FCC Test Report

Equipment	:	AC2200 Smart Whole-Home Wi-Fi System
Brand Name	:	TP-Link
Model No.	:	Deco M6
FCC ID	:	TE7M6
Standard	:	47 CFR FCC Part 15.407
Operating Band	:	5150 MHz – 5250 MHz 5725 MHz – 5850 MHz
Applicant	:	TP-Link Technologies Co., Ltd. Building 24 (floors 1,3,4,5) and 28 (floors1-4) Central Science and Technology Park,Shennan Rd, Nanshan, Shenzhen,China
Manufacturer	:	TP-Link Technologies Co., Ltd. Building 24 (floors 1,3,4,5) and 28 (floors1-4) Central Science and Technology Park,Shennan Rd, Nanshan, Shenzhen,China
Function	:	☐ Outdoor; ☒ Indoor; ☐ Fixed P2P ☐ Client

The product sample received on May 18, 2017 and completely tested on Jul. 04, 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.

Sam Chen
SPORTON INTERNATIONAL INC.

Testing Laboratory
1190

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Summary of Test Result

Conformance Test Specifications			
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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
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3.6	15.407(g)	Frequency Stability	Complied

Revision History

Report No.	Version	Description	Issued Date
FR751835AB	Rev. 01	Initial issue of report	Sep. 04, 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	2TX
5.15-5.25GHz	802.11n HT20	20	2TX
5.15-5.25GHz	802.11n HT20-BF	20	2TX
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11ac VHT20-BF	20	2TX
5.15-5.25GHz	802.11n HT40	40	2TX
5.15-5.25GHz	802.11n HT40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.15-5.25GHz	802.11ac VHT40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.15-5.25GHz	802.11ac VHT80-BF	80	2TX
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11n HT20-BF	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ac VHT20-BF	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11n HT40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ac VHT80-BF	80	2TX

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

1.1.2 Antenna Information

Ant.	Brand	Product Number	Type	Connector	Gain (dBi)	Remark
1	TP-LINK	3101501303	Omni-Directional	I-PEX	1.2	WLAN 2.4GHz TX/RX
2	TP-LINK	3101501305	Omni-Directional	I-PEX	1.3	WLAN 2.4GHz TX/RX
3	TP-LINK	3101501307	Omni-Directional	I-PEX	0.85	WLAN 5GHz band 1 TX/RX
4	TP-LINK	3101501309	Omni-Directional	I-PEX	0.64	WLAN 5GHz band 1 TX/RX
5	TP-LINK	3101501306	Omni-Directional	I-PEX	0.81	WLAN 5GHz band 4 TX/RX
6	TP-LINK	3101501308	Omni-Directional	I-PEX	0.88	WLAN 5GHz band 4 TX/RX
7	TP-LINK	6035500107	Omni-Directional	N/A	1.4	Bluetooth TX/RX
8	TP-LINK	3101501304	Omni-Directional	I-PEX	1.1	Zigbee TX/RX

Note: The EUT has eight antennas.

For WLAN 2.4GHz b/g/n/ac (2TX/2RX):
Ant. 1 (Port 1), and Ant. 2 (Port 2) can be used as transmitting/receiving antenna.
Ant. 1 (Port 1), and Ant. 2 (Port 2) could transmit/receive simultaneously.
For WLAN 5GHz band 1 a/n/ac (2TX/2RX):
Ant. 3 (Port 1), and Ant. 4 (Port 2) can be used as transmitting/receiving antenna.
Ant. 3 (Port 1), and Ant. 4 (Port 2) could transmit/receive simultaneously.
For WLAN 5GHz band 4 a/n/ac (2TX/2RX):
Ant. 5 (Port 1), and Ant. 6 (Port 2) can be used as transmitting/receiving antenna.
Ant. 5 (Port 1), and Ant. 6 (Port 2) could transmit/receive simultaneously.
For Bluetooth (1TX/1RX):
Only Ant. 7 (Port 1) can be used as transmitting/receiving antenna.
For Zigbee (1TX/1RX):
Only Ant. 8 (Port 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	0.963	0.164	2.033m	1k
802.11ac VHT20	0.985	0.066	4.975m	10
802.11ac VHT20-BF	0.921	0.357	1.815m	1k
802.11ac VHT40	0.964	0.159	2.413m	1k
802.11ac VHT40-BF	0.903	0.443	1.68m	1k
802.11ac VHT80	0.936	0.287	1.138m	1k
802.11ac VHT80-BF	0.933	0.933	2.015m	1k

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 802.11n/ac.			

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	Brian Sun	22°C / 54%	Jun. 27, 2017~Jul. 03, 2017
Radiated	03CH01-CB	Paul Chen, Jay Luo, Welson Chen	22°C / 54%	Jun. 20, 2017~Jul. 04, 2017
AC Conduction	CO01-CB	GN Hou	23°C / 53%	Jun. 27, 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)_2TX	-
5180MHz	22
5200MHz	22
5240MHz	22
5745MHz	22.5
5785MHz	22.5
5825MHz	22.5
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5180MHz	21
5200MHz	22
5240MHz	22
5745MHz	22.5
5785MHz	22.5
5825MHz	23
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5190MHz	20.5
5230MHz	22
5755MHz	22
5795MHz	22
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	21
5775MHz	22
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	22
5200MHz	25
5240MHz	25
5745MHz	25
5785MHz	25
5825MHz	25
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	21
5230MHz	25
5755MHz	25
5795MHz	25
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	21
5775MHz	25

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. One is beamforming mode, and the other is non-beamforming mode, and all test results were recorded in this 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 (Repeater mode)

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 (Repeater mode)
Operating Mode > 1GHz	CTX

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz+WLAN 5GHz+Bluetooth+Zigbee
Refer to Sporton Test Report No.: FA751835 for Co-location RF Exposure Evaluation.	

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

2. All the specification of test configurations and test modes were based on customer's request.

3. There are two modes of EUT, one is AP mode, and other is Repeater mode, Repeater mode was selected as representative test mode because it equipped with the most complicated functions.

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 RX Device and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

During the test, the following programs under WIN 7 were executed:

The remote notebook executed "ping.exe" to link with the EUT to maintain the connection by LAN, WAN and WLAN.

The remote notebook executed “Telent” to traffic packet data and sent instruction to another device.

The remote notebook executed “Telent” to control the EUT continuously transmit Bluetooth and Zigbee signal.

The remote notebook executed “Winthrax.exe“ to read and write data from EUT.

2.4 Accessories

Accessories				
No.	**Equipment Name**	**Brand Name**	**Model Name**	**Rating**
1	Adapter	TP-Link	T120200-2B4	Input: 100-240V ~ 50/60Hz, 0.8A Output: 12V, 2A

2.5 Support Equipment

For Test Site No: CO01-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*6	DELL	E6430	DoC
2	AP	TP-LINK	Deco M6	DoC
3	Device	TP-LINK	Deco M6	DoC
4	Flash disk3.0	Transcend	639205 7755	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*2	Apple	Mac Book	DoC
3	AP	TP-LINK	Deco M6	DoC
4	Device	TP-LINK	Deco M6	DoC
5	Flash disk	Silicon Power	I-Series	DoC

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

For non-beamforming mode:

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

For beamforming mode:

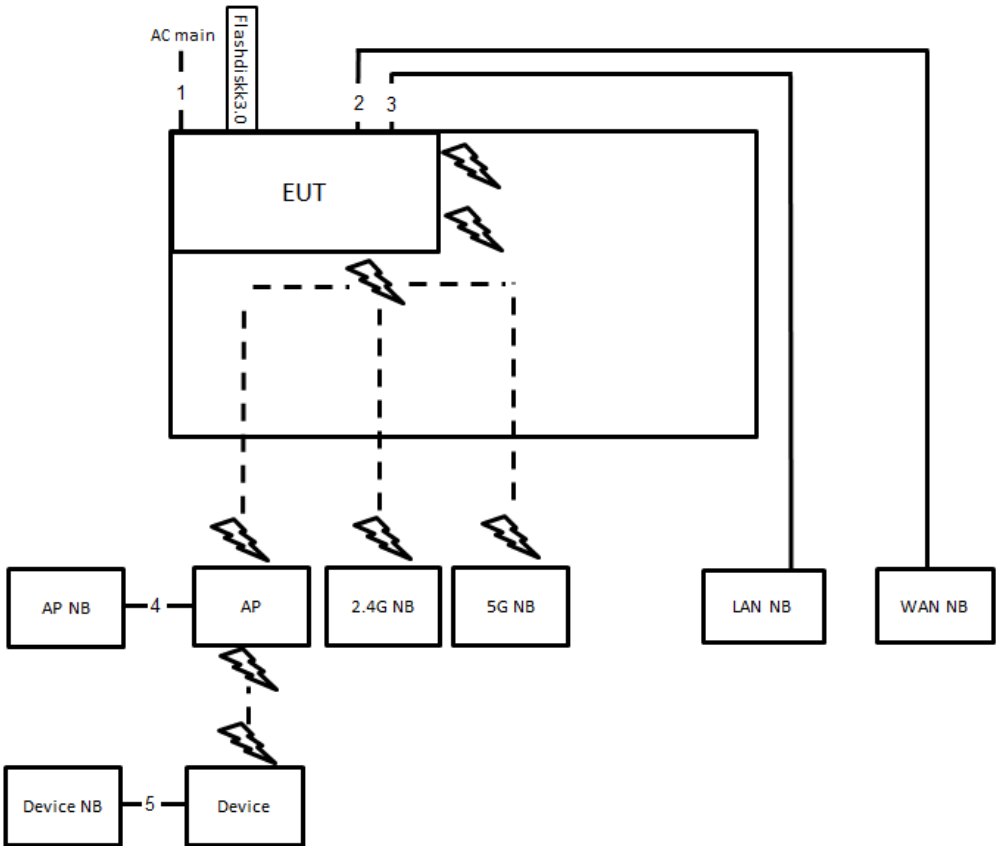
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*2	DELL	E4300	DoC
2	RX Device	TP-LINK	Deco M6	DoC

For Test Site No: TH01-CB

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

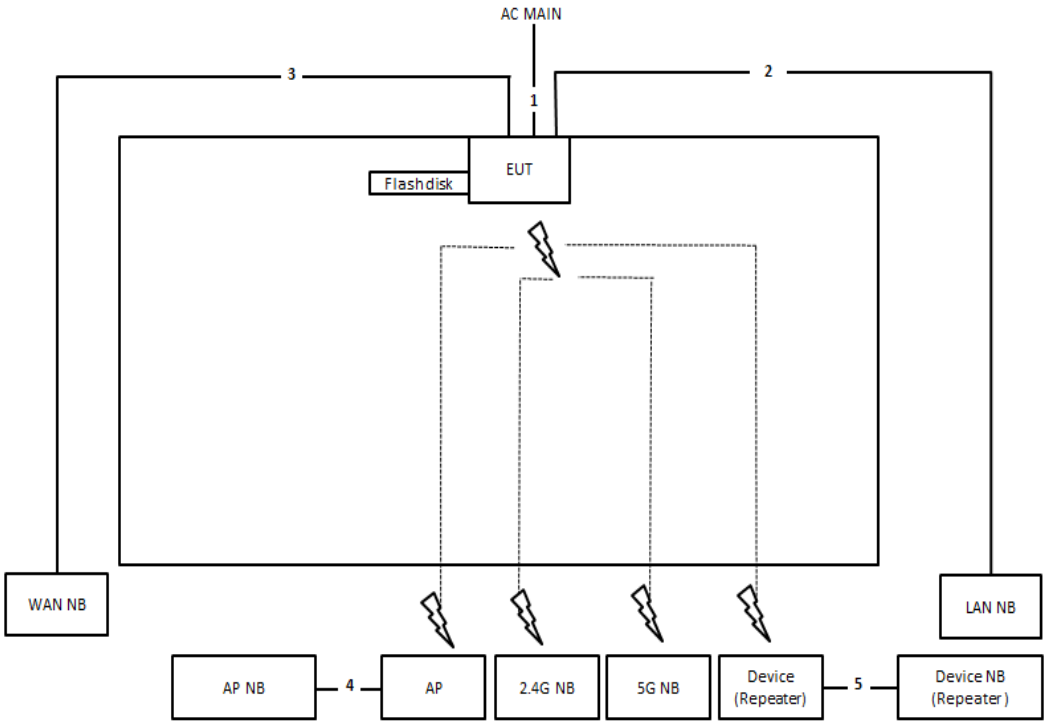
2.6 Test Setup Diagram

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	1.5m

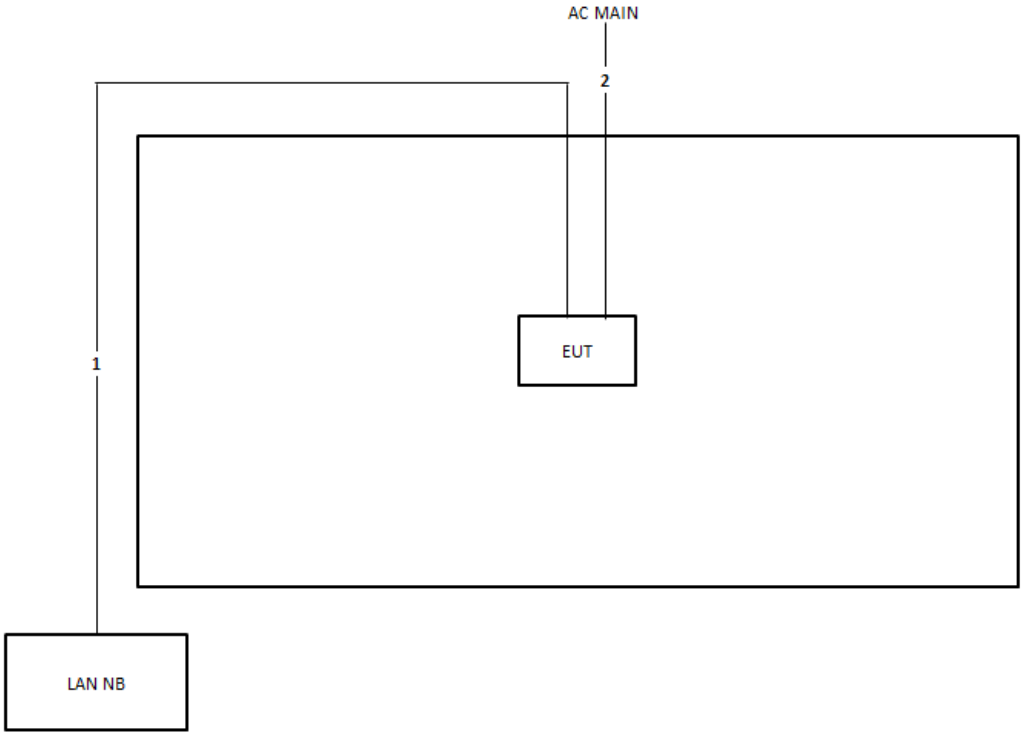
Test Setup Diagram - Radiated Test < 1GHz



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	1.5m
5	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz

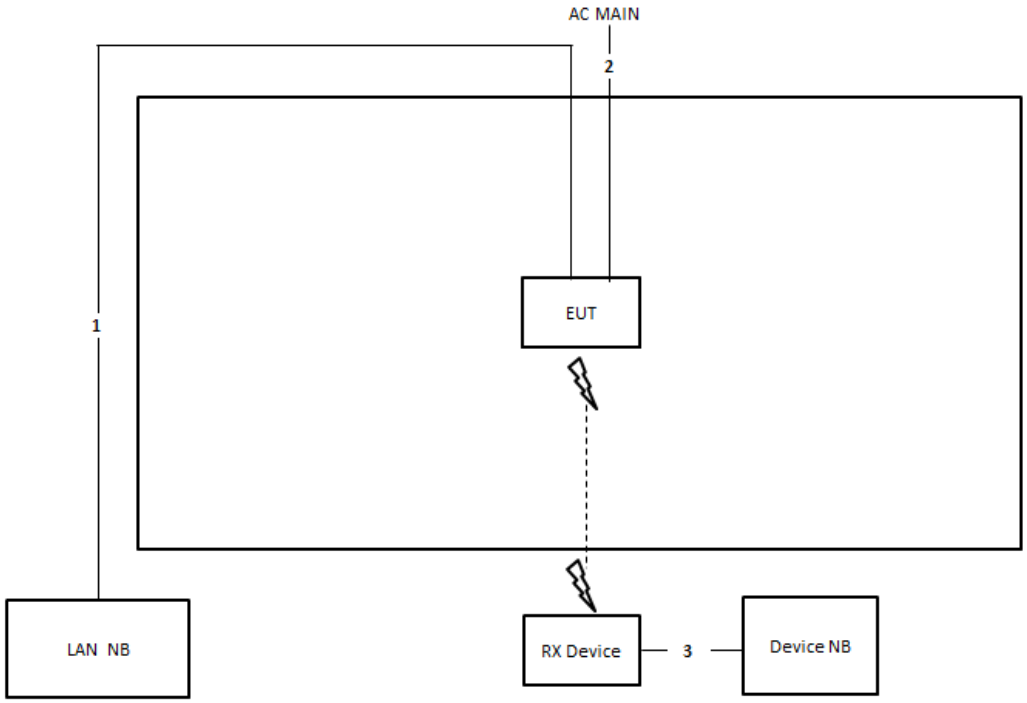
For non-beamforming mode:



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

Test Setup Diagram - Radiated Test > 1GHz

For beamforming mode:



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

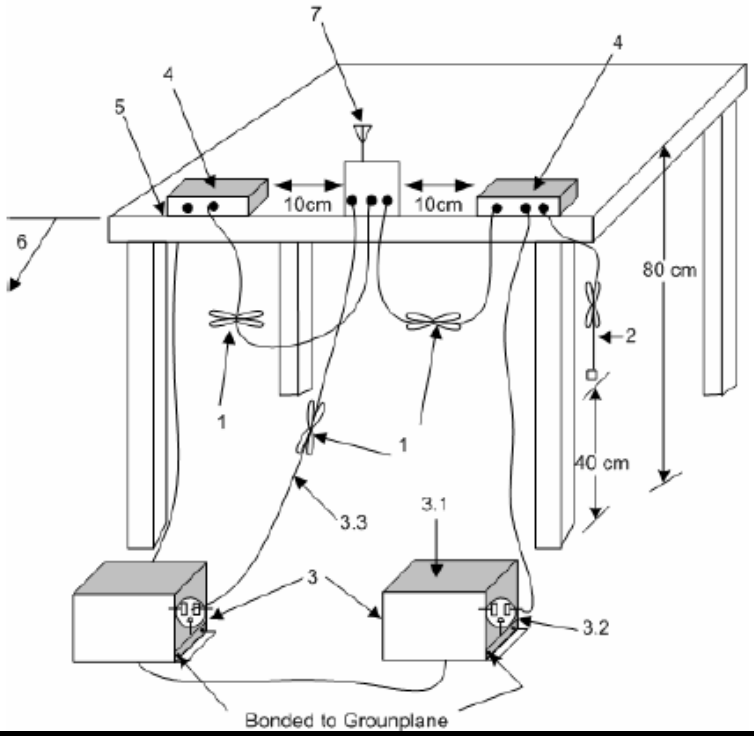
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

3.2.2 Measuring Instruments

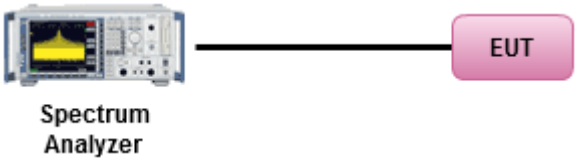
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☐	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the peak power spectral density (PPSD) ≤ 4 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 17 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 17 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

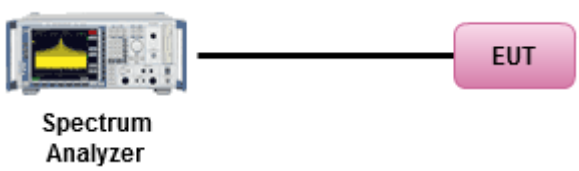
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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.

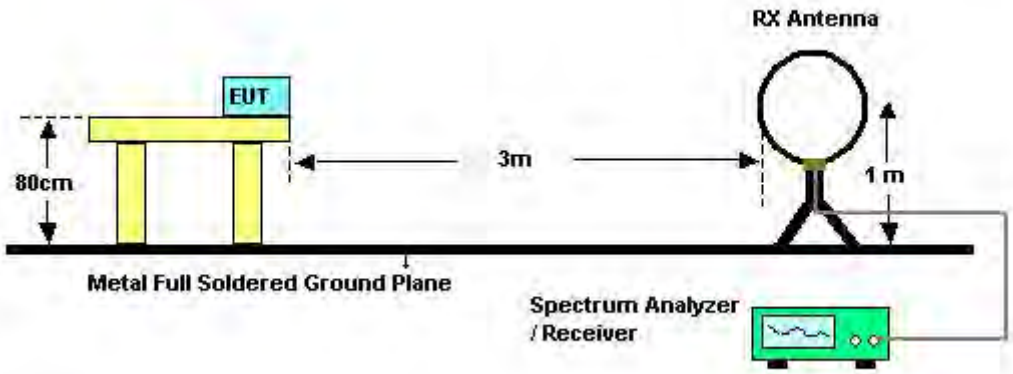
3.5.3 Test Procedures

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.		

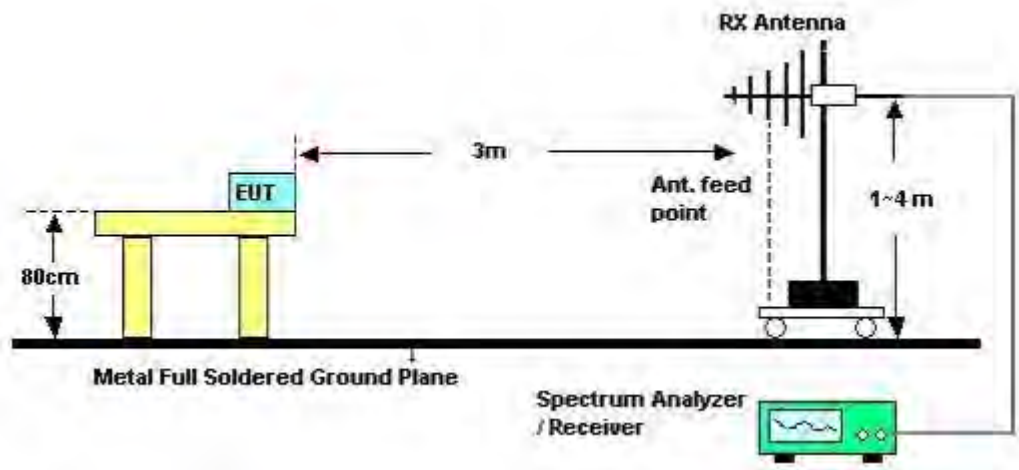
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

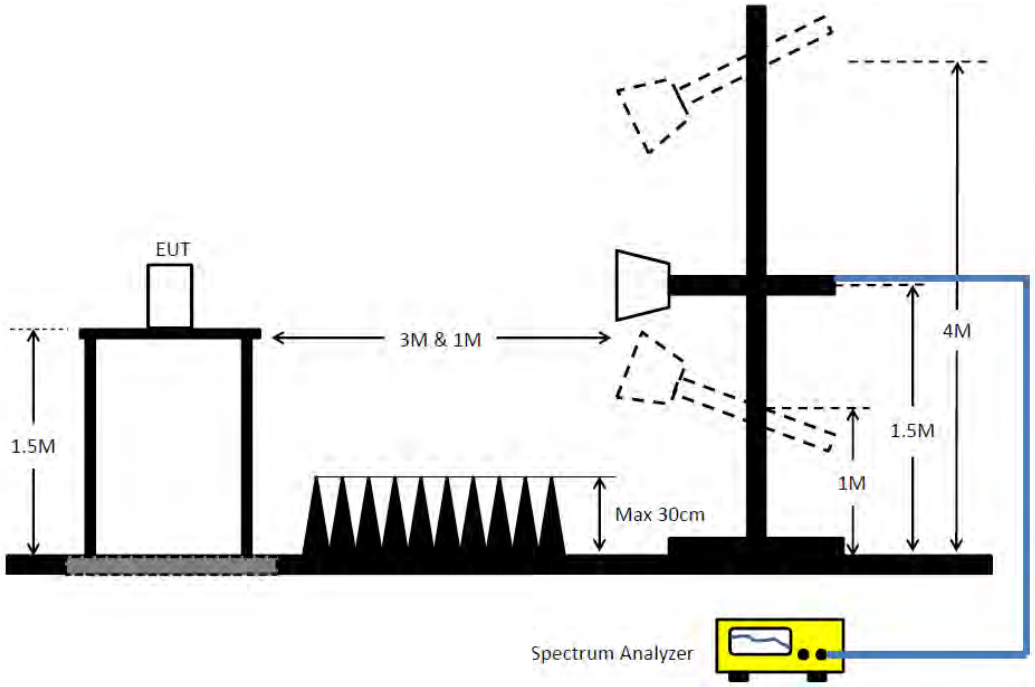
9kHz ~30MHz



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

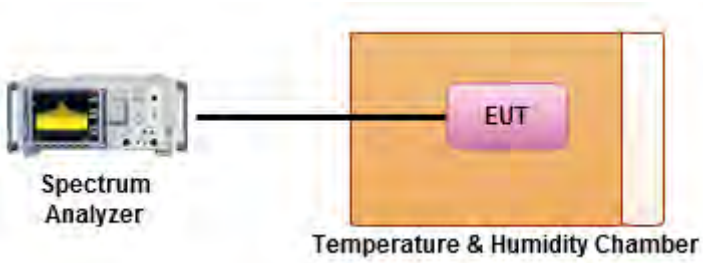
Refer a test equipment and calibration data table in this test report.

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)
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)
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)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2016*	Radiation (10CH01-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)

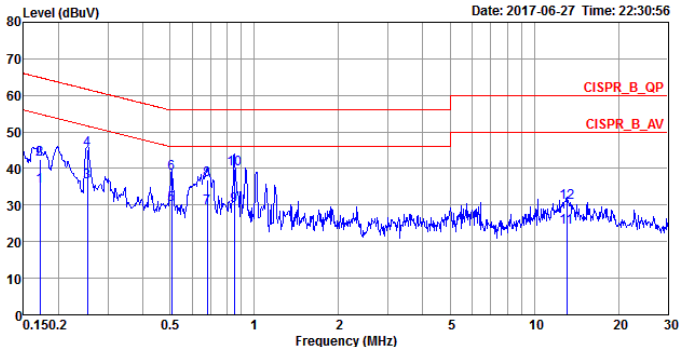
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
RF Cable-high	Woken	RG402	High Cable-6	1 GHz – 26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-7	1 GHz –26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-8	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.

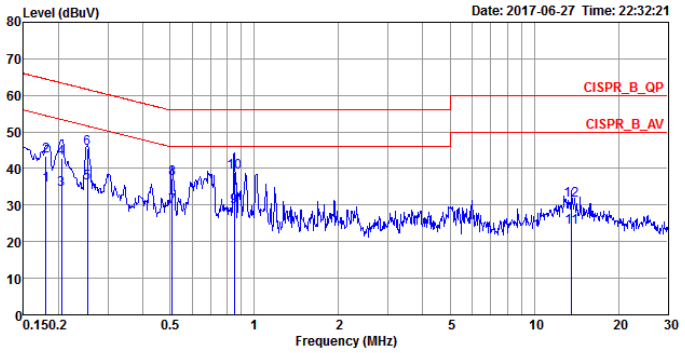
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Normal Link (Repeater mode)		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.1712	35.12	-19.78	54.90	24.87	10.10	0.15	Average	NEUTRAL
2	0.1712	42.61	-22.29	64.90	32.36	10.10	0.15	QP	NEUTRAL
3	0.2535	36.25	-15.39	51.64	26.08	10.08	0.09	Average	NEUTRAL
4	0.2535	45.24	-16.40	61.64	35.07	10.08	0.09	QP	NEUTRAL
5	0.5074	30.04	-15.96	46.00	19.76	10.22	0.06	Average	NEUTRAL
6	0.5074	38.64	-17.36	56.00	28.36	10.22	0.06	QP	NEUTRAL
7	0.6790	29.10	-16.90	46.00	18.82	10.17	0.11	Average	NEUTRAL
8	0.6790	36.99	-19.01	56.00	26.71	10.17	0.11	QP	NEUTRAL
9	0.8483	29.93	-16.07	46.00	19.67	10.10	0.16	Average	NEUTRAL
10	0.8483	39.85	-16.15	56.00	29.59	10.10	0.16	QP	NEUTRAL
11	13.0575	23.87	-26.13	50.00	13.45	10.24	0.18	Average	NEUTRAL
12	13.0575	30.65	-29.35	60.00	20.23	10.24	0.18	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 (Repeater mode)		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.1806	35.42	-19.04	54.46	25.37	9.91	0.14	Average	LINE
2	0.1806	43.37	-21.09	64.46	33.32	9.91	0.14	QP	LINE
3	0.2050	34.28	-19.12	53.40	24.23	9.92	0.13	Average	LINE
4	0.2050	42.69	-20.71	63.40	32.64	9.92	0.13	QP	LINE
5	0.2535	36.09	-15.55	51.64	26.08	9.92	0.09	Average	LINE
6	0.2535	45.45	-16.19	61.64	35.44	9.92	0.09	QP	LINE
7	0.5101	29.47	-16.53	46.00	19.46	9.95	0.06	Average	LINE
8	0.5101	37.27	-18.73	56.00	27.26	9.95	0.06	QP	LINE
9	0.8483	29.51	-16.49	46.00	19.39	9.96	0.16	Average	LINE
10	0.8483	38.96	-17.04	56.00	28.84	9.96	0.16	QP	LINE
11	13.6228	24.01	-25.99	50.00	13.62	10.21	0.18	Average	LINE
12	13.6228	31.28	-28.72	60.00	20.89	10.21	0.18	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)_2TX	-	-	-	-	-
5.15-5.25GHz	22M	16.55M	16M5D1D	19.15M	16.475M
5.725-5.85GHz	16.3M	16.55M	16M5D1D	15.4M	16.475M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	20.675M	17.725M	17M7D1D	20.325M	17.675M
5.725-5.85GHz	17.575M	17.75M	17M7D1D	17.125M	17.65M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	41M	36.3M	36M3D1D	40.4M	36.2M
5.725-5.85GHz	35.9M	36.35M	36M3D1D	32.55M	36.2M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	86.2M	75.9M	75M9D1D	83.3M	75.8M
5.725-5.85GHz	76.3M	76.1M	76M1D1D	75.7M	75.9M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	21M	17.641M	17M6D1D	19.925M	17.616M
5.725-5.85GHz	17.275M	17.641M	17M6D1D	16.05M	17.591M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	39.1M	35.982M	36M0D1D	38.55M	35.932M
5.725-5.85GHz	35.65M	36.032M	36M0D1D	32.55M	35.932M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	81.8M	75.762M	75M8D1D	81.7M	75.562M
5.725-5.85GHz	72.6M	75.762M	75M8D1D	64.6M	75.662M

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

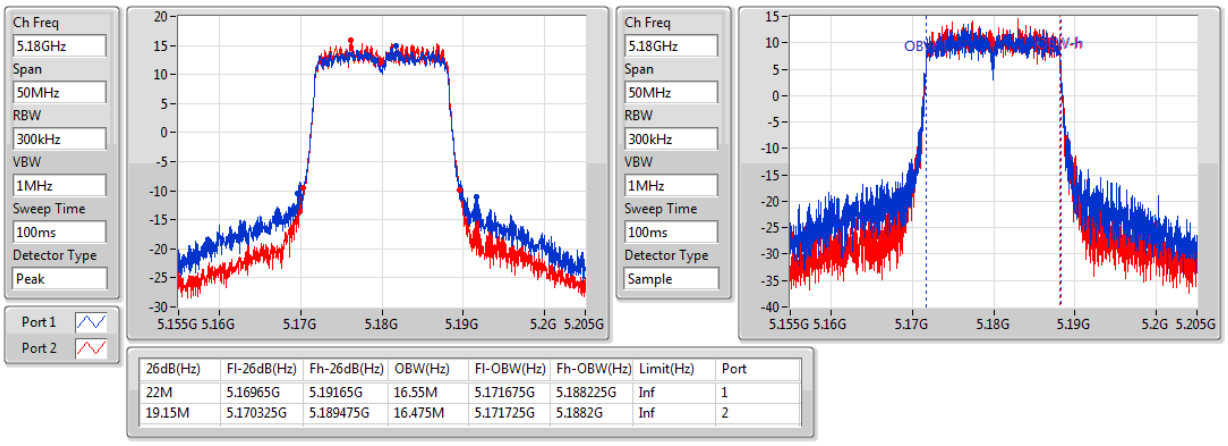
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22M	16.55M	19.15M	16.475M
5200MHz	Pass	Inf	20.125M	16.55M	19.4M	16.5M
5240MHz	Pass	Inf	20.275M	16.525M	19.375M	16.525M
5745MHz	Pass	500k	16.3M	16.55M	16.3M	16.475M
5785MHz	Pass	500k	16.3M	16.475M	16.3M	16.525M
5825MHz	Pass	500k	15.4M	16.475M	16.3M	16.5M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.5M	17.675M	20.325M	17.675M
5200MHz	Pass	Inf	20.675M	17.675M	20.575M	17.7M
5240MHz	Pass	Inf	20.5M	17.7M	20.6M	17.725M
5745MHz	Pass	500k	17.525M	17.725M	17.55M	17.675M
5785MHz	Pass	500k	17.125M	17.65M	17.525M	17.725M
5825MHz	Pass	500k	17.575M	17.75M	17.15M	17.725M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.65M	36.2M	40.55M	36.3M
5230MHz	Pass	Inf	41M	36.3M	40.4M	36.2M
5755MHz	Pass	500k	35.35M	36.25M	35.9M	36.35M
5795MHz	Pass	500k	32.55M	36.35M	35.65M	36.2M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	86.2M	75.9M	83.3M	75.8M
5775MHz	Pass	500k	76.3M	76.1M	75.7M	75.9M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	19.925M	17.616M	19.975M	17.616M
5200MHz	Pass	Inf	21M	17.641M	19.975M	17.616M
5240MHz	Pass	Inf	20.825M	17.641M	20.25M	17.616M
5745MHz	Pass	500k	17.125M	17.641M	16.05M	17.616M
5785MHz	Pass	500k	17.225M	17.616M	17.1M	17.641M
5825MHz	Pass	500k	16.525M	17.591M	17.275M	17.616M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	38.9M	35.982M	38.55M	35.982M
5230MHz	Pass	Inf	39.1M	35.982M	38.8M	35.932M
5755MHz	Pass	500k	32.55M	35.932M	35.65M	35.982M
5795MHz	Pass	500k	34.95M	35.982M	35M	36.032M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.8M	75.562M	81.7M	75.762M
5775MHz	Pass	500k	72.6M	75.662M	64.6M	75.762M

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)_2TX EBW

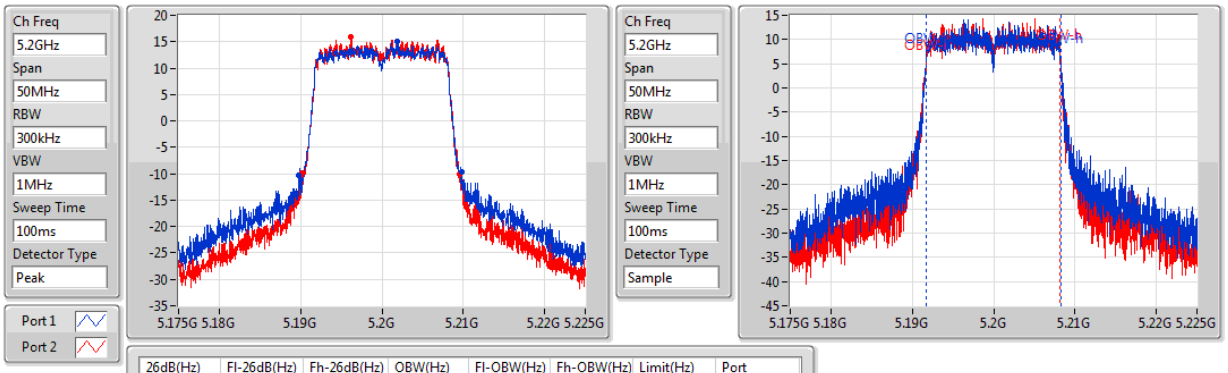
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22M	5.16965G	5.19165G	16.55M	5.171675G	5.188225G	Inf	1
19.15M	5.170325G	5.189475G	16.475M	5.171725G	5.1882G	Inf	2

802.11a_(6Mbps)_2TX EBW

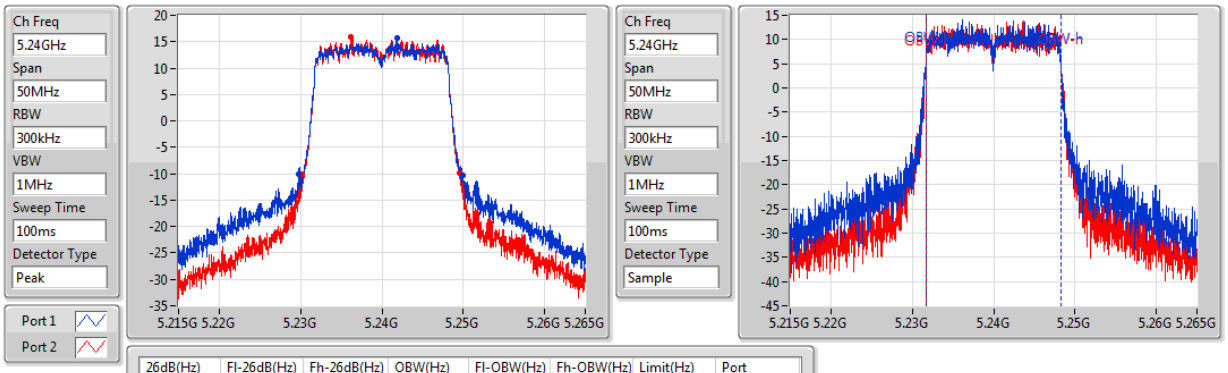
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.125M	5.189725G	5.20985G	16.55M	5.1917G	5.20825G	Inf	1
19.4M	5.190175G	5.209575G	16.5M	5.1917G	5.2082G	Inf	2

802.11a_(6Mbps)_2TX EBW

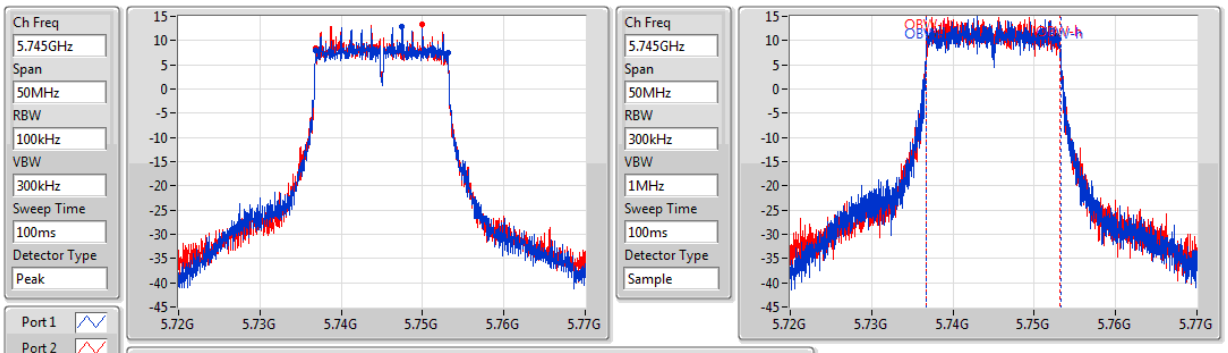
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.275M	5.2297G	5.249975G	16.525M	5.2317G	5.248225G	Inf	1
19.375M	5.230225G	5.2496G	16.525M	5.2317G	5.248225G	Inf	2

802.11a_(6Mbps)_2TX EBW

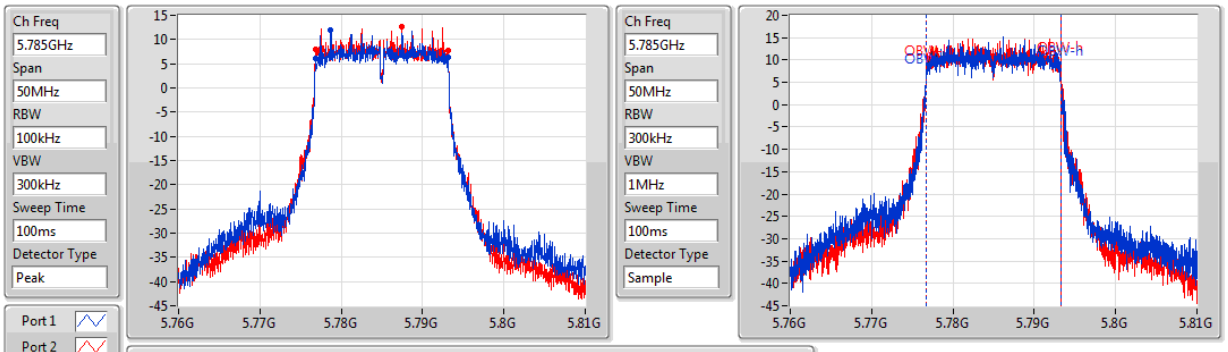
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	5.73685G	5.75315G	16.55M	5.7367G	5.75325G	500k	1
16.3M	5.73685G	5.75315G	16.475M	5.736725G	5.7532G	500k	2

802.11a_(6Mbps)_2TX EBW

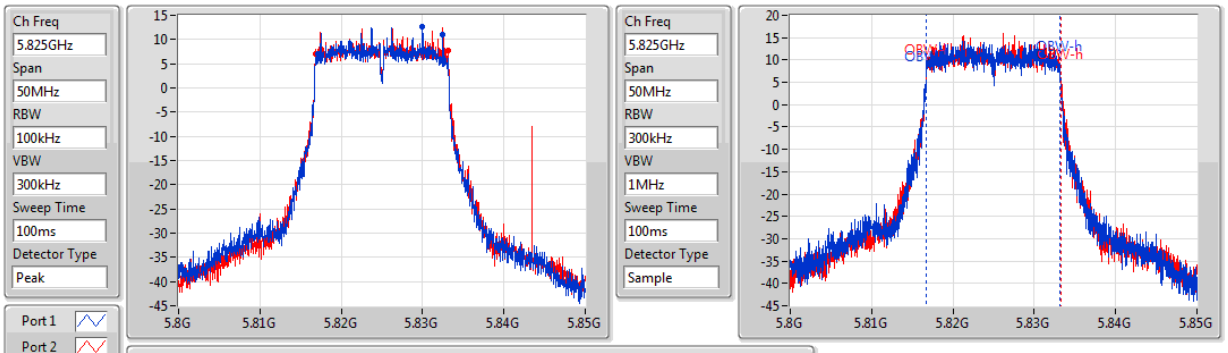
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	5.77685G	5.79315G	16.475M	5.77675G	5.793225G	500k	1
16.3M	5.776825G	5.793125G	16.525M	5.776725G	5.79325G	500k	2

802.11a_(6Mbps)_2TX EBW

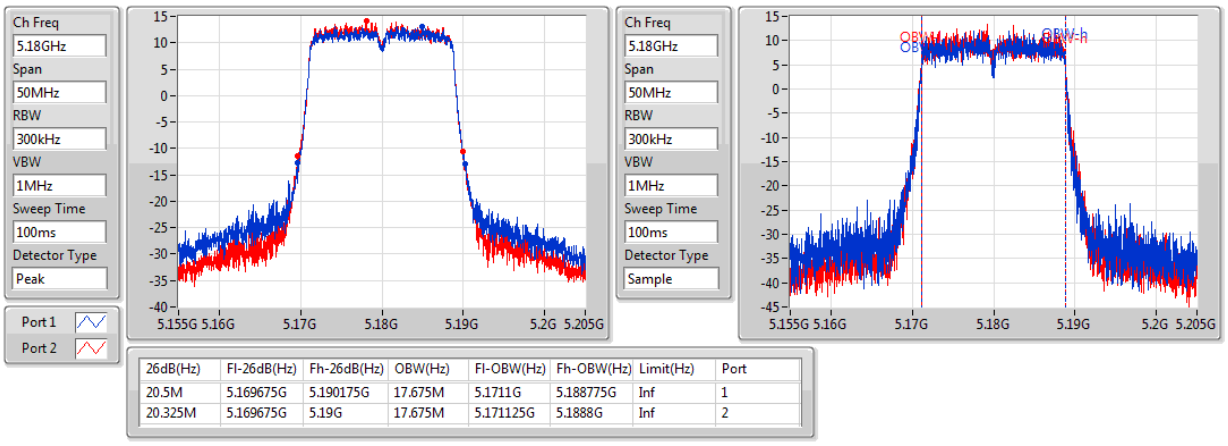
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.4M	5.8171G	5.8325G	16.475M	5.8167G	5.833175G	500k	1
16.3M	5.816825G	5.833125G	16.5M	5.816725G	5.833225G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

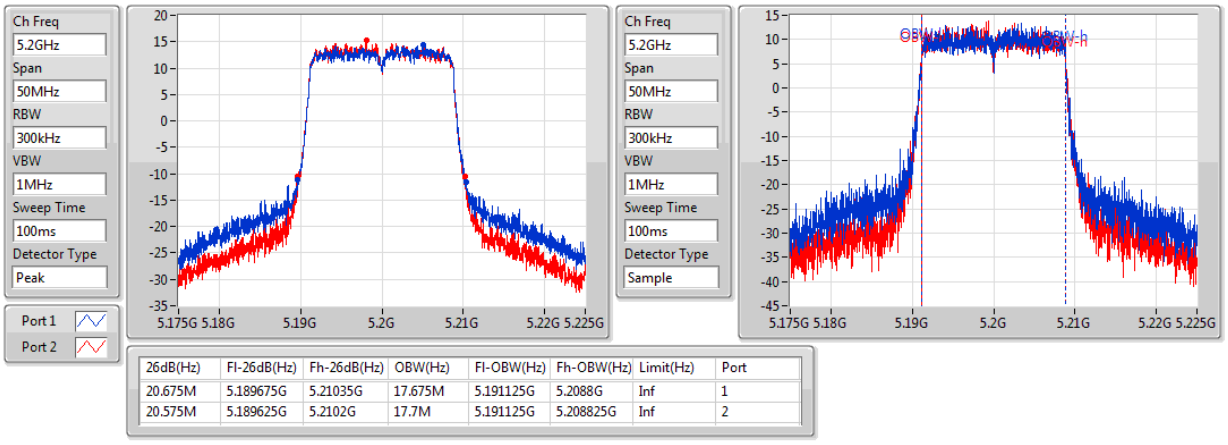
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.5M	5.169675G	5.190175G	17.675M	5.1711G	5.188775G	Inf	1
20.325M	5.169675G	5.19G	17.675M	5.171125G	5.1888G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

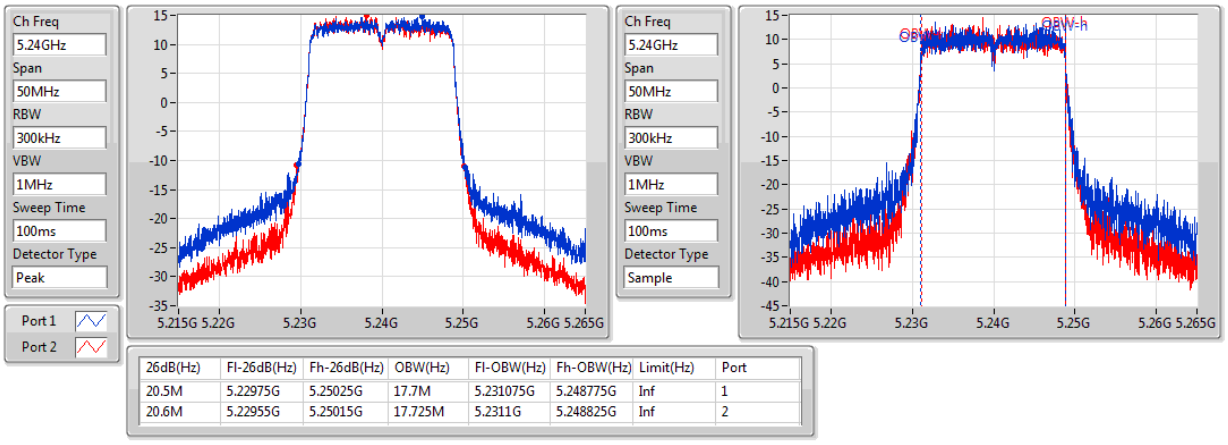
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.675M	5.189675G	5.21035G	17.675M	5.191125G	5.2088G	Inf	1
20.575M	5.189625G	5.2102G	17.7M	5.191125G	5.208825G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

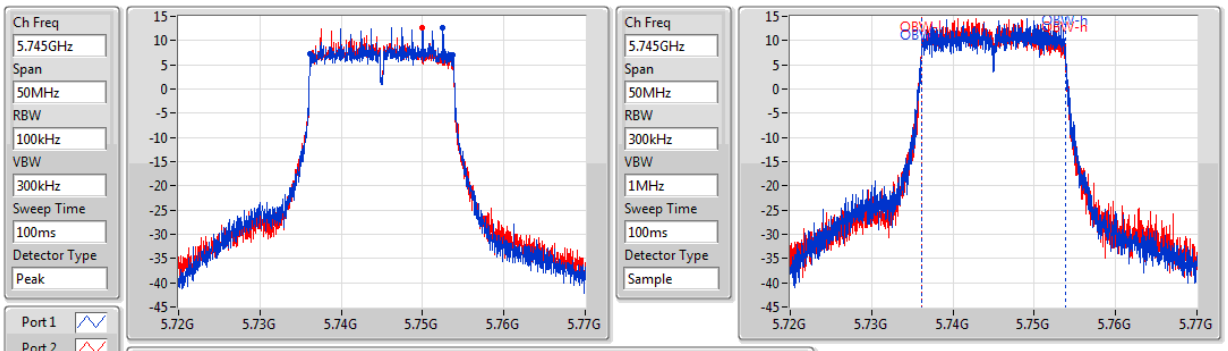
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.5M	5.22975G	5.25025G	17.7M	5.231075G	5.248775G	Inf	1
20.6M	5.22955G	5.25015G	17.725M	5.2311G	5.248825G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

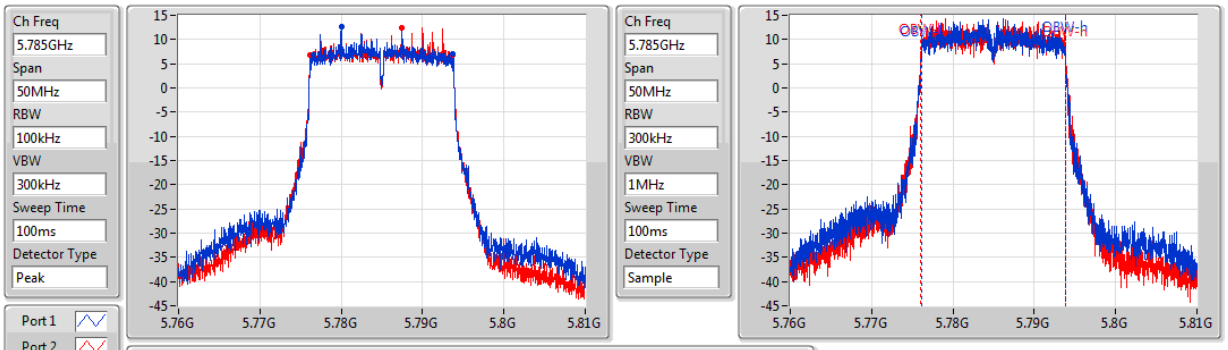
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	5.736225G	5.75375G	17.725M	5.7361G	5.753825G	500k	1
17.55M	5.7362G	5.75375G	17.675M	5.736125G	5.7538G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

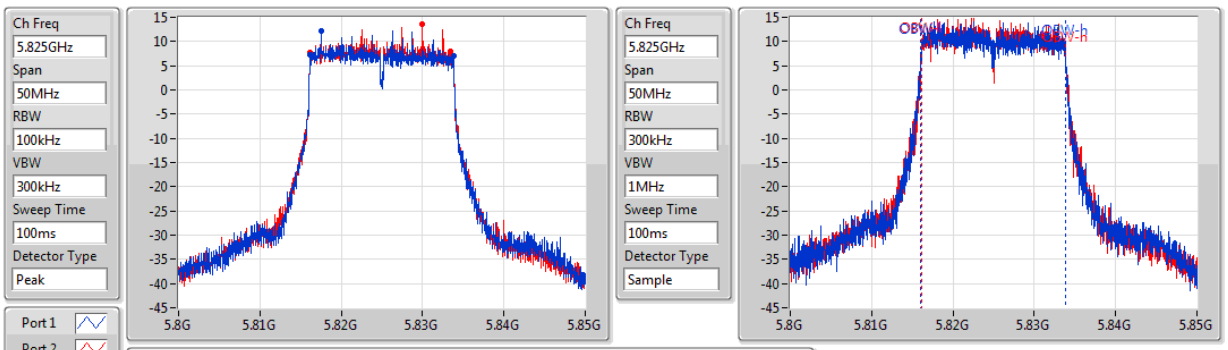
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.125M	5.776625G	5.79375G	17.65M	5.776125G	5.793775G	500k	1
17.525M	5.776225G	5.79375G	17.725M	5.776075G	5.7938G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

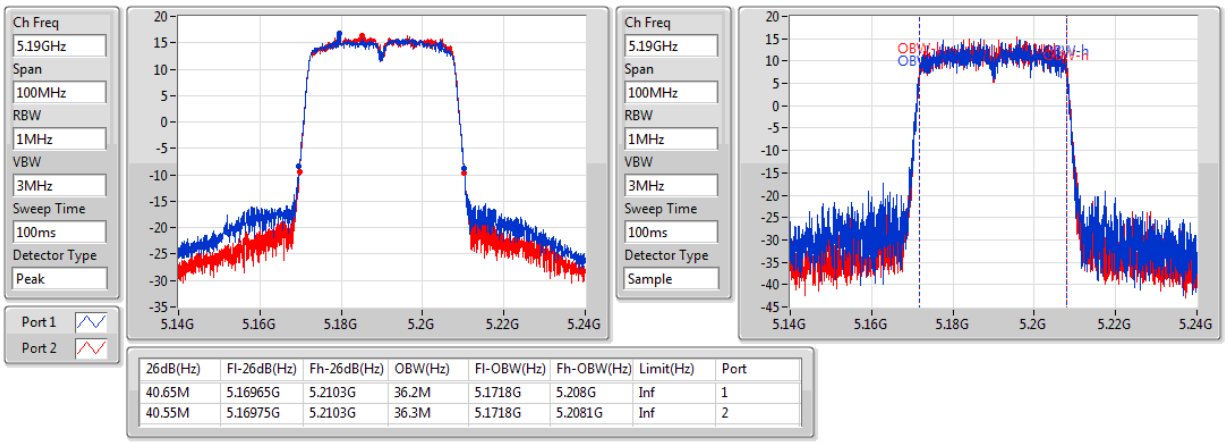
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	5.8162G	5.833775G	17.75M	5.816075G	5.833825G	500k	1
17.15M	5.816225G	5.833375G	17.725M	5.8161G	5.833825G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

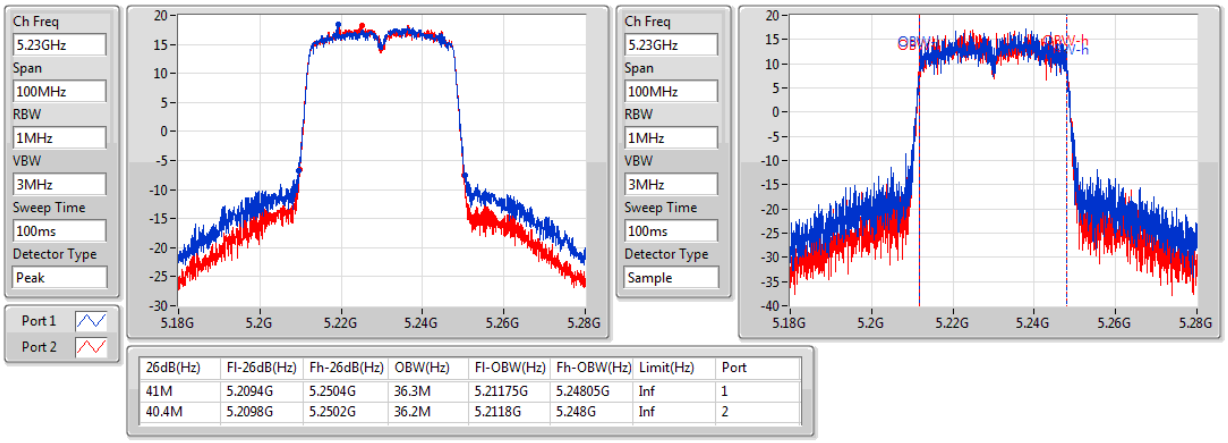
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.65M	5.16965G	5.2103G	36.2M	5.1718G	5.208G	Inf	1
40.55M	5.16975G	5.2103G	36.3M	5.1718G	5.2081G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

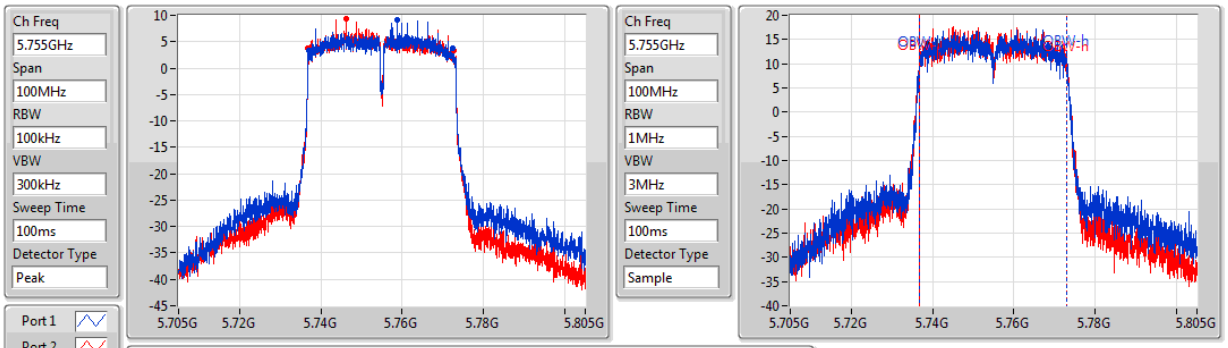
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41M	5.2094G	5.2504G	36.3M	5.21175G	5.24805G	Inf	1
40.4M	5.2098G	5.2502G	36.2M	5.2118G	5.248G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

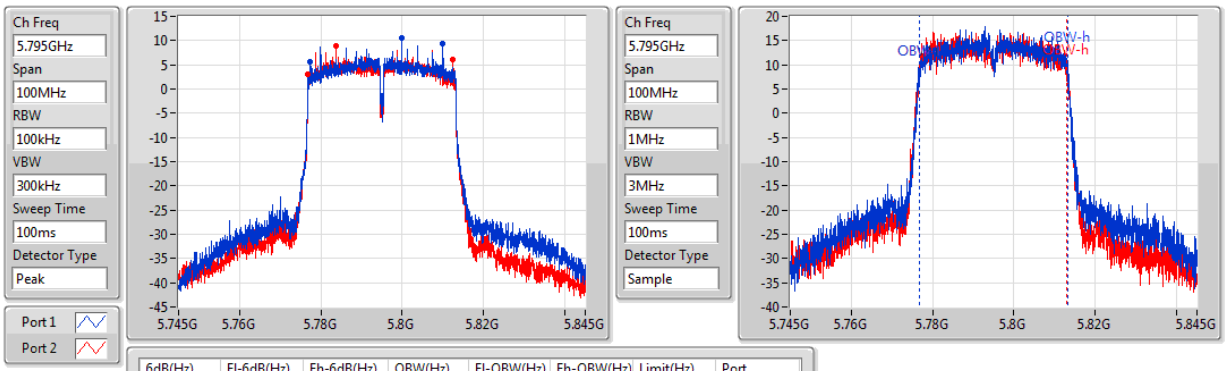
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.35M	5.73705G	5.7724G	36.25M	5.7368G	5.77305G	500k	1
35.9M	5.73685G	5.77275G	36.35M	5.73675G	5.7731G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

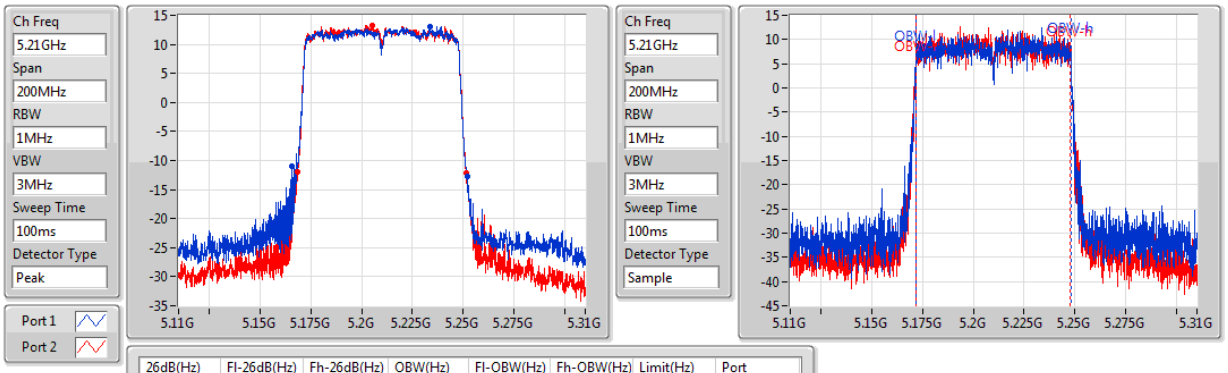
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.55M	5.77745G	5.81G	36.35M	5.7768G	5.81315G	500k	1
35.65M	5.77685G	5.8125G	36.2M	5.7768G	5.813G	500k	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

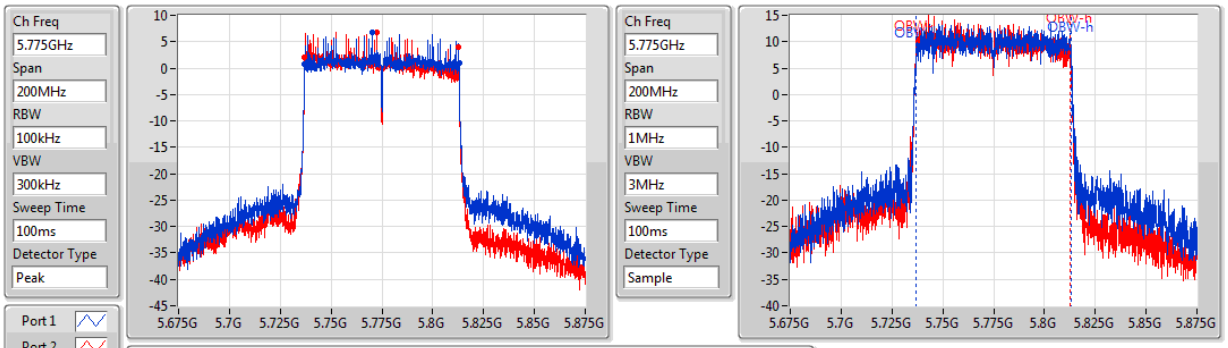
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
86.2M	5.1656G	5.2518G	75.9M	5.172G	5.2479G	Inf	1
83.3M	5.1683G	5.2516G	75.8M	5.172G	5.2478G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

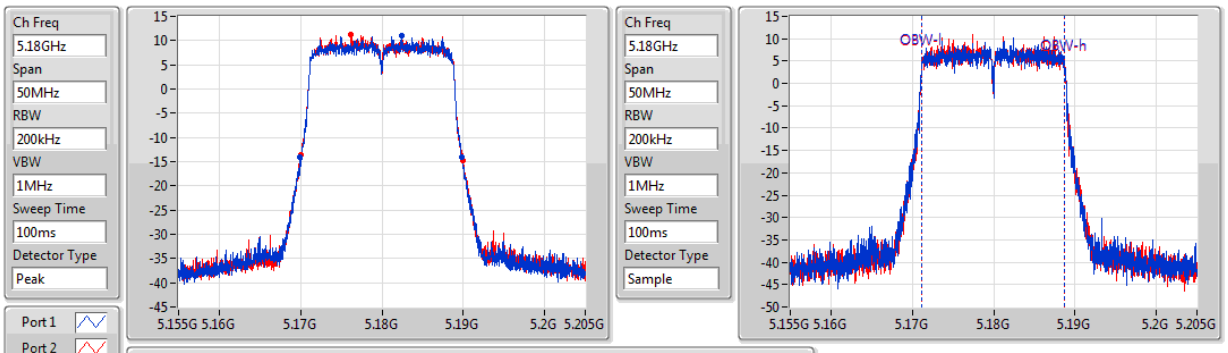
5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.3M	5.7368G	5.8131G	76.1M	5.7369G	5.813G	500k	1
75.7M	5.7368G	5.8125G	75.9M	5.7368G	5.8127G	500k	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

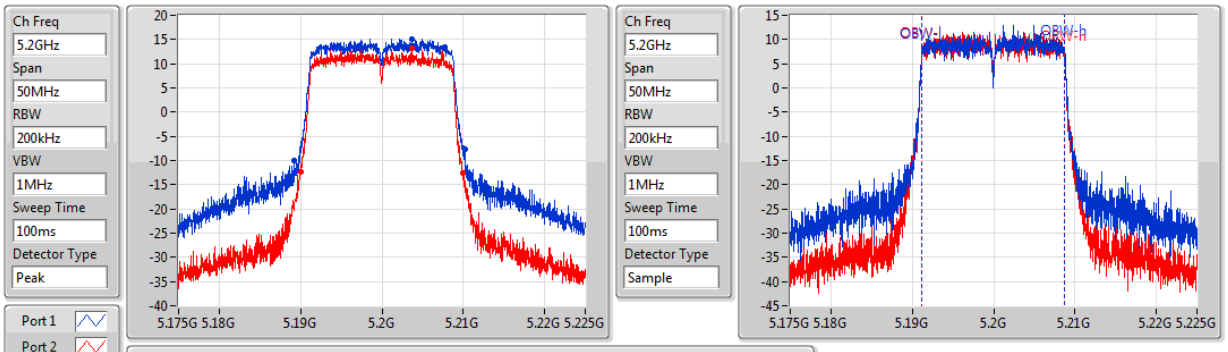
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.925M	5.1699G	5.189825G	17.616M	5.171154G	5.188771G	Inf	1
19.975M	5.169975G	5.18995G	17.616M	5.171154G	5.188771G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

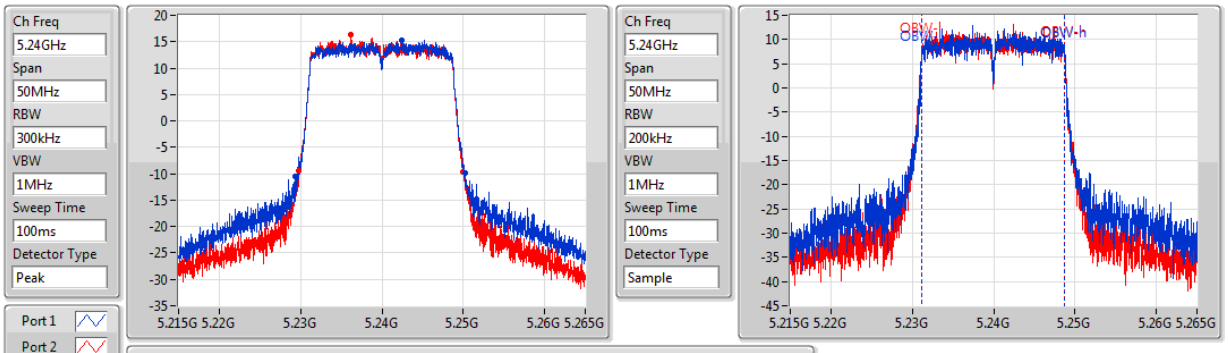
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21M	5.189225G	5.210225G	17.641M	5.191129G	5.208771G	Inf	1
19.975M	5.189975G	5.20995G	17.616M	5.191129G	5.208746G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

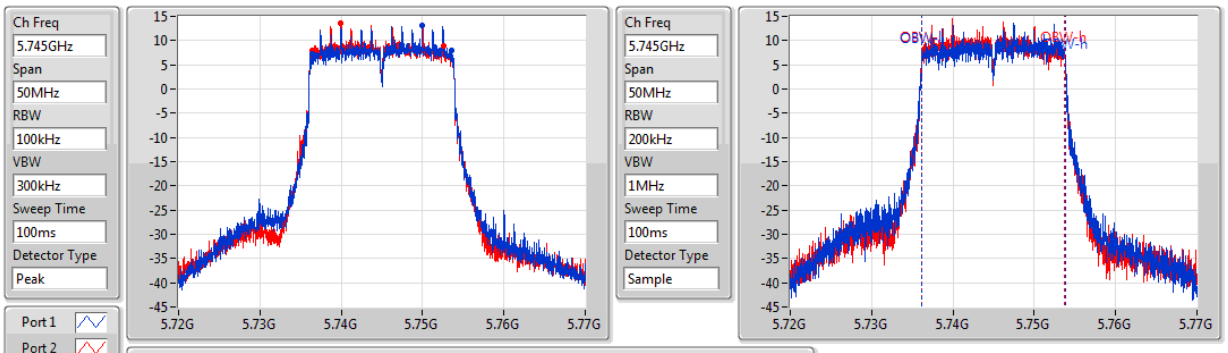
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.825M	5.2294G	5.250225G	17.641M	5.231129G	5.248771G	Inf	1
20.25M	5.229775G	5.250025G	17.616M	5.231129G	5.248746G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

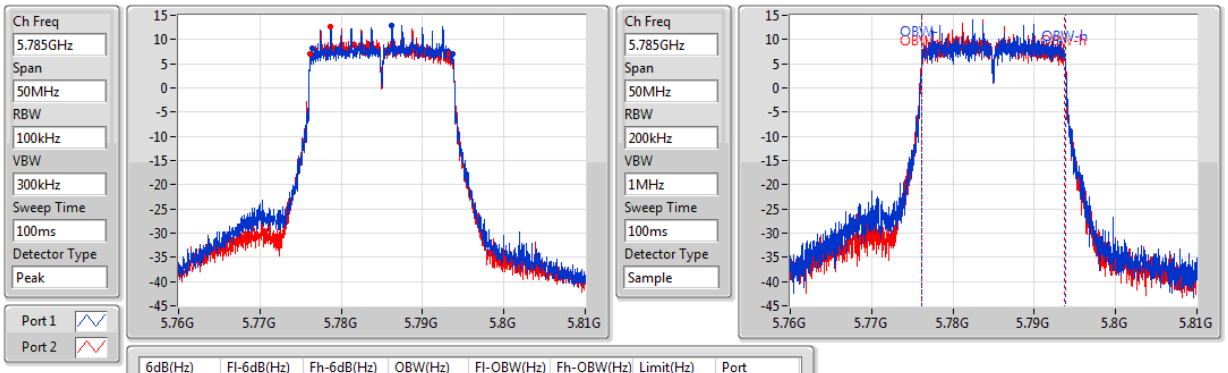
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.125M	5.736475G	5.7536G	17.641M	5.736154G	5.753796G	500k	1
16.05M	5.7365G	5.75255G	17.616M	5.736154G	5.753771G	500k	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

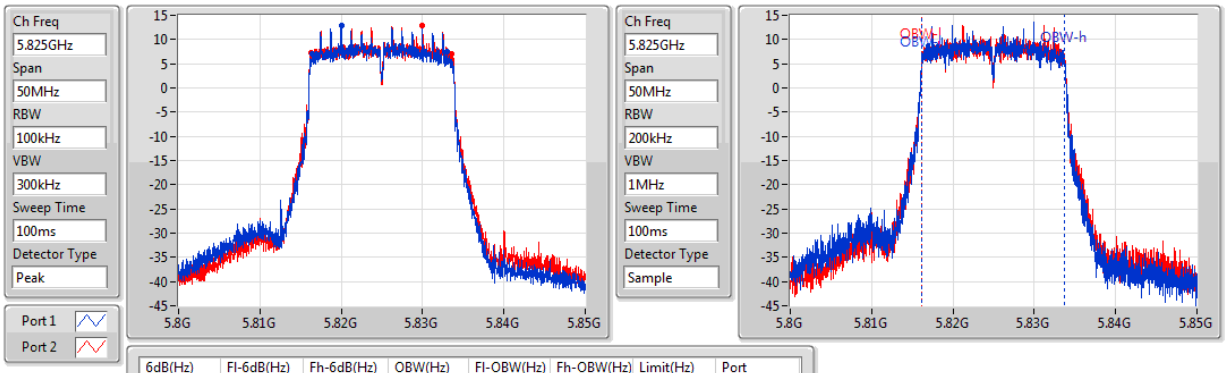
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.225M	5.7765G	5.793725G	17.616M	5.776179G	5.793796G	500k	1
17.1M	5.776225G	5.793325G	17.641M	5.776129G	5.793771G	500k	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

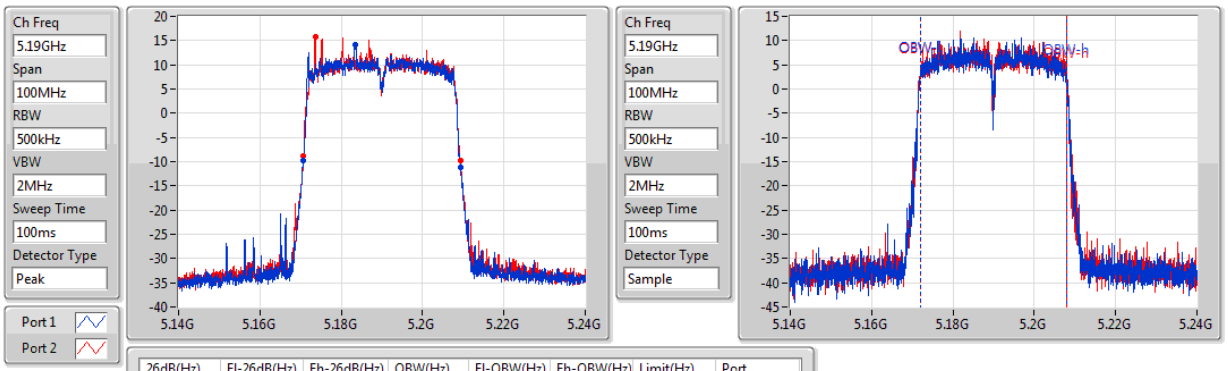
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.525M	5.8165G	5.833025G	17.591M	5.816154G	5.833746G	500k	1
17.275M	5.81635G	5.833625G	17.616M	5.816154G	5.833771G	500k	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX EBW

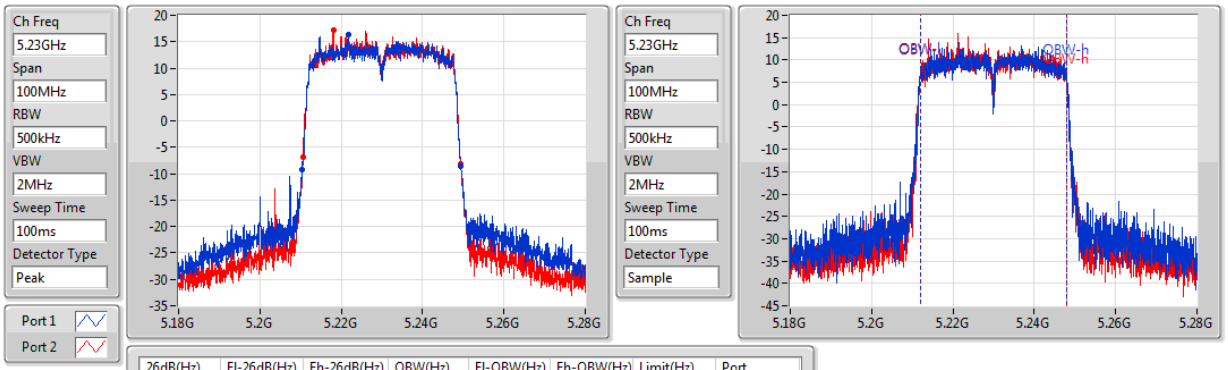
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.9M	5.17055G	5.20945G	35.982M	5.171959G	5.207941G	Inf	1
38.55M	5.17075G	5.2093G	35.982M	5.171909G	5.207891G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX EBW

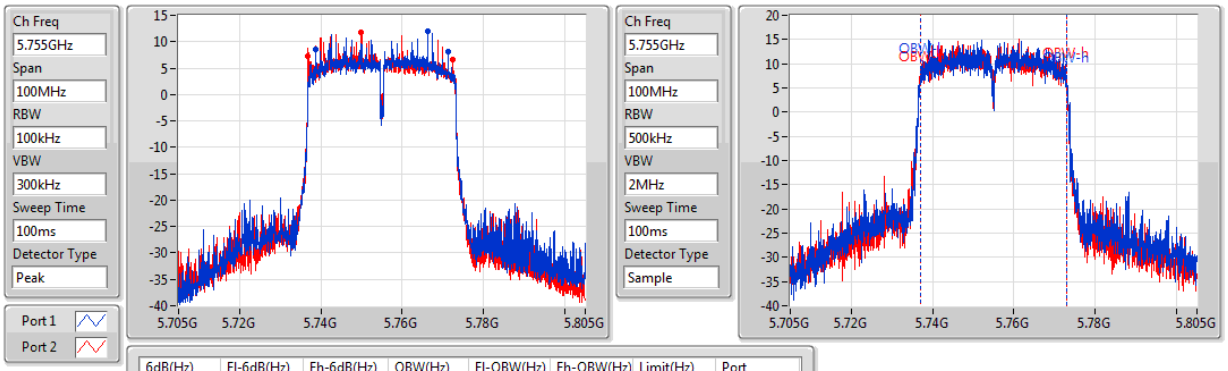
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.1M	5.21035G	5.24945G	35.982M	5.211959G	5.247941G	Inf	1
38.8M	5.21055G	5.24935G	35.932M	5.211959G	5.247891G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX EBW

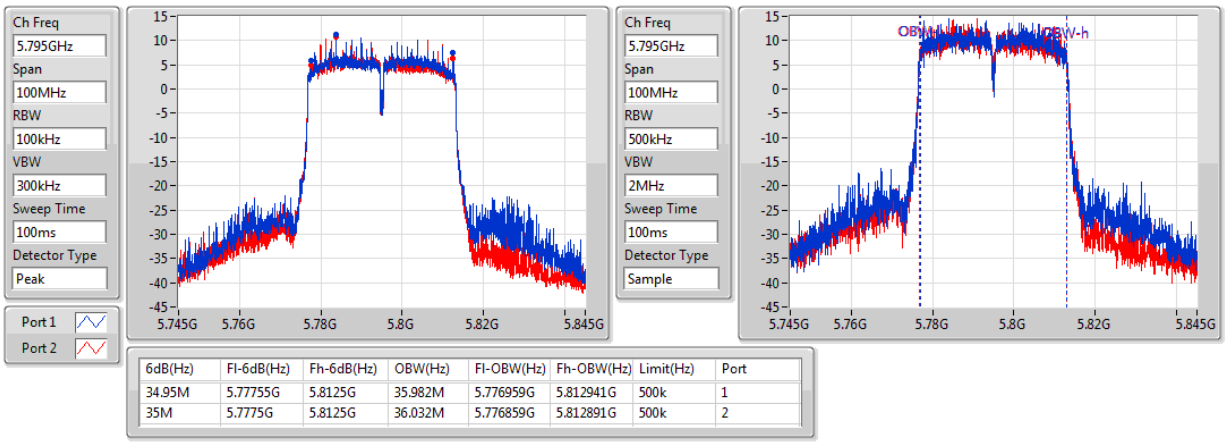
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.55M	5.7387G	5.77125G	35.932M	5.736959G	5.772891G	500k	1
35.65M	5.7368G	5.77245G	35.982M	5.736909G	5.772891G	500k	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX — EBW

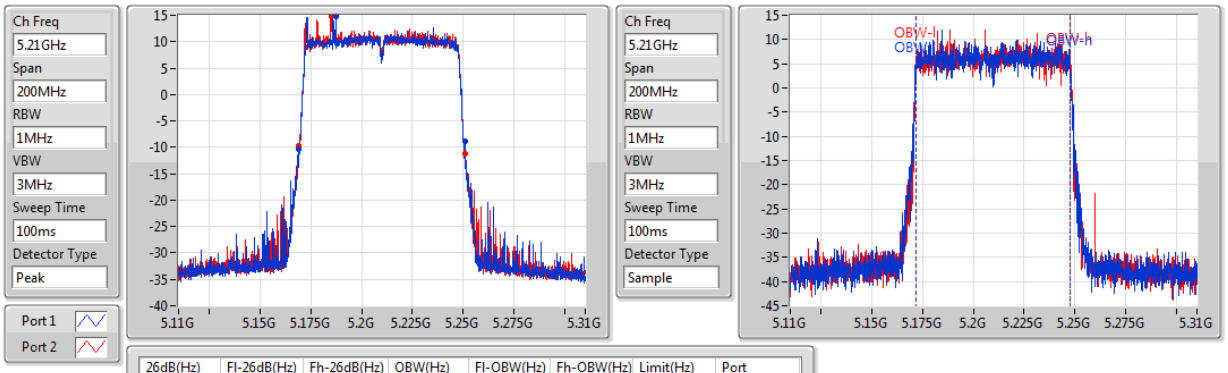
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.95M	5.77755G	5.8125G	35.982M	5.776959G	5.812941G	500k	1
35M	5.7775G	5.8125G	36.032M	5.776859G	5.812891G	500k	2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX — EBW

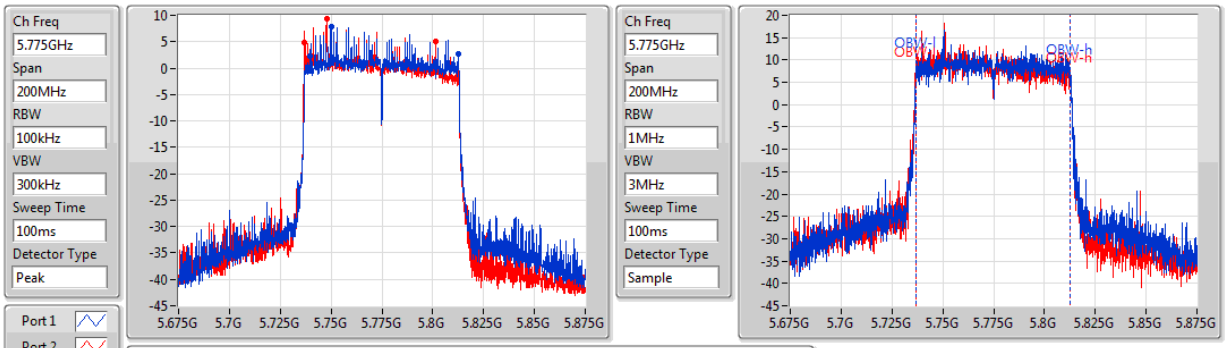
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.8M	5.169G	5.2508G	75.562M	5.172019G	5.247581G	Inf	1
81.7M	5.1692G	5.2509G	75.762M	5.172019G	5.247781G	Inf	2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX — EBW

5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
72.6M	5.7399G	5.8125G	75.662M	5.737019G	5.812681G	500k	1
64.6M	5.7367G	5.8013G	75.762M	5.736819G	5.812581G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11a_(6Mbps)_2TX	-	-	-	-
5.15-5.25GHz	26.19	0.41591	27.04	0.50582
5.725-5.85GHz	26.43	0.43954	27.31	0.53827
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	26.08	0.40551	26.93	0.49317
5.725-5.85GHz	26.41	0.43752	27.29	0.53580
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	26.20	0.41687	27.05	0.50699
5.725-5.85GHz	26.38	0.43451	27.26	0.53211
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	24.75	0.29854	25.60	0.36308
5.725-5.85GHz	26.16	0.41305	27.04	0.50582
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	26.66	0.46345	30.41	1.09901
5.725-5.85GHz	25.82	0.38194	29.68	0.92897
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	25.86	0.38548	29.61	0.91411
5.725-5.85GHz	26.50	0.44668	30.35	1.08393
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	20.65	0.11614	24.40	0.27542
5.725-5.85GHz	24.66	0.29242	28.51	0.70958

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	0.85	23.08	23.28	26.19	30.00	27.04	36.00
5200MHz	Pass	0.85	23.08	23.17	26.14	30.00	26.99	36.00
5240MHz	Pass	0.85	23.02	23.11	26.08	30.00	26.93	36.00
5745MHz	Pass	0.88	23.23	23.6	26.43	30.00	27.31	36.00
5785MHz	Pass	0.88	23.3	23.37	26.35	30.00	27.23	36.00
5825MHz	Pass	0.88	23.12	23.42	26.28	30.00	27.16	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	0.85	22.08	22.29	25.20	30.00	26.05	36.00
5200MHz	Pass	0.85	23	23.14	26.08	30.00	26.93	36.00
5240MHz	Pass	0.85	23.01	23.01	26.02	30.00	26.87	36.00
5745MHz	Pass	0.88	23.01	23.41	26.22	30.00	27.10	36.00
5785MHz	Pass	0.88	23.05	23	26.04	30.00	26.92	36.00
5825MHz	Pass	0.88	23.26	23.54	26.41	30.00	27.29	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	0.85	21.59	21.66	24.64	30.00	25.49	36.00
5230MHz	Pass	0.85	23.06	23.32	26.20	30.00	27.05	36.00
5755MHz	Pass	0.88	23.24	23.49	26.38	30.00	27.26	36.00
5795MHz	Pass	0.88	23.33	23.25	26.30	30.00	27.18	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	0.85	21.72	21.76	24.75	30.00	25.60	36.00
5775MHz	Pass	0.88	23.09	23.2	26.16	30.00	27.04	36.00
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.76	18.75	18.95	21.86	30.00	25.62	36.00
5200MHz	Pass	3.76	23.61	23.55	26.59	30.00	30.35	36.00
5240MHz	Pass	3.76	23.57	23.72	26.66	30.00	30.41	36.00
5745MHz	Pass	3.86	22.66	22.96	25.82	30.00	29.68	36.00
5785MHz	Pass	3.86	22.63	22.69	25.67	30.00	29.53	36.00
5825MHz	Pass	3.86	22.41	22.50	25.47	30.00	29.32	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.76	18.06	18.42	21.25	30.00	25.01	36.00
5230MHz	Pass	3.76	22.78	22.91	25.86	30.00	29.61	36.00
5755MHz	Pass	3.86	23.53	23.44	26.50	30.00	30.35	36.00
5795MHz	Pass	3.86	22.84	22.86	25.86	30.00	29.72	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.76	17.54	17.73	20.65	30.00	24.40	36.00
5775MHz	Pass	3.86	21.53	21.76	24.66	30.00	28.51	36.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
802.11a_(6Mbps)_2TX	-	-
5.15-5.25GHz	12.73	16.49
5.725-5.85GHz	10.70	16.77
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	12.21	15.97
5.725-5.85GHz	10.11	16.18
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	9.84	13.60
5.725-5.85GHz	7.55	13.62
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	5.27	9.03
5.725-5.85GHz	4.05	10.12
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	13.64	17.40
5.725-5.85GHz	11.71	15.57
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	10.03	13.79
5.725-5.85GHz	9.71	13.57
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	3.09	6.85
5.725-5.85GHz	4.56	8.42

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

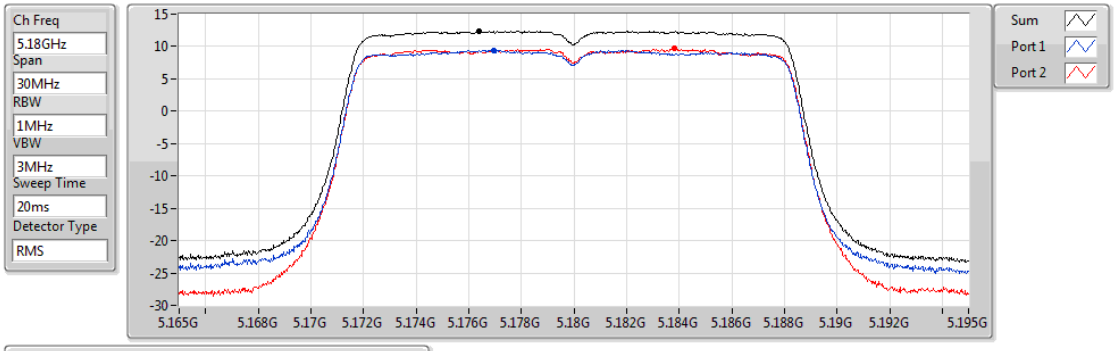
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.76	9.41	9.75	12.36	17.00	16.12	Inf
5200MHz	Pass	3.76	9.58	9.71	12.45	17.00	16.21	Inf
5240MHz	Pass	3.76	9.92	9.77	12.73	17.00	16.49	Inf
5745MHz	Pass	3.86	7.82	8.05	12.92	30.00	16.77	Inf
5785MHz	Pass	3.86	7.07	7.58	12.20	30.00	16.05	Inf
5825MHz	Pass	3.86	7.37	7.48	12.42	30.00	16.27	Inf
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.76	7.90	8.43	11.07	17.00	14.83	Inf
5200MHz	Pass	3.76	9.07	9.32	12.08	17.00	15.84	Inf
5240MHz	Pass	3.76	9.45	9.30	12.21	17.00	15.97	Inf
5745MHz	Pass	3.86	6.79	7.54	12.22	30.00	16.07	Inf
5785MHz	Pass	3.86	6.92	6.51	11.84	30.00	15.69	Inf
5825MHz	Pass	3.86	6.94	7.43	12.33	30.00	16.18	Inf
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.76	5.06	5.30	7.97	17.00	11.73	Inf
5230MHz	Pass	3.76	7.13	6.98	9.84	17.00	13.60	Inf
5755MHz	Pass	3.86	4.50	4.86	9.77	30.00	13.62	Inf
5795MHz	Pass	3.86	4.77	4.34	9.55	30.00	13.40	Inf
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.76	2.24	2.48	5.27	17.00	9.03	Inf
5775MHz	Pass	3.86	1.16	1.52	6.27	30.00	10.12	Inf
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.76	5.91	6.00	11.15	17.00	14.91	Inf
5200MHz	Pass	3.76	10.75	10.78	13.57	17.00	17.33	Inf
5240MHz	Pass	3.76	10.77	10.87	13.64	17.00	17.40	Inf
5745MHz	Pass	3.86	8.77	9.23	11.71	30.00	15.57	Inf
5785MHz	Pass	3.86	8.46	8.77	11.44	30.00	15.30	Inf
5825MHz	Pass	3.86	8.52	8.34	11.35	30.00	15.21	Inf
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.76	1.92	2.46	6.64	17.00	10.40	Inf
5230MHz	Pass	3.76	7.12	7.37	10.03	17.00	13.79	Inf
5755MHz	Pass	3.86	6.64	7.01	9.71	30.00	13.57	Inf
5795MHz	Pass	3.86	6.50	6.29	9.25	30.00	13.11	Inf
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.76	-1.36	-0.98	3.09	17.00	6.85	Inf
5775MHz	Pass	3.86	0.23	1.29	4.56	30.00	8.42	Inf

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)_2TX **PSD**

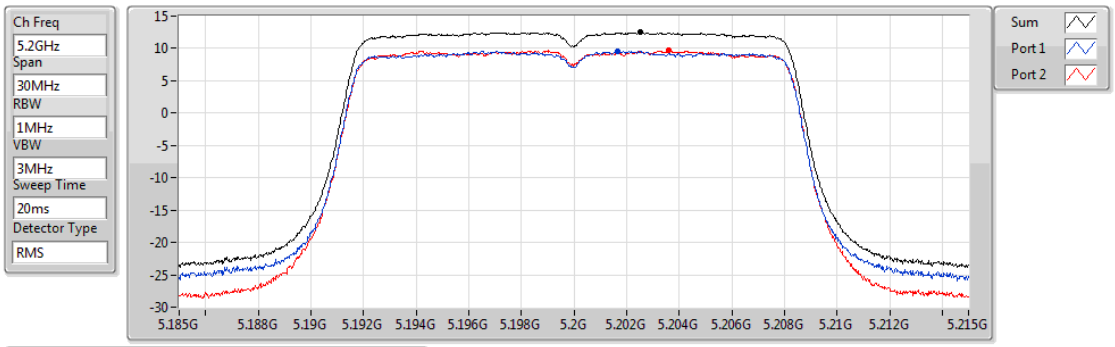
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.36	12.36	9.41	9.75

802.11a_(6Mbps)_2TX **PSD**

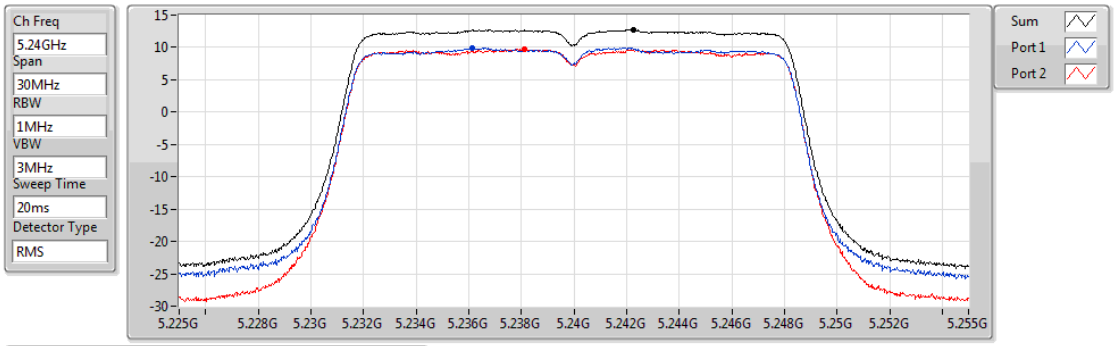
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.45	12.45	9.58	9.71

802.11a_(6Mbps)_2TX **PSD**

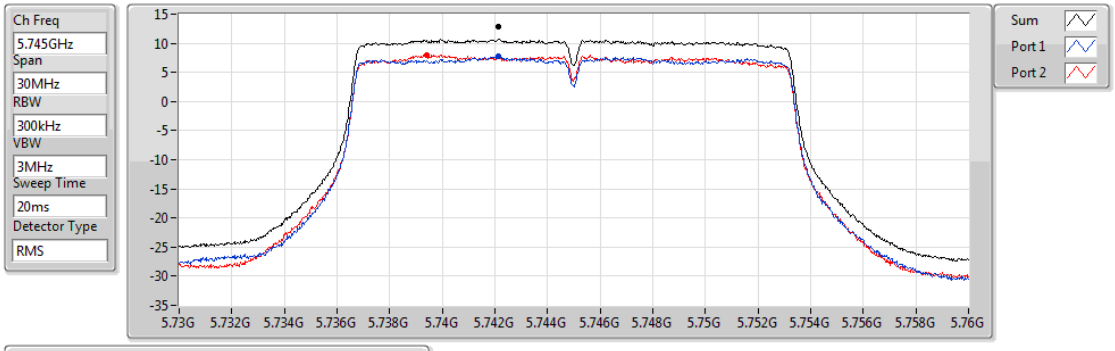
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.73	12.73	9.92	9.77

802.11a_(6Mbps)_2TX PSD

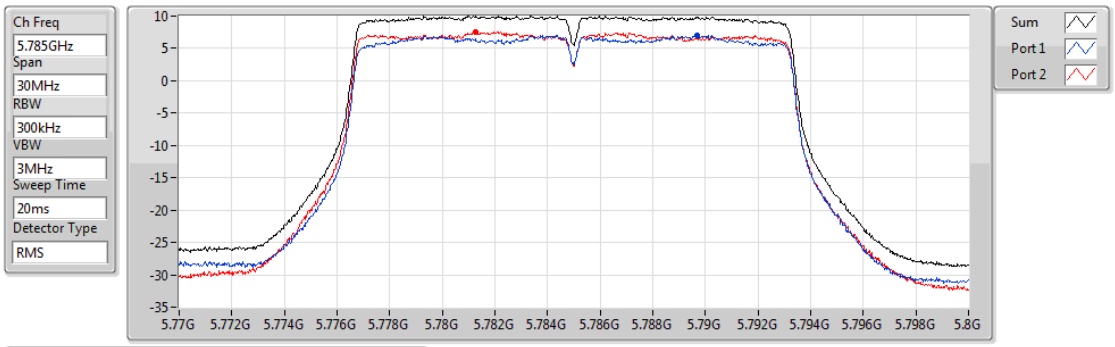
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.70	12.91	7.82	8.05

802.11a_(6Mbps)_2TX PSD

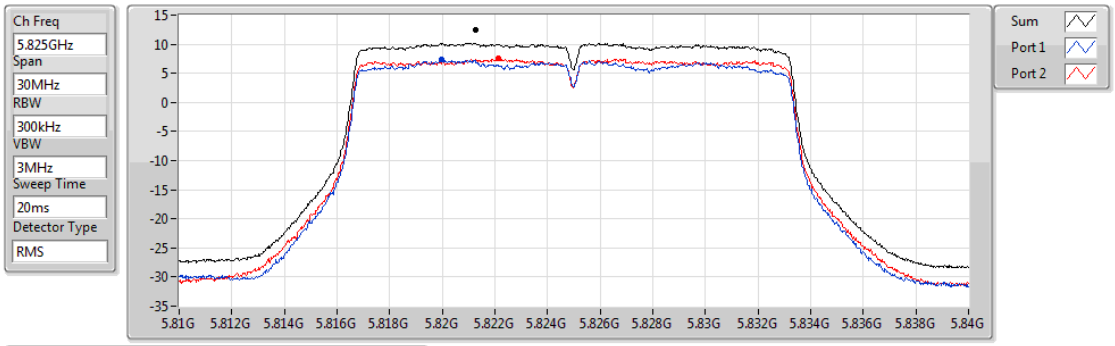
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.98	12.20	7.07	7.58

802.11a_(6Mbps)_2TX PSD

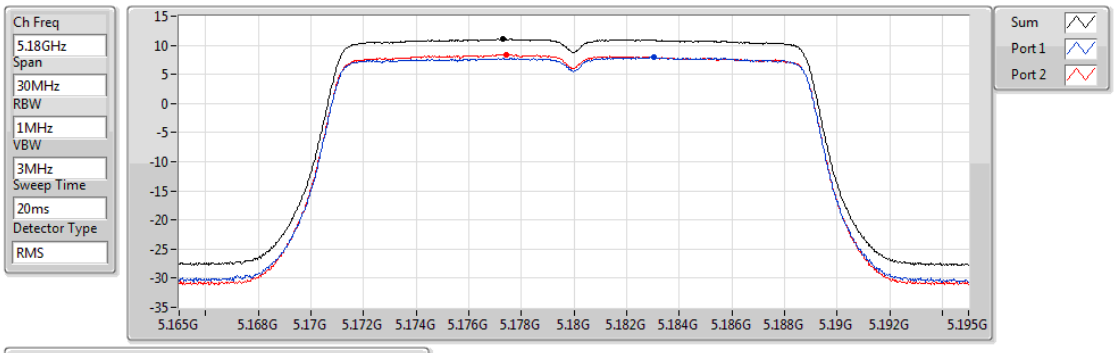
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.20	12.42	7.37	7.48

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

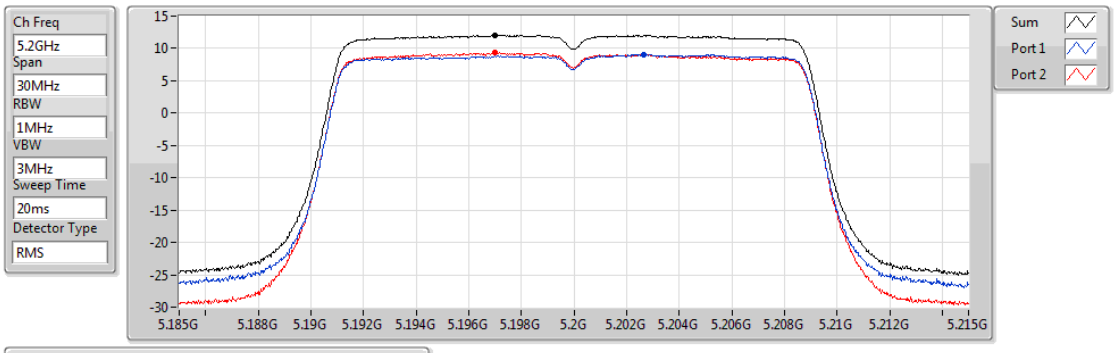
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.07	11.07	7.90	8.43

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

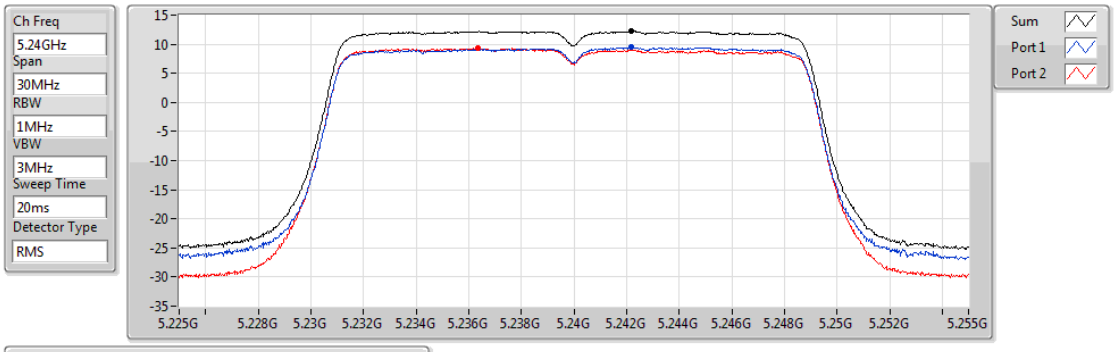
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.08	12.08	9.07	9.32

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

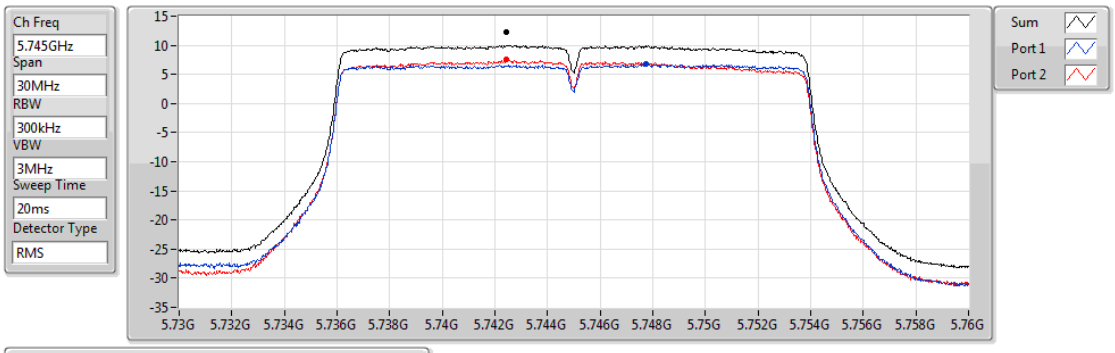
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.21	12.21	9.45	9.30

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

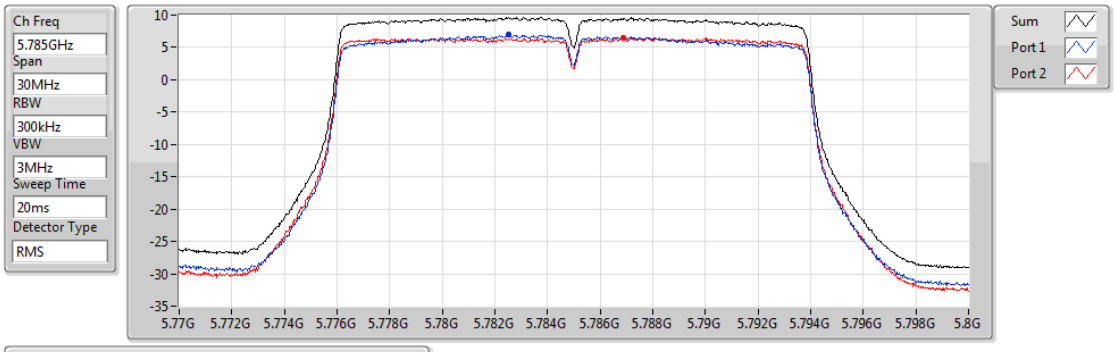
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.00	12.22	6.79	7.54

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

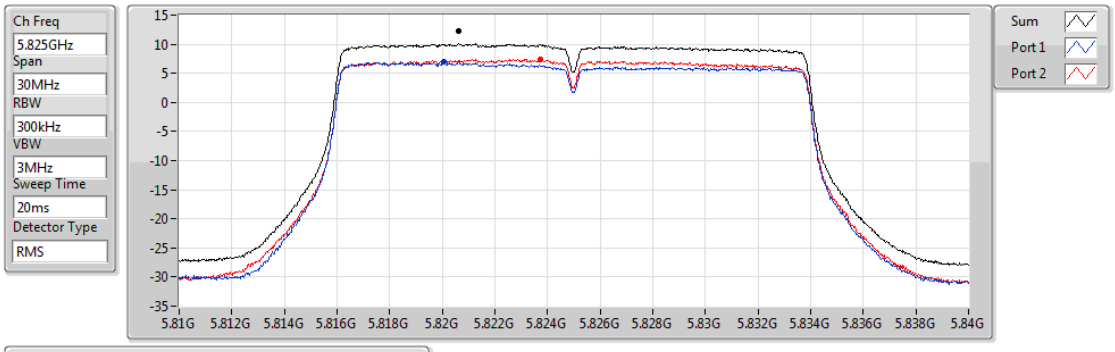
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.62	11.84	6.92	6.51

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

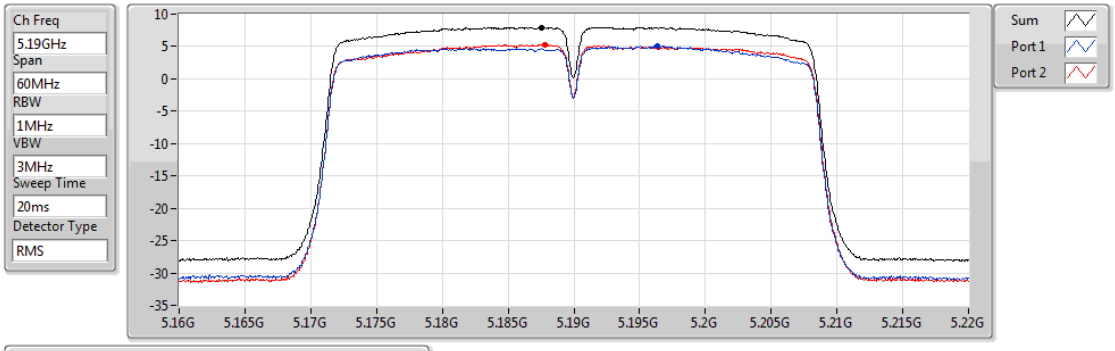
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.11	12.33	6.94	7.43

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

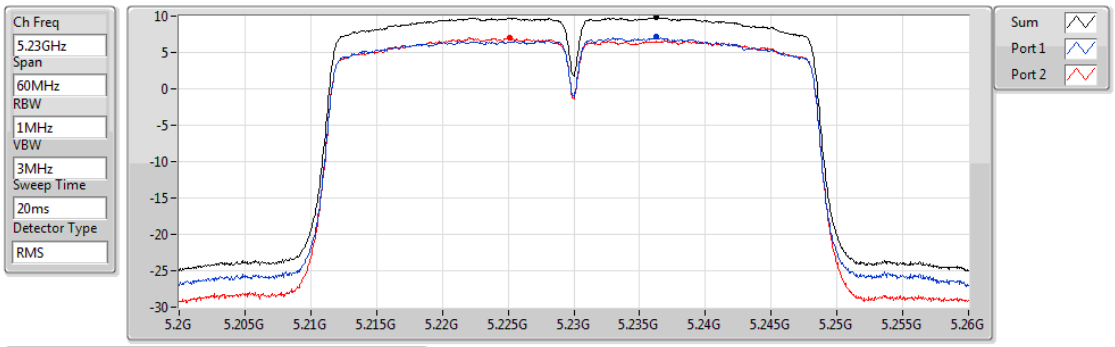
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.97	7.97	5.06	5.30

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

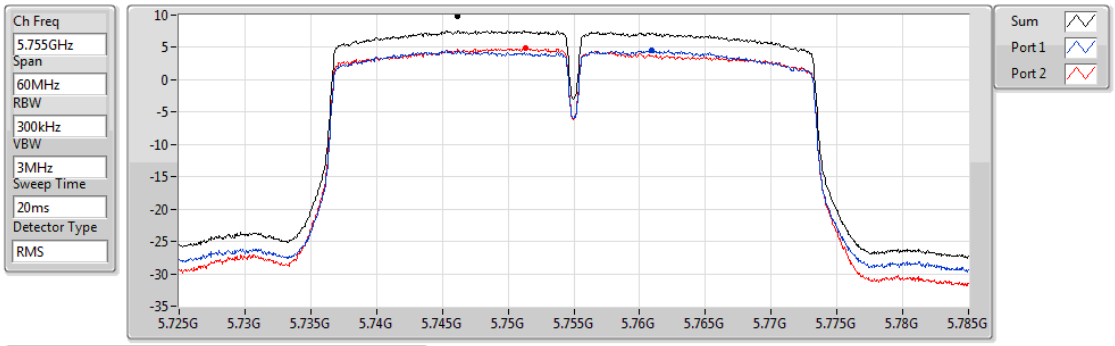
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.84	9.84	7.13	6.98

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

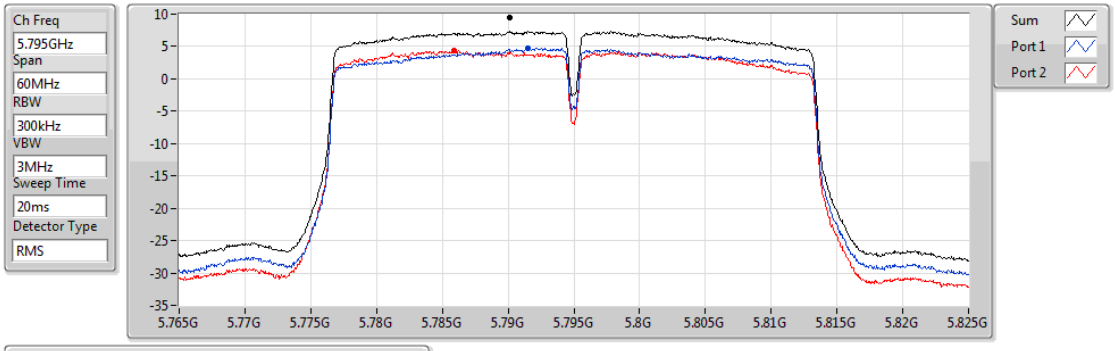
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.55	9.77	4.50	4.86

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

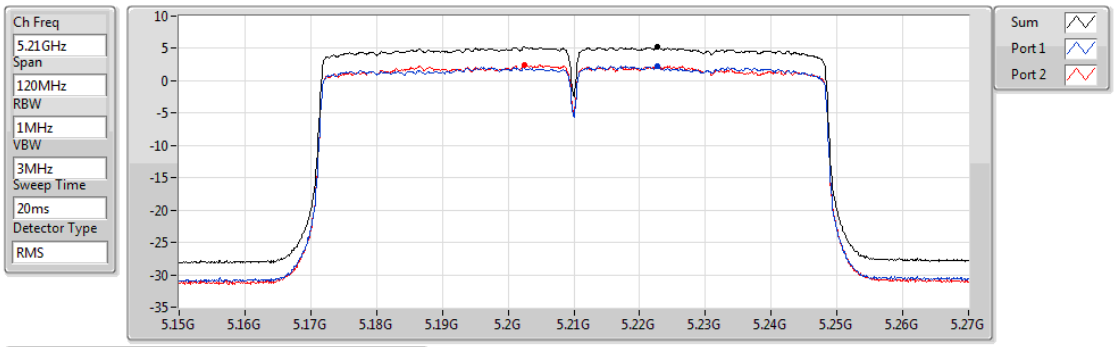
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.33	9.55	4.77	4.34

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

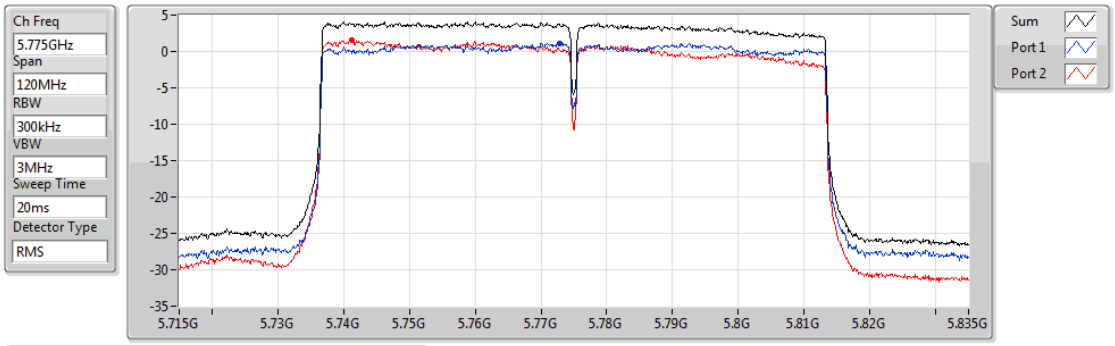
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.27	5.27	2.24	2.48

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

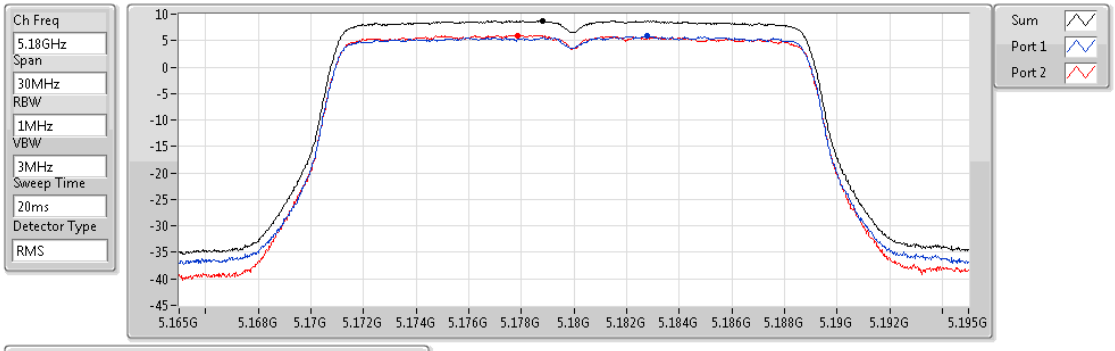
5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.05	6.27	1.16	1.52

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

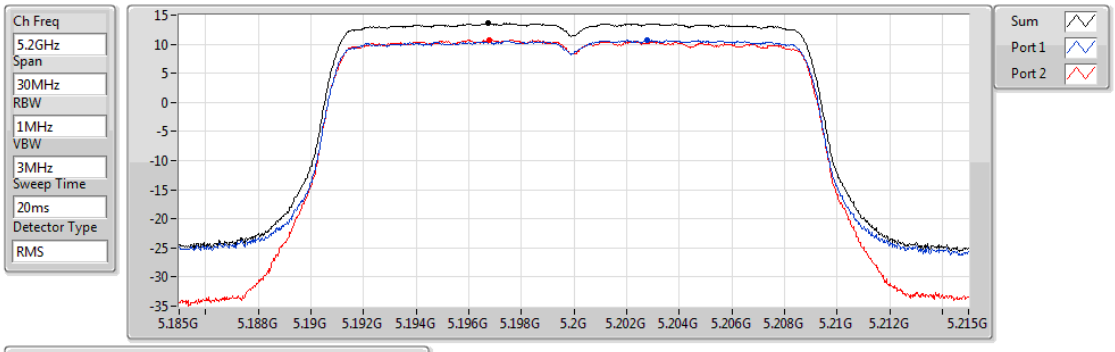
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.73	8.73	5.91	6.00

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

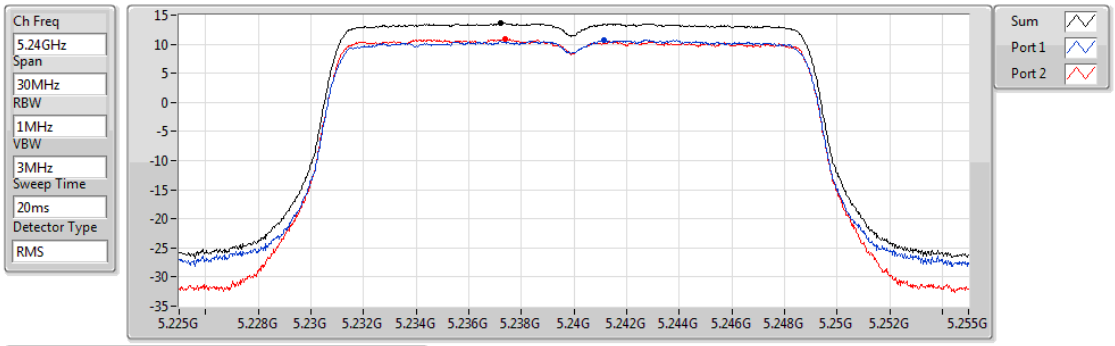
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.57	13.57	10.75	10.78

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

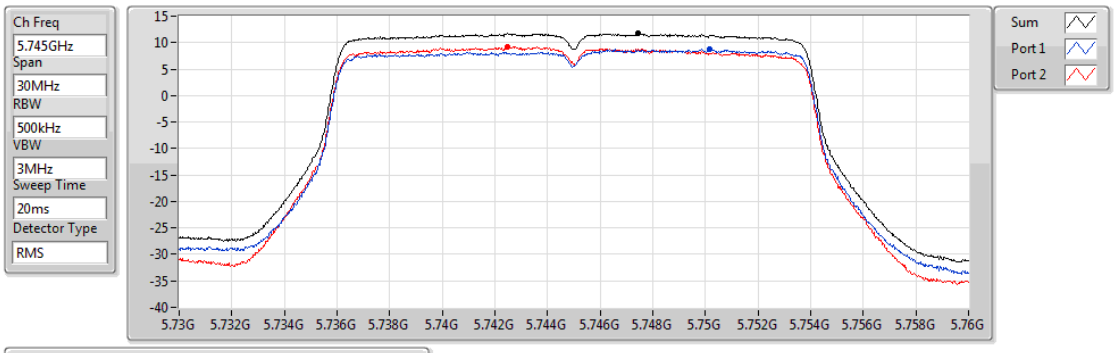
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.64	13.64	10.77	10.87

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

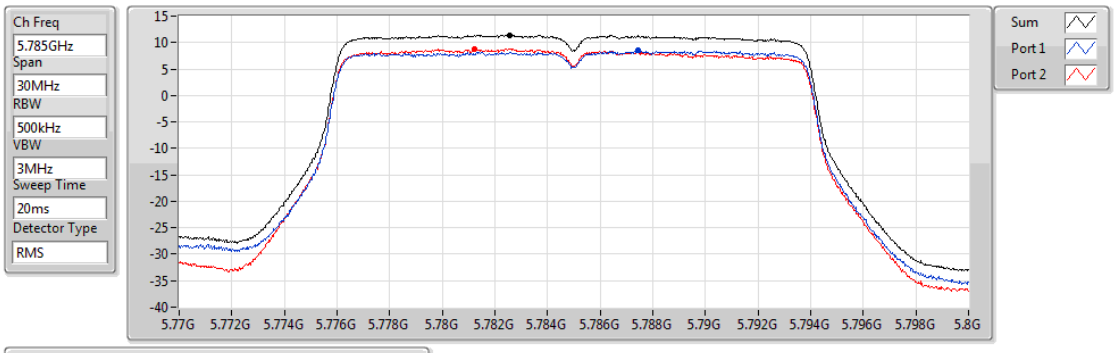
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.71	11.71	8.77	9.23

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

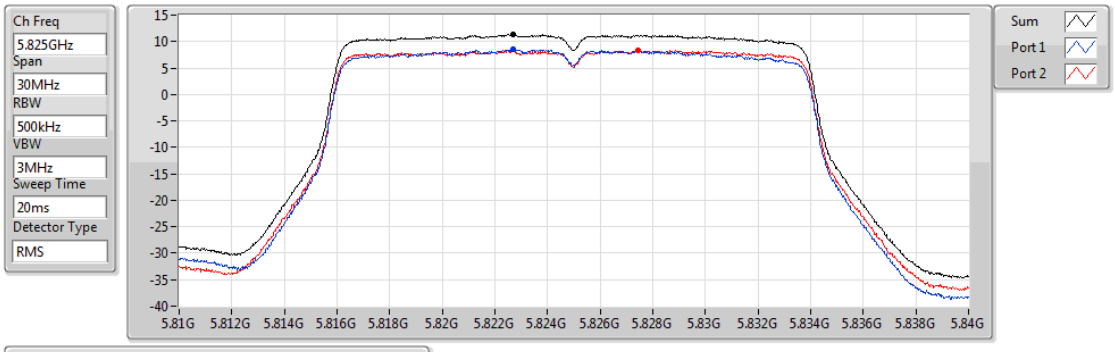
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.44	11.44	8.46	8.77

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

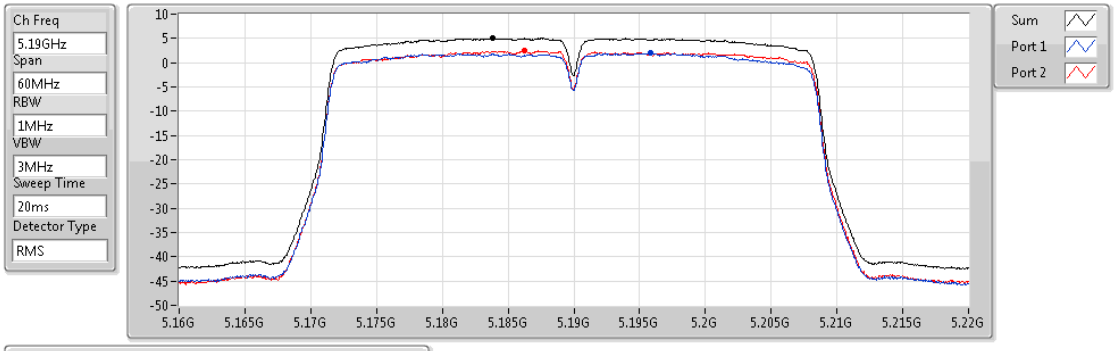
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.35	11.35	8.52	8.34

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

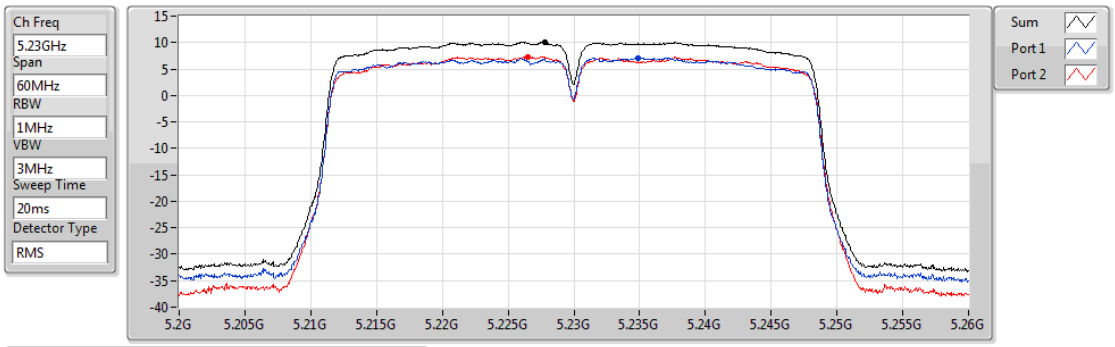
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.02	5.02	1.92	2.46

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

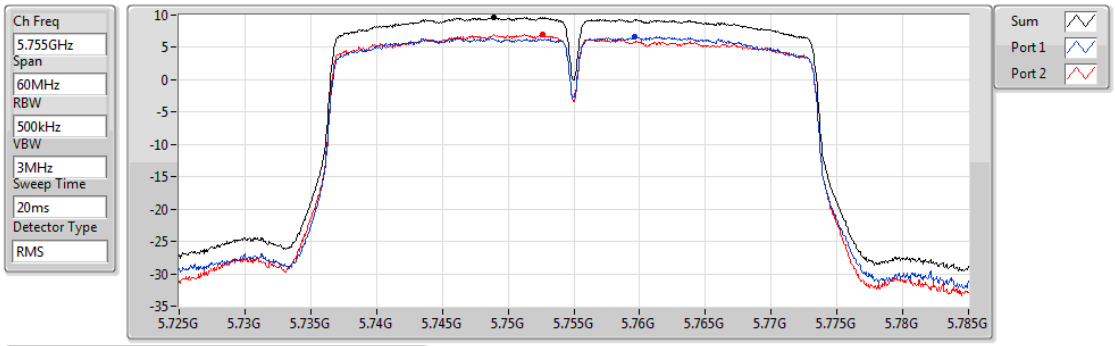
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.03	10.03	7.12	7.37

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

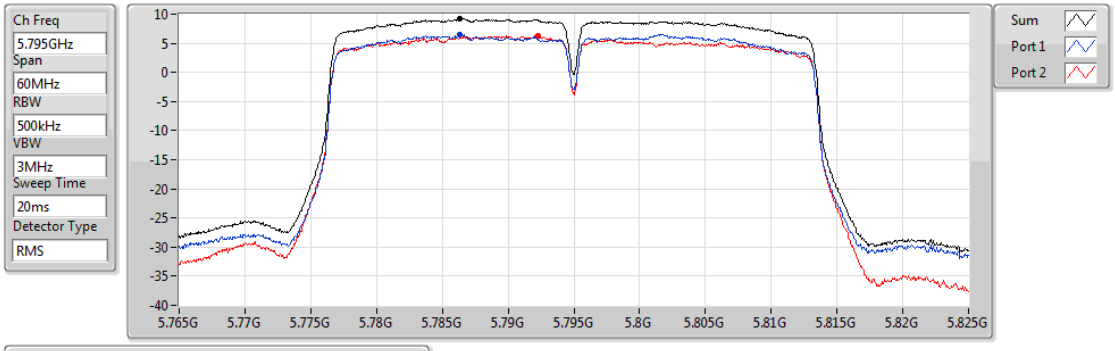
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.71	9.71	6.64	7.01

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

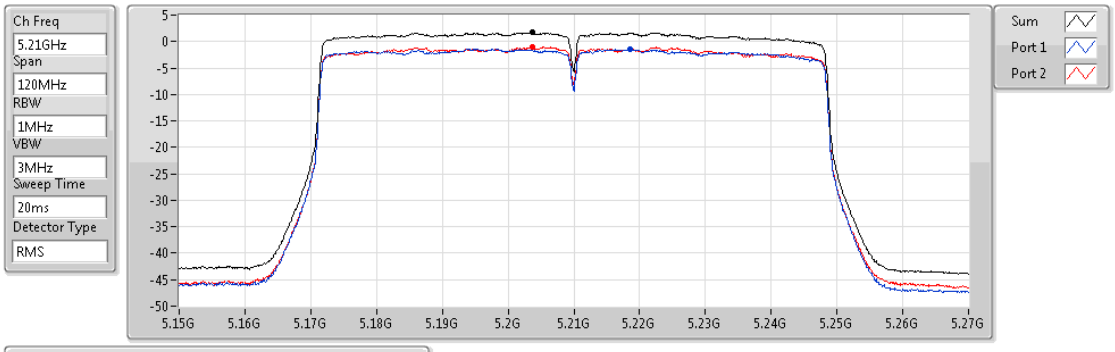
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.25	9.25	6.50	6.29

802.11ac VHT80-BF_Nss1,(MCS0)_2TX PSD

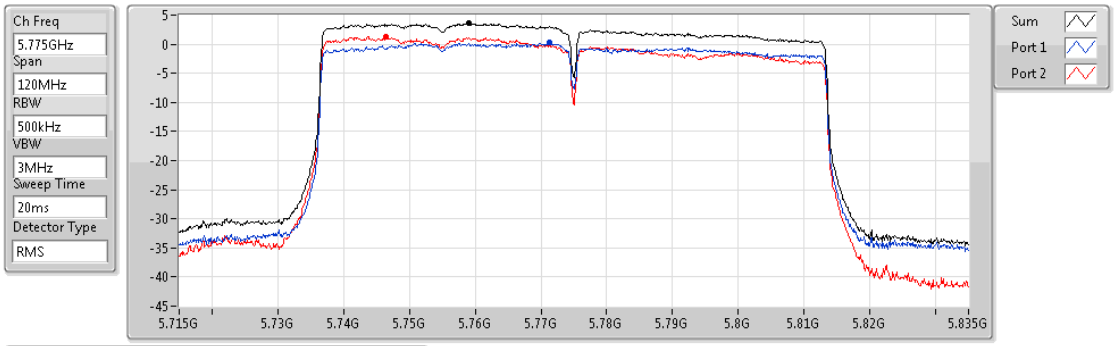
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.72	1.72	-1.36	-0.98

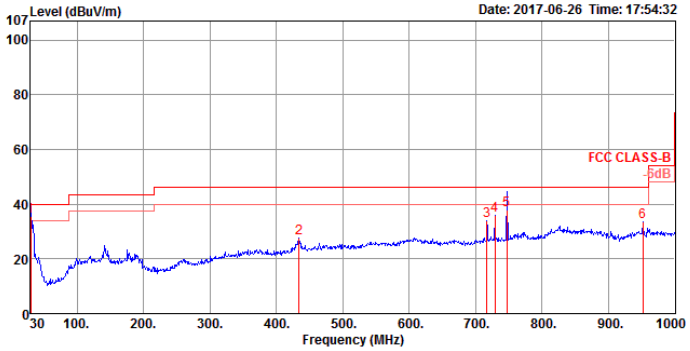
802.11ac VHT80-BF_Nss1,(MCS0)_2TX PSD

5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.59	3.59	0.23	1.29

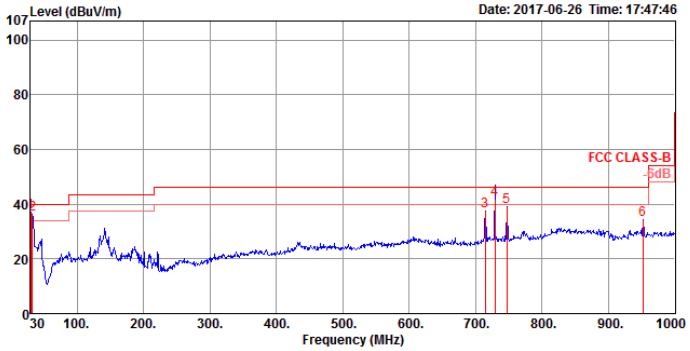
RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	Normal Link (Repeater mode)		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	30.00	35.55	40.00	-4.45	43.10	0.53	24.45	32.53	100	215	QP	HORIZONTAL
2	434.49	27.78	46.00	-18.22	36.30	1.62	22.32	32.46	100	221	Peak	HORIZONTAL
3	716.76	33.87	46.00	-12.13	38.91	2.12	25.31	32.47	100	125	Peak	HORIZONTAL
4	729.37	35.99	46.00	-10.01	40.79	2.15	25.50	32.45	100	245	Peak	HORIZONTAL
5	746.83	38.05	46.00	-7.95	42.51	2.18	25.78	32.42	100	211	QP	HORIZONTAL
6	951.50	33.62	46.00	-12.38	35.72	2.43	26.82	31.35	100	45	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 (Repeater mode)		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	30.00	36.95	40.00	-3.05	44.50	0.53	24.45	32.53	300	360	Peak	VERTICAL
2	32.91	36.20	40.00	-3.80	45.58	0.53	22.62	32.53	300	360	Peak	VERTICAL
3	714.82	37.57	46.00	-8.43	42.66	2.12	25.27	32.48	100	248	Peak	VERTICAL
4	729.37	41.90	46.00	-4.10	46.70	2.15	25.50	32.45	100	241	QP	VERTICAL
5	746.83	38.98	46.00	-7.02	43.44	2.18	25.78	32.42	100	258	Peak	VERTICAL
6	951.50	34.46	46.00	-11.54	36.56	2.43	26.82	31.35	100	126	Peak	VERTICAL

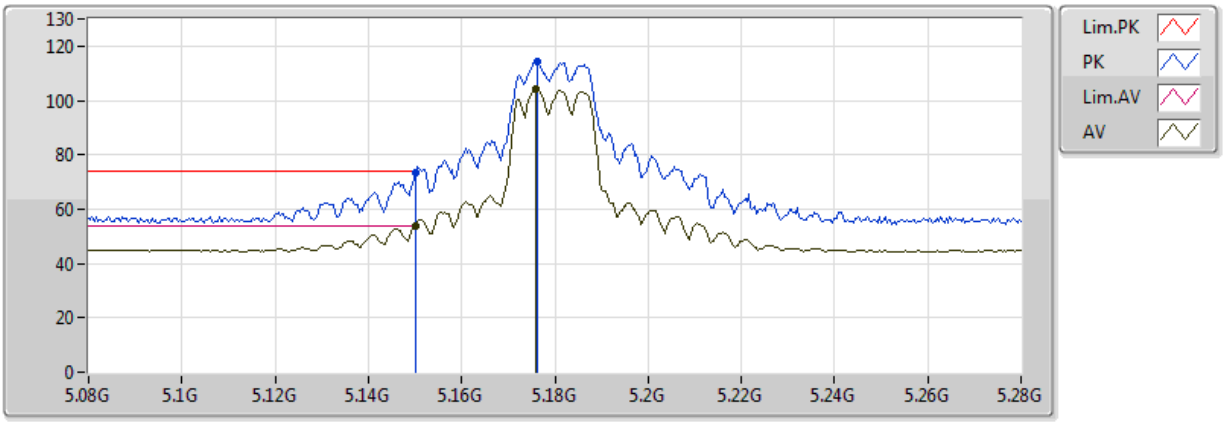
Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

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)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5.725-5.85GHz	Pass	PK	5.601G	68.18	68.20	-0.02	5.38	3	V	120	1.23	-

802.11a_(6Mbps)_2TX

5180MHz_TX

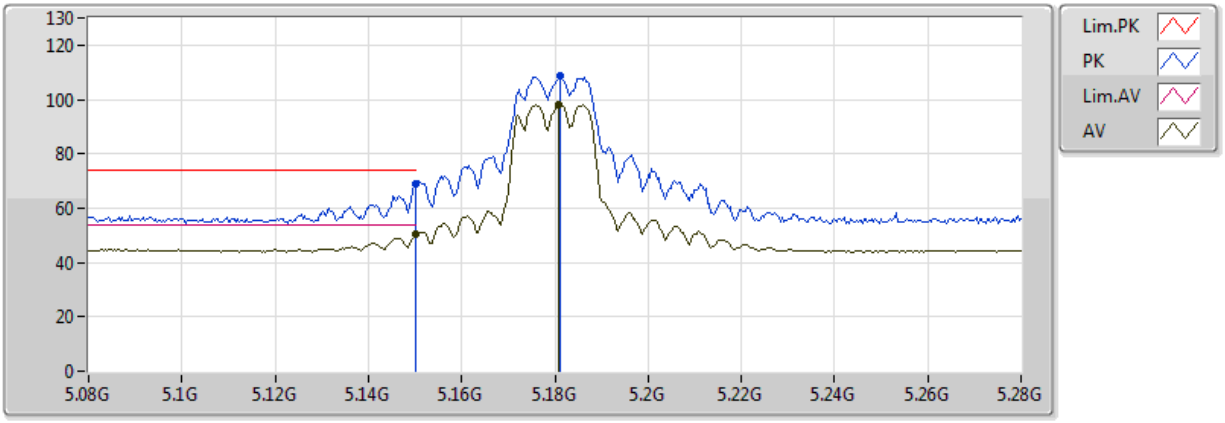


20170623
EUT Z_2TX
Setting 22
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.71	54.00	-0.29	5.31	3	V	186	1.13	-
AV	5.176G	104.13	Inf	-Inf	5.41	3	V	186	1.13	-
PK	5.149995G	73.32	74.00	-0.68	5.31	3	V	186	1.13	-
PK	5.1764G	114.24	Inf	-Inf	5.41	3	V	186	1.13	-

802.11a_(6Mbps)_2TX

5180MHz_TX

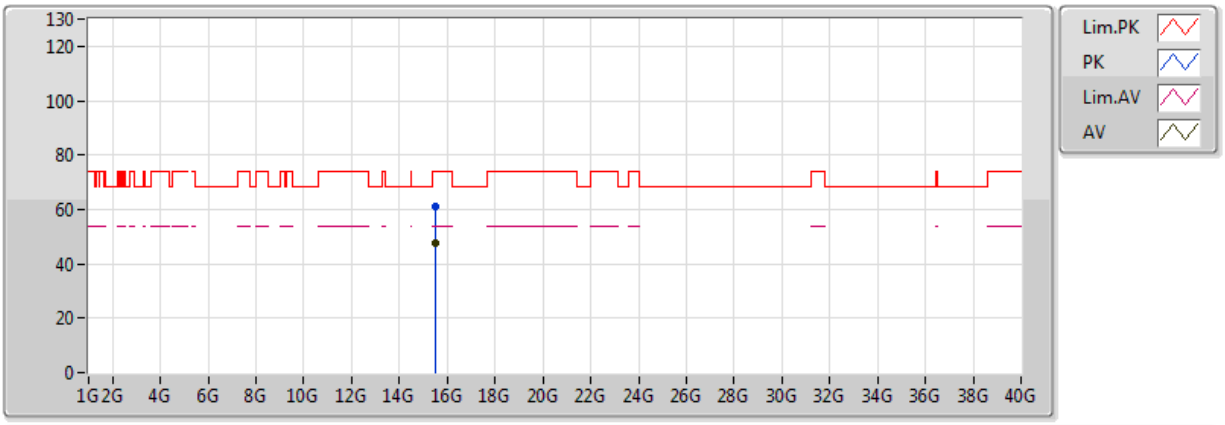


20170623
EUT Z_2TX
Setting 22
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	50.44	54.00	-3.56	5.31	3	H	173	1.02	-
AV	5.1808G	98.15	Inf	-Inf	5.42	3	H	173	1.02	-
PK	5.149995G	68.65	74.00	-5.35	5.31	3	H	173	1.02	-
PK	5.1812G	108.53	Inf	-Inf	5.42	3	H	173	1.02	-

802.11a_(6Mbps)_2TX

5180MHz_TX

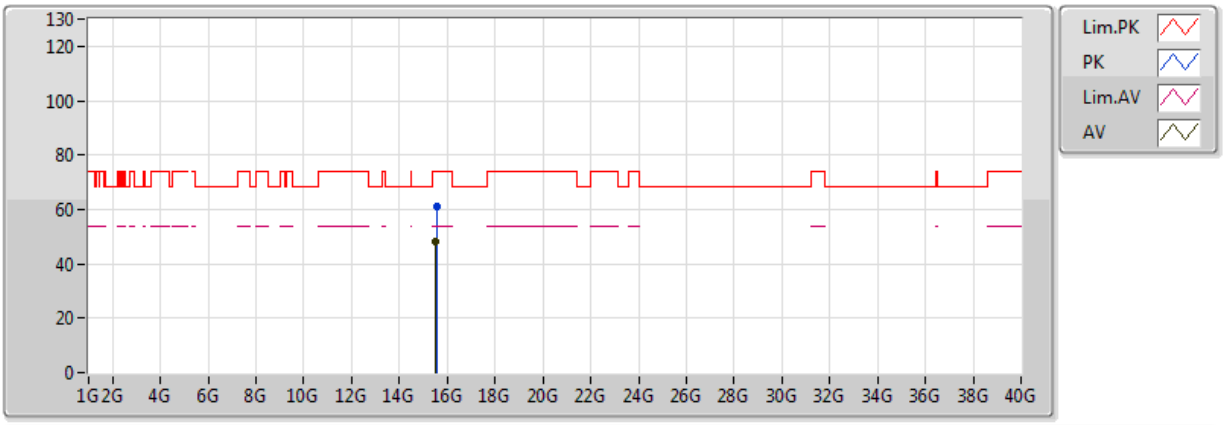


20170623
EUT Z_2TX
Setting 22
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.52626G	47.85	54.00	-6.15	17.79	3	V	202	1.31	-
PK	15.52662G	61.10	74.00	-12.90	17.79	3	V	202	1.31	-

802.11a_(6Mbps)_2TX

5180MHz_TX

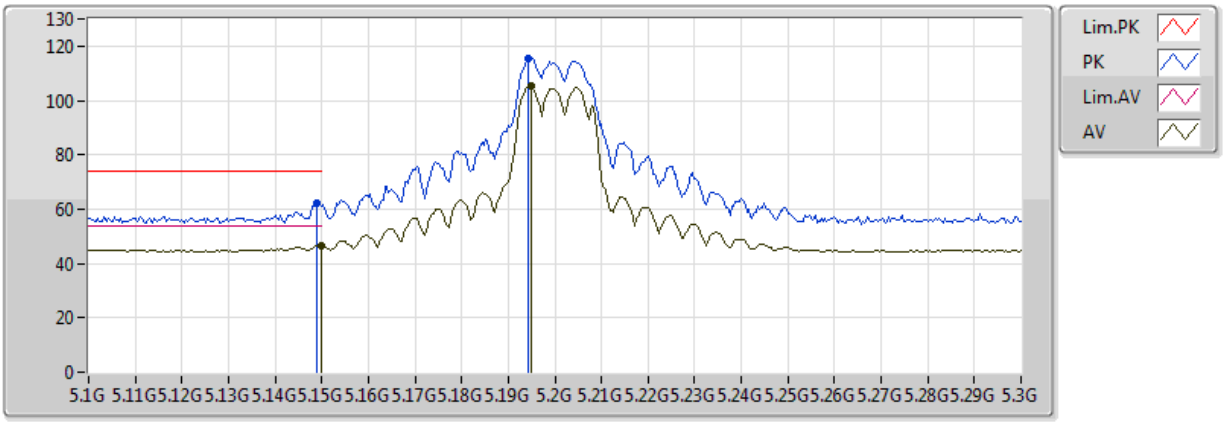


20170623
EUT Z_2TX
Setting 22
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.53316G	48.07	54.00	-5.93	17.79	3	H	283	2.06	-
PK	15.54906G	61.12	74.00	-12.88	17.80	3	H	283	2.06	-

802.11a_(6Mbps)_2TX

5200MHz_TX

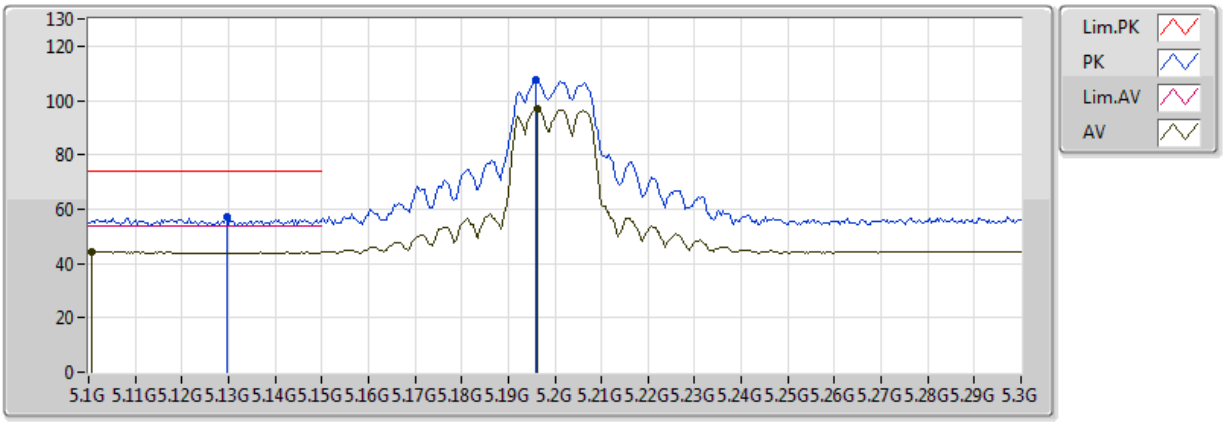


20170623
EUT Z_2TX
Setting 22
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	46.59	54.00	-7.41	5.31	3	V	268	2.41	-
AV	5.1948G	105.35	Inf	-Inf	5.47	3	V	268	2.41	-
PK	5.1488G	62.21	74.00	-11.79	5.31	3	V	268	2.41	-
PK	5.1944G	115.62	Inf	-Inf	5.47	3	V	268	2.41	-

802.11a_(6Mbps)_2TX

5200MHz_TX

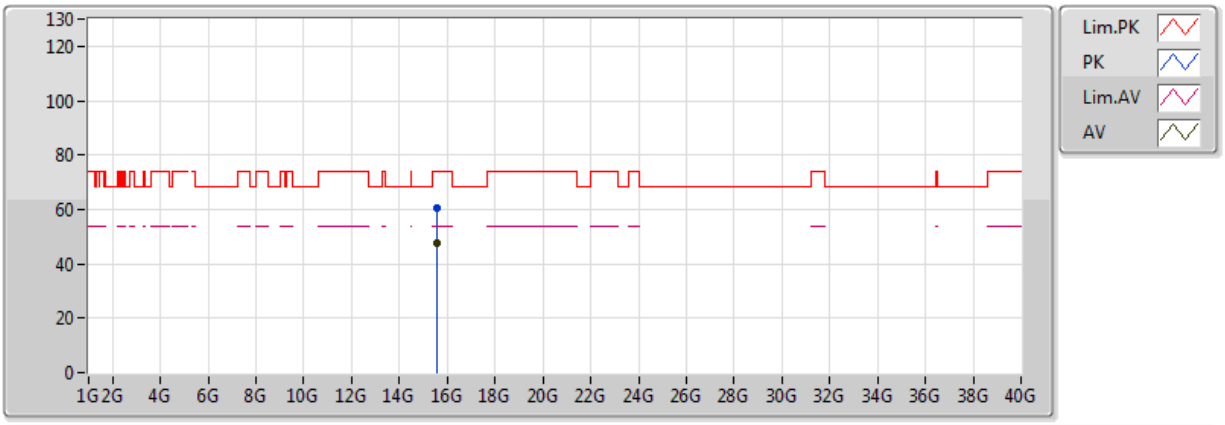


20170623
EUT Z_2TX
Setting 22
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1008G	44.39	54.00	-9.61	5.14	3	H	275	1.79	-
AV	5.1964G	96.83	Inf	-Inf	5.48	3	H	275	1.79	-
PK	5.1296G	56.88	74.00	-17.12	5.24	3	H	275	1.79	-
PK	5.196G	107.67	Inf	-Inf	5.48	3	H	275	1.79	-

802.11a_(6Mbps)_2TX

5200MHz_TX

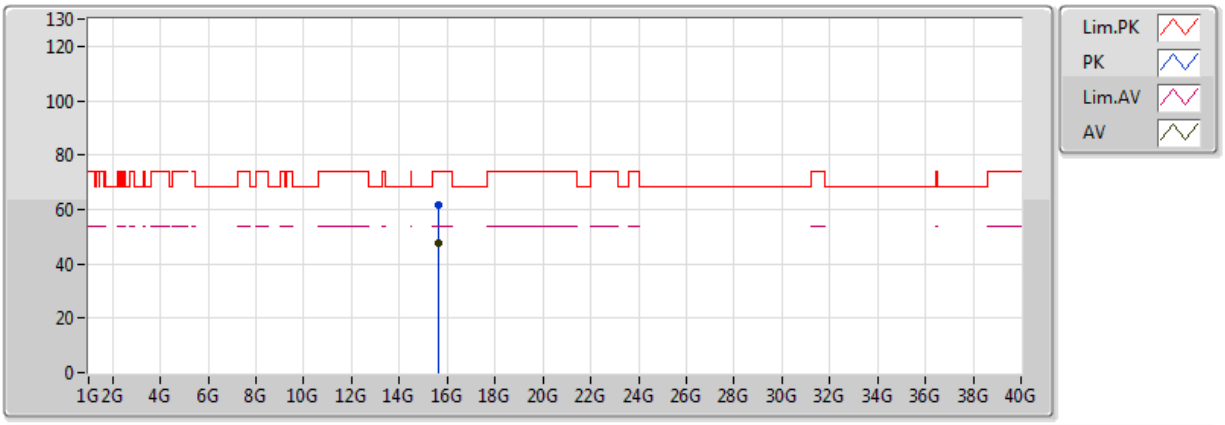


20170623
EUT Z_2TX
Setting 22
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.60084G	47.83	54.00	-6.17	17.85	3	V	335	1.51	-
PK	15.60018G	60.72	74.00	-13.28	17.85	3	V	335	1.51	-

802.11a_(6Mbps)_2TX

5200MHz_TX

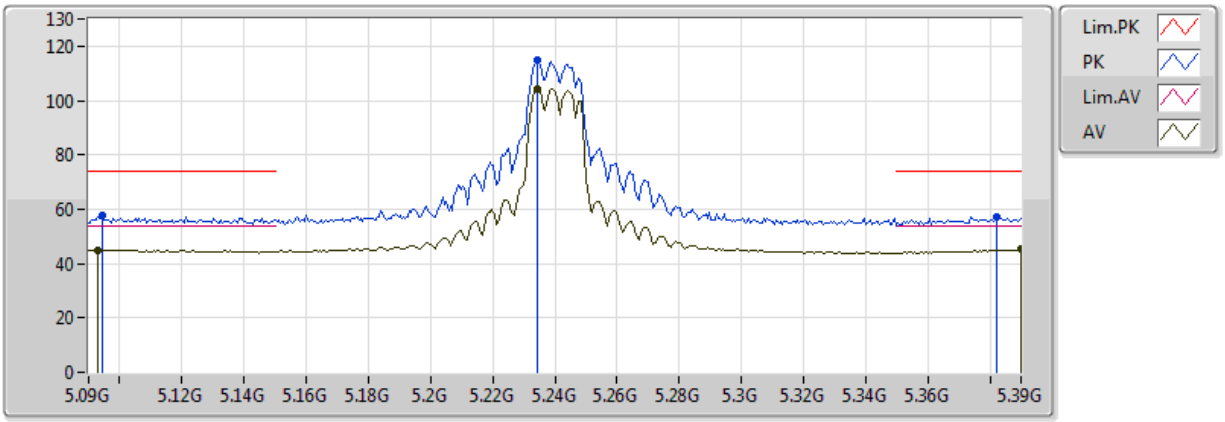


20170623
EUT Z_2TX
Setting 22
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.6021G	47.76	54.00	-6.24	17.85	3	H	244	1.30	-
PK	15.60738G	61.58	74.00	-12.42	17.85	3	H	244	1.30	-

802.11a_(6Mbps)_2TX

5240MHz_TX

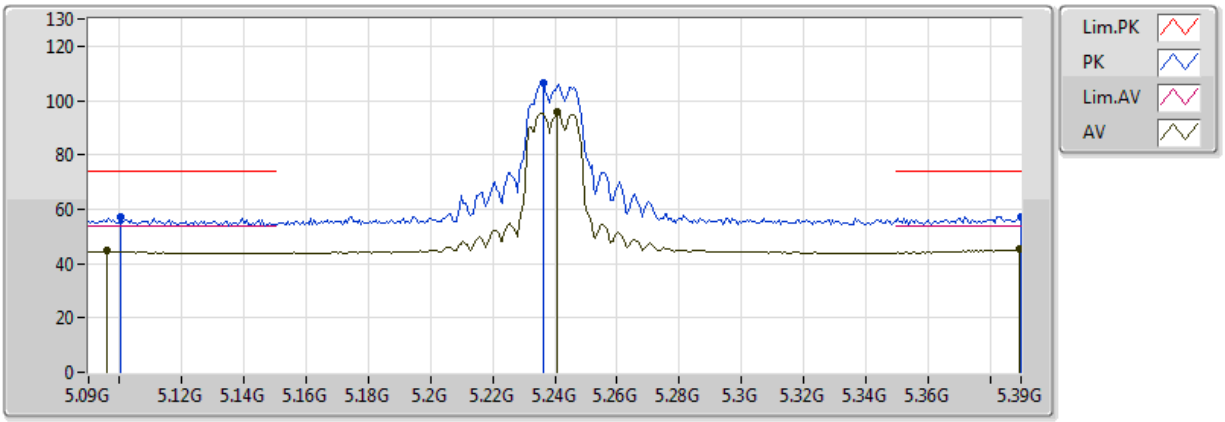


20170623
EUT Z_2TX
Setting 22
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.093G	44.99	54.00	-9.01	5.11	3	V	217	2.76	-
AV	5.2346G	104.23	Inf	-Inf	5.53	3	V	217	2.76	-
AV	5.39G	45.15	54.00	-8.85	5.69	3	V	217	2.76	-
PK	5.0942G	57.53	74.00	-16.47	5.12	3	V	217	2.76	-
PK	5.2346G	114.69	Inf	-Inf	5.53	3	V	217	2.76	-
PK	5.3822G	57.12	74.00	-16.88	5.68	3	V	217	2.76	-

802.11a_(6Mbps)_2TX

5240MHz_TX

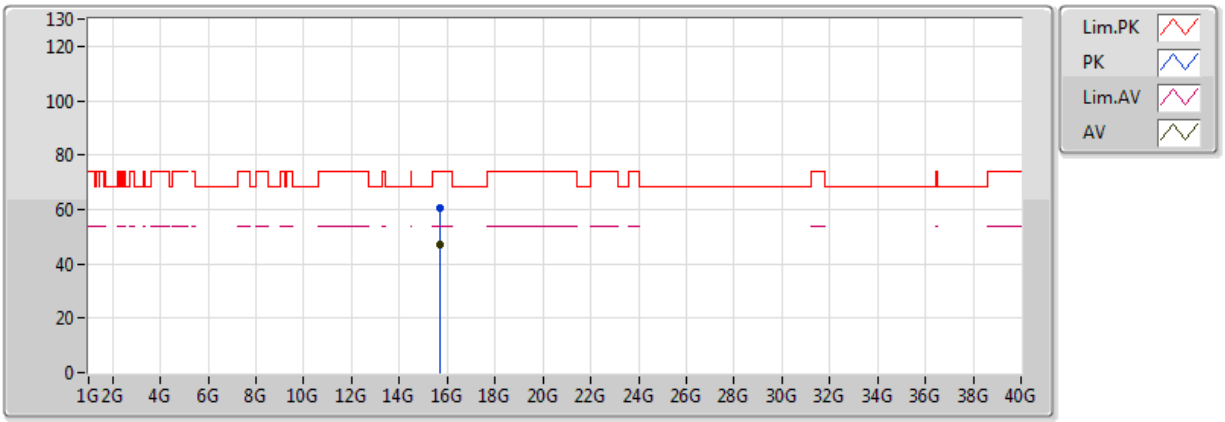


20170623
EUT Z_2TX
Setting 22
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.096G	44.57	54.00	-9.43	5.12	3	H	172	1.00	-
AV	5.2406G	95.57	Inf	-Inf	5.53	3	H	172	1.00	-
AV	5.3894G	45.17	54.00	-8.83	5.69	3	H	172	1.00	-
PK	5.1002G	57.20	74.00	-16.80	5.14	3	H	172	1.00	-
PK	5.2364G	106.25	Inf	-Inf	5.53	3	H	172	1.00	-
PK	5.39G	57.25	74.00	-16.75	5.69	3	H	172	1.00	-

802.11a_(6Mbps)_2TX

5240MHz_TX

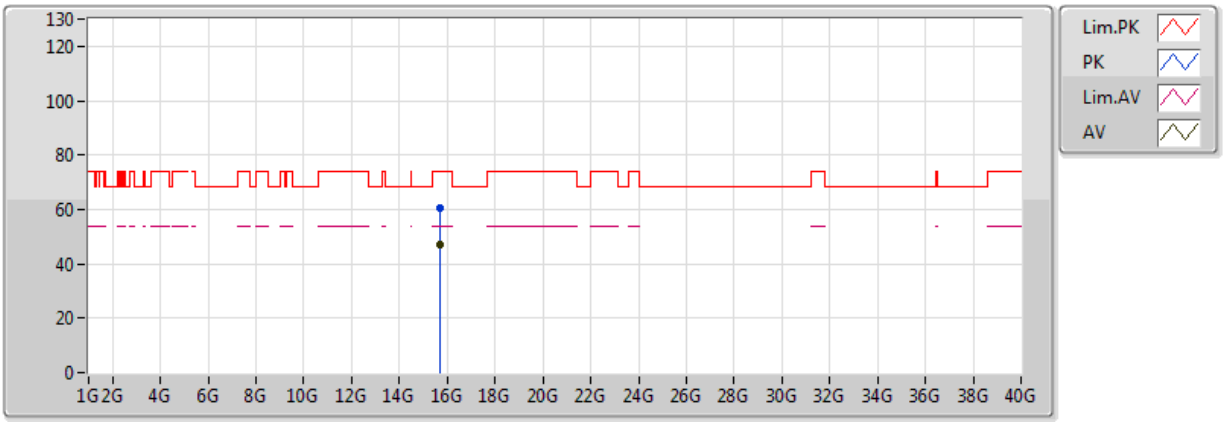


20170623
EUT Z_2TX
Setting 22
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.72306G	46.87	54.00	-7.13	17.95	3	V	5	1.94	-
PK	15.7212G	60.45	74.00	-13.55	17.94	3	V	5	1.94	-

802.11a_(6Mbps)_2TX

5240MHz_TX

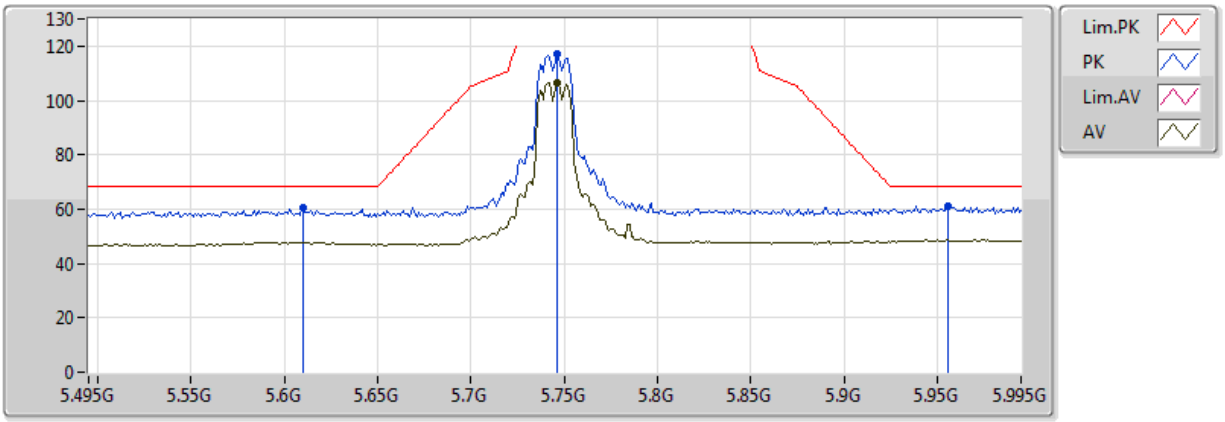


20170623
EUT Z_2TX
Setting 22
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.7062G	46.91	54.00	-7.09	17.93	3	H	314	1.22	-
PK	15.71448G	60.70	74.00	-13.30	17.94	3	H	314	1.22	-

802.11a_(6Mbps)_2TX

5745MHz_TX

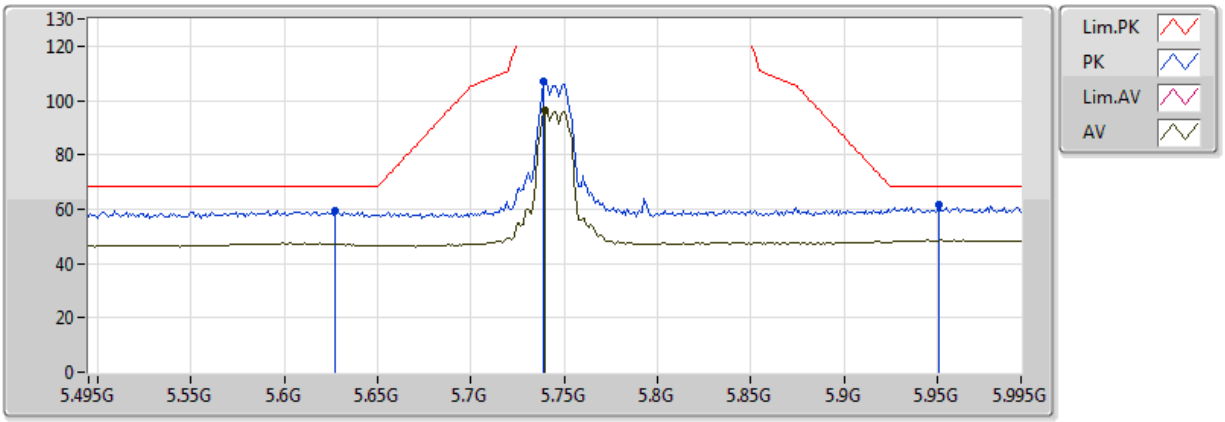


20170623
EUT Z_2TX
Setting 22.5
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.746G	106.44	Inf	-Inf	7.07	3	V	246	1.18	-
PK	5.61G	60.45	68.20	-7.75	6.80	3	V	246	1.18	-
PK	5.746G	116.96	Inf	-Inf	7.07	3	V	246	1.18	-
PK	5.956G	60.97	68.20	-7.23	8.19	3	V	246	1.18	-

802.11a_(6Mbps)_2TX

5745MHz_TX

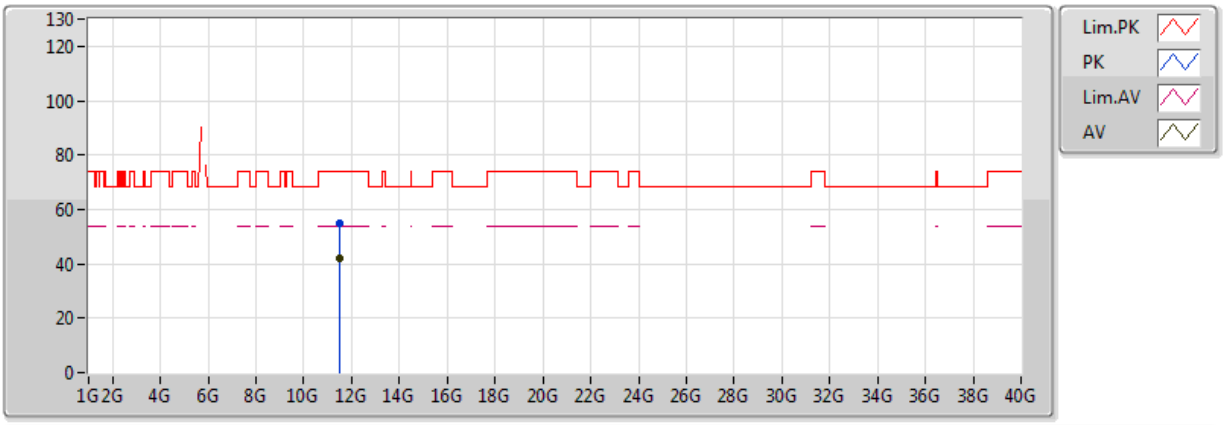


20170623
EUT Z_2TX
Setting 22.5
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.74G	96.18	Inf	-Inf	7.05	3	H	268	1.30	-
PK	5.627G	59.67	68.20	-8.53	6.83	3	H	268	1.30	-
PK	5.739G	107.00	Inf	-Inf	7.05	3	H	268	1.30	-
PK	5.951G	61.42	68.20	-6.78	8.16	3	H	268	1.30	-

802.11a_(6Mbps)_2TX

5745MHz_TX

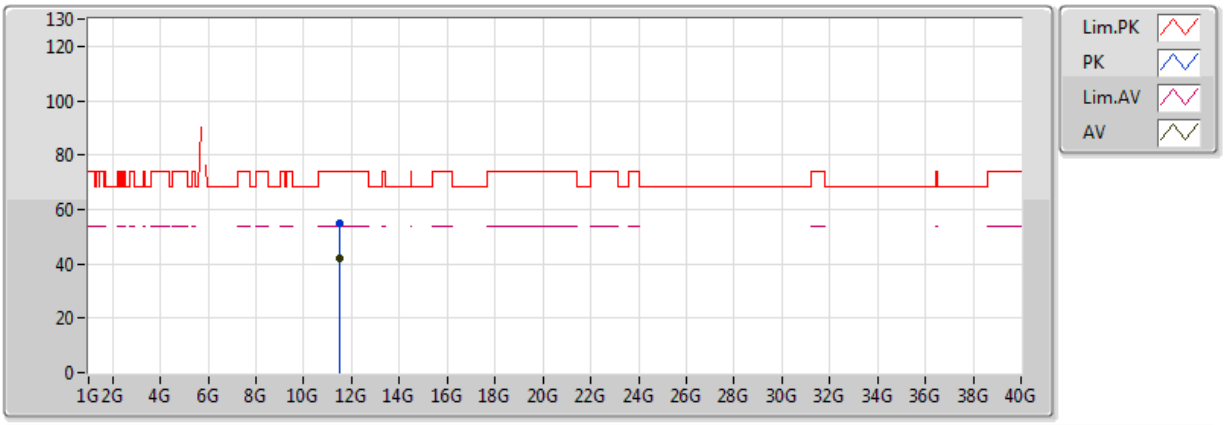


20170623
EUT Z_2TX
Setting 22.5
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.47974G	42.15	54.00	-11.85	16.12	3	V	116	2.25	-
PK	11.49114G	55.05	74.00	-18.95	16.12	3	V	116	2.25	-

802.11a_(6Mbps)_2TX

5745MHz_TX

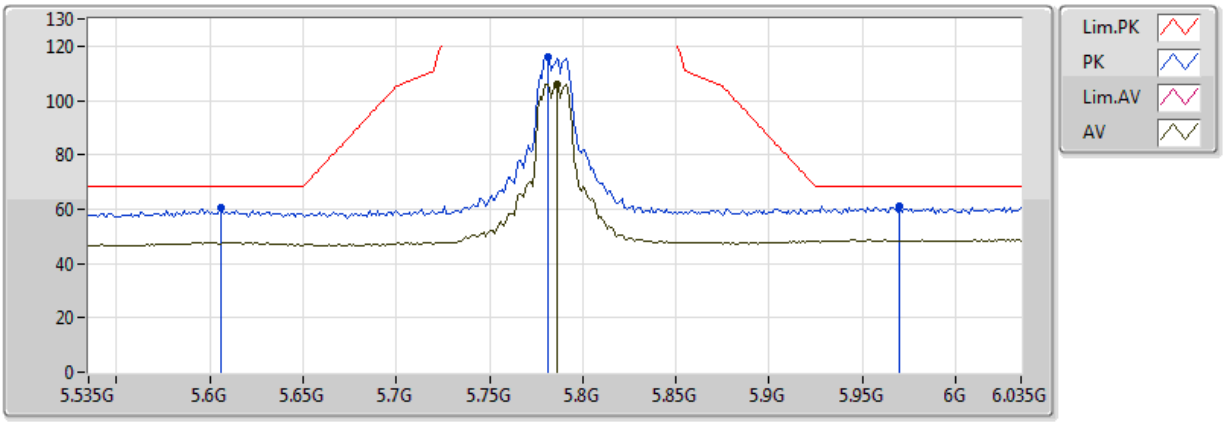


20170623
EUT Z_2TX
Setting 22.5
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.47878G	42.09	54.00	-11.91	16.12	3	H	170	2.37	-
PK	11.47638G	54.76	74.00	-19.24	16.11	3	H	170	2.37	-

802.11a_(6Mbps)_2TX

5785MHz_TX

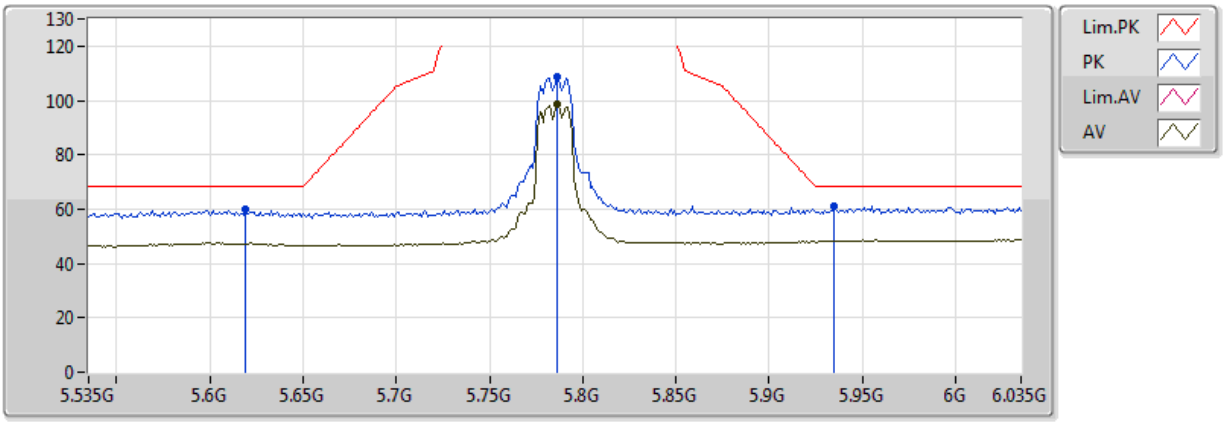


20170623
EUT Z_2TX
Setting 22.5
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.786G	106.08	Inf	-Inf	7.15	3	V	190	1.04	-
PK	5.606G	60.30	68.20	-7.90	6.79	3	V	190	1.04	-
PK	5.781G	116.11	Inf	-Inf	7.14	3	V	190	1.04	-
PK	5.97G	61.00	68.20	-7.20	8.29	3	V	190	1.04	-

802.11a_(6Mbps)_2TX

5785MHz_TX

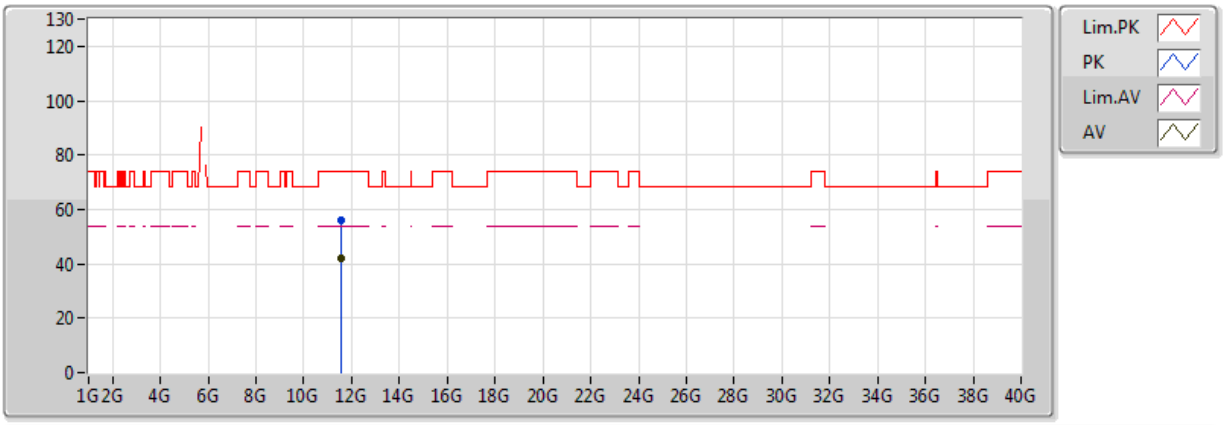


20170623
EUT Z_2TX
Setting 22.5
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.786G	98.46	Inf	-Inf	7.15	3	H	196	1.00	-
PK	5.619G	59.68	68.20	-8.52	6.82	3	H	196	1.00	-
PK	5.786G	108.72	Inf	-Inf	7.15	3	H	196	1.00	-
PK	5.935G	61.25	68.20	-6.95	8.06	3	H	196	1.00	-

802.11a_(6Mbps)_2TX

5785MHz_TX

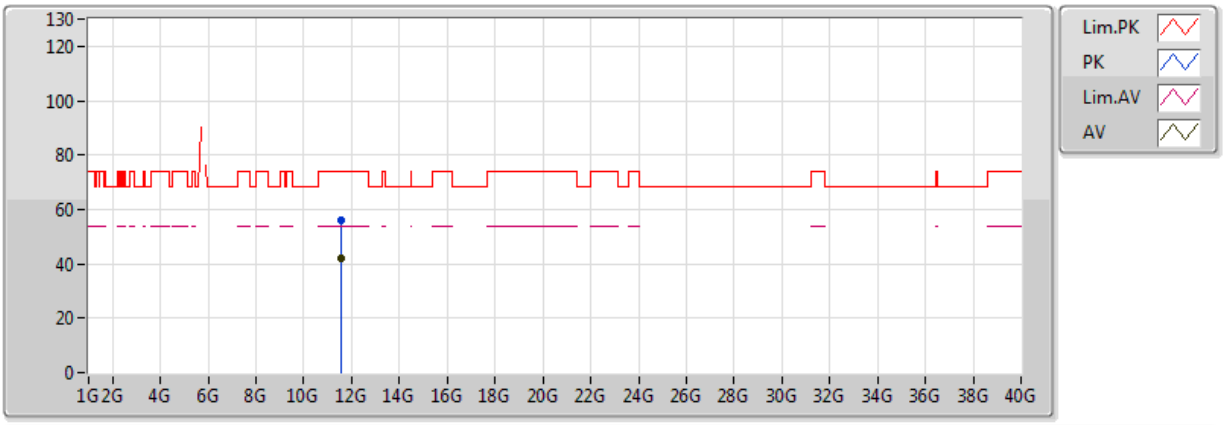


20170623
EUT Z_2TX
Setting 22.5
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57006G	42.26	54.00	-11.74	16.18	3	V	273	2.06	-
PK	11.56304G	56.00	74.00	-18.00	16.17	3	V	273	2.06	-

802.11a_(6Mbps)_2TX

5785MHz_TX

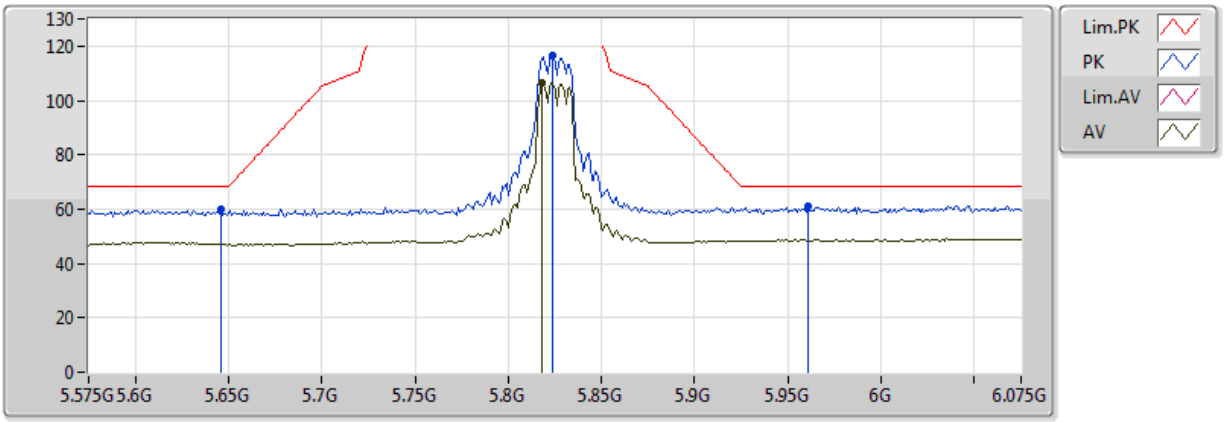


20170623
EUT Z_2TX
Setting 22.5
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.56094G	42.06	54.00	-11.94	16.17	3	H	211	2.09	-
PK	11.56598G	56.14	74.00	-17.86	16.17	3	H	211	2.09	-

802.11a_(6Mbps)_2TX

5825MHz_TX

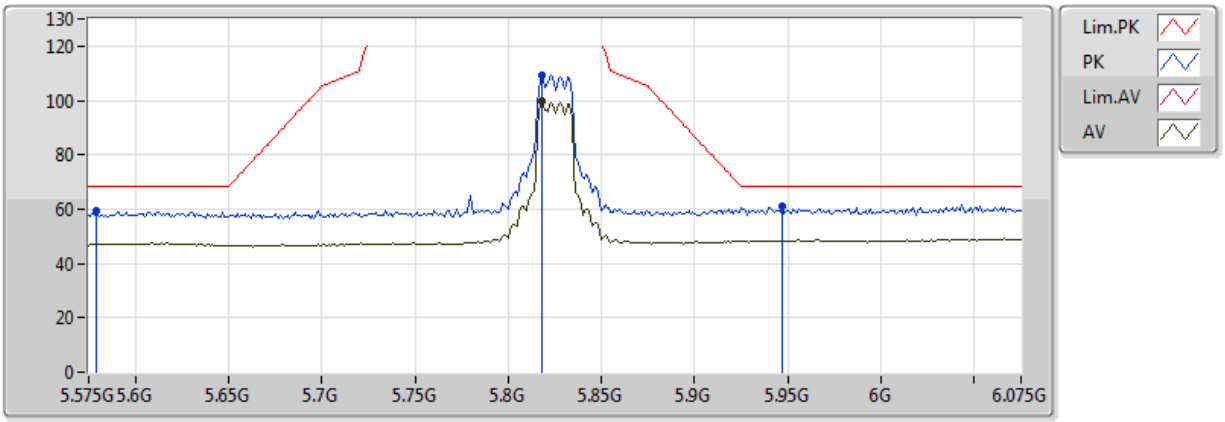


20170623
EUT Z_2TX
Setting 22.5
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.818G	106.34	Inf	-Inf	7.30	3	V	189	2.46	-
PK	5.646G	60.20	68.20	-8.00	6.87	3	V	189	2.46	-
PK	5.824G	116.74	Inf	-Inf	7.34	3	V	189	2.46	-
PK	5.961G	60.81	68.20	-7.39	8.23	3	V	189	2.46	-

802.11a_(6Mbps)_2TX

5825MHz_TX

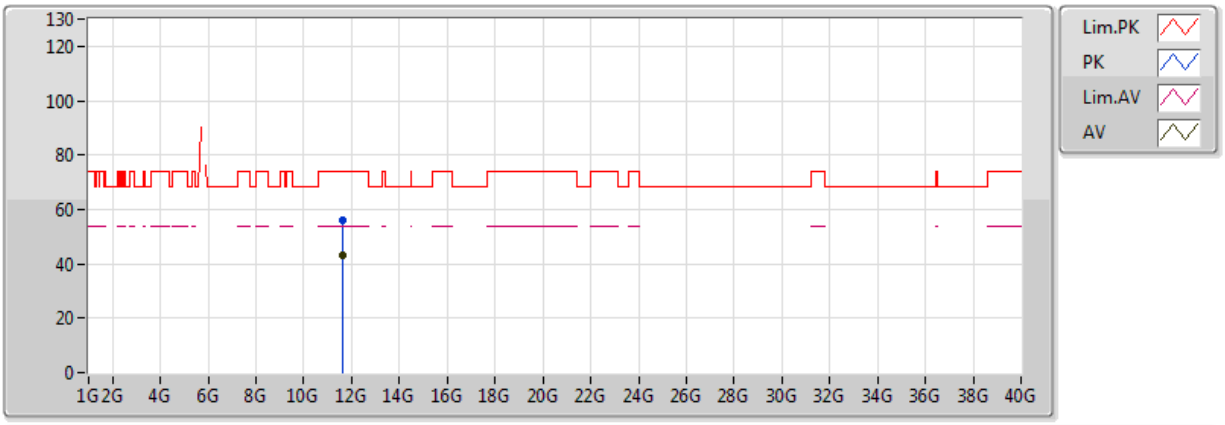


20170623
EUT Z_2TX
Setting 22.5
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.818G	99.57	Inf	-Inf	7.30	3	H	192	1.00	-
PK	5.579G	59.43	68.20	-8.77	6.65	3	H	192	1.00	-
PK	5.818G	109.22	Inf	-Inf	7.30	3	H	192	1.00	-
PK	5.947G	61.24	68.20	-6.96	8.14	3	H	192	1.00	-

802.11a_(6Mbps)_2TX

5825MHz_TX

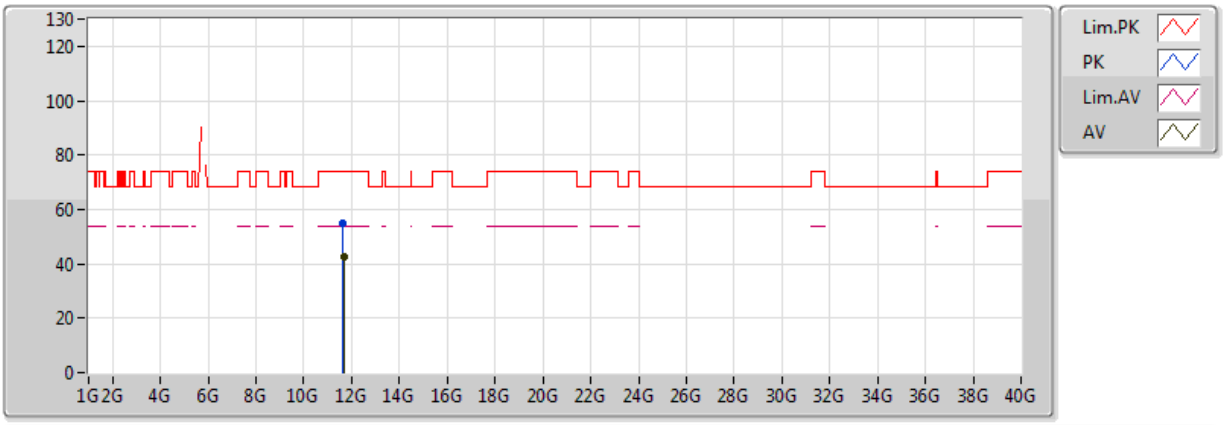


20170623
EUT Z_2TX
Setting 22.5
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65012G	43.18	54.00	-10.82	16.23	3	V	186	1.08	-
PK	11.65456G	56.10	74.00	-17.90	16.23	3	V	186	1.08	-

802.11a_(6Mbps)_2TX

5825MHz_TX

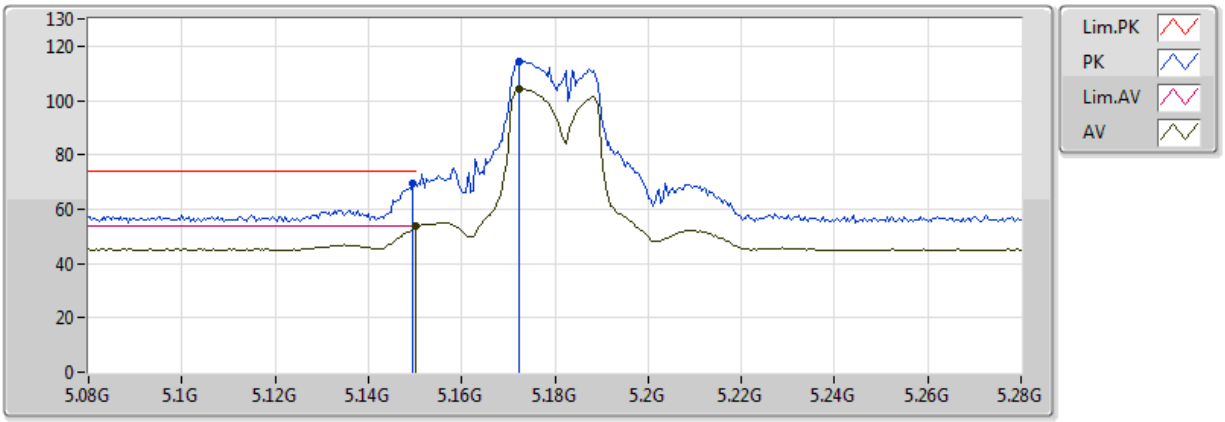


20170623
EUT Z_2TX
Setting 22.5
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65678G	42.49	54.00	-11.51	16.23	3	H	203	1.22	-
PK	11.64538G	55.04	74.00	-18.96	16.23	3	H	203	1.22	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

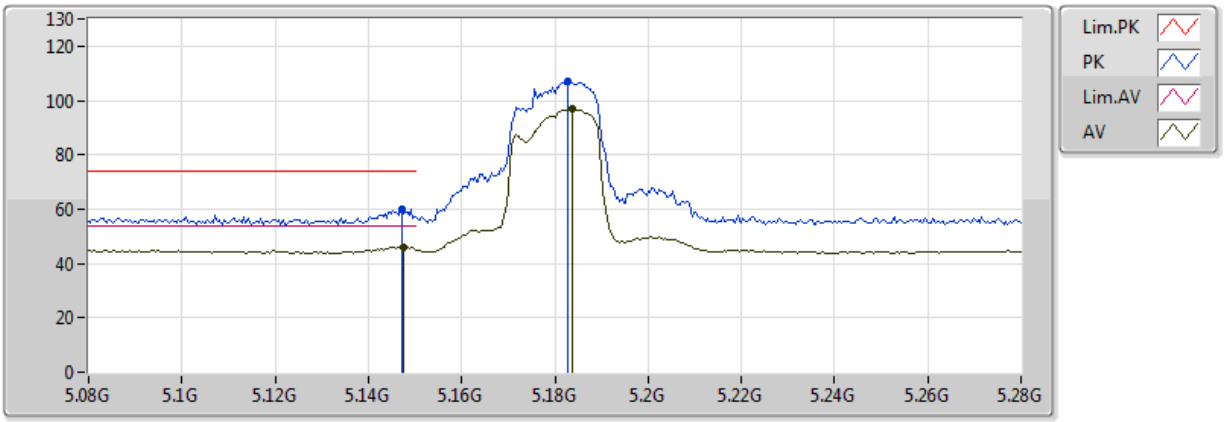


20170623
EUT Z_2TX
Setting 21
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.55	54.00	-0.45	5.31	3	V	177	2.53	-
AV	5.1724G	104.43	Inf	-Inf	5.39	3	V	177	2.53	-
PK	5.1496G	69.35	74.00	-4.65	5.31	3	V	177	2.53	-
PK	5.1724G	114.47	Inf	-Inf	5.39	3	V	177	2.53	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

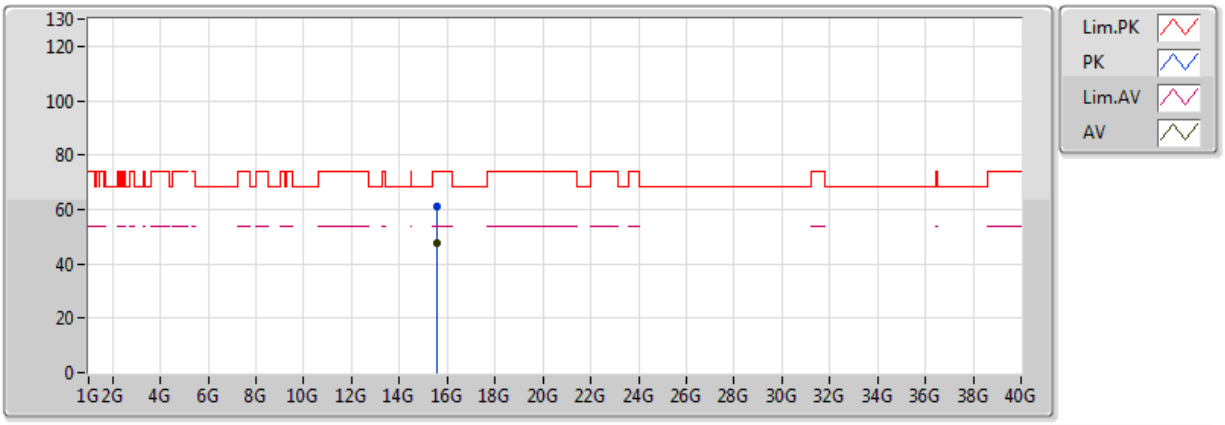


20170623
EUT Z_2TX
Setting 21
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1476G	46.20	54.00	-7.80	5.31	3	H	174	1.03	-
AV	5.1836G	96.72	Inf	-Inf	5.43	3	H	174	1.03	-
PK	5.1472G	60.08	74.00	-13.92	5.31	3	H	174	1.03	-
PK	5.1828G	107.12	Inf	-Inf	5.43	3	H	174	1.03	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

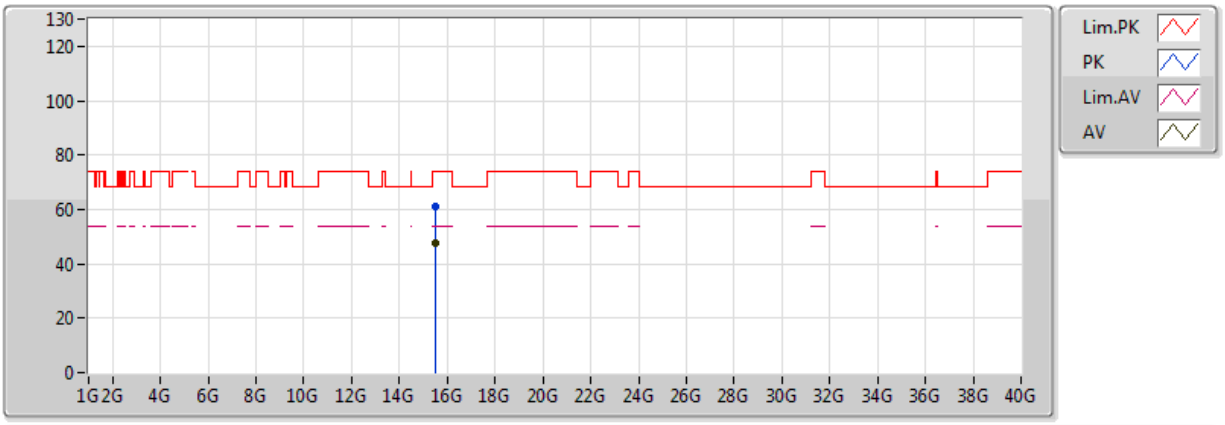


20170623
EUT Z_2TX
Setting 21
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.55416G	47.69	54.00	-6.31	17.81	3	V	256	2.40	-
PK	15.54798G	61.31	74.00	-12.69	17.80	3	V	256	2.40	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

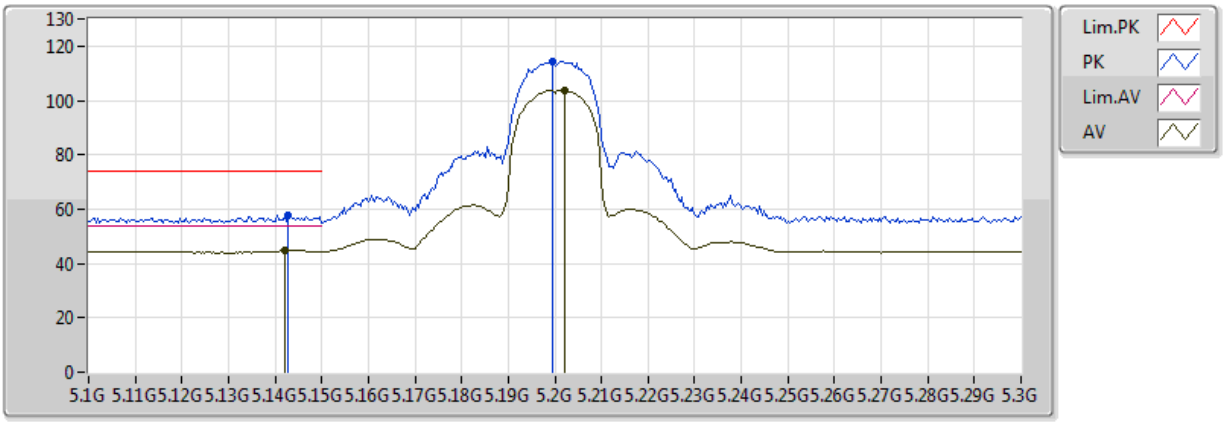


20170623
EUT Z_2TX
Setting 21
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.5349G	47.67	54.00	-6.33	17.79	3	H	250	1.14	-
PK	15.5268G	61.12	74.00	-12.88	17.79	3	H	250	1.14	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

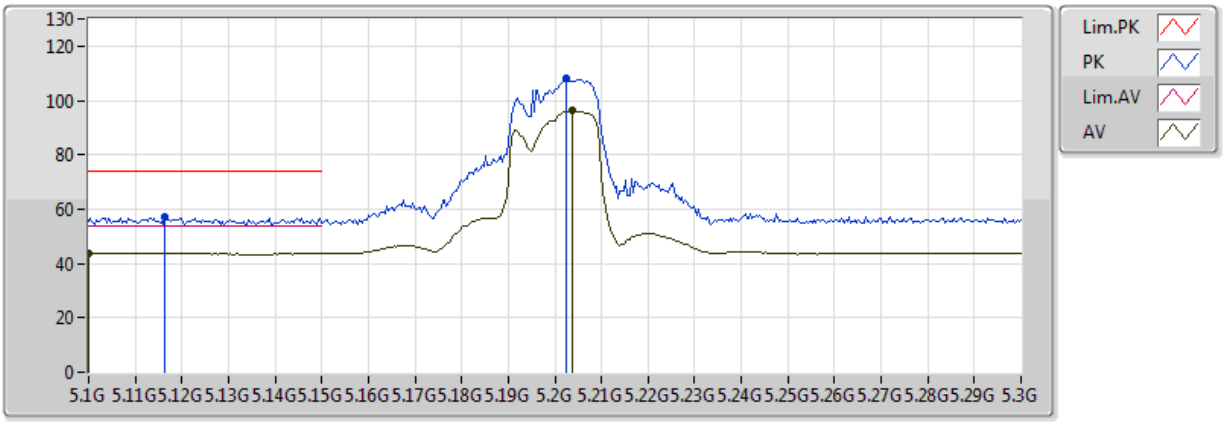


20170623
EUT Z_2TX
Setting 22
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.142G	44.78	54.00	-9.22	5.29	3	V	211	2.95	-
AV	5.202G	103.86	Inf	-Inf	5.49	3	V	211	2.95	-
PK	5.1428G	57.71	74.00	-16.29	5.29	3	V	211	2.95	-
PK	5.1996G	114.47	Inf	-Inf	5.49	3	V	211	2.95	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

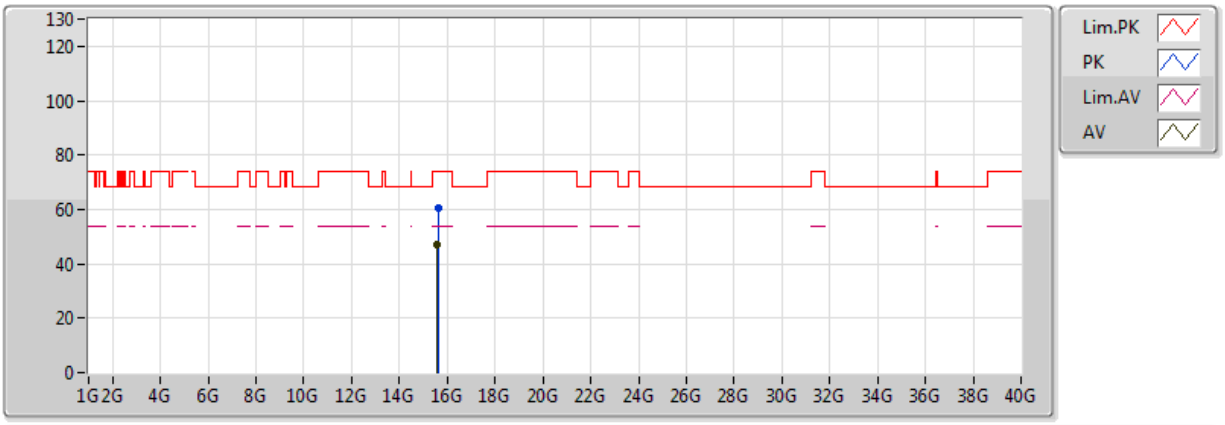


20170623
EUT Z_2TX
Setting 22
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1G	43.96	54.00	-10.04	5.14	3	H	172	1.00	-
AV	5.2036G	96.24	Inf	-Inf	5.49	3	H	172	1.00	-
PK	5.1164G	57.42	74.00	-16.58	5.20	3	H	172	1.00	-
PK	5.2024G	107.88	Inf	-Inf	5.49	3	H	172	1.00	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

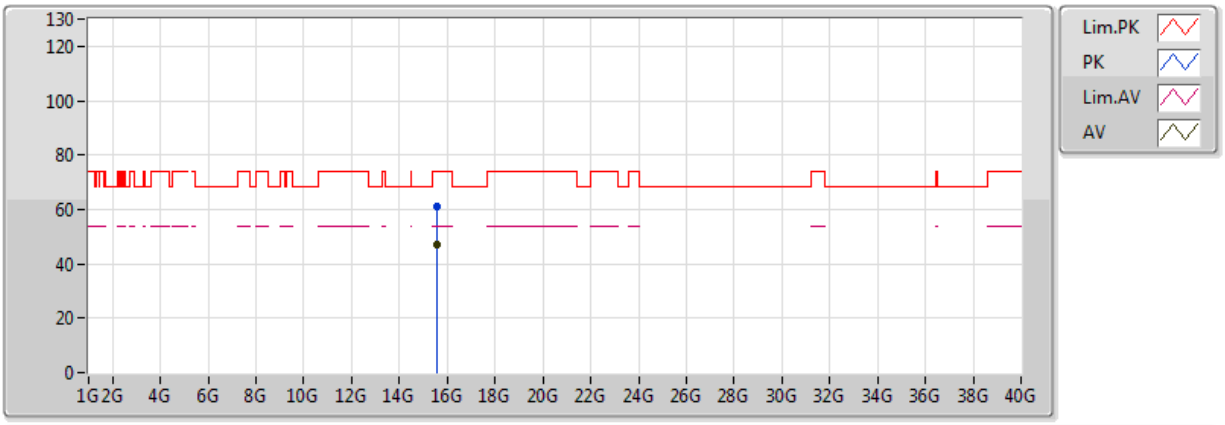


20170623
EUT Z_2TX
Setting 22
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.58782G	47.07	54.00	-6.93	17.84	3	V	114	2.37	-
PK	15.61236G	60.76	74.00	-13.24	17.86	3	V	114	2.37	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

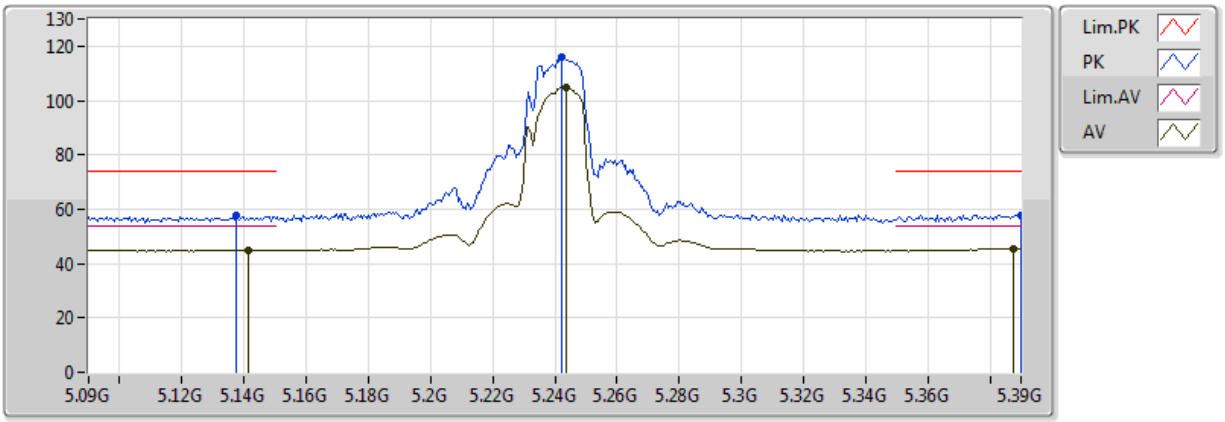


20170623
EUT Z_2TX
Setting 22
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.58812G	47.08	54.00	-6.92	17.84	3	H	291	2.39	-
PK	15.59748G	60.82	74.00	-13.18	17.84	3	H	291	2.39	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

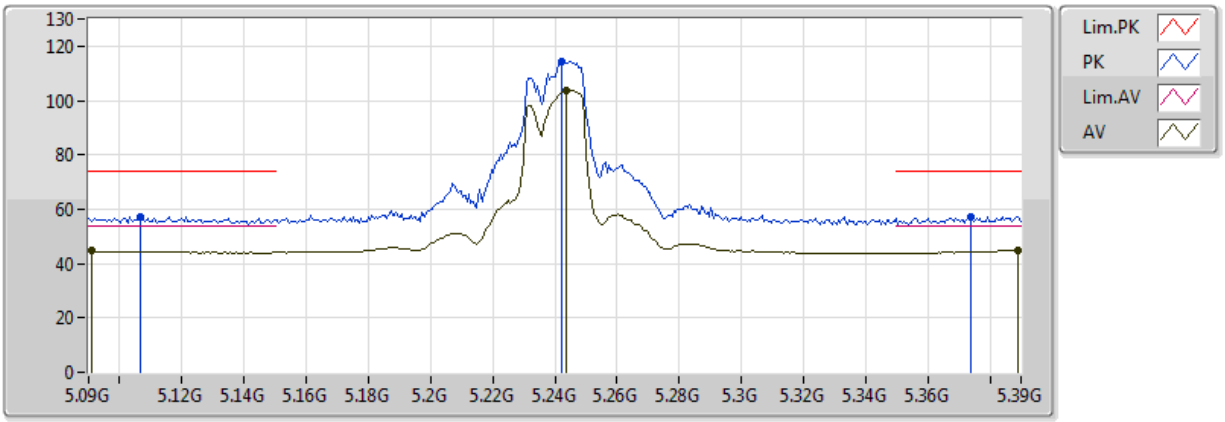


20170623
EUT Z_2TX
Setting 22
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1416G	44.89	54.00	-9.11	5.29	3	V	195	2.96	-
AV	5.2436G	104.79	Inf	-Inf	5.54	3	V	195	2.96	-
AV	5.3876G	45.53	54.00	-8.47	5.69	3	V	195	2.96	-
PK	5.1374G	57.92	74.00	-16.08	5.27	3	V	195	2.96	-
PK	5.2424G	116.09	Inf	-Inf	5.54	3	V	195	2.96	-
PK	5.39G	57.89	74.00	-16.11	5.69	3	V	195	2.96	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

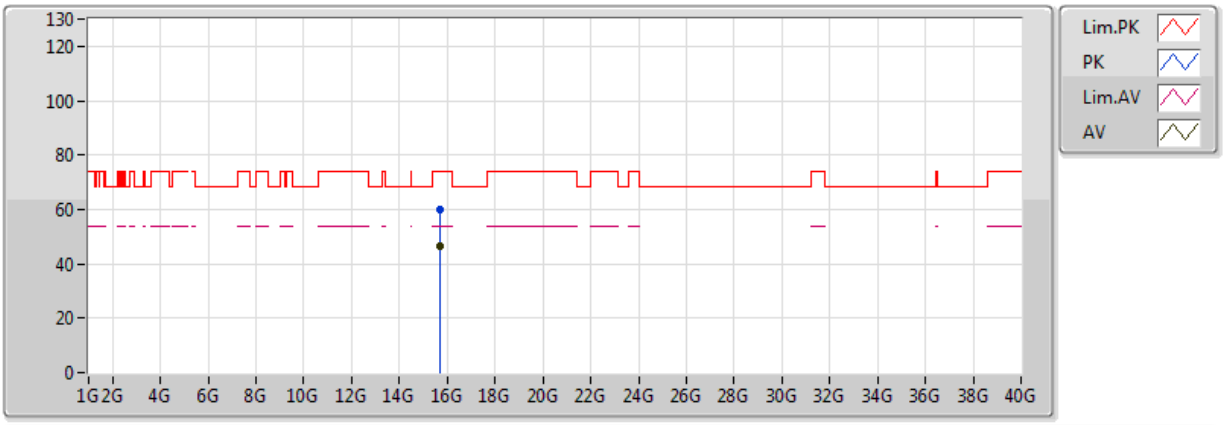


20170623
EUT Z_2TX
Setting 22
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.0912G	44.56	54.00	-9.44	5.10	3	H	130	1.00	-
AV	5.2436G	103.71	Inf	-Inf	5.54	3	H	130	1.00	-
AV	5.3888G	44.79	54.00	-9.21	5.69	3	H	130	1.00	-
PK	5.1068G	57.40	74.00	-16.60	5.16	3	H	130	1.00	-
PK	5.2424G	114.10	Inf	-Inf	5.54	3	H	130	1.00	-
PK	5.3738G	57.00	74.00	-17.00	5.67	3	H	130	1.00	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

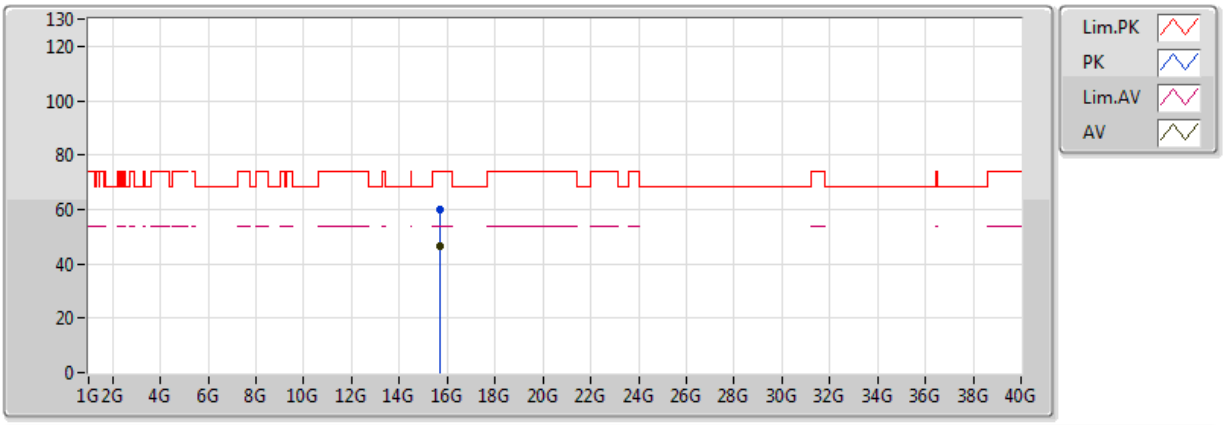


20170623
EUT Z_2TX
Setting 22
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.70578G	46.30	54.00	-7.70	17.93	3	V	317	2.35	-
PK	15.70974G	60.23	74.00	-13.77	17.93	3	V	317	2.35	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

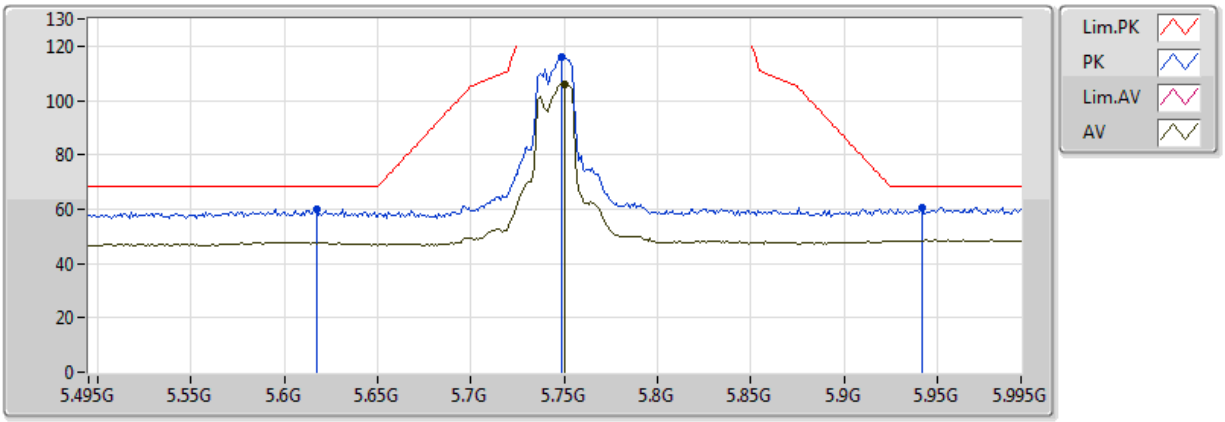


20170623
EUT Z_2TX
Setting 22
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.71034G	46.25	54.00	-7.75	17.94	3	H	351	1.43	-
PK	15.71094G	59.83	74.00	-14.17	17.94	3	H	351	1.43	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

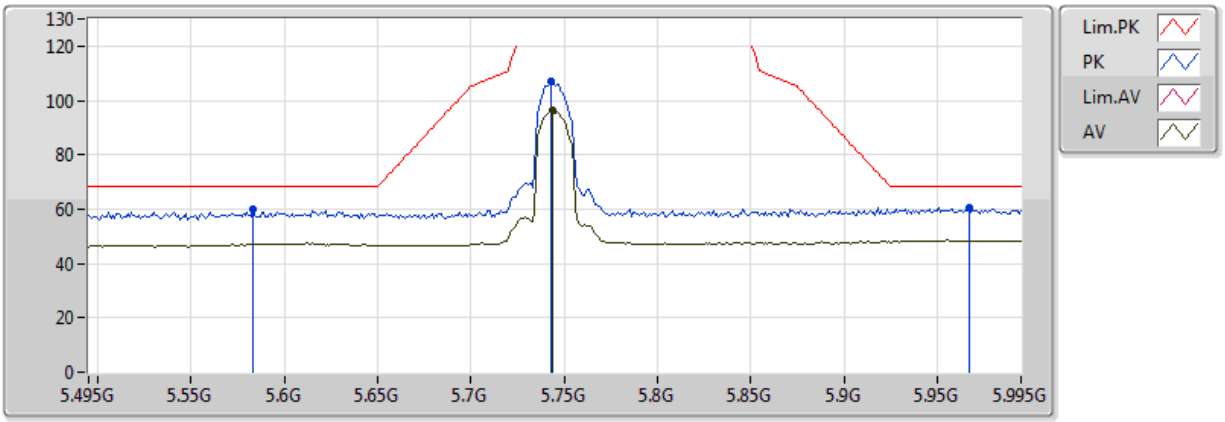


20170623
EUT Z_2TX
Setting 22.5
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.75G	105.98	Inf	-Inf	7.08	3	V	193	1.01	-
PK	5.617G	59.85	68.20	-8.35	6.81	3	V	193	1.01	-
PK	5.749G	115.88	Inf	-Inf	7.07	3	V	193	1.01	-
PK	5.942G	60.75	68.20	-7.45	8.10	3	V	193	1.01	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

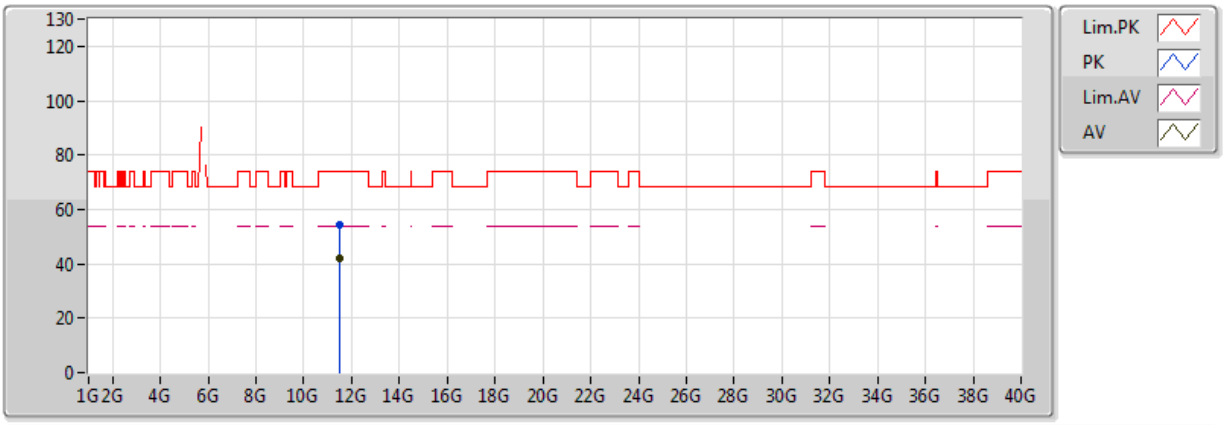


20170623
EUT Z_2TX
Setting 22.5
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.744G	96.38	Inf	-Inf	7.06	3	H	269	1.60	-
PK	5.583G	59.81	68.20	-8.39	6.67	3	H	269	1.60	-
PK	5.743G	106.82	Inf	-Inf	7.06	3	H	269	1.60	-
PK	5.967G	60.64	68.20	-7.56	8.27	3	H	269	1.60	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

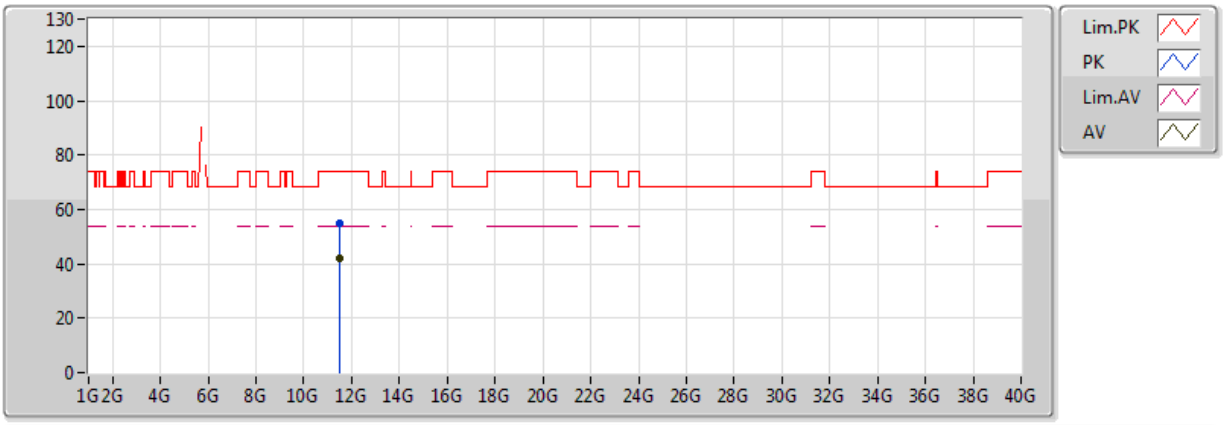


20170623
EUT Z_2TX
Setting 22.5
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.47662G	42.14	54.00	-11.86	16.11	3	V	3	2.21	-
PK	11.48418G	54.63	74.00	-19.37	16.12	3	V	3	2.21	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

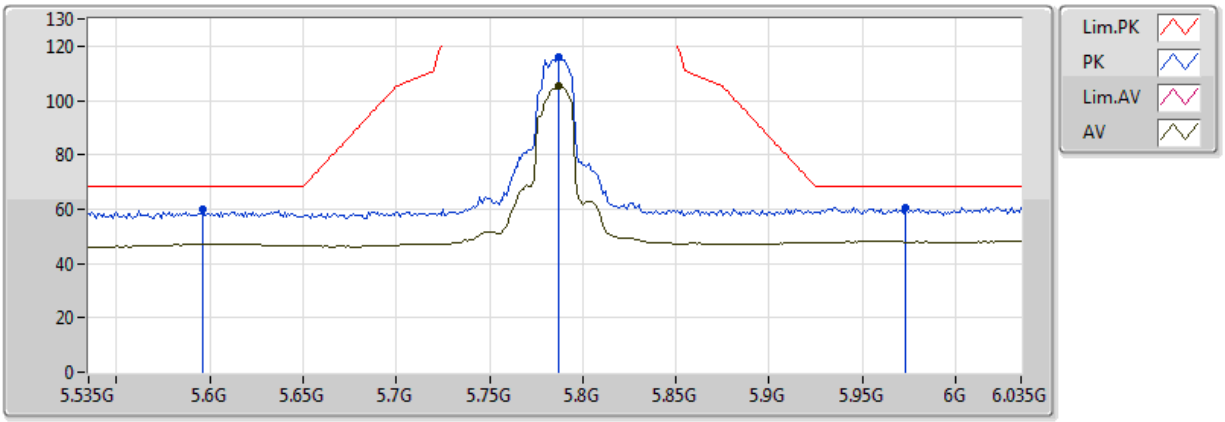


20170623
EUT Z_2TX
Setting 22.5
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.47596G	42.08	54.00	-11.92	16.11	3	H	231	1.30	-
PK	11.48394G	55.05	74.00	-18.95	16.12	3	H	231	1.30	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

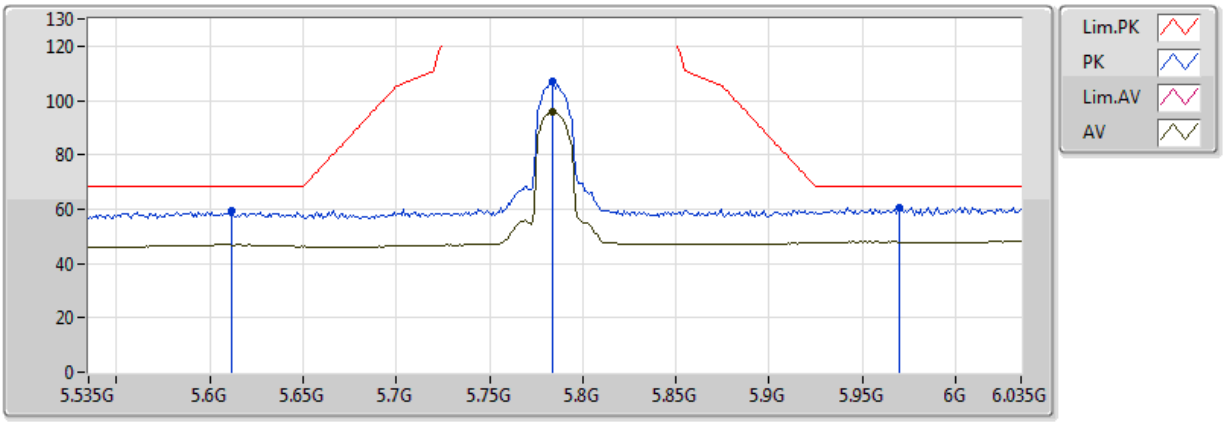


20170623
EUT Z_2TX
Setting 22.5
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.787G	105.34	Inf	-Inf	7.15	3	V	190	1.00	-
PK	5.596G	59.68	68.20	-8.52	6.76	3	V	190	1.00	-
PK	5.787G	116.17	Inf	-Inf	7.15	3	V	190	1.00	-
PK	5.973G	60.45	68.20	-7.75	8.30	3	V	190	1.00	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

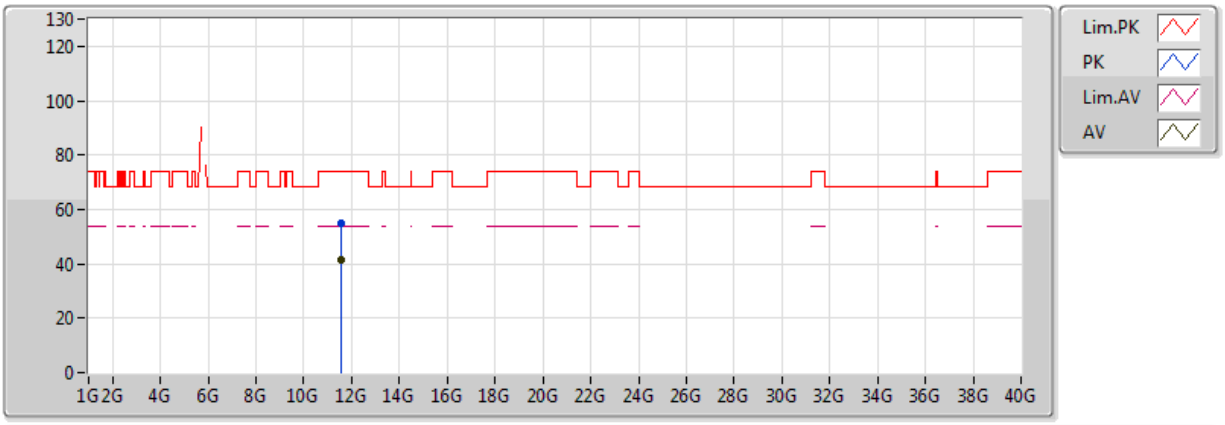


20170623
EUT Z_2TX
Setting 22.5
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.784G	95.84	Inf	-Inf	7.15	3	H	270	1.00	-
PK	5.612G	59.16	68.20	-9.04	6.80	3	H	270	1.00	-
PK	5.784G	107.19	Inf	-Inf	7.15	3	H	270	1.00	-
PK	5.97G	60.76	68.20	-7.44	8.29	3	H	270	1.00	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

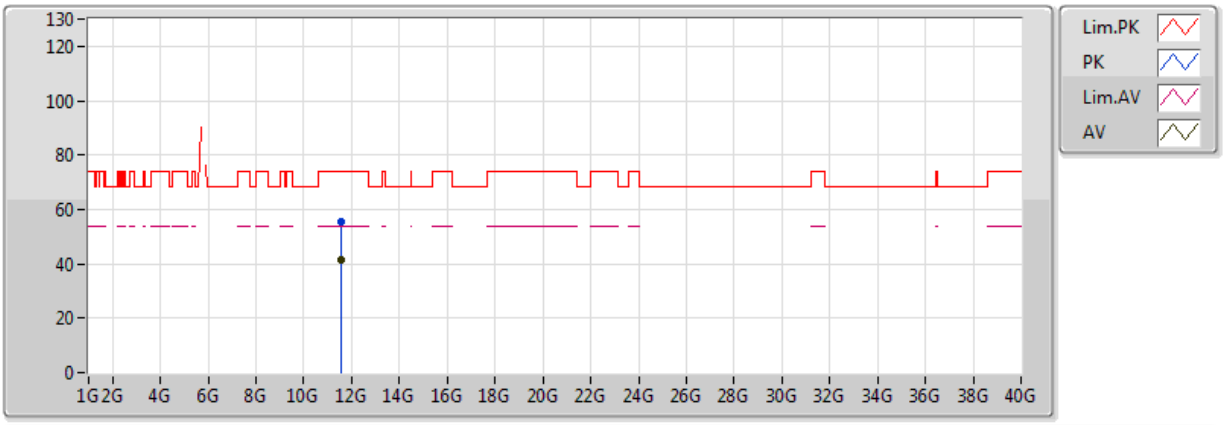


20170623
EUT Z_2TX
Setting 22.5
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57318G	41.37	54.00	-12.63	16.18	3	V	12	1.56	-
PK	11.56736G	55.18	74.00	-18.82	16.17	3	V	12	1.56	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

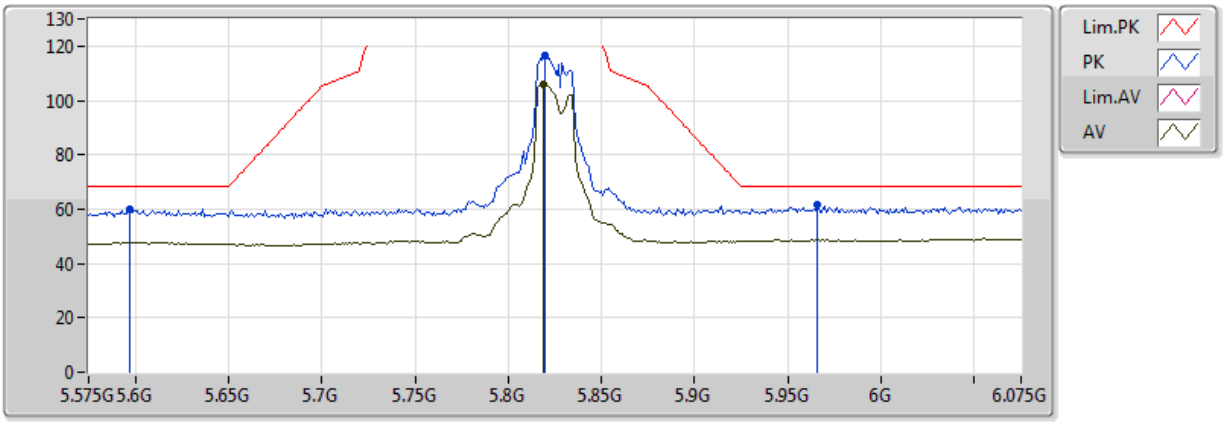


20170623
EUT Z_2TX
Setting 22.5
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.55932G	41.26	54.00	-12.74	16.17	3	H	6	1.80	-
PK	11.56562G	55.20	74.00	-18.80	16.17	3	H	6	1.80	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

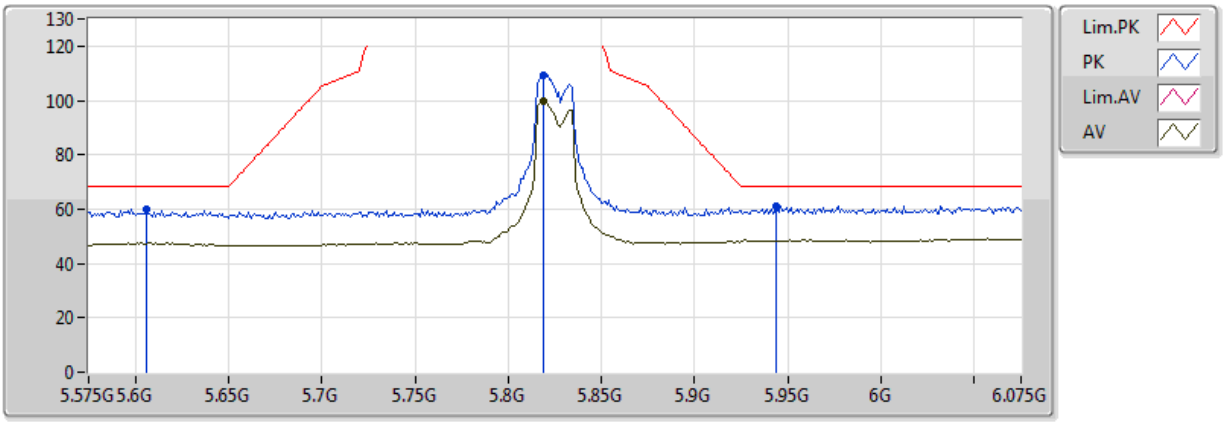


20170623
EUT Z_2TX
Setting 23
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.819G	106.18	Inf	-Inf	7.30	3	V	192	1.00	-
PK	5.597G	59.74	68.20	-8.46	6.76	3	V	192	1.00	-
PK	5.82G	116.40	Inf	-Inf	7.31	3	V	192	1.00	-
PK	5.966G	61.47	68.20	-6.73	8.26	3	V	192	1.00	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

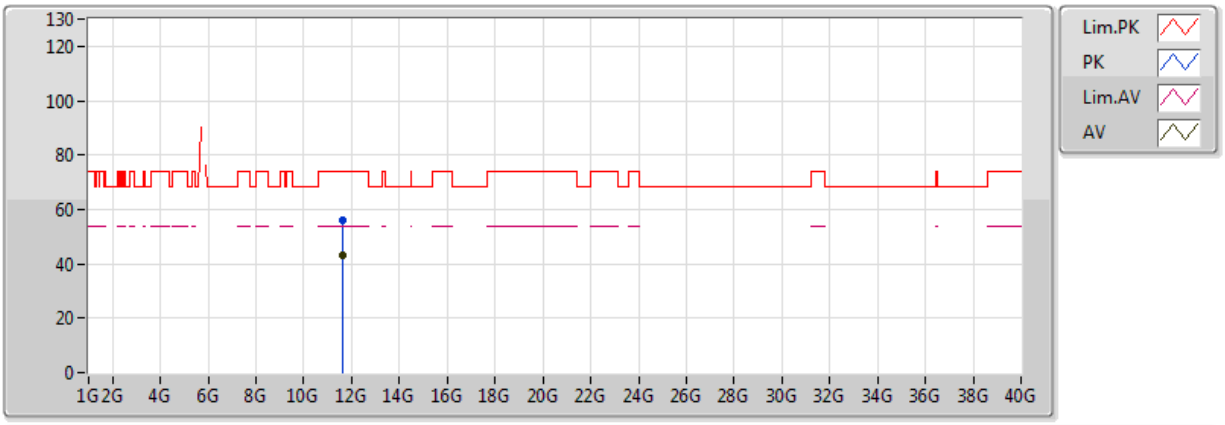


20170623
EUT Z_2TX
Setting 23
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.819G	99.65	Inf	-Inf	7.30	3	H	194	1.00	-
PK	5.606G	60.12	68.20	-8.08	6.79	3	H	194	1.00	-
PK	5.819G	109.26	Inf	-Inf	7.30	3	H	194	1.00	-
PK	5.944G	61.15	68.20	-7.05	8.12	3	H	194	1.00	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

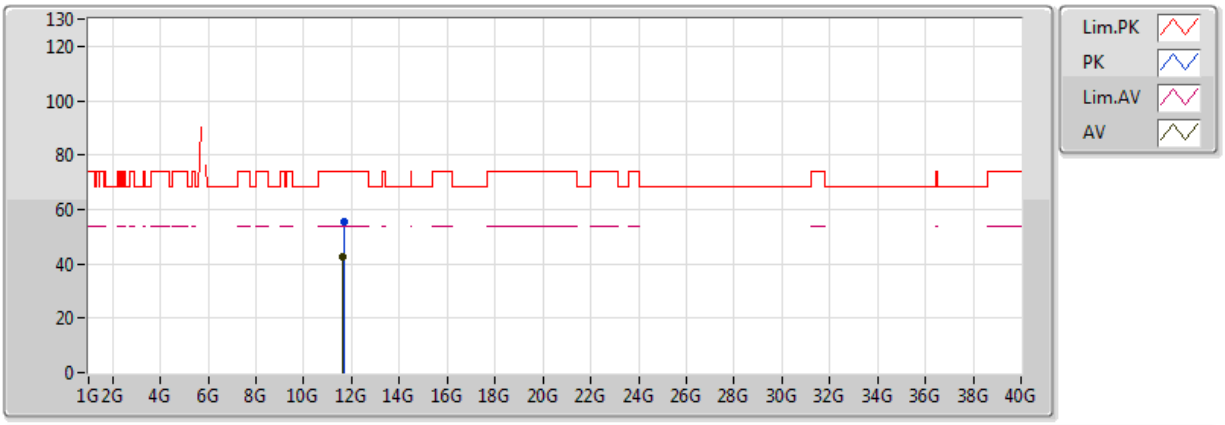


20170623
EUT Z_2TX
Setting 23
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65066G	42.96	54.00	-11.04	16.23	3	V	154	2.00	-
PK	11.6545G	55.89	74.00	-18.11	16.23	3	V	154	2.00	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

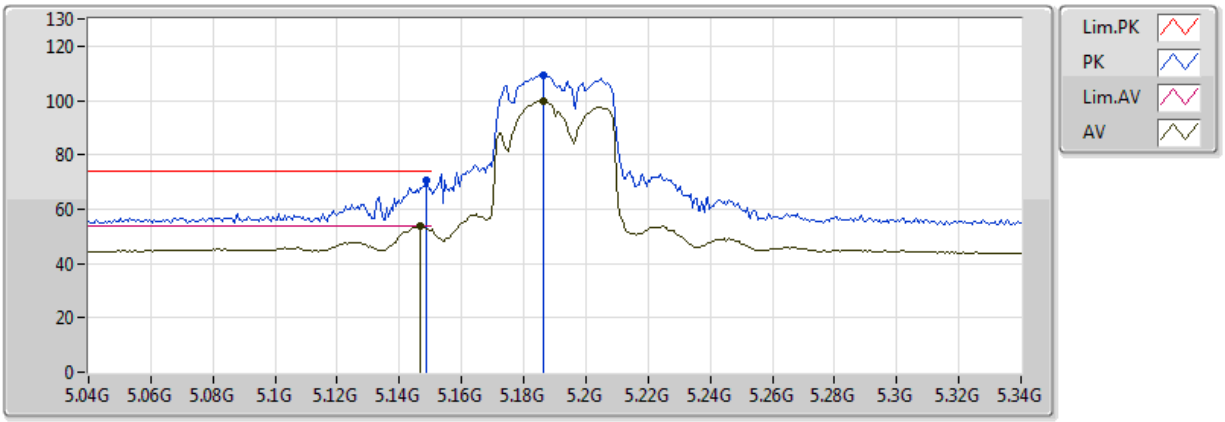


20170623
EUT Z_2TX
Setting 23
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.6524G	42.40	54.00	-11.60	16.23	3	H	343	1.39	-
PK	11.65996G	55.33	74.00	-18.67	16.24	3	H	343	1.39	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

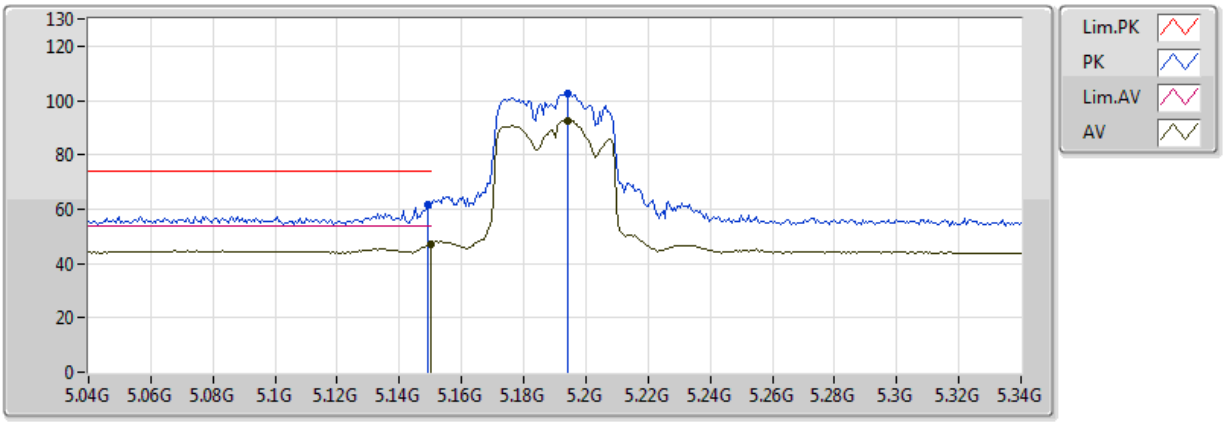


20170623
EUT Z_2TX
Setting 20.5
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1468G	53.57	54.00	-0.43	5.30	3	V	92	1.08	-
AV	5.1864G	99.68	Inf	-Inf	5.44	3	V	92	1.08	-
PK	5.1486G	70.77	74.00	-3.23	5.31	3	V	92	1.08	-
PK	5.1864G	109.36	Inf	-Inf	5.44	3	V	92	1.08	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

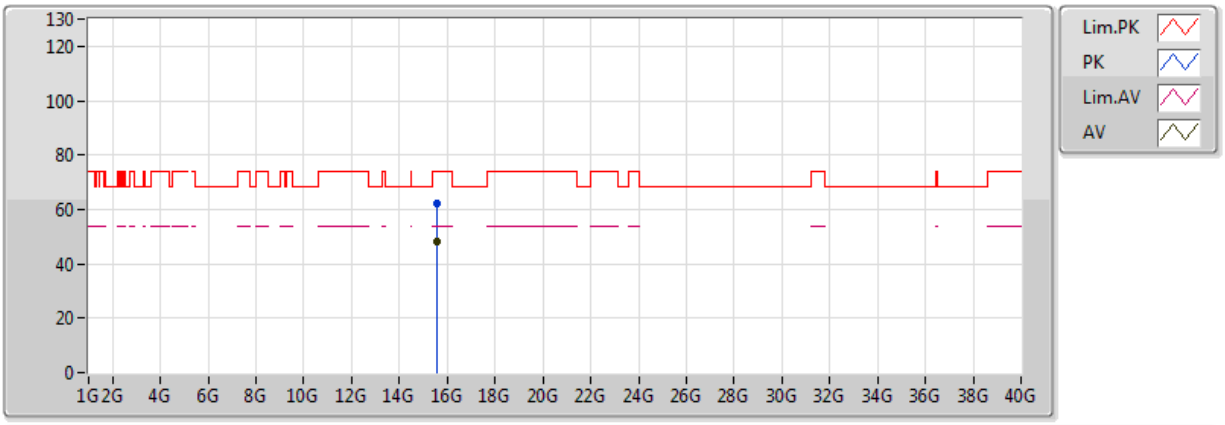


20170623
EUT Z_2TX
Setting 20.5
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	47.30	54.00	-6.70	5.31	3	H	175	1.11	-
AV	5.1942G	92.64	Inf	-Inf	5.47	3	H	175	1.11	-
PK	5.1492G	61.42	74.00	-12.58	5.31	3	H	175	1.11	-
PK	5.1942G	102.30	Inf	-Inf	5.47	3	H	175	1.11	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

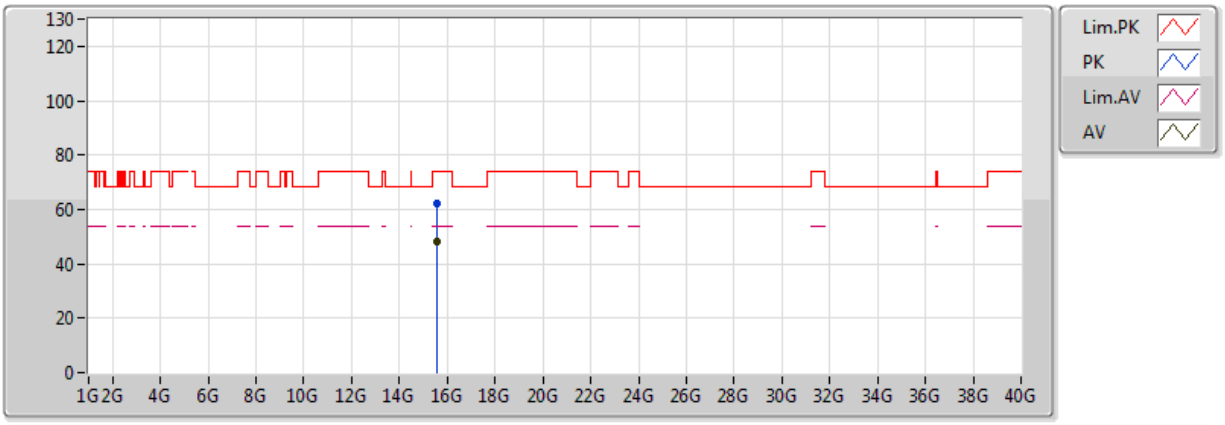


20170623
EUT Z_2TX
Setting 20.5
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.56838G	47.96	54.00	-6.04	17.82	3	V	107	1.60	-
PK	15.55968G	62.01	74.00	-11.99	17.81	3	V	107	1.60	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

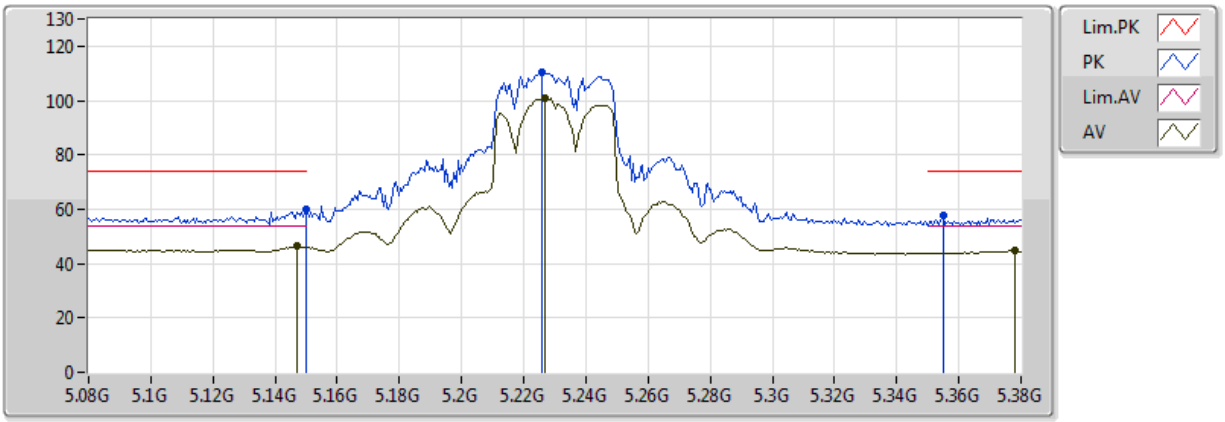


20170623
EUT Z_2TX
Setting 20.5
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.5631G	48.04	54.00	-5.96	17.82	3	H	358	1.87	-
PK	15.56028G	62.19	74.00	-11.81	17.81	3	H	358	1.87	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

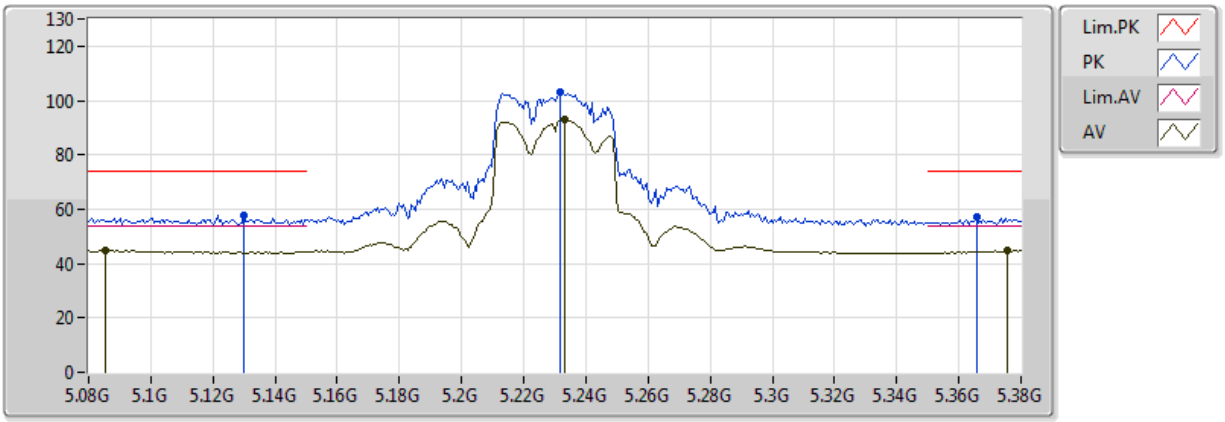


20170623
EUT Z_2TX
Setting 22
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1472G	46.52	54.00	-7.48	5.31	3	V	216	2.77	-
AV	5.227G	100.98	Inf	-Inf	5.52	3	V	216	2.77	-
AV	5.3782G	44.65	54.00	-9.35	5.68	3	V	216	2.77	-
PK	5.149995G	59.93	74.00	-14.07	5.31	3	V	216	2.77	-
PK	5.2258G	110.43	Inf	-Inf	5.52	3	V	216	2.77	-
PK	5.3548G	57.76	74.00	-16.24	5.65	3	V	216	2.77	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

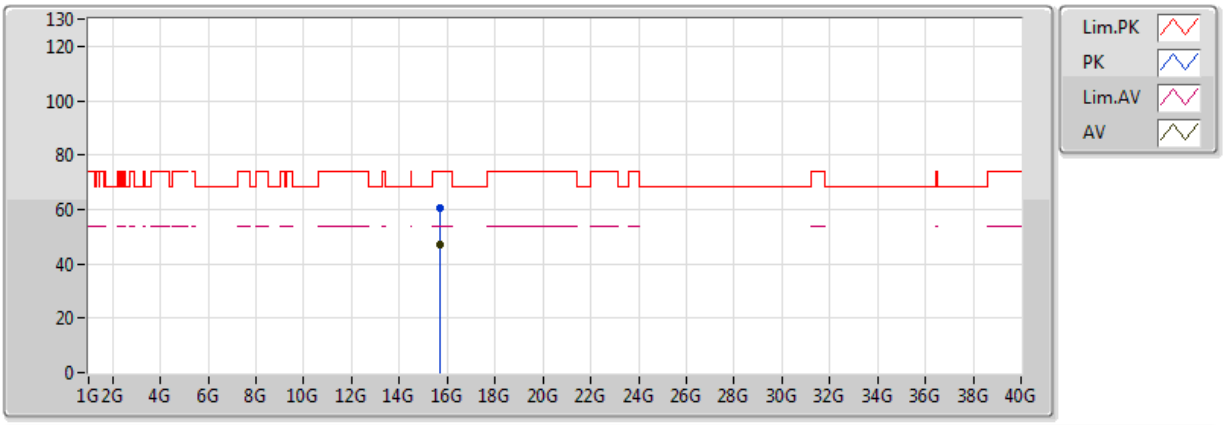


20170623
EUT Z_2TX
Setting 22
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.0854G	44.74	54.00	-9.26	5.08	3	H	172	1.00	-
AV	5.233G	92.91	Inf	-Inf	5.53	3	H	172	1.00	-
AV	5.3758G	44.83	54.00	-9.17	5.68	3	H	172	1.00	-
PK	5.1298G	57.62	74.00	-16.38	5.24	3	H	172	1.00	-
PK	5.2318G	103.08	Inf	-Inf	5.52	3	H	172	1.00	-
PK	5.3656G	56.92	74.00	-17.08	5.67	3	H	172	1.00	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

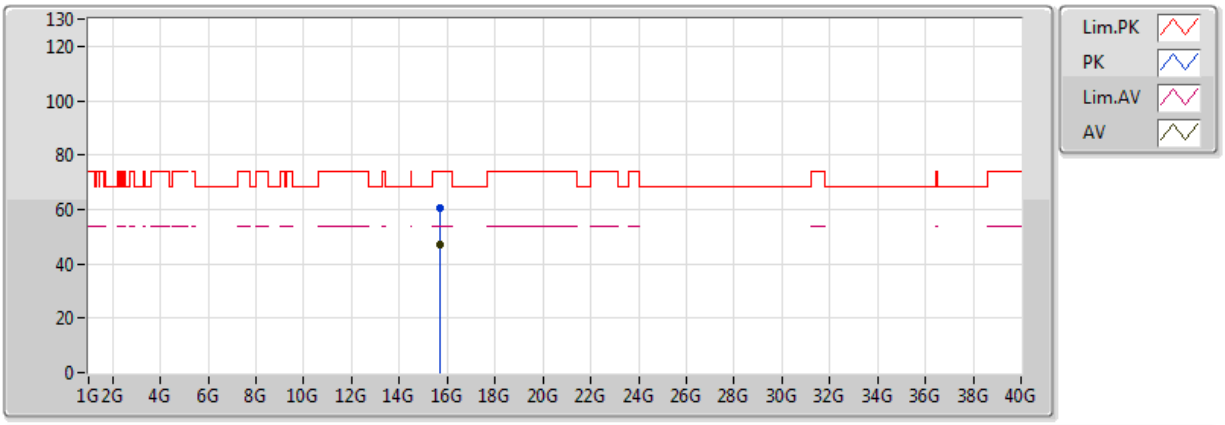


20170623
EUT Z_2TX
Setting 22
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.70398G	47.12	54.00	-6.88	17.93	3	V	167	1.28	-
PK	15.69228G	60.51	74.00	-13.49	17.92	3	V	167	1.28	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

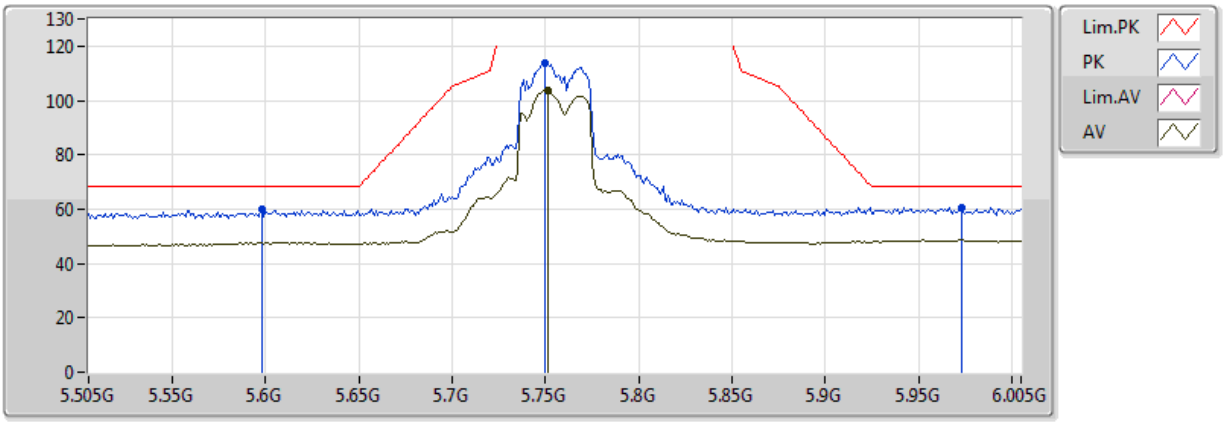


20170623
EUT Z_2TX
Setting 22
04-J-4
FSP(100304)

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	47.07	54.00	-6.93	17.91	3	H	188	2.25	-
PK	15.67674G	60.76	74.00	-13.24	17.91	3	H	188	2.25	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

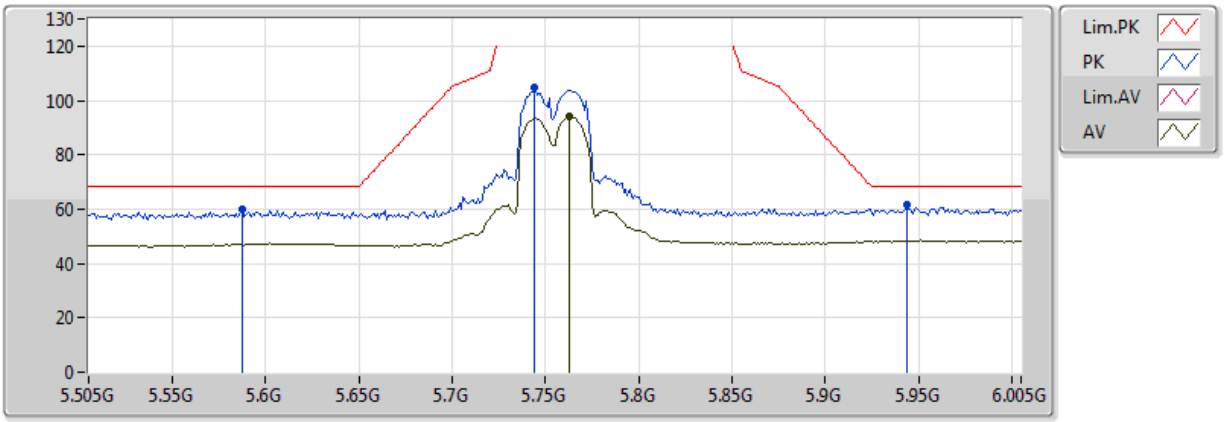


20170623
EUT Z_2TX
Setting 22
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.751G	103.72	Inf	-Inf	7.08	3	V	194	1.00	-
PK	5.598G	59.73	68.20	-8.47	6.77	3	V	194	1.00	-
PK	5.75G	113.47	Inf	-Inf	7.08	3	V	194	1.00	-
PK	5.973G	60.70	68.20	-7.50	8.30	3	V	194	1.00	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

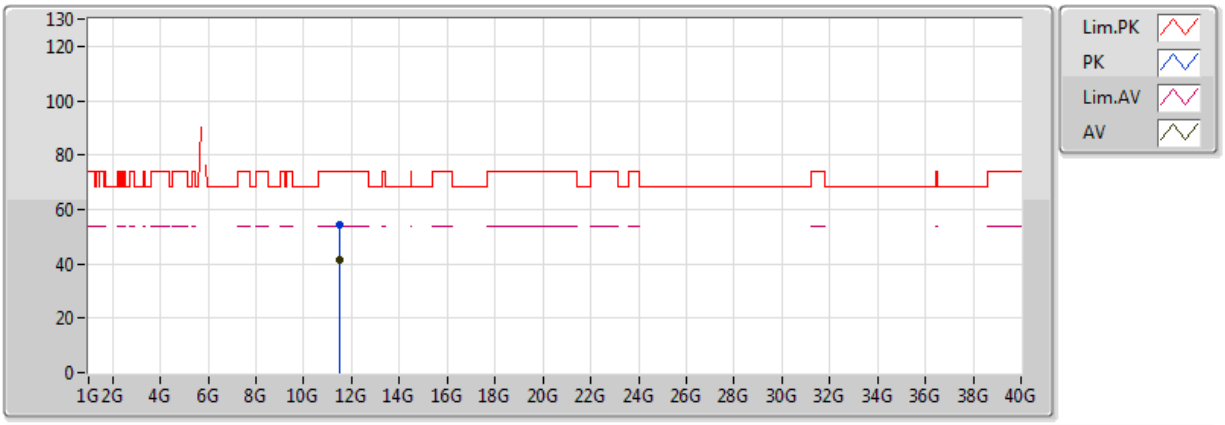


20170623
EUT Z_2TX
Setting 22
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.763G	94.34	Inf	-Inf	7.10	3	H	269	1.05	-
PK	5.587G	59.87	68.20	-8.33	6.70	3	H	269	1.05	-
PK	5.744G	104.91	Inf	-Inf	7.06	3	H	269	1.05	-
PK	5.944G	61.42	68.20	-6.78	8.12	3	H	269	1.05	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

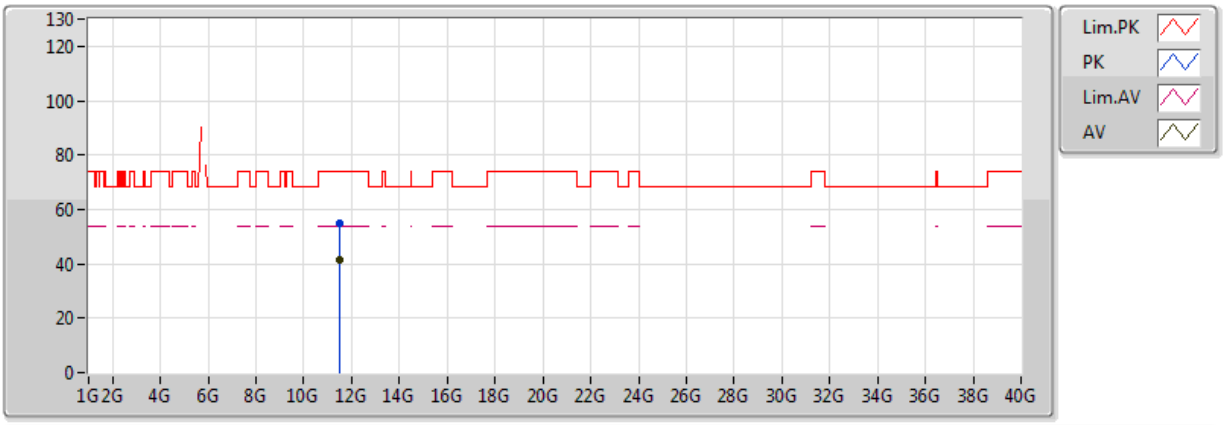


20170623
EUT Z_2TX
Setting 22
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49902G	41.58	54.00	-12.42	16.13	3	V	322	1.47	-
PK	11.4986G	54.41	74.00	-19.59	16.13	3	V	322	1.47	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

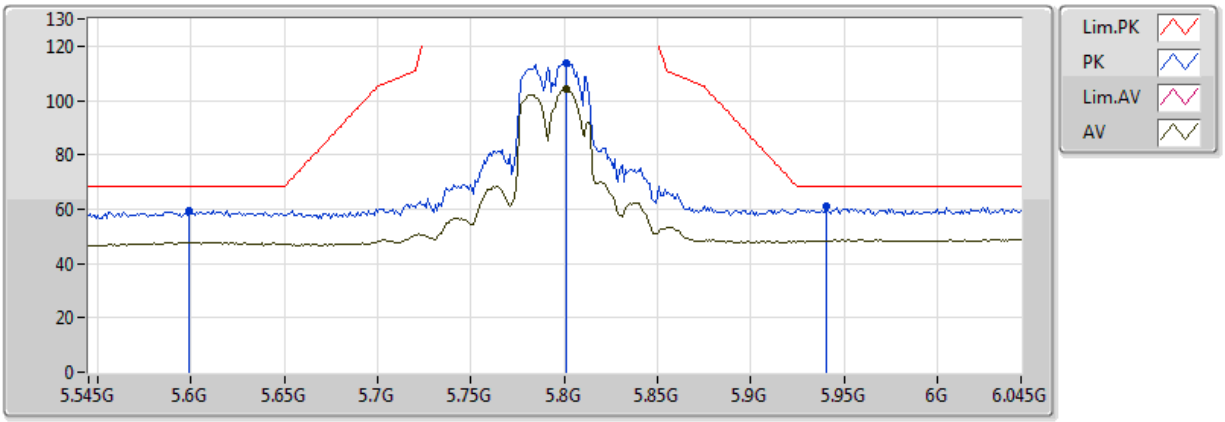


20170623
EUT Z_2TX
Setting 22
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.52008G	41.35	54.00	-12.65	16.14	3	H	2	2.03	-
PK	11.5106G	54.67	74.00	-19.33	16.14	3	H	2	2.03	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

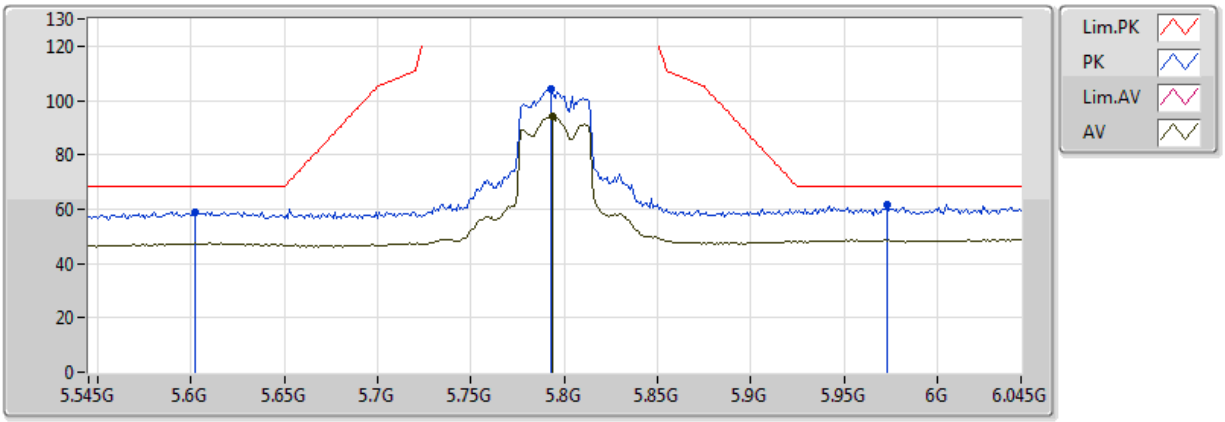


20170623
EUT Z_2TX
Setting 22
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.801G	103.97	Inf	-Inf	7.19	3	V	60	1.07	-
PK	5.599G	59.34	68.20	-8.86	6.77	3	V	60	1.07	-
PK	5.801G	113.56	Inf	-Inf	7.19	3	V	60	1.07	-
PK	5.941G	60.92	68.20	-7.28	8.10	3	V	60	1.07	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

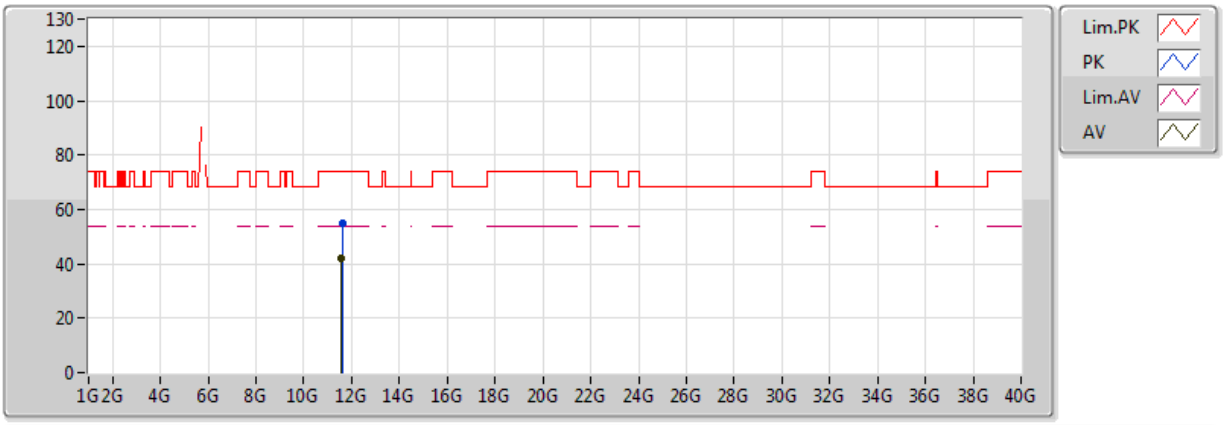


20170623
EUT Z_2TX
Setting 22
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.794G	94.29	Inf	-Inf	7.17	3	H	270	1.75	-
PK	5.602G	59.04	68.20	-9.16	6.78	3	H	270	1.75	-
PK	5.793G	104.05	Inf	-Inf	7.17	3	H	270	1.75	-
PK	5.973G	61.36	68.20	-6.84	8.30	3	H	270	1.75	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

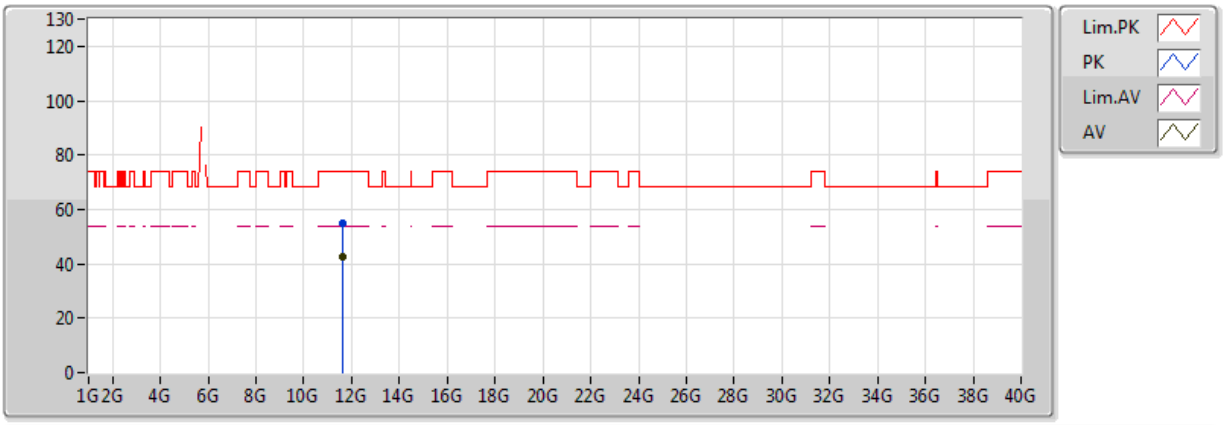


20170623
EUT Z_2TX
Setting 22
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.59288G	42.22	54.00	-11.78	16.19	3	V	310	1.22	-
PK	11.6023G	55.16	74.00	-18.84	16.20	3	V	310	1.22	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

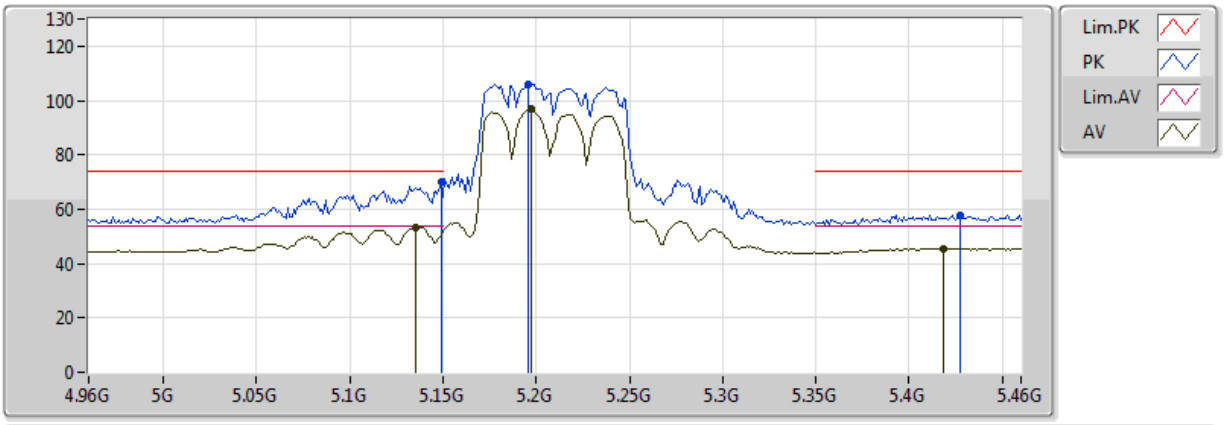


20170623
EUT Z_2TX
Setting 22
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.60266G	42.43	54.00	-11.57	16.20	3	H	105	1.16	-
PK	11.59774G	55.13	74.00	-18.87	16.19	3	H	105	1.16	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

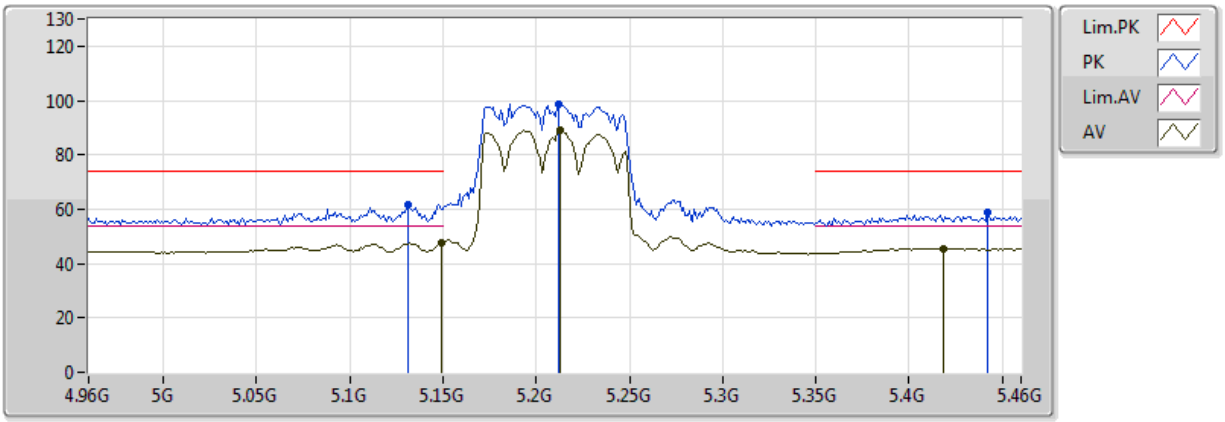


20170623
EUT Z_2TX
Setting 21
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.135G	53.51	54.00	-0.49	5.26	3	V	182	2.67	-
AV	5.197G	96.69	Inf	-Inf	5.48	3	V	182	2.67	-
AV	5.418G	45.53	54.00	-8.47	5.78	3	V	182	2.67	-
PK	5.149G	70.11	74.00	-3.89	5.31	3	V	182	2.67	-
PK	5.196G	106.09	Inf	-Inf	5.48	3	V	182	2.67	-
PK	5.427G	57.95	74.00	-16.05	5.82	3	V	182	2.67	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

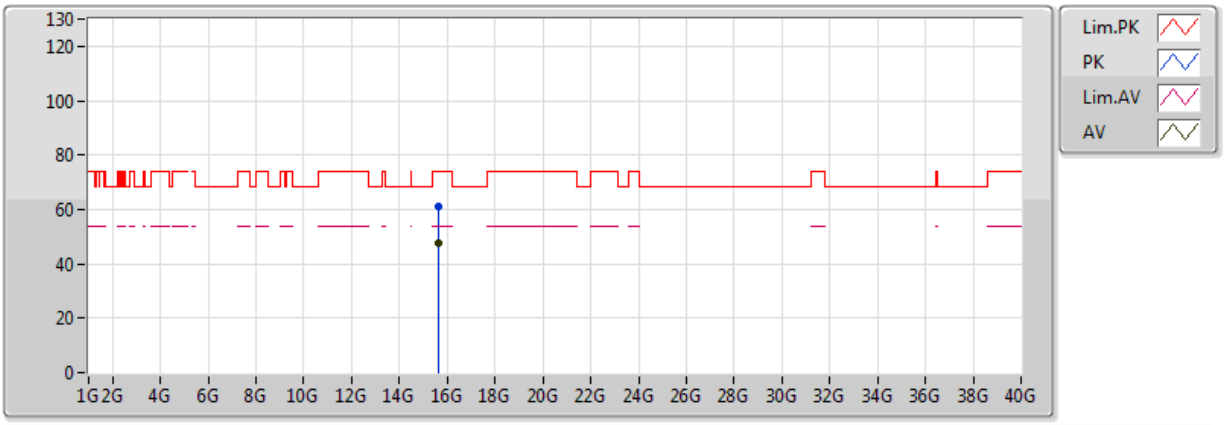


20170623
EUT Z_2TX
Setting 21
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149G	47.82	54.00	-6.18	5.31	3	H	170	1.00	-
AV	5.213G	88.91	Inf	-Inf	5.50	3	H	170	1.00	-
AV	5.418G	45.61	54.00	-8.39	5.78	3	H	170	1.00	-
PK	5.131G	61.90	74.00	-12.10	5.25	3	H	170	1.00	-
PK	5.212G	98.69	Inf	-Inf	5.50	3	H	170	1.00	-
PK	5.442G	58.86	74.00	-15.14	5.89	3	H	170	1.00	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

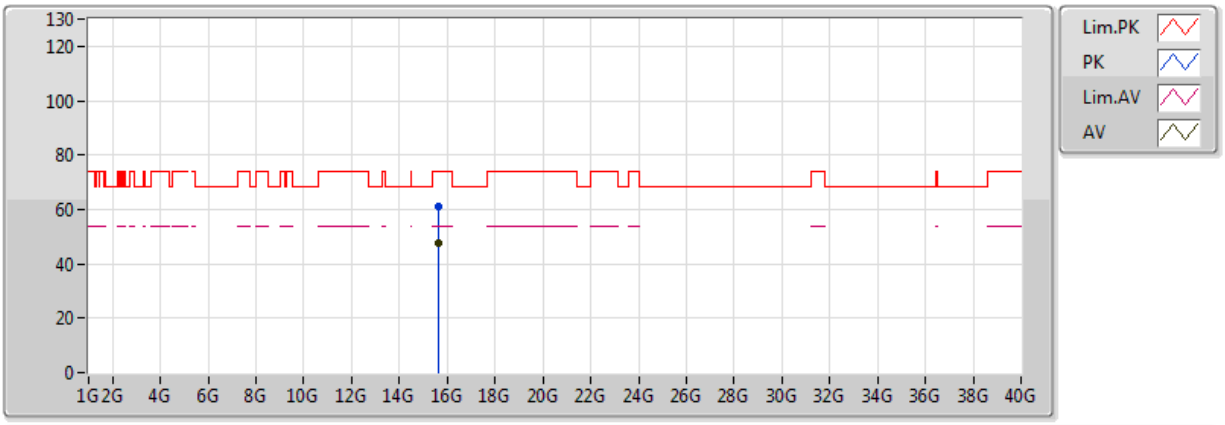


20170623
EUT Z_2TX
Setting 21
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.62538G	47.71	54.00	-6.29	17.87	3	V	200	1.69	-
PK	15.62322G	61.01	74.00	-12.99	17.86	3	V	200	1.69	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

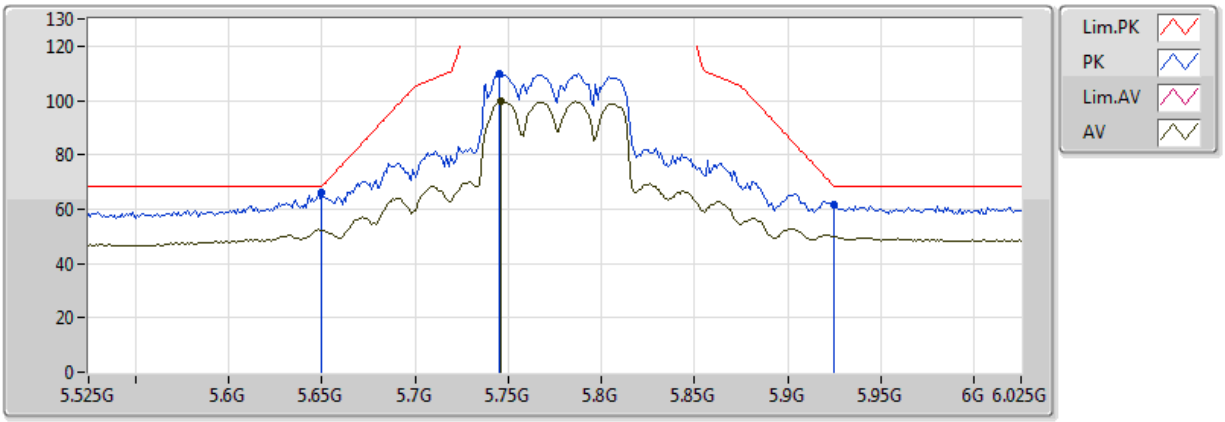


20170623
EUT Z_2TX
Setting 21
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.63342G	47.79	54.00	-6.21	17.87	3	H	139	1.22	-
PK	15.61632G	60.85	74.00	-13.15	17.86	3	H	139	1.22	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

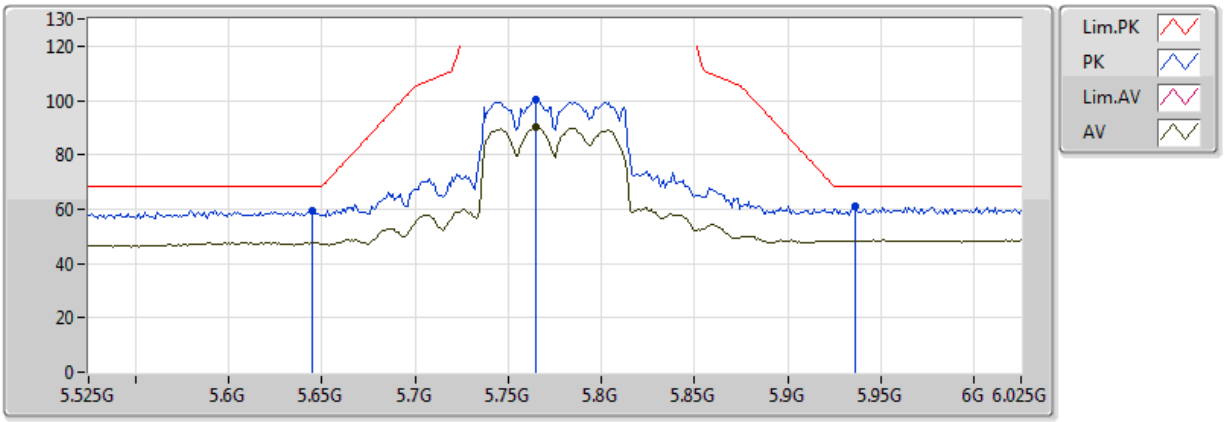


20170623
EUT Z_2TX
Setting 22
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.746G	99.58	Inf	-Inf	7.07	3	V	186	2.44	-
PK	5.65G	66.10	68.20	-2.10	6.87	3	V	186	2.44	-
PK	5.745G	109.85	Inf	-Inf	7.06	3	V	186	2.44	-
PK	5.925G	61.62	68.20	-6.58	7.99	3	V	186	2.44	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

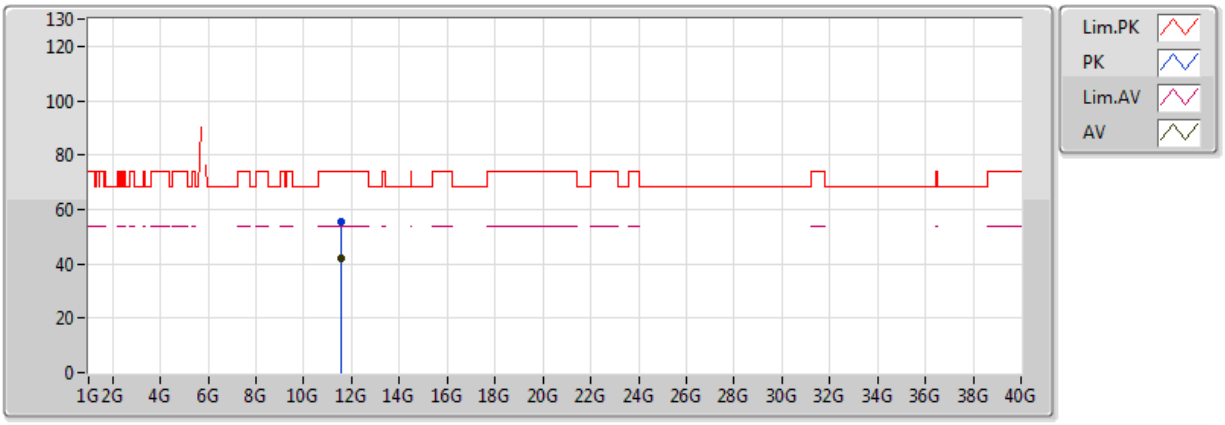


20170623
EUT Z_2TX
Setting 22
04-J-4-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.765G	90.37	Inf	-Inf	7.11	3	H	270	1.49	-
PK	5.645G	59.58	68.20	-8.62	6.87	3	H	270	1.49	-
PK	5.765G	100.14	Inf	-Inf	7.11	3	H	270	1.49	-
PK	5.936G	61.34	68.20	-6.86	8.06	3	H	270	1.49	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

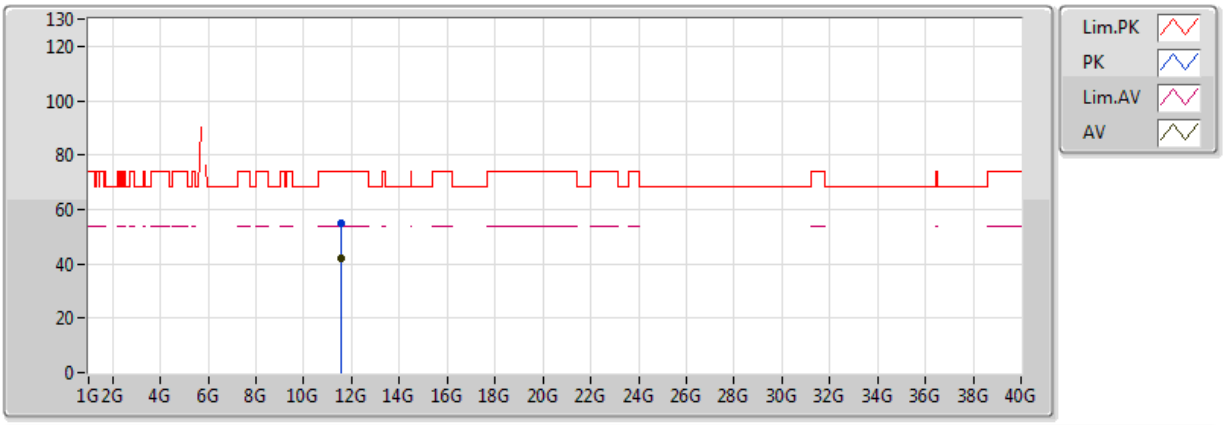


20170623
EUT Z_2TX
Setting 22
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.53608G	42.20	54.00	-11.80	16.15	3	V	21	2.40	-
PK	11.55552G	55.43	74.00	-18.57	16.17	3	V	21	2.40	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

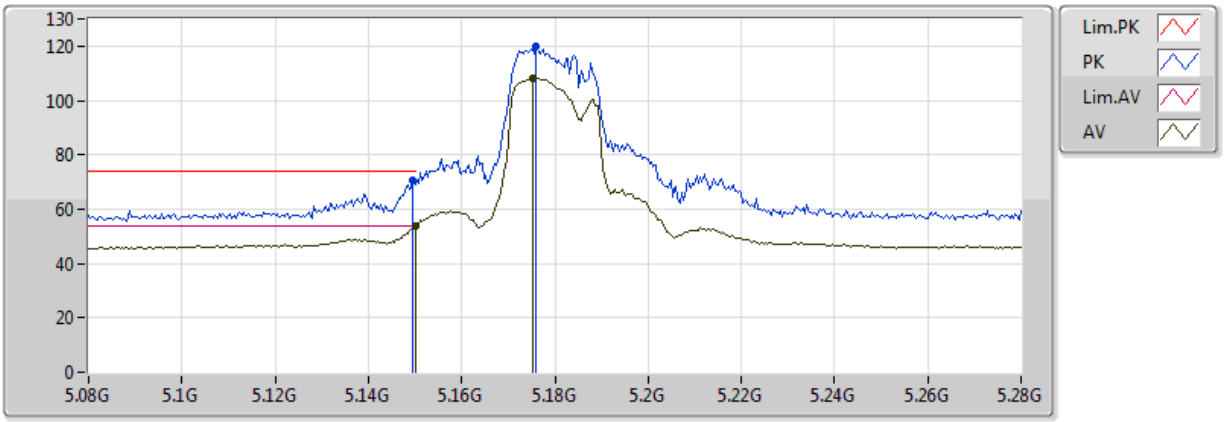


20170623
EUT Z_2TX
Setting 22
04-J-4
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.56014G	42.05	54.00	-11.95	16.17	3	H	50	1.83	-
PK	11.5431G	55.01	74.00	-18.99	16.16	3	H	50	1.83	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

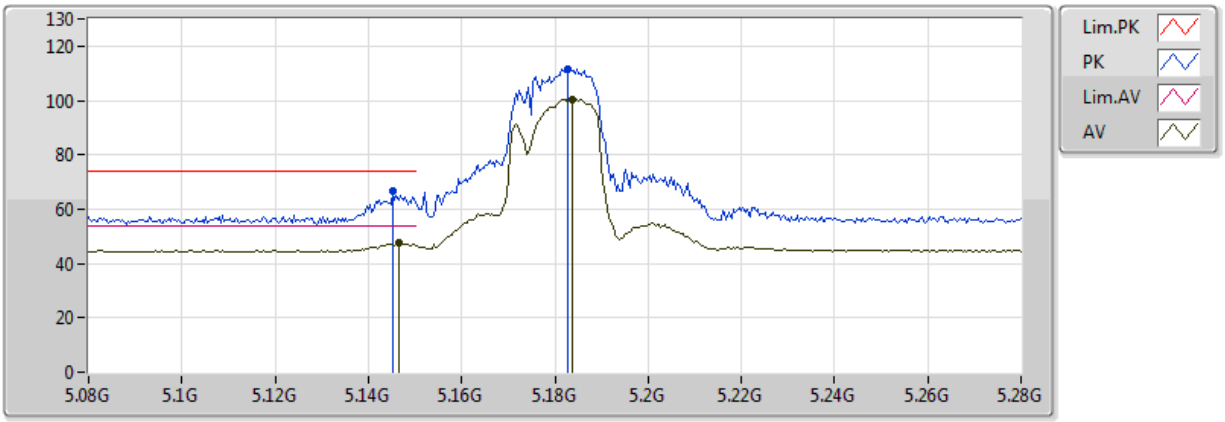


20170710
EUT Z_2TX
Setting 22
01-W-3-10
FSP(100056)

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	4.27	3	V	256	1.01	-
AV	5.1752G	108.05	Inf	-Inf	4.33	3	V	256	1.01	-
PK	5.1496G	70.44	74.00	-3.56	4.27	3	V	256	1.01	-
PK	5.176G	119.81	Inf	-Inf	4.33	3	V	256	1.01	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

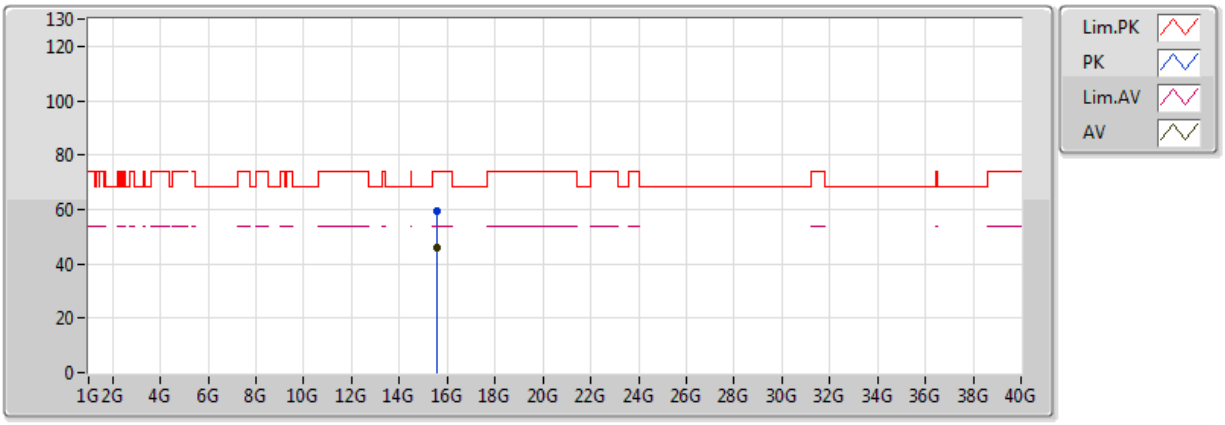


20170710
EUT Z_2TX
Setting 22
01-W-3-10
FSP(100056)

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	47.59	54.00	-6.41	4.26	3	H	338	1.01	-
AV	5.1836G	100.44	Inf	-Inf	4.34	3	H	338	1.01	-
PK	5.1452G	66.67	74.00	-7.33	4.26	3	H	338	1.01	-
PK	5.1828G	111.78	Inf	-Inf	4.34	3	H	338	1.01	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

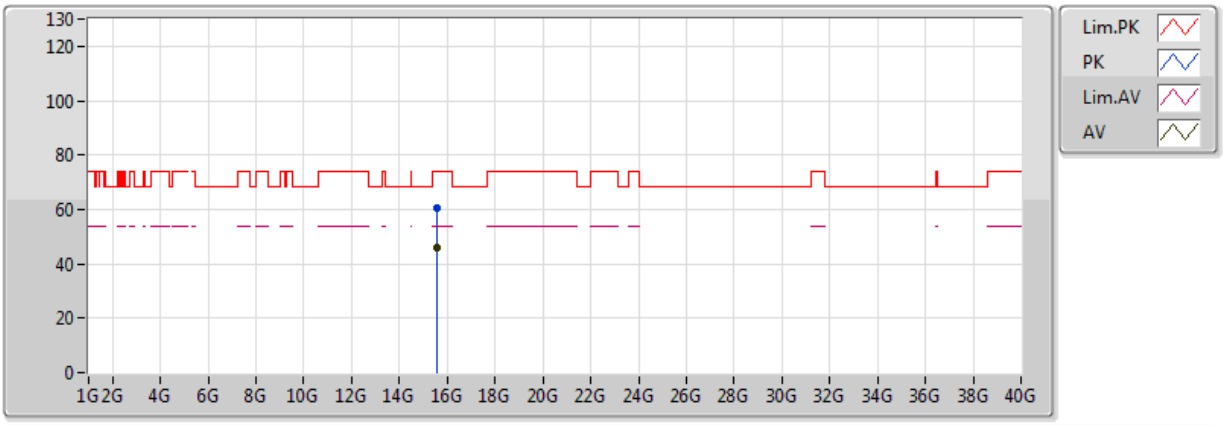


20170710
EUT Z_2TX
Setting 22
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.539696G	46.10	54.00	-7.90	13.80	3	V	285	2.34	-
PK	15.539568G	59.31	74.00	-14.69	13.80	3	V	285	2.34	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

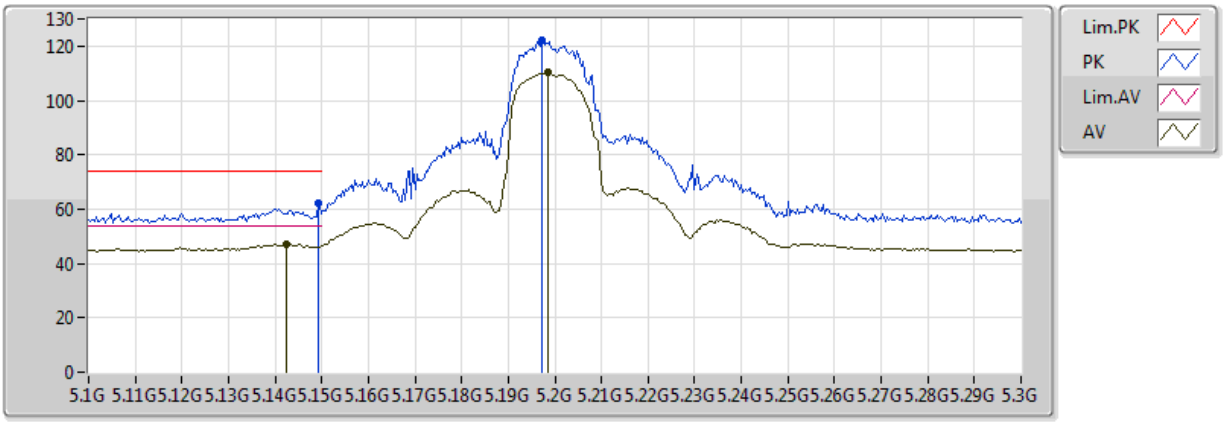


20170710
EUT Z_2TX
Setting 22
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.53912G	45.85	54.00	-8.15	13.80	3	H	136	1.76	-
PK	15.539916G	60.44	74.00	-13.56	13.80	3	H	136	1.76	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

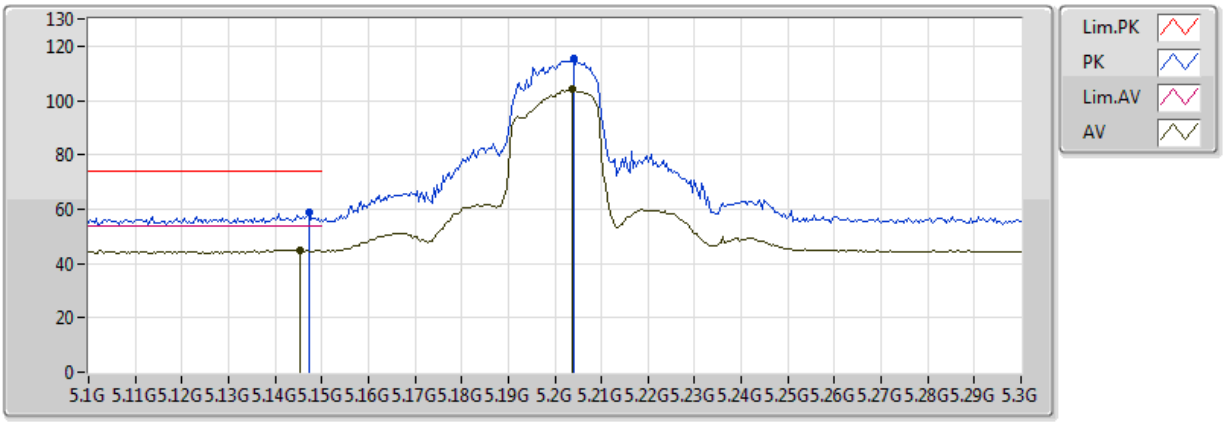


20170626
EUT Z_2TX
Setting 25
01-W-3-10
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1424G	47.00	54.00	-7.00	4.25	3	V	77	2.76	-
AV	5.1984G	110.19	Inf	-Inf	4.38	3	V	77	2.76	-
PK	5.1492G	62.34	74.00	-11.66	4.27	3	V	77	2.76	-
PK	5.1972G	122.30	Inf	-Inf	4.37	3	V	77	2.76	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

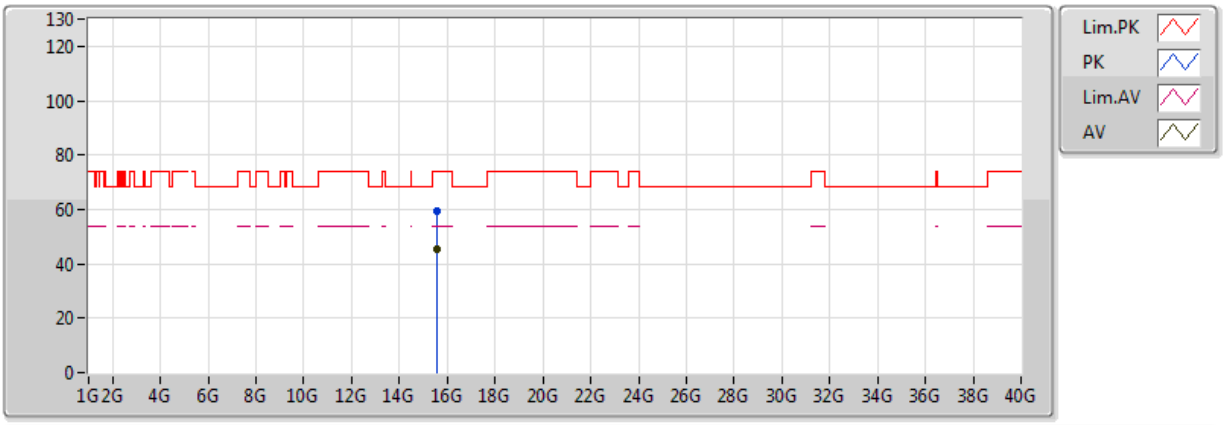


20170626
EUT Z_2TX
Setting 25
01-W-3-10
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1452G	44.90	54.00	-9.10	4.26	3	H	38	1.09	-
AV	5.2036G	103.97	Inf	-Inf	4.39	3	H	38	1.09	-
PK	5.1472G	58.71	74.00	-15.29	4.26	3	H	38	1.09	-
PK	5.204G	115.55	Inf	-Inf	4.39	3	H	38	1.09	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

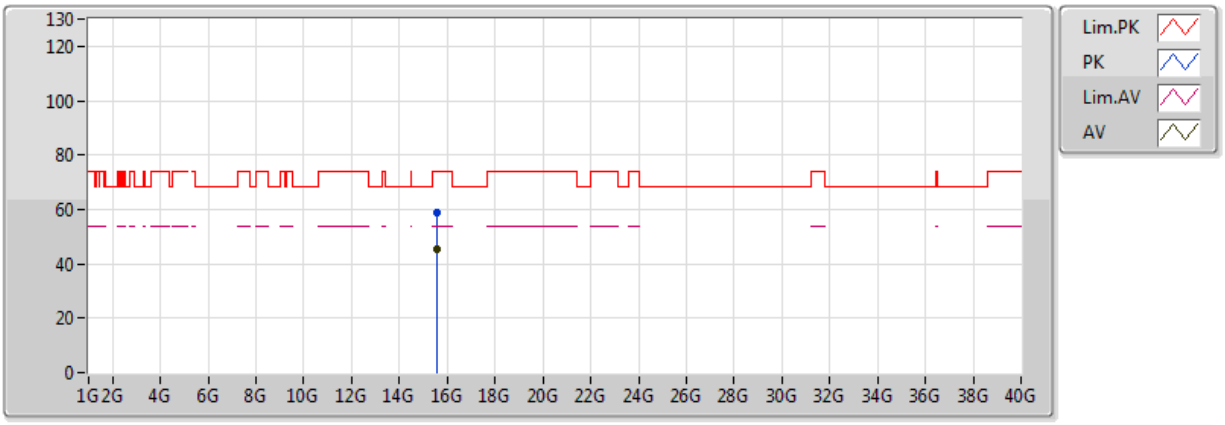


20170626
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.599416G	45.41	54.00	-8.59	13.73	3	V	331	1.06	-
PK	15.600292G	59.16	74.00	-14.84	13.73	3	V	331	1.06	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

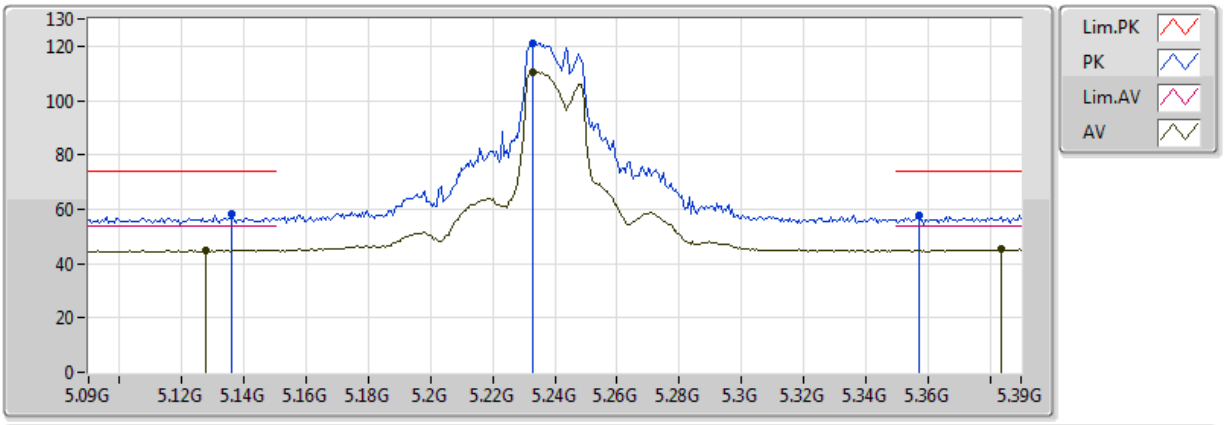


20170626
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.599096G	45.45	54.00	-8.55	13.73	3	H	231	1.08	-
PK	15.599908G	58.70	74.00	-15.30	13.73	3	H	231	1.08	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

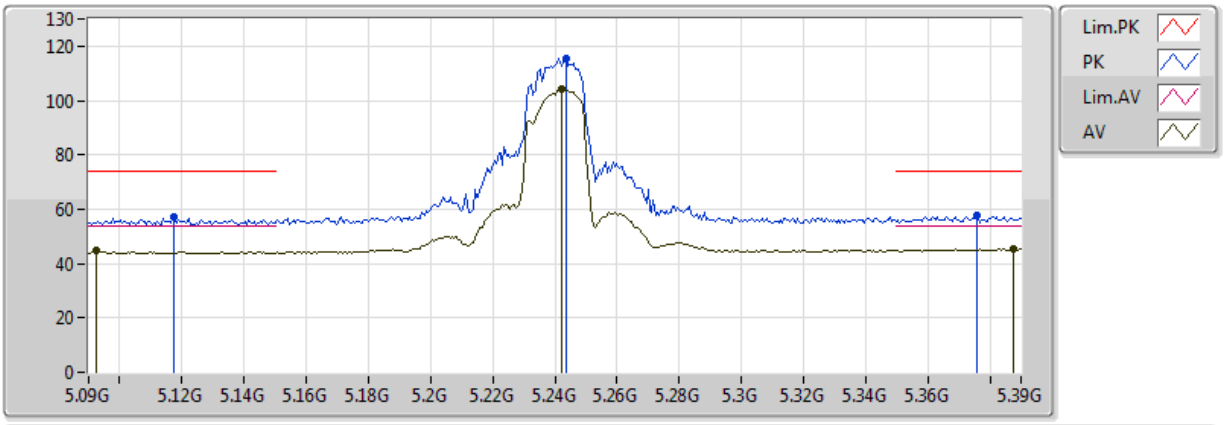


20170626
EUT Z_2TX
Setting 25
01-W-3-10
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1278G	45.05	54.00	-8.95	4.22	3	V	222	2.06	-
AV	5.2328G	110.39	Inf	-Inf	4.45	3	V	222	2.06	-
AV	5.3834G	45.39	54.00	-8.61	4.74	3	V	222	2.06	-
PK	5.1362G	58.49	74.00	-15.51	4.24	3	V	222	2.06	-
PK	5.2328G	121.17	Inf	-Inf	4.45	3	V	222	2.06	-
PK	5.357G	57.78	74.00	-16.22	4.69	3	V	222	2.06	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

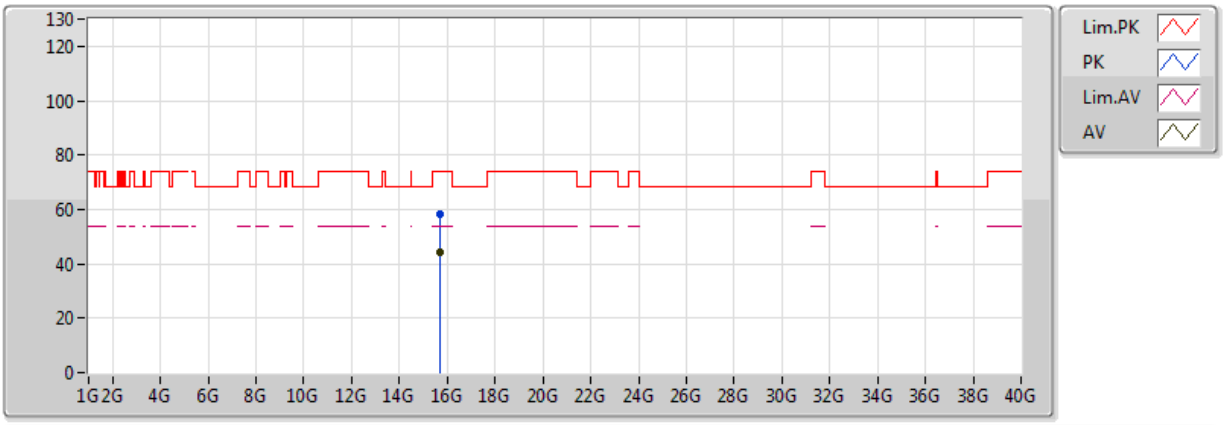


20170626
EUT Z_2TX
Setting 25
01-W-3-10
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.0924G	44.61	54.00	-9.39	4.14	3	H	35	1.05	-
AV	5.2424G	103.98	Inf	-Inf	4.47	3	H	35	1.05	-
AV	5.3876G	45.50	54.00	-8.50	4.75	3	H	35	1.05	-
PK	5.1176G	57.00	74.00	-17.00	4.20	3	H	35	1.05	-
PK	5.2436G	115.51	Inf	-Inf	4.47	3	H	35	1.05	-
PK	5.3756G	57.83	74.00	-16.17	4.73	3	H	35	1.05	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

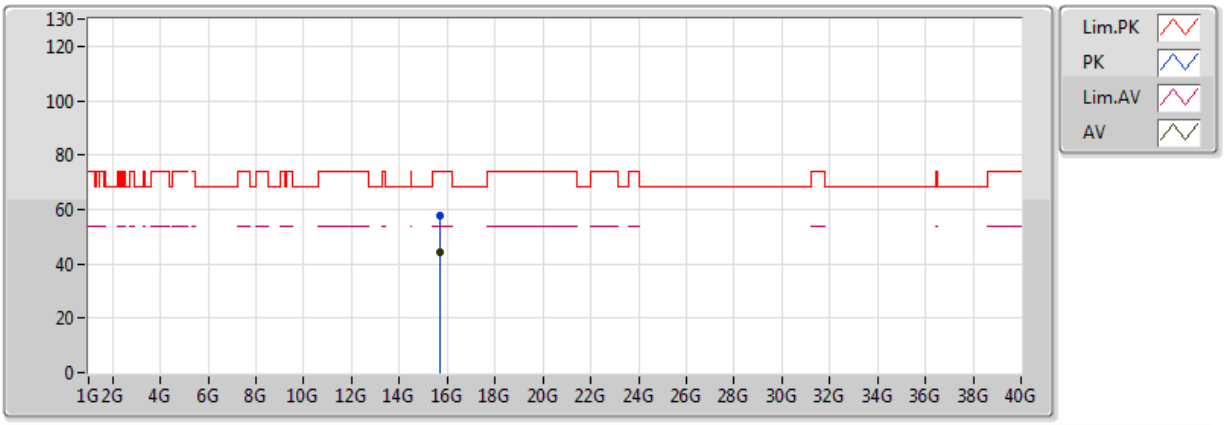


20170626
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.718836G	44.16	54.00	-9.84	13.58	3	V	175	1.46	-
PK	15.71946G	58.39	74.00	-15.61	13.58	3	V	175	1.46	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

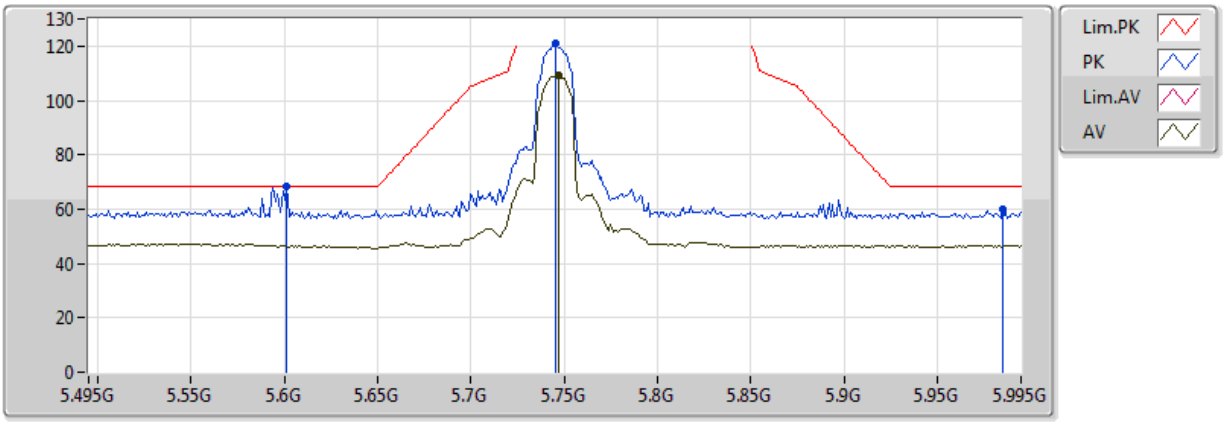


20170626
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.719658G	44.02	54.00	-9.98	13.58	3	H	244	1.15	-
PK	15.720048G	57.90	74.00	-16.10	13.58	3	H	244	1.15	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

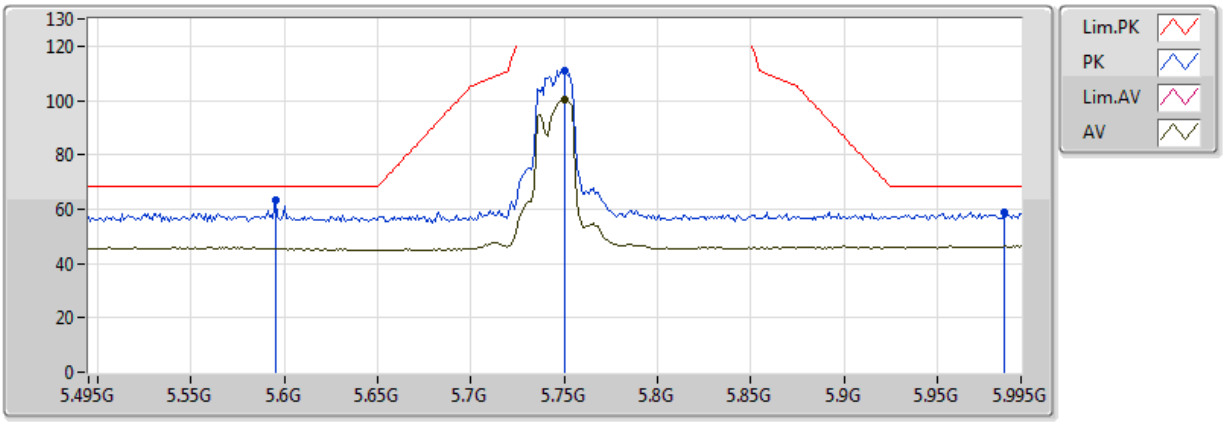


20170626
EUT Z_2TX
Setting 25
01-W-3-10
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.747G	109.45	Inf	-Inf	5.81	3	V	120	1.23	-
PK	5.601G	68.18	68.20	-0.02	5.38	3	V	120	1.23	-
PK	5.745G	120.78	Inf	-Inf	5.81	3	V	120	1.23	-
PK	5.985G	59.74	68.20	-8.46	6.66	3	V	120	1.23	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

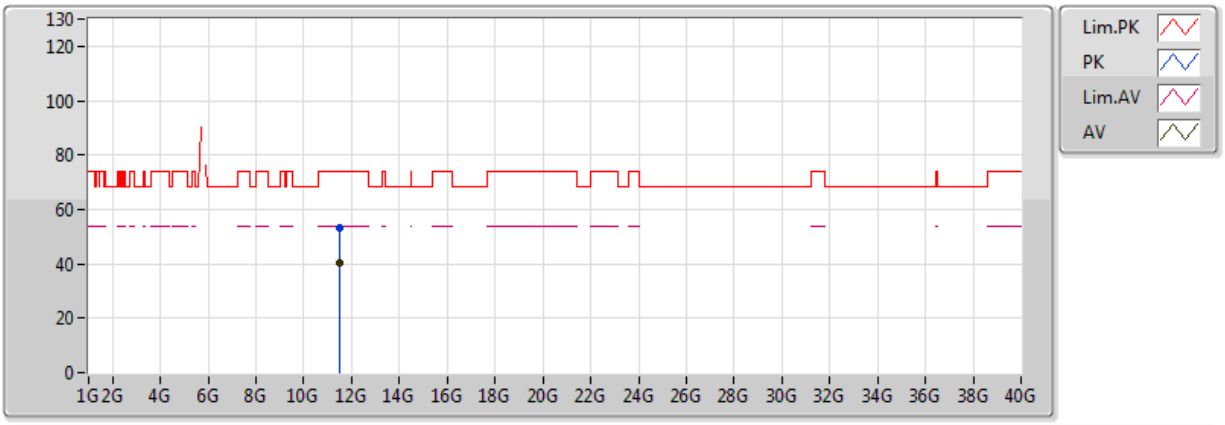


20170626
EUT Z_2TX
Setting 25
01-W-3-10
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.75G	100.27	Inf	-Inf	5.82	3	H	59	1.02	-
PK	5.595G	63.05	68.20	-5.15	5.36	3	H	59	1.02	-
PK	5.75G	111.01	Inf	-Inf	5.82	3	H	59	1.02	-
PK	5.986G	58.84	68.20	-9.36	6.67	3	H	59	1.02	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

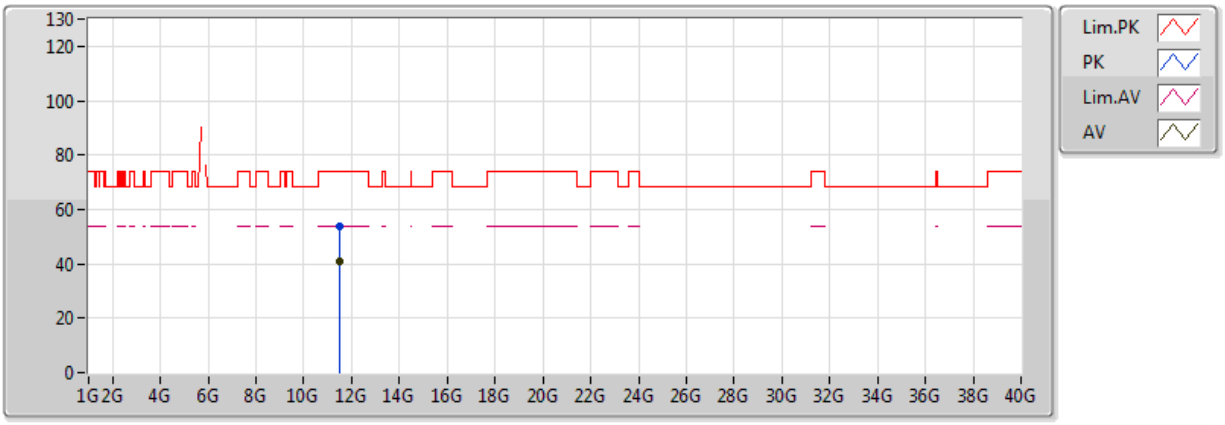


20170626
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49037G	40.43	54.00	-13.57	12.04	3	V	131	2.14	-
PK	11.49196G	53.42	74.00	-20.58	12.04	3	V	131	2.14	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

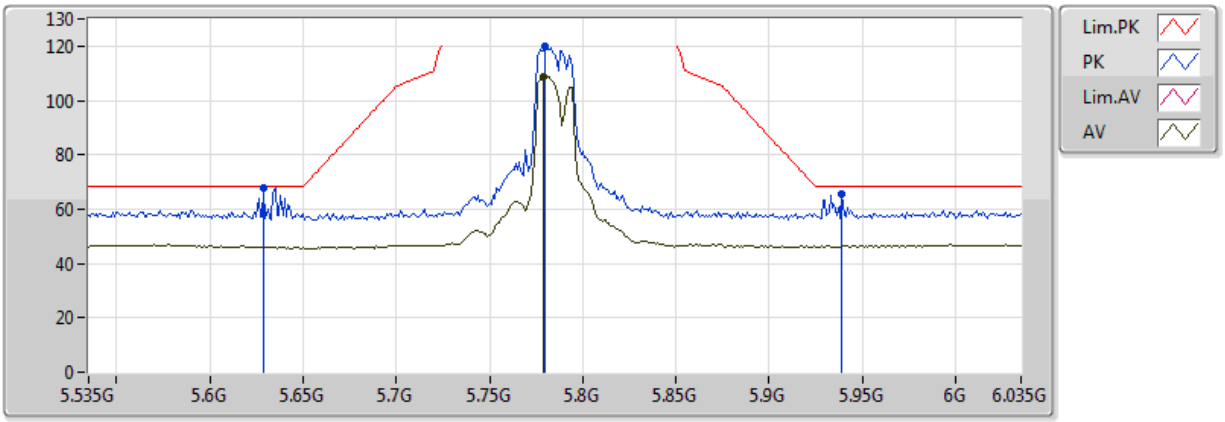


20170626
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49162G	40.99	54.00	-13.01	12.04	3	H	103	2.25	-
PK	11.49075G	53.91	74.00	-20.09	12.04	3	H	103	2.25	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

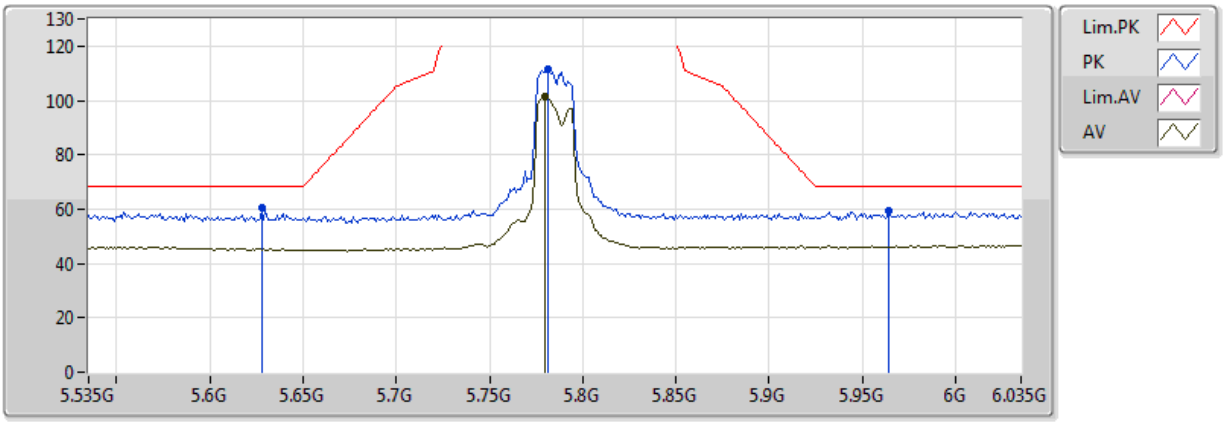


20170626
EUT Z_2TX
Setting 25
01-W-3-10
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.779G	108.91	Inf	-Inf	5.90	3	V	259	1.16	-
PK	5.629G	68.07	68.20	-0.13	5.47	3	V	259	1.16	-
PK	5.78G	119.70	Inf	-Inf	5.90	3	V	259	1.16	-
PK	5.939G	65.50	68.20	-2.70	6.49	3	V	259	1.16	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

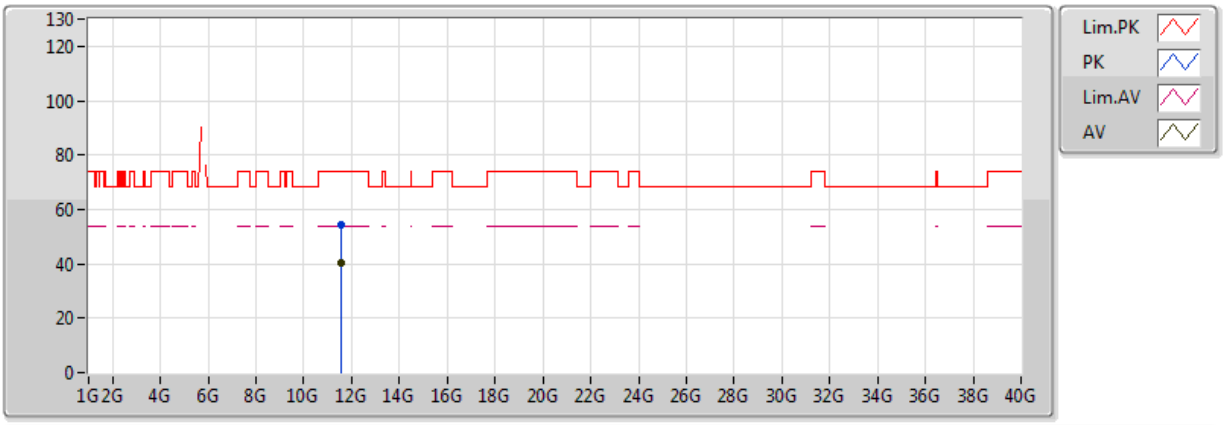


20170626
EUT Z_2TX
Setting 25
01-W-3-10
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.78G	101.15	Inf	-Inf	5.90	3	H	59	1.09	-
PK	5.628G	60.43	68.20	-7.77	5.46	3	H	59	1.09	-
PK	5.781G	111.27	Inf	-Inf	5.91	3	H	59	1.09	-
PK	5.964G	59.19	68.20	-9.01	6.58	3	H	59	1.09	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

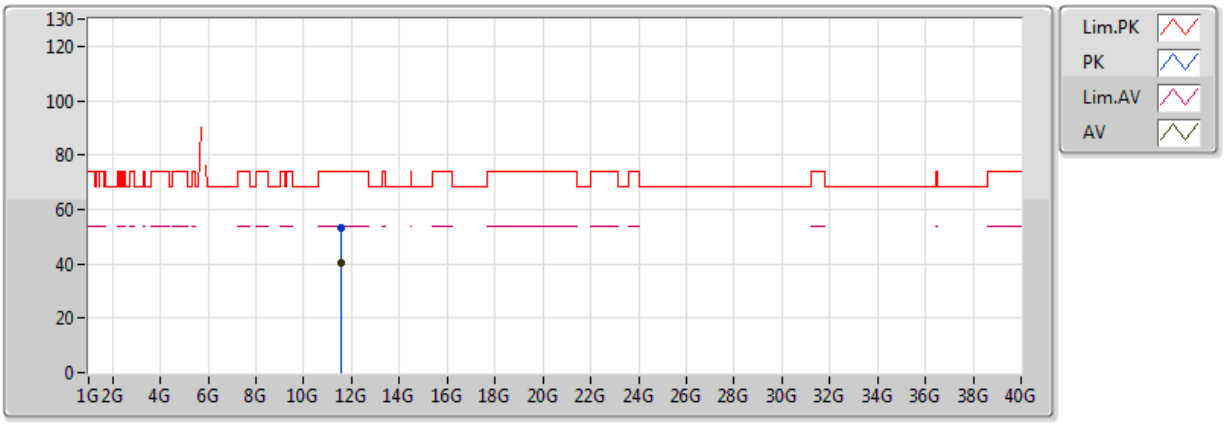


20170626
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57043G	40.29	54.00	-13.71	12.08	3	V	153	1.02	-
PK	11.56772G	54.41	74.00	-19.59	12.08	3	V	153	1.02	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

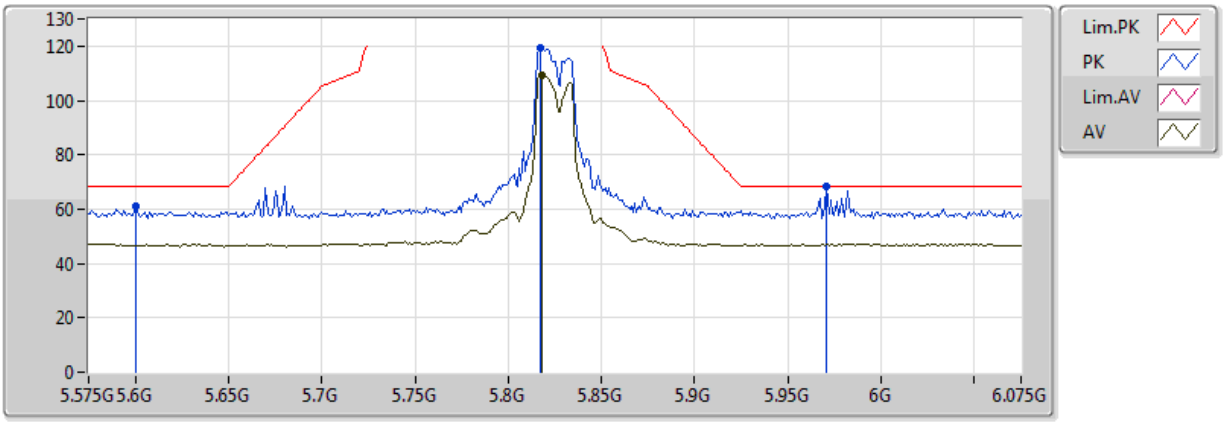


20170626
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57246G	40.44	54.00	-13.56	12.08	3	H	280	2.36	-
PK	11.5679G	53.51	74.00	-20.49	12.08	3	H	280	2.36	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

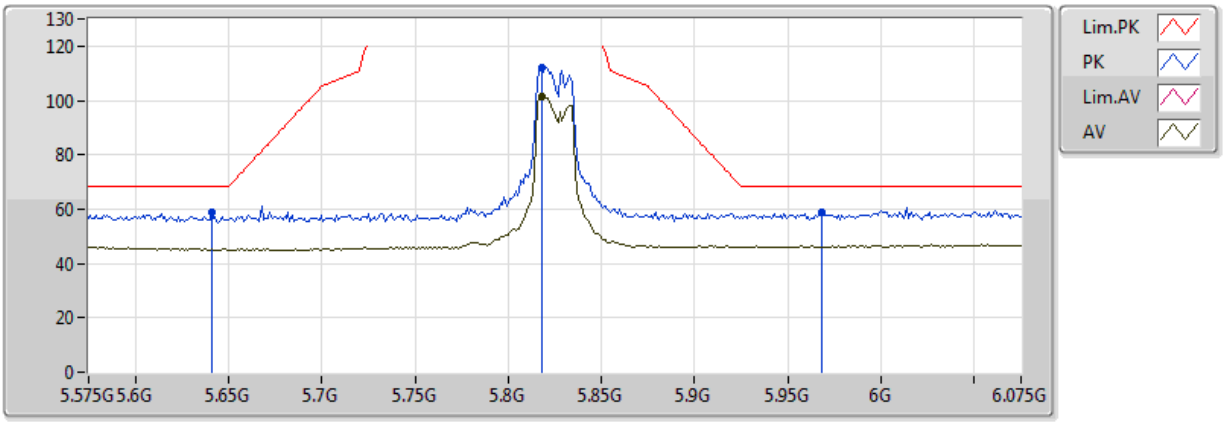


20170626
EUT Z_2TX
Setting 25
01-W-3-10
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.818G	109.42	Inf	-Inf	6.03	3	V	260	1.10	-
PK	5.6G	61.32	68.20	-6.88	5.38	3	V	360	1.50	-
PK	5.817G	119.37	Inf	-Inf	6.02	3	V	260	1.10	-
PK	5.971G	68.13	68.20	-0.07	6.61	3	V	260	1.10	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

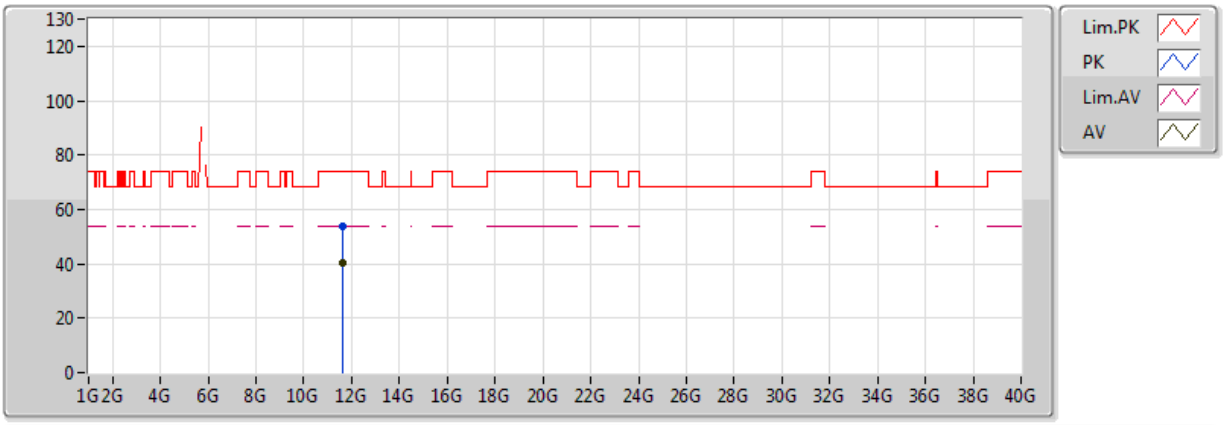


20170626
EUT Z_2TX
Setting 25
01-W-3-10
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.818G	101.23	Inf	-Inf	6.03	3	H	57	1.01	-
PK	5.641G	58.77	68.20	-9.43	5.50	3	H	57	1.01	-
PK	5.818G	112.23	Inf	-Inf	6.03	3	H	57	1.01	-
PK	5.968G	58.61	68.20	-9.59	6.60	3	H	57	1.01	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

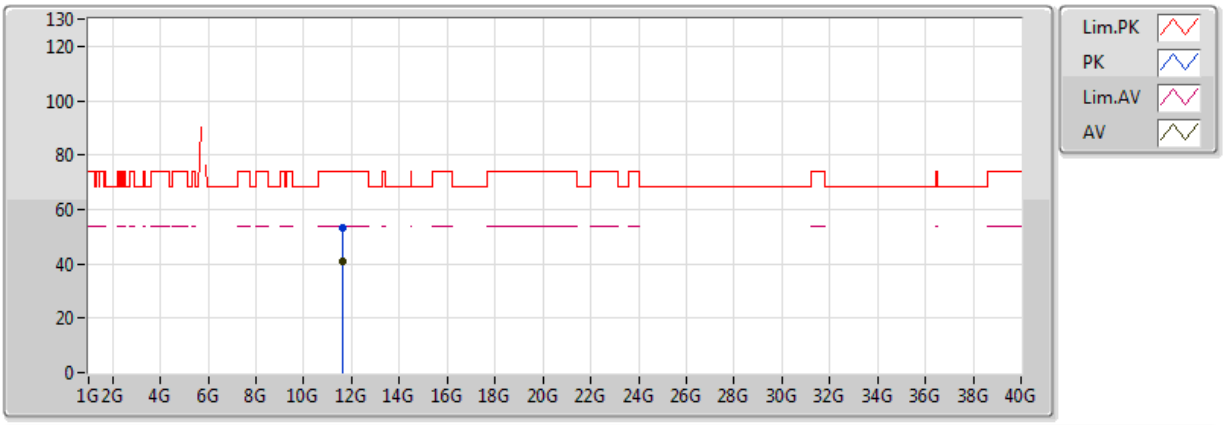


20170626
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.64809G	40.35	54.00	-13.65	12.12	3	V	61	1.07	-
PK	11.64949G	53.63	74.00	-20.37	12.12	3	V	61	1.07	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

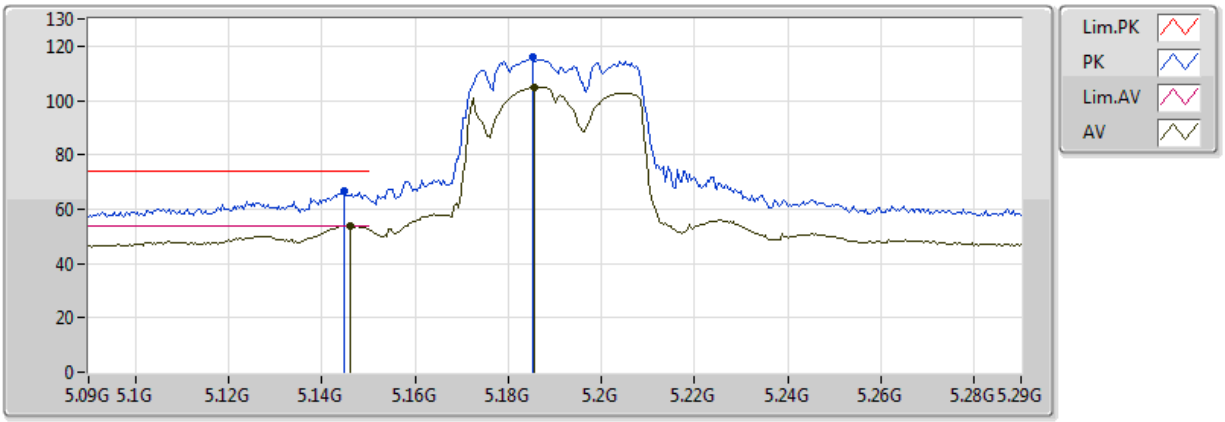


20170626
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65221G	40.64	54.00	-13.36	12.12	3	H	149	1.09	-
PK	11.64873G	53.41	74.00	-20.59	12.12	3	H	149	1.09	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

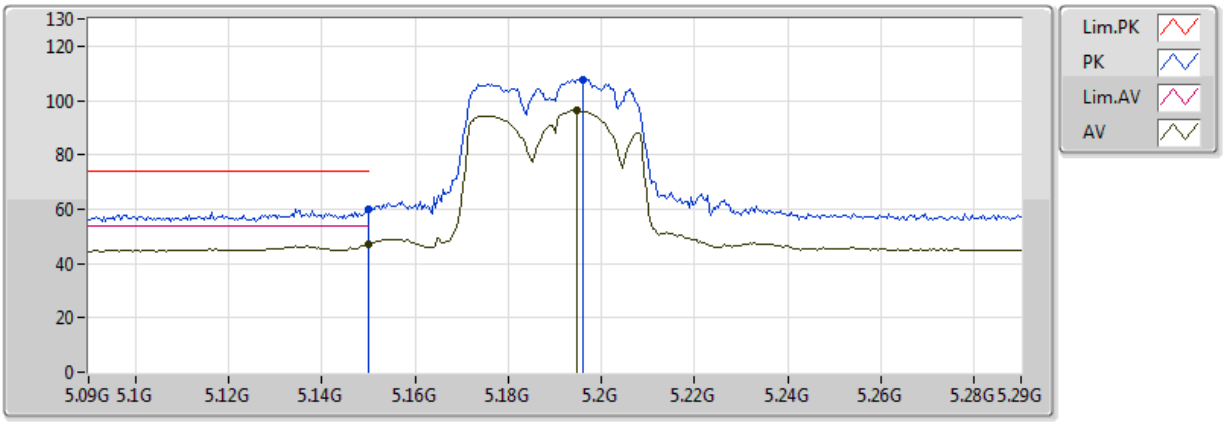


20170710
EUT Z_2TX
Setting 21
01-W-3-10
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.146G	53.95	54.00	-0.05	4.26	3	V	255	1.06	-
AV	5.1856G	105.00	Inf	-Inf	4.35	3	V	255	1.06	-
PK	5.1448G	66.60	74.00	-7.40	4.26	3	V	255	1.06	-
PK	5.1852G	115.75	Inf	-Inf	4.35	3	V	255	1.06	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

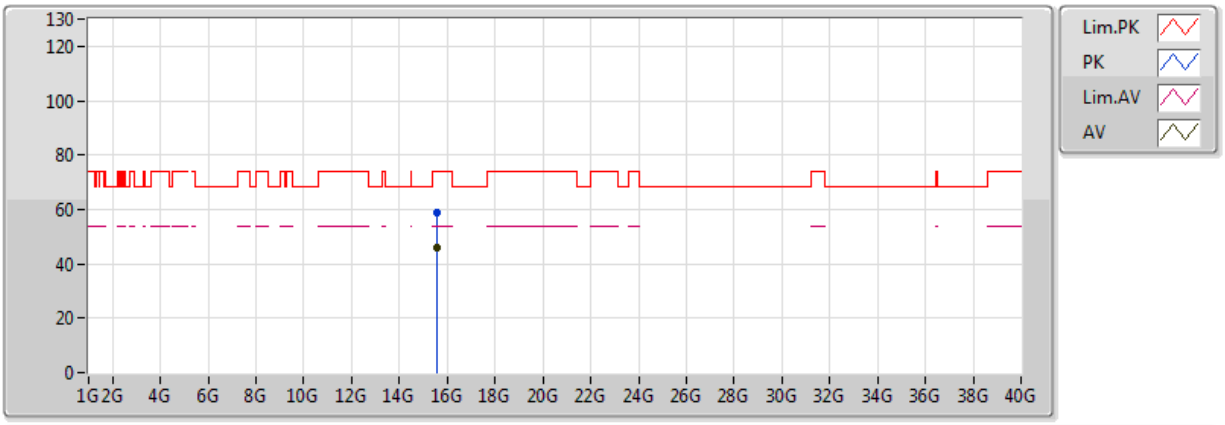


20170710
EUT Z_2TX
Setting 21
01-W-3-10
FSP(100056)

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	47.04	54.00	-6.96	4.27	3	H	337	1.07	-
AV	5.1948G	96.32	Inf	-Inf	4.37	3	H	337	1.07	-
PK	5.149995G	60.13	74.00	-13.87	4.27	3	H	337	1.07	-
PK	5.196G	107.73	Inf	-Inf	4.37	3	H	337	1.07	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

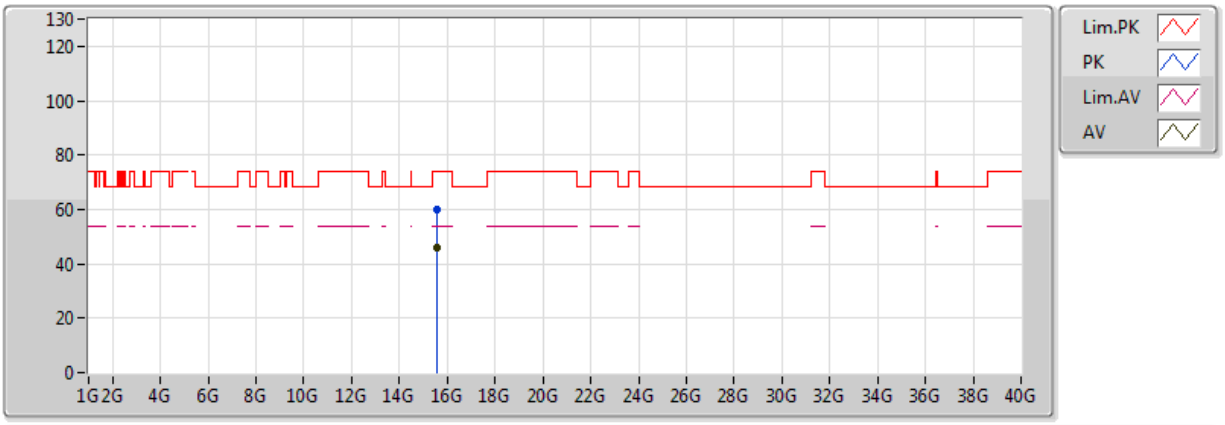


20170710
EUT Z_2TX
Setting 21
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.569776G	45.83	54.00	-8.17	13.76	3	V	109	1.81	-
PK	15.569064G	59.06	74.00	-14.94	13.76	3	V	109	1.81	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

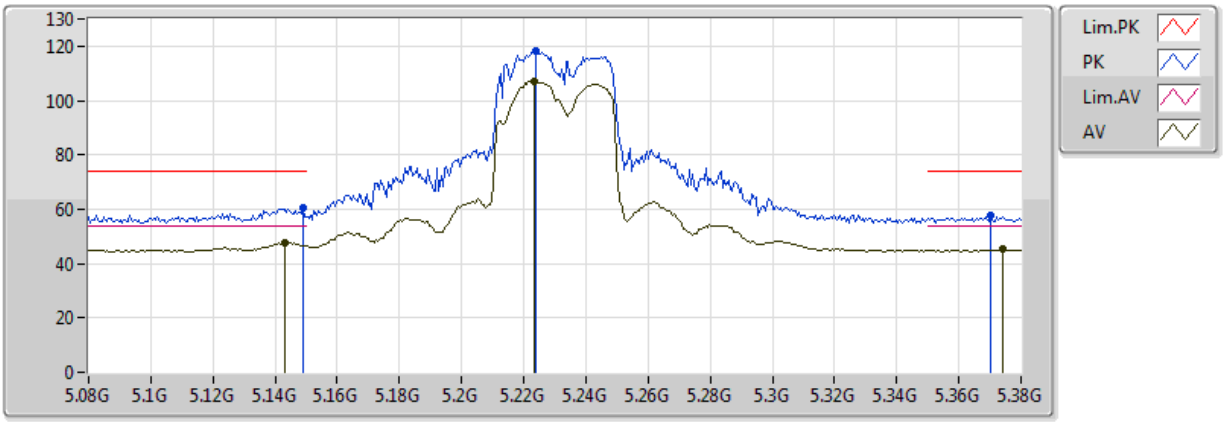


20170710
EUT Z_2TX
Setting 21
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.570744G	45.92	54.00	-8.08	13.76	3	H	45	1.28	-
PK	15.569568G	59.73	74.00	-14.27	13.76	3	H	45	1.28	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

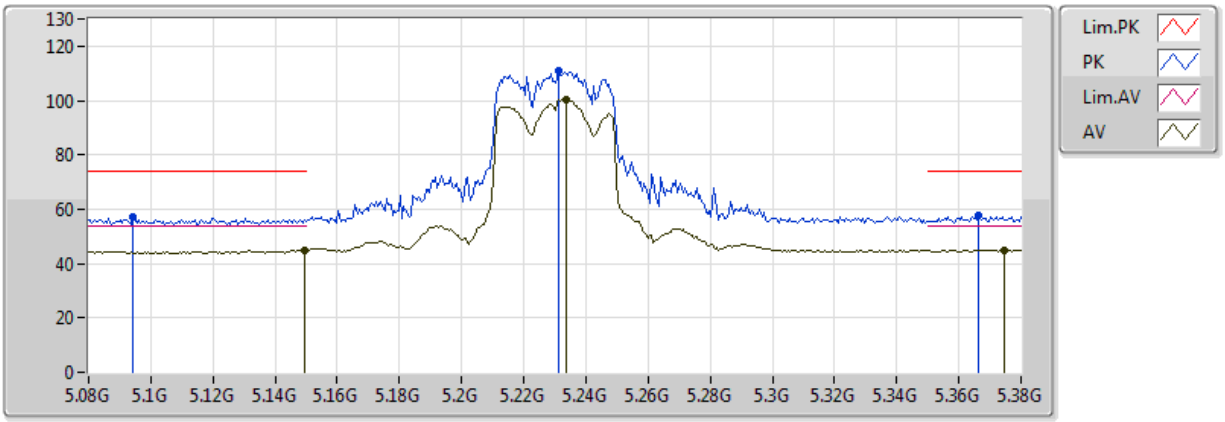


20170626
EUT Z_2TX
Setting 25
01-W-3-10
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.143G	47.64	54.00	-6.36	4.25	3	V	312	1.01	-
AV	5.2234G	107.14	Inf	-Inf	4.43	3	V	312	1.01	-
AV	5.374G	45.43	54.00	-8.57	4.72	3	V	312	1.01	-
PK	5.149G	60.59	74.00	-13.41	4.27	3	V	312	1.01	-
PK	5.224G	118.19	Inf	-Inf	4.43	3	V	312	1.01	-
PK	5.3704G	57.59	74.00	-16.41	4.72	3	V	312	1.01	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

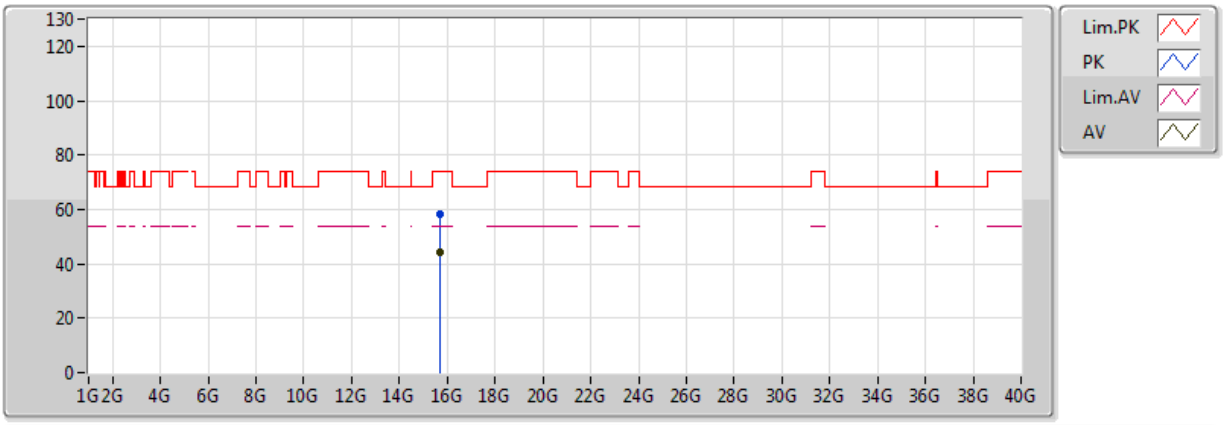


20170626
EUT Z_2TX
Setting 25
01-W-3-10
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1496G	45.05	54.00	-8.95	4.27	3	H	36	1.04	-
AV	5.2336G	100.42	Inf	-Inf	4.45	3	H	36	1.04	-
AV	5.3746G	45.09	54.00	-8.91	4.72	3	H	36	1.04	-
PK	5.0944G	57.23	74.00	-16.77	4.15	3	H	36	1.04	-
PK	5.2312G	110.76	Inf	-Inf	4.45	3	H	36	1.04	-
PK	5.3662G	57.91	74.00	-16.09	4.71	3	H	36	1.04	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

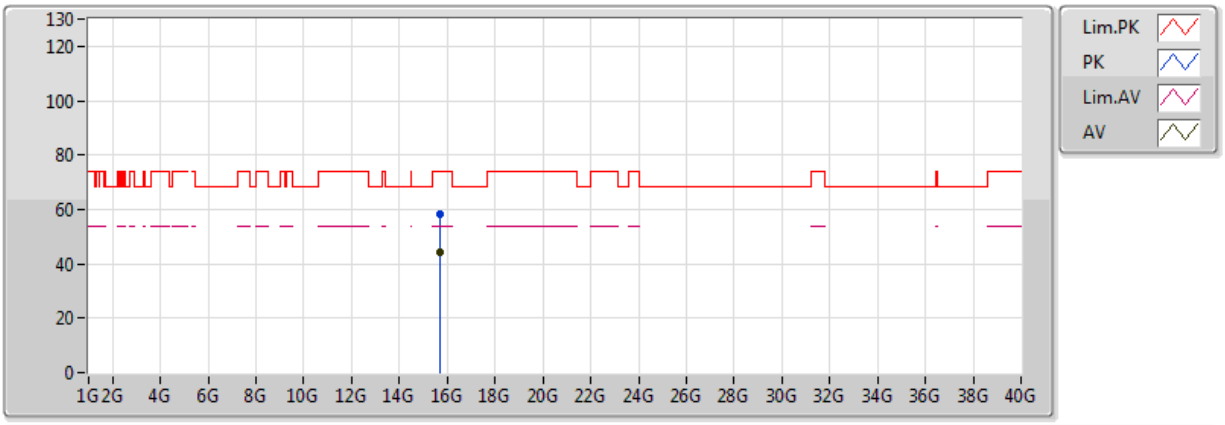


20170626
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.689412G	44.37	54.00	-9.63	13.62	3	V	313	2.14	-
PK	15.690828G	58.33	74.00	-15.67	13.61	3	V	313	2.14	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

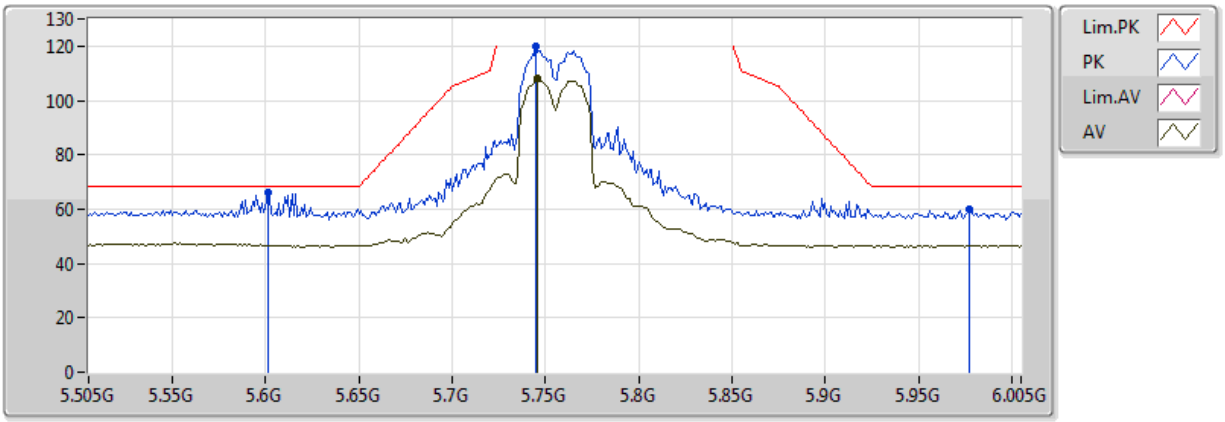


20170626
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.690774G	44.38	54.00	-9.62	13.61	3	H	315	2.16	-
PK	15.689718G	58.01	74.00	-15.99	13.61	3	H	315	2.16	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

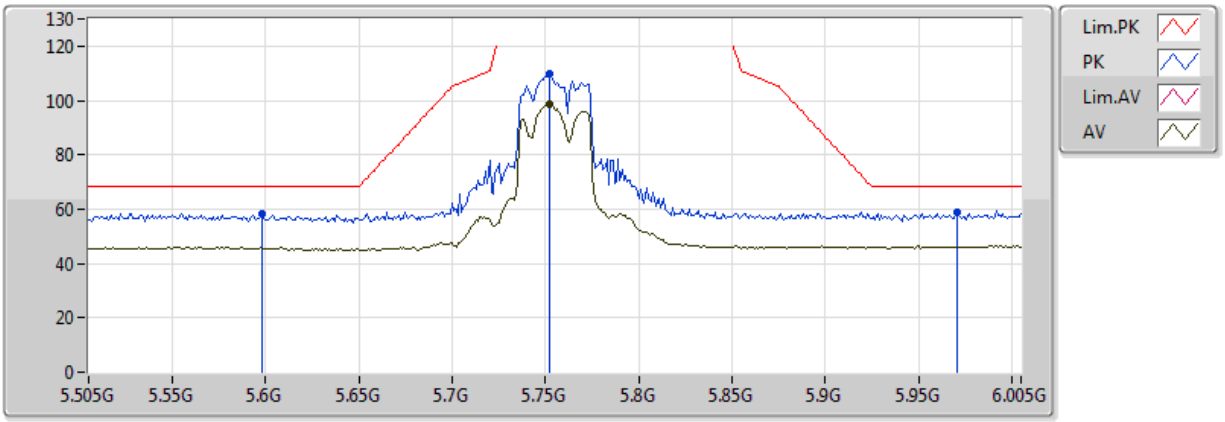


20170626
EUT Z_2TX
Setting 25
01-W-3-10
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.746G	107.99	Inf	-Inf	5.81	3	V	120	1.16	-
PK	5.601G	66.30	68.20	-1.90	5.38	3	V	120	1.16	-
PK	5.745G	119.65	Inf	-Inf	5.81	3	V	120	1.16	-
PK	5.977G	59.78	68.20	-8.42	6.63	3	V	120	1.16	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

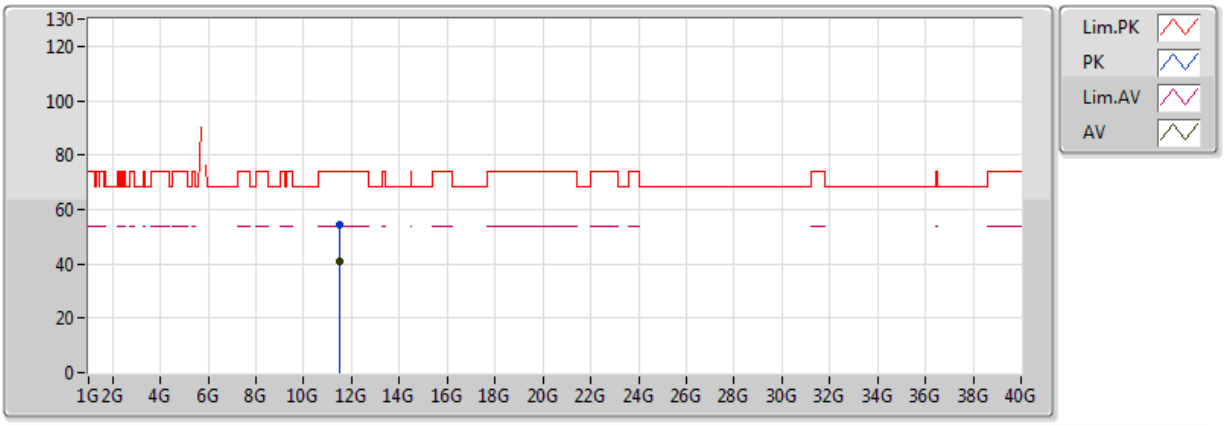


20170626
EUT Z_2TX
Setting 25
01-W-3-10
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.752G	98.78	Inf	-Inf	5.83	3	H	64	1.01	-
PK	5.598G	58.44	68.20	-9.76	5.37	3	H	64	1.01	-
PK	5.752G	109.94	Inf	-Inf	5.83	3	H	64	1.01	-
PK	5.971G	58.63	68.20	-9.57	6.61	3	H	64	1.01	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

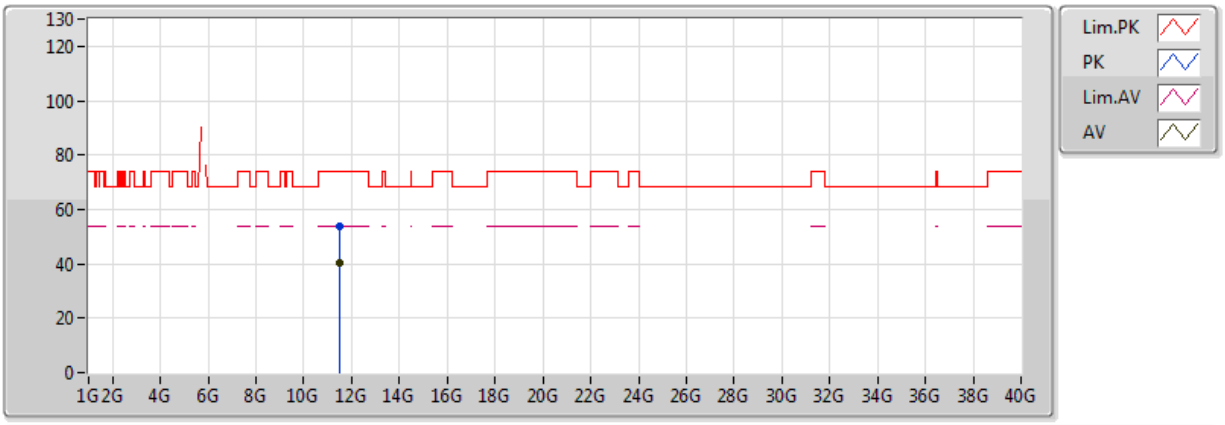


20170626
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.51042G	40.65	54.00	-13.35	12.05	3	V	309	1.64	-
PK	11.51103G	54.51	74.00	-19.49	12.05	3	V	309	1.64	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

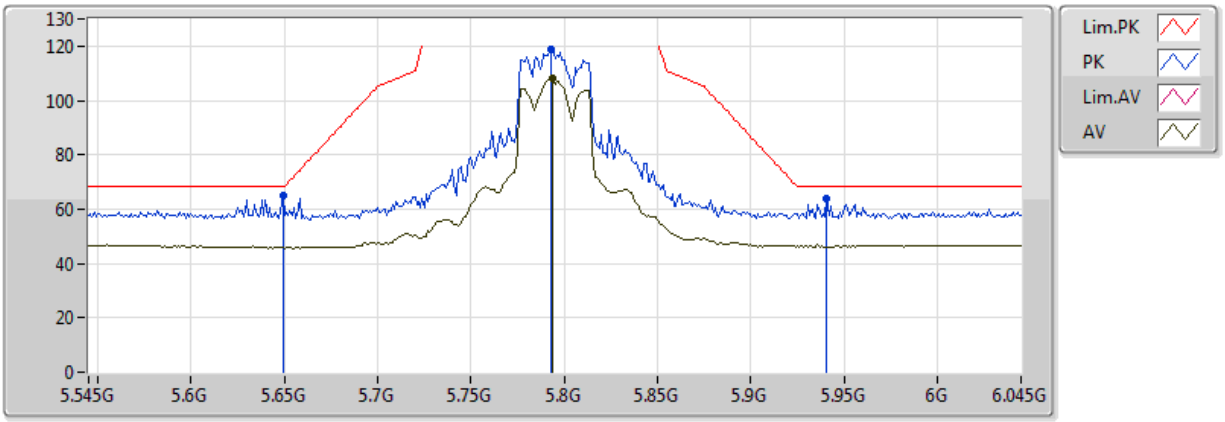


20170626
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.51062G	40.62	54.00	-13.38	12.05	3	H	165	2.45	-
PK	11.51116G	53.98	74.00	-20.02	12.05	3	H	165	2.45	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

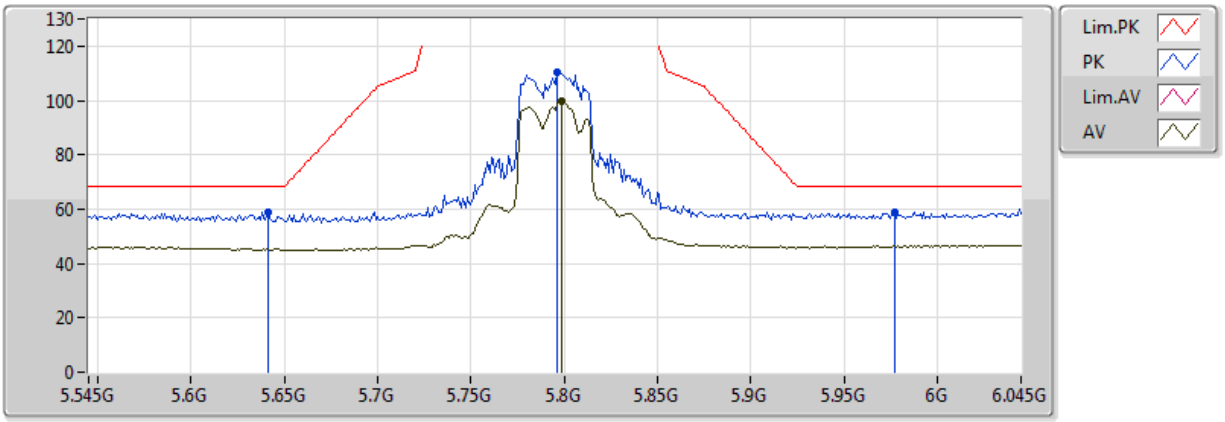


20170626
EUT Z_2TX
Setting 25
01-W-3-10
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.794G	108.14	Inf	-Inf	5.94	3	V	119	1.13	-
PK	5.649G	64.72	68.20	-3.48	5.53	3	V	119	1.13	-
PK	5.793G	118.82	Inf	-Inf	5.94	3	V	119	1.13	-
PK	5.941G	63.65	68.20	-4.55	6.50	3	V	119	1.13	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

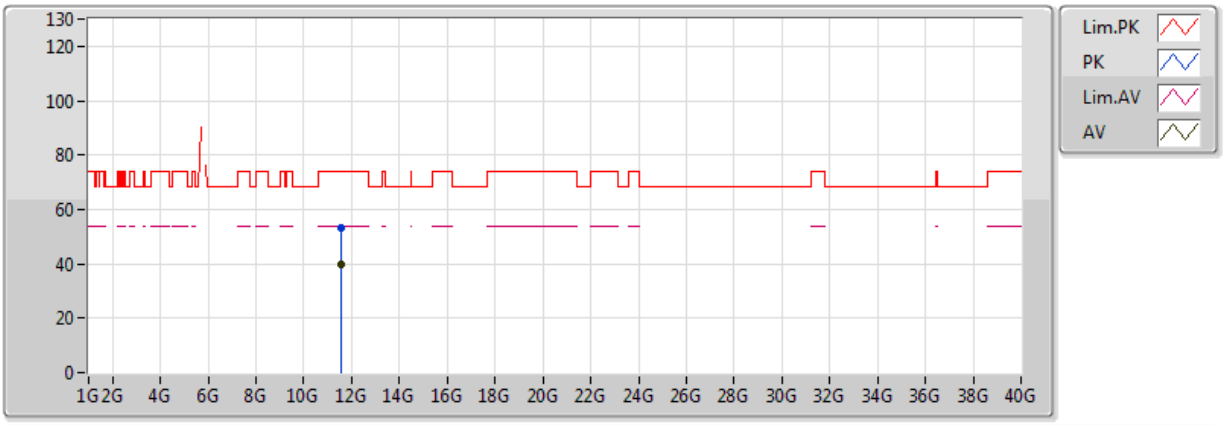


20170626
EUT Z_2TX
Setting 25
01-W-3-10
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.799G	99.75	Inf	-Inf	5.96	3	H	58	1.05	-
PK	5.641G	58.66	68.20	-9.54	5.50	3	H	58	1.05	-
PK	5.796G	110.44	Inf	-Inf	5.95	3	H	58	1.05	-
PK	5.977G	58.66	68.20	-9.54	6.63	3	H	58	1.05	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

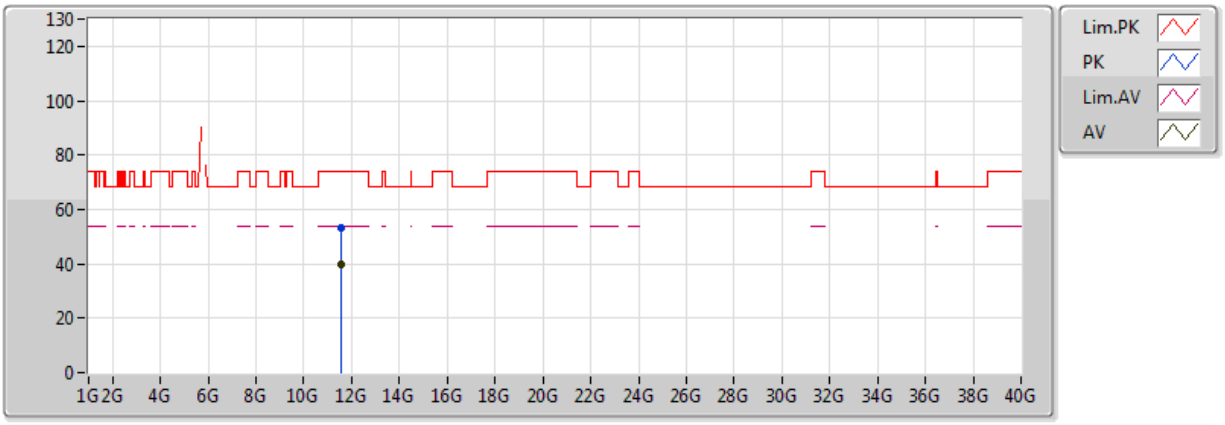


20170626
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.5879G	40.01	54.00	-13.99	12.09	3	V	113	2.02	-
PK	11.58894G	53.38	74.00	-20.62	12.09	3	V	113	2.02	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

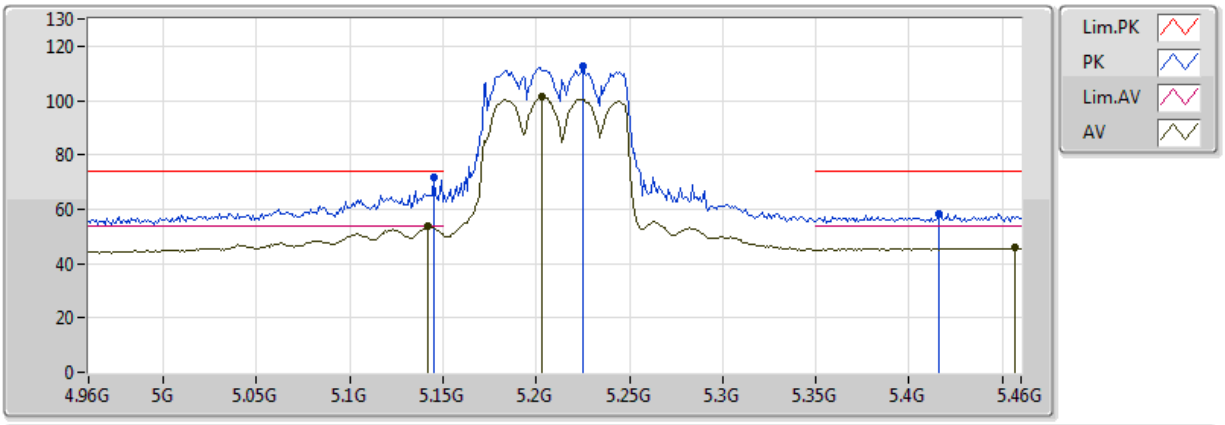


20170626
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.59166G	40.01	54.00	-13.99	12.09	3	H	19	1.34	-
PK	11.5887G	53.47	74.00	-20.53	12.09	3	H	19	1.34	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

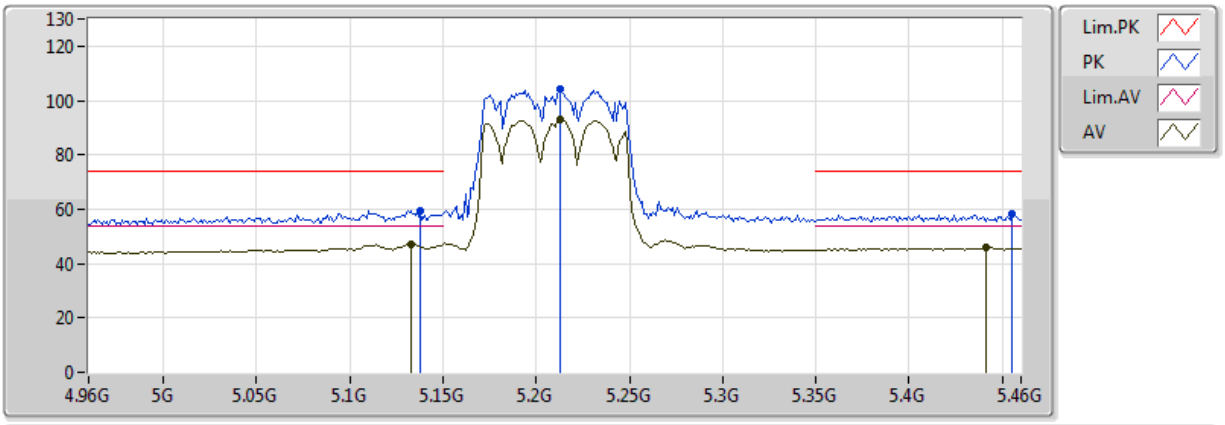


20170710
EUT Z_2TX
Setting 21
01-W-3-10
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.142G	53.62	54.00	-0.38	4.25	3	V	255	1.01	-
AV	5.203G	101.26	Inf	-Inf	4.39	3	V	255	1.01	-
AV	5.457G	45.78	54.00	-8.22	4.92	3	V	255	1.01	-
PK	5.145G	71.54	74.00	-2.46	4.26	3	V	255	1.01	-
PK	5.225G	112.66	Inf	-Inf	4.43	3	V	255	1.01	-
PK	5.416G	58.50	74.00	-15.50	4.81	3	V	255	1.01	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

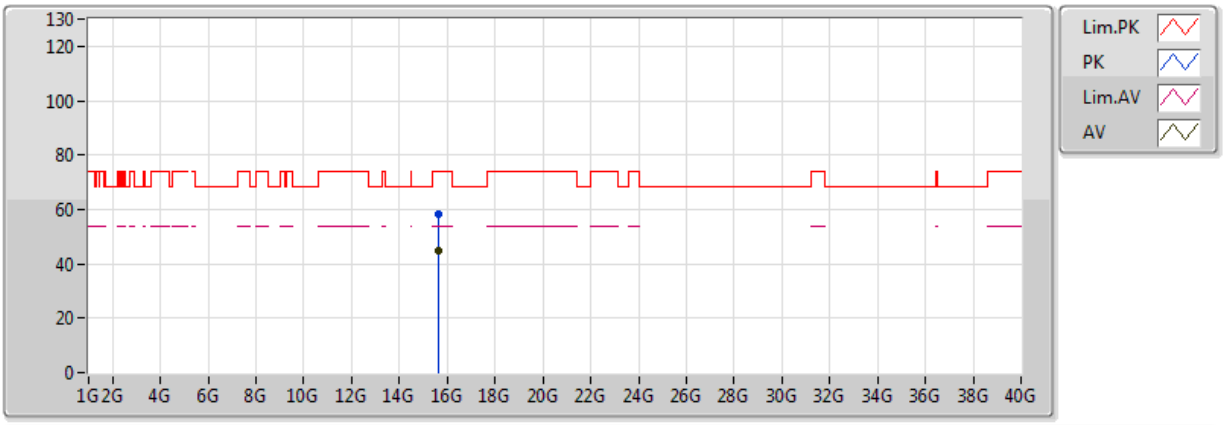


20170710
EUT Z_2TX
Setting 21
01-W-3-10
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.133G	47.14	54.00	-6.86	4.23	3	H	338	1.01	-
AV	5.213G	93.19	Inf	-Inf	4.41	3	H	338	1.01	-
AV	5.441G	45.89	54.00	-8.11	4.88	3	H	338	1.01	-
PK	5.138G	59.54	74.00	-14.46	4.24	3	H	338	1.01	-
PK	5.213G	104.08	Inf	-Inf	4.41	3	H	338	1.01	-
PK	5.455G	58.05	74.00	-15.95	4.91	3	H	338	1.01	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

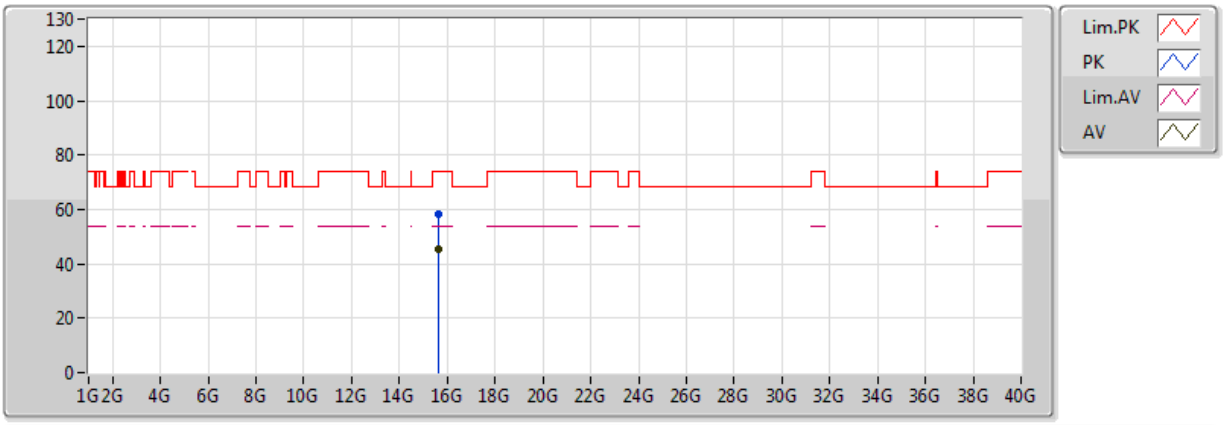


20170710
EUT Z_2TX
Setting 21
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.6293G	45.00	54.00	-9.00	13.69	3	V	185	2.27	-
PK	15.62858G	58.36	74.00	-15.64	13.69	3	V	185	2.27	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

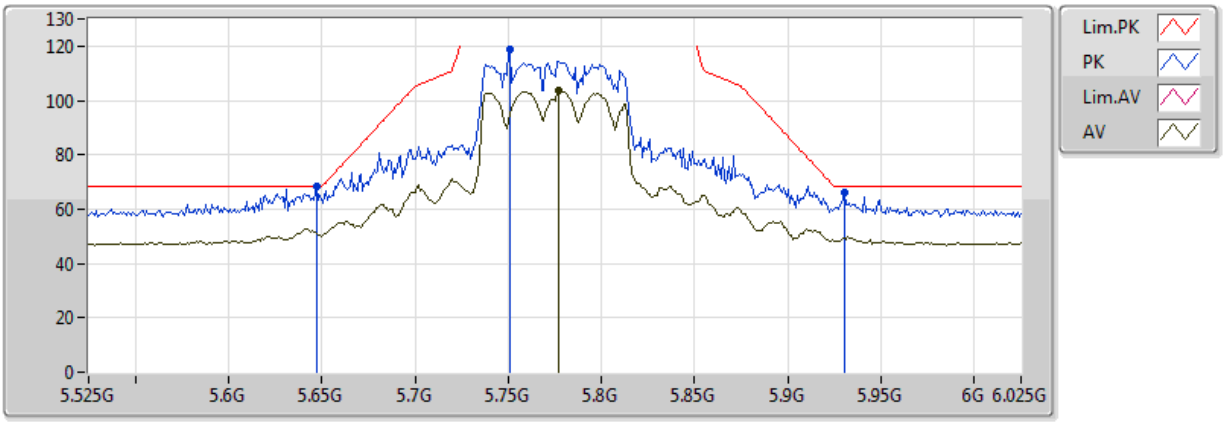


20170710
EUT Z_2TX
Setting 21
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.62945G	45.13	54.00	-8.87	13.69	3	H	57	1.19	-
PK	15.63158G	58.23	74.00	-15.77	13.69	3	H	57	1.19	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

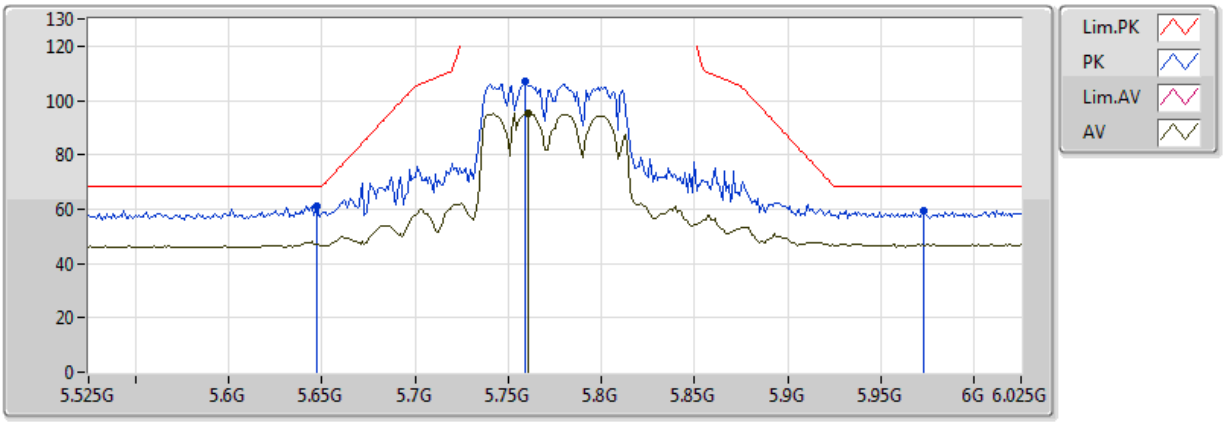


20170710
EUT Z_2TX
Setting 25
01-W-3-10
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.777G	103.74	Inf	-Inf	5.90	3	V	358	1.09	-
PK	5.647G	68.16	68.20	-0.04	5.52	3	V	358	1.09	-
PK	5.751G	118.84	Inf	-Inf	5.82	3	V	358	1.09	-
PK	5.93G	65.98	68.20	-2.22	6.45	3	V	358	1.09	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

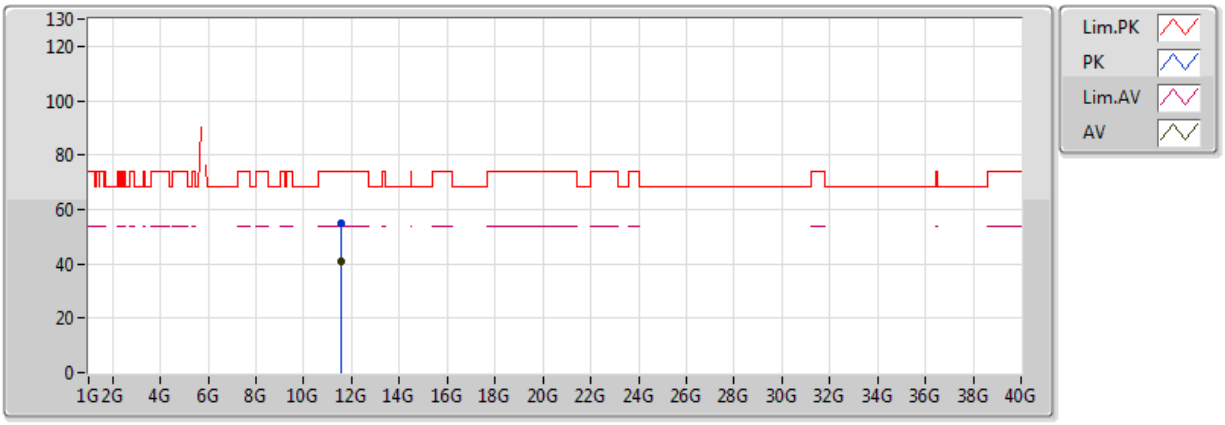


20170710
EUT Z_2TX
Setting 25
01-W-3-10
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.761G	95.44	Inf	-Inf	5.85	3	H	6	1.18	-
PK	5.647G	60.92	68.20	-7.28	5.52	3	H	6	1.18	-
PK	5.759G	106.97	Inf	-Inf	5.85	3	H	6	1.18	-
PK	5.973G	59.51	68.20	-8.69	6.62	3	H	6	1.18	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

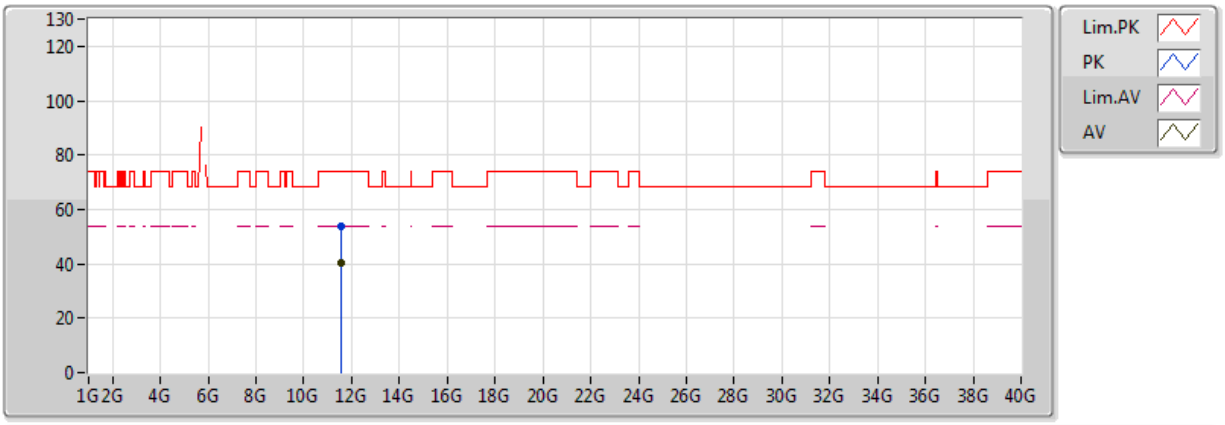


20170710
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.54974G	40.65	54.00	-13.35	12.07	3	V	13	1.50	-
PK	11.55143G	54.83	74.00	-19.17	12.07	3	V	13	1.50	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX



20170710
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.55072G	40.59	54.00	-13.41	12.07	3	H	59	1.10	-
PK	11.54956G	53.85	74.00	-20.15	12.07	3	H	59	1.10	-

Mode: 20 MHz / Port 2
Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5199.9642	5199.9639	5199.9631	5199.9623
110.00	5199.9635	5199.9630	5199.9622	5199.9621
93.50	5199.9625	5199.9624	5199.9614	5199.9611
Max. Deviation (MHz)	0.0375	0.0376	0.0386	0.0389
Max. Deviation (ppm)	7.21	7.23	7.42	7.48
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5199.9611	5199.9606	5199.9597	5199.9589
10	5199.9630	5199.9627	5199.9618	5199.9616
20	5199.9635	5199.9633	5199.9623	5199.9620
30	5199.9958	5199.9948	5199.9938	5199.9928
40	5199.9963	5199.9953	5199.9948	5199.9945
Max. Deviation (MHz)	0.0420	0.0422	0.0431	0.0439
Max. Deviation (ppm)	8.08	8.12	8.29	8.44
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5784.9637	5784.9628	5784.9625	5784.9623
110.00	5784.9635	5784.9633	5784.9625	5784.9615
93.50	5784.9634	5784.9629	5784.9619	5784.9613
Max. Deviation (MHz)	0.0366	0.0372	0.0381	0.0387
Max. Deviation (ppm)	6.33	6.43	6.59	6.69
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5784.9606	5784.9605	5784.9598	5784.9589
10	5784.9619	5784.9609	5784.9599	5784.9596
20	5784.9635	5784.9632	5784.9624	5784.9622
30	5784.9958	5784.9950	5784.9946	5784.9939
40	5784.9968	5784.9967	5784.9966	5784.9957
Max. Deviation (MHz)	0.0441	0.0442	0.0452	0.0462
Max. Deviation (ppm)	7.62	7.64	7.81	7.99
Result	Pass			

Mode: 40 MHz / Port 2

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5189.9643	5189.9636	5189.9630	5189.9620
110.00	5189.9635	5189.9633	5189.9632	5189.9629
93.50	5189.9626	5189.9623	5189.9621	5189.9615
Max. Deviation (MHz)	0.0374	0.0377	0.0379	0.0385
Max. Deviation (ppm)	7.21	7.26	7.30	7.42
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5189.9606	5189.9601	5189.9596	5189.9589
10	5189.9616	5189.9611	5189.9601	5189.9598
20	5189.9635	5189.9630	5189.9622	5189.9618
30	5189.9958	5189.9948	5189.9946	5189.9943
40	5189.9967	5189.9966	5189.9956	5189.9953
Max. Deviation (MHz)	0.0437	0.0443	0.0444	0.0453
Max. Deviation (ppm)	8.42	8.54	8.55	8.73
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5754.9641	5754.9635	5754.9628	5754.9627
110.00	5754.9635	5754.9629	5754.9620	5754.9616
93.50	5754.9632	5754.9626	5754.9621	5754.9613
Max. Deviation (MHz)	0.0368	0.0374	0.0380	0.0387
Max. Deviation (ppm)	6.39	6.50	6.60	6.72
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5754.9624	5754.9616	5754.9610	5754.9605
10	5754.9630	5754.9625	5754.9624	5754.9615
20	5754.9635	5754.9628	5754.9622	5754.9619
30	5754.9958	5754.9954	5754.9951	5754.9946
40	5754.9960	5754.9955	5754.9946	5754.9937
Max. Deviation (MHz)	0.0408	0.0415	0.0423	0.0428
Max. Deviation (ppm)	7.09	7.21	7.35	7.44
Result	Pass			

Mode: 80 MHz / Port 2

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5210 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5209.9636	5209.9631	5209.9628	5209.9624
110.00	5209.9635	5209.9626	5209.9621	5209.9616
93.50	5209.9634	5209.9628	5209.9622	5209.9615
Max. Deviation (MHz)	0.0366	0.0374	0.0379	0.0385
Max. Deviation (ppm)	7.02	7.18	7.27	7.39
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5210 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5209.9613	5209.9608	5209.9605	5209.9595
10	5209.9618	5209.9609	5209.9606	5209.9598
20	5209.9635	5209.9628	5209.9620	5209.9615
30	5209.9958	5209.9948	5209.9945	5209.9938
40	5209.9959	5209.9952	5209.9942	5209.9937
Max. Deviation (MHz)	0.0434	0.0440	0.0441	0.0450
Max. Deviation (ppm)	8.33	8.45	8.46	8.64
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5774.9640	5774.9636	5774.9626	5774.9617
110.00	5774.9635	5774.9631	5774.9621	5774.9613
93.50	5774.9633	5774.9625	5774.9617	5774.9609
Max. Deviation (MHz)	0.0367	0.0375	0.0383	0.0391
Max. Deviation (ppm)	6.35	6.49	6.63	6.77
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5774.9618	5774.9613	5774.9608	5774.9599
10	5774.9626	5774.9621	5774.9613	5774.9603
20	5774.9635	5774.9630	5774.9628	5774.9620
30	5774.9958	5774.9957	5774.9948	5774.9940
40	5774.9968	5774.9960	5774.9959	5774.9949
Max. Deviation (MHz)	0.0426	0.0432	0.0436	0.0439
Max. Deviation (ppm)	7.38	7.48	7.55	7.60
Result	Pass			