

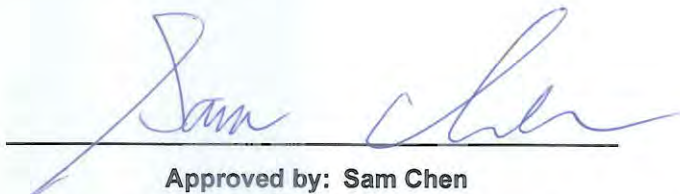


FCC RADIO TEST REPORT

FCC ID : NKRRXAM-JD1
Equipment : 802.11 abgn/ac/ax Access Point
Brand Name : WNC
Model Name : RXAM-JD1
Applicant : Wistron NeWeb Corporation
20 Park Avenue II, Hsinchu Science Park, Hsinchu 308 Taiwan
Manufacturer : Wistron NeWeb Corporation
20 Park Avenue II, Hsinchu Science Park, Hsinchu 308 Taiwan
Standard : 47 CFR FCC Part 15.407

The product was received on May 26, 2020, and testing was started from May 26, 2020 and completed on Jul. 08, 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
0	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	4TX
5.15-5.25GHz	802.11n HT20	20	4TX
5.15-5.25GHz	802.11n HT20-BF	20	4TX
5.15-5.25GHz	802.11ac VHT20	20	4TX
5.15-5.25GHz	802.11ac VHT20-BF	20	4TX
5.15-5.25GHz	802.11ax HEW20	20	4TX
5.15-5.25GHz	802.11ax HEW20-BF	20	4TX
5.15-5.25GHz	802.11n HT40	40	4TX
5.15-5.25GHz	802.11n HT40-BF	40	4TX
5.15-5.25GHz	802.11ac VHT40	40	4TX
5.15-5.25GHz	802.11ac VHT40-BF	40	4TX
5.15-5.25GHz	802.11ax HEW40	40	4TX
5.15-5.25GHz	802.11ax HEW40-BF	40	4TX
5.15-5.25GHz	802.11n HT80	80	4TX
5.15-5.25GHz	802.11n HT80-BF	80	4TX
5.15-5.25GHz	802.11ac VHT80	80	4TX
5.15-5.25GHz	802.11ac VHT80-BF	80	4TX
5.15-5.25GHz	802.11ax HEW80	80	4TX
5.15-5.25GHz	802.11ax HEW80-BF	80	4TX
5.725-5.85GHz	802.11a	20	4TX
5.725-5.85GHz	802.11n HT20	20	4TX

Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11n HT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11n HT40	40	4TX
5.725-5.85GHz	802.11n HT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11n HT80	80	4TX
5.725-5.85GHz	802.11n HT80-BF	80	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX

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, HEW80 and HEW160 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	Gain (dBi)	
	WLAN 2.4GHz	WLAN 5GHz					WLAN 2.4GHz	WLAN 5GHz
1	2	3	WNC	95XKAM15.G20	PIFA	I-PEX	3.0	6.9
2	4	1	WNC	95XKAM15.G19	PIFA	I-PEX	3.0	6.2
3	3	2	WNC	95XKAM15.G18	PIFA	I-PEX	2.9	4.7
4	1	4	WNC	95XKAM15.G21	PIFA	I-PEX	4.4	6.7
Ant.	Port		Brand	Model Name	Type	Connector	Gain (dBi)	
							Bluetooth	
5	1		WNC	95XKAM15.G22	PIFA	I-PEX	6.8	

Note1: The above information was declared by manufacturer.

Note2: The EUT has five antennas.

For 2.4GHz WLAN function, 802.11b/g/n/VHT/ax mode (4TX/4RX):

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For 5GHz WLAN function, 802.11a/n/ac/ax mode (4TX/4RX):

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Bluetooth function (1TX/1RX):

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

1.1.3 Mode Test Duty Cycle

For non-beamforming function:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW20	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW40	0.982	0.08	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW80	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

For beamforming function:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF	0.947	0.24	4.366m	300
802.11ax HEW40-BF	0.945	0.25	4.37m	300
802.11ax HEW80-BF	0.942	0.26	4.505m	300

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From 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	DutApiMimoApApp V0.0.1.39			

Note: 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	TH01-CB	Serway Li	25.4~26.6°C / 54~57%	Jun. 13, 2020~Jun. 23, 2020
Radiated Below 1GHz	03CH04-CB	Eason Chen	23.7~25.6°C / 63~70%	May 26, 2020
Radiated Above 1GHz (Co-location)	03CH05-CB	Eason Chen	24.8~25.9°C / 61~64%	Jul. 08, 2020
Radiated Above 1GHz (Other)	03CH06-CB	Eason Chen	24.8~26°C / 54~57%	Jun. 11, 2020~Jun. 19, 2020
AC Conduction	CO01-CB	Wei Li	24~25°C / 60~63%	May 27, 2020

Test site Designation No. TW0006 with FCC

Test site registered number IC 4086D with Industry Canada.

1.4 Measurement Uncertainty

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

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



2 Test Configuration of EUT

2.1 Test Channel Mode

For non-beamforming function:

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	17
5200MHz	17
5240MHz	17
5745MHz	20
5785MHz	20
5825MHz	20
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	17
5200MHz	17
5240MHz	17
5745MHz	20
5785MHz	20
5825MHz	20
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	15
5230MHz	20
5755MHz	20
5795MHz	20
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	13
5775MHz	18



For beamforming function:

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	15
5200MHz	16
5240MHz	16
5745MHz	16
5785MHz	16
5825MHz	16
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	14
5230MHz	16
5755MHz	16
5795MHz	16
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	11
5775MHz	16

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 (WLAN), CTX (Bluetooth)
1	WLAN 2.4GHz + WLAN 5GHz (Normal Link) + Bluetooth (CTX)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link (WLAN), CTX (Bluetooth)
1	WLAN 2.4GHz + WLAN 5GHz (Normal Link) + Bluetooth (CTX) - EUT in Z axis
2	WLAN 2.4GHz + WLAN 5GHz (Normal Link) + Bluetooth (CTX) - EUT in Y axis
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
1	EUT in Z axis
2	EUT in Y axis
Mode 2 has been evaluated to be the worst case after evaluating. Consequently, measurement will follow this same test mode.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
The EUT was performed at Y axis and Z axis position "EUT in Y axis" generated the worst test result for Emissions in Restricted Frequency Bands Above 1GHz test, thus the measurement for Radiated Emission Co-location test will follow this same test configuration.	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix F for Radiated Emission Co-location.	



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz + Bluetooth
Refer to Sporton Test Report No.: FA052068 for Co-location RF Exposure Evaluation.	

Note: The PoE are for measurement only, would not be marketed.

PoE information as below:

Equipment	Brand Name	Model Name	FCC ID
PoE	Microsemi	PD-9001GR/AT/AC	N/A
PoE	PHOHING	POEA30U-1ATE	N/A

2.3 EUT Operation during Test

For CTX Mode:

For non-beamforming function:

The EUT was programmed to be in continuously transmitting mode.

For beamforming function:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

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

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under ttermpro.exe.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by RX Device and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Bracket*1



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	Microsemi	PD-9001GR/AT/AC	N/A
B	ETH0/PoE PC	DELL	T3400	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A
E	ETH1/PoE PC	DELL	T3400	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	Microsemi	PD-9001GR/AT/AC	N/A
B	PC	DELL	T3400	N/A
C	2.4G NB	DELL	E4300	N/A
D	5G NB	DELL	E4300	N/A

For Radiated (above 1GHz):

For non-beamforming function:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	PHOHING	POEA30U-1ATE	N/A
B	NB	DELL	E4300	N/A

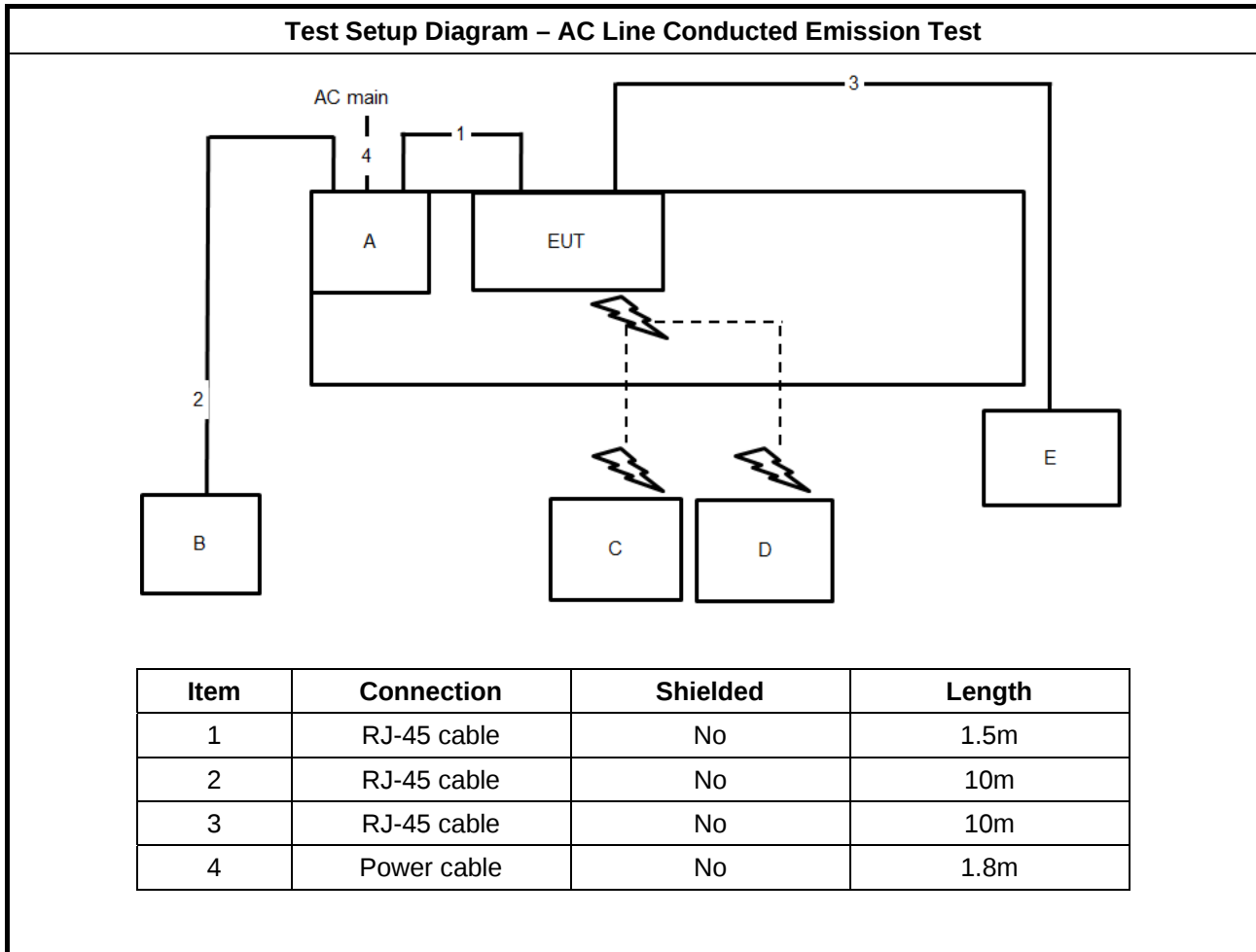
For beamforming function:

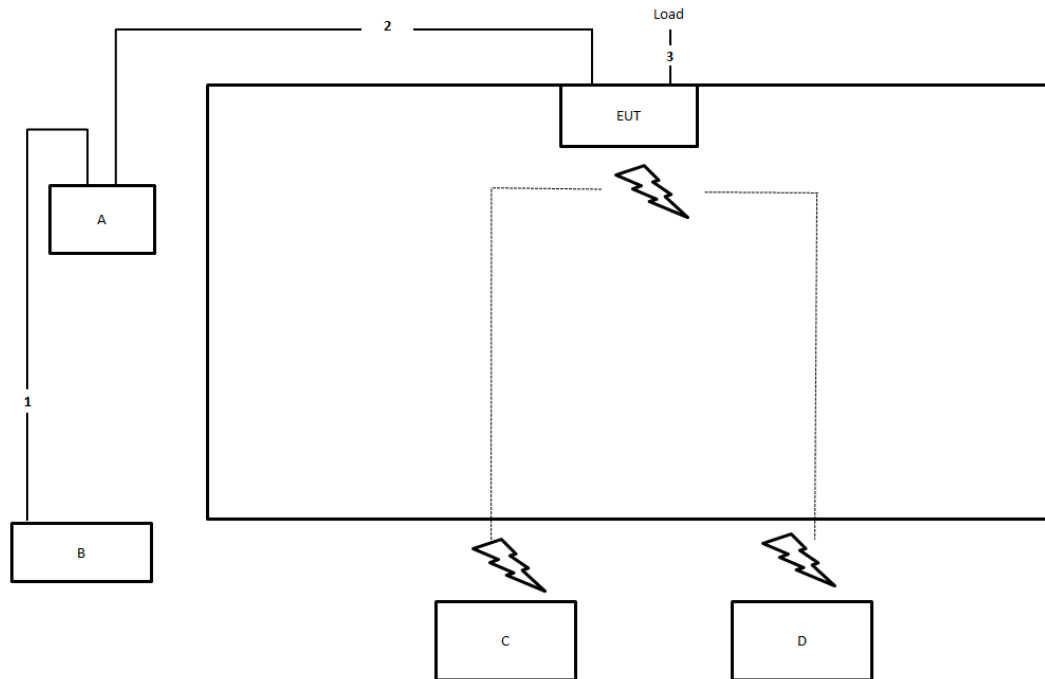
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	PHOHING	POEA30U-1ATE	N/A
B	NB	DELL	E4300	N/A
C	RX Device	WNC	RXAM-JD1	N/A
D	NB	DELL	E4300	N/A
E	PoE	PHOHING	POEA30U-1ATE	N/A

**For RF Conducted:**

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE	Microsemi	PD-9001GR/AT/AC	N/A

2.6 Test Setup Diagram

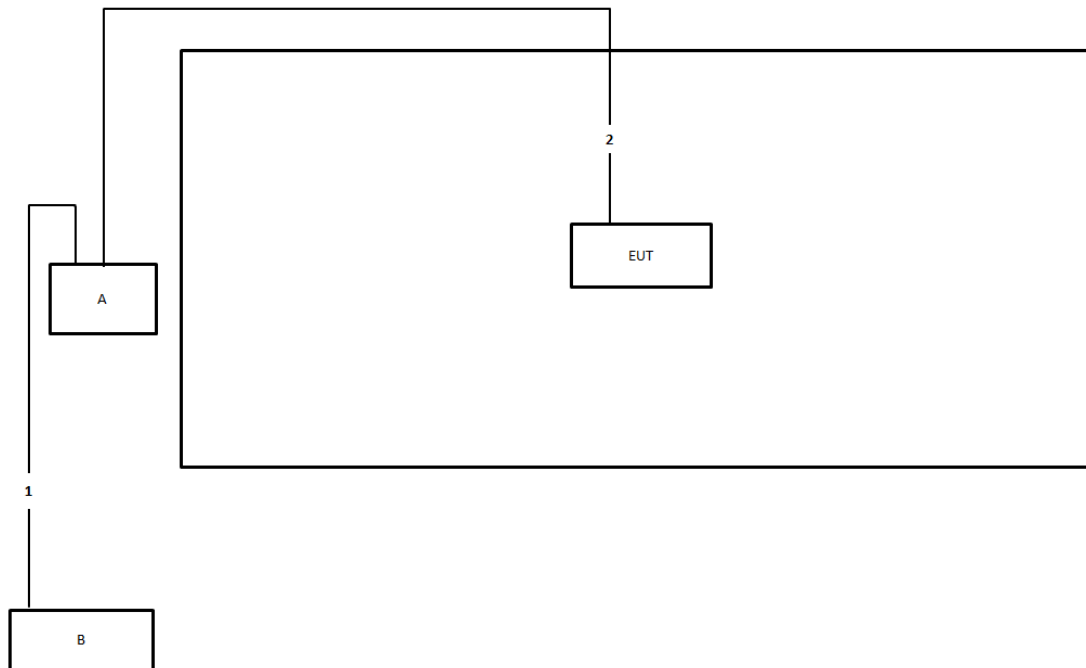


Test Setup Diagram - Radiated Test < 1GHz


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

Test Setup Diagram - Radiated Test > 1GHz

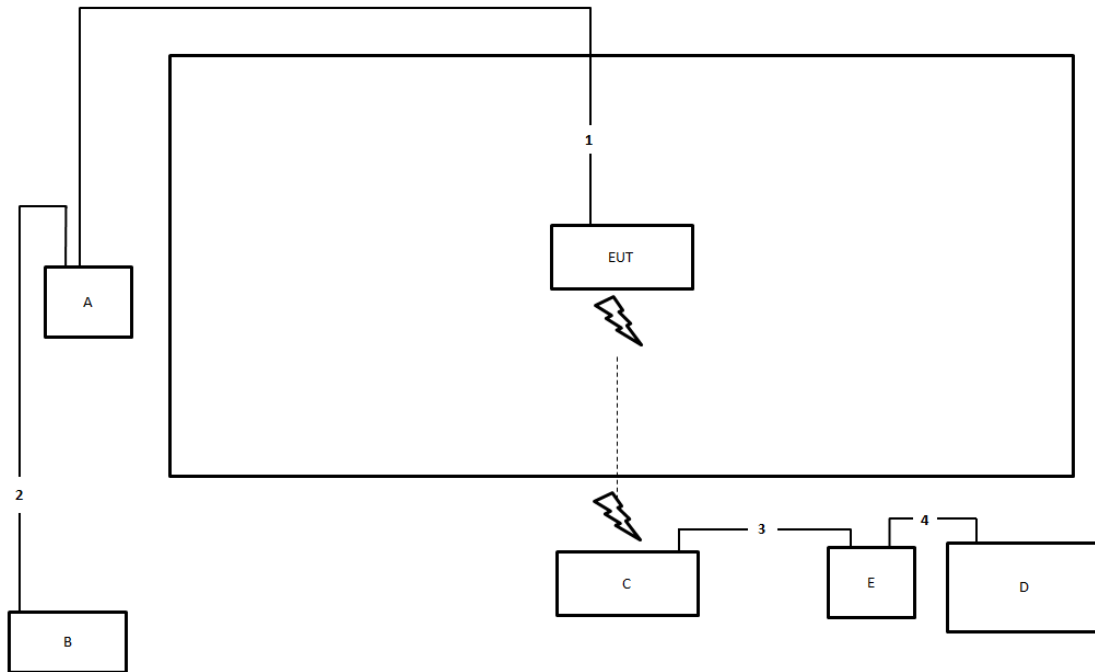
For non-beamforming function:



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

Test Setup Diagram - Radiated Test > 1GHz

For beamforming function:



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	1.5m
4	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.

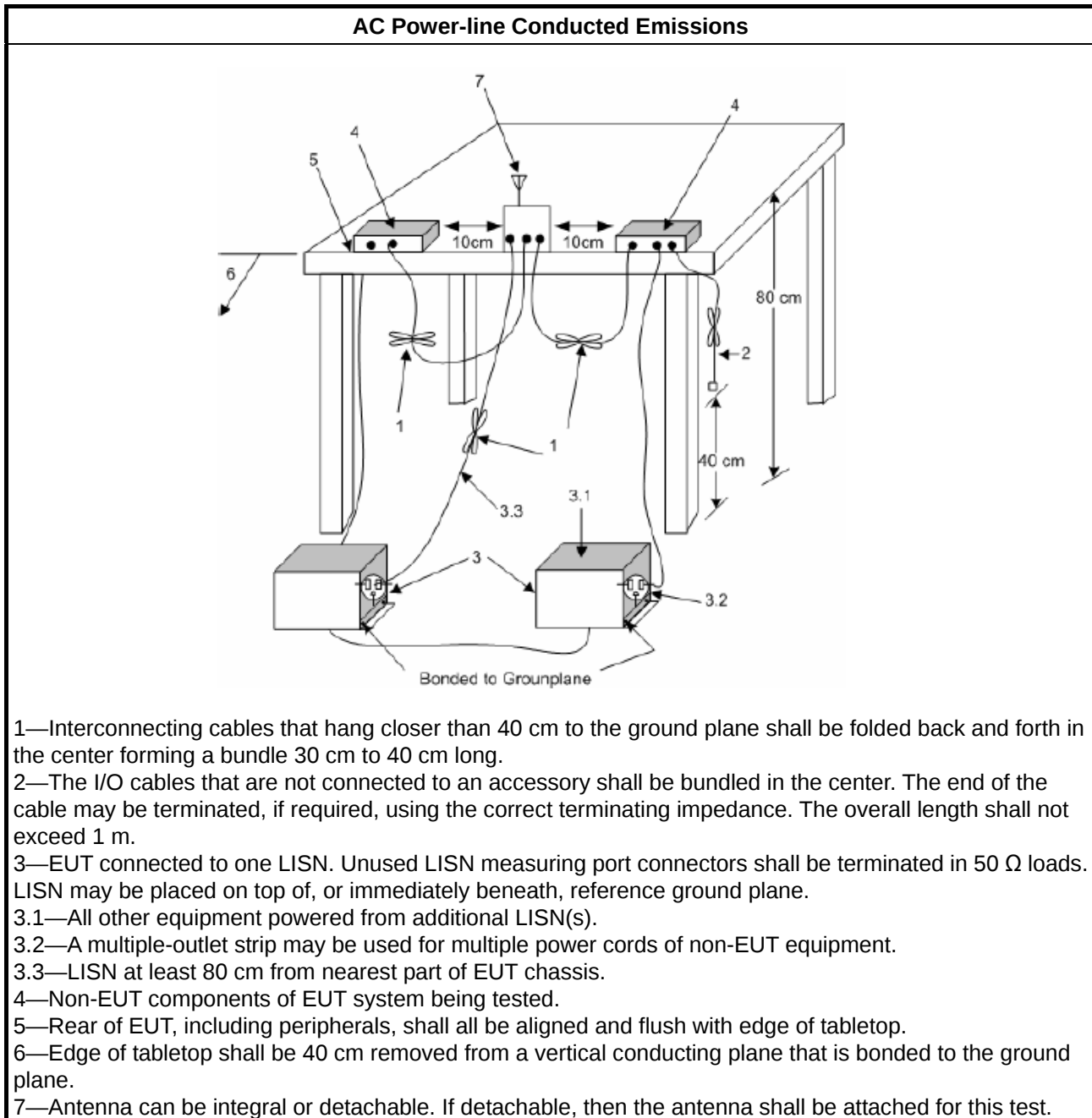
3.1.2 Measuring Instruments

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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☐	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, 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 $\geq 500\text{kHz}$.

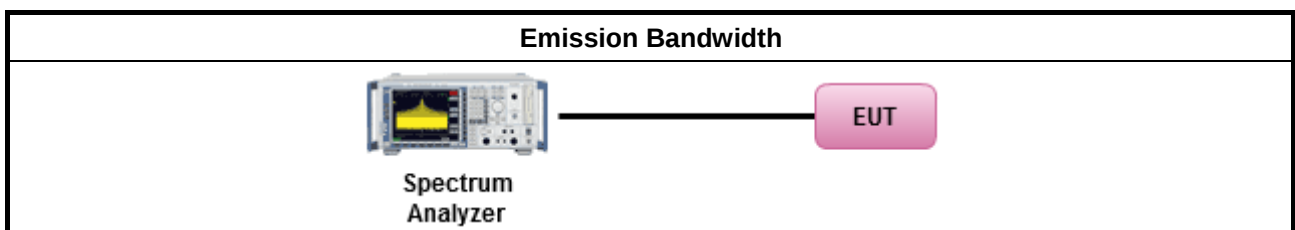
3.2.2 Measuring Instruments

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.	

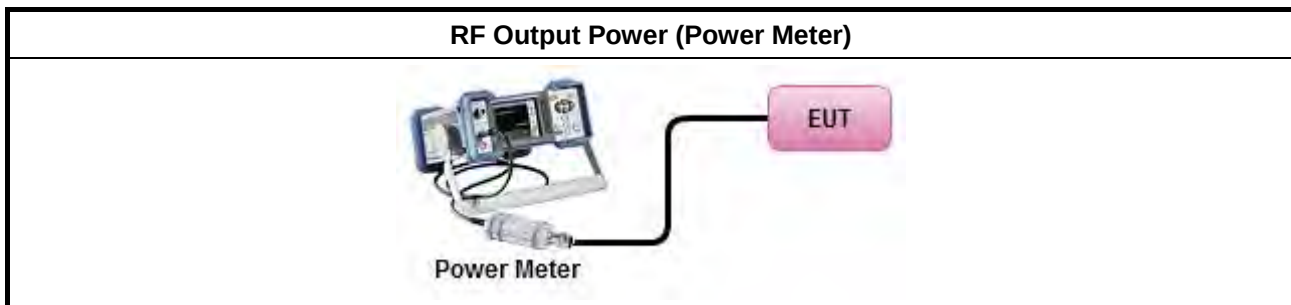
3.3.2 Measuring Instruments

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 (θ-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.	

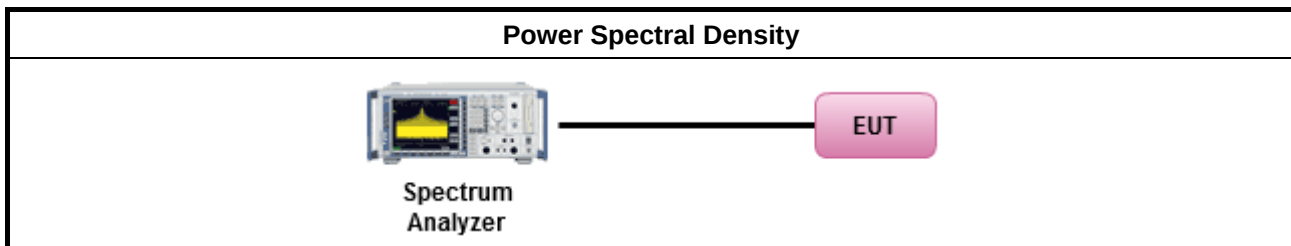
3.4.2 Measuring Instruments

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

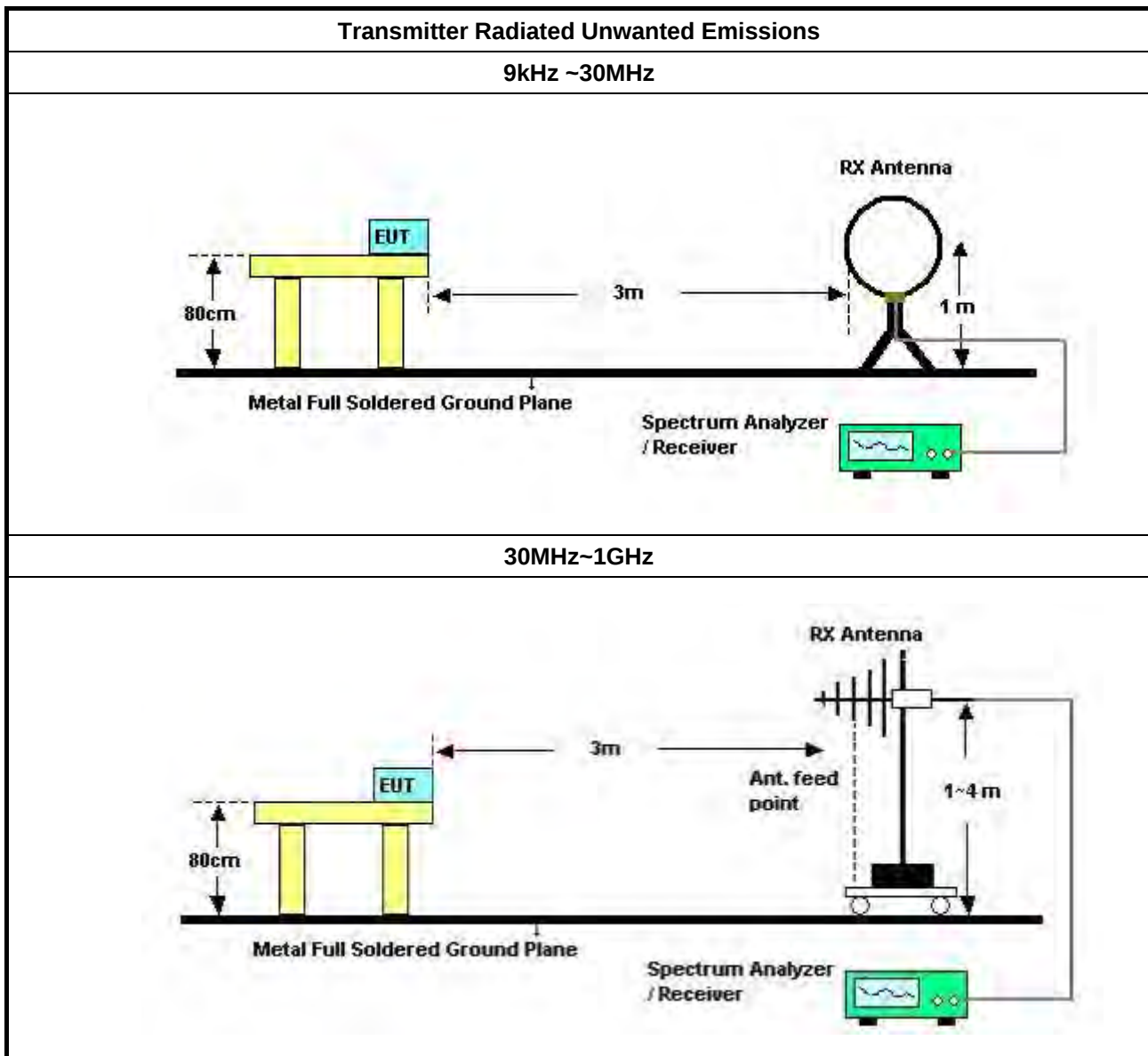
3.5.2 Measuring Instruments

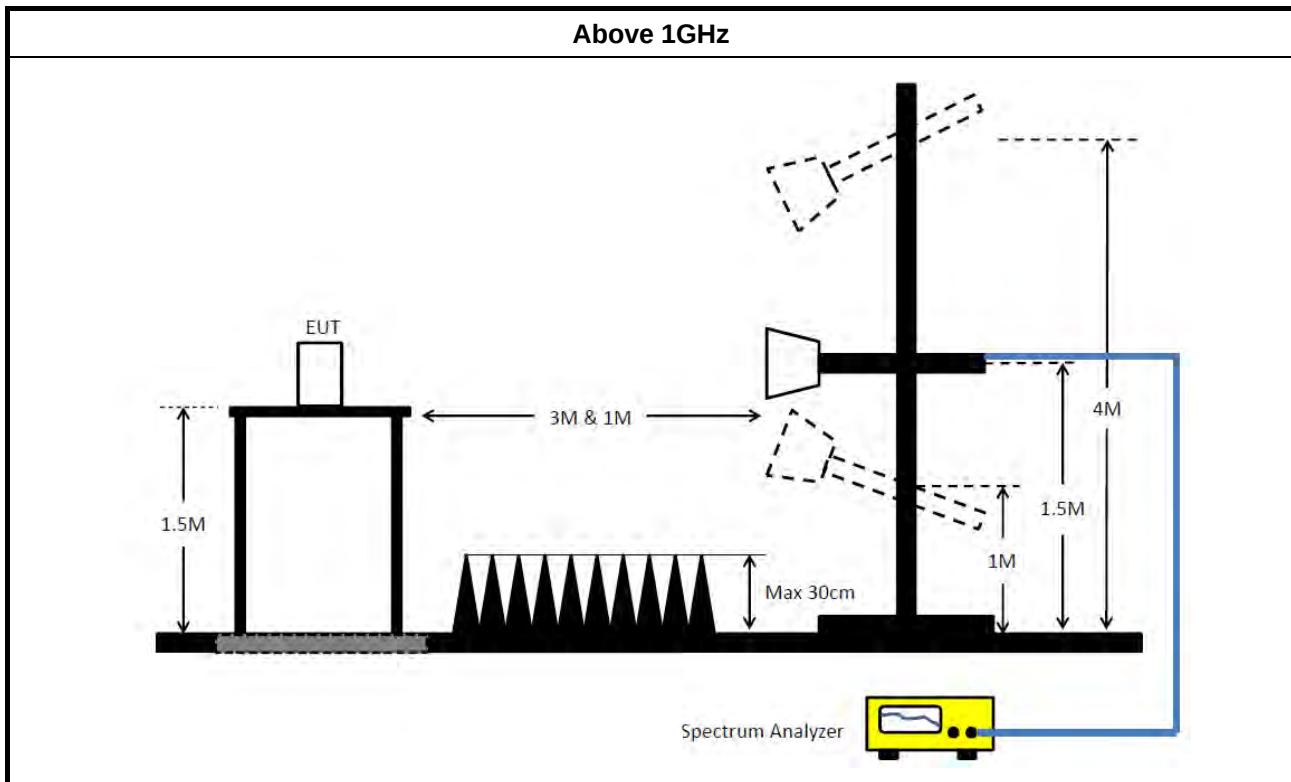
Refer a test equipment and calibration data table in this test report.

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 ≥ 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 + Cable Loss + Read Level - Preamp Factor (if applicable) = Level.

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10 harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Feb. 26, 2020	Feb. 25, 2021	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 25, 2019	Dec. 24, 2020	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Feb. 25, 2020	Feb. 24, 2021	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 31, 2020	Jan. 30, 2021	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 20, 2020	May 19, 2021	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N0 607	30MHz ~ 1GHz	Oct. 12, 2019	Oct. 11, 2020	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	310N	187291	0.1MHz ~ 1GHz	Mar. 19, 2020	Mar. 18, 2021	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Dec. 18, 2019	Dec. 17, 2020	Radiation (03CH04-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+22	30MHz ~ 1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1291	1GHz~18GHz	Oct. 05, 2019	Oct. 04, 2020	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 27, 2019	Jun. 26, 2020	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Apr. 15, 2020	Apr. 14, 2021	Radiation (03CH05-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 19, 2020	Jun. 18, 2021	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Aug. 15, 2019	Aug. 14, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Feb. 01, 2020	Jan. 31, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1292	1GHz~18GHz	Jul. 17, 2019	Jul. 16, 2020	Radiation (03CH06-CB)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 27, 2019	Jun. 26, 2020	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 07, 2020	May 06, 2021	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Oct. 21, 2019	Oct. 20, 2020	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05+24	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 05, 2020	May 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-28	1 GHz –26.5 GHz	Nov. 18, 2019	Nov. 17, 2020	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 07, 2020	Feb. 06, 2021	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 07, 2020	Feb. 06, 2021	Conducted (TH01-CB)

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

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



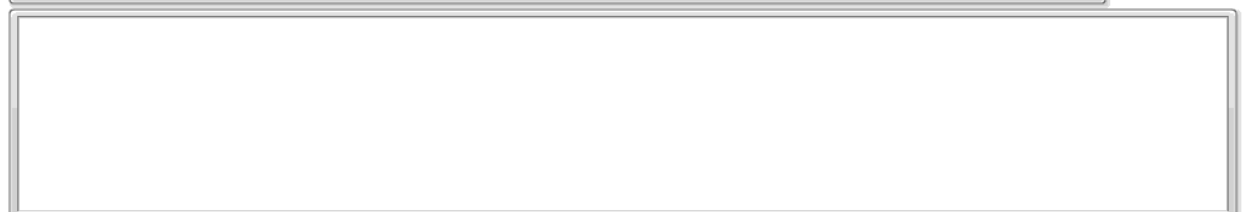
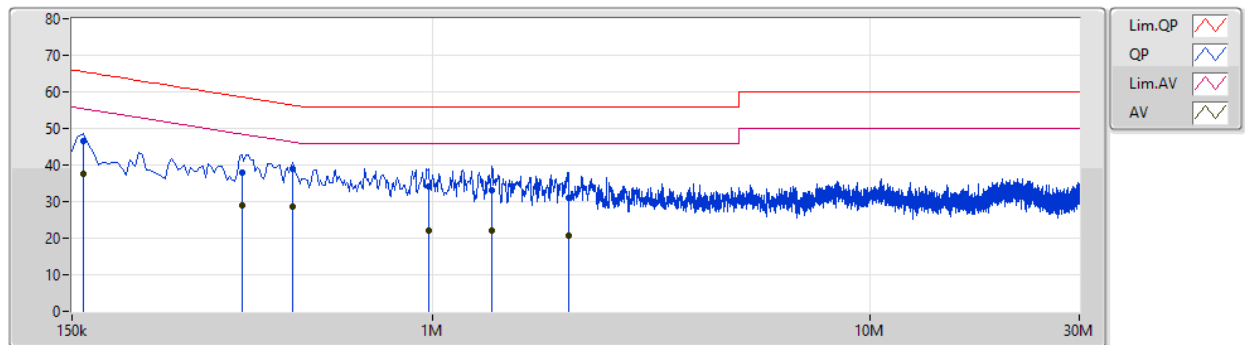
AC Power Port Conducted Emission Result

Appendix A

Summary

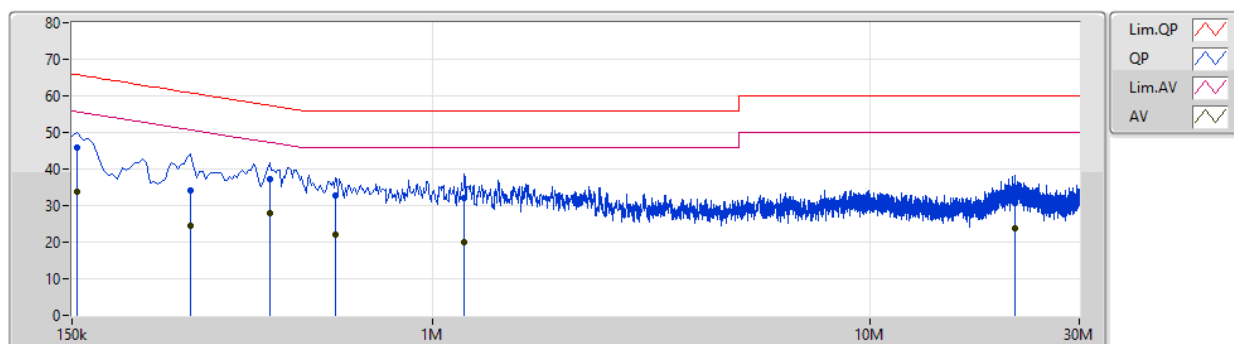
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition
Mode 1	Pass	QP	478.5k	39.01	56.36	-17.35	9.88	Line

27/05/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	AF (dB)	CL (dB)	AT (dB)			
QP	159k	46.43	65.52	-19.09	9.87	Line	-	36.56	0.05	0.03	9.79			
AV	159k	37.64	55.52	-17.88	9.87	Line	-	27.77	0.05	0.03	9.79			
QP	366k	37.96	58.60	-20.64	9.88	Line	-	28.08	0.04	0.03	9.81			
AV	366k	28.82	48.60	-19.78	9.88	Line	-	18.94	0.04	0.03	9.81			
QP	478.5k	39.01	56.36	-17.35	9.88	Line	"Worst"	29.13	0.04	0.03	9.81			
AV	478.5k	28.67	46.36	-17.69	9.88	Line	-	18.79	0.04	0.03	9.81			
QP	982.5k	33.97	56.00	-22.03	9.91	Line	-	24.06	0.05	0.04	9.82			
AV	982.5k	21.99	46.00	-24.01	9.91	Line	-	12.08	0.05	0.04	9.82			
QP	1.365M	33.17	56.00	-22.83	9.92	Line	-	23.25	0.05	0.05	9.82			
AV	1.365M	22.05	46.00	-23.95	9.92	Line	-	12.13	0.05	0.05	9.82			
QP	2.04M	31.06	56.00	-24.94	9.96	Line	-	21.10	0.06	0.07	9.83			
AV	2.04M	20.67	46.00	-25.33	9.96	Line	-	10.71	0.06	0.07	9.83			

27/05/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	AF (dB)	CL (dB)	AT (dB)			
QP	154.5k	45.91	65.75	-19.84	9.86	Neutral	-	36.05	0.04	0.03	9.79			
AV	154.5k	33.74	55.75	-22.01	9.86	Neutral	-	23.88	0.04	0.03	9.79			
QP	280.5k	34.14	60.80	-26.66	9.87	Neutral	-	24.27	0.04	0.03	9.80			
AV	280.5k	24.40	50.80	-26.40	9.87	Neutral	-	14.53	0.04	0.03	9.80			
QP	424.5k	37.22	57.36	-20.14	9.88	Neutral	-	27.34	0.04	0.03	9.81			
AV	424.5k	27.77	47.36	-19.59	9.88	Neutral	"Worst"	17.89	0.04	0.03	9.81			
QP	600k	32.80	56.00	-23.20	9.89	Neutral	-	22.91	0.05	0.03	9.81			
AV	600k	22.07	46.00	-23.93	9.89	Neutral	-	12.18	0.05	0.03	9.81			
QP	1.181M	32.10	56.00	-23.90	9.93	Neutral	-	22.17	0.06	0.05	9.82			
AV	1.181M	19.84	46.00	-26.16	9.93	Neutral	-	9.91	0.06	0.05	9.82			
QP	21.422M	30.53	60.00	-29.47	10.56	Neutral	-	19.97	0.23	0.33	10.00			
AV	21.422M	23.78	50.00	-26.22	10.56	Neutral	-	13.22	0.23	0.33	10.00			

For non-beamforming function:

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)_4TX	25.2M	16.702M	16M7D1D	19.56M	16.612M
802.11ax HEW20_Nss1,(MCS0)_4TX	22.44M	18.951M	19M0D1D	20.34M	18.891M
802.11ax HEW40_Nss1,(MCS0)_4TX	82.08M	38.081M	38M1D1D	40.68M	37.541M
802.11ax HEW80_Nss1,(MCS0)_4TX	80.88M	77.721M	77M7D1D	80.64M	77.481M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.59M	17.841M	17M8D1D	16.53M	16.912M
802.11ax HEW20_Nss1,(MCS0)_4TX	19.05M	19.25M	19M2D1D	18.87M	19.01M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.8M	38.201M	38M2D1D	36M	37.901M
802.11ax HEW80_Nss1,(MCS0)_4TX	78.12M	78.201M	78M2D1D	78M	77.841M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

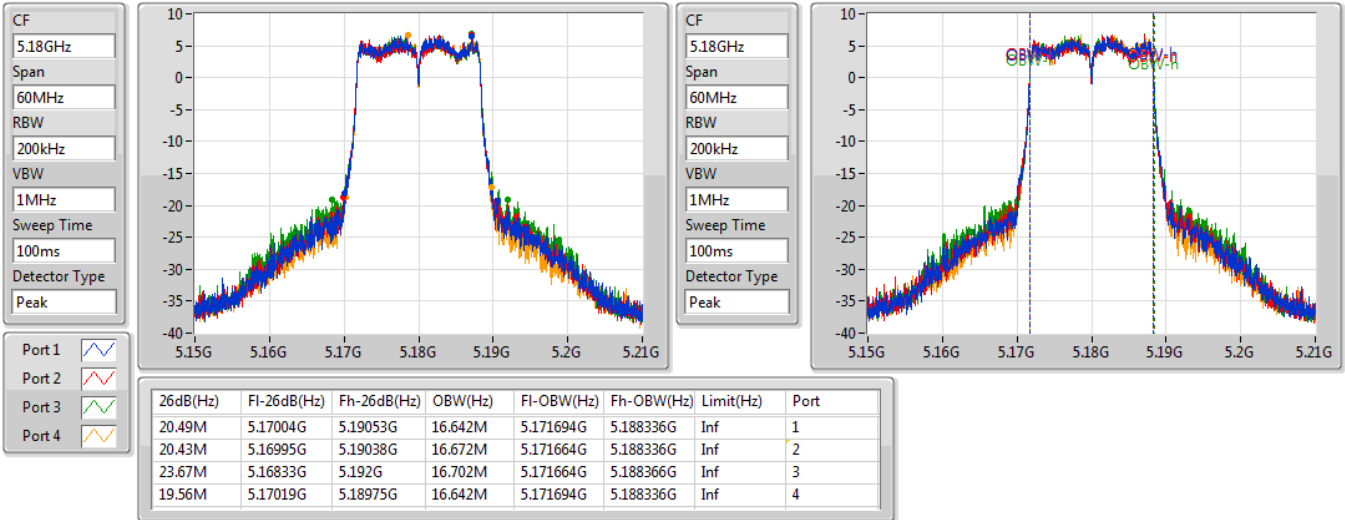
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.49M	16.642M	20.43M	16.672M	23.67M	16.702M	19.56M	16.642M
5200MHz	Pass	Inf	21.84M	16.672M	24.96M	16.702M	25.2M	16.702M	21.48M	16.612M
5240MHz	Pass	Inf	21.42M	16.642M	25.02M	16.672M	25.08M	16.702M	21.87M	16.642M
5745MHz	Pass	500k	16.56M	17.271M	16.56M	17.241M	16.59M	16.942M	16.53M	17.421M
5785MHz	Pass	500k	16.56M	17.391M	16.56M	17.361M	16.56M	16.912M	16.53M	17.391M
5825MHz	Pass	500k	16.56M	17.721M	16.56M	17.241M	16.53M	17.031M	16.53M	17.841M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.21M	18.921M	21.3M	18.891M	22.44M	18.921M	20.52M	18.921M
5200MHz	Pass	Inf	20.4M	18.891M	21.15M	18.891M	22.35M	18.921M	20.52M	18.951M
5240MHz	Pass	Inf	20.34M	18.891M	20.43M	18.891M	21.69M	18.921M	20.55M	18.951M
5745MHz	Pass	500k	19.02M	19.13M	18.9M	19.04M	18.9M	19.01M	19.05M	19.19M
5785MHz	Pass	500k	18.93M	19.16M	18.87M	19.07M	18.9M	19.01M	19.05M	19.19M
5825MHz	Pass	500k	19.02M	19.19M	18.9M	19.07M	18.87M	19.07M	19.05M	19.25M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.68M	37.601M	40.68M	37.541M	40.74M	37.541M	40.68M	37.541M
5230MHz	Pass	Inf	82.08M	38.021M	73.98M	37.901M	79.74M	38.081M	76.86M	38.021M
5755MHz	Pass	500k	37.62M	38.141M	36.36M	38.081M	37.8M	37.961M	36.54M	38.201M
5795MHz	Pass	500k	36.42M	38.141M	36.9M	38.021M	36.24M	37.901M	36M	38.141M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	80.64M	77.481M	80.88M	77.601M	80.64M	77.721M	80.76M	77.481M
5775MHz	Pass	500k	78.12M	78.081M	78M	77.961M	78.12M	77.841M	78M	78.201M

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

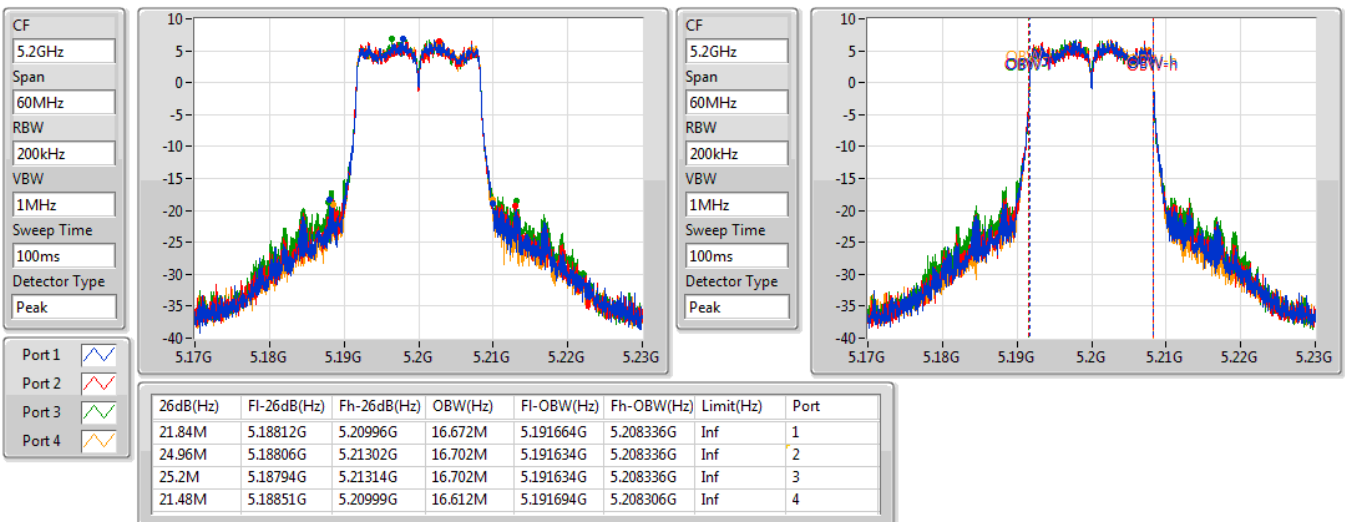
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX
EBW
5180MHz

13/06/2020

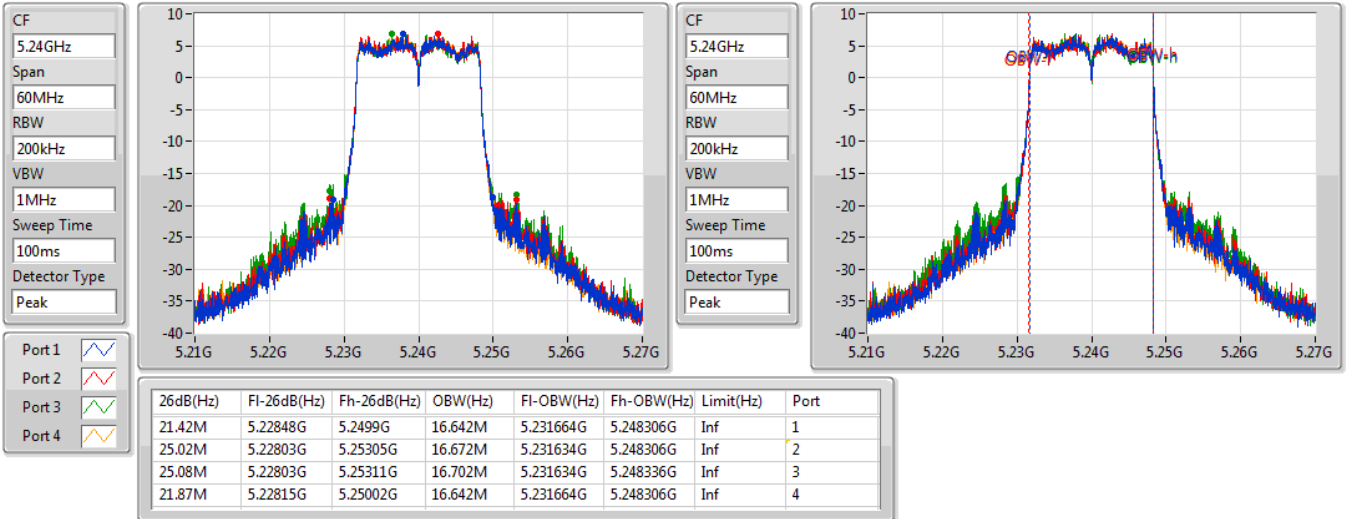

802.11a_Nss1,(6Mbps)_4TX
EBW
5200MHz

13/06/2020

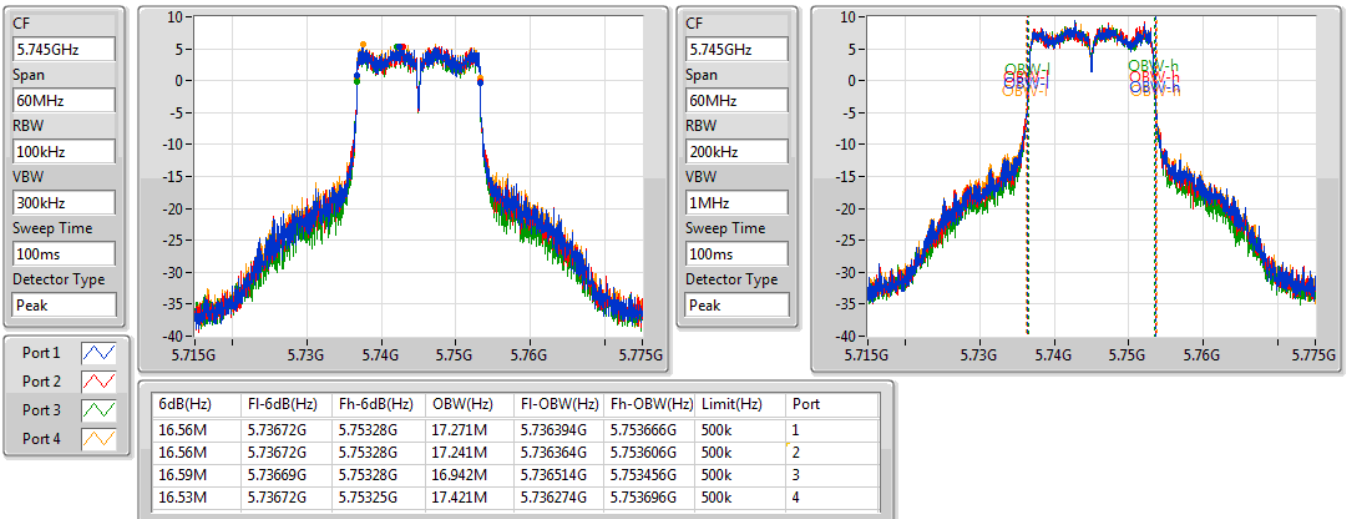


802.11a_Nss1,(6Mbps)_4TX
EBW
5240MHz

13/06/2020

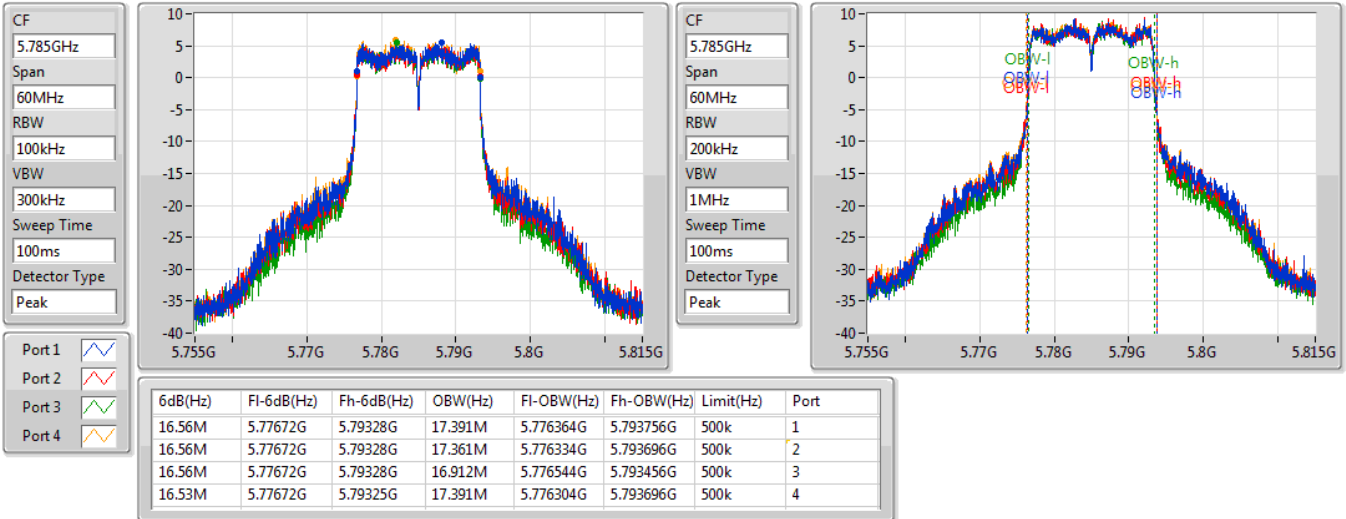

802.11a_Nss1,(6Mbps)_4TX
EBW
5745MHz

13/06/2020

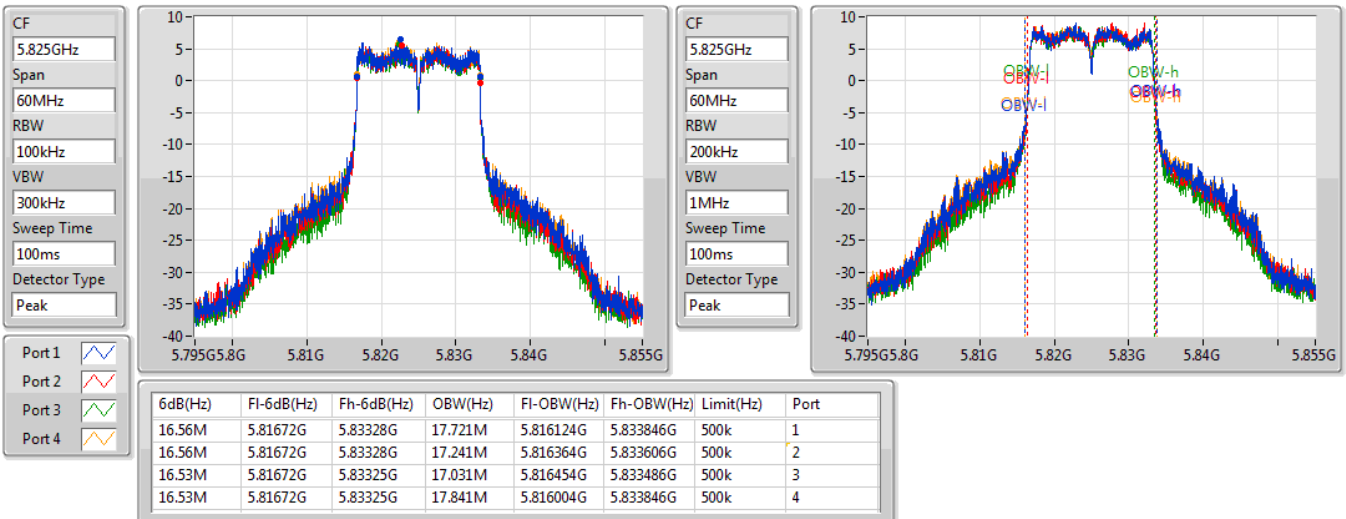


802.11a_Nss1,(6Mbps)_4TX
EBW
5785MHz

13/06/2020

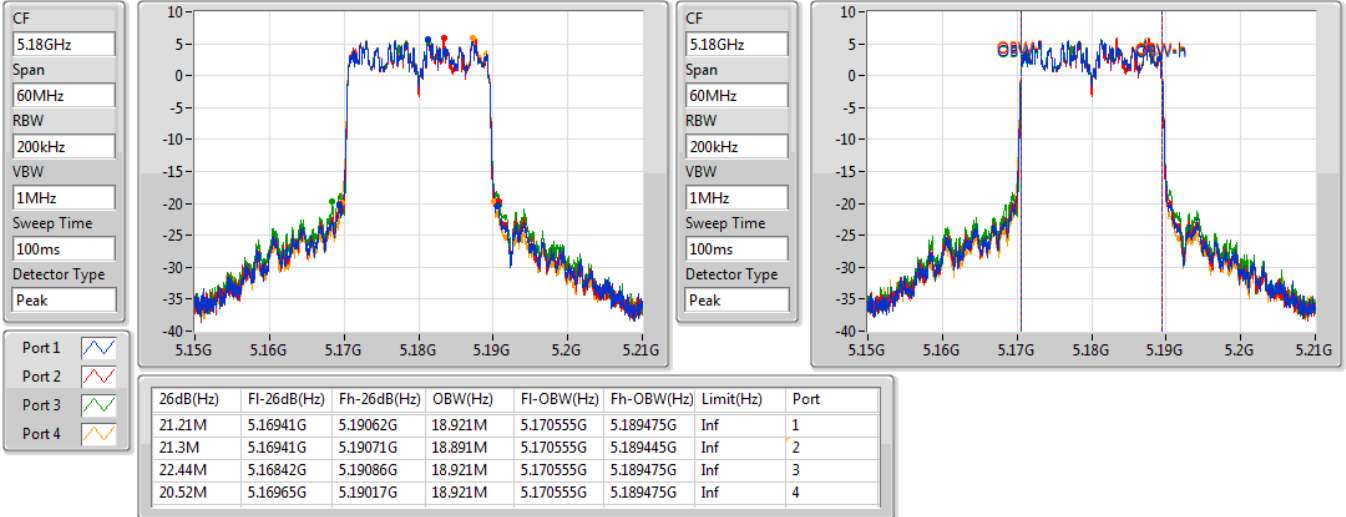

802.11a_Nss1,(6Mbps)_4TX
EBW
5825MHz

13/06/2020

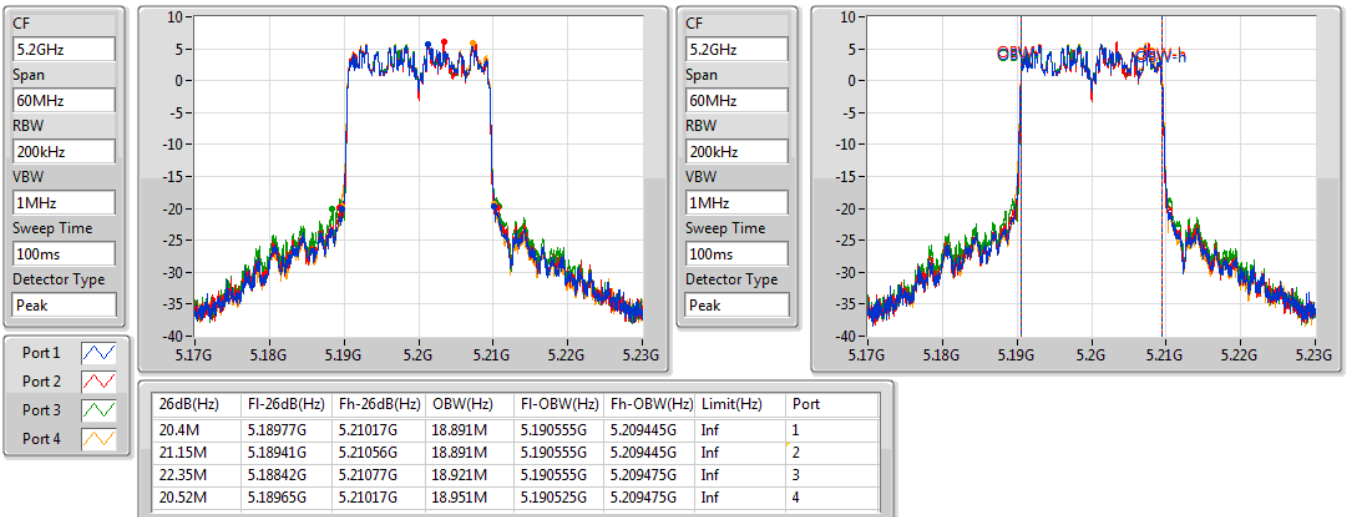


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5180MHz

13/06/2020

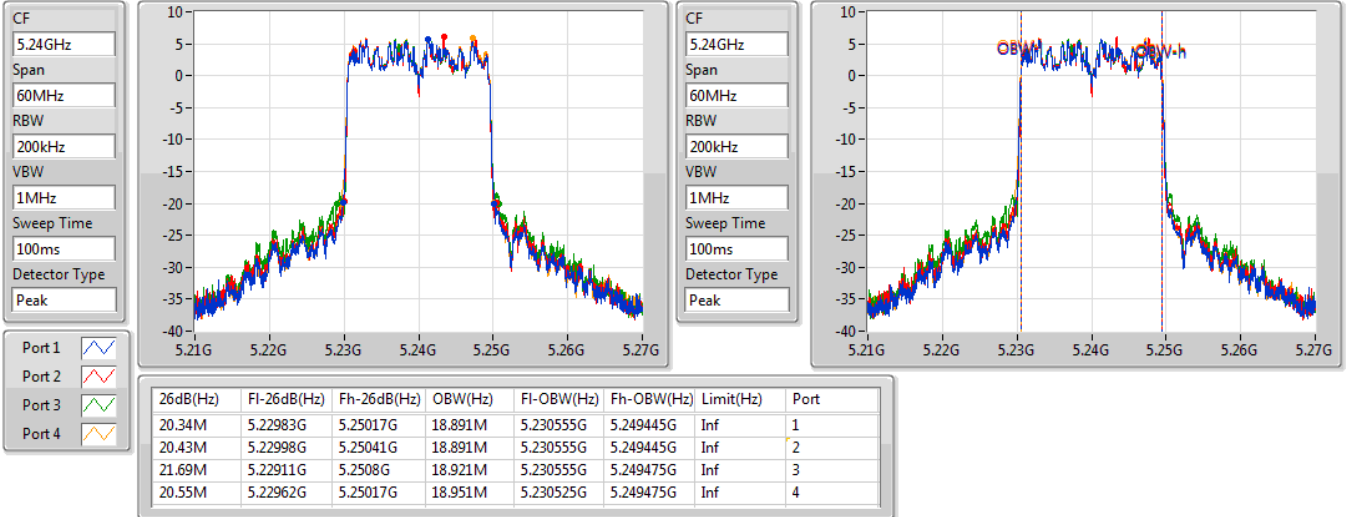

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5200MHz

13/06/2020

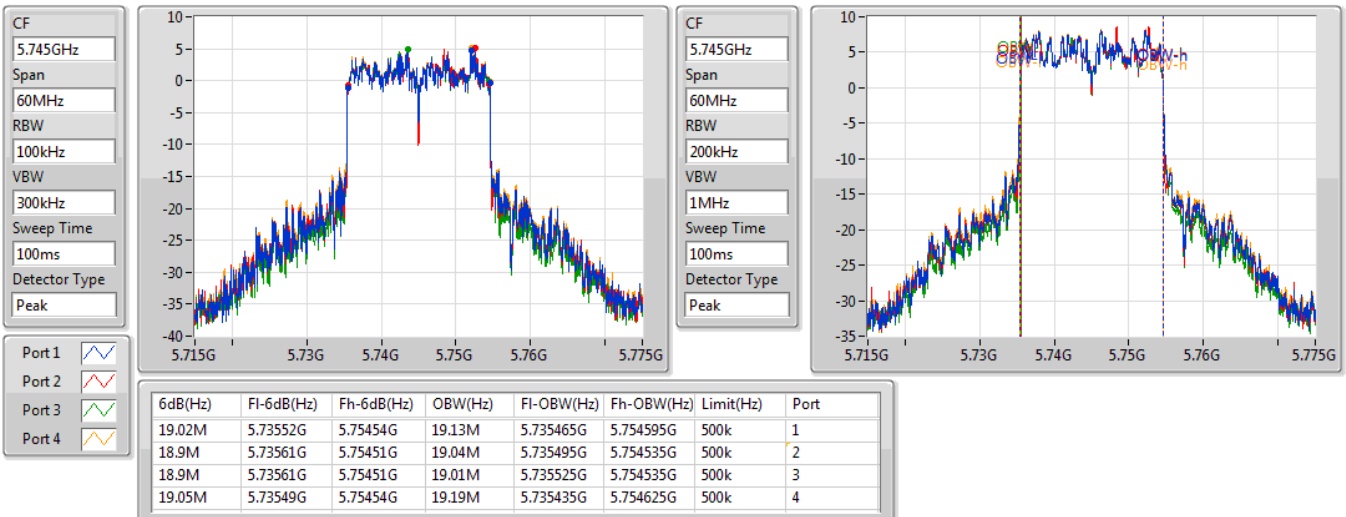


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5240MHz

13/06/2020

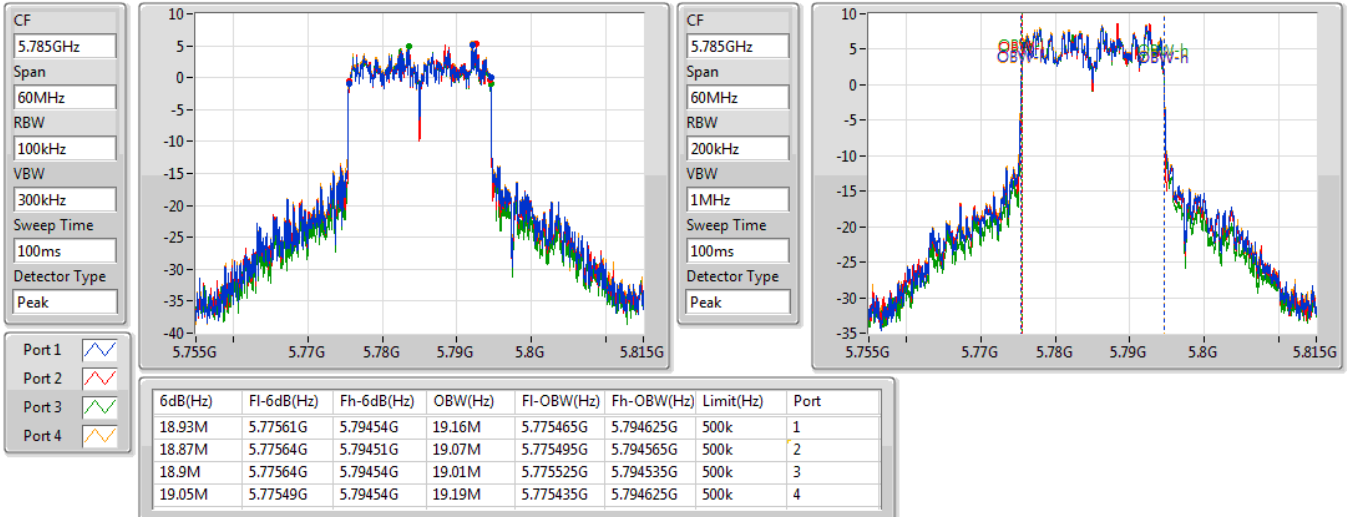

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5745MHz

13/06/2020

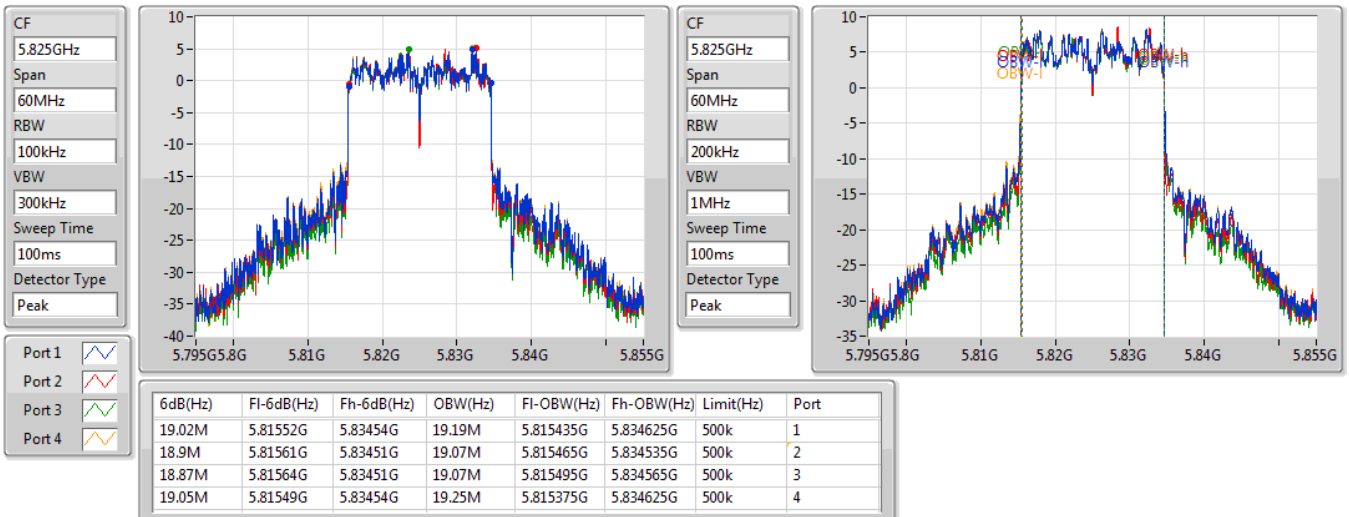


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5785MHz

13/06/2020

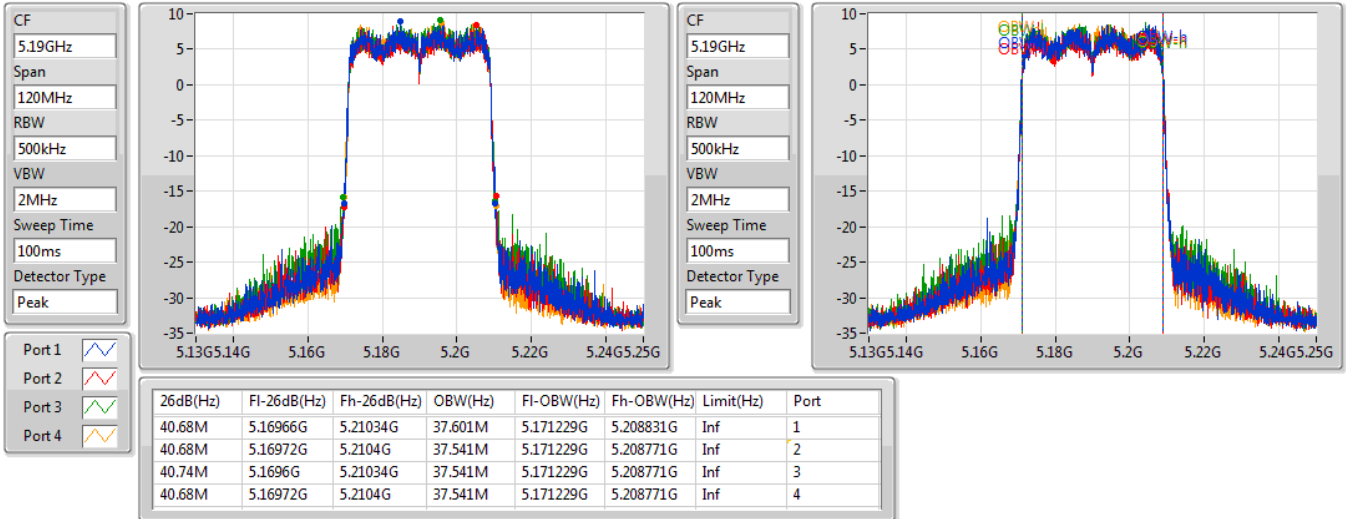

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5825MHz

13/06/2020

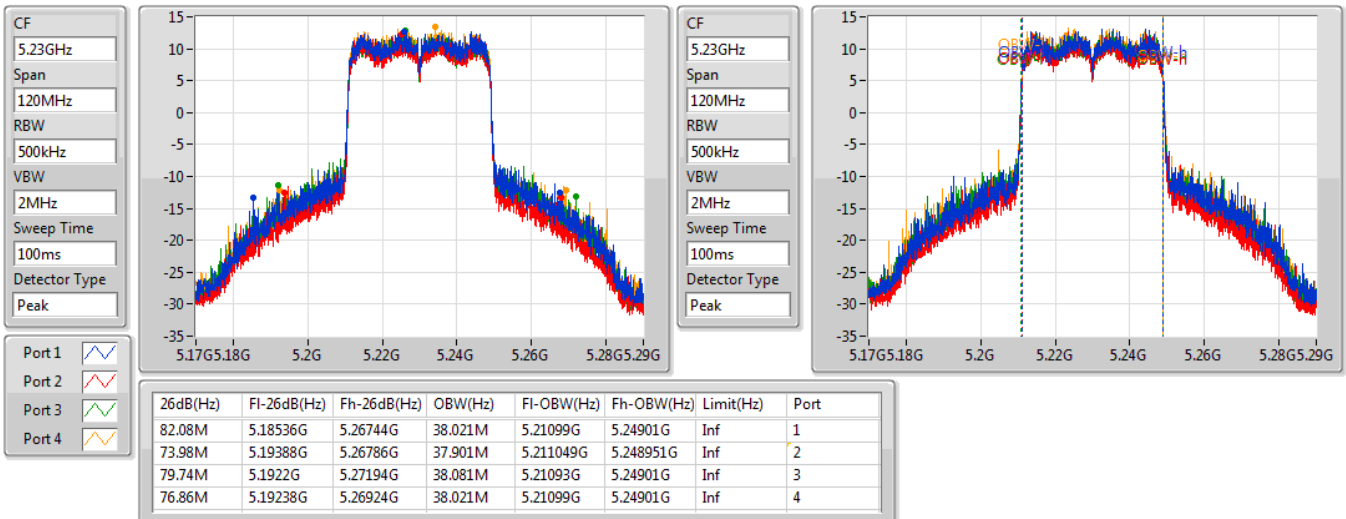


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5190MHz

13/06/2020

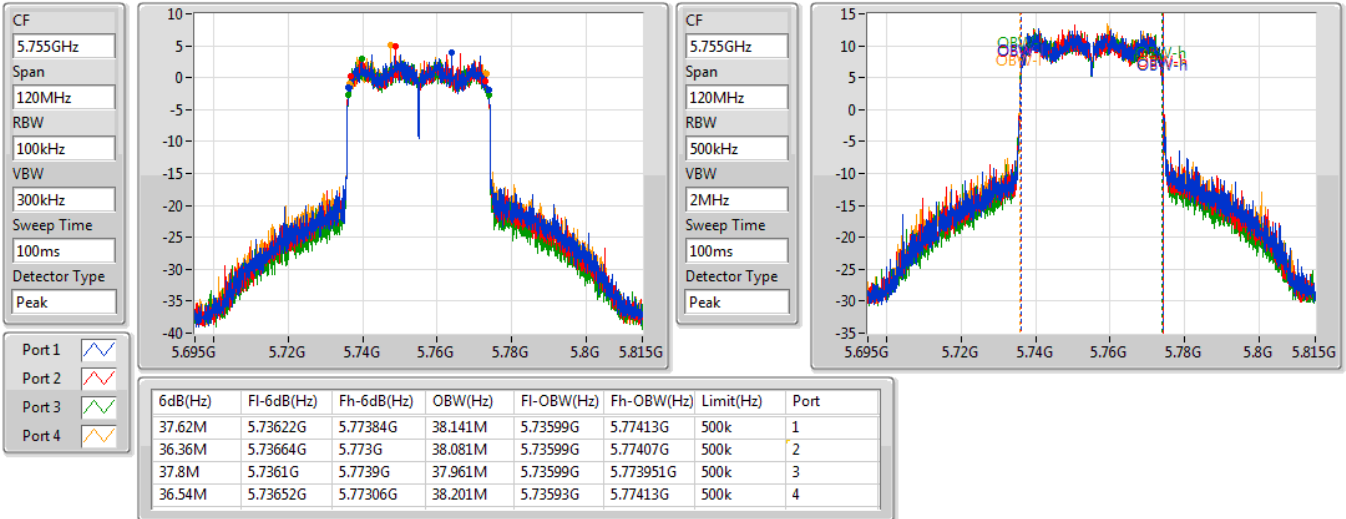

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5230MHz

13/06/2020

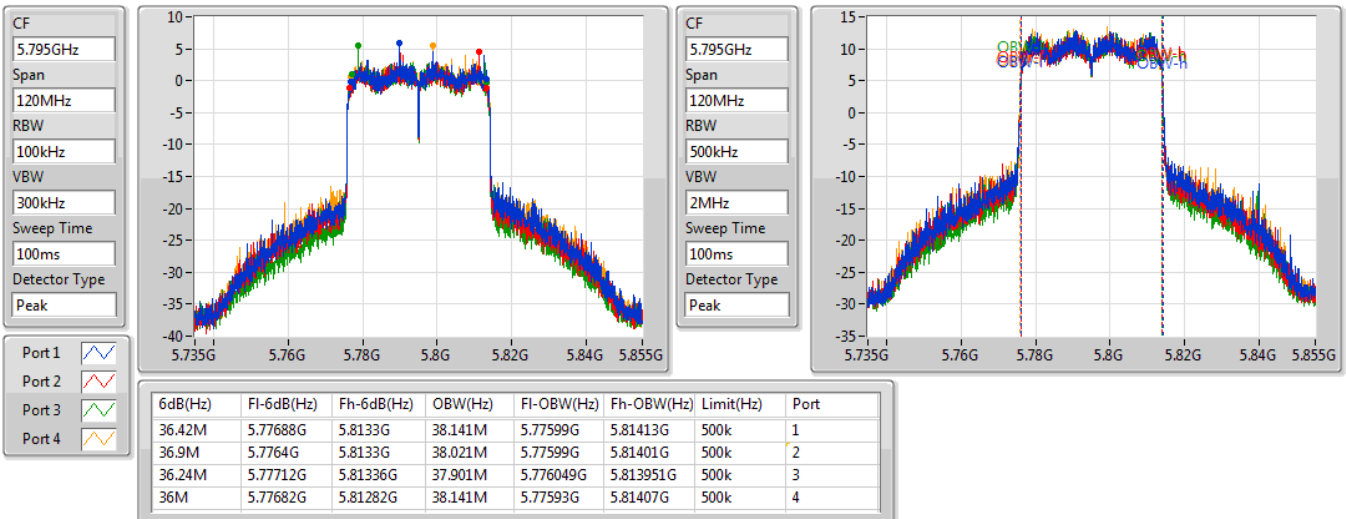


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5755MHz

13/06/2020

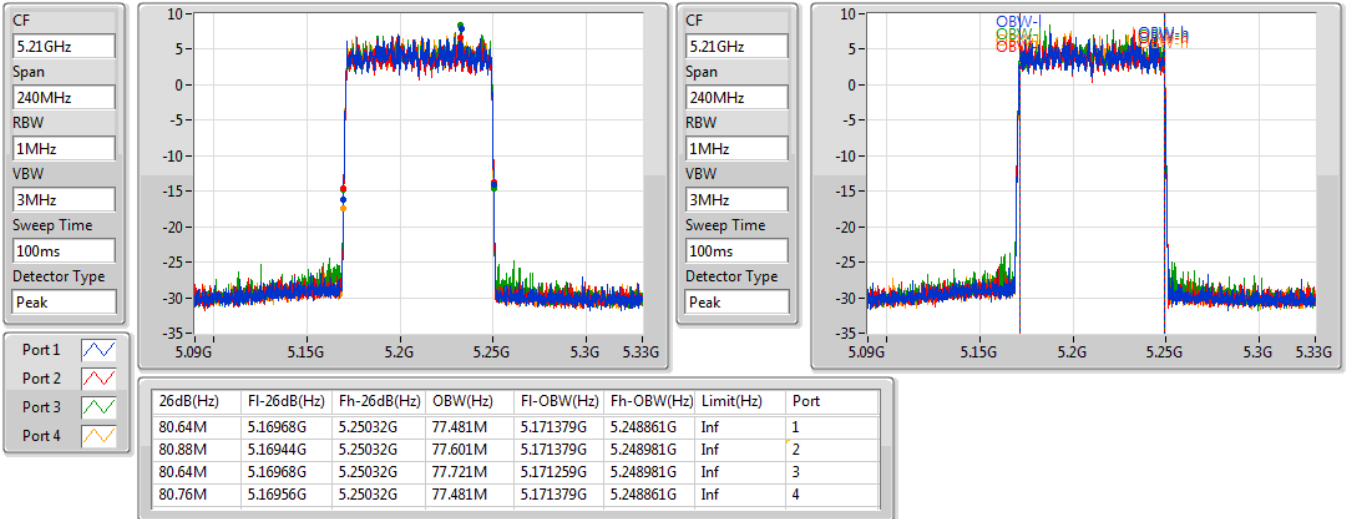

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5795MHz

13/06/2020

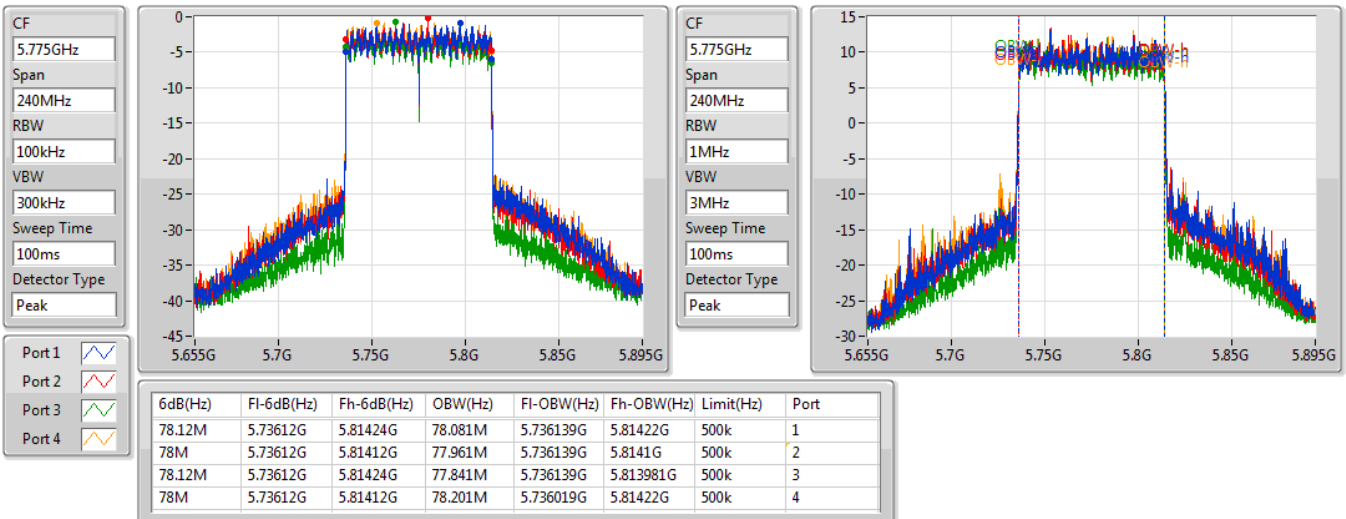


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5210MHz

13/06/2020


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5775MHz

13/06/2020



For beamforming function:

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)_4TX	32.22M	18.861M	18M9D1D	21.66M	18.771M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	87.12M	37.661M	37M7D1D	47.4M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	84.84M	77.601M	77M6D1D	80.52M	77.481M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.54M	18.891M	18M9D1D	17.94M	18.801M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.26M	37.721M	37M7D1D	34.8M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	77.88M	77.841M	77M8D1D	21M	77.721M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

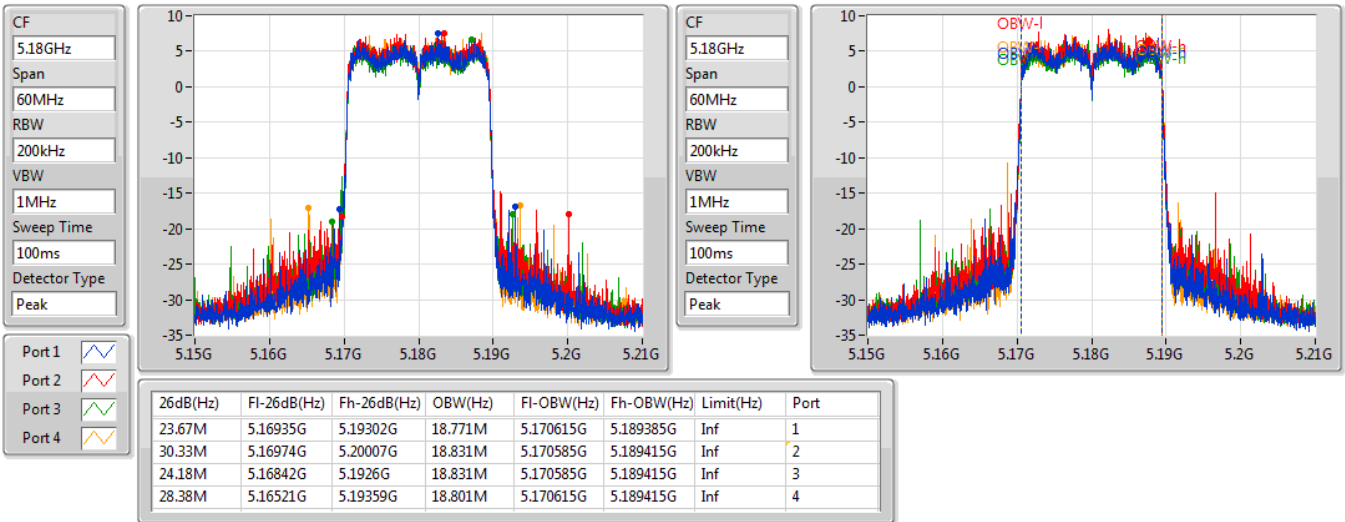
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	23.67M	18.771M	30.33M	18.831M	24.18M	18.831M	28.38M	18.801M
5200MHz	Pass	Inf	30.51M	18.831M	23.22M	18.861M	31.65M	18.831M	32.22M	18.831M
5240MHz	Pass	Inf	24.15M	18.801M	21.66M	18.831M	31.71M	18.801M	31.38M	18.831M
5745MHz	Pass	500k	18.15M	18.861M	18.03M	18.861M	18.42M	18.831M	18.36M	18.801M
5785MHz	Pass	500k	18.51M	18.831M	17.94M	18.861M	18.48M	18.861M	18.54M	18.861M
5825MHz	Pass	500k	18.48M	18.861M	18.15M	18.891M	18.45M	18.831M	18.33M	18.861M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	55.2M	37.541M	63.42M	37.541M	47.4M	37.481M	68.04M	37.601M
5230MHz	Pass	Inf	75.9M	37.601M	87.12M	37.541M	62.76M	37.661M	70.8M	37.601M
5755MHz	Pass	500k	36.24M	37.661M	36.42M	37.721M	36.24M	37.661M	35.22M	37.541M
5795MHz	Pass	500k	34.8M	37.721M	36M	37.661M	37.26M	37.721M	35.76M	37.601M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	84.84M	77.601M	80.52M	77.601M	81.48M	77.601M	81.48M	77.481M
5775MHz	Pass	500k	77.88M	77.721M	77.52M	77.841M	21M	77.841M	77.52M	77.721M

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

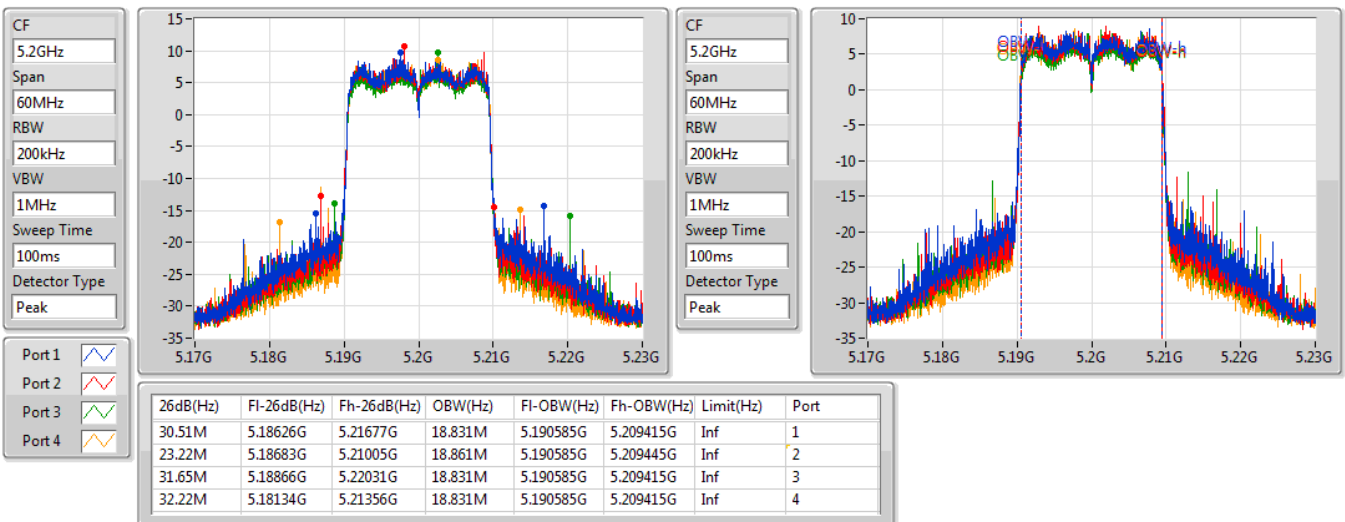
Port X-OBW = Port X 99% occupied bandwidth;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5180MHz

20/06/2020

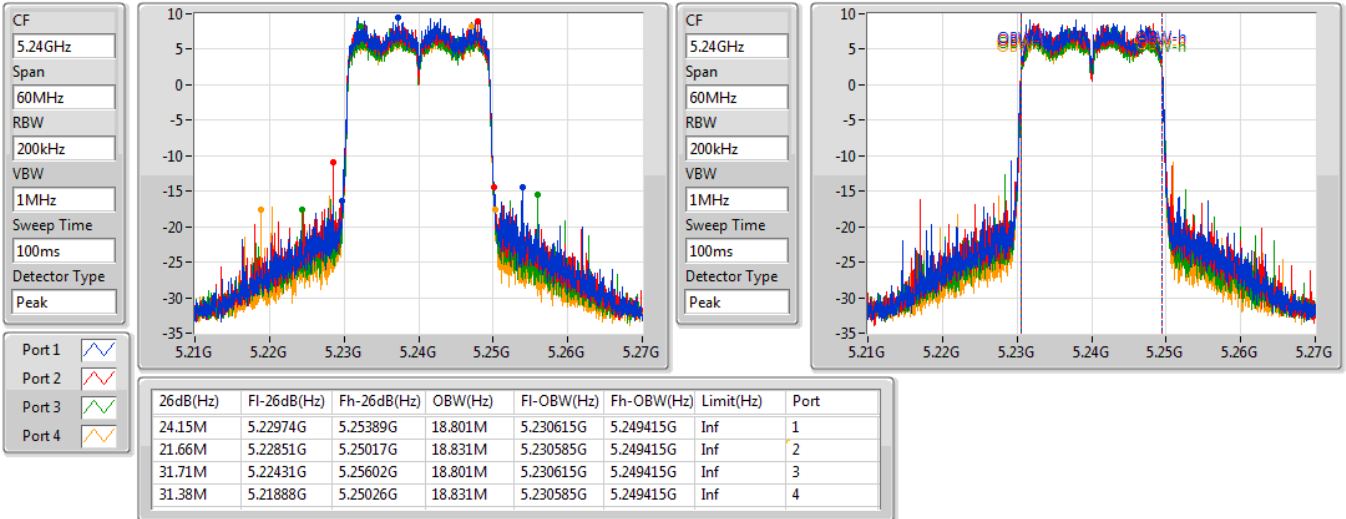

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5200MHz

20/06/2020

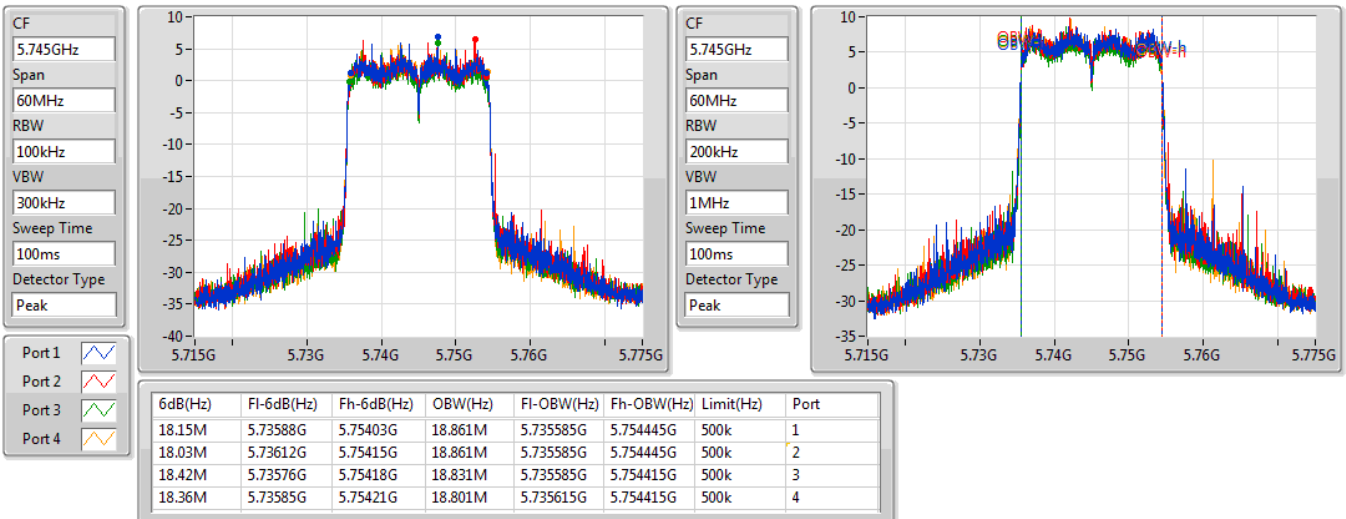


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5240MHz

20/06/2020

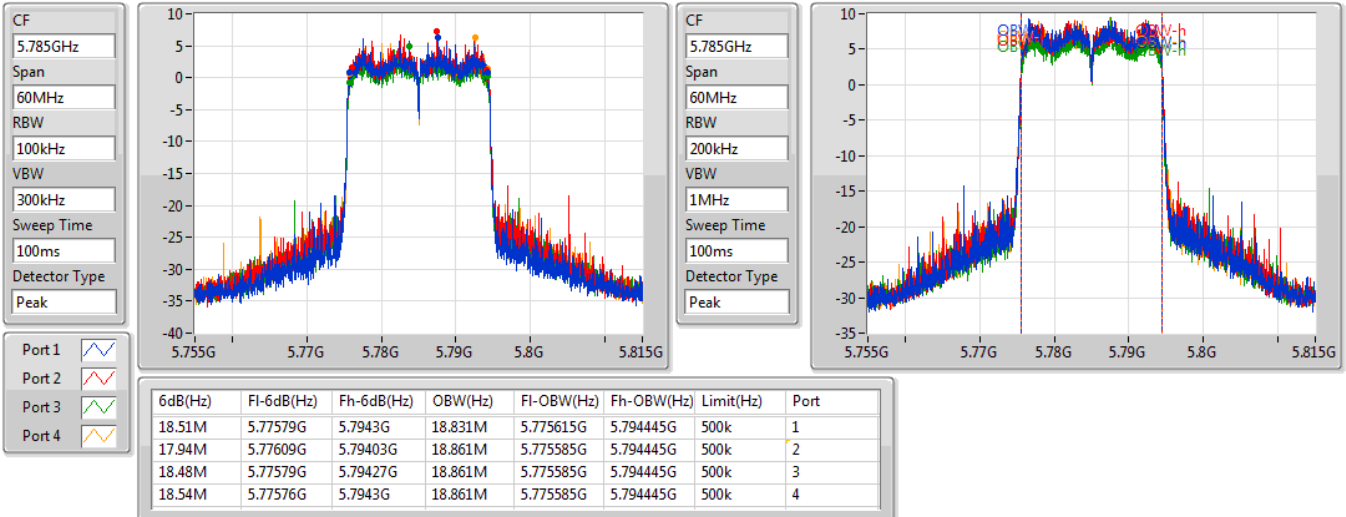

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5745MHz

20/06/2020

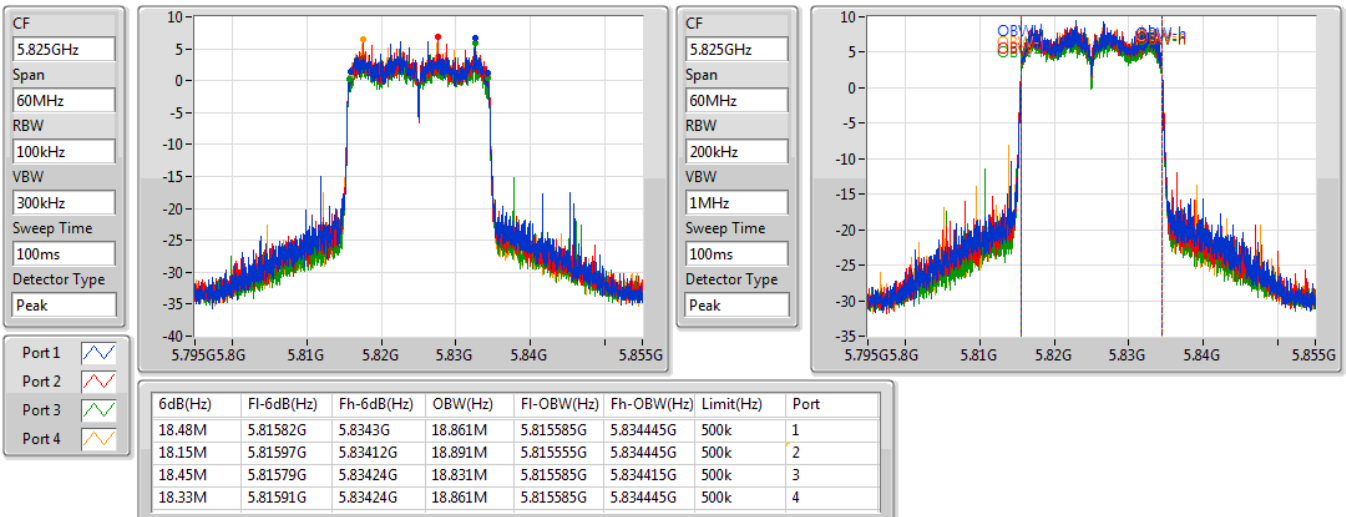


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5785MHz

20/06/2020

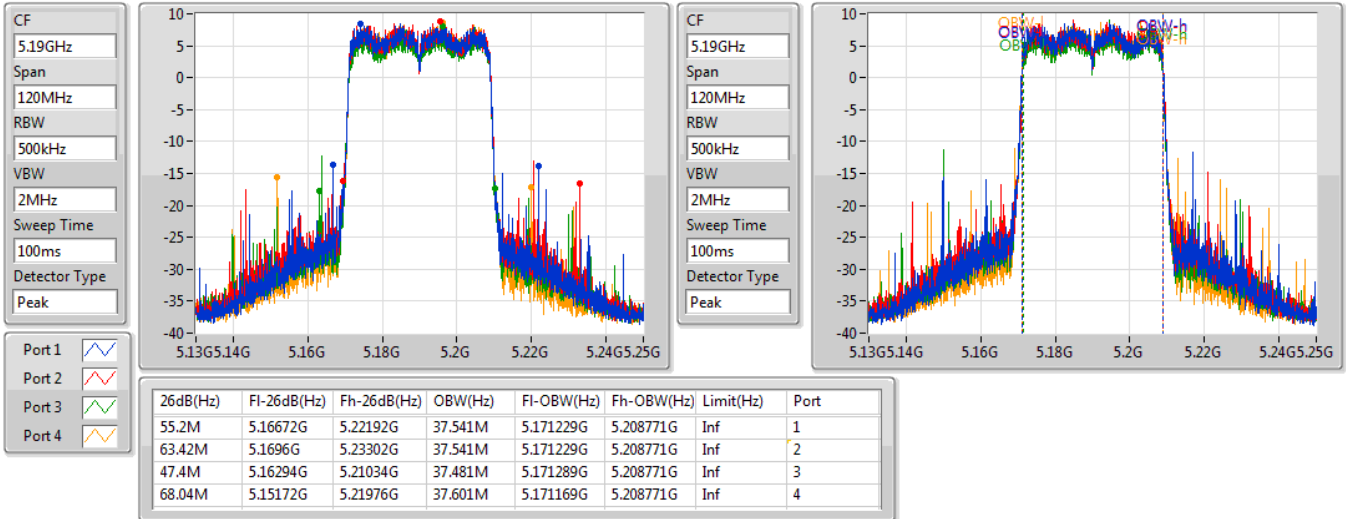

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5825MHz

20/06/2020

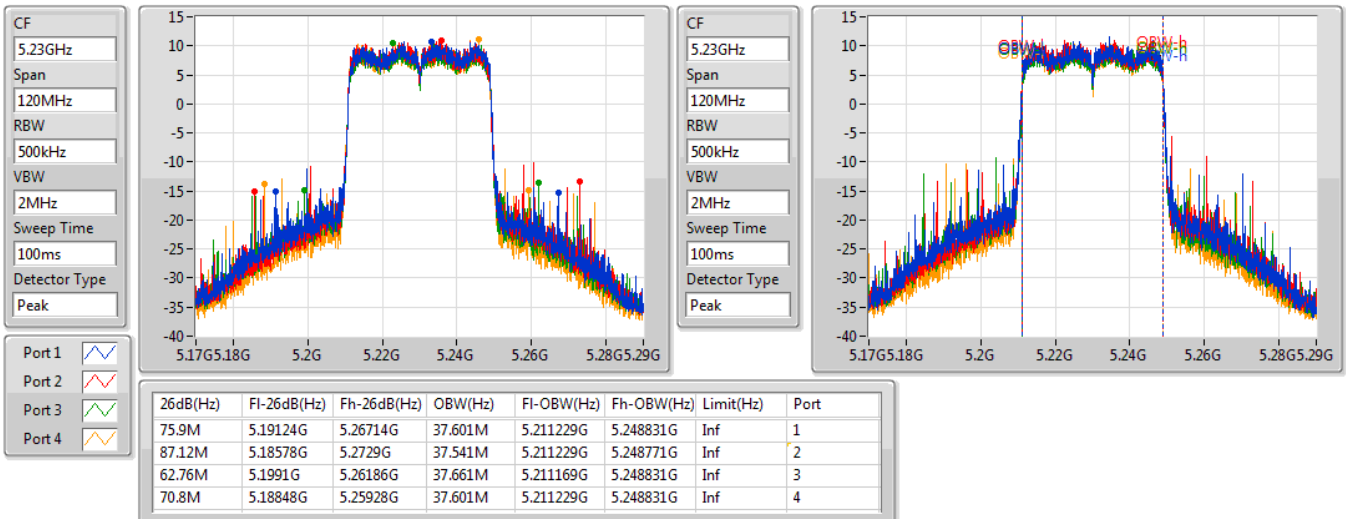


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5190MHz

20/06/2020

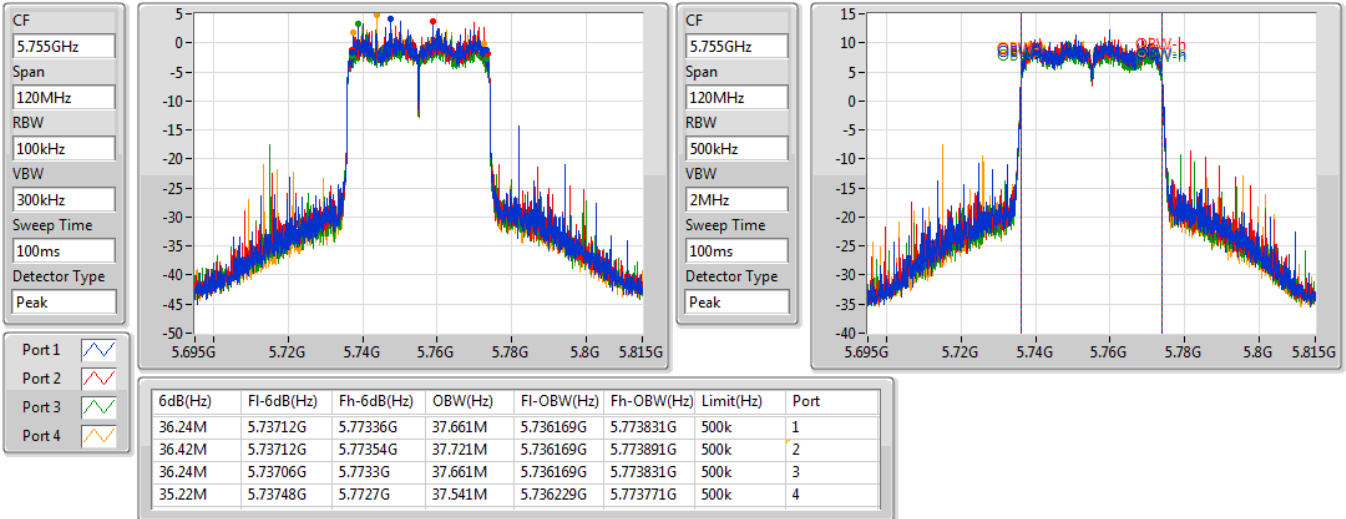

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5230MHz

20/06/2020

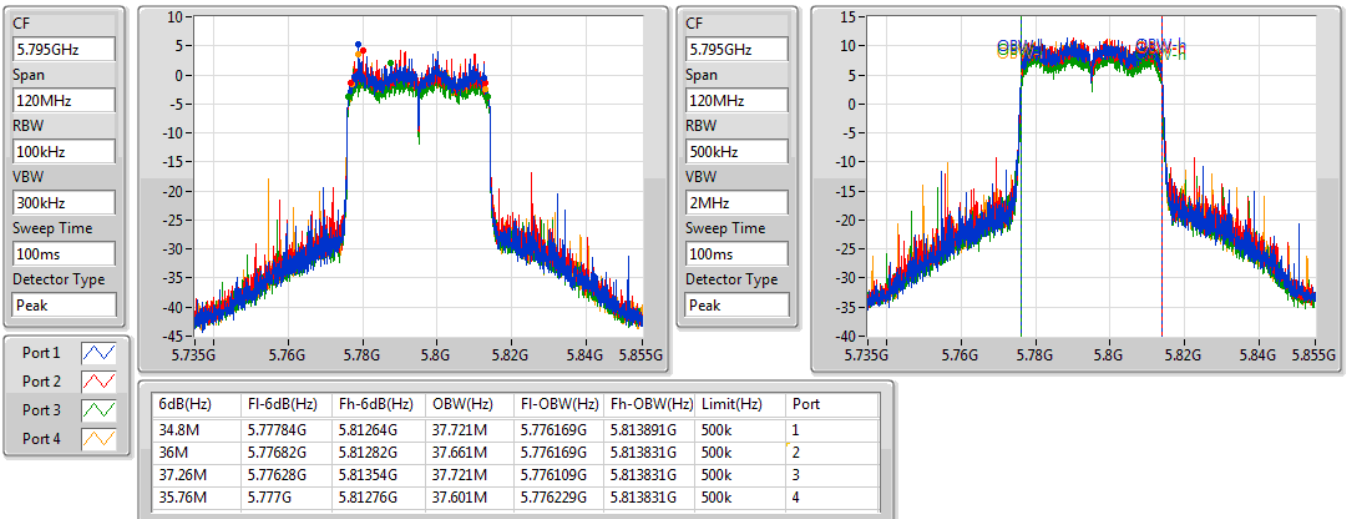


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5755MHz

20/06/2020

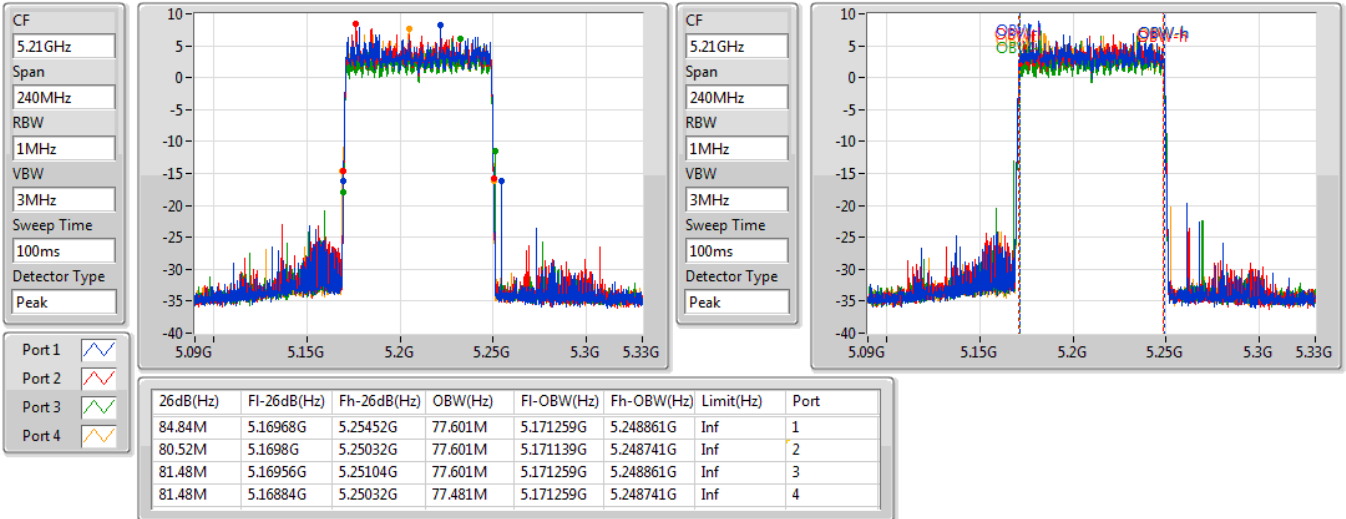

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5795MHz

20/06/2020

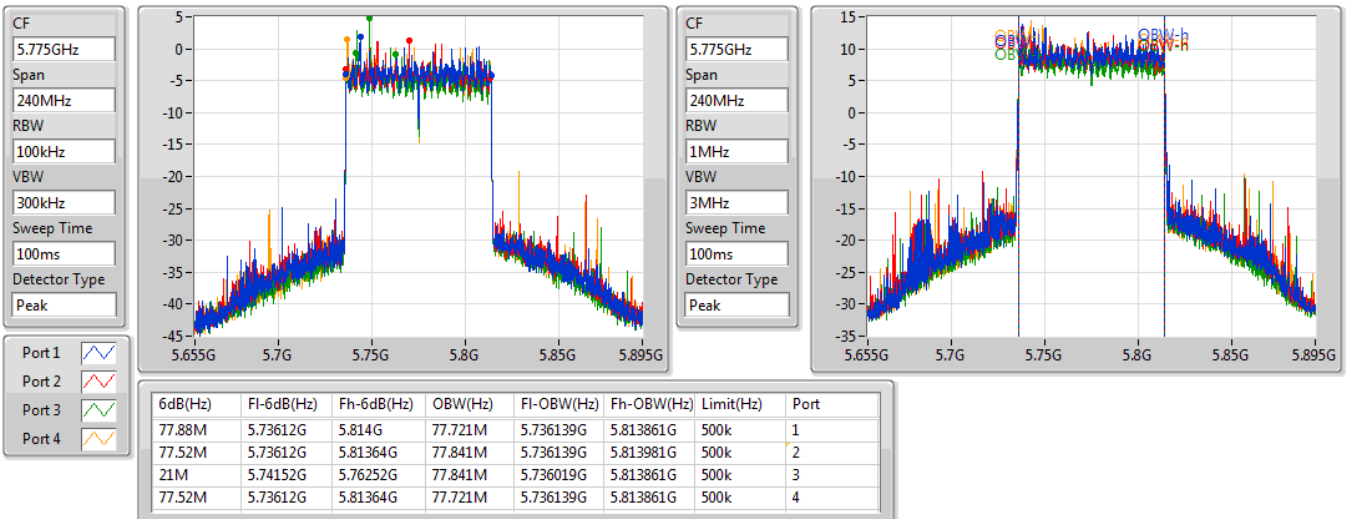


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5210MHz

20/06/2020


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5775MHz

20/06/2020





Average Power Result

Appendix C

For non-beamforming function:

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.27	0.21232
802.11ax HEW20_Nss1,(MCS0)_4TX	23.34	0.21577
802.11ax HEW40_Nss1,(MCS0)_4TX	25.59	0.36224
802.11ax HEW80_Nss1,(MCS0)_4TX	19.33	0.08570
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	25.44	0.34995
802.11ax HEW20_Nss1,(MCS0)_4TX	25.51	0.35563
802.11ax HEW40_Nss1,(MCS0)_4TX	25.45	0.35075
802.11ax HEW80_Nss1,(MCS0)_4TX	24.42	0.27669



Average Power Result

Appendix C

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.90	17.24	17.05	17.21	17.41	23.25	29.10
5200MHz	Pass	6.90	17.22	17.12	17.25	17.42	23.27	29.10
5240MHz	Pass	6.90	17.15	17.19	17.23	17.38	23.26	29.10
5745MHz	Pass	6.90	19.40	19.43	19.29	19.57	25.44	29.10
5785MHz	Pass	6.90	19.35	19.32	19.19	19.63	25.40	29.10
5825MHz	Pass	6.90	19.41	19.39	19.16	19.51	25.39	29.10
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.90	17.20	17.05	17.17	17.43	23.24	29.10
5200MHz	Pass	6.90	17.27	17.16	17.26	17.56	23.34	29.10
5240MHz	Pass	6.90	17.18	17.25	17.28	17.51	23.33	29.10
5745MHz	Pass	6.90	19.44	19.51	19.40	19.62	25.51	29.10
5785MHz	Pass	6.90	19.39	19.42	19.31	19.68	25.47	29.10
5825MHz	Pass	6.90	19.44	19.46	19.22	19.53	25.43	29.10
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.90	15.44	15.12	15.60	15.52	21.44	29.10
5230MHz	Pass	6.90	19.81	19.01	19.33	20.06	25.59	29.10
5755MHz	Pass	6.90	19.41	19.38	19.35	19.59	25.45	29.10
5795MHz	Pass	6.90	19.49	19.29	19.26	19.60	25.43	29.10
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.90	13.25	13.05	13.51	13.40	19.33	29.10
5775MHz	Pass	6.90	18.55	18.51	17.81	18.67	24.42	29.10

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

For beamforming function:

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.47	0.22233
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.35	0.21627
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	18.47	0.07031
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.79	0.23933
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.68	0.23335
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.65	0.23174

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.19	15.93	16.58	15.63	15.55	21.96	23.81
5200MHz	Pass	12.19	17.30	17.37	16.84	16.89	23.13	23.81
5240MHz	Pass	12.19	17.81	17.60	17.09	17.28	23.47	23.81
5745MHz	Pass	12.19	17.51	17.45	16.76	17.39	23.31	23.81
5785MHz	Pass	12.19	17.84	17.73	16.69	17.49	23.48	23.81
5825MHz	Pass	12.19	17.96	17.96	17.18	17.91	23.79	23.81
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	12.19	15.05	14.98	14.25	14.84	20.81	23.81
5230MHz	Pass	12.19	17.40	17.78	17.21	16.89	23.35	23.81
5755MHz	Pass	12.19	17.98	17.86	17.02	17.73	23.68	23.81
5795MHz	Pass	12.19	17.74	17.82	16.67	17.48	23.47	23.81
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	12.19	12.68	12.65	11.94	12.50	18.47	23.81
5775MHz	Pass	12.19	17.93	17.87	17.12	17.56	23.65	23.81

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

For non-beamforming function:

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.72
802.11ax HEW20_Nss1,(MCS0)_4TX	10.79
802.11ax HEW40_Nss1,(MCS0)_4TX	9.62
802.11ax HEW80_Nss1,(MCS0)_4TX	0.28
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	11.25
802.11ax HEW20_Nss1,(MCS0)_4TX	11.47
802.11ax HEW40_Nss1,(MCS0)_4TX	7.96
802.11ax HEW80_Nss1,(MCS0)_4TX	3.89

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.19	4.69	4.42	4.73	4.81	10.58	10.81
5200MHz	Pass	12.19	4.77	4.56	4.82	4.87	10.69	10.81
5240MHz	Pass	12.19	4.78	4.71	4.88	4.81	10.72	10.81
5745MHz	Pass	12.19	5.28	5.28	5.11	5.30	11.16	23.81
5785MHz	Pass	12.19	5.23	5.32	5.12	5.58	11.25	23.81
5825MHz	Pass	12.19	5.34	5.33	5.07	5.41	11.24	23.81
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.19	4.49	4.30	4.85	4.68	10.58	10.81
5200MHz	Pass	12.19	4.60	4.44	5.05	4.84	10.75	10.81
5240MHz	Pass	12.19	4.59	4.63	5.00	4.86	10.79	10.81
5745MHz	Pass	12.19	5.33	5.35	5.44	5.49	11.39	23.81
5785MHz	Pass	12.19	5.36	5.48	5.49	5.67	11.46	23.81
5825MHz	Pass	12.19	5.49	5.54	5.42	5.57	11.47	23.81
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	12.19	-0.56	-0.91	-0.35	-0.47	5.42	10.81
5230MHz	Pass	12.19	3.91	3.13	3.43	4.17	9.62	10.81
5755MHz	Pass	12.19	1.80	1.85	1.82	1.92	7.78	23.81
5795MHz	Pass	12.19	2.08	1.86	1.92	2.19	7.96	23.81
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	12.19	-5.58	-5.86	-5.23	-5.56	0.28	10.81
5775MHz	Pass	12.19	-1.85	-1.83	-2.62	-1.75	3.89	23.81

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

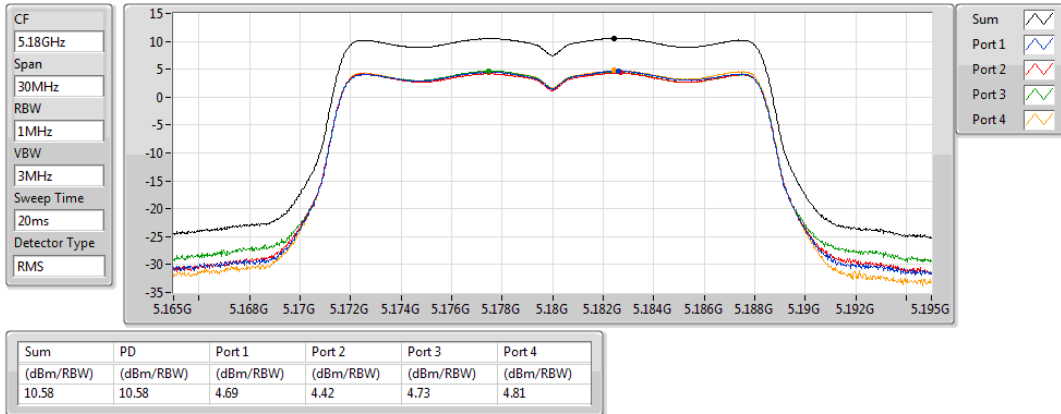
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

5180MHz

PSD

13/06/2020

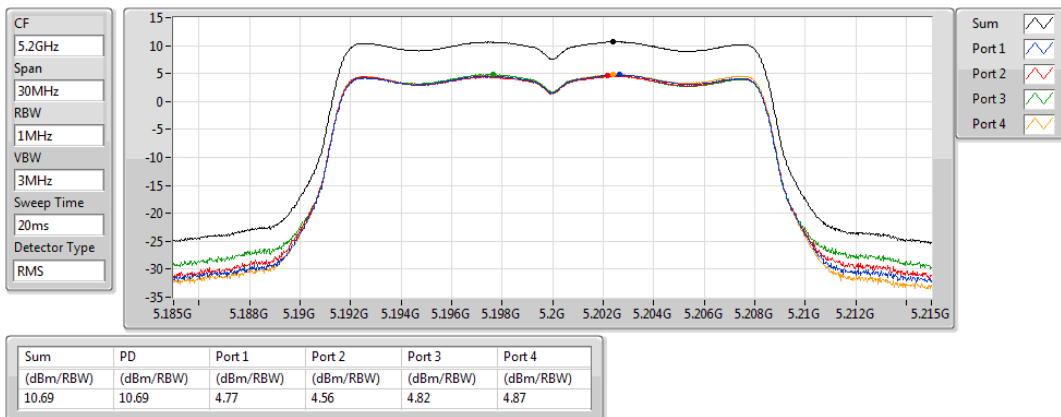


802.11a_Nss1,(6Mbps)_4TX

5200MHz

PSD

13/06/2020

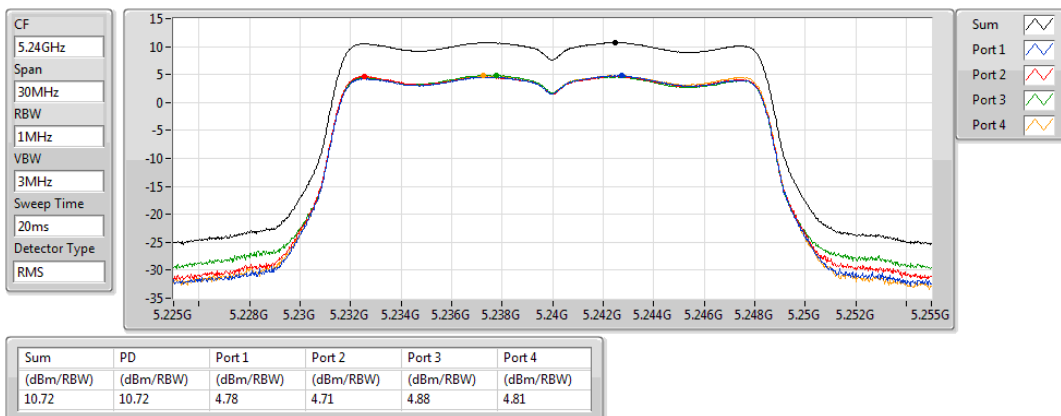


802.11a_Nss1,(6Mbps)_4TX

5240MHz

PSD

13/06/2020

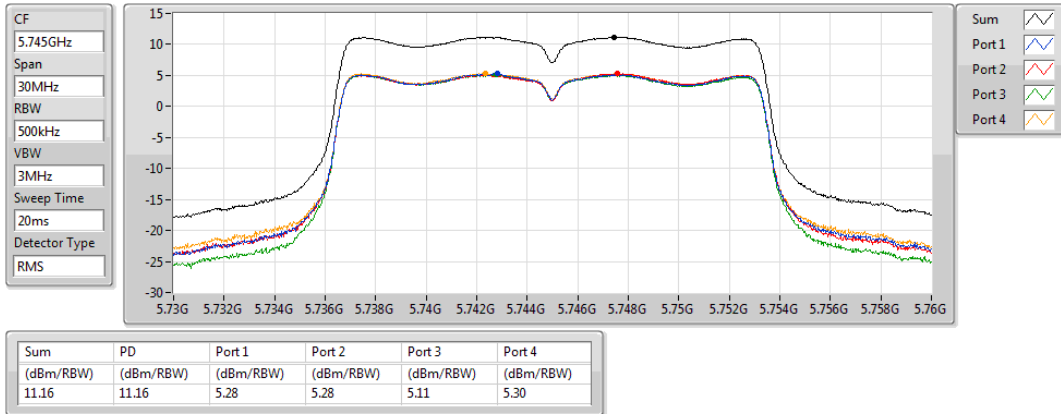


802.11a_Nss1,(6Mbps)_4TX

5745MHz

PSD

13/06/2020

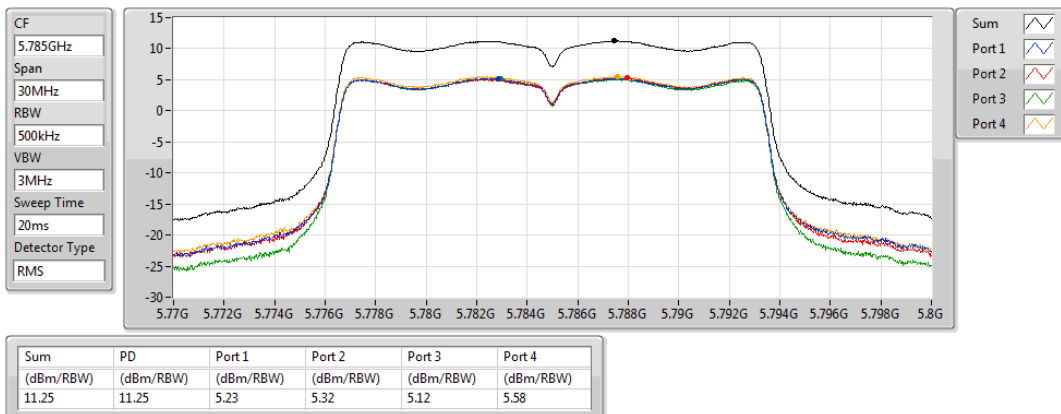


802.11a_Nss1,(6Mbps)_4TX

5785MHz

PSD

13/06/2020

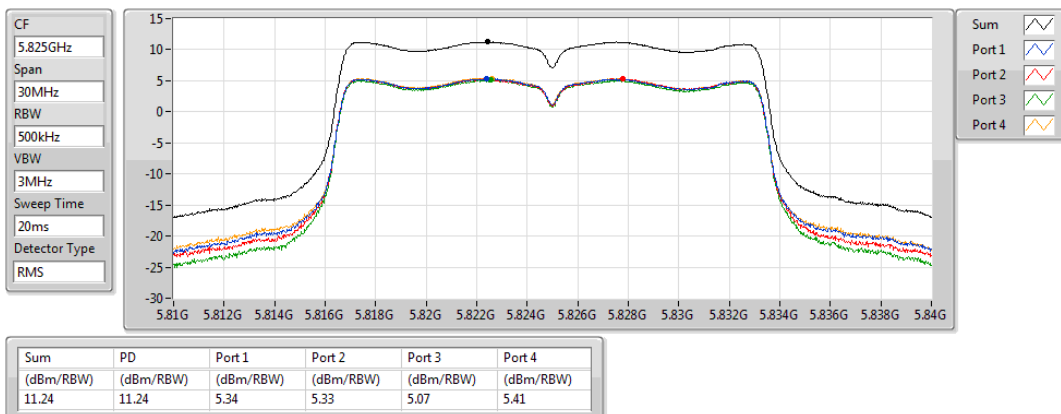


802.11a_Nss1,(6Mbps)_4TX

5825MHz

PSD

13/06/2020

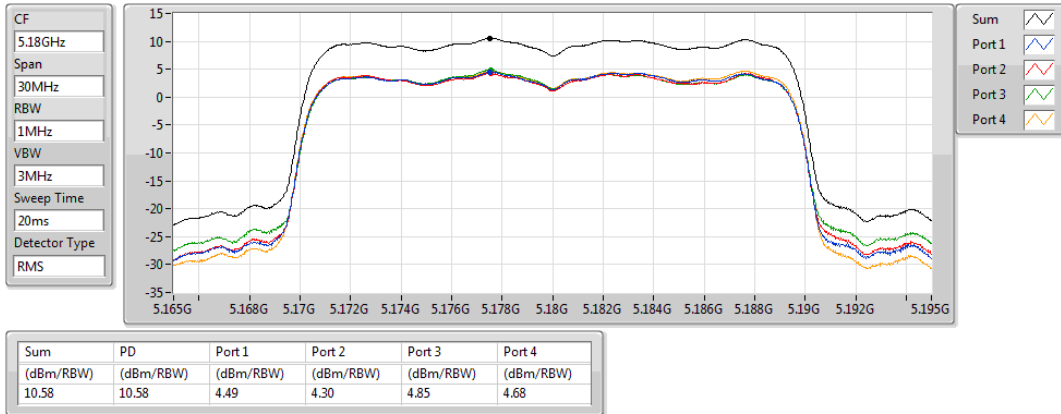


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5180MHz

13/06/2020

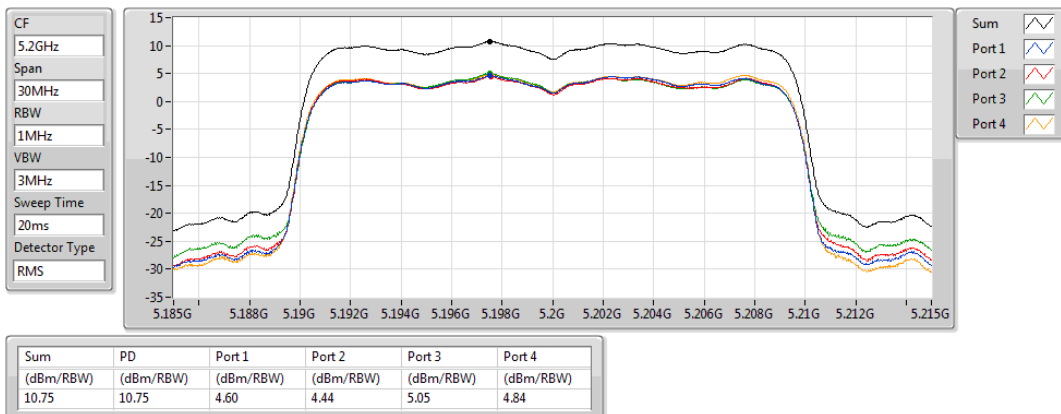


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5200MHz

13/06/2020

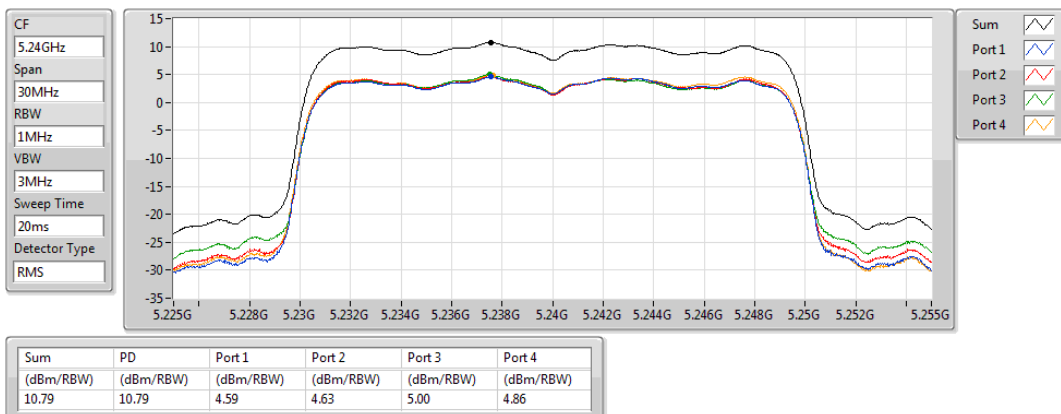


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5240MHz

13/06/2020

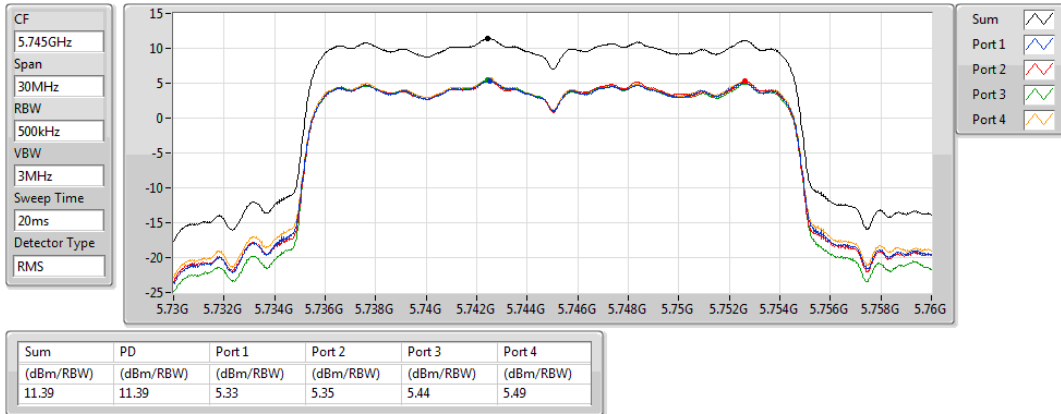


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5745MHz

13/06/2020

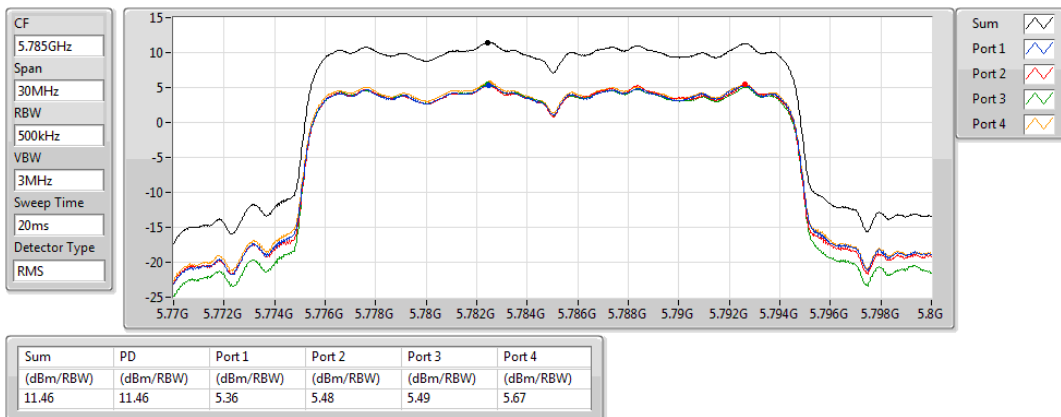


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5785MHz

13/06/2020

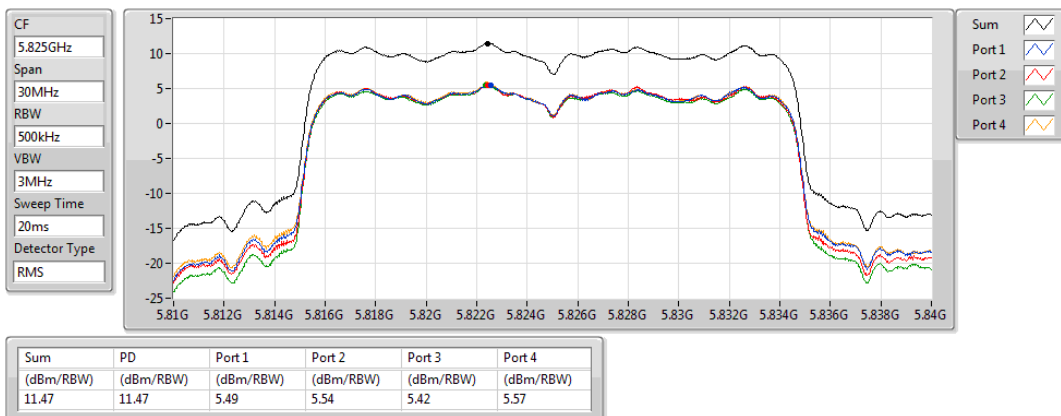


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5825MHz

13/06/2020

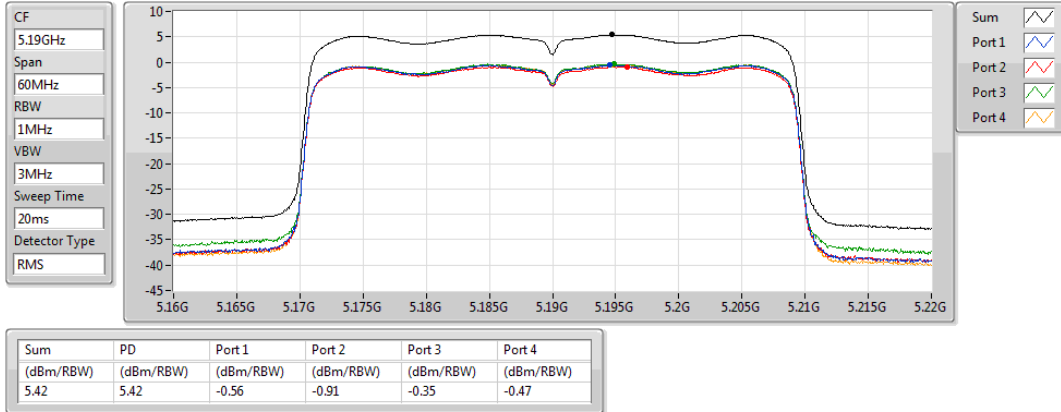


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5190MHz

13/06/2020

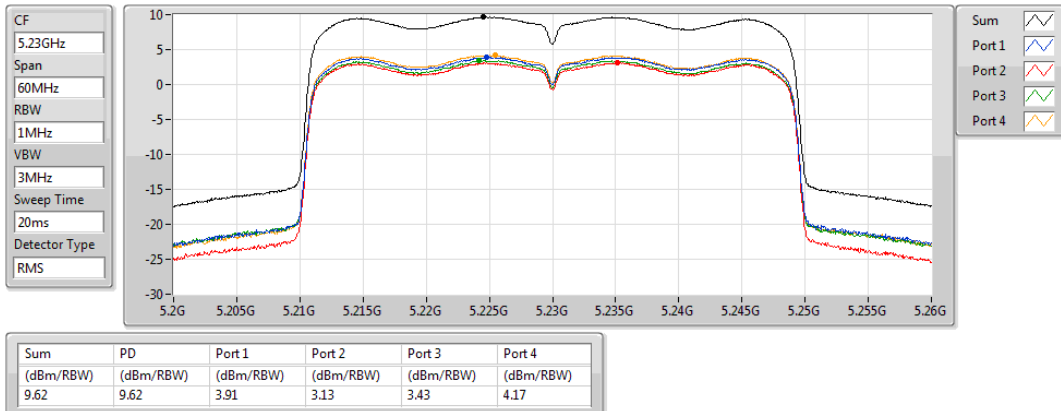


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5230MHz

13/06/2020

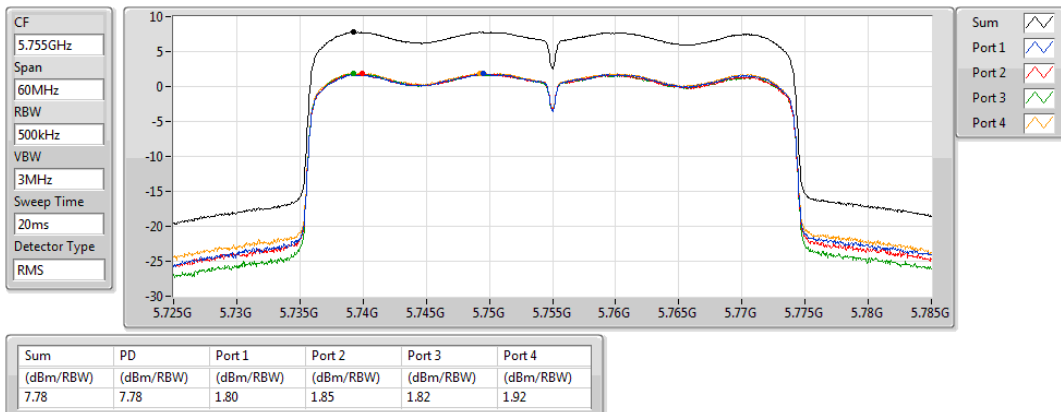


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5755MHz

13/06/2020

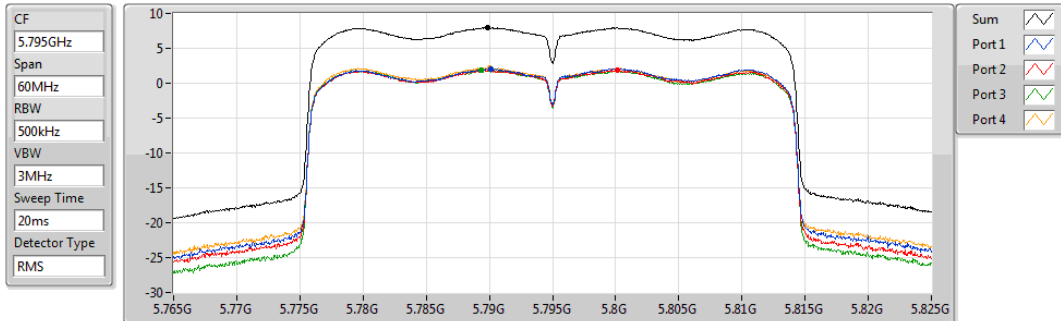


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5795MHz

13/06/2020



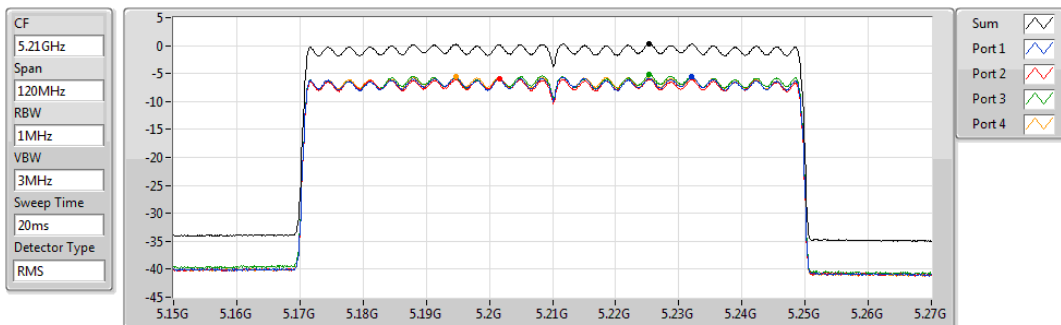
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.96	7.96	2.08	1.86	1.92	2.19

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5210MHz

13/06/2020



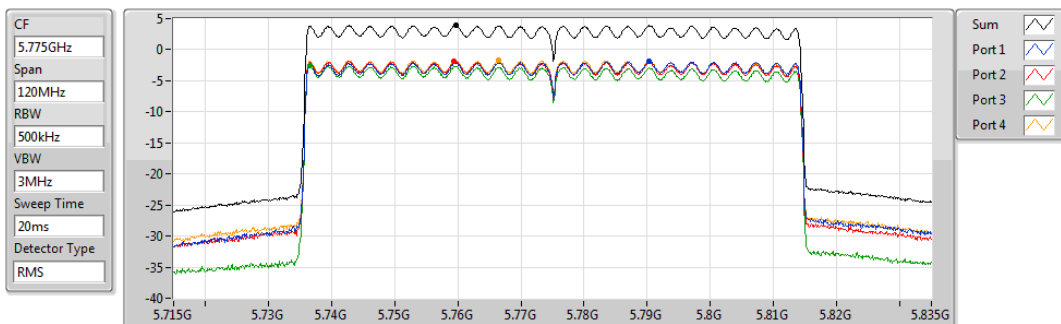
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.28	0.28	-5.58	-5.86	-5.23	-5.56

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5775MHz

13/06/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.89	3.89	-1.85	-1.83	-2.62	-1.75

For beamforming function:

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.31
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.55
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.68
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.24
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	6.32
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.28

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.19	3.83	3.44	2.62	3.11	9.19	10.81
5200MHz	Pass	12.19	4.65	4.52	3.86	4.20	10.30	10.81
5240MHz	Pass	12.19	4.74	4.95	4.09	3.84	10.31	10.81
5745MHz	Pass	12.19	3.19	3.26	2.70	3.14	8.95	23.81
5785MHz	Pass	12.19	3.61	3.62	2.54	3.31	9.22	23.81
5825MHz	Pass	12.19	3.44	3.52	2.72	3.50	9.24	23.81
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	12.19	-0.49	-0.28	-1.56	-0.68	5.18	10.81
5230MHz	Pass	12.19	1.92	2.02	1.29	1.33	7.55	10.81
5755MHz	Pass	12.19	0.26	0.27	-0.31	0.27	6.02	23.81
5795MHz	Pass	12.19	0.80	0.84	-0.63	0.52	6.32	23.81
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	12.19	-6.32	-6.01	-7.19	-6.52	-0.68	10.81
5775MHz	Pass	12.19	-2.37	-2.30	-3.19	-2.50	3.28	23.81

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

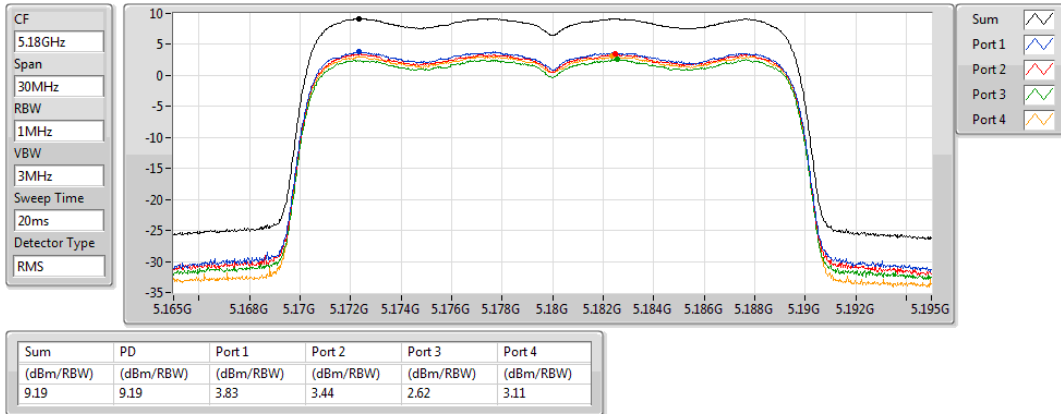
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

20/06/2020

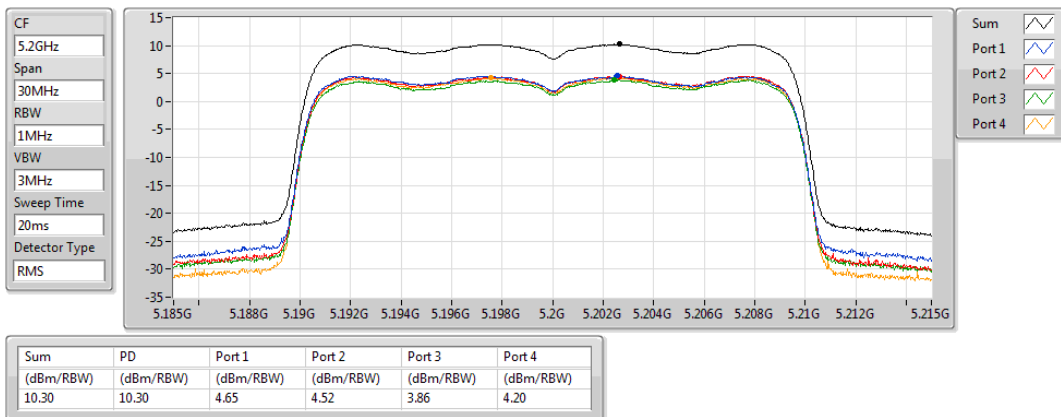


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

20/06/2020

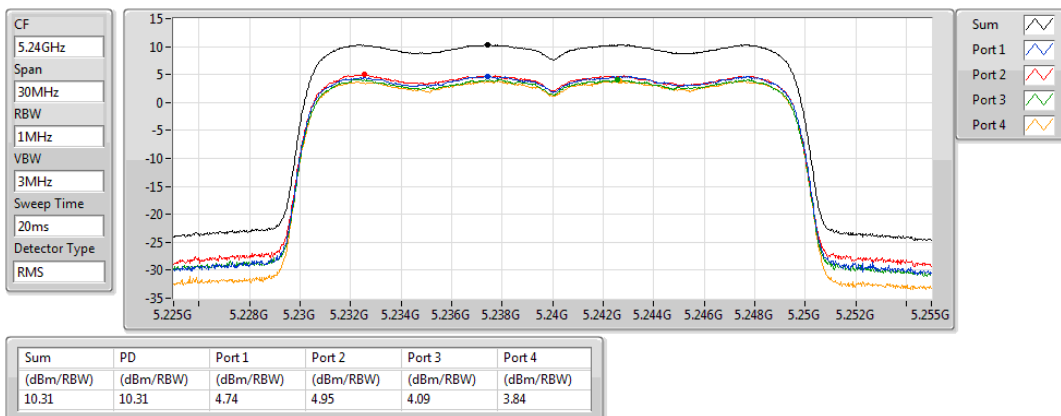


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

20/06/2020

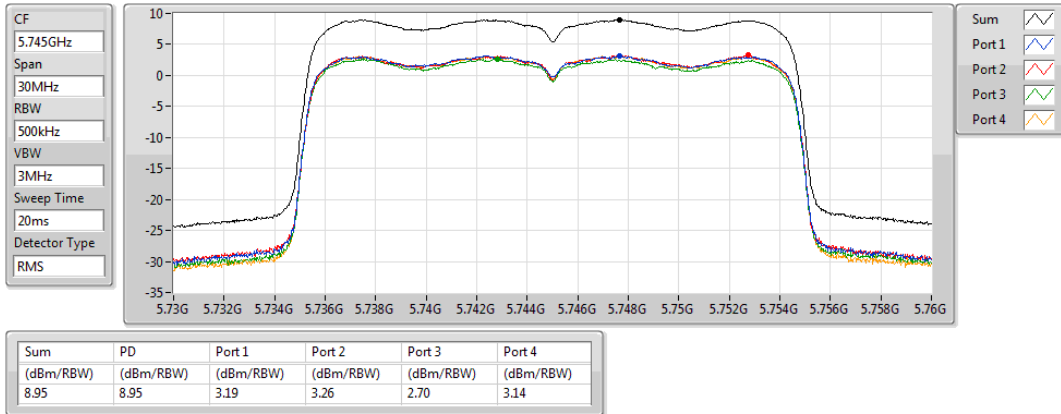


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5745MHz

20/06/2020

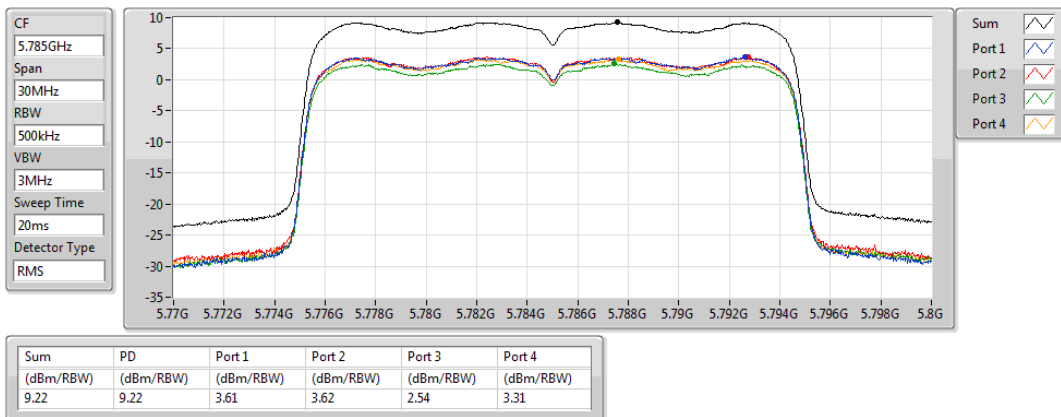


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

20/06/2020

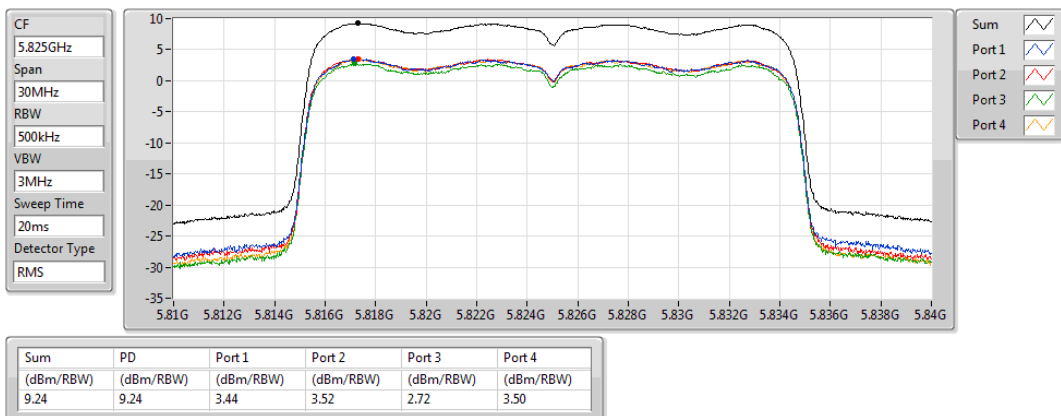


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

20/06/2020

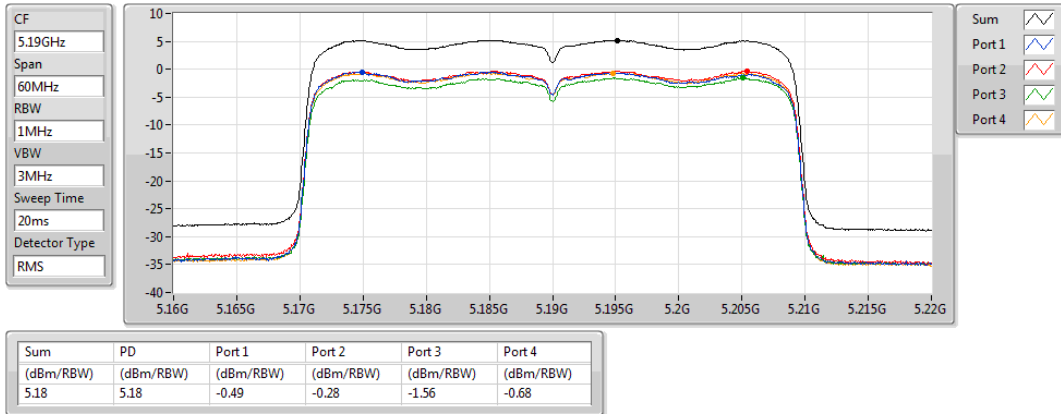


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

20/06/2020

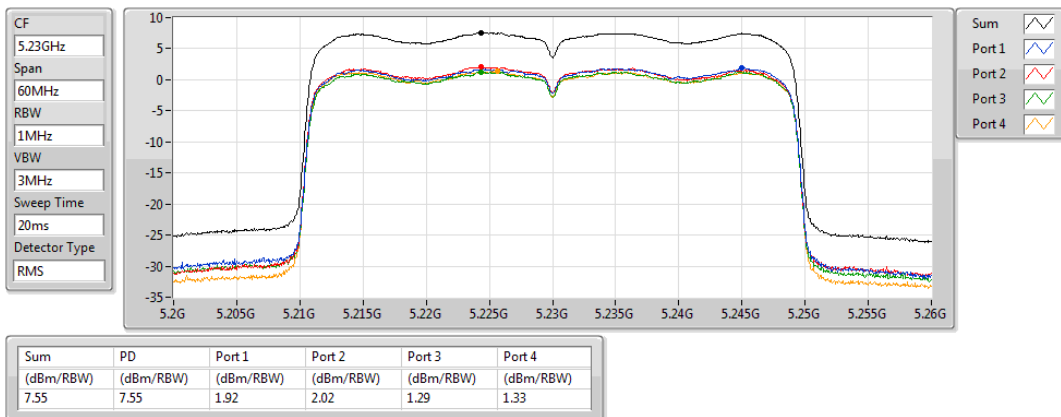


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

20/06/2020

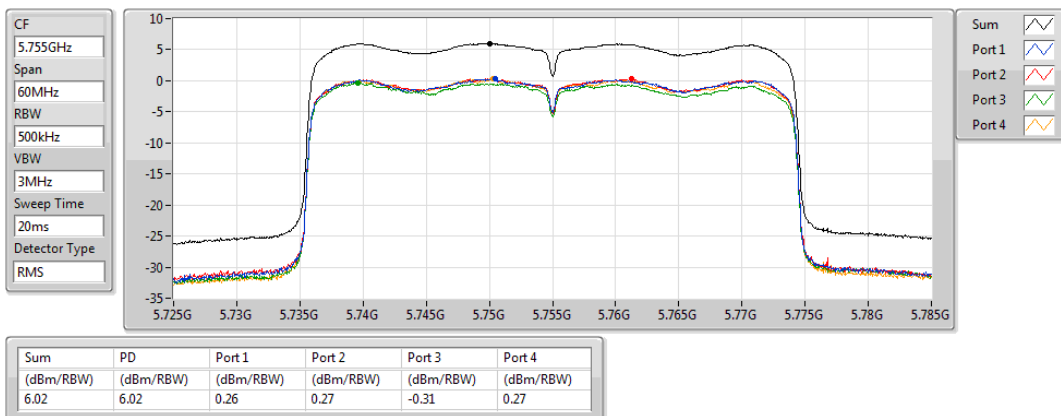


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

20/06/2020

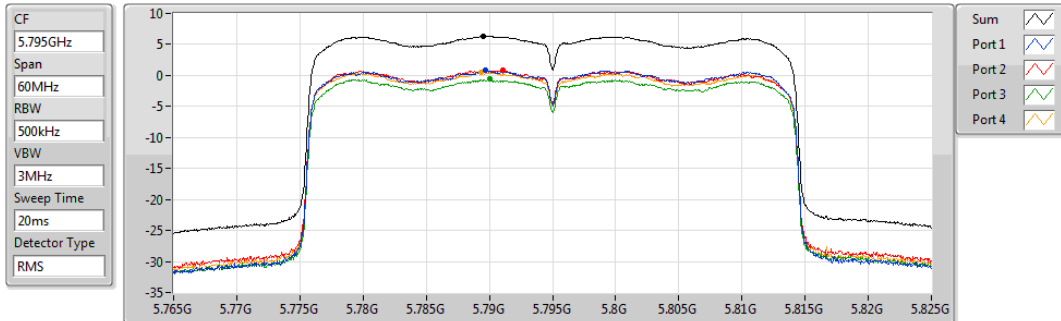


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

20/06/2020



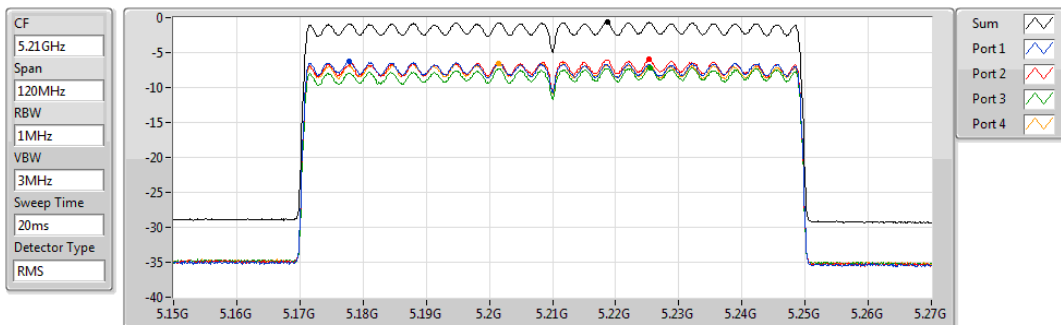
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.32	6.32	0.80	0.84	-0.63	0.52

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

20/06/2020



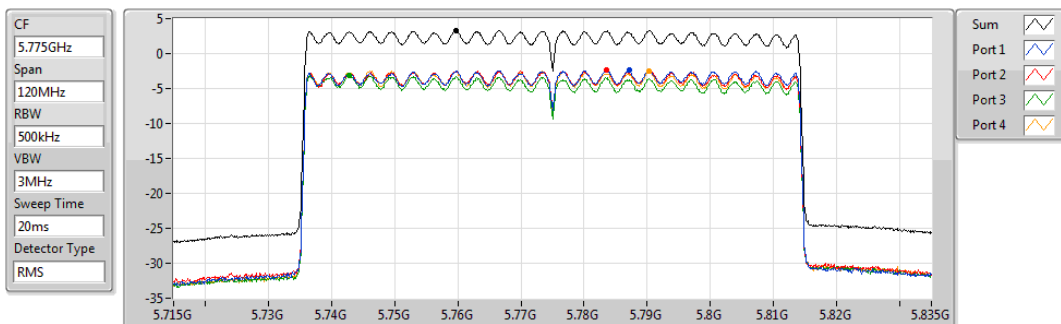
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.68	-0.68	-6.32	-6.01	-7.19	-6.52

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

20/06/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.28	3.28	-2.37	-2.30	-3.19	-2.50



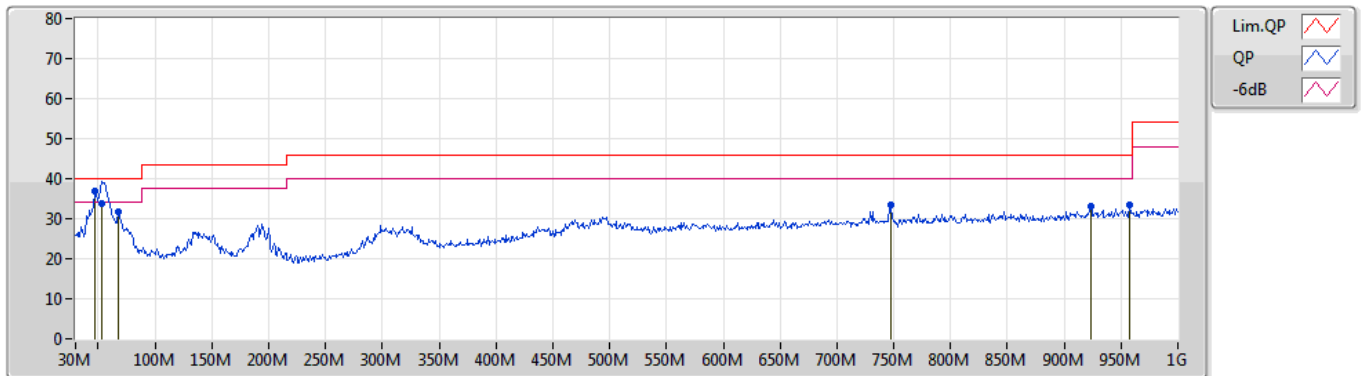
Radiated Emissions below 1GHz Result

Appendix E.1

Summary

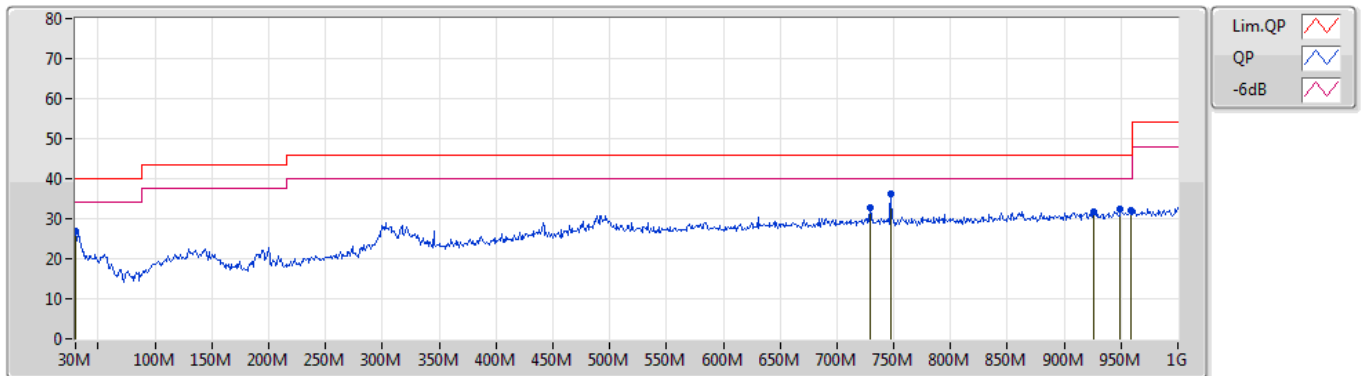
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	46.49M	36.94	40.00	-3.06	Vertical

26/05/2020



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	46.49M	36.94	40.00	-3.06	-16.55	3	Vertical	147	1.00	"Worst"	53.49	15.13	0.83	32.51
QP	53.28M	33.92	40.00	-6.08	-18.58	3	Vertical	147	1.00	-	52.50	13.00	0.90	32.48
PK	67.83M	31.64	40.00	-8.36	-19.18	3	Vertical	204	1.50	-	50.82	12.27	0.96	32.41
PK	747.8M	33.57	46.00	-12.43	-3.18	3	Vertical	332	2.00	-	36.75	25.75	3.30	32.23
PK	923.37M	33.19	46.00	-12.81	-1.11	3	Vertical	127	2.00	-	34.30	26.78	3.69	31.58
PK	957.32M	33.42	46.00	-12.58	-0.58	3	Vertical	356	3.00	-	34.00	26.96	3.80	31.34

27/05/2020



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	30M	27.06	40.00	-12.94	-7.55	3	Horizontal	261	1.50	-	34.61	24.10	0.70	32.35
PK	729.37M	32.78	46.00	-13.22	-3.39	3	Horizontal	203	1.25	-	36.17	25.66	3.26	32.31
PK	747.8M	36.13	46.00	-9.87	-3.18	3	Horizontal	360	1.50	"Worst"	39.31	25.75	3.30	32.23
PK	926.28M	31.87	46.00	-14.13	-1.06	3	Horizontal	201	1.50	-	32.93	26.80	3.71	31.57
PK	949.56M	32.45	46.00	-13.55	-0.73	3	Horizontal	42	1.50	-	33.18	26.91	3.80	31.44
PK	959.26M	31.98	46.00	-14.02	-0.55	3	Horizontal	308	2.00	-	32.53	26.97	3.80	31.32



For non-beamforming function:

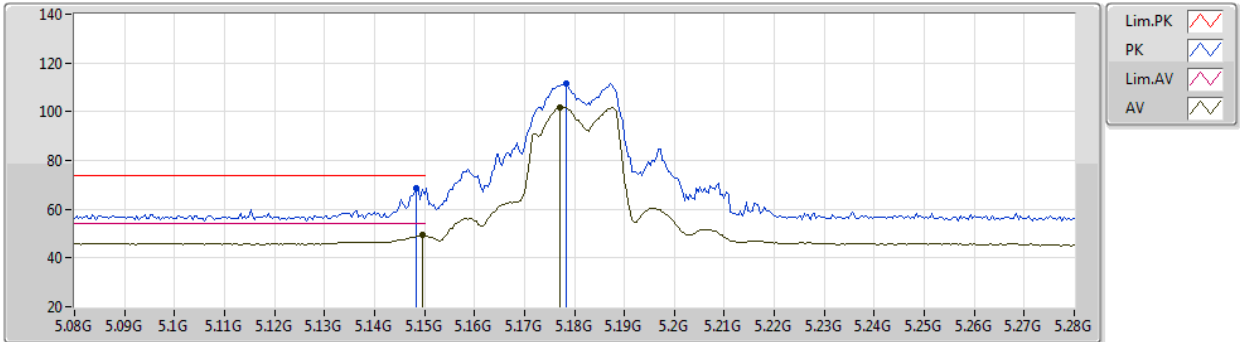
Summary

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 HEW20_Nss1,(MCS0)_4TX	Pass	AV	5.15G	53.96	54.00	-0.04	3	Horizontal	45	2.14	-

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5180MHz_TX



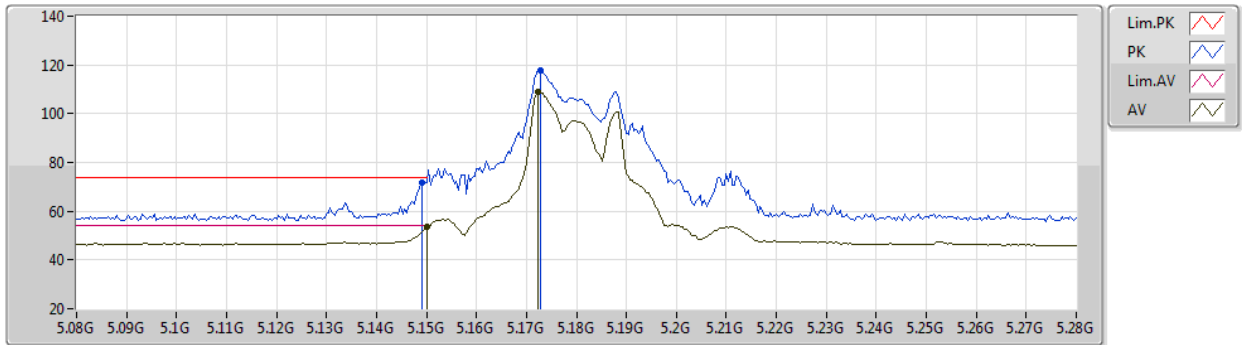
EUT Y_4TX
Setting 17
06-F-S-5-10

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	5.1484G	68.87	74.00	-5.13	63.14	3	Vertical	86	1.07	-	31.76	5.60	31.63
AV	5.1496G	49.32	54.00	-4.68	43.60	3	Vertical	86	1.07	-	31.75	5.60	31.63
PK	5.1784G	111.47	Inf	-Inf	105.91	3	Vertical	86	1.07	-	31.61	5.60	31.65
AV	5.1772G	101.82	Inf	-Inf	96.26	3	Vertical	86	1.07	-	31.61	5.60	31.65

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5180MHz_TX



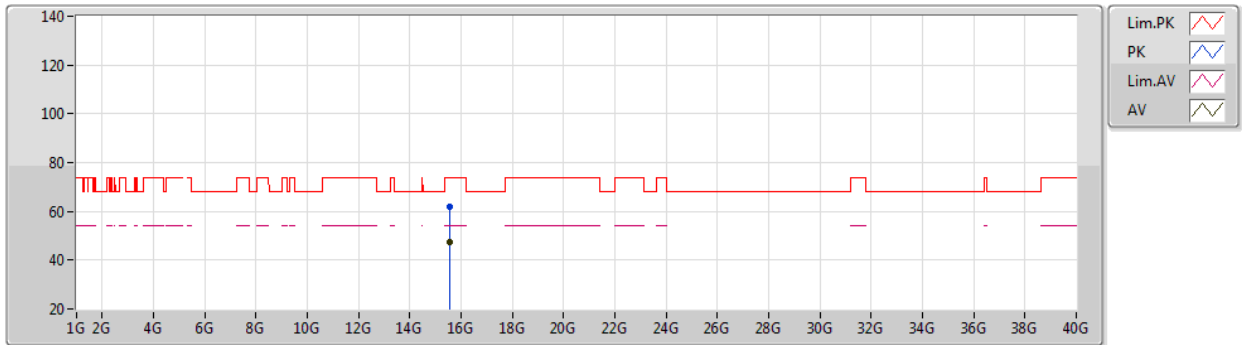
EUT Y_4TX
Setting 17
06-F-S-5-10

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	5.1492G	71.79	74.00	-2.21	66.07	3	Horizontal	44	2.02	-	31.75	5.60	31.63
AV	5.15G	53.78	54.00	-0.22	48.06	3	Horizontal	44	2.02	-	31.75	5.60	31.63
PK	5.1728G	117.69	Inf	-Inf	112.10	3	Horizontal	44	2.02	-	31.64	5.60	31.65
AV	5.1724G	108.72	Inf	-Inf	103.13	3	Horizontal	44	2.02	-	31.64	5.60	31.65

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5180MHz_TX



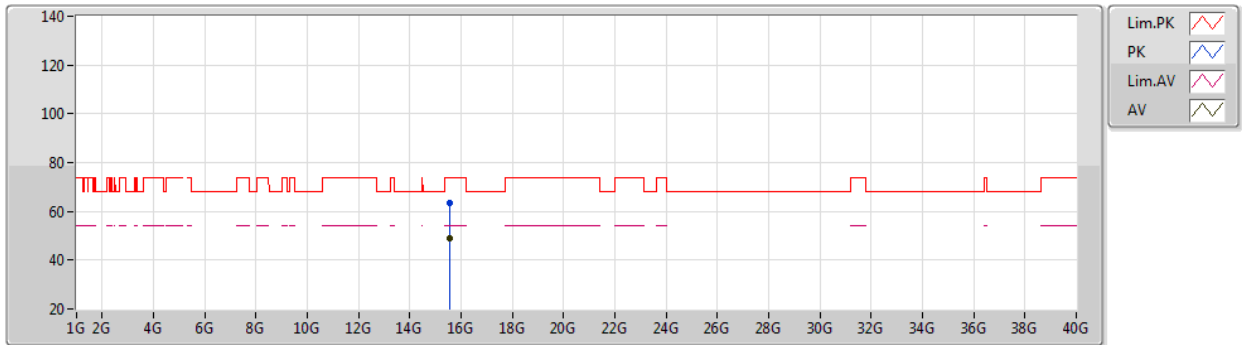
EUT Y_4TX
Setting 17
06-F-S-5

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	15.5394G	61.85	74.00	-9.15	50.71	3	Vertical	341	1.88	-	39.11	8.75	33.72
AV	15.54132G	47.32	54.00	-3.68	36.18	3	Vertical	341	1.88	-	39.11	8.75	33.72

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5180MHz_TX



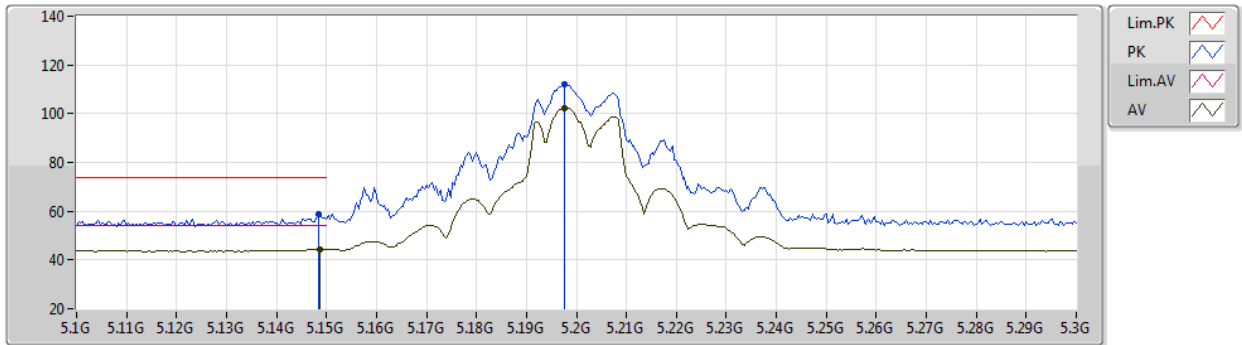
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Setting 17
06-F-S-5

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	15.54312G	63.26	74.00	-10.74	49.13	3	Horizontal	40	1.50	-	39.10	8.75	33.72
AV	15.54144G	48.80	54.00	-5.20	34.67	3	Horizontal	40	1.50	-	39.10	8.75	33.72

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5200MHz_TX



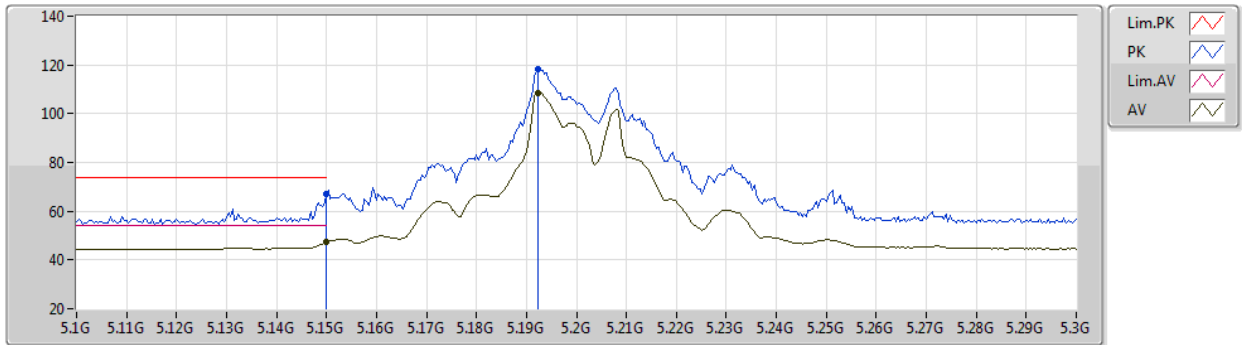
EUT Y_4TX
Setting 20
01-D-N-2-10

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	5.1484G	59.02	74.00	-14.98	54.98	3	Vertical	97	1.76	-	32.80	5.87	34.63
AV	5.1488G	44.39	54.00	-9.61	40.35	3	Vertical	97	1.76	-	32.80	5.87	34.63
PK	5.1976G	111.97	Inf	-Inf	107.92	3	Vertical	97	1.76	-	32.80	5.90	34.65
AV	5.1976G	102.48	Inf	-Inf	98.43	3	Vertical	97	1.76	-	32.80	5.90	34.65

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5200MHz_TX



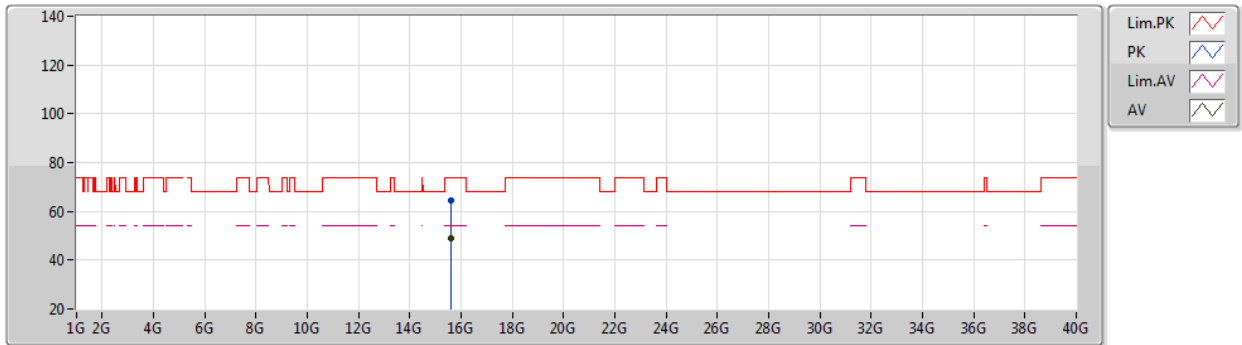
EUT Y_4TX
Setting 20
01-D-N-2-10

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	66.98	74.00	-7.02	62.94	3	Horizontal	43	2.14	-	32.80	5.87	34.63
AV	5.15G	47.24	54.00	-6.76	43.20	3	Horizontal	43	2.14	-	32.80	5.87	34.63
PK	5.1924G	118.10	Inf	-Inf	114.05	3	Horizontal	43	2.14	-	32.80	5.90	34.65
AV	5.1924G	108.64	Inf	-Inf	104.59	3	Horizontal	43	2.14	-	32.80	5.90	34.65

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5200MHz_TX



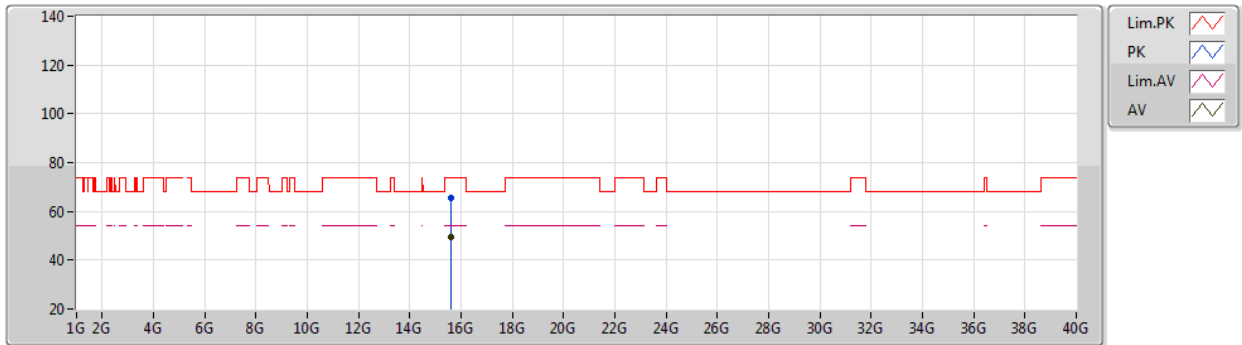
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Setting 20
01-D-N-2

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	15.6G	64.71	74.00	-9.29	51.06	3	Vertical	341	1.98	-	38.72	9.78	34.85
AV	15.6014G	49.00	54.00	-5.00	35.35	3	Vertical	341	1.98	-	38.72	9.78	34.85

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5200MHz_TX



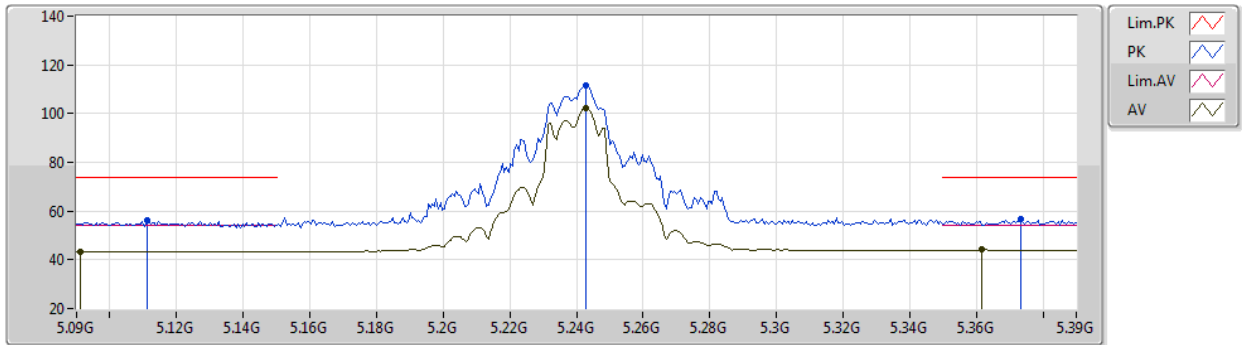
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Setting 20
01-D-N-2

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	15.60212G	65.29	74.00	-8.71	51.64	3	Horizontal	38	2.34	-	38.72	9.78	34.85
AV	15.60232G	49.73	54.00	-4.27	36.08	3	Horizontal	38	2.34	-	38.72	9.78	34.85

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5240MHz_TX



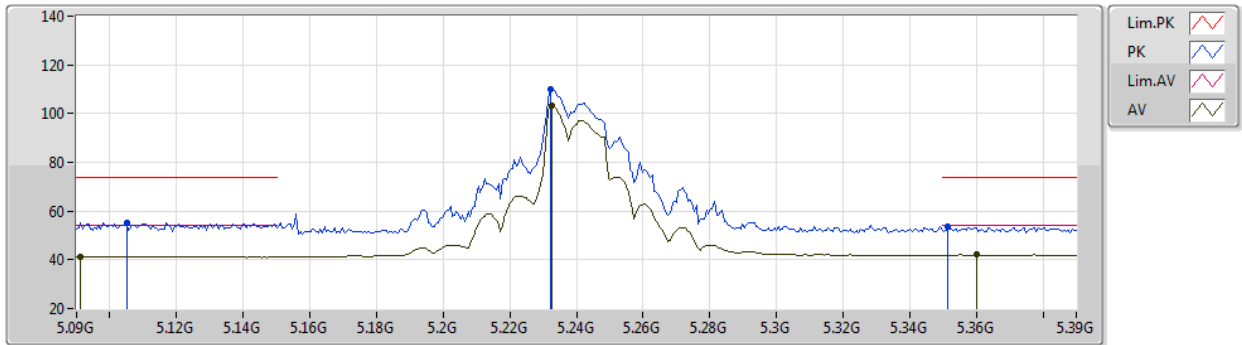
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Setting 20
01-D-S-7-10

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	5.111G	56.06	74.00	-17.94	52.02	3	Vertical	1	3.00	-	32.80	5.86	34.62
AV	5.0912G	43.49	54.00	-10.51	39.45	3	Vertical	1	3.00	-	32.81	5.85	34.62
PK	5.243G	111.53	Inf	-Inf	107.25	3	Vertical	1	3.00	-	32.93	6.02	34.67
AV	5.243G	102.00	Inf	-Inf	97.72	3	Vertical	1	3.00	-	32.93	6.02	34.67
PK	5.3732G	56.88	74.00	-17.12	52.08	3	Vertical	1	3.00	-	33.17	6.34	34.71
AV	5.3618G	44.08	54.00	-9.92	39.32	3	Vertical	1	3.00	-	33.16	6.31	34.71

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5240MHz_TX



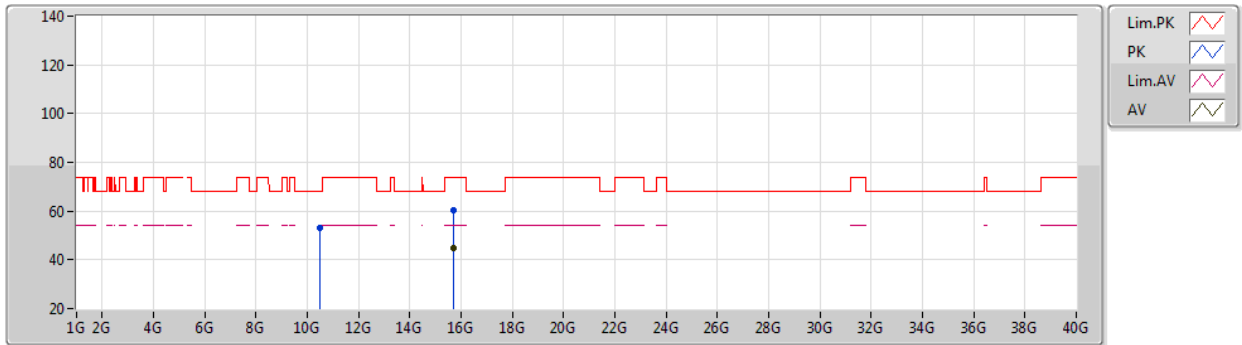
EUT Y_4TX
Setting 20
01-D-S-7-10

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	5.105G	55.28	74.00	-18.72	51.25	3	Horizontal	293	2.39	-	32.80	5.85	34.62
AV	5.0912G	41.23	54.00	-12.77	37.19	3	Horizontal	293	2.39	-	32.81	5.85	34.62
PK	5.2322G	110.12	Inf	-Inf	105.89	3	Horizontal	293	2.39	-	32.90	5.99	34.66
AV	5.2328G	103.03	Inf	-Inf	98.80	3	Horizontal	293	2.39	-	32.90	5.99	34.66
PK	5.3516G	53.43	74.00	-20.57	48.70	3	Horizontal	293	2.39	-	33.15	6.29	34.71
AV	5.36G	42.04	54.00	-11.96	37.28	3	Horizontal	293	2.39	-	33.16	6.31	34.71

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5240MHz_TX



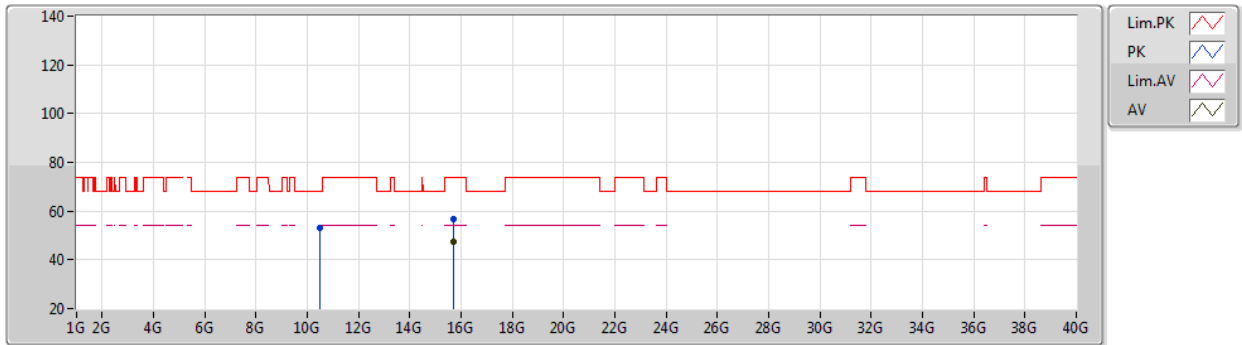
EUT Y_4TX
Setting 20
01-D-S-7

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	10.48338G	53.31	68.20	-14.89	41.38	3	Vertical	242	1.80	-	38.25	8.95	35.27
PK	15.72328G	60.23	74.00	-13.77	46.84	3	Vertical	262	2.19	-	38.62	9.75	34.98
AV	15.72374G	45.01	54.00	-8.99	31.62	3	Vertical	262	2.19	-	38.62	9.75	34.98

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5240MHz_TX



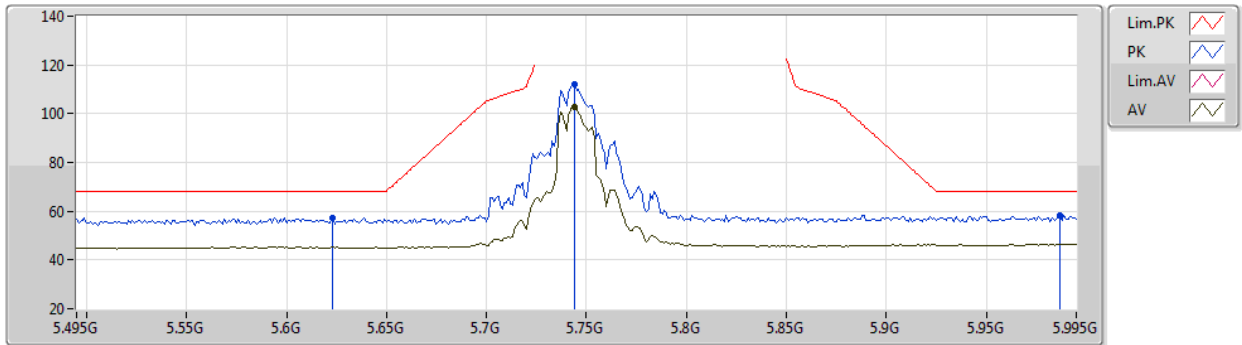
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Setting 20
01-D-S-7

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	10.47712G	53.04	68.20	-15.16	41.12	3	Horizontal	163	1.80	-	38.24	8.95	35.27
PK	15.7249G	56.65	74.00	-17.35	43.26	3	Horizontal	21	1.44	-	38.62	9.75	34.98
AV	15.72402G	47.25	54.00	-6.75	33.86	3	Horizontal	21	1.44	-	38.62	9.75	34.98

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5745MHz_TX



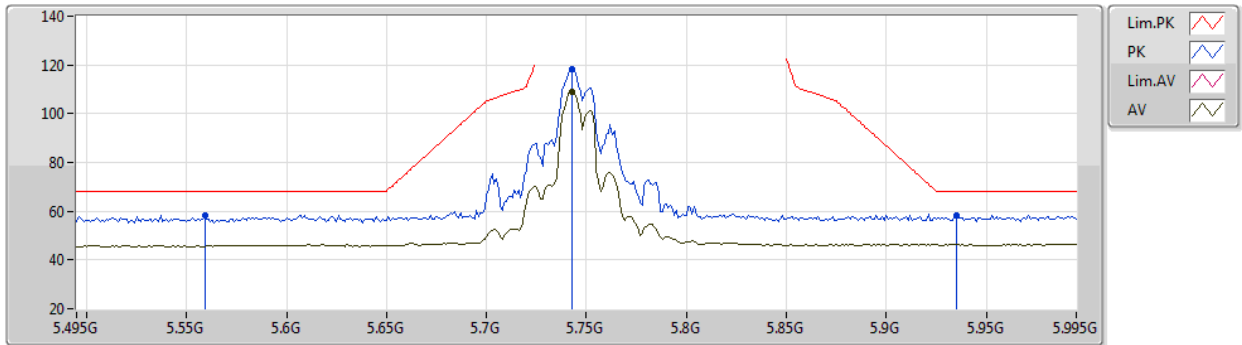
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Setting 20
01-D-S-7-10

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	57.39	68.20	-10.81	51.79	3	Vertical	323	2.06	-	34.00	6.31	34.71
PK	5.744G	112.31	Inf	-Inf	106.48	3	Vertical	323	2.06	-	34.13	6.37	34.67
AV	5.744G	102.91	Inf	-Inf	97.08	3	Vertical	323	2.06	-	34.13	6.37	34.67
PK	5.987G	58.20	68.20	-10.00	51.06	3	Vertical	323	2.06	-	35.23	6.49	34.58

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5745MHz_TX



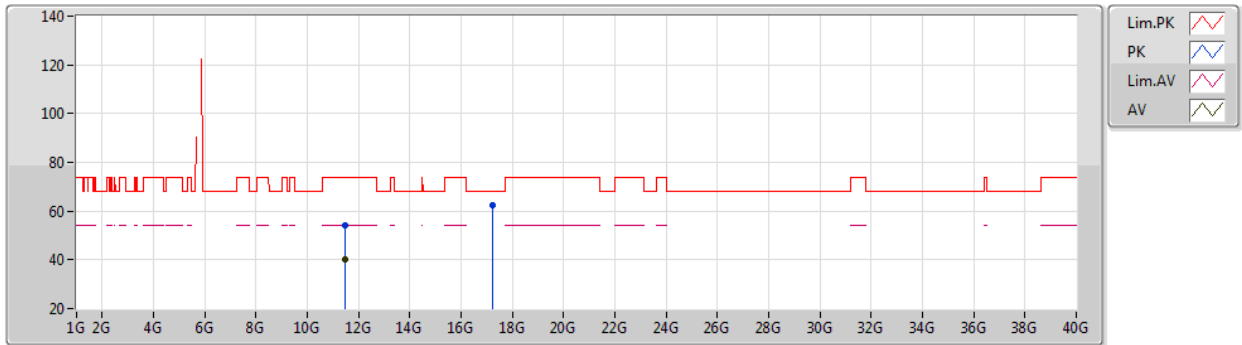
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Setting 20
01-D-S-7-10

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	5.559G	58.36	68.20	-9.84	52.86	3	Horizontal	289	2.31	-	33.92	6.32	34.74
PK	5.743G	118.20	Inf	-Inf	112.37	3	Horizontal	289	2.31	-	34.13	6.37	34.67
AV	5.743G	108.94	Inf	-Inf	103.11	3	Horizontal	289	2.31	-	34.13	6.37	34.67
PK	5.935G	58.50	68.20	-9.70	51.66	3	Horizontal	289	2.31	-	34.97	6.47	34.60

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5745MHz_TX



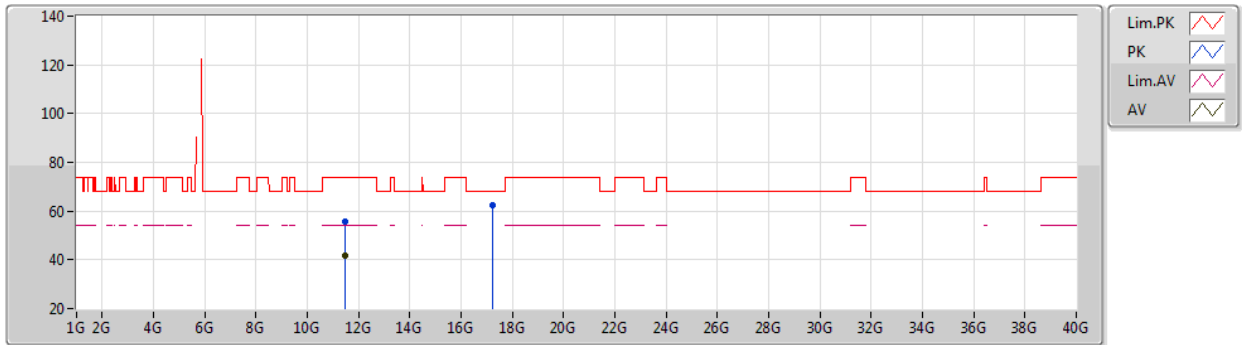
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Setting 20
01-D-S-7

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	11.4946G	53.99	74.00	-20.01	41.22	3	Vertical	359	1.93	-	38.45	9.25	34.93
AV	11.4816G	40.02	54.00	-13.98	27.25	3	Vertical	359	1.93	-	38.45	9.25	34.93
PK	17.23734G	62.38	68.20	-5.82	44.29	3	Vertical	331	1.87	-	41.56	10.26	33.73

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5745MHz_TX



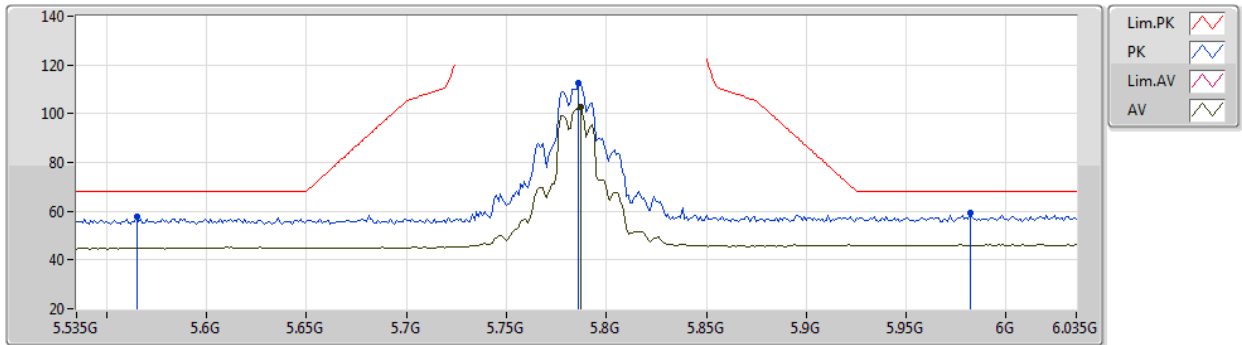
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Setting 20
01-D-S-7

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	11.48836G	55.90	74.00	-18.10	43.13	3	Horizontal	33	1.84	-	38.45	9.25	34.93
AV	11.49516G	41.50	54.00	-12.50	28.73	3	Horizontal	33	1.84	-	38.45	9.25	34.93
PK	17.23304G	62.49	68.20	-5.71	44.41	3	Horizontal	44	1.80	-	41.55	10.26	33.73

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5785MHz_TX



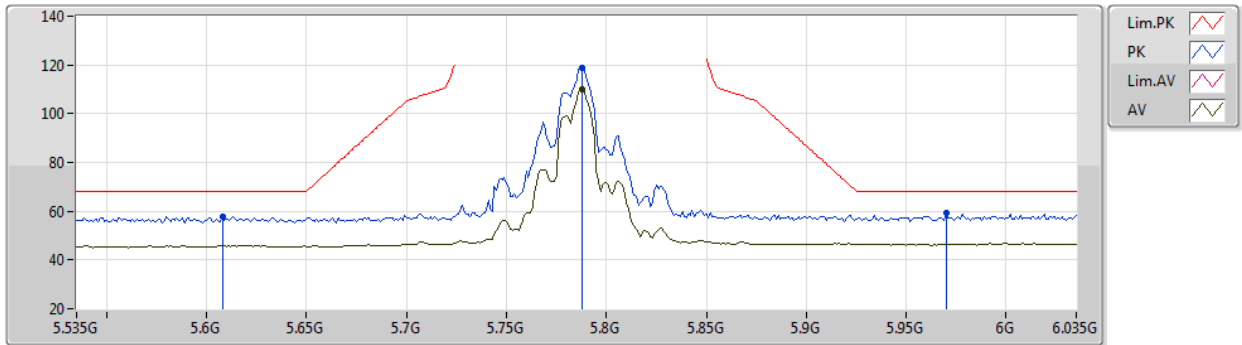
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Setting 20
01-D-S-7-10

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	5.565G	57.53	68.20	-10.67	52.01	3	Vertical	317	3.00	-	33.93	6.32	34.73
PK	5.786G	112.69	Inf	-Inf	106.69	3	Vertical	317	3.00	-	34.26	6.39	34.65
AV	5.787G	102.80	Inf	-Inf	96.80	3	Vertical	317	3.00	-	34.26	6.39	34.65
PK	5.982G	59.38	68.20	-8.82	52.26	3	Vertical	317	3.00	-	35.21	6.49	34.58

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5785MHz_TX



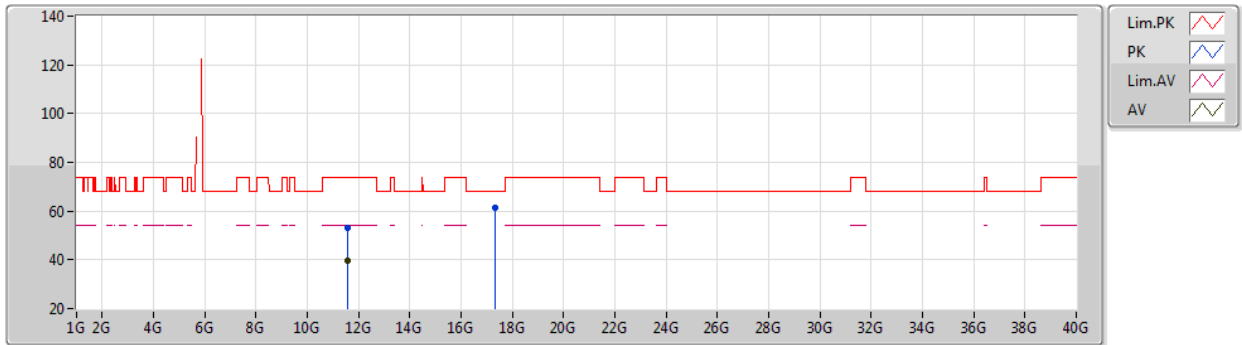
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Setting 20
01-D-S-7-10

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	5.608G	57.61	68.20	-10.59	52.03	3	Horizontal	291	1.70	-	34.00	6.30	34.72
PK	5.788G	118.87	Inf	-Inf	112.87	3	Horizontal	291	1.70	-	34.26	6.39	34.65
AV	5.788G	109.81	Inf	-Inf	103.81	3	Horizontal	291	1.70	-	34.26	6.39	34.65
PK	5.97G	59.06	68.20	-9.14	52.00	3	Horizontal	291	1.70	-	35.15	6.49	34.58

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5785MHz_TX



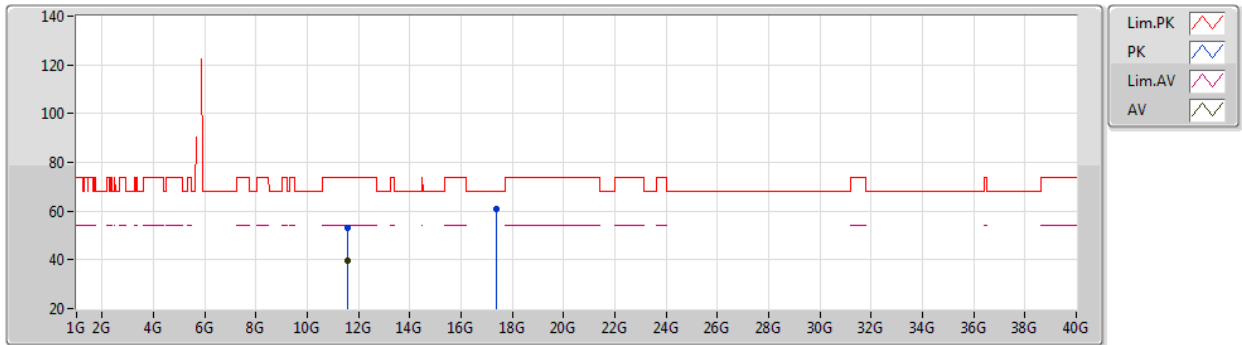
EUT Y_4TX
Setting 20
01-D-S-7

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	11.57476G	53.28	74.00	-20.72	40.48	3	Vertical	37	2.24	-	38.46	9.28	34.94
AV	11.57456G	39.45	54.00	-14.55	26.65	3	Vertical	37	2.24	-	38.46	9.28	34.94
PK	17.34712G	61.43	68.20	-6.77	43.15	3	Vertical	14	2.68	-	41.72	10.31	33.75

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5785MHz_TX



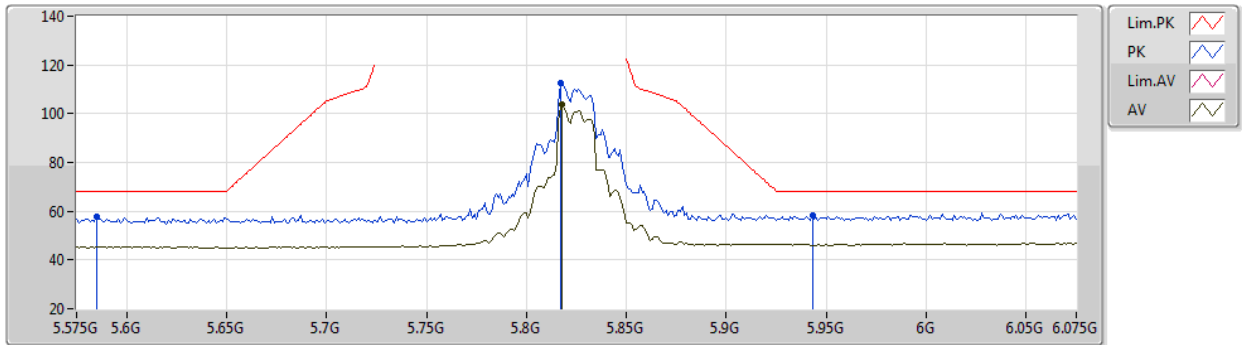
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Setting 20
01-D-S-7

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	11.57062G	53.16	74.00	-20.84	40.36	3	Horizontal	153	1.23	-	38.46	9.28	34.94
AV	11.56504G	39.51	54.00	-14.49	26.72	3	Horizontal	153	1.23	-	38.46	9.27	34.94
PK	17.35764G	61.10	68.20	-7.10	42.79	3	Horizontal	359	1.49	-	41.74	10.32	33.75

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5825MHz_TX



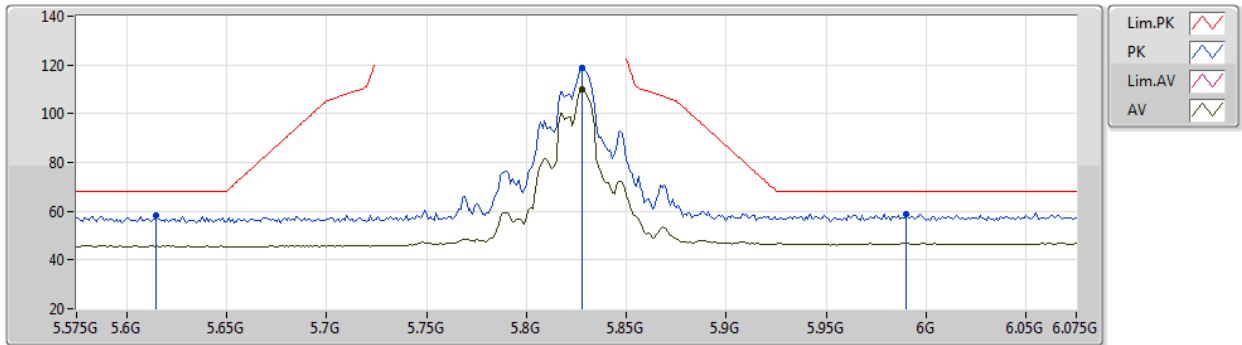
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Setting 20
01-D-S-7-10

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	5.585G	57.52	68.20	-10.68	51.97	3	Vertical	324	2.84	-	33.97	6.31	34.73
PK	5.817G	112.34	Inf	-Inf	106.19	3	Vertical	324	2.84	-	34.38	6.41	34.64
AV	5.818G	103.59	Inf	-Inf	97.43	3	Vertical	324	2.84	-	34.39	6.41	34.64
PK	5.943G	58.22	68.20	-9.98	51.32	3	Vertical	324	2.84	-	35.02	6.47	34.59

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5825MHz_TX



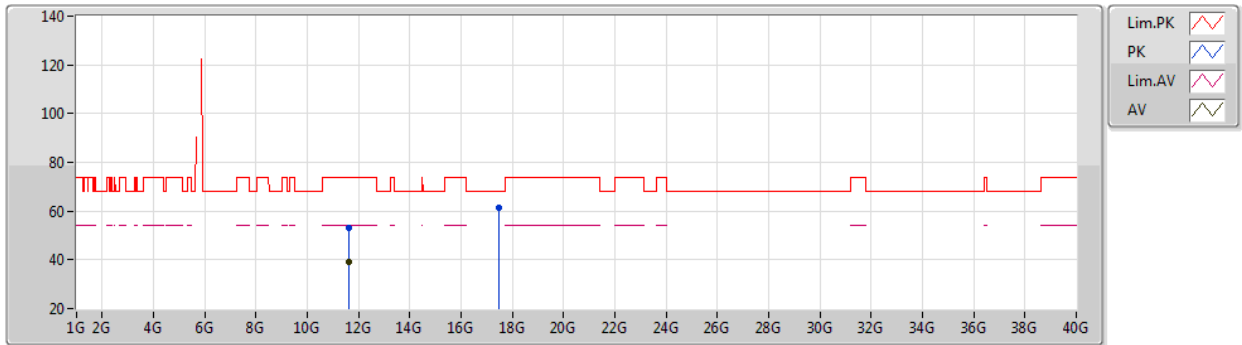
EUT Y_4TX
Setting 20
01-D-S-7-10

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	5.615G	58.07	68.20	-10.13	52.47	3	Horizontal	286	1.51	-	34.00	6.31	34.71
PK	5.828G	119.04	Inf	-Inf	112.83	3	Horizontal	286	1.51	-	34.44	6.41	34.64
AV	5.828G	109.79	Inf	-Inf	103.58	3	Horizontal	286	1.51	-	34.44	6.41	34.64
PK	5.99G	58.96	68.20	-9.24	51.78	3	Horizontal	286	1.51	-	35.25	6.50	34.57

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5825MHz_TX



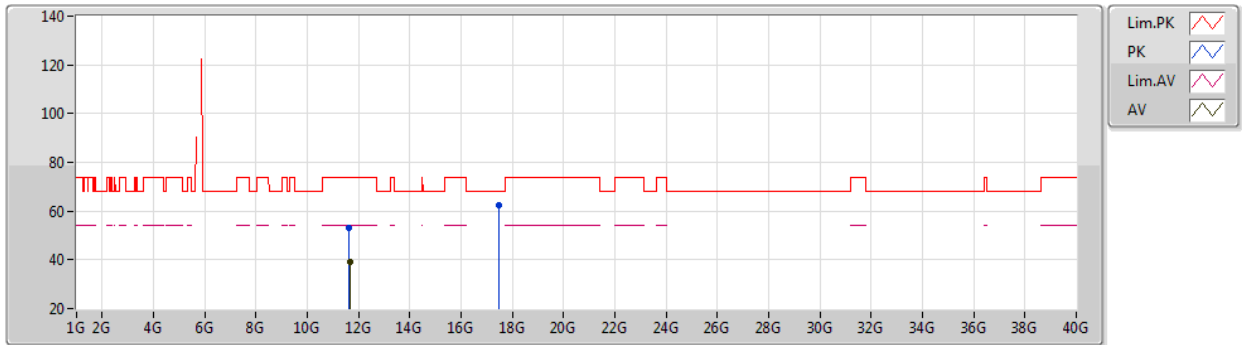
EUT Y_4TX
Setting 20
01-D-S-7

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	11.64732G	52.89	74.00	-21.11	40.08	3	Vertical	15	2.28	-	38.46	9.30	34.95
AV	11.64432G	39.26	54.00	-14.74	26.45	3	Vertical	15	2.28	-	38.46	9.30	34.95
PK	17.47148G	61.46	68.20	-6.74	42.95	3	Vertical	195	1.30	-	41.91	10.37	33.77

802.11a_Nss1,(6Mbps)_4TX

12/06/2020

5825MHz_TX



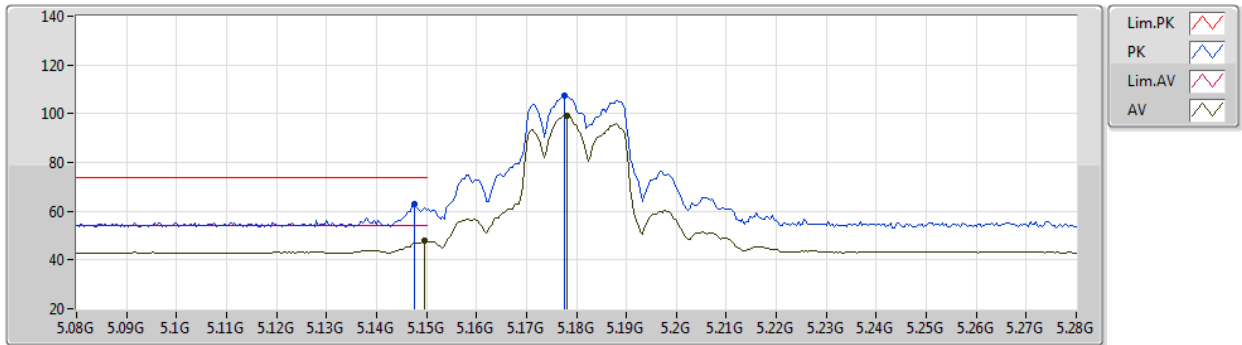
EUT Y_4TX
Setting 20
01-D-S-7

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	11.64596G	53.12	74.00	-20.88	40.31	3	Horizontal	82	1.01	-	38.46	9.30	34.95
AV	11.65044G	39.26	54.00	-14.74	26.44	3	Horizontal	82	1.01	-	38.47	9.30	34.95
PK	17.47804G	62.32	68.20	-5.88	43.80	3	Horizontal	333	2.26	-	41.92	10.37	33.77

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5180MHz_TX



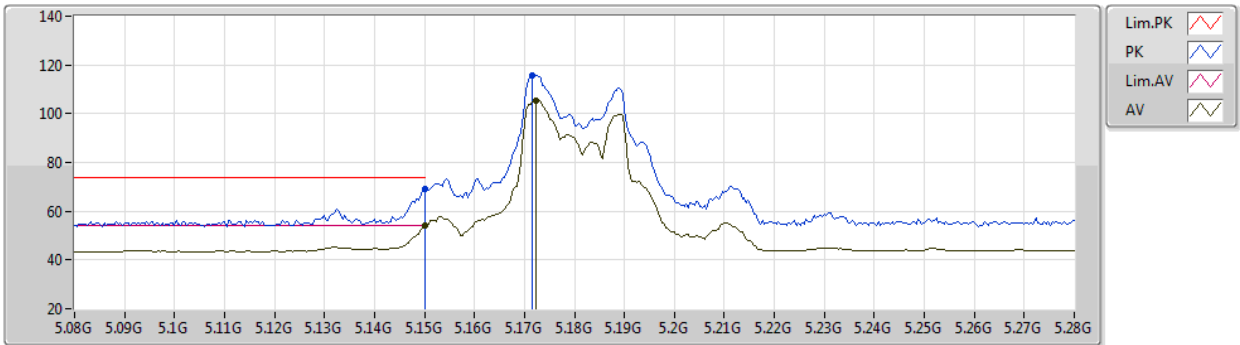
EUT Y_4TX
Setting 17
01-D-N-2-10

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	62.79	74.00	-11.21	58.75	3	Vertical	90	1.80	-	32.80	5.87	34.63
AV	5.1496G	47.88	54.00	-6.12	43.84	3	Vertical	90	1.80	-	32.80	5.87	34.63
PK	5.1776G	107.57	Inf	-Inf	103.52	3	Vertical	90	1.80	-	32.80	5.89	34.64
AV	5.178G	99.15	Inf	-Inf	95.10	3	Vertical	90	1.80	-	32.80	5.89	34.64

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5180MHz_TX



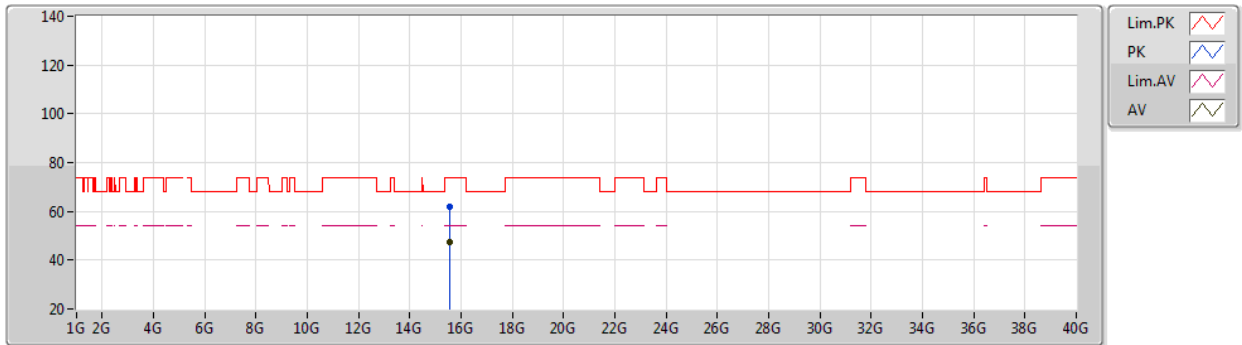
EUT Y_4TX
Setting 17
01-D-N-2-10

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	69.26	74.00	-4.74	65.22	3	Horizontal	45	2.14	-	32.80	5.87	34.63
AV	5.15G	53.96	54.00	-0.04	49.92	3	Horizontal	45	2.14	-	32.80	5.87	34.63
PK	5.1716G	115.72	Inf	-Inf	111.67	3	Horizontal	45	2.14	-	32.80	5.89	34.64
AV	5.1724G	105.15	Inf	-Inf	101.10	3	Horizontal	45	2.14	-	32.80	5.89	34.64

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5180MHz_TX



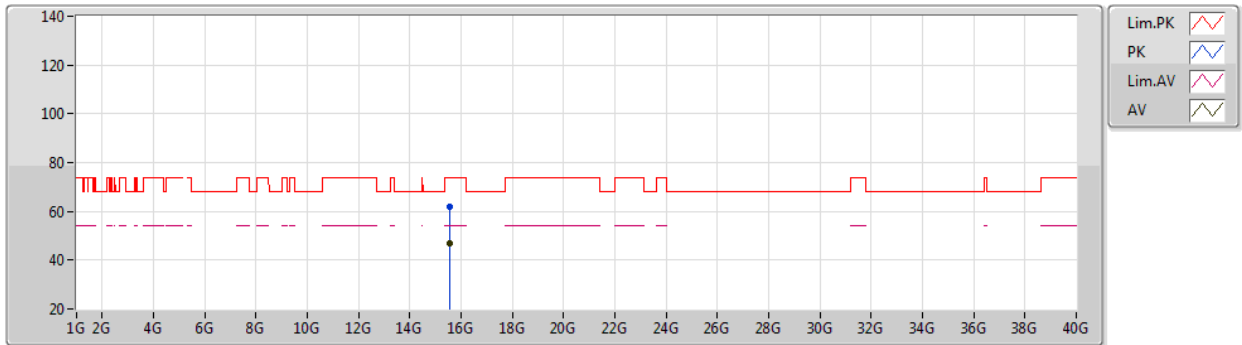
EUT Y_4TX
Setting 17
01-D-N-2

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	15.54116G	61.67	74.00	-12.33	47.89	3	Vertical	344	2.19	-	38.77	9.79	34.78
AV	15.53944G	47.37	54.00	-6.63	33.59	3	Vertical	344	2.19	-	38.77	9.79	34.78

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5180MHz_TX



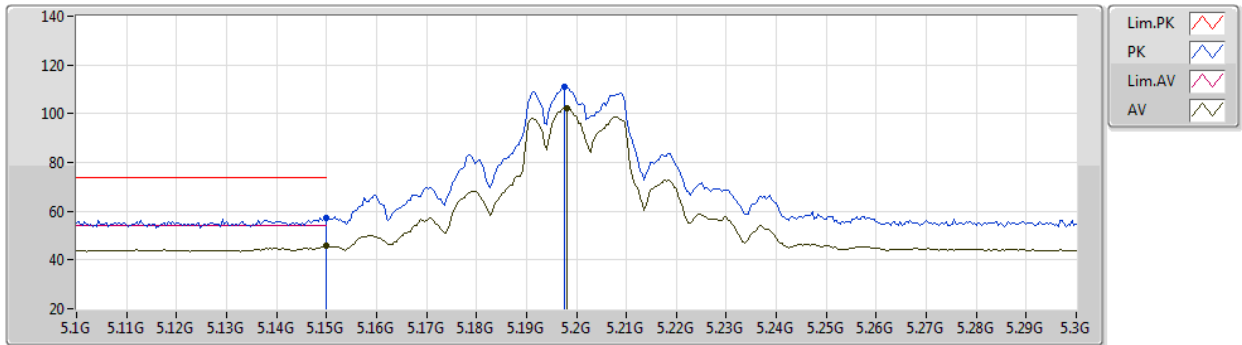
EUT Y_4TX
Setting 17
01-D-N-2

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	15.54212G	61.91	74.00	-12.09	48.13	3	Horizontal	46	1.84	-	38.77	9.79	34.78
AV	15.54124G	47.12	54.00	-6.88	33.34	3	Horizontal	46	1.84	-	38.77	9.79	34.78

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5200MHz_TX



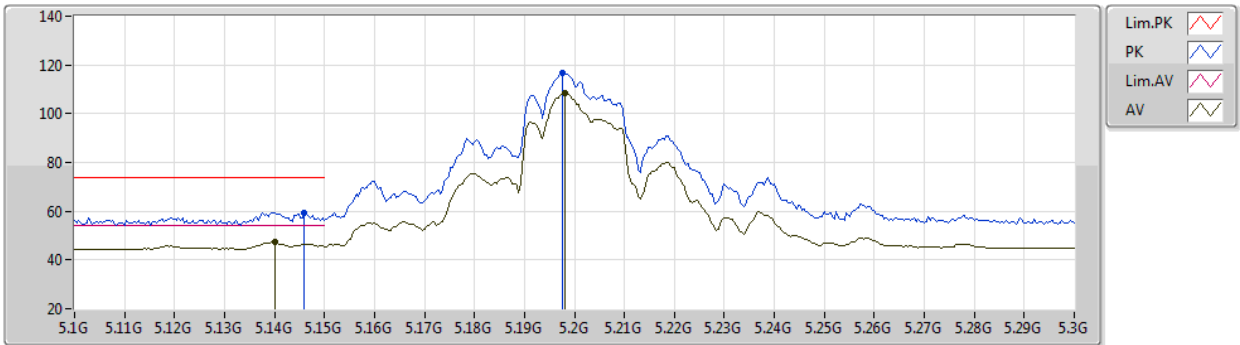
EUT Y_4TX
Setting 20
01-D-N-2-10

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	57.13	74.00	-16.87	53.09	3	Vertical	97	1.76	-	32.80	5.87	34.63
AV	5.15G	45.76	54.00	-8.24	41.72	3	Vertical	97	1.76	-	32.80	5.87	34.63
PK	5.1976G	110.89	Inf	-Inf	106.84	3	Vertical	97	1.76	-	32.80	5.90	34.65
AV	5.198G	102.41	Inf	-Inf	98.36	3	Vertical	97	1.76	-	32.80	5.90	34.65

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5200MHz_TX



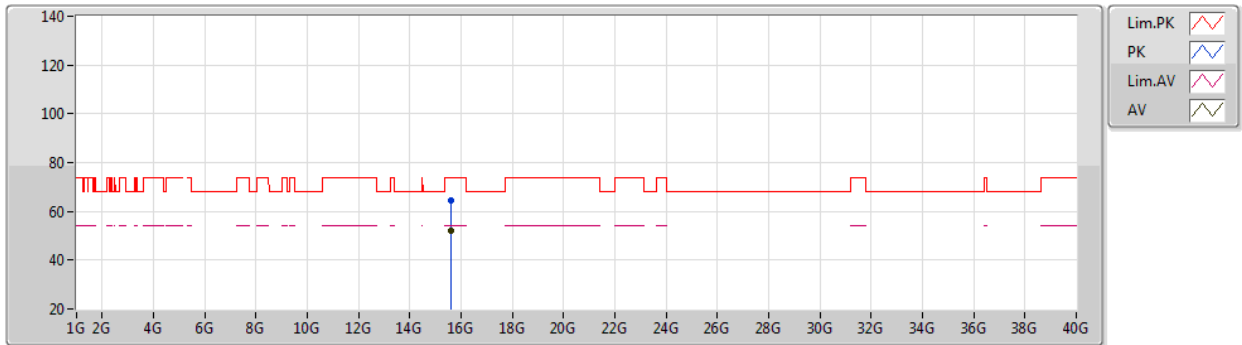
EUT Y_4TX
Setting 20
01-D-N-2-10

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	59.34	74.00	-14.66	55.30	3	Horizontal	37	1.12	-	32.80	5.87	34.63
AV	5.14G	47.31	54.00	-6.69	43.27	3	Horizontal	37	1.12	-	32.80	5.87	34.63
PK	5.1976G	116.69	Inf	-Inf	112.64	3	Horizontal	37	1.12	-	32.80	5.90	34.65
AV	5.198G	108.35	Inf	-Inf	104.30	3	Horizontal	37	1.12	-	32.80	5.90	34.65

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5200MHz_TX



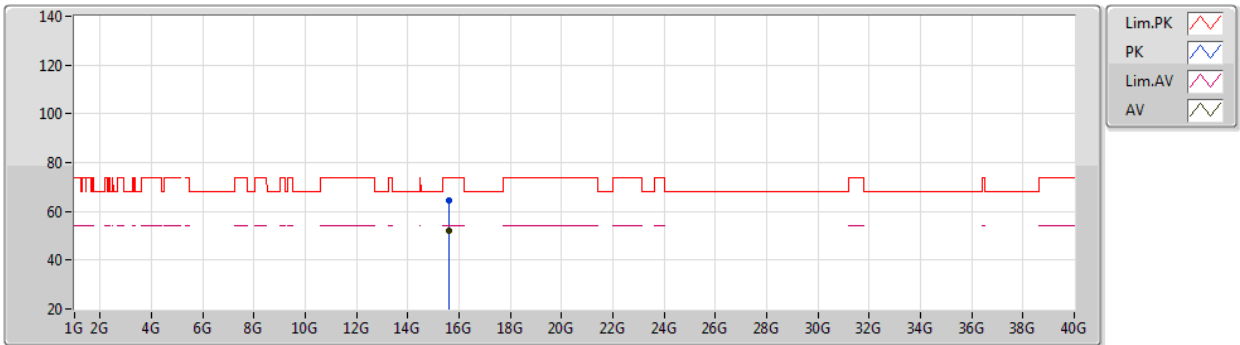
EUT Y_4TX
Setting 20
01-D-N-2

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	15.60112G	64.71	74.00	-9.29	51.06	3	Vertical	344	1.90	-	38.72	9.78	34.85
AV	15.60112G	52.08	54.00	-1.92	38.43	3	Vertical	344	1.90	-	38.72	9.78	34.85

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5200MHz_TX



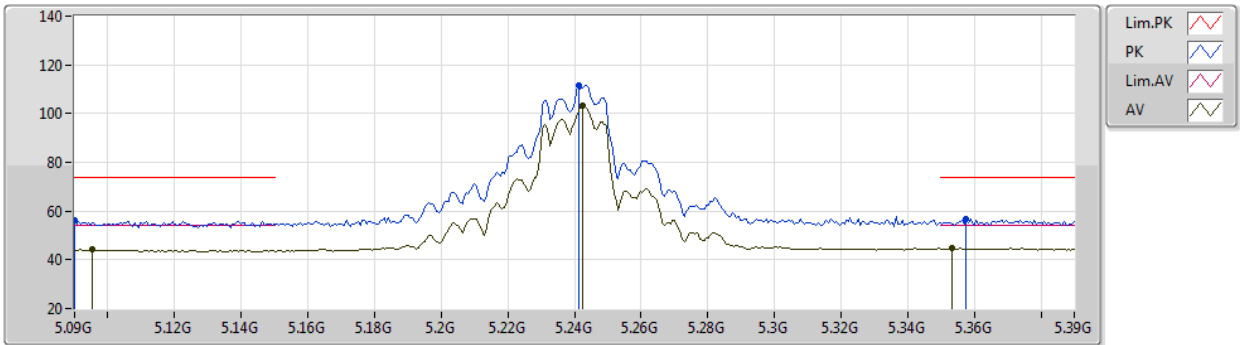
EUT Y_4TX
Setting 20
01-D-N-2

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	15.60124G	64.63	74.00	-9.37	50.98	3	Horizontal	44	2.39	-	38.72	9.78	34.85
AV	15.6012G	51.98	54.00	-2.02	38.33	3	Horizontal	44	2.39	-	38.72	9.78	34.85

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5240MHz_TX



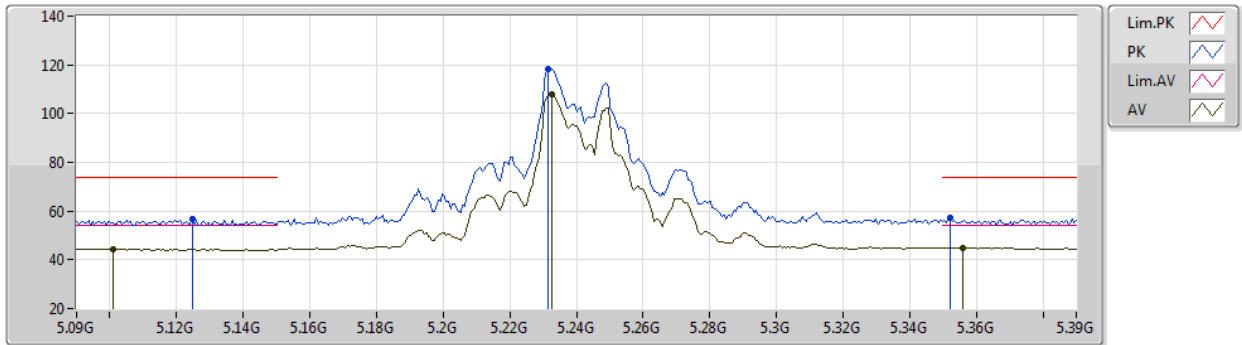
EUT Y_4TX
Setting 20
01-D-N-2-10

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	5.09G	56.36	74.00	-17.64	52.33	3	Vertical	4	3.00	-	32.81	5.84	34.62
AV	5.0954G	44.17	54.00	-9.83	40.14	3	Vertical	4	3.00	-	32.80	5.85	34.62
PK	5.2412G	111.54	Inf	-Inf	107.28	3	Vertical	4	3.00	-	32.92	6.01	34.67
AV	5.2424G	103.32	Inf	-Inf	99.05	3	Vertical	4	3.00	-	32.93	6.01	34.67
PK	5.3576G	56.72	74.00	-17.28	51.97	3	Vertical	4	3.00	-	33.16	6.30	34.71
AV	5.3534G	44.78	54.00	-9.22	40.05	3	Vertical	4	3.00	-	33.15	6.29	34.71

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5240MHz_TX



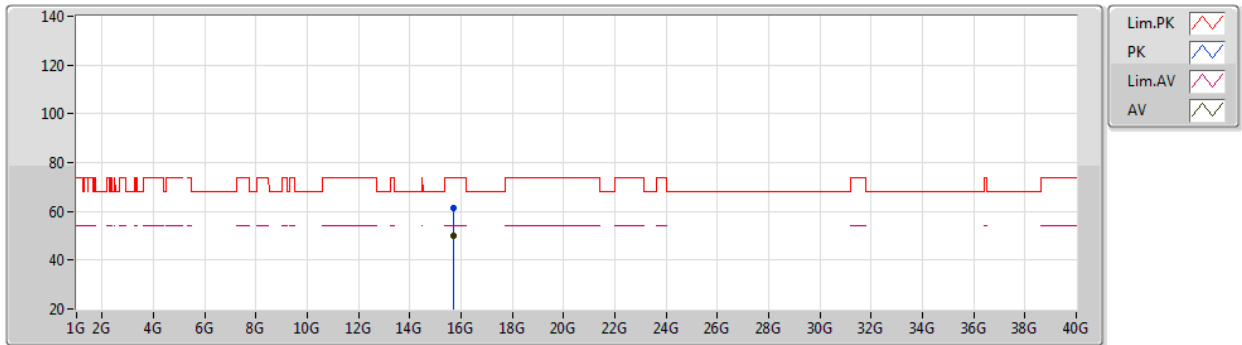
EUT Y_4TX
Setting 20
01-D-N-2-10

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	5.1248G	56.65	74.00	-17.35	52.62	3	Horizontal	42	2.08	-	32.80	5.86	34.63
AV	5.1008G	44.55	54.00	-9.45	40.52	3	Horizontal	42	2.08	-	32.80	5.85	34.62
PK	5.2316G	118.40	Inf	-Inf	114.18	3	Horizontal	42	2.08	-	32.89	5.99	34.66
AV	5.2328G	108.18	Inf	-Inf	103.95	3	Horizontal	42	2.08	-	32.90	5.99	34.66
PK	5.3522G	57.02	74.00	-16.98	52.29	3	Horizontal	42	2.08	-	33.15	6.29	34.71
AV	5.3558G	44.93	54.00	-9.07	40.18	3	Horizontal	42	2.08	-	33.16	6.30	34.71

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5240MHz_TX



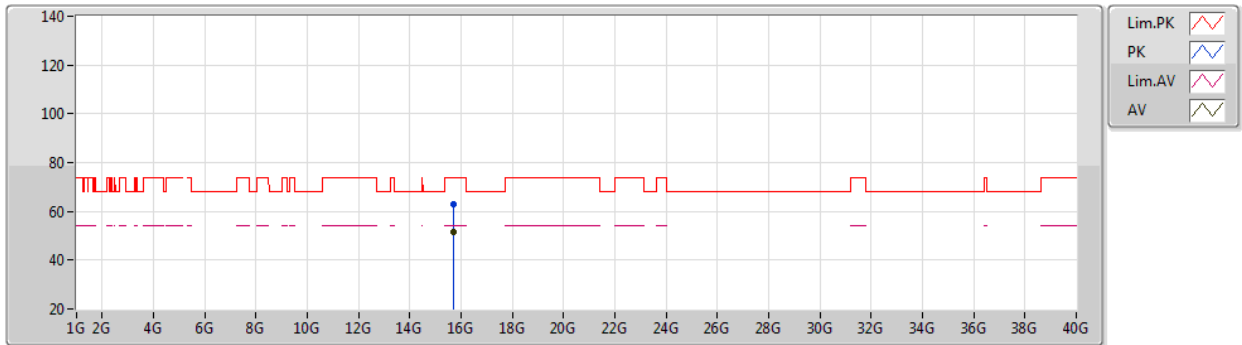
EUT Y_4TX
Setting 20
01-D-N-2

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	15.72576G	61.31	74.00	-12.69	47.93	3	Vertical	347	1.76	-	38.62	9.75	34.99
AV	15.72522G	49.89	54.00	-4.11	36.50	3	Vertical	347	1.76	-	38.62	9.75	34.98

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5240MHz_TX



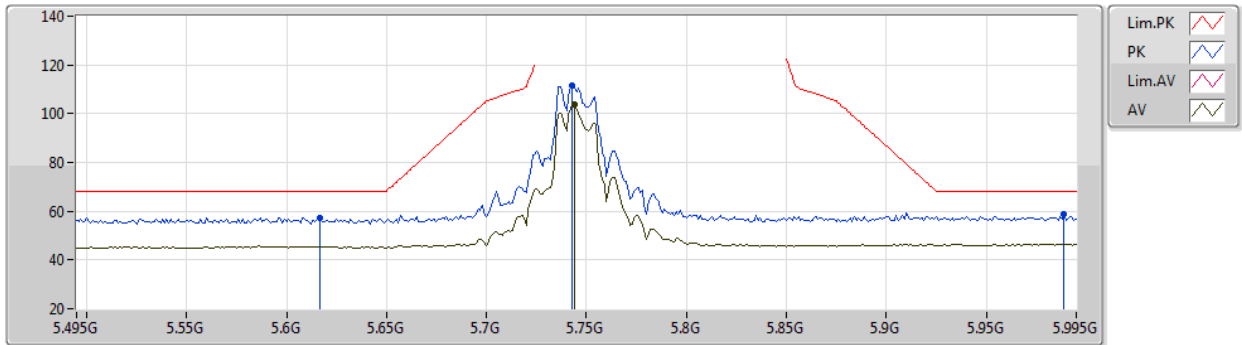
EUT Y_4TX
Setting 20
01-D-N-2

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	15.72246G	62.81	74.00	-11.19	49.42	3	Horizontal	22	1.44	-	38.62	9.75	34.98
AV	15.72306G	51.47	54.00	-2.53	38.08	3	Horizontal	22	1.44	-	38.62	9.75	34.98

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5745MHz_TX



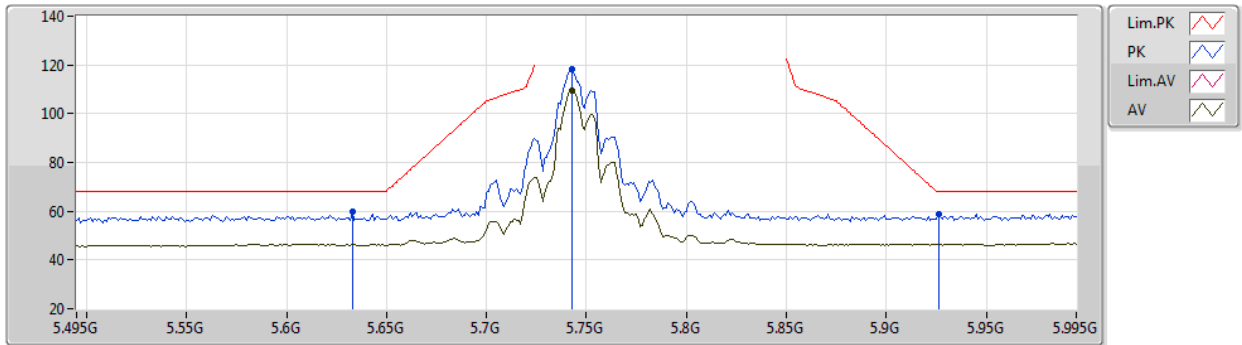
EUT Y_4TX
Setting 20
01-D-N-2-10

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	57.35	68.20	-10.85	51.75	3	Vertical	322	2.07	-	34.00	6.31	34.71
PK	5.743G	111.71	Inf	-Inf	105.88	3	Vertical	322	2.07	-	34.13	6.37	34.67
AV	5.744G	103.72	Inf	-Inf	97.89	3	Vertical	322	2.07	-	34.13	6.37	34.67
PK	5.989G	58.82	68.20	-9.38	51.66	3	Vertical	322	2.07	-	35.24	6.49	34.57

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5745MHz_TX



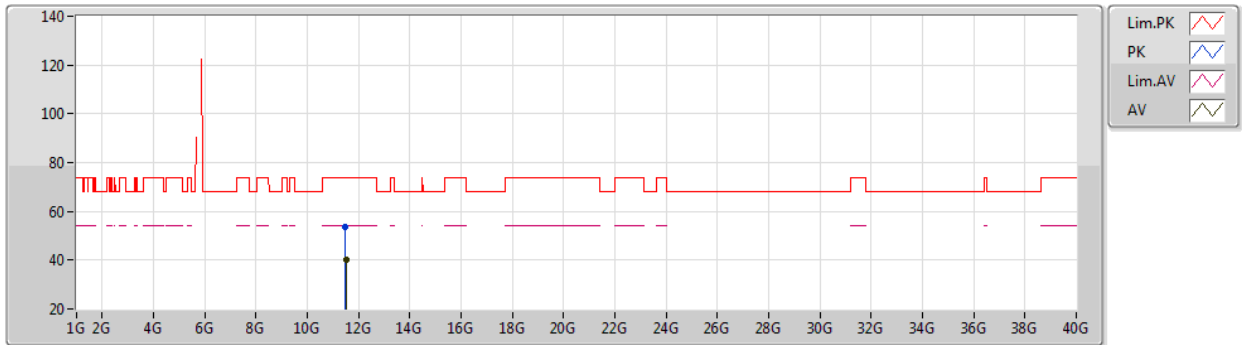
EUT Y_4TX
Setting 20
01-D-N-2-10

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	5.633G	59.57	68.20	-8.63	53.96	3	Horizontal	293	2.30	-	34.00	6.32	34.71
PK	5.743G	118.33	Inf	-Inf	112.50	3	Horizontal	293	2.30	-	34.13	6.37	34.67
AV	5.743G	109.68	Inf	-Inf	103.85	3	Horizontal	293	2.30	-	34.13	6.37	34.67
PK	5.926G	58.83	68.20	-9.37	52.04	3	Horizontal	293	2.30	-	34.93	6.46	34.60

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5745MHz_TX



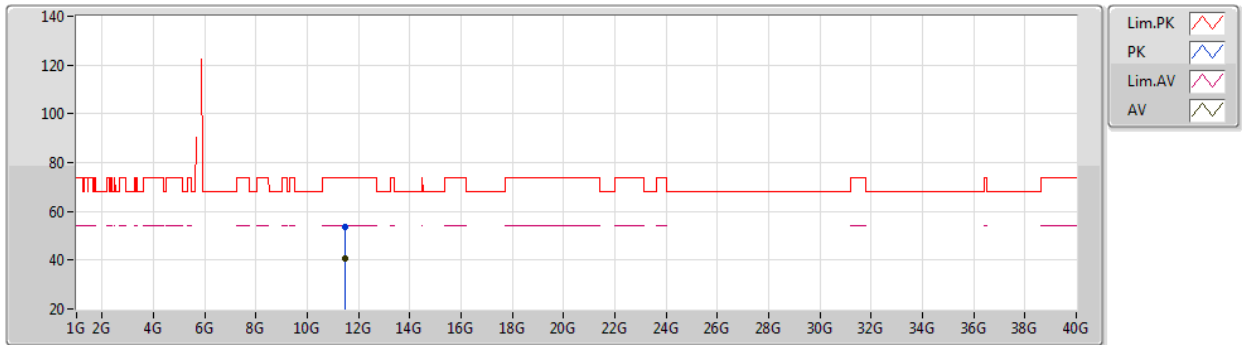
EUT Y_4TX
Setting 20
01-D-N-2

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	11.48874G	53.69	74.00	-20.31	40.92	3	Vertical	130	1.80	-	38.45	9.25	34.93
AV	11.50044G	40.09	54.00	-13.91	27.31	3	Vertical	130	1.80	-	38.45	9.26	34.93

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5745MHz_TX



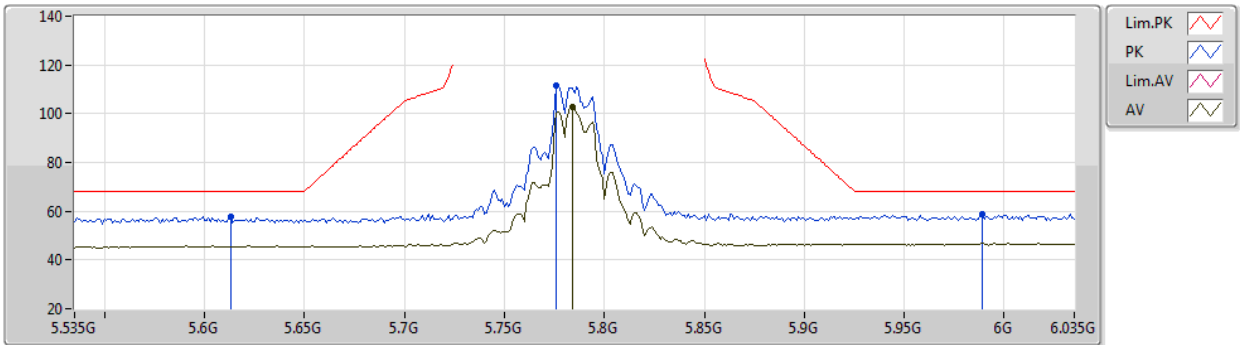
EUT Y_4TX
Setting 20
01-D-N-2

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	11.48964G	53.81	74.00	-20.19	41.04	3	Horizontal	37	2.59	-	38.45	9.25	34.93
AV	11.48184G	40.70	54.00	-13.30	27.93	3	Horizontal	37	2.59	-	38.45	9.25	34.93

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5785MHz_TX



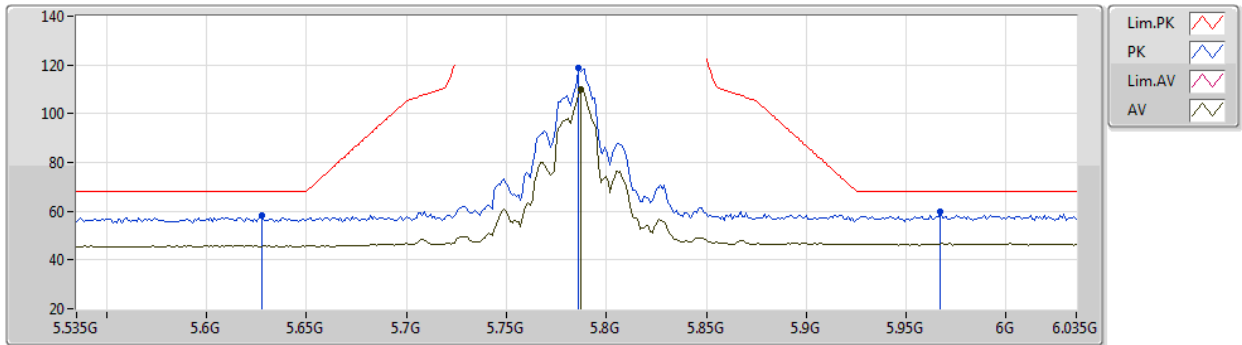
EUT Y_4TX
Setting 20
01-D-N-2-10

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	5.613G	57.59	68.20	-10.61	51.99	3	Vertical	324	2.03	-	34.00	6.31	34.71
PK	5.776G	111.70	Inf	-Inf	105.74	3	Vertical	324	2.03	-	34.23	6.39	34.66
AV	5.784G	102.97	Inf	-Inf	96.98	3	Vertical	324	2.03	-	34.25	6.39	34.65
PK	5.989G	58.97	68.20	-9.23	51.81	3	Vertical	324	2.03	-	35.24	6.49	34.57

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5785MHz_TX



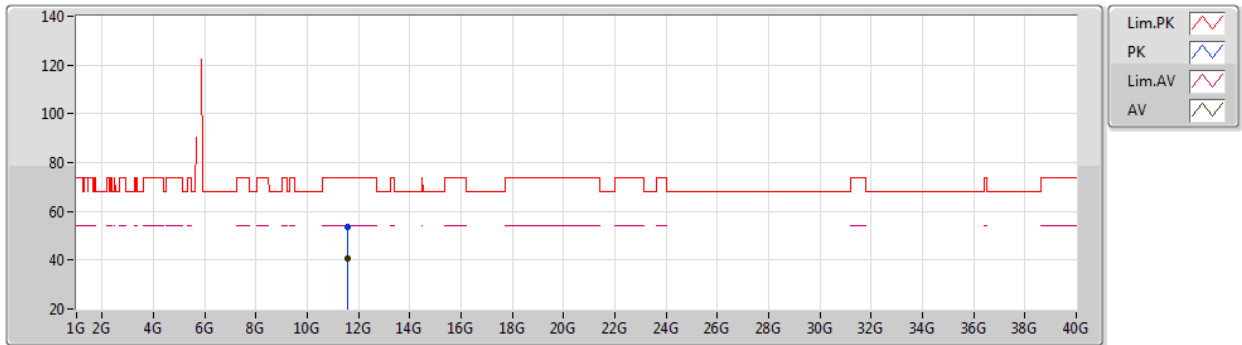
EUT Y_4TX
Setting 20
01-D-N-2-10

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	5.628G	58.05	68.20	-10.15	52.45	3	Horizontal	289	1.69	-	34.00	6.31	34.71
PK	5.786G	118.83	Inf	-Inf	112.83	3	Horizontal	289	1.69	-	34.26	6.39	34.65
AV	5.787G	110.00	Inf	-Inf	104.00	3	Horizontal	289	1.69	-	34.26	6.39	34.65
PK	5.967G	59.60	68.20	-8.60	52.57	3	Horizontal	289	1.69	-	35.13	6.48	34.58

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5785MHz_TX



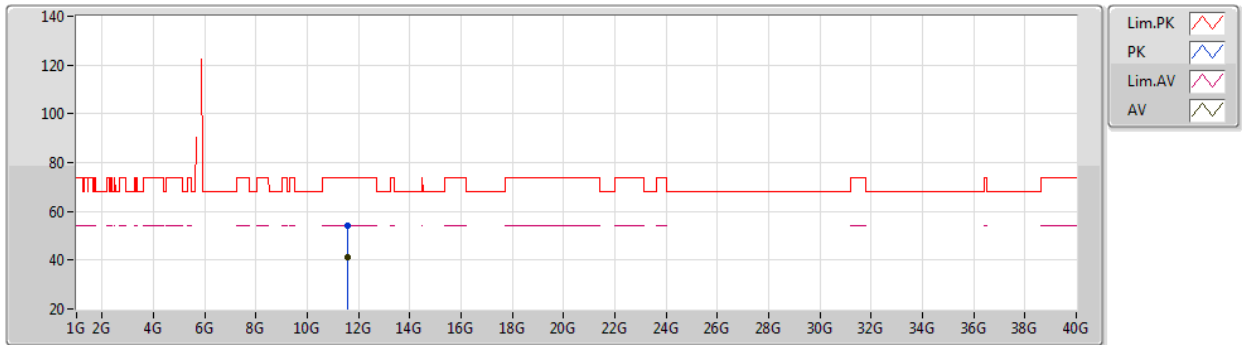
EUT Y_4TX
Setting 20
01-D-N-2

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	11.5673G	53.83	74.00	-20.17	41.04	3	Vertical	79	1.80	-	38.46	9.27	34.94
AV	11.56718G	40.70	54.00	-13.30	27.91	3	Vertical	79	1.80	-	38.46	9.27	34.94

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5785MHz_TX



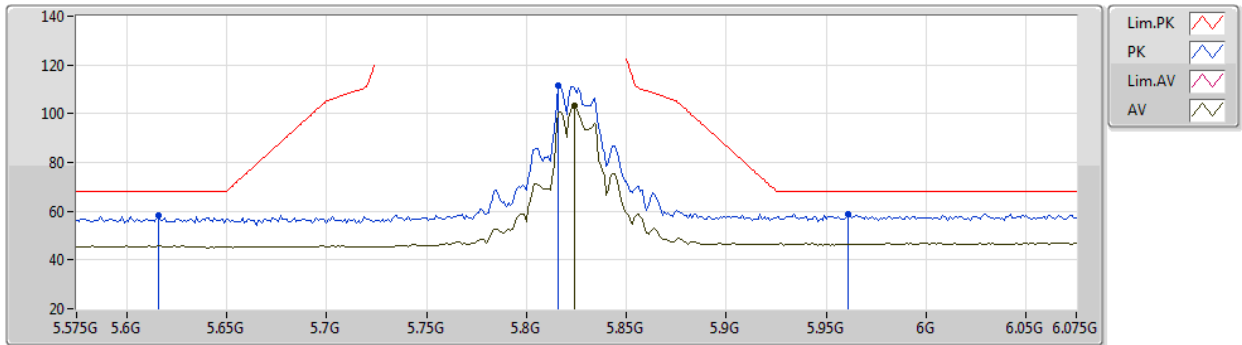
EUT Y_4TX
Setting 20
01-D-N-2

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	11.57558G	53.97	74.00	-20.03	41.17	3	Horizontal	26	2.10	-	38.46	9.28	34.94
AV	11.56616G	41.40	54.00	-12.60	28.61	3	Horizontal	26	2.10	-	38.46	9.27	34.94

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5825MHz_TX



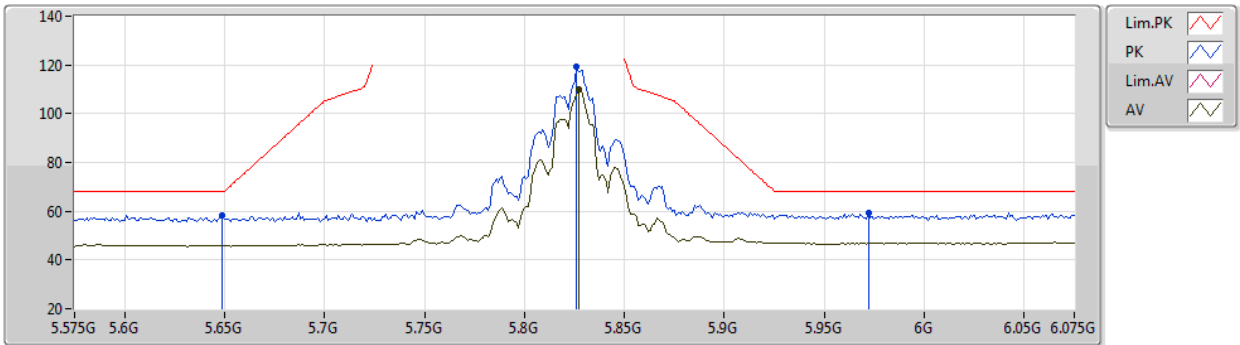
EUT Y_4TX
Setting 20
01-D-N-2-10

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	5.616G	58.53	68.20	-9.67	52.93	3	Vertical	324	2.01	-	34.00	6.31	34.71
PK	5.816G	111.45	Inf	-Inf	105.30	3	Vertical	324	2.01	-	34.38	6.41	34.64
AV	5.824G	103.41	Inf	-Inf	97.22	3	Vertical	324	2.01	-	34.42	6.41	34.64
PK	5.961G	58.94	68.20	-9.26	51.95	3	Vertical	324	2.01	-	35.10	6.48	34.59

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5825MHz_TX



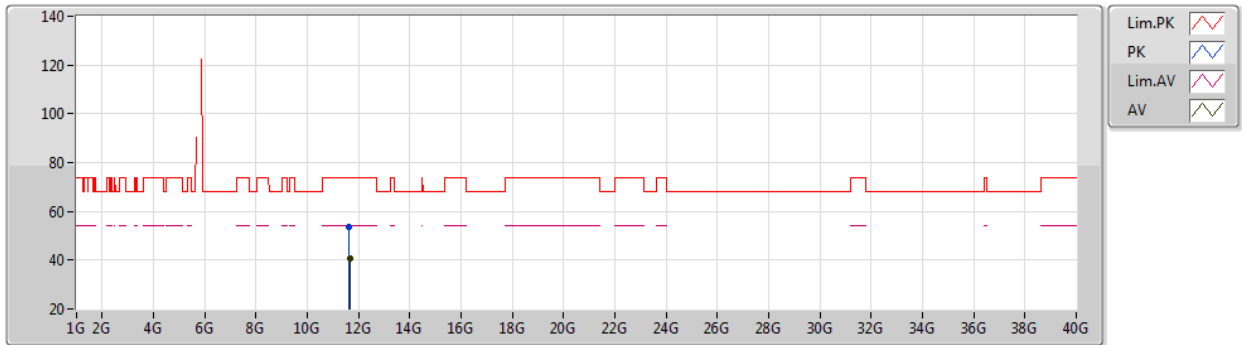
EUT Y_4TX
Setting 20
01-D-N-2-10

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	5.649G	58.17	68.20	-10.03	52.55	3	Horizontal	289	1.75	-	34.00	6.32	34.70
PK	5.826G	119.13	Inf	-Inf	112.93	3	Horizontal	289	1.75	-	34.43	6.41	34.64
AV	5.827G	109.79	Inf	-Inf	103.58	3	Horizontal	289	1.75	-	34.44	6.41	34.64
PK	5.972G	59.24	68.20	-8.96	52.17	3	Horizontal	289	1.75	-	35.16	6.49	34.58

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5825MHz_TX



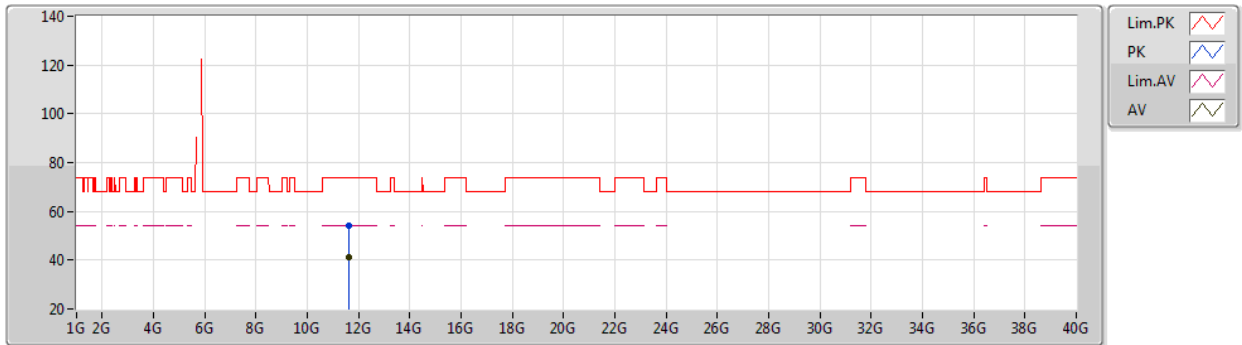
EUT Y_4TX
Setting 20
01-D-N-2

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	11.6467G	53.73	74.00	-20.27	40.92	3	Vertical	359	1.80	-	38.46	9.30	34.95
AV	11.66224G	40.69	54.00	-13.31	27.88	3	Vertical	359	1.80	-	38.47	9.30	34.96

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2020

5825MHz_TX



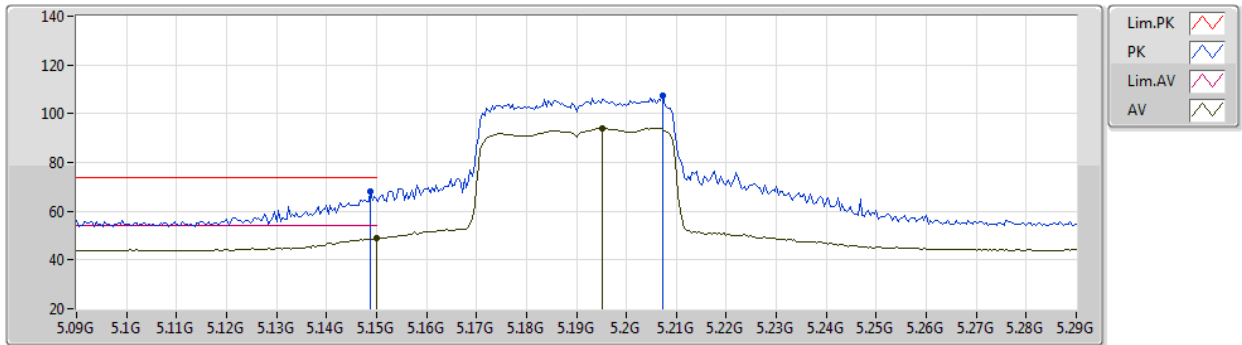
EUT Y_4TX
Setting 20
01-D-N-2

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	11.6461G	54.00	74.00	-20.00	41.19	3	Horizontal	19	1.73	-	38.46	9.30	34.95
AV	11.64454G	41.06	54.00	-12.94	28.25	3	Horizontal	19	1.73	-	38.46	9.30	34.95

802.11ax HEW40_Nss1,(MCS0)_4TX

12/06/2020

5190MHz_TX



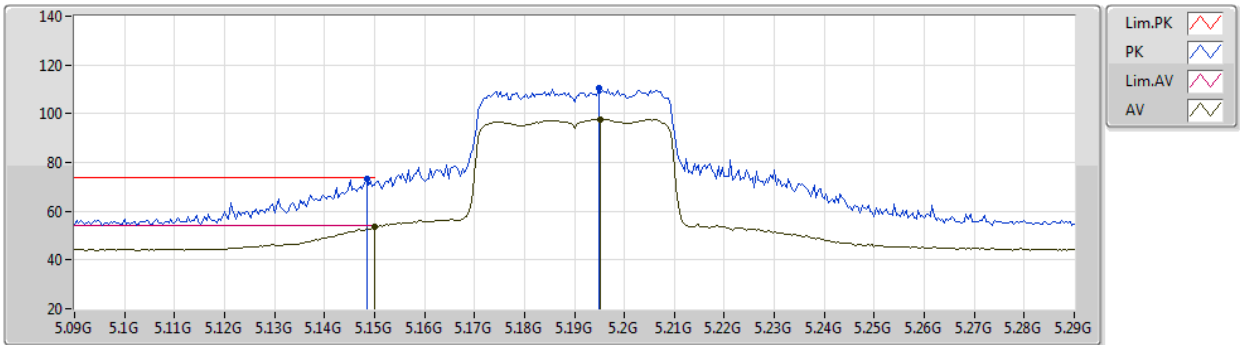
EUT Y_4TX
Setting 15
01-D-N-2-10

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	5.1488G	68.06	74.00	-5.94	64.02	3	Vertical	17	2.83	-	32.80	5.87	34.63
AV	5.15G	49.00	54.00	-5.00	44.96	3	Vertical	17	2.83	-	32.80	5.87	34.63
PK	5.2072G	107.21	Inf	-Inf	103.12	3	Vertical	17	2.83	-	32.82	5.92	34.65
AV	5.1952G	94.12	Inf	-Inf	90.07	3	Vertical	17	2.83	-	32.80	5.90	34.65

802.11ax HEW40_Nss1,(MCS0)_4TX

12/06/2020

5190MHz_TX



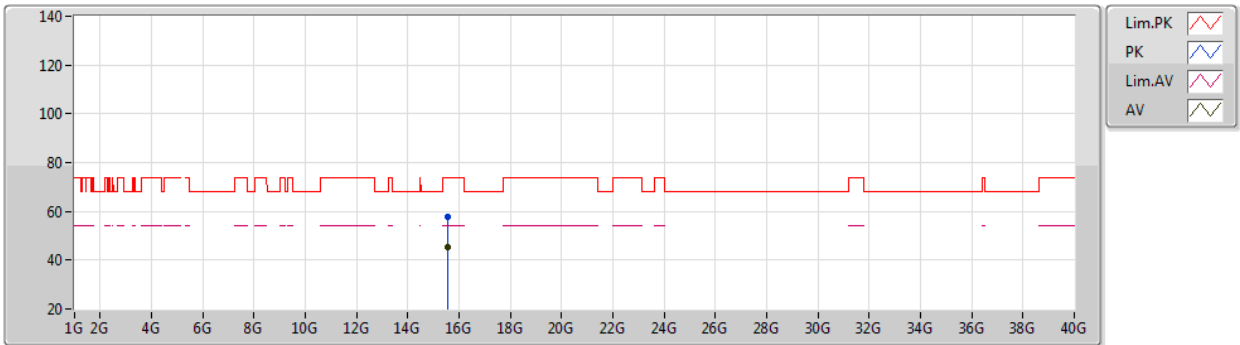
EUT Y_4TX
Setting 15
01-D-N-2-10

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	5.1484G	73.02	74.00	-0.98	68.98	3	Horizontal	323	1.59	-	32.80	5.87	34.63
AV	5.15G	53.82	54.00	-0.18	49.78	3	Horizontal	323	1.59	-	32.80	5.87	34.63
PK	5.1948G	110.70	Inf	-Inf	106.65	3	Horizontal	323	1.59	-	32.80	5.90	34.65
AV	5.1952G	97.60	Inf	-Inf	93.55	3	Horizontal	323	1.59	-	32.80	5.90	34.65

802.11ax HEW40_Nss1,(MCS0)_4TX

12/06/2020

5190MHz_TX



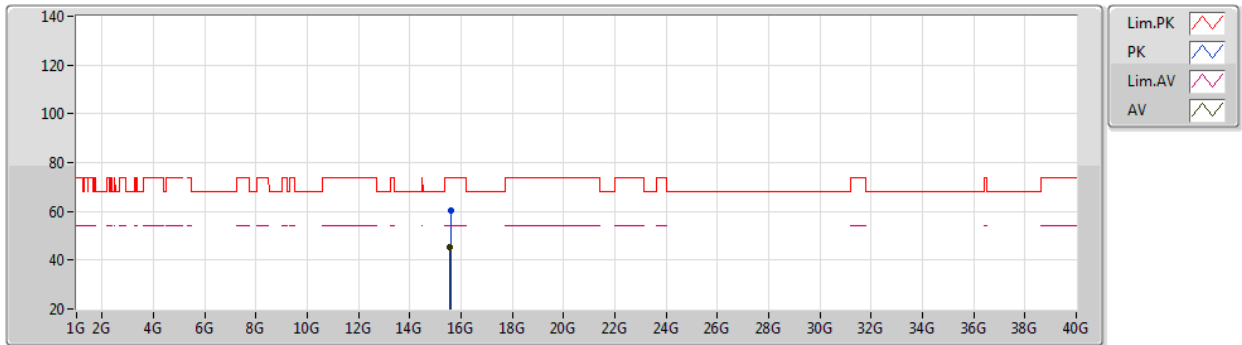
EUT Y_4TX
Setting 15
01-D-N-2

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	15.5756G	57.74	74.00	-16.26	44.04	3	Vertical	41	2.14	-	38.74	9.78	34.82
AV	15.5348G	45.32	54.00	-8.68	31.53	3	Vertical	41	2.14	-	38.77	9.79	34.77

802.11ax HEW40_Nss1,(MCS0)_4TX

12/06/2020

5190MHz_TX



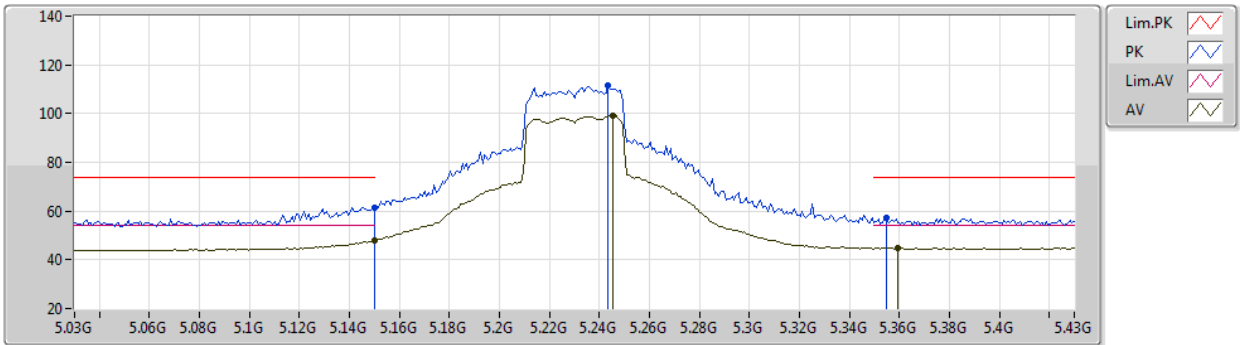
EUT Y_4TX
Setting 15
01-D-N-2

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	15.5832G	60.10	74.00	-13.90	46.42	3	Horizontal	175	1.93	-	38.73	9.78	34.83
AV	15.5812G	45.27	54.00	-8.73	31.58	3	Horizontal	175	1.93	-	38.74	9.78	34.83

802.11ax HEW40_Nss1,(MCS0)_4TX

12/06/2020

5230MHz_TX



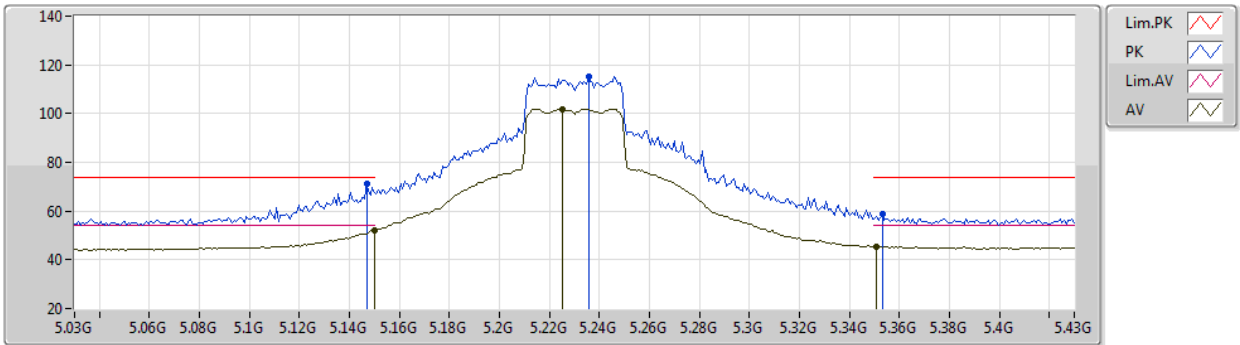
EUT Y_4TX
Setting 20
01-D-N-2-10

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	61.57	74.00	-12.43	57.53	3	Vertical	18	2.81	-	32.80	5.87	34.63
AV	5.15G	48.10	54.00	-5.90	44.06	3	Vertical	18	2.81	-	32.80	5.87	34.63
PK	5.2436G	111.68	Inf	-Inf	107.40	3	Vertical	18	2.81	-	32.93	6.02	34.67
AV	5.2452G	99.32	Inf	-Inf	95.03	3	Vertical	18	2.81	-	32.94	6.02	34.67
PK	5.3548G	57.11	74.00	-16.89	52.37	3	Vertical	18	2.81	-	33.15	6.30	34.71
AV	5.3596G	44.82	54.00	-9.18	40.06	3	Vertical	18	2.81	-	33.16	6.31	34.71

802.11ax HEW40_Nss1,(MCS0)_4TX

12/06/2020

5230MHz_TX



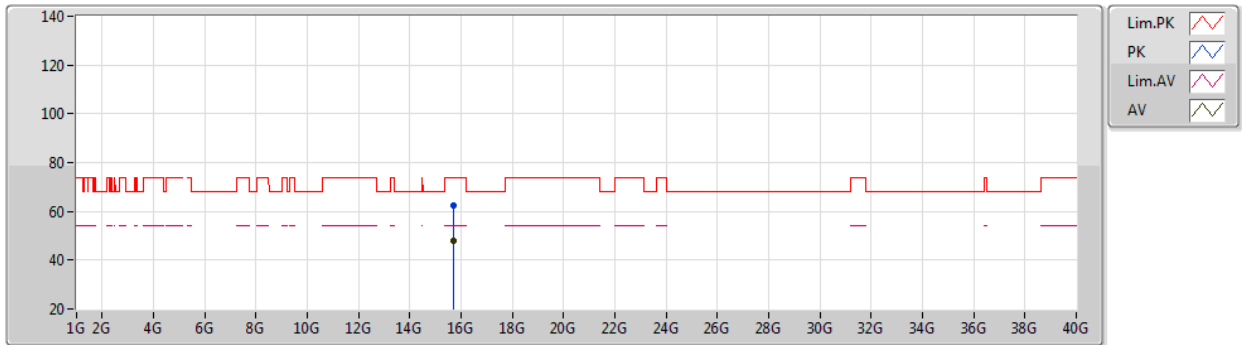
EUT Y_4TX
Setting 20
01-D-N-2-10

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	71.05	74.00	-2.95	67.01	3	Horizontal	324	1.55	-	32.80	5.87	34.63
AV	5.15G	52.21	54.00	-1.79	48.17	3	Horizontal	324	1.55	-	32.80	5.87	34.63
PK	5.2356G	115.22	Inf	-Inf	110.97	3	Horizontal	324	1.55	-	32.91	6.00	34.66
AV	5.2252G	101.87	Inf	-Inf	97.68	3	Horizontal	324	1.55	-	32.88	5.97	34.66
PK	5.3532G	58.73	74.00	-15.27	54.00	3	Horizontal	324	1.55	-	33.15	6.29	34.71
AV	5.3508G	45.26	54.00	-8.74	40.53	3	Horizontal	324	1.55	-	33.15	6.29	34.71

802.11ax HEW40_Nss1,(MCS0)_4TX

12/06/2020

5230MHz_TX



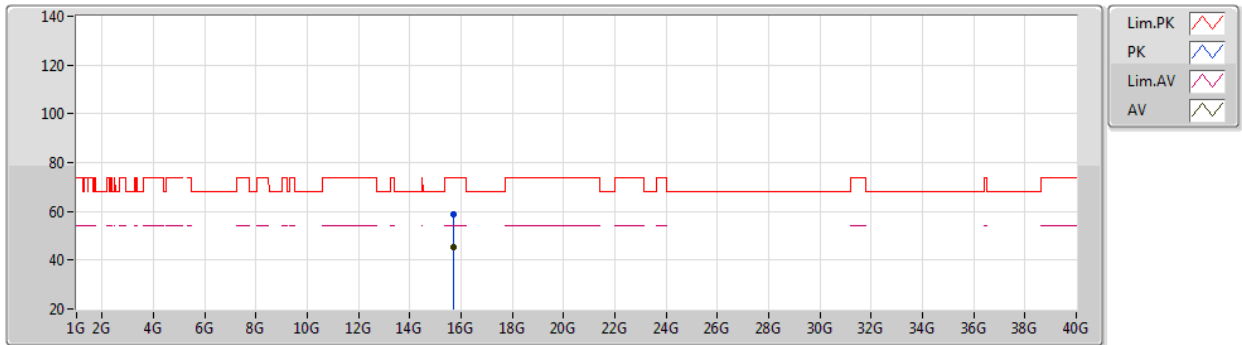
EUT Y_4TX
Setting 20
01-D-N-2

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	15.68688G	62.52	74.00	-11.48	49.05	3	Vertical	342	2.17	-	38.65	9.76	34.94
AV	15.69096G	47.82	54.00	-6.18	34.36	3	Vertical	342	2.17	-	38.65	9.76	34.95

802.11ax HEW40_Nss1,(MCS0)_4TX

12/06/2020

5230MHz_TX



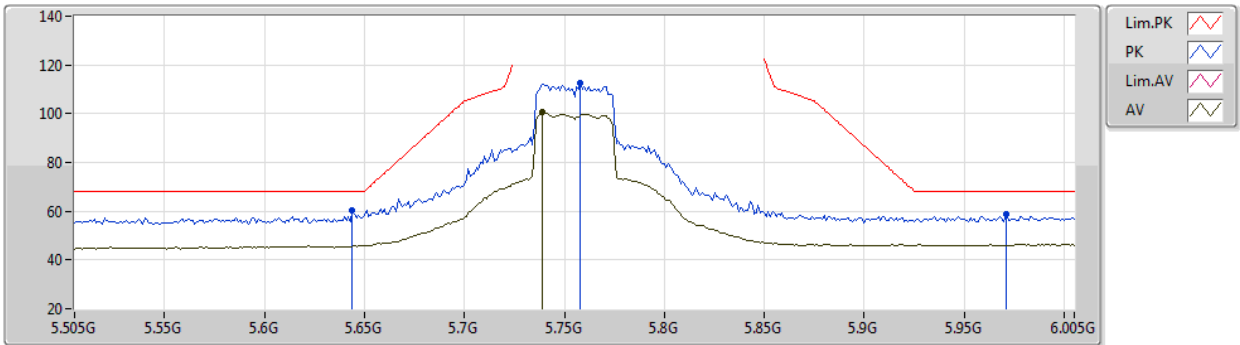
EUT Y_4TX
Setting 20
01-D-N-2

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	15.68728G	58.64	74.00	-15.36	45.17	3	Horizontal	16	1.46	-	38.65	9.76	34.94
AV	15.6986G	45.25	54.00	-8.75	31.81	3	Horizontal	16	1.46	-	38.64	9.76	34.96

802.11ax HEW40_Nss1,(MCS0)_4TX

12/06/2020

5755MHz_TX



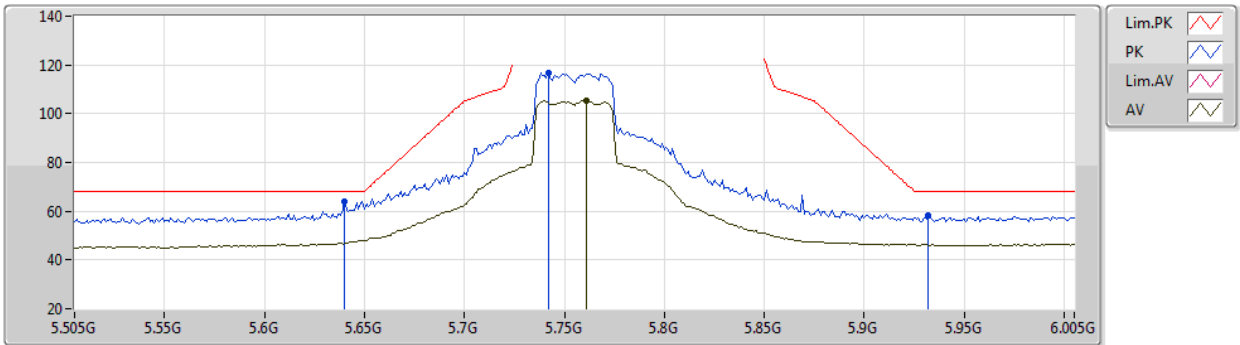
EUT Y_4TX
Setting 20
01-D-N-2-10

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	5.644G	60.41	68.20	-7.79	54.79	3	Vertical	324	1.95	-	34.00	6.32	34.70
PK	5.758G	112.63	Inf	-Inf	106.74	3	Vertical	324	1.95	-	34.17	6.38	34.66
AV	5.739G	100.46	Inf	-Inf	94.64	3	Vertical	324	1.95	-	34.12	6.37	34.67
PK	5.971G	58.76	68.20	-9.44	51.69	3	Vertical	324	1.95	-	35.16	6.49	34.58

802.11ax HEW40_Nss1,(MCS0)_4TX

12/06/2020

5755MHz_TX



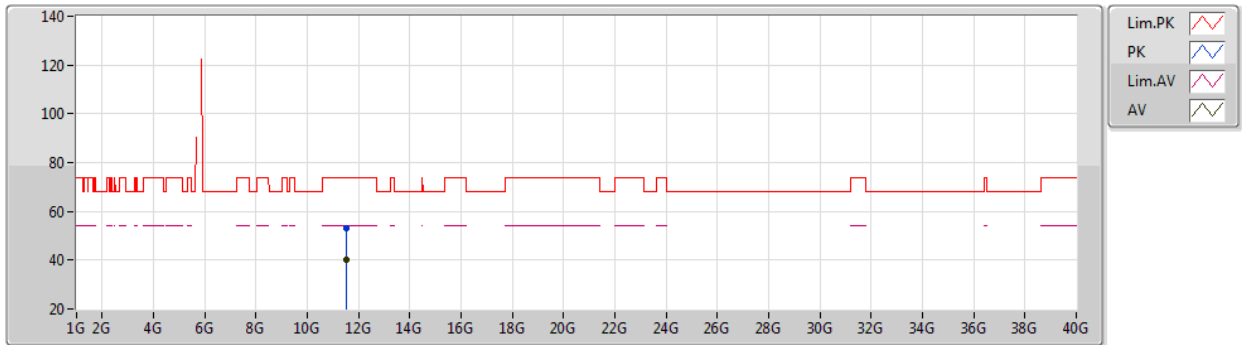
EUT Y_4TX
Setting 20
01-D-N-2-10

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	5.64G	64.13	68.20	-4.07	58.51	3	Horizontal	290	2.03	-	34.00	6.32	34.70
PK	5.742G	116.97	Inf	-Inf	111.14	3	Horizontal	290	2.03	-	34.13	6.37	34.67
AV	5.761G	105.24	Inf	-Inf	99.34	3	Horizontal	290	2.03	-	34.18	6.38	34.66
PK	5.932G	58.12	68.20	-10.08	51.29	3	Horizontal	290	2.03	-	34.96	6.47	34.60

802.11ax HEW40_Nss1,(MCS0)_4TX

12/06/2020

5755MHz_TX



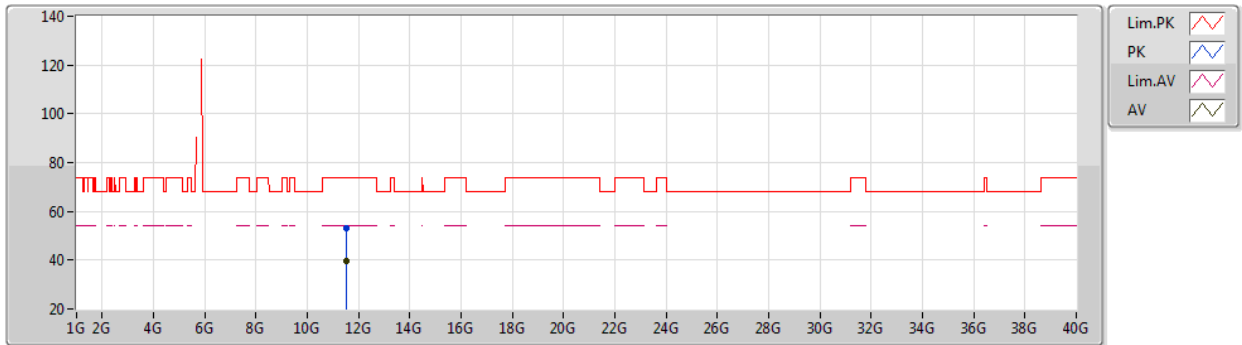
EUT Y_4TX
Setting 20
01-D-N-2

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	11.51048G	53.23	74.00	-20.77	40.45	3	Vertical	14	1.80	-	38.45	9.26	34.93
AV	11.51972G	40.28	54.00	-13.72	27.50	3	Vertical	14	1.80	-	38.45	9.26	34.93

802.11ax HEW40_Nss1,(MCS0)_4TX

12/06/2020

5755MHz_TX



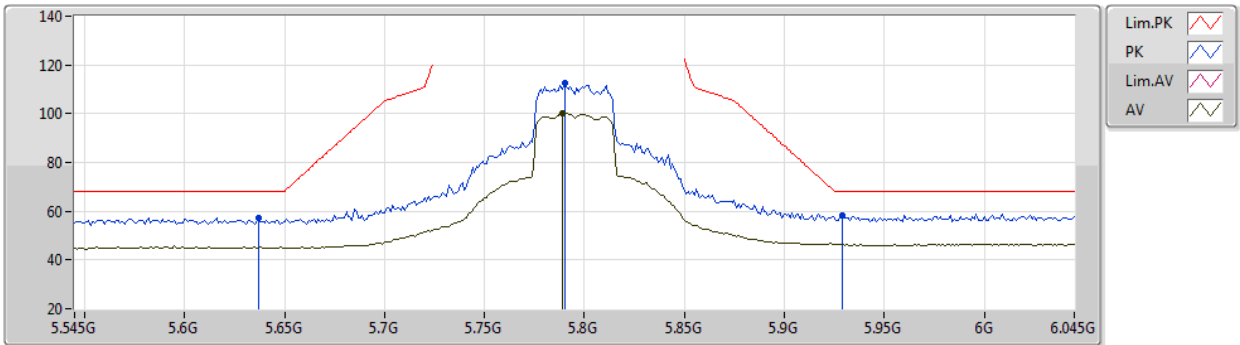
EUT Y_4TX
Setting 20
01-D-N-2

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	11.50024G	53.28	74.00	-20.72	40.50	3	Horizontal	194	1.80	-	38.45	9.26	34.93
AV	11.50456G	39.83	54.00	-14.17	27.05	3	Horizontal	194	1.80	-	38.45	9.26	34.93

802.11ax HEW40_Nss1,(MCS0)_4TX

12/06/2020

5795MHz_TX



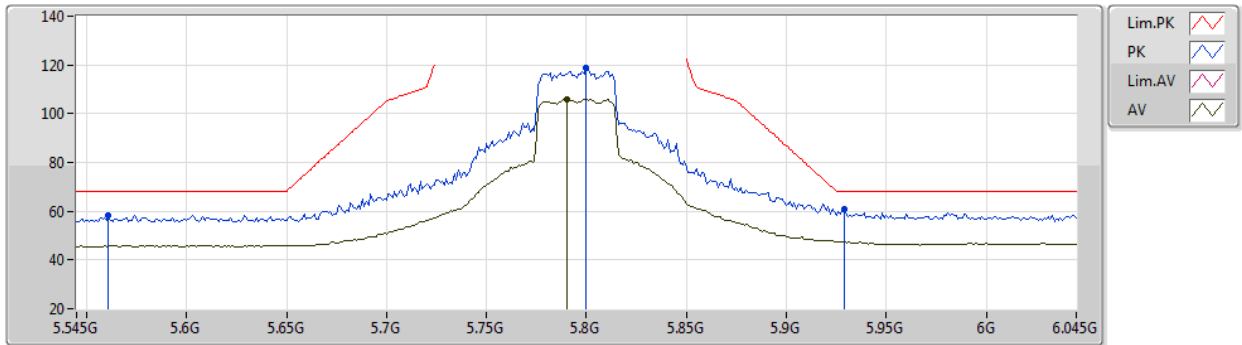
EUT Y_4TX
Setting 20
01-D-N-2-10

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	5.637G	57.25	68.20	-10.95	51.64	3	Vertical	325	1.77	-	34.00	6.32	34.71
PK	5.79G	112.48	Inf	-Inf	106.46	3	Vertical	325	1.77	-	34.27	6.40	34.65
AV	5.789G	100.37	Inf	-Inf	94.36	3	Vertical	325	1.77	-	34.27	6.39	34.65
PK	5.929G	58.51	68.20	-9.69	51.71	3	Vertical	325	1.77	-	34.94	6.46	34.60

802.11ax HEW40_Nss1,(MCS0)_4TX

12/06/2020

5795MHz_TX



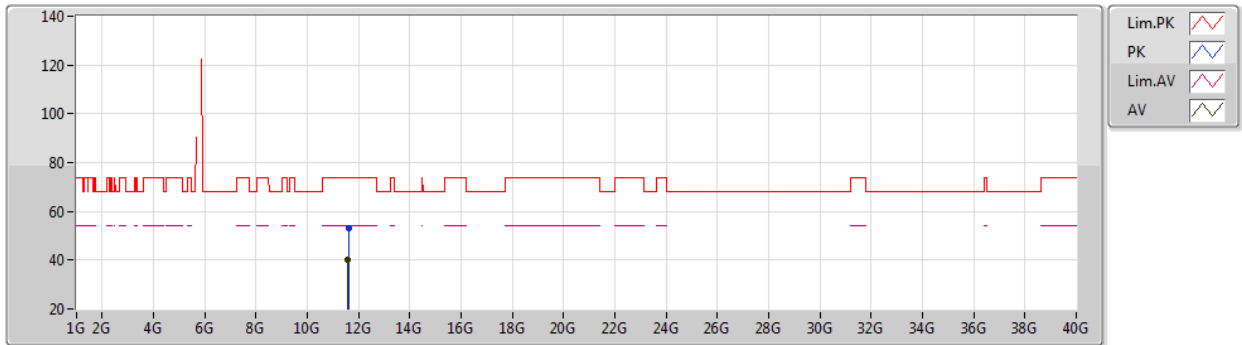
EUT Y_4TX
Setting 20
01-D-N-2-10

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	5.561G	58.53	68.20	-9.67	53.03	3	Horizontal	290	1.97	-	33.92	6.32	34.74
PK	5.8G	118.59	Inf	-Inf	112.54	3	Horizontal	290	1.97	-	34.30	6.40	34.65
AV	5.79G	105.83	Inf	-Inf	99.81	3	Horizontal	290	1.97	-	34.27	6.40	34.65
PK	5.929G	60.63	68.20	-7.57	53.83	3	Horizontal	290	1.97	-	34.94	6.46	34.60

802.11ax HEW40_Nss1,(MCS0)_4TX

12/06/2020

5795MHz_TX



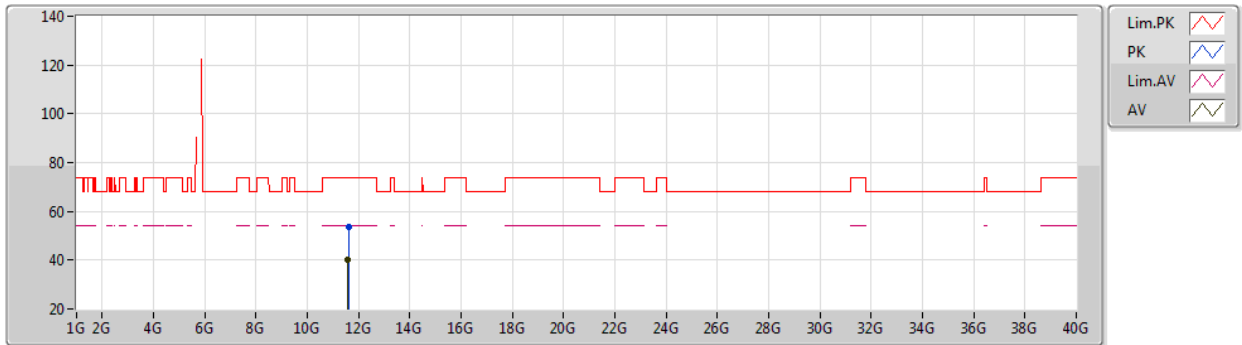
EUT Y_4TX
Setting 20
01-D-N-2

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	11.59964G	53.30	74.00	-20.70	40.51	3	Vertical	103	1.08	-	38.46	9.28	34.95
AV	11.59732G	40.21	54.00	-13.79	27.42	3	Vertical	103	1.08	-	38.46	9.28	34.95

802.11ax HEW40_Nss1,(MCS0)_4TX

12/06/2020

5795MHz_TX



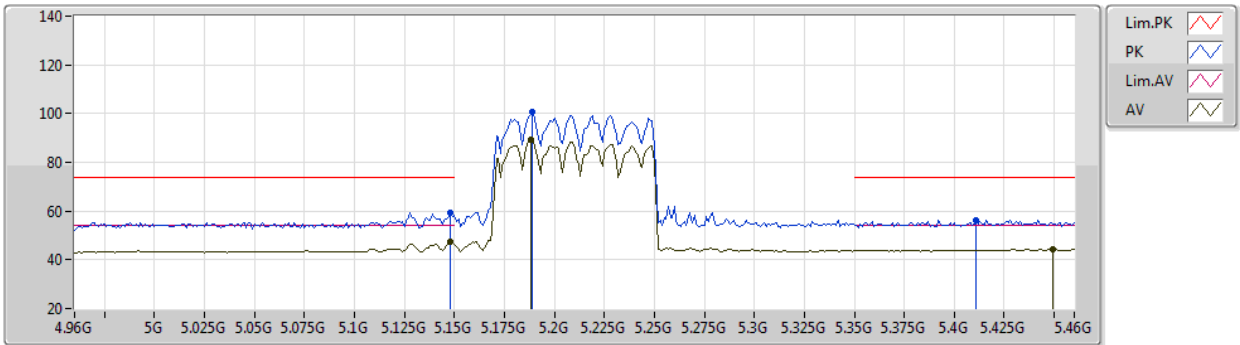
EUT Y_4TX
Setting 20
01-D-N-2

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	11.5998G	53.76	74.00	-20.24	40.97	3	Horizontal	221	1.83	-	38.46	9.28	34.95
AV	11.58192G	40.42	54.00	-13.58	27.62	3	Horizontal	221	1.83	-	38.46	9.28	34.94

802.11ax HEW80_Nss1,(MCS0)_4TX

12/06/2020

5210MHz_TX



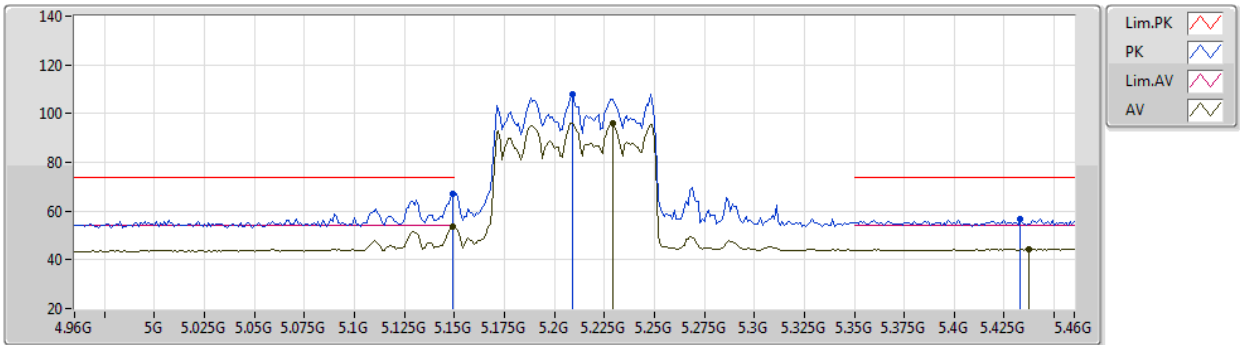
EUT Y_4TX
Setting 13
01-D-N-2-10

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	5.148G	59.38	74.00	-14.62	55.34	3	Vertical	97	1.76	-	32.80	5.87	34.63
AV	5.148G	47.63	54.00	-6.37	43.59	3	Vertical	97	1.76	-	32.80	5.87	34.63
PK	5.189G	100.56	Inf	-Inf	96.52	3	Vertical	97	1.76	-	32.80	5.89	34.65
AV	5.188G	89.47	Inf	-Inf	85.43	3	Vertical	97	1.76	-	32.80	5.89	34.65
PK	5.411G	56.17	74.00	-17.83	51.23	3	Vertical	97	1.76	-	33.27	6.39	34.72
AV	5.449G	44.45	54.00	-9.55	39.32	3	Vertical	97	1.76	-	33.49	6.38	34.74

802.11ax HEW80_Nss1,(MCS0)_4TX

12/06/2020

5210MHz_TX



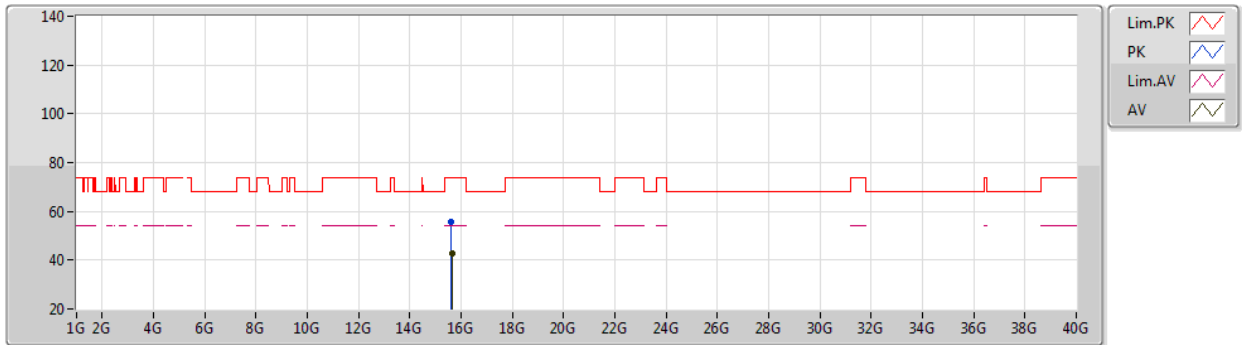
EUT Y_4TX
Setting 13
01-D-N-2-10

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	67.26	74.00	-6.74	63.22	3	Horizontal	71	1.16	-	32.80	5.87	34.63
AV	5.149G	53.84	54.00	-0.16	49.80	3	Horizontal	71	1.16	-	32.80	5.87	34.63
PK	5.209G	107.83	Inf	-Inf	103.73	3	Horizontal	71	1.16	-	32.83	5.92	34.65
AV	5.229G	96.15	Inf	-Inf	91.94	3	Horizontal	71	1.16	-	32.89	5.98	34.66
PK	5.433G	56.95	74.00	-17.05	51.90	3	Horizontal	71	1.16	-	33.40	6.38	34.73
AV	5.437G	44.50	54.00	-9.50	39.43	3	Horizontal	71	1.16	-	33.42	6.38	34.73

802.11ax HEW80_Nss1,(MCS0)_4TX

12/06/2020

5210MHz_TX



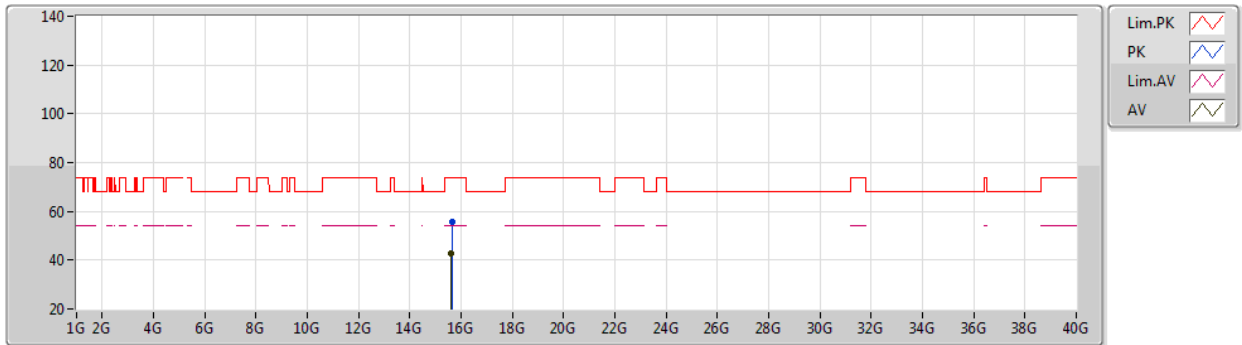
EUT Y_4TX
Setting 13
01-D-N-2

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	15.62392G	55.89	74.00	-18.11	42.29	3	Vertical	307	2.15	-	38.70	9.77	34.87
AV	15.63356G	42.87	54.00	-11.13	29.29	3	Vertical	307	2.15	-	38.69	9.77	34.88

802.11ax HEW80_Nss1,(MCS0)_4TX

12/06/2020

5210MHz_TX



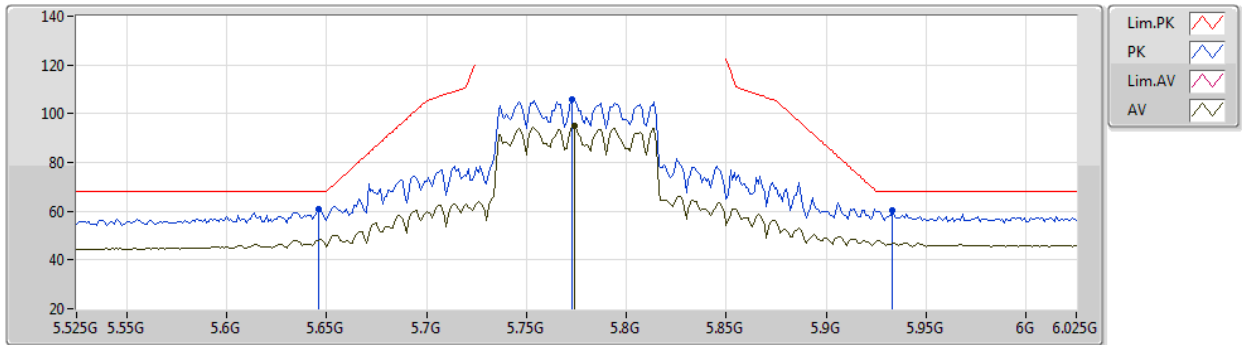
EUT Y_4TX
Setting 13
01-D-N-2

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	15.63616G	55.77	74.00	-18.23	42.20	3	Horizontal	298	1.23	-	38.69	9.77	34.89
AV	15.62228G	42.65	54.00	-11.35	29.05	3	Horizontal	298	1.23	-	38.70	9.77	34.87

802.11ax HEW80_Nss1,(MCS0)_4TX

12/06/2020

5775MHz_TX



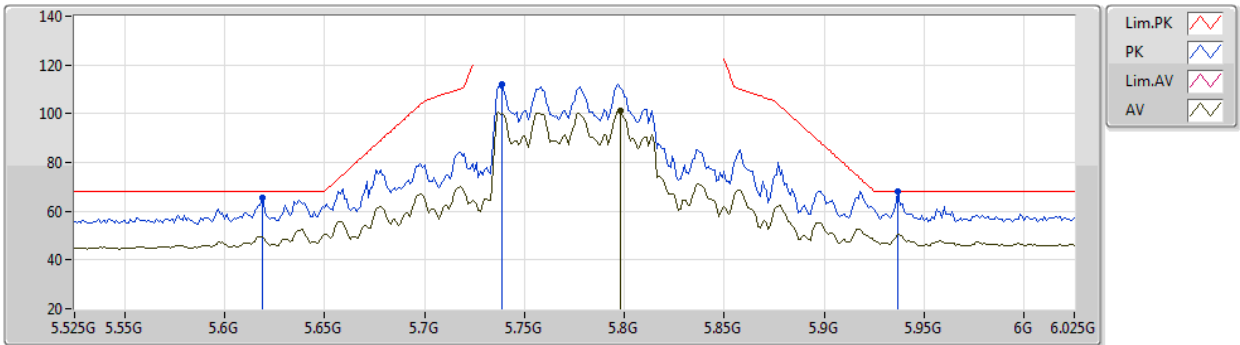
EUT Y_4TX
Setting 18
01-D-N-2-10

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	60.66	68.20	-7.54	55.04	3	Vertical	324	2.05	-	34.00	6.32	34.70
PK	5.773G	106.10	Inf	-Inf	100.15	3	Vertical	324	2.05	-	34.22	6.39	34.66
AV	5.774G	95.16	Inf	-Inf	89.21	3	Vertical	324	2.05	-	34.22	6.39	34.66
PK	5.933G	60.55	68.20	-7.65	53.72	3	Vertical	324	2.05	-	34.96	6.47	34.60

802.11ax HEW80_Nss1,(MCS0)_4TX

12/06/2020

5775MHz_TX



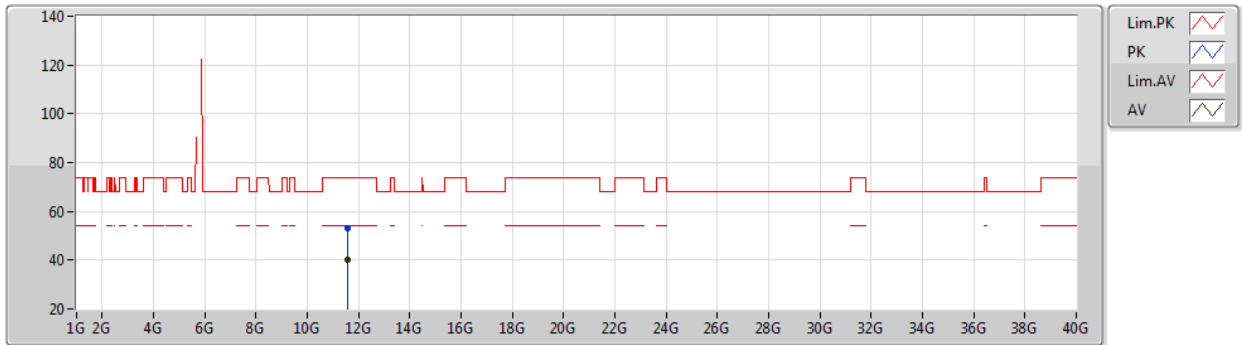
EUT Y_4TX
Setting 18
01-D-N-2-10

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	5.619G	65.35	68.20	-2.85	59.75	3	Horizontal	289	1.67	-	34.00	6.31	34.71
PK	5.739G	112.27	Inf	-Inf	106.45	3	Horizontal	289	1.67	-	34.12	6.37	34.67
AV	5.798G	101.18	Inf	-Inf	95.14	3	Horizontal	289	1.67	-	34.29	6.40	34.65
PK	5.937G	68.08	68.20	-0.12	61.23	3	Horizontal	289	1.67	-	34.98	6.47	34.60

802.11ax HEW80_Nss1,(MCS0)_4TX

12/06/2020

5775MHz_TX



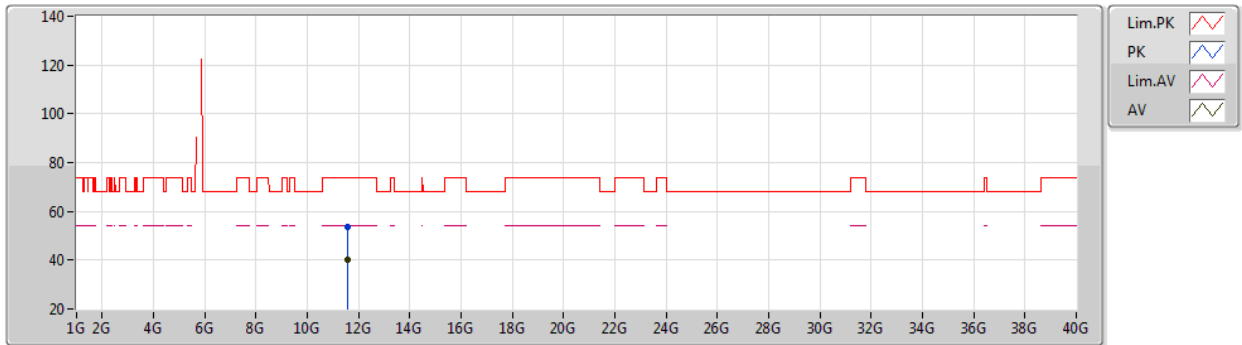
EUT Y_4TX
Setting 18
01-D-N-2

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	11.55232G	53.18	74.00	-20.82	40.39	3	Vertical	351	3.00	-	38.46	9.27	34.94
AV	11.55104G	39.96	54.00	-14.04	27.17	3	Vertical	351	3.00	-	38.46	9.27	34.94

802.11ax HEW80_Nss1,(MCS0)_4TX

12/06/2020

5775MHz_TX



EUT Y_4TX
Setting 18
01-D-N-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	11.55872G	53.66	74.00	-20.34	40.87	3	Horizontal	21	1.80	-	38.46	9.27	34.94
AV	11.55016G	40.30	54.00	-13.70	27.51	3	Horizontal	21	1.80	-	38.46	9.27	34.94



For beamforming function:

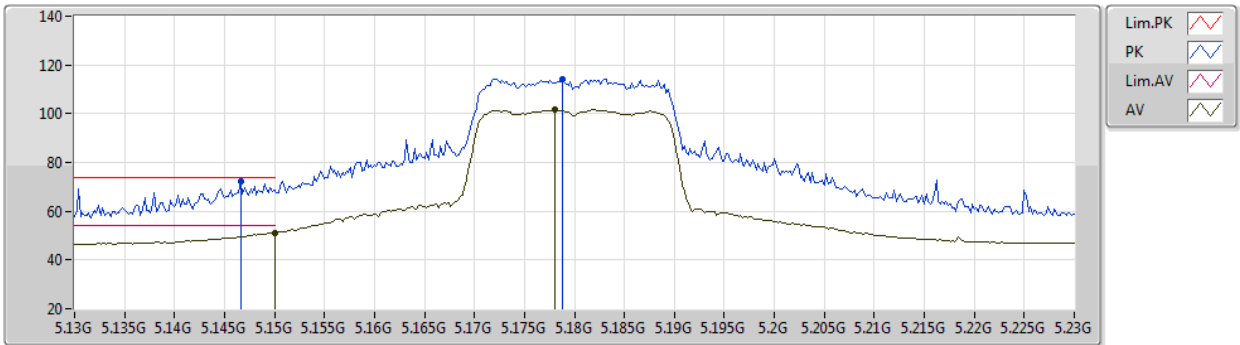
Summary

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 HEW80-BF_Nss1,(MCS0)_4TX	Pass	PK	5.649G	68.10	68.20	-0.10	3	Horizontal	294	1.16	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5180MHz_TX



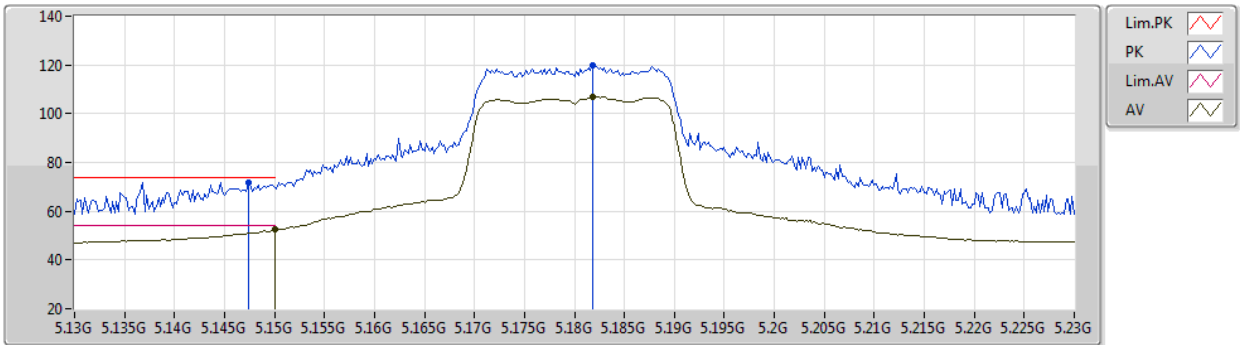
EUT Y_4TX
Setting 15
03-A-J-7-10

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	5.1466G	72.21	74.00	-1.79	66.20	3	Vertical	94	1.18	-	34.05	6.73	34.77
AV	5.15G	51.25	54.00	-2.75	45.24	3	Vertical	94	1.18	-	34.05	6.73	34.77
PK	5.1788G	114.23	Inf	-Inf	108.19	3	Vertical	94	1.18	-	34.08	6.76	34.80
AV	5.178G	101.61	Inf	-Inf	95.57	3	Vertical	94	1.18	-	34.08	6.75	34.79

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5180MHz_TX



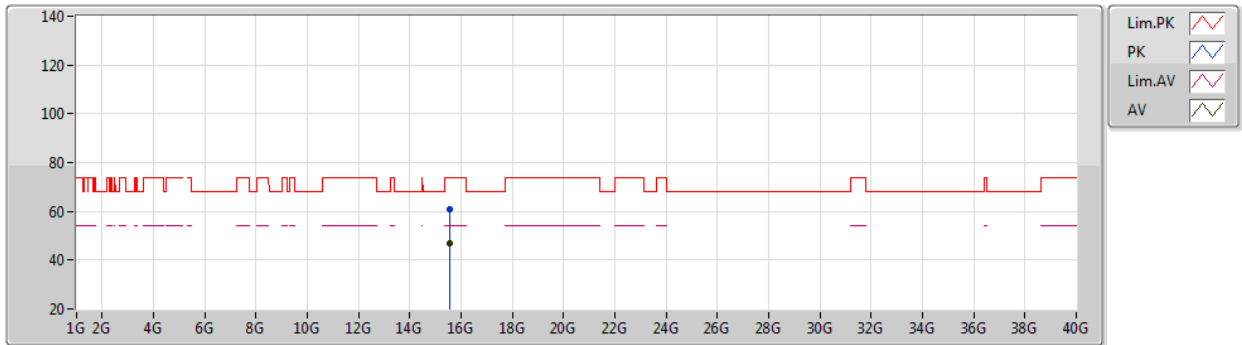
EUT Y_4TX
Setting 15
03-A-J-7-10

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	5.1474G	71.98	74.00	-2.02	65.97	3	Horizontal	74	1.49	-	34.05	6.73	34.77
AV	5.15G	52.34	54.00	-1.66	46.33	3	Horizontal	74	1.49	-	34.05	6.73	34.77
PK	5.1818G	120.05	Inf	-Inf	114.01	3	Horizontal	74	1.49	-	34.08	6.76	34.80
AV	5.1818G	107.00	Inf	-Inf	100.96	3	Horizontal	74	1.49	-	34.08	6.76	34.80

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5180MHz_TX



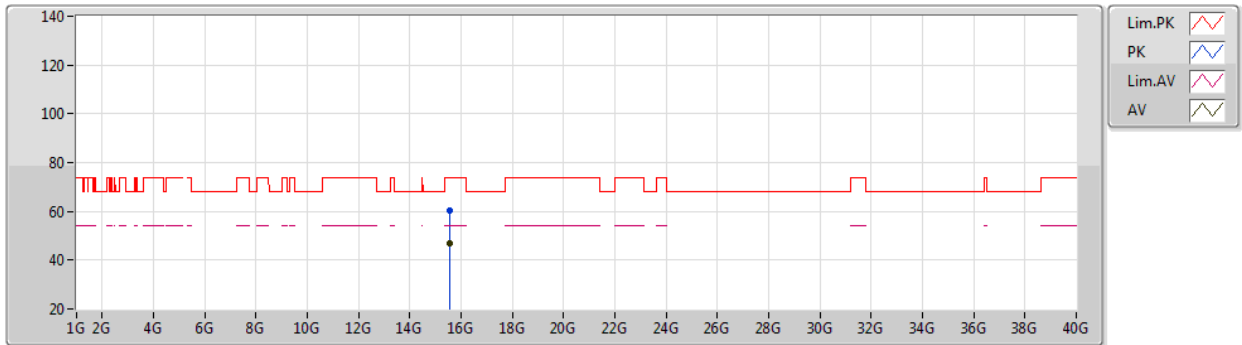
EUT Y_4TX
Setting 15
03-A-J-7

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	15.53924G	60.65	74.00	-13.35	44.94	3	Vertical	194	2.02	-	38.88	11.63	34.80
AV	15.54338G	46.84	54.00	-7.16	31.14	3	Vertical	194	2.02	-	38.87	11.63	34.80

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5180MHz_TX



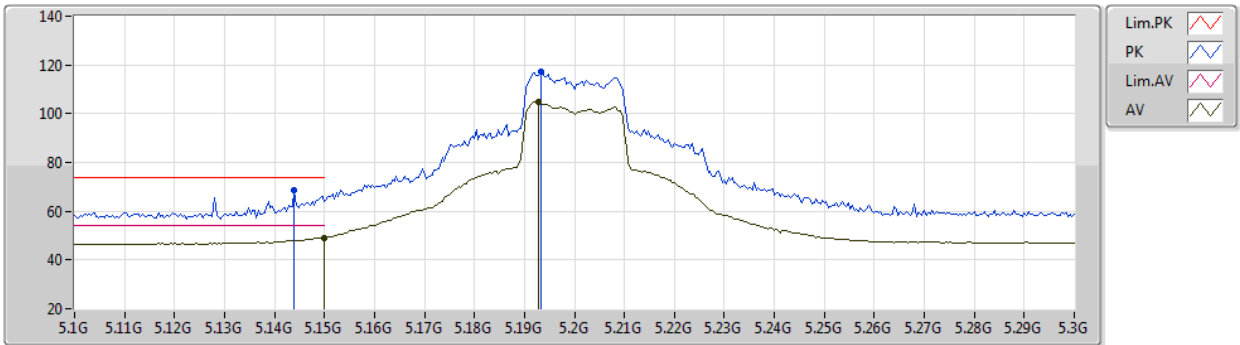
EUT Y_4TX
Setting 15
03-A-J-7

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	15.53704G	60.45	74.00	-13.55	44.74	3	Horizontal	266	1.31	-	38.89	11.62	34.80
AV	15.54266G	47.08	54.00	-6.92	31.38	3	Horizontal	266	1.31	-	38.87	11.63	34.80

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5200MHz_TX



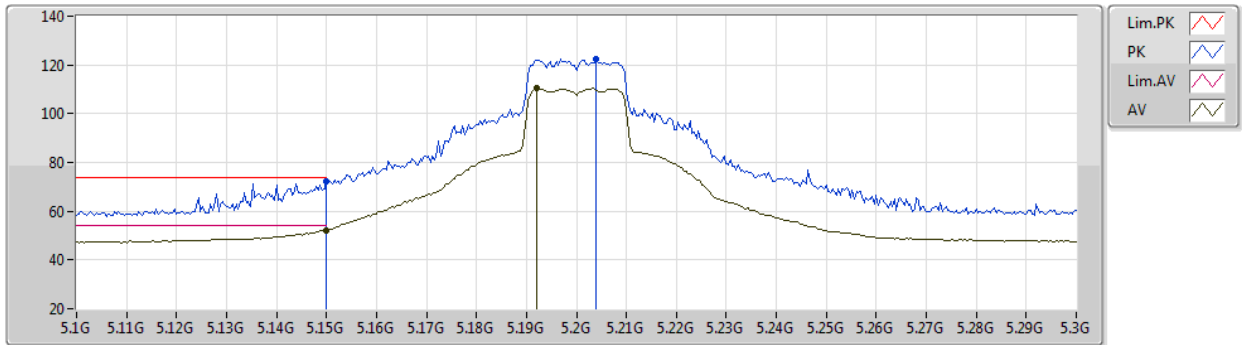
EUT Y_4TX
Setting 20
03-A-E-2-10

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	68.47	74.00	-5.53	62.47	3	Vertical	76	1.26	-	34.04	6.73	34.77
AV	5.15G	49.00	54.00	-5.00	42.99	3	Vertical	76	1.26	-	34.05	6.73	34.77
PK	5.1932G	117.18	Inf	-Inf	111.13	3	Vertical	76	1.26	-	34.09	6.77	34.81
AV	5.1928G	104.87	Inf	-Inf	98.82	3	Vertical	76	1.26	-	34.09	6.76	34.80

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5200MHz_TX



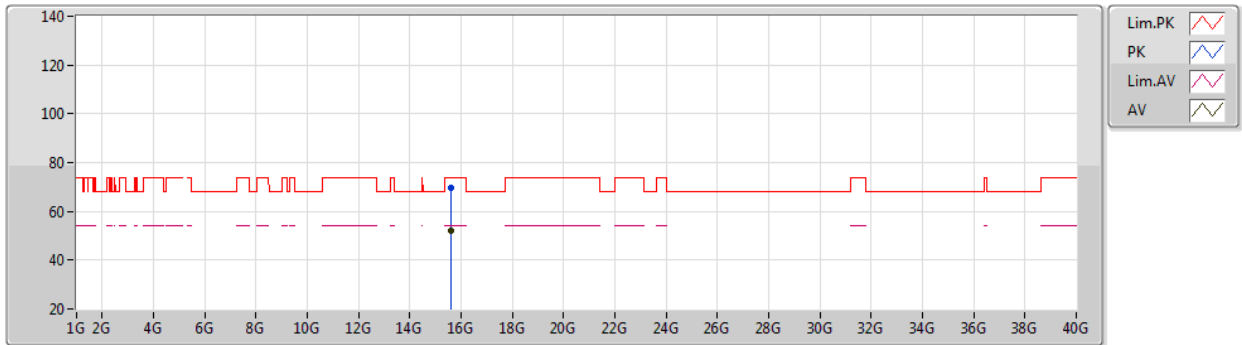
EUT Y_4TX
Setting 20
03-A-E-2-10

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	72.47	74.00	-1.53	66.46	3	Horizontal	72	1.62	-	34.05	6.73	34.77
AV	5.15G	52.31	54.00	-1.69	46.30	3	Horizontal	72	1.62	-	34.05	6.73	34.77
PK	5.204G	122.33	Inf	-Inf	116.26	3	Horizontal	72	1.62	-	34.11	6.77	34.81
AV	5.192G	110.38	Inf	-Inf	104.33	3	Horizontal	72	1.62	-	34.09	6.76	34.80

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5200MHz_TX



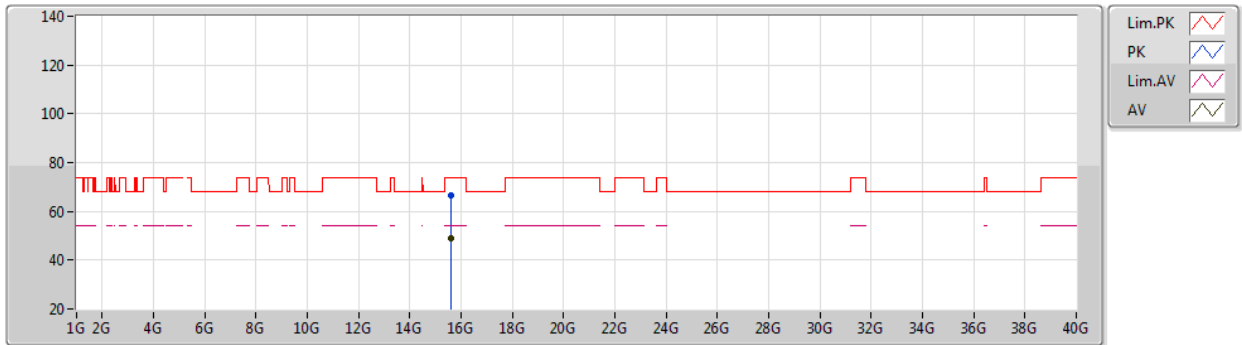
EUT Y_4TX
Setting 20
03-A-E-2

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	15.59624G	69.66	74.00	-4.34	54.16	3	Vertical	10	2.69	-	38.71	11.65	34.86
AV	15.60052G	52.19	54.00	-1.81	36.69	3	Vertical	10	2.69	-	38.70	11.66	34.86

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5200MHz_TX



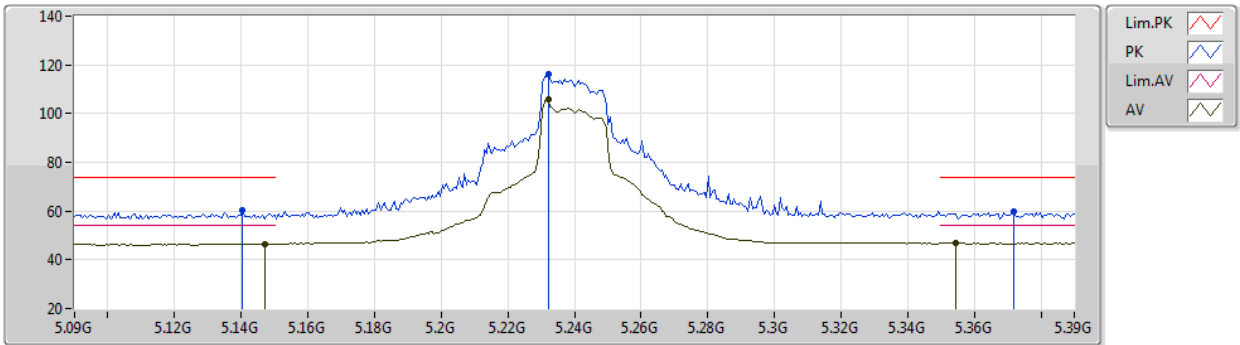
EUT Y_4TX
Setting 20
03-A-E-2

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	15.6005G	66.57	74.00	-7.43	51.07	3	Horizontal	27	1.47	-	38.70	11.66	34.86
AV	15.5979G	49.18	54.00	-4.82	33.68	3	Horizontal	27	1.47	-	38.71	11.65	34.86

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5240MHz_TX



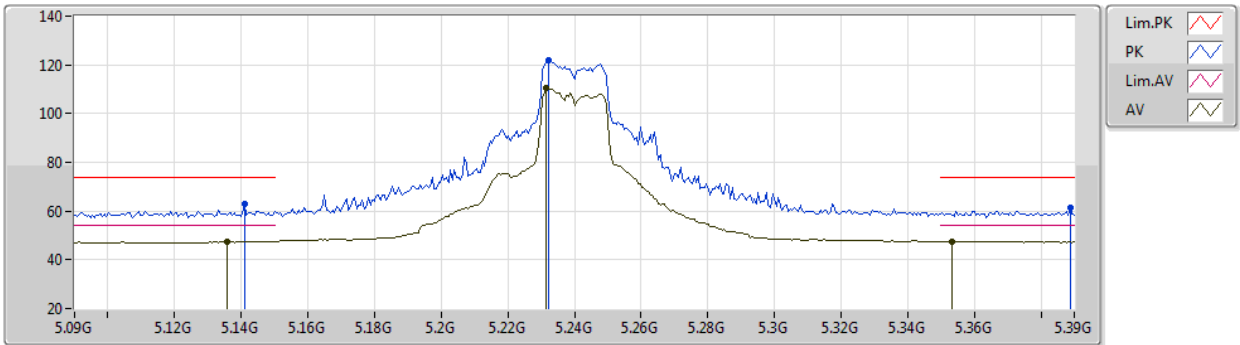
EUT Y_4TX
Setting 20
03-A-E-2-10

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	5.1404G	60.32	74.00	-13.68	54.32	3	Vertical	91	1.80	-	34.04	6.73	34.77
AV	5.147G	46.54	54.00	-7.46	40.53	3	Vertical	91	1.80	-	34.05	6.73	34.77
PK	5.2322G	116.27	Inf	-Inf	110.14	3	Vertical	91	1.80	-	34.16	6.80	34.83
AV	5.2322G	105.98	Inf	-Inf	99.85	3	Vertical	91	1.80	-	34.16	6.80	34.83
PK	5.372G	59.75	74.00	-14.25	53.40	3	Vertical	91	1.80	-	34.37	6.91	34.93
AV	5.3546G	46.79	54.00	-7.21	40.46	3	Vertical	91	1.80	-	34.35	6.90	34.92

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5240MHz_TX



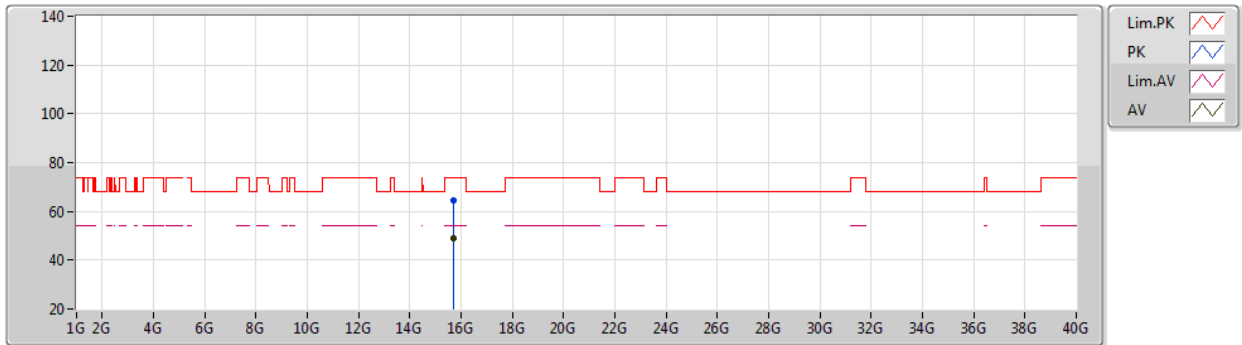
EUT Y_4TX
Setting 20
03-A-E-2-10

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	5.141G	62.76	74.00	-11.24	56.76	3	Horizontal	80	1.55	-	34.04	6.73	34.77
AV	5.1356G	47.46	54.00	-6.54	41.46	3	Horizontal	80	1.55	-	34.04	6.72	34.76
PK	5.2322G	121.89	Inf	-Inf	115.76	3	Horizontal	80	1.55	-	34.16	6.80	34.83
AV	5.2316G	110.29	Inf	-Inf	104.16	3	Horizontal	80	1.55	-	34.16	6.80	34.83
PK	5.3888G	61.17	74.00	-12.83	54.80	3	Horizontal	80	1.55	-	34.39	6.92	34.94
AV	5.3534G	47.55	54.00	-6.45	41.22	3	Horizontal	80	1.55	-	34.35	6.90	34.92

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5240MHz_TX



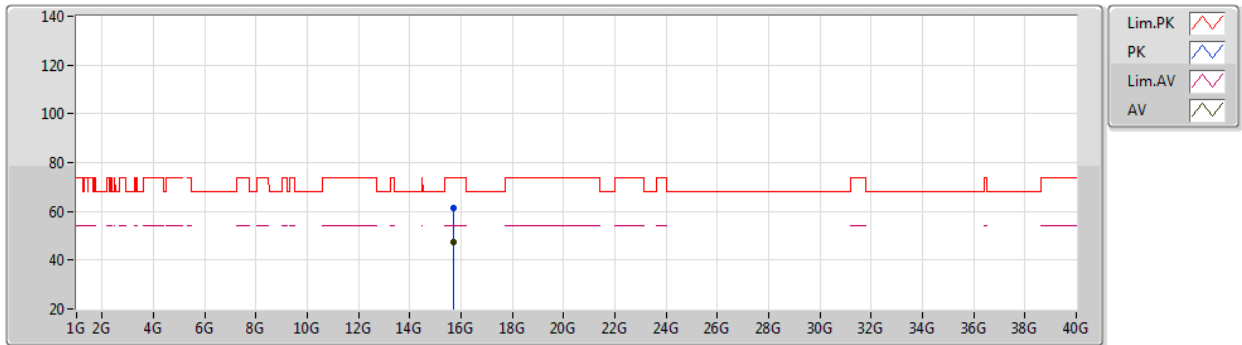
EUT Y_4TX
Setting 20
03-A-E-2

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	15.7217G	64.30	74.00	-9.70	49.25	3	Vertical	4	3.00	-	38.33	11.72	35.00
AV	15.72456G	48.93	54.00	-5.07	33.88	3	Vertical	4	3.00	-	38.33	11.72	35.00

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5240MHz_TX



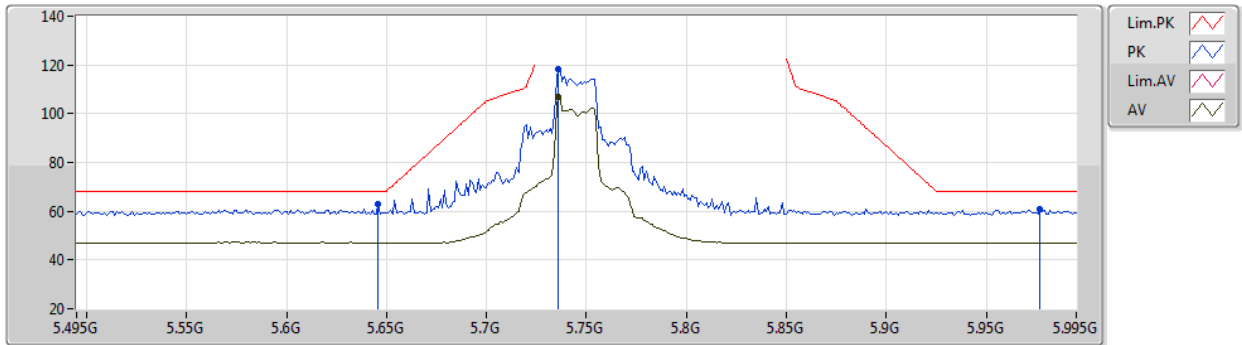
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Setting 20
03-A-E-2

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	15.71954G	61.61	74.00	-12.39	46.54	3	Horizontal	53	1.73	-	38.34	11.72	34.99
AV	15.72222G	47.45	54.00	-6.55	32.40	3	Horizontal	53	1.73	-	38.33	11.72	35.00

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5745MHz_TX



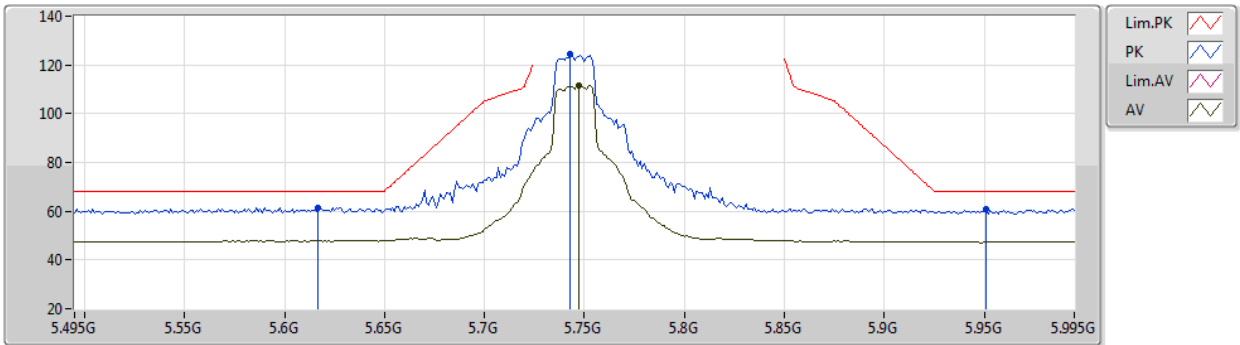
EUT Y_4TX
Setting 20
03-A-E-2-10

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	62.80	68.20	-5.40	56.40	3	Vertical	333	2.94	-	34.35	7.02	34.97
PK	5.736G	118.47	Inf	-Inf	112.08	3	Vertical	333	2.94	-	34.30	7.03	34.94
AV	5.736G	106.76	Inf	-Inf	100.37	3	Vertical	333	2.94	-	34.30	7.03	34.94
PK	5.977G	60.66	68.20	-7.54	53.75	3	Vertical	333	2.94	-	34.73	7.06	34.88

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5745MHz_TX



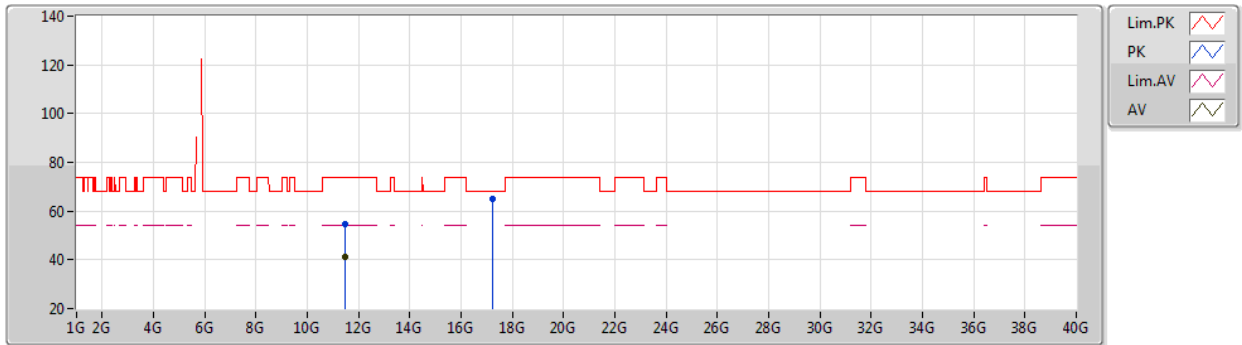
EUT Y_4TX
Setting 20
03-A-E-2-10

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	61.55	68.20	-6.65	55.12	3	Horizontal	59	2.49	-	34.38	7.02	34.97
PK	5.743G	124.24	Inf	-Inf	117.85	3	Horizontal	59	2.49	-	34.30	7.03	34.94
AV	5.747G	111.57	Inf	-Inf	105.18	3	Horizontal	59	2.49	-	34.30	7.03	34.94
PK	5.951G	61.02	68.20	-7.18	54.19	3	Horizontal	59	2.49	-	34.65	7.06	34.88

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5745MHz_TX



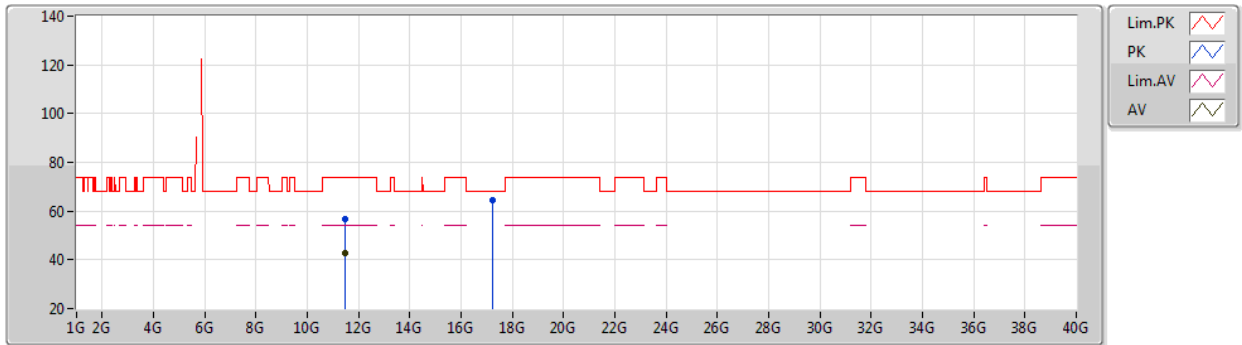
EUT Y_4TX
Setting 20
03-A-E-2

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	11.49148G	54.83	74.00	-19.17	40.51	3	Vertical	1	1.51	-	38.84	10.16	34.68
AV	11.494G	41.05	54.00	-12.95	26.72	3	Vertical	1	1.51	-	38.85	10.16	34.68
PK	17.2334G	65.19	68.20	-3.01	46.59	3	Vertical	2	1.45	-	41.09	12.09	34.58

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5745MHz_TX



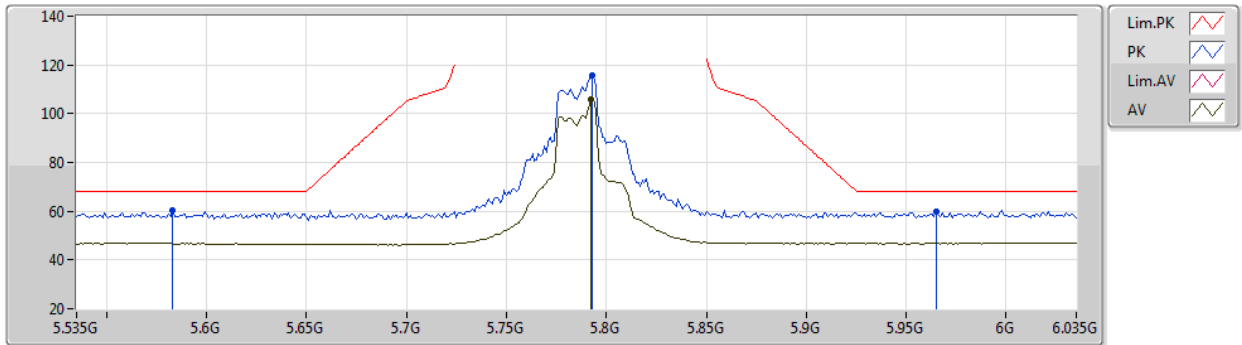
EUT Y_4TX
Setting 20
03-A-E-2

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	11.49166G	56.75	74.00	-17.25	42.43	3	Horizontal	9	1.00	-	38.84	10.16	34.68
AV	11.48998G	42.73	54.00	-11.27	28.41	3	Horizontal	9	1.00	-	38.84	10.16	34.68
PK	17.23326G	64.28	68.20	-3.92	45.68	3	Horizontal	23	1.59	-	41.09	12.09	34.58

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5785MHz_TX



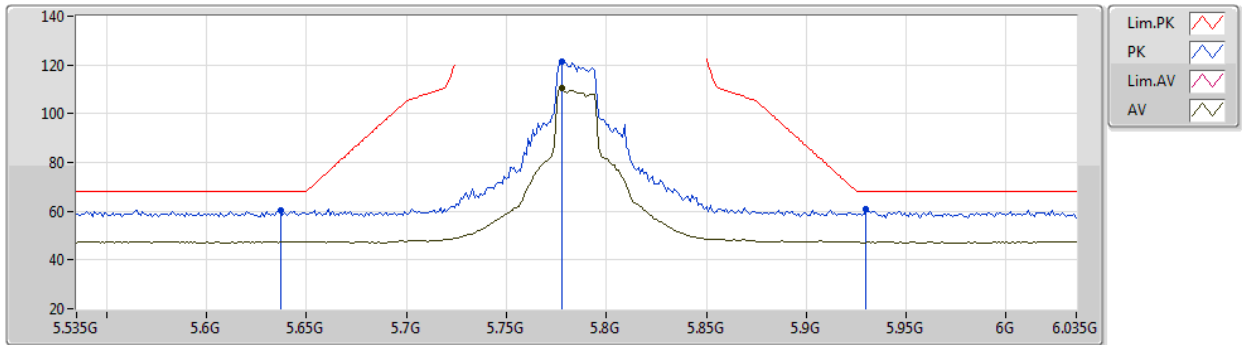
EUT Y_4TX
Setting 20
03-A-E-2-10

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	5.583G	60.47	68.20	-7.73	54.02	3	Vertical	54	3.00	-	34.42	7.02	34.99
PK	5.793G	115.59	Inf	-Inf	109.18	3	Vertical	54	3.00	-	34.30	7.04	34.93
AV	5.792G	105.62	Inf	-Inf	99.21	3	Vertical	54	3.00	-	34.30	7.04	34.93
PK	5.965G	60.05	68.20	-8.15	53.17	3	Vertical	54	3.00	-	34.70	7.06	34.88

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5785MHz_TX



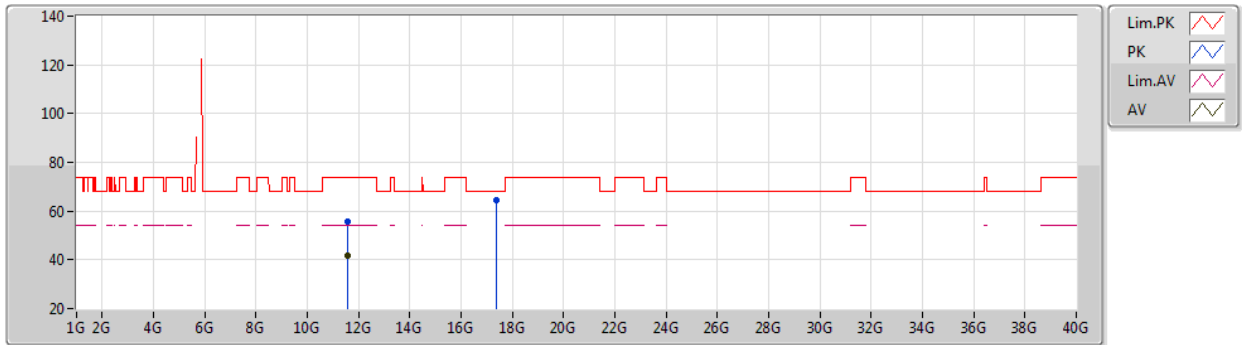
EUT Y_4TX
Setting 20
03-A-E-2-10

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	5.637G	60.30	68.20	-7.90	53.89	3	Horizontal	75	1.49	-	34.36	7.02	34.97
PK	5.778G	121.19	Inf	-Inf	114.78	3	Horizontal	75	1.49	-	34.30	7.04	34.93
AV	5.778G	110.37	Inf	-Inf	103.96	3	Horizontal	75	1.49	-	34.30	7.04	34.93
PK	5.93G	60.66	68.20	-7.54	53.91	3	Horizontal	75	1.49	-	34.59	7.05	34.89

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5785MHz_TX



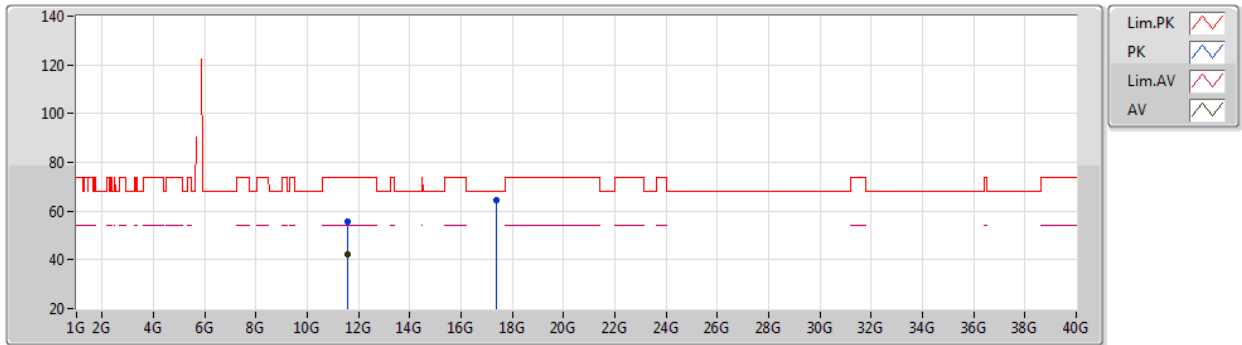
EUT Y_4TX
Setting 20
03-A-E-2

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	11.56978G	55.71	74.00	-18.29	41.33	3	Vertical	340	1.19	-	38.90	10.17	34.69
AV	11.57084G	41.83	54.00	-12.17	27.45	3	Vertical	340	1.19	-	38.90	10.17	34.69
PK	17.3599G	64.67	68.20	-3.53	45.38	3	Vertical	211	1.64	-	41.74	12.12	34.57

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5785MHz_TX



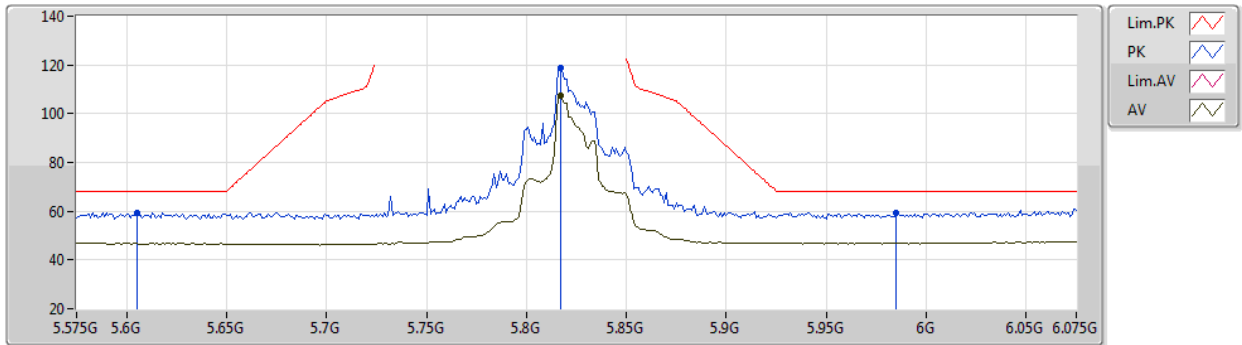
EUT Y_4TX
Setting 20
03-A-E-2

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	11.5666G	55.90	74.00	-18.10	41.52	3	Horizontal	10	1.81	-	38.90	10.17	34.69
AV	11.56812G	42.07	54.00	-11.93	27.69	3	Horizontal	10	1.81	-	38.90	10.17	34.69
PK	17.355G	64.58	68.20	-3.62	45.32	3	Horizontal	155	1.80	-	41.71	12.12	34.57

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5825MHz_TX



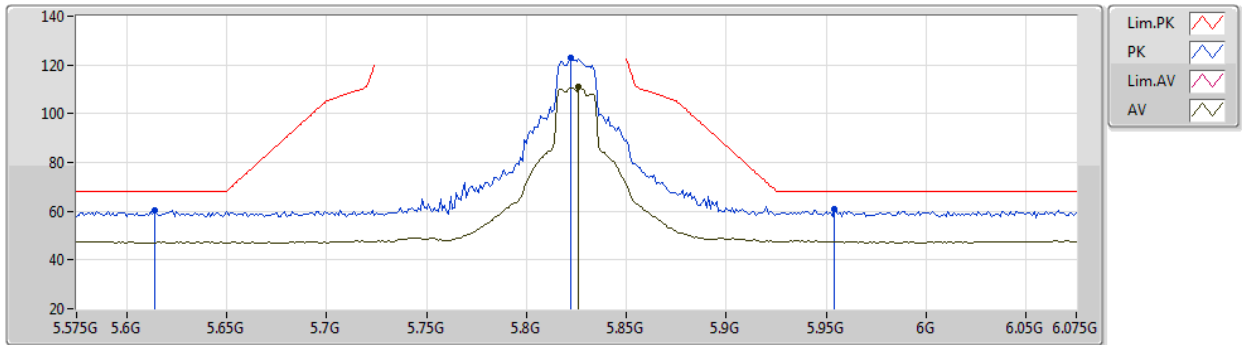
EUT Y_4TX
Setting 20
03-A-E-2-10

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	5.605G	59.50	68.20	-8.70	53.07	3	Vertical	312	1.93	-	34.39	7.02	34.98
PK	5.817G	118.86	Inf	-Inf	112.41	3	Vertical	312	1.93	-	34.33	7.04	34.92
AV	5.817G	107.55	Inf	-Inf	101.10	3	Vertical	312	1.93	-	34.33	7.04	34.92
PK	5.985G	59.49	68.20	-8.71	52.55	3	Vertical	312	1.93	-	34.75	7.06	34.87

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5825MHz_TX



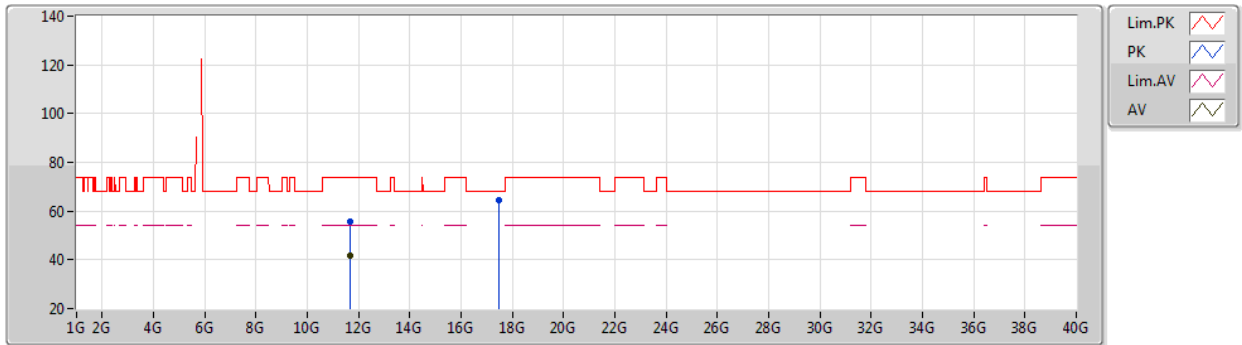
EUT Y_4TX
Setting 20
03-A-E-2-10

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	5.614G	60.40	68.20	-7.80	53.97	3	Horizontal	78	1.44	-	34.39	7.02	34.98
PK	5.822G	123.03	Inf	-Inf	116.57	3	Horizontal	78	1.44	-	34.34	7.04	34.92
AV	5.826G	110.97	Inf	-Inf	104.50	3	Horizontal	78	1.44	-	34.35	7.04	34.92
PK	5.954G	60.72	68.20	-7.48	53.88	3	Horizontal	78	1.44	-	34.66	7.06	34.88

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5825MHz_TX



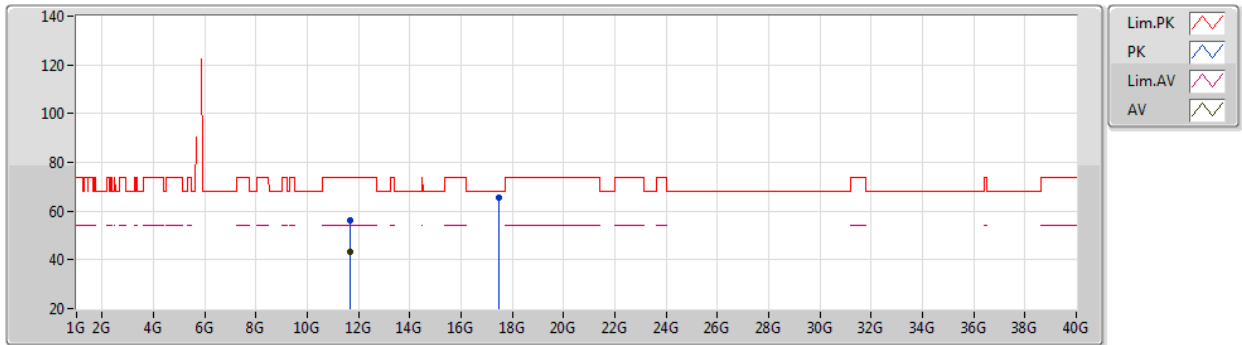
EUT Y_4TX
Setting 20
03-A-E-2

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	11.65224G	55.59	74.00	-18.41	41.16	3	Vertical	353	1.73	-	38.96	10.18	34.71
AV	11.65436G	41.80	54.00	-12.20	27.36	3	Vertical	353	1.73	-	38.96	10.19	34.71
PK	17.47808G	64.64	68.20	-3.56	44.71	3	Vertical	170	1.80	-	42.34	12.15	34.56

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/06/2020

5825MHz_TX



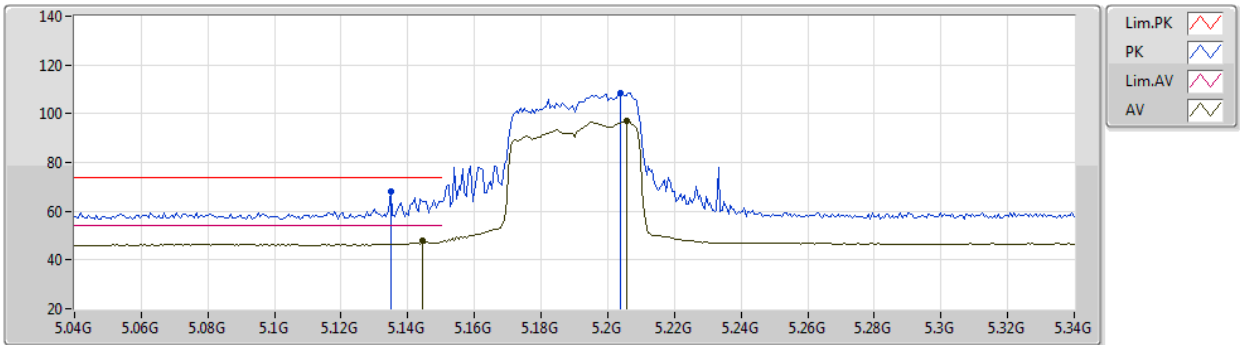
EUT Y_4TX
Setting 20
03-A-E-2

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	11.65254G	56.35	74.00	-17.65	41.92	3	Horizontal	22	2.86	-	38.96	10.18	34.71
AV	11.6498G	43.07	54.00	-10.93	28.65	3	Horizontal	22	2.86	-	38.95	10.18	34.71
PK	17.47096G	65.41	68.20	-2.79	45.52	3	Horizontal	136	1.01	-	42.30	12.15	34.56

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

19/06/2020

5190MHz_TX



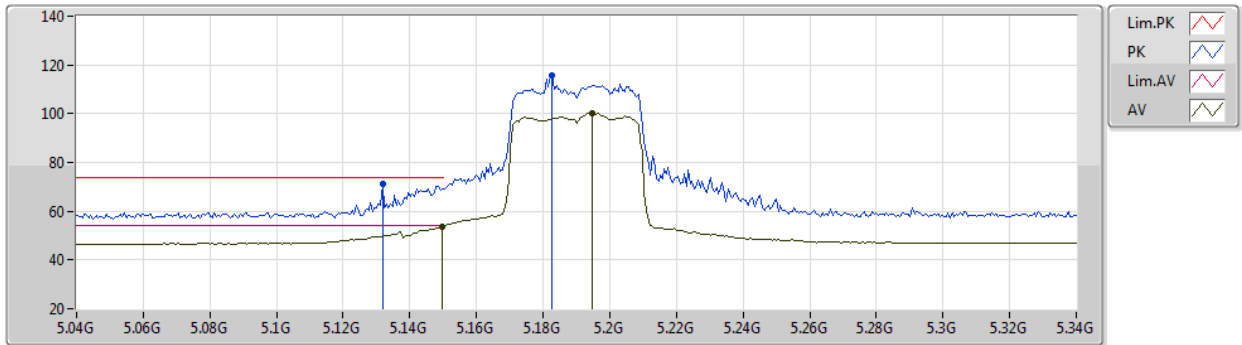
EUT Y_4TX
Setting 14
03-A-E-2-10

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	5.1348G	68.09	74.00	-5.91	62.10	3	Vertical	0	3.00	-	34.03	6.72	34.76
AV	5.1444G	48.03	54.00	-5.97	42.03	3	Vertical	0	3.00	-	34.04	6.73	34.77
PK	5.2038G	108.52	Inf	-Inf	102.45	3	Vertical	0	3.00	-	34.11	6.77	34.81
AV	5.2056G	96.84	Inf	-Inf	90.76	3	Vertical	0	3.00	-	34.11	6.78	34.81

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

19/06/2020

5190MHz_TX



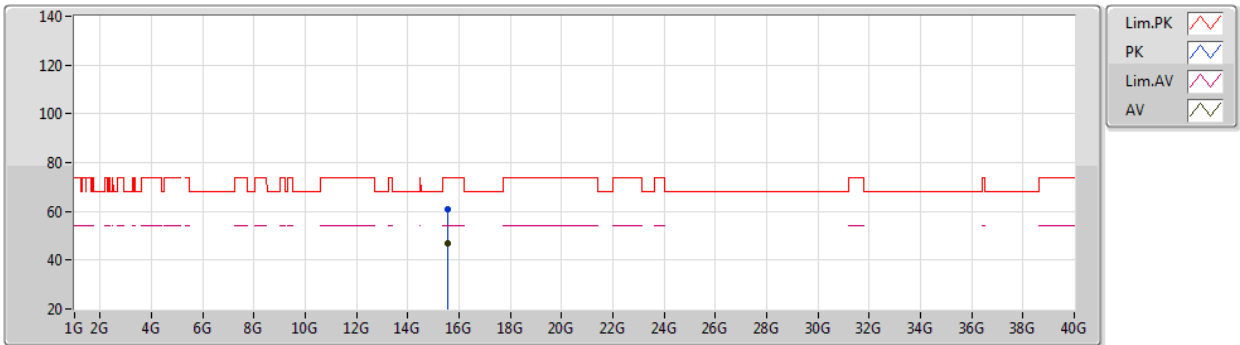
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Setting 14
03-A-E-2-10

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	5.1318G	71.19	74.00	-2.81	65.20	3	Horizontal	74	1.12	-	34.03	6.72	34.76
AV	5.1498G	53.60	54.00	-0.40	47.59	3	Horizontal	74	1.12	-	34.05	6.73	34.77
PK	5.1828G	115.57	Inf	-Inf	109.53	3	Horizontal	74	1.12	-	34.08	6.76	34.80
AV	5.1948G	100.19	Inf	-Inf	94.14	3	Horizontal	74	1.12	-	34.09	6.77	34.81

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

19/06/2020

5190MHz_TX



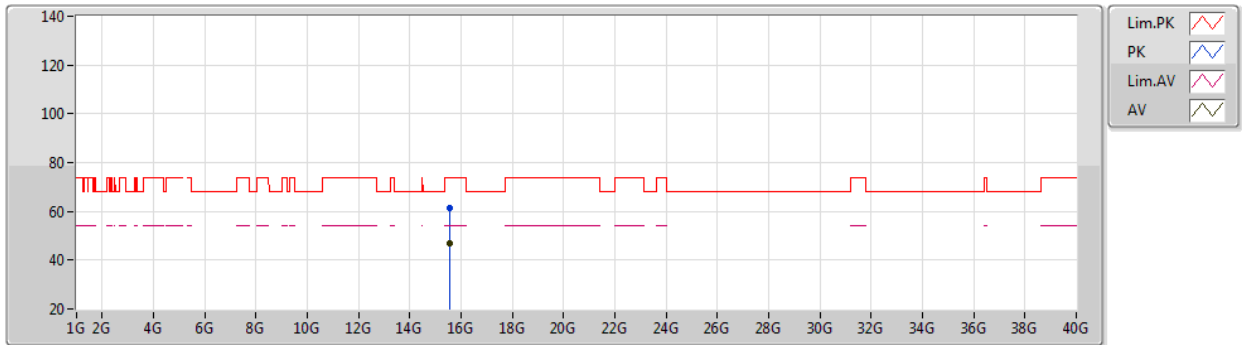
EUT Y_4TX
Setting 14
03-A-E-2

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	15.56992G	60.79	74.00	-13.21	45.19	3	Vertical	203	1.00	-	38.79	11.64	34.83
AV	15.56836G	47.05	54.00	-6.95	31.45	3	Vertical	203	1.00	-	38.79	11.64	34.83

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

19/06/2020

5190MHz_TX



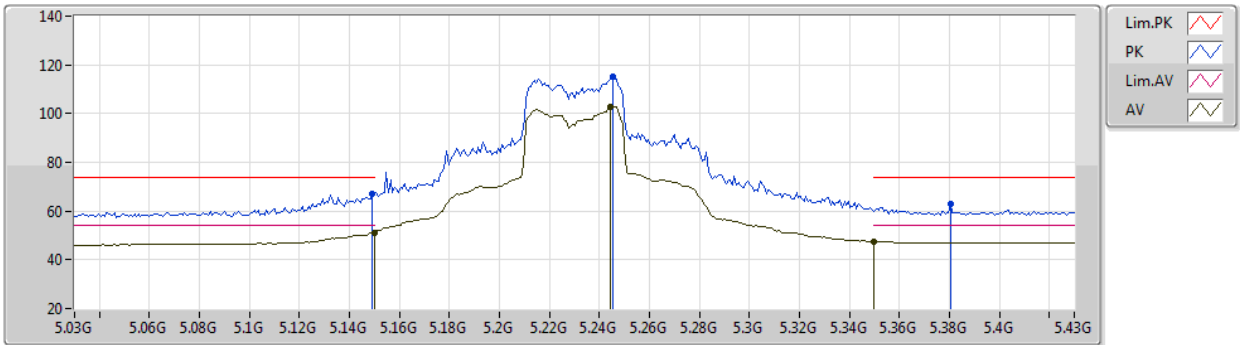
EUT Y_4TX
Setting 14
03-A-E-2

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	15.56764G	61.15	74.00	-12.85	45.54	3	Horizontal	0	2.50	-	38.80	11.64	34.83
AV	15.57128G	46.95	54.00	-7.05	31.35	3	Horizontal	0	2.50	-	38.79	11.64	34.83

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

19/06/2020

5230MHz_TX



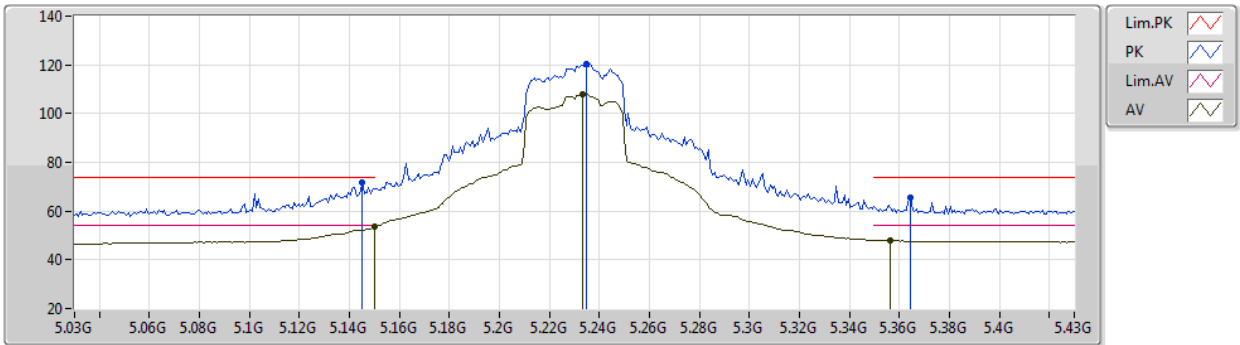
EUT Y_4TX
Setting 20
03-A-E-2-10

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	5.1492G	66.93	74.00	-7.07	60.92	3	Vertical	69	1.24	-	34.05	6.73	34.77
AV	5.15G	51.16	54.00	-2.84	45.15	3	Vertical	69	1.24	-	34.05	6.73	34.77
PK	5.2452G	115.05	Inf	-Inf	108.89	3	Vertical	69	1.24	-	34.19	6.81	34.84
AV	5.2444G	103.01	Inf	-Inf	96.85	3	Vertical	69	1.24	-	34.19	6.81	34.84
PK	5.3804G	62.74	74.00	-11.26	56.38	3	Vertical	69	1.24	-	34.38	6.92	34.94
AV	5.35G	47.41	54.00	-6.59	41.08	3	Vertical	69	1.24	-	34.35	6.90	34.92

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

19/06/2020

5230MHz_TX



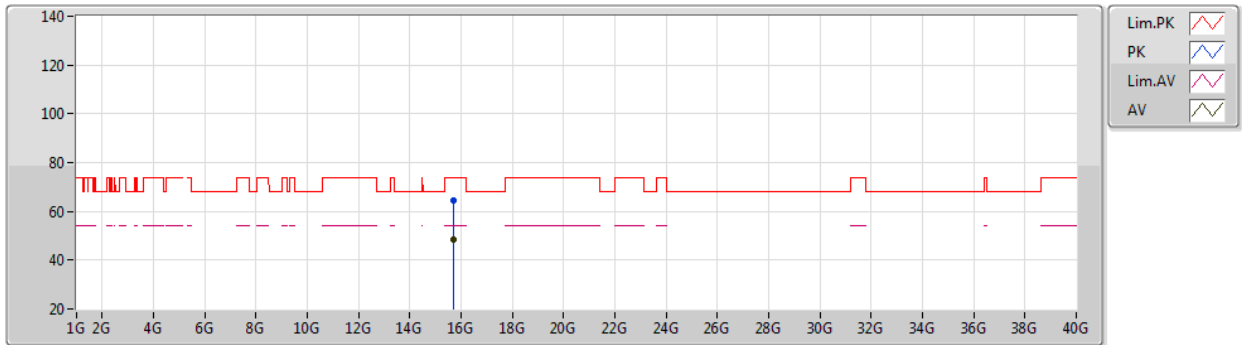
EUT Y_4TX
Setting 20
03-A-E-2-10

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	5.1452G	71.83	74.00	-2.17	65.82	3	Horizontal	79	1.41	-	34.05	6.73	34.77
AV	5.15G	53.37	54.00	-0.63	47.36	3	Horizontal	79	1.41	-	34.05	6.73	34.77
PK	5.2348G	120.43	Inf	-Inf	114.29	3	Horizontal	79	1.41	-	34.17	6.80	34.83
AV	5.2332G	107.95	Inf	-Inf	101.81	3	Horizontal	79	1.41	-	34.17	6.80	34.83
PK	5.3644G	65.67	74.00	-8.33	59.33	3	Horizontal	79	1.41	-	34.36	6.91	34.93
AV	5.3564G	48.08	54.00	-5.92	41.74	3	Horizontal	79	1.41	-	34.36	6.90	34.92

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

19/06/2020

5230MHz_TX



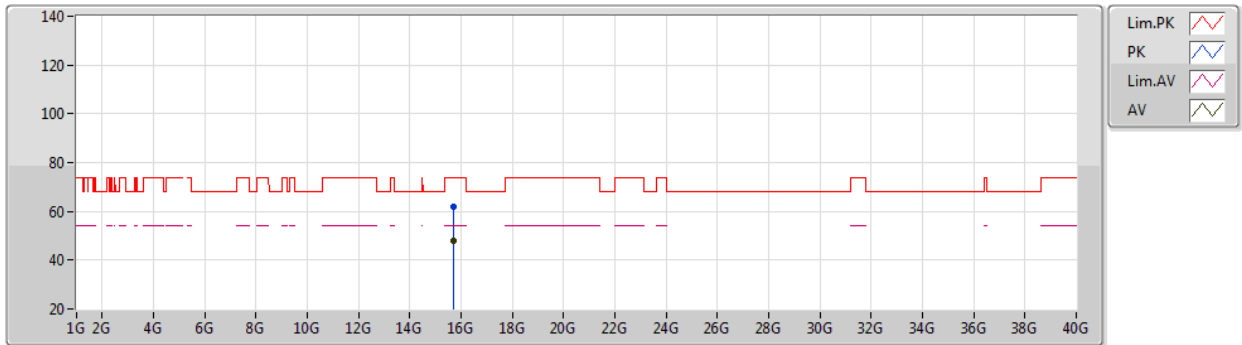
EUT Y_4TX
Setting 20
03-A-E-2

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	15.68602G	64.31	74.00	-9.69	49.13	3	Vertical	350	1.86	-	38.44	11.70	34.96
AV	15.68526G	48.27	54.00	-5.73	33.09	3	Vertical	350	1.86	-	38.44	11.70	34.96

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

19/06/2020

5230MHz_TX



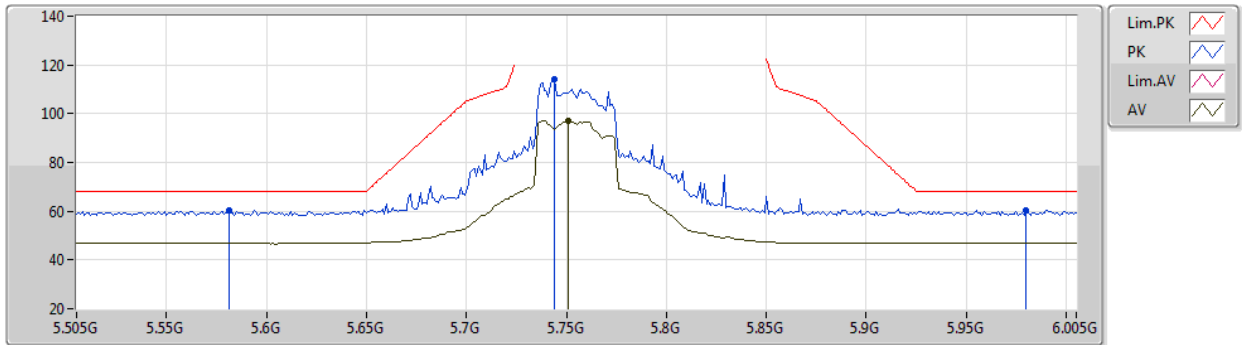
EUT_Y_4TX
Setting 20
03-A-E-2

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	15.68958G	62.03	74.00	-11.97	46.86	3	Horizontal	23	1.46	-	38.43	11.70	34.96
AV	15.68696G	47.68	54.00	-6.32	32.50	3	Horizontal	23	1.46	-	38.44	11.70	34.96

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

19/06/2020

5755MHz_TX



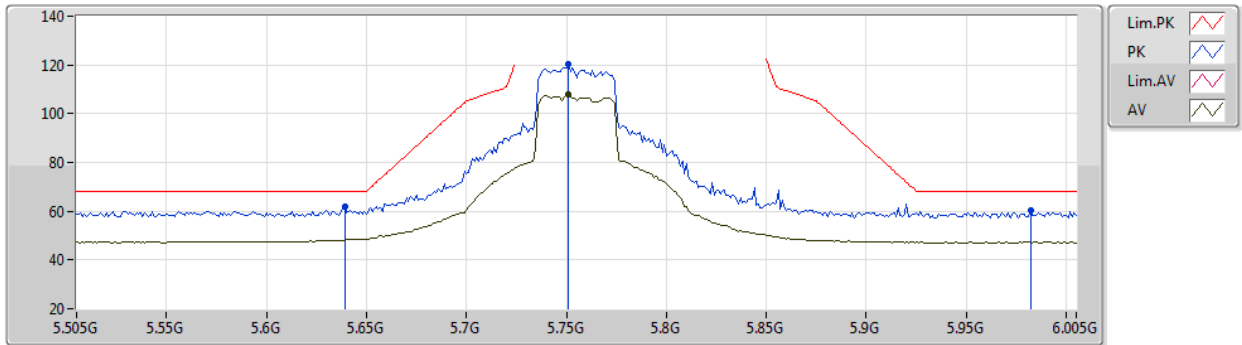
EUT Y_4TX
Setting 20
03-A-E-2-10

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	5.581G	60.58	68.20	-7.62	54.13	3	Vertical	319	3.00	-	34.42	7.02	34.99
PK	5.744G	114.05	Inf	-Inf	107.66	3	Vertical	319	3.00	-	34.30	7.03	34.94
AV	5.751G	97.25	Inf	-Inf	90.85	3	Vertical	319	3.00	-	34.30	7.04	34.94
PK	5.98G	60.38	68.20	-7.82	53.46	3	Vertical	319	3.00	-	34.74	7.06	34.88

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

19/06/2020

5755MHz_TX



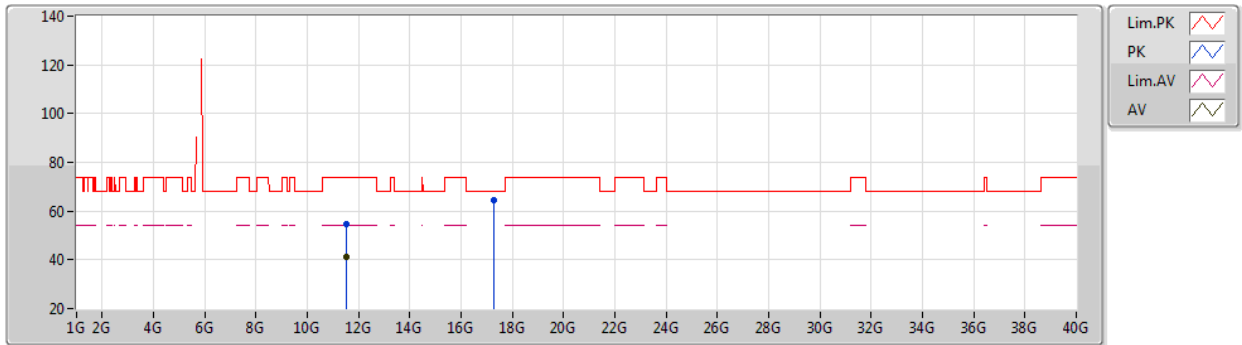
EUT Y_4TX
Setting 20
03-A-E-2-10

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	62.09	68.20	-6.11	55.68	3	Horizontal	61	2.51	-	34.36	7.02	34.97
PK	5.751G	120.38	Inf	-Inf	113.98	3	Horizontal	61	2.51	-	34.30	7.04	34.94
AV	5.751G	108.14	Inf	-Inf	101.74	3	Horizontal	61	2.51	-	34.30	7.04	34.94
PK	5.982G	60.13	68.20	-8.07	53.20	3	Horizontal	61	2.51	-	34.75	7.06	34.88

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

19/06/2020

5755MHz_TX



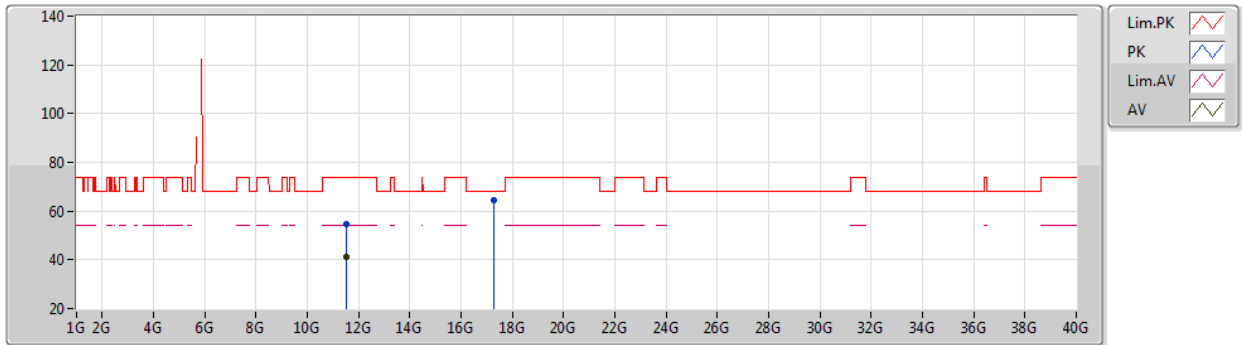
EUT Y_4TX
Setting 20
03-A-E-2

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	11.50552G	54.79	74.00	-19.21	40.45	3	Vertical	264	1.66	-	38.85	10.17	34.68
AV	11.51398G	41.16	54.00	-12.84	26.81	3	Vertical	264	1.66	-	38.86	10.17	34.68
PK	17.2639G	64.73	68.20	-3.47	45.96	3	Vertical	282	1.70	-	41.25	12.09	34.57

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

19/06/2020

5755MHz_TX



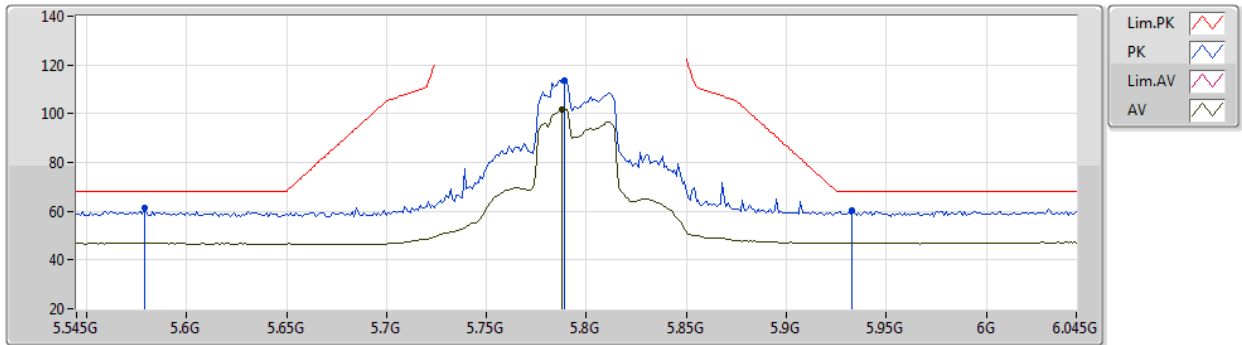
EUT Y_4TX
Setting 20
03-A-E-2

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	11.5141G	54.52	74.00	-19.48	40.17	3	Horizontal	333	1.17	-	38.86	10.17	34.68
AV	11.51094G	41.04	54.00	-12.96	26.69	3	Horizontal	333	1.17	-	38.86	10.17	34.68
PK	17.2608G	64.60	68.20	-3.60	45.85	3	Horizontal	76	1.25	-	41.23	12.09	34.57

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

19/06/2020

5795MHz_TX



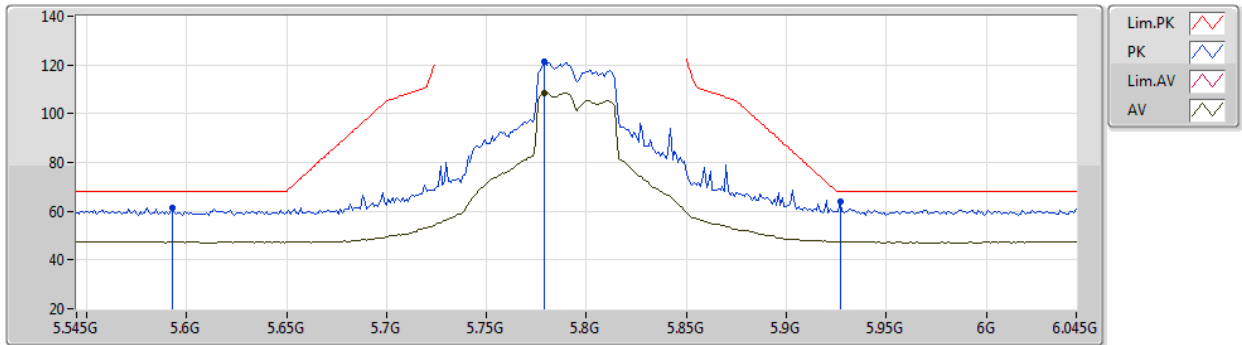
EUT Y_4TX
Setting 20
03-A-E-2-10

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	5.579G	61.21	68.20	-6.99	54.76	3	Vertical	2	2.35	-	34.42	7.02	34.99
PK	5.789G	113.78	Inf	-Inf	107.37	3	Vertical	2	2.35	-	34.30	7.04	34.93
AV	5.788G	101.91	Inf	-Inf	95.50	3	Vertical	2	2.35	-	34.30	7.04	34.93
PK	5.933G	60.28	68.20	-7.92	53.52	3	Vertical	2	2.35	-	34.60	7.05	34.89

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

19/06/2020

5795MHz_TX



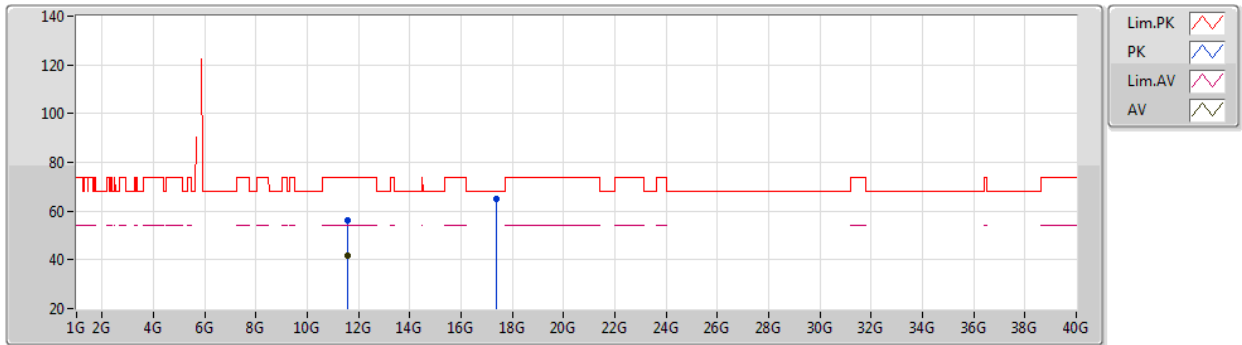
EUT Y_4TX
Setting 20
03-A-E-2-10

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	5.593G	61.52	68.20	-6.68	55.07	3	Horizontal	60	2.58	-	34.41	7.02	34.98
PK	5.779G	121.37	Inf	-Inf	114.96	3	Horizontal	60	2.58	-	34.30	7.04	34.93
AV	5.779G	108.53	Inf	-Inf	102.12	3	Horizontal	60	2.58	-	34.30	7.04	34.93
PK	5.927G	63.82	68.20	-4.38	57.08	3	Horizontal	60	2.58	-	34.58	7.05	34.89

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

19/06/2020

5795MHz_TX



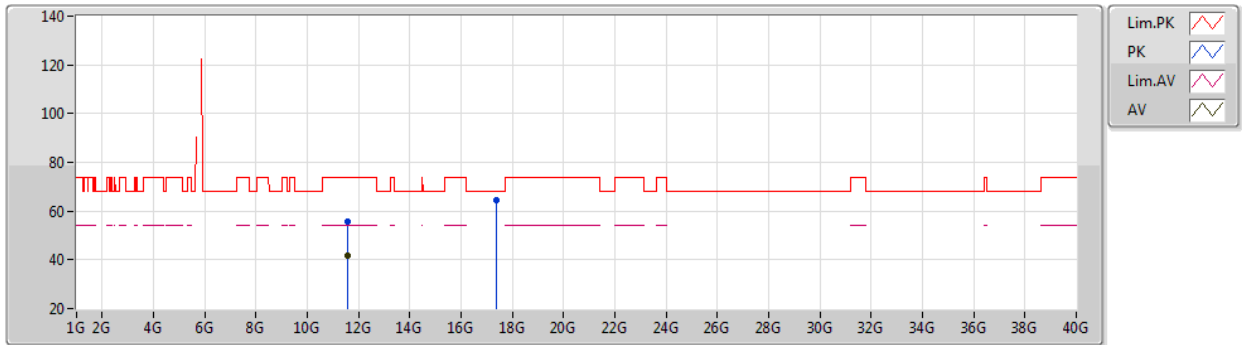
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Setting 20
03-A-E-2

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	11.58882G	56.18	74.00	-17.82	41.79	3	Vertical	335	1.26	-	38.91	10.18	34.70
AV	11.59278G	41.84	54.00	-12.16	27.45	3	Vertical	335	1.26	-	38.91	10.18	34.70
PK	17.38024G	64.82	68.20	-3.38	45.42	3	Vertical	61	1.28	-	41.84	12.13	34.57

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

19/06/2020

5795MHz_TX



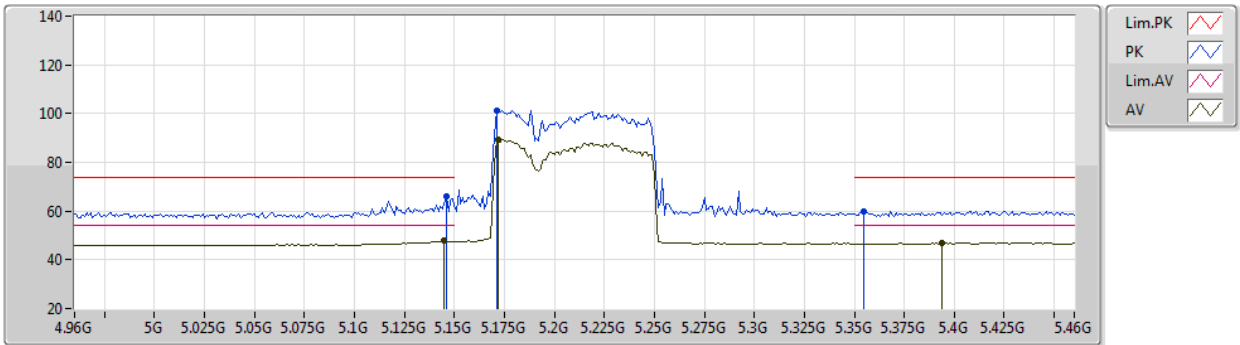
EUT Y_4TX
Setting 20
03-A-E-2

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	11.58518G	55.93	74.00	-18.07	41.54	3	Horizontal	206	1.12	-	38.91	10.18	34.70
AV	11.59262G	41.73	54.00	-12.27	27.34	3	Horizontal	206	1.12	-	38.91	10.18	34.70
PK	17.38774G	64.72	68.20	-3.48	45.28	3	Horizontal	356	1.77	-	41.88	12.13	34.57

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

19/06/2020

5210MHz_TX



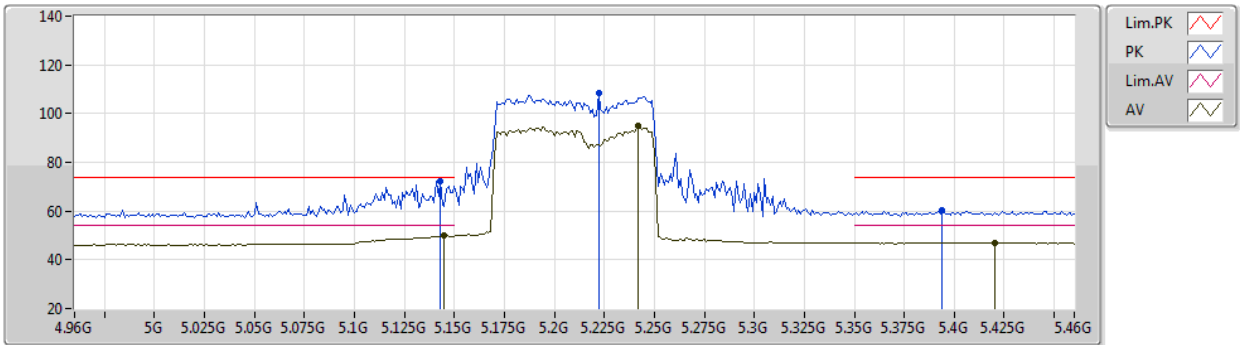
EUT Y_4TX
Setting 11
03-A-E-2-10

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	65.95	74.00	-8.05	59.94	3	Vertical	26	1.05	-	34.05	6.73	34.77
AV	5.145G	47.76	54.00	-6.24	41.75	3	Vertical	26	1.05	-	34.05	6.73	34.77
PK	5.171G	101.38	Inf	-Inf	95.35	3	Vertical	26	1.05	-	34.07	6.75	34.79
AV	5.172G	89.36	Inf	-Inf	83.33	3	Vertical	26	1.05	-	34.07	6.75	34.79
PK	5.355G	60.02	74.00	-13.98	53.69	3	Vertical	26	1.05	-	34.35	6.90	34.92
AV	5.394G	46.84	54.00	-7.16	40.47	3	Vertical	26	1.05	-	34.39	6.93	34.95

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

19/06/2020

5210MHz_TX



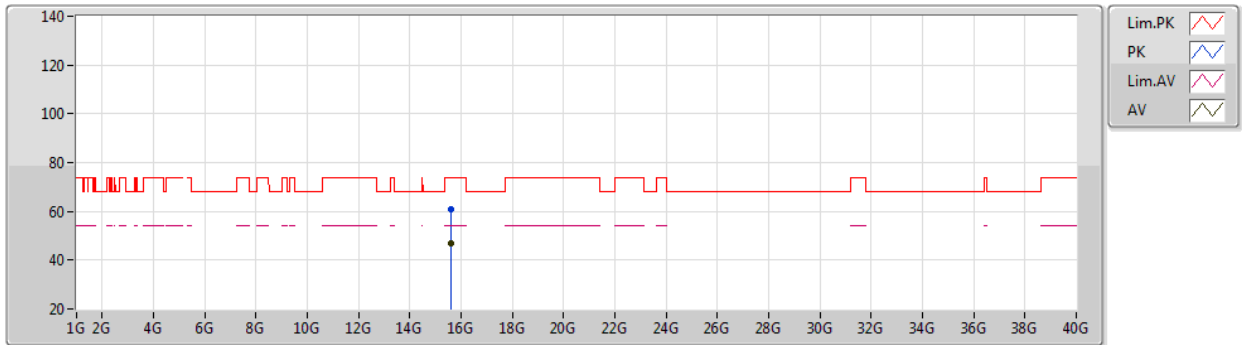
EUT Y_4TX
Setting 11
03-A-E-2-10

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	72.40	74.00	-1.60	66.40	3	Horizontal	80	1.13	-	34.04	6.73	34.77
AV	5.145G	49.77	54.00	-4.23	43.76	3	Horizontal	80	1.13	-	34.05	6.73	34.77
PK	5.222G	108.19	Inf	-Inf	102.09	3	Horizontal	80	1.13	-	34.14	6.79	34.83
AV	5.242G	94.88	Inf	-Inf	88.73	3	Horizontal	80	1.13	-	34.18	6.81	34.84
PK	5.394G	60.41	74.00	-13.59	54.04	3	Horizontal	80	1.13	-	34.39	6.93	34.95
AV	5.42G	46.93	54.00	-7.07	40.52	3	Horizontal	80	1.13	-	34.42	6.95	34.96

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

19/06/2020

5210MHz_TX



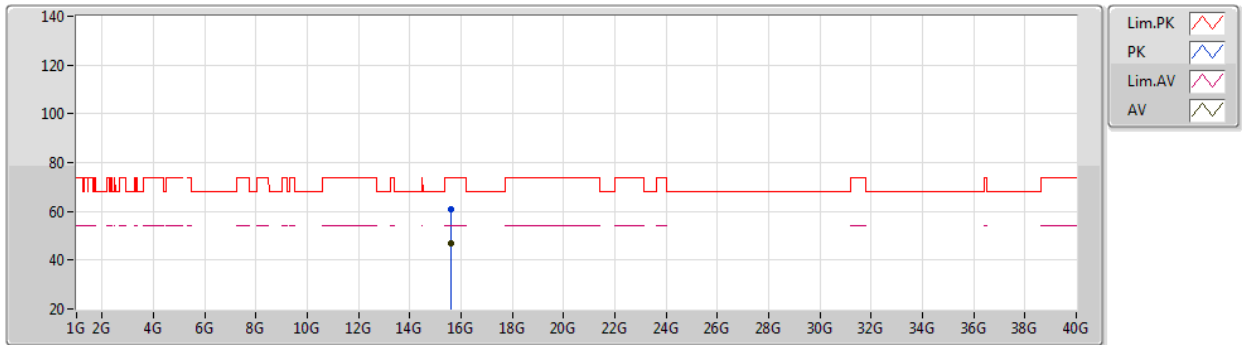
EUT Y_4TX
Setting 11
03-A-E-2

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	15.62777G	60.62	74.00	-13.38	45.22	3	Vertical	298	1.46	-	38.62	11.67	34.89
AV	15.62824G	46.77	54.00	-7.23	31.37	3	Vertical	298	1.46	-	38.62	11.67	34.89

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

19/06/2020

5210MHz_TX



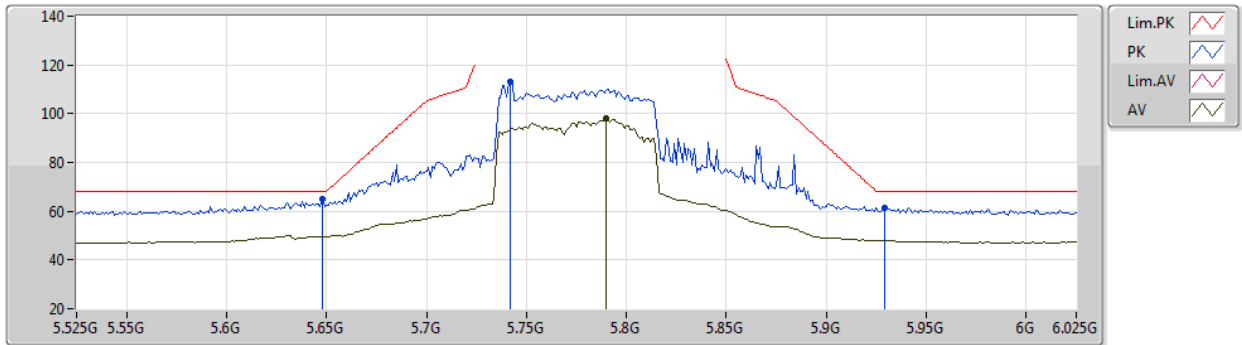
EUT Y_4TX
Setting 11
03-A-E-2

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	15.62854G	60.85	74.00	-13.15	45.47	3	Horizontal	29	1.80	-	38.61	11.67	34.90
AV	15.62556G	46.69	54.00	-7.31	31.29	3	Horizontal	29	1.80	-	38.62	11.67	34.89

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

19/06/2020

5775MHz_TX



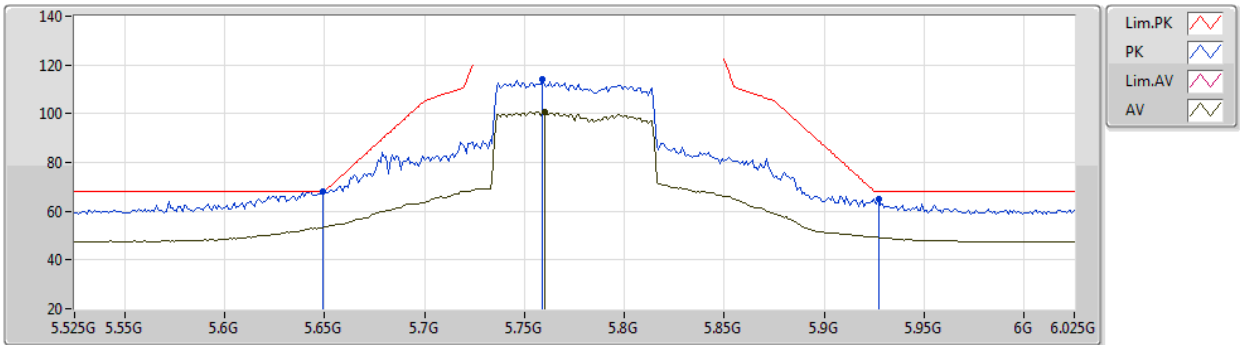
EUT Y_4TX
Setting 17
03-A-E-2-10

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	5.648G	64.93	68.20	-3.27	58.53	3	Vertical	329	2.12	-	34.35	7.02	34.97
PK	5.742G	113.35	Inf	-Inf	106.96	3	Vertical	329	2.12	-	34.30	7.03	34.94
AV	5.79G	97.88	Inf	-Inf	91.47	3	Vertical	329	2.12	-	34.30	7.04	34.93
PK	5.929G	61.59	68.20	-6.61	54.84	3	Vertical	329	2.12	-	34.59	7.05	34.89

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

19/06/2020

5775MHz_TX



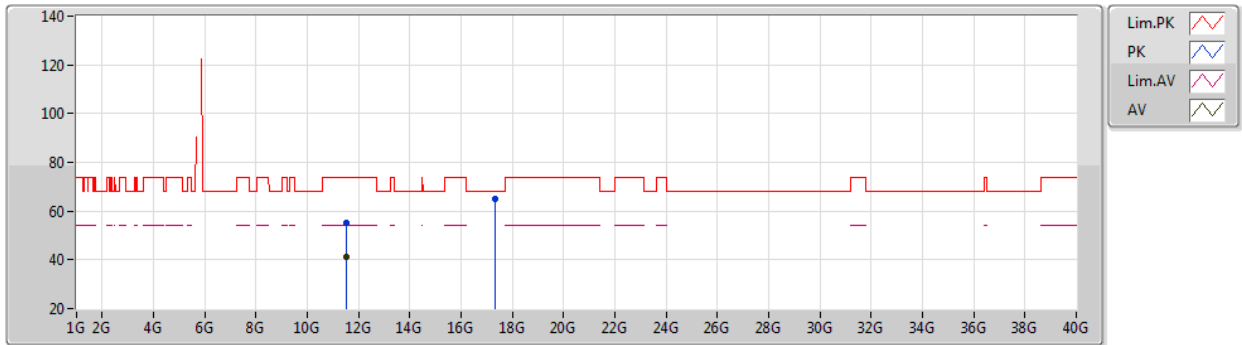
EUT Y_4TX
Setting 17
03-A-E-2-10

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	5.649G	68.10	68.20	-0.10	61.70	3	Horizontal	294	1.16	-	34.35	7.02	34.97
PK	5.759G	114.04	Inf	-Inf	107.64	3	Horizontal	294	1.16	-	34.30	7.04	34.94
AV	5.76G	100.85	Inf	-Inf	94.45	3	Horizontal	294	1.16	-	34.30	7.04	34.94
PK	5.927G	65.04	68.20	-3.16	58.30	3	Horizontal	294	1.16	-	34.58	7.05	34.89

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

19/06/2020

5775MHz_TX



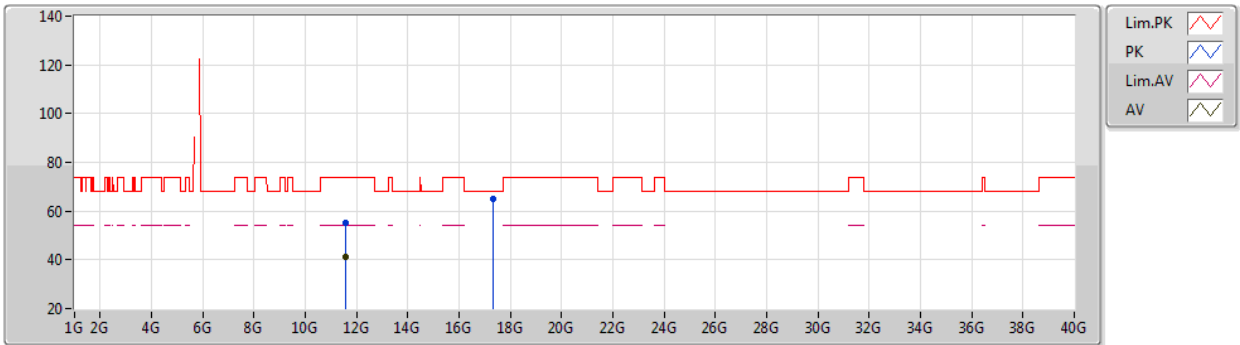
EUT Y_4TX
Setting 17
03-A-E-2

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	11.54584G	54.98	74.00	-19.02	40.62	3	Vertical	71	1.25	-	38.88	10.17	34.69
AV	11.54724G	41.37	54.00	-12.63	27.01	3	Vertical	71	1.25	-	38.88	10.17	34.69
PK	17.32252G	65.23	68.20	-2.97	46.15	3	Vertical	0	1.00	-	41.54	12.11	34.57

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

19/06/2020

5775MHz_TX



EUT Y_4TX
Setting 17
03-A-E-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	11.55236G	55.04	74.00	-18.96	40.67	3	Horizontal	115	2.12	-	38.89	10.17	34.69
AV	11.5533G	41.37	54.00	-12.63	27.00	3	Horizontal	115	2.12	-	38.89	10.17	34.69
PK	17.32296G	64.93	68.20	-3.27	45.84	3	Horizontal	68	3.00	-	41.55	12.11	34.57



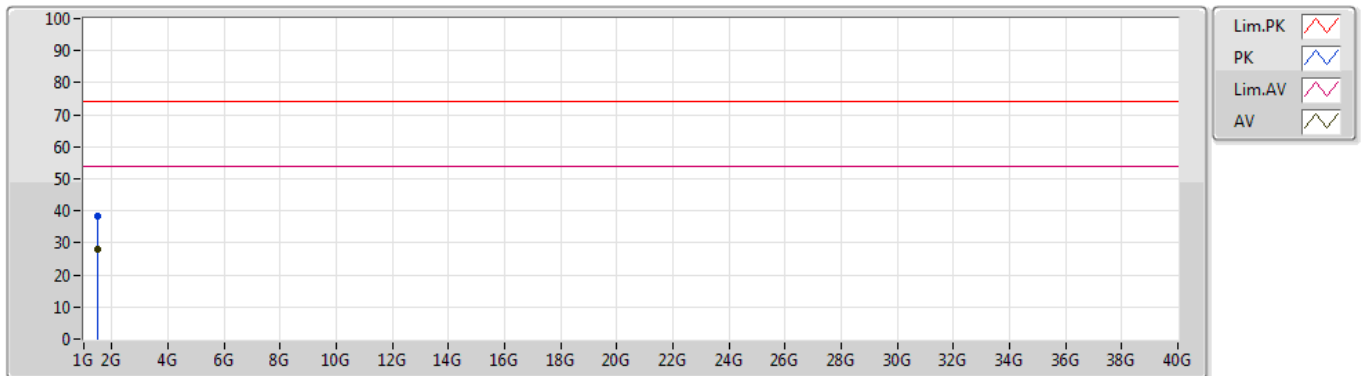
RSE Co-location Result

Appendix F

Summary

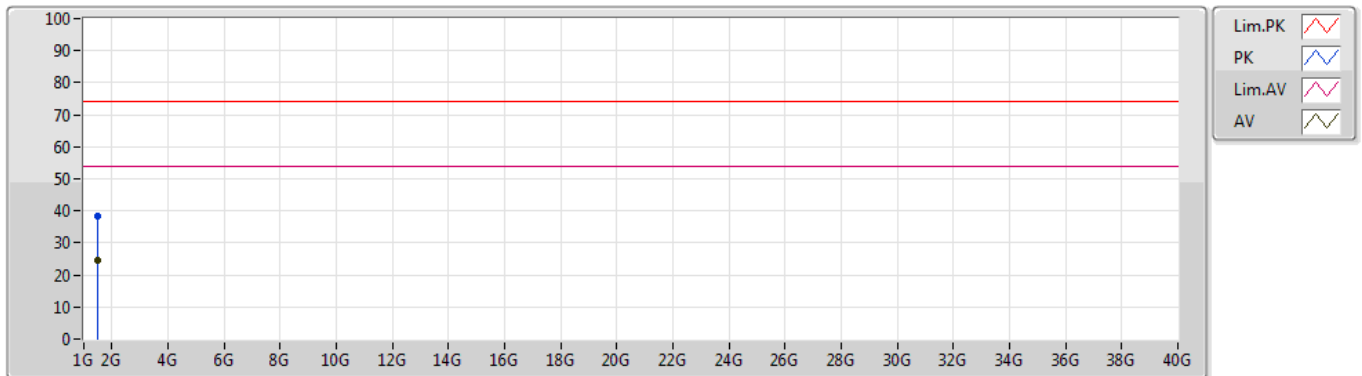
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.4999G	27.88	54.00	-26.12	Vertical

08/07/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	1.49773G	38.54	74.00	-35.46	-8.13	3	Vertical	165	1.00	-	46.67	25.60	3.29	37.02
AV	1.49999G	27.88	54.00	-26.12	-8.13	3	Vertical	165	1.00	"Worst"	36.01	25.60	3.29	37.02

08/07/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	1.49972G	38.43	74.00	-35.57	-8.13	3	Horizontal	49	2.08	-	46.56	25.60	3.29	37.02
AV	1.49989G	24.70	54.00	-29.30	-8.13	3	Horizontal	49	2.08	"Worst"	32.83	25.60	3.29	37.02