76.4M	76.262M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

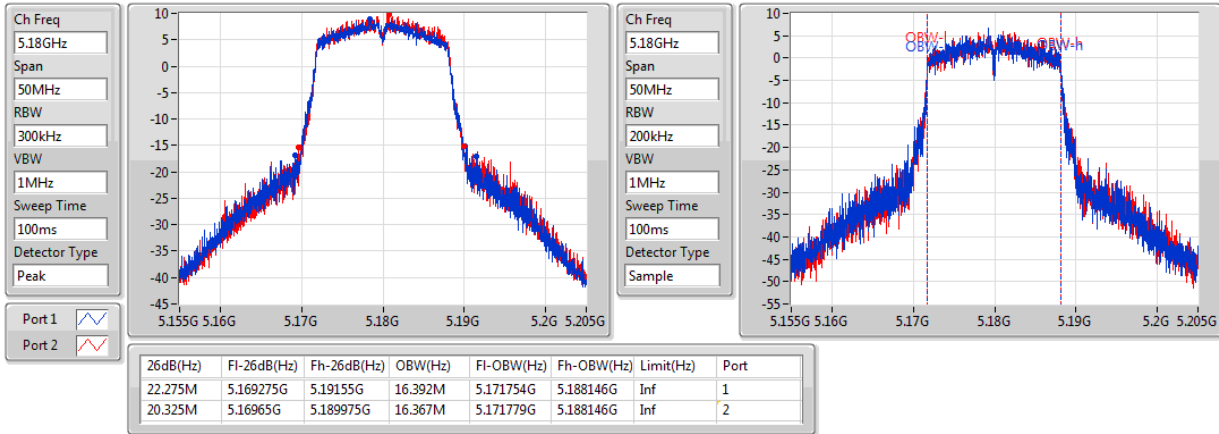
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.275M	16.392M	20.325M	16.367M
5200MHz	Pass	Inf	28.7M	16.592M	29.45M	16.517M
5240MHz	Pass	Inf	35.25M	16.767M	31.375M	16.542M
5745MHz	Pass	500k	16.3M	26.387M	16.35M	27.011M
5785MHz	Pass	500k	16.3M	26.912M	16.35M	27.136M
5825MHz	Pass	500k	16.325M	23.738M	16.325M	22.464M
802.11ac_VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	28.05M	17.616M	23.075M	17.591M
5200MHz	Pass	Inf	34.175M	17.791M	38.6M	17.841M
5240MHz	Pass	Inf	37.575M	17.966M	33.975M	17.766M
5745MHz	Pass	500k	17.575M	27.686M	17.55M	28.411M
5785MHz	Pass	500k	17.575M	29.06M	17.575M	28.086M
5825MHz	Pass	500k	17.575M	28.011M	17.575M	28.236M
802.11ac_VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.9M	36.132M	40.75M	36.082M
5230MHz	Pass	Inf	85M	36.832M	79.95M	36.432M
5755MHz	Pass	500k	36.35M	36.132M	36.35M	36.132M
5795MHz	Pass	500k	36.35M	55.872M	36.3M	55.972M
802.11ac_VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.7M	75.862M	81.4M	75.662M
5775MHz	Pass	500k	76.4M	76.262M	76.4M	76.262M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

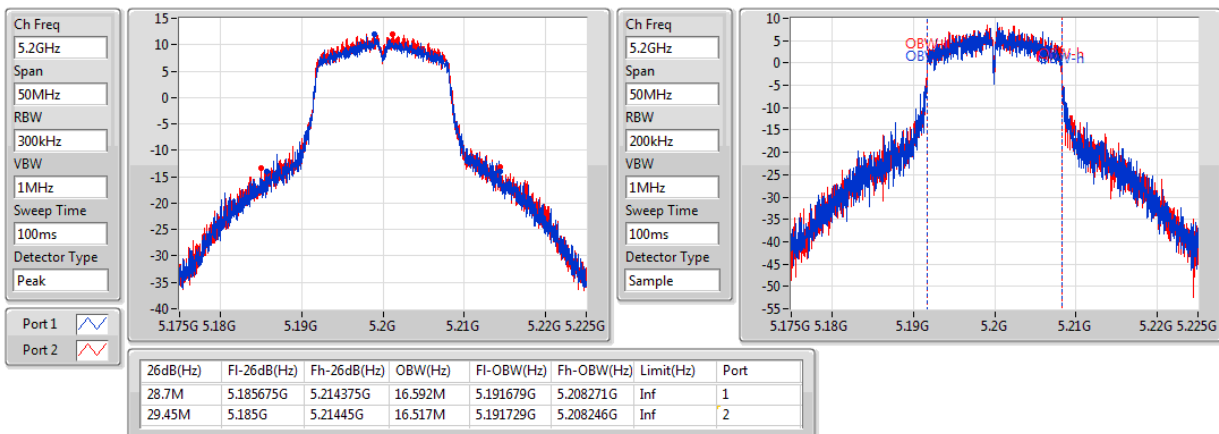
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

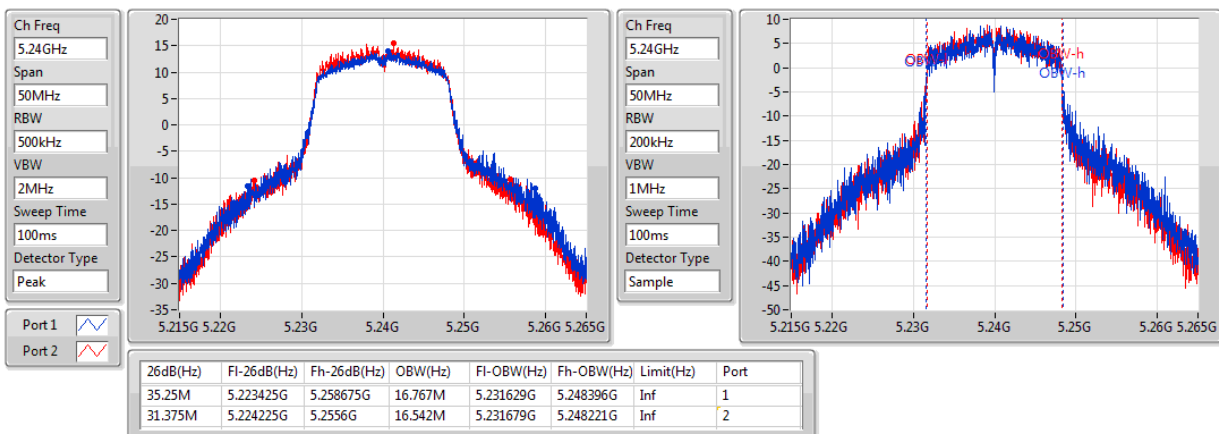
25/12/2017


802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

25/12/2017

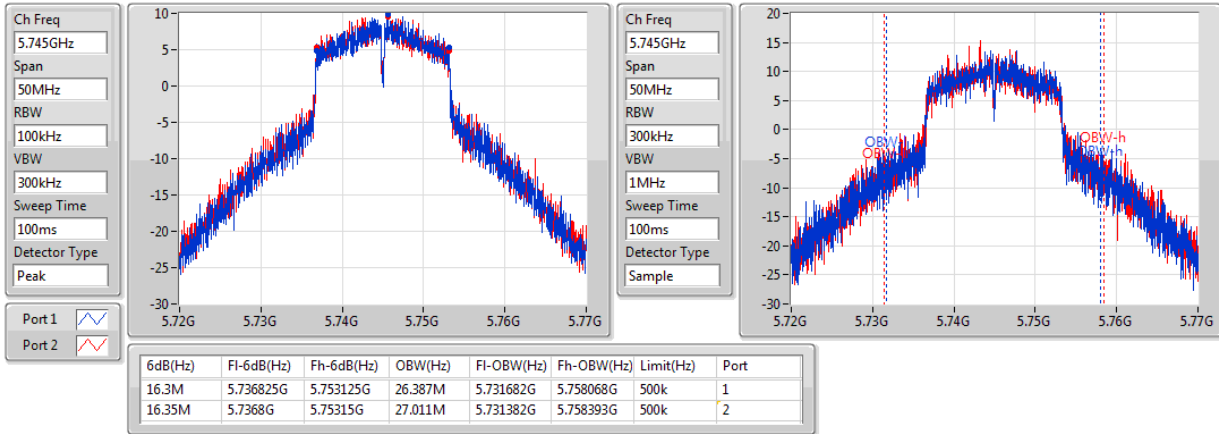

802.11a_Nss1,(6Mbps)_2TX
EBW
5240MHz

25/12/2017

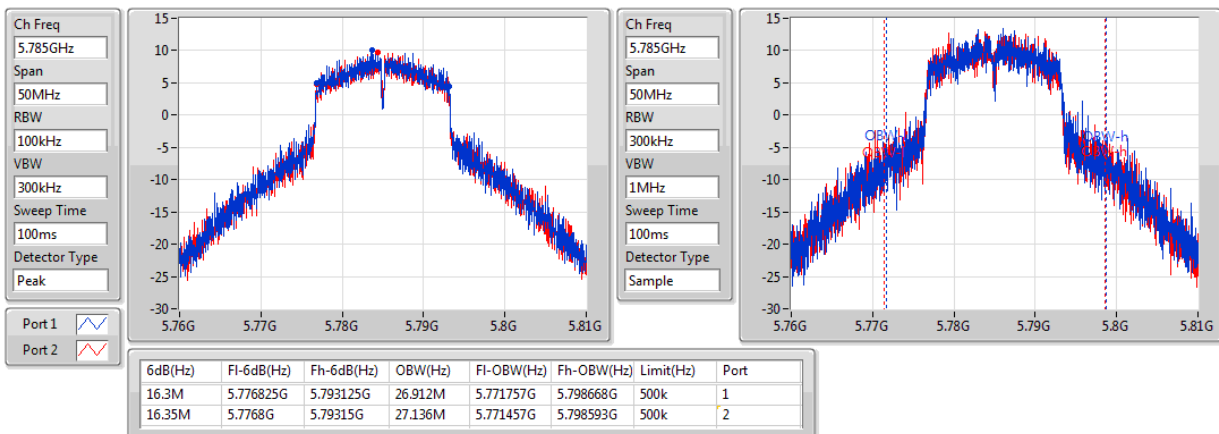


802.11a_Nss1,(6Mbps)_2TX
EBW
5745MHz

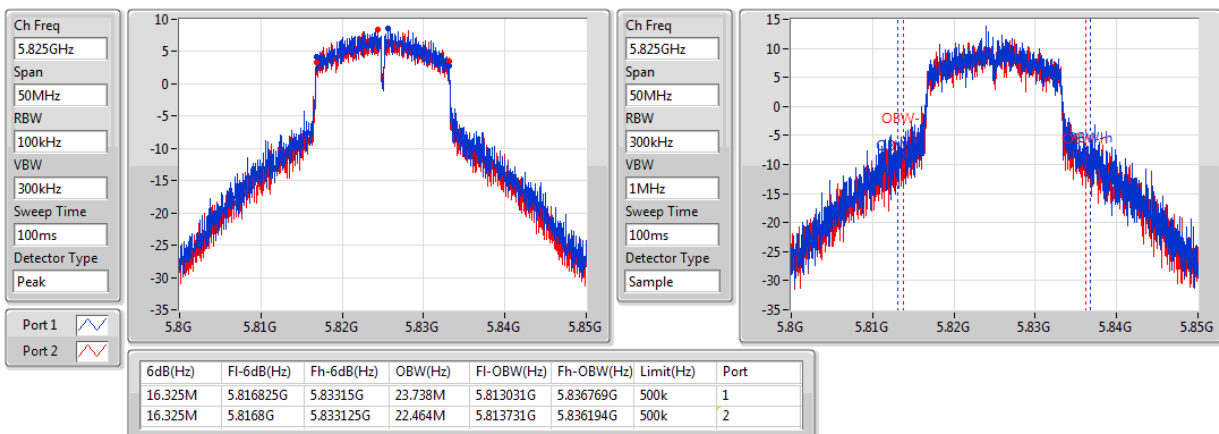
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802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

18/12/2017

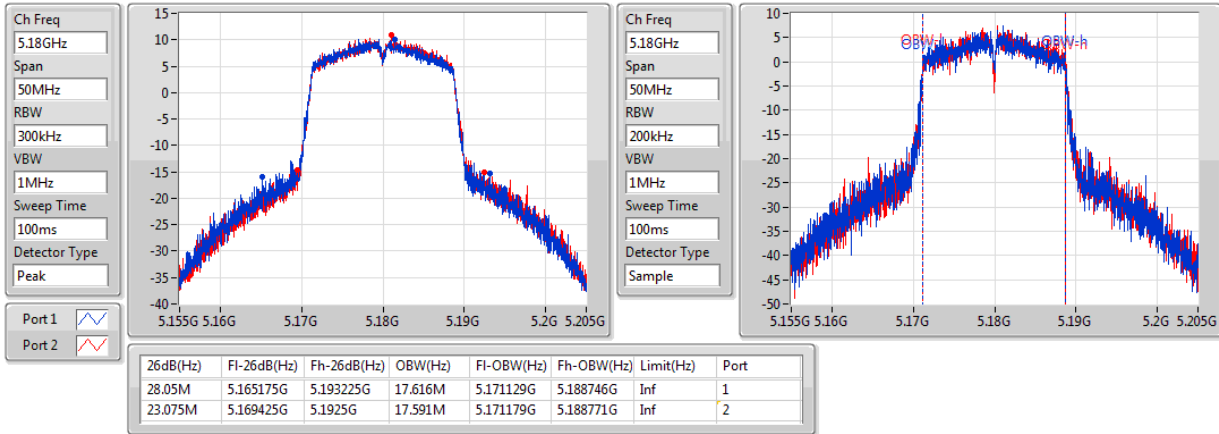

802.11a_Nss1,(6Mbps)_2TX
EBW
5825MHz

25/12/2017

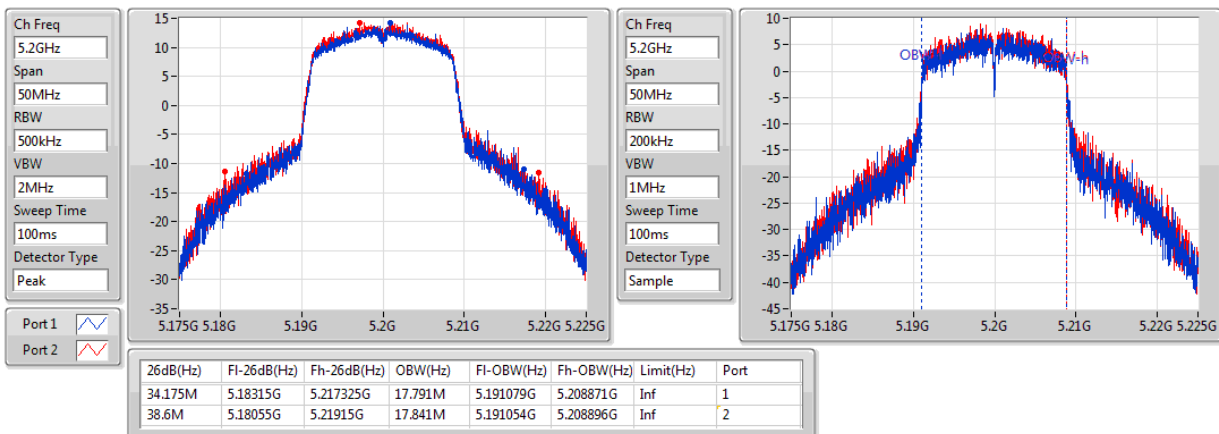


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5180MHz

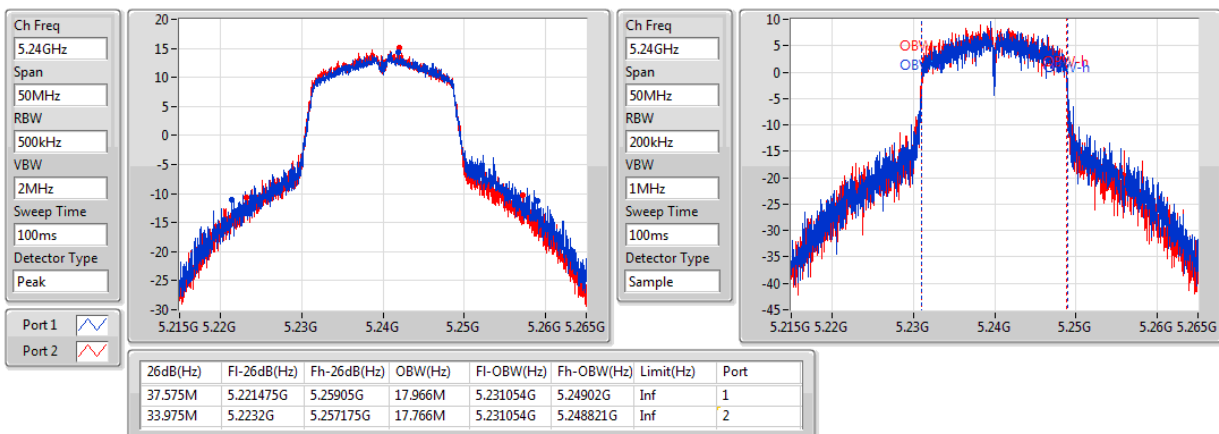
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802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5200MHz

25/12/2017

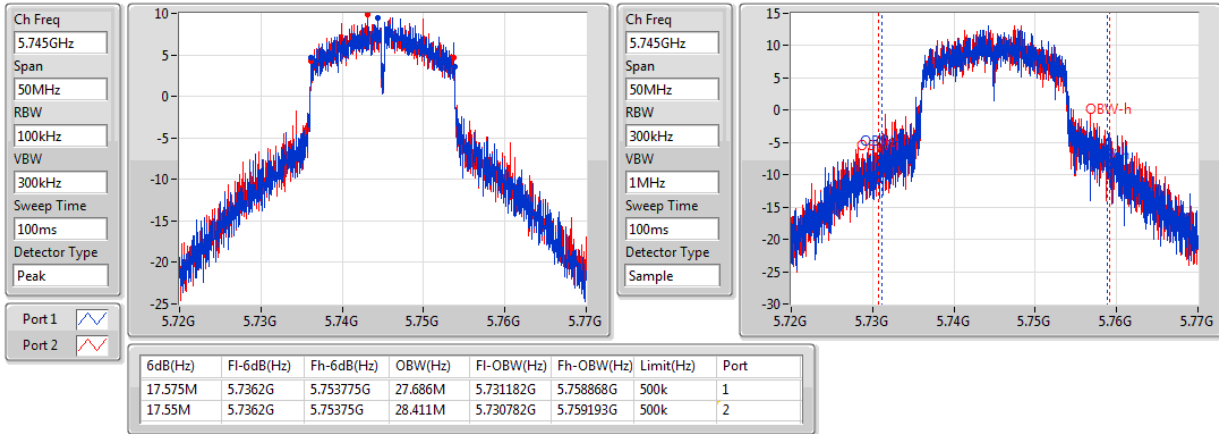

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5240MHz

25/12/2017

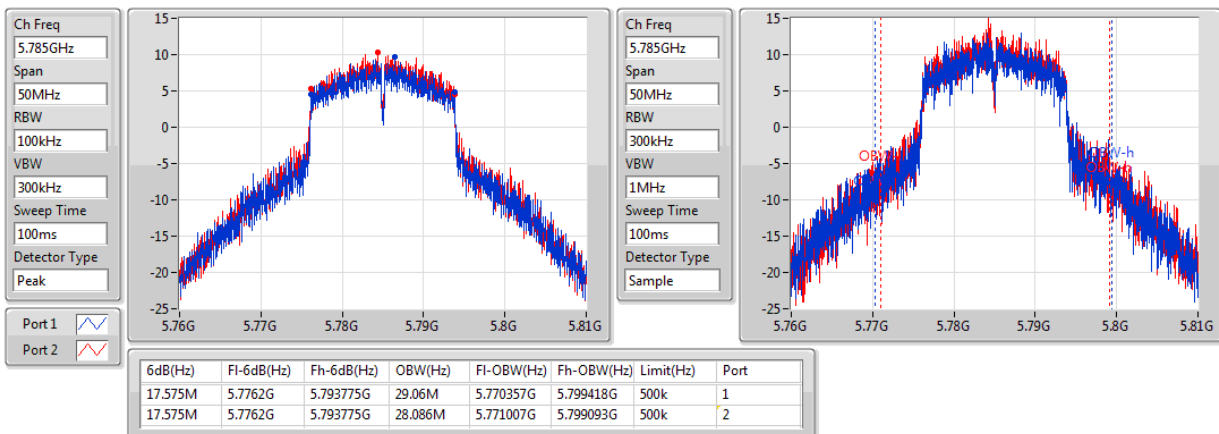


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5745MHz

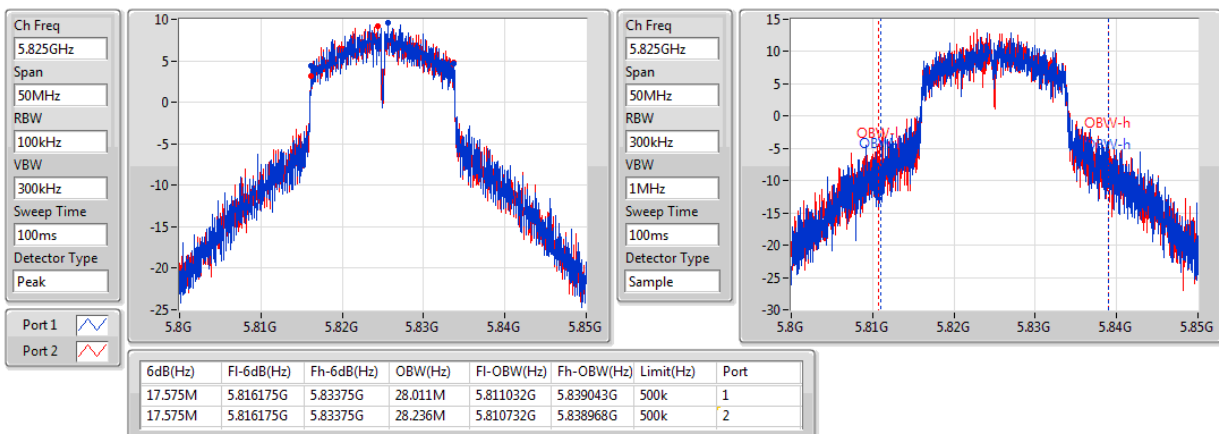
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802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5785MHz

25/12/2017

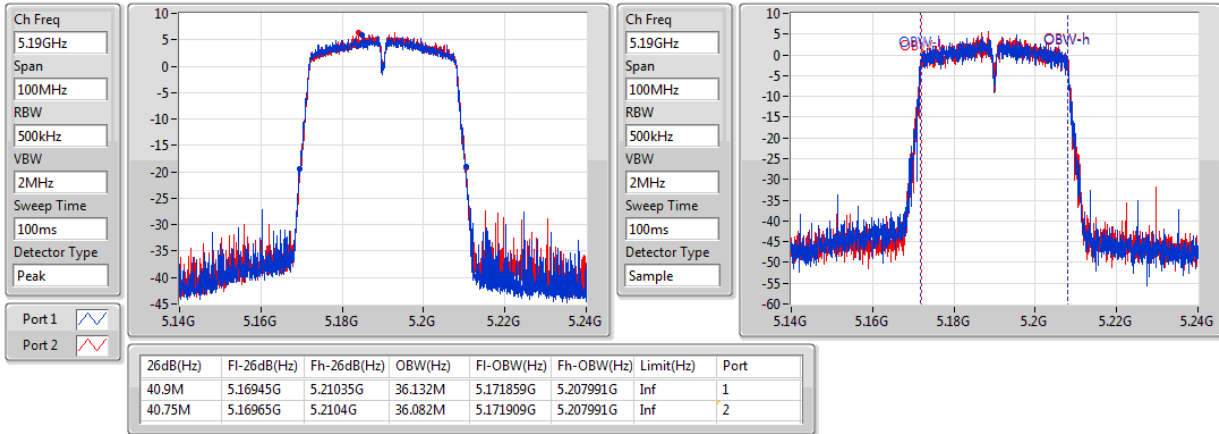

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5825MHz

25/12/2017

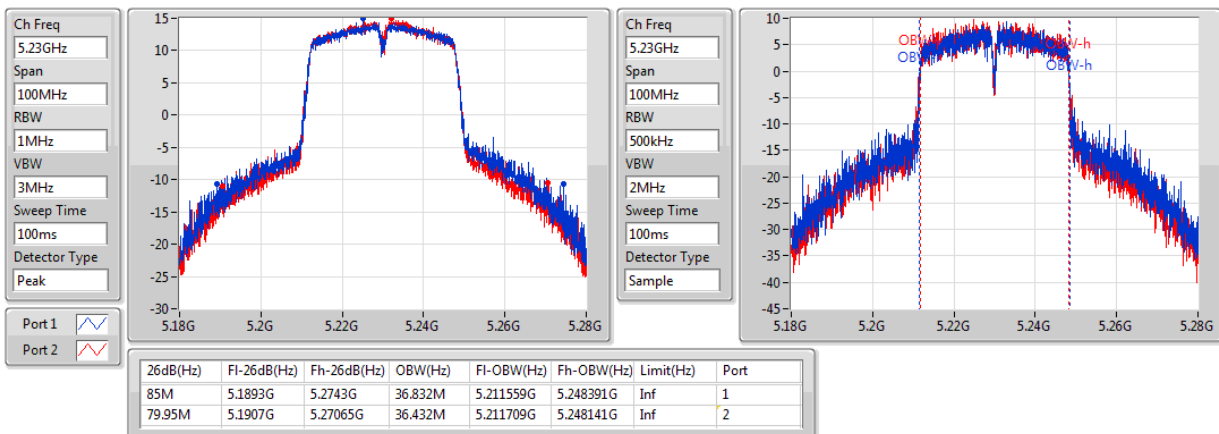


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5190MHz

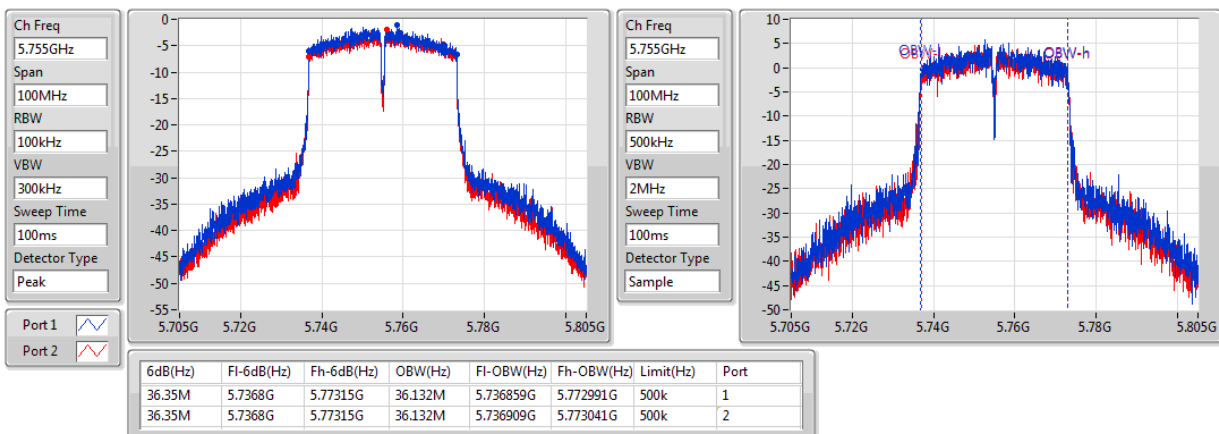
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802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5230MHz

25/12/2017

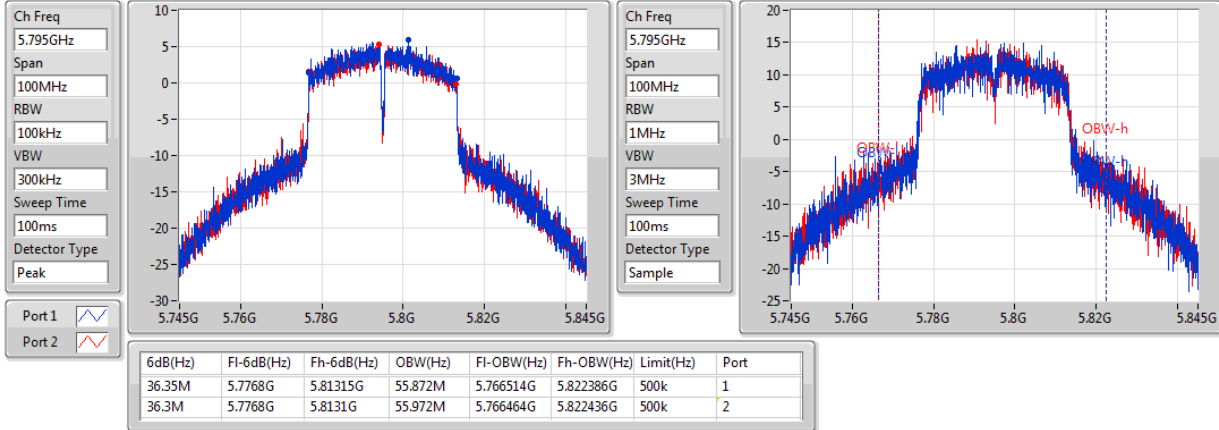

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5755MHz

25/12/2017

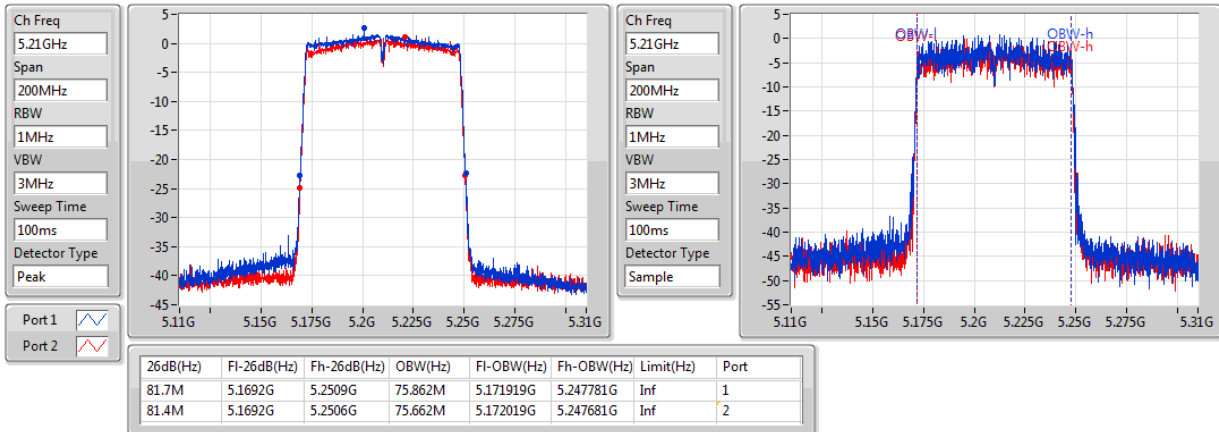


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5795MHz

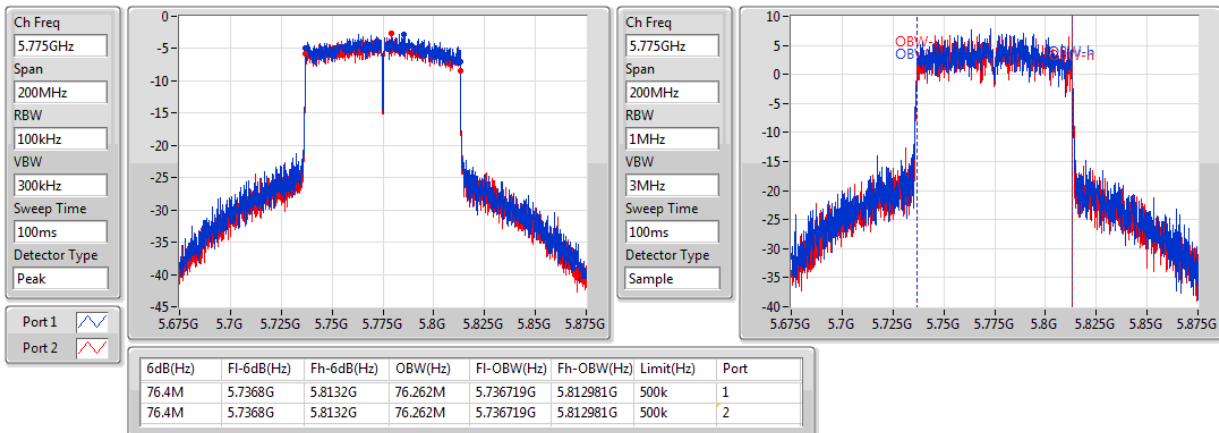
18/12/2017


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5210MHz

25/12/2017


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5775MHz

18/12/2017



Test Mode: Mode 3. EUT with Set 3 antennas
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	29.45M	16.65M	16M6D1D	23.025M	16.525M
802.11ac VHT20_Nss1,(MCS0)_2TX	37.85M	17.791M	17M8D1D	23.25M	17.566M
802.11ac VHT40_Nss1,(MCS0)_2TX	94.8M	38.231M	38M2D1D	41.55M	36.032M
802.11ac VHT80_Nss1,(MCS0)_2TX	91.3M	75.862M	75M9D1D	82.5M	75.762M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.375M	27.136M	27M1D1D	16.3M	24.45M
802.11ac VHT20_Nss1,(MCS0)_2TX	17.6M	27.636M	27M6D1D	17.5M	26.862M
802.11ac VHT40_Nss1,(MCS0)_2TX	36.4M	58.121M	58M1D1D	36.35M	53.223M
802.11ac VHT80_Nss1,(MCS0)_2TX	76.5M	76.662M	76M7D1D	76.5M	76.462M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

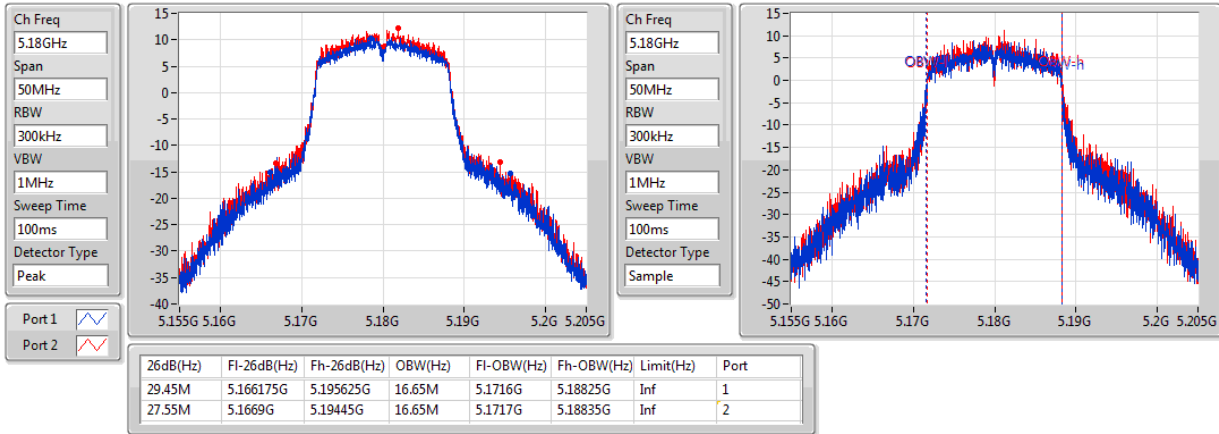
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	29.45M	16.65M	27.55M	16.65M
5200MHz	Pass	Inf	27.725M	16.55M	26.45M	16.6M
5240MHz	Pass	Inf	25.75M	16.575M	23.025M	16.525M
5745MHz	Pass	500k	16.3M	26.387M	16.35M	27.011M
5785MHz	Pass	500k	16.3M	26.912M	16.35M	27.136M
5825MHz	Pass	500k	16.35M	24.45M	16.375M	25.15M
802.11ac_VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	23.25M	17.566M	25.475M	17.566M
5200MHz	Pass	Inf	33.725M	17.666M	31.925M	17.691M
5240MHz	Pass	Inf	37.85M	17.791M	34.625M	17.766M
5745MHz	Pass	500k	17.5M	27.611M	17.575M	27.636M
5785MHz	Pass	500k	17.575M	27.436M	17.6M	27.436M
5825MHz	Pass	500k	17.575M	26.862M	17.6M	27.336M
802.11ac_VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	48.65M	36.032M	41.55M	36.132M
5230MHz	Pass	Inf	94.8M	38.231M	84.85M	36.932M
5755MHz	Pass	500k	36.4M	58.121M	36.35M	58.021M
5795MHz	Pass	500k	36.35M	53.223M	36.35M	54.123M
802.11ac_VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.5M	75.762M	91.3M	75.862M
5775MHz	Pass	500k	76.5M	76.662M	76.5M	76.462M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

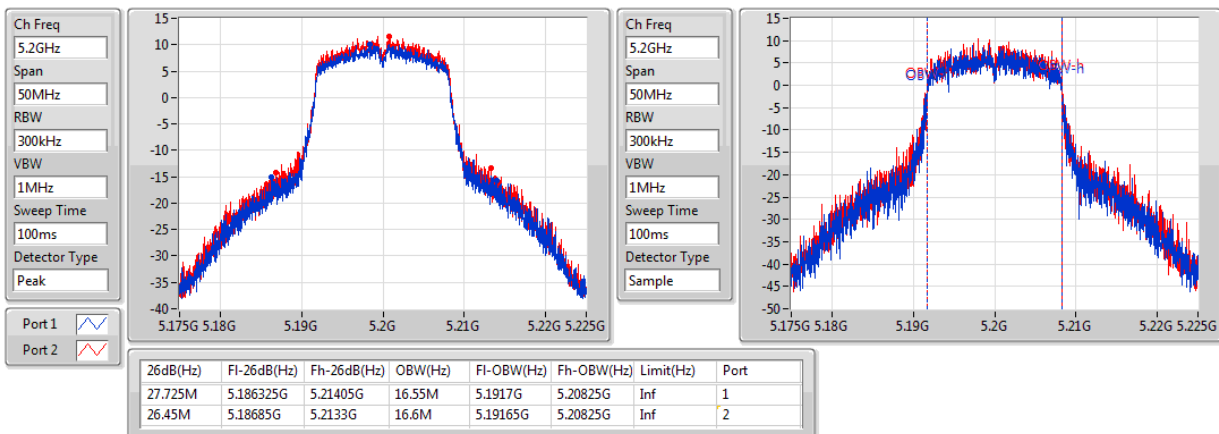
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

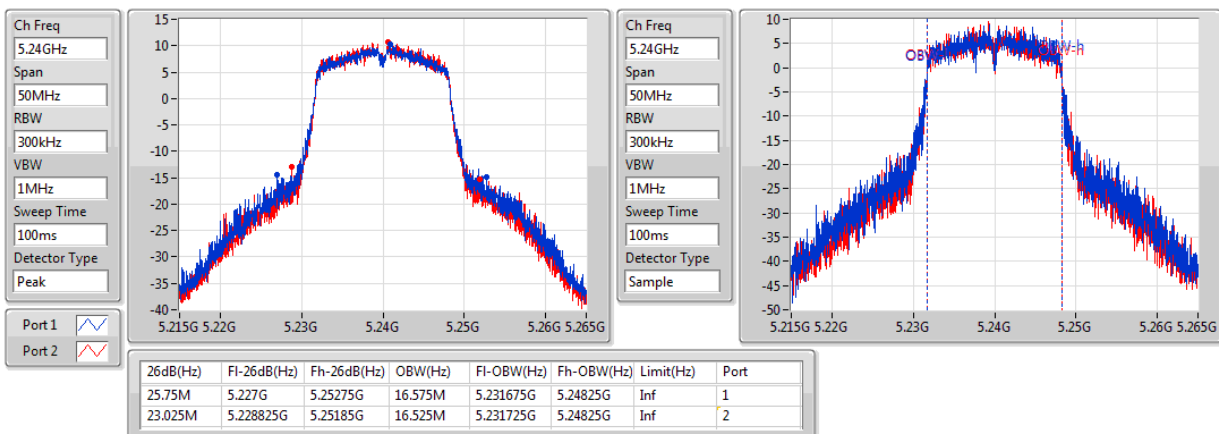
02/02/2018


802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

02/02/2018

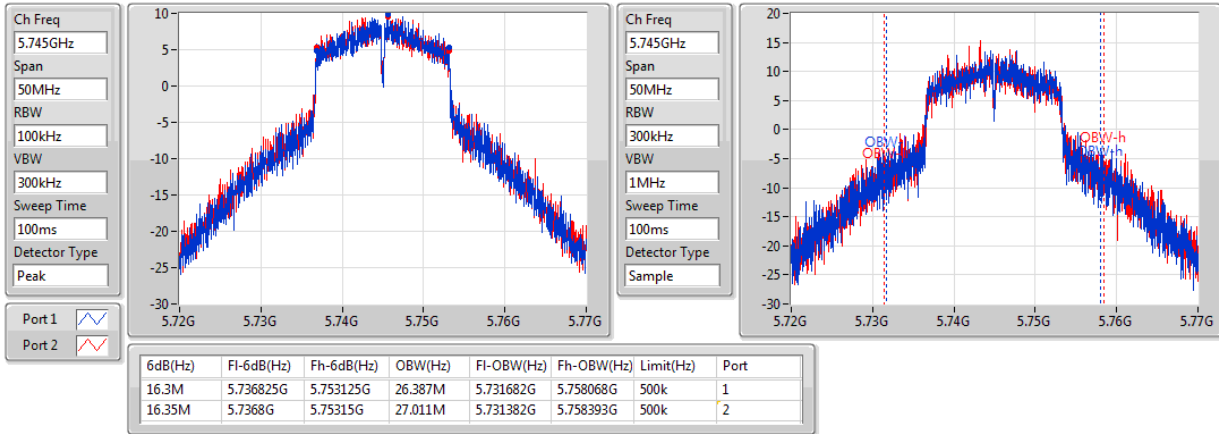

802.11a_Nss1,(6Mbps)_2TX
EBW
5240MHz

03/02/2018

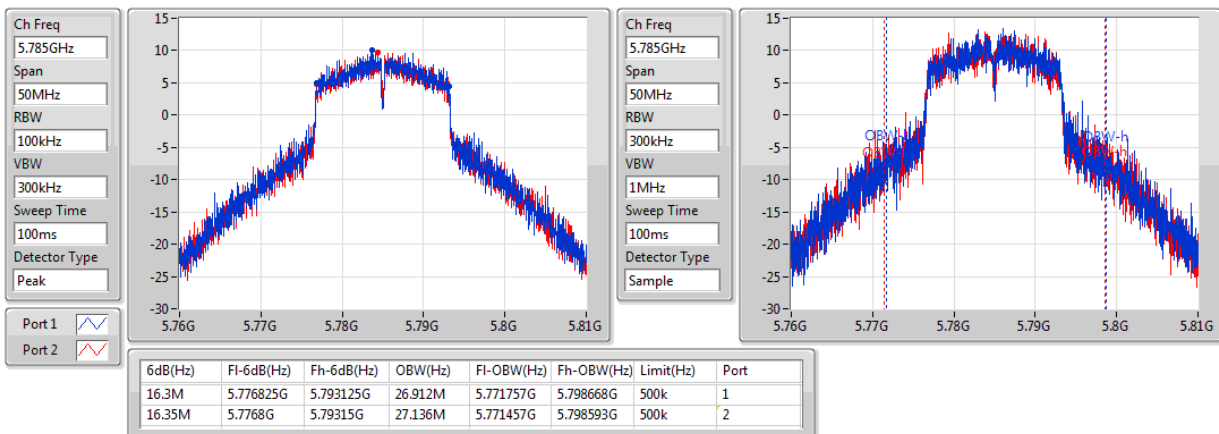


802.11a_Nss1,(6Mbps)_2TX
EBW
5745MHz

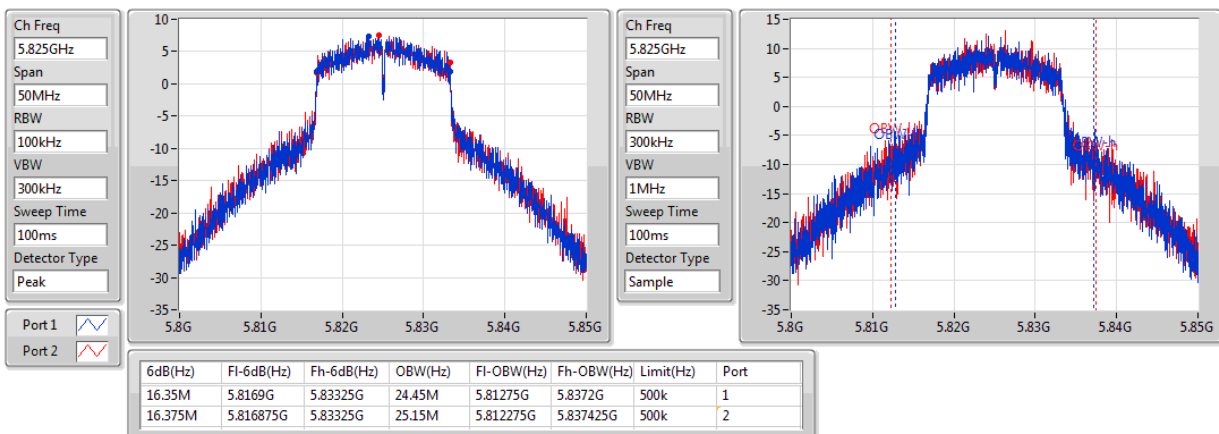
25/12/2017


802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

18/12/2017

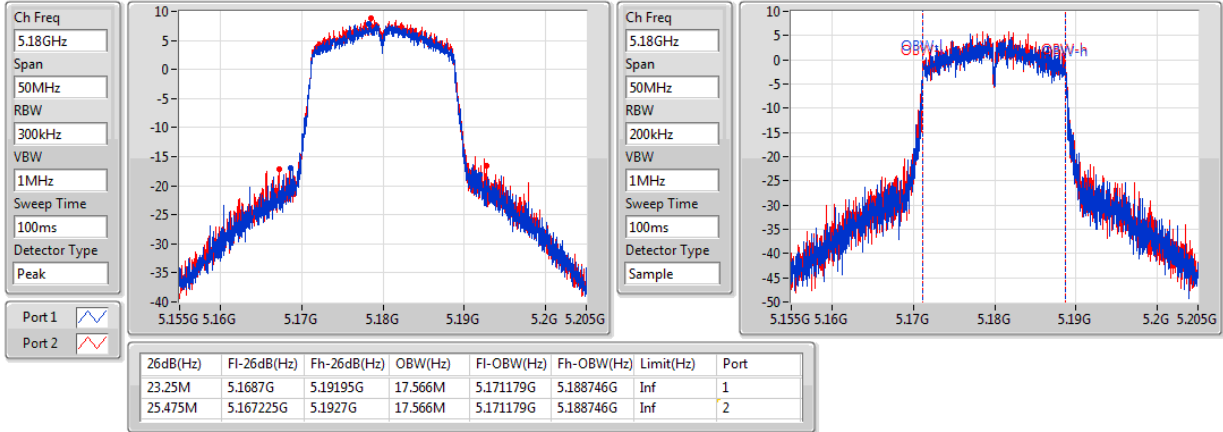

802.11a_Nss1,(6Mbps)_2TX
EBW
5825MHz

03/02/2018

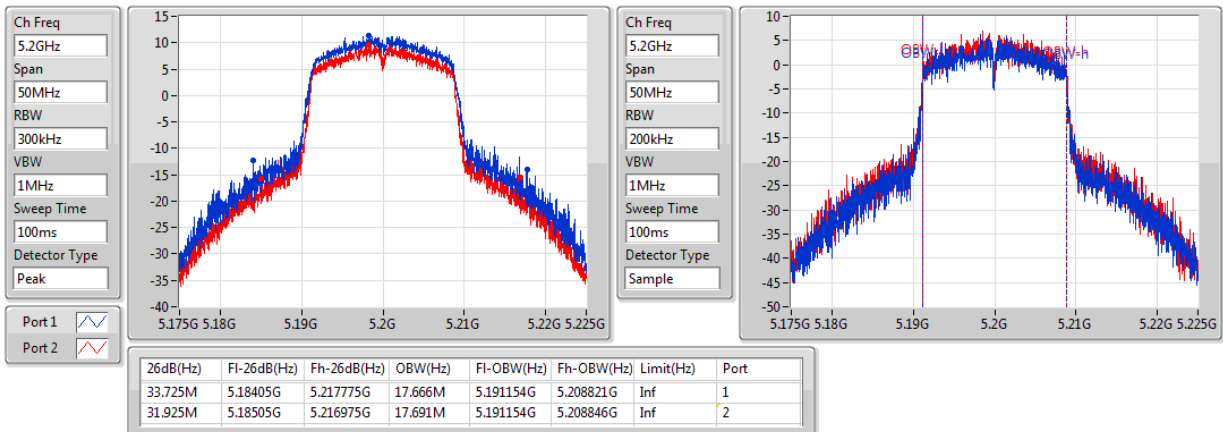


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5180MHz

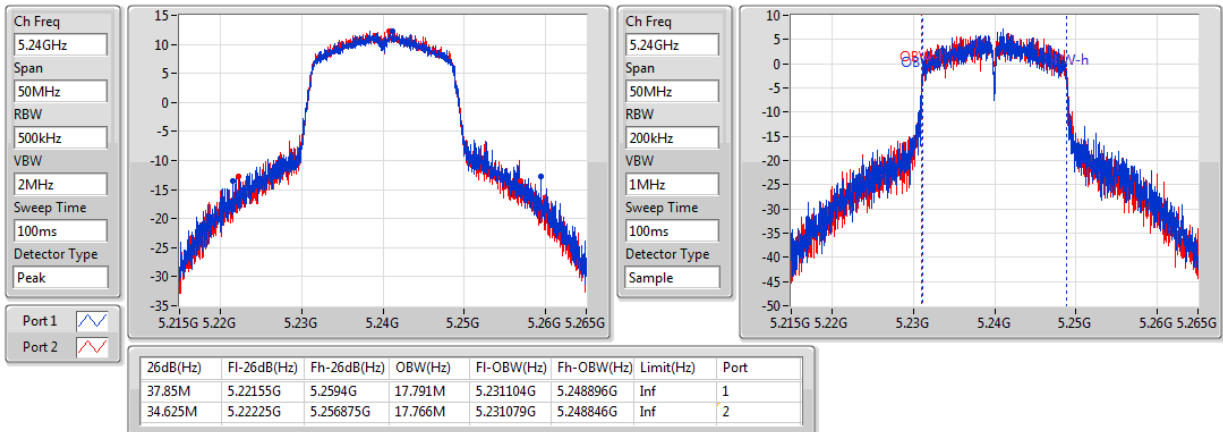
05/02/2018


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5200MHz

05/02/2018

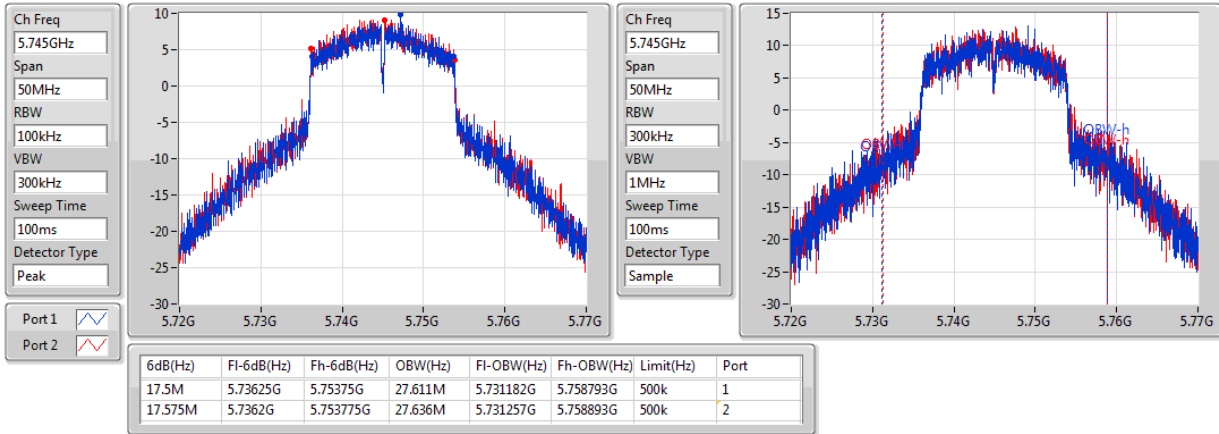

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5240MHz

05/02/2018

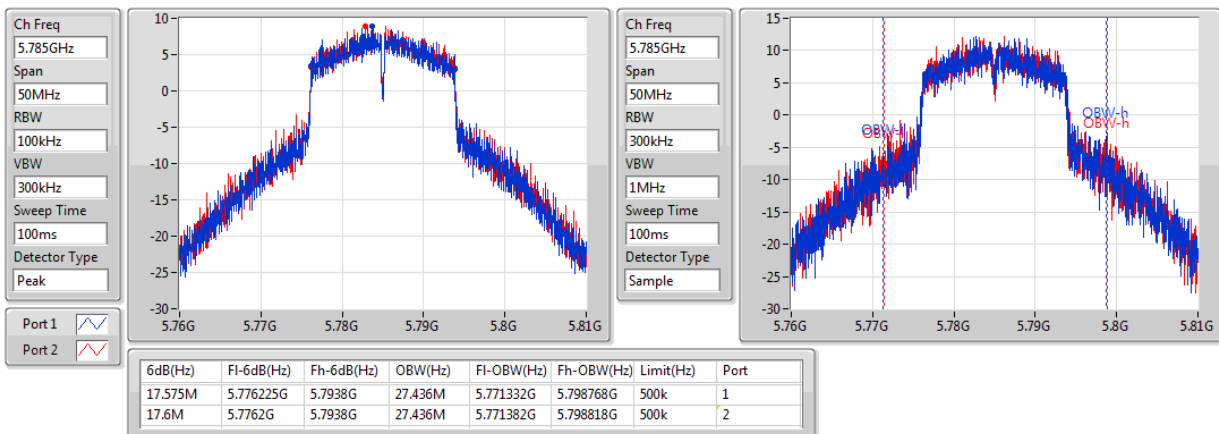


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5745MHz

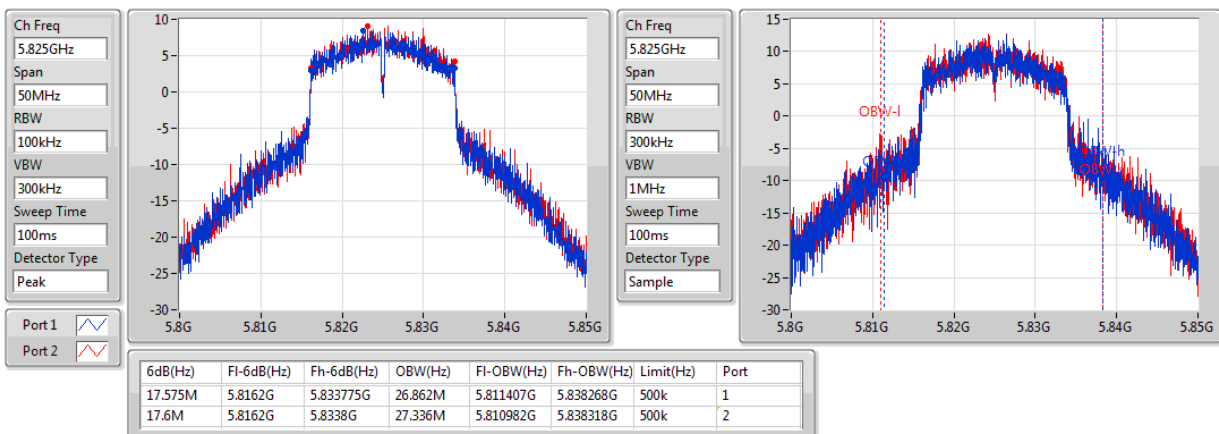
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802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5785MHz

05/02/2018

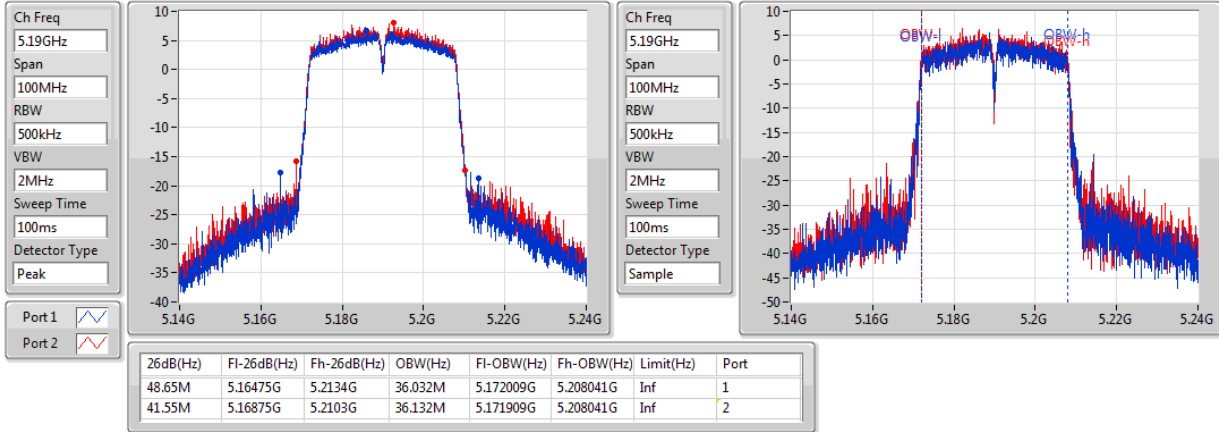

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5825MHz

05/02/2018

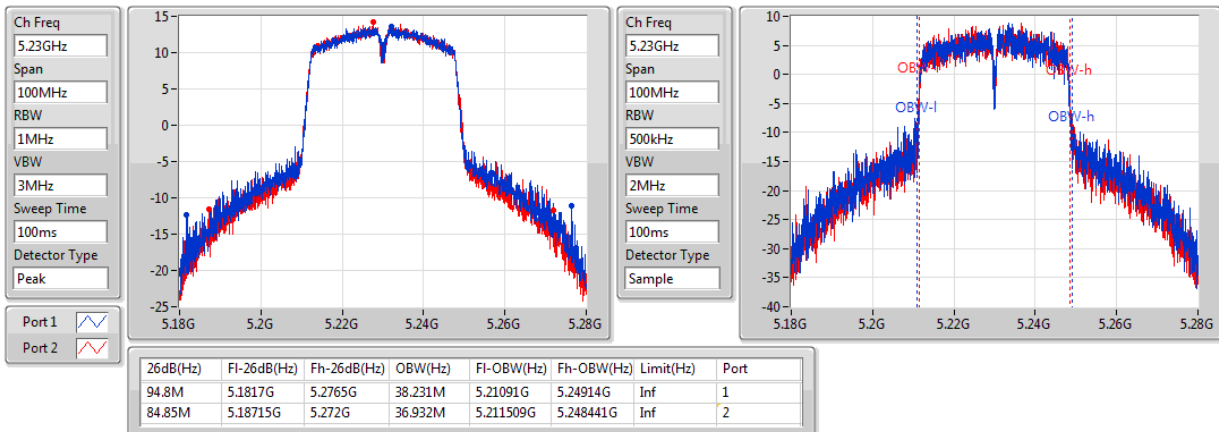


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5190MHz

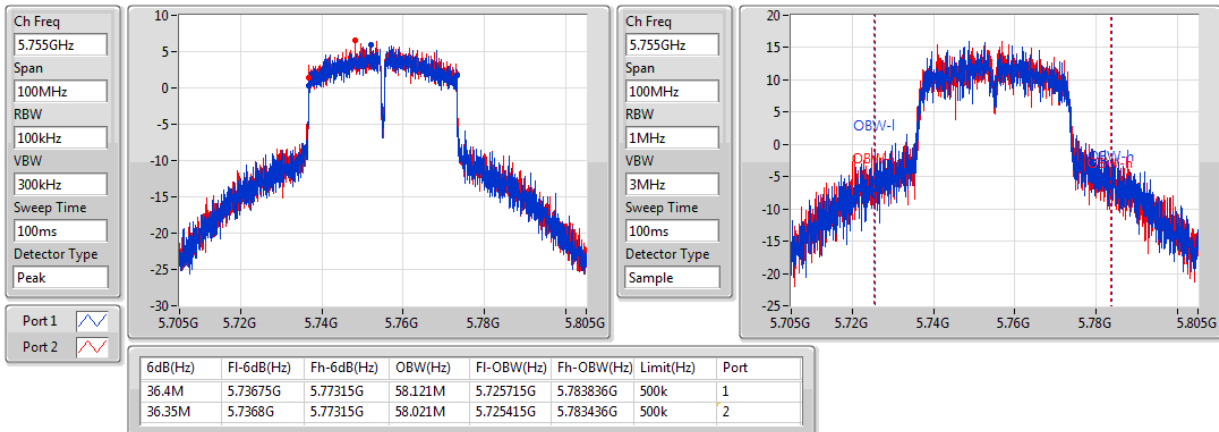
05/02/2018


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5230MHz

05/02/2018

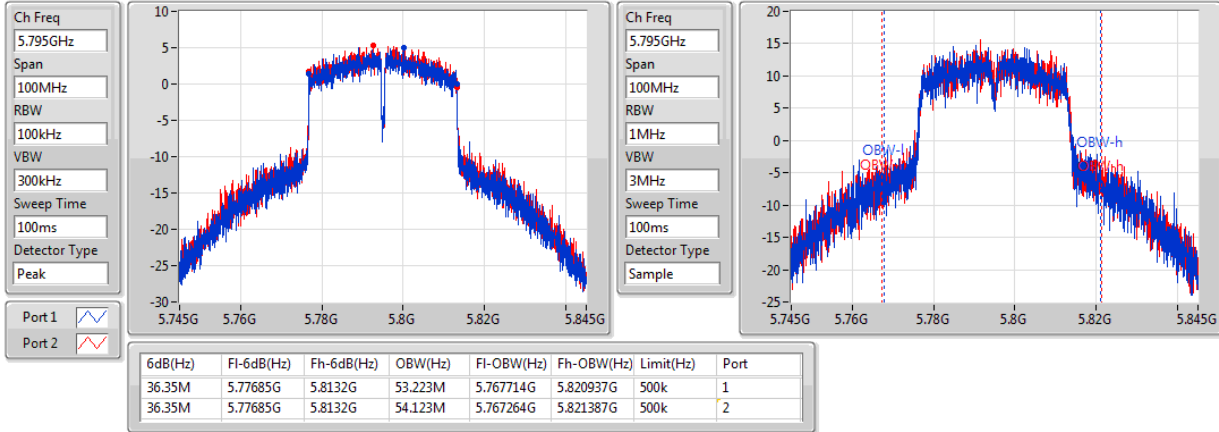

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5755MHz

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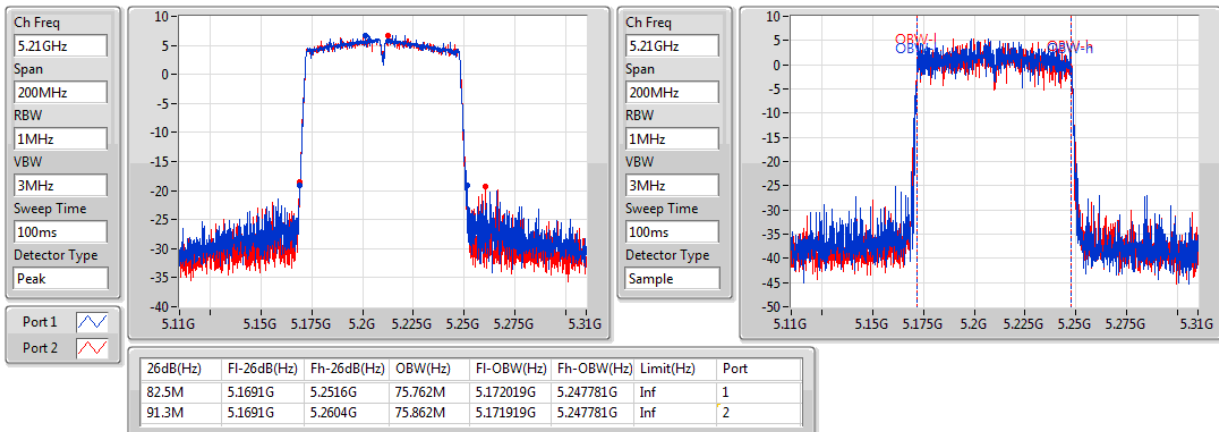


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5795MHz

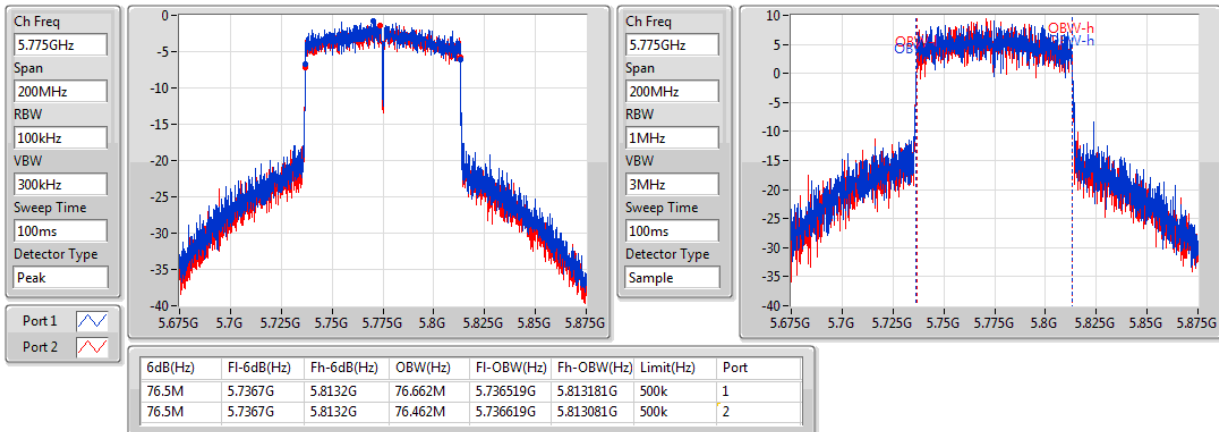
05/02/2018


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5210MHz

05/02/2018


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5775MHz

05/02/2018



Test Mode: Mode 1. EUT with Set 1 antennas

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	20.29	0.10691
802.11ac VHT20_Nss1,(MCS0)_2TX	20.72	0.11803
802.11ac VHT40_Nss1,(MCS0)_2TX	23.82	0.24099
802.11ac VHT80_Nss1,(MCS0)_2TX	21.32	0.13552
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	25.73	0.37411
802.11ac VHT20_Nss1,(MCS0)_2TX	25.64	0.36644
802.11ac VHT40_Nss1,(MCS0)_2TX	25.35	0.34277
802.11ac VHT80_Nss1,(MCS0)_2TX	20.62	0.11535

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.92	16.98	17.15	20.08	23.98
5200MHz	Pass	5.92	17.15	17.33	20.25	23.98
5240MHz	Pass	5.92	17.37	17.18	20.29	23.98
5745MHz	Pass	5.92	18.76	18.41	21.60	30.00
5785MHz	Pass	5.92	22.80	22.64	25.73	30.00
5825MHz	Pass	5.92	20.19	19.75	22.99	30.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.92	17.55	17.87	20.72	23.98
5200MHz	Pass	5.92	17.41	17.79	20.61	23.98
5240MHz	Pass	5.92	17.84	17.47	20.67	23.98
5745MHz	Pass	5.92	19.05	18.67	21.87	30.00
5785MHz	Pass	5.92	22.69	22.57	25.64	30.00
5825MHz	Pass	5.92	20.29	19.96	23.14	30.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.92	12.12	11.72	14.93	23.98
5230MHz	Pass	5.92	20.97	20.65	23.82	23.98
5755MHz	Pass	5.92	20.04	19.64	22.85	30.00
5795MHz	Pass	5.92	22.38	22.30	25.35	30.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.92	18.45	18.16	21.32	23.98
5775MHz	Pass	5.92	17.72	17.49	20.62	30.00

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

**Test Mode: Mode 2. EUT with Set 2 antennas****Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.29	0.21330
802.11ac VHT20_Nss1,(MCS0)_2TX	23.49	0.22336
802.11ac VHT40_Nss1,(MCS0)_2TX	23.82	0.24099
802.11ac VHT80_Nss1,(MCS0)_2TX	14.08	0.02559
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	25.87	0.38637
802.11ac VHT20_Nss1,(MCS0)_2TX	25.93	0.39174
802.11ac VHT40_Nss1,(MCS0)_2TX	25.35	0.34277
802.11ac VHT80_Nss1,(MCS0)_2TX	20.62	0.11535

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.52	17.51	17.73	20.63	23.98
5200MHz	Pass	3.52	19.76	20.26	23.03	23.98
5240MHz	Pass	3.52	20.11	20.44	23.29	23.98
5745MHz	Pass	3.52	22.8	22.91	25.87	30.00
5785MHz	Pass	3.52	22.8	22.64	25.73	30.00
5825MHz	Pass	3.52	21.83	21.6	24.73	30.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.52	18.74	18.98	21.87	23.98
5200MHz	Pass	3.52	20.07	20.75	23.43	23.98
5240MHz	Pass	3.52	20.32	20.64	23.49	23.98
5745MHz	Pass	3.52	22.82	22.9	25.87	30.00
5785MHz	Pass	3.52	22.49	23.31	25.93	30.00
5825MHz	Pass	3.52	22.53	22.7	25.63	30.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.52	15.49	15.67	18.59	23.98
5230MHz	Pass	3.52	20.97	20.65	23.82	23.98
5755MHz	Pass	3.52	16.05	15.52	18.80	30.00
5795MHz	Pass	3.52	22.38	22.3	25.35	30.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.52	11.45	10.65	14.08	23.98
5775MHz	Pass	3.52	17.72	17.49	20.62	30.00

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

**Test Mode: Mode 3. EUT with Set 3 antennas****Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.68	0.14723
802.11ac VHT20_Nss1,(MCS0)_2TX	21.54	0.14256
802.11ac VHT40_Nss1,(MCS0)_2TX	23.82	0.24099
802.11ac VHT80_Nss1,(MCS0)_2TX	19.81	0.09572
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	25.87	0.38637
802.11ac VHT20_Nss1,(MCS0)_2TX	25.93	0.39174
802.11ac VHT40_Nss1,(MCS0)_2TX	25.35	0.34277
802.11ac VHT80_Nss1,(MCS0)_2TX	21.70	0.14791

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.59	18.42	18.76	21.60	23.98
5200MHz	Pass	5.59	18.38	18.95	21.68	23.98
5240MHz	Pass	5.59	18.35	18.81	21.60	23.98
5745MHz	Pass	5.59	22.8	22.91	25.87	30.00
5785MHz	Pass	5.59	22.8	22.64	25.73	30.00
5825MHz	Pass	5.59	22.37	22.42	25.41	30.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.59	18.24	18.36	21.31	23.98
5200MHz	Pass	5.59	18.23	18.63	21.44	23.98
5240MHz	Pass	5.59	18.39	18.67	21.54	23.98
5745MHz	Pass	5.59	22.82	22.9	25.87	30.00
5785MHz	Pass	5.59	22.49	23.31	25.93	30.00
5825MHz	Pass	5.59	22.53	22.7	25.63	30.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.59	17.59	17.76	20.69	23.98
5230MHz	Pass	5.59	20.97	20.65	23.82	23.98
5755MHz	Pass	5.59	22.32	22.27	25.31	30.00
5795MHz	Pass	5.59	22.38	22.3	25.35	30.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.59	16.62	16.97	19.81	23.98
5775MHz	Pass	5.59	18.76	18.61	21.70	30.00

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

Test Mode: Mode 1. EUT with Set 1 antennas
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	7.95
802.11ac VHT20_Nss1,(MCS0)_2TX	8.06
802.11ac VHT40_Nss1,(MCS0)_2TX	8.06
802.11ac VHT80_Nss1,(MCS0)_2TX	1.96
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	11.78
802.11ac VHT20_Nss1,(MCS0)_2TX	11.49
802.11ac VHT40_Nss1,(MCS0)_2TX	7.77
802.11ac VHT80_Nss1,(MCS0)_2TX	-0.45

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.93	4.57	4.70	7.65	8.07
5200MHz	Pass	8.93	4.81	5.01	7.93	8.07
5240MHz	Pass	8.93	5.07	4.86	7.95	8.07
5745MHz	Pass	8.93	4.88	4.48	7.69	27.07
5785MHz	Pass	8.93	8.88	8.73	11.78	27.07
5825MHz	Pass	8.93	6.45	5.94	9.16	27.07
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.93	4.90	5.18	8.03	8.07
5200MHz	Pass	8.93	4.88	5.29	8.06	8.07
5240MHz	Pass	8.93	5.23	4.85	8.04	8.07
5745MHz	Pass	8.93	5.09	4.66	7.85	27.07
5785MHz	Pass	8.93	8.62	8.46	11.49	27.07
5825MHz	Pass	8.93	6.35	5.95	9.12	27.07
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.93	-3.84	-4.19	-1.03	8.07
5230MHz	Pass	8.93	5.21	4.95	8.06	8.07
5755MHz	Pass	8.93	2.57	2.18	5.33	27.07
5795MHz	Pass	8.93	4.85	4.68	7.77	27.07
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.93	-0.90	-1.20	1.96	8.07
5775MHz	Pass	8.93	-3.31	-3.61	-0.45	27.07

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

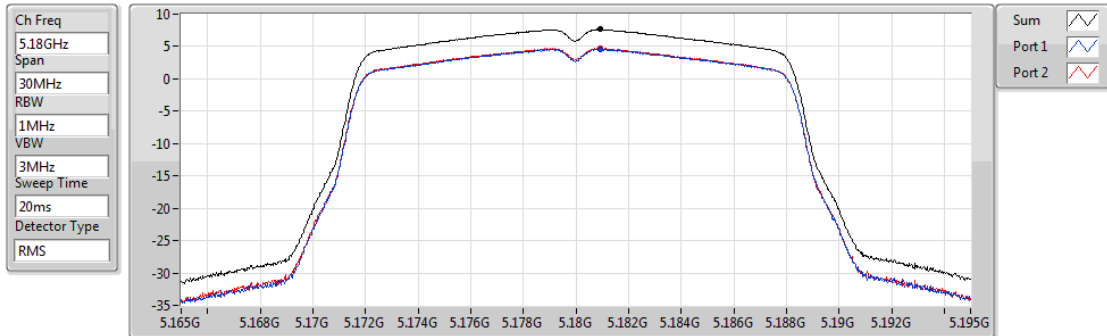
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

18/12/2017



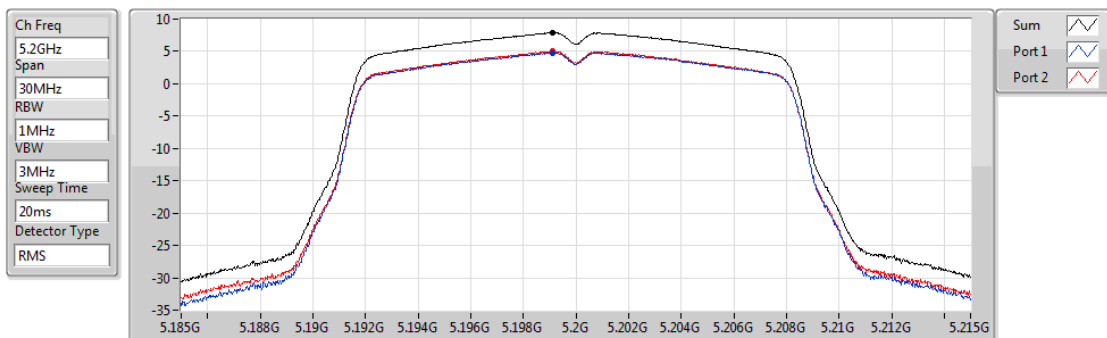
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.65	7.65	4.57	4.70

802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

18/12/2017



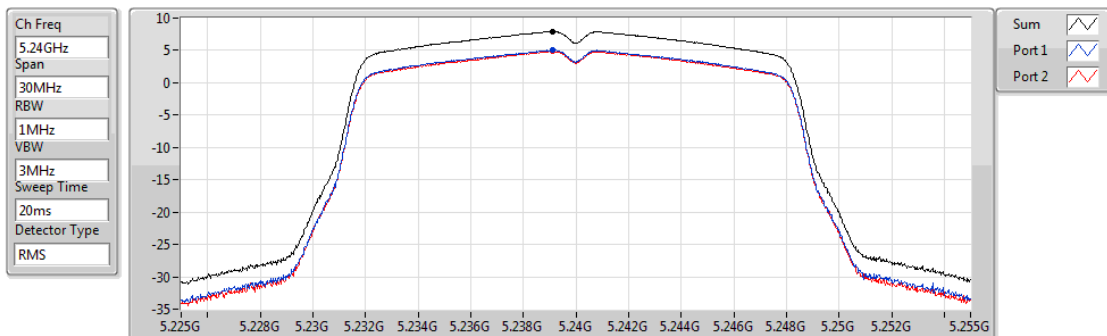
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	4.81	5.01

802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

18/12/2017



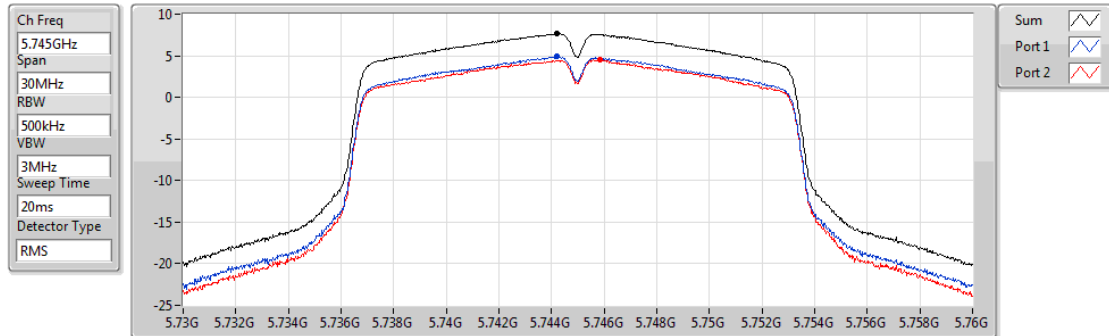
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.95	7.95	5.07	4.86

802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

18/12/2017



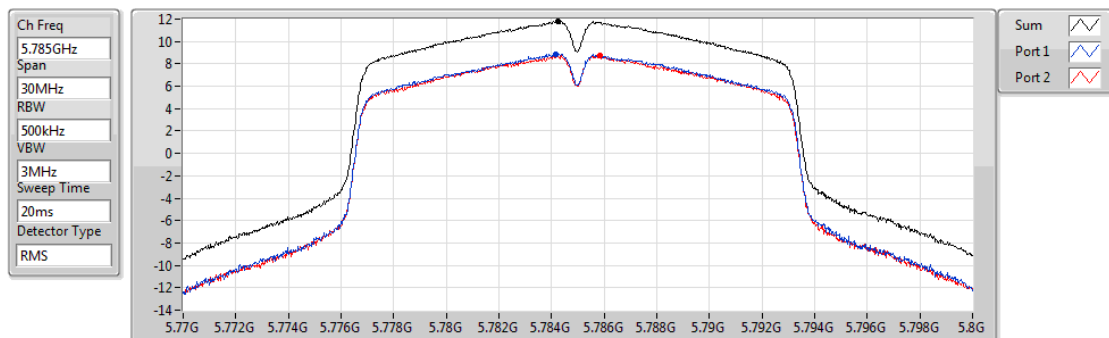
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.69	7.69	4.88	4.48

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

18/12/2017



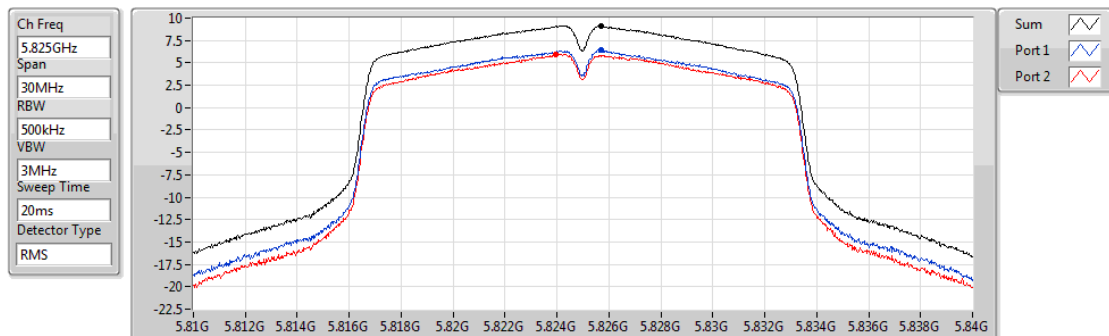
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.78	11.78	8.88	8.73

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

18/12/2017



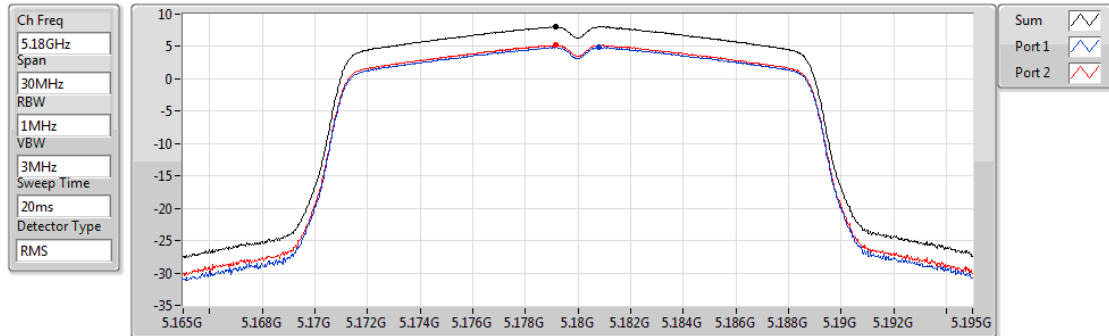
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.16	9.16	6.45	5.94

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz

PSD

18/12/2017



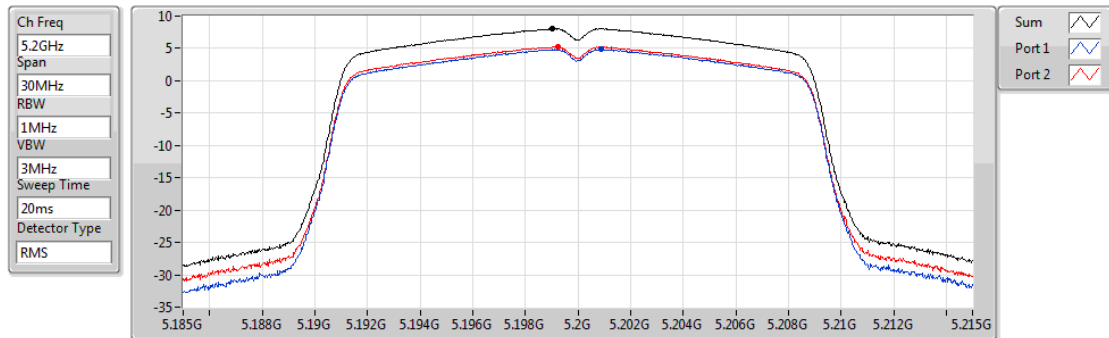
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.03	8.03	4.90	5.18

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz

PSD

18/12/2017



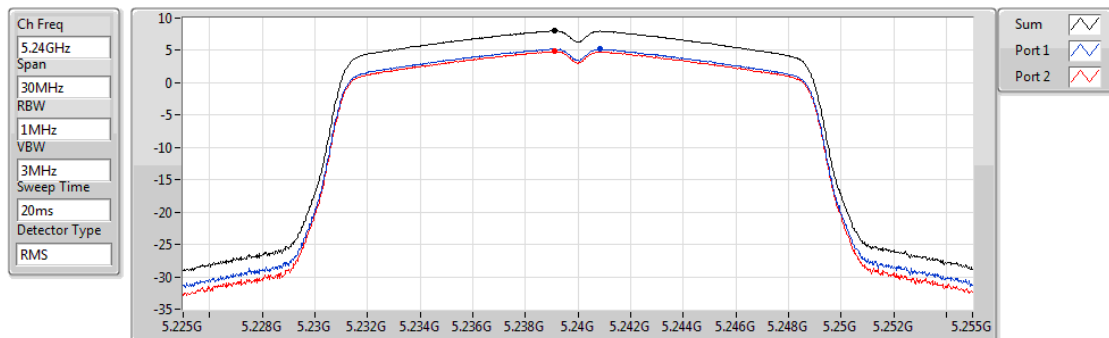
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.06	8.06	4.88	5.29

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz

PSD

18/12/2017



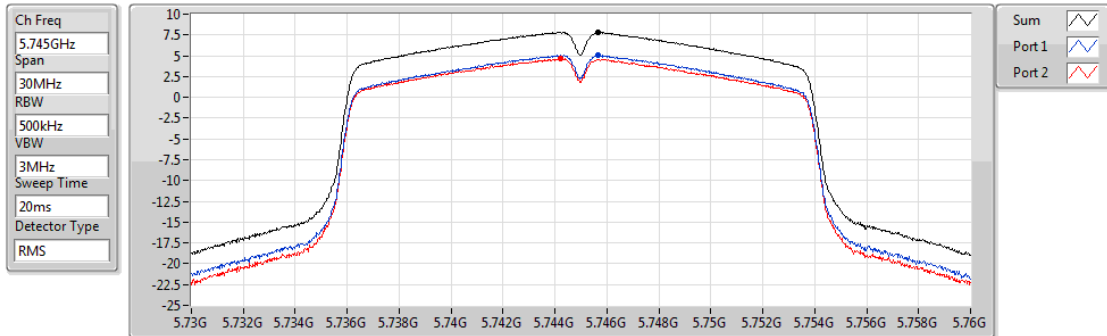
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.04	8.04	5.23	4.85

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5745MHz

18/12/2017



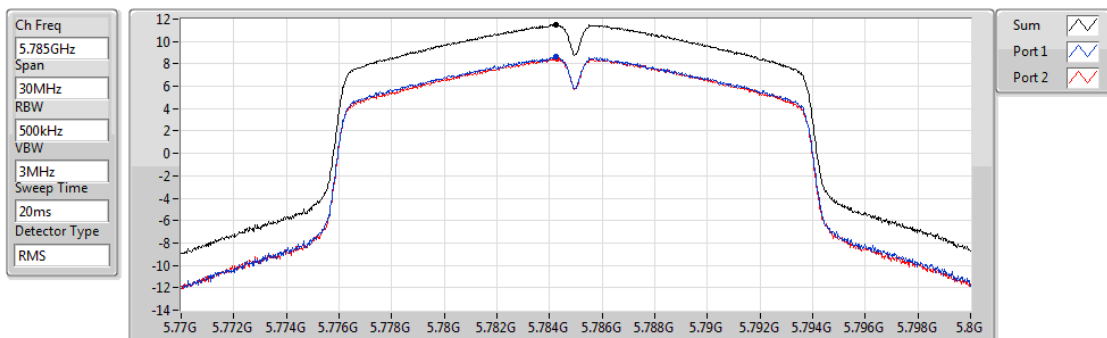
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	5.09	4.66

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5785MHz

18/12/2017



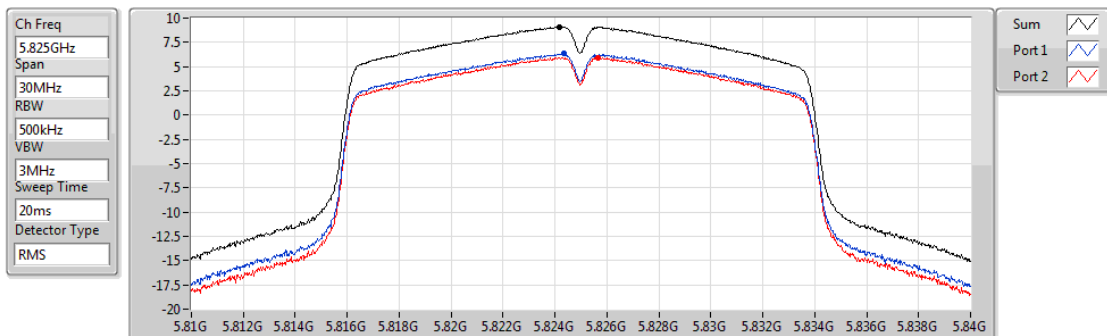
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.49	11.49	8.62	8.46

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5825MHz

18/12/2017



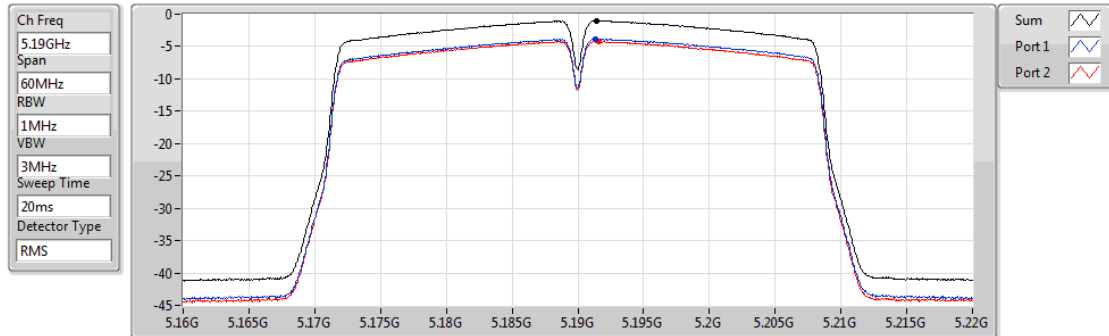
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.12	9.12	6.35	5.95

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5190MHz

18/12/2017



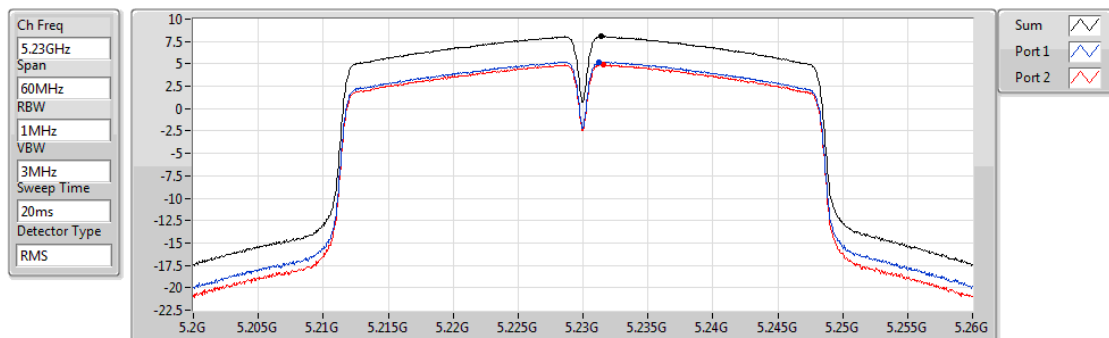
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.03	-1.03	-3.84	-4.19

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5230MHz

18/12/2017



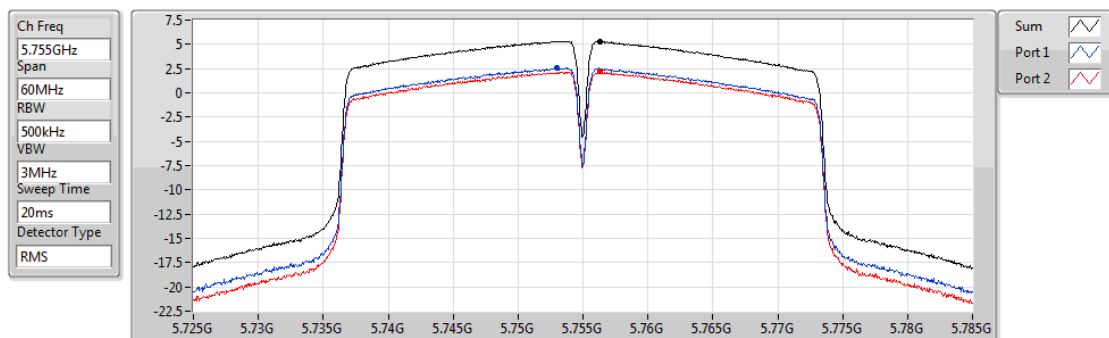
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.06	8.06	5.21	4.95

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5755MHz

18/12/2017



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.33	5.33	2.57	2.18

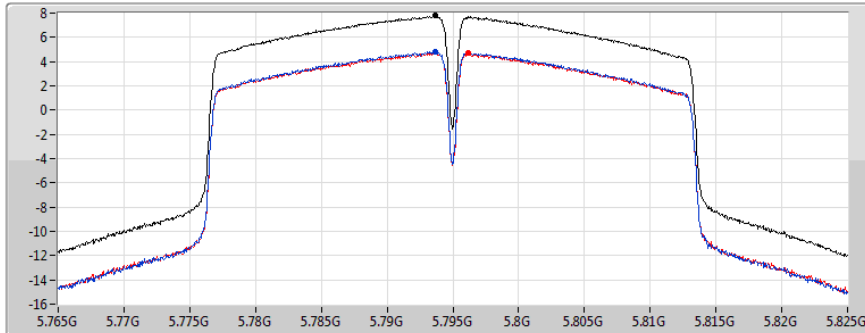
802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5795MHz

18/12/2017

Ch Freq
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum ☒
Port 1 ☒
Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.77	7.77	4.85	4.68

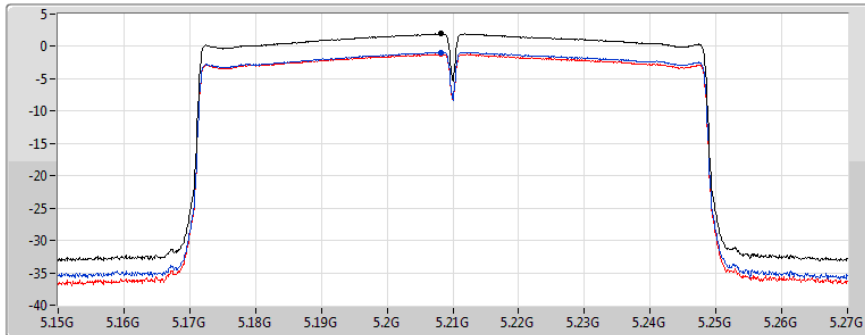
802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5210MHz

18/12/2017

Ch Freq
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum ☒
Port 1 ☒
Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.96	1.96	-0.90	-1.20

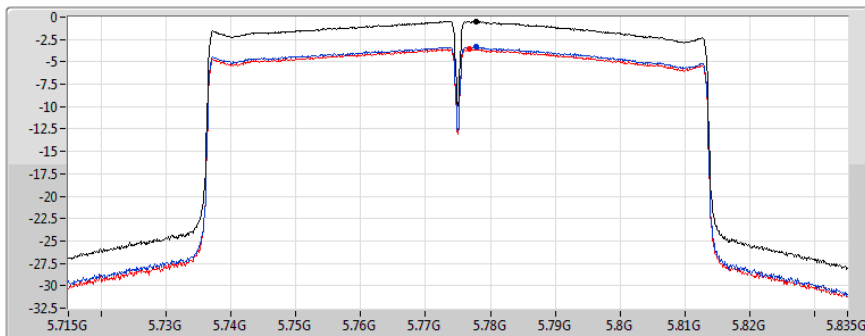
802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5775MHz

18/12/2017

Ch Freq
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum ☒
Port 1 ☒
Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.45	-0.45	-3.31	-3.61

Test Mode: Mode 2. EUT with Set 2 antennas**Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.74
802.11ac VHT20_Nss1,(MCS0)_2TX	10.76
802.11ac VHT40_Nss1,(MCS0)_2TX	7.50
802.11ac VHT80_Nss1,(MCS0)_2TX	-5.77
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	11.65
802.11ac VHT20_Nss1,(MCS0)_2TX	11.58
802.11ac VHT40_Nss1,(MCS0)_2TX	7.96
802.11ac VHT80_Nss1,(MCS0)_2TX	-0.96

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.19	4.90	5.10	7.98	10.81
5200MHz	Pass	6.19	7.15	7.68	10.42	10.81
5240MHz	Pass	6.19	7.53	7.93	10.74	10.81
5745MHz	Pass	6.19	8.66	8.78	11.65	29.81
5785MHz	Pass	6.19	8.08	8.97	11.52	29.81
5825MHz	Pass	6.19	7.68	7.48	10.54	29.81
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.19	5.88	6.12	8.96	10.81
5200MHz	Pass	6.19	7.27	7.90	10.61	10.81
5240MHz	Pass	6.19	7.62	7.95	10.76	10.81
5745MHz	Pass	6.19	8.48	8.64	11.52	29.81
5785MHz	Pass	6.19	8.12	9.09	11.58	29.81
5825MHz	Pass	6.19	8.18	8.28	11.20	29.81
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.19	-0.89	-0.57	2.26	10.81
5230MHz	Pass	6.19	4.30	4.74	7.50	10.81
5755MHz	Pass	6.19	-1.54	-2.20	1.15	29.81
5795MHz	Pass	6.19	4.68	5.26	7.96	29.81
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.19	-8.35	-9.23	-5.77	10.81
5775MHz	Pass	6.19	-3.93	-3.95	-0.96	29.81

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

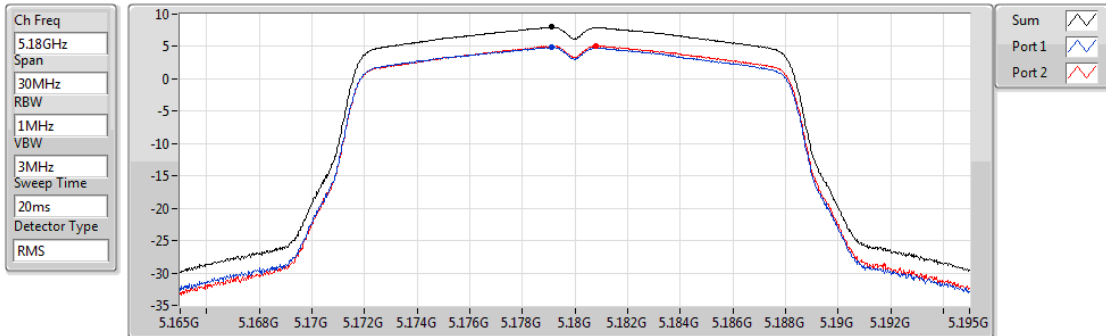
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

25/12/2017



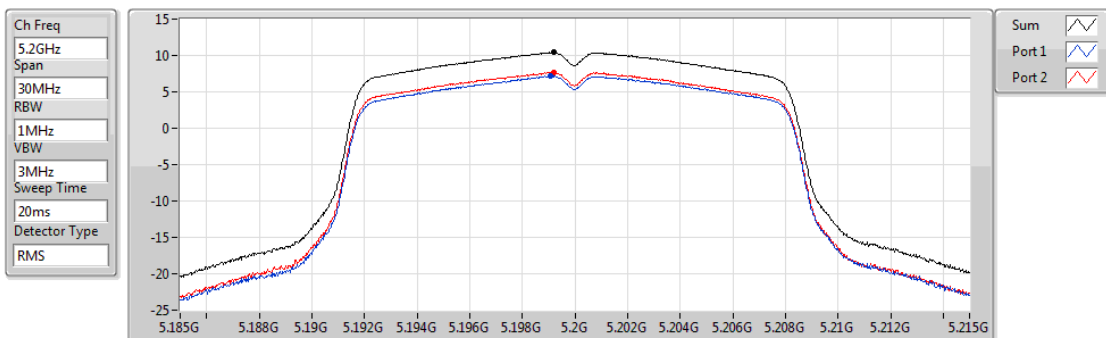
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.98	7.98	4.90	5.10

802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

25/12/2017



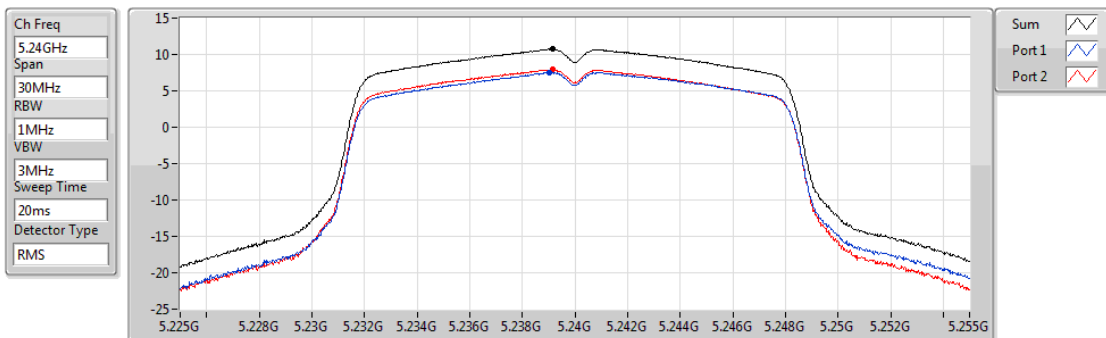
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.42	10.42	7.15	7.68

802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

25/12/2017



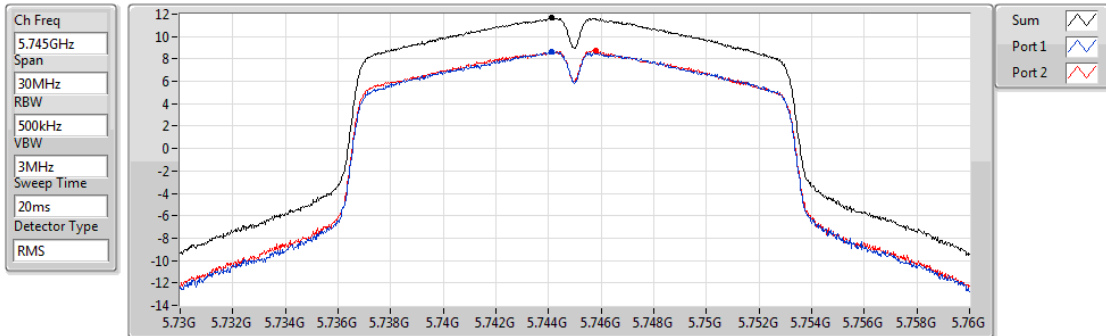
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.74	10.74	7.53	7.93

802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

25/12/2017



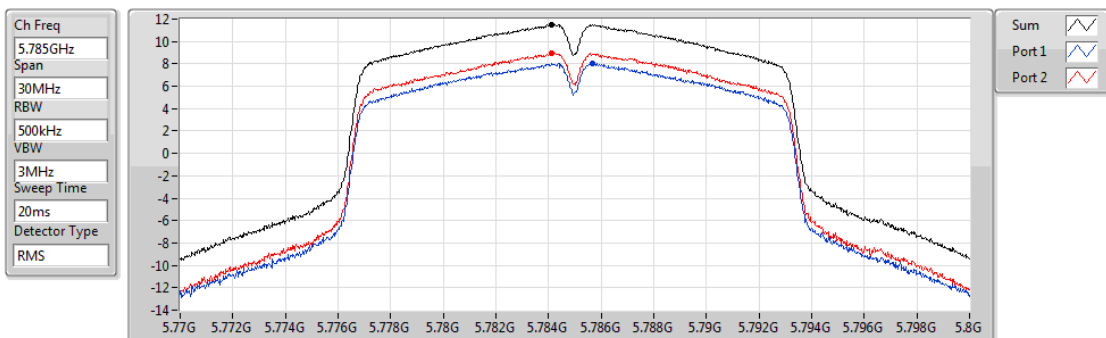
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.65	11.65	8.66	8.78

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

25/12/2017



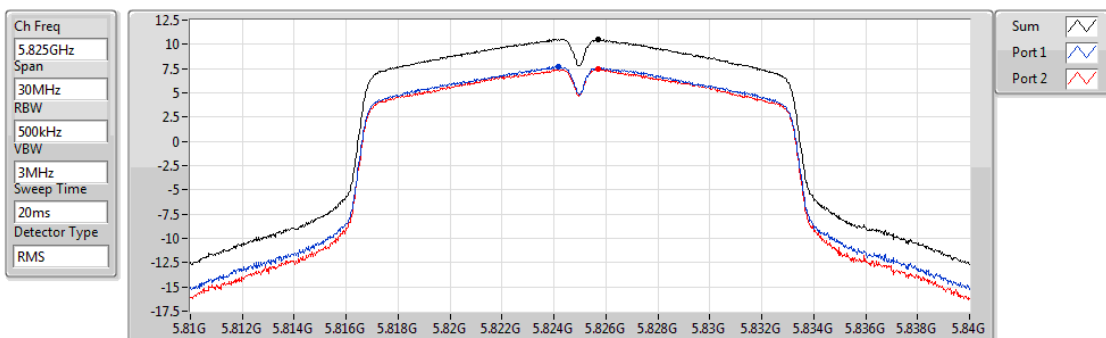
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.52	11.52	8.08	8.97

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

25/12/2017



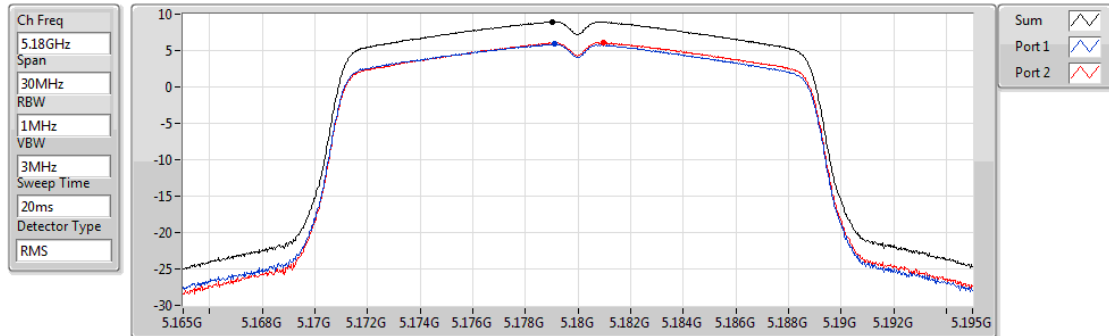
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.54	10.54	7.68	7.48

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5180MHz

25/12/2017



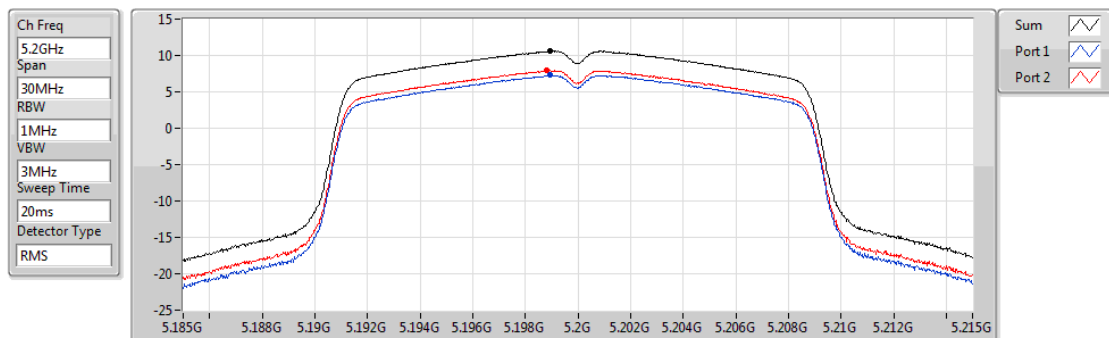
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.96	8.96	5.88	6.12

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5200MHz

25/12/2017



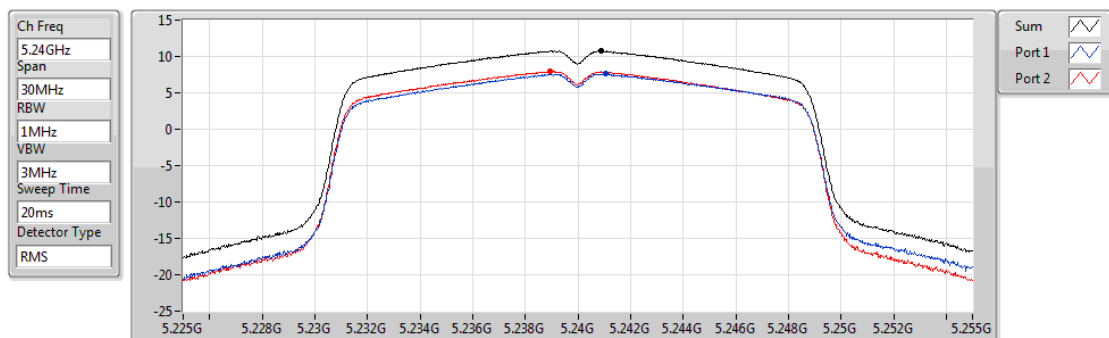
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.61	10.61	7.27	7.90

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5240MHz

25/12/2017



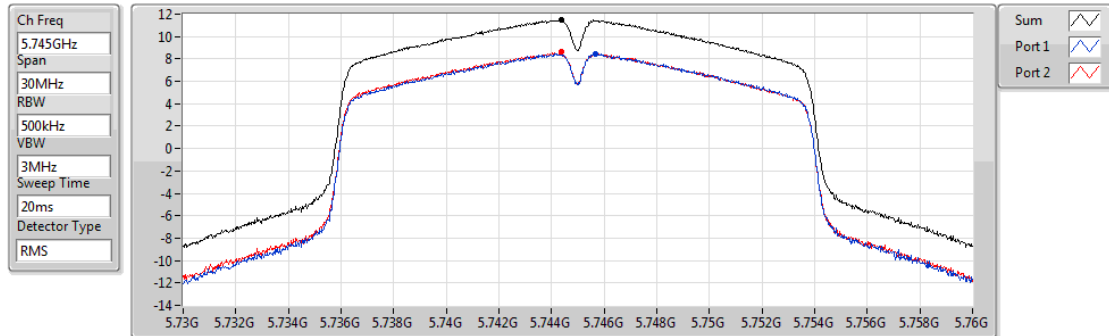
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.76	10.76	7.62	7.95

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5745MHz

25/12/2017



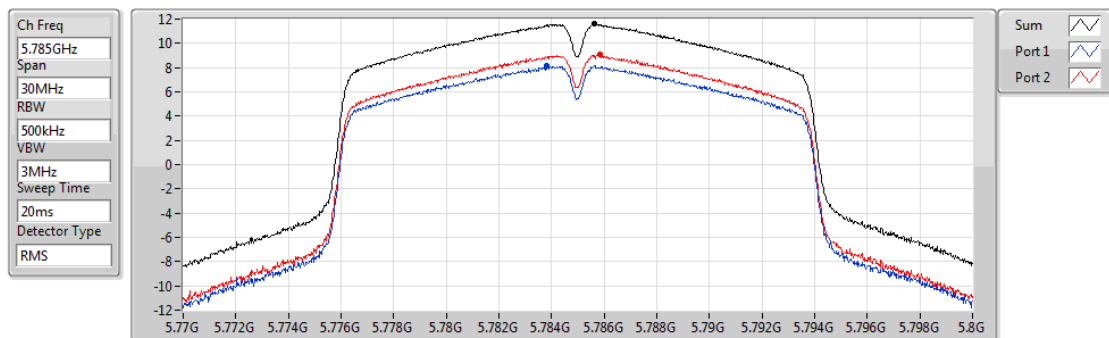
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.52	11.52	8.48	8.64

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5785MHz

25/12/2017



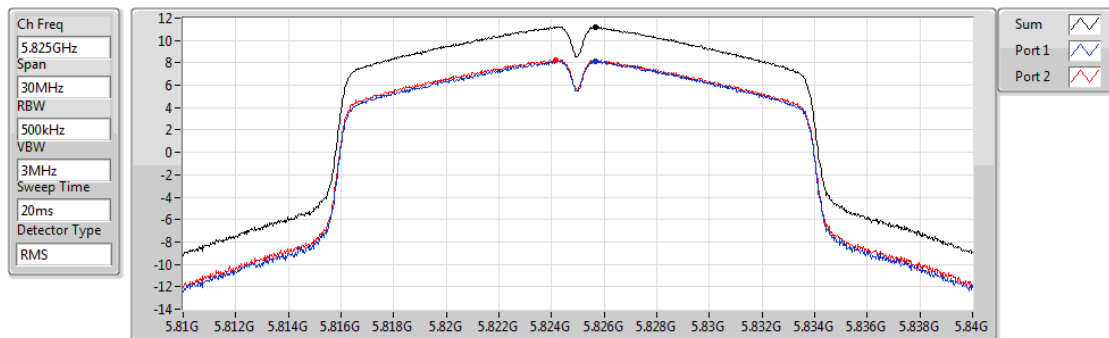
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.58	11.58	8.12	9.09

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5825MHz

25/12/2017



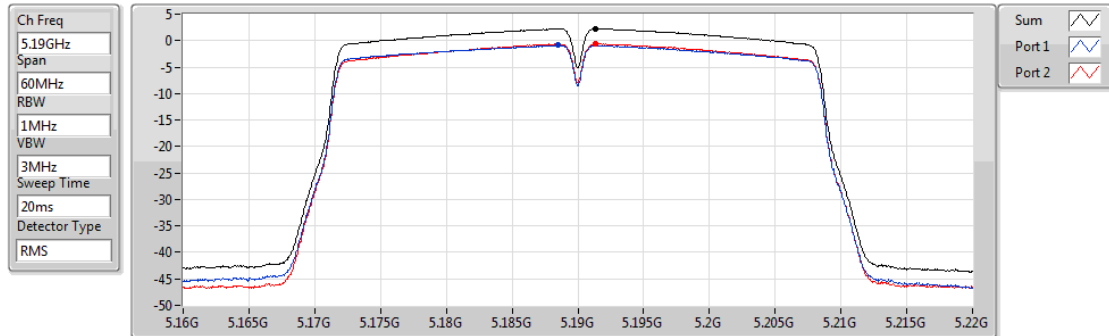
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.20	11.20	8.18	8.28

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5190MHz

25/12/2017



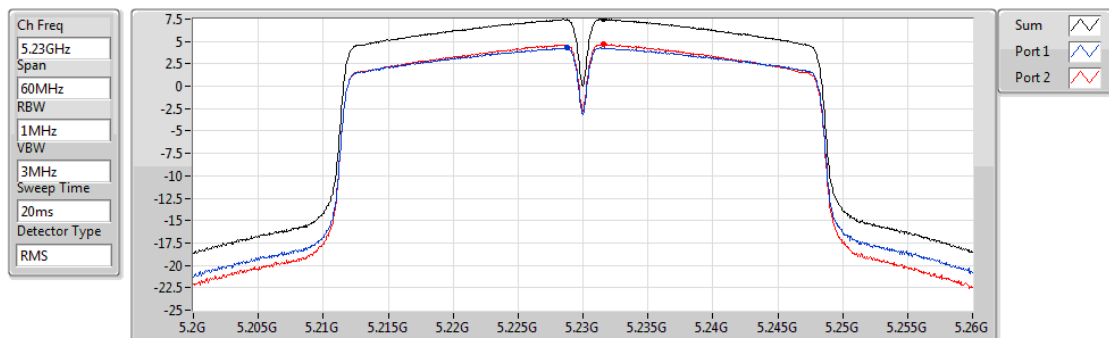
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.26	2.26	-0.89	-0.57

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5230MHz

25/12/2017



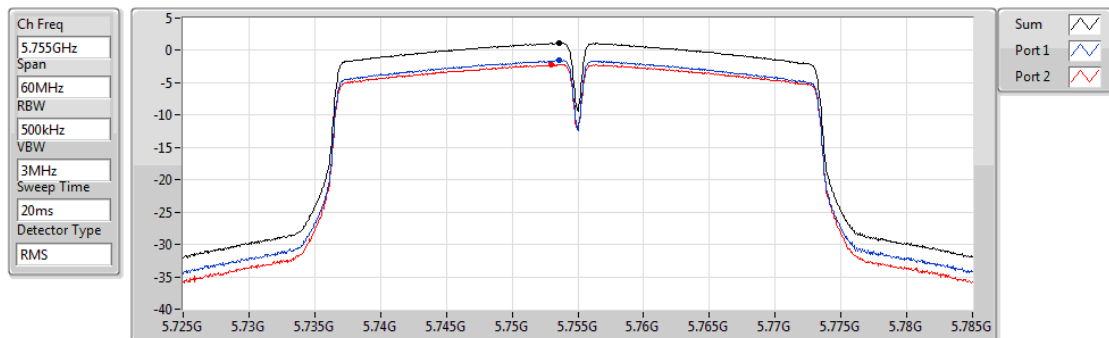
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.50	7.50	4.30	4.74

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5755MHz

25/12/2017



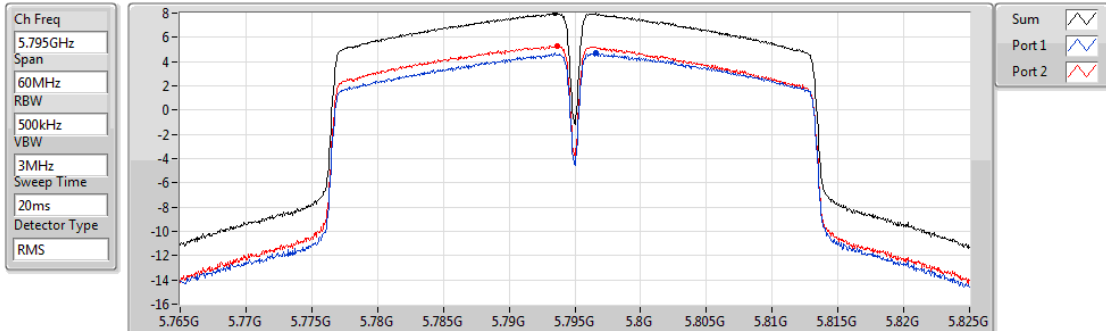
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.15	1.15	-1.54	-2.20

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5795MHz

25/12/2017



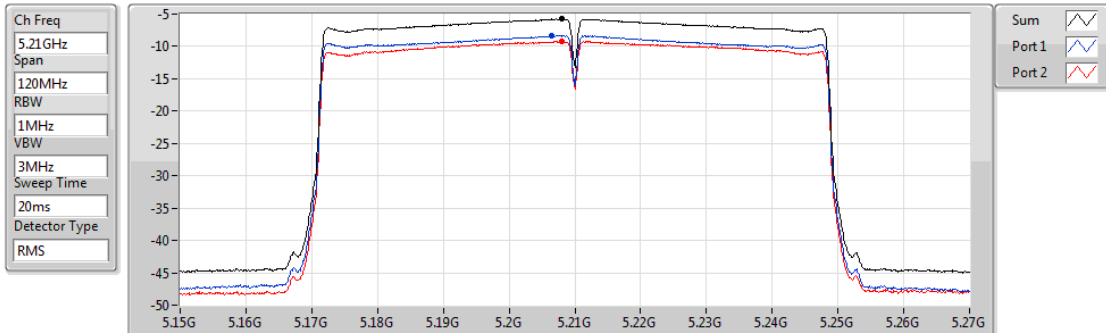
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.96	7.96	4.68	5.26

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5210MHz

25/12/2017



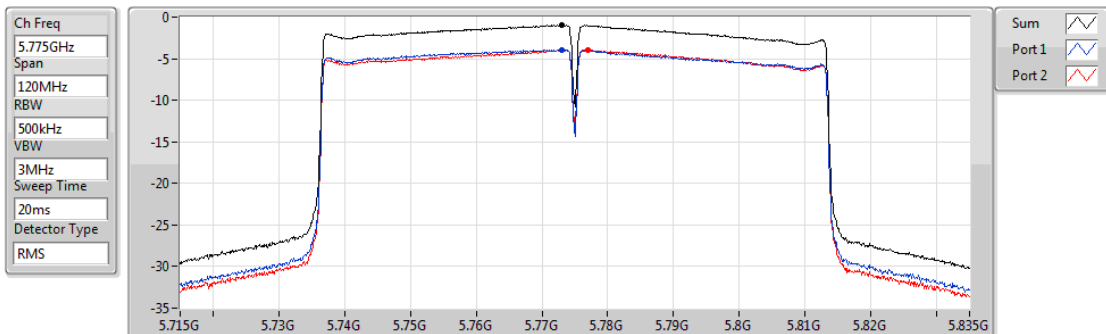
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.77	-5.77	-8.35	-9.23

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5775MHz

25/12/2017



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.96	-0.96	-3.93	-3.95

Test Mode: Mode 3. EUT with Set 3 antennas
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.58
802.11ac VHT20_Nss1,(MCS0)_2TX	8.63
802.11ac VHT40_Nss1,(MCS0)_2TX	7.49
802.11ac VHT80_Nss1,(MCS0)_2TX	-0.77
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	11.54
802.11ac VHT20_Nss1,(MCS0)_2TX	11.45
802.11ac VHT40_Nss1,(MCS0)_2TX	7.85
802.11ac VHT80_Nss1,(MCS0)_2TX	-0.32

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.35	5.32	5.85	8.57	8.65
5200MHz	Pass	8.35	5.22	5.90	8.58	8.65
5240MHz	Pass	8.35	5.49	5.45	8.45	8.65
5745MHz	Pass	8.35	8.33	8.72	11.54	27.65
5785MHz	Pass	8.35	8.41	8.68	11.53	27.65
5825MHz	Pass	8.35	8.32	8.66	11.45	27.65
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.35	5.08	5.78	8.42	8.65
5200MHz	Pass	8.35	5.18	5.86	8.51	8.65
5240MHz	Pass	8.35	5.63	5.64	8.63	8.65
5745MHz	Pass	8.35	8.28	8.39	11.33	27.65
5785MHz	Pass	8.35	8.35	8.54	11.45	27.65
5825MHz	Pass	8.35	7.93	8.22	11.00	27.65
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.35	1.36	1.90	4.65	8.65
5230MHz	Pass	8.35	4.20	4.79	7.49	8.65
5755MHz	Pass	8.35	4.61	4.93	7.76	27.65
5795MHz	Pass	8.35	4.72	4.94	7.85	27.65
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.35	-3.78	-3.72	-0.77	8.65
5775MHz	Pass	8.35	-3.31	-3.28	-0.32	27.65

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

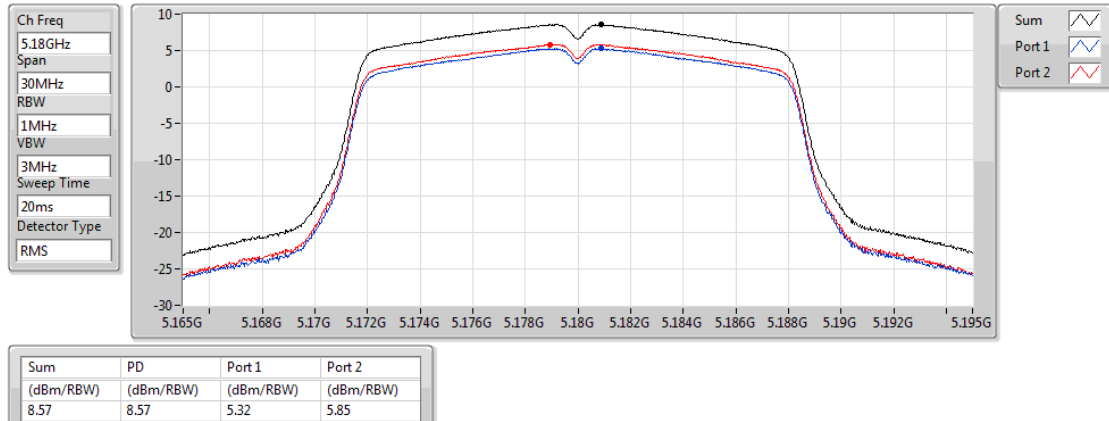
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

02/02/2018

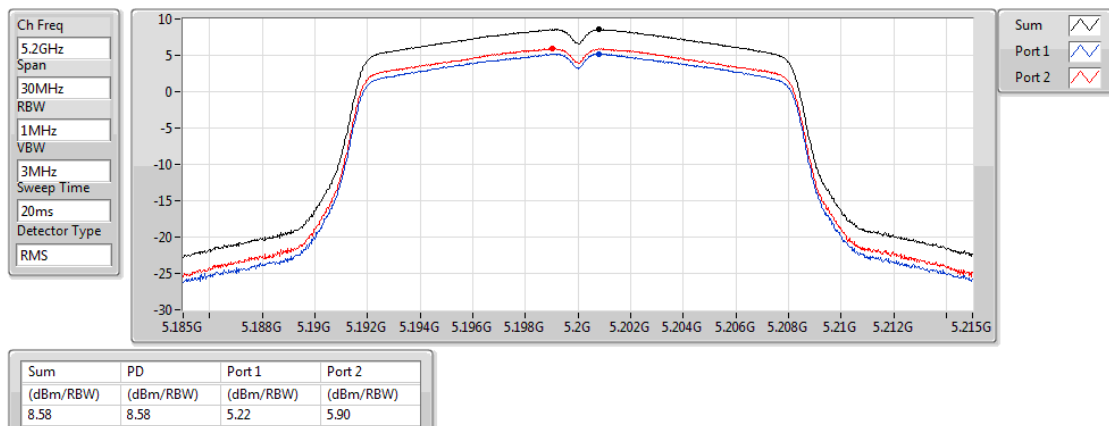


802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

02/02/2018

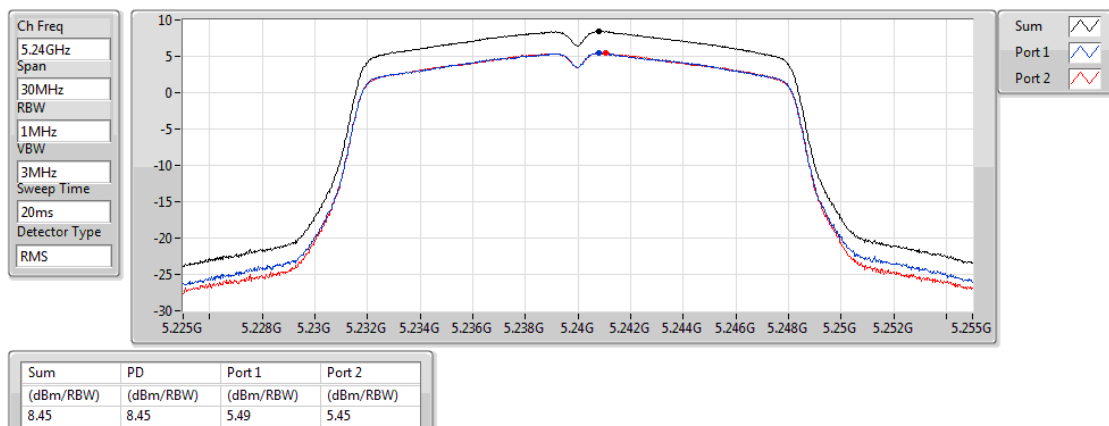


802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

03/02/2018

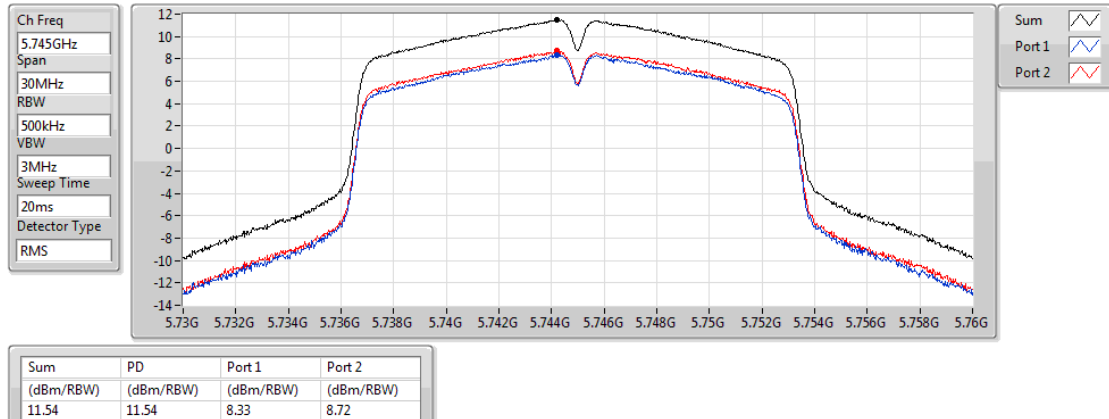


802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

05/02/2018

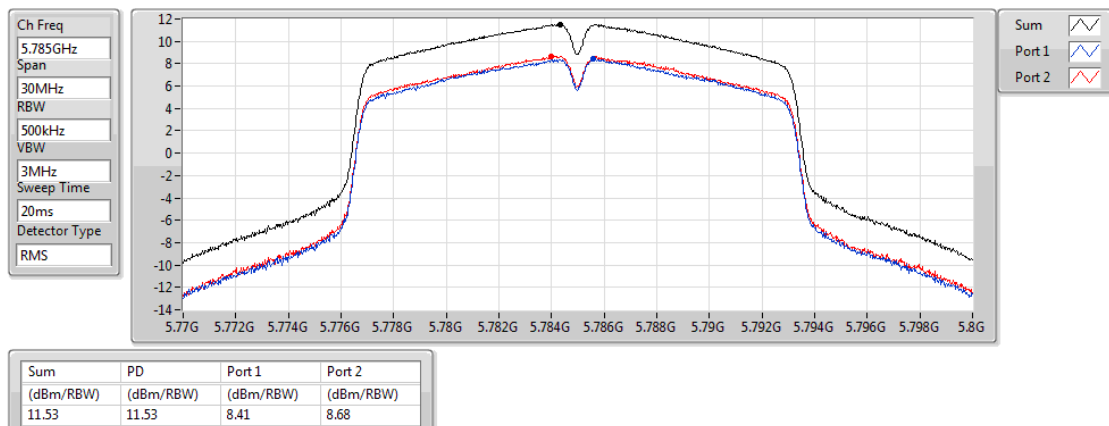


802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

05/02/2018

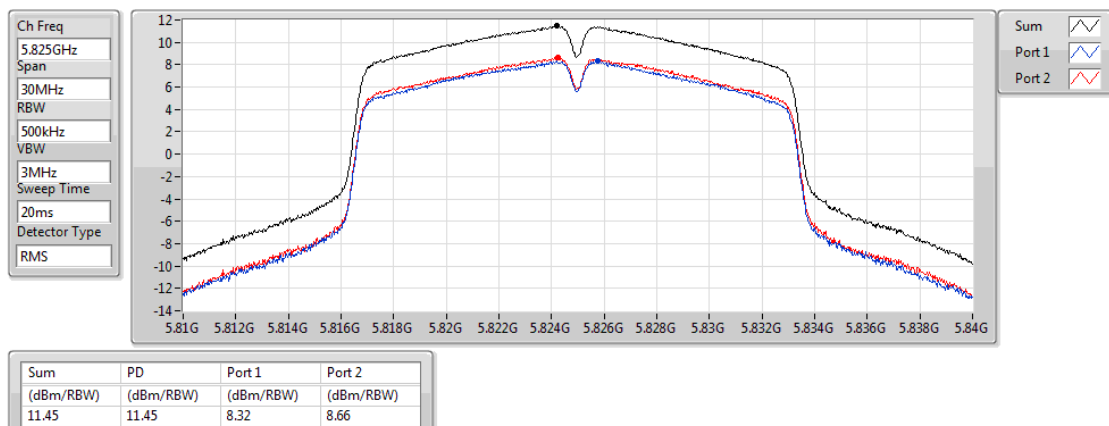


802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

05/02/2018

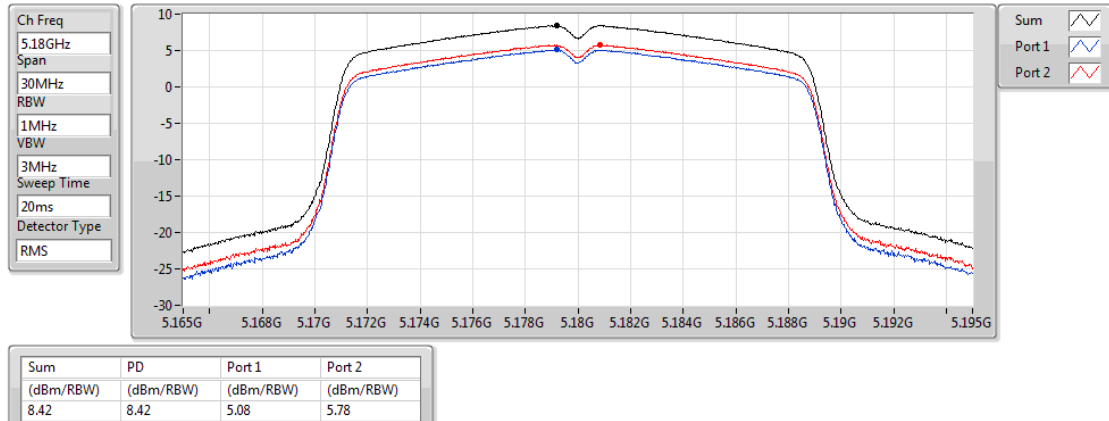


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5180MHz

05/02/2018

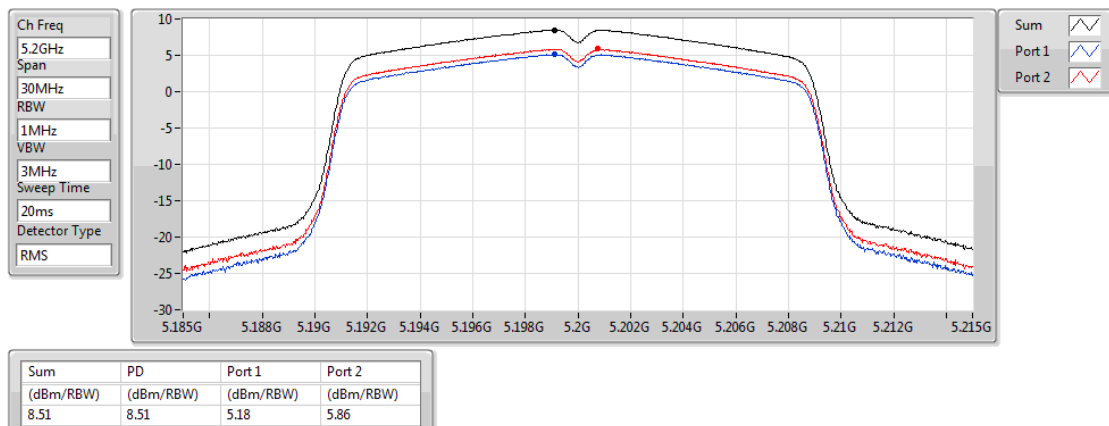


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5200MHz

05/02/2018

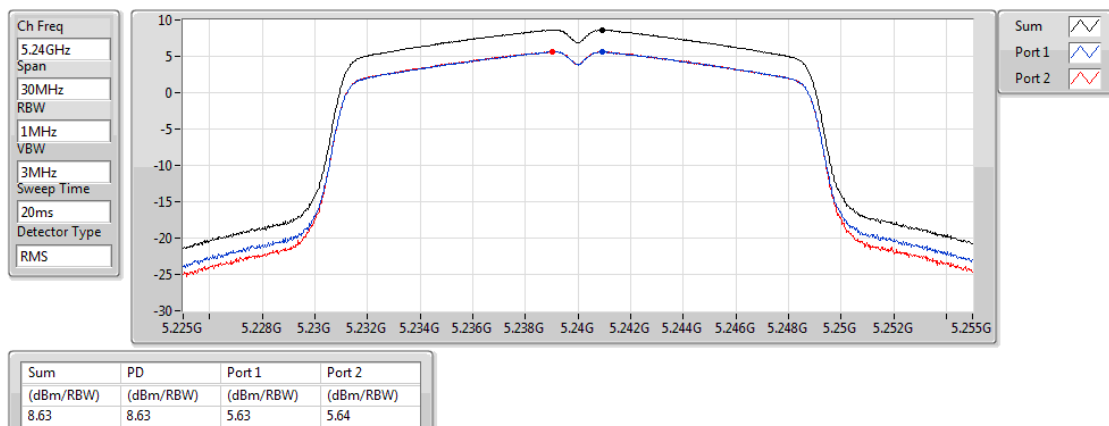


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5240MHz

05/02/2018

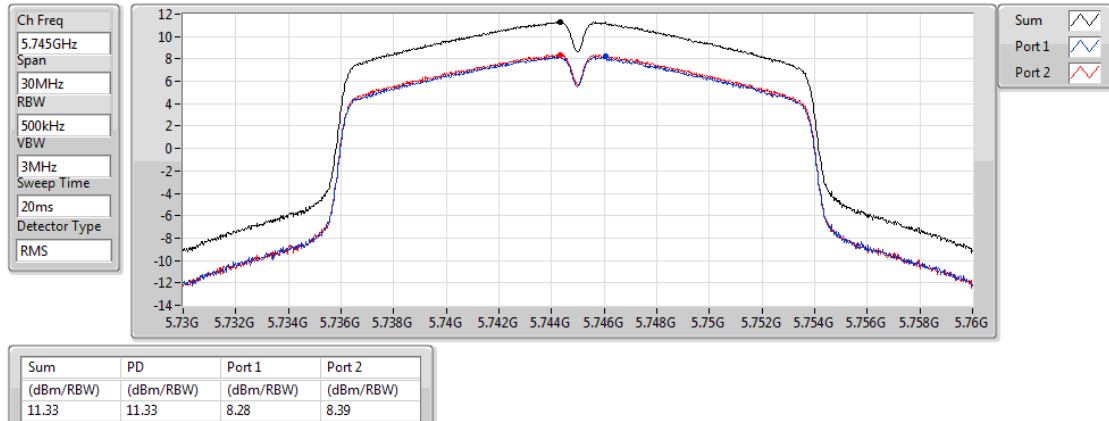


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5745MHz

05/02/2018

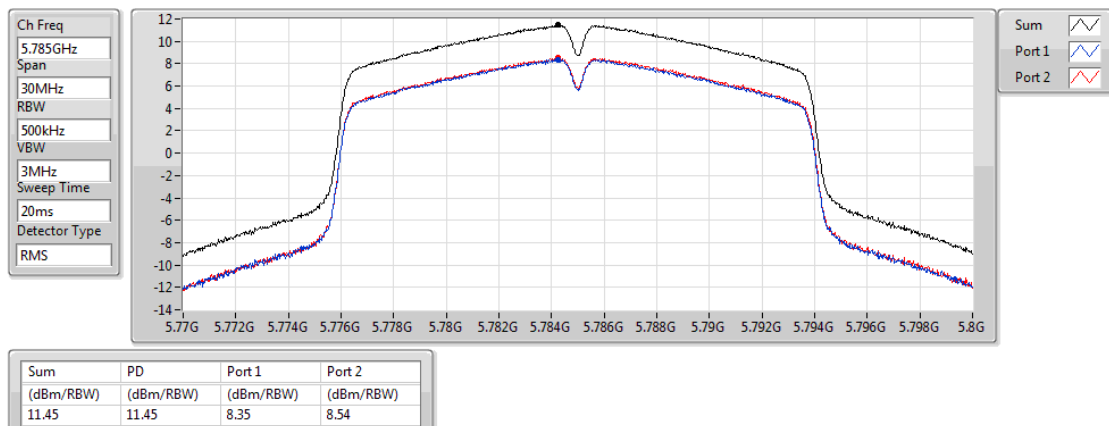


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5785MHz

05/02/2018

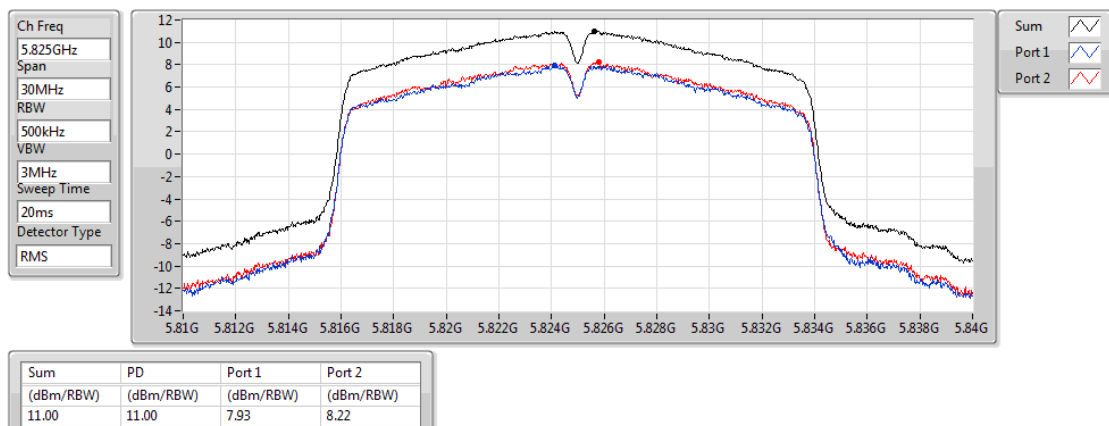


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5825MHz

05/02/2018

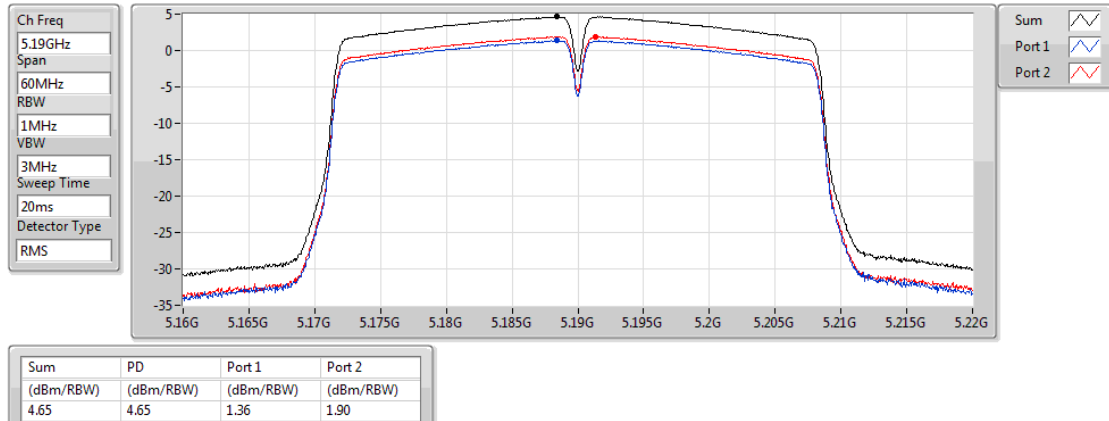


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5190MHz

05/02/2018

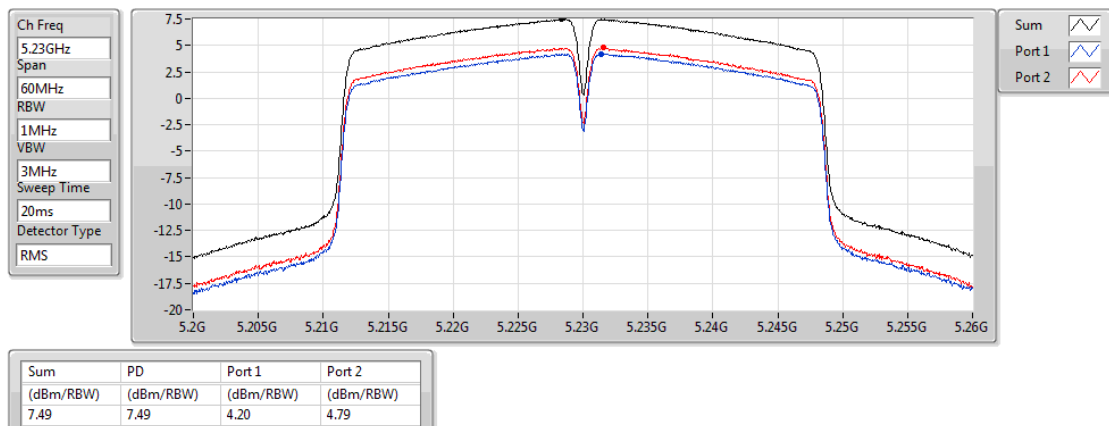


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5230MHz

05/02/2018

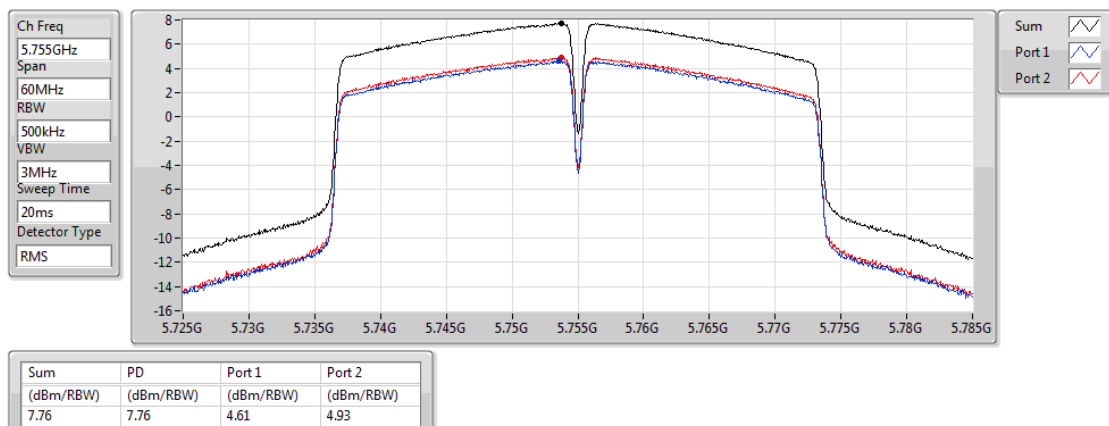


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5755MHz

05/02/2018

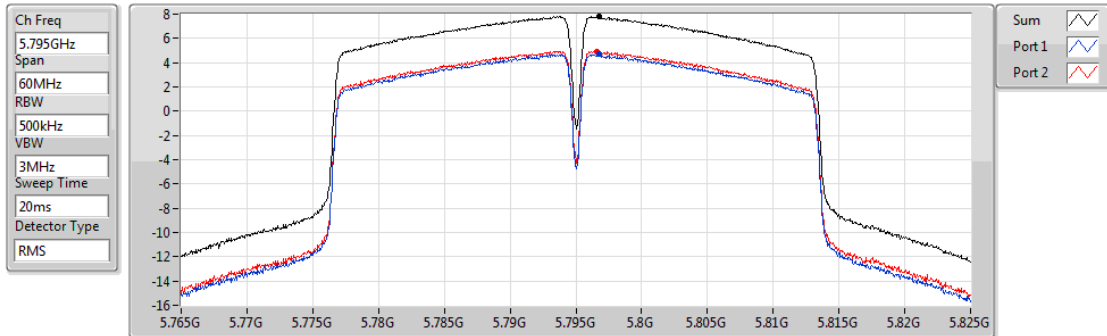


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5795MHz

05/02/2018



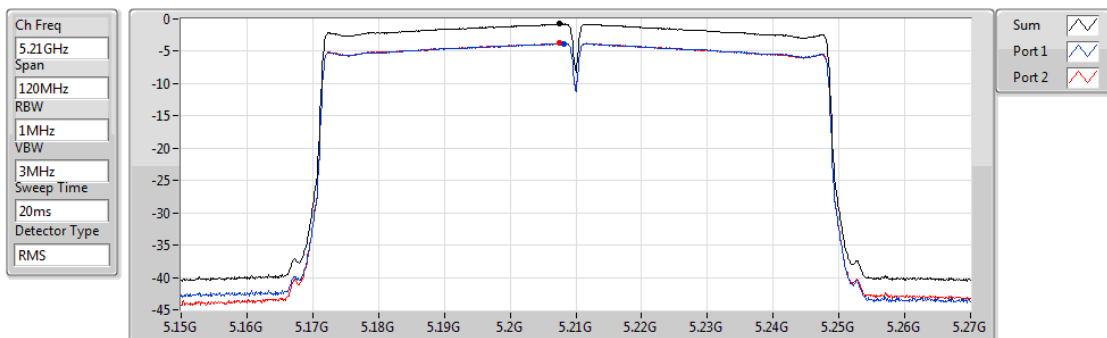
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	4.72	4.94

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5210MHz

05/02/2018



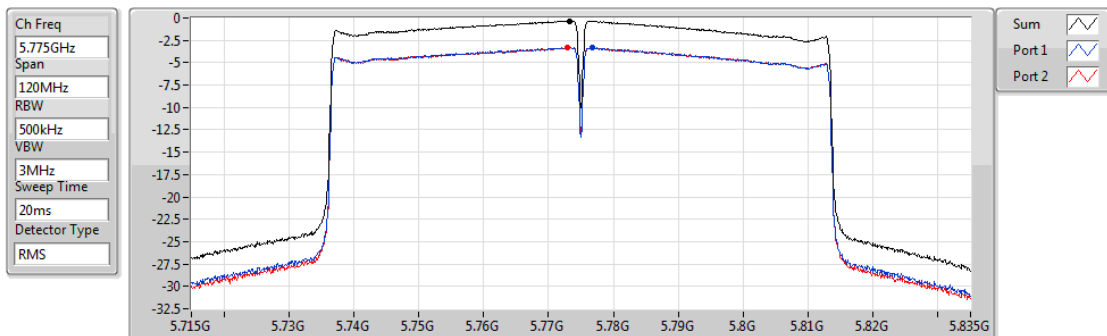
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.77	-0.77	-3.78	-3.72

802.11ac VHT80_Nss1,(MCS0)_2TX

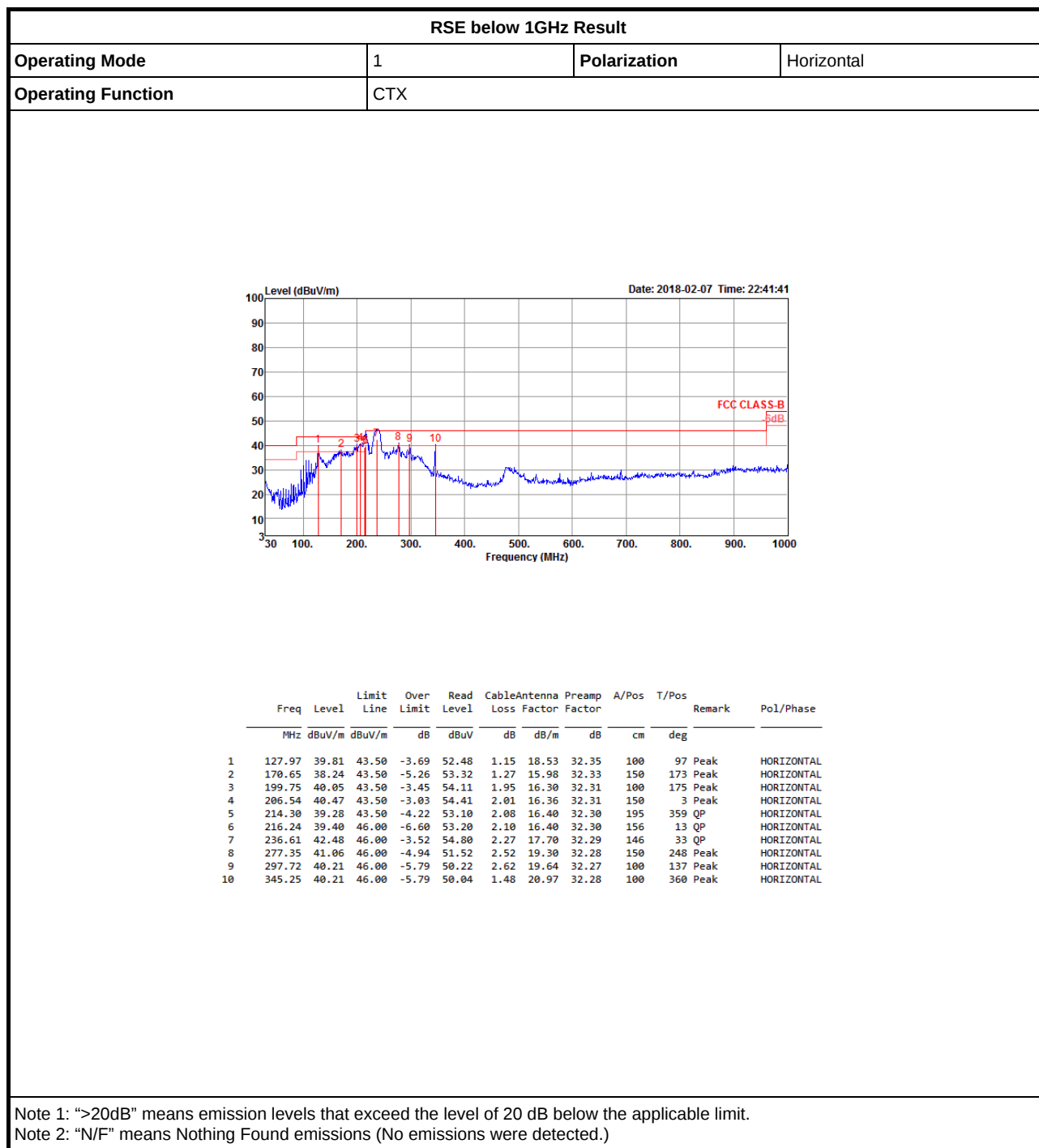
PSD

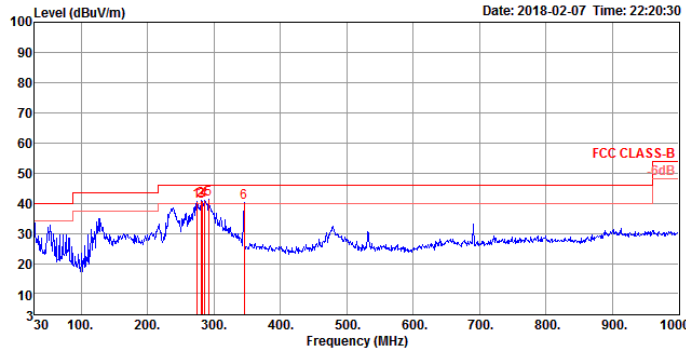
5775MHz

05/02/2018



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.32	-0.32	-3.31	-3.28



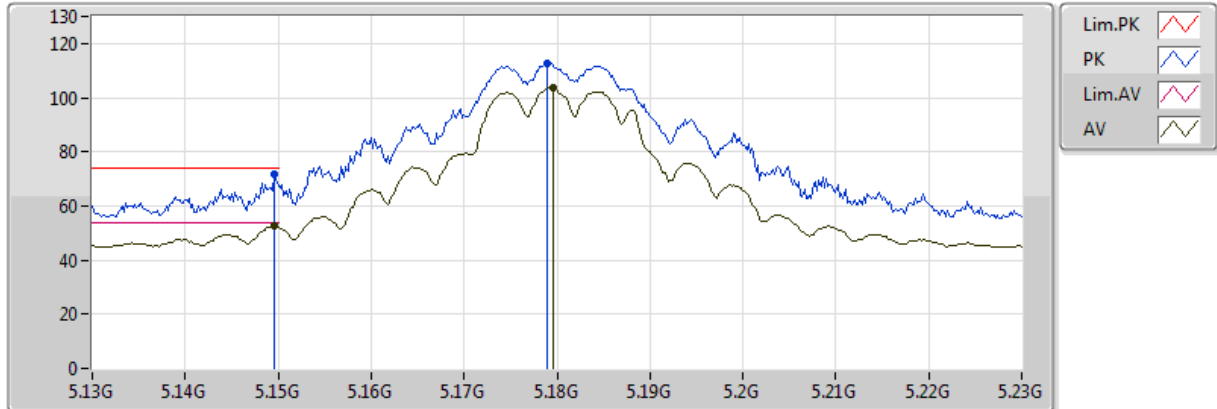
RSE below 1GHz Result																																																																																																									
Operating Mode	1			Polarization			Vertical																																																																																																		
Operating Function	CTX																																																																																																								
Level (dBuV/m) 100 90 80 70 60 50 40 30 20 10 3 Date: 2018-02-07 Time: 22:20:30  <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>CableAntenna</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>274.44</td><td>40.56</td><td>46.00</td><td>-5.44</td><td>51.03</td><td>2.51</td><td>19.30</td><td>32.28</td><td>200</td><td>358 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>280.26</td><td>40.95</td><td>46.00</td><td>-5.05</td><td>51.40</td><td>2.53</td><td>19.30</td><td>32.28</td><td>150</td><td>148 Peak</td><td>VERTICAL</td></tr><tr><td>3</td><td>282.20</td><td>40.47</td><td>46.00</td><td>-5.53</td><td>50.87</td><td>2.54</td><td>19.34</td><td>32.28</td><td>150</td><td>359 Peak</td><td>VERTICAL</td></tr><tr><td>4</td><td>285.11</td><td>40.98</td><td>46.00</td><td>-5.02</td><td>51.29</td><td>2.56</td><td>19.40</td><td>32.27</td><td>200</td><td>4 Peak</td><td>VERTICAL</td></tr><tr><td>5</td><td>291.90</td><td>41.38</td><td>46.00</td><td>-4.62</td><td>51.52</td><td>2.59</td><td>19.54</td><td>32.27</td><td>200</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>6</td><td>345.25</td><td>40.09</td><td>46.00</td><td>-5.91</td><td>49.92</td><td>1.48</td><td>20.97</td><td>32.28</td><td>150</td><td>359 Peak</td><td>VERTICAL</td></tr></tbody></table> 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.)											Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		1	274.44	40.56	46.00	-5.44	51.03	2.51	19.30	32.28	200	358 Peak	VERTICAL	2	280.26	40.95	46.00	-5.05	51.40	2.53	19.30	32.28	150	148 Peak	VERTICAL	3	282.20	40.47	46.00	-5.53	50.87	2.54	19.34	32.28	150	359 Peak	VERTICAL	4	285.11	40.98	46.00	-5.02	51.29	2.56	19.40	32.27	200	4 Peak	VERTICAL	5	291.90	41.38	46.00	-4.62	51.52	2.59	19.54	32.27	200	0 Peak	VERTICAL	6	345.25	40.09	46.00	-5.91	49.92	1.48	20.97	32.28	150	359 Peak	VERTICAL
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase																																																																																														
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg																																																																																															
1	274.44	40.56	46.00	-5.44	51.03	2.51	19.30	32.28	200	358 Peak	VERTICAL																																																																																														
2	280.26	40.95	46.00	-5.05	51.40	2.53	19.30	32.28	150	148 Peak	VERTICAL																																																																																														
3	282.20	40.47	46.00	-5.53	50.87	2.54	19.34	32.28	150	359 Peak	VERTICAL																																																																																														
4	285.11	40.98	46.00	-5.02	51.29	2.56	19.40	32.27	200	4 Peak	VERTICAL																																																																																														
5	291.90	41.38	46.00	-4.62	51.52	2.59	19.54	32.27	200	0 Peak	VERTICAL																																																																																														
6	345.25	40.09	46.00	-5.91	49.92	1.48	20.97	32.28	150	359 Peak	VERTICAL																																																																																														

**Test Mode: Mode 1. EUT with Set 1 antennas****Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	11.49072G	53.90	54.00	-0.10	12.31	3	Vertical	160	1.02	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

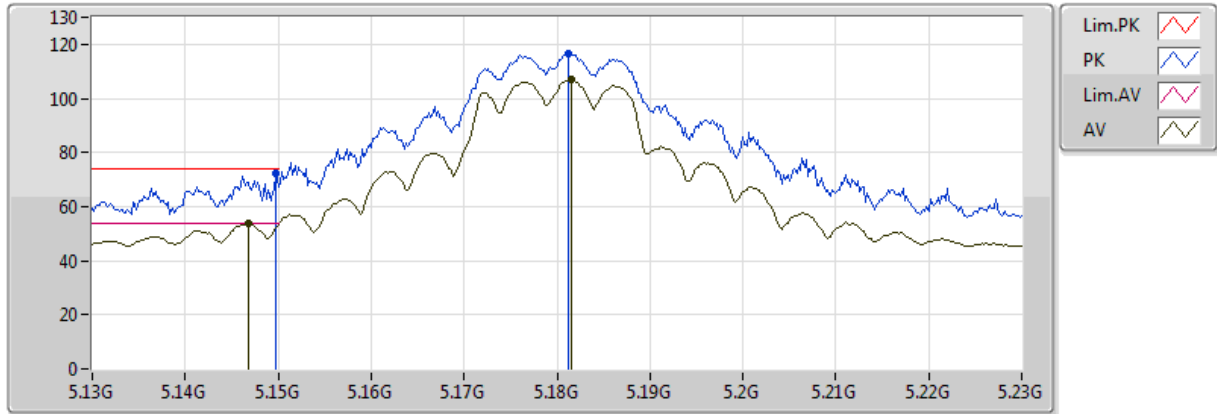


20171021
EUT X_2TX
Setting 26
01-C-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.1496G	52.43	54.00	-1.57	4.17	3	Vertical	78	1.28					
AV	5.1796G	103.79	Inf	-Inf	4.24	3	Vertical	78	1.28					
PK	5.1496G	71.95	74.00	-2.05	4.17	3	Vertical	78	1.28					
PK	5.179G	112.67	Inf	-Inf	4.23	3	Vertical	78	1.28					

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

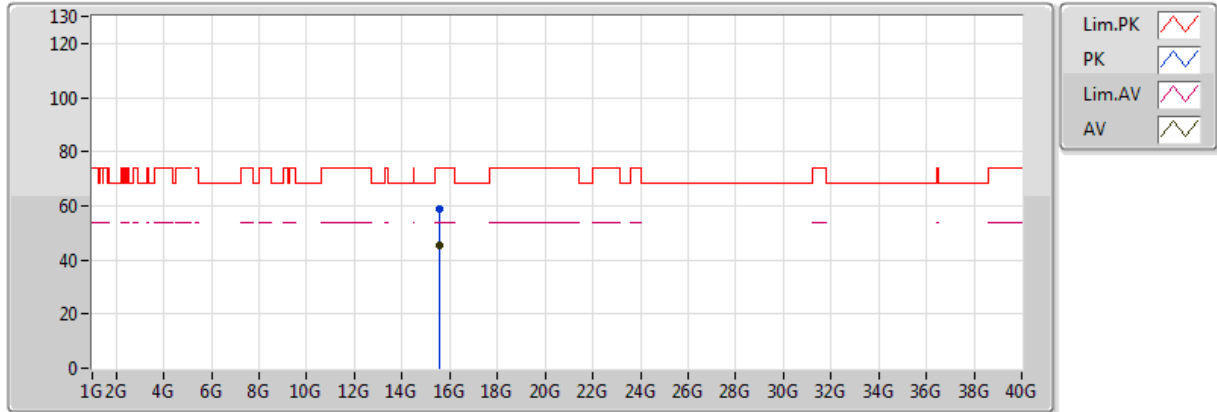


20171021
EUT X_2TX
Setting 26
01-C-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.1468G	53.62	54.00	-0.38	4.16	3	Horizontal	165	1.01					
AV	5.1816G	106.83	Inf	-Inf	4.24	3	Horizontal	165	1.01					
PK	5.1498G	72.22	74.00	-1.78	4.17	3	Horizontal	165	1.01					
PK	5.1812G	116.38	Inf	-Inf	4.24	3	Horizontal	165	1.01					

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

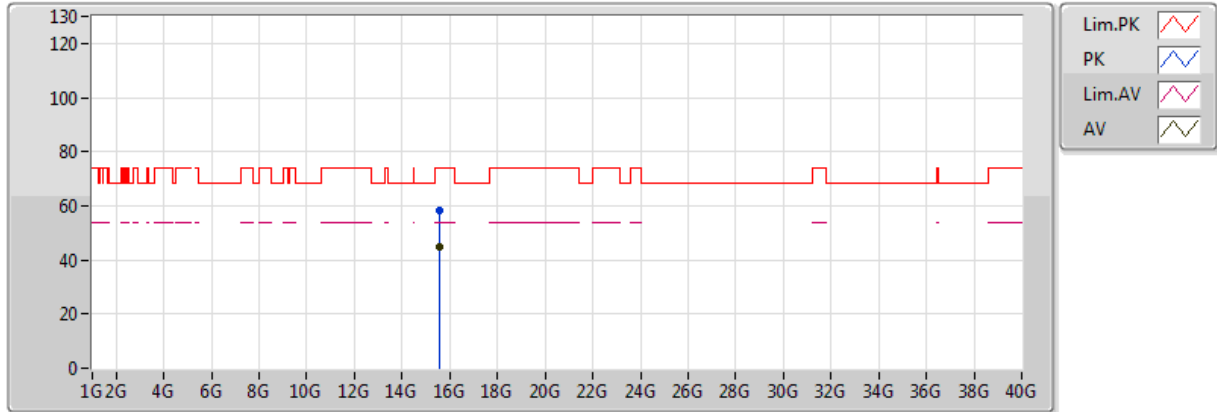


20171021
EUT X_2TX
Setting 26
01-C-5
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	15.5391G	45.26	54.00	-8.74	13.53	3	Vertical	221	2.74					
PK	15.5397G	58.87	74.00	-15.13	13.53	3	Vertical	221	2.74					

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

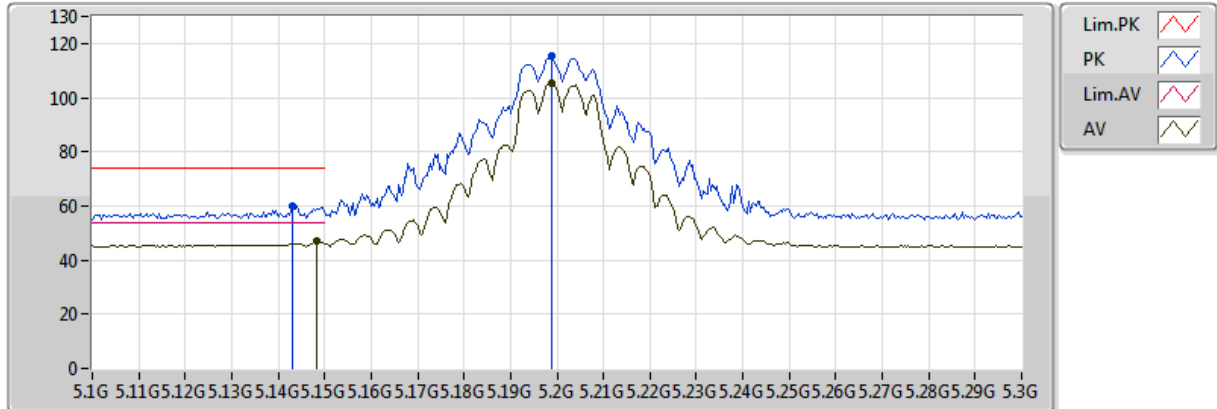


20171021
EUT X_2TX
Setting 26
01-C-5
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	15.5626G	45.10	54.00	-8.90	13.51	3	Horizontal	160	2.39					
PK	15.5439G	58.54	74.00	-15.46	13.53	3	Horizontal	160	2.39					

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

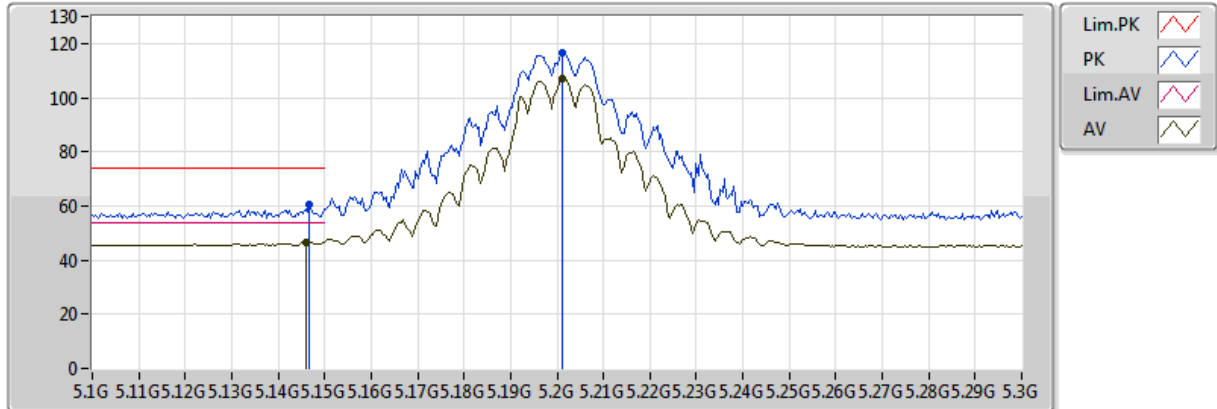


20171215
EUT X_2TX
Setting 3A
04-B-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.1484G	47.05	54.00	-6.95	4.06	3	Vertical	0	1.00					
AV	5.1988G	105.34	Inf	-Inf	4.21	3	Vertical	0	1.00					
PK	5.1432G	59.90	74.00	-14.10	4.04	3	Vertical	0	1.00					
PK	5.1988G	115.54	Inf	-Inf	4.21	3	Vertical	0	1.00					

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

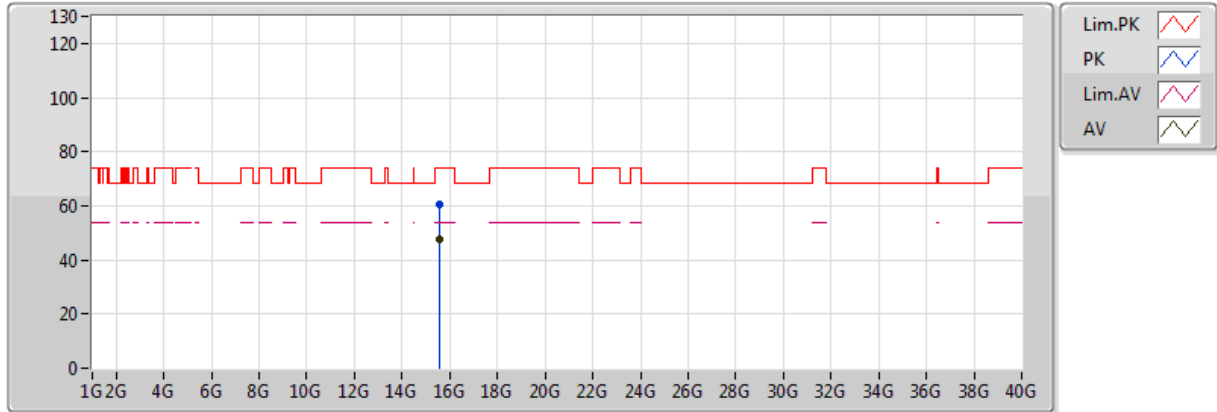


20171215
EUT X_2TX
Setting 3A
04-B-2-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	5.146G	46.62	54.00	-7.38	4.05	3	Horizontal	260	1.00					
AV	5.2012G	106.86	Inf	-Inf	4.21	3	Horizontal	260	1.00					
PK	5.1468G	60.76	74.00	-13.24	4.05	3	Horizontal	260	1.00					
PK	5.2012G	116.66	Inf	-Inf	4.21	3	Horizontal	260	1.00					

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

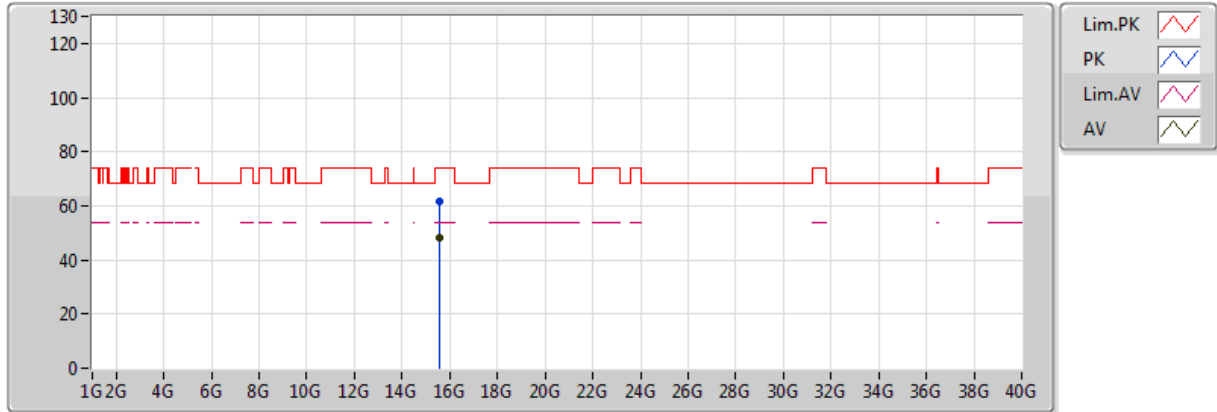


20171215
EUT X_2TX
Setting 3A
04-R-5
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	15.59076G	47.39	54.00	-6.61	15.83	3	Vertical	129	1.01					
PK	15.59784G	60.39	74.00	-13.61	15.82	3	Vertical	129	1.01					

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

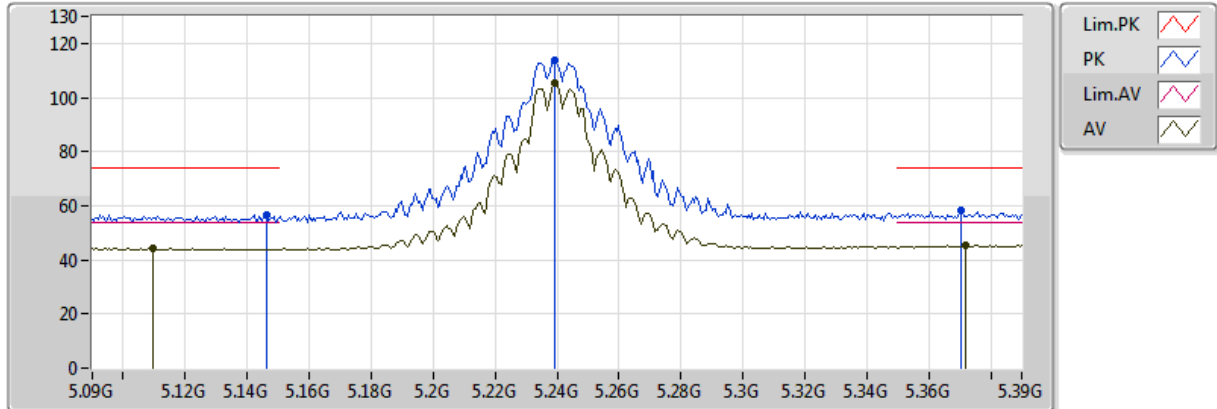


20171215
EUT X_2TX
Setting 3A
04-R-5
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	15.60012G	48.45	54.00	-5.55	15.82	3	Horizontal	236	1.87					
PK	15.5889G	61.60	74.00	-12.40	15.83	3	Horizontal	236	1.87					

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

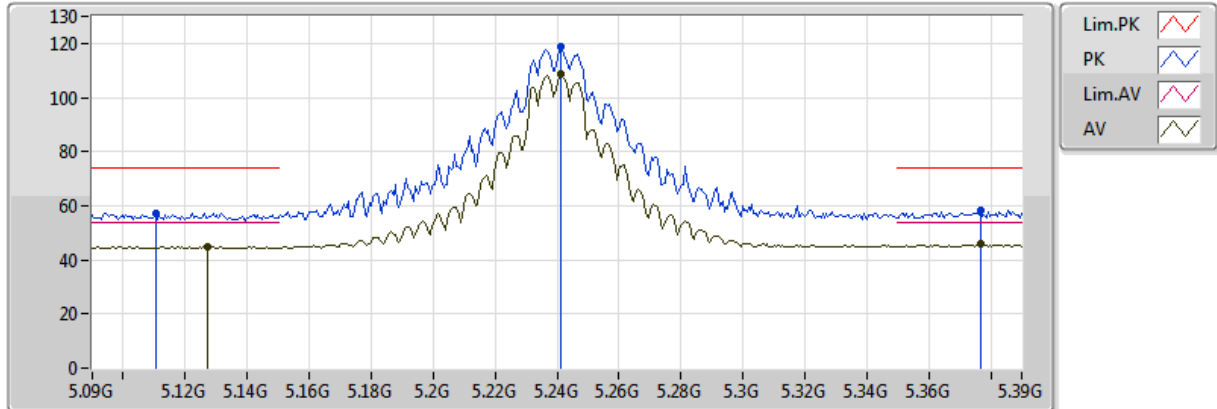


20171021
EUT X_2TX
Setting 3A (Max Setting)
01-C-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.1098G	44.31	54.00	-9.69	4.08	3	Vertical	89	1.30					
AV	5.2394G	105.11	Inf	-Inf	4.35	3	Vertical	89	1.30					
AV	5.372G	45.17	54.00	-8.83	4.55	3	Vertical	89	1.30					
PK	5.1464G	56.81	74.00	-17.19	4.16	3	Vertical	89	1.30					
PK	5.2394G	114.01	Inf	-Inf	4.35	3	Vertical	89	1.30					
PK	5.3702G	58.38	74.00	-15.62	4.55	3	Vertical	89	1.30					

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

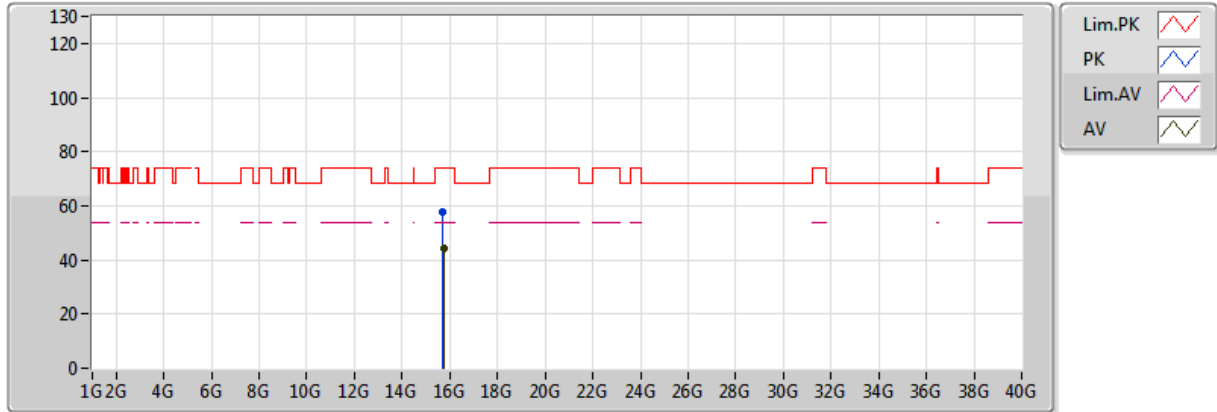


20171021
EUT X_2TX
Setting 3A (Max Setting)
01-C-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.1272G	45.07	54.00	-8.93	4.12	3	Horizontal	155	1.02					
AV	5.2412G	108.51	Inf	-Inf	4.35	3	Horizontal	155	1.02					
AV	5.3768G	45.73	54.00	-8.27	4.56	3	Horizontal	155	1.02					
PK	5.1104G	57.40	74.00	-16.60	4.08	3	Horizontal	155	1.02					
PK	5.2412G	118.75	Inf	-Inf	4.35	3	Horizontal	155	1.02					
PK	5.3768G	58.46	74.00	-15.54	4.56	3	Horizontal	155	1.02					

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

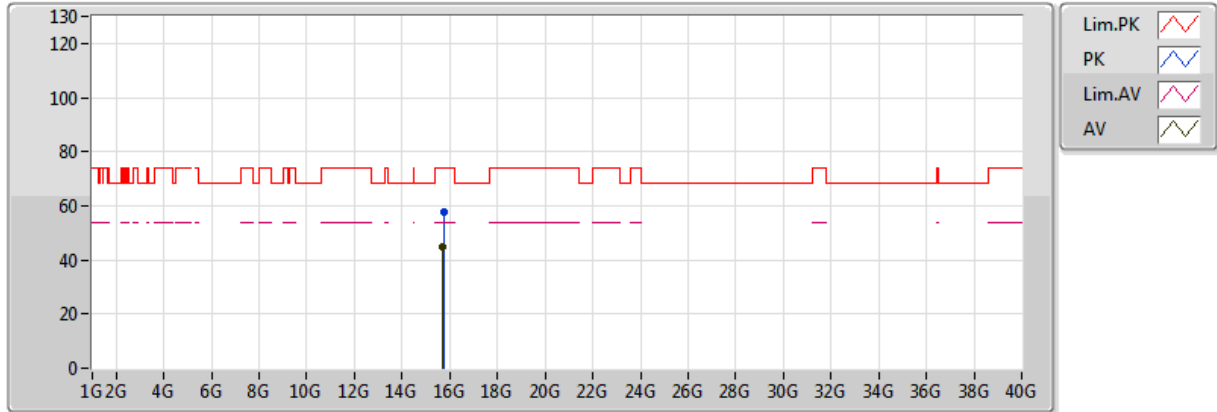


20171021
EUT X_2TX
Setting 3A (Max Setting)
01-C-5
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	15.7285G	44.08	54.00	-9.92	13.31	3	Vertical	48	2.36					
PK	15.7037G	57.60	74.00	-16.40	13.34	3	Vertical	48	2.36					

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

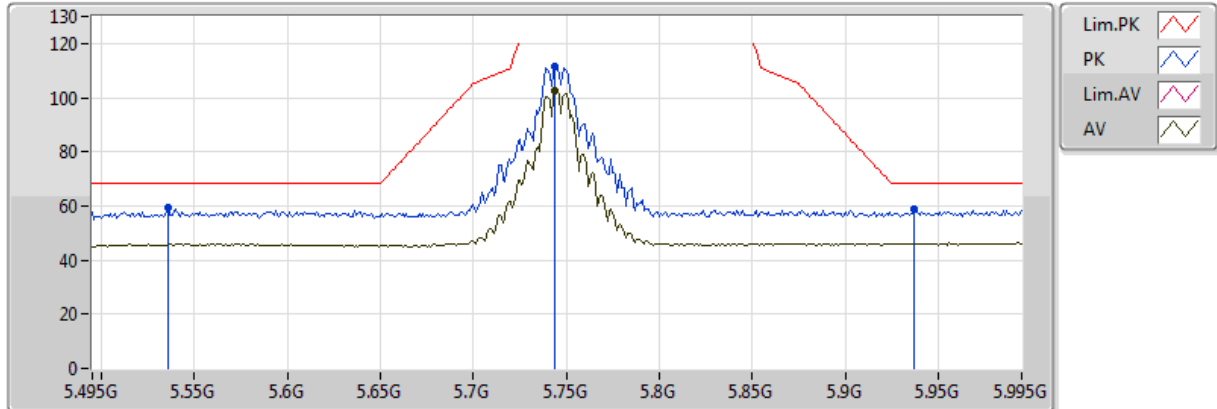


20171021
EUT X_2TX
Setting 3A (Max Setting)
01-C-5
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	15.7152G	44.71	54.00	-9.29	13.33	3	Horizontal	284	2.02					
PK	15.72848G	57.86	74.00	-16.14	13.31	3	Horizontal	284	2.02					

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

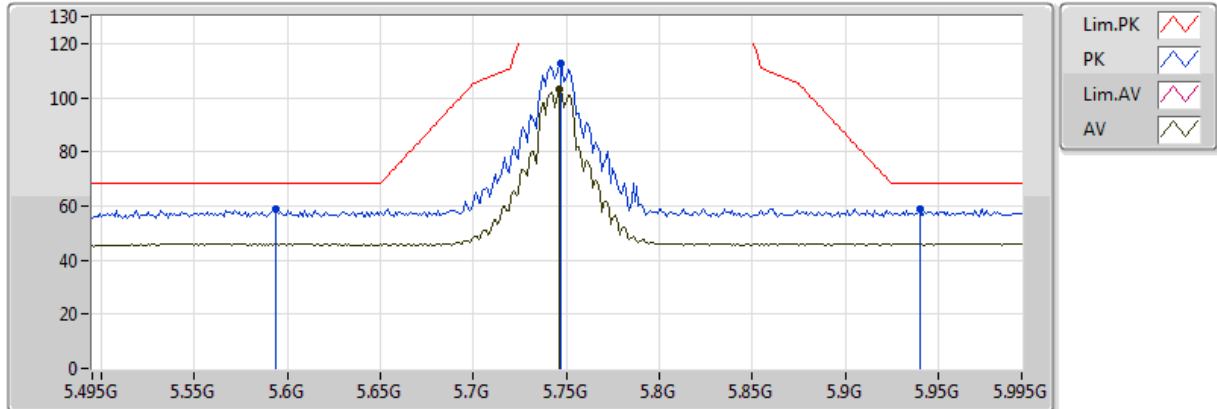


20171021
EUT X_2TX
Setting 23
01-C-5-10
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.744G	102.49	Inf	-Inf	5.72	3	Vertical	279	1.18					
PK	5.536G	59.48	68.20	-8.72	5.05	3	Vertical	279	1.18					
PK	5.744G	111.73	Inf	-Inf	5.72	3	Vertical	279	1.18					
PK	5.937G	58.58	68.20	-9.62	6.38	3	Vertical	279	1.18					

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

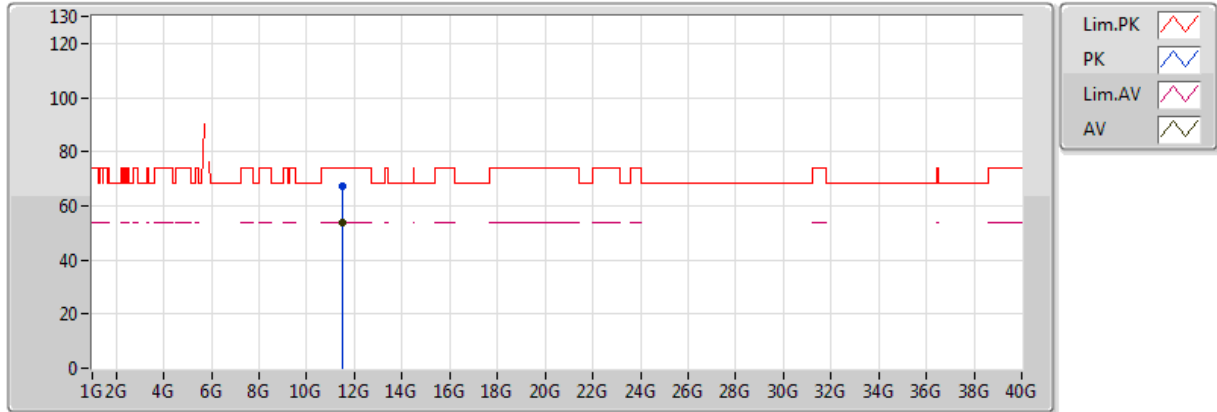


20171021
EUT_X_2TX
Setting 23
01-C-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.746G	102.94	Inf	-Inf	5.72	3	Horizontal	165	1.09					
PK	5.594G	59.00	68.20	-9.20	5.29	3	Horizontal	165	1.09					
PK	5.747G	112.49	Inf	-Inf	5.73	3	Horizontal	165	1.09					
PK	5.94G	58.92	68.20	-9.28	6.39	3	Horizontal	165	1.09					

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

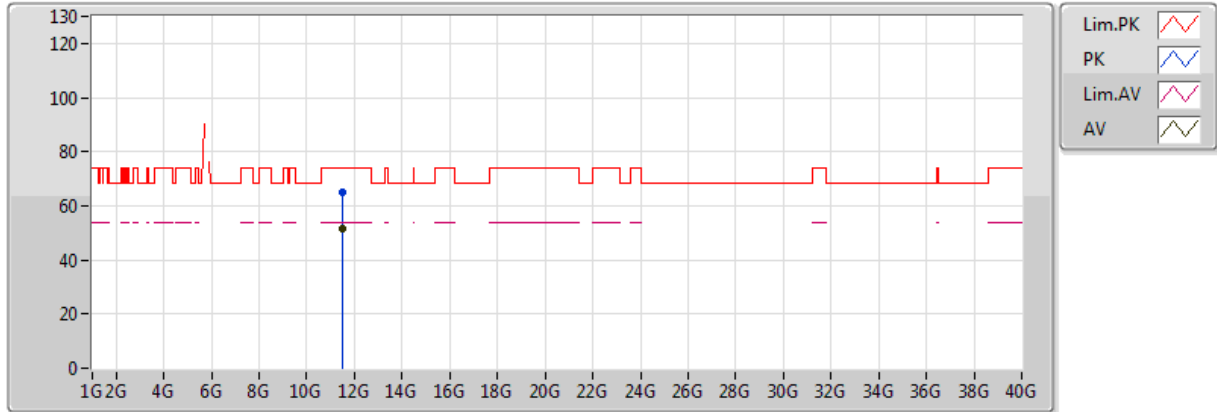


20171021
EUT X_2TX
Setting 23
01-C-5
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.49072G	53.90	54.00	-0.10	12.31	3	Vertical	160	1.02					
PK	11.49032G	67.26	74.00	-6.74	12.31	3	Vertical	160	1.02					

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

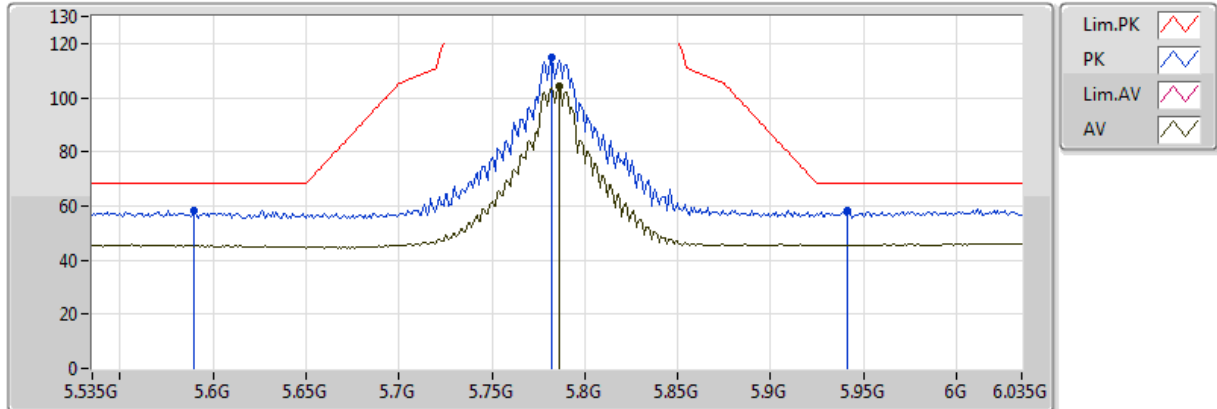


20171021
EUT X_2TX
Setting 23
01-C-5
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.49284G	51.76	54.00	-2.24	12.31	3	Horizontal	202	2.36					
PK	11.49292G	64.99	74.00	-9.01	12.31	3	Horizontal	202	2.36					

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

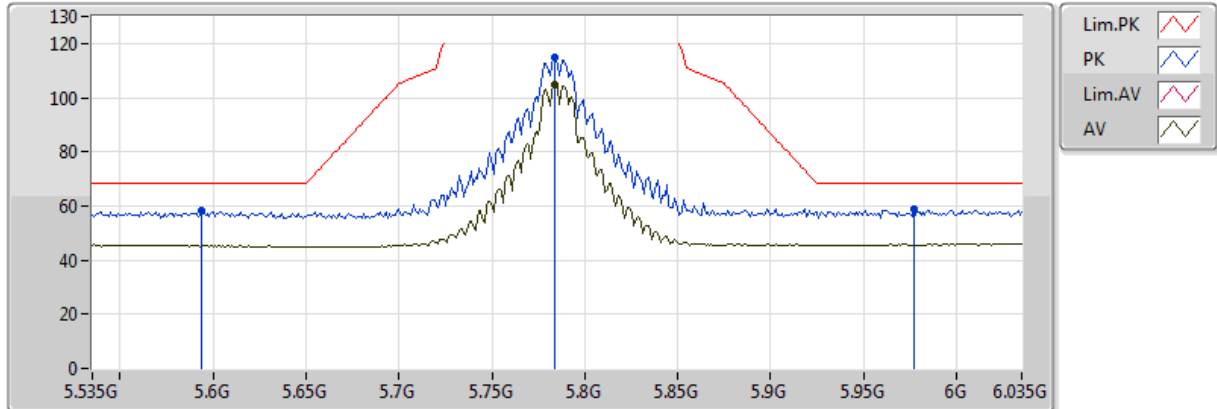


20171215
EUT_X_2TX
Setting 3A
01-M-1-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.786G	104.23	Inf	-Inf	5.83	3	Vertical	74	1.12					
PK	5.59G	58.44	68.20	-9.76	5.27	3	Vertical	74	1.12					
PK	5.782G	114.62	Inf	-Inf	5.82	3	Vertical	74	1.12					
PK	5.941G	58.33	68.20	-9.87	6.40	3	Vertical	74	1.12					

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

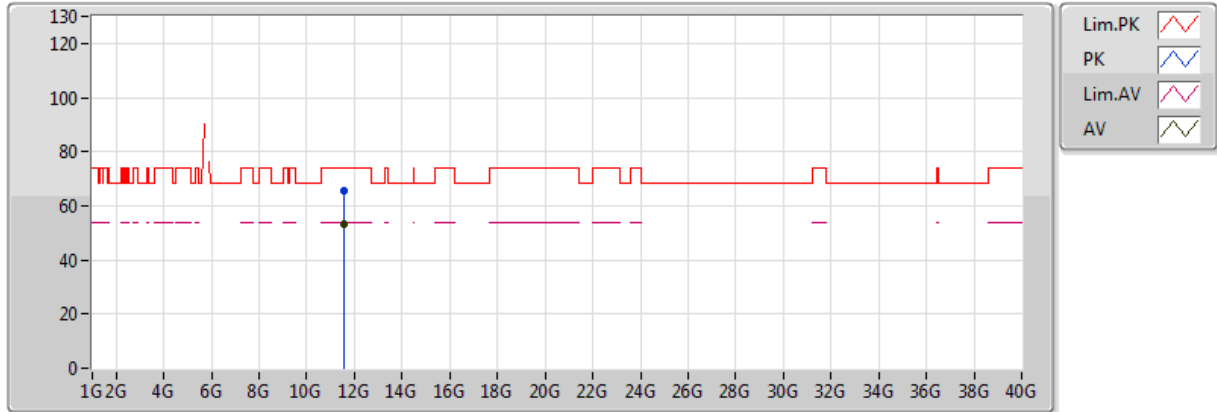


20171215
EUT X_2TX
Setting 3A
01-M-1-10
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.784G	105.05	Inf	-Inf	5.83	3	Horizontal	160	1.02					
PK	5.594G	58.12	68.20	-10.08	5.29	3	Horizontal	160	1.02					
PK	5.784G	114.70	Inf	-Inf	5.83	3	Horizontal	160	1.02					
PK	5.977G	58.57	68.20	-9.63	6.53	3	Horizontal	160	1.02					

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

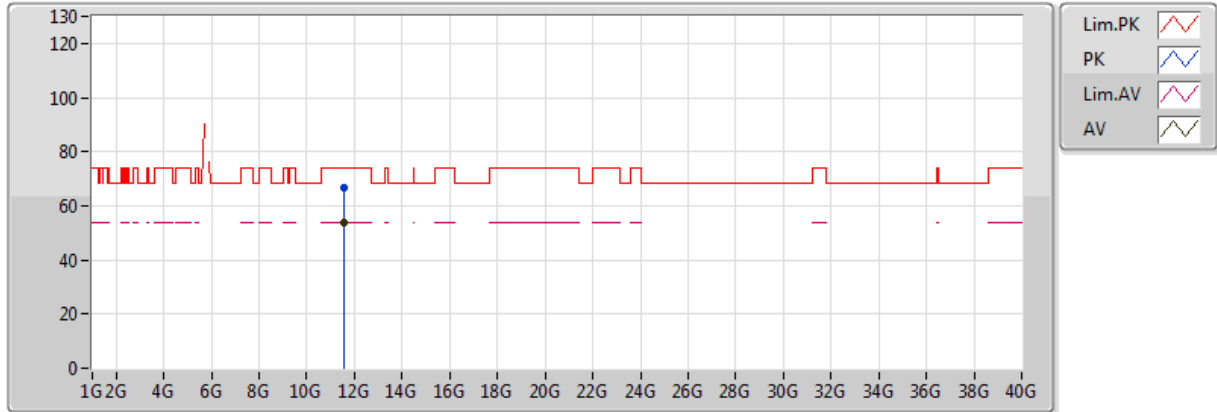


20171215
EUT X_2TX
Setting 3A
01-M-1
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.5718G	53.02	54.00	-0.98	12.29	3	Vertical	165	2.11					
PK	11.5711G	65.75	74.00	-8.25	12.29	3	Vertical	165	2.11					

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

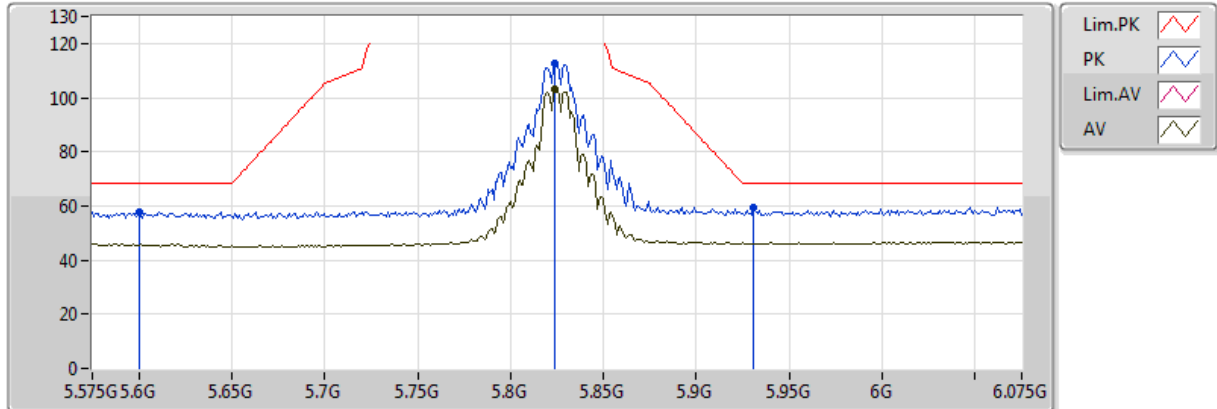


20171215
EUT X_2TX
Setting 3A
01-M-1
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.5681G	53.79	54.00	-0.21	12.29	3	Horizontal	189	2.20					
PK	11.5736G	66.91	74.00	-7.09	12.29	3	Horizontal	189	2.20					

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

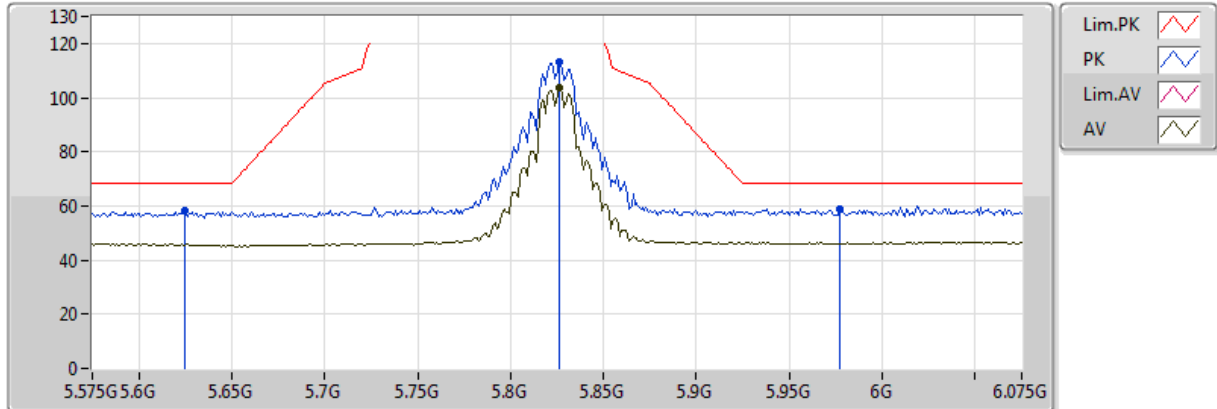


20171021
EUT X_2TX
Setting 26
01-C-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.824G	103.37	Inf	-Inf	5.96	3	Vertical	278	1.12					
PK	5.6G	57.82	68.20	-10.38	5.31	3	Vertical	278	1.12					
PK	5.824G	112.37	Inf	-Inf	5.96	3	Vertical	278	1.12					
PK	5.931G	59.38	68.20	-8.82	6.36	3	Vertical	278	1.12					

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

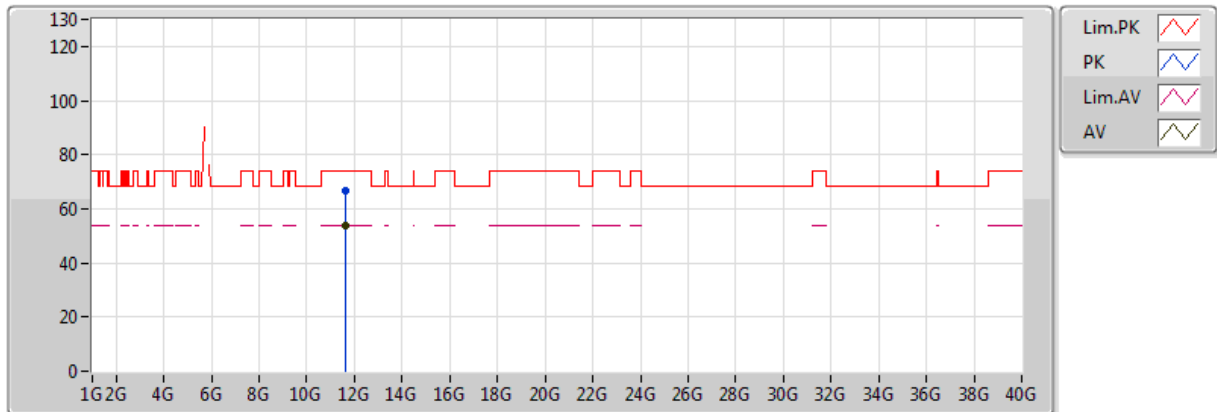


20171021
EUT X_2TX
Setting 26
01-C-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.826G	103.63	Inf	-Inf	5.97	3	Horizontal	14	1.01					
PK	5.625G	58.19	68.20	-10.01	5.38	3	Horizontal	14	1.01					
PK	5.826G	113.26	Inf	-Inf	5.97	3	Horizontal	14	1.01					
PK	5.977G	58.71	68.20	-9.49	6.53	3	Horizontal	14	1.01					

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

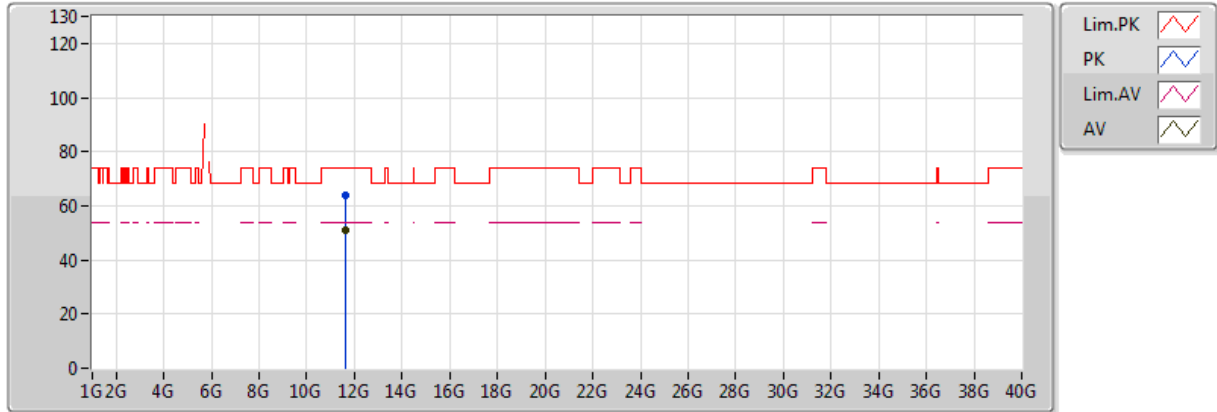


20171021
EUT X_2TX
Setting 26
01-C-5
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	11.65012G	53.62	54.00	-0.38	12.28	3	Vertical	16	1.03					
PK	11.65028G	66.79	74.00	-7.21	12.28	3	Vertical	16	1.03					

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

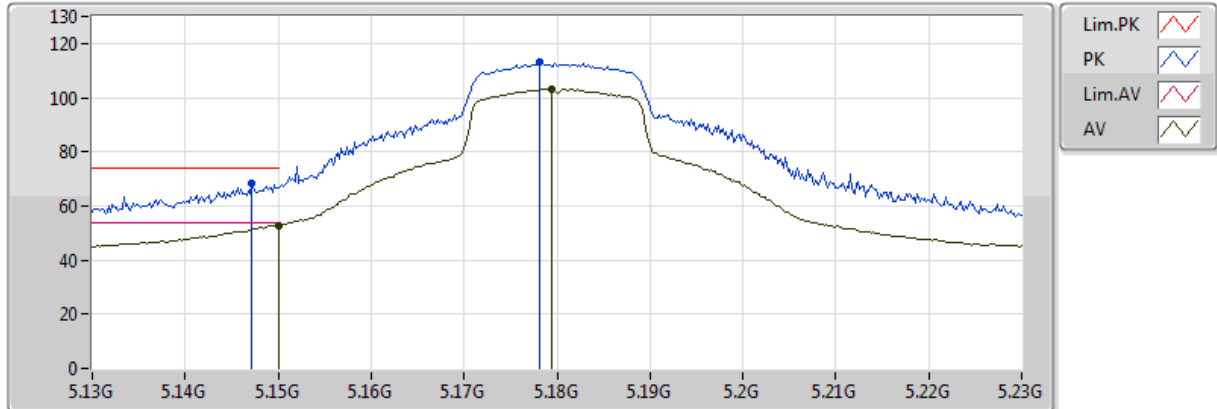


20171021
EUT X_2TX
Setting 26
01-C-5
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.64764G	50.74	54.00	-3.26	12.28	3	Horizontal	178	2.28					
PK	11.653G	63.87	74.00	-10.13	12.28	3	Horizontal	178	2.28					

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

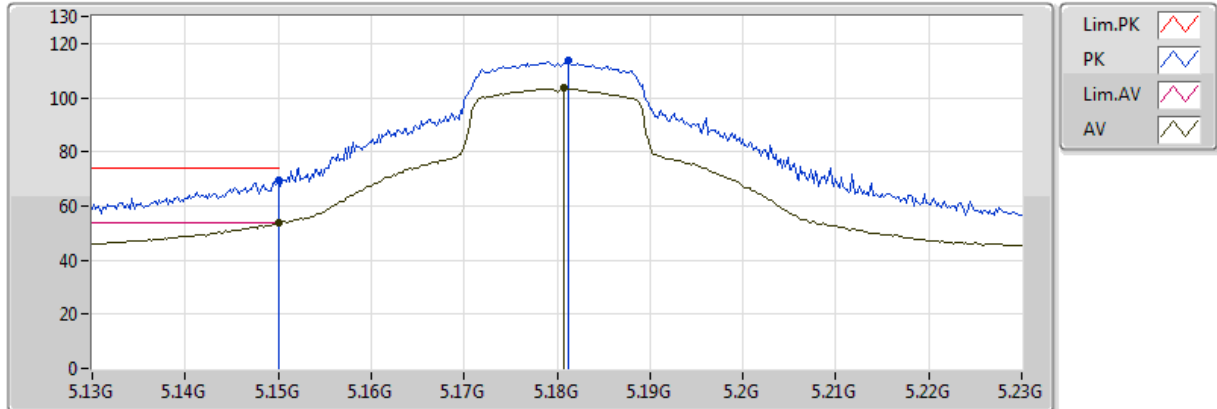


20171021
EUT X_2TX
Setting 28
01-C-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.149995G	52.87	54.00	-1.13	4.17	3	Vertical	79	1.47					
AV	5.1794G	103.16	Inf	-Inf	4.23	3	Vertical	79	1.47					
PK	5.1472G	68.24	74.00	-5.76	4.16	3	Vertical	79	1.47					
PK	5.1782G	113.20	Inf	-Inf	4.23	3	Vertical	79	1.47					

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

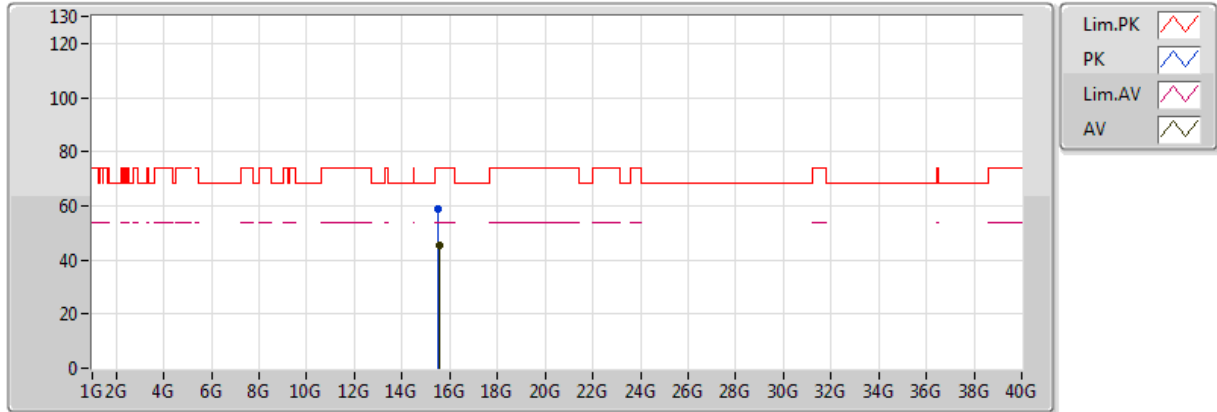


20171021
EUT X_2TX
Setting 28
01-C-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.149995G	53.69	54.00	-0.31	4.17	3	Horizontal	164	1.01					
AV	5.1808G	103.52	Inf	-Inf	4.24	3	Horizontal	164	1.01					
PK	5.149995G	69.32	74.00	-4.68	4.17	3	Horizontal	164	1.01					
PK	5.1812G	113.94	Inf	-Inf	4.24	3	Horizontal	164	1.01					

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

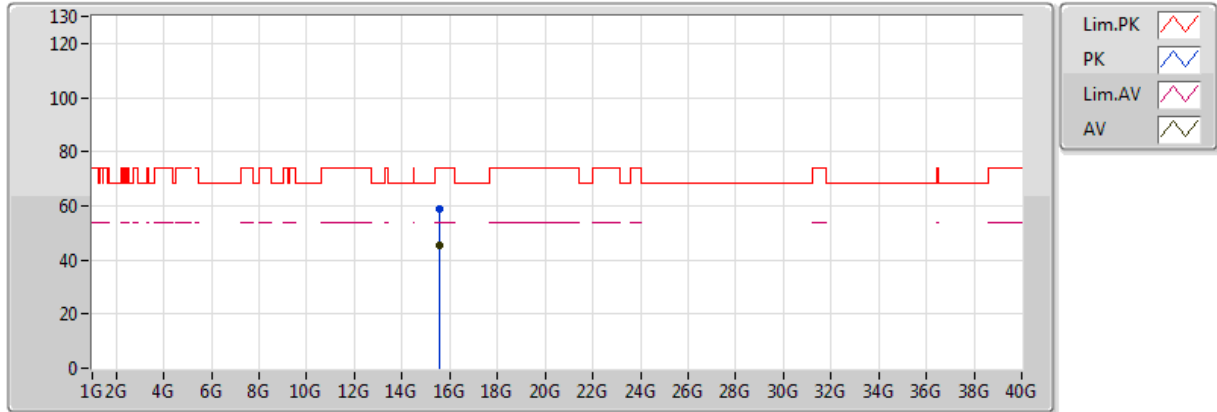


20171021
EUT X_2TX
Setting 28
01-C-5
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	15.549G	45.13	54.00	-8.87	13.52	3	Vertical	76	2.28					
PK	15.5279G	58.93	74.00	-15.07	13.55	3	Vertical	76	2.28					

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

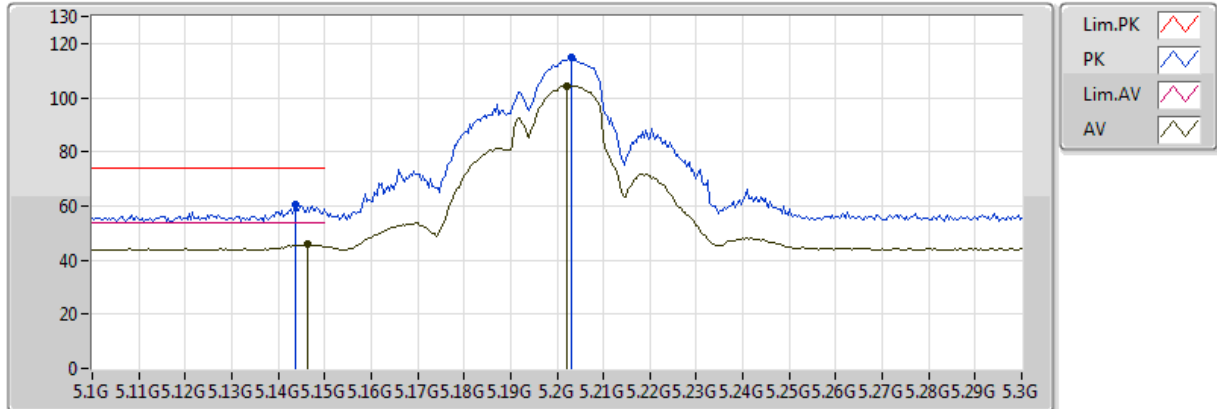


20171021
EUT X_2TX
Setting 28
01-C-5
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	15.5496G	45.29	54.00	-8.71	13.52	3	Horizontal	137	2.45					
PK	15.5445G	58.96	74.00	-15.04	13.53	3	Horizontal	137	2.45					

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

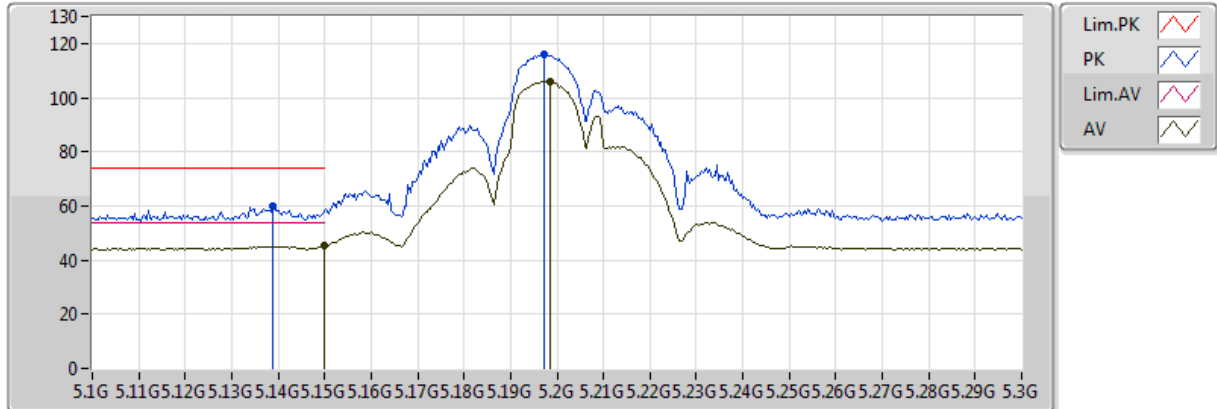


20171215
EUT X_2TX
Setting 3A
01-M-1-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.1464G	45.80	54.00	-8.20	4.16	3	Vertical	275	1.01					
AV	5.202G	104.47	Inf	-Inf	4.28	3	Vertical	275	1.01					
PK	5.1436G	60.60	74.00	-13.40	4.16	3	Vertical	275	1.01					
PK	5.2032G	114.72	Inf	-Inf	4.29	3	Vertical	275	1.01					

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

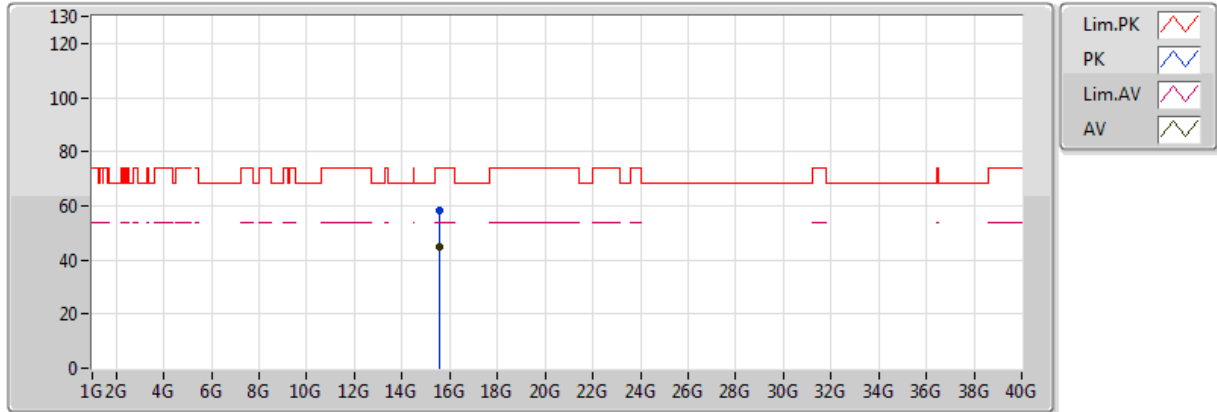


20171215
EUT X_2TX
Setting 3A
01-M-1-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.149995G	45.11	54.00	-8.89	4.17	3	Horizontal	156	1.04					
AV	5.1984G	105.93	Inf	-Inf	4.28	3	Horizontal	156	1.04					
PK	5.1388G	59.96	74.00	-14.04	4.15	3	Horizontal	156	1.04					
PK	5.1972G	116.16	Inf	-Inf	4.27	3	Horizontal	156	1.04					

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

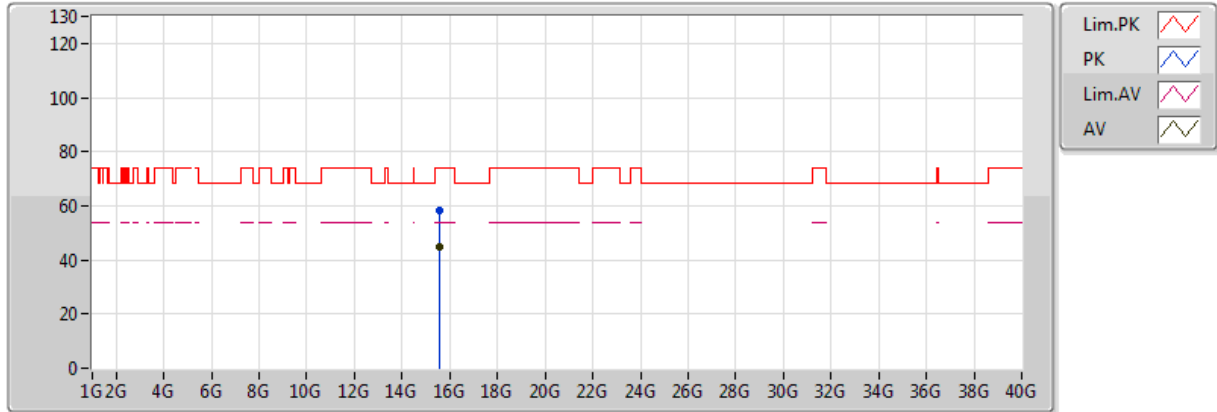


20171215
EUT X_2TX
Setting 3A
01-M-1
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	15.59224G	44.71	54.00	-9.29	13.47	3	Vertical	165	2.08					
PK	15.59188G	58.32	74.00	-15.68	13.47	3	Vertical	165	2.08					

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

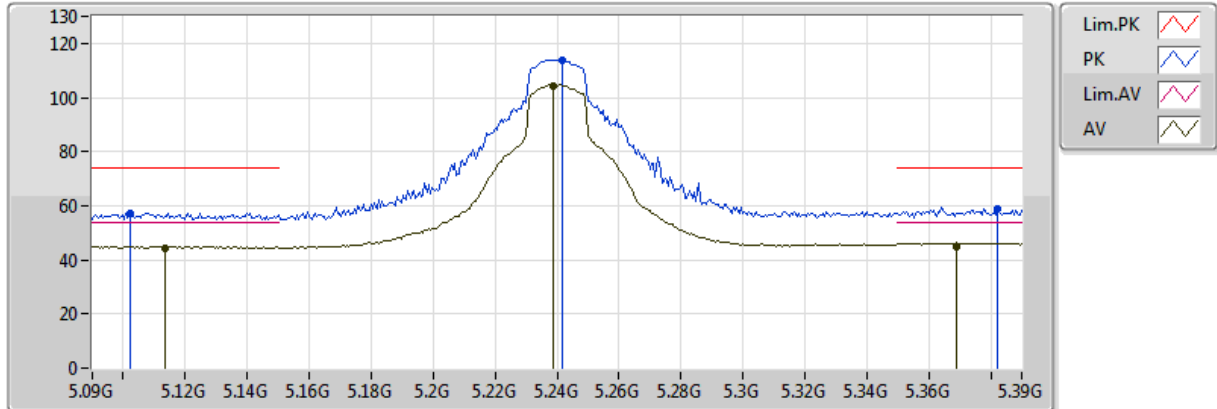


20171215
EUT X_2TX
Setting 3A
01-M-1
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	15.59164G	44.74	54.00	-9.26	13.47	3	Horizontal	322	1.58					
PK	15.59136G	58.06	74.00	-15.94	13.47	3	Horizontal	322	1.58					

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

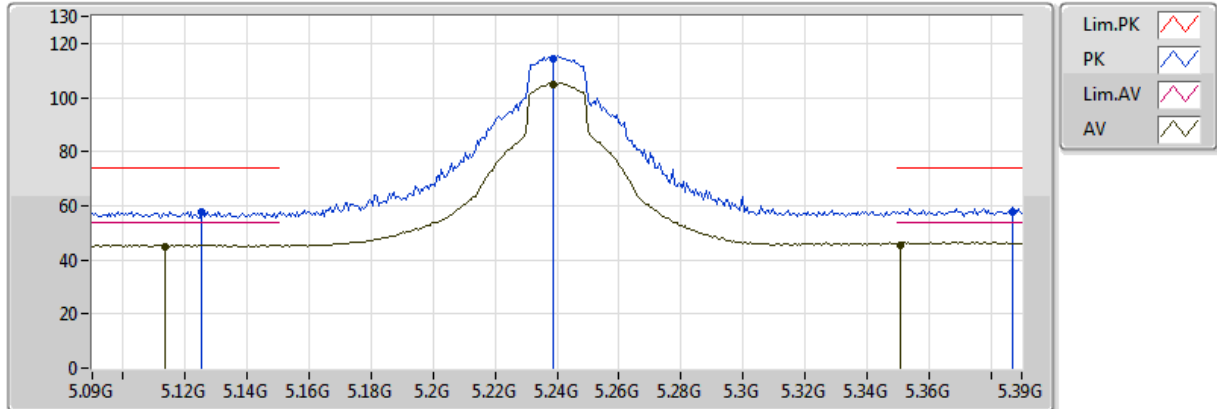


20171021
EUT X_2TX
Setting 3A (Max Setting)
01-C-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.1134G	44.22	54.00	-9.78	4.09	3	Vertical	93	1.50					
AV	5.2388G	104.20	Inf	-Inf	4.35	3	Vertical	93	1.50					
AV	5.369G	45.09	54.00	-8.91	4.55	3	Vertical	93	1.50					
PK	5.102G	57.25	74.00	-16.75	4.06	3	Vertical	93	1.50					
PK	5.2418G	113.56	Inf	-Inf	4.35	3	Vertical	93	1.50					
PK	5.3822G	58.65	74.00	-15.35	4.57	3	Vertical	93	1.50					

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

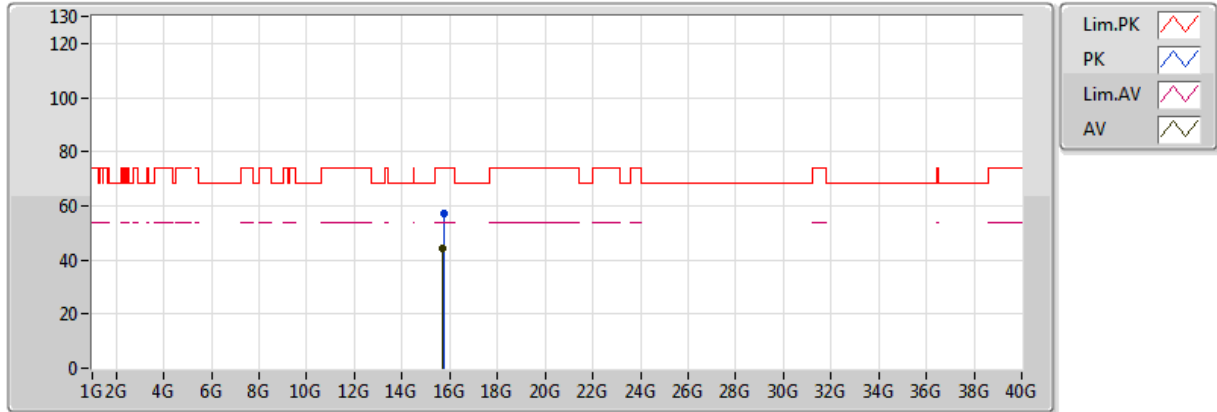


20171021
EUT X_2TX
Setting 3A (Max Setting)
01-C-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.1134G	44.60	54.00	-9.40	4.09	3	Horizontal	165	1.00					
AV	5.2388G	104.78	Inf	-Inf	4.35	3	Horizontal	165	1.00					
AV	5.351G	45.34	54.00	-8.66	4.52	3	Horizontal	165	1.00					
PK	5.1254G	57.99	74.00	-16.01	4.12	3	Horizontal	165	1.00					
PK	5.2388G	114.43	Inf	-Inf	4.35	3	Horizontal	165	1.00					
PK	5.387G	57.97	74.00	-16.03	4.57	3	Horizontal	165	1.00					

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

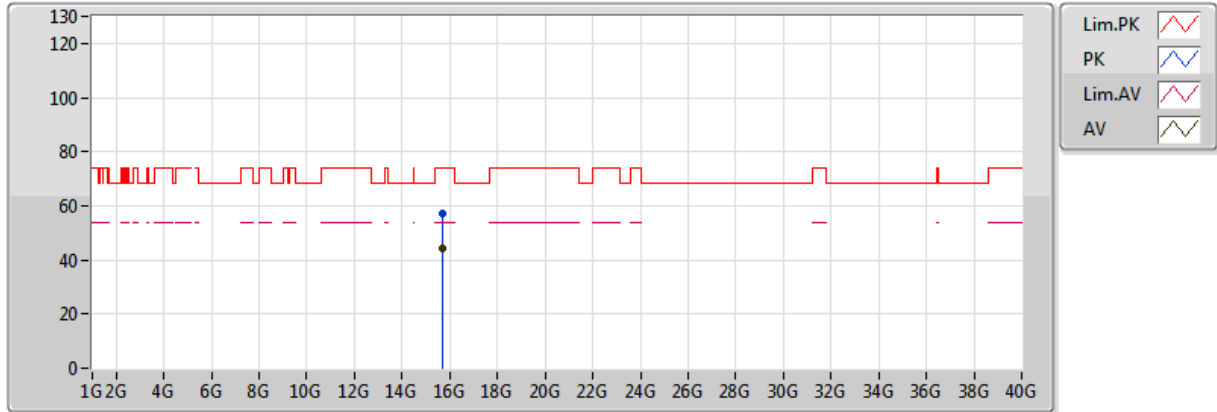


20171021
EUT X_2TX
Setting 3A (Max Setting)
01-C-5
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	15.7167G	44.12	54.00	-9.88	13.33	3	Vertical	155	2.35					
PK	15.7376G	57.13	74.00	-16.87	13.30	3	Vertical	155	2.35					

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

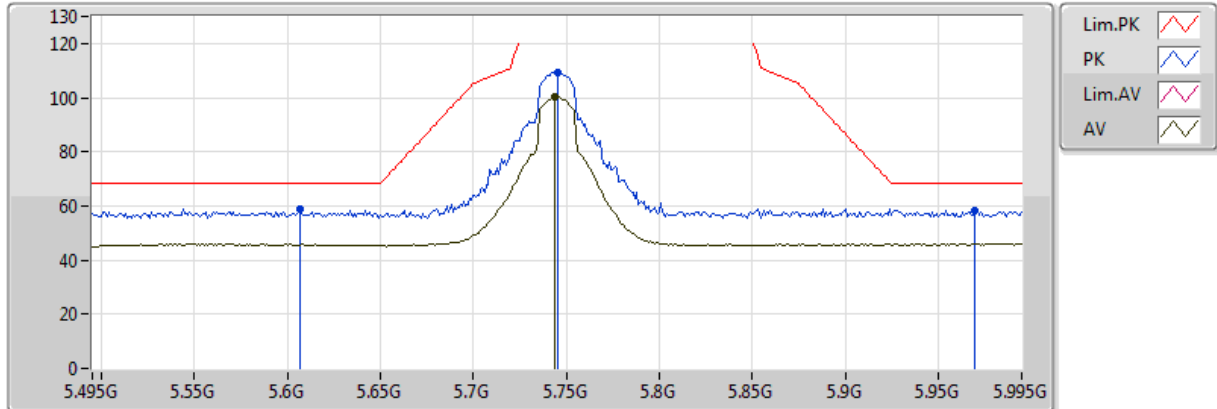


20171021
EUT X_2TX
Setting 3A (Max Setting)
01-C-5
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	15.722G	44.07	54.00	-9.93	13.32	3	Horizontal	305	1.46					
PK	15.7125G	57.30	74.00	-16.70	13.33	3	Horizontal	305	1.46					

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

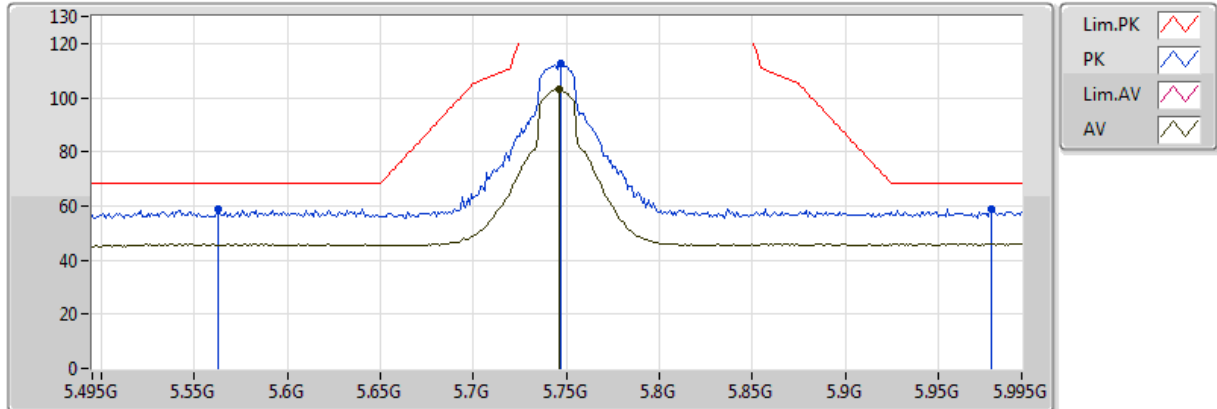


20171021
EUT X_2TX
Setting 26
01-C-5-10
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.744G	100.39	Inf	-Inf	5.72	3	Vertical	232	1.00					
PK	5.607G	58.77	68.20	-9.43	5.33	3	Vertical	232	1.00					
PK	5.745G	109.52	Inf	-Inf	5.72	3	Vertical	232	1.00					
PK	5.97G	58.49	68.20	-9.71	6.51	3	Vertical	232	1.00					

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

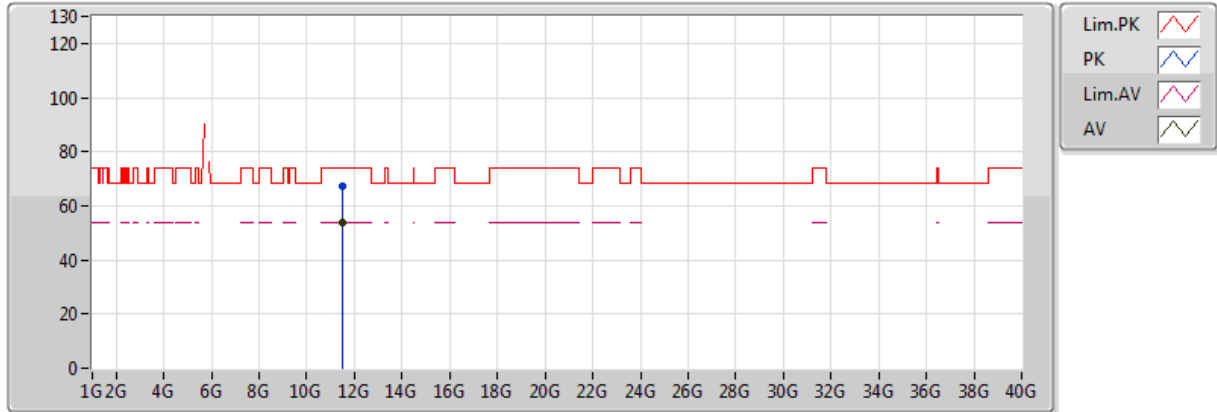


20171021
EUT X_2TX
Setting 26
01-C-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.746G	103.11	Inf	-Inf	5.72	3	Horizontal	174	1.17					
PK	5.563G	59.01	68.20	-9.19	5.16	3	Horizontal	174	1.17					
PK	5.747G	112.89	Inf	-Inf	5.73	3	Horizontal	174	1.17					
PK	5.979G	58.76	68.20	-9.44	6.54	3	Horizontal	174	1.17					

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

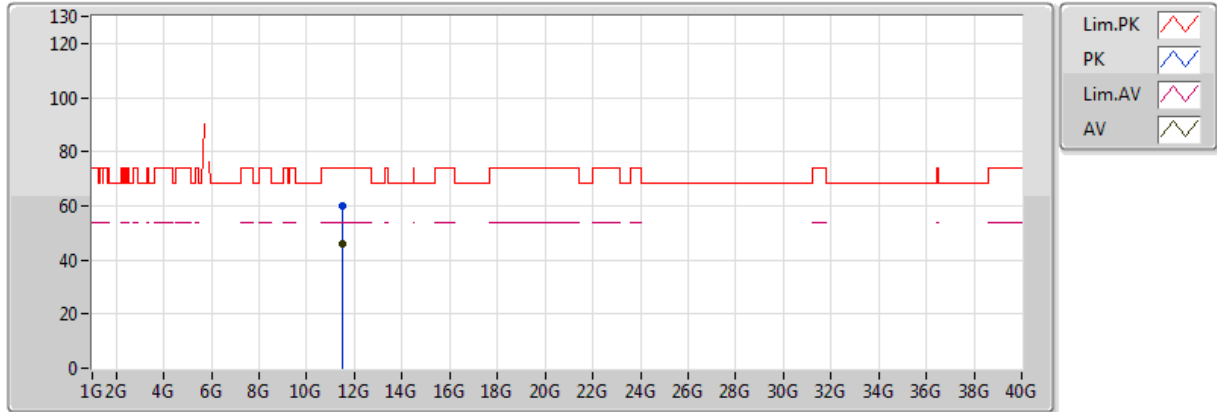


20171021
EUT X_2TX
Setting 26
01-C-5
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.4886G	53.89	54.00	-0.11	12.31	3	Vertical	160	1.00					
PK	11.4927G	67.12	74.00	-6.88	12.31	3	Vertical	160	1.00					

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

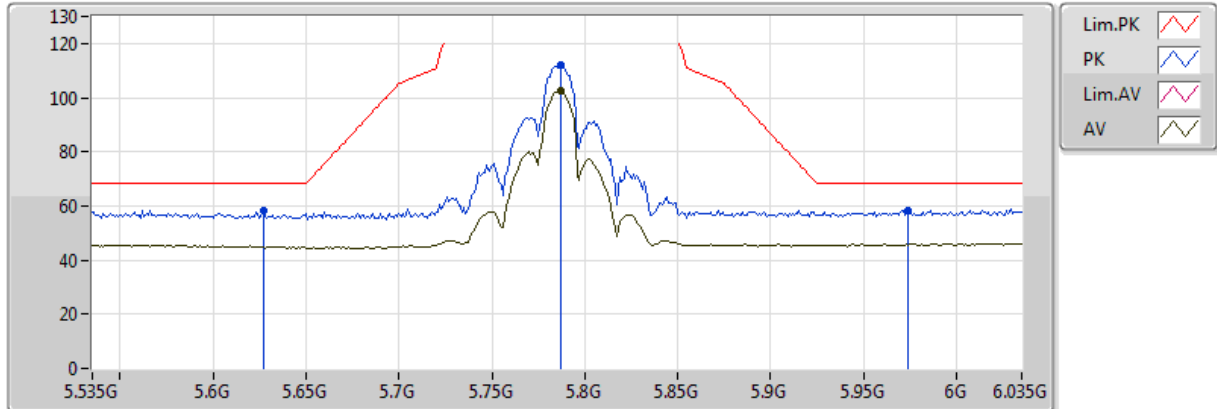


20171021
EUT X_2TX
Setting 26
01-C-5
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	11.4904G	45.88	54.00	-8.12	12.31	3	Horizontal	29	1.06					
PK	11.4896G	59.71	74.00	-14.29	12.31	3	Horizontal	29	1.06					

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

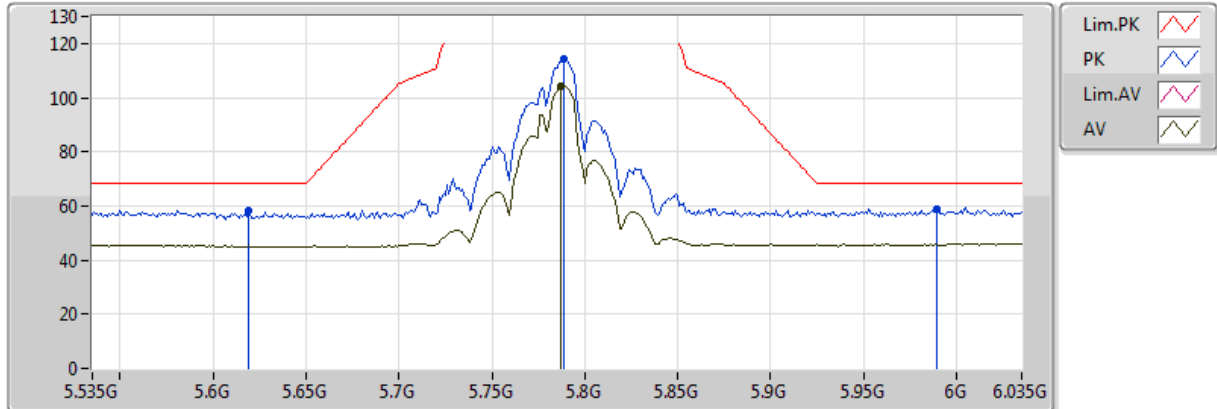


20171215
EUT X_2TX
Setting 36
01-M-1-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.787G	102.70	Inf	-Inf	5.83	3	Vertical	286	2.59					
PK	5.627G	58.25	68.20	-9.95	5.39	3	Vertical	286	2.59					
PK	5.787G	112.15	Inf	-Inf	5.83	3	Vertical	286	2.59					
PK	5.974G	58.39	68.20	-9.81	6.52	3	Vertical	286	2.59					

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

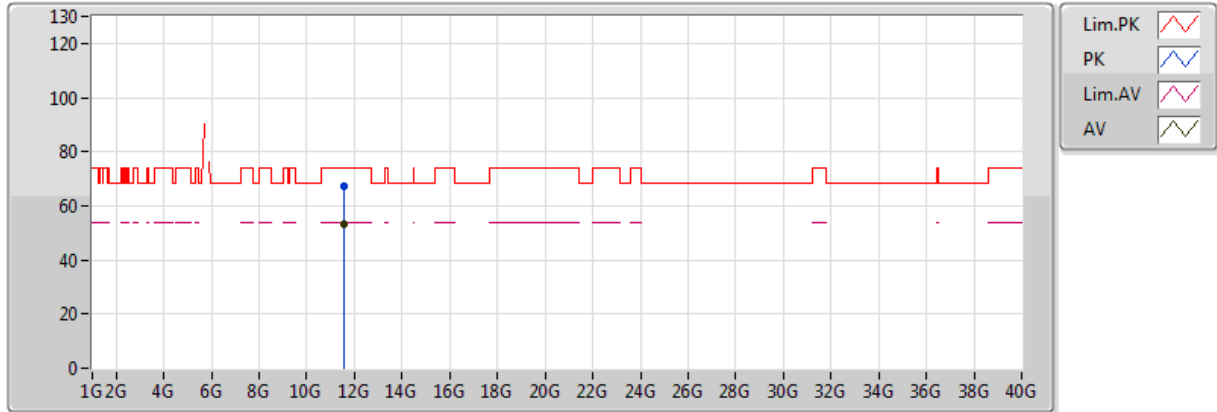


20171215
EUT X_2TX
Setting 36
01-M-1-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.787G	104.35	Inf	-Inf	5.83	3	Horizontal	161	1.01					
PK	5.619G	58.48	68.20	-9.72	5.37	3	Horizontal	161	1.01					
PK	5.789G	114.52	Inf	-Inf	5.84	3	Horizontal	161	1.01					
PK	5.989G	59.07	68.20	-9.13	6.58	3	Horizontal	161	1.01					

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

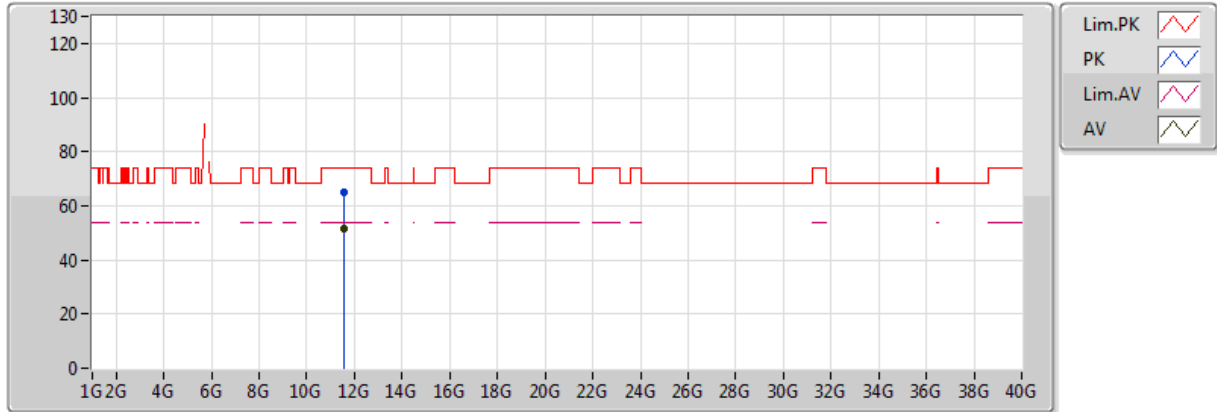


20171215
EUT X_2TX
Setting 36
01-M-1
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.56898G	53.45	54.00	-0.55	12.29	3	Vertical	166	2.10					
PK	11.56622G	67.41	74.00	-6.59	12.29	3	Vertical	166	2.10					

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

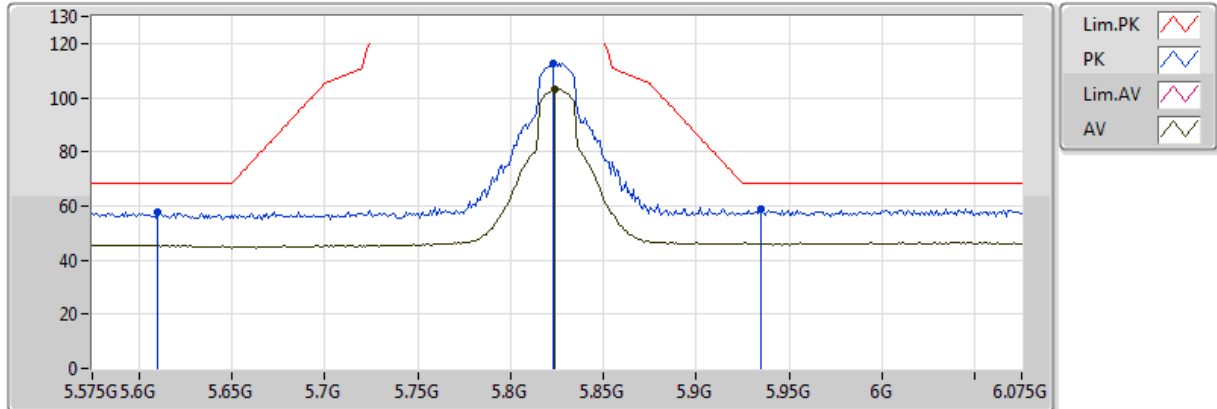


20171215
EUT X_2TX
Setting 36
01-M-1
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	11.57234G	51.83	54.00	-2.17	12.29	3	Horizontal	156	2.10					
PK	11.56862G	65.01	74.00	-8.99	12.29	3	Horizontal	156	2.10					

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

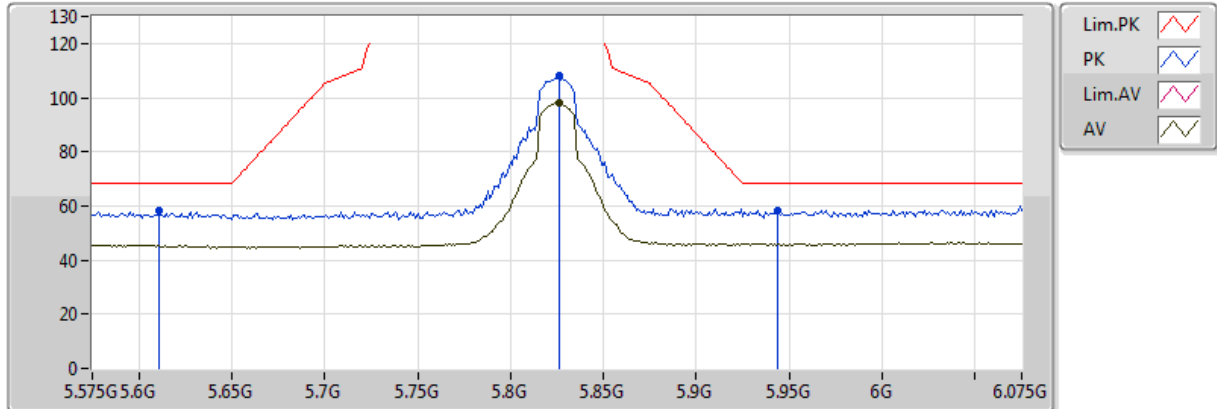


20171021
EUT X_2TX
Setting 28
01-C-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.824G	103.22	Inf	-Inf	5.96	3	Vertical	275	1.14					
PK	5.61G	57.91	68.20	-10.29	5.34	3	Vertical	275	1.14					
PK	5.823G	112.65	Inf	-Inf	5.96	3	Vertical	275	1.14					
PK	5.935G	58.86	68.20	-9.34	6.37	3	Vertical	275	1.14					

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

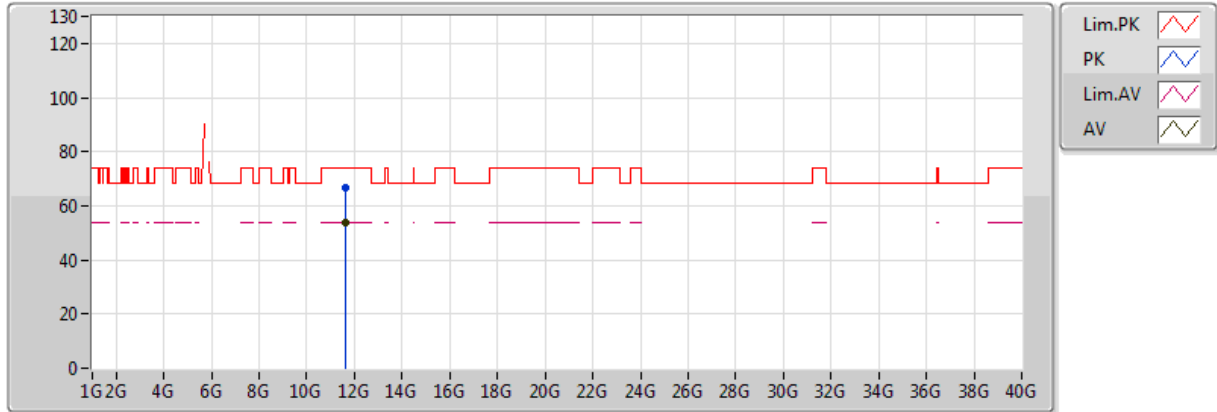


20171021
EUT X_2TX
Setting 28
01-C-5-10
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.826G	98.02	Inf	-Inf	5.97	3	Horizontal	329	1.08					
PK	5.611G	58.01	68.20	-10.19	5.34	3	Horizontal	329	1.08					
PK	5.826G	108.17	Inf	-Inf	5.97	3	Horizontal	329	1.08					
PK	5.944G	58.55	68.20	-9.65	6.41	3	Horizontal	329	1.08					

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

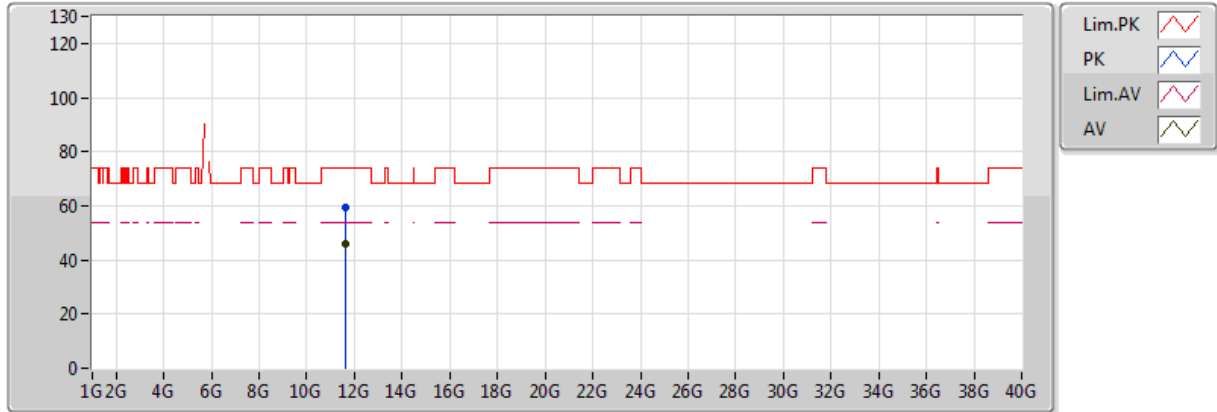


20171021
EUT X_2TX
Setting 28
01-C-5
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.6489G	53.90	54.00	-0.10	12.28	3	Vertical	23	1.06					
PK	11.6458G	66.92	74.00	-7.08	12.28	3	Vertical	23	1.06					

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

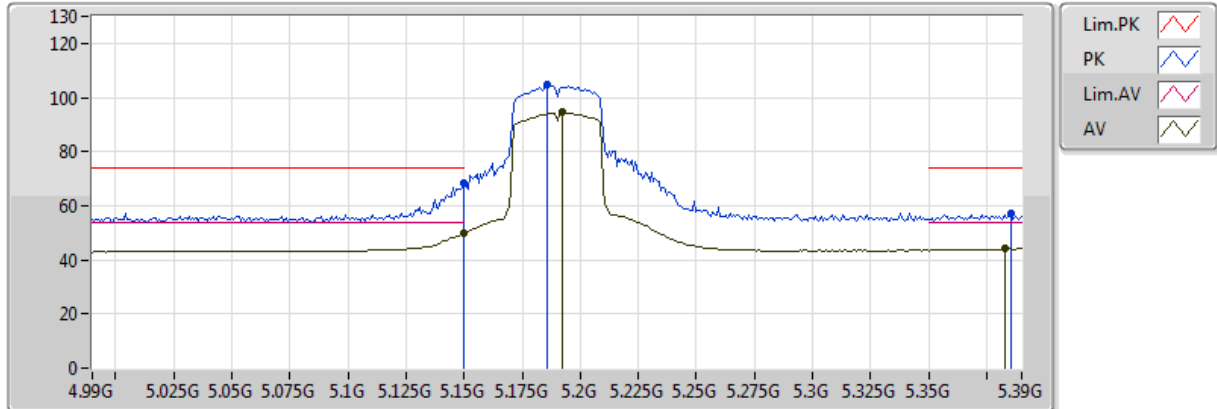


20171021
EUT X_2TX
Setting 28
01-C-5
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.65G	45.78	54.00	-8.22	12.28	3	Horizontal	29	2.11					
PK	11.6495G	59.31	74.00	-14.69	12.28	3	Horizontal	29	2.11					

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

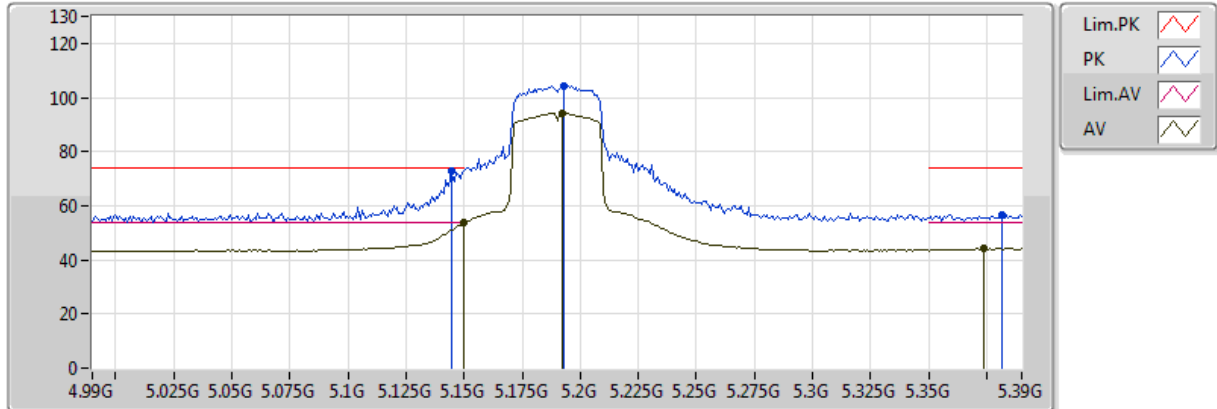


20171215
EUT X_2TX
Setting 17
01-M-1-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.149995G	49.87	54.00	-4.13	4.17	3	Vertical	273	2.56					
AV	5.1924G	94.54	Inf	-Inf	4.26	3	Vertical	273	2.56					
AV	5.3828G	44.04	54.00	-9.96	4.57	3	Vertical	273	2.56					
PK	5.149995G	68.18	74.00	-5.82	4.17	3	Vertical	273	2.56					
PK	5.186G	104.63	Inf	-Inf	4.25	3	Vertical	273	2.56					
PK	5.3852G	57.13	74.00	-16.87	4.57	3	Vertical	273	2.56					

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

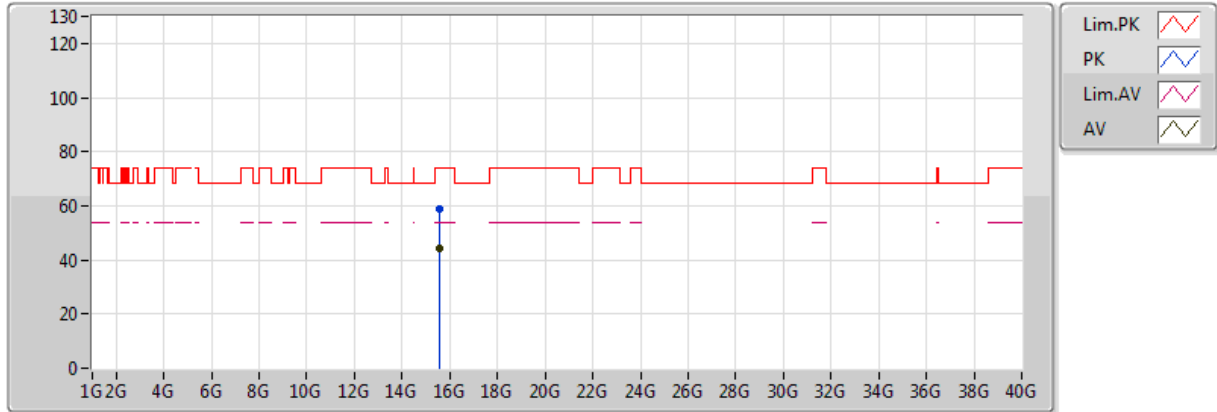


20171215
EUT X_2TX
Setting 17
01-M-1-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.149995G	53.57	54.00	-0.43	4.17	3	Horizontal	7	1.00					
AV	5.1924G	94.19	Inf	-Inf	4.26	3	Horizontal	7	1.00					
AV	5.374G	44.06	54.00	-9.94	4.55	3	Horizontal	7	1.00					
PK	5.1444G	72.89	74.00	-1.11	4.16	3	Horizontal	7	1.00					
PK	5.1932G	104.25	Inf	-Inf	4.27	3	Horizontal	7	1.00					
PK	5.3812G	56.75	74.00	-17.25	4.56	3	Horizontal	7	1.00					

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

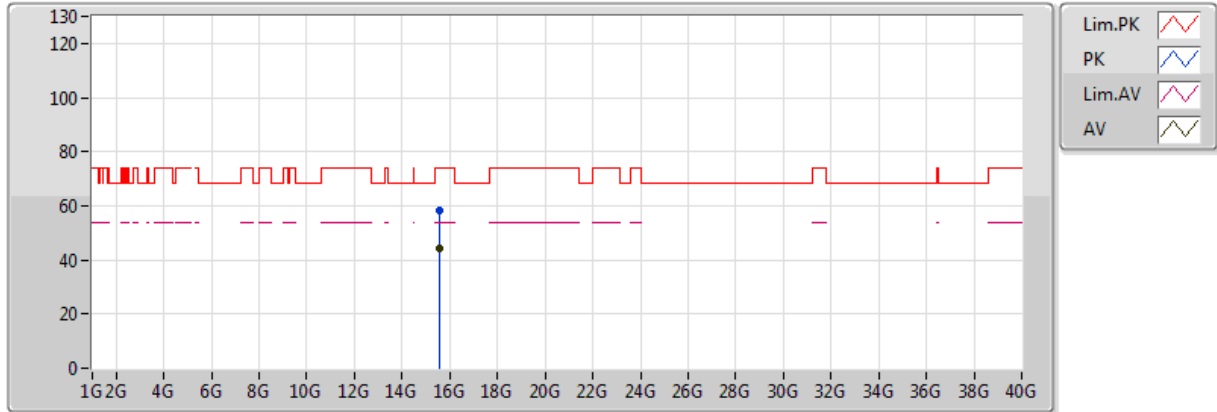


20171215
EUT X_2TX
Setting 17
01-M-1
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	15.56908G	44.41	54.00	-9.59	13.50	3	Vertical	56	2.45					
PK	15.57412G	58.86	74.00	-15.14	13.49	3	Vertical	56	2.45					

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

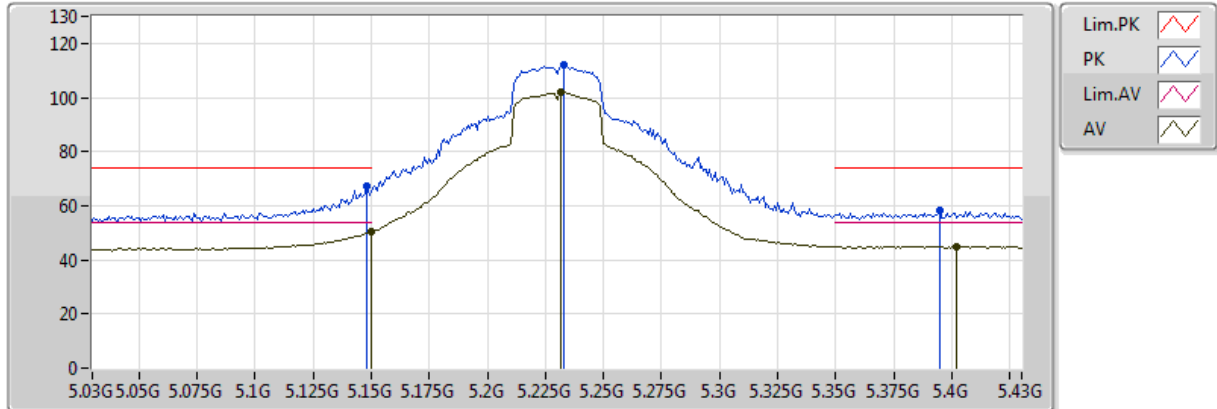


20171215
EUT X_2TX
Setting 17
01-M-1
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	15.56602G	44.36	54.00	-9.64	13.50	3	Horizontal	85	2.24					
PK	15.56876G	58.07	74.00	-15.93	13.50	3	Horizontal	85	2.24					

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

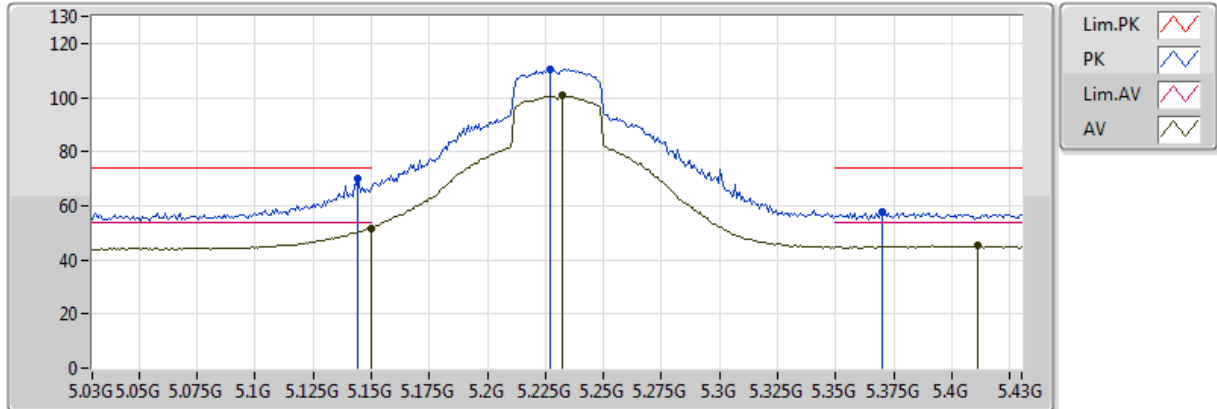


20171215
EUT X_2TX
Setting 3A
01-M-1-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.149995G	50.21	54.00	-3.79	4.17	3	Vertical	268	2.42					
AV	5.2316G	101.95	Inf	-Inf	4.33	3	Vertical	268	2.42					
AV	5.402G	45.08	54.00	-8.92	4.60	3	Vertical	268	2.42					
PK	5.1484G	67.11	74.00	-6.89	4.17	3	Vertical	268	2.42					
PK	5.2332G	112.02	Inf	-Inf	4.34	3	Vertical	268	2.42					
PK	5.3948G	58.51	74.00	-15.49	4.58	3	Vertical	268	2.42					

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

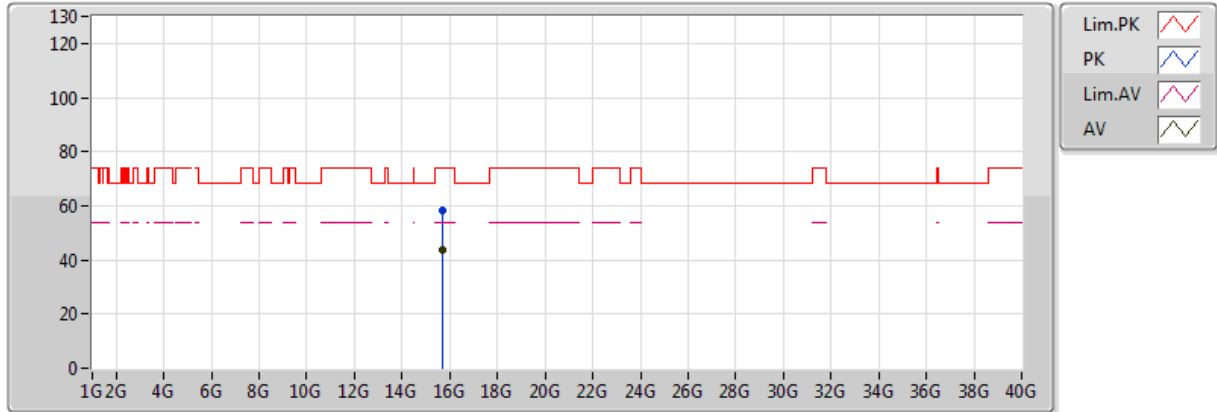


20171215
EUT X_2TX
Setting 3A
01-M-1-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.149995G	51.83	54.00	-2.17	4.17	3	Horizontal	170	1.00					
AV	5.2324G	100.61	Inf	-Inf	4.34	3	Horizontal	170	1.00					
AV	5.4108G	45.18	54.00	-8.82	4.62	3	Horizontal	170	1.00					
PK	5.1444G	69.94	74.00	-4.06	4.16	3	Horizontal	170	1.00					
PK	5.2268G	110.41	Inf	-Inf	4.33	3	Horizontal	170	1.00					
PK	5.37G	57.49	74.00	-16.51	4.55	3	Horizontal	170	1.00					

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

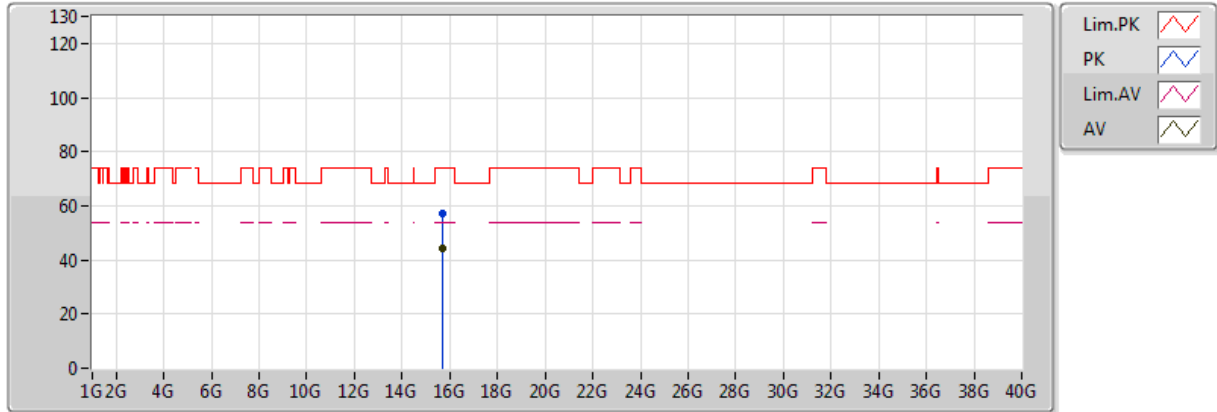


20171215
EUT X_2TX
Setting 3A
01-M-1
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	15.69196G	43.93	54.00	-10.07	13.36	3	Vertical	254	1.72					
PK	15.68844G	58.09	74.00	-15.91	13.36	3	Vertical	254	1.72					

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

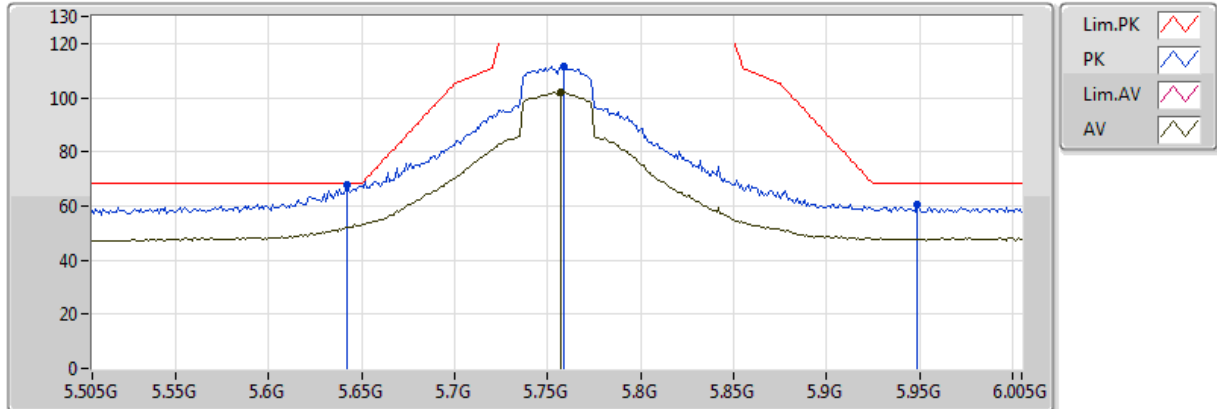


20171215
EUT X_2TX
Setting 3A
01-M-1
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	15.69466G	43.99	54.00	-10.01	13.35	3	Horizontal	61	1.78					
PK	15.68822G	57.38	74.00	-16.62	13.36	3	Horizontal	61	1.78					

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

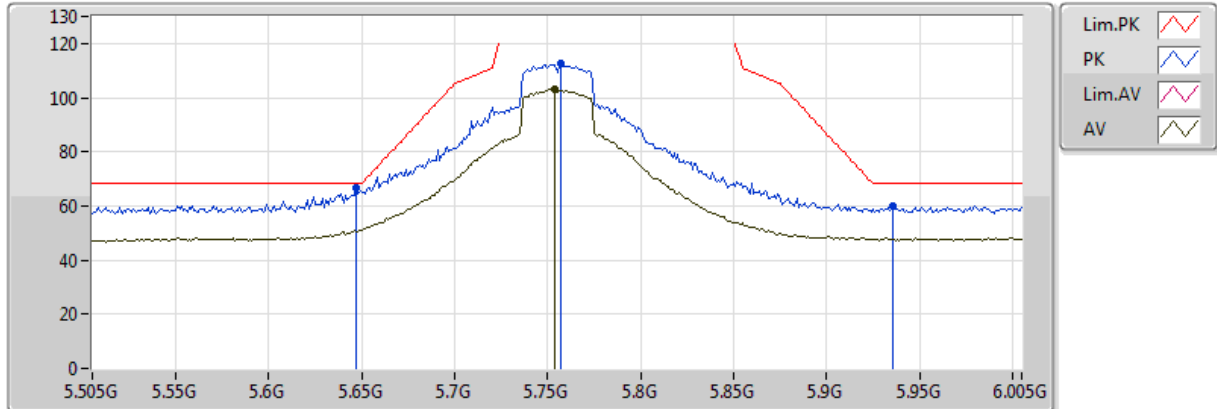


20171215
EUT X_2TX
Setting 29
01-R-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.757G	102.24	Inf	-Inf	6.83	3	Vertical	245	1.02					
PK	5.642G	67.60	68.20	-0.60	6.36	3	Vertical	245	1.02					
PK	5.759G	111.70	Inf	-Inf	6.84	3	Vertical	245	1.02					
PK	5.949G	60.29	68.20	-7.91	7.30	3	Vertical	245	1.02					

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

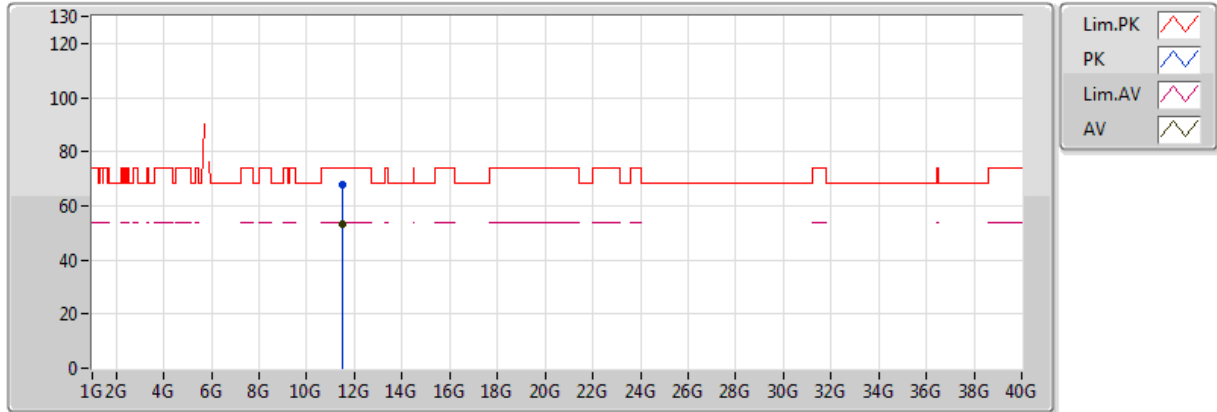


20171215
EUT X_2TX
Setting 29
01-R-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.754G	103.04	Inf	-Inf	6.82	3	Horizontal	140	2.40					
PK	5.647G	66.51	68.20	-1.69	6.38	3	Horizontal	140	2.40					
PK	5.757G	112.88	Inf	-Inf	6.83	3	Horizontal	140	2.40					
PK	5.936G	59.84	68.20	-8.36	7.27	3	Horizontal	140	2.40					

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

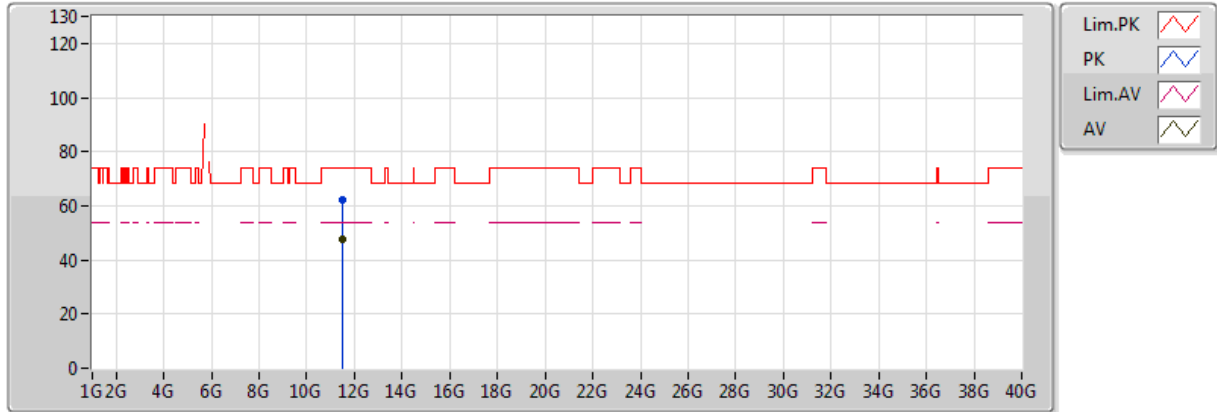


20171215
EUT X_2TX
Setting 29
01-R-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.5103G	53.05	54.00	-0.95	13.18	3	Vertical	163	1.00					
PK	11.51324G	67.71	74.00	-6.29	13.18	3	Vertical	163	1.00					

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

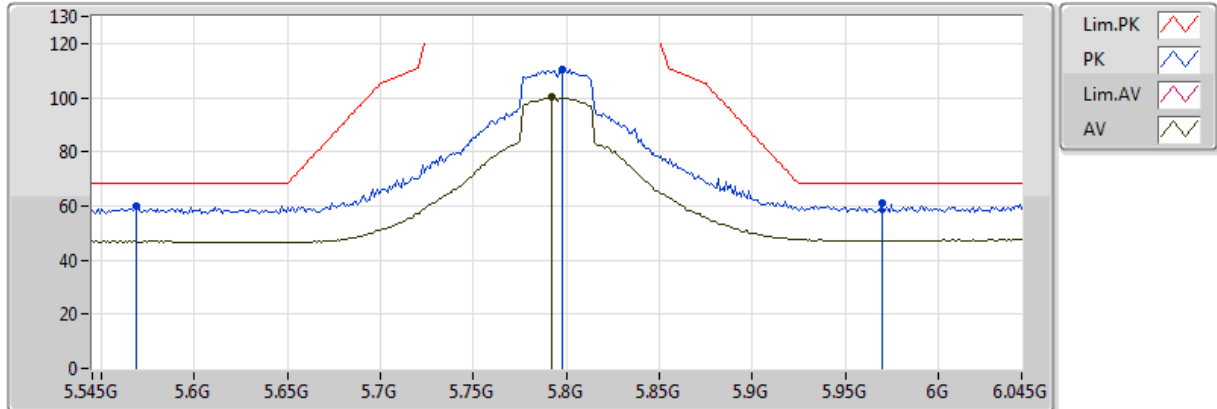


20171215
EUT X_2TX
Setting 29
01-R-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.51048G	47.55	54.00	-6.45	13.18	3	Horizontal	163	2.11					
PK	11.50712G	61.95	74.00	-12.05	13.18	3	Horizontal	163	2.11					

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

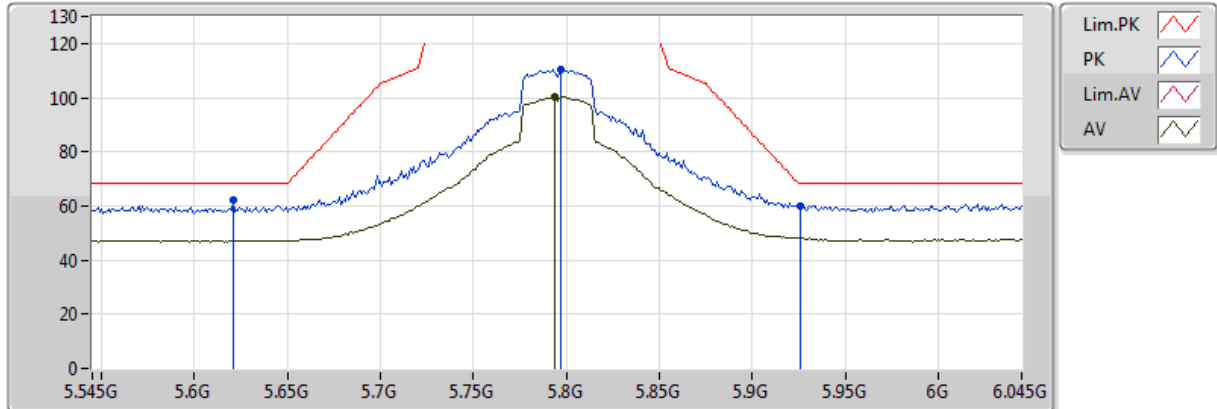


20171215
EUT_X_2TX
Setting 3A
01-R-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.792G	100.29	Inf	-Inf	6.98	3	Vertical	241	2.71					
PK	5.569G	60.03	68.20	-8.17	6.10	3	Vertical	241	2.71					
PK	5.798G	110.57	Inf	-Inf	7.00	3	Vertical	241	2.71					
PK	5.97G	60.99	68.20	-7.21	7.34	3	Vertical	241	2.71					

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

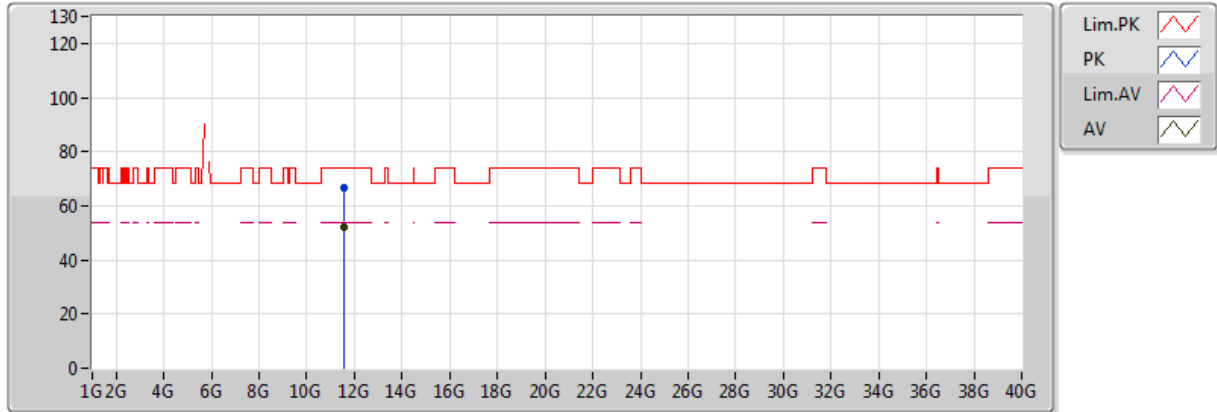


20171215
EUT_X_2TX
Setting 3A
01-R-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.794G	100.29	Inf	-Inf	6.99	3	Horizontal	164	1.09					
PK	5.621G	62.01	68.20	-6.19	6.27	3	Horizontal	164	1.09					
PK	5.797G	110.22	Inf	-Inf	7.00	3	Horizontal	164	1.09					
PK	5.926G	60.20	68.20	-8.00	7.25	3	Horizontal	164	1.09					

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

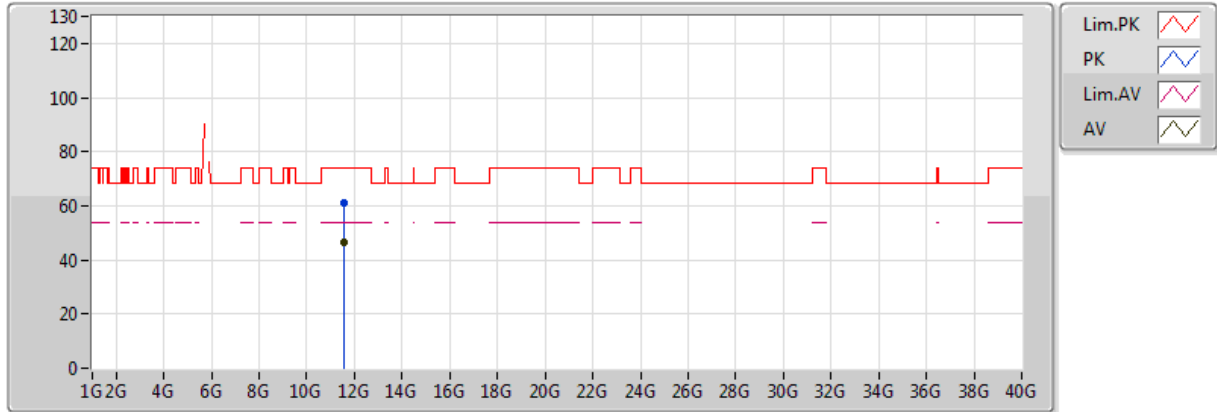


20171215
EUT X_2TX
Setting 3A
01-R-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.5894G	52.24	54.00	-1.76	13.18	3	Vertical	159	1.00					
PK	11.5867G	66.74	74.00	-7.26	13.18	3	Vertical	159	1.00					

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

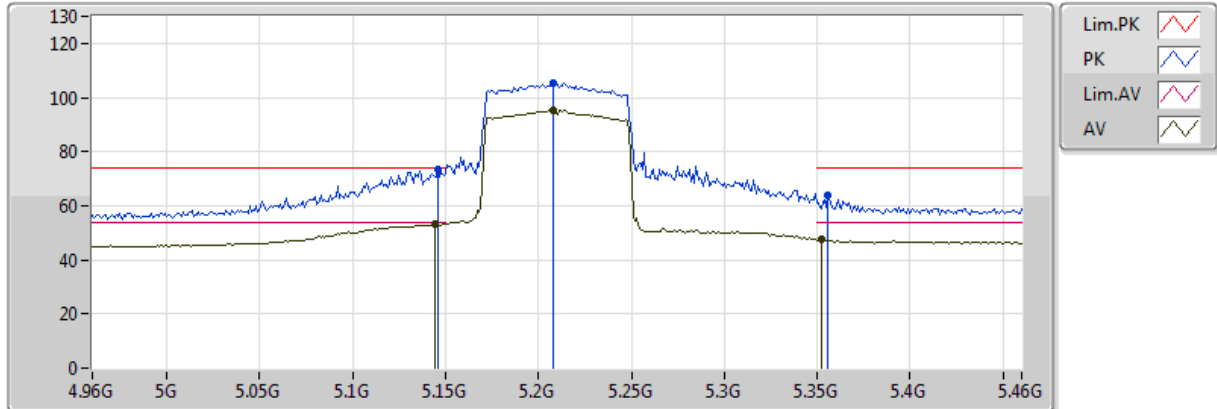


20171215
EUT X_2TX
Setting 3A
01-R-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.58634G	46.24	54.00	-7.76	13.18	3	Horizontal	165	2.14					
PK	11.5927G	61.00	74.00	-13.00	13.18	3	Horizontal	165	2.14					

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

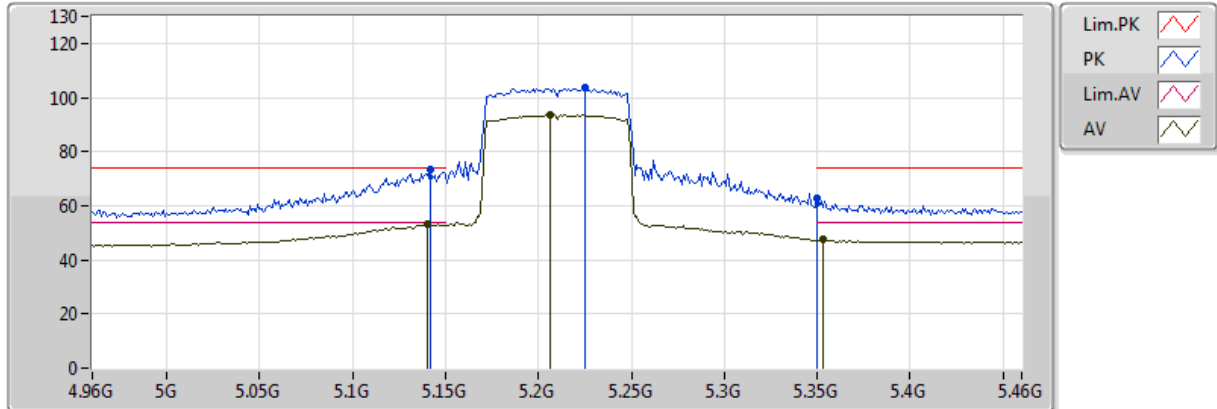


20171215
EUT X_2TX
Setting 22
01-R-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.144G	53.32	54.00	-0.68	4.82	3	Vertical	262	2.30					
AV	5.208G	95.44	Inf	-Inf	4.93	3	Vertical	262	2.30					
AV	5.352G	47.35	54.00	-6.65	5.53	3	Vertical	262	2.30					
PK	5.146G	73.63	74.00	-0.37	4.83	3	Vertical	262	2.30					
PK	5.208G	105.60	Inf	-Inf	4.93	3	Vertical	262	2.30					
PK	5.356G	63.78	74.00	-10.22	5.54	3	Vertical	262	2.30					

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

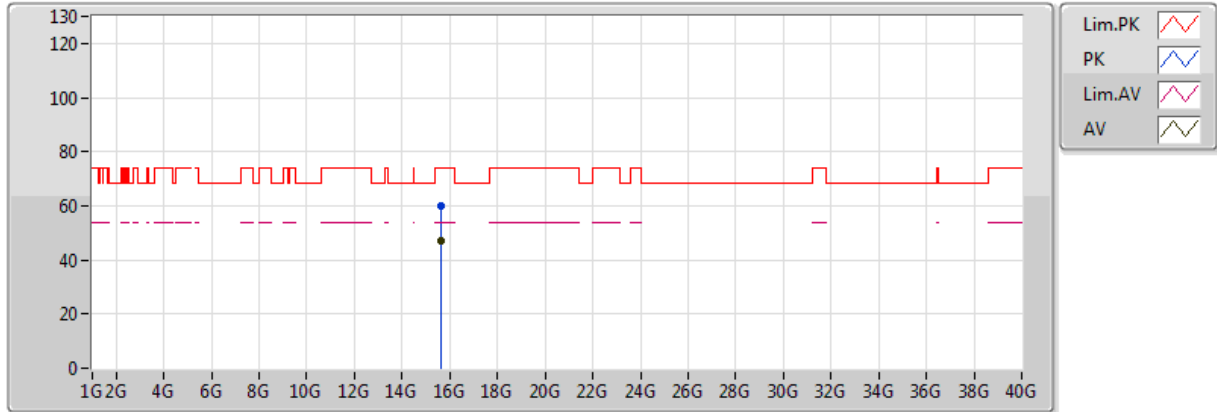


20171215
EUT X_2TX
Setting 22
01-R-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.14G	53.16	54.00	-0.84	4.82	3	Horizontal	169	1.00					
AV	5.206G	93.58	Inf	-Inf	4.92	3	Horizontal	169	1.00					
AV	5.353G	47.43	54.00	-6.57	5.53	3	Horizontal	169	1.00					
PK	5.142G	73.38	74.00	-0.62	4.82	3	Horizontal	169	1.00					
PK	5.225G	103.62	Inf	-Inf	5.00	3	Horizontal	169	1.00					
PK	5.350005G	62.99	74.00	-11.01	5.52	3	Horizontal	169	1.00					

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

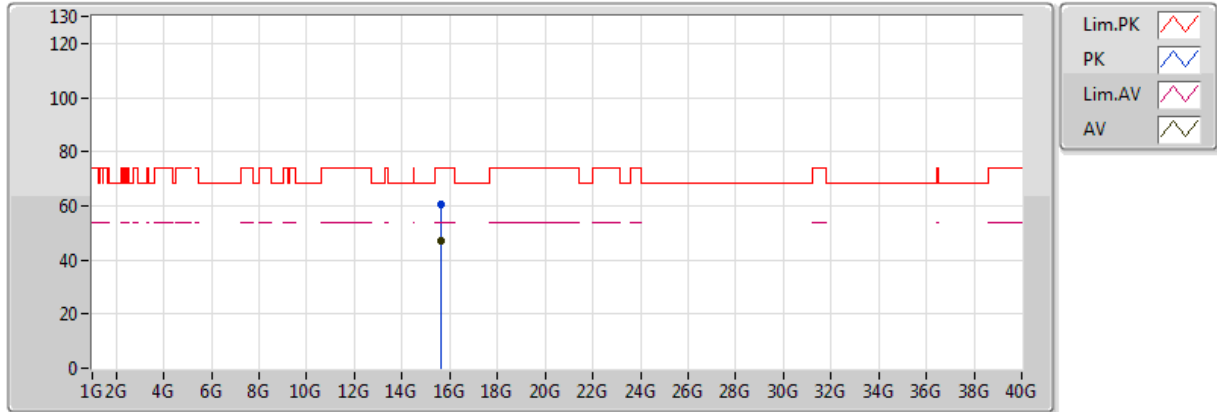


20171215
EUT X_2TX
Setting 22
01-R-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	15.6348G	46.90	54.00	-7.10	15.76	3	Vertical	231	1.36					
PK	15.63174G	60.17	74.00	-13.83	15.77	3	Vertical	231	1.36					

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

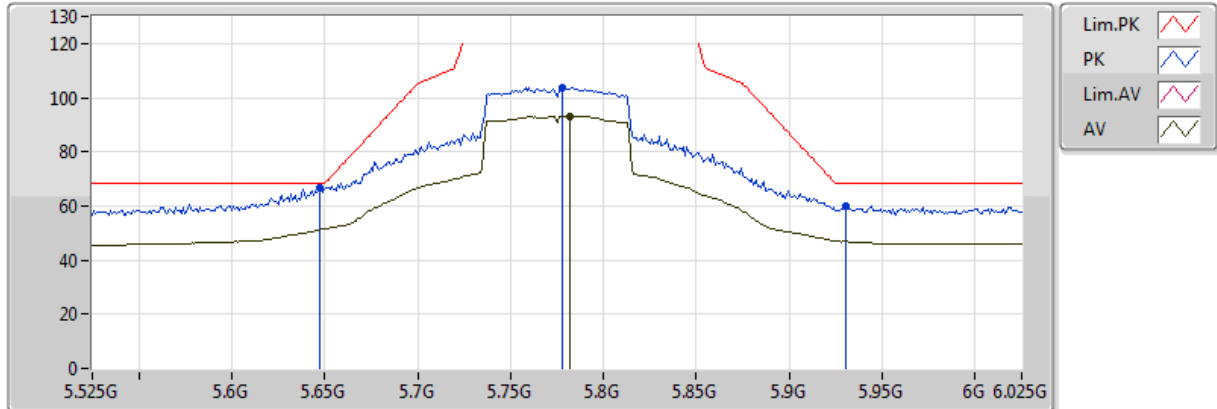


20171215
EUT X_2TX
Setting 22
01-R-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	15.6324G	46.95	54.00	-7.05	15.77	3	Horizontal	234	1.72					
PK	15.61686G	60.27	74.00	-13.73	15.79	3	Horizontal	234	1.72					

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

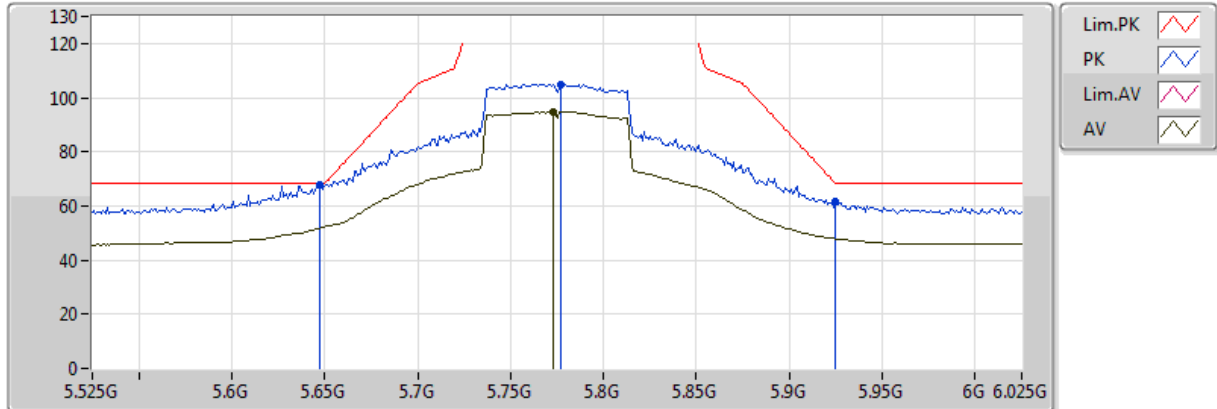


20171215
EUT X_2TX
Setting 25
01-M-1-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.782G	93.25	Inf	-Inf	5.82	3	Vertical	248	1.01					
PK	5.647G	66.85	68.20	-1.35	5.45	3	Vertical	248	1.01					
PK	5.778G	103.53	Inf	-Inf	5.81	3	Vertical	248	1.01					
PK	5.93G	60.10	68.20	-8.10	6.35	3	Vertical	248	1.01					

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

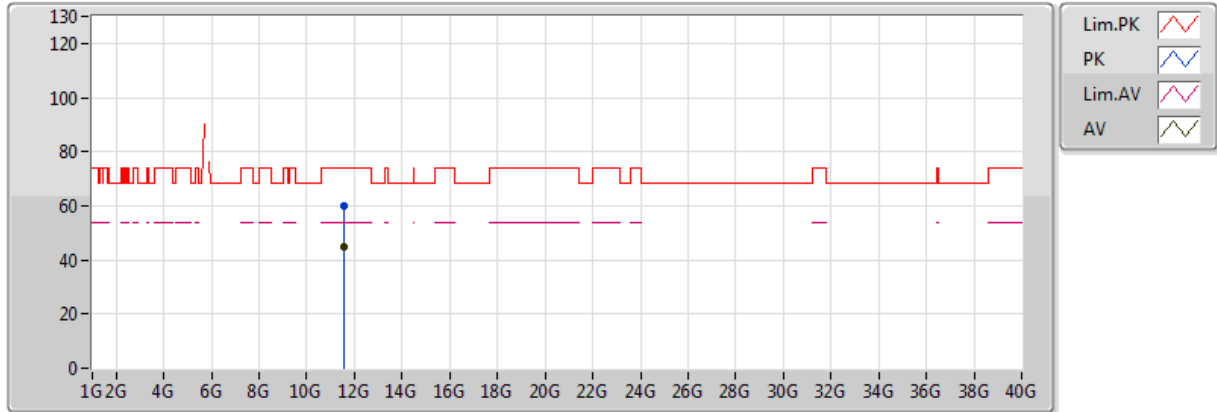


20171215
EUT X_2TX
Setting 25
01-M-1-10
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.773G	94.79	Inf	-Inf	5.80	3	Horizontal	144	2.39					
PK	5.647G	67.82	68.20	-0.38	5.45	3	Horizontal	144	2.39					
PK	5.777G	105.02	Inf	-Inf	5.81	3	Horizontal	144	2.39					
PK	5.925G	61.56	68.20	-6.64	6.33	3	Horizontal	144	2.39					

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

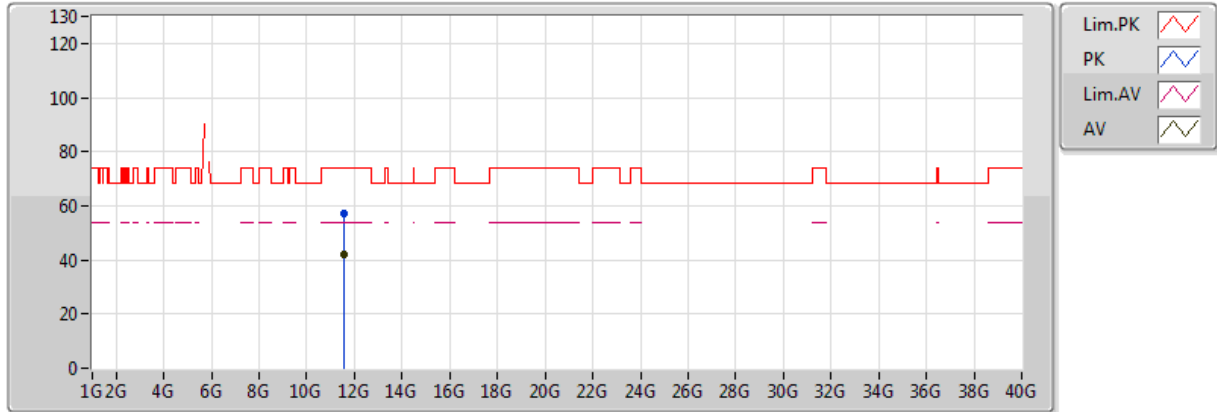


20171215
EUT X_2TX
Setting 25
01-M-1
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.55292G	44.74	54.00	-9.26	12.29	3	Vertical	164	1.02					
PK	11.55716G	59.75	74.00	-14.25	12.29	3	Vertical	164	1.02					

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX



20171215
EUT X_2TX
Setting 25
01-M-1
FSP(100056)

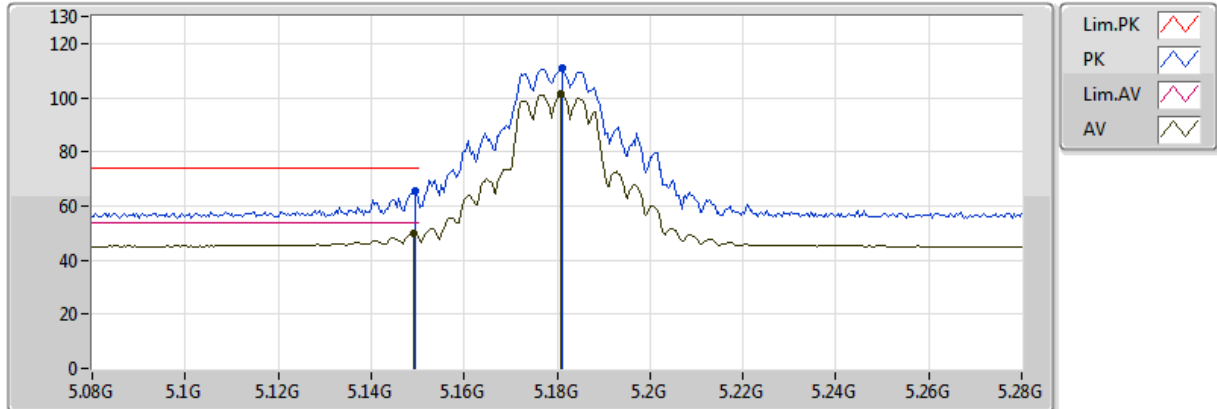
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.5474G	41.95	54.00	-12.05	12.30	3	Horizontal	144	2.07					
PK	11.54124G	56.92	74.00	-17.08	12.30	3	Horizontal	144	2.07					

**Test Mode: Mode 2. EUT with Set 2 antennas****Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	AV	5.149995G	53.95	54.00	-0.05	4.06	3	Horizontal	64	1.50	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

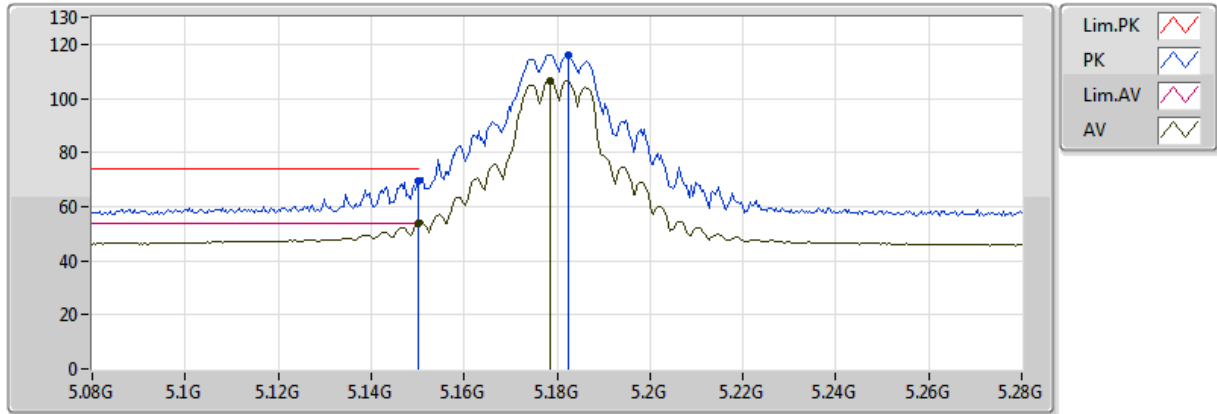


20171218
EUT Y_2TX
Setting 22
04-B-2-10
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.1492G	49.73	54.00	-4.27	4.06	3	Vertical	184	1.50					
AV	5.1808G	101.47	Inf	-Inf	4.15	3	Vertical	184	1.50					
PK	5.1496G	65.55	74.00	-8.45	4.06	3	Vertical	184	1.50					
PK	5.1812G	110.90	Inf	-Inf	4.15	3	Vertical	184	1.50					

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

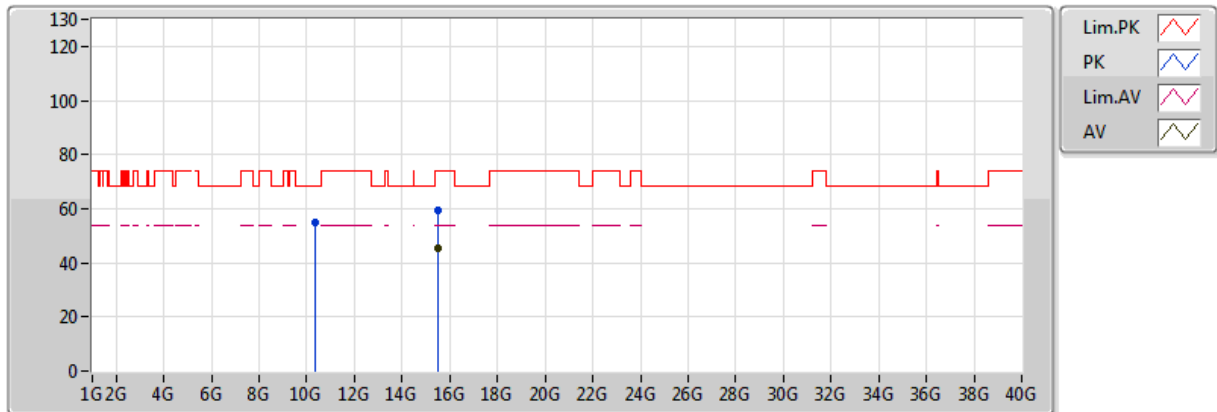


20171218
EUT Y_2TX
Setting 22
04-B-2-10
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.149995G	53.92	54.00	-0.08	4.06	3	Horizontal	74	2.99					
AV	5.1784G	106.64	Inf	-Inf	4.15	3	Horizontal	74	2.99					
PK	5.149995G	69.68	74.00	-4.32	4.06	3	Horizontal	74	2.99					
PK	5.1824G	116.23	Inf	-Inf	4.16	3	Horizontal	74	2.99					

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

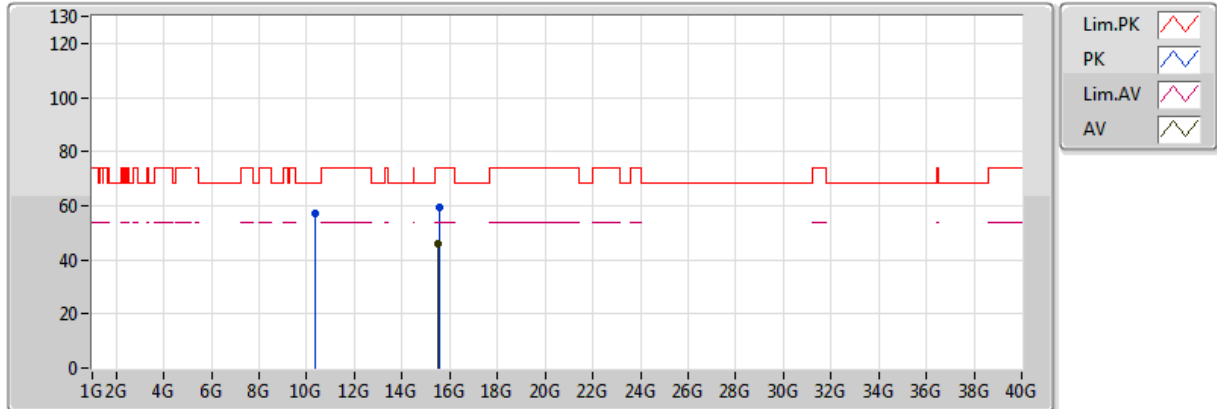


20171218
EUT Y_2TX
Setting 22
04-B-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	15.5304G	45.63	54.00	-8.37	15.23	3	Vertical	224	2.15					
PK	10.36608G	54.81	68.20	-13.39	12.47	3	Vertical	272	1.46					
PK	15.5362G	59.43	74.00	-14.57	15.23	3	Vertical	224	2.15					

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

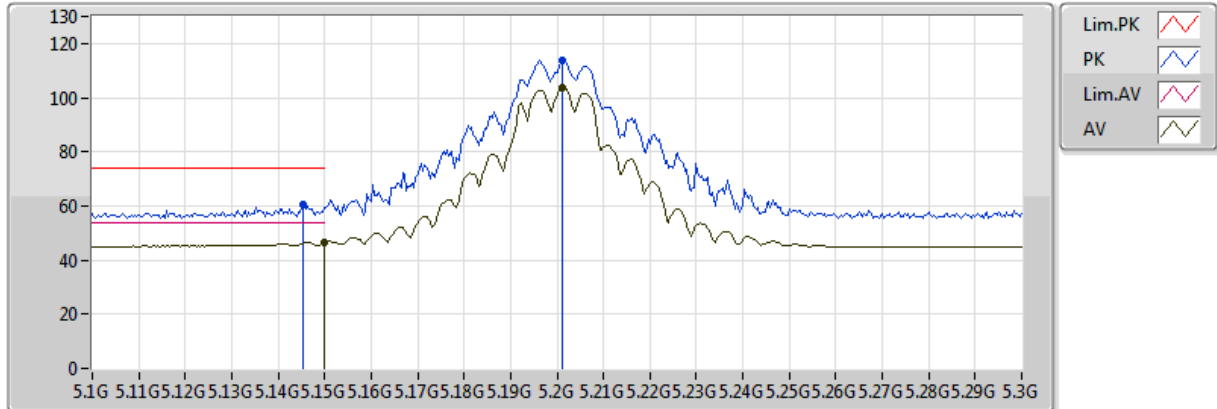


20171218
EUT Y_2TX
Setting 22
04-B-2
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	15.53084G	45.69	54.00	-8.31	15.23	3	Horizontal	63	1.50					
PK	10.36252G	56.89	68.20	-11.31	12.47	3	Horizontal	38	1.50					
PK	15.54192G	59.19	74.00	-14.81	15.22	3	Horizontal	63	1.50					

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

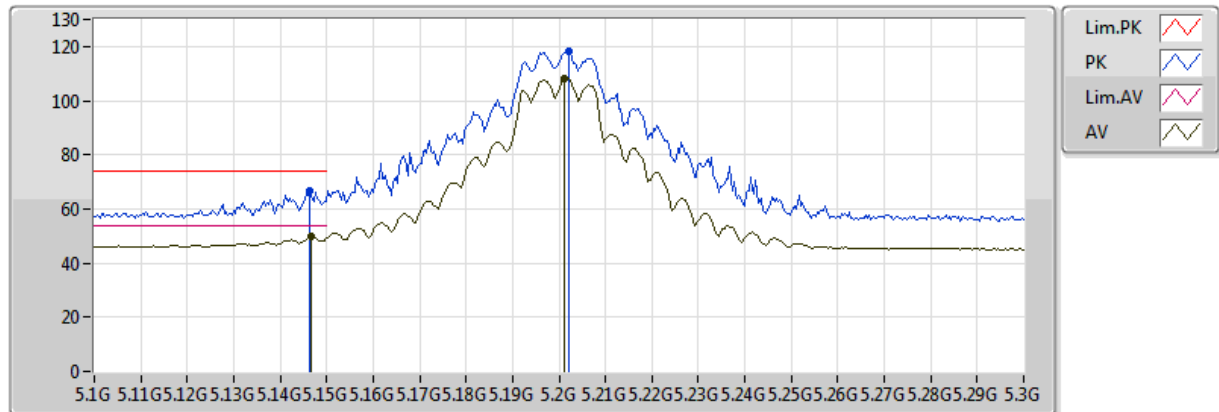


20171218
EUT Y_2TX
Setting 3A
04-B-2-10
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.149995G	46.53	54.00	-7.47	4.06	3	Vertical	186	1.50					
AV	5.2012G	103.89	Inf	-Inf	4.21	3	Vertical	186	1.50					
PK	5.1452G	60.74	74.00	-13.26	4.05	3	Vertical	186	1.50					
PK	5.2012G	113.89	Inf	-Inf	4.21	3	Vertical	186	1.50					

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

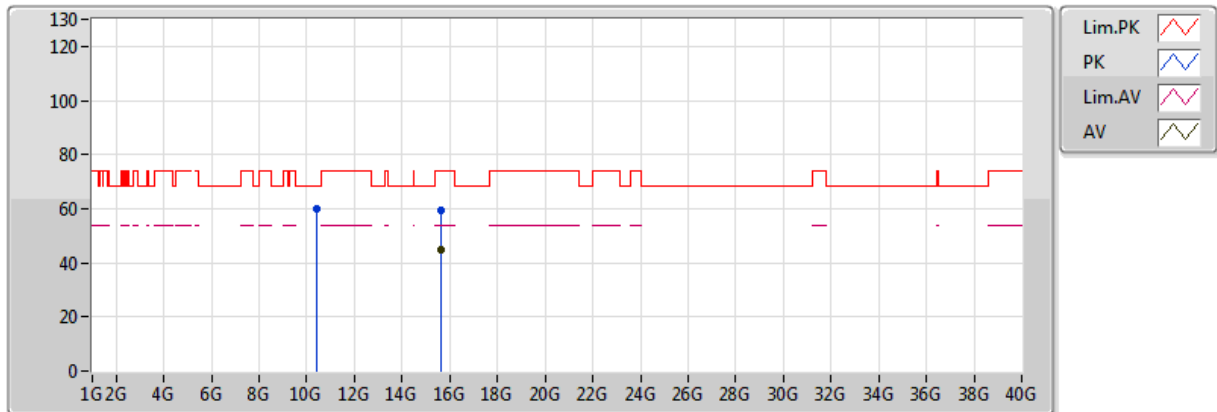


20171218
EUT_Y_2TX
Setting 3A
04-B-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	5.1468G	49.68	54.00	-4.32	4.05	3	Horizontal	70	1.50					
AV	5.2012G	108.20	Inf	-Inf	4.21	3	Horizontal	70	1.50					
PK	5.1464G	66.53	74.00	-7.47	4.05	3	Horizontal	70	1.50					
PK	5.202G	118.29	Inf	-Inf	4.21	3	Horizontal	70	1.50					

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

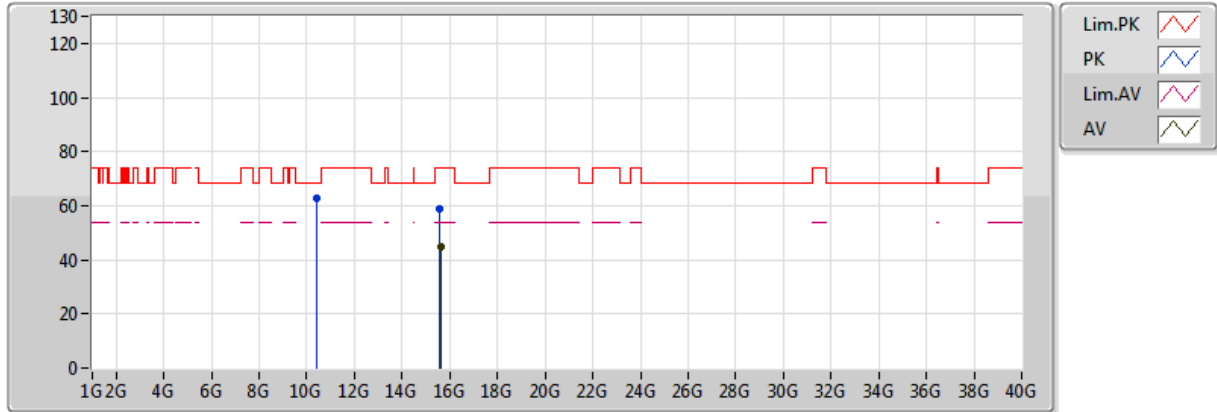


20171218
EUT Y_2TX
Setting 3A
04-B-2
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	15.60184G	45.10	54.00	-8.90	15.16	3	Vertical	134	1.93					
PK	10.40172G	59.84	68.20	-8.36	12.51	3	Vertical	328	2.29					
PK	15.60532G	59.12	74.00	-14.88	15.15	3	Vertical	134	1.93					

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

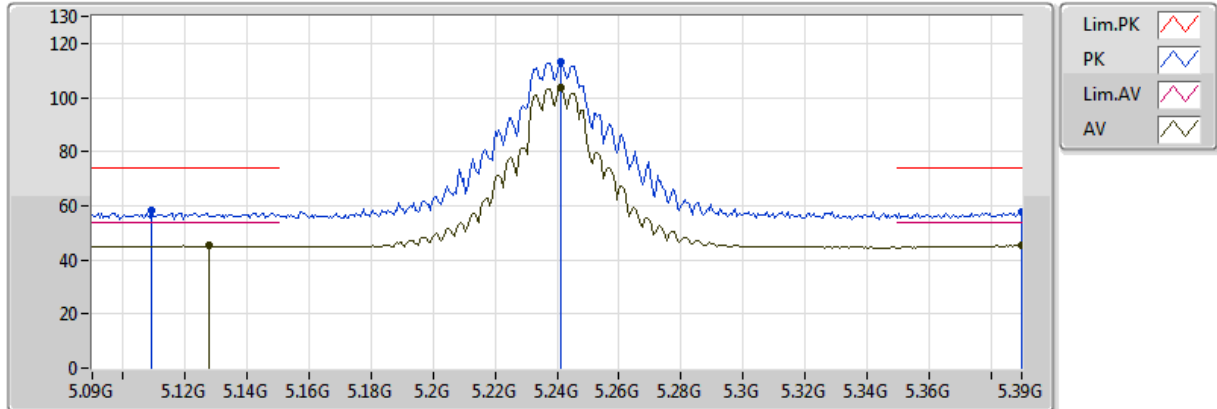


20171218
EUT Y_2TX
Setting 3A
04-B-2
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	15.602G	45.07	54.00	-8.93	15.16	3	Horizontal	26	1.36					
PK	10.39856G	62.67	68.20	-5.53	12.51	3	Horizontal	36	1.50					
PK	15.59372G	58.67	74.00	-15.33	15.16	3	Horizontal	26	1.36					

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

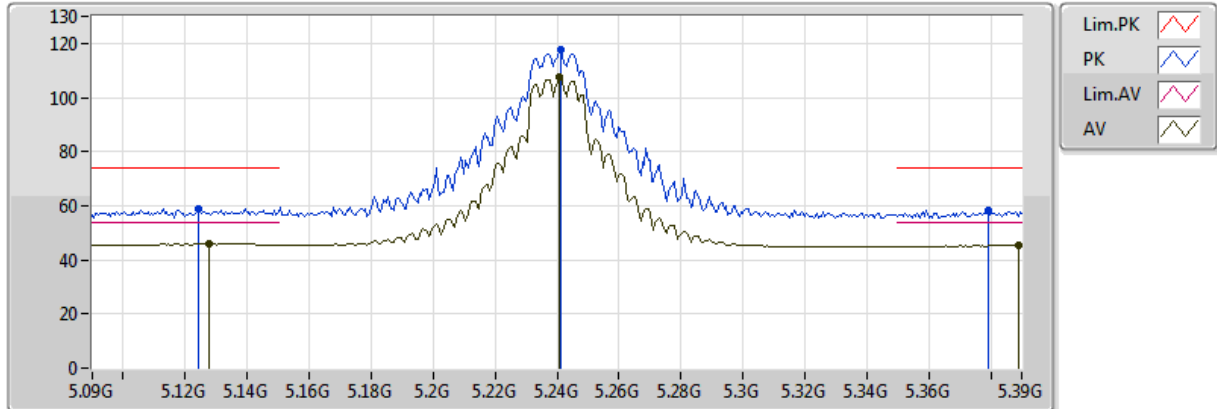


20171218
EUT Y_2TX
Setting 3A
04-B-2-10
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.1278G	45.23	54.00	-8.77	3.99	3	Vertical	180	1.50					
AV	5.2412G	103.56	Inf	-Inf	4.31	3	Vertical	180	1.50					
AV	5.39G	45.27	54.00	-8.73	4.65	3	Vertical	180	1.50					
PK	5.1092G	58.08	74.00	-15.92	3.94	3	Vertical	180	1.50					
PK	5.2412G	112.91	Inf	-Inf	4.31	3	Vertical	180	1.50					
PK	5.39G	57.45	74.00	-16.55	4.65	3	Vertical	180	1.50					

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

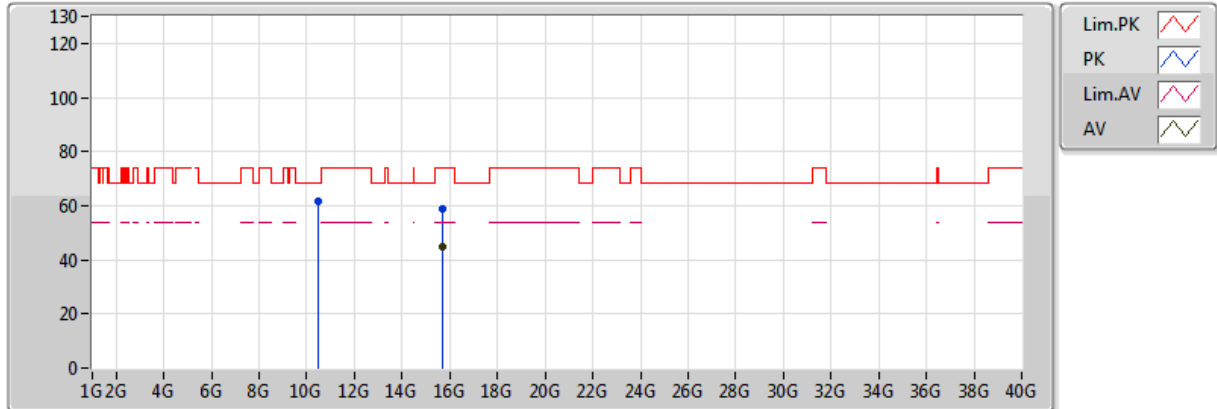


20171218
EUT Y_2TX
Setting 3A
04-B-2-10
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.1278G	46.08	54.00	-7.92	3.99	3	Horizontal	68	1.90					
AV	5.2406G	107.54	Inf	-Inf	4.31	3	Horizontal	68	1.90					
AV	5.3888G	45.48	54.00	-8.52	4.65	3	Horizontal	68	1.90					
PK	5.1242G	58.68	74.00	-15.32	3.98	3	Horizontal	68	1.90					
PK	5.2412G	117.84	Inf	-Inf	4.31	3	Horizontal	68	1.90					
PK	5.3792G	58.07	74.00	-15.93	4.63	3	Horizontal	68	1.90					

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

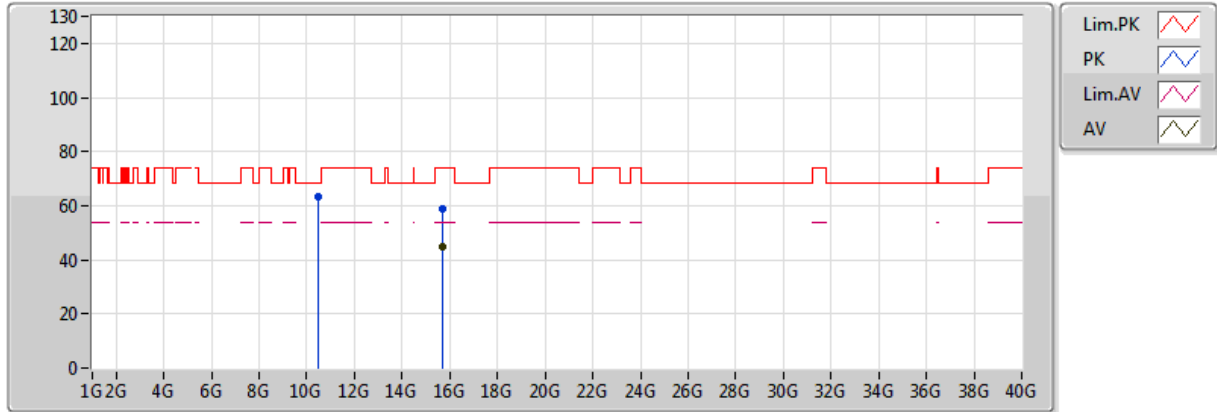


20171218
EUT Y_2TX
Setting 3A
04-B-2
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	15.7172G	44.80	54.00	-9.20	15.03	3	Vertical	146	2.82					
PK	10.47764G	61.58	68.20	-6.62	12.60	3	Vertical	0	2.31					
PK	15.71808G	58.62	74.00	-15.38	15.03	3	Vertical	146	2.82					

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

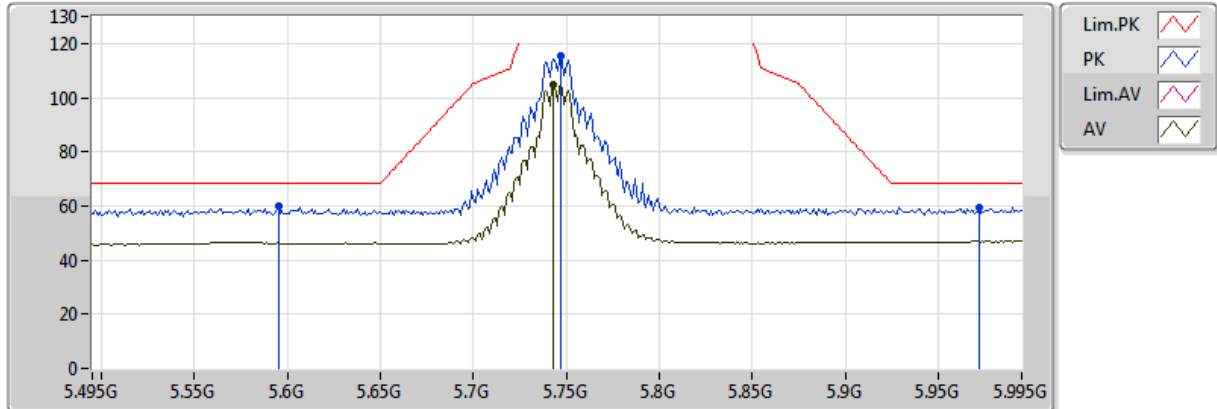


20171218
EUT Y_2TX
Setting 3A
04-B-2
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	15.7154G	44.59	54.00	-9.41	15.03	3	Horizontal	338	1.50					
PK	10.47916G	63.36	68.20	-4.84	12.60	3	Horizontal	40	1.50					
PK	15.72608G	58.82	74.00	-15.18	15.02	3	Horizontal	338	1.50					

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

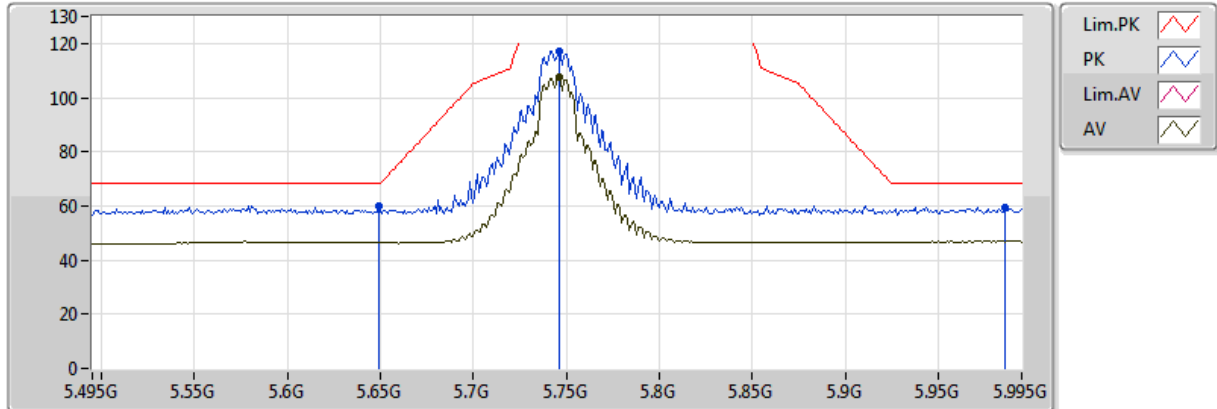


20171218
EUT Y_2TX
Setting 3A
04-B-2-10
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.743G	104.74	Inf	-Inf	5.65	3	Vertical	73	1.44					
PK	5.595G	59.93	68.20	-8.27	5.11	3	Vertical	73	1.44					
PK	5.747G	115.49	Inf	-Inf	5.66	3	Vertical	73	1.44					
PK	5.972G	59.59	68.20	-8.61	6.49	3	Vertical	73	1.44					

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

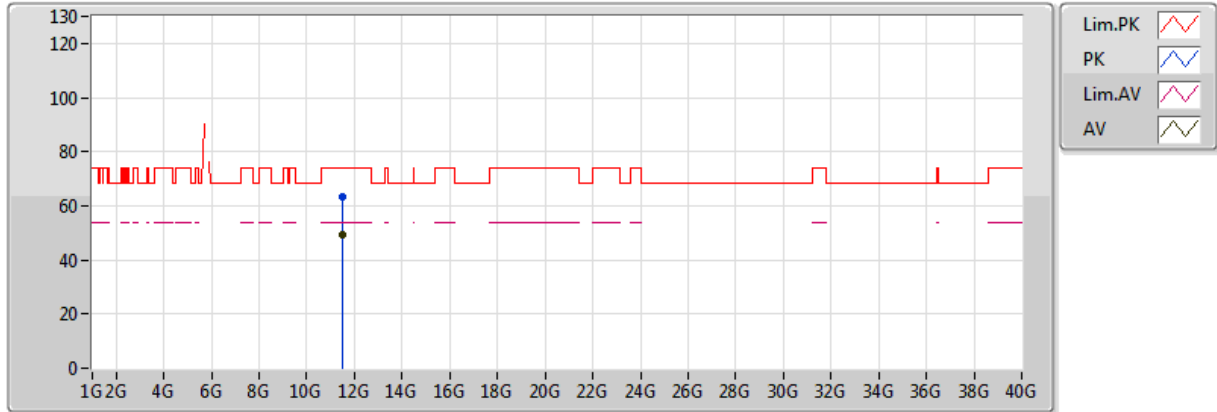


20171218
EUT Y_2TX
Setting 3A
04-B-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	5.746G	107.85	Inf	-Inf	5.66	3	Horizontal	62	1.50					
PK	5.649G	60.05	68.20	-8.15	5.30	3	Horizontal	62	1.50					
PK	5.746G	117.33	Inf	-Inf	5.66	3	Horizontal	62	1.50					
PK	5.986G	59.58	68.20	-8.62	6.54	3	Horizontal	62	1.50					

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

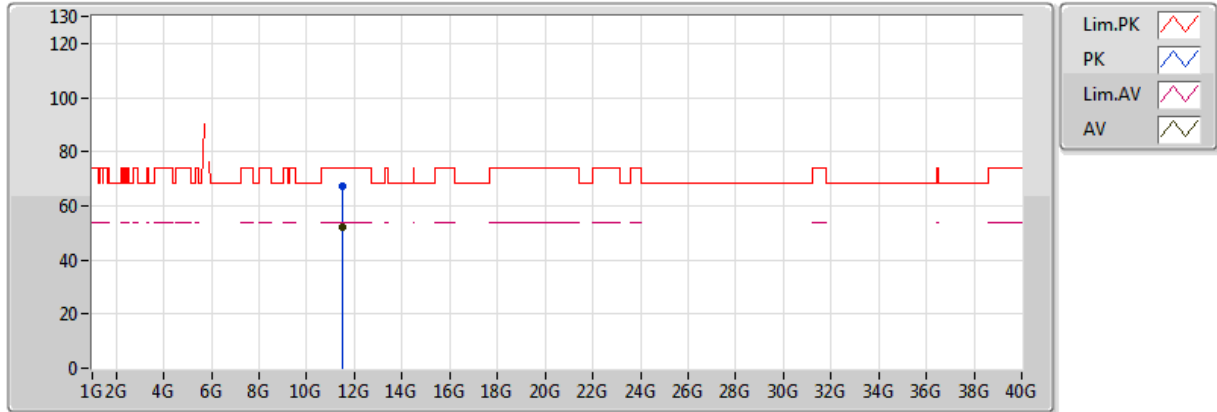


20171218
EUT Y_2TX
Setting 3A
04-B-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	11.48804G	49.28	54.00	-4.72	13.32	3	Vertical	246	1.76					
PK	11.49236G	63.53	74.00	-10.47	13.32	3	Vertical	250	1.55					

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

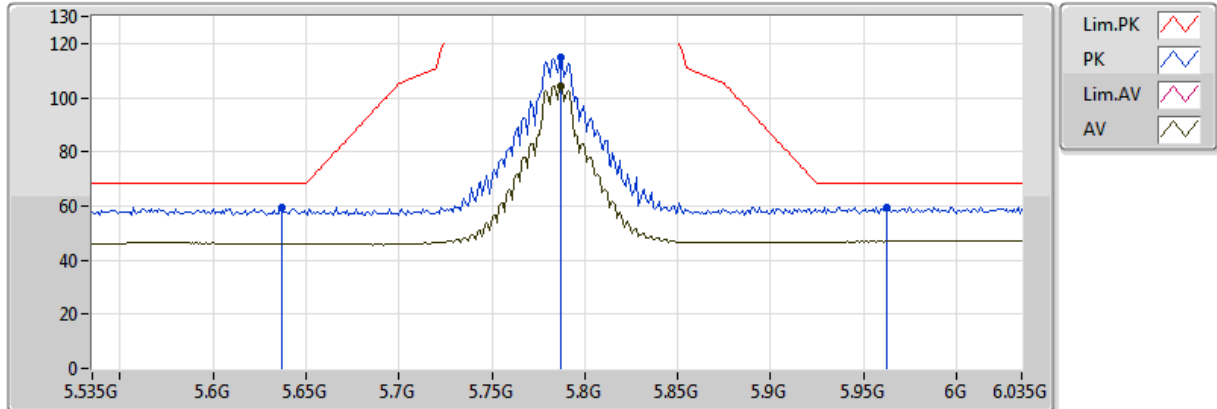


20171218
EUT Y_2TX
Setting 3A
04-B-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	11.4898G	52.39	54.00	-1.61	13.32	3	Horizontal	141	1.43					
PK	11.48968G	67.18	74.00	-6.82	13.32	3	Horizontal	141	1.43					

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

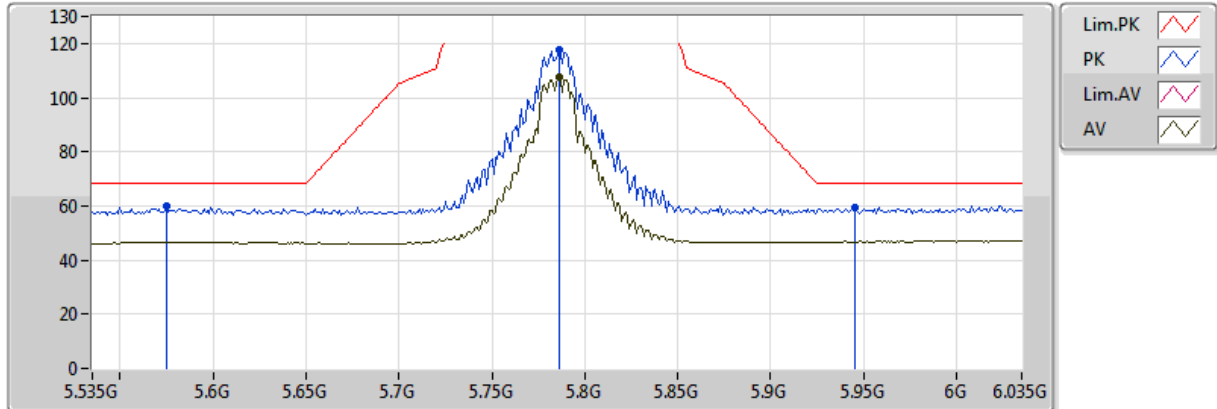


20171218
EUT Y_2TX
Setting 3A
04-B-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	5.787G	104.48	Inf	-Inf	5.81	3	Vertical	73	1.44					
PK	5.637G	59.41	68.20	-8.79	5.26	3	Vertical	73	1.44					
PK	5.787G	114.75	Inf	-Inf	5.81	3	Vertical	73	1.44					
PK	5.962G	59.62	68.20	-8.58	6.45	3	Vertical	73	1.44					

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

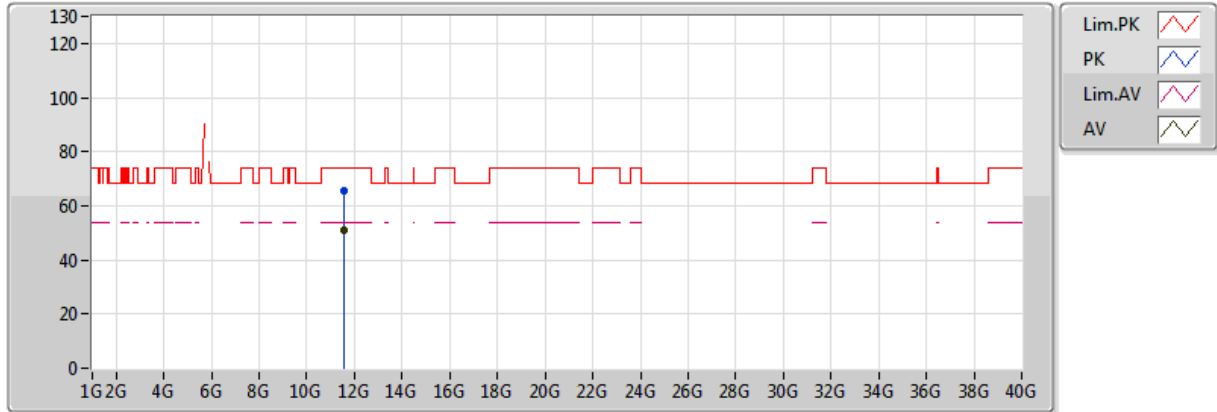


20171218
EUT Y_2TX
Setting 3A
04-B-2-10
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.786G	107.68	Inf	-Inf	5.81	3	Horizontal	62	1.49					
PK	5.575G	60.08	68.20	-8.12	5.05	3	Horizontal	62	1.49					
PK	5.786G	117.68	Inf	-Inf	5.81	3	Horizontal	62	1.49					
PK	5.945G	59.26	68.20	-8.94	6.39	3	Horizontal	62	1.49					

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

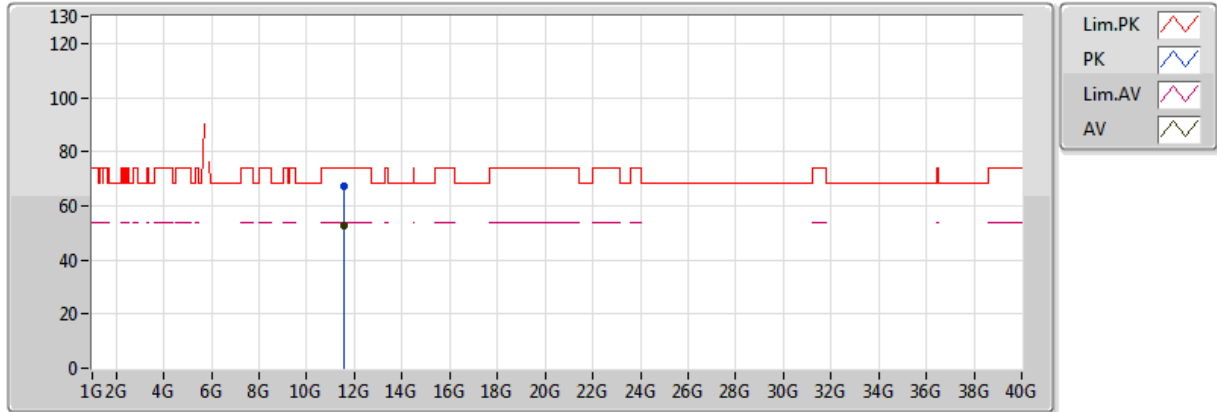


20171218
EUT Y_2TX
Setting 3A
04-B-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	11.5722G	50.82	54.00	-3.18	13.33	3	Vertical	16	2.59					
PK	11.57244G	65.49	74.00	-8.51	13.33	3	Vertical	16	2.59					

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

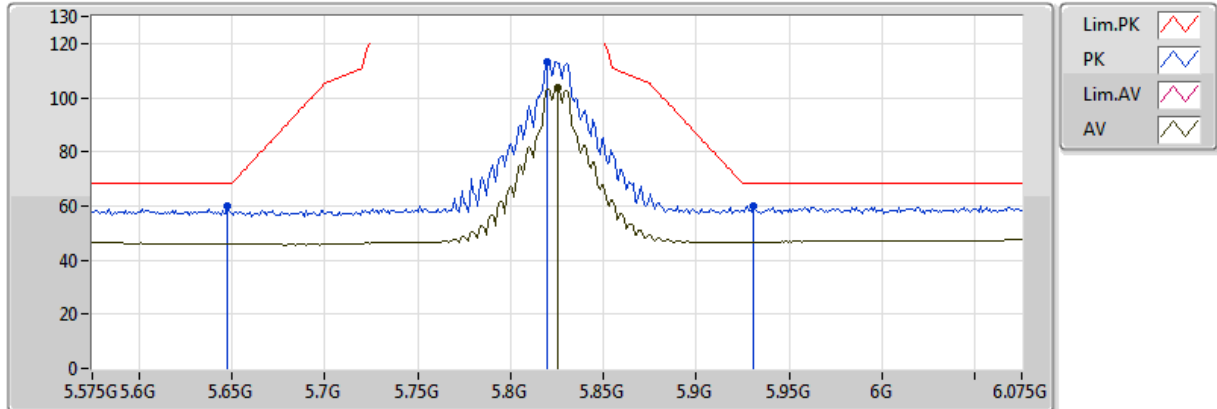


20171218
EUT Y_2TX
Setting 3A
04-B-2
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	11.57068G	52.95	54.00	-1.05	13.33	3	Horizontal	128	2.74					
PK	11.57112G	67.37	74.00	-6.63	13.33	3	Horizontal	128	2.74					

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

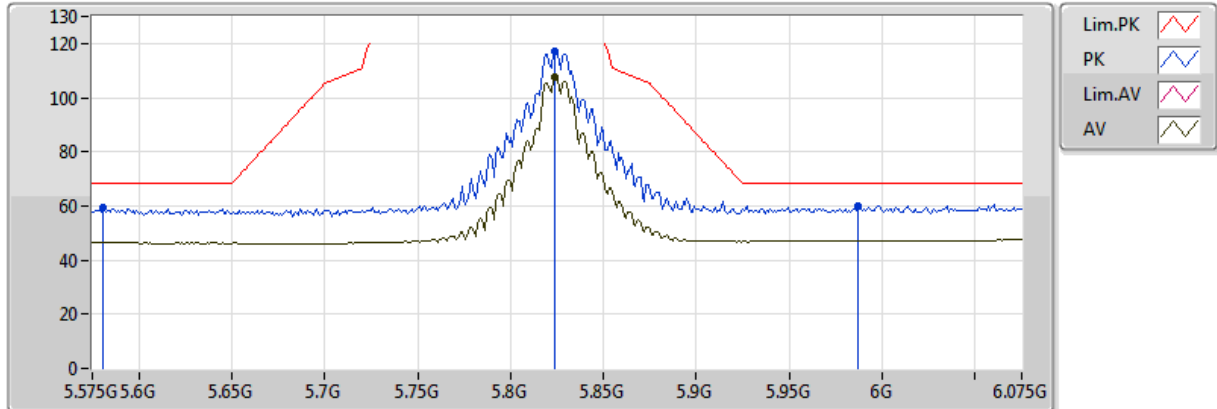


20171218
EUT Y_2TX
Setting 29
04-B-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	5.825G	103.68	Inf	-Inf	5.95	3	Vertical	72	1.50					
PK	5.648G	59.80	68.20	-8.40	5.30	3	Vertical	72	1.50					
PK	5.82G	113.13	Inf	-Inf	5.93	3	Vertical	72	1.50					
PK	5.931G	59.81	68.20	-8.39	6.34	3	Vertical	72	1.50					

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

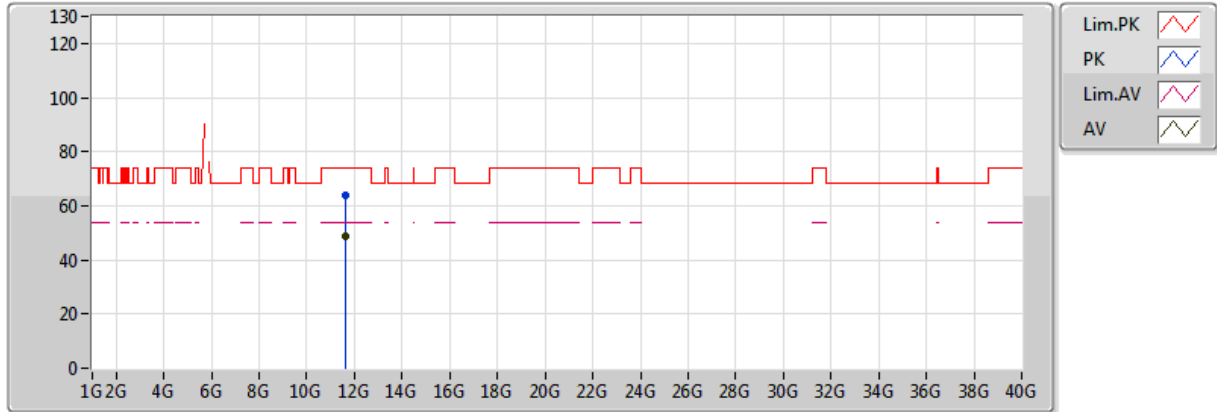


20171218
EUT_Y_2TX
Setting 29
04-B-2-10
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.824G	107.63	Inf	-Inf	5.95	3	Horizontal	66	1.70					
PK	5.581G	59.62	68.20	-8.58	5.06	3	Horizontal	66	1.70					
PK	5.824G	117.34	Inf	-Inf	5.95	3	Horizontal	66	1.70					
PK	5.987G	60.23	68.20	-7.97	6.54	3	Horizontal	66	1.70					

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

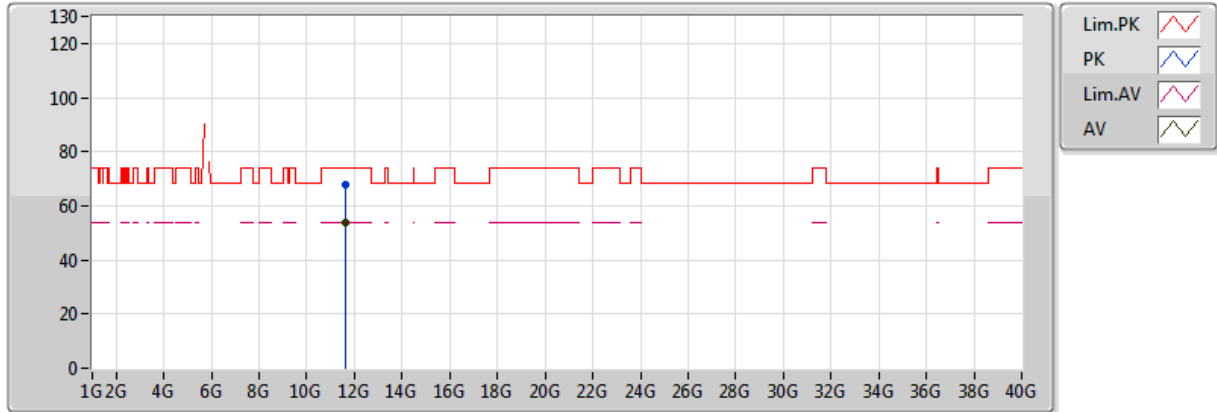


20171218
EUT Y_2TX
Setting 29
04-B-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	11.65152G	48.69	54.00	-5.31	13.35	3	Vertical	223	1.50					
PK	11.65128G	63.64	74.00	-10.36	13.35	3	Vertical	223	1.50					

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

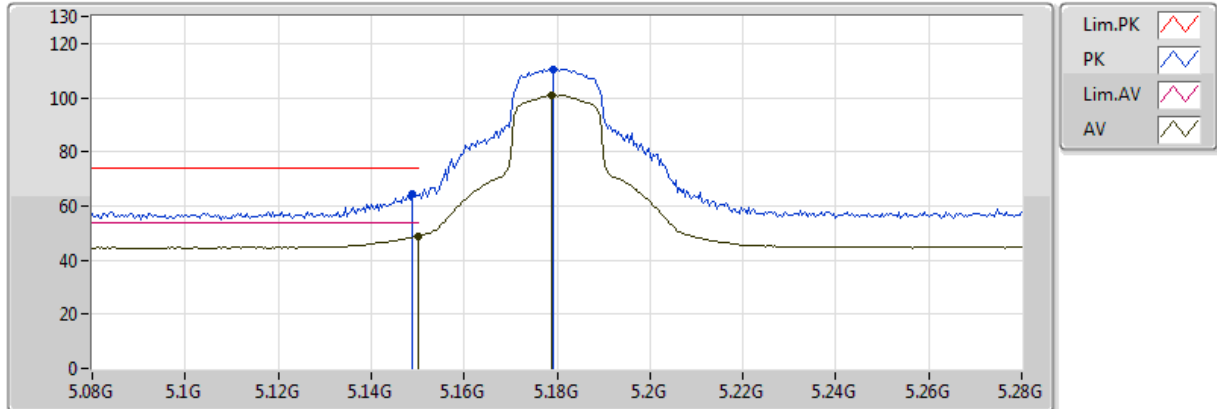


20171218
EUT Y_2TX
Setting 29
04-B-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	11.6508G	53.69	54.00	-0.31	13.35	3	Horizontal	127	1.50					
PK	11.65076G	67.74	74.00	-6.26	13.35	3	Horizontal	127	1.50					

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

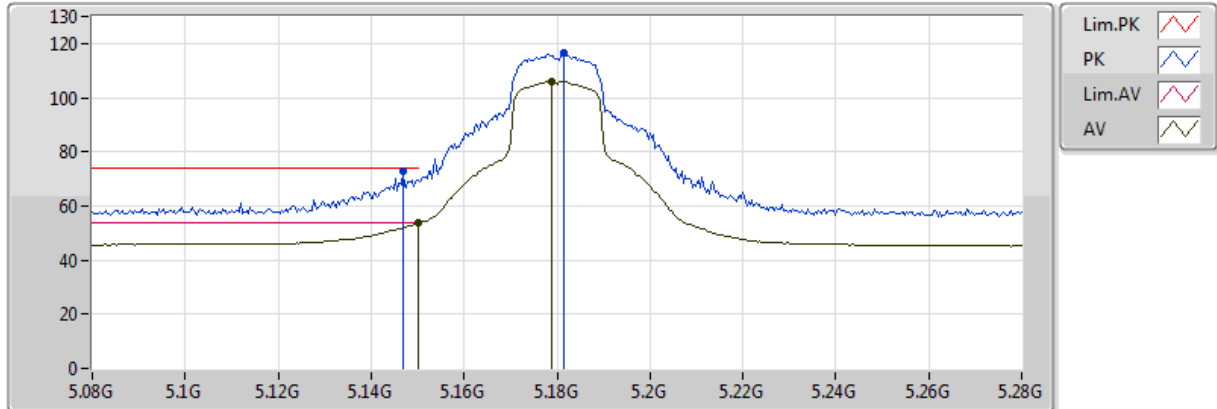


20171218
EUT Y_2TX
Setting 24
04-B-2-10
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.149995G	48.97	54.00	-5.03	4.83	3	Vertical	299	1.90					
AV	5.1788G	101.00	Inf	-Inf	4.86	3	Vertical	299	1.90					
PK	5.1488G	64.29	74.00	-9.71	4.83	3	Vertical	299	1.90					
PK	5.1792G	110.57	Inf	-Inf	4.87	3	Vertical	299	1.90					

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

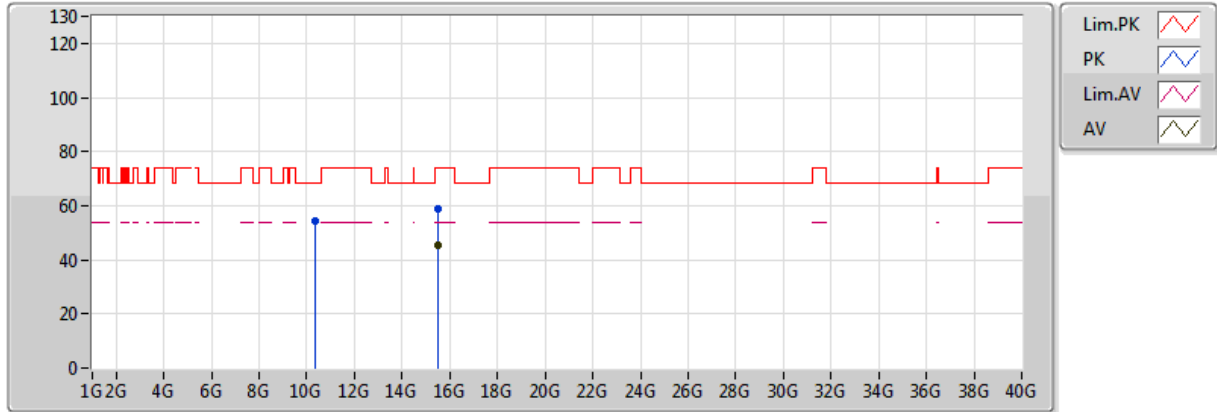


20171218
EUT Y_2TX
Setting 24
04-B-2-10
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.149995G	53.66	54.00	-0.34	4.83	3	Horizontal	344	2.48					
AV	5.1788G	106.17	Inf	-Inf	4.86	3	Horizontal	344	2.48					
PK	5.1468G	72.72	74.00	-1.28	4.83	3	Horizontal	344	2.48					
PK	5.1816G	116.49	Inf	-Inf	4.87	3	Horizontal	344	2.48					

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

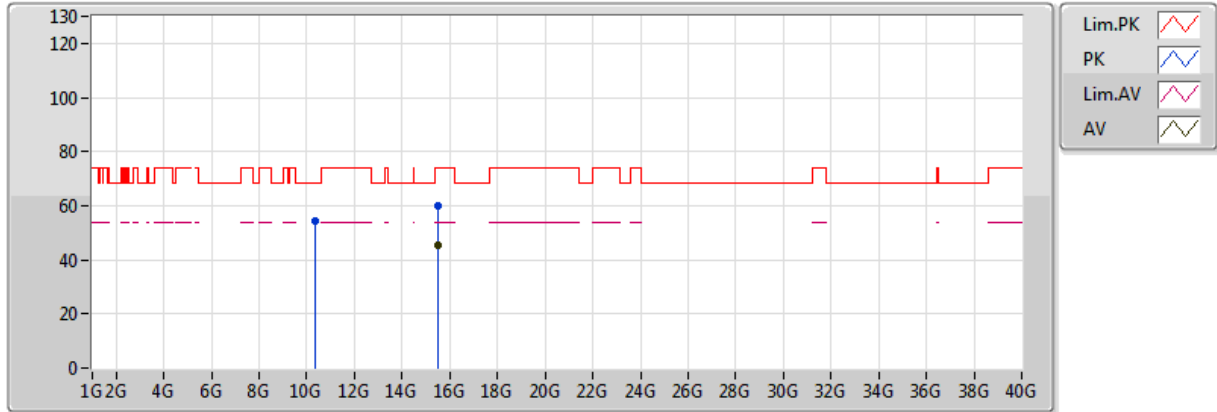


20171218
EUT Y_2TX
Setting 24
04-B-2
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	15.525G	45.11	54.00	-8.89	15.24	3	Vertical	360	1.85					
PK	10.36438G	54.27	68.20	-13.93	12.47	3	Vertical	9	2.02					
PK	15.52986G	59.06	74.00	-14.94	15.23	3	Vertical	360	1.85					

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

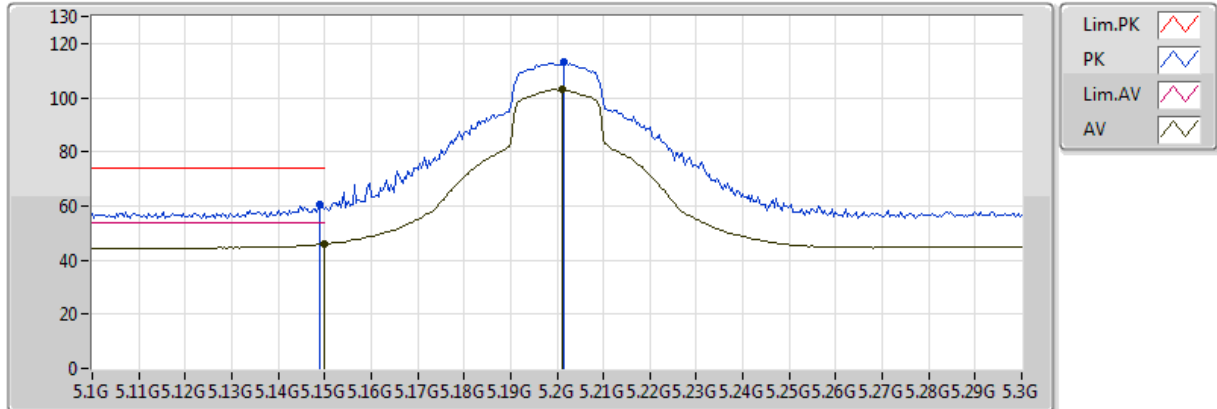


20171218
EUT_Y_2TX
Setting 24
04-B-2
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	15.52626G	45.21	54.00	-8.79	15.24	3	Horizontal	313	2.01					
PK	10.3546G	54.42	68.20	-13.78	12.46	3	Horizontal	139	1.50					
PK	15.5277G	59.68	74.00	-14.32	15.24	3	Horizontal	313	2.01					

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

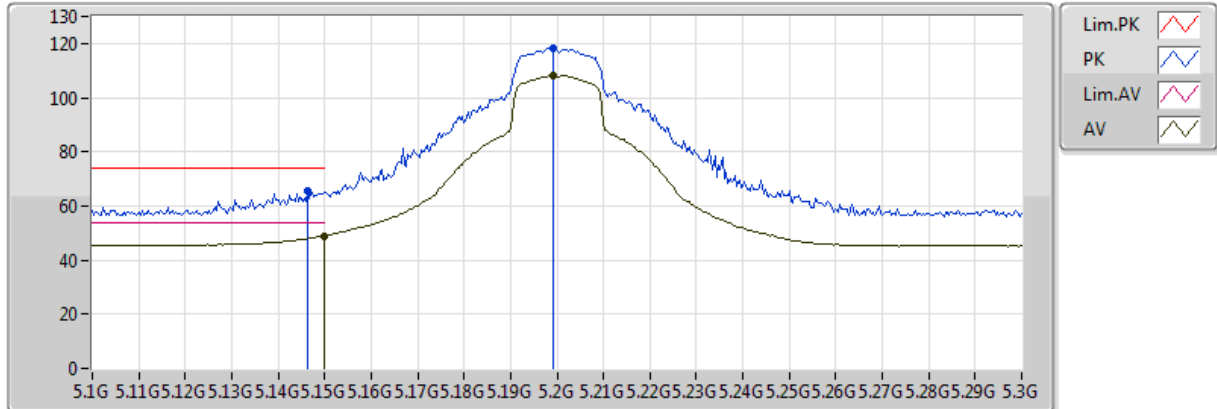


20171218
EUT_Y_2TX
Setting 3A
04-B-2-10
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.149995G	45.99	54.00	-8.01	4.83	3	Vertical	270	1.55					
AV	5.2012G	103.01	Inf	-Inf	4.90	3	Vertical	270	1.55					
PK	5.1488G	60.59	74.00	-13.41	4.83	3	Vertical	270	1.55					
PK	5.2016G	113.13	Inf	-Inf	4.90	3	Vertical	270	1.55					

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

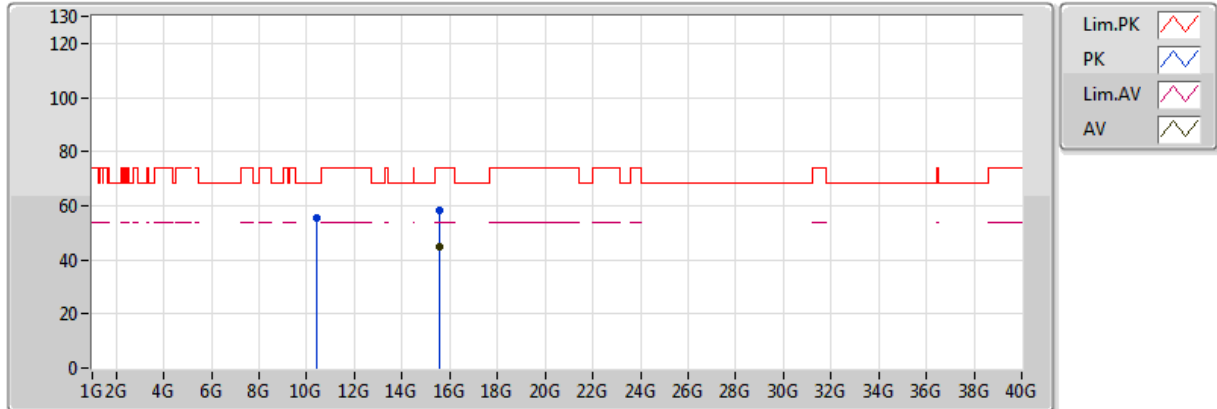


20171218
EUT_Y_2TX
Setting 3A
04-B-2-10
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.149995G	48.96	54.00	-5.04	4.83	3	Horizontal	3	1.65					
AV	5.1992G	108.27	Inf	-Inf	4.89	3	Horizontal	3	1.65					
PK	5.1464G	65.42	74.00	-8.58	4.83	3	Horizontal	3	1.65					
PK	5.1992G	118.36	Inf	-Inf	4.89	3	Horizontal	3	1.65					

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

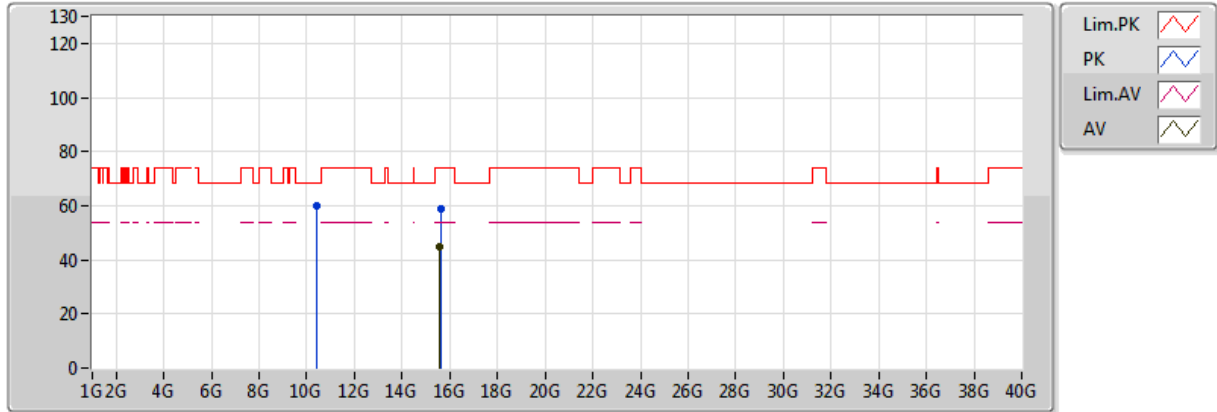


20171218
EUT Y_2TX
Setting 3A
04-B-2
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	15.59928G	44.86	54.00	-9.14	15.16	3	Vertical	344	1.83					
PK	10.39958G	55.48	68.20	-12.72	12.51	3	Vertical	256	1.58					
PK	15.58908G	58.49	74.00	-15.51	15.17	3	Vertical	344	1.83					

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

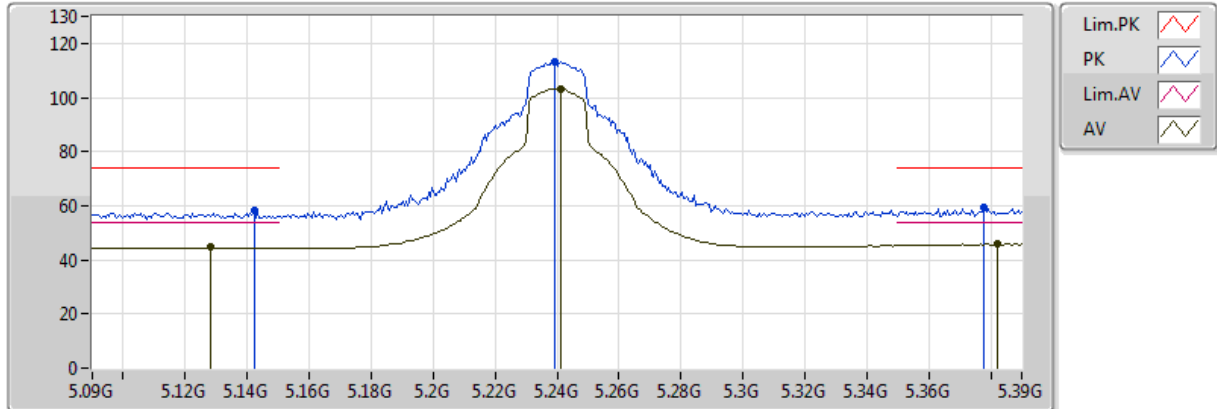


20171218
EUT Y_2TX
Setting 3A
04-B-2
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	15.59052G	44.88	54.00	-9.12	15.17	3	Horizontal	279	2.33					
PK	10.39712G	59.75	68.20	-8.45	12.51	3	Horizontal	139	1.50					
PK	15.61236G	58.90	74.00	-15.10	15.14	3	Horizontal	279	2.33					

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

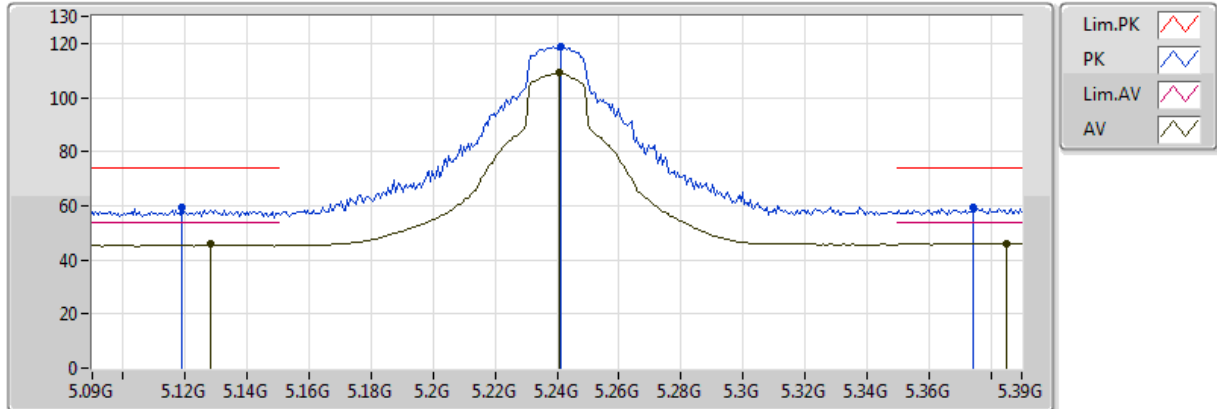


20171218
EUT Y_2TX
Setting 3A
04-B-2-10
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.1284G	44.61	54.00	-9.39	4.80	3	Vertical	298	1.96					
AV	5.2412G	103.29	Inf	-Inf	5.07	3	Vertical	298	1.96					
AV	5.3822G	45.83	54.00	-8.17	5.64	3	Vertical	298	1.96					
PK	5.1422G	58.19	74.00	-15.81	4.82	3	Vertical	298	1.96					
PK	5.2394G	113.21	Inf	-Inf	5.06	3	Vertical	298	1.96					
PK	5.378G	59.41	74.00	-14.59	5.63	3	Vertical	298	1.96					

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

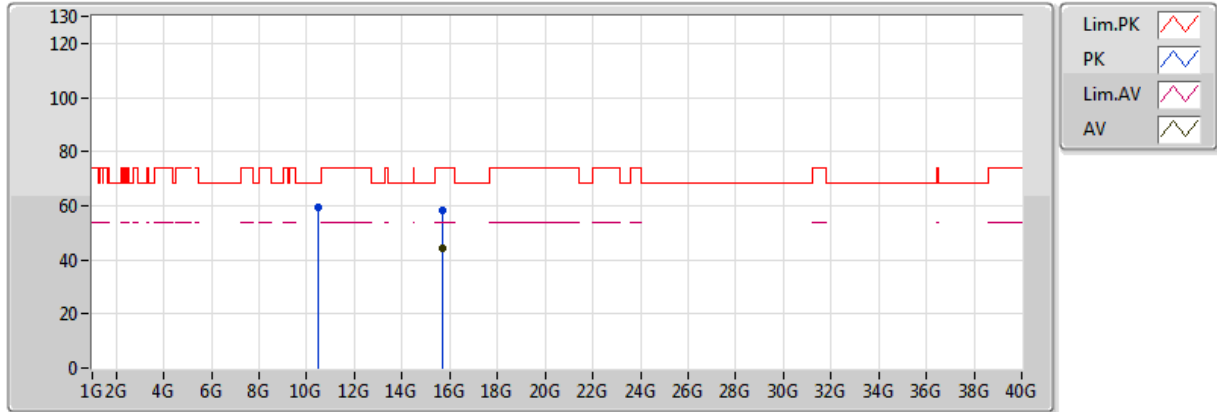


20171218
EUT Y_2TX
Setting 3A
04-B-2-10
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.1284G	46.10	54.00	-7.90	4.80	3	Horizontal	348	2.49					
AV	5.2406G	109.02	Inf	-Inf	5.07	3	Horizontal	348	2.49					
AV	5.3852G	46.19	54.00	-7.81	5.65	3	Horizontal	348	2.49					
PK	5.1188G	59.16	74.00	-14.84	4.79	3	Horizontal	348	2.49					
PK	5.2412G	118.99	Inf	-Inf	5.07	3	Horizontal	348	2.49					
PK	5.3744G	59.18	74.00	-14.82	5.61	3	Horizontal	348	2.49					

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

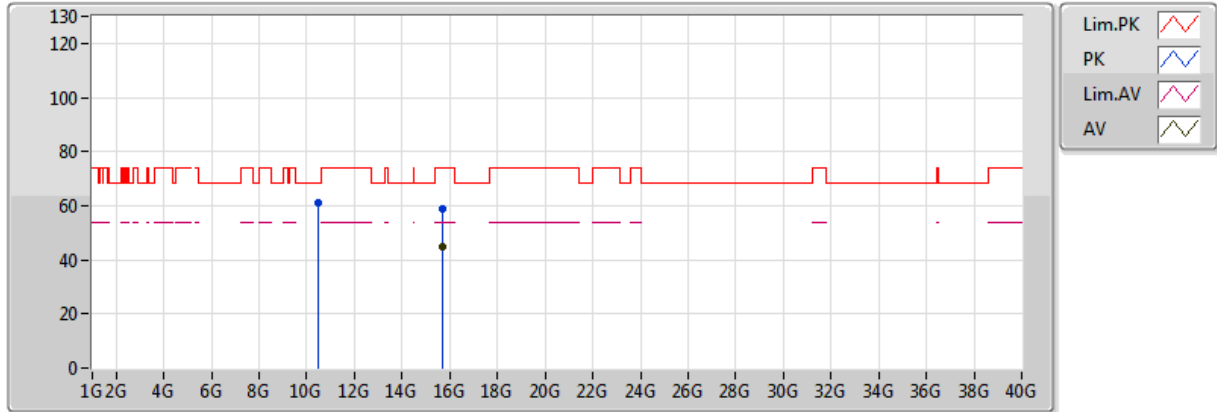


20171218
EUT Y_2TX
Setting 3A
04-B-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	15.71352G	44.47	54.00	-9.53	15.04	3	Vertical	133	1.42					
PK	10.4782G	59.39	68.20	-8.81	12.60	3	Vertical	13	2.05					
PK	15.71436G	58.22	74.00	-15.78	15.04	3	Vertical	133	1.42					

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

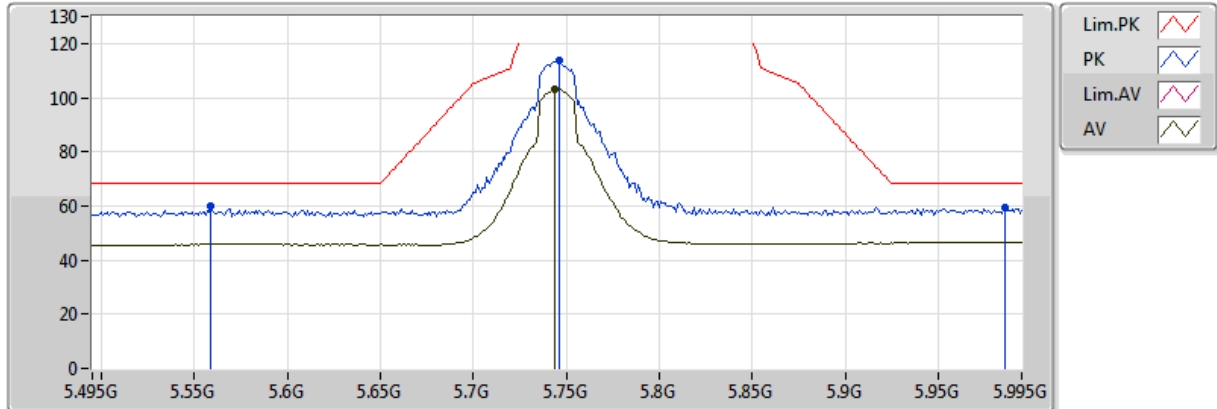


20171218
EUT Y_2TX
Setting 3A
04-B-2
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	15.71706G	44.57	54.00	-9.43	15.03	3	Horizontal	117	2.73					
PK	10.4833G	61.21	68.20	-6.99	12.61	3	Horizontal	42	1.40					
PK	15.70884G	58.62	74.00	-15.38	15.04	3	Horizontal	117	2.73					

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

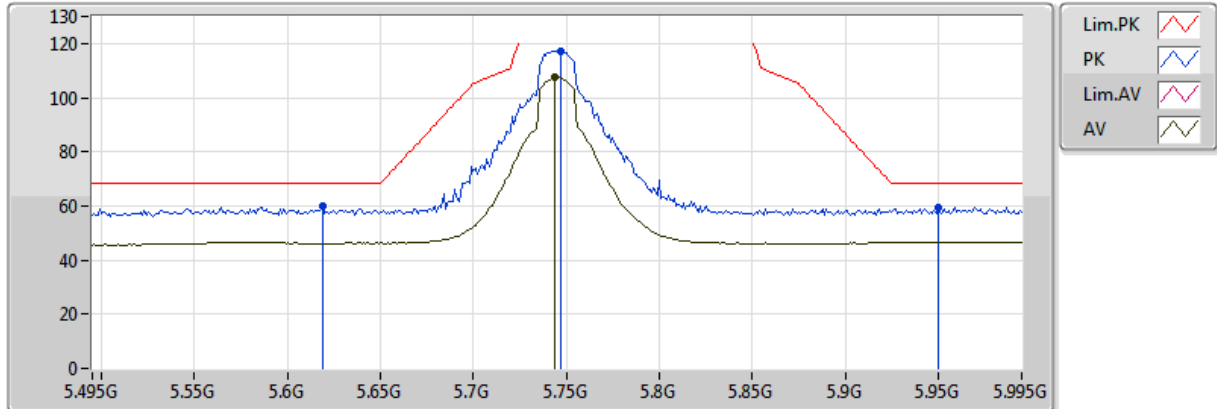


20171218
EUT Y_2TX
Setting 3A
04-B-2-10
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.744G	103.34	Inf	-Inf	5.65	3	Vertical	56	1.65					
PK	5.559G	59.75	68.20	-8.45	5.00	3	Vertical	56	1.65					
PK	5.746G	113.52	Inf	-Inf	5.66	3	Vertical	56	1.65					
PK	5.986G	59.18	68.20	-9.02	6.54	3	Vertical	56	1.65					

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

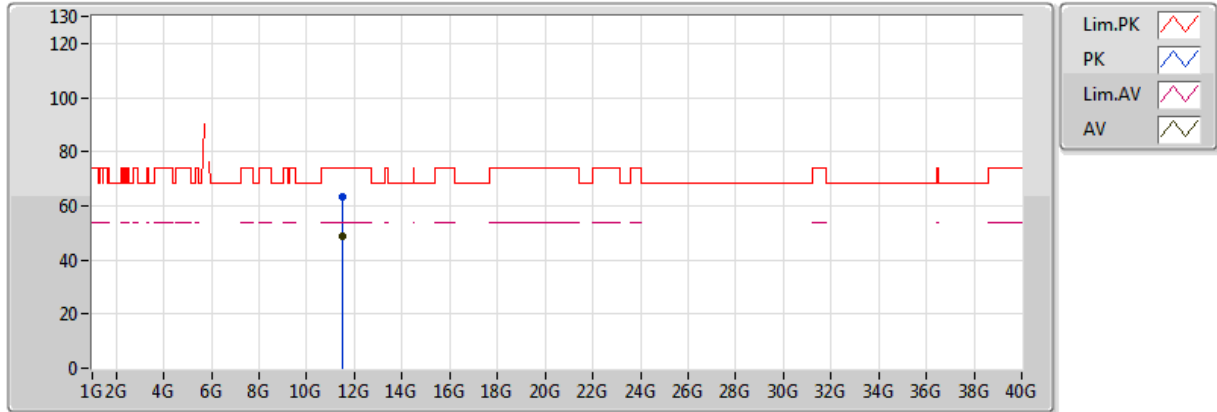


20171218
EUT Y_2TX
Setting 3A
04-B-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	5.744G	107.65	Inf	-Inf	5.65	3	Horizontal	149	1.50					
PK	5.619G	59.86	68.20	-8.34	5.19	3	Horizontal	149	1.50					
PK	5.747G	117.28	Inf	-Inf	5.66	3	Horizontal	149	1.50					
PK	5.95G	59.30	68.20	-8.90	6.41	3	Horizontal	149	1.50					

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

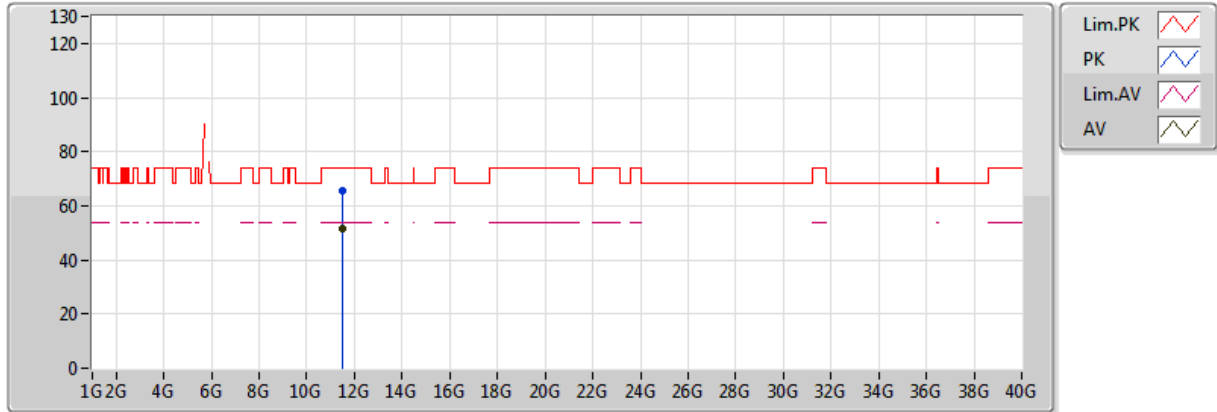


20171218
EUT Y_2TX
Setting 3A
04-B-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	11.48706G	48.52	54.00	-5.48	13.32	3	Vertical	251	2.52					
PK	11.49162G	63.07	74.00	-10.93	13.32	3	Vertical	251	2.52					

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

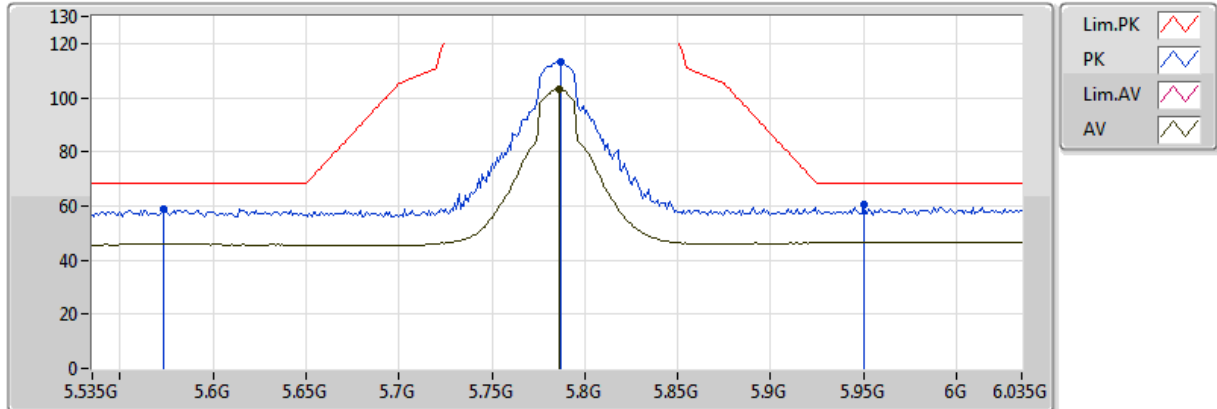


20171218
EUT Y_2TX
Setting 3A
04-B-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	11.49G	51.31	54.00	-2.69	13.32	3	Horizontal	140	1.50					
PK	11.48496G	65.41	74.00	-8.59	13.32	3	Horizontal	140	1.50					

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

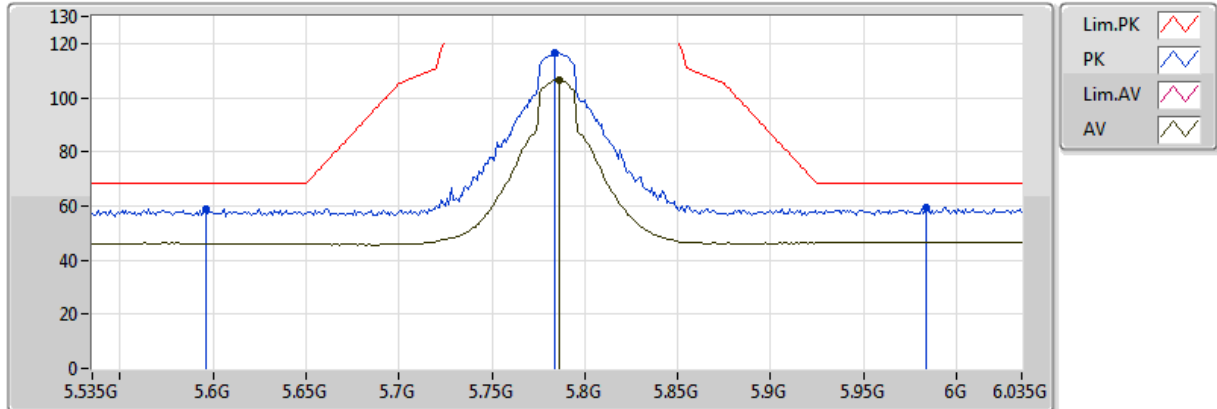


20171218
EUT Y_2TX
Setting 3A
04-B-2-10
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.786G	103.23	Inf	-Inf	5.81	3	Vertical	57	1.66					
PK	5.573G	58.64	68.20	-9.56	5.04	3	Vertical	57	1.66					
PK	5.787G	113.43	Inf	-Inf	5.81	3	Vertical	57	1.66					
PK	5.95G	60.32	68.20	-7.88	6.41	3	Vertical	57	1.66					

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

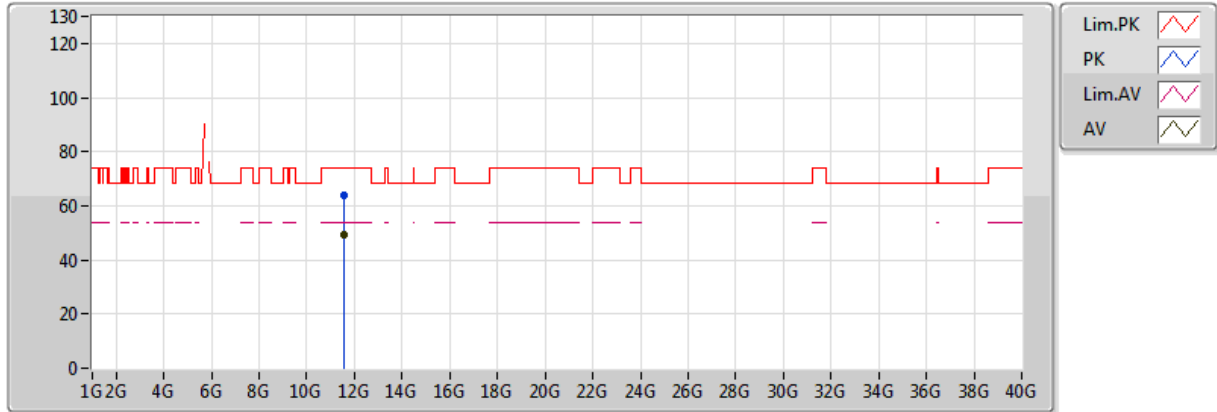


20171218
EUT_Y_2TX
Setting 3A
04-B-2-10
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.786G	106.57	Inf	-Inf	5.81	3	Horizontal	150	1.50					
PK	5.596G	59.07	68.20	-9.13	5.11	3	Horizontal	150	1.50					
PK	5.784G	116.64	Inf	-Inf	5.80	3	Horizontal	150	1.50					
PK	5.984G	59.46	68.20	-8.74	6.53	3	Horizontal	150	1.50					

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

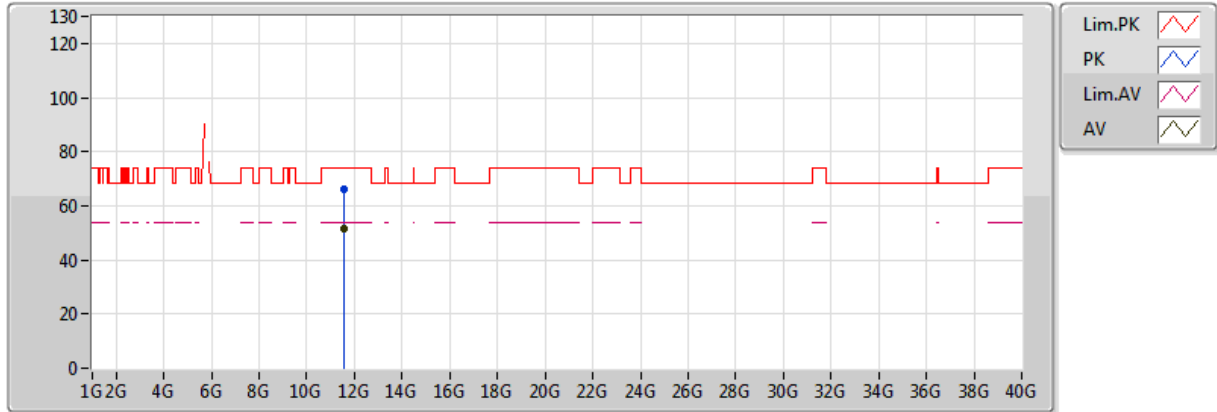


20171218
EUT Y_2TX
Setting 3A
04-B-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	11.56932G	49.58	54.00	-4.42	13.33	3	Vertical	107	2.57					
PK	11.57448G	63.98	74.00	-10.02	13.33	3	Vertical	107	2.57					

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

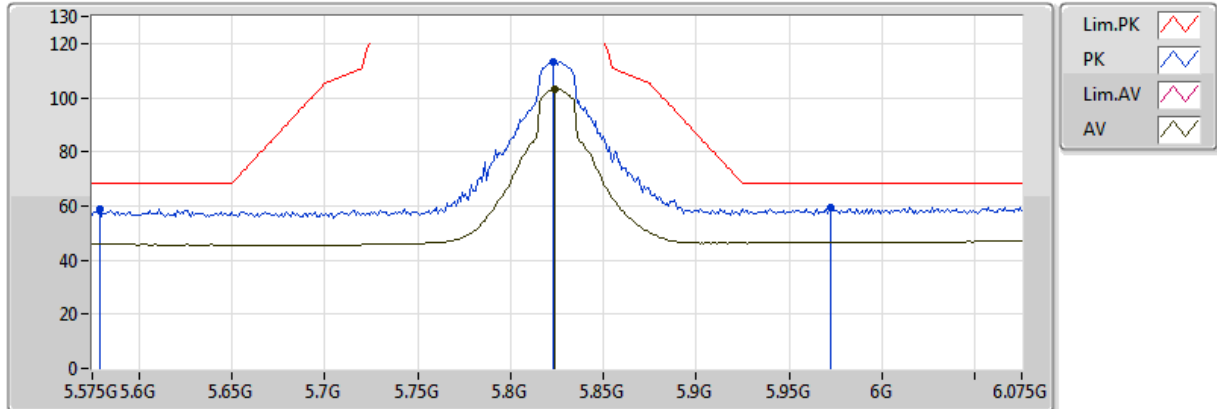


20171218
EUT Y_2TX
Setting 3A
04-B-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	11.57138G	51.66	54.00	-2.34	13.33	3	Horizontal	131	2.78					
PK	11.5712G	65.98	74.00	-8.02	13.33	3	Horizontal	131	2.78					

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

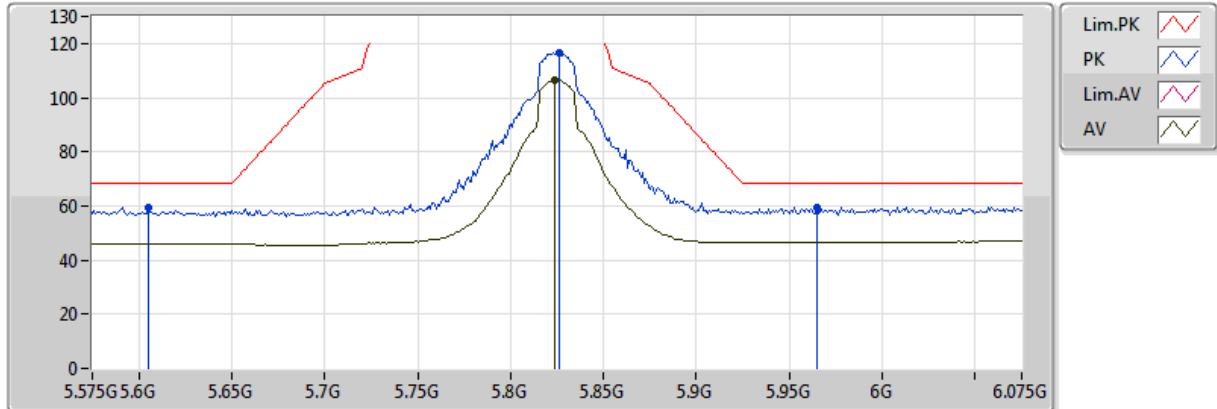


20171218
EUT Y_2TX
Setting 3A
04-B-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	5.824G	103.32	Inf	-Inf	5.95	3	Vertical	56	1.60					
PK	5.579G	59.05	68.20	-9.15	5.06	3	Vertical	56	1.60					
PK	5.823G	113.14	Inf	-Inf	5.95	3	Vertical	56	1.60					
PK	5.972G	59.29	68.20	-8.91	6.49	3	Vertical	56	1.60					

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

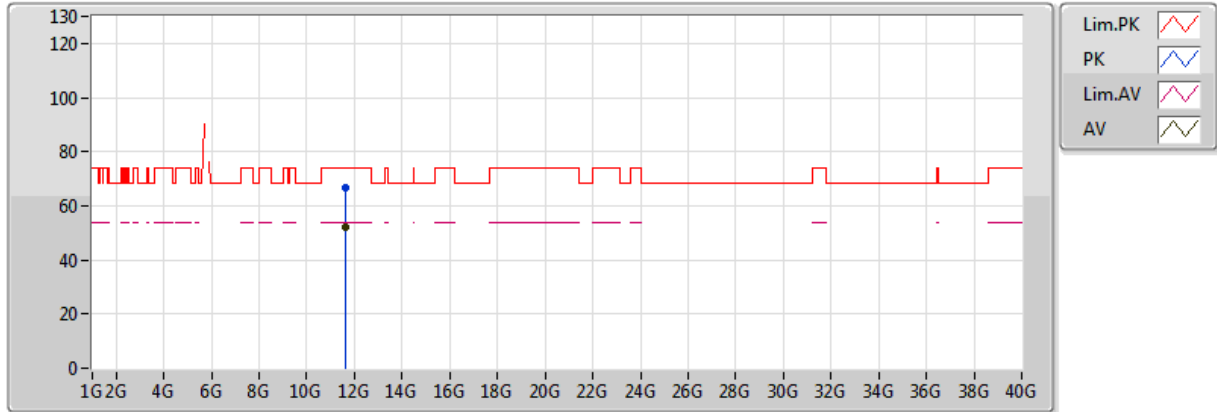


20171218
EUT Y_2TX
Setting 3A
04-B-2-10
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.824G	106.61	Inf	-Inf	5.95	3	Horizontal	146	1.50					
PK	5.605G	59.35	68.20	-8.85	5.14	3	Horizontal	146	1.50					
PK	5.826G	116.71	Inf	-Inf	5.96	3	Horizontal	146	1.50					
PK	5.965G	59.42	68.20	-8.78	6.46	3	Horizontal	146	1.50					

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

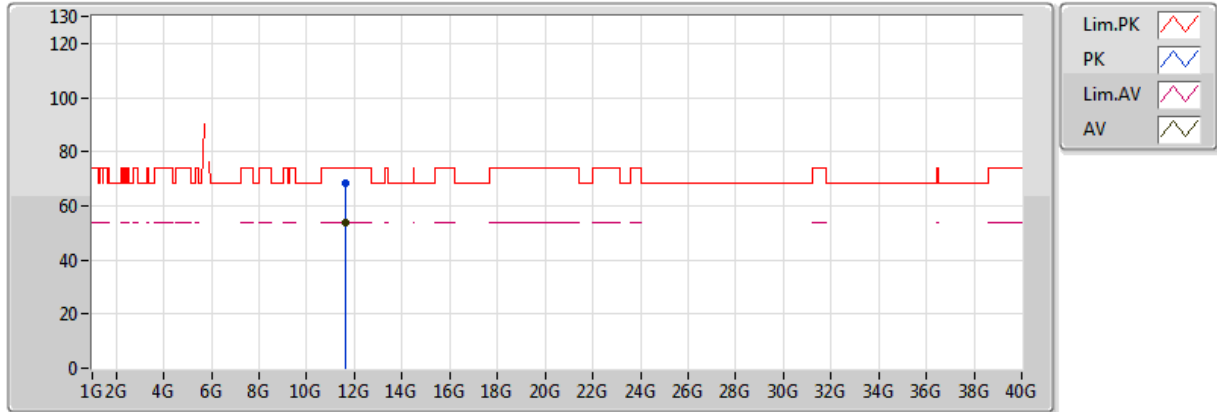


20171218
EUT Y_2TX
Setting 3A
04-B-2
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	11.64612G	52.17	54.00	-1.83	13.35	3	Vertical	106	2.54					
PK	11.64696G	66.58	74.00	-7.42	13.35	3	Vertical	106	2.54					

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

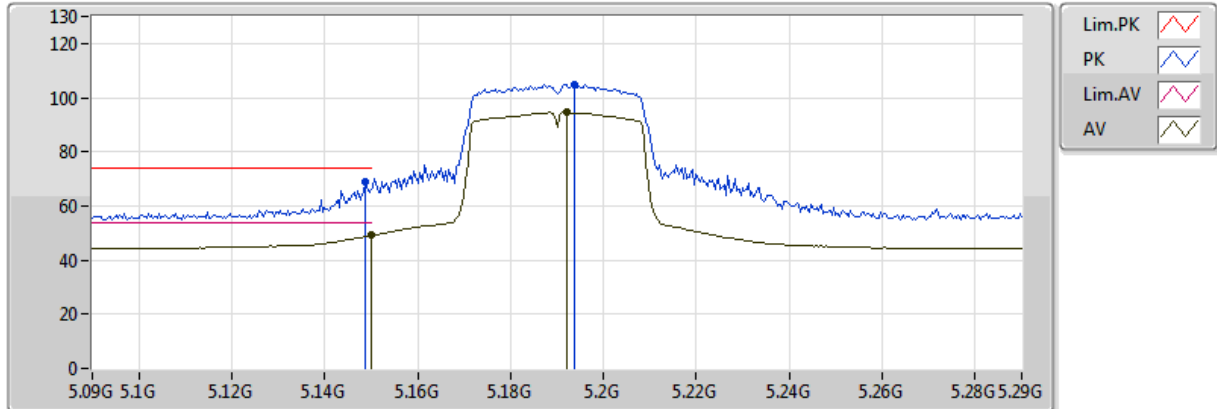


20171218
EUT Y_2TX
Setting 3A
04-B-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	11.6491G	53.69	54.00	-0.31	13.35	3	Horizontal	140	1.50					
PK	11.6478G	68.51	74.00	-5.49	13.35	3	Horizontal	140	1.50					

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

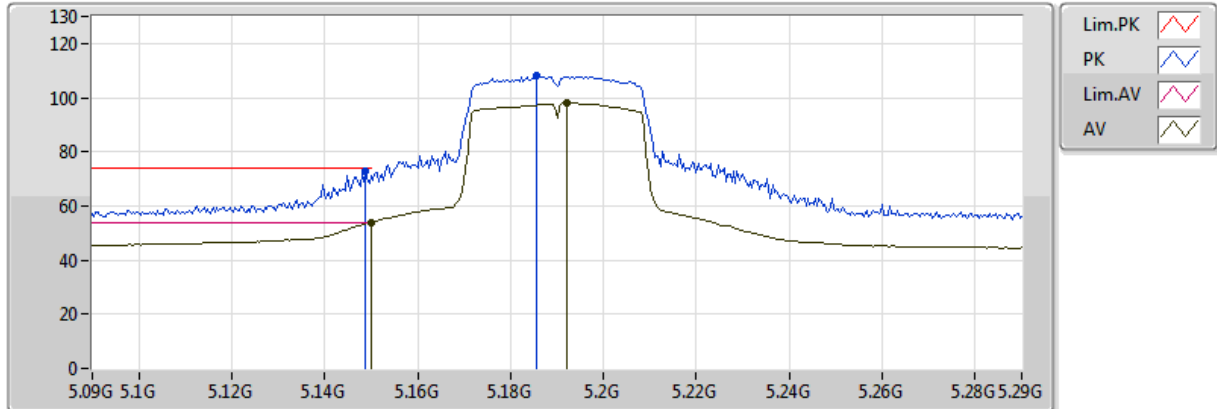


20171221
EUT Y_2TX
Setting 21
04-C-4-10
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.149995G	49.12	54.00	-4.88	4.06	3	Vertical	316	2.19					
AV	5.192G	94.48	Inf	-Inf	4.19	3	Vertical	316	2.19					
PK	5.1488G	68.97	74.00	-5.03	4.06	3	Vertical	316	2.19					
PK	5.1936G	104.84	Inf	-Inf	4.19	3	Vertical	316	2.19					

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

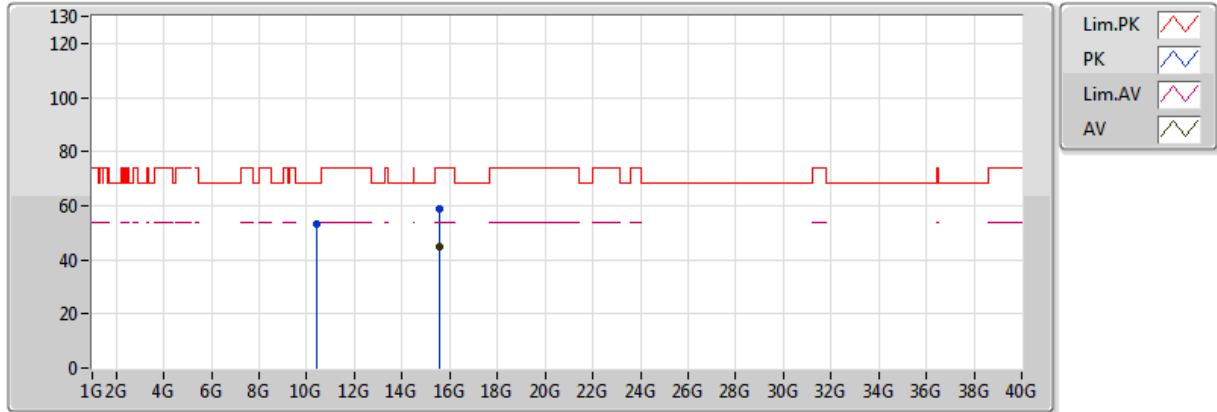


20171221
EUT_Y_2TX
Setting 21
04-C-4-10
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.149995G	53.95	54.00	-0.05	4.06	3	Horizontal	64	1.50					
AV	5.192G	97.96	Inf	-Inf	4.19	3	Horizontal	64	1.50					
PK	5.1488G	72.89	74.00	-1.11	4.06	3	Horizontal	64	1.50					
PK	5.1856G	108.03	Inf	-Inf	4.17	3	Horizontal	64	1.50					

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

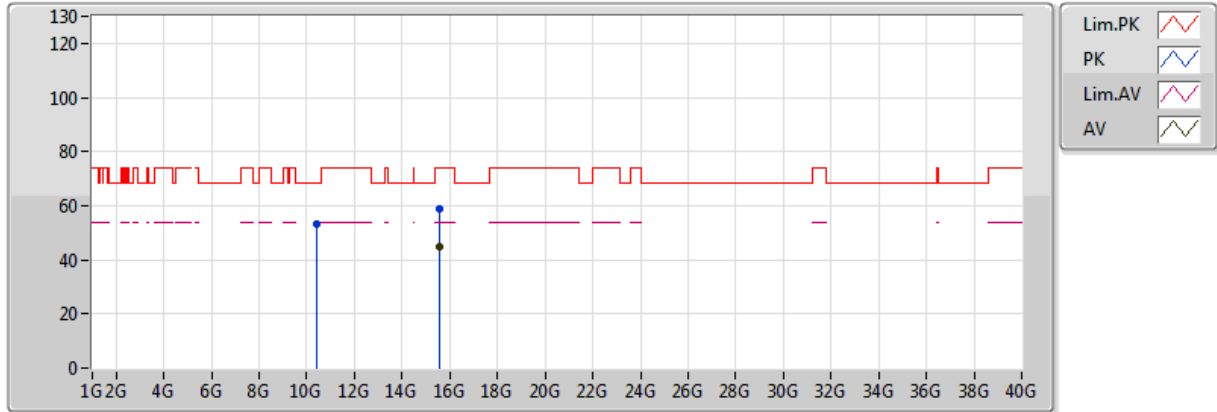


20171221
EUT Y_2TX
Setting 21
04-C-4
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	15.56666G	44.58	54.00	-9.42	15.19	3	Vertical	351	1.50					
PK	10.38696G	53.24	68.20	-14.96	12.49	3	Vertical	0	2.03					
PK	15.56502G	58.64	74.00	-15.36	15.20	3	Vertical	351	1.50					

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

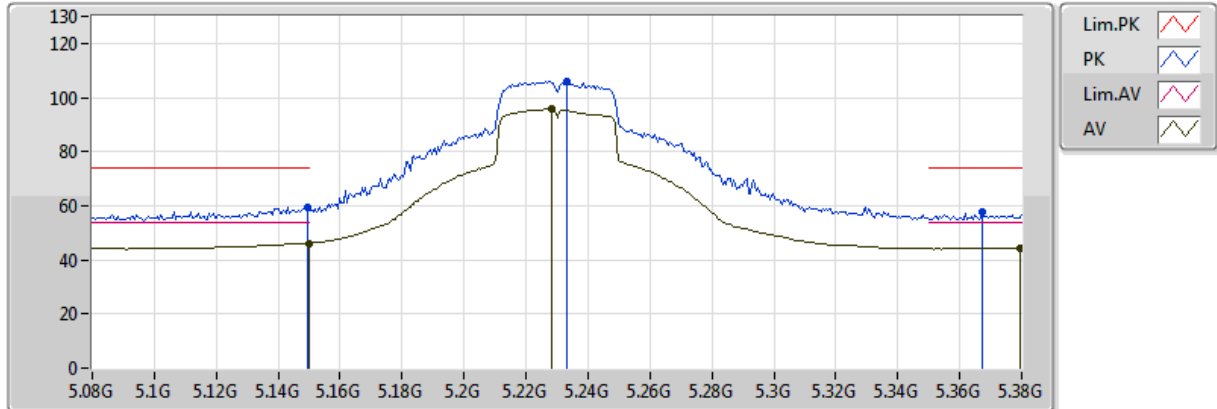


20171221
EUT_Y_2TX
Setting 21
04-C-4
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	15.56972G	44.68	54.00	-9.32	15.19	3	Horizontal	304	2.52					
PK	10.422G	53.51	68.20	-14.69	12.54	3	Horizontal	37	2.89					
PK	15.56764G	58.80	74.00	-15.20	15.19	3	Horizontal	304	2.52					

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

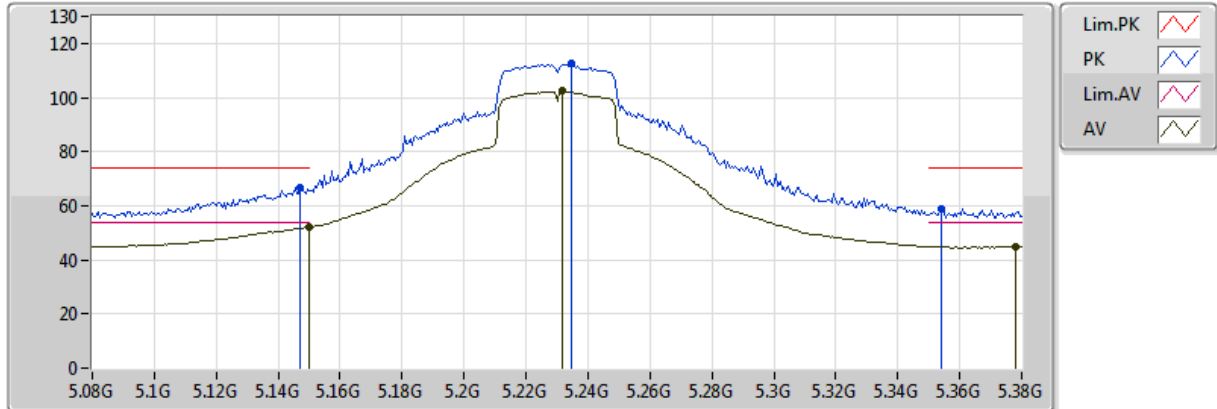


20171221
EUT Y_2TX
Setting 3A
04-C-4-10
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.149995G	46.12	54.00	-7.88	4.06	3	Vertical	60	1.50					
AV	5.2282G	95.81	Inf	-Inf	4.28	3	Vertical	60	1.50					
AV	5.3794G	44.39	54.00	-9.61	4.63	3	Vertical	60	1.50					
PK	5.1496G	59.54	74.00	-14.46	4.06	3	Vertical	60	1.50					
PK	5.233G	105.80	Inf	-Inf	4.29	3	Vertical	60	1.50					
PK	5.3674G	57.49	74.00	-16.51	4.60	3	Vertical	60	1.50					

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

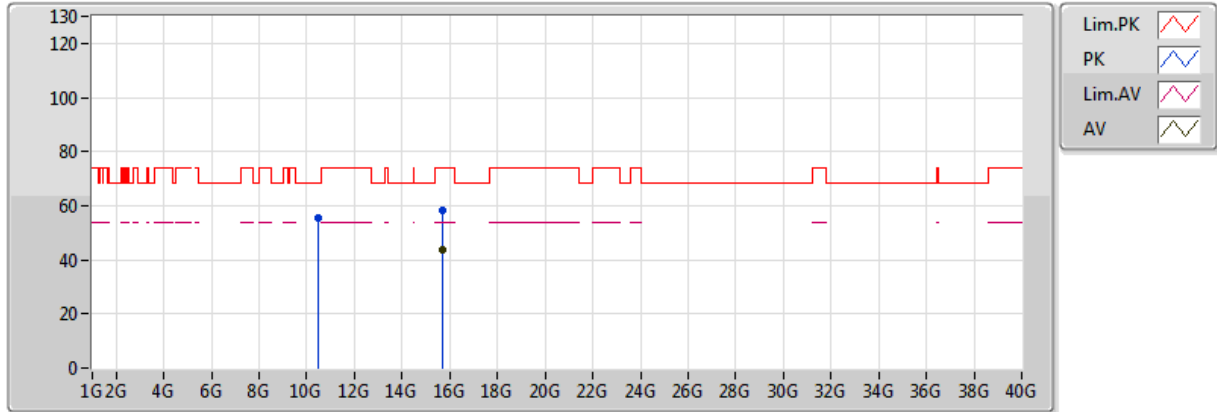


20171221
EUT Y_2TX
Setting 3A
04-C-4-10
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.149995G	52.09	54.00	-1.91	4.06	3	Horizontal	52	1.50					
AV	5.2318G	102.38	Inf	-Inf	4.29	3	Horizontal	52	1.50					
AV	5.3782G	44.78	54.00	-9.22	4.62	3	Horizontal	52	1.50					
PK	5.1472G	66.90	74.00	-7.10	4.05	3	Horizontal	52	1.50					
PK	5.2348G	112.36	Inf	-Inf	4.30	3	Horizontal	52	1.50					
PK	5.3542G	59.05	74.00	-14.95	4.57	3	Horizontal	52	1.50					

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

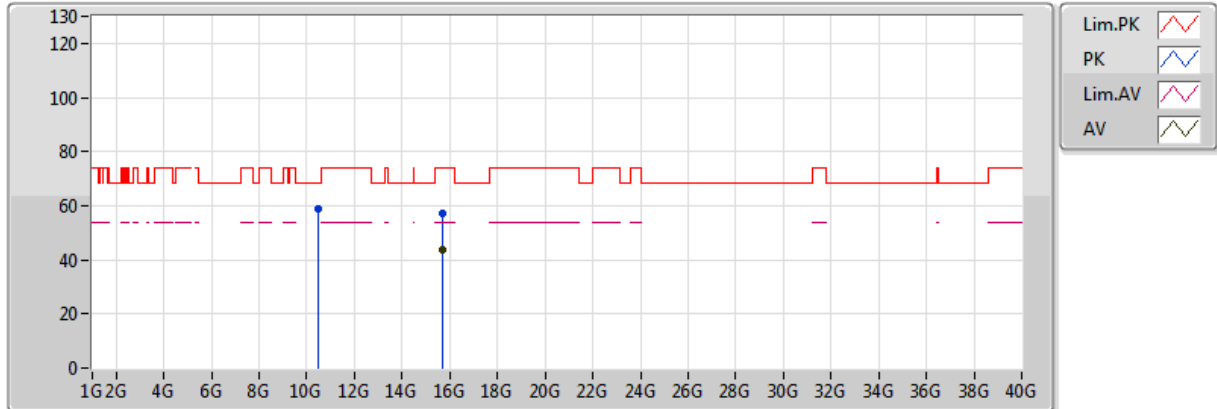


20171221
EUT Y_2TX
Setting 3A
04-C-4
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	15.68538G	43.72	54.00	-10.28	15.07	3	Vertical	258	2.77					
PK	10.4516G	55.40	68.20	-12.80	12.57	3	Vertical	259	1.01					
PK	15.69476G	58.25	74.00	-15.75	15.06	3	Vertical	258	2.77					

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

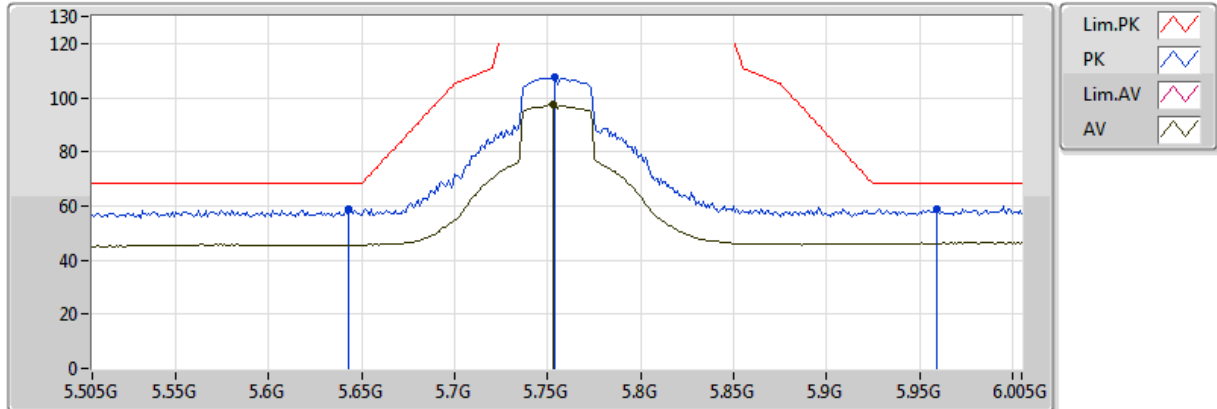


20171221
EUT Y_2TX
Setting 3A
04-C-4
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	15.69304G	43.74	54.00	-10.26	15.06	3	Horizontal	349	1.50					
PK	10.45916G	58.63	68.20	-9.57	12.58	3	Horizontal	42	1.45					
PK	15.68986G	57.39	74.00	-16.61	15.06	3	Horizontal	349	1.50					

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

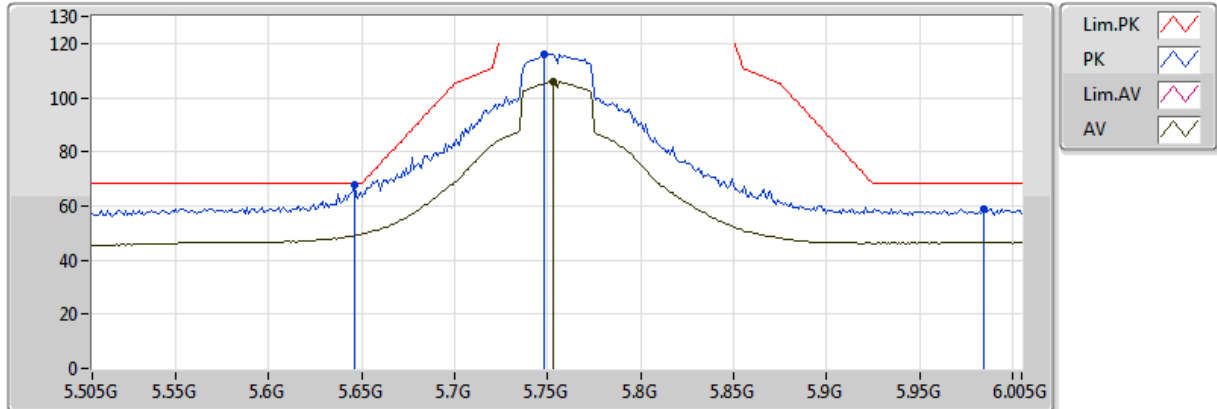


20171220
EUT_Y_2TX
Setting 2A
04-C-4-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	5.753G	97.49	Inf	-Inf	5.69	3	Vertical	72	1.42					
PK	5.643G	58.63	68.20	-9.57	5.28	3	Vertical	72	1.42					
PK	5.754G	107.63	Inf	-Inf	5.69	3	Vertical	72	1.42					
PK	5.959G	59.03	68.20	-9.17	6.44	3	Vertical	72	1.42					

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

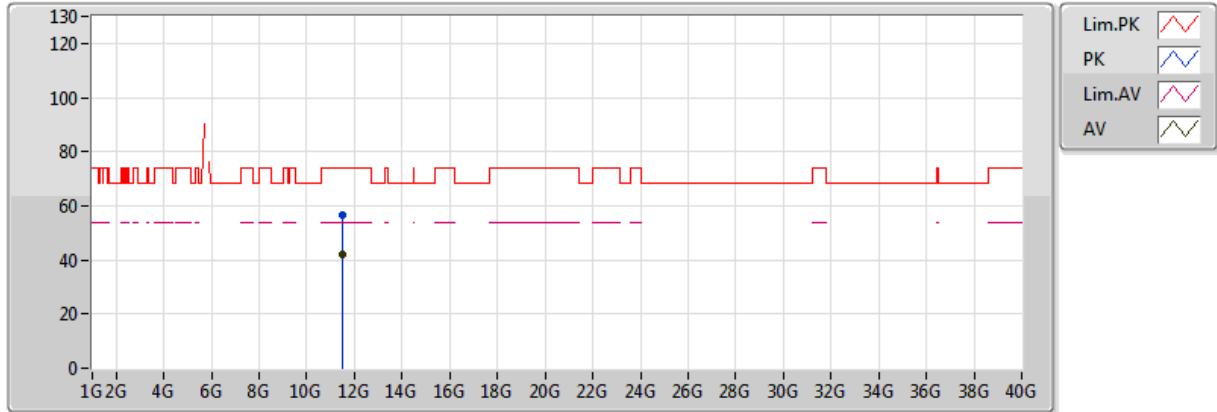


20171220
EUT Y_2TX
Setting 2A
04-C-4-10
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.753G	105.96	Inf	-Inf	5.69	3	Horizontal	98	1.91					
PK	5.646G	67.89	68.20	-0.31	5.29	3	Horizontal	98	1.91					
PK	5.748G	115.86	Inf	-Inf	5.67	3	Horizontal	98	1.91					
PK	5.985G	58.89	68.20	-9.31	6.54	3	Horizontal	98	1.91					

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

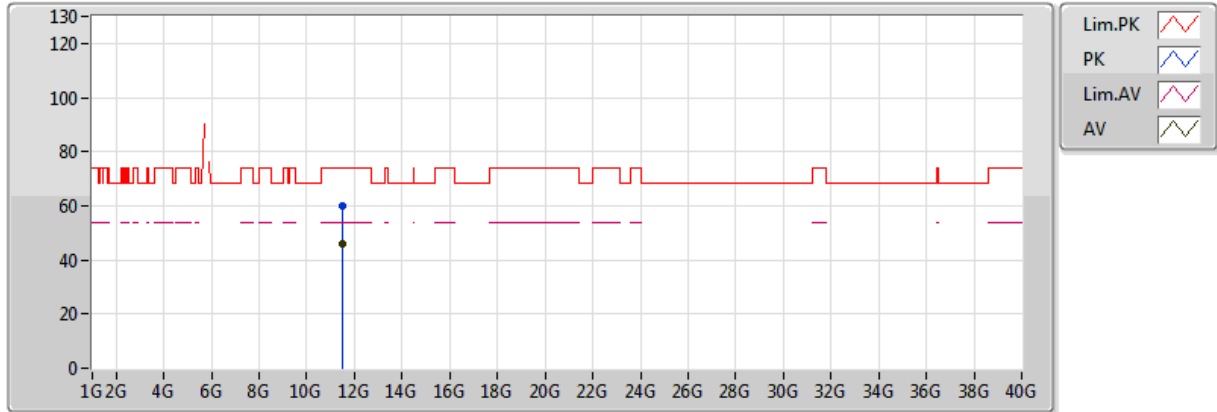


20171220
EUT Y_2TX
Setting 2A
04-C-4
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	11.50532G	42.21	54.00	-11.79	13.32	3	Vertical	108	1.50					
PK	11.50898G	56.34	74.00	-17.66	13.32	3	Vertical	108	1.50					

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

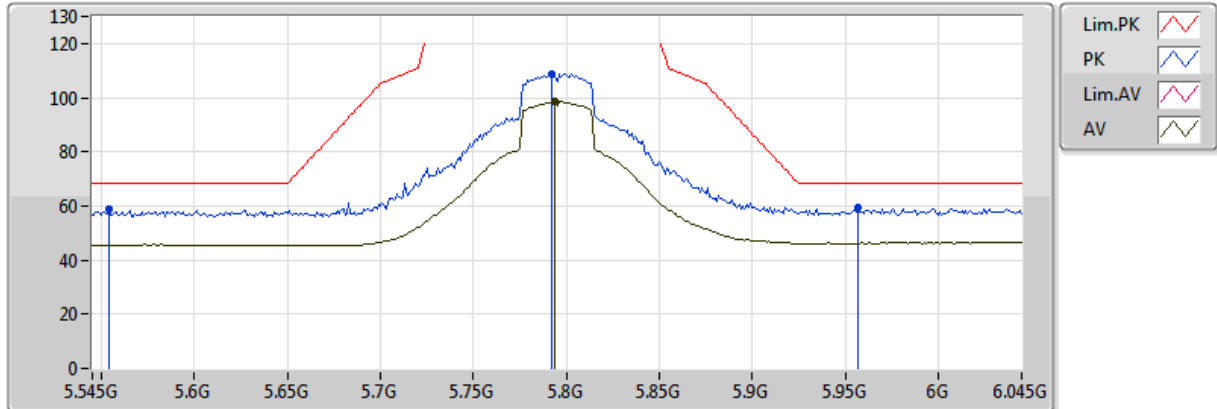


20171220
EUT Y_2TX
Setting 2A
04-C-4
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	11.5076G	46.03	54.00	-7.97	13.32	3	Horizontal	138	1.50					
PK	11.50676G	60.09	74.00	-13.91	13.32	3	Horizontal	138	1.50					

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

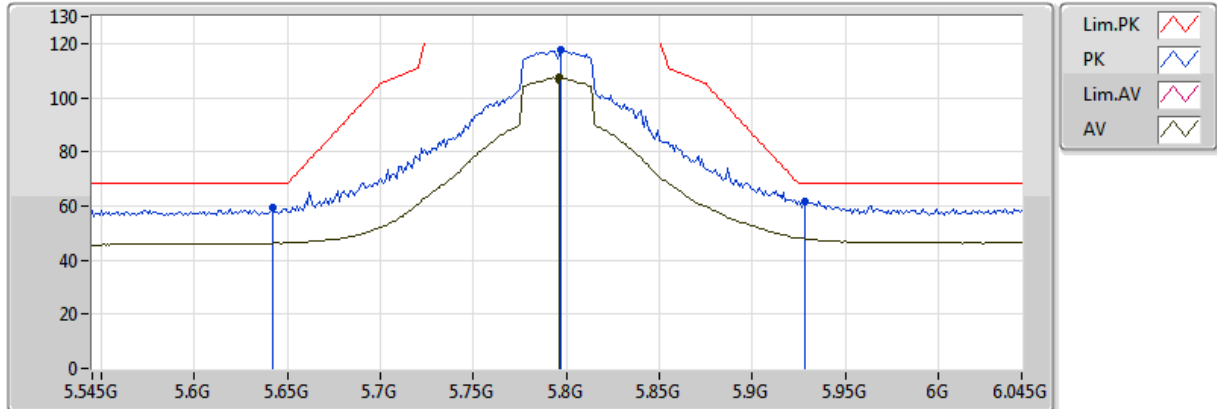


20171220
EUT Y_2TX
Setting 3A
04-C-4-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	5.794G	98.60	Inf	-Inf	5.84	3	Vertical	73	1.31					
PK	5.554G	58.70	68.20	-9.50	4.99	3	Vertical	73	1.31					
PK	5.792G	108.80	Inf	-Inf	5.83	3	Vertical	73	1.31					
PK	5.957G	59.33	68.20	-8.87	6.44	3	Vertical	73	1.31					

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

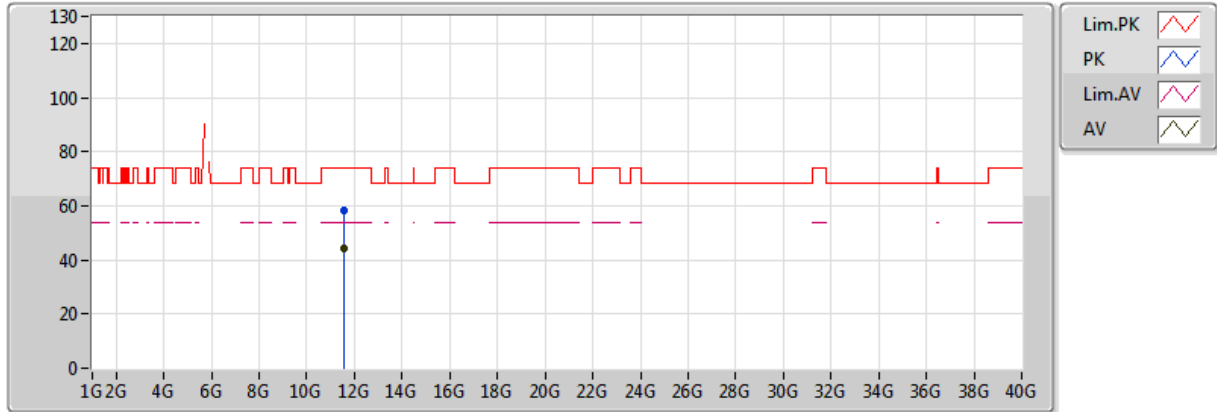


20171220
EUT_Y_2TX
Setting 3A
04-C-4-10
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.796G	107.31	Inf	-Inf	5.85	3	Horizontal	93	2.97					
PK	5.642G	59.59	68.20	-8.61	5.28	3	Horizontal	93	2.97					
PK	5.797G	117.42	Inf	-Inf	5.85	3	Horizontal	93	2.97					
PK	5.928G	61.86	68.20	-6.34	6.33	3	Horizontal	93	2.97					

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

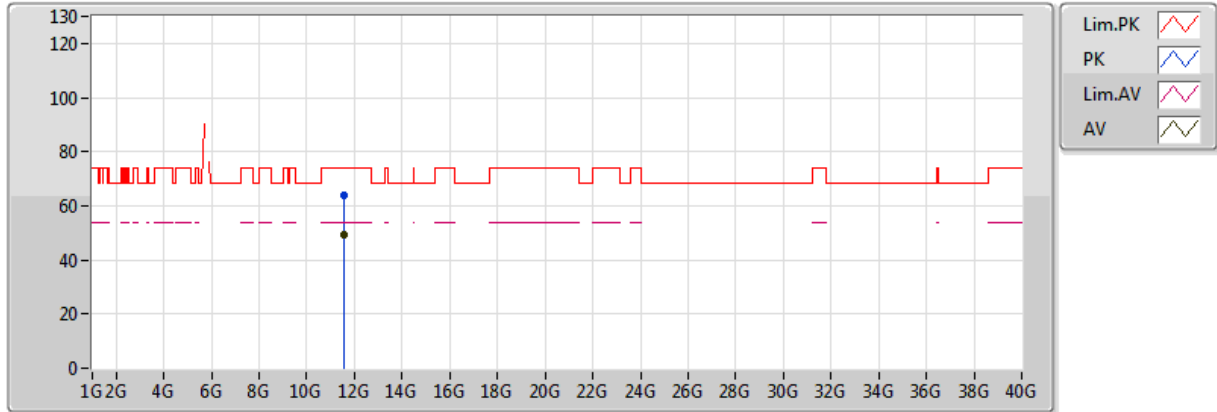


20171220
EUT Y_2TX
Setting 3A
04-C-4
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	11.58994G	44.23	54.00	-9.77	13.34	3	Vertical	244	1.50					
PK	11.59108G	58.35	74.00	-15.65	13.34	3	Vertical	244	1.50					

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

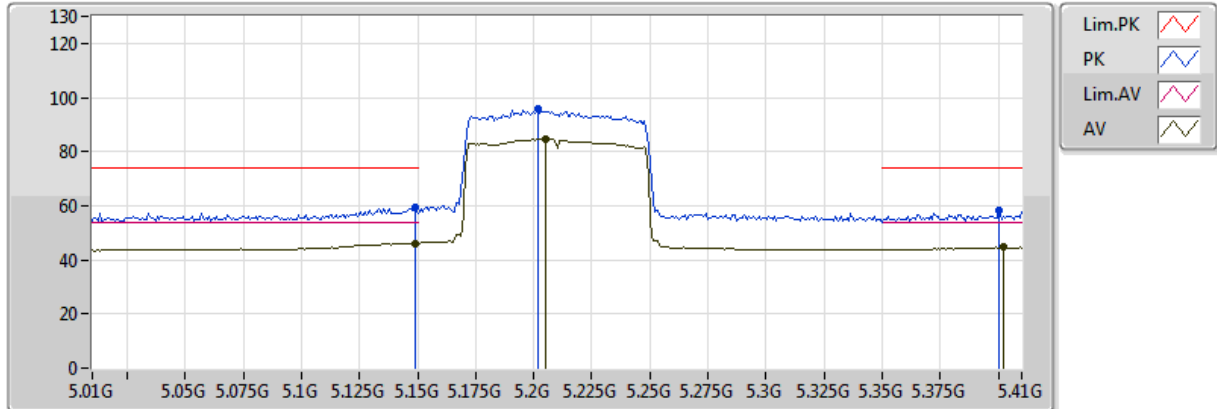


20171220
EUT Y_2TX
Setting 3A
04-C-4
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	11.59048G	49.04	54.00	-4.96	13.34	3	Horizontal	138	1.48					
PK	11.59252G	64.05	74.00	-9.95	13.34	3	Horizontal	138	1.48					

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

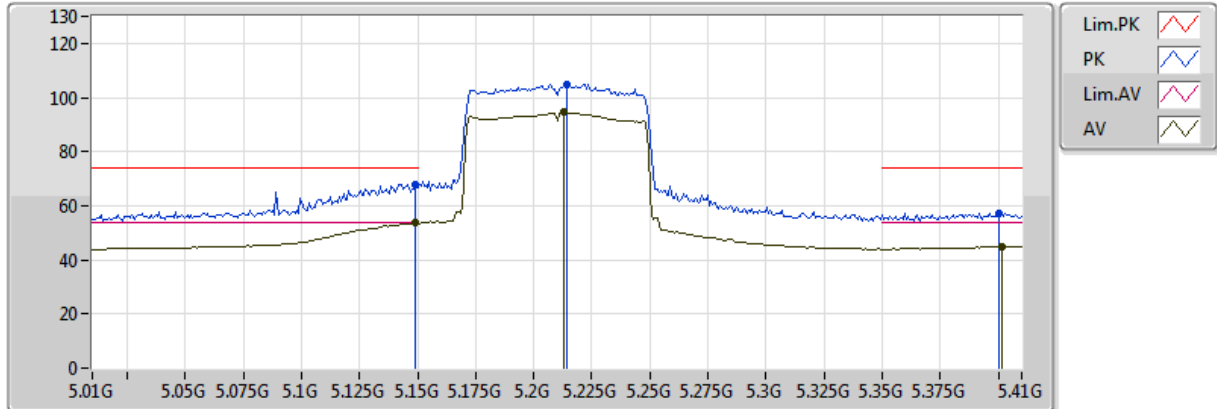


20171220
EUT Y_2TX
Setting 16
04-C-4-10
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.1492G	45.96	54.00	-8.04	4.06	3	Vertical	199	1.50					
AV	5.2052G	84.80	Inf	-Inf	4.22	3	Vertical	199	1.50					
AV	5.402G	44.65	54.00	-9.35	4.67	3	Vertical	199	1.50					
PK	5.1492G	59.21	74.00	-14.79	4.06	3	Vertical	199	1.50					
PK	5.202G	95.72	Inf	-Inf	4.21	3	Vertical	199	1.50					
PK	5.4004G	58.24	74.00	-15.76	4.67	3	Vertical	199	1.50					

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

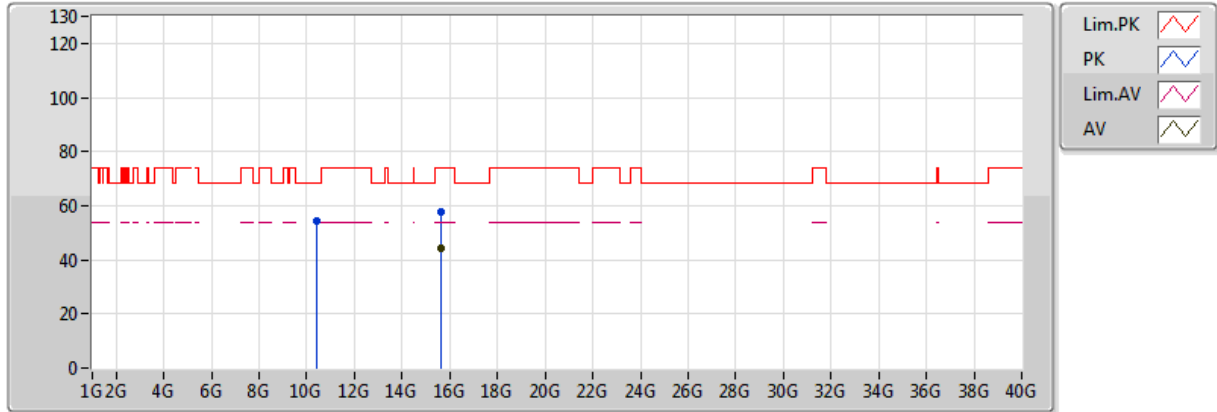


20171220
EUT Y_2TX
Setting 16
04-C-4-10
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.1492G	53.66	54.00	-0.34	4.06	3	Horizontal	92	2.09					
AV	5.2132G	94.52	Inf	-Inf	4.24	3	Horizontal	92	2.09					
AV	5.4012G	44.77	54.00	-9.23	4.67	3	Horizontal	92	2.09					
PK	5.1492G	68.00	74.00	-6.00	4.06	3	Horizontal	92	2.09					
PK	5.214G	104.81	Inf	-Inf	4.24	3	Horizontal	92	2.09					
PK	5.4004G	57.29	74.00	-16.71	4.67	3	Horizontal	92	2.09					

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

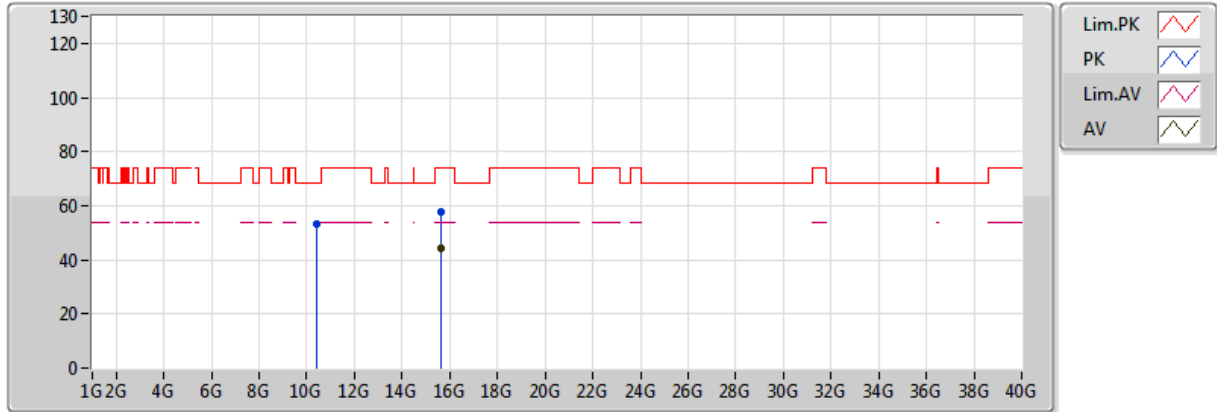


20171220
EUT Y_2TX
Setting 16
04-C-4
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	15.6248G	44.15	54.00	-9.85	15.13	3	Vertical	85	2.50					
PK	10.41514G	54.11	68.20	-14.09	12.53	3	Vertical	152	1.85					
PK	15.6097G	57.74	74.00	-16.26	15.15	3	Vertical	85	2.50					

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

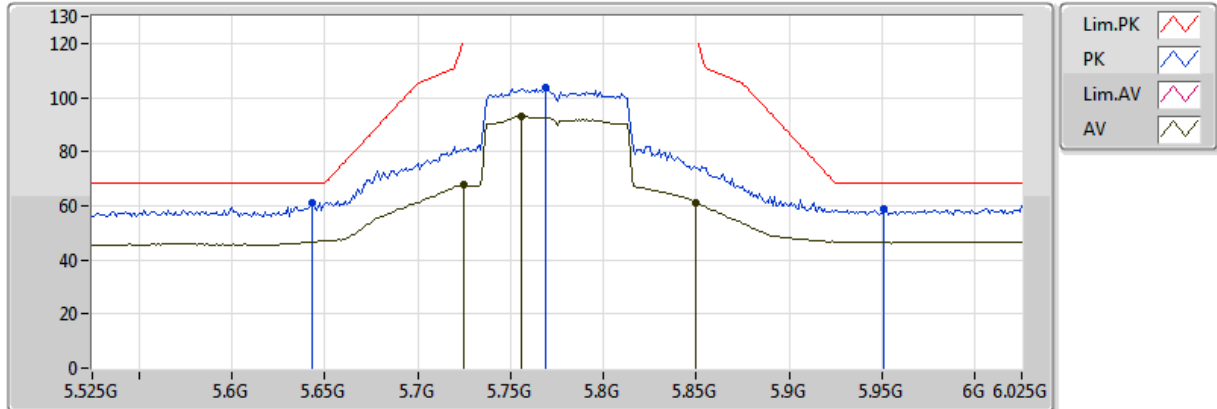


20171220
EUT_Y_2TX
Setting 16
04-C-4
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	15.6219G	44.10	54.00	-9.90	15.13	3	Horizontal	300	2.50					
PK	10.42462G	53.32	68.20	-14.88	12.54	3	Horizontal	294	1.50					
PK	15.6221G	57.65	74.00	-16.35	15.13	3	Horizontal	300	2.50					

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

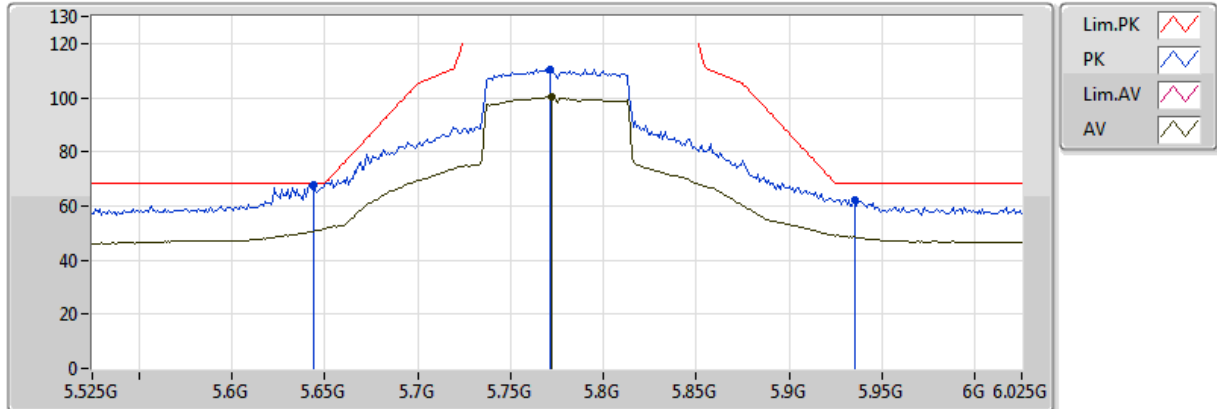


20171220
EUT Y_2TX
Setting 25
04-C-4-10
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)					
AV	5.725G	67.59	Inf	-Inf	5.58	3	Vertical	53	1.66					
AV	5.756G	93.09	Inf	-Inf	5.70	3	Vertical	53	1.66					
AV	5.85G	60.87	Inf	-Inf	6.05	3	Vertical	53	1.66					
PK	5.643G	61.32	68.20	-6.88	5.28	3	Vertical	53	1.66					
PK	5.769G	103.42	Inf	-Inf	5.75	3	Vertical	53	1.66					
PK	5.951G	58.85	68.20	-9.35	6.41	3	Vertical	53	1.66					

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

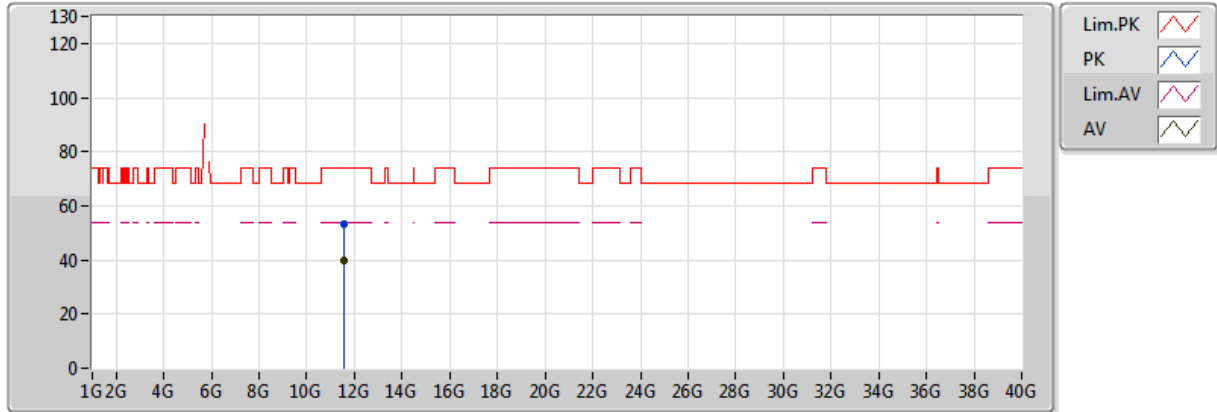


20171220
EUT Y_2TX
Setting 25
04-C-4-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	5.772G	100.10	Inf	-Inf	5.76	3	Horizontal	78	2.96					
PK	5.644G	67.90	68.20	-0.30	5.28	3	Horizontal	78	2.96					
PK	5.771G	110.46	Inf	-Inf	5.75	3	Horizontal	78	2.96					
PK	5.935G	62.33	68.20	-5.87	6.36	3	Horizontal	78	2.96					

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

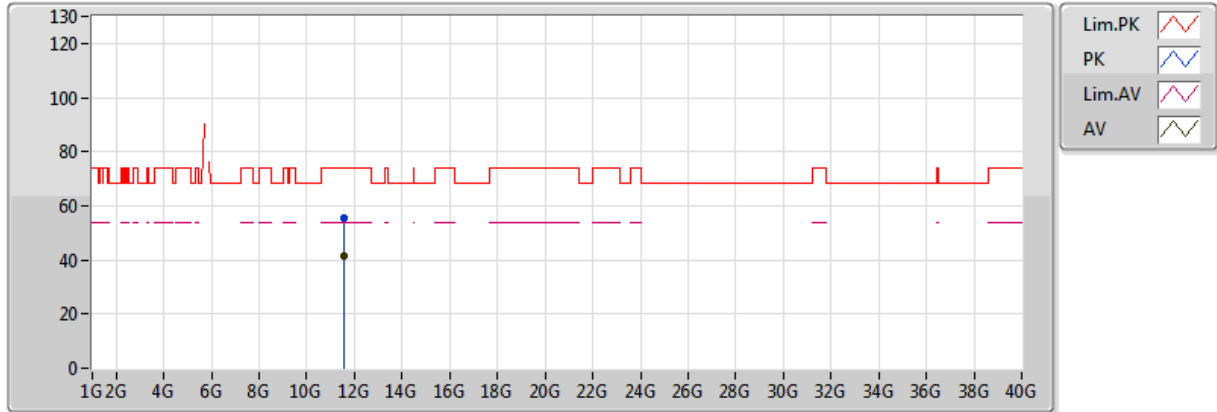


20171220
EUT Y_2TX
Setting 25
04-C-4
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	11.55828G	39.65	54.00	-14.35	13.33	3	Vertical	241	1.50					
PK	11.5515G	53.08	74.00	-20.92	13.33	3	Vertical	241	1.50					

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX



20171220
EUT Y_2TX
Setting 25
04-C-4
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)					
AV	11.55756G	41.73	54.00	-12.27	13.33	3	Horizontal	138	1.50					
PK	11.56086G	55.60	74.00	-18.40	13.33	3	Horizontal	138	1.50					

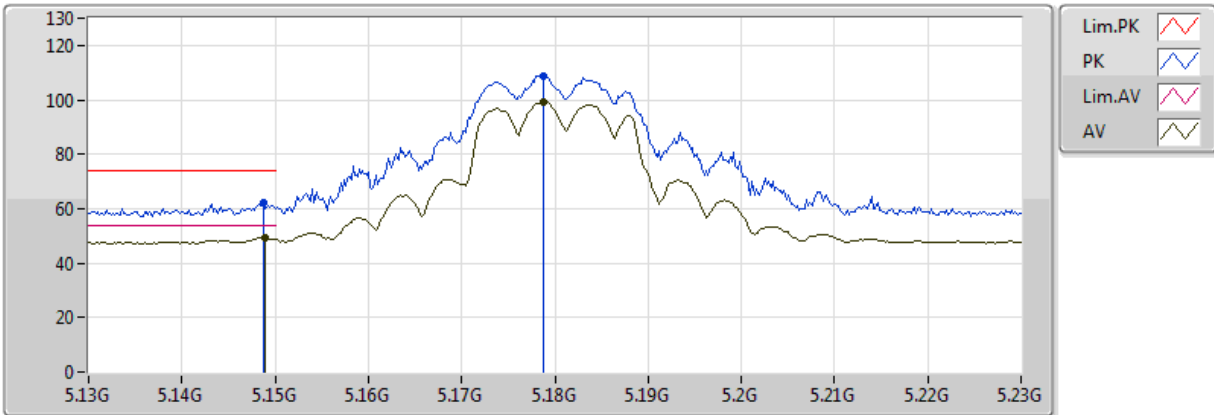
**Test Mode: Mode 3. EUT with Set 3 antennas****Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	AV	5.1446G	53.98	54.00	-0.02	9.89	3	Horizontal	84	1.82	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

29/01/2018



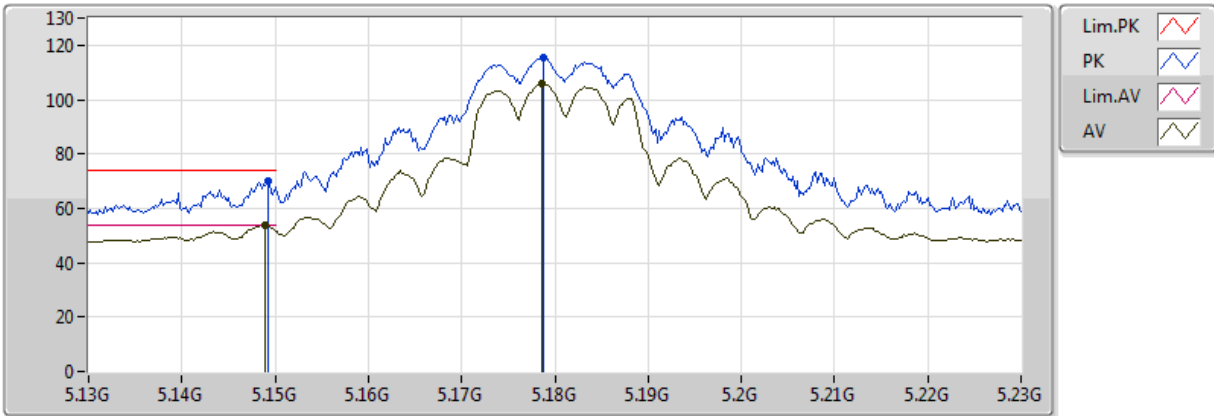
20180129
EUT Y_2TX
Setting 24
02-R-5-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.149G	49.33	54.00	-4.67	9.90	3	Vertical	127	1.50					
AV	5.1788G	99.17	Inf	-Inf	9.97	3	Vertical	127	1.50					
PK	5.1488G	62.13	74.00	-11.87	9.90	3	Vertical	127	1.50					
PK	5.1788G	108.75	Inf	-Inf	9.97	3	Vertical	127	1.50					

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

29/01/2018



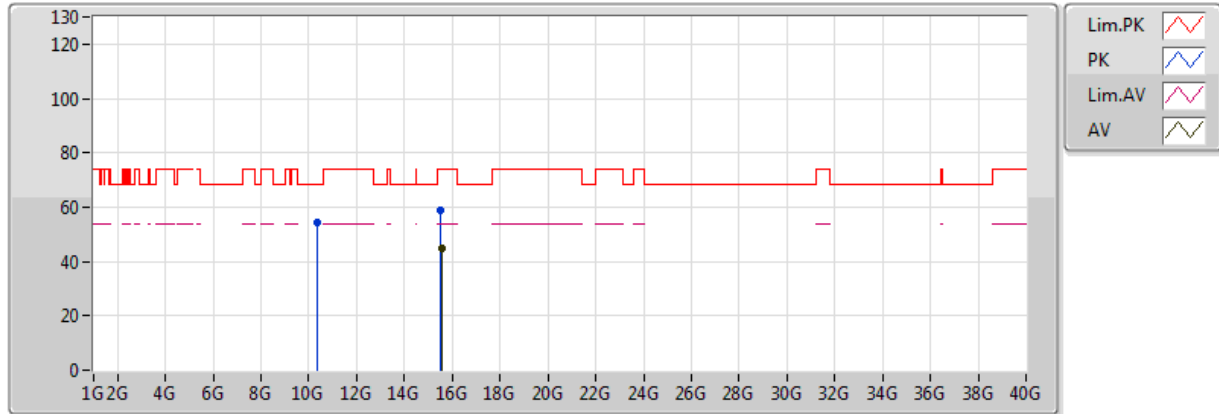
20180129
EUT_Y_2TX
Setting 24
02-R-5-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.149G	53.68	54.00	-0.32	9.90	3	Horizontal	156	1.80					
AV	5.1786G	105.66	Inf	-Inf	9.97	3	Horizontal	156	1.80					
PK	5.1492G	69.89	74.00	-4.11	9.90	3	Horizontal	156	1.80					
PK	5.1788G	115.27	Inf	-Inf	9.97	3	Horizontal	156	1.80					

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

29/01/2018



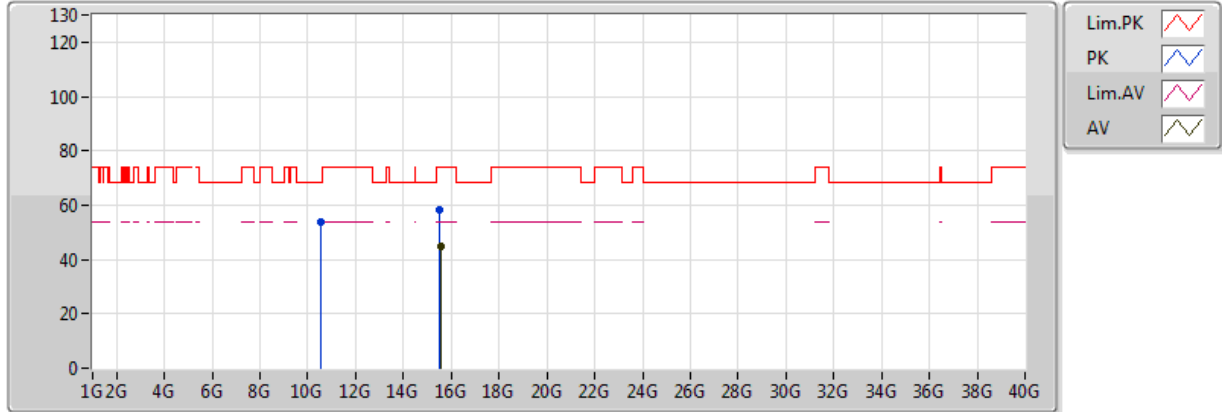
20180129
EUT Y_2TX
Setting 24
02-R-5
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	15.5387G	44.74	54.00	-9.26	18.68	3	Vertical	195	2.59					
PK	10.3584G	54.42	68.20	-13.78	14.71	3	Vertical	311	1.50					
PK	15.53546G	59.08	74.00	-14.92	18.69	3	Vertical	195	2.59					

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

29/01/2018



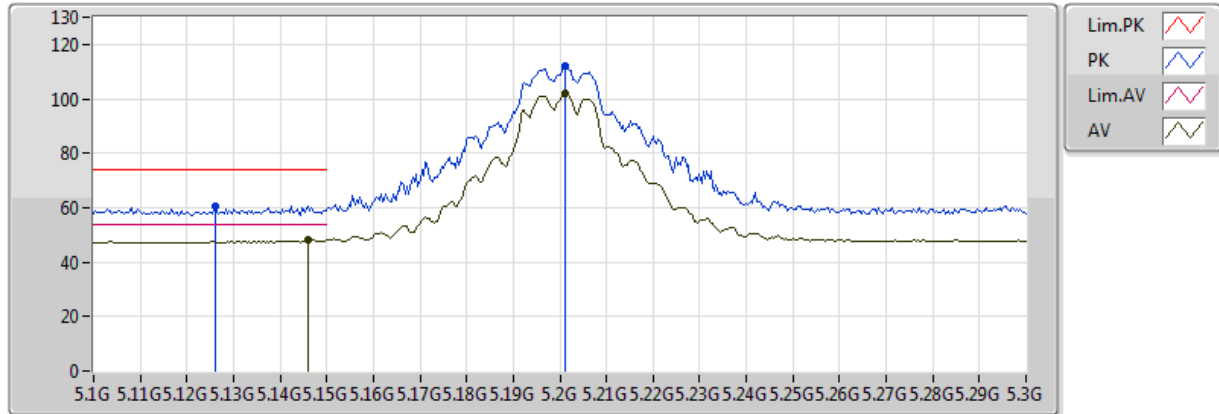
20180129
EUT Y_2TX
Setting 24
02-R-5
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	15.53962G	44.87	54.00	-9.13	18.68	3	Horizontal	147	1.78					
PK	10.537G	53.88	68.20	-14.32	14.73	3	Horizontal	215	1.25					
PK	15.5351G	58.27	74.00	-15.73	18.69	3	Horizontal	147	1.78					

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

29/01/2018



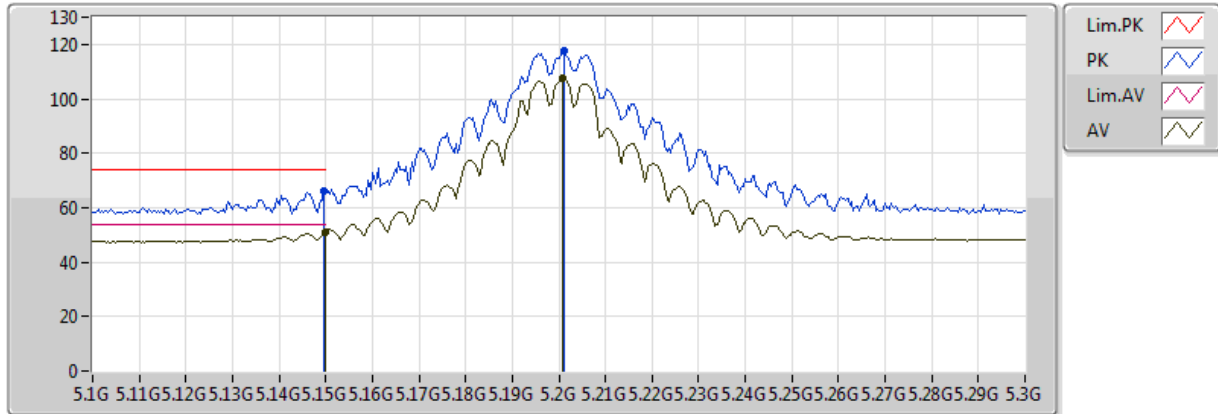
20180129
EUT Y_2TX
Setting 3A
02-R-5-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.146G	48.18	54.00	-5.82	9.89	3	Vertical	82	2.04					
AV	5.2012G	102.13	Inf	-Inf	10.03	3	Vertical	82	2.04					
PK	5.126G	60.66	74.00	-13.34	9.84	3	Vertical	82	2.04					
PK	5.2012G	111.99	Inf	-Inf	10.03	3	Vertical	82	2.04					

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

29/01/2018



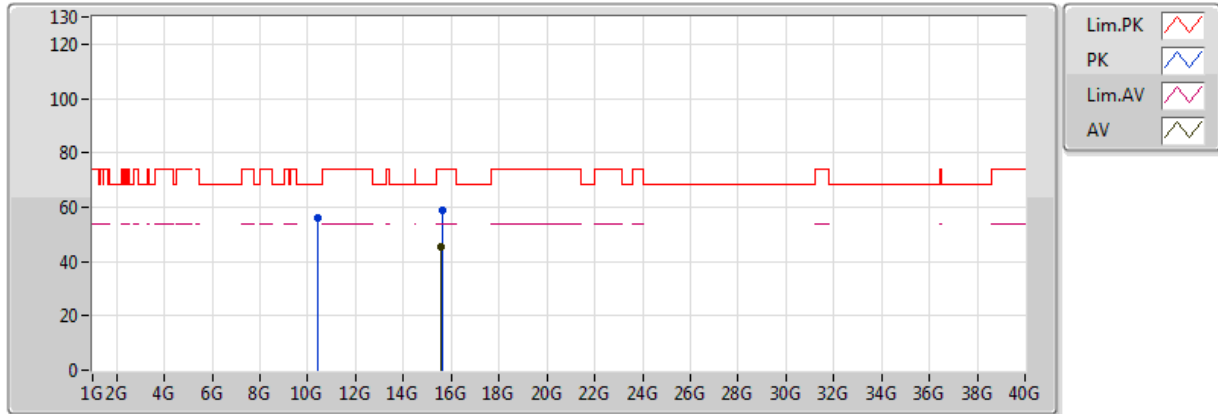
20180129
EUT Y_2TX
Setting 3A
02-R-5-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.149995G	51.14	54.00	-2.86	9.90	3	Horizontal	13	1.12					
AV	5.2008G	107.79	Inf	-Inf	10.02	3	Horizontal	13	1.12					
PK	5.1496G	65.88	74.00	-8.12	9.90	3	Horizontal	13	1.12					
PK	5.2012G	117.62	Inf	-Inf	10.03	3	Horizontal	13	1.12					

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

29/01/2018



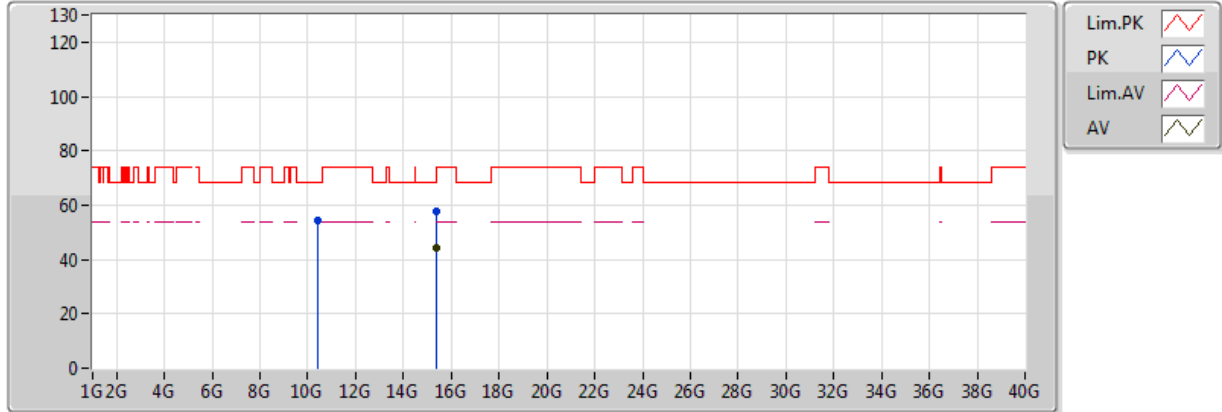
20180129
EUT Y_2TX
Setting 3A
02-R-5
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	15.5967G	45.43	54.00	-8.57	18.58	3	Vertical	136	1.93					
PK	10.4039G	55.84	68.20	-12.36	14.72	3	Vertical	235	2.03					
PK	15.60594G	58.76	74.00	-15.24	18.57	3	Vertical	136	1.93					

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

29/01/2018



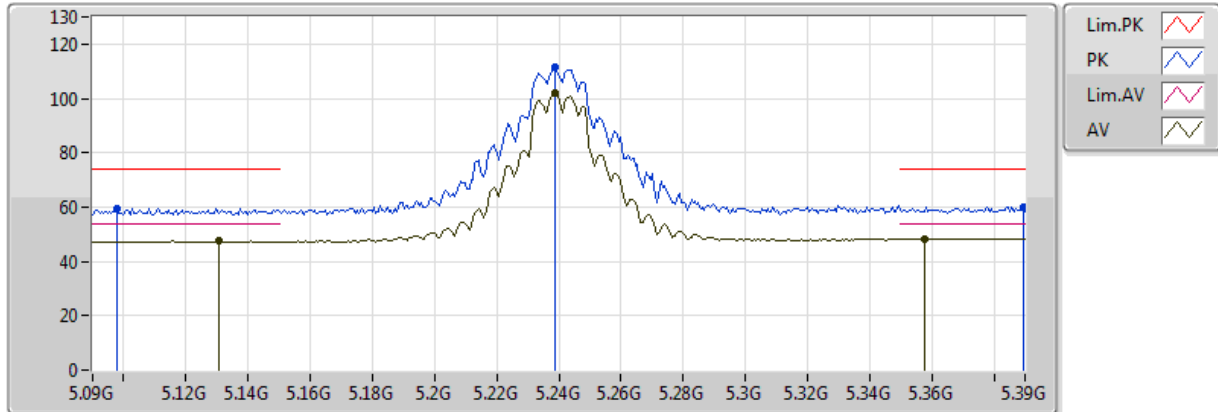
20180129
EUT Y_2TX
Setting 3A
02-R-5
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	15.354G	44.52	54.00	-9.48	18.99	3	Horizontal	154	1.33					
PK	10.40792G	54.22	68.20	-13.98	14.72	3	Horizontal	82	2.16					
PK	15.353G	57.65	74.00	-16.35	18.99	3	Horizontal	154	1.33					

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

29/01/2018



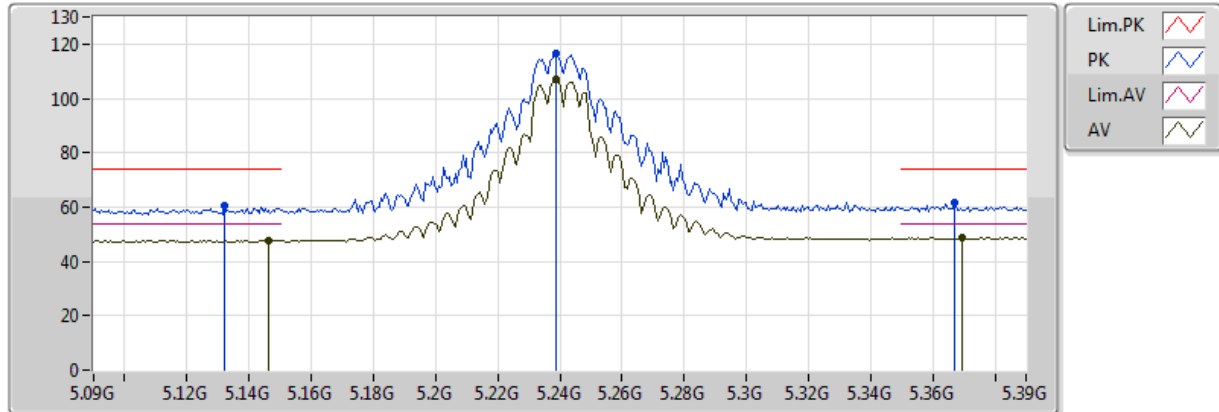
20180129
EUT_Y_2TX
Setting 3A
02-R-5-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.1308G	47.38	54.00	-6.62	9.85	3	Vertical	54	1.93					
AV	5.2388G	101.82	Inf	-Inf	10.26	3	Vertical	54	1.93					
AV	5.3576G	48.44	54.00	-5.56	11.00	3	Vertical	54	1.93					
PK	5.0978G	59.62	74.00	-14.38	9.77	3	Vertical	54	1.93					
PK	5.2388G	111.58	Inf	-Inf	10.26	3	Vertical	54	1.93					
PK	5.3894G	59.99	74.00	-14.01	11.19	3	Vertical	54	1.93					

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

29/01/2018



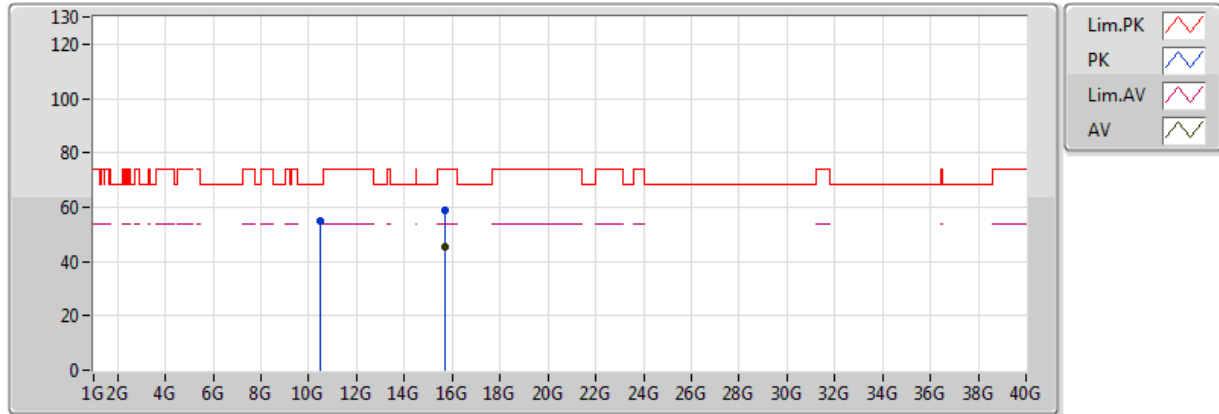
20180129
EUT Y_2TX
Setting 3A
02-R-5-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.1464G	47.67	54.00	-6.33	9.89	3	Horizontal	75	1.68					
AV	5.2388G	107.22	Inf	-Inf	10.26	3	Horizontal	75	1.68					
AV	5.3696G	48.68	54.00	-5.32	11.07	3	Horizontal	75	1.68					
PK	5.132G	60.39	74.00	-13.61	9.86	3	Horizontal	75	1.68					
PK	5.2388G	116.80	Inf	-Inf	10.26	3	Horizontal	75	1.68					
PK	5.3672G	61.43	74.00	-12.57	11.06	3	Horizontal	75	1.68					

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

29/01/2018



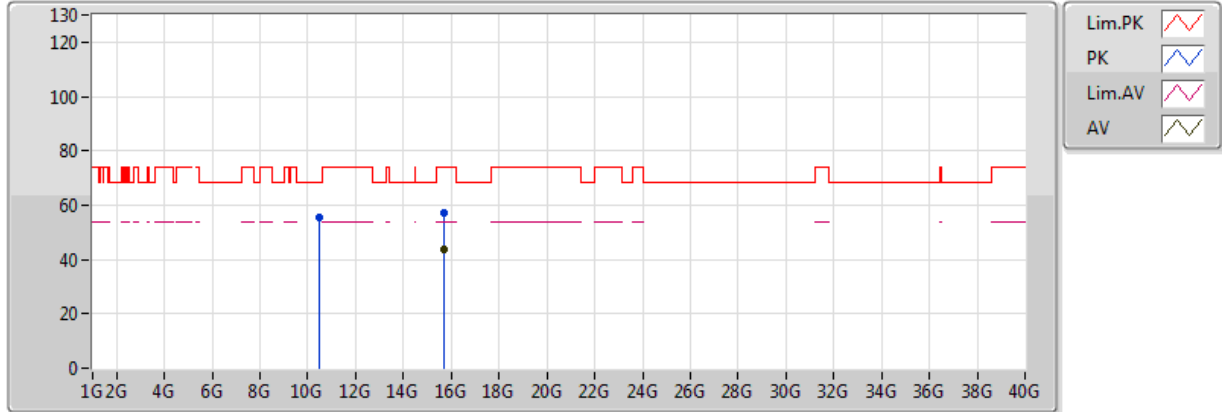
20180129
EUT Y_2TX
Setting 3A
02-R-5
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	15.71994G	45.52	54.00	-8.48	18.38	3	Vertical	74	2.59					
PK	10.47418G	54.70	68.20	-13.50	14.72	3	Vertical	266	1.50					
PK	15.71064G	58.97	74.00	-15.03	18.39	3	Vertical	74	2.59					

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

29/01/2018



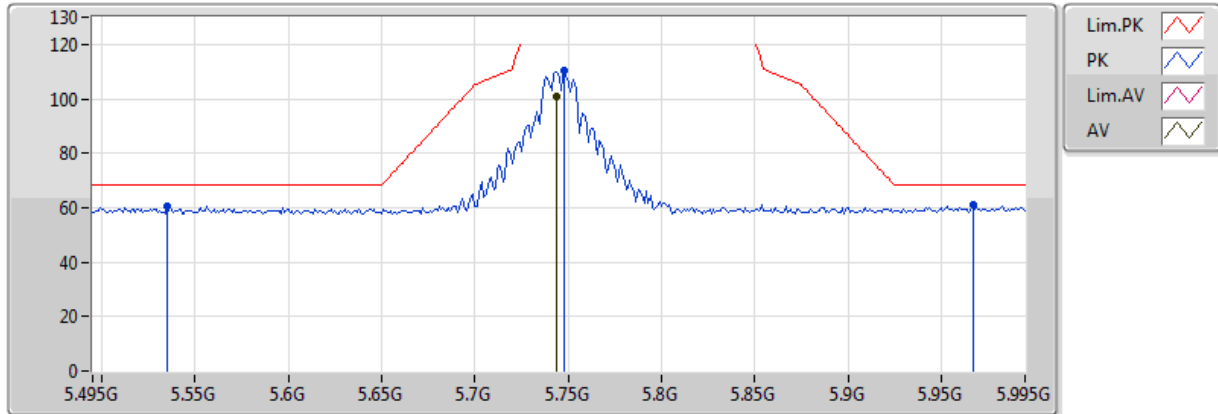
20180129
EUT Y_2TX
Setting 3A
02-R-5
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	15.7173G	43.88	54.00	-10.12	18.38	3	Horizontal	134	2.11					
PK	10.48522G	55.63	68.20	-12.57	14.72	3	Horizontal	111	2.12					
PK	15.7059G	57.20	74.00	-16.80	18.40	3	Horizontal	134	2.11					

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

29/01/2018



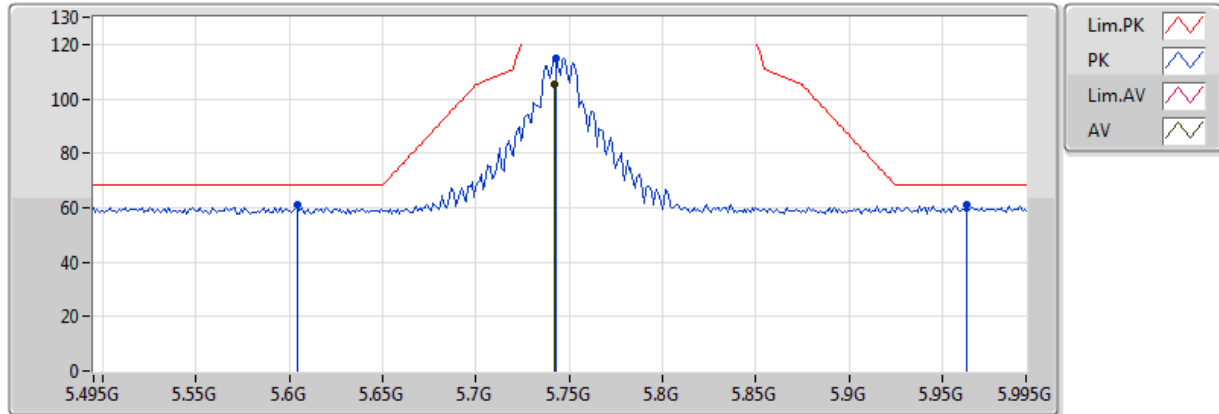
20180129
EUT_Y_2TX
Setting 3A
02-R-5-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.744G	100.85	Inf	-Inf	10.66	3	Vertical	346	2.00					
PK	5.535G	60.57	68.20	-7.63	10.80	3	Vertical	346	2.00					
PK	5.748G	110.37	Inf	-Inf	10.67	3	Vertical	346	2.00					
PK	5.967G	61.00	68.20	-7.20	11.18	3	Vertical	346	2.00					

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

29/01/2018



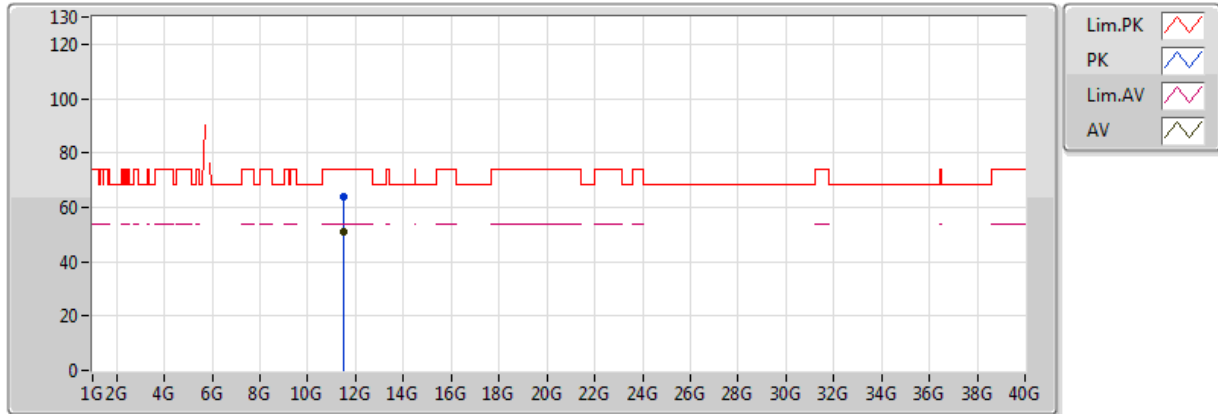
20180129
EUT_Y_2TX
Setting 3A
02-R-5-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.742G	105.23	Inf	-Inf	10.66	3	Horizontal	200	1.92					
PK	5.604G	61.33	68.20	-6.87	10.50	3	Horizontal	200	1.92					
PK	5.743G	114.78	Inf	-Inf	10.66	3	Horizontal	200	1.92					
PK	5.963G	61.08	68.20	-7.12	11.17	3	Horizontal	200	1.92					

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

29/01/2018



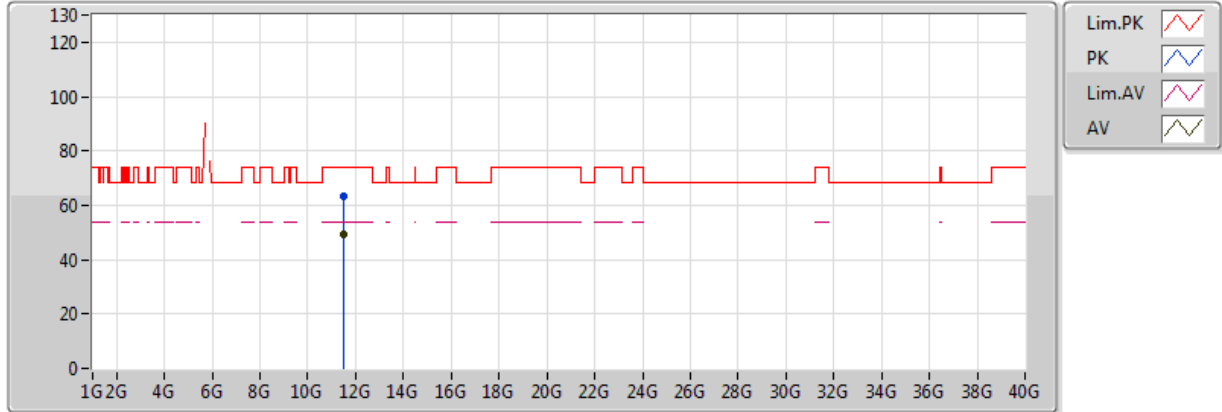
20180129
EUT Y_2TX
Setting 3A
02-R-5
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	11.4877G	50.93	54.00	-3.07	15.44	3	Vertical	335	1.75					
PK	11.4926G	63.73	74.00	-10.27	15.44	3	Vertical	335	1.75					

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

29/01/2018



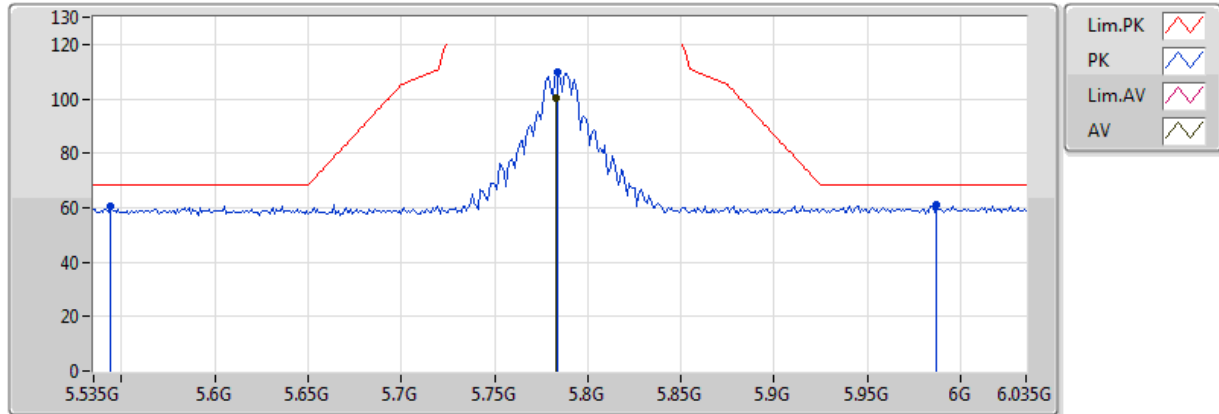
20180129
EUT Y_2TX
Setting 3A
02-R-5
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	11.4893G	49.50	54.00	-4.50	15.44	3	Horizontal	265	1.50					
PK	11.4845G	63.43	74.00	-10.57	15.43	3	Horizontal	265	1.50					

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

29/01/2018



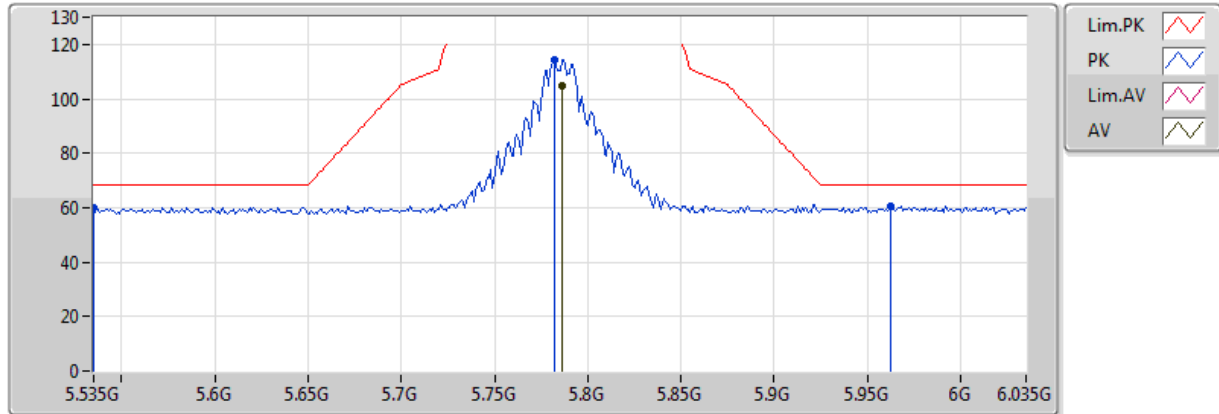
20180129
EUT_Y_2TX
Setting 3A
02-R-5-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.783G	100.53	Inf	-Inf	10.72	3	Vertical	300	2.05					
PK	5.544G	60.63	68.20	-7.57	10.76	3	Vertical	300	2.05					
PK	5.784G	110.03	Inf	-Inf	10.72	3	Vertical	300	2.05					
PK	5.987G	61.08	68.20	-7.12	11.24	3	Vertical	300	2.05					

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

29/01/2018



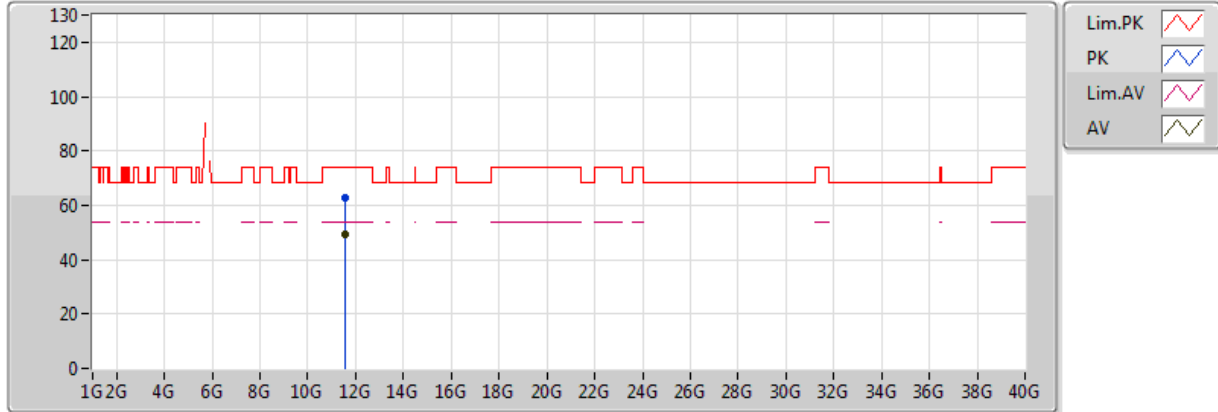
20180129
EUT_Y_2TX
Setting 3A
02-R-5-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.786G	105.02	Inf	-Inf	10.72	3	Horizontal	150	1.50					
PK	5.535G	59.95	68.20	-8.25	10.80	3	Horizontal	150	1.50					
PK	5.782G	114.18	Inf	-Inf	10.71	3	Horizontal	150	1.50					
PK	5.962G	60.65	68.20	-7.55	11.17	3	Horizontal	150	1.50					

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

29/01/2018



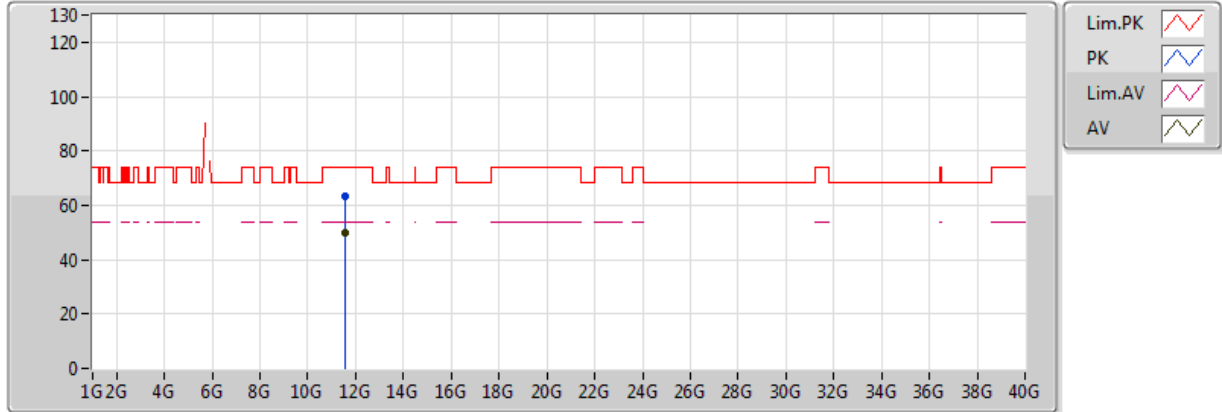
20180129
EUT Y_2TX
Setting 3A
02-R-5
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	11.5714G	49.51	54.00	-4.49	15.55	3	Vertical	308	1.72					
PK	11.5708G	62.54	74.00	-11.46	15.55	3	Vertical	308	1.72					

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

29/01/2018



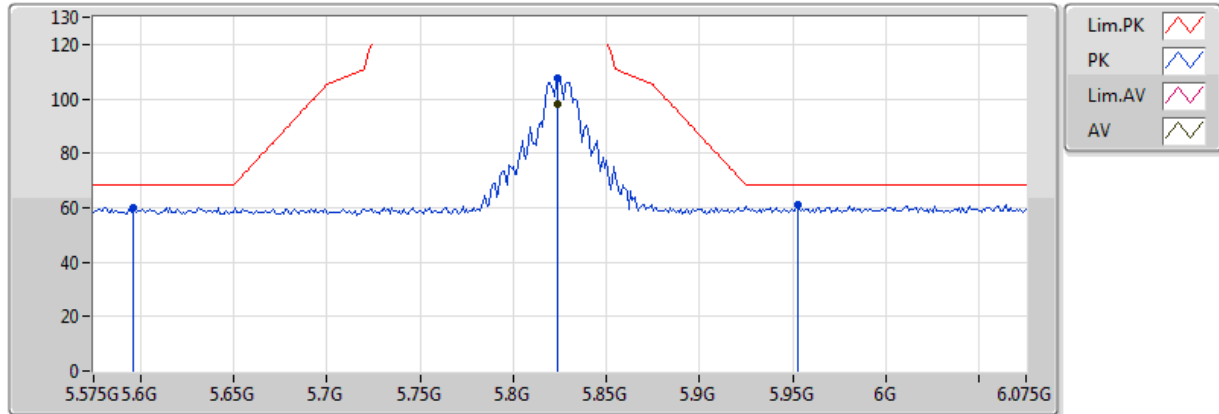
20180129
EUT Y_2TX
Setting 3A
02-R-5
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	11.5716G	49.66	54.00	-4.34	15.55	3	Horizontal	209	1.72					
PK	11.5667G	63.09	74.00	-10.91	15.55	3	Horizontal	209	1.72					

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

29/01/2018



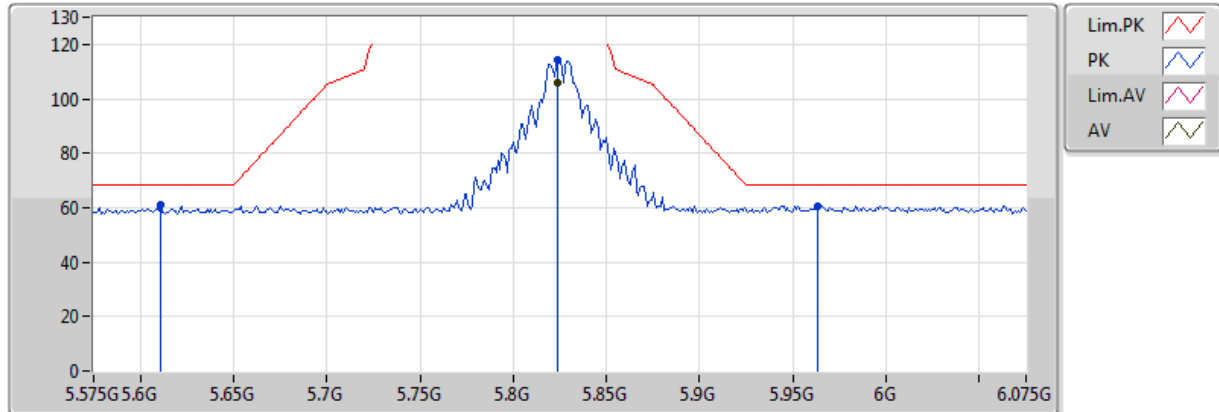
20180129
EUT_Y_2TX
Setting 3A
02-R-5-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.824G	98.13	Inf	-Inf	10.80	3	Vertical	156	1.50					
PK	5.596G	59.99	68.20	-8.21	10.52	3	Vertical	156	1.50					
PK	5.824G	107.31	Inf	-Inf	10.80	3	Vertical	156	1.50					
PK	5.953G	61.11	68.20	-7.09	11.15	3	Vertical	156	1.50					

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

29/01/2018



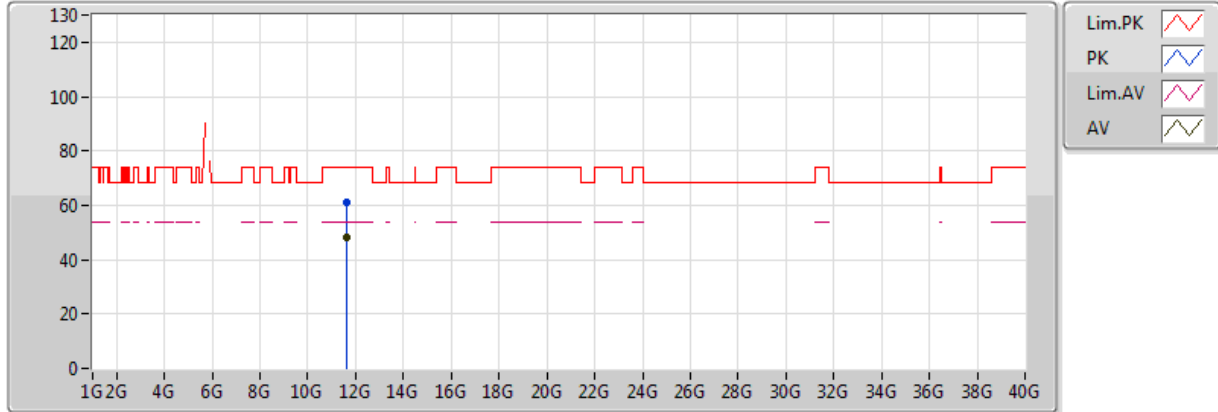
20180129
EUT_Y_2TX
Setting 3A
02-R-5-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.824G	105.91	Inf	-Inf	10.80	3	Horizontal	104	1.83					
PK	5.611G	61.15	68.20	-7.05	10.51	3	Horizontal	104	1.83					
PK	5.824G	114.48	Inf	-Inf	10.80	3	Horizontal	104	1.83					
PK	5.963G	60.77	68.20	-7.43	11.17	3	Horizontal	104	1.83					

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

29/01/2018



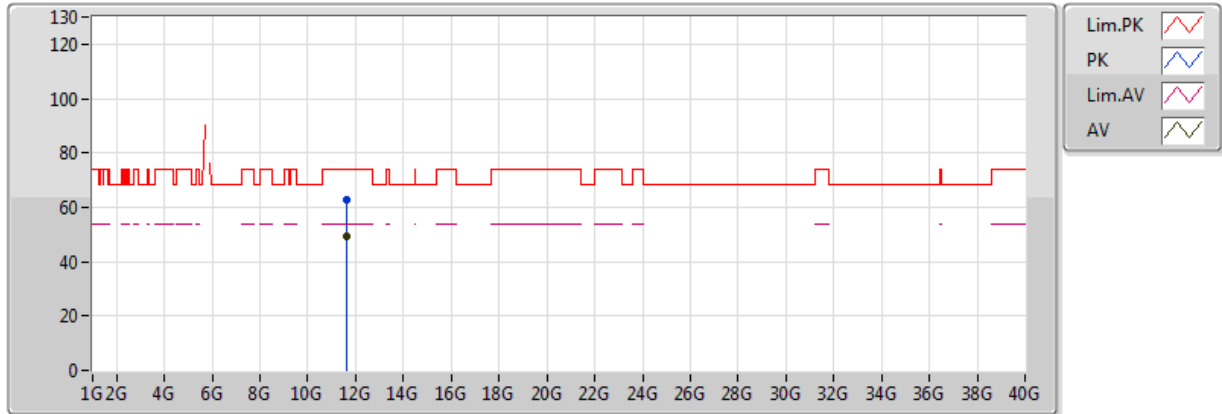
20180129
EUT Y_2TX
Setting 3A
02-R-5
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	11.6495G	48.05	54.00	-5.95	15.66	3	Vertical	284	1.57					
PK	11.6492G	61.26	74.00	-12.74	15.66	3	Vertical	284	1.57					

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

29/01/2018



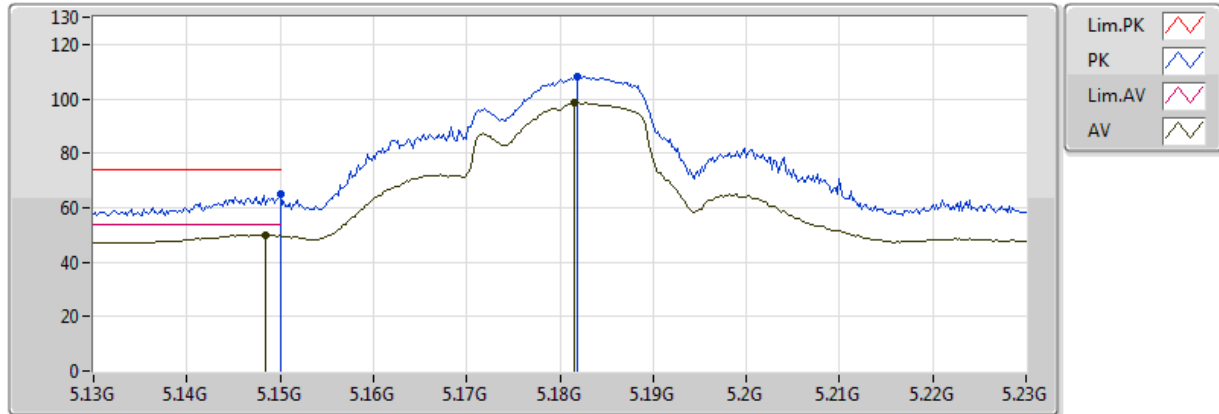
20180129
EUT Y_2TX
Setting 3A
02-R-5
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	11.6502G	49.10	54.00	-4.90	15.66	3	Horizontal	172	1.50					
PK	11.6497G	62.91	74.00	-11.09	15.66	3	Horizontal	172	1.50					

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

29/01/2018



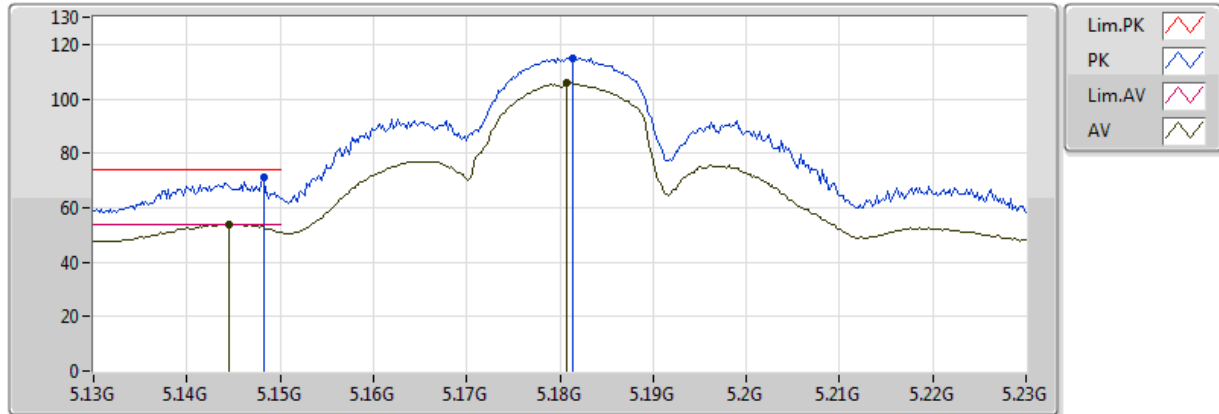
20180129
EUT Y_2TX
Setting 28
02-R-5-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.1484G	50.11	54.00	-3.89	9.90	3	Vertical	65	1.50					
AV	5.1816G	98.38	Inf	-Inf	9.98	3	Vertical	65	1.50					
PK	5.149995G	64.94	74.00	-9.06	9.90	3	Vertical	65	1.50					
PK	5.1818G	108.09	Inf	-Inf	9.98	3	Vertical	65	1.50					

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

29/01/2018



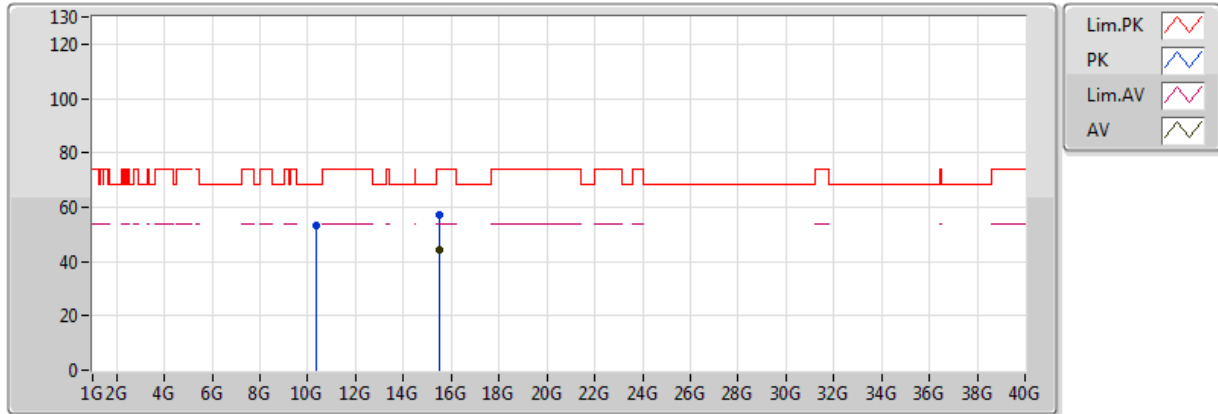
20180129
EUT_Y_2TX
Setting 28
02-R-5-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.1446G	53.98	54.00	-0.02	9.89	3	Horizontal	84	1.82					
AV	5.1808G	105.73	Inf	-Inf	9.97	3	Horizontal	84	1.82					
PK	5.1482G	71.34	74.00	-2.66	9.90	3	Horizontal	84	1.82					
PK	5.1814G	115.01	Inf	-Inf	9.98	3	Horizontal	84	1.82					

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

29/01/2018



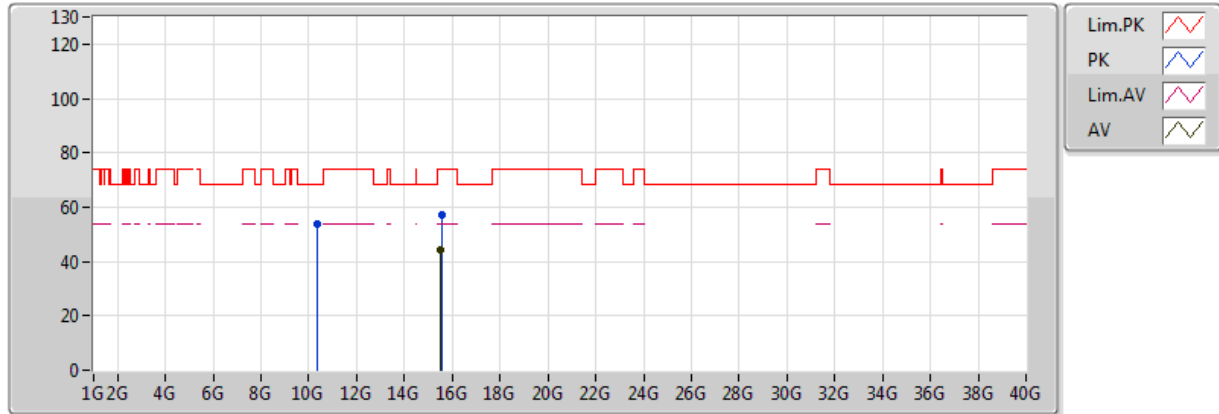
20180129
EUT Y_2TX
Setting 28
02-R-5
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	15.5254G	44.21	54.00	-9.79	18.70	3	Vertical	190	1.20					
PK	10.3524G	53.45	68.20	-14.75	14.71	3	Vertical	314	1.44					
PK	15.522G	57.38	74.00	-16.62	18.71	3	Vertical	190	1.20					

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

29/01/2018



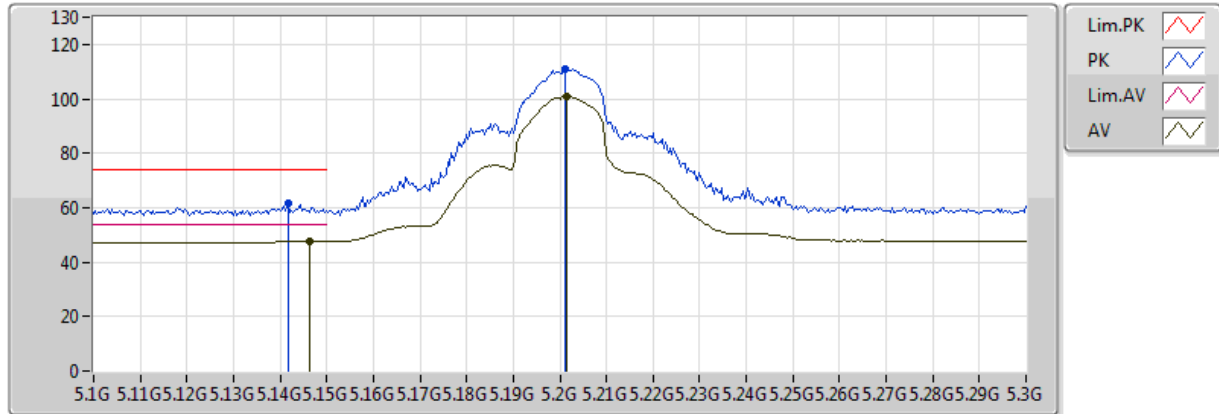
20180129
EUT_Y_2TX
Setting 28
02-R-5
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	15.5305G	44.18	54.00	-9.82	18.69	3	Horizontal	141	1.01					
PK	10.3677G	53.62	68.20	-14.58	14.71	3	Horizontal	357	1.48					
PK	15.5443G	57.40	74.00	-16.60	18.67	3	Horizontal	141	1.01					

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

30/01/2018



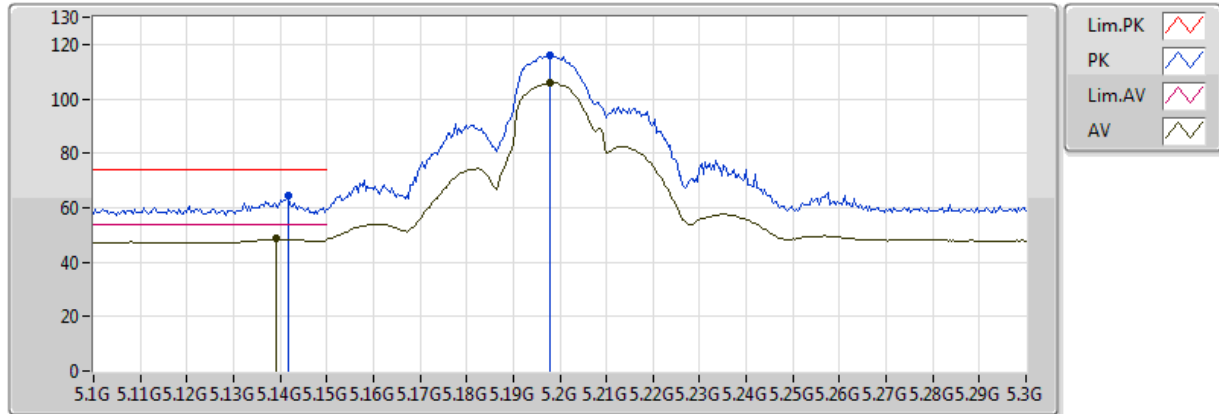
20180130
EUT_Y_2TX
Setting 3A
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.1464G	47.76	54.00	-6.24	9.89	3	Vertical	335	1.87					
AV	5.2016G	101.03	Inf	-Inf	10.03	3	Vertical	335	1.87					
PK	5.1416G	61.85	74.00	-12.15	9.88	3	Vertical	335	1.87					
PK	5.2012G	111.17	Inf	-Inf	10.03	3	Vertical	335	1.87					

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

30/01/2018



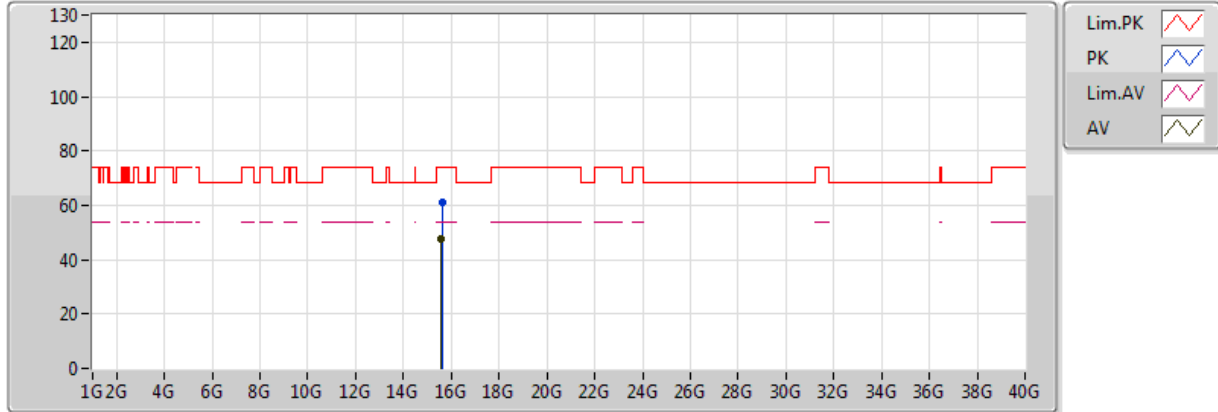
20180130
EUT_Y_2TX
Setting 3A
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.1392G	48.49	54.00	-5.51	9.87	3	Horizontal	170	1.72					
AV	5.198G	106.02	Inf	-Inf	10.02	3	Horizontal	170	1.72					
PK	5.1416G	64.67	74.00	-9.33	9.88	3	Horizontal	170	1.72					
PK	5.198G	116.01	Inf	-Inf	10.02	3	Horizontal	170	1.72					

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

30/01/2018



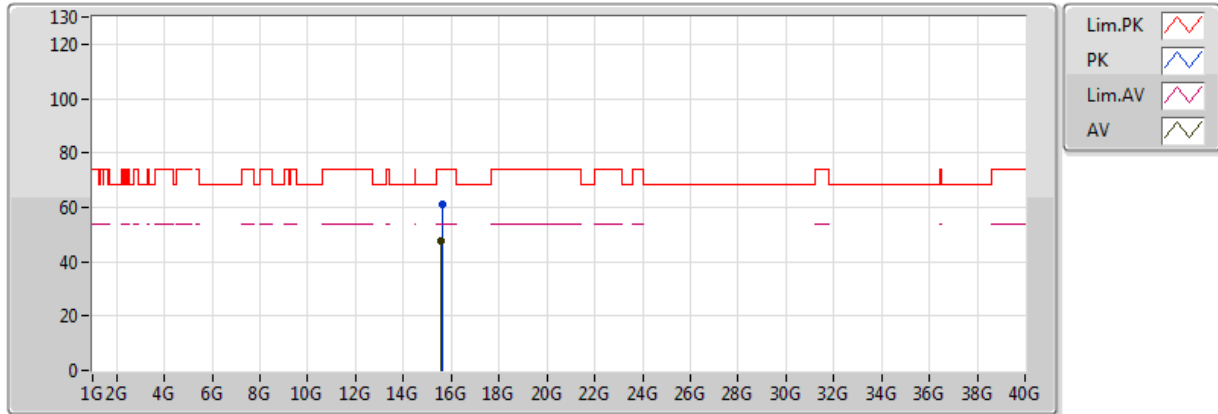
20180130
EUT Y_2TX
Setting 3A
02-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	15.59022G	47.40	54.00	-6.60	18.59	3	Vertical	228	1.12					
PK	15.60366G	60.97	74.00	-13.03	18.57	3	Vertical	228	1.12					

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

30/01/2018



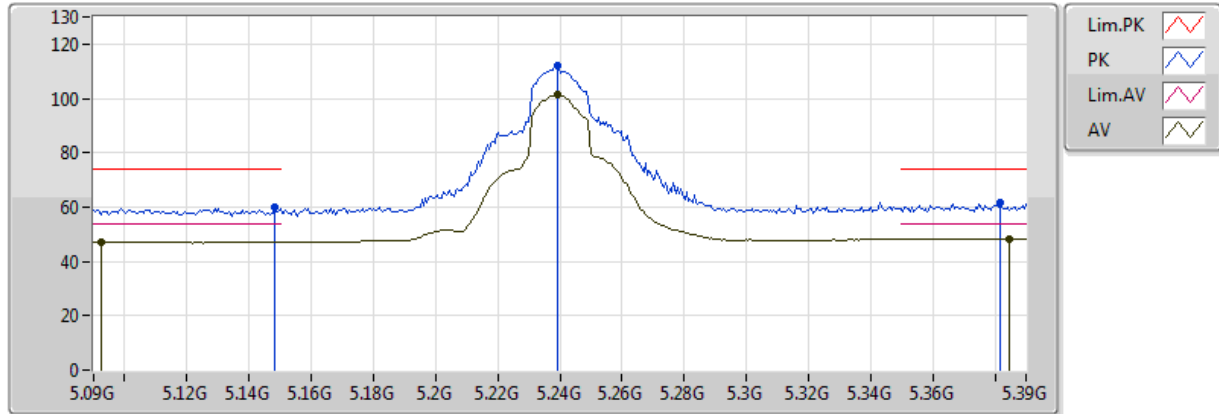
20180130
EUT_Y_2TX
Setting 3A
02-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	15.58896G	47.36	54.00	-6.64	18.60	3	Horizontal	187	2.40					
PK	15.61098G	61.21	74.00	-12.79	18.56	3	Horizontal	187	2.40					

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

30/01/2018



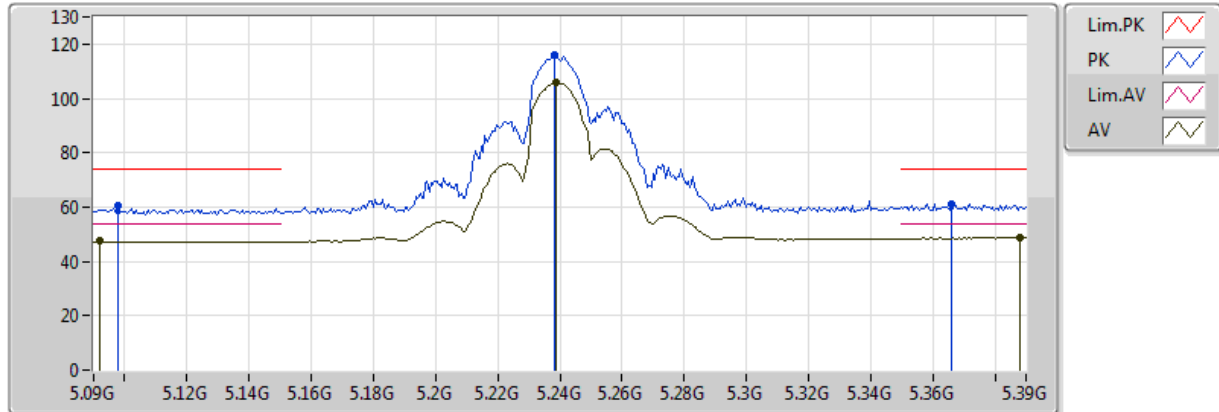
20180130
EUT_Y_2TX
Setting 3A
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.0924G	47.20	54.00	-6.80	9.76	3	Vertical	170	2.30					
AV	5.2394G	101.31	Inf	-Inf	10.26	3	Vertical	170	2.30					
AV	5.3846G	48.46	54.00	-5.54	11.16	3	Vertical	170	2.30					
PK	5.1482G	60.01	74.00	-13.99	9.90	3	Vertical	170	2.30					
PK	5.2394G	111.81	Inf	-Inf	10.26	3	Vertical	170	2.30					
PK	5.3816G	61.70	74.00	-12.30	11.15	3	Vertical	170	2.30					

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

30/01/2018



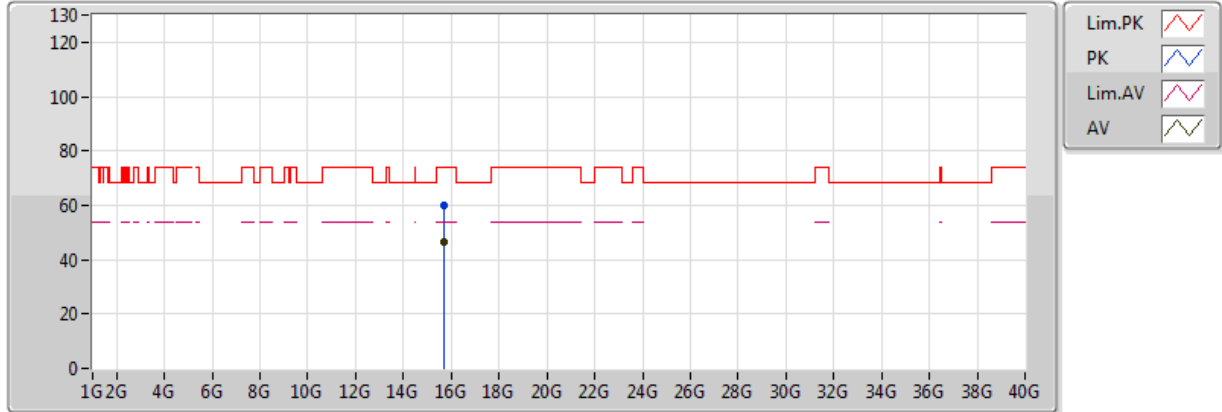
20180130
EUT_Y_2TX
Setting 3A
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.0918G	47.35	54.00	-6.65	9.76	3	Horizontal	170	1.90					
AV	5.2388G	105.94	Inf	-Inf	10.26	3	Horizontal	170	1.90					
AV	5.3882G	48.73	54.00	-5.27	11.19	3	Horizontal	170	1.90					
PK	5.0978G	60.47	74.00	-13.53	9.77	3	Horizontal	170	1.90					
PK	5.2382G	115.79	Inf	-Inf	10.26	3	Horizontal	170	1.90					
PK	5.366G	61.07	74.00	-12.93	11.05	3	Horizontal	170	1.90					

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

30/01/2018



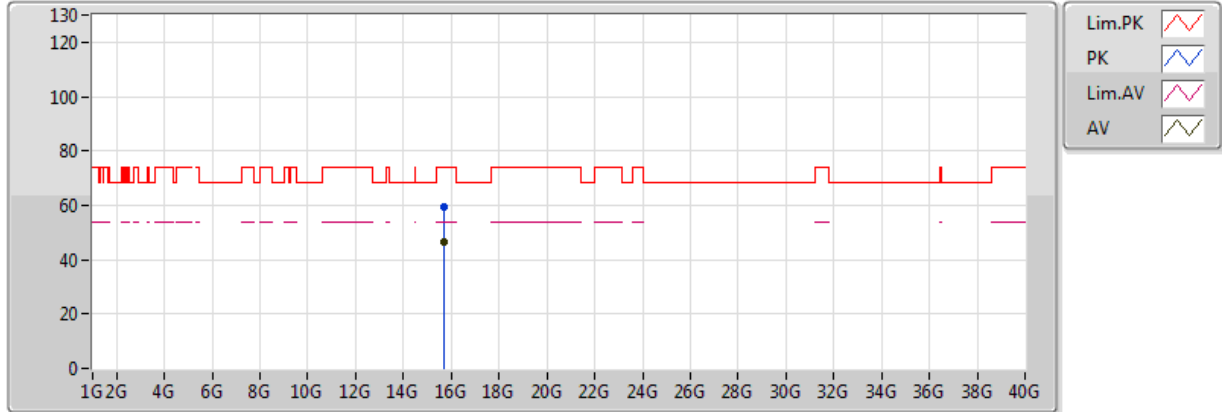
20180130
EUT Y_2TX
Setting 3A
02-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	15.72366G	46.27	54.00	-7.73	18.37	3	Vertical	272	1.90					
PK	15.71598G	59.97	74.00	-14.03	18.38	3	Vertical	272	1.90					

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

30/01/2018



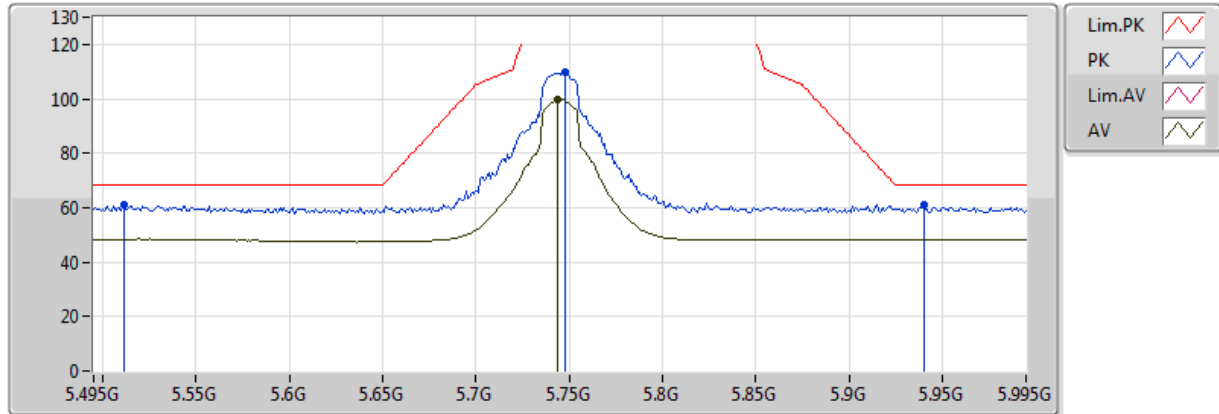
20180130
EUT_Y_2TX
Setting 3A
02-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	15.71136G	46.26	54.00	-7.74	18.39	3	Horizontal	52	1.49					
PK	15.71766G	59.62	74.00	-14.38	18.38	3	Horizontal	52	1.49					

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

31/01/2018



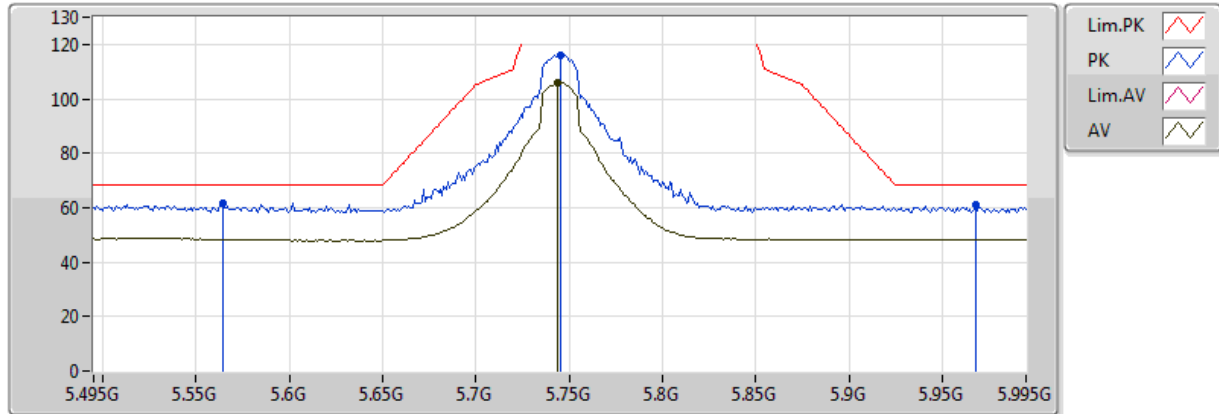
20180130
EUT_Y_2TX
Setting 3A
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.744G	100.02	Inf	-Inf	10.66	3	Vertical	325	1.88					
PK	5.511G	61.19	68.20	-7.01	10.91	3	Vertical	325	1.88					
PK	5.748G	109.62	Inf	-Inf	10.67	3	Vertical	325	1.88					
PK	5.94G	60.97	68.20	-7.23	11.11	3	Vertical	325	1.88					

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

31/01/2018



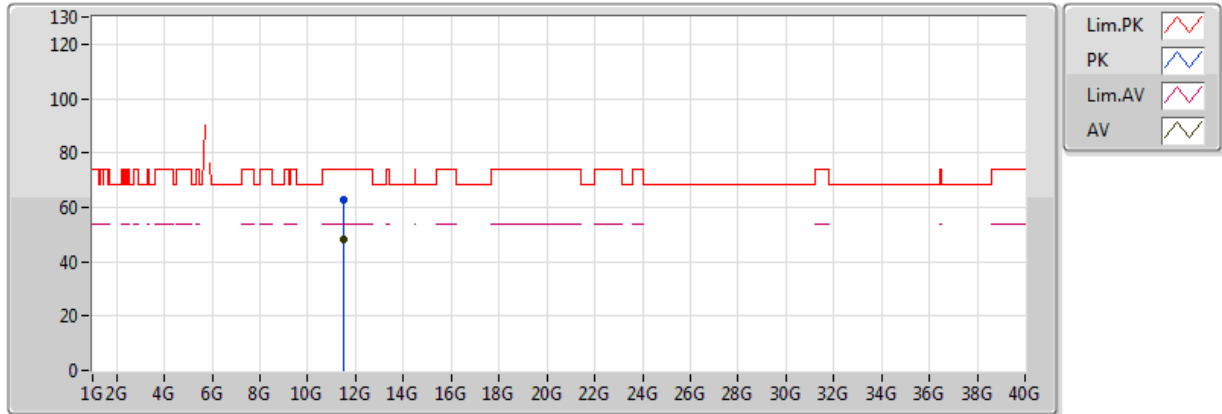
20180130
EUT_Y_2TX
Setting 3A
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.744G	106.03	Inf	-Inf	10.66	3	Horizontal	160	1.61					
PK	5.564G	61.68	68.20	-6.52	10.67	3	Horizontal	160	1.61					
PK	5.745G	116.05	Inf	-Inf	10.66	3	Horizontal	160	1.61					
PK	5.968G	61.05	68.20	-7.15	11.19	3	Horizontal	160	1.61					

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

31/01/2018



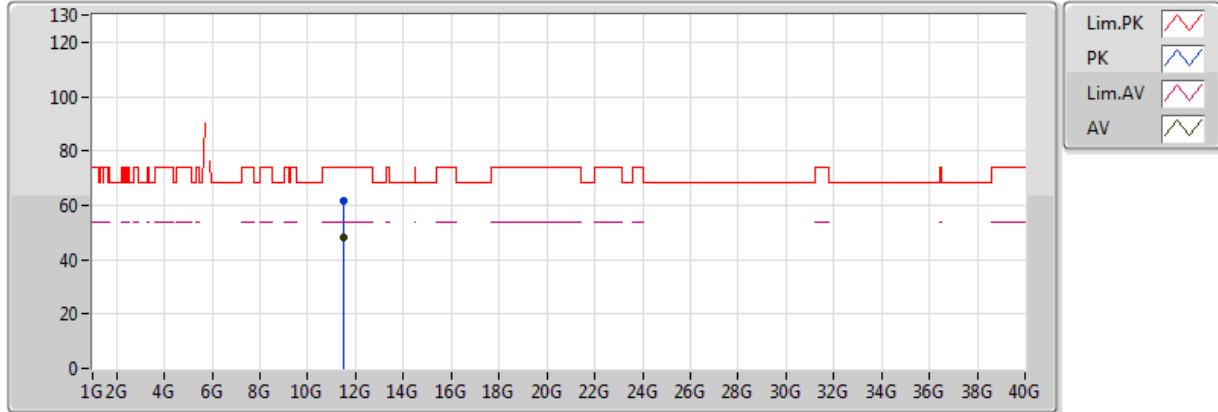
20180130
EUT_Y_2TX
Setting 3A
02-J-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.489G	48.25	54.00	-5.75	15.44	3	Vertical	327	1.71					
PK	11.4919G	62.58	74.00	-11.42	15.44	3	Vertical	327	1.71					

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

31/01/2018



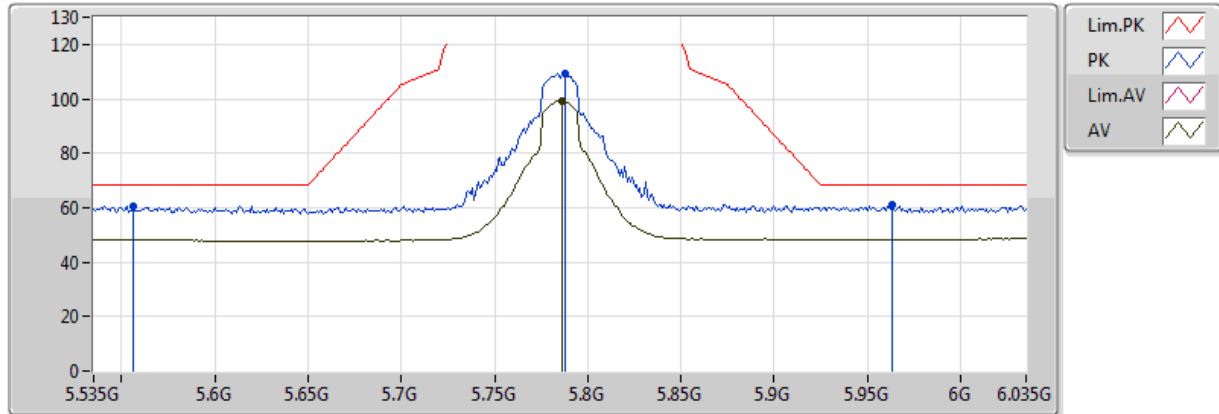
20180130
EUT_Y_2TX
Setting 3A
02-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	11.4931G	48.28	54.00	-5.72	15.45	3	Horizontal	201	2.22					
PK	11.4915G	61.91	74.00	-12.09	15.44	3	Horizontal	201	2.22					

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

31/01/2018



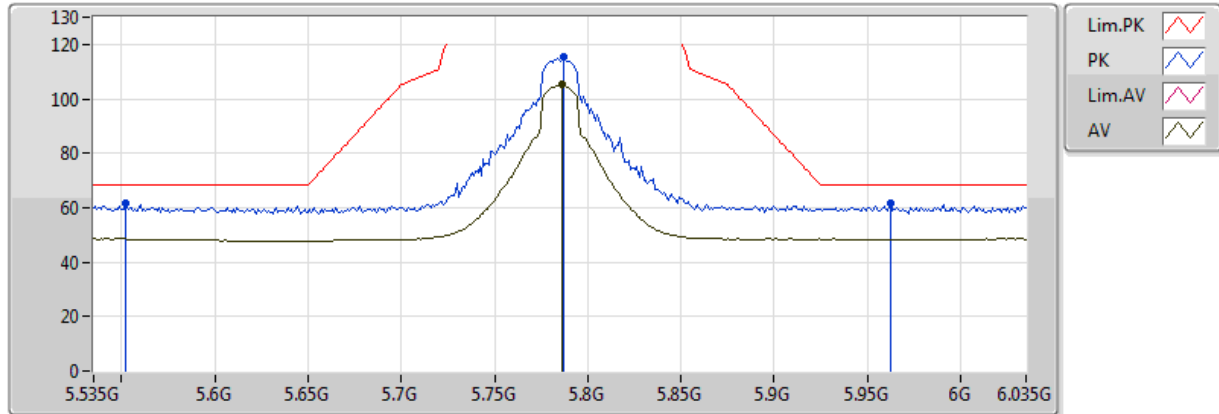
20180130
EUT_Y_2TX
Setting 3A
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.786G	99.35	Inf	-Inf	10.72	3	Vertical	310	1.86					
PK	5.556G	60.63	68.20	-7.57	10.70	3	Vertical	310	1.86					
PK	5.788G	109.08	Inf	-Inf	10.72	3	Vertical	310	1.86					
PK	5.963G	61.00	68.20	-7.20	11.17	3	Vertical	310	1.86					

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

31/01/2018



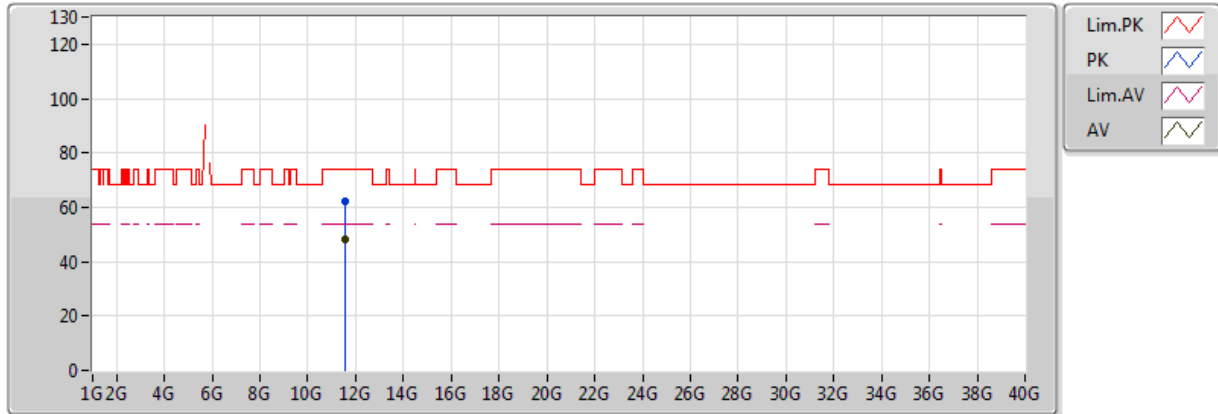
20180130
EUT_Y_2TX
Setting 3A
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.786G	105.16	Inf	-Inf	10.72	3	Horizontal	156	1.74					
PK	5.552G	61.70	68.20	-6.50	10.72	3	Horizontal	156	1.74					
PK	5.787G	115.29	Inf	-Inf	10.72	3	Horizontal	156	1.74					
PK	5.962G	61.51	68.20	-6.69	11.17	3	Horizontal	156	1.74					

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

31/01/2018



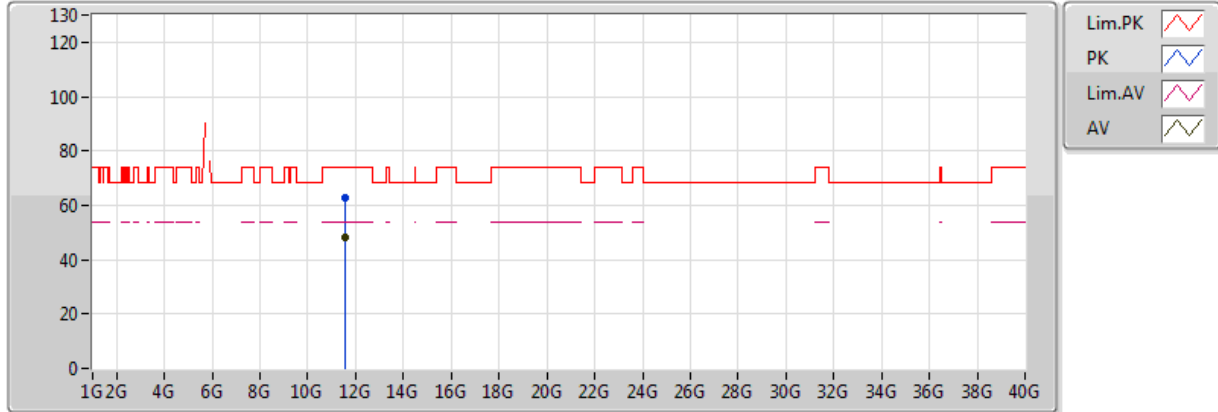
20180130
EUT_Y_2TX
Setting 3A
02-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	11.5719G	48.09	54.00	-5.91	15.55	3	Vertical	342	1.01					
PK	11.5698G	62.05	74.00	-11.95	15.55	3	Vertical	342	1.01					

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

31/01/2018



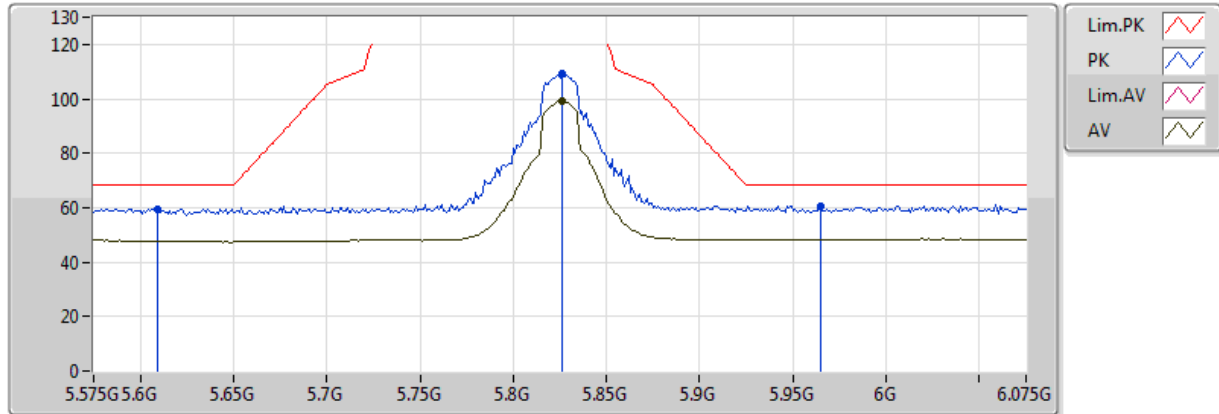
20180130
EUT_Y_2TX
Setting 3A
02-J-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.5664G	48.01	54.00	-5.99	15.55	3	Horizontal	228	2.19					
PK	11.5654G	62.85	74.00	-11.15	15.54	3	Horizontal	228	2.19					

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

31/01/2018



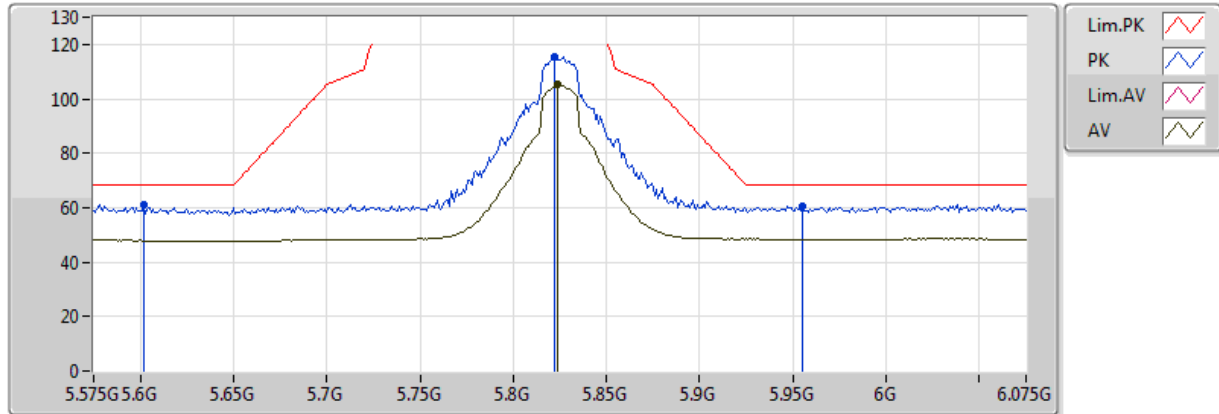
20180130
EUT_Y_2TX
Setting 3A
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.826G	99.23	Inf	-Inf	10.81	3	Vertical	212	1.69					
PK	5.609G	59.62	68.20	-8.58	10.51	3	Vertical	212	1.69					
PK	5.826G	109.44	Inf	-Inf	10.81	3	Vertical	212	1.69					
PK	5.965G	60.69	68.20	-7.51	11.18	3	Vertical	212	1.69					

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

31/01/2018



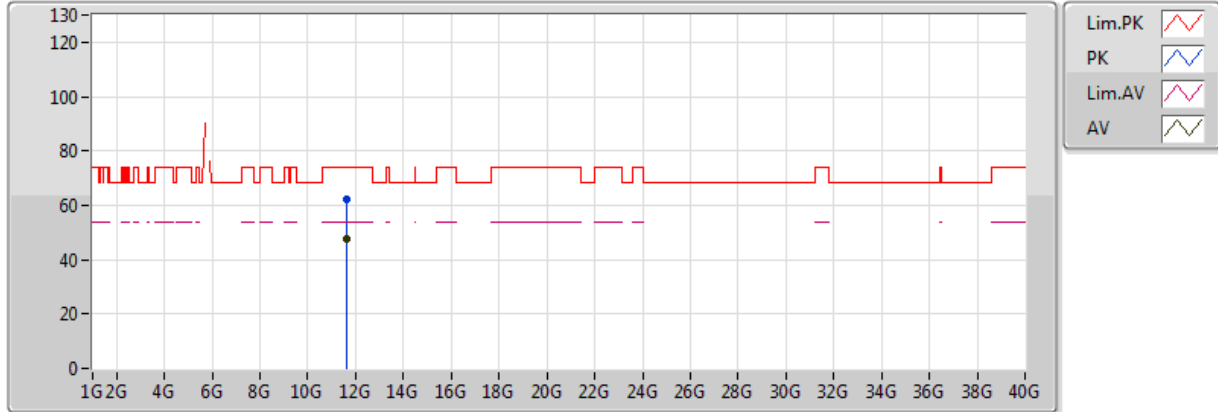
20180130
EUT_Y_2TX
Setting 3A
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.824G	105.15	Inf	-Inf	10.80	3	Horizontal	143	1.75					
PK	5.602G	61.13	68.20	-7.07	10.50	3	Horizontal	143	1.75					
PK	5.822G	115.38	Inf	-Inf	10.80	3	Horizontal	143	1.75					
PK	5.955G	60.39	68.20	-7.81	11.15	3	Horizontal	143	1.75					

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

31/01/2018



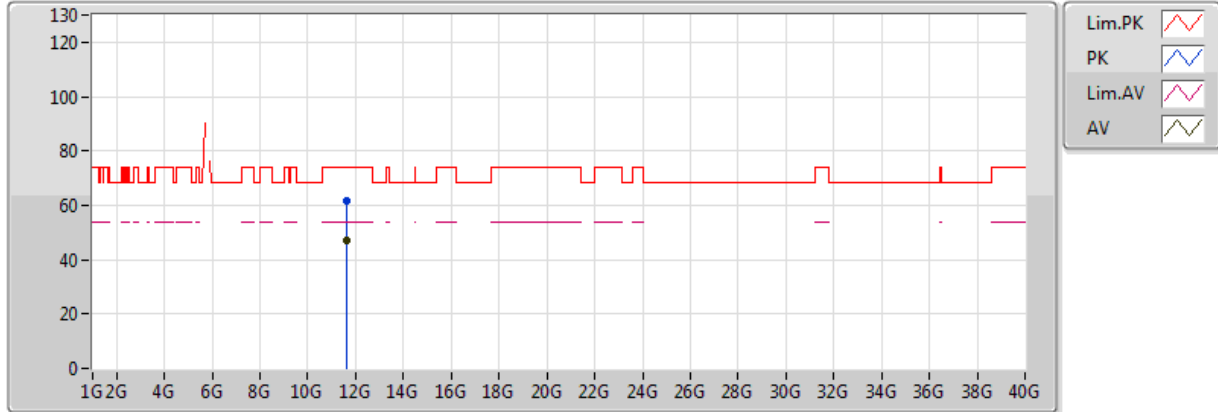
20180130
EUT Y_2TX
Setting 3A
02-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	11.6494G	47.81	54.00	-6.19	15.66	3	Vertical	308	2.49					
PK	11.6513G	62.14	74.00	-11.86	15.66	3	Vertical	308	2.49					

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

31/01/2018



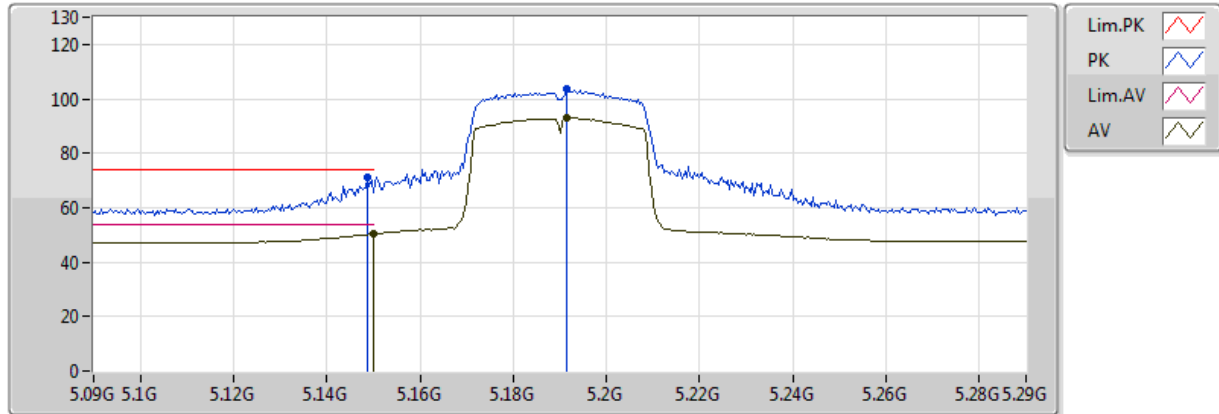
20180130
EUT_Y_2TX
Setting 3A
02-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	11.6489G	47.07	54.00	-6.93	15.66	3	Horizontal	340	1.01					
PK	11.6503G	61.65	74.00	-12.35	15.66	3	Horizontal	340	1.01					

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

31/01/2018



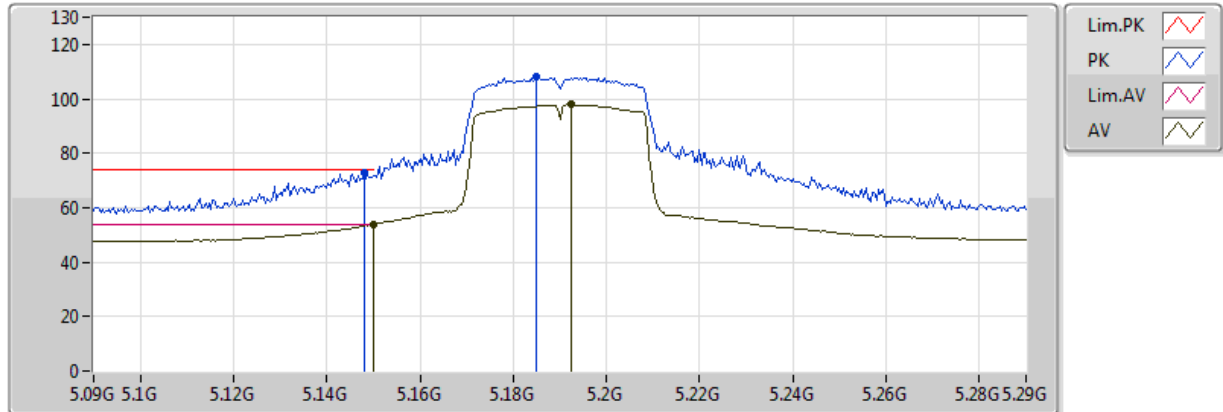
20180130
EUT_Y_2TX
Setting 24
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.149995G	50.44	54.00	-3.56	9.90	3	Vertical	340	1.50					
AV	5.1916G	92.96	Inf	-Inf	10.00	3	Vertical	340	1.50					
PK	5.1488G	71.26	74.00	-2.74	9.90	3	Vertical	340	1.50					
PK	5.1916G	103.69	Inf	-Inf	10.00	3	Vertical	340	1.50					

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

31/01/2018



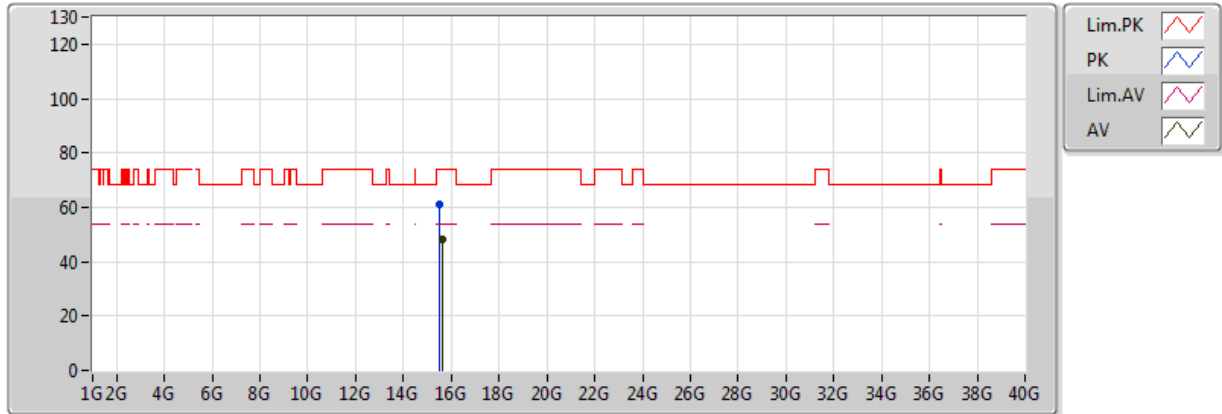
20180130
EUT_Y_2TX
Setting 24
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.149995G	53.95	54.00	-0.05	9.90	3	Horizontal	177	1.79					
AV	5.1924G	97.85	Inf	-Inf	10.00	3	Horizontal	177	1.79					
PK	5.148G	72.98	74.00	-1.02	9.90	3	Horizontal	177	1.79					
PK	5.1848G	107.89	Inf	-Inf	9.98	3	Horizontal	177	1.79					

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

31/01/2018



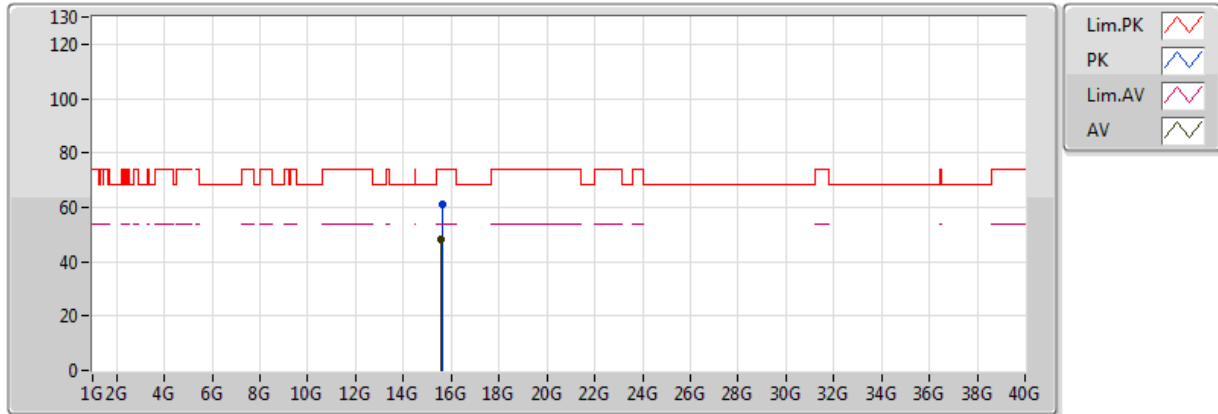
20180130
EUT Y_2TX
Setting 24
02-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	15.6028G	48.22	54.00	-5.78	18.57	3	Vertical	262	1.20					
PK	15.5262G	61.02	74.00	-12.98	18.70	3	Vertical	262	1.20					

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

31/01/2018



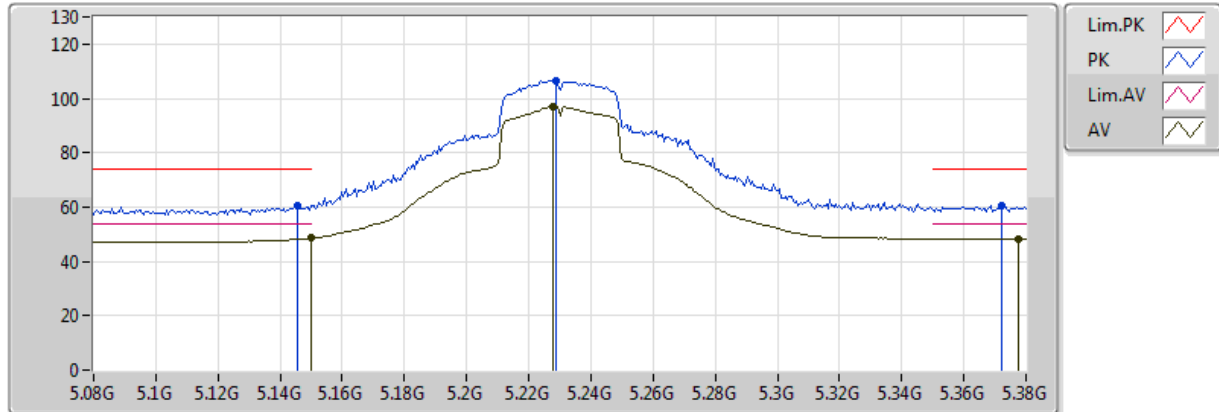
20180130
EUT Y_2TX
Setting 24
02-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	15.601G	48.00	54.00	-6.00	18.58	3	Horizontal	131	1.95					
PK	15.6074G	61.06	74.00	-12.94	18.57	3	Horizontal	131	1.95					

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

31/01/2018



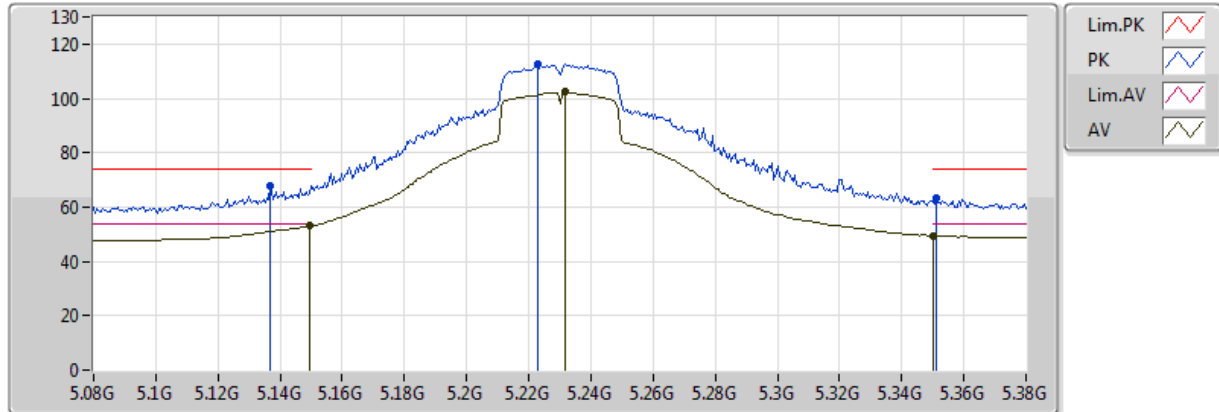
20180130
EUT_Y_2TX
Setting 3A
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.149995G	48.56	54.00	-5.44	9.90	3	Vertical	319	1.76					
AV	5.2276G	96.92	Inf	-Inf	10.19	3	Vertical	319	1.76					
AV	5.3776G	48.39	54.00	-5.61	11.12	3	Vertical	319	1.76					
PK	5.1454G	60.50	74.00	-13.50	9.89	3	Vertical	319	1.76					
PK	5.2288G	106.69	Inf	-Inf	10.20	3	Vertical	319	1.76					
PK	5.3722G	60.74	74.00	-13.26	11.09	3	Vertical	319	1.76					

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

31/01/2018



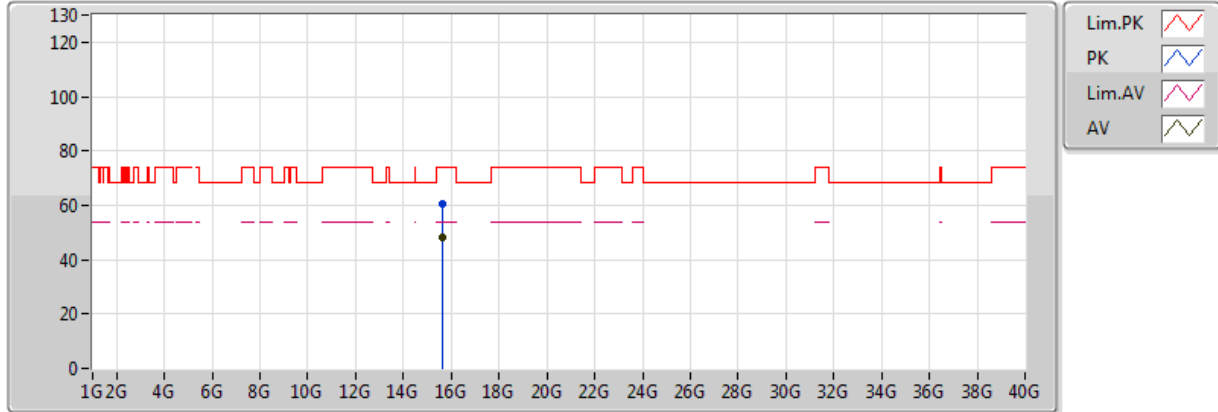
20180130
EUT_Y_2TX
Setting 3A
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.1496G	53.04	54.00	-0.96	9.90	3	Horizontal	173	1.70					
AV	5.2318G	102.28	Inf	-Inf	10.22	3	Horizontal	173	1.70					
AV	5.350005G	49.44	54.00	-4.56	10.95	3	Horizontal	173	1.70					
PK	5.137G	67.73	74.00	-6.27	9.87	3	Horizontal	173	1.70					
PK	5.2228G	112.90	Inf	-Inf	10.16	3	Horizontal	173	1.70					
PK	5.3512G	63.55	74.00	-10.45	10.96	3	Horizontal	173	1.70					

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

31/01/2018



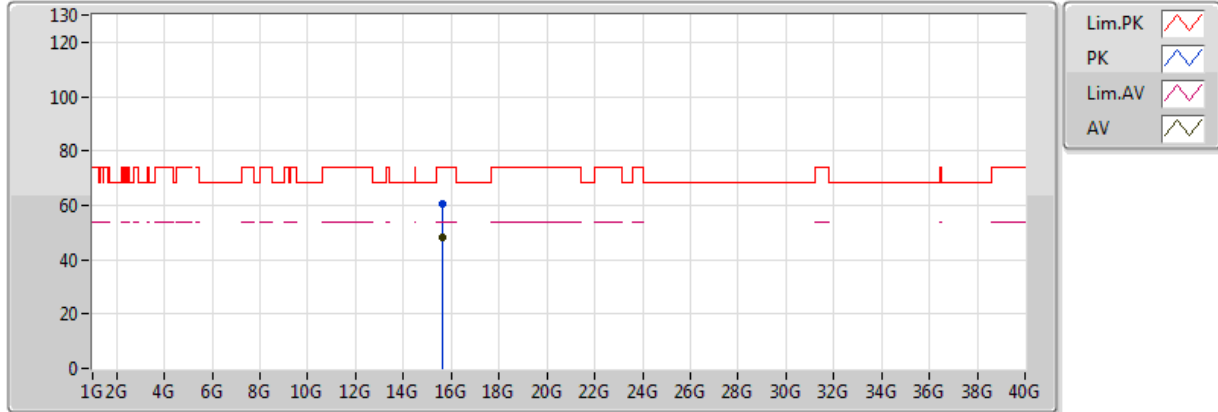
20180130
EUT_Y_2TX
Setting 3A
02-J-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	15.6428G	48.07	54.00	-5.93	18.51	3	Vertical	181	2.13					
PK	15.6584G	60.44	74.00	-13.56	18.48	3	Vertical	181	2.13					

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

31/01/2018



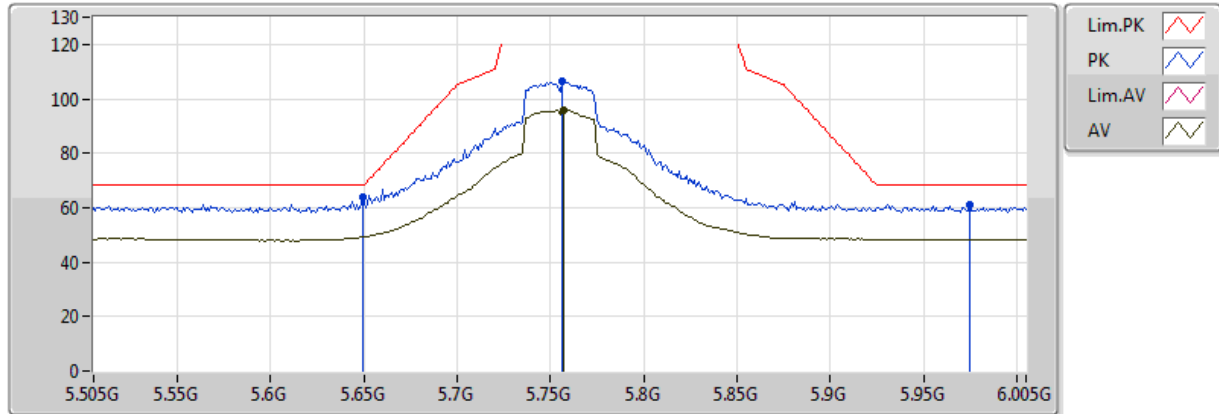
20180130
EUT Y_2TX
Setting 3A
02-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	15.6488G	48.12	54.00	-5.88	18.50	3	Horizontal	339	2.29					
PK	15.663G	60.79	74.00	-13.21	18.47	3	Horizontal	339	2.29					

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

31/01/2018



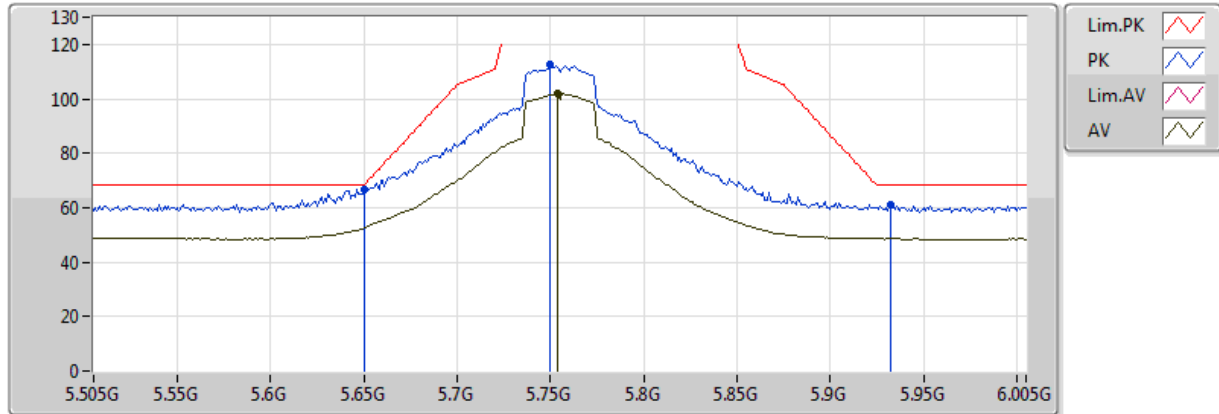
20180130
EUT_Y_2TX
Setting 3A
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.757G	96.08	Inf	-Inf	10.68	3	Vertical	215	1.70					
PK	5.649G	63.94	68.20	-4.26	10.55	3	Vertical	215	1.70					
PK	5.756G	106.43	Inf	-Inf	10.68	3	Vertical	215	1.70					
PK	5.975G	60.94	68.20	-7.26	11.20	3	Vertical	215	1.70					

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

31/01/2018



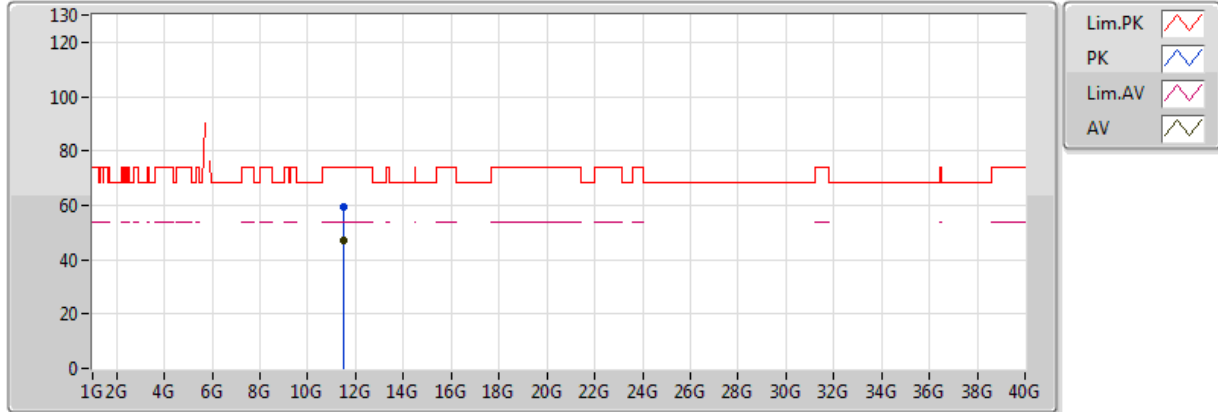
20180130
EUT_Y_2TX
Setting 3A
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.754G	101.94	Inf	-Inf	10.68	3	Horizontal	147	1.76					
PK	5.65G	66.73	68.20	-1.47	10.55	3	Horizontal	147	1.76					
PK	5.75G	112.43	Inf	-Inf	10.67	3	Horizontal	147	1.76					
PK	5.932G	60.85	68.20	-7.35	11.09	3	Horizontal	147	1.76					

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

31/01/2018



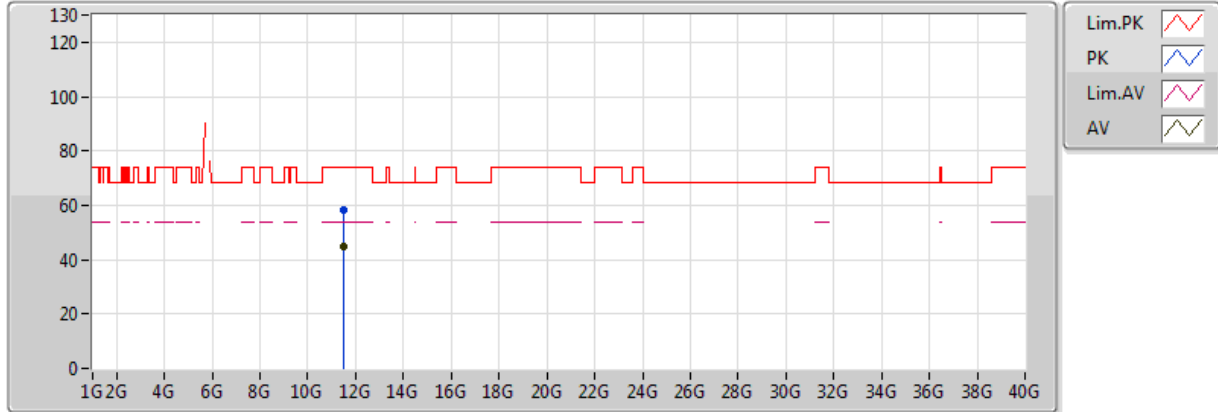
20180130
EUT Y_2TX
Setting 3A
02-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	11.51G	46.83	54.00	-7.17	15.47	3	Vertical	341	1.74					
PK	11.5134G	59.53	74.00	-14.47	15.47	3	Vertical	341	1.74					

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

31/01/2018



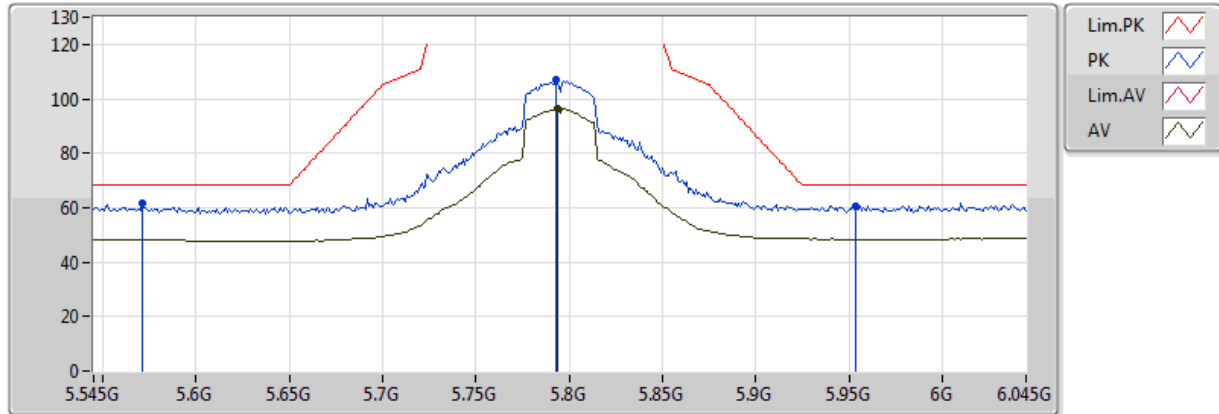
20180130
EUT_Y_2TX
Setting 3A
02-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	11.5078G	44.74	54.00	-9.26	15.47	3	Horizontal	222	1.44					
PK	11.5104G	58.07	74.00	-15.93	15.47	3	Horizontal	222	1.44					

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

31/01/2018



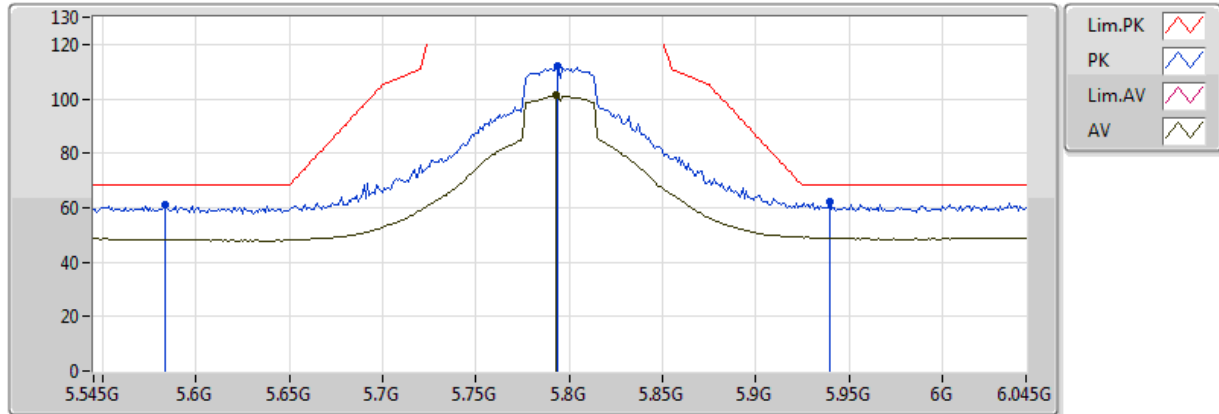
20180130
EUT_Y_2TX
Setting 3A
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.794G	96.43	Inf	-Inf	10.73	3	Vertical	219	1.63					
PK	5.571G	61.89	68.20	-6.31	10.63	3	Vertical	219	1.63					
PK	5.793G	106.85	Inf	-Inf	10.73	3	Vertical	219	1.63					
PK	5.954G	60.66	68.20	-7.54	11.15	3	Vertical	219	1.63					

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

31/01/2018



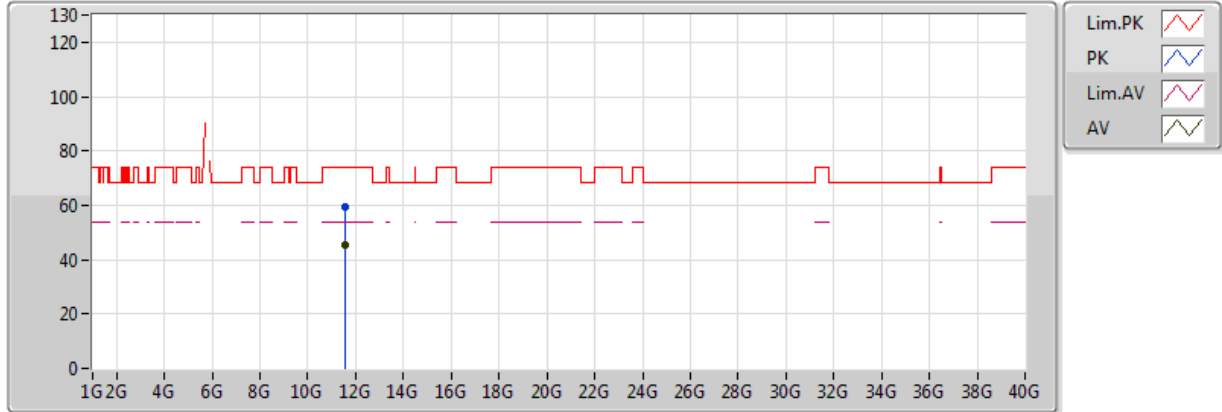
20180130
EUT_Y_2TX
Setting 3A
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.793G	101.18	Inf	-Inf	10.73	3	Horizontal	146	1.75					
PK	5.583G	60.88	68.20	-7.32	10.58	3	Horizontal	146	1.75					
PK	5.794G	111.88	Inf	-Inf	10.73	3	Horizontal	146	1.75					
PK	5.94G	62.20	68.20	-6.00	11.11	3	Horizontal	146	1.75					

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

31/01/2018



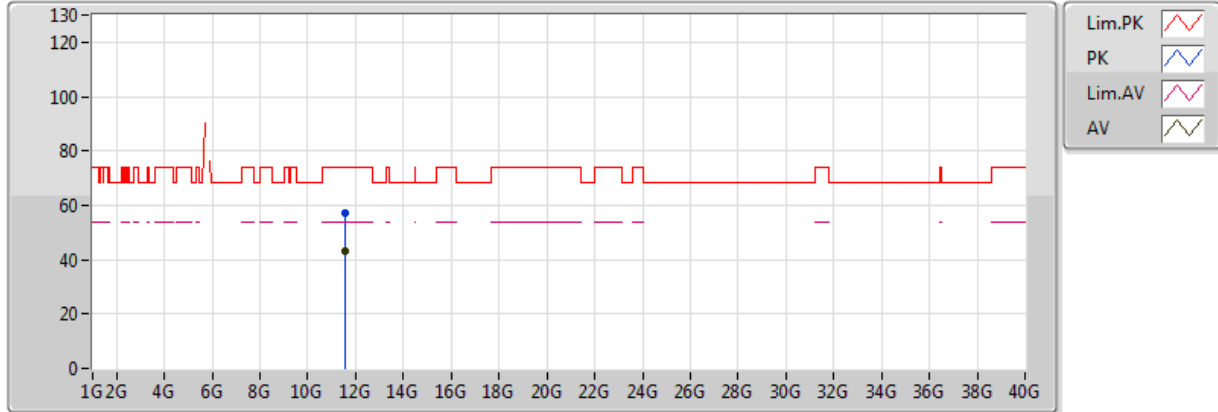
20180130
EUT_Y_2TX
Setting 3A
02-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	11.59G	45.57	54.00	-8.43	15.58	3	Vertical	342	1.72					
PK	11.5876G	59.27	74.00	-14.73	15.58	3	Vertical	342	1.72					

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

31/01/2018



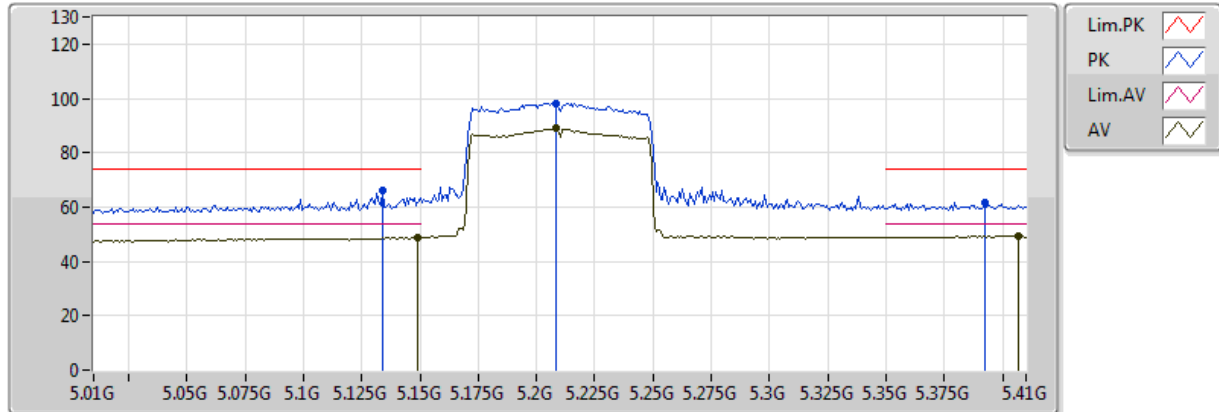
20180130
EUT_Y_2TX
Setting 3A
02-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	11.5884G	43.32	54.00	-10.68	15.58	3	Horizontal	219	1.54					
PK	11.5898G	56.91	74.00	-17.09	15.58	3	Horizontal	219	1.54					

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

31/01/2018



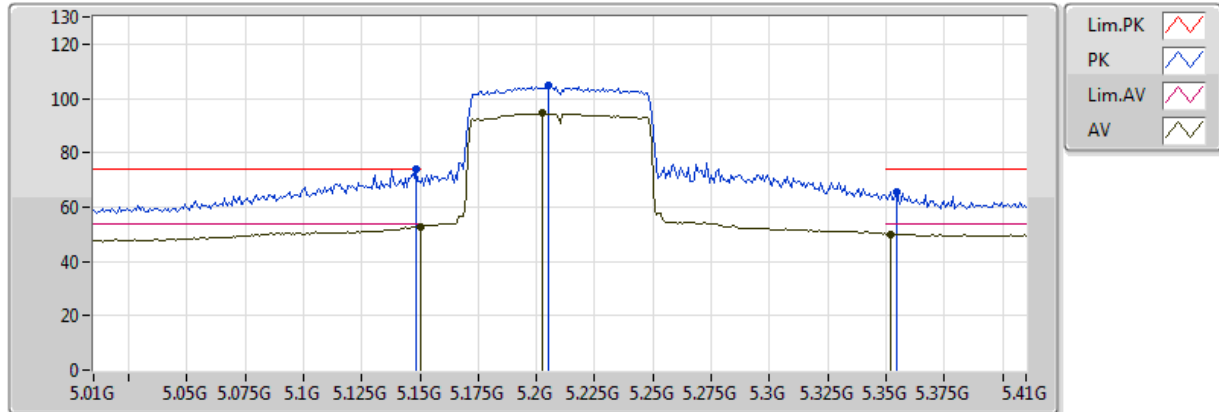
20180130
EUT Y_2TX
Setting 22
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.1492G	48.88	54.00	-5.12	9.90	3	Vertical	144	1.61					
AV	5.2084G	88.92	Inf	-Inf	10.07	3	Vertical	144	1.61					
AV	5.4068G	49.33	54.00	-4.67	11.24	3	Vertical	144	1.61					
PK	5.134G	66.03	74.00	-7.97	9.86	3	Vertical	144	1.61					
PK	5.2084G	98.34	Inf	-Inf	10.07	3	Vertical	144	1.61					
PK	5.3924G	61.56	74.00	-12.44	11.21	3	Vertical	144	1.61					

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

31/01/2018



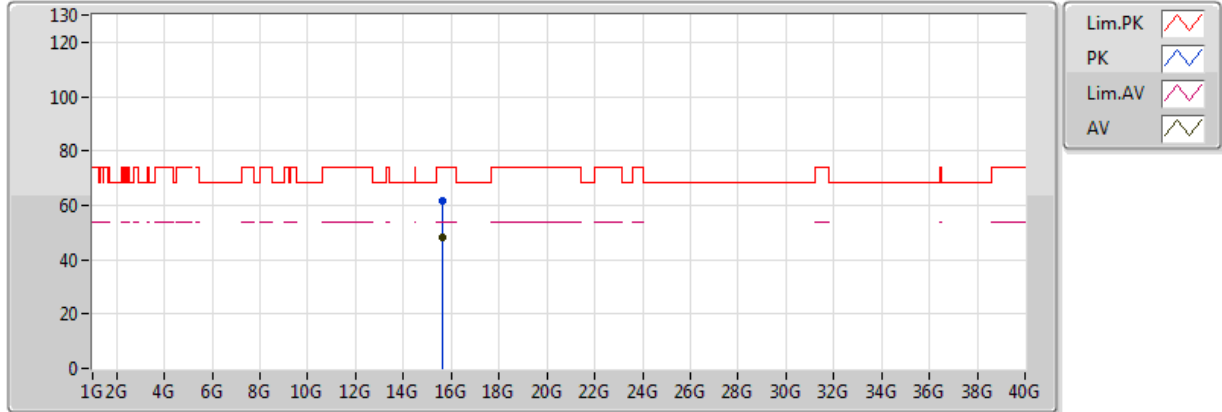
20180130
EUT Y_2TX
Setting 22
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.149995G	52.73	54.00	-1.27	9.90	3	Horizontal	163	1.74					
AV	5.2028G	94.42	Inf	-Inf	10.04	3	Horizontal	163	1.74					
AV	5.3516G	50.15	54.00	-3.85	10.96	3	Horizontal	163	1.74					
PK	5.1484G	73.92	74.00	-0.08	9.90	3	Horizontal	163	1.74					
PK	5.2052G	104.97	Inf	-Inf	10.05	3	Horizontal	163	1.74					
PK	5.3548G	65.64	74.00	-8.36	10.98	3	Horizontal	163	1.74					

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

31/01/2018



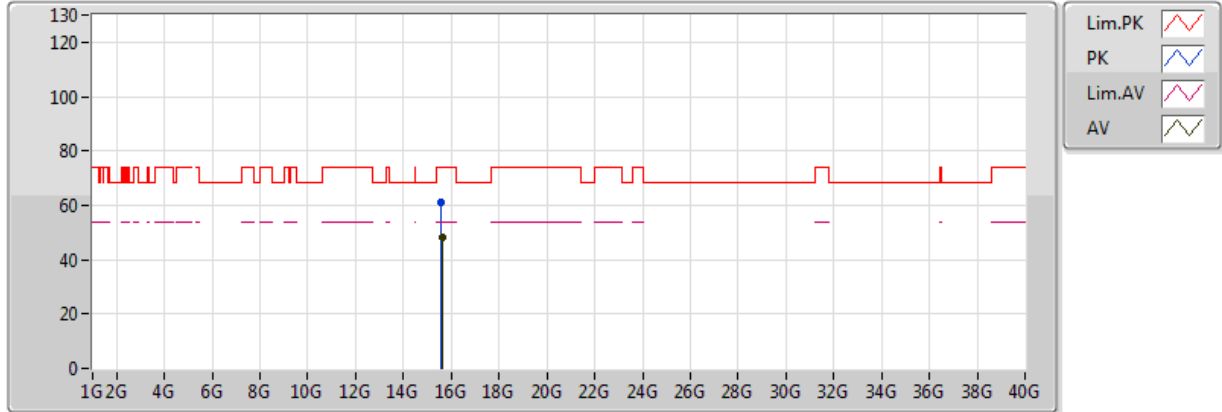
20180130
EUT Y_2TX
Setting 22
02-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	15.6568G	48.22	54.00	-5.78	18.48	3	Vertical	6	2.27					
PK	15.6128G	61.54	74.00	-12.46	18.56	3	Vertical	6	2.27					

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

31/01/2018



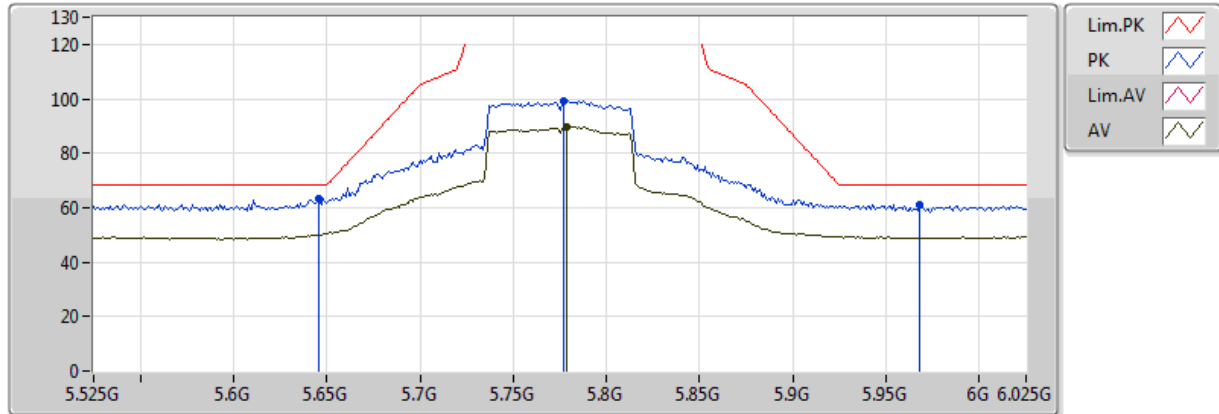
20180130
EUT Y_2TX
Setting 22
02-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	15.642G	48.28	54.00	-5.72	18.51	3	Horizontal	61	2.04					
PK	15.5856G	60.88	74.00	-13.12	18.60	3	Horizontal	61	2.04					

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

31/01/2018



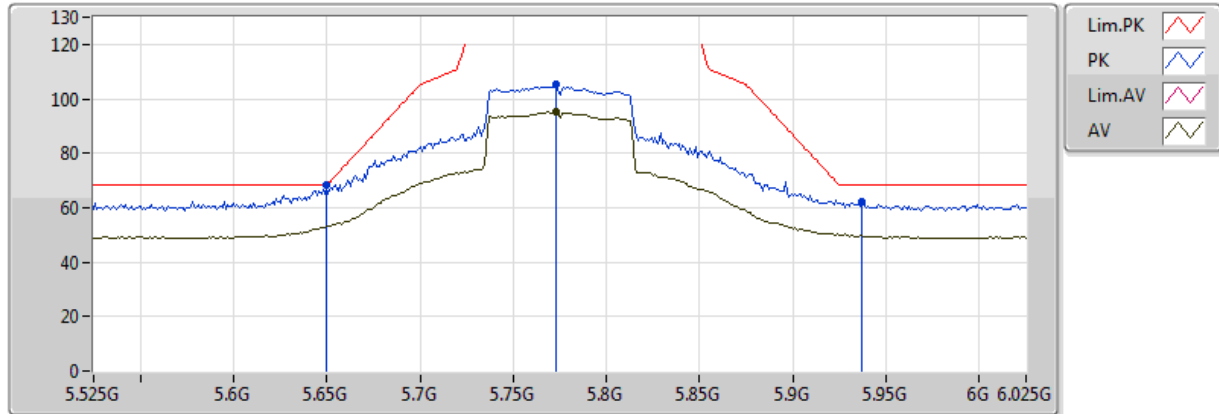
20180130
EUT_Y_2TX
Setting 27
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.779G	89.72	Inf	-Inf	10.71	3	Vertical	212	1.61					
PK	5.646G	63.38	68.20	-4.82	10.55	3	Vertical	212	1.61					
PK	5.777G	99.11	Inf	-Inf	10.71	3	Vertical	212	1.61					
PK	5.968G	61.05	68.20	-7.15	11.19	3	Vertical	212	1.61					

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

31/01/2018



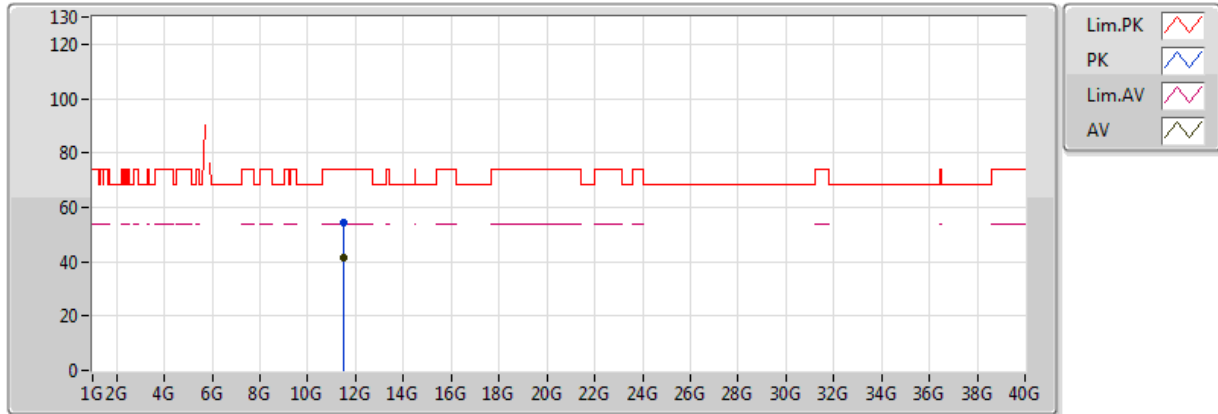
20180130
EUT_Y_2TX
Setting 27
02-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	5.773G	95.15	Inf	-Inf	10.70	3	Horizontal	143	1.02					
PK	5.65G	68.11	68.20	-0.09	10.55	3	Horizontal	143	1.02					
PK	5.773G	105.33	Inf	-Inf	10.70	3	Horizontal	143	1.02					
PK	5.937G	62.07	68.20	-6.13	11.11	3	Horizontal	143	1.02					

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

31/01/2018



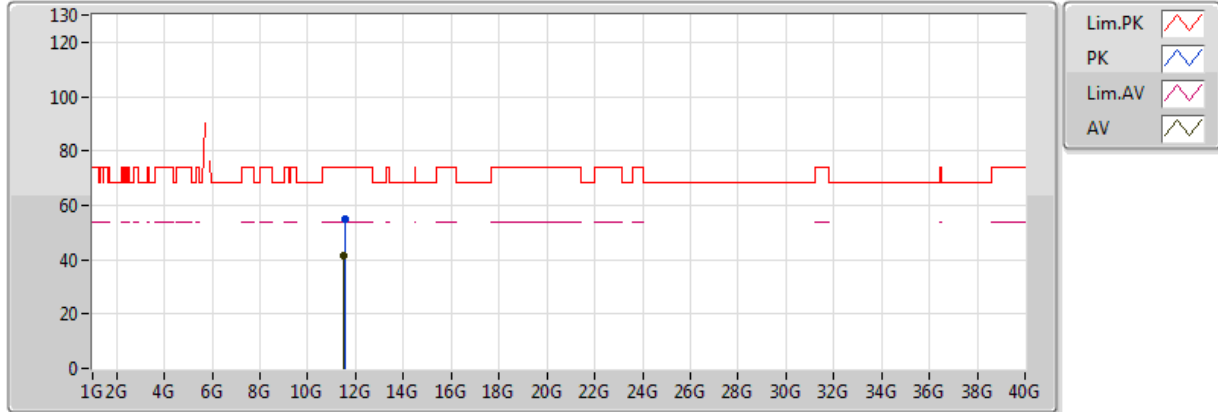
20180130
EUT Y_2TX
Setting 27
02-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	11.519G	41.31	54.00	-12.69	15.48	3	Vertical	144	1.98					
PK	11.5174G	54.36	74.00	-19.64	15.48	3	Vertical	144	1.98					

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

31/01/2018



20180130
EUT Y_2TX
Setting 27
02-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)					
AV	11.5174G	41.54	54.00	-12.46	15.48	3	Horizontal	8	1.23					
PK	11.5558G	54.72	74.00	-19.28	15.53	3	Horizontal	8	1.23					

Mode: 20 MHz / Port 2

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5199.9646	5199.9644	5199.9641	5199.9632
110.00	5199.9641	5199.9631	5199.9625	5199.9619
93.50	5199.9632	5199.9625	5199.9616	5199.9610
Max. Deviation (MHz)	0.0368	0.0375	0.0384	0.0390
Max. Deviation (ppm)	7.08	7.21	7.38	7.50
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-10	5199.9601	5199.9594	5199.9593	5199.9586
0	5199.9618	5199.9616	5199.9608	5199.9607
10	5199.9621	5199.9613	5199.9608	5199.9599
20	5199.9641	5199.9638	5199.9630	5199.9624
30	5199.9959	5199.9958	5199.9952	5199.9946
40	5199.9965	5199.9964	5199.9954	5199.9947
50	5199.9972	5199.9970	5199.9961	5199.9960
60	5199.9985	5199.9978	5199.9973	5199.9968
Max. Deviation (MHz)	0.0427	0.0437	0.0439	0.0444
Max. Deviation (ppm)	8.21	8.40	8.44	8.54
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5784.9650	5784.9646	5784.9644	5784.9638
110.00	5784.9641	5784.9638	5784.9636	5784.9635
93.50	5784.9633	5784.9628	5784.9623	5784.9621
Max. Deviation (MHz)	0.0367	0.0372	0.0377	0.0379
Max. Deviation (ppm)	6.34	6.43	6.52	6.55
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-10	5784.9620	5784.9618	5784.9609	5784.9605
0	5784.9636	5784.9634	5784.9633	5784.9630
10	5784.9640	5784.9638	5784.9634	5784.9627
20	5784.9641	5784.9638	5784.9632	5784.9628
30	5784.9959	5784.9949	5784.9948	5784.9944
40	5784.9971	5784.9963	5784.9961	5784.9952
50	5784.9962	5784.9961	5784.9960	5784.9956
60	5784.9977	5784.9973	5784.9963	5784.9958
Max. Deviation (MHz)	0.0397	0.0399	0.0406	0.0415
Max. Deviation (ppm)	6.86	6.90	7.02	7.17
Result	Pass			

Mode: 40 MHz / Port 2

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5189.9651	5189.9646	5189.9637	5189.9630
110.00	5189.9641	5189.9633	5189.9623	5189.9613
93.50	5189.9634	5189.9629	5189.9620	5189.9612
Max. Deviation (MHz)	0.0366	0.0371	0.0380	0.0388
Max. Deviation (ppm)	7.05	7.15	7.32	7.48
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-10	5189.9621	5189.9617	5189.9607	5189.9602
0	5189.9633	5189.9623	5189.9622	5189.9617
10	5189.9638	5189.9636	5189.9632	5189.9624
20	5189.9641	5189.9636	5189.9628	5189.9625
30	5189.9959	5189.9957	5189.9951	5189.9944
40	5189.9964	5189.9960	5189.9950	5189.9941
50	5189.9649	5189.9644	5189.9635	5189.9632
60	5189.9975	5189.9966	5189.9963	5189.9958
Max. Deviation (MHz)	0.0403	0.0413	0.0418	0.0420
Max. Deviation (ppm)	7.76	7.96	8.05	8.09
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5754.9650	5754.9644	5754.9637	5754.9629
110.00	5754.9641	5754.9636	5754.9631	5754.9625
93.50	5754.9639	5754.9634	5754.9625	5754.9621
Max. Deviation (MHz)	0.0361	0.0366	0.0375	0.0379
Max. Deviation (ppm)	6.27	6.36	6.52	6.59
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-10	5754.9622	5754.9618	5754.9608	5754.9606
0	5754.9638	5754.9628	5754.9623	5754.9617
10	5754.9639	5754.9634	5754.9626	5754.9621
20	5754.9641	5754.9631	5754.9624	5754.9619
30	5754.9959	5754.9950	5754.9944	5754.9934
40	5754.9962	5754.9952	5754.9951	5754.9950
50	5754.9650	5754.9643	5754.9638	5754.9630
60	5754.9972	5754.9963	5754.9962	5754.9953
Max. Deviation (MHz)	0.0395	0.0398	0.0401	0.0408
Max. Deviation (ppm)	6.86	6.92	6.97	7.09
Result	Pass			

Mode: 80 MHz / Port 2

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5210 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5209.9643	5209.9633	5209.9631	5209.9625
110.00	5209.9641	5209.9637	5209.9628	5209.9623
93.50	5209.9634	5209.9628	5209.9627	5209.9617
Max. Deviation (MHz)	0.0366	0.0372	0.0373	0.0383
Max. Deviation (ppm)	7.02	7.14	7.16	7.35
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5210 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-10	5209.9619	5209.9618	5209.9615	5209.9605
0	5209.9621	5209.9613	5209.9611	5209.9604
10	5209.9626	5209.9623	5209.9613	5209.9610
20	5209.9641	5209.9636	5209.9626	5209.9617
30	5209.9959	5209.9952	5209.9949	5209.9940
40	5209.9975	5209.9970	5209.9961	5209.9958
50	5209.9655	5209.9648	5209.9640	5209.9634
60	5209.9961	5209.9958	5209.9948	5209.9942
Max. Deviation (MHz)	0.0404	0.0406	0.0413	0.0416
Max. Deviation (ppm)	7.75	7.79	7.93	7.98
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5774.9649	5774.9639	5774.9630	5774.9624
110.00	5774.9641	5774.9637	5774.9635	5774.9634
93.50	5774.9637	5774.9634	5774.9632	5774.9626
Max. Deviation (MHz)	0.0363	0.0366	0.0370	0.0376
Max. Deviation (ppm)	6.29	6.34	6.41	6.51
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-10	5774.9615	5774.9609	5774.9604	5774.9602
0	5774.9621	5774.9611	5774.9601	5774.9597
10	5774.9634	5774.9626	5774.9620	5774.9617
20	5774.9641	5774.9635	5774.9634	5774.9631
30	5774.9959	5774.9952	5774.9943	5774.9935
40	5774.9979	5774.9976	5774.9966	5774.9964
50	5774.9642	5774.9641	5774.9634	5774.9625
60	5774.9968	5774.9962	5774.9954	5774.9948
Max. Deviation (MHz)	0.0397	0.0402	0.0411	0.0419
Max. Deviation (ppm)	6.87	6.96	7.12	7.26
Result	Pass			