FCC RADIO TEST REPORT

FCC ID	:	**MSQ-RTAXIA00**
Equipment	:	**Dual Band Wi-Fi Router**
Brand Name	:	**ASUS**
Model Name	:	**RT-AX68U**
Applicant	:	**ASUSTeK COMPUTER INC.** **1F., No. 15, Lide Rd., Beitou, Taipei 112, Taiwan**
Manufacturer (1)	:	**Compal Networking (KunShan) Co., LTD.** **No. 520, Nanbang Rd., Economic & Technical Development Zone Kunshan, Jiangsu Province China**
Manufacturer (2)	:	**ARCADYAN TECHNOLOGY (VIETNAM) CO., LTD.** **Ba Thien Industrial Park, Ba Hien commune, Binh Xuyen district, Vinh Phuc Province**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Apr. 07, 2020, and testing was started from Apr. 08, 2020 and completed on Jul. 23, 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.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR040722AB	01	Initial issue of report	Jul. 31, 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:
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: Viola Huang

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), ax (HEW20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	3
5.15-5.25GHz	802.11n HT20	20	3
5.15-5.25GHz	802.11n HT20-BF	20	3
5.15-5.25GHz	802.11ac VHT20	20	3
5.15-5.25GHz	802.11ac VHT20-BF	20	3
5.15-5.25GHz	802.11ax HEW20	20	3
5.15-5.25GHz	802.11ax HEW20-BF	20	3
5.15-5.25GHz	802.11n HT40	40	3
5.15-5.25GHz	802.11n HT40-BF	40	3
5.15-5.25GHz	802.11ac VHT40	40	3
5.15-5.25GHz	802.11ac VHT40-BF	40	3
5.15-5.25GHz	802.11ax HEW40	40	3
5.15-5.25GHz	802.11ax HEW40-BF	40	3
5.15-5.25GHz	802.11ac VHT80	80	3
5.15-5.25GHz	802.11ac VHT80-BF	80	3
5.15-5.25GHz	802.11ax HEW80	80	3
5.15-5.25GHz	802.11ax HEW80-BF	80	3
5.725-5.85GHz	802.11a	20	3
5.725-5.85GHz	802.11n HT20	20	3
5.725-5.85GHz	802.11n HT20-BF	20	3
5.725-5.85GHz	802.11ac VHT20	20	3
5.725-5.85GHz	802.11ac VHT20-BF	20	3
5.725-5.85GHz	802.11ax HEW20	20	3
5.725-5.85GHz	802.11ax HEW20-BF	20	3
5.725-5.85GHz	802.11n HT40	40	3

Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11n HT40-BF	40	3
5.725-5.85GHz	802.11ac VHT40	40	3
5.725-5.85GHz	802.11ac VHT40-BF	40	3
5.725-5.85GHz	802.11ax HEW40	40	3
5.725-5.85GHz	802.11ax HEW40-BF	40	3
5.725-5.85GHz	802.11ac VHT80	80	3
5.725-5.85GHz	802.11ac VHT80-BF	80	3
5.725-5.85GHz	802.11ax HEW80	80	3
5.725-5.85GHz	802.11ax HEW80-BF	80	3

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Set	Ant.	Port	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	1	1	M.gear	C660-510507-A	Dipole Antenna	I-PEX	Note 1
	2	2	M.gear	C660-510508-A	Dipole Antenna	I-PEX	
	3	3	M.gear	C660-510510-A	Dipole Antenna	I-PEX	
2	1	1	PSA	RFDPA140813IMLB701	Dipole Antenna	I-PEX	
	2	2	PSA	RFDPA140806IMLB701	Dipole Antenna	I-PEX	
	3	3	PSA	RFDPA140805IMLB701	Dipole Antenna	I-PEX	
3	1	1	Airgain	M03ASACB-B1X175BU	Dipole Antenna	I-PEX	
	2	2	Airgain	M03ASACB-HSR3-B1X105BU	Dipole Antenna	I-PEX	
	3	3	Airgain	M03ASACB-HSY3-B1X95BU	Dipole Antenna	I-PEX	

Note 1:

Set	Ant.	Port	Gain (dBi)	
			2.4GHz	5GHz
1	1	1	1.69	1.89
	2	2	1.70	1.70
	3	3	1.71	1.86
2	1	1	1.68	1.84
	2	2	1.69	1.70
	3	3	1.66	1.81
3	1	1	1.48	1.47
	2	2	1.70	0.80
	3	3	1.30	0.80

Note 2: The above information was declared by manufacturer.

Note 3: The EUT has two set of antenna and each set has three antennas. There are the same type, so only the highest gain set 1 antenna was selected to test and record in this report.

For 2.4GHz function:

IEEE 802.11b/g/n/VHT/ax (3TX/3RX):

Port 1, Port 2 and Port 3 can be used as transmitting/receiving antenna.

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

For 5GHz function:

IEEE 802.11a/n/ac/ax (3TX/3RX):

Port 1, Port 2 and Port 3 can be used as transmitting/receiving antenna.

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

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_3TX	0.976	0.11	4.069m	300
802.11ax HEW80_Nss3,(MCS0)_3TX	0.927	0.33	397.5u	3k
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	0.951	0.22	2.932m	1k
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	0.96	0.18	4.365m	300
802.11ax HEW80-BF_Nss1,(MCS0)_3TX	0.957	0.19	4.144m	300
802.11ax HEW80-BF_Nss2,(MCS0)_3TX	0.926	0.33	4.834m	300

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 11n/VHT/11ax in 2.4GHz and 11n/11ac/11ax in 5GHz.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	Non beamforming mode: Mtool V3.2.0.0 Beamforming mode: Telnet			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT supports functions

Function	Support Type
AP Router	Master
Bridge	Slave without radar detection
Repeater	Master
Mesh	Master

Note: After evaluating, there are only AP Router and Mesh were selected to test and record in the report.

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	TH02-CB	Serway Li	23.4~24.4°C / 59~63%	May 12, 2020
Radiated below 1GHz	03CH05-CB	Stim Sung	32.1~33.3°C / 42~45%	Jun. 30, 2020
Radiated above 1GHz	03CH02-CB	Stim Sung	23.9~24.5°C / 52~23%	Apr. 08, 2020 ~ May 18, 2020
	03CH06-CB	Stim Sung	24.2~24.5°C / 52~53%	Apr. 08, 2020 ~ May 18, 2020
Radiated above 1GHz (For co-location)	03CH02-CB	JN Du	25.8~26.7°C / 59~61%	Jul. 23, 2020
AC Conduction	CO01-CB	Ryo Fan	21~22°C / 60~61%	Jun. 19, 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)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.6 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_Nss1,(6Mbps)_3TX	-
5180MHz	94
5200MHz	98
5240MHz	99
5745MHz	102
5785MHz	103
5825MHz	104
802.11ax HEW80_Nss3,(MCS0)_3TX	-
5210MHz	83
5775MHz	93
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	-
5180MHz	84
5200MHz	97
5240MHz	97
5745MHz	98
5785MHz	98
5825MHz	99
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	-
5190MHz	81
5230MHz	97
5755MHz	98
5795MHz	98
802.11ax HEW80-BF_Nss1,(MCS0)_3TX	-
5210MHz	83
5775MHz	97
802.11ax HEW80-BF_Nss2,(MCS0)_3TX	-
5210MHz	83
5775MHz	92

Note:
- VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.
- There are two modes of EUT for 802.11n/VHT/ax in 2.4GHz and 802.11n/ac/ax in 5GHz. One is beamforming mode, and the other is non-beamforming mode, 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 Router mode-EUT + Adapter 1 + Antenna Set 1
2	AP Router mode-EUT + Adapter 2 + Antenna Set 1
Mode 2 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 ~ 4 will follow this same test mode.	
3	Mesh mode-EUT_2.4GHz + Adapter 2 + Antenna Set 1
4	Mesh mode-EUT_5GHz + Adapter 2 + Antenna Set 1
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
1	EUT + Antenna Set 1

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	EUT_2.4GHz + Adapter 1 + Antenna Set 1
2	EUT_2.4GHz + Adapter 2 + Antenna Set 1
Mode 2 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT_5GHz + Adapter 2 + Antenna Set 1
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
1	EUT + Antenna Set 1

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz + WLAN 5GHz - EUT + Antenna Set 1
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- EUT + Antenna Set 1
Refer to Sporton Test Report No.: FA040722 for Co-location RF Exposure Evaluation.	

Note: The EUT can only use Y axis position.

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 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 Telnet.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by RX device and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter 1	DELTA	ADP-33AW Y	Input: 100-240V ~ 1.0A, 50-60Hz Output: 19.0V, 1.75A 33.0W
Adapter 2	PI	AD2131320	Input: 100-240V ~ 50/60Hz 0.8A Output: 19.0V, 1.75A 33.0W
Others			
RJ-45 cable*1: Non-shielded, 1.5m			

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	HDD3.0	WD	WDBACY5000AWT	N/A
B	LAN1 NB	DELL	E6430	N/A
C	LAN4 NB	DELL	E6430	N/A
D	2.4G NB	DELL	E6430	N/A
E	5G NB	DELL	E6430	N/A
F	HDD3.0	WD	WDBACY5000AWT	N/A
G	WAN NB	DELL	T3400	N/A

For Radiated (below 1GHz) and RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A

For Radiated (above 1GHz):
For non beamforming mode

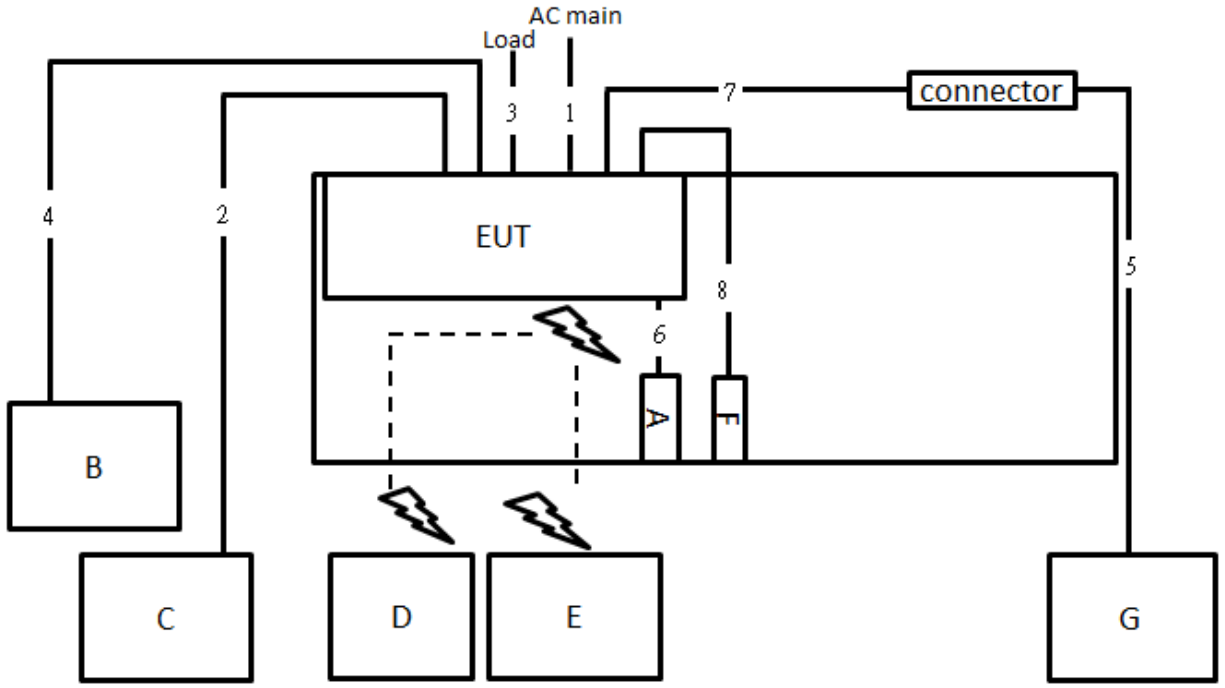
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A

For beamforming mode

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	RX Device	ASUS	RT-AX82U	N/A
C	Notebook	DELL	E4300	N/A

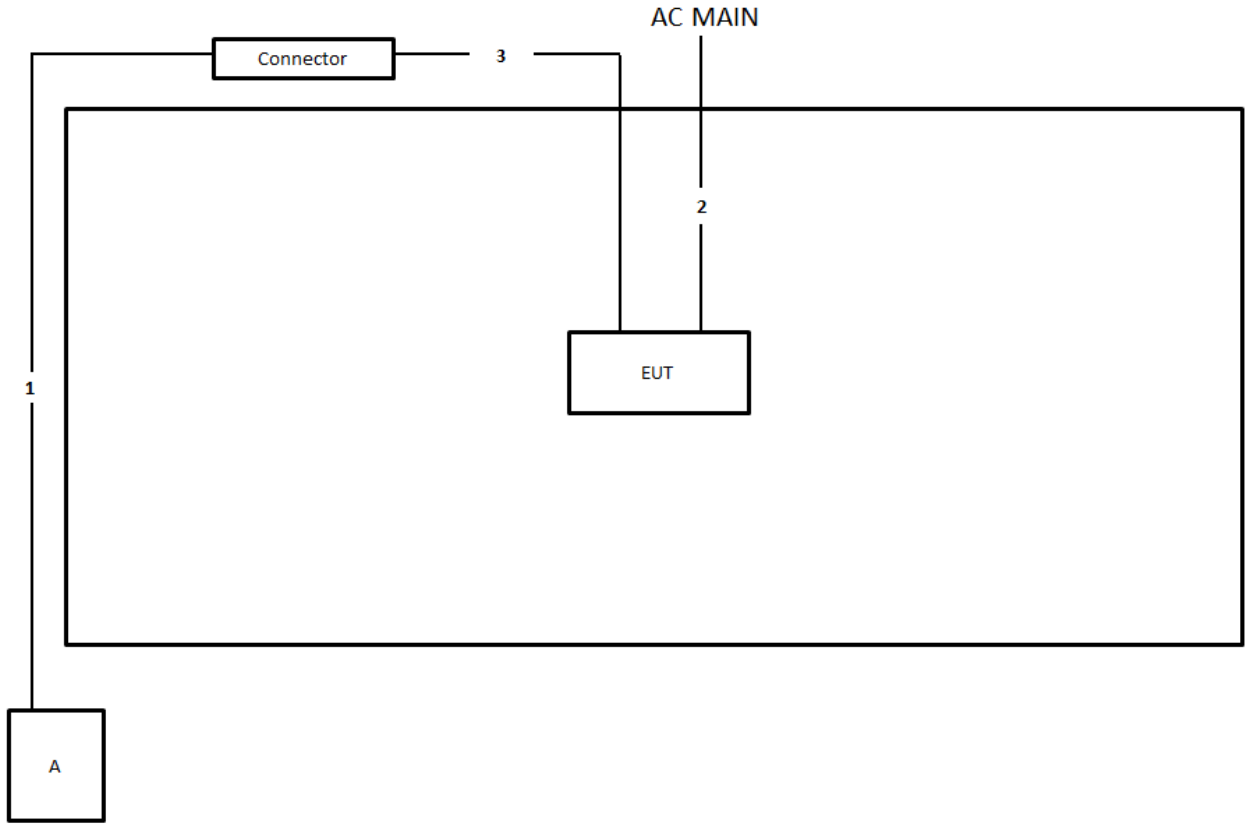
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



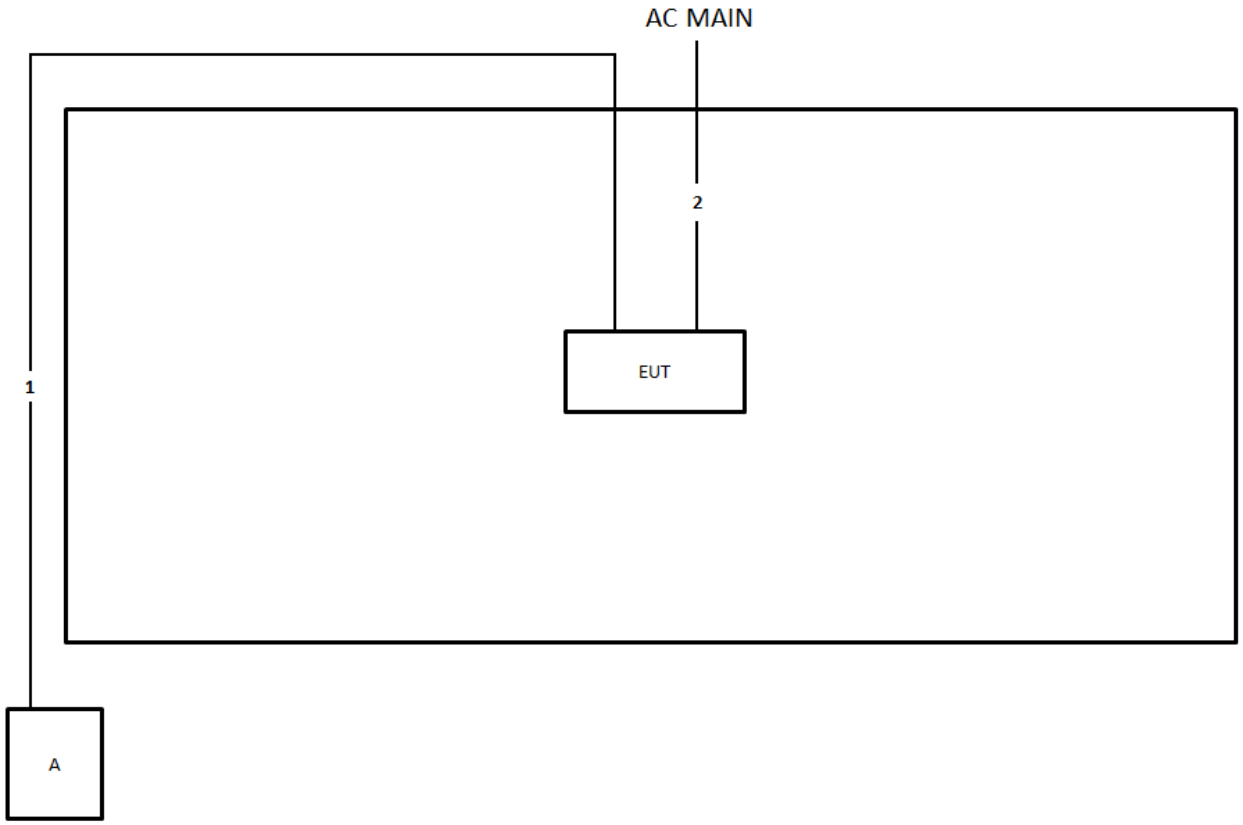
Item	Connection	Shielded	Length
1	Power cable	No	1.9m
2	RJ-45 cable	No	10m
3	RJ-45 cable*2	No	1.5m
4	RJ-45 cable	No	10m
5	RJ-45 cable	No	10m
6	USB cable	Yes	1.8m
7	RJ-45 cable	No	1.5m
8	USB cable	Yes	1.8m

Test Setup Diagram - Radiated Test < 1GHz



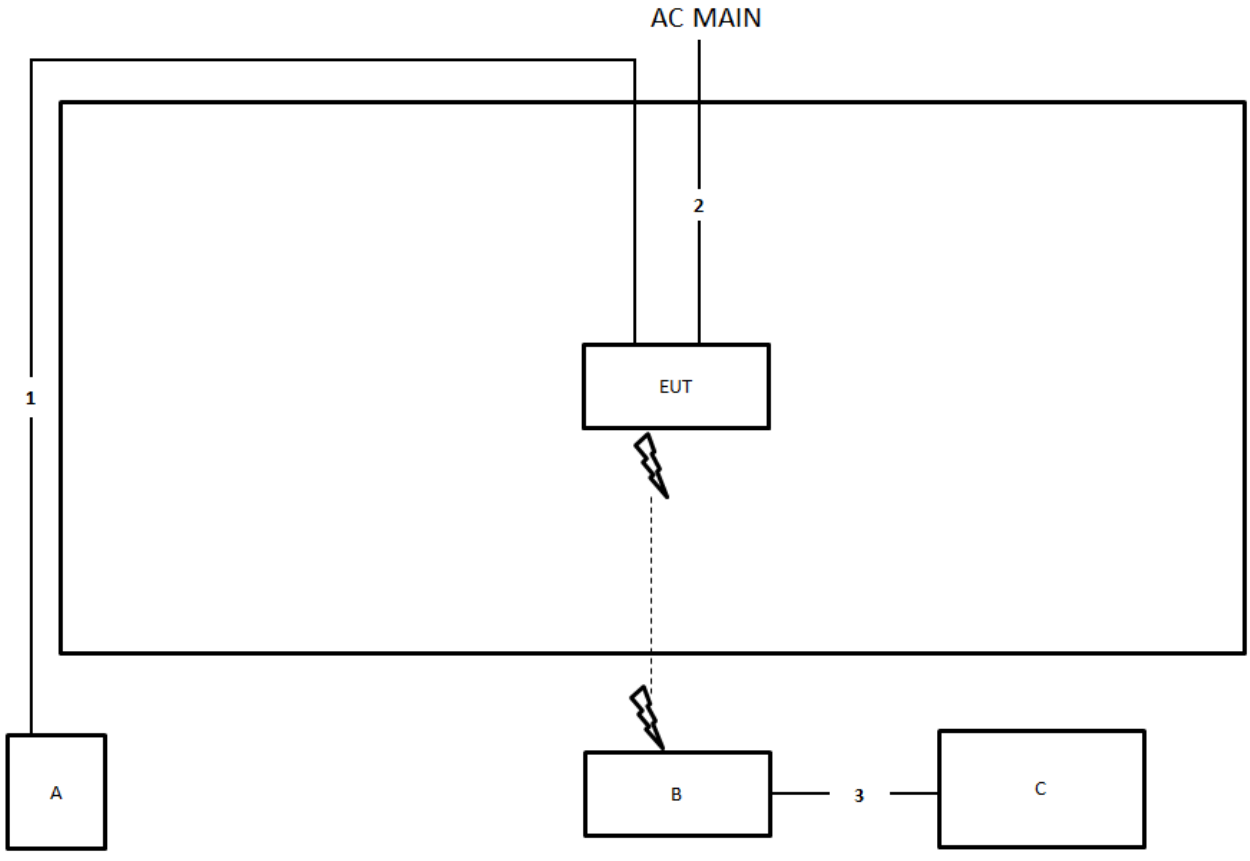
Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.9m
3	RJ-45 cable	No	1.5m

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



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.9m

Test Setup Diagram - Radiated Test > 1GHz / Beamforming mode



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.9m
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

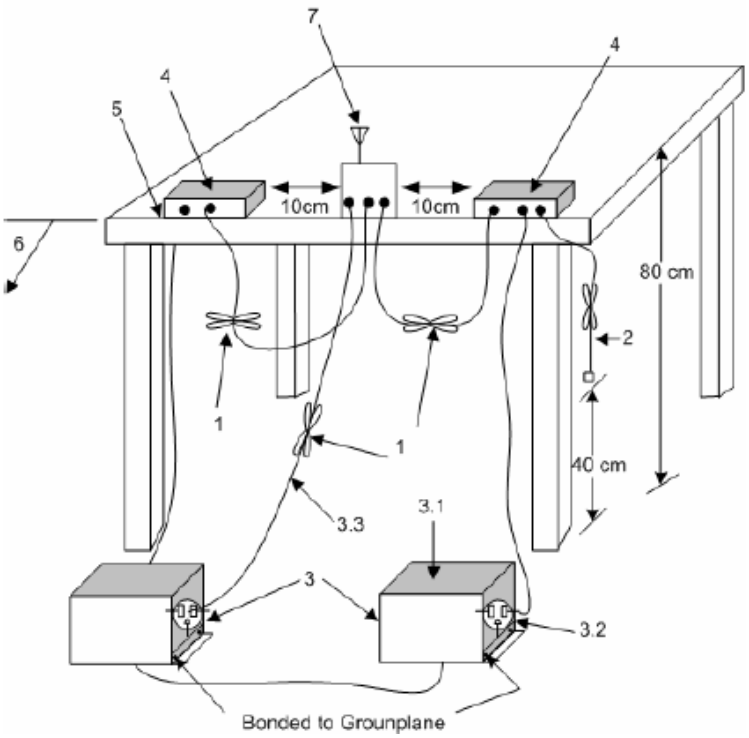
Refer a test equipment and calibration data table in this test report.

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

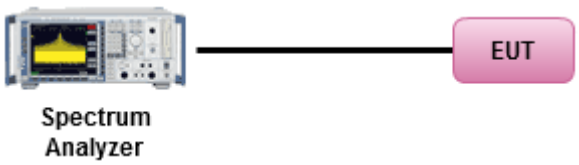
Refer a test equipment and calibration data table in this test report.

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.	

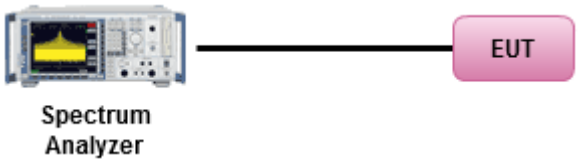
3.4.2 Measuring Instruments

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.

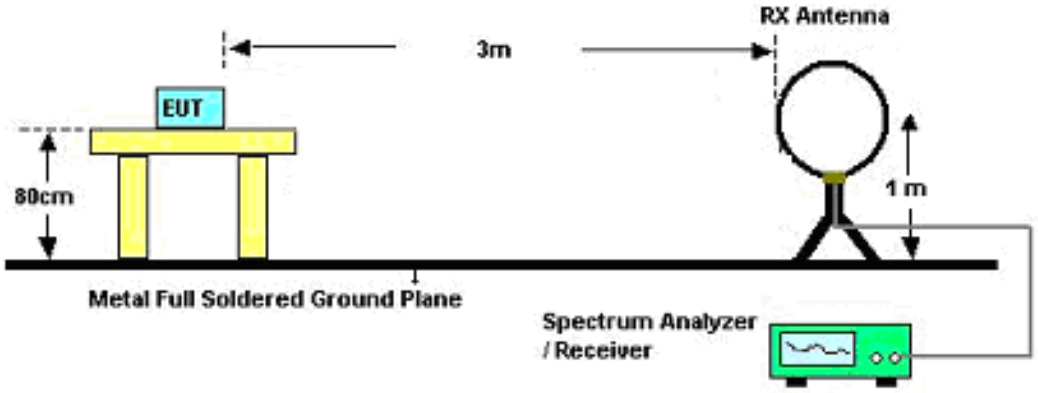
3.5.3 Test Procedures

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.			

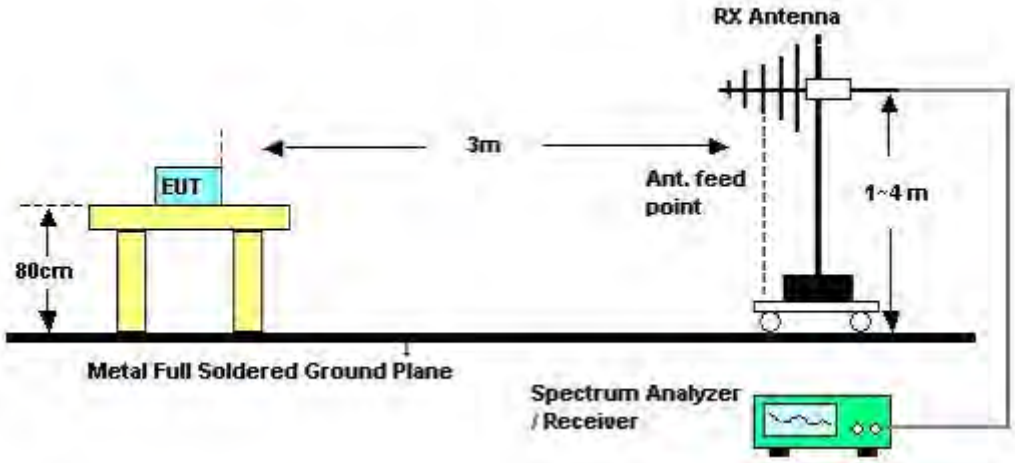
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

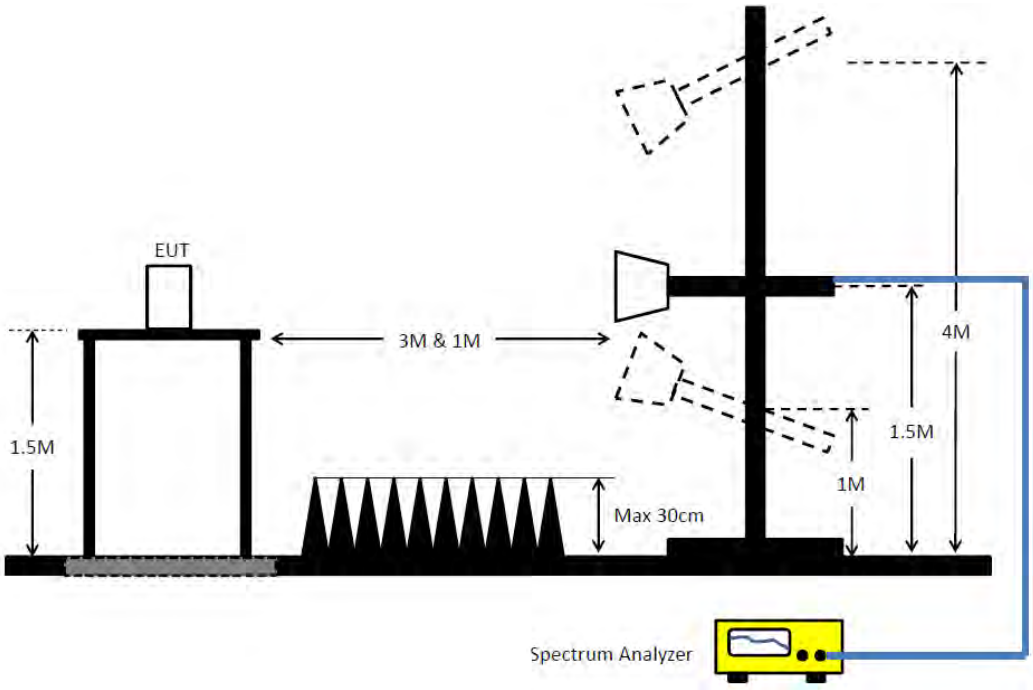
9kHz ~30MHz



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 20, 2020	May 19, 2021	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 27, 2020	Mar. 26, 2021	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 28, 2020	Apr. 27, 2021	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Aug. 15, 2019	Aug. 14, 2020	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	LOW Cable-04+23	30MHz~1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-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)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 11, 2020	Jun. 10, 2021	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Aug. 21, 2019	Aug. 20, 2020	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 13, 2020	Jul. 12, 2021	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH02-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 19, 2020	Jun. 18, 2021	Radiation (03CH02-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Aug. 15, 2019	Aug. 14, 2020	Radiation (03CH02-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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	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	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)
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)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jul. 02, 2019	Jul. 01, 2020	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 11, 2019	Sep. 10, 2020	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 11, 2019	Sep. 10, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-3	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)

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

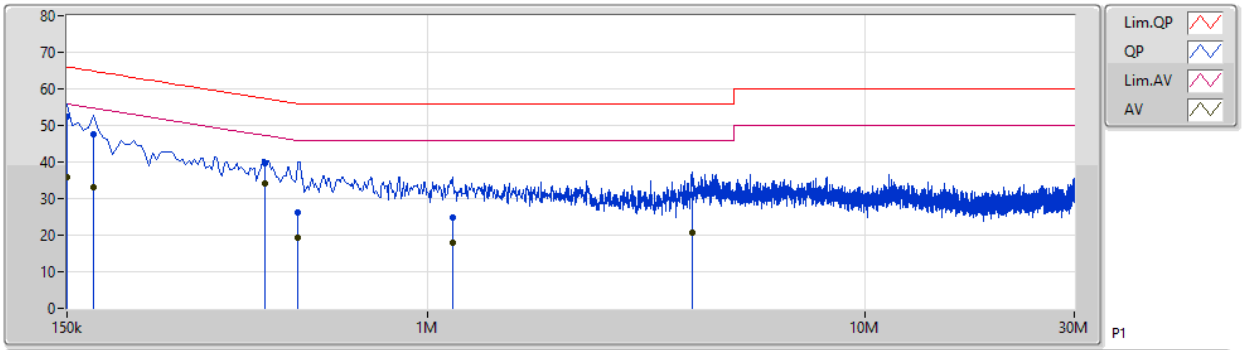
N.C.R. means Non-Calibration required.

Summary

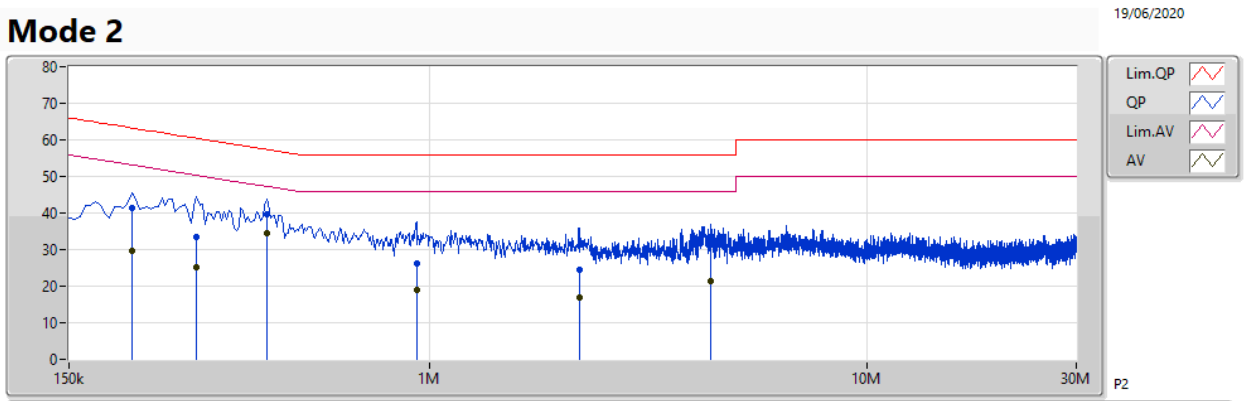
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition
Mode 2	Pass	AV	424.5k	34.47	47.36	-12.89	9.88	Neutral

Mode 2

19/06/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	52.32	66.00	-13.68	9.87	Line	-	42.45	0.05	0.03	9.79
AV	150k	35.85	56.00	-20.15	9.87	Line	-	25.98	0.05	0.03	9.79
QP	172.5k	47.66	64.83	-17.17	9.87	Line	-	37.79	0.05	0.03	9.79
AV	172.5k	33.24	54.83	-21.59	9.87	Line	-	23.37	0.05	0.03	9.79
QP	424.5k	39.73	57.36	-17.63	9.88	Line	-	29.85	0.04	0.03	9.81
AV	424.5k	34.15	47.36	-13.21	9.88	Line	"Worst"	24.27	0.04	0.03	9.81
QP	505.5k	26.37	56.00	-29.63	9.88	Line	-	16.49	0.04	0.03	9.81
AV	505.5k	19.30	46.00	-26.70	9.88	Line	-	9.42	0.04	0.03	9.81
QP	1.14M	24.77	56.00	-31.23	9.92	Line	-	14.85	0.05	0.05	9.82
AV	1.14M	17.92	46.00	-28.08	9.92	Line	-	8.00	0.05	0.05	9.82
QP	4.029M	30.92	56.00	-25.08	10.03	Line	-	20.89	0.09	0.13	9.81
AV	4.029M	20.84	46.00	-25.16	10.03	Line	-	10.81	0.09	0.13	9.81



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	208.5k	41.23	63.27	-22.04	9.86	Neutral	-	31.37	0.04	0.03	9.79
AV	208.5k	29.79	53.27	-23.48	9.86	Neutral	-	19.93	0.04	0.03	9.79
QP	294k	33.47	60.42	-26.95	9.87	Neutral	-	23.60	0.04	0.03	9.80
AV	294k	25.02	50.42	-25.40	9.87	Neutral	-	15.15	0.04	0.03	9.80
QP	424.5k	39.78	57.36	-17.58	9.88	Neutral	-	29.90	0.04	0.03	9.81
AV	424.5k	34.47	47.36	-12.89	9.88	Neutral	"Worst"	24.59	0.04	0.03	9.81
QP	933k	26.21	56.00	-29.79	9.92	Neutral	-	16.29	0.06	0.04	9.82
AV	933k	19.07	46.00	-26.93	9.92	Neutral	-	9.15	0.06	0.04	9.82
QP	2.193M	24.34	56.00	-31.66	9.98	Neutral	-	14.36	0.07	0.08	9.83
AV	2.193M	16.97	46.00	-29.03	9.98	Neutral	-	6.99	0.07	0.08	9.83
QP	4.394M	32.46	56.00	-23.54	10.05	Neutral	-	22.41	0.10	0.13	9.82
AV	4.394M	21.34	46.00	-24.66	10.05	Neutral	-	11.29	0.10	0.13	9.82

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_3TX	22.89M	16.942M	16M9D1D	21.12M	16.702M
802.11ax HEW80_Nss3,(MCS0)_3TX	81.24M	77.361M	77M4D1D	81.12M	77.001M
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	23.4M	19.16M	19M2D1D	21.33M	19.07M
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	40.32M	37.661M	37M7D1D	39.84M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_3TX	81.36M	76.762M	76M8D1D	81.24M	76.642M
802.11ax HEW80-BF_Nss2,(MCS0)_3TX	81.72M	77.121M	77M1D1D	81.12M	76.882M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_3TX	16.53M	17.481M	17M5D1D	16.26M	17.091M
802.11ax HEW80_Nss3,(MCS0)_3TX	75.72M	77.601M	77M6D1D	75.12M	77.241M
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	18.93M	19.22M	19M2D1D	18.6M	19.16M
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	37.5M	37.841M	37M8D1D	36.96M	37.661M
802.11ax HEW80-BF_Nss1,(MCS0)_3TX	76.32M	77.241M	77M2D1D	75.12M	77.121M
802.11ax HEW80-BF_Nss2,(MCS0)_3TX	77.76M	77.361M	77M4D1D	75.72M	77.121M

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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11a_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.12M	16.792M	21.75M	16.822M	21.69M	16.702M
5200MHz	Pass	Inf	21.6M	16.852M	22.89M	16.942M	21.81M	16.762M
5240MHz	Pass	Inf	21.69M	16.852M	22.53M	16.912M	21.81M	16.822M
5745MHz	Pass	500k	16.53M	17.211M	16.32M	17.121M	16.29M	17.091M
5785MHz	Pass	500k	16.29M	17.451M	16.29M	17.211M	16.32M	17.181M
5825MHz	Pass	500k	16.26M	17.481M	16.32M	17.481M	16.26M	17.391M
802.11ax HEW80_Nss3,(MCS0)_3TX	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.24M	77.001M	81.12M	77.001M	81.24M	77.361M
5775MHz	Pass	500k	75.12M	77.361M	75.12M	77.241M	75.72M	77.601M
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.33M	19.07M	21.42M	19.07M	21.54M	19.07M
5200MHz	Pass	Inf	23.4M	19.13M	22.89M	19.16M	22.95M	19.16M
5240MHz	Pass	Inf	22.74M	19.13M	23.28M	19.13M	22.92M	19.16M
5745MHz	Pass	500k	18.6M	19.22M	18.93M	19.16M	18.87M	19.19M
5785MHz	Pass	500k	18.87M	19.16M	18.9M	19.16M	18.78M	19.19M
5825MHz	Pass	500k	18.9M	19.19M	18.87M	19.19M	18.87M	19.22M
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.2M	37.541M	39.84M	37.481M	39.96M	37.541M
5230MHz	Pass	Inf	40.32M	37.661M	39.96M	37.601M	40.2M	37.601M
5755MHz	Pass	500k	36.96M	37.841M	37.5M	37.721M	37.32M	37.661M
5795MHz	Pass	500k	37.08M	37.841M	37.08M	37.661M	37.26M	37.721M
802.11ax HEW80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.24M	76.642M	81.24M	76.762M	81.36M	76.642M
5775MHz	Pass	500k	76.08M	77.241M	75.12M	77.121M	76.32M	77.241M
802.11ax HEW80-BF_Nss2,(MCS0)_3TX	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.12M	76.882M	81.36M	77.121M	81.72M	77.121M
5775MHz	Pass	500k	75.72M	77.121M	75.96M	77.241M	77.76M	77.361M

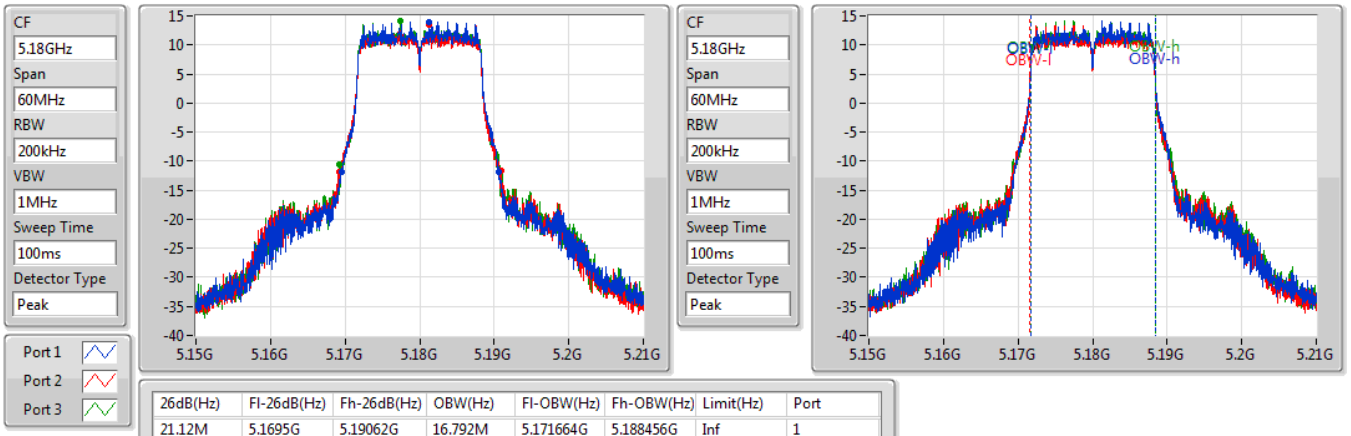
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_3TX

EBW

5180MHz

12/05/2020



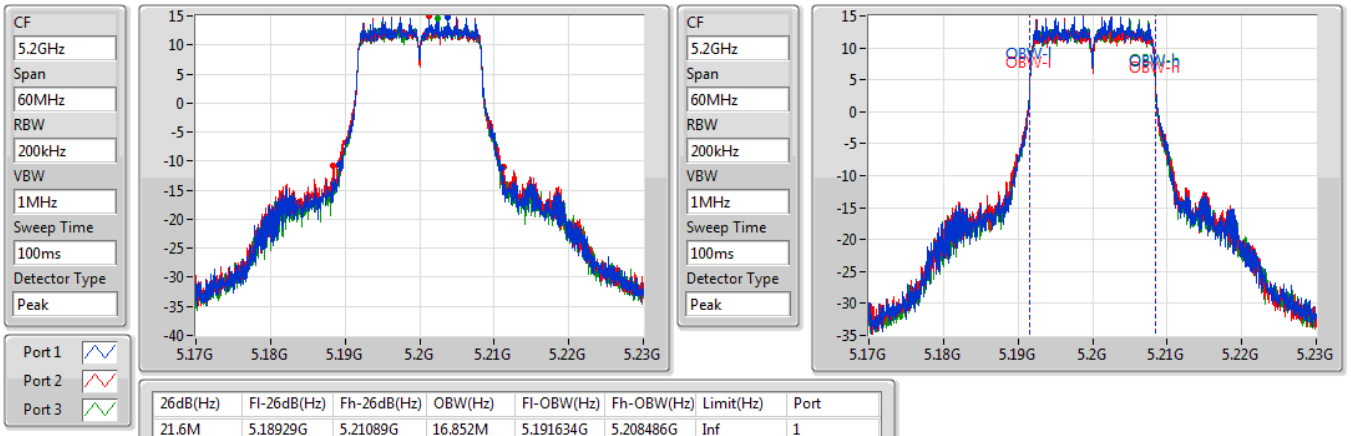
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.12M	5.1695G	5.19062G	16.792M	5.171664G	5.188456G	Inf	1
21.75M	5.16914G	5.19089G	16.822M	5.171604G	5.188426G	Inf	2
21.69M	5.16926G	5.19095G	16.702M	5.171664G	5.188366G	Inf	3

802.11a_Nss1,(6Mbps)_3TX

EBW

5200MHz

12/05/2020



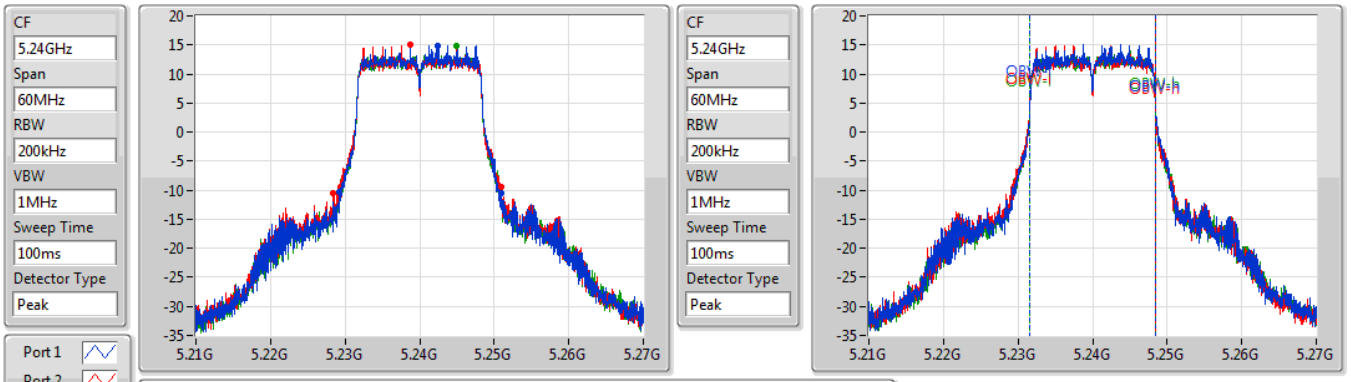
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.18929G	5.21089G	16.852M	5.191634G	5.208486G	Inf	1
22.89M	5.18842G	5.21131G	16.942M	5.191544G	5.208486G	Inf	2
21.81M	5.18917G	5.21098G	16.762M	5.191634G	5.208396G	Inf	3

802.11a_Nss1,(6Mbps)_3TX

EBW

5240MHz

12/05/2020



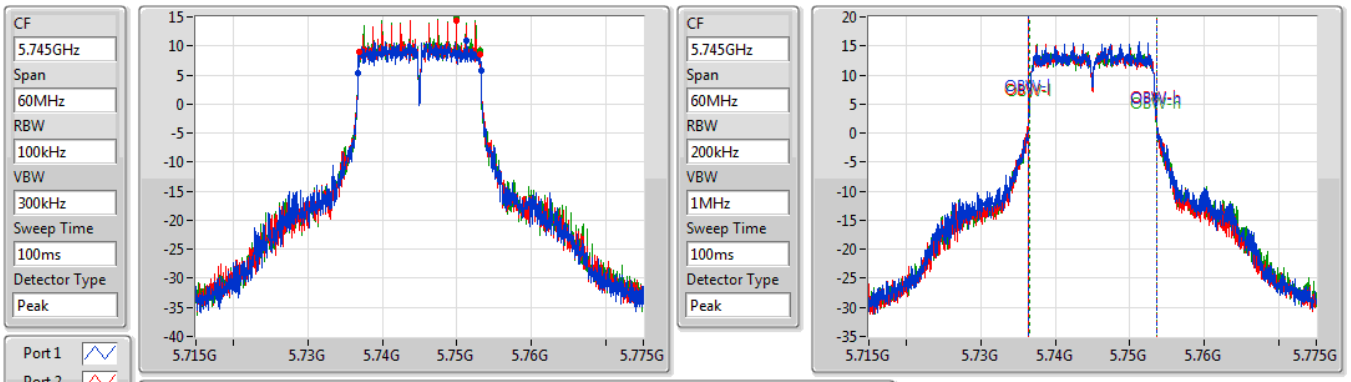
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.22926G	5.25095G	16.852M	5.231634G	5.248486G	Inf	1
22.53M	5.22845G	5.25098G	16.912M	5.231574G	5.248486G	Inf	2
21.81M	5.22914G	5.25095G	16.822M	5.231604G	5.248426G	Inf	3

802.11a_Nss1,(6Mbps)_3TX

EBW

5745MHz

12/05/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.53M	5.73672G	5.75325G	17.211M	5.736454G	5.753666G	500k	1
16.32M	5.73684G	5.75316G	17.121M	5.736454G	5.753576G	500k	2
16.29M	5.73684G	5.75313G	17.091M	5.736484G	5.753576G	500k	3

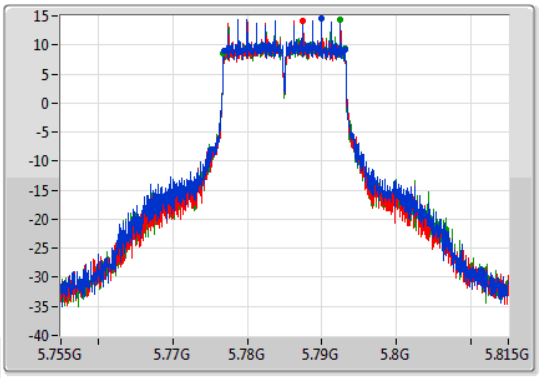
802.11a_Nss1,(6Mbps)_3TX

EBW

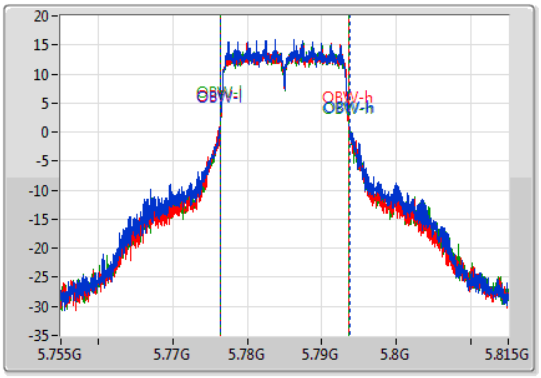
5785MHz

12/05/2020

CF	5.785GHz
Span	60MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	5.785GHz
Span	60MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak



Port 1
Port 2
Port 3

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.77684G	5.79313G	17.451M	5.776364G	5.793816G	500k	1
16.29M	5.77684G	5.79313G	17.211M	5.776424G	5.793636G	500k	2
16.32M	5.77681G	5.79313G	17.181M	5.776454G	5.793636G	500k	3

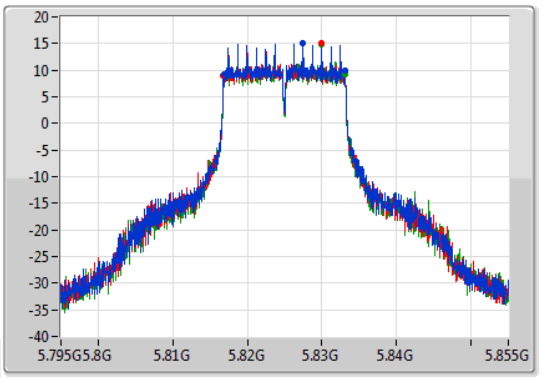
802.11a_Nss1,(6Mbps)_3TX

EBW

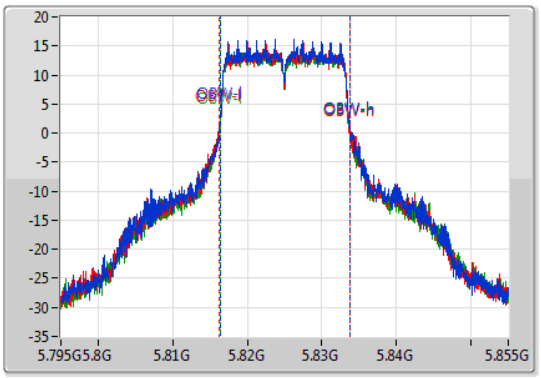
5825MHz

12/05/2020

CF	5.825GHz
Span	60MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	5.825GHz
Span	60MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak



Port 1
Port 2
Port 3

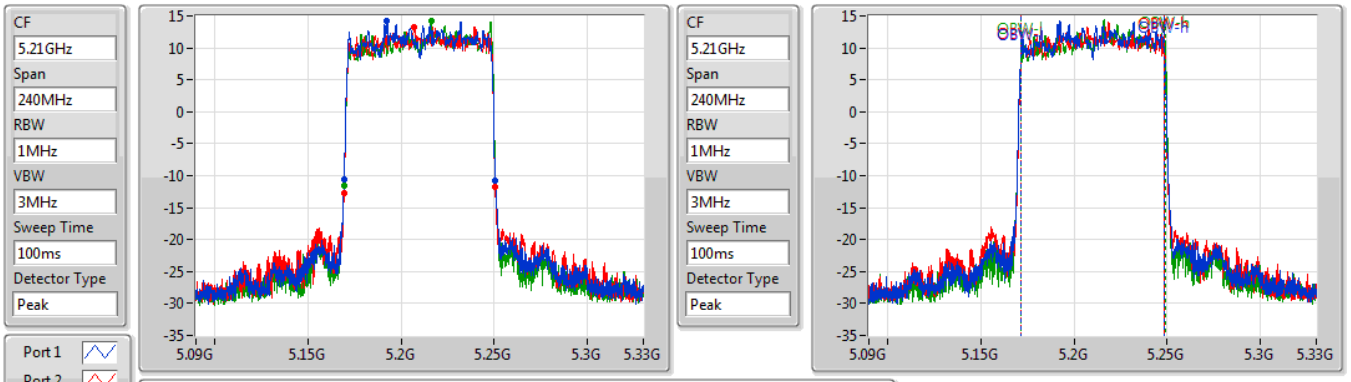
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.26M	5.81684G	5.8331G	17.481M	5.816364G	5.833846G	500k	1
16.32M	5.81681G	5.83313G	17.481M	5.816304G	5.833786G	500k	2
16.26M	5.81687G	5.83313G	17.391M	5.816394G	5.833786G	500k	3

802.11ax HEW80_Nss3,(MCS0)_3TX

EBW

5210MHz

12/05/2020



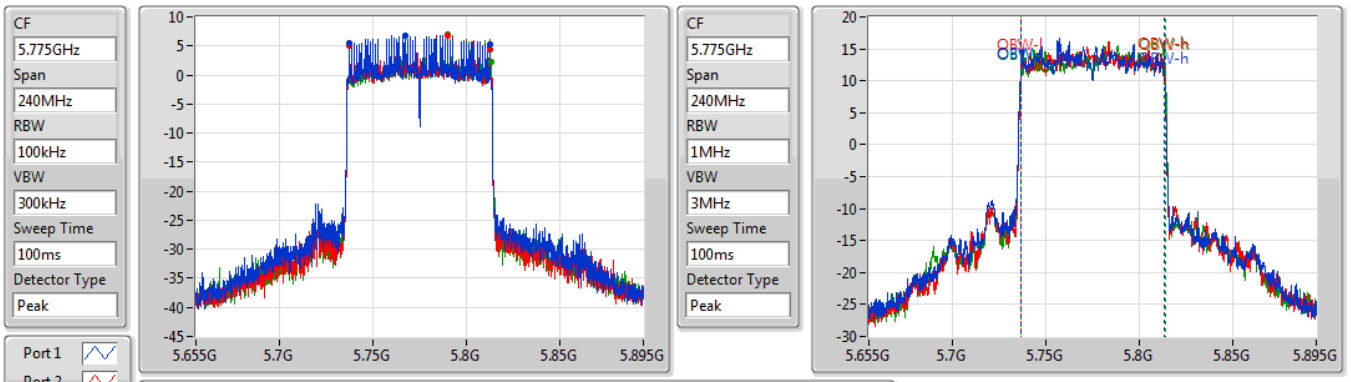
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	5.16944G	5.25068G	77.001M	5.171619G	5.248621G	Inf	1
81.12M	5.16944G	5.25056G	77.001M	5.171619G	5.248621G	Inf	2
81.24M	5.16944G	5.25068G	77.361M	5.171619G	5.248981G	Inf	3

802.11ax HEW80_Nss3,(MCS0)_3TX

EBW

5775MHz

12/05/2020



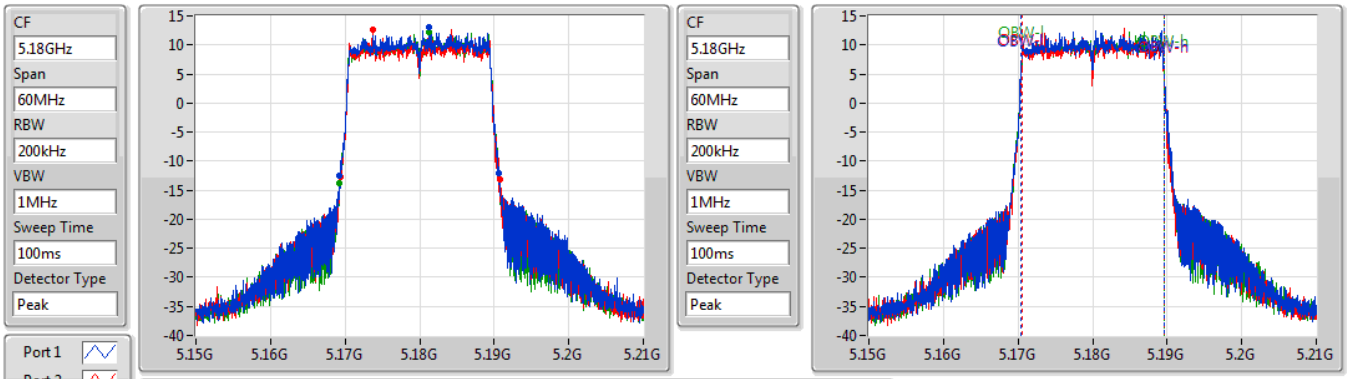
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.12M	5.73744G	5.81256G	77.361M	5.736259G	5.813621G	500k	1
75.12M	5.73744G	5.81256G	77.241M	5.736499G	5.813741G	500k	2
75.72M	5.73744G	5.81316G	77.601M	5.736379G	5.813981G	500k	3

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

EBW

5180MHz

12/05/2020



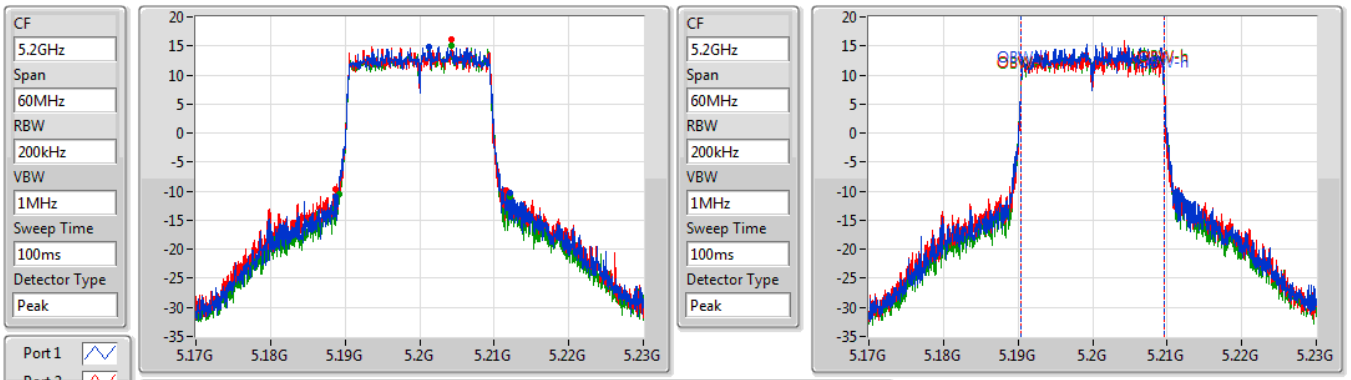
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.33M	5.16929G	5.19062G	19.07M	5.170465G	5.189535G	Inf	1
21.42M	5.16938G	5.1908G	19.07M	5.170495G	5.189565G	Inf	2
21.54M	5.16923G	5.19077G	19.07M	5.170495G	5.189565G	Inf	3

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

EBW

5200MHz

12/05/2020



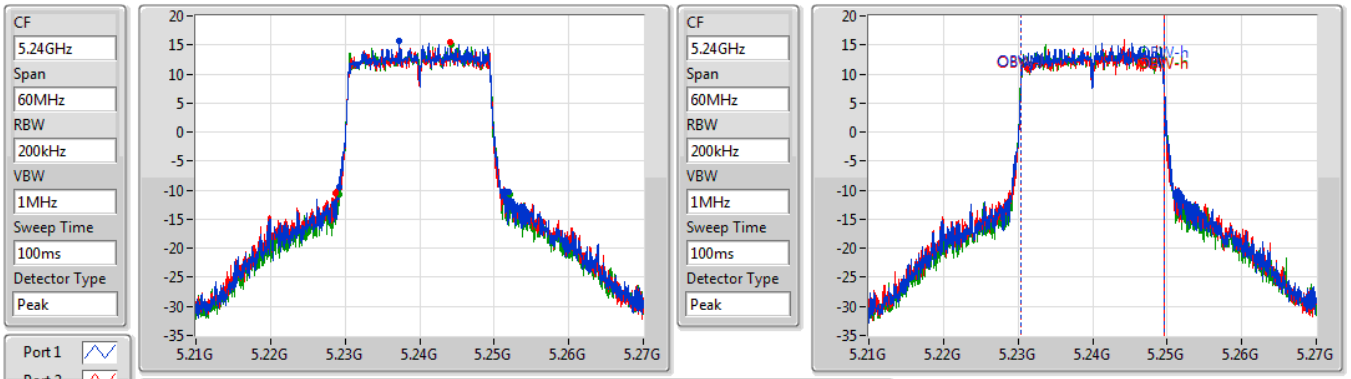
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.4M	5.18878G	5.21218G	19.13M	5.190435G	5.209565G	Inf	1
22.89M	5.18878G	5.21167G	19.16M	5.190435G	5.209595G	Inf	2
22.95M	5.1892G	5.21215G	19.16M	5.190435G	5.209595G	Inf	3

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

EBW

5240MHz

12/05/2020



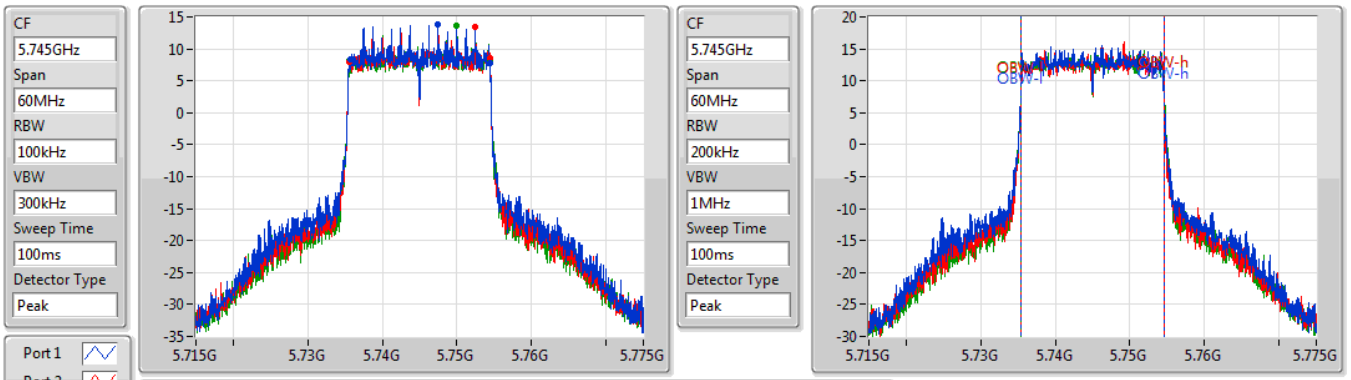
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.74M	5.2292G	5.25194G	19.13M	5.230435G	5.249565G	Inf	1
23.28M	5.22869G	5.25197G	19.13M	5.230435G	5.249565G	Inf	2
22.92M	5.22917G	5.25209G	19.16M	5.230435G	5.249595G	Inf	3

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

EBW

5745MHz

12/05/2020



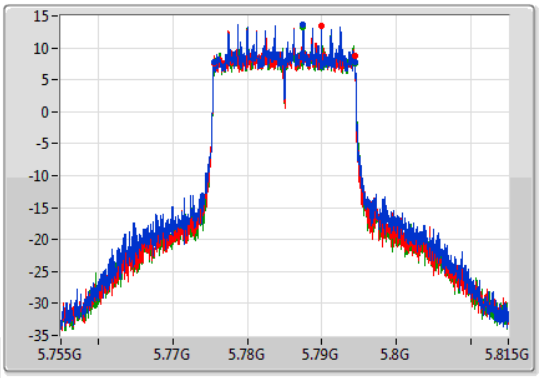
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.6M	5.73579G	5.75439G	19.22M	5.7353375G	5.754595G	500k	1
18.93M	5.73552G	5.75445G	19.16M	5.735405G	5.754565G	500k	2
18.87M	5.73555G	5.75442G	19.19M	5.735435G	5.754625G	500k	3

802.11ax HEW20-BF_Nss1,(MCS0)_3TX EBW

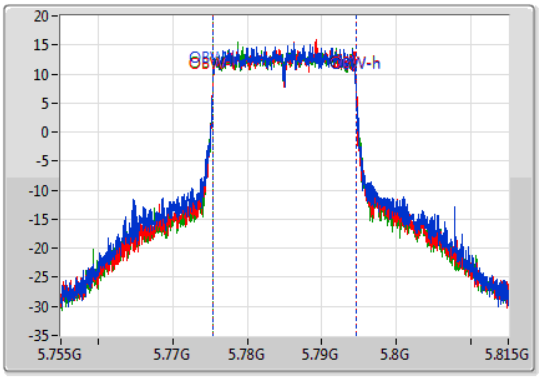
5785MHz

12/05/2020

CF	5.785GHz
Span	60MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	5.785GHz
Span	60MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak



Port 1
Port 2
Port 3

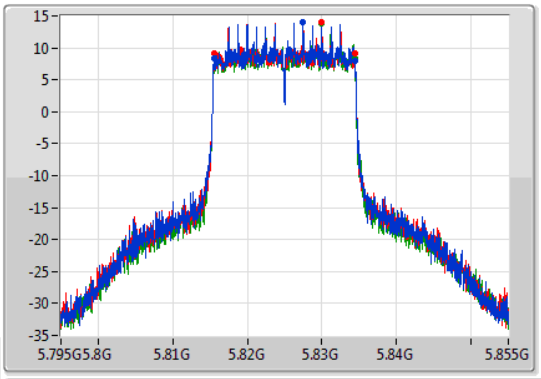
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.87M	5.77555G	5.79442G	19.16M	5.775405G	5.794565G	500k	1
18.9M	5.77552G	5.79442G	19.16M	5.775405G	5.794565G	500k	2
18.78M	5.77564G	5.79442G	19.19M	5.775405G	5.794595G	500k	3

802.11ax HEW20-BF_Nss1,(MCS0)_3TX EBW

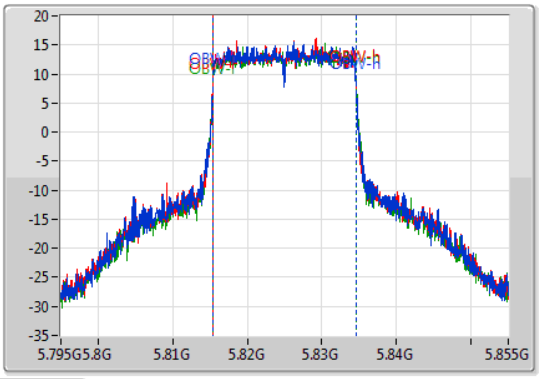
5825MHz

12/05/2020

CF	5.825GHz
Span	60MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	5.825GHz
Span	60MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak



Port 1
Port 2
Port 3

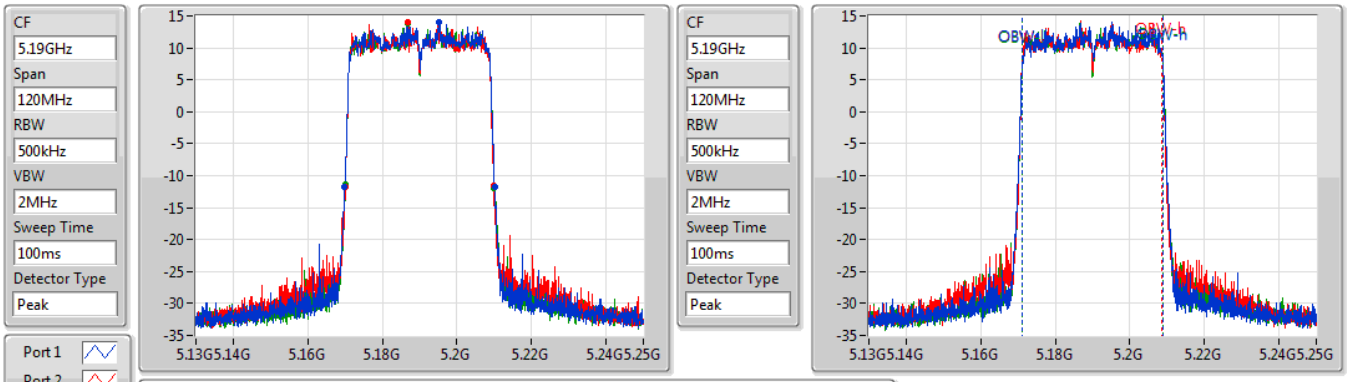
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.81549G	5.83439G	19.19M	5.815405G	5.834595G	500k	1
18.87M	5.81555G	5.83442G	19.19M	5.815405G	5.834595G	500k	2
18.87M	5.81552G	5.83439G	19.22M	5.815405G	5.834625G	500k	3

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

EBW

5190MHz

12/05/2020



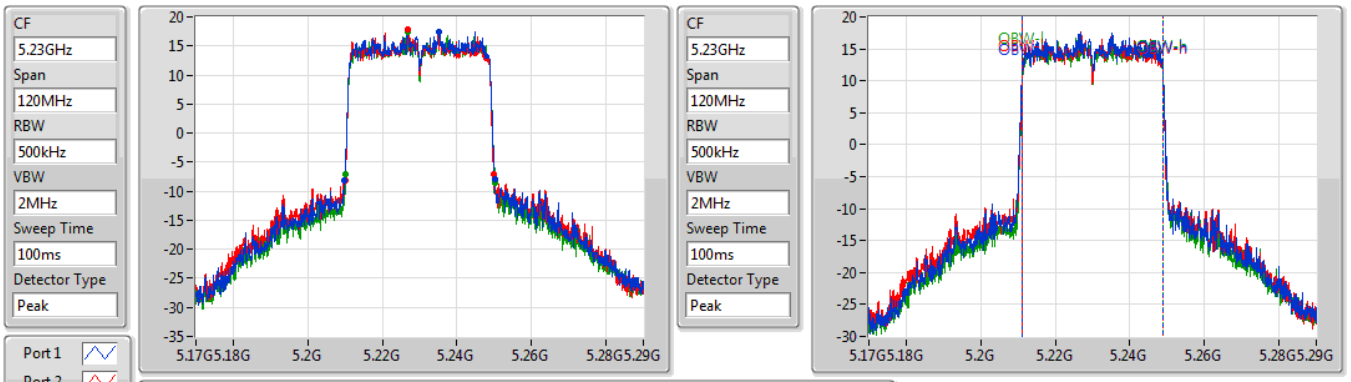
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.1699G	5.2101G	37.541M	5.171229G	5.208771G	Inf	1
39.84M	5.17008G	5.20992G	37.481M	5.171229G	5.208711G	Inf	2
39.96M	5.17008G	5.21004G	37.541M	5.171229G	5.208771G	Inf	3

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

EBW

5230MHz

12/05/2020



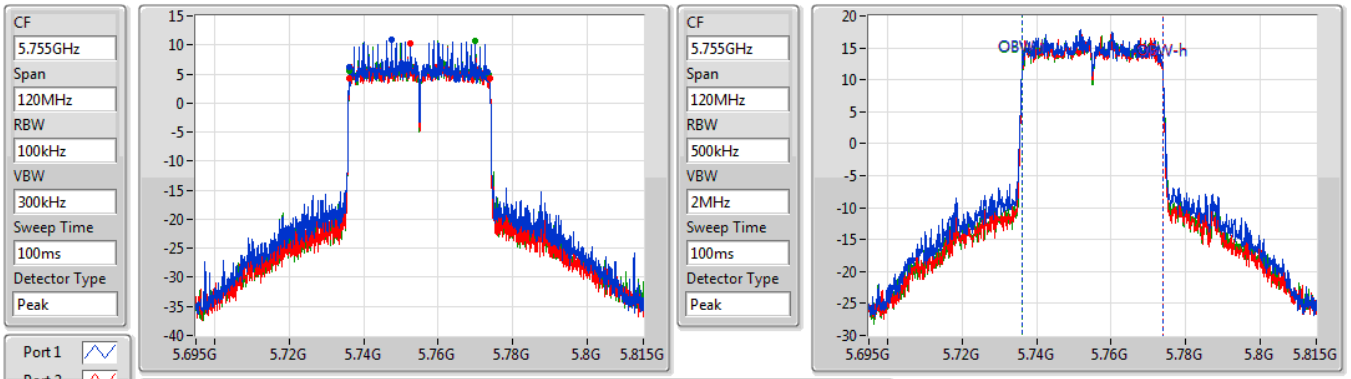
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.20984G	5.25016G	37.661M	5.211169G	5.248831G	Inf	1
39.96M	5.21002G	5.24998G	37.601M	5.211169G	5.248771G	Inf	2
40.2M	5.21008G	5.25028G	37.601M	5.211229G	5.248831G	Inf	3

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

EBW

5755MHz

12/05/2020



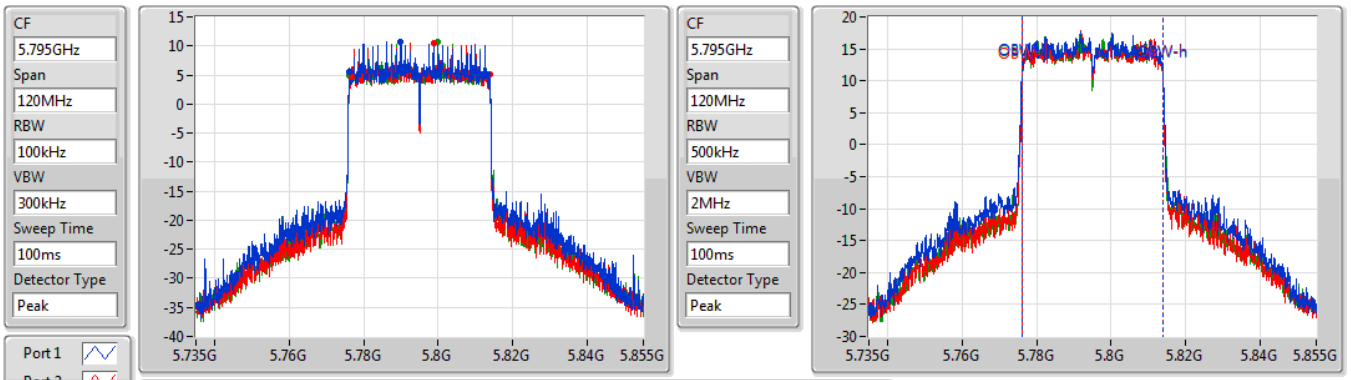
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.96M	5.73622G	5.77318G	37.841M	5.736049G	5.773891G	500k	1
37.5M	5.73622G	5.77372G	37.721M	5.736109G	5.773831G	500k	2
37.32M	5.73622G	5.77354G	37.661M	5.736169G	5.773831G	500k	3

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

EBW

5795MHz

12/05/2020



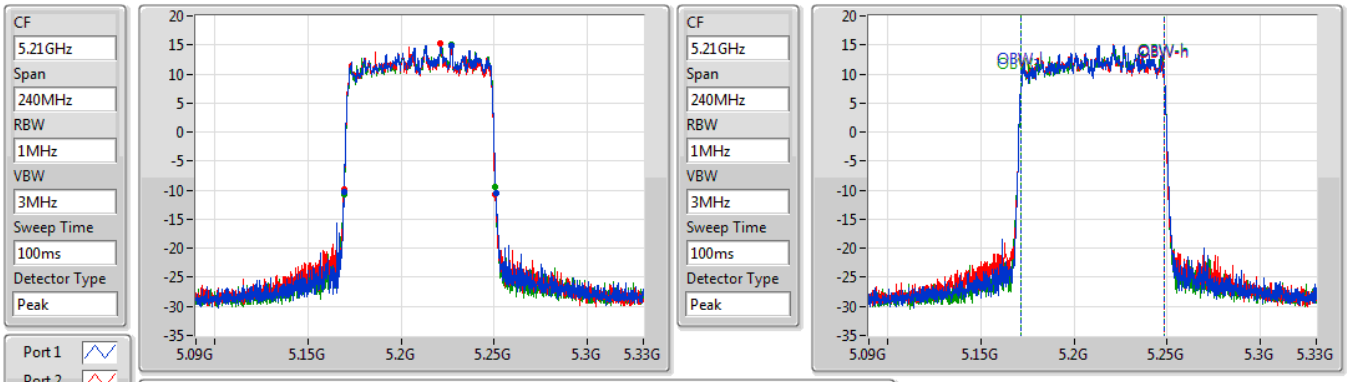
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.08M	5.77616G	5.81324G	37.841M	5.776049G	5.813891G	500k	1
37.08M	5.7767G	5.81378G	37.661M	5.776169G	5.813831G	500k	2
37.26M	5.77622G	5.81348G	37.721M	5.776109G	5.813831G	500k	3

802.11ax HEW80-BF_Nss1,(MCS0)_3TX

EBW

5210MHz

12/05/2020



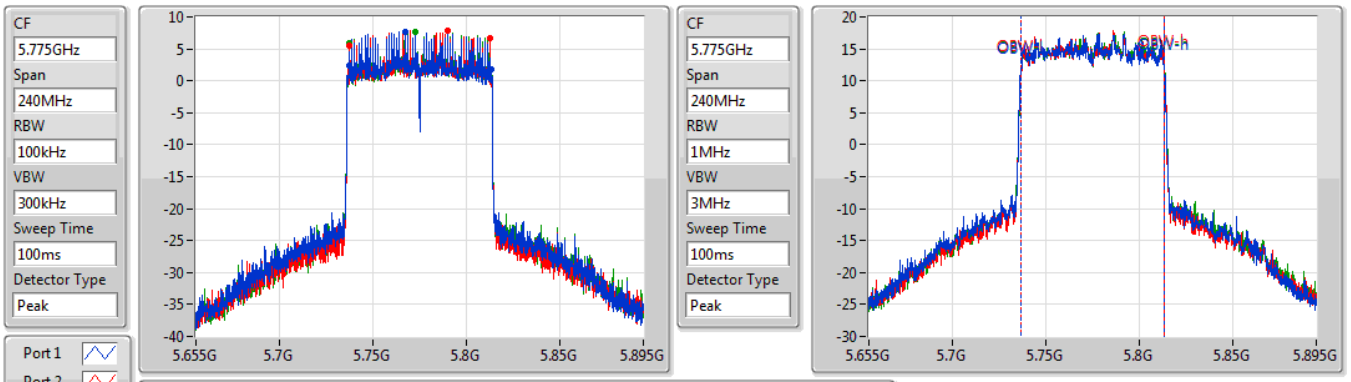
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	5.16968G	5.25092G	76.642M	5.171859G	5.248501G	Inf	1
81.24M	5.16944G	5.25068G	76.762M	5.171739G	5.248501G	Inf	2
81.36M	5.16932G	5.25068G	76.642M	5.171859G	5.248501G	Inf	3

802.11ax HEW80-BF_Nss1,(MCS0)_3TX

EBW

5775MHz

12/05/2020



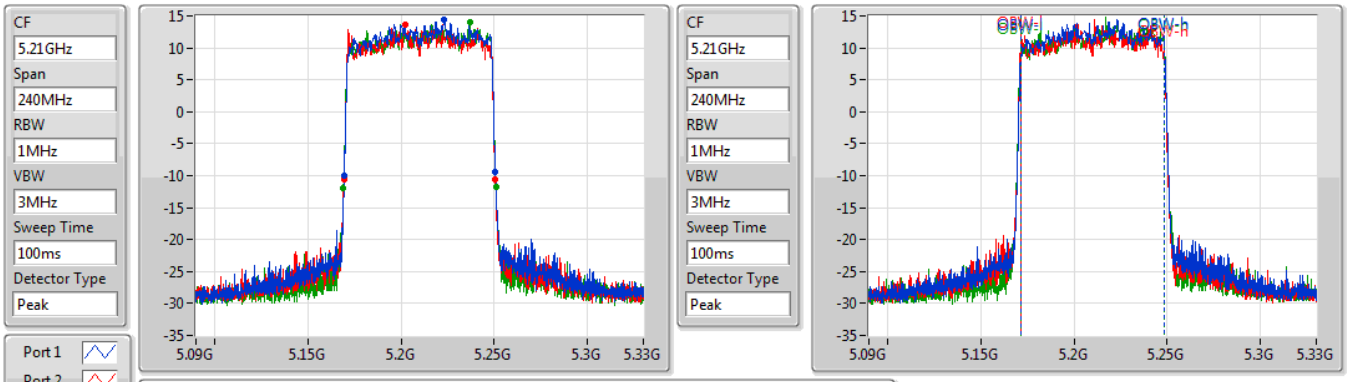
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.08M	5.73732G	5.8134G	77.241M	5.736379G	5.813621G	500k	1
75.12M	5.73744G	5.81256G	77.121M	5.736499G	5.813621G	500k	2
76.32M	5.73744G	5.81376G	77.241M	5.736499G	5.813741G	500k	3

802.11ax HEW80-BF_Nss2,(MCS0)_3TX

EBW

5210MHz

12/05/2020



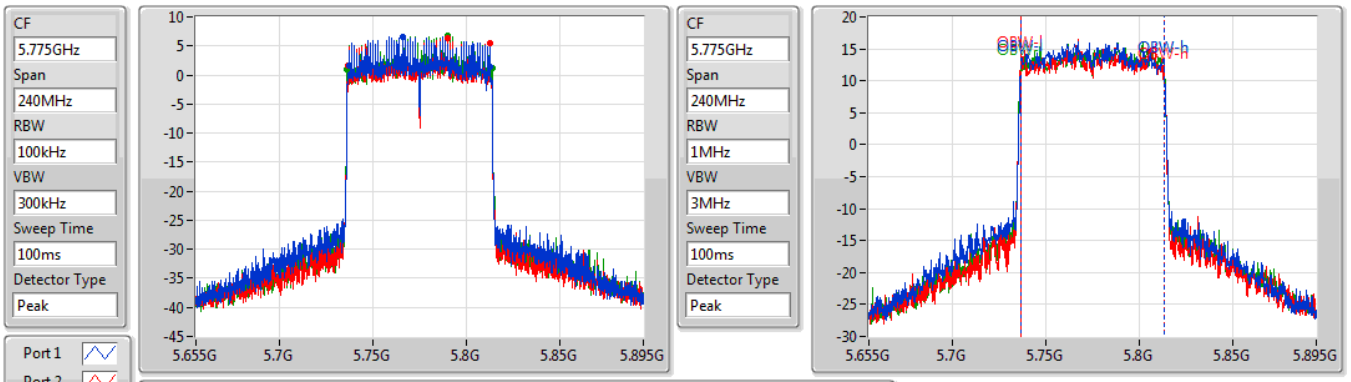
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.12M	5.16956G	5.25068G	76.882M	5.171619G	5.248501G	Inf	1
81.36M	5.16932G	5.25068G	77.121M	5.171379G	5.248501G	Inf	2
81.72M	5.1692G	5.25092G	77.121M	5.171499G	5.248621G	Inf	3

802.11ax HEW80-BF_Nss2,(MCS0)_3TX

EBW

5775MHz

12/05/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.72M	5.7372G	5.81292G	77.121M	5.736379G	5.813501G	500k	1
75.96M	5.7366G	5.81256G	77.241M	5.736259G	5.813501G	500k	2
77.76M	5.73612G	5.81388G	77.361M	5.736259G	5.813621G	500k	3

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_3TX	29.35	0.86099
802.11ax HEW80_Nss3,(MCS0)_3TX	25.96	0.39446
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	29.28	0.84723
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	29.32	0.85507
802.11ax HEW80-BF_Nss1,(MCS0)_3TX	25.98	0.39628
802.11ax HEW80-BF_Nss2,(MCS0)_3TX	25.96	0.39446
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_3TX	29.97	0.99312
802.11ax HEW80_Nss3,(MCS0)_3TX	28.11	0.64714
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	29.39	0.86896
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	29.39	0.86896
802.11ax HEW80-BF_Nss1,(MCS0)_3TX	29.06	0.80538
802.11ax HEW80-BF_Nss2,(MCS0)_3TX	27.92	0.61944

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	1.89	23.62	23.26	23.77	28.33	30.00
5200MHz	Pass	1.89	24.56	24.24	24.33	29.15	30.00
5240MHz	Pass	1.89	24.75	24.38	24.60	29.35	30.00
5745MHz	Pass	1.89	25.09	24.94	25.16	29.84	30.00
5785MHz	Pass	1.89	25.25	25.17	25.13	29.95	30.00
5825MHz	Pass	1.89	25.31	25.22	25.05	29.97	30.00
802.11ax HEW80_Nss3,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	1.82	21.47	21.09	20.98	25.96	30.00
5775MHz	Pass	1.82	23.52	23.32	23.17	28.11	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	6.59	21.68	21.29	21.45	26.25	29.41
5200MHz	Pass	6.59	24.66	24.47	24.39	29.28	29.41
5240MHz	Pass	6.59	24.69	24.43	24.28	29.24	29.41
5745MHz	Pass	6.59	24.58	24.74	24.52	29.39	29.41
5785MHz	Pass	6.59	24.63	24.70	24.36	29.34	29.41
5825MHz	Pass	6.59	24.55	24.62	24.16	29.22	29.41
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	6.59	21.11	20.67	20.91	25.67	29.41
5230MHz	Pass	6.59	24.83	24.36	24.43	29.32	29.41
5755MHz	Pass	6.59	24.85	24.58	24.40	29.39	29.41
5795MHz	Pass	6.59	24.73	24.42	24.35	29.27	29.41
802.11ax HEW80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	6.59	21.41	21.06	21.15	25.98	29.41
5775MHz	Pass	6.59	24.31	24.19	24.36	29.06	29.41
802.11ax HEW80-BF_Nss2,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	4.06	21.34	21.09	21.12	25.96	30.00
5775MHz	Pass	4.06	23.25	23.02	23.18	27.92	30.00

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_3TX	16.21
802.11ax HEW80_Nss3,(MCS0)_3TX	7.04
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	15.80
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	13.06
802.11ax HEW80-BF_Nss1,(MCS0)_3TX	7.21
802.11ax HEW80-BF_Nss2,(MCS0)_3TX	7.11
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_3TX	15.48
802.11ax HEW80_Nss3,(MCS0)_3TX	7.66
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	14.50
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	11.62
802.11ax HEW80-BF_Nss1,(MCS0)_3TX	8.57
802.11ax HEW80-BF_Nss2,(MCS0)_3TX	7.54

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

Result

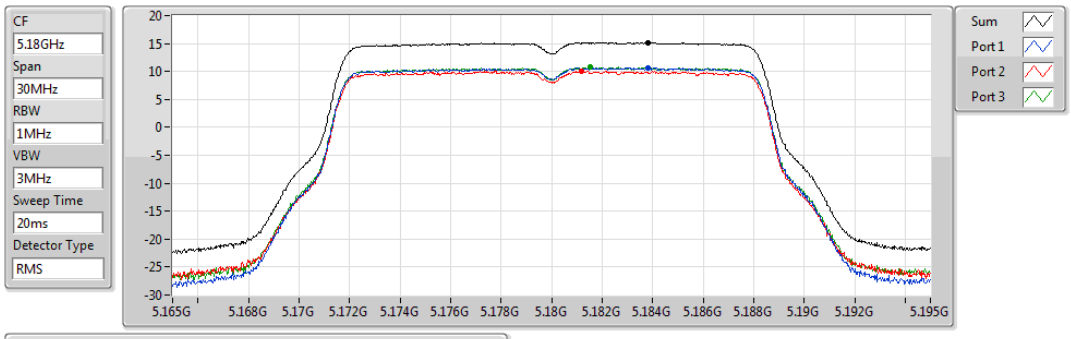
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	6.59	10.69	10.03	10.73	15.15	16.41
5200MHz	Pass	6.59	11.54	11.19	11.30	16.06	16.41
5240MHz	Pass	6.59	11.75	11.35	11.55	16.21	16.41
5745MHz	Pass	6.59	10.61	10.50	10.62	15.28	29.41
5785MHz	Pass	6.59	10.75	10.58	10.63	15.31	29.41
5825MHz	Pass	6.59	10.91	10.81	10.67	15.48	29.41
802.11ax HEW80_Nss3,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	1.82	2.67	2.14	2.12	7.04	17.00
5775MHz	Pass	1.82	3.22	2.99	2.98	7.66	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	6.59	8.28	7.76	8.15	12.79	16.41
5200MHz	Pass	6.59	11.28	11.03	10.99	15.80	16.41
5240MHz	Pass	6.59	11.18	10.93	11.02	15.76	16.41
5745MHz	Pass	6.59	9.89	9.77	9.67	14.47	29.41
5785MHz	Pass	6.59	9.69	9.63	9.49	14.33	29.41
5825MHz	Pass	6.59	9.90	9.81	9.60	14.50	29.41
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	6.59	4.82	4.42	4.76	9.42	16.41
5230MHz	Pass	6.59	8.63	8.23	8.27	13.06	16.41
5755MHz	Pass	6.59	7.07	6.87	6.86	11.62	29.41
5795MHz	Pass	6.59	6.92	6.77	6.70	11.47	29.41
802.11ax HEW80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	6.59	2.54	2.31	2.55	7.21	16.41
5775MHz	Pass	6.59	3.86	3.92	4.00	8.57	29.41
802.11ax HEW80-BF_Nss2,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	3.65	3.04	2.25	2.36	7.11	17.00
5775MHz	Pass	3.65	3.36	2.67	3.13	7.54	30.00

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_Nss1,(6Mbps)_3TX PSD

5180MHz

12/05/2020

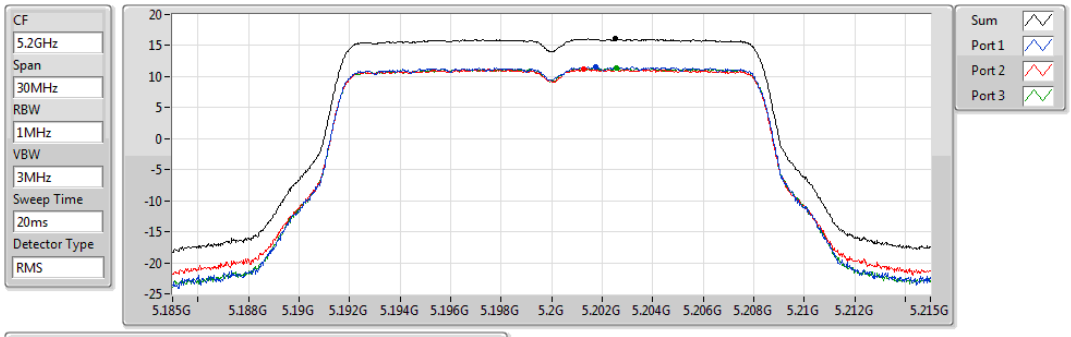


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.15	15.15	10.69	10.03	10.73

802.11a_Nss1,(6Mbps)_3TX PSD

5200MHz

12/05/2020

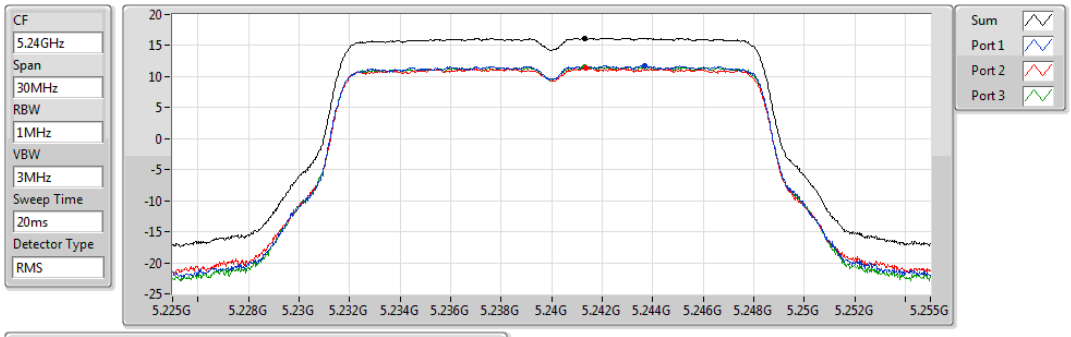


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.06	16.06	11.54	11.19	11.30

802.11a_Nss1,(6Mbps)_3TX PSD

5240MHz

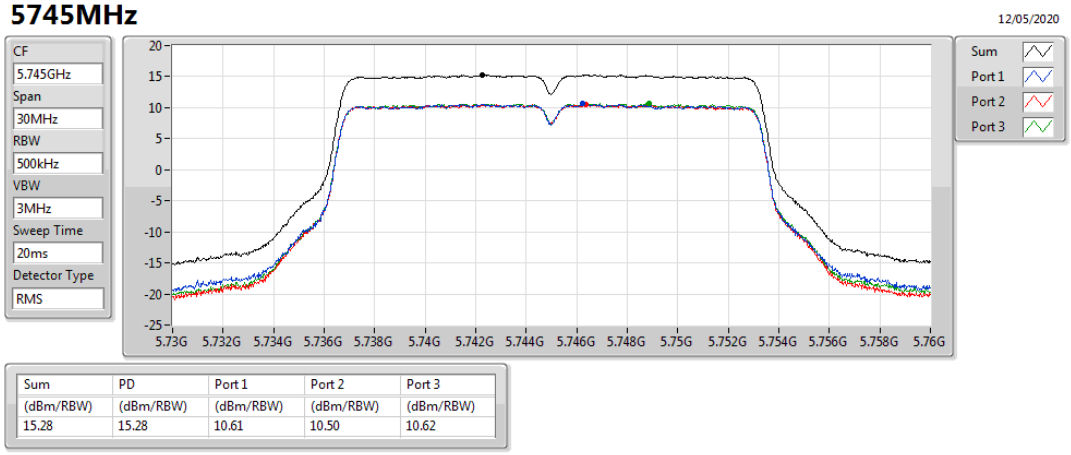
12/05/2020



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.21	16.21	11.75	11.35	11.55

802.11a_Nss1,(6Mbps)_3TX PSD

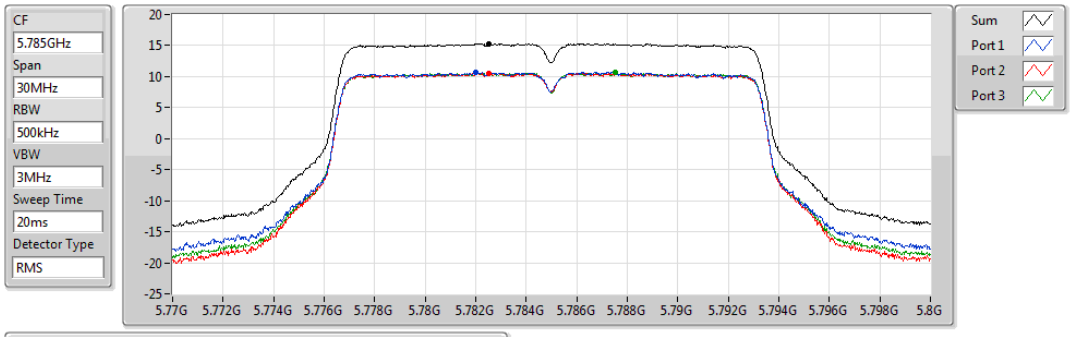
5745MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.28	15.28	10.61	10.50	10.62

802.11a_Nss1,(6Mbps)_3TX PSD

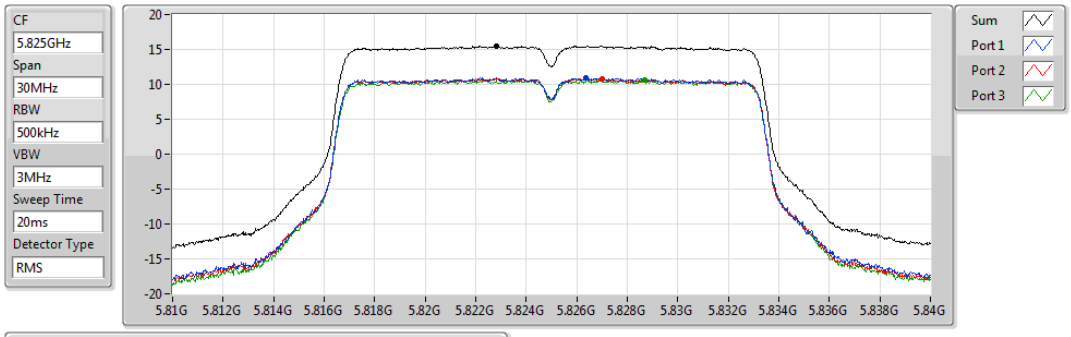
5785MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.31	15.31	10.75	10.58	10.63

802.11a_Nss1,(6Mbps)_3TX PSD

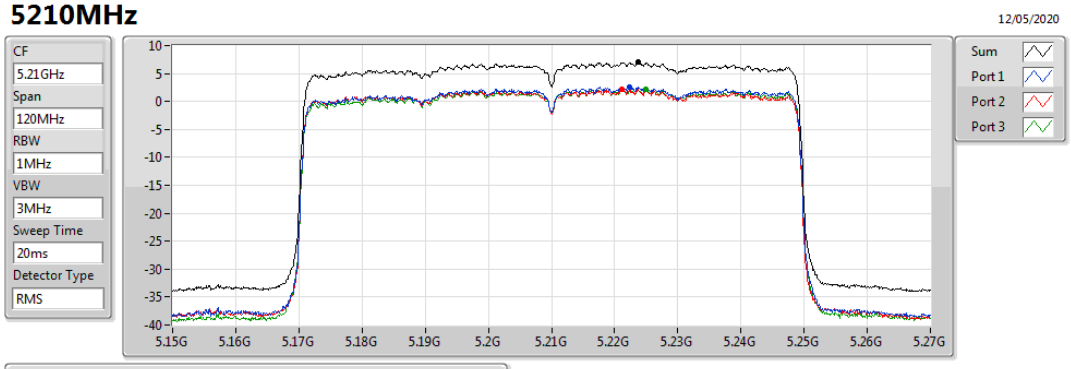
5825MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.48	15.48	10.91	10.81	10.67

802.11ax HEW80_Nss3,(MCS0)_3TX PSD

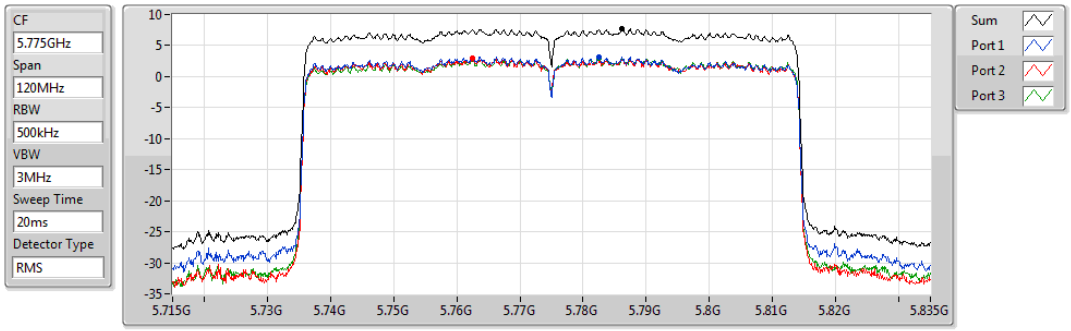
5210MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.04	7.04	2.67	2.14	2.12

802.11ax HEW80_Nss3,(MCS0)_3TX PSD

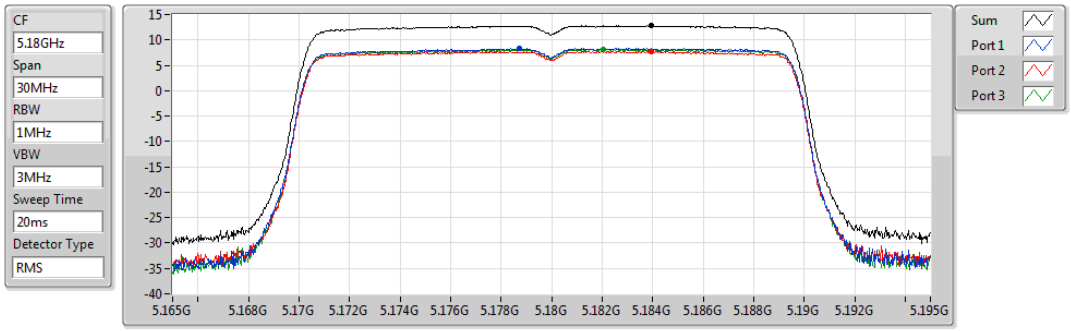
5775MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.66	7.66	3.22	2.99	2.98

802.11ax HEW20-BF_Nss1,(MCS0)_3TX PSD

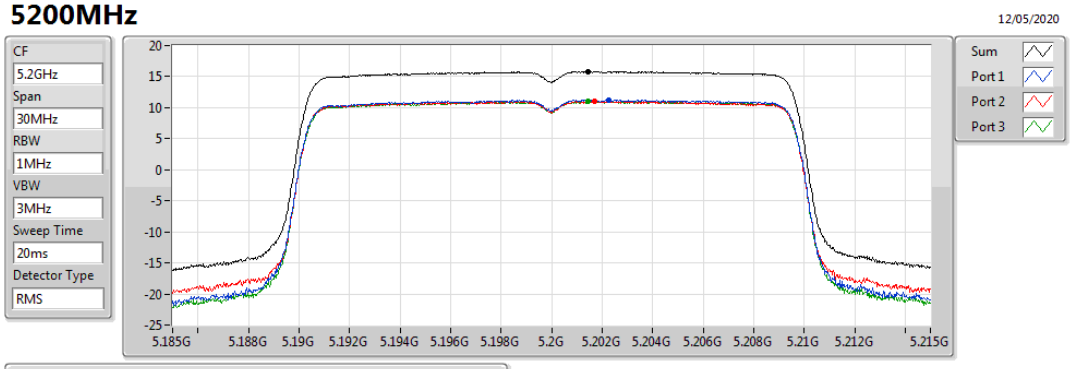
5180MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.79	12.79	8.28	7.76	8.15

802.11ax HEW20-BF_Nss1,(MCS0)_3TX PSD

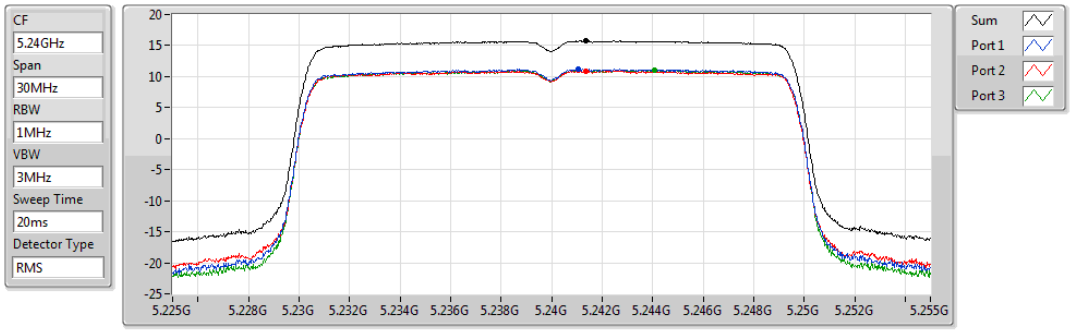
5200MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.80	15.80	11.28	11.03	10.99

802.11ax HEW20-BF_Nss1,(MCS0)_3TX PSD

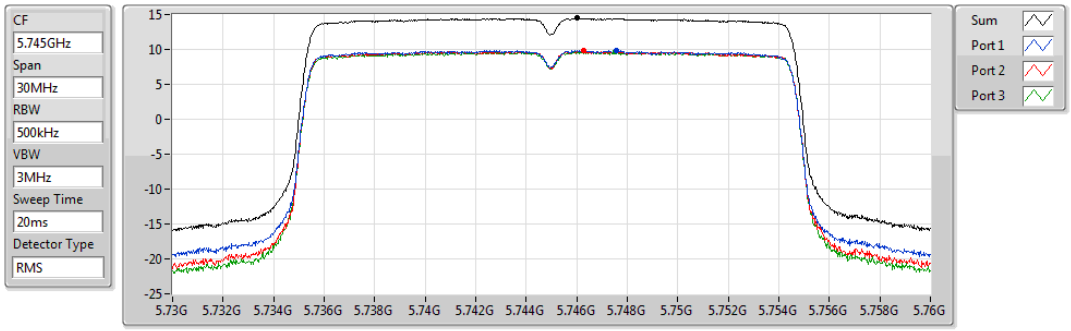
5240MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.76	15.76	11.18	10.93	11.02

802.11ax HEW20-BF_Nss1,(MCS0)_3TX PSD

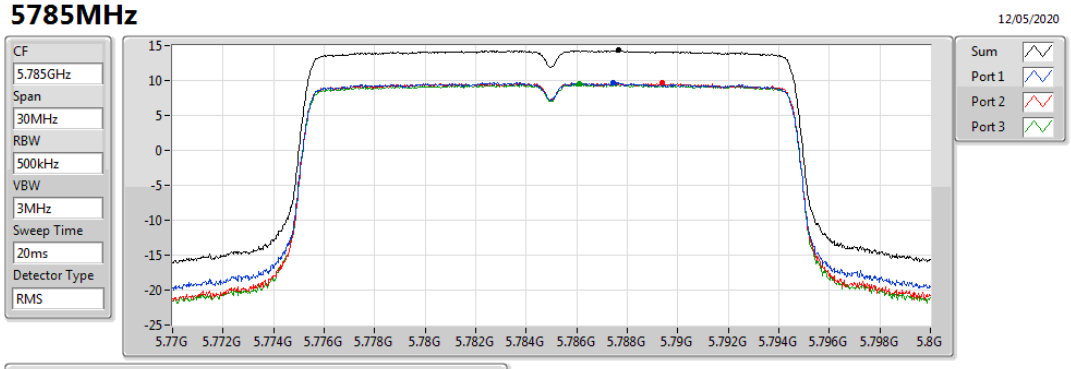
5745MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.47	14.47	9.89	9.77	9.67

802.11ax HEW20-BF_Nss1,(MCS0)_3TX PSD

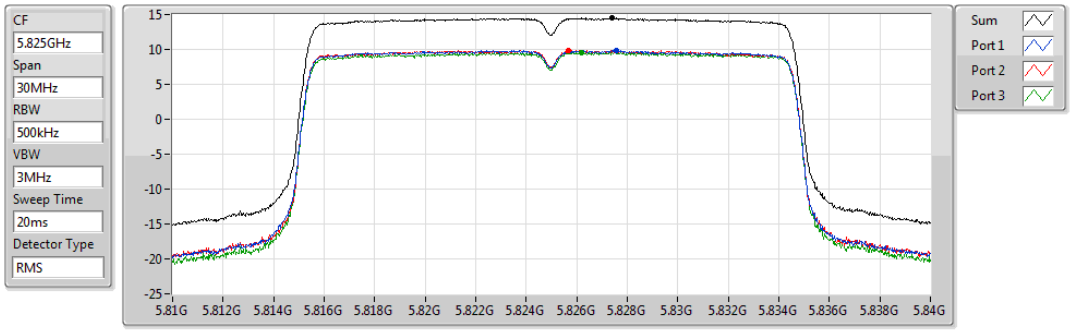
5785MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.33	14.33	9.69	9.63	9.49

802.11ax HEW20-BF_Nss1,(MCS0)_3TX PSD

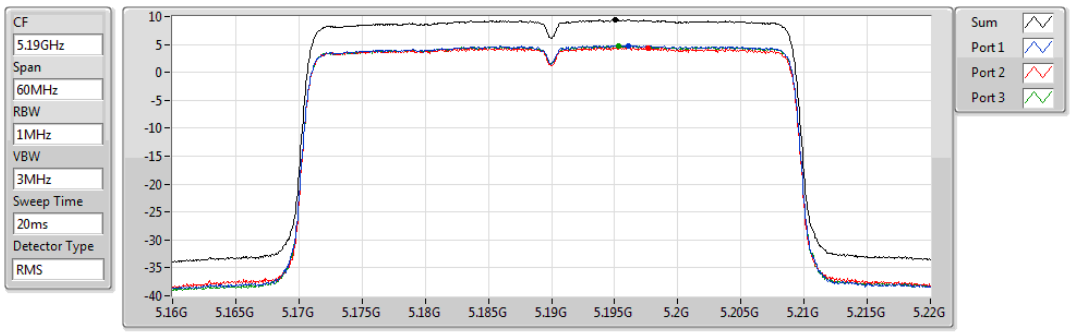
5825MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.50	14.50	9.90	9.81	9.60

802.11ax HEW40-BF_Nss1,(MCS0)_3TX PSD

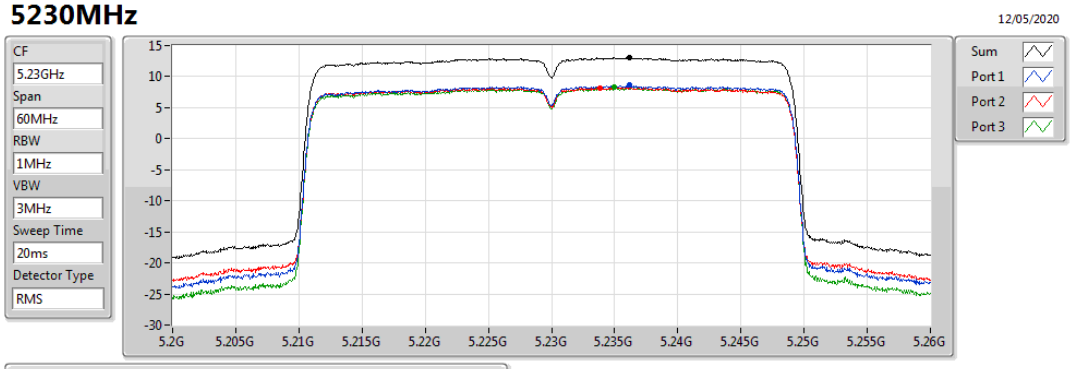
5190MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.42	9.42	4.82	4.42	4.76

802.11ax HEW40-BF_Nss1,(MCS0)_3TX PSD

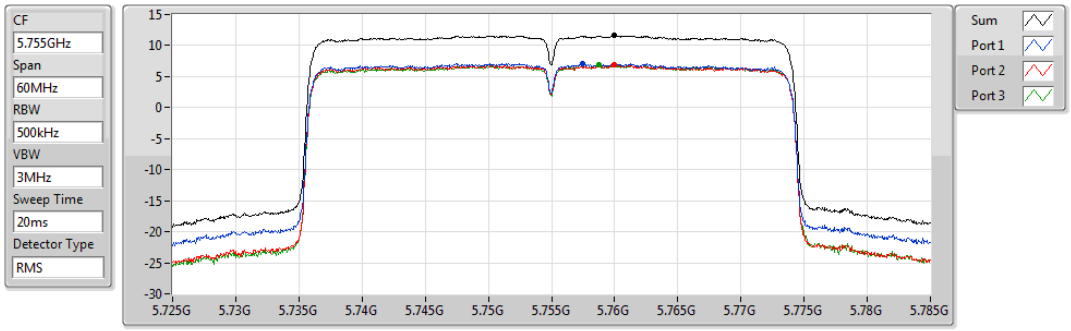
5230MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.06	13.06	8.63	8.23	8.27

802.11ax HEW40-BF_Nss1,(MCS0)_3TX PSD

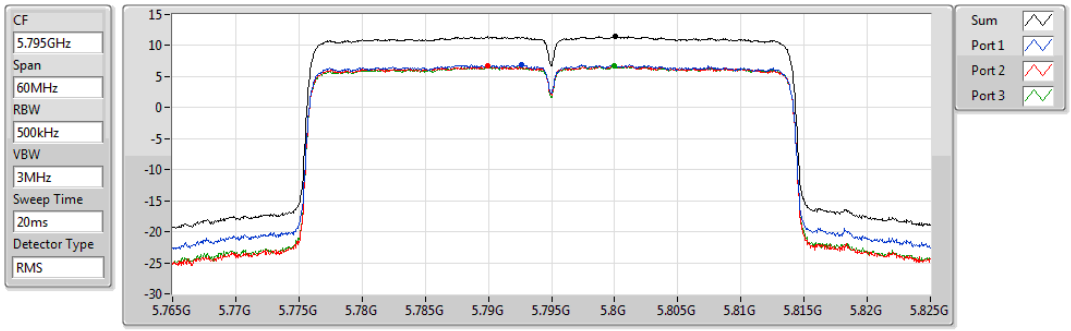
5755MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.62	11.62	7.07	6.87	6.86

802.11ax HEW40-BF_Nss1,(MCS0)_3TX PSD

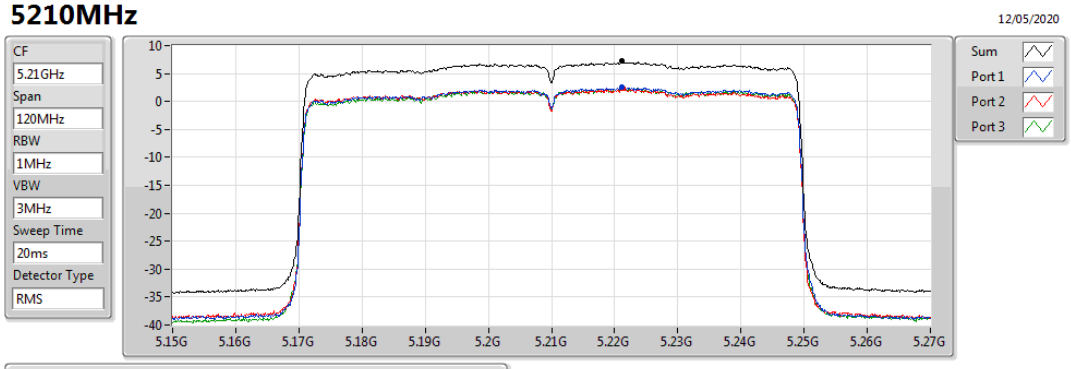
5795MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.47	11.47	6.92	6.77	6.70

802.11ax HEW80-BF_Nss1,(MCS0)_3TX PSD

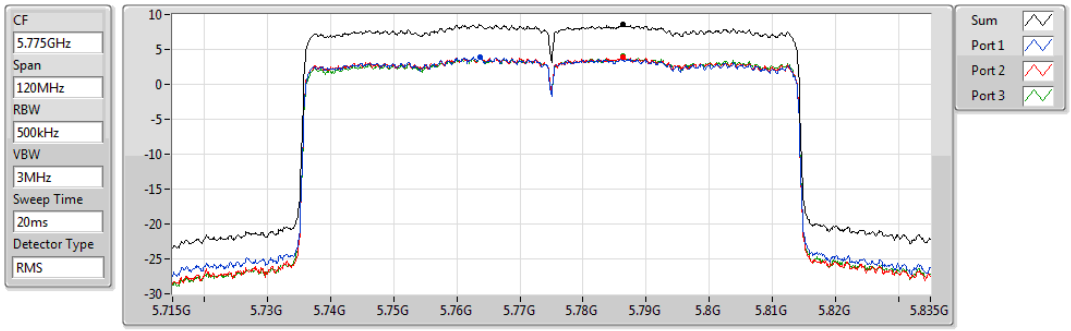
5210MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.21	7.21	2.54	2.31	2.55

802.11ax HEW80-BF_Nss1,(MCS0)_3TX PSD

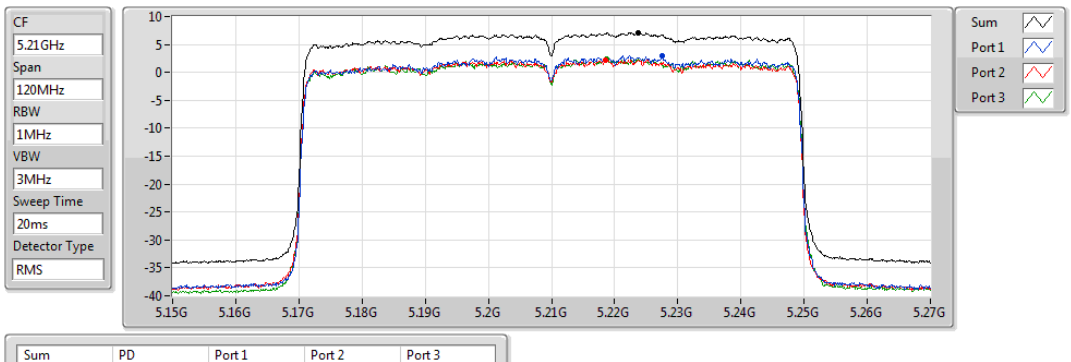
5775MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.57	8.57	3.86	3.92	4.00

802.11ax HEW80-BF_Nss2,(MCS0)_3TX PSD

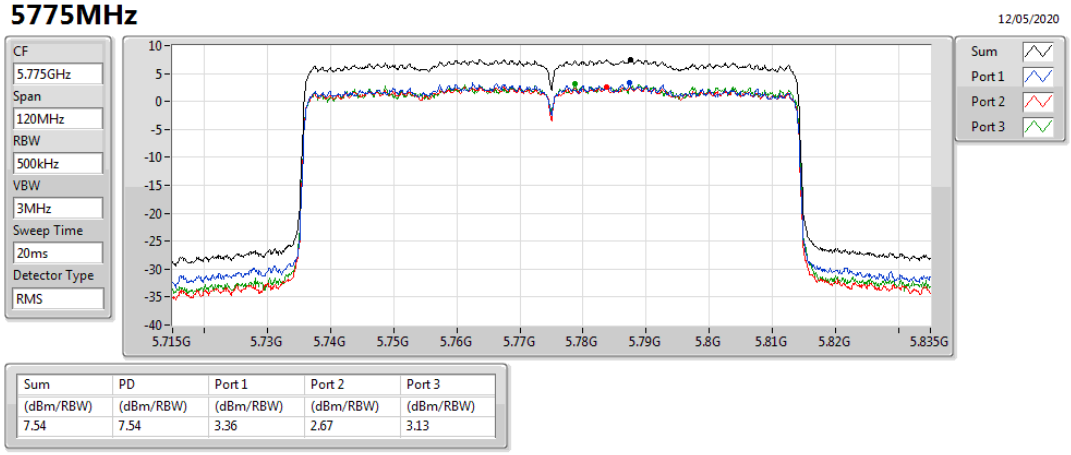
5210MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.11	7.11	3.04	2.25	2.36

802.11ax HEW80-BF_Nss2,(MCS0)_3TX **PSD**

5775MHz



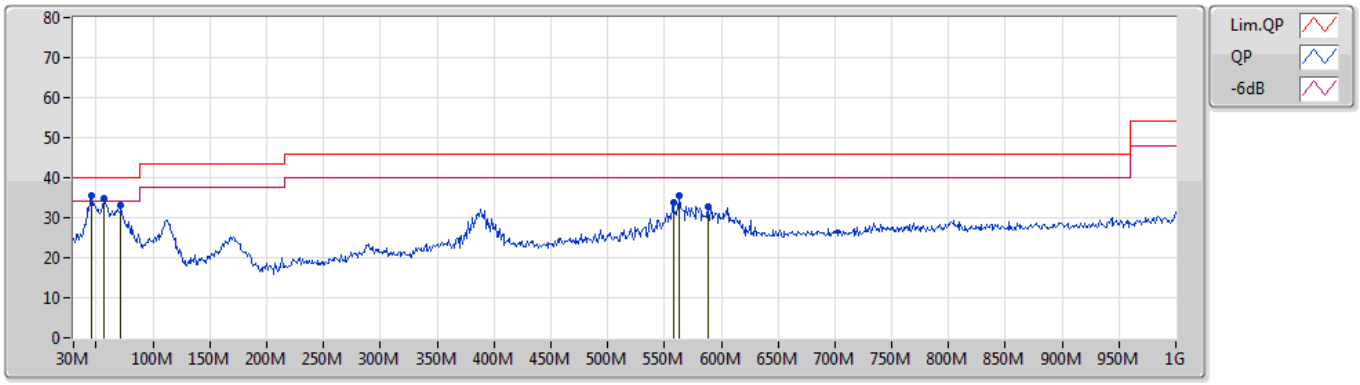
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.54	7.54	3.36	2.67	3.13

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	PK	45.52M	35.42	40.00	-4.58	Vertical

Mode 2

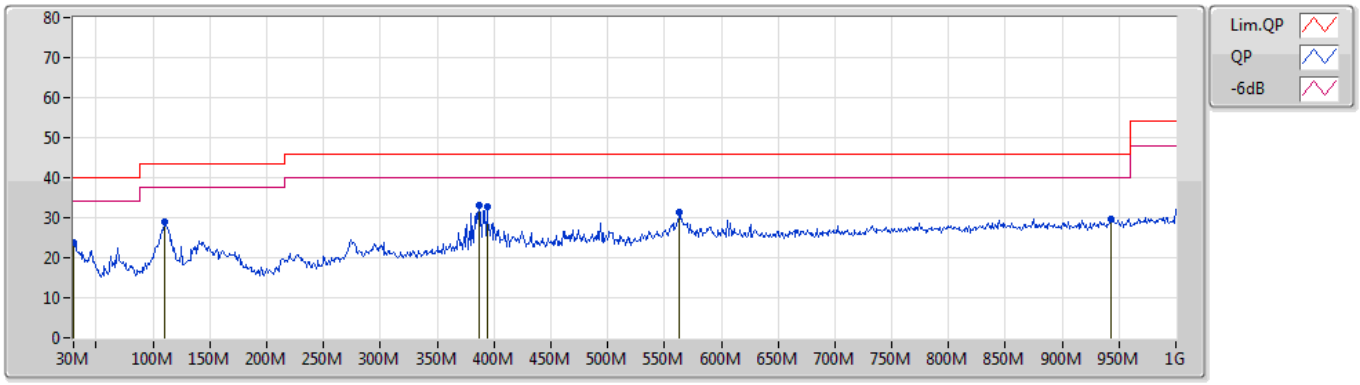
30/06/2020



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)
PK	45.52M	35.42	40.00	-4.58	-13.87	3	Vertical	0	1.00	"Worst"	49.29	16.42	1.20	31.49
PK	57.16M	34.84	40.00	-5.16	-17.84	3	Vertical	220	1.00	-	52.68	12.79	1.14	31.77
PK	71.71M	33.00	40.00	-7.00	-17.93	3	Vertical	187	1.50	-	50.93	12.54	1.30	31.77
PK	557.68M	33.71	46.00	-12.29	-4.64	3	Vertical	47	1.00	-	38.35	24.30	3.33	32.27
PK	563.5M	35.44	46.00	-10.56	-4.67	3	Vertical	270	1.00	-	40.11	24.25	3.35	32.27
PK	588.72M	32.78	46.00	-13.22	-4.69	3	Vertical	0	1.00	-	37.47	24.14	3.46	32.29

Mode 2

30/06/2020



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)
PK	30M	23.87	40.00	-16.13	-6.17	3	Horizontal	188	1.50	-	30.04	24.19	1.20	31.56
PK	110.51M	28.80	43.50	-14.70	-12.27	3	Horizontal	224	2.00	-	41.07	17.90	1.61	31.78
PK	386.96M	32.95	46.00	-13.05	-8.70	3	Horizontal	238	1.00	"Worst"	41.65	20.57	2.82	32.09
PK	393.75M	32.71	46.00	-13.29	-8.39	3	Horizontal	232	1.00	-	41.10	20.86	2.86	32.11
PK	563.5M	31.40	46.00	-14.60	-4.67	3	Horizontal	158	1.50	-	36.07	24.25	3.35	32.27
PK	942.77M	29.62	46.00	-16.38	-1.48	3	Horizontal	289	3.00	-	31.10	26.15	4.51	32.14

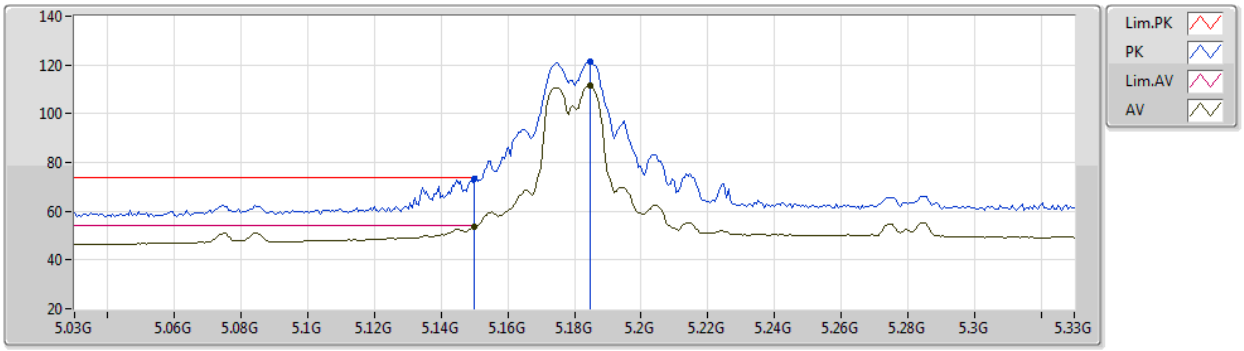
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	Pass	AV	5.1498G	53.95	54.00	-0.05	3	Vertical	235	1.80	-

802.11a_Nss1,(6Mbps)_3TX

5180MHz_TX

08/04/2020



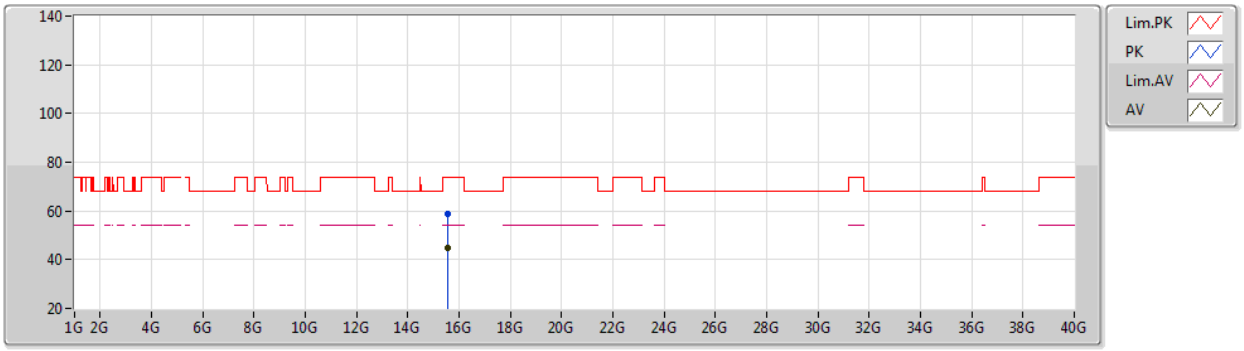
EUT Y_3TX
Setting 94
06-E-S-5-10
ANT WY0331
DUT R110#11

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	73.27	74.00	-0.73	67.55	3	Vertical	320	1.80	-	31.75	5.60	31.63
AV	5.15G	53.60	54.00	-0.40	47.88	3	Vertical	320	1.80	-	31.75	5.60	31.63
PK	5.1848G	121.51	Inf	-Inf	115.98	3	Vertical	320	1.80	-	31.58	5.60	31.65
AV	5.1848G	111.68	Inf	-Inf	106.15	3	Vertical	320	1.80	-	31.58	5.60	31.65

802.11a_Nss1,(6Mbps)_3TX

5180MHz_TX

08/04/2020



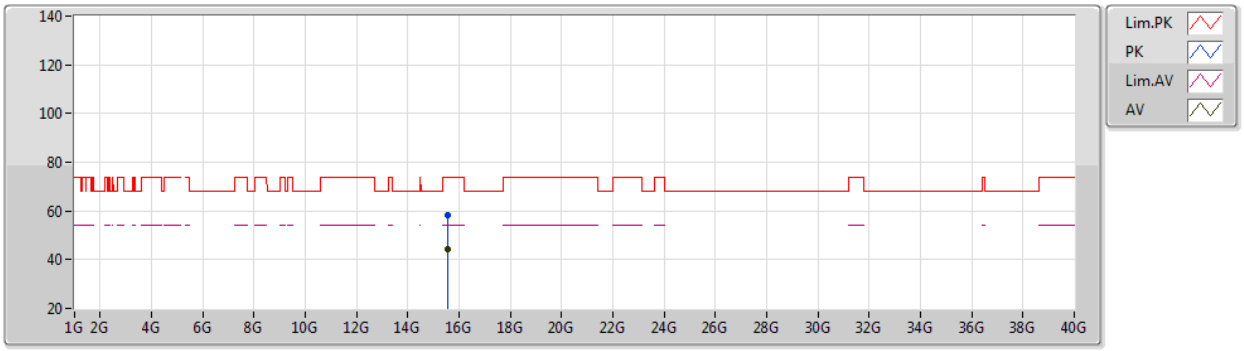
EUT Y_3TX
Setting 94
06-E-L-2
ANT WY0331
DUT R110#11

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	15.5376G	58.57	74.00	-15.43	44.42	3	Vertical	345	2.77	-	39.12	8.75	33.72
AV	15.54197G	44.63	54.00	-9.37	30.50	3	Vertical	345	2.77	-	39.10	8.75	33.72

802.11a_Nss1,(6Mbps)_3TX

5180MHz_TX

08/04/2020



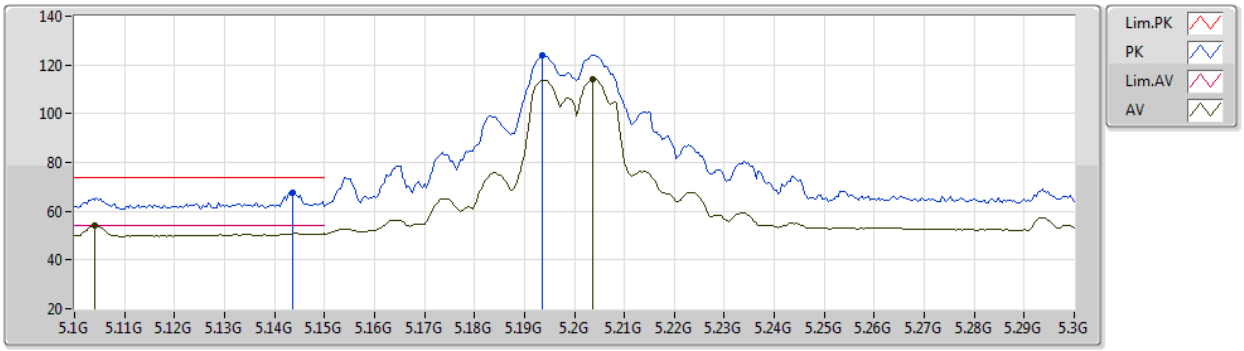
EUT Y_3TX
Setting 94
06-E-L-2
ANT WY0331
DUT R110#11

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	15.54111G	58.45	74.00	-15.55	44.31	3	Horizontal	89	1.52	-	39.11	8.75	33.72
AV	15.53932G	44.50	54.00	-9.50	30.36	3	Horizontal	89	1.52	-	39.11	8.75	33.72

802.11a_Nss1,(6Mbps)_3TX

5200MHz_TX

08/04/2020



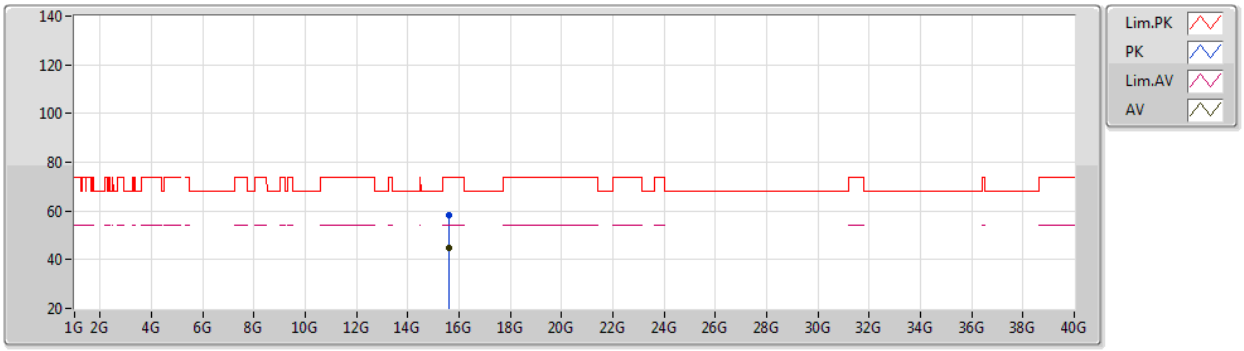
EUT Y_3TX
Setting 98
06-E-S-5-10
ANT WY0331
DUT R110#11

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	5.1436G	67.80	74.00	-6.20	62.05	3	Vertical	16	2.09	-	31.78	5.60	31.63
AV	5.104G	53.88	54.00	-0.12	47.91	3	Vertical	16	2.09	-	31.98	5.60	31.61
PK	5.1936G	124.07	Inf	-Inf	118.60	3	Vertical	16	2.09	-	31.53	5.60	31.66
AV	5.2036G	113.96	Inf	-Inf	108.53	3	Vertical	16	2.09	-	31.49	5.60	31.66

802.11a_Nss1,(6Mbps)_3TX

5200MHz_TX

08/04/2020



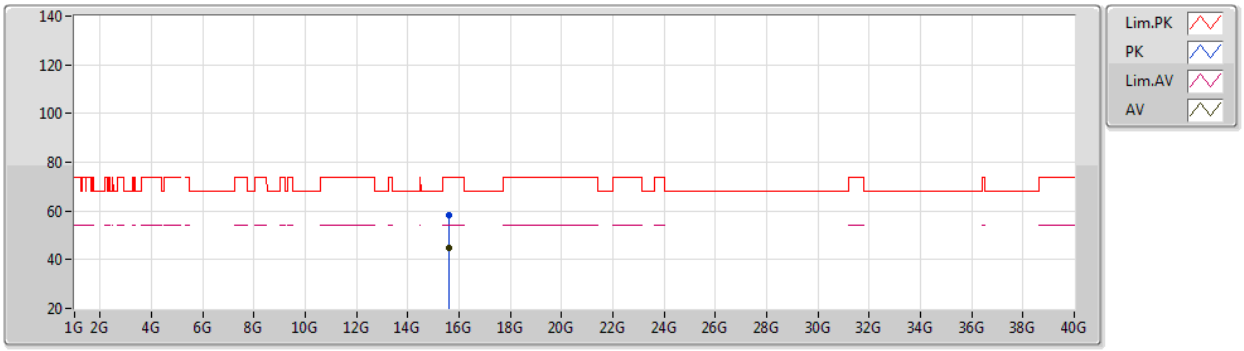
EUT Y_3TX
Setting 98
06-E-L-2
ANT WY0331
DUT R110#11

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	15.60113G	58.29	74.00	-15.71	44.38	3	Vertical	80	1.39	-	38.90	8.74	33.73
AV	15.59929G	44.69	54.00	-9.31	30.78	3	Vertical	80	1.39	-	38.90	8.74	33.73

802.11a_Nss1,(6Mbps)_3TX

5200MHz_TX

08/04/2020



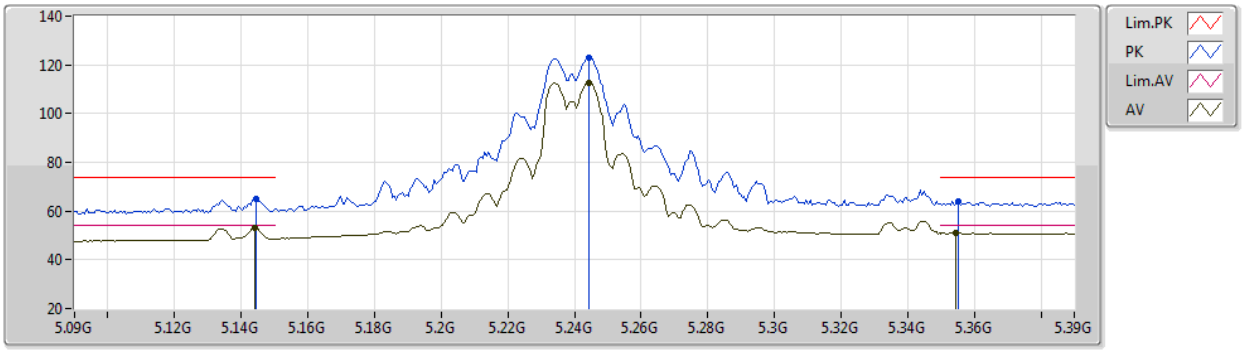
EUT Y_3TX
Setting 98
06-E-L-2
ANT WY0331
DUT R110#11

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	15.59901G	58.39	74.00	-15.61	44.48	3	Horizontal	133	2.96	-	38.90	8.74	33.73
AV	15.59896G	44.80	54.00	-9.20	30.89	3	Horizontal	133	2.96	-	38.90	8.74	33.73

802.11a_Nss1,(6Mbps)_3TX

5240MHz_TX

08/04/2020



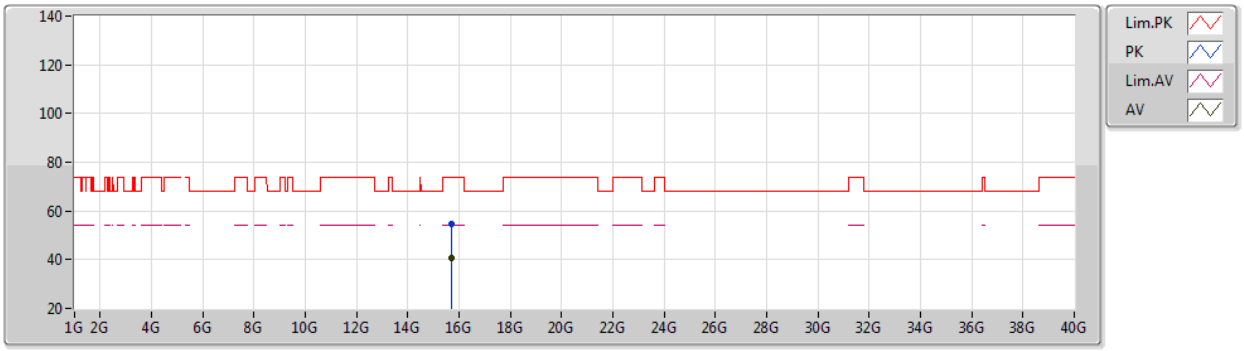
EUT Y_3TX
Setting 104
06-E-S-5-10
ANT WY0331
DUT R110#11

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	5.1446G	64.79	74.00	-9.21	59.04	3	Vertical	321	1.79	-	31.78	5.60	31.63
AV	5.144G	52.98	54.00	-1.02	47.23	3	Vertical	321	1.79	-	31.78	5.60	31.63
PK	5.2442G	123.09	Inf	-Inf	117.81	3	Vertical	321	1.79	-	31.32	5.64	31.68
AV	5.2442G	112.72	Inf	-Inf	107.44	3	Vertical	321	1.79	-	31.32	5.64	31.68
PK	5.3552G	63.99	74.00	-10.01	58.59	3	Vertical	321	1.79	-	31.38	5.76	31.74
AV	5.3546G	50.99	54.00	-3.01	45.61	3	Vertical	321	1.79	-	31.37	5.75	31.74

802.11a_Nss1,(6Mbps)_3TX

5240MHz_TX

08/04/2020



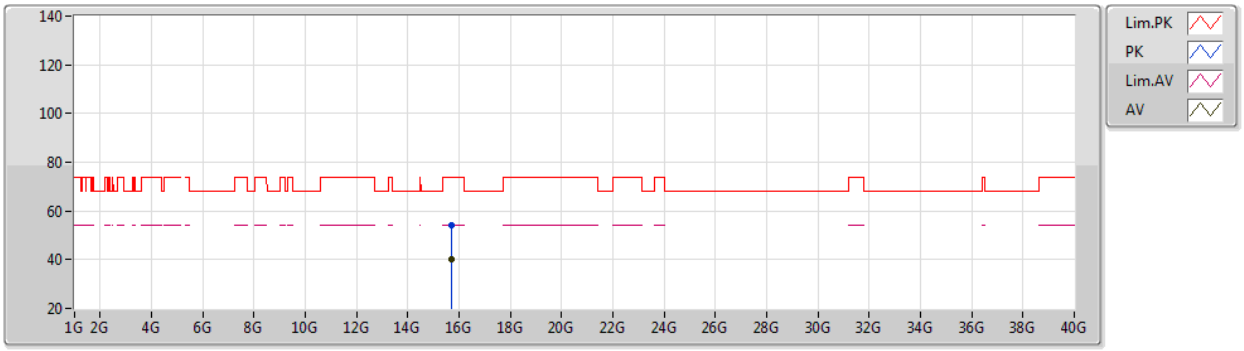
EUT Y_3TX
Setting 104
06-E-S-5
ANT WY0331
DUT R110#11

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	15.72628G	54.64	74.00	-19.36	41.20	3	Vertical	358	1.80	-	38.46	8.73	33.75
AV	15.71168G	40.45	54.00	-13.55	26.96	3	Vertical	358	1.80	-	38.51	8.73	33.75

802.11a_Nss1,(6Mbps)_3TX

5240MHz_TX

08/04/2020



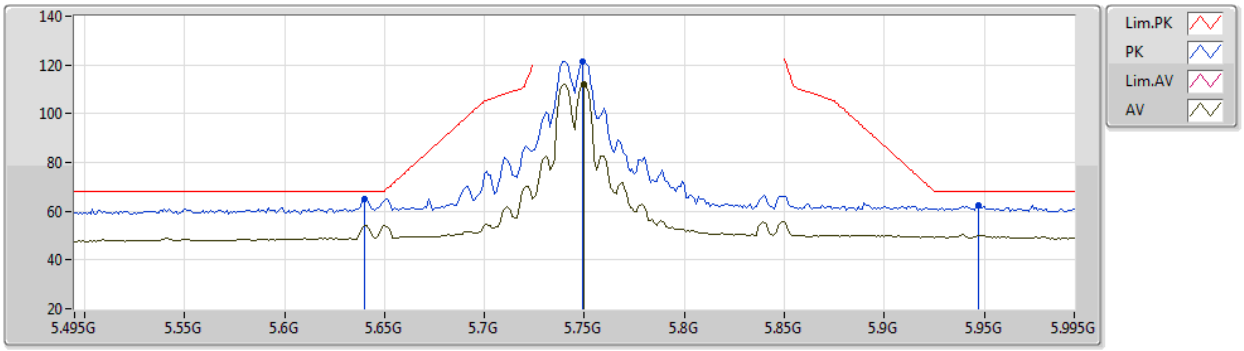
EUT Y_3TX
Setting 104
06-E-S-5
ANT WY0331
DUT R110#11

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	15.71404G	53.91	74.00	-20.09	40.43	3	Horizontal	17	1.79	-	38.50	8.73	33.75
AV	15.71436G	40.10	54.00	-13.90	26.62	3	Horizontal	17	1.79	-	38.50	8.73	33.75

802.11a_Nss1,(6Mbps)_3TX

5745MHz_TX

08/04/2020



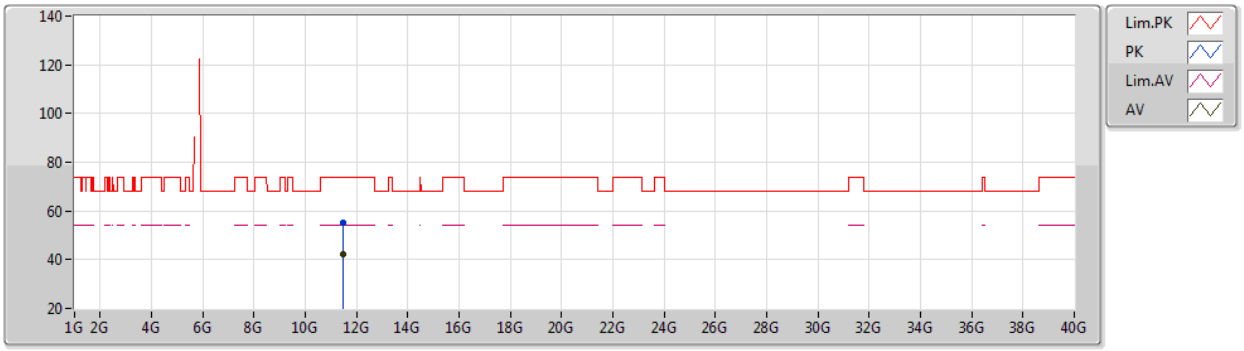
EUT Y_3TX
Setting 104
06-E-S-5-10
ANT WY0331
DUT R110#11

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	5.64G	65.02	68.20	-3.18	59.41	3	Vertical	142	1.80	-	31.64	5.84	31.87
PK	5.749G	121.58	Inf	-Inf	115.65	3	Vertical	142	1.80	-	31.90	5.94	31.91
AV	5.75G	112.16	Inf	-Inf	106.22	3	Vertical	142	1.80	-	31.90	5.95	31.91
PK	5.947G	62.59	68.20	-5.61	56.26	3	Vertical	142	1.80	-	32.40	5.93	32.00

802.11a_Nss1,(6Mbps)_3TX

5745MHz_TX

08/04/2020



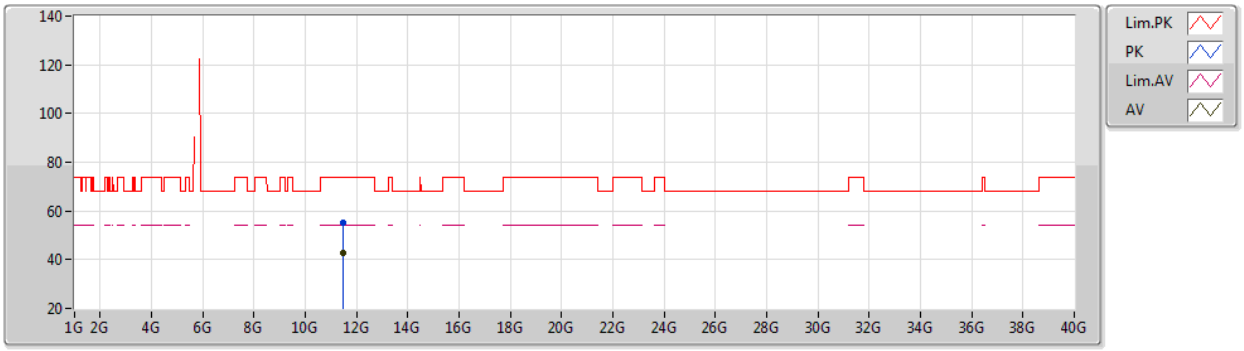
EUT Y_3TX
Setting 104
06-E-L-2
ANT WY0331
DUT R110#11

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	11.49165G	55.42	74.00	-18.58	41.41	3	Vertical	12	2.82	-	39.66	8.12	33.77
AV	11.48953G	42.40	54.00	-11.60	28.38	3	Vertical	12	2.82	-	39.67	8.12	33.77

802.11a_Nss1,(6Mbps)_3TX

5745MHz_TX

08/04/2020



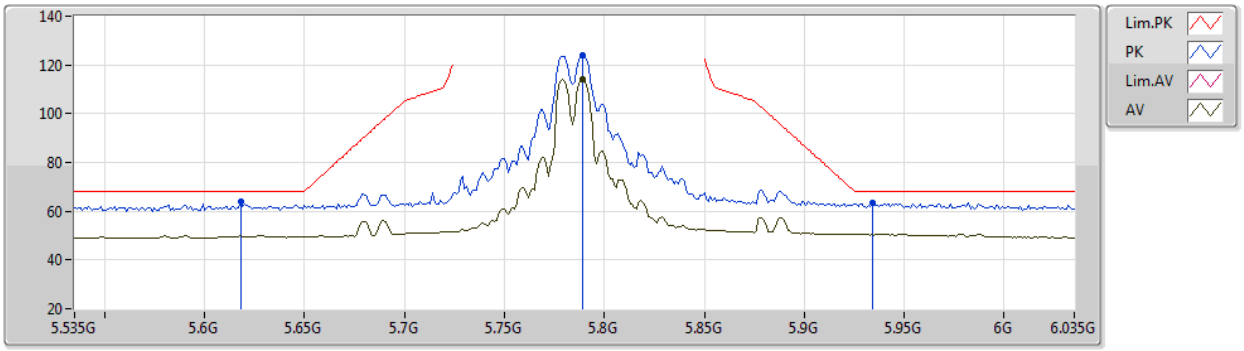
EUT Y_3TX
Setting 104
06-E-L-2
ANT WY0331
DUT R110#11

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	11.49117G	55.17	74.00	-18.83	41.16	3	Horizontal	10	1.70	-	39.66	8.12	33.77
AV	11.48888G	42.52	54.00	-11.48	28.50	3	Horizontal	10	1.70	-	39.67	8.12	33.77

802.11a_Nss1,(6Mbps)_3TX

5785MHz_TX

08/04/2020



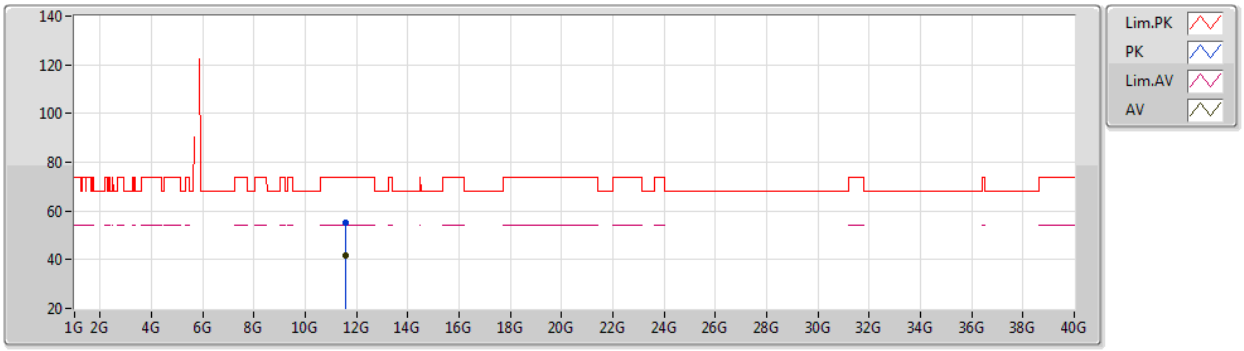
EUT Y_3TX
Setting 104
06-E-S-5-10
ANT WY0331
DUT R110#11

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	5.618G	63.77	68.20	-4.43	58.19	3	Vertical	140	1.80	-	31.62	5.82	31.86
PK	5.789G	123.92	Inf	-Inf	117.80	3	Vertical	140	1.80	-	32.06	5.99	31.93
AV	5.789G	114.22	Inf	-Inf	108.10	3	Vertical	140	1.80	-	32.06	5.99	31.93
PK	5.934G	63.63	68.20	-4.57	57.29	3	Vertical	140	1.80	-	32.40	5.93	31.99

802.11a_Nss1,(6Mbps)_3TX

5785MHz_TX

08/04/2020



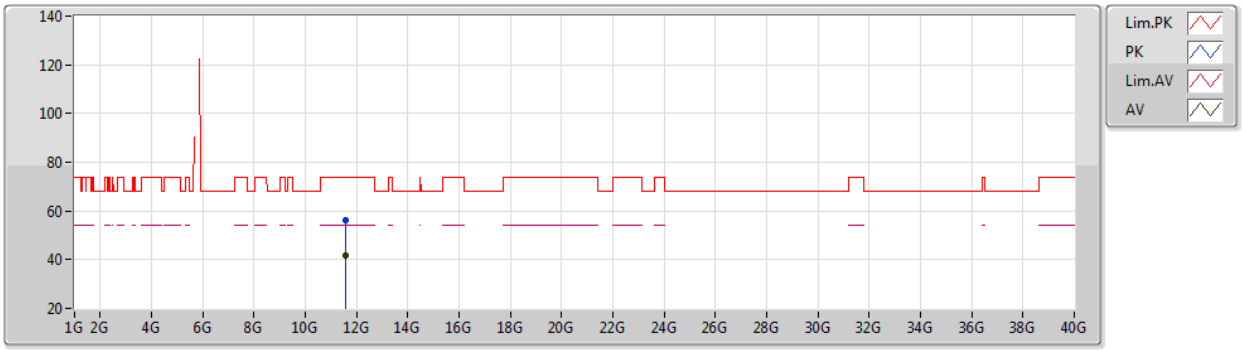
EUT Y_3TX
Setting 104
06-E-L-2
ANT WY0331
DUT R110#11

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	11.56922G	55.20	74.00	-18.80	41.30	3	Vertical	336	2.13	-	39.55	8.15	33.80
AV	11.56862G	41.90	54.00	-12.10	27.99	3	Vertical	336	2.13	-	39.55	8.15	33.79

802.11a_Nss1,(6Mbps)_3TX

5785MHz_TX

08/04/2020



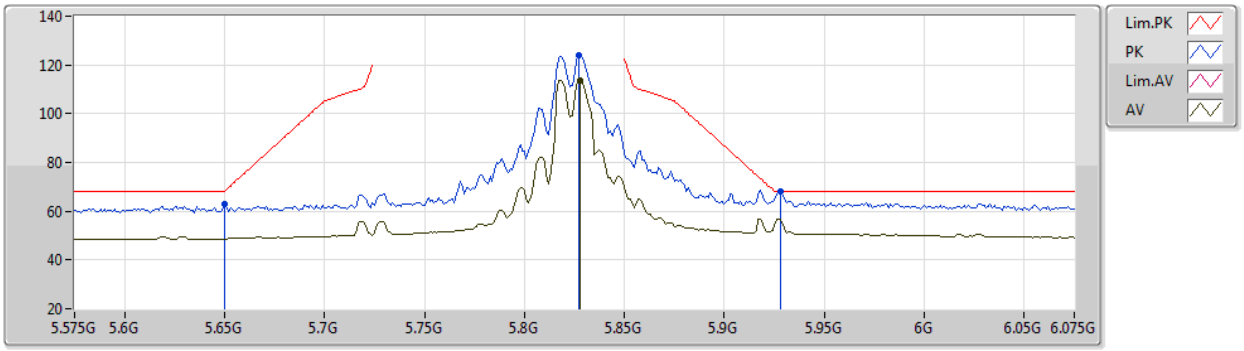
EUT Y_3TX
Setting 104
06-E-L-2
ANT WY0331
DUT R110#11

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	11.56764G	56.14	74.00	-17.86	42.23	3	Horizontal	182	1.05	-	39.55	8.15	33.79
AV	11.56905G	41.83	54.00	-12.17	27.93	3	Horizontal	182	1.05	-	39.55	8.15	33.80

802.11a_Nss1,(6Mbps)_3TX

5825MHz_TX

08/04/2020



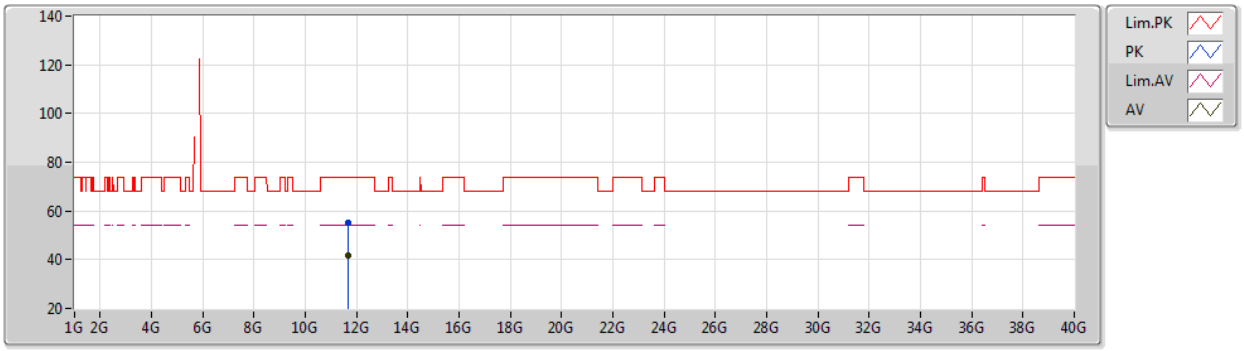
EUT Y_3TX
Setting 104
06-E-S-5-10
ANT WY0331
DUT R110#11

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	62.97	68.20	-5.23	57.35	3	Vertical	138	1.80	-	31.65	5.84	31.87
PK	5.827G	123.80	Inf	-Inf	117.58	3	Vertical	138	1.80	-	32.18	5.99	31.95
AV	5.828G	113.79	Inf	-Inf	107.57	3	Vertical	138	1.80	-	32.18	5.99	31.95
PK	5.928G	67.98	68.20	-0.22	61.63	3	Vertical	138	1.80	-	32.40	5.94	31.99

802.11a_Nss1,(6Mbps)_3TX

5825MHz_TX

08/04/2020



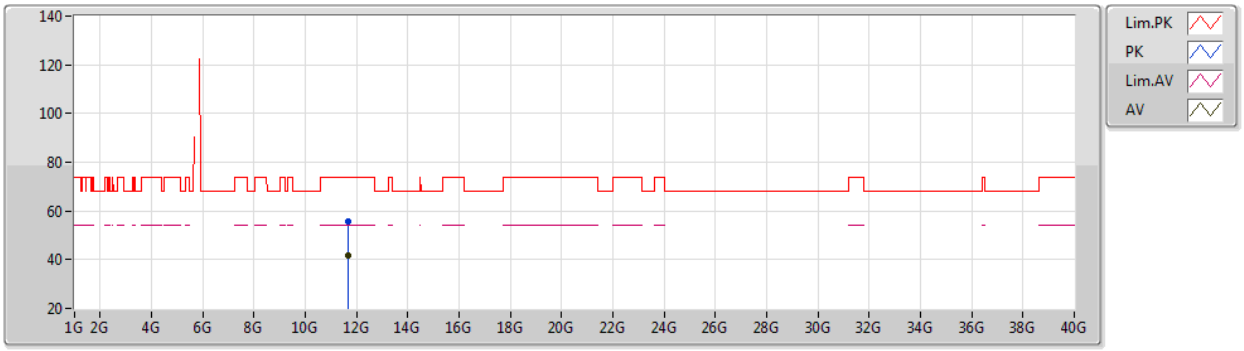
EUT Y_3TX
Setting 104
06-E-L-2
ANT WY0331
DUT R110#11

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	11.64872G	55.17	74.00	-18.83	41.38	3	Vertical	239	2.40	-	39.43	8.18	33.82
AV	11.64937G	41.60	54.00	-12.40	27.81	3	Vertical	239	2.40	-	39.43	8.18	33.82

802.11a_Nss1,(6Mbps)_3TX

5825MHz_TX

08/04/2020



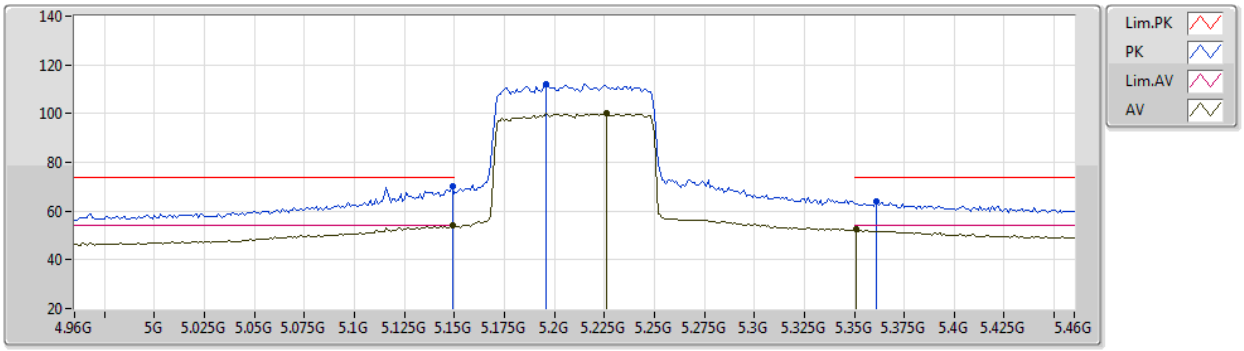
EUT Y_3TX
Setting 104
06-E-L-2
ANT WY0331
DUT R110#11

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	11.65194G	55.68	74.00	-18.32	41.90	3	Horizontal	326	2.92	-	39.42	8.18	33.82
AV	11.64949G	41.60	54.00	-12.40	27.81	3	Horizontal	326	2.92	-	39.43	8.18	33.82

802.11ax HEW80_Nss3,(MCS0)_3TX

5210MHz_TX

08/04/2020



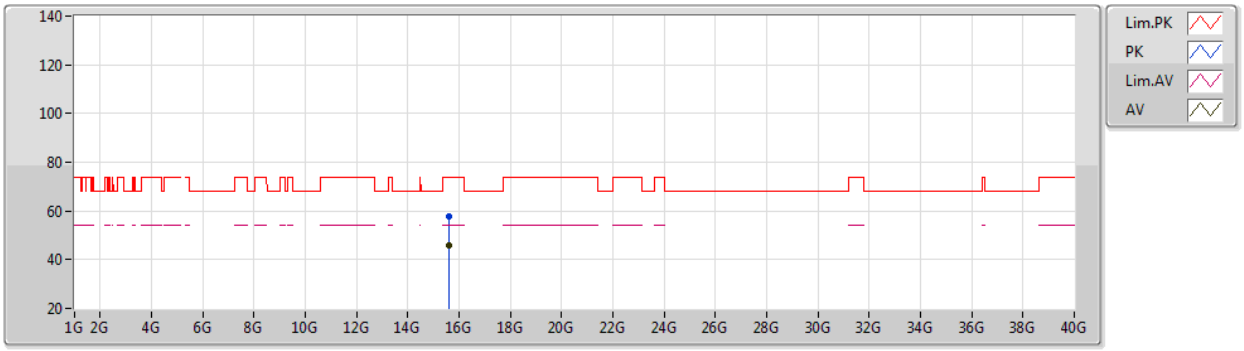
EUT Y_3TX
Setting 83
06-E-S-5-10
ANT WY0331
DUT R110#11

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	5.149G	70.25	74.00	-3.75	64.53	3	Vertical	316	1.80	-	31.75	5.60	31.63
AV	5.149G	53.91	54.00	-0.09	48.19	3	Vertical	316	1.80	-	31.75	5.60	31.63
PK	5.196G	111.95	Inf	-Inf	106.49	3	Vertical	316	1.80	-	31.52	5.60	31.66
AV	5.226G	100.18	Inf	-Inf	94.82	3	Vertical	316	1.80	-	31.40	5.63	31.67
PK	5.361G	63.98	74.00	-10.02	58.55	3	Vertical	316	1.80	-	31.41	5.76	31.74
AV	5.351G	52.34	54.00	-1.66	46.97	3	Vertical	316	1.80	-	31.36	5.75	31.74

802.11ax HEW80_Nss3,(MCS0)_3TX

5210MHz_TX

08/04/2020



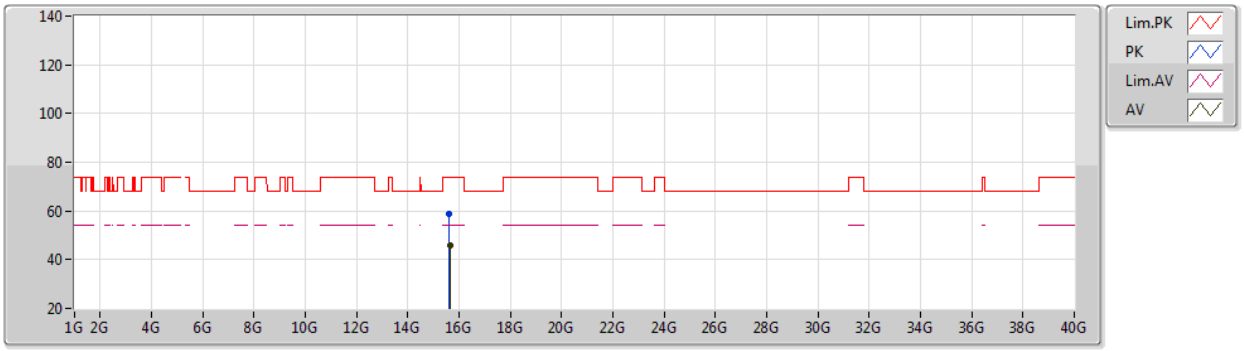
EUT Y_3TX
Setting 83
06-E-L-2
ANT WY0331
DUT R110#11

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	15.63104G	57.70	74.00	-16.30	43.90	3	Vertical	260	1.89	-	38.79	8.74	33.73
AV	15.62927G	45.69	54.00	-8.31	31.88	3	Vertical	260	1.89	-	38.80	8.74	33.73

802.11ax HEW80_Nss3,(MCS0)_3TX

5210MHz_TX

08/04/2020



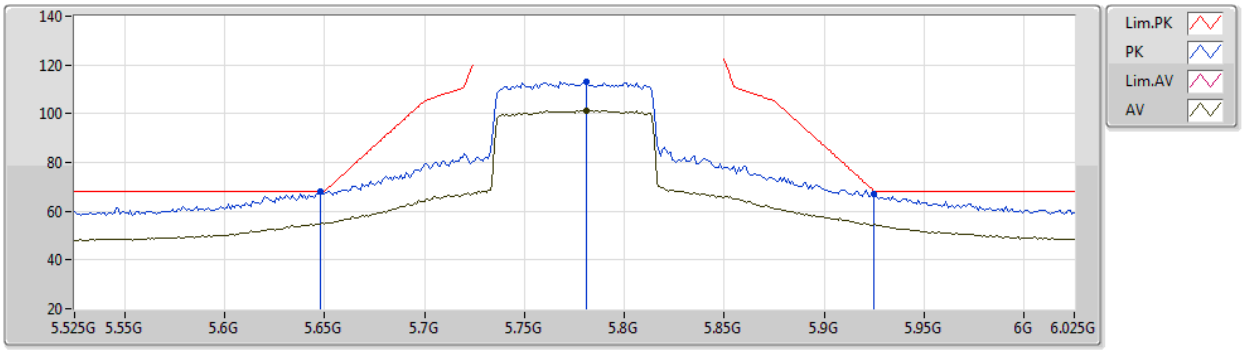
EUT Y_3TX
Setting 83
06-E-L-2
ANT WY0331
DUT R110#11

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	15.62934G	58.94	74.00	-15.06	45.13	3	Horizontal	143	2.25	-	38.80	8.74	33.73
AV	15.6325G	45.72	54.00	-8.28	31.92	3	Horizontal	143	2.25	-	38.79	8.74	33.73

802.11ax HEW80_Nss3,(MCS0)_3TX

5775MHz_TX

08/04/2020



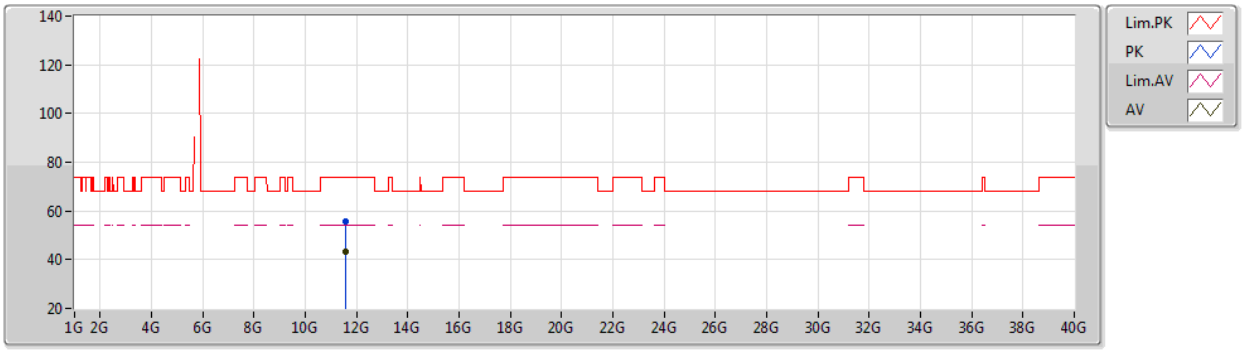
EUT Y_3TX
Setting 93
06-E-S-5-10
ANT WY0331
DUT R110#11

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	68.09	68.20	-0.11	62.47	3	Vertical	8	1.80	-	31.65	5.84	31.87
PK	5.781G	113.01	Inf	-Inf	106.94	3	Vertical	8	1.80	-	32.02	5.98	31.93
AV	5.781G	101.18	Inf	-Inf	95.11	3	Vertical	8	1.80	-	32.02	5.98	31.93
PK	5.925G	67.04	68.20	-1.16	60.69	3	Vertical	8	1.80	-	32.40	5.94	31.99

802.11ax HEW80_Nss3,(MCS0)_3TX

5775MHz_TX

08/04/2020



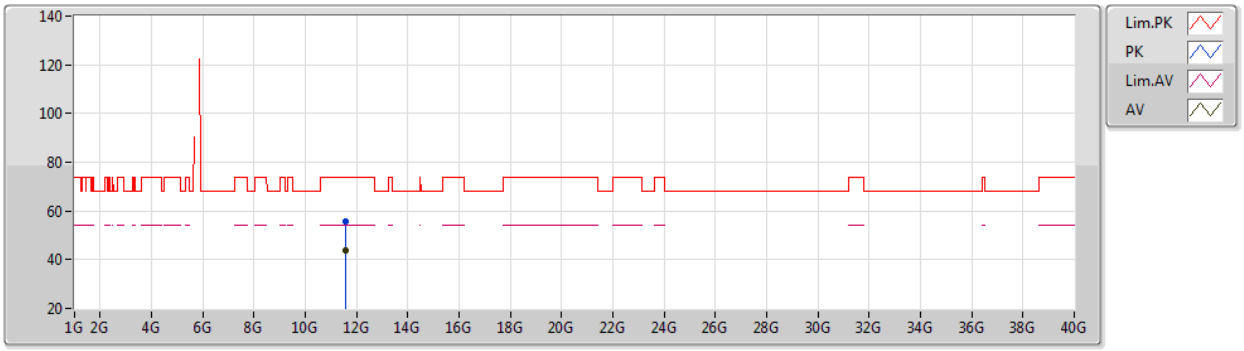
EUT Y_3TX
Setting 93
06-E-L-2
ANT WY0331
DUT R110#11

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	11.55085G	55.74	74.00	-18.26	41.82	3	Vertical	117	2.95	-	39.57	8.14	33.79
AV	11.55131G	43.07	54.00	-10.93	29.15	3	Vertical	117	2.95	-	39.57	8.14	33.79

802.11ax HEW80_Nss3,(MCS0)_3TX

5775MHz_TX

08/04/2020



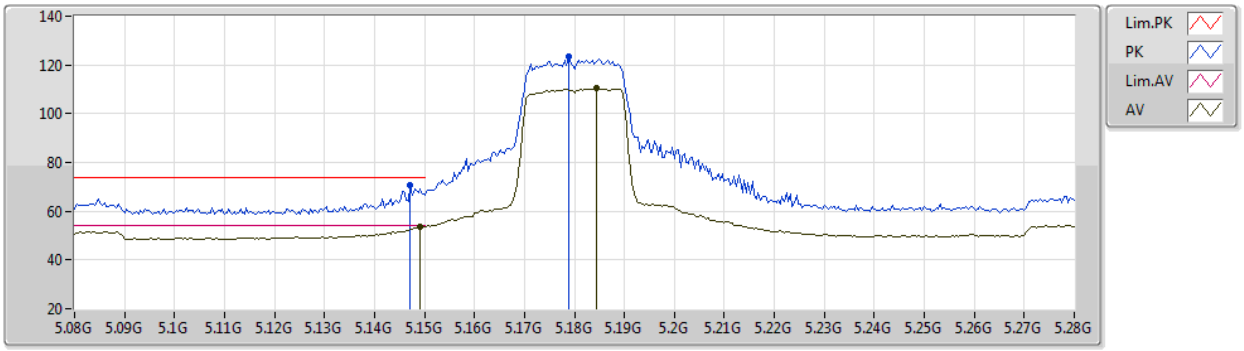
EUT Y_3TX
Setting 93
06-E-L-2
ANT WY0331
DUT R110#11

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	11.55142G	55.89	74.00	-18.11	41.97	3	Horizontal	301	2.64	-	39.57	8.14	33.79
AV	11.55248G	43.54	54.00	-10.46	29.62	3	Horizontal	301	2.64	-	39.57	8.14	33.79

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

5180MHz_TX

08/04/2020



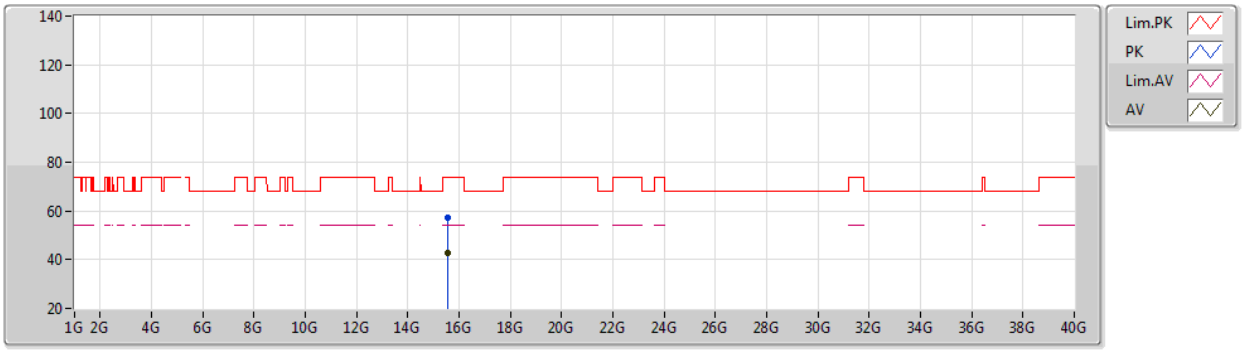
EUT Y_3TX
Setting 84
06-E-S-5-10
ANT WY0331
DUT R110#11

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	70.87	74.00	-3.13	65.14	3	Vertical	237	1.79	-	31.76	5.60	31.63
AV	5.1492G	53.70	54.00	-0.30	47.98	3	Vertical	237	1.79	-	31.75	5.60	31.63
PK	5.1788G	123.27	Inf	-Inf	117.71	3	Vertical	237	1.79	-	31.61	5.60	31.65
AV	5.1844G	110.27	Inf	-Inf	104.74	3	Vertical	237	1.79	-	31.58	5.60	31.65

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

5180MHz_TX

08/04/2020



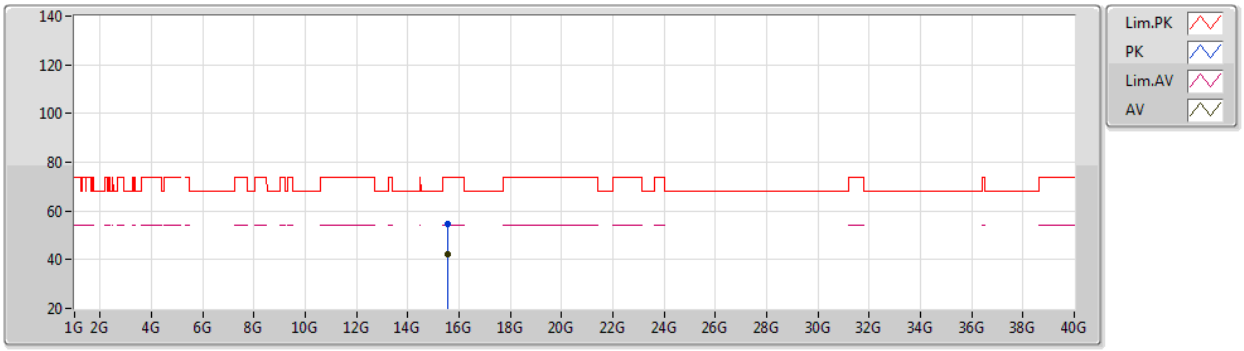
EUT Y_3TX
Setting 84
02-B-J-7
ANT WY0331
DUT R110#11

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	15.53772G	57.11	74.00	-16.89	41.10	3	Vertical	225	2.19	-	38.74	9.25	31.98
AV	15.5372G	42.60	54.00	-11.40	26.59	3	Vertical	225	2.19	-	38.74	9.25	31.98

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

5180MHz_TX

08/04/2020



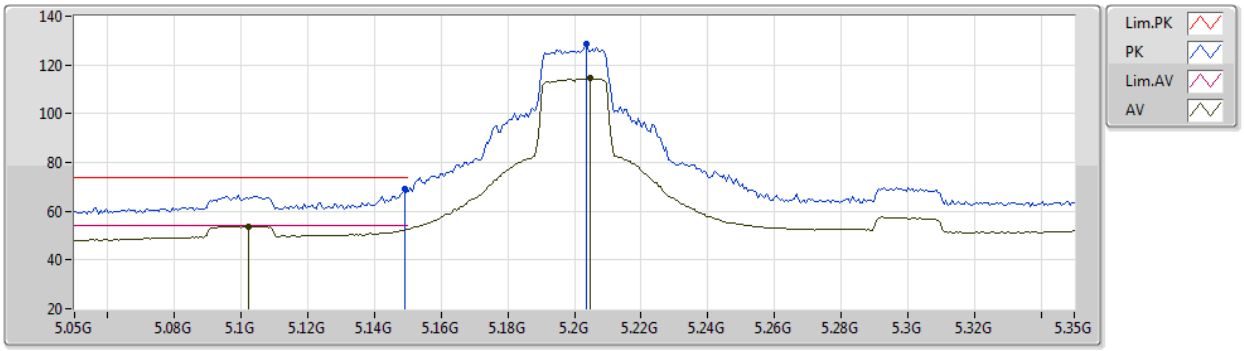
EUT Y_3TX
Setting 84
02-B-J-7
ANT WY0331
DUT R110#11

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	15.54154G	54.87	74.00	-19.13	38.87	3	Horizontal	240	2.06	-	38.73	9.25	31.98
AV	15.53568G	42.07	54.00	-11.93	26.05	3	Horizontal	240	2.06	-	38.75	9.25	31.98

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

5200MHz_TX

08/04/2020



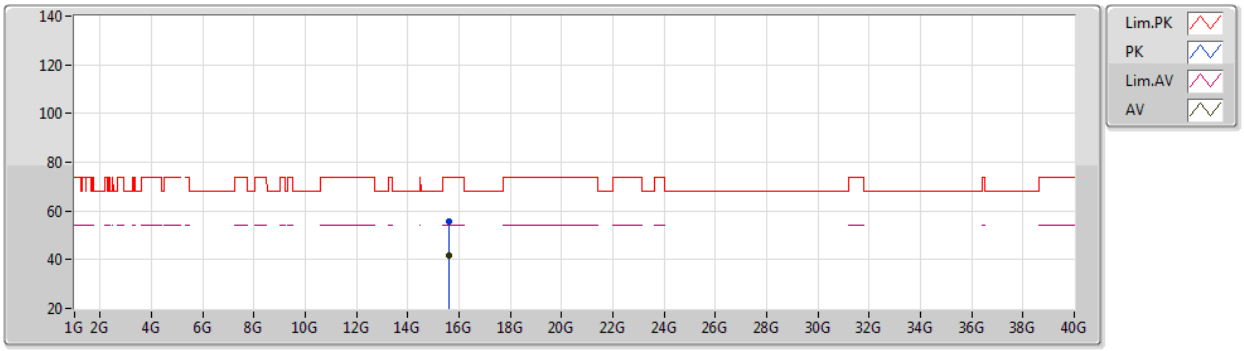
EUT Y_3TX
Setting 100
06-E-S-5-10
ANT WY0331
DUT R110#11

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	5.149G	69.07	74.00	-4.93	63.35	3	Vertical	240	2.71	-	31.75	5.60	31.63
AV	5.1022G	53.85	54.00	-0.15	47.87	3	Vertical	240	2.71	-	31.99	5.60	31.61
PK	5.2036G	128.83	Inf	-Inf	123.40	3	Vertical	240	2.71	-	31.49	5.60	31.66
AV	5.2048G	114.51	Inf	-Inf	109.09	3	Vertical	240	2.71	-	31.48	5.60	31.66

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

5200MHz_TX

08/04/2020



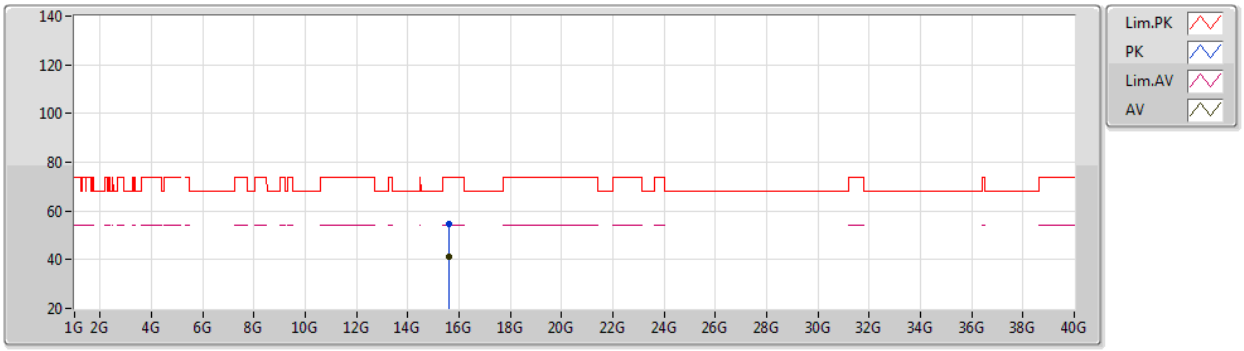
EUT Y_3TX
Setting 100
02-B-J-7
ANT WY0331
DUT R110#11

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	15.60212G	55.49	74.00	-18.51	39.66	3	Vertical	164	1.80	-	38.55	9.27	31.99
AV	15.5956G	41.69	54.00	-12.31	25.84	3	Vertical	164	1.80	-	38.57	9.27	31.99

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

5200MHz_TX

08/04/2020



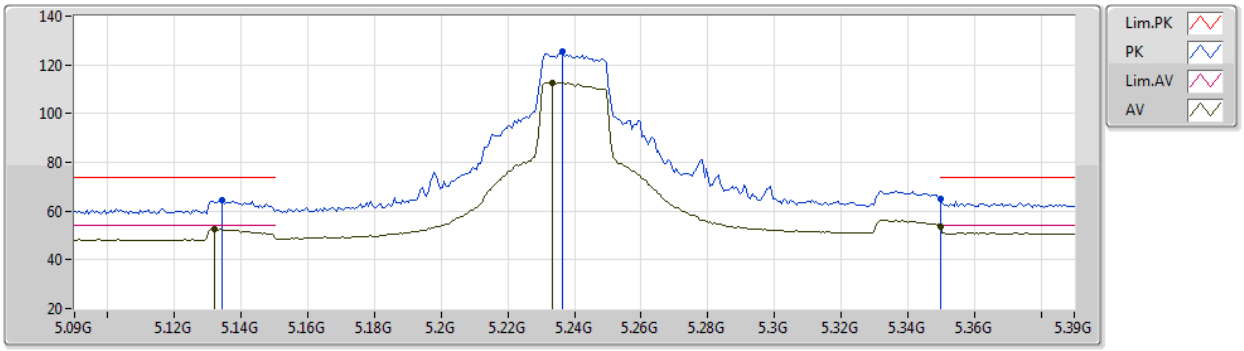
EUT Y_3TX
Setting 100
02-B-J-7
ANT WY0331
DUT R110#11

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	15.60274G	54.48	74.00	-19.52	38.65	3	Horizontal	74	1.46	-	38.55	9.27	31.99
AV	15.59766G	41.38	54.00	-12.62	25.53	3	Horizontal	74	1.46	-	38.57	9.27	31.99

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

5240MHz_TX

08/04/2020



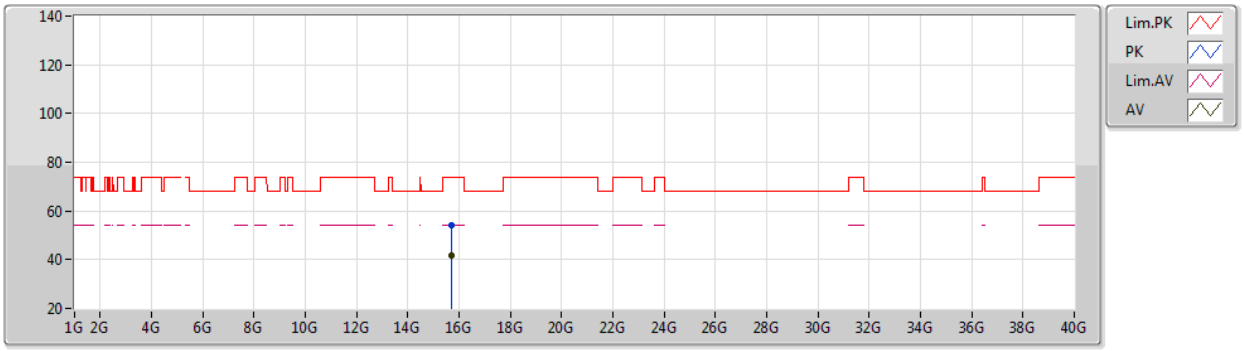
EUT Y_3TX
Setting 100
06-E-S-5-10
ANT WY0331
DUT R110#11

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	5.1344G	64.67	74.00	-9.33	58.87	3	Vertical	276	1.80	-	31.83	5.60	31.63
AV	5.132G	52.49	54.00	-1.51	46.68	3	Vertical	276	1.80	-	31.84	5.60	31.63
PK	5.2364G	125.44	Inf	-Inf	120.13	3	Vertical	276	1.80	-	31.35	5.64	31.68
AV	5.2334G	112.84	Inf	-Inf	107.52	3	Vertical	276	1.80	-	31.37	5.63	31.68
PK	5.35G	65.21	74.00	-8.79	59.84	3	Vertical	276	1.80	-	31.35	5.75	31.73
AV	5.35G	53.85	54.00	-0.15	48.48	3	Vertical	276	1.80	-	31.35	5.75	31.73

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

5240MHz_TX

08/04/2020



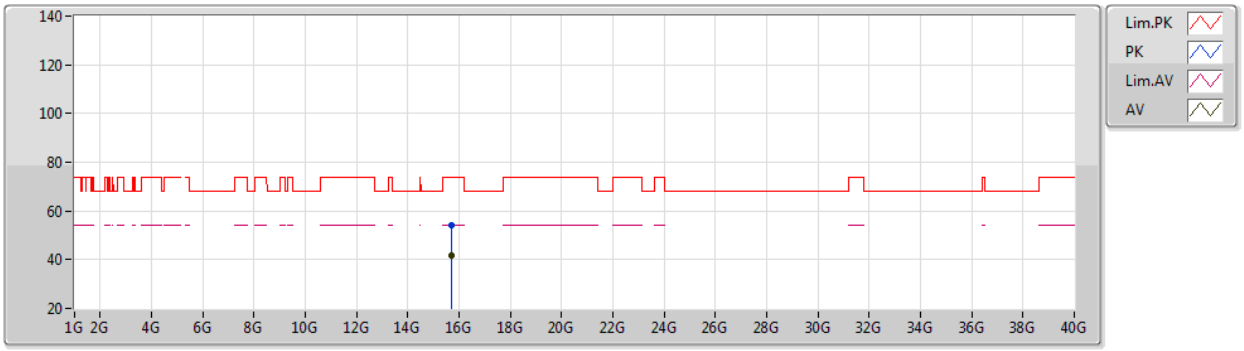
EUT Y_3TX
Setting 100
02-B-J-7
ANT WY0331
DUT R110#11

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	15.72036G	54.31	74.00	-19.69	38.81	3	Vertical	9	1.43	-	38.21	9.31	32.02
AV	15.717G	41.93	54.00	-12.07	26.42	3	Vertical	9	1.43	-	38.22	9.31	32.02

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

5240MHz_TX

08/04/2020



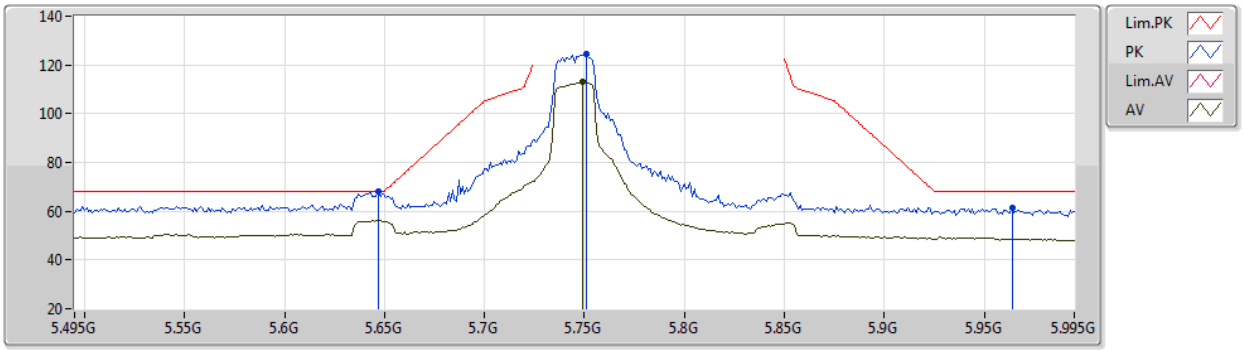
EUT Y_3TX
Setting 100
02-B-J-7
ANT WY0331
DUT R110#11

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	15.71576G	54.20	74.00	-19.80	38.69	3	Horizontal	153	2.79	-	38.22	9.31	32.02
AV	15.7223G	41.61	54.00	-12.39	26.11	3	Horizontal	153	2.79	-	38.21	9.31	32.02

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

5745MHz_TX

08/04/2020



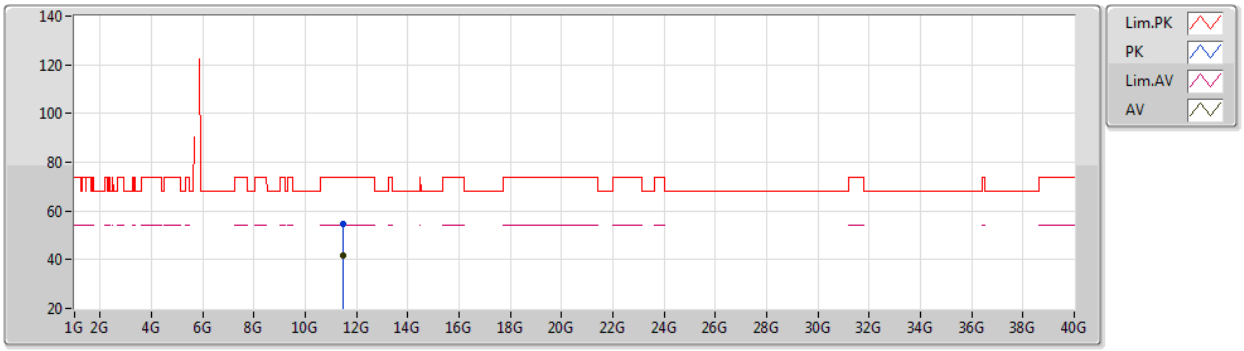
EUT Y_3TX
Setting 103
06-E-S-5-10
ANT WY0331
DUT R110#11

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	67.91	68.20	-0.29	62.29	3	Vertical	25	1.83	-	31.65	5.84	31.87
PK	5.751G	124.28	Inf	-Inf	118.35	3	Vertical	25	1.83	-	31.90	5.95	31.92
AV	5.749G	113.15	Inf	-Inf	107.22	3	Vertical	25	1.83	-	31.90	5.94	31.91
PK	5.964G	61.28	68.20	-6.92	54.97	3	Vertical	25	1.83	-	32.40	5.92	32.01

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

5745MHz_TX

08/04/2020



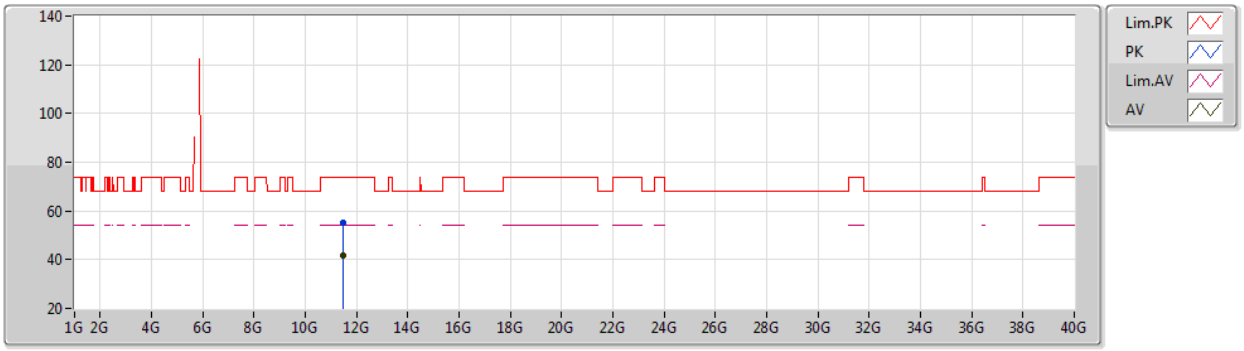
EUT Y_3TX
Setting 103
02-B-J-7
ANT WY0331
DUT R110#11

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	11.49482G	54.73	74.00	-19.27	38.58	3	Vertical	304	1.88	-	38.90	8.85	31.60
AV	11.48818G	41.66	54.00	-12.34	25.52	3	Vertical	304	1.88	-	38.89	8.85	31.60

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

5745MHz_TX

08/04/2020



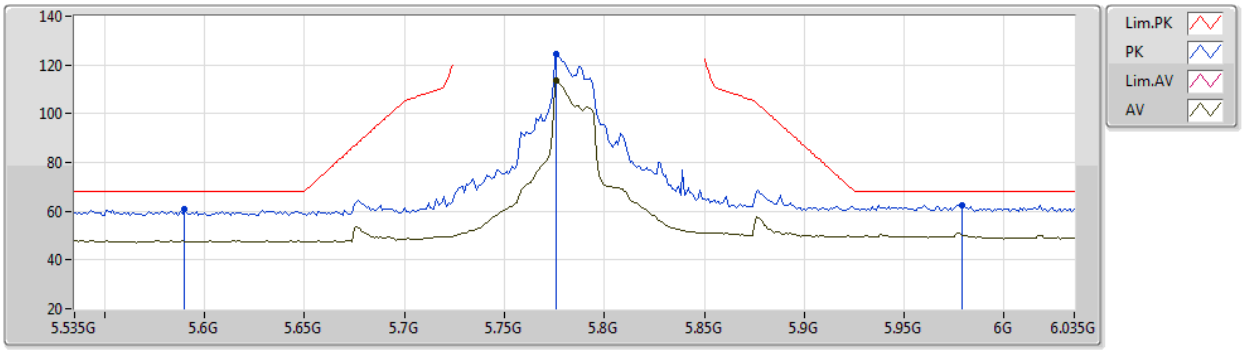
EUT Y_3TX
Setting 103
02-B-J-7
ANT WY0331
DUT R110#11

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	11.48918G	55.10	74.00	-18.90	38.96	3	Horizontal	192	2.21	-	38.89	8.85	31.60
AV	11.49072G	41.55	54.00	-12.45	25.41	3	Horizontal	192	2.21	-	38.89	8.85	31.60

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

5785MHz_TX

08/04/2020



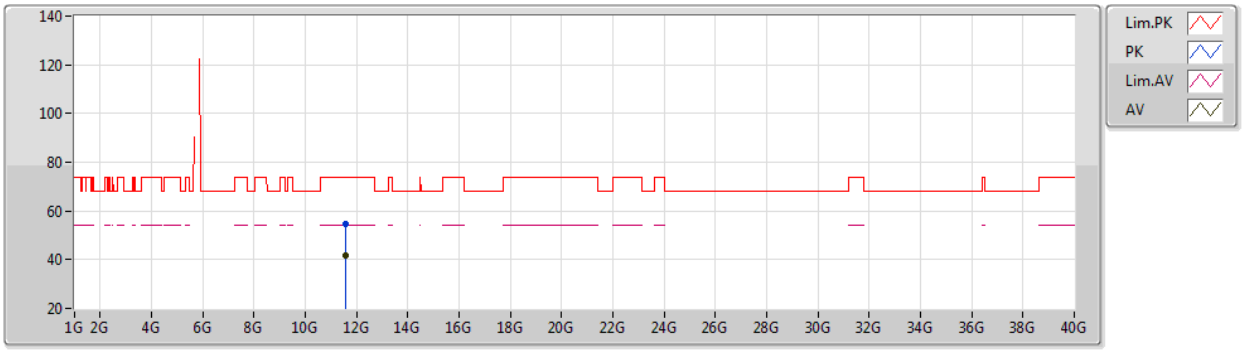
EUT Y_3TX
Setting 104
06-E-S-5-10
ANT WY0331
DUT R110#11

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	5.59G	60.75	68.20	-7.45	55.18	3	Vertical	209	1.80	-	31.62	5.80	31.85
PK	5.776G	124.62	Inf	-Inf	118.58	3	Vertical	209	1.80	-	32.00	5.97	31.93
AV	5.776G	113.43	Inf	-Inf	107.39	3	Vertical	209	1.80	-	32.00	5.97	31.93
PK	5.979G	62.61	68.20	-5.59	56.31	3	Vertical	209	1.80	-	32.40	5.91	32.01

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

5785MHz_TX

08/04/2020



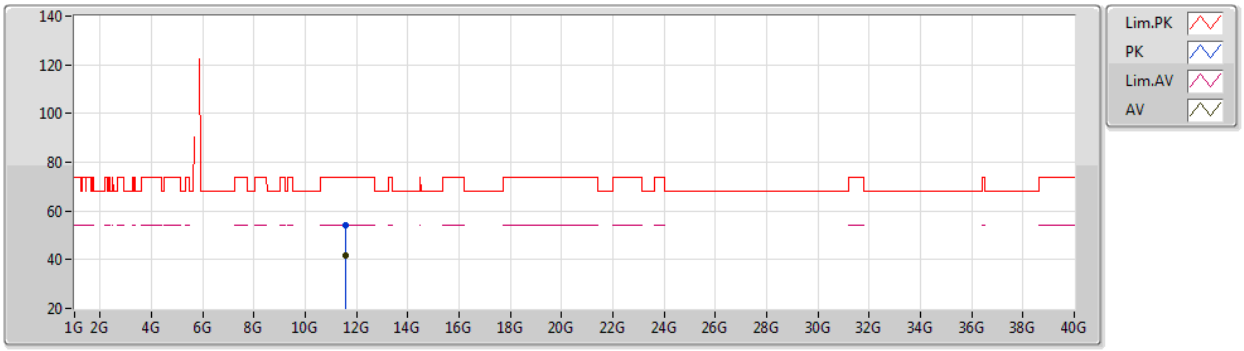
EUT Y_3TX
Setting 104
02-B-J-7
ANT WY0331
DUT R110#11

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	11.572G	54.73	74.00	-19.27	38.52	3	Vertical	193	2.15	-	38.96	8.88	31.63
AV	11.57012G	41.67	54.00	-12.33	25.46	3	Vertical	193	2.15	-	38.96	8.88	31.63

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

5785MHz_TX

08/04/2020



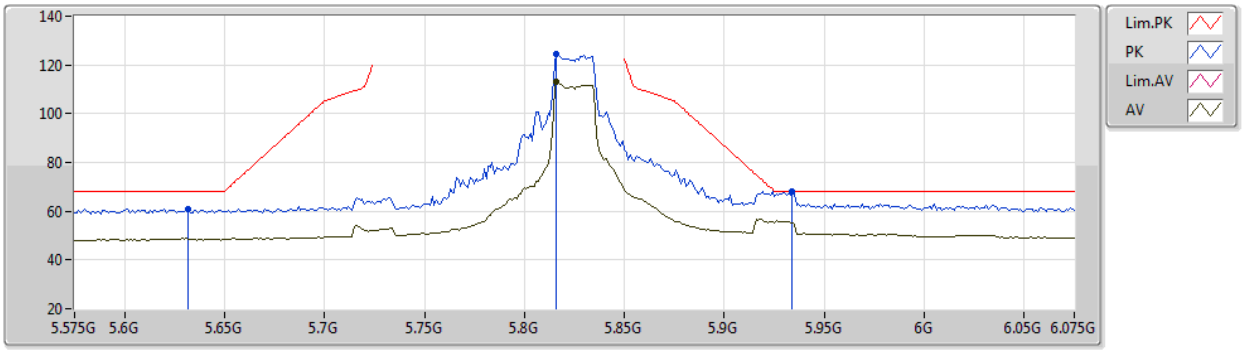
EUT Y_3TX
Setting 104
02-B-J-7
ANT WY0331
DUT R110#11

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	11.57046G	54.34	74.00	-19.66	38.13	3	Horizontal	248	1.49	-	38.96	8.88	31.63
AV	11.57168G	41.52	54.00	-12.48	25.31	3	Horizontal	248	1.49	-	38.96	8.88	31.63

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

5825MHz_TX

08/04/2020



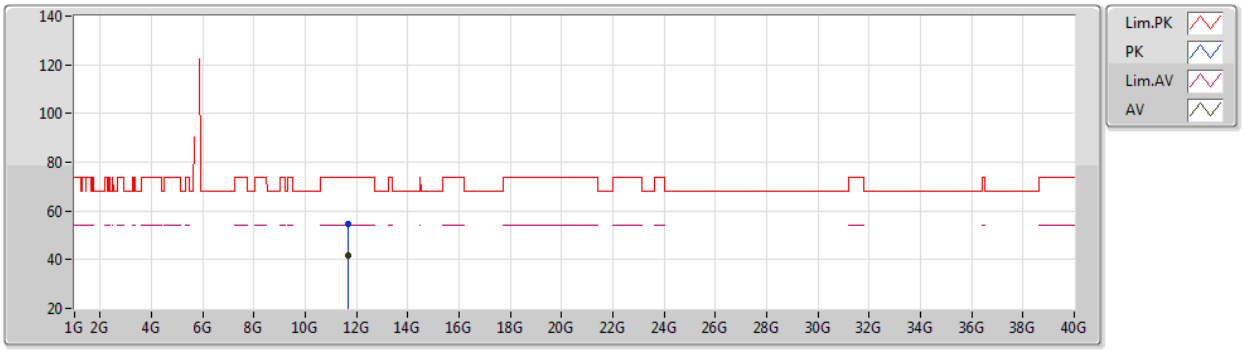
EUT Y_3TX
Setting 102
06-E-S-5-10
ANT WY0331
DUT R110#11

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	5.632G	60.89	68.20	-7.31	55.29	3	Vertical	116	1.92	-	31.63	5.83	31.86
PK	5.816G	124.60	Inf	-Inf	118.41	3	Vertical	116	1.92	-	32.15	5.99	31.95
AV	5.816G	113.28	Inf	-Inf	107.09	3	Vertical	116	1.92	-	32.15	5.99	31.95
PK	5.934G	67.93	68.20	-0.27	61.59	3	Vertical	116	1.92	-	32.40	5.93	31.99

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

5825MHz_TX

08/04/2020



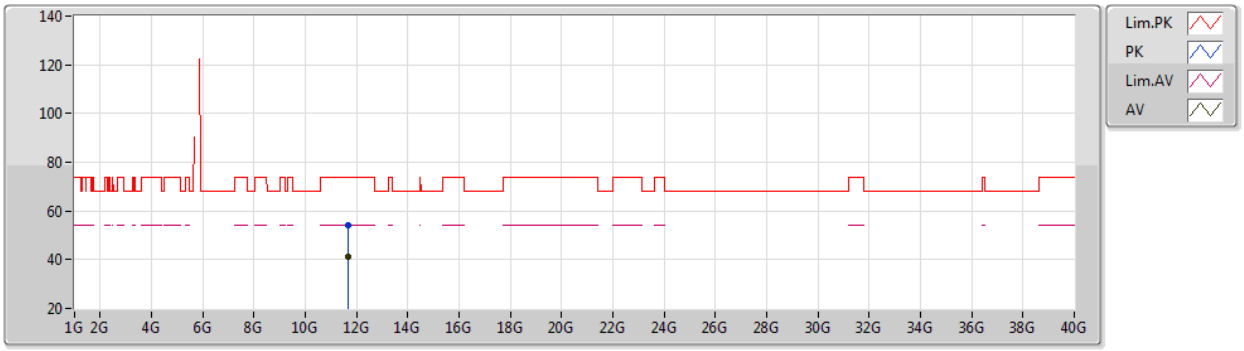
EUT Y_3TX
Setting 102
02-B-J-7
ANT WY0331
DUT R110#11

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	11.65292G	54.72	74.00	-19.28	38.45	3	Vertical	12	2.98	-	39.02	8.90	31.65
AV	11.6479G	41.60	54.00	-12.40	25.33	3	Vertical	12	2.98	-	39.02	8.90	31.65

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

5825MHz_TX

08/04/2020



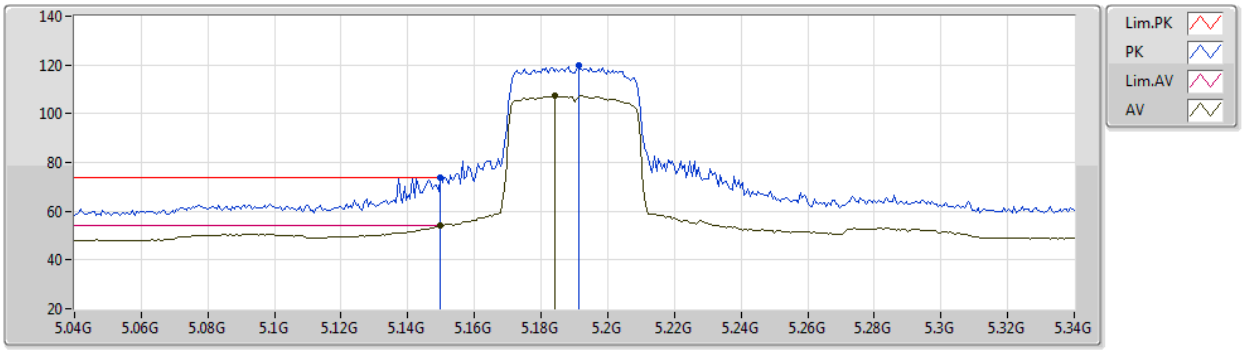
EUT Y_3TX
Setting 102
02-B-J-7
ANT WY0331
DUT R110#11

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	11.6515G	54.10	74.00	-19.90	37.83	3	Horizontal	287	2.78	-	39.02	8.90	31.65
AV	11.64898G	41.34	54.00	-12.66	25.07	3	Horizontal	287	2.78	-	39.02	8.90	31.65

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

5190MHz_TX

08/04/2020



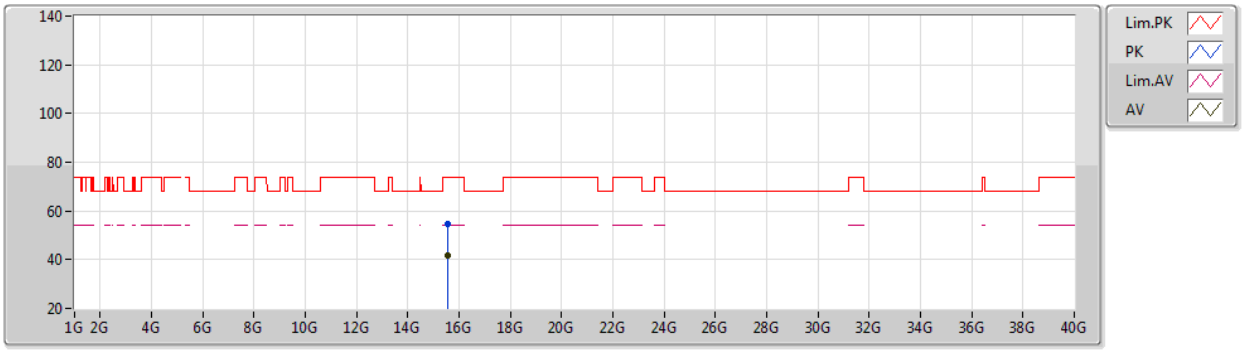
EUT Y_3TX
Setting 81
06-E-S-5-10
ANT WY0331
DUT R110#11

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	5.1498G	73.78	74.00	-0.22	68.06	3	Vertical	235	1.80	-	31.75	5.60	31.63
AV	5.1498G	53.95	54.00	-0.05	48.23	3	Vertical	235	1.80	-	31.75	5.60	31.63
PK	5.1912G	119.91	Inf	-Inf	114.43	3	Vertical	235	1.80	-	31.54	5.60	31.66
AV	5.184G	107.20	Inf	-Inf	101.67	3	Vertical	235	1.80	-	31.58	5.60	31.65

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

5190MHz_TX

08/04/2020



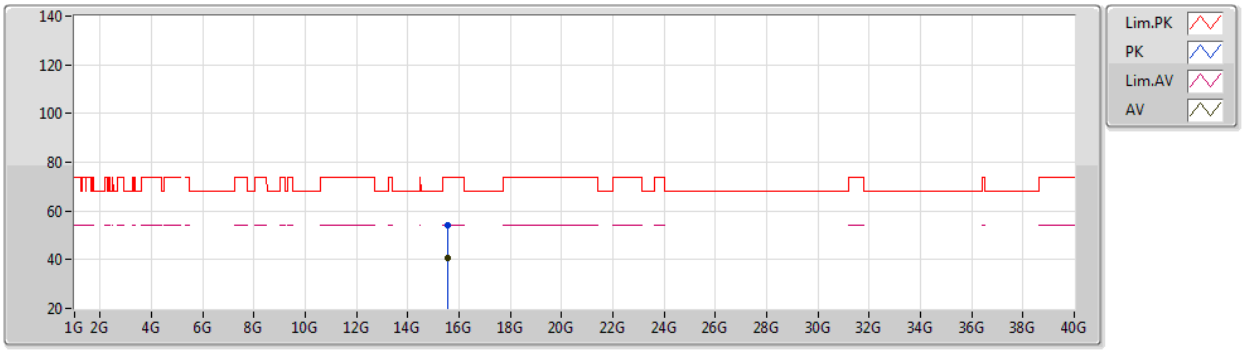
EUT Y_3TX
Setting 81
02-B-J-7
ANT WY0331
DUT R110#11

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	15.57334G	54.42	74.00	-19.58	38.51	3	Vertical	327	2.05	-	38.64	9.26	31.99
AV	15.56554G	41.62	54.00	-12.38	25.68	3	Vertical	327	2.05	-	38.66	9.26	31.98

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

5190MHz_TX

08/04/2020



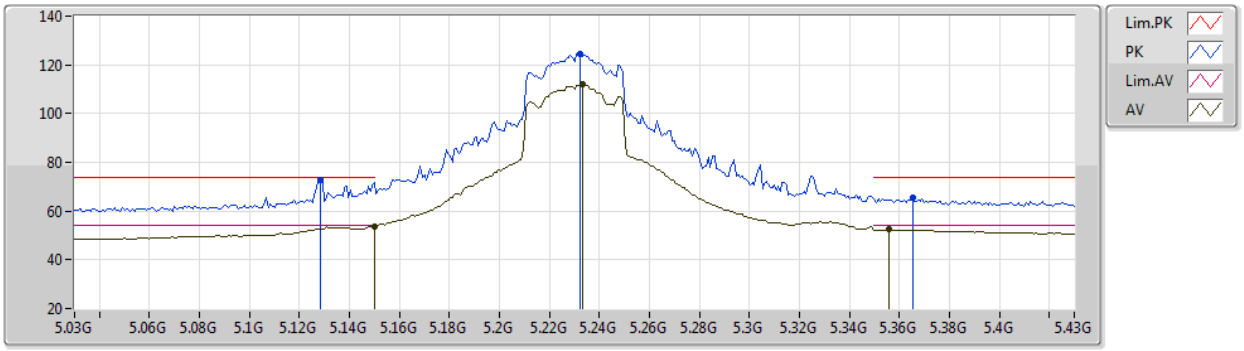
EUT Y_3TX
Setting 81
02-B-J-7
ANT WY0331
DUT R110#11

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	15.56652G	54.24	74.00	-19.76	38.30	3	Horizontal	113	2.74	-	38.66	9.26	31.98
AV	15.56882G	40.86	54.00	-13.14	24.94	3	Horizontal	113	2.74	-	38.65	9.26	31.99

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

5230MHz_TX

08/04/2020



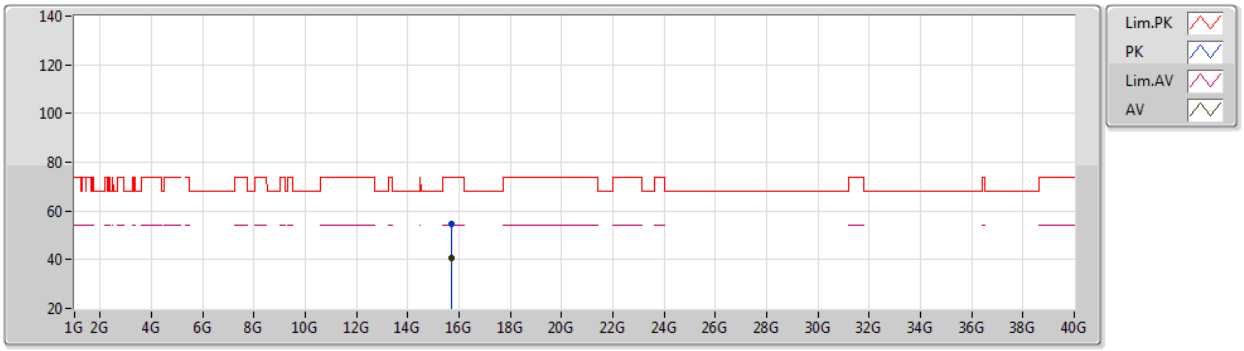
EUT Y_3TX
Setting 100
06-E-S-5-10
ANT WY0331
DUT R110#11

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	5.1284G	72.61	74.00	-1.39	66.77	3	Vertical	239	1.80	-	31.86	5.60	31.62
AV	5.15G	53.69	54.00	-0.31	47.97	3	Vertical	239	1.80	-	31.75	5.60	31.63
PK	5.2324G	124.68	Inf	-Inf	119.36	3	Vertical	239	1.80	-	31.37	5.63	31.68
AV	5.2332G	111.85	Inf	-Inf	106.53	3	Vertical	239	1.80	-	31.37	5.63	31.68
PK	5.3652G	65.50	74.00	-8.50	60.04	3	Vertical	239	1.80	-	31.43	5.77	31.74
AV	5.3556G	52.34	54.00	-1.66	46.94	3	Vertical	239	1.80	-	31.38	5.76	31.74

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

5230MHz_TX

08/04/2020



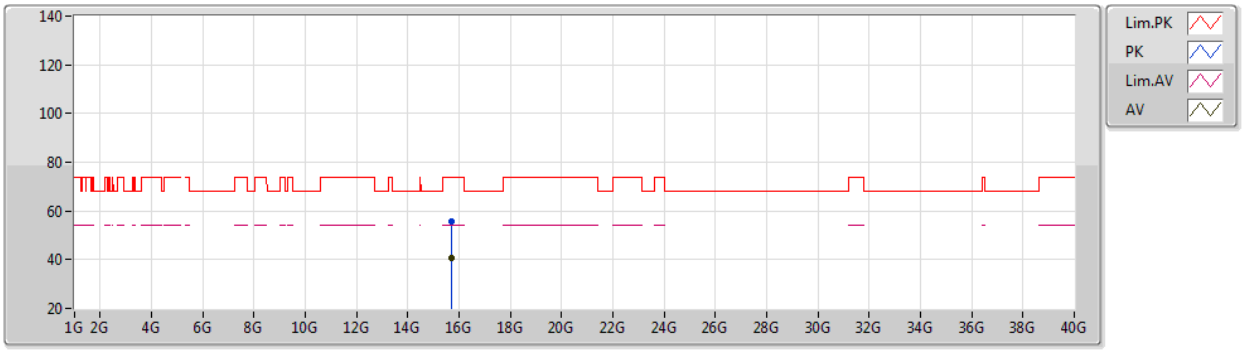
EUT Y_3TX
Setting 100
02-B-J-7
ANT WY0331
DUT R110#11

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	15.69432G	54.66	74.00	-19.34	39.08	3	Vertical	278	2.60	-	38.29	9.30	32.01
AV	15.69276G	40.90	54.00	-13.10	25.32	3	Vertical	278	2.60	-	38.29	9.30	32.01

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

5230MHz_TX

08/04/2020



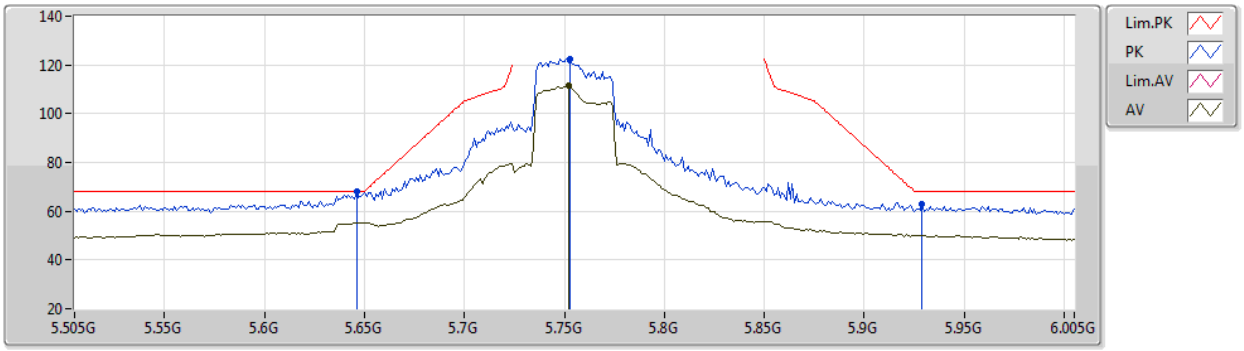
EUT Y_3TX
Setting 100
02-B-J-7
ANT WY0331
DUT R110#11

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	15.68506G	55.60	74.00	-18.40	40.00	3	Horizontal	216	2.31	-	38.31	9.30	32.01
AV	15.6877G	40.74	54.00	-13.26	25.14	3	Horizontal	216	2.31	-	38.31	9.30	32.01

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

5755MHz_TX

08/04/2020



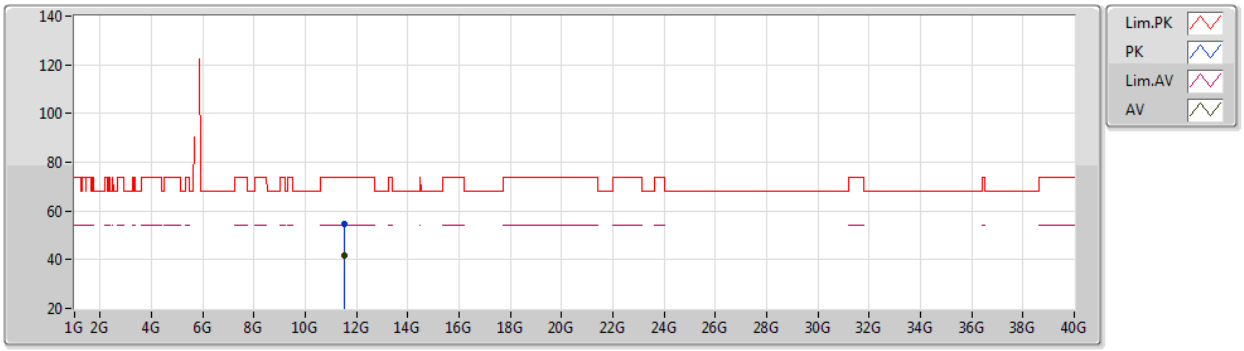
EUT Y_3TX
Setting 98
06-E-S-5-10
ANT WY0331
DUT R110#11

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	5.646G	68.10	68.20	-0.10	62.48	3	Vertical	26	1.78	-	31.65	5.84	31.87
PK	5.753G	122.63	Inf	-Inf	116.69	3	Vertical	26	1.78	-	31.91	5.95	31.92
AV	5.752G	111.33	Inf	-Inf	105.39	3	Vertical	26	1.78	-	31.91	5.95	31.92
PK	5.929G	62.80	68.20	-5.40	56.45	3	Vertical	26	1.78	-	32.40	5.94	31.99

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

5755MHz_TX

08/04/2020



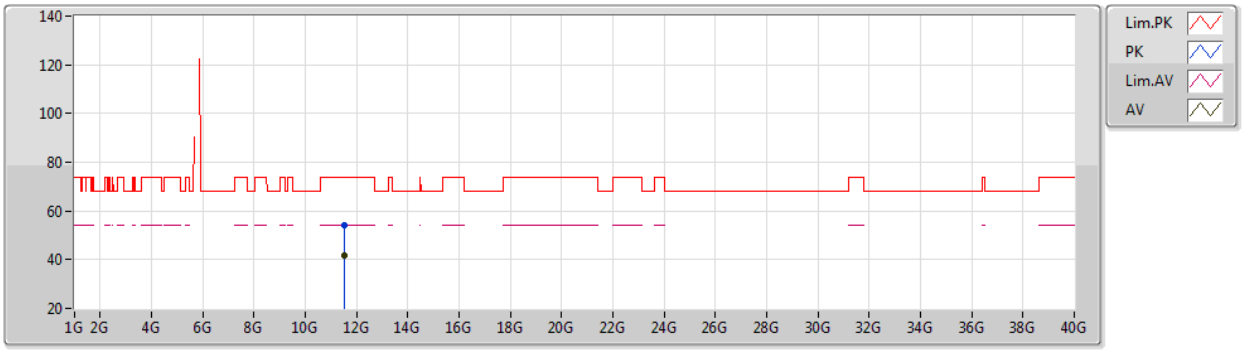
EUT Y_3TX
Setting 98
02-B-J-7
ANT WY0331
DUT R110#11

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	11.5069G	54.42	74.00	-19.58	38.26	3	Vertical	337	1.68	-	38.91	8.86	31.61
AV	11.505G	41.50	54.00	-12.50	25.35	3	Vertical	337	1.68	-	38.90	8.86	31.61

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

5755MHz_TX

08/04/2020



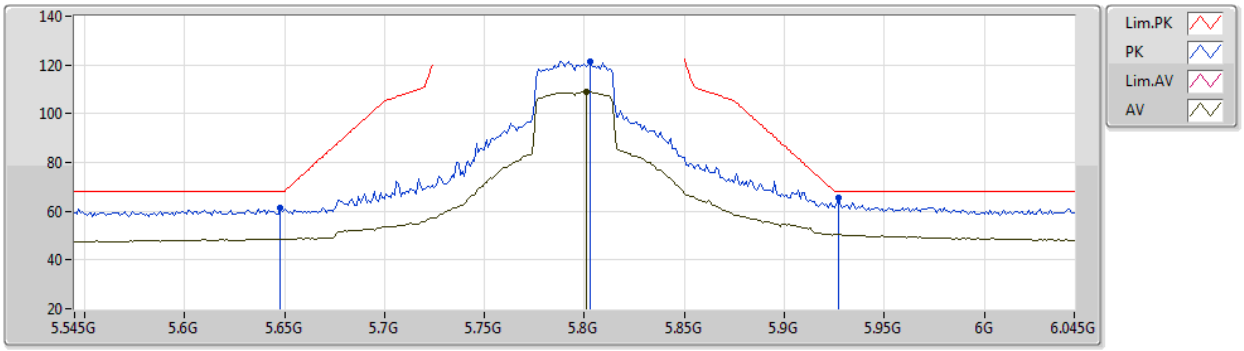
EUT Y_3TX
Setting 98
02-B-J-7
ANT WY0331
DUT R110#11

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	11.51392G	54.37	74.00	-19.63	38.21	3	Horizontal	274	1.01	-	38.91	8.86	31.61
AV	11.506G	41.58	54.00	-12.42	25.43	3	Horizontal	274	1.01	-	38.90	8.86	31.61

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

5795MHz_TX

08/04/2020



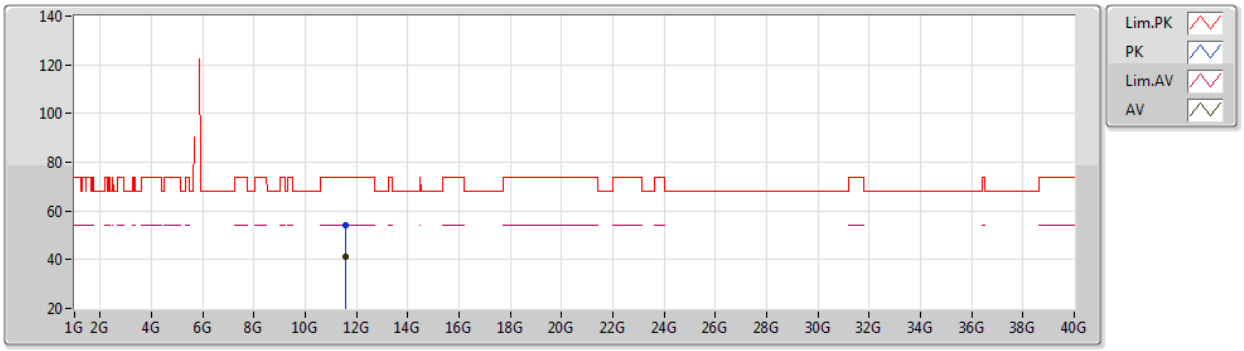
EUT Y_3TX
Setting 104
06-E-S-5-10
ANT WY0331
DUT R110#11

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	61.35	68.20	-6.85	55.73	3	Vertical	89	1.80	-	31.65	5.84	31.87
PK	5.803G	121.24	Inf	-Inf	115.07	3	Vertical	89	1.80	-	32.11	6.00	31.94
AV	5.801G	108.92	Inf	-Inf	102.76	3	Vertical	89	1.80	-	32.10	6.00	31.94
PK	5.927G	65.62	68.20	-2.58	59.27	3	Vertical	89	1.80	-	32.40	5.94	31.99

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

5795MHz_TX

08/04/2020



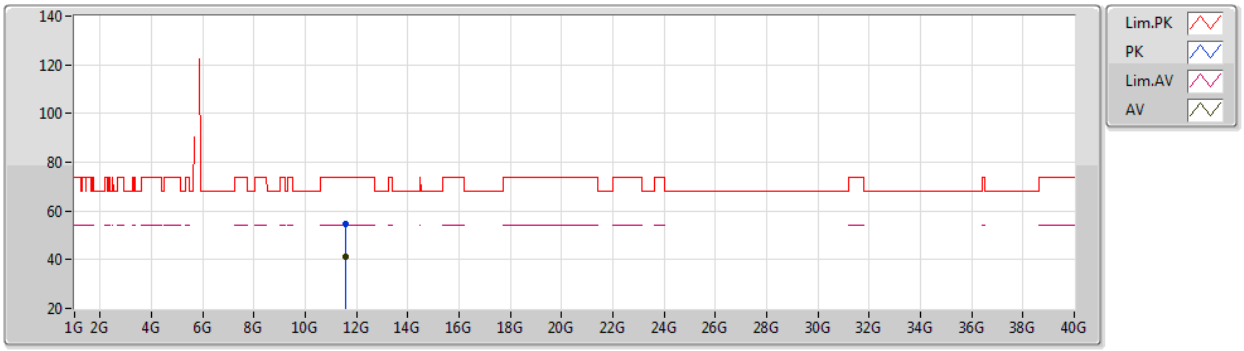
EUT Y_3TX
Setting 104
02-B-J-7
ANT WY0331
DUT R110#11

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	11.58694G	54.32	74.00	-19.68	38.10	3	Vertical	276	2.17	-	38.97	8.88	31.63
AV	11.5948G	41.11	54.00	-12.89	24.88	3	Vertical	276	2.17	-	38.98	8.88	31.63

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

5795MHz_TX

08/04/2020



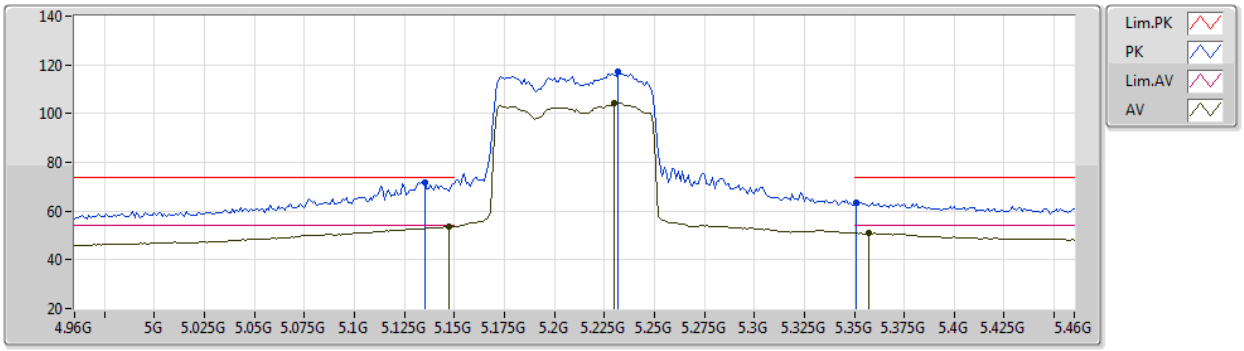
EUT Y_3TX
Setting 104
02-B-J-7
ANT WY0331
DUT R110#11

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	11.5875G	54.73	74.00	-19.27	38.51	3	Horizontal	314	1.42	-	38.97	8.88	31.63
AV	11.58742G	41.01	54.00	-12.99	24.79	3	Horizontal	314	1.42	-	38.97	8.88	31.63

802.11ax HEW80-BF_Nss1,(MCS0)_3TX

5210MHz_TX

08/04/2020



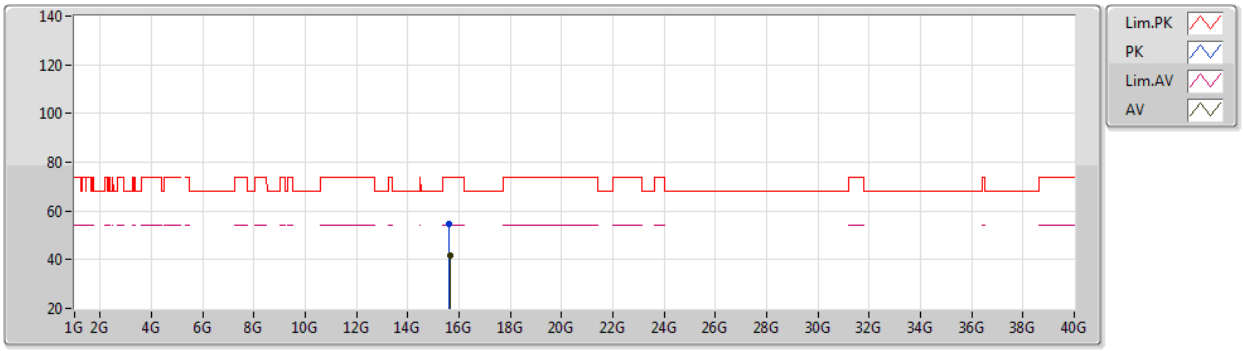
EUT Y_3TX
Setting 83
06-E-S-5-10
ANT WY0331
DUT R110#11

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	5.135G	71.72	74.00	-2.28	65.93	3	Vertical	247	1.80	-	31.82	5.60	31.63
AV	5.147G	53.82	54.00	-0.18	48.08	3	Vertical	247	1.80	-	31.77	5.60	31.63
PK	5.232G	117.05	Inf	-Inf	111.73	3	Vertical	247	1.80	-	31.37	5.63	31.68
AV	5.23G	104.25	Inf	-Inf	98.92	3	Vertical	247	1.80	-	31.38	5.63	31.68
PK	5.351G	63.65	74.00	-10.35	58.28	3	Vertical	247	1.80	-	31.36	5.75	31.74
AV	5.357G	50.94	54.00	-3.06	45.53	3	Vertical	247	1.80	-	31.39	5.76	31.74

802.11ax HEW80-BF_Nss1,(MCS0)_3TX

5210MHz_TX

08/04/2020



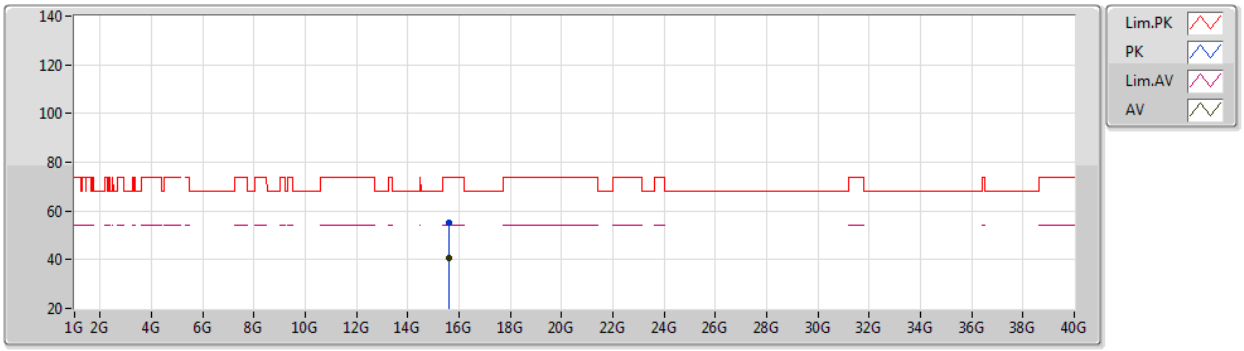
EUT Y_3TX
Setting 83
02-B-J-7
ANT WY0331
DUT R110#11

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	15.6267G	54.74	74.00	-19.26	38.98	3	Vertical	129	1.80	-	38.48	9.28	32.00
AV	15.63172G	41.76	54.00	-12.24	26.01	3	Vertical	129	1.80	-	38.47	9.28	32.00

802.11ax HEW80-BF_Nss1,(MCS0)_3TX

5210MHz_TX

08/04/2020



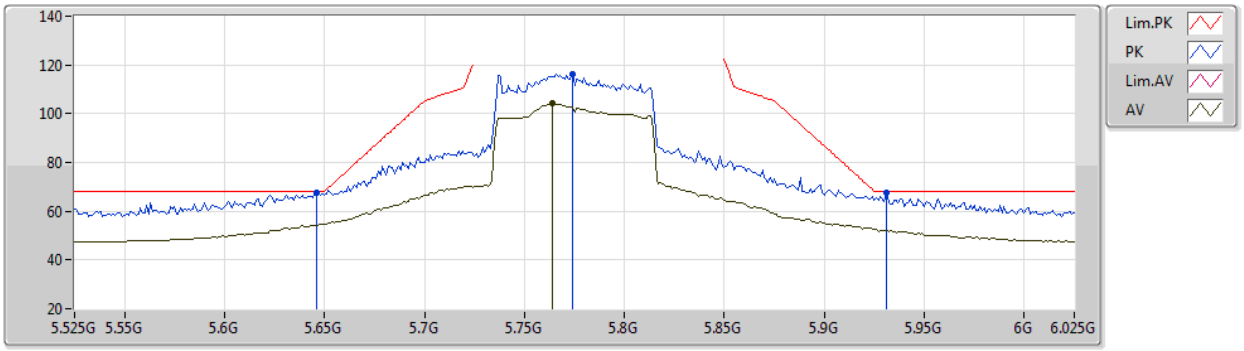
EUT Y_3TX
Setting 83
02-B-J-7
ANT WY0331
DUT R110#11

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	15.62886G	55.02	74.00	-18.98	39.26	3	Horizontal	220	1.17	-	38.48	9.28	32.00
AV	15.62542G	40.83	54.00	-13.17	25.06	3	Horizontal	220	1.17	-	38.49	9.28	32.00

802.11ax HEW80-BF_Nss1,(MCS0)_3TX

5775MHz_TX

08/04/2020



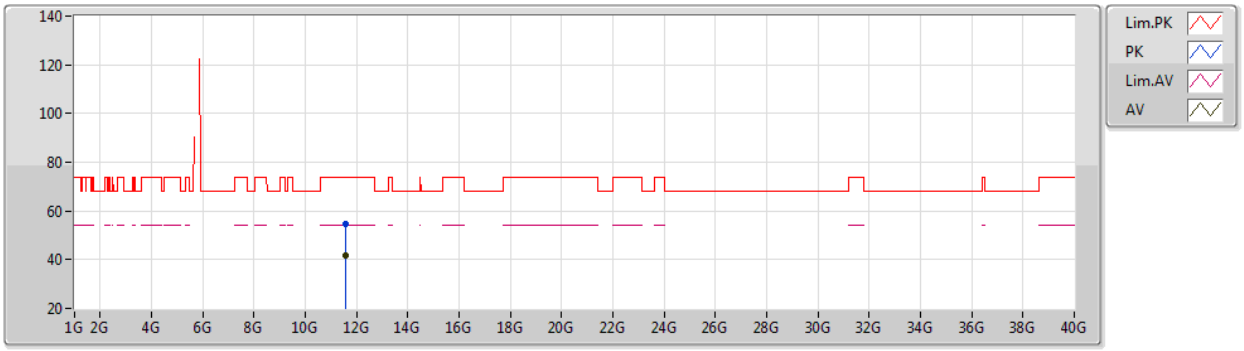
EUT Y_3TX
Setting 97
06-E-S-5-10
ANT WY0331
DUT R110#11

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	5.646G	67.77	68.20	-0.43	62.15	3	Vertical	71	1.77	-	31.65	5.84	31.87
PK	5.774G	116.21	Inf	-Inf	110.17	3	Vertical	71	1.77	-	32.00	5.97	31.93
AV	5.764G	104.08	Inf	-Inf	98.08	3	Vertical	71	1.77	-	31.96	5.96	31.92
PK	5.931G	67.43	68.20	-0.77	61.09	3	Vertical	71	1.77	-	32.40	5.93	31.99

802.11ax HEW80-BF_Nss1,(MCS0)_3TX

5775MHz_TX

08/04/2020



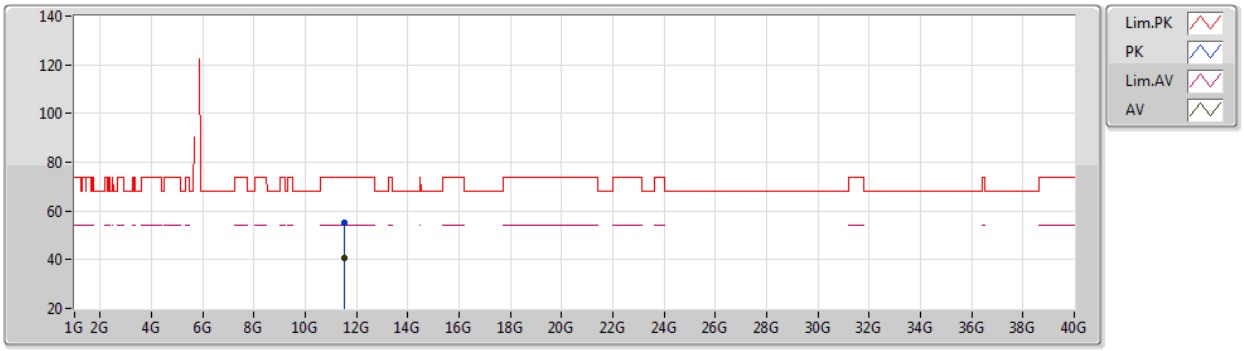
EUT Y_3TX
Setting 97
02-B-J-7
ANT WY0331
DUT R110#11

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	11.55028G	54.76	74.00	-19.24	38.57	3	Vertical	255	2.22	-	38.94	8.87	31.62
AV	11.55412G	41.76	54.00	-12.24	25.57	3	Vertical	255	2.22	-	38.94	8.87	31.62

802.11ax HEW80-BF_Nss1,(MCS0)_3TX

5775MHz_TX

08/04/2020



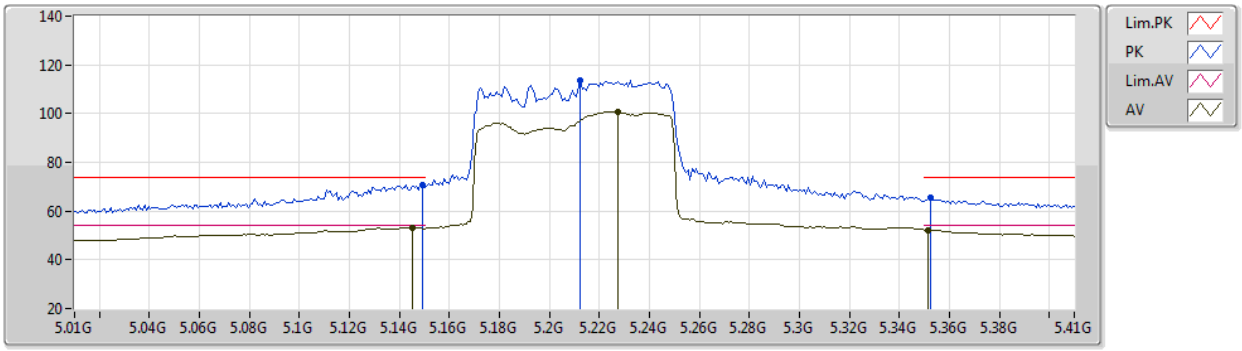
EUT Y_3TX
Setting 97
02-B-J-7
ANT WY0331
DUT R110#11

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	11.54604G	55.11	74.00	-18.89	38.92	3	Horizontal	45	2.15	-	38.94	8.87	31.62
AV	11.54732G	40.92	54.00	-13.08	24.73	3	Horizontal	45	2.15	-	38.94	8.87	31.62

802.11ax HEW80-BF_Nss2,(MCS0)_3TX

5210MHz_TX

08/04/2020



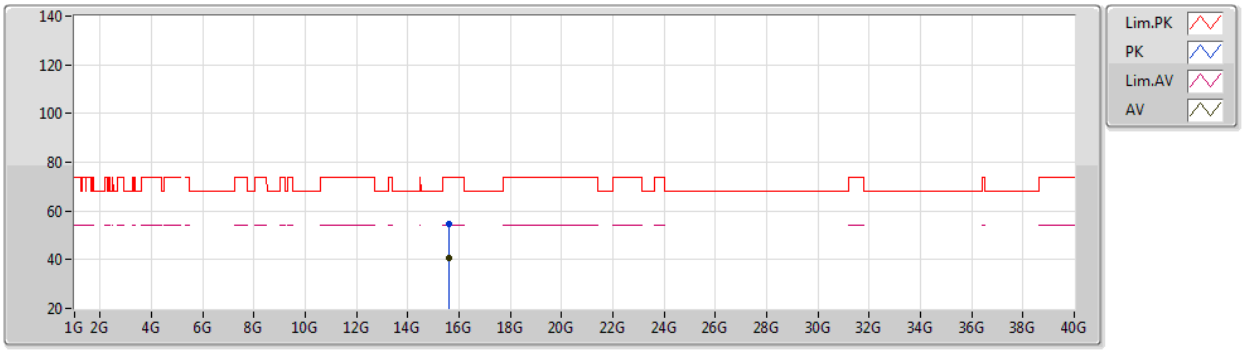
EUT Y_3TX
Setting 83
02-B-J-7-10
ANT WY0331
DUT R110#11

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	70.84	74.00	-3.16	60.55	3	Vertical	19	1.80	-	34.70	5.97	30.38
AV	5.1452G	53.31	54.00	-0.69	43.02	3	Vertical	19	1.80	-	34.70	5.97	30.38
PK	5.2124G	113.56	Inf	-Inf	103.21	3	Vertical	19	1.80	-	34.74	6.01	30.40
AV	5.2276G	100.89	Inf	-Inf	90.51	3	Vertical	19	1.80	-	34.78	6.01	30.41
PK	5.3524G	65.61	74.00	-8.39	55.15	3	Vertical	19	1.80	-	34.84	6.08	30.46
AV	5.3516G	52.31	54.00	-1.69	41.84	3	Vertical	19	1.80	-	34.85	6.08	30.46

802.11ax HEW80-BF_Nss2,(MCS0)_3TX

5210MHz_TX

08/04/2020



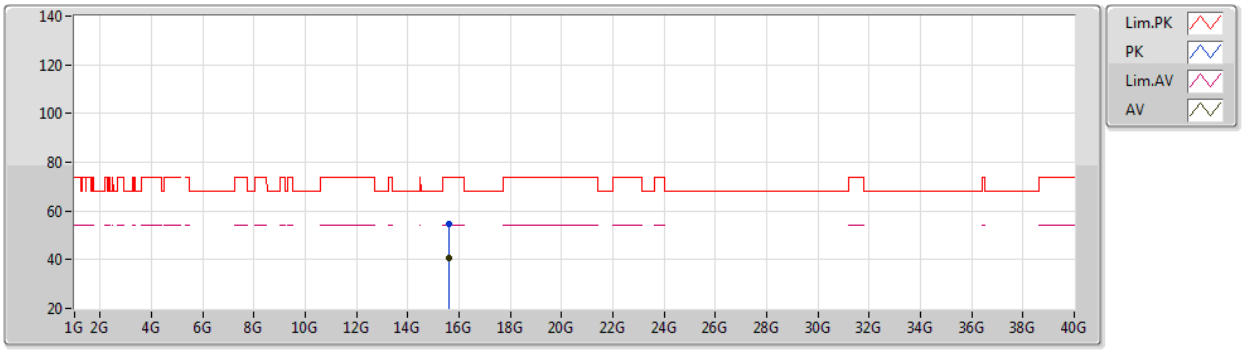
EUT Y_3TX
Setting 83
02-B-J-7
ANT WY0331
DUT R110#11

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	15.62916G	54.59	74.00	-19.41	38.83	3	Vertical	346	1.45	-	38.48	9.28	32.00
AV	15.62946G	40.91	54.00	-13.09	25.16	3	Vertical	346	1.45	-	38.47	9.28	32.00

802.11ax HEW80-BF_Nss2,(MCS0)_3TX

5210MHz_TX

08/04/2020



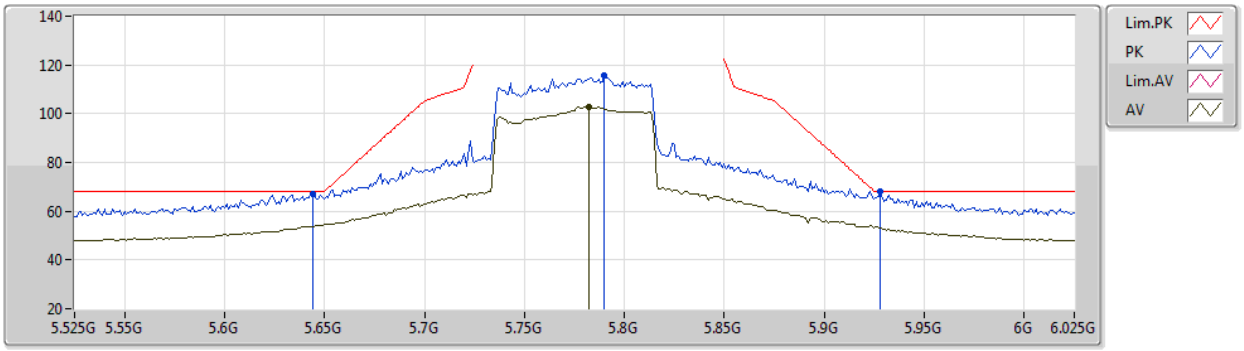
EUT Y_3TX
Setting 83
02-B-J-7
ANT WY0331
DUT R110#11

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	15.6285G	54.85	74.00	-19.15	39.09	3	Horizontal	308	2.83	-	38.48	9.28	32.00
AV	15.6265G	40.74	54.00	-13.26	24.98	3	Horizontal	308	2.83	-	38.48	9.28	32.00

802.11ax HEW80-BF_Nss2,(MCS0)_3TX

5775MHz_TX

08/04/2020



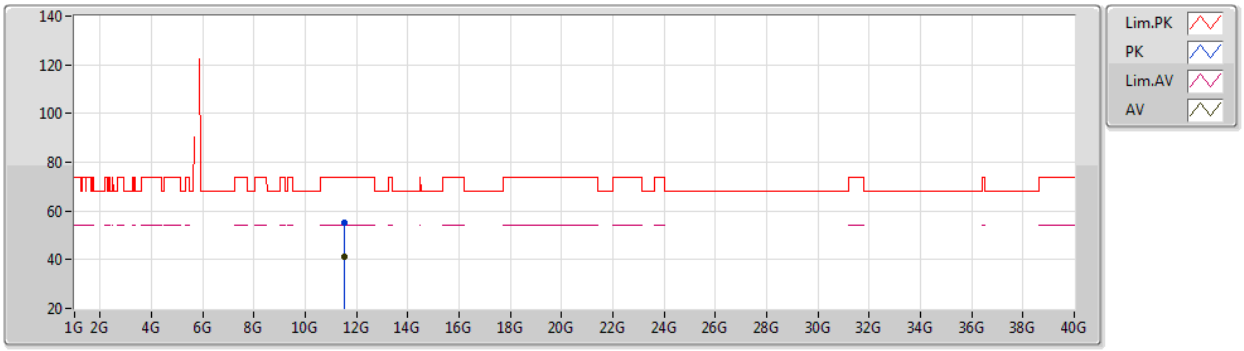
EUT Y_3TX
Setting 92
06-E-S-5-10
ANT WY0331
DUT R110#11

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	67.02	68.20	-1.18	61.41	3	Vertical	0	1.75	-	31.64	5.84	31.87
PK	5.79G	115.57	Inf	-Inf	109.46	3	Vertical	0	1.75	-	32.06	5.99	31.94
AV	5.782G	102.80	Inf	-Inf	96.72	3	Vertical	0	1.75	-	32.03	5.98	31.93
PK	5.928G	67.98	68.20	-0.22	61.63	3	Vertical	0	1.75	-	32.40	5.94	31.99

802.11ax HEW80-BF_Nss2,(MCS0)_3TX

5775MHz_TX

08/04/2020



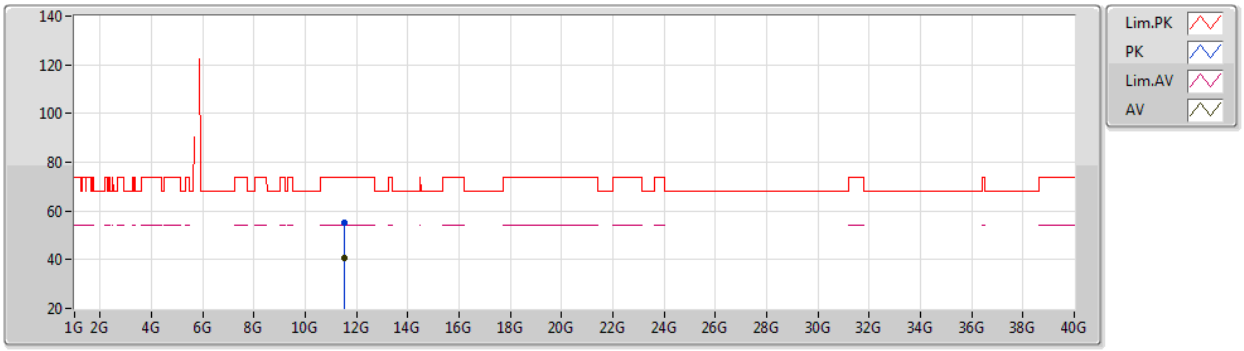
EUT Y_3TX
Setting 92
02-B-J-7
ANT WY0331
DUT R110#11

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	11.54682G	55.30	74.00	-18.70	39.11	3	Vertical	41	1.98	-	38.94	8.87	31.62
AV	11.5461G	40.95	54.00	-13.05	24.76	3	Vertical	41	1.98	-	38.94	8.87	31.62

802.11ax HEW80-BF_Nss2,(MCS0)_3TX

5775MHz_TX

08/04/2020



EUT Y_3TX
Setting 92
02-B-J-7
ANT WY0331
DUT R110#11

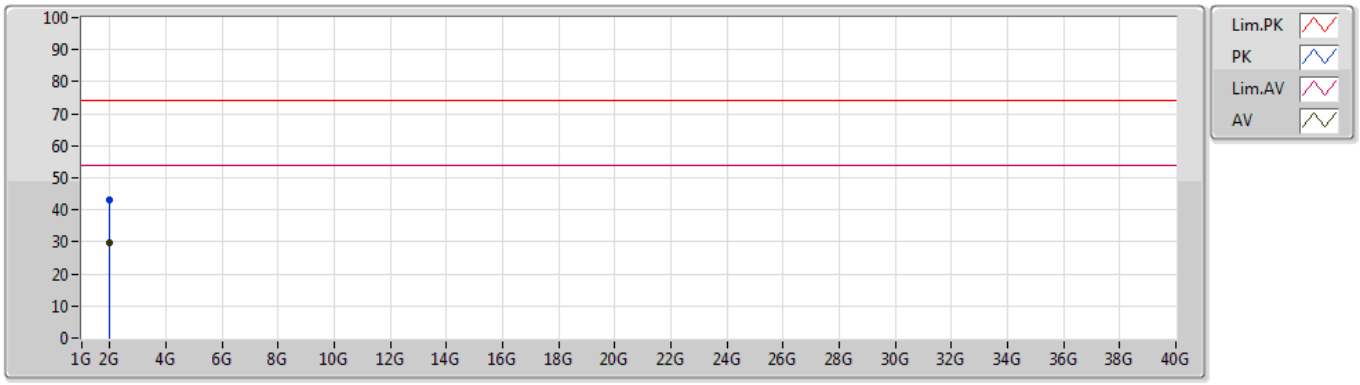
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.54778G	54.99	74.00	-19.01	38.80	3	Horizontal	296	1.42	-	38.94	8.87	31.62
AV	11.54802G	40.73	54.00	-13.27	24.54	3	Horizontal	296	1.42	-	38.94	8.87	31.62

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	2.076G	29.70	54.00	-24.30	Horizontal

Mode 1

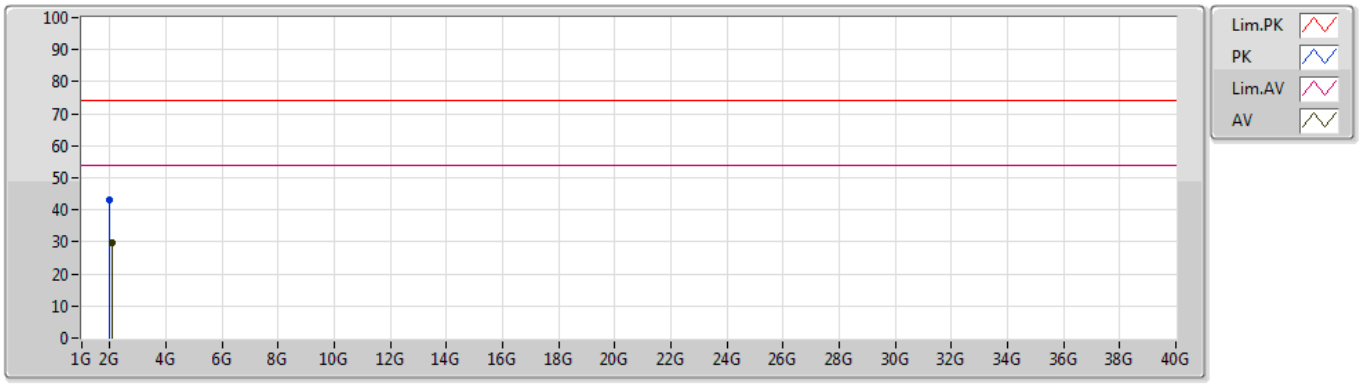
23/07/2020



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	2.00078G	43.06	74.00	-30.94	-0.74	3	Vertical	335	1.01	-	43.80	27.80	4.00	32.54
AV	2.00012G	29.64	54.00	-24.36	-0.74	3	Vertical	335	1.01	"Worst"	30.38	27.80	4.00	32.54

Mode 1

23/07/2020



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	2.0081G	43.24	74.00	-30.76	-0.73	3	Horizontal	113	1.52	-	43.97	27.81	4.00	32.54
AV	2.076G	29.70	54.00	-24.30	-0.57	3	Horizontal	113	1.52	"Worst"	30.27	27.88	4.04	32.49