FCC RADIO TEST REPORT

FCC ID	:	2AWNEKDE20102
Equipment	:	Home Entertainment Hub
Brand Name	:	E1 by Ericsson
Model Name	:	KDE20102
Applicant	:	Ericsson AB 21-23 Torshamnsgatan Stockholm, 16480 Sweden
Manufacturer	:	CyberTAN Technology Inc. No. 99, Park Avenue III Science-based Industrial Park Hsinchu Taiwan 308
Standard	:	47 CFR FCC Part 15.407

The product was received on Mar. 27, 2020, and testing was started from Apr. 07, 2020 and completed on May 22, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR031609AB	01	Initial issue of report	Aug. 05, 2020

Summary of Test Result

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

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
1. The test configuration, test mode and test software were written in this test report are declared by the manufacturer. 2. The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Cindy Peng

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	802.11a-BF	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	802.11a-BF	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.

1.1.2 Antenna Information

For WLAN 2.4GHz / WLAN 5GHz / Bluetooth / Zigbee function:

Ant.	Port		Brand	Model Name	Type	Connector	Gain (dBi)	
	WLAN 2.4GHz	WLAN 5GHz B1					WLAN 2.4GHz	WLAN 5GHz B1
1	1	1	Airgain	N2420DSRD	PCB	I-PEX	2.2	3.1
2	2	2	Airgain	N2420DSRF	PCB	I-PEX	2.7	3.3
Ant.	**Port**		**Brand**	**Model Name**	**Type**	**Connector**	**Gain (dBi)**	
	WLAN 5GHz B4	**Zigbee**					**WLAN 5GHz B4**	**Zigbee**
3	1	1	Airgain	N2420DSRC	PCB	I-PEX	3.1	2.8
Ant.	**Port**		**Brand**	**Model Name**	**Type**	**Connector**	**Gain (dBi)**	
	WLAN 5GHz B4	**Bluetooth**					**WLAN 5GHz B4**	**Bluetooth**
4	2	1	Airgain	N2420DSRE	PCB	I-PEX	3.1	2.7

Note1: B1 means band 1, B4 means band 4.
Note2: The above information was declared by manufacturer.
Note3: For WLAN 2.4GHz function (2TX/2RX):
The WLAN 2.4GHz supports the b, g, n, VHT.
Port 1 and Port 2 could transmit/receive simultaneously.
Note4: For WLAN 5GHz Band 1 function (2TX/2RX):
The WLAN 5GHz Band 1 supports the a, n, ac.
Port 1 and Port 2 could transmit/receive simultaneously.
Note5: For WLAN 5GHz Band 4 function (2TX/2RX):
The WLAN 5GHz Band 4 supports the a, n, ac.
Port 1 and Port 2 could transmit/receive simultaneously.
Note6: For Zigbee function (1TX/1RX):
Only Port 1 can be used as transmitting/receiving.
Note7: For Bluetooth function (1TX/1RX):
Only Port 1 can be used as transmitting/receiving.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a-BF	0.927	0.33	2.15m	1k
802.11ac VHT20-BF	0.903	0.44	1.845m	1k
802.11ac VHT40-BF	0.865	0.63	1.699m	1k
802.11ac VHT80-BF	0.913	0.4	2.038m	1k

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

1.1.4 EUT Operational Condition

EUT Power Type	From power adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for g/n/VHT in 2.4GHz and a/n/ac in 5GHz.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	Putty, Telnet			

Note: The above information was declared by manufacturer.

1.1.5 Table of WWAN Module

The EUT contains a LTE module, the detail information as following.

Brand Name	Model Name	FCC ID	Function
Telit	LN960A16	RI7LN960A16	LTE: Band 2/4/5/7/12/13/14/17/25/26/30/38/41/66

1.1.6 Table for EUT Supports Functions

Function	Support Type
AP	Master
Mesh	Master
Bridge	Master

Note: The “AP mode” has been selected to test and recorded in the test report by manufacturer.

1.2 Applicable Standards

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

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

The following reference test guidance is not within the scope of accreditation of TAF.

- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH03-CB	Owen Hsu	23.5~25.5°C / 53~55%	Apr. 10, 2020~May 08, 2020
Radiated Below 1GHz (Mode 1~Mode 3)	03CH06-CB	JN Du	22.7~23.5°C / 53~57%	Apr. 13, 2020~May 22, 2020
Radiated Below 1GHz (Mode 4~Mode 6)	03CH06-CB	Eason Chen	22.7~23.5°C / 53~57%	Apr. 09, 2020~May 14, 2020
Radiated Above 1GHz	03CH06-CB, 03CH02-CB, 03CH04-CB	JN Du	22.7~23.5°C / 53~57%	Apr. 13, 2020~May 22, 2020
AC Conduction	CO01-CB	Ryo Fan	21~22°C / 60~63%	Apr. 07, 2020

Test site Designation No. TW0006 with FCC
Test site registered number IC 4086D with Industry Canada.

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	5.1 dB	Confidence levels of 95%
Conducted Emission	2.4 dB	Confidence levels of 95%
Output Power Measurement	1.5 dB	Confidence levels of 95%
Power Density Measurement	2.4 dB	Confidence levels of 95%
Bandwidth Measurement	2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a-BF_Nss1,(6Mbps)_2TX	-
5180MHz	21.5
5200MHz	25.5
5240MHz	24
5745MHz	25.5
5785MHz	25.5
5825MHz	25.5
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	22
5200MHz	25
5240MHz	24
5745MHz	25.5
5785MHz	25.5
5825MHz	25.5
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	19.5
5230MHz	23.5
5755MHz	24.5
5795MHz	25.5
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	18.5
5775MHz	23

Note:
- There are two modes of EUT, one is beamforming mode, and the other is non-beamforming mode for g/n/VHT in 2.4GHz and a/n/ac in 5GHz, after evaluating, beamforming mode has been evaluated to be the worst case, so it was selected to test and record in this test report.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
1	AP mode with LTE Link: Band 2 – EUT + Adapter 1 + Power cable
2	AP mode with LTE Link: Band 4 – EUT + Adapter 2 + Power cable
For operating mode 2 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
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	CTX
1	WLAN 2.4GHz + Adapter 1
2	WLAN 5GHz Band 1 + Adapter 1
3	WLAN 5GHz Band 4 + Adapter 1
4	Bluetooth + Adapter 1
5	Zigbee + Adapter 1
Mode 4 has been evaluated to be the worst case among Mode 1~5, thus measurement for Mode 6 will follow this same test mode.	
6	Bluetooth + Adapter 2
For operating mode 6 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
The Operating Mode of Radiated Emission Co-location as below: 1. WLAN 2.4GHz + WLAN 5GHz Band 1 2. WLAN 5GHz Band 4 + Bluetooth 3. WLAN 5GHz Band 4 + Zigbee After evaluating, the full function generated the worst case, thus the measurement will follow this same test configuration.	
1	WLAN 2.4GHz + WLAN 5GHz Band 1 + WLAN 5GHz Band 4 + Bluetooth + Zigbee
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz Band 1 + WLAN 5GHz Band 4 + Bluetooth + Zigbee + LTE
Refer to Sporton Test Report No.: FA031609 for Co-location RF Exposure Evaluation.	

Note: The EUT can only be used Z axis.

2.3 EUT Operation during Test

For CTX Mode:

For Radiated Below 1GHz test:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Above 1GHz and RF Conducted tests:

During the test, the following programs under WIN 7 were executed.
The program was executed as follows:
1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Putty, Telnet.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by WLAN AP and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories					
No.	**Equipment Name**	**Brand Name**	**Model Name**	**Rating**	**Remark**
1	Adapter 1	FSP	FSP100-A1AR3	INPUT: 100-240V~50-60Hz, 1.4A OUTPUT: 5V, 3A / 9V, 3A 12V, 3A / 15V, 3A 20V, 5.0A 100W MAX.	With the cable: Non-shielded, 1.6m
2	Adapter 2	DELTA	ADH-100CR B	INPUT: 100-240V~1.8A, 50-60Hz OUTPUT: 5.0V, 3.0A, 15.0W or 9.0V, 3.0A 15.0V, 3.0A or 20.0V, 5.0A 100.0W.	With the cable: Non-shielded, 1.6m
Others					
3	HDMI cable*1: Shielded, 1.5m				
4	USB-C to USB-A cable*1: Shielded, 0.1m				
5	Power cable*1: Non-shielded, 1m				

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	TV	ASUS	VP28U	N/A
B	Micro SD card	Transcend	TS16GUSDHC10	N/A
C	SIM card	N/A	N/A	N/A
D	LAN NB	DELL	E6430	N/A
E	WAN NB	DELL	E6430	N/A
F	2.4G NB	DELL	E6430	N/A
G	5G-1 NB	DELL	E6430	N/A
H	5G-2 NB	DELL	E6430	N/A
I	Bluetooth speaker	Wei Xuan	S06B	N/A
J	Zigbee device	N/A	N/A	N/A
K	LTE base station	Anritsu	MT8820C	N/A
L	Air mouse	HENGCHUANGYU	HCY-57B	2AOBUHCY-57B

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LCD Monitor	DELL	1704FPTt	N/A
B	USB Hub	IOTNPCI	HB-16	N/A
C	Keyboard	iCooky	SK068	N/A
D	Mouse	Logitech	M-U0026	N/A

For Radiated (above 1GHz):

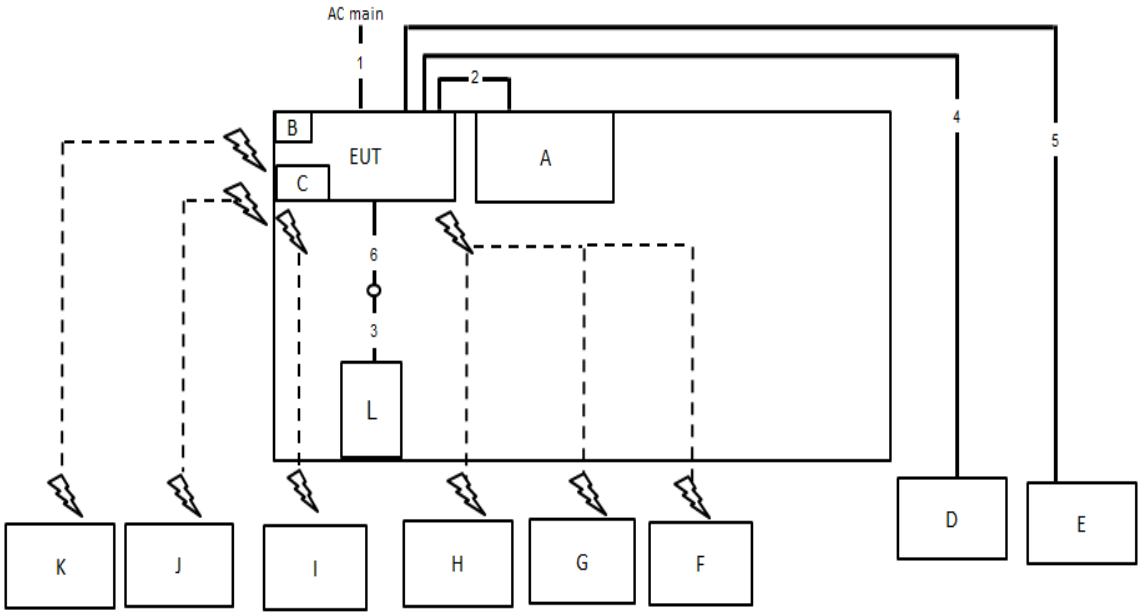
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	WLAN AP	LINKSYS	EA8300	N/A
C	NB	DELL	E4300	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	WLAN AP	LINKSYS	EA8300	N/A

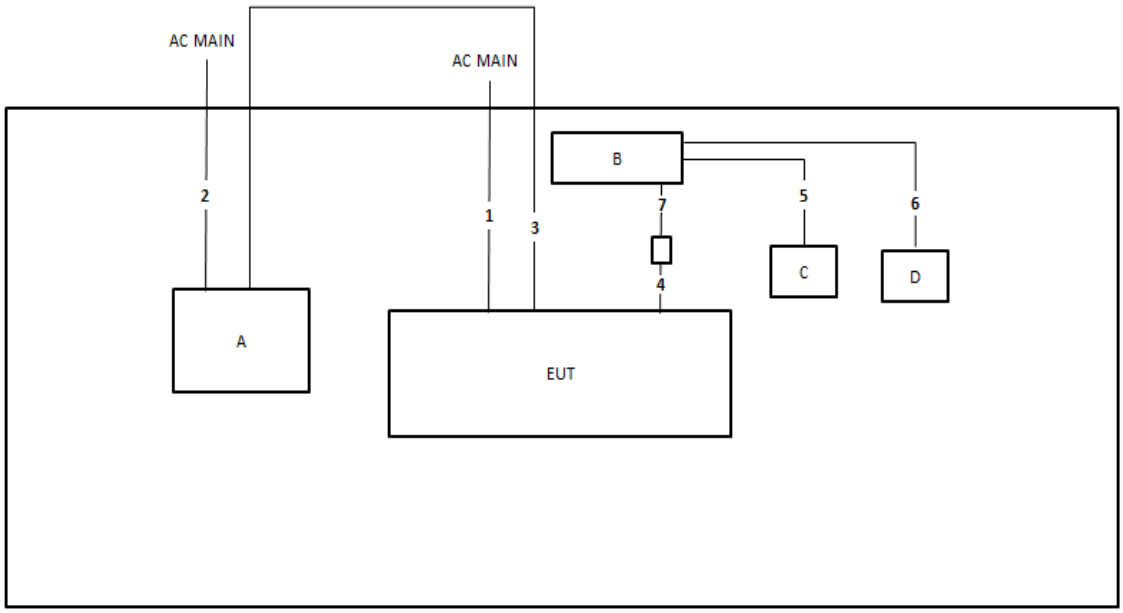
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



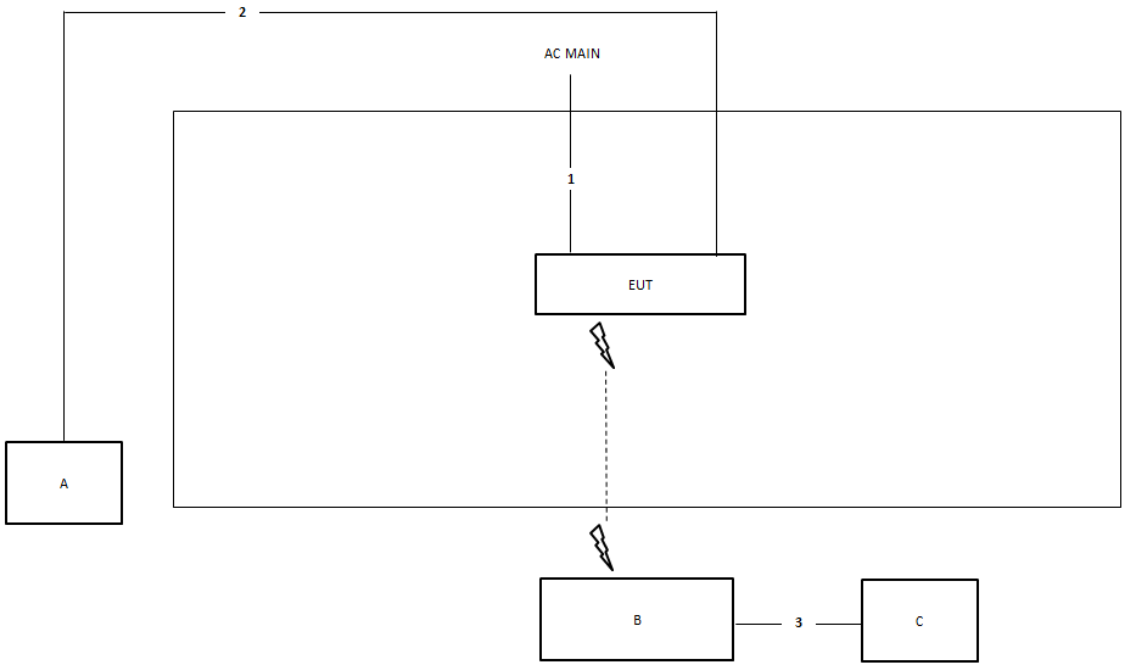
Item	Connection	Shielded	Length
1	Power cable	No	2.6m
2	HDMI cable	Yes	1.5m
3	USB cable	Yes	0.9m
4	RJ-45 cable	No	10m
5	RJ-45 cable	No	10m
6	USB cable	Yes	0.1m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	2.6m
2	Power cable	No	1.5m
3	HDMI cable	Yes	1.5m
4	USB cable	Yes	0.1m
5	USB cable	Yes	1.8m
6	USB cable	Yes	1.8m
7	USB cable	Yes	0.9m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	2.6m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

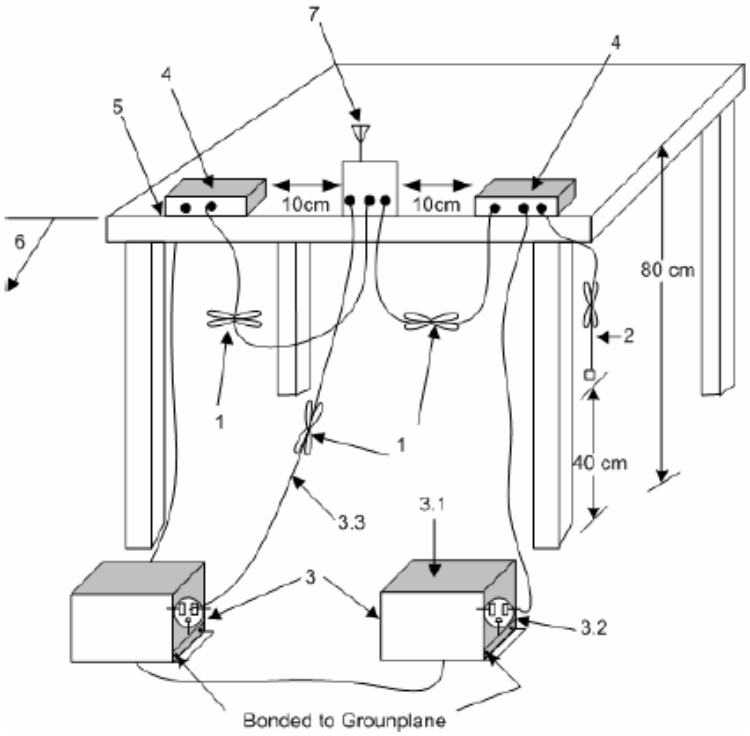
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

a. Corrected Reading (dBuV) = LISN Factor + Cable Loss + Read Level = Level

b. Margin = - Limit + (Read Level + LISN Factor + Cable Loss)

3.1.6 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.

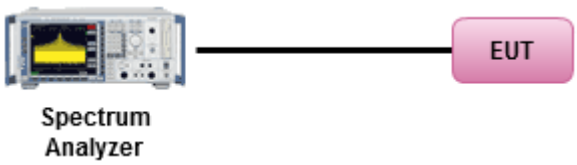
3.2.2 Measuring Instruments

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

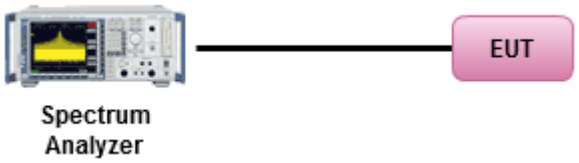
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

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

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

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

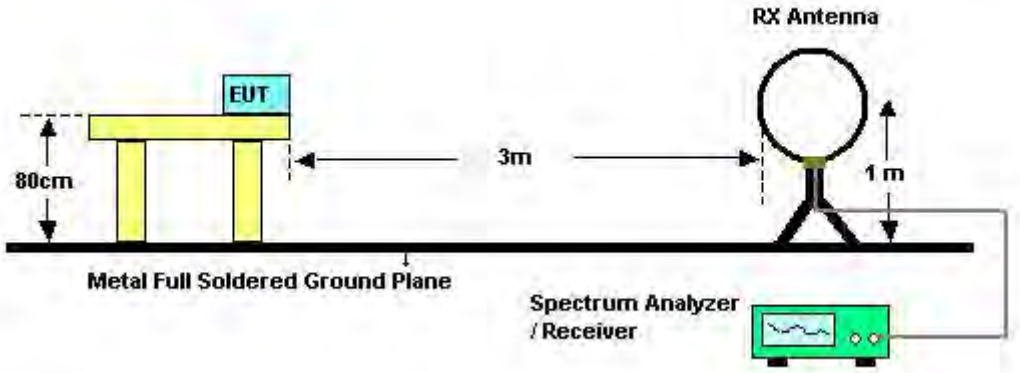
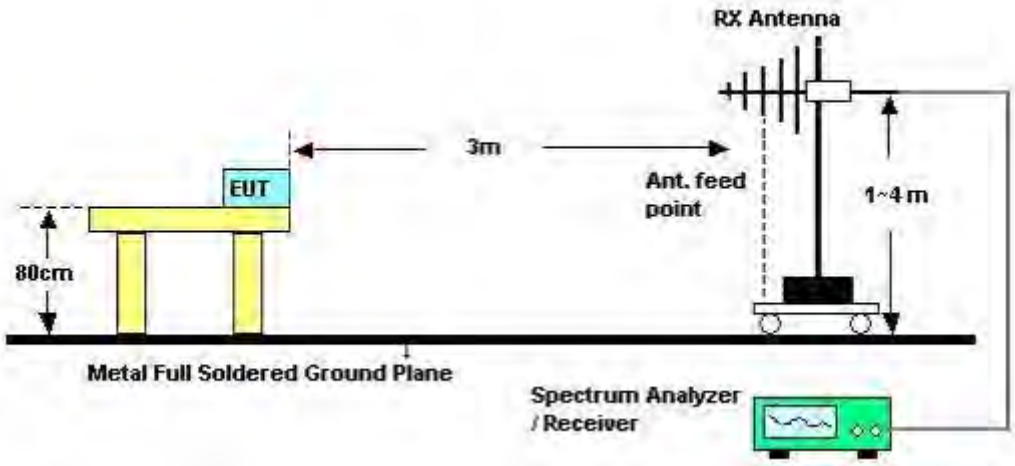
3.5.2 Measuring Instruments

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

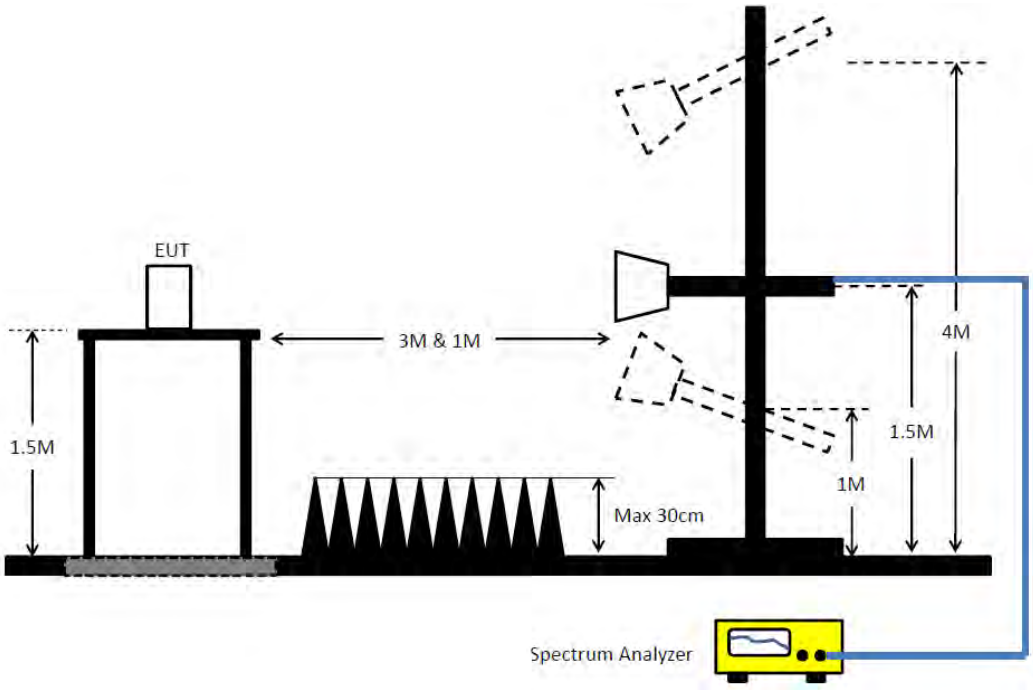
3.5.3 Test Procedures

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

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor (if applicable) = Level.

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10 harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Feb. 26, 2020	Feb. 25, 2021	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 25, 2019	Dec. 24, 2020	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Feb. 25, 2020	Feb. 24, 2021	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 31, 2020	Jan. 30, 2021	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 21, 2019	May 20, 2020	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 16, 2020	Mar. 15, 2021	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Aug. 03, 2019	Aug. 02, 2020	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1292	1GHz~18GHz	Jul. 17, 2019	Jul. 16, 2020	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 12, 2019	Jun. 11, 2020	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	May 07, 2019	May 06, 2020	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Apr. 28, 2020	Apr. 27, 2021	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 08, 2019	May 07, 2020	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 07, 2020	May 06, 2021	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Oct. 21, 2019	Oct. 20, 2020	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 15, 2019	May 14, 2020	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH06-CB)
RF Cable-low	HUBER+SUHNER	RG402	Low Cable-05+24	30MHz~1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05+24	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH06-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH06-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 24, 2019	Apr. 23, 2020	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 21, 2020	Apr. 20, 2021	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 27, 2019	Jun. 26, 2020	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Aug. 21, 2019	Aug. 20, 2020	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH02-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Aug. 15, 2019	Aug. 14, 2020	Radiation (03CH02-CB)
High Cable	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH02-CB)
High Cable	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH02-CB)
Horn Antenna	ETS・Lindgren	3115	00143147	750MHz~18GHz	Oct. 22, 2019	Oct. 21, 2020	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 12, 2019	Jun. 11, 2020	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Mar. 11, 2020	Mar. 10, 2021	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Dec. 18, 2019	Dec. 17, 2020	Radiation (03CH04-CB
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+22	1GHz - 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Nov. 01, 2019	Oct. 31, 2020	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 13, 2019	Aug. 12, 2020	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 13, 2019	Aug. 12, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-12	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)

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

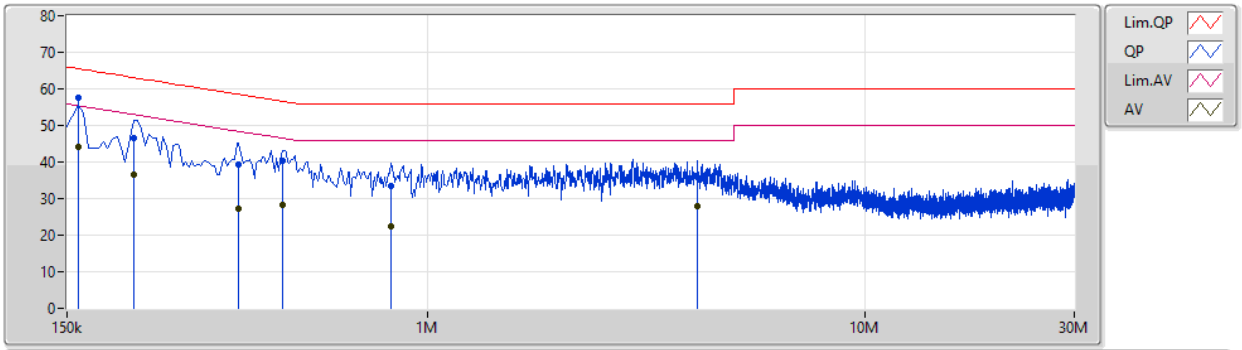
N.C.R. means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition
Mode 2	Pass	QP	159k	57.62	65.52	-7.90	9.90	Line

Mode 2

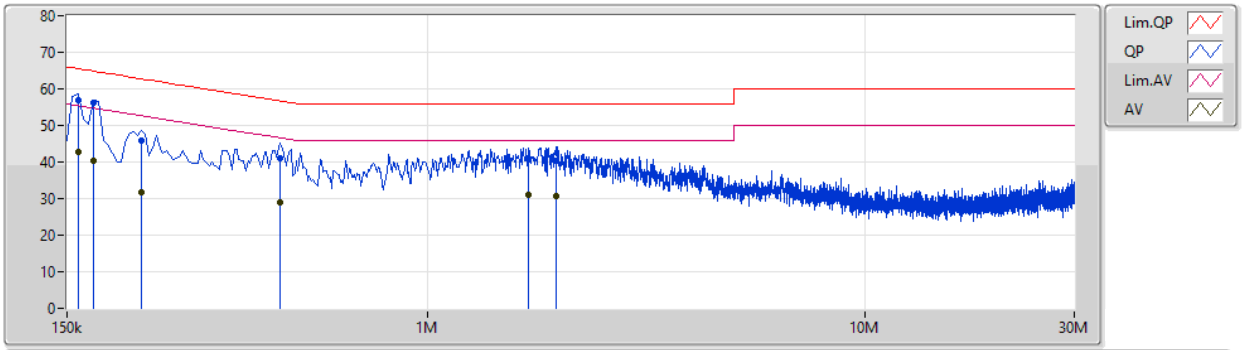
07/04/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	159k	57.62	65.52	-7.90	9.90	Line	"Worst"	47.72	0.05	0.06	9.79
AV	159k	43.97	55.52	-11.55	9.90	Line	-	34.07	0.05	0.06	9.79
QP	213k	46.71	63.09	-16.38	9.89	Line	-	36.82	0.04	0.06	9.79
AV	213k	36.43	53.09	-16.66	9.89	Line	-	26.54	0.04	0.06	9.79
QP	370.5k	39.20	58.49	-19.29	9.91	Line	-	29.29	0.04	0.06	9.81
AV	370.5k	27.15	48.49	-21.34	9.91	Line	-	17.24	0.04	0.06	9.81
QP	465k	40.36	56.61	-16.25	9.91	Line	-	30.45	0.04	0.06	9.81
AV	465k	28.11	46.61	-18.50	9.91	Line	-	18.20	0.04	0.06	9.81
QP	825k	33.37	56.00	-22.63	9.95	Line	-	23.42	0.05	0.08	9.82
AV	825k	22.50	46.00	-23.50	9.95	Line	-	12.55	0.05	0.08	9.82
QP	4.137M	35.79	56.00	-20.21	10.07	Line	-	25.72	0.09	0.17	9.81
AV	4.137M	27.77	46.00	-18.23	10.07	Line	-	17.70	0.09	0.17	9.81

Mode 2

07/04/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	159k	56.94	65.52	-8.58	9.89	Neutral	"Worst"	47.05	0.04	0.06	9.79
AV	159k	42.78	55.52	-12.74	9.89	Neutral	-	32.89	0.04	0.06	9.79
QP	172.5k	56.04	64.83	-8.79	9.89	Neutral	-	46.15	0.04	0.06	9.79
AV	172.5k	40.41	54.83	-14.42	9.89	Neutral	-	30.52	0.04	0.06	9.79
QP	222k	45.94	62.75	-16.81	9.89	Neutral	-	36.05	0.04	0.06	9.79
AV	222k	31.58	52.75	-21.17	9.89	Neutral	-	21.69	0.04	0.06	9.79
QP	460.5k	41.11	56.69	-15.58	9.91	Neutral	-	31.20	0.04	0.06	9.81
AV	460.5k	28.82	46.69	-17.87	9.91	Neutral	-	18.91	0.04	0.06	9.81
QP	1.698M	40.60	56.00	-15.40	10.01	Neutral	-	30.59	0.07	0.11	9.83
AV	1.698M	30.92	46.00	-15.08	10.01	Neutral	-	20.91	0.07	0.11	9.83
QP	1.968M	40.28	56.00	-15.72	10.02	Neutral	-	30.26	0.07	0.12	9.83
AV	1.968M	30.85	46.00	-15.15	10.02	Neutral	-	20.83	0.07	0.12	9.83

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a-BF_Nss1,(6Mbps)_2TX	41.01M	24.588M	24M6D1D	20.52M	16.462M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	39.9M	22.669M	22M7D1D	20.91M	17.691M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	78.06M	39.58M	39M6D1D	38.88M	35.802M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	81.12M	75.922M	75M9D1D	80.88M	75.802M
5.725-5.85GHz	-	-	-	-	-
802.11a-BF_Nss1,(6Mbps)_2TX	16.35M	35.772M	35M8D1D	16.29M	21.109M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	17.52M	39.37M	39M4D1D	16.8M	18.771M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	35.7M	73.163M	73M2D1D	33M	45.517M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	75.48M	85.517M	85M5D1D	72M	76.522M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% 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

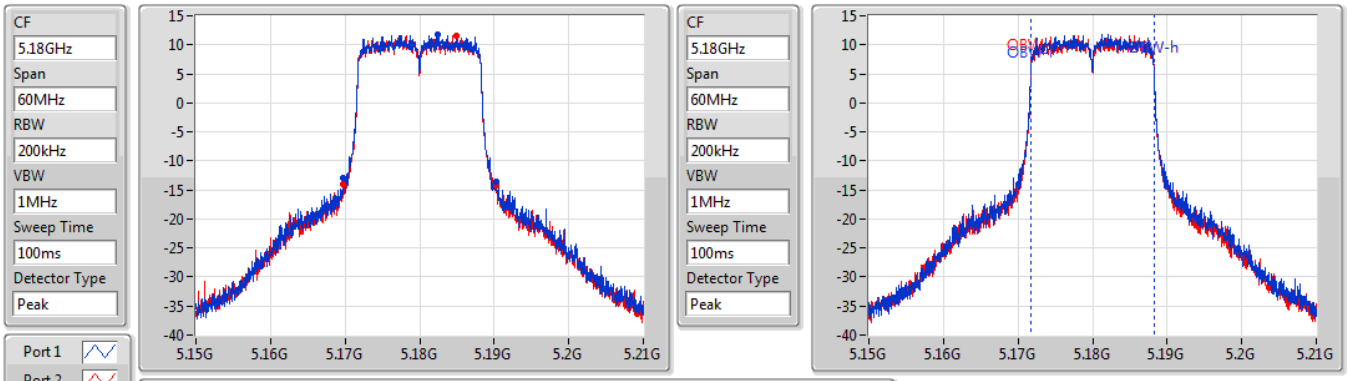
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a-BF_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.52M	16.462M	20.61M	16.462M
5200MHz	Pass	Inf	40.11M	23.838M	41.01M	24.588M
5240MHz	Pass	Inf	35.82M	18.921M	34.05M	17.061M
5745MHz	Pass	500k	16.32M	21.199M	16.29M	30.255M
5785MHz	Pass	500k	16.32M	21.109M	16.29M	35.652M
5825MHz	Pass	500k	16.29M	33.553M	16.35M	35.772M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.03M	17.751M	20.91M	17.691M
5200MHz	Pass	Inf	37.11M	20.87M	39.9M	22.669M
5240MHz	Pass	Inf	37.32M	19.4M	33.09M	18.081M
5745MHz	Pass	500k	16.8M	21.829M	17.52M	30.645M
5785MHz	Pass	500k	17.4M	18.771M	17.07M	35.712M
5825MHz	Pass	500k	17.49M	31.994M	17.52M	39.37M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	38.88M	35.802M	38.88M	35.862M
5230MHz	Pass	Inf	78.06M	39.58M	71.1M	36.822M
5755MHz	Pass	500k	35.7M	46.537M	34.92M	55.292M
5795MHz	Pass	500k	33M	45.517M	33.78M	73.163M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.12M	75.922M	80.88M	75.802M
5775MHz	Pass	500k	75.48M	76.522M	72M	85.517M

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-BF_Nss1,(6Mbps)_2TX EBW

5180MHz

07/05/2020

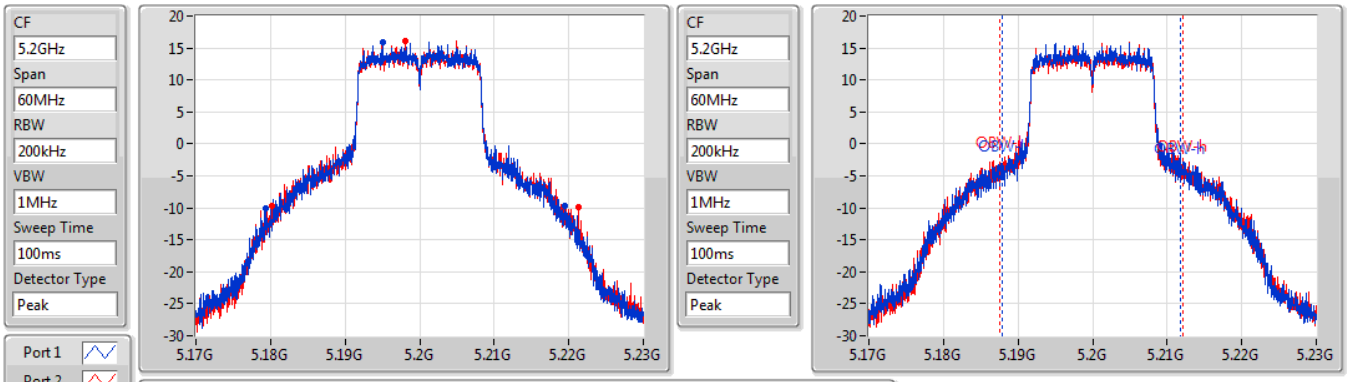


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.52M	5.1698G	5.19032G	16.462M	5.171754G	5.188216G	Inf	1
20.61M	5.16971G	5.19032G	16.462M	5.171754G	5.188216G	Inf	2

802.11a-BF_Nss1,(6Mbps)_2TX EBW

5200MHz

07/05/2020

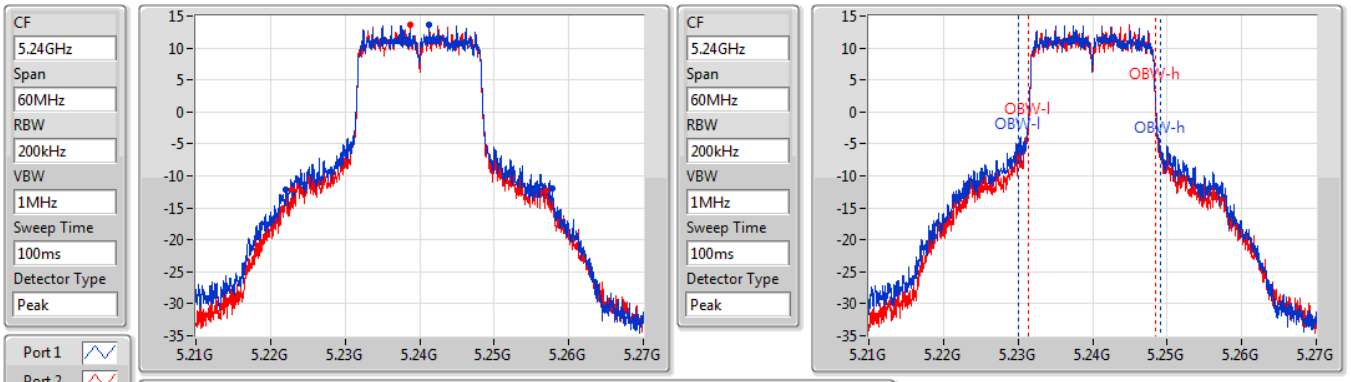


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.11M	5.17933G	5.21944G	23.838M	5.187916G	5.211754G	Inf	1
41.01M	5.18026G	5.22127G	24.588M	5.187556G	5.212144G	Inf	2

802.11a-BF_Nss1,(6Mbps)_2TX EBW

5240MHz

28/04/2020

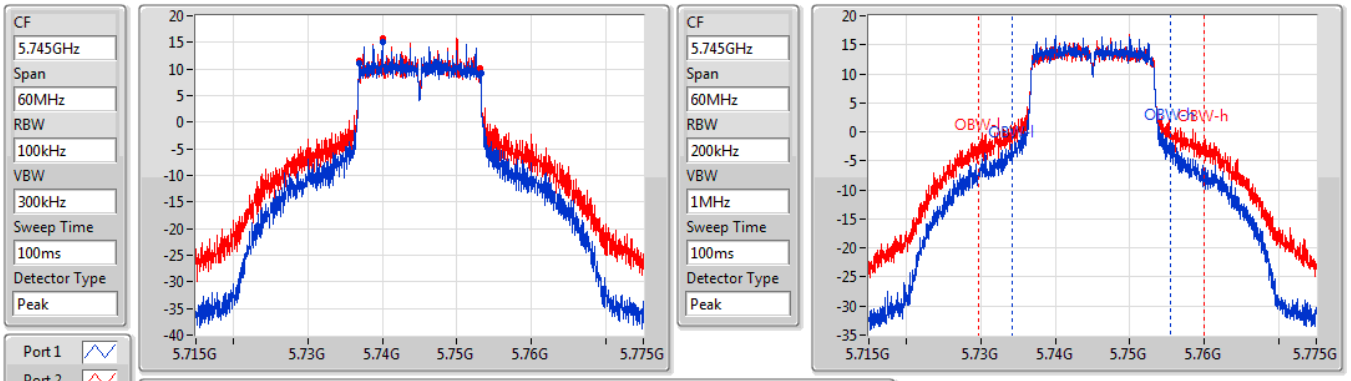


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.82M	5.222G	5.25782G	18.921M	5.230105G	5.249025G	Inf	1
34.05M	5.22284G	5.25689G	17.061M	5.231364G	5.248426G	Inf	2

802.11a-BF_Nss1,(6Mbps)_2TX EBW

5745MHz

07/05/2020

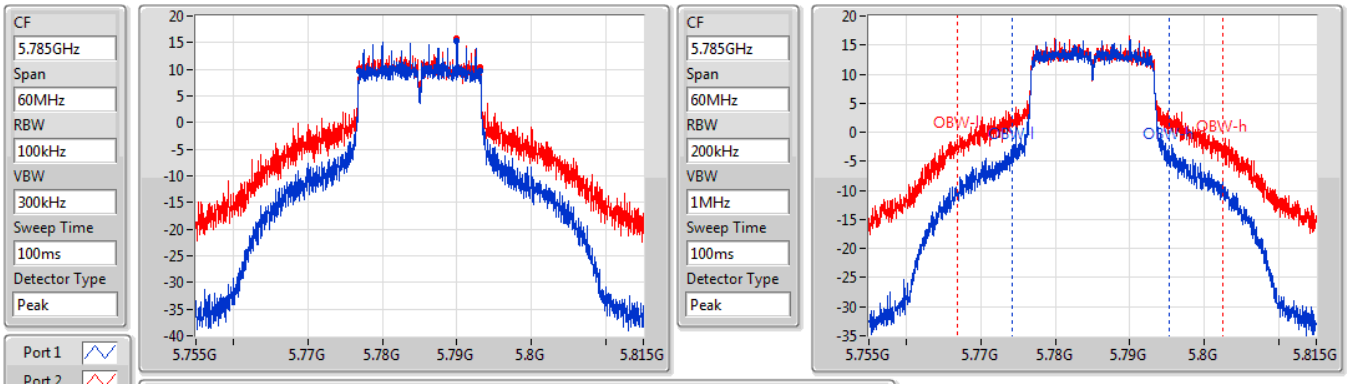


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.73687G	5.75319G	21.199M	5.734175G	5.755375G	500k	1
16.29M	5.73687G	5.75316G	30.255M	5.729768G	5.760022G	500k	2

802.11a-BF_Nss1,(6Mbps)_2TX EBW

5785MHz

07/05/2020

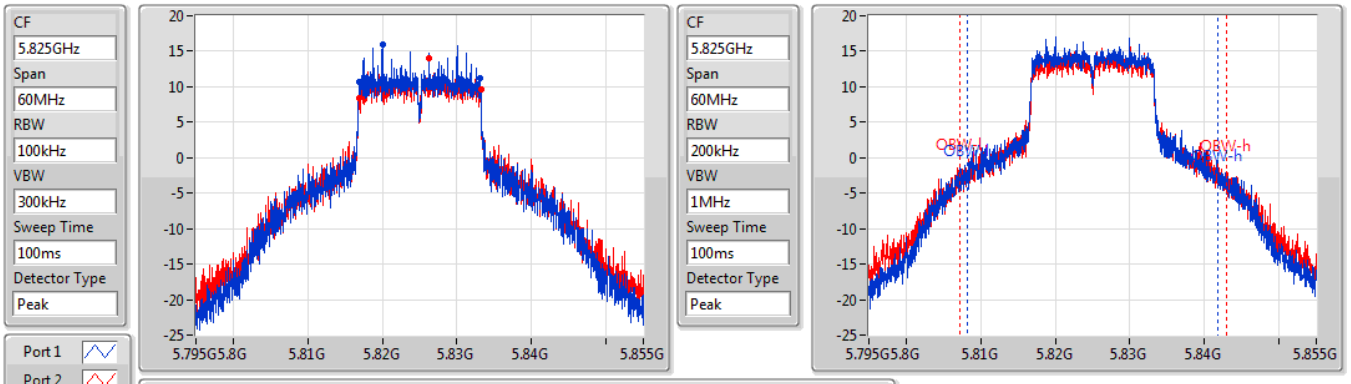


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.77684G	5.79316G	21.109M	5.774175G	5.795285G	500k	1
16.29M	5.77687G	5.79316G	35.652M	5.766799G	5.802451G	500k	2

802.11a-BF_Nss1,(6Mbps)_2TX EBW

5825MHz

07/05/2020

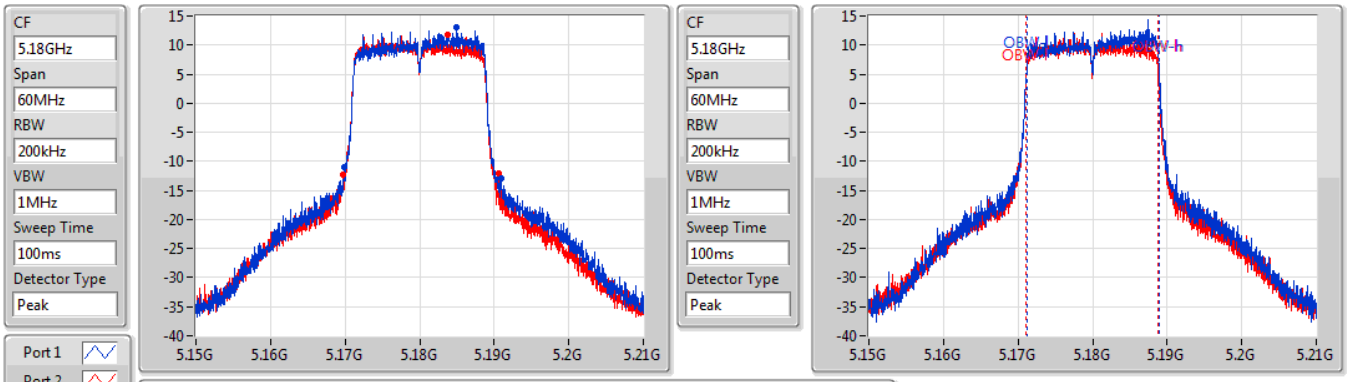


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.81687G	5.83316G	33.553M	5.808238G	5.841792G	500k	1
16.35M	5.81684G	5.83319G	35.772M	5.807159G	5.842931G	500k	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

5180MHz

08/05/2020

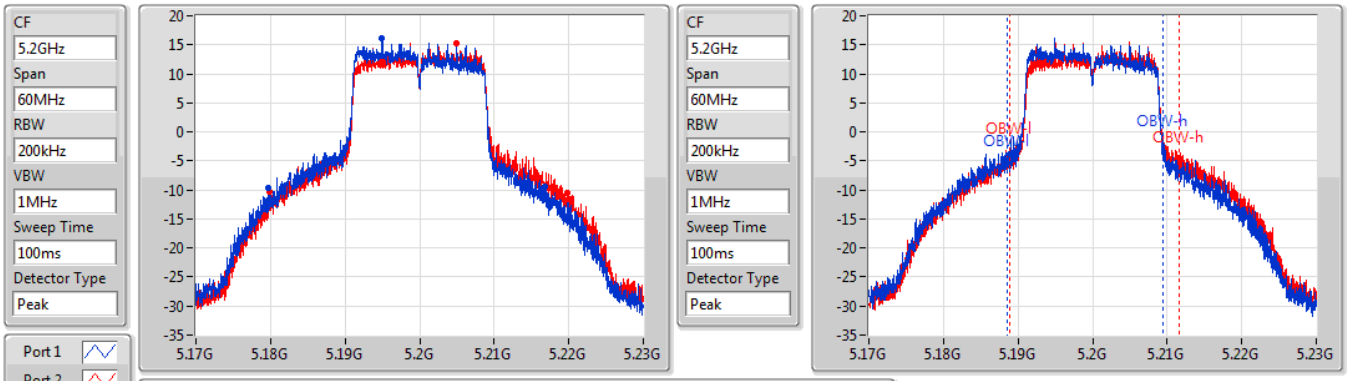


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.03M	5.16986G	5.19089G	17.751M	5.171154G	5.188906G	Inf	1
20.91M	5.16968G	5.19059G	17.691M	5.171124G	5.188816G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

5200MHz

08/05/2020

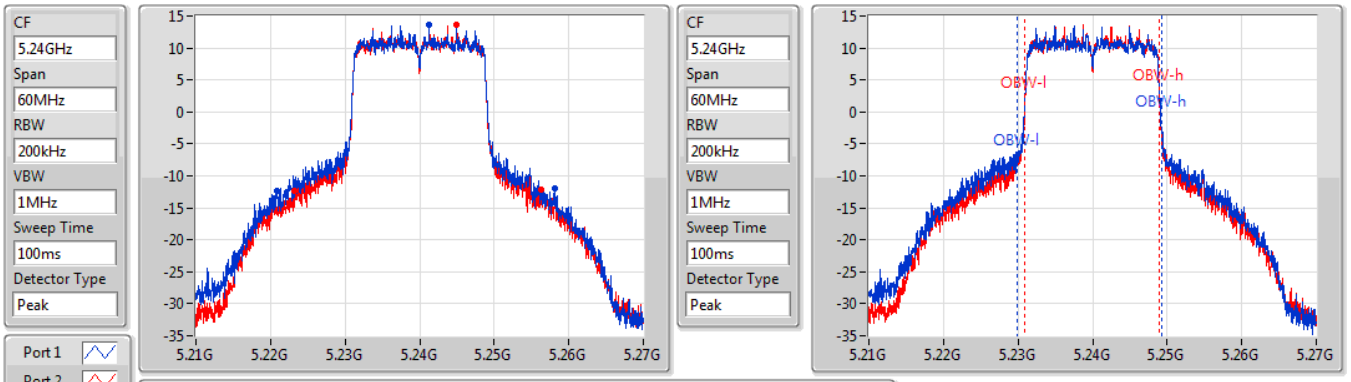


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.11M	5.17975G	5.21686G	20.87M	5.188546G	5.209415G	Inf	1
39.9M	5.17987G	5.21977G	22.669M	5.188936G	5.211604G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

5240MHz

28/04/2020

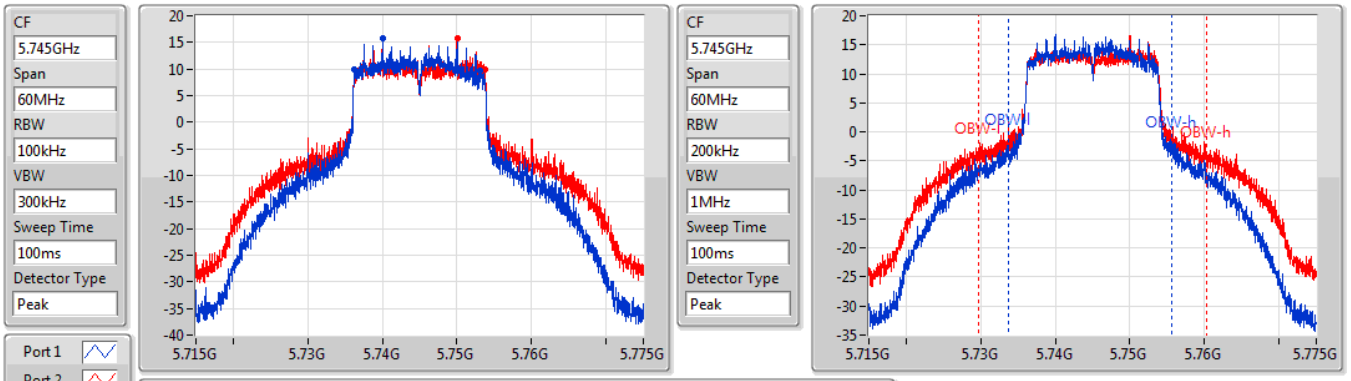


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.32M	5.22083G	5.25815G	19.4M	5.229865G	5.249265G	Inf	1
33.09M	5.22314G	5.25623G	18.081M	5.230915G	5.248996G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

5745MHz

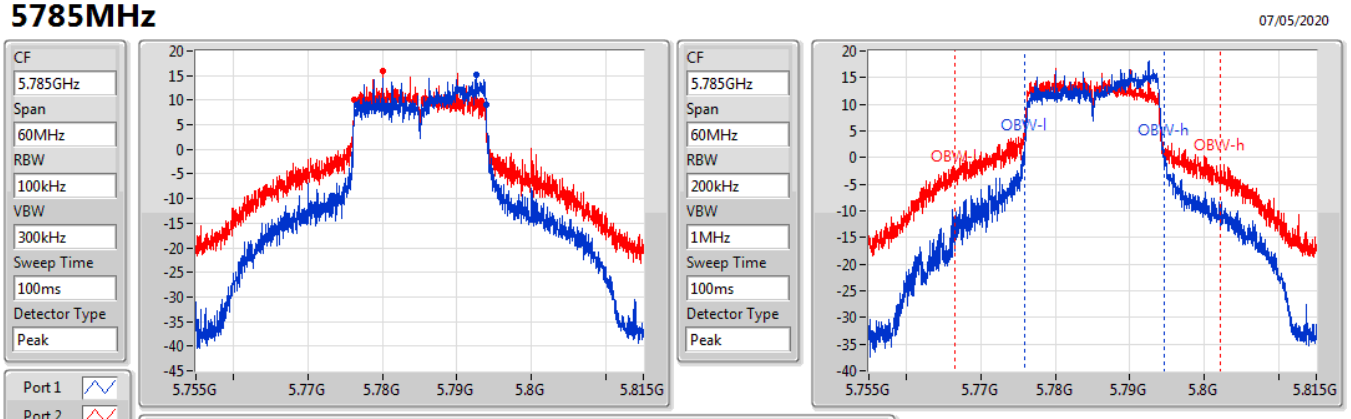
07/05/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.8M	5.73624G	5.75304G	21.829M	5.733756G	5.755585G	500k	1
17.52M	5.73627G	5.75379G	30.645M	5.729708G	5.760352G	500k	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

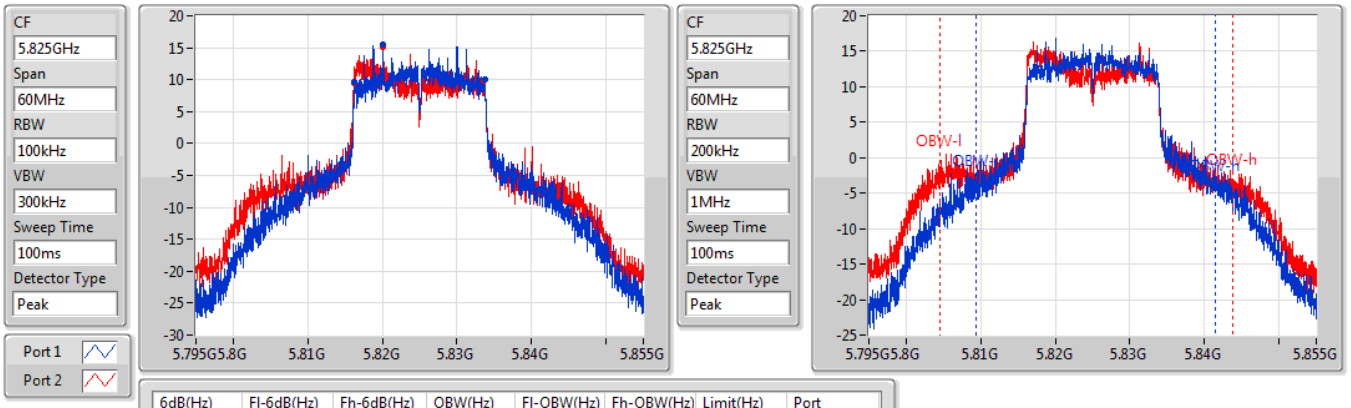
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.4M	5.77654G	5.79394G	18.771M	5.775885G	5.794655G	500k	1
17.07M	5.77627G	5.79334G	35.712M	5.766499G	5.802211G	500k	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

5825MHz

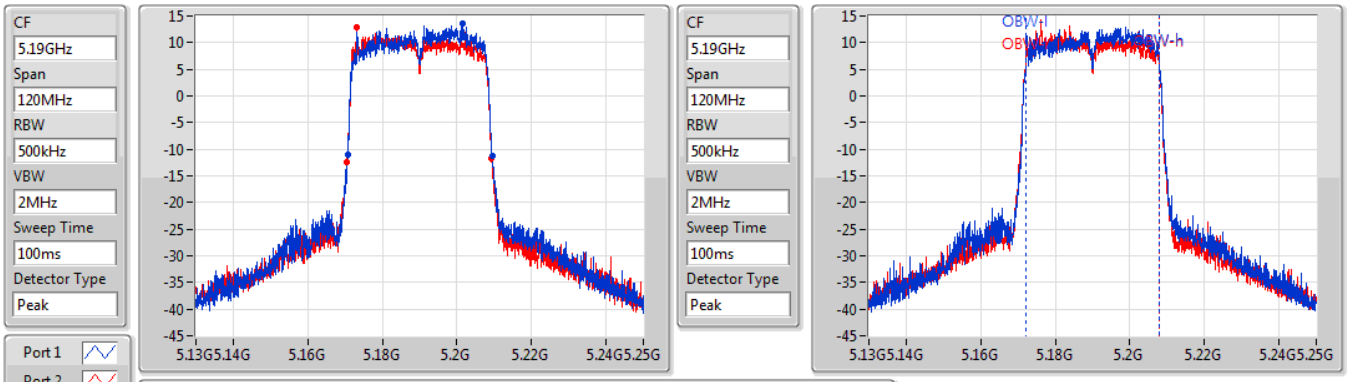


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.49M	5.8163G	5.83379G	31.994M	5.809408G	5.841402G	500k	1
17.52M	5.81615G	5.83367G	39.37M	5.80449G	5.843861G	500k	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX EBW

5190MHz

08/05/2020

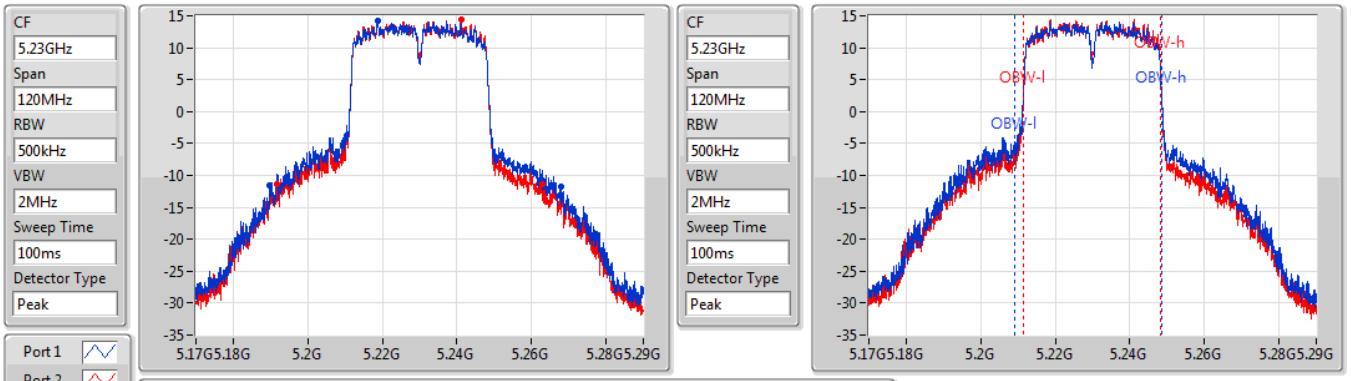


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.88M	5.17062G	5.2095G	35.802M	5.172129G	5.207931G	Inf	1
38.88M	5.1705G	5.20938G	35.862M	5.172009G	5.207871G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX EBW

5230MHz

28/04/2020

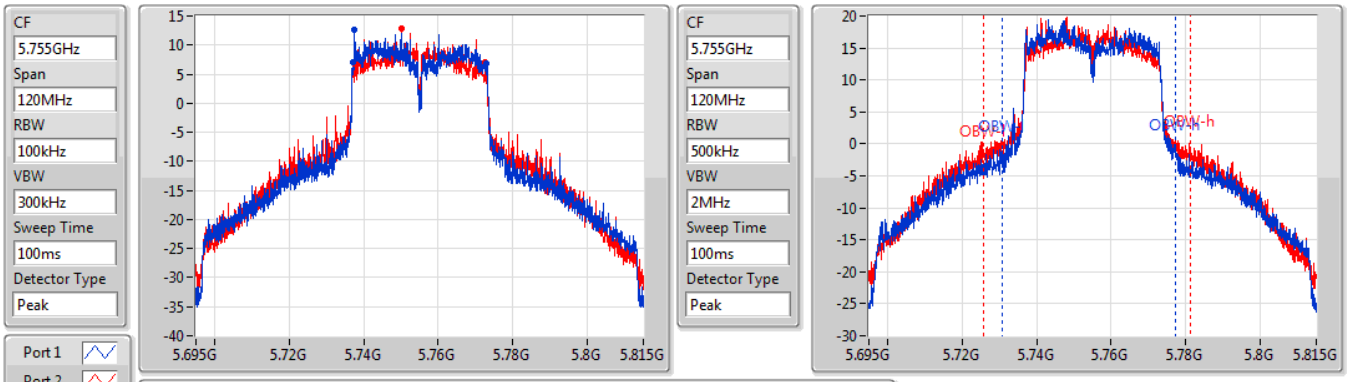


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
78.06M	5.18986G	5.26792G	39.58M	5.20907G	5.248651G	Inf	1
71.1M	5.19172G	5.26282G	36.822M	5.211409G	5.248231G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX EBW

5755MHz

07/05/2020

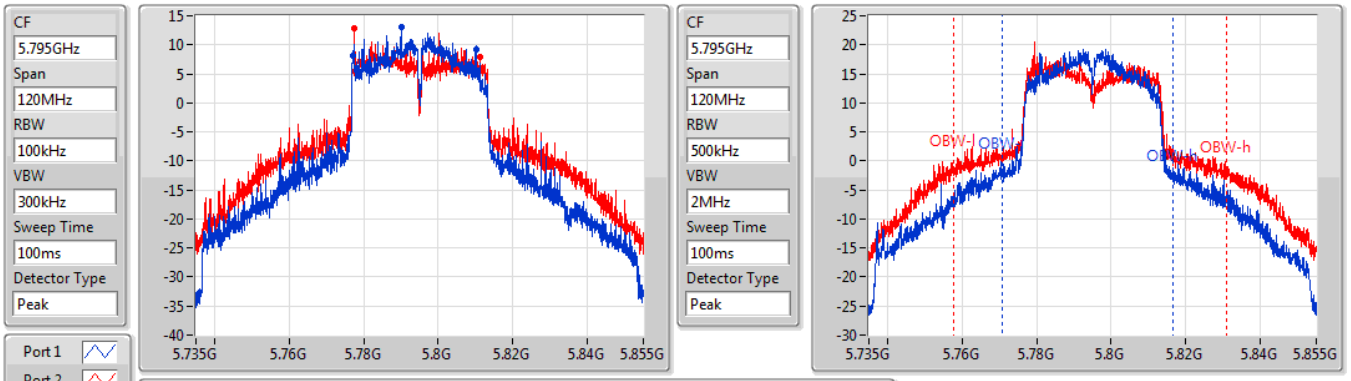


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.7M	5.73718G	5.77288G	46.537M	5.730652G	5.777189G	500k	1
34.92M	5.7376G	5.77252G	55.292M	5.725915G	5.781207G	500k	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX EBW

5795MHz

07/05/2020

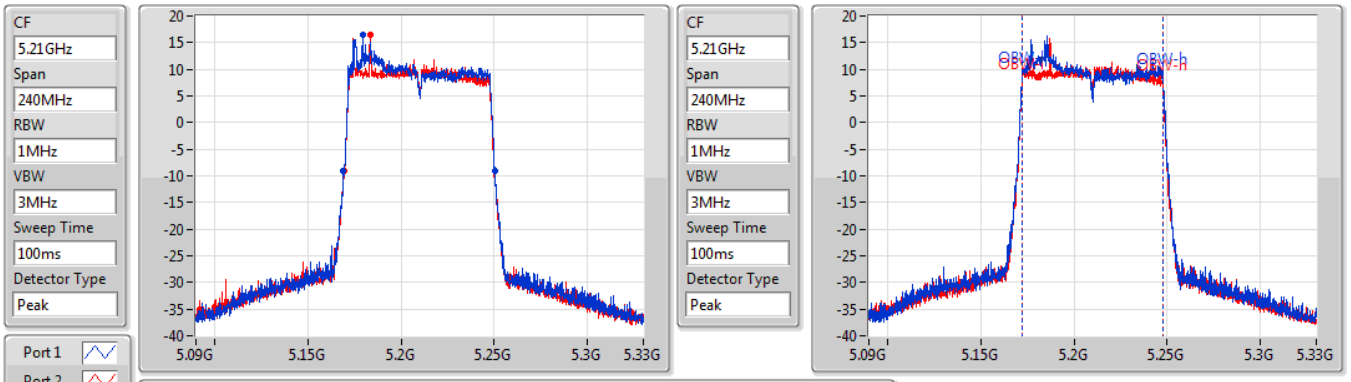


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33M	5.77712G	5.81012G	45.517M	5.770892G	5.816409G	500k	1
33.78M	5.77754G	5.81132G	73.163M	5.757699G	5.830862G	500k	2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX EBW

5210MHz

08/05/2020

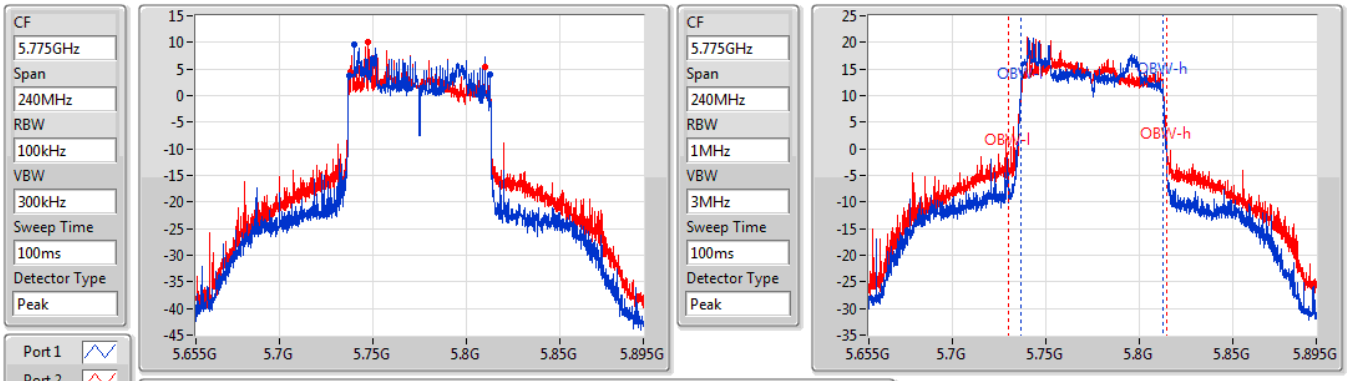


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.12M	5.1692G	5.25032G	75.922M	5.171979G	5.247901G	Inf	1
80.88M	5.16932G	5.2502G	75.802M	5.171979G	5.247781G	Inf	2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX EBW

5775MHz

07/05/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.48M	5.73708G	5.81256G	76.522M	5.736259G	5.812781G	500k	1
72M	5.73804G	5.81004G	85.517M	5.729543G	5.81506G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a-BF_Nss1,(6Mbps)_2TX	28.34	0.68234
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	28.15	0.65313
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	26.85	0.48417
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	21.96	0.15704
5.725-5.85GHz	-	-
802.11a-BF_Nss1,(6Mbps)_2TX	28.35	0.68391
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	28.41	0.69343
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	28.23	0.66527
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	26.15	0.41210

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a-BF_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.21	21.94	21.72	24.84	29.79
5200MHz	Pass	6.21	25.37	25.28	28.34	29.79
5240MHz	Pass	6.21	24.25	24.07	27.17	29.79
5745MHz	Pass	6.11	25.43	25.25	28.35	29.89
5785MHz	Pass	6.11	25.35	25.18	28.28	29.89
5825MHz	Pass	6.11	25.12	24.75	27.95	29.89
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.21	22.56	22.31	25.45	29.79
5200MHz	Pass	6.21	25.23	25.04	28.15	29.79
5240MHz	Pass	6.21	24.09	24.02	27.07	29.79
5745MHz	Pass	6.11	25.52	25.28	28.41	29.89
5785MHz	Pass	6.11	25.16	25.34	28.26	29.89
5825MHz	Pass	6.11	25.09	24.71	27.91	29.89
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.21	20.06	20.02	23.05	29.79
5230MHz	Pass	6.21	23.94	23.73	26.85	29.79
5755MHz	Pass	6.11	25.17	25.26	28.23	29.89
5795MHz	Pass	6.11	25.29	24.84	28.08	29.89
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.21	19.03	18.87	21.96	29.79
5775MHz	Pass	6.11	23.07	23.21	26.15	29.89

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a-BF_Nss1,(6Mbps)_2TX	15.74
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	15.16
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	11.24
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.38
5.725-5.85GHz	-
802.11a-BF_Nss1,(6Mbps)_2TX	14.18
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	14.04
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	12.17
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	6.25

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

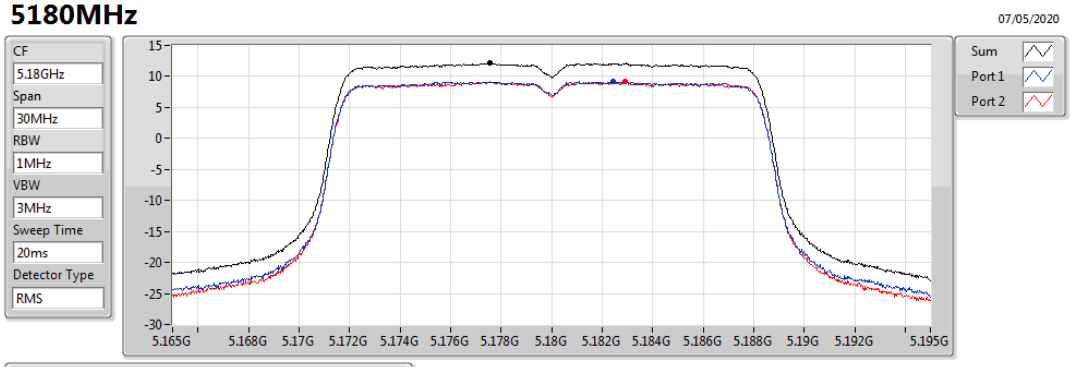
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a-BF_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.21	9.18	9.17	12.12	16.79
5200MHz	Pass	6.21	12.86	12.69	15.74	16.79
5240MHz	Pass	6.21	11.35	11.38	14.32	16.79
5745MHz	Pass	6.11	11.33	11.16	14.18	29.89
5785MHz	Pass	6.11	10.87	11.01	13.95	29.89
5825MHz	Pass	6.11	11.11	10.52	13.79	29.89
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.21	9.95	9.28	12.45	16.79
5200MHz	Pass	6.21	13.07	12.25	15.16	16.79
5240MHz	Pass	6.21	12.83	11.12	14.63	16.79
5745MHz	Pass	6.11	12.12	10.86	14.04	29.89
5785MHz	Pass	6.11	12.34	11.14	13.67	29.89
5825MHz	Pass	6.11	11.22	11.24	13.38	29.89
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.21	5.21	4.26	7.49	16.79
5230MHz	Pass	6.21	9.35	8.22	11.24	16.79
5755MHz	Pass	6.11	10.05	9.29	12.17	29.89
5795MHz	Pass	6.11	10.32	8.18	11.55	29.89
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.21	1.40	-0.37	3.38	16.79
5775MHz	Pass	6.11	4.85	3.70	6.25	29.89

DG = Directional Gain; **RBW** = 500 kHz 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-BF_Nss1,(6Mbps)_2TX PSD

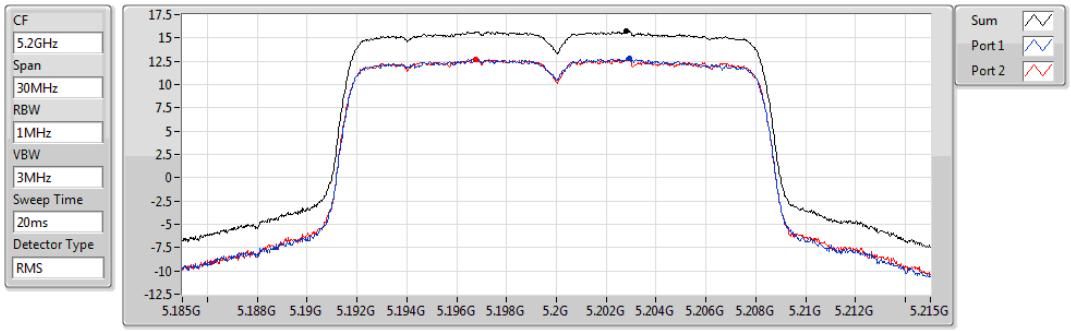
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.12	12.12	9.18	9.17

802.11a-BF_Nss1,(6Mbps)_2TX PSD

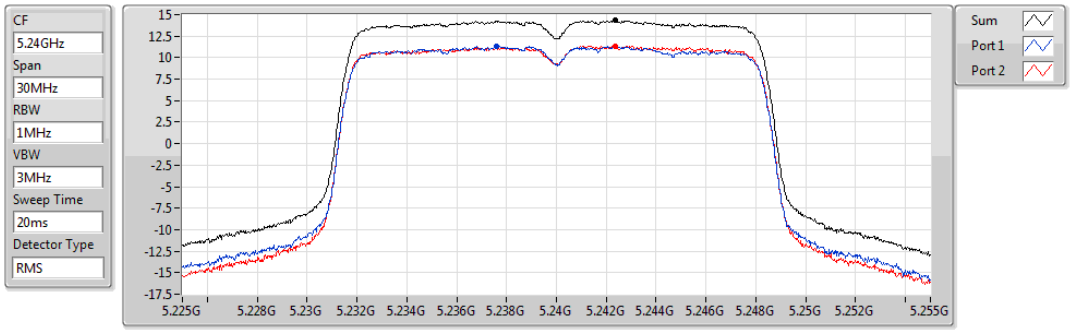
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.74	15.74	12.86	12.69

802.11a-BF_Nss1,(6Mbps)_2TX PSD

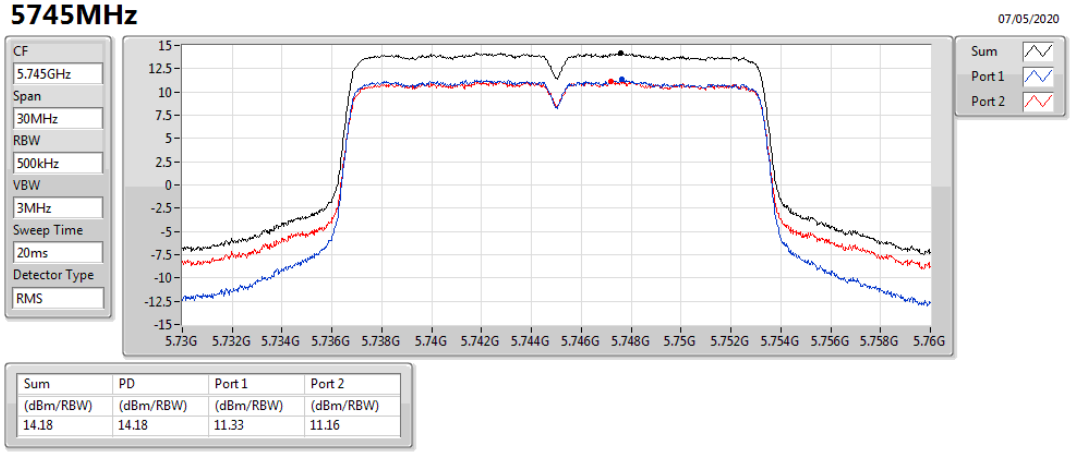
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.32	14.32	11.35	11.38

802.11a-BF_Nss1,(6Mbps)_2TX **PSD**

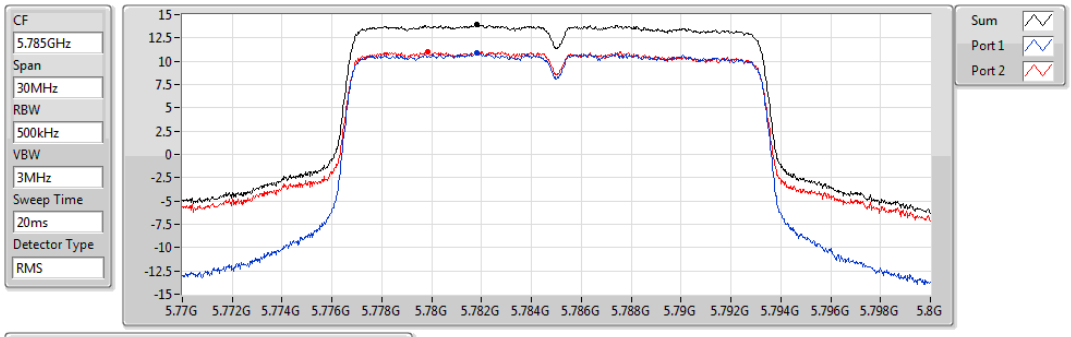
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.18	14.18	11.33	11.16

802.11a-BF_Nss1,(6Mbps)_2TX **PSD**

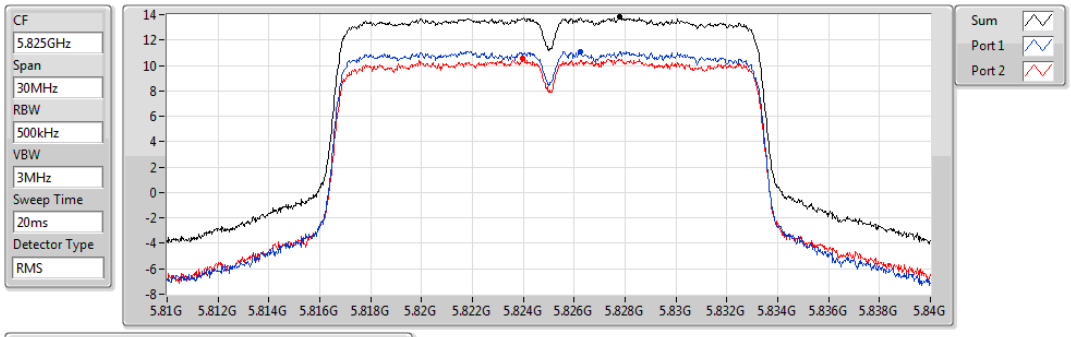
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.95	13.95	10.87	11.01

802.11a-BF_Nss1,(6Mbps)_2TX **PSD**

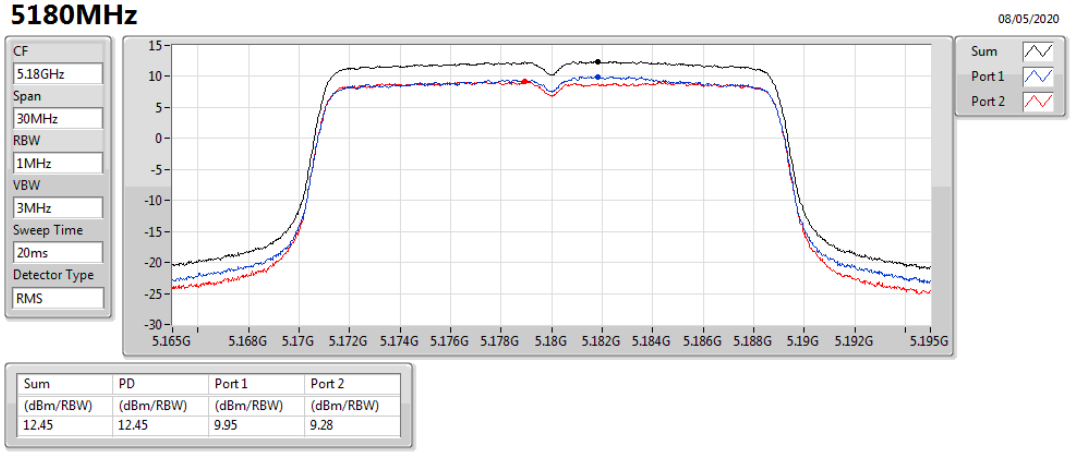
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.79	13.79	11.11	10.52

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **PSD**

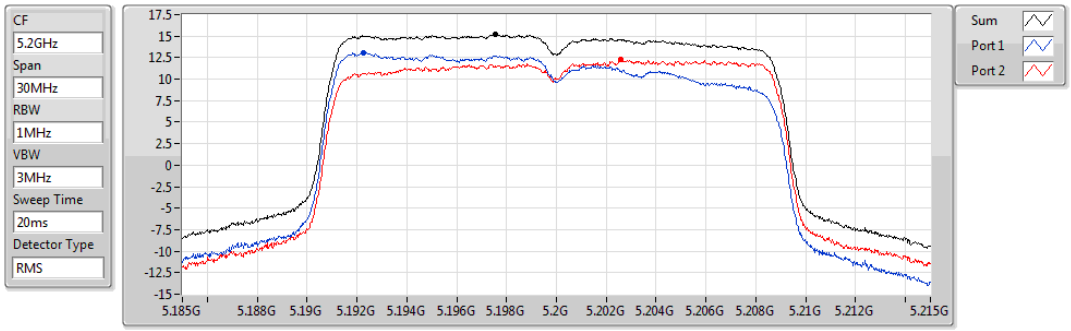
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.45	12.45	9.95	9.28

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **PSD**

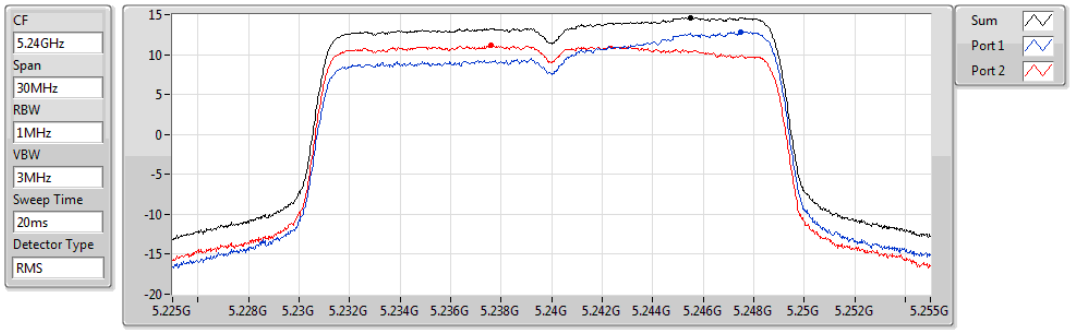
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.16	15.16	13.07	12.25

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **PSD**

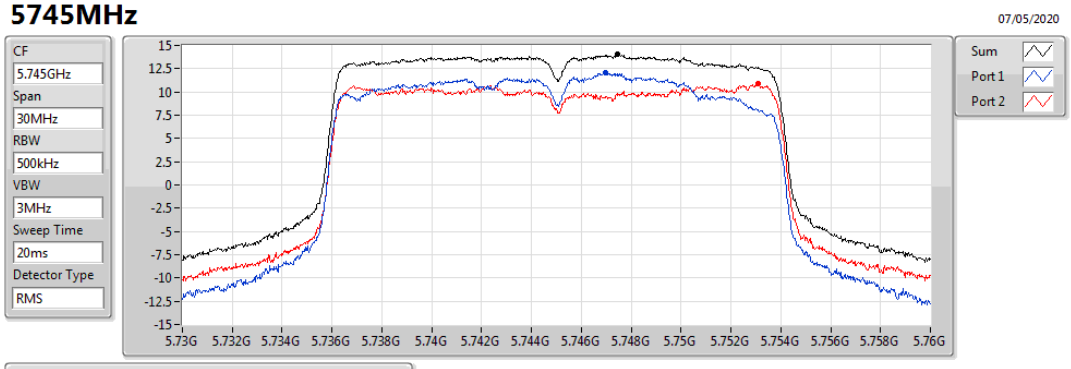
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.63	14.63	12.83	11.12

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **PSD**

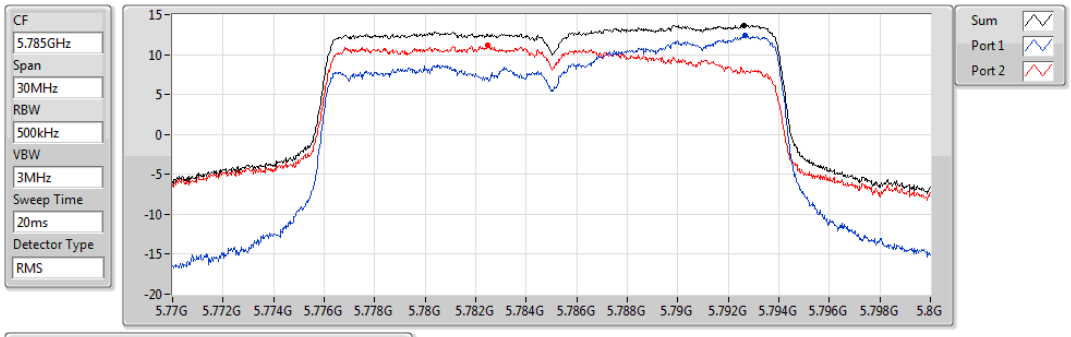
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.04	14.04	12.12	10.86

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **PSD**

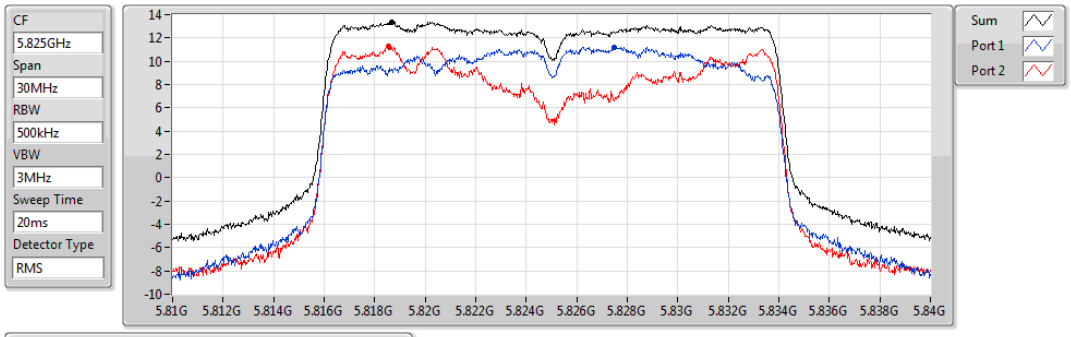
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.67	13.67	12.34	11.14

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **PSD**

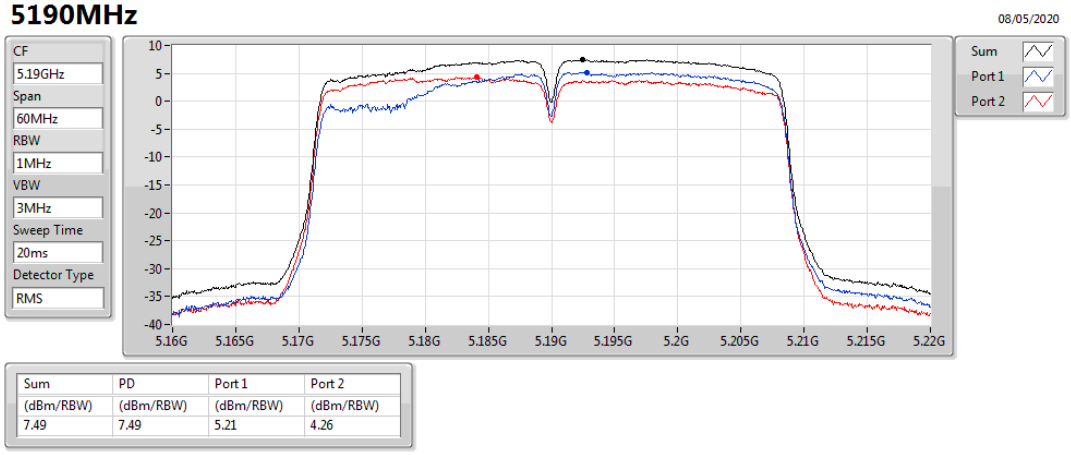
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.38	13.38	11.22	11.24

802.11ac VHT40-BF_Nss1,(MCS0)_2TX **PSD**

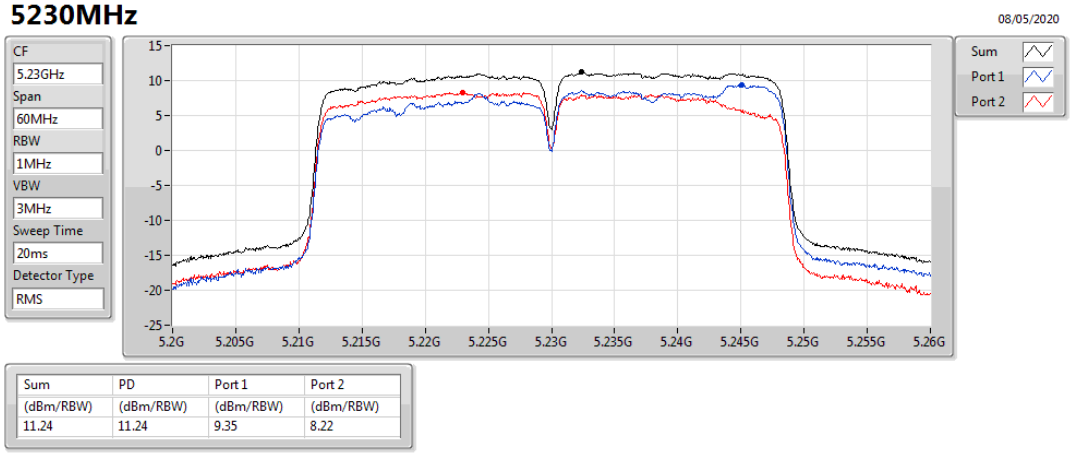
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.49	7.49	5.21	4.26

802.11ac VHT40-BF_Nss1,(MCS0)_2TX **PSD**

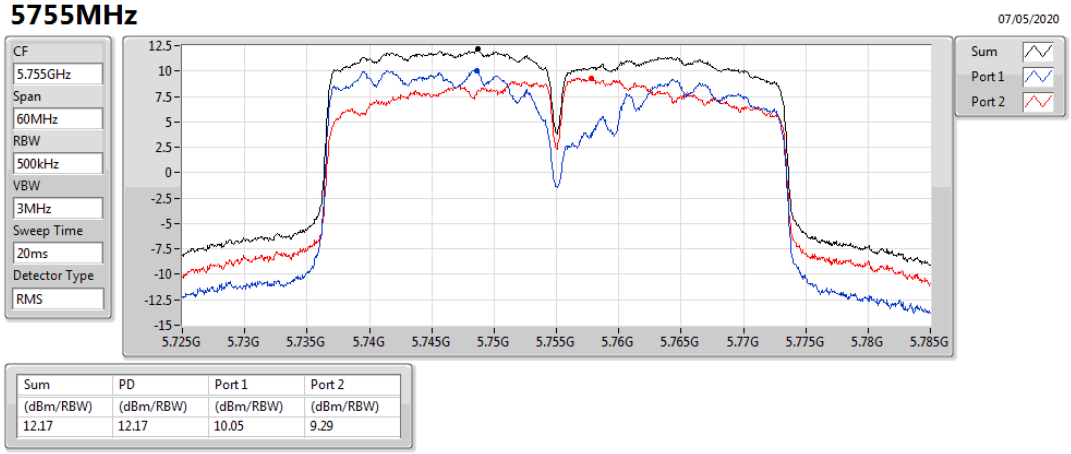
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.24	11.24	9.35	8.22

802.11ac VHT40-BF_Nss1,(MCS0)_2TX **PSD**

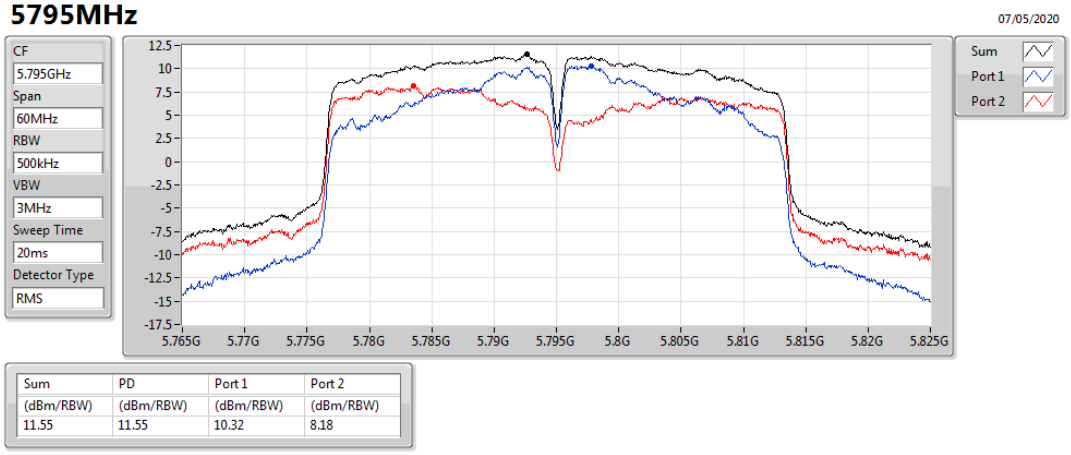
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.17	12.17	10.05	9.29

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

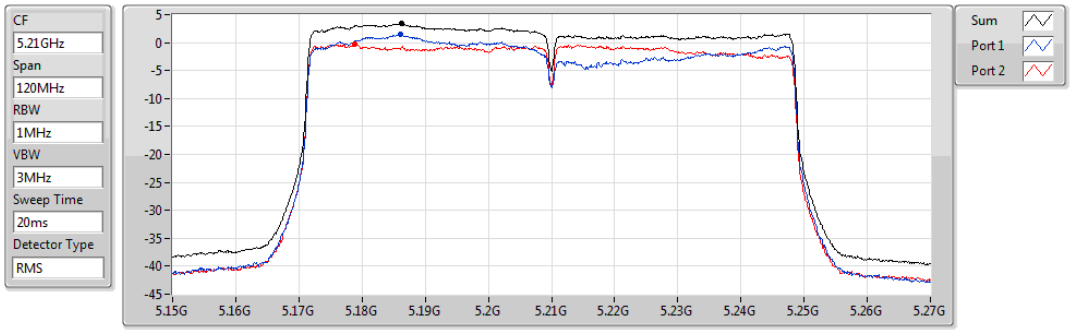
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.55	11.55	10.32	8.18

802.11ac VHT80-BF_Nss1,(MCS0)_2TX PSD

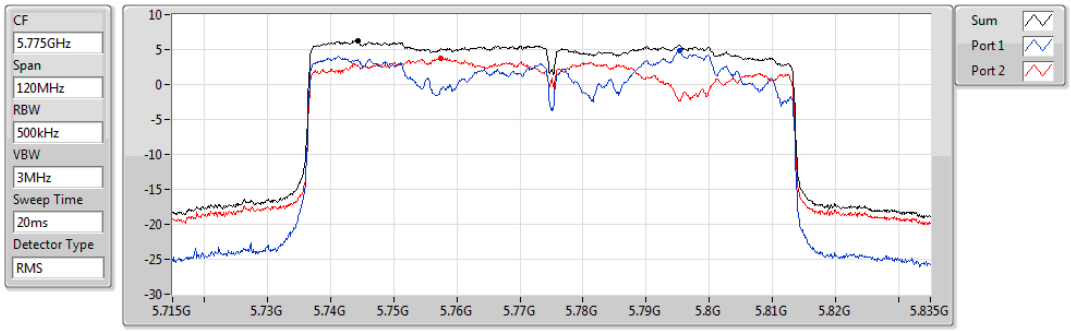
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.38	3.38	1.40	-0.37

802.11ac VHT80-BF_Nss1,(MCS0)_2TX PSD

5775MHz

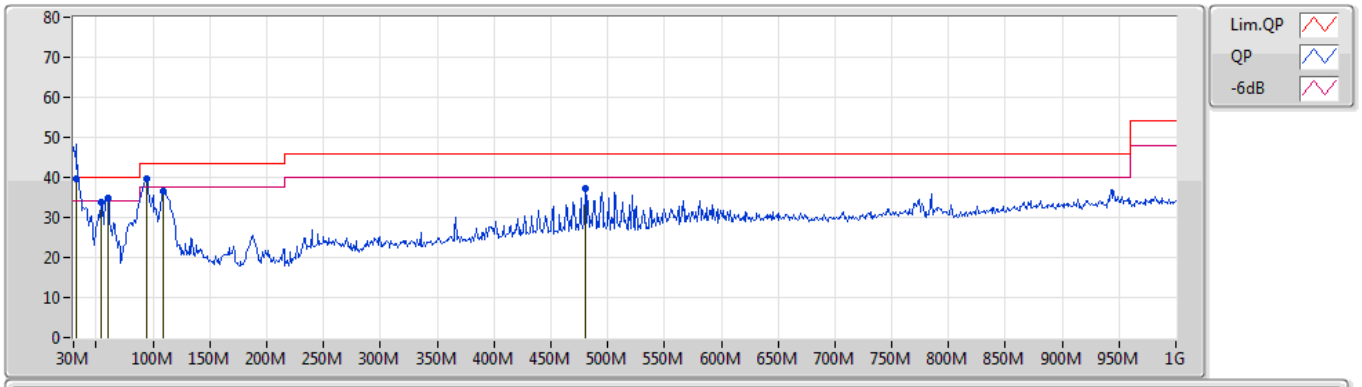


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.25	6.25	4.85	3.70

Summary

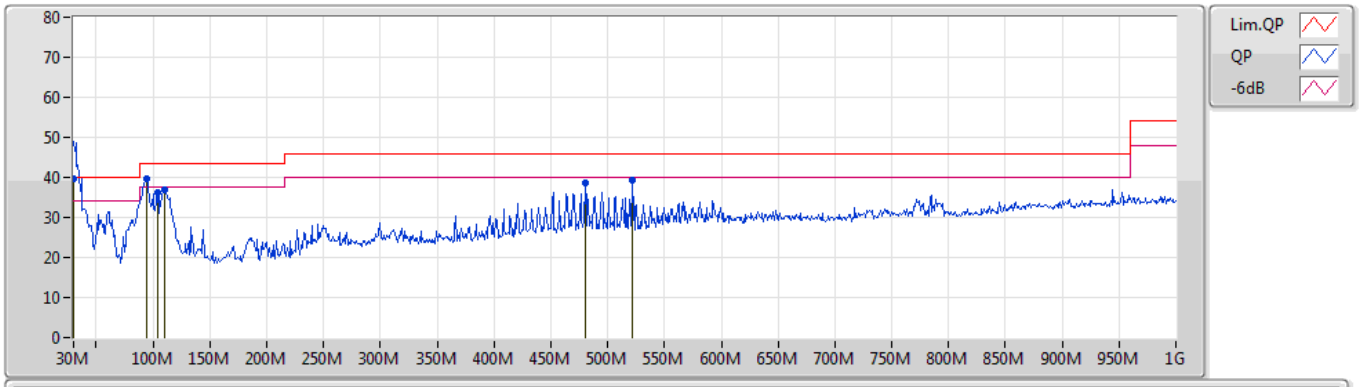
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 6	Pass	QP	30M	39.75	40.00	-0.25	Horizontal

14/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	31.94M	39.52	40.00	-0.48	-7.46	3	Vertical	323	2.00	"Worst"	46.98	23.40	1.54	32.40
PK	54.25M	33.89	40.00	-6.11	-18.38	3	Vertical	348	3.00	-	52.27	12.80	1.48	32.66
PK	60.07M	34.74	40.00	-5.26	-18.69	3	Vertical	254	1.00	-	53.43	12.23	1.60	32.52
PK	94.02M	39.61	43.50	-3.89	-14.81	3	Vertical	201	4.00	-	54.42	15.52	2.00	32.33
PK	108.57M	36.65	43.50	-6.85	-12.85	3	Vertical	354	1.00	-	49.50	17.41	2.19	32.45
PK	480.08M	37.25	46.00	-8.75	-4.40	3	Vertical	284	1.25	-	41.65	23.28	4.48	32.16

14/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	30M	39.75	40.00	-0.25	-6.64	3	Horizontal	88	3.00	"Worst"	46.39	24.21	1.50	32.35
PK	94.02M	39.67	43.50	-3.83	-14.81	3	Horizontal	45	4.00	-	54.48	15.52	2.00	32.33
PK	103.72M	36.31	43.50	-7.19	-13.28	3	Horizontal	98	2.00	-	49.59	16.98	2.14	32.40
PK	110.51M	36.90	43.50	-6.60	-12.71	3	Horizontal	245	1.25	-	49.61	17.56	2.21	32.48
PK	480.08M	38.63	46.00	-7.37	-4.40	3	Horizontal	162	1.25	-	43.03	23.28	4.48	32.16
PK	521.79M	39.48	46.00	-6.52	-4.19	3	Horizontal	293	4.00	-	43.67	23.41	4.73	32.33

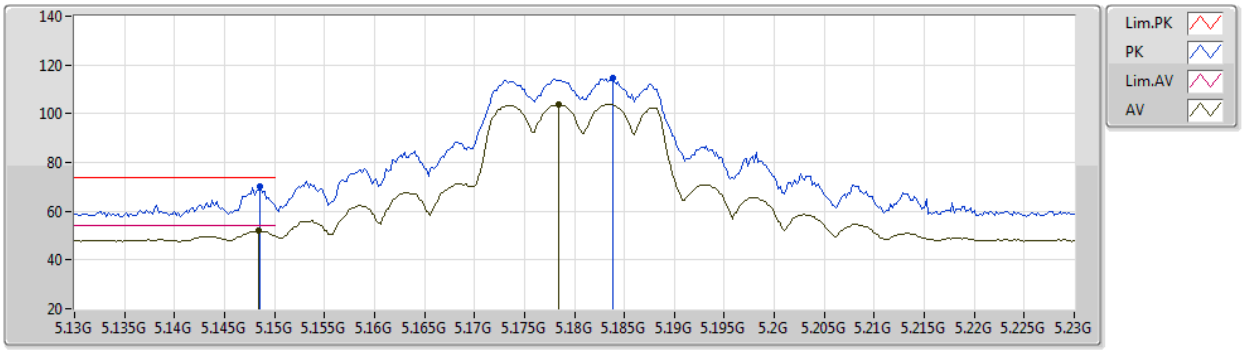
For 5GHz Band 1:
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	Pass	AV	5.15G	53.92	54.00	-0.08	3	Horizontal	260	1.11	-

802.11a-BF_Nss1,(6Mbps)_2TX

5180MHz_TX

13/04/2020



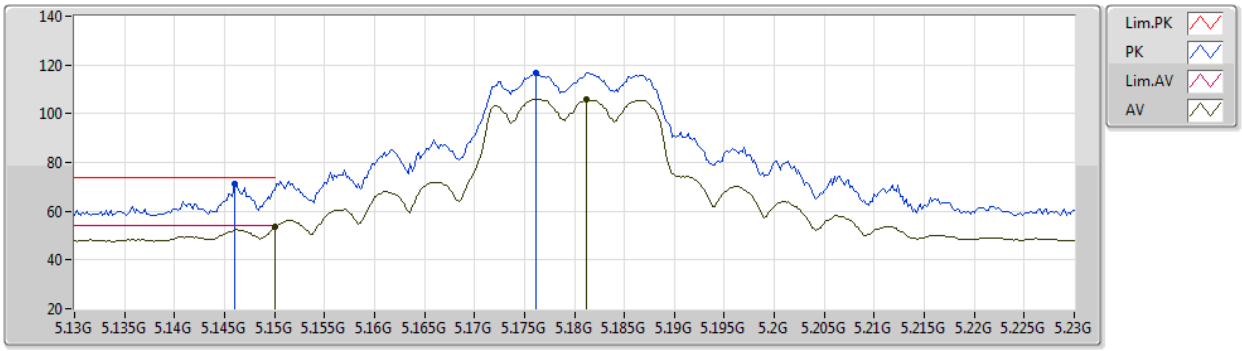
EUT Z_2TX
Setting 21.5
02-D-J-7-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1486G	69.98	74.00	-4.02	59.69	3	Vertical	231	2.28	-	34.70	5.97	30.38
AV	5.1484G	52.07	54.00	-1.93	41.78	3	Vertical	231	2.28	-	34.70	5.97	30.38
PK	5.1838G	114.65	Inf	-Inf	104.36	3	Vertical	231	2.28	-	34.70	5.99	30.40
AV	5.1784G	103.69	Inf	-Inf	93.39	3	Vertical	231	2.28	-	34.70	5.99	30.39

802.11a-BF_Nss1,(6Mbps)_2TX

5180MHz_TX

13/04/2020



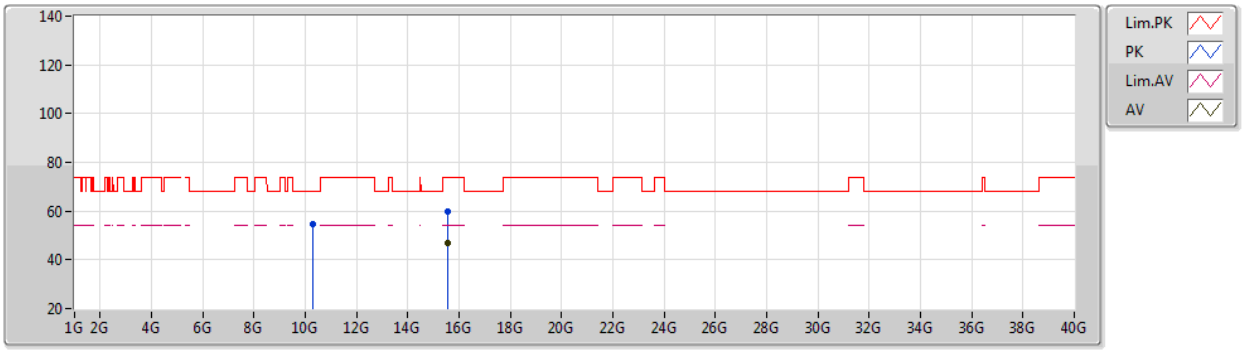
EUT Z_2TX
Setting 21.5
02-D-J-7-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.146G	71.28	74.00	-2.72	60.99	3	Horizontal	231	2.83	-	34.70	5.97	30.38
AV	5.15G	53.43	54.00	-0.57	43.14	3	Horizontal	231	2.83	-	34.70	5.97	30.38
PK	5.1762G	116.62	Inf	-Inf	106.32	3	Horizontal	231	2.83	-	34.70	5.99	30.39
AV	5.1812G	105.87	Inf	-Inf	95.57	3	Horizontal	231	2.83	-	34.70	5.99	30.39

802.11a-BF_Nss1,(6Mbps)_2TX

13/04/2020

5180MHz_TX



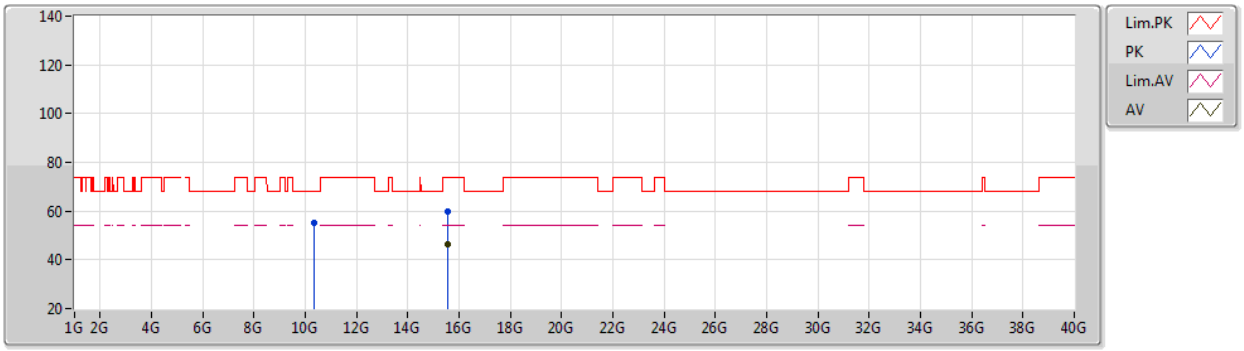
EUT Z_2TX
Setting 21.5
02-D-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3132G	54.66	68.20	-13.54	37.92	3	Vertical	360	2.80	-	39.74	8.50	31.50
PK	15.5572G	59.97	74.00	-14.03	39.39	3	Vertical	360	1.80	-	43.31	9.25	31.98
AV	15.5674G	46.83	54.00	-7.17	26.25	3	Vertical	360	1.80	-	43.30	9.26	31.98

802.11a-BF_Nss1,(6Mbps)_2TX

5180MHz_TX

13/04/2020



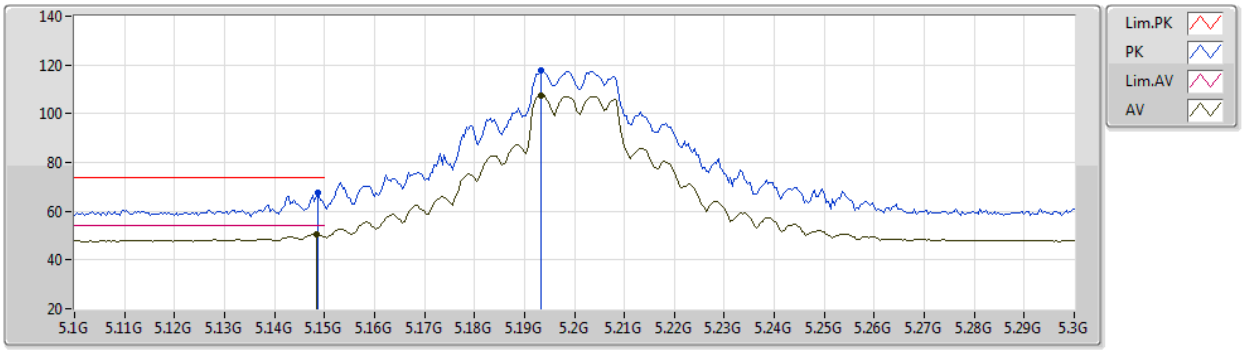
EUT Z_2TX
Setting 21.5
02-D-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.36366G	55.08	68.20	-13.12	38.25	3	Horizontal	88	2.26	-	39.81	8.51	31.49
PK	15.53858G	59.88	74.00	-14.12	39.29	3	Horizontal	337	1.80	-	43.32	9.25	31.98
AV	15.54468G	46.28	54.00	-7.72	25.69	3	Horizontal	337	1.80	-	43.32	9.25	31.98

802.11a-BF_Nss1,(6Mbps)_2TX

5200MHz_TX

13/04/2020



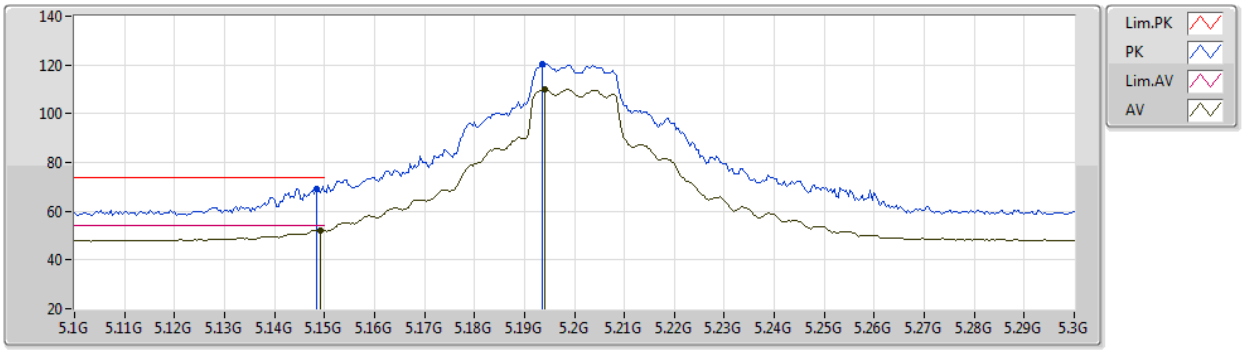
EUT Z_2TX
Setting 25.5
02-B-J-7-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1488G	67.46	74.00	-6.54	57.17	3	Vertical	112	2.56	-	34.70	5.97	30.38
AV	5.1484G	50.62	54.00	-3.38	40.33	3	Vertical	112	2.56	-	34.70	5.97	30.38
PK	5.1932G	117.60	Inf	-Inf	107.30	3	Vertical	112	2.56	-	34.70	6.00	30.40
AV	5.1932G	107.33	Inf	-Inf	97.03	3	Vertical	112	2.56	-	34.70	6.00	30.40

802.11a-BF_Nss1,(6Mbps)_2TX

5200MHz_TX

13/04/2020



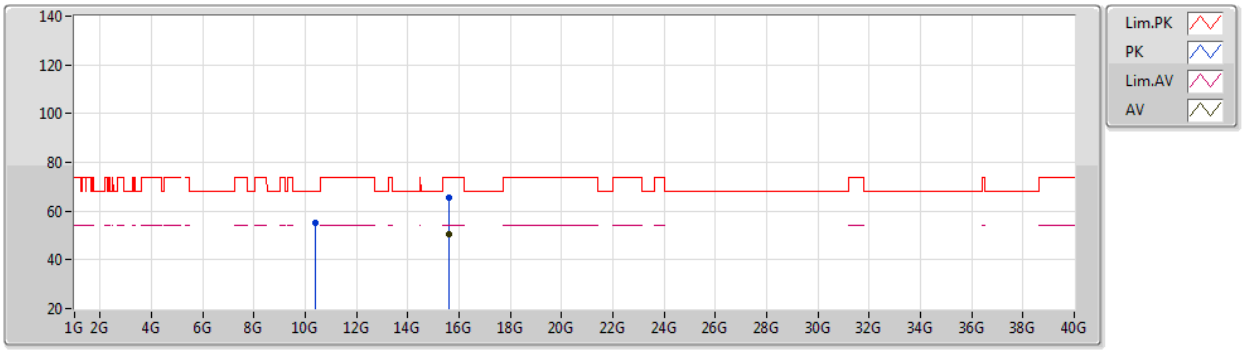
EUT Z_2TX
Setting 25.5
02-B-J-7-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1484G	69.26	74.00	-4.74	58.97	3	Horizontal	116	2.53	-	34.70	5.97	30.38
AV	5.1492G	52.07	54.00	-1.93	41.78	3	Horizontal	116	2.53	-	34.70	5.97	30.38
PK	5.1936G	120.30	Inf	-Inf	110.00	3	Horizontal	116	2.53	-	34.70	6.00	30.40
AV	5.194G	110.17	Inf	-Inf	99.87	3	Horizontal	116	2.53	-	34.70	6.00	30.40

802.11a-BF_Nss1,(6Mbps)_2TX

13/04/2020

5200MHz_TX



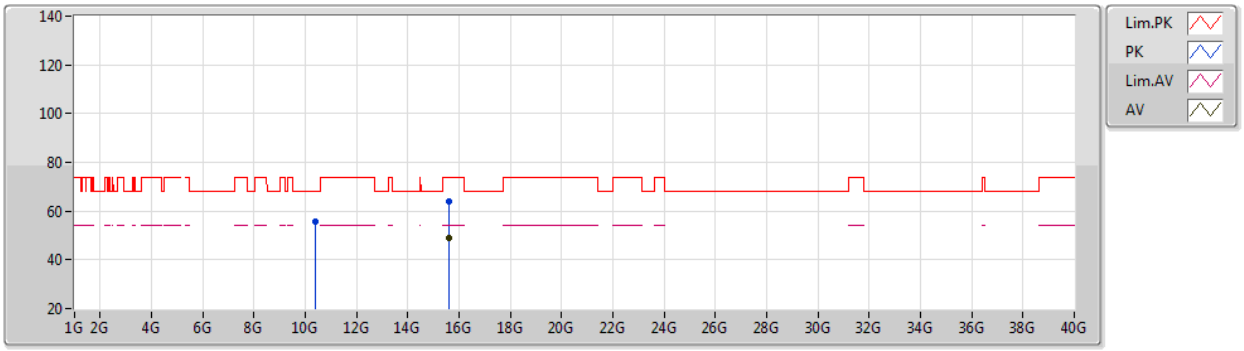
EUT Z_2TX
Setting 25.5
02-B-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40048G	55.37	68.20	-12.83	38.48	3	Vertical	206	1.54	-	39.86	8.52	31.49
PK	15.60142G	65.74	74.00	-8.26	45.18	3	Vertical	289	1.04	-	43.28	9.27	31.99
AV	15.60158G	50.63	54.00	-3.37	30.07	3	Vertical	289	1.04	-	43.28	9.27	31.99

802.11a-BF_Nss1,(6Mbps)_2TX

5200MHz_TX

13/04/2020



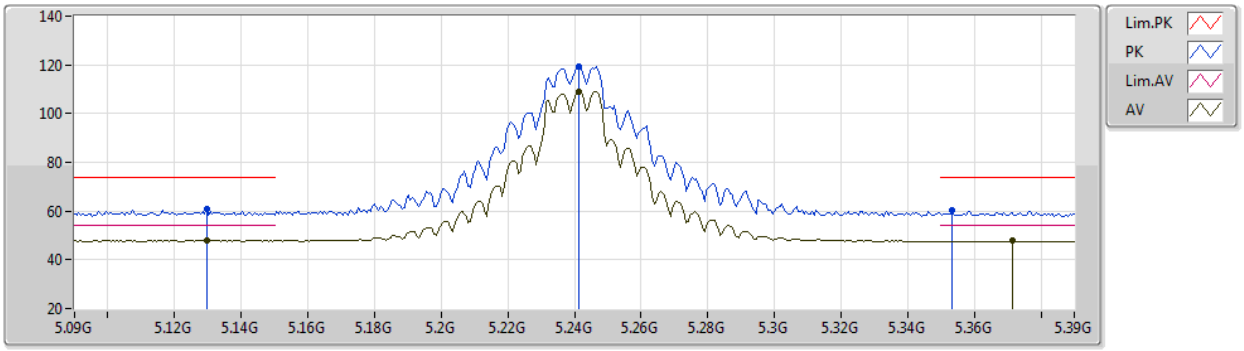
EUT Z_2TX
Setting 25.5
02-B-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40061G	55.78	68.20	-12.42	38.89	3	Horizontal	153	2.29	-	39.86	8.52	31.49
PK	15.60124G	63.81	74.00	-10.19	43.25	3	Horizontal	268	1.07	-	43.28	9.27	31.99
AV	15.60148G	49.20	54.00	-4.80	28.64	3	Horizontal	268	1.07	-	43.28	9.27	31.99

802.11a-BF_Nss1,(6Mbps)_2TX

5240MHz_TX

13/04/2020



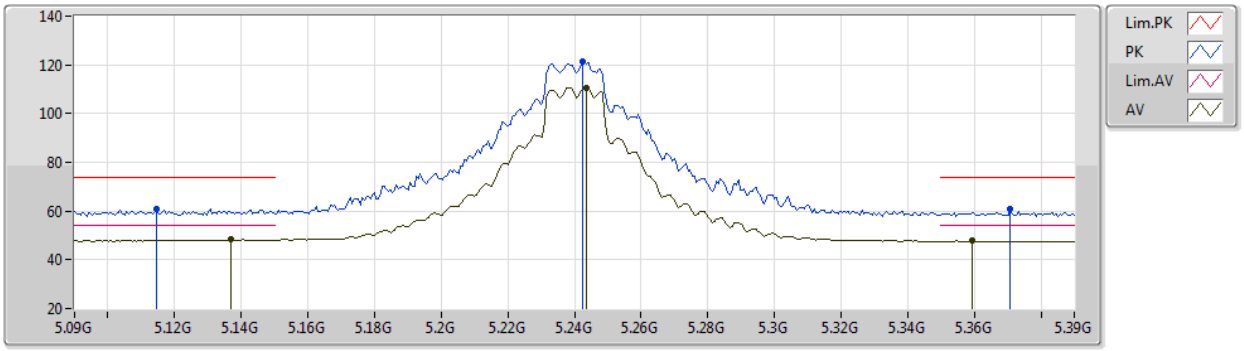
EUT Z_2TX
Setting 25.5
02-B-J-7-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1296G	61.03	74.00	-12.97	50.75	3	Vertical	357	2.86	-	34.70	5.96	30.38
AV	5.1296G	47.97	54.00	-6.03	37.69	3	Vertical	357	2.86	-	34.70	5.96	30.38
PK	5.2412G	119.44	Inf	-Inf	109.02	3	Vertical	357	2.86	-	34.82	6.02	30.42
AV	5.2412G	109.20	Inf	-Inf	98.78	3	Vertical	357	2.86	-	34.82	6.02	30.42
PK	5.3534G	60.31	74.00	-13.69	49.85	3	Vertical	357	2.86	-	34.84	6.08	30.46
AV	5.3714G	47.72	54.00	-6.28	37.30	3	Vertical	357	2.86	-	34.79	6.09	30.46

802.11a-BF_Nss1,(6Mbps)_2TX

5240MHz_TX

13/04/2020



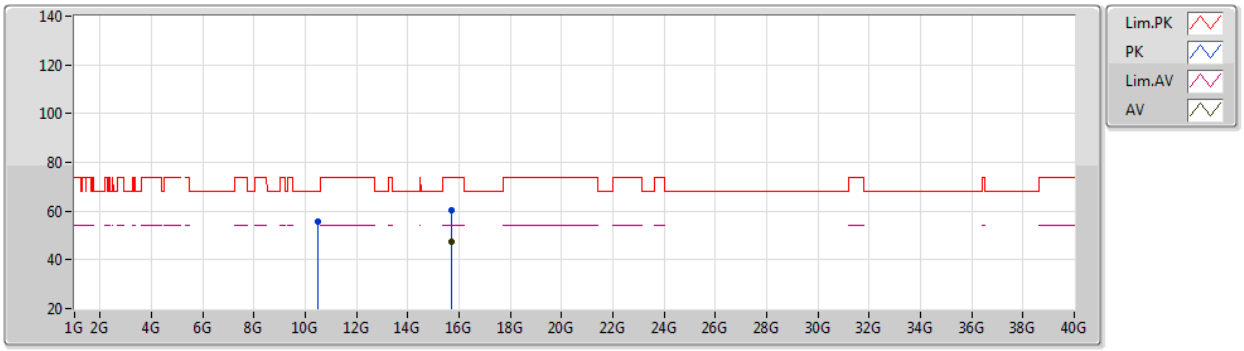
EUT Z_2TX
Setting 25.5
02-B-J-7-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1146G	60.77	74.00	-13.23	50.48	3	Horizontal	120	2.59	-	34.70	5.96	30.37
AV	5.1368G	48.30	54.00	-5.70	38.01	3	Horizontal	120	2.59	-	34.70	5.97	30.38
PK	5.2424G	121.27	Inf	-Inf	110.84	3	Horizontal	120	2.59	-	34.83	6.02	30.42
AV	5.2436G	110.57	Inf	-Inf	100.14	3	Horizontal	120	2.59	-	34.83	6.02	30.42
PK	5.3708G	60.65	74.00	-13.35	50.23	3	Horizontal	120	2.59	-	34.79	6.09	30.46
AV	5.3594G	47.81	54.00	-6.19	37.37	3	Horizontal	120	2.59	-	34.82	6.08	30.46

802.11a-BF_Nss1,(6Mbps)_2TX

13/04/2020

5240MHz_TX



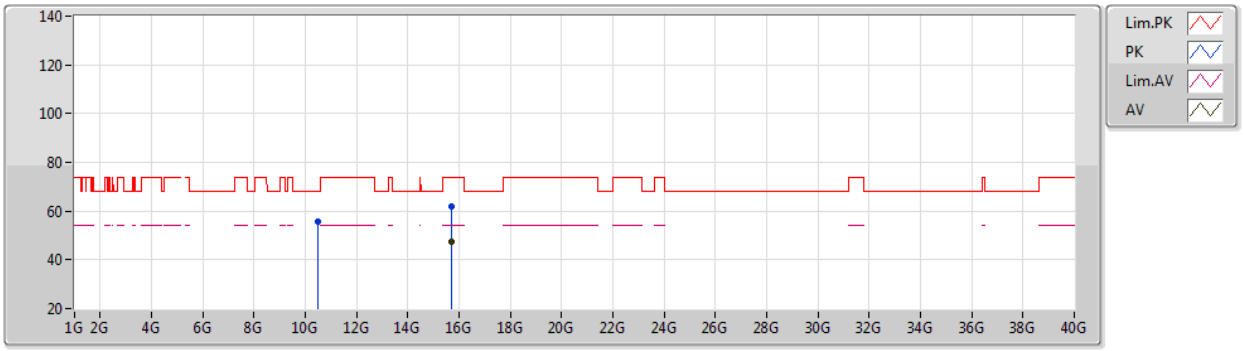
EUT Z_2TX
Setting 25.5
02-B-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4704G	55.55	68.20	-12.65	38.53	3	Vertical	158	1.28	-	39.96	8.55	31.49
PK	15.71604G	60.57	74.00	-13.43	40.08	3	Vertical	290	1.01	-	43.20	9.31	32.02
AV	15.7206G	47.25	54.00	-6.75	26.76	3	Vertical	290	1.01	-	43.20	9.31	32.02

802.11a-BF_Nss1,(6Mbps)_2TX

13/04/2020

5240MHz_TX



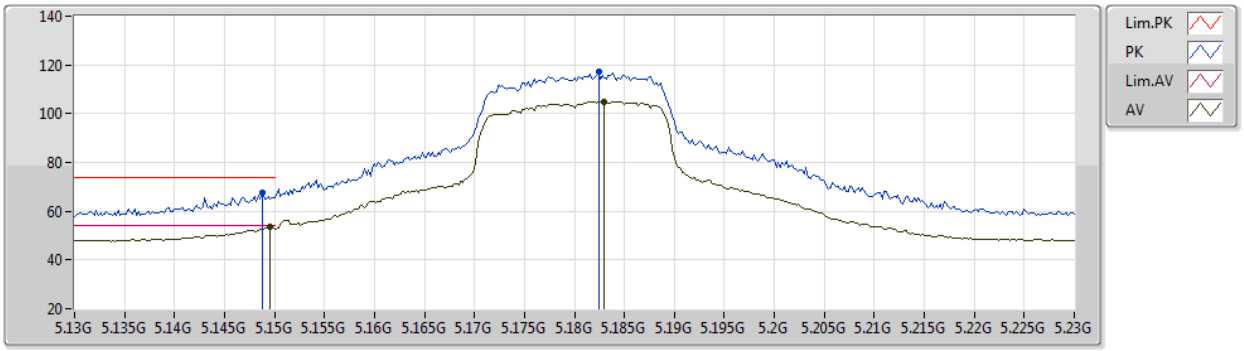
EUT Z_2TX
Setting 25.5
02-B-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47244G	55.61	68.20	-12.59	38.59	3	Horizontal	270	1.53	-	39.96	8.55	31.49
PK	15.717G	61.67	74.00	-12.33	41.18	3	Horizontal	69	1.84	-	43.20	9.31	32.02
AV	15.71634G	47.38	54.00	-6.62	26.89	3	Horizontal	69	1.84	-	43.20	9.31	32.02

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/04/2020

5180MHz_TX



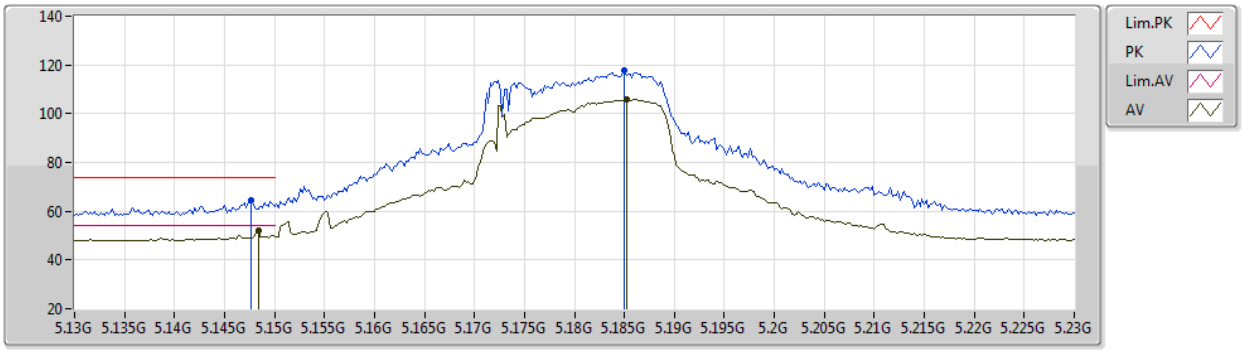
EUT Z_2TX
Setting 22
02-D-J-7-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1488G	67.55	74.00	-6.45	57.26	3	Vertical	231	2.05	-	34.70	5.97	30.38
AV	5.1496G	53.74	54.00	-0.26	43.45	3	Vertical	231	2.05	-	34.70	5.97	30.38
PK	5.1824G	117.10	Inf	-Inf	106.80	3	Vertical	231	2.05	-	34.70	5.99	30.39
AV	5.183G	105.08	Inf	-Inf	94.78	3	Vertical	231	2.05	-	34.70	5.99	30.39

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/04/2020

5180MHz_TX



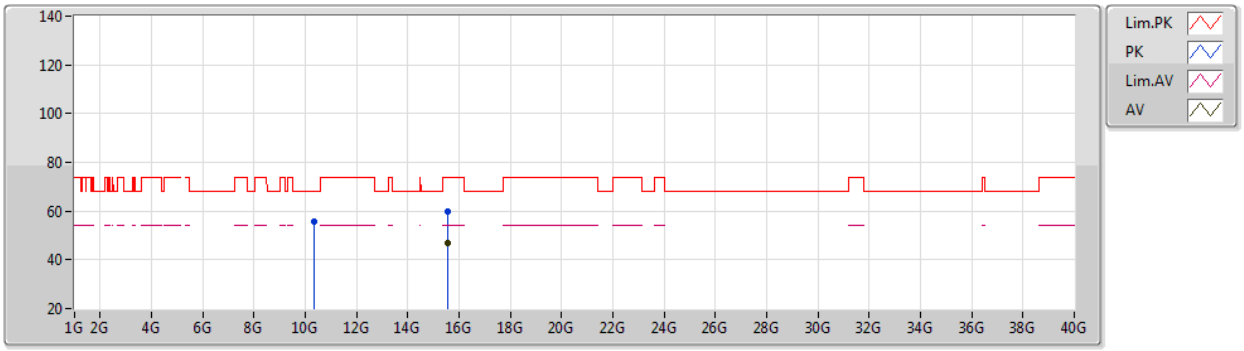
EUT Z_2TX
Setting 22
02-D-J-7-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1476G	64.36	74.00	-9.64	54.07	3	Horizontal	260	1.27	-	34.70	5.97	30.38
AV	5.1484G	52.12	54.00	-1.88	41.83	3	Horizontal	260	1.27	-	34.70	5.97	30.38
PK	5.185G	117.54	Inf	-Inf	107.25	3	Horizontal	260	1.27	-	34.70	5.99	30.40
AV	5.1852G	105.69	Inf	-Inf	95.40	3	Horizontal	260	1.27	-	34.70	5.99	30.40

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/04/2020

5180MHz_TX



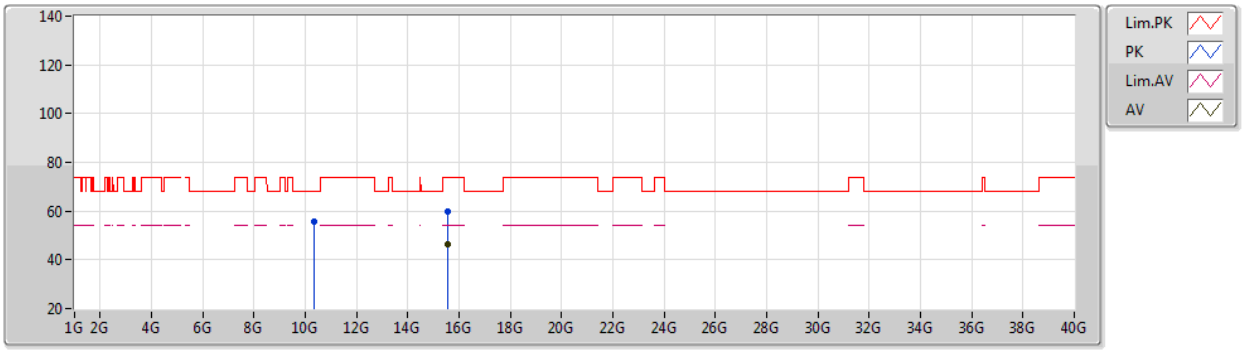
EUT Z_2TX
Setting 22
02-D-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.36G	55.48	68.20	-12.72	38.66	3	Vertical	91	1.86	-	39.80	8.51	31.49
PK	15.541G	59.89	74.00	-14.11	39.30	3	Vertical	0	1.01	-	43.32	9.25	31.98
AV	15.53936G	46.93	54.00	-7.07	26.34	3	Vertical	0	1.01	-	43.32	9.25	31.98

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/04/2020

5180MHz_TX



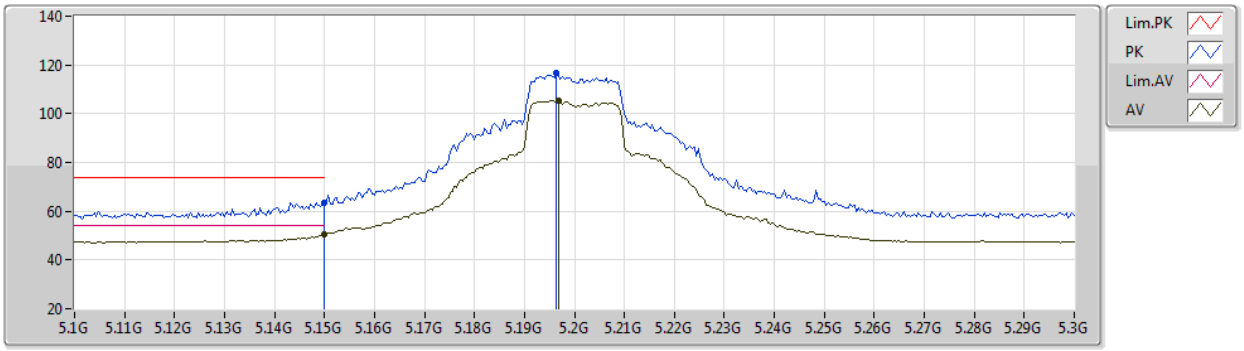
EUT Z_2TX
Setting 22
02-D-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.36035G	55.48	68.20	-12.72	38.66	3	Horizontal	128	2.99	-	39.80	8.51	31.49
PK	15.5416G	60.08	74.00	-13.92	39.49	3	Horizontal	4	1.80	-	43.32	9.25	31.98
AV	15.54412G	46.41	54.00	-7.59	25.82	3	Horizontal	4	1.80	-	43.32	9.25	31.98

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/04/2020

5200MHz_TX



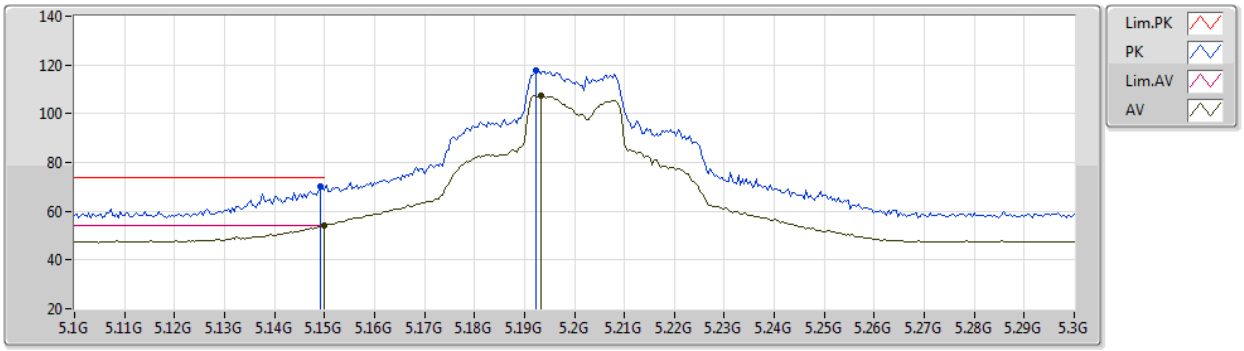
EUT Z_2TX
Setting 25
02-D-P-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	63.58	74.00	-10.42	53.29	3	Vertical	121	2.25	-	34.70	5.97	30.38
AV	5.15G	50.35	54.00	-3.65	40.06	3	Vertical	121	2.25	-	34.70	5.97	30.38
PK	5.1964G	116.88	Inf	-Inf	106.58	3	Vertical	121	2.25	-	34.70	6.00	30.40
AV	5.1968G	105.58	Inf	-Inf	95.28	3	Vertical	121	2.25	-	34.70	6.00	30.40

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

13/04/2020



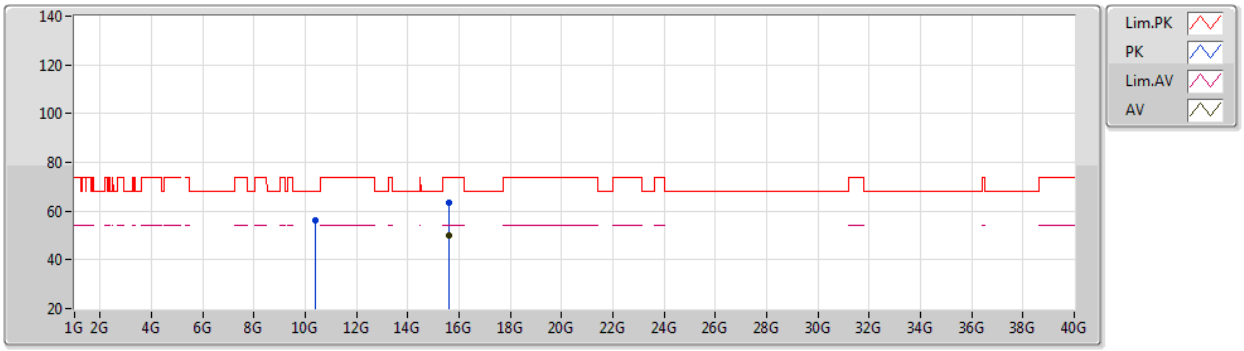
EUT Z_2TX
Setting 25
02-D-P-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1492G	69.93	74.00	-4.07	59.64	3	Horizontal	92	2.53	-	34.70	5.97	30.38
AV	5.15G	53.89	54.00	-0.11	43.60	3	Horizontal	92	2.53	-	34.70	5.97	30.38
PK	5.1924G	117.99	Inf	-Inf	107.69	3	Horizontal	92	2.53	-	34.70	6.00	30.40
AV	5.1932G	107.20	Inf	-Inf	96.90	3	Horizontal	92	2.53	-	34.70	6.00	30.40

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

13/04/2020



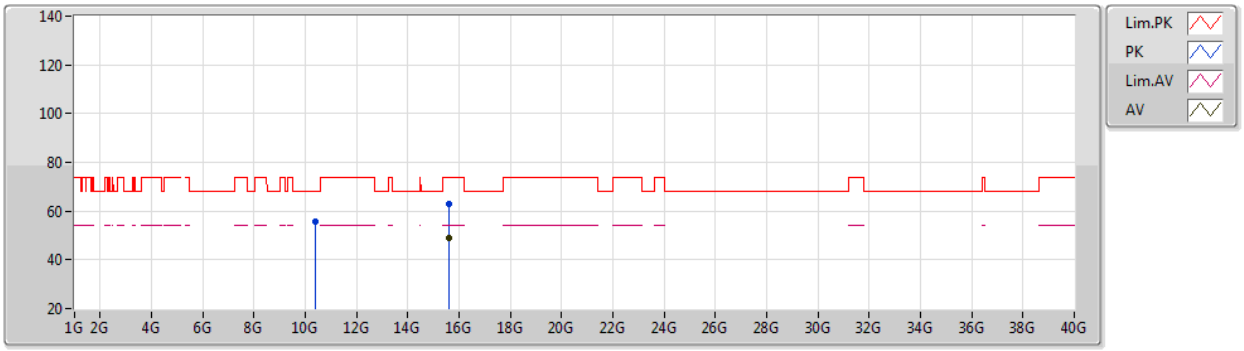
EUT Z_2TX
Setting 25
02-D-P-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40456G	56.05	68.20	-12.15	39.14	3	Vertical	81	1.80	-	39.87	8.53	31.49
PK	15.5904G	63.48	74.00	-10.52	42.92	3	Vertical	291	1.04	-	43.29	9.26	31.99
AV	15.58488G	49.88	54.00	-4.12	29.32	3	Vertical	291	1.04	-	43.29	9.26	31.99

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/04/2020

5200MHz_TX



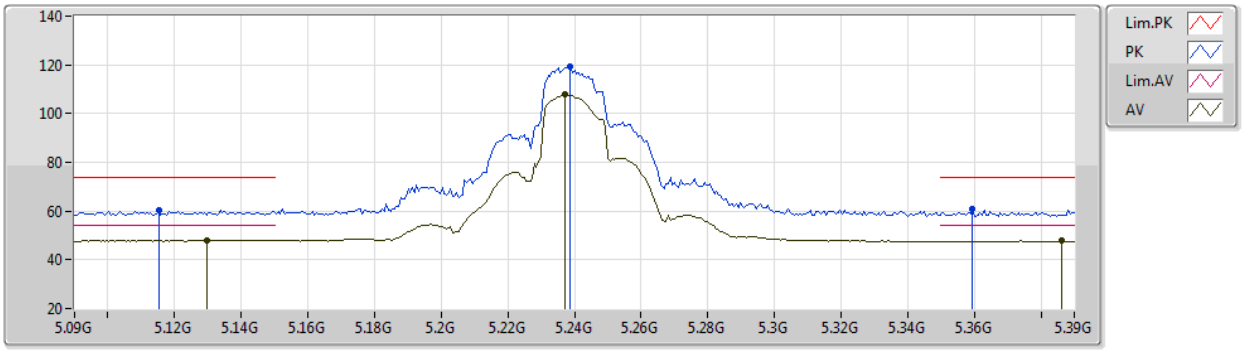
EUT Z_2TX
Setting 25
02-D-P-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39748G	55.64	68.20	-12.56	38.75	3	Horizontal	302	1.00	-	39.86	8.52	31.49
PK	15.60708G	62.94	74.00	-11.06	42.38	3	Horizontal	273	1.00	-	43.28	9.27	31.99
AV	15.60576G	49.18	54.00	-4.82	28.62	3	Horizontal	273	1.00	-	43.28	9.27	31.99

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

13/04/2020



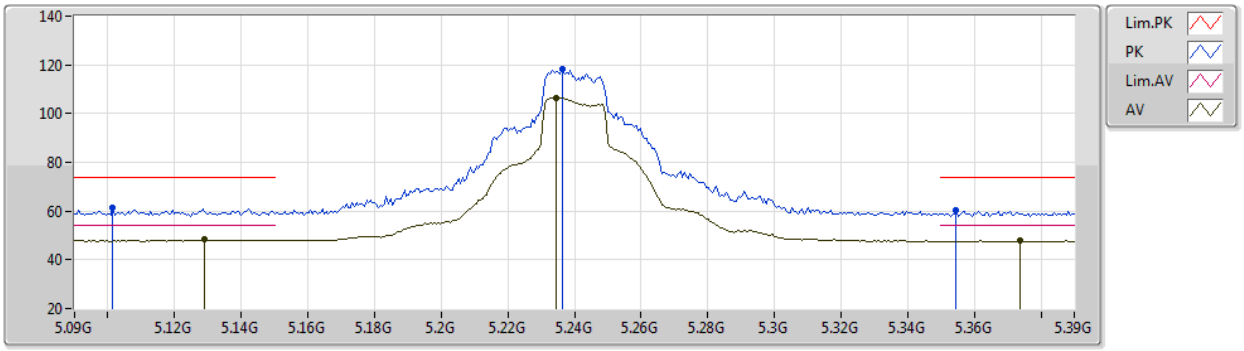
EUT Z_2TX
Setting 25.5
02-B-J-7-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1152G	60.29	74.00	-13.71	50.00	3	Vertical	111	2.36	-	34.70	5.96	30.37
AV	5.1296G	48.09	54.00	-5.91	37.81	3	Vertical	111	2.36	-	34.70	5.96	30.38
PK	5.2388G	119.18	Inf	-Inf	108.76	3	Vertical	111	2.36	-	34.82	6.02	30.42
AV	5.237G	107.69	Inf	-Inf	97.27	3	Vertical	111	2.36	-	34.81	6.02	30.41
PK	5.3594G	60.77	74.00	-13.23	50.33	3	Vertical	111	2.36	-	34.82	6.08	30.46
AV	5.3864G	47.71	54.00	-6.29	37.35	3	Vertical	111	2.36	-	34.74	6.09	30.47

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

13/04/2020



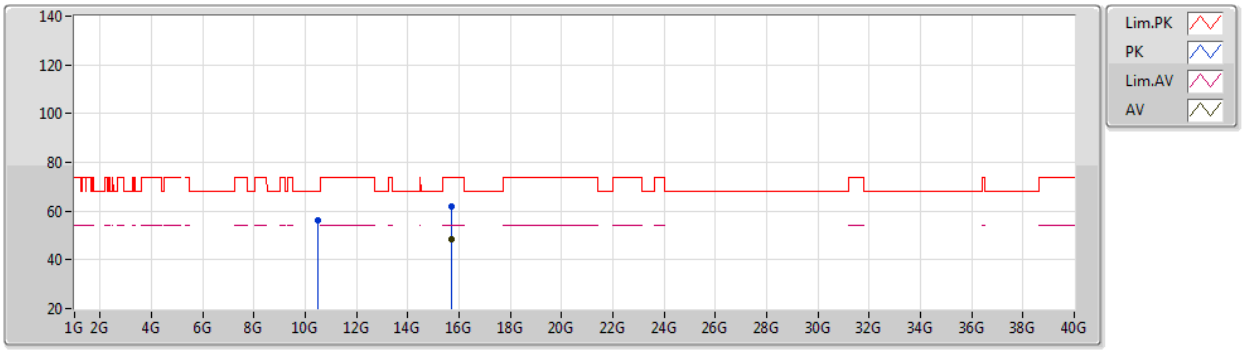
EUT Z_2TX
Setting 25.5
02-B-J-7-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1014G	61.16	74.00	-12.84	50.88	3	Horizontal	256	1.80	-	34.70	5.95	30.37
AV	5.129G	48.19	54.00	-5.81	37.91	3	Horizontal	256	1.80	-	34.70	5.96	30.38
PK	5.2364G	118.24	Inf	-Inf	107.82	3	Horizontal	256	1.80	-	34.81	6.02	30.41
AV	5.2346G	106.50	Inf	-Inf	96.09	3	Horizontal	256	1.80	-	34.80	6.02	30.41
PK	5.3546G	60.32	74.00	-13.68	49.86	3	Horizontal	256	1.80	-	34.84	6.08	30.46
AV	5.3738G	47.71	54.00	-6.29	37.30	3	Horizontal	256	1.80	-	34.78	6.09	30.46

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/04/2020

5240MHz_TX



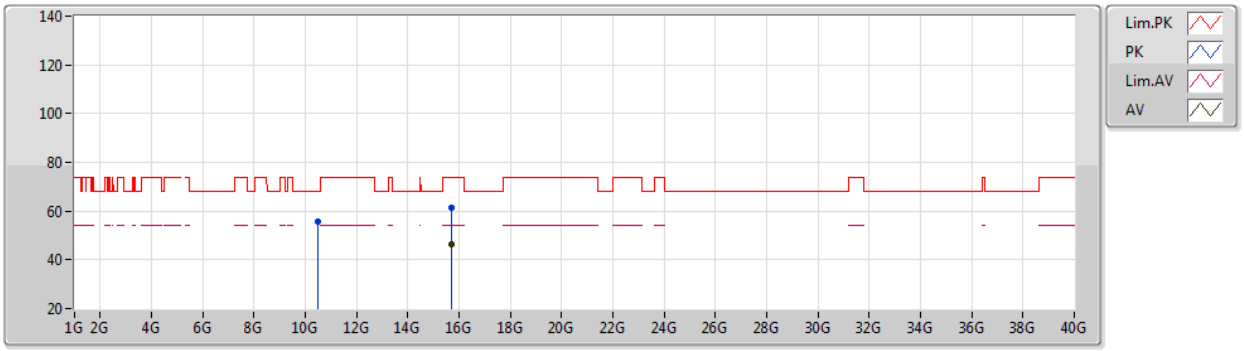
EUT Z_2TX
Setting 25.5
02-B-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47922G	56.09	68.20	-12.11	39.06	3	Vertical	36	2.97	-	39.97	8.55	31.49
PK	15.72462G	61.97	74.00	-12.03	41.49	3	Vertical	46	1.00	-	43.19	9.31	32.02
AV	15.7206G	48.51	54.00	-5.49	28.02	3	Vertical	46	1.00	-	43.20	9.31	32.02

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

13/04/2020



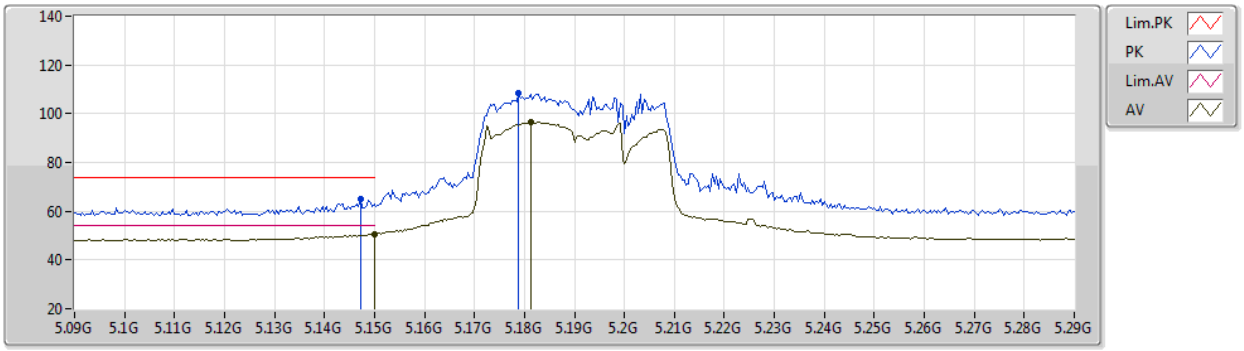
EUT Z_2TX
Setting 25.5
02-B-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48804G	55.50	68.20	-12.70	38.46	3	Horizontal	203	2.07	-	39.98	8.55	31.49
PK	15.7203G	61.47	74.00	-12.53	40.98	3	Horizontal	299	1.80	-	43.20	9.31	32.02
AV	15.72494G	46.44	54.00	-7.56	25.96	3	Horizontal	299	1.80	-	43.19	9.31	32.02

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

13/04/2020



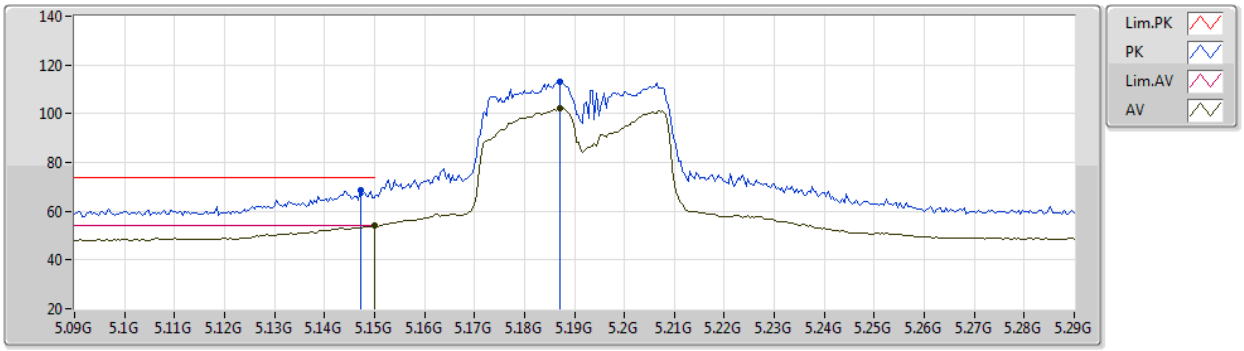
EUT Z_2TX
Setting 19.5
02-D-J-7-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1472G	64.78	74.00	-9.22	54.49	3	Vertical	229	2.25	-	34.70	5.97	30.38
AV	5.15G	50.34	54.00	-3.66	40.05	3	Vertical	229	2.25	-	34.70	5.97	30.38
PK	5.1788G	108.34	Inf	-Inf	98.04	3	Vertical	229	2.25	-	34.70	5.99	30.39
AV	5.1812G	96.49	Inf	-Inf	86.19	3	Vertical	229	2.25	-	34.70	5.99	30.39

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

13/04/2020



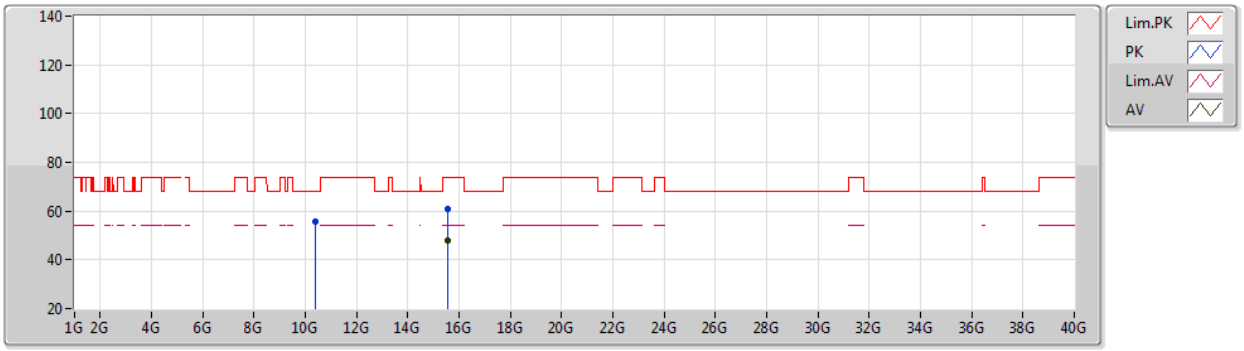
EUT Z_2TX
Setting 19.5
02-D-J-7-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1472G	68.66	74.00	-5.34	58.37	3	Horizontal	260	1.11	-	34.70	5.97	30.38
AV	5.15G	53.92	54.00	-0.08	43.63	3	Horizontal	260	1.11	-	34.70	5.97	30.38
PK	5.1872G	112.86	Inf	-Inf	102.57	3	Horizontal	260	1.11	-	34.70	5.99	30.40
AV	5.1872G	102.09	Inf	-Inf	91.80	3	Horizontal	260	1.11	-	34.70	5.99	30.40

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

13/04/2020

5190MHz_TX



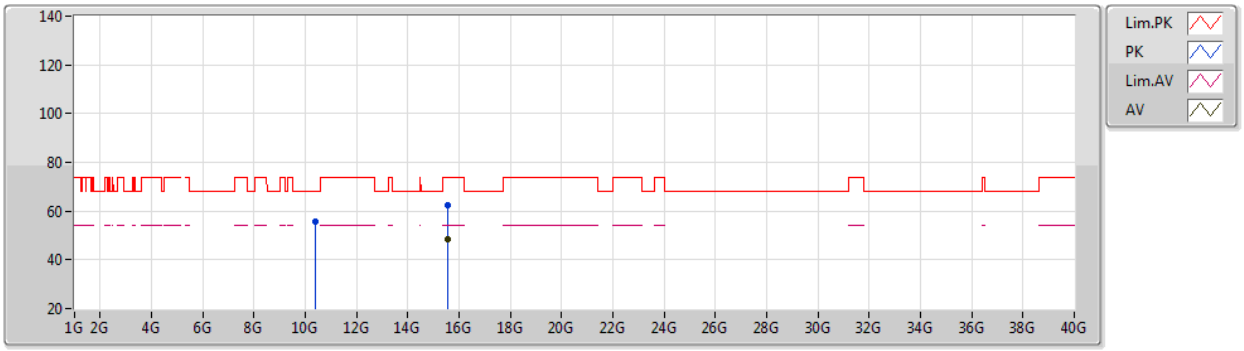
EUT Z_2TX
Setting 19.5
02-D-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.38028G	55.58	68.20	-12.62	38.72	3	Vertical	285	1.80	-	39.83	8.52	31.49
PK	15.57278G	60.82	74.00	-13.18	40.25	3	Vertical	312	1.80	-	43.30	9.26	31.99
AV	15.5731G	48.00	54.00	-6.00	27.43	3	Vertical	312	1.80	-	43.30	9.26	31.99

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

13/04/2020



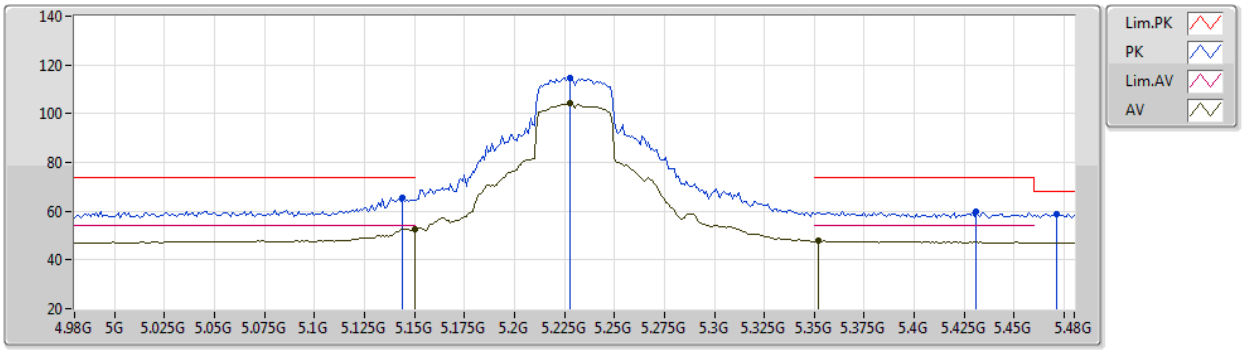
EUT Z_2TX
Setting 19.5
02-D-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3821G	55.49	68.20	-12.71	38.63	3	Horizontal	114	1.80	-	39.83	8.52	31.49
PK	15.57112G	62.16	74.00	-11.84	41.59	3	Horizontal	297	1.55	-	43.30	9.26	31.99
AV	15.56728G	48.70	54.00	-5.30	28.12	3	Horizontal	297	1.55	-	43.30	9.26	31.98

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

13/04/2020



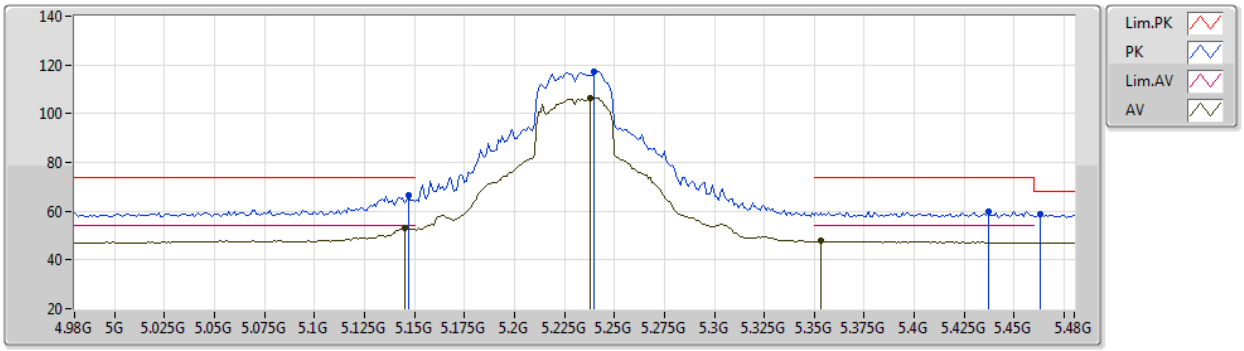
EUT Z_2TX
Setting 24
02-D-P-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.144G	65.42	74.00	-8.58	55.13	3	Vertical	115	2.23	-	34.70	5.97	30.38
AV	5.15G	52.76	54.00	-1.24	42.47	3	Vertical	115	2.23	-	34.70	5.97	30.38
PK	5.228G	114.57	Inf	-Inf	104.19	3	Vertical	115	2.23	-	34.78	6.01	30.41
AV	5.228G	104.40	Inf	-Inf	94.02	3	Vertical	115	2.23	-	34.78	6.01	30.41
PK	5.431G	59.99	74.00	-14.01	49.70	3	Vertical	115	2.23	-	34.64	6.13	30.48
AV	5.352G	47.77	54.00	-6.23	37.31	3	Vertical	115	2.23	-	34.84	6.08	30.46
PK	5.471G	58.86	68.20	-9.34	48.62	3	Vertical	115	2.23	-	34.56	6.18	30.50

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

13/04/2020



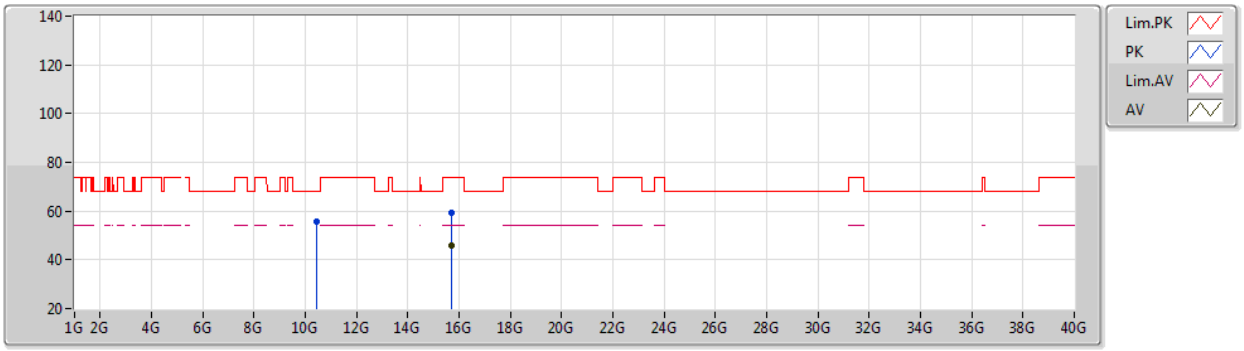
EUT Z_2TX
Setting 24
02-D-P-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.147G	66.36	74.00	-7.64	56.07	3	Horizontal	262	1.01	-	34.70	5.97	30.38
AV	5.145G	52.85	54.00	-1.15	42.56	3	Horizontal	262	1.01	-	34.70	5.97	30.38
PK	5.24G	117.47	Inf	-Inf	107.05	3	Horizontal	262	1.01	-	34.82	6.02	30.42
AV	5.238G	106.30	Inf	-Inf	95.89	3	Horizontal	262	1.01	-	34.81	6.02	30.42
PK	5.437G	60.04	74.00	-13.96	49.75	3	Horizontal	262	1.01	-	34.63	6.14	30.48
AV	5.353G	47.75	54.00	-6.25	37.29	3	Horizontal	262	1.01	-	34.84	6.08	30.46
PK	5.463G	58.64	68.20	-9.56	48.40	3	Horizontal	262	1.01	-	34.57	6.17	30.50

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

13/04/2020

5230MHz_TX



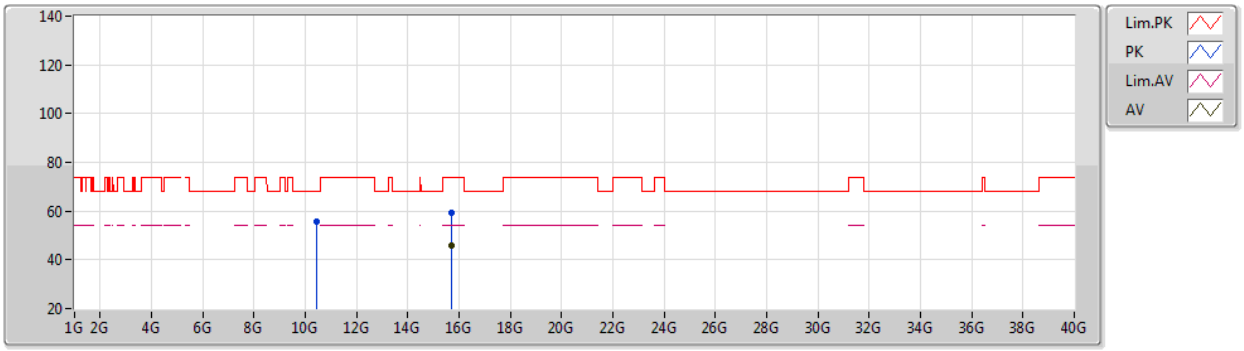
EUT Z_2TX
Setting 24
02-D-P-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.46102G	55.62	68.20	-12.58	38.62	3	Vertical	199	1.80	-	39.95	8.54	31.49
PK	15.69412G	59.19	74.00	-14.81	38.69	3	Vertical	353	1.80	-	43.21	9.30	32.01
AV	15.69456G	46.00	54.00	-8.00	25.50	3	Vertical	353	1.80	-	43.21	9.30	32.01

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

13/04/2020

5230MHz_TX



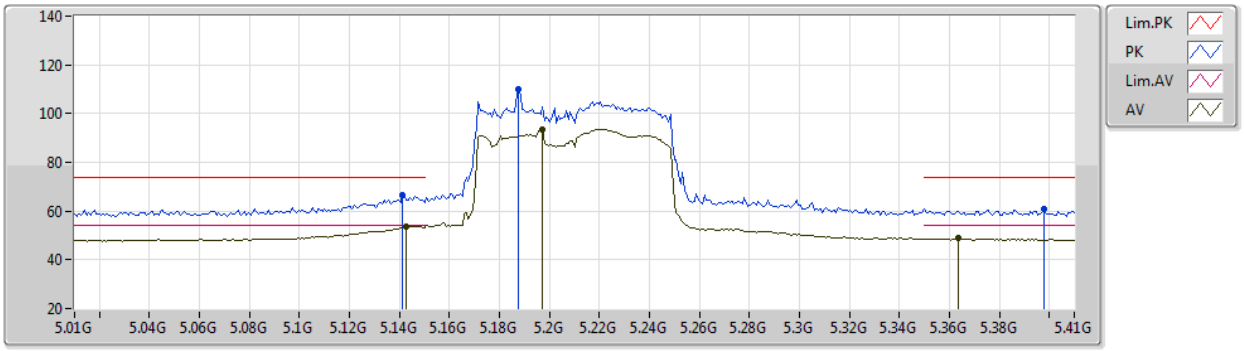
EUT Z_2TX
Setting 24
02-D-P-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.46252G	55.54	68.20	-12.66	38.54	3	Horizontal	154	1.80	-	39.95	8.54	31.49
PK	15.69418G	59.35	74.00	-14.65	38.85	3	Horizontal	272	1.02	-	43.21	9.30	32.01
AV	15.68728G	46.09	54.00	-7.91	25.58	3	Horizontal	272	1.02	-	43.22	9.30	32.01

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

13/04/2020



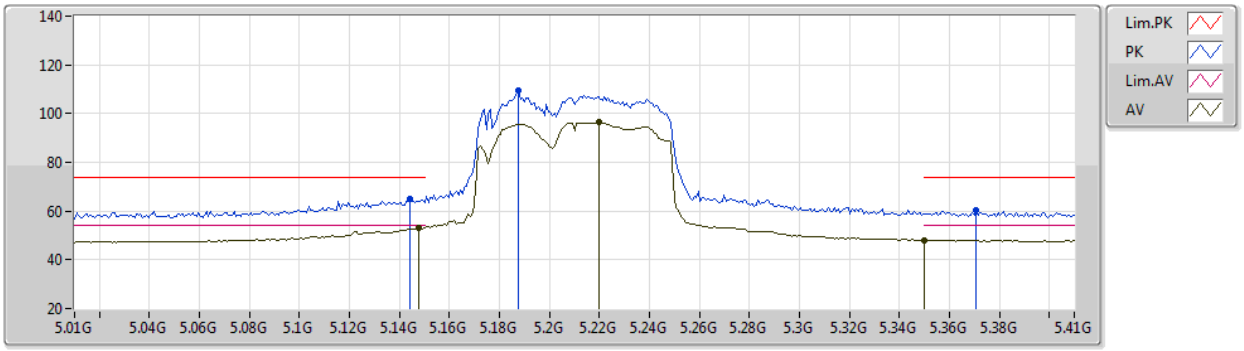
EUT Z_2TX
Setting 18.5
02-D-J-7-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1412G	66.80	74.00	-7.20	56.51	3	Vertical	104	2.82	-	34.70	5.97	30.38
AV	5.1428G	53.78	54.00	-0.22	43.49	3	Vertical	104	2.82	-	34.70	5.97	30.38
PK	5.1876G	109.84	Inf	-Inf	99.55	3	Vertical	104	2.82	-	34.70	5.99	30.40
AV	5.1972G	93.60	Inf	-Inf	83.30	3	Vertical	104	2.82	-	34.70	6.00	30.40
PK	5.398G	60.79	74.00	-13.21	50.45	3	Vertical	104	2.82	-	34.71	6.10	30.47
AV	5.3636G	48.72	54.00	-5.28	38.29	3	Vertical	104	2.82	-	34.81	6.08	30.46

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

13/04/2020



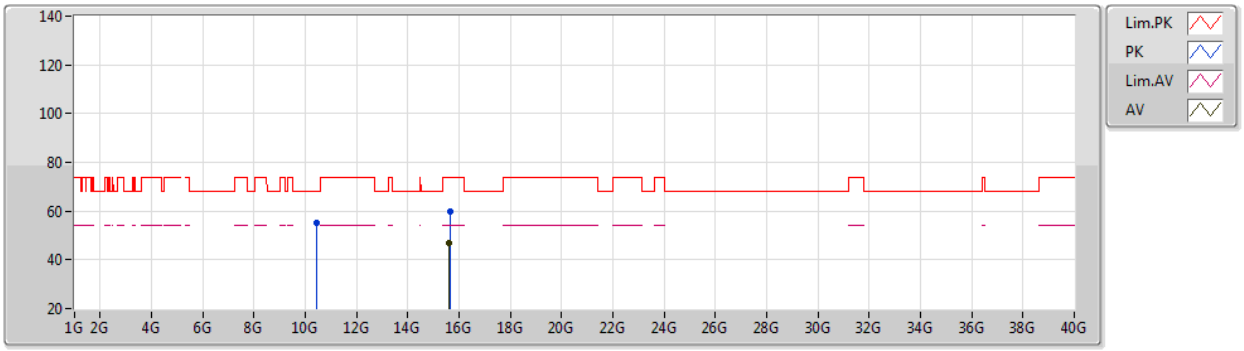
EUT Z_2TX
Setting 18.5
02-D-J-7-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1444G	64.77	74.00	-9.23	54.48	3	Horizontal	264	1.00	-	34.70	5.97	30.38
AV	5.1476G	52.88	54.00	-1.12	42.59	3	Horizontal	264	1.00	-	34.70	5.97	30.38
PK	5.1876G	109.71	Inf	-Inf	99.42	3	Horizontal	264	1.00	-	34.70	5.99	30.40
AV	5.2196G	96.36	Inf	-Inf	86.00	3	Horizontal	264	1.00	-	34.76	6.01	30.41
PK	5.3708G	60.25	74.00	-13.75	49.83	3	Horizontal	264	1.00	-	34.79	6.09	30.46
AV	5.35G	48.18	54.00	-5.82	37.71	3	Horizontal	264	1.00	-	34.85	6.07	30.45

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

13/04/2020

5210MHz_TX



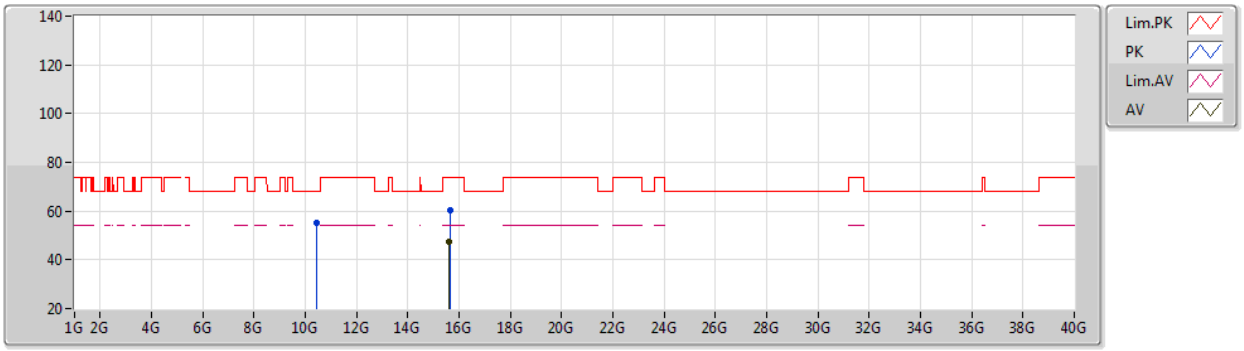
EUT Z_2TX
Setting 18.5
02-D-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.42122G	55.24	68.20	-12.96	38.31	3	Vertical	255	2.67	-	39.89	8.53	31.49
PK	15.6348G	59.84	74.00	-14.16	39.30	3	Vertical	39	1.80	-	43.26	9.28	32.00
AV	15.62618G	47.10	54.00	-6.90	26.56	3	Vertical	39	1.80	-	43.26	9.28	32.00

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

13/04/2020

5210MHz_TX



EUT Z_2TX
Setting 18.5
02-D-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.41965G	55.33	68.20	-12.87	38.40	3	Horizontal	292	1.79	-	39.89	8.53	31.49
PK	15.63264G	60.20	74.00	-13.80	39.66	3	Horizontal	317	1.80	-	43.26	9.28	32.00
AV	15.62874G	47.26	54.00	-6.74	26.72	3	Horizontal	317	1.80	-	43.26	9.28	32.00

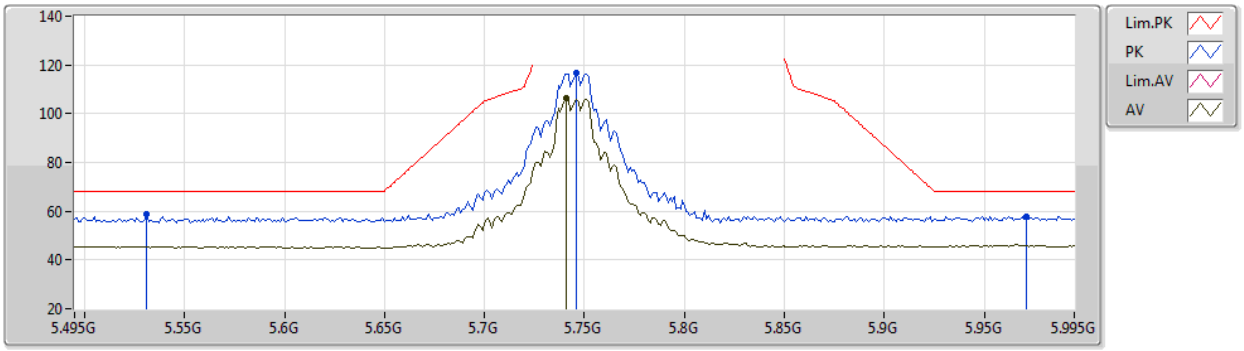
For 5GHz Band 4:
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	Pass	PK	5.648G	68.18	68.20	-0.02	3	Horizontal	270	2.97	-

802.11a-BF_Nss1,(6Mbps)_2TX

5745MHz_TX

13/04/2020



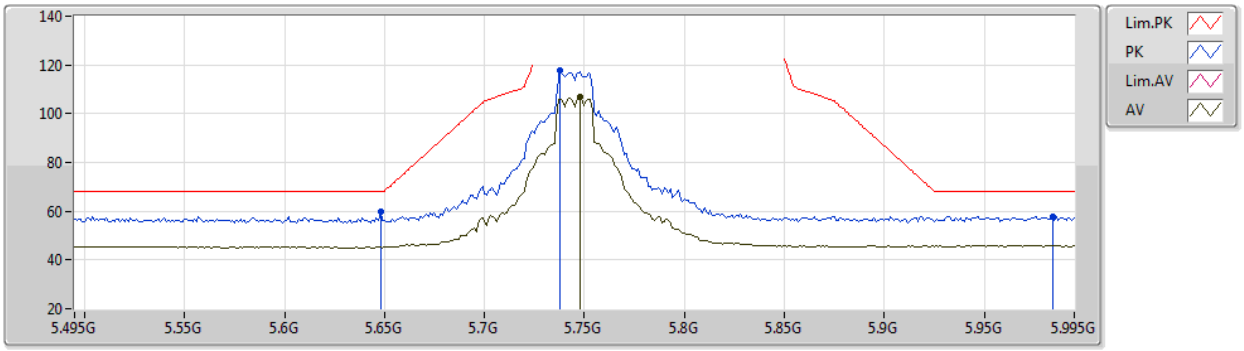
EUT Z_2TX
Setting 25.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.531G	58.99	68.20	-9.21	53.27	3	Vertical	304	1.00	-	31.74	5.80	31.82
PK	5.746G	116.56	Inf	-Inf	110.65	3	Vertical	304	1.00	-	31.88	5.94	31.91
AV	5.741G	106.15	Inf	-Inf	100.26	3	Vertical	304	1.00	-	31.86	5.94	31.91
PK	5.971G	57.92	68.20	-10.28	51.62	3	Vertical	304	1.00	-	32.40	5.91	32.01

802.11a-BF_Nss1,(6Mbps)_2TX

5745MHz_TX

13/04/2020



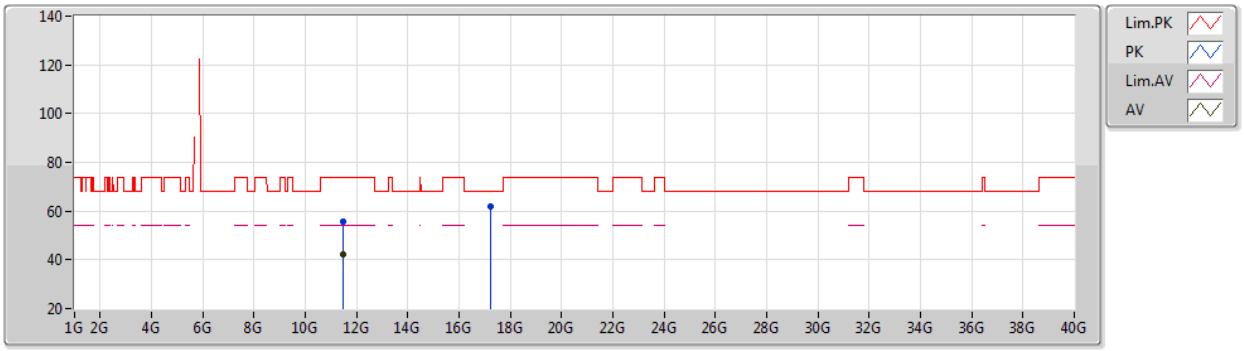
EUT Z_2TX
Setting 25.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.648G	59.78	68.20	-8.42	54.16	3	Horizontal	271	1.00	-	31.65	5.84	31.87
PK	5.738G	117.83	Inf	-Inf	111.96	3	Horizontal	271	1.00	-	31.85	5.93	31.91
AV	5.748G	106.92	Inf	-Inf	101.00	3	Horizontal	271	1.00	-	31.89	5.94	31.91
PK	5.984G	57.71	68.20	-10.49	51.41	3	Horizontal	271	1.00	-	32.40	5.91	32.01

802.11a-BF_Nss1,(6Mbps)_2TX

5745MHz_TX

13/04/2020



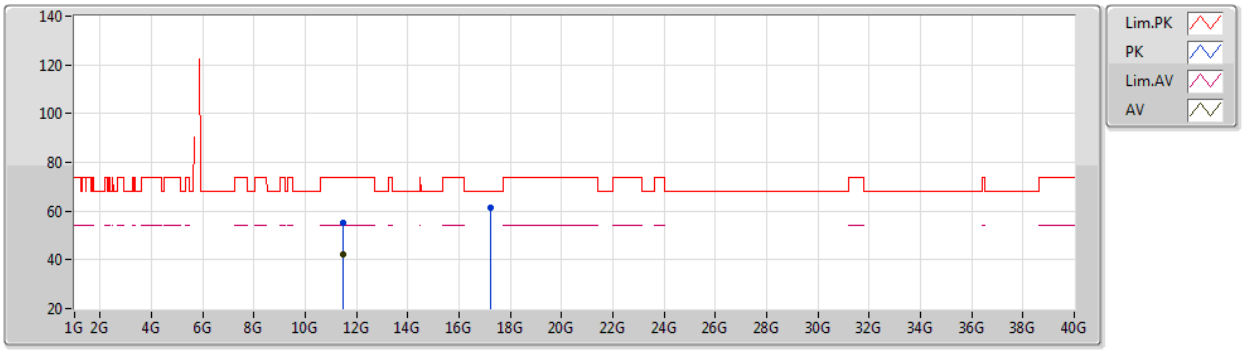
EUT Z_2TX
Setting 25.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4834G	55.50	74.00	-18.50	41.48	3	Vertical	113	1.80	-	39.67	8.12	33.77
AV	11.4818G	42.33	54.00	-11.67	28.30	3	Vertical	113	1.80	-	39.68	8.12	33.77
PK	17.23572G	61.77	68.20	-6.43	43.04	3	Vertical	233	1.97	-	43.06	9.50	33.83

802.11a-BF_Nss1,(6Mbps)_2TX

5745MHz_TX

13/04/2020



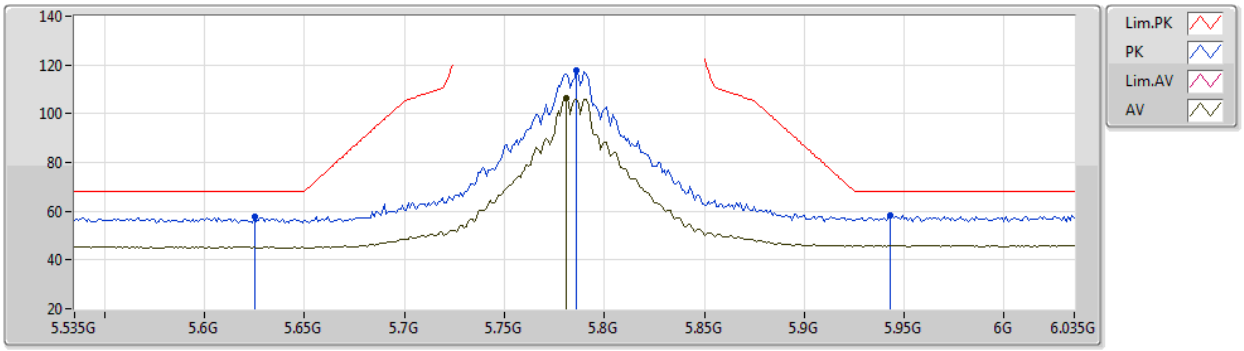
EUT Z_2TX
Setting 25.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49684G	55.37	74.00	-18.63	41.37	3	Horizontal	68	1.28	-	39.65	8.12	33.77
AV	11.49036G	42.28	54.00	-11.72	28.27	3	Horizontal	68	1.28	-	39.66	8.12	33.77
PK	17.23952G	61.34	68.20	-6.86	42.56	3	Horizontal	14	1.80	-	43.10	9.51	33.83

802.11a-BF_Nss1,(6Mbps)_2TX

5785MHz_TX

13/04/2020



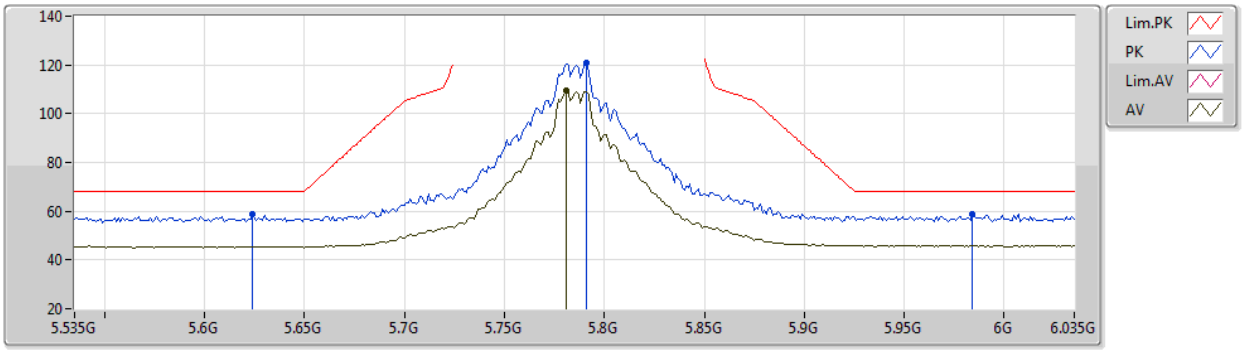
EUT Z_2TX
Setting 25.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.625G	57.92	68.20	-10.28	52.34	3	Vertical	193	1.13	-	31.62	5.82	31.86
PK	5.786G	117.59	Inf	-Inf	111.50	3	Vertical	193	1.13	-	32.04	5.98	31.93
AV	5.781G	106.33	Inf	-Inf	100.26	3	Vertical	193	1.13	-	32.02	5.98	31.93
PK	5.943G	58.09	68.20	-10.11	51.76	3	Vertical	193	1.13	-	32.40	5.93	32.00

802.11a-BF_Nss1,(6Mbps)_2TX

5785MHz_TX

13/04/2020



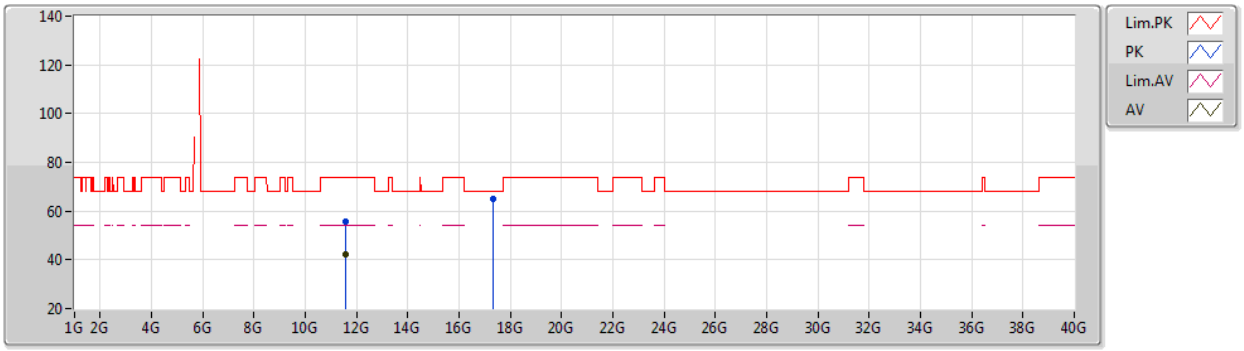
EUT Z_2TX
Setting 25.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.624G	59.02	68.20	-9.18	53.44	3	Horizontal	221	2.85	-	31.62	5.82	31.86
PK	5.791G	120.84	Inf	-Inf	114.73	3	Horizontal	221	2.85	-	32.06	5.99	31.94
AV	5.781G	109.31	Inf	-Inf	103.24	3	Horizontal	221	2.85	-	32.02	5.98	31.93
PK	5.984G	58.76	68.20	-9.44	52.46	3	Horizontal	221	2.85	-	32.40	5.91	32.01

802.11a-BF_Nss1,(6Mbps)_2TX

13/04/2020

5785MHz_TX



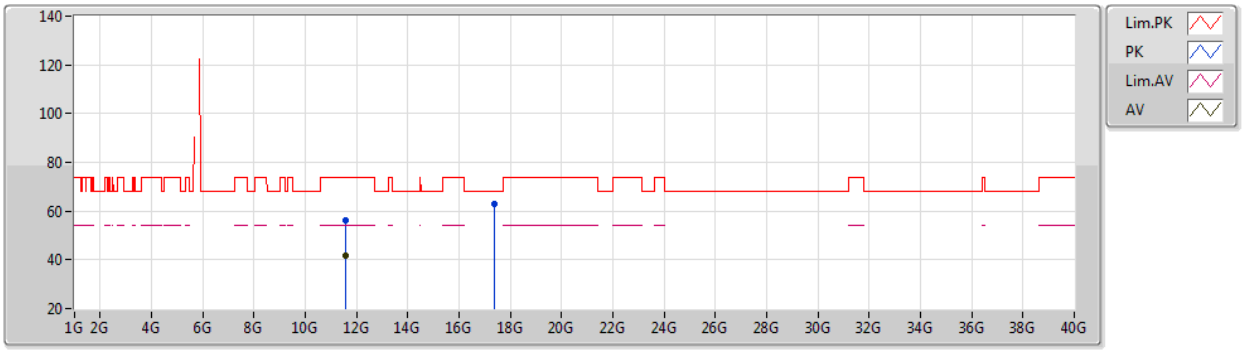
EUT Z_2TX
Setting 25.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57356G	55.88	74.00	-18.12	41.99	3	Vertical	86	2.71	-	39.54	8.15	33.80
AV	11.56924G	42.05	54.00	-11.95	28.15	3	Vertical	86	2.71	-	39.55	8.15	33.80
PK	17.34788G	64.92	68.20	-3.28	44.96	3	Vertical	324	1.98	-	44.18	9.58	33.80

802.11a-BF_Nss1,(6Mbps)_2TX

5785MHz_TX

13/04/2020



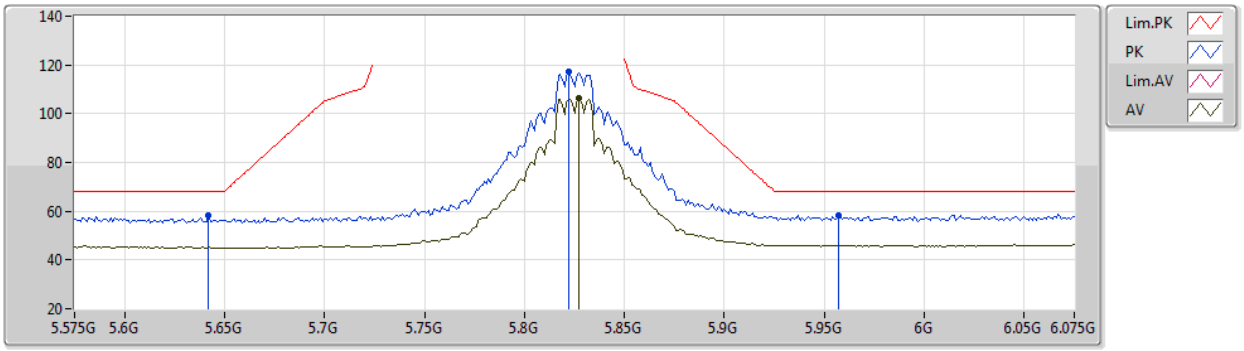
EUT Z_2TX
Setting 25.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5718G	56.01	74.00	-17.99	42.12	3	Horizontal	69	1.80	-	39.54	8.15	33.80
AV	11.57944G	41.81	54.00	-12.19	27.93	3	Horizontal	69	1.80	-	39.53	8.15	33.80
PK	17.35312G	62.83	68.20	-5.37	42.82	3	Horizontal	322	1.91	-	44.23	9.58	33.80

802.11a-BF_Nss1,(6Mbps)_2TX

5825MHz_TX

13/04/2020



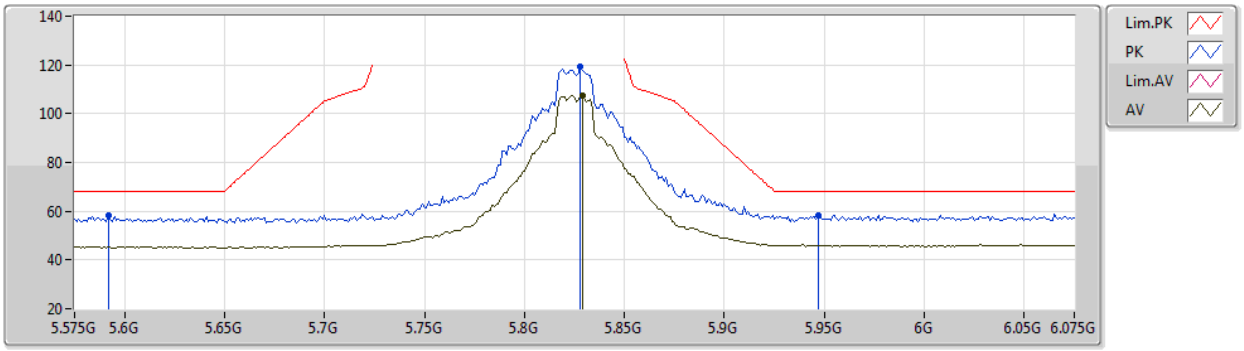
EUT Z_2TX
Setting 25.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.642G	58.28	68.20	-9.92	52.67	3	Vertical	196	2.37	-	31.64	5.84	31.87
PK	5.822G	117.24	Inf	-Inf	111.03	3	Vertical	196	2.37	-	32.17	5.99	31.95
AV	5.827G	106.41	Inf	-Inf	100.19	3	Vertical	196	2.37	-	32.18	5.99	31.95
PK	5.957G	58.32	68.20	-9.88	52.00	3	Vertical	196	2.37	-	32.40	5.92	32.00

802.11a-BF_Nss1,(6Mbps)_2TX

5825MHz_TX

13/04/2020



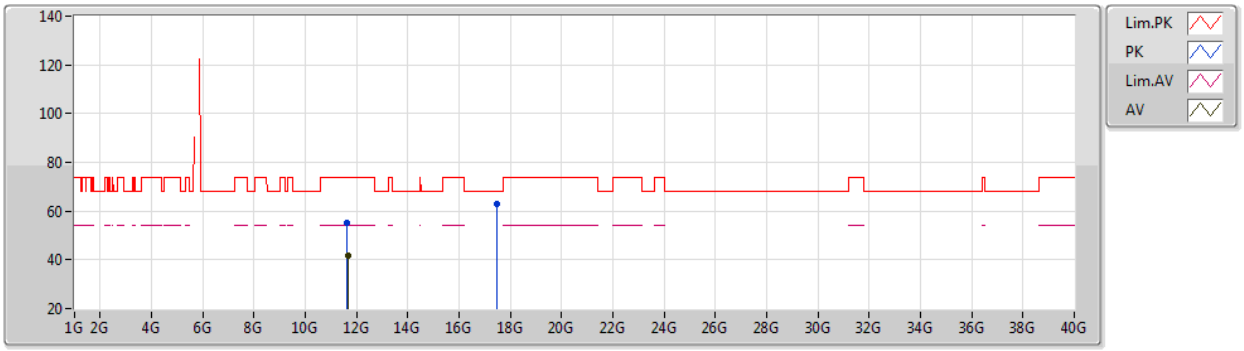
EUT Z_2TX
Setting 25.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.592G	58.10	68.20	-10.10	52.53	3	Horizontal	272	1.00	-	31.62	5.80	31.85
PK	5.828G	119.06	Inf	-Inf	112.84	3	Horizontal	272	1.00	-	32.18	5.99	31.95
AV	5.829G	107.28	Inf	-Inf	101.05	3	Horizontal	272	1.00	-	32.19	5.99	31.95
PK	5.947G	58.51	68.20	-9.69	52.18	3	Horizontal	272	1.00	-	32.40	5.93	32.00

802.11a-BF_Nss1,(6Mbps)_2TX

5825MHz_TX

13/04/2020



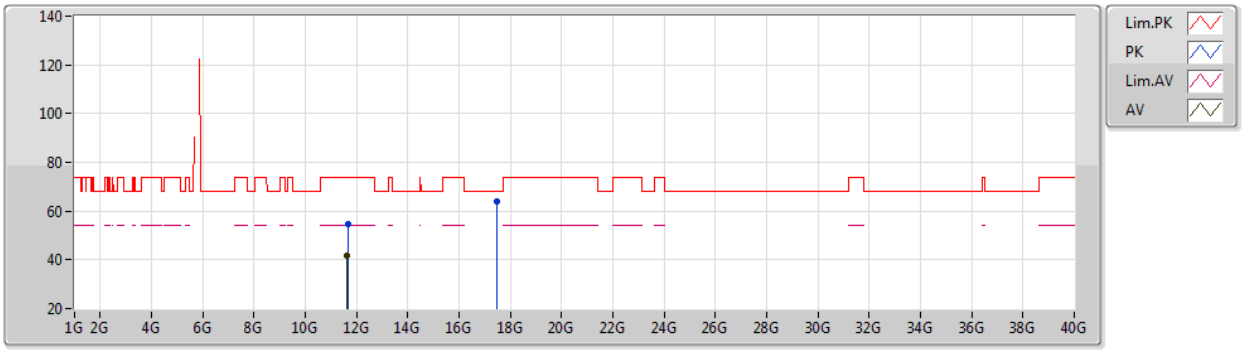
EUT Z_2TX
Setting 25.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64504G	54.96	74.00	-19.04	41.17	3	Vertical	360	1.84	-	39.43	8.18	33.82
AV	11.65436G	41.88	54.00	-12.12	28.10	3	Vertical	360	1.84	-	39.42	8.18	33.82
PK	17.48028G	62.91	68.20	-5.29	41.52	3	Vertical	299	1.80	-	45.50	9.66	33.77

802.11a-BF_Nss1,(6Mbps)_2TX

5825MHz_TX

13/04/2020



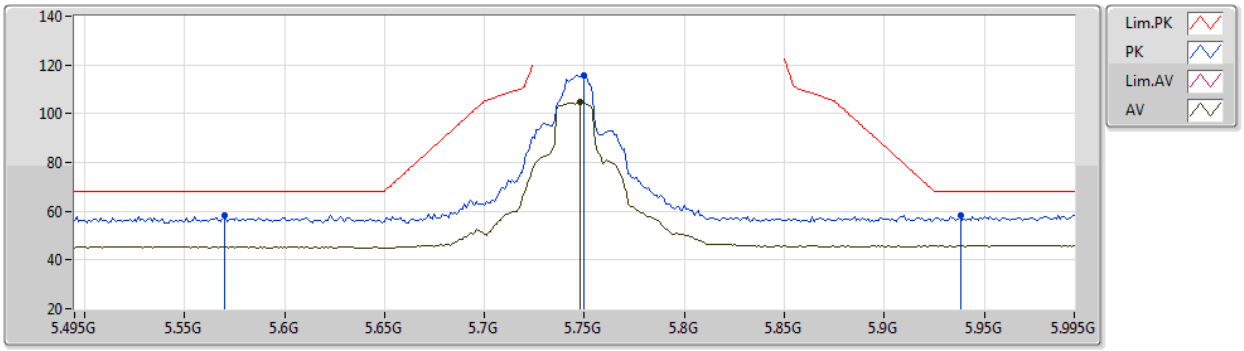
EUT Z_2TX
Setting 25.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6508G	54.56	74.00	-19.44	40.78	3	Horizontal	79	1.46	-	39.42	8.18	33.82
AV	11.64384G	41.49	54.00	-12.51	27.70	3	Horizontal	79	1.46	-	39.43	8.18	33.82
PK	17.47012G	64.12	68.20	-4.08	42.83	3	Horizontal	320	1.80	-	45.40	9.66	33.77

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/04/2020

5745MHz_TX



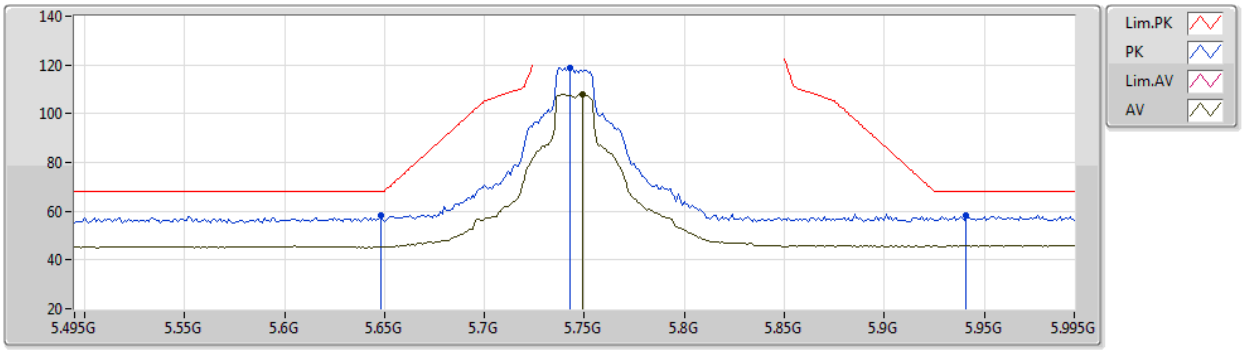
EUT Z_2TX
Setting 25.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.57G	58.38	68.20	-9.82	52.76	3	Vertical	192	2.40	-	31.66	5.80	31.84
PK	5.75G	115.83	Inf	-Inf	109.89	3	Vertical	192	2.40	-	31.90	5.95	31.91
AV	5.748G	104.79	Inf	-Inf	98.87	3	Vertical	192	2.40	-	31.89	5.94	31.91
PK	5.938G	58.10	68.20	-10.10	51.77	3	Vertical	192	2.40	-	32.40	5.93	32.00

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

13/04/2020



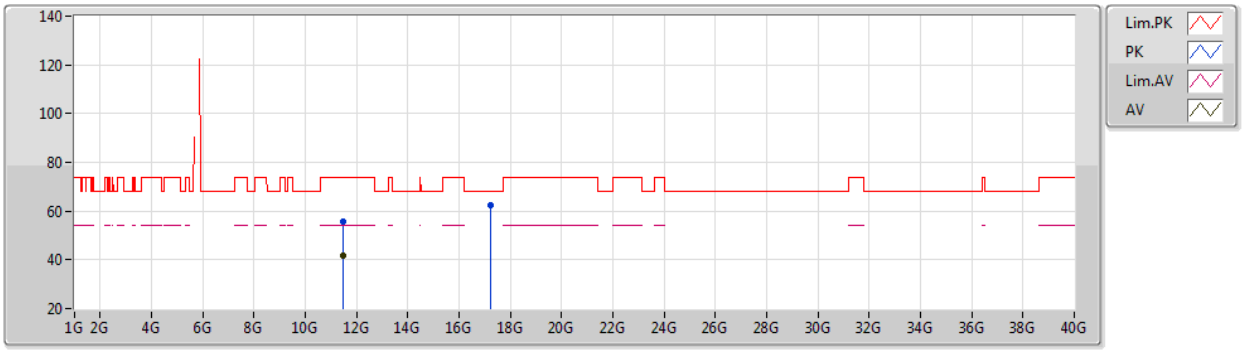
EUT Z_2TX
Setting 25.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.648G	58.08	68.20	-10.12	52.46	3	Horizontal	218	2.80	-	31.65	5.84	31.87
PK	5.743G	119.00	Inf	-Inf	113.10	3	Horizontal	218	2.80	-	31.87	5.94	31.91
AV	5.749G	107.93	Inf	-Inf	102.00	3	Horizontal	218	2.80	-	31.90	5.94	31.91
PK	5.941G	58.53	68.20	-9.67	52.20	3	Horizontal	218	2.80	-	32.40	5.93	32.00

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/04/2020

5745MHz_TX



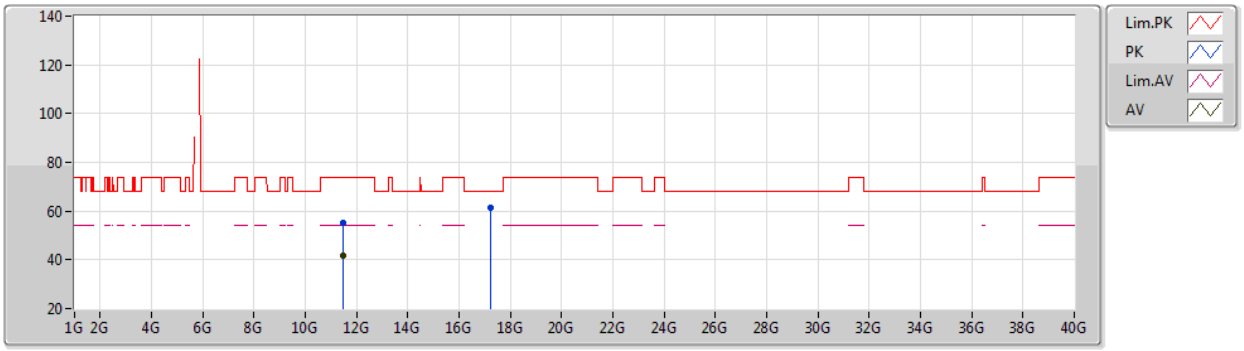
EUT Z_2TX
Setting 25.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49588G	55.72	74.00	-18.28	41.71	3	Vertical	104	2.42	-	39.66	8.12	33.77
AV	11.4854G	41.75	54.00	-12.25	27.73	3	Vertical	104	2.42	-	39.67	8.12	33.77
PK	17.22564G	62.52	68.20	-5.68	43.89	3	Vertical	335	1.96	-	42.96	9.50	33.83

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

13/04/2020



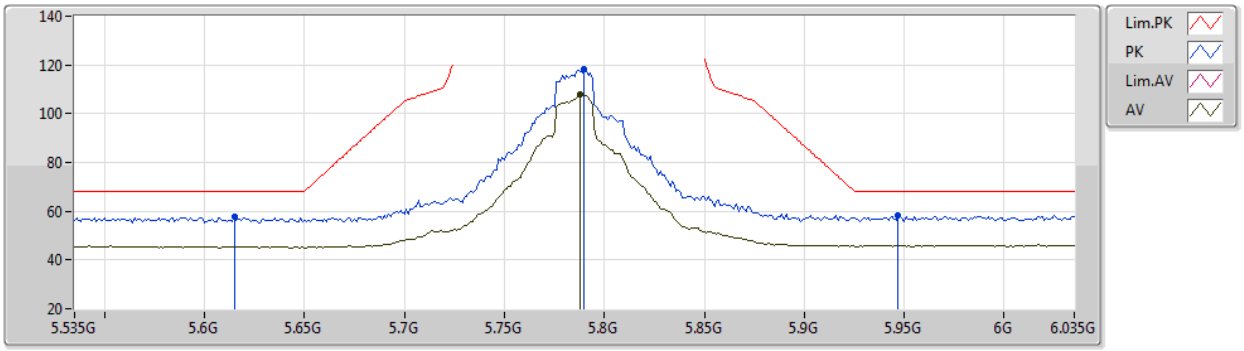
EUT Z_2TX
Setting 25.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4836G	55.11	74.00	-18.89	41.09	3	Horizontal	357	1.55	-	39.67	8.12	33.77
AV	11.48844G	41.93	54.00	-12.07	27.91	3	Horizontal	357	1.55	-	39.67	8.12	33.77
PK	17.2358G	61.42	68.20	-6.78	42.69	3	Horizontal	316	1.80	-	43.06	9.50	33.83

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/04/2020

5785MHz_TX



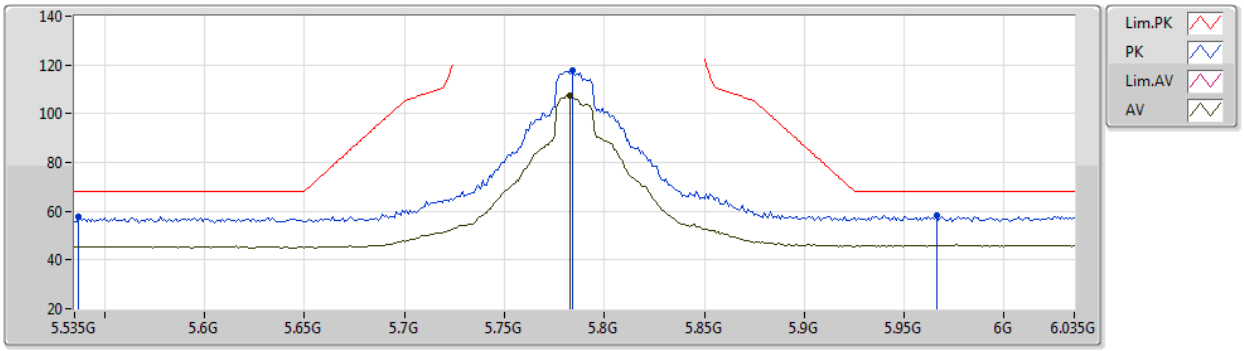
EUT Z_2TX
Setting 25.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.615G	57.69	68.20	-10.51	52.12	3	Vertical	297	1.10	-	31.62	5.81	31.86
PK	5.79G	118.35	Inf	-Inf	112.24	3	Vertical	297	1.10	-	32.06	5.99	31.94
AV	5.788G	107.76	Inf	-Inf	101.65	3	Vertical	297	1.10	-	32.05	5.99	31.93
PK	5.947G	58.17	68.20	-10.03	51.84	3	Vertical	297	1.10	-	32.40	5.93	32.00

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/04/2020

5785MHz_TX



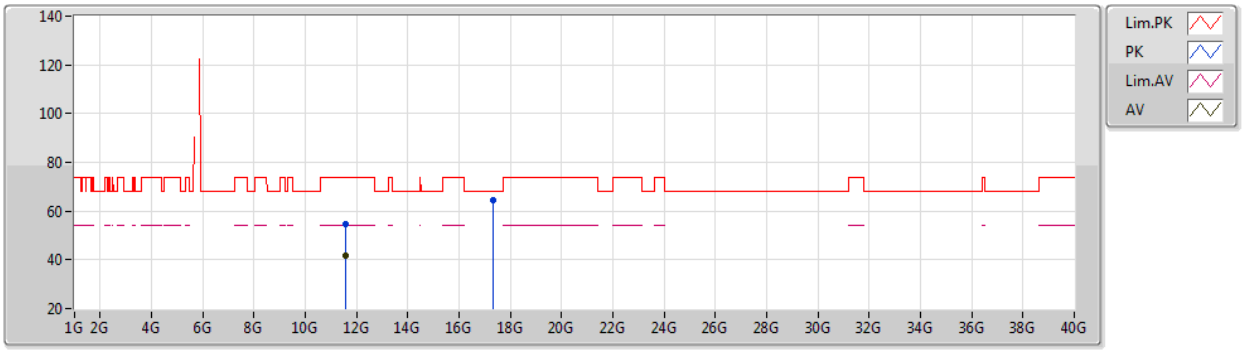
EUT Z_2TX
Setting 25.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.537G	57.64	68.20	-10.56	51.93	3	Horizontal	270	1.07	-	31.73	5.80	31.82
PK	5.784G	117.58	Inf	-Inf	111.49	3	Horizontal	270	1.07	-	32.04	5.98	31.93
AV	5.783G	107.36	Inf	-Inf	101.28	3	Horizontal	270	1.07	-	32.03	5.98	31.93
PK	5.966G	58.41	68.20	-9.79	52.10	3	Horizontal	270	1.07	-	32.40	5.92	32.01

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/04/2020

5785MHz_TX



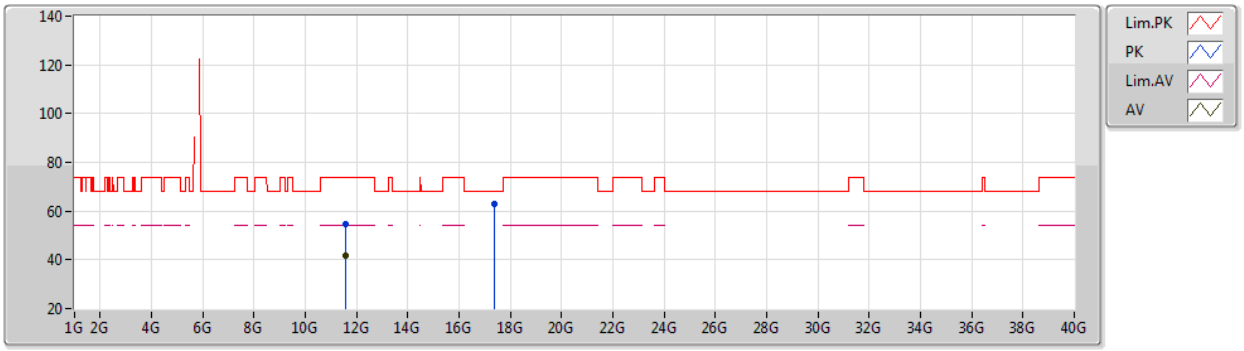
EUT Z_2TX
Setting 25.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57612G	54.67	74.00	-19.33	40.78	3	Vertical	351	2.12	-	39.54	8.15	33.80
AV	11.5788G	41.55	54.00	-12.45	27.67	3	Vertical	351	2.12	-	39.53	8.15	33.80
PK	17.34508G	64.36	68.20	-3.84	44.44	3	Vertical	326	1.88	-	44.15	9.57	33.80

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/04/2020

5785MHz_TX



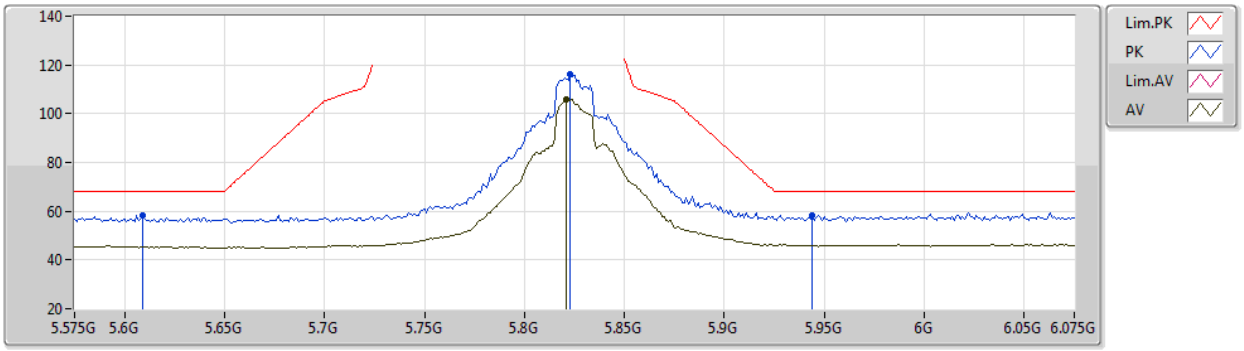
EUT Z_2TX
Setting 25.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57488G	54.56	74.00	-19.44	40.67	3	Horizontal	121	2.26	-	39.54	8.15	33.80
AV	11.57412G	41.72	54.00	-12.28	27.83	3	Horizontal	121	2.26	-	39.54	8.15	33.80
PK	17.35696G	63.04	68.20	-5.16	42.99	3	Horizontal	319	1.80	-	44.27	9.58	33.80

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/04/2020

5825MHz_TX



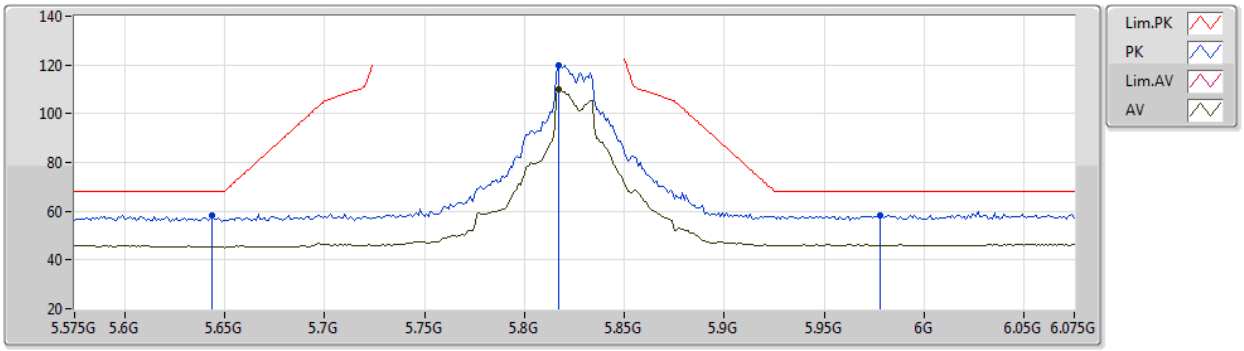
EUT Z_2TX
Setting 25.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.609G	58.28	68.20	-9.92	52.71	3	Vertical	193	1.08	-	31.61	5.81	31.85
PK	5.823G	116.05	Inf	-Inf	109.84	3	Vertical	193	1.08	-	32.17	5.99	31.95
AV	5.821G	105.76	Inf	-Inf	99.56	3	Vertical	193	1.08	-	32.16	5.99	31.95
PK	5.944G	58.39	68.20	-9.81	52.06	3	Vertical	193	1.08	-	32.40	5.93	32.00

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/04/2020

5825MHz_TX



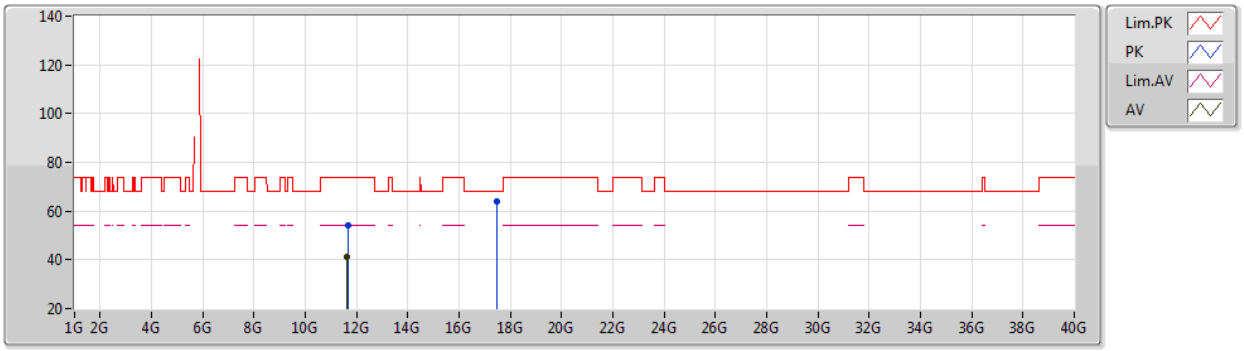
EUT Z_2TX
Setting 25.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.644G	58.12	68.20	-10.08	52.51	3	Horizontal	79	1.07	-	31.64	5.84	31.87
PK	5.817G	119.78	Inf	-Inf	113.59	3	Horizontal	79	1.07	-	32.15	5.99	31.95
AV	5.817G	109.80	Inf	-Inf	103.61	3	Horizontal	79	1.07	-	32.15	5.99	31.95
PK	5.978G	58.51	68.20	-9.69	52.21	3	Horizontal	79	1.07	-	32.40	5.91	32.01

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/04/2020

5825MHz_TX



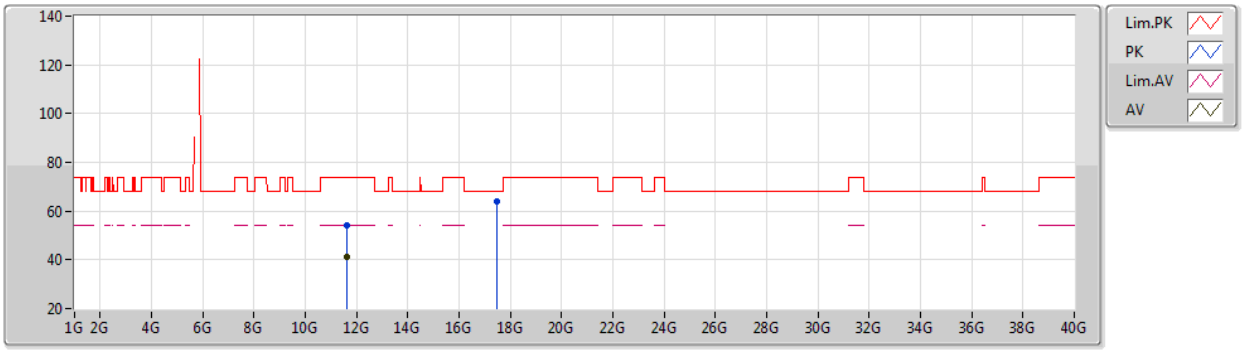
EUT Z_2TX
Setting 25.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6476G	54.17	74.00	-19.83	40.38	3	Vertical	251	2.22	-	39.43	8.18	33.82
AV	11.64132G	41.40	54.00	-12.60	27.61	3	Vertical	251	2.22	-	39.44	8.17	33.82
PK	17.47864G	63.84	68.20	-4.36	42.46	3	Vertical	324	1.80	-	45.49	9.66	33.77

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

13/04/2020

5825MHz_TX



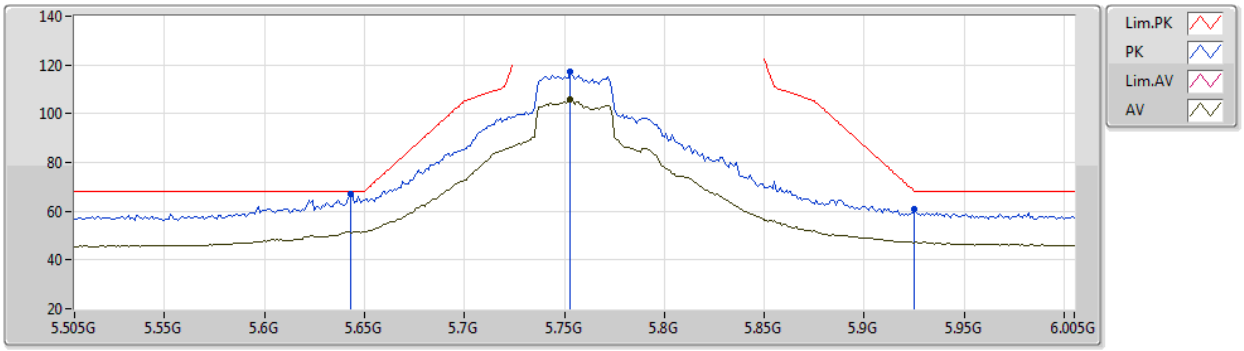
EUT Z_2TX
Setting 25.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6432G	54.18	74.00	-19.82	40.38	3	Horizontal	3	1.84	-	39.44	8.18	33.82
AV	11.64012G	41.32	54.00	-12.68	27.53	3	Horizontal	3	1.84	-	39.44	8.17	33.82
PK	17.47784G	63.77	68.20	-4.43	42.40	3	Horizontal	319	1.87	-	45.48	9.66	33.77

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

13/04/2020



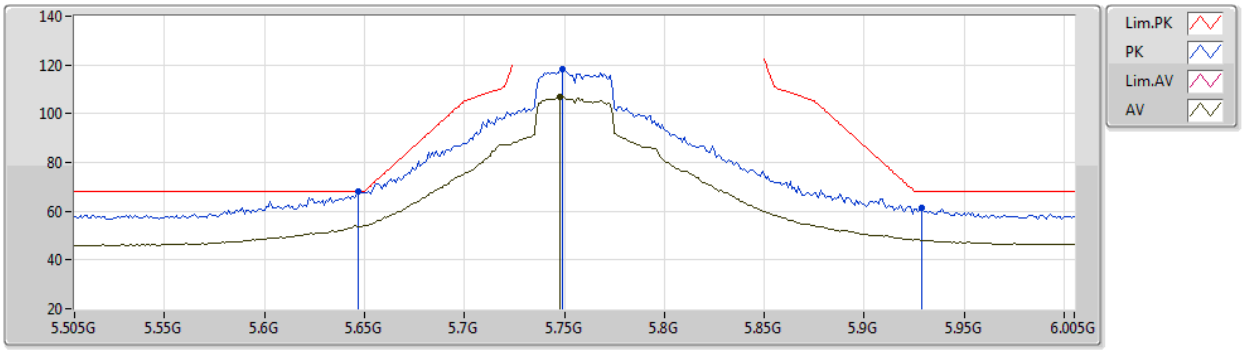
EUT Z_2TX
Setting 25.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.643G	67.17	68.20	-1.03	61.56	3	Vertical	302	1.09	-	31.64	5.84	31.87
PK	5.753G	117.50	Inf	-Inf	111.56	3	Vertical	302	1.09	-	31.91	5.95	31.92
AV	5.753G	105.65	Inf	-Inf	99.71	3	Vertical	302	1.09	-	31.91	5.95	31.92
PK	5.925G	60.88	68.20	-7.32	54.53	3	Vertical	302	1.09	-	32.40	5.94	31.99

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

13/04/2020

5755MHz_TX



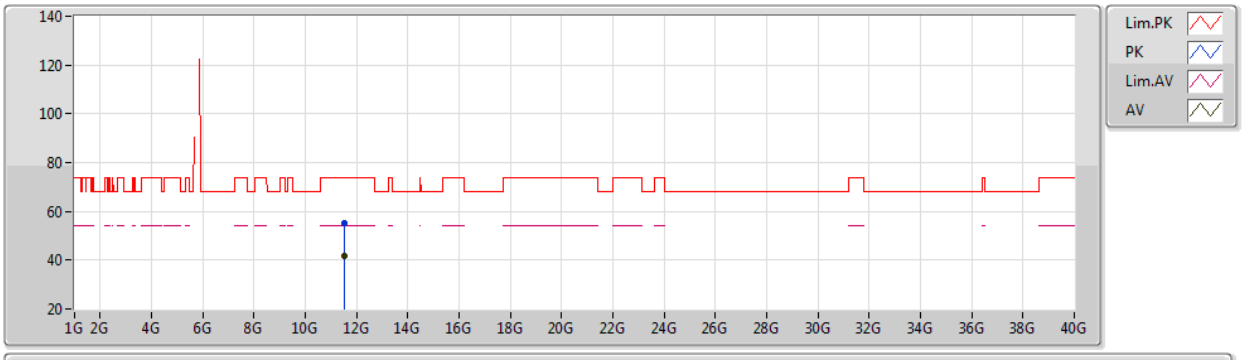
EUT Z_2TX
Setting 25.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.647G	68.09	68.20	-0.11	62.47	3	Horizontal	219	2.44	-	31.65	5.84	31.87
PK	5.749G	118.40	Inf	-Inf	112.47	3	Horizontal	219	2.44	-	31.90	5.94	31.91
AV	5.748G	106.82	Inf	-Inf	100.90	3	Horizontal	219	2.44	-	31.89	5.94	31.91
PK	5.929G	61.44	68.20	-6.76	55.09	3	Horizontal	219	2.44	-	32.40	5.94	31.99

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

13/04/2020

5755MHz_TX



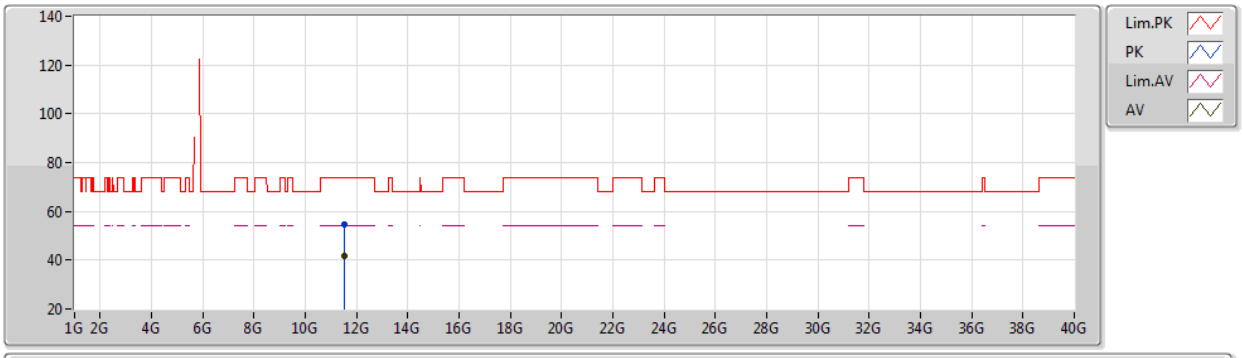
EUT Z_2TX
Setting 25.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.50048G	55.10	74.00	-18.90	41.10	3	Vertical	47	1.55	-	39.65	8.13	33.78
AV	11.50016G	41.80	54.00	-12.20	27.80	3	Vertical	47	1.55	-	39.65	8.13	33.78

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

13/04/2020

5755MHz_TX



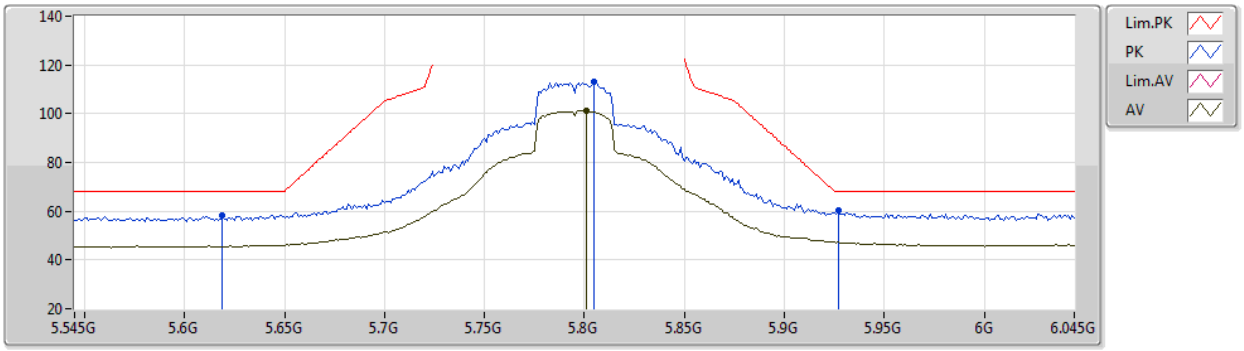
EUT Z_2TX
Setting 25.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.51412G	54.63	74.00	-19.37	40.65	3	Horizontal	24	2.20	-	39.63	8.13	33.78
AV	11.506G	41.64	54.00	-12.36	27.65	3	Horizontal	24	2.20	-	39.64	8.13	33.78

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

13/04/2020



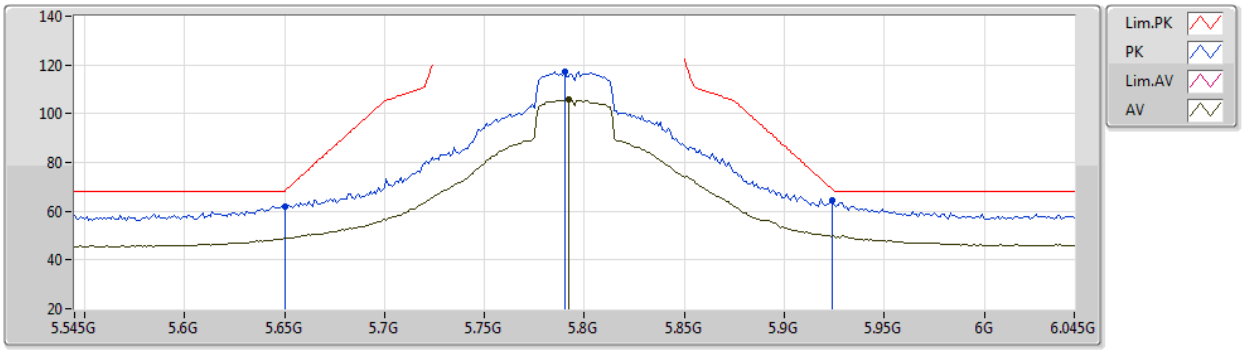
EUT Z_2TX
Setting 25.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.619G	58.49	68.20	-9.71	52.91	3	Vertical	265	1.48	-	31.62	5.82	31.86
PK	5.805G	113.14	Inf	-Inf	106.96	3	Vertical	265	1.48	-	32.12	6.00	31.94
AV	5.801G	101.11	Inf	-Inf	94.95	3	Vertical	265	1.48	-	32.10	6.00	31.94
PK	5.927G	60.13	68.20	-8.07	53.78	3	Vertical	265	1.48	-	32.40	5.94	31.99

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

13/04/2020



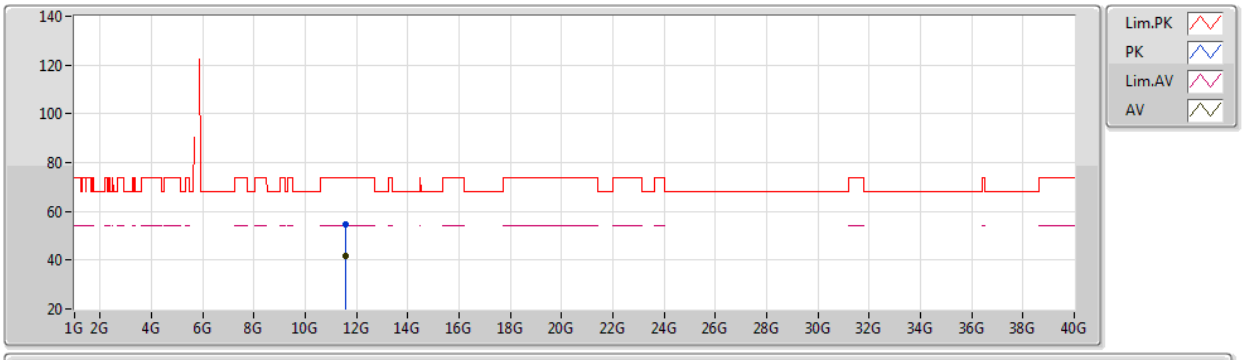
EUT Z_2TX
Setting 25.5
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	62.01	68.20	-6.19	56.39	3	Horizontal	262	3.00	-	31.65	5.84	31.87
PK	5.79G	117.24	Inf	-Inf	111.13	3	Horizontal	262	3.00	-	32.06	5.99	31.94
AV	5.792G	105.64	Inf	-Inf	99.52	3	Horizontal	262	3.00	-	32.07	5.99	31.94
PK	5.924G	64.47	68.94	-4.47	58.12	3	Horizontal	262	3.00	-	32.40	5.94	31.99

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

13/04/2020

5795MHz_TX



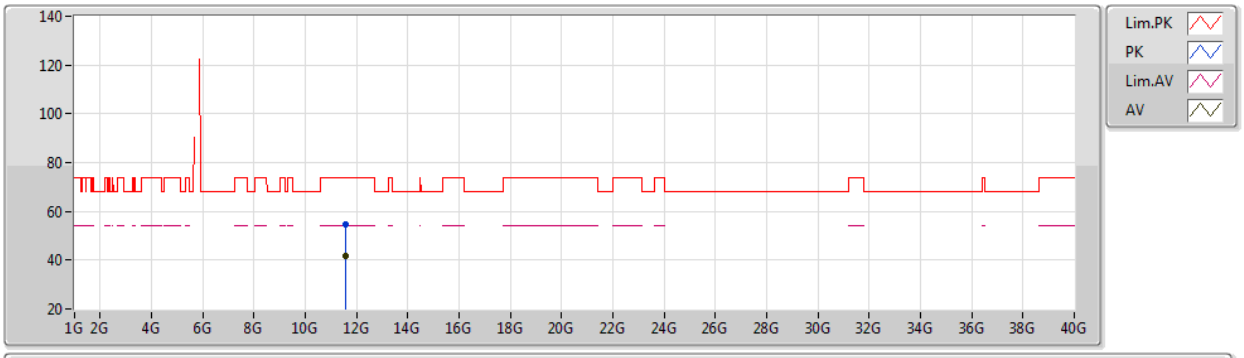
EUT Z_2TX
Setting 25.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.58592G	54.64	74.00	-19.36	40.76	3	Vertical	59	1.82	-	39.52	8.16	33.80
AV	11.59312G	41.69	54.00	-12.31	27.82	3	Vertical	59	1.82	-	39.51	8.16	33.80

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

13/04/2020

5795MHz_TX



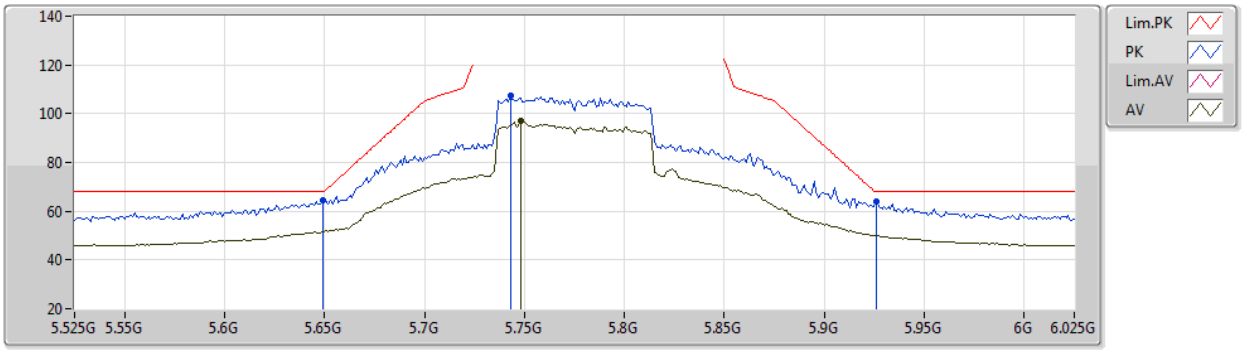
EUT Z_2TX
Setting 25.5
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.59464G	54.91	74.00	-19.09	41.04	3	Horizontal	39	2.15	-	39.51	8.16	33.80
AV	11.59532G	41.73	54.00	-12.27	27.86	3	Horizontal	39	2.15	-	39.51	8.16	33.80

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

13/04/2020



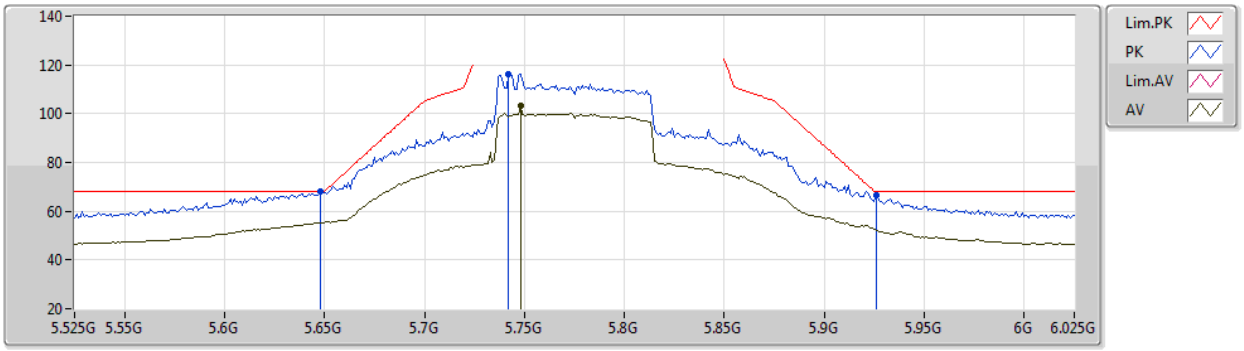
EUT Z_2TX
Setting 23
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.649G	64.65	68.20	-3.55	59.03	3	Vertical	193	1.01	-	31.65	5.84	31.87
PK	5.743G	107.16	Inf	-Inf	101.26	3	Vertical	193	1.01	-	31.87	5.94	31.91
AV	5.748G	96.88	Inf	-Inf	90.96	3	Vertical	193	1.01	-	31.89	5.94	31.91
PK	5.926G	63.74	68.20	-4.46	57.39	3	Vertical	193	1.01	-	32.40	5.94	31.99

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

13/04/2020

5775MHz_TX



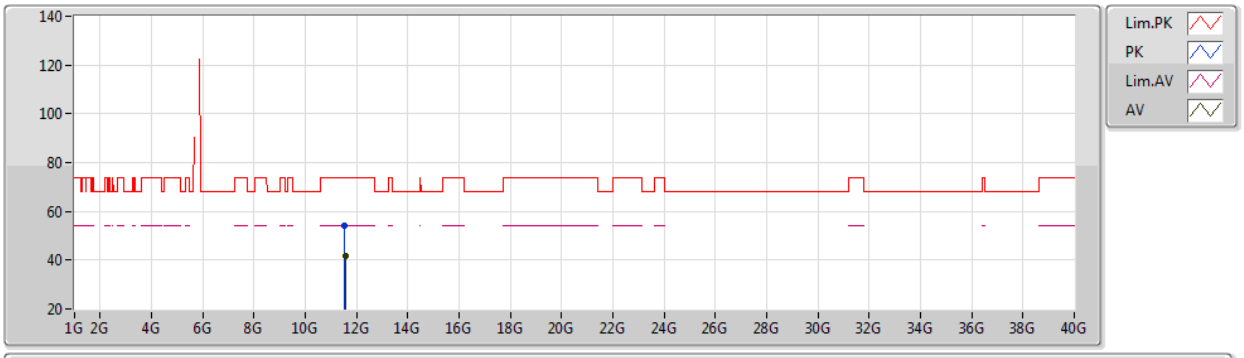
EUT Z_2TX
Setting 23
06-E-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.648G	68.18	68.20	-0.02	62.56	3	Horizontal	270	2.97	-	31.65	5.84	31.87
PK	5.742G	116.30	Inf	-Inf	110.40	3	Horizontal	270	2.97	-	31.87	5.94	31.91
AV	5.748G	103.21	Inf	-Inf	97.29	3	Horizontal	270	2.97	-	31.89	5.94	31.91
PK	5.926G	66.59	68.20	-1.61	60.24	3	Horizontal	270	2.97	-	32.40	5.94	31.99

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

13/04/2020



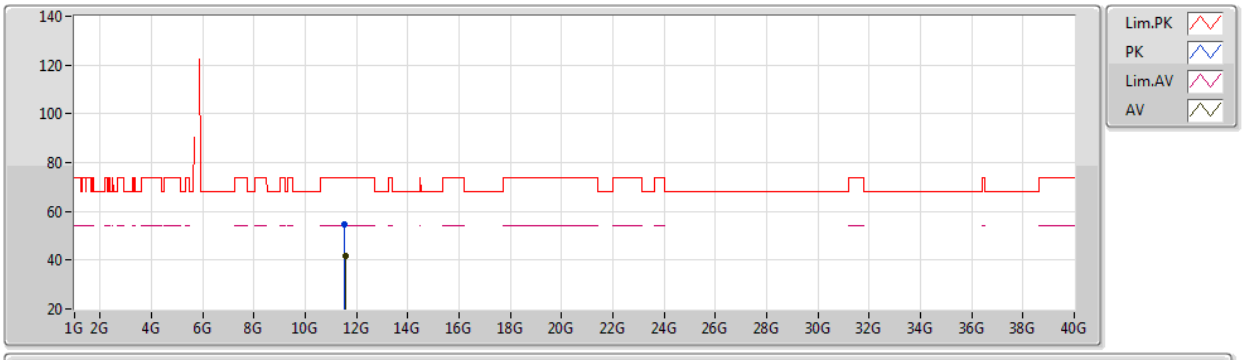
EUT Z_2TX
Setting 23
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.54188G	54.38	74.00	-19.62	40.44	3	Vertical	91	1.75	-	39.59	8.14	33.79
AV	11.55924G	41.66	54.00	-12.34	27.74	3	Vertical	91	1.75	-	39.56	8.15	33.79

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

13/04/2020



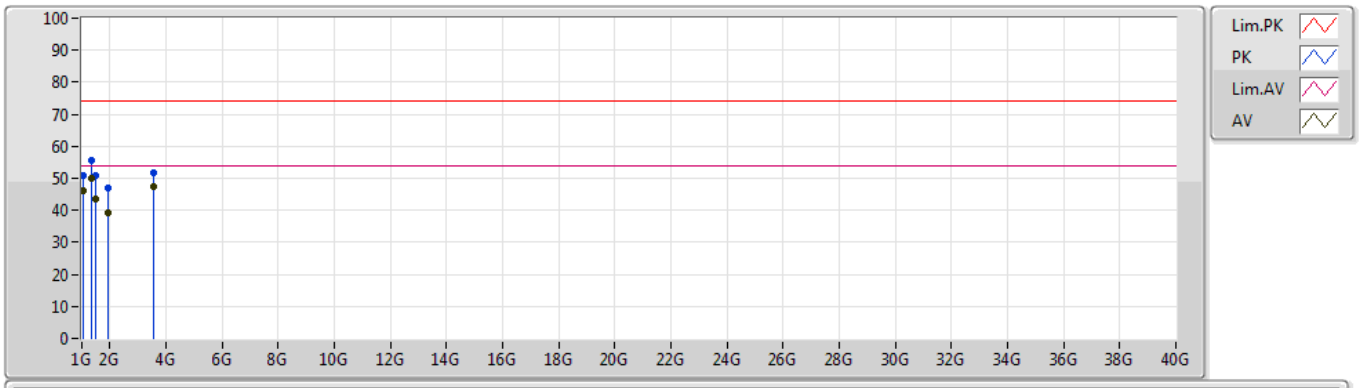
EUT Z_2TX
Setting 23
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.54284G	54.66	74.00	-19.34	40.72	3	Horizontal	337	2.09	-	39.59	8.14	33.79
AV	11.55016G	41.57	54.00	-12.43	27.65	3	Horizontal	337	2.09	-	39.57	8.14	33.79

Summary

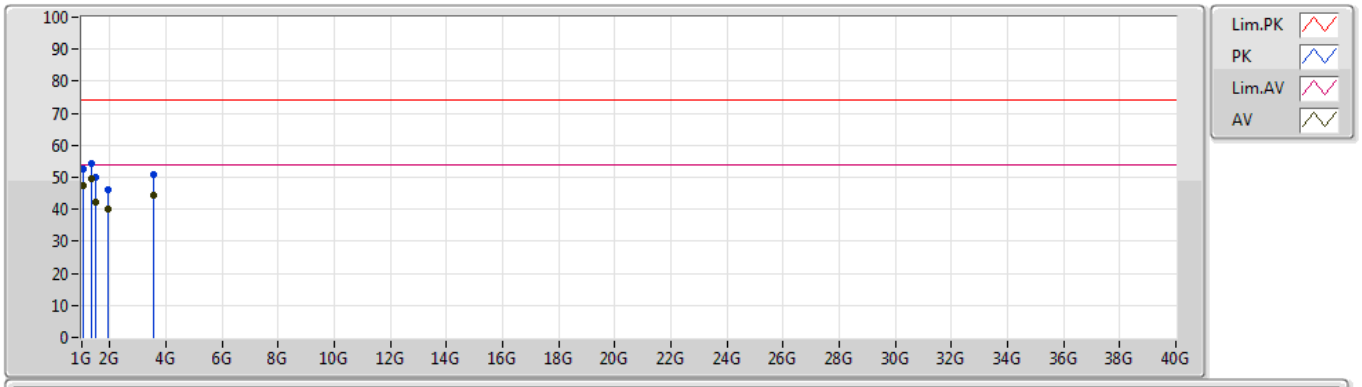
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.33521G	50.00	54.00	-4.00	Vertical

14/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	1.03881G	50.86	74.00	-23.14	-11.49	3	Vertical	213	1.50	-	62.35	23.68	2.25	37.42
AV	1.0384G	46.00	54.00	-8.00	-11.50	3	Vertical	213	1.50	-	57.50	23.68	2.25	37.43
PK	1.33518G	55.72	74.00	-18.28	-8.31	3	Vertical	185	1.42	-	64.03	25.28	2.55	36.14
AV	1.33521G	50.00	54.00	-4.00	-8.31	3	Vertical	185	1.42	"Worst"	58.31	25.28	2.55	36.14
PK	1.48352G	50.65	74.00	-23.35	-7.32	3	Vertical	152	1.00	-	57.97	25.60	2.68	35.60
AV	1.48357G	43.54	54.00	-10.46	-7.32	3	Vertical	152	1.00	-	50.86	25.60	2.68	35.60
PK	1.91991G	46.77	74.00	-27.23	-4.97	3	Vertical	127	1.57	-	51.74	27.00	3.08	35.05
AV	1.92017G	39.23	54.00	-14.77	-4.97	3	Vertical	127	1.57	-	44.20	27.00	3.08	35.05
PK	3.56057G	51.75	74.00	-22.25	0.72	3	Vertical	213	1.00	-	51.03	30.62	4.22	34.12
AV	3.56037G	47.23	54.00	-6.77	0.72	3	Vertical	213	1.00	-	46.51	30.62	4.22	34.12

14/05/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	1.03849G	52.63	74.00	-21.37	-11.50	3	Horizontal	52	1.28	-	64.13	23.68	2.25	37.43
AV	1.03849G	47.40	54.00	-6.60	-11.50	3	Horizontal	52	1.28	-	58.90	23.68	2.25	37.43
PK	1.33518G	54.17	74.00	-19.83	-8.31	3	Horizontal	59	1.24	-	62.48	25.28	2.55	36.14
AV	1.33521G	49.63	54.00	-4.37	-8.31	3	Horizontal	59	1.24	"Worst"	57.94	25.28	2.55	36.14
PK	1.4836G	49.96	74.00	-24.04	-7.32	3	Horizontal	240	1.00	-	57.28	25.60	2.68	35.60
AV	1.48349G	42.27	54.00	-11.73	-7.32	3	Horizontal	240	1.00	-	49.59	25.60	2.68	35.60
PK	1.92005G	45.94	74.00	-28.06	-4.97	3	Horizontal	141	1.00	-	50.91	27.00	3.08	35.05
AV	1.92015G	40.23	54.00	-13.77	-4.97	3	Horizontal	141	1.00	-	45.20	27.00	3.08	35.05
PK	3.56036G	50.83	74.00	-23.17	0.72	3	Horizontal	151	1.00	-	50.11	30.62	4.22	34.12
AV	3.56035G	44.54	54.00	-9.46	0.72	3	Horizontal	151	1.00	-	43.82	30.62	4.22	34.12