



FCC RADIO TEST REPORT

FCC ID : TOR-C200
Equipment : 802.11 a/n/ac/ax + b/g/n/ax Access Point
Brand Name : ARISTA
Model Name : C-200
Applicant : Arista Networks, Inc.
5453 Great America Parkway Santa Clara, CA
95054 United States
Manufacturer : Arista Networks, Inc.
5453 Great America Parkway Santa Clara, CA
95054 United States
Standard : 47 CFR FCC Part 15.407

The product was received on Oct. 06, 2020, and testing was started from Oct. 07, 2020 and completed on Oct. 30, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_1 Ver1.2



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: Cindy Peng



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), 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	2TX
5.15-5.25GHz	802.11n HT20	20	2TX
5.15-5.25GHz	802.11n HT20-BF	20	2TX
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11ac VHT20-BF	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11ax HEW20-BF	20	2TX
5.15-5.25GHz	802.11n HT40	40	2TX
5.15-5.25GHz	802.11n HT40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.15-5.25GHz	802.11ac VHT40-BF	40	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ax HEW40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.15-5.25GHz	802.11ac VHT80-BF	80	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX
5.15-5.25GHz	802.11ax HEW80-BF	80	2TX
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11n HT20-BF	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ac VHT20-BF	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20-BF	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11n HT40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT40-BF	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ac VHT80-BF	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80-BF	80	2TX

Note:

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Type	Connector	Antenna Gain (dBi)		Correlated Composite Gain (dBi)	
						2.4GHz		2.4GHz	
1	1	WNC	C200	PIFA	I-PEX	2.74		3.27	
2	2	WNC	C200	Printed	N/A	2.89			
Ant.	Port	Brand	Model Name	Type	Connector	Antenna Gain (dBi)		Correlated Composite Gain (dBi)	
						5GHz Band 1	5GHz Band 4	5GHz Band 1	5GHz Band 4
3	1	WNC	C200	PIFA	I-PEX	3.45	3.45	4.24	4.75
4	2	WNC	C200	Printed	N/A	5.09	5.09		

Note1: The above information was declared by manufacturer.

Note2: The EUT has four antennas.

For 2.4GHz WLAN function, 802.11b/g/n/VHT/ax mode (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz WLAN function, 802.11a/n/ac/ax mode (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

For non-beamforming mode:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.942	0.26	1.434m	1k
802.11ax HEW20	0.949	0.23	5.446m	300
802.11ax HEW40	0.944	0.25	5.445m	300
802.11ax HEW80	0.962	0.17	5.448m	300

For beamforming mode:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF	0.979	0.09	1.759m	1k
802.11ax HEW40-BF	0.93	0.32	1.694m	1k
802.11ax HEW80-BF	0.93	0.32	1.95m	1k

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From power adapter or PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	For 802.11n/ax/VHT in 2.4GHz and 802.11n/ac/ax in 5GHz.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	For non-beamforming function: QRCT V4.0.00163.0			
	For beamforming function: telnet			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

There are two EUTs and the difference as below.

EUT	5G FEM	
	Brand Name	Model Name
1	Qorvo	QPF4568
2	Qorvo	QM45868

Note: The difference between them is the control voltage.

The above information was declared by manufacturer.



1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted for EUT 1	TH03-CB	Owen Hsu	23.2~23.9°C / 55~57%	Oct. 12, 2020
RF Conducted for EUT 2	TH03-CB	Owen Hsu	23.2~23.9°C / 55~57%	Oct. 30, 2020
Radiated Below 1GHz	03CH03-CB	Eason Chen	23.1~23.78°C / 54~56%	Oct. 07, 2020
Radiated Above 1GHz for EUT 1	03CH01-CB	JN Du	24.1~25.7°C / 54~58%	Oct. 07, 2020~Oct. 14, 2020
Radiated Above 1GHz for EUT 2	03CH01-CB	JN Du	22.5~23.7°C / 54~57%	Oct. 08, 2020
AC Conduction	CO01-CB	Wei Li	24~25°C / 59~62%	Oct. 12, 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	2.8 dB	Confidence levels of 95%
Output Power Measurement	1.4 dB	Confidence levels of 95%
Power Density Measurement	2.8 dB	Confidence levels of 95%
Bandwidth Measurement	0.39%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For non-beamforming mode:

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	20.5
5200MHz	22
5240MHz	21.5
5745MHz	24
5785MHz	24
5825MHz	24
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	20.5
5200MHz	22
5240MHz	22
5745MHz	23
5785MHz	24
5825MHz	24
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	19
5230MHz	21
5755MHz	22.5
5795MHz	24
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	19.5
5775MHz	21.5



For beamforming mode:

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	23
5200MHz	24
5240MHz	24
5720MHz Straddle 5.725-5.85GHz	
5745MHz	24
5785MHz	24
5825MHz	24
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	22
5230MHz	23
5710MHz Straddle 5.725-5.85GHz	
5755MHz	24
5795MHz	24
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	22
5690MHz Straddle 5.725-5.85GHz	
5775MHz	24

Note:

- ♦ There are two modes of EUT for 802.11n/ax/VHT in 2.4GHz and 802.11n/ac/ax in 5GHz. One is beamforming mode, and the other is non-beamforming mode. Both modes have been tested and recorded in this test report.



2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
1	EUT 1 + Adapter 1
2	EUT 1 + Adapter 2
3	EUT 1 + PoE
For operating mode 3 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
Operating Mode	
1	EUT 1
2	EUT 2 (Test 802.11ax HEW20, 5785 MHz only)



The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	EUT 1 in Z axis + Adapter 1
2	EUT 1 in Y axis + Adapter 1
Mode 1 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	EUT 1 in Z axis + Adapter 2
4	EUT 1 in Z axis + PoE
Mode 4 has been evaluated to be the worst case among Mode 1~4, thus measurement for Mode 5 will follow this same test mode.	
5	EUT 2 in Z axis + PoE
For operating mode 4 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at Y axis and Z axis position for Unwanted Emissions above 1GHz test, and the worst case was found at Z axis. So the measurement will follow this same test configuration.	
1	EUT 1 in Z axis
2	EUT 2 in Z axis (Test 802.11ax HEW20, 5785 MHz only)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT 1 - WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA000614 for Co-location RF Exposure Evaluation.	

Note1: The console port can not be used by end user. It is generally used for setting EUT by professional installer.

Note2: The adapter and PoE are for measurement only, would not be marketed.

Equipment	Brand Name	Model Name	FCC ID
Adapter 1	APD	WB-24J12R	N/A
Adapter 2	APD	WA-24Q12R	N/A
PoE	PHIHONG	POEA33U-1ATE	N/A



2.3 EUT Operation during Test

For CTX Mode:

For non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

For beamforming 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 DOS [ver 6.1.7601].
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by WLAN AP and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories	
No.	Equipment Name
1	Wall-mounted rack*1



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN NB	DELL	E6430	N/A
B	2.4G NB	DELL	E6430	N/A
C	5G NB	DELL	E6430	N/A
D	PoE	PHIHONG	POEA33U-1ATE	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	PHIHONG	POEA33U-1ATE	N/A
B	LAN NB	DELL	E4300	N/A
C	2.4G NB	DELL	E4300	N/A
D	5G NB	DELL	E4300	N/A

For Radiated (above 1GHz) and RF Conducted:

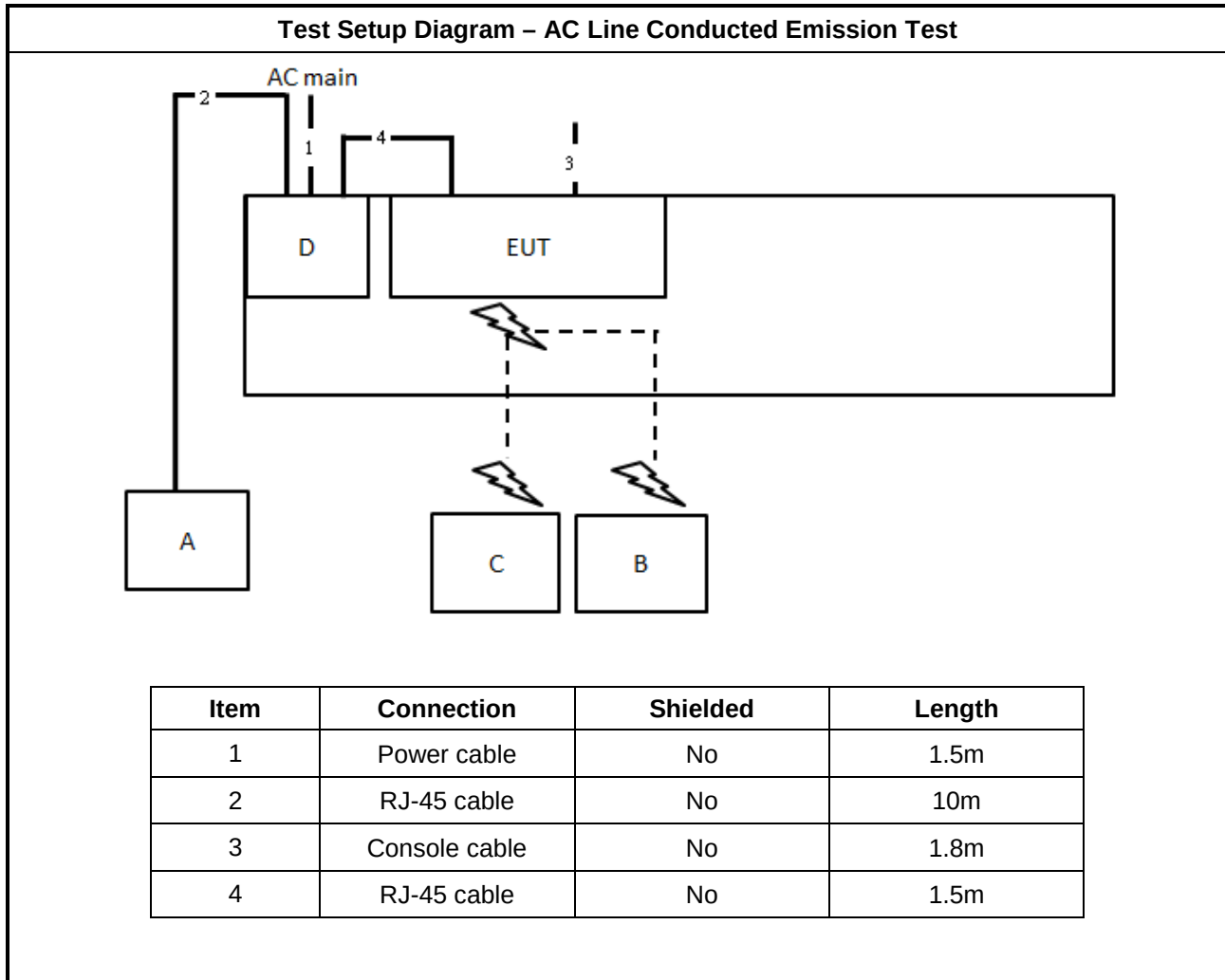
For non-beamforming mode:

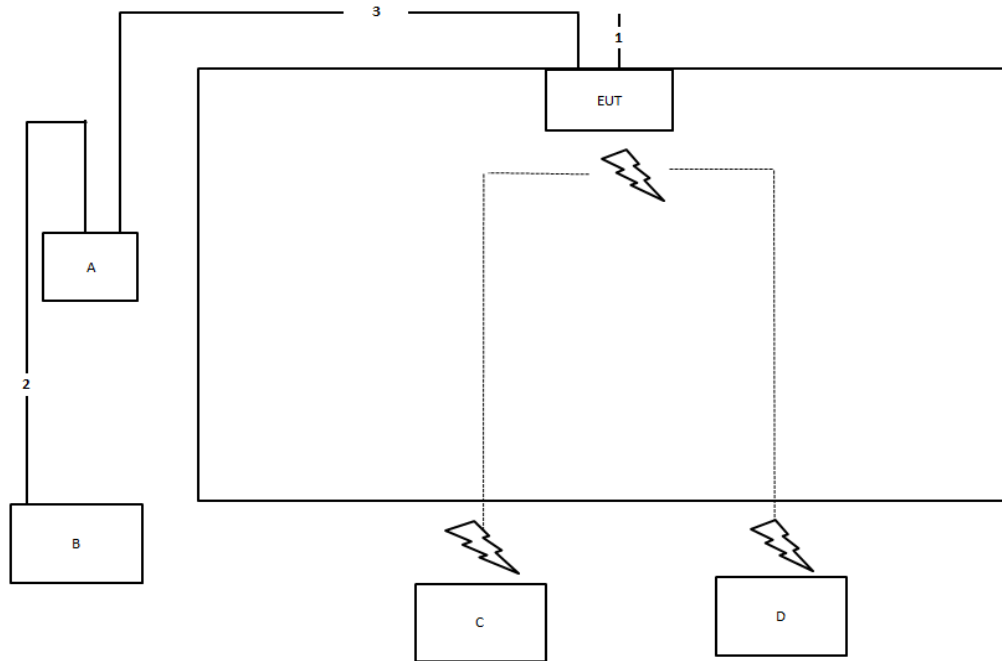
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
D	AC Adapter	APD	WA-24Q12R	N/A

For beamforming mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	WLAN AP	ARISTA	C200	TOR-C200
D	AC Adapter	APD	WA-24Q12R	N/A

2.6 Test Setup Diagram

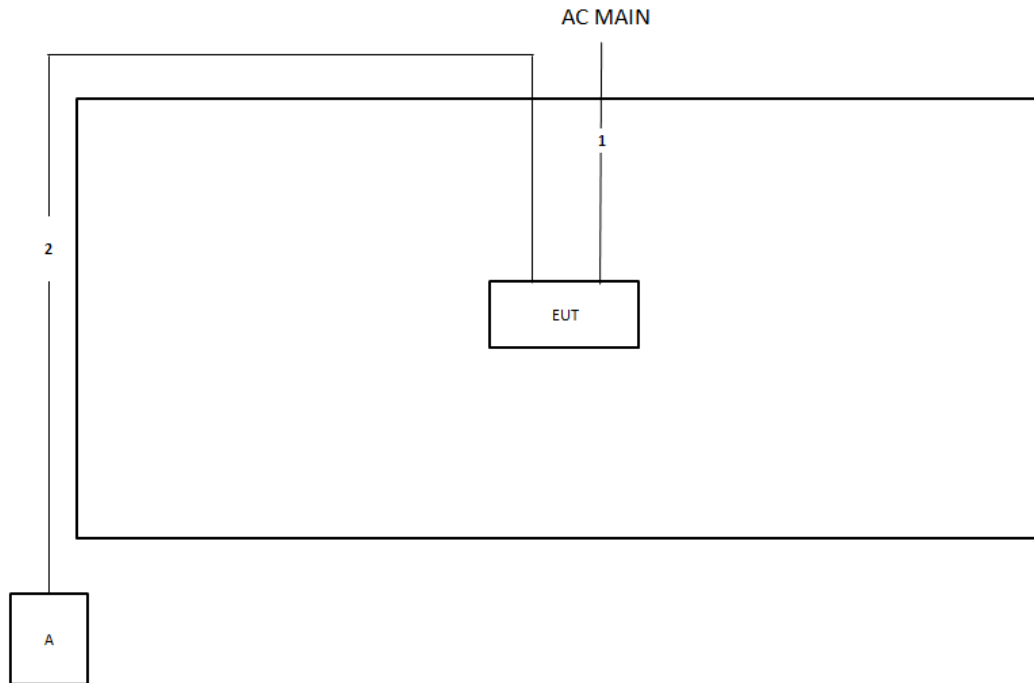


Test Setup Diagram - Radiated Test < 1GHz


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

Test Setup Diagram - Radiated Test > 1GHz

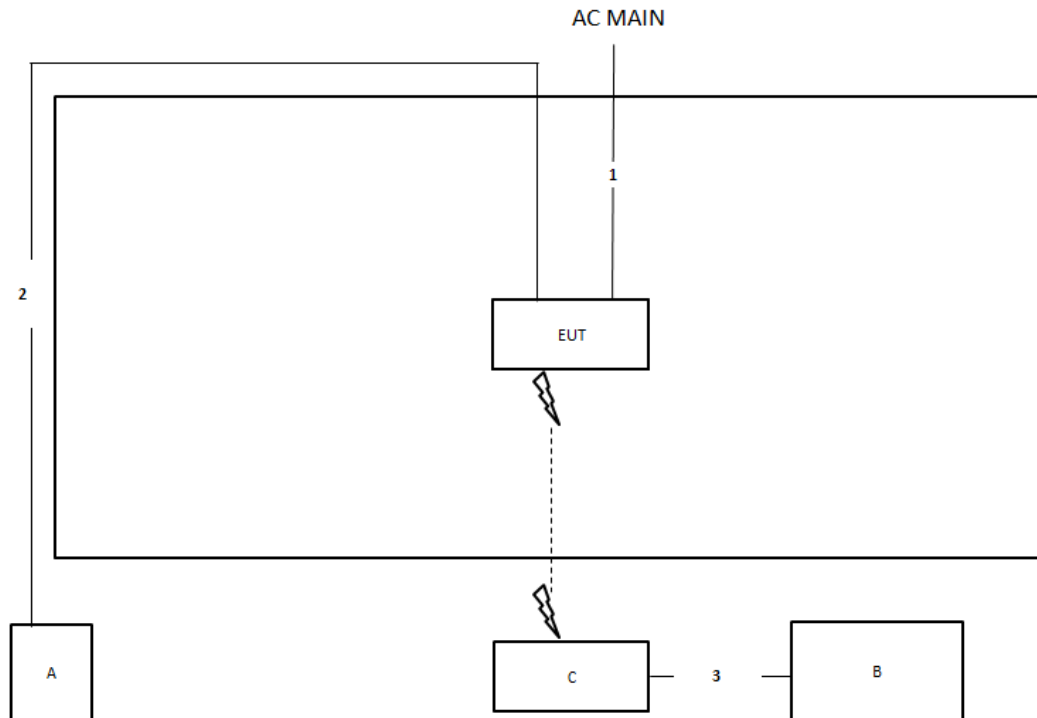
For non-beamforming mode:



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

Test Setup Diagram - Radiated Test > 1GHz

For beamforming mode:



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



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

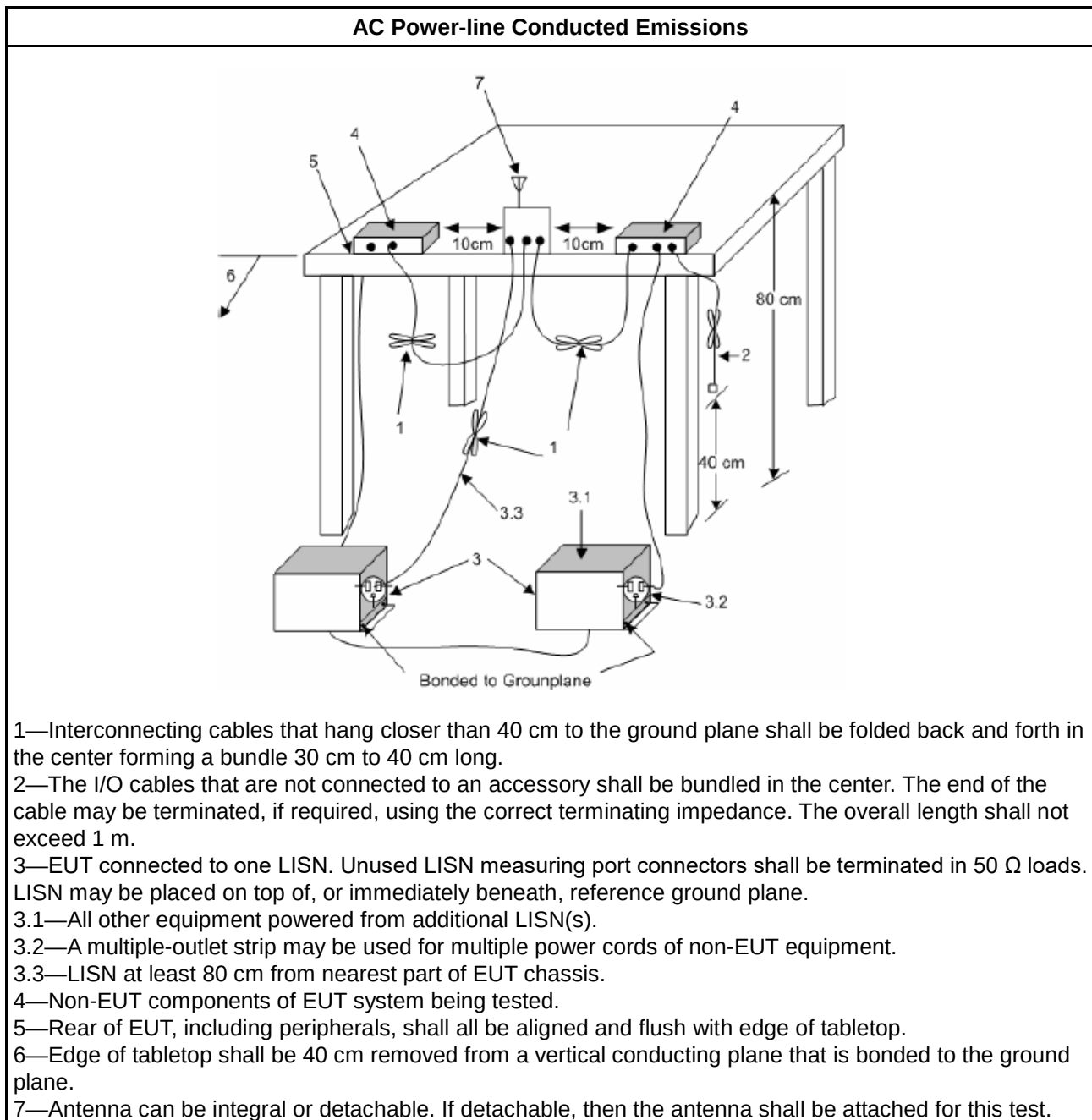
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- Margin = -Limit + Level

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 $11 \text{ dBm} + 10 \log B$, 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 $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq 500\text{kHz}$.
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 $\geq 500\text{kHz}$.

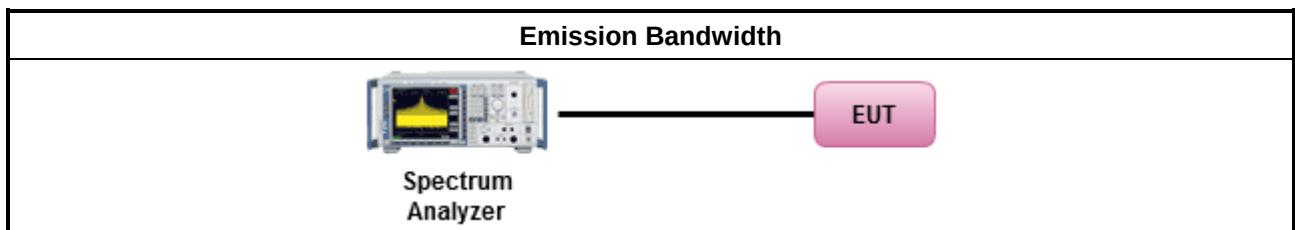
3.2.2 Measuring Instruments

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



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.	

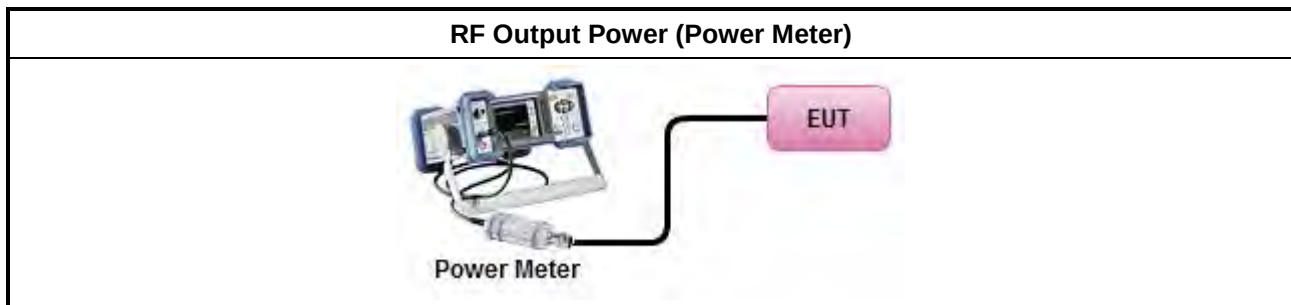
3.3.2 Measuring Instruments

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: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup



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 $0^\circ \leq \theta < 8^\circ$; -13 - 0.716 ($\theta$-8) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 (θ-40) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$
☐ 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 the 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

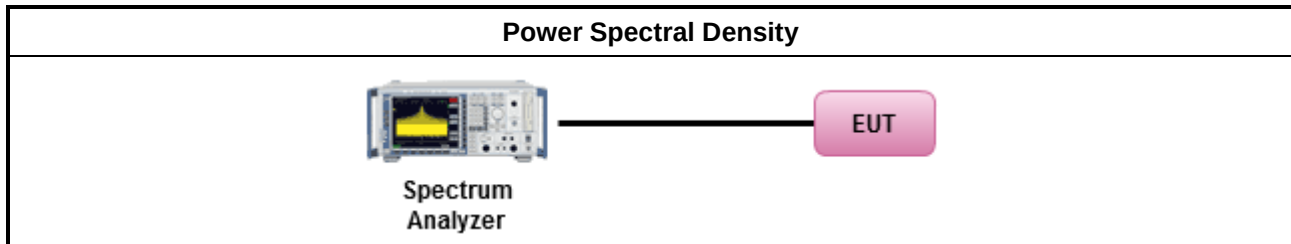
Refer a test equipment and calibration data table in this test report.



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, F5) 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: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.4.4 Test Setup



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).

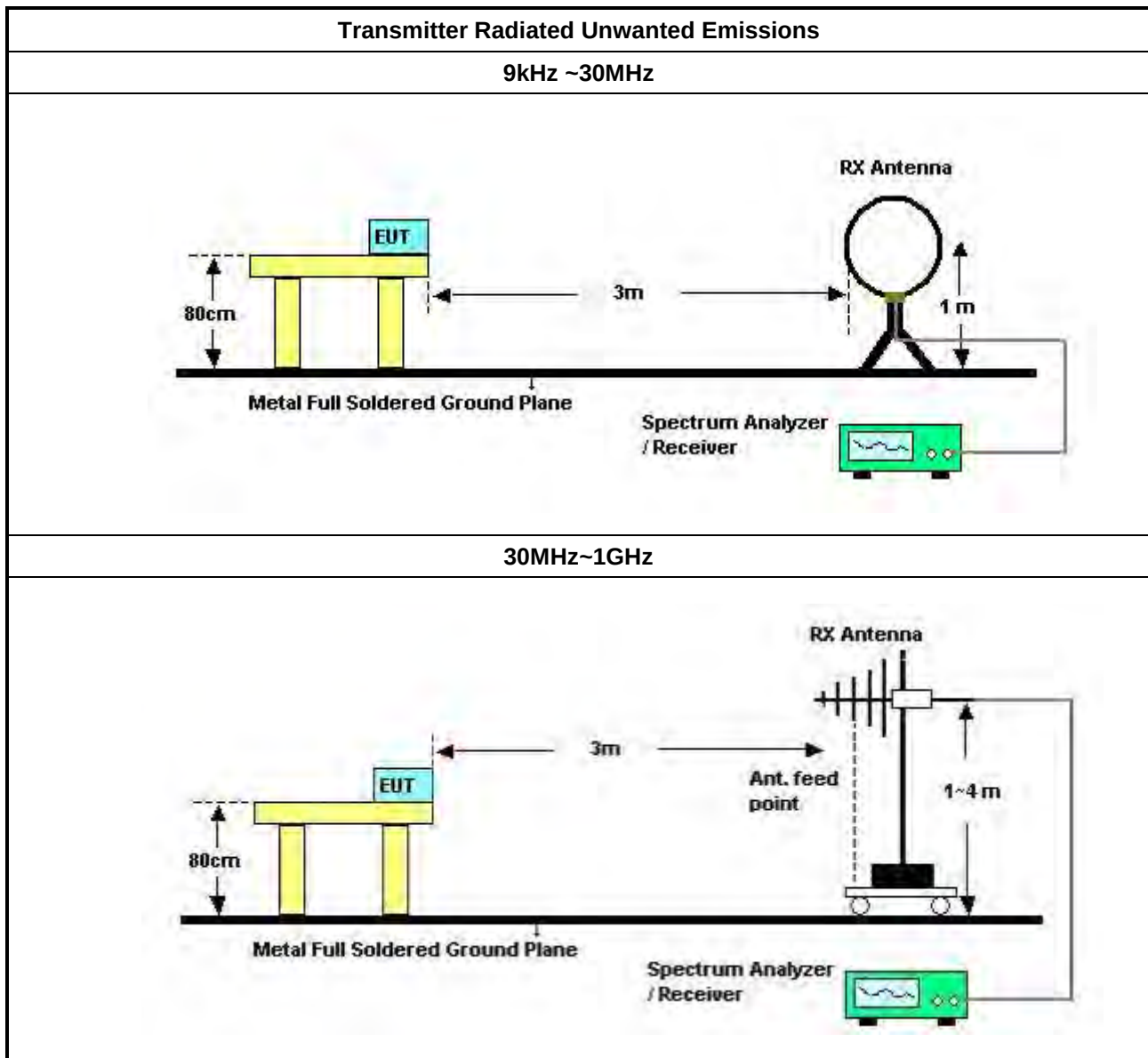
3.5.2 Measuring Instruments

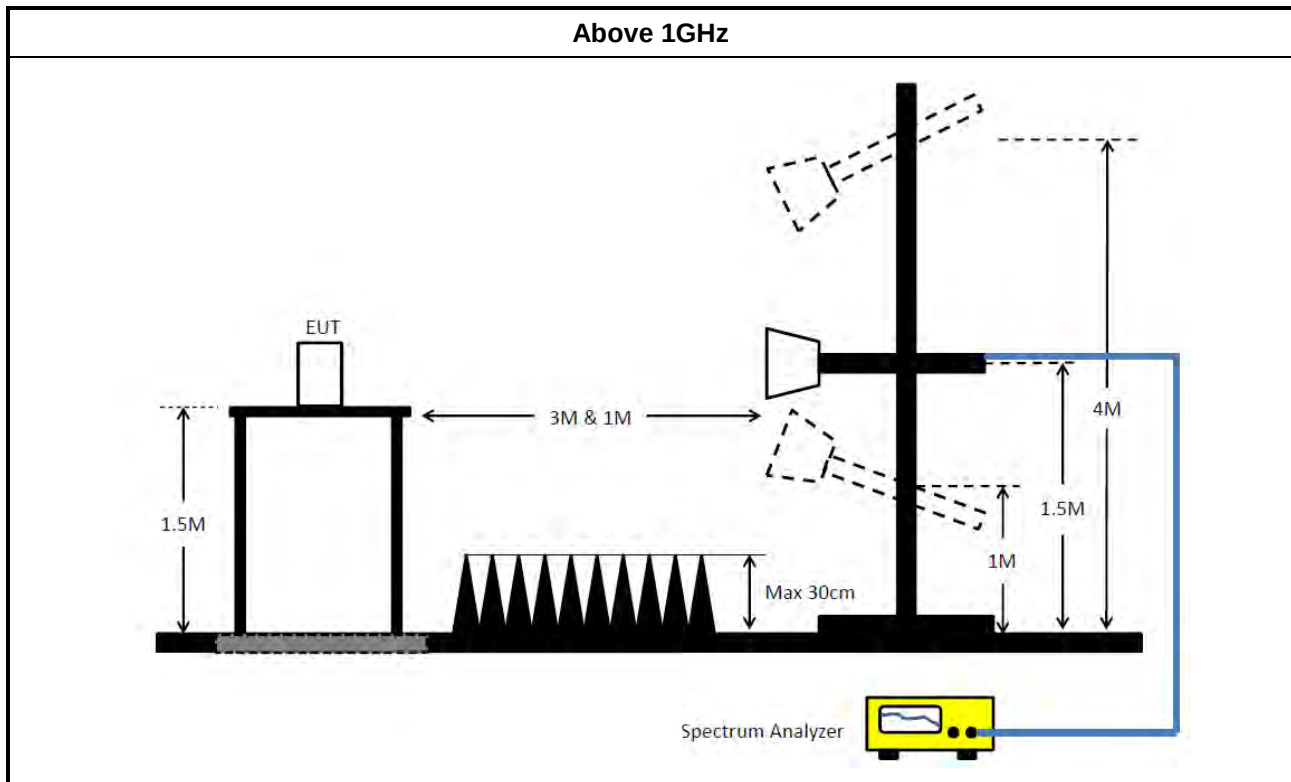
Refer a test equipment and calibration data table in this test report.

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 $\geq$ 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 $\geq$ 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





3.5.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(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 10th 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 ~ 8.4GHz	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	SPORTON	SENSE	V5.10	-	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 (03CH03-CB)
Bilog Antenna with 6 dB attenuator	Schaffner	CBL6112B & N-6-06	2928 & AT-N0607	20MHz ~ 2GHz	Feb. 28, 2020	Feb. 27, 2021	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 15, 2020	Jan. 14, 2021	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 09, 2020	Jun. 08, 2021	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Site V.S.W.R	TDK	SAC-3M	03CH01-CB	1GHz ~ 18GHz 3m	May 29, 2020	May 28, 2021	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 04, 2019	Nov. 03, 2020	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 08, 2020	Jan. 07, 2021	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Apr. 16, 2020	Apr. 15, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH01-CB)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Nov. 01, 2019	Oct. 31, 2020	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 17, 2020	Aug. 16, 2021	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 17, 2020	Aug. 16, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz – 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz – 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz – 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz – 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz – 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

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

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



AC Power-line Conducted Emissions Result

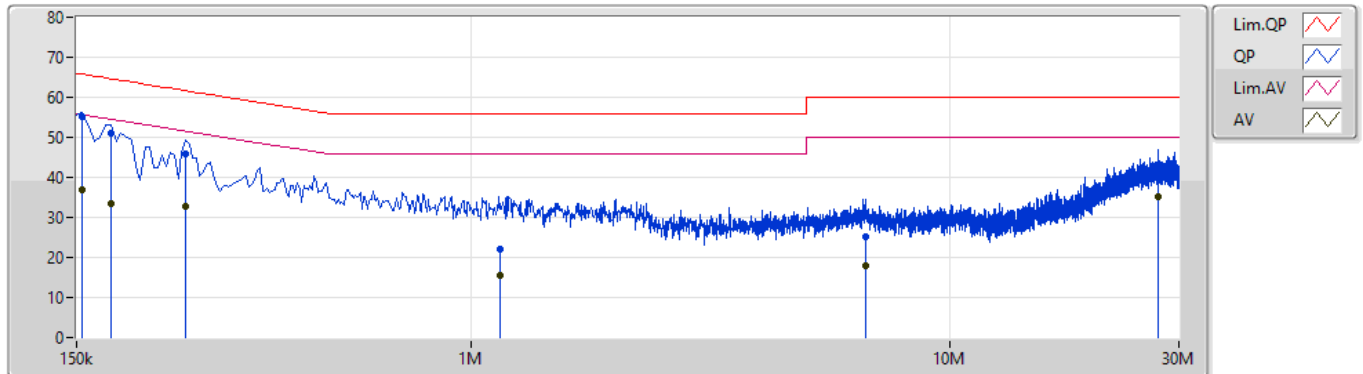
Appendix A

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	QP	154.5k	55.19	65.75	-10.56	Line

Mode 3

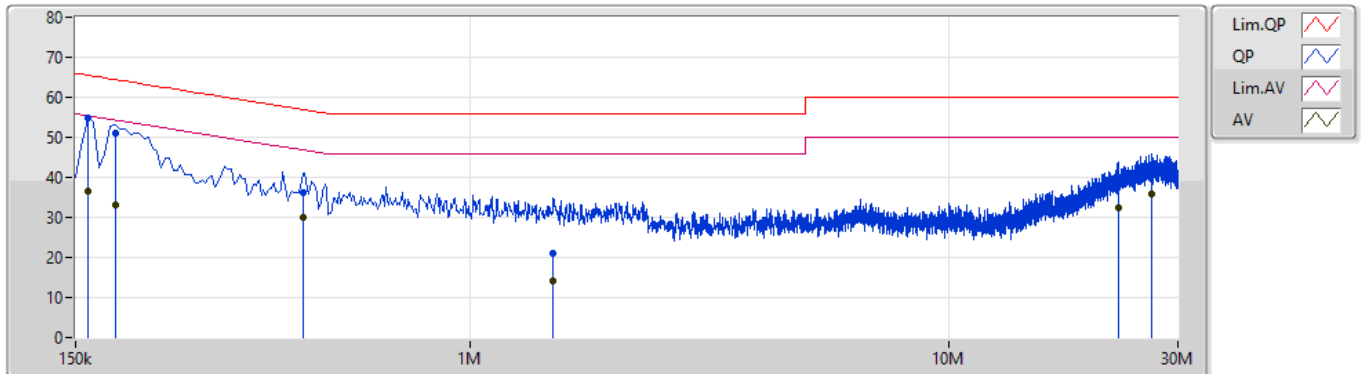
12/10/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	154.5k	55.19	65.75	-10.56	9.87	Line	"Worst"	45.32	0.05	0.03	9.79			
AV	154.5k	36.95	55.75	-18.80	9.87	Line	-	27.08	0.05	0.03	9.79			
QP	177k	50.90	64.62	-13.72	9.86	Line	-	41.04	0.04	0.03	9.79			
AV	177k	33.55	54.62	-21.07	9.86	Line	-	23.69	0.04	0.03	9.79			
QP	253.5k	45.70	61.64	-15.94	9.87	Line	-	35.83	0.04	0.03	9.80			
AV	253.5k	32.87	51.64	-18.77	9.87	Line	-	23.00	0.04	0.03	9.80			
QP	1.145M	21.96	56.00	-34.04	9.92	Line	-	12.04	0.05	0.05	9.82			
AV	1.145M	15.37	46.00	-30.63	9.92	Line	-	5.45	0.05	0.05	9.82			
QP	6.644M	25.04	60.00	-34.96	10.14	Line	-	14.90	0.13	0.14	9.87			
AV	6.644M	18.09	50.00	-31.91	10.14	Line	-	7.95	0.13	0.14	9.87			
QP	27.209M	41.47	60.00	-18.53	10.64	Line	-	30.83	0.29	0.32	10.03			
AV	27.209M	35.08	50.00	-14.92	10.64	Line	-	24.44	0.29	0.32	10.03			

Mode 3

12/10/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	159k	54.79	65.52	-10.73	9.86	Neutral	"Worst"	44.93	0.04	0.03	9.79			
AV	159k	36.61	55.52	-18.91	9.86	Neutral	-	26.75	0.04	0.03	9.79			
QP	181.5k	51.05	64.41	-13.36	9.86	Neutral	-	41.19	0.04	0.03	9.79			
AV	181.5k	33.16	54.41	-21.25	9.86	Neutral	-	23.30	0.04	0.03	9.79			
QP	447k	36.31	56.94	-20.63	9.88	Neutral	-	26.43	0.04	0.03	9.81			
AV	447k	29.88	46.94	-17.06	9.88	Neutral	-	20.00	0.04	0.03	9.81			
QP	1.491M	20.99	56.00	-35.01	9.96	Neutral	-	11.03	0.07	0.06	9.83			
AV	1.491M	14.24	46.00	-31.76	9.96	Neutral	-	4.28	0.07	0.06	9.83			
QP	22.529M	38.54	60.00	-21.46	10.59	Neutral	-	27.95	0.25	0.33	10.01			
AV	22.529M	32.42	50.00	-17.58	10.59	Neutral	-	21.83	0.25	0.33	10.01			
QP	26.439M	42.14	60.00	-17.86	10.64	Neutral	-	31.50	0.29	0.32	10.03			
AV	26.439M	35.71	50.00	-14.29	10.64	Neutral	-	25.07	0.29	0.32	10.03			

<EUT 1>

For non-beamforming mode:

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)_2TX	32.97M	18.351M	18M4D1D	20.16M	16.372M
802.11ax HEW20_Nss1,(MCS0)_2TX	37.14M	19.37M	19M4D1D	21.3M	18.921M
802.11ax HEW40_Nss1,(MCS0)_2TX	58.26M	38.201M	38M2D1D	40.86M	37.721M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.8M	77.241M	77M2D1D	82.32M	77.241M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.29M	38.951M	39M0D1D	15.63M	29.175M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.87M	40.45M	40M4D1D	17.67M	19.34M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.98M	74.843M	74M8D1D	37.62M	38.741M
802.11ax HEW80_Nss1,(MCS0)_2TX	77.64M	77.721M	77M7D1D	75.6M	77.481M

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

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth;

Result

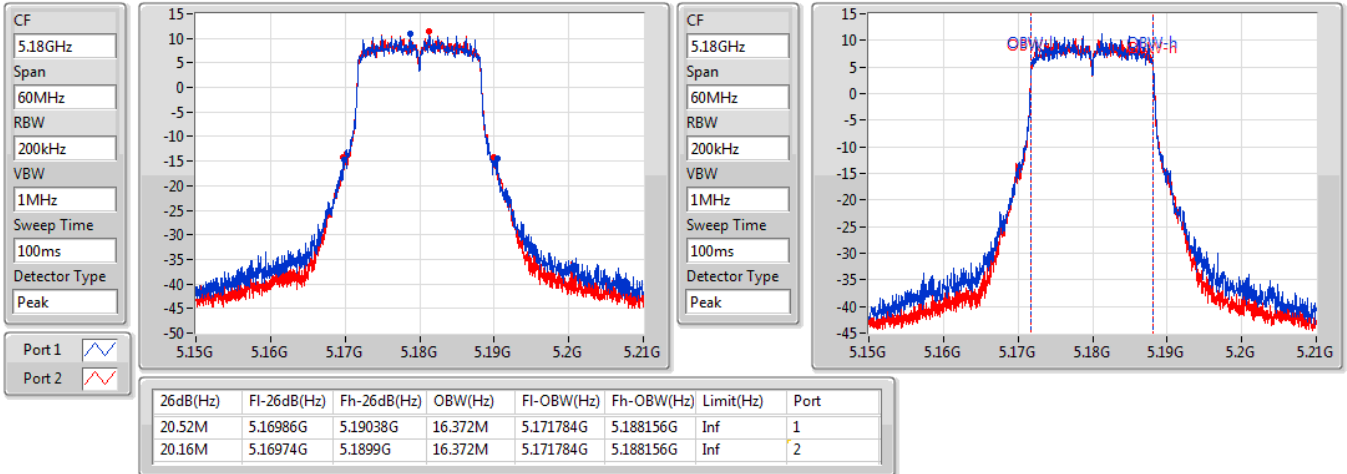
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.52M	16.372M	20.16M	16.372M
5200MHz	Pass	Inf	32.97M	18.351M	23.4M	16.612M
5240MHz	Pass	Inf	27.6M	16.852M	22.32M	16.492M
5745MHz	Pass	500k	15.63M	38.951M	16.29M	29.895M
5785MHz	Pass	500k	15.72M	37.601M	15.69M	31.034M
5825MHz	Pass	500k	16.29M	38.621M	16.26M	29.175M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.63M	18.921M	21.3M	18.921M
5200MHz	Pass	Inf	33M	19.34M	25.23M	19.01M
5240MHz	Pass	Inf	37.14M	19.37M	27.93M	19.04M
5745MHz	Pass	500k	17.67M	27.676M	18.27M	19.34M
5785MHz	Pass	500k	18.87M	39.28M	18.33M	31.034M
5825MHz	Pass	500k	18.81M	40.45M	18.48M	28.576M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.86M	37.721M	40.86M	37.781M
5230MHz	Pass	Inf	58.26M	38.201M	44.1M	37.841M
5755MHz	Pass	500k	37.98M	59.13M	37.74M	38.741M
5795MHz	Pass	500k	37.86M	74.843M	37.62M	61.229M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.8M	77.241M	82.32M	77.241M
5775MHz	Pass	500k	77.64M	77.721M	75.6M	77.481M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

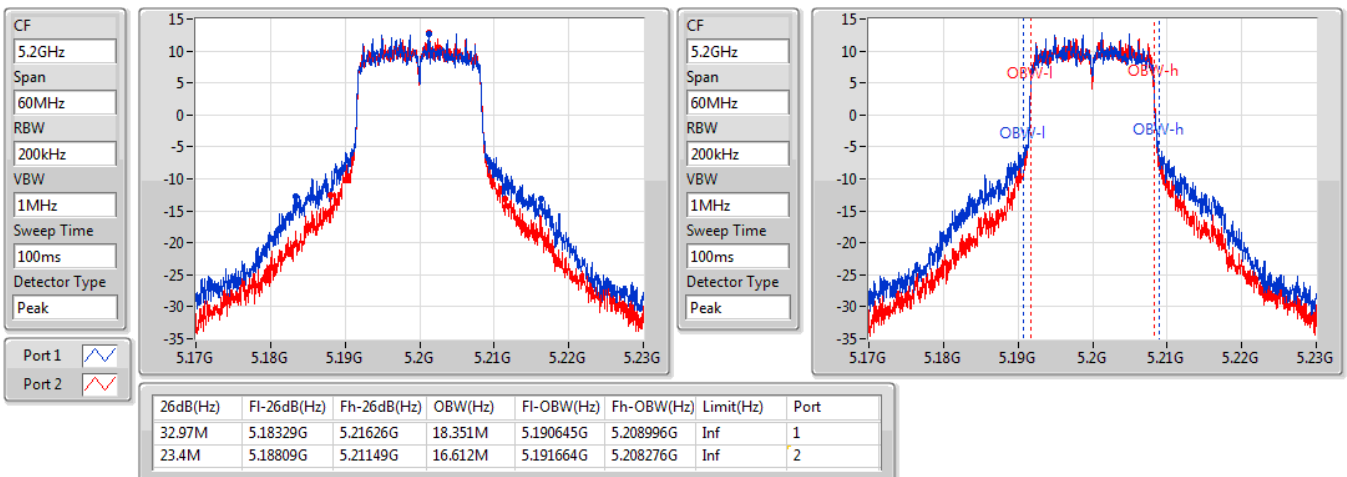
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

12/10/2020

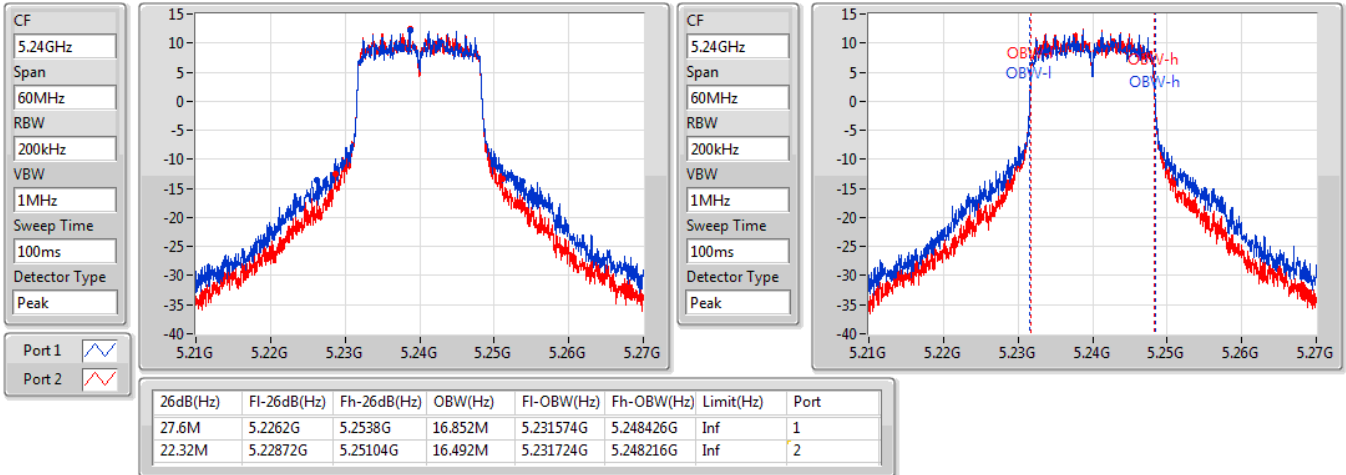

802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

12/10/2020

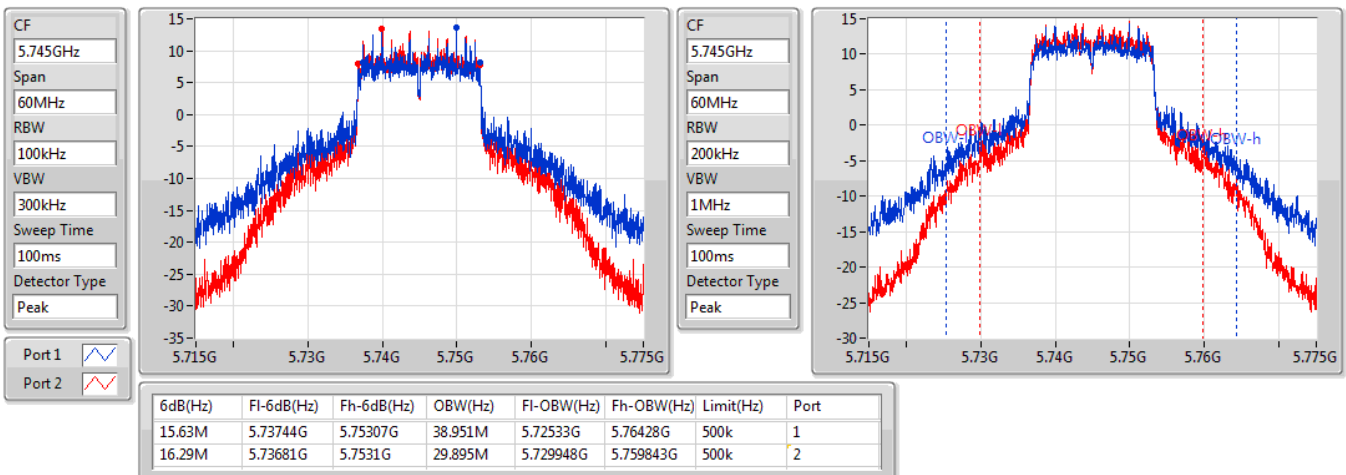


802.11a_Nss1,(6Mbps)_2TX
EBW
5240MHz

12/10/2020

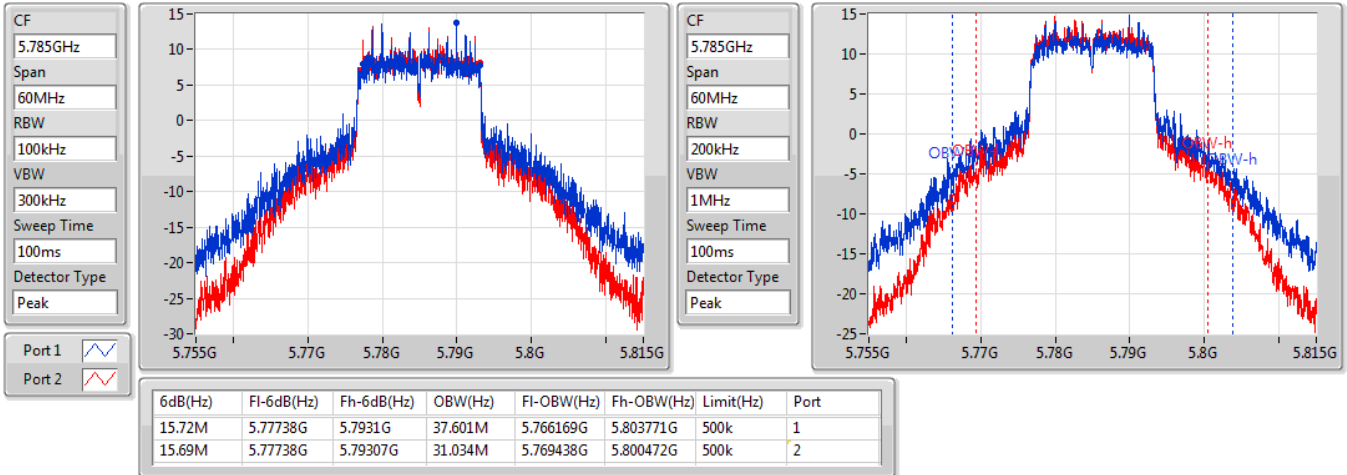

802.11a_Nss1,(6Mbps)_2TX
EBW
5745MHz

12/10/2020

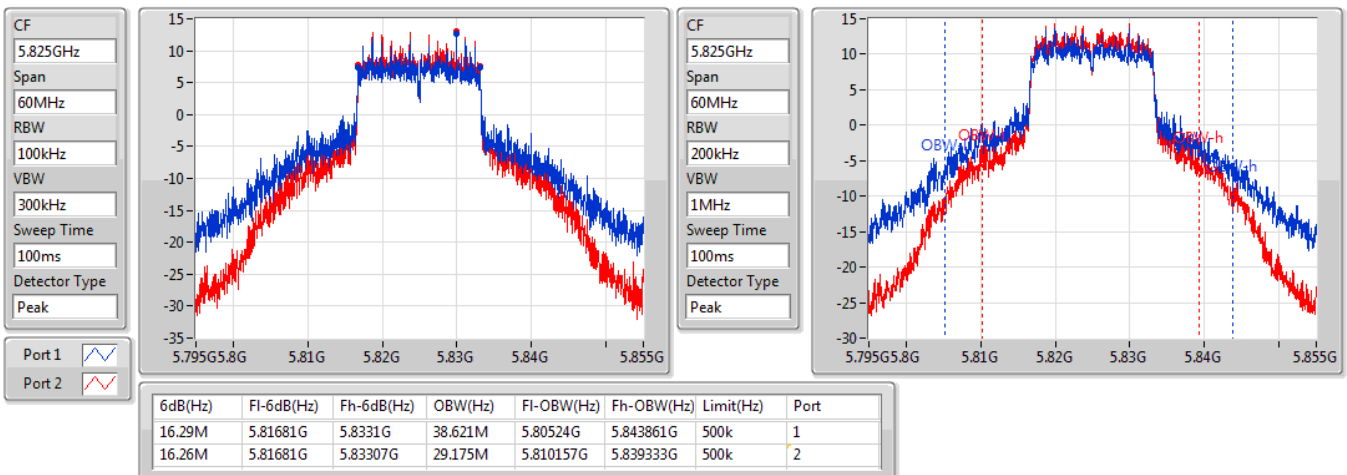


802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

12/10/2020

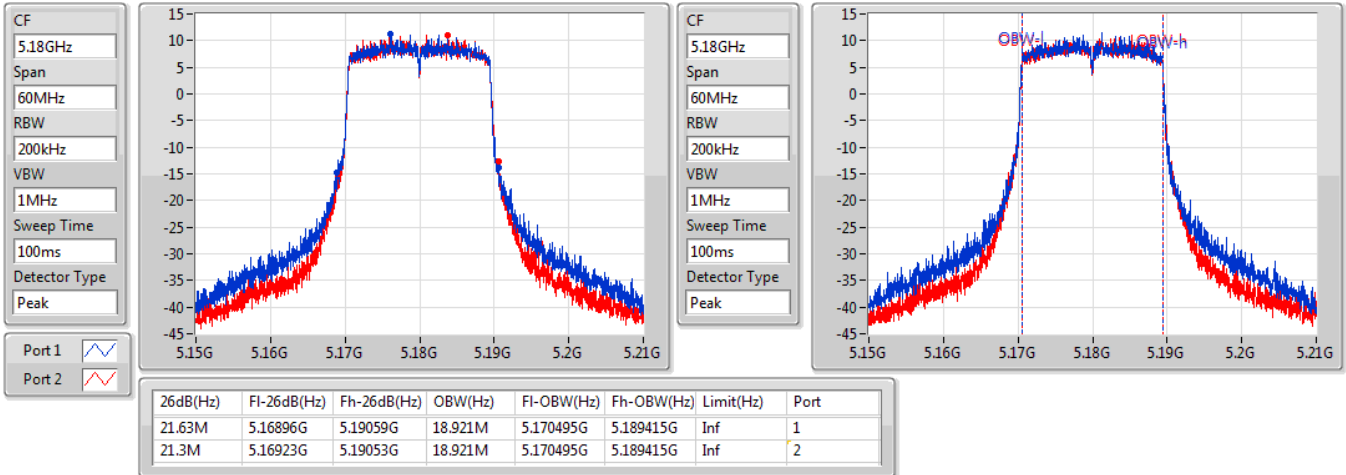

802.11a_Nss1,(6Mbps)_2TX
EBW
5825MHz

12/10/2020

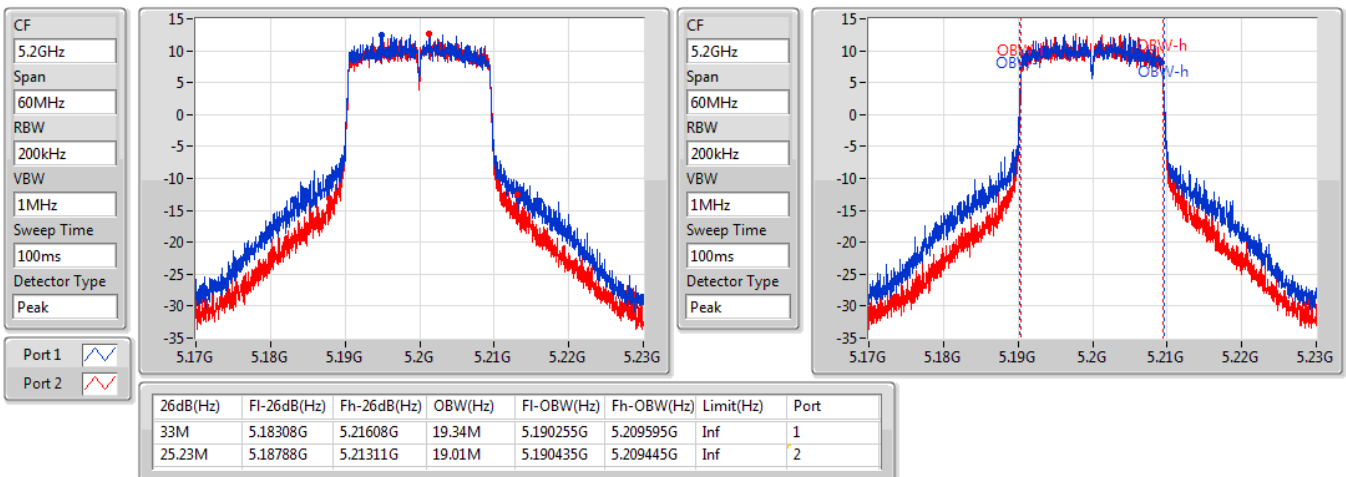


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5180MHz

12/10/2020

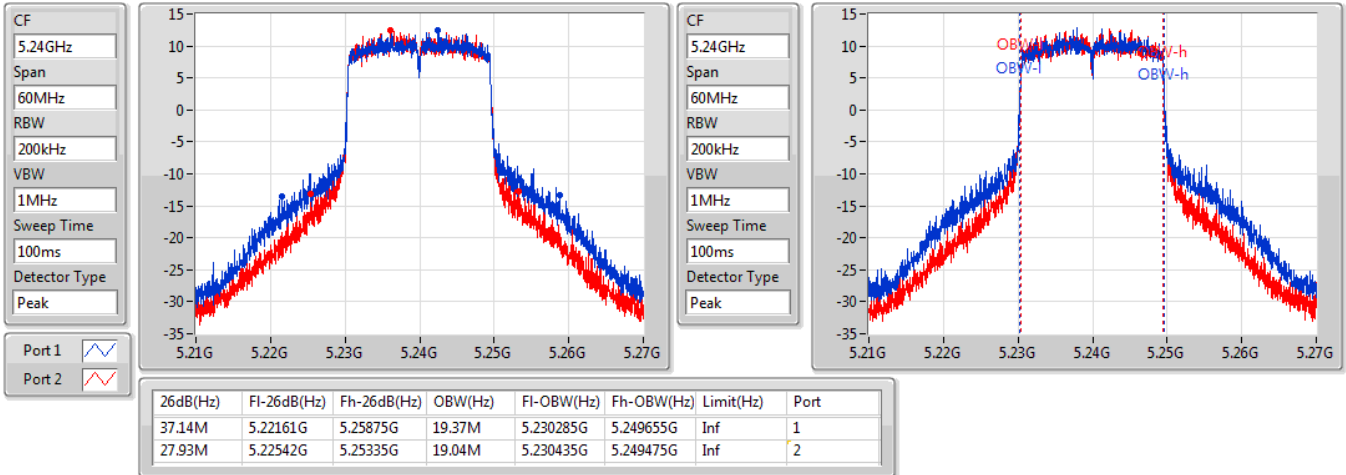

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5200MHz

12/10/2020

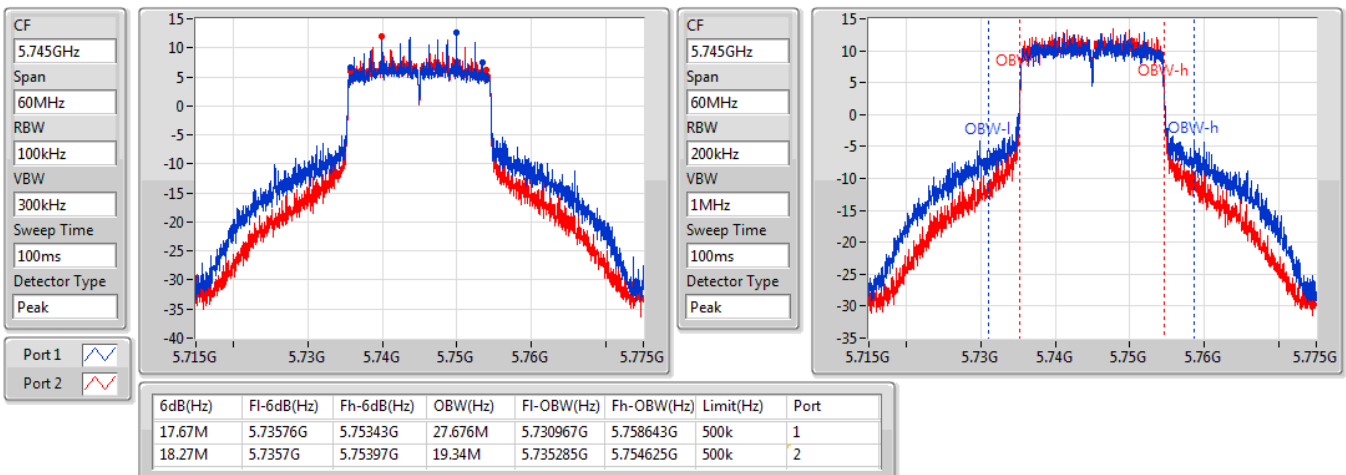


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5240MHz

12/10/2020

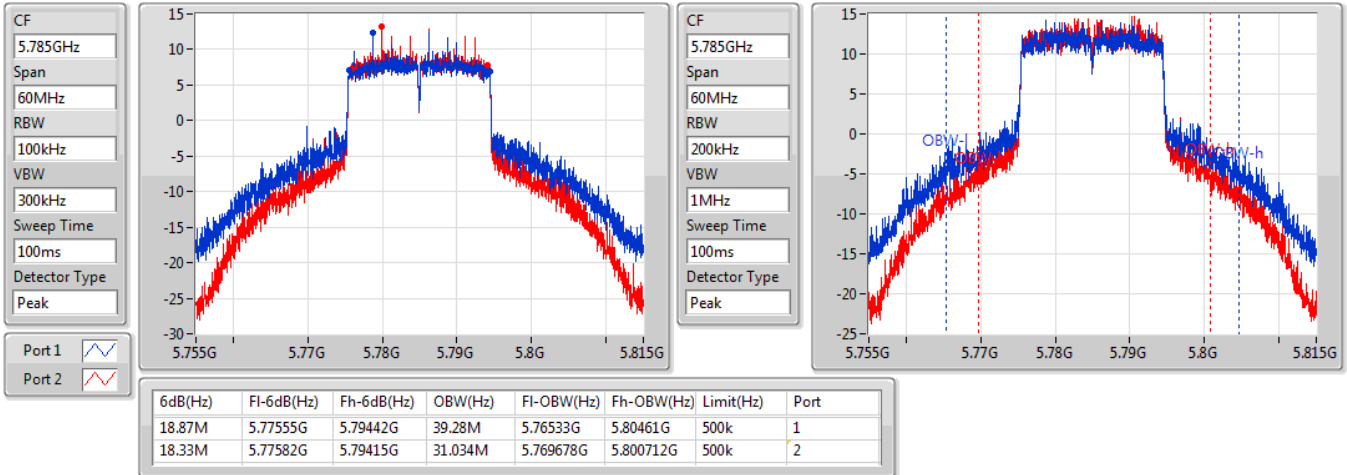

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5745MHz

12/10/2020

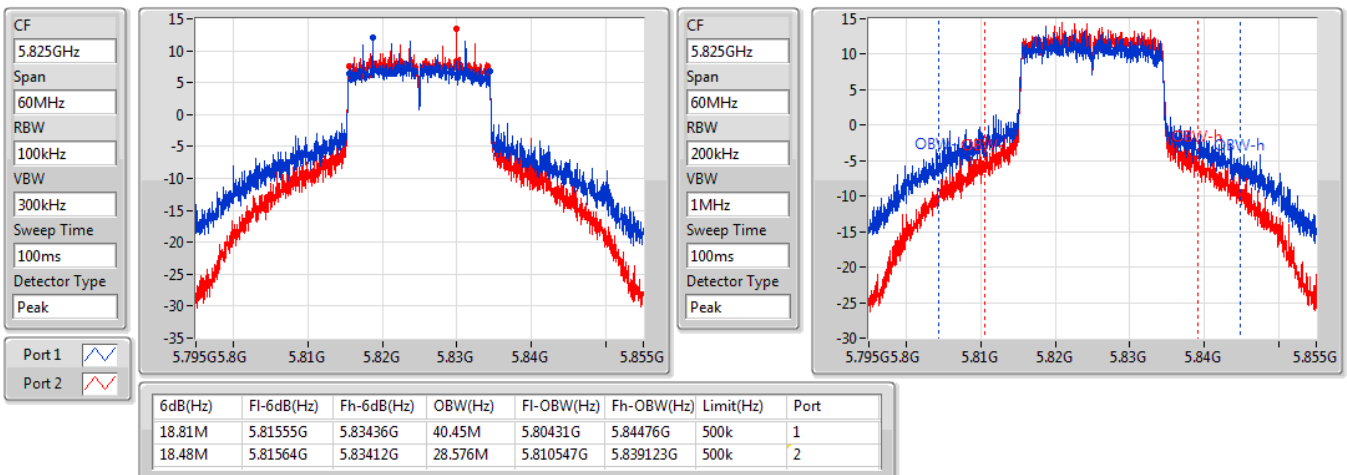


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5785MHz

12/10/2020

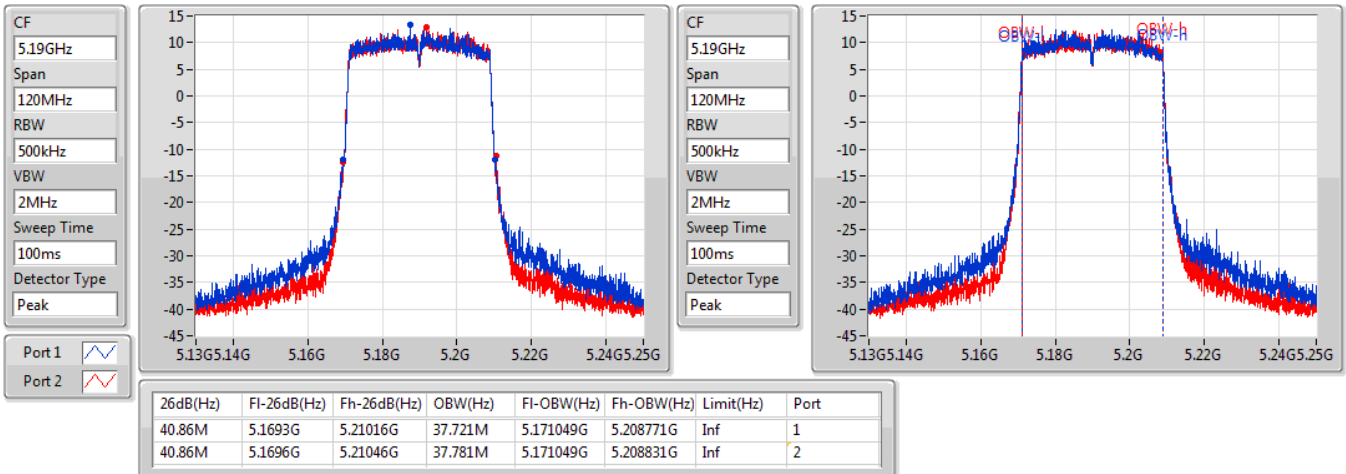

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5825MHz

12/10/2020

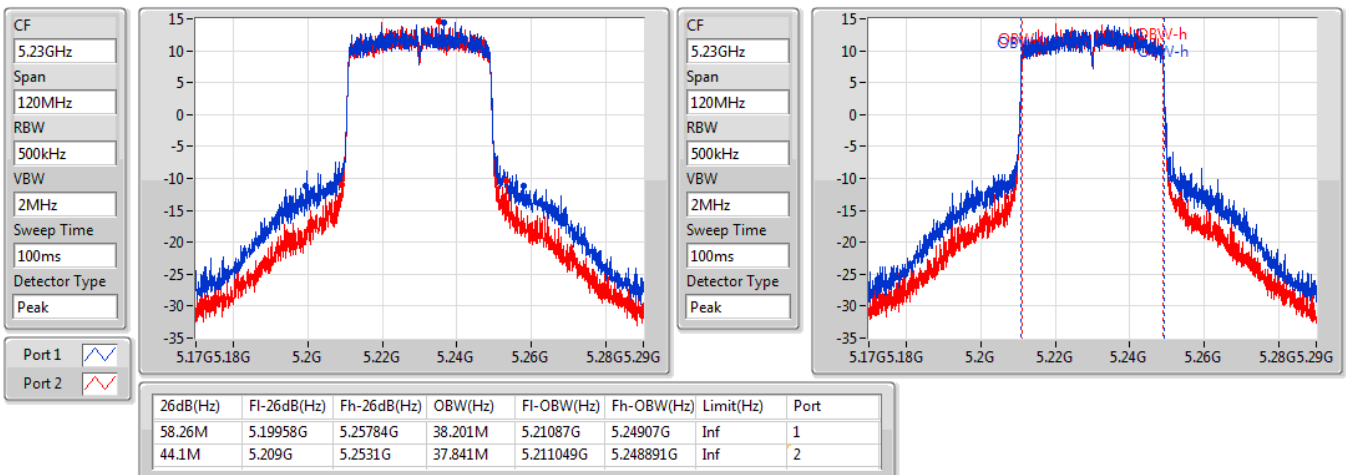


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5190MHz

12/10/2020

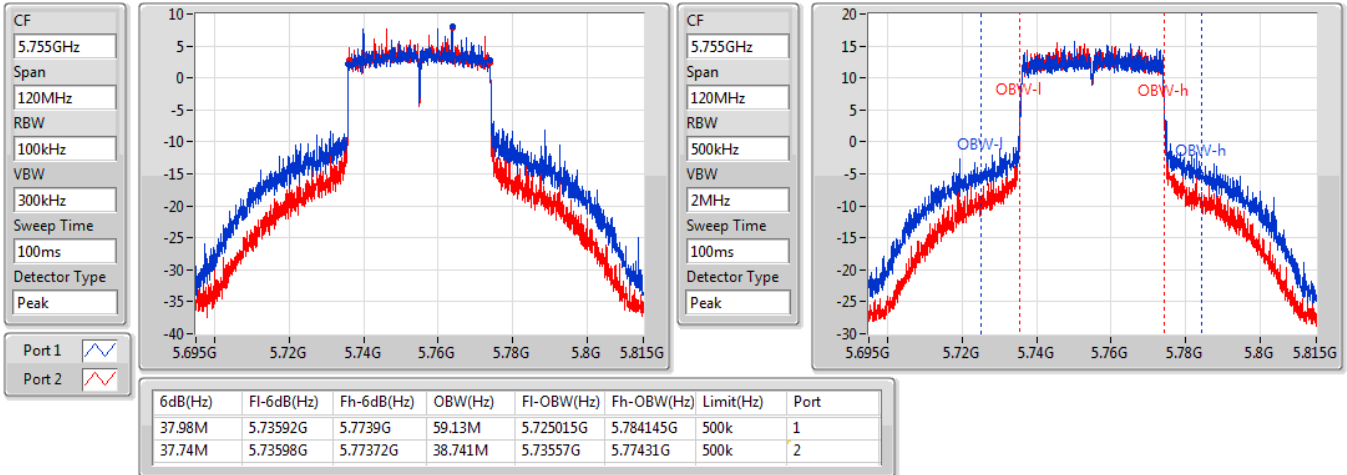

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5230MHz

12/10/2020

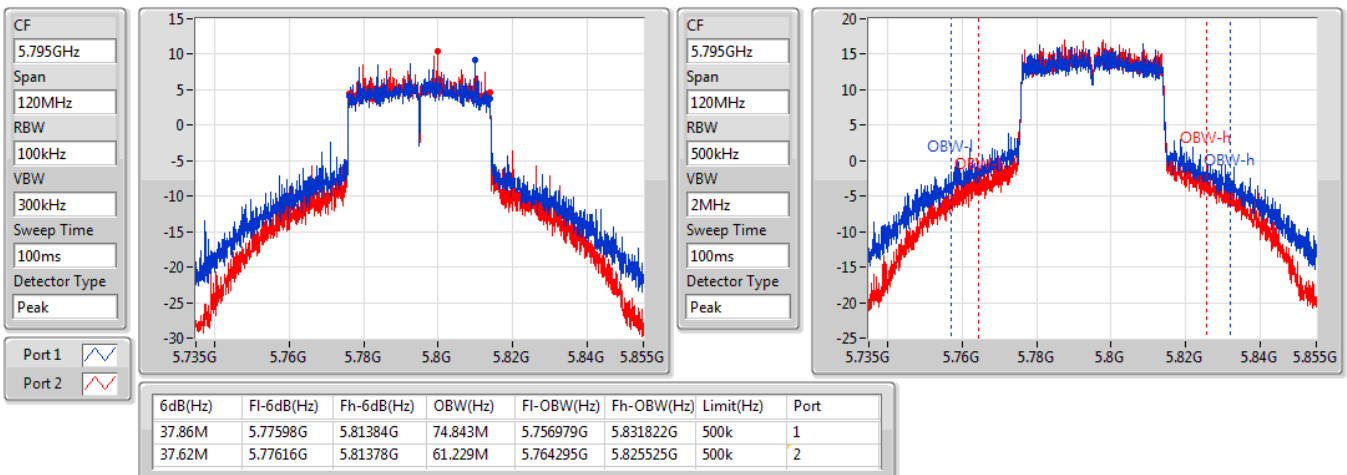


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5755MHz

12/10/2020

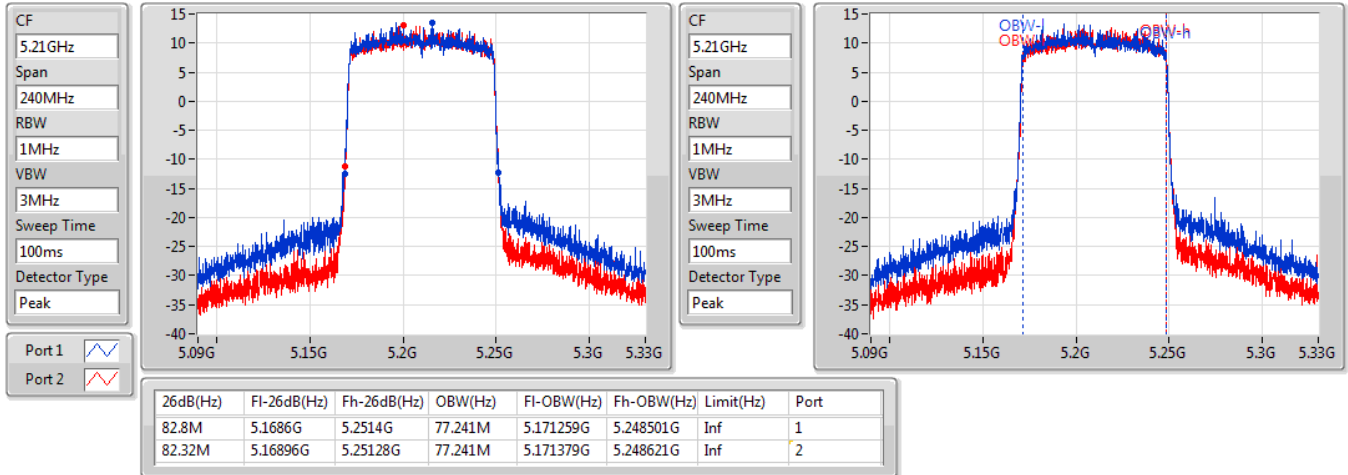

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5795MHz

12/10/2020

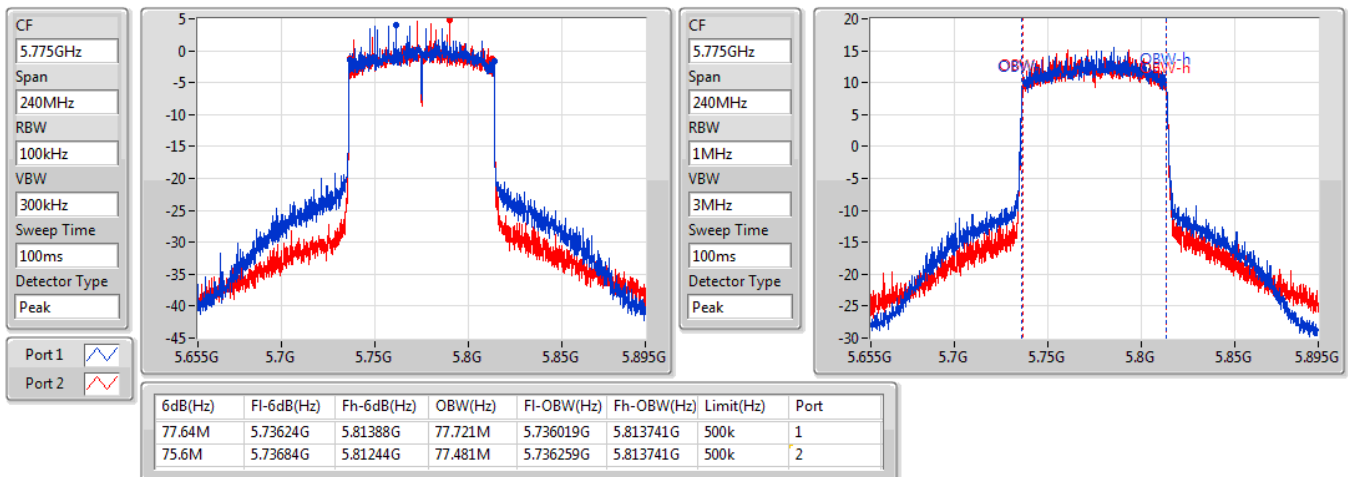


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5210MHz

12/10/2020


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5775MHz

12/10/2020



For beamforming mode:

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	22.26M	18.951M	19M0D1D	21.54M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	42.06M	37.781M	37M8D1D	40.02M	37.661M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.36M	77.121M	77M1D1D	81.12M	77.001M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.45M	18.951M	19M0D1D	17.55M	18.861M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.86M	37.841M	37M8D1D	35.04M	37.721M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	77.52M	77.481M	77M5D1D	75.12M	77.121M

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

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth;

Result

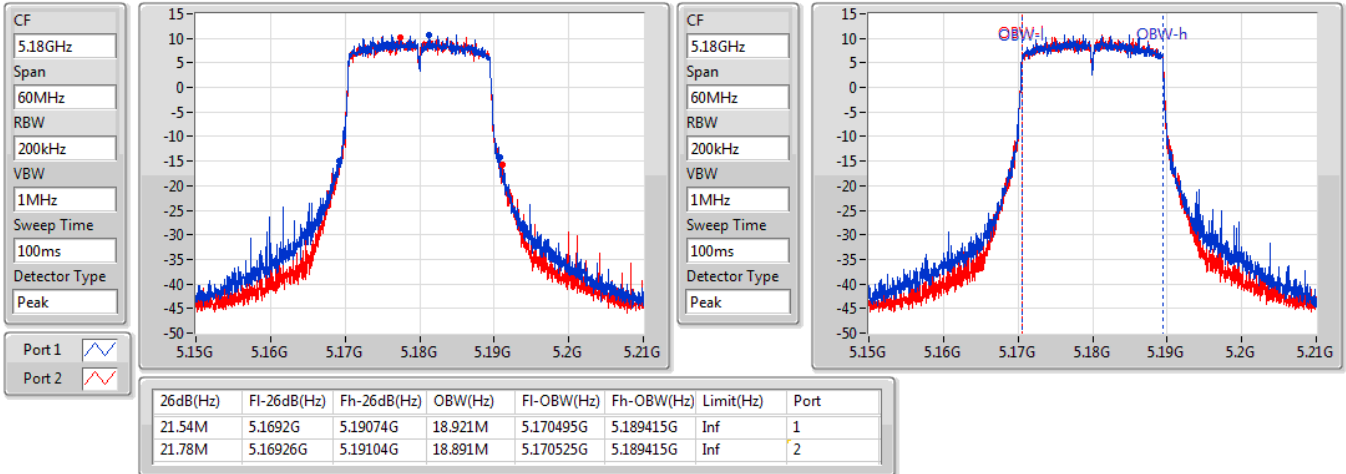
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.54M	18.921M	21.78M	18.891M
5200MHz	Pass	Inf	21.96M	18.951M	21.84M	18.921M
5240MHz	Pass	Inf	22.26M	18.921M	21.78M	18.921M
5745MHz	Pass	500k	18.12M	18.921M	18.45M	18.891M
5785MHz	Pass	500k	17.55M	18.921M	17.67M	18.861M
5825MHz	Pass	500k	18.18M	18.951M	17.64M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.02M	37.721M	41.1M	37.721M
5230MHz	Pass	Inf	42.06M	37.781M	41.46M	37.661M
5755MHz	Pass	500k	37.86M	37.841M	37.62M	37.781M
5795MHz	Pass	500k	35.04M	37.781M	37.02M	37.721M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.12M	77.121M	81.36M	77.001M
5775MHz	Pass	500k	75.12M	77.481M	77.52M	77.121M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

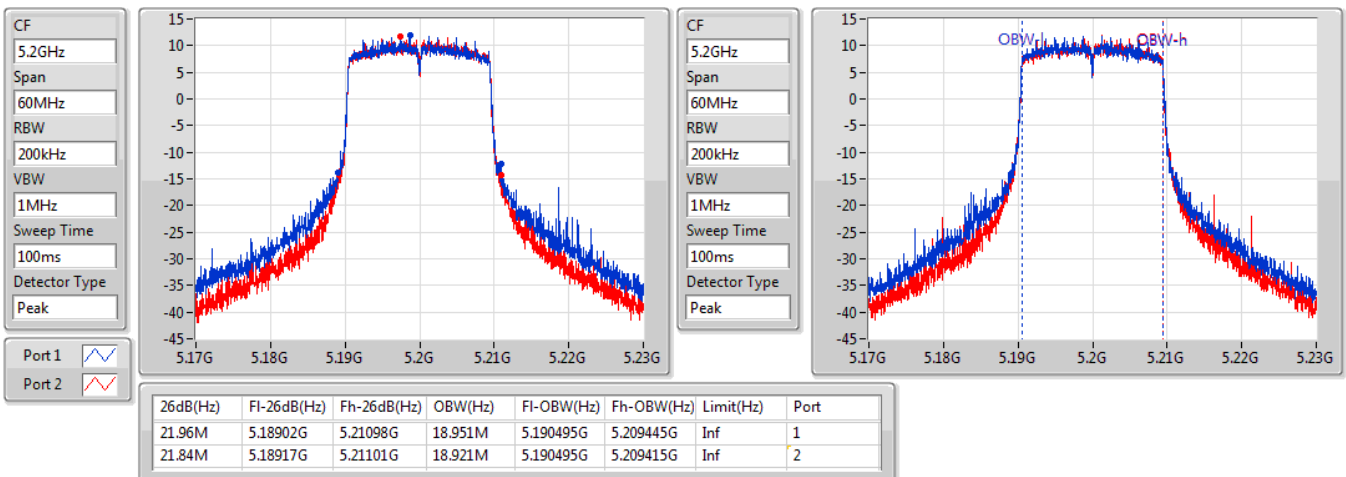
Port X-OBW = Port X 99% occupied bandwidth;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5180MHz

12/10/2020

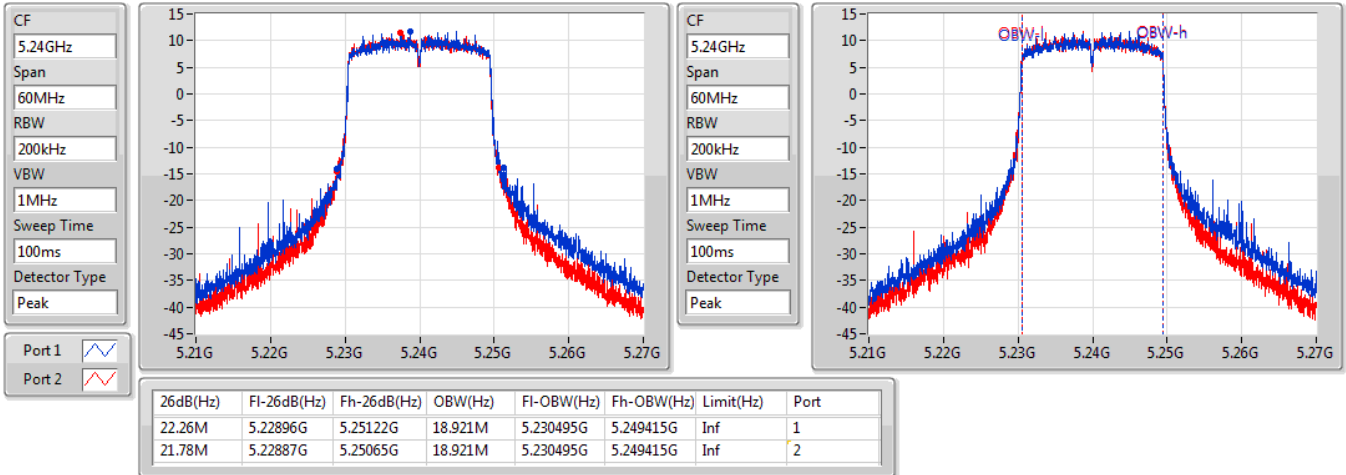

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5200MHz

12/10/2020

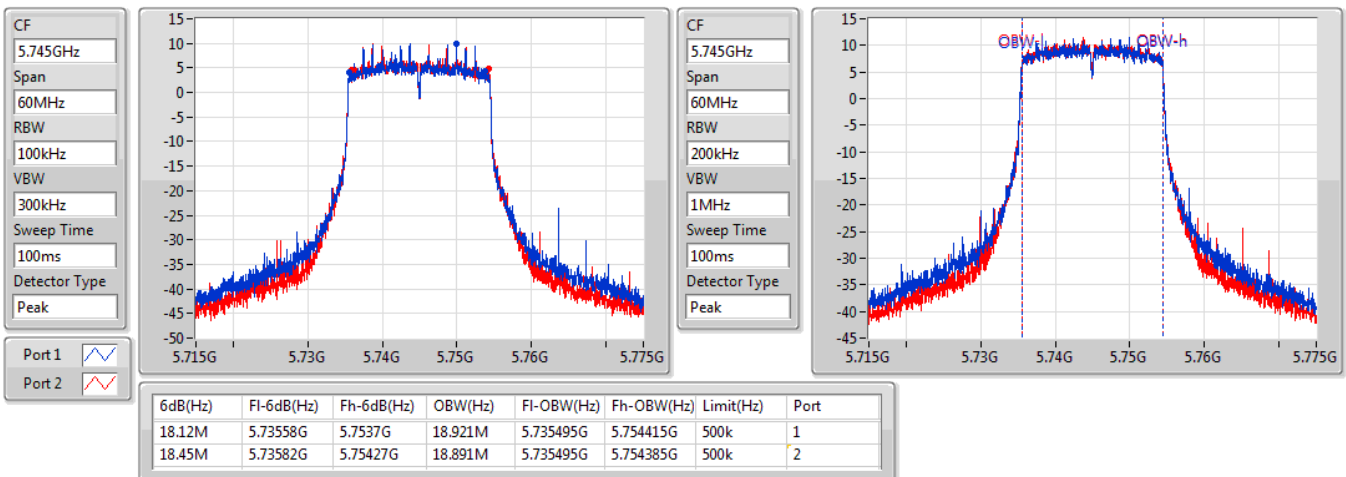


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5240MHz

12/10/2020

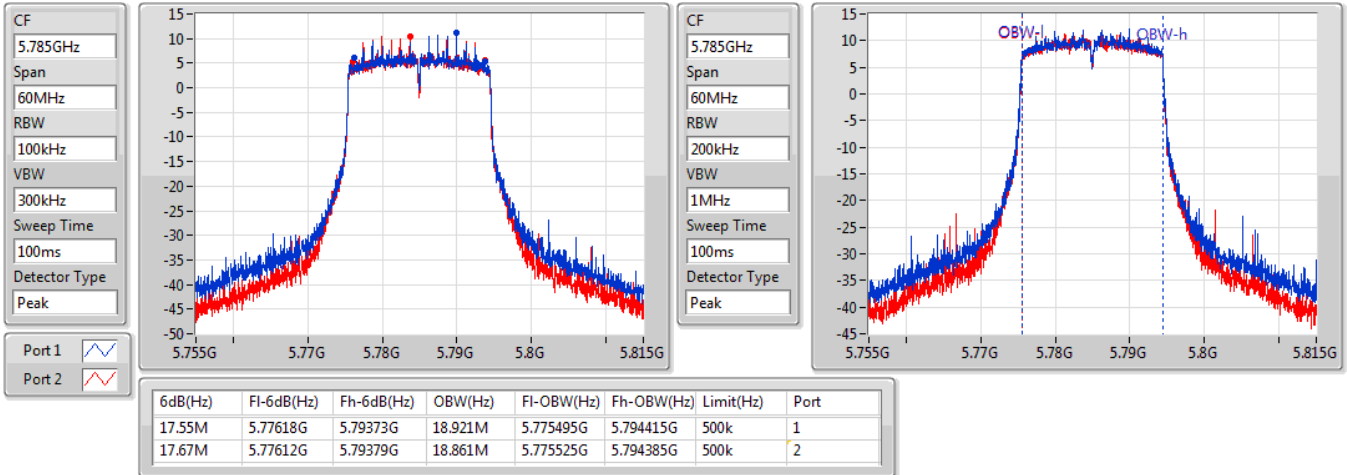

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5745MHz

12/10/2020

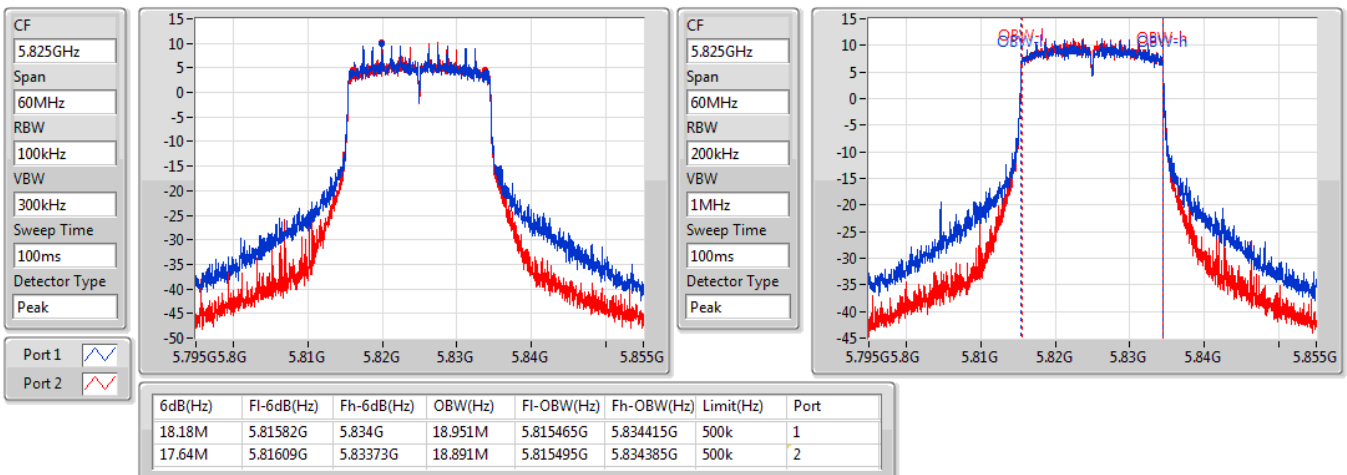


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5785MHz

12/10/2020

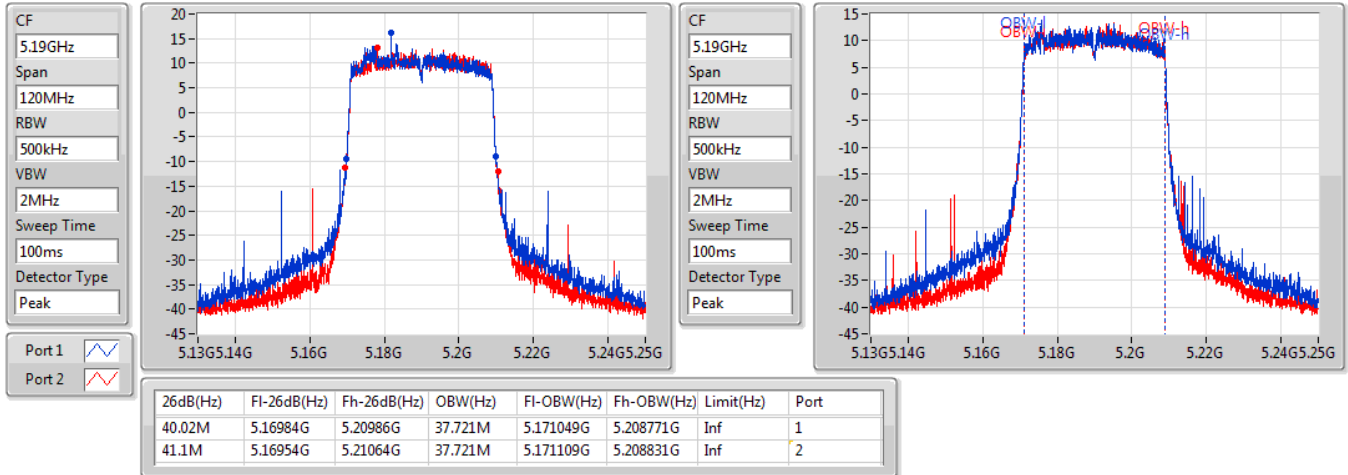

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5825MHz

12/10/2020

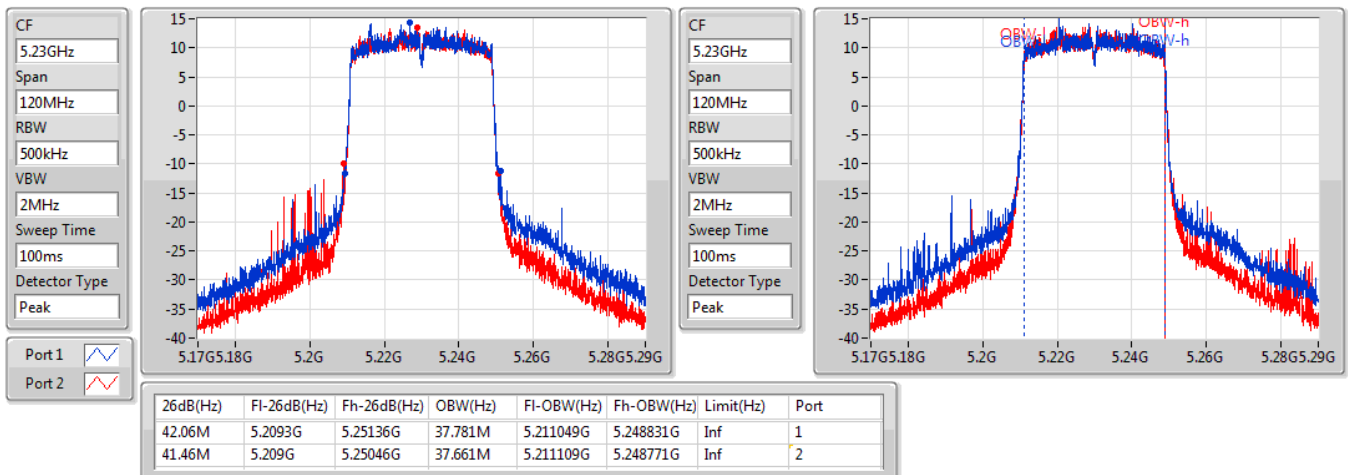


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5190MHz

12/10/2020

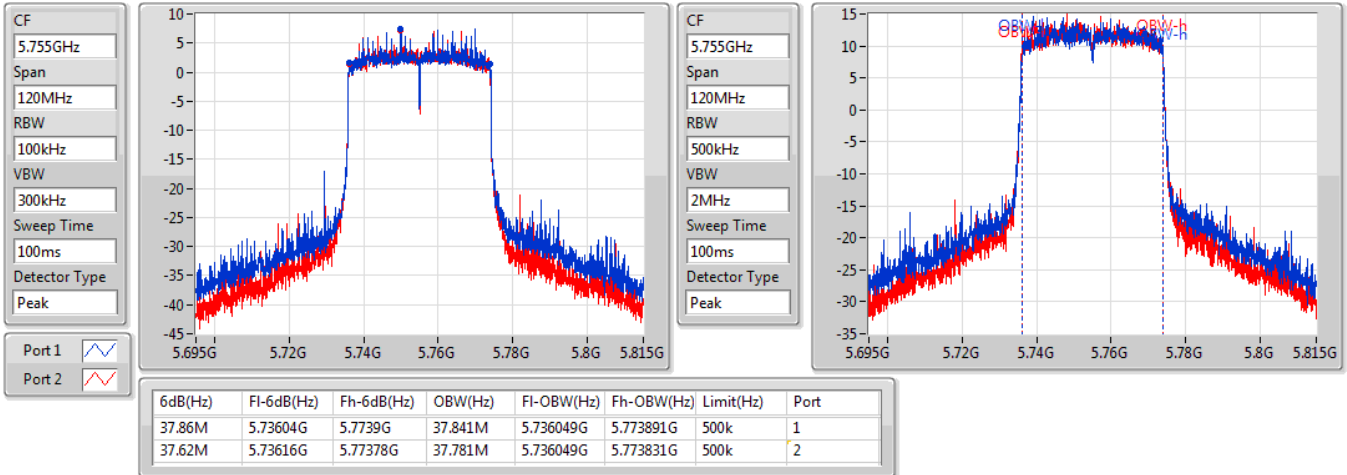

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5230MHz

12/10/2020

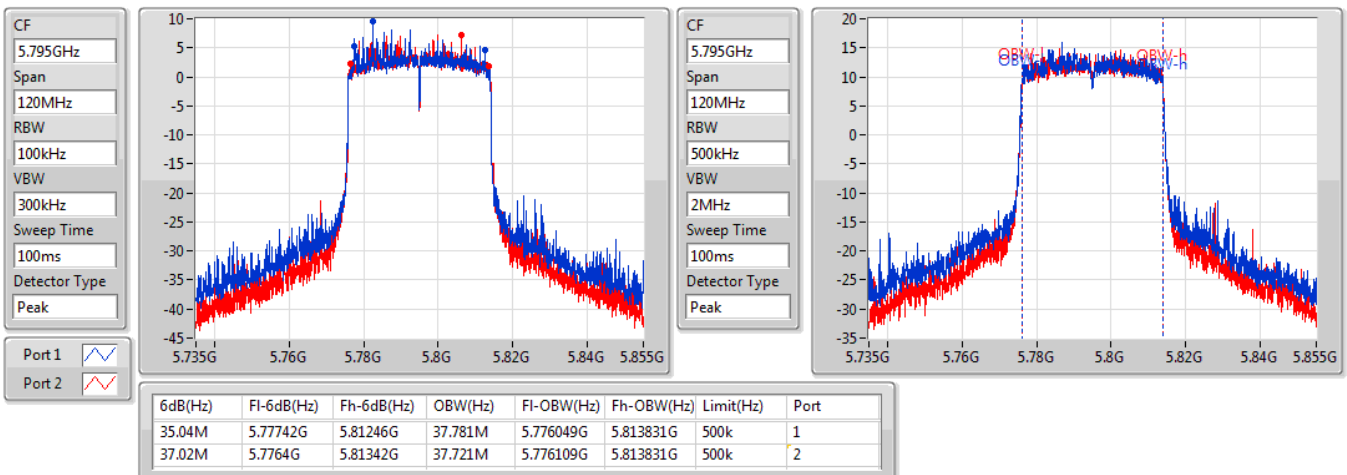


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5755MHz

12/10/2020

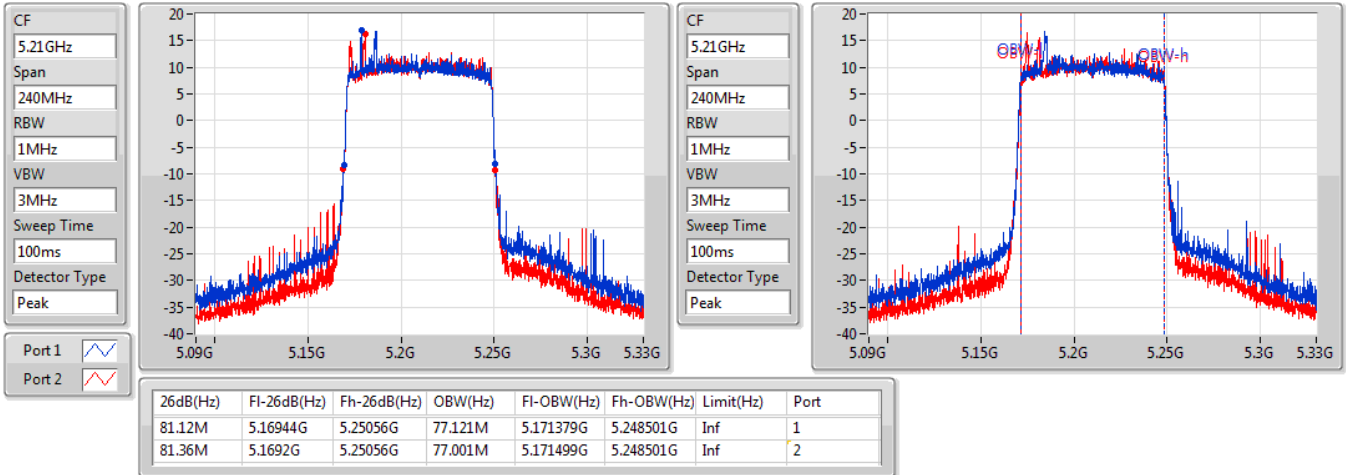

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5795MHz

12/10/2020

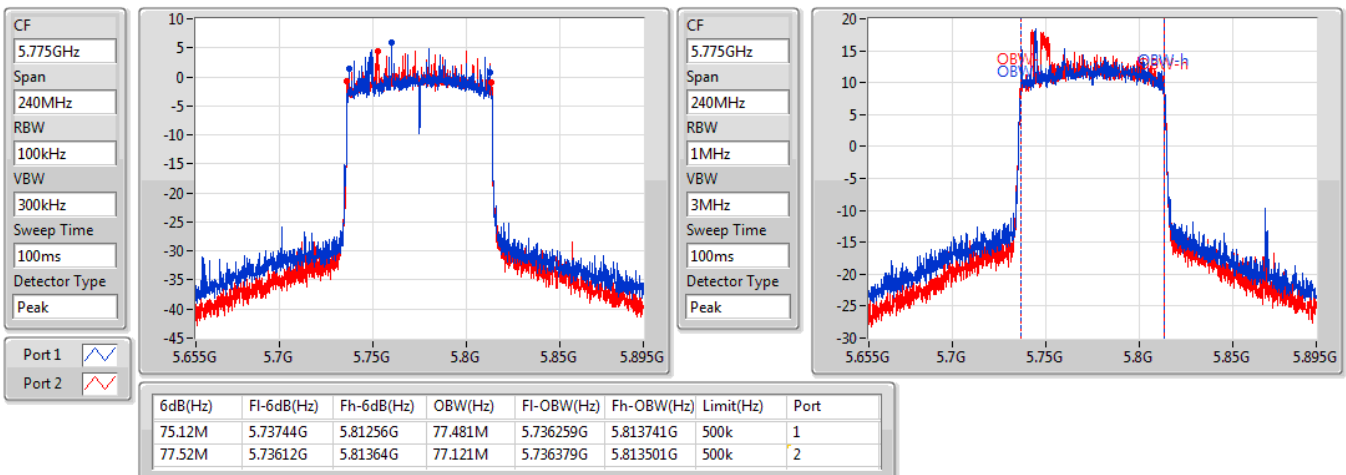


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5210MHz

12/10/2020


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5775MHz

12/10/2020



<EUT 2>
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	18.84M	39.73M	39M7D1D	17.1M	30.675M

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

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth;

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5785MHz	Pass	500k	18.84M	30.675M	17.1M	39.73M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

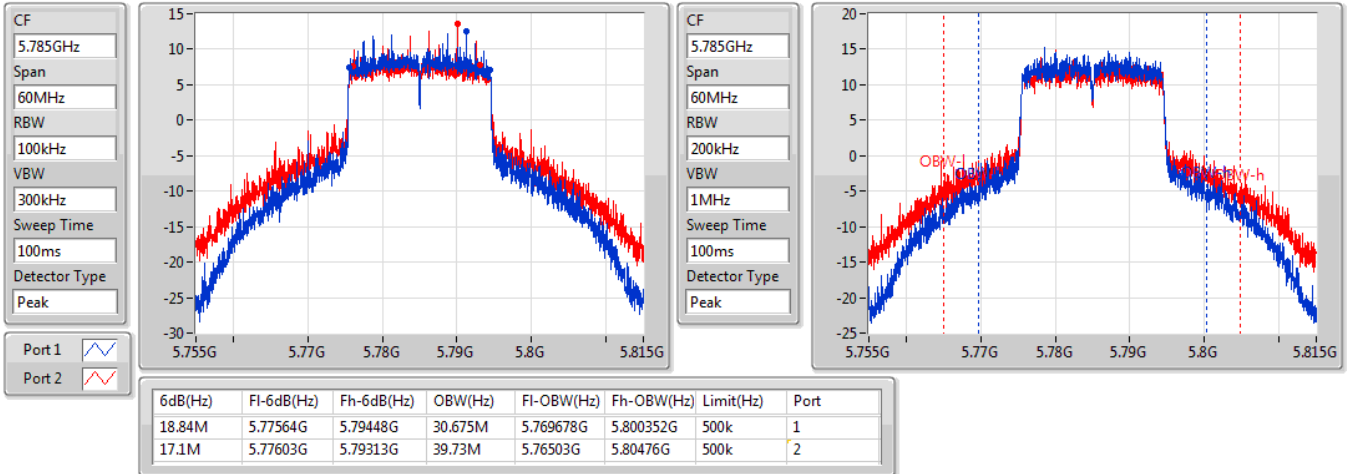
Port X-OBW = Port X 99% occupied bandwidth;

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

30/10/2020





Average Power Result

Appendix C

<EUT 1>

For non-beamforming mode:

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	24.95	0.31261
802.11ax HEW20_Nss1,(MCS0)_2TX	24.63	0.29040
802.11ax HEW40_Nss1,(MCS0)_2TX	24.18	0.26182
802.11ax HEW80_Nss1,(MCS0)_2TX	22.66	0.18450
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	26.81	0.47973
802.11ax HEW20_Nss1,(MCS0)_2TX	26.94	0.49431
802.11ax HEW40_Nss1,(MCS0)_2TX	26.89	0.48865
802.11ax HEW80_Nss1,(MCS0)_2TX	24.42	0.27669



Average Power Result

Appendix C

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.09	20.54	20.61	23.59	30.00
5200MHz	Pass	5.09	21.89	21.98	24.95	30.00
5240MHz	Pass	5.09	21.32	21.51	24.43	30.00
5745MHz	Pass	5.09	23.11	24.06	26.62	30.00
5785MHz	Pass	5.09	23.57	24.01	26.81	30.00
5825MHz	Pass	5.09	22.88	23.86	26.41	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.09	20.09	20.22	23.17	30.00
5200MHz	Pass	5.09	21.73	21.34	24.55	30.00
5240MHz	Pass	5.09	21.65	21.58	24.63	30.00
5745MHz	Pass	5.09	22.30	22.66	25.49	30.00
5785MHz	Pass	5.09	23.76	24.10	26.94	30.00
5825MHz	Pass	5.09	22.83	23.68	26.29	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.09	19.50	19.40	22.46	30.00
5230MHz	Pass	5.09	21.17	21.16	24.18	30.00
5755MHz	Pass	5.09	22.50	22.63	25.58	30.00
5795MHz	Pass	5.09	23.68	24.08	26.89	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.09	19.71	19.59	22.66	30.00
5775MHz	Pass	5.09	21.51	21.31	24.42	30.00

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

For beamforming mode:

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.95	0.24831
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.42	0.21979
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.32	0.17061
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.02	0.25235
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	24.59	0.28774
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	24.11	0.25763



Average Power Result

Appendix C

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.24	19.92	19.94	22.94	30.00
5200MHz	Pass	4.24	20.92	20.96	23.95	30.00
5240MHz	Pass	4.24	20.85	20.92	23.90	30.00
5745MHz	Pass	4.75	20.71	20.75	23.74	30.00
5785MHz	Pass	4.75	21.09	20.93	24.02	30.00
5825MHz	Pass	4.75	20.64	20.70	23.68	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	4.24	19.73	19.67	22.71	30.00
5230MHz	Pass	4.24	20.32	20.50	23.42	30.00
5755MHz	Pass	4.75	21.21	21.32	24.28	30.00
5795MHz	Pass	4.75	21.61	21.55	24.59	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	4.24	19.18	19.44	22.32	30.00
5775MHz	Pass	4.75	21.07	21.12	24.11	30.00

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



Average Power Result

Appendix C

<EUT 2>

Summary

Mode	Total Power (dBm)	Total Power (W)
5.725-5.85GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	26.41	0.43752



Average Power Result

Appendix C

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5785MHz	Pass	5.09	23.72	23.06	26.41	30.00

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

<EUT 1>

For non-beamforming mode:

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	11.81
802.11ax HEW20_Nss1,(MCS0)_2TX	11.07
802.11ax HEW40_Nss1,(MCS0)_2TX	7.80
802.11ax HEW80_Nss1,(MCS0)_2TX	3.10
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	12.02
802.11ax HEW20_Nss1,(MCS0)_2TX	11.34
802.11ax HEW40_Nss1,(MCS0)_2TX	8.66
802.11ax HEW80_Nss1,(MCS0)_2TX	3.39

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.24	7.43	7.42	10.40	17.00
5200MHz	Pass	4.24	8.82	8.86	11.81	17.00
5240MHz	Pass	4.24	8.50	8.69	11.50	17.00
5745MHz	Pass	4.75	8.65	9.50	11.89	30.00
5785MHz	Pass	4.75	8.81	9.39	12.02	30.00
5825MHz	Pass	4.75	8.08	9.07	11.55	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.24	6.60	6.52	9.54	17.00
5200MHz	Pass	4.24	8.06	8.04	11.03	17.00
5240MHz	Pass	4.24	8.04	8.20	11.07	17.00
5745MHz	Pass	4.75	6.99	7.37	10.14	30.00
5785MHz	Pass	4.75	8.07	8.67	11.34	30.00
5825MHz	Pass	4.75	7.31	8.25	10.77	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	4.24	3.03	2.94	5.94	17.00
5230MHz	Pass	4.24	4.84	4.89	7.80	17.00
5755MHz	Pass	4.75	4.24	4.63	7.32	30.00
5795MHz	Pass	4.75	5.51	6.02	8.66	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	4.24	0.13	0.26	3.10	17.00
5775MHz	Pass	4.75	0.71	0.25	3.39	30.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

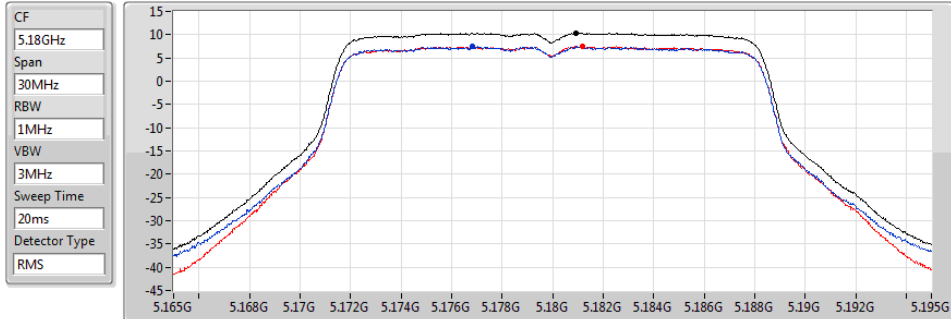
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

12/10/2020



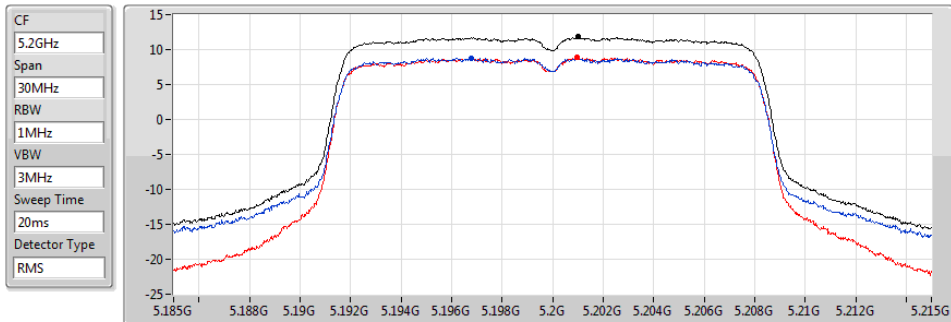
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.40	10.40	7.43	7.42

802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

12/10/2020



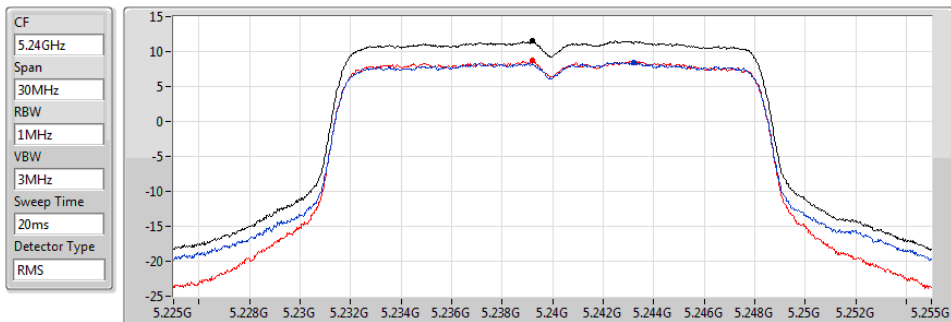
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.81	11.81	8.82	8.86

802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

12/10/2020



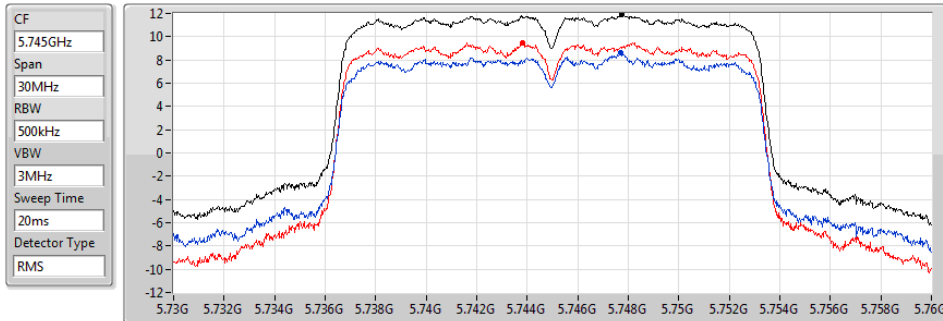
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.50	11.50	8.50	8.69

802.11a_Nss1,(6Mbps)_2TX

5745MHz

PSD

12/10/2020



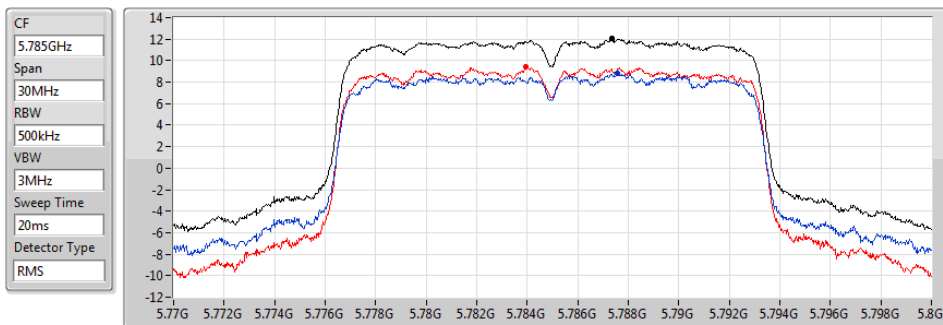
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
11.89	11.89	8.65	9.50

802.11a_Nss1,(6Mbps)_2TX

5785MHz

PSD

12/10/2020



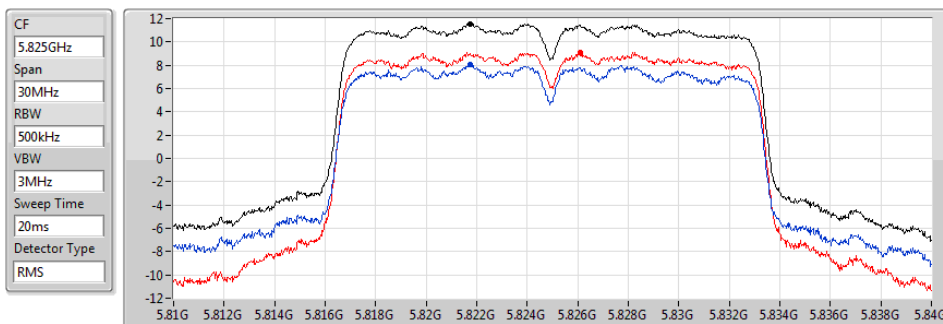
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
12.02	12.02	8.81	9.39

802.11a_Nss1,(6Mbps)_2TX

5825MHz

PSD

12/10/2020



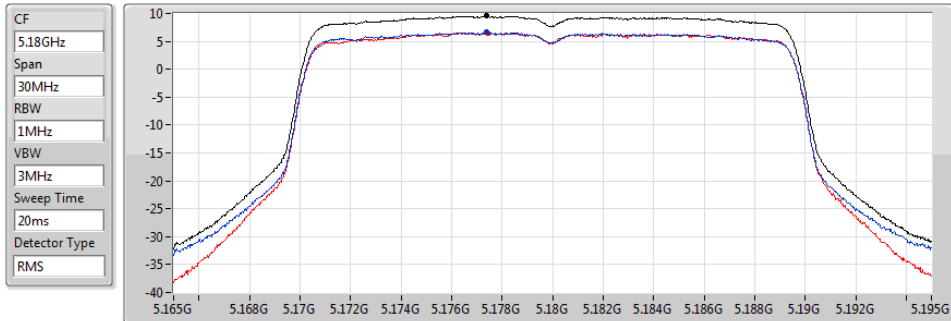
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
11.55	11.55	8.08	9.07

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5180MHz

12/10/2020



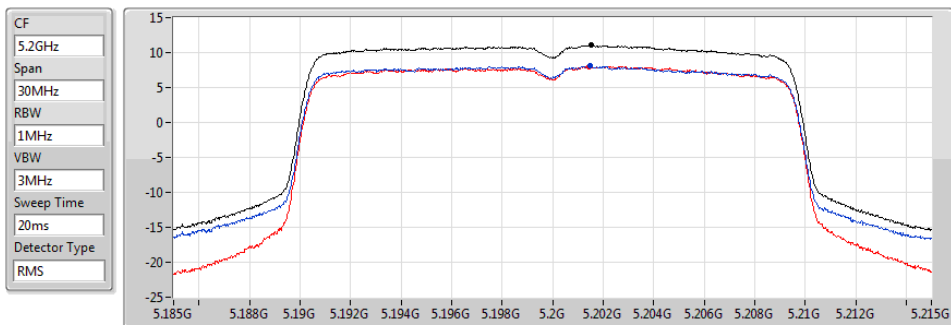
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.54	9.54	6.60	6.52

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5200MHz

12/10/2020



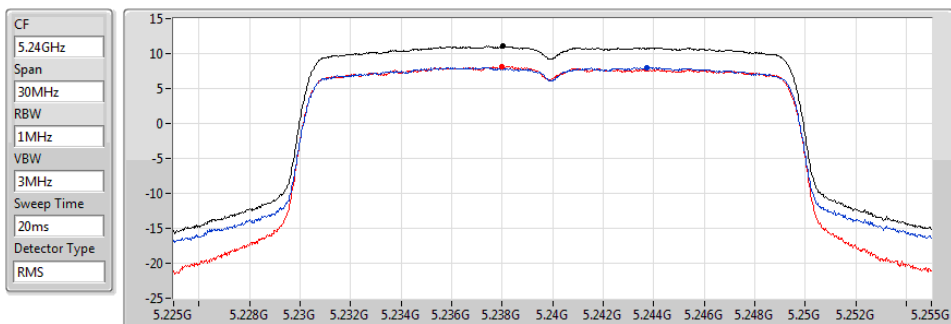
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.03	11.03	8.06	8.04

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5240MHz

12/10/2020



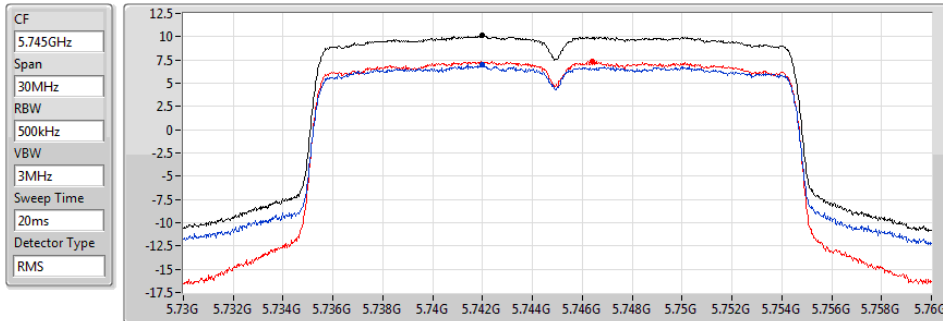
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.07	11.07	8.04	8.20

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5745MHz

12/10/2020



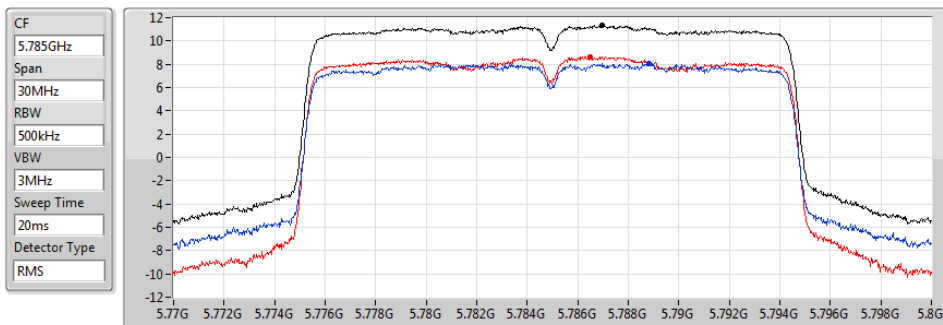
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.14	10.14	6.99	7.37

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

12/10/2020



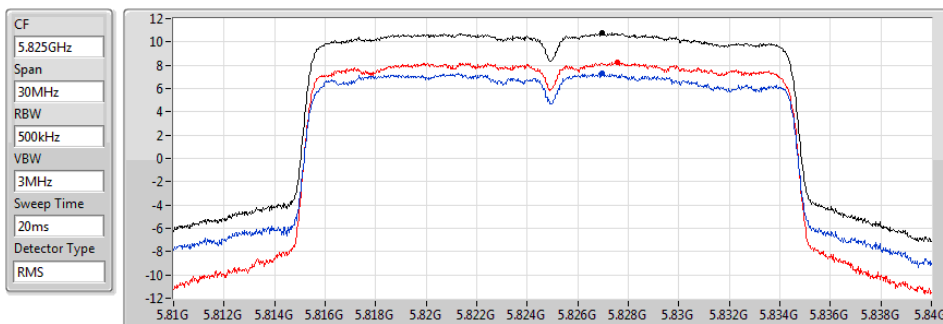
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.34	11.34	8.07	8.67

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

12/10/2020



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.77	10.77	7.31	8.25

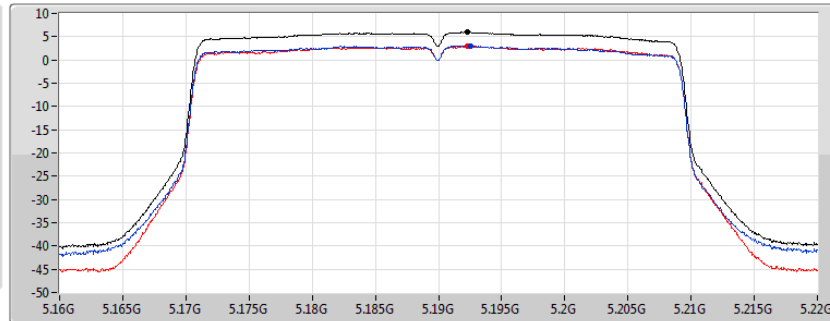
802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5190MHz

12/10/2020

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.94	5.94	3.03	2.94

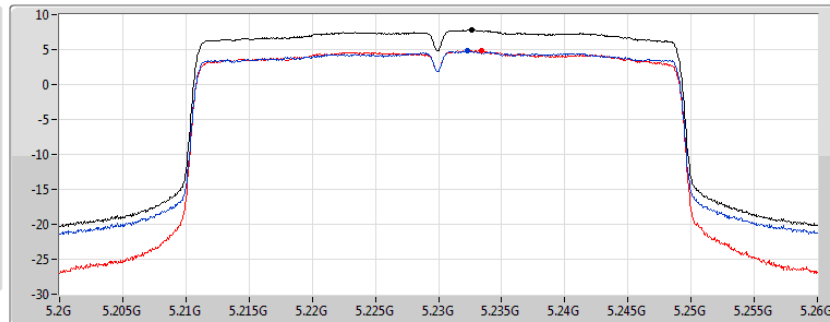
802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5230MHz

12/10/2020

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.80	7.80	4.84	4.89

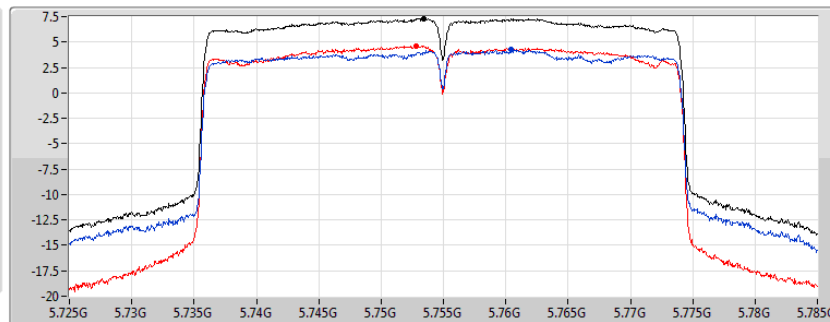
802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5755MHz

12/10/2020

CF
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

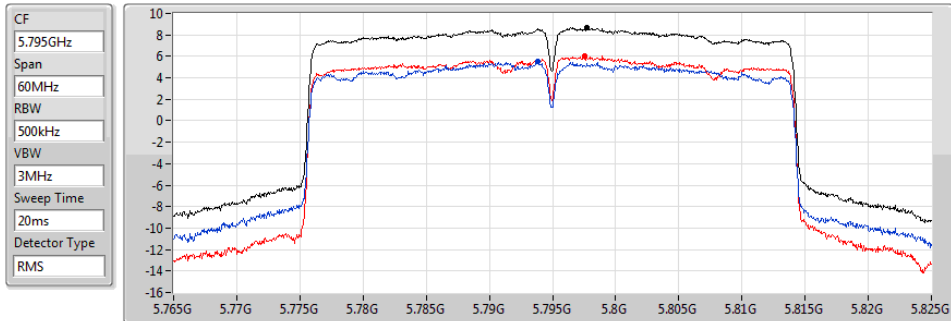
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.32	7.32	4.24	4.63

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5795MHz

12/10/2020



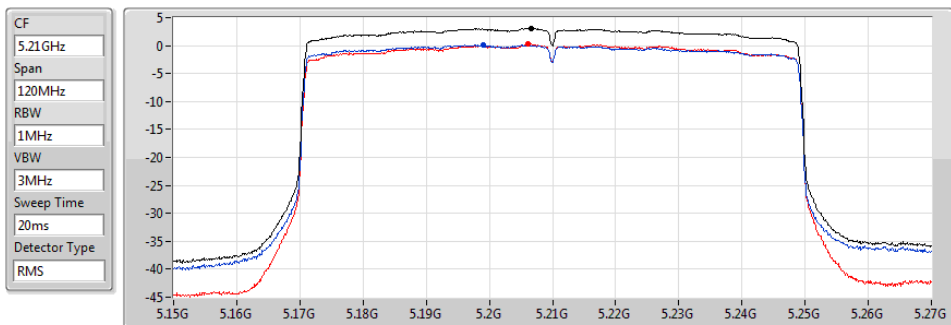
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.66	8.66	5.51	6.02

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5210MHz

12/10/2020



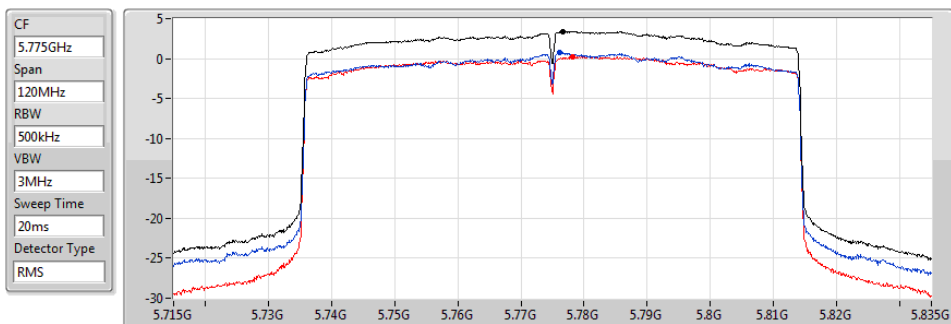
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.10	3.10	0.13	0.26

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

12/10/2020



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.39	3.39	0.71	0.25

For beamforming mode:

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.20
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	7.02
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.61
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.83
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.40
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.23

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.24	6.39	6.24	9.19	17.00
5200MHz	Pass	4.24	7.28	7.34	10.16	17.00
5240MHz	Pass	4.24	7.34	7.39	10.20	17.00
5745MHz	Pass	4.75	5.38	5.50	8.36	30.00
5785MHz	Pass	4.75	5.97	5.83	8.83	30.00
5825MHz	Pass	4.75	5.52	5.41	8.38	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	4.24	3.38	3.39	6.36	17.00
5230MHz	Pass	4.24	4.00	4.13	7.02	17.00
5755MHz	Pass	4.75	3.36	3.36	6.37	30.00
5795MHz	Pass	4.75	3.63	3.42	6.40	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	4.24	1.70	0.08	3.61	17.00
5775MHz	Pass	4.75	2.48	0.23	4.23	30.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

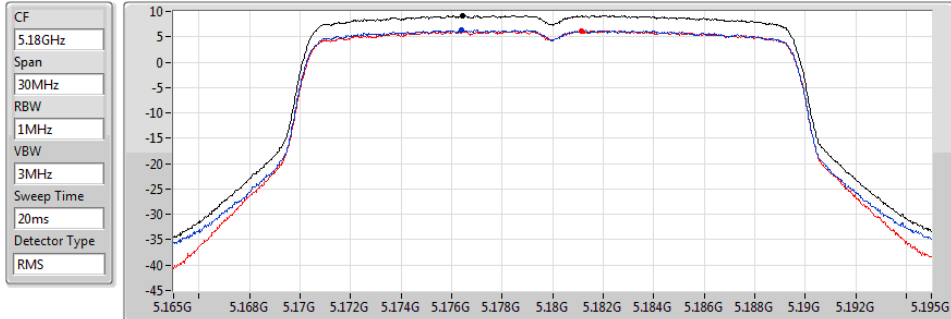
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

12/10/2020



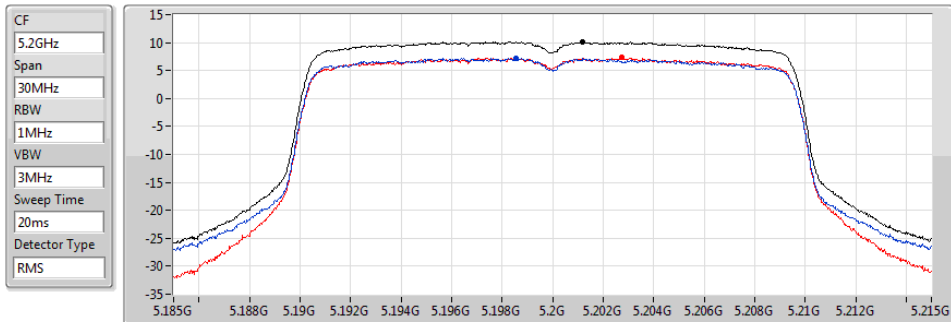
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.19	9.19	6.39	6.24

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

12/10/2020



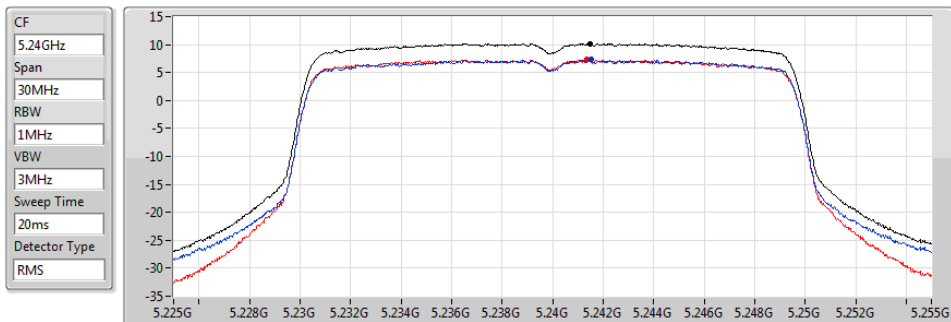
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.16	10.16	7.28	7.34

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

12/10/2020



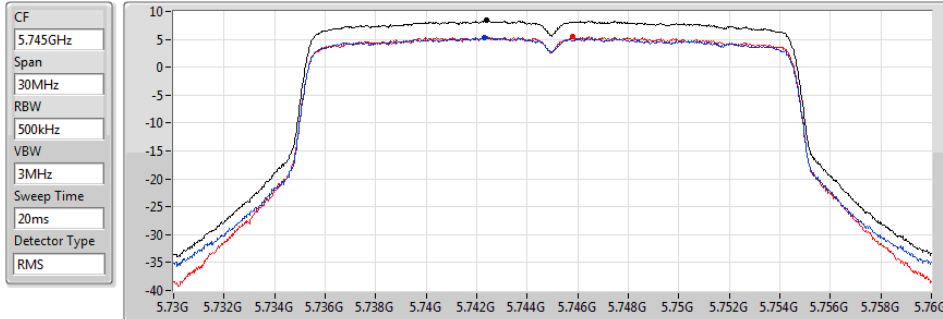
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.20	10.20	7.34	7.39

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

12/10/2020



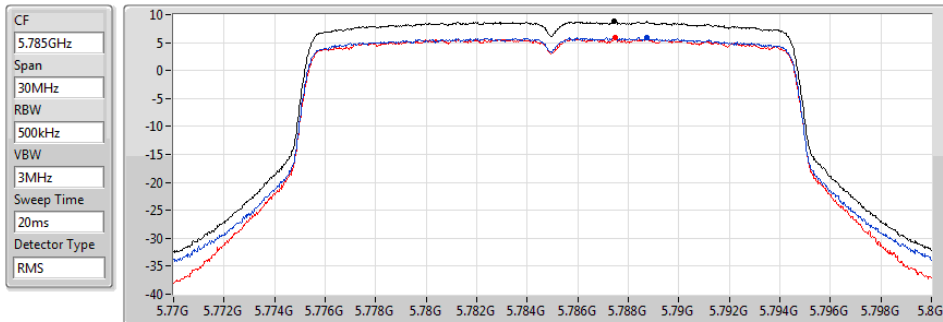
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.36	8.36	5.38	5.50

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

12/10/2020



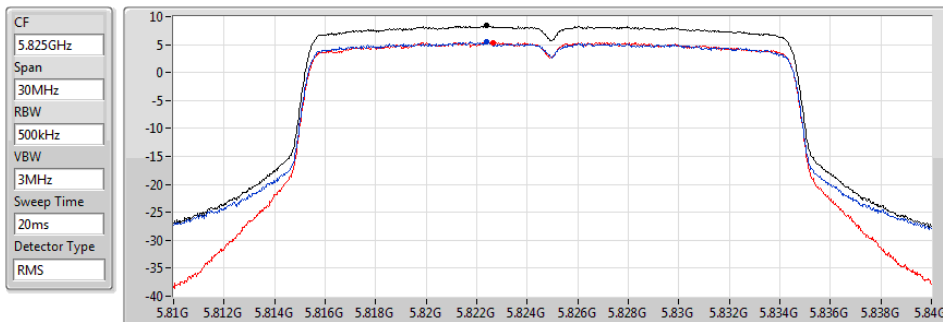
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.83	8.83	5.97	5.83

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

12/10/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.38	8.38	5.52	5.41

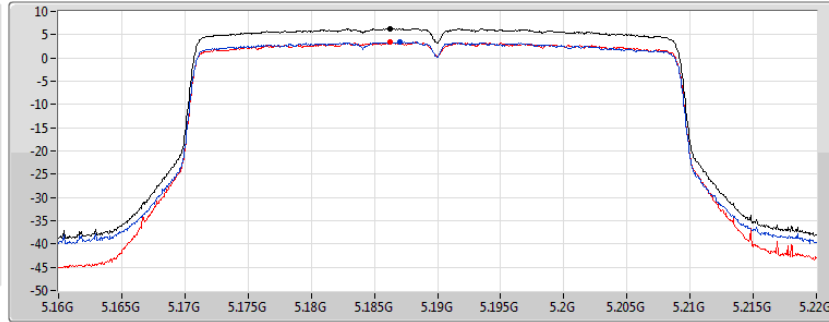
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

12/10/2020

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.36	6.36	3.38	3.39

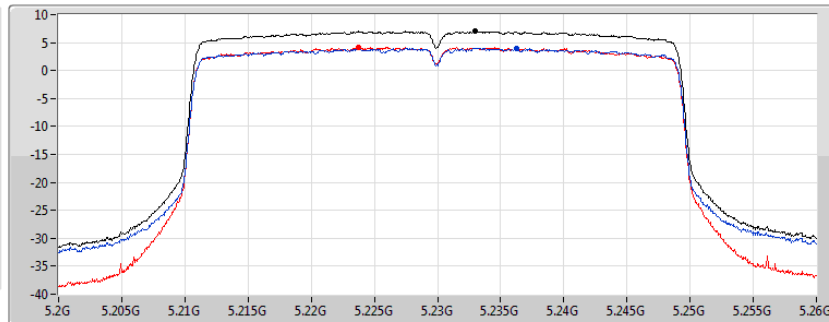
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

12/10/2020

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.02	7.02	4.00	4.13

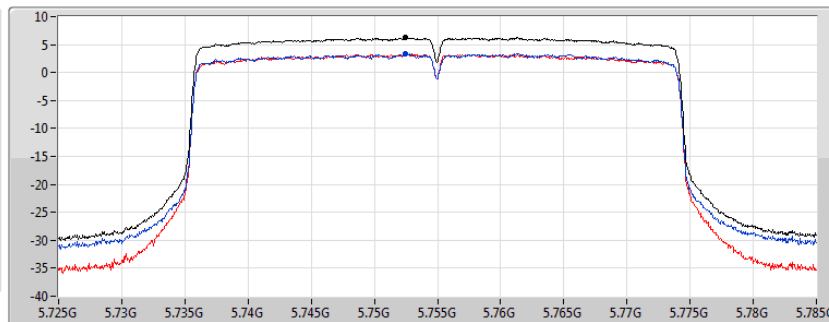
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

12/10/2020

CF
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

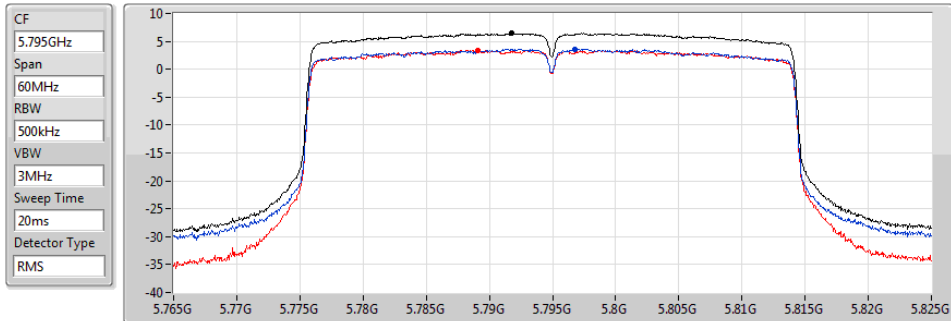
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.37	6.37	3.36	3.36

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

12/10/2020



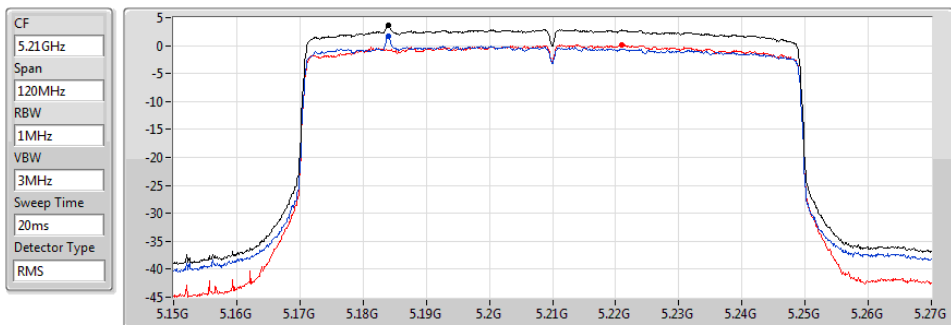
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.40	6.40	3.63	3.42

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

12/10/2020



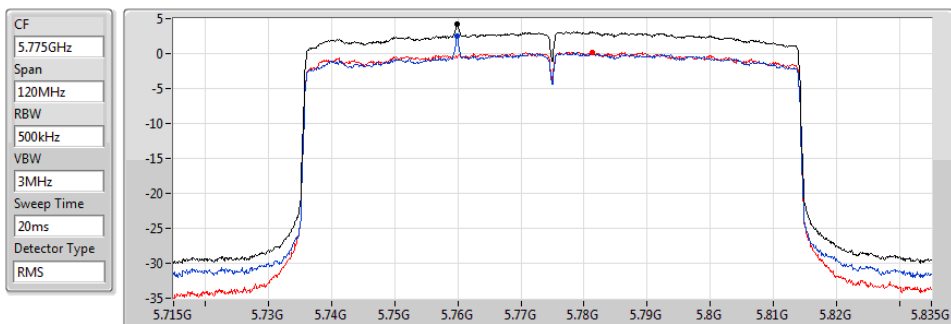
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.61	3.61	1.70	0.08

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

12/10/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.23	4.23	2.48	0.23



<EUT 2>

Summary

Mode	PD (dBm/RBW)
5.725-5.85GHz	-
802.11ax HEW20_Nss1,(MCS0)_2TX	10.91

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5785MHz	Pass	7.32	8.40	7.53	10.91	28.68

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

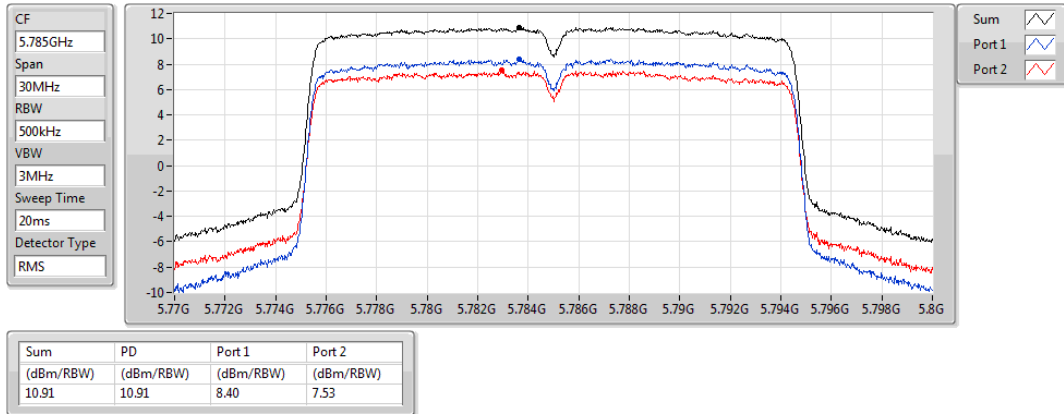
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

30/10/2020





RSE below 1GHz Result

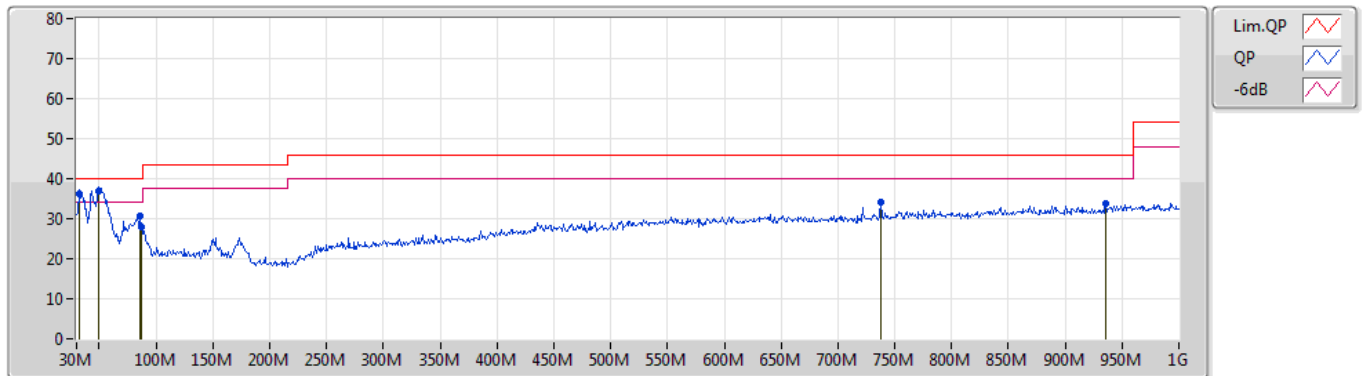
Appendix E.1

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 4	Pass	PK	49.4M	36.87	40.00	-3.13	Vertical

Mode 4

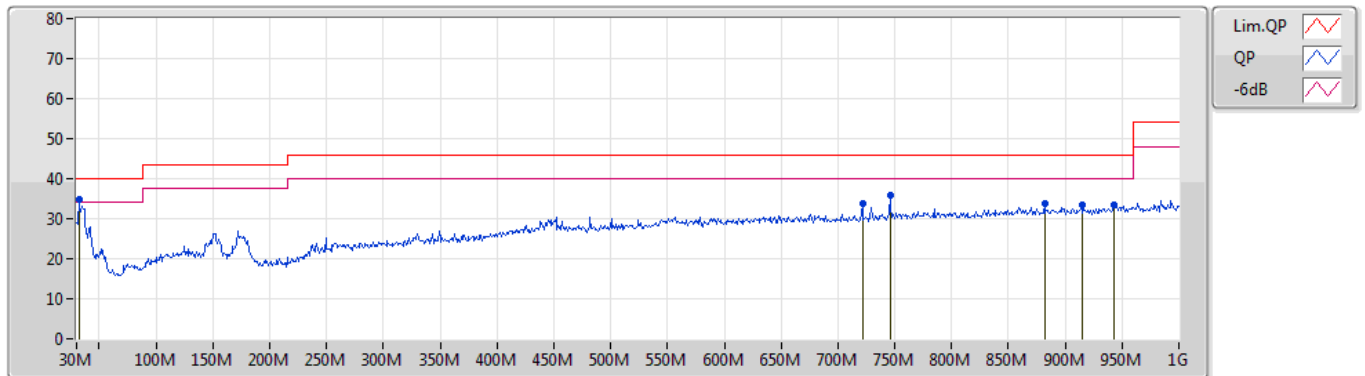
07/10/2020



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	31.94M	36.31	40.00	-3.69	-4.81	3	Vertical	27	3.00	-	41.12	23.43	0.20	28.44
PK	49.4M	36.87	40.00	-3.13	-13.65	3	Vertical	21	1.00	"Worst"	50.52	14.62	0.40	28.67
PK	86.26M	30.61	40.00	-9.39	-13.92	3	Vertical	159	2.00	-	44.53	13.96	0.70	28.58
PK	87.23M	27.77	40.00	-12.23	-13.68	3	Vertical	67	2.00	-	41.45	14.19	0.70	28.57
PK	738.1M	34.20	46.00	-11.80	-0.35	3	Vertical	63	3.00	-	34.55	25.80	3.15	29.30
PK	935.98M	33.76	46.00	-12.24	1.56	3	Vertical	0	1.25	-	32.20	26.65	3.50	28.59

Mode 4

07/10/2020



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	31.94M	34.98	40.00	-5.02	-4.81	3	Horizontal	12	3.00	"Worst"	39.79	23.43	0.20	28.44
PK	721.61M	33.82	46.00	-12.18	-0.78	3	Horizontal	360	2.00	-	34.60	25.42	3.09	29.29
PK	745.86M	35.74	46.00	-10.26	-0.20	3	Horizontal	11	2.00	-	35.94	25.93	3.18	29.31
PK	881.66M	33.63	46.00	-12.37	1.04	3	Horizontal	85	2.00	-	32.59	26.44	3.46	28.86
PK	914.64M	33.32	46.00	-12.68	1.26	3	Horizontal	6	1.25	-	32.06	26.45	3.50	28.69
PK	942.77M	33.44	46.00	-12.56	1.66	3	Horizontal	204	1.00	-	31.78	26.72	3.50	28.56



<EUT 1>

For non-beamforming mode:

Summary

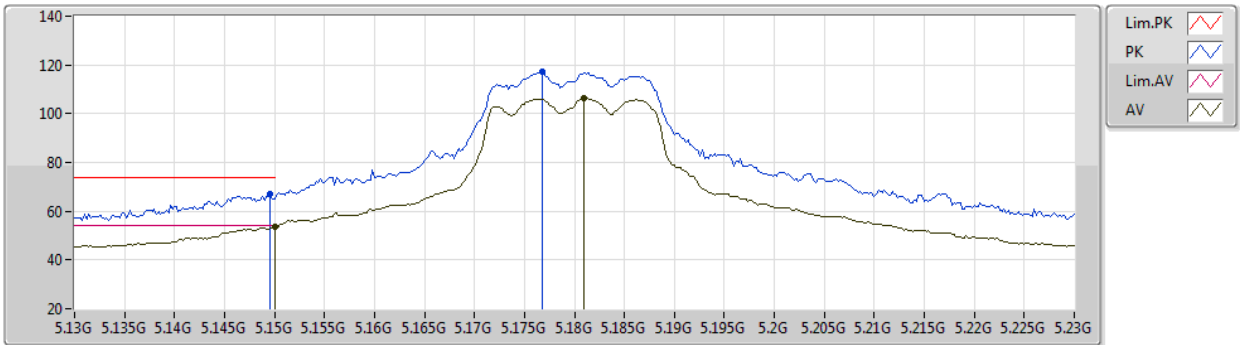
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.15G	53.88	54.00	-0.12	3	Vertical	97	2.63	-



802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5180MHz_TX



EUT Z_2TX
Setting 20.5
01-A-G-2-10

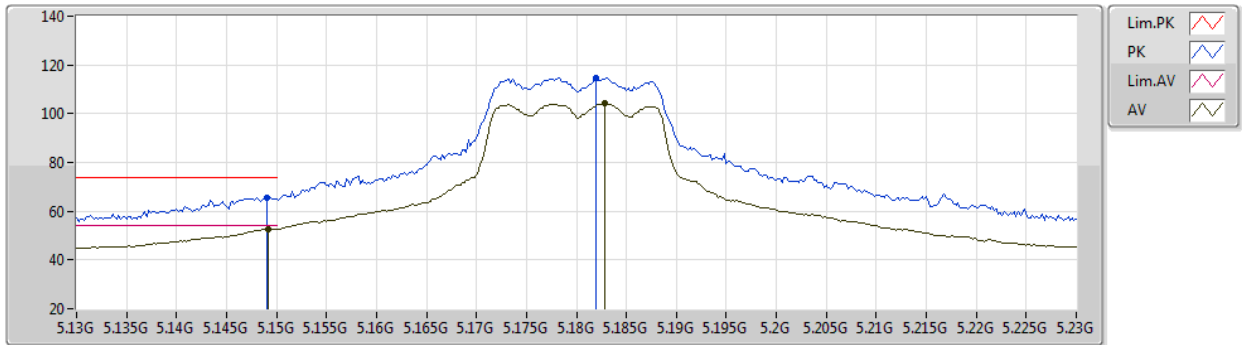
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1496G	67.06	74.00	-6.94	63.82	3	Vertical	97	2.55	-	32.70	5.17	34.63
AV	5.15G	53.61	54.00	-0.39	50.37	3	Vertical	97	2.55	-	32.70	5.17	34.63
PK	5.1768G	117.00	Inf	-Inf	113.70	3	Vertical	97	2.55	-	32.75	5.19	34.64
AV	5.181G	106.36	Inf	-Inf	103.06	3	Vertical	97	2.55	-	32.76	5.19	34.65



802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5180MHz_TX



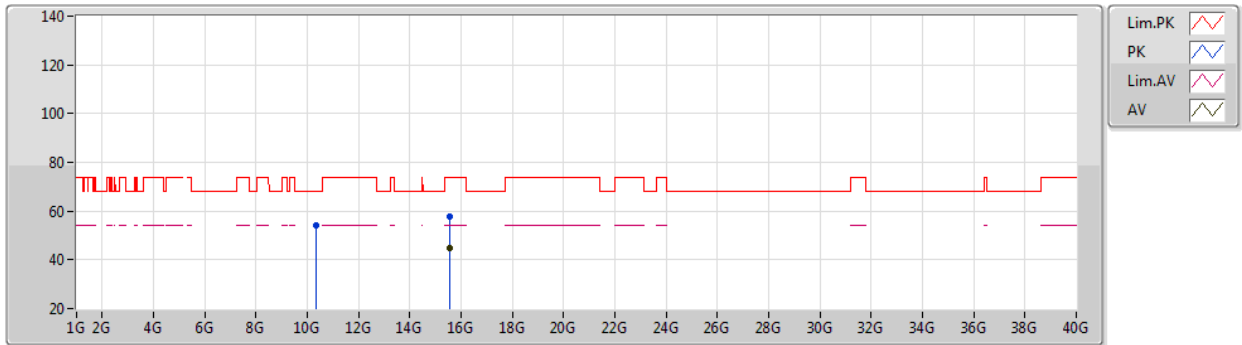
EUT Z_2TX
Setting 20.5
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.149G	65.77	74.00	-8.23	62.53	3	Horizontal	73	1.11	-	32.70	5.17	34.63	
AV	5.1492G	52.82	54.00	-1.18	49.58	3	Horizontal	73	1.11	-	32.70	5.17	34.63	
PK	5.182G	114.62	Inf	-Inf	111.32	3	Horizontal	73	1.11	-	32.76	5.19	34.65	
AV	5.1828G	104.20	Inf	-Inf	100.89	3	Horizontal	73	1.11	-	32.77	5.19	34.65	

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5180MHz_TX



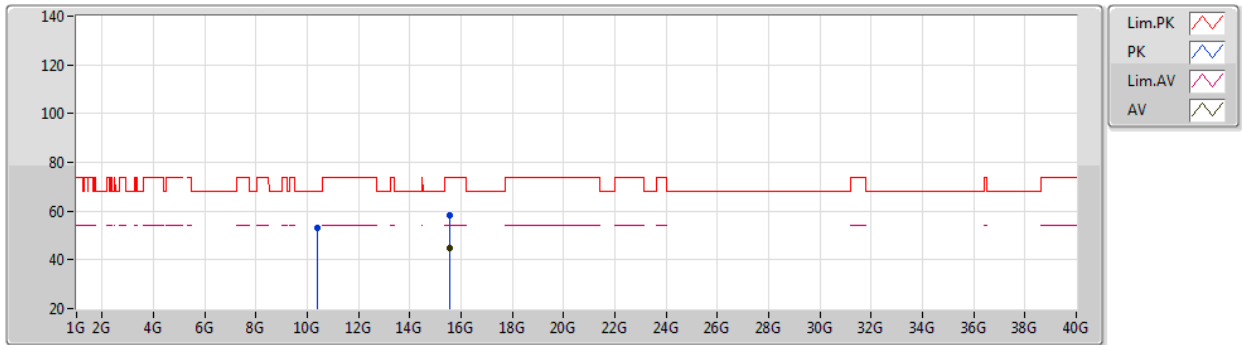
EUT Z_2TX
Setting 20.5
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.36G	53.88	68.20	-14.32	43.57	3	Vertical	88	2.35	-	38.26	7.43	35.38
PK	15.53892G	57.98	74.00	-16.02	45.53	3	Vertical	333	2.64	-	38.06	9.21	34.82
AV	15.54196G	44.82	54.00	-9.18	32.37	3	Vertical	333	2.64	-	38.06	9.21	34.82

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5180MHz_TX



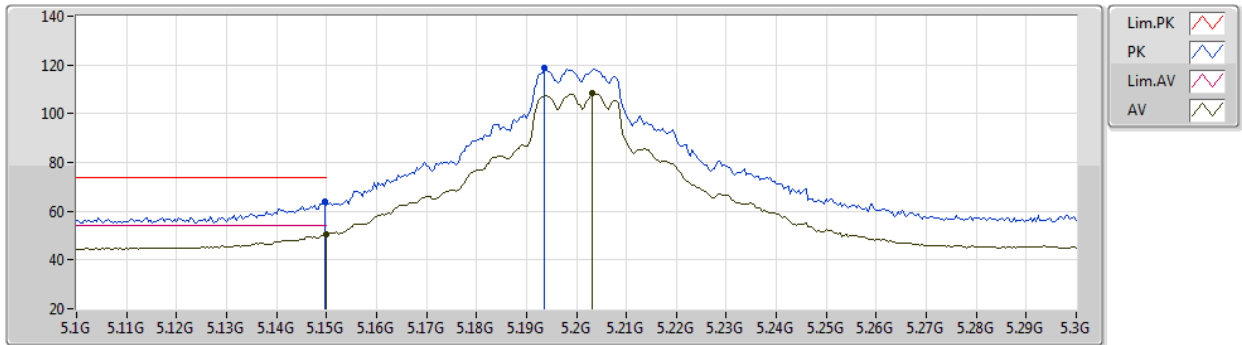
EUT Z_2TX
Setting 20.5
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.369G	52.86	68.20	-15.34	42.53	3	Horizontal	263	2.97	-	38.27	7.43	35.37
PK	15.53948G	58.19	74.00	-15.81	45.74	3	Horizontal	154	1.91	-	38.06	9.21	34.82
AV	15.54236G	44.73	54.00	-9.27	32.28	3	Horizontal	154	1.91	-	38.06	9.21	34.82

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5200MHz_TX



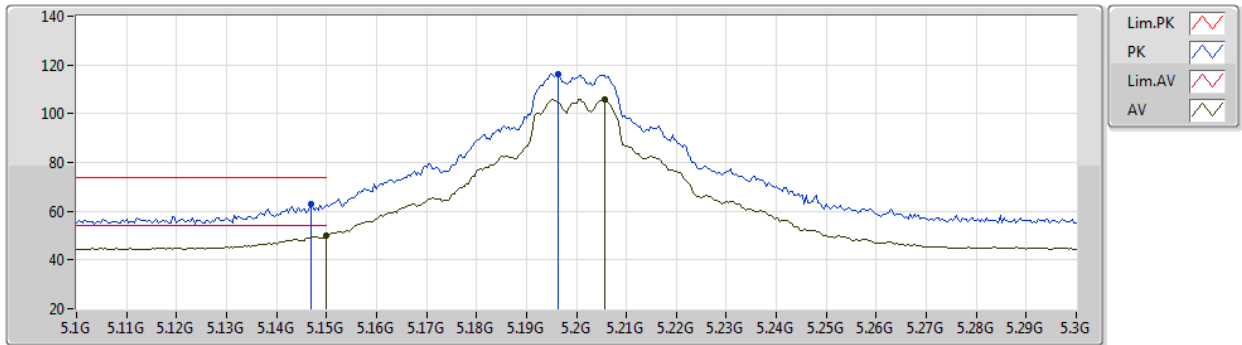
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Setting 22
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1496G	64.08	74.00	-9.92	60.84	3	Vertical	97	2.65	-	32.70	5.17	34.63
AV	5.15G	50.73	54.00	-3.27	47.49	3	Vertical	97	2.65	-	32.70	5.17	34.63
PK	5.1936G	118.61	Inf	-Inf	115.27	3	Vertical	97	2.65	-	32.79	5.20	34.65
AV	5.2032G	108.22	Inf	-Inf	104.86	3	Vertical	97	2.65	-	32.81	5.20	34.65

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5200MHz_TX



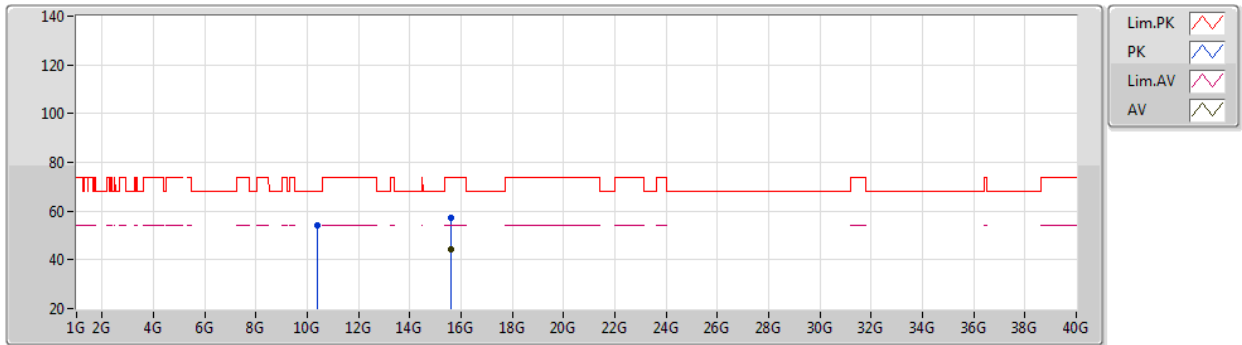
EUT Z_2TX
Setting 22
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1468G	62.76	74.00	-11.24	59.51	3	Horizontal	72	1.00	-	32.71	5.17	34.63
AV	5.15G	49.75	54.00	-4.25	46.51	3	Horizontal	72	1.00	-	32.70	5.17	34.63
PK	5.1964G	116.30	Inf	-Inf	112.96	3	Horizontal	72	1.00	-	32.79	5.20	34.65
AV	5.2056G	105.87	Inf	-Inf	102.50	3	Horizontal	72	1.00	-	32.81	5.21	34.65

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5200MHz_TX



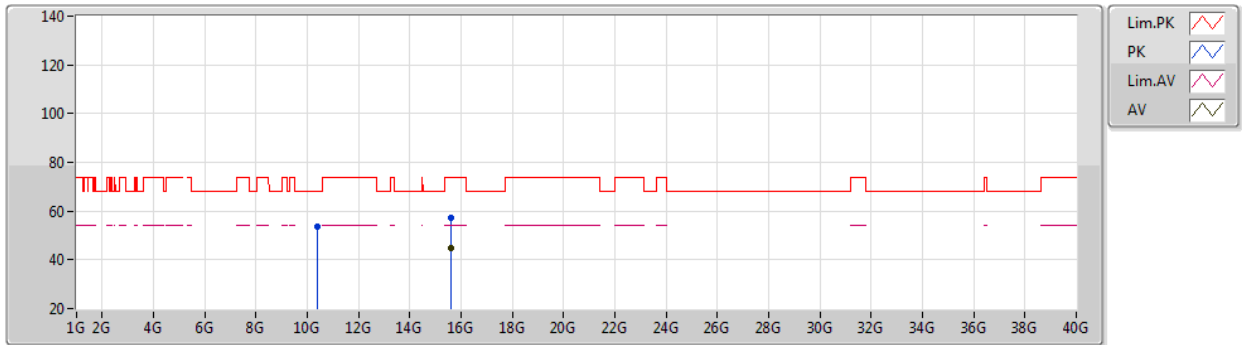
EUT Z_2TX
Setting 22
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.40004G	53.95	68.20	-14.25	43.56	3	Vertical	94	1.18	-	38.30	7.44	35.35
PK	15.59516G	57.31	74.00	-16.69	44.97	3	Vertical	344	1.34	-	38.00	9.22	34.88
AV	15.59916G	44.34	54.00	-9.66	32.00	3	Vertical	344	1.34	-	38.00	9.22	34.88

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5200MHz_TX



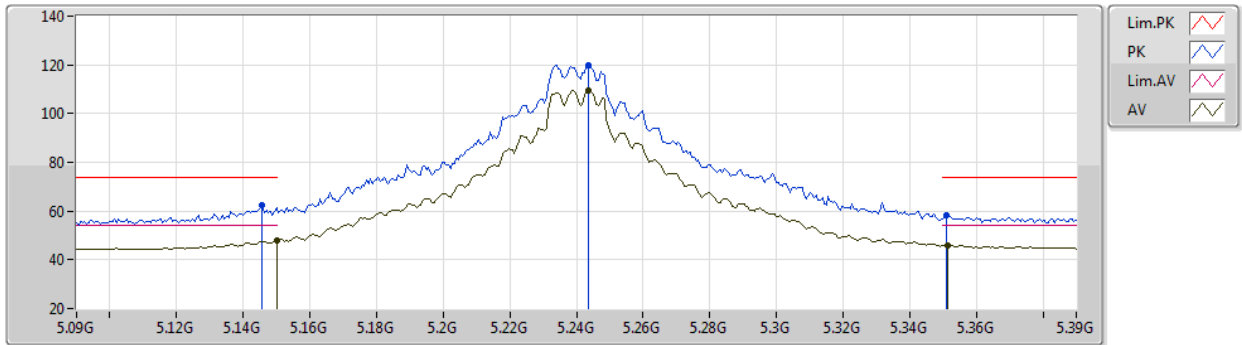
EUT Z_2TX
Setting 22
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.39568G	53.51	68.20	-14.69	43.12	3	Horizontal	159	2.67	-	38.30	7.44	35.35
PK	15.59824G	57.47	74.00	-16.53	45.13	3	Horizontal	269	1.96	-	38.00	9.22	34.88
AV	15.59312G	44.65	54.00	-9.35	32.29	3	Horizontal	269	1.96	-	38.01	9.22	34.87

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5240MHz_TX



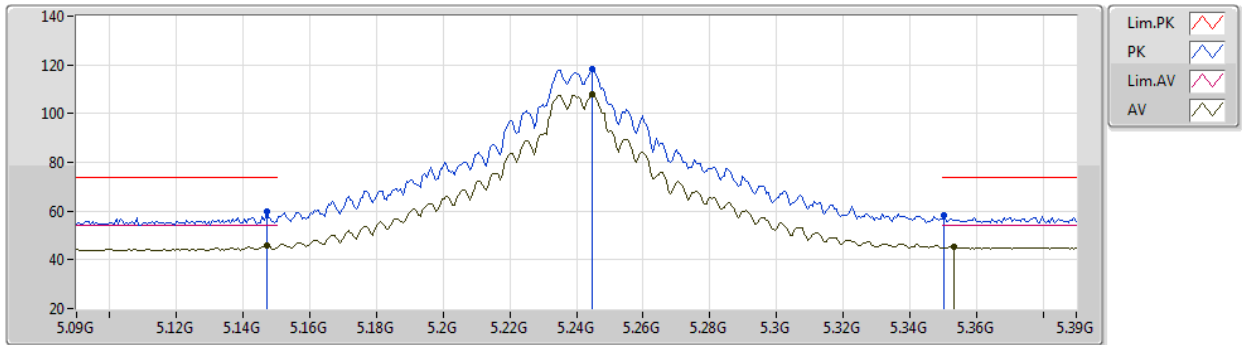
EUT Z_2TX
Setting 24
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1458G	62.34	74.00	-11.66	59.09	3	Vertical	98	2.62	-	32.71	5.17	34.63
AV	5.15G	47.95	54.00	-6.05	44.71	3	Vertical	98	2.62	-	32.70	5.17	34.63
PK	5.2436G	119.95	Inf	-Inf	116.49	3	Vertical	98	2.62	-	32.89	5.24	34.67
AV	5.2436G	109.33	Inf	-Inf	105.87	3	Vertical	98	2.62	-	32.89	5.24	34.67
PK	5.351G	58.10	74.00	-15.90	54.36	3	Vertical	98	2.62	-	33.10	5.35	34.71
AV	5.3516G	45.96	54.00	-8.04	42.22	3	Vertical	98	2.62	-	33.10	5.35	34.71

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5240MHz_TX



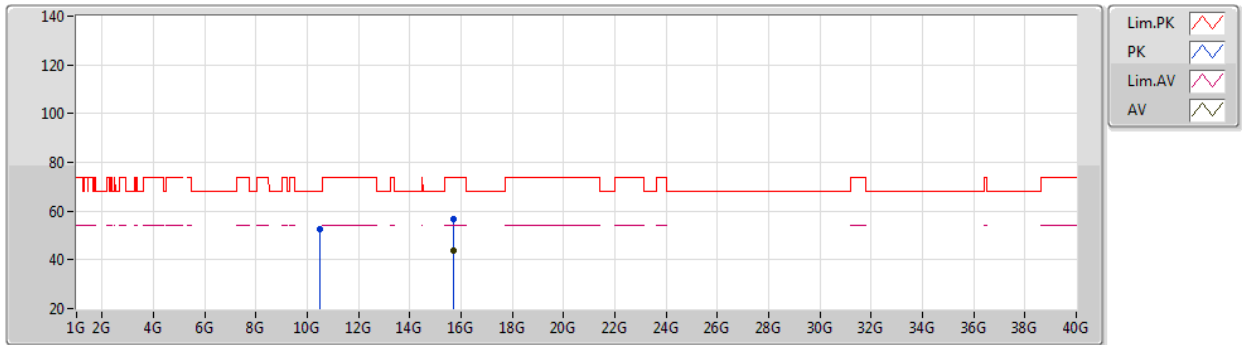
EUT Z_2TX
Setting 24
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.147G	59.67	74.00	-14.33	56.42	3	Horizontal	30	2.58	-	32.71	5.17	34.63
AV	5.147G	45.69	54.00	-8.31	42.44	3	Horizontal	30	2.58	-	32.71	5.17	34.63
PK	5.2448G	118.30	Inf	-Inf	114.84	3	Horizontal	30	2.58	-	32.89	5.24	34.67
AV	5.2448G	107.77	Inf	-Inf	104.31	3	Horizontal	30	2.58	-	32.89	5.24	34.67
PK	5.3504G	58.22	74.00	-15.78	54.48	3	Horizontal	30	2.58	-	33.10	5.35	34.71
AV	5.3534G	45.27	54.00	-8.73	41.52	3	Horizontal	30	2.58	-	33.11	5.35	34.71

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5240MHz_TX



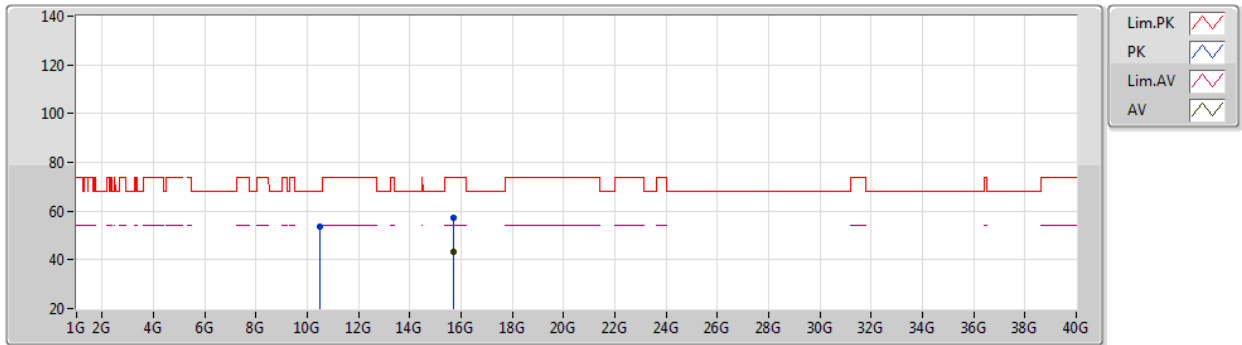
EUT_Z_2TX
Setting 24
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.48216G	52.65	68.20	-15.55	42.00	3	Vertical	348	2.97	-	38.46	7.47	35.28
PK	15.71846G	56.50	74.00	-17.50	44.02	3	Vertical	39	1.78	-	38.24	9.24	35.00
AV	15.7172G	43.80	54.00	-10.20	31.33	3	Vertical	39	1.78	-	38.23	9.24	35.00

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5240MHz_TX



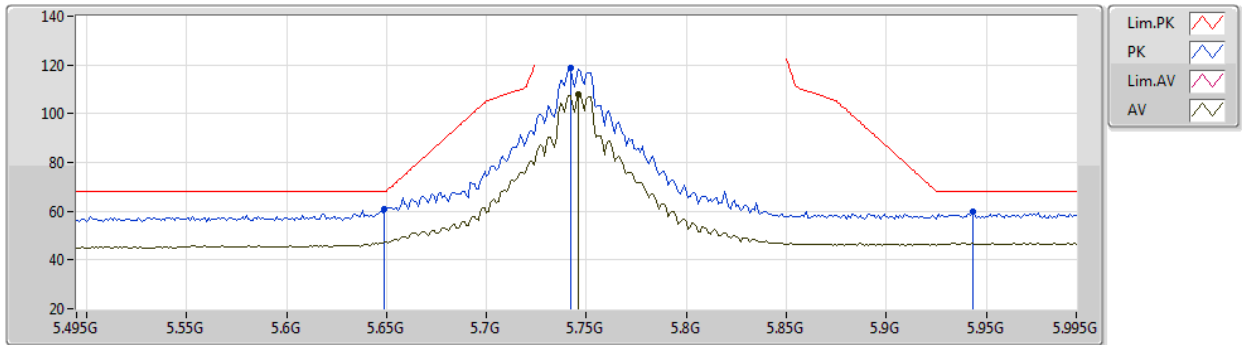
EUT Z_2TX
Setting 24
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.47986G	53.80	68.20	-14.40	43.16	3	Horizontal	359	2.34	-	38.46	7.47	35.29
PK	15.7178G	57.20	74.00	-16.80	44.72	3	Horizontal	146	2.43	-	38.24	9.24	35.00
AV	15.71784G	43.48	54.00	-10.52	31.00	3	Horizontal	146	2.43	-	38.24	9.24	35.00

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5745MHz_TX



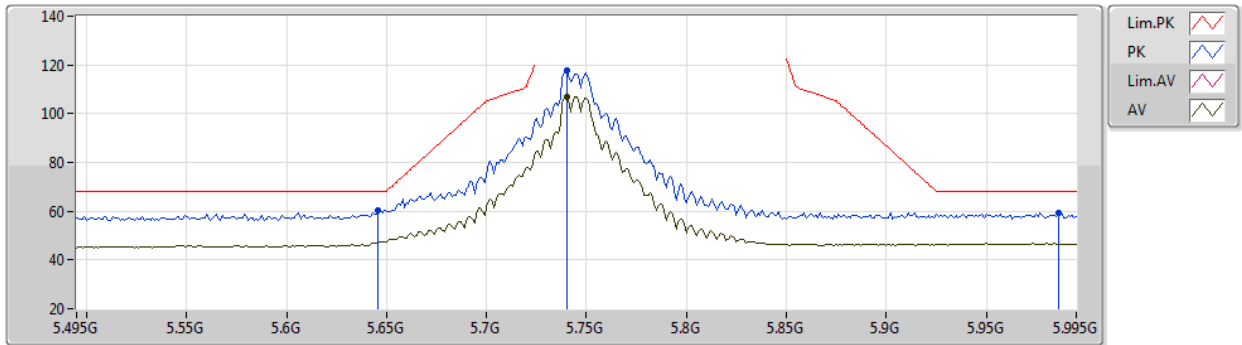
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Setting 24
01-A-K-3-10

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PK	5.649G	60.83	68.20	-7.37	55.91	3	Vertical	282	2.58	-	34.20	5.42	34.70
PK	5.742G	118.61	Inf	-Inf	113.56	3	Vertical	282	2.58	-	34.25	5.47	34.67
AV	5.746G	107.88	Inf	-Inf	102.80	3	Vertical	282	2.58	-	34.28	5.47	34.67
PK	5.943G	59.97	68.20	-8.23	53.92	3	Vertical	282	2.58	-	35.14	5.50	34.59

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5745MHz_TX



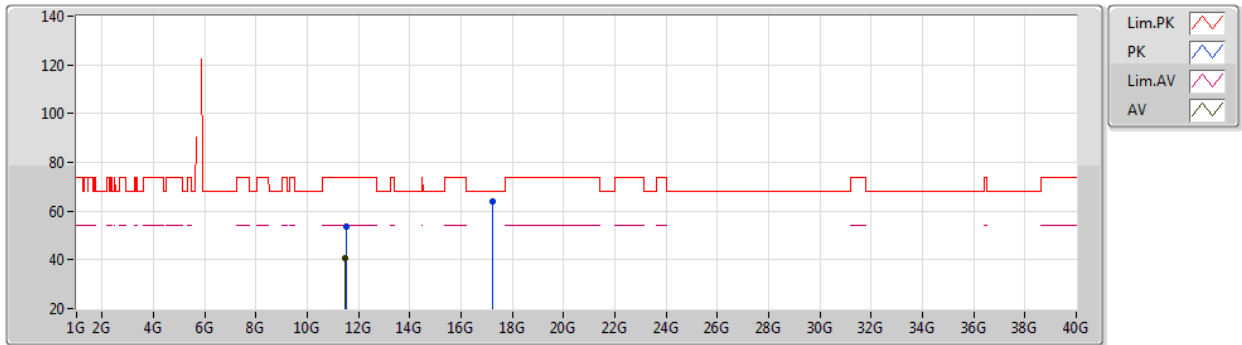
EUT Z_2TX
Setting 24
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.646G	60.37	68.20	-7.83	55.47	3	Horizontal	87	1.00	-	34.18	5.42	34.70
PK	5.74G	117.89	Inf	-Inf	112.85	3	Horizontal	87	1.00	-	34.24	5.47	34.67
AV	5.74G	107.15	Inf	-Inf	102.11	3	Horizontal	87	1.00	-	34.24	5.47	34.67
PK	5.986G	59.41	68.20	-8.79	53.22	3	Horizontal	87	1.00	-	35.27	5.50	34.58

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5745MHz_TX



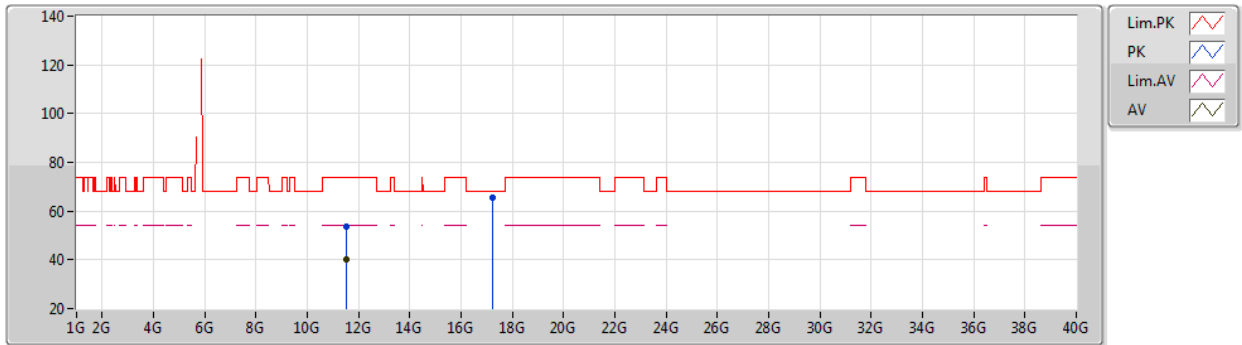
EUT_Z_2TX
Setting 24
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5145G	53.60	74.00	-20.40	42.20	3	Vertical	10	1.01	-	38.41	7.83	34.84
AV	11.49G	40.71	54.00	-13.29	29.31	3	Vertical	10	1.01	-	38.41	7.82	34.83
PK	17.2248G	64.02	68.20	-4.18	46.42	3	Vertical	22	1.00	-	41.72	9.73	33.85

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5745MHz_TX



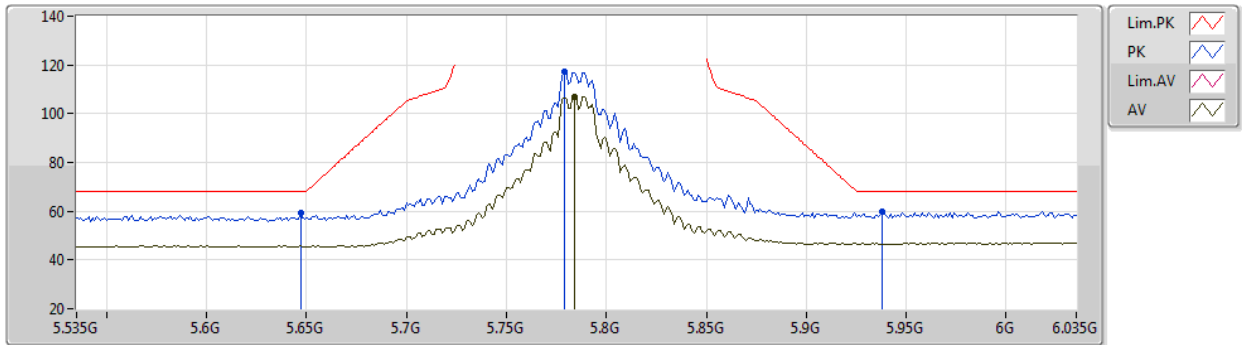
EUT_Z_2TX
Setting 24
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5016G	53.49	74.00	-20.51	42.09	3	Horizontal	341	1.80	-	38.40	7.83	34.83
AV	11.5118G	39.98	54.00	-14.02	28.57	3	Horizontal	341	1.80	-	38.41	7.83	34.83
PK	17.2316G	65.61	68.20	-2.59	48.01	3	Horizontal	135	1.92	-	41.73	9.73	33.86

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5785MHz_TX



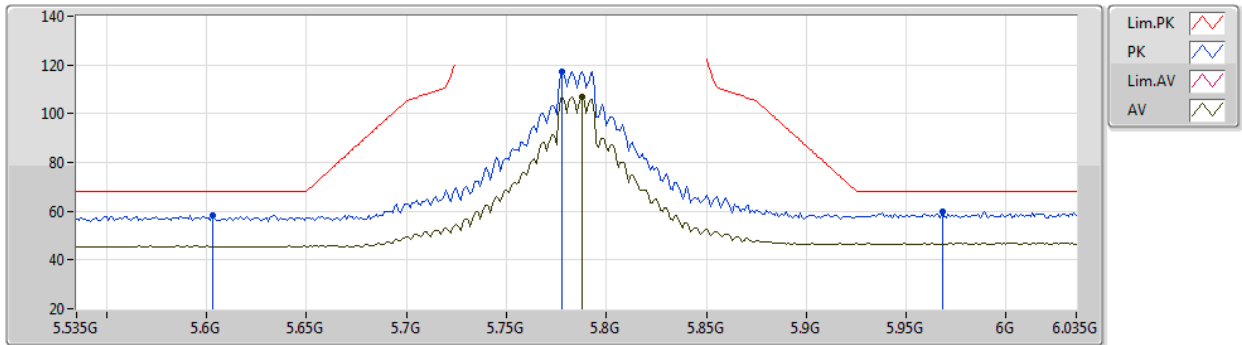
EUT Z_2TX
Setting 24
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.647G	59.26	68.20	-8.94	54.35	3	Vertical	284	2.68	-	34.19	5.42	34.70
PK	5.779G	117.38	Inf	-Inf	112.24	3	Vertical	284	2.68	-	34.30	5.49	34.65
AV	5.784G	107.11	Inf	-Inf	101.97	3	Vertical	284	2.68	-	34.30	5.49	34.65
PK	5.938G	59.79	68.20	-8.41	53.78	3	Vertical	284	2.68	-	35.10	5.50	34.59

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5785MHz_TX



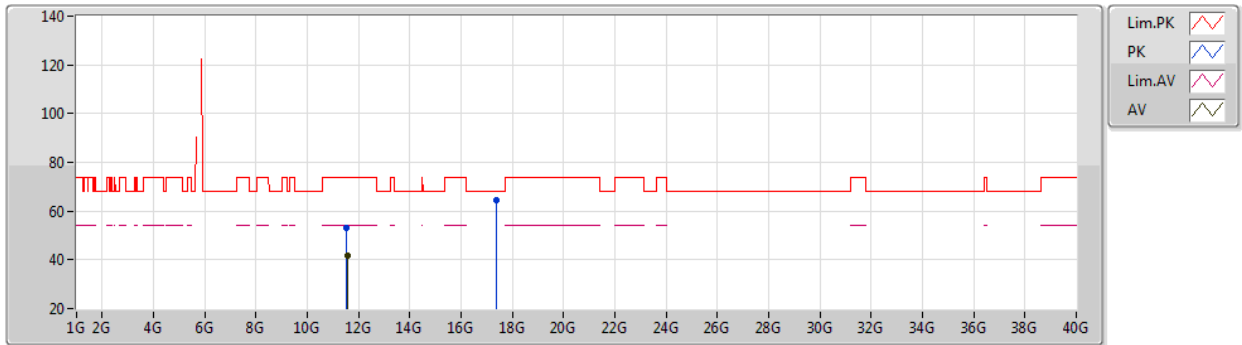
EUT Z_2TX
Setting 24
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.603G	58.20	68.20	-10.00	53.51	3	Horizontal	90	1.00	-	34.01	5.40	34.72
PK	5.778G	117.40	Inf	-Inf	112.26	3	Horizontal	90	1.00	-	34.30	5.49	34.65
AV	5.788G	107.04	Inf	-Inf	101.90	3	Horizontal	90	1.00	-	34.30	5.49	34.65
PK	5.968G	59.91	68.20	-8.29	53.75	3	Horizontal	90	1.00	-	35.24	5.50	34.58

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5785MHz_TX



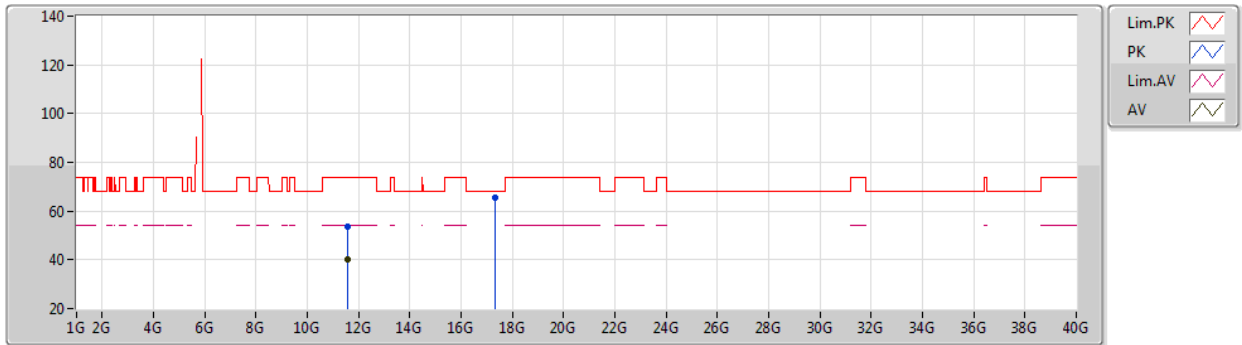
EUT Z_2TX
Setting 24
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5455G	53.36	74.00	-20.64	41.92	3	Vertical	0	2.33	-	38.45	7.84	34.85
AV	11.5699G	41.52	54.00	-12.48	30.06	3	Vertical	0	2.33	-	38.47	7.85	34.86
PK	17.3642G	64.35	68.20	-3.85	46.46	3	Vertical	352	1.91	-	42.06	9.78	33.95

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5785MHz_TX



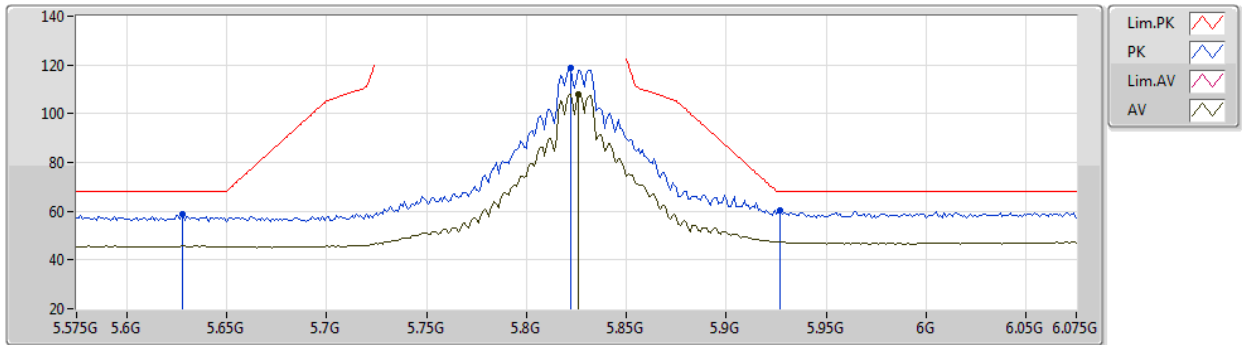
EUT Z_2TX
Setting 24
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5822G	53.38	74.00	-20.62	41.91	3	Horizontal	21	1.80	-	38.48	7.85	34.86
AV	11.5928G	40.14	54.00	-13.86	28.65	3	Horizontal	21	1.80	-	38.49	7.86	34.86
PK	17.3497G	65.39	68.20	-2.81	47.56	3	Horizontal	135	1.91	-	42.00	9.77	33.94

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5825MHz_TX



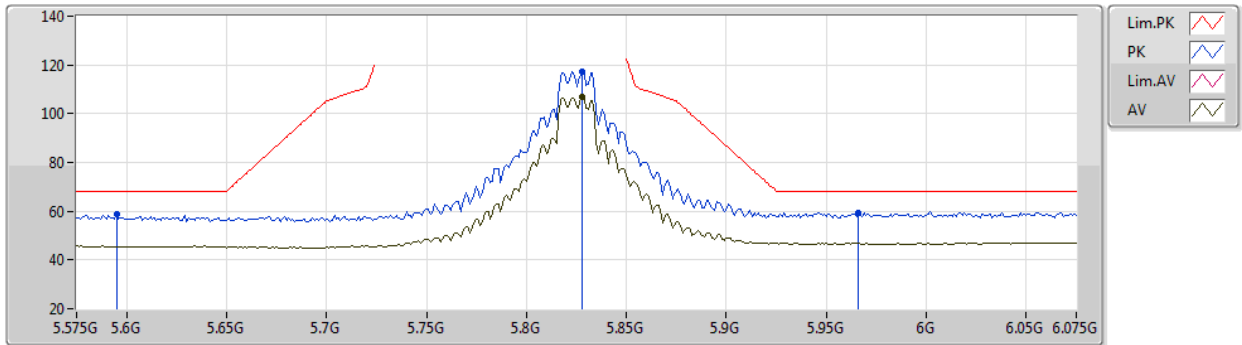
EUT Z_2TX
Setting 24
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.628G	58.55	68.20	-9.65	53.74	3	Vertical	283	2.65	-	34.11	5.41	34.71
PK	5.822G	118.82	Inf	-Inf	113.48	3	Vertical	283	2.65	-	34.48	5.50	34.64
AV	5.826G	107.86	Inf	-Inf	102.49	3	Vertical	283	2.65	-	34.51	5.50	34.64
PK	5.927G	60.30	68.20	-7.90	54.38	3	Vertical	283	2.65	-	35.02	5.50	34.60

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5825MHz_TX



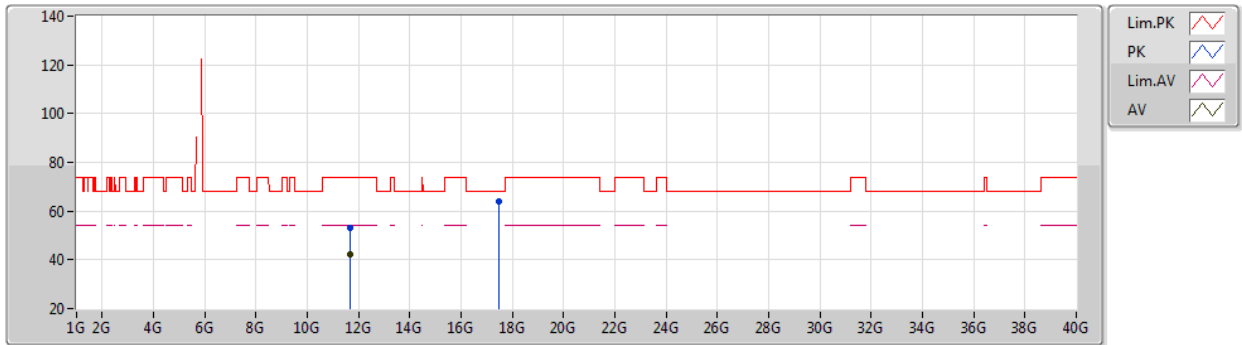
EUT Z_2TX
Setting 24
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.595G	58.54	68.20	-9.66	53.87	3	Horizontal	14	1.00	-	33.99	5.40	34.72
PK	5.828G	117.26	Inf	-Inf	111.88	3	Horizontal	14	1.00	-	34.52	5.50	34.64
AV	5.828G	107.08	Inf	-Inf	101.70	3	Horizontal	14	1.00	-	34.52	5.50	34.64
PK	5.966G	59.40	68.20	-8.80	53.25	3	Horizontal	14	1.00	-	35.23	5.50	34.58

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5825MHz_TX



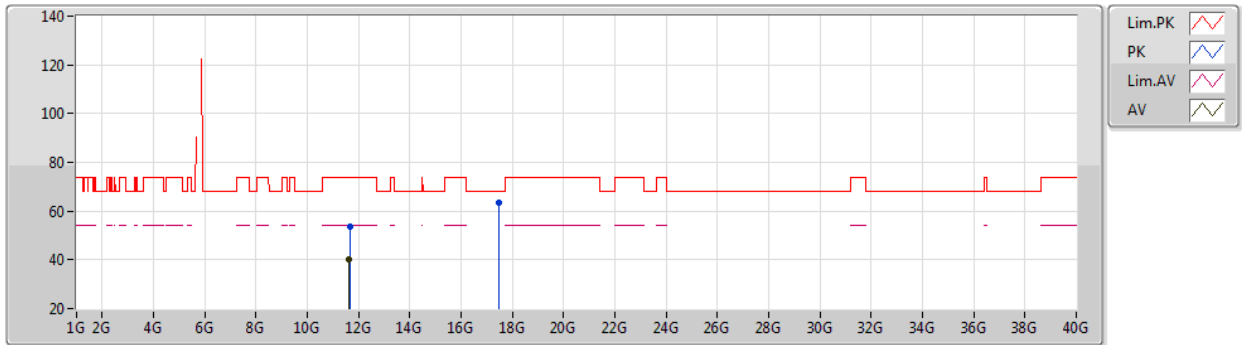
EUT Z_2TX
Setting 24
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.6598G	53.08	74.00	-20.92	41.59	3	Vertical	360	2.27	-	38.50	7.88	34.89
AV	11.65812G	42.10	54.00	-11.90	30.61	3	Vertical	360	2.27	-	38.50	7.88	34.89
PK	17.4788G	64.22	68.20	-3.98	46.31	3	Vertical	350	1.92	-	42.12	9.82	34.03

802.11a_Nss1,(6Mbps)_2TX

08/10/2020

5825MHz_TX



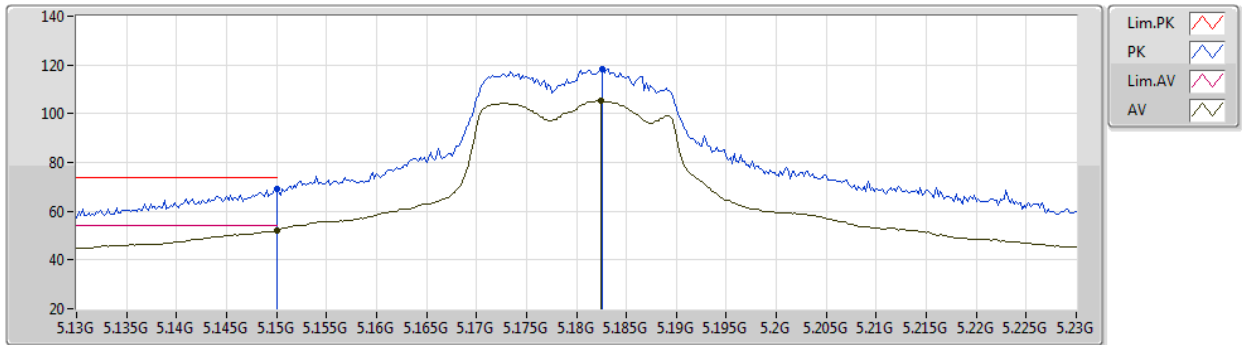
EUT_Z_2TX
Setting 24
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.64842G	53.58	74.00	-20.42	42.08	3	Horizontal	188	2.44	-	38.50	7.88	34.88
AV	11.64598G	40.14	54.00	-13.86	28.64	3	Horizontal	188	2.44	-	38.50	7.88	34.88
PK	17.4866G	63.35	68.20	-4.85	45.46	3	Horizontal	103	1.80	-	42.11	9.82	34.04

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5180MHz_TX



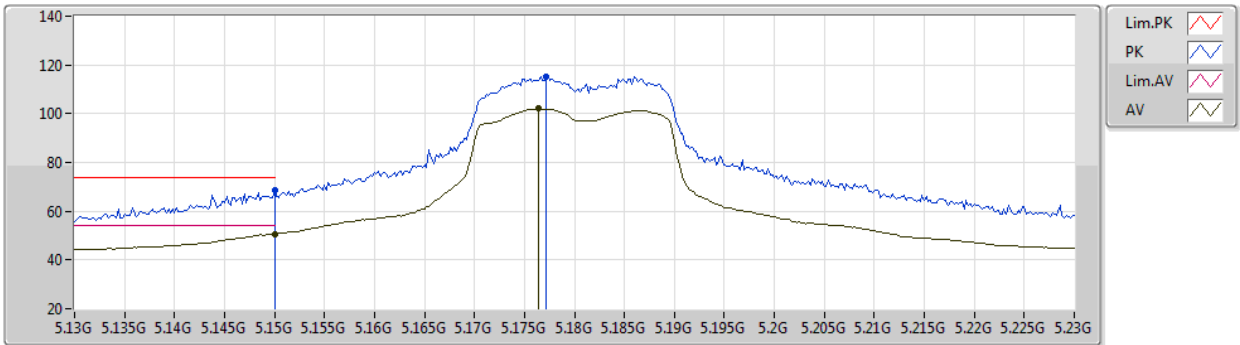
EUT Z_2TX
Setting 20.5
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	69.38	74.00	-4.62	66.14	3	Vertical	98	2.55	-	32.70	5.17	34.63
AV	5.15G	52.15	54.00	-1.85	48.91	3	Vertical	98	2.55	-	32.70	5.17	34.63
PK	5.1826G	118.07	Inf	-Inf	114.76	3	Vertical	98	2.55	-	32.77	5.19	34.65
AV	5.1824G	105.17	Inf	-Inf	101.87	3	Vertical	98	2.55	-	32.76	5.19	34.65

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5180MHz_TX



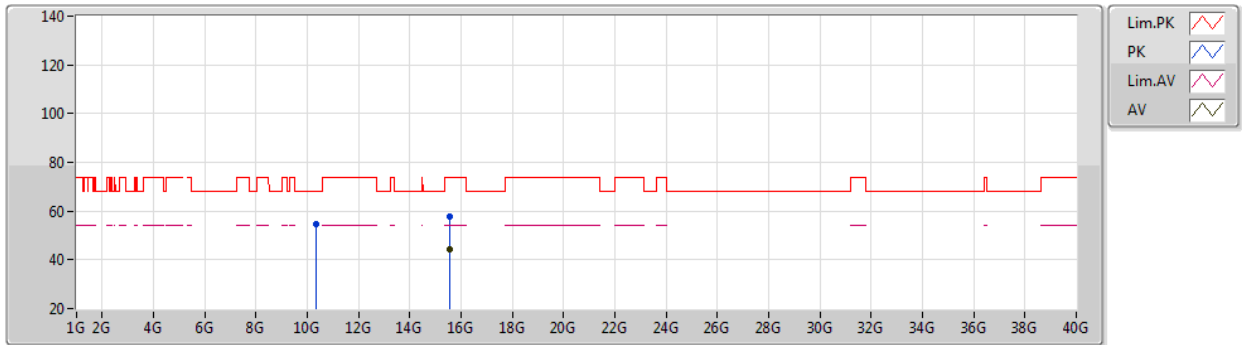
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Setting 20.5
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	68.49	74.00	-5.51	65.25	3	Horizontal	75	1.16	-	32.70	5.17	34.63
AV	5.15G	50.73	54.00	-3.27	47.49	3	Horizontal	75	1.16	-	32.70	5.17	34.63
PK	5.1772G	115.19	Inf	-Inf	111.89	3	Horizontal	75	1.16	-	32.75	5.19	34.64
AV	5.1764G	102.12	Inf	-Inf	98.82	3	Horizontal	75	1.16	-	32.75	5.19	34.64

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5180MHz_TX



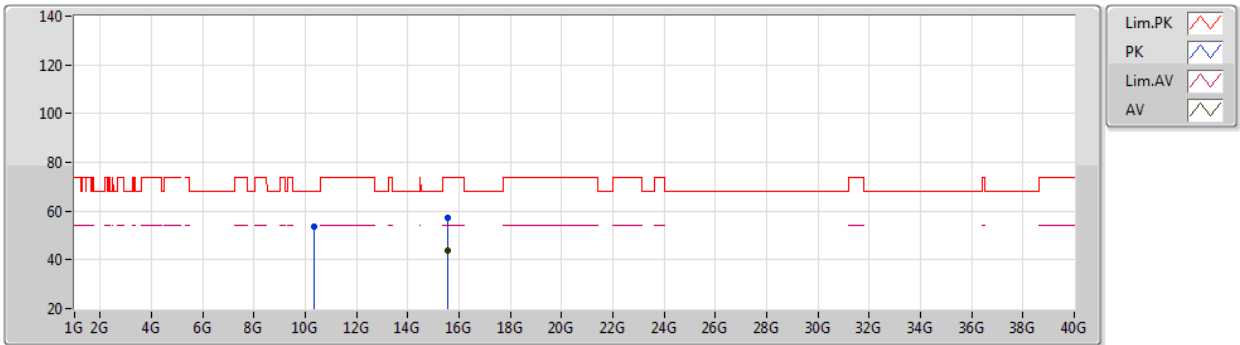
EUT Z_2TX
Setting 20.5
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.35996G	54.72	68.20	-13.48	44.41	3	Vertical	86	2.33	-	38.26	7.43	35.38
PK	15.53912G	57.65	74.00	-16.35	45.20	3	Vertical	197	2.63	-	38.06	9.21	34.82
AV	15.54016G	44.08	54.00	-9.92	31.63	3	Vertical	197	2.63	-	38.06	9.21	34.82

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5180MHz_TX



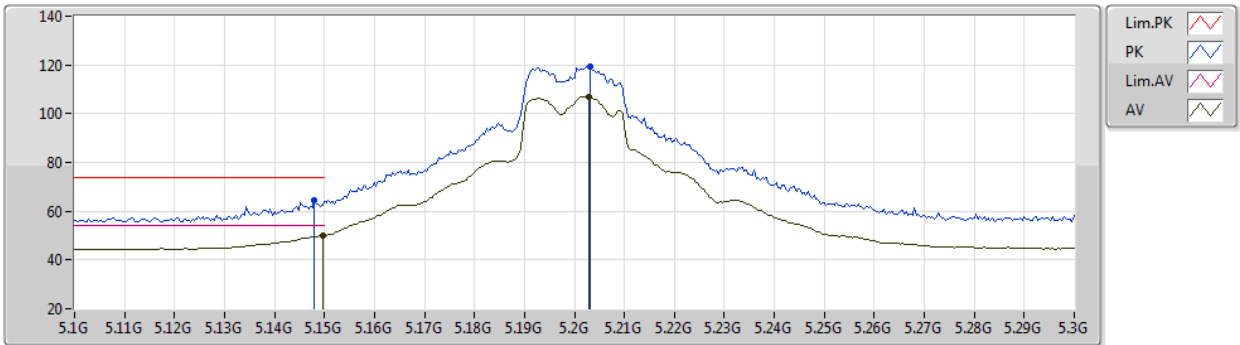
EUT Z_2TX
Setting 20.5
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.35502G	53.51	68.20	-14.69	43.21	3	Horizontal	76	1.80	-	38.26	7.42	35.38
PK	15.53646G	57.46	74.00	-16.54	45.01	3	Horizontal	210	1.84	-	38.06	9.21	34.82
AV	15.53756G	43.91	54.00	-10.09	31.46	3	Horizontal	210	1.84	-	38.06	9.21	34.82

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5200MHz_TX



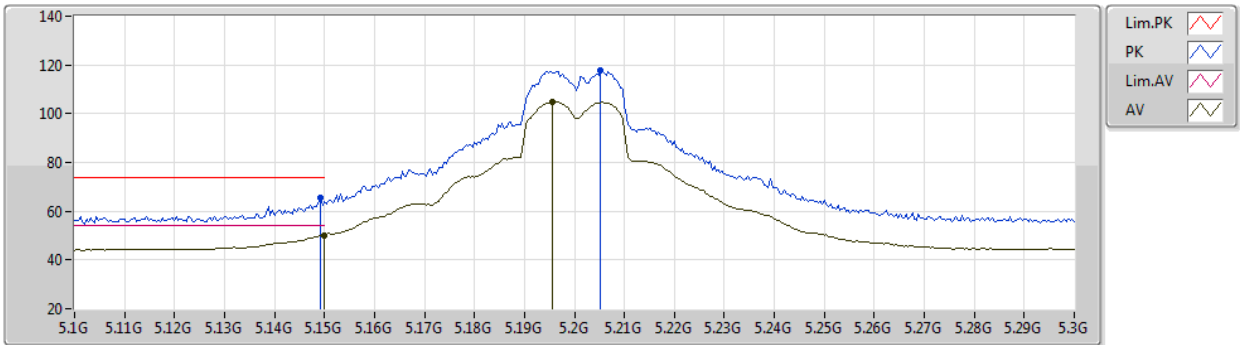
EUT Z_2TX
Setting 22
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.148G	64.53	74.00	-9.47	61.29	3	Vertical	97	2.78	-	32.70	5.17	34.63
AV	5.1496G	50.08	54.00	-3.92	46.84	3	Vertical	97	2.78	-	32.70	5.17	34.63
PK	5.2032G	119.46	Inf	-Inf	116.10	3	Vertical	97	2.78	-	32.81	5.20	34.65
AV	5.2028G	107.01	Inf	-Inf	103.65	3	Vertical	97	2.78	-	32.81	5.20	34.65

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5200MHz_TX



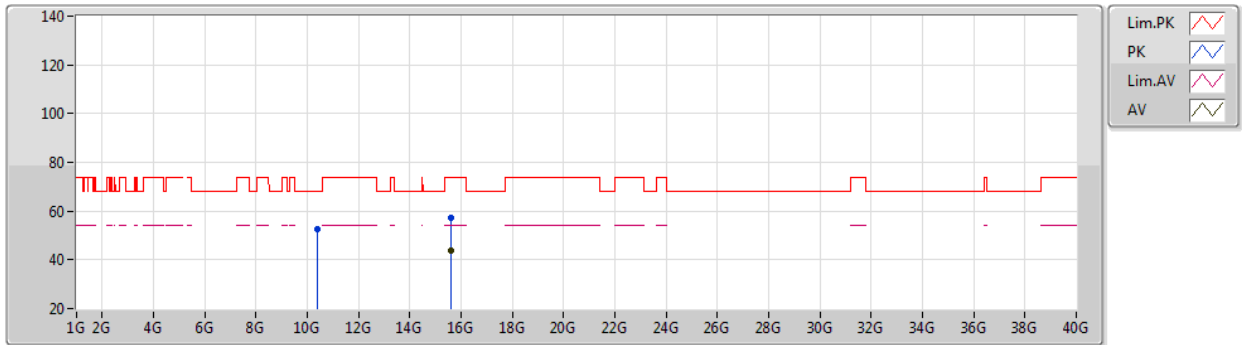
EUT_Z_2TX
Setting 22
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1492G	65.37	74.00	-8.63	62.13	3	Horizontal	72	1.03	-	32.70	5.17	34.63
AV	5.15G	50.24	54.00	-3.76	47.00	3	Horizontal	72	1.03	-	32.70	5.17	34.63
PK	5.2052G	117.59	Inf	-Inf	114.22	3	Horizontal	72	1.03	-	32.81	5.21	34.65
AV	5.1956G	104.92	Inf	-Inf	101.58	3	Horizontal	72	1.03	-	32.79	5.20	34.65

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5200MHz_TX



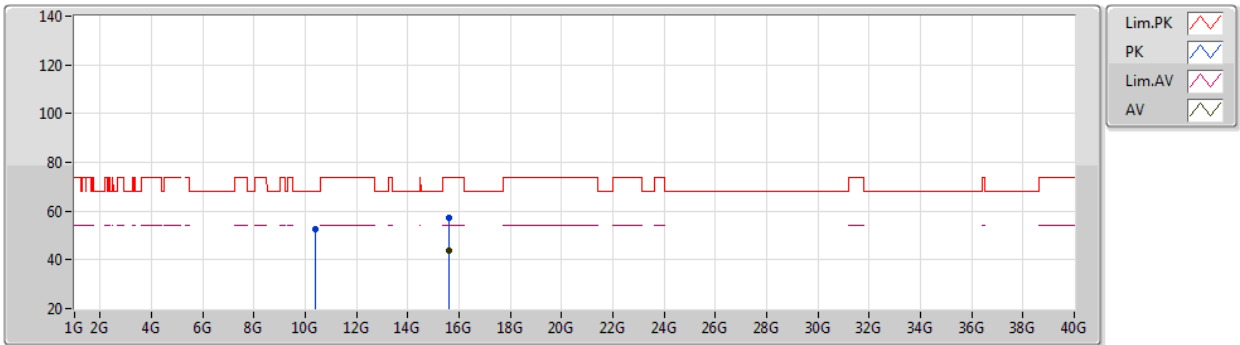
EUT Z_2TX
Setting 22
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.39724G	52.51	68.20	-15.69	42.12	3	Vertical	60	1.65	-	38.30	7.44	35.35
PK	15.59648G	57.19	74.00	-16.81	44.85	3	Vertical	153	2.47	-	38.00	9.22	34.88
AV	15.59978G	43.90	54.00	-10.10	31.56	3	Vertical	153	2.47	-	38.00	9.22	34.88

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5200MHz_TX



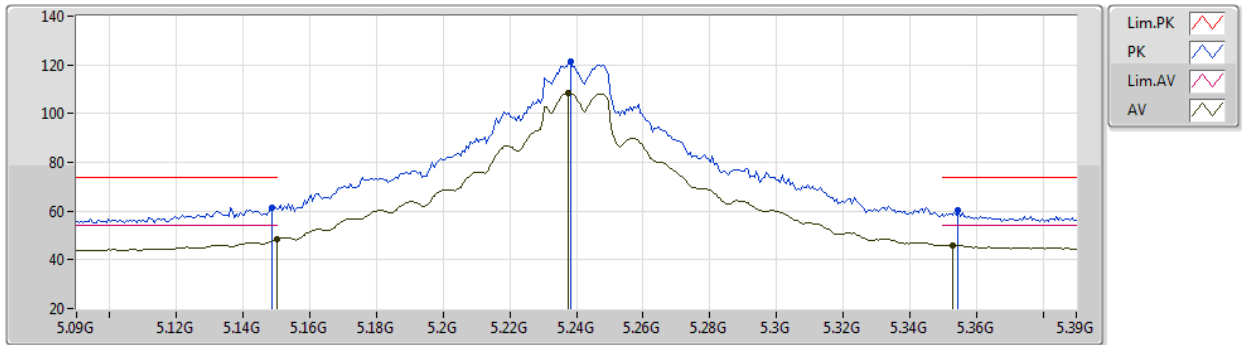
EUT Z_2TX
Setting 22
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.3987G	52.74	68.20	-15.46	42.35	3	Horizontal	65	2.22	-	38.30	7.44	35.35
PK	15.60304G	57.48	74.00	-16.52	45.14	3	Horizontal	172	2.47	-	38.01	9.22	34.89
AV	15.59958G	43.57	54.00	-10.43	31.23	3	Horizontal	172	2.47	-	38.00	9.22	34.88

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5240MHz_TX



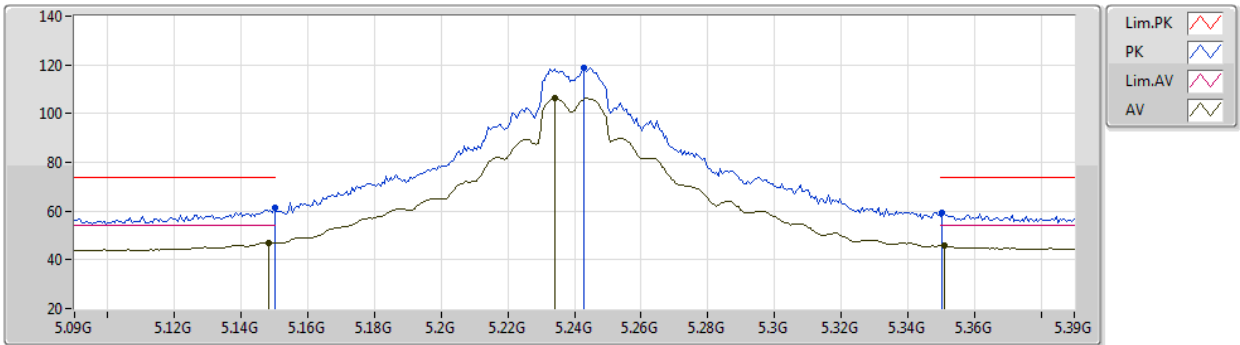
EUT Z_2TX
Setting 24
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1488G	61.29	74.00	-12.71	58.05	3	Vertical	98	2.63	-	32.70	5.17	34.63
AV	5.15G	48.44	54.00	-5.56	45.20	3	Vertical	98	2.63	-	32.70	5.17	34.63
PK	5.2382G	121.13	Inf	-Inf	117.68	3	Vertical	98	2.63	-	32.88	5.24	34.67
AV	5.2376G	108.49	Inf	-Inf	105.04	3	Vertical	98	2.63	-	32.88	5.24	34.67
PK	5.3546G	60.12	74.00	-13.88	56.37	3	Vertical	98	2.63	-	33.11	5.35	34.71
AV	5.3528G	45.97	54.00	-8.03	42.22	3	Vertical	98	2.63	-	33.11	5.35	34.71

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5240MHz_TX



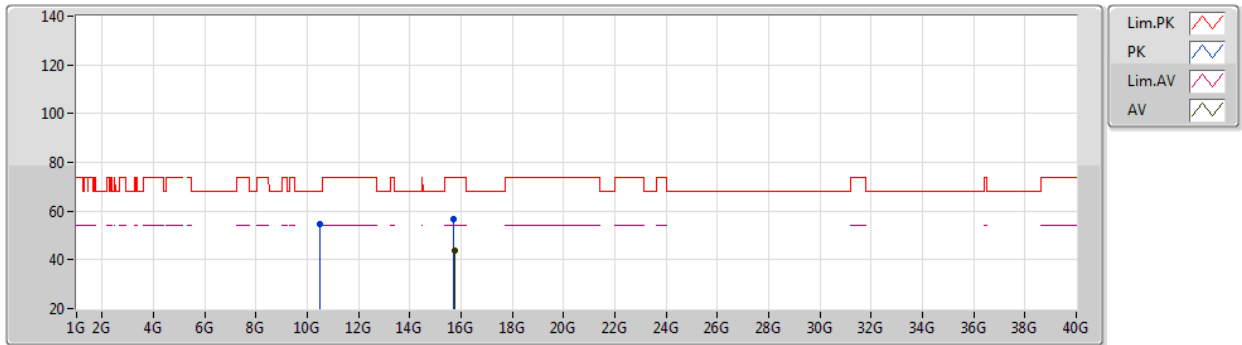
EUT Z_2TX
Setting 24
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	61.31	74.00	-12.69	58.07	3	Horizontal	80	2.51	-	32.70	5.17	34.63
AV	5.1482G	47.13	54.00	-6.87	43.89	3	Horizontal	80	2.51	-	32.70	5.17	34.63
PK	5.243G	118.74	Inf	-Inf	115.28	3	Horizontal	80	2.51	-	32.89	5.24	34.67
AV	5.234G	106.20	Inf	-Inf	102.76	3	Horizontal	80	2.51	-	32.87	5.23	34.66
PK	5.3504G	59.47	74.00	-14.53	55.73	3	Horizontal	80	2.51	-	33.10	5.35	34.71
AV	5.351G	45.82	54.00	-8.18	42.08	3	Horizontal	80	2.51	-	33.10	5.35	34.71

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5240MHz_TX



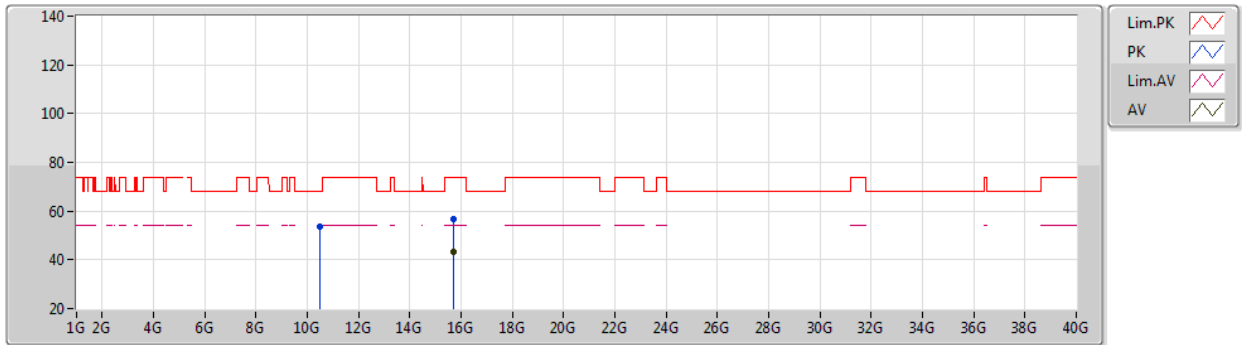
EUT Z_2TX
Setting 24
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.4799G	54.62	68.20	-13.58	43.98	3	Vertical	83	2.13	-	38.46	7.47	35.29
PK	15.72602G	56.61	74.00	-17.39	44.12	3	Vertical	291	2.47	-	38.25	9.25	35.01
AV	15.7298G	43.74	54.00	-10.26	31.24	3	Vertical	291	2.47	-	38.26	9.25	35.01

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5240MHz_TX



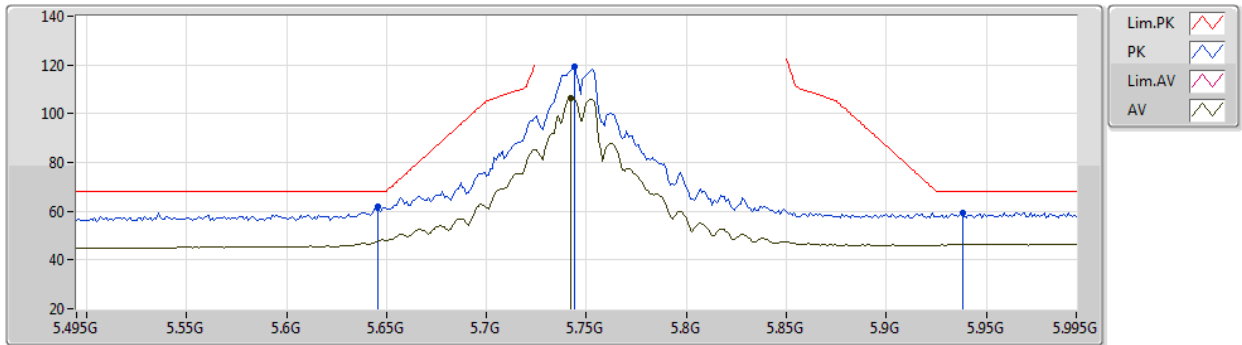
EUT Z_2TX
Setting 24
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.48366G	53.37	68.20	-14.83	42.71	3	Horizontal	217	1.00	-	38.47	7.47	35.28
PK	15.72788G	56.62	74.00	-17.38	44.12	3	Horizontal	287	1.33	-	38.26	9.25	35.01
AV	15.72668G	43.37	54.00	-10.63	30.88	3	Horizontal	287	1.33	-	38.25	9.25	35.01

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5745MHz_TX



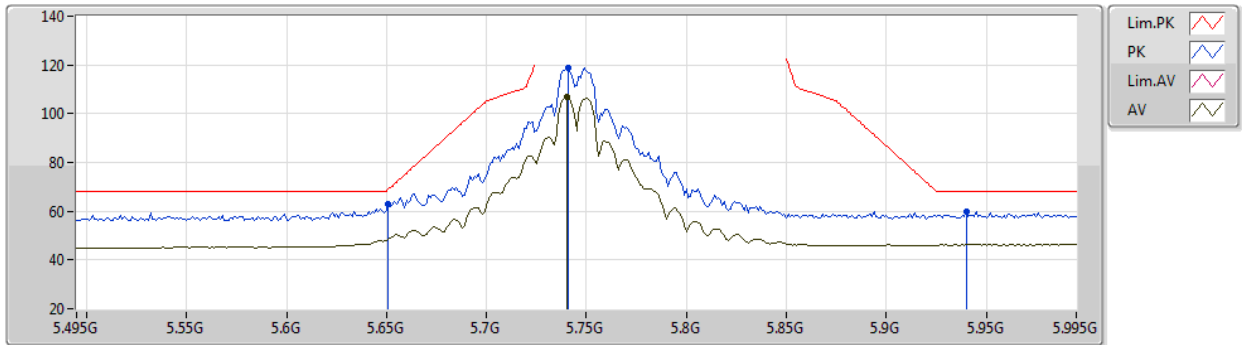
EUT Z_2TX
Setting 24
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.646G	61.71	68.20	-6.49	56.81	3	Vertical	284	2.59	-	34.18	5.42	34.70
PK	5.744G	119.36	Inf	-Inf	114.30	3	Vertical	284	2.59	-	34.26	5.47	34.67
AV	5.742G	106.62	Inf	-Inf	101.57	3	Vertical	284	2.59	-	34.25	5.47	34.67
PK	5.938G	59.52	68.20	-8.68	53.51	3	Vertical	284	2.59	-	35.10	5.50	34.59

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5745MHz_TX



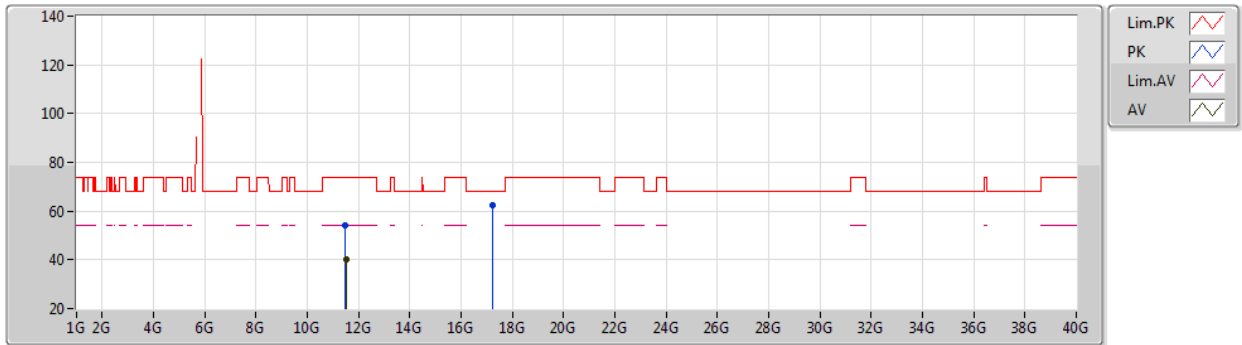
EUT_Z_2TX
Setting 24
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.651G	62.76	68.94	-6.18	57.83	3	Horizontal	89	1.00	-	34.20	5.43	34.70
PK	5.741G	118.95	Inf	-Inf	113.90	3	Horizontal	89	1.00	-	34.25	5.47	34.67
AV	5.74G	106.69	Inf	-Inf	101.65	3	Horizontal	89	1.00	-	34.24	5.47	34.67
PK	5.94G	59.76	68.20	-8.44	53.73	3	Horizontal	89	1.00	-	35.12	5.50	34.59

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5745MHz_TX



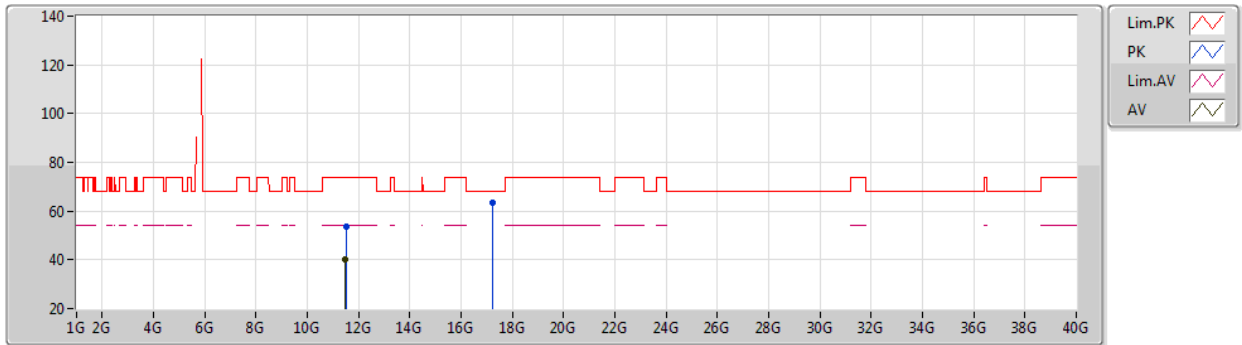
EUT Z_2TX
Setting 24
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.48604G	54.36	74.00	-19.64	42.96	3	Vertical	298	2.32	-	38.41	7.82	34.83
AV	11.50035G	40.40	54.00	-13.60	29.00	3	Vertical	298	2.32	-	38.40	7.83	34.83
PK	17.24391G	62.53	68.20	-5.67	44.92	3	Vertical	29	1.80	-	41.74	9.74	33.87

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5745MHz_TX



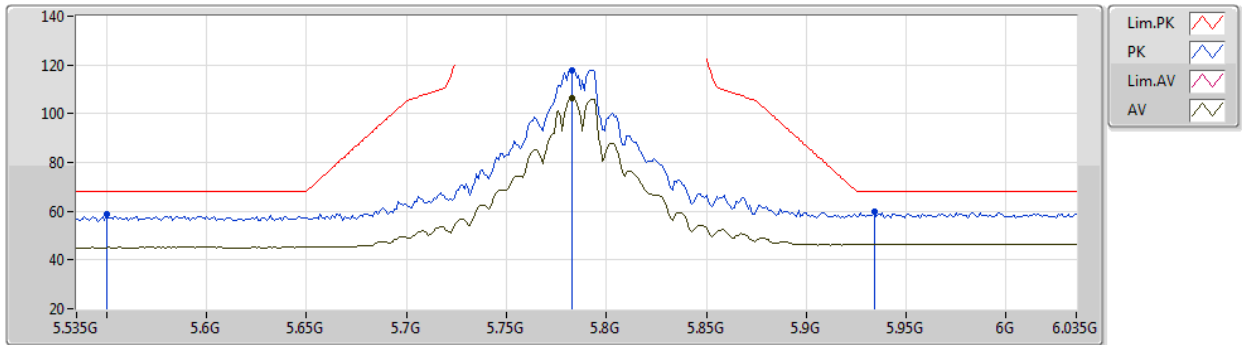
EUT_Z_2TX
Setting 24
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.50575G	53.87	74.00	-20.13	42.46	3	Horizontal	311	2.42	-	38.41	7.83	34.83
AV	11.49G	40.42	54.00	-13.58	29.02	3	Horizontal	311	2.42	-	38.41	7.82	34.83
PK	17.22492G	63.38	68.20	-4.82	45.78	3	Horizontal	134	1.90	-	41.72	9.73	33.85

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5785MHz_TX



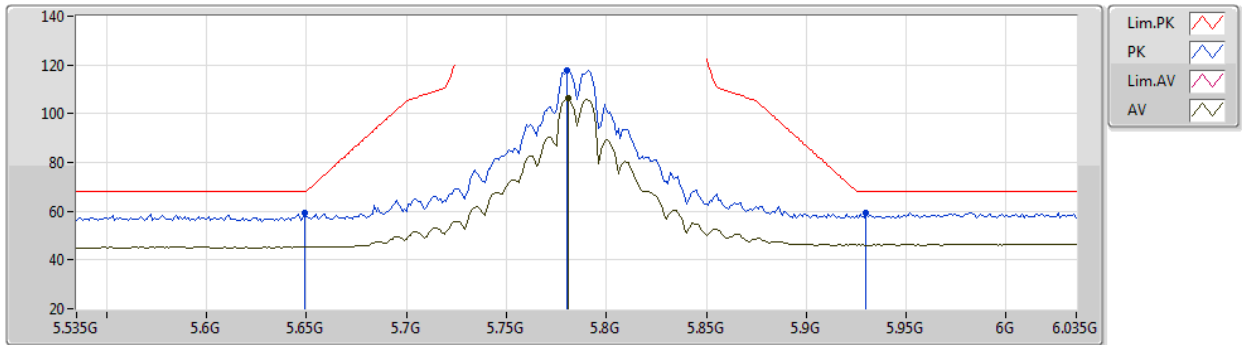
EUT_Z_2TX
Setting 24
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.55G	58.72	68.20	-9.48	54.16	3	Vertical	283	2.70	-	33.90	5.40	34.74
PK	5.783G	117.80	Inf	-Inf	112.66	3	Vertical	283	2.70	-	34.30	5.49	34.65
AV	5.783G	106.40	Inf	-Inf	101.26	3	Vertical	283	2.70	-	34.30	5.49	34.65
PK	5.934G	60.04	68.20	-8.16	54.07	3	Vertical	283	2.70	-	35.07	5.50	34.60

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5785MHz_TX



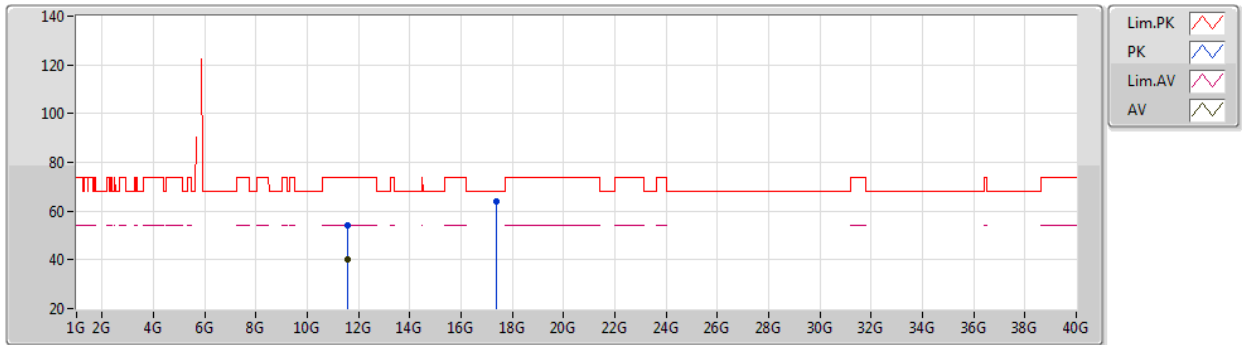
EUT Z_2TX
Setting 24
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.649G	59.13	68.20	-9.07	54.21	3	Horizontal	90	1.00	-	34.20	5.42	34.70
PK	5.78G	117.76	Inf	-Inf	112.62	3	Horizontal	90	1.00	-	34.30	5.49	34.65
AV	5.781G	106.13	Inf	-Inf	100.99	3	Horizontal	90	1.00	-	34.30	5.49	34.65
PK	5.93G	59.17	68.20	-9.03	53.23	3	Horizontal	90	1.00	-	35.04	5.50	34.60

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5785MHz_TX



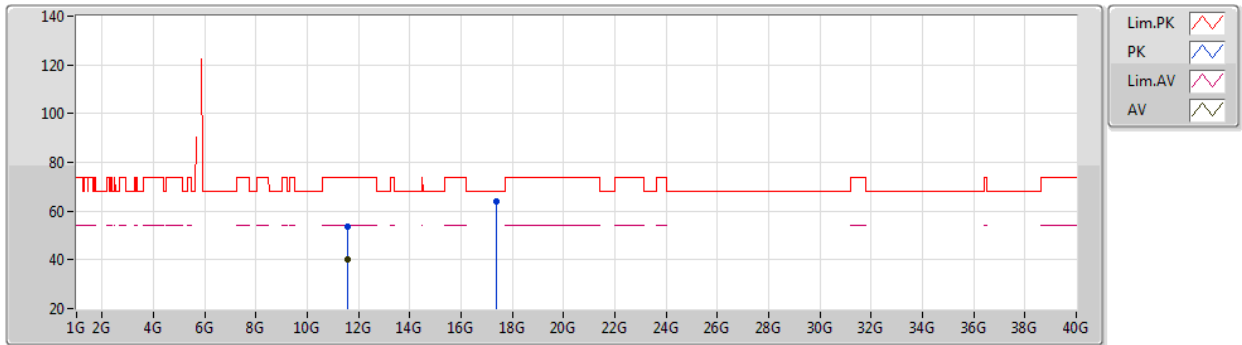
EUT Z_2TX
Setting 24
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.58062G	54.18	74.00	-19.82	42.71	3	Vertical	178	2.36	-	38.48	7.85	34.86
AV	11.57072G	40.13	54.00	-13.87	28.67	3	Vertical	178	2.36	-	38.47	7.85	34.86
PK	17.35362G	63.72	68.20	-4.48	45.88	3	Vertical	351	1.87	-	42.01	9.77	33.94

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5785MHz_TX



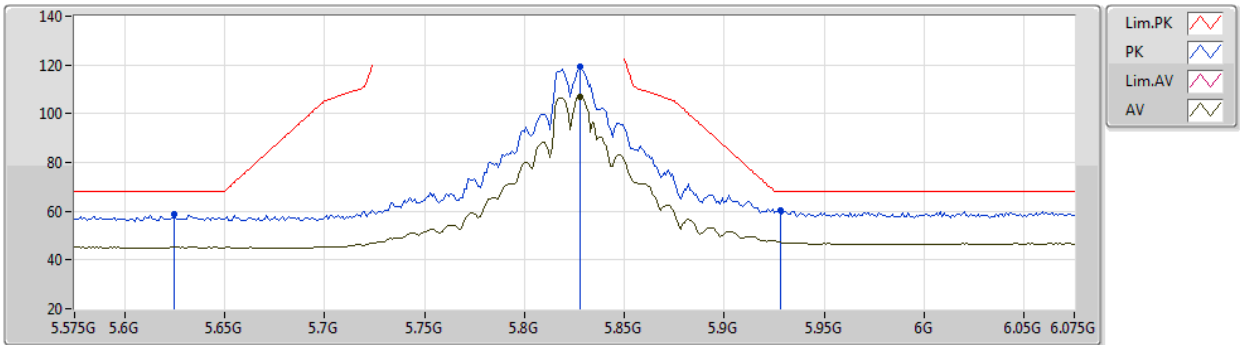
EUT_Z_2TX
Setting 24
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.58278G	53.47	74.00	-20.53	42.00	3	Horizontal	166	2.99	-	38.48	7.85	34.86
AV	11.56976G	40.11	54.00	-13.89	28.65	3	Horizontal	166	2.99	-	38.47	7.85	34.86
PK	17.365G	64.15	68.20	-4.05	46.26	3	Horizontal	134	1.91	-	42.06	9.78	33.95

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5825MHz_TX



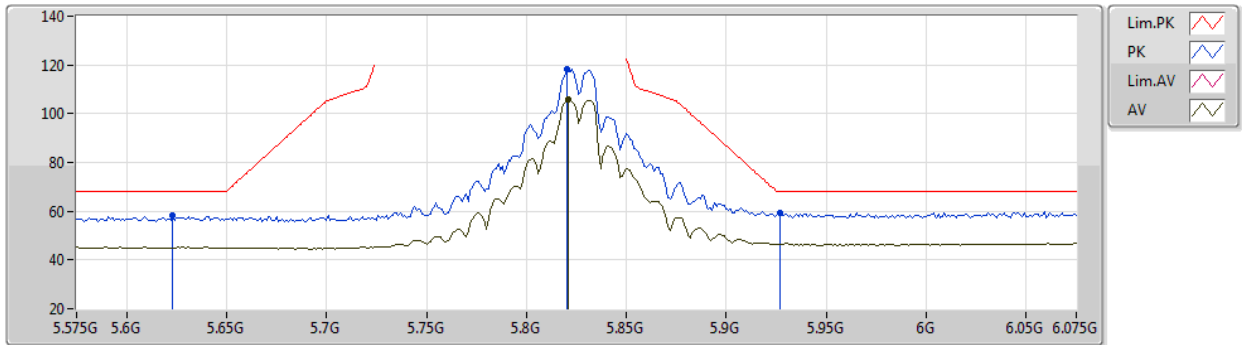
EUT Z_2TX
Setting 24
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.625G	58.64	68.20	-9.56	53.84	3	Vertical	282	2.65	-	34.10	5.41	34.71
PK	5.828G	119.16	Inf	-Inf	113.78	3	Vertical	282	2.65	-	34.52	5.50	34.64
AV	5.828G	106.94	Inf	-Inf	101.56	3	Vertical	282	2.65	-	34.52	5.50	34.64
PK	5.928G	60.36	68.20	-7.84	54.44	3	Vertical	282	2.65	-	35.02	5.50	34.60

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5825MHz_TX



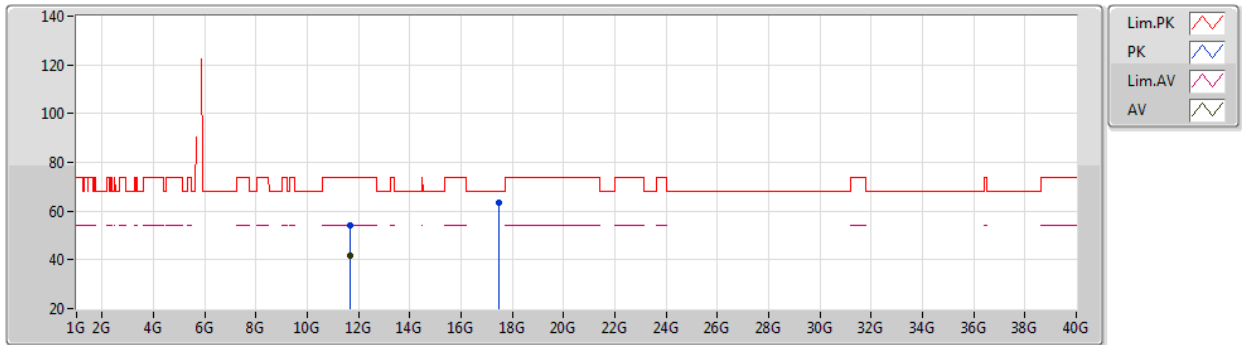
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Setting 24
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.623G	58.20	68.20	-10.00	53.41	3	Horizontal	15	1.00	-	34.09	5.41	34.71
PK	5.82G	118.20	Inf	-Inf	112.88	3	Horizontal	15	1.00	-	34.46	5.50	34.64
AV	5.821G	105.67	Inf	-Inf	100.34	3	Horizontal	15	1.00	-	34.47	5.50	34.64
PK	5.927G	59.23	68.20	-8.97	53.31	3	Horizontal	15	1.00	-	35.02	5.50	34.60

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5825MHz_TX



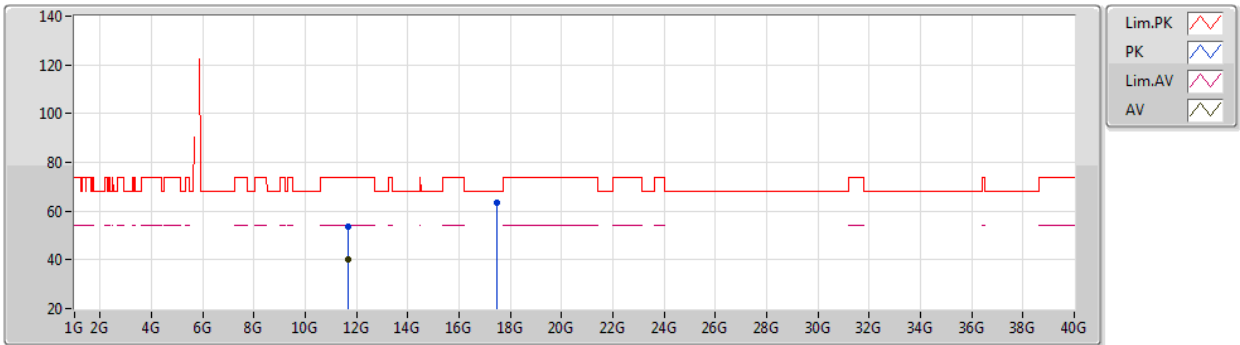
EUT Z_2TX
Setting 24
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65768G	54.09	74.00	-19.91	42.60	3	Vertical	0	2.26	-	38.50	7.88	34.89
AV	11.64994G	41.59	54.00	-12.41	30.09	3	Vertical	0	2.26	-	38.50	7.88	34.88
PK	17.47098G	63.34	68.20	-4.86	45.43	3	Vertical	351	1.88	-	42.13	9.81	34.03

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5825MHz_TX



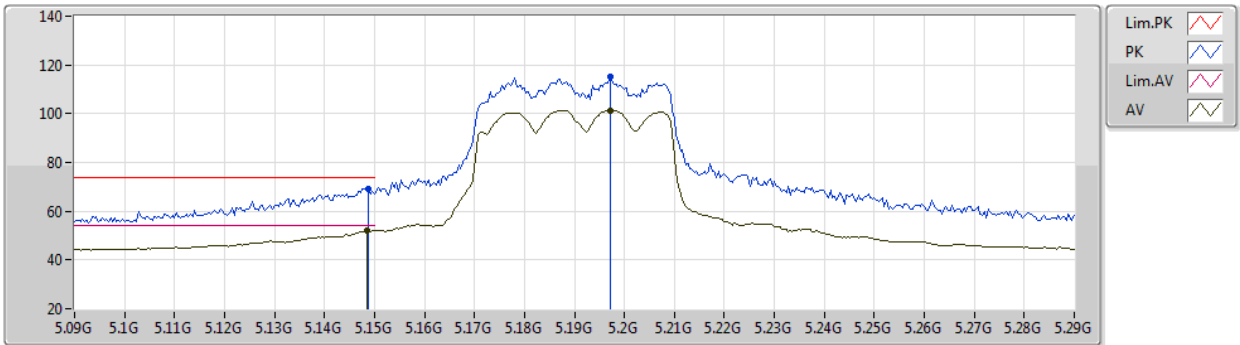
EUT_Z_2TX
Setting 24
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65124G	53.67	74.00	-20.33	42.17	3	Horizontal	25	1.00	-	38.50	7.88	34.88
AV	11.64998G	40.26	54.00	-13.74	28.76	3	Horizontal	25	1.00	-	38.50	7.88	34.88
PK	17.47212G	63.41	68.20	-4.79	45.49	3	Horizontal	149	1.94	-	42.13	9.82	34.03

802.11ax HEW40_Nss1,(MCS0)_2TX

08/10/2020

5190MHz_TX



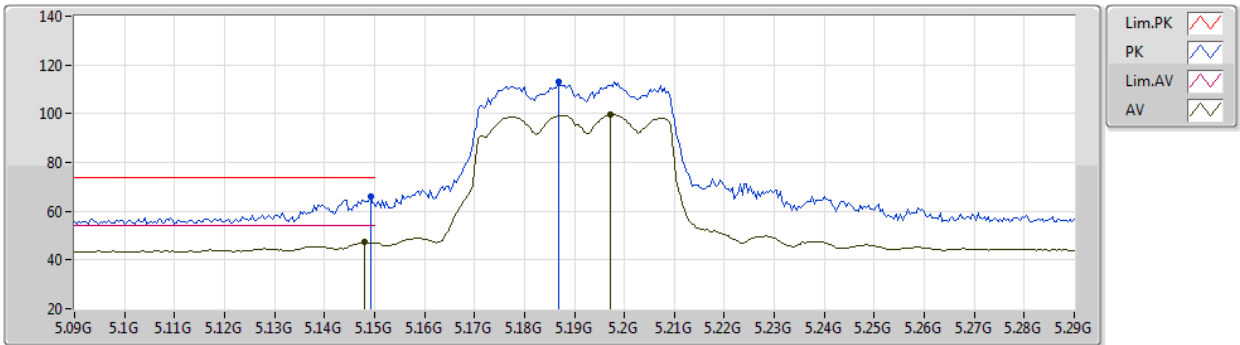
EUT Z_2TX
Setting 19
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1488G	69.32	74.00	-4.68	66.08	3	Vertical	97	2.80	-	32.70	5.17	34.63
AV	5.1484G	51.93	54.00	-2.07	48.69	3	Vertical	97	2.80	-	32.70	5.17	34.63
PK	5.1972G	115.14	Inf	-Inf	111.80	3	Vertical	97	2.80	-	32.79	5.20	34.65
AV	5.1972G	101.46	Inf	-Inf	98.12	3	Vertical	97	2.80	-	32.79	5.20	34.65

802.11ax HEW40_Nss1,(MCS0)_2TX

08/10/2020

5190MHz_TX



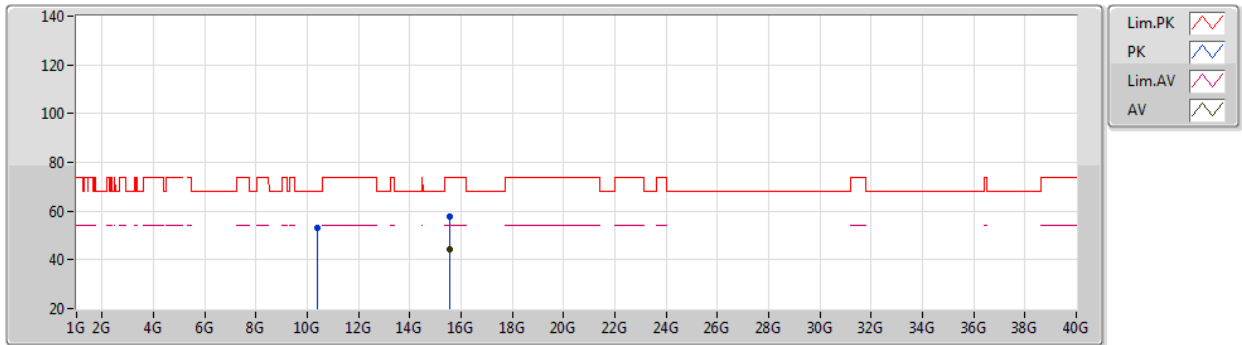
EUT Z_2TX
Setting 19
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1492G	66.19	74.00	-7.81	62.95	3	Horizontal	24	2.61	-	32.70	5.17	34.63
AV	5.148G	47.45	54.00	-6.55	44.21	3	Horizontal	24	2.61	-	32.70	5.17	34.63
PK	5.1868G	112.96	Inf	-Inf	109.65	3	Horizontal	24	2.61	-	32.77	5.19	34.65
AV	5.1972G	99.55	Inf	-Inf	96.21	3	Horizontal	24	2.61	-	32.79	5.20	34.65

802.11ax HEW40_Nss1,(MCS0)_2TX

08/10/2020

5190MHz_TX



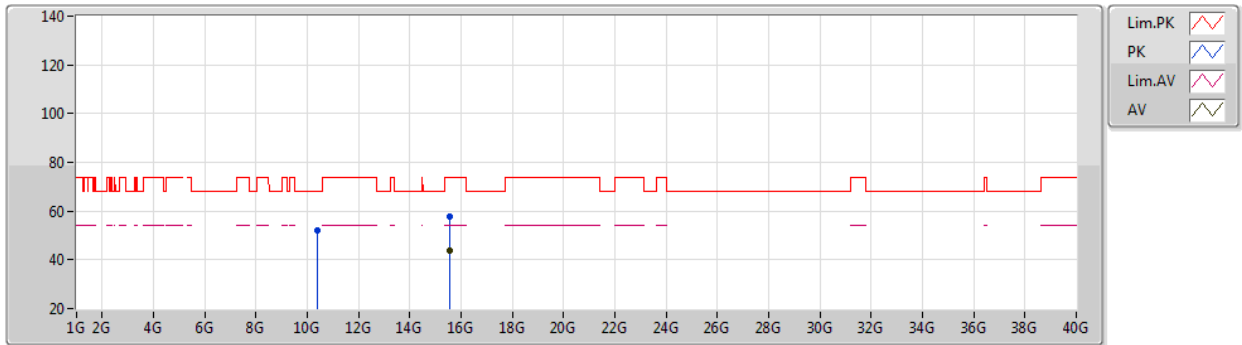
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Setting 19
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.38006G	52.87	68.20	-15.33	42.52	3	Vertical	113	1.93	-	38.28	7.43	35.36
PK	15.5798G	57.99	74.00	-16.01	45.61	3	Vertical	116	1.80	-	38.02	9.22	34.86
AV	15.5742G	44.31	54.00	-9.69	31.93	3	Vertical	116	1.80	-	38.03	9.21	34.86

802.11ax HEW40_Nss1,(MCS0)_2TX

08/10/2020

5190MHz_TX



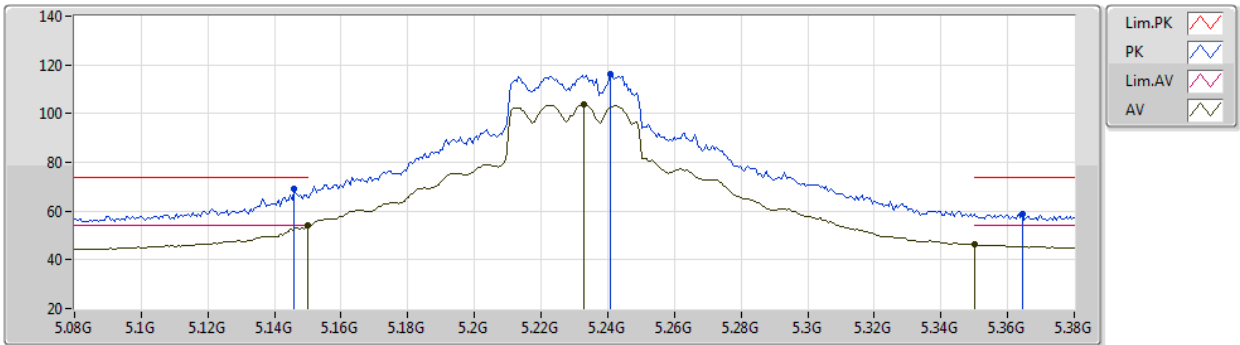
EUT Z_2TX
Setting 19
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.37937G	52.13	68.20	-16.07	41.78	3	Horizontal	359	1.83	-	38.28	7.43	35.36
PK	15.57482G	57.86	74.00	-16.14	45.48	3	Horizontal	230	1.80	-	38.03	9.21	34.86
AV	15.57336G	43.99	54.00	-10.01	31.60	3	Horizontal	230	1.80	-	38.03	9.21	34.85

802.11ax HEW40_Nss1,(MCS0)_2TX

08/10/2020

5230MHz_TX



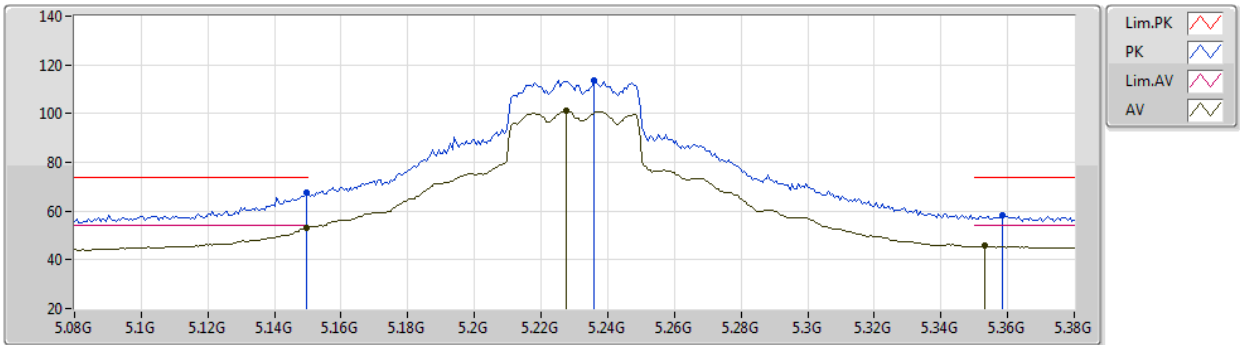
EUT Z_2TX
Setting 21
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.146G	69.37	74.00	-4.63	66.12	3	Vertical	97	2.63	-	32.71	5.17	34.63
AV	5.15G	53.88	54.00	-0.12	50.64	3	Vertical	97	2.63	-	32.70	5.17	34.63
PK	5.2408G	116.23	Inf	-Inf	112.78	3	Vertical	97	2.63	-	32.88	5.24	34.67
AV	5.233G	103.64	Inf	-Inf	100.20	3	Vertical	97	2.63	-	32.87	5.23	34.66
PK	5.3644G	58.77	74.00	-15.23	54.99	3	Vertical	97	2.63	-	33.13	5.36	34.71
AV	5.35G	46.16	54.00	-7.84	42.42	3	Vertical	97	2.63	-	33.10	5.35	34.71

802.11ax HEW40_Nss1,(MCS0)_2TX

08/10/2020

5230MHz_TX



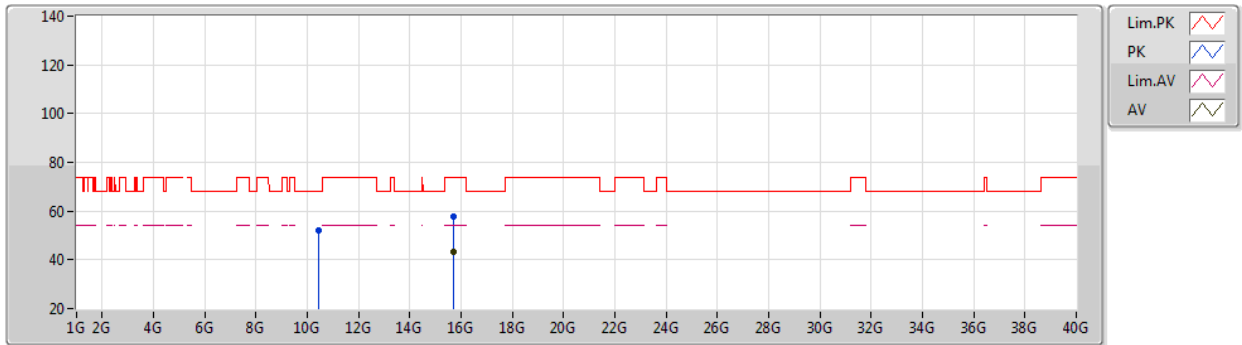
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Setting 21
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1496G	67.82	74.00	-6.18	64.58	3	Horizontal	76	2.49	-	32.70	5.17	34.63
AV	5.1496G	53.16	54.00	-0.84	49.92	3	Horizontal	76	2.49	-	32.70	5.17	34.63
PK	5.236G	113.63	Inf	-Inf	110.18	3	Horizontal	76	2.49	-	32.87	5.24	34.66
AV	5.2276G	101.02	Inf	-Inf	97.59	3	Horizontal	76	2.49	-	32.86	5.23	34.66
PK	5.3584G	58.23	74.00	-15.77	54.46	3	Horizontal	76	2.49	-	33.12	5.36	34.71
AV	5.353G	45.63	54.00	-8.37	41.88	3	Horizontal	76	2.49	-	33.11	5.35	34.71

802.11ax HEW40_Nss1,(MCS0)_2TX

08/10/2020

5230MHz_TX



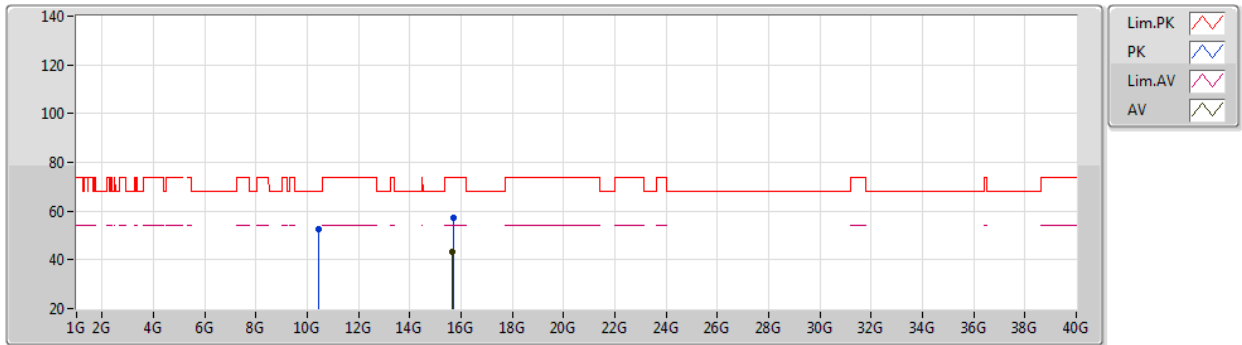
EUT Z_2TX
Setting 21
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.4513G	52.02	68.20	-16.18	41.47	3	Vertical	63	1.15	-	38.40	7.46	35.31
PK	15.68508G	57.77	74.00	-16.23	45.33	3	Vertical	284	1.80	-	38.17	9.24	34.97
AV	15.68578G	43.43	54.00	-10.57	30.99	3	Vertical	284	1.80	-	38.17	9.24	34.97

802.11ax HEW40_Nss1,(MCS0)_2TX

08/10/2020

5230MHz_TX



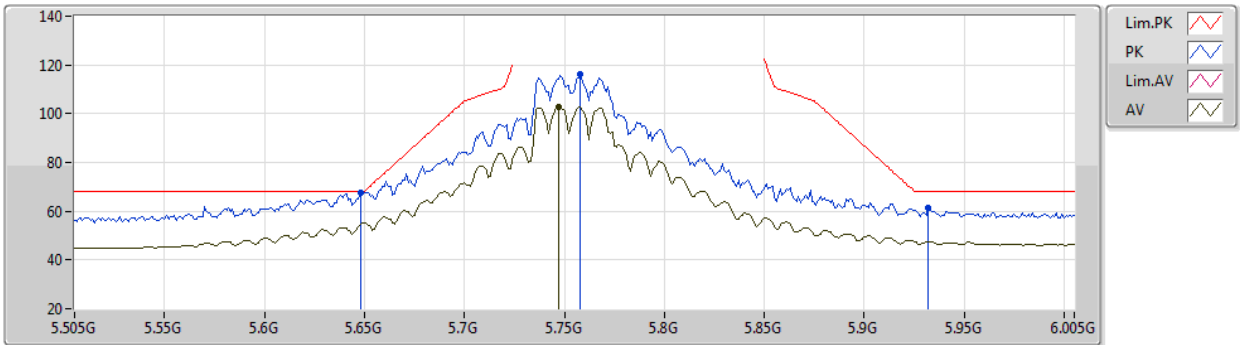
EUT Z_2TX
Setting 21
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.45842G	52.41	68.20	-15.79	41.83	3	Horizontal	358	2.25	-	38.42	7.46	35.30
PK	15.69108G	57.06	74.00	-16.94	44.61	3	Horizontal	308	1.80	-	38.18	9.24	34.97
AV	15.67434G	43.51	54.00	-10.49	31.09	3	Horizontal	308	1.80	-	38.15	9.23	34.96

802.11ax HEW40_Nss1,(MCS0)_2TX

08/10/2020

5755MHz_TX



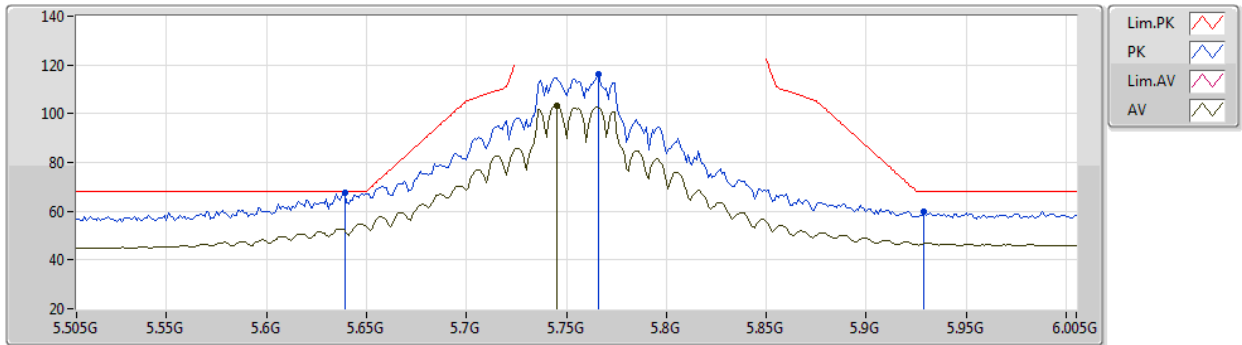
EUT_Z_2TX
Setting 23
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.648G	67.83	68.20	-0.37	62.92	3	Vertical	282	2.60	-	34.19	5.42	34.70
PK	5.758G	116.10	Inf	-Inf	110.98	3	Vertical	282	2.60	-	34.30	5.48	34.66
AV	5.747G	102.91	Inf	-Inf	97.83	3	Vertical	282	2.60	-	34.28	5.47	34.67
PK	5.932G	61.25	68.20	-6.95	55.29	3	Vertical	282	2.60	-	35.06	5.50	34.60

802.11ax HEW40_Nss1,(MCS0)_2TX

08/10/2020

5755MHz_TX



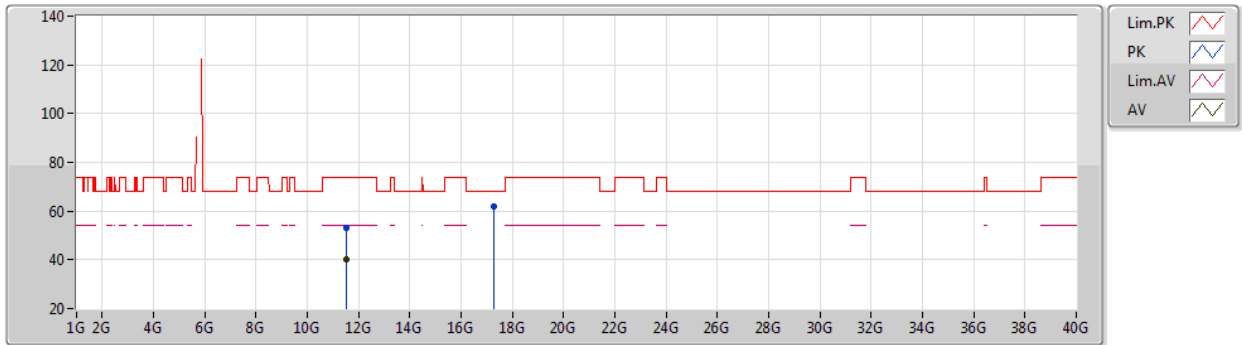
EUT Z_2TX
Setting 23
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.639G	67.77	68.20	-0.43	62.90	3	Horizontal	89	1.00	-	34.16	5.42	34.71
PK	5.766G	116.33	Inf	-Inf	111.21	3	Horizontal	89	1.00	-	34.30	5.48	34.66
AV	5.745G	103.02	Inf	-Inf	97.95	3	Horizontal	89	1.00	-	34.27	5.47	34.67
PK	5.929G	59.86	68.20	-8.34	53.93	3	Horizontal	89	1.00	-	35.03	5.50	34.60

802.11ax HEW40_Nss1,(MCS0)_2TX

08/10/2020

5755MHz_TX



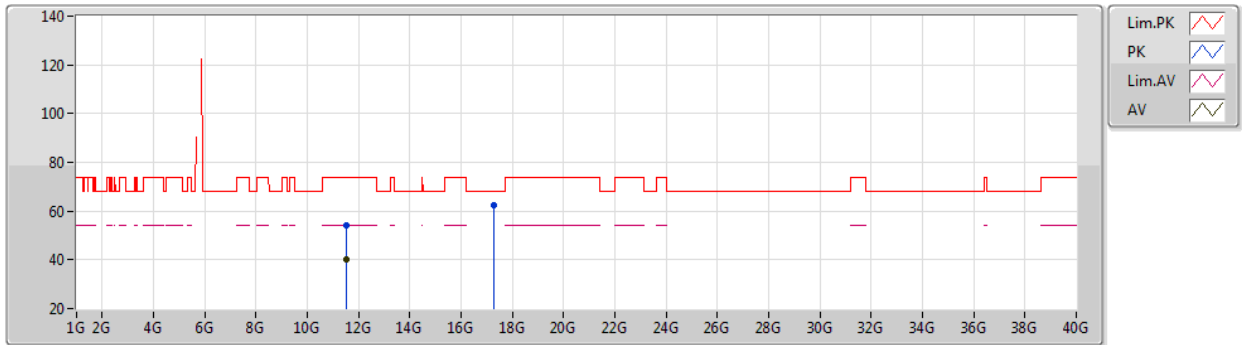
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Setting 23
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.506G	53.21	74.00	-20.79	41.80	3	Vertical	22	2.71	-	38.41	7.83	34.83
AV	11.51102G	39.95	54.00	-14.05	28.54	3	Vertical	22	2.71	-	38.41	7.83	34.83
PK	17.26546G	62.13	68.20	-6.07	44.50	3	Vertical	251	2.78	-	41.77	9.74	33.88

802.11ax HEW40_Nss1,(MCS0)_2TX

08/10/2020

5755MHz_TX



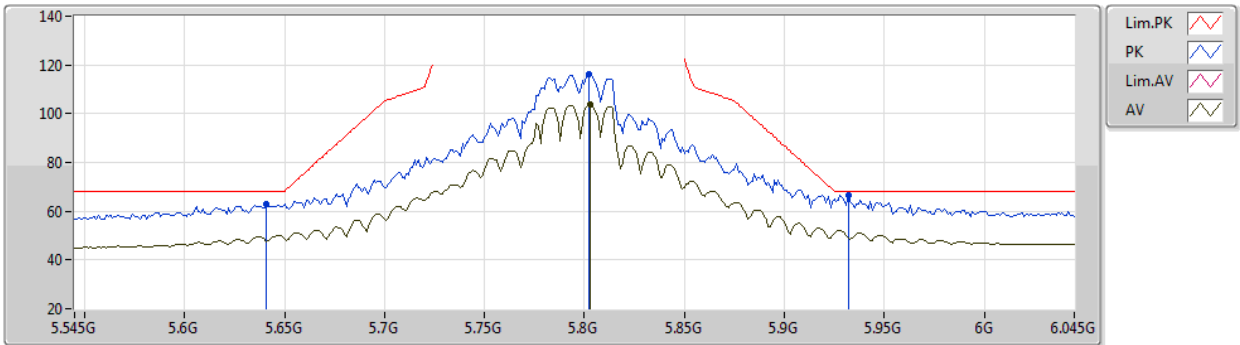
EUT Z_2TX
Setting 23
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5089G	54.31	74.00	-19.69	42.90	3	Horizontal	167	1.11	-	38.41	7.83	34.83
AV	11.50536G	40.01	54.00	-13.99	28.60	3	Horizontal	167	1.11	-	38.41	7.83	34.83
PK	17.2676G	62.44	68.20	-5.76	44.81	3	Horizontal	144	1.80	-	41.77	9.74	33.88

802.11ax HEW40_Nss1,(MCS0)_2TX

08/10/2020

5795MHz_TX



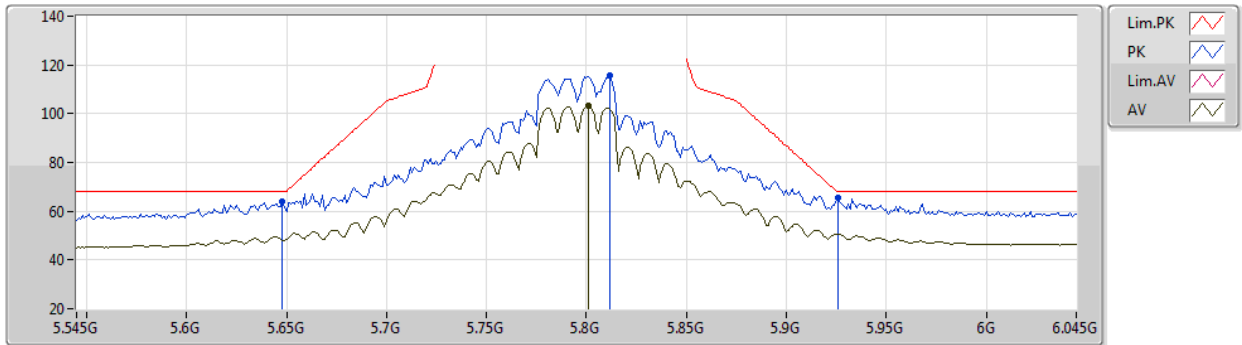
EUT Z_2TX
Setting 24
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.641G	63.01	68.20	-5.19	58.14	3	Vertical	284	2.67	-	34.16	5.42	34.71
PK	5.802G	116.34	Inf	-Inf	111.17	3	Vertical	284	2.67	-	34.32	5.50	34.65
AV	5.803G	103.63	Inf	-Inf	98.45	3	Vertical	284	2.67	-	34.32	5.50	34.64
PK	5.932G	66.78	68.20	-1.42	60.82	3	Vertical	284	2.67	-	35.06	5.50	34.60

802.11ax HEW40_Nss1,(MCS0)_2TX

08/10/2020

5795MHz_TX



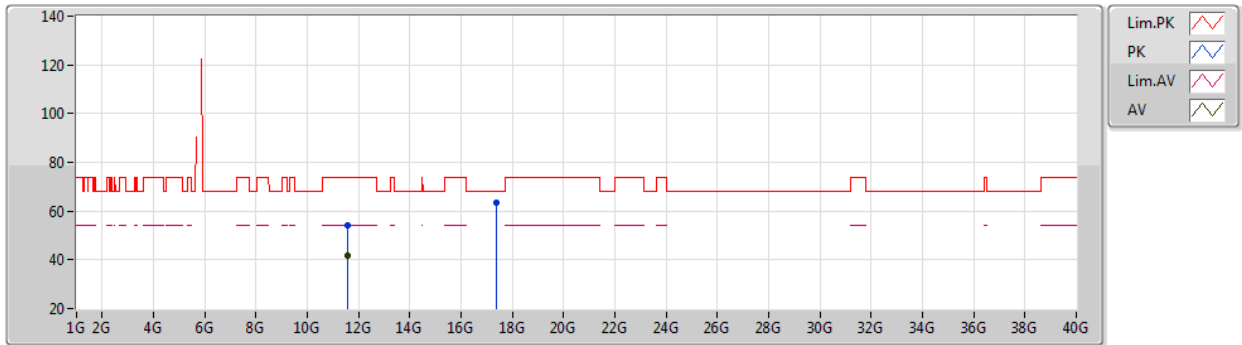
EUT Z_2TX
Setting 24
01-A-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.648G	64.19	68.20	-4.01	59.28	3	Horizontal	91	1.00	-	34.19	5.42	34.70
PK	5.812G	115.52	Inf	-Inf	110.26	3	Horizontal	91	1.00	-	34.40	5.50	34.64
AV	5.801G	103.10	Inf	-Inf	97.94	3	Horizontal	91	1.00	-	34.31	5.50	34.65
PK	5.926G	65.61	68.20	-2.59	59.70	3	Horizontal	91	1.00	-	35.01	5.50	34.60

802.11ax HEW40_Nss1,(MCS0)_2TX

08/10/2020

5795MHz_TX



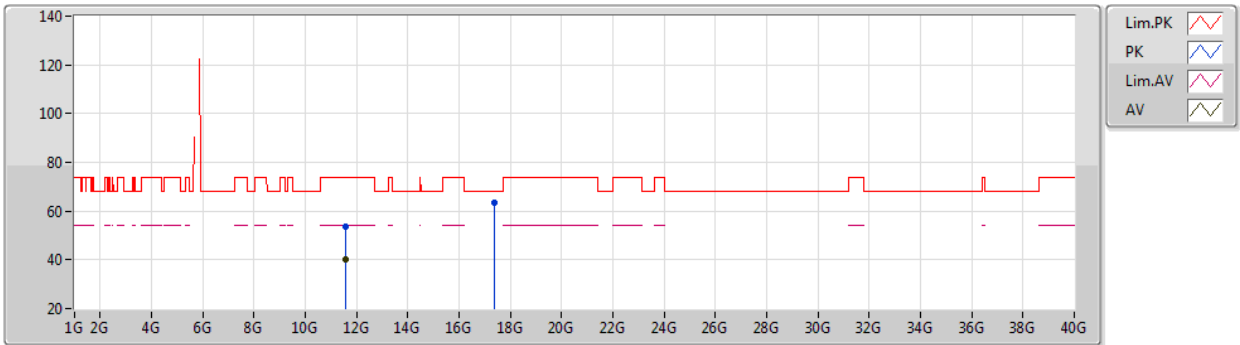
EUT Z_2TX
Setting 24
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5919G	54.14	74.00	-19.86	42.65	3	Vertical	359	2.31	-	38.49	7.86	34.86
AV	11.58982G	41.56	54.00	-12.44	30.07	3	Vertical	359	2.31	-	38.49	7.86	34.86
PK	17.3861G	63.67	68.20	-4.53	45.71	3	Vertical	351	1.87	-	42.14	9.79	33.97

802.11ax HEW40_Nss1,(MCS0)_2TX

08/10/2020

5795MHz_TX



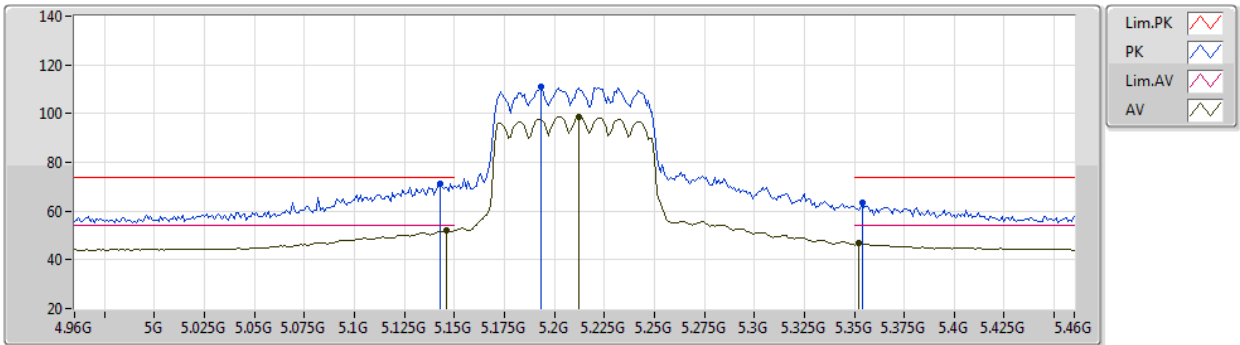
EUT_Z_2TX
Setting 24
01-A-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.58544G	53.74	74.00	-20.26	42.26	3	Horizontal	44	3.00	-	38.49	7.85	34.86
AV	11.5899G	40.07	54.00	-13.93	28.58	3	Horizontal	44	3.00	-	38.49	7.86	34.86
PK	17.3887G	63.27	68.20	-4.93	45.30	3	Horizontal	57	1.97	-	42.15	9.79	33.97

802.11ax HEW80_Nss1,(MCS0)_2TX

08/10/2020

5210MHz_TX



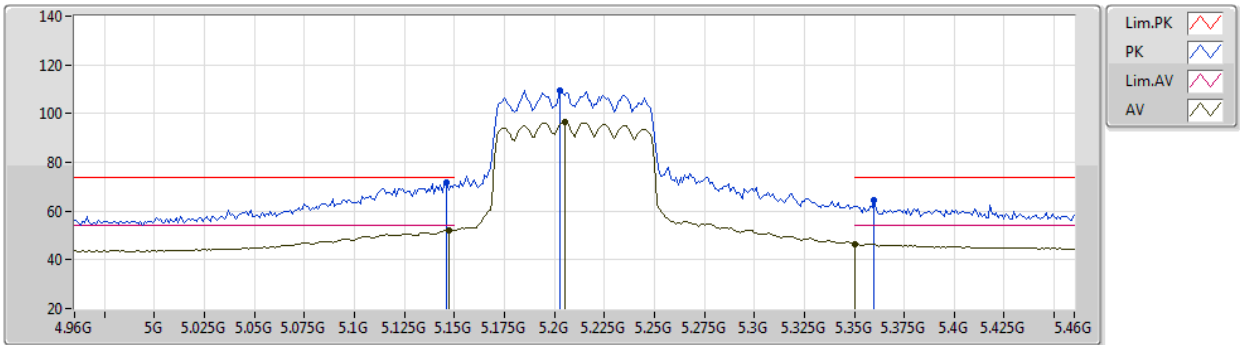
EUT_Z_2TX
Setting 19.5
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.143G	71.44	74.00	-2.56	68.19	3	Vertical	95	2.67	-	32.71	5.17	34.63
AV	5.146G	51.89	54.00	-2.11	48.64	3	Vertical	95	2.67	-	32.71	5.17	34.63
PK	5.193G	110.96	Inf	-Inf	107.62	3	Vertical	95	2.67	-	32.79	5.20	34.65
AV	5.212G	98.77	Inf	-Inf	95.40	3	Vertical	95	2.67	-	32.82	5.21	34.66
PK	5.354G	63.55	74.00	-10.45	59.80	3	Vertical	95	2.67	-	33.11	5.35	34.71
AV	5.352G	46.72	54.00	-7.28	42.98	3	Vertical	95	2.67	-	33.10	5.35	34.71

802.11ax HEW80_Nss1,(MCS0)_2TX

08/10/2020

5210MHz_TX



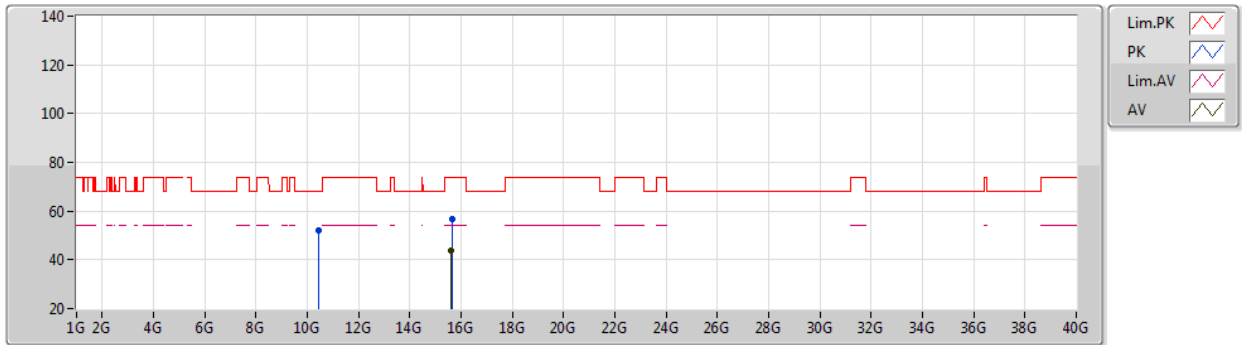
EUT Z_2TX
Setting 19.5
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.146G	71.82	74.00	-2.18	68.57	3	Horizontal	69	2.57	-	32.71	5.17	34.63
AV	5.147G	52.32	54.00	-1.68	49.07	3	Horizontal	69	2.57	-	32.71	5.17	34.63
PK	5.203G	109.58	Inf	-Inf	106.22	3	Horizontal	69	2.57	-	32.81	5.20	34.65
AV	5.205G	96.57	Inf	-Inf	93.20	3	Horizontal	69	2.57	-	32.81	5.21	34.65
PK	5.36G	64.57	74.00	-9.43	60.80	3	Horizontal	69	2.57	-	33.12	5.36	34.71
AV	5.35G	46.54	54.00	-7.46	42.80	3	Horizontal	69	2.57	-	33.10	5.35	34.71

802.11ax HEW80_Nss1,(MCS0)_2TX

08/10/2020

5210MHz_TX



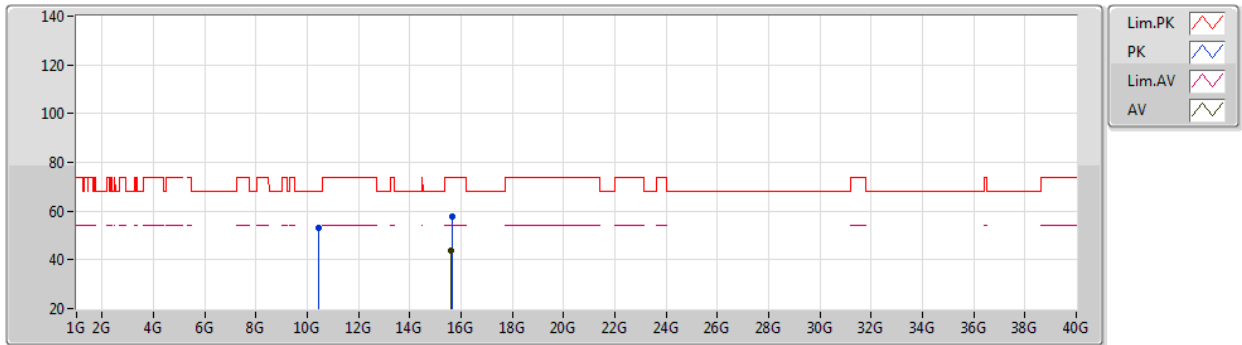
EUT_Z_2TX
Setting 19.5
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.42086G	52.11	68.20	-16.09	41.65	3	Vertical	295	2.41	-	38.34	7.45	35.33
PK	15.63164G	56.93	74.00	-17.07	44.55	3	Vertical	331	2.85	-	38.06	9.23	34.91
AV	15.6298G	43.56	54.00	-10.44	31.18	3	Vertical	331	2.85	-	38.06	9.23	34.91

802.11ax HEW80_Nss1,(MCS0)_2TX

08/10/2020

5210MHz_TX



EUT_Z_2TX
Setting 19.5
01-A-G-2

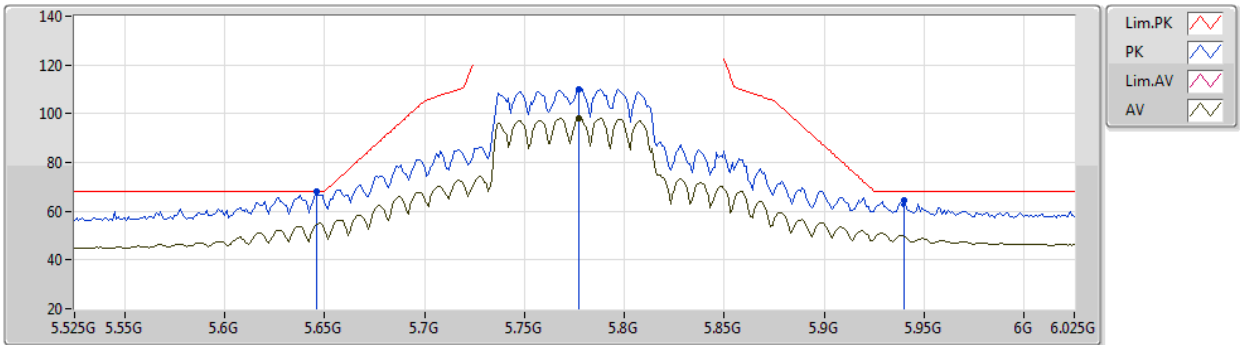
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.41888G	52.95	68.20	-15.25	42.49	3	Horizontal	303	1.83	-	38.34	7.45	35.33
PK	15.63282G	57.54	74.00	-16.46	45.16	3	Horizontal	214	2.04	-	38.07	9.23	34.92
AV	15.62876G	43.54	54.00	-10.46	31.16	3	Horizontal	214	2.04	-	38.06	9.23	34.91



802.11ax HEW80_Nss1,(MCS0)_2TX

08/10/2020

5775MHz_TX



EUT_Z_2TX
Setting 21.5
01-A-G-2-10

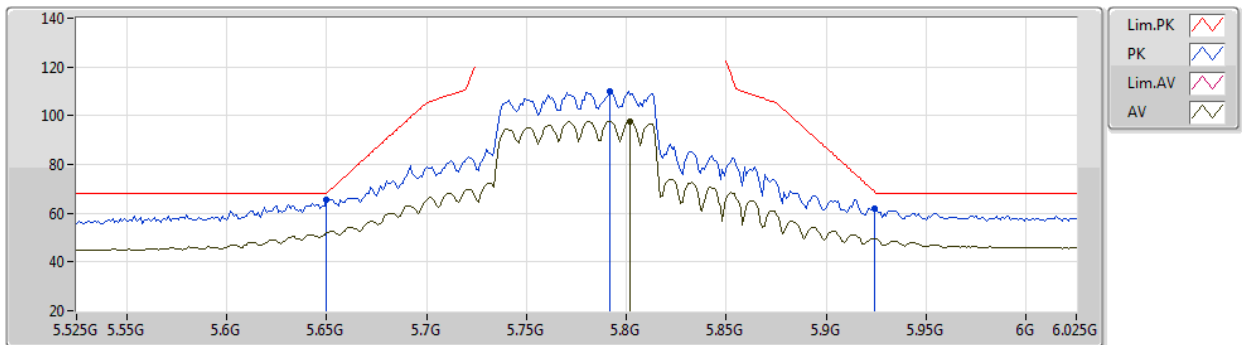
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.646G	67.92	68.20	-0.28	63.02	3	Vertical	280	2.54	-	34.18	5.42	34.70
PK	5.777G	110.11	Inf	-Inf	104.97	3	Vertical	280	2.54	-	34.30	5.49	34.65
AV	5.777G	98.22	Inf	-Inf	93.08	3	Vertical	280	2.54	-	34.30	5.49	34.65
PK	5.94G	64.68	68.20	-3.52	58.65	3	Vertical	280	2.54	-	35.12	5.50	34.59



802.11ax HEW80_Nss1,(MCS0)_2TX

08/10/2020

5775MHz_TX



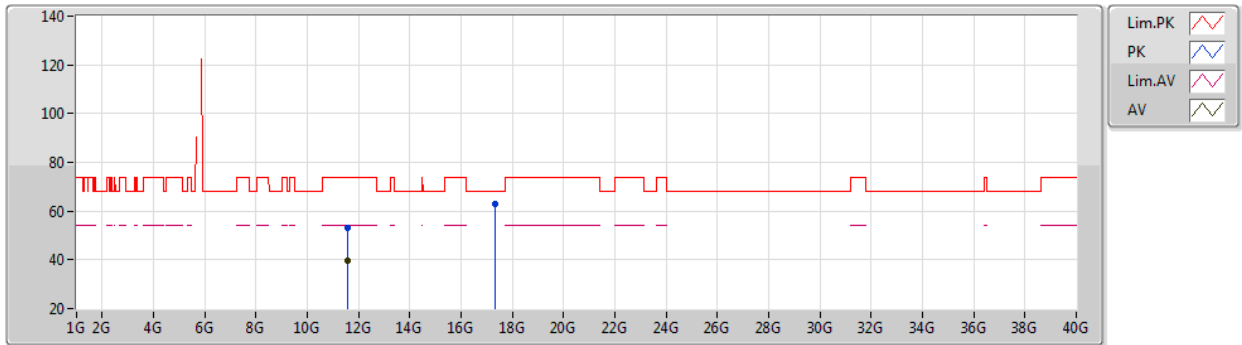
EUT_Z_2TX
Setting 21.5
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.65G	65.41	68.20	-2.79	60.48	3	Horizontal	18	2.39	-	34.20	5.43	34.70
PK	5.792G	110.18	Inf	-Inf	105.03	3	Horizontal	18	2.39	-	34.30	5.50	34.65
AV	5.802G	97.74	Inf	-Inf	92.57	3	Horizontal	18	2.39	-	34.32	5.50	34.65
PK	5.924G	62.10	68.94	-6.84	56.21	3	Horizontal	18	2.39	-	34.99	5.50	34.60

802.11ax HEW80_Nss1,(MCS0)_2TX

08/10/2020

5775MHz_TX



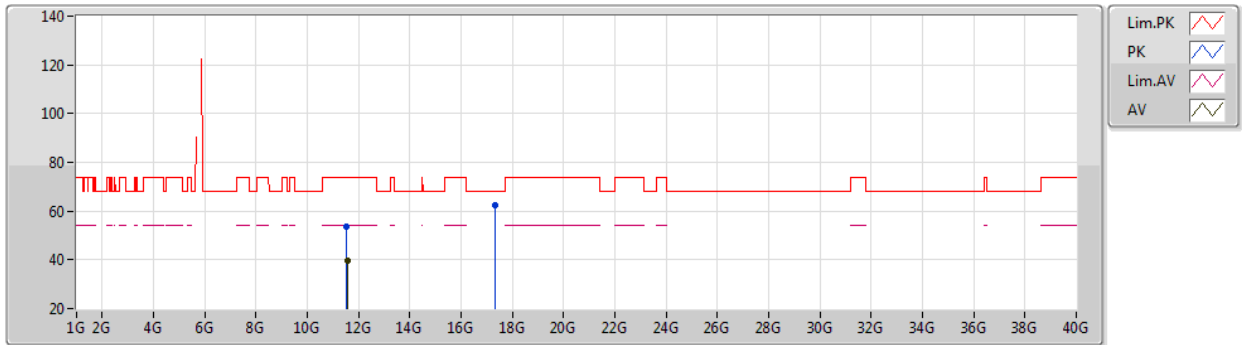
EUT Z_2TX
Setting 21.5
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5546G	53.07	74.00	-20.93	41.63	3	Vertical	9	2.10	-	38.45	7.84	34.85
AV	11.55182G	39.80	54.00	-14.20	28.36	3	Vertical	9	2.10	-	38.45	7.84	34.85
PK	17.32814G	62.76	68.20	-5.44	45.02	3	Vertical	177	2.43	-	41.91	9.76	33.93

802.11ax HEW80_Nss1,(MCS0)_2TX

08/10/2020

5775MHz_TX



EUT_Z_2TX
Setting 21.5
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.54706G	53.45	74.00	-20.55	42.01	3	Horizontal	206	1.28	-	38.45	7.84	34.85
AV	11.54946G	39.81	54.00	-14.19	28.37	3	Horizontal	206	1.28	-	38.45	7.84	34.85
PK	17.32962G	62.44	68.20	-5.76	44.68	3	Horizontal	297	2.35	-	41.92	9.77	33.93



For beamforming mode:

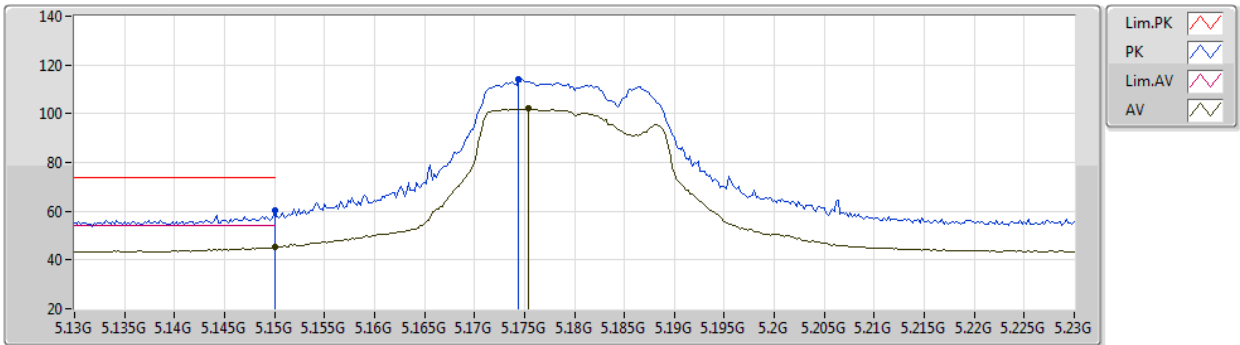
Summary

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)_2TX	Pass	AV	5.15G	53.87	54.00	-0.13	3	Vertical	99	3.00	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5180MHz_TX



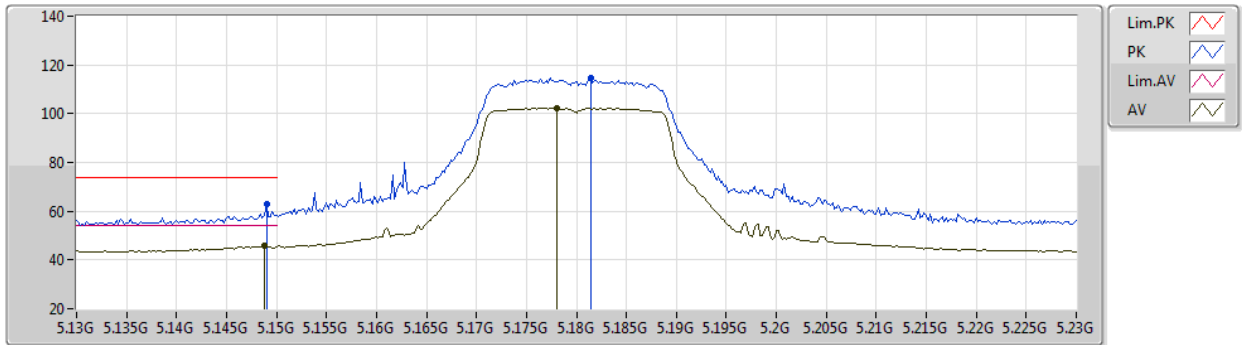
EUT Z_2TX
Setting 23
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	60.43	74.00	-13.57	57.19	3	Vertical	240	2.29	-	32.70	5.17	34.63
AV	5.15G	45.21	54.00	-8.79	41.97	3	Vertical	240	2.29	-	32.70	5.17	34.63
PK	5.1744G	114.01	Inf	-Inf	110.71	3	Vertical	240	2.29	-	32.75	5.19	34.64
AV	5.1754G	102.03	Inf	-Inf	98.73	3	Vertical	240	2.29	-	32.75	5.19	34.64

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5180MHz_TX



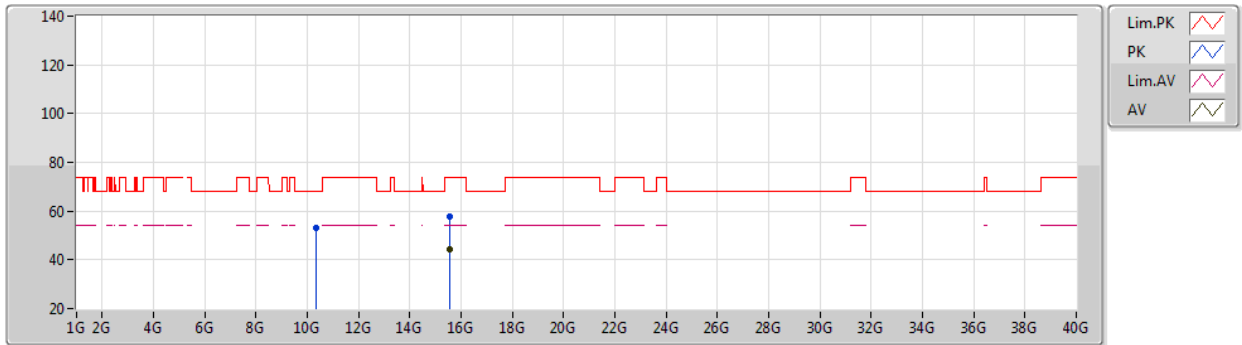
EUT Z_2TX
Setting 23
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.149G	63.03	74.00	-10.97	59.79	3	Horizontal	70	2.78	-	32.70	5.17	34.63
AV	5.1488G	45.66	54.00	-8.34	42.42	3	Horizontal	70	2.78	-	32.70	5.17	34.63
PK	5.1814G	114.42	Inf	-Inf	111.12	3	Horizontal	70	2.78	-	32.76	5.19	34.65
AV	5.178G	102.32	Inf	-Inf	99.01	3	Horizontal	70	2.78	-	32.76	5.19	34.64

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5180MHz_TX



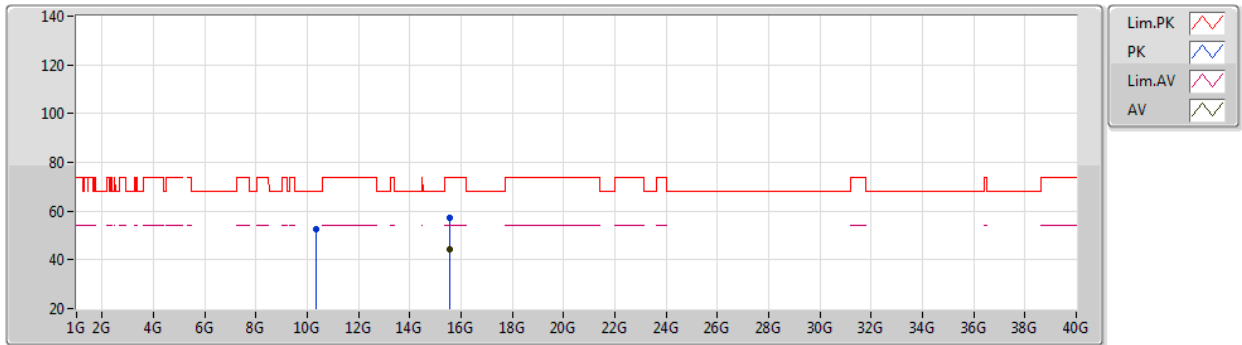
EUT_Z_2TX
Setting 23
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.36002G	53.14	68.20	-15.06	42.83	3	Vertical	73	1.40	-	38.26	7.43	35.38
PK	15.54332G	57.78	74.00	-16.22	45.33	3	Vertical	191	1.42	-	38.06	9.21	34.82
AV	15.54332G	44.31	54.00	-9.69	31.86	3	Vertical	191	1.42	-	38.06	9.21	34.82

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5180MHz_TX



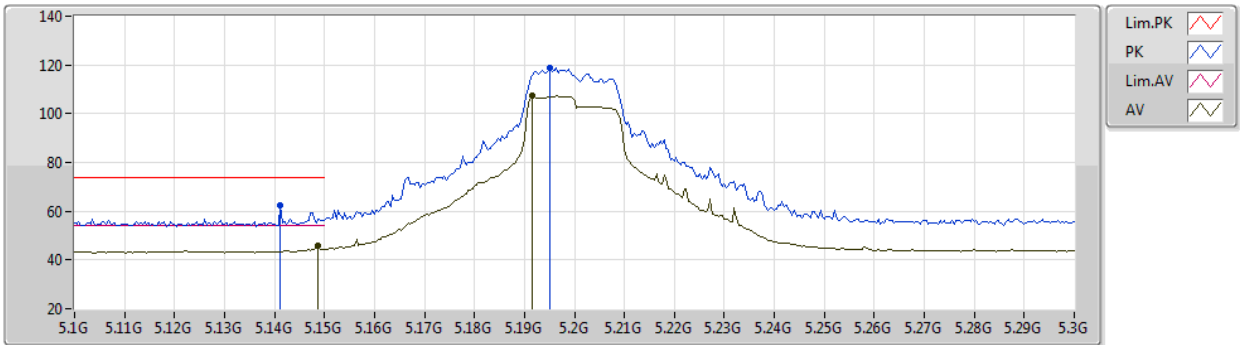
EUT_Z_2TX
Setting 23
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.35534G	52.74	68.20	-15.46	42.44	3	Horizontal	74	2.44	-	38.26	7.42	35.38
PK	15.53816G	57.42	74.00	-16.58	44.97	3	Horizontal	171	2.14	-	38.06	9.21	34.82
AV	15.54296G	44.21	54.00	-9.79	31.76	3	Horizontal	171	2.14	-	38.06	9.21	34.82

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5200MHz_TX



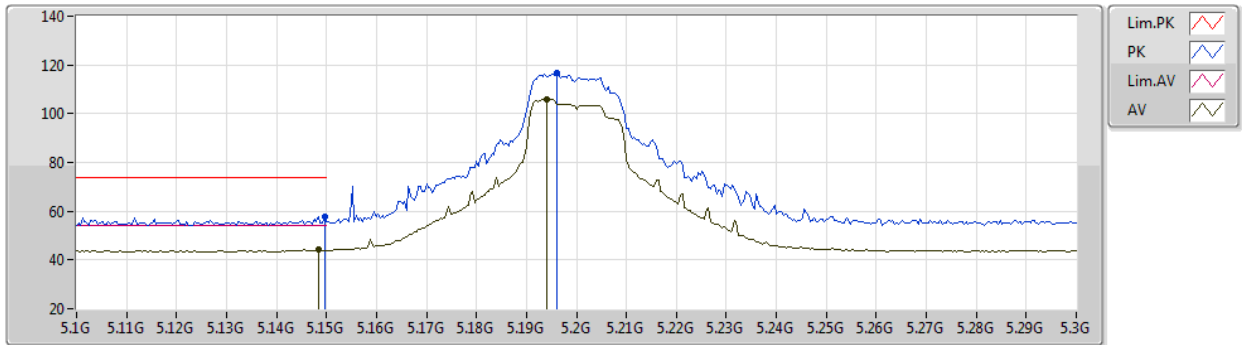
EUT Z_2TX
Setting 24
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1412G	62.44	74.00	-11.56	59.18	3	Vertical	258	2.78	-	32.72	5.17	34.63
AV	5.1488G	45.77	54.00	-8.23	42.53	3	Vertical	258	2.78	-	32.70	5.17	34.63
PK	5.1952G	118.75	Inf	-Inf	115.41	3	Vertical	258	2.78	-	32.79	5.20	34.65
AV	5.1916G	107.29	Inf	-Inf	103.96	3	Vertical	258	2.78	-	32.78	5.20	34.65

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5200MHz_TX



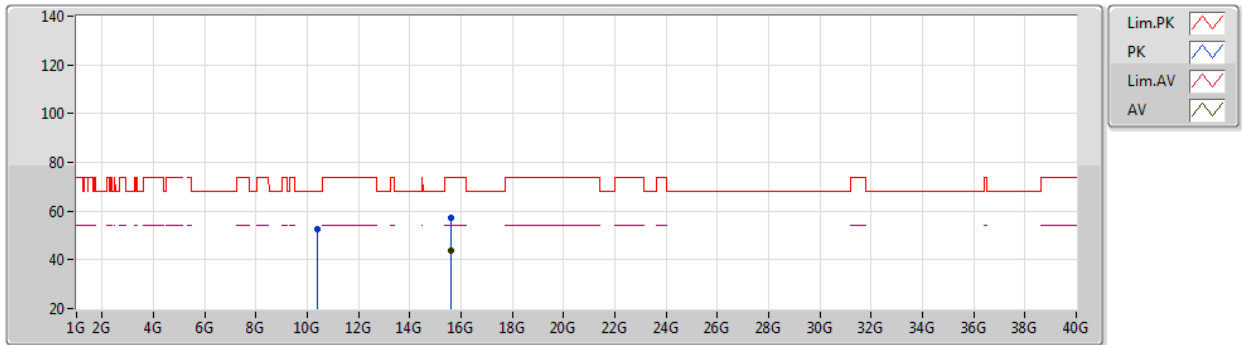
EUT_Z_2TX
Setting 24
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1496G	57.78	74.00	-16.22	54.54	3	Horizontal	70	2.50	-	32.70	5.17	34.63
AV	5.1484G	44.34	54.00	-9.66	41.10	3	Horizontal	70	2.50	-	32.70	5.17	34.63
PK	5.196G	116.86	Inf	-Inf	113.52	3	Horizontal	70	2.50	-	32.79	5.20	34.65
AV	5.194G	105.68	Inf	-Inf	102.34	3	Horizontal	70	2.50	-	32.79	5.20	34.65

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5200MHz_TX



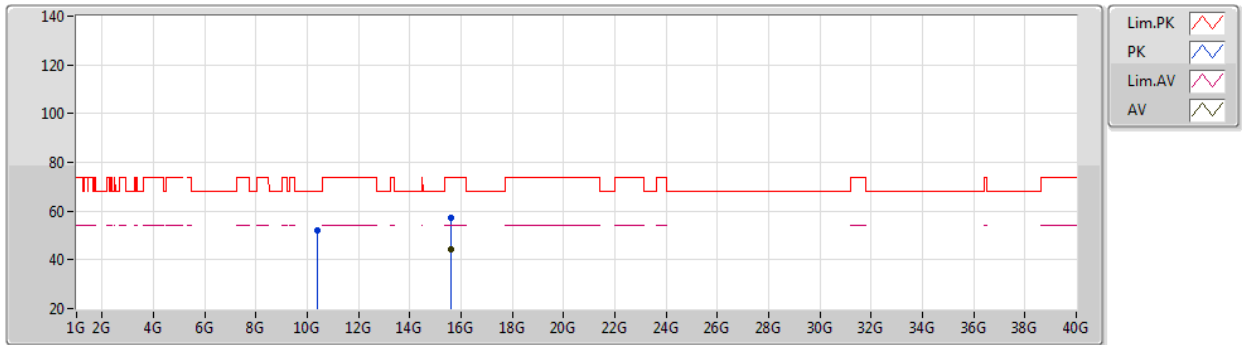
EUT_Z_2TX
Setting 24
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.4043G	52.77	68.20	-15.43	42.36	3	Vertical	62	2.06	-	38.31	7.44	35.34
PK	15.59752G	57.06	74.00	-16.94	44.72	3	Vertical	319	2.42	-	38.00	9.22	34.88
AV	15.6005G	44.02	54.00	-9.98	31.68	3	Vertical	319	2.42	-	38.00	9.22	34.88

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5200MHz_TX



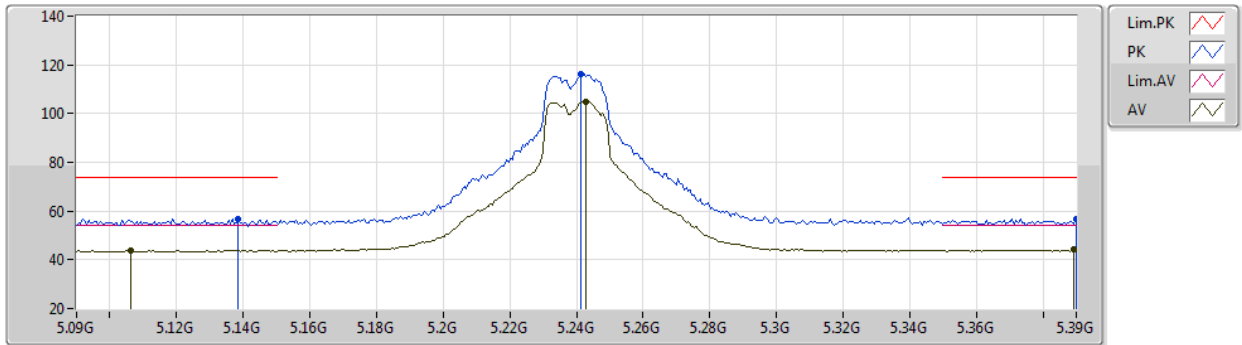
EUT_Z_2TX
Setting 24
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.39976G	52.25	68.20	-15.95	41.86	3	Horizontal	222	2.90	-	38.30	7.44	35.35
PK	15.5985G	56.99	74.00	-17.01	44.65	3	Horizontal	255	2.38	-	38.00	9.22	34.88
AV	15.59872G	44.16	54.00	-9.84	31.82	3	Horizontal	255	2.38	-	38.00	9.22	34.88

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5240MHz_TX



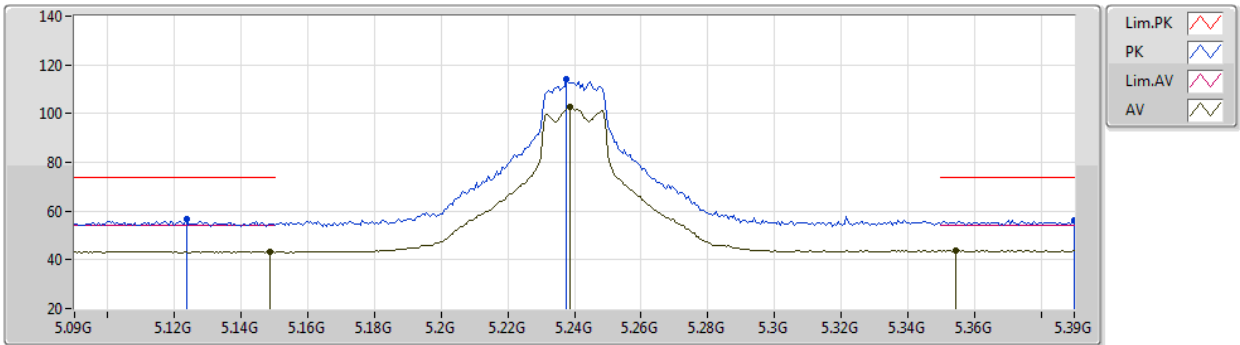
EUT Z_2TX
Setting 24
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1386G	56.94	74.00	-17.06	53.68	3	Vertical	99	2.65	-	32.72	5.17	34.63
AV	5.1062G	43.84	54.00	-10.16	40.52	3	Vertical	99	2.65	-	32.79	5.15	34.62
PK	5.2412G	116.06	Inf	-Inf	112.61	3	Vertical	99	2.65	-	32.88	5.24	34.67
AV	5.243G	105.05	Inf	-Inf	101.59	3	Vertical	99	2.65	-	32.89	5.24	34.67
PK	5.39G	56.95	74.00	-17.05	53.10	3	Vertical	99	2.65	-	33.18	5.39	34.72
AV	5.3894G	44.10	54.00	-9.90	40.25	3	Vertical	99	2.65	-	33.18	5.39	34.72

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5240MHz_TX



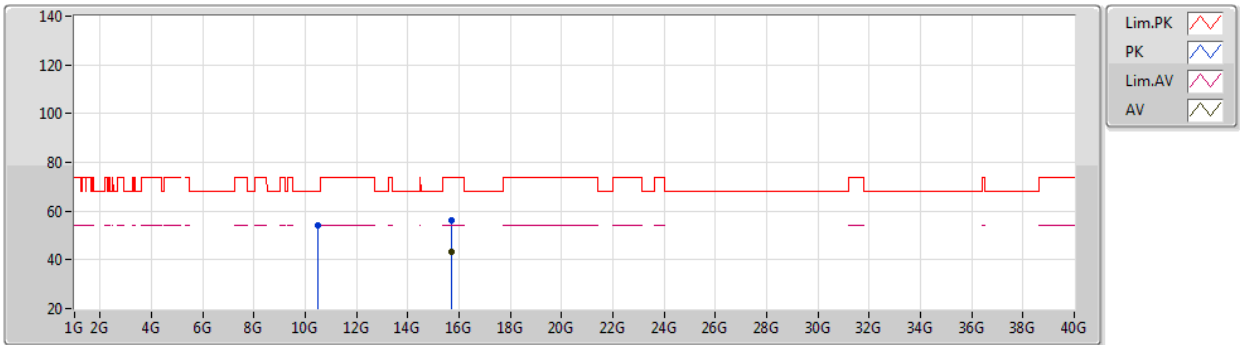
EUT_Z_2TX
Setting 24
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1236G	56.49	74.00	-17.51	53.20	3	Horizontal	81	1.00	-	32.75	5.16	34.62
AV	5.1488G	43.36	54.00	-10.64	40.12	3	Horizontal	81	1.00	-	32.70	5.17	34.63
PK	5.2376G	114.00	Inf	-Inf	110.55	3	Horizontal	81	1.00	-	32.88	5.24	34.67
AV	5.2388G	102.65	Inf	-Inf	99.20	3	Horizontal	81	1.00	-	32.88	5.24	34.67
PK	5.39G	56.22	74.00	-17.78	52.37	3	Horizontal	81	1.00	-	33.18	5.39	34.72
AV	5.3546G	43.81	54.00	-10.19	40.06	3	Horizontal	81	1.00	-	33.11	5.35	34.71

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5240MHz_TX



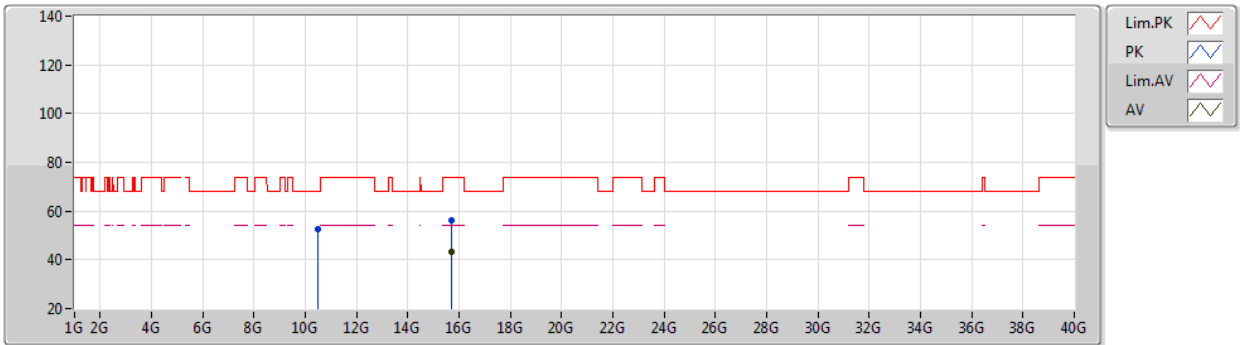
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Setting 24
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.48474G	53.90	68.20	-14.30	43.24	3	Vertical	76	1.82	-	38.47	7.47	35.28
PK	15.72426G	56.42	74.00	-17.58	43.94	3	Vertical	340	2.89	-	38.25	9.24	35.01
AV	15.71606G	43.17	54.00	-10.83	30.70	3	Vertical	340	2.89	-	38.23	9.24	35.00

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5240MHz_TX



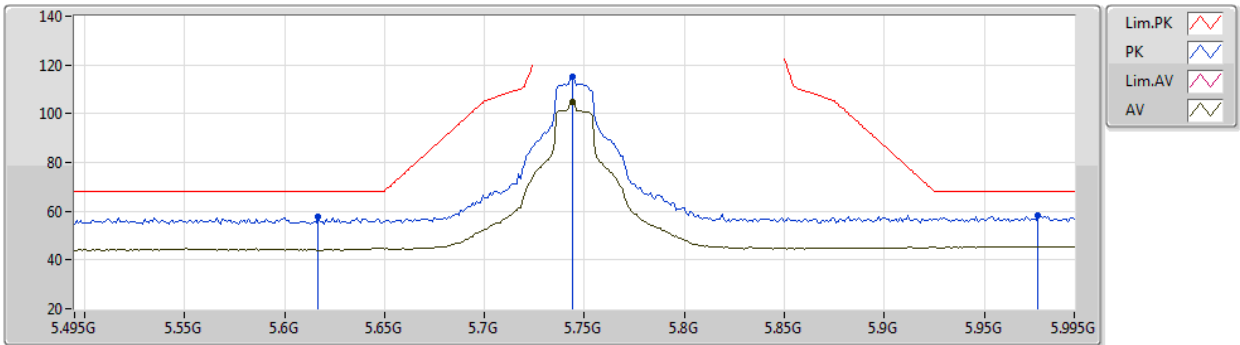
EUT Z_2TX
Setting 24
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.48284G	52.46	68.20	-15.74	41.80	3	Horizontal	293	2.50	-	38.47	7.47	35.28
PK	15.7184G	56.24	74.00	-17.76	43.76	3	Horizontal	251	2.88	-	38.24	9.24	35.00
AV	15.71546G	43.22	54.00	-10.78	30.75	3	Horizontal	251	2.88	-	38.23	9.24	35.00

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5745MHz_TX



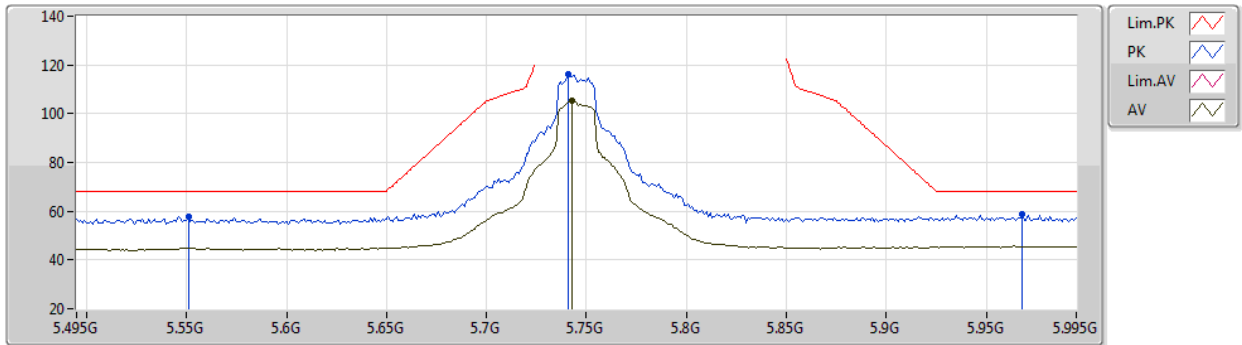
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Setting 24
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.617G	57.74	68.20	-10.46	52.98	3	Vertical	174	2.35	-	34.07	5.41	34.72
PK	5.744G	114.98	Inf	-Inf	109.92	3	Vertical	174	2.35	-	34.26	5.47	34.67
AV	5.744G	105.02	Inf	-Inf	99.96	3	Vertical	174	2.35	-	34.26	5.47	34.67
PK	5.977G	58.13	68.20	-10.07	51.96	3	Vertical	174	2.35	-	35.25	5.50	34.58

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5745MHz_TX



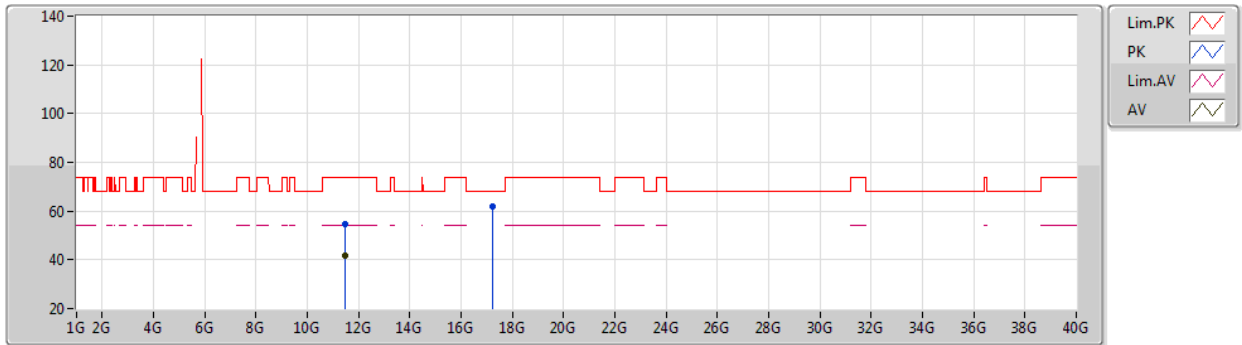
EUT_Z_2TX
Setting 24
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.551G	58.01	68.20	-10.19	53.45	3	Horizontal	44	1.00	-	33.90	5.40	34.74
PK	5.741G	116.08	Inf	-Inf	111.03	3	Horizontal	44	1.00	-	34.25	5.47	34.67
AV	5.743G	105.14	Inf	-Inf	100.08	3	Horizontal	44	1.00	-	34.26	5.47	34.67
PK	5.968G	58.73	68.20	-9.47	52.57	3	Horizontal	44	1.00	-	35.24	5.50	34.58

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5745MHz_TX



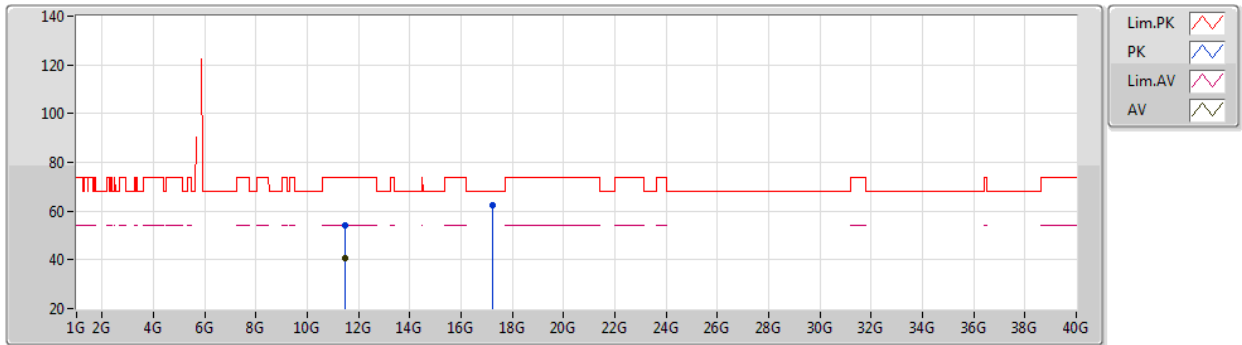
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Setting 24
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.48696G	54.58	74.00	-19.42	43.18	3	Vertical	72	2.36	-	38.41	7.82	34.83
AV	11.48992G	41.56	54.00	-12.44	30.16	3	Vertical	72	2.36	-	38.41	7.82	34.83
PK	17.23648G	62.04	68.20	-6.16	44.43	3	Vertical	261	1.17	-	41.74	9.73	33.86

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5745MHz_TX



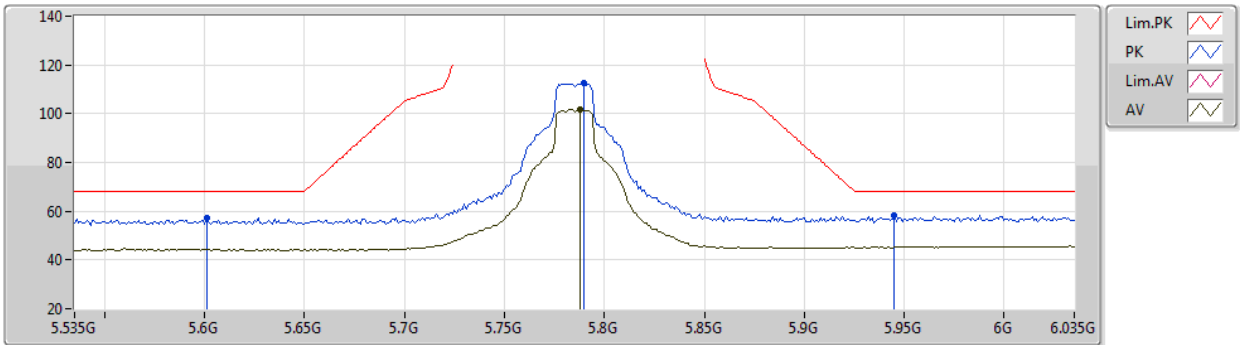
EUT Z_2TX
Setting 24
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.49124G	54.01	74.00	-19.99	42.61	3	Horizontal	151	1.07	-	38.41	7.82	34.83
AV	11.48946G	40.68	54.00	-13.32	29.28	3	Horizontal	151	1.07	-	38.41	7.82	34.83
PK	17.23416G	62.50	68.20	-5.70	44.90	3	Horizontal	325	1.22	-	41.73	9.73	33.86

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5785MHz_TX



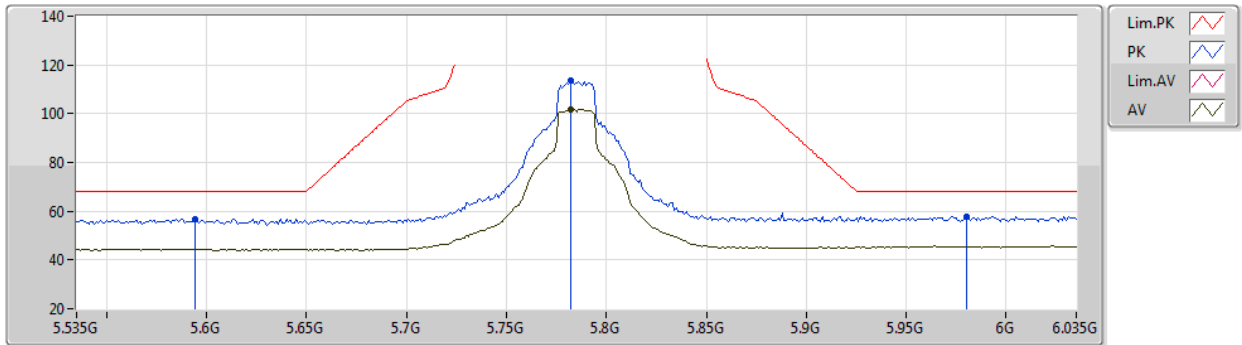
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Setting 24
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.601G	57.45	68.20	-10.75	52.77	3	Vertical	242	1.80	-	34.00	5.40	34.72
PK	5.79G	112.40	Inf	-Inf	107.25	3	Vertical	242	1.80	-	34.30	5.50	34.65
AV	5.788G	101.73	Inf	-Inf	96.59	3	Vertical	242	1.80	-	34.30	5.49	34.65
PK	5.945G	58.08	68.20	-10.12	52.01	3	Vertical	242	1.80	-	35.16	5.50	34.59

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5785MHz_TX



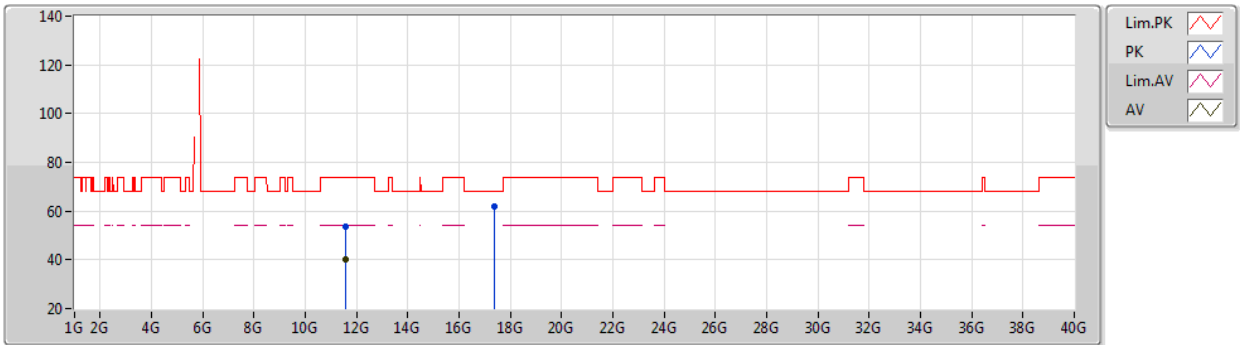
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Setting 24
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.594G	56.92	68.20	-11.28	52.25	3	Horizontal	242	1.80	-	33.99	5.40	34.72
PK	5.782G	113.41	Inf	-Inf	108.27	3	Horizontal	242	1.80	-	34.30	5.49	34.65
AV	5.782G	101.72	Inf	-Inf	96.58	3	Horizontal	242	1.80	-	34.30	5.49	34.65
PK	5.98G	57.93	68.20	-10.27	51.75	3	Horizontal	242	1.80	-	35.26	5.50	34.58

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5785MHz_TX



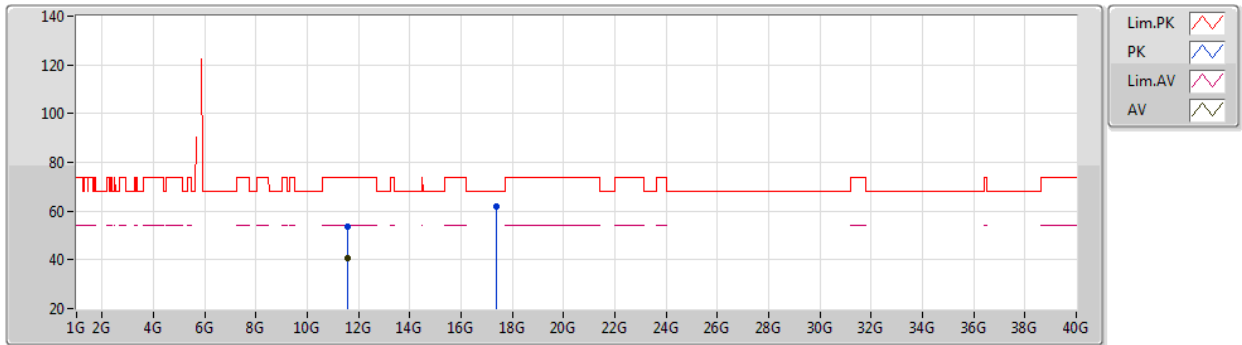
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Setting 24
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.57334G	53.39	74.00	-20.61	41.93	3	Vertical	221	2.88	-	38.47	7.85	34.86
AV	11.56932G	40.39	54.00	-13.61	28.92	3	Vertical	221	2.88	-	38.47	7.85	34.85
PK	17.35302G	61.80	68.20	-6.40	43.96	3	Vertical	176	2.66	-	42.01	9.77	33.94

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5785MHz_TX



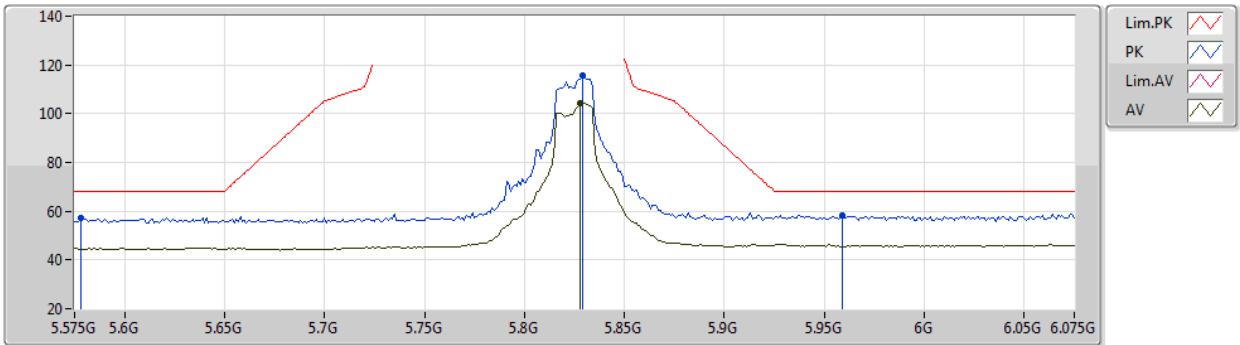
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Setting 24
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.57202G	53.62	74.00	-20.38	42.16	3	Horizontal	157	2.17	-	38.47	7.85	34.86
AV	11.5653G	40.57	54.00	-13.43	29.10	3	Horizontal	157	2.17	-	38.47	7.85	34.85
PK	17.35368G	62.04	68.20	-6.16	44.20	3	Horizontal	259	2.22	-	42.01	9.77	33.94

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5825MHz_TX



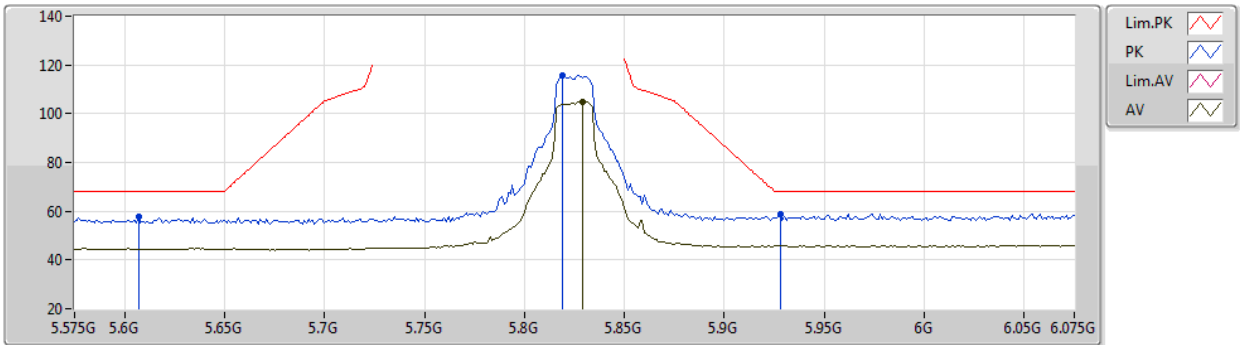
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Setting 24
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.578G	57.35	68.20	-10.85	52.72	3	Vertical	286	2.68	-	33.96	5.40	34.73
PK	5.829G	115.86	Inf	-Inf	110.46	3	Vertical	286	2.68	-	34.53	5.50	34.63
AV	5.828G	104.45	Inf	-Inf	99.07	3	Vertical	286	2.68	-	34.52	5.50	34.64
PK	5.959G	58.28	68.20	-9.92	52.15	3	Vertical	286	2.68	-	35.22	5.50	34.59

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5825MHz_TX



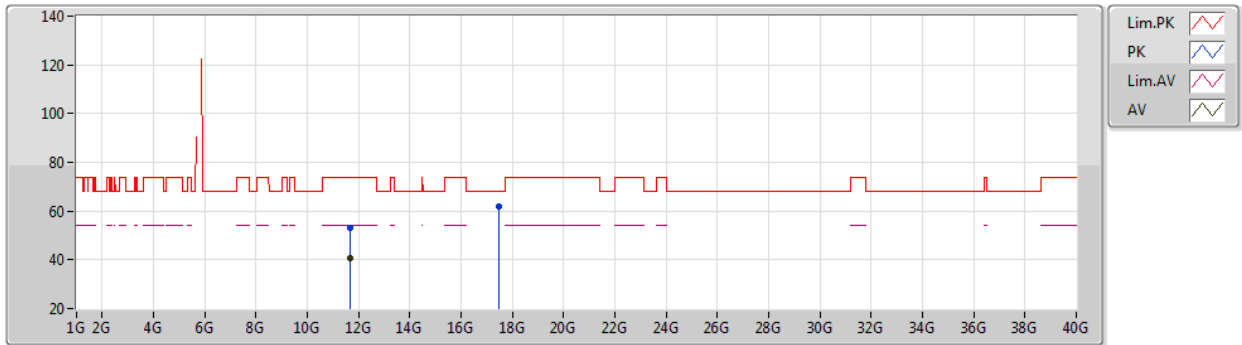
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Setting 24
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.607G	57.61	68.20	-10.59	52.90	3	Horizontal	19	2.47	-	34.03	5.40	34.72
PK	5.819G	115.79	Inf	-Inf	110.48	3	Horizontal	19	2.47	-	34.45	5.50	34.64
AV	5.829G	104.87	Inf	-Inf	99.47	3	Horizontal	19	2.47	-	34.53	5.50	34.63
PK	5.928G	58.78	68.20	-9.42	52.86	3	Horizontal	19	2.47	-	35.02	5.50	34.60

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5825MHz_TX



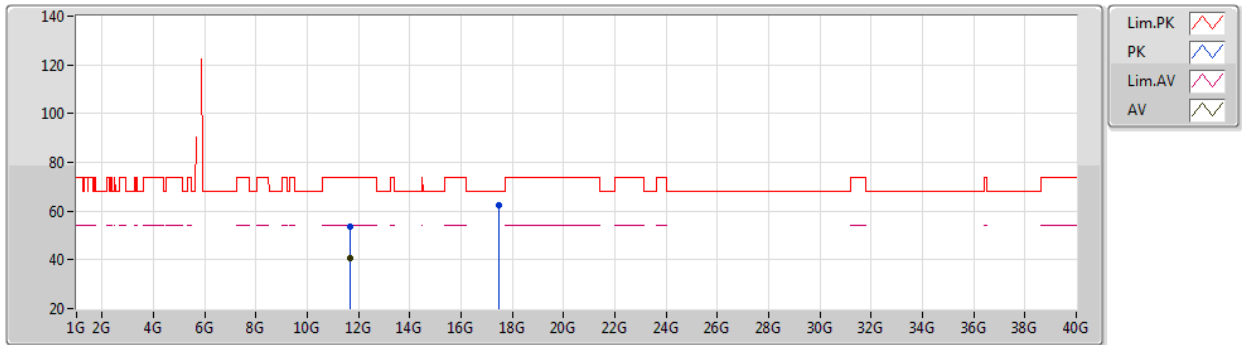
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Setting 24
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.64966G	53.13	74.00	-20.87	41.63	3	Vertical	221	1.78	-	38.50	7.88	34.88
AV	11.65146G	40.50	54.00	-13.50	29.00	3	Vertical	221	1.78	-	38.50	7.88	34.88
PK	17.47046G	62.08	68.20	-6.12	44.17	3	Vertical	280	1.30	-	42.13	9.81	34.03

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/10/2020

5825MHz_TX



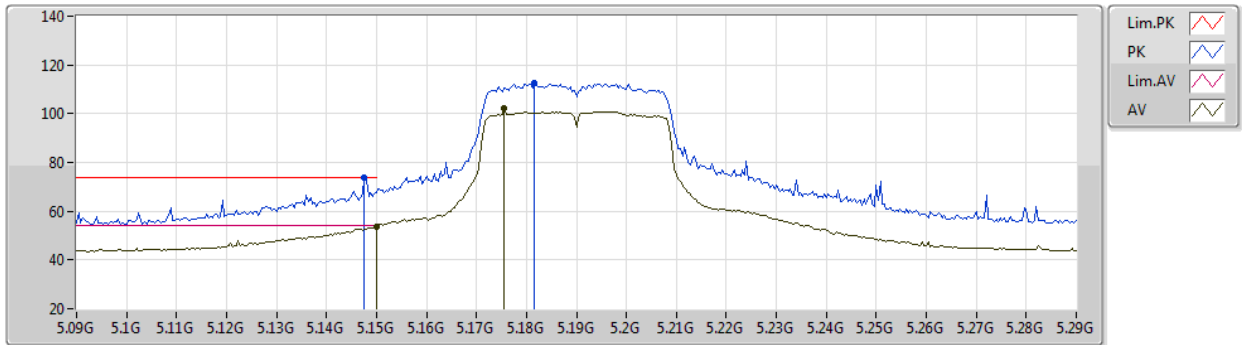
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Setting 24
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65414G	53.41	74.00	-20.59	41.92	3	Horizontal	217	1.05	-	38.50	7.88	34.89
AV	11.65226G	40.70	54.00	-13.30	29.20	3	Horizontal	217	1.05	-	38.50	7.88	34.88
PK	17.47604G	62.23	68.20	-5.97	44.32	3	Horizontal	141	2.14	-	42.12	9.82	34.03

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

08/10/2020

5190MHz_TX



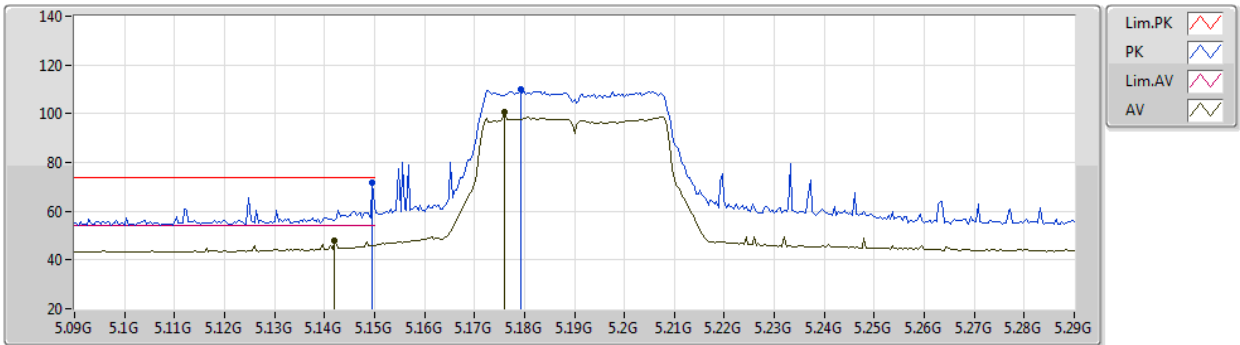
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Setting 22
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1476G	73.74	74.00	-0.26	70.50	3	Vertical	99	3.00	-	32.70	5.17	34.63
AV	5.15G	53.87	54.00	-0.13	50.63	3	Vertical	99	3.00	-	32.70	5.17	34.63
PK	5.1816G	112.47	Inf	-Inf	109.17	3	Vertical	99	3.00	-	32.76	5.19	34.65
AV	5.1756G	102.02	Inf	-Inf	98.72	3	Vertical	99	3.00	-	32.75	5.19	34.64

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

08/10/2020

5190MHz_TX



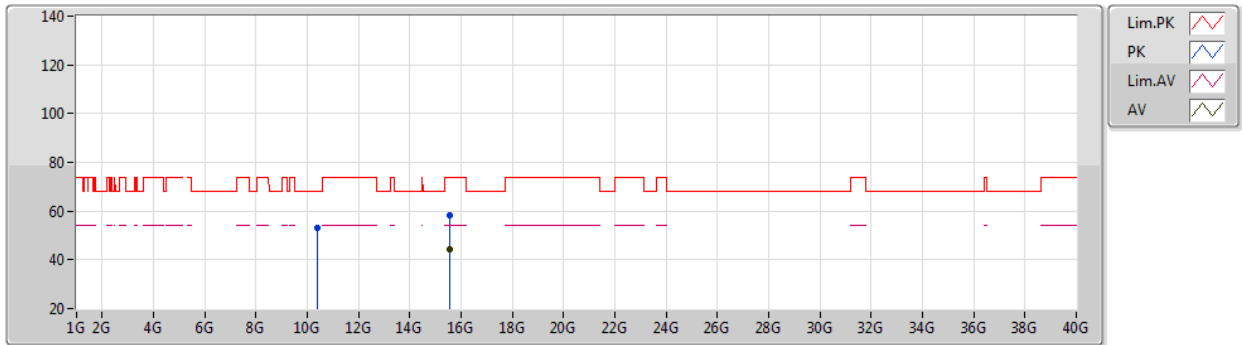
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Setting 22
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1496G	71.60	74.00	-2.40	68.36	3	Horizontal	35	1.00	-	32.70	5.17	34.63
AV	5.142G	47.74	54.00	-6.26	44.48	3	Horizontal	35	1.00	-	32.72	5.17	34.63
PK	5.1792G	109.77	Inf	-Inf	106.46	3	Horizontal	35	1.00	-	32.76	5.19	34.64
AV	5.176G	100.44	Inf	-Inf	97.14	3	Horizontal	35	1.00	-	32.75	5.19	34.64

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

08/10/2020

5190MHz_TX



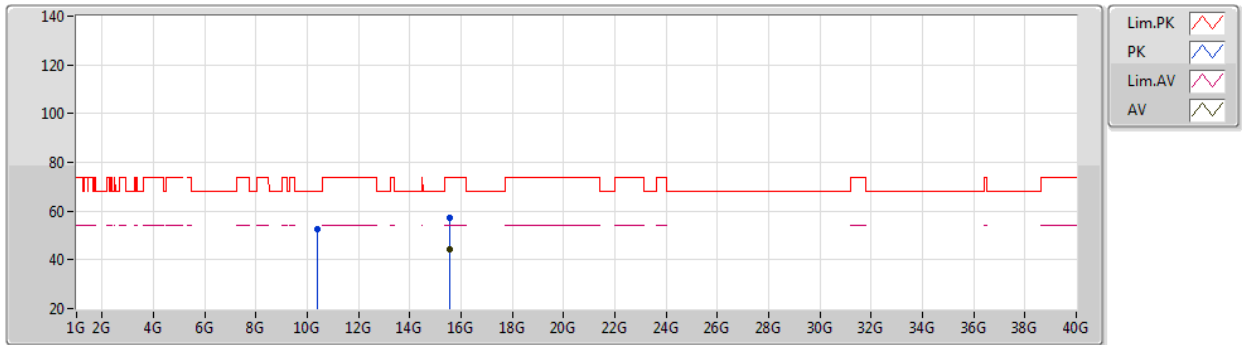
EUT_Z_2TX
Setting 22
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.376G	53.03	68.20	-15.17	42.69	3	Vertical	55	1.78	-	38.28	7.43	35.37
PK	15.57188G	58.21	74.00	-15.79	45.82	3	Vertical	175	2.44	-	38.03	9.21	34.85
AV	15.5691G	44.37	54.00	-9.63	31.98	3	Vertical	175	2.44	-	38.03	9.21	34.85

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

08/10/2020

5190MHz_TX



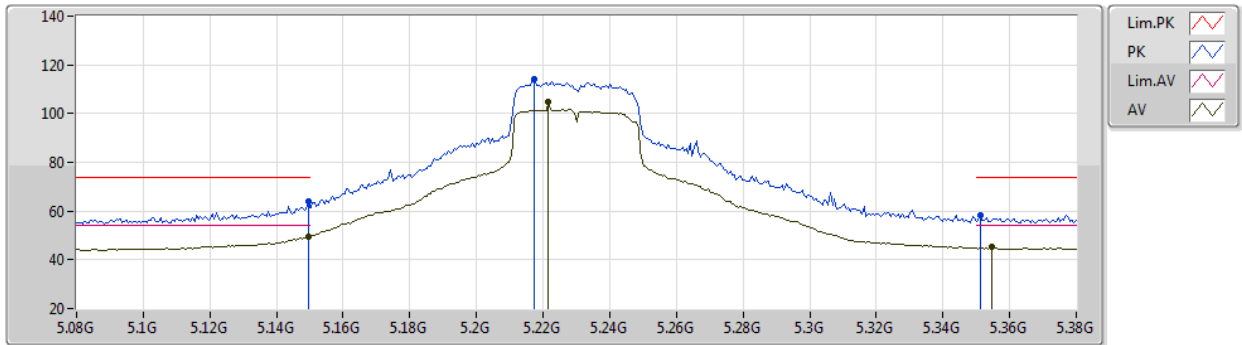
EUT_Z_2TX
Setting 22
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.37772G	52.73	68.20	-15.47	42.39	3	Horizontal	257	2.03	-	38.28	7.43	35.37
PK	15.57002G	57.06	74.00	-16.94	44.67	3	Horizontal	226	1.50	-	38.03	9.21	34.85
AV	15.56844G	44.42	54.00	-9.58	32.03	3	Horizontal	226	1.50	-	38.03	9.21	34.85

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

08/10/2020

5230MHz_TX



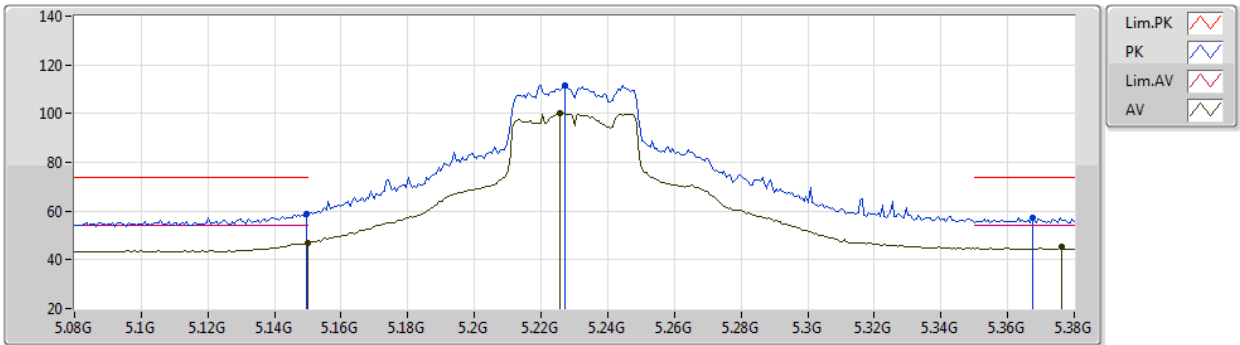
EUT_Z_2TX
Setting 23
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1496G	63.84	74.00	-10.16	60.60	3	Vertical	97	2.37	-	32.70	5.17	34.63
AV	5.1496G	49.52	54.00	-4.48	46.28	3	Vertical	97	2.37	-	32.70	5.17	34.63
PK	5.2174G	113.94	Inf	-Inf	110.55	3	Vertical	97	2.37	-	32.83	5.22	34.66
AV	5.2216G	104.70	Inf	-Inf	101.30	3	Vertical	97	2.37	-	32.84	5.22	34.66
PK	5.3512G	58.37	74.00	-15.63	54.63	3	Vertical	97	2.37	-	33.10	5.35	34.71
AV	5.3548G	45.11	54.00	-8.89	41.36	3	Vertical	97	2.37	-	33.11	5.35	34.71

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

08/10/2020

5230MHz_TX



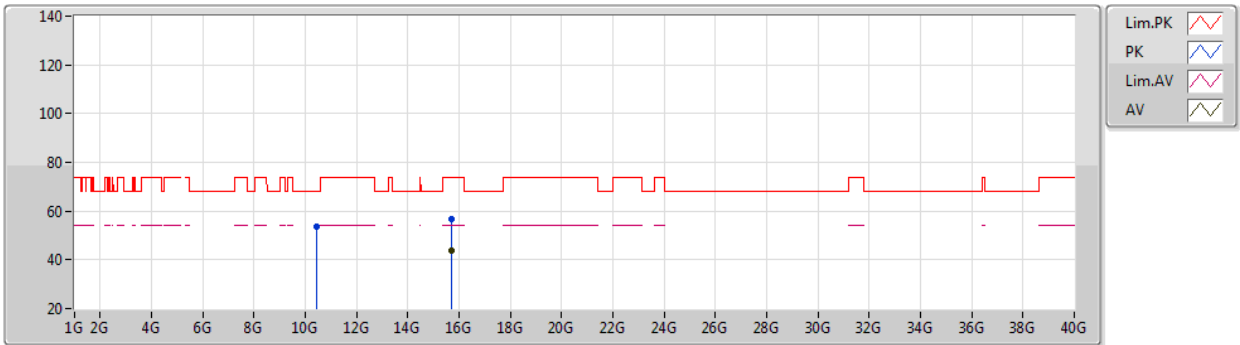
EUT Z_2TX
Setting 23
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1496G	58.70	74.00	-15.30	55.46	3	Horizontal	160	2.69	-	32.70	5.17	34.63
AV	5.15G	46.80	54.00	-7.20	43.56	3	Horizontal	160	2.69	-	32.70	5.17	34.63
PK	5.227G	111.77	Inf	-Inf	108.35	3	Horizontal	160	2.69	-	32.85	5.23	34.66
AV	5.2258G	100.22	Inf	-Inf	96.80	3	Horizontal	160	2.69	-	32.85	5.23	34.66
PK	5.3674G	57.40	74.00	-16.60	53.61	3	Horizontal	160	2.69	-	33.13	5.37	34.71
AV	5.3764G	45.09	54.00	-8.91	41.28	3	Horizontal	160	2.69	-	33.15	5.38	34.72

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

08/10/2020

5230MHz_TX



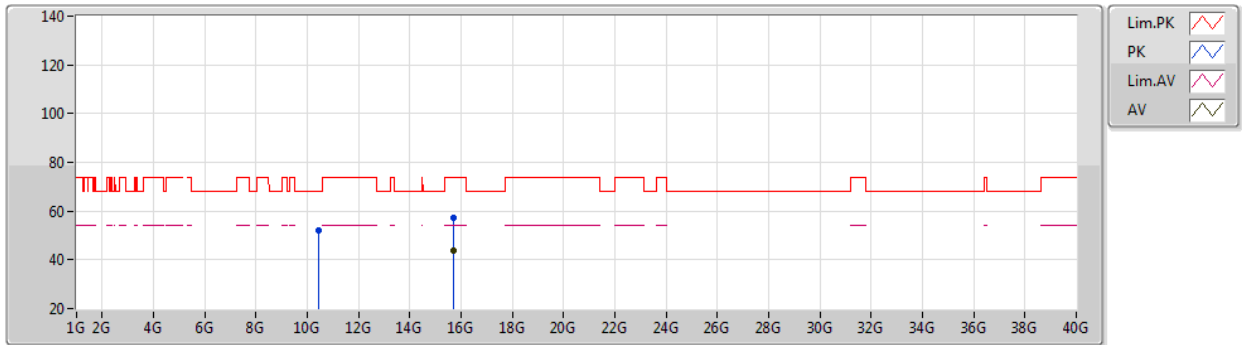
EUT Z_2TX
Setting 23
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.46346G	53.61	68.20	-14.59	43.02	3	Vertical	334	2.13	-	38.43	7.46	35.30
PK	15.69146G	56.74	74.00	-17.26	44.30	3	Vertical	270	1.21	-	38.18	9.24	34.98
AV	15.69318G	43.74	54.00	-10.26	31.29	3	Vertical	270	1.21	-	38.19	9.24	34.98

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

08/10/2020

5230MHz_TX



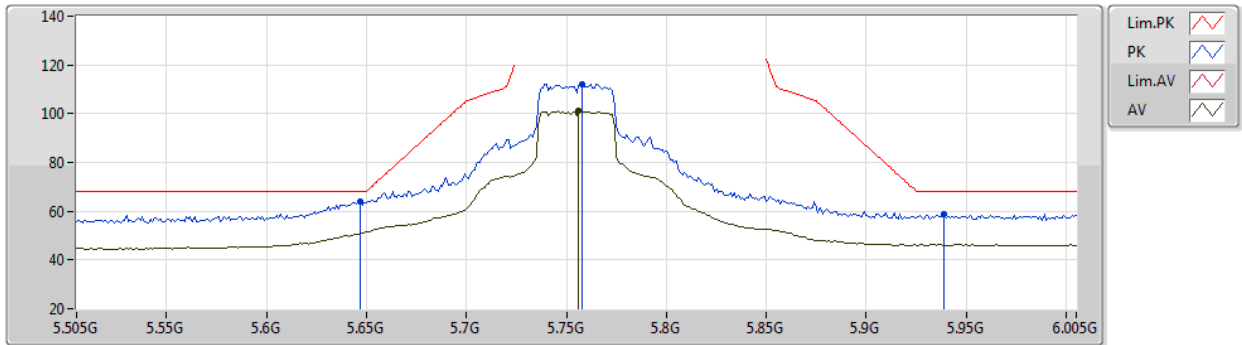
EUT_Z_2TX
Setting 23
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.45928G	52.09	68.20	-16.11	41.51	3	Horizontal	175	1.86	-	38.42	7.46	35.30
PK	15.6943G	57.43	74.00	-16.57	44.98	3	Horizontal	207	2.39	-	38.19	9.24	34.98
AV	15.69172G	43.78	54.00	-10.22	31.34	3	Horizontal	207	2.39	-	38.18	9.24	34.98

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

08/10/2020

5755MHz_TX



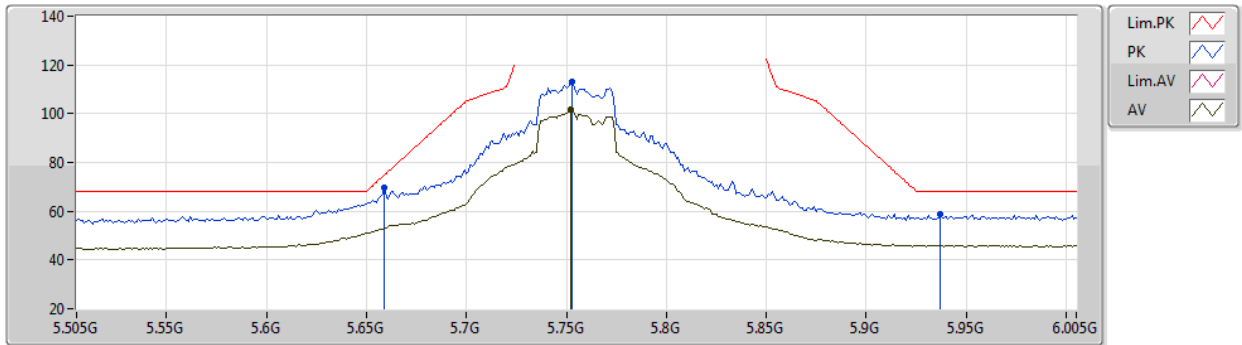
EUT Z_2TX
Setting 24
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.647G	64.01	68.20	-4.19	59.10	3	Vertical	277	2.54	-	34.19	5.42	34.70
PK	5.758G	112.31	Inf	-Inf	107.19	3	Vertical	277	2.54	-	34.30	5.48	34.66
AV	5.756G	101.11	Inf	-Inf	95.99	3	Vertical	277	2.54	-	34.30	5.48	34.66
PK	5.939G	58.87	68.20	-9.33	52.85	3	Vertical	277	2.54	-	35.11	5.50	34.59

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

08/10/2020

5755MHz_TX



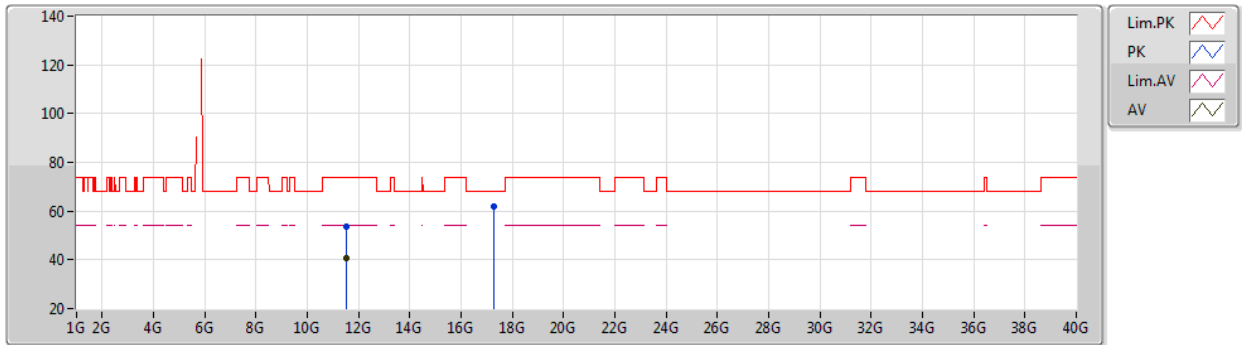
EUT_Z_2TX
Setting 24
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.659G	69.82	74.86	-5.04	64.93	3	Horizontal	20	2.45	-	34.16	5.43	34.70
PK	5.753G	112.90	Inf	-Inf	107.78	3	Horizontal	20	2.45	-	34.30	5.48	34.66
AV	5.752G	101.81	Inf	-Inf	96.69	3	Horizontal	20	2.45	-	34.30	5.48	34.66
PK	5.937G	58.55	68.20	-9.65	52.54	3	Horizontal	20	2.45	-	35.10	5.50	34.59

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

08/10/2020

5755MHz_TX



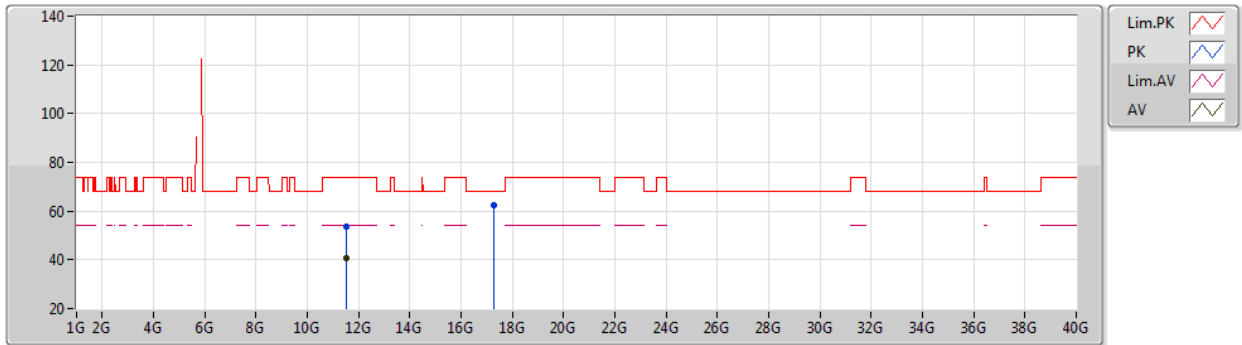
EUT Z_2TX
Setting 24
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.50658G	53.54	74.00	-20.46	42.13	3	Vertical	113	1.79	-	38.41	7.83	34.83
AV	11.51314G	40.56	54.00	-13.44	29.15	3	Vertical	113	1.79	-	38.41	7.83	34.83
PK	17.26082G	61.97	68.20	-6.23	44.35	3	Vertical	226	2.23	-	41.76	9.74	33.88

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

08/10/2020

5755MHz_TX



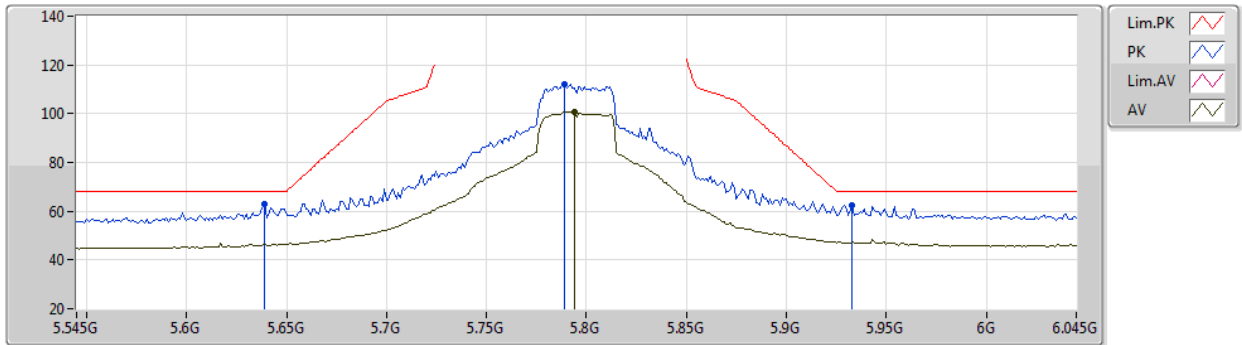
EUT Z_2TX
Setting 24
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5142G	53.60	74.00	-20.40	42.20	3	Horizontal	54	1.77	-	38.41	7.83	34.84
AV	11.51254G	40.62	54.00	-13.38	29.21	3	Horizontal	54	1.77	-	38.41	7.83	34.83
PK	17.2607G	62.39	68.20	-5.81	44.77	3	Horizontal	280	2.79	-	41.76	9.74	33.88

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

08/10/2020

5795MHz_TX



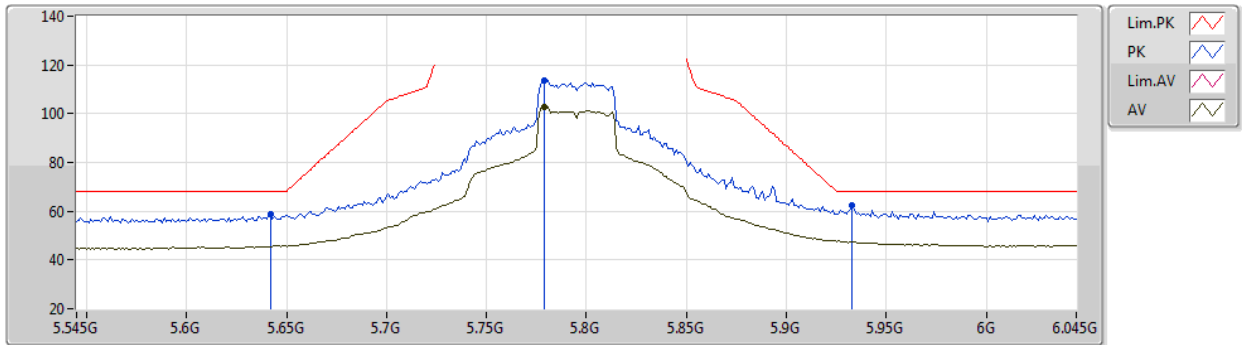
EUT Z_2TX
Setting 24
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.639G	62.92	68.20	-5.28	58.05	3	Vertical	253	2.35	-	34.16	5.42	34.71
PK	5.789G	112.22	Inf	-Inf	107.08	3	Vertical	253	2.35	-	34.30	5.49	34.65
AV	5.794G	100.79	Inf	-Inf	95.64	3	Vertical	253	2.35	-	34.30	5.50	34.65
PK	5.933G	62.27	68.20	-5.93	56.31	3	Vertical	253	2.35	-	35.06	5.50	34.60

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

08/10/2020

5795MHz_TX



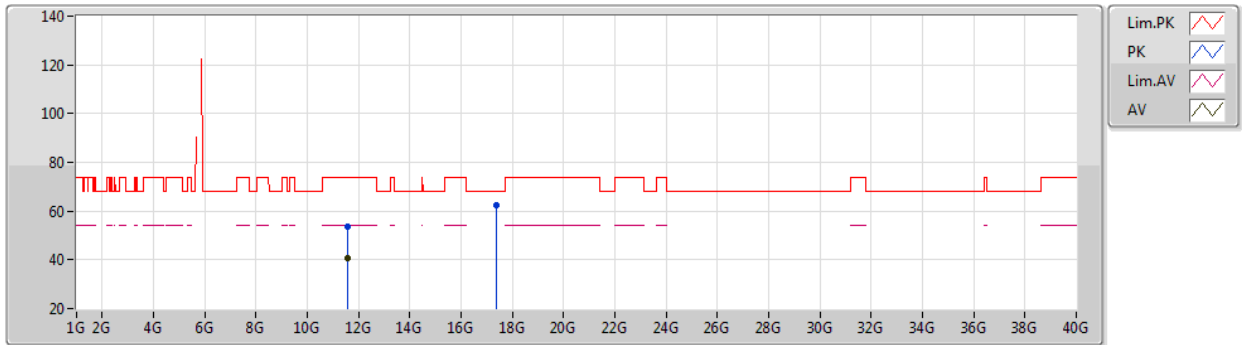
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Setting 24
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.642G	58.99	68.20	-9.21	54.11	3	Horizontal	12	1.00	-	34.17	5.42	34.71
PK	5.779G	113.54	Inf	-Inf	108.40	3	Horizontal	12	1.00	-	34.30	5.49	34.65
AV	5.779G	102.99	Inf	-Inf	97.85	3	Horizontal	12	1.00	-	34.30	5.49	34.65
PK	5.933G	62.48	68.20	-5.72	56.52	3	Horizontal	12	1.00	-	35.06	5.50	34.60

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

08/10/2020

5795MHz_TX



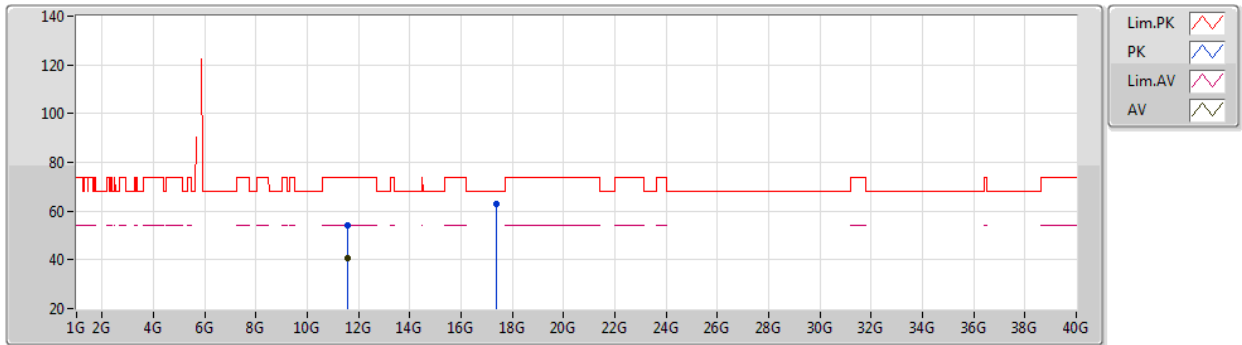
EUT_Z_2TX
Setting 24
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.58938G	53.86	74.00	-20.14	42.37	3	Vertical	335	2.42	-	38.49	7.86	34.86
AV	11.59098G	40.49	54.00	-13.51	29.00	3	Vertical	335	2.42	-	38.49	7.86	34.86
PK	17.38374G	62.26	68.20	-5.94	44.32	3	Vertical	347	2.22	-	42.13	9.78	33.97

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

08/10/2020

5795MHz_TX



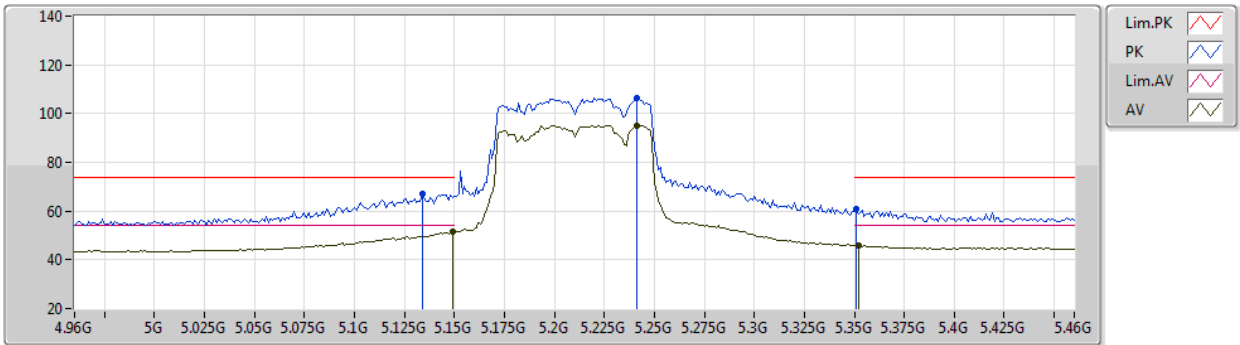
EUT Z_2TX
Setting 24
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.58546G	53.93	74.00	-20.07	42.45	3	Horizontal	133	2.02	-	38.49	7.85	34.86
AV	11.5918G	40.44	54.00	-13.56	28.95	3	Horizontal	133	2.02	-	38.49	7.86	34.86
PK	17.38994G	62.91	68.20	-5.29	44.93	3	Horizontal	51	1.56	-	42.16	9.79	33.97

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

08/10/2020

5210MHz_TX



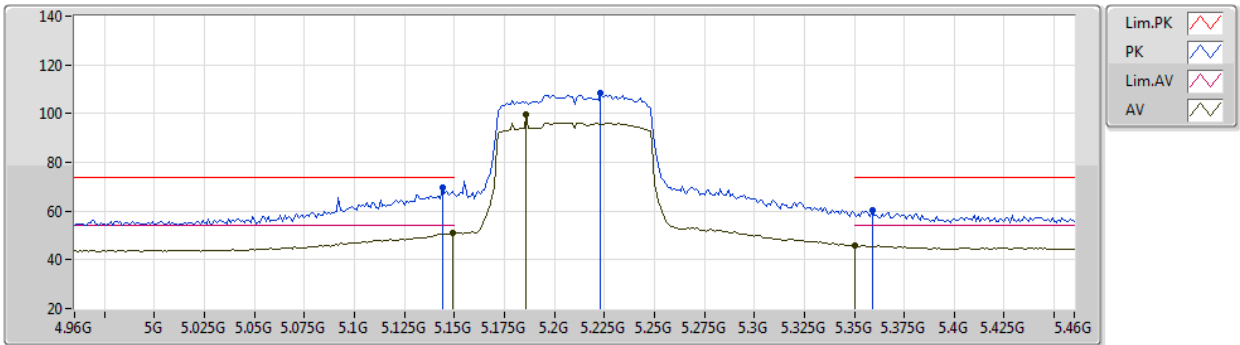
EUT_Z_2TX
Setting 22
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.134G	67.11	74.00	-6.89	63.84	3	Vertical	114	2.33	-	32.73	5.17	34.63
AV	5.149G	51.39	54.00	-2.61	48.15	3	Vertical	114	2.33	-	32.70	5.17	34.63
PK	5.241G	106.61	Inf	-Inf	103.16	3	Vertical	114	2.33	-	32.88	5.24	34.67
AV	5.241G	95.23	Inf	-Inf	91.78	3	Vertical	114	2.33	-	32.88	5.24	34.67
PK	5.351G	61.09	74.00	-12.91	57.35	3	Vertical	114	2.33	-	33.10	5.35	34.71
AV	5.352G	45.82	54.00	-8.18	42.08	3	Vertical	114	2.33	-	33.10	5.35	34.71

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

08/10/2020

5210MHz_TX



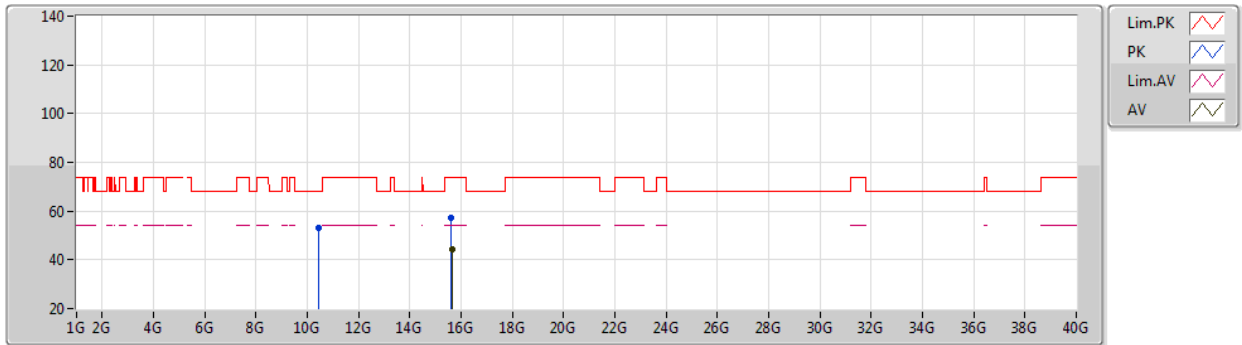
EUT_Z_2TX
Setting 22
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.144G	69.56	74.00	-4.44	66.31	3	Horizontal	67	2.68	-	32.71	5.17	34.63
AV	5.149G	50.90	54.00	-3.10	47.66	3	Horizontal	67	2.68	-	32.70	5.17	34.63
PK	5.223G	108.26	Inf	-Inf	104.85	3	Horizontal	67	2.68	-	32.85	5.22	34.66
AV	5.186G	99.68	Inf	-Inf	96.37	3	Horizontal	67	2.68	-	32.77	5.19	34.65
PK	5.359G	60.33	74.00	-13.67	56.56	3	Horizontal	67	2.68	-	33.12	5.36	34.71
AV	5.35G	45.82	54.00	-8.18	42.08	3	Horizontal	67	2.68	-	33.10	5.35	34.71

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

08/10/2020

5210MHz_TX



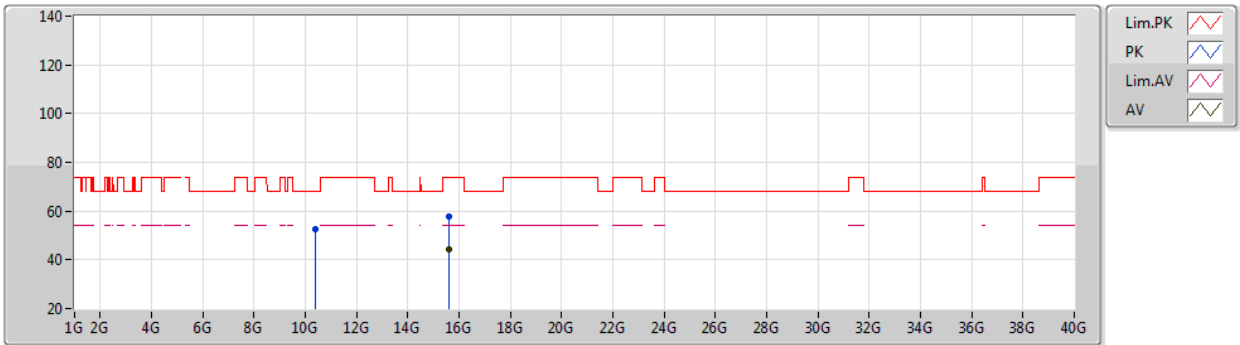
EUT Z_2TX
Setting 22
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.41828G	53.30	68.20	-14.90	42.84	3	Vertical	146	2.24	-	38.34	7.45	35.33
PK	15.62672G	57.12	74.00	-16.88	44.75	3	Vertical	106	2.33	-	38.05	9.23	34.91
AV	15.63296G	44.30	54.00	-9.70	31.92	3	Vertical	106	2.33	-	38.07	9.23	34.92

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

08/10/2020

5210MHz_TX



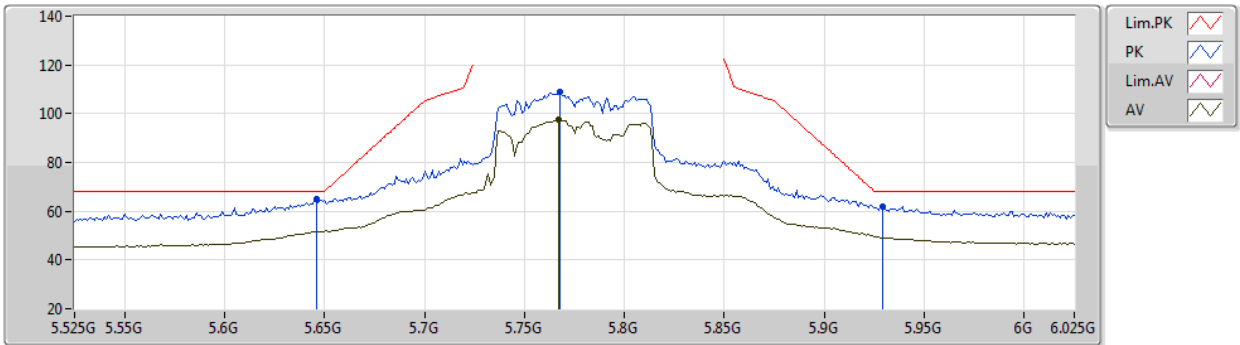
EUT_Z_2TX
Setting 22
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.41802G	52.39	68.20	-15.81	41.93	3	Horizontal	233	1.55	-	38.34	7.45	35.33
PK	15.62622G	57.80	74.00	-16.20	45.43	3	Horizontal	128	1.86	-	38.05	9.23	34.91
AV	15.62984G	44.21	54.00	-9.79	31.83	3	Horizontal	128	1.86	-	38.06	9.23	34.91

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

08/10/2020

5775MHz_TX



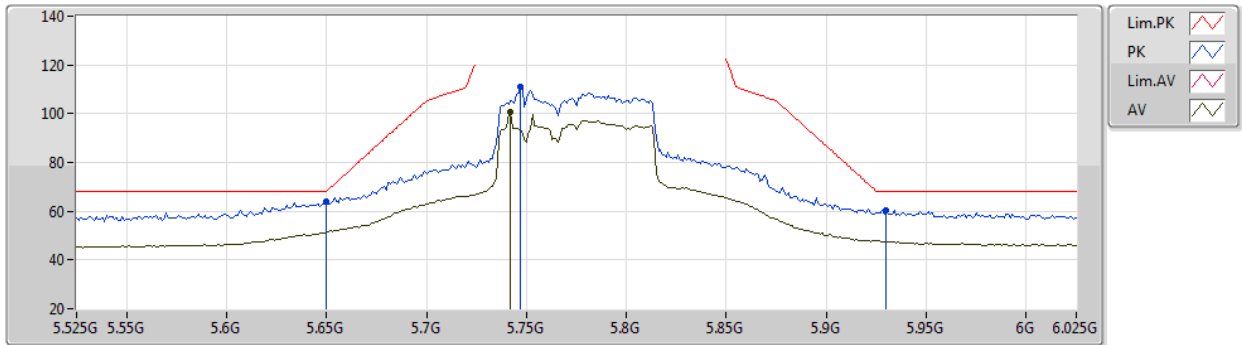
EUT_Z_2TX
Setting 24
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.646G	65.03	68.20	-3.17	60.13	3	Vertical	290	2.54	-	34.18	5.42	34.70
PK	5.768G	109.09	Inf	-Inf	103.97	3	Vertical	290	2.54	-	34.30	5.48	34.66
AV	5.767G	97.37	Inf	-Inf	92.25	3	Vertical	290	2.54	-	34.30	5.48	34.66
PK	5.929G	61.81	68.20	-6.39	55.88	3	Vertical	290	2.54	-	35.03	5.50	34.60

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

08/10/2020

5775MHz_TX



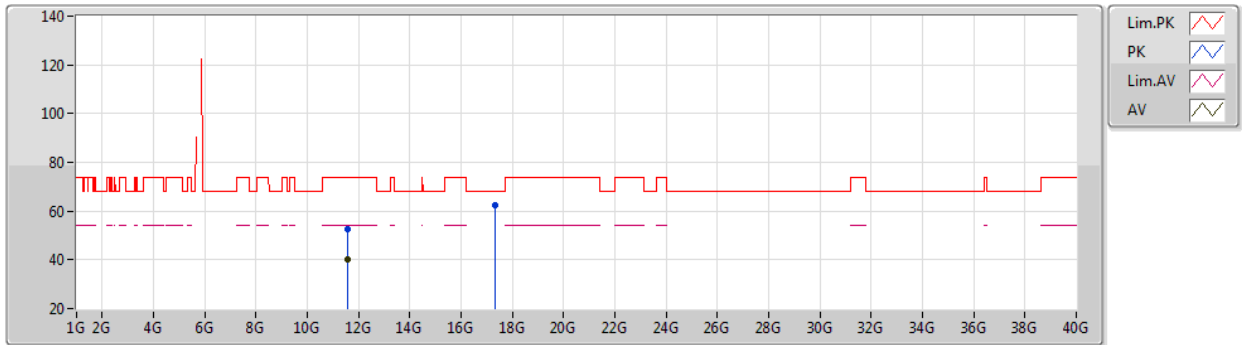
EUT_Z_2TX
Setting 24
01-A-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.65G	63.94	68.20	-4.26	59.01	3	Horizontal	20	1.08	-	34.20	5.43	34.70
PK	5.747G	111.06	Inf	-Inf	105.98	3	Horizontal	20	1.08	-	34.28	5.47	34.67
AV	5.742G	100.85	Inf	-Inf	95.80	3	Horizontal	20	1.08	-	34.25	5.47	34.67
PK	5.93G	60.30	68.20	-7.90	54.36	3	Horizontal	20	1.08	-	35.04	5.50	34.60

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

08/10/2020

5775MHz_TX



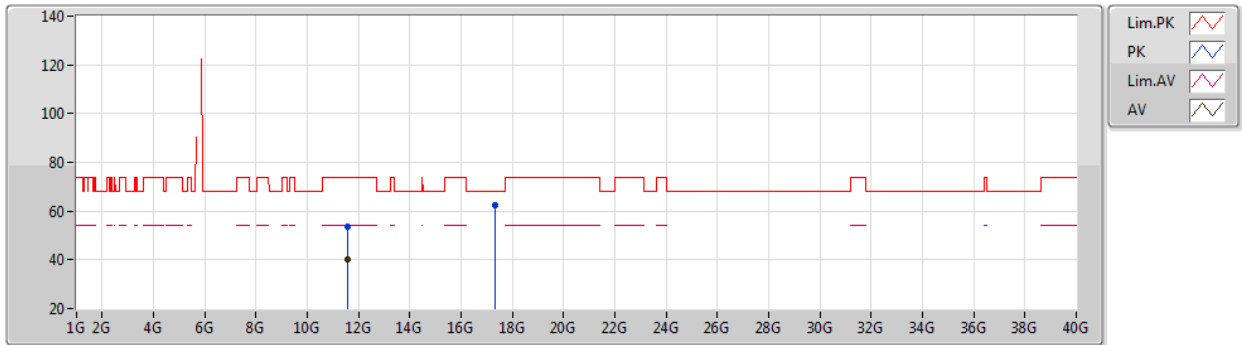
EUT_Z_2TX
Setting 24
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.54962G	52.78	74.00	-21.22	41.34	3	Vertical	357	1.31	-	38.45	7.84	34.85
AV	11.55238G	40.38	54.00	-13.62	28.94	3	Vertical	357	1.31	-	38.45	7.84	34.85
PK	17.32234G	62.36	68.20	-5.84	44.63	3	Vertical	242	2.03	-	41.89	9.76	33.92

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

08/10/2020

5775MHz_TX



EUT_Z_2TX
Setting 24
01-A-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.55484G	53.58	74.00	-20.42	42.14	3	Horizontal	257	2.01	-	38.45	7.84	34.85
AV	11.54962G	40.34	54.00	-13.66	28.90	3	Horizontal	257	2.01	-	38.45	7.84	34.85
PK	17.3226G	62.42	68.20	-5.78	44.69	3	Horizontal	92	2.50	-	41.89	9.76	33.92



<EUT 2>

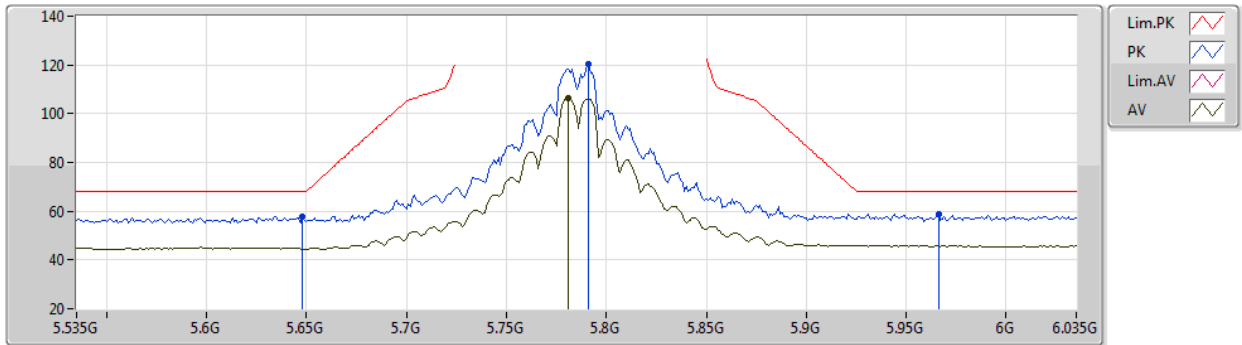
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	17.3644G	64.88	68.20	-3.32	3	Horizontal	134	1.88	-

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5785MHz_TX



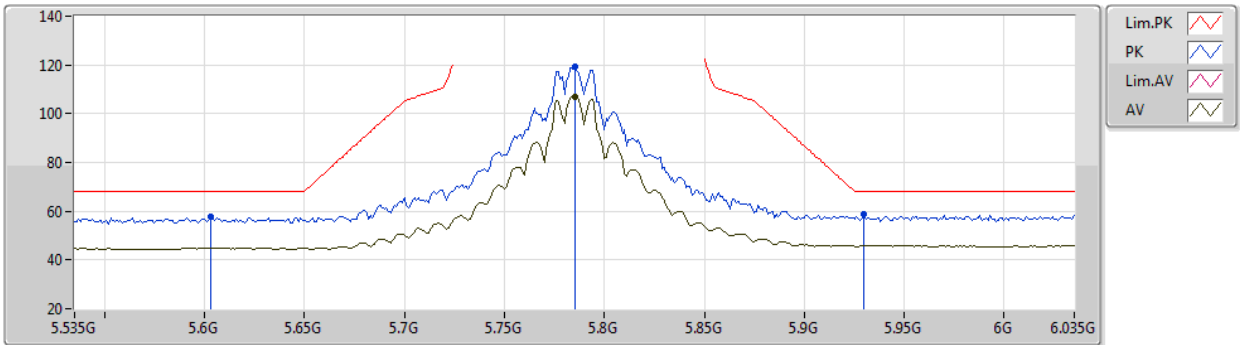
EUT_Z_2TX
Setting 24
06-D-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.648G	57.89	68.20	-10.31	52.97	3	Vertical	118	2.07	-	31.50	5.22	31.80
PK	5.791G	120.26	Inf	-Inf	114.71	3	Vertical	118	2.07	-	31.98	5.30	31.73
AV	5.781G	106.56	Inf	-Inf	101.05	3	Vertical	118	2.07	-	31.96	5.29	31.74
PK	5.966G	58.82	68.20	-9.38	52.70	3	Vertical	118	2.07	-	32.30	5.47	31.65

802.11ax HEW20_Nss1,(MCS0)_2TX

08/10/2020

5785MHz_TX



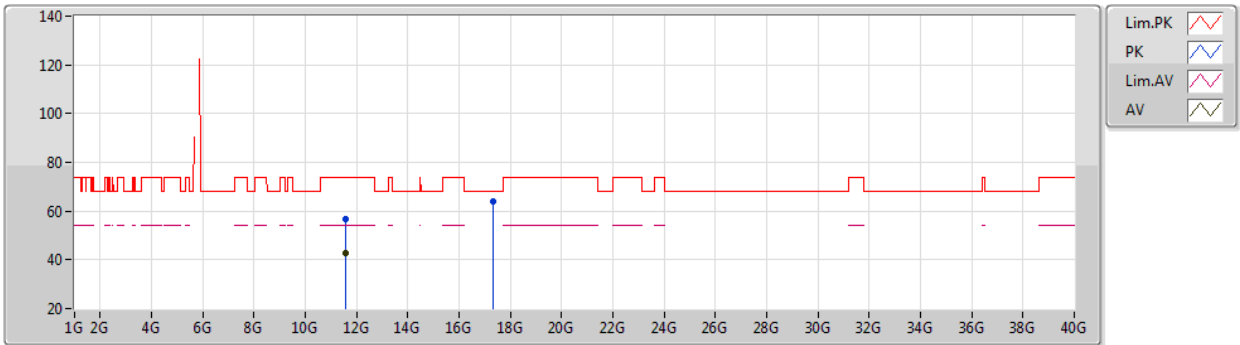
EUT Z_2TX
Setting 24
06-D-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.603G	57.61	68.20	-10.59	52.73	3	Horizontal	89	1.00	-	31.50	5.20	31.82
PK	5.785G	119.25	Inf	-Inf	113.72	3	Horizontal	89	1.00	-	31.97	5.29	31.73
AV	5.785G	107.03	Inf	-Inf	101.50	3	Horizontal	89	1.00	-	31.97	5.29	31.73
PK	5.93G	58.76	68.20	-9.44	52.69	3	Horizontal	89	1.00	-	32.30	5.43	31.66

802.11ax HEW20_Nss1,(MCS0)_2TX

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5785MHz_TX



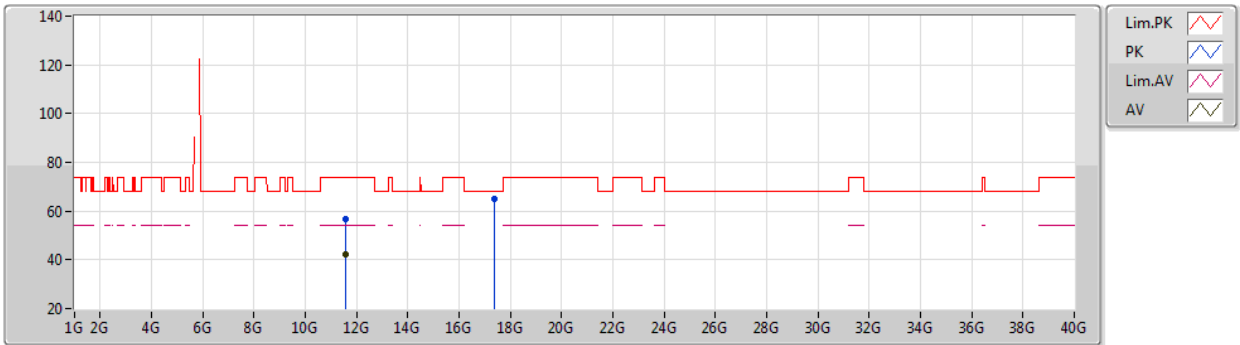
EUT_Z_2TX
Setting 24
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.57692G	56.58	74.00	-17.42	42.76	3	Vertical	190	1.80	-	39.69	8.33	34.20
AV	11.57592G	42.53	54.00	-11.47	28.70	3	Vertical	190	1.80	-	39.70	8.33	34.20
PK	17.34716G	64.20	68.20	-4.00	45.26	3	Vertical	150	1.80	-	41.62	11.54	34.22

802.11ax HEW20_Nss1,(MCS0)_2TX

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5785MHz_TX



EUT_Z_2TX
Setting 24
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.57384G	56.66	74.00	-17.34	42.83	3	Horizontal	143	1.80	-	39.70	8.33	34.20
AV	11.56996G	42.49	54.00	-11.51	28.64	3	Horizontal	143	1.80	-	39.72	8.33	34.20
PK	17.3644G	64.88	68.20	-3.32	45.75	3	Horizontal	134	1.88	-	41.78	11.56	34.21