FCC Test Report

Equipment	:	Access Point
Brand Name	:	Aerohive
Model No.	:	AP150W
FCC ID	:	WBV-AP150W
Standard	:	47 CFR FCC Part 15.407
Operating Band	:	5150 MHz – 5250 MHz 5725 MHz – 5850 MHz
Applicant	:	Aerohive Networks Inc. 1011 McCarthy Blvd, Milpitas, CA 95035
Manufacturer	:	Aerohive Networks Inc. 1011 McCarthy Blvd, Milpitas, CA 95035
Function	:	☐ Outdoor; ☒ Indoor; ☐ Fixed P2P ☐ Client

The product sample received on Jun. 13, 2017 and completely tested on Jul. 28, 2017. 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

Table of Contents

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
FR761315AB	Rev. 01	Initial issue of report	Aug. 23, 2017

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, 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	P/N	Antenna Type	Connector	Gain (dBi)	
					2.4G	5G
1	WNC	95XKAA15.GCY	PCB Antenna	I-PEX	2.33	5.88
2	WNC	95XKAA15.GCZ	PCB Antenna	I-PEX	3.45	5.86
3	WNC	95XKAA15.GC1	PCB Antenna	I-PEX	3.63	5.86

Note: The EUT has three antennas.

<For 2.4GHz WLAN Function>

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

Ant. 2 connect to port 1 and Ant. 3 connect to port 2

Ant. 2 and Ant. 3 could transmit/receive simultaneously.

<For 5GHz WLAN Function>

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

Ant. 1 connect to port 1, Ant. 2 connect to port 2 and Ant. 3 connect to port 3

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

<For Bluetooth Function>

For bluetooth mode (1TX, 1RX):

Ant. 1 connect to port 1

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

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.876	0.575	2.065m	1k
802.11ac VHT20	0.927	0.329	1.929m	1k
802.11ac VHT20-BF	0.933	0.301	3.848m	300
802.11ac VHT40	0.868	0.615	946u	3k
802.11ac VHT40-BF	0.902	0.448	4.618m	300
802.11ac VHT80	0.812	0.904	454.667u	3k
802.11ac VHT80-BF	0.868	0.615	5.11m	300

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter or PoE			
Beamforming Function	☒	With beamforming for 802.11n/ac.	☐	Without beamforming

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 v01r04
- FCC KDB 644545 D03 v01
- 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	Eddie Weng	23°C / 55%	Jun. 24, 2017
Radiated (For below 1GHz)	03CH01-CB	Welson Chen & Nyle Chang & Peter Wu	22°C / 54%	Jul. 19, 2017
Radiated (For above 1GHz)	03CH01-CB	Welson Chen & Nyle Chang & Peter Wu	22°C / 54%	Jun. 16, 2017 ~ Jul. 20, 2017
AC Conduction	CO01-CB	Howard Lin	22°C / 54%	Jul. 28, 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_(6Mbps)_3TX	-
5180MHz	66
5200MHz	79
5240MHz	70
5745MHz	86
5785MHz	86
5825MHz	86
802.11ac VHT20_Nss1,(MCS0)_3TX	-
5180MHz	63
5200MHz	78
5240MHz	70
5745MHz	86
5785MHz	86
5825MHz	86
802.11ac VHT40_Nss1,(MCS0)_3TX	-
5190MHz	48
5230MHz	69
5755MHz	78
5795MHz	78
802.11ac VHT80_Nss1,(MCS0)_3TX	-
5210MHz	51
5775MHz	67
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-
5180MHz	70
5200MHz	78
5240MHz	70
5745MHz	80
5785MHz	80
5825MHz	79
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-
5190MHz	50
5230MHz	69
5755MHz	76

Mode	Power Setting
5795MHz	78
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-
5210MHz	49
5775MHz	64

Note:
- VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.
- There are two modes of EUT for 802.11n/ac in 2.4GHz/5GHz. One is beamforming mode, and the other is non-beamforming mode. Both modes have been tested and recorded in this test report.

2.2 The Worst Case Measurement Configuration

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

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
1	Normal Link - EUT in Y axis + Adapter
2	Normal Link - EUT in Y axis + PoE 1
3	Normal Link - EUT in Y axis + PoE 2
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
1	EUT in Y axis

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz+WLAN 5GHz+Bluetooth
Refer to Sporton Test Report No.: FA761315 for Co-location RF Exposure Evaluation.	

Note 1: The EUT can only be used at Y axis position.

Note 2: The defines from manufacturer, "console port" without any function, and it was performed test at the load.

Note 3: PoE and Adapter information as below:

The EUT was powered by PoE or Adapter, and the PoE and Adapter was for measurement only, would not be marketed.

Support Unit	Brand	Model
Adapter	CUI INC	SWI36-48-N
PoE 1	Microsemi	PD-3501G/AC
PoE 2	Microsemi	PD-9001GR/AT/AC

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

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

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Wall-mounted rack*1

2.5 Support Equipment

For Test Site No: CO01-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*5	DELL	E6430	DoC
2	PoE Loader	Leader	PFS-4010	DoC
3	Adapter	CUI INC	SWI36-48-N	DoC

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

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*4	DELL	E4300	DoC
2	NB	Apple	Mac Book	DoC
3	PoE Loader	WNC	M1	DoC
4	Adapter	CUI INC	SWI36-48-N	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
2	PoE 1	Power Dsine	PD-3501G/AC	DoC

For beamforming mode

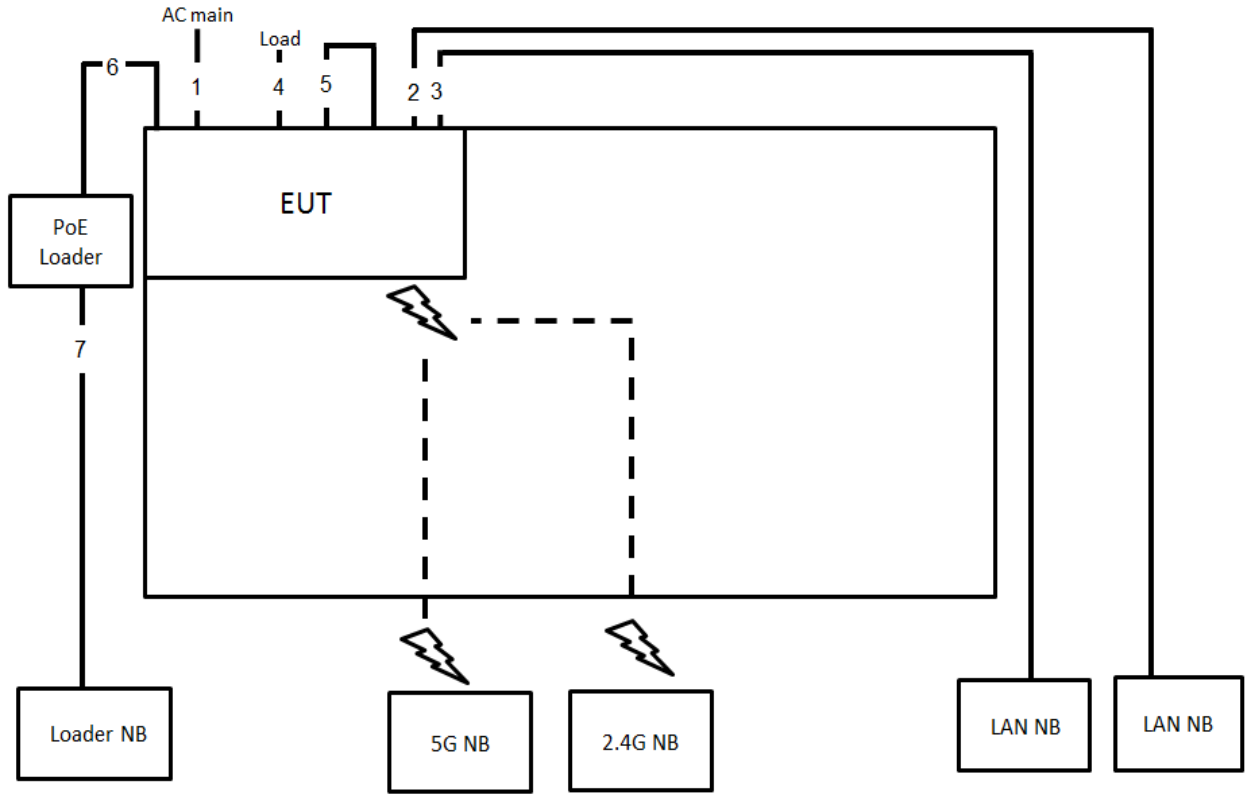
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*2	DELL	E4300	DoC
2	PoE 1	Power Dsine	PD-3501G/AC	DoC
3	WLAN module	Broadcom	BCM943162ZP	QDS-BRCM1075
4	Test fixture	N/A	N/A	N/A

For Test Site No: TH01-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E4300	DoC
2	PoE 2	Microsemi	PD-9001GR/AT/AC	DoC

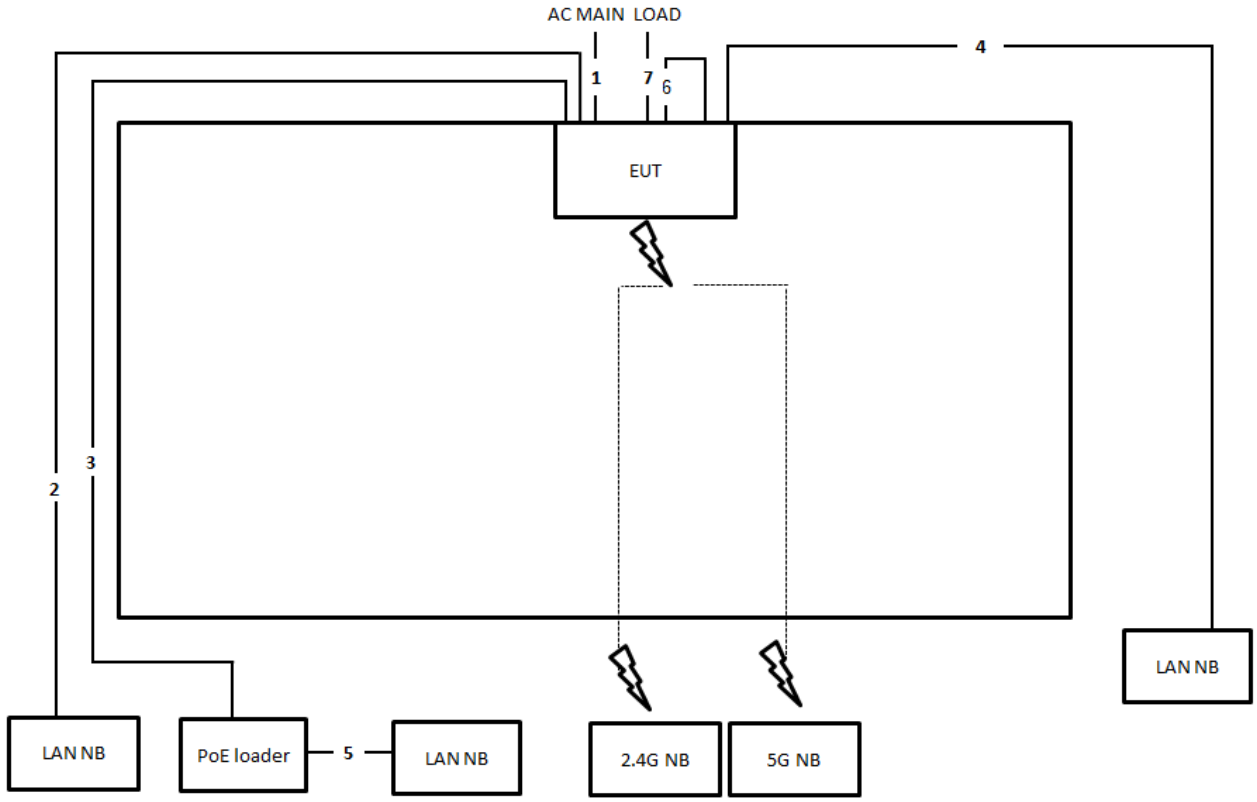
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



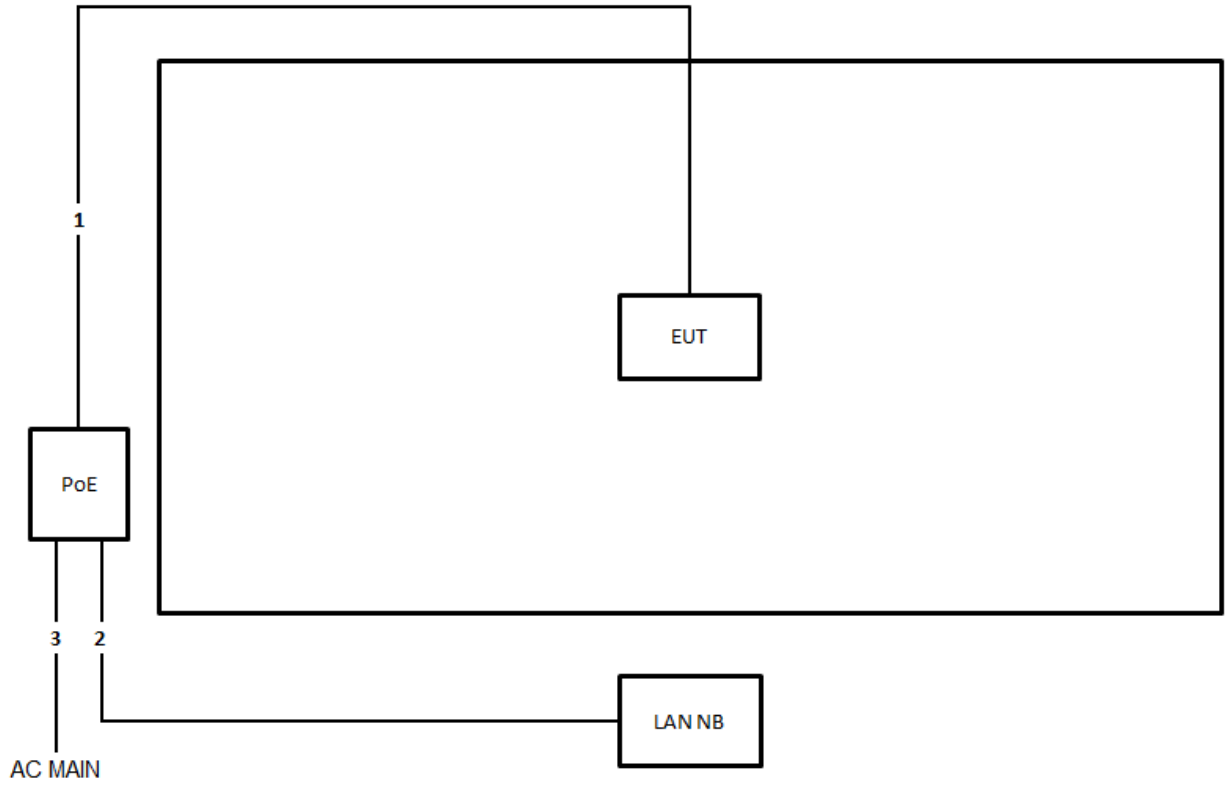
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	1.5m
5	RJ-45 cable	No	0.1m
6	RJ-45 cable	No	10m
7	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test < 1GHz



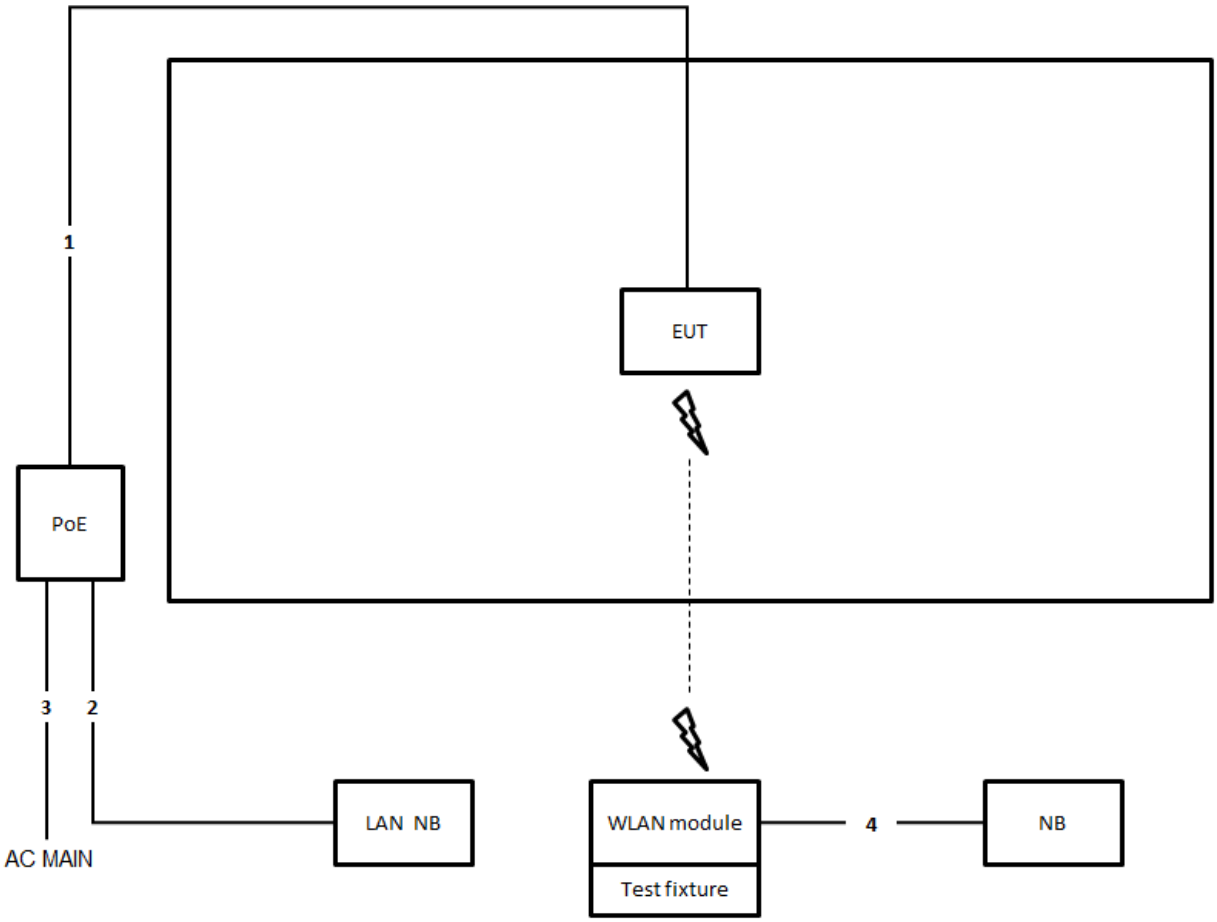
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m
5	Power cable	No	1.5m
6	RJ-45 cable	No	0.1m
7	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz / For non-beamforming mode



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

Test Setup Diagram - Radiated Test > 1GHz / For beamforming mode



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

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

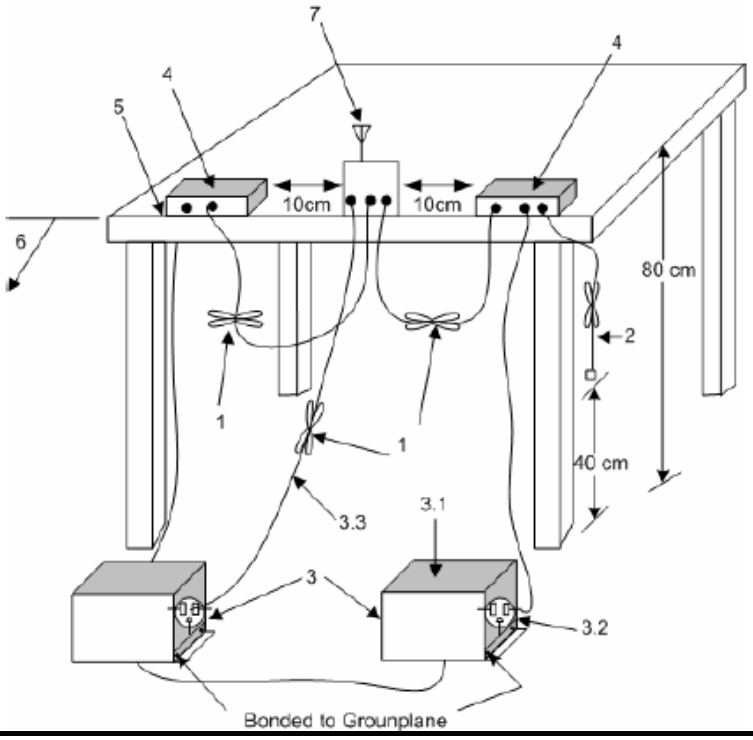
Refer a test equipment and calibration data table in this test report.

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



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

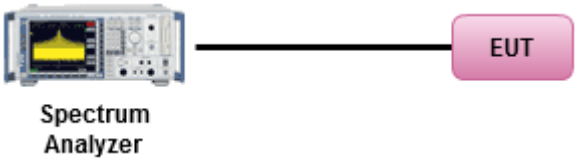
Refer a test equipment and calibration data table in this test report.

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.	

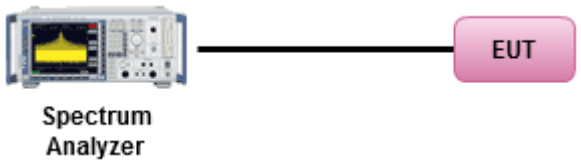
3.4.2 Measuring Instruments

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
 Spectrum Analyzer

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.

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).

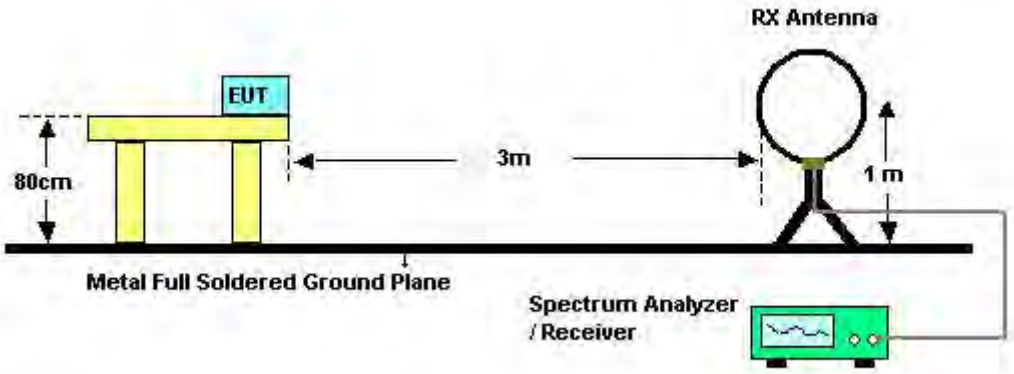
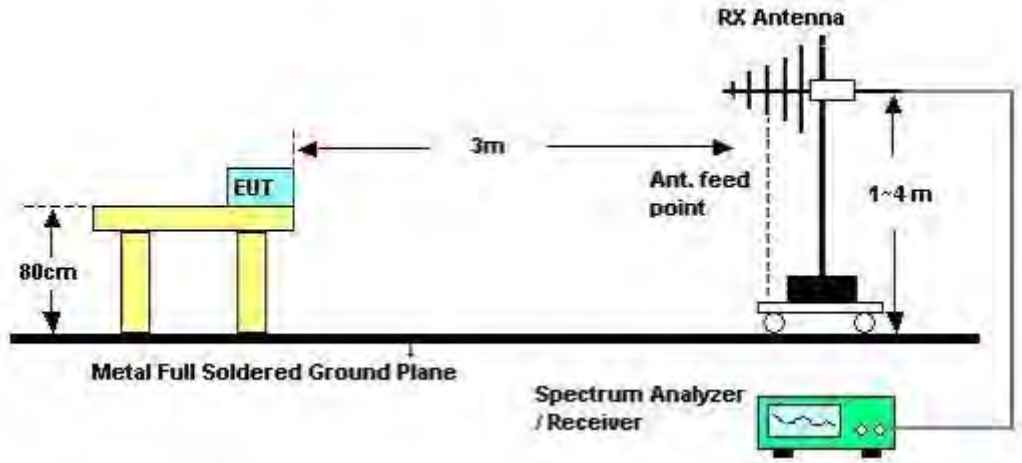
3.5.2 Measuring Instruments

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

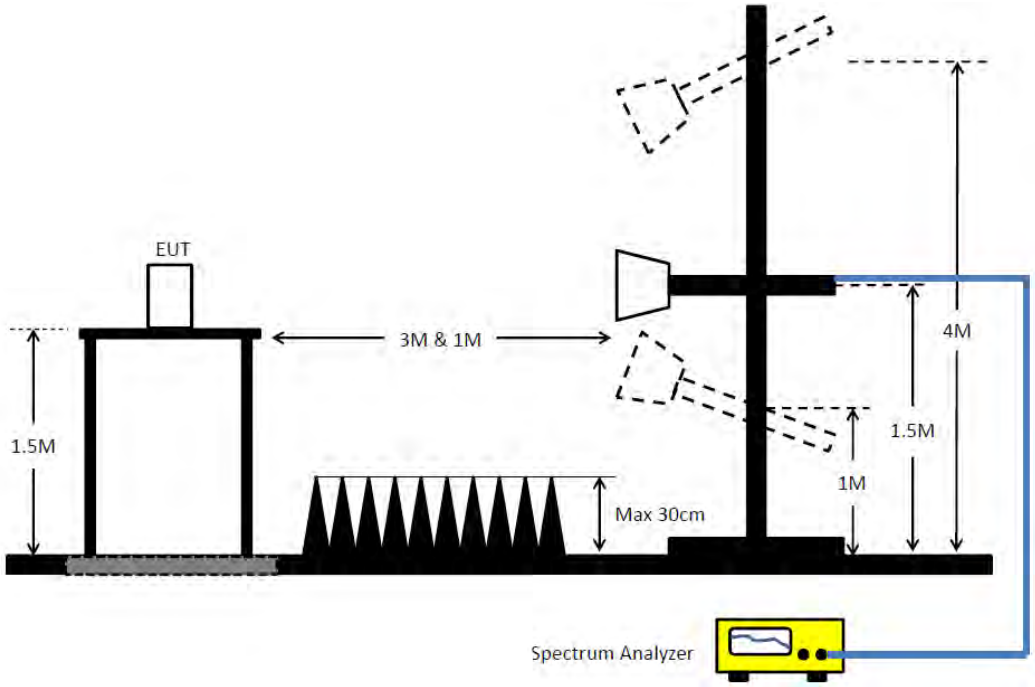
3.5.3 Test Procedures

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

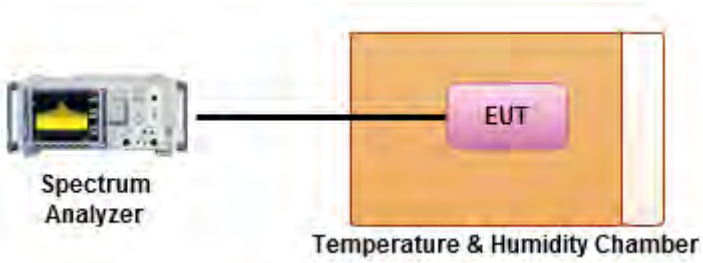
Refer a test equipment and calibration data table in this test report.

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	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 23, 2017	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 14, 2016	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Dec. 21, 2016	Conduction (CO01-CB)
COND Cable	Woken	Cable	01	150kHz ~ 30MHz	May 23, 2017	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	Conduction (CO01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D&N-6-06	37880&AT-N0609	20MHz ~ 2GHz	Aug. 30, 2016	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2016*	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 10, 2016	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 25, 2016	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 05, 2017	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 02, 2017	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 16, 2017	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jun. 28, 2016	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 10, 2017	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 22, 2016	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100355	9kHz ~ 2.75GHz	May 06, 2017	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 24, 2016	Radiation (03CH01-CB)

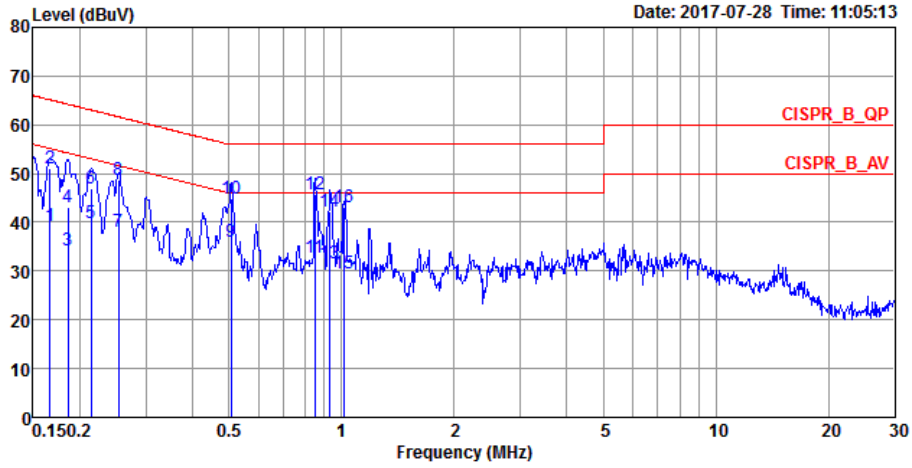
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
Test Software	Audix	E3	6.2009-l0-7	N/A	N/A	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 26, 2016	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 02, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-6	1 GHz – 26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-7	1 GHz –26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-8	1 GHz –26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-9	1 GHz –26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 22, 2016	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.

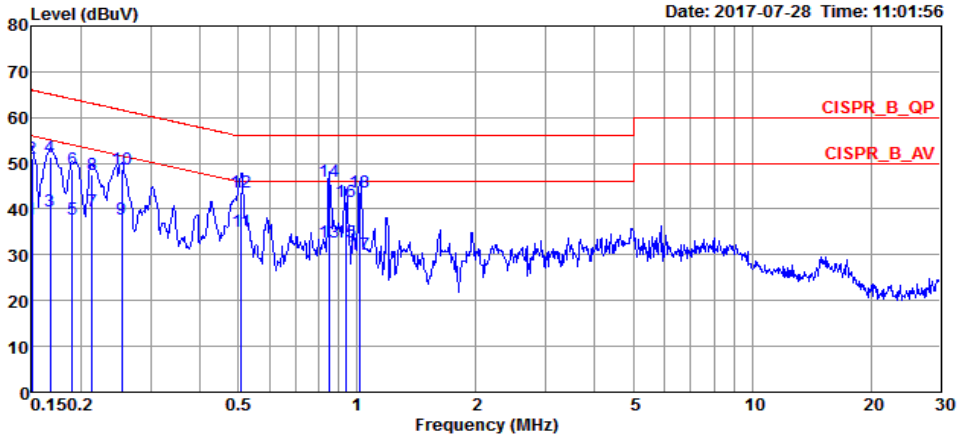
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Normal Link		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.1662	39.21	-15.94	55.15	28.96	10.10	0.15	Average	NEUTRAL
2	0.1662	51.10	-14.05	65.15	40.85	10.10	0.15	QP	NEUTRAL
3	0.1855	34.17	-20.07	54.24	24.02	10.01	0.14	Average	NEUTRAL
4	0.1855	43.19	-21.05	64.24	33.04	10.01	0.14	QP	NEUTRAL
5	0.2140	39.96	-13.09	53.05	29.79	10.05	0.12	Average	NEUTRAL
6	0.2140	47.08	-15.97	63.05	36.91	10.05	0.12	QP	NEUTRAL
7	0.2538	38.02	-13.61	51.63	27.85	10.08	0.09	Average	NEUTRAL
8	0.2538	48.63	-13.00	61.63	38.46	10.08	0.09	QP	NEUTRAL
9	0.5078	36.07	-9.93	46.00	25.79	10.22	0.06	Average	NEUTRAL
10	0.5078	44.81	-11.19	56.00	34.53	10.22	0.06	QP	NEUTRAL
11	0.8486	32.63	-13.37	46.00	22.37	10.10	0.16	Average	NEUTRAL
12	0.8486	45.83	-10.17	56.00	35.57	10.10	0.16	QP	NEUTRAL
13	0.9327	31.56	-14.44	46.00	21.31	10.07	0.18	Average	NEUTRAL
14	0.9327	42.12	-13.88	56.00	31.87	10.07	0.18	QP	NEUTRAL
15	1.0171	29.54	-16.46	46.00	19.30	10.05	0.19	Average	NEUTRAL
16	1.0171	43.06	-12.94	56.00	32.82	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	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.1501	37.71	-18.28	55.99	27.55	10.00	0.16	Average	LINE
2	0.1501	51.16	-14.83	65.99	41.00	10.00	0.16	QP	LINE
3	0.1675	39.50	-15.59	55.09	29.35	10.00	0.15	Average	LINE
4	0.1675	51.48	-13.61	65.09	41.33	10.00	0.15	QP	LINE
5	0.1902	37.93	-16.10	54.03	27.89	9.91	0.13	Average	LINE
6	0.1902	48.61	-15.42	64.03	38.57	9.91	0.13	QP	LINE
7	0.2137	39.67	-13.39	53.06	29.63	9.92	0.12	Average	LINE
8	0.2137	47.53	-15.53	63.06	37.49	9.92	0.12	QP	LINE
9	0.2537	37.76	-13.88	51.64	27.75	9.92	0.09	Average	LINE
10	0.2537	48.73	-12.91	61.64	38.72	9.92	0.09	QP	LINE
11	0.5099	35.11	-10.89	46.00	25.10	9.95	0.06	Average	LINE
12	0.5099	43.77	-12.23	56.00	33.76	9.95	0.06	QP	LINE
13	0.8485	32.69	-13.31	46.00	22.57	9.96	0.16	Average	LINE
14	0.8485	46.01	-9.99	56.00	35.89	9.96	0.16	QP	LINE
15	0.9354	32.85	-13.15	46.00	22.71	9.96	0.18	Average	LINE
16	0.9354	41.70	-14.30	56.00	31.56	9.96	0.18	QP	LINE
17	1.0178	30.04	-15.96	46.00	19.89	9.96	0.19	Average	LINE
18	1.0178	43.75	-12.25	56.00	33.60	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)
802.11a_(6Mbps)_3TX	-	-	-	-	-
5.15-5.25GHz	47.65M	29.46M	29M5D1D	31.55M	16.667M
5.725-5.85GHz	16.375M	37.781M	37M8D1D	16.3M	34.733M
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	49.975M	30.96M	31M0D1D	32.4M	17.791M
5.725-5.85GHz	17.625M	39.505M	39M5D1D	17.275M	36.557M
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	88.75M	38.881M	38M9D1D	39.75M	36.232M
5.725-5.85GHz	36.35M	55.172M	55M2D1D	36.1M	36.557M
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	93.6M	75.162M	75M2D1D	80.7M	74.963M
5.725-5.85GHz	76.3M	76.462M	76M5D1D	75.3M	75.962M
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	50M	32.409M	32M4D1D	38.2M	18.041M
5.725-5.85GHz	17.6M	33.308M	33M3D1D	17.275M	19.815M
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	93.3M	38.131M	38M1D1D	43.25M	36.282M
5.725-5.85GHz	36.3M	76.312M	76M3D1D	35.85M	36.732M
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	107M	75.162M	75M2D1D	80.8M	74.763M
5.725-5.85GHz	76.3M	76.262M	76M3D1D	75.8M	75.862M

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;

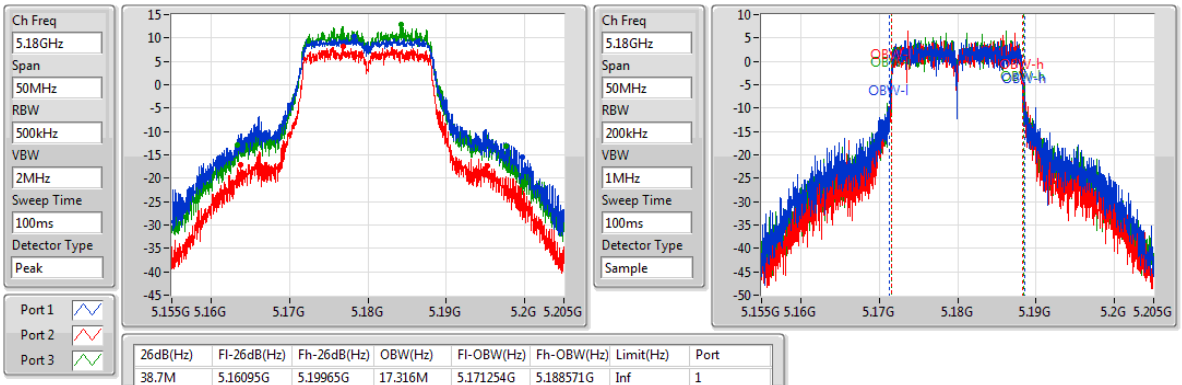
Result

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_(6Mbps)_3TX	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	38.7M	17.316M	31.55M	16.667M	34.25M	16.792M
5200MHz	Pass	Inf	47.65M	29.46M	41.875M	21.714M	43.675M	26.037M
5240MHz	Pass	Inf	41.5M	18.216M	37.275M	16.992M	36.9M	17.441M
5745MHz	Pass	500k	16.325M	35.382M	16.325M	37.106M	16.3M	35.282M
5785MHz	Pass	500k	16.35M	34.733M	16.325M	37.706M	16.375M	35.782M
5825MHz	Pass	500k	16.3M	35.907M	16.3M	37.781M	16.3M	36.557M
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	40.55M	18.041M	33.55M	17.791M	32.4M	17.891M
5200MHz	Pass	Inf	49.975M	30.96M	44.175M	21.689M	46.625M	25.237M
5240MHz	Pass	Inf	43.575M	19.54M	37.8M	18.091M	41.95M	18.541M
5745MHz	Pass	500k	17.6M	36.982M	17.625M	38.231M	17.575M	37.206M
5785MHz	Pass	500k	17.6M	36.557M	17.525M	39.505M	17.275M	37.656M
5825MHz	Pass	500k	17.525M	37.431M	17.6M	39.005M	17.525M	37.681M
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	63.75M	36.282M	39.75M	36.332M	41.35M	36.232M
5230MHz	Pass	Inf	88.75M	38.881M	81.3M	36.632M	88.05M	36.832M
5755MHz	Pass	500k	36.35M	37.281M	36.25M	47.226M	36.3M	54.873M
5795MHz	Pass	500k	36.35M	37.031M	36.1M	48.326M	36.35M	55.172M
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	91.1M	75.162M	93.6M	74.963M	80.7M	75.062M
5775MHz	Pass	500k	75.3M	75.962M	76.3M	76.462M	76.3M	76.162M
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	45.475M	20.015M	39.775M	18.041M	40.35M	18.366M
5200MHz	Pass	Inf	50M	32.409M	44.375M	22.014M	46.375M	25.112M
5240MHz	Pass	Inf	43.45M	19.465M	38.2M	18.091M	40.975M	18.316M
5745MHz	Pass	500k	17.55M	19.815M	17.525M	26.912M	17.575M	26.412M
5785MHz	Pass	500k	17.525M	19.79M	17.6M	28.311M	17.55M	27.636M
5825MHz	Pass	500k	17.275M	20.215M	17.525M	33.308M	17.525M	31.734M
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	67.7M	36.282M	43.25M	36.282M	44.65M	36.282M
5230MHz	Pass	Inf	93.3M	38.131M	81.95M	36.582M	85.35M	36.932M
5755MHz	Pass	500k	36.3M	36.732M	36.3M	41.829M	36M	47.826M
5795MHz	Pass	500k	35.85M	37.381M	36.3M	52.724M	36.3M	76.312M
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	107M	75.162M	81.3M	74.963M	80.8M	74.763M
5775MHz	Pass	500k	75.8M	75.862M	75.8M	76.262M	76.3M	76.062M

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

802.11a_(6Mbps)_3TX EBW

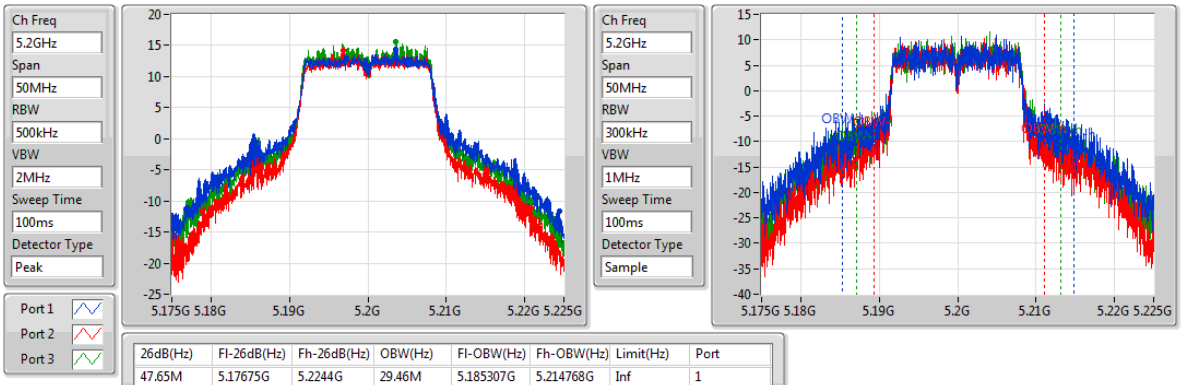
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.7M	5.16095G	5.19965G	17.316M	5.171254G	5.188571G	Inf	1
31.55M	5.16375G	5.1953G	16.667M	5.171604G	5.188271G	Inf	2
34.25M	5.1634G	5.19765G	16.792M	5.171579G	5.188371G	Inf	3

802.11a_(6Mbps)_3TX EBW

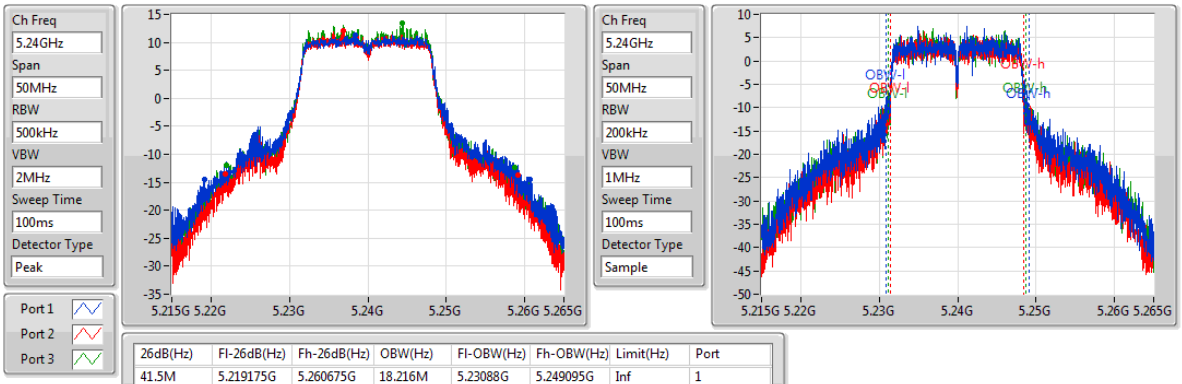
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
47.65M	5.17675G	5.2244G	29.46M	5.185307G	5.214768G	Inf	1
41.875M	5.1789G	5.220775G	21.714M	5.18933G	5.211044G	Inf	2
43.675M	5.17715G	5.220825G	26.037M	5.187106G	5.213143G	Inf	3

802.11a_(6Mbps)_3TX EBW

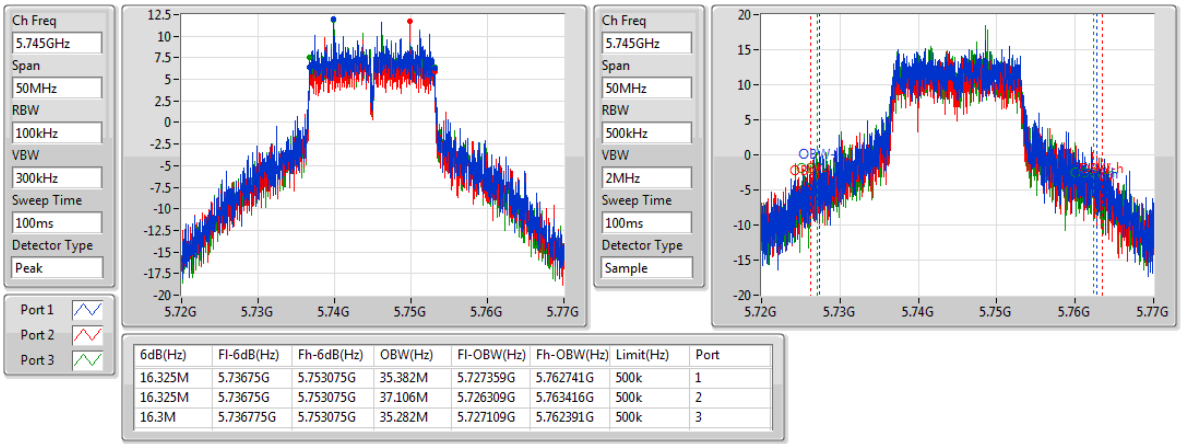
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.5M	5.219175G	5.260675G	18.216M	5.23088G	5.249095G	Inf	1
37.275M	5.22185G	5.259125G	16.992M	5.231429G	5.248421G	Inf	2
36.9M	5.2219G	5.2588G	17.441M	5.231204G	5.248646G	Inf	3

802.11a_(6Mbps)_3TX **EBW**

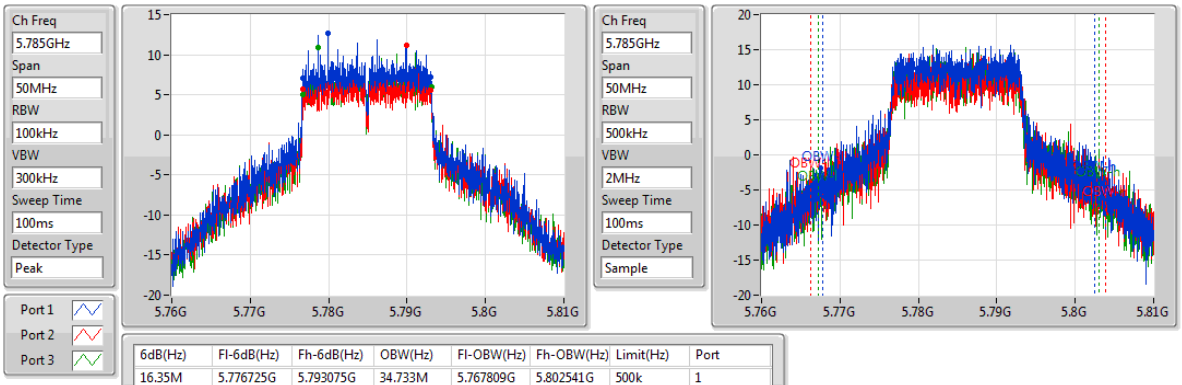
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	5.73675G	5.753075G	35.382M	5.727359G	5.762741G	500k	1
16.325M	5.73675G	5.753075G	37.106M	5.726309G	5.763416G	500k	2
16.3M	5.736775G	5.753075G	35.282M	5.727109G	5.762391G	500k	3

802.11a_(6Mbps)_3TX **EBW**

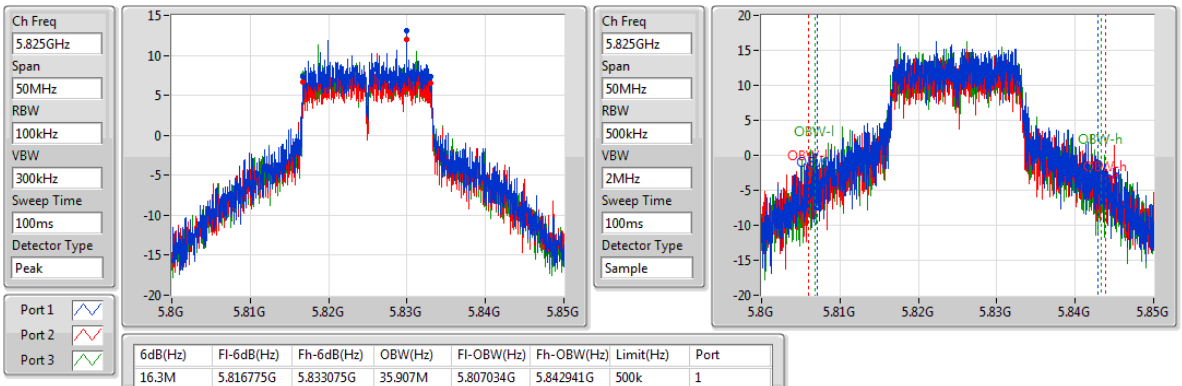
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.776725G	5.793075G	34.733M	5.767809G	5.802541G	500k	1
16.325M	5.77675G	5.793075G	37.706M	5.766234G	5.803941G	500k	2
16.375M	5.776725G	5.7931G	35.782M	5.767284G	5.803066G	500k	3

802.11a_(6Mbps)_3TX **EBW**

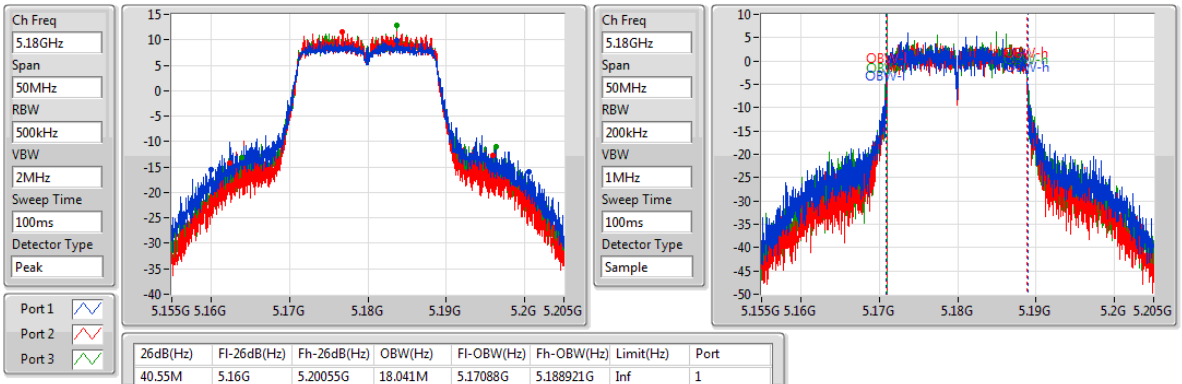
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	5.816775G	5.833075G	35.907M	5.807034G	5.842941G	500k	1
16.3M	5.816775G	5.833075G	37.781M	5.806034G	5.843816G	500k	2
16.3M	5.81675G	5.83305G	36.557M	5.806759G	5.843316G	500k	3

802.11ac VHT20_Nss1,(MCS0)_3TX **EBW**

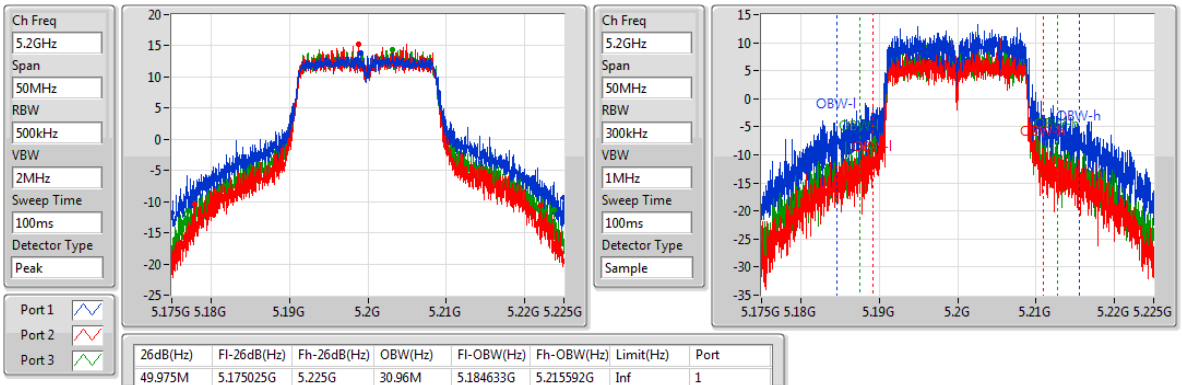
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.55M	5.16G	5.20055G	18.041M	5.17088G	5.188921G	Inf	1
33.55M	5.1624G	5.19595G	17.791M	5.171004G	5.188796G	Inf	2
32.4M	5.16395G	5.19635G	17.891M	5.170955G	5.188846G	Inf	3

802.11ac VHT20_Nss1,(MCS0)_3TX EBW

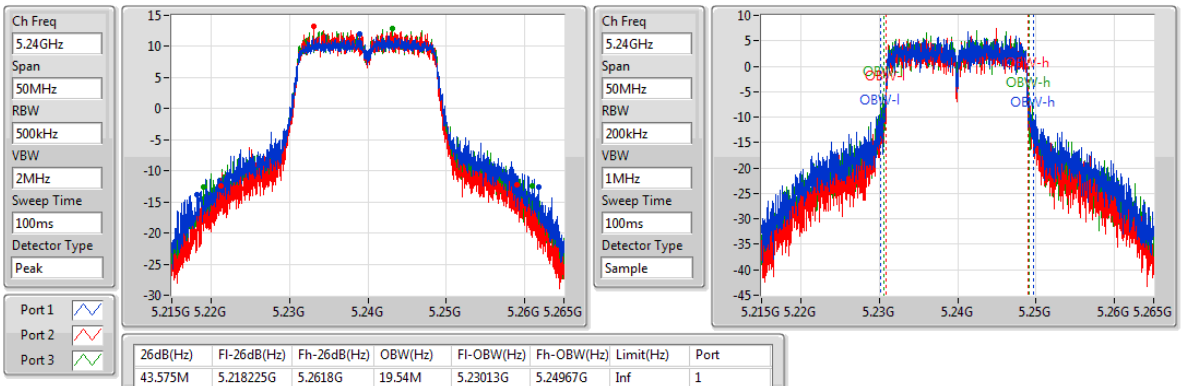
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.975M	5.175025G	5.225G	30.96M	5.184633G	5.215592G	Inf	1
44.175M	5.177875G	5.22205G	21.689M	5.189255G	5.210945G	Inf	2
46.625M	5.177075G	5.2237G	25.237M	5.187506G	5.212744G	Inf	3

802.11ac VHT20_Nss1,(MCS0)_3TX EBW

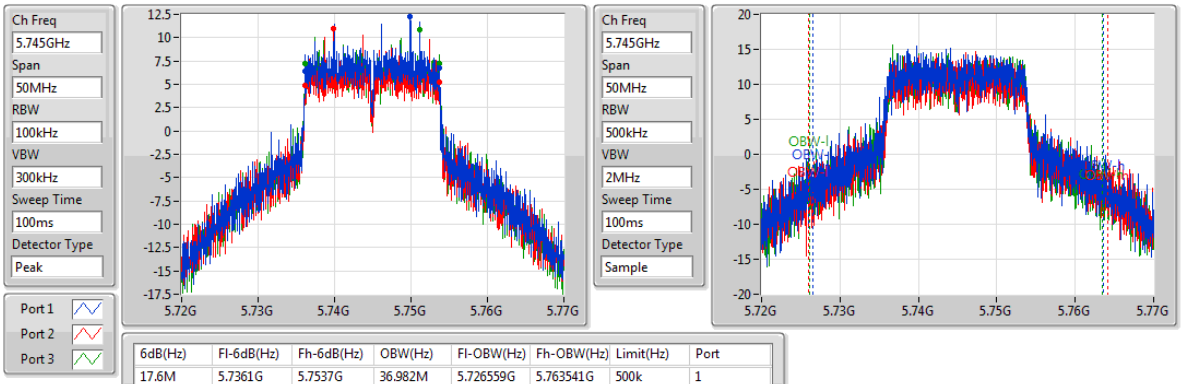
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.575M	5.218225G	5.2618G	19.54M	5.23013G	5.24967G	Inf	1
37.8M	5.2212G	5.259G	18.091M	5.23088G	5.248971G	Inf	2
41.95M	5.218975G	5.260925G	18.541M	5.23053G	5.24907G	Inf	3

802.11ac VHT20_Nss1,(MCS0)_3TX EBW

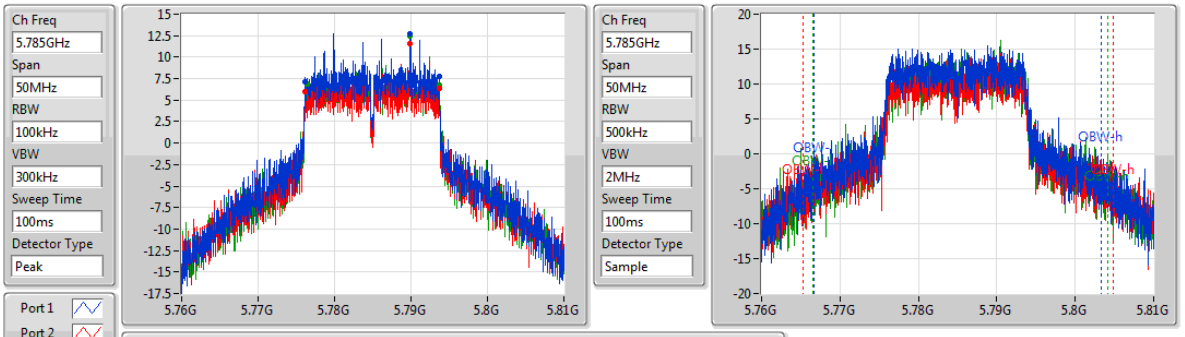
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	5.7361G	5.7537G	36.982M	5.726559G	5.763541G	500k	1
17.625M	5.7361G	5.753725G	38.231M	5.72596G	5.76419G	500k	2
17.575M	5.736125G	5.7537G	37.206M	5.726184G	5.763391G	500k	3

802.11ac VHT20_Nss1,(MCS0)_3TX **EBW**

5785MHz

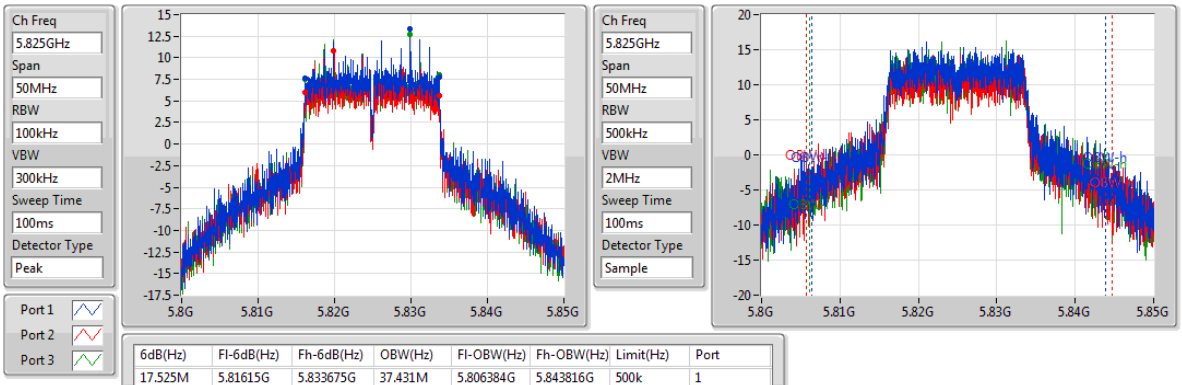


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	5.776125G	5.793725G	36.557M	5.766734G	5.803291G	500k	1
17.525M	5.77615G	5.793675G	39.505M	5.765335G	5.80484G	500k	2
17.275M	5.776425G	5.7937G	37.656M	5.766509G	5.804165G	500k	3

802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

5825MHz

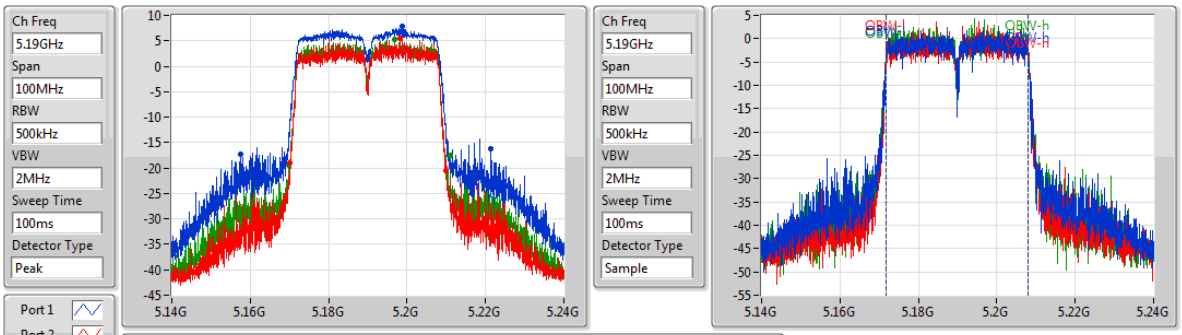


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	5.81615G	5.833675G	37.431M	5.806384G	5.843816G	500k	1
17.6M	5.8161G	5.8337G	39.005M	5.805685G	5.84469G	500k	2
17.525M	5.81615G	5.833675G	37.681M	5.806134G	5.843816G	500k	3

802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

5190MHz

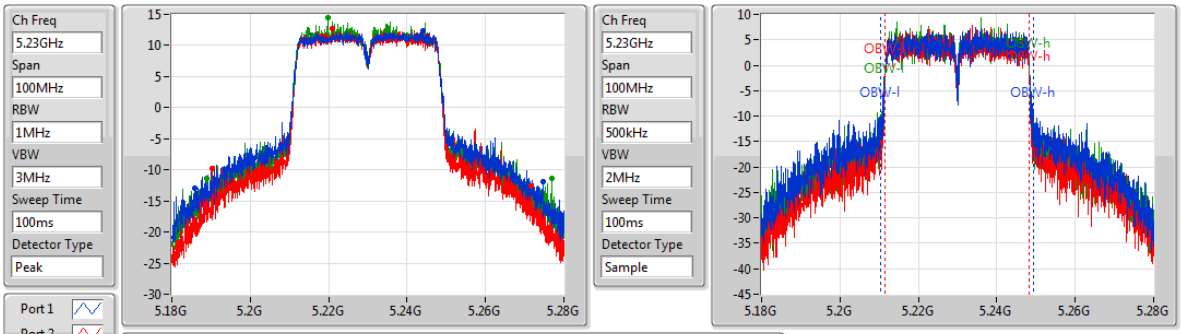


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
63.75M	5.1576G	5.22135G	36.282M	5.171809G	5.208091G	Inf	1
39.75M	5.1702G	5.20995G	36.332M	5.171759G	5.208091G	Inf	2
41.35M	5.16975G	5.2111G	36.232M	5.171809G	5.208041G	Inf	3

802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

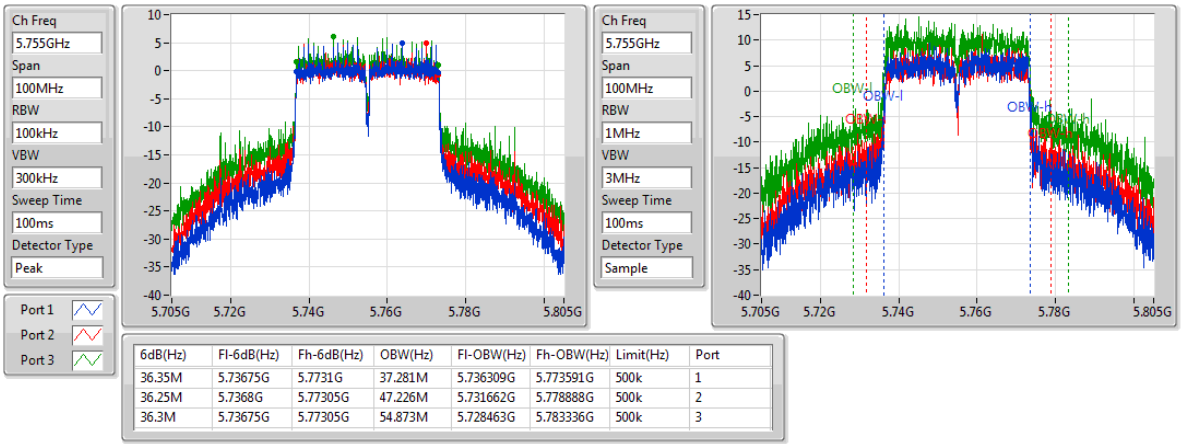
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
88.75M	5.18585G	5.2746G	38.881M	5.21046G	5.24934G	Inf	1
81.3M	5.1904G	5.2717G	36.632M	5.211609G	5.248241G	Inf	2
88.05M	5.1889G	5.27695G	36.832M	5.211509G	5.248341G	Inf	3

802.11ac VHT40_Nss1,(MCS0)_3TX **EBW**

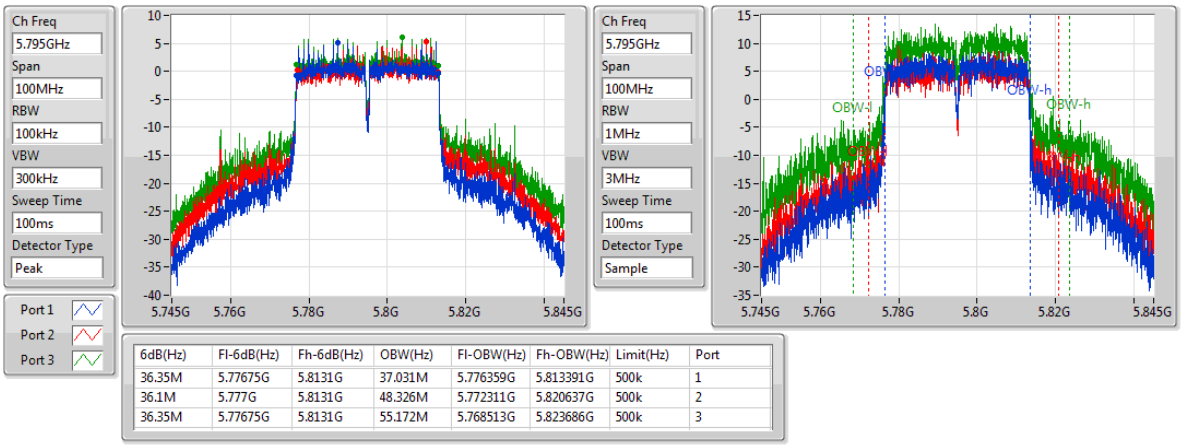
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	5.73675G	5.7731G	37.281M	5.736309G	5.773591G	500k	1
36.25M	5.7368G	5.77305G	47.226M	5.731662G	5.778888G	500k	2
36.3M	5.73675G	5.77305G	54.873M	5.728463G	5.783336G	500k	3

802.11ac VHT40_Nss1,(MCS0)_3TX **EBW**

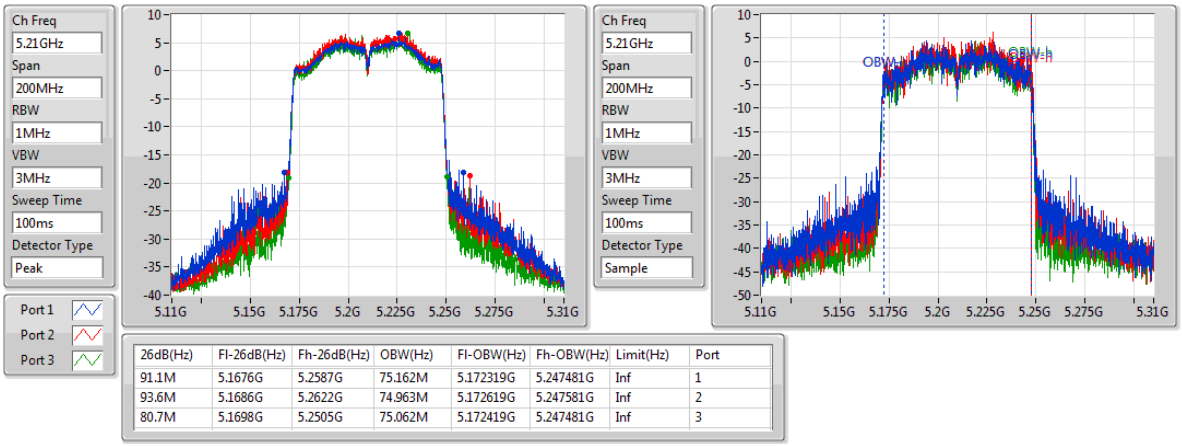
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	5.77675G	5.8131G	37.031M	5.776359G	5.813391G	500k	1
36.1M	5.777G	5.8131G	48.326M	5.772311G	5.820637G	500k	2
36.35M	5.77675G	5.8131G	55.172M	5.768513G	5.823686G	500k	3

802.11ac VHT80_Nss1,(MCS0)_3TX **EBW**

5210MHz

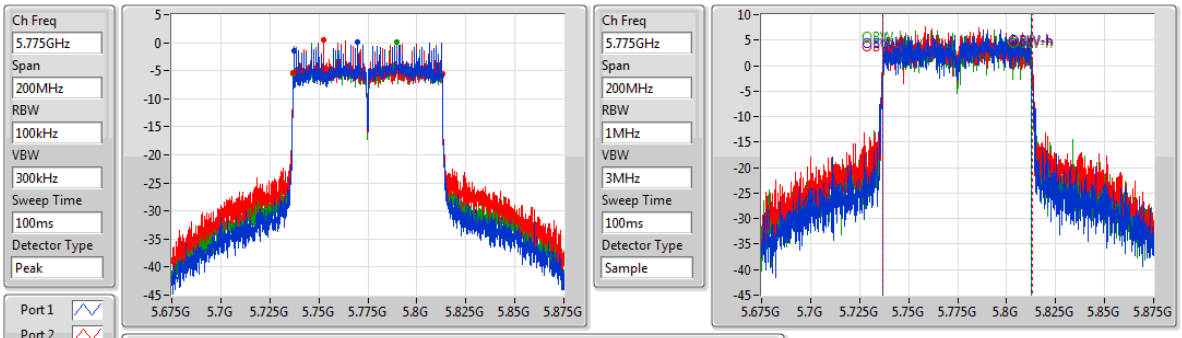


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
91.1M	5.1676G	5.2587G	75.162M	5.172319G	5.247481G	Inf	1
93.6M	5.1686G	5.2622G	74.963M	5.172619G	5.247581G	Inf	2
80.7M	5.1698G	5.2505G	75.062M	5.172419G	5.247481G	Inf	3

802.11ac VHT80_Nss1,(MCS0)_3TX

EBW

5775MHz

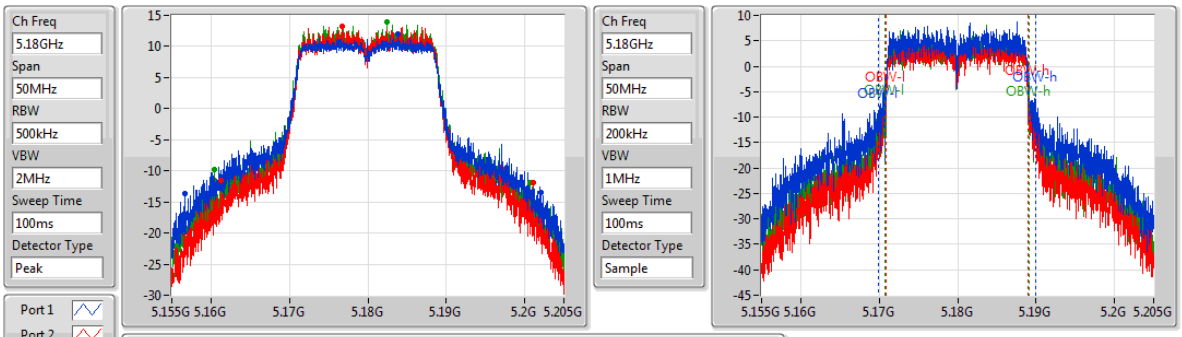


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.3M	5.7374G	5.8127G	75.962M	5.736919G	5.812881G	500k	1
76.3M	5.7368G	5.8131G	76.462M	5.736719G	5.813181G	500k	2
76.3M	5.7367G	5.813G	76.162M	5.736719G	5.812881G	500k	3

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

EBW

5180MHz

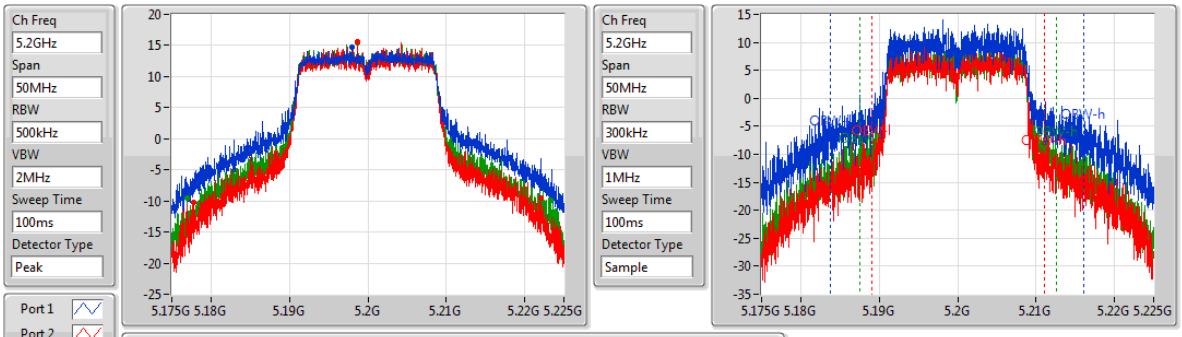


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.475M	5.156625G	5.2021G	20.015M	5.16993G	5.189945G	Inf	1
39.775M	5.161275G	5.20105G	18.041M	5.170905G	5.188946G	Inf	2
40.35M	5.1604G	5.20075G	18.366M	5.17073G	5.189095G	Inf	3

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

EBW

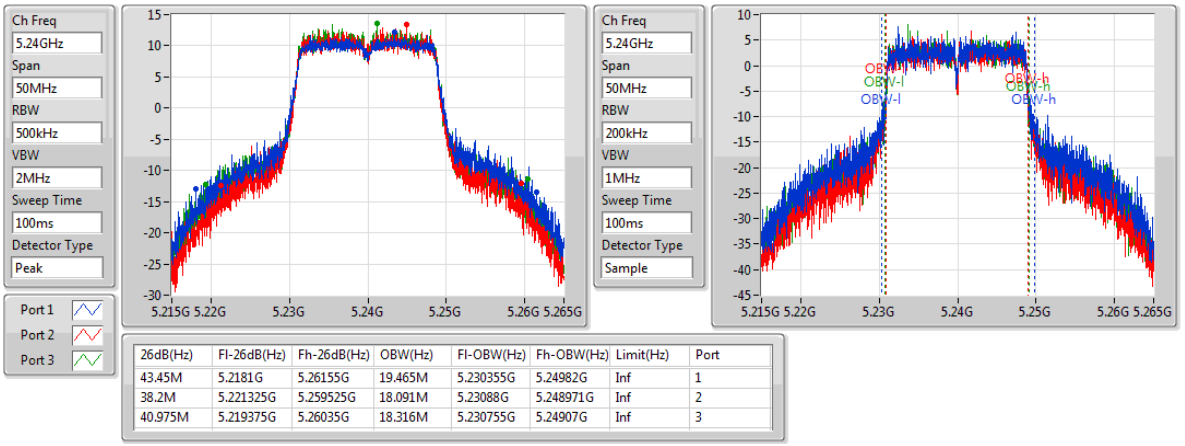
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50M	5.175G	5.225G	32.409M	5.183733G	5.216142G	Inf	1
44.375M	5.177725G	5.2221G	22.014M	5.189105G	5.211119G	Inf	2
46.375M	5.176925G	5.2233G	25.112M	5.187556G	5.212669G	Inf	3

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

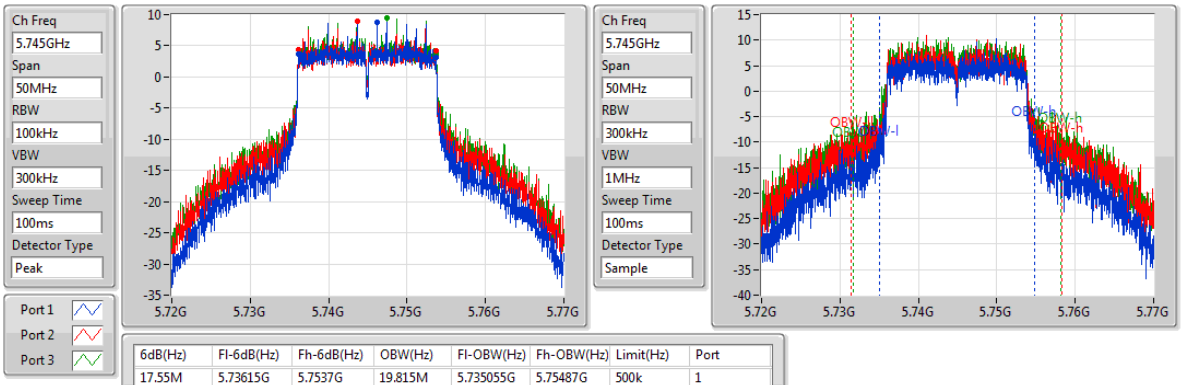
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.45M	5.2181G	5.26155G	19.465M	5.230355G	5.24982G	Inf	1
38.2M	5.221325G	5.259525G	18.091M	5.23088G	5.248971G	Inf	2
40.975M	5.219375G	5.26035G	18.316M	5.230755G	5.24907G	Inf	3

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

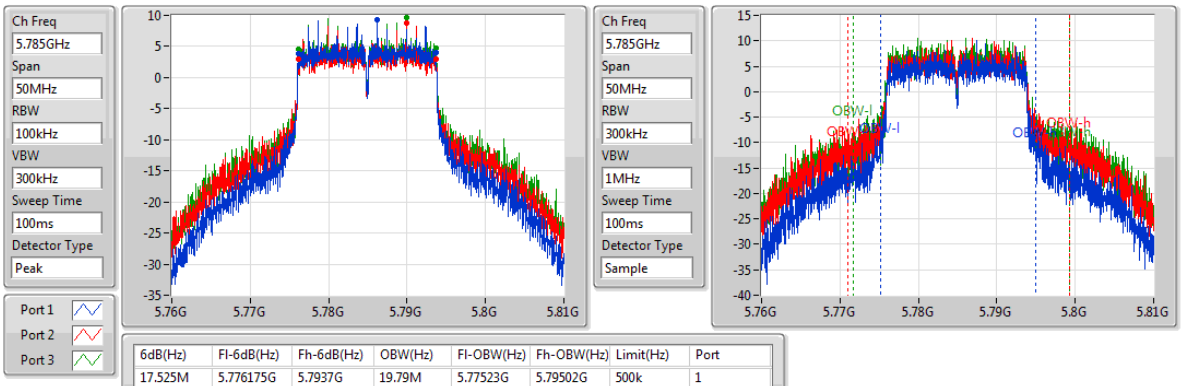
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.73615G	5.7537G	19.815M	5.735055G	5.75487G	500k	1
17.525M	5.73615G	5.753675G	26.912M	5.731457G	5.758368G	500k	2
17.575M	5.736125G	5.7537G	26.412M	5.731757G	5.758168G	500k	3

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

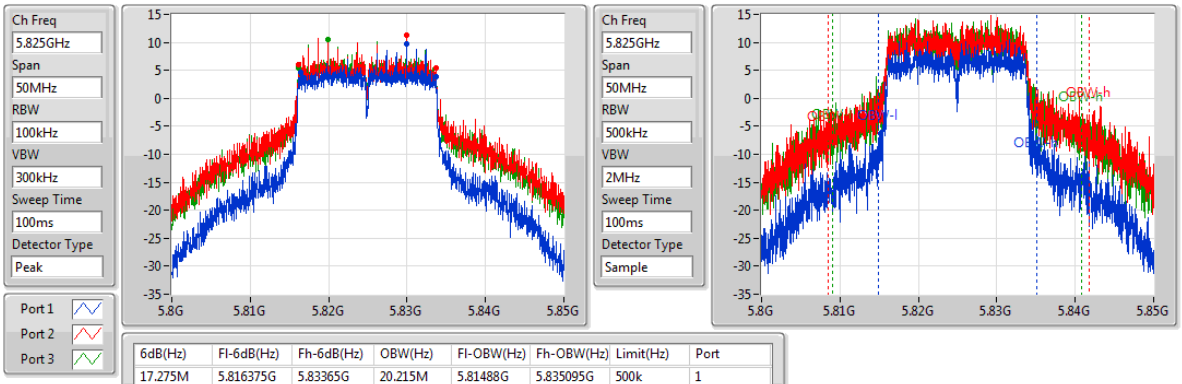
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	5.776175G	5.7937G	19.79M	5.77523G	5.79502G	500k	1
17.6M	5.776125G	5.793725G	28.311M	5.770957G	5.799268G	500k	2
17.55M	5.77615G	5.7937G	27.636M	5.771632G	5.799268G	500k	3

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

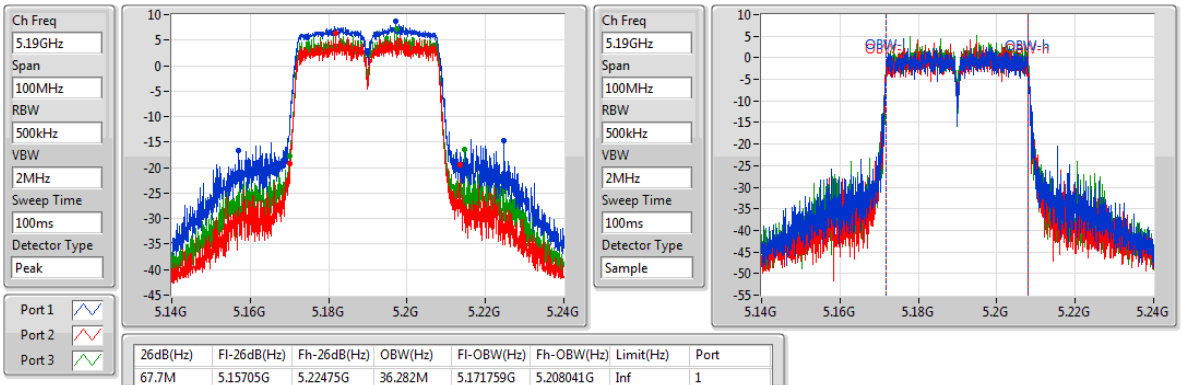
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.275M	5.816375G	5.83365G	20.215M	5.81488G	5.835095G	500k	1
17.525M	5.816175G	5.8337G	33.308M	5.808533G	5.841842G	500k	2
17.525M	5.81615G	5.833675G	31.734M	5.809083G	5.840817G	500k	3

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

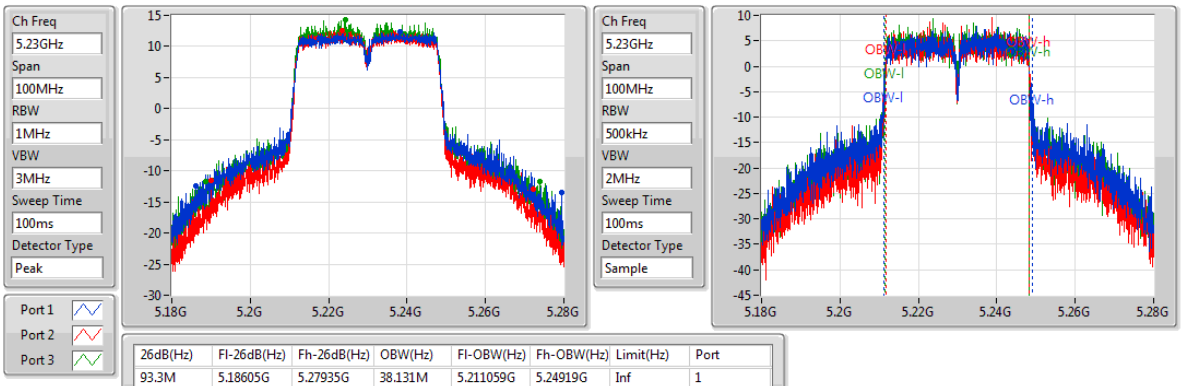
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
67.7M	5.15705G	5.22475G	36.282M	5.171759G	5.208041G	Inf	1
43.25M	5.17015G	5.2134G	36.282M	5.171809G	5.208091G	Inf	2
44.65M	5.17G	5.21465G	36.282M	5.171809G	5.208091G	Inf	3

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

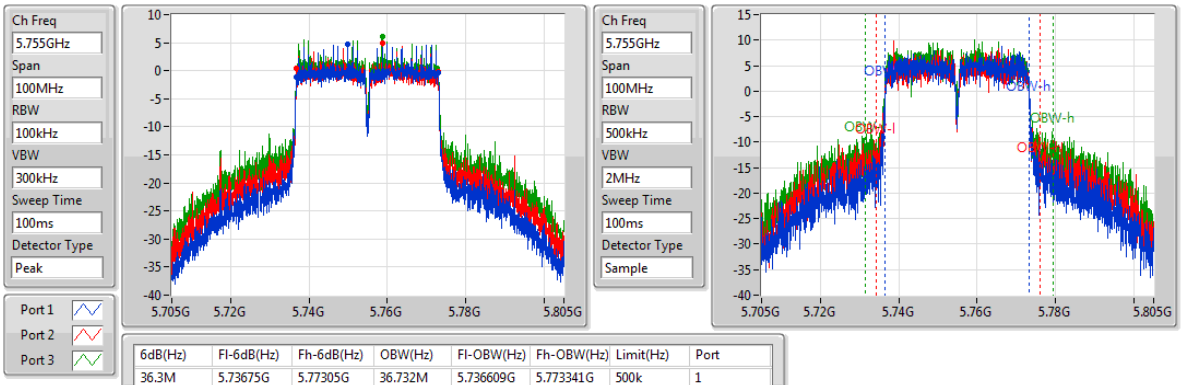
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
93.3M	5.18605G	5.27935G	38.131M	5.211059G	5.24919G	Inf	1
81.95M	5.19015G	5.2721G	36.582M	5.211659G	5.248241G	Inf	2
85.35M	5.1885G	5.27385G	36.932M	5.211409G	5.248341G	Inf	3

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

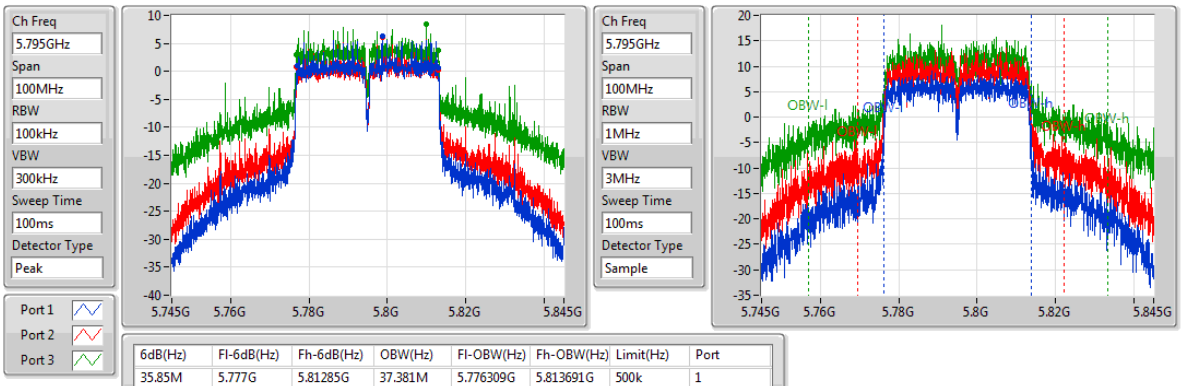
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.73675G	5.77305G	36.732M	5.736609G	5.773341G	500k	1
36.3M	5.73675G	5.77305G	41.829M	5.73411G	5.77594G	500k	2
36M	5.7368G	5.7728G	47.826M	5.731462G	5.779288G	500k	3

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

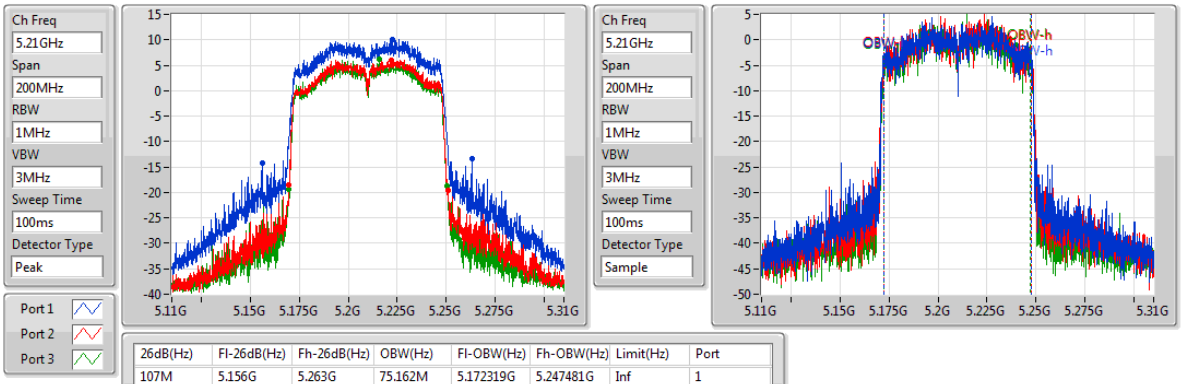
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.85M	5.777G	5.81285G	37.381M	5.776309G	5.813691G	500k	1
36.3M	5.77675G	5.81305G	52.724M	5.769413G	5.822136G	500k	2
36.3M	5.77675G	5.81305G	76.312M	5.757069G	5.833381G	500k	3

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

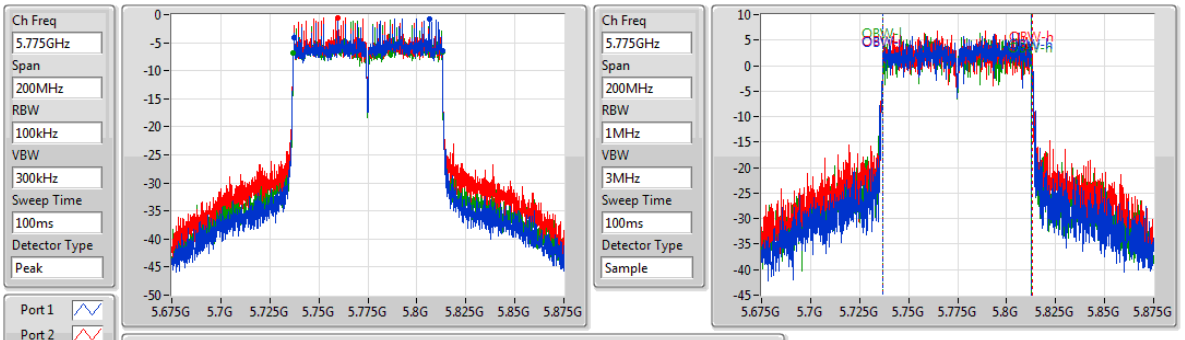
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
107M	5.156G	5.263G	75.162M	5.172319G	5.247481G	Inf	1
81.3M	5.1695G	5.2508G	74.963M	5.172619G	5.247581G	Inf	2
80.8M	5.1698G	5.2506G	74.763M	5.172519G	5.247281G	Inf	3

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

5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.8M	5.7373G	5.8131G	75.862M	5.737019G	5.812881G	500k	1
75.8M	5.7373G	5.8131G	76.262M	5.736819G	5.813081G	500k	2
76.3M	5.7368G	5.8131G	76.062M	5.736819G	5.812881G	500k	3

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11a_(6Mbps)_3TX	-	-	-	-
5.15-5.25GHz	25.04	0.31915	30.92	1.23595
5.725-5.85GHz	27.34	0.54200	33.22	2.09894
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-
5.15-5.25GHz	24.72	0.29648	30.60	1.14815
5.725-5.85GHz	27.35	0.54325	33.23	2.10378
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-
5.15-5.25GHz	23.05	0.20184	28.93	0.78163
5.725-5.85GHz	24.69	0.29444	30.57	1.14025
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-
5.15-5.25GHz	18.46	0.07015	24.34	0.27164
5.725-5.85GHz	21.77	0.15031	27.65	0.58210
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-
5.15-5.25GHz	25.14	0.32659	35.78	3.78443
5.725-5.85GHz	25.05	0.31989	35.69	3.70681
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-
5.15-5.25GHz	23.07	0.20277	33.71	2.34963
5.725-5.85GHz	24.65	0.29174	35.29	3.38065
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-
5.15-5.25GHz	17.95	0.06237	28.59	0.72277
5.725-5.85GHz	21.04	0.12706	31.67	1.46893

Result

Mode	Result	DG	Port 1	Port 2	Port 3	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	5.88	17.02	16.96	17.31	21.87	30.00
5200MHz	Pass	5.88	20.24	19.98	20.56	25.04	30.00
5240MHz	Pass	5.88	17.71	17.71	18.09	22.61	30.00
5745MHz	Pass	5.88	22.57	21.61	22.21	26.92	30.00
5785MHz	Pass	5.88	22.99	21.30	21.82	26.87	30.00
5825MHz	Pass	5.88	23.28	21.95	22.36	27.34	30.00
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	5.88	16.28	16.20	16.52	21.11	30.00
5200MHz	Pass	5.88	20.14	19.60	20.10	24.72	30.00
5240MHz	Pass	5.88	18.32	17.75	18.19	22.86	30.00
5745MHz	Pass	5.88	22.91	21.72	22.32	27.11	30.00
5785MHz	Pass	5.88	23.13	21.42	22.03	27.02	30.00
5825MHz	Pass	5.88	23.30	21.88	22.43	27.35	30.00
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	5.88	13.02	12.77	13.57	17.90	30.00
5230MHz	Pass	5.88	18.28	17.88	18.63	23.05	30.00
5755MHz	Pass	5.88	19.33	19.16	20.44	24.45	30.00
5795MHz	Pass	5.88	19.75	19.23	20.66	24.69	30.00
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	5.88	13.77	14.04	13.21	18.46	30.00
5775MHz	Pass	5.88	17.02	17.04	16.95	21.77	30.00
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	10.64	18.25	18.09	18.65	23.11	25.36
5200MHz	Pass	10.64	20.74	19.96	20.37	25.14	25.36
5240MHz	Pass	10.64	18.26	17.58	18.30	22.83	25.36
5745MHz	Pass	10.64	19.79	20.26	20.74	25.05	25.36
5785MHz	Pass	10.64	20.30	19.52	20.14	24.77	25.36
5825MHz	Pass	10.64	20.00	19.86	20.22	24.80	25.36
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	10.64	13.74	13.32	14.34	18.59	25.36
5230MHz	Pass	10.64	18.26	17.91	18.69	23.07	25.36
5755MHz	Pass	10.64	18.82	18.54	19.76	23.84	25.36
5795MHz	Pass	10.64	19.78	19.30	20.48	24.65	25.36
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	10.64	13.26	13.49	12.75	17.95	25.36
5775MHz	Pass	10.64	16.27	16.26	16.27	21.04	25.36

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
802.11a_(6Mbps)_3TX	-	-
5.15-5.25GHz	12.29	22.93
5.725-5.85GHz	12.81	23.45
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	11.68	22.32
5.725-5.85GHz	12.41	23.05
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	7.28	17.92
5.725-5.85GHz	7.56	18.20
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	1.01	11.65
5.725-5.85GHz	2.46	13.10
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	12.02	22.66
5.725-5.85GHz	11.03	21.67
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	7.24	17.87
5.725-5.85GHz	8.25	18.89
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	0.30	10.94
5.725-5.85GHz	1.03	11.67

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

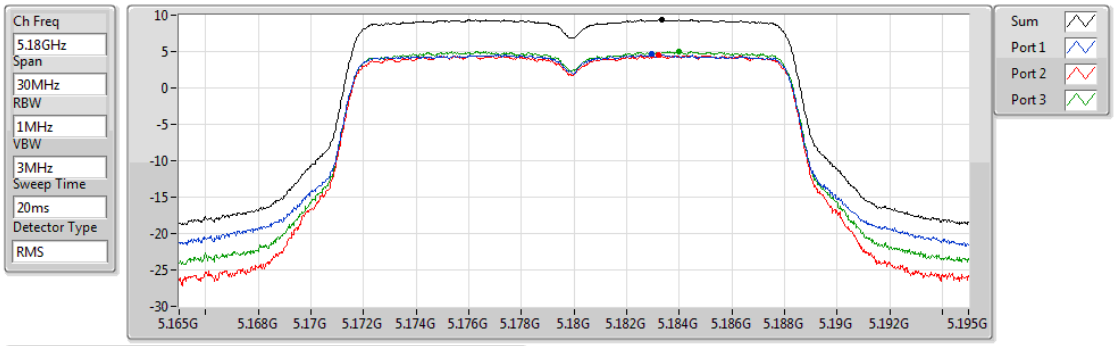
Result

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_(6Mbps)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	10.64	4.61	4.47	5.00	9.38	12.36
5200MHz	Pass	10.64	7.61	7.33	8.01	12.29	12.36
5240MHz	Pass	10.64	5.71	5.24	5.80	10.28	12.36
5745MHz	Pass	10.64	8.51	7.33	8.14	12.57	25.36
5785MHz	Pass	10.64	8.79	7.13	7.95	12.65	25.36
5825MHz	Pass	10.64	8.82	7.43	7.98	12.81	25.36
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	10.64	3.36	3.36	3.80	8.24	12.36
5200MHz	Pass	10.64	7.14	6.67	7.15	11.68	12.36
5240MHz	Pass	10.64	5.32	4.79	5.16	9.77	12.36
5745MHz	Pass	10.64	8.12	7.00	7.57	12.21	25.36
5785MHz	Pass	10.64	8.41	6.70	7.33	12.23	25.36
5825MHz	Pass	10.64	8.43	7.04	7.59	12.41	25.36
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	10.64	-2.60	-2.78	-2.07	2.24	12.36
5230MHz	Pass	10.64	2.65	2.23	3.02	7.28	12.36
5755MHz	Pass	10.64	2.30	2.19	3.44	7.33	25.36
5795MHz	Pass	10.64	2.80	2.11	3.54	7.56	25.36
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	10.64	-3.70	-3.27	-4.08	1.01	12.36
5775MHz	Pass	10.64	-2.43	-2.82	-2.87	1.83	25.36
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	10.64	5.13	5.27	5.63	10.06	12.36
5200MHz	Pass	10.64	7.68	6.93	7.27	12.02	12.36
5240MHz	Pass	10.64	5.55	4.83	5.33	9.90	12.36
5745MHz	Pass	10.64	5.30	5.50	6.10	10.28	25.36
5785MHz	Pass	10.64	5.68	5.04	5.86	10.26	25.36
5825MHz	Pass	10.64	5.78	6.47	6.84	11.03	25.36
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	10.64	-1.91	-2.21	-1.45	2.87	12.36
5230MHz	Pass	10.64	2.62	2.15	2.88	7.24	12.36
5755MHz	Pass	10.64	1.71	1.69	2.78	6.63	25.36
5795MHz	Pass	10.64	2.79	2.39	5.04	8.25	25.36
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	10.64	-4.51	-3.92	-4.78	0.30	12.36
5775MHz	Pass	10.64	-3.45	-3.65	-3.79	1.03	25.36

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 X power density;

802.11a_(6Mbps)_3TX **PSD**

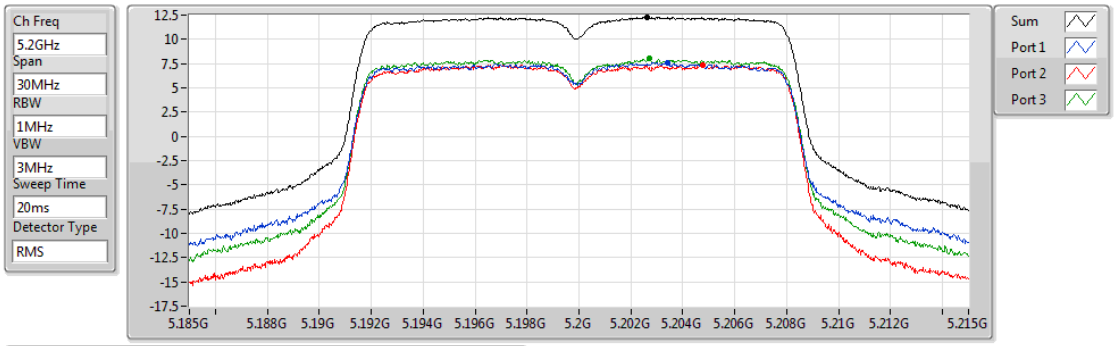
5180MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.38	9.38	4.61	4.47	5.00

802.11a_(6Mbps)_3TX **PSD**

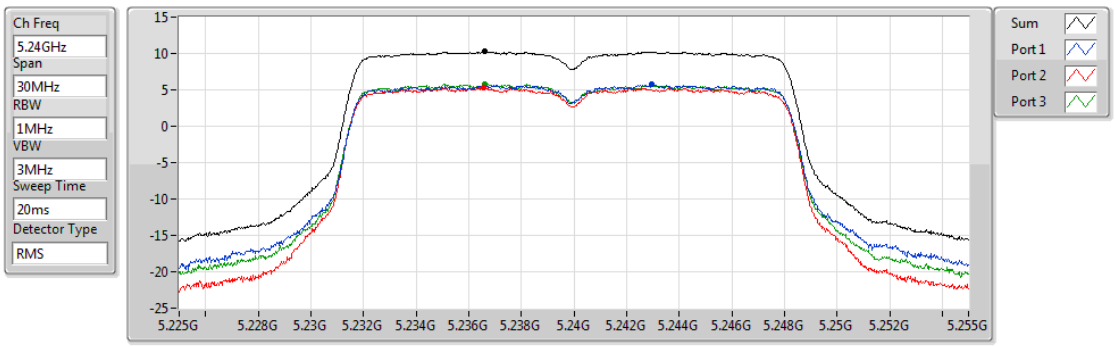
5200MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.29	12.29	7.61	7.33	8.01

802.11a_(6Mbps)_3TX **PSD**

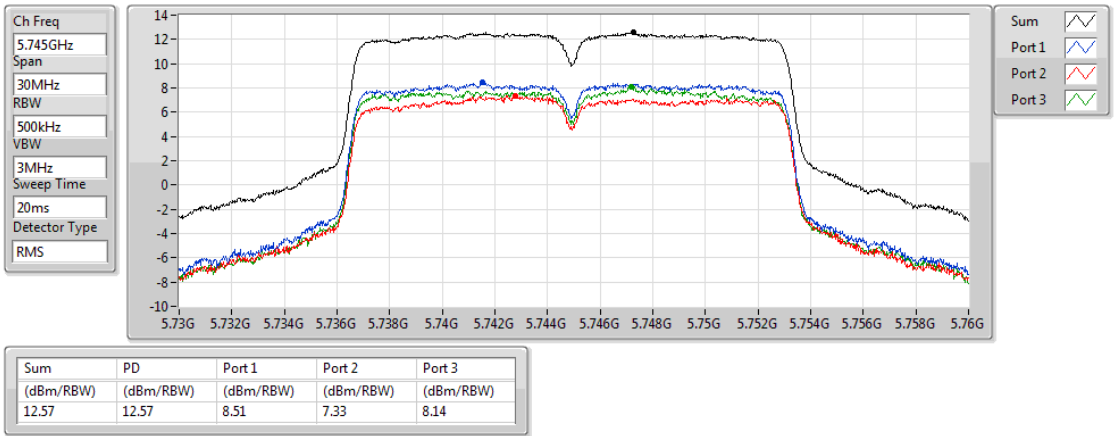
5240MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.28	10.28	5.71	5.24	5.80

802.11a_(6Mbps)_3TX **PSD**

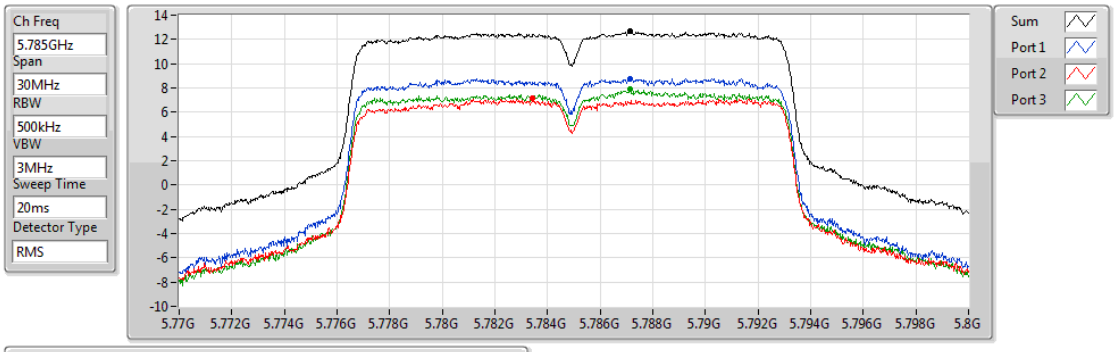
5745MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.57	12.57	8.51	7.33	8.14

802.11a_(6Mbps)_3TX **PSD**

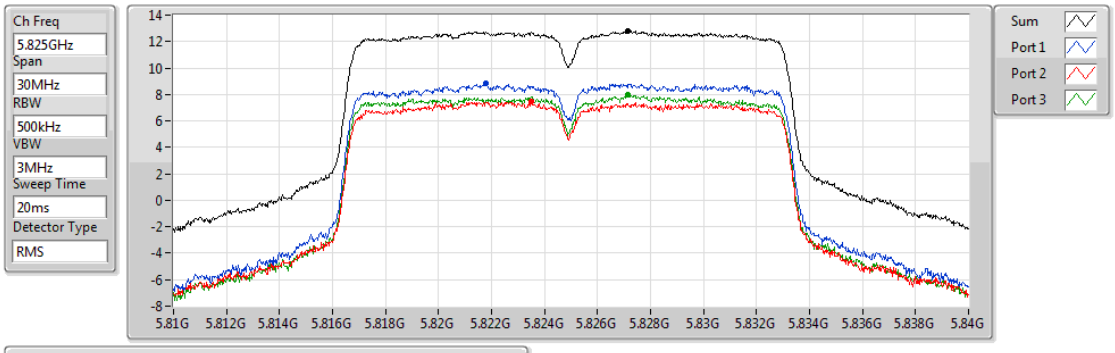
5785MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.65	12.65	8.79	7.13	7.95

802.11a_(6Mbps)_3TX **PSD**

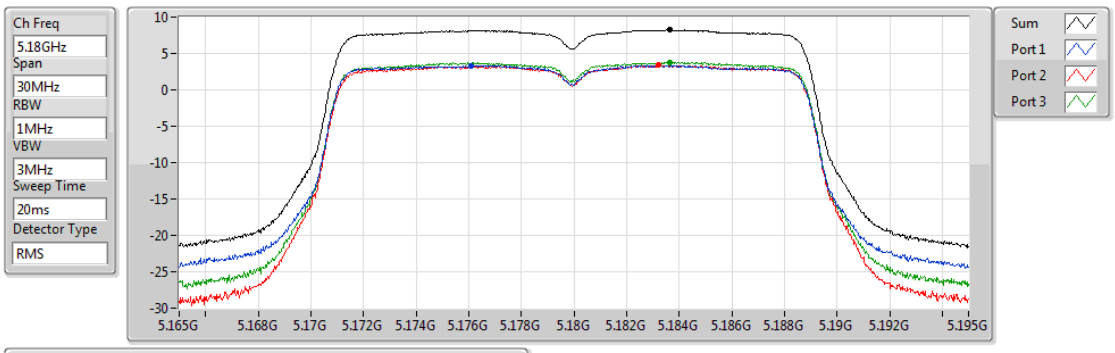
5825MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.81	12.81	8.82	7.43	7.98

802.11ac VHT20_Nss1,(MCS0)_3TX **PSD**

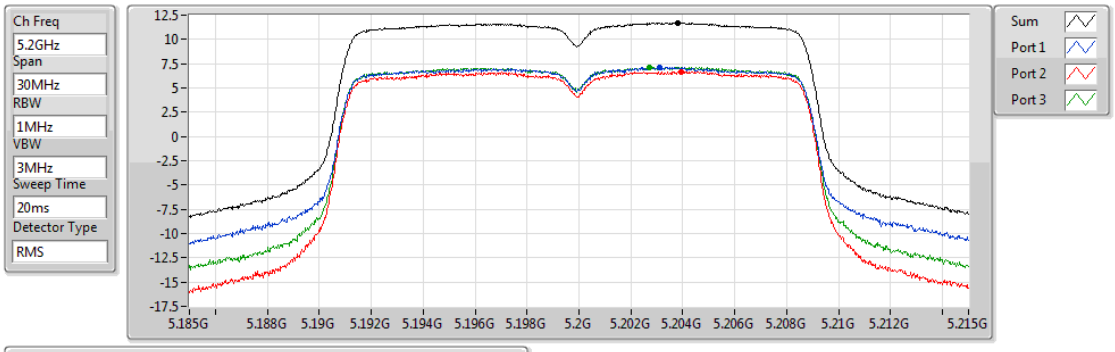
5180MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.24	8.24	3.36	3.36	3.80

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

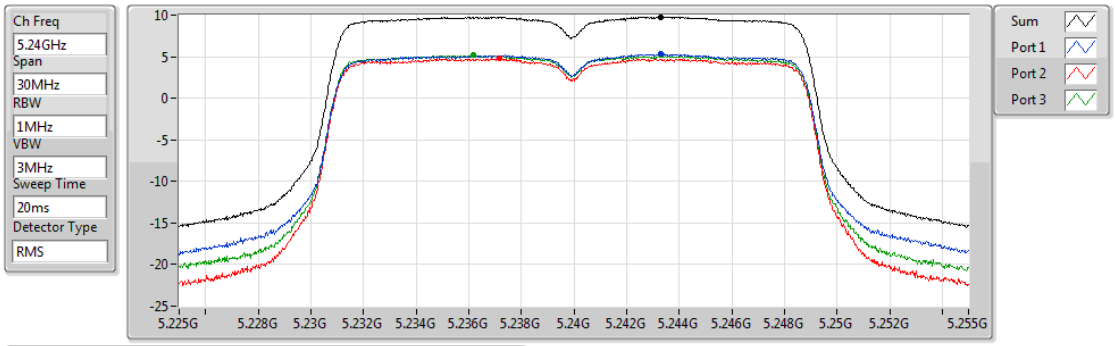
5200MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.68	11.68	7.14	6.67	7.15

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

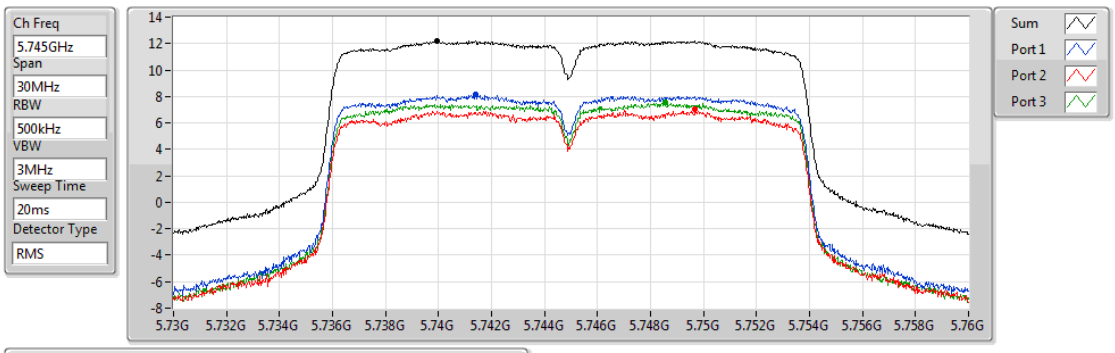
5240MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.77	9.77	5.32	4.79	5.16

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

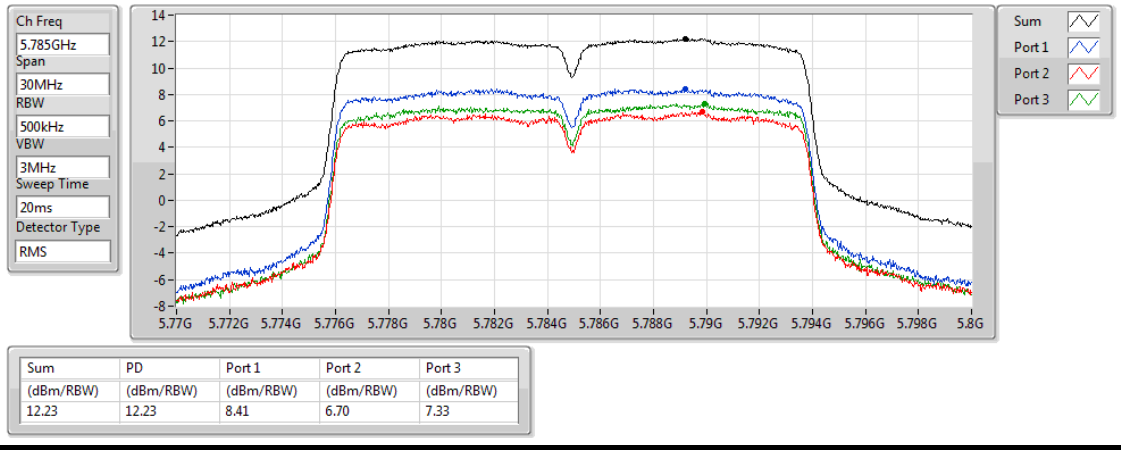
5745MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.21	12.21	8.12	7.00	7.57

802.11ac VHT20_Nss1,(MCS0)_3TX **PSD**

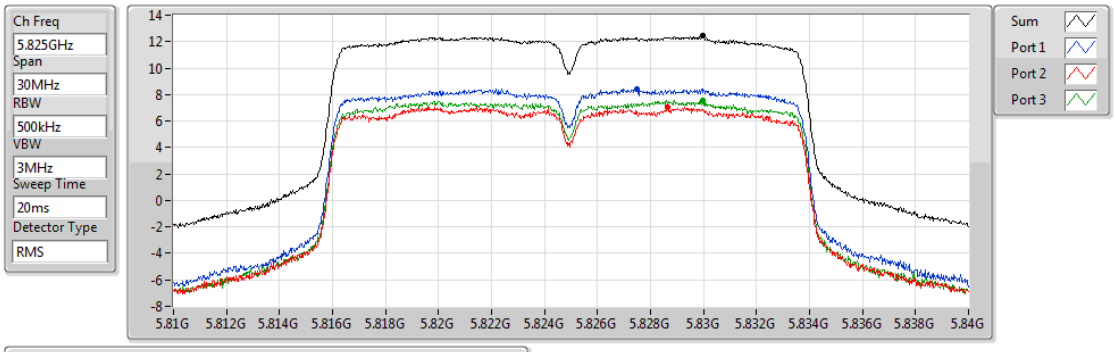
5785MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.23	12.23	8.41	6.70	7.33

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

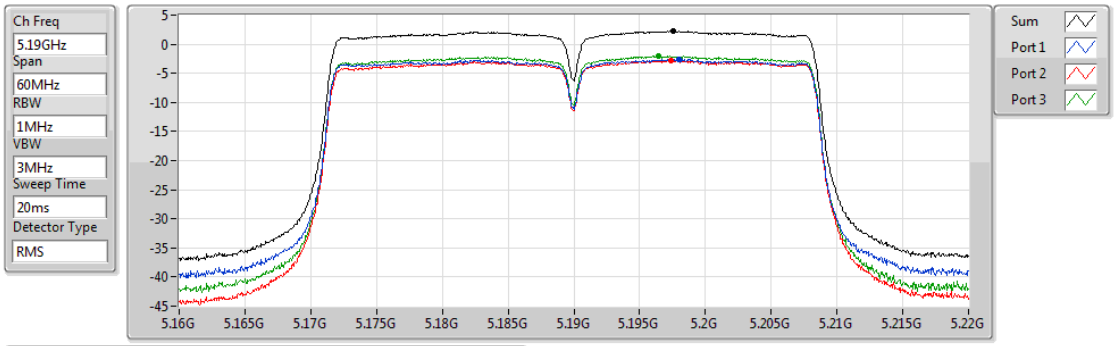
5825MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.41	12.41	8.43	7.04	7.59

802.11ac VHT40_Nss1,(MCS0)_3TX PSD

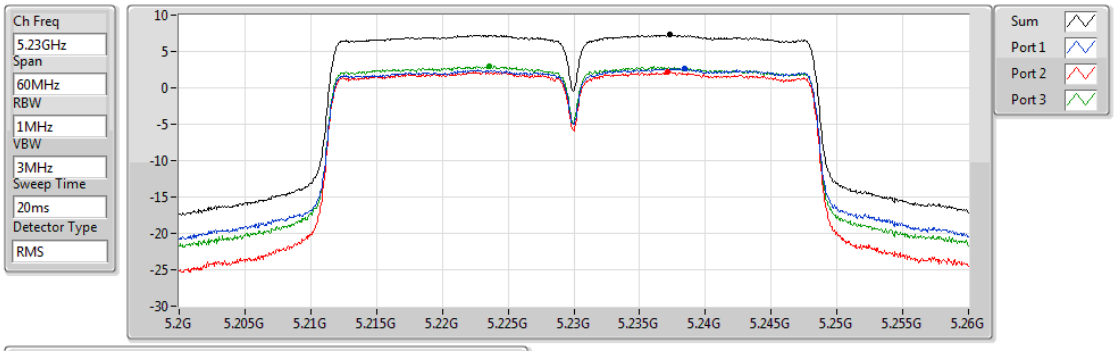
5190MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.24	2.24	-2.60	-2.78	-2.07

802.11ac VHT40_Nss1,(MCS0)_3TX PSD

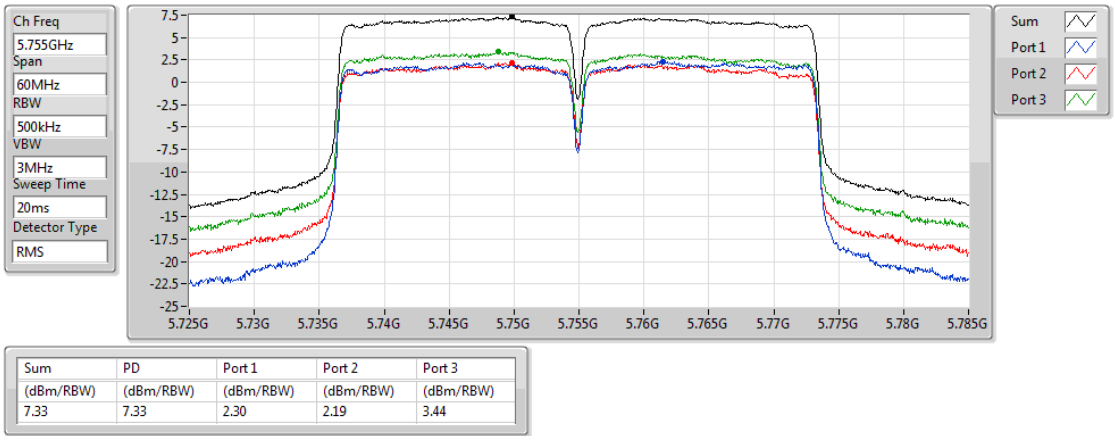
5230MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.28	7.28	2.65	2.23	3.02

802.11ac VHT40_Nss1,(MCS0)_3TX **PSD**

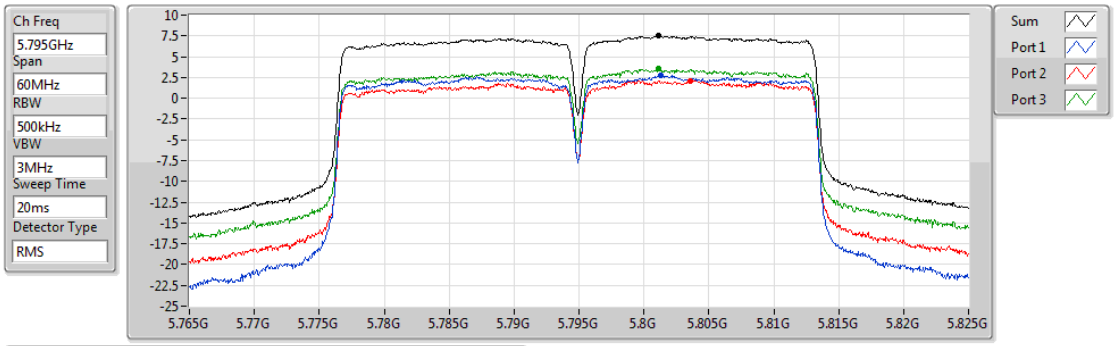
5755MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.33	7.33	2.30	2.19	3.44

802.11ac VHT40_Nss1,(MCS0)_3TX **PSD**

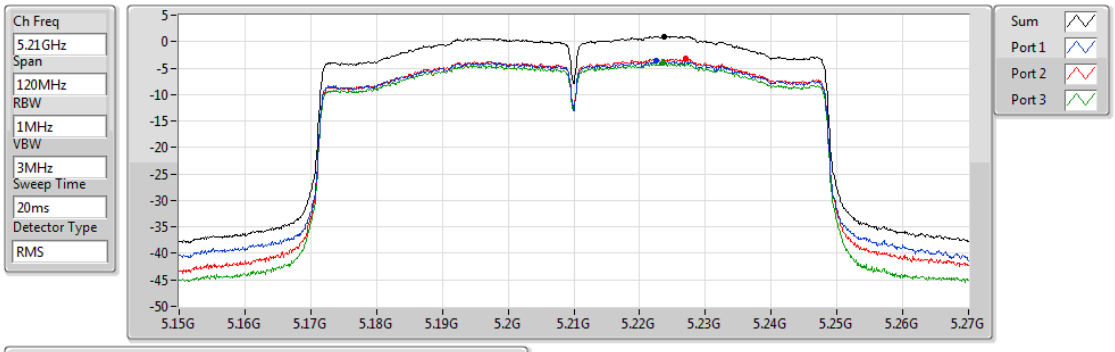
5795MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.56	7.56	2.80	2.11	3.54

802.11ac VHT80_Nss1,(MCS0)_3TX **PSD**

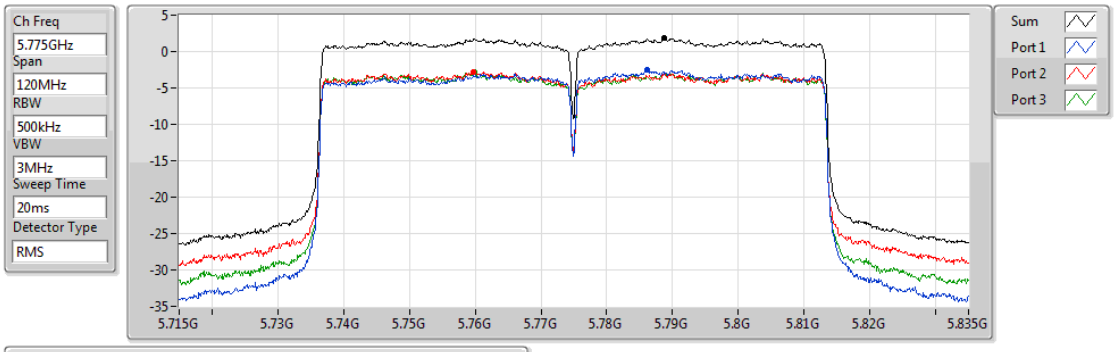
5210MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.01	1.01	-3.70	-3.27	-4.08

802.11ac VHT80_Nss1,(MCS0)_3TX PSD

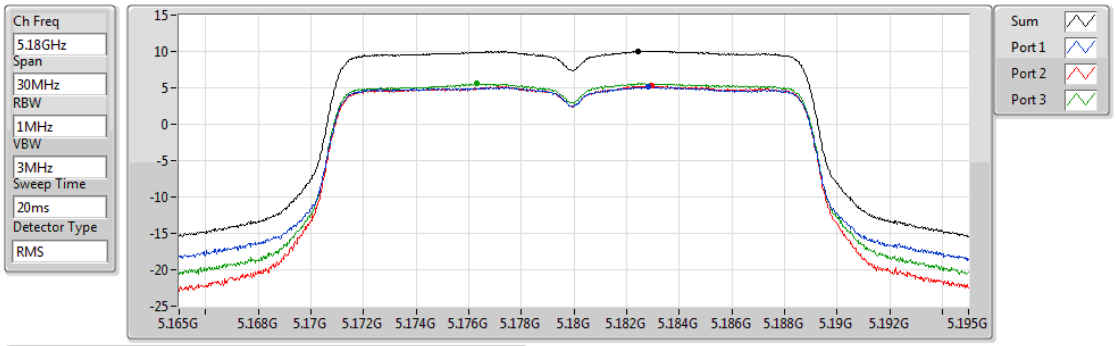
5775MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.83	1.83	-2.43	-2.82	-2.87

802.11ac VHT20-BF_Nss1,(MCS0)_3TX PSD

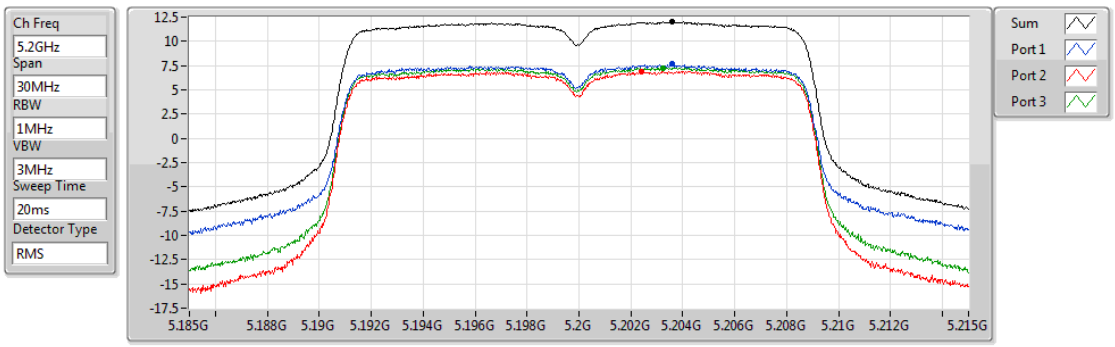
5180MHz



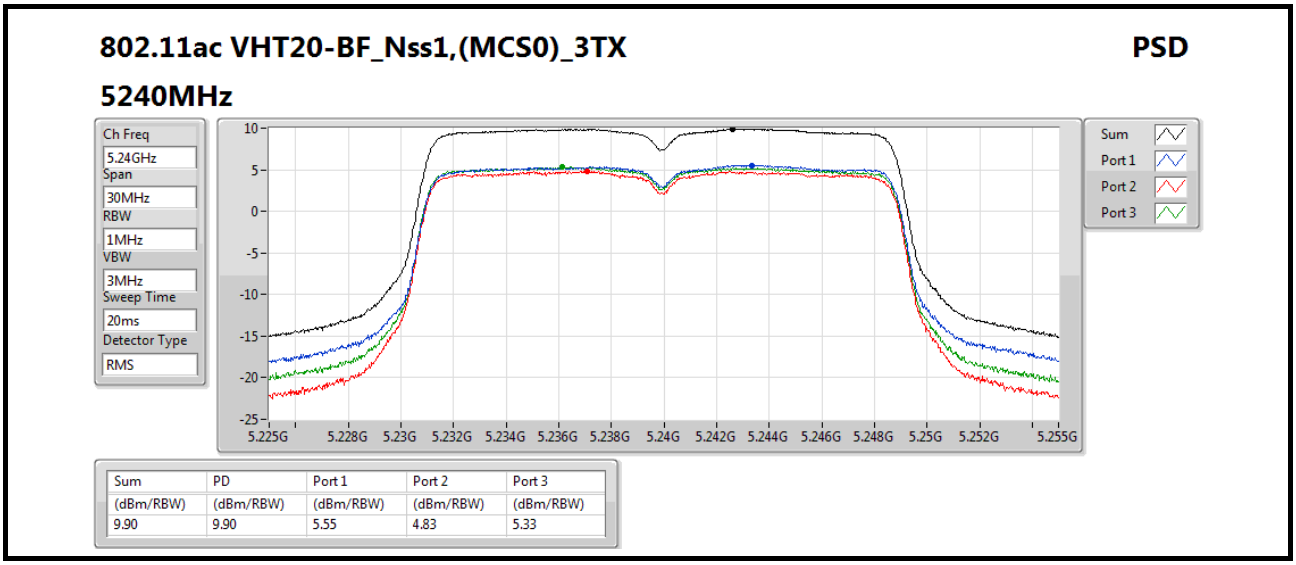
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.06	10.06	5.13	5.27	5.63

802.11ac VHT20-BF_Nss1,(MCS0)_3TX PSD

5200MHz



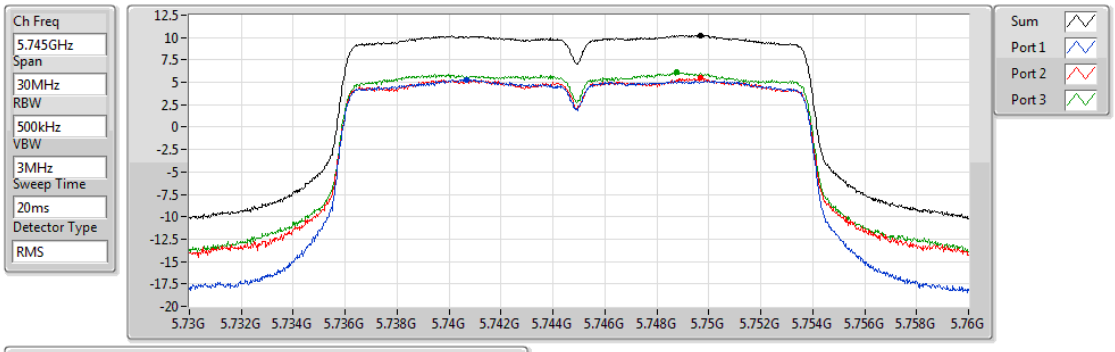
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.02	12.02	7.68	6.93	7.27



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.90	9.90	5.55	4.83	5.33

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

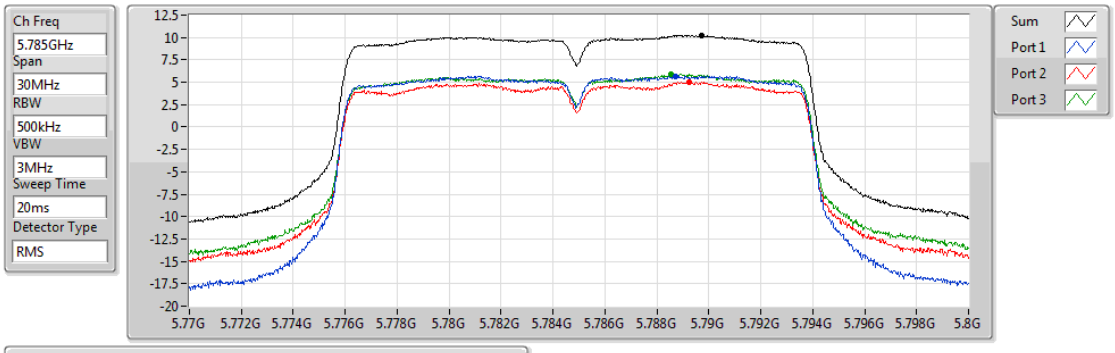
5745MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.28	10.28	5.30	5.50	6.10

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

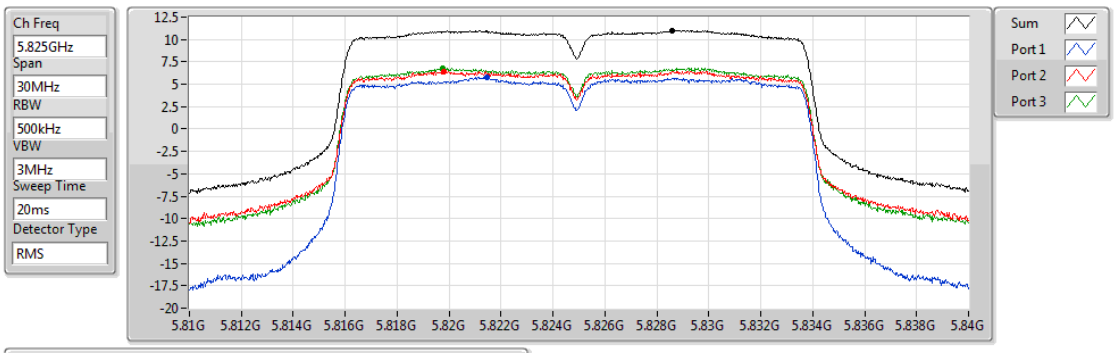
5785MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.26	10.26	5.68	5.04	5.86

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

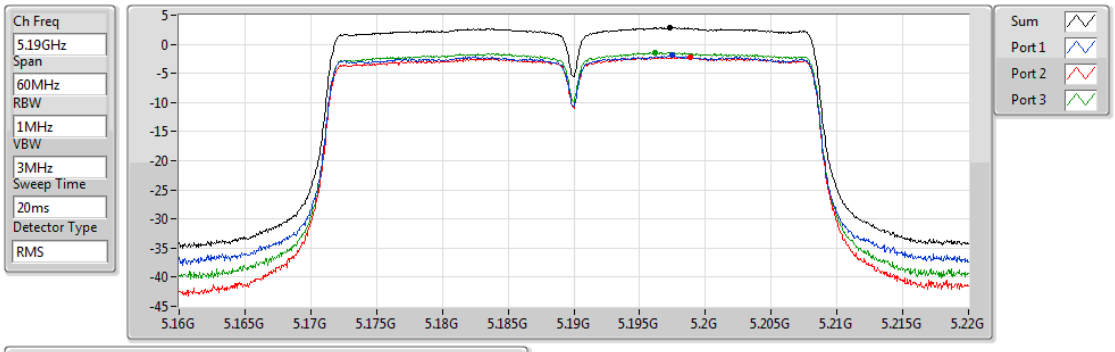
5825MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.03	11.03	5.78	6.47	6.84

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

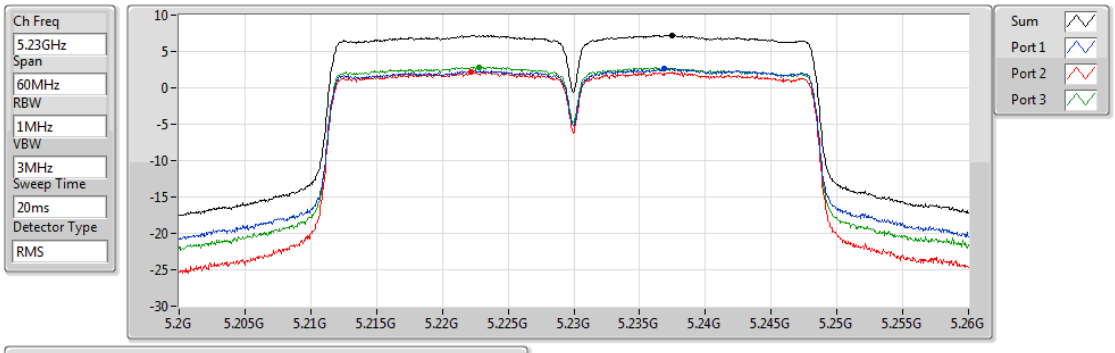
5190MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.87	2.87	-1.91	-2.21	-1.45

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

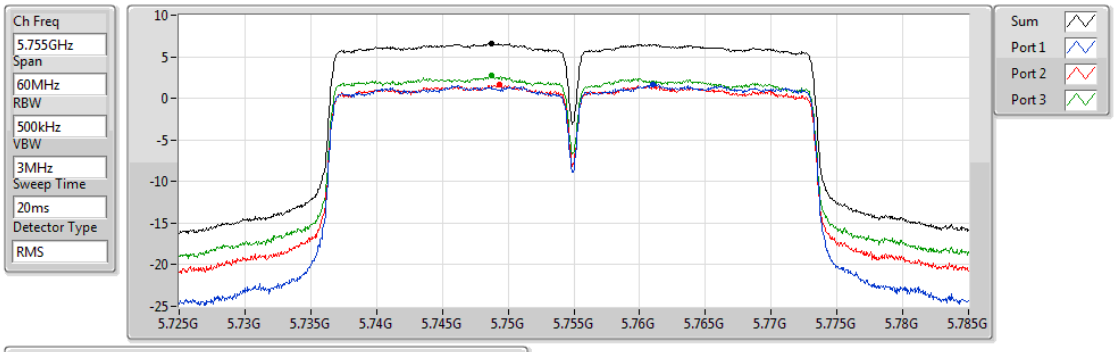
5230MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.24	7.24	2.62	2.15	2.88

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

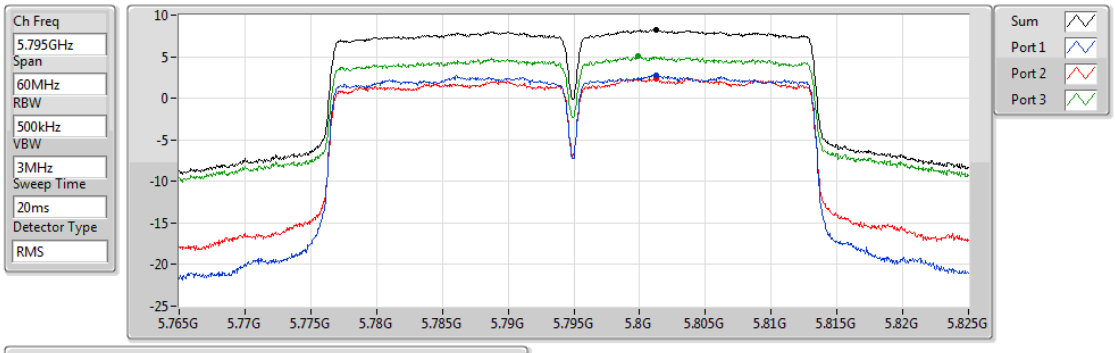
5755MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.63	6.63	1.71	1.69	2.78

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

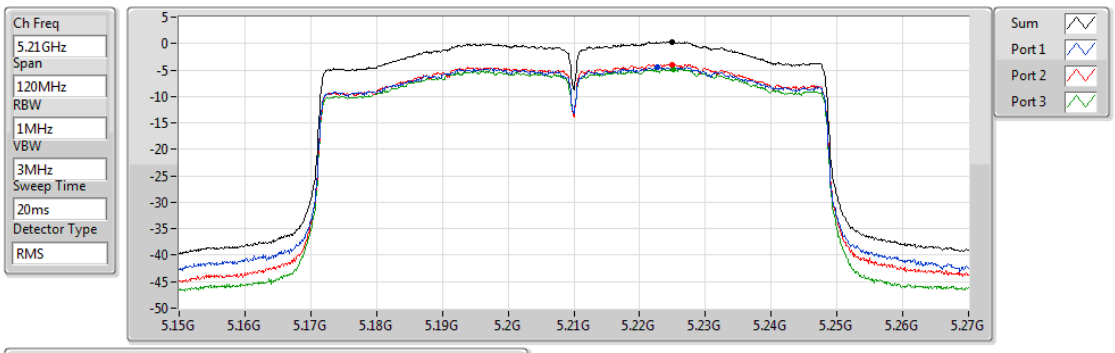
5795MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.25	8.25	2.79	2.39	5.04

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

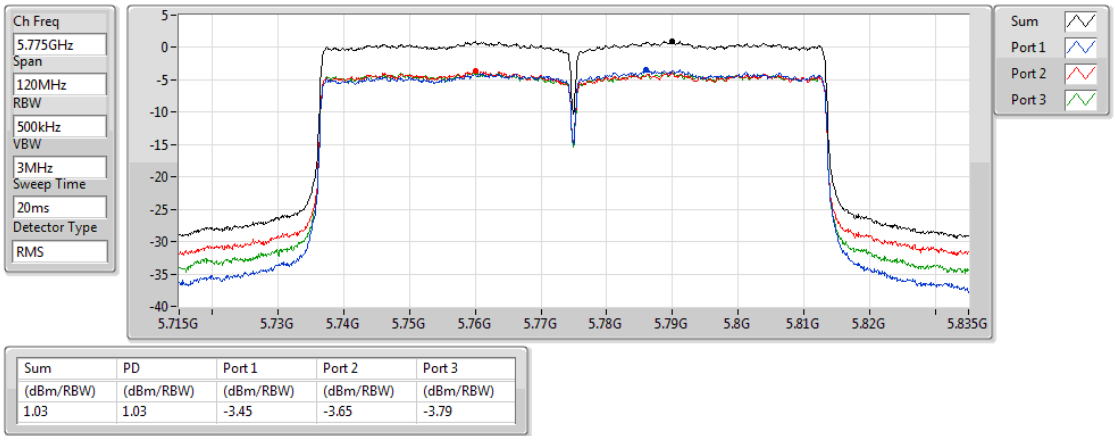
5210MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.30	0.30	-4.51	-3.92	-4.78

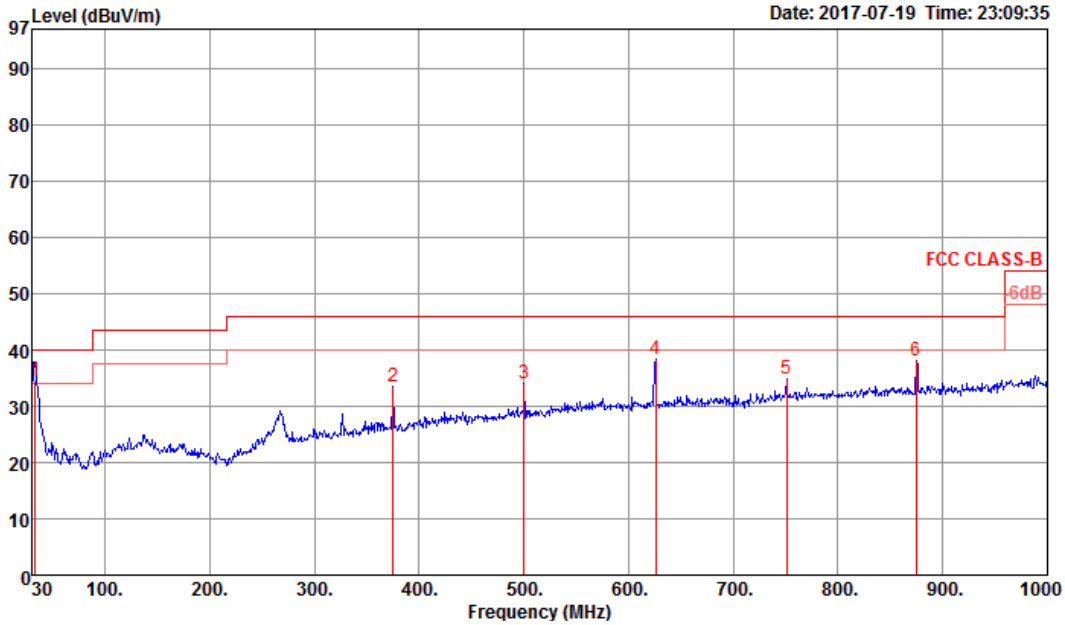
802.11ac VHT80-BF_Nss1,(MCS0)_3TX **PSD**

5775MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.03	1.03	-3.45	-3.65	-3.79

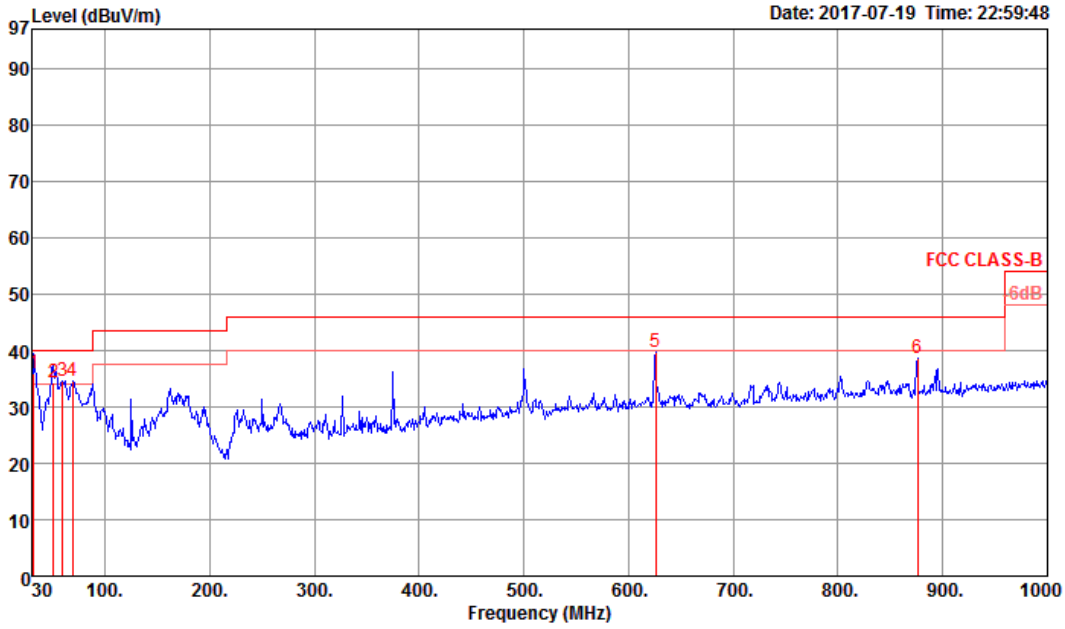
RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	Normal Link		



	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	32.91	34.50	40.00	-5.50	37.39	2.14	23.55	28.58	150	65	QP	HORIZONTAL
2	375.32	33.38	46.00	-12.62	38.13	3.04	20.73	28.52	100	0	Peak	HORIZONTAL
3	500.45	34.02	46.00	-11.98	36.39	3.45	23.46	29.28	100	0	Peak	HORIZONTAL
4	625.58	38.44	46.00	-7.56	38.95	3.80	25.06	29.37	100	0	Peak	HORIZONTAL
5	750.71	34.91	46.00	-11.09	34.17	4.15	25.78	29.19	100	0	Peak	HORIZONTAL
6	874.87	38.13	46.00	-7.87	36.11	4.48	26.41	28.87	100	0	Peak	HORIZONTAL

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

RSE below 1GHz Result			
Operating Mode	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	31.94	35.90	40.00	-4.10	38.59	2.12	23.77	28.58	125	129	QP	VERTICAL
2	50.37	34.20	40.00	-5.80	46.55	2.16	14.06	28.57	125	322	QP	VERTICAL
3	59.10	34.61	40.00	-5.39	48.74	2.17	12.23	28.53	400	360	Peak	VERTICAL
4	68.80	34.60	40.00	-5.40	48.63	2.20	12.27	28.50	400	360	Peak	VERTICAL
5	625.58	39.62	46.00	-6.38	40.13	3.80	25.06	29.37	400	360	Peak	VERTICAL
6	875.84	38.65	46.00	-7.35	36.63	4.48	26.41	28.87	400	360	Peak	VERTICAL

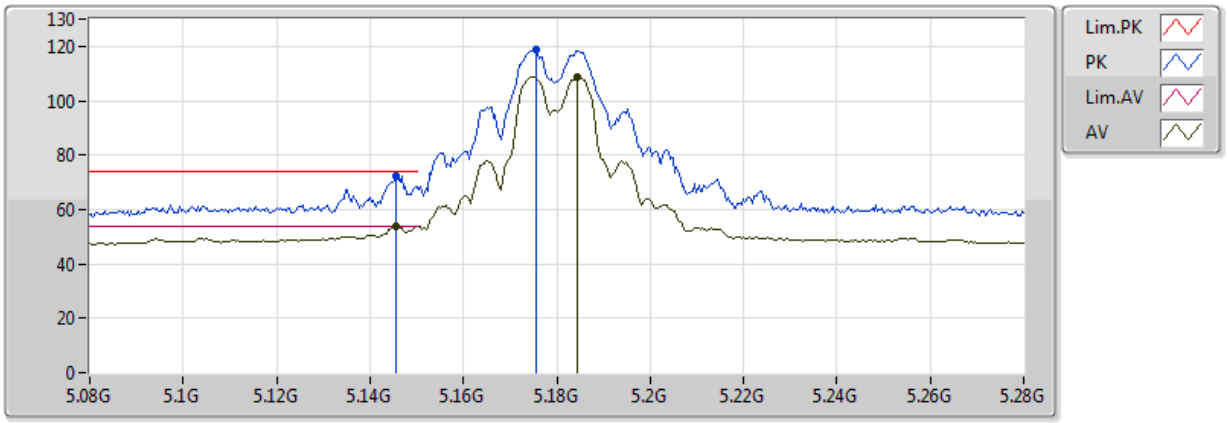
Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

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
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5.725-5.85GHz	Pass	PK	5.9362G	68.19	68.20	-0.01	8.85	3	V	342	1.56	-

802.11a_(6Mbps)_3TX

5180MHz_TX

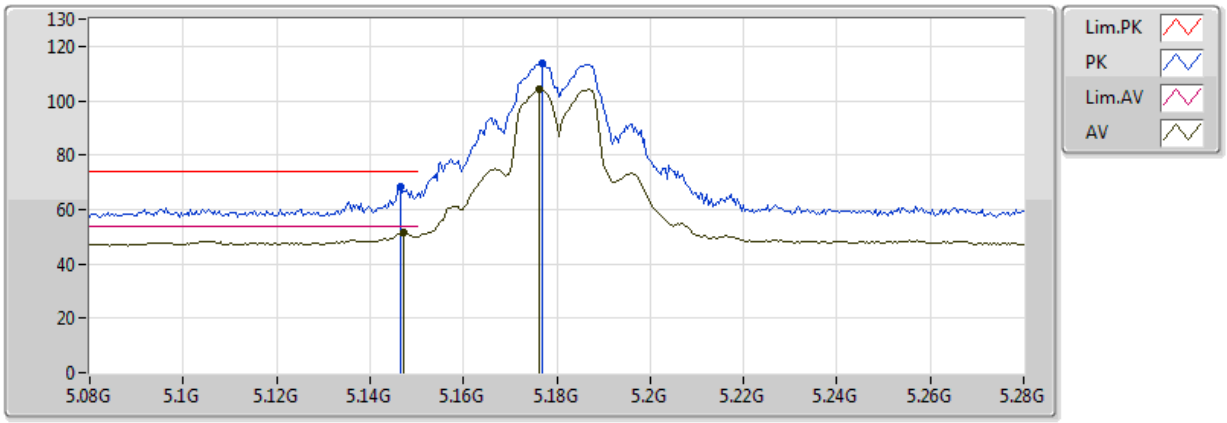


20170616
EUT Y_3TX
Setting 66
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1456G	53.85	54.00	-0.15	9.02	3	V	1	2.43	-
AV	5.1844G	108.71	Inf	-Inf	9.12	3	V	1	2.43	-
PK	5.1456G	72.47	74.00	-1.53	9.02	3	V	1	2.43	-
PK	5.1756G	118.70	Inf	-Inf	9.10	3	V	1	2.43	-

802.11a_(6Mbps)_3TX

5180MHz_TX

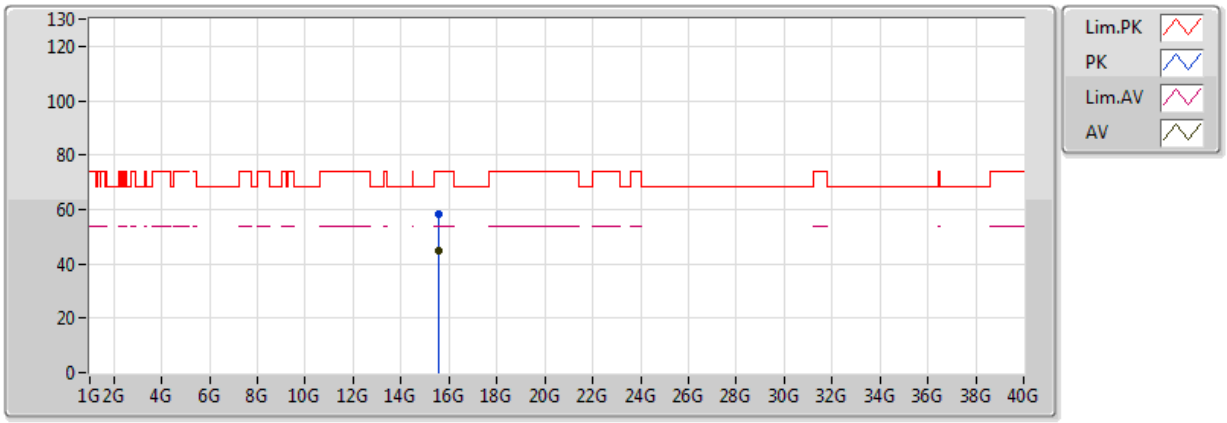


20170616
EUT Y_3TX
Setting 66
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1472G	51.28	54.00	-2.72	9.03	3	H	4	1.72	-
AV	5.1764G	104.28	Inf	-Inf	9.10	3	H	4	1.72	-
PK	5.1464G	68.33	74.00	-5.67	9.03	3	H	4	1.72	-
PK	5.1768G	113.67	Inf	-Inf	9.10	3	H	4	1.72	-

802.11a_(6Mbps)_3TX

5180MHz_TX

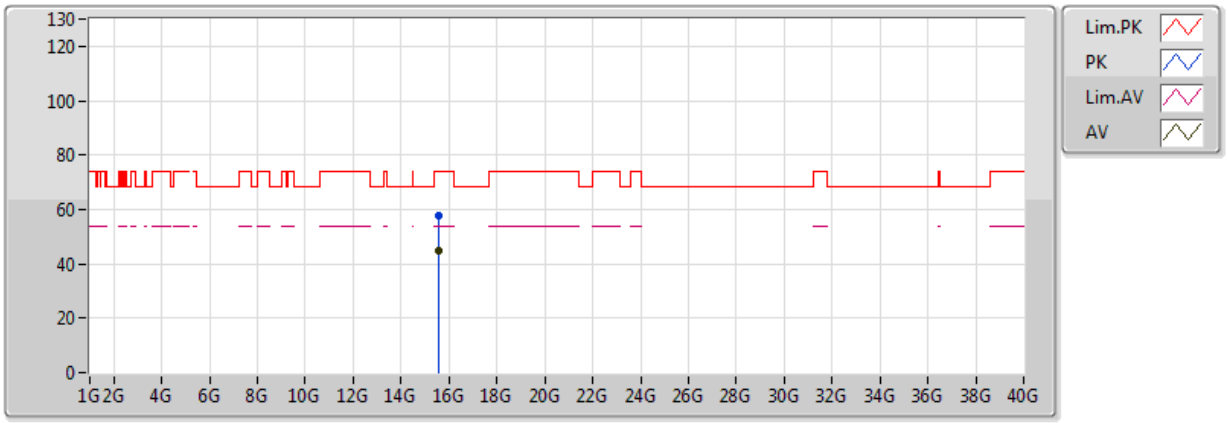


20170616
EUT Y_3TX
Setting 66
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.542784G	44.83	54.00	-9.17	18.02	3	V	24	1.02	-
PK	15.54246G	58.12	74.00	-15.88	18.02	3	V	24	1.02	-

802.11a_(6Mbps)_3TX

5180MHz_TX

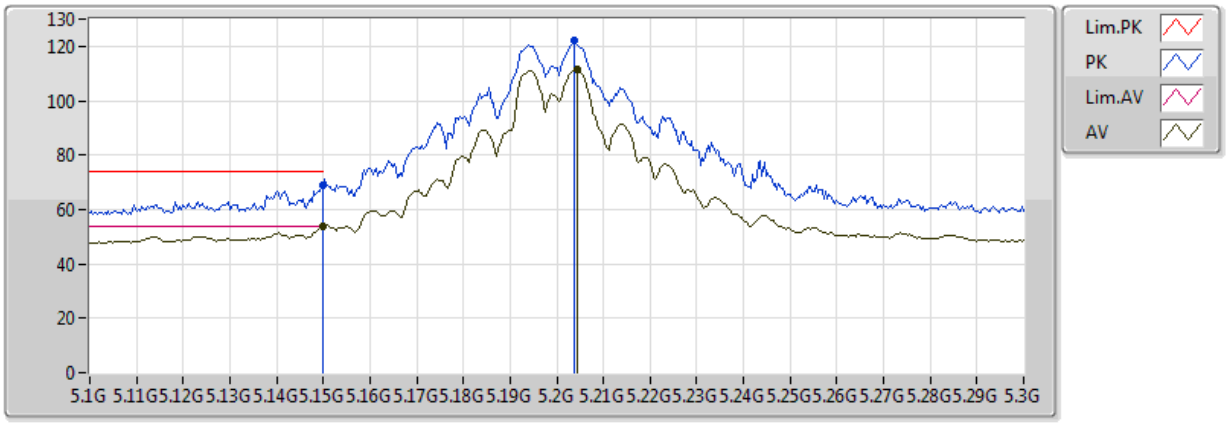


20170616
EUT Y_3TX
Setting 66
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.539952G	44.56	54.00	-9.44	18.03	3	H	164	1.57	-
PK	15.539484G	57.93	74.00	-16.07	18.03	3	H	164	1.57	-

802.11a_(6Mbps)_3TX

5200MHz_TX

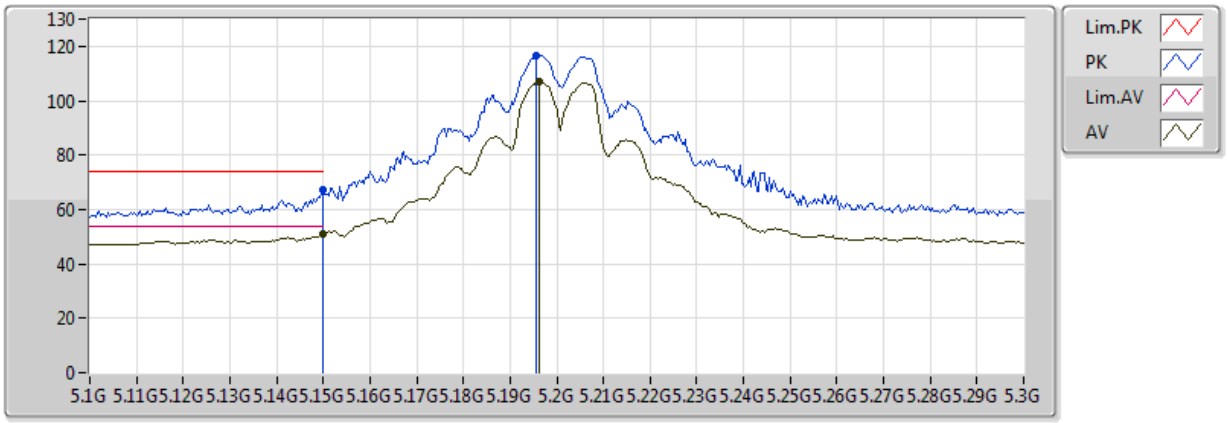


20170616
EUT Y_3TX
Setting 79
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.98	54.00	-0.02	9.03	3	V	1	2.75	-
AV	5.2044G	111.49	Inf	-Inf	9.17	3	V	1	2.75	-
PK	5.149995G	69.12	74.00	-4.88	9.03	3	V	1	2.75	-
PK	5.2036G	122.21	Inf	-Inf	9.17	3	V	1	2.75	-

802.11a_(6Mbps)_3TX

5200MHz_TX

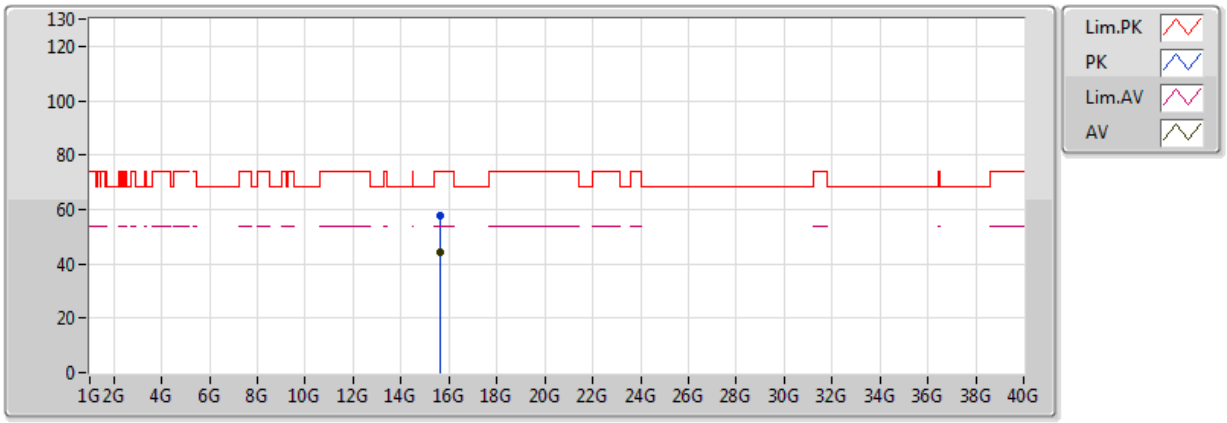


20170616
EUT Y_3TX
Setting 79
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	50.92	54.00	-3.08	9.03	3	H	1	1.81	-
AV	5.1964G	107.19	Inf	-Inf	9.15	3	H	1	1.81	-
PK	5.149995G	67.31	74.00	-6.69	9.03	3	H	1	1.81	-
PK	5.1956G	116.69	Inf	-Inf	9.15	3	H	1	1.81	-

802.11a_(6Mbps)_3TX

5200MHz_TX

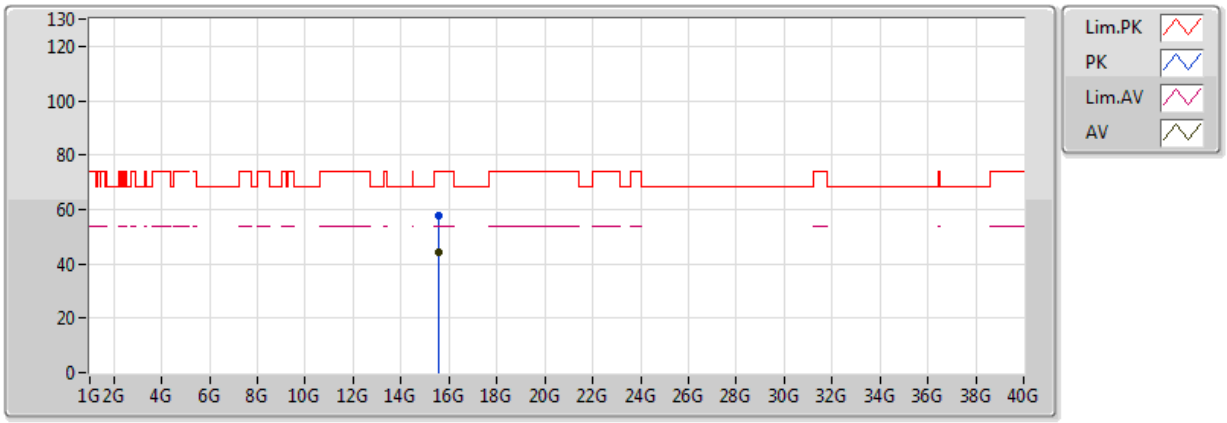


20170616
EUT Y_3TX
Setting 79
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.60157G	44.42	54.00	-9.58	17.89	3	V	287	1.29	-
PK	15.60187G	57.89	74.00	-16.11	17.89	3	V	287	1.29	-

802.11a_(6Mbps)_3TX

5200MHz_TX

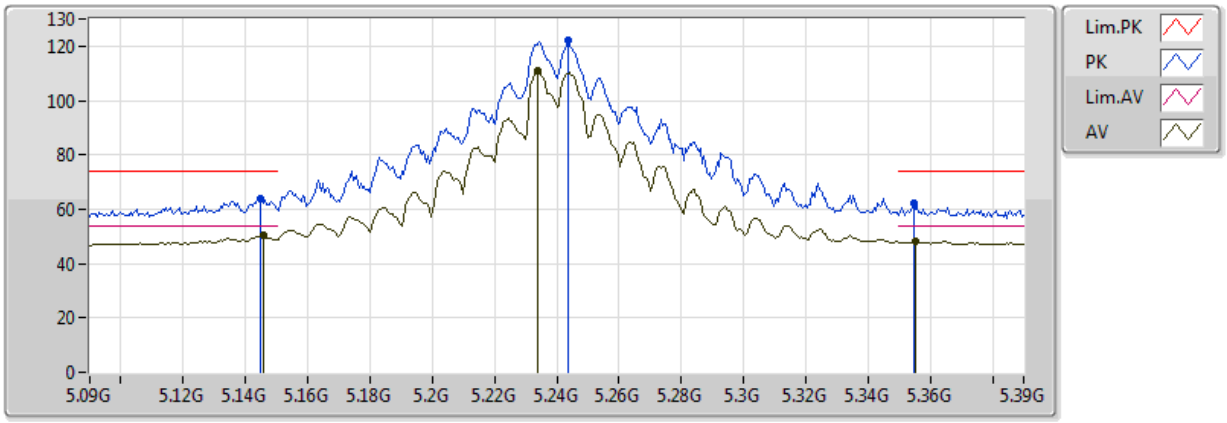


20170616
EUT Y_3TX
Setting 79
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.599984G	44.39	54.00	-9.61	17.90	3	H	222	1.47	-
PK	15.600472G	57.64	74.00	-16.36	17.90	3	H	222	1.47	-

802.11a_(6Mbps)_3TX

5240MHz_TX

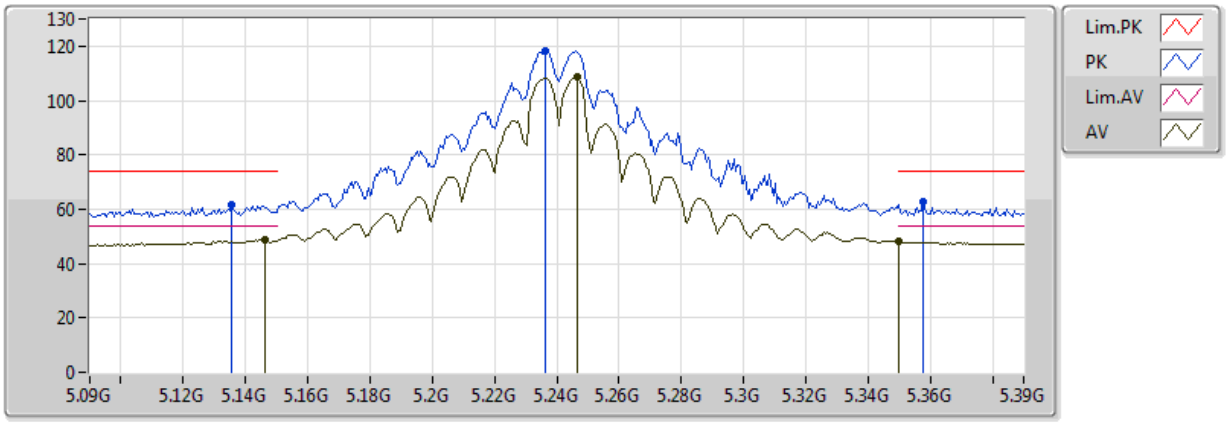


20170616
EUT Y_3TX
Setting 120(Max setting)
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1458G	50.19	54.00	-3.81	9.02	3	V	333	1.10	-
AV	5.234G	110.75	Inf	-Inf	9.22	3	V	333	1.10	-
AV	5.3552G	48.30	54.00	-5.70	9.44	3	V	333	1.10	-
PK	5.1446G	63.95	74.00	-10.05	9.02	3	V	333	1.10	-
PK	5.2436G	122.37	Inf	-Inf	9.24	3	V	333	1.10	-
PK	5.3546G	62.12	74.00	-11.88	9.44	3	V	333	1.10	-

802.11a_(6Mbps)_3TX

5240MHz_TX

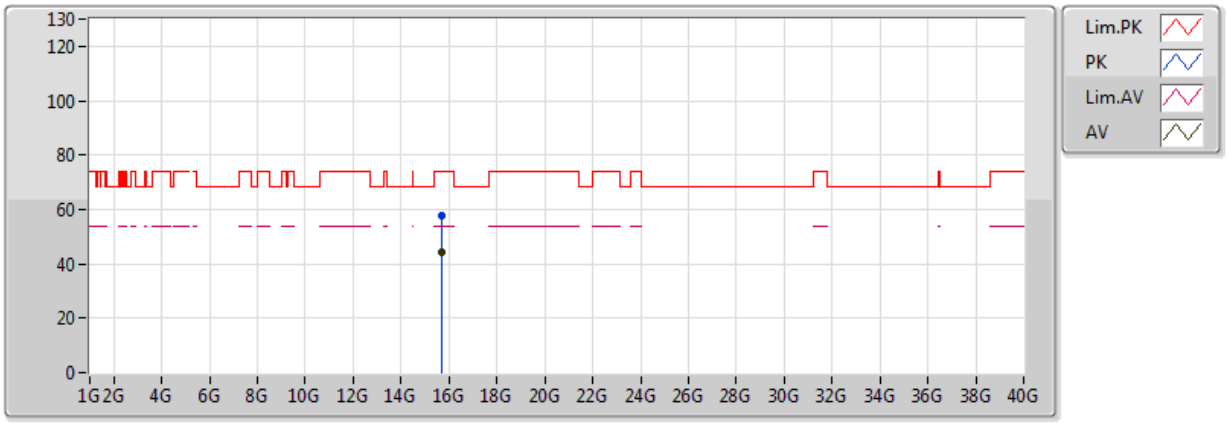


20170616
EUT Y_3TX
Setting 120(Max setting)
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1464G	48.86	54.00	-5.14	9.03	3	H	7	1.91	-
AV	5.2466G	108.43	Inf	-Inf	9.25	3	H	7	1.91	-
AV	5.350005G	48.01	54.00	-5.99	9.44	3	H	7	1.91	-
PK	5.1356G	61.67	74.00	-12.33	9.00	3	H	7	1.91	-
PK	5.2364G	118.51	Inf	-Inf	9.23	3	H	7	1.91	-
PK	5.3576G	62.57	74.00	-11.43	9.45	3	H	7	1.91	-

802.11a_(6Mbps)_3TX

5240MHz_TX

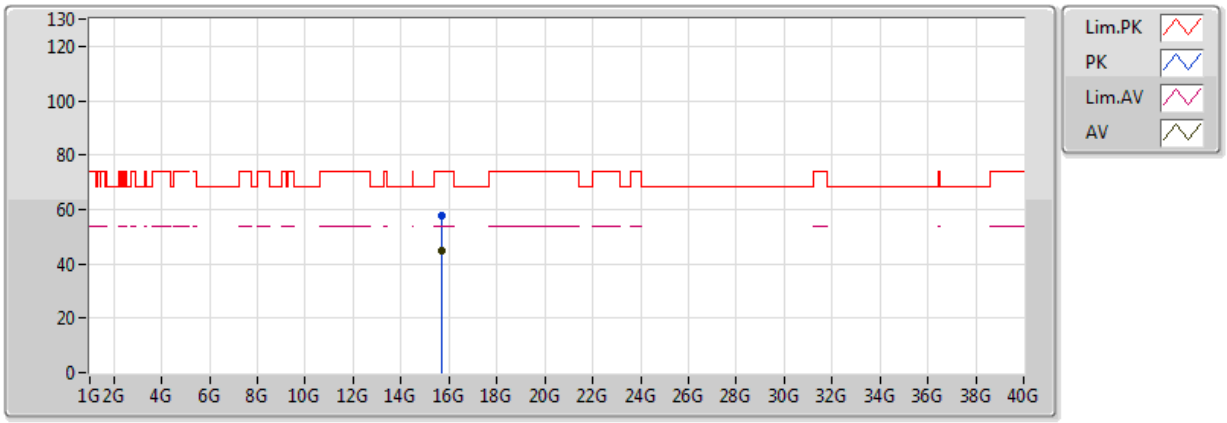


20170616
EUT Y_3TX
Setting 120(Max setting)
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.72388G	44.48	54.00	-9.52	17.63	3	V	354	1.73	-
PK	15.71846G	57.87	74.00	-16.13	17.64	3	V	354	1.73	-

802.11a_(6Mbps)_3TX

5240MHz_TX

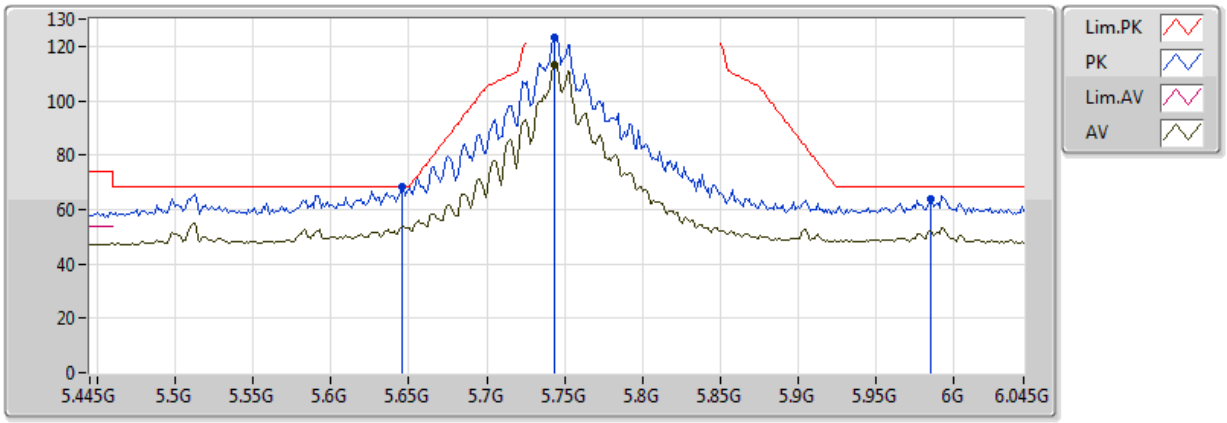


20170616
EUT Y_3TX
Setting 120(Max setting)
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.719788G	44.57	54.00	-9.43	17.64	3	H	242	1.64	-
PK	15.719504G	57.80	74.00	-16.20	17.64	3	H	242	1.64	-

802.11a_(6Mbps)_3TX

5745MHz_TX

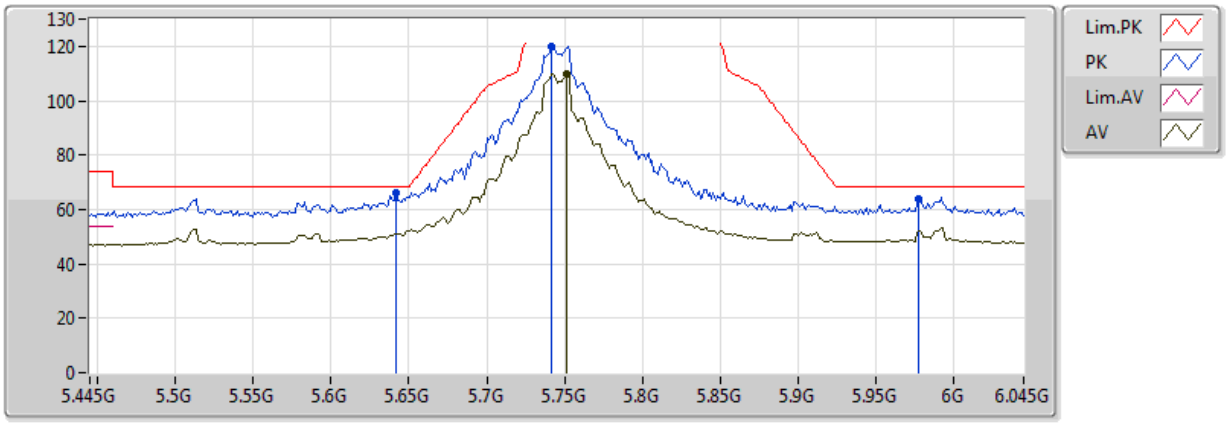


20170616
EUT Y_3TX
Setting 110
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7438G	113.06	Inf	-Inf	9.91	3	V	355	1.26	-
PK	5.6454G	68.09	68.20	-0.11	9.89	3	V	355	1.26	-
PK	5.7438G	123.42	Inf	-Inf	9.91	3	V	355	1.26	-
PK	5.985G	63.64	68.20	-4.56	10.18	3	V	355	1.26	-

802.11a_(6Mbps)_3TX

5745MHz_TX

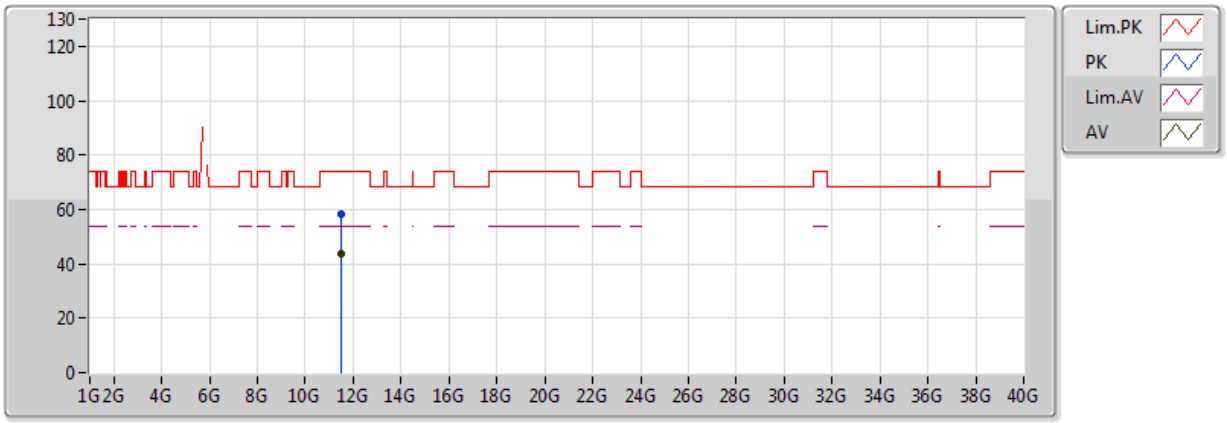


20170616
EUT Y_3TX
Setting 110
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.751G	109.91	Inf	-Inf	9.91	3	H	3	1.00	-
PK	5.6418G	66.09	68.20	-2.11	9.89	3	H	3	1.00	-
PK	5.7414G	119.80	Inf	-Inf	9.91	3	H	3	1.00	-
PK	5.9778G	63.92	68.20	-4.28	10.17	3	H	3	1.00	-

802.11a_(6Mbps)_3TX

5745MHz_TX

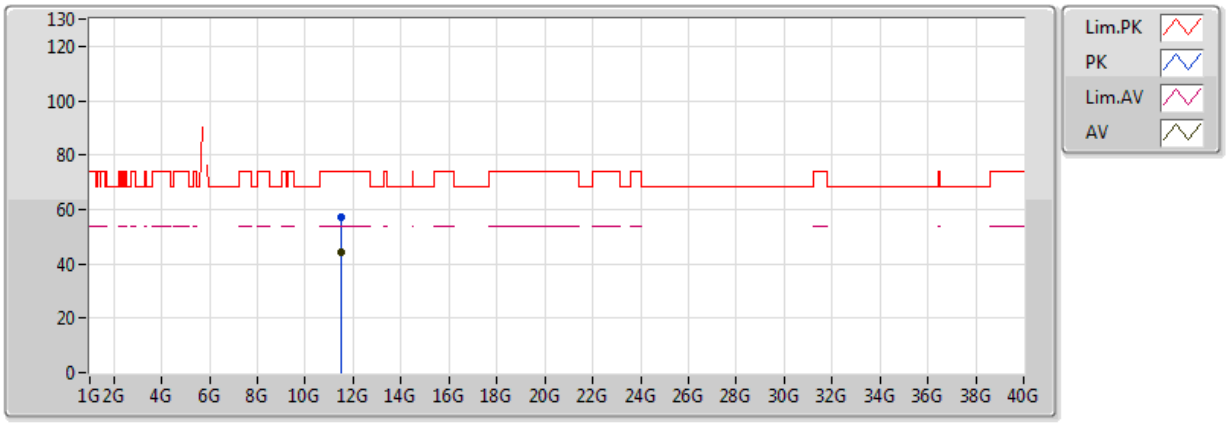


20170616
EUT Y_3TX
Setting 110
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49316G	43.68	54.00	-10.32	16.37	3	V	323	1.15	-
PK	11.49436G	58.20	74.00	-15.80	16.37	3	V	323	1.15	-

802.11a_(6Mbps)_3TX

5745MHz_TX

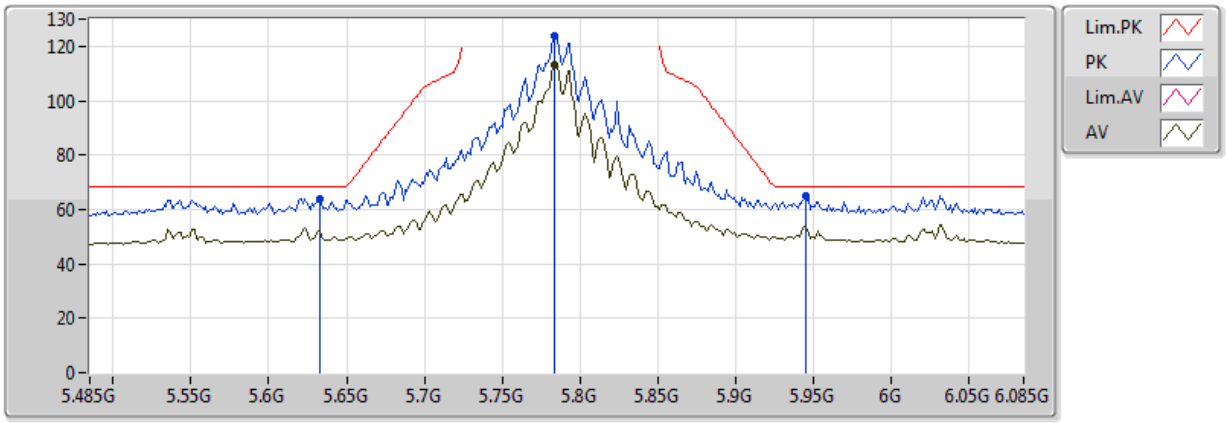


20170616
EUT Y_3TX
Setting 110
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49282G	44.08	54.00	-9.92	16.37	3	H	141	1.73	-
PK	11.48898G	57.42	74.00	-16.58	16.36	3	H	141	1.73	-

802.11a_(6Mbps)_3TX

5785MHz_TX

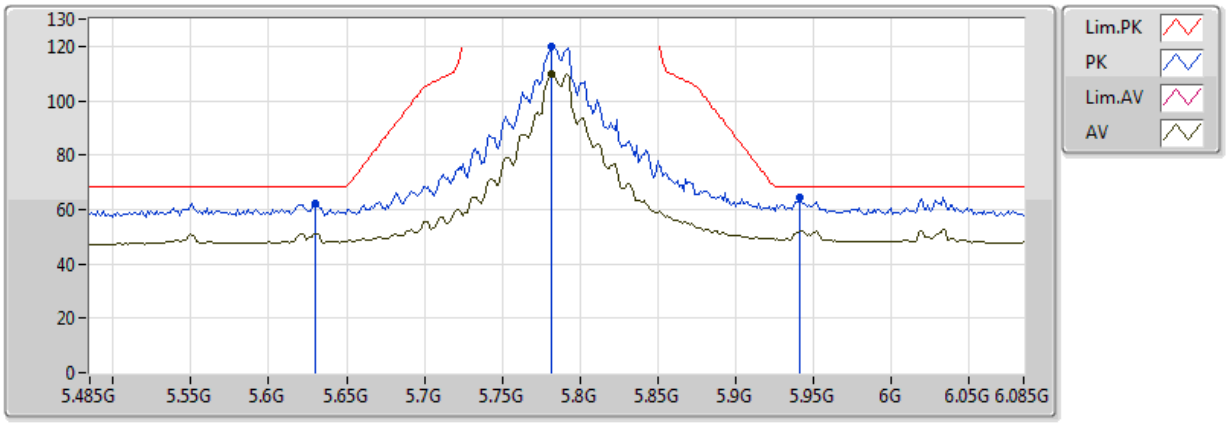


20170616
EUT Y_3TX
Setting 120(Max setting)
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7838G	113.24	Inf	-Inf	9.92	3	V	357	1.21	-
PK	5.6326G	63.90	68.20	-4.30	9.89	3	V	357	1.21	-
PK	5.7838G	124.03	Inf	-Inf	9.92	3	V	357	1.21	-
PK	5.9446G	65.09	68.20	-3.11	10.12	3	V	357	1.21	-

802.11a_(6Mbps)_3TX

5785MHz_TX

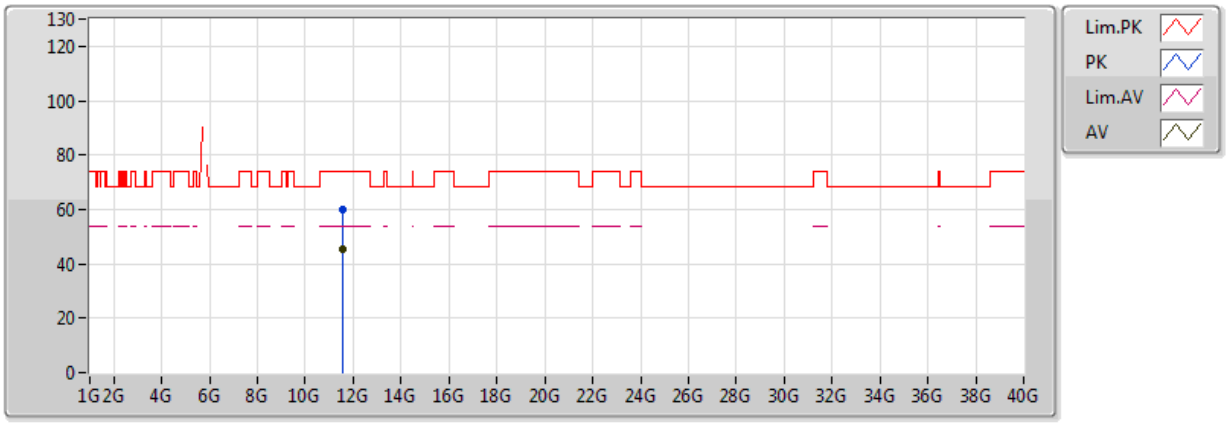


20170616
EUT Y_3TX
Setting 120(Max setting)
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7814G	109.86	Inf	-Inf	9.92	3	H	23	1.05	-
PK	5.6302G	62.26	68.20	-5.94	9.89	3	H	23	1.05	-
PK	5.7814G	119.87	Inf	-Inf	9.92	3	H	23	1.05	-
PK	5.941G	64.69	68.20	-3.51	10.12	3	H	23	1.05	-

802.11a_(6Mbps)_3TX

5785MHz_TX

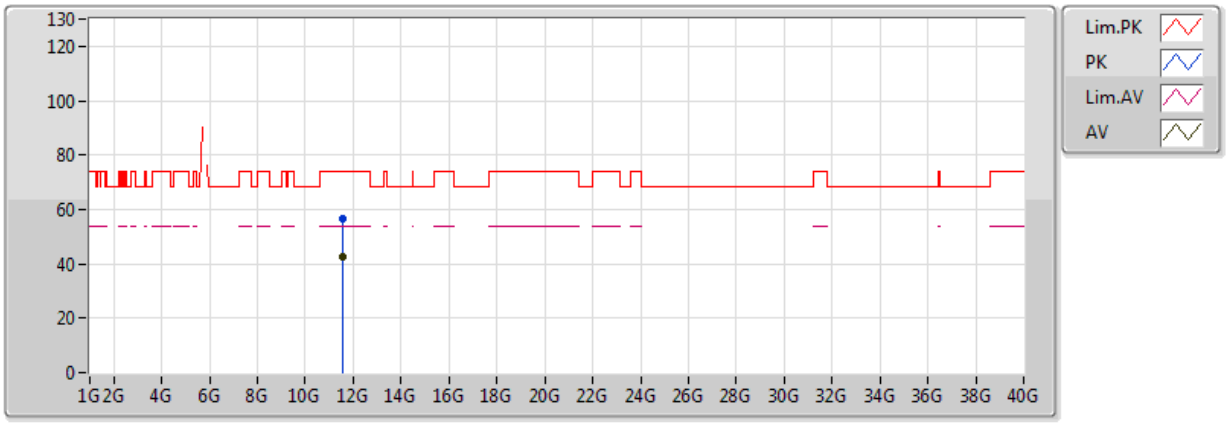


20170616
EUT Y_3TX
Setting 120(Max setting)
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57236G	45.43	54.00	-8.57	16.45	3	V	334	3.00	-
PK	11.57324G	59.95	74.00	-14.05	16.45	3	V	334	3.00	-

802.11a_(6Mbps)_3TX

5785MHz_TX

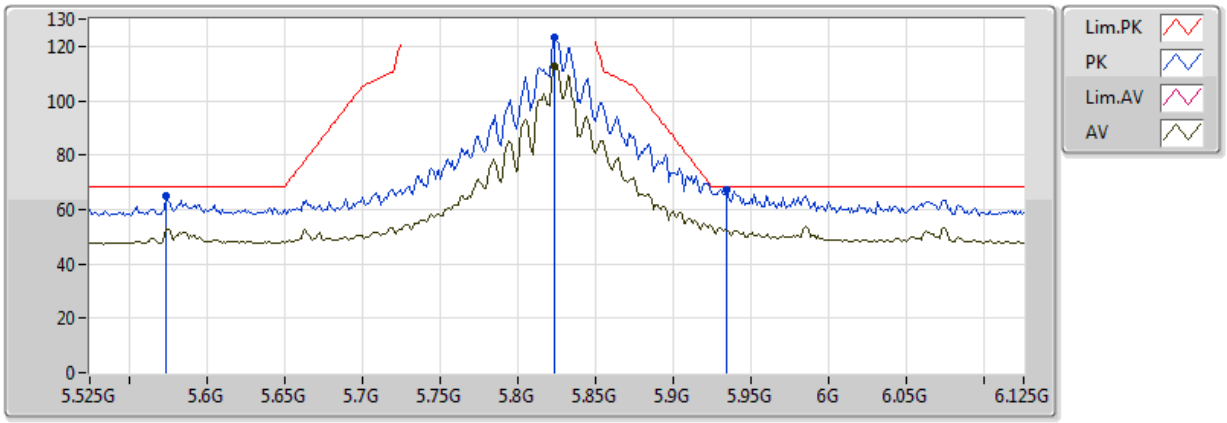


20170616
EUT Y_3TX
Setting 120(Max setting)
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57078G	42.84	54.00	-11.16	16.45	3	H	299	2.21	-
PK	11.5697G	56.72	74.00	-17.28	16.45	3	H	299	2.21	-

802.11a_(6Mbps)_3TX

5825MHz_TX

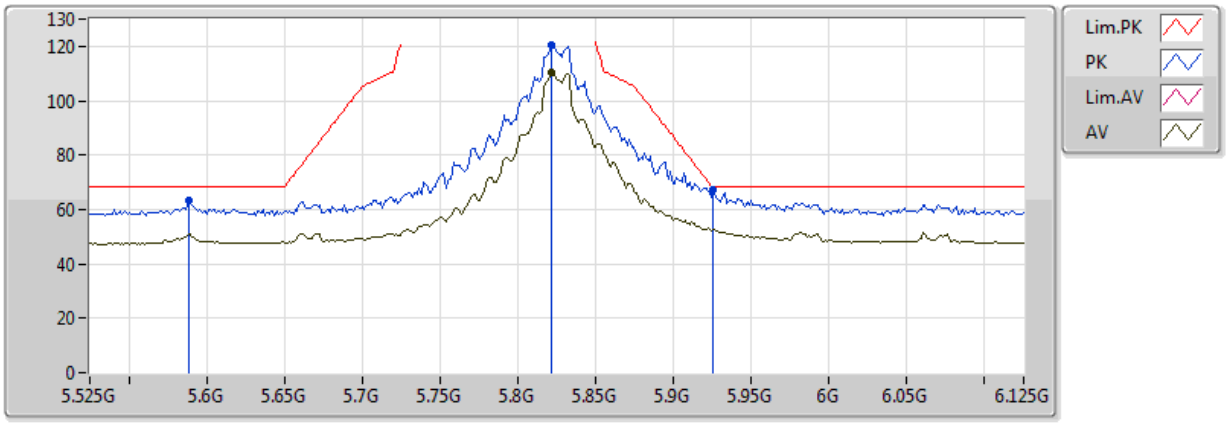


20170616
EUT Y_3TX
Setting 120(Max setting)
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.8238G	112.90	Inf	-Inf	9.95	3	V	358	1.10	-
PK	5.5742G	64.85	68.20	-3.35	9.86	3	V	358	1.10	-
PK	5.8238G	123.11	Inf	-Inf	9.95	3	V	358	1.10	-
PK	5.9342G	67.36	68.20	-0.84	10.11	3	V	358	1.10	-

802.11a_(6Mbps)_3TX

5825MHz_TX

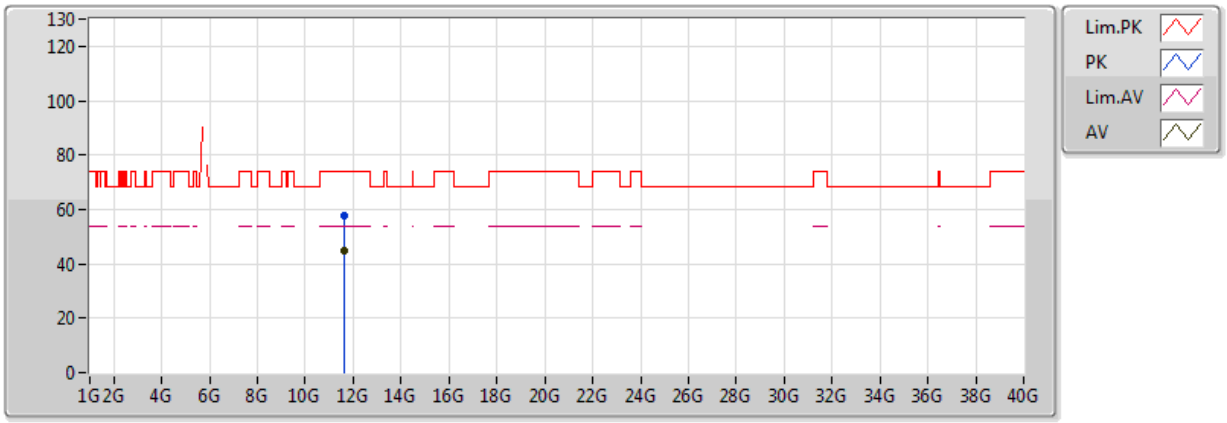


20170616
EUT Y_3TX
Setting 120(Max setting)
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.8214G	110.18	Inf	-Inf	9.95	3	H	18	1.00	-
PK	5.5886G	63.25	68.20	-4.95	9.87	3	H	18	1.00	-
PK	5.8214G	120.24	Inf	-Inf	9.95	3	H	18	1.00	-
PK	5.9258G	67.13	68.20	-1.07	10.10	3	H	18	1.00	-

802.11a_(6Mbps)_3TX

5825MHz_TX

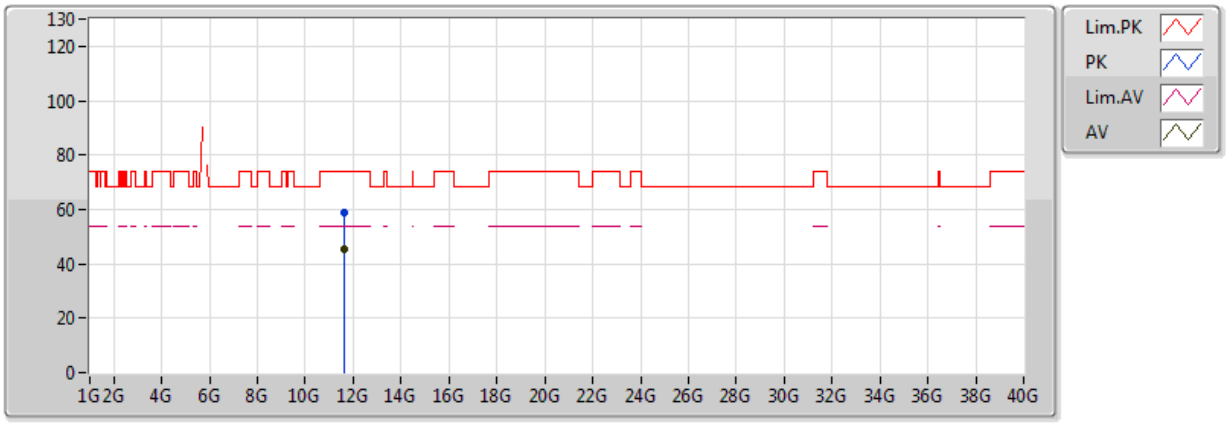


20170616
EUT Y_3TX
Setting 120(Max setting)
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65204G	44.73	54.00	-9.27	16.54	3	V	55	2.11	-
PK	11.65027G	57.68	74.00	-16.32	16.54	3	V	55	2.11	-

802.11a_(6Mbps)_3TX

5825MHz_TX

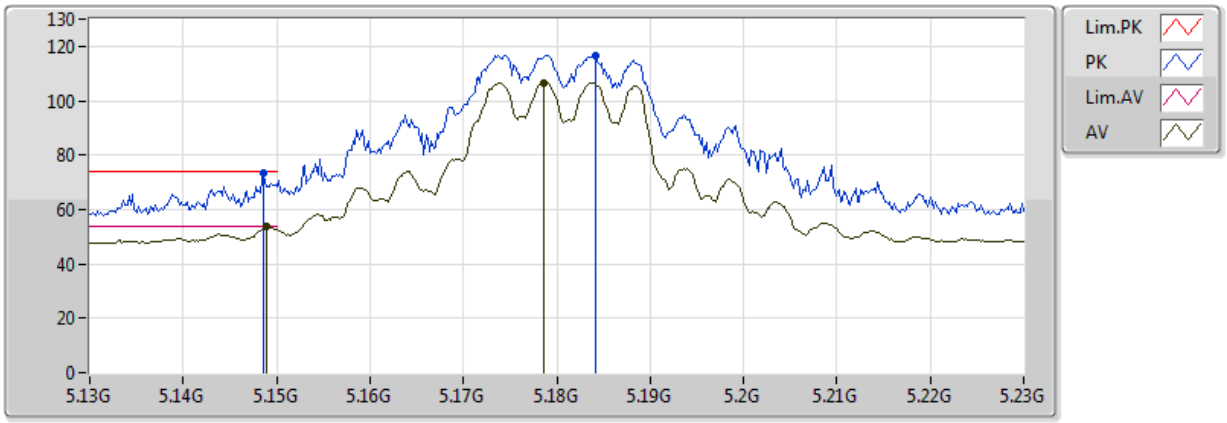


20170616
EUT Y_3TX
Setting 120(Max setting)
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65173G	45.54	54.00	-8.46	16.54	3	H	119	2.07	-
PK	11.65136G	58.66	74.00	-15.34	16.54	3	H	119	2.07	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5180MHz_TX

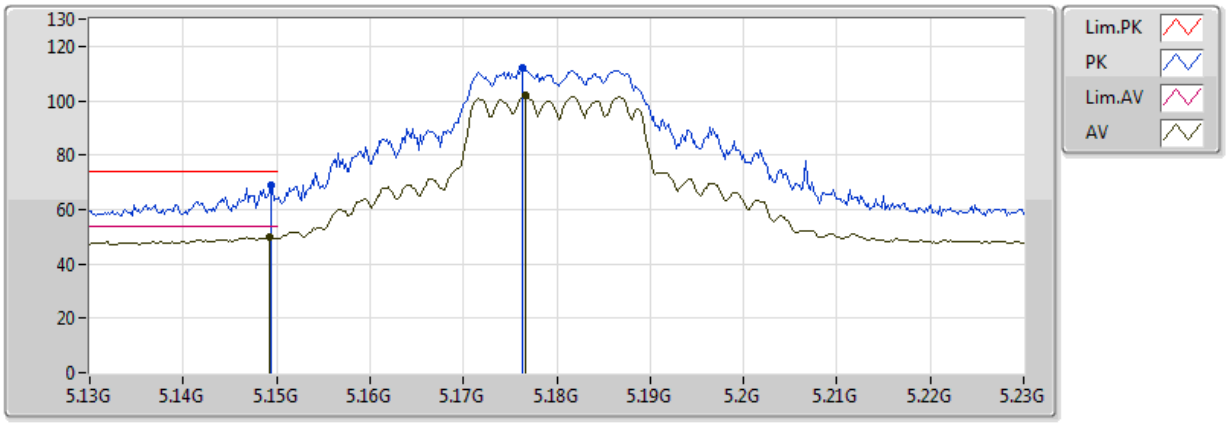


20170617
EUT Y_3TX
Setting 63
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149G	53.80	54.00	-0.20	9.03	3	V	359	2.66	-
AV	5.1786G	106.53	Inf	-Inf	9.11	3	V	359	2.66	-
PK	5.1486G	73.46	74.00	-0.54	9.03	3	V	359	2.66	-
PK	5.1842G	116.62	Inf	-Inf	9.12	3	V	359	2.66	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5180MHz_TX

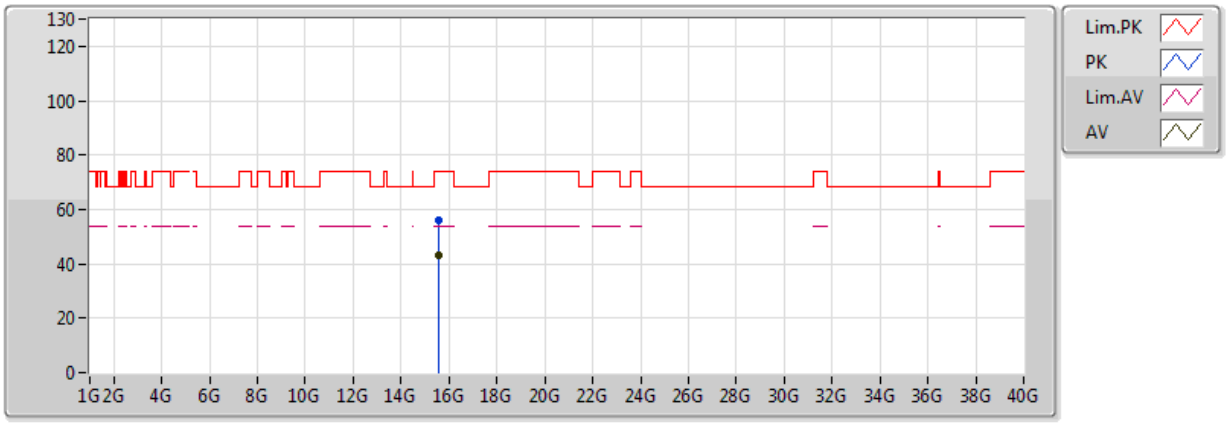


20170617
EUT Y_3TX
Setting 63
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1492G	50.12	54.00	-3.88	9.03	3	H	1	1.50	-
AV	5.1766G	102.05	Inf	-Inf	9.10	3	H	1	1.50	-
PK	5.1494G	69.06	74.00	-4.94	9.03	3	H	1	1.50	-
PK	5.1764G	112.04	Inf	-Inf	9.10	3	H	1	1.50	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5180MHz_TX

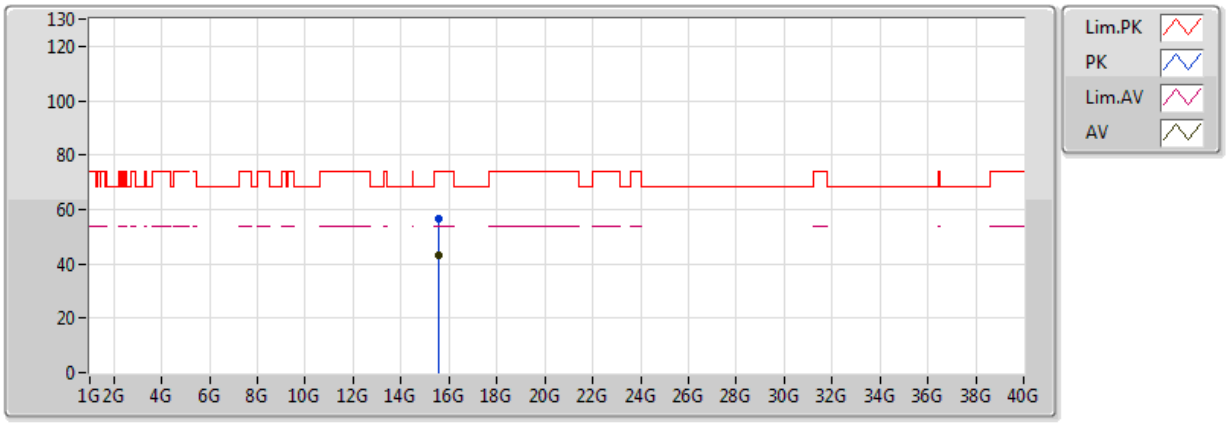


20170617
EUT Y_3TX
Setting 63
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.53909G	43.07	54.00	-10.93	18.03	3	V	99	1.69	-
PK	15.54055G	56.19	74.00	-17.81	18.03	3	V	99	1.69	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5180MHz_TX

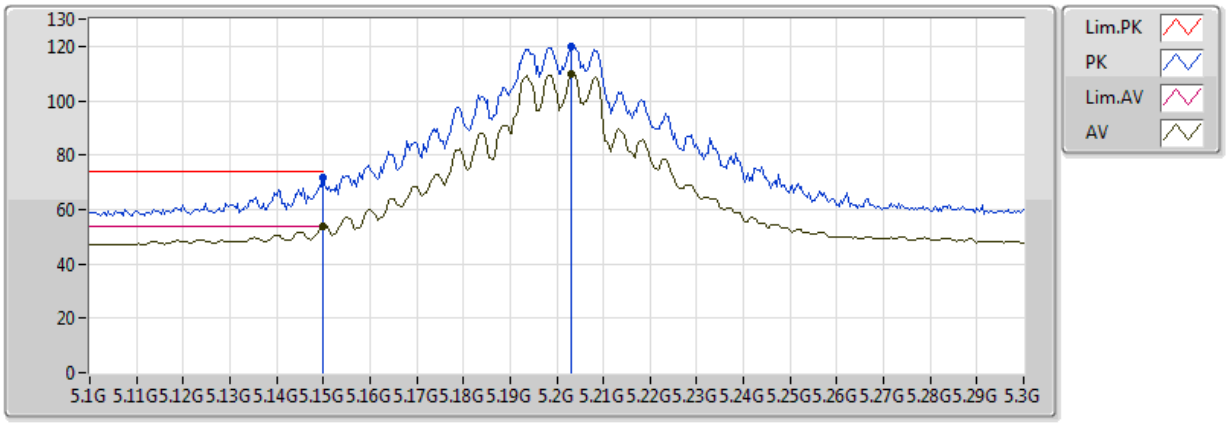


20170617
EUT Y_3TX
Setting 63
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.54057G	43.24	54.00	-10.76	18.03	3	H	203	2.18	-
PK	15.53947G	56.65	74.00	-17.35	18.03	3	H	203	2.18	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5200MHz_TX

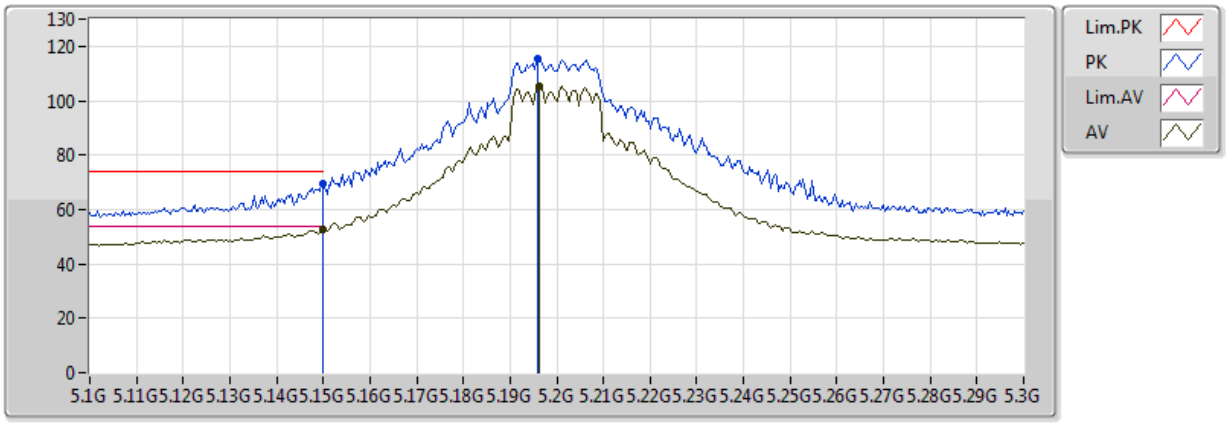


20170617
EUT Y_3TX
Setting 78
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.97	54.00	-0.03	9.03	3	V	1	2.64	-
AV	5.2032G	109.78	Inf	-Inf	9.17	3	V	1	2.64	-
PK	5.149995G	71.87	74.00	-2.13	9.03	3	V	1	2.64	-
PK	5.2032G	120.02	Inf	-Inf	9.17	3	V	1	2.64	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5200MHz_TX

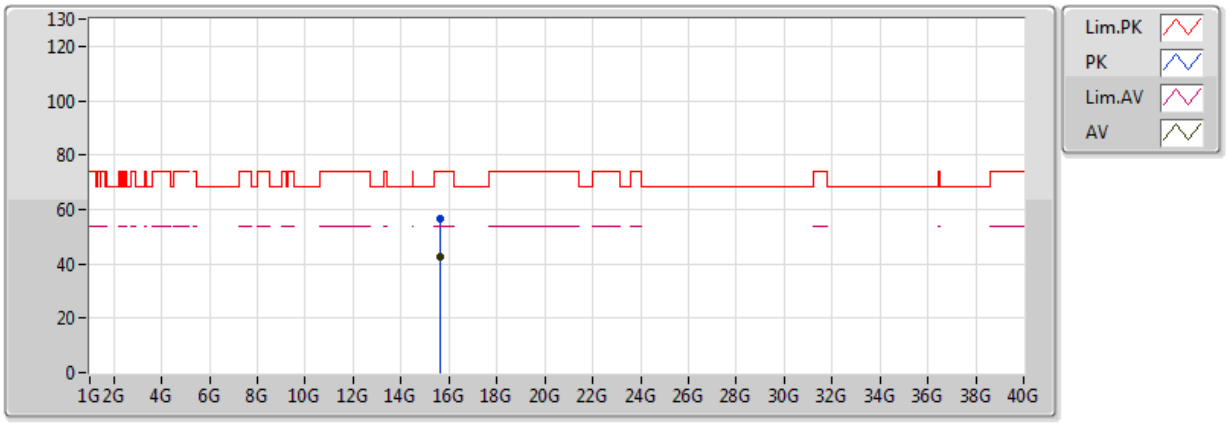


20170617
EUT Y_3TX
Setting 78
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	52.55	54.00	-1.45	9.03	3	H	11	1.57	-
AV	5.1964G	105.31	Inf	-Inf	9.15	3	H	11	1.57	-
PK	5.149995G	69.46	74.00	-4.54	9.03	3	H	11	1.57	-
PK	5.196G	115.23	Inf	-Inf	9.15	3	H	11	1.57	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5200MHz_TX

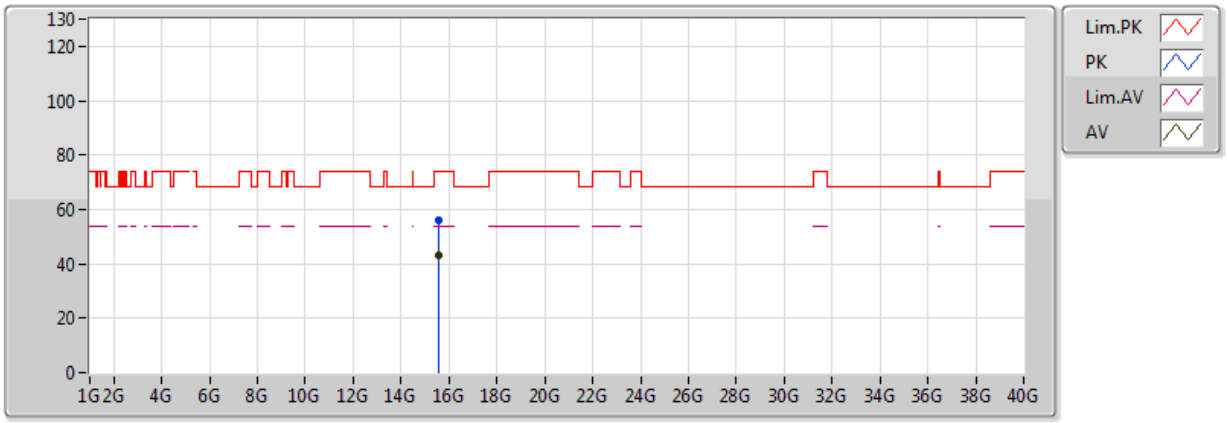


20170617
EUT Y_3TX
Setting 78
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.6018G	42.82	54.00	-11.18	17.89	3	V	214	1.92	-
PK	15.60155G	56.52	74.00	-17.48	17.89	3	V	214	1.92	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5200MHz_TX

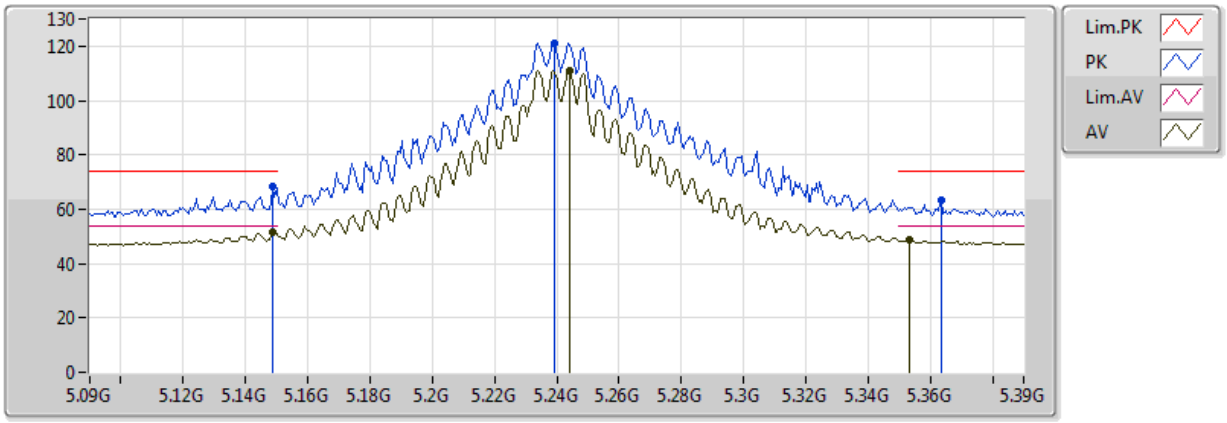


20170617
EUT Y_3TX
Setting 78
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.59884G	42.98	54.00	-11.02	17.90	3	H	263	2.47	-
PK	15.59838G	55.81	74.00	-18.19	17.90	3	H	263	2.47	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5240MHz_TX

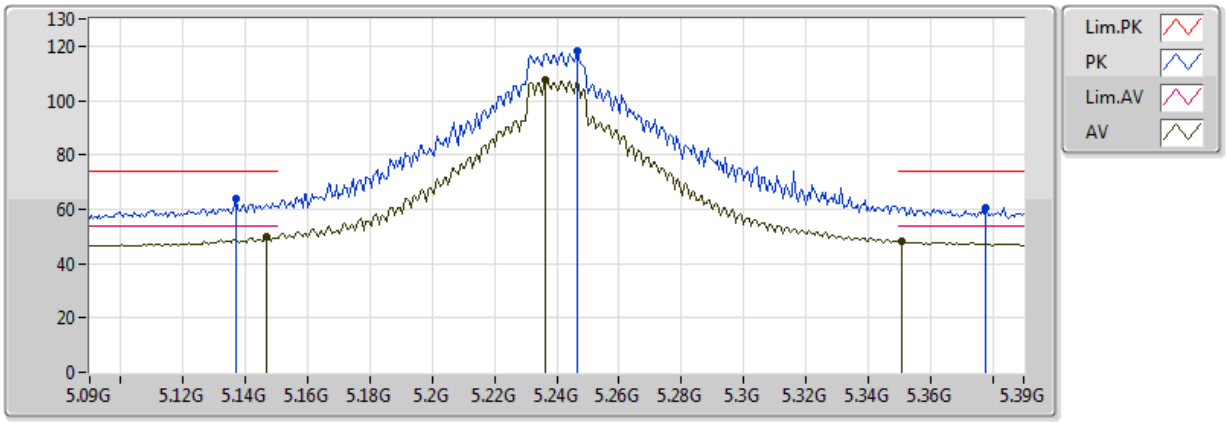


20170617
EUT Y_3TX
Setting 120(Max setting)
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1488G	51.40	54.00	-2.60	9.03	3	V	358	2.73	-
AV	5.2442G	111.12	Inf	-Inf	9.24	3	V	358	2.73	-
AV	5.3534G	48.98	54.00	-5.02	9.44	3	V	358	2.73	-
PK	5.1488G	68.11	74.00	-5.89	9.03	3	V	358	2.73	-
PK	5.2394G	121.27	Inf	-Inf	9.23	3	V	358	2.73	-
PK	5.3636G	63.19	74.00	-10.81	9.46	3	V	358	2.73	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5240MHz_TX

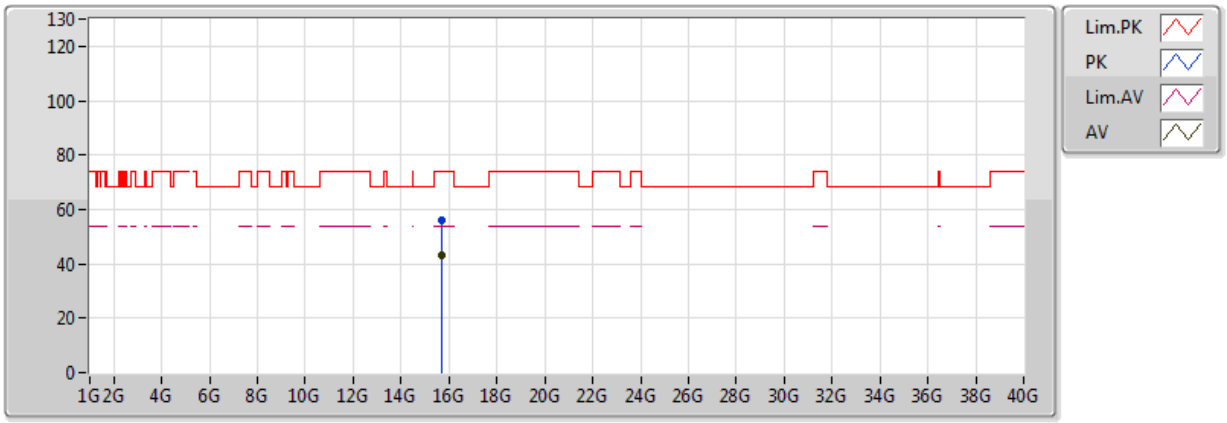


20170617
EUT Y_3TX
Setting 120(Max setting)
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.147G	49.68	54.00	-4.32	9.03	3	H	4	1.53	-
AV	5.2364G	107.55	Inf	-Inf	9.23	3	H	4	1.53	-
AV	5.351G	48.18	54.00	-5.82	9.44	3	H	4	1.53	-
PK	5.1368G	63.92	74.00	-10.08	9.00	3	H	4	1.53	-
PK	5.2466G	118.24	Inf	-Inf	9.25	3	H	4	1.53	-
PK	5.378G	60.50	74.00	-13.50	9.48	3	H	4	1.53	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5240MHz_TX

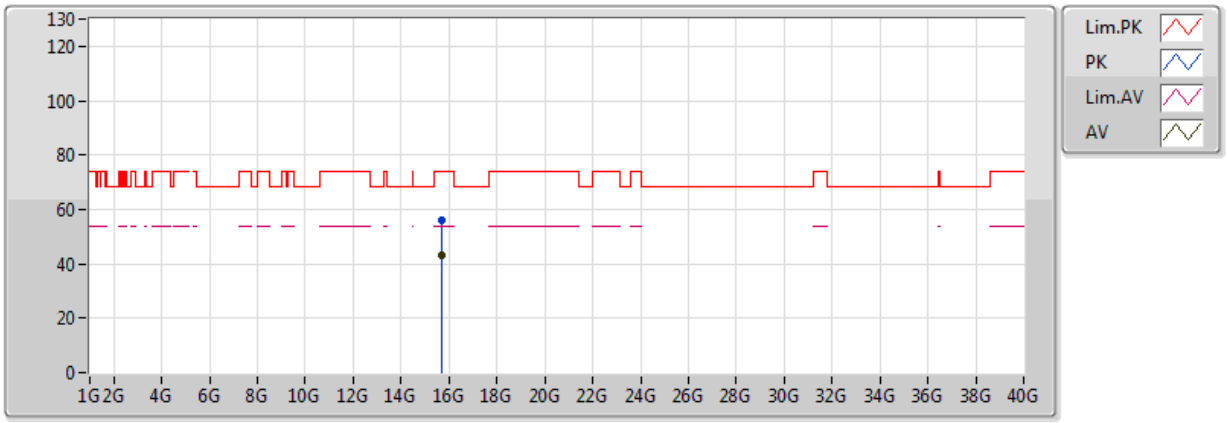


20170617
EUT Y_3TX
Setting 120(Max setting)
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.71824G	42.94	54.00	-11.06	17.64	3	V	334	2.29	-
PK	15.71853G	56.09	74.00	-17.91	17.64	3	V	334	2.29	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5240MHz_TX

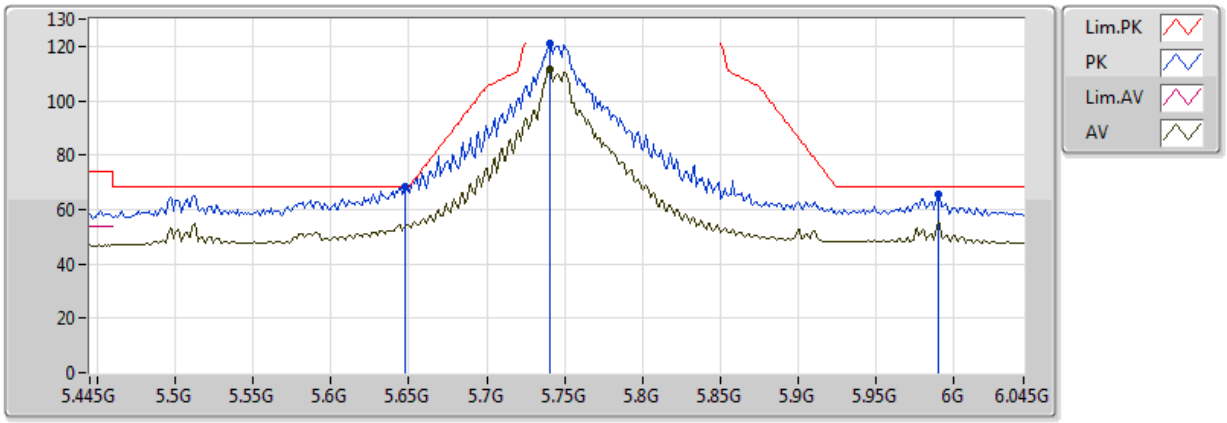


20170617
EUT Y_3TX
Setting 120(Max setting)
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.72225G	43.18	54.00	-10.82	17.63	3	H	356	1.93	-
PK	15.72103G	56.28	74.00	-17.72	17.64	3	H	356	1.93	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5745MHz_TX

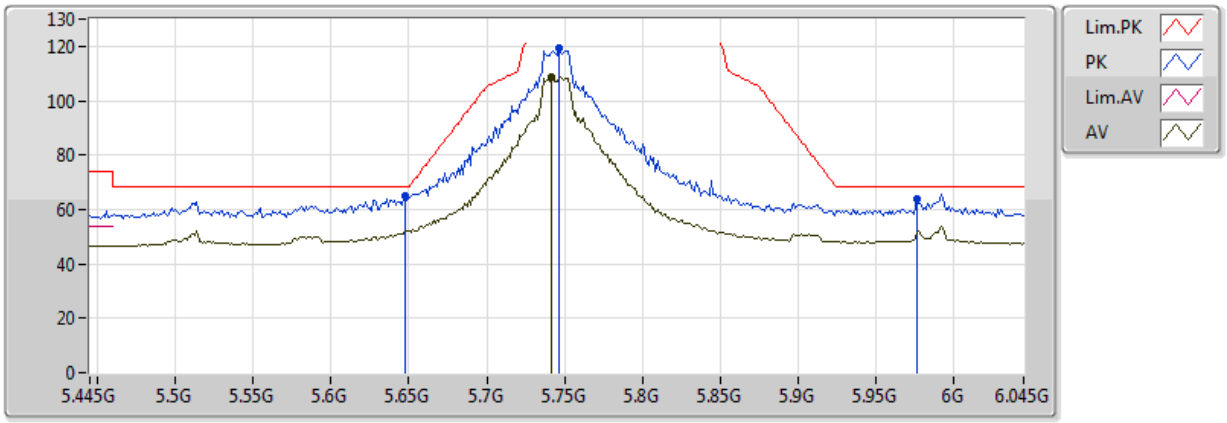


20170617
EUT Y_3TX
Setting 105
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7402G	111.32	Inf	-Inf	9.91	3	V	358	1.01	-
PK	5.6478G	68.17	68.20	-0.03	9.89	3	V	358	1.01	-
PK	5.7402G	120.92	Inf	-Inf	9.91	3	V	358	1.01	-
PK	5.9898G	65.35	68.20	-2.85	10.19	3	V	358	1.01	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5745MHz_TX

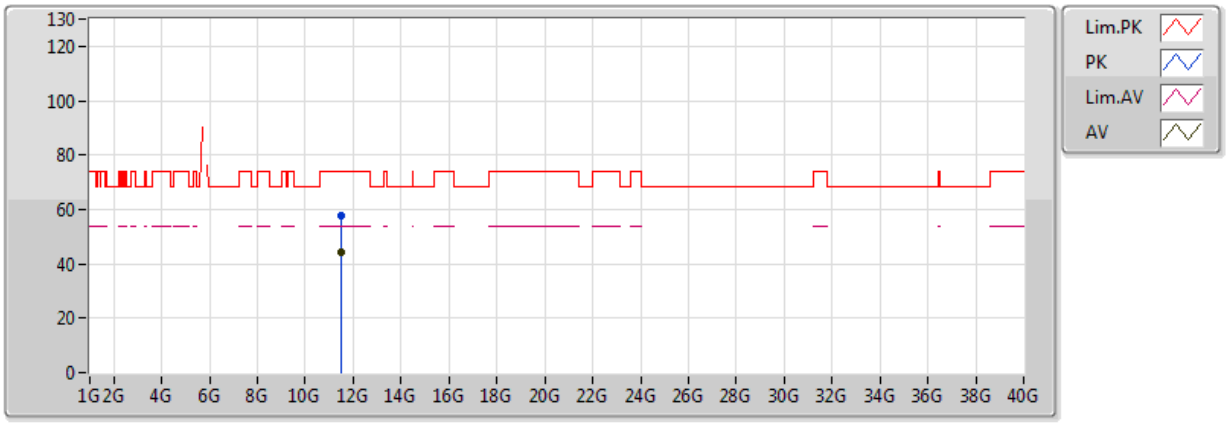


20170617
EUT Y_3TX
Setting 105
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7414G	108.76	Inf	-Inf	9.91	3	H	16	1.00	-
PK	5.6478G	64.80	68.20	-3.40	9.89	3	H	16	1.00	-
PK	5.7462G	119.33	Inf	-Inf	9.91	3	H	16	1.00	-
PK	5.9766G	63.78	68.20	-4.42	10.17	3	H	16	1.00	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5745MHz_TX

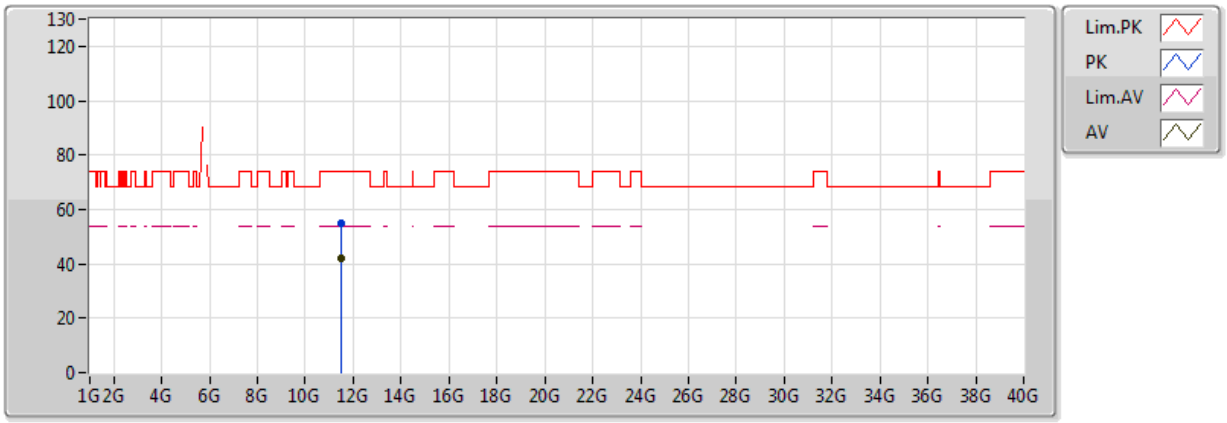


20170617
EUT Y_3TX
Setting 105
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.48854G	44.02	54.00	-9.98	16.36	3	V	337	2.98	-
PK	11.48849G	57.46	74.00	-16.54	16.36	3	V	337	2.98	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5745MHz_TX

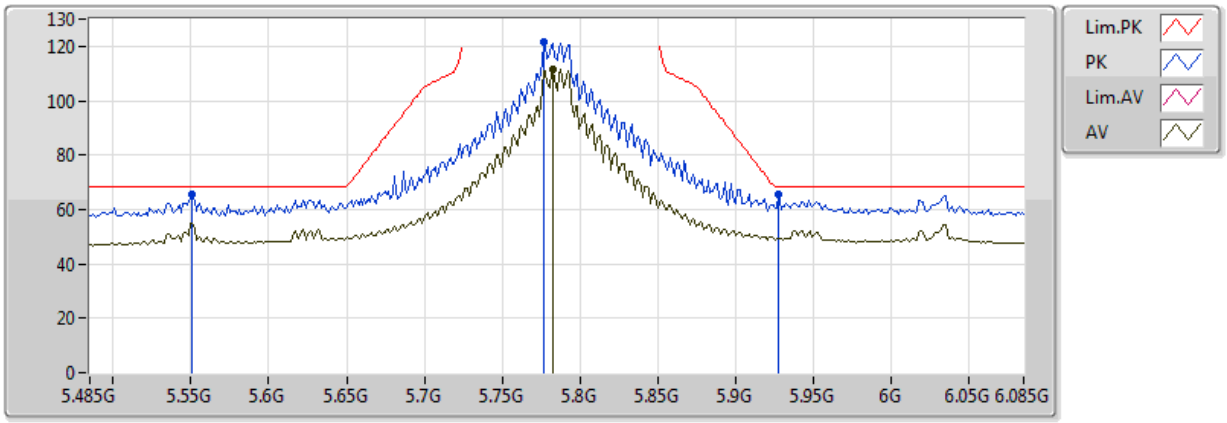


20170617
EUT Y_3TX
Setting 105
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.48897G	42.10	54.00	-11.90	16.36	3	H	149	1.11	-
PK	11.49198G	55.18	74.00	-18.82	16.37	3	H	149	1.11	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5785MHz_TX

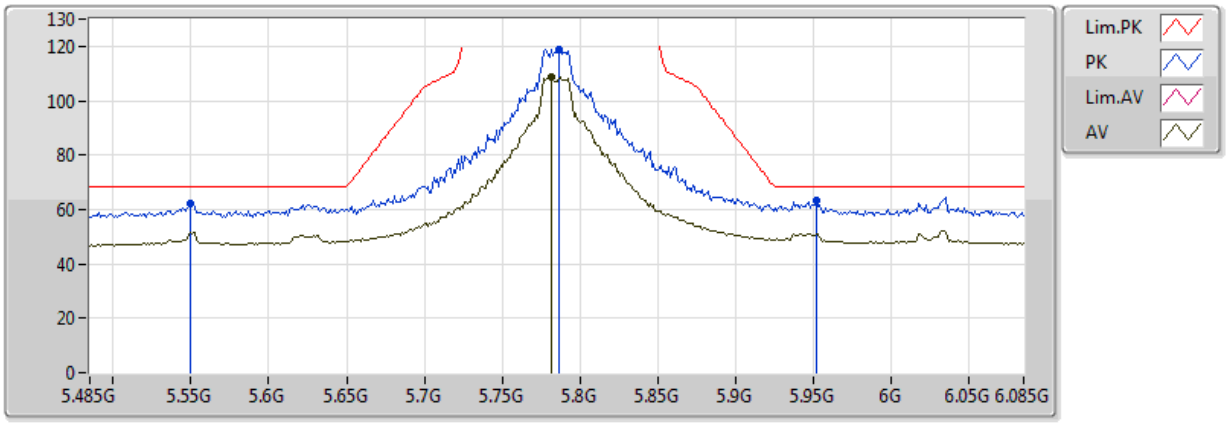


20170617
EUT Y_3TX
Setting 120(Max setting)
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7826G	111.47	Inf	-Inf	9.92	3	V	359	1.30	-
PK	5.551G	65.29	68.20	-2.91	9.84	3	V	359	1.30	-
PK	5.7766G	121.35	Inf	-Inf	9.92	3	V	359	1.30	-
PK	5.9278G	65.41	68.20	-2.79	10.10	3	V	359	1.30	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5785MHz_TX

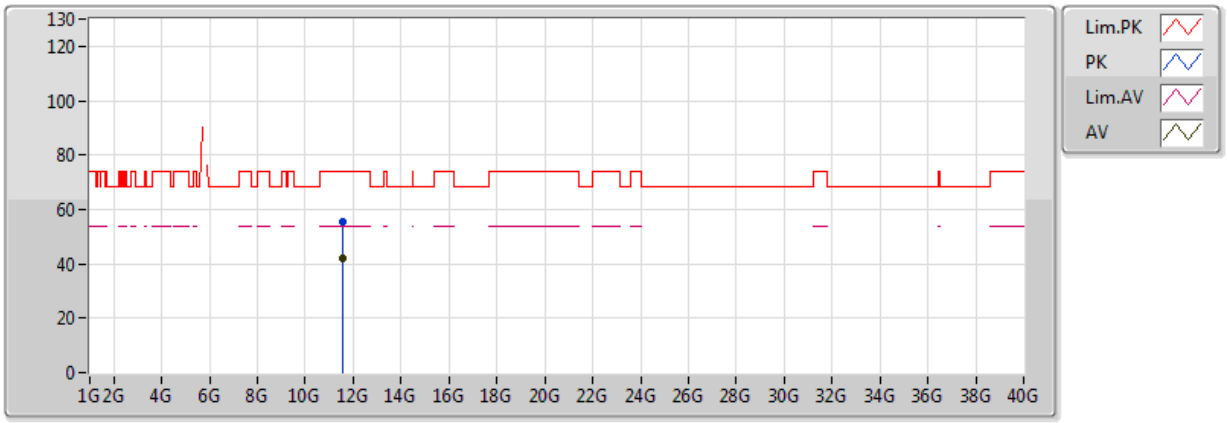


20170617
EUT Y_3TX
Setting 120(Max setting)
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7814G	108.64	Inf	-Inf	9.92	3	H	14	1.00	-
PK	5.5498G	62.47	68.20	-5.73	9.83	3	H	14	1.00	-
PK	5.7862G	118.90	Inf	-Inf	9.92	3	H	14	1.00	-
PK	5.9518G	63.38	68.20	-4.82	10.13	3	H	14	1.00	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5785MHz_TX

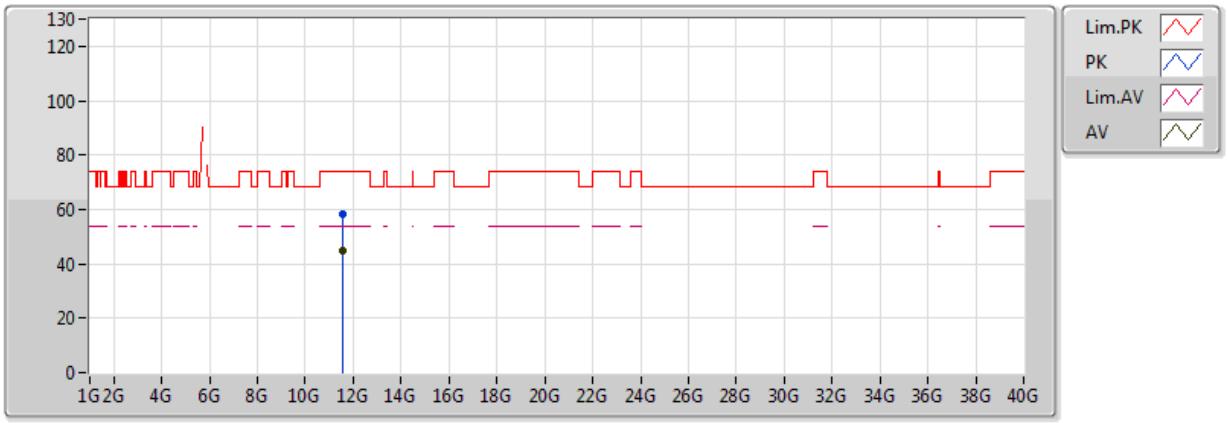


20170617
EUT Y_3TX
Setting 120(Max setting)
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.56761G	41.98	54.00	-12.02	16.45	3	V	115	1.25	-
PK	11.56877G	55.58	74.00	-18.42	16.45	3	V	115	1.25	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5785MHz_TX

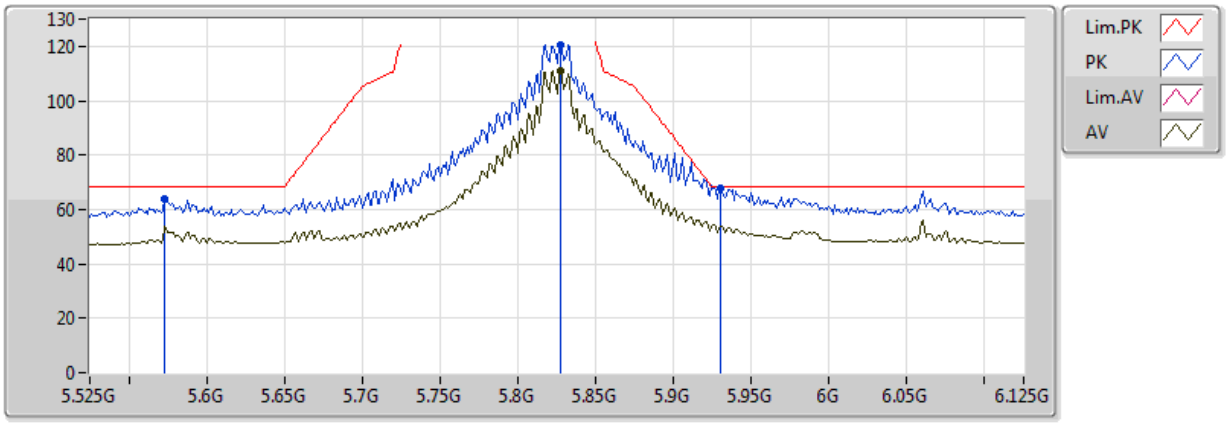


20170617
EUT Y_3TX
Setting 120(Max setting)
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.56832G	44.57	54.00	-9.43	16.45	3	H	139	1.98	-
PK	11.56816G	58.17	74.00	-15.83	16.45	3	H	139	1.98	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5825MHz_TX

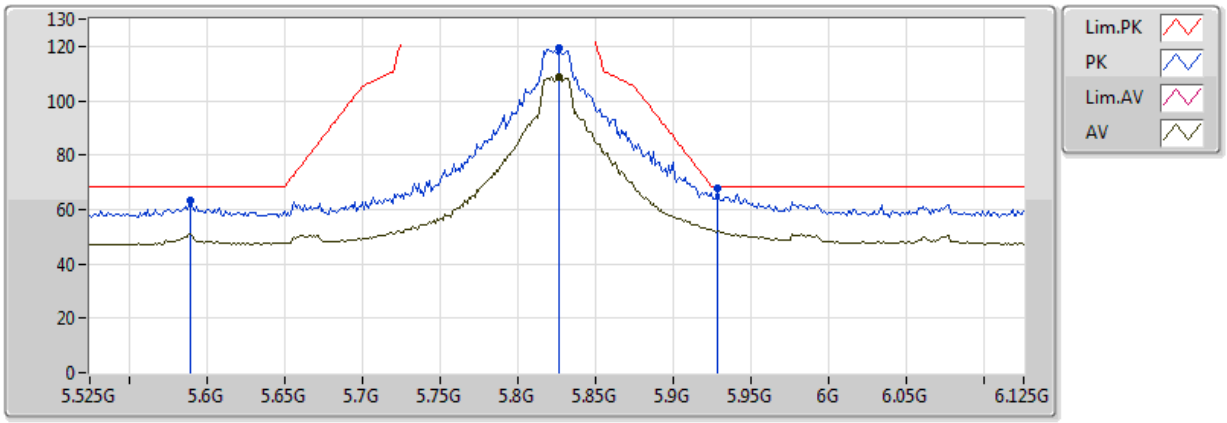


20170617
EUT Y_3TX
Setting 108
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.8274G	110.91	Inf	-Inf	9.96	3	V	353	1.30	-
PK	5.573G	63.86	68.20	-4.34	9.86	3	V	353	1.30	-
PK	5.8274G	120.70	Inf	-Inf	9.96	3	V	353	1.30	-
PK	5.9306G	67.87	68.20	-0.33	10.10	3	V	353	1.30	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5825MHz_TX

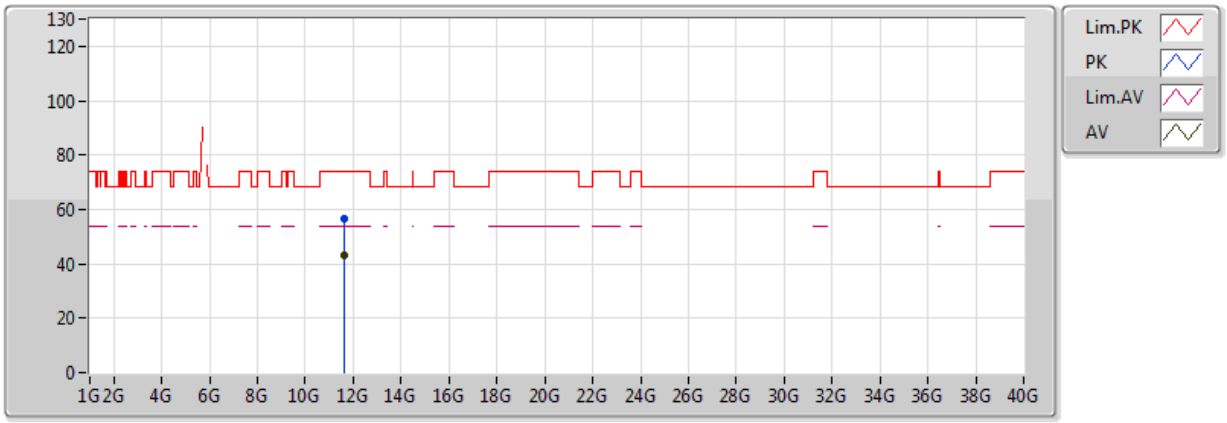


20170617
EUT Y_3TX
Setting 108
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.8262G	108.66	Inf	-Inf	9.96	3	H	15	1.01	-
PK	5.5898G	63.25	68.20	-4.95	9.87	3	H	15	1.01	-
PK	5.8262G	119.16	Inf	-Inf	9.96	3	H	15	1.01	-
PK	5.9282G	67.53	68.20	-0.67	10.10	3	H	15	1.01	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5825MHz_TX

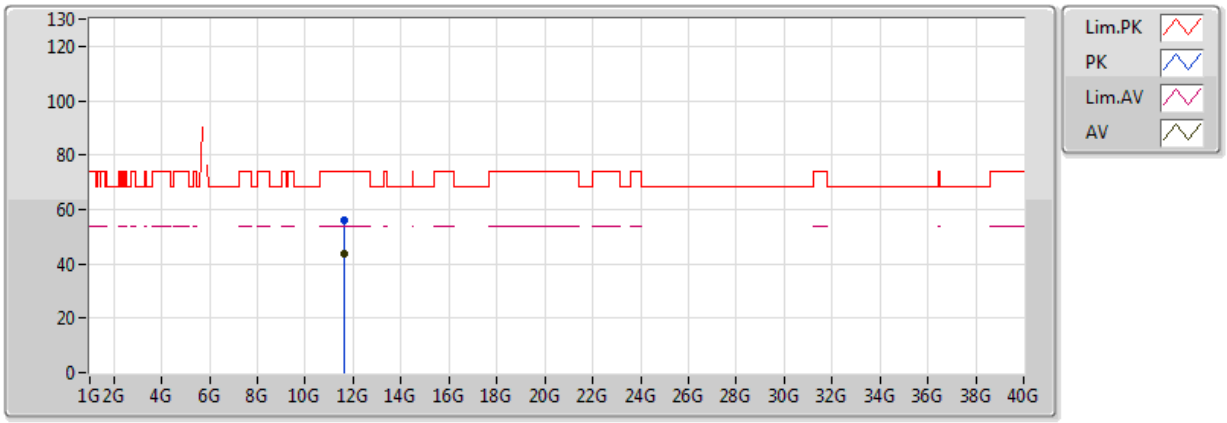


20170617
EUT Y_3TX
Setting 108
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.64828G	43.01	54.00	-10.99	16.54	3	V	34	2.82	-
PK	11.64816G	56.49	74.00	-17.51	16.54	3	V	34	2.82	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5825MHz_TX

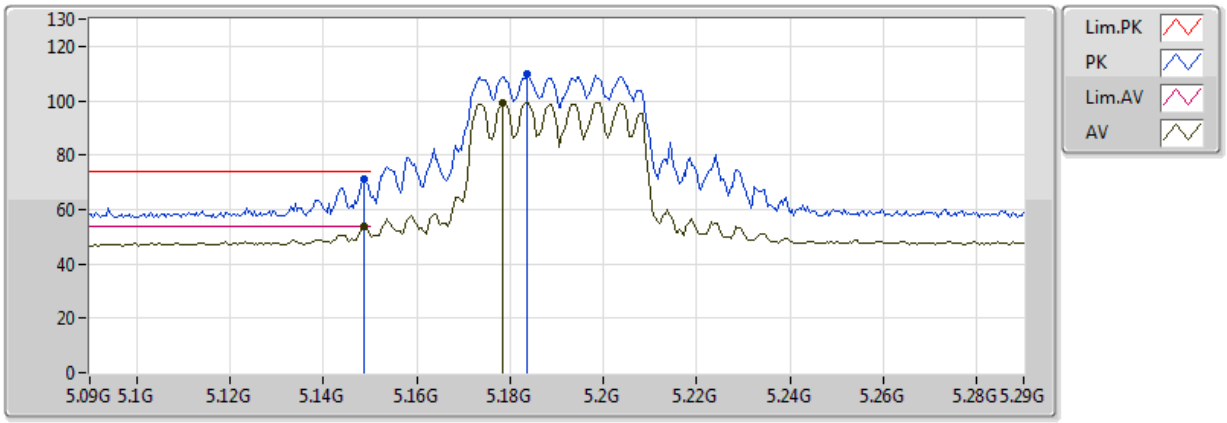


20170617
EUT Y_3TX
Setting 108
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.64764G	43.70	54.00	-10.30	16.54	3	H	117	2.21	-
PK	11.6486G	56.29	74.00	-17.71	16.54	3	H	117	2.21	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5190MHz_TX

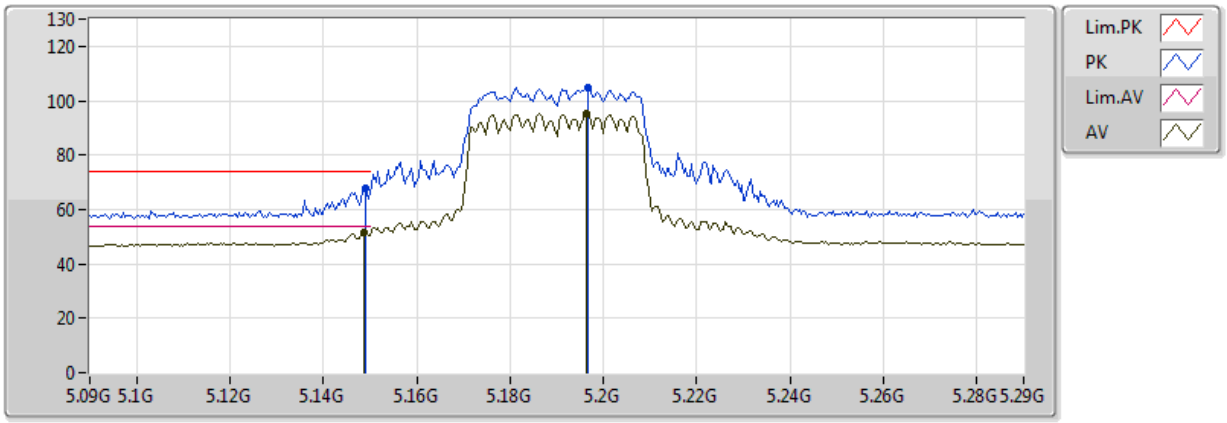


20170617
EUT Y_3TX
Setting 48
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1488G	53.88	54.00	-0.12	9.03	3	V	359	2.55	-
AV	5.1784G	99.43	Inf	-Inf	9.11	3	V	359	2.55	-
PK	5.1488G	71.31	74.00	-2.69	9.03	3	V	359	2.55	-
PK	5.1836G	109.64	Inf	-Inf	9.12	3	V	359	2.55	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5190MHz_TX

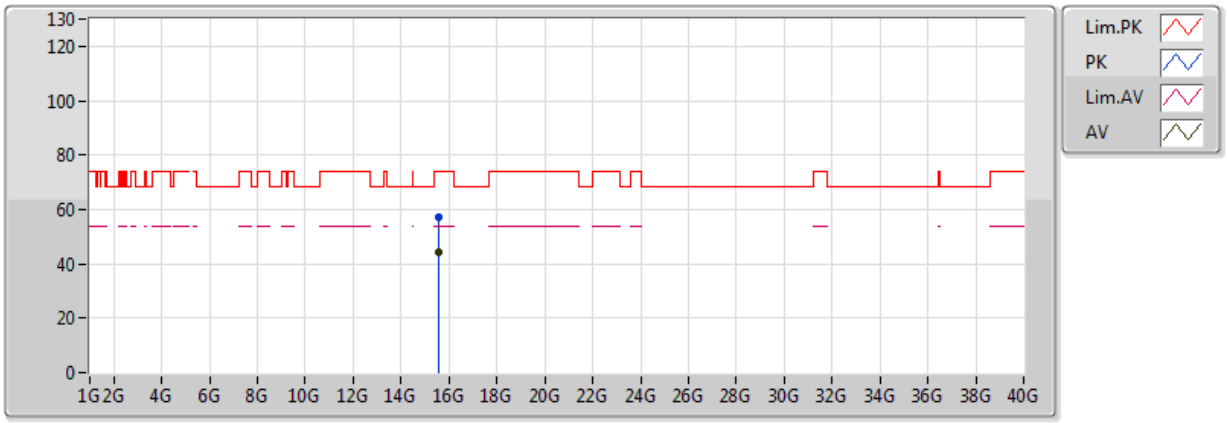


20170617
EUT Y_3TX
Setting 48
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1488G	51.50	54.00	-2.50	9.03	3	H	9	1.55	-
AV	5.1964G	95.53	Inf	-Inf	9.15	3	H	9	1.55	-
PK	5.1492G	67.89	74.00	-6.11	9.03	3	H	9	1.55	-
PK	5.1968G	104.70	Inf	-Inf	9.15	3	H	9	1.55	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5190MHz_TX

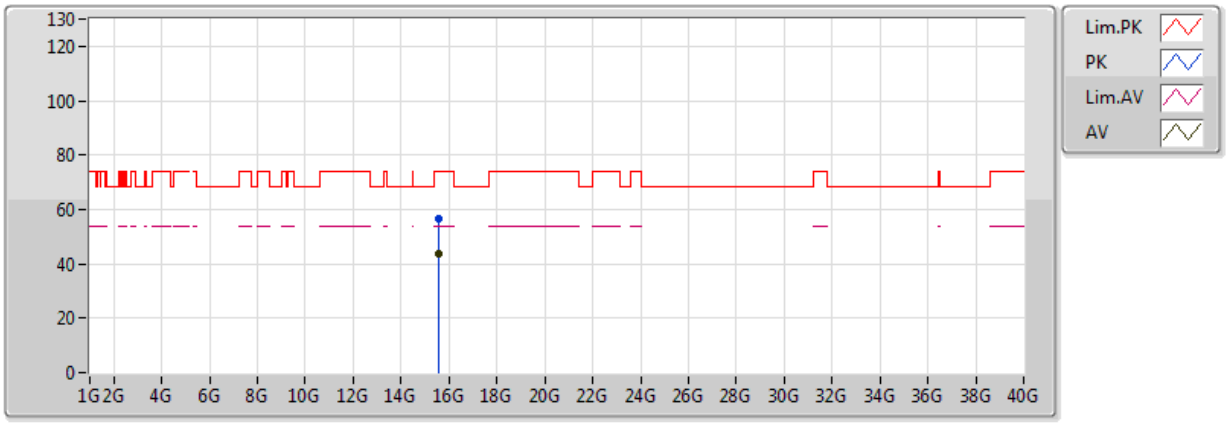


20170617
EUT Y_3TX
Setting 48
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.56834G	44.15	54.00	-9.85	17.97	3	V	171	2.20	-
PK	15.5708G	57.00	74.00	-17.00	17.96	3	V	171	2.20	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5190MHz_TX

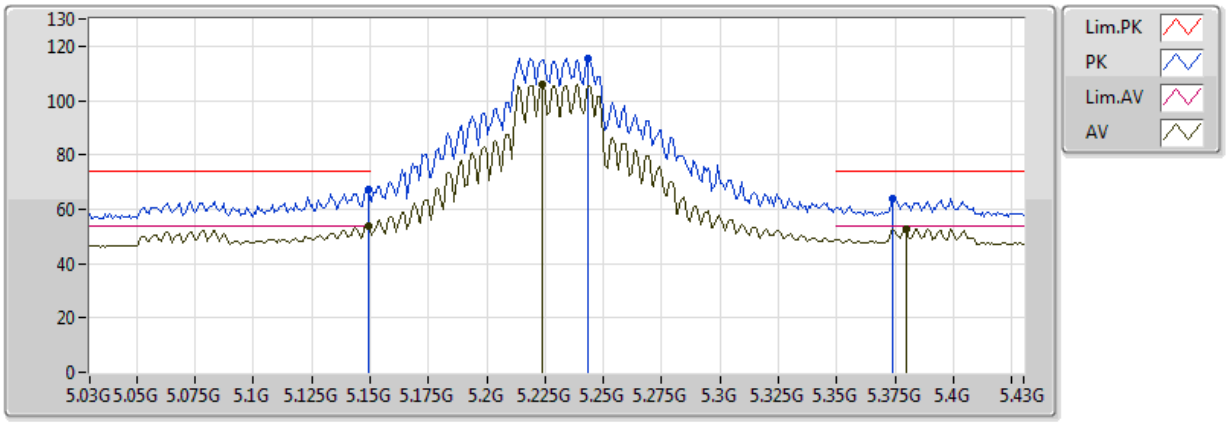


20170617
EUT Y_3TX
Setting 48
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.5675G	43.96	54.00	-10.04	17.97	3	H	284	2.20	-
PK	15.57233G	56.86	74.00	-17.14	17.96	3	H	284	2.20	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5230MHz_TX

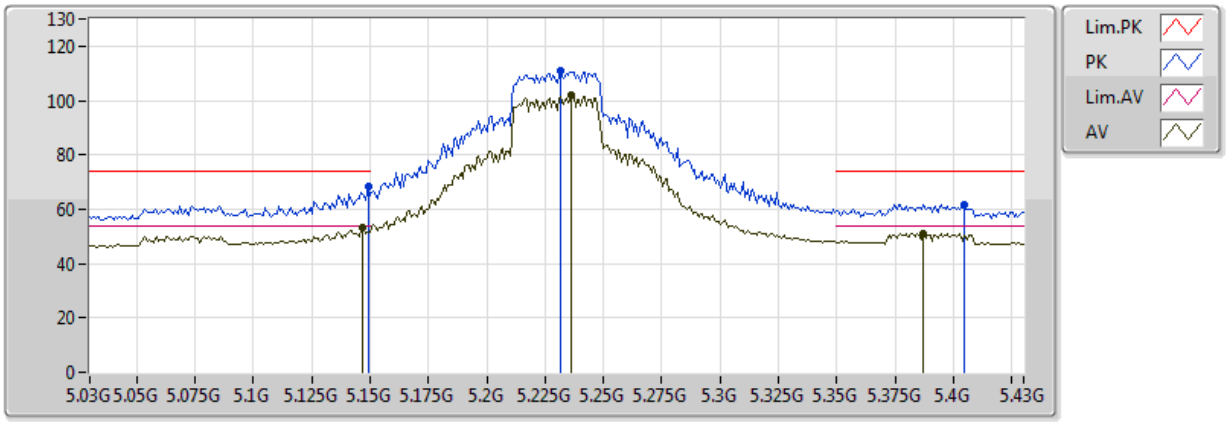


20170617
EUT Y_3TX
Setting 74
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1492G	53.85	54.00	-0.15	9.03	3	V	360	2.75	-
AV	5.2236G	105.85	Inf	-Inf	9.20	3	V	360	2.75	-
AV	5.3796G	52.86	54.00	-1.14	9.49	3	V	360	2.75	-
PK	5.1492G	66.99	74.00	-7.01	9.03	3	V	360	2.75	-
PK	5.2436G	115.54	Inf	-Inf	9.24	3	V	360	2.75	-
PK	5.374G	63.89	74.00	-10.11	9.48	3	V	360	2.75	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5230MHz_TX

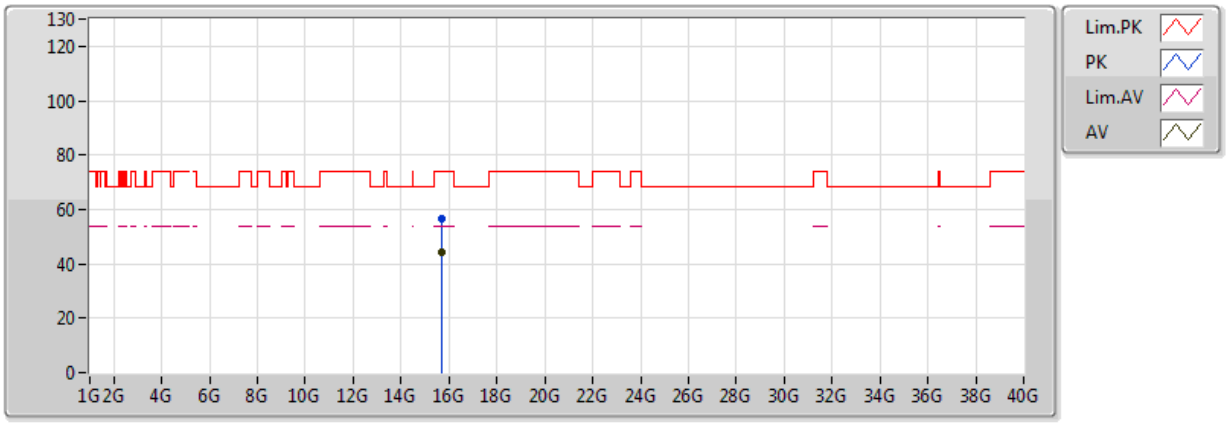


20170617
EUT Y_3TX
Setting 74
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1468G	53.05	54.00	-0.95	9.03	3	H	6	1.72	-
AV	5.2364G	101.72	Inf	-Inf	9.23	3	H	6	1.72	-
AV	5.3868G	51.18	54.00	-2.82	9.50	3	H	6	1.72	-
PK	5.1492G	68.34	74.00	-5.66	9.03	3	H	6	1.72	-
PK	5.2316G	111.04	Inf	-Inf	9.22	3	H	6	1.72	-
PK	5.4044G	61.49	74.00	-12.51	9.53	3	H	6	1.72	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5230MHz_TX

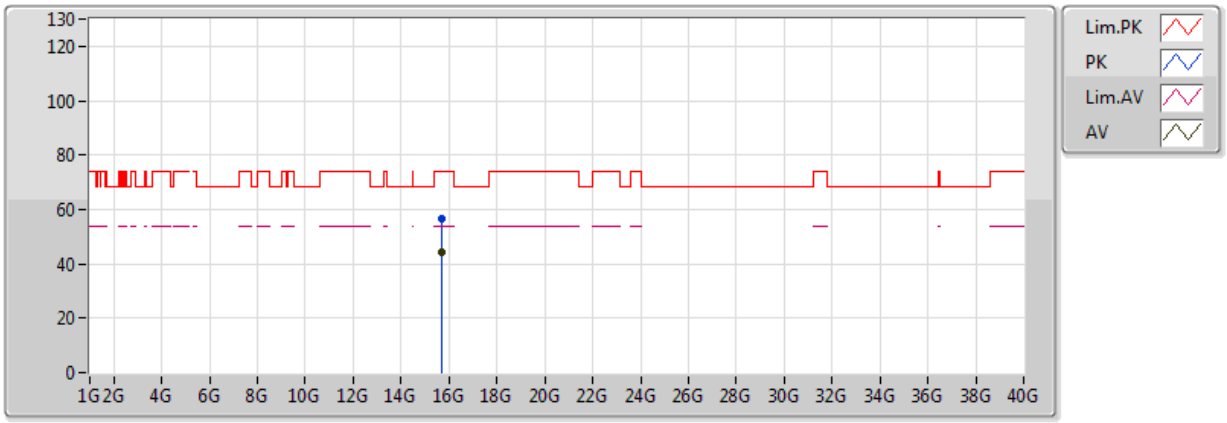


20170617
EUT Y_3TX
Setting 74
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.68829G	44.05	54.00	-9.95	17.71	3	V	26	1.27	-
PK	15.6925G	56.83	74.00	-17.17	17.70	3	V	26	1.27	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5230MHz_TX

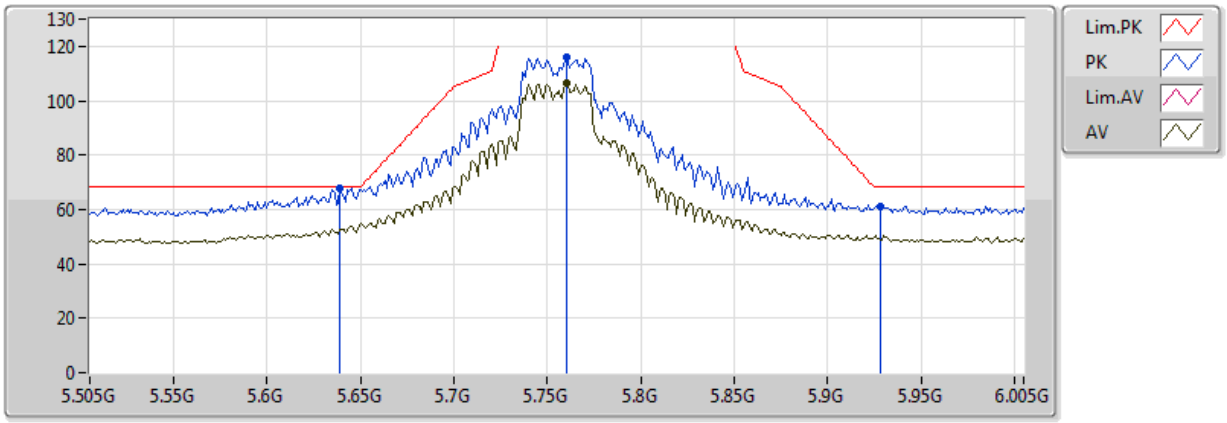


20170617
EUT Y_3TX
Setting 74
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.68917G	44.23	54.00	-9.77	17.70	3	H	171	2.07	-
PK	15.69085G	56.63	74.00	-17.37	17.70	3	H	171	2.07	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5755MHz_TX

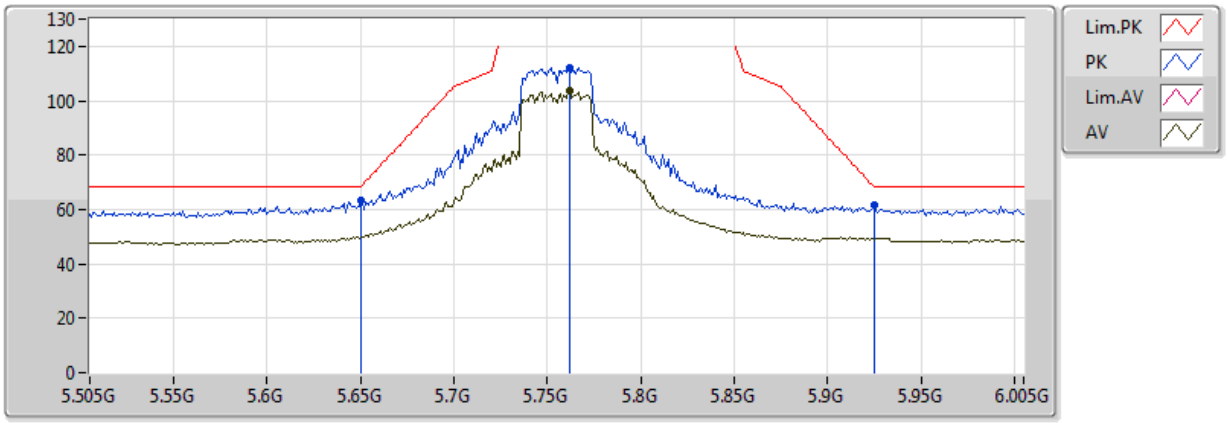


20170617
EUT Y_3TX
Setting 78
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.76G	106.55	Inf	-Inf	9.91	3	V	358	1.01	-
PK	5.639G	68.00	68.20	-0.20	9.89	3	V	358	1.01	-
PK	5.76G	115.99	Inf	-Inf	9.91	3	V	358	1.01	-
PK	5.928G	61.26	68.20	-6.94	10.10	3	V	358	1.01	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5755MHz_TX

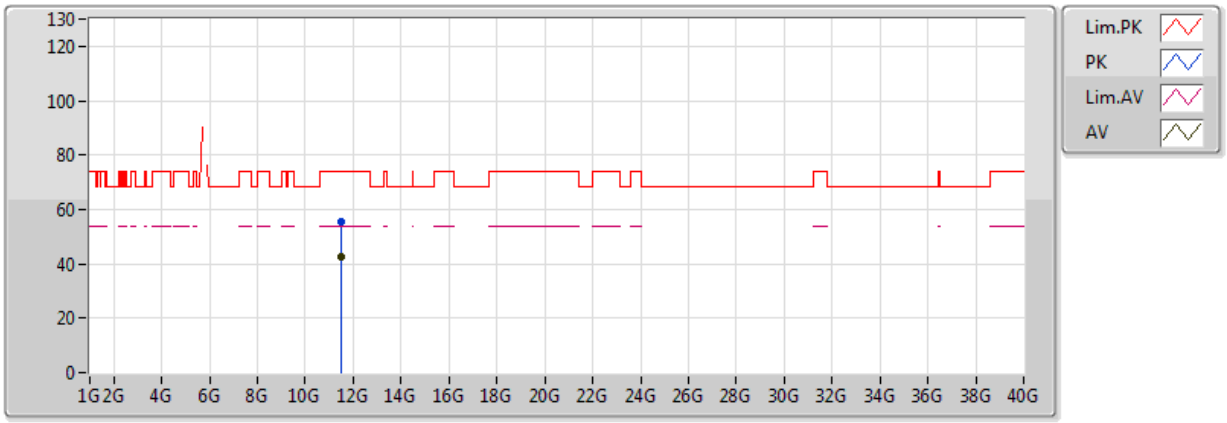


20170617
EUT Y_3TX
Setting 78
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.762G	103.64	Inf	-Inf	9.91	3	H	24	1.04	-
PK	5.65G	63.43	68.20	-4.77	9.89	3	H	24	1.04	-
PK	5.762G	112.00	Inf	-Inf	9.91	3	H	24	1.04	-
PK	5.925G	61.49	68.20	-6.71	10.09	3	H	24	1.04	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5755MHz_TX

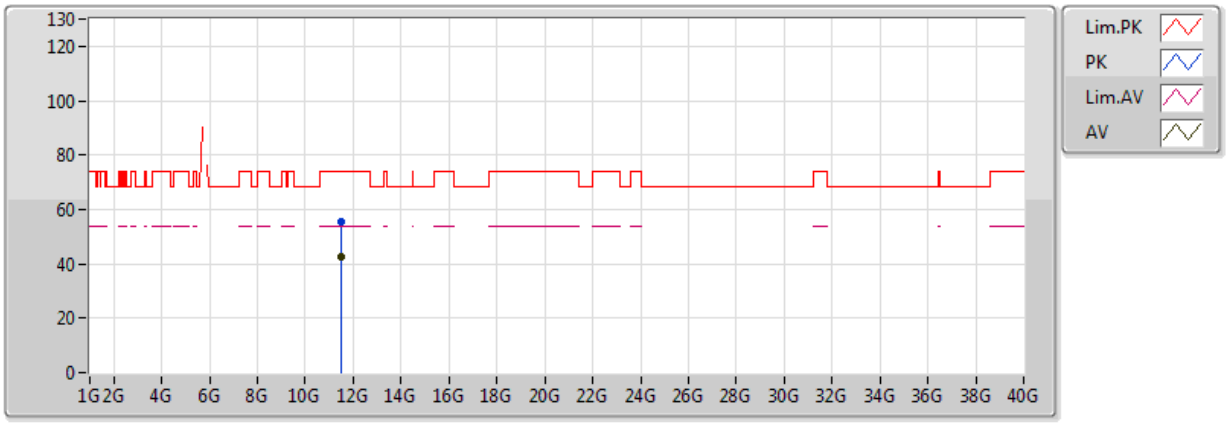


20170617
EUT Y_3TX
Setting 78
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.51248G	42.82	54.00	-11.18	16.39	3	V	59	1.36	-
PK	11.51202G	55.61	74.00	-18.39	16.39	3	V	59	1.36	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5755MHz_TX

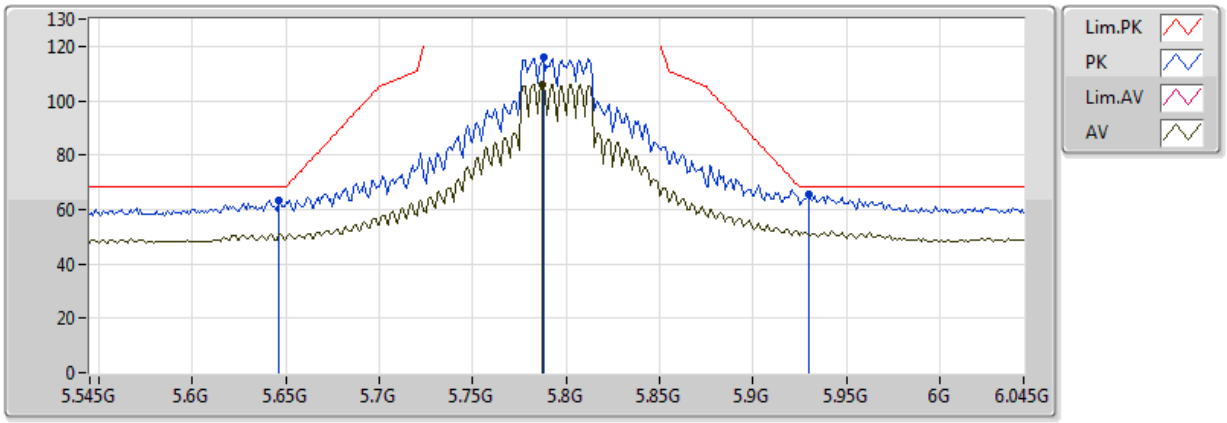


20170617
EUT Y_3TX
Setting 78
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.50772G	42.80	54.00	-11.20	16.38	3	H	171	2.06	-
PK	11.50915G	55.31	74.00	-18.69	16.38	3	H	171	2.06	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5795MHz_TX

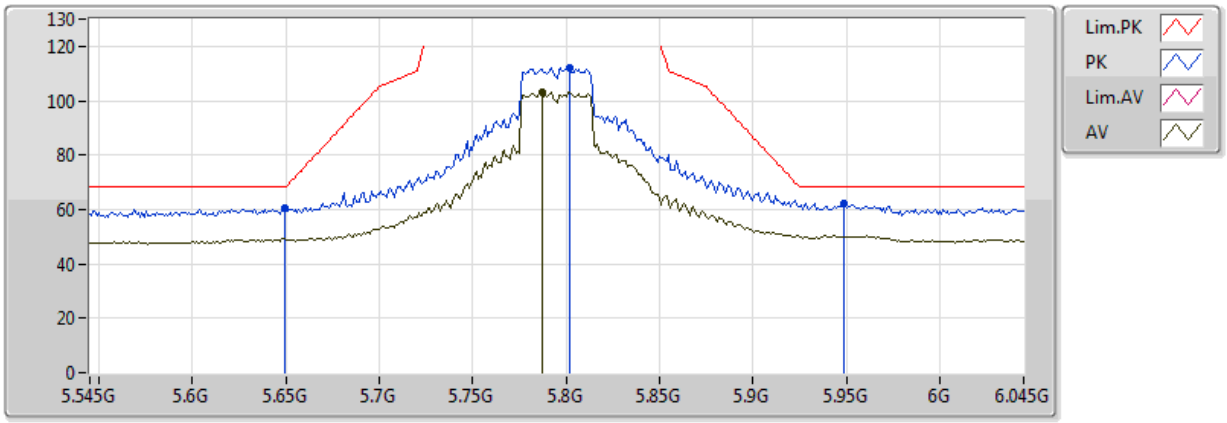


20170617
EUT Y_3TX
Setting 78(79 Fail)
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.787G	106.02	Inf	-Inf	9.92	3	V	354	1.48	-
PK	5.646G	63.21	68.20	-4.99	9.89	3	V	354	1.48	-
PK	5.788G	115.73	Inf	-Inf	9.92	3	V	354	1.48	-
PK	5.93G	65.59	68.20	-2.61	10.10	3	V	354	1.48	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5795MHz_TX

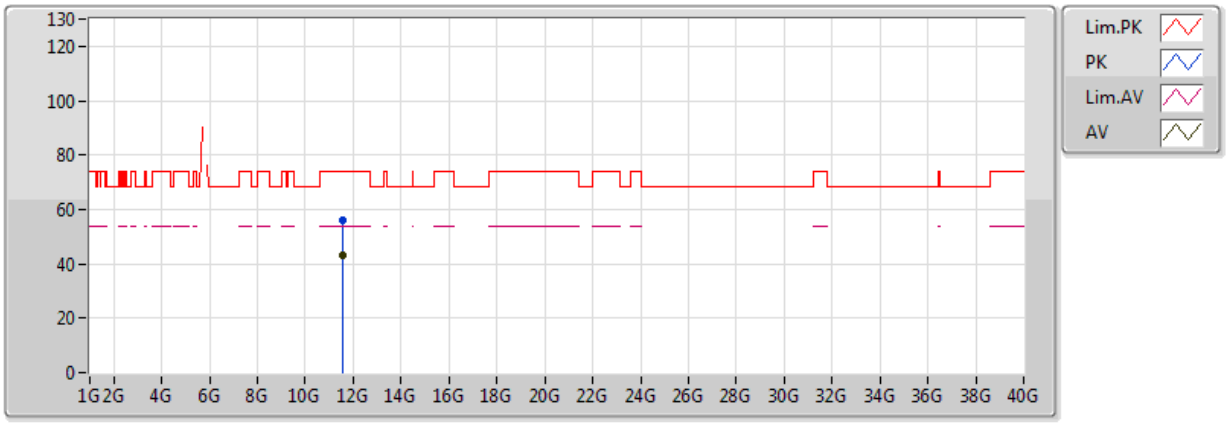


20170617
EUT Y_3TX
Setting 78(79 Fail)
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.787G	103.11	Inf	-Inf	9.92	3	H	14	1.01	-
PK	5.649G	60.73	68.20	-7.47	9.89	3	H	14	1.01	-
PK	5.802G	112.12	Inf	-Inf	9.92	3	H	14	1.01	-
PK	5.949G	62.29	68.20	-5.91	10.13	3	H	14	1.01	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5795MHz_TX

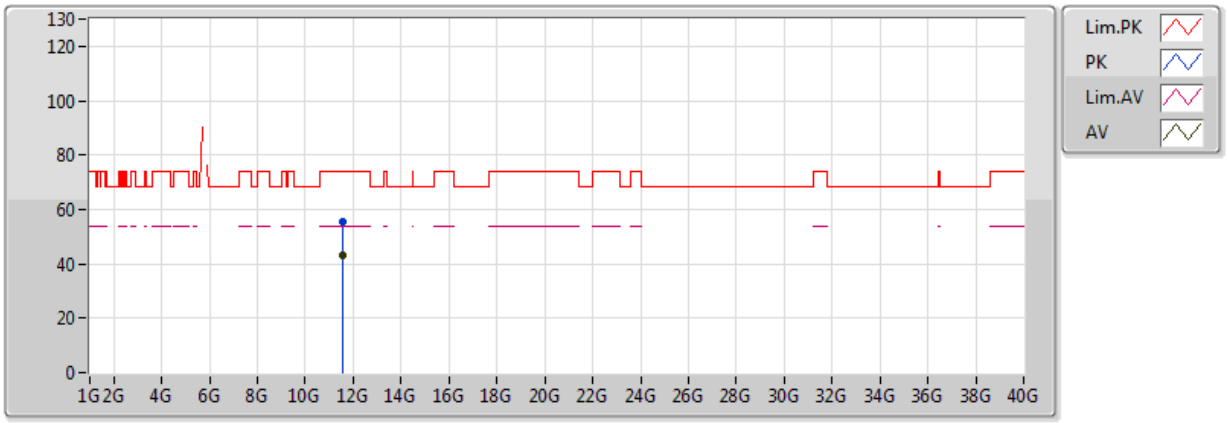


20170617
EUT Y_3TX
Setting 78(79 Fail)
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.58764G	43.17	54.00	-10.83	16.47	3	V	319	1.65	-
PK	11.58938G	56.06	74.00	-17.94	16.47	3	V	319	1.65	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5795MHz_TX

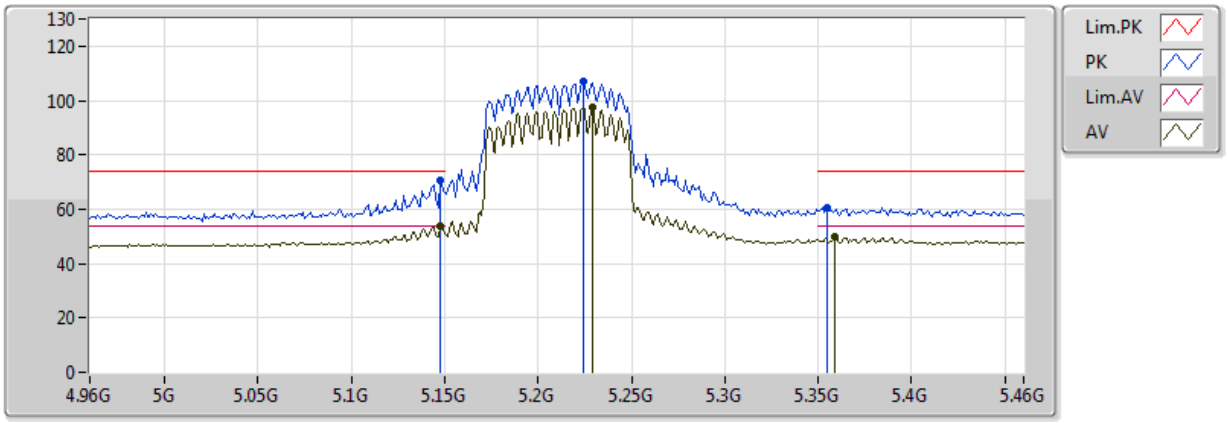


20170617
EUT Y_3TX
Setting 78(79 Fail)
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.58788G	43.09	54.00	-10.91	16.47	3	H	249	1.71	-
PK	11.58779G	55.39	74.00	-18.61	16.47	3	H	249	1.71	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5210MHz_TX

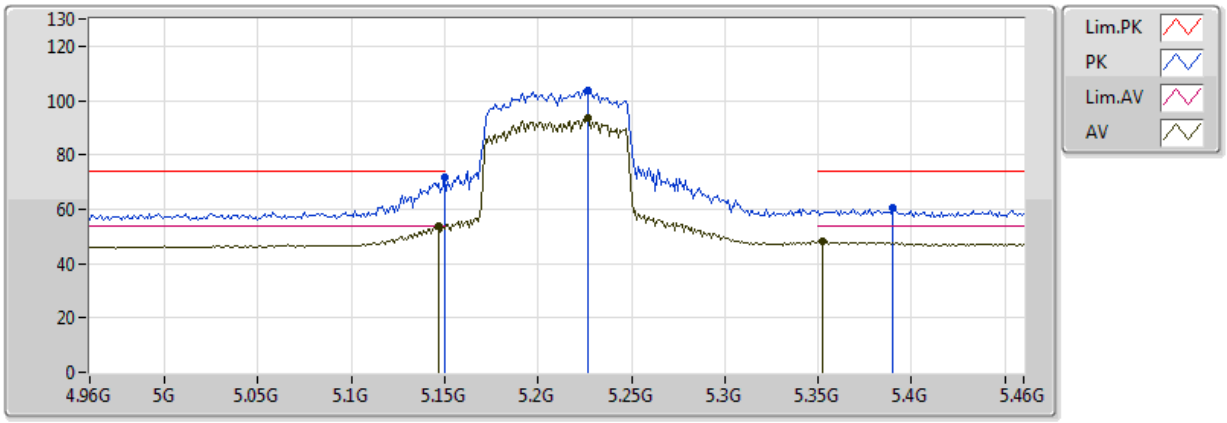


20170617
EUT Y_3TX
Setting 51
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.148G	53.98	54.00	-0.02	9.03	3	V	358	2.74	-
AV	5.229G	97.39	Inf	-Inf	9.22	3	V	358	2.74	-
AV	5.359G	49.67	54.00	-4.33	9.45	3	V	358	2.74	-
PK	5.148G	70.64	74.00	-3.36	9.03	3	V	358	2.74	-
PK	5.224G	107.00	Inf	-Inf	9.21	3	V	358	2.74	-
PK	5.355G	60.76	74.00	-13.24	9.44	3	V	358	2.74	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5210MHz_TX

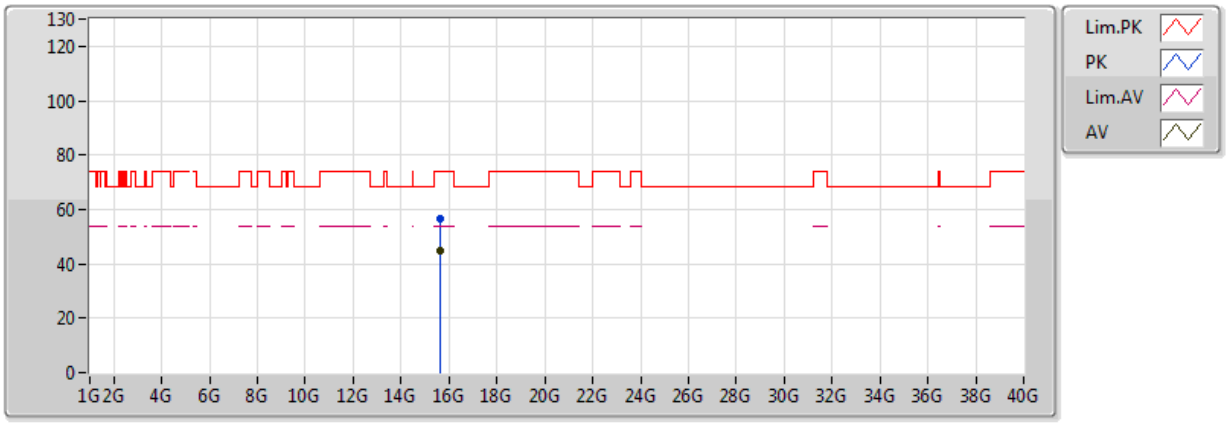


20170617
EUT Y_3TX
Setting 51
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.147G	53.75	54.00	-0.25	9.03	3	H	6	1.43	-
AV	5.227G	93.42	Inf	-Inf	9.21	3	H	6	1.43	-
AV	5.352G	48.16	54.00	-5.84	9.44	3	H	6	1.43	-
PK	5.149995G	71.99	74.00	-2.01	9.03	3	H	6	1.43	-
PK	5.227G	103.72	Inf	-Inf	9.21	3	H	6	1.43	-
PK	5.39G	60.29	74.00	-13.71	9.50	3	H	6	1.43	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5210MHz_TX

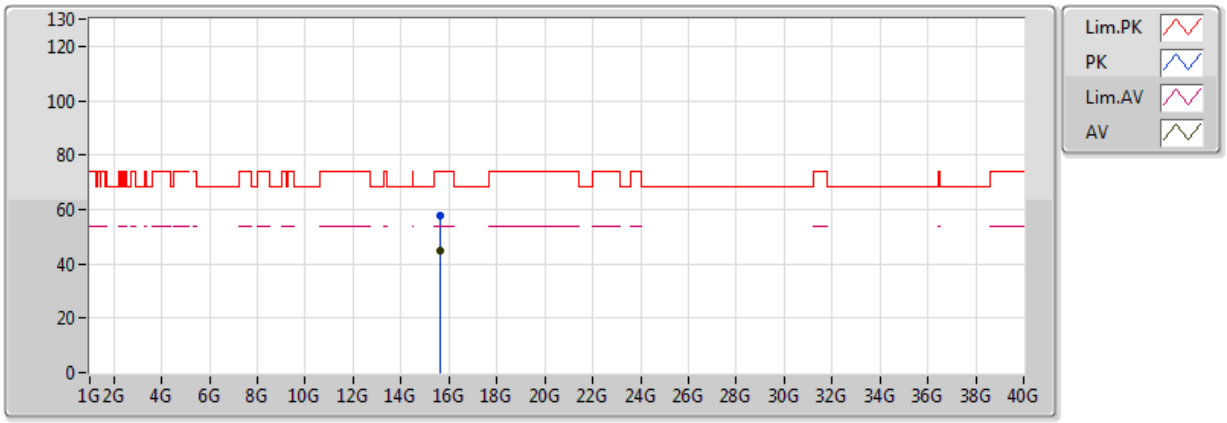


20170617
EUT Y_3TX
Setting 51
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.6318G	44.84	54.00	-9.16	17.83	3	V	122	1.12	-
PK	15.62841G	56.85	74.00	-17.15	17.84	3	V	122	1.12	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5210MHz_TX

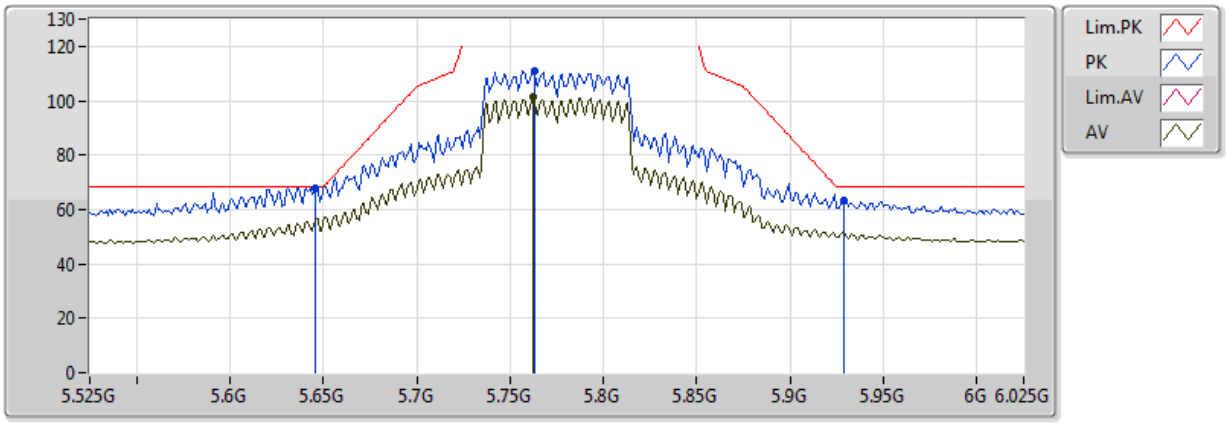


20170617
EUT Y_3TX
Setting 51
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.63098G	44.66	54.00	-9.34	17.83	3	H	213	2.02	-
PK	15.63131G	57.53	74.00	-16.47	17.83	3	H	213	2.02	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5775MHz_TX

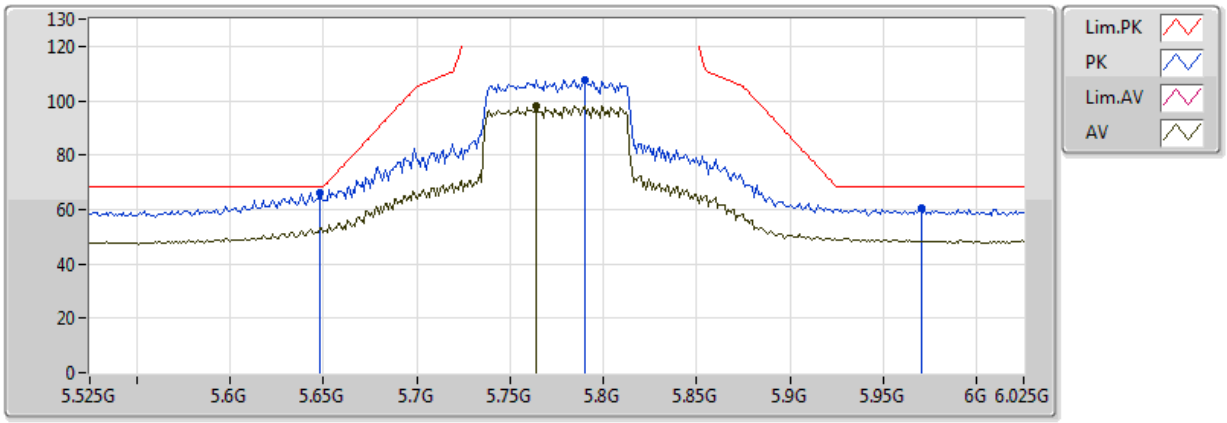


20170617
EUT Y_3TX
Setting 67
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.762G	101.29	Inf	-Inf	9.91	3	V	352	1.26	-
PK	5.646G	68.03	68.20	-0.17	9.89	3	V	352	1.26	-
PK	5.763G	111.06	Inf	-Inf	9.91	3	V	352	1.26	-
PK	5.929G	63.53	68.20	-4.67	10.10	3	V	352	1.26	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5775MHz_TX

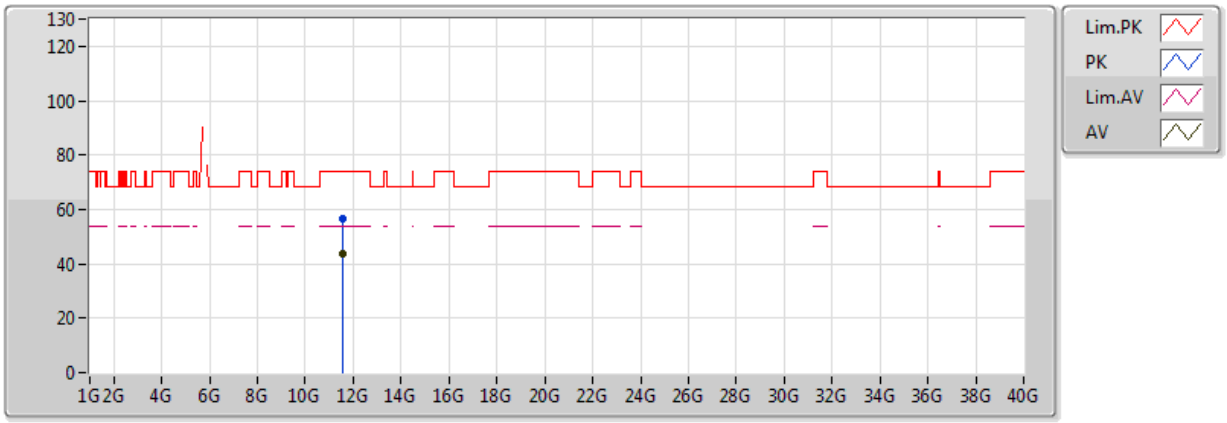


20170617
EUT Y_3TX
Setting 67
02-W-3-10
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.764G	97.98	Inf	-Inf	9.91	3	H	6	2.27	-
PK	5.648G	66.01	68.20	-2.19	9.89	3	H	6	2.27	-
PK	5.79G	107.60	Inf	-Inf	9.92	3	H	6	2.27	-
PK	5.97G	60.29	68.20	-7.91	10.16	3	H	6	2.27	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5775MHz_TX

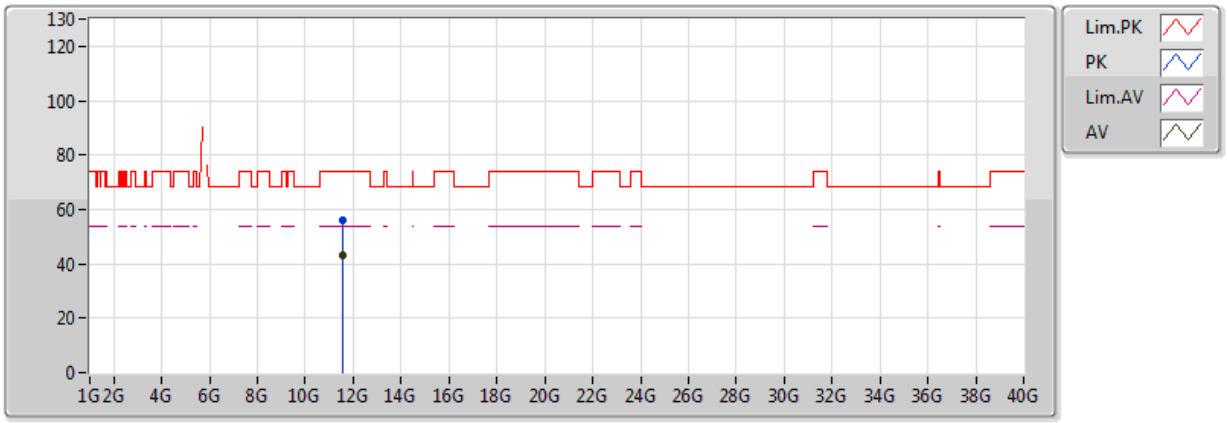


20170617
EUT Y_3TX
Setting 67
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.55132G	43.44	54.00	-10.56	16.43	3	V	240	1.82	-
PK	11.55232G	56.32	74.00	-17.68	16.43	3	V	240	1.82	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5775MHz_TX

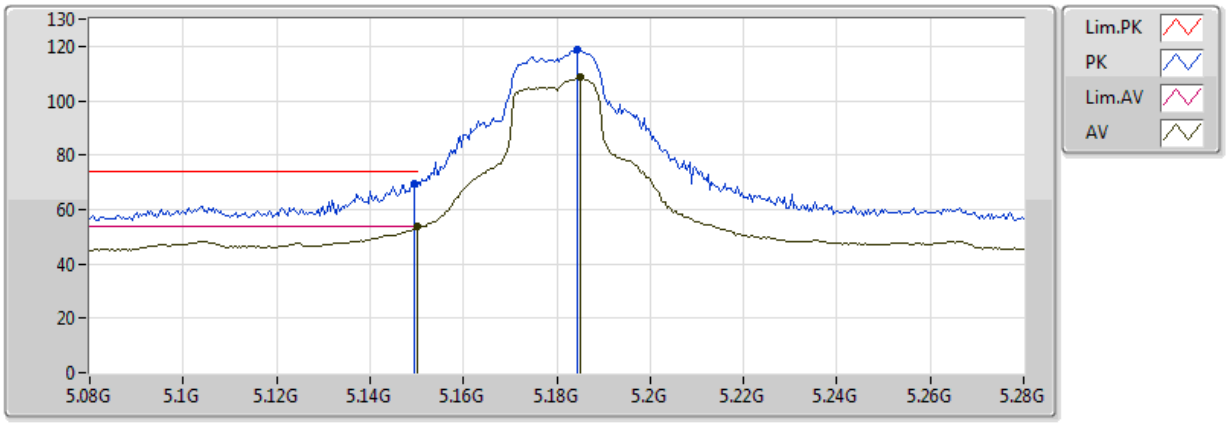


20170617
EUT Y_3TX
Setting 67
02-W-3
FSU

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.5515G	43.00	54.00	-11.00	16.43	3	H	138	1.66	-
PK	11.5506G	55.82	74.00	-18.18	16.43	3	H	138	1.66	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5180MHz_TX

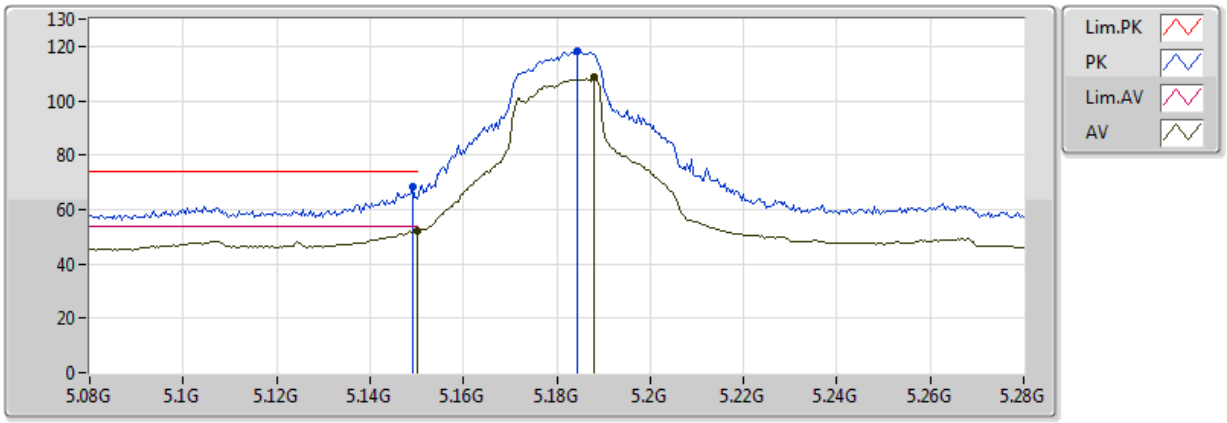


20170620
EUT Y_3TX
Setting 70
01-M-0-10
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.90	54.00	-0.10	4.27	3	V	329	1.01	-
AV	5.1852G	108.71	Inf	-Inf	4.35	3	V	329	1.01	-
PK	5.1496G	69.72	74.00	-4.28	4.27	3	V	329	1.01	-
PK	5.1844G	118.64	Inf	-Inf	4.35	3	V	329	1.01	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5180MHz_TX

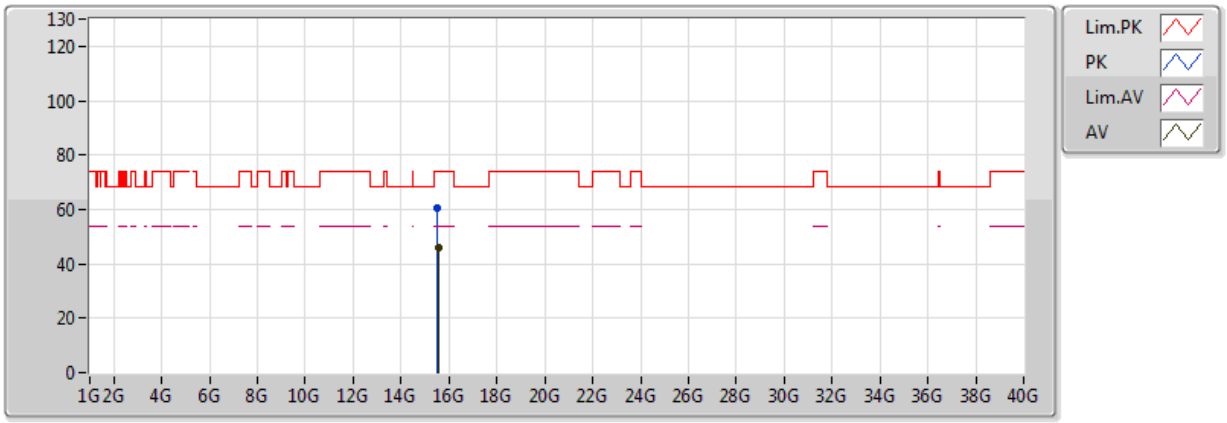


20170620
EUT Y_3TX
Setting 70
01-M-0-10
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	52.19	54.00	-1.81	4.27	3	H	4	1.42	-
AV	5.188G	108.47	Inf	-Inf	4.35	3	H	4	1.42	-
PK	5.1492G	68.46	74.00	-5.54	4.27	3	H	4	1.42	-
PK	5.1844G	118.32	Inf	-Inf	4.35	3	H	4	1.42	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5180MHz_TX

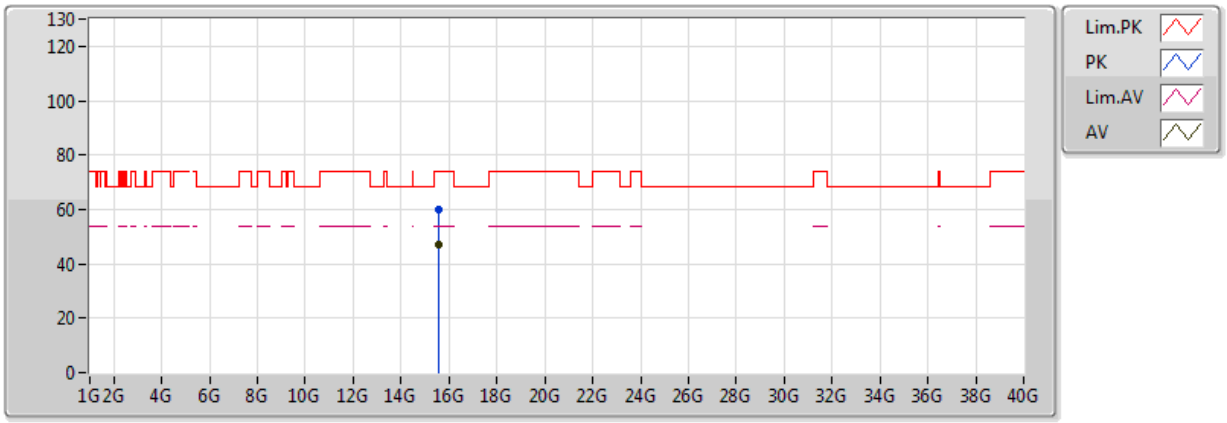


20170621
EUT Y_3TX
Setting 70
05-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.53956G	46.14	54.00	-7.86	19.07	3	V	198	1.74	-
PK	15.53672G	60.26	74.00	-13.74	19.08	3	V	198	1.74	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5180MHz_TX

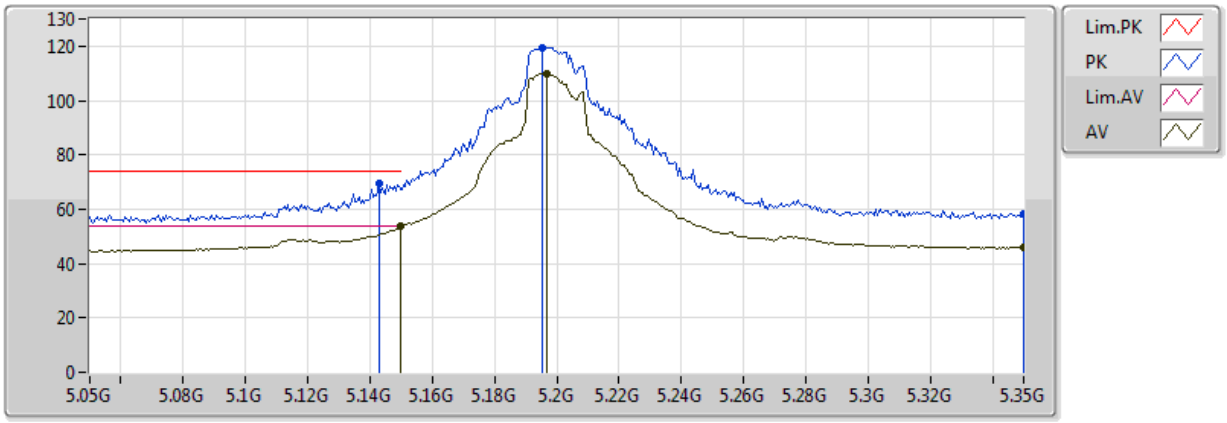


20170621
EUT Y_3TX
Setting 70
05-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.53834G	47.18	54.00	-6.82	19.07	3	H	194	2.28	-
PK	15.54064G	60.10	74.00	-13.90	19.06	3	H	194	2.28	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5200MHz_TX

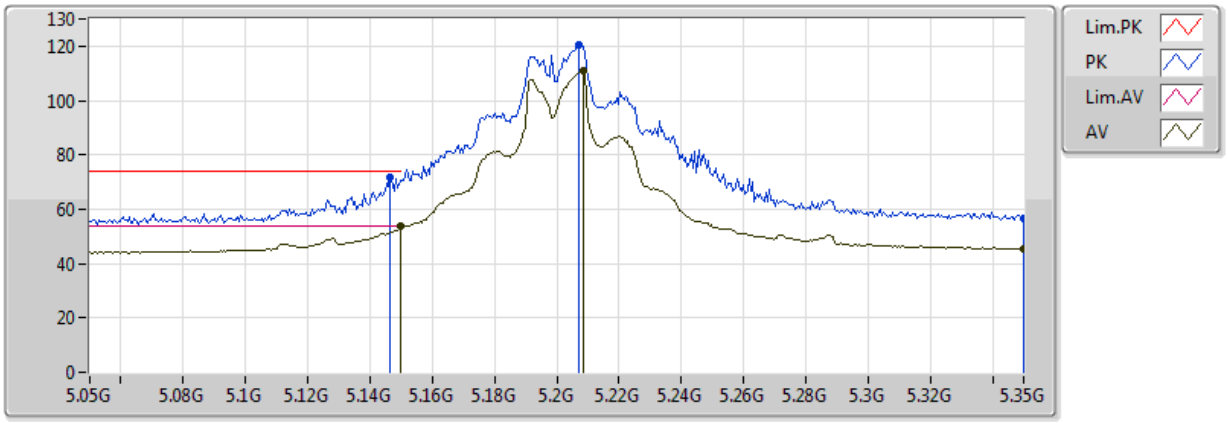


20170620
EUT Y_3TX
Setting 78
01-M-0-10
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.73	54.00	-0.27	4.27	3	V	334	1.35	-
AV	5.197G	109.95	Inf	-Inf	4.37	3	V	334	1.35	-
AV	5.35G	45.70	Inf	-Inf	4.68	3	V	334	1.35	-
PK	5.143G	69.47	74.00	-4.53	4.25	3	V	334	1.35	-
PK	5.1952G	119.52	Inf	-Inf	4.37	3	V	334	1.35	-
PK	5.35G	58.02	Inf	-Inf	4.68	3	V	334	1.35	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5200MHz_TX

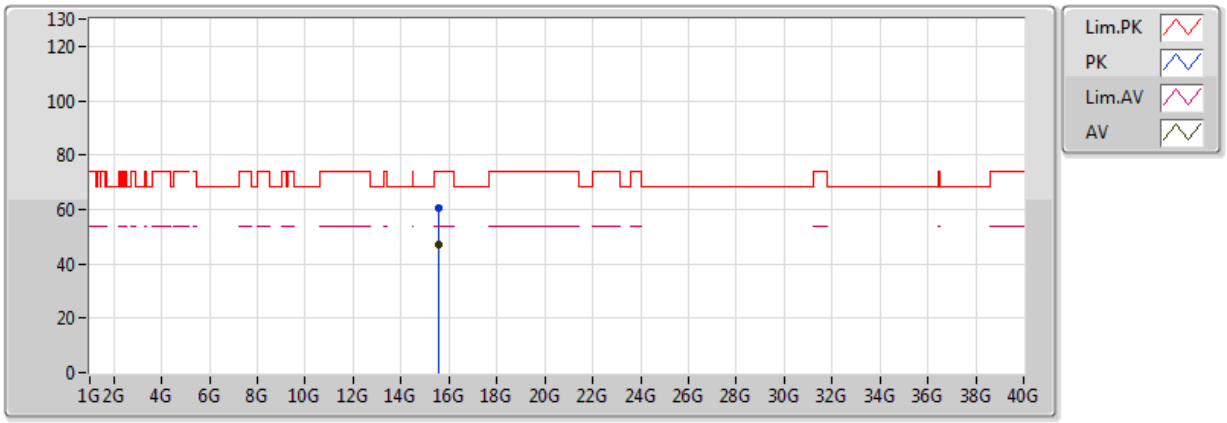


20170620
EUT Y_3TX
Setting 78
01-M-0-10
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.96	54.00	-0.04	4.27	3	H	355	1.44	-
AV	5.2084G	111.03	Inf	-Inf	4.40	3	H	355	1.44	-
AV	5.35G	45.53	Inf	-Inf	4.68	3	H	355	1.44	-
PK	5.1466G	71.73	74.00	-2.27	4.26	3	H	355	1.44	-
PK	5.2072G	120.49	Inf	-Inf	4.40	3	H	355	1.44	-
PK	5.35G	56.44	Inf	-Inf	4.68	3	H	355	1.44	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5200MHz_TX

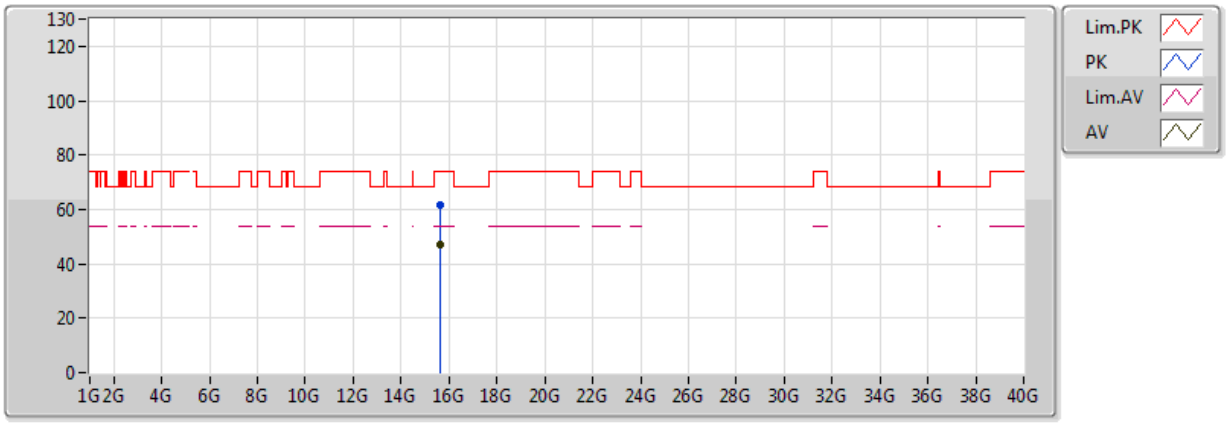


20170621
EUT Y_3TX
Setting 78
05-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.59948G	46.94	54.00	-7.06	18.88	3	V	270	2.44	-
PK	15.598G	60.68	74.00	-13.32	18.88	3	V	270	2.44	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5200MHz_TX

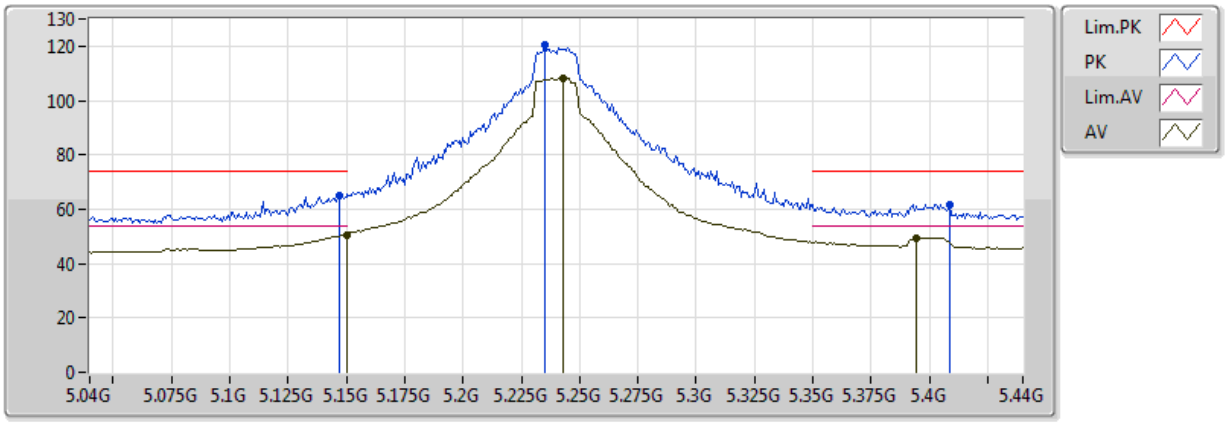


20170621
EUT Y_3TX
Setting 78
05-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.60408G	46.86	54.00	-7.14	18.87	3	H	86	2.12	-
PK	15.60352G	61.36	74.00	-12.64	18.87	3	H	86	2.12	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5240MHz_TX

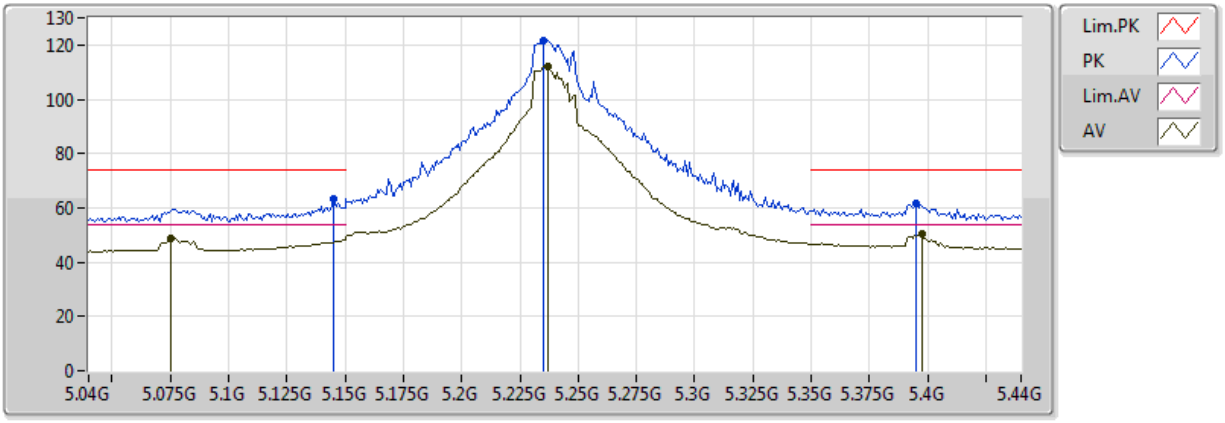


20170620
EUT Y_3TX
Setting 120
01-M-0-10
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	50.51	54.00	-3.49	4.27	3	V	0	2.53	-
AV	5.2432G	108.40	Inf	-Inf	4.47	3	V	0	2.53	-
AV	5.3944G	49.38	54.00	-4.62	4.76	3	V	0	2.53	-
PK	5.1472G	65.04	74.00	-8.96	4.26	3	V	0	2.53	-
PK	5.2352G	120.36	Inf	-Inf	4.45	3	V	0	2.53	-
PK	5.4088G	61.68	74.00	-12.32	4.79	3	V	0	2.53	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5240MHz_TX

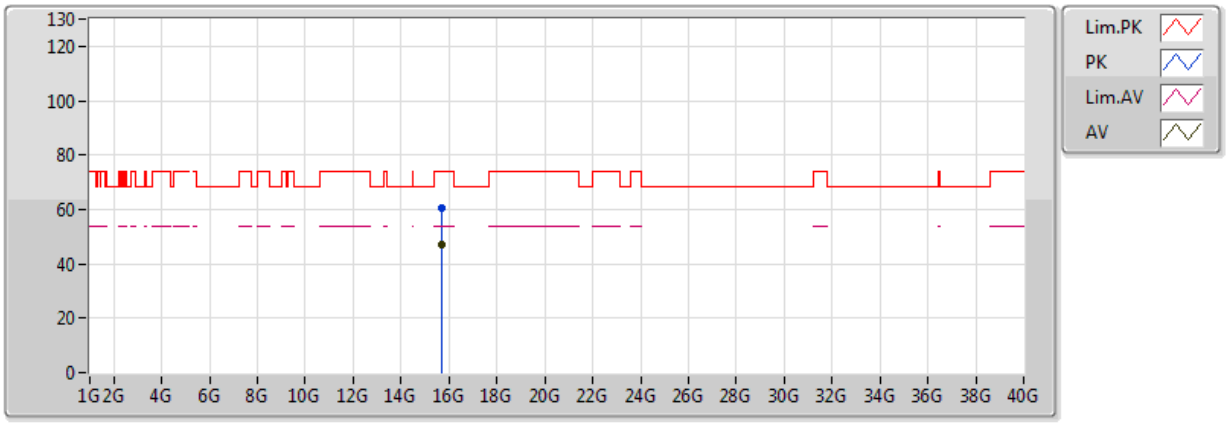


20170620
EUT Y_3TX
Setting 120
01-M-0-10
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.0752G	48.61	54.00	-5.39	4.10	3	H	360	1.41	-
AV	5.2368G	112.25	Inf	-Inf	4.46	3	H	360	1.41	-
AV	5.3976G	50.20	54.00	-3.80	4.77	3	H	360	1.41	-
PK	5.1448G	63.05	74.00	-10.95	4.26	3	H	360	1.41	-
PK	5.2352G	121.73	Inf	-Inf	4.45	3	H	360	1.41	-
PK	5.3952G	61.80	74.00	-12.20	4.76	3	H	360	1.41	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5240MHz_TX

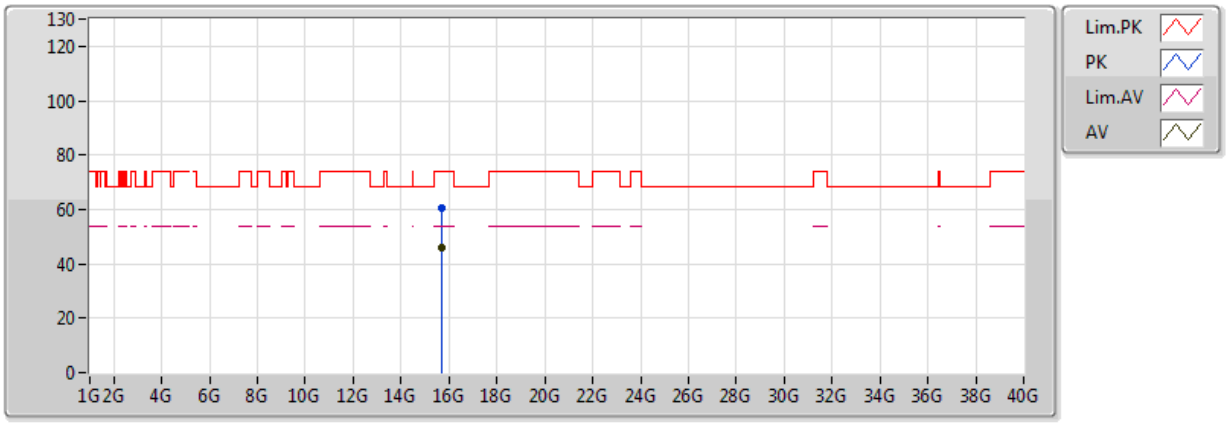


20170621
EUT Y_3TX
Setting 120
05-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.71642G	47.07	54.00	-6.93	18.51	3	V	22	2.42	-
PK	15.71948G	60.25	74.00	-13.75	18.51	3	V	22	2.42	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5240MHz_TX

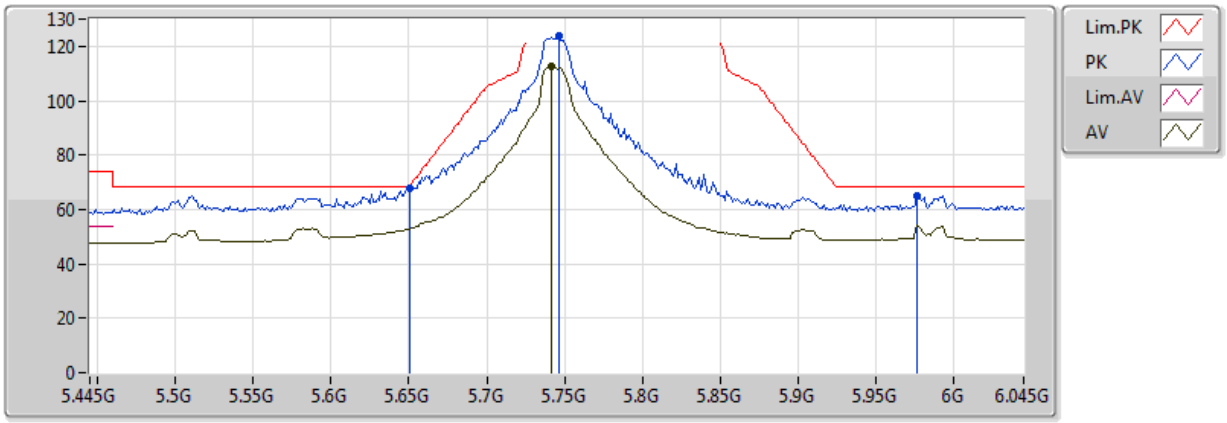


20170621
EUT Y_3TX
Setting 120
05-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.72012G	46.01	54.00	-7.99	18.50	3	H	76	1.51	-
PK	15.72112G	60.24	74.00	-13.76	18.50	3	H	76	1.51	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5745MHz_TX

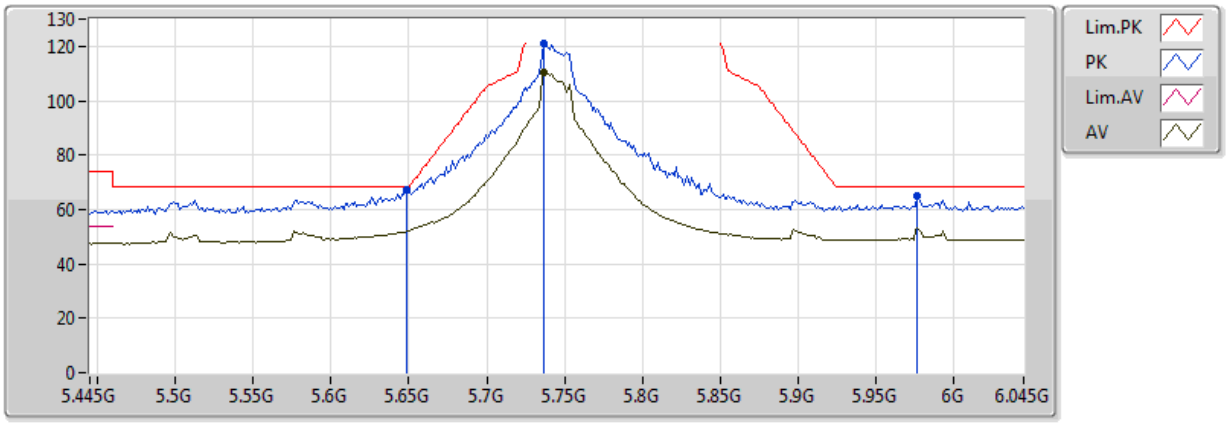


20170621
EUT Y_3TX
Setting 90
05-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7414G	112.54	Inf	-Inf	8.39	3	V	351	1.19	-
PK	5.6502G	67.93	68.35	-0.42	8.22	3	V	351	1.19	-
PK	5.7462G	123.86	Inf	-Inf	8.40	3	V	351	1.19	-
PK	5.9766G	64.85	68.20	-3.35	8.95	3	V	351	1.19	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5745MHz_TX

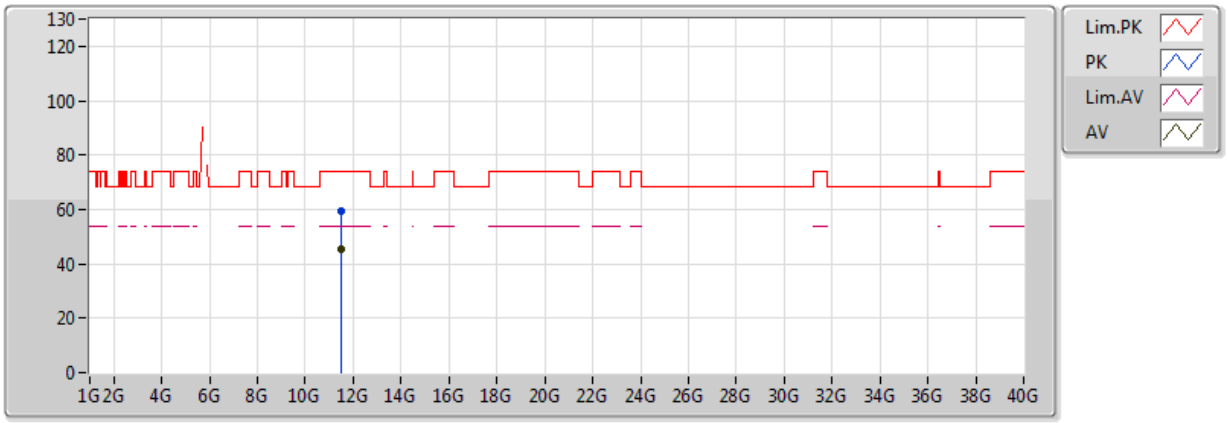


20170621
EUT Y_3TX
Setting 90
05-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7366G	110.62	Inf	-Inf	8.38	3	H	357	1.02	-
PK	5.649G	67.07	68.20	-1.13	8.22	3	H	357	1.02	-
PK	5.7366G	121.17	Inf	-Inf	8.38	3	H	357	1.02	-
PK	5.9766G	65.01	68.20	-3.19	8.95	3	H	357	1.02	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5745MHz_TX

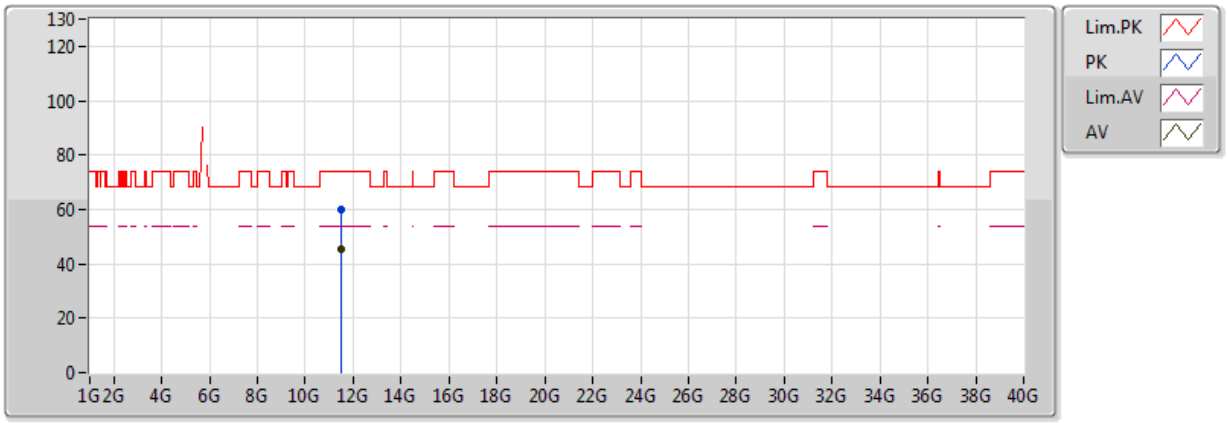


20170621
EUT Y_3TX
Setting 90
05-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49434G	45.31	54.00	-8.69	17.99	3	V	26	2.06	-
PK	11.48832G	59.34	74.00	-14.66	18.00	3	V	26	2.06	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5745MHz_TX

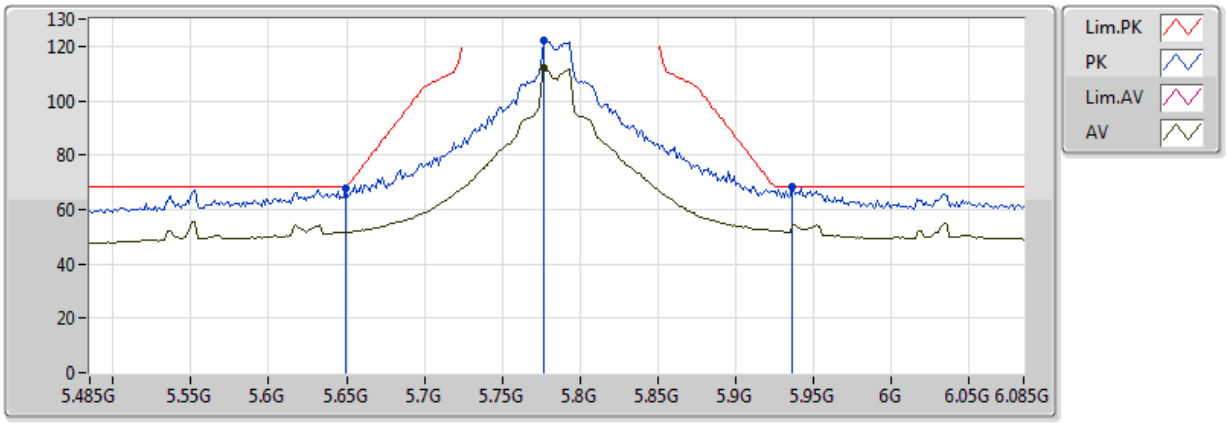


20170621
EUT Y_3TX
Setting 90
05-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.48944G	45.37	54.00	-8.63	18.00	3	H	42	2.07	-
PK	11.4866G	59.80	74.00	-14.20	18.00	3	H	42	2.07	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5785MHz_TX

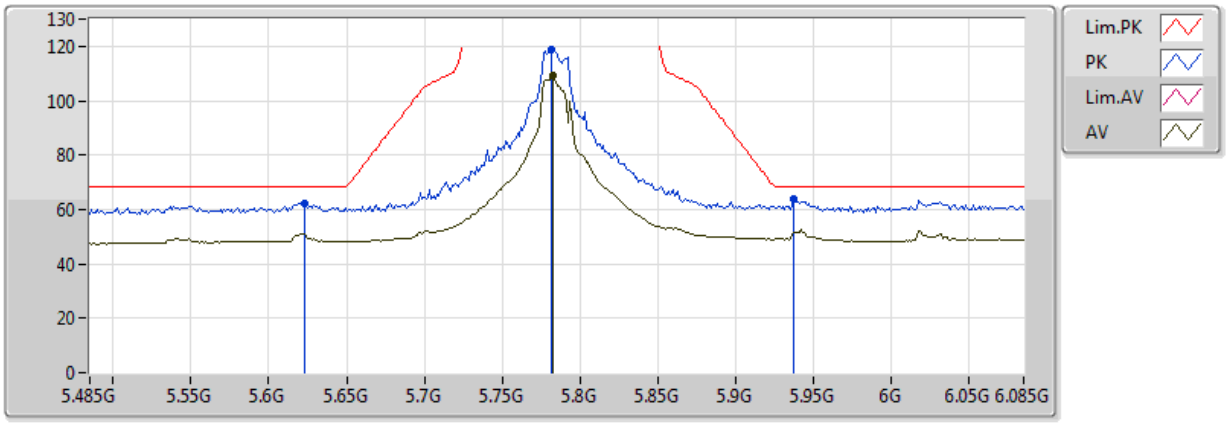


20170621
EUT Y_3TX
Setting 90
05-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7766G	112.01	Inf	-Inf	8.46	3	V	342	1.56	-
PK	5.6494G	67.84	68.20	-0.36	8.22	3	V	342	1.56	-
PK	5.7766G	122.15	Inf	-Inf	8.46	3	V	342	1.56	-
PK	5.9362G	68.19	68.20	-0.01	8.85	3	V	342	1.56	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5785MHz_TX

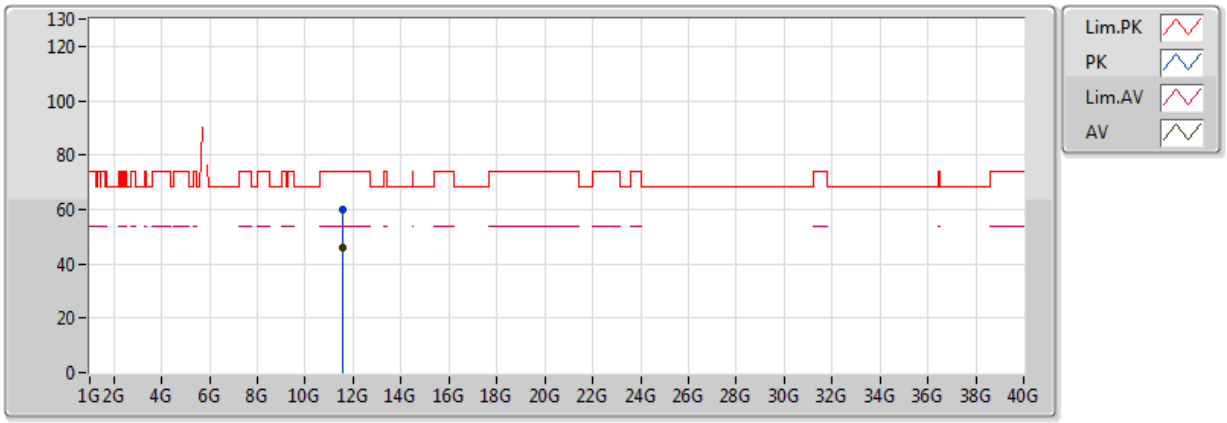


20170621
EUT Y_3TX
Setting 90
05-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7826G	109.31	Inf	-Inf	8.47	3	H	2	1.01	-
PK	5.623G	62.40	68.20	-5.80	8.17	3	H	2	1.01	-
PK	5.7814G	118.82	Inf	-Inf	8.46	3	H	2	1.01	-
PK	5.9374G	64.07	68.20	-4.13	8.85	3	H	2	1.01	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5785MHz_TX

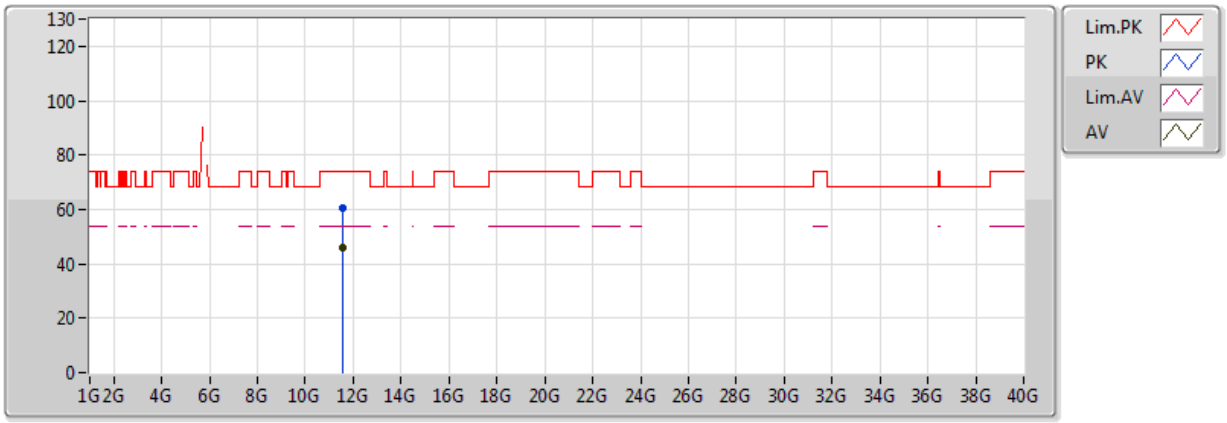


20170621
EUT Y_3TX
Setting 90
05-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57046G	45.85	54.00	-8.15	17.90	3	V	107	1.95	-
PK	11.57086G	59.80	74.00	-14.20	17.90	3	V	107	1.95	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5785MHz_TX

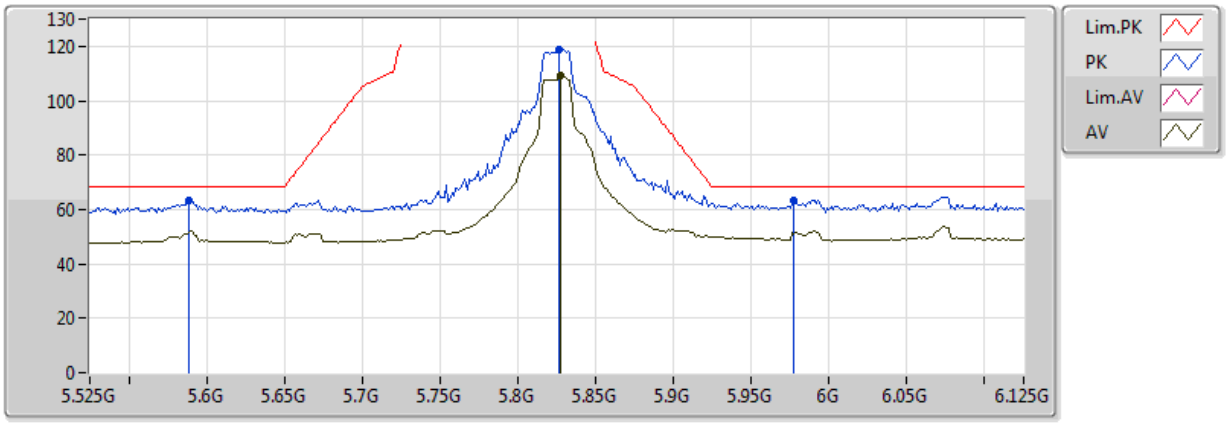


20170621
EUT Y_3TX
Setting 90
05-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57332G	45.88	54.00	-8.12	17.90	3	H	85	2.40	-
PK	11.56742G	60.77	74.00	-13.23	17.91	3	H	85	2.40	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5825MHz_TX

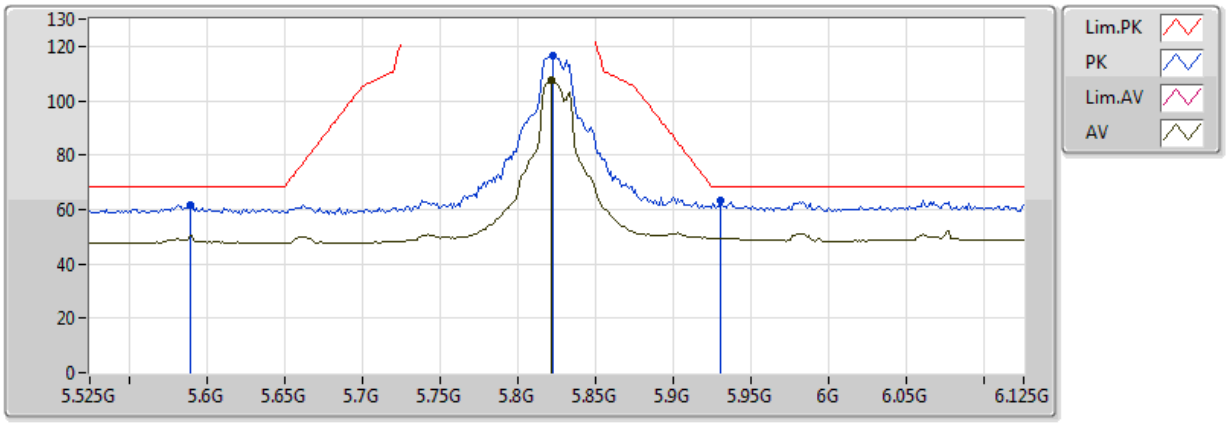


20170621
EUT Y_3TX
Setting 80 (81 over 4)
05-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.8274G	109.01	Inf	-Inf	8.57	3	V	340	1.67	-
PK	5.5886G	63.47	68.20	-4.73	8.10	3	V	340	1.67	-
PK	5.8262G	118.77	Inf	-Inf	8.57	3	V	340	1.67	-
PK	5.9774G	63.32	68.20	-4.88	8.95	3	V	340	1.67	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5825MHz_TX

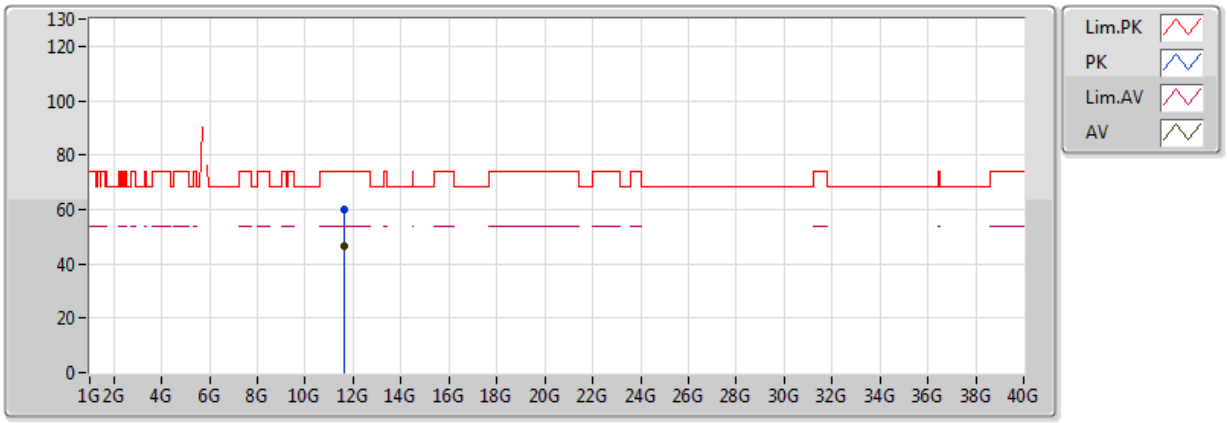


20170621
EUT Y_3TX
Setting 80
05-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.8214G	107.34	Inf	-Inf	8.56	3	H	16	1.01	-
PK	5.5898G	61.86	68.20	-6.34	8.11	3	H	16	1.01	-
PK	5.8226G	116.72	Inf	-Inf	8.56	3	H	16	1.01	-
PK	5.9306G	63.07	68.20	-5.13	8.84	3	H	16	1.01	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5825MHz_TX

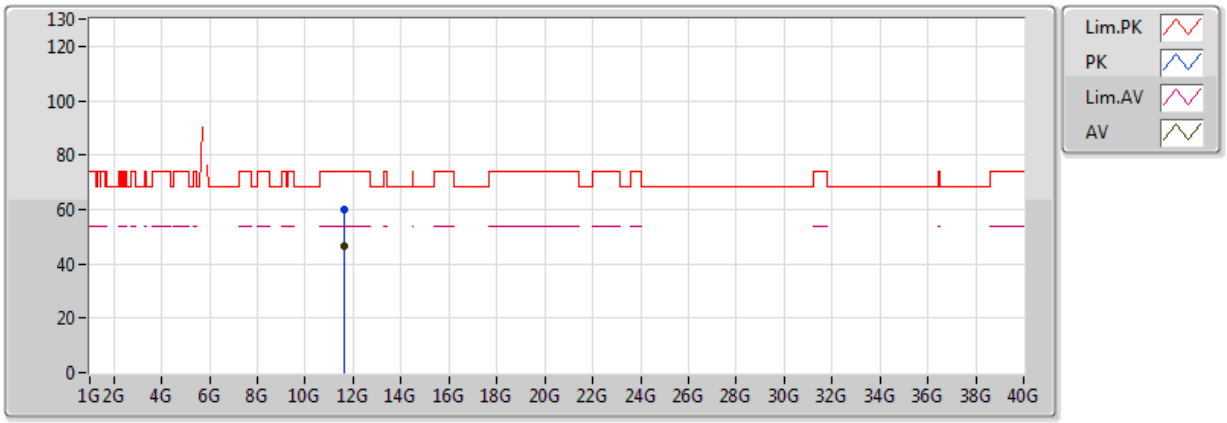


20170621
EUT Y_3TX
Setting 80
05-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65336G	46.35	54.00	-7.65	17.81	3	V	17	1.57	-
PK	11.64554G	59.84	74.00	-14.16	17.81	3	V	17	1.57	-

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5825MHz_TX

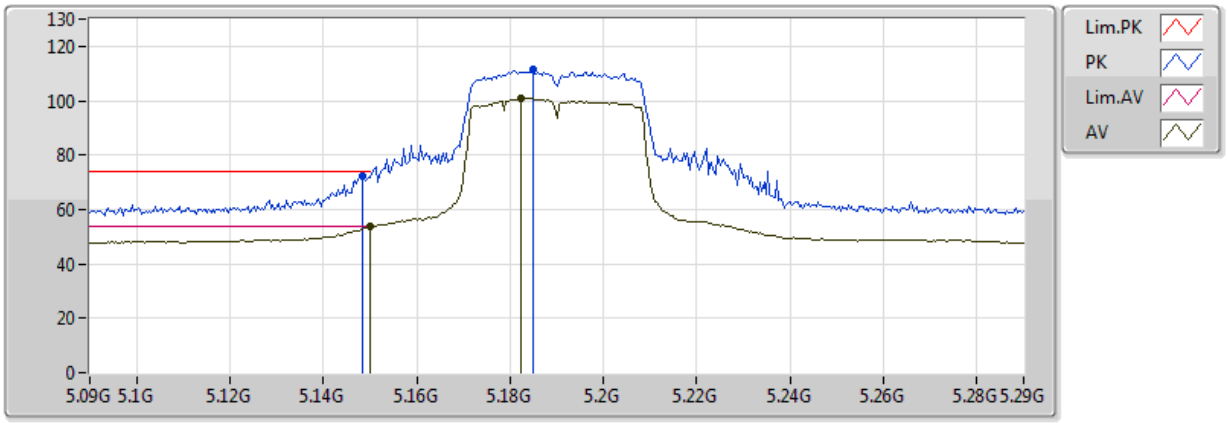


20170621
EUT Y_3TX
Setting 80
05-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65364G	46.45	54.00	-7.55	17.81	3	H	255	1.45	-
PK	11.65288G	59.97	74.00	-14.03	17.81	3	H	255	1.45	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5190MHz_TX

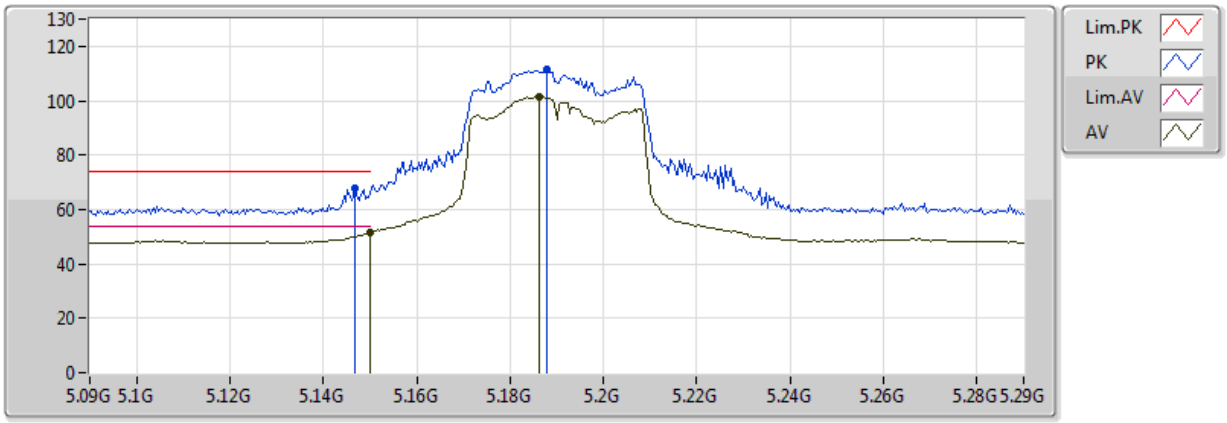


20170620
EUT Y_3TX
Setting 50
05-N-2-10
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.75	54.00	-0.25	7.33	3	V	0	1.76	-
AV	5.1824G	100.81	Inf	-Inf	7.39	3	V	0	1.76	-
PK	5.1484G	72.15	74.00	-1.85	7.33	3	V	0	1.76	-
PK	5.1848G	111.45	Inf	-Inf	7.39	3	V	0	1.76	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5190MHz_TX

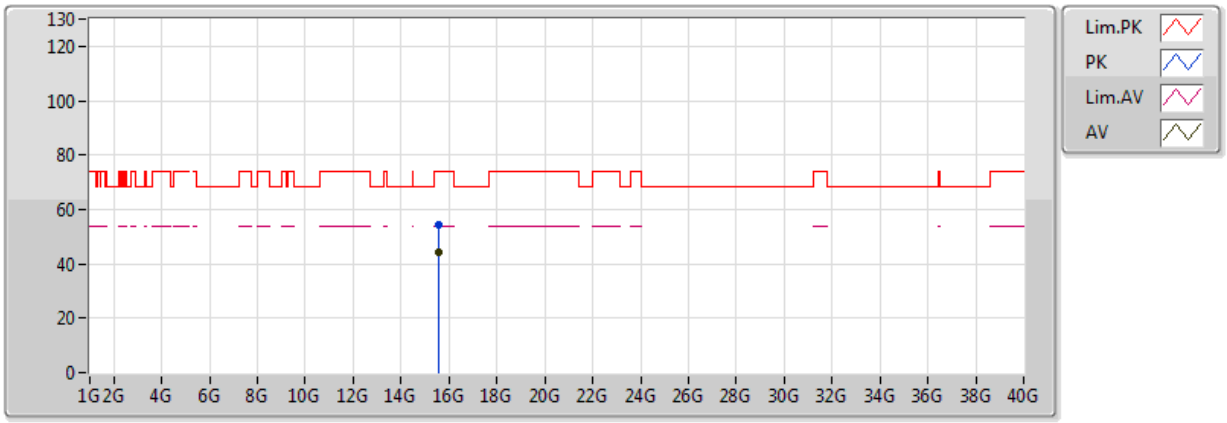


20170620
EUT Y_3TX
Setting 50
05-N-2-10
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	51.60	54.00	-2.40	7.33	3	H	6	2.02	-
AV	5.1864G	101.48	Inf	-Inf	7.40	3	H	6	2.02	-
PK	5.1468G	67.73	74.00	-6.27	7.33	3	H	6	2.02	-
PK	5.188G	111.57	Inf	-Inf	7.40	3	H	6	2.02	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5190MHz_TX

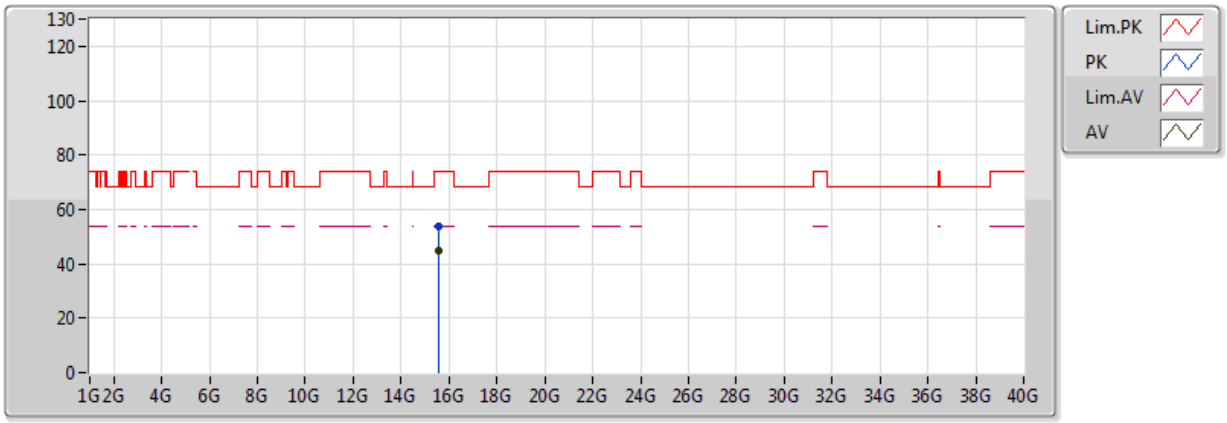


20170620
EUT Y_3TX
Setting 50
05-N-2
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.57G	44.11	54.00	-9.89	18.97	3	V	293	1.61	-
PK	15.5659G	54.23	74.00	-19.77	18.98	3	V	293	1.61	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5190MHz_TX

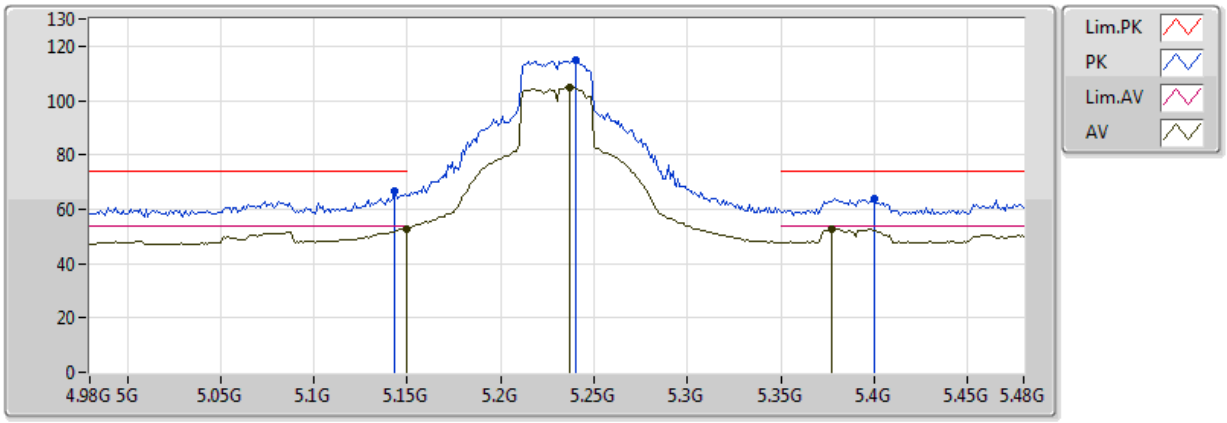


20170620
EUT Y_3TX
Setting 50
05-N-2
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.57306G	44.66	54.00	-9.34	18.96	3	H	333	1.61	-
PK	15.56608G	53.68	74.00	-20.32	18.98	3	H	333	1.61	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5230MHz_TX

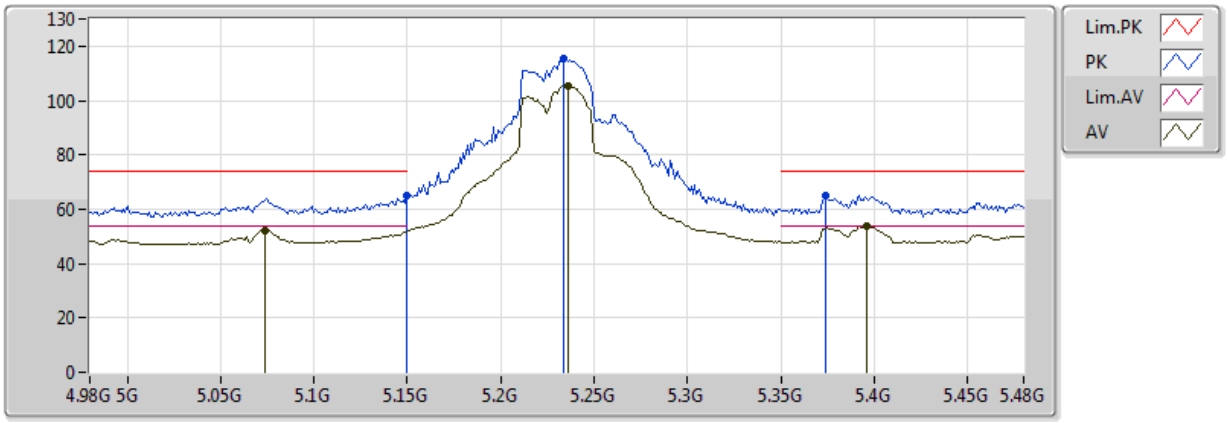


20170620
EUT Y_3TX
Setting 71
05-N-2-10
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	52.82	54.00	-1.18	7.33	3	V	335	1.50	-
AV	5.237G	105.00	Inf	-Inf	7.48	3	V	335	1.50	-
AV	5.377G	52.82	54.00	-1.18	7.71	3	V	335	1.50	-
PK	5.143G	66.53	74.00	-7.47	7.32	3	V	335	1.50	-
PK	5.24G	114.76	Inf	-Inf	7.49	3	V	335	1.50	-
PK	5.4G	63.93	74.00	-10.07	7.75	3	V	335	1.50	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5230MHz_TX

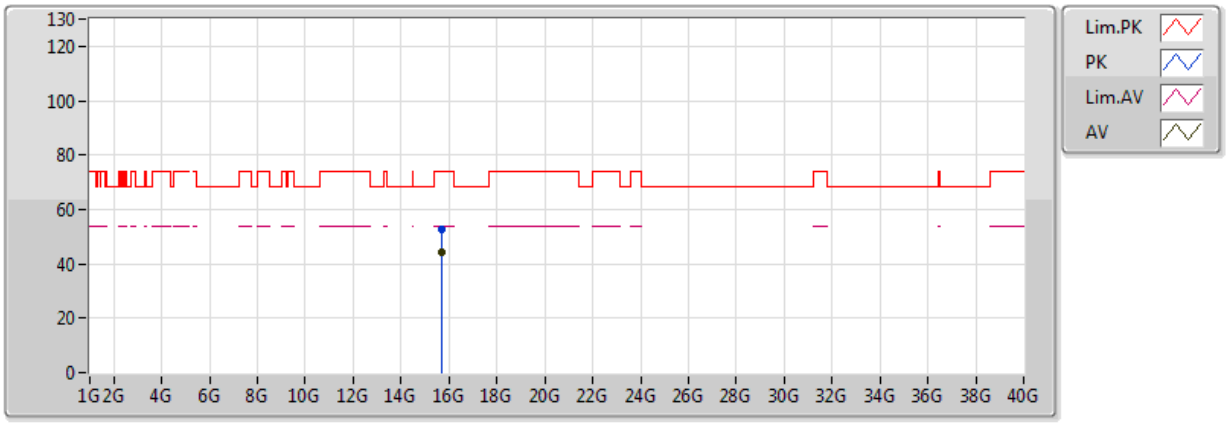


20170620
EUT Y_3TX
Setting 71
05-N-2-10
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.074G	52.11	54.00	-1.89	7.20	3	H	7	2.05	-
AV	5.236G	105.61	Inf	-Inf	7.48	3	H	7	2.05	-
AV	5.396G	53.88	54.00	-0.12	7.74	3	H	7	2.05	-
PK	5.149995G	65.05	74.00	-8.95	7.33	3	H	7	2.05	-
PK	5.234G	115.20	Inf	-Inf	7.48	3	H	7	2.05	-
PK	5.374G	64.85	74.00	-9.15	7.71	3	H	7	2.05	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5230MHz_TX

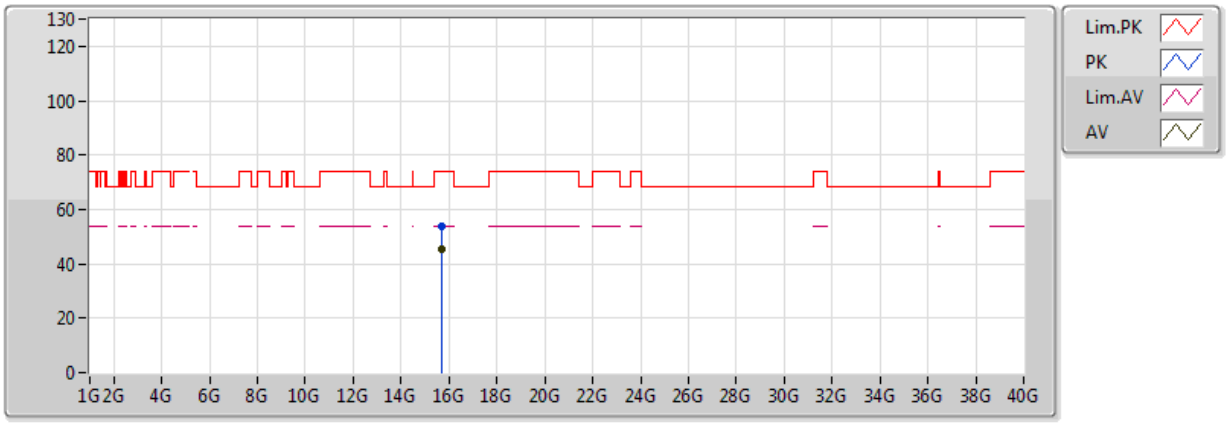


20170620
EUT Y_3TX
Setting 71
05-N-2
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.68128G	44.54	54.00	-9.46	18.62	3	V	176	2.46	-
PK	15.68288G	52.77	74.00	-21.23	18.62	3	V	176	2.46	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5230MHz_TX

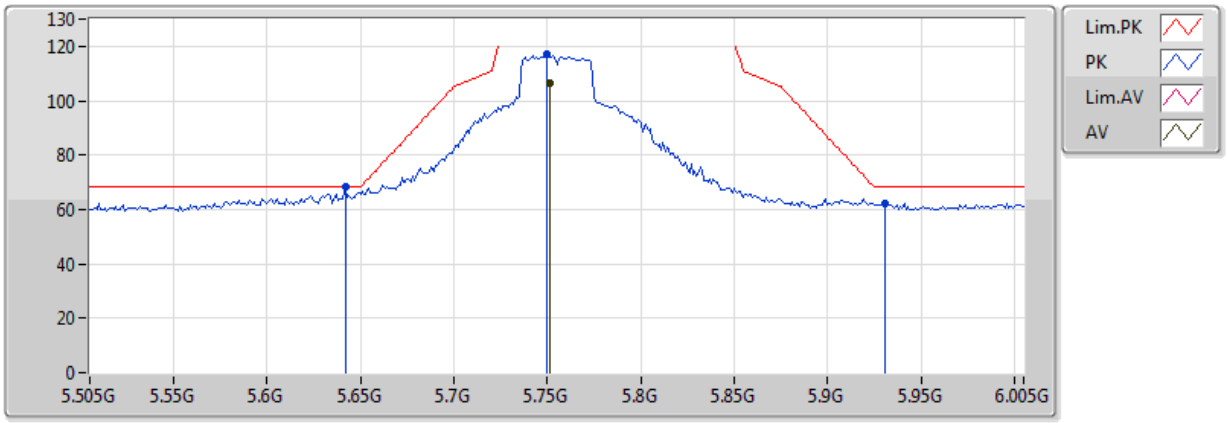


20170620
EUT Y_3TX
Setting 71
05-N-2
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.681G	45.59	54.00	-8.41	18.63	3	H	116	1.63	-
PK	15.698G	53.61	74.00	-20.39	18.57	3	H	116	1.63	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5755MHz_TX

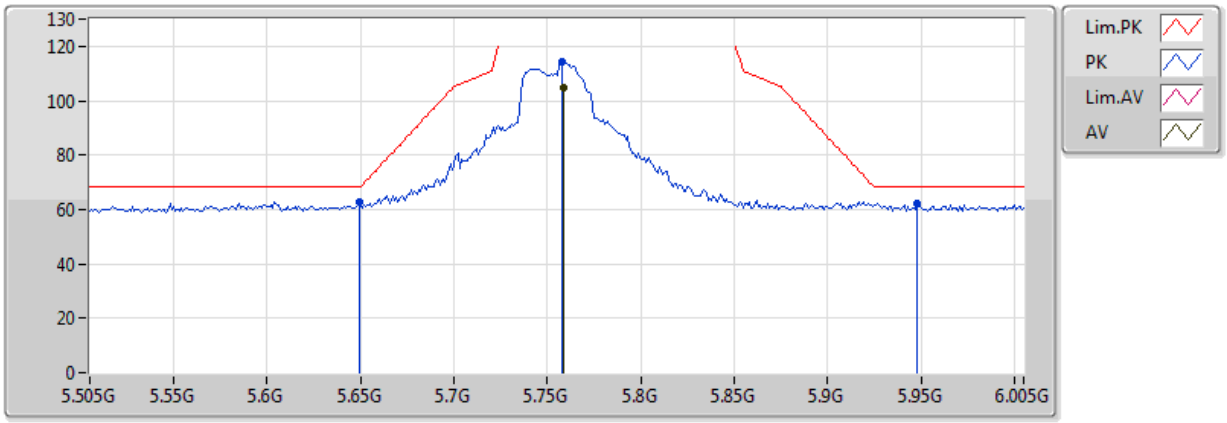


20170620
EUT Y_3TX
Setting 76
05-N-2-10
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.751G	106.44	Inf	-Inf	8.41	3	V	348	1.66	-
PK	5.642G	68.12	68.20	-0.08	8.21	3	V	348	1.66	-
PK	5.75G	117.21	Inf	-Inf	8.41	3	V	348	1.66	-
PK	5.931G	62.33	68.20	-5.87	8.84	3	V	348	1.66	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5755MHz_TX

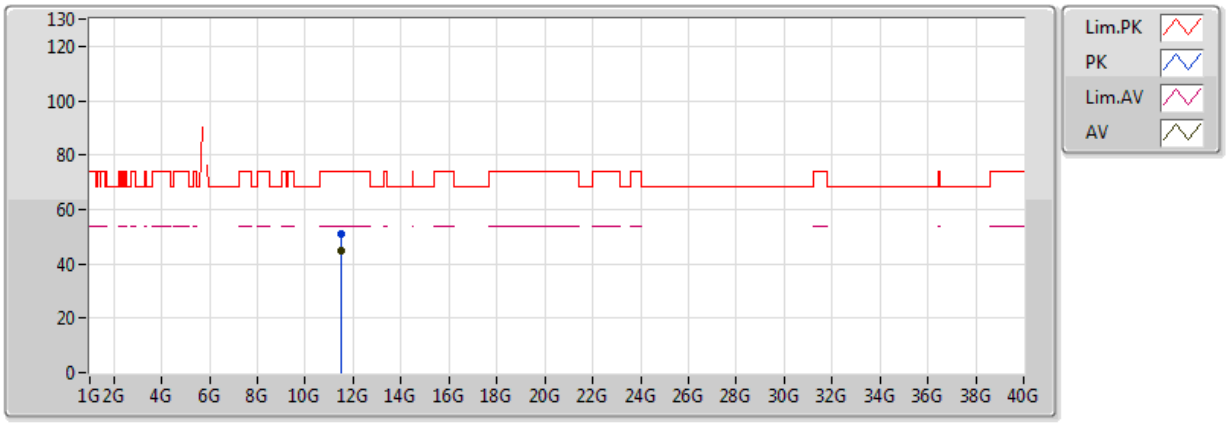


20170620
EUT Y_3TX
Setting 76
05-N-2-10
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.759G	105.00	Inf	-Inf	8.42	3	H	9	1.04	-
PK	5.649G	62.72	68.20	-5.48	8.22	3	H	9	1.04	-
PK	5.758G	114.54	Inf	-Inf	8.42	3	H	9	1.04	-
PK	5.948G	62.07	68.20	-6.13	8.88	3	H	9	1.04	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5755MHz_TX

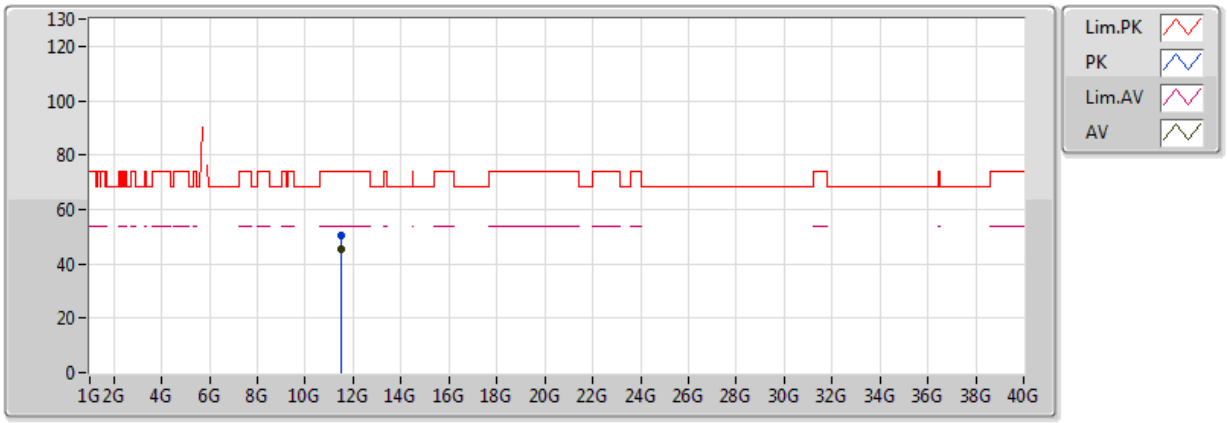


20170620
EUT Y_3TX
Setting 76
05-N-2
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.52212G	44.56	54.00	-9.44	17.96	3	V	225	2.34	-
PK	11.49584G	51.18	74.00	-22.82	17.99	3	V	225	2.34	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5755MHz_TX

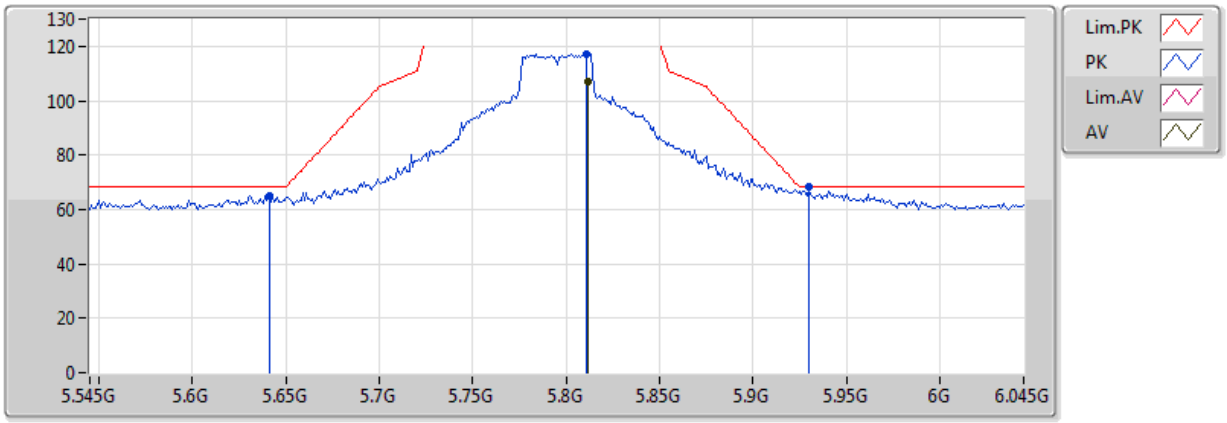


20170620
EUT Y_3TX
Setting 76
05-N-2
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.52404G	45.22	54.00	-8.78	17.96	3	H	161	1.53	-
PK	11.51732G	50.48	74.00	-23.52	17.96	3	H	161	1.53	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5795MHz_TX

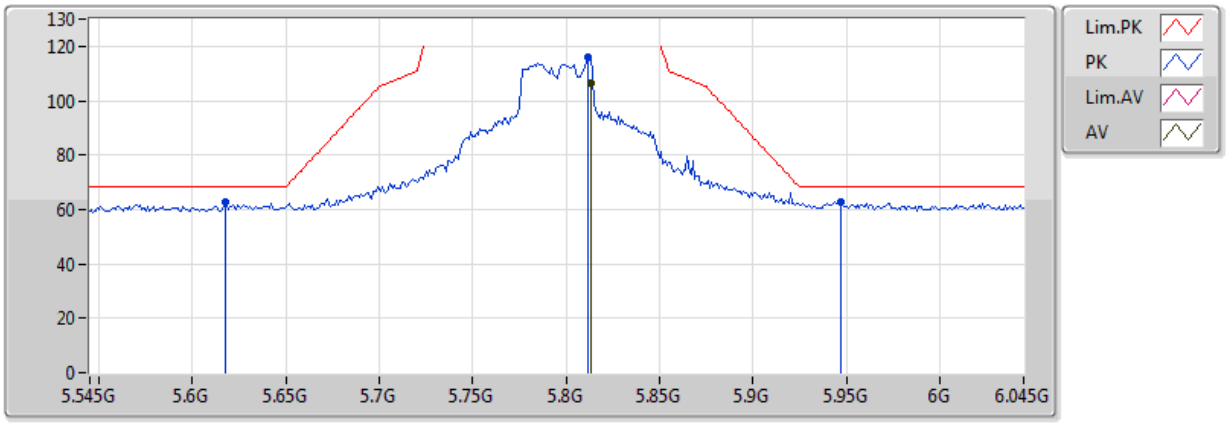


20170620
EUT Y_3TX
Setting 79
05-N-2-10
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.812G	107.30	Inf	-Inf	8.53	3	V	346	1.55	-
PK	5.641G	65.06	68.20	-3.14	8.20	3	V	346	1.55	-
PK	5.811G	117.12	Inf	-Inf	8.53	3	V	346	1.55	-
PK	5.93G	68.10	68.20	-0.10	8.84	3	V	346	1.55	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5795MHz_TX

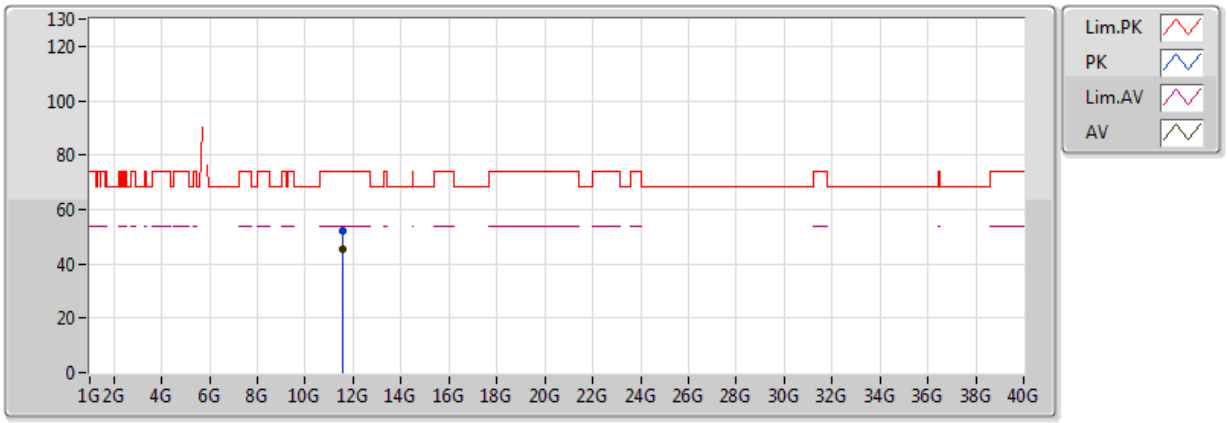


20170620
EUT Y_3TX
Setting 79
05-N-2-10
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.813G	106.57	Inf	-Inf	8.53	3	H	8	1.10	-
PK	5.618G	62.85	68.20	-5.35	8.16	3	H	8	1.10	-
PK	5.812G	116.10	Inf	-Inf	8.53	3	H	8	1.10	-
PK	5.947G	62.78	68.20	-5.42	8.88	3	H	8	1.10	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5795MHz_TX

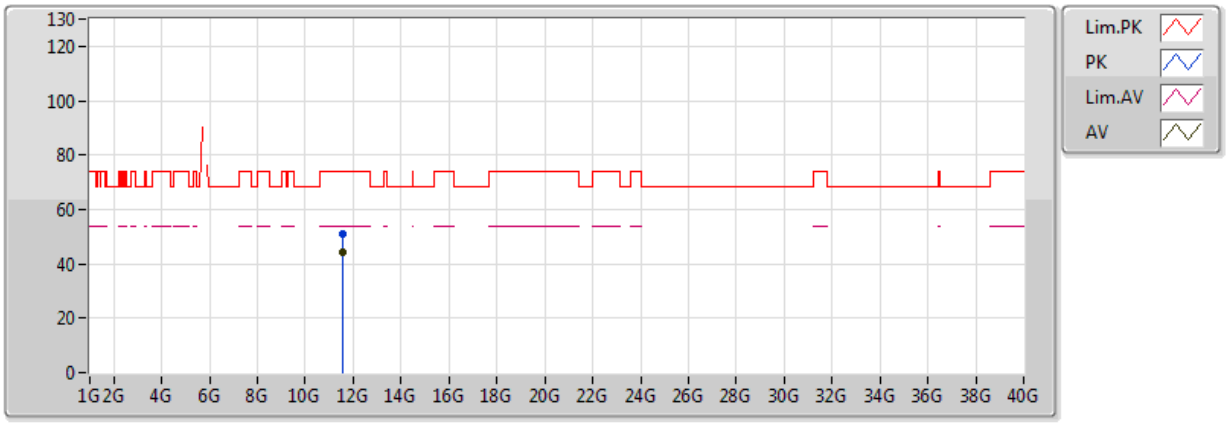


20170620
EUT Y_3TX
Setting 79
05-N-2
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.58046G	45.15	54.00	-8.85	17.89	3	V	32	1.31	-
PK	11.58022G	52.02	74.00	-21.98	17.89	3	V	32	1.31	-

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5795MHz_TX

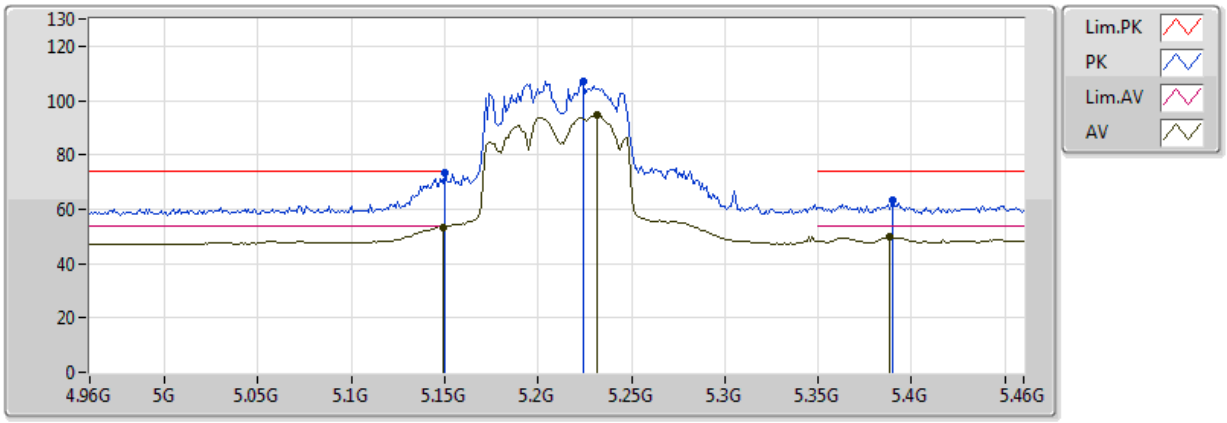


20170620
EUT Y_3TX
Setting 79
05-N-2
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.59024G	44.15	54.00	-9.85	17.88	3	H	151	1.33	-
PK	11.58196G	51.25	74.00	-22.75	17.89	3	H	151	1.33	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5210MHz_TX

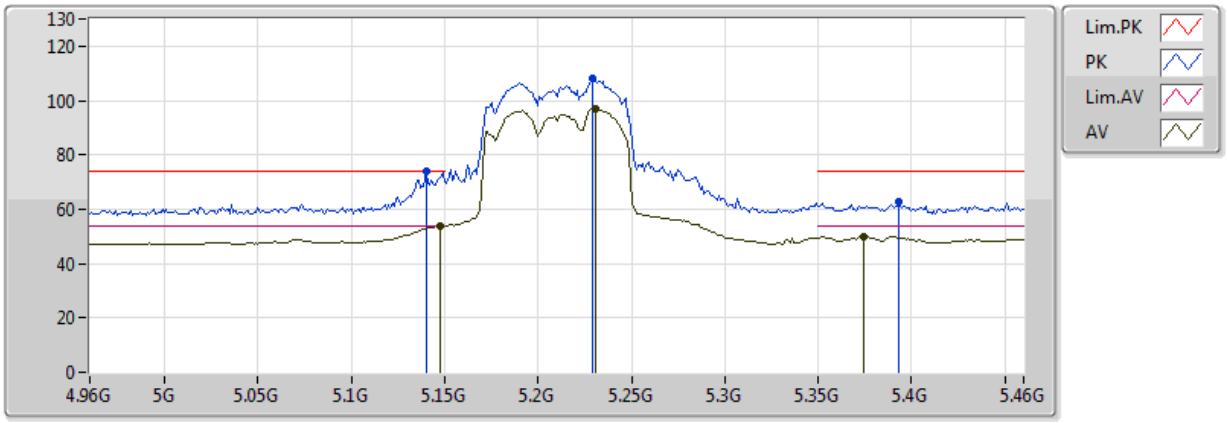


20170620
EUT Y_3TX
Setting 49
05-N-2-10
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149G	53.	54.00	-0.14	7.33	3	V	0	2.66	-
AV	5.232G	94.47	Inf	-Inf	7.47	3	V	0	2.66	-
AV	5.388G	49.75	54.00	-4.25	7.73	3	V	0	2.66	-
PK	5.149995G	73.39	74.00	-0.61	7.33	3	V	0	2.66	-
PK	5.224G	107.16	Inf	-Inf	7.46	3	V	0	2.66	-
PK	5.39G	63.45	74.00	-10.55	7.73	3	V	0	2.66	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5210MHz_TX

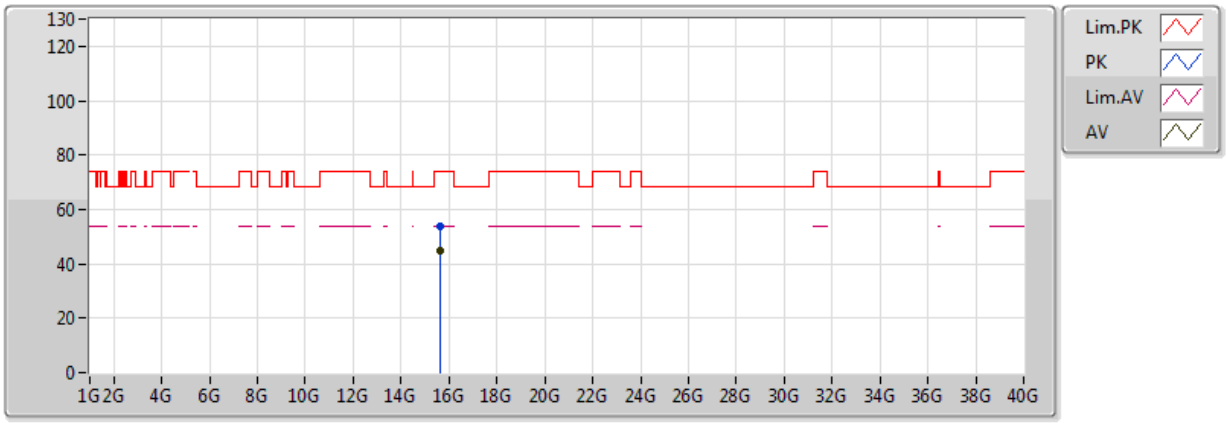


20170620
EUT Y_3TX
Setting 49
05-N-2-10
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.148G	53.97	54.00	-0.03	7.33	3	H	7	2.04	-
AV	5.231G	97.16	Inf	-Inf	7.47	3	H	7	2.04	-
AV	5.374G	49.92	54.00	-4.08	7.71	3	H	7	2.04	-
PK	5.14G	73.96	74.00	-0.04	7.32	3	H	7	2.04	-
PK	5.229G	107.96	Inf	-Inf	7.47	3	H	7	2.04	-
PK	5.393G	62.86	74.00	-11.14	7.74	3	H	7	2.04	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5210MHz_TX

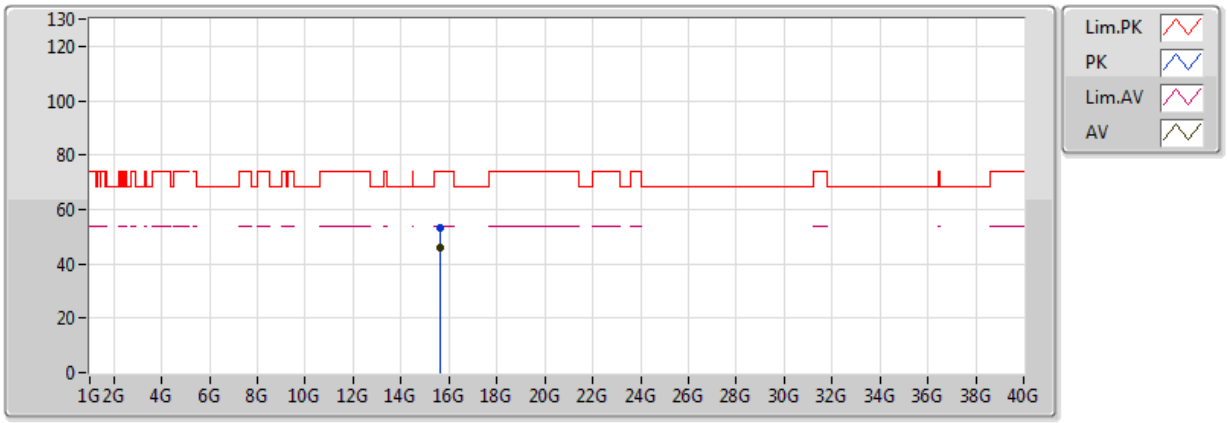


20170620
EUT Y_3TX
Setting 49
05-N-2
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.63114G	44.96	54.00	-9.04	18.78	3	V	211	1.18	-
PK	15.61728G	53.61	74.00	-20.39	18.82	3	V	211	1.18	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5210MHz_TX

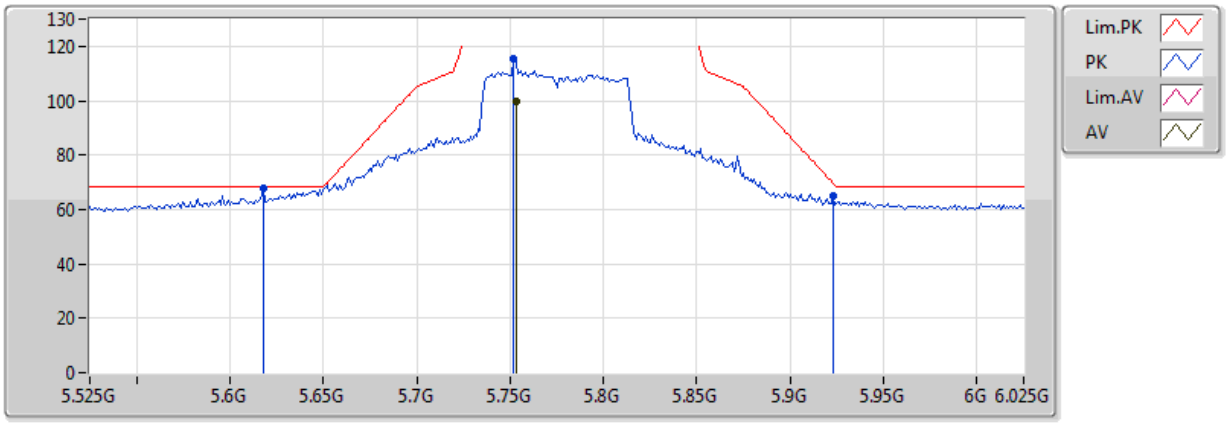


20170620
EUT Y_3TX
Setting 49
05-N-2
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.64158G	45.95	54.00	-8.05	18.75	3	H	33	1.99	-
PK	15.6279G	53.07	74.00	-20.93	18.79	3	H	33	1.99	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5775MHz_TX

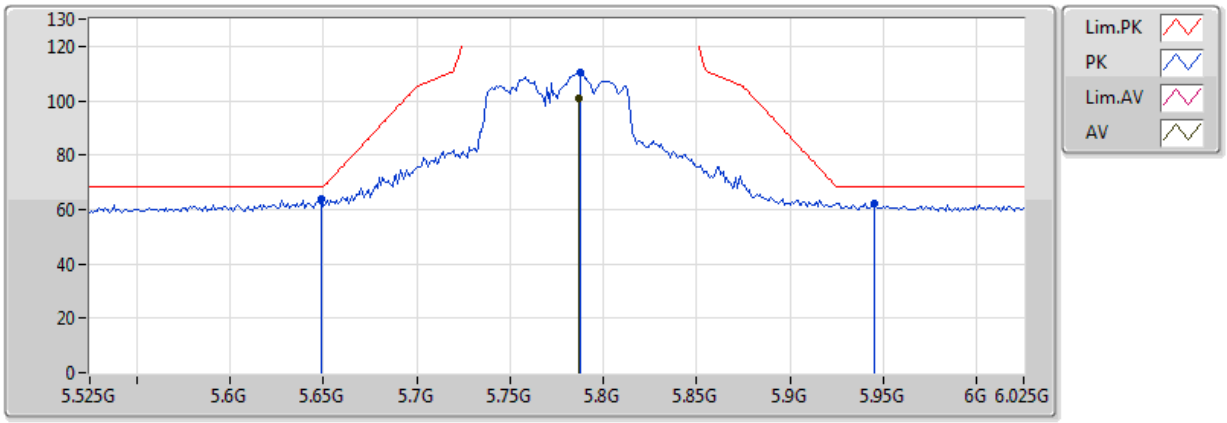


20170620
EUT Y_3TX
Setting 64
05-N-2-10
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.753G	99.74	Inf	-Inf	8.41	3	V	0	1.70	-
PK	5.618G	67.97	68.20	-0.23	8.16	3	V	0	1.70	-
PK	5.752G	115.42	Inf	-Inf	8.41	3	V	0	1.70	-
PK	5.923G	64.83	69.68	-4.85	8.82	3	V	0	1.70	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5775MHz_TX

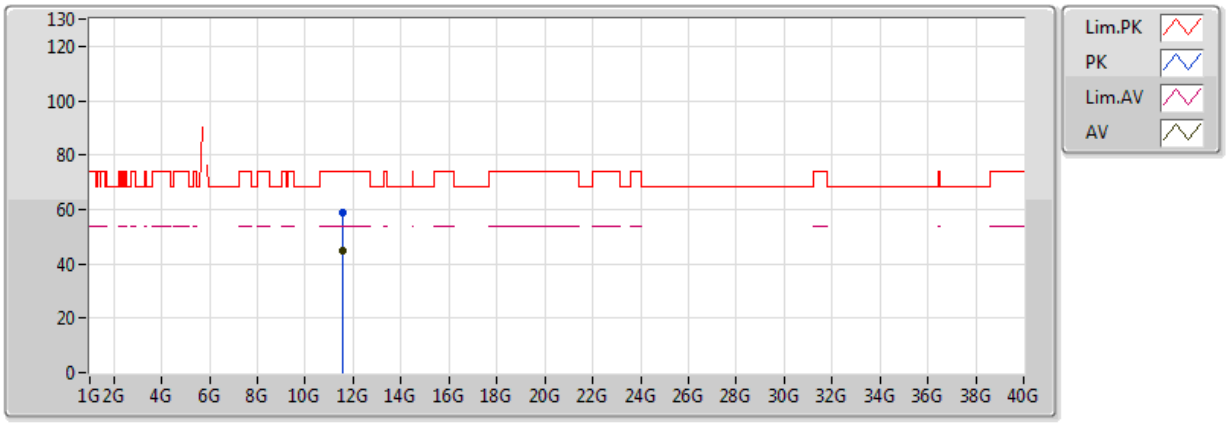


20170620
EUT Y_3TX
Setting 64
05-N-2-10
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.787G	100.71	Inf	-Inf	8.48	3	H	8	1.05	-
PK	5.649G	63.85	68.20	-4.35	8.22	3	H	8	1.05	-
PK	5.788G	110.57	Inf	-Inf	8.48	3	H	8	1.05	-
PK	5.945G	62.21	68.20	-5.99	8.87	3	H	8	1.05	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5775MHz_TX

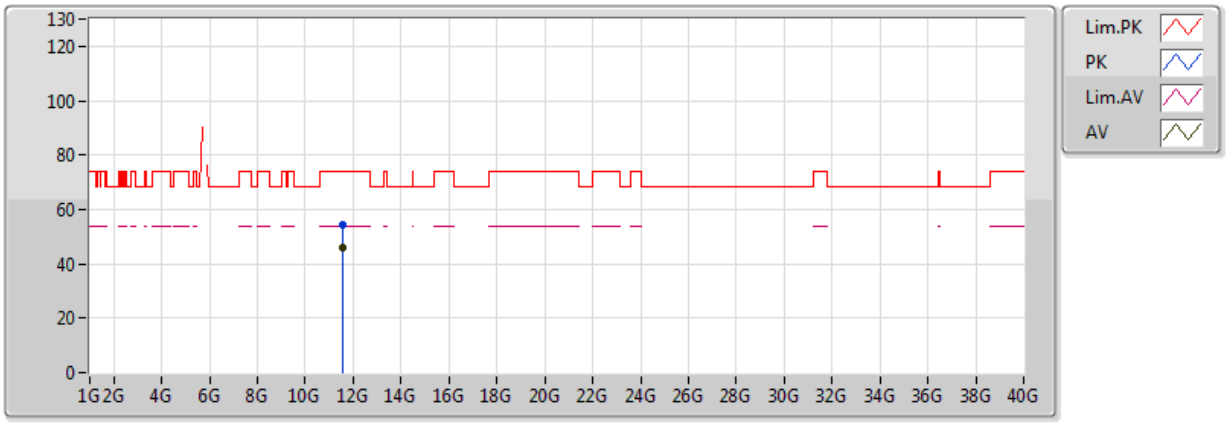


20170620
EUT Y_3TX
Setting 64
05-N-2
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.55896G	44.97	54.00	-9.03	17.92	3	V	89	1.49	-
PK	11.54072G	58.74	74.00	-15.26	17.94	3	V	89	1.49	-

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5775MHz_TX



20170620
EUT Y_3TX
Setting 64
05-N-2
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.55296G	45.67	54.00	-8.33	17.92	3	H	154	1.12	-
PK	11.54412G	54.15	74.00	-19.85	17.93	3	H	154	1.12	-

Mode: 20 MHz / Ant. 2

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5199.9636	5199.9631	5199.9626	5199.9624
110.00	5199.9635	5199.9630	5199.9629	5199.9620
93.50	5199.9632	5199.9626	5199.9622	5199.9617
Max. Deviation (MHz)	0.0368	0.0374	0.0378	0.0383
Max. Deviation (ppm)	7.08	7.19	7.27	7.37
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5199.9598	5199.9597	5199.9589	5199.9584
10	5199.9618	5199.9611	5199.9605	5199.9601
20	5199.9635	5199.9632	5199.9622	5199.9614
30	5199.9958	5199.9950	5199.9948	5199.9947
40	5199.9959	5199.9953	5199.9948	5199.9944
Max. Deviation (MHz)	0.0421	0.0431	0.0434	0.0435
Max. Deviation (ppm)	8.10	8.29	8.35	8.37
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5784.9638	5784.9630	5784.9626	5784.9624
110.00	5784.9635	5784.9631	5784.9622	5784.9612
93.50	5784.9632	5784.9626	5784.9623	5784.9615
Max. Deviation (MHz)	0.0368	0.0374	0.0378	0.0388
Max. Deviation (ppm)	6.36	6.46	6.53	6.71
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5784.9621	5784.9617	5784.9613	5784.9606
10	5784.9629	5784.9628	5784.9623	5784.9618
20	5784.9635	5784.9630	5784.9624	5784.9619
30	5784.9958	5784.9951	5784.9942	5784.9937
40	5784.9960	5784.9958	5784.9953	5784.9945
Max. Deviation (MHz)	0.0420	0.0426	0.0430	0.0436
Max. Deviation (ppm)	7.26	7.36	7.43	7.54
Result	Pass			

Mode: 40 MHz / Ant. 2

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5189.9639	5189.9630	5189.9620	5189.9616
110.00	5189.9635	5189.9629	5189.9624	5189.9621
93.50	5189.9632	5189.9625	5189.9621	5189.9619
Max. Deviation (MHz)	0.0368	0.0375	0.0380	0.0384
Max. Deviation (ppm)	7.09	7.23	7.32	7.40
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5189.9609	5189.9608	5189.9607	5189.9603
10	5189.9619	5189.9616	5189.9609	5189.9602
20	5189.9635	5189.9628	5189.9623	5189.9617
30	5189.9958	5189.9955	5189.9952	5189.9948
40	5189.9976	5189.9968	5189.9963	5189.9958
Max. Deviation (MHz)	0.0431	0.0435	0.0438	0.0445
Max. Deviation (ppm)	8.30	8.38	8.44	8.57
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5754.9638	5754.9634	5754.9624	5754.9619
110.00	5754.9635	5754.9627	5754.9624	5754.9617
93.50	5754.9628	5754.9625	5754.9615	5754.9612
Max. Deviation (MHz)	0.0372	0.0375	0.0385	0.0388
Max. Deviation (ppm)	6.46	6.52	6.69	6.74
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5754.9615	5754.9610	5754.9604	5754.9596
10	5754.9621	5754.9616	5754.9607	5754.9602
20	5754.9635	5754.9633	5754.9631	5754.9623
30	5754.9958	5754.9956	5754.9951	5754.9942
40	5754.9966	5754.9965	5754.9956	5754.9951
Max. Deviation (MHz)	0.0432	0.0439	0.0448	0.0454
Max. Deviation (ppm)	7.51	7.63	7.78	7.89
Result	Pass			

Mode: 80 MHz / Ant. 2

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5210 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5209.9643	5209.9638	5209.9629	5209.9625
110.00	5209.9635	5209.9628	5209.9621	5209.9618
93.50	5209.9631	5209.9629	5209.9622	5209.9618
Max. Deviation (MHz)	0.0369	0.0372	0.0379	0.0382
Max. Deviation (ppm)	7.08	7.14	7.27	7.33
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5210 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5209.9599	5209.9594	5209.9584	5209.9575
10	5209.9616	5209.9610	5209.9609	5209.9606
20	5209.9635	5209.9631	5209.9621	5209.9620
30	5209.9958	5209.9953	5209.9945	5209.9944
40	5209.9978	5209.9975	5209.9965	5209.9961
Max. Deviation (MHz)	0.0423	0.0429	0.0435	0.0438
Max. Deviation (ppm)	8.12	8.23	8.35	8.41
Result	Pass			

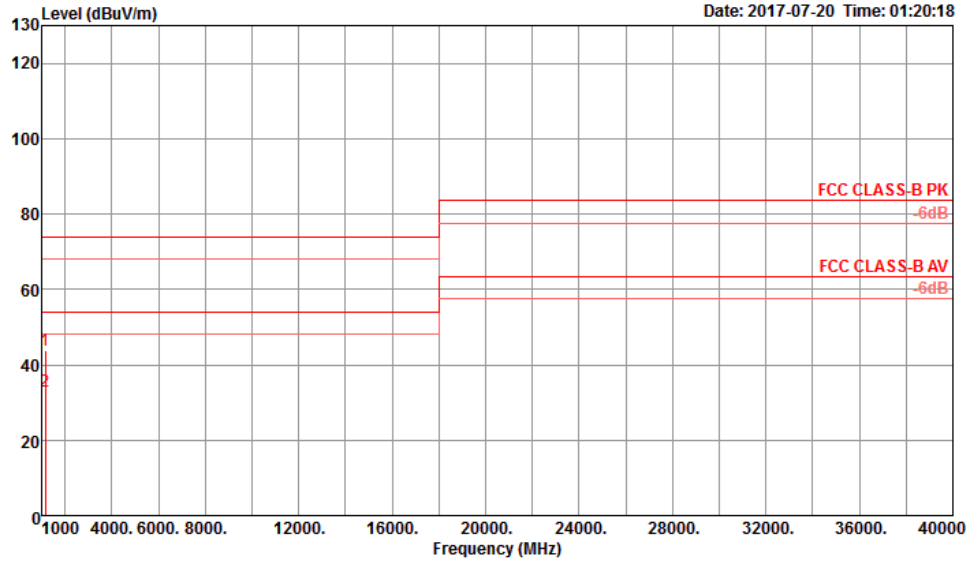
Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5774.9637	5774.9633	5774.9629	5774.9620
110.00	5774.9635	5774.9634	5774.9628	5774.9626
93.50	5774.9632	5774.9629	5774.9621	5774.9617
Max. Deviation (MHz)	0.0368	0.0371	0.0379	0.0383
Max. Deviation (ppm)	6.37	6.42	6.56	6.63
Result	Pass			

Temperature vs. Frequency Stability

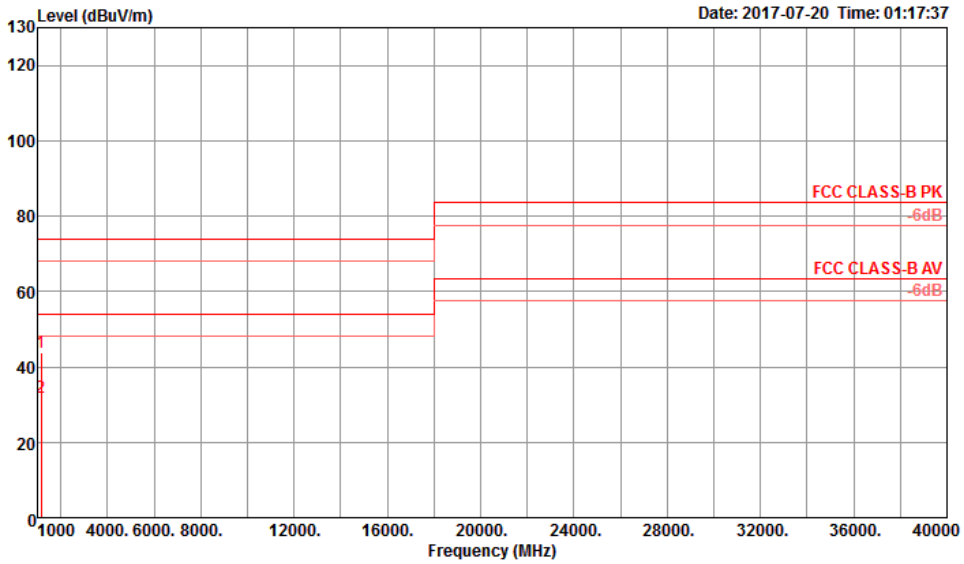
Temperature	Measurement Frequency (MHz)			
(℃)	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5774.9604	5774.9603	5774.9598	5774.9596
10	5774.9615	5774.9605	5774.9600	5774.9593
20	5774.9635	5774.9627	5774.9622	5774.9616
30	5774.9958	5774.9951	5774.9944	5774.9938
40	5774.9976	5774.9974	5774.9970	5774.9965
Max. Deviation (MHz)	0.0416	0.0422	0.0430	0.0440
Max. Deviation (ppm)	7.20	7.31	7.45	7.62
Result	Pass			

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



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1168.46	43.67	74.00	-30.33	50.63	2.99	24.34	34.29	100	360	Peak	HORIZONTAL
2	1169.00	33.10	54.00	-20.90	40.06	2.99	24.34	34.29	100	360	Average	HORIZONTAL

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



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1168.06	43.72	74.00	-30.28	50.68	2.99	24.34	34.29	100	360	Peak	VERTICAL
2	1168.46	32.04	54.00	-21.96	39.00	2.99	24.34	34.29	100	360	Average	VERTICAL