FCC Test Report

Equipment	:	Wireless Access Point
Brand Name	:	cbn
Model No.	:	AP7465CE, AP746XXXXXX (The "X" in the model name can be 0 to 9 , A to Z , dash or blank)
FCC ID	:	O2U-AP7465
Standard	:	47 CFR FCC Part 15.407
Operating Band	:	5150 MHz – 5250 MHz 5725 MHz – 5850 MHz
Applicant	:	COMPAL BROADBAND NETWORKS,INC. 13F-1, No.1, Taiyuan 1st St., Zhubei City, Hsinchu County 30288, Taiwan, R.O.C.
Manufacturer	:	COMPAL BROADBAND NETWORKS,INC. 13F-1, No.1, Taiyuan 1st St., Zhubei City, Hsinchu County 30288, Taiwan, R.O.C.
Function	:	☐ Outdoor; ☒ Indoor; ☐ Fixed P2P ☐ Client

The product sample received on Sep. 09, 2017 and completely tested on Jan. 16, 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.

Testing Laboratory
1190

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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

Revision History

Report No.	Version	Description	Issued Date
FR790626AB	Rev. 01	Initial issue of report	Feb. 26, 2018

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	3TX
5.15-5.25GHz	802.11n HT20	20	3TX
5.15-5.25GHz	802.11n HT20-BF	20	3TX
5.15-5.25GHz	802.11ac VHT20	20	3TX
5.15-5.25GHz	802.11ac VHT20-BF	20	3TX
5.15-5.25GHz	802.11n HT40	40	3TX
5.15-5.25GHz	802.11n HT40-BF	40	3TX
5.15-5.25GHz	802.11ac VHT40	40	3TX
5.15-5.25GHz	802.11ac VHT40-BF	40	3TX
5.15-5.25GHz	802.11ac VHT80	80	3TX
5.15-5.25GHz	802.11ac VHT80-BF	80	3TX
5.725-5.85GHz	802.11a	20	3TX
5.725-5.85GHz	802.11n HT20	20	3TX
5.725-5.85GHz	802.11n HT20-BF	20	3TX
5.725-5.85GHz	802.11ac VHT20	20	3TX
5.725-5.85GHz	802.11ac VHT20-BF	20	3TX
5.725-5.85GHz	802.11n HT40	40	3TX
5.725-5.85GHz	802.11n HT40-BF	40	3TX
5.725-5.85GHz	802.11ac VHT40	40	3TX
5.725-5.85GHz	802.11ac VHT40-BF	40	3TX
5.725-5.85GHz	802.11ac VHT80	80	3TX
5.725-5.85GHz	802.11ac VHT80-BF	80	3TX

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

1.1.2 Antenna Information

Ant.	Brand	Model Name P/N	Antenna Type	Connector	Gain (dBi)	
					2.4GHz	5GHz
1	CBN	120300001900C	Embedded Antenna	I-PEX	3.04	5
2	CBN	120300002000C	Embedded Antenna	I-PEX	3.13	5
3	CBN	120300001800C	Embedded Antenna	I-PEX	-	5

<5GHz Composite Gain (Directional Gain)>

Stream	Composite Gain (Directional Gain) (dBi)	
	5GHz Band 1	5GHz Band 4
3T1S	5.65	5.11

Note: The EUT has three antennas.

For 2.4GHz WLAN function

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

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

For 5GHz WLAN function

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

Ant. 1(Port 1), Ant. 2(Port 2) and Ant. 3(Port 3) could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.991	0.039	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20	0.989	0.048	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20-BF	0.893	0.491	1.942m	1k
802.11ac VHT40	0.957	0.191	16.565m	100
802.11ac VHT40-BF	0.81	0.915	956.875u	3k
802.11ac VHT80	0.957	0.191	20m	100
802.11ac VHT80-BF	0.679	1.681	465u	3k

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming in IEEE 802 11n/ac in 5GHz	☐	Without beamforming
Test Software Version	Telnet, QATool, Dos			

1.1.5 Table for Multiple Listing

The brand/model names in the following table are all refer to the identical product.

Model Name	Description
AP7465CE	All the models are identical, the difference model served as marketing strategy.
AP7465XXXXXX(The "X" in the model name can be 0 to 9 , A to Z , dash ok blank)	

Note: From the above models, model: AP7465CE was selected as representative model for the test and its data was recorded in this report.

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	Brian Sun	22°C / 54%	Sep. 19, 2017~Jan. 16, 2018
Radiated	03CH01-CB	Welson Chen / Stim Sung / Nyle Chang	22°C / 54%	Sep. 09, 2017~Dec. 22, 2017
AC Conduction	CO01-CB	Wei Li	25°C / 64%	Sep. 18, 2017

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

Mode	Power Setting
802.11a_Nss1,(6Mbps)_3TX	-
5180MHz	26
5200MHz	32
5240MHz	32
5745MHz	33
5785MHz	33
5825MHz	36
802.11ac VHT20_Nss1,(MCS0)_3TX	-
5180MHz	24
5200MHz	31
5240MHz	32
5745MHz	31
5785MHz	32
5825MHz	35
802.11ac VHT40_Nss1,(MCS0)_3TX	-
5190MHz	22
5230MHz	29
5755MHz	36
5795MHz	37
802.11ac VHT80_Nss1,(MCS0)_3TX	-
5210MHz	19
5775MHz	27
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-
5180MHz	17
5200MHz	1D
5240MHz	1C
5745MHz	1F
5785MHz	20
5825MHz	1F
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-
5190MHz	14
5230MHz	1D
5755MHz	1E
5795MHz	1F
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-
5210MHz	11
5775MHz	18

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
Operating Mode > 1GHz	CTX

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA790626 for Co-location RF Exposure Evaluation.	

Note: The EUT can only be used in Y axis

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

During the test, the following programs under WIN7 were executed.
The program was executed as follows:
1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Telnet.
3. Executed "Telnet" to link with the remote workstation to transmit and receive packet by RX Device and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories				
No.	**Equipment Name**	**Brand Name**	**Model Name**	**Rating**
1	Adapter	SHENZHEN FRECOM ELECTRONICS CO. LTD	F30L2-120250SPAU	INPUT: 100-120V~50/60Hz 0.8A OUTPUT: 12V, 2.5A
RJ-45 cable*1, Non-Shielded, 1.5m				

2.5 Support Equipment

For Test Site No: CO01-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*4	DELL	E6430	DoC

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

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*2	DELL	E4300	DoC
2	NB*2	Apple	Mac Book	DoC

For Test Site No: 03CH01-CB (above 1GHz)
For Non-Beamforming Mode:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E4300	DoC

For Beamforming Mode:

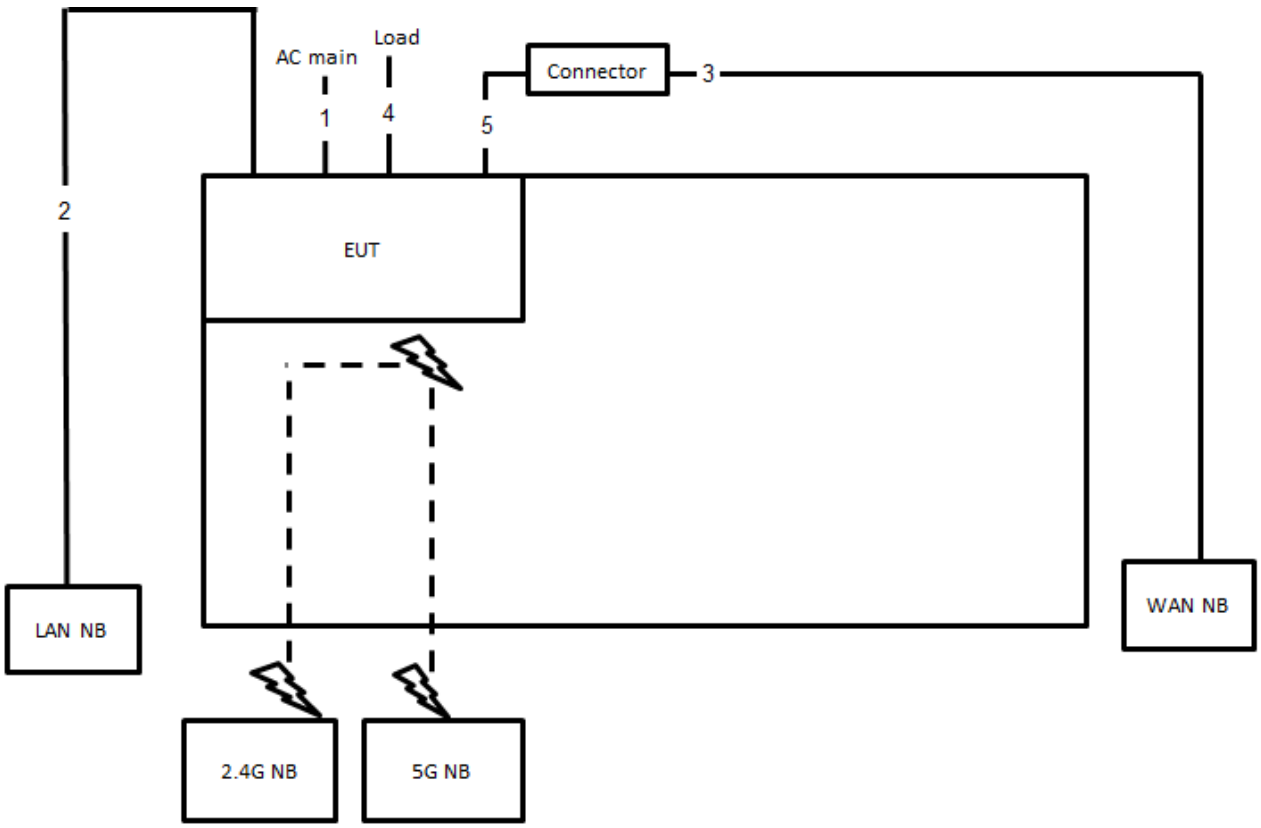
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*2	DELL	E4300	DoC
2	WLAN module	Broadcom	BCM943162ZP	N/A

For Test Site No: TH01-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*2	DELL	E4300	DoC
2	WLAN module	Broadcom	BCM943162ZP	N/A

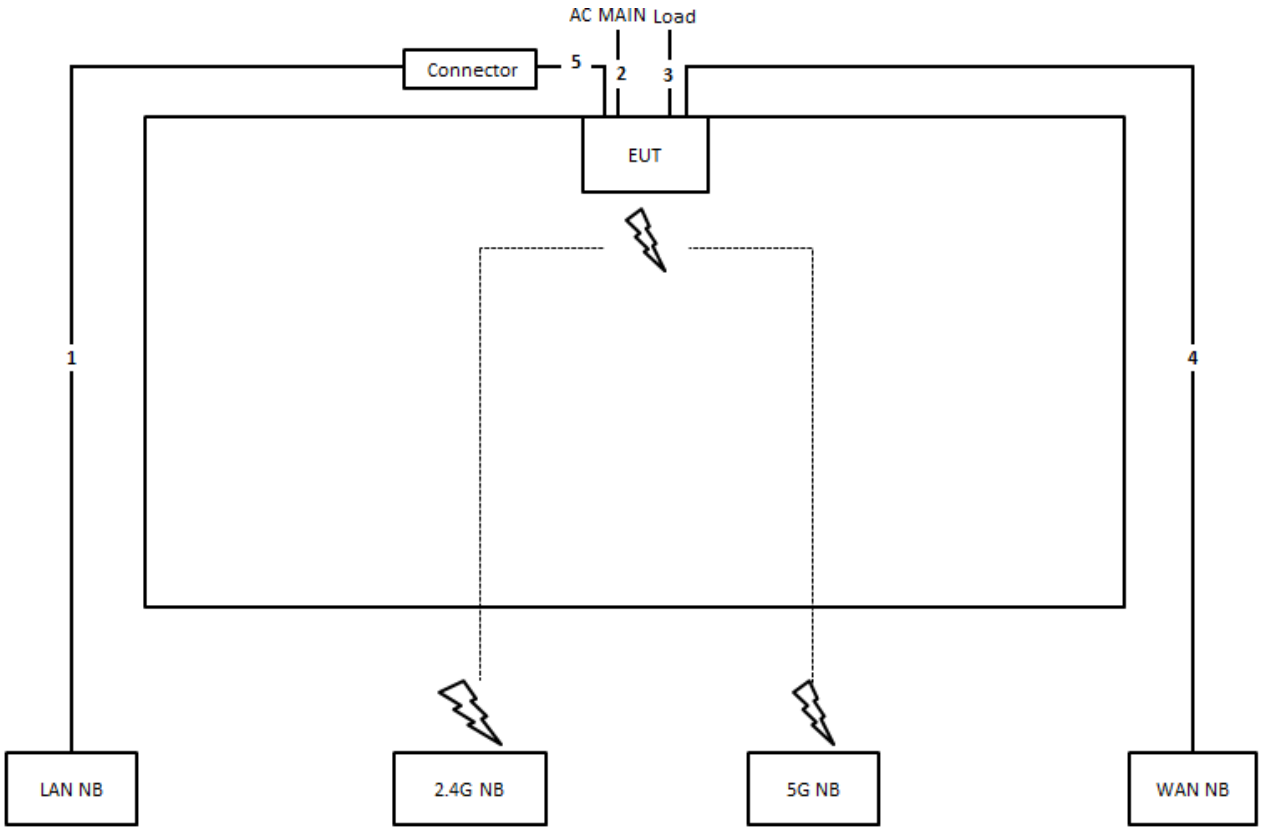
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



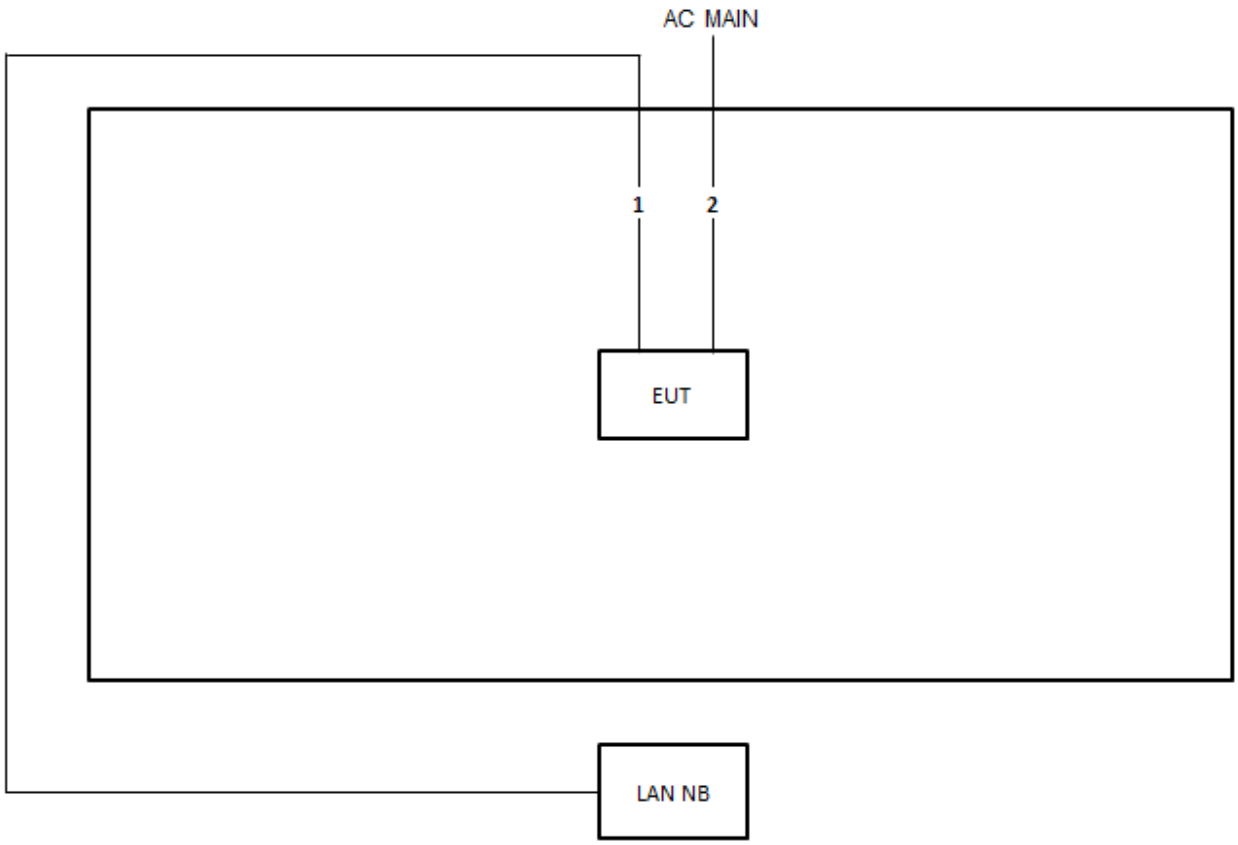
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	10m
4	RJ-45 cable*3	No	1.5m
5	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test < 1GHz



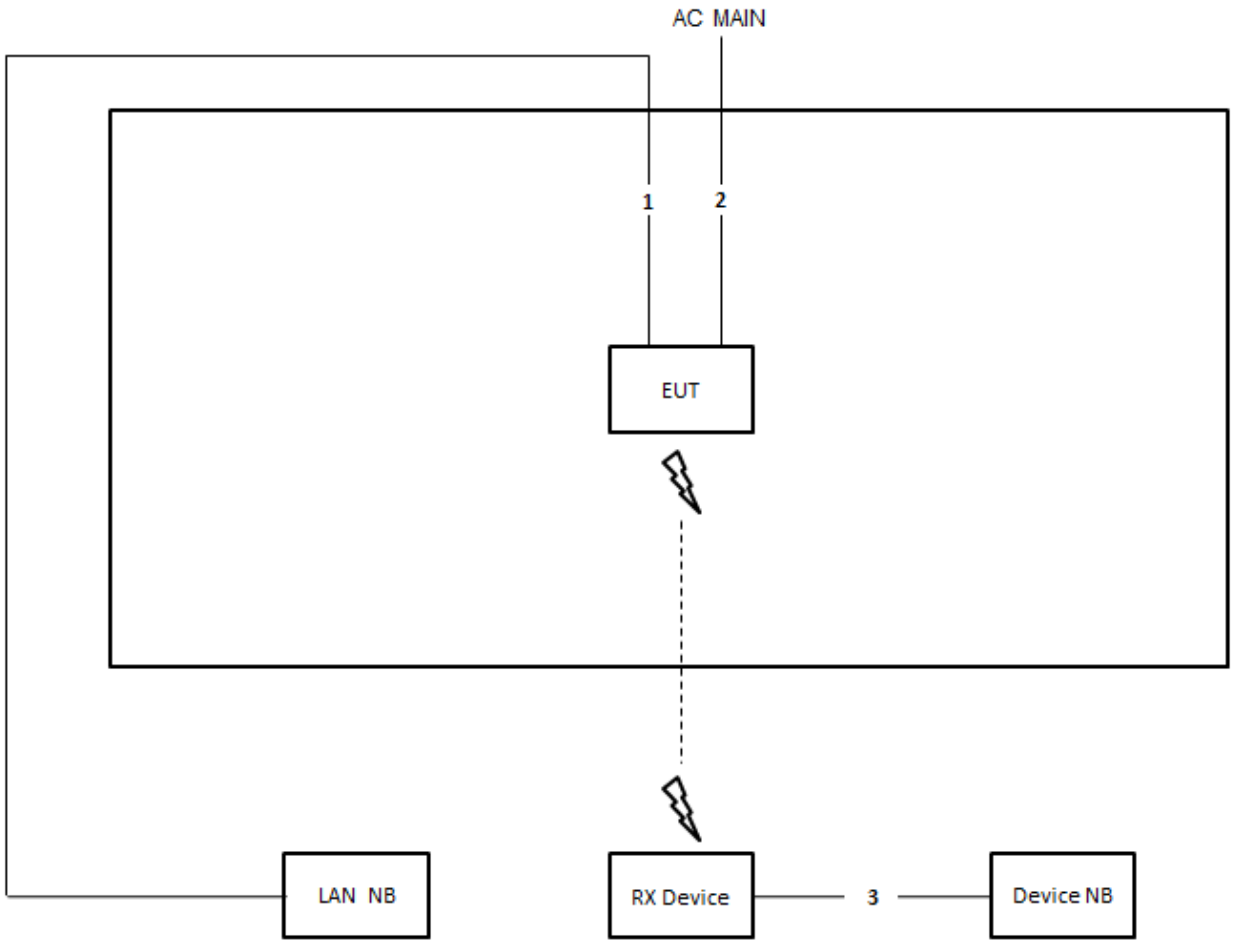
Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.5m
3	RJ-45 cable*3	No	1.5m
4	RJ-45 cable	No	10m
5	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz
For Non-Beamforming Mode



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

Test Setup Diagram - Radiated Test > 1GHz
For Beamforming Mode



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

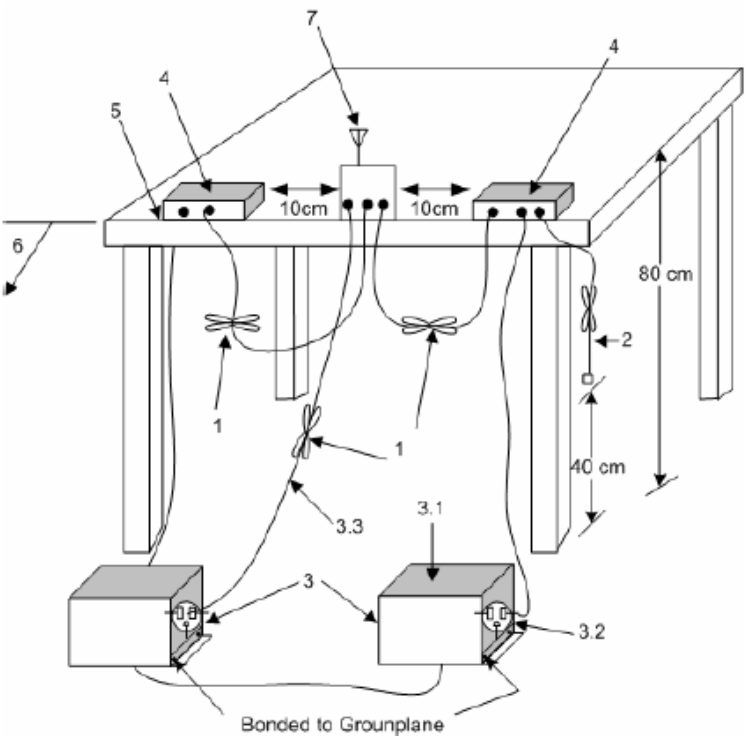
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

3.2.2 Measuring Instruments

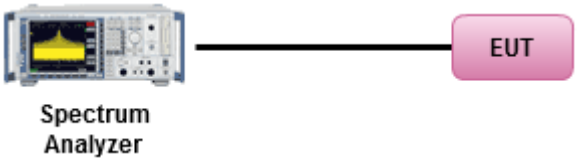
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

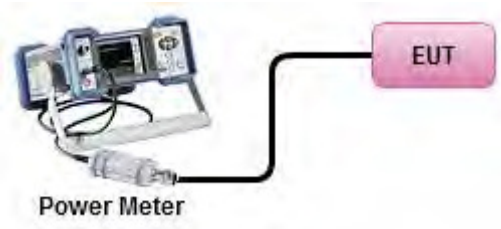
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☐	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the 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° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz 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.	

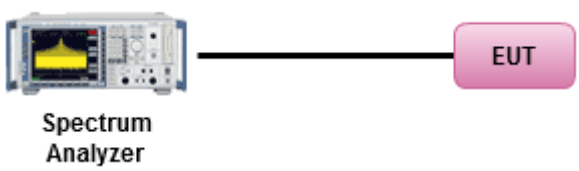
3.4.2 Measuring Instruments

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter 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).

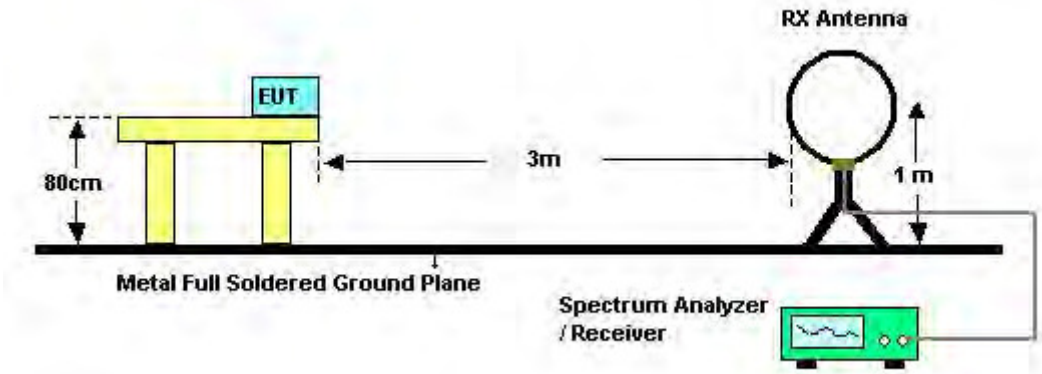
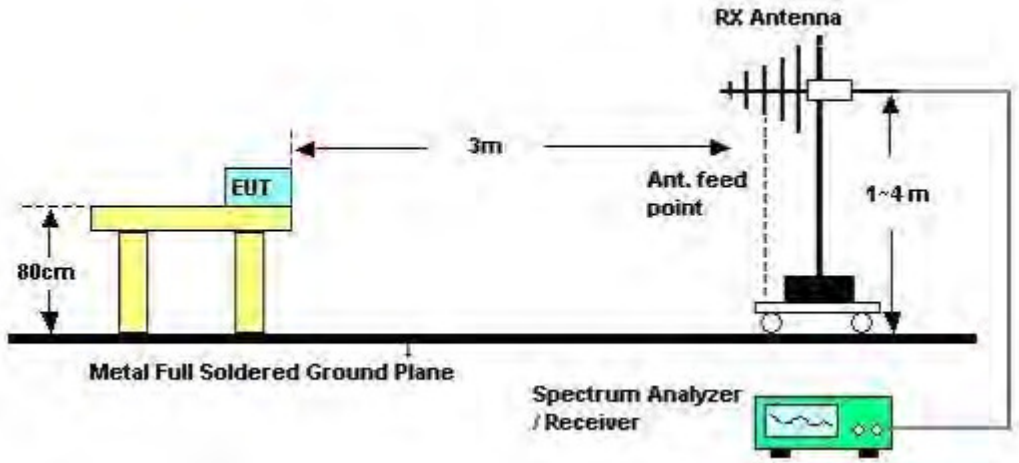
3.5.2 Measuring Instruments

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

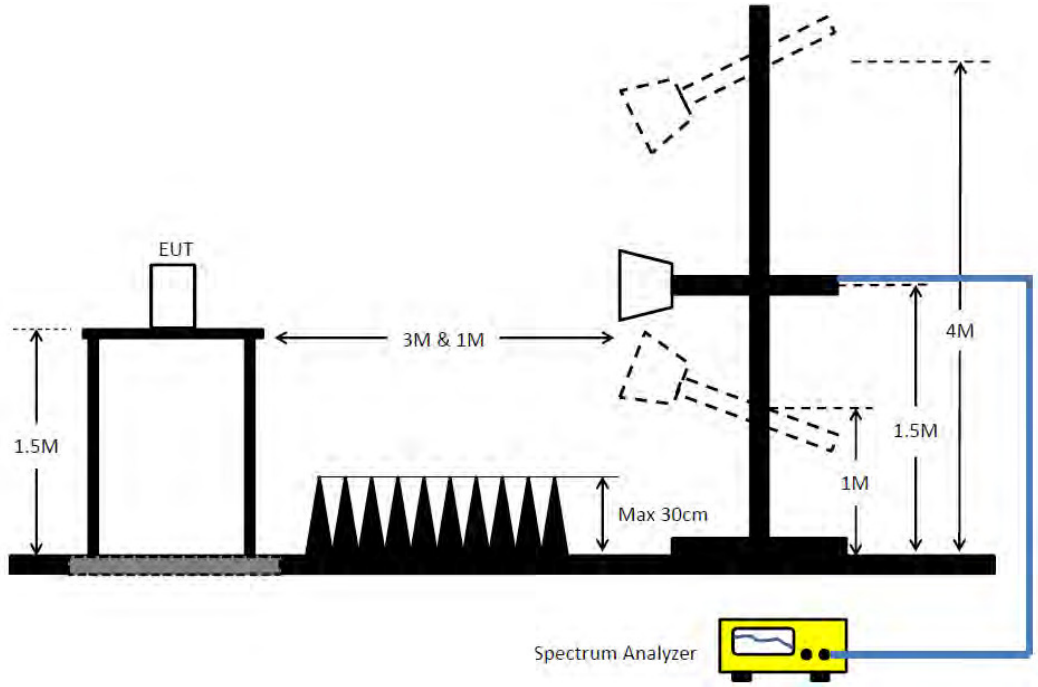
3.5.3 Test Procedures

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 ≥ 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 ≥ 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

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

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

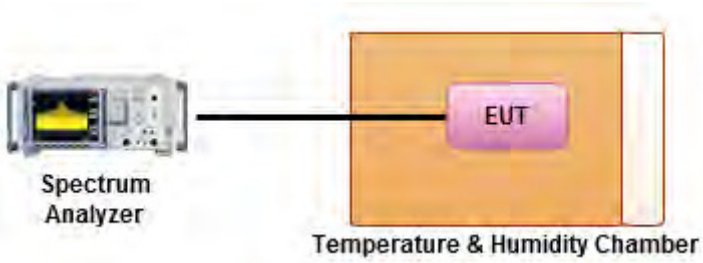
Refer a test equipment and calibration data table in this test report.

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 0℃~40℃.

3.6.4 Test Setup

Frequency Stability



3.6.5 Test Result of Frequency Stability

Refer as Appendix F

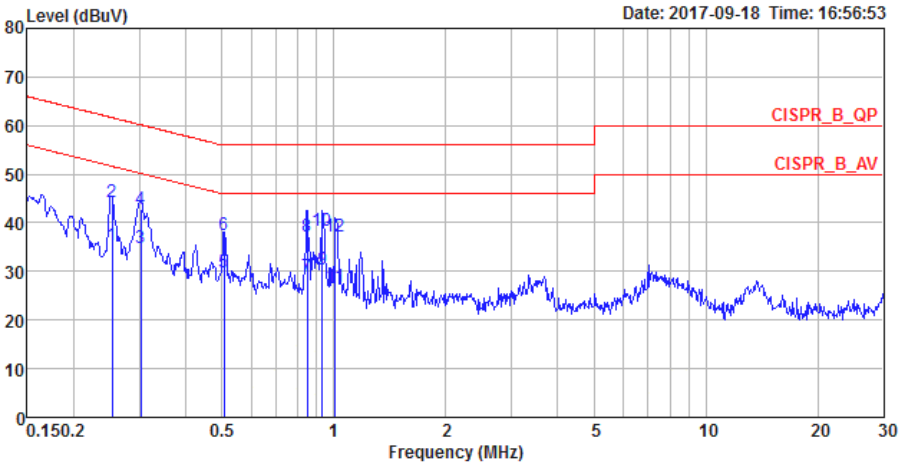
4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 23, 2017	Jan. 22, 2018	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 14, 2016	Dec. 13, 2017	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Dec. 21, 2016	Dec. 20, 2017	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)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2016*	Mar. 15, 2018*	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	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)
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. 24, 2016	Oct. 23, 2017	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. 24, 2016	Oct. 23, 2017	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. 24, 2016	Oct. 23, 2017	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)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
Test Software	Audix	E3	6.2009-l0-7	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)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 02, 2017	Jun. 01, 2018	Conducted (TH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 21, 2017	Dec. 20, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-6	1 GHz – 26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	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-7	1 GHz –26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-8	1 GHz –26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-9	1 GHz –26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 22, 2016	Nov. 21, 2017	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.

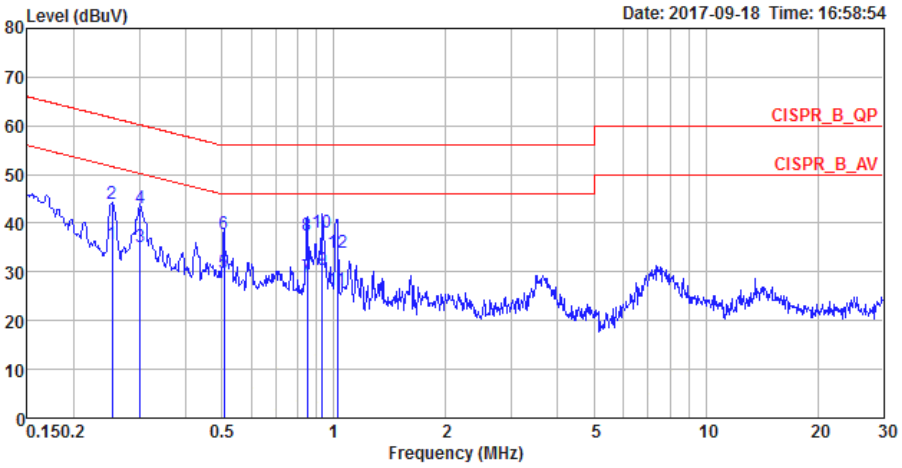
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Normal Link		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.2532	35.49	-16.16	51.65	25.32	10.08	0.09	Average	NEUTRAL
2	0.2532	44.16	-17.49	61.65	33.99	10.08	0.09	QP	NEUTRAL
3	0.3031	34.89	-15.27	50.16	24.68	10.15	0.06	Average	NEUTRAL
4	0.3031	42.67	-17.49	60.16	32.46	10.15	0.06	QP	NEUTRAL
5	0.5062	29.69	-16.31	46.00	19.41	10.22	0.06	Average	NEUTRAL
6	0.5062	37.60	-18.40	56.00	27.32	10.22	0.06	QP	NEUTRAL
7	0.8483	29.01	-16.99	46.00	18.75	10.10	0.16	Average	NEUTRAL
8	0.8483	37.22	-18.78	56.00	26.96	10.10	0.16	QP	NEUTRAL
9	0.9331	30.30	-15.70	46.00	20.05	10.07	0.18	Average	NEUTRAL
10	0.9331	38.26	-17.74	56.00	28.01	10.07	0.18	QP	NEUTRAL
11	1.0103	26.92	-19.08	46.00	16.68	10.05	0.19	Average	NEUTRAL
12	1.0103	37.33	-18.67	56.00	27.09	10.05	0.19	QP	NEUTRAL

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

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



	Freq	Level	Limit	Line	Level	SN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.2535	35.66	-15.98	51.64	25.65	9.92	0.09	Average	LINE
2	0.2535	44.09	-17.55	61.64	34.08	9.92	0.09	QP	LINE
3	0.3014	35.06	-15.14	50.20	25.07	9.93	0.06	Average	LINE
4	0.3014	43.18	-17.02	60.20	33.19	9.93	0.06	QP	LINE
5	0.5064	29.82	-16.18	46.00	19.81	9.95	0.06	Average	LINE
6	0.5064	37.71	-18.29	56.00	27.70	9.95	0.06	QP	LINE
7	0.8483	29.08	-16.92	46.00	18.96	9.96	0.16	Average	LINE
8	0.8483	37.39	-18.61	56.00	27.27	9.96	0.16	QP	LINE
9	0.9331	30.38	-15.62	46.00	20.24	9.96	0.18	Average	LINE
10	0.9331	38.03	-17.97	56.00	27.89	9.96	0.18	QP	LINE
11	1.0211	26.40	-19.60	46.00	16.25	9.96	0.19	Average	LINE
12	1.0211	33.98	-22.02	56.00	23.83	9.96	0.19	QP	LINE

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_3TX	39.5M	18.416M	18M4D1D	19.475M	16.517M
802.11ac VHT20_Nss1,(MCS0)_3TX	32.475M	17.666M	17M7D1D	19.775M	17.591M
802.11ac VHT40_Nss1,(MCS0)_3TX	81.7M	37.031M	37M0D1D	40.25M	36.132M
802.11ac VHT80_Nss1,(MCS0)_3TX	82.9M	76.062M	76M1D1D	81.4M	75.962M
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	49.65M	26.4M	26M4D1D	23.45M	17.675M
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	79.6M	38.331M	38M3D1D	39.7M	36.032M
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	82.1M	76.162M	76M2D1D	80.9M	75.862M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_3TX	16.375M	31.834M	31M8D1D	16M	19.765M
802.11ac VHT20_Nss1,(MCS0)_3TX	17.6M	31.659M	31M7D1D	17.125M	18.366M
802.11ac VHT40_Nss1,(MCS0)_3TX	35.7M	65.167M	65M2D1D	35.05M	48.326M
802.11ac VHT80_Nss1,(MCS0)_3TX	76.2M	77.461M	77M5D1D	75.5M	76.262M
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	17.325M	25.087M	25M1D1D	15.15M	18.216M
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	35.35M	43.228M	43M2D1D	35M	36.832M
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	75.8M	76.262M	76M3D1D	75.1M	75.962M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11a_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	29.675M	16.542M	19.5M	16.542M	28.95M	16.567M
5200MHz	Pass	Inf	26.975M	16.567M	19.475M	16.517M	28.975M	16.567M
5240MHz	Pass	Inf	39.5M	18.416M	35.75M	16.717M	37.9M	18.091M
5745MHz	Pass	500k	16M	19.865M	16.325M	26.637M	16.325M	19.965M
5785MHz	Pass	500k	16.35M	19.765M	16.35M	26.637M	16.325M	19.94M
5825MHz	Pass	500k	16.375M	25.337M	16.375M	31.834M	16.325M	24.763M
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	26.8M	17.641M	19.875M	17.616M	27.875M	17.666M
5200MHz	Pass	Inf	25.125M	17.591M	19.775M	17.616M	30.075M	17.666M
5240MHz	Pass	Inf	27.075M	17.641M	19.85M	17.641M	32.475M	17.666M
5745MHz	Pass	500k	17.5M	18.816M	17.25M	25.862M	17.55M	18.366M
5785MHz	Pass	500k	17.25M	19.64M	17.25M	26.737M	17.125M	19.215M
5825MHz	Pass	500k	17.3M	24.888M	17.55M	31.659M	17.6M	25.137M
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.6M	36.182M	40.4M	36.132M	40.25M	36.132M
5230MHz	Pass	Inf	81.7M	36.782M	74.55M	36.382M	77.55M	37.031M
5755MHz	Pass	500k	35.3M	49.275M	35.05M	60.52M	35.25M	48.326M
5795MHz	Pass	500k	35.3M	53.673M	35.7M	65.167M	35.3M	52.824M
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.6M	76.062M	82.9M	75.962M	81.4M	75.962M
5775MHz	Pass	500k	75.8M	76.362M	75.5M	77.461M	76.2M	76.262M
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	38.175M	17.75M	23.45M	17.675M	24.5M	17.675M
5200MHz	Pass	Inf	49.65M	26.4M	48.325M	22.325M	47.975M	22.625M
5240MHz	Pass	Inf	47.15M	19.2M	45.3M	17.9M	46.775M	18.4M
5745MHz	Pass	500k	16.425M	21.175M	15.15M	21.375M	16.625M	18.625M
5785MHz	Pass	500k	17.25M	23.063M	16.275M	25.087M	16.5M	21.364M
5825MHz	Pass	500k	17.3M	25.037M	17.325M	23.538M	17.075M	18.216M
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	57.9M	36.082M	39.7M	36.082M	60.35M	36.032M
5230MHz	Pass	Inf	79.45M	38.331M	75.6M	36.332M	79.6M	36.782M
5755MHz	Pass	500k	35M	39.38M	35.1M	42.279M	35M	36.832M
5795MHz	Pass	500k	35M	40.08M	35.35M	43.228M	35.1M	37.431M
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	80.9M	76.162M	81.5M	75.862M	82.1M	75.962M
5775MHz	Pass	500k	75.1M	76.162M	75.2M	76.262M	75.8M	75.962M

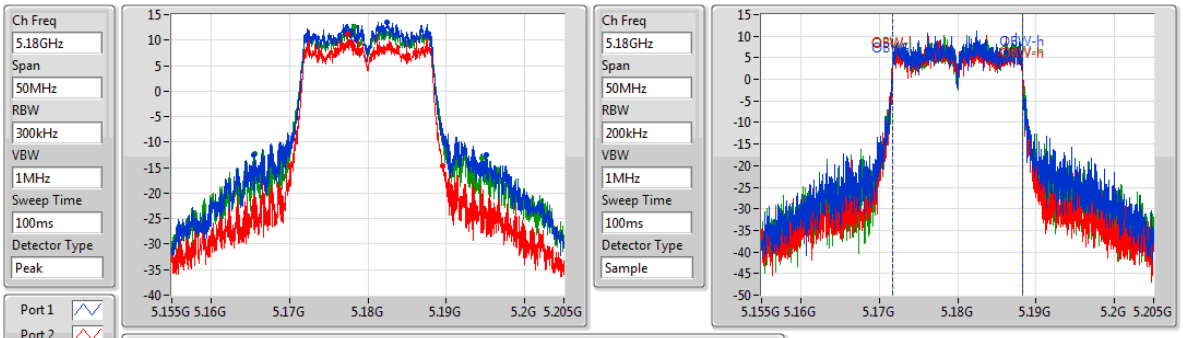
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_3TX

EBW

5180MHz

24/11/2017



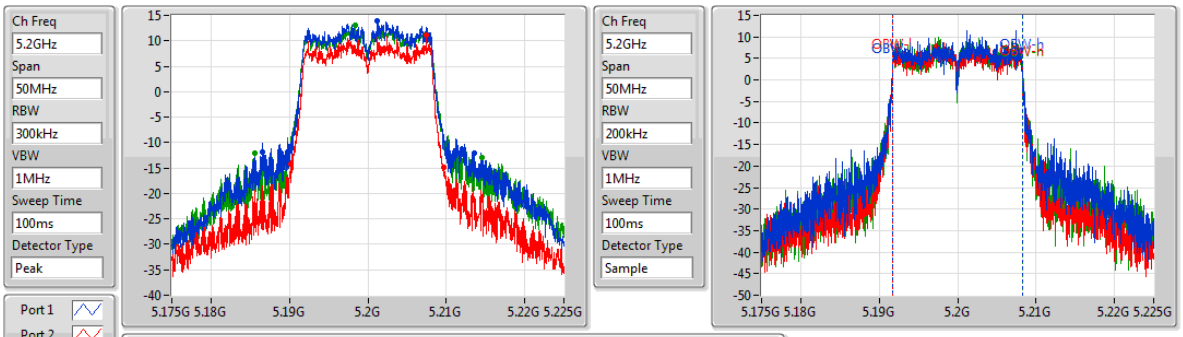
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.675M	5.165425G	5.1951G	16.542M	5.171704G	5.188246G	Inf	1
19.5M	5.170075G	5.189575G	16.542M	5.171704G	5.188246G	Inf	2
28.95M	5.165575G	5.194525G	16.567M	5.171704G	5.188271G	Inf	3

802.11a_Nss1,(6Mbps)_3TX

EBW

5200MHz

24/11/2017



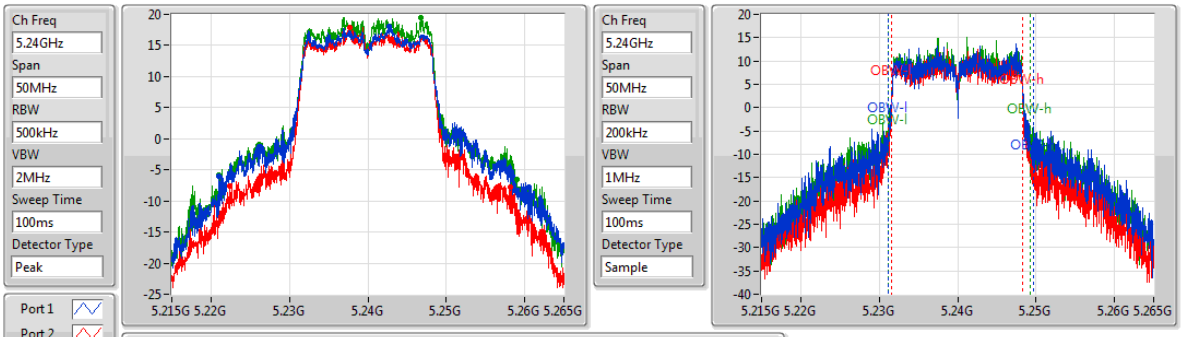
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.975M	5.18655G	5.213525G	16.567M	5.191704G	5.208271G	Inf	1
19.475M	5.19015G	5.209625G	16.517M	5.191729G	5.208246G	Inf	2
28.975M	5.18555G	5.214525G	16.567M	5.191729G	5.208296G	Inf	3

802.11a_Nss1,(6Mbps)_3TX

EBW

5240MHz

07/02/2018



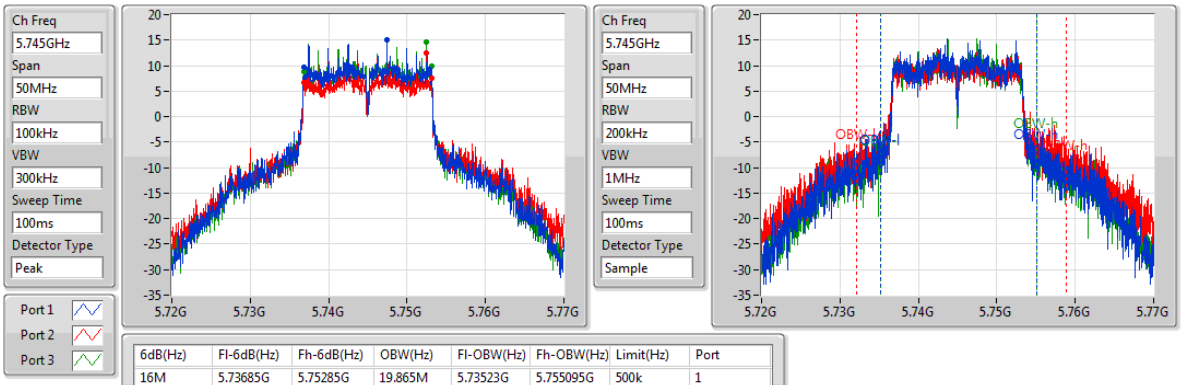
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.5M	5.22105G	5.26055G	18.416M	5.231204G	5.24962G	Inf	1
35.75M	5.2224G	5.25815G	16.717M	5.231604G	5.248321G	Inf	2
37.9M	5.22105G	5.25895G	18.091M	5.231204G	5.249295G	Inf	3

802.11a_Nss1,(6Mbps)_3TX

EBW

5745MHz

24/11/2017



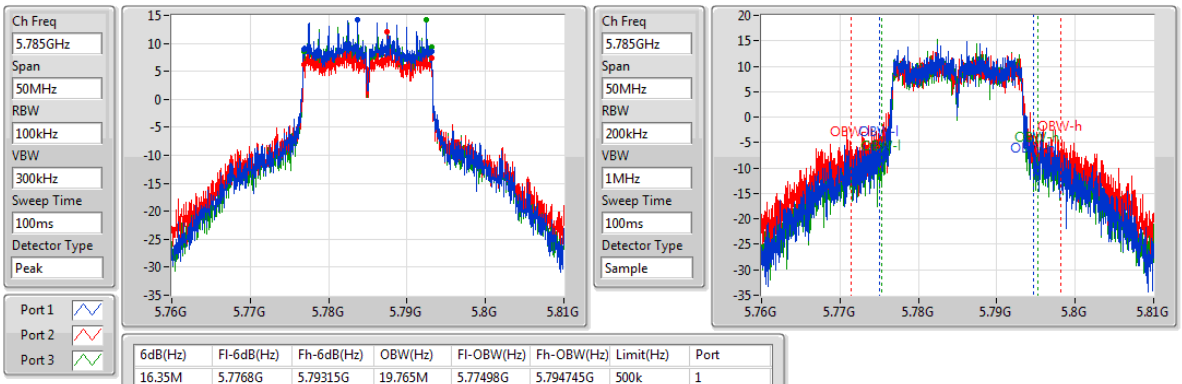
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16M	5.73685G	5.75285G	19.865M	5.73523G	5.755095G	500k	1
16.325M	5.736825G	5.75315G	26.637M	5.732156G	5.758793G	500k	2
16.325M	5.7368G	5.753125G	19.965M	5.73518G	5.755145G	500k	3

802.11a_Nss1,(6Mbps)_3TX

EBW

5785MHz

24/11/2017



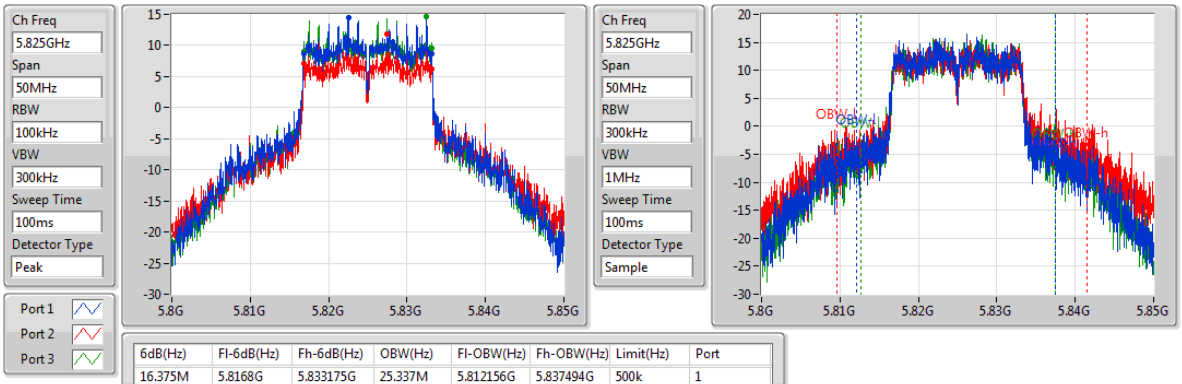
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.7768G	5.79315G	19.765M	5.77498G	5.794745G	500k	1
16.35M	5.7768G	5.79315G	26.637M	5.771482G	5.798118G	500k	2
16.325M	5.7768G	5.793125G	19.94M	5.77528G	5.79522G	500k	3

802.11a_Nss1,(6Mbps)_3TX

EBW

5825MHz

24/11/2017



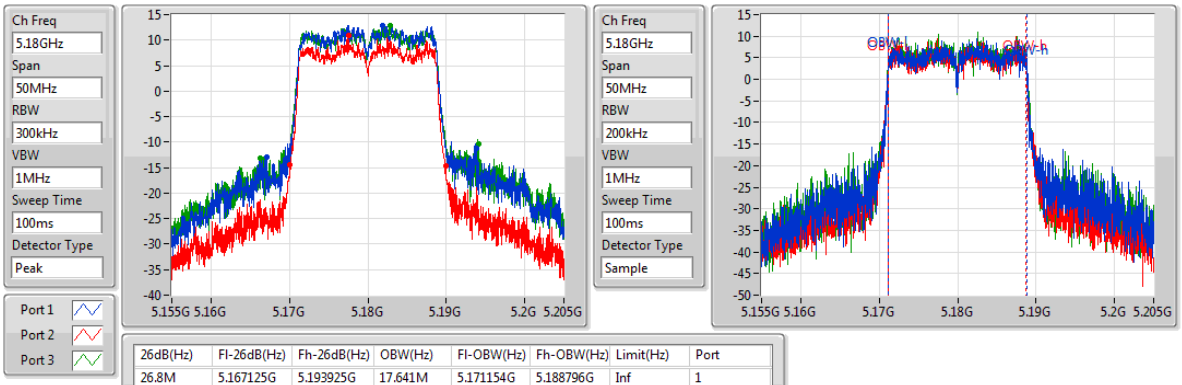
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.375M	5.8168G	5.833175G	25.337M	5.812156G	5.837494G	500k	1
16.375M	5.816825G	5.8332G	31.834M	5.809633G	5.841467G	500k	2
16.325M	5.8168G	5.833125G	24.763M	5.812731G	5.837494G	500k	3

802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

5180MHz

24/11/2017



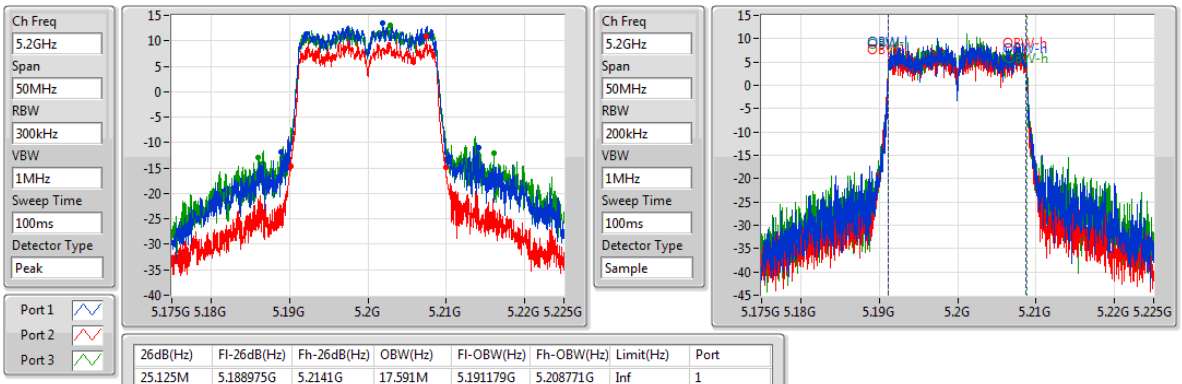
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.8M	5.167125G	5.193925G	17.641M	5.171154G	5.188796G	Inf	1
19.875M	5.170075G	5.18995G	17.616M	5.171154G	5.188771G	Inf	2
27.875M	5.166325G	5.1942G	17.666M	5.171154G	5.188821G	Inf	3

802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

5200MHz

24/11/2017



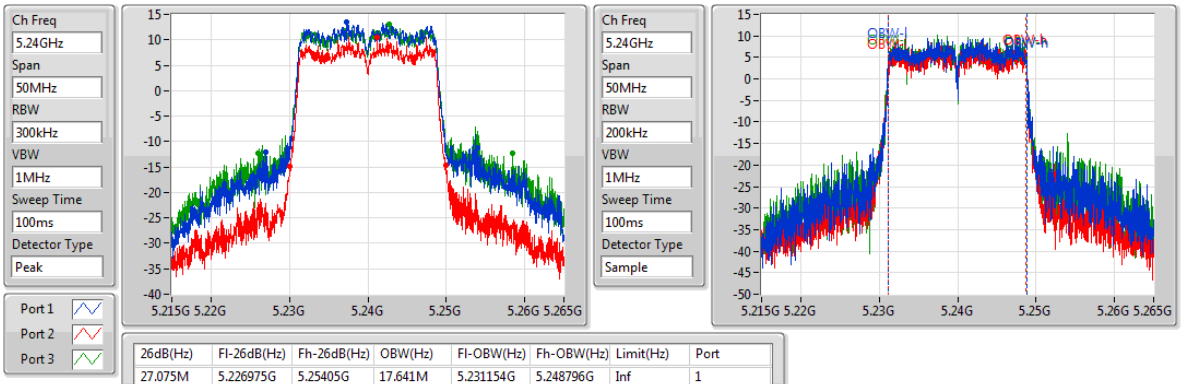
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.125M	5.188975G	5.2141G	17.591M	5.191179G	5.208771G	Inf	1
19.775M	5.190125G	5.2099G	17.616M	5.191154G	5.208771G	Inf	2
30.075M	5.186025G	5.2161G	17.666M	5.191154G	5.208821G	Inf	3

802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

5240MHz

24/11/2017



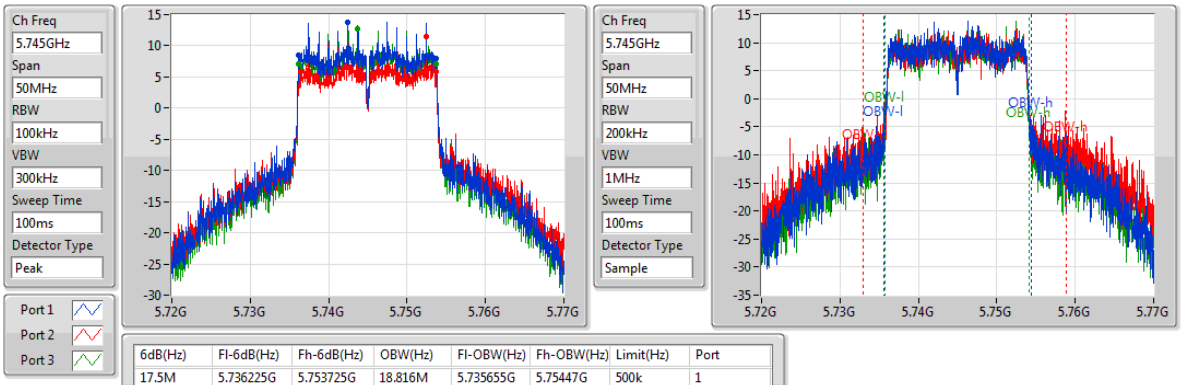
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.075M	5.226975G	5.25405G	17.641M	5.231154G	5.248796G	Inf	1
19.85M	5.230075G	5.249925G	17.641M	5.231129G	5.248771G	Inf	2
32.475M	5.226G	5.258475G	17.666M	5.231129G	5.248796G	Inf	3

802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

5745MHz

24/11/2017



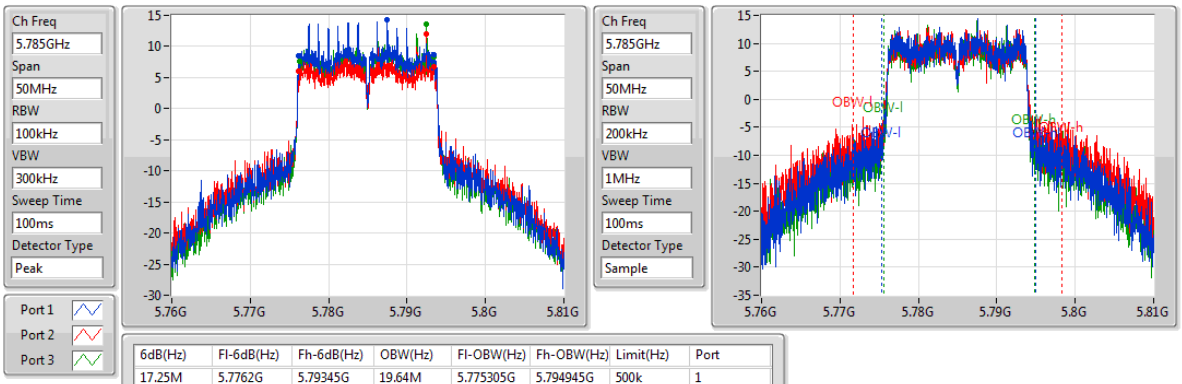
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.5M	5.736225G	5.753725G	18.816M	5.735655G	5.75447G	500k	1
17.25M	5.736425G	5.753675G	25.862M	5.732931G	5.758793G	500k	2
17.55M	5.7362G	5.75375G	18.366M	5.735805G	5.75417G	500k	3

802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

5785MHz

24/11/2017



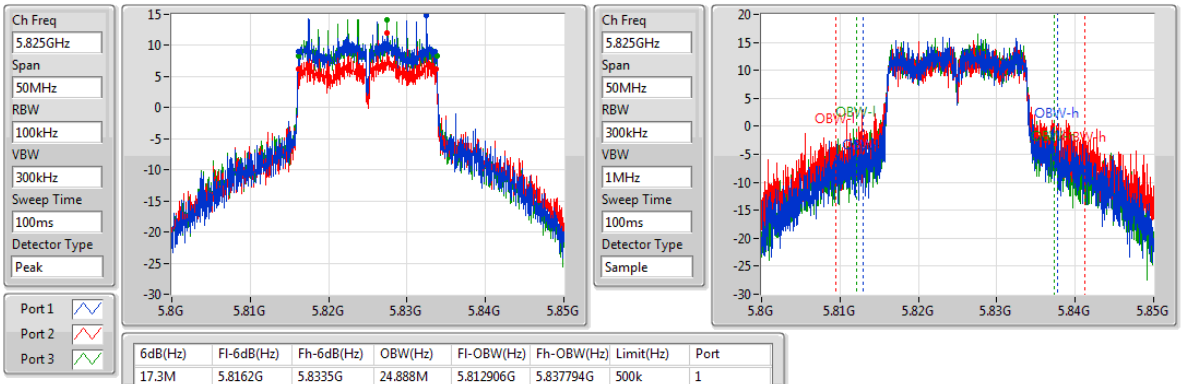
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.25M	5.7762G	5.79345G	19.64M	5.775305G	5.794945G	500k	1
17.25M	5.776225G	5.793475G	26.737M	5.771632G	5.798368G	500k	2
17.125M	5.77625G	5.793375G	19.215M	5.77563G	5.794845G	500k	3

802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

5825MHz

24/11/2017



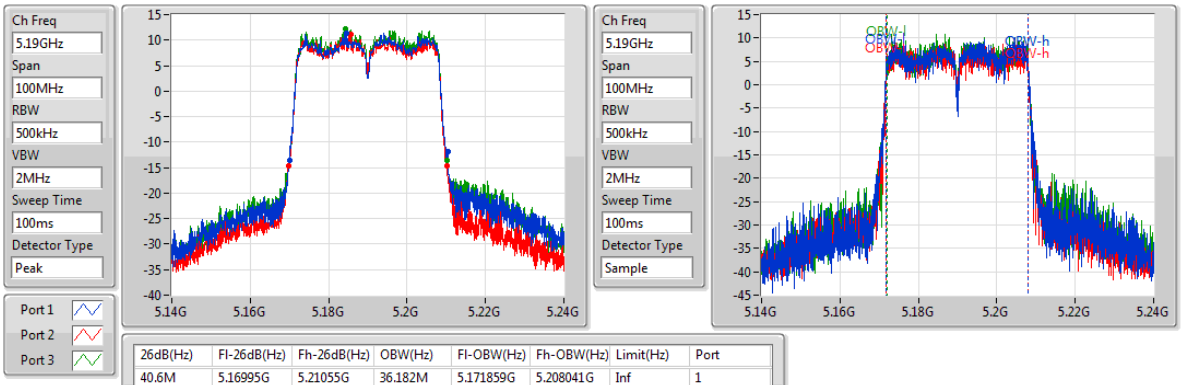
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.3M	5.8162G	5.8335G	24.888M	5.812906G	5.837794G	500k	1
17.55M	5.8162G	5.83375G	31.659M	5.809508G	5.841167G	500k	2
17.6M	5.816175G	5.833775G	25.137M	5.812181G	5.837319G	500k	3

802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

5190MHz

24/11/2017



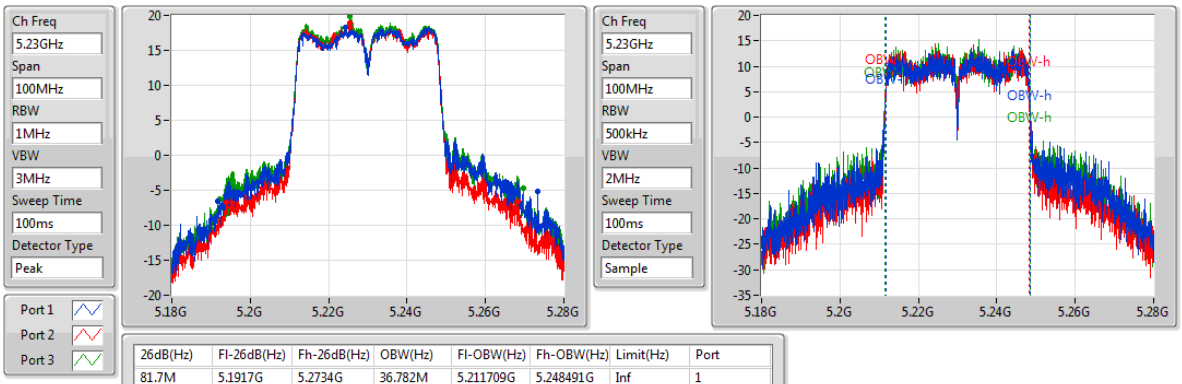
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.6M	5.16995G	5.21055G	36.182M	5.171859G	5.208041G	Inf	1
40.4M	5.1697G	5.2101G	36.132M	5.171859G	5.207991G	Inf	2
40.25M	5.16995G	5.2102G	36.132M	5.171909G	5.208041G	Inf	3

802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

5230MHz

24/11/2017



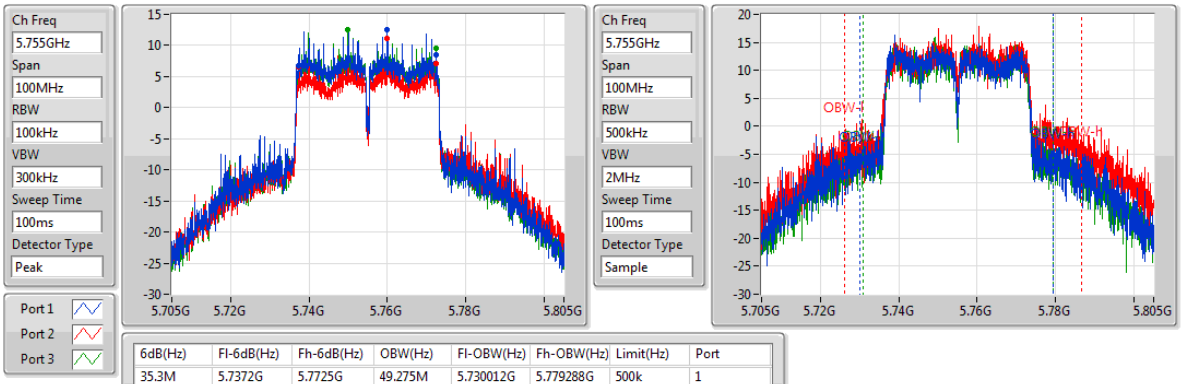
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.7M	5.1917G	5.2734G	36.782M	5.211709G	5.248491G	Inf	1
74.55M	5.19385G	5.2684G	36.382M	5.211759G	5.248141G	Inf	2
77.55M	5.1922G	5.26975G	37.031M	5.211609G	5.248641G	Inf	3

802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

5755MHz

24/11/2017



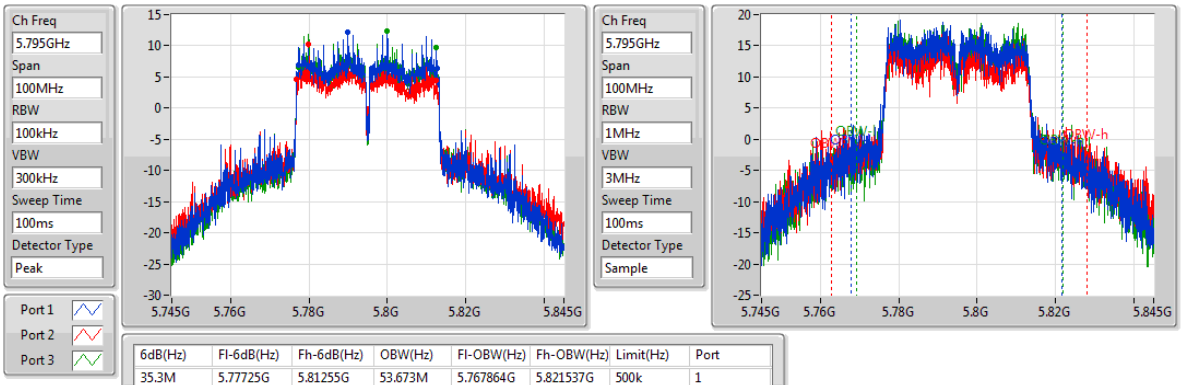
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.3M	5.7372G	5.7725G	49.275M	5.730012G	5.779288G	500k	1
35.05M	5.73745G	5.7725G	60.52M	5.726114G	5.786634G	500k	2
35.25M	5.73725G	5.7725G	48.326M	5.730912G	5.779238G	500k	3

802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

5795MHz

24/11/2017



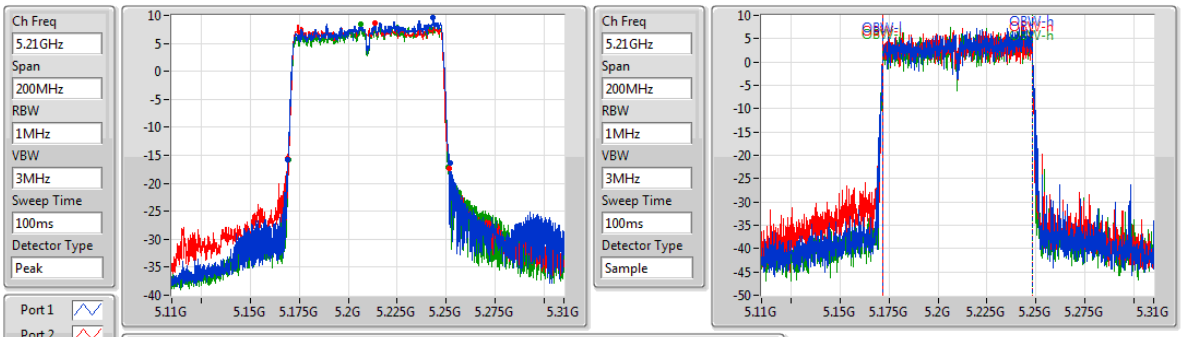
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.3M	5.77725G	5.81255G	53.673M	5.767864G	5.821537G	500k	1
35.7M	5.7768G	5.8125G	65.167M	5.762966G	5.828133G	500k	2
35.3M	5.7772G	5.8125G	52.824M	5.769113G	5.821937G	500k	3

802.11ac VHT80_Nss1,(MCS0)_3TX

EBW

5210MHz

24/11/2017



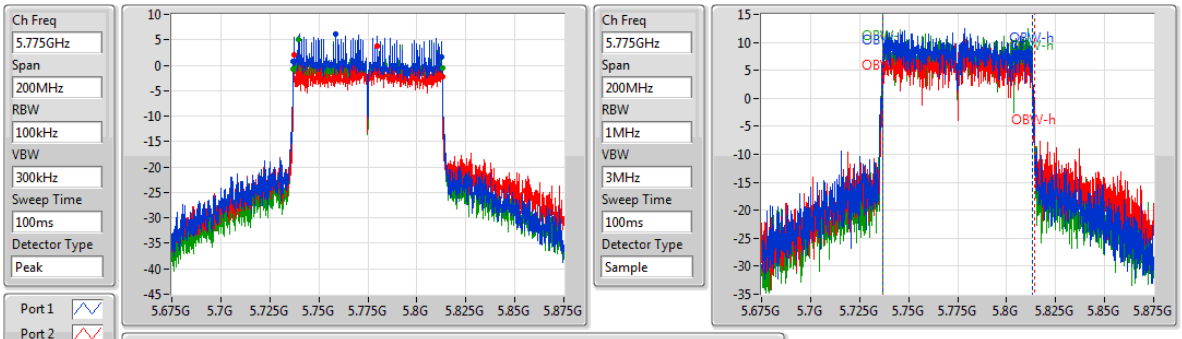
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.6M	5.1693G	5.2519G	76.062M	5.172019G	5.248081G	Inf	1
82.9M	5.1688G	5.2517G	75.962M	5.172019G	5.247981G	Inf	2
81.4M	5.1694G	5.2508G	75.962M	5.172019G	5.247981G	Inf	3

802.11ac VHT80_Nss1,(MCS0)_3TX

EBW

5775MHz

24/11/2017

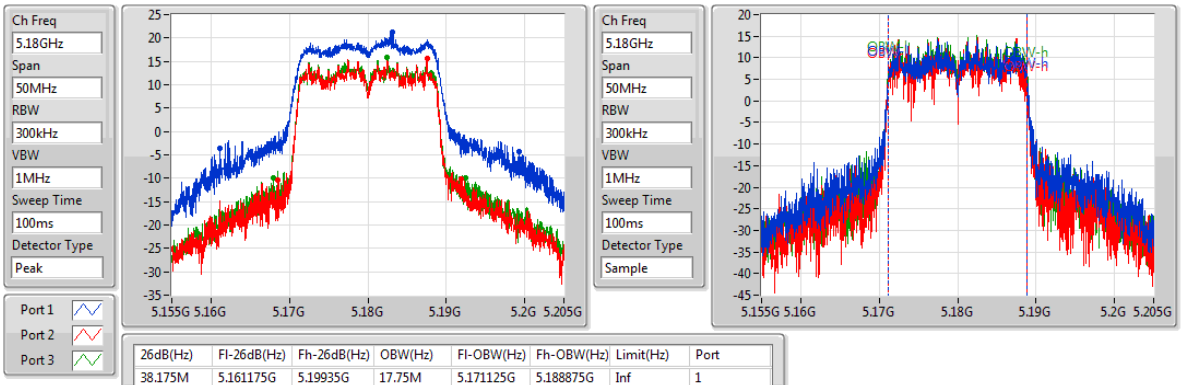


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.8M	5.7368G	5.8126G	76.362M	5.736719G	5.813081G	500k	1
75.5M	5.7374G	5.8129G	77.461M	5.736719G	5.81418G	500k	2
76.2M	5.7369G	5.8131G	76.262M	5.736719G	5.812981G	500k	3

802.11ac VHT20-BF_Nss1,(MCS0)_3TX EBW

5180MHz

05/01/2018

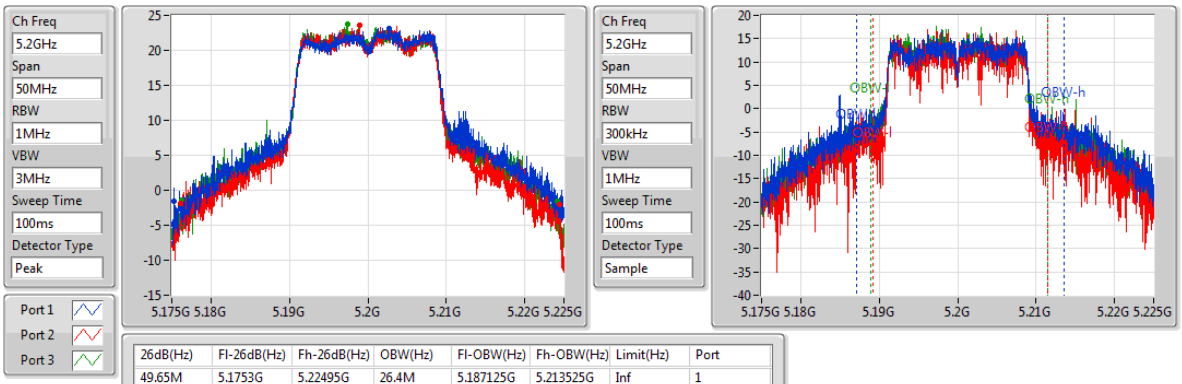


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.175M	5.161175G	5.19935G	17.75M	5.171125G	5.188875G	Inf	1
23.45M	5.168525G	5.191975G	17.675M	5.171175G	5.18885G	Inf	2
24.5M	5.16795G	5.19245G	17.675M	5.171175G	5.18885G	Inf	3

802.11ac VHT20-BF_Nss1,(MCS0)_3TX EBW

5200MHz

05/01/2018

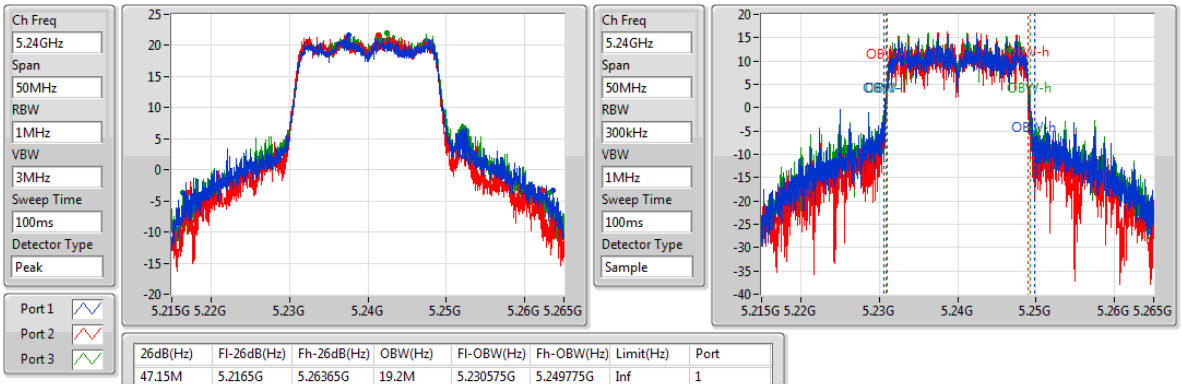


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.65M	5.1753G	5.22495G	26.4M	5.187125G	5.213525G	Inf	1
48.325M	5.1761G	5.224425G	22.325M	5.189175G	5.2115G	Inf	2
47.975M	5.17625G	5.224225G	22.625M	5.1889G	5.211525G	Inf	3

802.11ac VHT20-BF_Nss1,(MCS0)_3TX EBW

5240MHz

05/01/2018



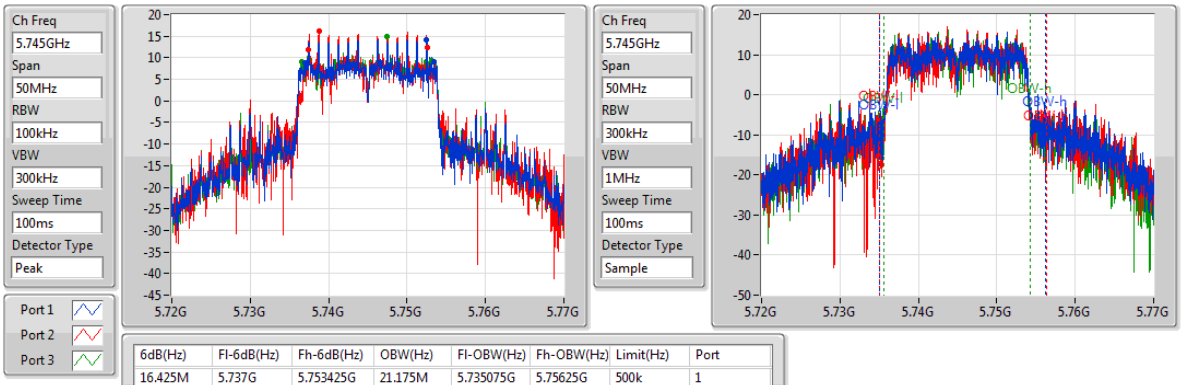
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
47.15M	5.2165G	5.26365G	19.2M	5.230575G	5.249775G	Inf	1
45.3M	5.217025G	5.262325G	17.9M	5.231025G	5.248925G	Inf	2
46.775M	5.21645G	5.263225G	18.4M	5.23085G	5.24925G	Inf	3

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

EBW

5745MHz

05/01/2018



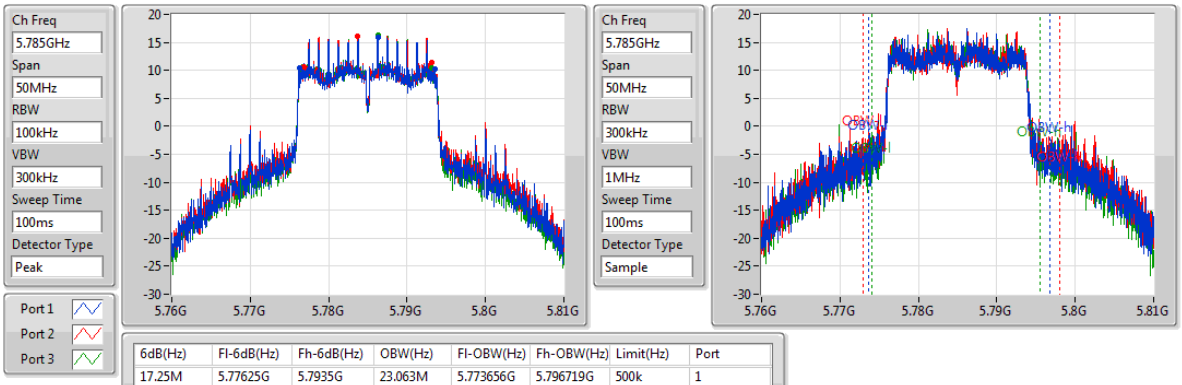
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.425M	5.737G	5.753425G	21.175M	5.735075G	5.75625G	500k	1
15.15M	5.737425G	5.752575G	21.375M	5.735025G	5.7564G	500k	2
16.625M	5.736525G	5.75315G	18.625M	5.735625G	5.75425G	500k	3

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

EBW

5785MHz

06/01/2018



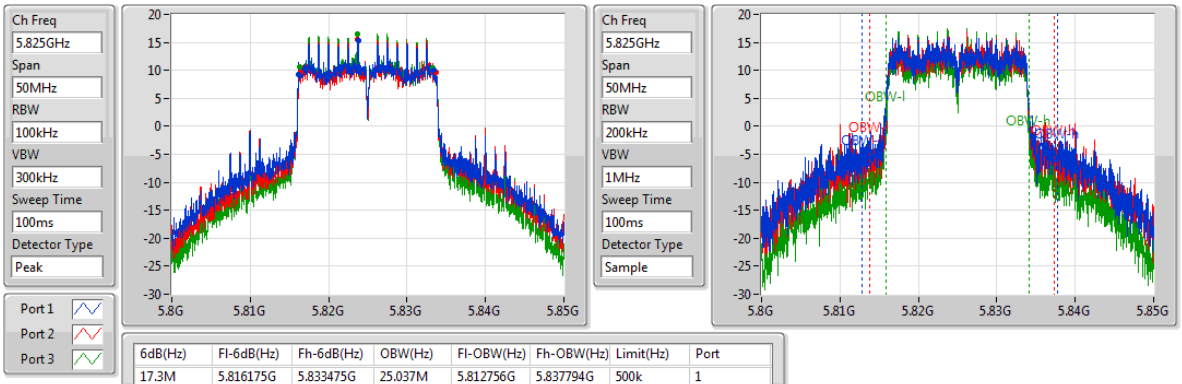
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.25M	5.77625G	5.7935G	23.063M	5.773656G	5.796719G	500k	1
16.275M	5.776875G	5.79315G	25.087M	5.772931G	5.798018G	500k	2
16.5M	5.77665G	5.79315G	21.364M	5.77413G	5.795495G	500k	3

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

EBW

5825MHz

16/01/2018

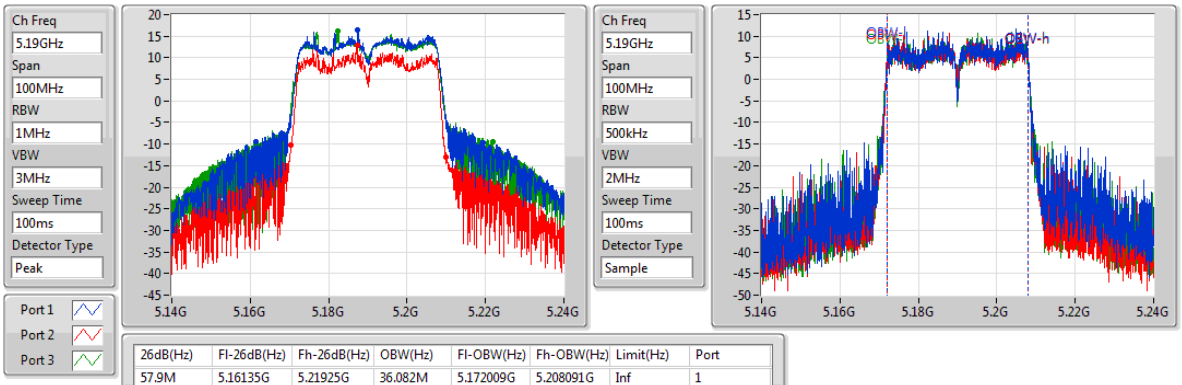


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.3M	5.816175G	5.833475G	25.037M	5.812756G	5.837794G	500k	1
17.325M	5.8164G	5.833725G	23.538M	5.813831G	5.837369G	500k	2
17.075M	5.816275G	5.83335G	18.216M	5.81593G	5.834145G	500k	3

802.11ac VHT40-BF_Nss1,(MCS0)_3TX EBW

5190MHz

05/01/2018

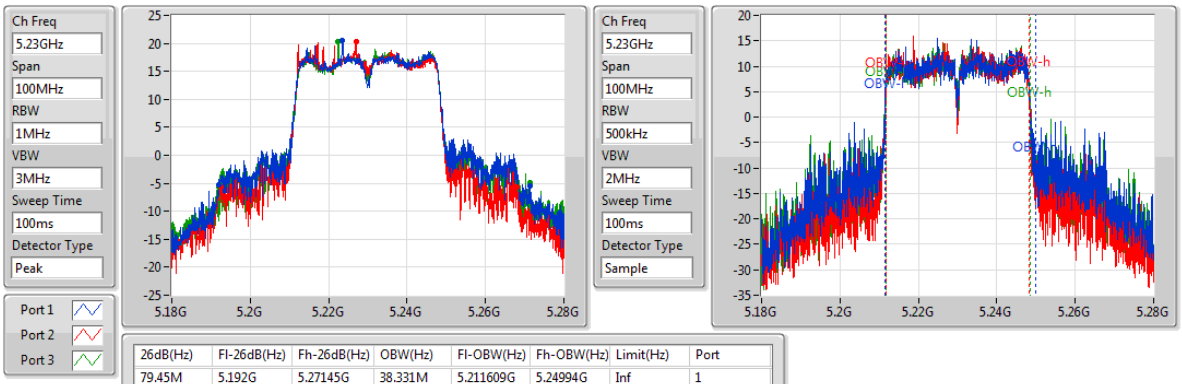


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
57.9M	5.16135G	5.21925G	36.082M	5.172009G	5.208091G	Inf	1
39.7M	5.17025G	5.20995G	36.082M	5.171959G	5.208041G	Inf	2
60.35M	5.16145G	5.2218G	36.032M	5.172009G	5.208041G	Inf	3

802.11ac VHT40-BF_Nss1,(MCS0)_3TX EBW

5230MHz

06/01/2018

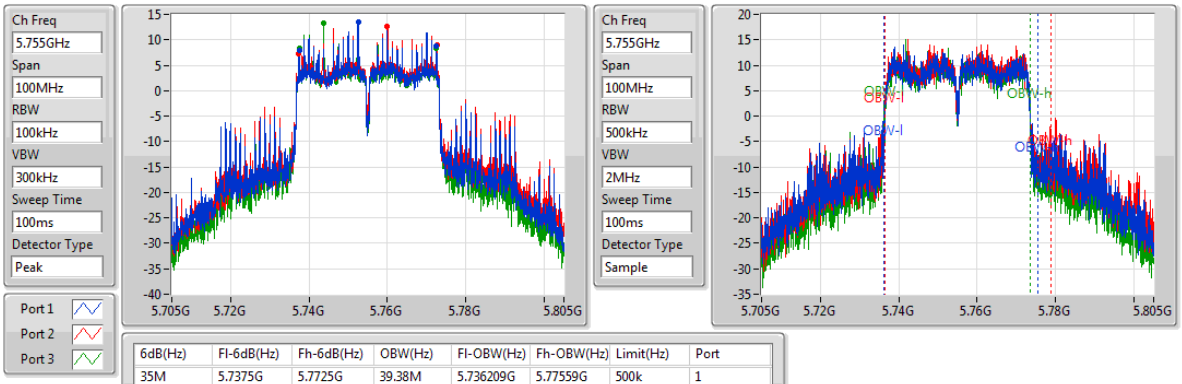


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.45M	5.192G	5.27145G	38.331M	5.211609G	5.24994G	Inf	1
75.6M	5.1925G	5.2681G	36.332M	5.211859G	5.248191G	Inf	2
79.6M	5.1919G	5.2715G	36.782M	5.211759G	5.248541G	Inf	3

802.11ac VHT40-BF_Nss1,(MCS0)_3TX EBW

5755MHz

05/01/2018



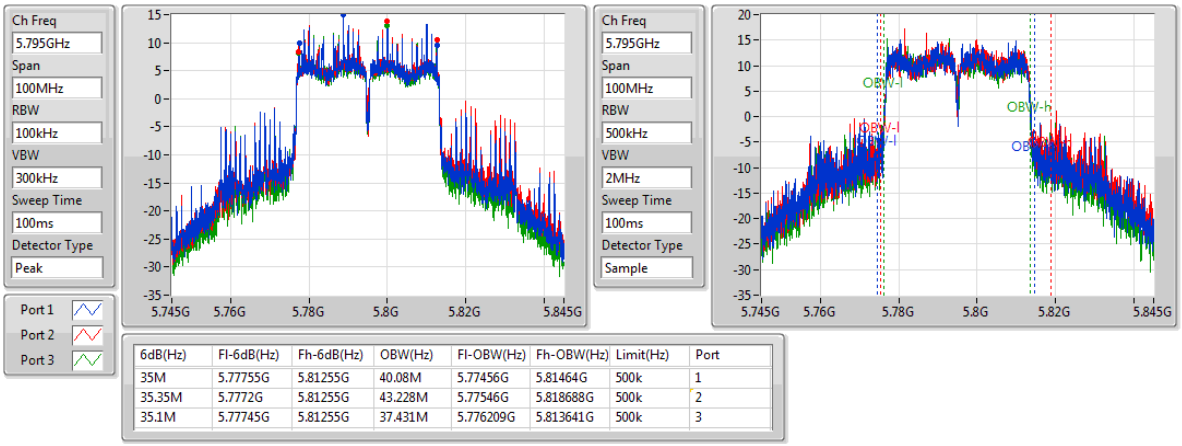
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	5.7375G	5.7725G	39.38M	5.736209G	5.77559G	500k	1
35.1M	5.73745G	5.77255G	42.279M	5.736459G	5.778738G	500k	2
35M	5.7375G	5.7725G	36.832M	5.736609G	5.773441G	500k	3

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

EBW

5795MHz

05/01/2018



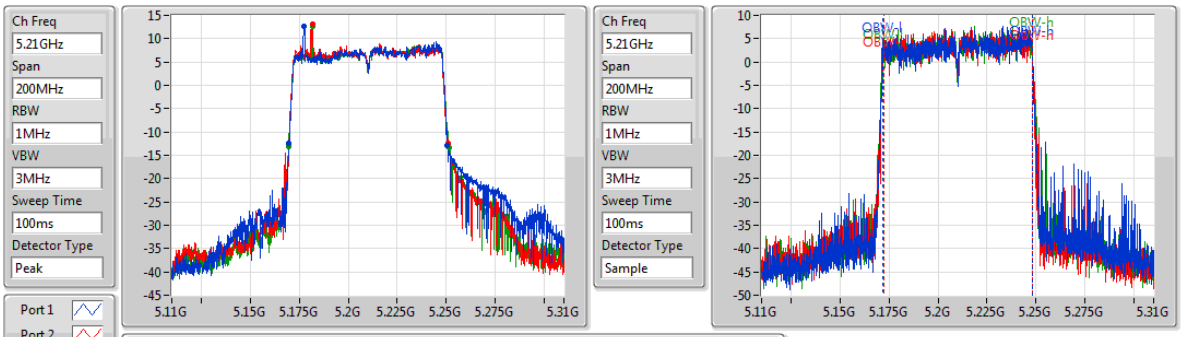
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	5.77755G	5.81255G	40.08M	5.77456G	5.81464G	500k	1
35.35M	5.7772G	5.81255G	43.228M	5.77546G	5.818688G	500k	2
35.1M	5.77745G	5.81255G	37.431M	5.776209G	5.813641G	500k	3

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

EBW

5210MHz

06/01/2018



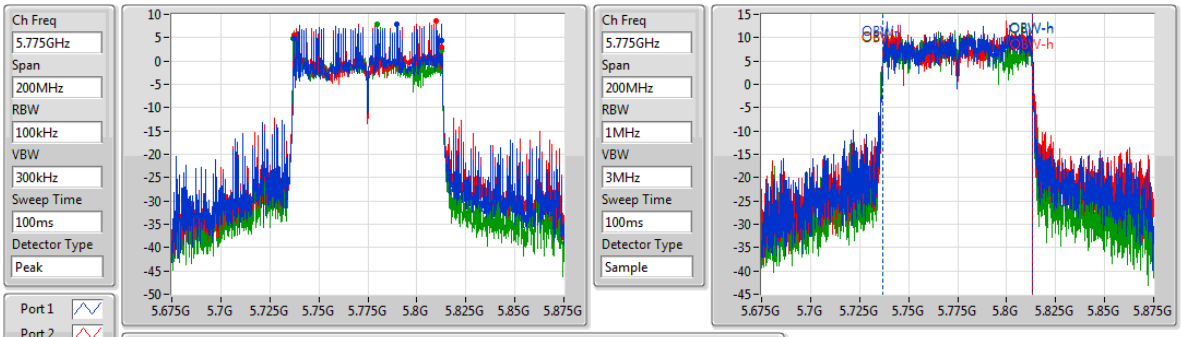
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.9M	5.1697G	5.2506G	76.162M	5.171819G	5.247981G	Inf	1
81.5M	5.1696G	5.2511G	75.862M	5.172119G	5.247981G	Inf	2
82.1M	5.1696G	5.2517G	75.962M	5.172119G	5.248081G	Inf	3

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

EBW

5775MHz

05/01/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.1M	5.7375G	5.8126G	76.162M	5.737019G	5.813181G	500k	1
75.2M	5.7374G	5.8126G	76.262M	5.736919G	5.813181G	500k	2
75.8M	5.7368G	5.8126G	75.962M	5.737019G	5.812981G	500k	3

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_3TX	29.96	0.99083
802.11ac VHT20_Nss1,(MCS0)_3TX	29.84	0.96383
802.11ac VHT40_Nss1,(MCS0)_3TX	28.81	0.76033
802.11ac VHT80_Nss1,(MCS0)_3TX	22.17	0.16482
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	29.95	0.98855
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	28.76	0.75162
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	22.64	0.18365
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_3TX	29.78	0.95060
802.11ac VHT20_Nss1,(MCS0)_3TX	29.73	0.93972
802.11ac VHT40_Nss1,(MCS0)_3TX	29.92	0.98175
802.11ac VHT80_Nss1,(MCS0)_3TX	26.30	0.42658
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	29.89	0.97499
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	29.72	0.93756
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	27.11	0.51404

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	5.00	22.59	21.89	22.84	27.23	30.00
5200MHz	Pass	5.00	25.43	24.34	25.67	29.96	30.00
5240MHz	Pass	5.00	24.9	24.17	25.31	29.59	30.00
5745MHz	Pass	5.00	24.95	22.65	24.93	29.07	30.00
5785MHz	Pass	5.00	24.88	23.06	24.54	29.00	30.00
5825MHz	Pass	5.00	25.95	22.89	25.59	29.78	30.00
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	5.00	22.62	21.28	22.54	26.96	30.00
5200MHz	Pass	5.00	24.91	23.93	25.18	29.48	30.00
5240MHz	Pass	5.00	25.37	24.19	25.54	29.84	30.00
5745MHz	Pass	5.00	24.23	22.12	24.13	28.37	30.00
5785MHz	Pass	5.00	24.76	22.62	24.28	28.75	30.00
5825MHz	Pass	5.00	25.7	23.72	25.23	29.73	30.00
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	5.00	20.72	20.01	20.91	25.33	30.00
5230MHz	Pass	5.00	24.03	23.57	24.48	28.81	30.00
5755MHz	Pass	5.00	25.76	23.54	25.54	29.83	30.00
5795MHz	Pass	5.00	25.87	23.83	25.49	29.92	30.00
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	5.00	17.71	17.54	16.91	22.17	30.00
5775MHz	Pass	5.00	22.4	20.22	21.69	26.30	30.00
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	5.65	22.36	23.01	22.98	27.56	30.00
5200MHz	Pass	5.65	25.03	25.47	25.01	29.95	30.00
5240MHz	Pass	5.65	24.77	25.02	24.92	29.68	30.00
5745MHz	Pass	5.11	24.25	24.69	23.16	28.85	30.00
5785MHz	Pass	5.11	23.47	24.36	24.22	28.81	30.00
5825MHz	Pass	5.11	25.23	24.64	25.45	29.89	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	5.65	20.80	20.73	20.66	25.50	30.00
5230MHz	Pass	5.65	24.11	24.14	23.69	28.76	30.00
5755MHz	Pass	5.11	24.15	24.82	23.66	29.01	30.00
5795MHz	Pass	5.11	24.98	25.28	24.54	29.72	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	5.65	17.78	17.84	17.97	22.64	30.00
5775MHz	Pass	5.11	22.56	22.67	21.72	27.11	30.00

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_3TX	16.89
802.11ac VHT20_Nss1,(MCS0)_3TX	16.63
802.11ac VHT40_Nss1,(MCS0)_3TX	12.87
802.11ac VHT80_Nss1,(MCS0)_3TX	3.16
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	14.23
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	13.02
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	3.70
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_3TX	15.48
802.11ac VHT20_Nss1,(MCS0)_3TX	15.05
802.11ac VHT40_Nss1,(MCS0)_3TX	12.82
802.11ac VHT80_Nss1,(MCS0)_3TX	5.85
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	15.23
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	12.40
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	6.30

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

Result

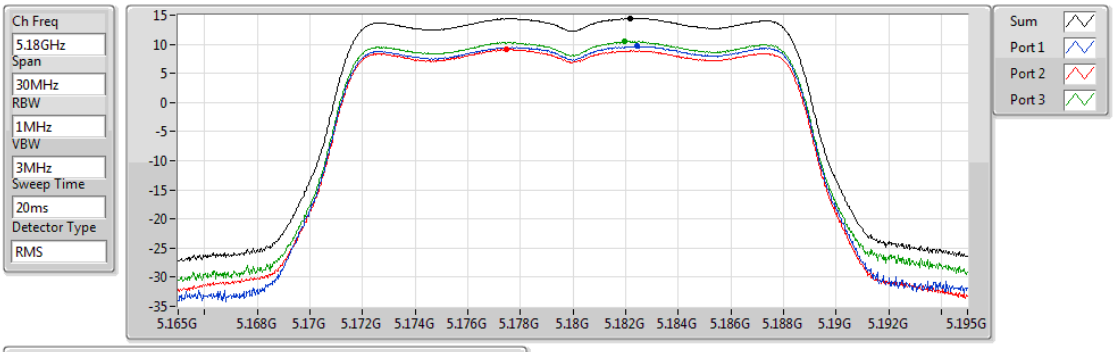
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	5.65	9.63	9.17	10.46	14.45	17.00
5200MHz	Pass	5.65	12.11	11.54	12.85	16.89	17.00
5240MHz	Pass	5.65	11.63	11.08	12.61	16.50	17.00
5745MHz	Pass	5.11	11.01	8.78	10.95	15.05	30.00
5785MHz	Pass	5.11	10.85	9.02	10.68	14.97	30.00
5825MHz	Pass	5.11	11.58	8.79	11.48	15.48	30.00
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	5.65	9.41	8.4	9.8	13.97	17.00
5200MHz	Pass	5.65	11.98	10.93	12.33	16.52	17.00
5240MHz	Pass	5.65	12.08	11.06	12.43	16.63	17.00
5745MHz	Pass	5.11	10.28	7.77	10.03	14.19	30.00
5785MHz	Pass	5.11	10.45	8.25	10.06	14.35	30.00
5825MHz	Pass	5.11	11.24	8.4	11.02	15.05	30.00
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	5.65	5.15	3.92	5.31	9.56	17.00
5230MHz	Pass	5.65	8.5	7.35	8.53	12.87	17.00
5755MHz	Pass	5.11	8.8	6.65	8.47	12.77	30.00
5795MHz	Pass	5.11	8.76	6.83	8.4	12.82	30.00
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	5.65	-0.63	-2.09	-2.08	3.16	17.00
5775MHz	Pass	5.11	2.42	0.11	1.17	5.85	30.00
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	5.65	8.04	6.19	7.76	11.75	17.00
5200MHz	Pass	5.65	11.08	7.38	10.88	14.23	17.00
5240MHz	Pass	5.65	9.07	8.26	10.40	13.66	17.00
5745MHz	Pass	5.11	3.65	4.80	4.47	8.26	30.00
5785MHz	Pass	5.11	3.90	4.12	3.41	8.18	30.00
5825MHz	Pass	5.11	10.87	10.51	10.83	15.23	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	5.65	4.81	4.52	4.70	9.16	17.00
5230MHz	Pass	5.65	8.44	8.33	8.68	13.02	17.00
5755MHz	Pass	5.11	6.02	6.51	5.73	10.59	30.00
5795MHz	Pass	5.11	7.82	7.85	7.77	12.40	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	5.65	-0.62	-1.23	-0.49	3.70	17.00
5775MHz	Pass	5.11	1.61	2.47	1.40	6.30	30.00

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

802.11a_Nss1,(6Mbps)_3TX PSD

5180MHz

08/12/2017

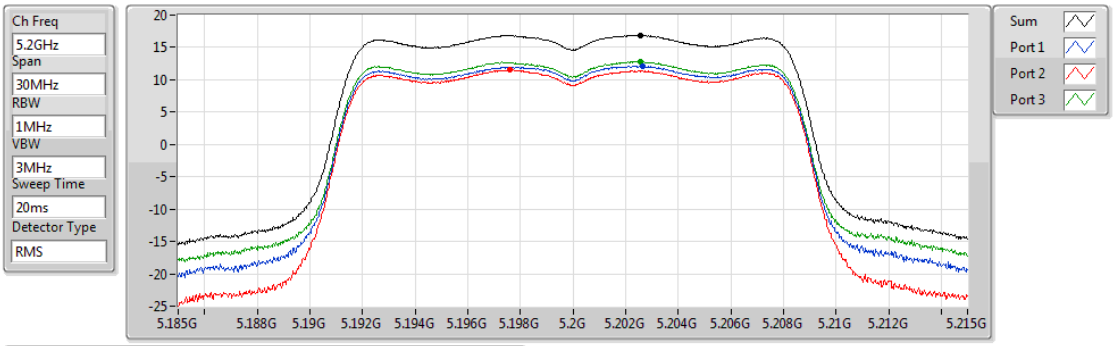


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.45	14.45	9.63	9.17	10.46

802.11a_Nss1,(6Mbps)_3TX PSD

5200MHz

08/12/2017

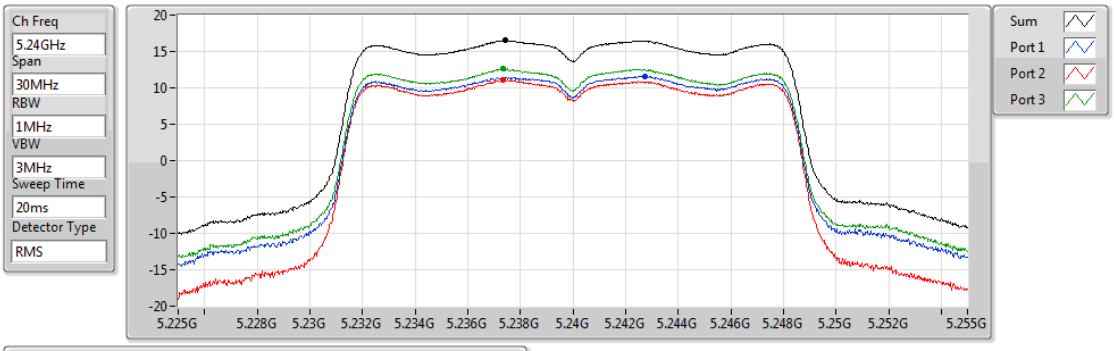


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.89	16.89	12.11	11.54	12.85

802.11a_Nss1,(6Mbps)_3TX PSD

5240MHz

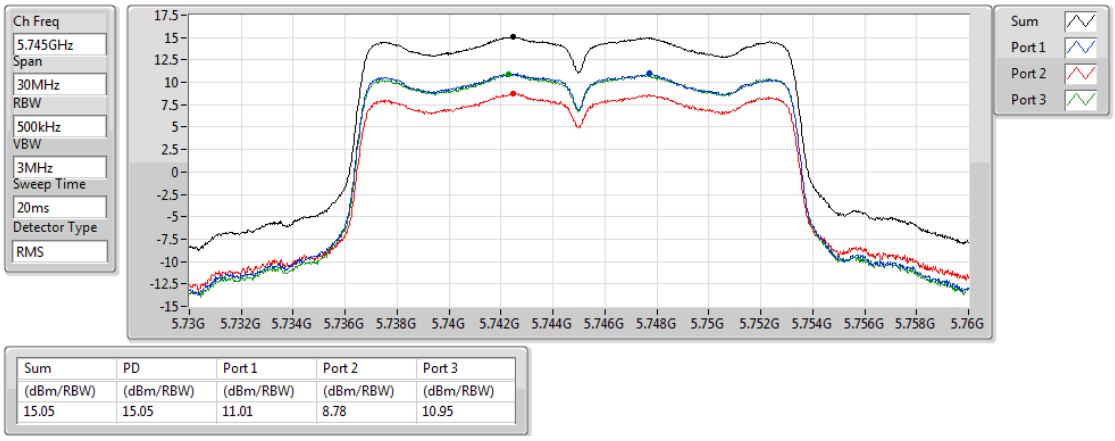
07/02/2018



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.50	16.50	11.63	11.08	12.61

802.11a_Nss1,(6Mbps)_3TX PSD

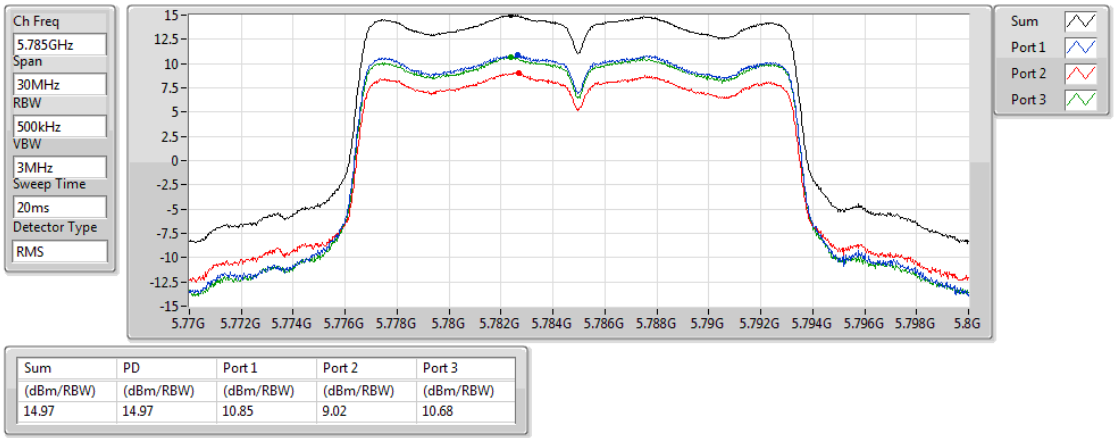
5745MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.05	15.05	11.01	8.78	10.95

802.11a_Nss1,(6Mbps)_3TX PSD

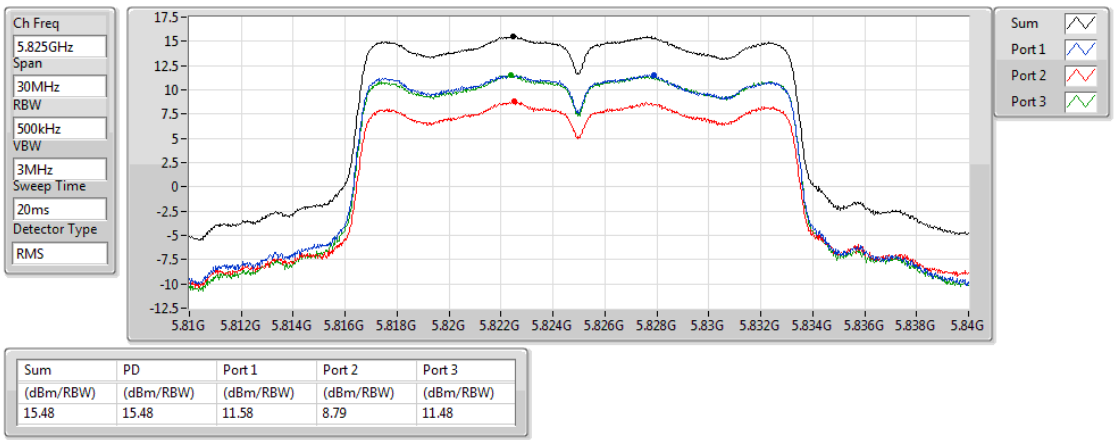
5785MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.97	14.97	10.85	9.02	10.68

802.11a_Nss1,(6Mbps)_3TX PSD

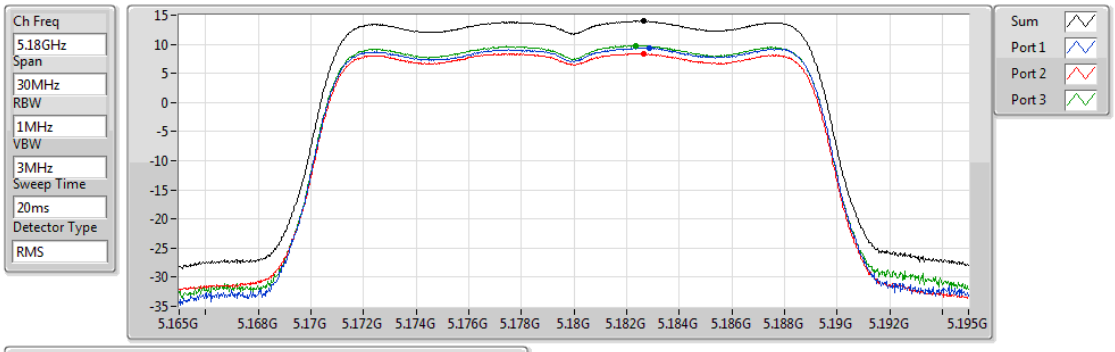
5825MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.48	15.48	11.58	8.79	11.48

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

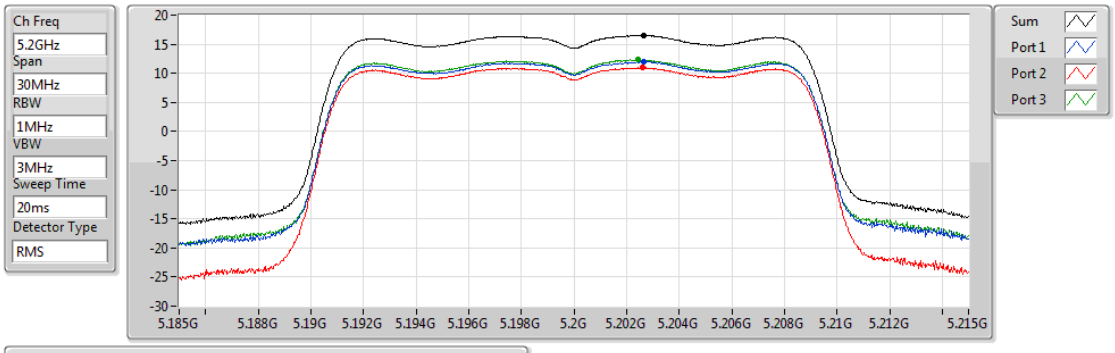
5180MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.97	13.97	9.41	8.40	9.80

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

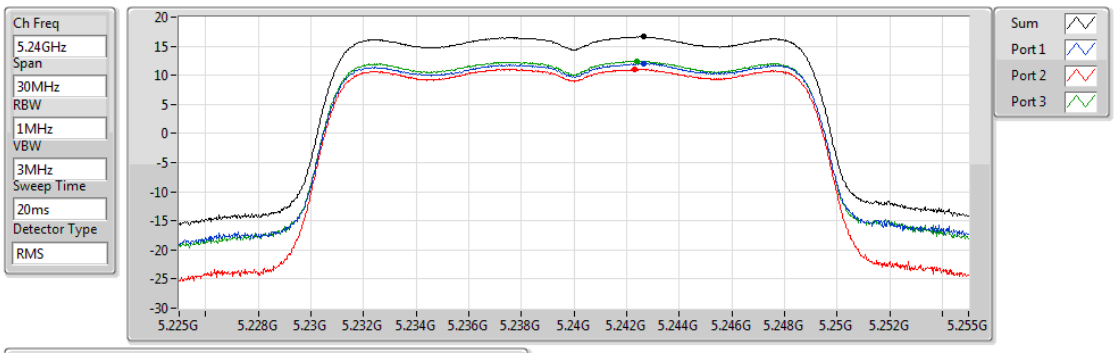
5200MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.52	16.52	11.98	10.93	12.33

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

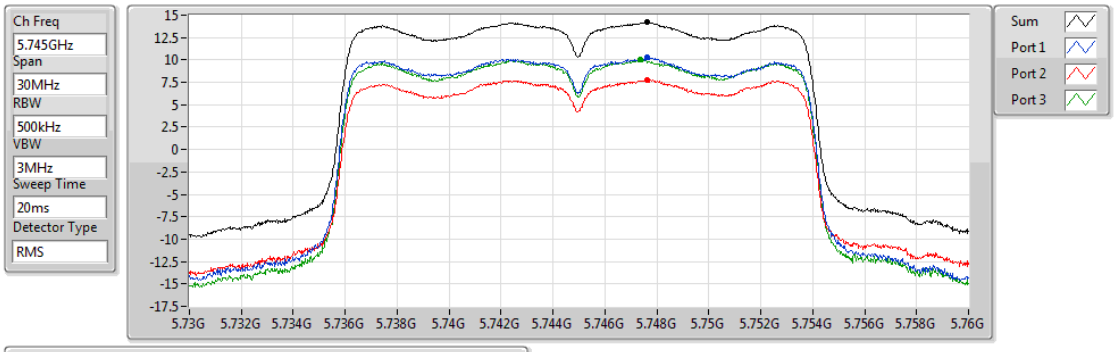
5240MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.63	16.63	12.08	11.06	12.43

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

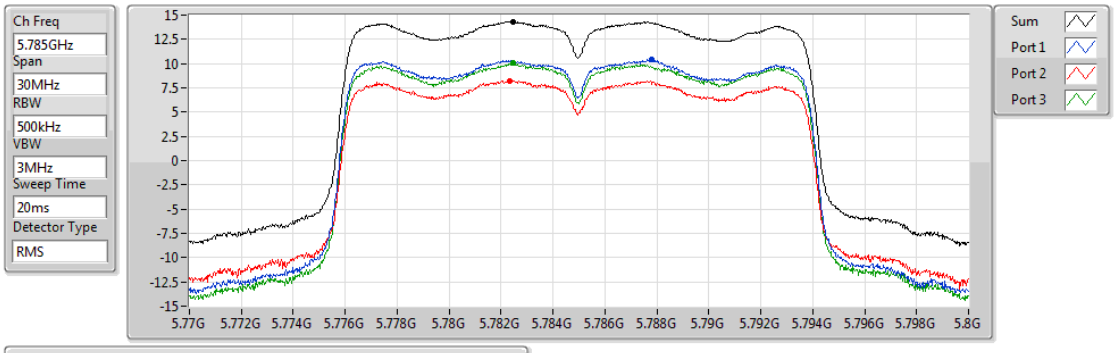
5745MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.19	14.19	10.28	7.77	10.03

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

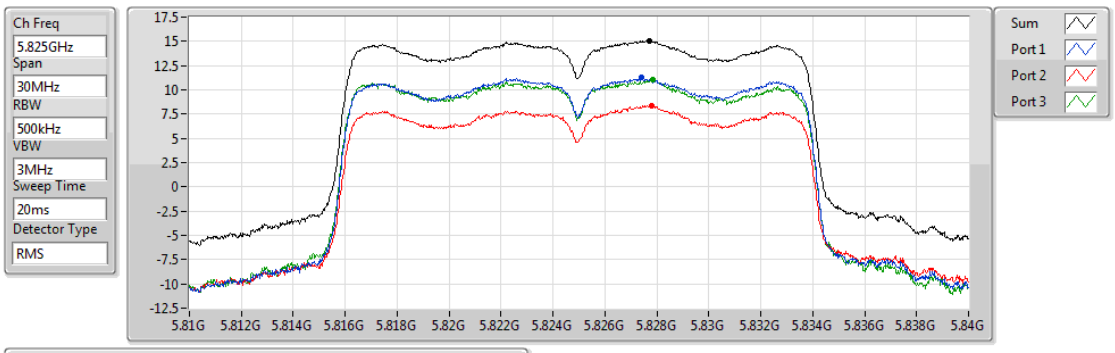
5785MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.35	14.35	10.45	8.25	10.06

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

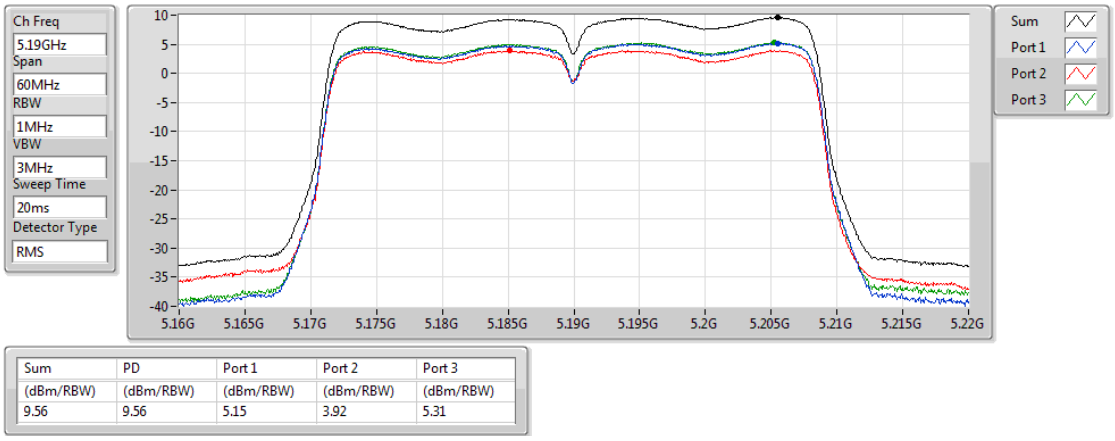
5825MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.05	15.05	11.24	8.40	11.02

802.11ac VHT40_Nss1,(MCS0)_3TX PSD

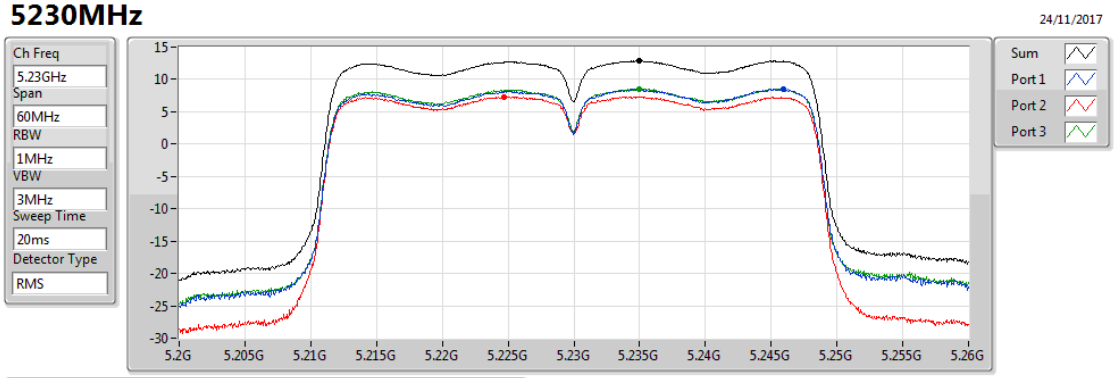
5190MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.56	9.56	5.15	3.92	5.31

802.11ac VHT40_Nss1,(MCS0)_3TX PSD

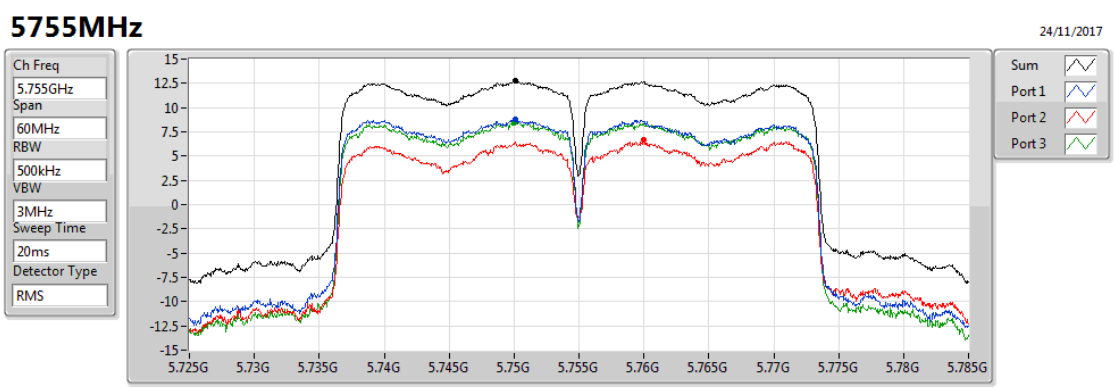
5230MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.87	12.87	8.50	7.35	8.53

802.11ac VHT40_Nss1,(MCS0)_3TX PSD

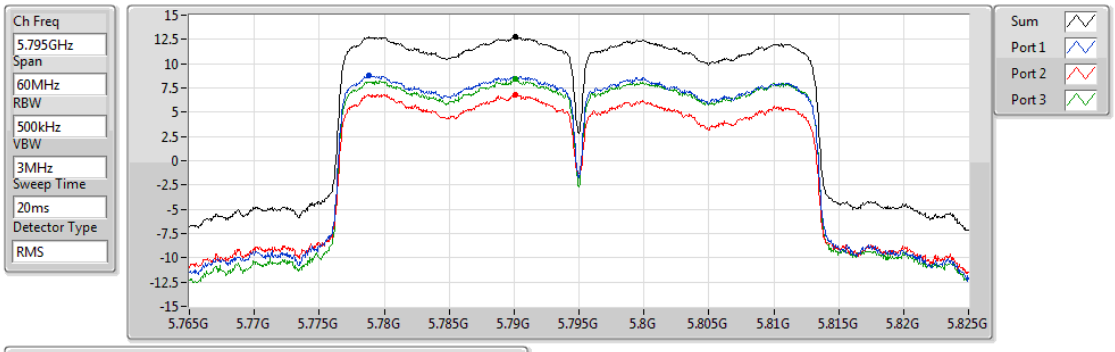
5755MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.77	12.77	8.80	6.65	8.47

802.11ac VHT40_Nss1,(MCS0)_3TX PSD

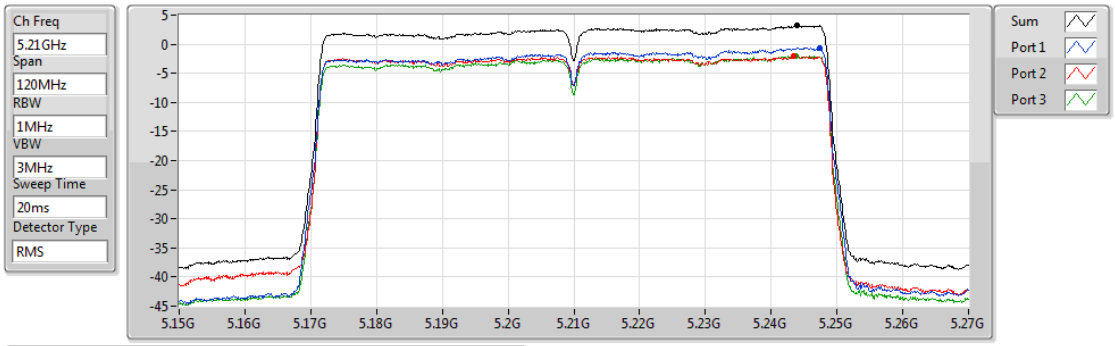
5795MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.82	12.82	8.76	6.83	8.40

802.11ac VHT80_Nss1,(MCS0)_3TX PSD

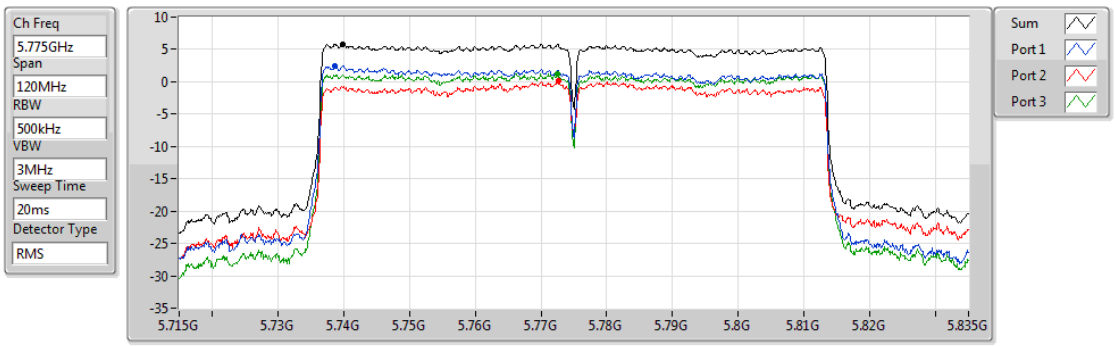
5210MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.16	3.16	-0.63	-2.09	-2.08

802.11ac VHT80_Nss1,(MCS0)_3TX PSD

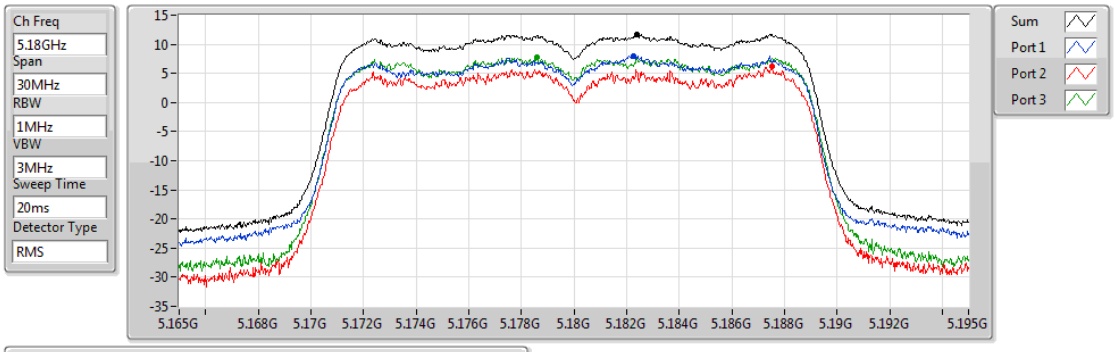
5775MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.85	5.85	2.42	0.11	1.17

802.11ac VHT20-BF_Nss1,(MCS0)_3TX PSD

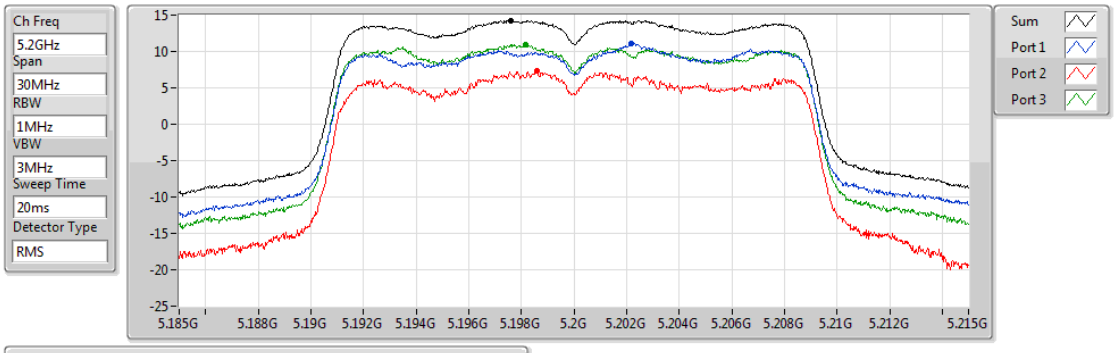
5180MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.75	11.75	8.04	6.19	7.76

802.11ac VHT20-BF_Nss1,(MCS0)_3TX PSD

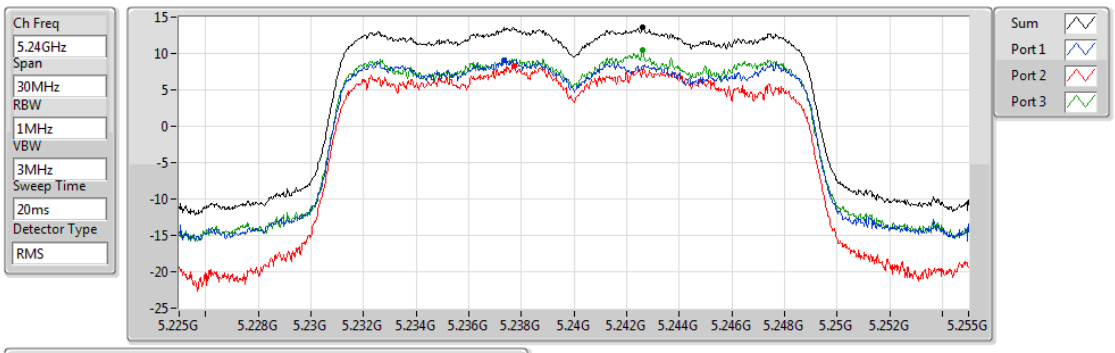
5200MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.23	14.23	11.08	7.38	10.88

802.11ac VHT20-BF_Nss1,(MCS0)_3TX PSD

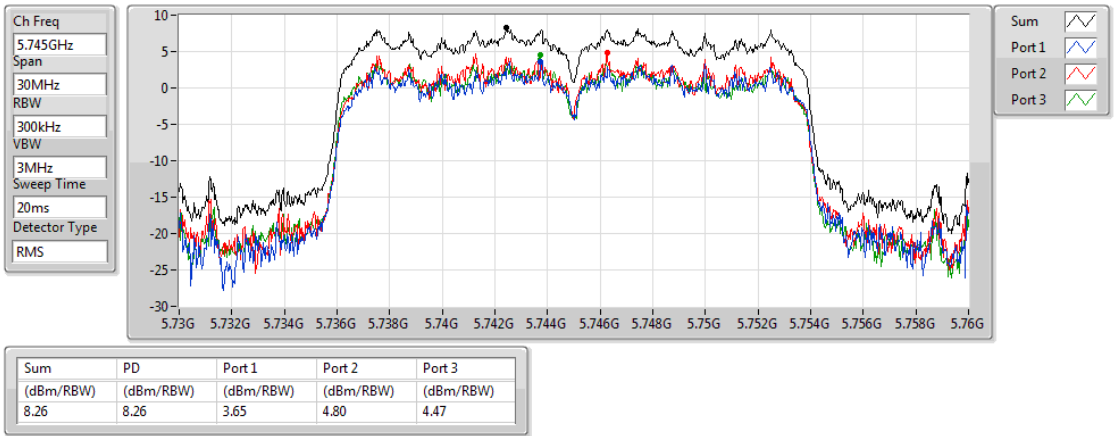
5240MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.66	13.66	9.07	8.26	10.40

802.11ac VHT20-BF_Nss1,(MCS0)_3TX PSD

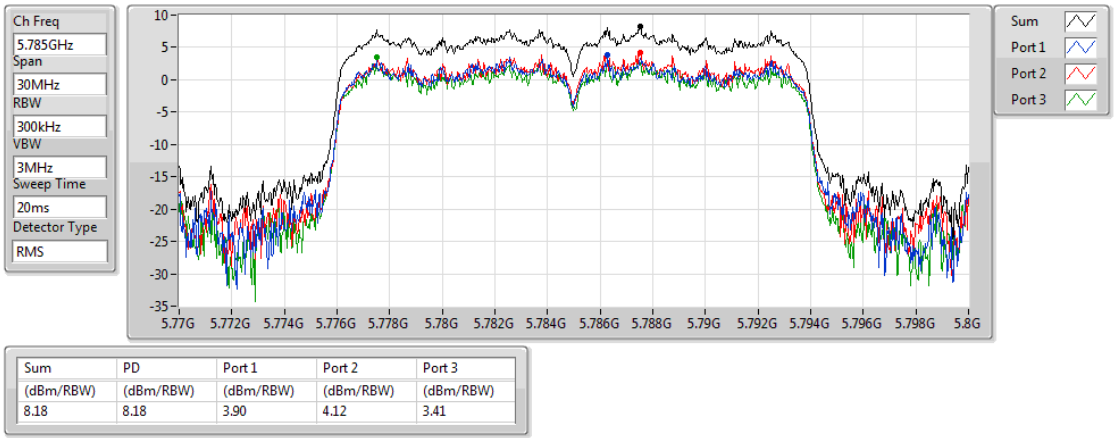
5745MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.26	8.26	3.65	4.80	4.47

802.11ac VHT20-BF_Nss1,(MCS0)_3TX PSD

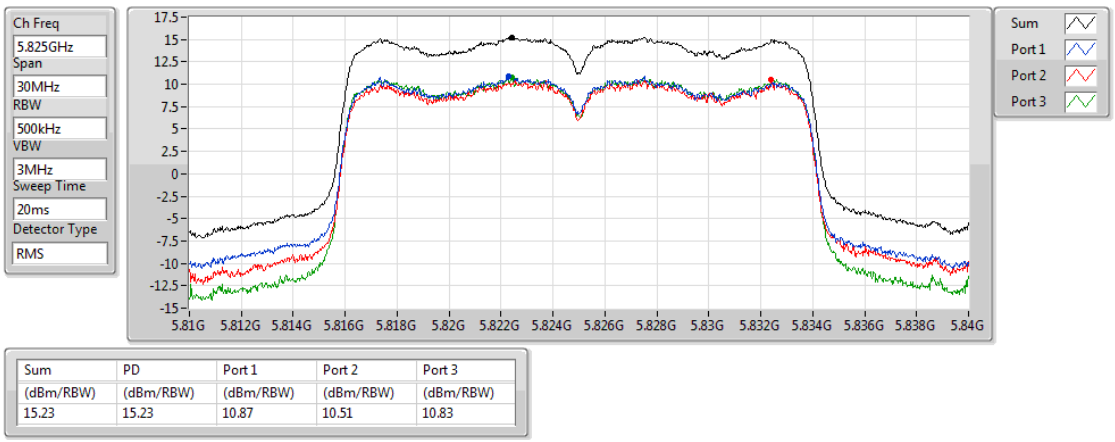
5785MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.18	8.18	3.90	4.12	3.41

802.11ac VHT20-BF_Nss1,(MCS0)_3TX PSD

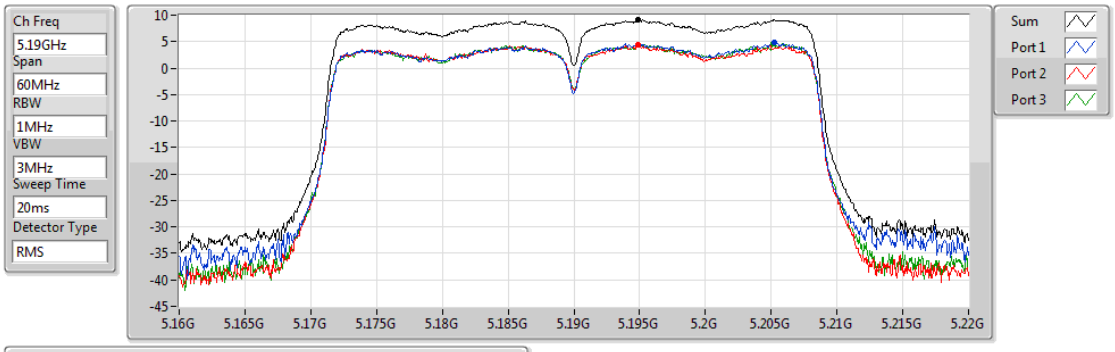
5825MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.23	15.23	10.87	10.51	10.83

802.11ac VHT40-BF_Nss1,(MCS0)_3TX PSD

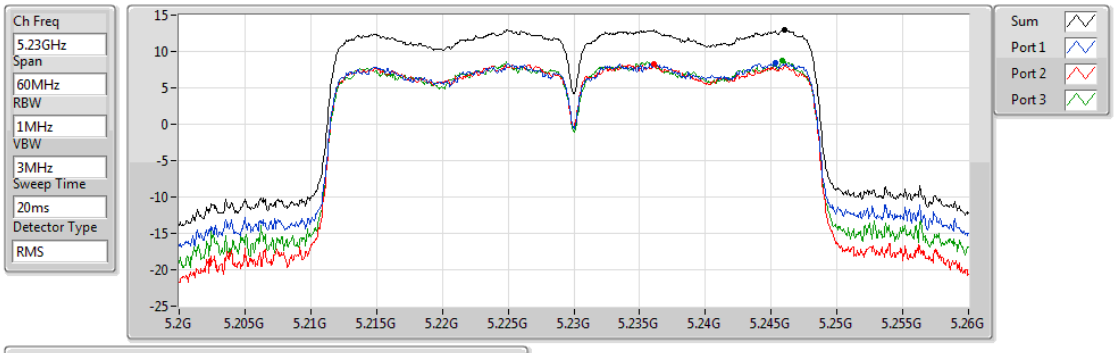
5190MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.16	9.16	4.81	4.52	4.70

802.11ac VHT40-BF_Nss1,(MCS0)_3TX PSD

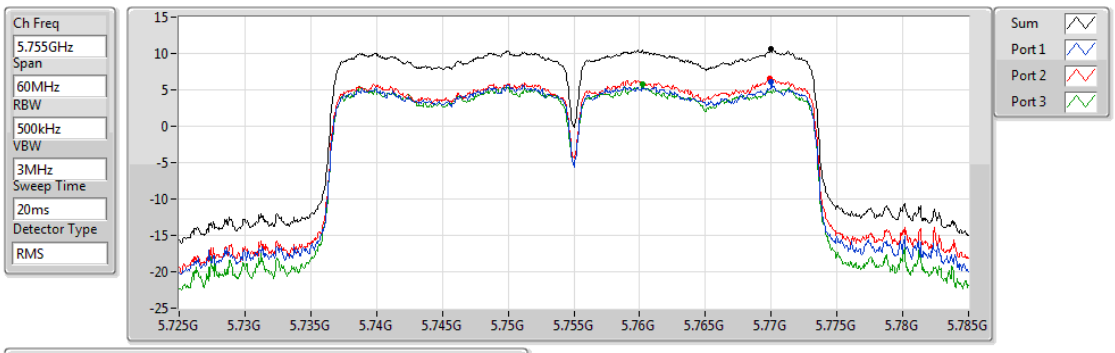
5230MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.02	13.02	8.44	8.33	8.68

802.11ac VHT40-BF_Nss1,(MCS0)_3TX PSD

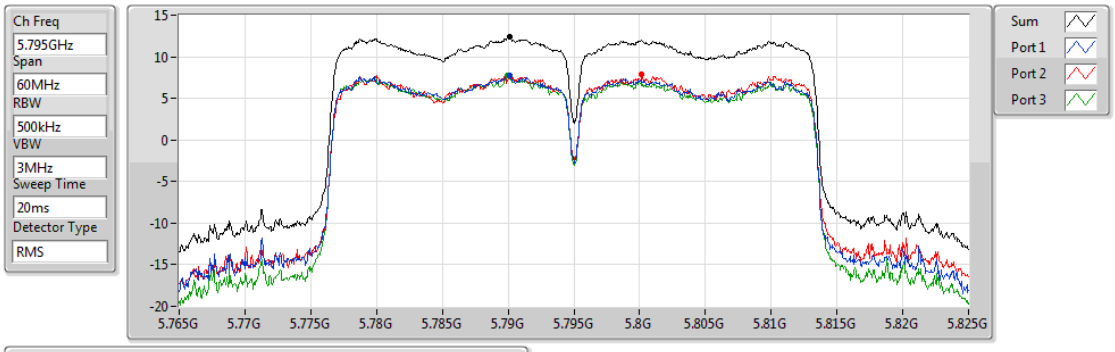
5755MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.59	10.59	6.02	6.51	5.73

802.11ac VHT40-BF_Nss1,(MCS0)_3TX PSD

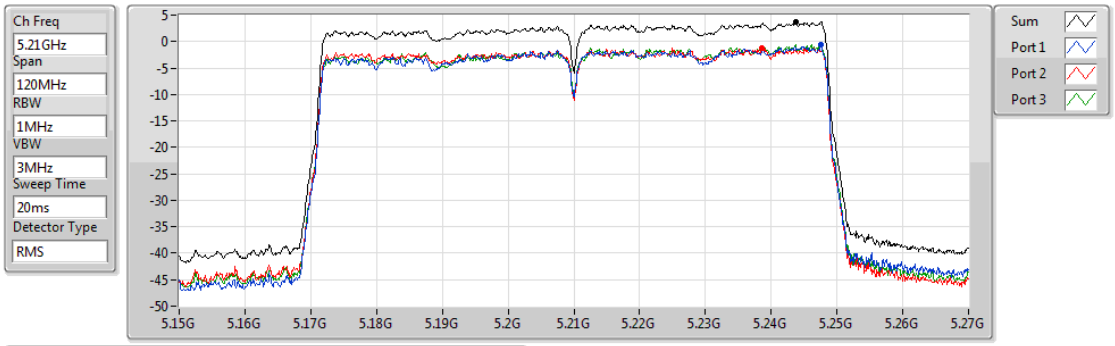
5795MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.40	12.40	7.82	7.85	7.77

802.11ac VHT80-BF_Nss1,(MCS0)_3TX PSD

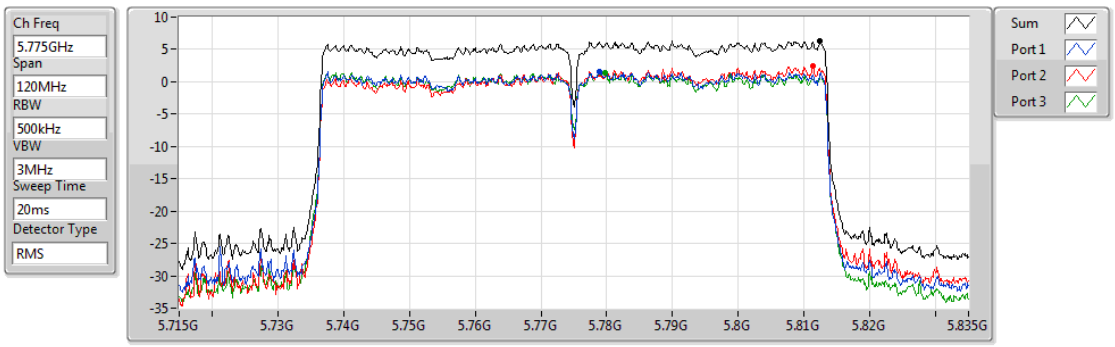
5210MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.70	3.70	-0.62	-1.23	-0.49

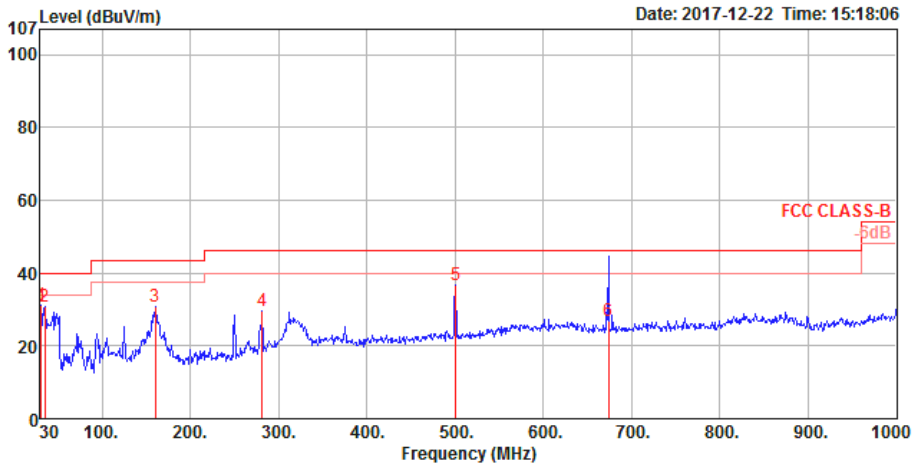
802.11ac VHT80-BF_Nss1,(MCS0)_3TX PSD

5775MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.30	6.30	1.61	2.47	1.40

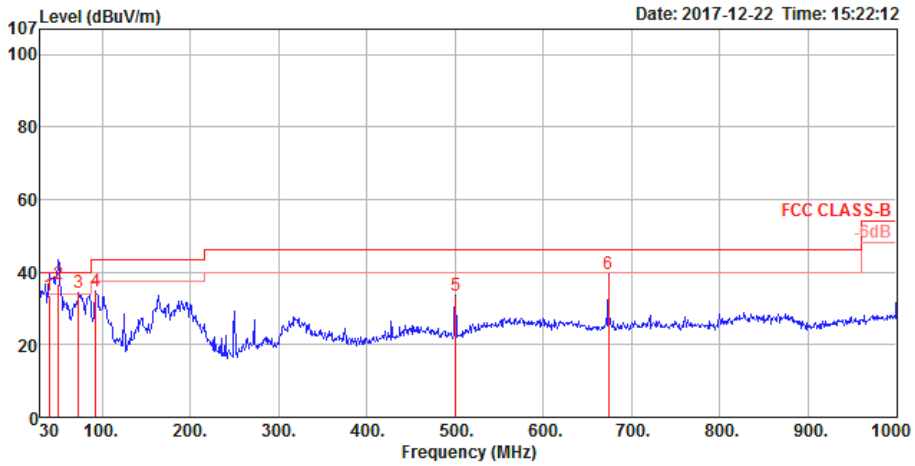
RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	30.97	31.18	40.00	-8.82	38.02	0.66	23.82	31.32	100	228	Peak	HORIZONTAL
2	34.85	30.93	40.00	-9.07	40.23	0.66	21.43	31.39	150	240	Peak	HORIZONTAL
3	159.98	30.68	43.50	-12.82	44.91	1.54	16.01	31.78	150	159	Peak	HORIZONTAL
4	281.23	29.63	46.00	-16.37	40.70	2.06	18.76	31.89	100	276	Peak	HORIZONTAL
5	500.45	36.79	46.00	-9.21	42.90	2.77	23.31	32.19	100	252	Peak	HORIZONTAL
6	674.08	26.80	46.00	-19.20	30.70	3.22	25.29	32.41	200	224	QP	HORIZONTAL

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

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



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	39.70	33.53	40.00	-6.47	45.60	0.71	18.69	31.47	100	308	QP	VERTICAL
2	50.37	36.80	40.00	-3.20	53.80	0.89	13.72	31.61	112	249	QP	VERTICAL
3	73.65	34.51	40.00	-5.49	52.93	1.05	12.21	31.68	150	119	Peak	VERTICAL
4	93.05	34.92	43.50	-8.58	49.90	1.19	15.55	31.72	150	214	Peak	VERTICAL
5	500.45	33.65	46.00	-12.35	39.76	2.77	23.31	32.19	100	26	Peak	VERTICAL
6	674.08	39.61	46.00	-6.39	43.51	3.22	25.29	32.41	300	176	Peak	VERTICAL

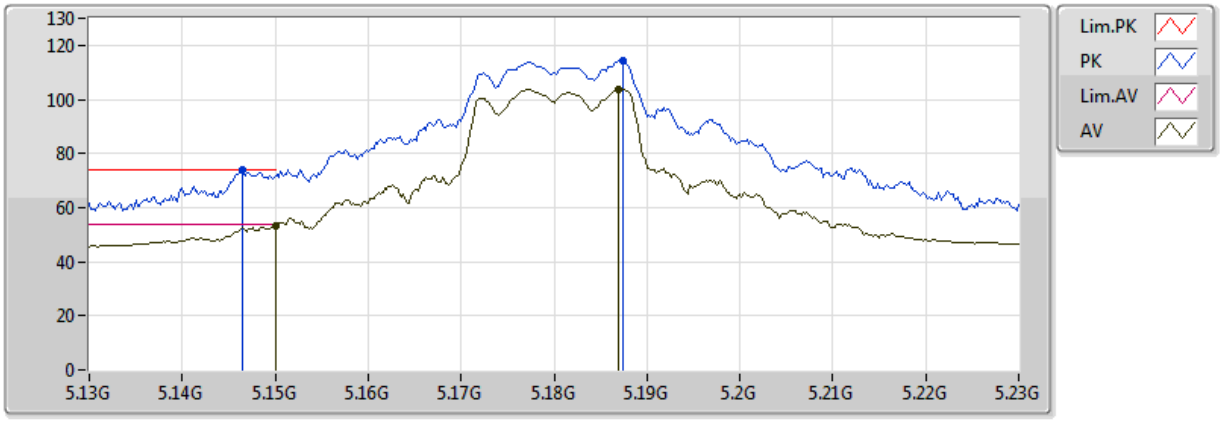
Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

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
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20_Nss1,(MCS0)_3TX	Pass	PK	17.23536G	68.19	68.20	-0.01	17.48	3	Vertical	49	1.80	-

802.11a_Nss1,(6Mbps)_3TX

5180MHz_TX

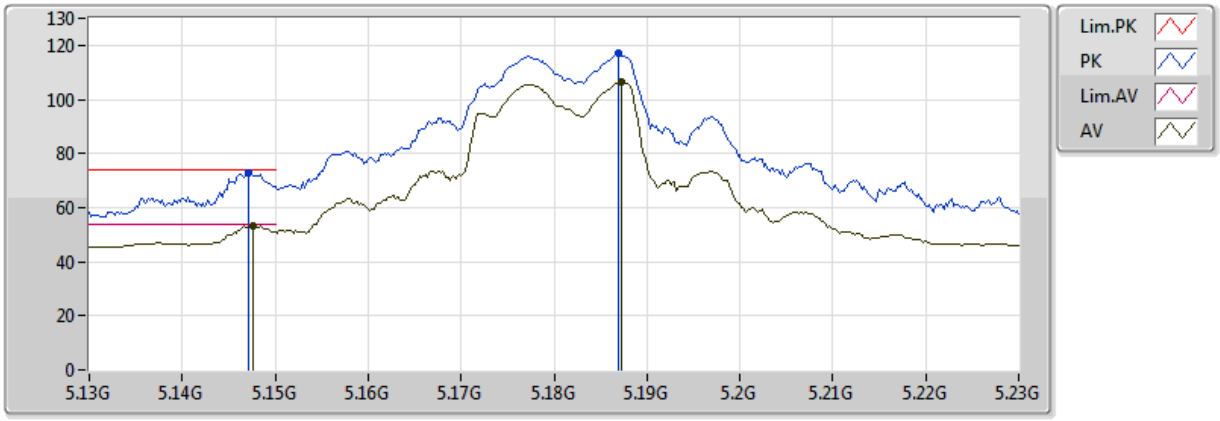


20171123
EUT Y_3TX
Setting 26
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.149995G	53.39	54.00	-0.61	4.06	3	Vertical	262	1.40
AV	5.187G	103.91	Inf	-Inf	4.17	3	Vertical	262	1.40
PK	5.1464G	73.96	74.00	-0.04	4.05	3	Vertical	262	1.40
PK	5.1874G	114.30	Inf	-Inf	4.17	3	Vertical	262	1.40

802.11a_Nss1,(6Mbps)_3TX

5180MHz_TX

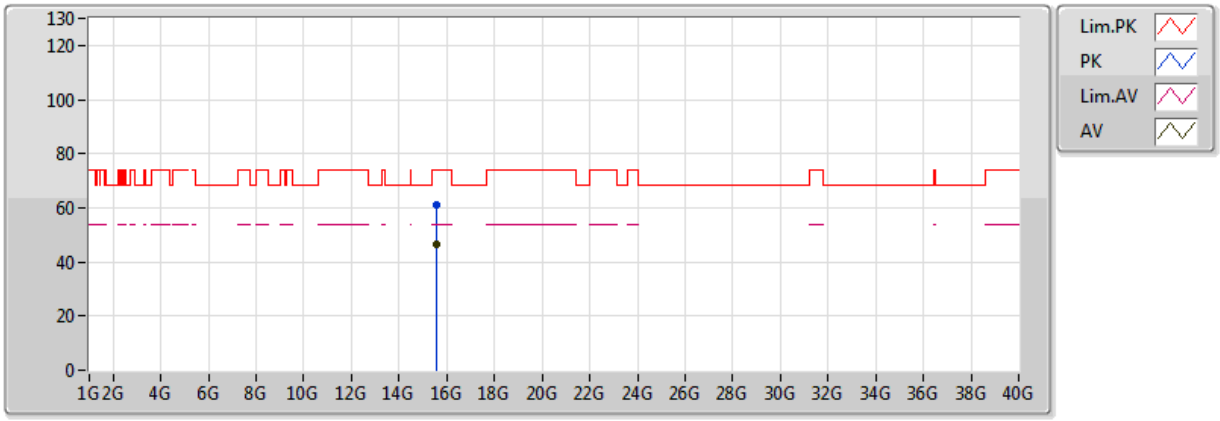


20171123
EUT Y_3TX
Setting 26
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.1476G	53.29	54.00	-0.71	4.05	3	Horizontal	304	2.16
AV	5.1872G	106.56	Inf	-Inf	4.17	3	Horizontal	304	2.16
PK	5.1472G	72.87	74.00	-1.13	4.05	3	Horizontal	304	2.16
PK	5.187G	117.00	Inf	-Inf	4.17	3	Horizontal	304	2.16

802.11a_Nss1,(6Mbps)_3TX

5180MHz_TX

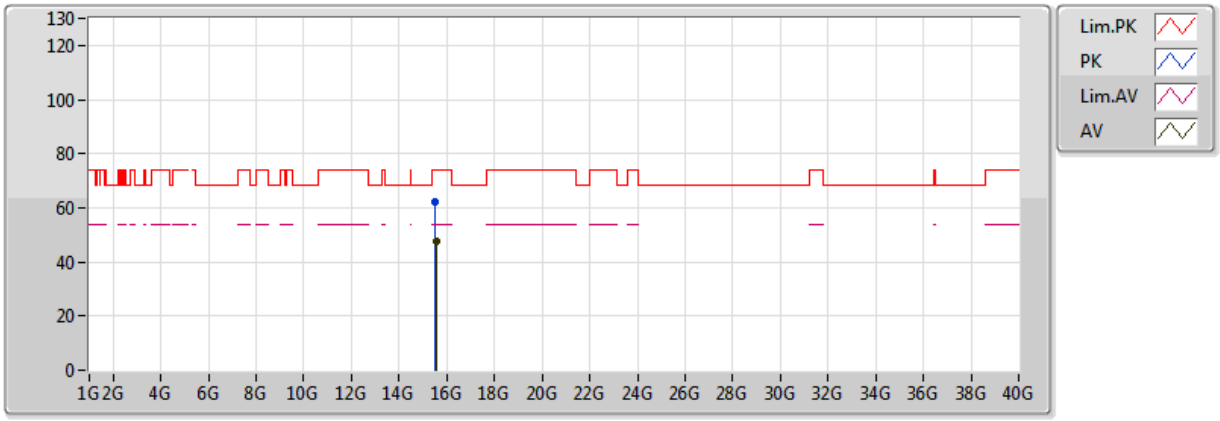


20171123
EUT Y_3TX
Setting 26
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	15.54036G	46.74	54.00	-7.26	15.22	3	Vertical	65	2.12
PK	15.541G	61.15	74.00	-12.85	15.22	3	Vertical	65	2.12

802.11a_Nss1,(6Mbps)_3TX

5180MHz_TX

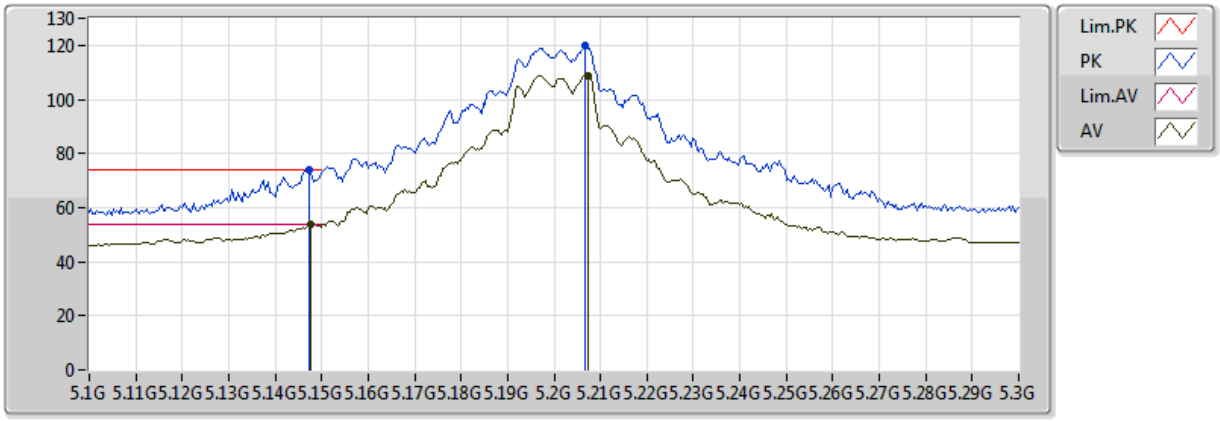


20171123
EUT Y_3TX
Setting 26
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	15.53912G	47.66	54.00	-6.34	15.22	3	Horizontal	93	2.77
PK	15.53736G	62.36	74.00	-11.64	15.23	3	Horizontal	93	2.77

802.11a_Nss1,(6Mbps)_3TX

5200MHz_TX

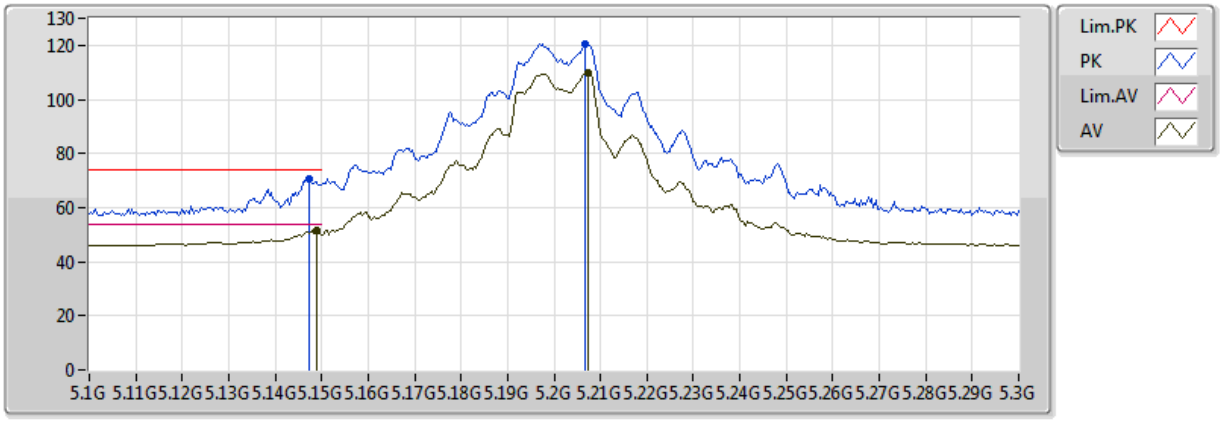


20171123
EUT Y_3TX
Setting 33
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.1476G	53.78	54.00	-0.22	4.05	3	Vertical	264	1.50
AV	5.2072G	108.95	Inf	-Inf	4.23	3	Vertical	264	1.50
PK	5.1472G	73.89	74.00	-0.11	4.05	3	Vertical	264	1.50
PK	5.2068G	119.99	Inf	-Inf	4.23	3	Vertical	264	1.50

802.11a_Nss1,(6Mbps)_3TX

5200MHz_TX

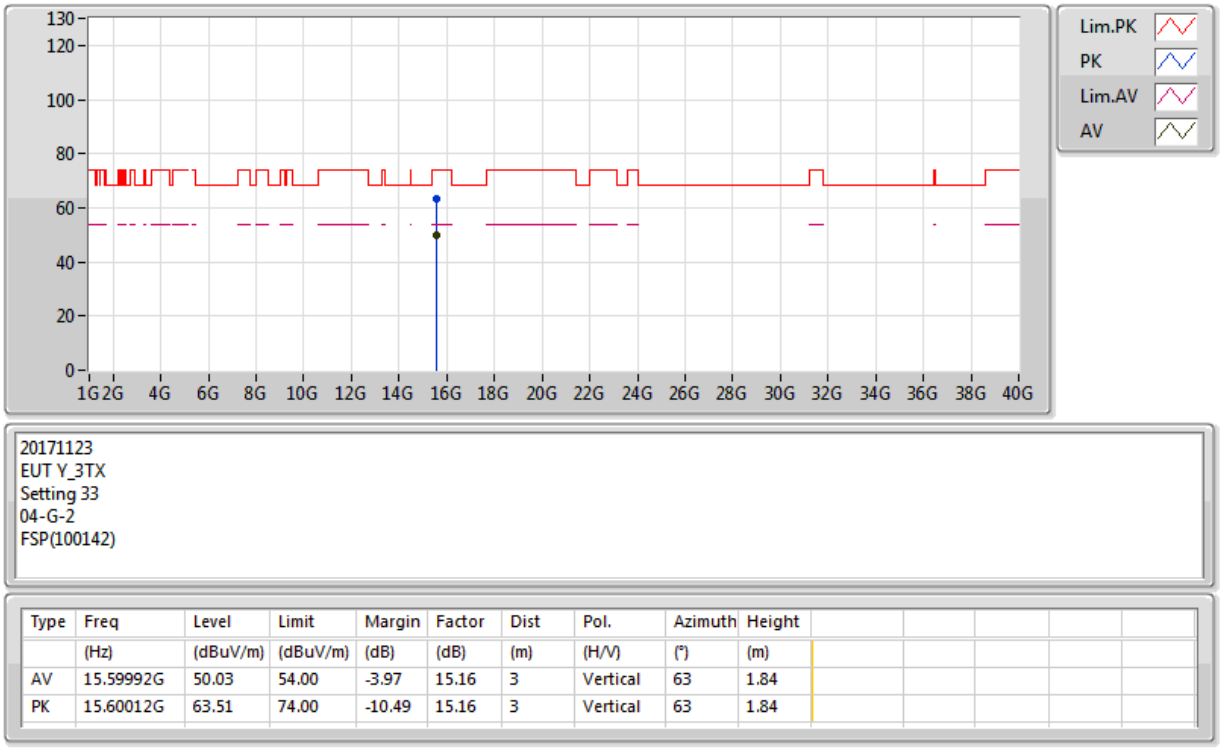


20171123
EUT Y_3TX
Setting 33
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.1488G	51.67	54.00	-2.33	4.06	3	Horizontal	105	1.49
AV	5.2072G	110.05	Inf	-Inf	4.23	3	Horizontal	105	1.49
PK	5.1472G	70.62	74.00	-3.38	4.05	3	Horizontal	105	1.49
PK	5.2068G	120.63	Inf	-Inf	4.23	3	Horizontal	105	1.49

802.11a_Nss1,(6Mbps)_3TX

5200MHz_TX

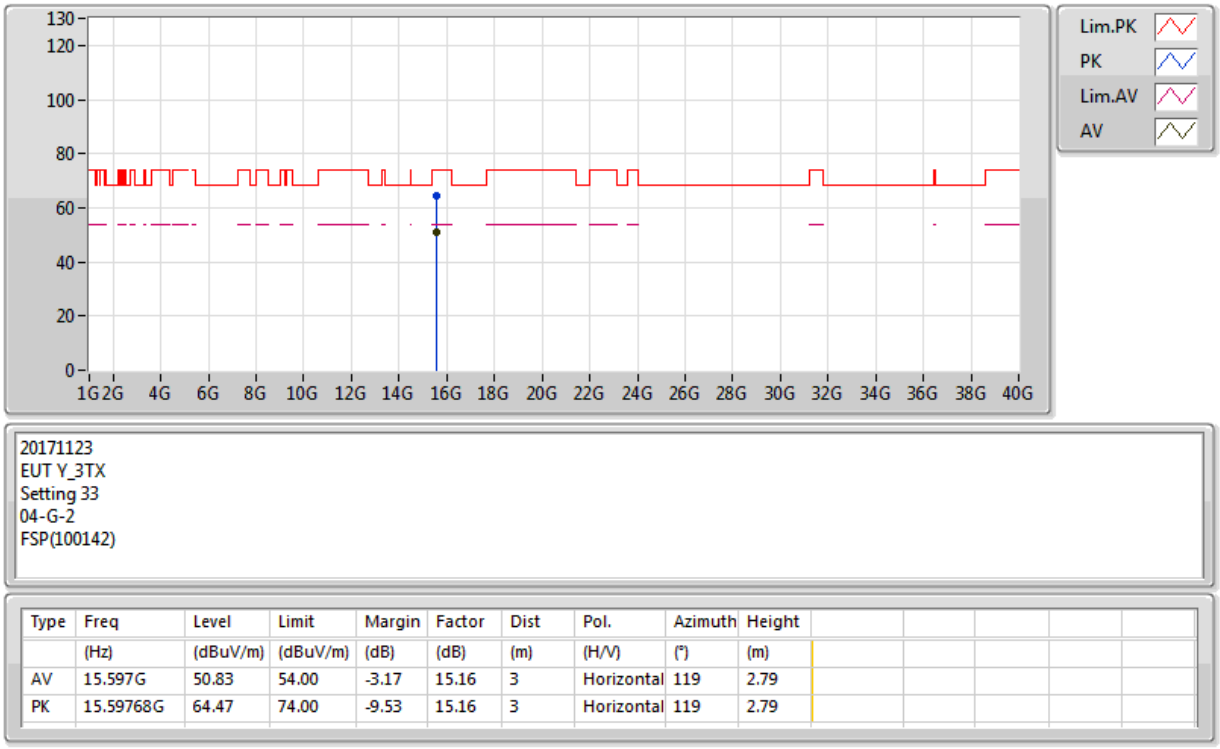


20171123
EUT Y_3TX
Setting 33
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	15.59992G	50.03	54.00	-3.97	15.16	3	Vertical	63	1.84
PK	15.60012G	63.51	74.00	-10.49	15.16	3	Vertical	63	1.84

802.11a_Nss1,(6Mbps)_3TX

5200MHz_TX

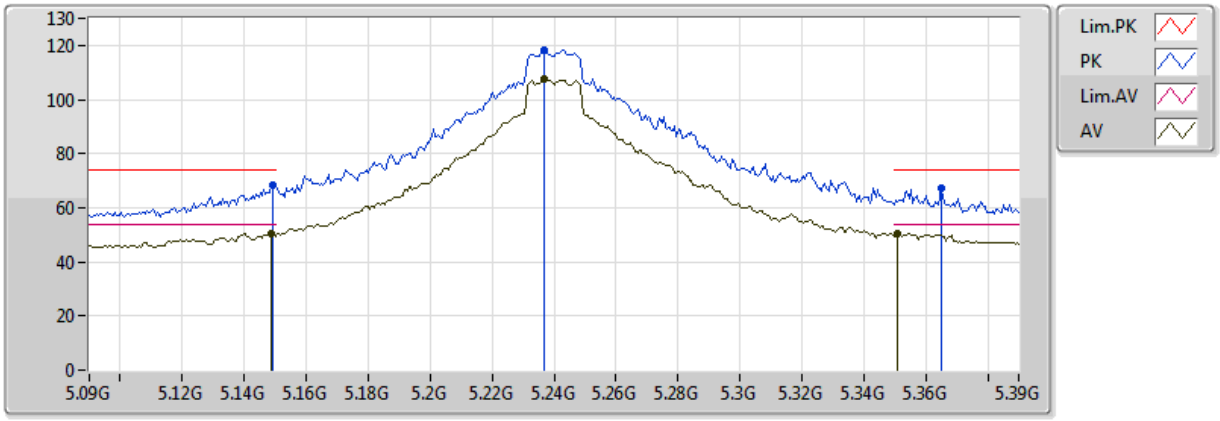


20171123
EUT Y_3TX
Setting 33
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	15.597G	50.83	54.00	-3.17	15.16	3	Horizontal	119	2.79
PK	15.59768G	64.47	74.00	-9.53	15.16	3	Horizontal	119	2.79

802.11a_Nss1,(6Mbps)_3TX

5240MHz_TX

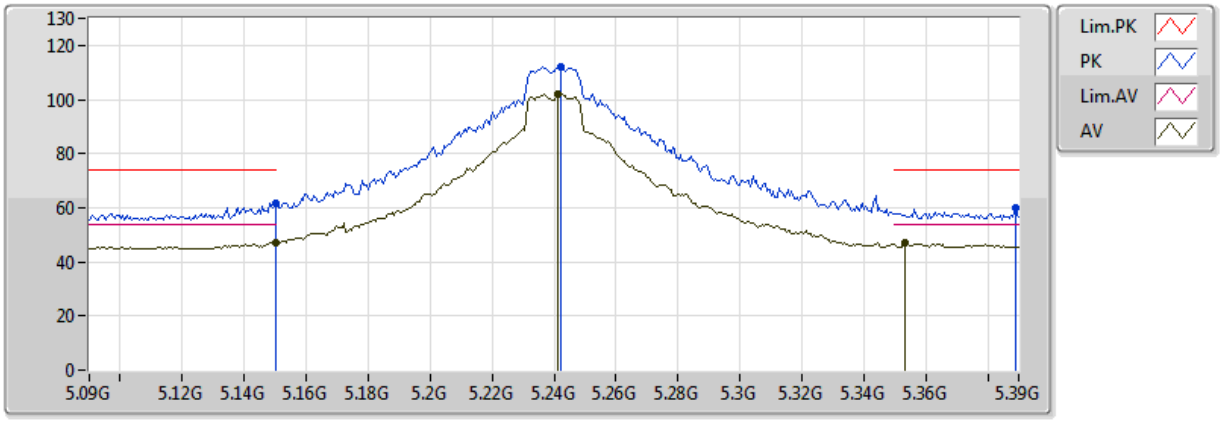


20171123
EUT Y_3TX
Setting 38
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.1488G	50.49	54.00	-3.51	4.06	3	Vertical	177	2.87
AV	5.237G	107.42	Inf	-Inf	4.30	3	Vertical	177	2.87
AV	5.351G	50.36	54.00	-3.64	4.57	3	Vertical	177	2.87
PK	5.1494G	68.60	74.00	-5.40	4.06	3	Vertical	177	2.87
PK	5.237G	118.07	Inf	-Inf	4.30	3	Vertical	177	2.87
PK	5.3648G	67.06	74.00	-6.94	4.60	3	Vertical	177	2.87

802.11a_Nss1,(6Mbps)_3TX

5240MHz_TX

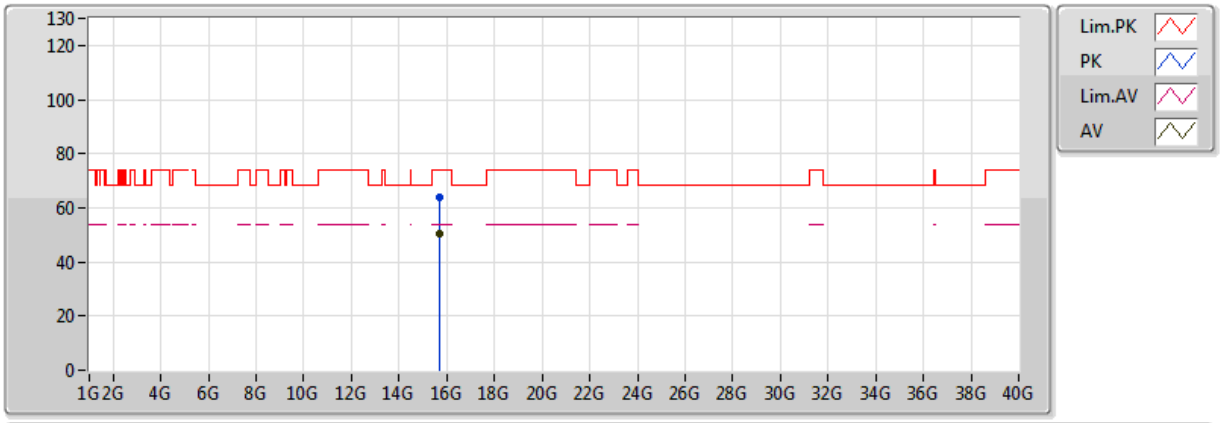


20171123
EUT Y_3TX
Setting 38
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.149995G	47.12	54.00	-6.88	4.06	3	Horizontal	309	2.42
AV	5.2412G	101.83	Inf	-Inf	4.31	3	Horizontal	309	2.42
AV	5.3534G	46.83	54.00	-7.17	4.57	3	Horizontal	309	2.42
PK	5.149995G	61.52	74.00	-12.48	4.06	3	Horizontal	309	2.42
PK	5.2424G	112.16	Inf	-Inf	4.32	3	Horizontal	309	2.42
PK	5.3888G	59.75	74.00	-14.25	4.65	3	Horizontal	309	2.42

802.11a_Nss1,(6Mbps)_3TX

5240MHz_TX



20171123
EUT Y_3TX
Setting 38
04-G-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	15.72348G	50.37	54.00	-3.63	15.03	3	Vertical	58	1.82
PK	15.72636G	64.13	74.00	-9.87	15.02	3	Vertical	58	1.82

802.11a_Nss1,(6Mbps)_3TX

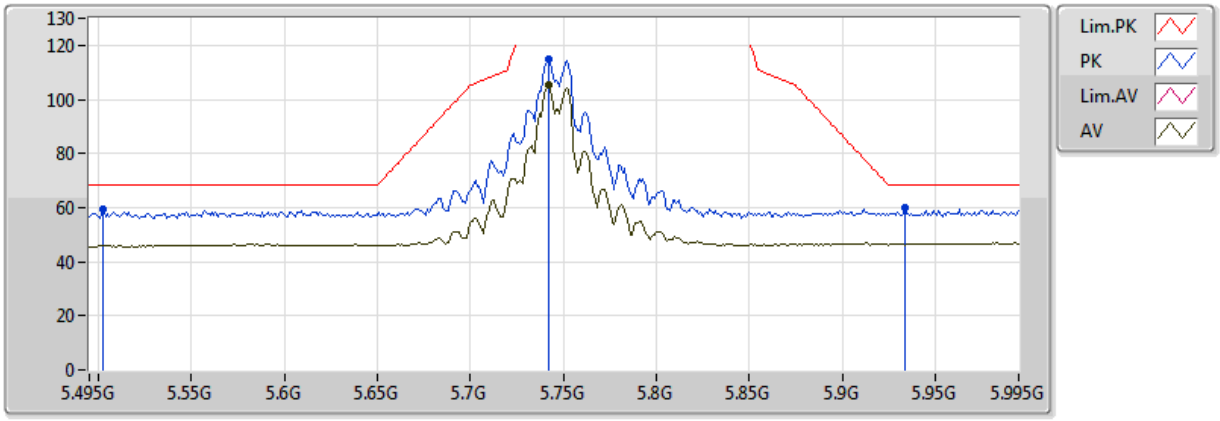
5240MHz_TX

20171123
EUT Y_3TX
Setting 38
04-G-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	15.72246G	47.34	54.00	-6.66	15.03	3	Horizontal	98	2.63
PK	15.72406G	60.73	74.00	-13.27	15.03	3	Horizontal	98	2.63

802.11a_Nss1,(6Mbps)_3TX

5745MHz_TX

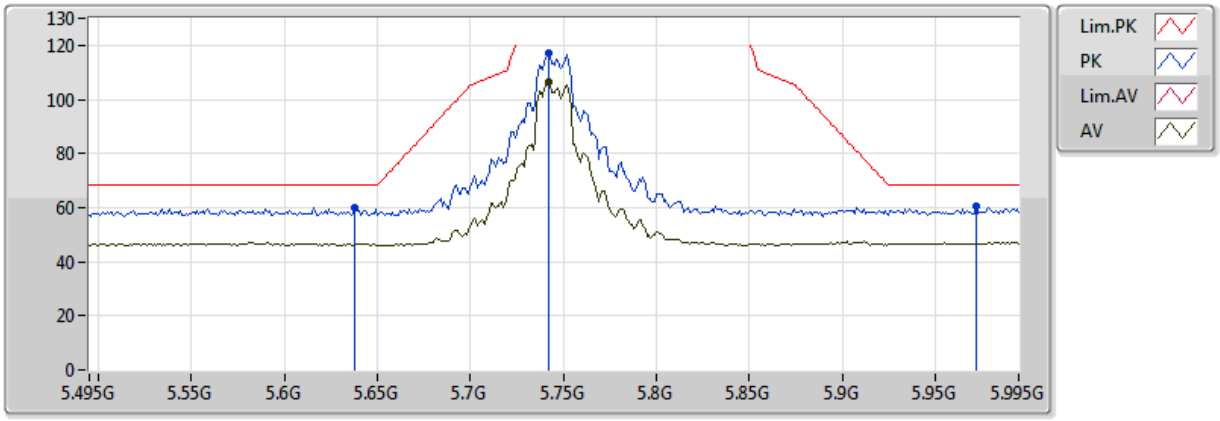


20171123
EUT Y_3TX
Setting 33
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.742G	105.11	Inf	-Inf	5.65	3	Vertical	277	1.41
PK	5.502G	59.16	68.20	-9.04	4.84	3	Vertical	277	1.41
PK	5.742G	114.95	Inf	-Inf	5.65	3	Vertical	277	1.41
PK	5.934G	59.71	68.20	-8.49	6.35	3	Vertical	277	1.41

802.11a_Nss1,(6Mbps)_3TX

5745MHz_TX

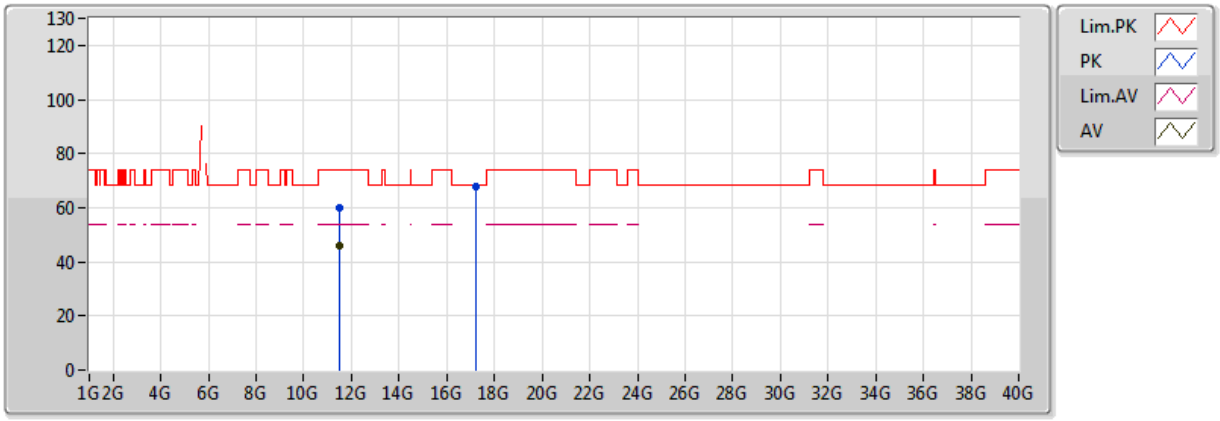


20171123
EUT Y_3TX
Setting 33
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.742G	106.34	Inf	-Inf	5.65	3	Horizontal	151	1.43
PK	5.638G	59.98	68.20	-8.22	5.26	3	Horizontal	151	1.43
PK	5.742G	116.92	Inf	-Inf	5.65	3	Horizontal	151	1.43
PK	5.972G	60.52	68.20	-7.68	6.49	3	Horizontal	151	1.43

802.11a_Nss1,(6Mbps)_3TX

5745MHz_TX

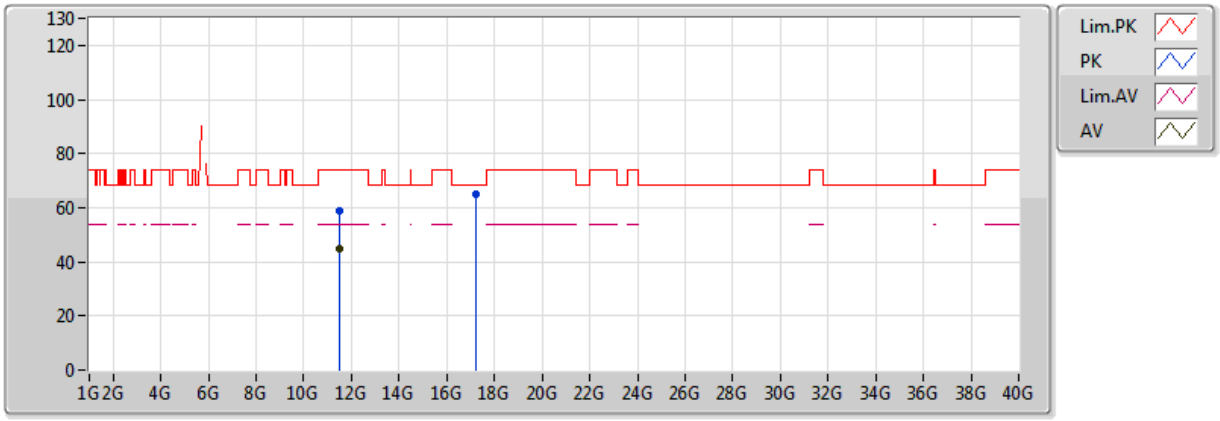


20171123
EUT Y_3TX
Setting 33
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	11.49096G	45.72	54.00	-8.28	13.32	3	Vertical	85	2.99
PK	11.4856G	60.05	74.00	-13.95	13.32	3	Vertical	85	2.99
PK	17.23772G	67.82	68.20	-0.38	17.49	3	Vertical	55	1.50

802.11a_Nss1,(6Mbps)_3TX

5745MHz_TX

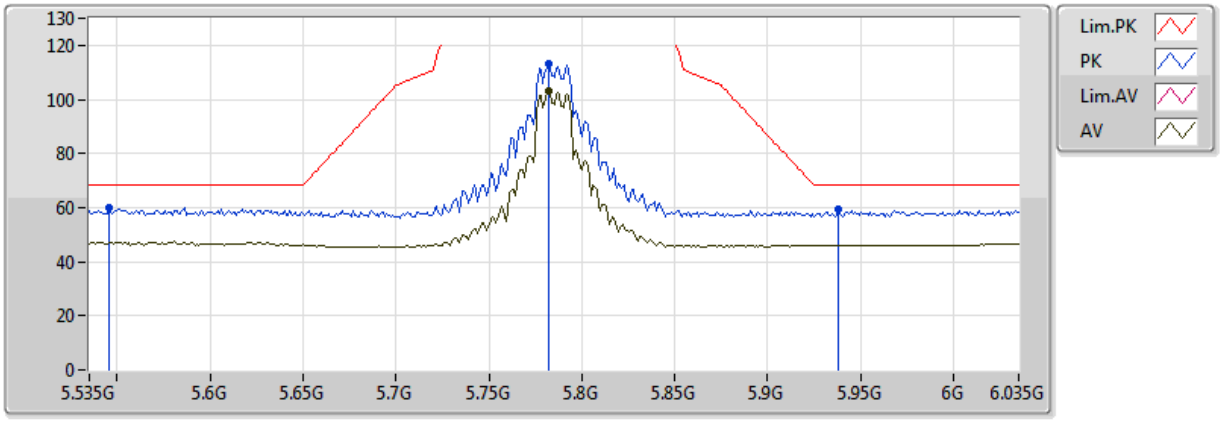


20171123
EUT Y_3TX
Setting 33
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	11.4885G	44.58	54.00	-9.42	13.32	3	Horizontal	198	1.06
PK	11.48868G	58.88	74.00	-15.12	13.32	3	Horizontal	198	1.06
PK	17.23258G	65.03	68.20	-3.17	17.48	3	Horizontal	131	2.42

802.11a_Nss1,(6Mbps)_3TX

5785MHz_TX

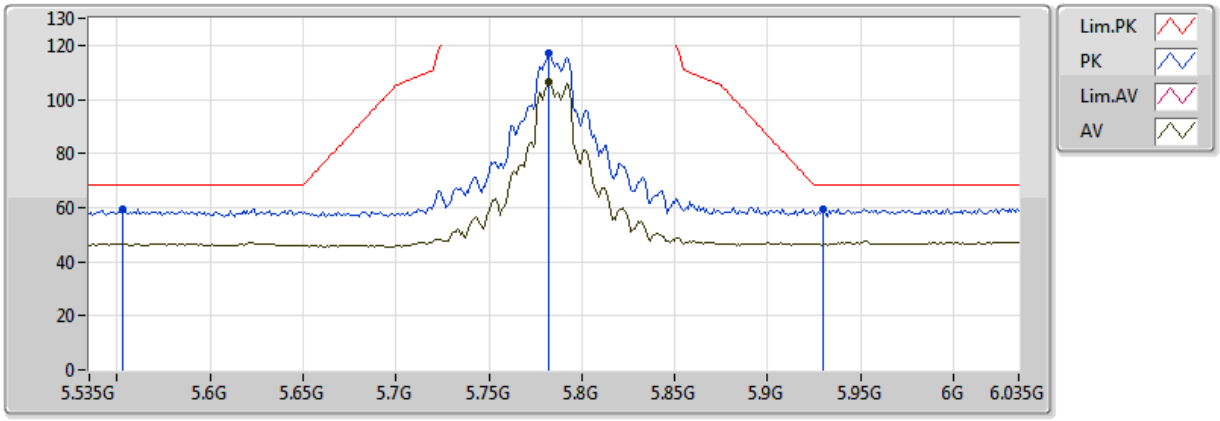


20171123
EUT Y_3TX
Setting 33
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.782G	103.05	Inf	-Inf	5.79	3	Vertical	150	1.61
PK	5.546G	59.70	68.20	-8.50	4.96	3	Vertical	150	1.61
PK	5.782G	113.27	Inf	-Inf	5.79	3	Vertical	150	1.61
PK	5.938G	59.49	68.20	-8.71	6.37	3	Vertical	150	1.61

802.11a_Nss1,(6Mbps)_3TX

5785MHz_TX

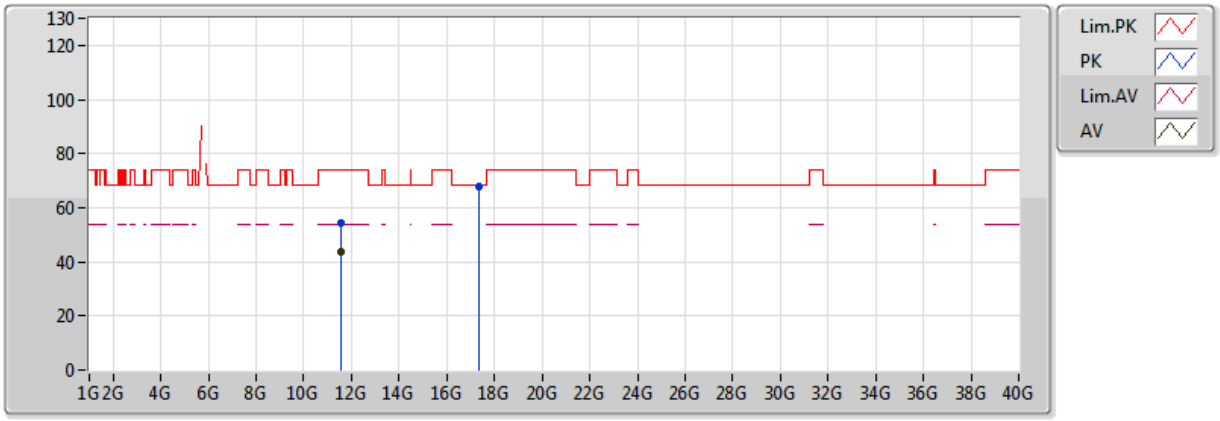


20171123
EUT Y_3TX
Setting 33
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.782G	106.24	Inf	-Inf	5.79	3	Horizontal	333	2.30
PK	5.553G	59.42	68.20	-8.78	4.98	3	Horizontal	333	2.30
PK	5.782G	117.06	Inf	-Inf	5.79	3	Horizontal	333	2.30
PK	5.93G	59.55	68.20	-8.65	6.34	3	Horizontal	333	2.30

802.11a_Nss1,(6Mbps)_3TX

5785MHz_TX

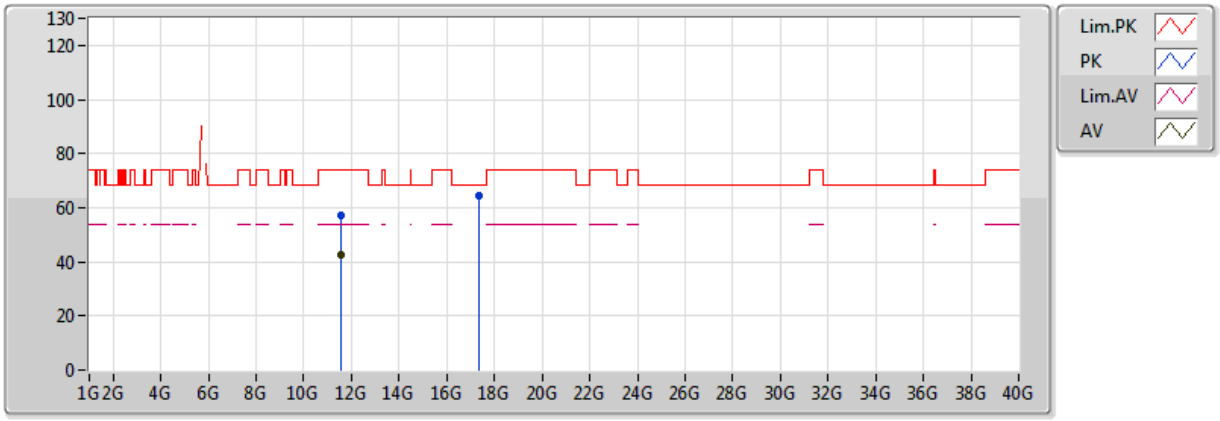


20171123
EUT Y_3TX
Setting 33
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	11.57202G	43.51	54.00	-10.49	13.33	3	Vertical	352	2.10
PK	11.5655G	54.21	74.00	-19.79	13.33	3	Vertical	352	2.10
PK	17.35624G	67.87	68.20	-0.33	17.62	3	Vertical	88	1.57

802.11a_Nss1,(6Mbps)_3TX

5785MHz_TX

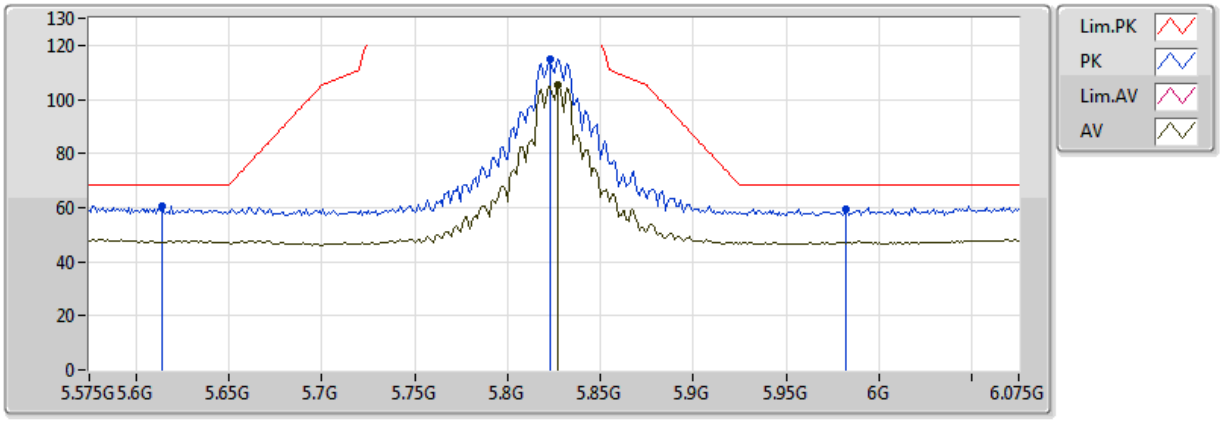


20171123
EUT Y_3TX
Setting 33
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	11.5696G	42.72	54.00	-11.28	13.33	3	Horizontal	225	2.08
PK	11.5726G	56.94	74.00	-17.06	13.33	3	Horizontal	225	2.08
PK	17.35502G	64.65	68.20	-3.55	17.62	3	Horizontal	128	1.47

802.11a_Nss1,(6Mbps)_3TX

5825MHz_TX

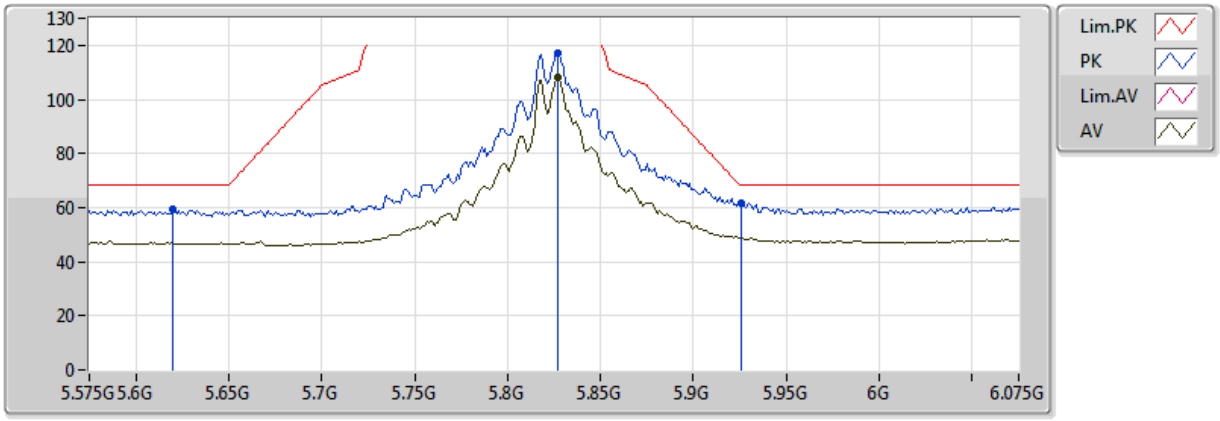


20171123
EUT Y_3TX
Setting 36
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.827G	105.32	Inf	-Inf	5.96	3	Vertical	154	1.49
PK	5.614G	60.56	68.20	-7.64	5.17	3	Vertical	154	1.49
PK	5.823G	114.62	Inf	-Inf	5.95	3	Vertical	154	1.49
PK	5.982G	59.67	68.20	-8.53	6.53	3	Vertical	154	1.49

802.11a_Nss1,(6Mbps)_3TX

5825MHz_TX

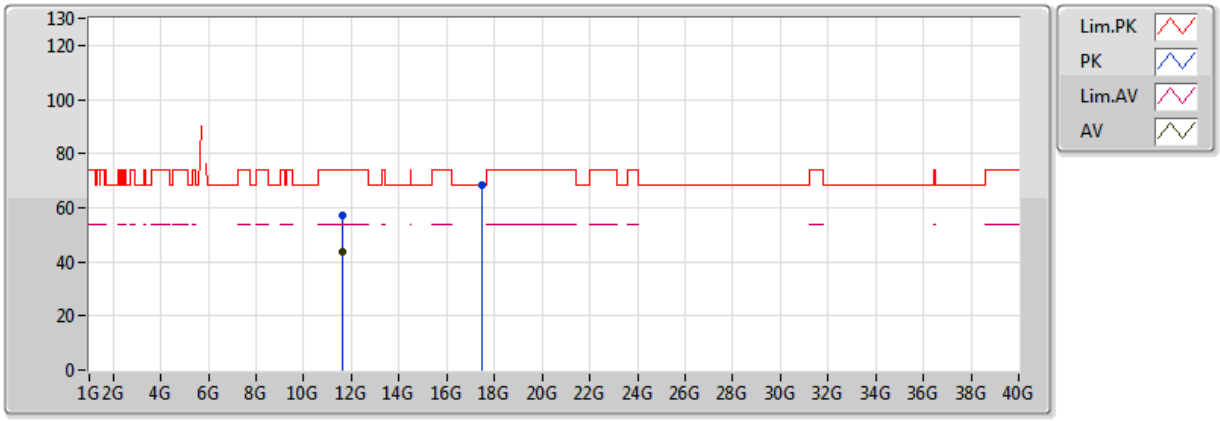


20171123
EUT Y_3TX
Setting 36
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.827G	108.16	Inf	-Inf	5.96	3	Horizontal	277	1.58
PK	5.62G	59.30	68.20	-8.90	5.19	3	Horizontal	277	1.58
PK	5.827G	117.33	Inf	-Inf	5.96	3	Horizontal	277	1.58
PK	5.926G	61.39	68.20	-6.81	6.32	3	Horizontal	277	1.58

802.11a_Nss1,(6Mbps)_3TX

5825MHz_TX

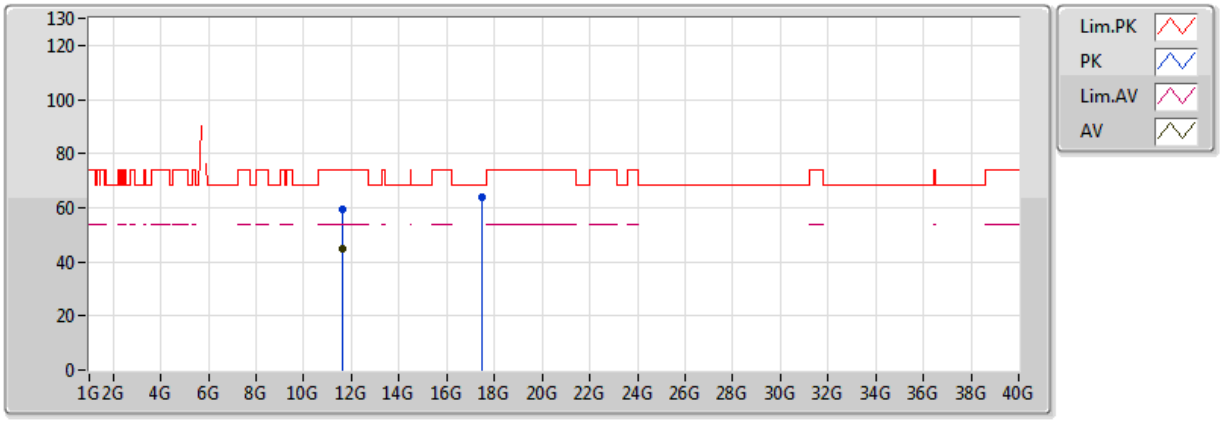


20171123
EUT Y_3TX
Setting 36
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	11.65238G	43.46	54.00	-10.54	13.35	3	Vertical	307	1.34
PK	11.64994G	56.97	74.00	-17.03	13.35	3	Vertical	307	1.34
PK	17.4756G	68.11	68.20	-0.09	17.76	3	Vertical	49	2.08

802.11a_Nss1,(6Mbps)_3TX

5825MHz_TX

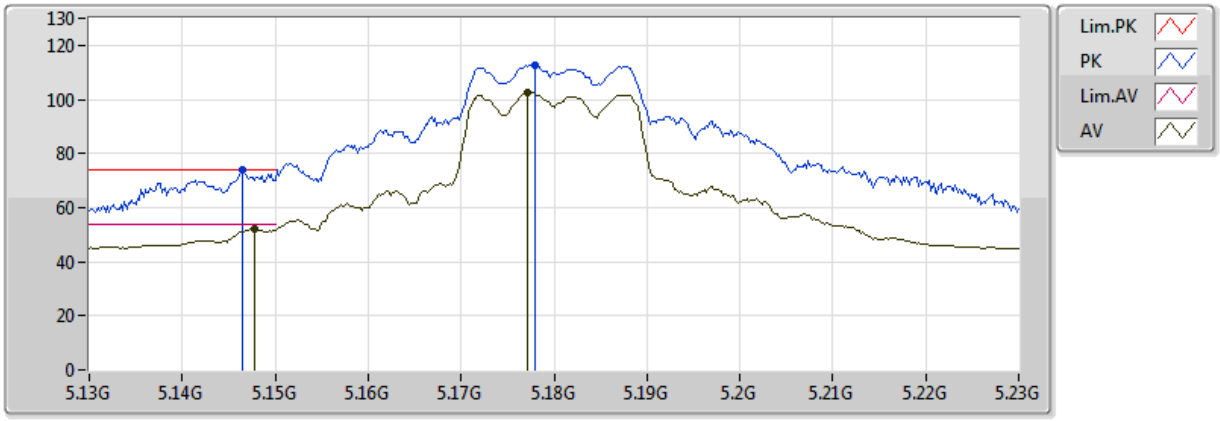


20171123
EUT Y_3TX
Setting 36
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	11.6499G	44.88	54.00	-9.12	13.35	3	Horizontal	232	1.90
PK	11.651G	59.22	74.00	-14.78	13.35	3	Horizontal	232	1.90
PK	17.47488G	63.85	68.20	-4.35	17.76	3	Horizontal	128	1.48

802.11ac VHT20_Nss1,(MCS0)_3TX

5180MHz_TX

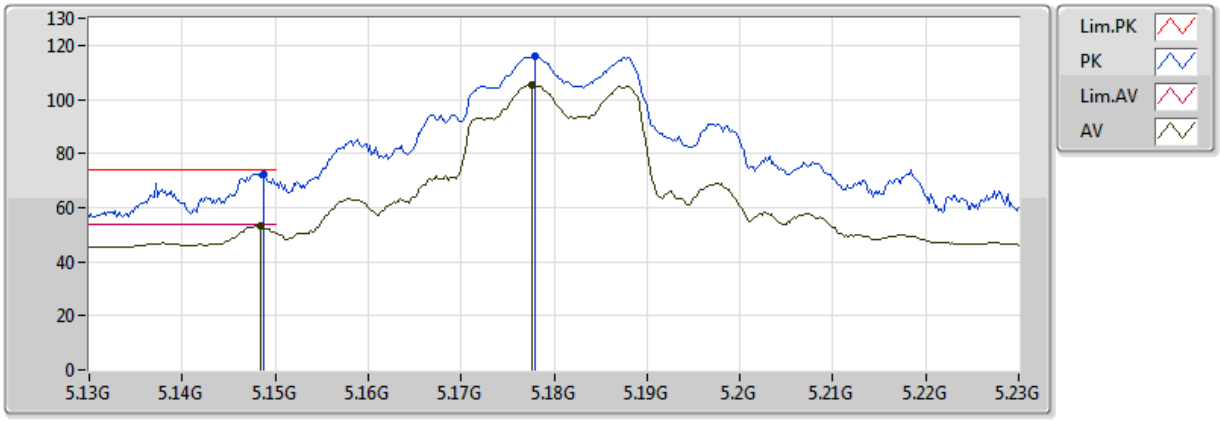


20171123
EUT Y_3TX
Setting 24
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.1478G	51.98	54.00	-2.02	4.05	3	Vertical	259	1.50
AV	5.1772G	102.62	Inf	-Inf	4.14	3	Vertical	259	1.50
PK	5.1464G	73.82	74.00	-0.18	4.05	3	Vertical	259	1.50
PK	5.178G	112.52	Inf	-Inf	4.14	3	Vertical	259	1.50

802.11ac VHT20_Nss1,(MCS0)_3TX

5180MHz_TX

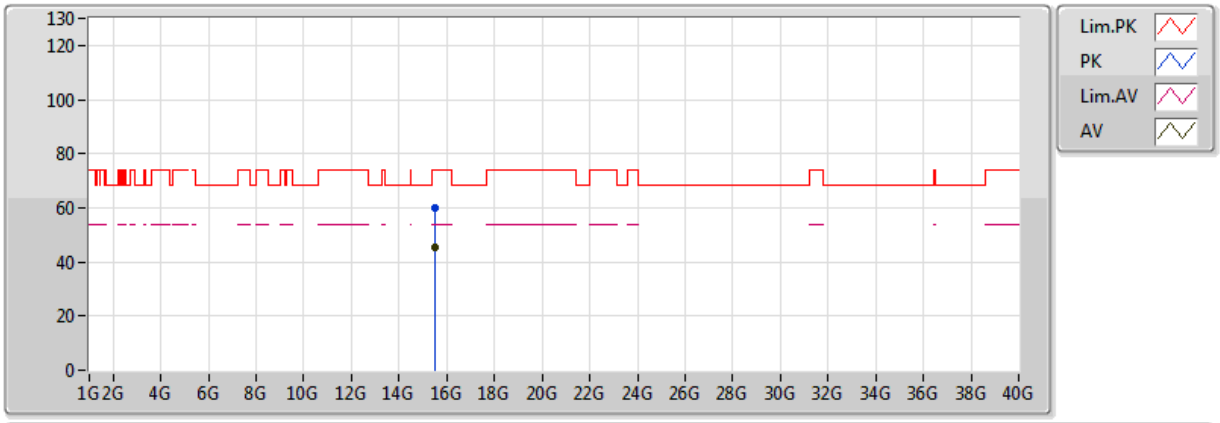


20171123
EUT Y_3TX
Setting 24
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.1484G	53.30	54.00	-0.70	4.06	3	Horizontal	299	2.51
AV	5.1776G	105.58	Inf	-Inf	4.14	3	Horizontal	299	2.51
PK	5.1488G	72.54	74.00	-1.46	4.06	3	Horizontal	299	2.51
PK	5.178G	115.82	Inf	-Inf	4.14	3	Horizontal	299	2.51

802.11ac VHT20_Nss1,(MCS0)_3TX

5180MHz_TX

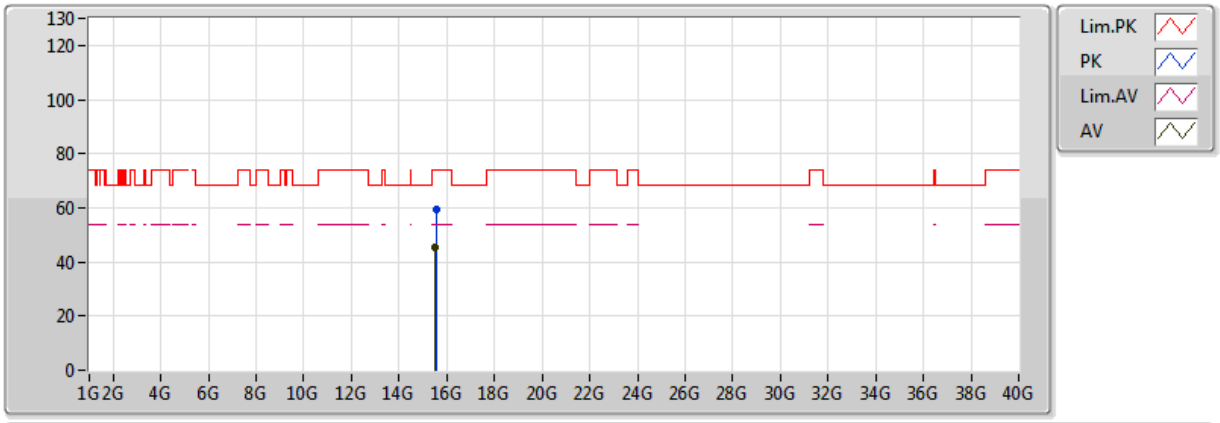


20171123
EUT Y_3TX
Setting 24
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	15.53292G	45.40	54.00	-8.60	15.23	3	Vertical	177	1.64
PK	15.53316G	59.69	74.00	-14.31	15.23	3	Vertical	177	1.64

802.11ac VHT20_Nss1,(MCS0)_3TX

5180MHz_TX

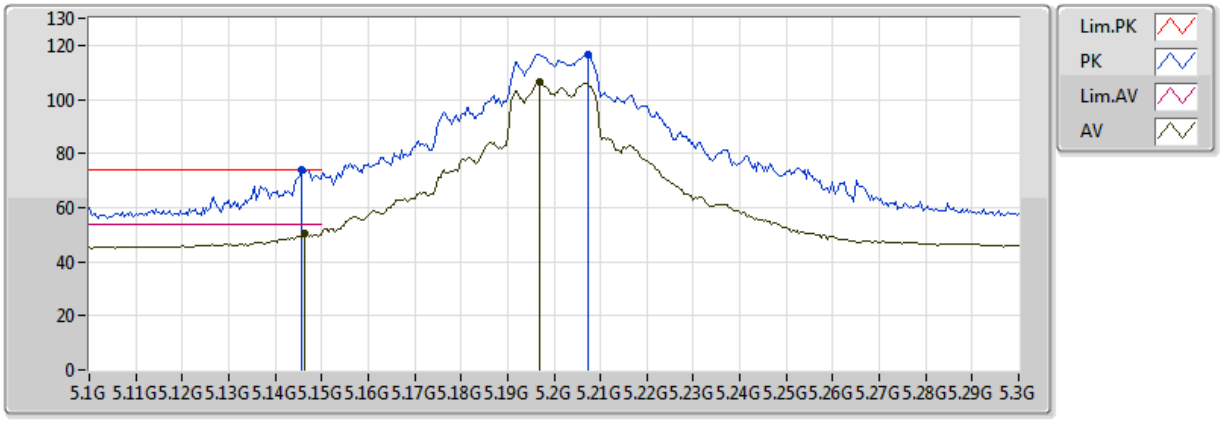


20171123
EUT Y_3TX
Setting 24
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	15.53208G	45.54	54.00	-8.46	15.23	3	Horizontal	184	1.77
PK	15.54728G	59.58	74.00	-14.42	15.21	3	Horizontal	184	1.77

802.11ac VHT20_Nss1,(MCS0)_3TX

5200MHz_TX

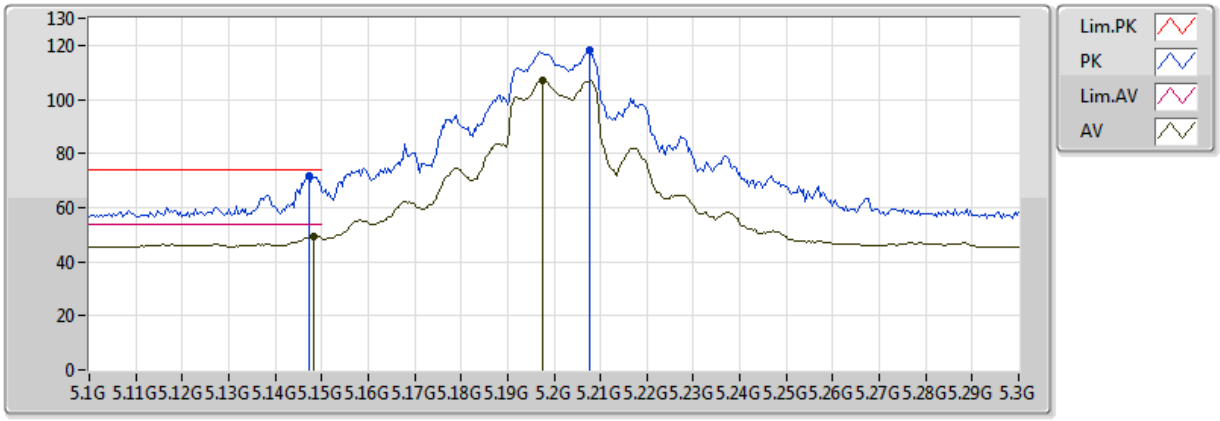


20171123
EUT Y_3TX
Setting 31
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.1464G	50.43	54.00	-3.57	4.05	3	Vertical	267	1.56
AV	5.1968G	106.30	Inf	-Inf	4.20	3	Vertical	267	1.56
PK	5.1456G	73.80	74.00	-0.20	4.05	3	Vertical	267	1.56
PK	5.2072G	116.42	Inf	-Inf	4.23	3	Vertical	267	1.56

802.11ac VHT20_Nss1,(MCS0)_3TX

5200MHz_TX

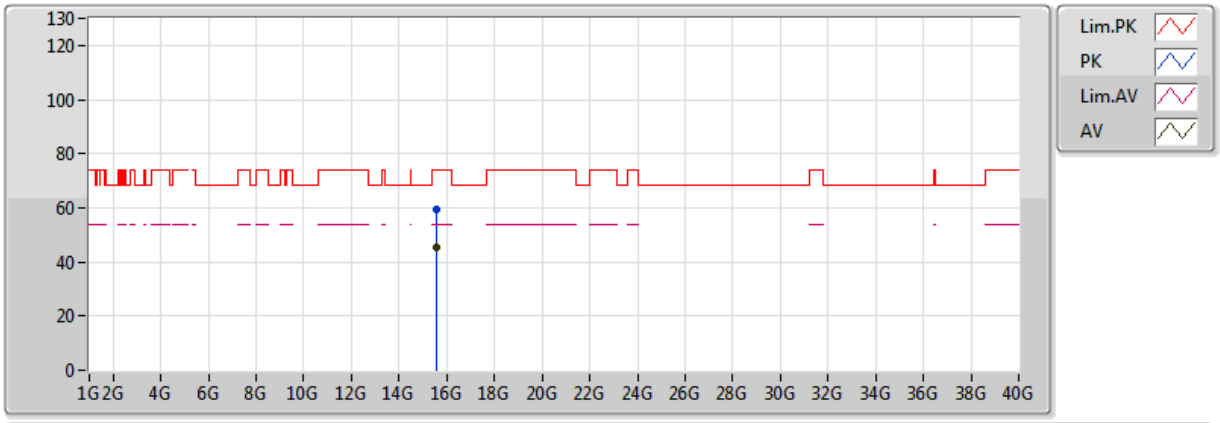


20171123
EUT Y_3TX
Setting 31
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.1484G	49.50	54.00	-4.50	4.06	3	Horizontal	107	1.60
AV	5.1976G	107.02	Inf	-Inf	4.20	3	Horizontal	107	1.60
PK	5.1472G	71.50	74.00	-2.50	4.05	3	Horizontal	107	1.60
PK	5.2076G	117.96	Inf	-Inf	4.23	3	Horizontal	107	1.60

802.11ac VHT20_Nss1,(MCS0)_3TX

5200MHz_TX



20171123
EUT Y_3TX
Setting 31
04-G-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	15.59564G	45.27	54.00	-8.73	15.16	3	Vertical	264	2.13
PK	15.59076G	59.56	74.00	-14.44	15.17	3	Vertical	264	2.13

802.11ac VHT20_Nss1,(MCS0)_3TX

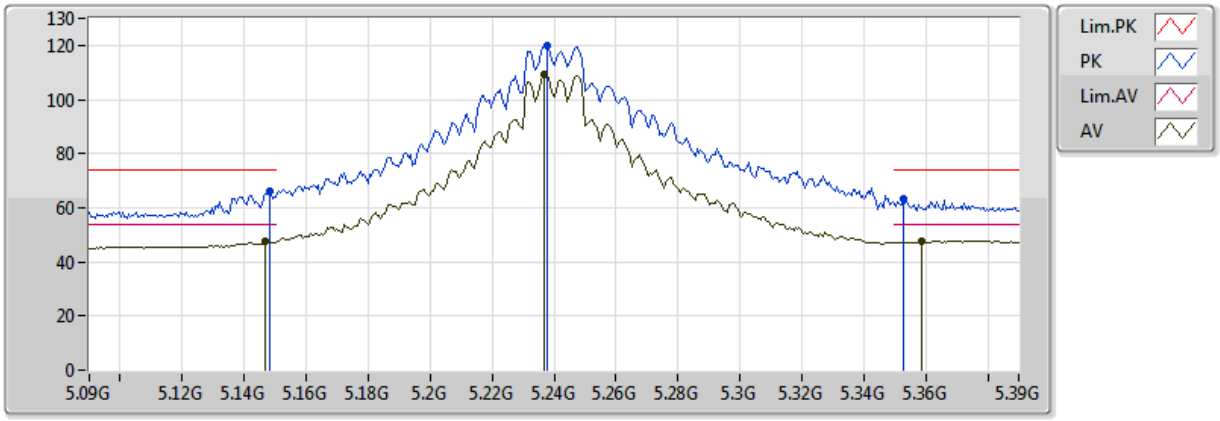
5200MHz_TX

20171123
EUT Y_3TX
Setting 31
04-G-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	15.59328G	45.32	54.00	-8.68	15.17	3	Horizontal	16	2.01
PK	15.6066G	59.67	74.00	-14.33	15.15	3	Horizontal	16	2.01

802.11ac VHT20_Nss1,(MCS0)_3TX

5240MHz_TX

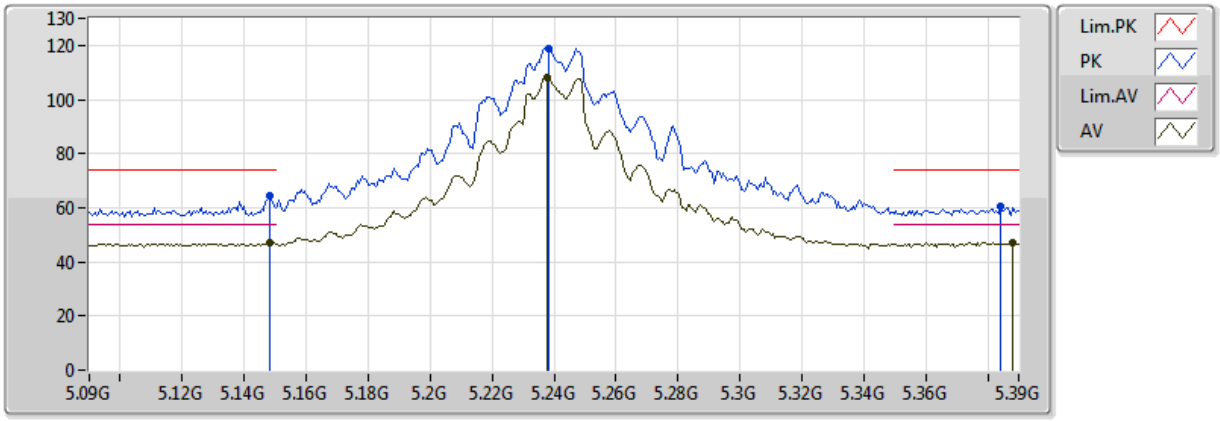


20171123
EUT Y_3TX
Setting 37
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.147G	47.87	54.00	-6.13	4.05	3	Vertical	172	2.58
AV	5.237G	109.34	Inf	-Inf	4.30	3	Vertical	172	2.58
AV	5.3588G	47.59	54.00	-6.41	4.58	3	Vertical	172	2.58
PK	5.1482G	65.92	74.00	-8.08	4.05	3	Vertical	172	2.58
PK	5.2376G	119.74	Inf	-Inf	4.30	3	Vertical	172	2.58
PK	5.3528G	63.04	74.00	-10.96	4.57	3	Vertical	172	2.58

802.11ac VHT20_Nss1,(MCS0)_3TX

5240MHz_TX

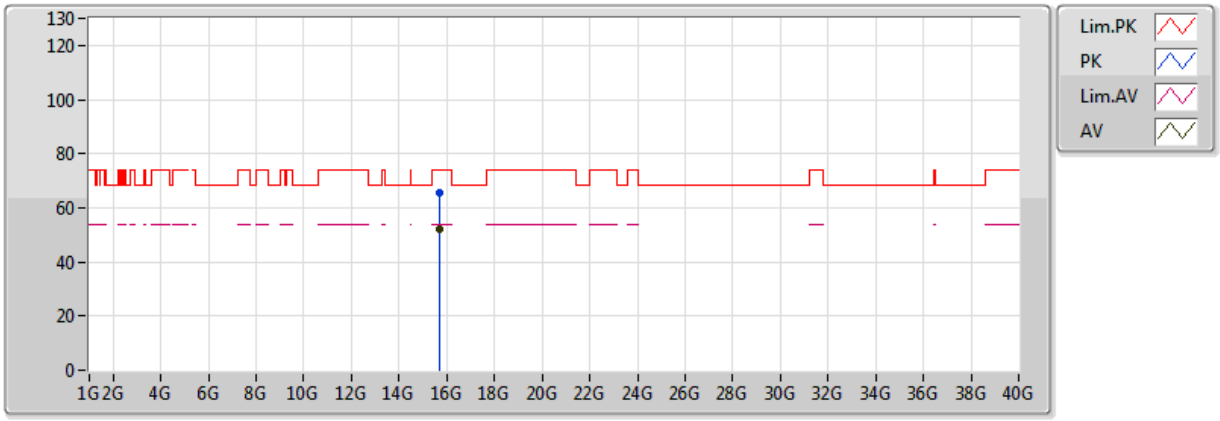


20171123
EUT Y_3TX
Setting 37
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.1482G	46.90	54.00	-7.10	4.05	3	Horizontal	109	1.47
AV	5.2376G	108.27	Inf	-Inf	4.30	3	Horizontal	109	1.47
AV	5.3882G	47.02	54.00	-6.98	4.65	3	Horizontal	109	1.47
PK	5.1482G	64.16	74.00	-9.84	4.05	3	Horizontal	109	1.47
PK	5.2382G	119.04	Inf	-Inf	4.31	3	Horizontal	109	1.47
PK	5.384G	60.30	74.00	-13.70	4.64	3	Horizontal	109	1.47

802.11ac VHT20_Nss1,(MCS0)_3TX

5240MHz_TX

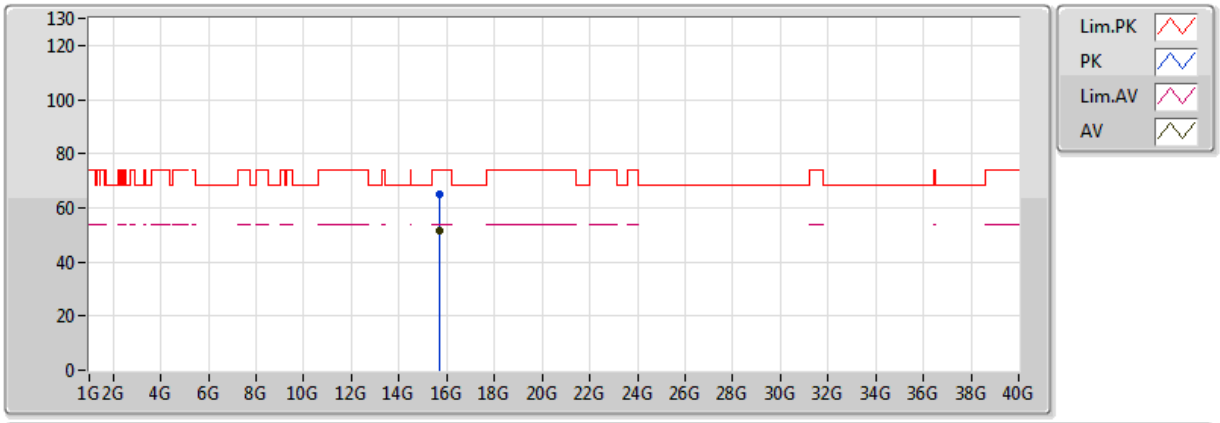


20171123
EUT Y_3TX
Setting 37
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	15.72716G	51.85	54.00	-2.15	15.02	3	Vertical	121	1.85
PK	15.7166G	65.68	74.00	-8.32	15.03	3	Vertical	121	1.85

802.11ac VHT20_Nss1,(MCS0)_3TX

5240MHz_TX

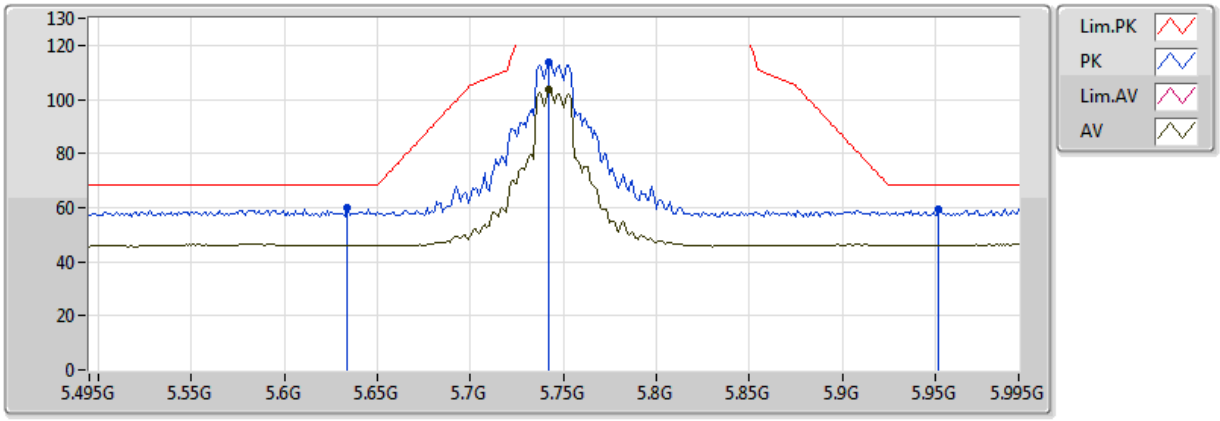


20171123
EUT Y_3TX
Setting 37
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	15.72276G	51.33	54.00	-2.67	15.03	3	Horizontal	79	2.06
PK	15.72096G	64.98	74.00	-9.02	15.03	3	Horizontal	79	2.06

802.11ac VHT20_Nss1,(MCS0)_3TX

5745MHz_TX

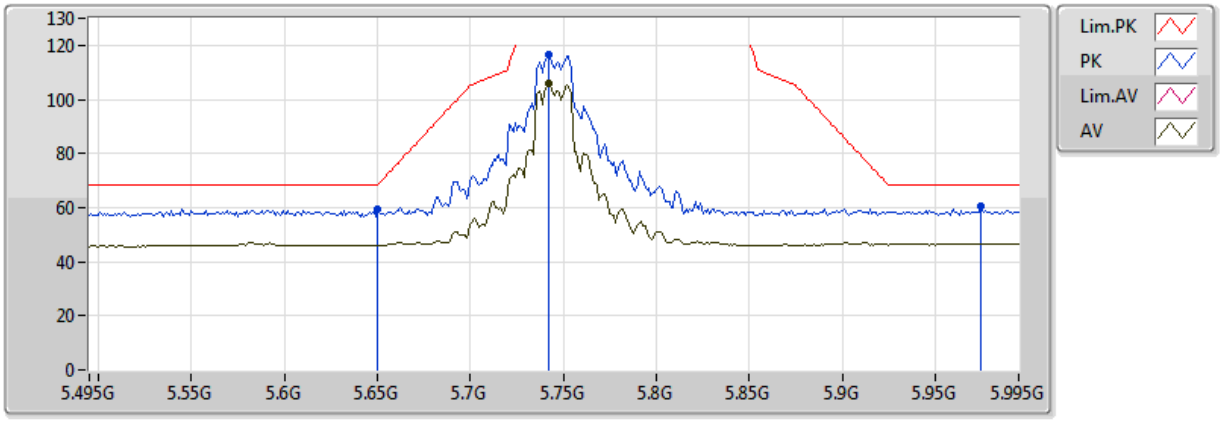


20171123
EUT Y_3TX
Setting 31
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.742G	103.90	Inf	-Inf	5.65	3	Vertical	120	1.50
PK	5.634G	59.85	68.20	-8.35	5.25	3	Vertical	120	1.50
PK	5.742G	113.87	Inf	-Inf	5.65	3	Vertical	120	1.50
PK	5.952G	59.47	68.20	-8.73	6.42	3	Vertical	120	1.50

802.11ac VHT20_Nss1,(MCS0)_3TX

5745MHz_TX

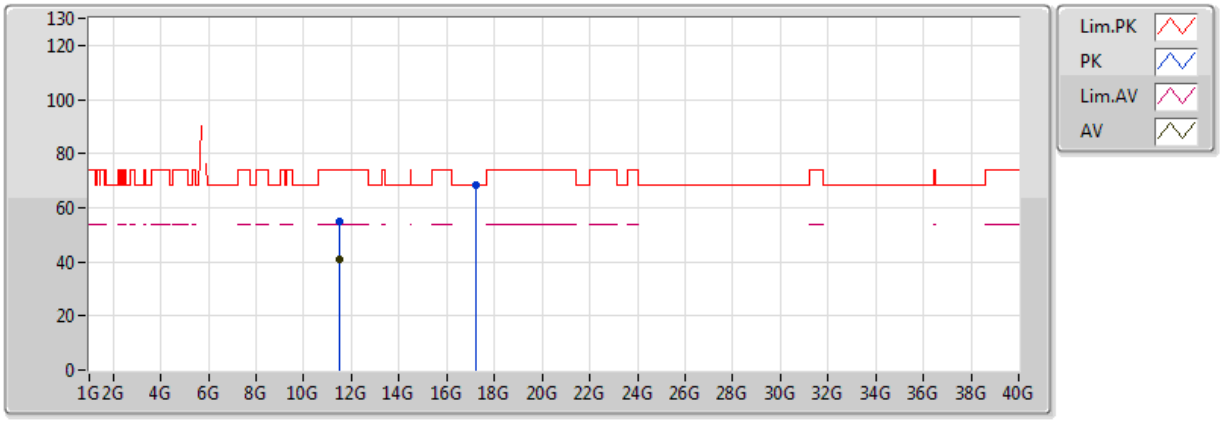


20171123
EUT Y_3TX
Setting 31
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.742G	106.12	Inf	-Inf	5.65	3	Horizontal	335	2.41
PK	5.65G	59.21	68.20	-8.99	5.30	3	Horizontal	335	2.41
PK	5.742G	116.76	Inf	-Inf	5.65	3	Horizontal	335	2.41
PK	5.975G	60.47	68.20	-7.73	6.50	3	Horizontal	335	2.41

802.11ac VHT20_Nss1,(MCS0)_3TX

5745MHz_TX

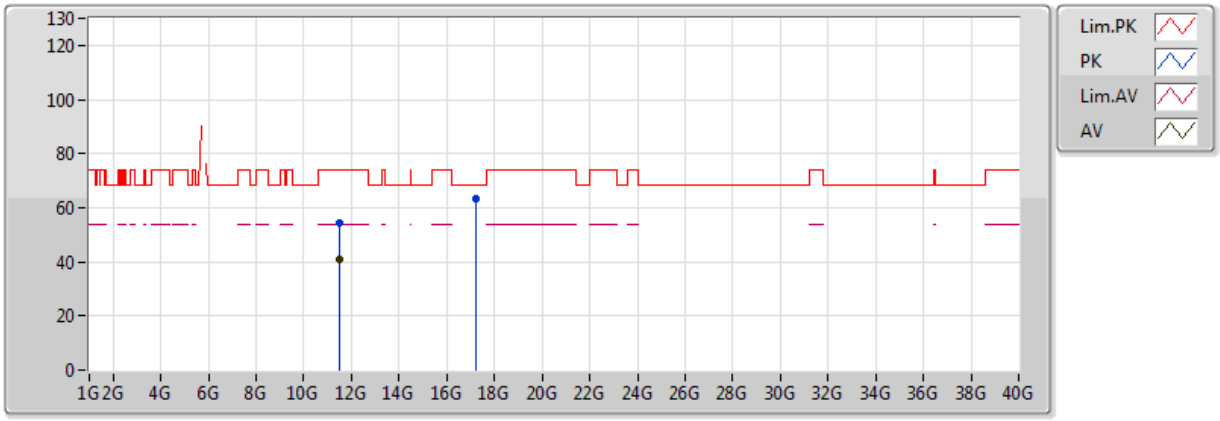


20171123
EUT Y_3TX
Setting 31
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	11.48252G	40.71	54.00	-13.29	13.32	3	Vertical	345	1.02
PK	11.48392G	54.71	74.00	-19.29	13.32	3	Vertical	345	1.02
PK	17.23536G	68.19	68.20	-0.01	17.48	3	Vertical	49	1.80

802.11ac VHT20_Nss1,(MCS0)_3TX

5745MHz_TX

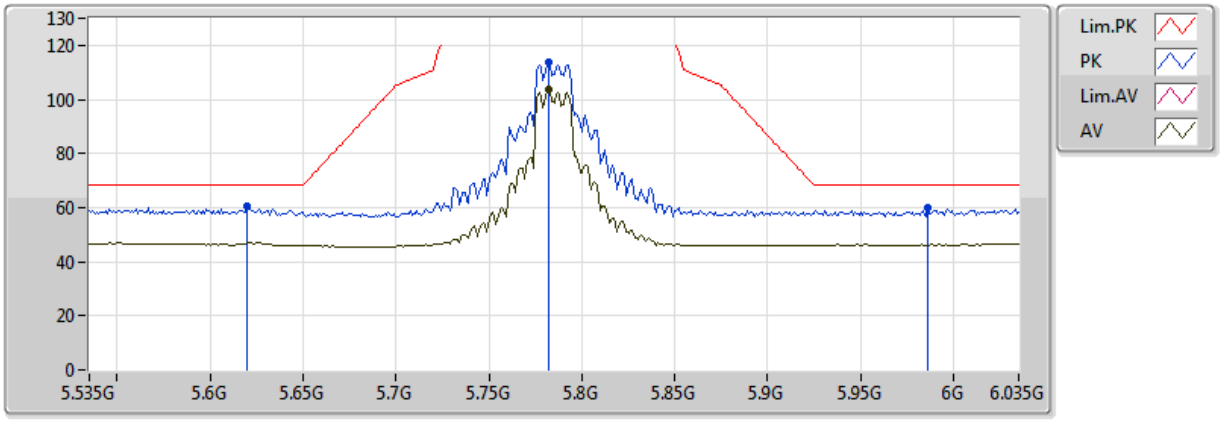


20171123
EUT Y_3TX
Setting 31
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	11.48348G	40.74	54.00	-13.26	13.32	3	Horizontal	222	1.34
PK	11.49104G	54.60	74.00	-19.40	13.32	3	Horizontal	222	1.34
PK	17.22796G	63.12	68.20	-5.08	17.47	3	Horizontal	122	2.47

802.11ac VHT20_Nss1,(MCS0)_3TX

5785MHz_TX

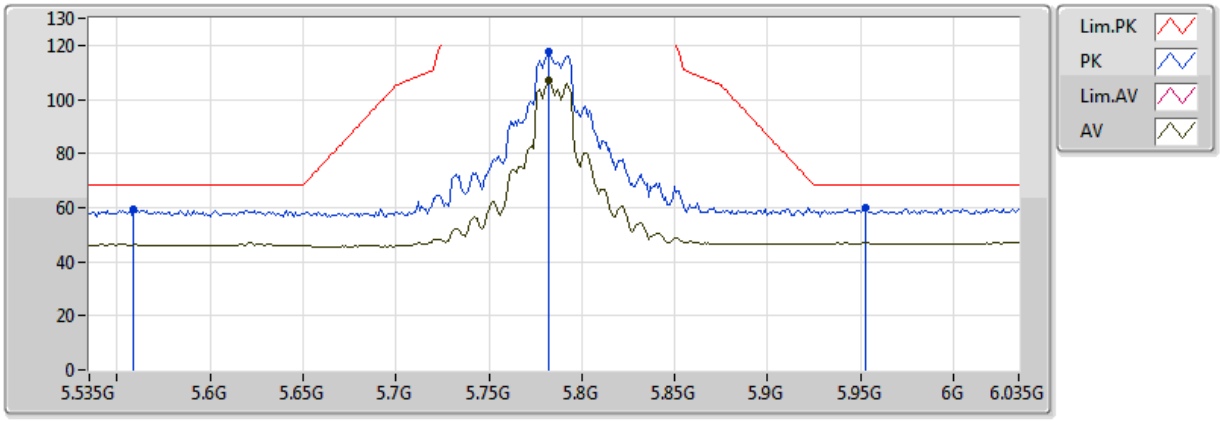


20171123
EUT Y_3TX
Setting 32
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.782G	103.84	Inf	-Inf	5.79	3	Vertical	150	1.63
PK	5.62G	60.24	68.20	-7.96	5.19	3	Vertical	150	1.63
PK	5.782G	113.54	Inf	-Inf	5.79	3	Vertical	150	1.63
PK	5.986G	59.82	68.20	-8.38	6.54	3	Vertical	150	1.63

802.11ac VHT20_Nss1,(MCS0)_3TX

5785MHz_TX

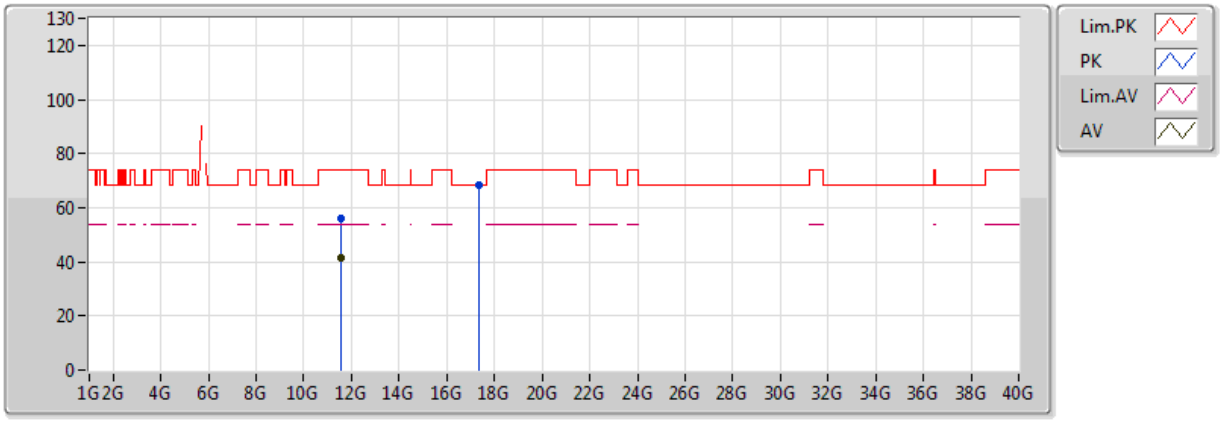


20171123
EUT Y_3TX
Setting 32
04-G-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.782G	107.26	Inf	-Inf	5.79	3	Horizontal	334	2.28
PK	5.559G	59.47	68.20	-8.73	5.00	3	Horizontal	334	2.28
PK	5.782G	117.92	Inf	-Inf	5.79	3	Horizontal	334	2.28
PK	5.953G	59.94	68.20	-8.26	6.42	3	Horizontal	334	2.28

802.11ac VHT20_Nss1,(MCS0)_3TX

5785MHz_TX

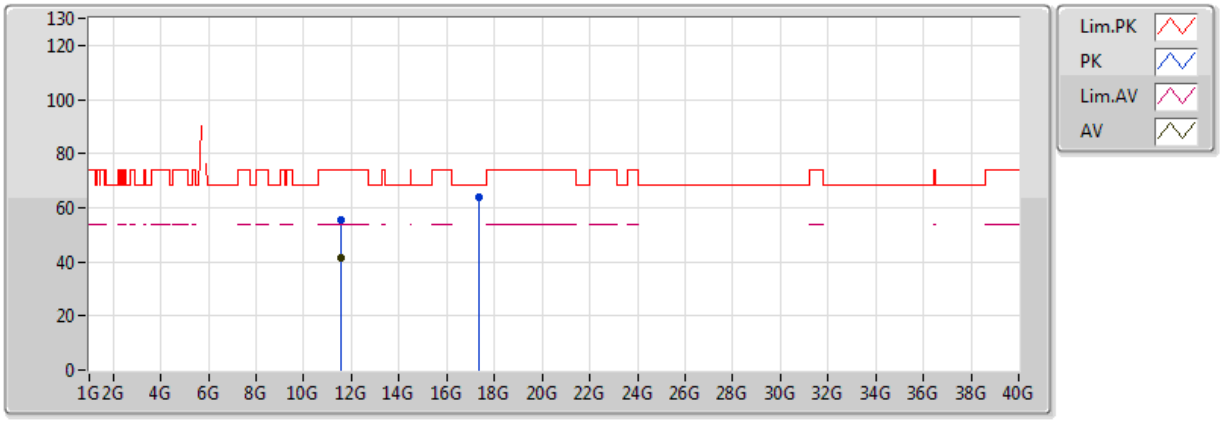


20171123
EUT Y_3TX
Setting 32
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	11.56648G	41.61	54.00	-12.39	13.33	3	Vertical	311	1.68
PK	11.57408G	55.92	74.00	-18.08	13.33	3	Vertical	311	1.68
PK	17.35616G	68.17	68.20	-0.03	17.62	3	Vertical	53	2.36

802.11ac VHT20_Nss1,(MCS0)_3TX

5785MHz_TX

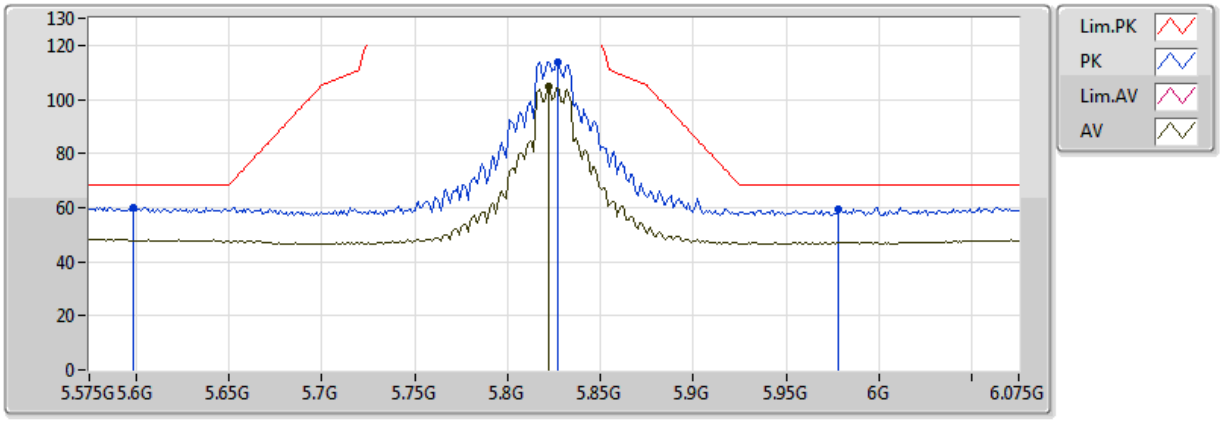


20171123
EUT Y_3TX
Setting 32
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	11.57692G	41.52	54.00	-12.48	13.33	3	Horizontal	349	2.21
PK	11.5662G	55.64	74.00	-18.36	13.33	3	Horizontal	349	2.21
PK	17.35624G	63.90	68.20	-4.30	17.62	3	Horizontal	131	1.68

802.11ac VHT20_Nss1,(MCS0)_3TX

5825MHz_TX

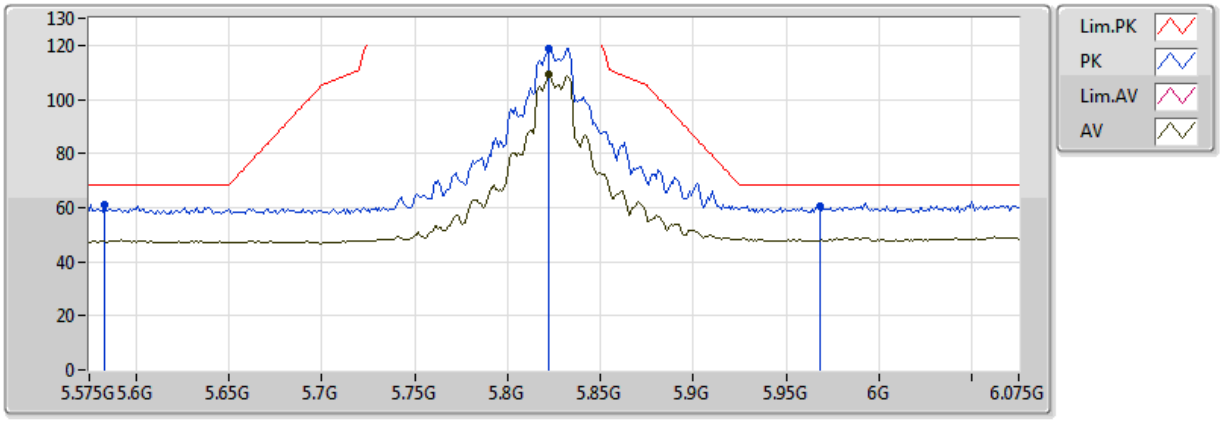


20171123
EUT Y_3TX
Setting 35
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.822G	104.82	Inf	-Inf	5.94	3	Vertical	148	1.68
PK	5.599G	60.20	68.20	-8.00	5.12	3	Vertical	148	1.68
PK	5.827G	113.84	Inf	-Inf	5.96	3	Vertical	148	1.68
PK	5.978G	59.50	68.20	-8.70	6.51	3	Vertical	148	1.68

802.11ac VHT20_Nss1,(MCS0)_3TX

5825MHz_TX

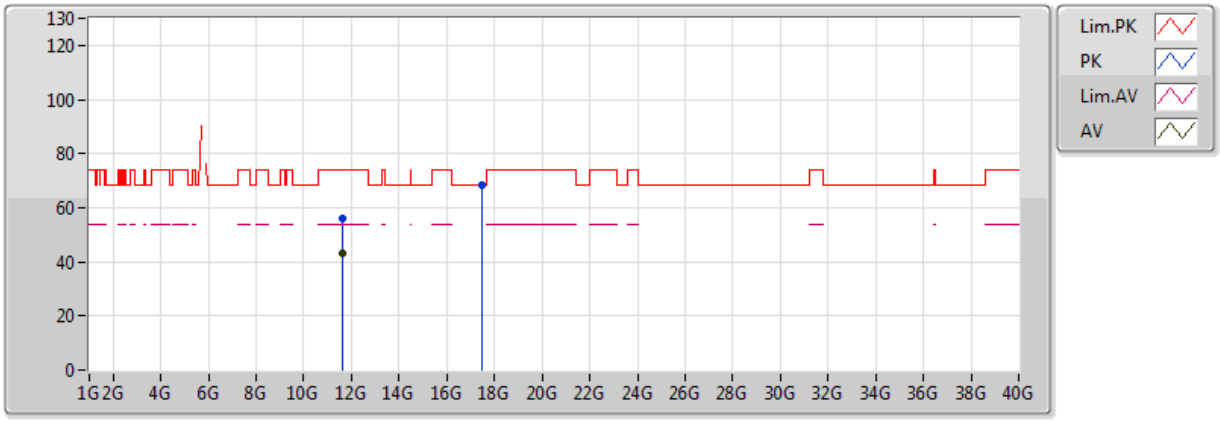


20171123
EUT Y_3TX
Setting 35
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.822G	108.99	Inf	-Inf	5.94	3	Horizontal	334	2.25
PK	5.583G	60.88	68.20	-7.32	5.07	3	Horizontal	334	2.25
PK	5.822G	118.79	Inf	-Inf	5.94	3	Horizontal	334	2.25
PK	5.968G	60.73	68.20	-7.47	6.47	3	Horizontal	334	2.25

802.11ac VHT20_Nss1,(MCS0)_3TX

5825MHz_TX

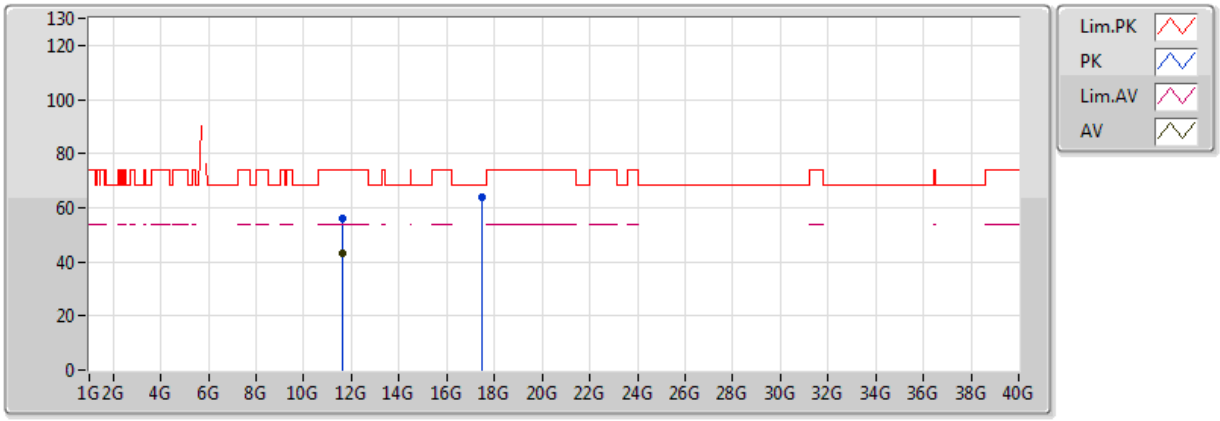


20171123
EUT Y_3TX
Setting 35
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	11.65156G	43.22	54.00	-10.78	13.35	3	Vertical	302	1.14
PK	11.65468G	56.27	74.00	-17.73	13.35	3	Vertical	302	1.14
PK	17.47612G	68.18	68.20	-0.02	17.76	3	Vertical	52	2.06

802.11ac VHT20_Nss1,(MCS0)_3TX

5825MHz_TX

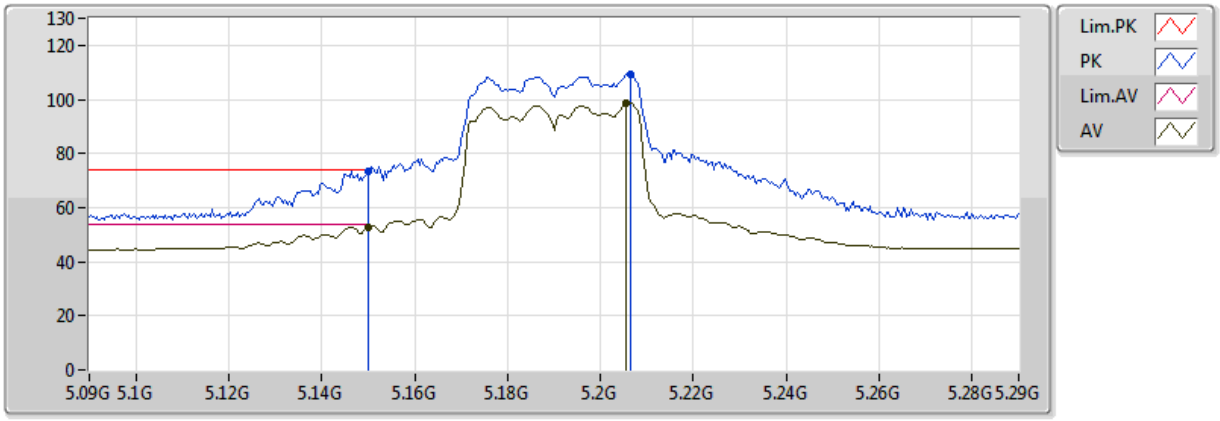


20171123
EUT Y_3TX
Setting 35
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	11.65204G	43.18	54.00	-10.82	13.35	3	Horizontal	96	2.46
PK	11.65184G	56.29	74.00	-17.71	13.35	3	Horizontal	96	2.46
PK	17.47384G	63.72	68.20	-4.48	17.76	3	Horizontal	128	1.53

802.11ac VHT40_Nss1,(MCS0)_3TX

5190MHz_TX

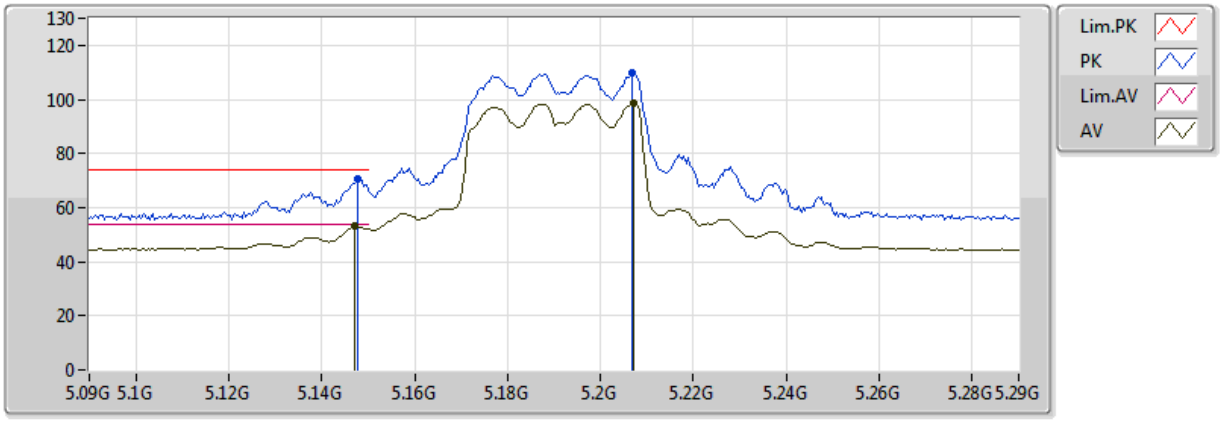


20171123
EUT Y_3TX
Setting 22
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.149995G	52.67	54.00	-1.33	4.06	3	Vertical	269	1.50
AV	5.2056G	98.51	Inf	-Inf	4.22	3	Vertical	269	1.50
PK	5.149995G	73.45	74.00	-0.55	4.06	3	Vertical	269	1.50
PK	5.2064G	109.43	Inf	-Inf	4.23	3	Vertical	269	1.50

802.11ac VHT40_Nss1,(MCS0)_3TX

5190MHz_TX

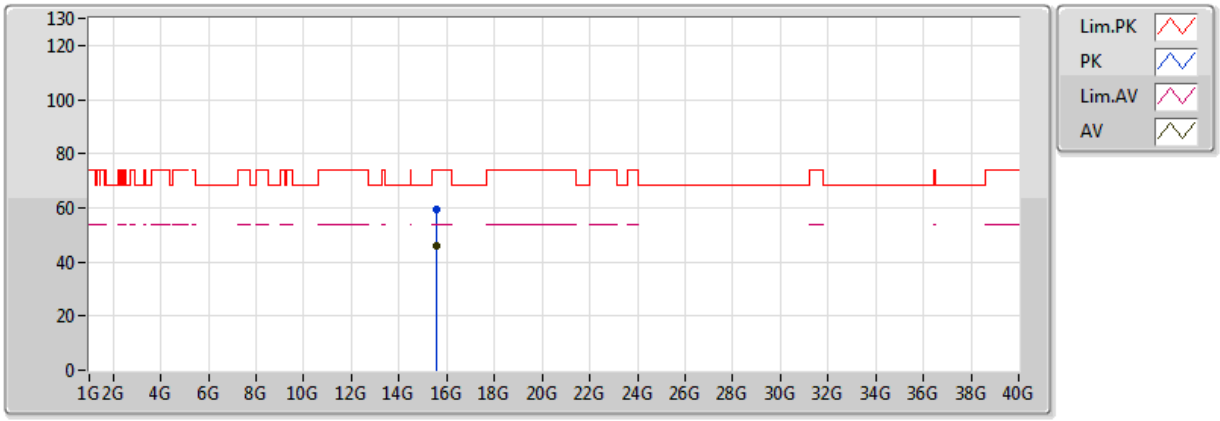


20171123
EUT Y_3TX
Setting 22
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.1472G	53.20	54.00	-0.80	4.05	3	Horizontal	107	1.50
AV	5.2072G	98.73	Inf	-Inf	4.23	3	Horizontal	107	1.50
PK	5.1476G	70.87	74.00	-3.13	4.05	3	Horizontal	107	1.50
PK	5.2068G	109.63	Inf	-Inf	4.23	3	Horizontal	107	1.50

802.11ac VHT40_Nss1,(MCS0)_3TX

5190MHz_TX

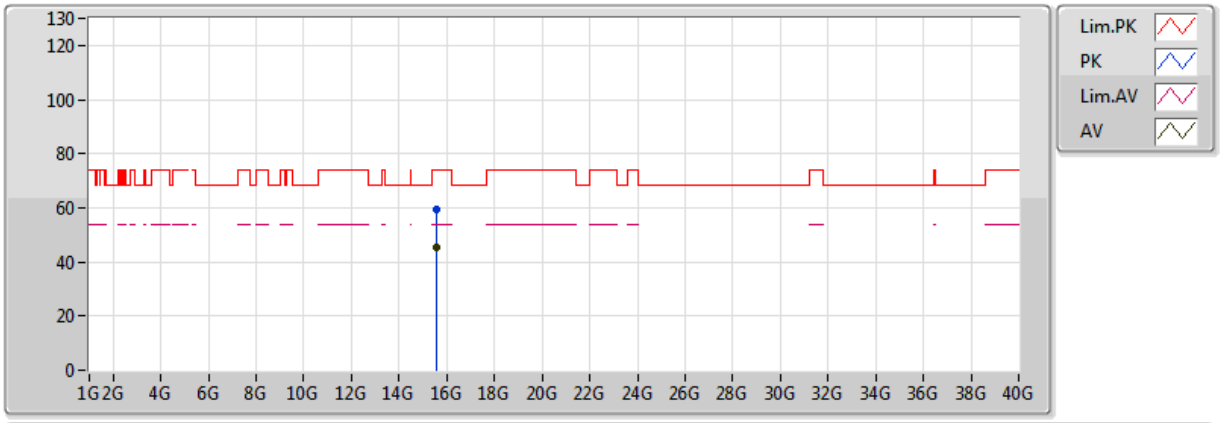


20171123
EUT Y_3TX
Setting 22
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	15.56644G	46.06	54.00	-7.94	15.19	3	Vertical	78	2.31
PK	15.56744G	59.26	74.00	-14.74	15.19	3	Vertical	78	2.31

802.11ac VHT40_Nss1,(MCS0)_3TX

5190MHz_TX

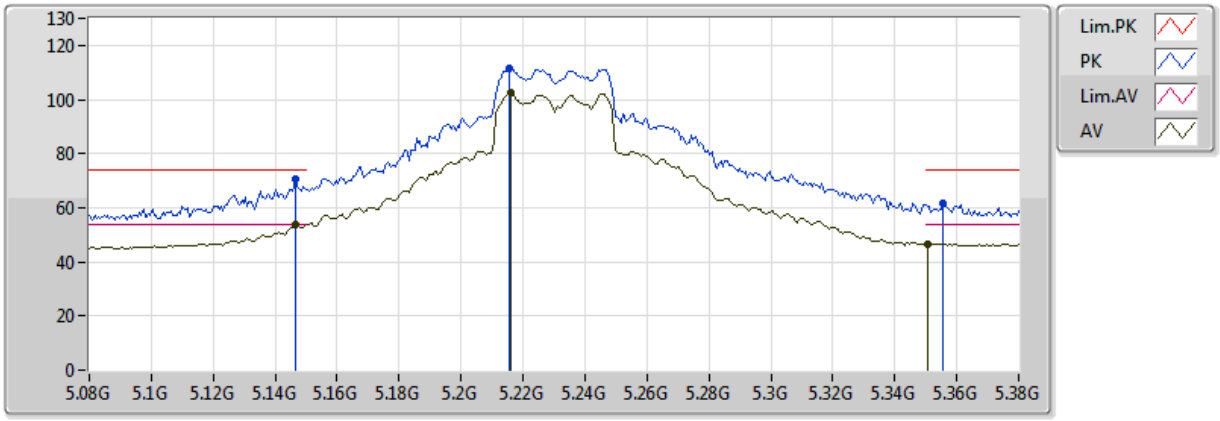


20171123
EUT Y_3TX
Setting 22
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	15.5687G	45.12	54.00	-8.88	15.19	3	Horizontal	276	1.64
PK	15.57418G	59.63	74.00	-14.37	15.19	3	Horizontal	276	1.64

802.11ac VHT40_Nss1,(MCS0)_3TX

5230MHz_TX

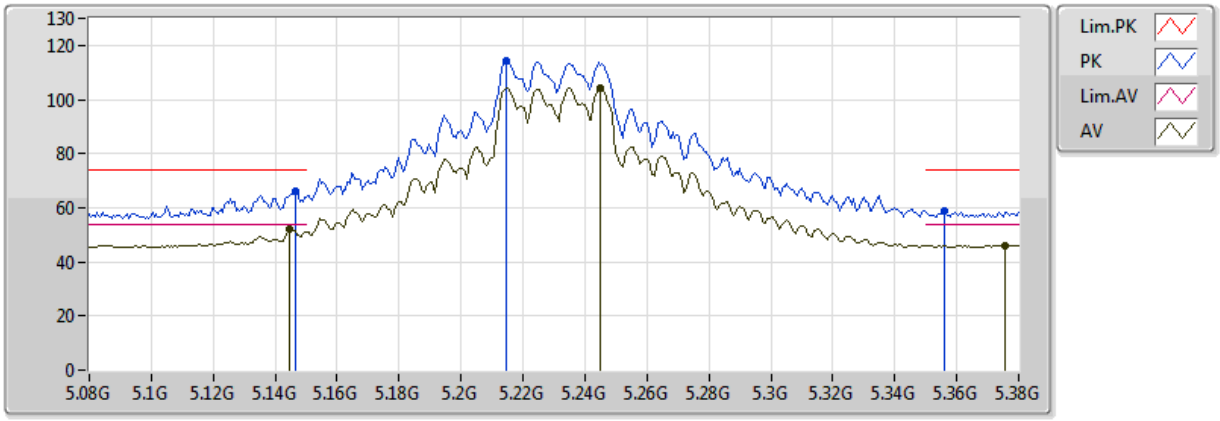


20171123
EUT Y_3TX
Setting 31
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.1466G	53.80	54.00	-0.20	4.05	3	Vertical	270	1.50
AV	5.2162G	102.28	Inf	-Inf	4.25	3	Vertical	270	1.50
AV	5.3506G	46.74	54.00	-7.26	4.57	3	Vertical	270	1.50
PK	5.1466G	70.55	74.00	-3.45	4.05	3	Vertical	270	1.50
PK	5.2156G	111.47	Inf	-Inf	4.25	3	Vertical	270	1.50
PK	5.3554G	61.50	74.00	-12.50	4.58	3	Vertical	270	1.50

802.11ac VHT40_Nss1,(MCS0)_3TX

5230MHz_TX

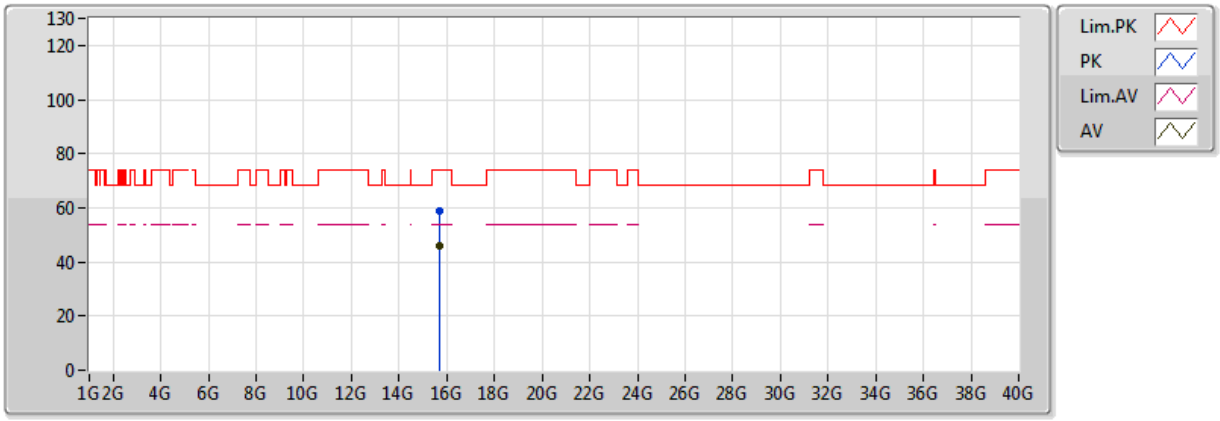


20171123
EUT Y_3TX
Setting 31
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.1448G	52.18	54.00	-1.82	4.04	3	Horizontal	321	1.75
AV	5.245G	104.28	Inf	-Inf	4.32	3	Horizontal	321	1.75
AV	5.3758G	46.17	54.00	-7.83	4.62	3	Horizontal	321	1.75
PK	5.1466G	66.08	74.00	-7.92	4.05	3	Horizontal	321	1.75
PK	5.2144G	114.32	Inf	-Inf	4.25	3	Horizontal	321	1.75
PK	5.356G	58.77	74.00	-15.23	4.58	3	Horizontal	321	1.75

802.11ac VHT40_Nss1,(MCS0)_3TX

5230MHz_TX

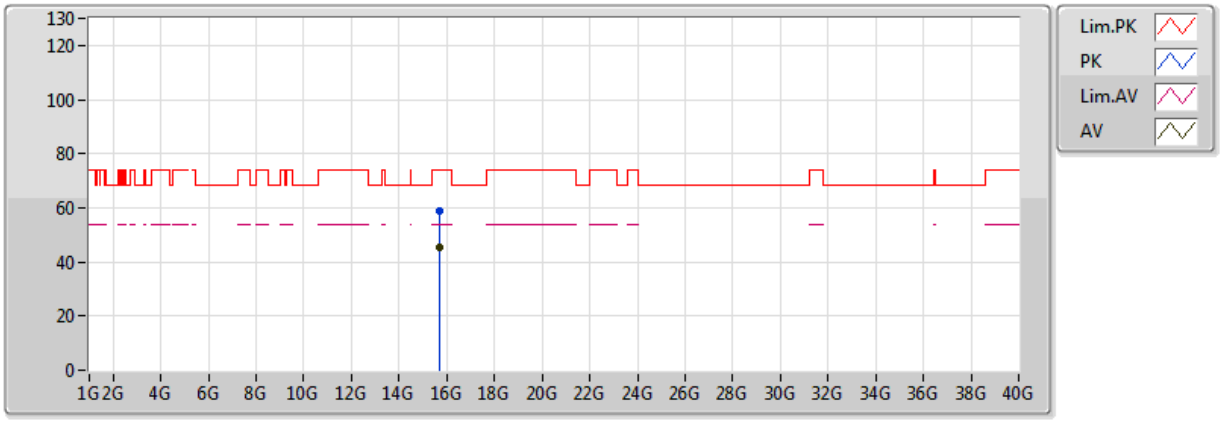


20171123
EUT Y_3TX
Setting 31
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	15.685G	45.72	54.00	-8.28	15.07	3	Vertical	242	1.78
PK	15.69392G	58.94	74.00	-15.06	15.06	3	Vertical	242	1.78

802.11ac VHT40_Nss1,(MCS0)_3TX

5230MHz_TX

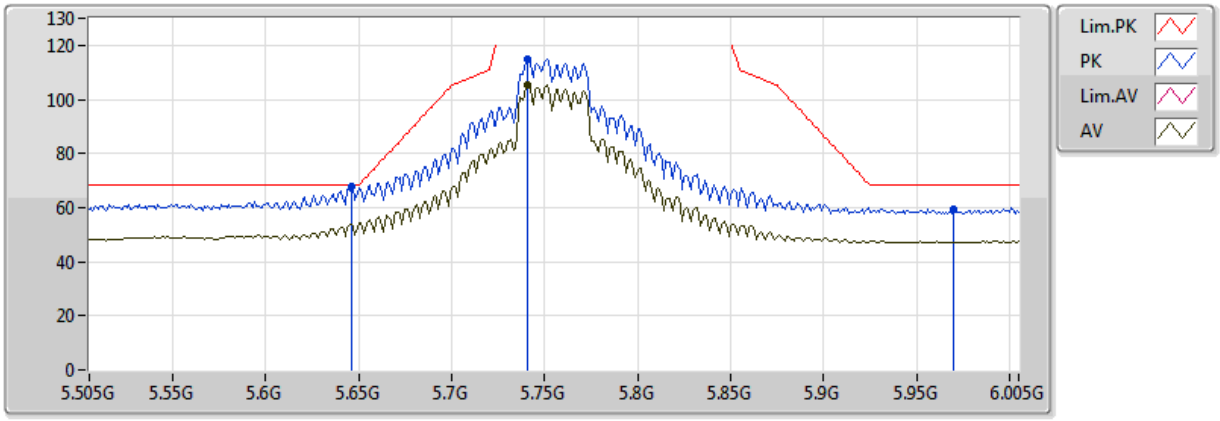


20171123
EUT Y_3TX
Setting 31
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	15.68738G	45.64	54.00	-8.36	15.06	3	Horizontal	235	1.52
PK	15.68802G	59.08	74.00	-14.92	15.06	3	Horizontal	235	1.52

802.11ac VHT40_Nss1,(MCS0)_3TX

5755MHz_TX

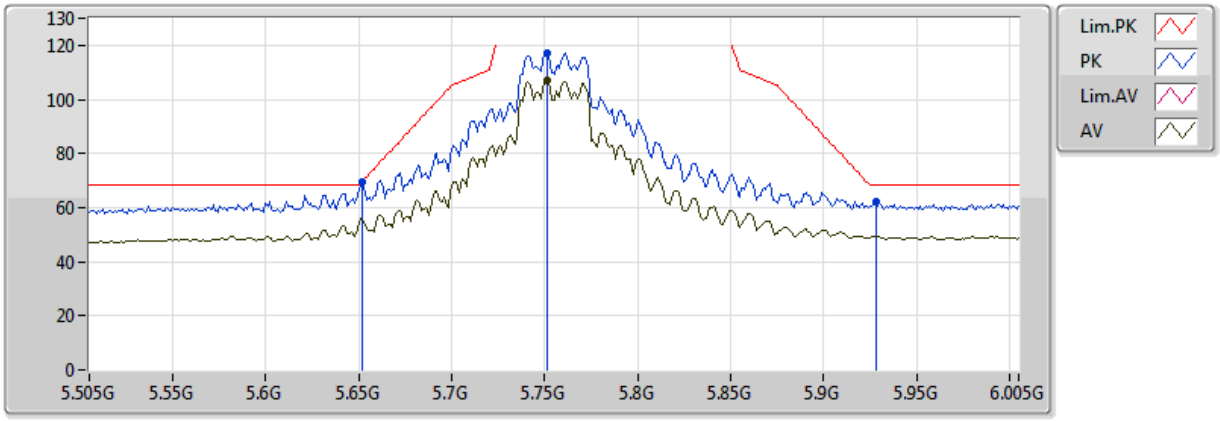


20171123
EUT Y_3TX
Setting 36
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.741G	105.42	Inf	-Inf	5.64	3	Vertical	179	2.14
PK	5.646G	67.65	68.20	-0.55	5.29	3	Vertical	179	2.14
PK	5.741G	114.84	Inf	-Inf	5.64	3	Vertical	179	2.14
PK	5.97G	59.56	68.20	-8.64	6.48	3	Vertical	179	2.14

802.11ac VHT40_Nss1,(MCS0)_3TX

5755MHz_TX

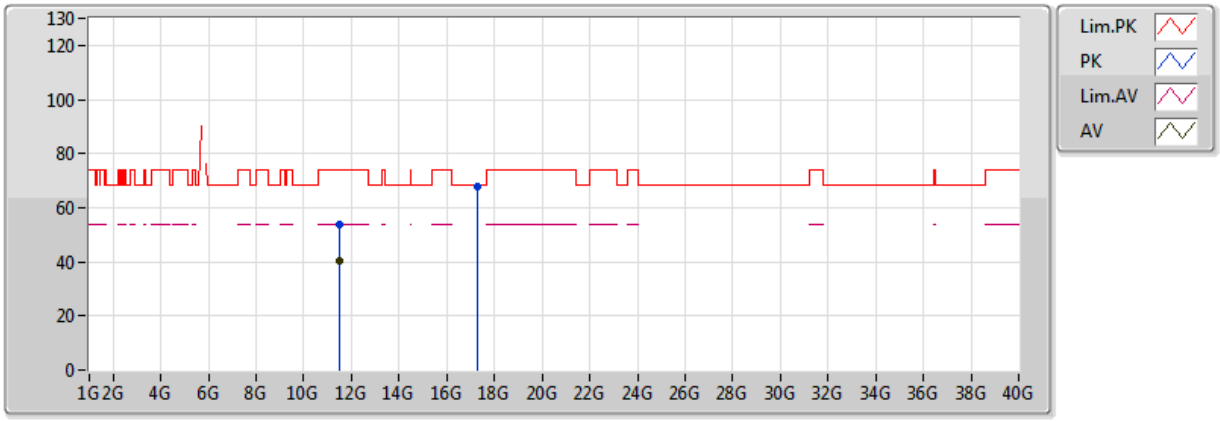


20171123
EUT Y_3TX
Setting 36
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.751G	106.92	Inf	-Inf	5.68	3	Horizontal	339	1.84
PK	5.652G	69.66	69.68	-0.02	5.31	3	Horizontal	339	1.84
PK	5.751G	117.02	Inf	-Inf	5.68	3	Horizontal	339	1.84
PK	5.928G	62.02	68.20	-6.18	6.33	3	Horizontal	339	1.84

802.11ac VHT40_Nss1,(MCS0)_3TX

5755MHz_TX

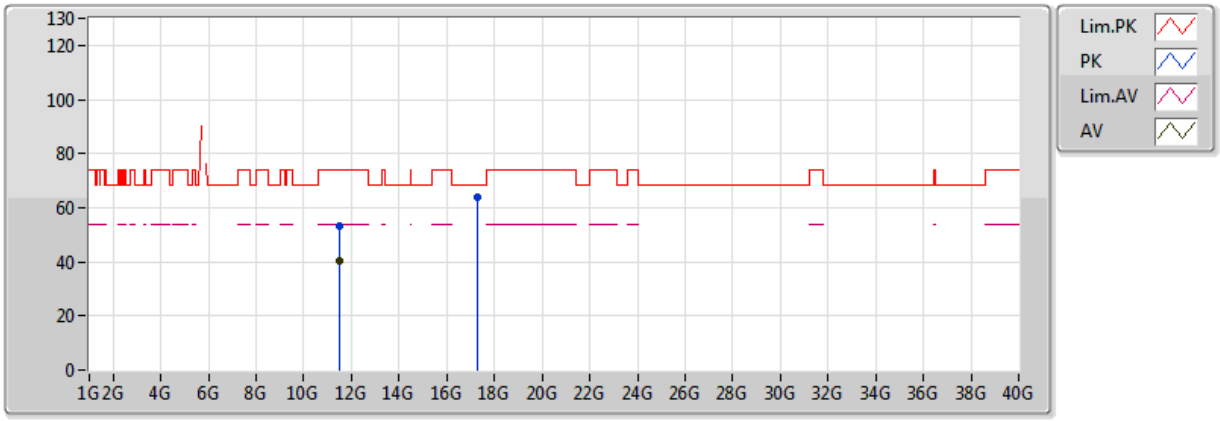


20171123
EUT Y_3TX
Setting 36
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	11.51368G	40.44	54.00	-13.56	13.32	3	Vertical	250	1.41
PK	11.51368G	53.66	74.00	-20.34	13.32	3	Vertical	250	1.41
PK	17.26648G	67.64	68.20	-0.56	17.52	3	Vertical	54	1.84

802.11ac VHT40_Nss1,(MCS0)_3TX

5755MHz_TX

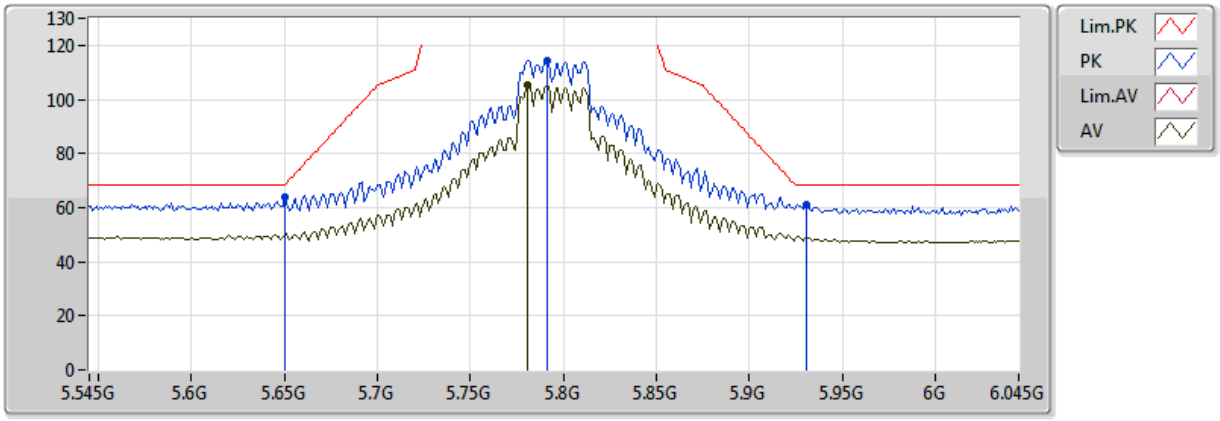


20171123
EUT Y_3TX
Setting 36
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	11.51376G	40.56	54.00	-13.44	13.32	3	Horizontal	106	1.91
PK	11.51328G	53.20	74.00	-20.80	13.32	3	Horizontal	106	1.91
PK	17.26584G	63.78	68.20	-4.42	17.52	3	Horizontal	144	2.42

802.11ac VHT40_Nss1,(MCS0)_3TX

5795MHz_TX

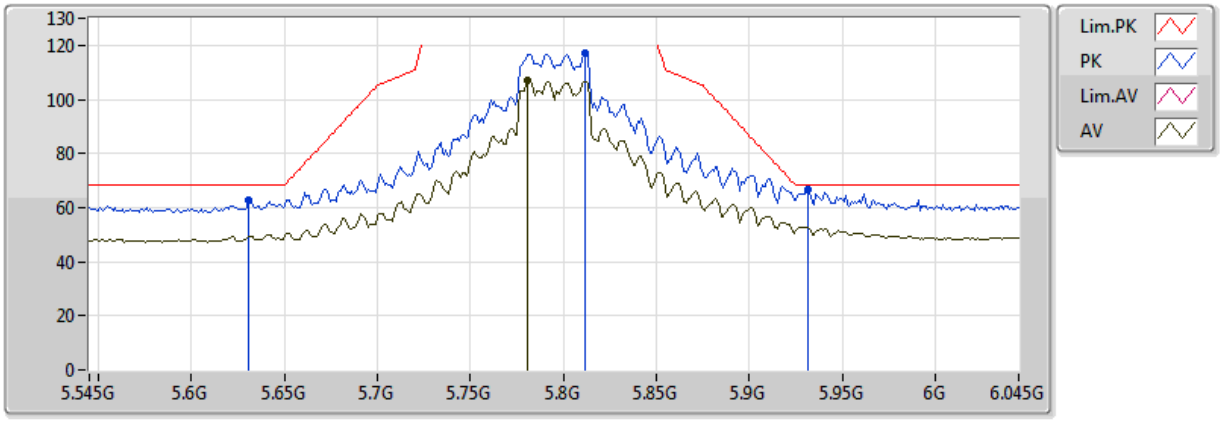


20171123
EUT Y_3TX
Setting 37
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.781G	105.17	Inf	-Inf	5.79	3	Vertical	143	1.62
PK	5.65G	63.83	68.20	-4.37	5.30	3	Vertical	143	1.62
PK	5.791G	114.55	Inf	-Inf	5.83	3	Vertical	143	1.62
PK	5.931G	61.29	68.20	-6.91	6.34	3	Vertical	143	1.62

802.11ac VHT40_Nss1,(MCS0)_3TX

5795MHz_TX

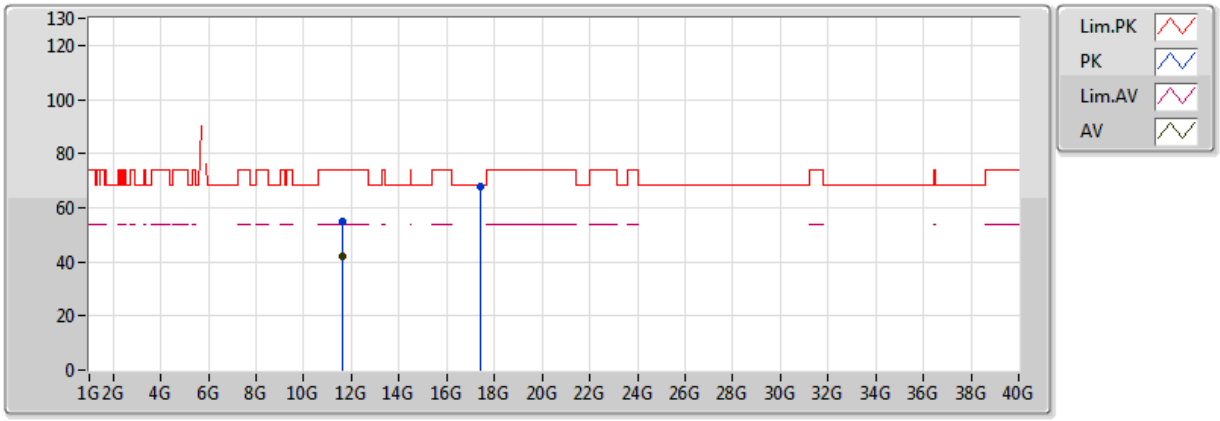


20171123
EUT Y_3TX
Setting 37
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.781G	107.04	Inf	-Inf	5.79	3	Horizontal	335	2.27
PK	5.631G	62.60	68.20	-5.60	5.23	3	Horizontal	335	2.27
PK	5.812G	117.04	Inf	-Inf	5.90	3	Horizontal	335	2.27
PK	5.932G	66.93	68.20	-1.27	6.35	3	Horizontal	335	2.27

802.11ac VHT40_Nss1,(MCS0)_3TX

5795MHz_TX

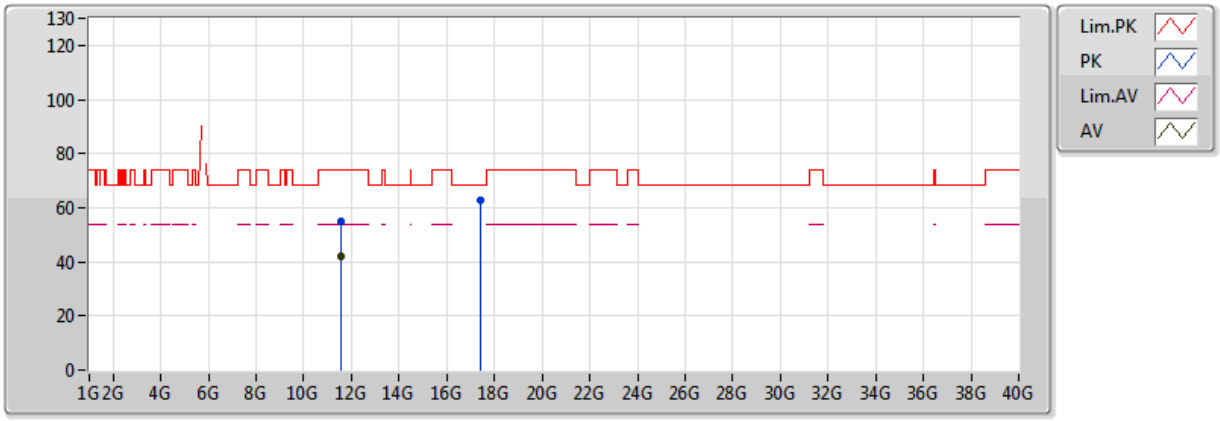


20171123
EUT Y_3TX
Setting 37
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	11.59476G	41.98	54.00	-12.02	13.34	3	Vertical	20	2.49
PK	11.59422G	54.92	74.00	-19.08	13.34	3	Vertical	20	2.49
PK	17.38716G	67.87	68.20	-0.33	17.66	3	Vertical	55	2.32

802.11ac VHT40_Nss1,(MCS0)_3TX

5795MHz_TX

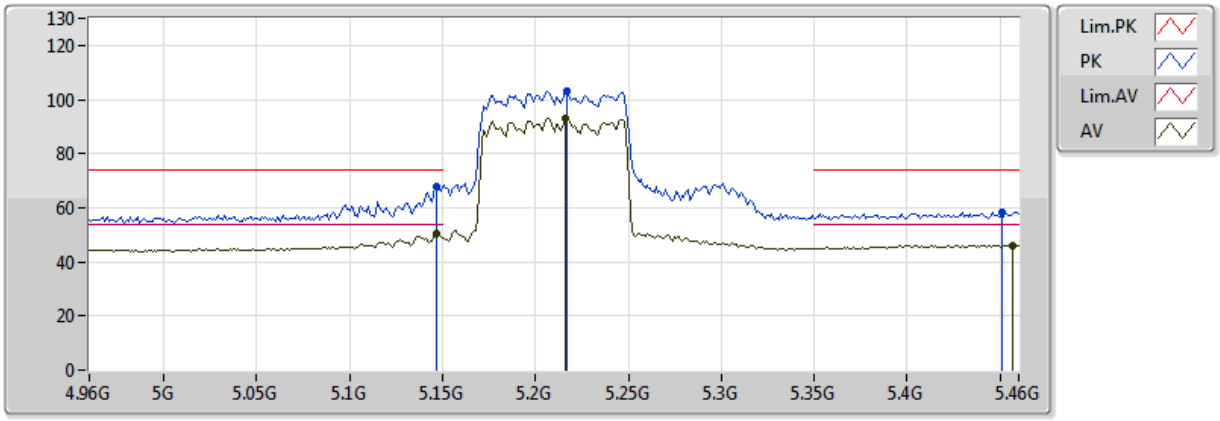


20171123
EUT Y_3TX
Setting 37
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	11.5872G	41.96	54.00	-12.04	13.34	3	Horizontal	285	2.37
PK	11.58732G	54.91	74.00	-19.09	13.34	3	Horizontal	285	2.37
PK	17.38756G	62.73	68.20	-5.47	17.66	3	Horizontal	231	1.53

802.11ac VHT80_Nss1,(MCS0)_3TX

5210MHz_TX

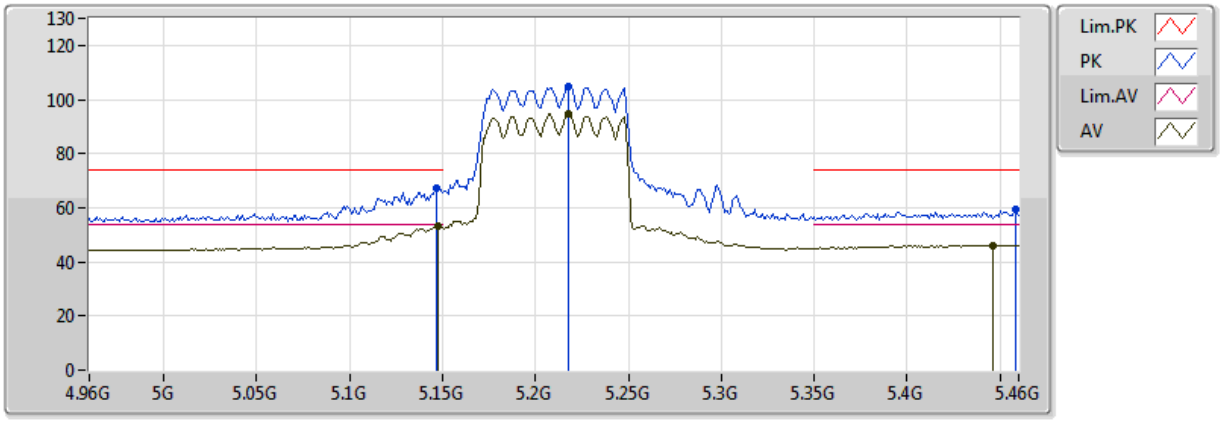


20171123
EUT Y_3TX
Setting 19
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.147G	50.31	54.00	-3.69	4.05	3	Vertical	266	1.50
AV	5.216G	92.92	Inf	-Inf	4.25	3	Vertical	266	1.50
AV	5.457G	46.15	54.00	-7.85	4.76	3	Vertical	266	1.50
PK	5.147G	67.85	74.00	-6.15	4.05	3	Vertical	266	1.50
PK	5.217G	102.96	Inf	-Inf	4.25	3	Vertical	266	1.50
PK	5.451G	58.50	74.00	-15.50	4.75	3	Vertical	266	1.50

802.11ac VHT80_Nss1,(MCS0)_3TX

5210MHz_TX

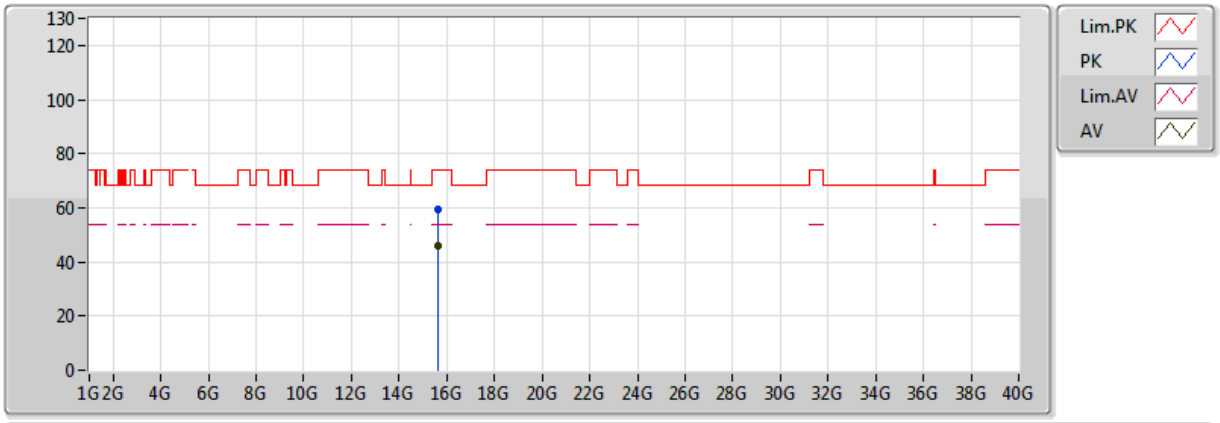


20171123
EUT Y_3TX
Setting 19
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.148G	53.50	54.00	-0.50	4.05	3	Horizontal	108	1.50
AV	5.218G	94.67	Inf	-Inf	4.25	3	Horizontal	108	1.50
AV	5.446G	46.18	54.00	-7.82	4.74	3	Horizontal	108	1.50
PK	5.147G	67.36	74.00	-6.64	4.05	3	Horizontal	108	1.50
PK	5.218G	104.83	Inf	-Inf	4.25	3	Horizontal	108	1.50
PK	5.458G	59.47	74.00	-14.53	4.76	3	Horizontal	108	1.50

802.11ac VHT80_Nss1,(MCS0)_3TX

5210MHz_TX

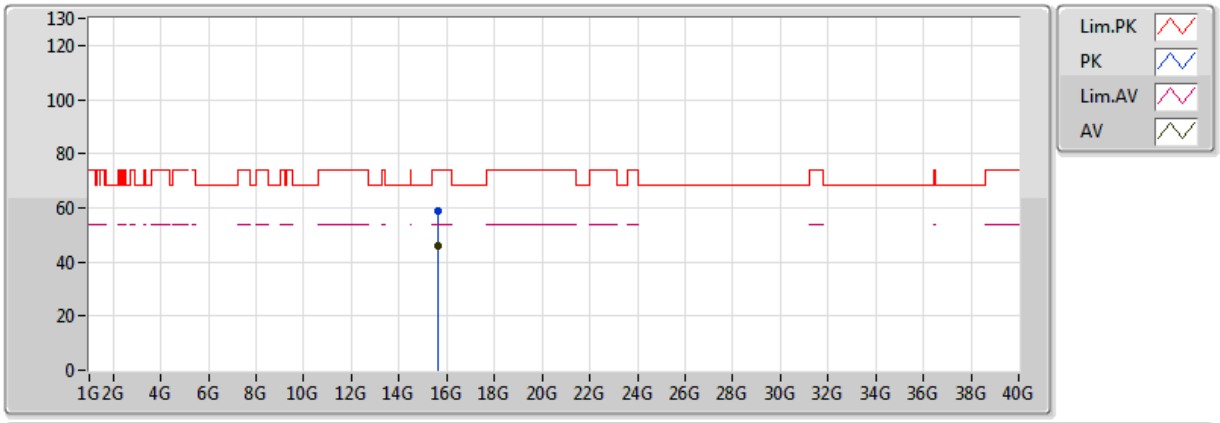


20171123
EUT Y_3TX
Setting 19
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	15.63436G	45.90	54.00	-8.10	15.12	3	Vertical	217	2.32
PK	15.6292G	59.43	74.00	-14.57	15.13	3	Vertical	217	2.32

802.11ac VHT80_Nss1,(MCS0)_3TX

5210MHz_TX

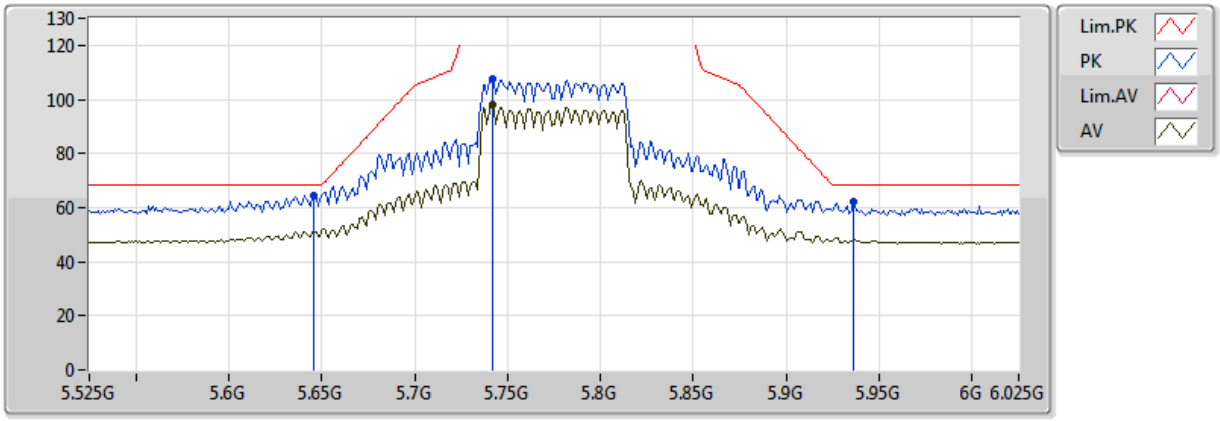


20171123
EUT Y_3TX
Setting 19
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	15.62666G	45.86	54.00	-8.14	15.13	3	Horizontal	313	1.78
PK	15.62576G	58.87	74.00	-15.13	15.13	3	Horizontal	313	1.78

802.11ac VHT80_Nss1,(MCS0)_3TX

5775MHz_TX

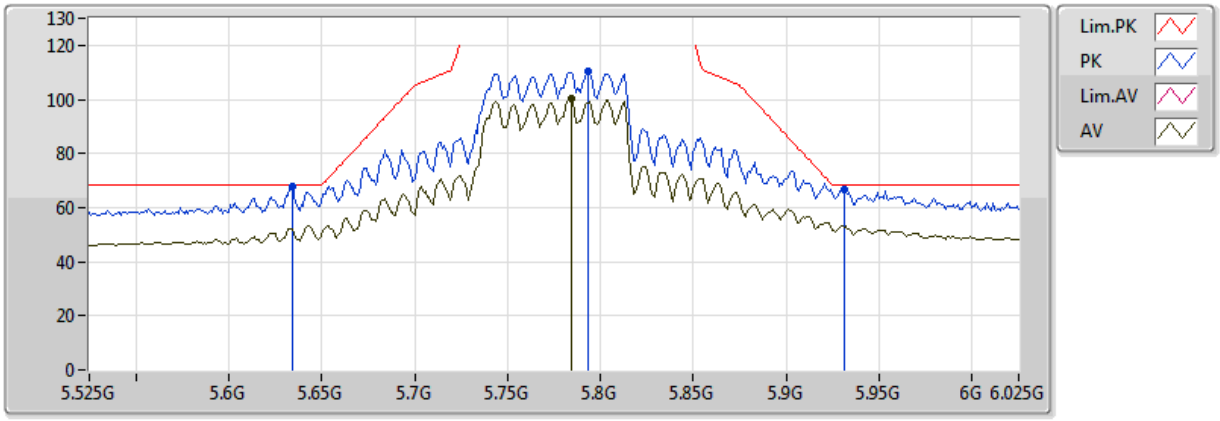


20171123
EUT Y_3TX
Setting 27
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.742G	97.96	Inf	-Inf	5.65	3	Vertical	149	1.47
PK	5.646G	64.61	68.20	-3.59	5.29	3	Vertical	149	1.47
PK	5.742G	107.79	Inf	-Inf	5.65	3	Vertical	149	1.47
PK	5.936G	62.11	68.20	-6.09	6.36	3	Vertical	149	1.47

802.11ac VHT80_Nss1,(MCS0)_3TX

5775MHz_TX

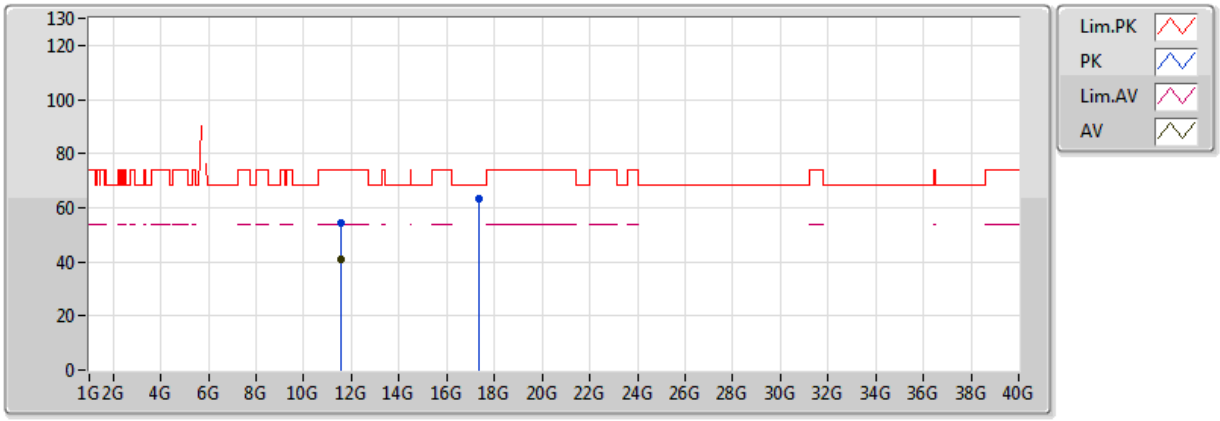


20171123
EUT Y_3TX
Setting 27
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	5.784G	100.41	Inf	-Inf	5.80	3	Horizontal	320	2.28
PK	5.634G	67.94	68.20	-0.26	5.25	3	Horizontal	320	2.28
PK	5.793G	110.16	Inf	-Inf	5.83	3	Horizontal	320	2.28
PK	5.931G	66.77	68.20	-1.43	6.34	3	Horizontal	320	2.28

802.11ac VHT80_Nss1,(MCS0)_3TX

5775MHz_TX

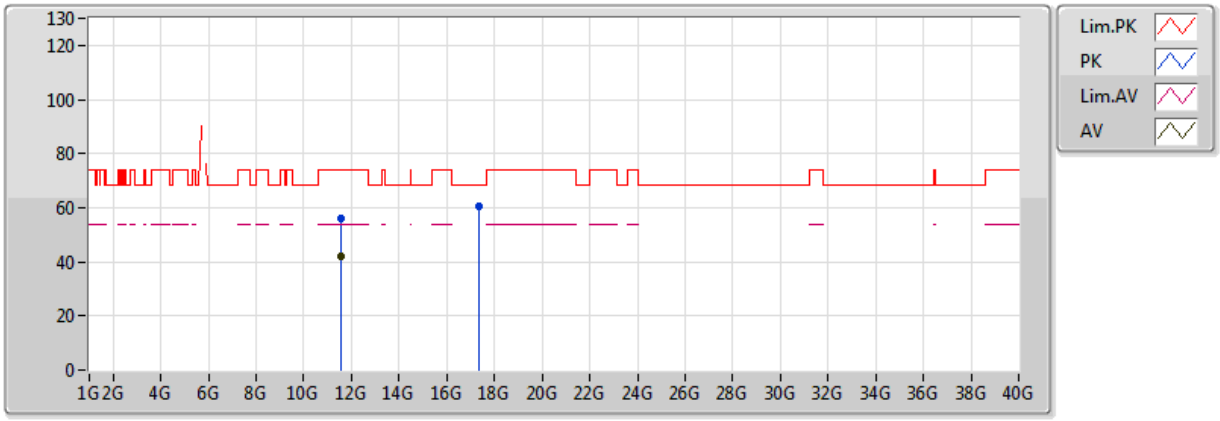


20171123
EUT Y_3TX
Setting 27
04-G-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	11.5465G	41.10	54.00	-12.90	13.33	3	Vertical	340	2.12
PK	11.54688G	54.14	74.00	-19.86	13.33	3	Vertical	340	2.12
PK	17.32726G	63.07	68.20	-5.13	17.59	3	Vertical	50	2.07

802.11ac VHT80_Nss1,(MCS0)_3TX

5775MHz_TX



20171123
EUT Y_3TX
Setting 27
04-G-2
FSP(100142)

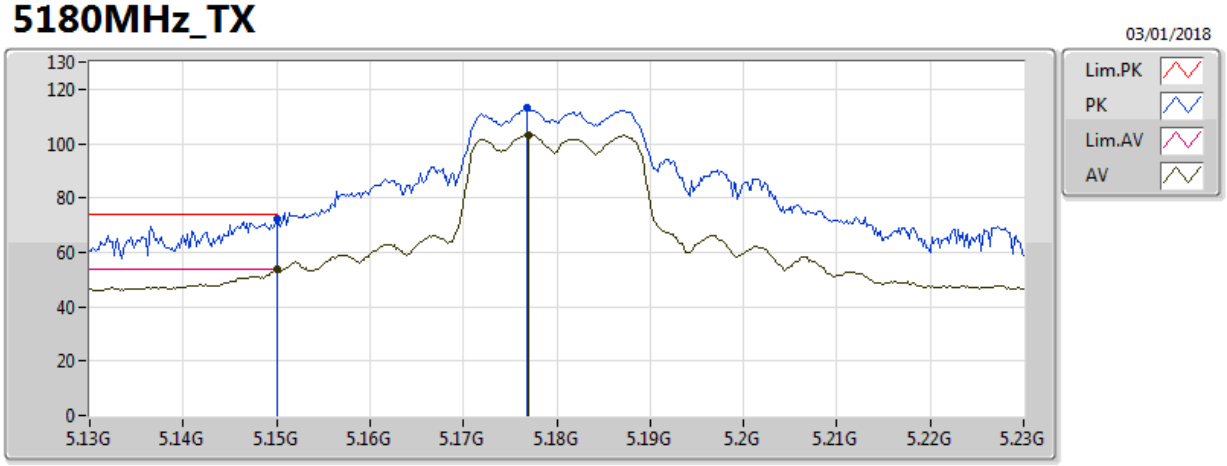
Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)
AV	11.5519G	42.19	54.00	-11.81	13.33	3	Horizontal	48	1.61
PK	11.5473G	55.97	74.00	-18.03	13.33	3	Horizontal	48	1.61
PK	17.32808G	60.28	68.20	-7.92	17.59	3	Horizontal	232	1.50

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	Pass	PK	5.1456G	73.99	74.00	-0.01	5.67	3	Horizontal	266	1.64	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5180MHz_TX

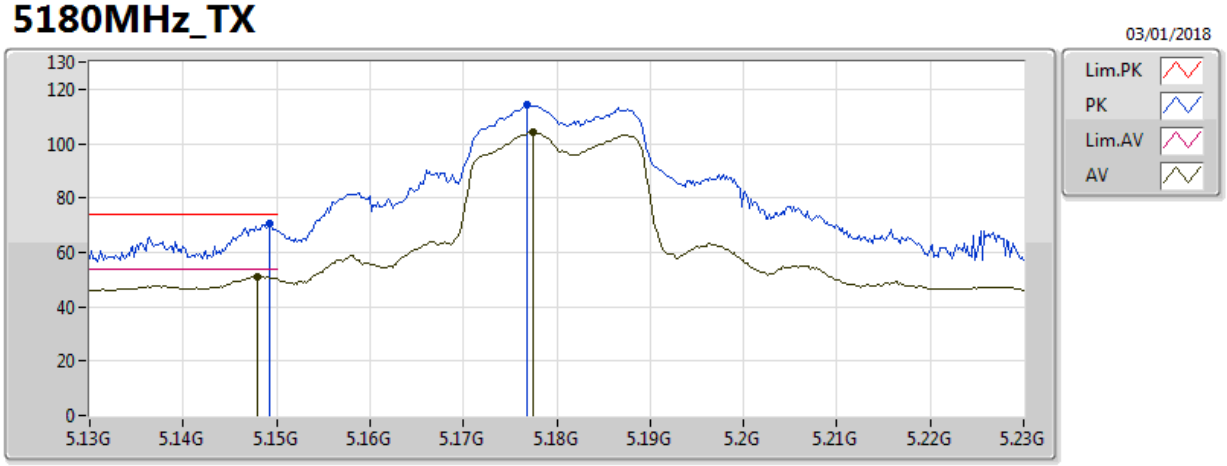


20170103
EUT Y_3TX
Setting 17
03-N-2-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.149995G	53.88	54.00	-0.12	5.69	3	Vertical	190	1.38	-
AV	5.177G	103.36	Inf	-Inf	5.79	3	Vertical	190	1.38	-
PK	5.149995G	72.02	74.00	-1.98	5.69	3	Vertical	190	1.38	-
PK	5.1768G	113.20	Inf	-Inf	5.79	3	Vertical	190	1.38	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5180MHz_TX

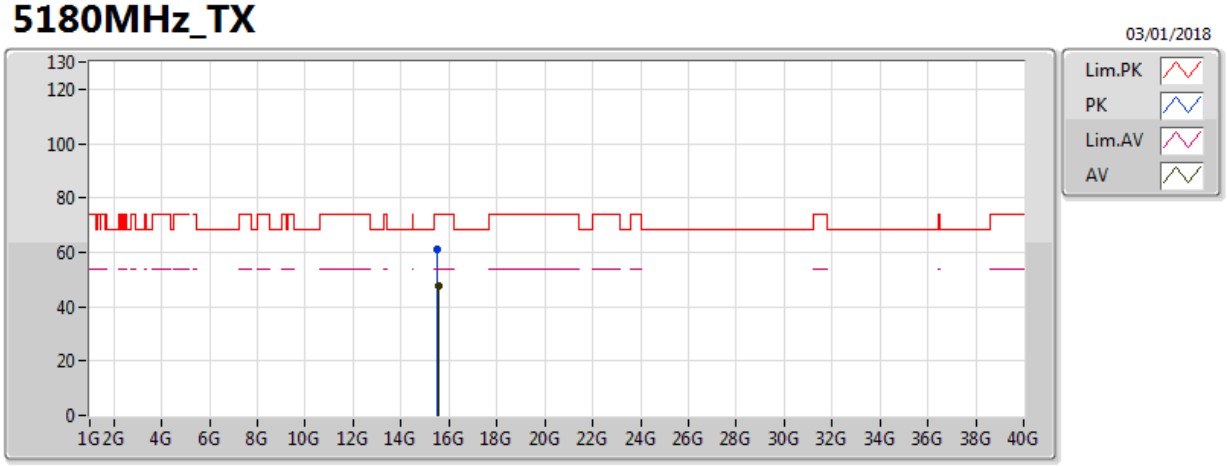


20170103
EUT Y_3TX
Setting 17
03-N-2-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.148G	51.19	54.00	-2.81	5.68	3	Horizontal	255	1.79	-
AV	5.1774G	104.30	Inf	-Inf	5.79	3	Horizontal	255	1.79	-
PK	5.1492G	70.68	74.00	-3.32	5.69	3	Horizontal	255	1.79	-
PK	5.1768G	114.54	Inf	-Inf	5.79	3	Horizontal	255	1.79	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5180MHz_TX

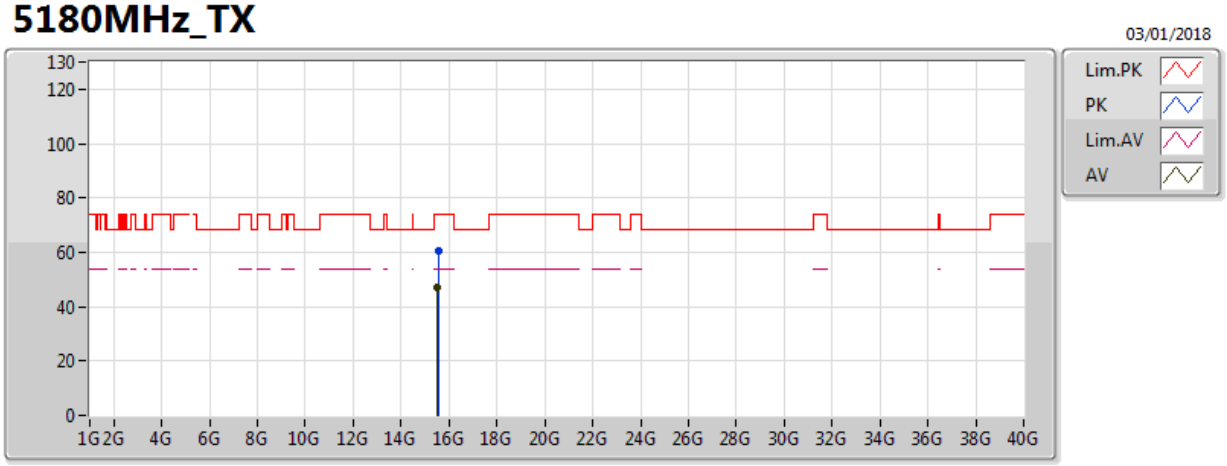


20170103
EUT Y_3TX
Setting 17
03-N-2
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.5388G	47.45	54.00	-6.55	15.92	3	Vertical	81	1.50	-
PK	15.53064G	61.31	74.00	-12.69	15.95	3	Vertical	81	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5180MHz_TX

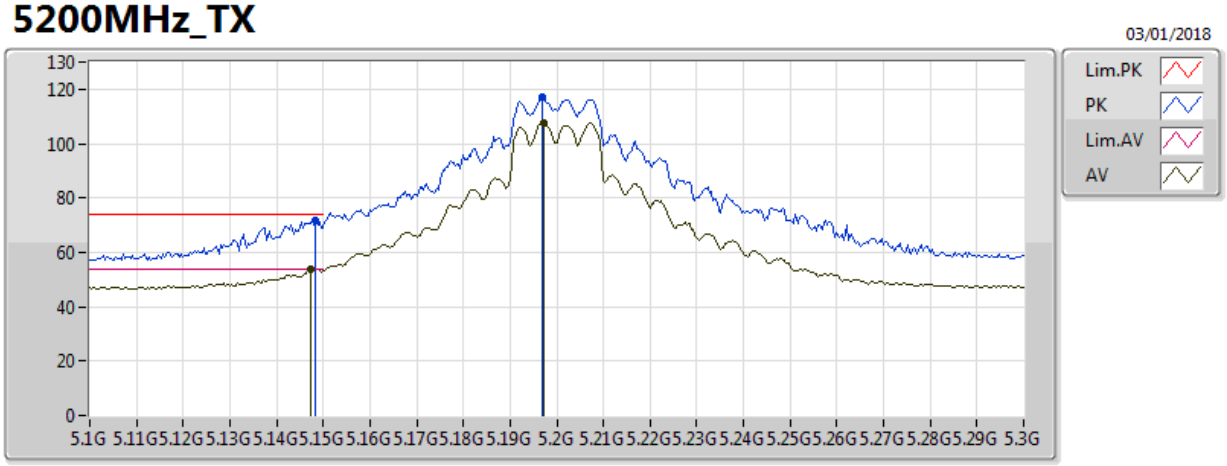


20170103
EUT Y_3TX
Setting 17
03-N-2
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.53072G	46.83	54.00	-7.17	15.95	3	Horizontal	40	1.78	-
PK	15.5498G	60.36	74.00	-13.64	15.88	3	Horizontal	40	1.78	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5200MHz_TX

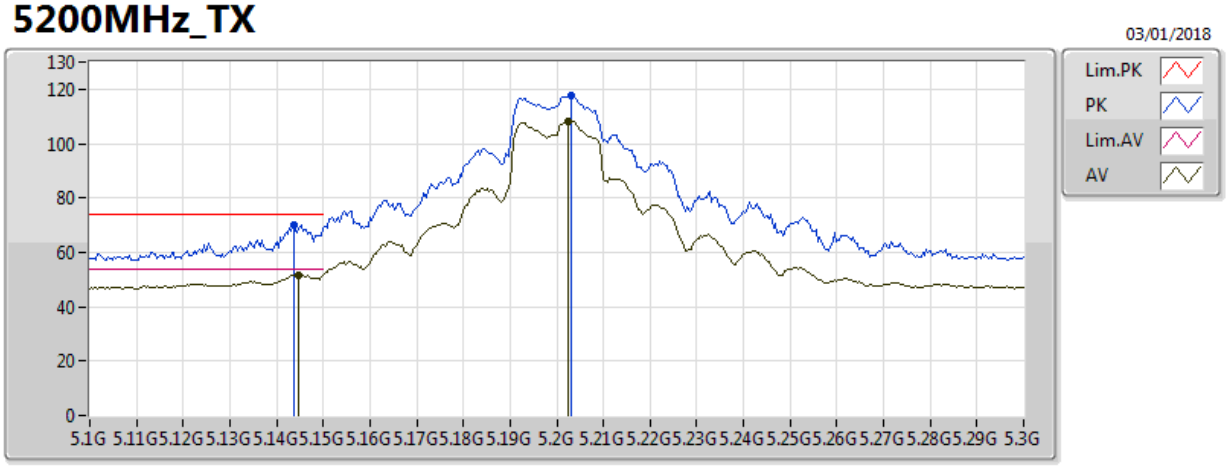


20170103
EUT Y_3TX
Setting 1f
03-N-2-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1472G	53.88	54.00	-0.12	5.68	3	Vertical	191	1.40	-
AV	5.1972G	107.48	Inf	-Inf	5.87	3	Vertical	191	1.40	-
PK	5.1484G	71.84	74.00	-2.16	5.68	3	Vertical	191	1.40	-
PK	5.1968G	117.24	Inf	-Inf	5.87	3	Vertical	191	1.40	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5200MHz_TX

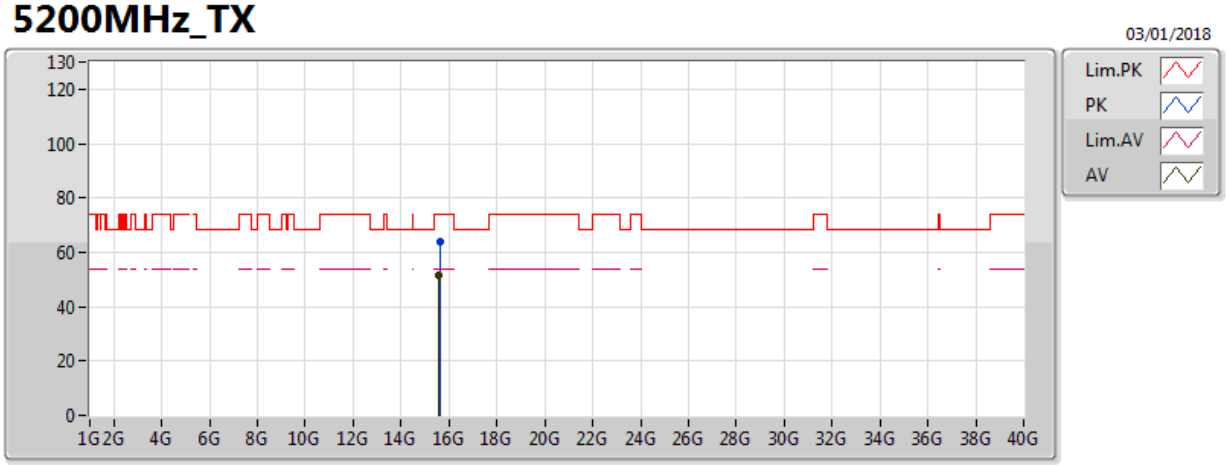


20170103
EUT Y_3TX
Setting 1f
03-N-2-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1448G	51.60	54.00	-2.40	5.67	3	Horizontal	276	1.34	-
AV	5.2024G	108.42	Inf	-Inf	5.88	3	Horizontal	276	1.34	-
PK	5.1436G	69.87	74.00	-4.13	5.67	3	Horizontal	276	1.34	-
PK	5.2032G	117.85	Inf	-Inf	5.88	3	Horizontal	276	1.34	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5200MHz_TX

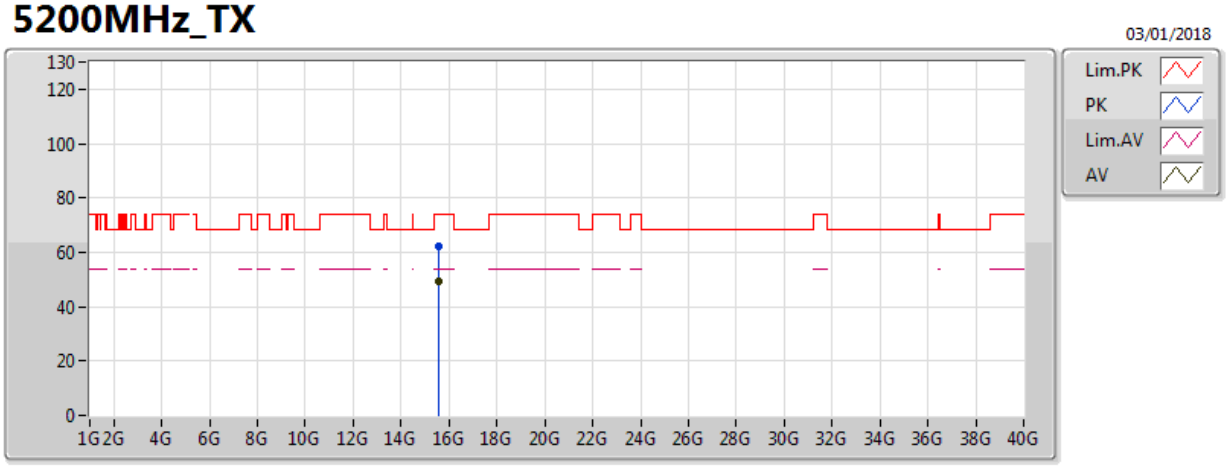


20170103
EUT Y_3TX
Setting 1f
03-N-2
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.59784G	51.32	54.00	-2.68	15.71	3	Vertical	60	1.50	-
PK	15.60816G	63.64	74.00	-10.36	15.67	3	Vertical	60	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5200MHz_TX

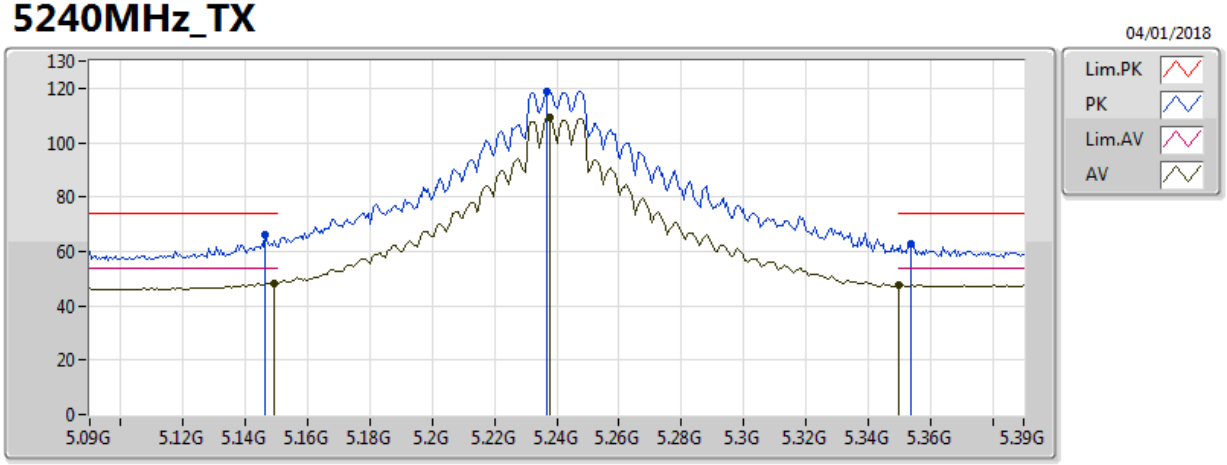


20170103
EUT Y_3TX
Setting 1f
03-N-2
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.59772G	49.56	54.00	-4.44	15.71	3	Horizontal	144	2.20	-
PK	15.59824G	62.36	74.00	-11.64	15.71	3	Horizontal	144	2.20	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5240MHz_TX

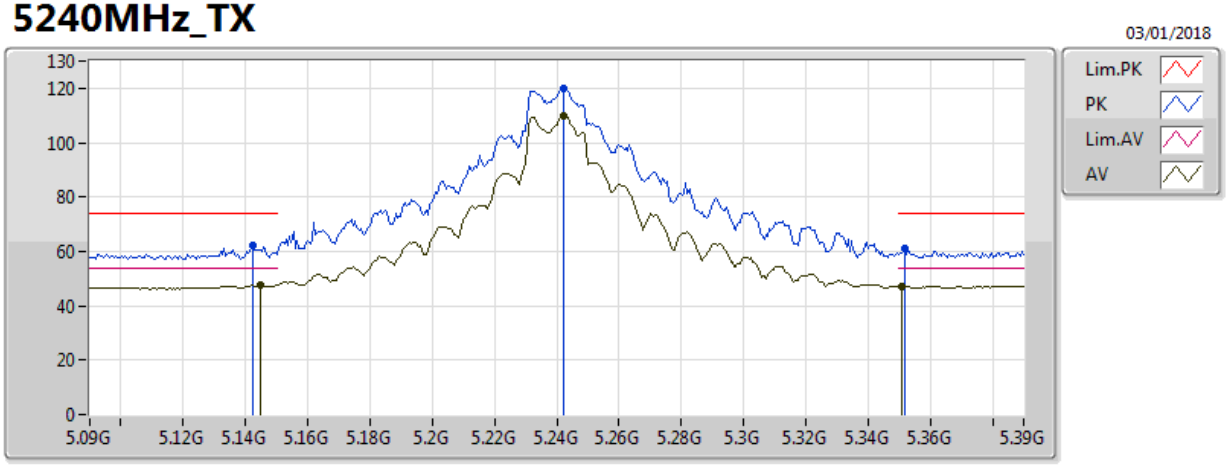


20170103
EUT Y_3TX
Setting 25
03-N-2-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1494G	48.21	54.00	-5.79	5.69	3	Vertical	186	1.47	-
AV	5.2376G	109.23	Inf	-Inf	5.93	3	Vertical	186	1.47	-
AV	5.350005G	47.88	54.00	-6.12	6.07	3	Vertical	186	1.47	-
PK	5.1464G	66.26	74.00	-7.74	5.68	3	Vertical	186	1.47	-
PK	5.237G	119.04	Inf	-Inf	5.93	3	Vertical	186	1.47	-
PK	5.354G	62.67	74.00	-11.33	6.07	3	Vertical	186	1.47	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5240MHz_TX

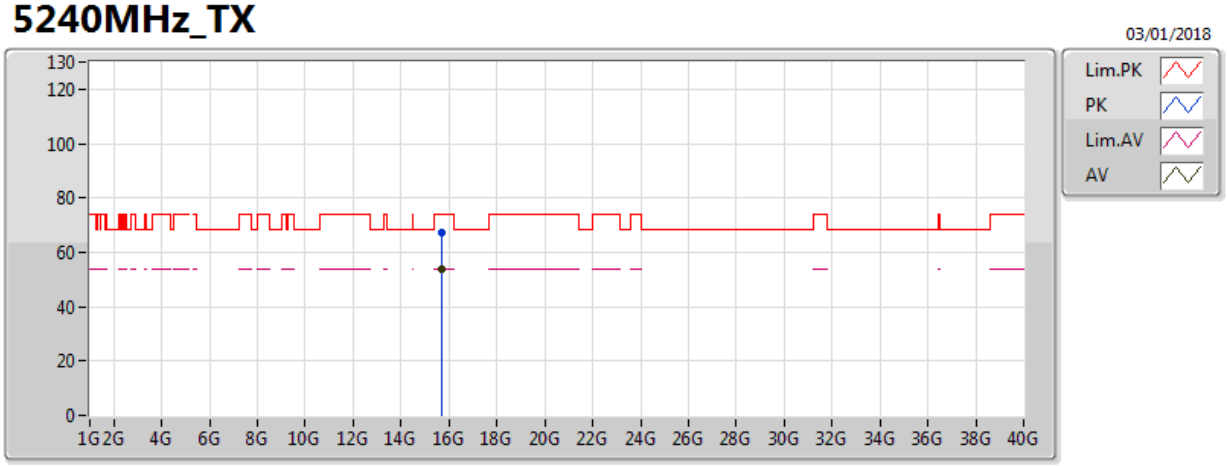


20170103
EUT Y_3TX
Setting 25
03-N-2-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1446G	47.76	54.00	-6.24	5.67	3	Horizontal	275	1.50	-
AV	5.2424G	110.00	Inf	-Inf	5.94	3	Horizontal	275	1.50	-
AV	5.351G	47.28	54.00	-6.72	6.07	3	Horizontal	275	1.50	-
PK	5.1422G	62.06	74.00	-11.94	5.66	3	Horizontal	275	1.50	-
PK	5.2424G	120.00	Inf	-Inf	5.94	3	Horizontal	275	1.50	-
PK	5.3516G	60.89	74.00	-13.11	6.07	3	Horizontal	275	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5240MHz_TX

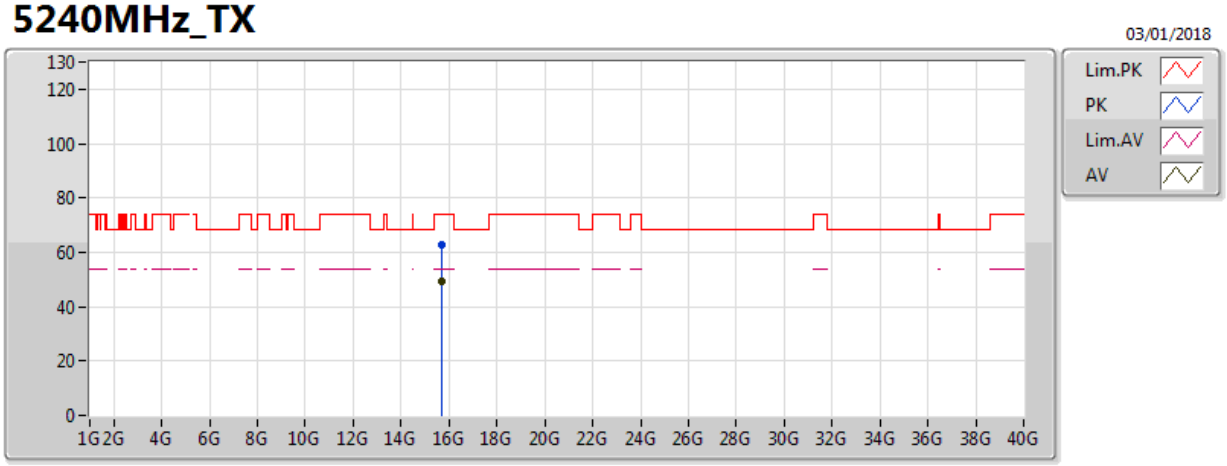


20170103
EUT Y_3TX
Setting 25
03-N-2
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.7191G	53.98	54.00	-0.02	15.28	3	Vertical	67	2.06	-
PK	15.72G	67.33	74.00	-6.67	15.28	3	Vertical	67	2.06	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5240MHz_TX

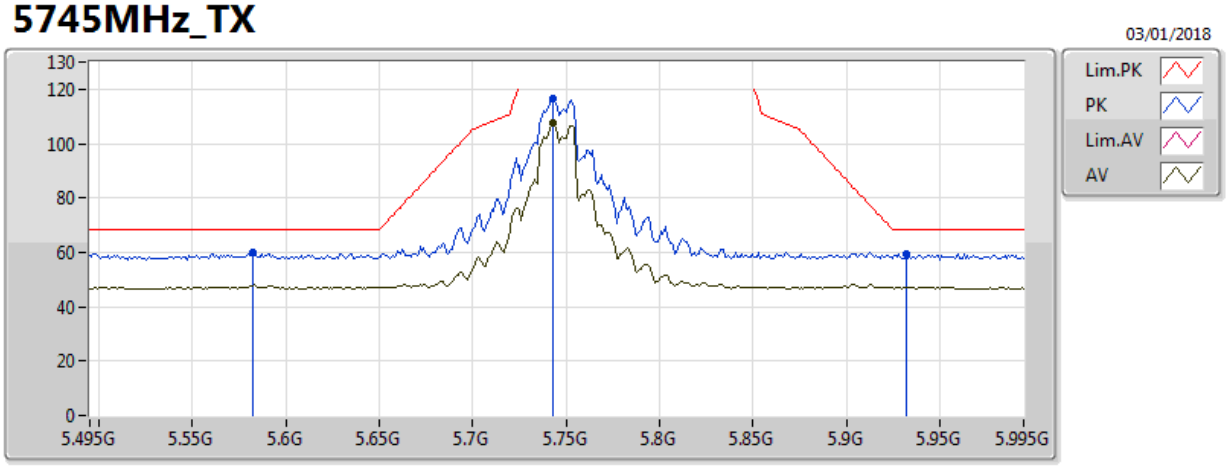


20170103
EUT Y_3TX
Setting 25
03-N-2
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.7194G	49.41	54.00	-4.59	15.28	3	Horizontal	65	1.79	-
PK	15.72G	62.92	74.00	-11.08	15.28	3	Horizontal	65	1.79	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5745MHz_TX

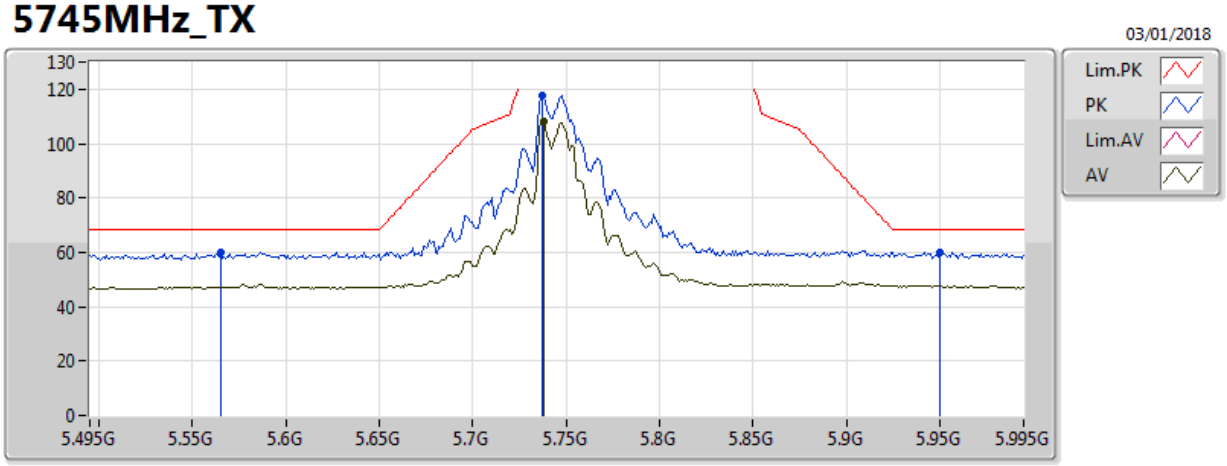


20170103
EUT Y_3TX
Setting 1f
03-N-2-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.743G	107.39	Inf	-Inf	6.55	3	Vertical	213	2.25	-
PK	5.582G	60.04	68.20	-8.16	6.21	3	Vertical	213	2.25	-
PK	5.743G	116.43	Inf	-Inf	6.55	3	Vertical	213	2.25	-
PK	5.932G	59.55	68.20	-8.65	6.60	3	Vertical	213	2.25	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5745MHz_TX

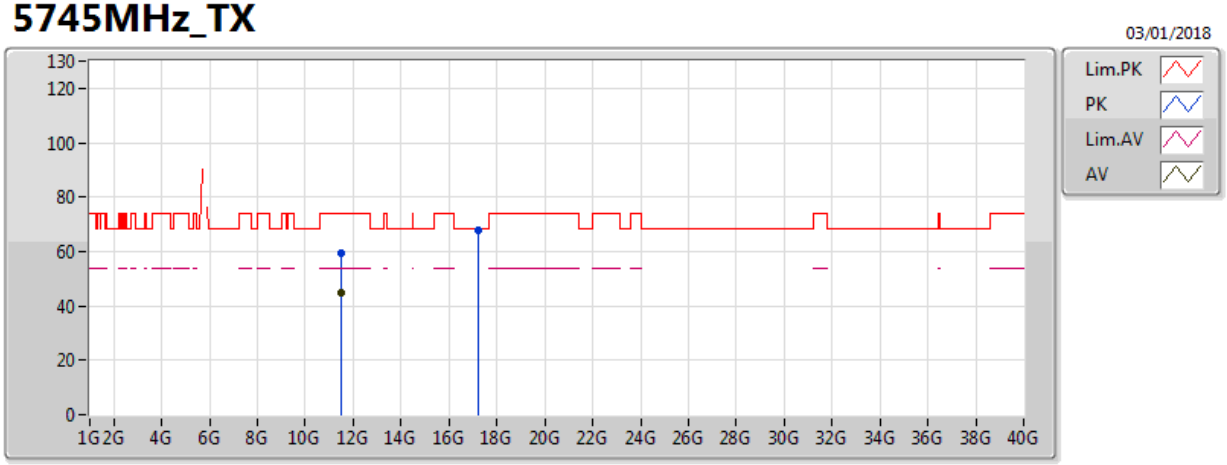


20170103
EUT Y_3TX
Setting 1f
03-N-2-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.738G	107.94	Inf	-Inf	6.54	3	Horizontal	117	1.38	-
PK	5.565G	60.00	68.20	-8.20	6.21	3	Horizontal	117	1.38	-
PK	5.737G	117.62	Inf	-Inf	6.54	3	Horizontal	117	1.38	-
PK	5.95G	59.93	68.20	-8.27	6.59	3	Horizontal	117	1.38	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5745MHz_TX

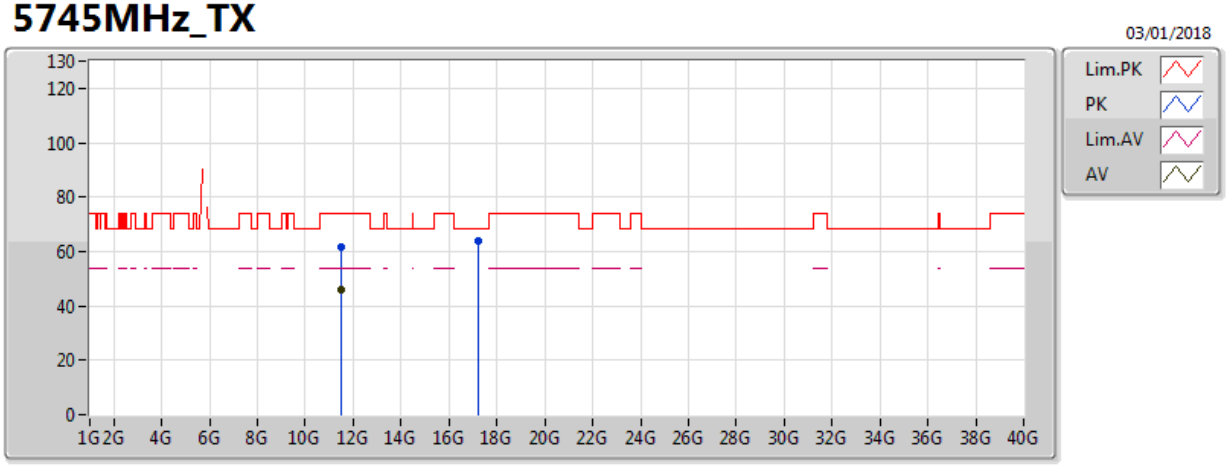


20170103
EUT Y_3TX
Setting 1f
03-N-2
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.4888G	44.83	54.00	-9.17	14.41	3	Vertical	105	1.11	-
PK	11.49124G	59.14	74.00	-14.86	14.41	3	Vertical	105	1.11	-
PK	17.2365G	67.96	68.20	-0.24	19.38	3	Vertical	53	1.78	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5745MHz_TX

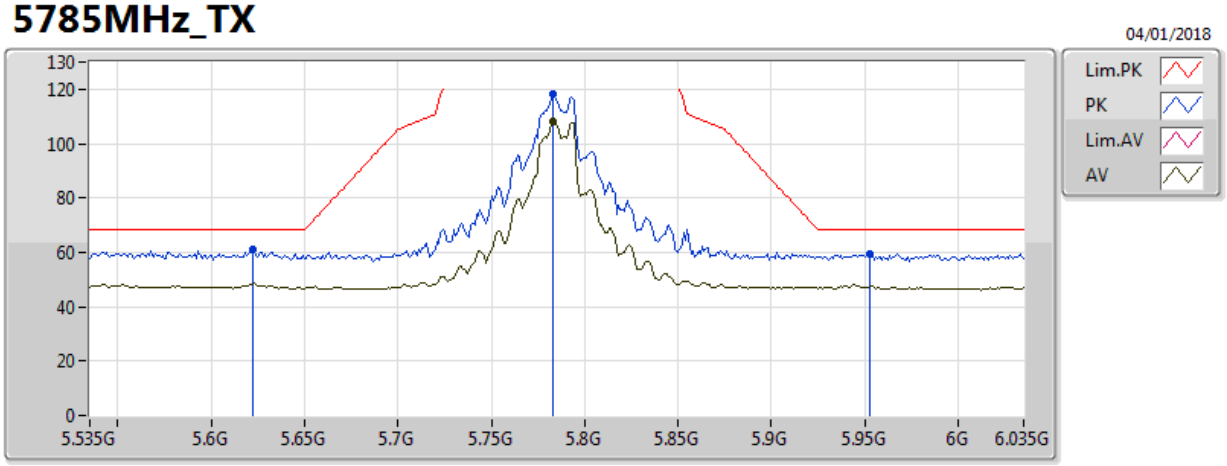


20170103
EUT Y_3TX
Setting 1f
03-N-2
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.49004G	45.96	54.00	-8.04	14.41	3	Horizontal	35	1.48	-
PK	11.48876G	61.45	74.00	-12.55	14.41	3	Horizontal	35	1.48	-
PK	17.23152G	64.05	68.20	-4.15	19.35	3	Horizontal	144	1.41	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5785MHz_TX

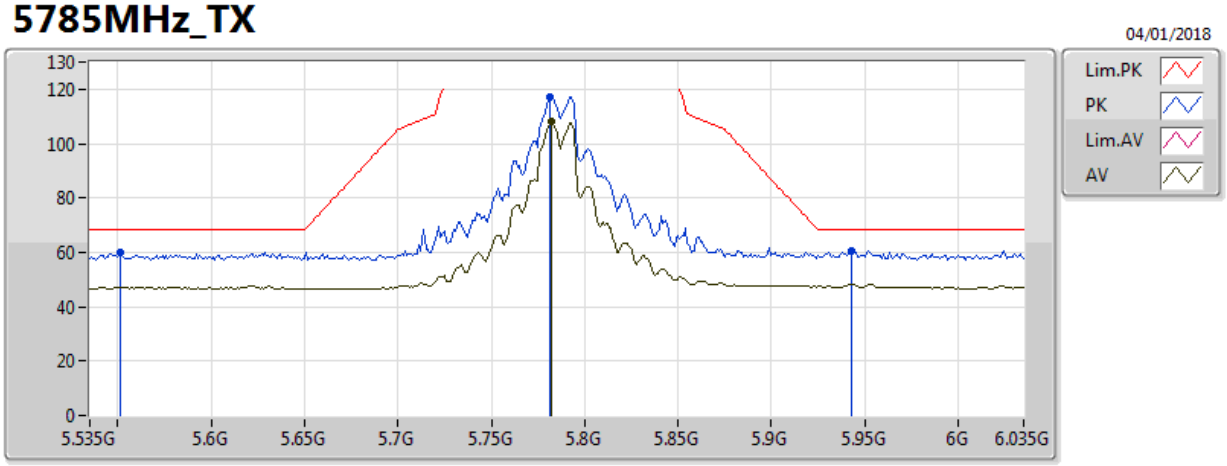


20170103
EUT Y_3TX
Setting 20
03-N-2-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.783G	108.35	Inf	-Inf	6.65	3	Vertical	206	2.07	-
PK	5.622G	60.85	68.20	-7.35	6.26	3	Vertical	206	2.07	-
PK	5.783G	118.05	Inf	-Inf	6.65	3	Vertical	206	2.07	-
PK	5.953G	59.47	68.20	-8.73	6.58	3	Vertical	206	2.07	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5785MHz_TX

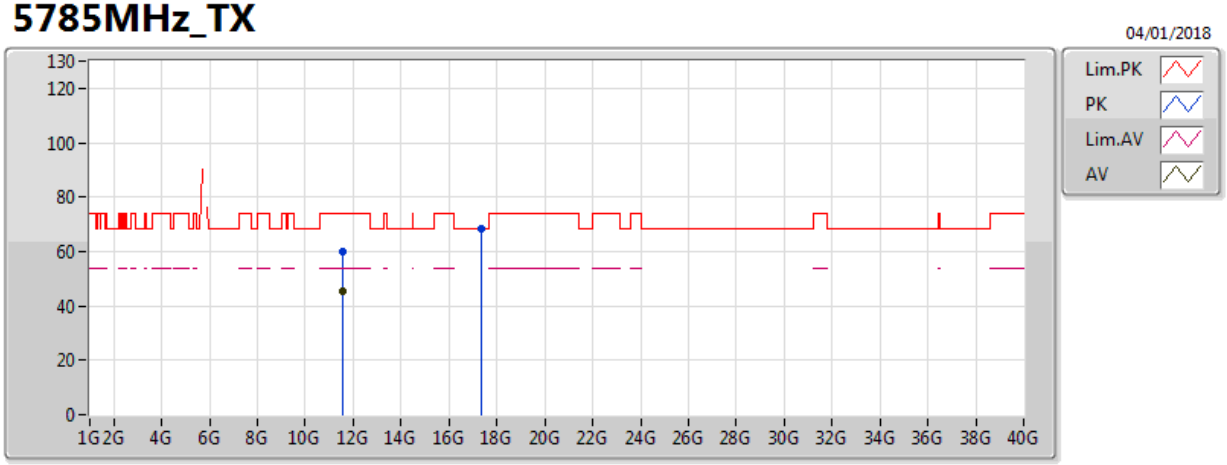


20170103
EUT Y_3TX
Setting 20
03-N-2-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.782G	108.07	Inf	-Inf	6.65	3	Horizontal	252	1.49	-
PK	5.551G	59.82	68.20	-8.38	6.22	3	Horizontal	252	1.49	-
PK	5.781G	117.39	Inf	-Inf	6.65	3	Horizontal	252	1.49	-
PK	5.943G	60.75	68.20	-7.45	6.59	3	Horizontal	252	1.49	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5785MHz_TX

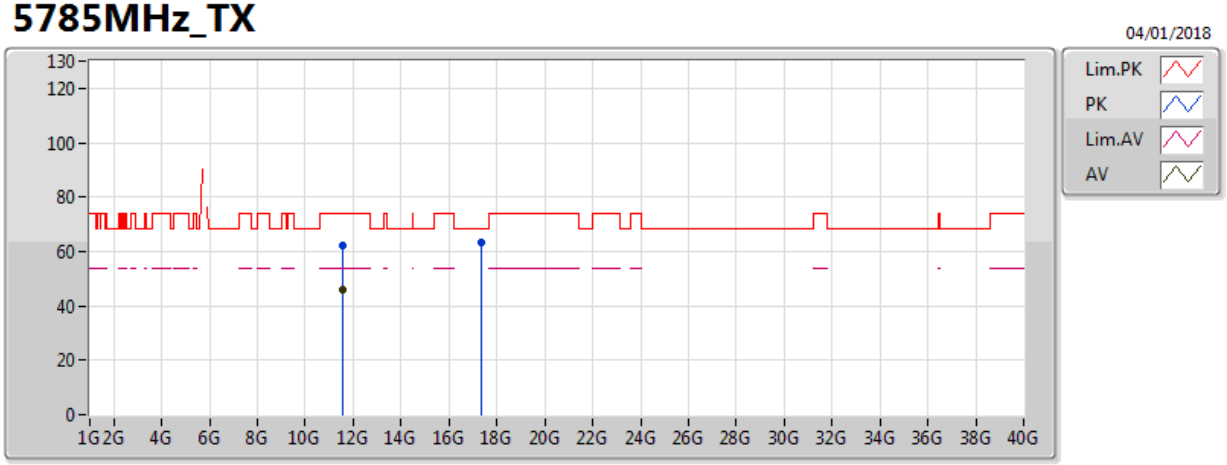


20170103
EUT Y_3TX
Setting 20
03-N-2
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.56956G	45.18	54.00	-8.82	14.50	3	Vertical	105	1.42	-
PK	11.5686G	59.93	74.00	-14.07	14.50	3	Vertical	105	1.42	-
PK	17.35496G	68.17	68.20	-0.03	20.04	3	Vertical	50	1.35	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5785MHz_TX

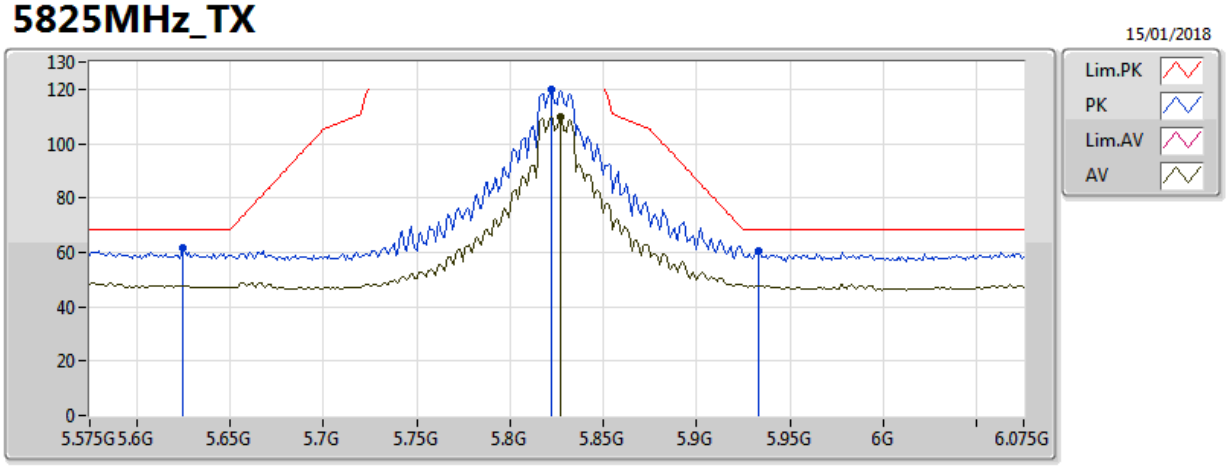


20170103
EUT Y_3TX
Setting 20
03-N-2
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.569G	45.94	54.00	-8.06	14.50	3	Horizontal	34	1.49	-
PK	11.56884G	62.06	74.00	-11.94	14.50	3	Horizontal	34	1.49	-
PK	17.36284G	63.18	68.20	-5.02	20.08	3	Horizontal	144	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5825MHz_TX

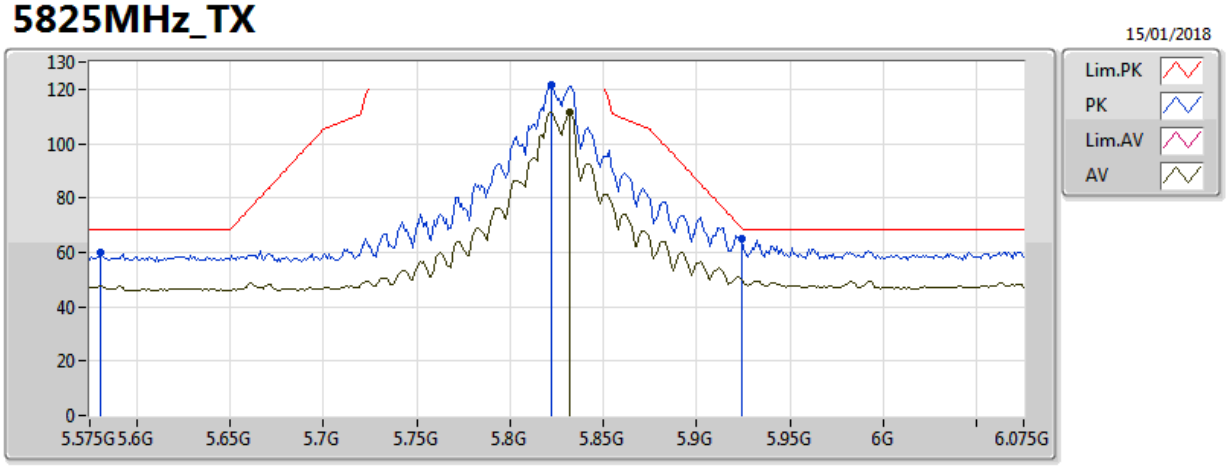


20180115
EUT Y_3TX
Setting 25
04-C-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.827G	110.03	Inf	-Inf	5.96	3	Vertical	155	1.65	-
PK	5.625G	61.51	68.20	-6.69	5.21	3	Vertical	155	1.65	-
PK	5.822G	119.74	Inf	-Inf	5.94	3	Vertical	155	1.65	-
PK	5.933G	60.76	68.20	-7.44	6.35	3	Vertical	155	1.65	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5825MHz_TX

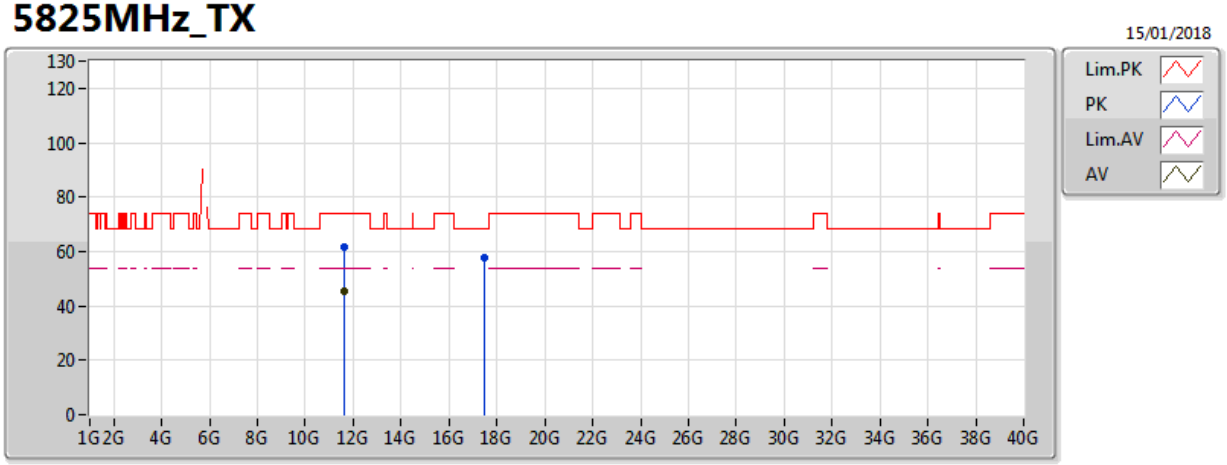


20180115
EUT Y_3TX
Setting 25
04-C-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.832G	111.41	Inf	-Inf	5.98	3	Horizontal	298	1.59	-
PK	5.581G	59.78	68.20	-8.42	5.06	3	Horizontal	298	1.59	-
PK	5.822G	121.50	Inf	-Inf	5.94	3	Horizontal	298	1.59	-
PK	5.924G	65.27	68.94	-3.67	6.32	3	Horizontal	298	1.59	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5825MHz_TX

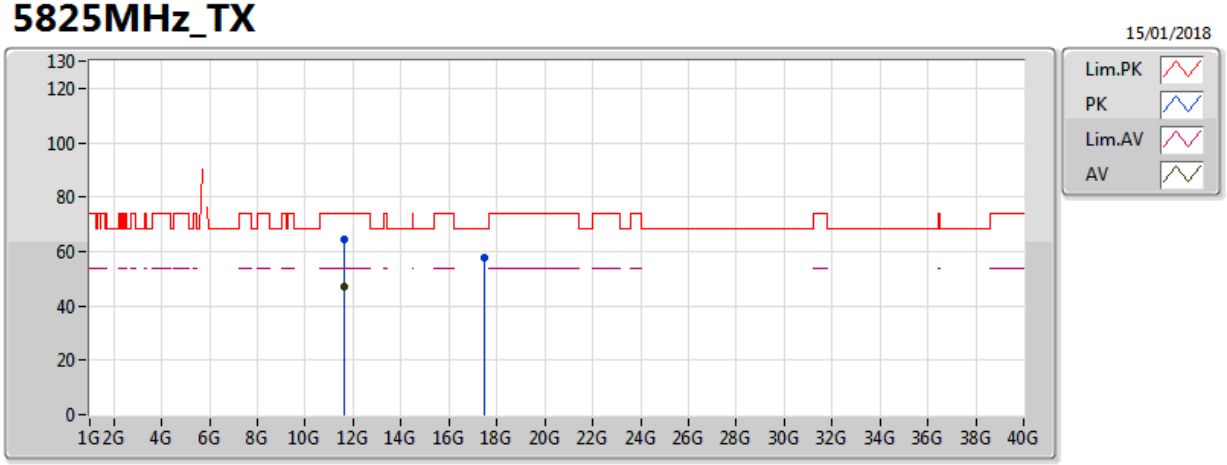


20180115
EUT Y_3TX
Setting 25
04-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.64892G	45.42	54.00	-8.58	13.35	3	Vertical	107	1.30	-
PK	11.64888G	61.61	74.00	-12.39	13.35	3	Vertical	107	1.30	-
PK	17.47512G	57.99	68.20	-10.21	17.76	3	Vertical	54	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5825MHz_TX

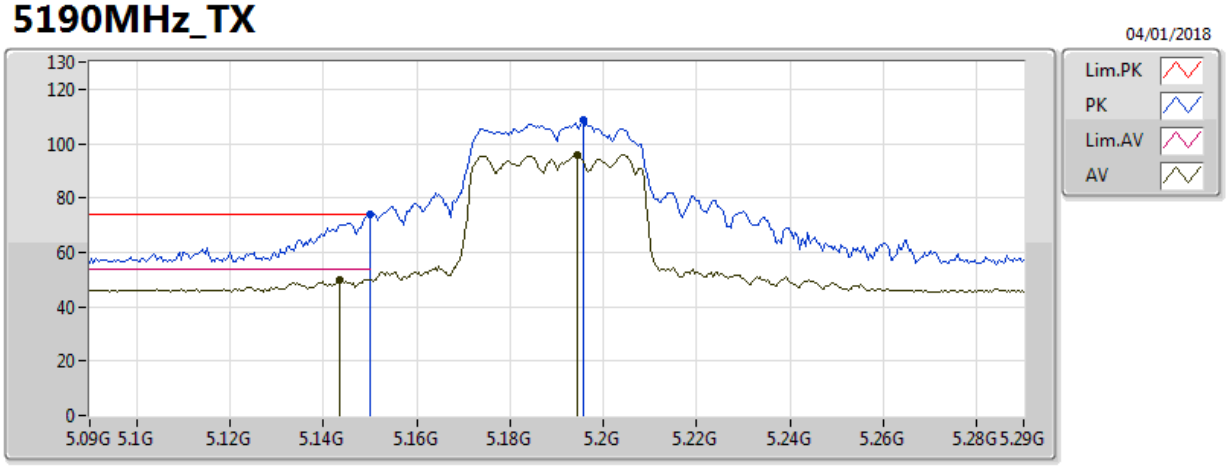


20180115
EUT Y_3TX
Setting 25
04-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.65118G	47.12	54.00	-6.88	13.35	3	Horizontal	142	1.48	-
PK	11.65122G	64.55	74.00	-9.45	13.35	3	Horizontal	142	1.48	-
PK	17.47472G	57.71	68.20	-10.49	17.76	3	Horizontal	155	2.71	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5190MHz_TX

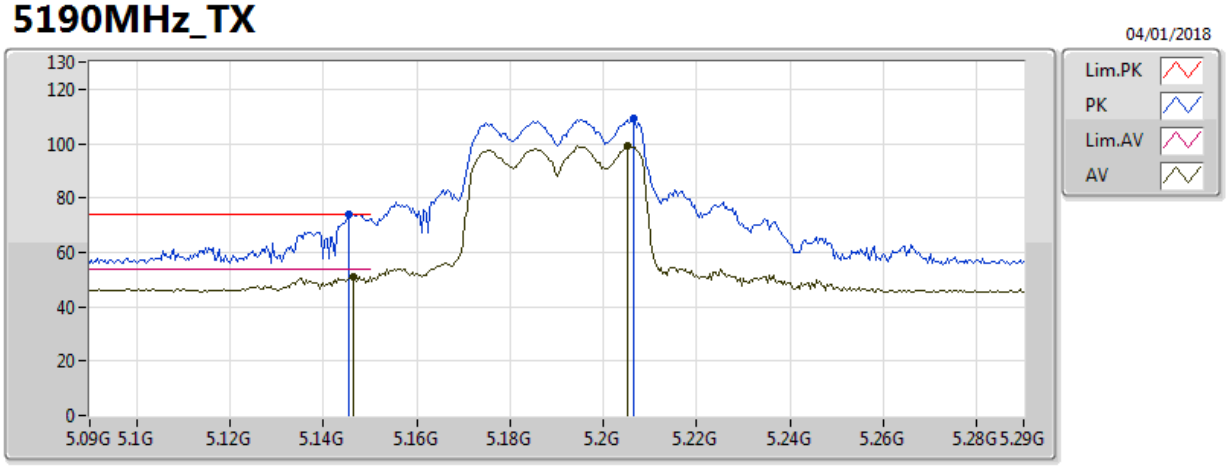


20170103
EUT Y_3TX
Setting 14
03-N-2-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1436G	50.02	54.00	-3.98	5.67	3	Vertical	147	1.67	-
AV	5.1944G	95.97	Inf	-Inf	5.86	3	Vertical	147	1.67	-
PK	5.149995G	73.74	74.00	-0.26	5.69	3	Vertical	147	1.67	-
PK	5.1956G	108.51	Inf	-Inf	5.86	3	Vertical	147	1.67	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5190MHz_TX

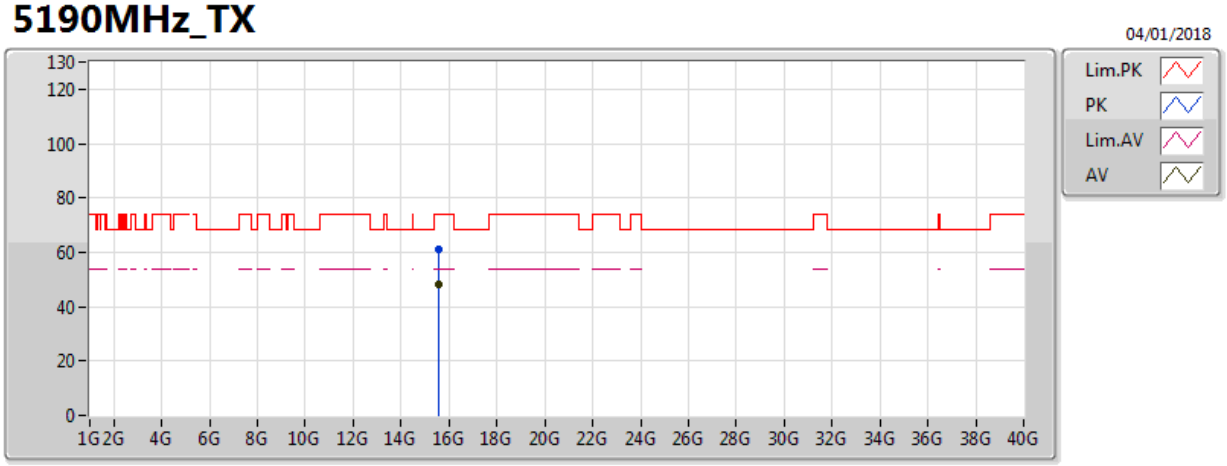


20170103
EUT Y_3TX
Setting 14
03-N-2-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1464G	51.25	54.00	-2.75	5.68	3	Horizontal	266	1.64	-
AV	5.2052G	99.06	Inf	-Inf	5.89	3	Horizontal	266	1.64	-
PK	5.1456G	73.99	74.00	-0.01	5.67	3	Horizontal	266	1.64	-
PK	5.2064G	108.99	Inf	-Inf	5.89	3	Horizontal	266	1.64	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5190MHz_TX

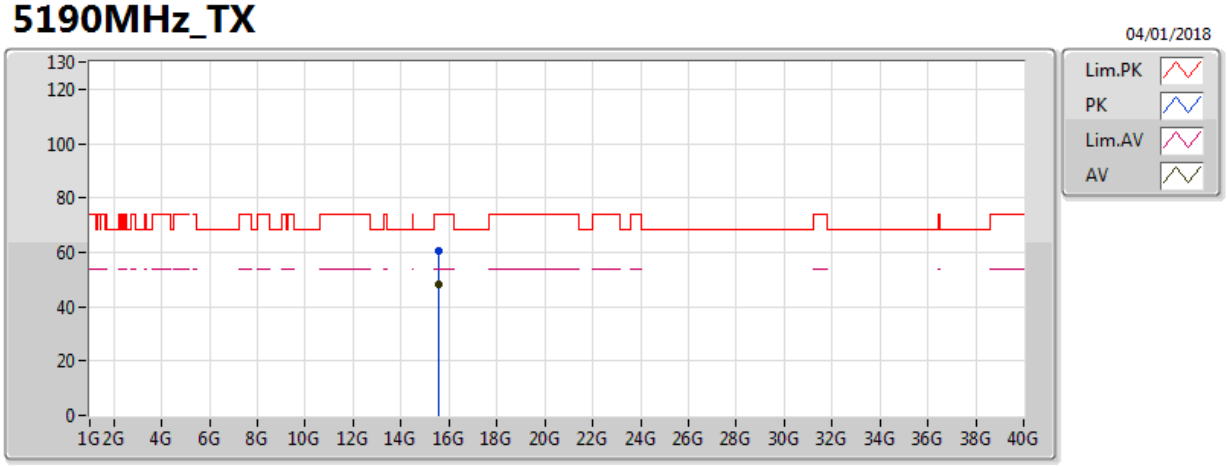


20170103
EUT Y_3TX
Setting 14
03-N-2
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.57044G	48.13	54.00	-5.87	15.81	3	Vertical	226	1.06	-
PK	15.5712G	60.98	74.00	-13.02	15.81	3	Vertical	226	1.06	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5190MHz_TX

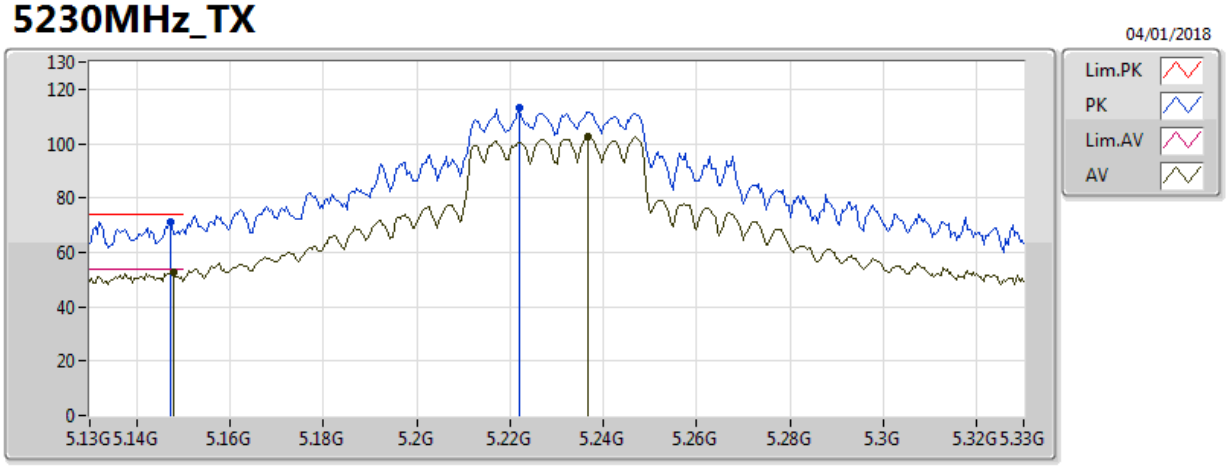


20170103
EUT Y_3TX
Setting 14
03-N-2
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.56432G	47.94	54.00	-6.06	15.83	3	Horizontal	300	1.90	-
PK	15.56388G	60.73	74.00	-13.27	15.83	3	Horizontal	300	1.90	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5230MHz_TX

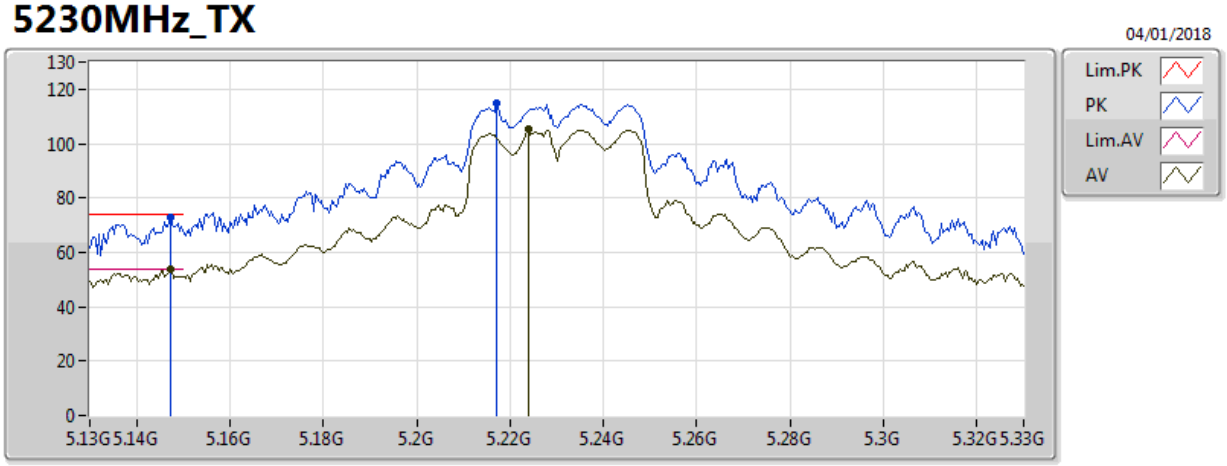


20170103
EUT Y_3TX
Setting 1d
03-N-2-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.148G	52.78	54.00	-1.22	5.68	3	Vertical	182	2.31	-
AV	5.2368G	102.43	Inf	-Inf	5.93	3	Vertical	182	2.31	-
PK	5.1472G	70.98	74.00	-3.02	5.68	3	Vertical	182	2.31	-
PK	5.222G	113.38	Inf	-Inf	5.91	3	Vertical	182	2.31	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5230MHz_TX

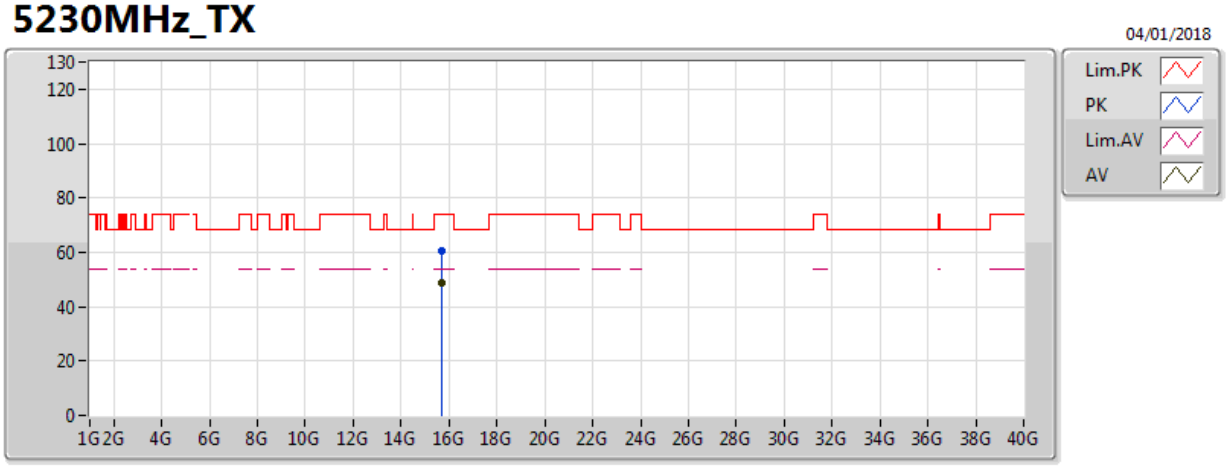


20170103
EUT Y_3TX
Setting 1d
03-N-2-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1472G	53.93	54.00	-0.07	5.68	3	Horizontal	270	2.29	-
AV	5.224G	105.24	Inf	-Inf	5.91	3	Horizontal	270	2.29	-
PK	5.1472G	72.95	74.00	-1.05	5.68	3	Horizontal	270	2.29	-
PK	5.2172G	114.81	Inf	-Inf	5.90	3	Horizontal	270	2.29	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5230MHz_TX

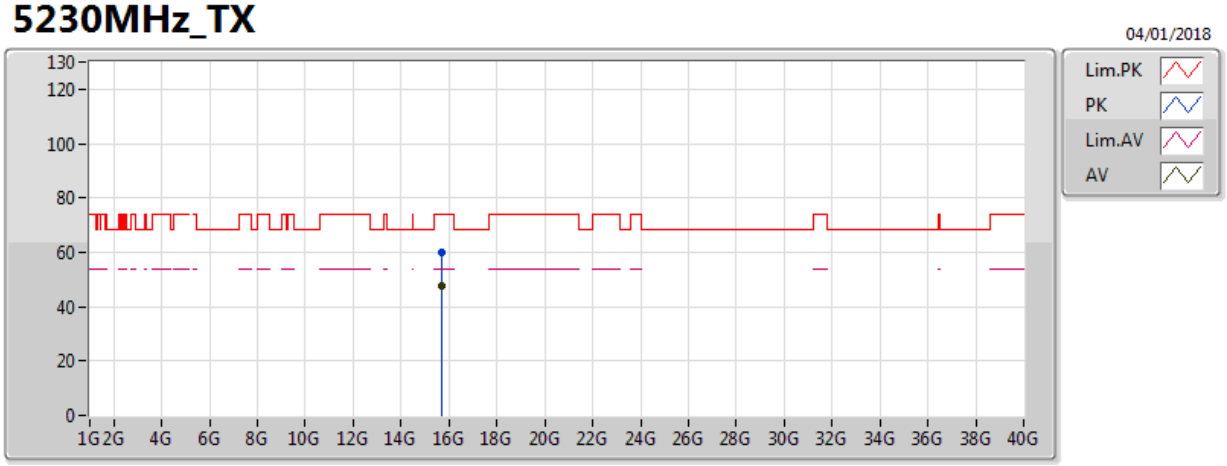


20170103
EUT Y_3TX
Setting 1d
03-N-2
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.6785G	48.49	54.00	-5.51	15.43	3	Vertical	146	1.88	-
PK	15.6941G	60.68	74.00	-13.32	15.37	3	Vertical	146	1.88	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5230MHz_TX

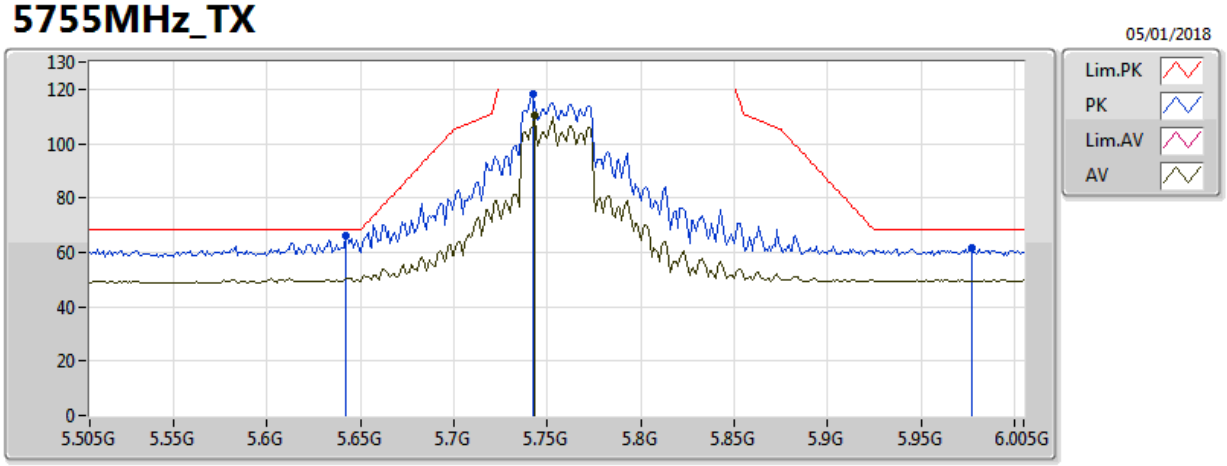


20170103
EUT Y_3TX
Setting 1d
03-N-2
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.6684G	47.84	54.00	-6.16	15.46	3	Horizontal	130	1.37	-
PK	15.6792G	59.88	74.00	-14.12	15.42	3	Horizontal	130	1.37	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5755MHz_TX

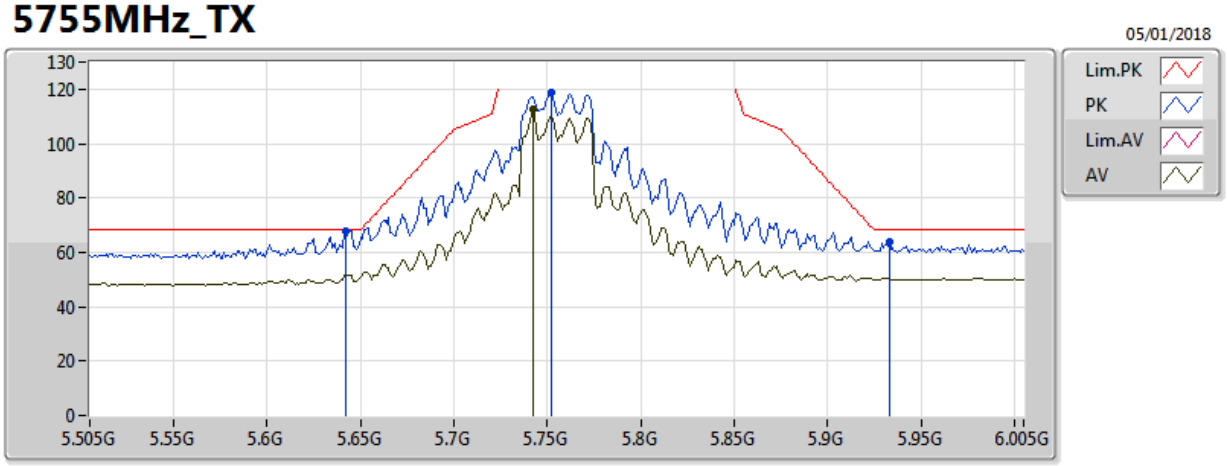


20180104
EUT Y_3TX
Setting 1e
04-N-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
AV	5.743G	110.14	Inf	-Inf	5.65	3	Vertical	170	2.54	-
PK	5.642G	66.19	68.20	-2.01	5.28	3	Vertical	170	2.54	-
PK	5.742G	118.49	Inf	-Inf	5.65	3	Vertical	170	2.54	-
PK	5.977G	61.64	68.20	-6.56	6.51	3	Vertical	170	2.54	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5755MHz_TX

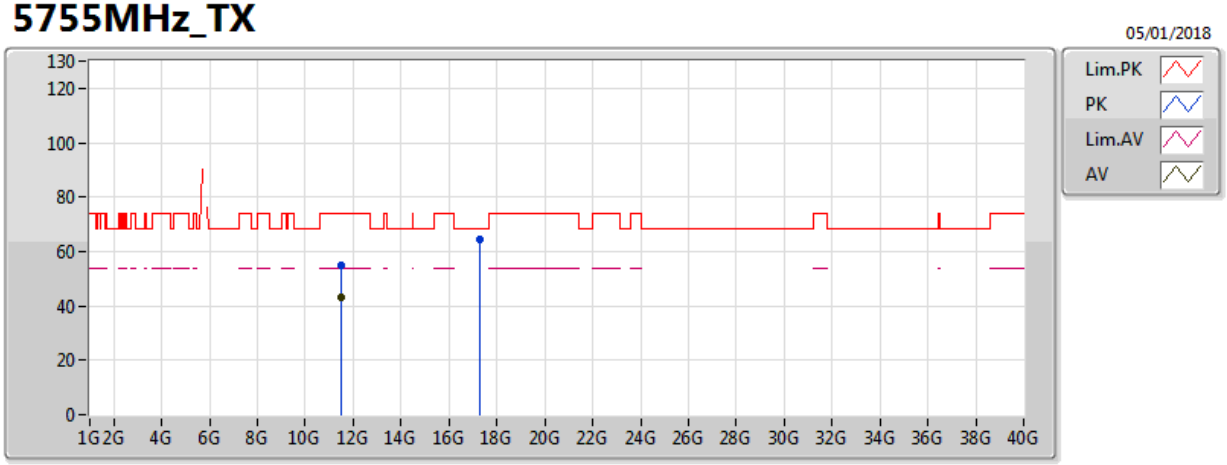


20180104
EUT Y_3TX
Setting 1e
04-N-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
AV	5.742G	112.41	Inf	-Inf	5.65	3	Horizontal	325	2.45	-
PK	5.642G	67.92	68.20	-0.28	5.28	3	Horizontal	325	2.45	-
PK	5.752G	118.81	Inf	-Inf	5.68	3	Horizontal	325	2.45	-
PK	5.933G	63.65	68.20	-4.55	6.35	3	Horizontal	325	2.45	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5755MHz_TX

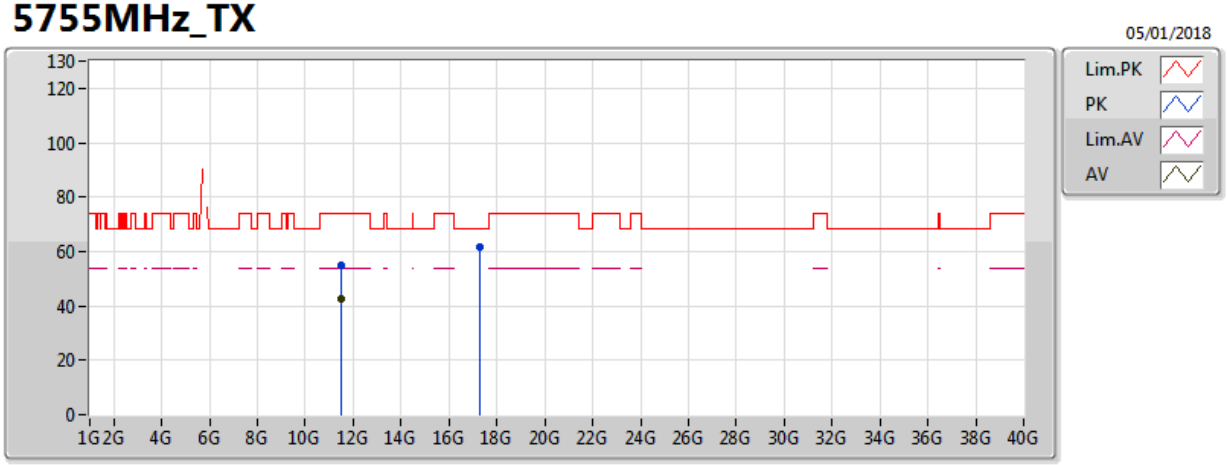


20180104
EUT Y_3TX
Setting 1e
04-N-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
AV	11.49992G	42.95	54.00	-11.05	13.32	3	Vertical	21	1.72	-
PK	11.50016G	54.69	74.00	-19.31	13.32	3	Vertical	21	1.72	-
PK	17.2677G	64.65	68.20	-3.55	17.52	3	Vertical	49	1.83	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5755MHz_TX

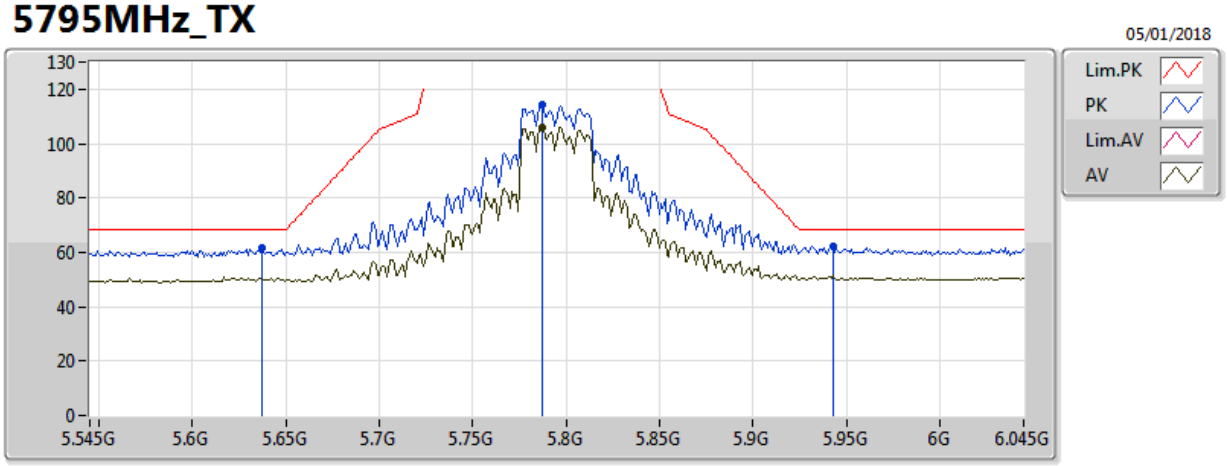


20180104
EUT Y_3TX
Setting 1e
04-N-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
AV	11.50202G	42.86	54.00	-11.14	13.32	3	Horizontal	99	2.07	-
PK	11.49818G	54.95	74.00	-19.05	13.32	3	Horizontal	99	2.07	-
PK	17.27262G	61.90	68.20	-6.30	17.53	3	Horizontal	126	1.49	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5795MHz_TX

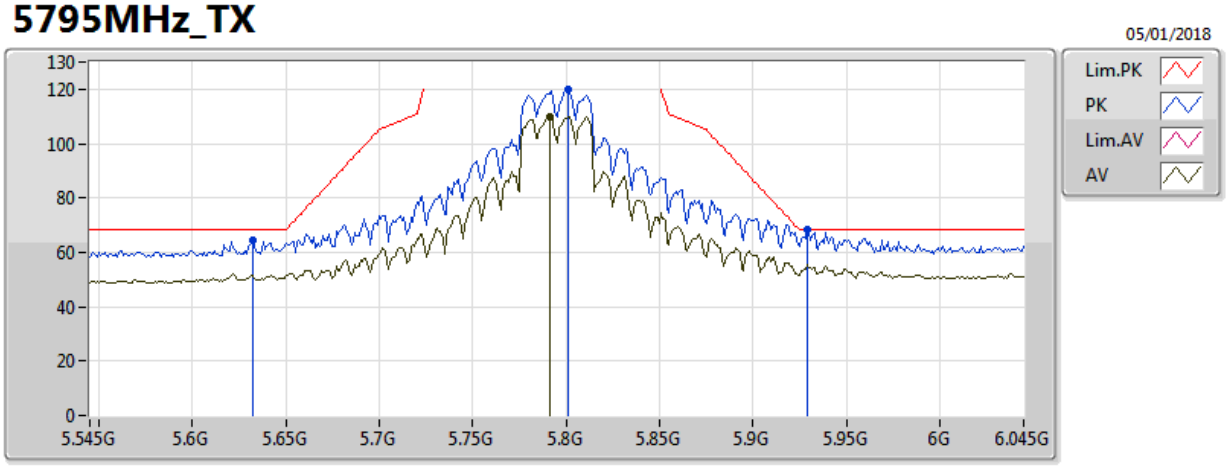


20180104
EUT Y_3TX
Setting 1f
04-N-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
AV	5.787G	105.98	Inf	-Inf	5.81	3	Vertical	151	1.48	-
PK	5.637G	61.50	68.20	-6.70	5.26	3	Vertical	151	1.48	-
PK	5.787G	114.47	Inf	-Inf	5.81	3	Vertical	151	1.48	-
PK	5.943G	62.18	68.20	-6.02	6.38	3	Vertical	151	1.48	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5795MHz_TX

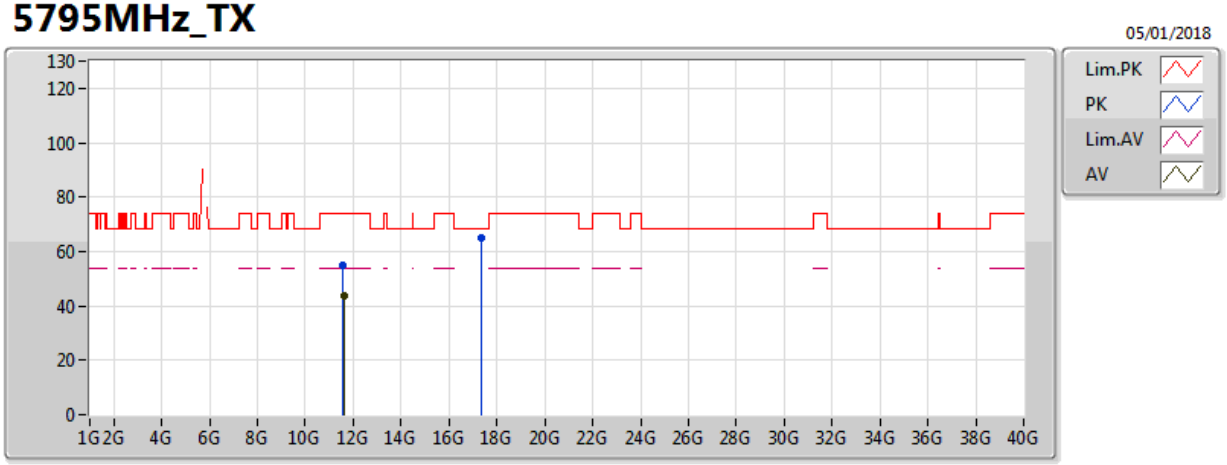


20180104
EUT Y_3TX
Setting 1f
04-N-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
AV	5.791G	110.06	Inf	-Inf	5.83	3	Horizontal	325	1.71	-
PK	5.632G	64.31	68.20	-3.89	5.24	3	Horizontal	325	1.71	-
PK	5.801G	119.74	Inf	-Inf	5.86	3	Horizontal	325	1.71	-
PK	5.929G	68.18	68.20	-0.02	6.33	3	Horizontal	325	1.71	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5795MHz_TX

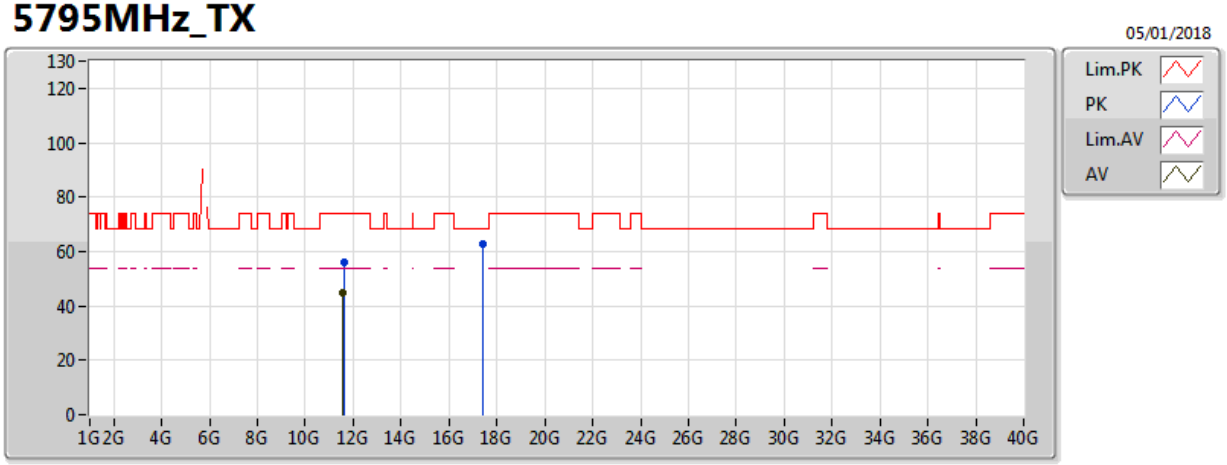


20180104
EUT Y_3TX
Setting 1f
04-N-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
AV	11.6032G	43.83	54.00	-10.17	13.34	3	Vertical	89	2.08	-
PK	11.57848G	54.90	74.00	-19.10	13.33	3	Vertical	89	2.08	-
PK	17.37516G	65.23	68.20	-2.97	17.65	3	Vertical	49	1.51	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5795MHz_TX

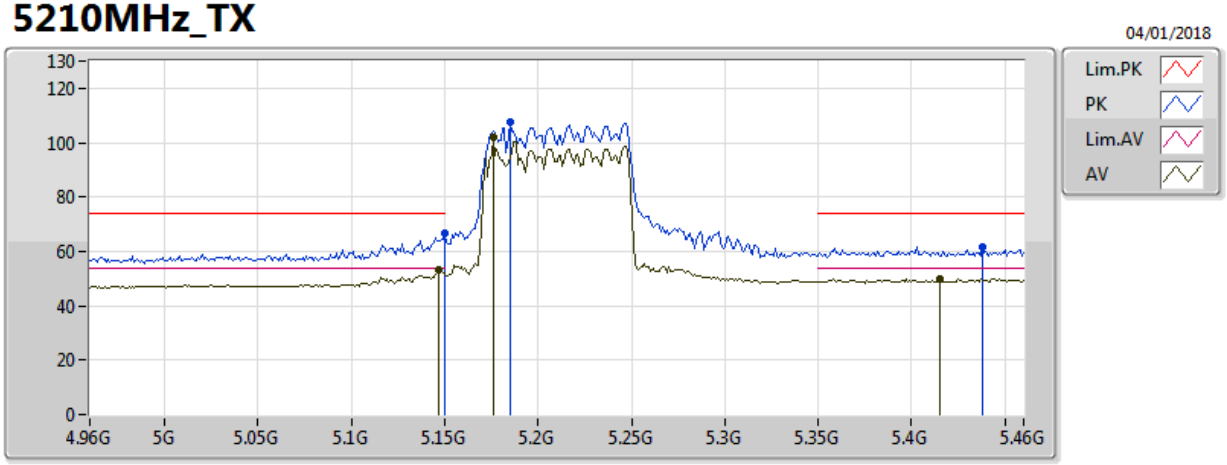


20180104
EUT Y_3TX
Setting 1f
04-N-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
AV	11.57614G	45.03	54.00	-8.97	13.33	3	Horizontal	140	1.50	-
PK	11.59966G	56.26	74.00	-17.74	13.34	3	Horizontal	140	1.50	-
PK	17.39262G	62.80	68.20	-5.40	17.67	3	Horizontal	124	1.44	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5210MHz_TX

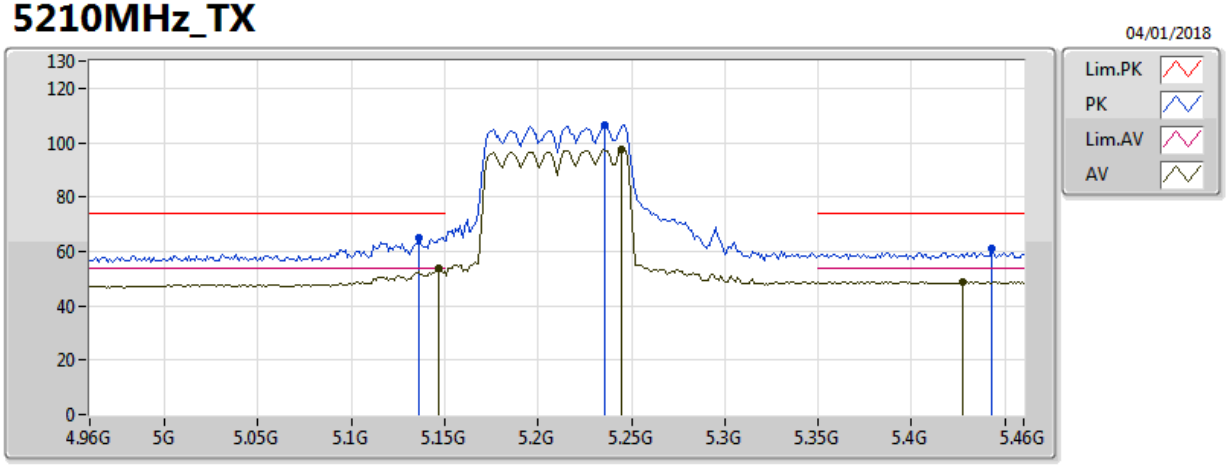


20180104
EUT Y_3TX
Setting 11
04-N-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
AV	5.147G	53.20	54.00	-0.80	4.05	3	Vertical	183	2.91	-
AV	5.176G	101.93	Inf	-Inf	4.14	3	Vertical	183	2.91	-
AV	5.415G	49.93	54.00	-4.07	4.69	3	Vertical	183	2.91	-
PK	5.149995G	66.75	74.00	-7.25	4.06	3	Vertical	183	2.91	-
PK	5.185G	107.67	Inf	-Inf	4.16	3	Vertical	183	2.91	-
PK	5.438G	61.78	74.00	-12.22	4.73	3	Vertical	183	2.91	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5210MHz_TX

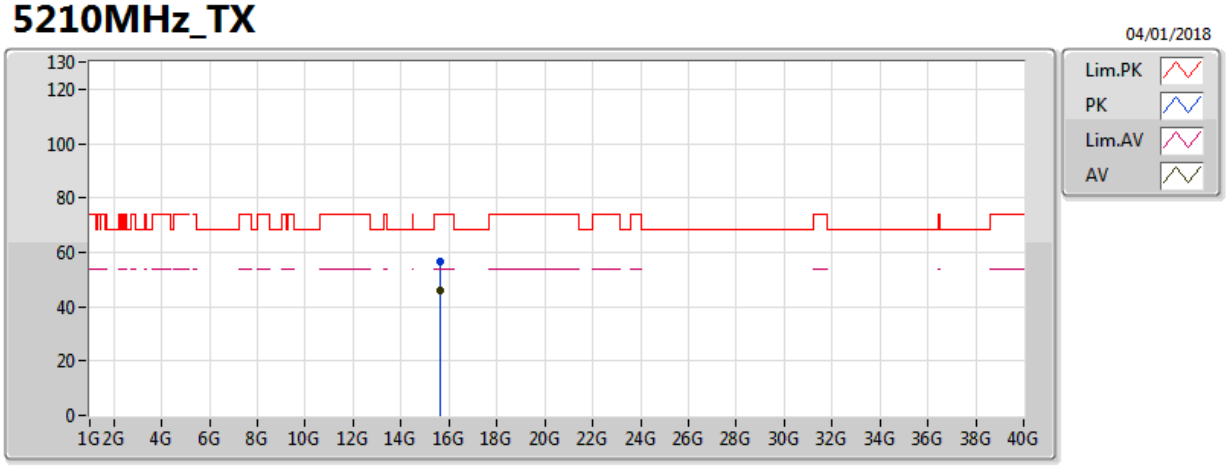


20180104
EUT Y_3TX
Setting 11
04-N-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
AV	5.147G	53.79	54.00	-0.21	4.05	3	Horizontal	261	2.44	-
AV	5.245G	97.67	Inf	-Inf	4.32	3	Horizontal	261	2.44	-
AV	5.427G	48.94	54.00	-5.06	4.71	3	Horizontal	261	2.44	-
PK	5.136G	64.98	74.00	-9.02	4.02	3	Horizontal	261	2.44	-
PK	5.236G	106.60	Inf	-Inf	4.30	3	Horizontal	261	2.44	-
PK	5.443G	60.87	74.00	-13.13	4.74	3	Horizontal	261	2.44	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5210MHz_TX

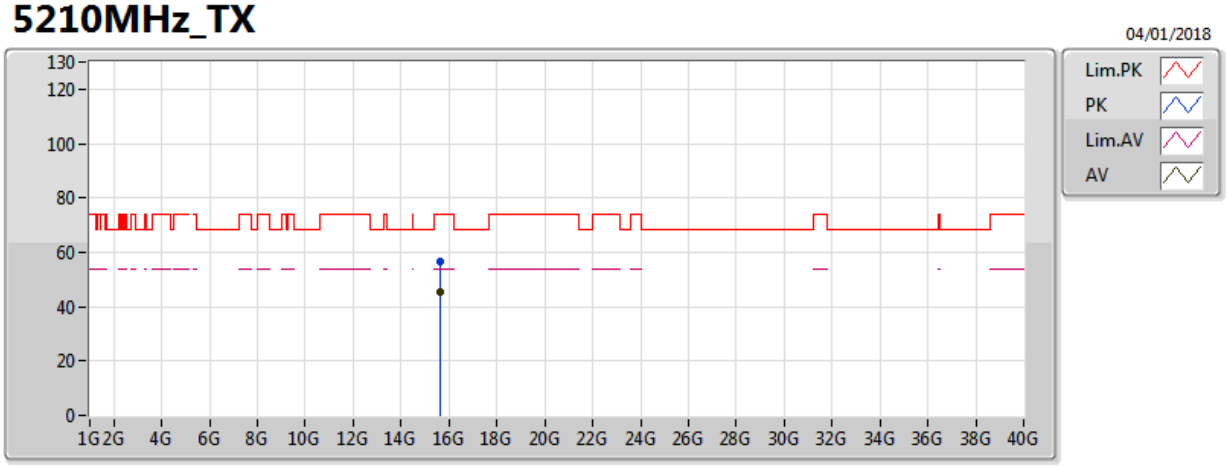


20180104
EUT Y_3TX
Setting 11
04-N-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
AV	15.62256G	45.73	54.00	-8.27	15.13	3	Vertical	82	2.34	-
PK	15.62164G	56.70	74.00	-17.30	15.13	3	Vertical	82	2.34	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5210MHz_TX

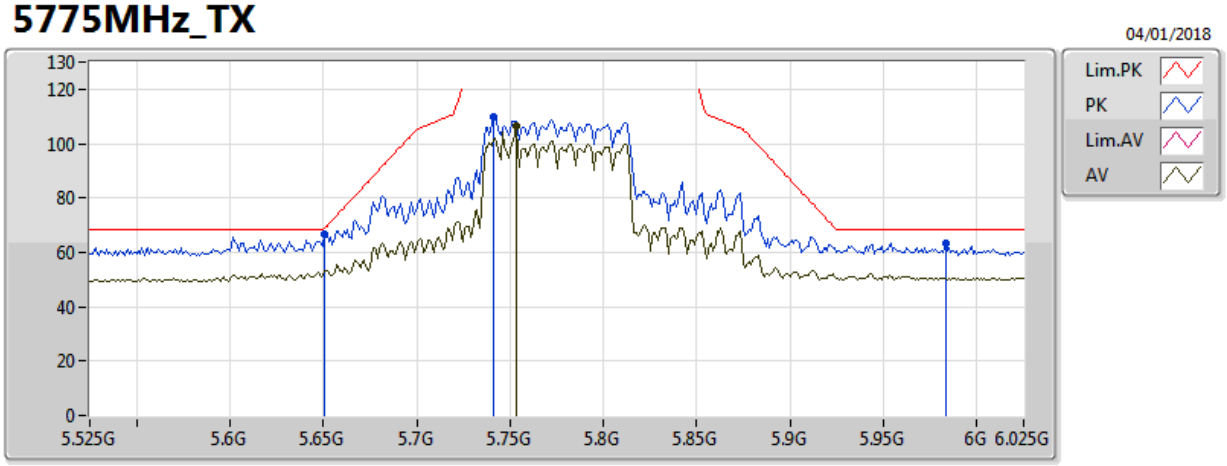


20180104
EUT Y_3TX
Setting 11
04-N-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
AV	15.621G	45.61	54.00	-8.39	15.14	3	Horizontal	7	2.38	-
PK	15.62136G	56.86	74.00	-17.14	15.14	3	Horizontal	7	2.38	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5775MHz_TX

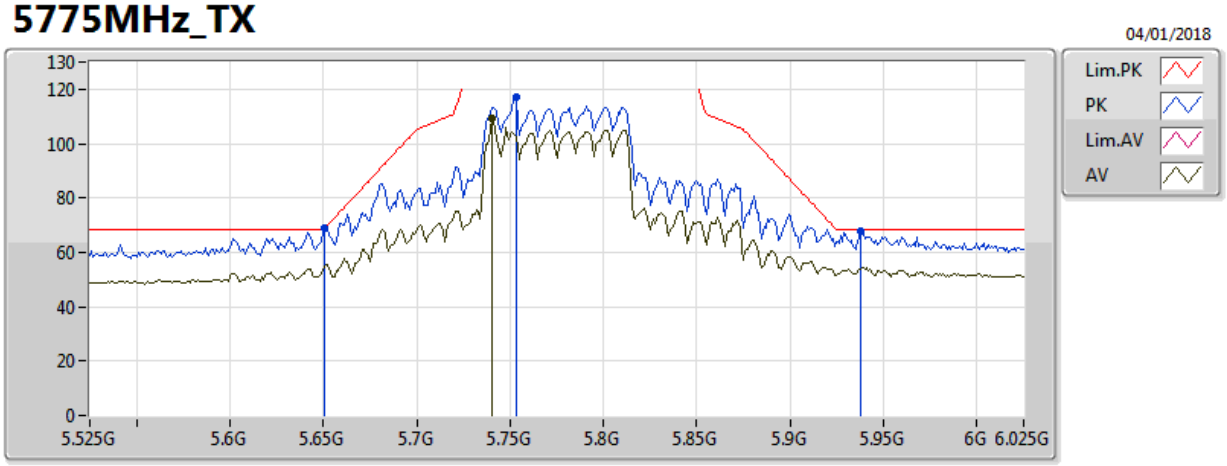


20180104
EUT Y_3TX
Setting 18
04-N-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
AV	5.753G	106.49	Inf	-Inf	5.69	3	Vertical	163	2.90	-
PK	5.651G	66.74	68.94	-2.20	5.31	3	Vertical	163	2.90	-
PK	5.741G	110.00	Inf	-Inf	5.64	3	Vertical	163	2.90	-
PK	5.983G	63.51	68.20	-4.69	6.53	3	Vertical	163	2.90	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5775MHz_TX

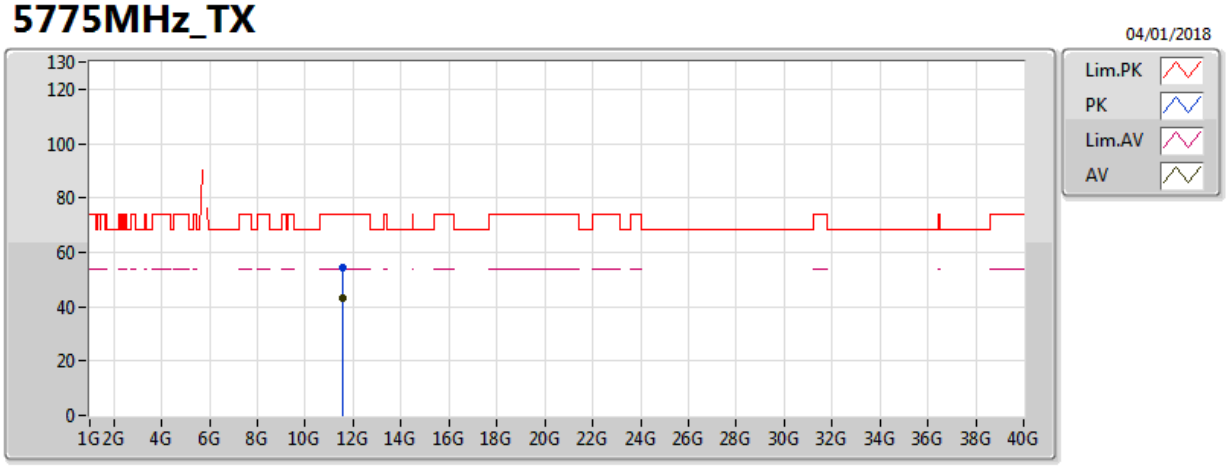


20180104
EUT Y_3TX
Setting 18
04-N-2-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
AV	5.74G	109.39	Inf	-Inf	5.64	3	Horizontal	327	1.50	-
PK	5.651G	68.91	68.94	-0.03	5.31	3	Horizontal	327	1.50	-
PK	5.753G	117.09	Inf	-Inf	5.69	3	Horizontal	327	1.50	-
PK	5.938G	67.66	68.20	-0.54	6.37	3	Horizontal	327	1.50	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5775MHz_TX

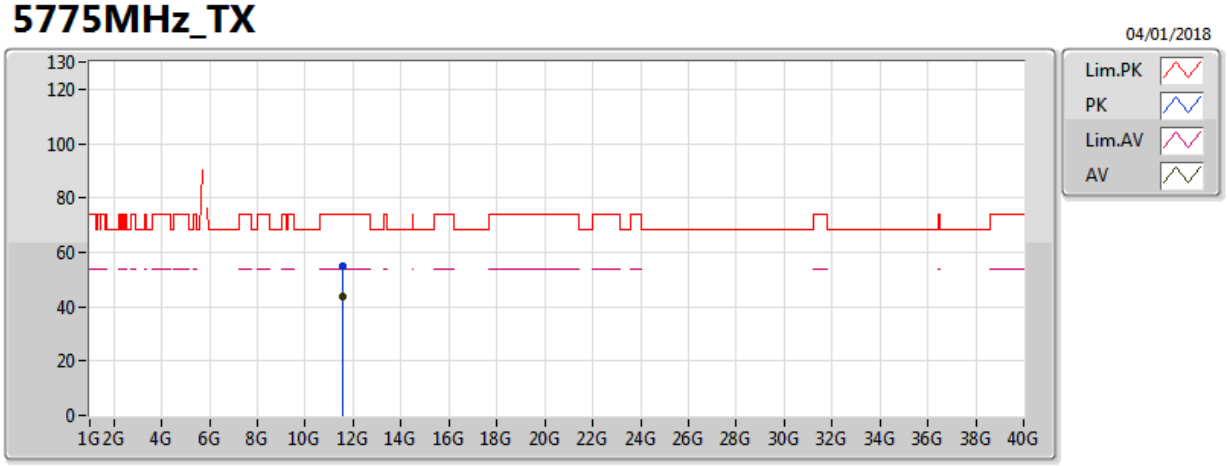


20180104
EUT Y_3TX
Setting 18
04-N-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
AV	11.5542G	43.23	54.00	-10.77	13.33	3	Vertical	156	1.08	-
PK	11.5558G	54.09	74.00	-19.91	13.33	3	Vertical	156	1.08	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5775MHz_TX



20180104
EUT Y_3TX
Setting 18
04-N-2
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
AV	11.55996G	43.59	54.00	-10.41	13.33	3	Horizontal	135	1.50	-
PK	11.55276G	55.05	74.00	-18.95	13.33	3	Horizontal	135	1.50	-

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	5199.9644	5199.9641	5199.9635	5199.9625
110.00	5199.9641	5199.9632	5199.9622	5199.9618
93.50	5199.9633	5199.9624	5199.9617	5199.9608
Max. Deviation (MHz)	0.0367	0.0376	0.0383	0.0392
Max. Deviation (ppm)	7.06	7.23	7.37	7.54
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5199.9605	5199.9595	5199.9586	5199.9578
10	5199.9622	5199.9618	5199.9616	5199.9608
20	5199.9641	5199.9632	5199.9628	5199.9624
30	5199.9972	5199.9971	5199.9970	5199.9964
40	5199.9979	5199.9975	5199.9968	5199.9965
Max. Deviation (MHz)	0.0406	0.0415	0.0424	0.0430
Max. Deviation (ppm)	7.81	7.98	8.15	8.27
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	5784.9649	5784.9641	5784.9638
110.00	5784.9641	5784.9640	5784.9634	5784.9625
93.50	5784.9637	5784.9636	5784.9627	5784.9621
Max. Deviation (MHz)	0.0363	0.0364	0.0373	0.0379
Max. Deviation (ppm)	6.27	6.29	6.45	6.55
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5784.9624	5784.9616	5784.9613	5784.9606
10	5784.9638	5784.9633	5784.9623	5784.9621
20	5784.9641	5784.9640	5784.9633	5784.9626
30	5784.9972	5784.9966	5784.9961	5784.9957
40	5784.9974	5784.9970	5784.9966	5784.9963
Max. Deviation (MHz)	0.0410	0.0417	0.0427	0.0432
Max. Deviation (ppm)	7.09	7.21	7.38	7.47
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	5189.9648	5189.9643	5189.9641	5189.9640
110.00	5189.9641	5189.9635	5189.9631	5189.9623
93.50	5189.9631	5189.9630	5189.9624	5189.9618
Max. Deviation (MHz)	0.0369	0.0370	0.0376	0.0382
Max. Deviation (ppm)	7.11	7.13	7.24	7.36
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5189.9617	5189.9607	5189.9603	5189.9597
10	5189.9627	5189.9617	5189.9616	5189.9615
20	5189.9641	5189.9631	5189.9629	5189.9627
30	5189.9972	5189.9965	5189.9961	5189.9952
40	5189.9986	5189.9981	5189.9975	5189.9969
Max. Deviation (MHz)	0.0400	0.0408	0.0418	0.0424
Max. Deviation (ppm)	7.71	7.86	8.05	8.17
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5754.9648	5754.9644	5754.9637	5754.9630
110.00	5754.9641	5754.9635	5754.9631	5754.9623
93.50	5754.9637	5754.9631	5754.9624	5754.9620
Max. Deviation (MHz)	0.0363	0.0369	0.0376	0.0380
Max. Deviation (ppm)	6.31	6.41	6.53	6.60
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5754.9621	5754.9616	5754.9614	5754.9606
10	5754.9639	5754.9630	5754.9620	5754.9610
20	5754.9641	5754.9640	5754.9635	5754.9632
30	5754.9972	5754.9965	5754.9956	5754.9955
40	5754.9990	5754.9988	5754.9978	5754.9973
Max. Deviation (MHz)	0.0405	0.0413	0.0419	0.0426
Max. Deviation (ppm)	7.04	7.18	7.28	7.40
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	5209.9626	5209.9619
110.00	5209.9641	5209.9636	5209.9626	5209.9618
93.50	5209.9634	5209.9630	5209.9629	5209.9625
Max. Deviation (MHz)	0.0366	0.0370	0.0374	0.0382
Max. Deviation (ppm)	7.02	7.10	7.18	7.33
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5210 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5209.9625	5209.9623	5209.9616	5209.9606
10	5209.9627	5209.9622	5209.9613	5209.9608
20	5209.9641	5209.9638	5209.9636	5209.9628
30	5209.9972	5209.9971	5209.9961	5209.9959
40	5209.9985	5209.9978	5209.9969	5209.9966
Max. Deviation (MHz)	0.0390	0.0396	0.0403	0.0410
Max. Deviation (ppm)	7.49	7.60	7.74	7.87
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5774.9643	5774.9641	5774.9633	5774.9626
110.00	5774.9641	5774.9640	5774.9637	5774.9631
93.50	5774.9634	5774.9626	5774.9621	5774.9617
Max. Deviation (MHz)	0.0366	0.0374	0.0379	0.0383
Max. Deviation (ppm)	6.34	6.48	6.56	6.63
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5774.9627	5774.9624	5774.9623	5774.9618
10	5774.9639	5774.9637	5774.9635	5774.9632
20	5774.9641	5774.9640	5774.9633	5774.9627
30	5774.9972	5774.9966	5774.9963	5774.9958
40	5774.9982	5774.9977	5774.9974	5774.9968
Max. Deviation (MHz)	0.0394	0.0397	0.0404	0.0412
Max. Deviation (ppm)	6.82	6.87	7.00	7.13
Result	Pass			