



RADIO TEST REPORT

FCC ID : 2AYRA-03639
Equipment : Velop AX5400 WiFi 6 System
Brand Name : LINKSYS
Model Name : MX5500, MX55EC, MX55MS, MX55WH
Applicant : Linksys USA, Inc.
12045 East Waterfront Drive Playa Vista, CA 90094,
United States.
Standard : 47 CFR FCC Part 15.407

The product was received on Feb. 03, 2021, and testing was started from Feb. 03, 2021 and completed on May 11, 2021. We, Sporton International Inc. Hsinchu 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. Hsinchu Laboratory, the test report shall not be reproduced except in full.


Approved by: Cliff Chang

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



Summary of Test Result

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

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

1. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.
2. The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Vicky Huang



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	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	802.11ac (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



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	802.11ac (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, VHT80 and VHT160 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	Antenna Type	Connector	Gain (dBi)
	2.4GHz	5GHz	Bluetooth					
1	2	1	-	Galtronics	02102140-07315-1	PCB	U.FL	Note
2	1	2	-	Galtronics	02102140-07315-2	PCB	U.FL	
3	-	3	-	Galtronics	02102142-07315-1	PCB	U.FL	
4	-	4	-	Galtronics	02102142-07315-2	PCB	U.FL	
5	-	-	1	Galtronics	02036073-07315	PCBA Launched	N/A	

Note:

<Antenna Gain>

Ant.	Port	WLAN Gain (dBi)		
		2.4 GHz	5GHz Band 1	5GHz Band 4
1	1	1.67	2.85	2.84
2	2	1.67	2.85	2.84
3	3	-	4.90	4.60
4	4	-	4.90	4.60

Ant.	Bluetooth Gain (dBi)
5	5.3

< Directional Gain>

Ant.	Port	Gain (dBi)			
		4T1S		4T4S	
		5GHz Band 1	5GHz Band 4	5GHz Band 1	5GHz Band 4
1	1	5.48	5.5	1.58	2.03
2	2				
3	3				
4	4				

Note: The above information was declared by manufacturer.

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:
For IEEE 802.11a/n/ac/ax (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:

For Bluetooth mode (1TX/1RX)

Only Port 1 can be use as transmit and receive antenna.

1.1.3 Mode Test Duty Cycle

For 4T1S:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.97	0.13	1.978m	1k
802.11ax HEW20-BF	0.744	1.28	1.768m	1k
802.11ax HEW40-BF	0.838	0.77	1.84m	1k
802.11ax HEW80-BF	0.835	0.78	1.76m	1k

For 4T4S:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20	0.926	0.33	1.764m	1k
802.11ax HEW40	0.924	0.34	1.764m	1k
802.11ax HEW80	0.927	0.33	1.688m	1k

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	non-beamforming mode: QSPR V5.0-00196 beamforming mode: DOS V6.1.7601			

Note: The above information was declared by manufacturer.



1.1.5 Table for Multiple Listing

The brand/model names in the following table are all refer to the identical product.

Brand Name	Model Name	Description
LINKSYS	MX5500	All the models are identical, the difference model served as marketing strategy.
	MX55EC	
	MX55MS	
	MX55WH	

Note 1: From the above models, model: MX5500 was selected as representative model for the test and its data was recorded in this report.

Note 2: 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 Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Serway Li	21.2-23.2 / 54-57	Feb. 03, 2021~ Mar. 10, 2021
Radiated (Below 1GHz)	03CH06-CB	Eason Chen	20.1-21.3 / 56-58	Feb. 26, 2021~ May 07, 2021
Radiated (Radiated Emission Co-location)	03CH05-CB	Eason Chen	21.5-22.6 / 55-58	Feb. 26, 2021~ May 07, 2021
Radiated (Above 1GHz)	03CH01-CB	Eason Chen	21-22.2 / 55-57	Feb. 26, 2021~ May 07, 2021
AC Conduction	CO02-CB	Wei Li	23-24 / 57-60	Mar. 26, 2021~ May 11, 2021



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 (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.0 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.9 dB	Confidence levels of 95%
Conducted Emission	2.8 dB	Confidence levels of 95%
Output Power Measurement	1.4 dB	Confidence levels of 95%
Power Density Measurement	2.8 dB	Confidence levels of 95%
Bandwidth Measurement	0.4%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For 4T1S:

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	20.5
5200MHz	23
5240MHz	23
5745MHz	24
5785MHz	24
5825MHz	24
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	27
5200MHz	29
5240MHz	29
5745MHz	30
5785MHz	30
5825MHz	30
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	24
5230MHz	29
5755MHz	30
5795MHz	30
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	22
5775MHz	28

**For 4T4S:**

Mode	Power Setting
802.11ax HEW20_Nss4,(MCS0)_4TX	-
5180MHz	26
5200MHz	29
5240MHz	29
5745MHz	29
5785MHz	30
5825MHz	30
802.11ax HEW40_Nss4,(MCS0)_4TX	-
5190MHz	25
5230MHz	29
5755MHz	29
5795MHz	29
802.11ax HEW80_Nss4,(MCS0)_4TX	-
5210MHz	22
5775MHz	28

Note:

- ♦ There are two modes of EUT for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz. One is beamforming mode, and the other is non-beamforming mode, after evaluating, beamforming mode has been evaluated to be the worst case, so it was selected to test and record in this test report.
- ♦ Evaluated HEW20/HEW40/HEW80 mode only, due to similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80 mode are the same or lower than HEW20/HEW40/HEW80.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
1	EUT + Adapter 1 + RJ-45 cable 1
2	EUT + Adapter 2 + RJ-45 cable 1
3	EUT + Adapter 3 + RJ-45 cable 1
4	EUT + Adapter 4 + RJ-45 cable 1
For operating mode 2 is the worst case and it was record in this test report.	

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



The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
1	EUT-WLAN 2.4GHz + Adapter 1 + RJ-45 cable 1
2	EUT-WLAN 2.4GHz + Adapter 2 + RJ-45 cable 1
Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3~4 will follow this same test mode.	
3	EUT-Bluetooth + Adapter 1 + RJ-45 cable 1
4	EUT-WLAN 5GHz + Adapter 1 + RJ-45 cable 1
Mode 1 has been evaluated to be the worst case between Mode 1~4, thus measurement for Mode 5~6 will follow this same test mode.	
5	EUT-WLAN 2.4GHz + Adapter 3 + RJ-45 cable 1
6	EUT-WLAN 2.4GHz + Adapter 4 + RJ-45 cable 1
Mode 1 has been evaluated to be the worst case between Mode 1~6, thus measurement for Mode 7 will follow this same test mode.	
7	EUT-WLAN 2.4GHz + Adapter 1 + RJ-45 cable 2
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
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.: FA122657 for Co-location RF Exposure Evaluation.	

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



2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

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

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS V6.1.7601.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Client and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter 1 (Fixed plug)	Ktec	KSA-24W-120200HU	INPUT: 100-240V~50/60Hz, 0.6A OUTPUT: 12V, 2.0A
Adapter 2 (Fixed plug)	APD	WB-24J12FU	INPUT: 100-240V~50-60Hz, 0.7A Max. OUTPUT: 12V, 2A
Adapter 3 (Removable plug)	Ktec	KSA-24W-120200D5	INPUT: 100-240V~50/60Hz, 0.6A OUTPUT: 12.0V, 2.0A 24.0W
Adapter 4 (Removable plug)	APD	WB-24J12R	INPUT: 100-240V~50-60Hz, 0.7A Max. OUTPUT: 12.0V, 2.0A 24.0W
Other			
US plug*2 (for adapter 3 and adapter 4 use)			
RJ-45 cable 1*1, non-shielded, 1.8m, Type: flat wire			
RJ-45 cable 2*1, non-shielded, 1.8m, Type: round wire			



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	WAN NB	DELL	E6430	N/A
B	LAN NB	DELL	E6430	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A
E	iPad	Apple	A1430	N/A

For Radiated (below 1GHz):

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

For Radiated (above 1GHz) and RF Conducted:

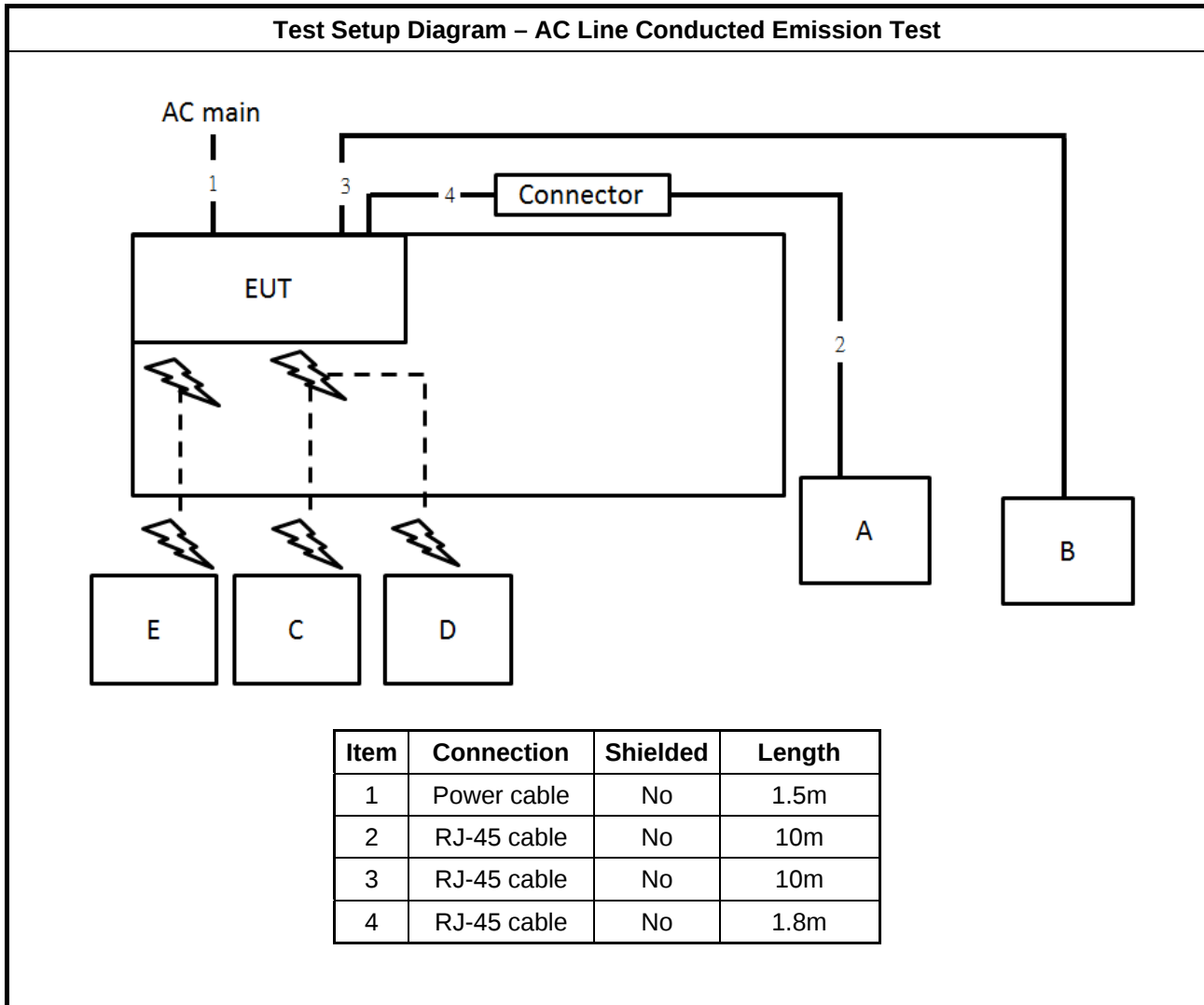
For non-beamforming mode:

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

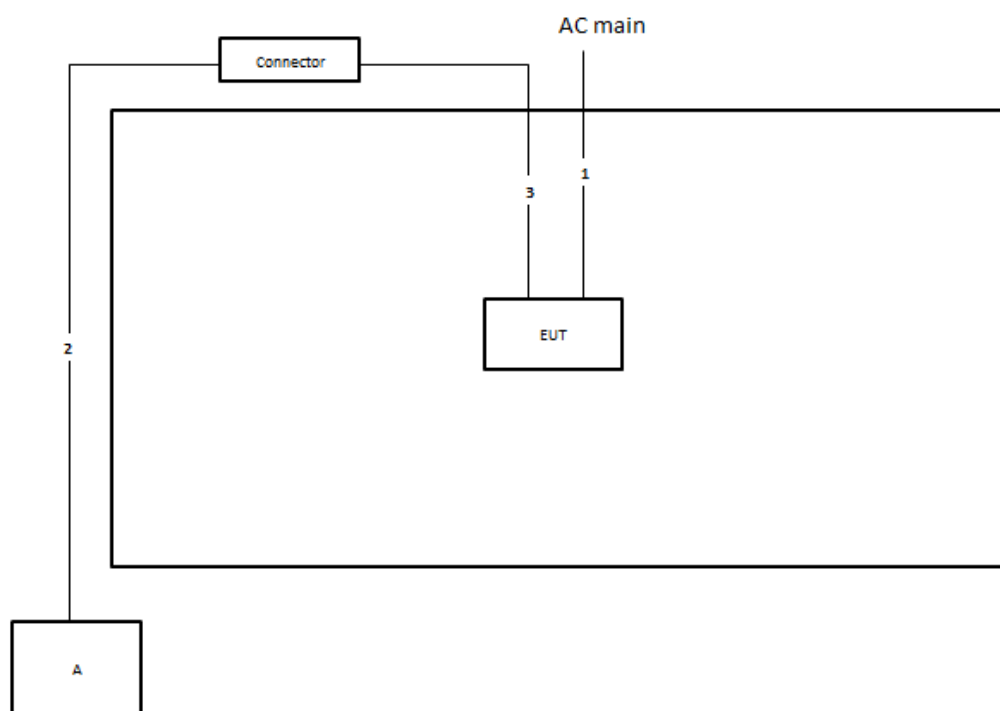
For beamforming mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Client	Cybertan	Dominica	N/A
C	NB	DELL	E4300	N/A

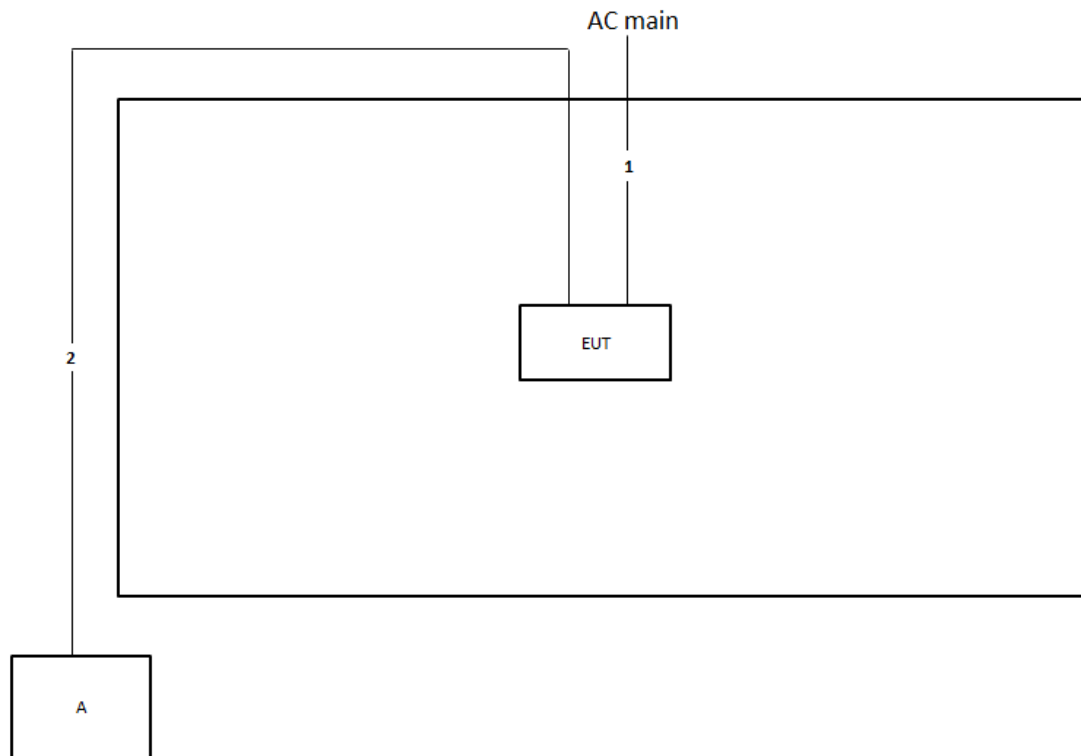
2.6 Test Setup Diagram



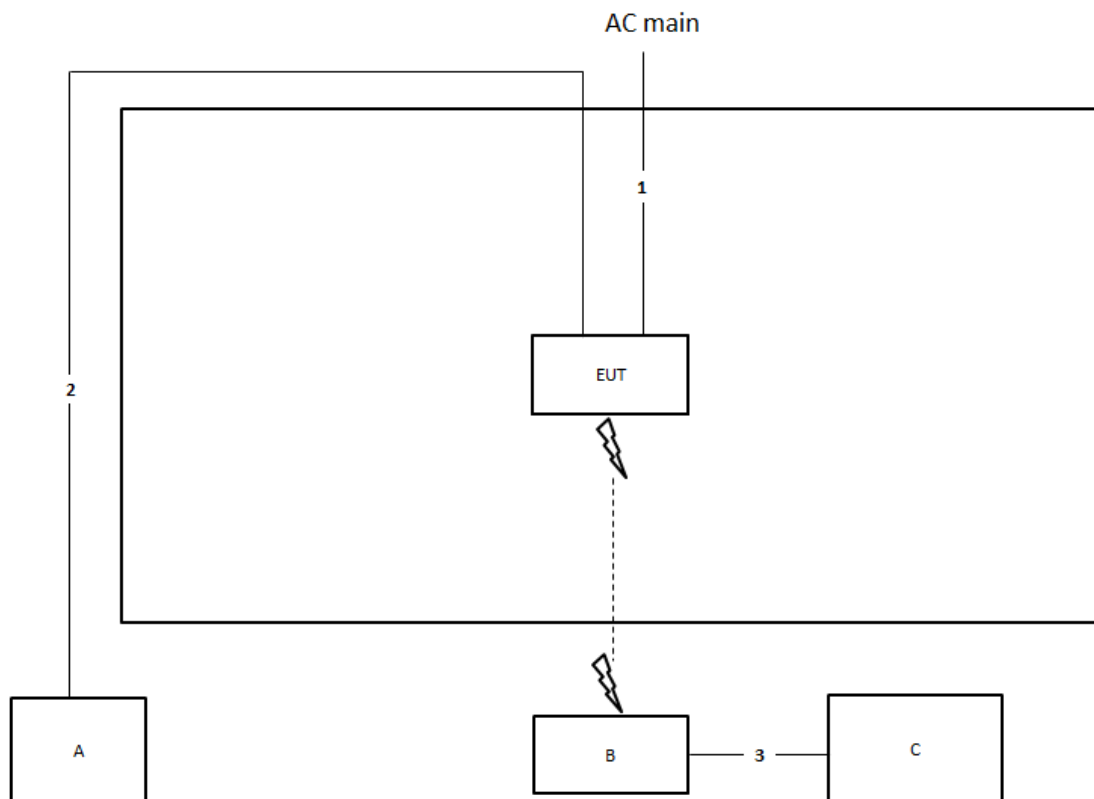
Test Setup Diagram - Radiated Test < 1GHz



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

Test Setup Diagram - Radiated Test > 1GHz
For non-beamforming mode:


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

Test Setup Diagram - Radiated Test > 1GHz
For beamforming mode:


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



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

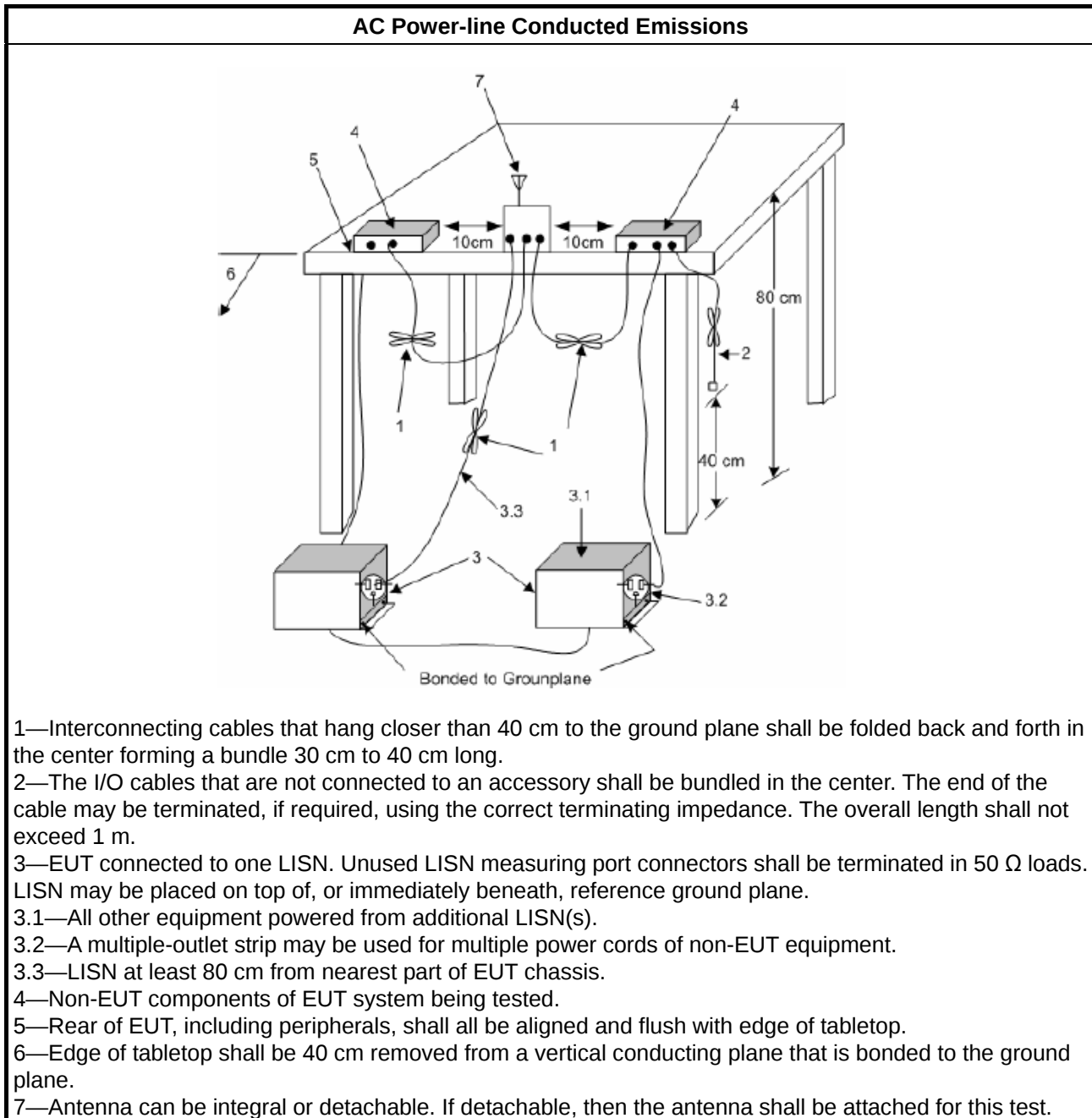
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

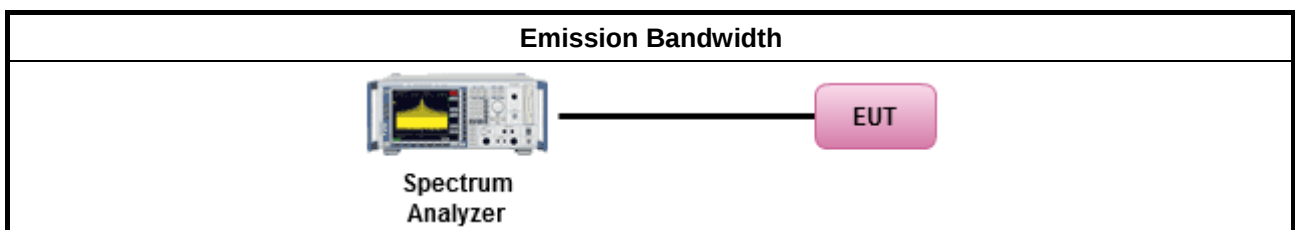
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

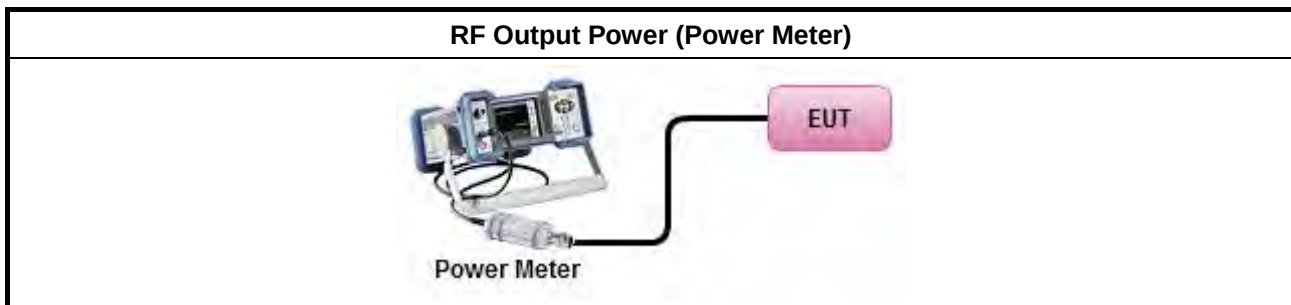
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

3.4.2 Measuring Instruments

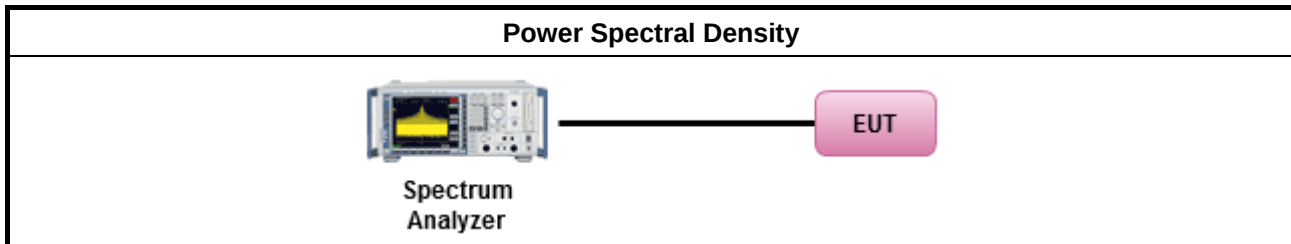
Refer a test equipment and calibration data table in this test report.



3.4.3 Test Procedures

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

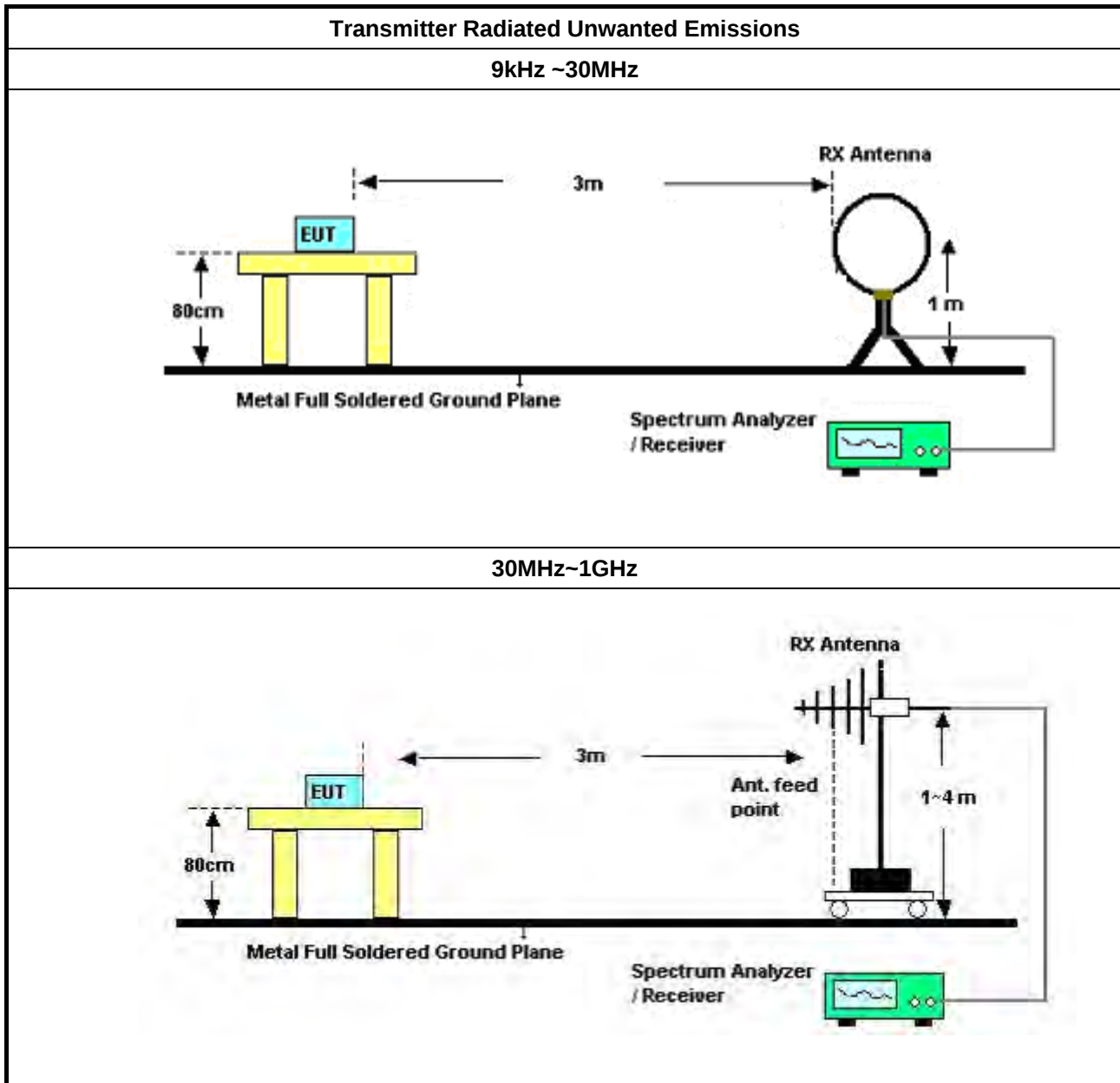
3.5.2 Measuring Instruments

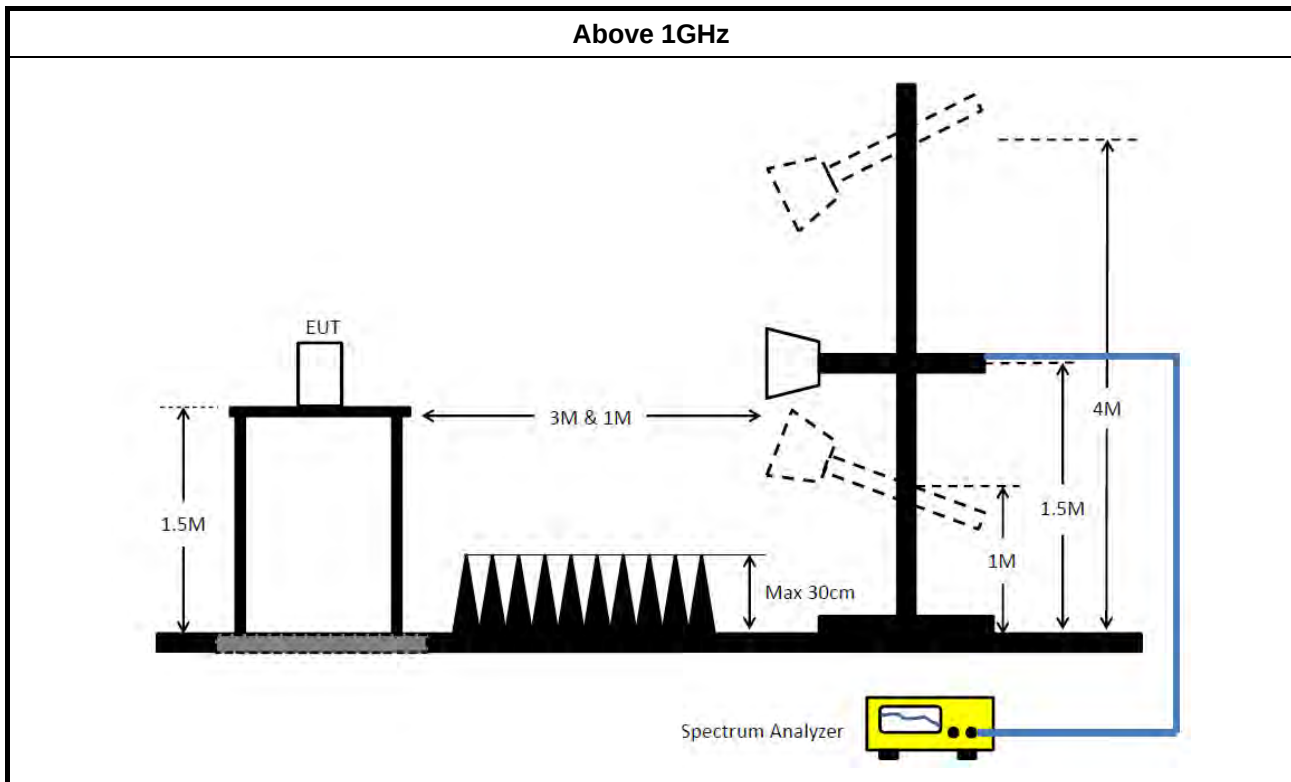
Refer a test equipment and calibration data table in this test report.

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 (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

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

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Dec. 04, 2020	Dec. 03, 2021	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Nov. 20, 2020	Nov. 19, 2021	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 03, 2021	Mar. 02, 2022	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 20, 2020	Oct. 19, 2021	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Mar. 18, 2021	Mar. 17, 2022	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 10, 2020	Aug. 09, 2021	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Aug. 02, 2020	Aug. 01, 2021	Radiation (03CH06-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH06-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 16, 2021	Mar. 15, 2022	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 05, 2020	Nov. 04, 2021	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 15, 2020	Dec. 14, 2021	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-05+24	30MHz~1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 08, 2020	Nov. 07, 2021	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Sep. 05, 2020	Sep. 04, 2021	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jul. 03, 2020	Jul. 02, 2021	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Nov. 10, 2020	Nov. 09, 2021	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 29, 2020	May 28, 2021	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2020	Nov. 05, 2021	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 07, 2021	Jan. 06, 2022	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Apr. 16, 2020	Apr. 15, 2021	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 03, 2021	May 02, 2023	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	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. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz~26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz~26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz~26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz~26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz~26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Sensor	Anritsu	MA2411B	1339408	300MHz~40GHz	Sep. 02, 2020	Sep. 01, 2021	Conducted (TH01-CB)
Power Meter	Anritsu	ML2495A	1517009	300MHz~40GHz	Sep. 02, 2020	Sep. 01, 2021	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

NCR means Non-Calibration required.



AC Power-line Conducted Emissions Result

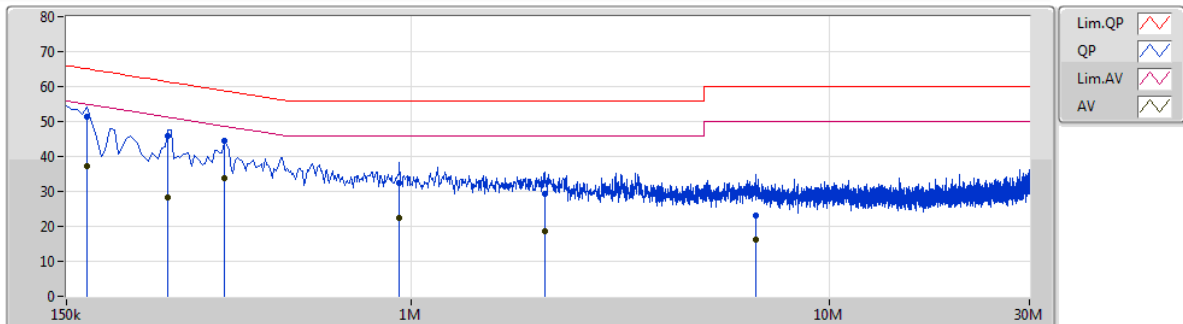
Appendix A

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	AV	361.5k	36.99	48.70	-11.71	Neutral

Mode 2

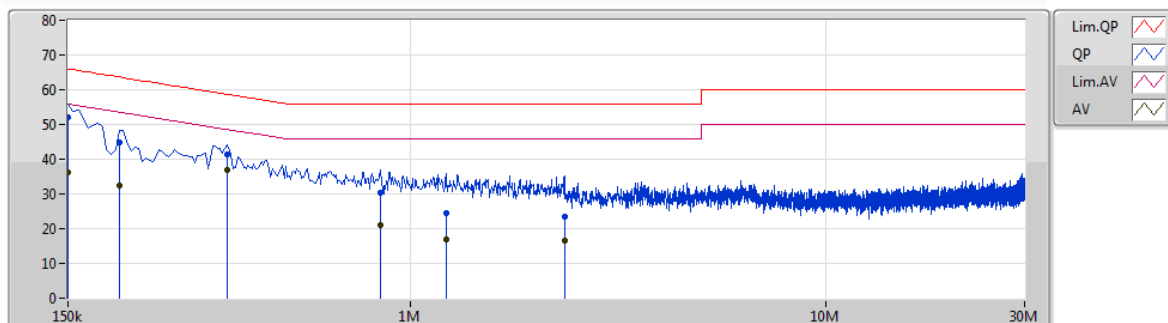
26/03/2021



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	168k	51.51	65.06	-13.55	10.29	Line	"Worst"	41.22	0.07	0.07	10.15			
AV	168k	37.07	55.06	-17.99	10.29	Line	-	26.78	0.07	0.07	10.15			
QP	262.5k	45.73	61.35	-15.62	10.28	Line	-	35.45	0.07	0.07	10.14			
AV	262.5k	28.31	51.35	-23.04	10.28	Line	-	18.03	0.07	0.07	10.14			
QP	357k	44.36	58.79	-14.43	10.26	Line	-	34.10	0.08	0.06	10.12			
AV	357k	33.63	48.79	-15.16	10.26	Line	-	23.37	0.08	0.06	10.12			
QP	937.5k	32.31	56.00	-23.69	10.27	Line	-	22.04	0.09	0.08	10.10			
AV	937.5k	22.47	46.00	-23.53	10.27	Line	-	12.20	0.09	0.08	10.10			
QP	2.081M	29.40	56.00	-26.60	10.34	Line	-	19.06	0.11	0.10	10.13			
AV	2.081M	18.72	46.00	-27.28	10.34	Line	-	8.38	0.11	0.10	10.13			
QP	6.653M	23.25	60.00	-36.75	10.50	Line	-	12.75	0.21	0.18	10.11			
AV	6.653M	16.36	50.00	-33.64	10.50	Line	-	5.86	0.21	0.18	10.11			

Mode 2

26/03/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT			
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)			

QP	150k	51.91	66.00	-14.09	10.28	Neutral	-	41.63	0.06	0.07	10.15			
AV	150k	36.11	56.00	-19.89	10.28	Neutral	-	25.83	0.06	0.07	10.15			
QP	199.5k	44.87	63.63	-18.76	10.29	Neutral	-	34.58	0.06	0.07	10.16			
AV	199.5k	32.36	53.63	-21.27	10.29	Neutral	-	22.07	0.06	0.07	10.16			
QP	361.5k	41.43	58.70	-17.27	10.24	Neutral	-	31.19	0.06	0.06	10.12			
AV	361.5k	36.99	48.70	-11.71	10.24	Neutral	"Worst"	26.75	0.06	0.06	10.12			
QP	847.5k	30.27	56.00	-25.73	10.26	Neutral	-	20.01	0.08	0.08	10.10			
AV	847.5k	21.15	46.00	-24.85	10.26	Neutral	-	10.89	0.08	0.08	10.10			
QP	1.217M	24.42	56.00	-31.58	10.28	Neutral	-	14.14	0.08	0.09	10.11			
AV	1.217M	16.95	46.00	-29.05	10.28	Neutral	-	6.67	0.08	0.09	10.11			
QP	2.346M	23.52	56.00	-32.48	10.33	Neutral	-	13.19	0.10	0.11	10.12			
AV	2.346M	16.44	46.00	-29.56	10.33	Neutral	-	6.11	0.10	0.11	10.12			

**For 4T1S:
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	21.45M	16.612M	16M6D1D	19.59M	16.522M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	24.48M	19.13M	19M1D1D	21.18M	19.01M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	60M	37.841M	37M8D1D	39.96M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	84.72M	77.361M	77M4D1D	81.24M	76.882M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.35M	16.792M	16M8D1D	16.32M	16.612M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.02M	19.22M	19M2D1D	18.93M	19.1M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.74M	38.081M	38M1D1D	34.98M	37.841M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	75.12M	77.121M	77M1D1D	73.68M	76.882M

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

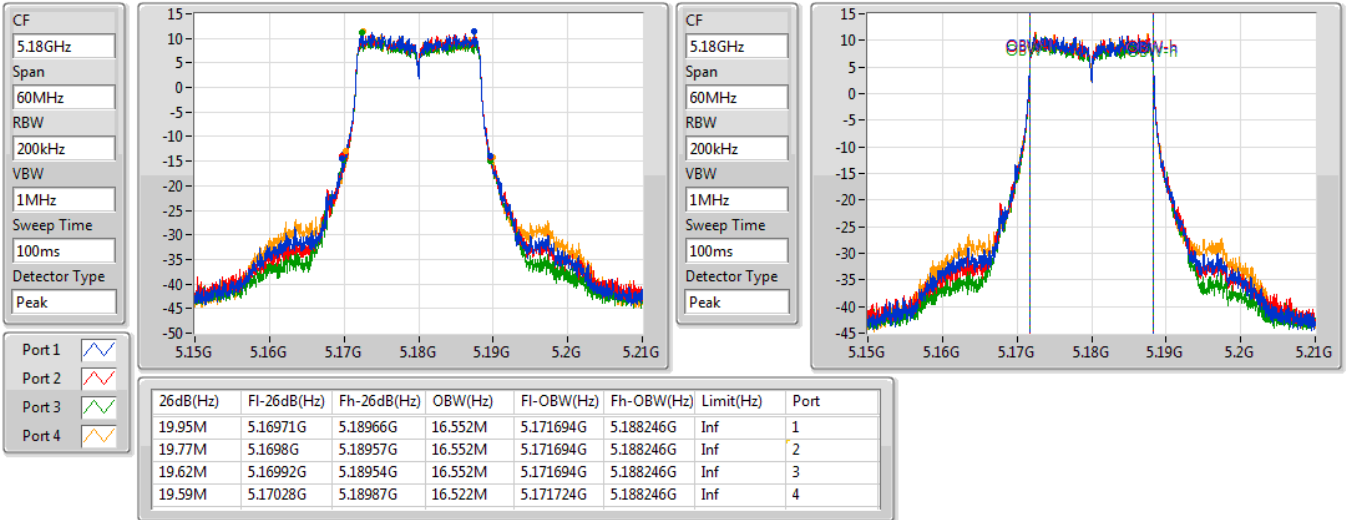
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	19.95M	16.552M	19.77M	16.552M	19.62M	16.552M	19.59M	16.522M
5200MHz	Pass	Inf	20.85M	16.582M	20.79M	16.612M	21.45M	16.582M	20.52M	16.552M
5240MHz	Pass	Inf	20.58M	16.552M	20.73M	16.582M	20.58M	16.582M	20.37M	16.552M
5745MHz	Pass	500k	16.35M	16.612M	16.35M	16.642M	16.32M	16.642M	16.35M	16.672M
5785MHz	Pass	500k	16.35M	16.612M	16.35M	16.672M	16.35M	16.732M	16.35M	16.642M
5825MHz	Pass	500k	16.32M	16.642M	16.32M	16.672M	16.35M	16.732M	16.35M	16.792M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.42M	19.07M	21.18M	19.01M	21.9M	19.07M	21.45M	19.04M
5200MHz	Pass	Inf	21.54M	19.04M	24.48M	19.1M	22.68M	19.13M	21.24M	19.04M
5240MHz	Pass	Inf	21.84M	19.07M	23.37M	19.07M	23.22M	19.07M	21.48M	19.07M
5745MHz	Pass	500k	18.93M	19.1M	18.99M	19.13M	19.02M	19.19M	18.93M	19.1M
5785MHz	Pass	500k	18.99M	19.1M	18.93M	19.13M	19.02M	19.13M	18.96M	19.13M
5825MHz	Pass	500k	18.93M	19.1M	19.02M	19.1M	19.02M	19.22M	18.99M	19.13M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.96M	37.721M	40.62M	37.601M	40.98M	37.721M	41.34M	37.541M
5230MHz	Pass	Inf	59.58M	37.661M	59.16M	37.841M	60M	37.781M	59.82M	37.721M
5755MHz	Pass	500k	35.94M	37.841M	37.5M	37.901M	37.68M	38.081M	35.1M	37.961M
5795MHz	Pass	500k	37.74M	37.901M	34.98M	37.901M	35.1M	38.021M	36.9M	37.901M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.48M	77.361M	84.72M	76.882M	81.36M	77.001M	81.24M	77.001M
5775MHz	Pass	500k	75.12M	77.121M	73.68M	77.121M	75.12M	76.882M	73.92M	77.001M

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

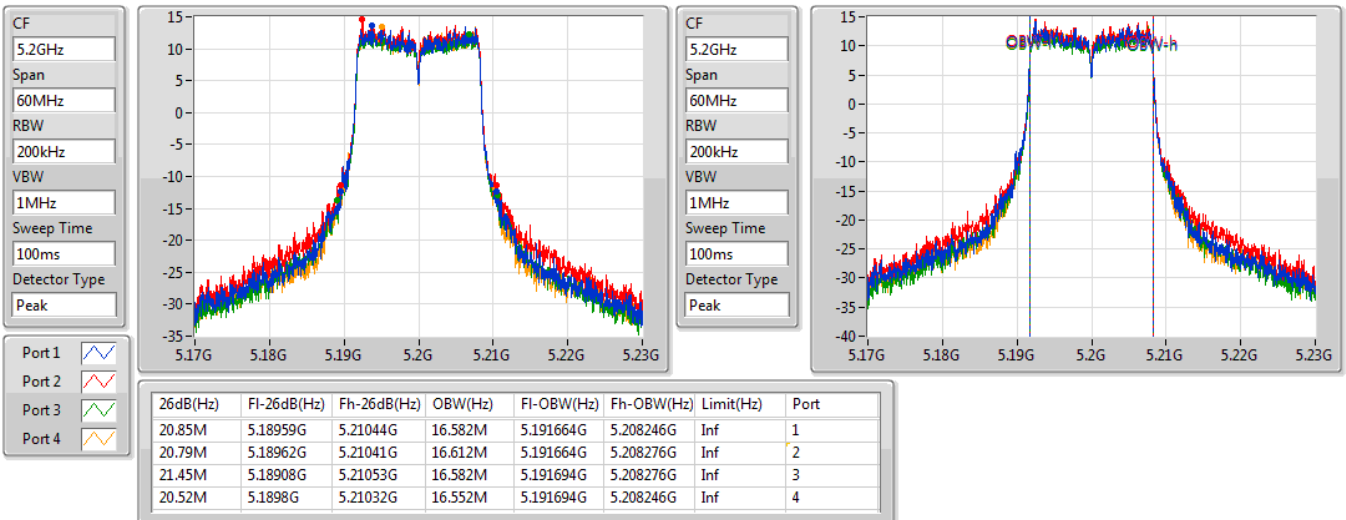
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX
EBW
5180MHz

10/03/2021

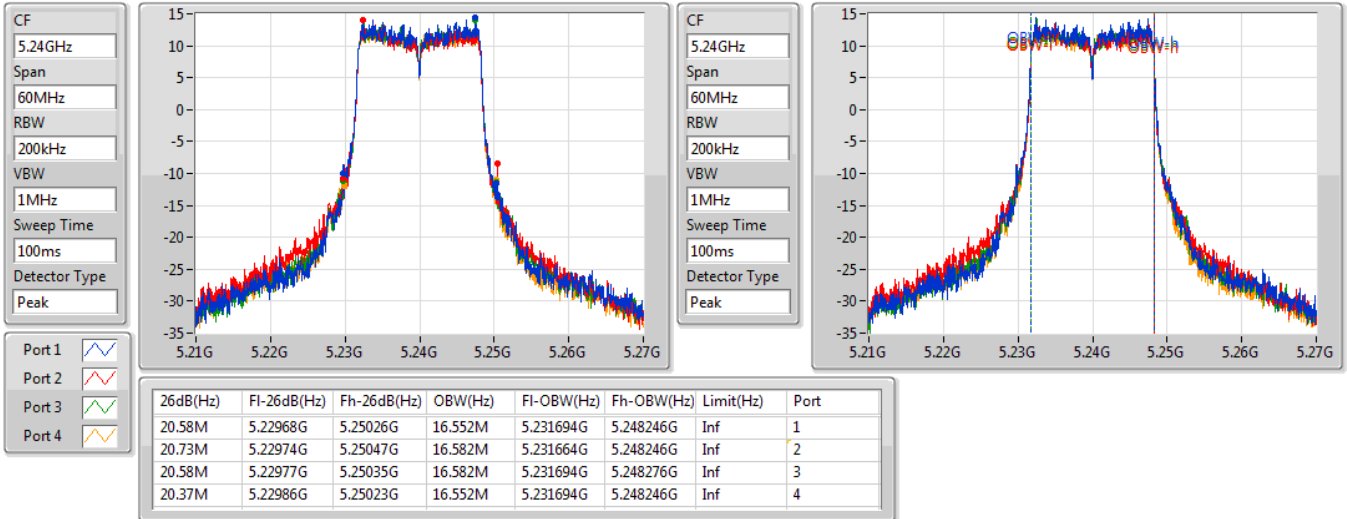

802.11a_Nss1,(6Mbps)_4TX
EBW
5200MHz

10/03/2021

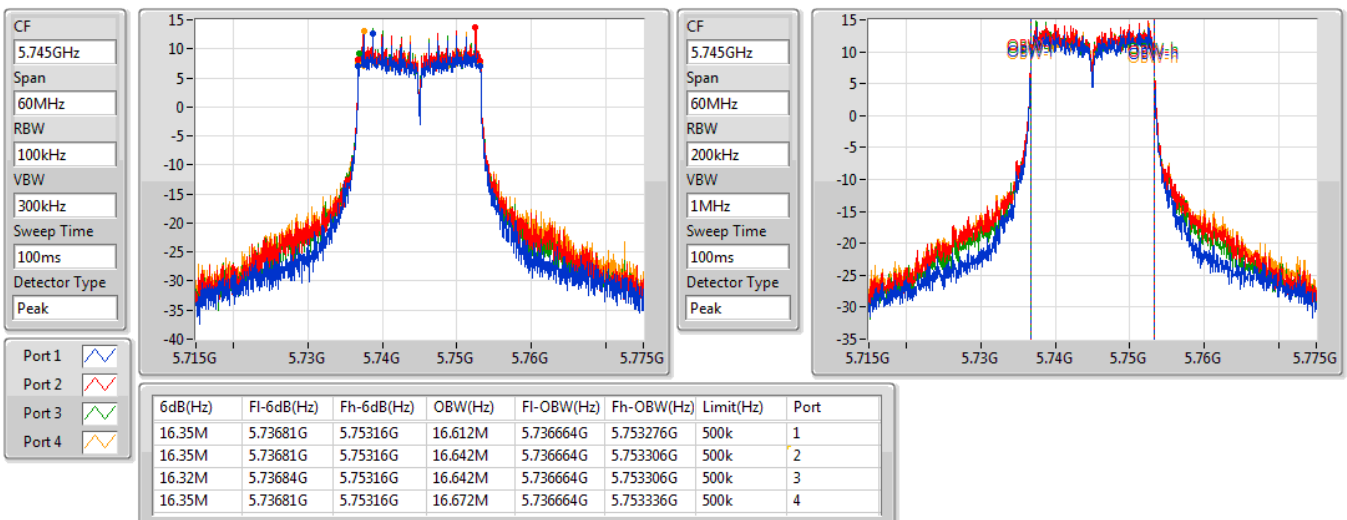


802.11a_Nss1,(6Mbps)_4TX
EBW
5240MHz

10/03/2021

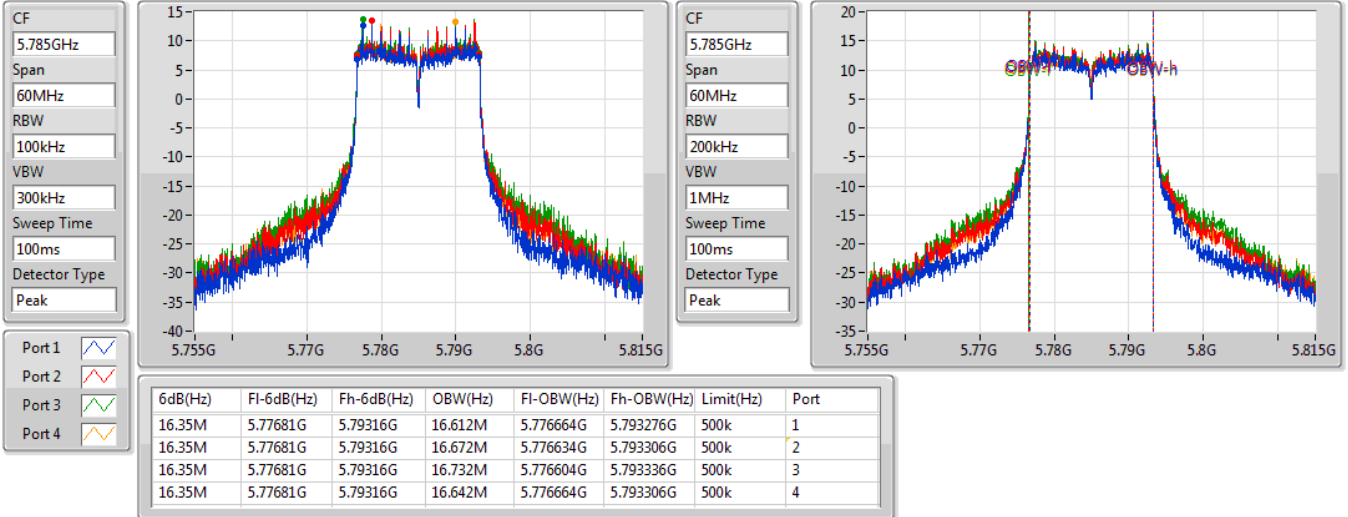

802.11a_Nss1,(6Mbps)_4TX
EBW
5745MHz

02/03/2021

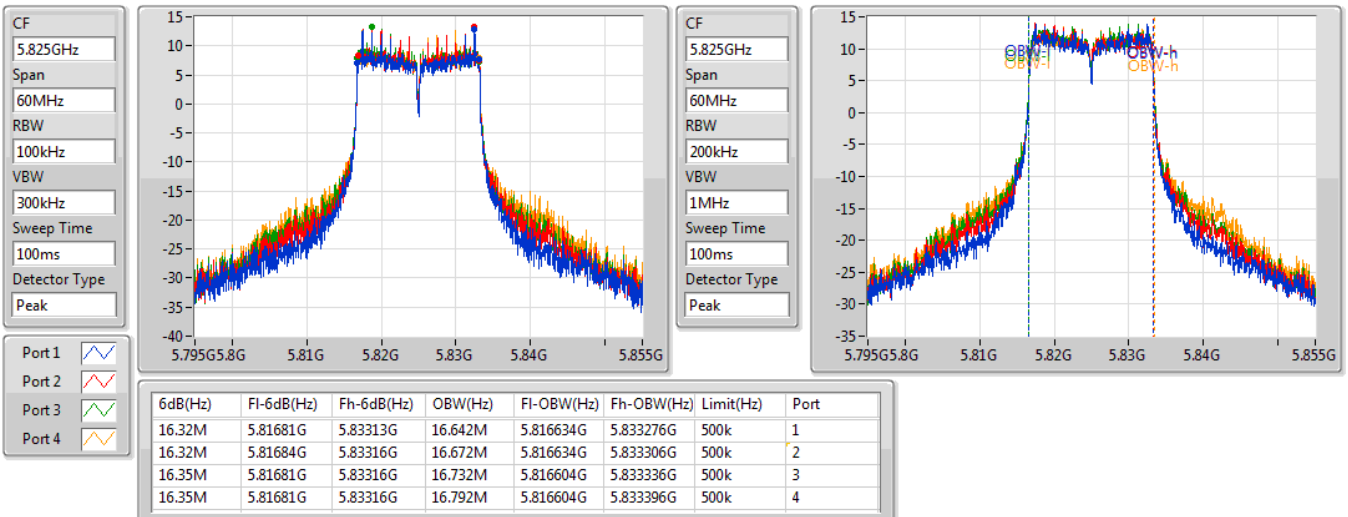


802.11a_Nss1,(6Mbps)_4TX
EBW
5785MHz

02/03/2021

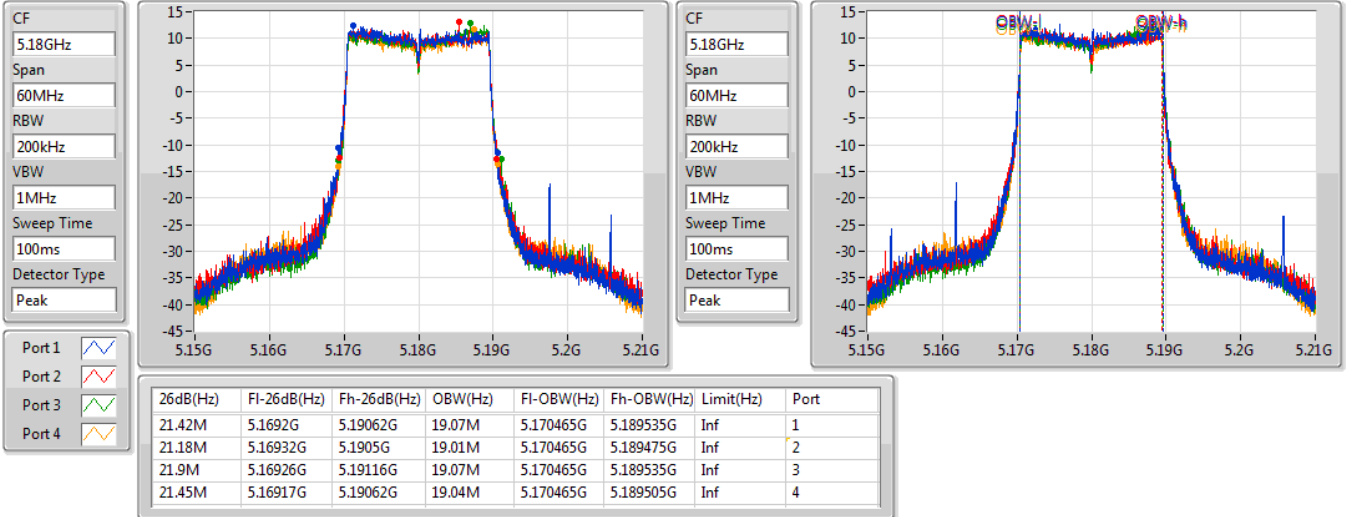

802.11a_Nss1,(6Mbps)_4TX
EBW
5825MHz

02/03/2021

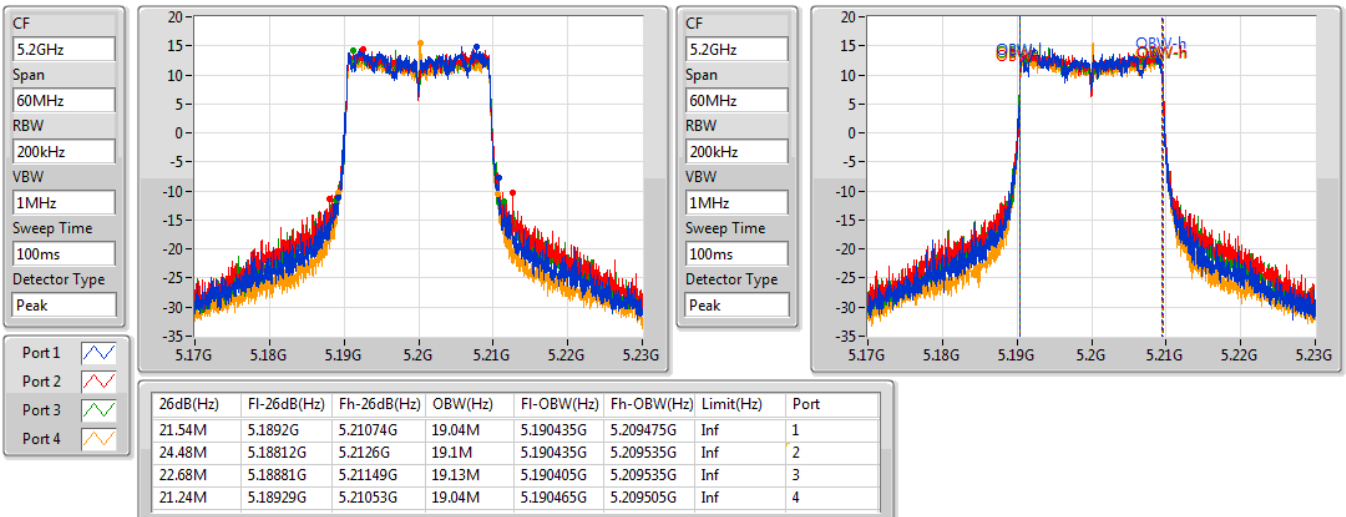


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5180MHz

10/03/2021

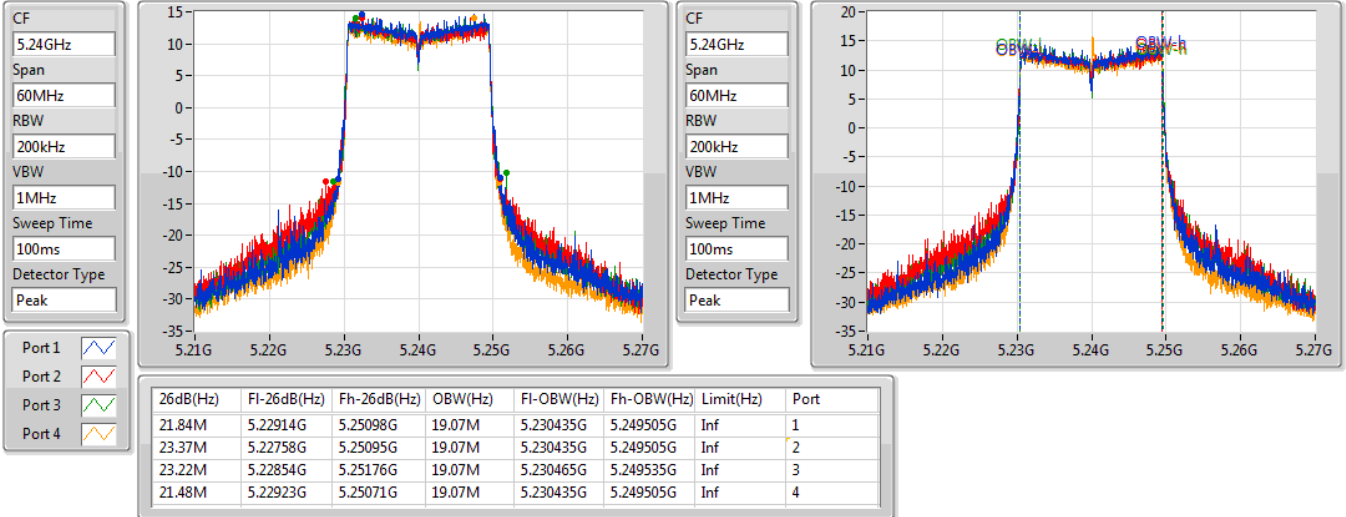

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5200MHz

10/03/2021

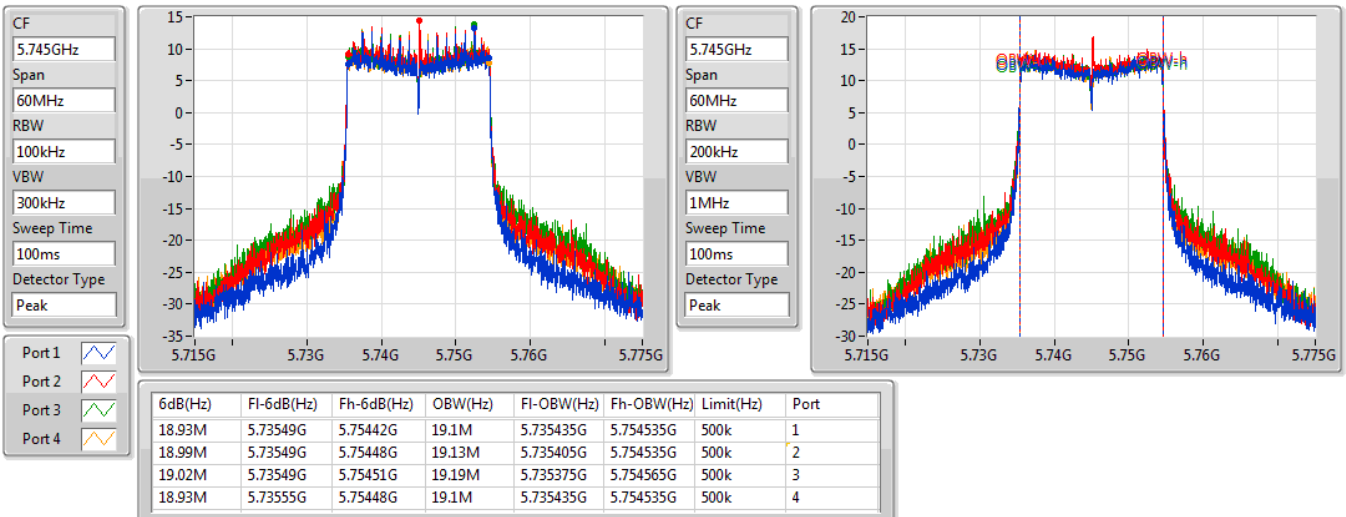


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5240MHz

10/03/2021

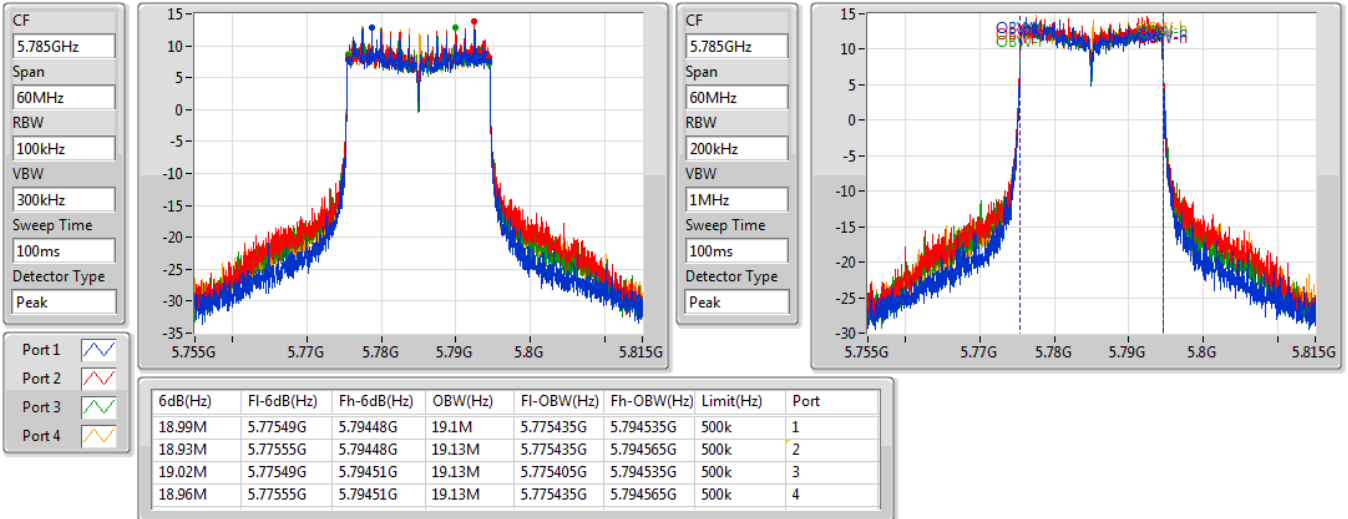

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5745MHz

10/03/2021

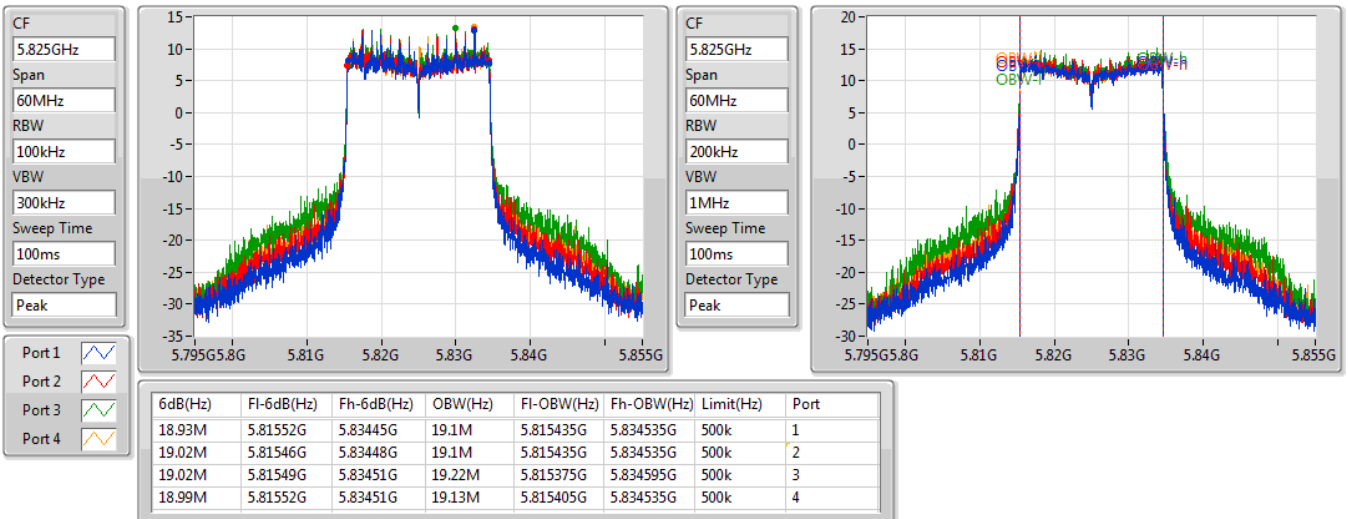


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5785MHz

10/03/2021

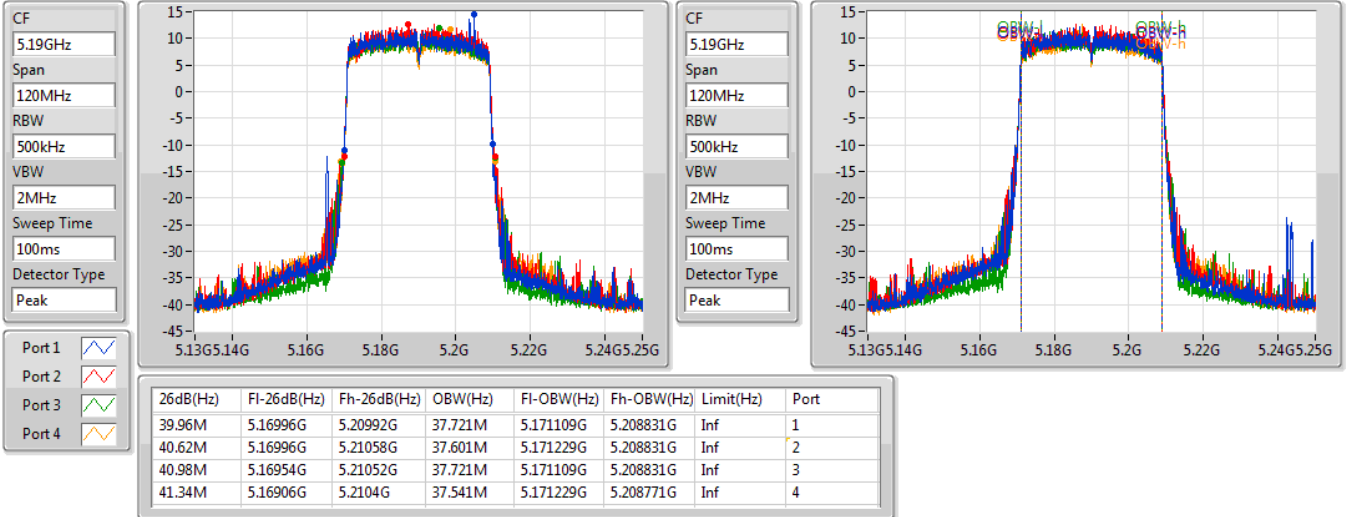

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5825MHz

10/03/2021

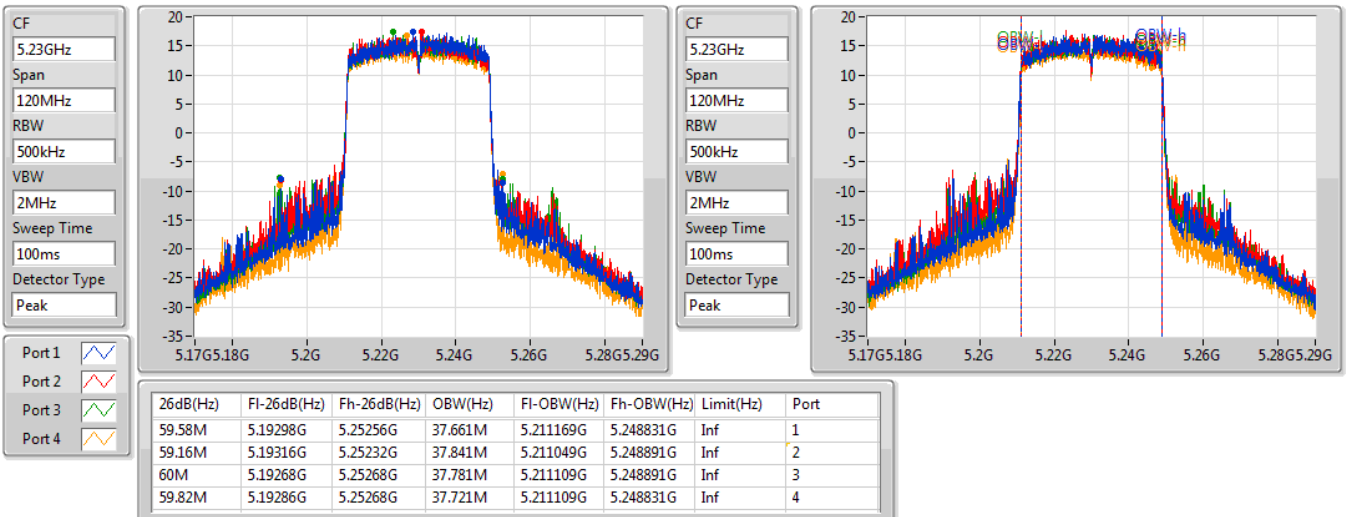


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5190MHz

02/03/2021

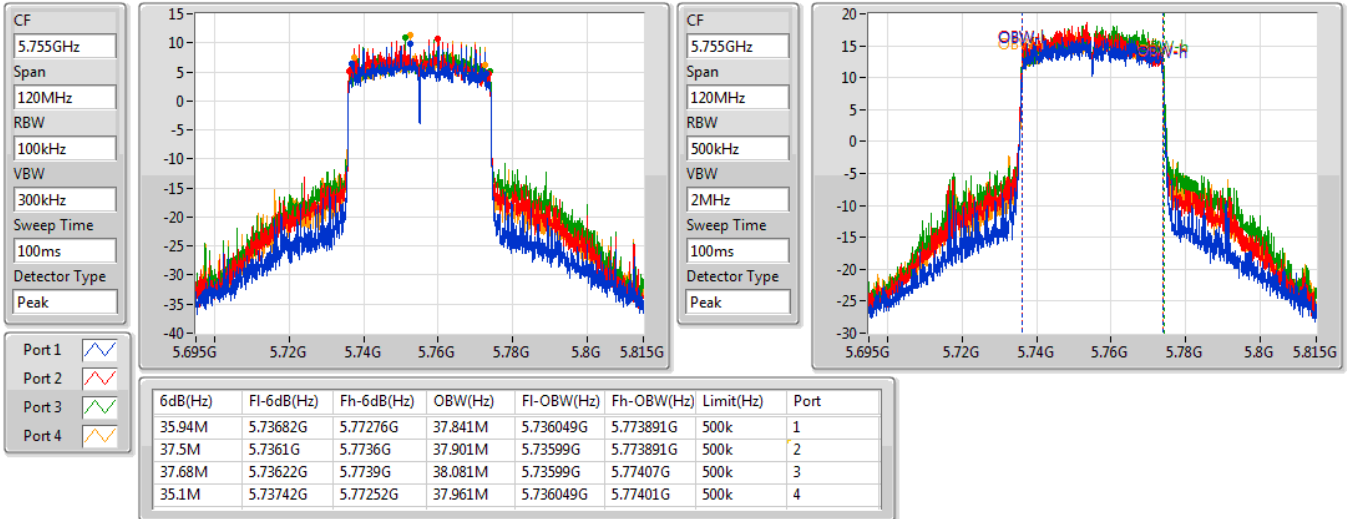

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5230MHz

10/03/2021

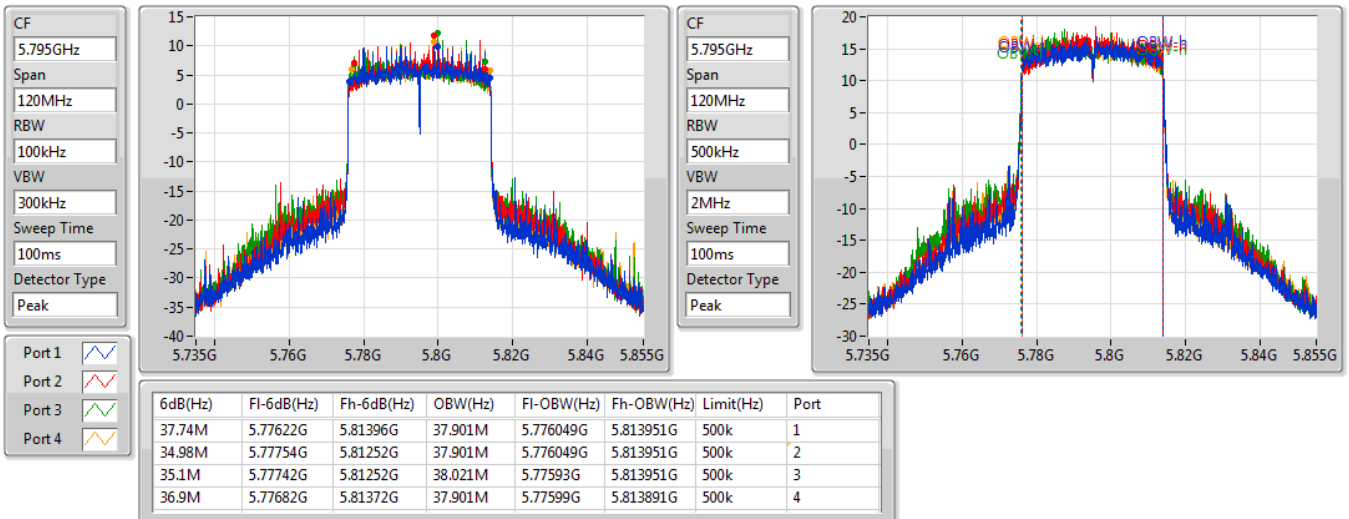


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5755MHz

10/03/2021

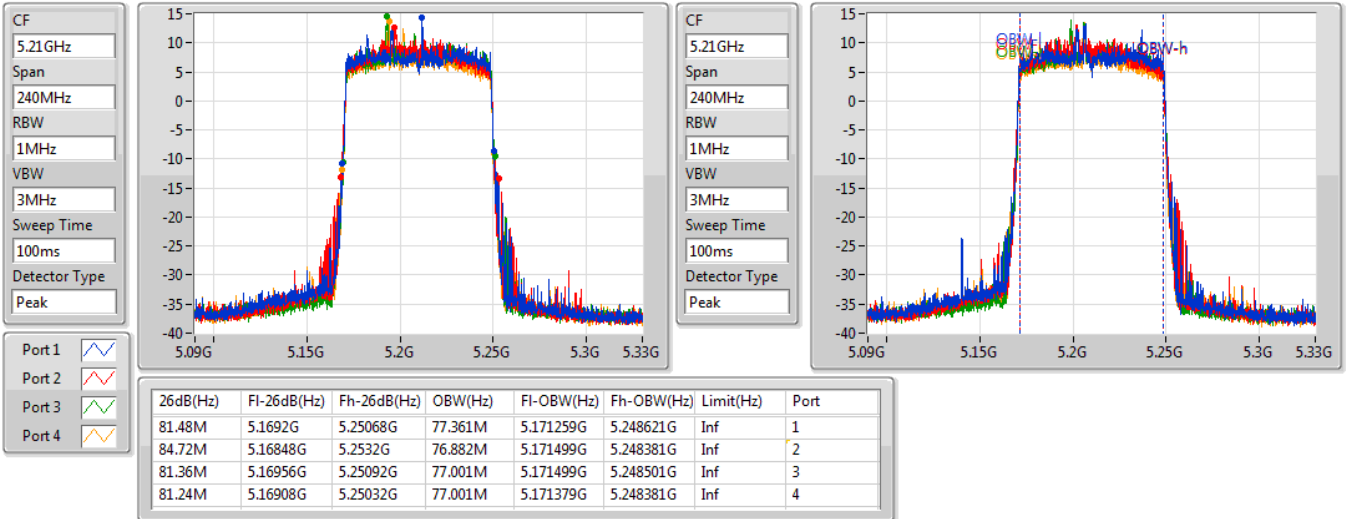

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5795MHz

10/03/2021

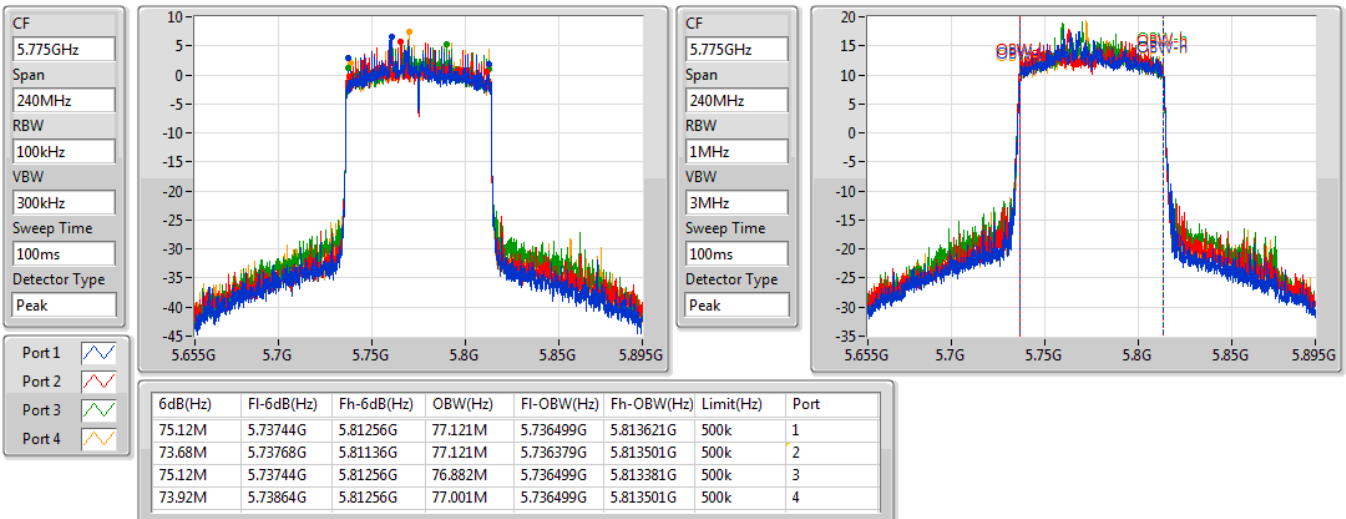


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5210MHz

02/03/2021


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

10/03/2021



**For 4T4S:
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_Nss4,(MCS0)_4TX	24.12M	19.1M	19M1D1D	20.82M	18.981M
802.11ax HEW40_Nss4,(MCS0)_4TX	40.8M	37.781M	37M8D1D	40.14M	37.541M
802.11ax HEW80_Nss4,(MCS0)_4TX	82.32M	77.601M	77M6D1D	81.36M	76.882M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	19.11M	19.16M	19M2D1D	18.9M	19.04M
802.11ax HEW40_Nss4,(MCS0)_4TX	37.68M	37.781M	37M8D1D	36.12M	37.661M
802.11ax HEW80_Nss4,(MCS0)_4TX	78M	77.361M	77M4D1D	75.72M	76.882M

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

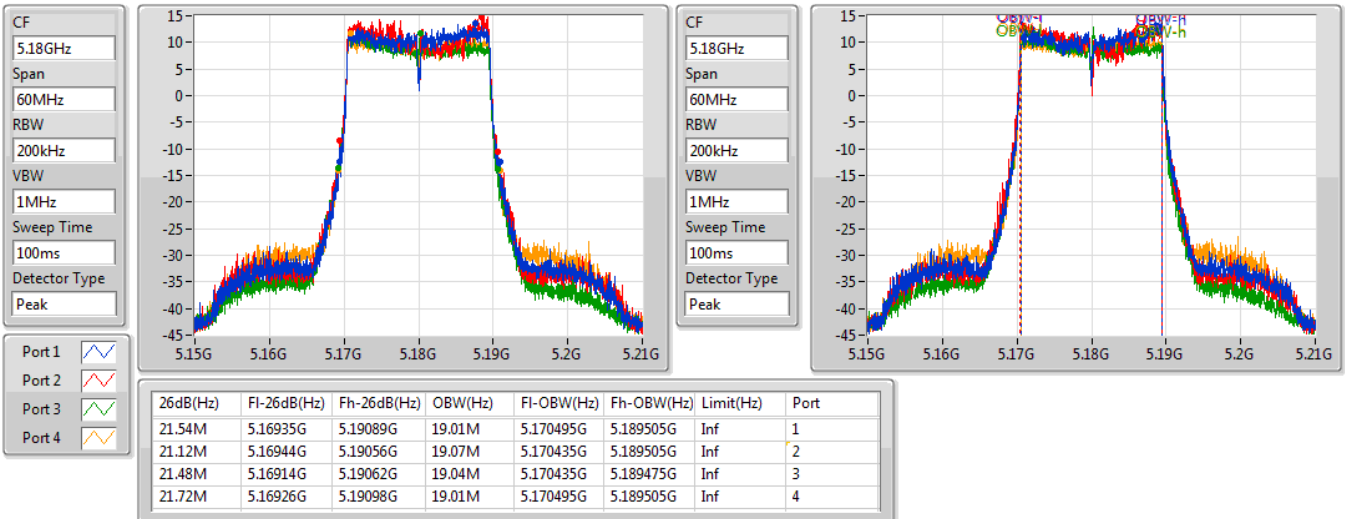
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.54M	19.01M	21.12M	19.07M	21.48M	19.04M	21.72M	19.01M
5200MHz	Pass	Inf	22.71M	19.1M	24.12M	19.1M	22.29M	19.07M	21.57M	19.04M
5240MHz	Pass	Inf	21.48M	18.981M	21.09M	19.07M	21.96M	19.04M	20.82M	19.04M
5745MHz	Pass	500k	18.99M	19.07M	19.02M	19.1M	19.02M	19.07M	19.05M	19.07M
5785MHz	Pass	500k	19.02M	19.1M	19.02M	19.16M	19.02M	19.16M	19.05M	19.1M
5825MHz	Pass	500k	19.02M	19.04M	18.9M	19.04M	19.02M	19.1M	19.11M	19.13M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.2M	37.601M	40.14M	37.541M	40.62M	37.601M	40.5M	37.601M
5230MHz	Pass	Inf	40.8M	37.781M	40.68M	37.721M	40.44M	37.721M	40.32M	37.721M
5755MHz	Pass	500k	36.12M	37.661M	36.9M	37.721M	36.84M	37.721M	37.56M	37.781M
5795MHz	Pass	500k	37.26M	37.721M	36.36M	37.661M	37.14M	37.781M	37.68M	37.661M
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.32M	77.601M	81.84M	77.361M	81.36M	76.882M	81.36M	76.882M
5775MHz	Pass	500k	77.04M	77.361M	75.72M	76.882M	78M	77.361M	76.68M	77.121M

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

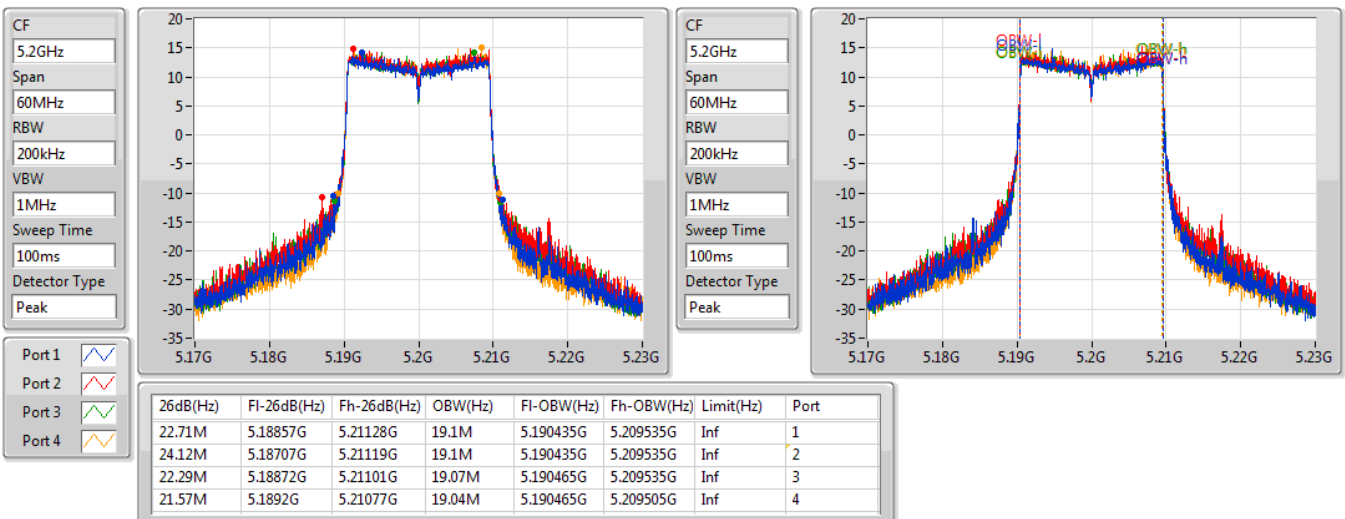
Port X-OBW = Port X 99% occupied bandwidth;

802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5180MHz

09/03/2021

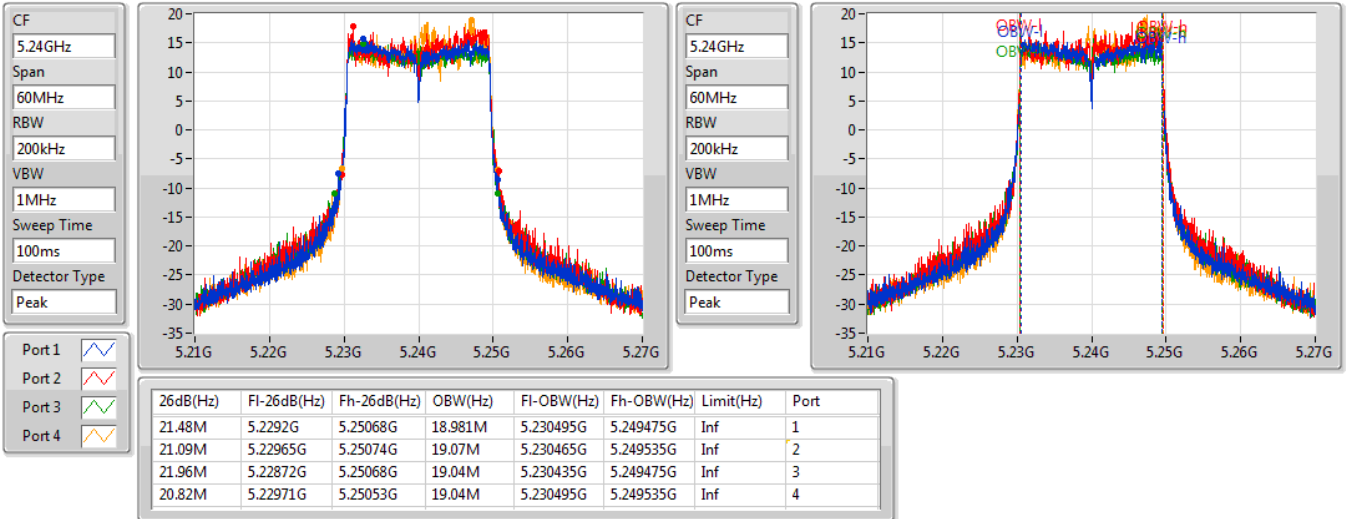

802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5200MHz

09/03/2021

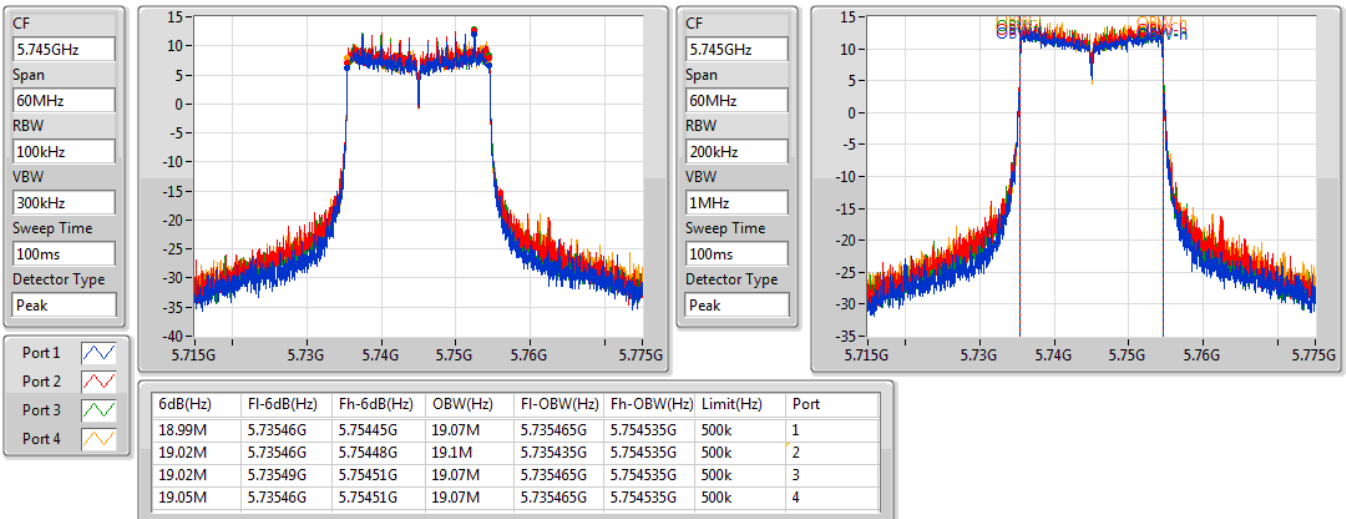


802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5240MHz

09/03/2021

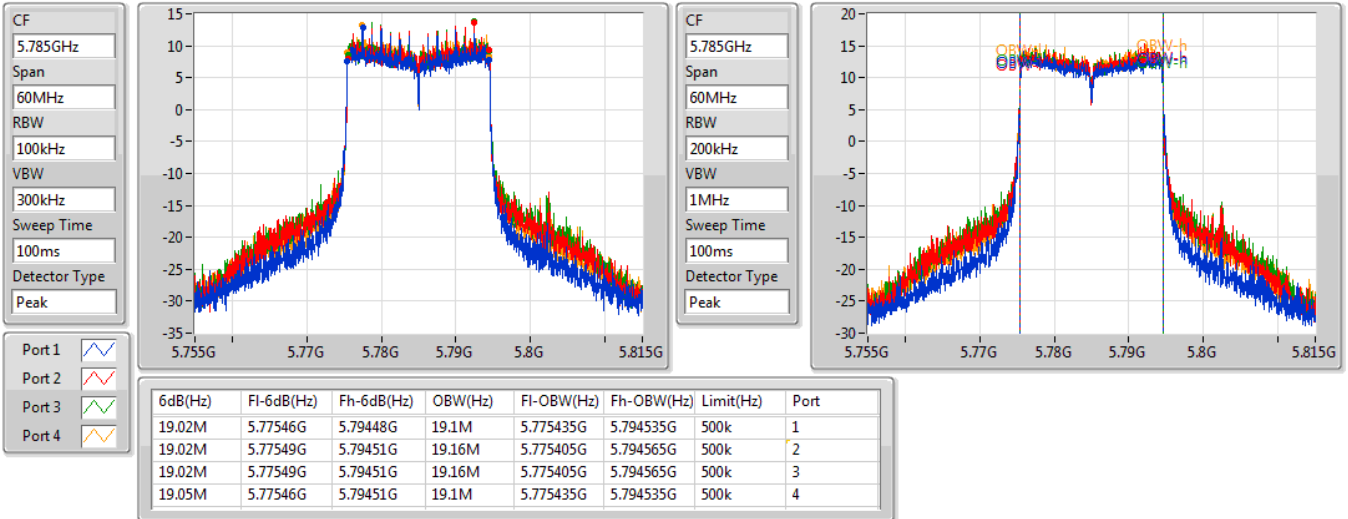

802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5745MHz

09/03/2021

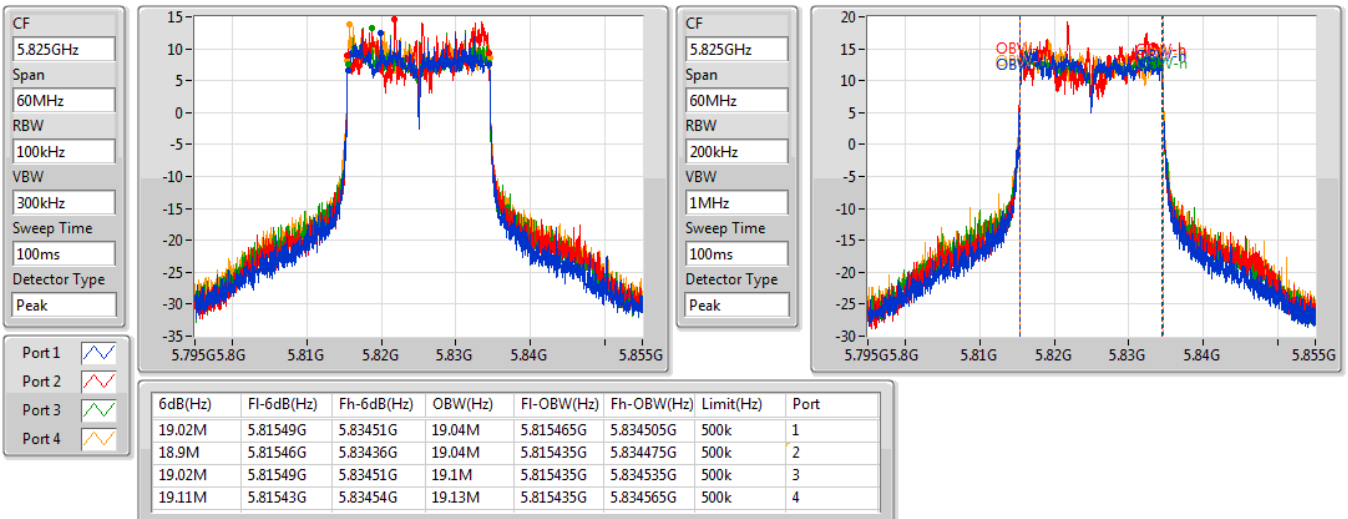


802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5785MHz

09/03/2021

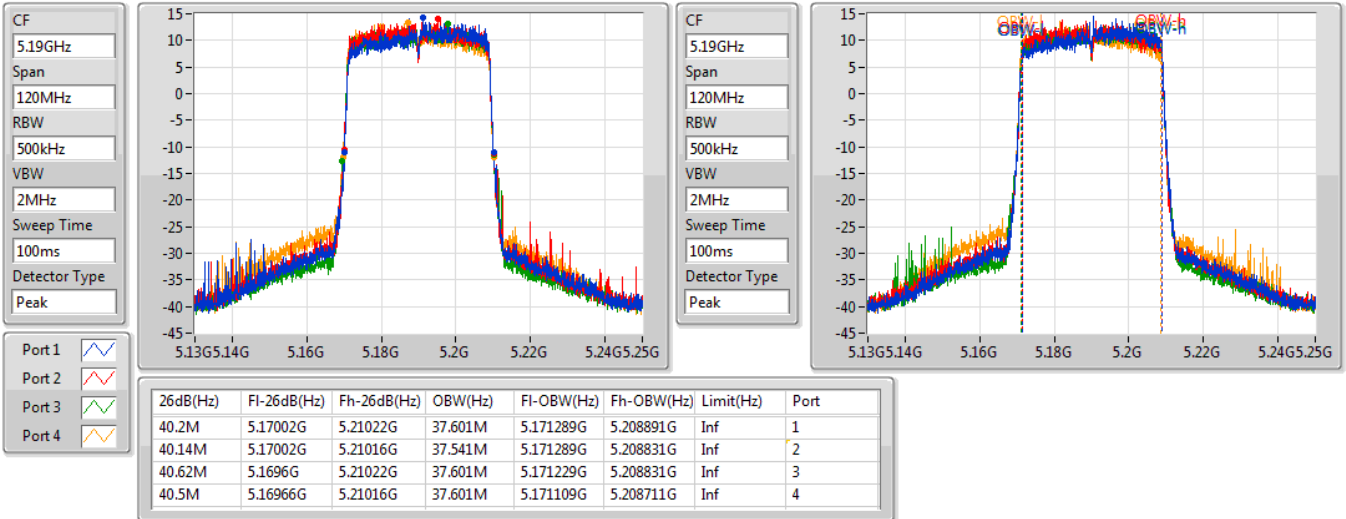

802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5825MHz

09/03/2021

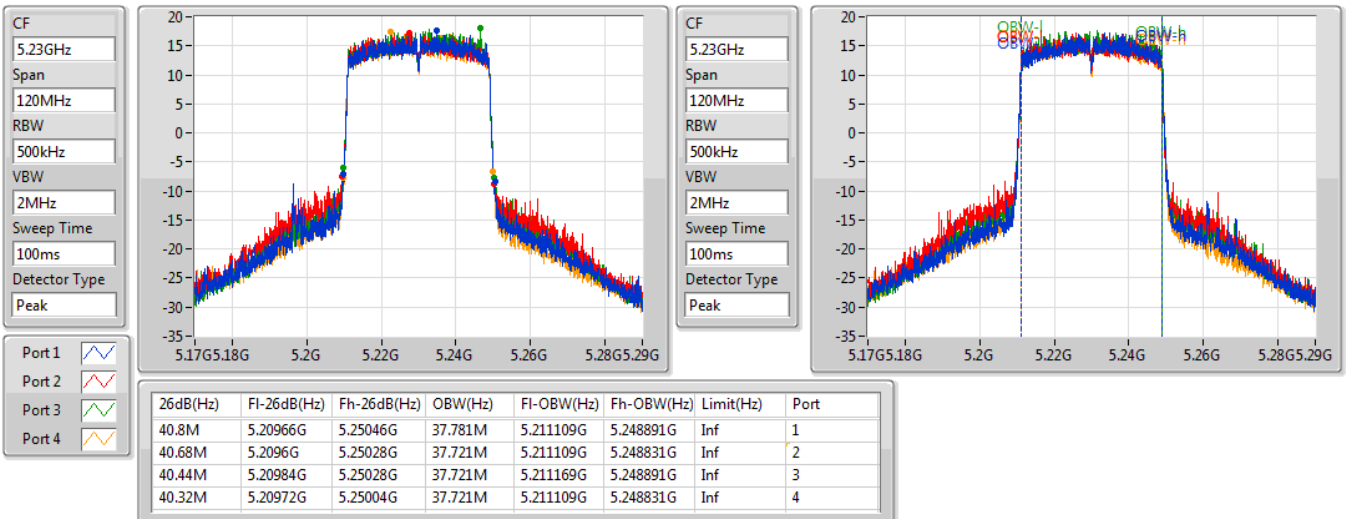


802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5190MHz

09/03/2021

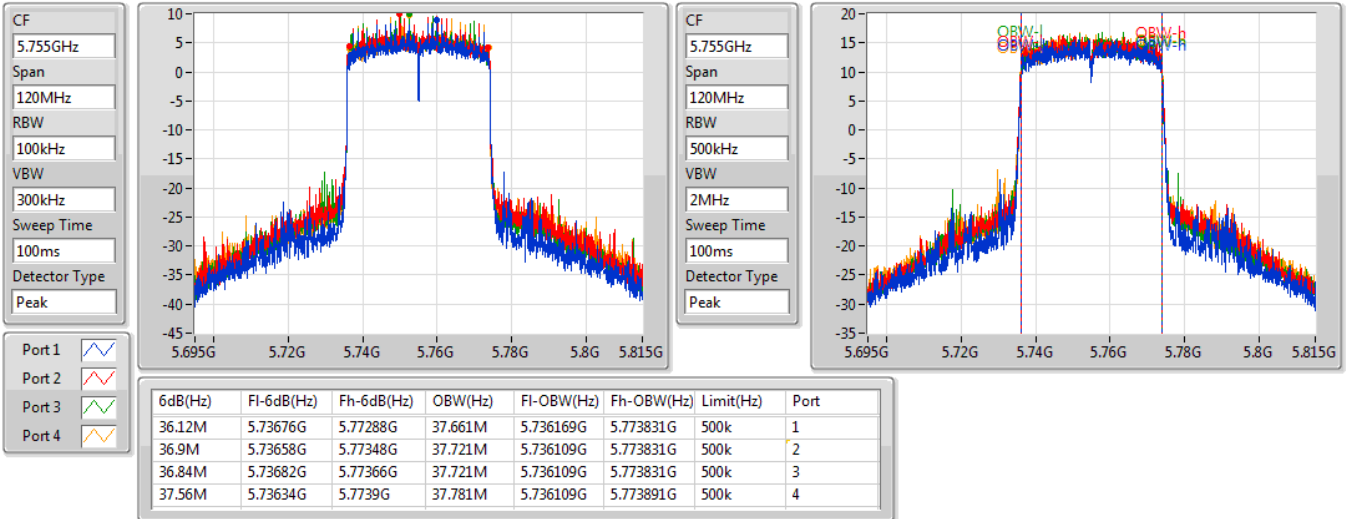

802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5230MHz

09/03/2021

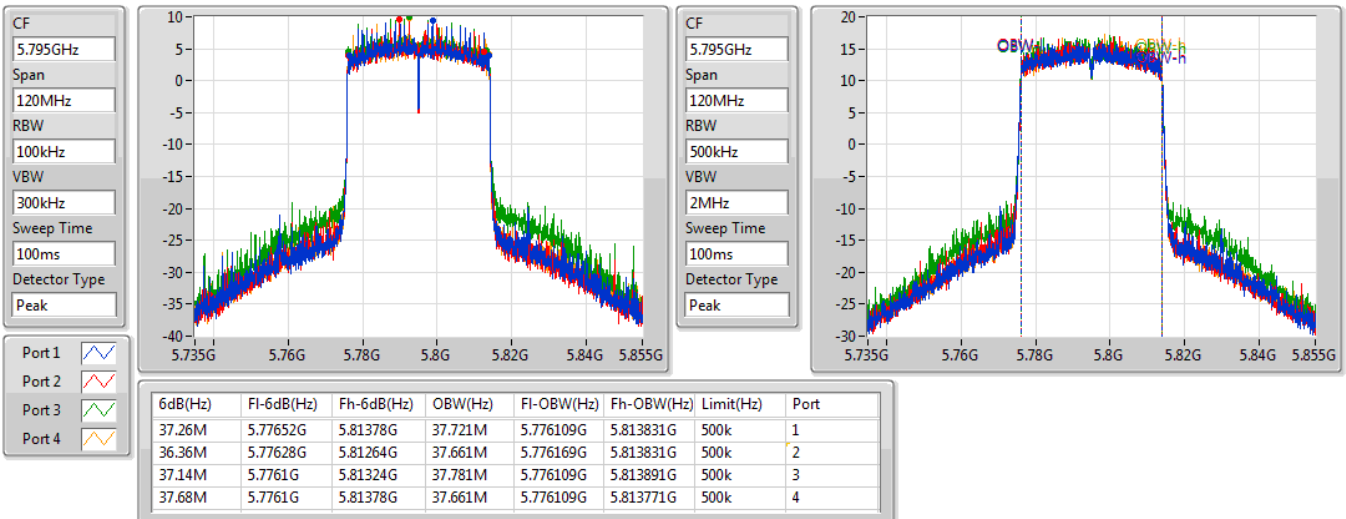


802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5755MHz

09/03/2021

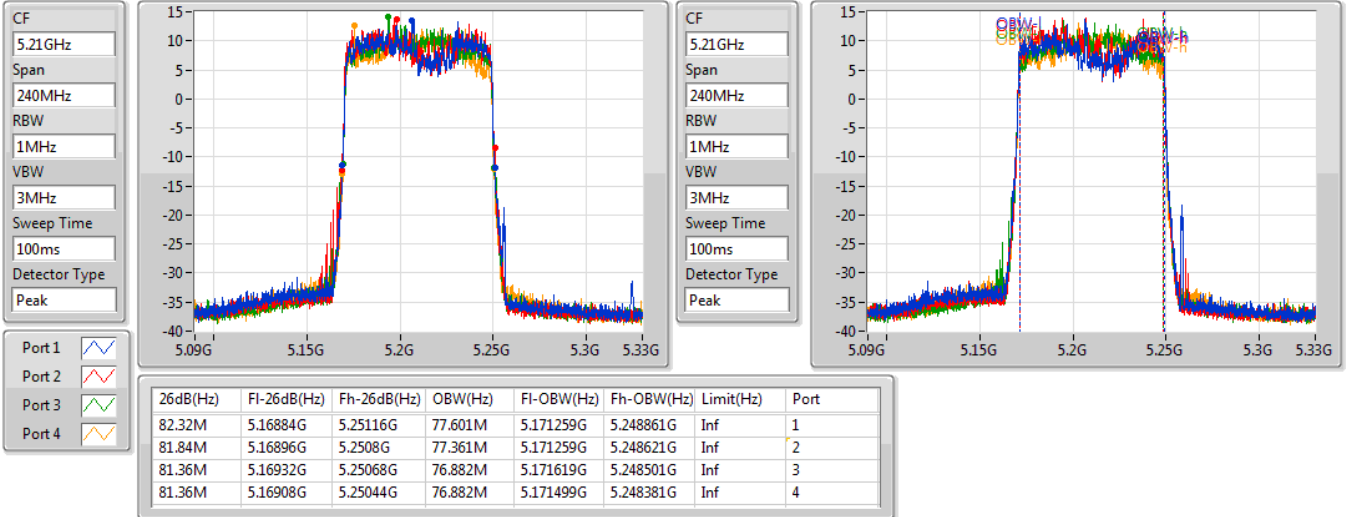

802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5795MHz

09/03/2021

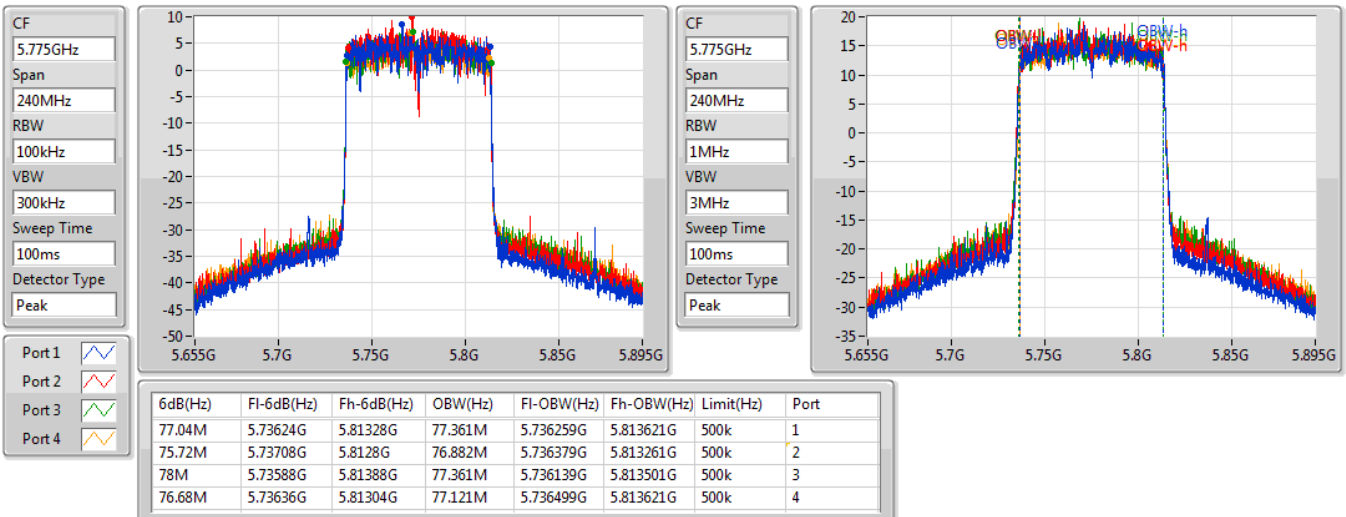


802.11ax HEW80_Nss4,(MCS0)_4TX
EBW
5210MHz

09/03/2021


802.11ax HEW80_Nss4,(MCS0)_4TX
EBW
5775MHz

09/03/2021





**For 4T1S:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.25	0.84140
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.67	0.92683
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.68	0.92897
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.51	0.17824
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.61	0.91411
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.96	0.99083
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.98	0.99541
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	28.02	0.63387

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	4.90	20.86	20.93	20.34	20.89	26.78	30.00
5200MHz	Pass	4.90	23.06	23.44	23.21	23.18	29.25	30.00
5240MHz	Pass	4.90	23.47	22.84	23.15	22.98	29.14	30.00
5745MHz	Pass	4.60	23.08	23.99	23.60	23.64	29.61	30.00
5785MHz	Pass	4.60	22.95	23.57	23.72	23.52	29.47	30.00
5825MHz	Pass	4.60	23.20	23.60	23.91	23.59	29.60	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.48	22.09	21.49	21.85	21.41	27.74	30.00
5200MHz	Pass	5.48	23.52	24.11	23.65	23.28	29.67	30.00
5240MHz	Pass	5.48	23.56	23.51	23.15	23.08	29.35	30.00
5745MHz	Pass	5.50	23.51	24.10	24.05	24.08	29.96	30.00
5785MHz	Pass	5.50	23.41	23.76	23.46	23.66	29.60	30.00
5825MHz	Pass	5.50	23.52	23.66	24.03	23.95	29.82	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.48	18.24	18.69	18.07	18.01	24.28	30.00
5230MHz	Pass	5.48	23.53	23.55	23.69	23.86	29.68	30.00
5755MHz	Pass	5.50	23.61	24.34	24.02	23.83	29.98	30.00
5795MHz	Pass	5.50	23.91	23.76	24.14	23.88	29.95	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.48	16.40	16.79	16.70	16.01	22.51	30.00
5775MHz	Pass	5.50	21.65	21.93	22.55	21.80	28.02	30.00

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

**For 4T4S:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	29.65	0.92257
802.11ax HEW40_Nss4,(MCS0)_4TX	29.85	0.96605
802.11ax HEW80_Nss4,(MCS0)_4TX	22.62	0.18281
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	29.98	0.99541
802.11ax HEW40_Nss4,(MCS0)_4TX	29.53	0.89743
802.11ax HEW80_Nss4,(MCS0)_4TX	28.31	0.67764

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_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.58	21.05	20.48	20.83	20.69	26.79	30.00
5200MHz	Pass	1.58	23.35	23.93	23.74	23.48	29.65	30.00
5240MHz	Pass	1.58	23.82	23.25	23.84	23.39	29.60	30.00
5745MHz	Pass	2.03	23.11	23.73	23.49	23.62	29.51	30.00
5785MHz	Pass	2.03	23.56	24.09	24.15	24.03	29.98	30.00
5825MHz	Pass	2.03	24.01	23.84	24.23	23.70	29.97	30.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	1.58	19.68	20.10	19.55	20.04	25.87	30.00
5230MHz	Pass	1.58	23.85	23.81	24.09	23.53	29.85	30.00
5755MHz	Pass	2.03	23.04	23.69	23.66	23.57	29.52	30.00
5795MHz	Pass	2.03	23.23	23.47	23.78	23.55	29.53	30.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	1.58	16.47	16.34	16.91	16.64	22.62	30.00
5775MHz	Pass	2.03	22.04	22.37	22.58	22.13	28.31	30.00

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

**For 4T1S:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	16.95
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.89
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	13.90
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.74
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.95
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.46
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	12.91
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	7.92

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	5.48	8.71	8.62	8.29	8.60	14.50	17.00
5200MHz	Pass	5.48	10.87	11.25	10.47	11.17	16.91	17.00
5240MHz	Pass	5.48	11.41	10.92	10.96	10.92	16.95	17.00
5745MHz	Pass	5.50	9.53	10.35	10.39	9.97	15.94	30.00
5785MHz	Pass	5.50	9.53	10.12	10.50	9.96	15.95	30.00
5825MHz	Pass	5.50	9.32	9.64	10.19	9.56	15.59	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.48	9.57	9.29	9.42	8.50	14.85	17.00
5200MHz	Pass	5.48	11.52	11.38	11.06	10.56	16.89	17.00
5240MHz	Pass	5.48	11.17	11.05	11.18	10.49	16.67	17.00
5745MHz	Pass	5.50	9.18	9.86	9.98	9.51	15.46	30.00
5785MHz	Pass	5.50	9.55	9.55	9.51	9.57	15.35	30.00
5825MHz	Pass	5.50	9.06	9.44	10.02	9.21	15.17	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.48	2.90	3.57	2.69	2.14	8.59	17.00
5230MHz	Pass	5.48	8.43	8.20	8.16	7.45	13.90	17.00
5755MHz	Pass	5.50	6.37	7.97	7.76	7.14	12.91	30.00
5795MHz	Pass	5.50	6.49	7.35	7.13	6.71	12.72	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.48	-2.30	-1.07	-2.03	-2.79	3.74	17.00
5775MHz	Pass	5.50	2.07	1.76	2.90	1.81	7.92	30.00

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

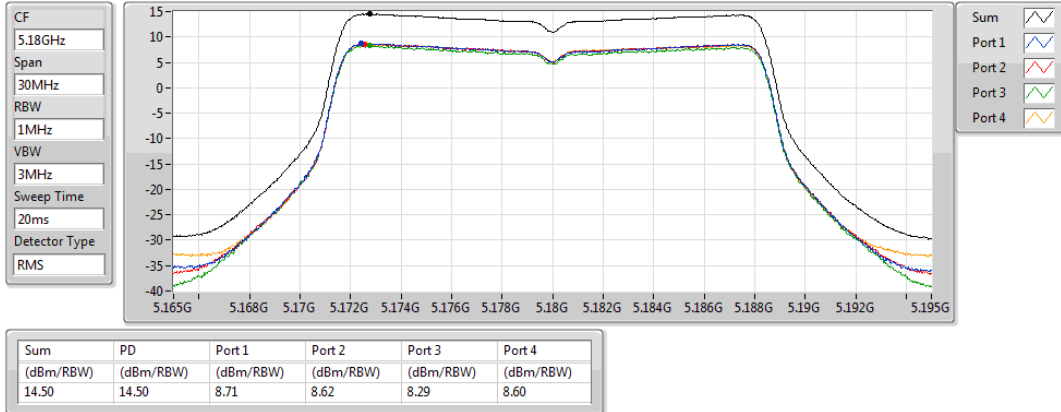
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

10/03/2021

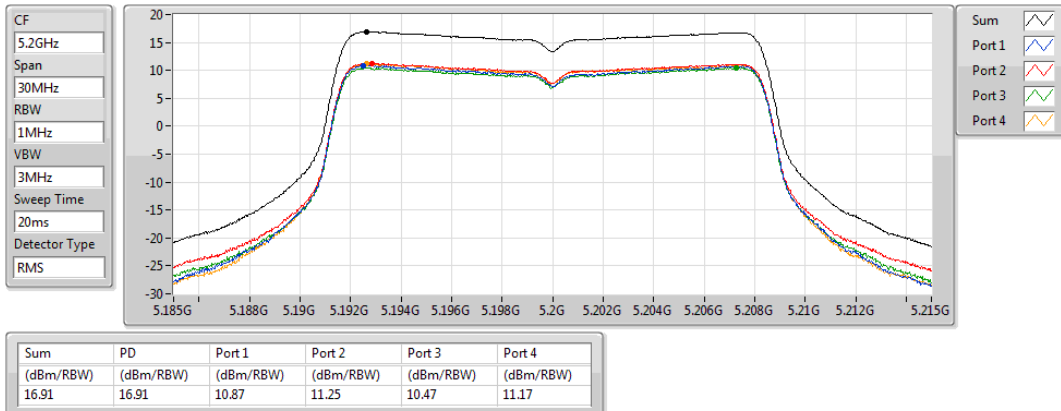


802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

10/03/2021

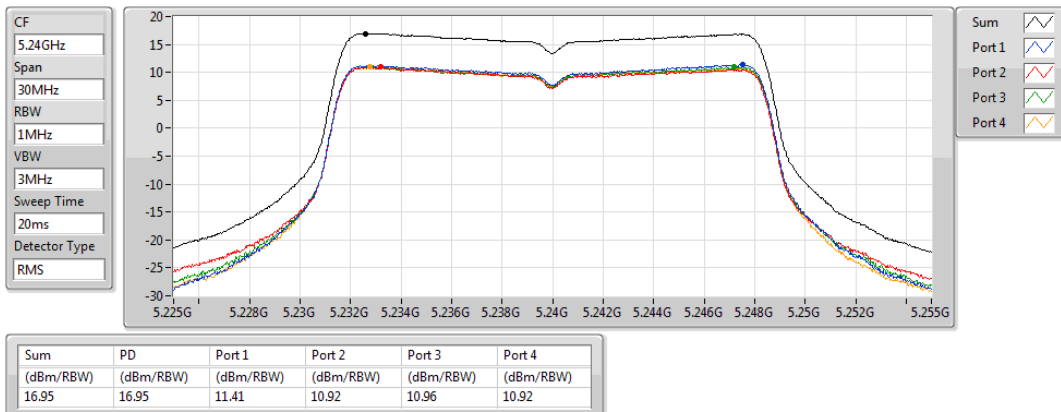


802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

10/03/2021

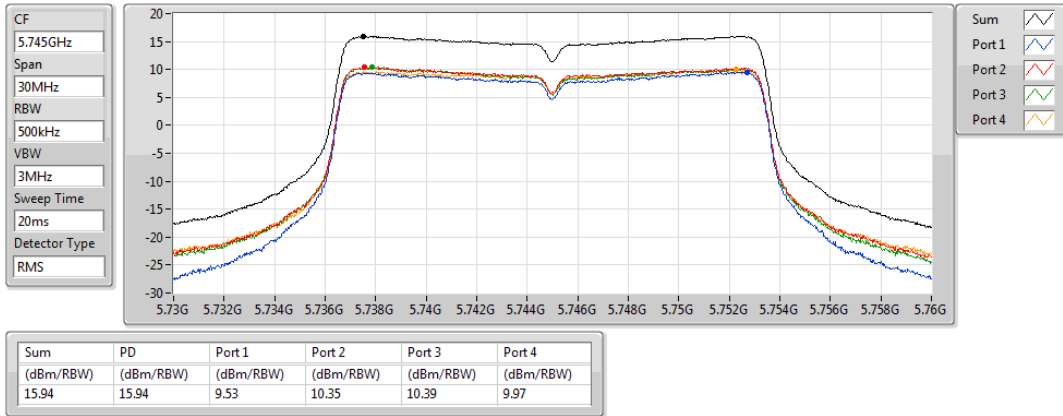


802.11a_Nss1,(6Mbps)_4TX

5745MHz

PSD

02/03/2021

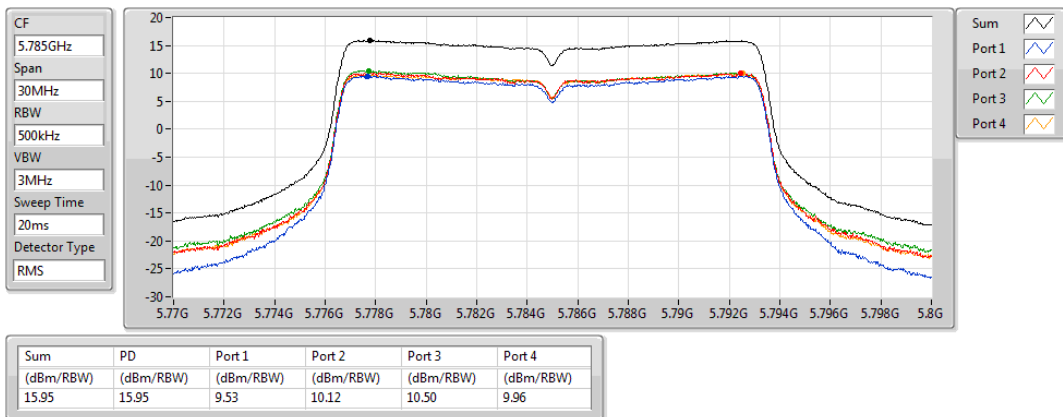


802.11a_Nss1,(6Mbps)_4TX

5785MHz

PSD

02/03/2021

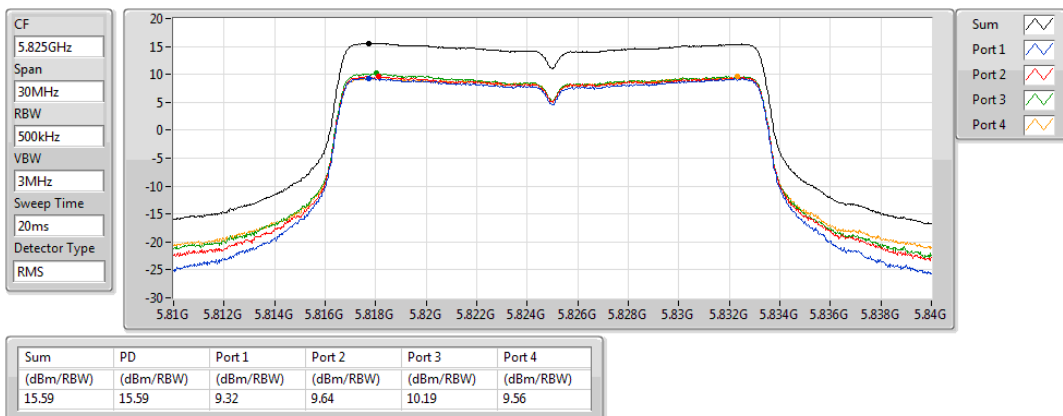


802.11a_Nss1,(6Mbps)_4TX

5825MHz

PSD

02/03/2021

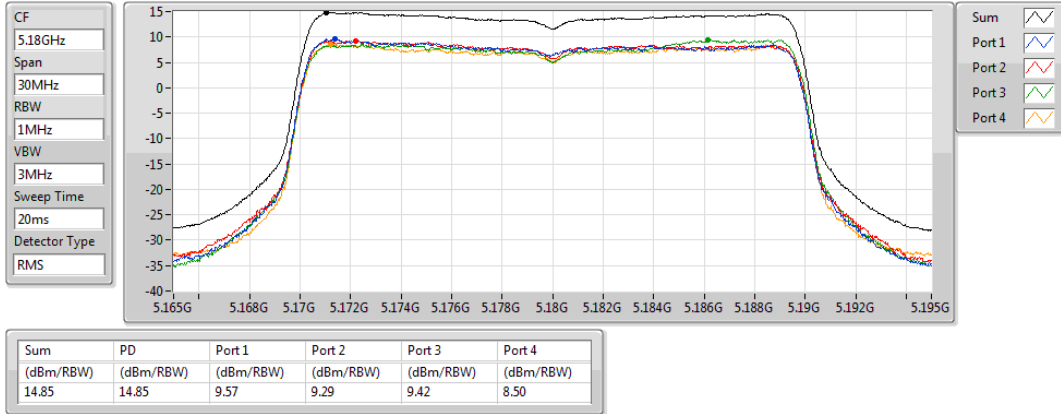


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

10/03/2021

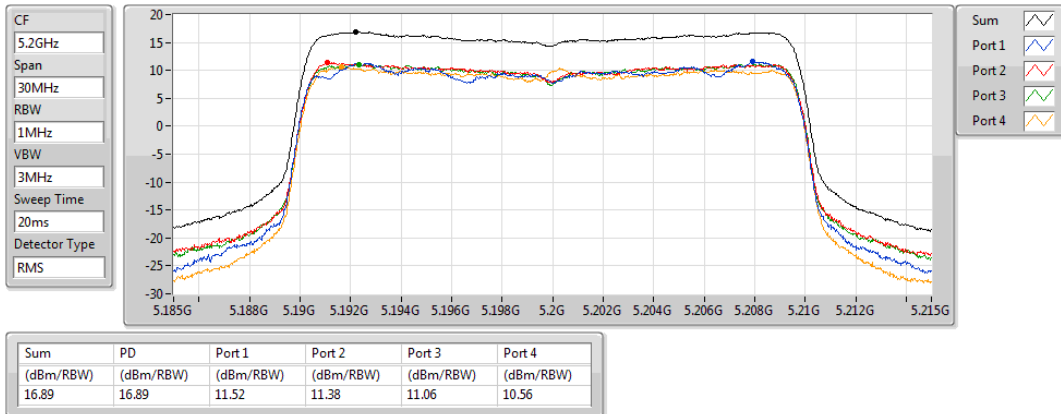


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

10/03/2021

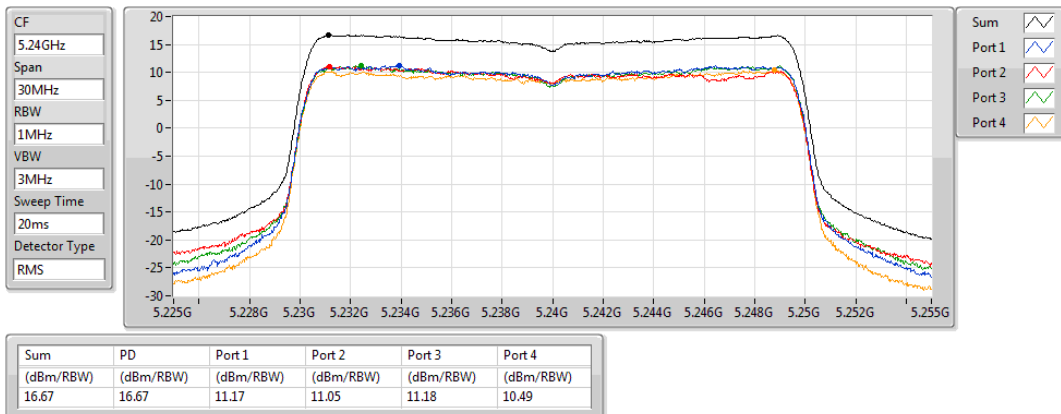


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

10/03/2021

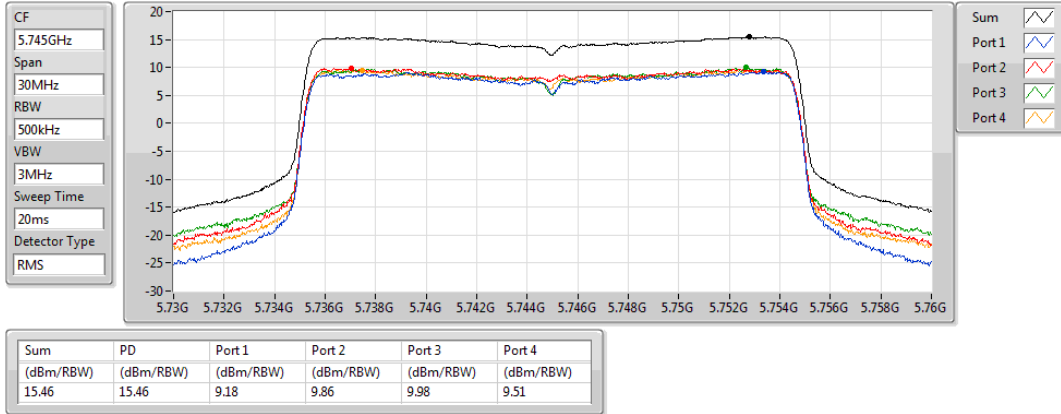


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5745MHz

10/03/2021

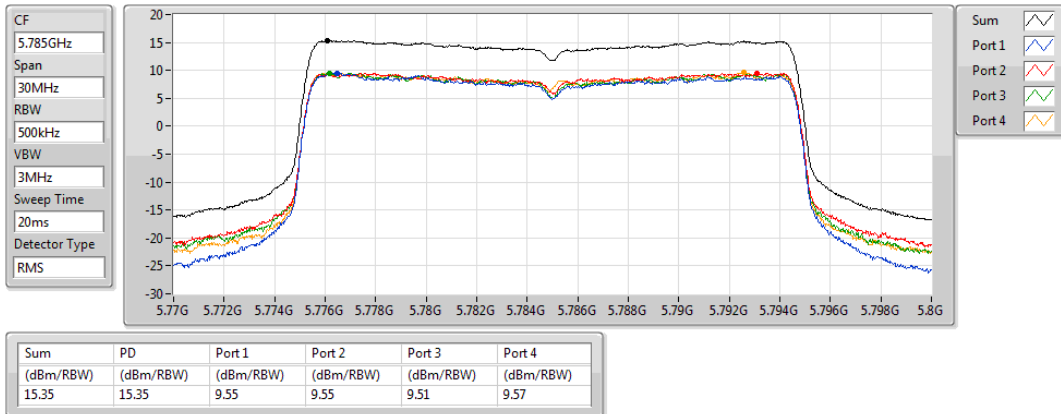


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

10/03/2021

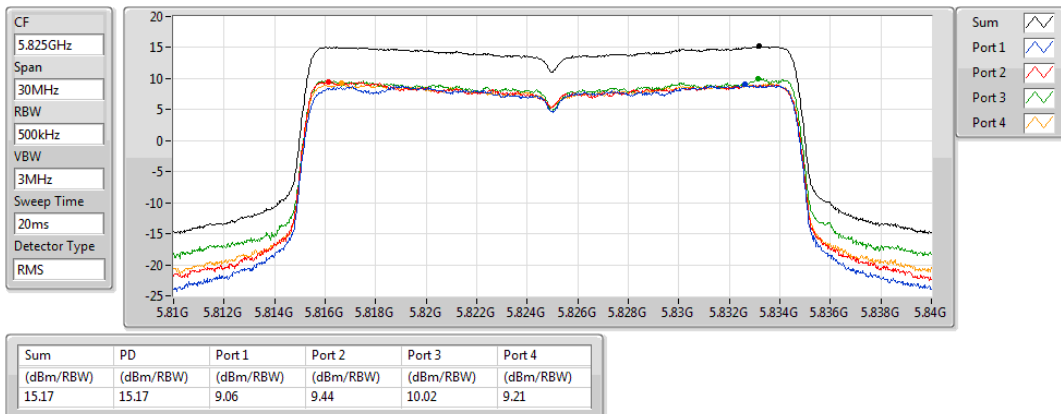


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

10/03/2021

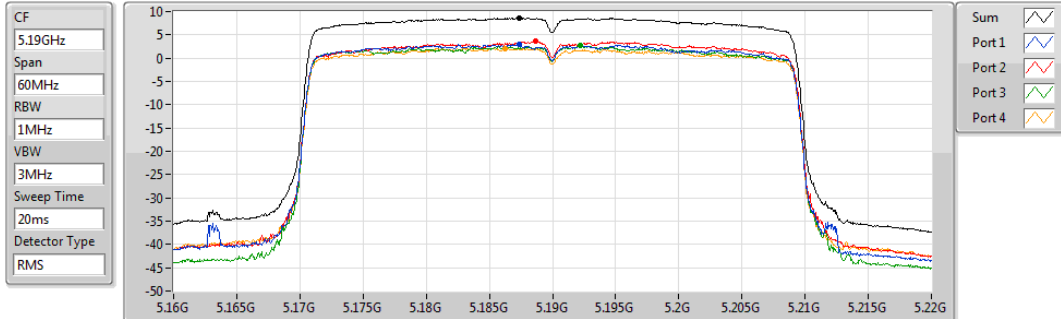


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

02/03/2021



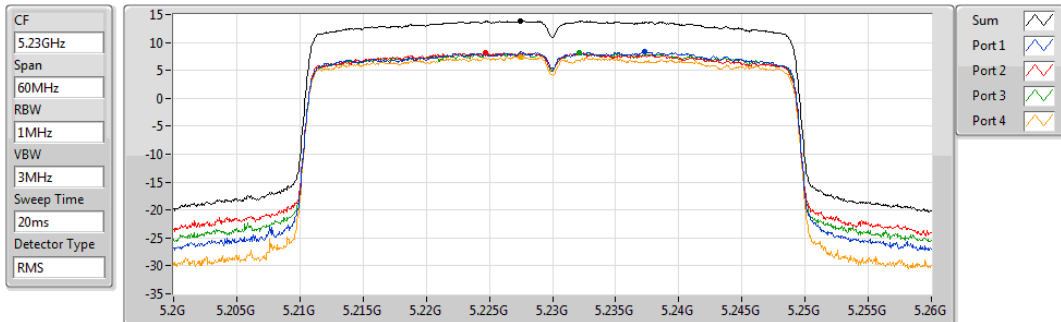
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.59	8.59	2.90	3.57	2.69	2.14

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

10/03/2021



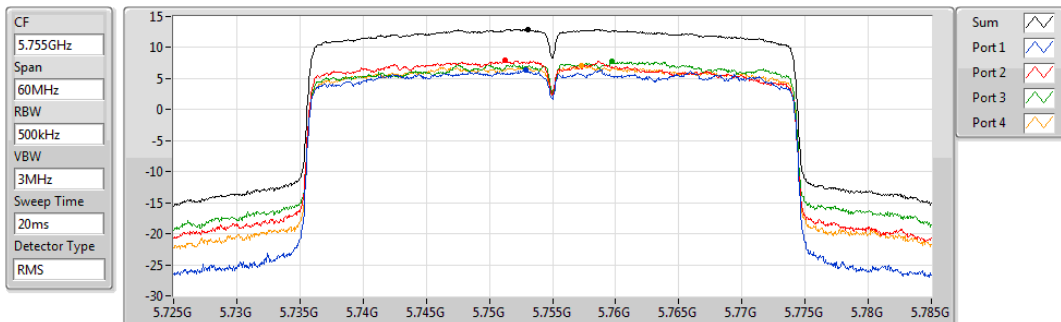
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.90	13.90	8.43	8.20	8.16	7.45

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

10/03/2021



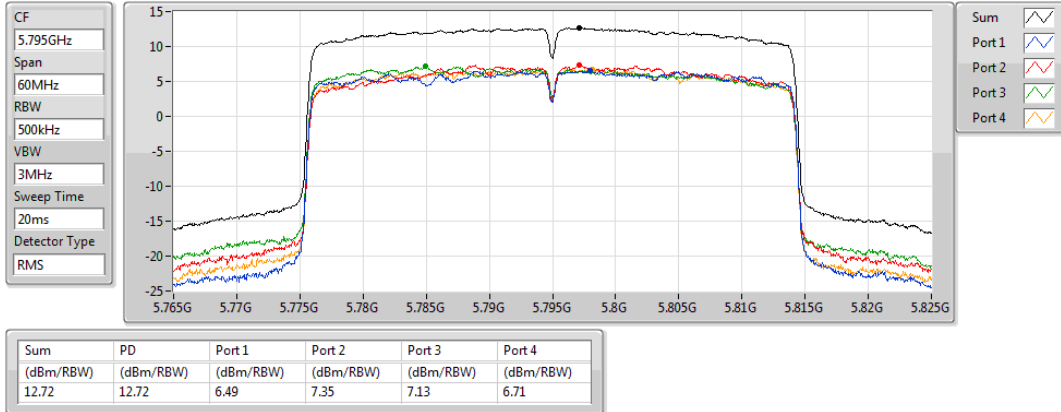
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.91	12.91	6.37	7.97	7.76	7.14

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

10/03/2021

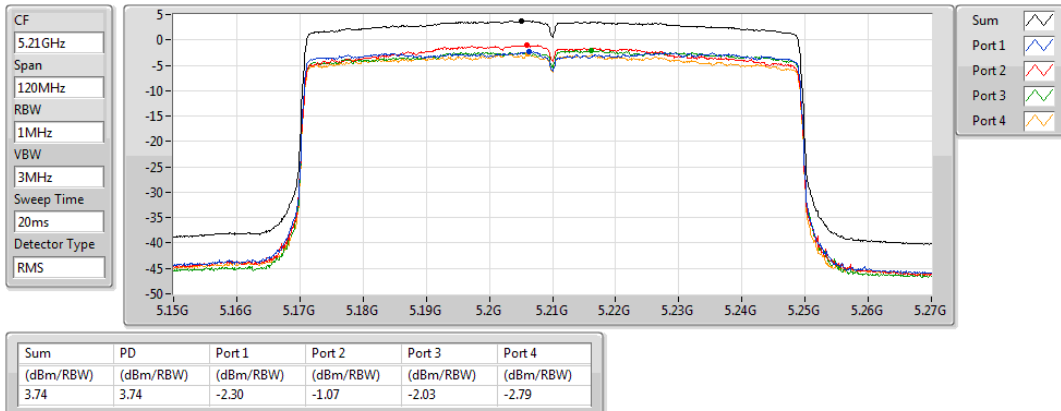


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

02/03/2021

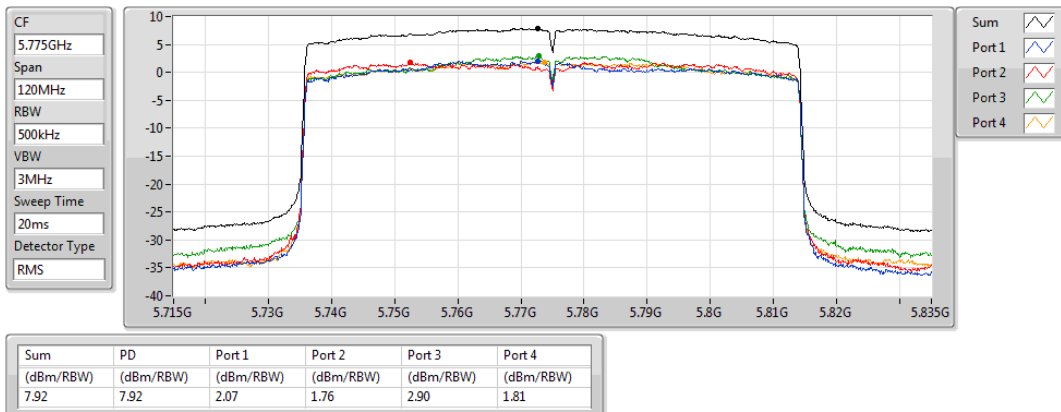


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

10/03/2021



**For 4T4S:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	16.97
802.11ax HEW40_Nss4,(MCS0)_4TX	14.00
802.11ax HEW80_Nss4,(MCS0)_4TX	3.98
5.725-5.85GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	15.86
802.11ax HEW40_Nss4,(MCS0)_4TX	11.90
802.11ax HEW80_Nss4,(MCS0)_4TX	8.07

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_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.58	9.17	9.68	8.51	7.78	13.95	17.00
5200MHz	Pass	1.58	10.97	11.40	11.18	10.84	16.97	17.00
5240MHz	Pass	1.58	12.17	11.75	11.40	11.57	16.86	17.00
5745MHz	Pass	2.03	8.48	9.28	8.99	9.01	14.79	30.00
5785MHz	Pass	2.03	9.29	9.95	9.95	9.72	15.60	30.00
5825MHz	Pass	2.03	9.93	12.00	9.71	10.07	15.86	30.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	1.58	4.35	4.68	4.26	4.41	9.88	17.00
5230MHz	Pass	1.58	8.29	8.17	8.31	7.66	14.00	17.00
5755MHz	Pass	2.03	5.09	5.94	5.78	5.80	11.52	30.00
5795MHz	Pass	2.03	5.63	6.01	6.38	5.95	11.90	30.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	1.58	-0.58	-0.57	-0.59	-0.65	3.98	17.00
5775MHz	Pass	2.03	3.45	3.48	4.06	2.42	8.07	30.00

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

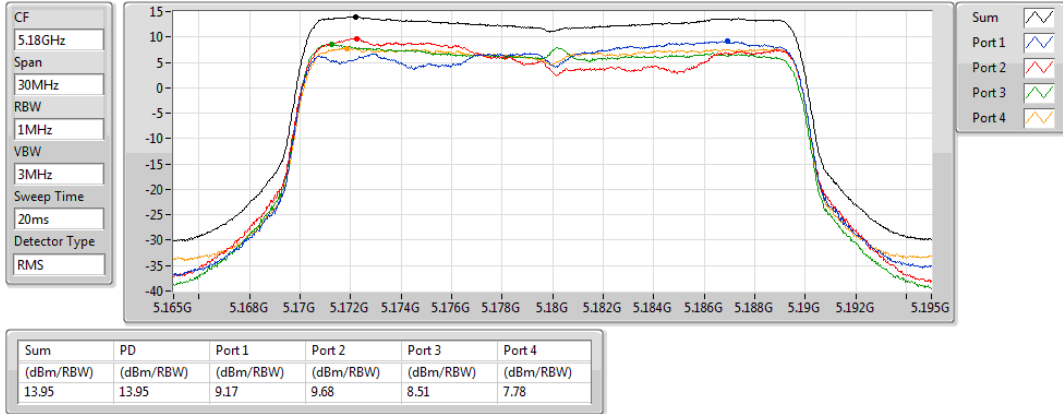
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5180MHz

09/03/2021

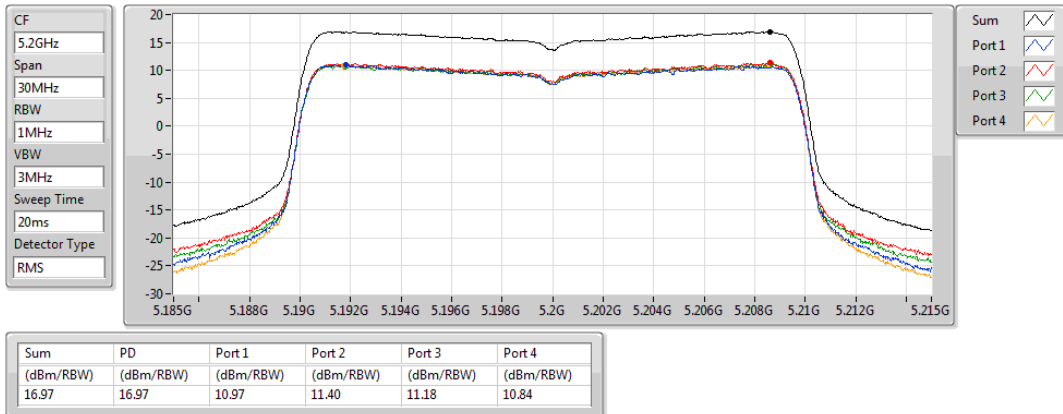


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5200MHz

09/03/2021

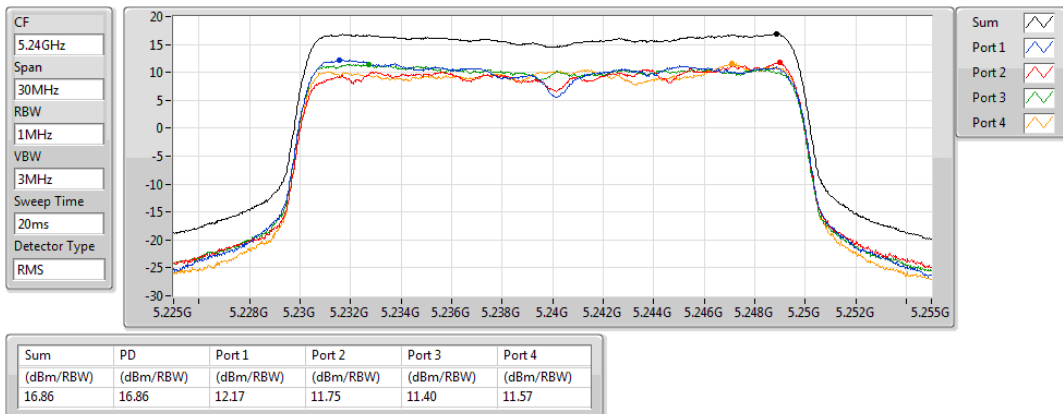


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5240MHz

09/03/2021

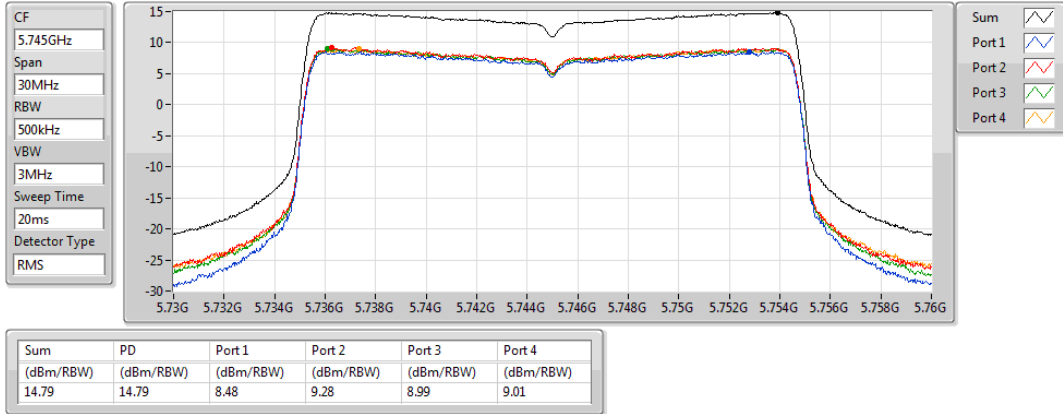


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5745MHz

09/03/2021

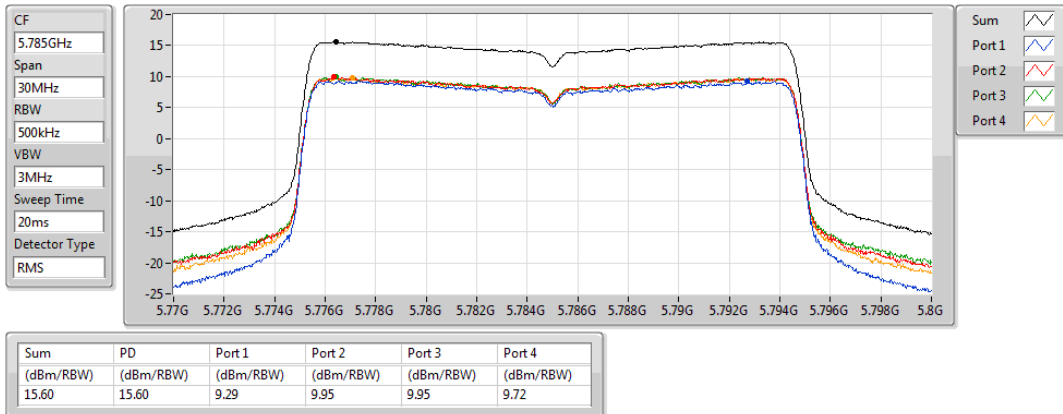


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5785MHz

09/03/2021

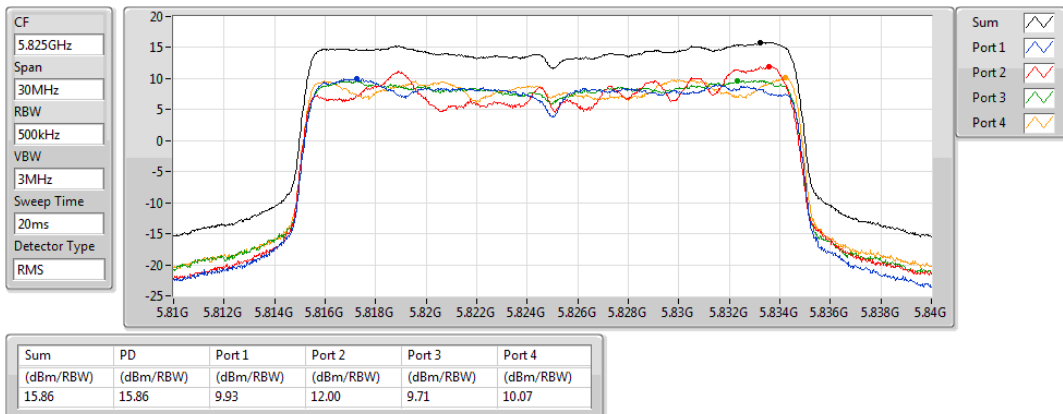


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5825MHz

09/03/2021

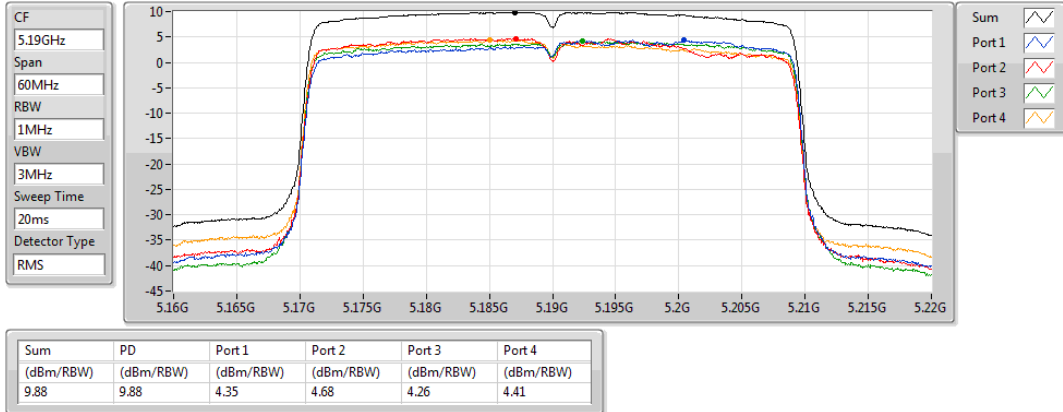


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5190MHz

09/03/2021

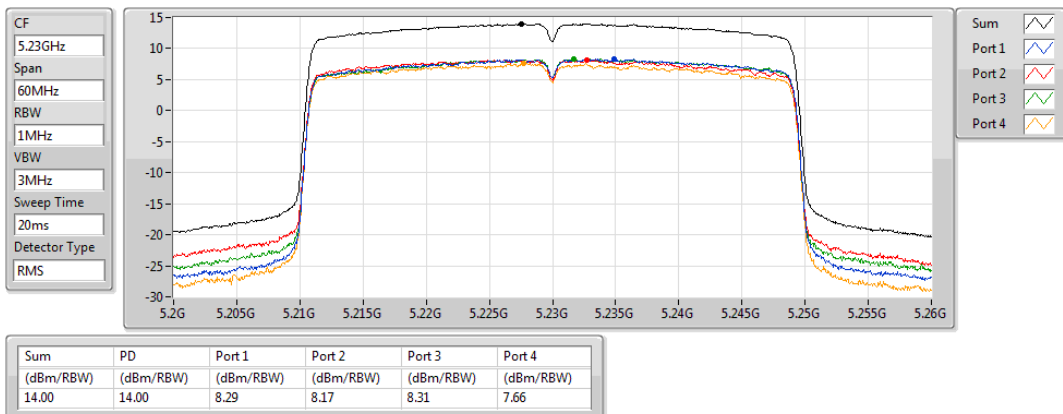


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5230MHz

09/03/2021

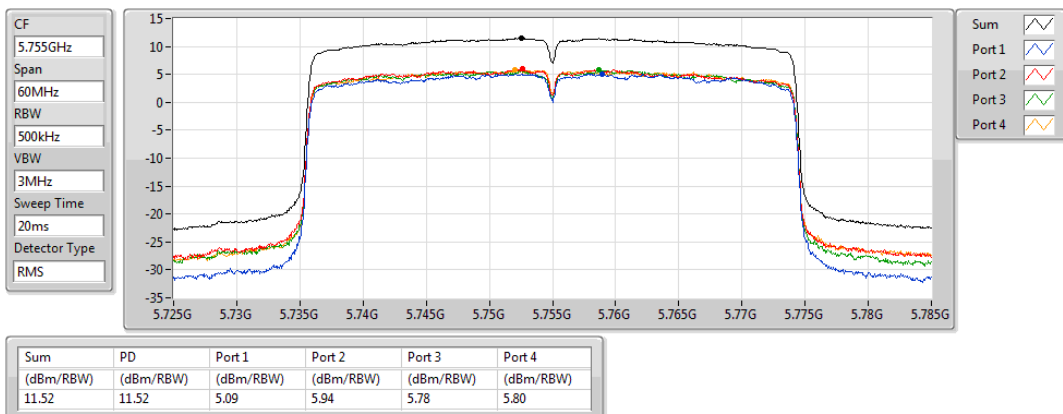


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5755MHz

09/03/2021

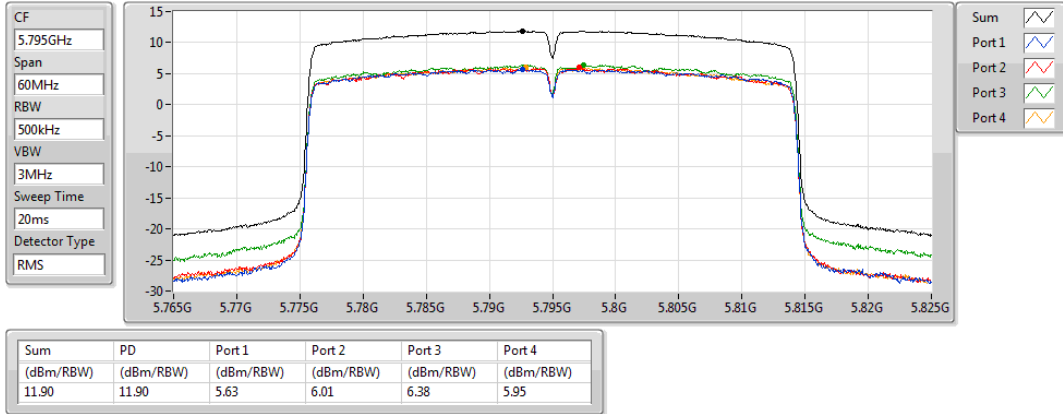


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5795MHz

09/03/2021

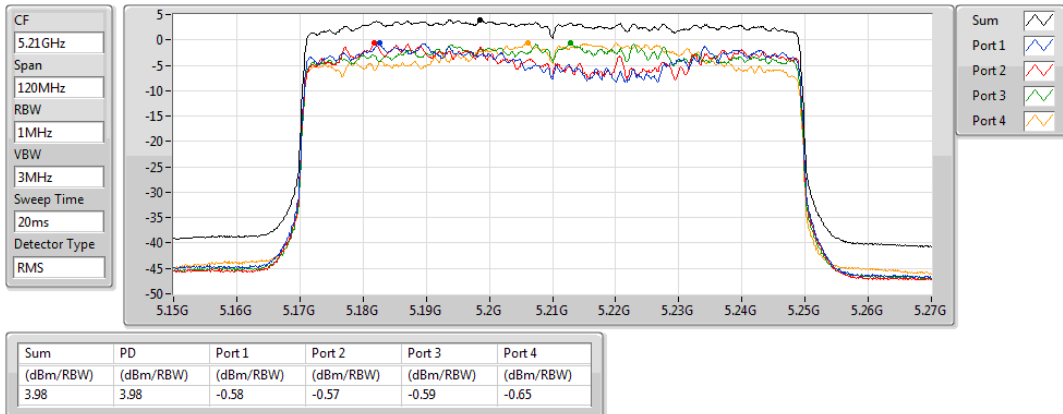


802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5210MHz

09/03/2021

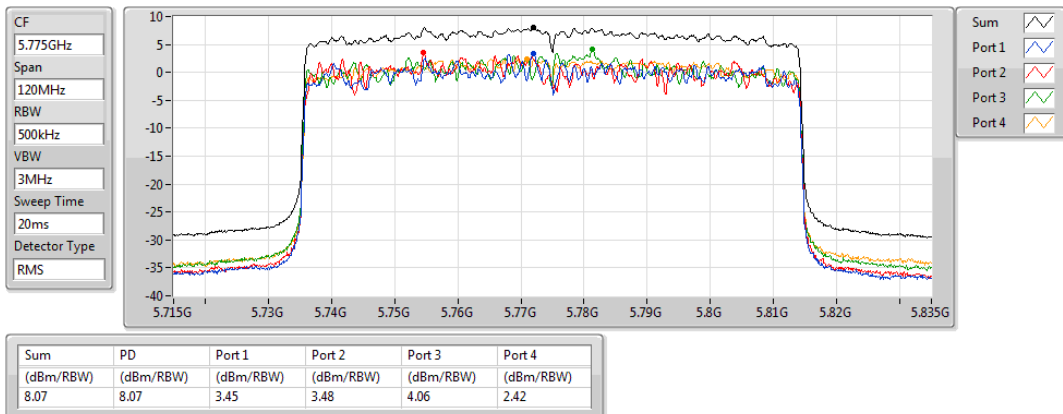


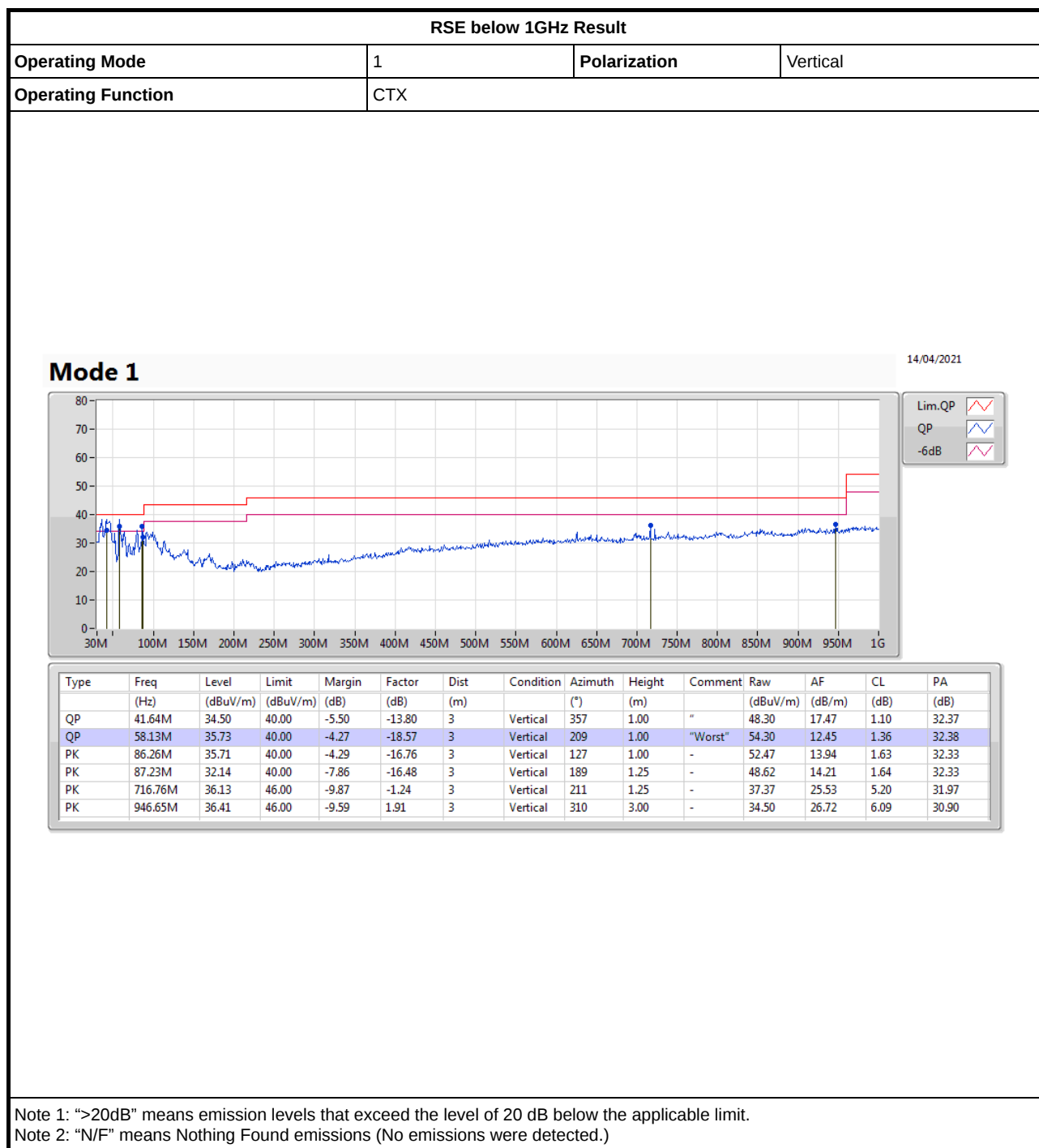
802.11ax HEW80_Nss4,(MCS0)_4TX

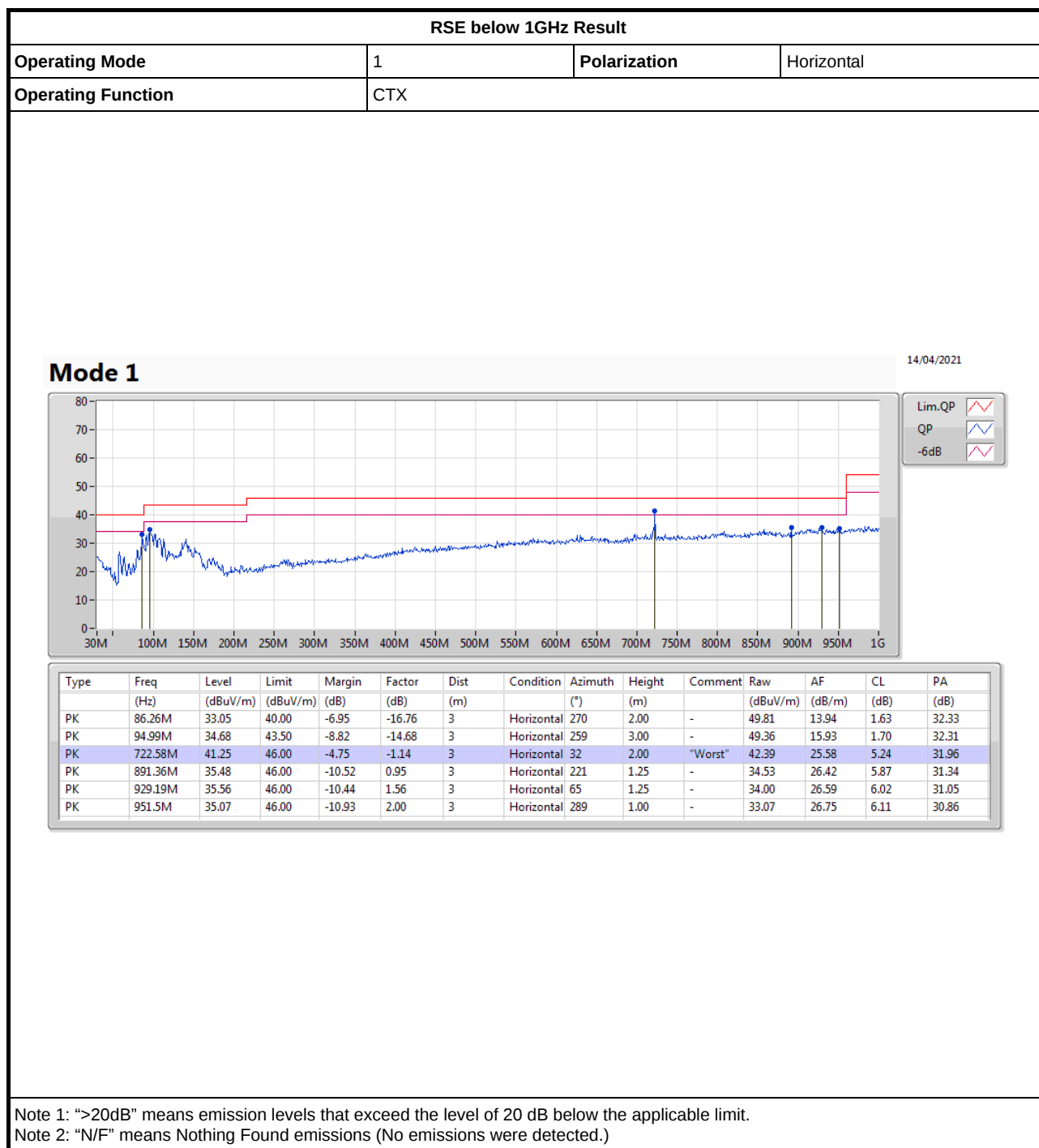
PSD

5775MHz

09/03/2021









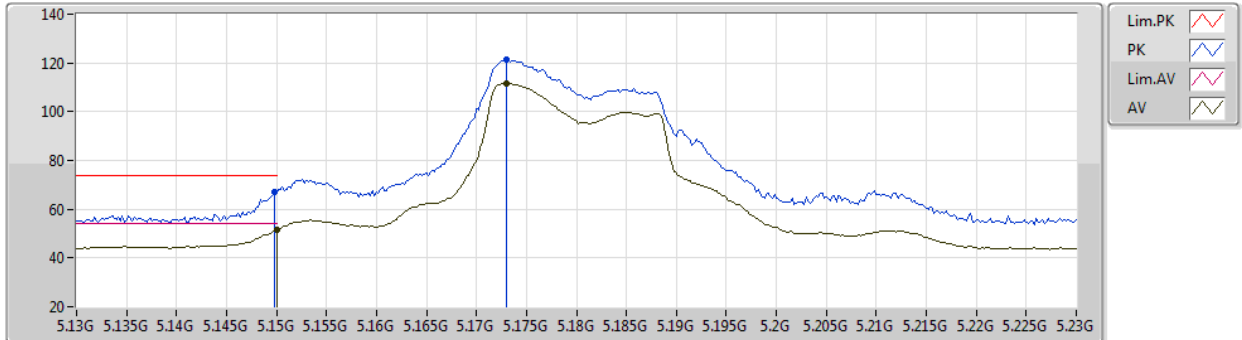
Summary

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	5.65G	67.08	68.20	-1.12	3	Vertical	159	1.33	-

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5180MHz_TX



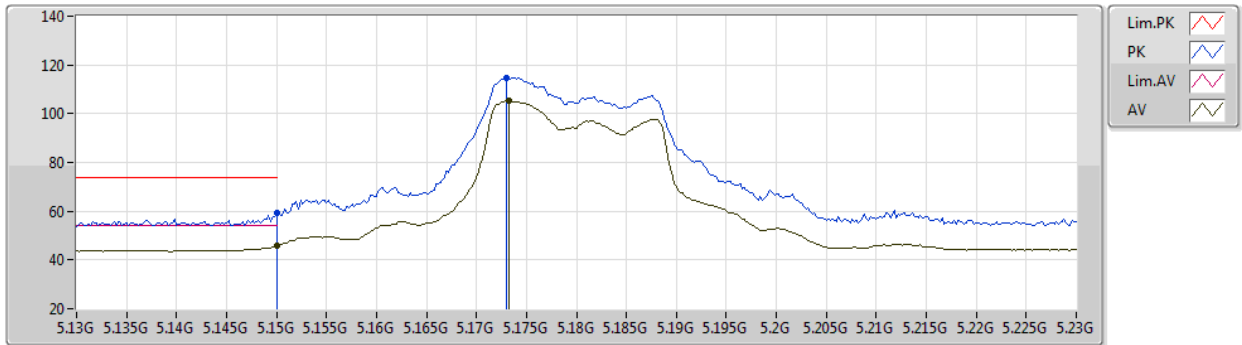
EUT_Y_4TX
Setting 20.5
01-F-N-2-10

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	5.1498G	66.89	74.00	-7.11	63.57	3	Vertical	243	1.51	-	32.60	5.17	34.45
AV	5.15G	51.54	54.00	-2.46	48.22	3	Vertical	243	1.51	-	32.60	5.17	34.45
PK	5.173G	121.36	Inf	-Inf	117.97	3	Vertical	243	1.51	-	32.65	5.19	34.45
AV	5.173G	111.74	Inf	-Inf	108.35	3	Vertical	243	1.51	-	32.65	5.19	34.45

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5180MHz_TX



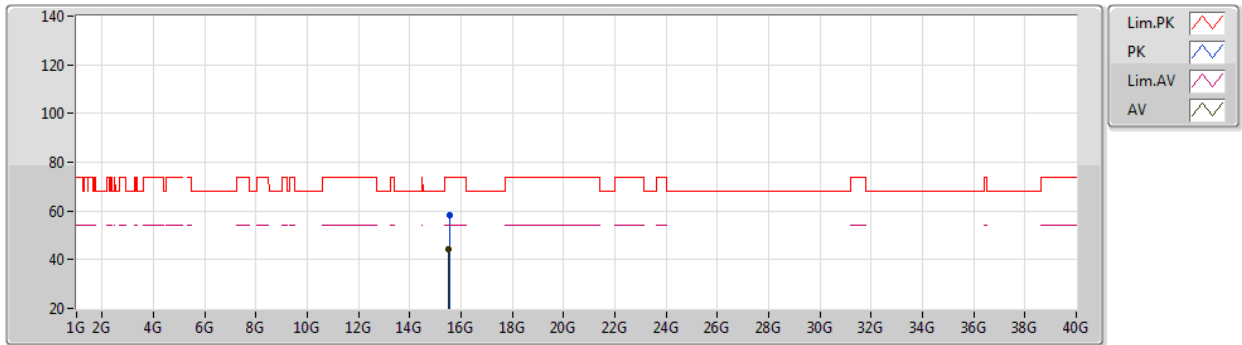
EUT Y_4TX
Setting 20.5
01-F-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	59.13	74.00	-14.87	55.81	3	Horizontal	306	2.35	-	32.60	5.17	34.45
AV	5.15G	45.61	54.00	-8.39	42.29	3	Horizontal	306	2.35	-	32.60	5.17	34.45
PK	5.173G	114.63	Inf	-Inf	111.24	3	Horizontal	306	2.35	-	32.65	5.19	34.45
AV	5.1732G	105.29	Inf	-Inf	101.90	3	Horizontal	306	2.35	-	32.65	5.19	34.45

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5180MHz_TX



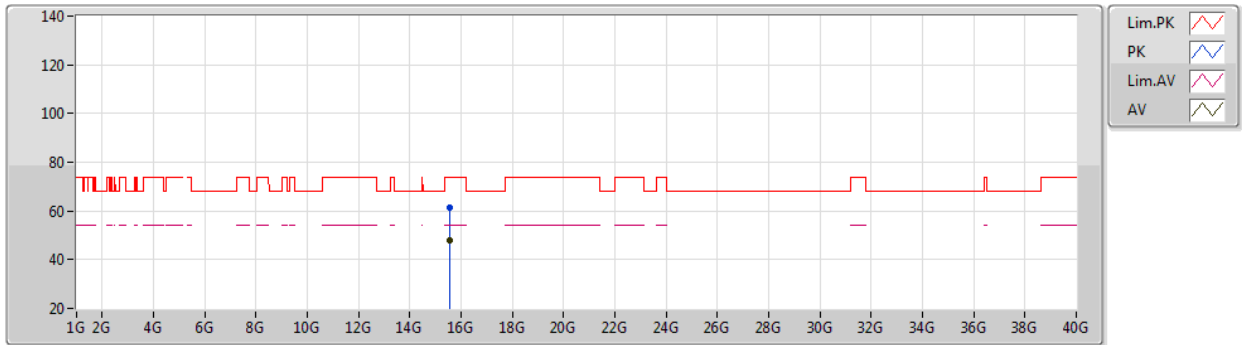
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Setting 20.5
01-F-N-2

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	15.53394G	58.36	74.00	-15.64	45.34	3	Vertical	178	1.76	-	38.17	9.21	34.36
AV	15.53172G	44.51	54.00	-9.49	31.50	3	Vertical	178	1.76	-	38.16	9.21	34.36

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5180MHz_TX



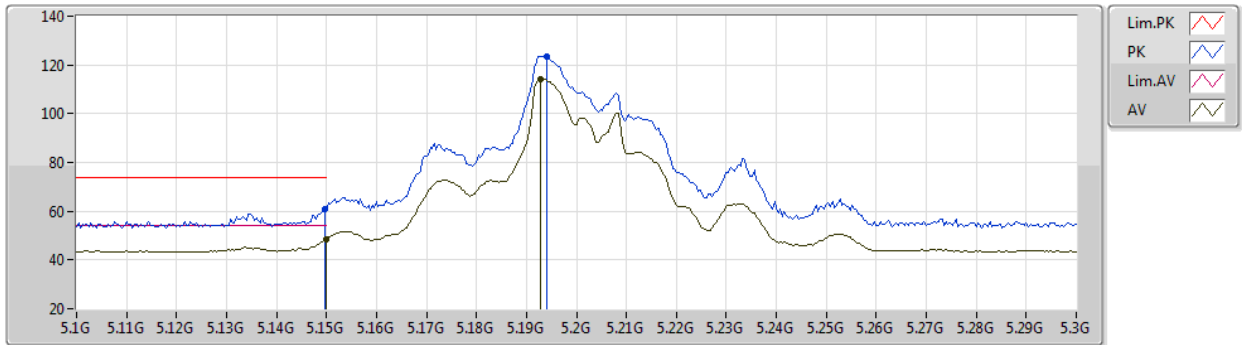
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Setting 20.5
01-F-N-2

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	15.5427G	61.52	74.00	-12.48	48.49	3	Horizontal	78	2.07	-	38.19	9.21	34.37
AV	15.54228G	47.70	54.00	-6.30	34.68	3	Horizontal	78	2.07	-	38.18	9.21	34.37

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5200MHz_TX



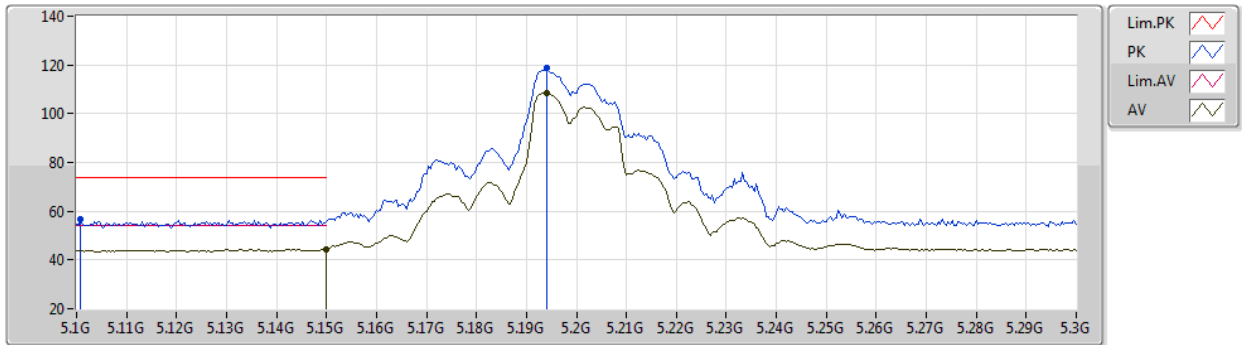
EUT Y_4TX
Setting 24
01-F-N-2-10

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	5.1496G	60.63	74.00	-13.37	57.31	3	Vertical	248	1.80	-	32.60	5.17	34.45
AV	5.15G	48.42	54.00	-5.58	45.10	3	Vertical	248	1.80	-	32.60	5.17	34.45
PK	5.194G	123.48	Inf	-Inf	120.04	3	Vertical	248	1.80	-	32.69	5.20	34.45
AV	5.1928G	114.28	Inf	-Inf	110.84	3	Vertical	248	1.80	-	32.69	5.20	34.45

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5200MHz_TX



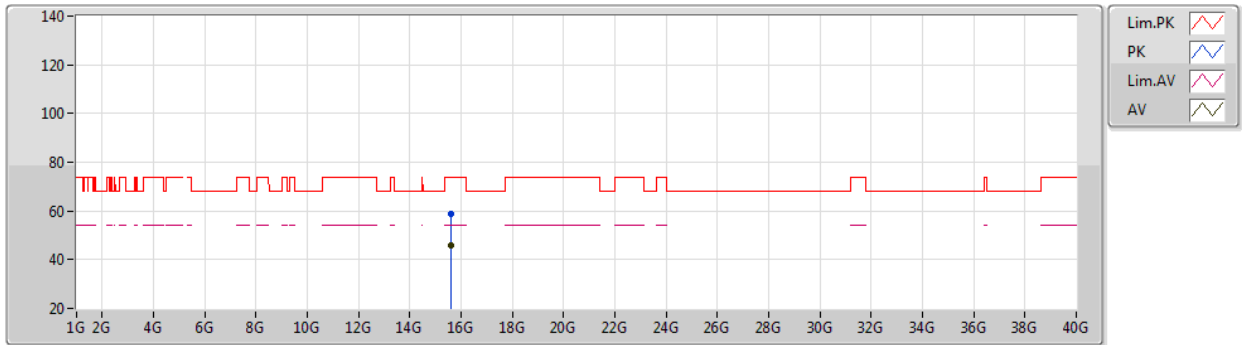
EUT Y_4TX
Setting 24
01-F-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1008G	56.53	74.00	-17.47	53.24	3	Horizontal	301	2.45	-	32.60	5.15	34.46
AV	5.15G	44.55	54.00	-9.45	41.23	3	Horizontal	301	2.45	-	32.60	5.17	34.45
PK	5.194G	118.56	Inf	-Inf	115.12	3	Horizontal	301	2.45	-	32.69	5.20	34.45
AV	5.194G	108.58	Inf	-Inf	105.14	3	Horizontal	301	2.45	-	32.69	5.20	34.45

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5200MHz_TX



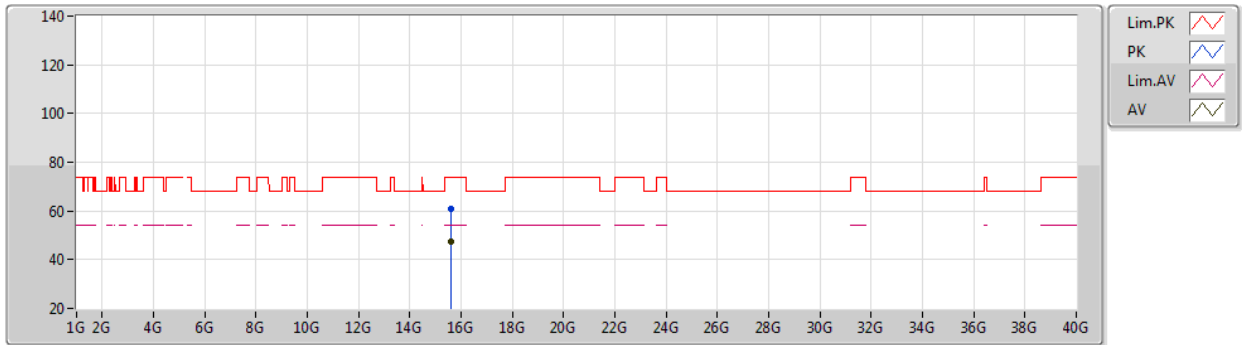
EUT_V_4TX
Setting 24
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.59136G	58.74	74.00	-15.26	45.66	3	Vertical	154	2.01	-	38.28	9.22	34.42
AV	15.59492G	45.90	54.00	-8.10	32.81	3	Vertical	154	2.01	-	38.29	9.22	34.42

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5200MHz_TX



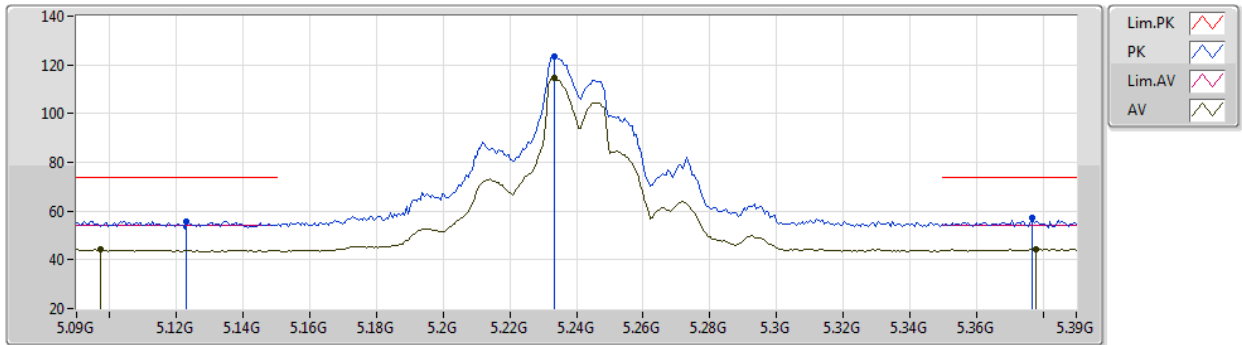
EUT_V_4TX
Setting 24
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.59412G	60.68	74.00	-13.32	47.59	3	Horizontal	35	2.58	-	38.29	9.22	34.42
AV	15.59444G	47.38	54.00	-6.62	34.29	3	Horizontal	35	2.58	-	38.29	9.22	34.42

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5240MHz_TX



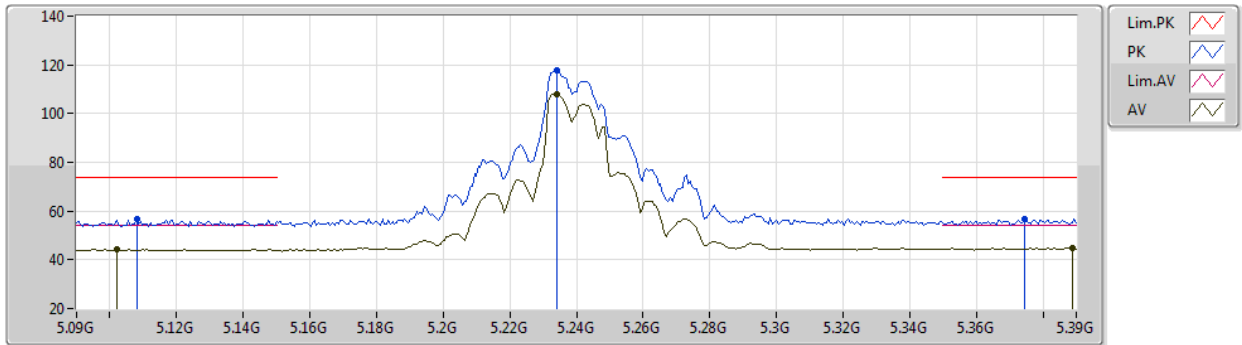
EUT Y_4TX
Setting 24
01-F-N-2-10

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	5.123G	55.81	74.00	-18.19	52.51	3	Vertical	242	1.68	-	32.60	5.16	34.46
AV	5.0972G	44.20	54.00	-9.80	40.91	3	Vertical	242	1.68	-	32.60	5.15	34.46
PK	5.2334G	123.53	Inf	-Inf	119.97	3	Vertical	242	1.68	-	32.77	5.23	34.44
AV	5.2334G	114.51	Inf	-Inf	110.95	3	Vertical	242	1.68	-	32.77	5.23	34.44
PK	5.3768G	57.21	74.00	-16.79	53.19	3	Vertical	242	1.68	-	33.06	5.38	34.42
AV	5.378G	44.46	54.00	-9.54	40.43	3	Vertical	242	1.68	-	33.07	5.38	34.42

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5240MHz_TX



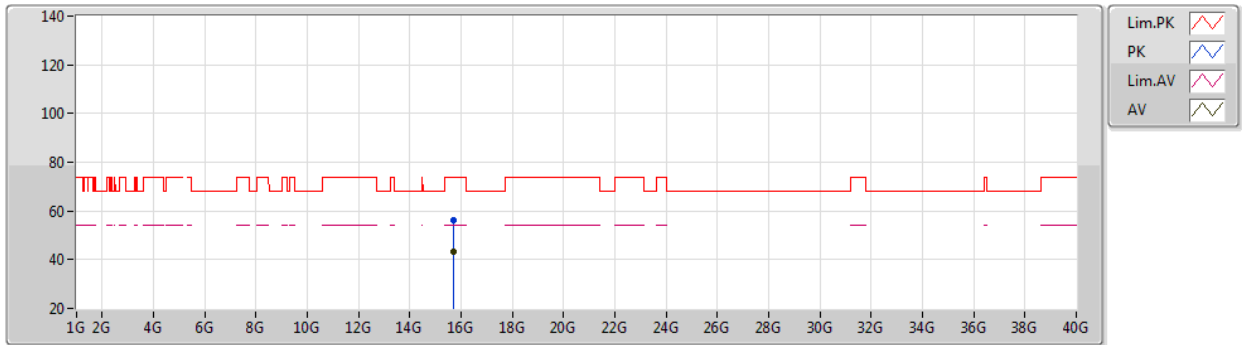
EUT Y_4TX
Setting 24
01-F-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.108G	56.69	74.00	-17.31	53.40	3	Horizontal	301	2.39	-	32.60	5.15	34.46
AV	5.102G	44.40	54.00	-9.60	41.11	3	Horizontal	301	2.39	-	32.60	5.15	34.46
PK	5.234G	117.99	Inf	-Inf	114.43	3	Horizontal	301	2.39	-	32.77	5.23	34.44
AV	5.234G	108.04	Inf	-Inf	104.48	3	Horizontal	301	2.39	-	32.77	5.23	34.44
PK	5.3744G	56.72	74.00	-17.28	52.73	3	Horizontal	301	2.39	-	33.05	5.37	34.43
AV	5.3888G	44.81	54.00	-9.19	40.71	3	Horizontal	301	2.39	-	33.13	5.39	34.42

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5240MHz_TX



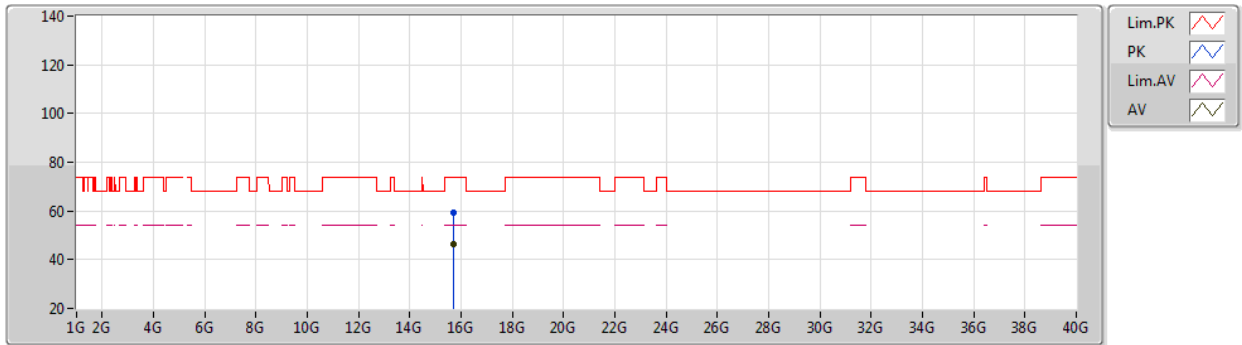
EUT V_4TX
Setting 24
01-F-N-2

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	15.70734G	56.25	74.00	-17.75	43.15	3	Vertical	359	1.80	-	38.40	9.24	34.54
AV	15.70992G	43.22	54.00	-10.78	30.12	3	Vertical	359	1.80	-	38.40	9.24	34.54

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5240MHz_TX



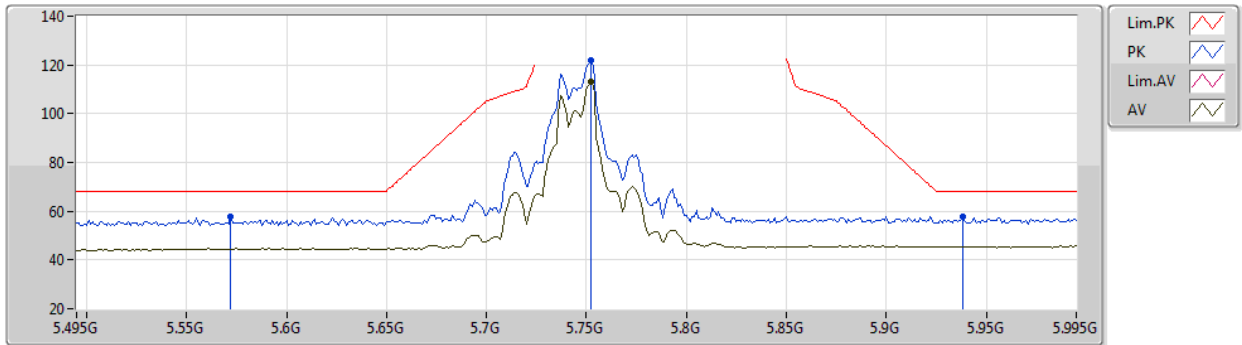
EUT_V_4TX
Setting 24
01-F-N-2

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	15.72174G	59.11	74.00	-14.89	46.02	3	Horizontal	73	2.06	-	38.40	9.24	34.55
AV	15.72264G	46.43	54.00	-7.57	33.34	3	Horizontal	73	2.06	-	38.40	9.24	34.55

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5745MHz_TX



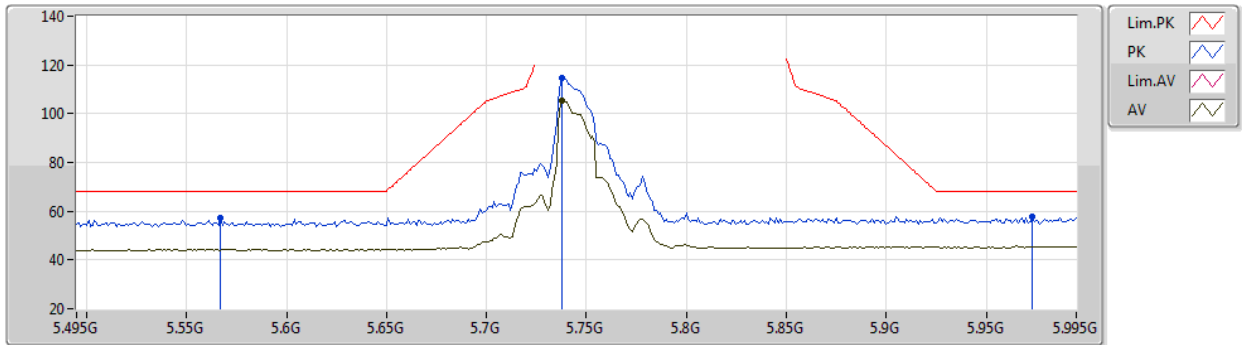
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Setting 24
01-F-N-2-10

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	5.572G	57.71	68.20	-10.49	53.00	3	Vertical	272	1.76	-	33.74	5.40	34.43
PK	5.752G	122.00	Inf	-Inf	116.91	3	Vertical	272	1.76	-	34.11	5.48	34.50
AV	5.752G	113.11	Inf	-Inf	108.02	3	Vertical	272	1.76	-	34.11	5.48	34.50
PK	5.938G	57.86	68.20	-10.34	51.97	3	Vertical	272	1.76	-	34.95	5.50	34.56

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5745MHz_TX



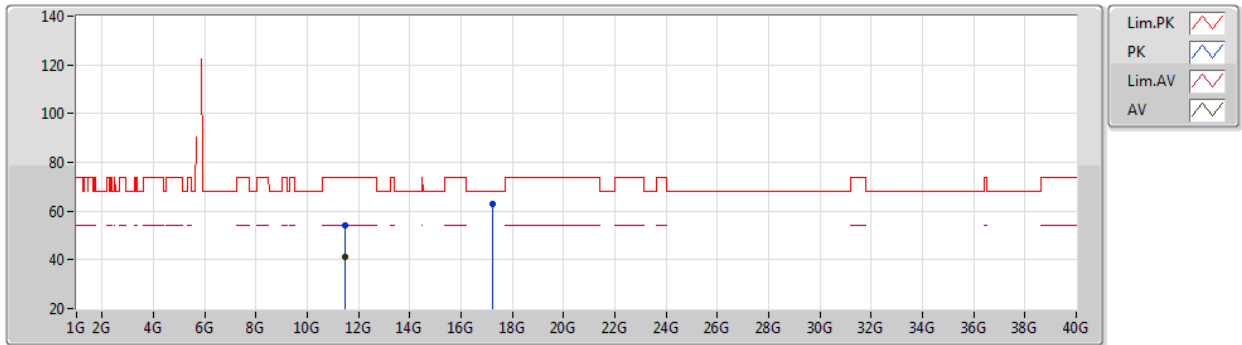
EUT Y_4TX
Setting 24
01-F-N-2-10

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	5.567G	57.11	68.20	-11.09	52.41	3	Horizontal	309	1.77	-	33.73	5.40	34.43
PK	5.738G	114.75	Inf	-Inf	109.72	3	Horizontal	309	1.77	-	34.05	5.47	34.49
AV	5.738G	105.33	Inf	-Inf	100.30	3	Horizontal	309	1.77	-	34.05	5.47	34.49
PK	5.973G	57.65	68.20	-10.55	51.63	3	Horizontal	309	1.77	-	35.09	5.50	34.57

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5745MHz_TX



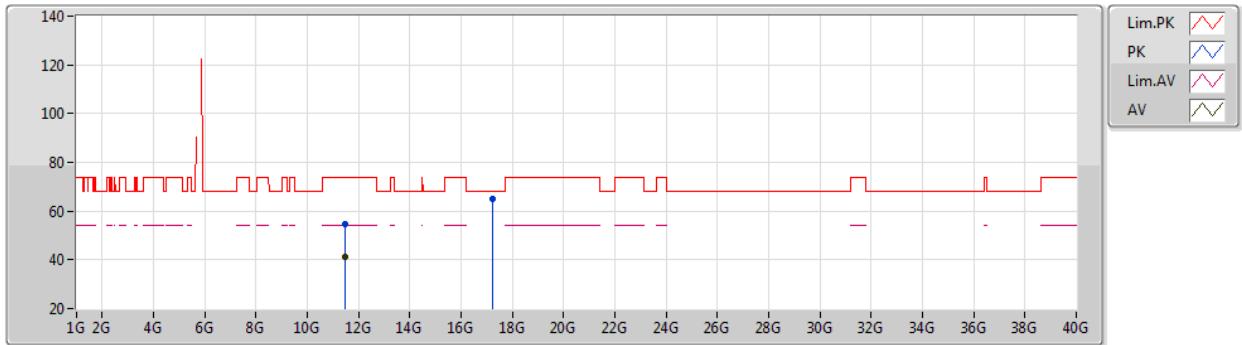
EUT Y_4TX
Setting 24
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.48584G	54.04	74.00	-19.96	42.29	3	Vertical	101	1.97	-	38.40	7.82	34.47
AV	11.49008G	41.44	54.00	-12.56	29.69	3	Vertical	101	1.97	-	38.40	7.82	34.47
PK	17.2338G	62.85	68.20	-5.35	44.77	3	Vertical	6	2.97	-	41.70	9.73	33.35

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5745MHz_TX



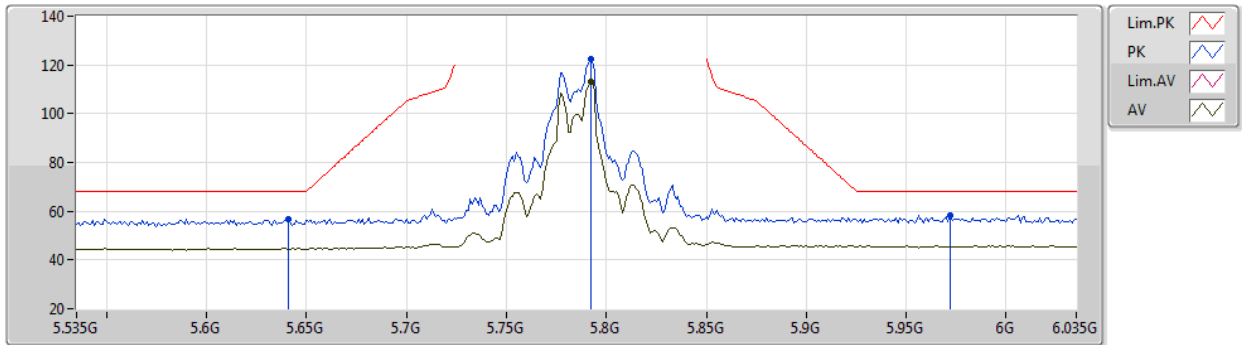
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Setting 24
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.49052G	54.49	74.00	-19.51	42.74	3	Horizontal	126	1.80	-	38.40	7.82	34.47
AV	11.49004G	41.40	54.00	-12.60	29.65	3	Horizontal	126	1.80	-	38.40	7.82	34.47
PK	17.23474G	64.97	68.20	-3.23	46.89	3	Horizontal	271	1.42	-	41.70	9.73	33.35

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5785MHz_TX



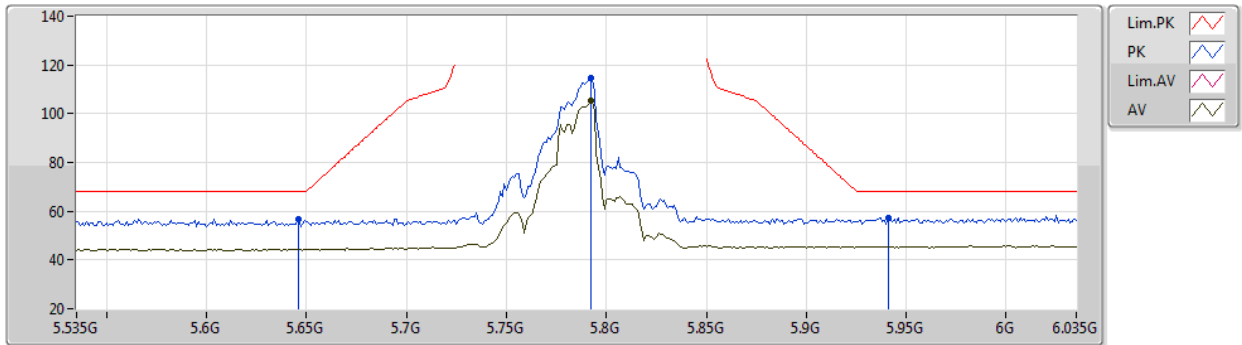
EUT Y_4TX
Setting 24
01-F-N-2-10

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	5.641G	56.61	68.20	-11.59	51.77	3	Vertical	272	1.57	-	33.88	5.42	34.46
PK	5.792G	122.40	Inf	-Inf	117.14	3	Vertical	272	1.57	-	34.27	5.50	34.51
AV	5.792G	113.23	Inf	-Inf	107.97	3	Vertical	272	1.57	-	34.27	5.50	34.51
PK	5.972G	58.34	68.20	-9.86	52.32	3	Vertical	272	1.57	-	35.09	5.50	34.57

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5785MHz_TX



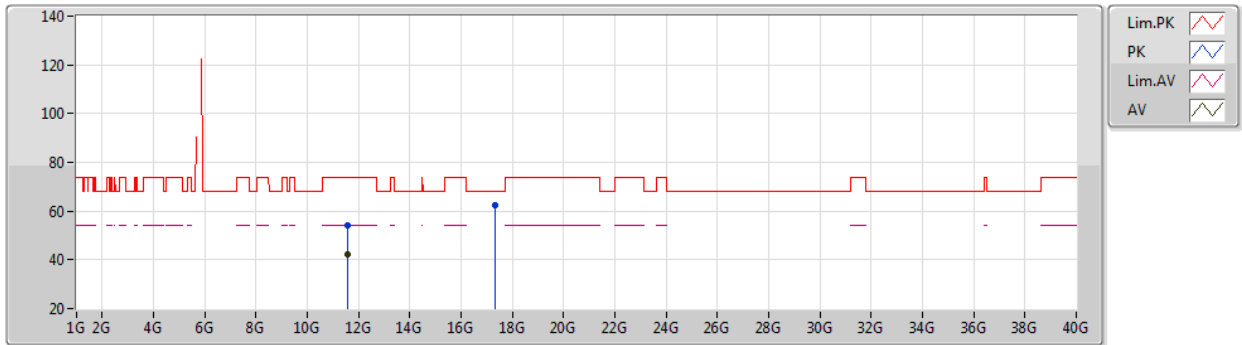
EUT Y_4TX
Setting 24
01-F-N-2-10

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	56.59	68.20	-11.61	51.74	3	Horizontal	160	2.95	-	33.89	5.42	34.46
PK	5.792G	114.67	Inf	-Inf	109.41	3	Horizontal	160	2.95	-	34.27	5.50	34.51
AV	5.792G	105.25	Inf	-Inf	99.99	3	Horizontal	160	2.95	-	34.27	5.50	34.51
PK	5.941G	57.42	68.20	-10.78	51.52	3	Horizontal	160	2.95	-	34.96	5.50	34.56

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5785MHz_TX



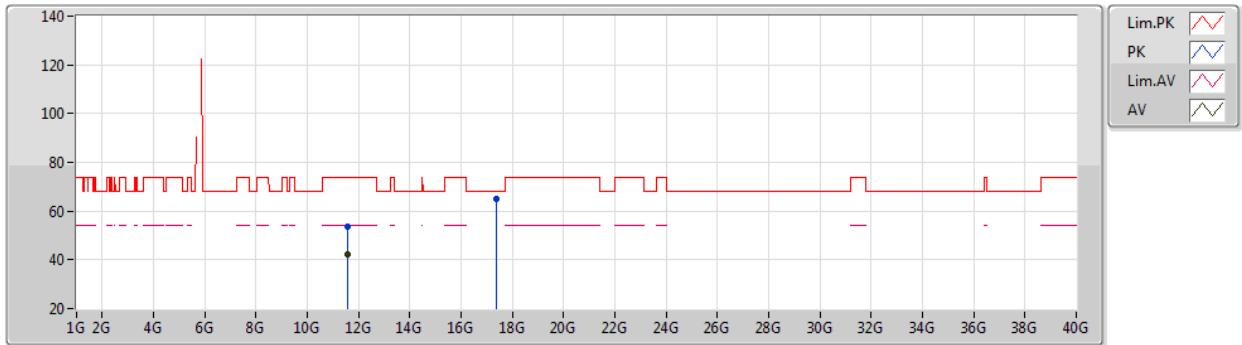
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Setting 24
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.56568G	54.02	74.00	-19.98	42.25	3	Vertical	90	1.38	-	38.40	7.85	34.48
AV	11.57016G	42.06	54.00	-11.94	30.29	3	Vertical	90	1.38	-	38.40	7.85	34.48
PK	17.34752G	62.50	68.20	-5.70	43.95	3	Vertical	77	1.80	-	42.09	9.77	33.31

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5785MHz_TX



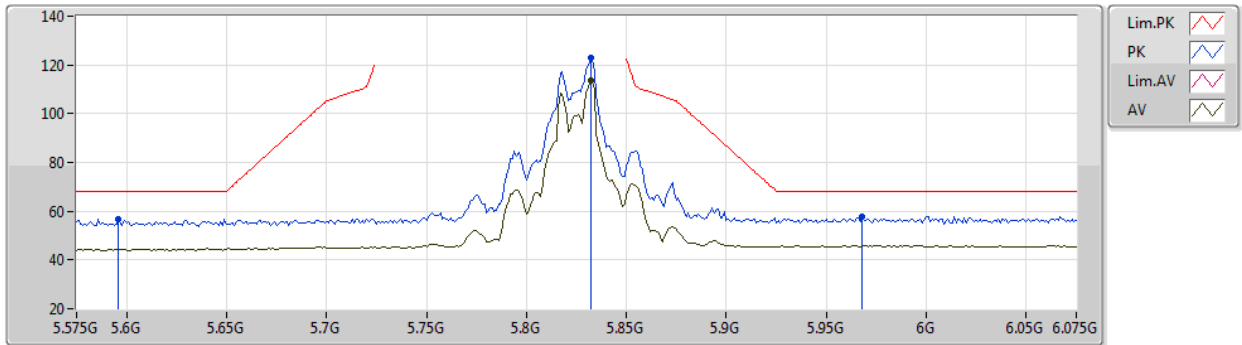
EUT Y_4TX
Setting 24
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.56148G	53.65	74.00	-20.35	41.88	3	Horizontal	100	1.80	-	38.40	7.85	34.48
AV	11.57008G	42.02	54.00	-11.98	30.25	3	Horizontal	100	1.80	-	38.40	7.85	34.48
PK	17.35528G	64.76	68.20	-3.44	46.17	3	Horizontal	268	1.42	-	42.12	9.77	33.30

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5825MHz_TX



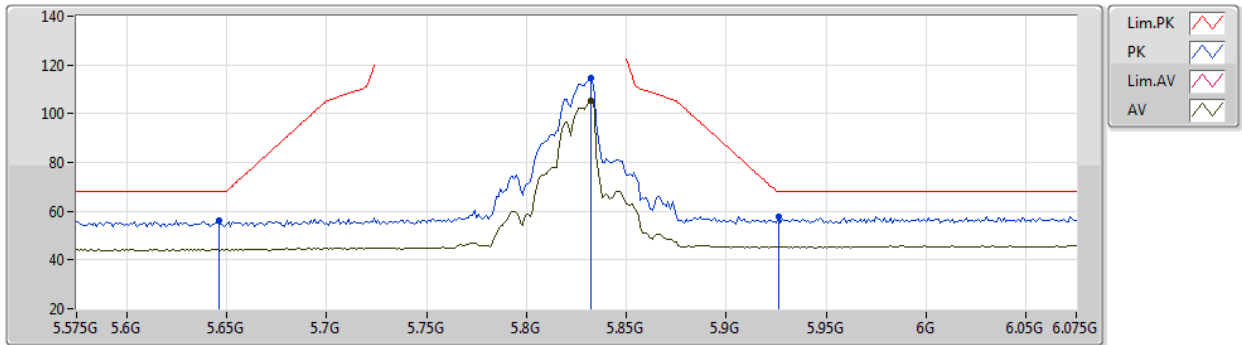
EUT Y_4TX
Setting 24
01-F-N-2-10

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	5.596G	56.56	68.20	-11.64	51.81	3	Vertical	272	1.54	-	33.79	5.40	34.44
PK	5.832G	122.85	Inf	-Inf	117.44	3	Vertical	272	1.54	-	34.43	5.50	34.52
AV	5.832G	113.42	Inf	-Inf	108.01	3	Vertical	272	1.54	-	34.43	5.50	34.52
PK	5.968G	57.88	68.20	-10.32	51.88	3	Vertical	272	1.54	-	35.07	5.50	34.57

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5825MHz_TX



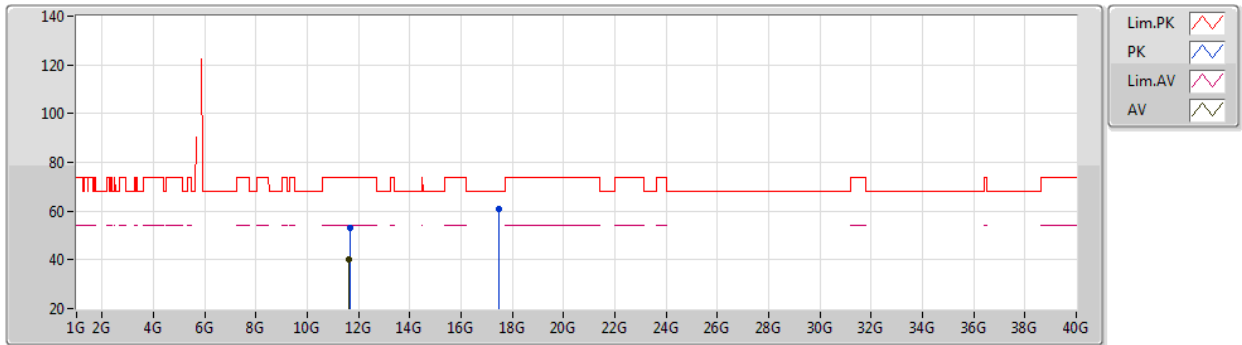
EUT Y_4TX
Setting 24
01-F-N-2-10

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	56.22	68.20	-11.98	51.37	3	Horizontal	160	1.74	-	33.89	5.42	34.46
PK	5.832G	114.76	Inf	-Inf	109.35	3	Horizontal	160	1.74	-	34.43	5.50	34.52
AV	5.832G	105.59	Inf	-Inf	100.18	3	Horizontal	160	1.74	-	34.43	5.50	34.52
PK	5.926G	57.81	68.20	-10.39	51.96	3	Horizontal	160	1.74	-	34.90	5.50	34.55

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5825MHz_TX



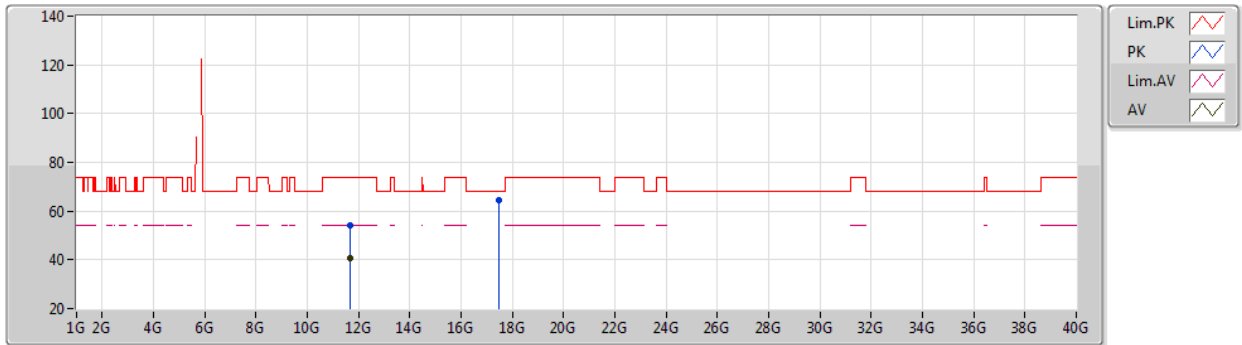
EUT Y_4TX
Setting 24
01-F-N-2

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	11.6557G	53.36	74.00	-20.64	41.51	3	Vertical	62	2.59	-	38.46	7.88	34.49
AV	11.63524G	40.14	54.00	-13.86	28.32	3	Vertical	62	2.59	-	38.44	7.87	34.49
PK	17.4675G	60.90	68.20	-7.30	42.05	3	Vertical	44	2.64	-	42.30	9.81	33.26

802.11a_Nss1,(6Mbps)_4TX

26/02/2021

5825MHz_TX



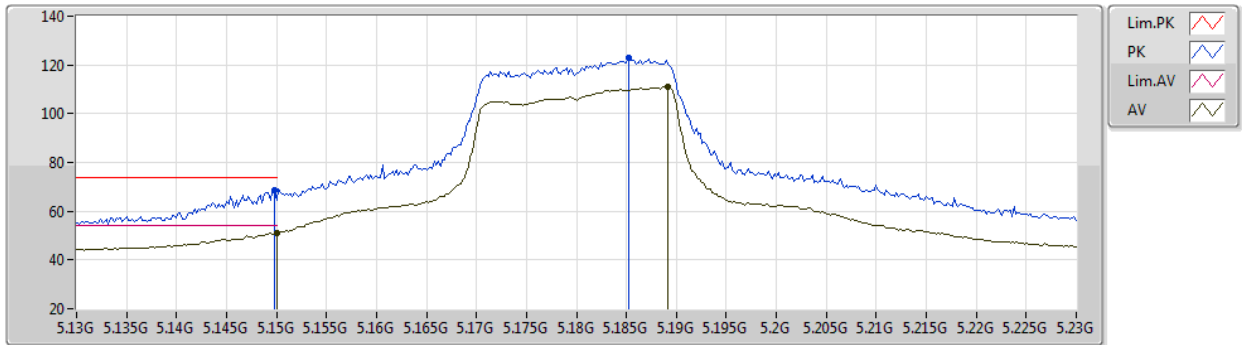
EUT Y_4TX
Setting 24
01-F-N-2

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	11.65216G	54.18	74.00	-19.82	42.34	3	Horizontal	276	1.60	-	38.45	7.88	34.49
AV	11.6485G	40.50	54.00	-13.50	28.66	3	Horizontal	276	1.60	-	38.45	7.88	34.49
PK	17.47464G	64.30	68.20	-3.90	45.44	3	Horizontal	271	1.43	-	42.30	9.82	33.26

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5180MHz_TX



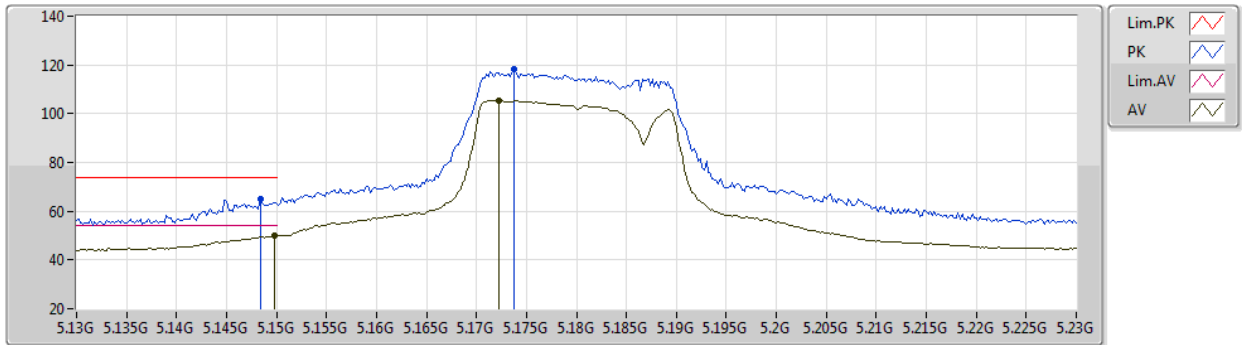
EUT Y_4TX
Setting 27
01-F-N-2-10

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	5.1498G	68.67	74.00	-5.33	65.35	3	Vertical	338	1.64	-	32.60	5.17	34.45
AV	5.15G	50.96	54.00	-3.04	47.64	3	Vertical	338	1.64	-	32.60	5.17	34.45
PK	5.1852G	123.16	Inf	-Inf	119.75	3	Vertical	338	1.64	-	32.67	5.19	34.45
AV	5.1892G	110.94	Inf	-Inf	107.52	3	Vertical	338	1.64	-	32.68	5.19	34.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5180MHz_TX



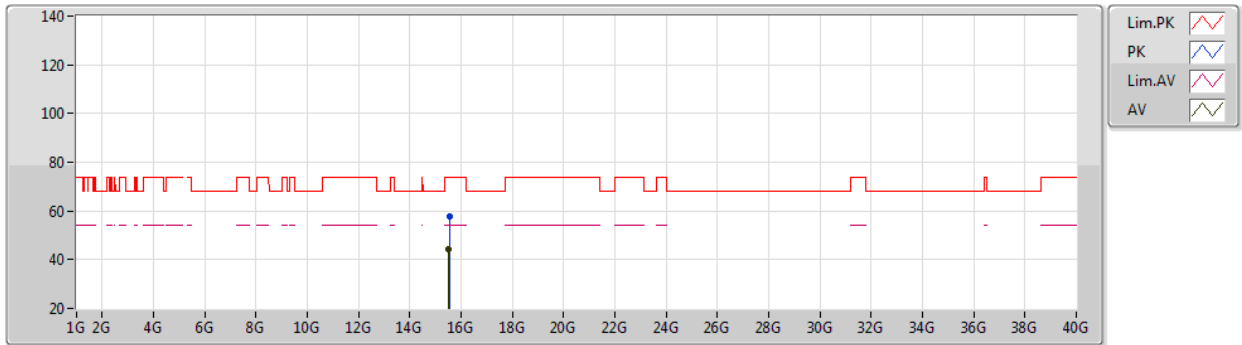
EUT_Y_4TX
Setting 27
01-F-K-4-10

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	64.91	74.00	-9.09	61.59	3	Horizontal	303	2.29	-	32.60	5.17	34.45
AV	5.1498G	49.94	54.00	-4.06	46.62	3	Horizontal	303	2.29	-	32.60	5.17	34.45
PK	5.1738G	118.24	Inf	-Inf	114.85	3	Horizontal	303	2.29	-	32.65	5.19	34.45
AV	5.1722G	105.41	Inf	-Inf	102.03	3	Horizontal	303	2.29	-	32.64	5.19	34.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5180MHz_TX



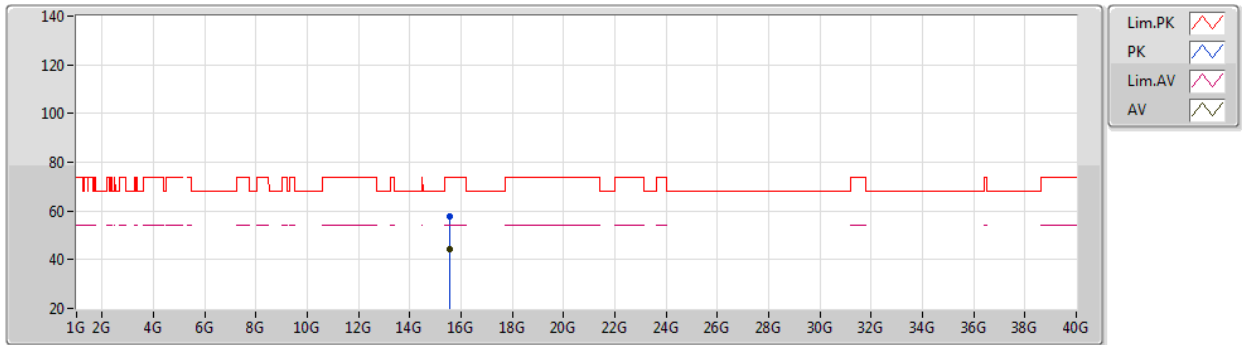
EUT_Y_4TX
Setting 27
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.54576G	57.74	74.00	-16.26	44.72	3	Vertical	22	1.80	-	38.19	9.21	34.38
AV	15.53056G	44.44	54.00	-9.56	31.43	3	Vertical	22	1.80	-	38.16	9.21	34.36

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5180MHz_TX



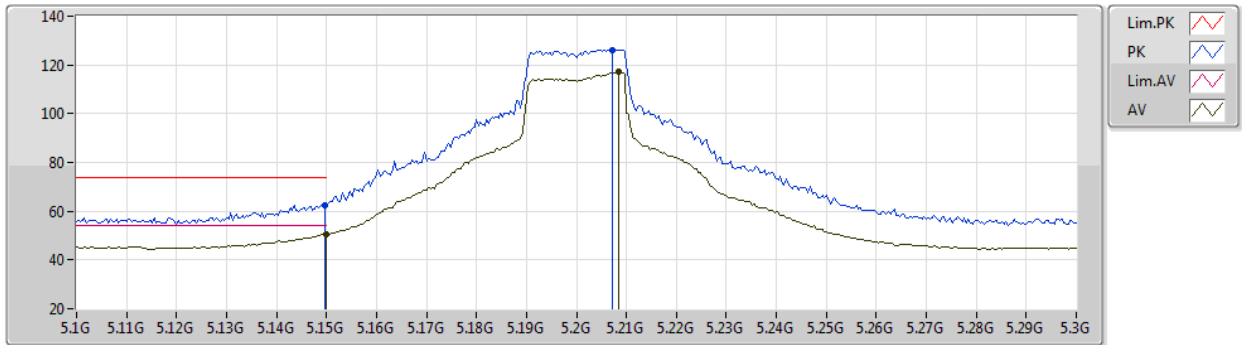
EUT_V_4TX
Setting 27
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.54164G	57.83	74.00	-16.17	44.81	3	Horizontal	112	2.67	-	38.18	9.21	34.37
AV	15.53996G	44.44	54.00	-9.56	31.42	3	Horizontal	112	2.67	-	38.18	9.21	34.37

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5200MHz_TX



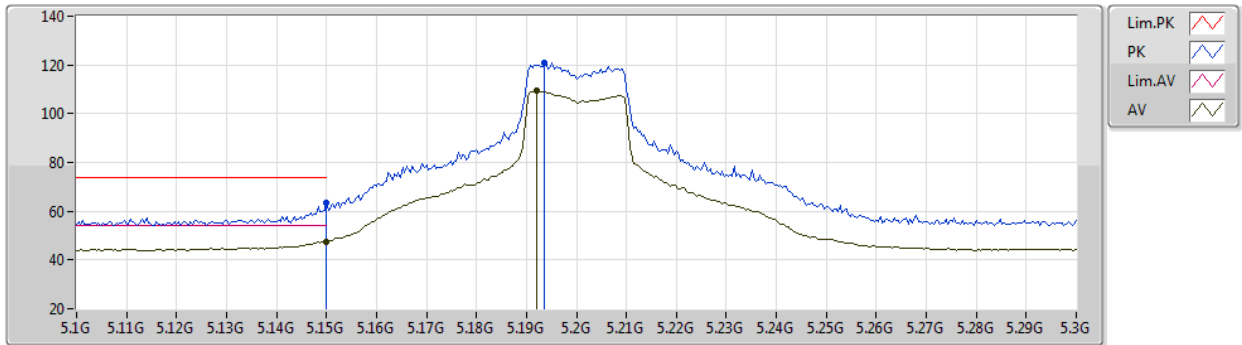
EUT Y_4TX
Setting 30
01-F-N-2-10

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	5.1496G	62.66	74.00	-11.34	59.34	3	Vertical	225	1.67	-	32.60	5.17	34.45
AV	5.15G	50.48	54.00	-3.52	47.16	3	Vertical	225	1.67	-	32.60	5.17	34.45
PK	5.2072G	125.94	Inf	-Inf	122.47	3	Vertical	225	1.67	-	32.71	5.21	34.45
AV	5.2084G	117.08	Inf	-Inf	113.59	3	Vertical	225	1.67	-	32.72	5.21	34.44

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5200MHz_TX



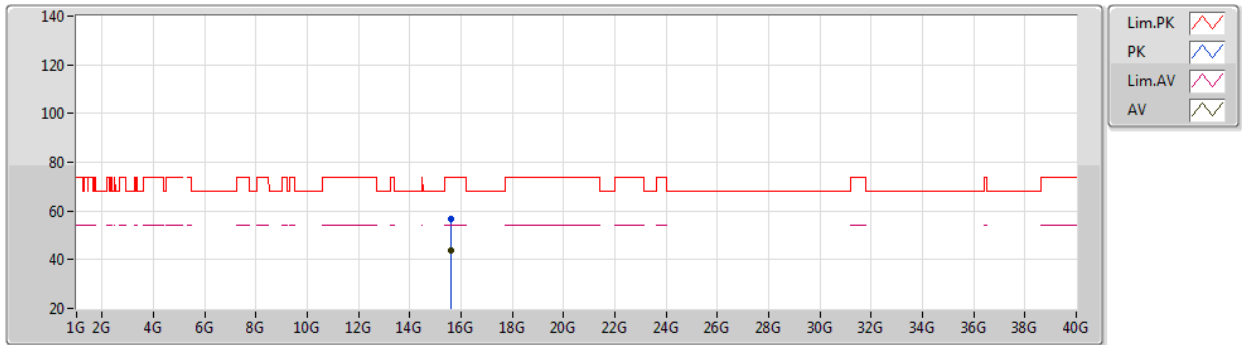
EUT Y_4TX
Setting 30
01-F-K-4-10

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	63.38	74.00	-10.62	60.06	3	Horizontal	305	2.42	-	32.60	5.17	34.45
AV	5.15G	47.45	54.00	-6.55	44.13	3	Horizontal	305	2.42	-	32.60	5.17	34.45
PK	5.1936G	121.02	Inf	-Inf	117.58	3	Horizontal	305	2.42	-	32.69	5.20	34.45
AV	5.192G	109.46	Inf	-Inf	106.03	3	Horizontal	305	2.42	-	32.68	5.20	34.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5200MHz_TX



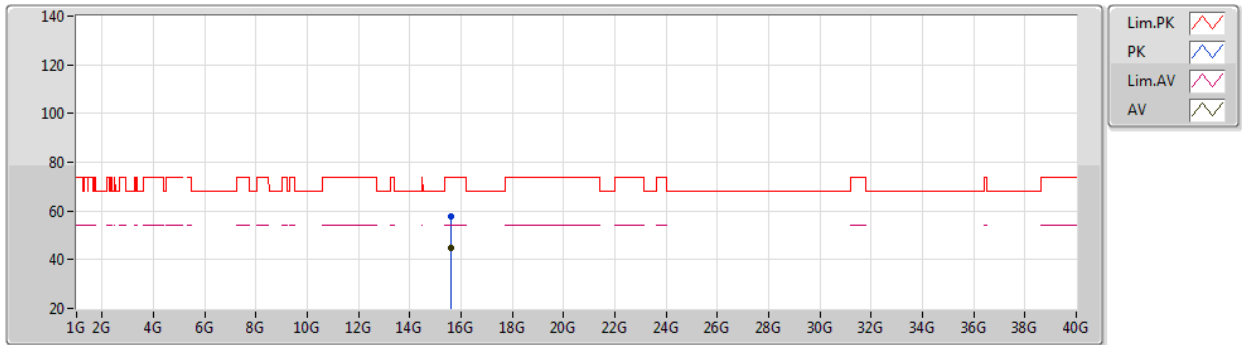
EUT_V_4TX
Setting 30
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.59348G	56.55	74.00	-17.45	43.46	3	Vertical	1	2.02	-	38.29	9.22	34.42
AV	15.59024G	44.04	54.00	-9.96	30.96	3	Vertical	1	2.02	-	38.28	9.22	34.42

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5200MHz_TX



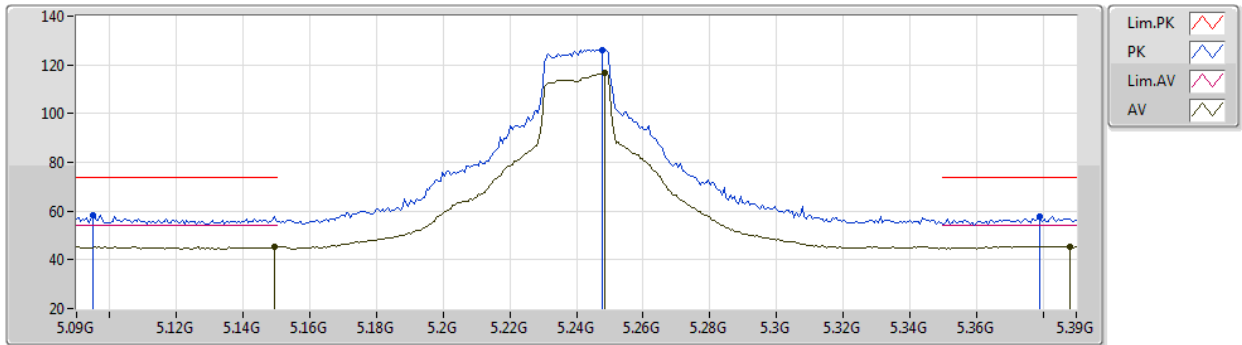
EUT_V_4TX
Setting 30
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.60492G	57.61	74.00	-16.39	44.52	3	Horizontal	76	1.80	-	38.30	9.22	34.43
AV	15.59008G	44.66	54.00	-9.34	31.58	3	Horizontal	76	1.80	-	38.28	9.22	34.42

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5240MHz_TX

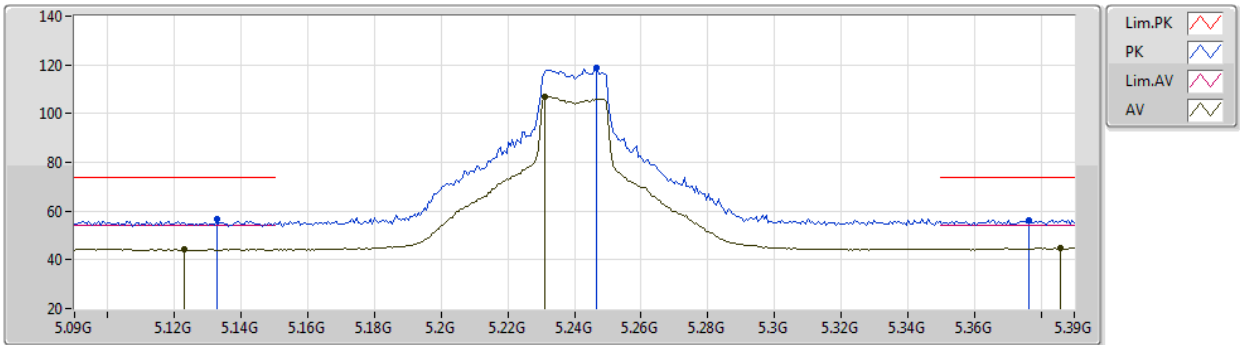

EUT Y_4TX
Setting 30
01-F-N-2-10

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	5.0948G	58.41	74.00	-15.59	55.12	3	Vertical	217	1.64	-	32.60	5.15	34.46
AV	5.1494G	45.27	54.00	-8.73	41.95	3	Vertical	217	1.64	-	32.60	5.17	34.45
PK	5.2478G	126.07	Inf	-Inf	122.46	3	Vertical	217	1.64	-	32.80	5.25	34.44
AV	5.2484G	116.62	Inf	-Inf	113.01	3	Vertical	217	1.64	-	32.80	5.25	34.44
PK	5.3792G	57.97	74.00	-16.03	53.93	3	Vertical	217	1.64	-	33.08	5.38	34.42
AV	5.3882G	45.52	54.00	-8.48	41.42	3	Vertical	217	1.64	-	33.13	5.39	34.42

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5240MHz_TX

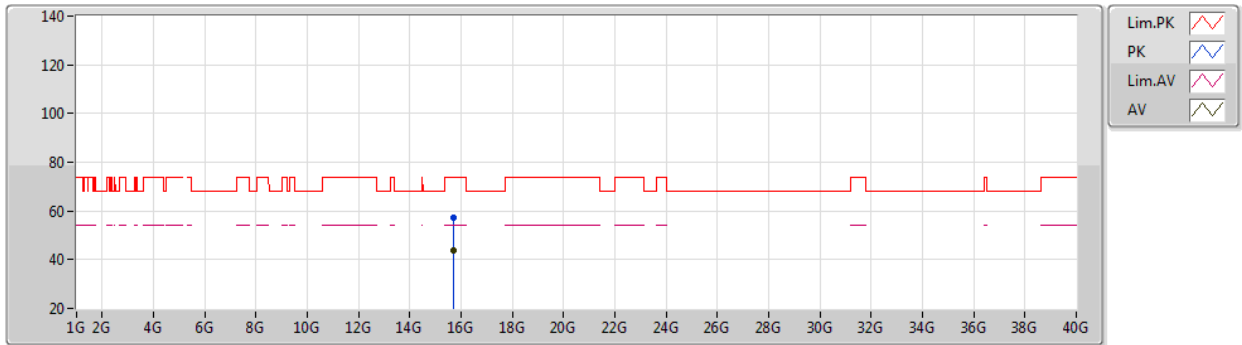

EUT Y_4TX
Setting 30
01-F-K-4-10

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	5.1326G	56.90	74.00	-17.10	53.58	3	Horizontal	149	1.80	-	32.60	5.17	34.45
AV	5.123G	44.50	54.00	-9.50	41.20	3	Horizontal	149	1.80	-	32.60	5.16	34.46
PK	5.2466G	118.92	Inf	-Inf	115.32	3	Horizontal	149	1.80	-	32.79	5.25	34.44
AV	5.231G	107.15	Inf	-Inf	103.60	3	Horizontal	149	1.80	-	32.76	5.23	34.44
PK	5.3762G	56.45	74.00	-17.55	52.43	3	Horizontal	149	1.80	-	33.06	5.38	34.42
AV	5.3858G	44.89	54.00	-9.11	40.81	3	Horizontal	149	1.80	-	33.11	5.39	34.42

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5240MHz_TX



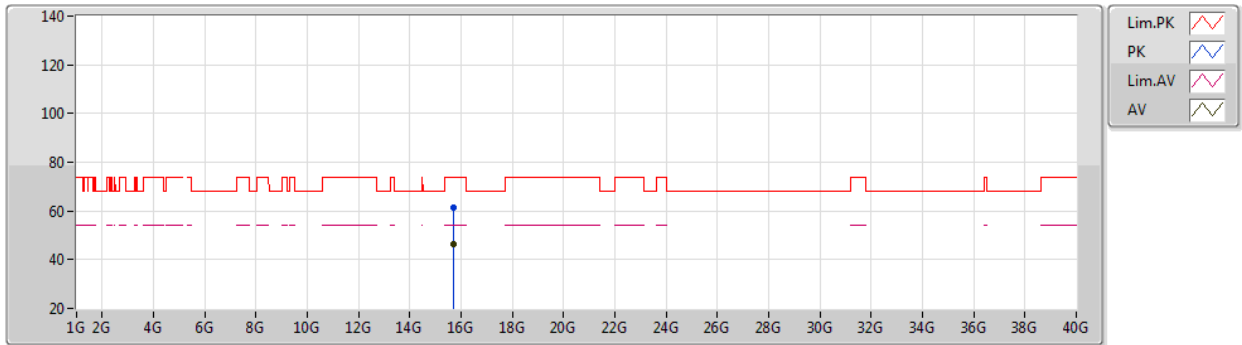
EUT Y_4TX
Setting 30
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.7172G	57.05	74.00	-16.95	43.96	3	Vertical	359	1.80	-	38.40	9.24	34.55
AV	15.71432G	43.84	54.00	-10.16	30.74	3	Vertical	359	1.80	-	38.40	9.24	34.54

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5240MHz_TX



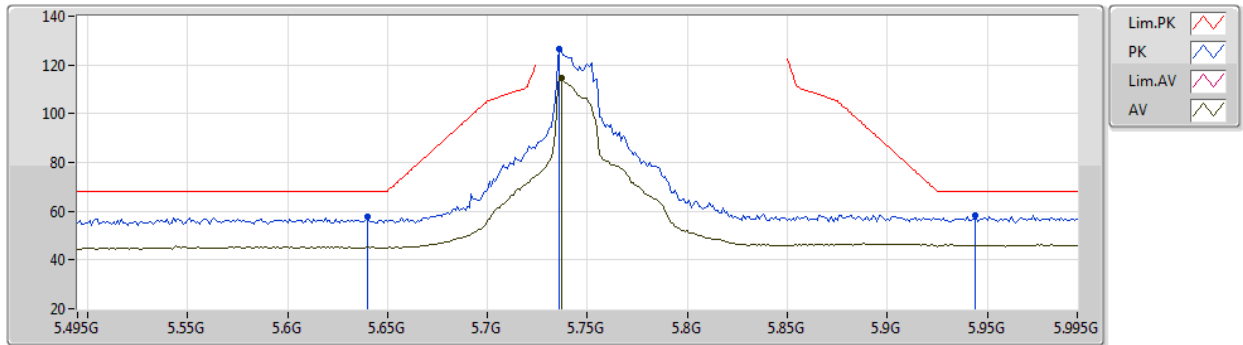
EUT V_4TX
Setting 30
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.71372G	61.15	74.00	-12.85	48.05	3	Horizontal	84	2.61	-	38.40	9.24	34.54
AV	15.71036G	46.50	54.00	-7.50	33.40	3	Horizontal	84	2.61	-	38.40	9.24	34.54

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5745MHz_TX



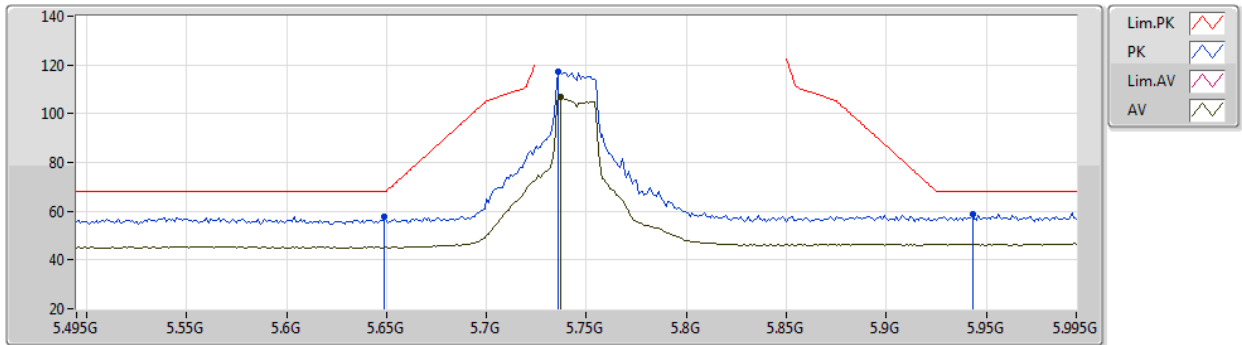
EUT Y_4TX
Setting 30
01-F-N-2-10

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	57.72	68.20	-10.48	52.88	3	Vertical	92	1.64	-	33.88	5.42	34.46
PK	5.736G	126.48	Inf	-Inf	121.46	3	Vertical	92	1.64	-	34.04	5.47	34.49
AV	5.737G	114.87	Inf	-Inf	109.84	3	Vertical	92	1.64	-	34.05	5.47	34.49
PK	5.944G	58.35	68.20	-9.85	52.43	3	Vertical	92	1.64	-	34.98	5.50	34.56

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5745MHz_TX



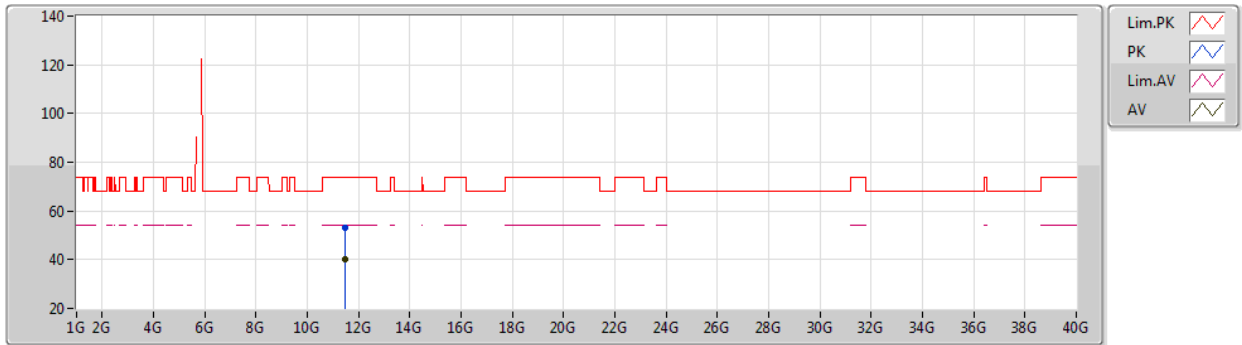
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Setting 30
01-F-K-4-10

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	57.74	68.20	-10.46	52.88	3	Horizontal	125	2.30	-	33.90	5.42	34.46
PK	5.736G	117.12	Inf	-Inf	112.10	3	Horizontal	125	2.30	-	34.04	5.47	34.49
AV	5.737G	107.10	Inf	-Inf	102.07	3	Horizontal	125	2.30	-	34.05	5.47	34.49
PK	5.943G	58.72	68.20	-9.48	52.81	3	Horizontal	125	2.30	-	34.97	5.50	34.56

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5745MHz_TX



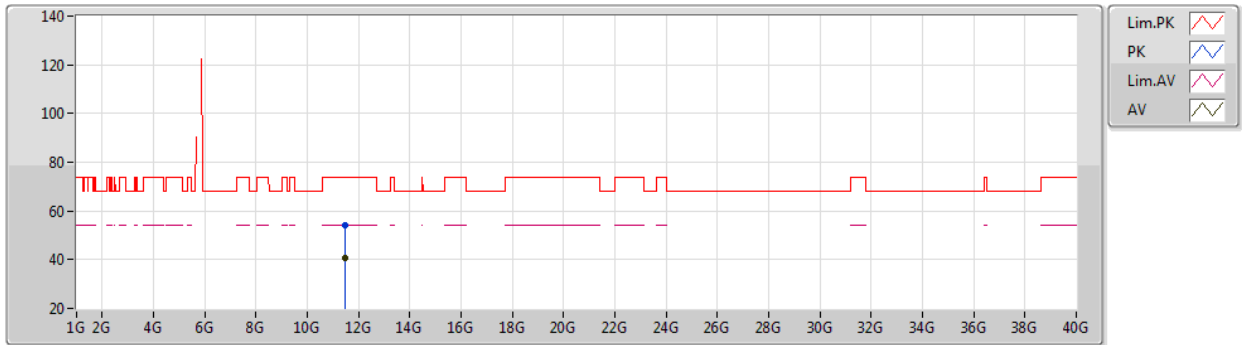
EUT_V_4TX
Setting 30
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.49584G	53.15	74.00	-20.85	41.40	3	Vertical	210	3.00	-	38.40	7.82	34.47
AV	11.49288G	40.09	54.00	-13.91	28.34	3	Vertical	210	3.00	-	38.40	7.82	34.47

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5745MHz_TX



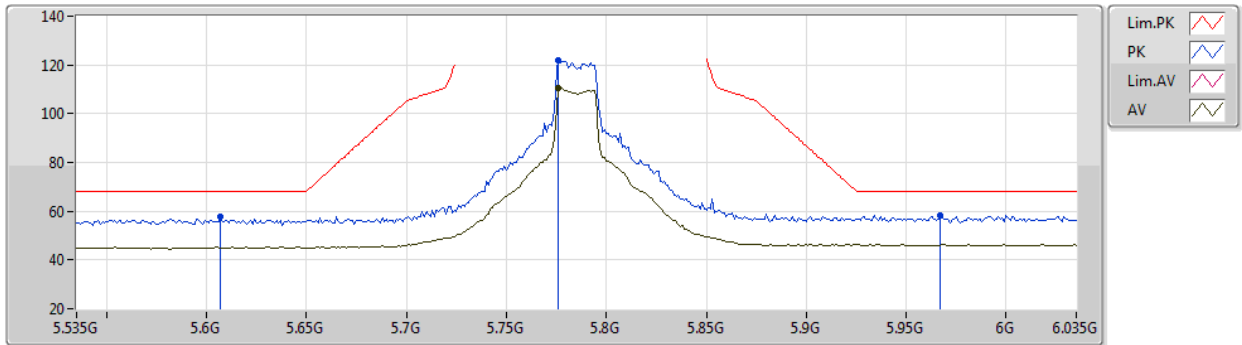
EUT V_4TX
Setting 30
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.495G	53.97	74.00	-20.03	42.22	3	Horizontal	129	1.80	-	38.40	7.82	34.47
AV	11.49028G	40.78	54.00	-13.22	29.03	3	Horizontal	129	1.80	-	38.40	7.82	34.47

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5785MHz_TX



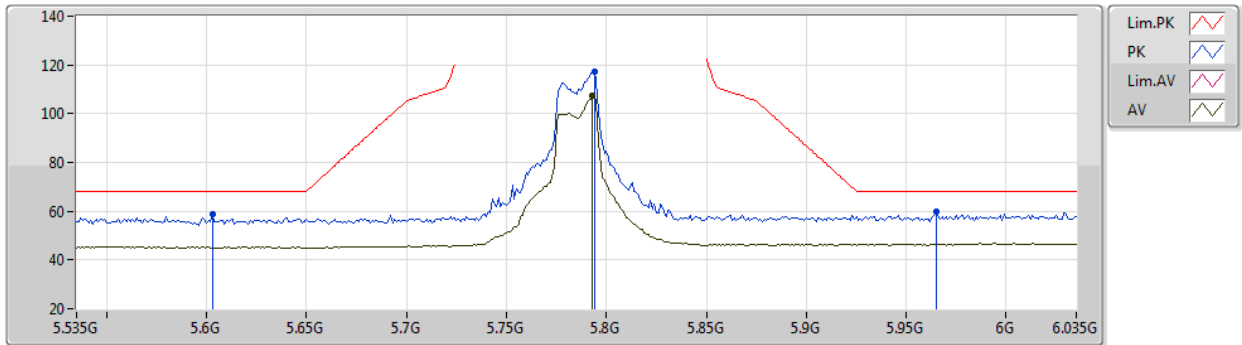
EUT Y_4TX
Setting 30
01-F-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.607G	57.65	68.20	-10.55	52.89	3	Vertical	158	1.44	-	33.81	5.40	34.45
PK	5.776G	121.83	Inf	-Inf	116.64	3	Vertical	158	1.44	-	34.20	5.49	34.50
AV	5.776G	110.44	Inf	-Inf	105.25	3	Vertical	158	1.44	-	34.20	5.49	34.50
PK	5.967G	58.44	68.20	-9.76	52.44	3	Vertical	158	1.44	-	35.07	5.50	34.57

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5785MHz_TX



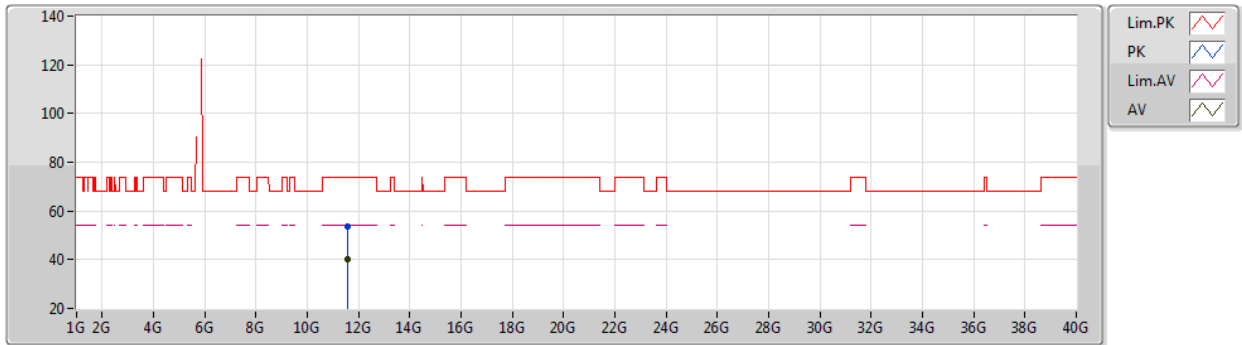
EUT Y_4TX
Setting 30
01-F-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.603G	58.61	68.20	-9.59	53.85	3	Horizontal	302	1.21	-	33.81	5.40	34.45
PK	5.794G	117.22	Inf	-Inf	111.95	3	Horizontal	302	1.21	-	34.28	5.50	34.51
AV	5.793G	107.28	Inf	-Inf	102.02	3	Horizontal	302	1.21	-	34.27	5.50	34.51
PK	5.965G	59.65	68.20	-8.55	53.66	3	Horizontal	302	1.21	-	35.06	5.50	34.57

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5785MHz_TX



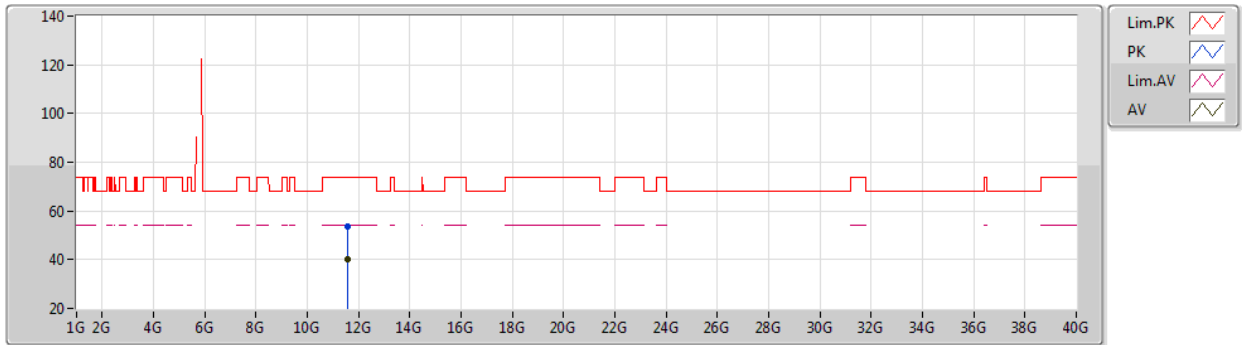
EUT_V_4TX
Setting 30
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5766G	53.50	74.00	-20.50	41.73	3	Vertical	300	1.80	-	38.40	7.85	34.48
AV	11.56056G	39.99	54.00	-14.01	28.22	3	Vertical	300	1.80	-	38.40	7.85	34.48

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5785MHz_TX



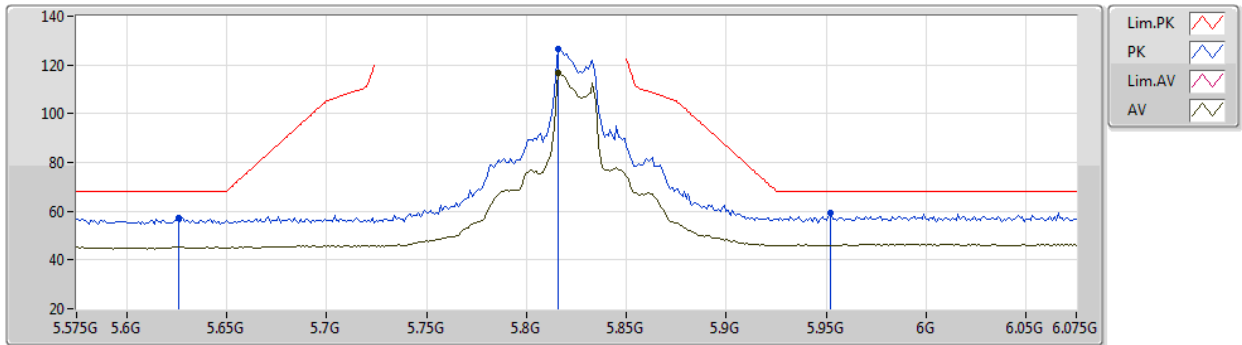
EUT_V_4TX
Setting 30
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5624G	53.81	74.00	-20.19	42.04	3	Horizontal	262	2.85	-	38.40	7.85	34.48
AV	11.56156G	40.38	54.00	-13.62	28.61	3	Horizontal	262	2.85	-	38.40	7.85	34.48

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5825MHz_TX



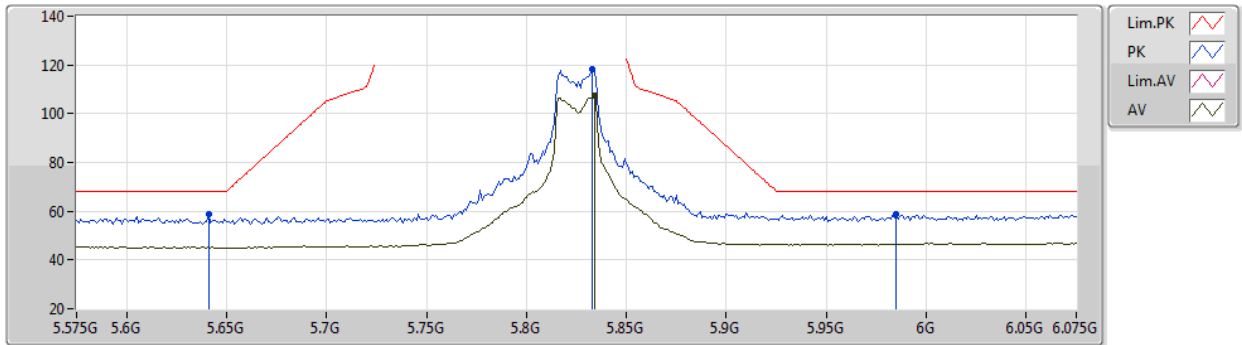
EUT Y_4TX
Setting 30
01-F-N-2-10

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	5.626G	57.37	68.20	-10.83	52.56	3	Vertical	272	1.76	-	33.85	5.41	34.45
PK	5.816G	126.73	Inf	-Inf	121.39	3	Vertical	272	1.76	-	34.36	5.50	34.52
AV	5.816G	116.97	Inf	-Inf	111.63	3	Vertical	272	1.76	-	34.36	5.50	34.52
PK	5.952G	59.27	68.20	-8.93	53.32	3	Vertical	272	1.76	-	35.01	5.50	34.56

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5825MHz_TX



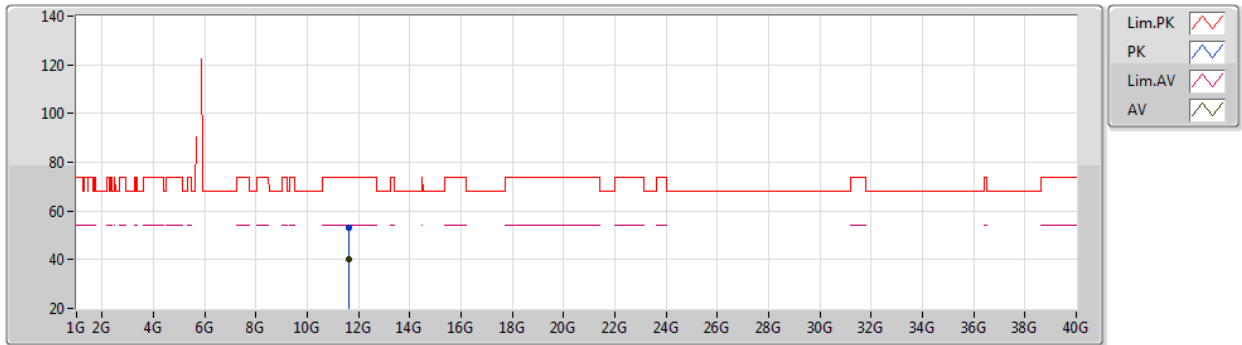
EUT Y_4TX
Setting 30
01-F-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.641G	58.72	68.20	-9.48	53.88	3	Horizontal	179	1.82	-	33.88	5.42	34.46
PK	5.833G	118.09	Inf	-Inf	112.68	3	Horizontal	179	1.82	-	34.43	5.50	34.52
AV	5.834G	107.33	Inf	-Inf	101.91	3	Horizontal	179	1.82	-	34.44	5.50	34.52
PK	5.985G	58.65	68.20	-9.55	52.58	3	Horizontal	179	1.82	-	35.14	5.50	34.57

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5825MHz_TX



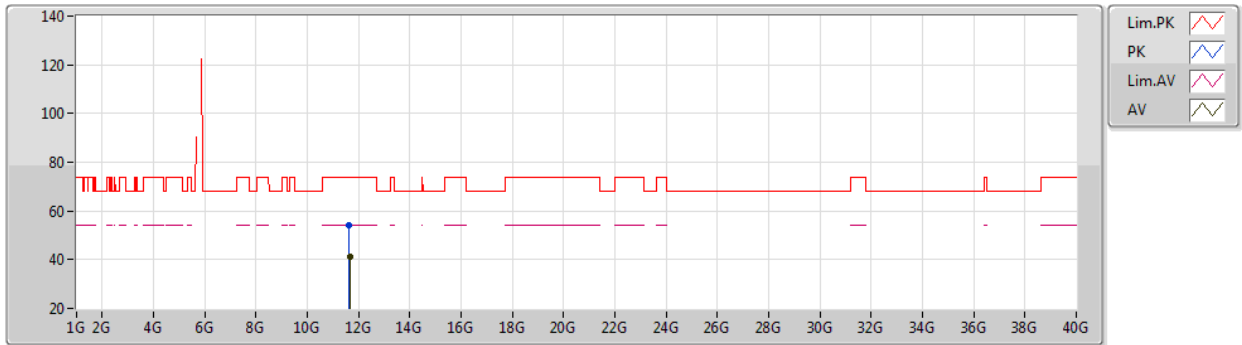
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Setting 30
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.64596G	53.19	74.00	-20.81	41.35	3	Vertical	300	3.00	-	38.45	7.88	34.49
AV	11.64408G	39.92	54.00	-14.08	28.09	3	Vertical	300	3.00	-	38.44	7.88	34.49

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

26/02/2021

5825MHz_TX



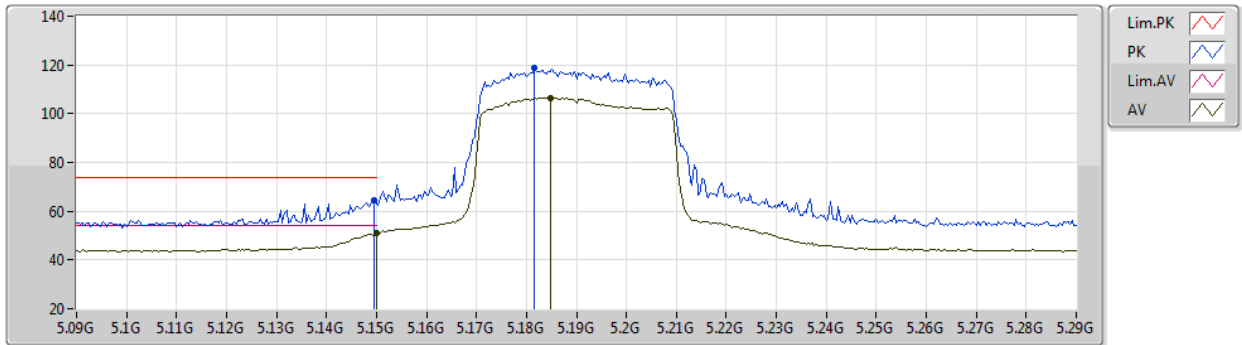
EUT_V_4TX
Setting 30
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.6452G	54.10	74.00	-19.90	42.26	3	Horizontal	285	1.48	-	38.45	7.88	34.49
AV	11.64996G	41.29	54.00	-12.71	29.45	3	Horizontal	285	1.48	-	38.45	7.88	34.49

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

26/02/2021

5190MHz_TX

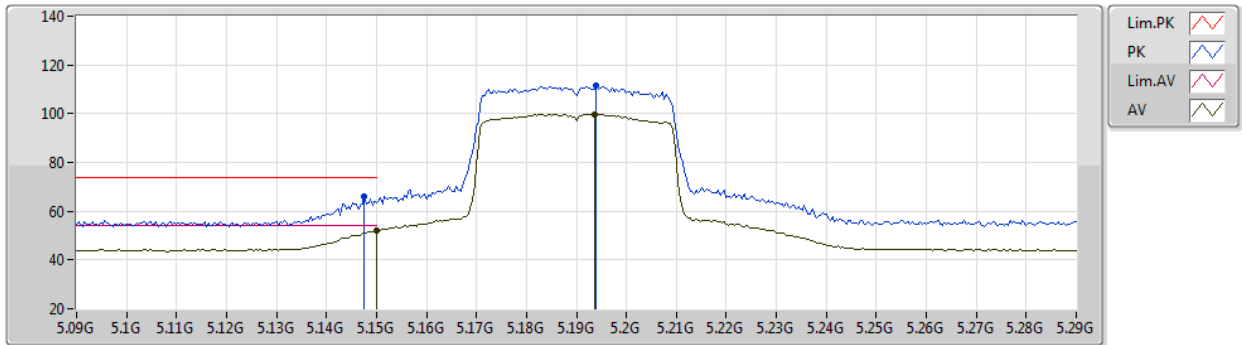

EUT Y_4TX
Setting 24
01-F-N-2-10

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	5.1496G	64.50	74.00	-9.50	61.18	3	Vertical	343	1.65	-	32.60	5.17	34.45
AV	5.15G	50.92	54.00	-3.08	47.60	3	Vertical	343	1.65	-	32.60	5.17	34.45
PK	5.1816G	118.56	Inf	-Inf	115.16	3	Vertical	343	1.65	-	32.66	5.19	34.45
AV	5.1848G	106.38	Inf	-Inf	102.97	3	Vertical	343	1.65	-	32.67	5.19	34.45

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

26/02/2021

5190MHz_TX



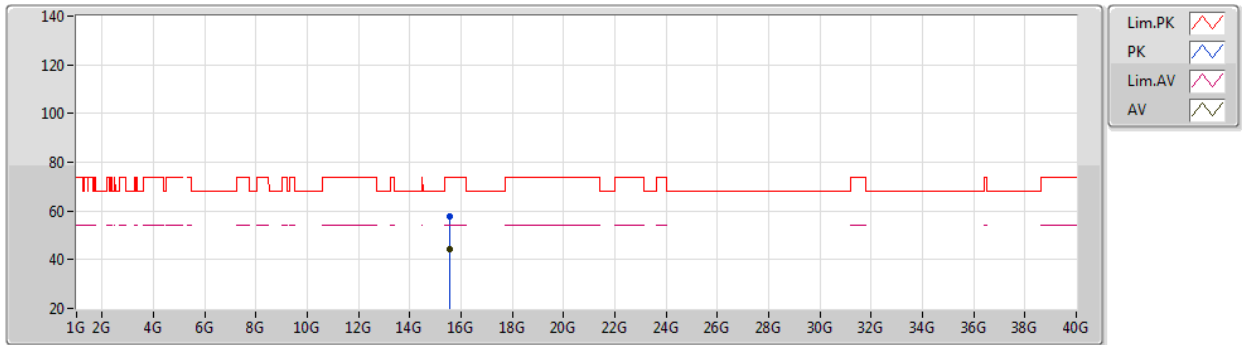
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Setting 24
01-F-K-4-10

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	66.15	74.00	-7.85	62.83	3	Horizontal	301	1.70	-	32.60	5.17	34.45
AV	5.15G	51.93	54.00	-2.07	48.61	3	Horizontal	301	1.70	-	32.60	5.17	34.45
PK	5.194G	111.72	Inf	-Inf	108.28	3	Horizontal	301	1.70	-	32.69	5.20	34.45
AV	5.1936G	99.84	Inf	-Inf	96.40	3	Horizontal	301	1.70	-	32.69	5.20	34.45

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

26/02/2021

5190MHz_TX



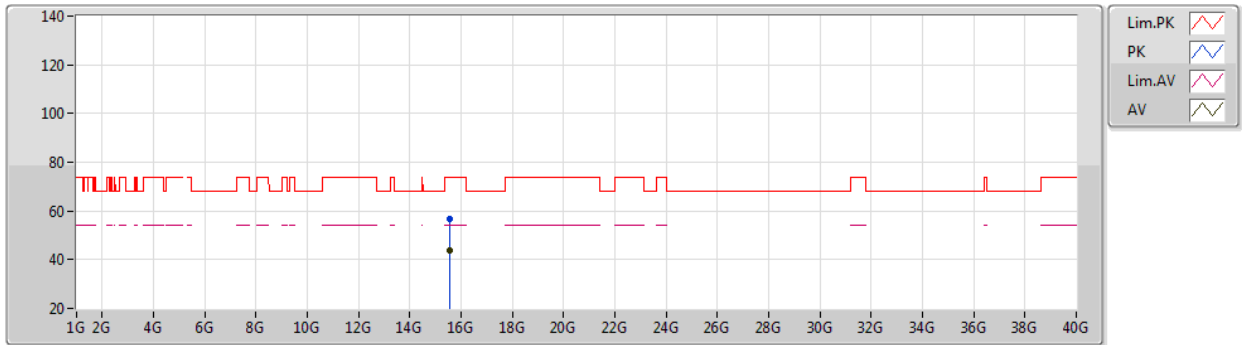
EUT_V_4TX
Setting 24
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.56332G	57.67	74.00	-16.33	44.62	3	Vertical	130	1.80	-	38.23	9.21	34.39
AV	15.57532G	44.24	54.00	-9.76	31.18	3	Vertical	130	1.80	-	38.25	9.22	34.41

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

26/02/2021

5190MHz_TX



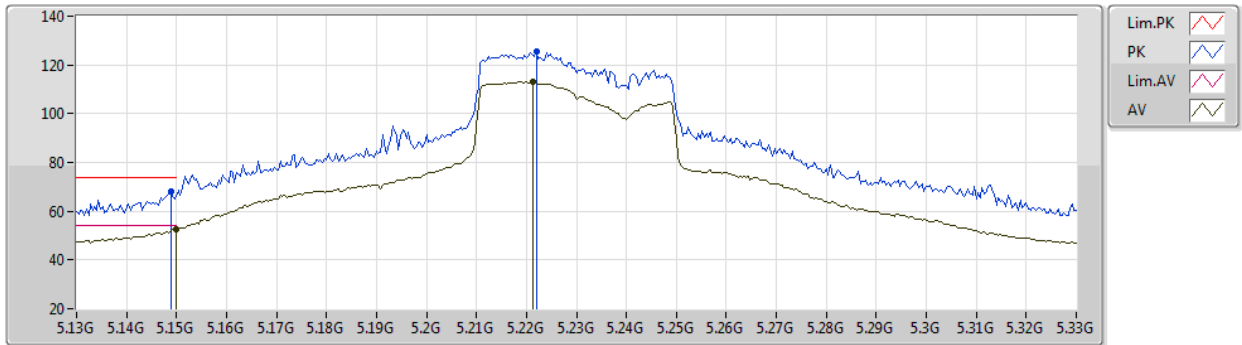
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Setting 24
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.56092G	56.92	74.00	-17.08	43.88	3	Horizontal	66	2.34	-	38.22	9.21	34.39
AV	15.57252G	43.57	54.00	-10.43	30.51	3	Horizontal	66	2.34	-	38.25	9.21	34.40

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

26/02/2021

5230MHz_TX



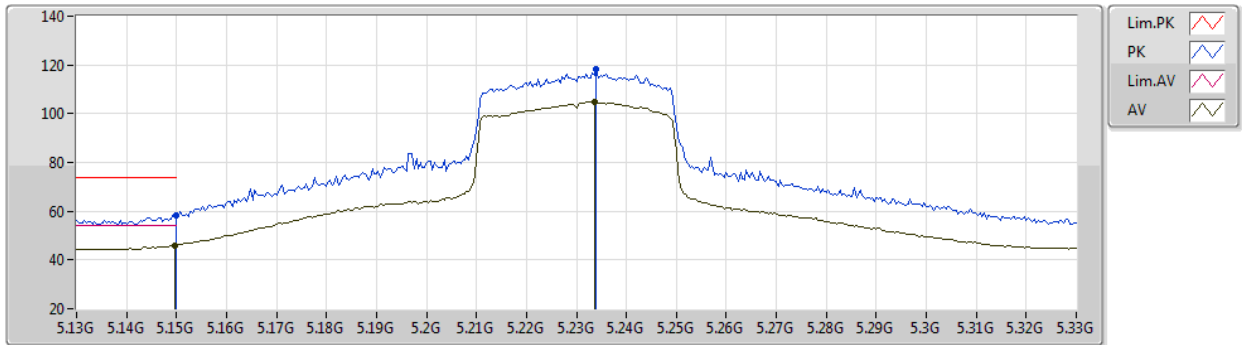
EUT Y_4TX
Setting 29
01-F-N-2-10

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	68.23	74.00	-5.77	64.91	3	Vertical	232	1.62	-	32.60	5.17	34.45
AV	5.15G	52.82	54.00	-1.18	49.50	3	Vertical	232	1.62	-	32.60	5.17	34.45
PK	5.222G	125.51	Inf	-Inf	121.99	3	Vertical	232	1.62	-	32.74	5.22	34.44
AV	5.2212G	113.12	Inf	-Inf	109.60	3	Vertical	232	1.62	-	32.74	5.22	34.44

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

26/02/2021

5230MHz_TX



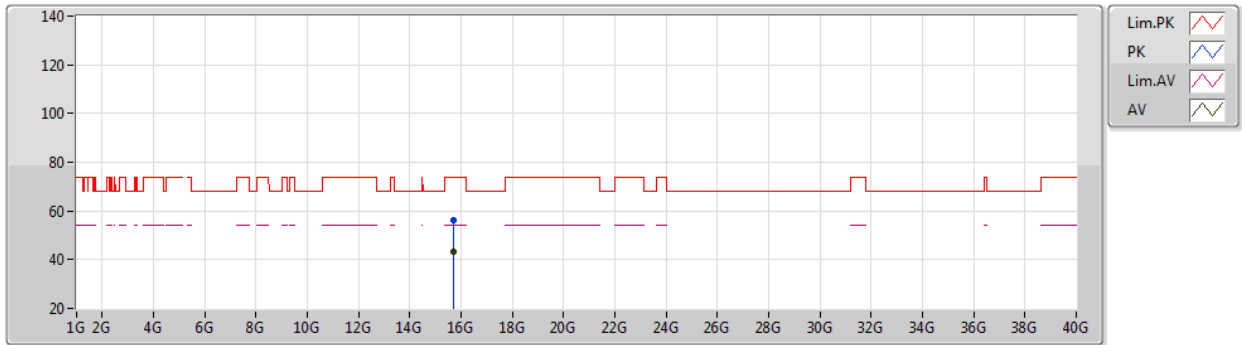
EUT Y_4TX
Setting 29
01-F-K-4-10

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	58.37	74.00	-15.63	55.05	3	Horizontal	152	1.66	-	32.60	5.17	34.45
AV	5.1496G	46.06	54.00	-7.94	42.74	3	Horizontal	152	1.66	-	32.60	5.17	34.45
PK	5.234G	118.05	Inf	-Inf	114.49	3	Horizontal	152	1.66	-	32.77	5.23	34.44
AV	5.2336G	104.87	Inf	-Inf	101.31	3	Horizontal	152	1.66	-	32.77	5.23	34.44

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

26/02/2021

5230MHz_TX



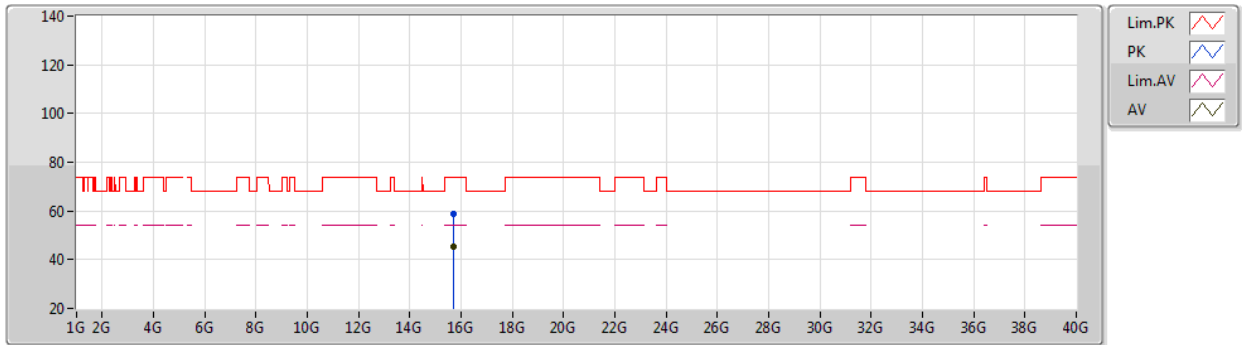
EUT_V_4TX
Setting 29
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.68448G	56.41	74.00	-17.59	43.30	3	Vertical	289	1.80	-	38.38	9.24	34.51
AV	15.7G	43.50	54.00	-10.50	30.39	3	Vertical	289	1.80	-	38.40	9.24	34.53

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

26/02/2021

5230MHz_TX



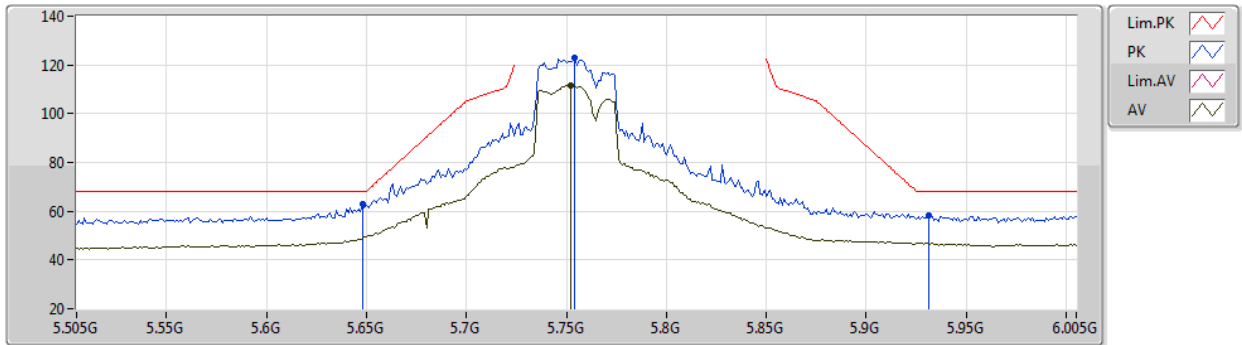
EUT_V_4TX
Setting 29
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.69436G	58.81	74.00	-15.19	45.70	3	Horizontal	269	1.79	-	38.39	9.24	34.52
AV	15.69308G	45.23	54.00	-8.77	32.12	3	Horizontal	269	1.79	-	38.39	9.24	34.52

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

26/02/2021

5755MHz_TX



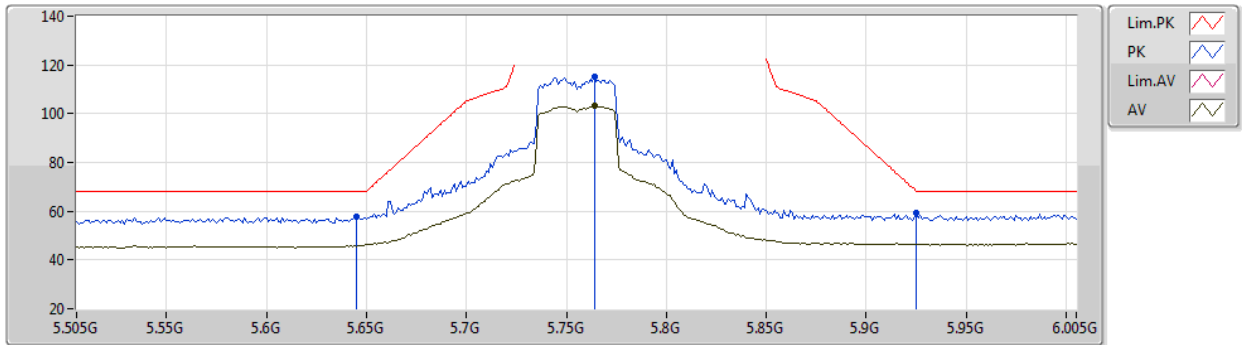
EUT Y_4TX
Setting 30
01-F-N-2-10

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	5.648G	62.75	68.20	-5.45	57.89	3	Vertical	271	1.73	-	33.90	5.42	34.46
PK	5.754G	122.82	Inf	-Inf	117.72	3	Vertical	271	1.73	-	34.12	5.48	34.50
AV	5.752G	111.53	Inf	-Inf	106.44	3	Vertical	271	1.73	-	34.11	5.48	34.50
PK	5.931G	58.06	68.20	-10.14	52.20	3	Vertical	271	1.73	-	34.92	5.50	34.56

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

26/02/2021

5755MHz_TX



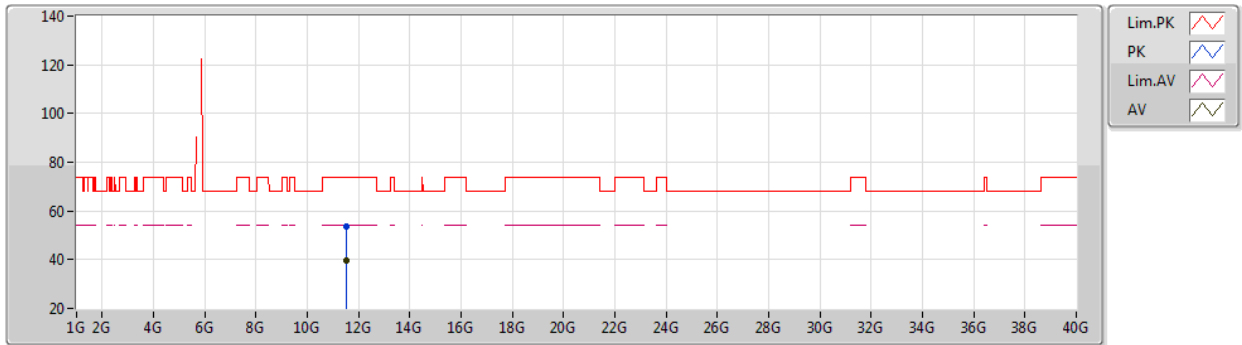
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Setting 30
01-F-K-4-10

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	5.645G	57.59	68.20	-10.61	52.74	3	Horizontal	177	1.80	-	33.89	5.42	34.46
PK	5.764G	115.15	Inf	-Inf	110.01	3	Horizontal	177	1.80	-	34.16	5.48	34.50
AV	5.764G	103.06	Inf	-Inf	97.92	3	Horizontal	177	1.80	-	34.16	5.48	34.50
PK	5.925G	59.45	68.20	-8.75	53.60	3	Horizontal	177	1.80	-	34.90	5.50	34.55

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

26/02/2021

5755MHz_TX



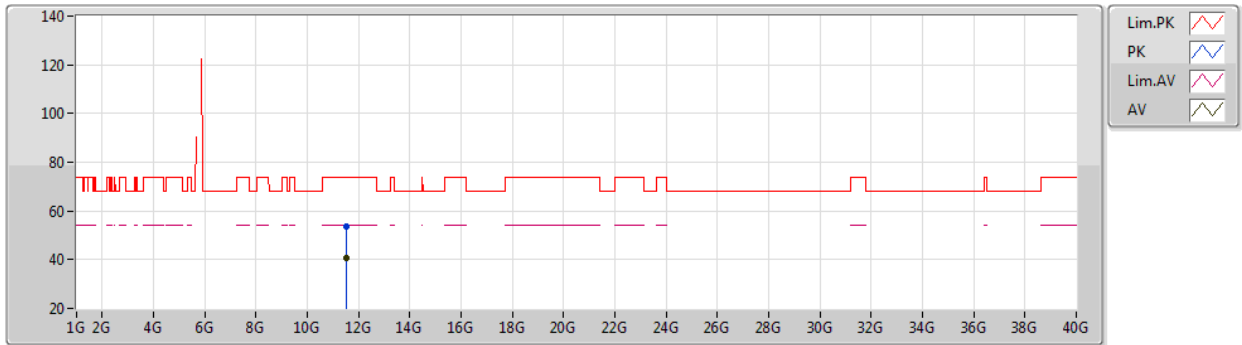
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Setting 30
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.50752G	53.76	74.00	-20.24	42.00	3	Vertical	1	2.23	-	38.40	7.83	34.47
AV	11.50396G	39.76	54.00	-14.24	28.00	3	Vertical	1	2.23	-	38.40	7.83	34.47

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

26/02/2021

5755MHz_TX



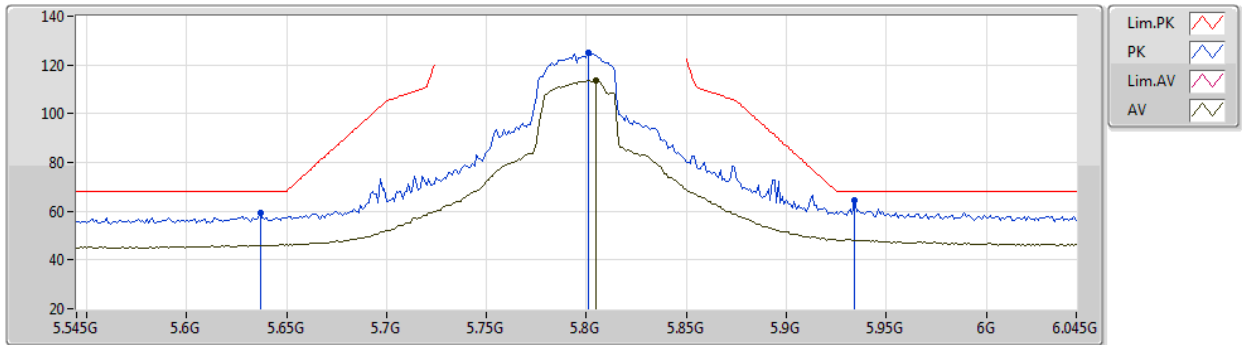
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Setting 30
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.51804G	53.75	74.00	-20.25	41.99	3	Horizontal	100	2.99	-	38.40	7.83	34.47
AV	11.51G	40.67	54.00	-13.33	28.91	3	Horizontal	100	2.99	-	38.40	7.83	34.47

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

26/02/2021

5795MHz_TX

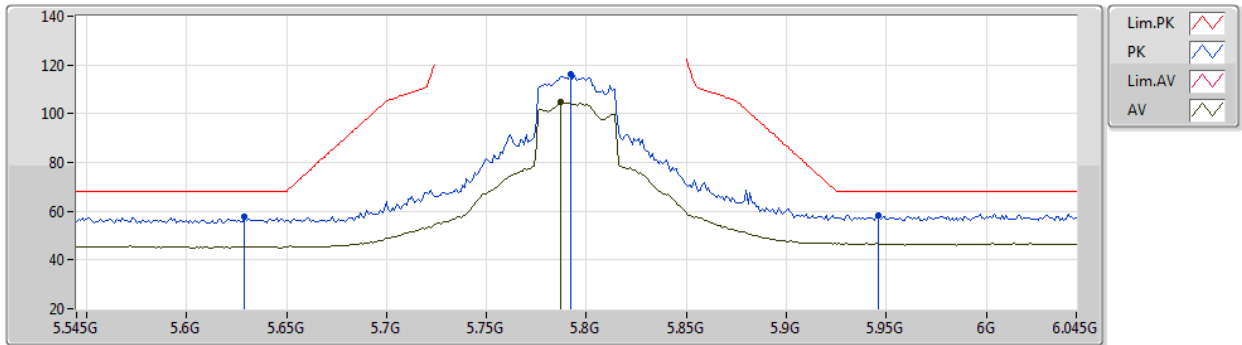

EUT Y_4TX
Setting 30
01-F-N-2-10

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	59.23	68.20	-8.97	54.40	3	Vertical	108	1.35	-	33.87	5.42	34.46
PK	5.801G	125.18	Inf	-Inf	119.89	3	Vertical	108	1.35	-	34.30	5.50	34.51
AV	5.805G	113.56	Inf	-Inf	108.25	3	Vertical	108	1.35	-	34.32	5.50	34.51
PK	5.934G	64.38	68.20	-3.82	58.50	3	Vertical	108	1.35	-	34.94	5.50	34.56

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

26/02/2021

5795MHz_TX



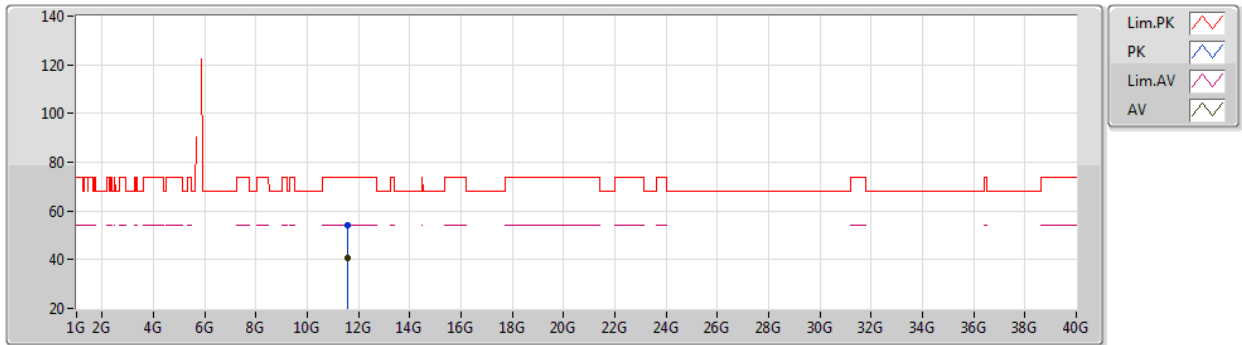
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Setting 30
01-F-K-4-10

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	5.629G	57.69	68.20	-10.51	52.87	3	Horizontal	178	1.77	-	33.86	5.41	34.45
PK	5.792G	116.32	Inf	-Inf	111.06	3	Horizontal	178	1.77	-	34.27	5.50	34.51
AV	5.787G	104.61	Inf	-Inf	99.38	3	Horizontal	178	1.77	-	34.25	5.49	34.51
PK	5.946G	58.25	68.20	-9.95	52.33	3	Horizontal	178	1.77	-	34.98	5.50	34.56

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

26/02/2021

5795MHz_TX



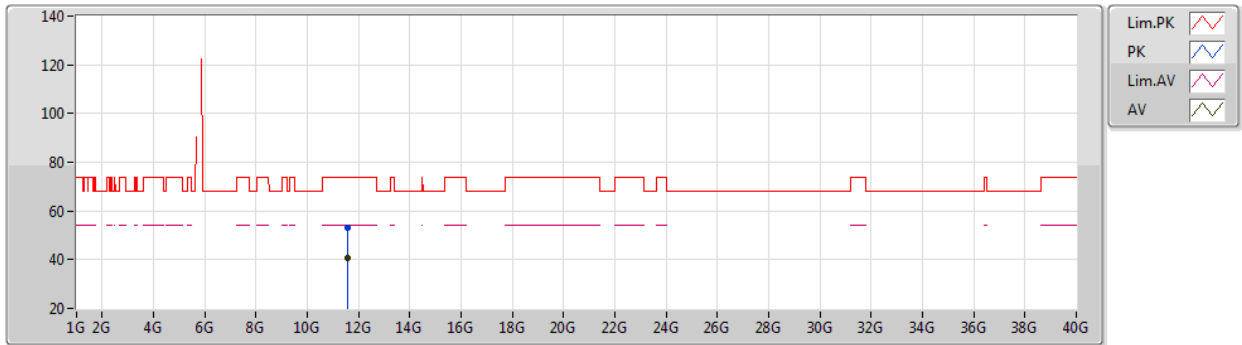
EUT Y_4TX
Setting 30
01-F-N-2

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	11.59132G	54.16	74.00	-19.84	42.38	3	Vertical	114	2.42	-	38.40	7.86	34.48
AV	11.59008G	40.82	54.00	-13.18	29.04	3	Vertical	114	2.42	-	38.40	7.86	34.48

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

26/02/2021

5795MHz_TX



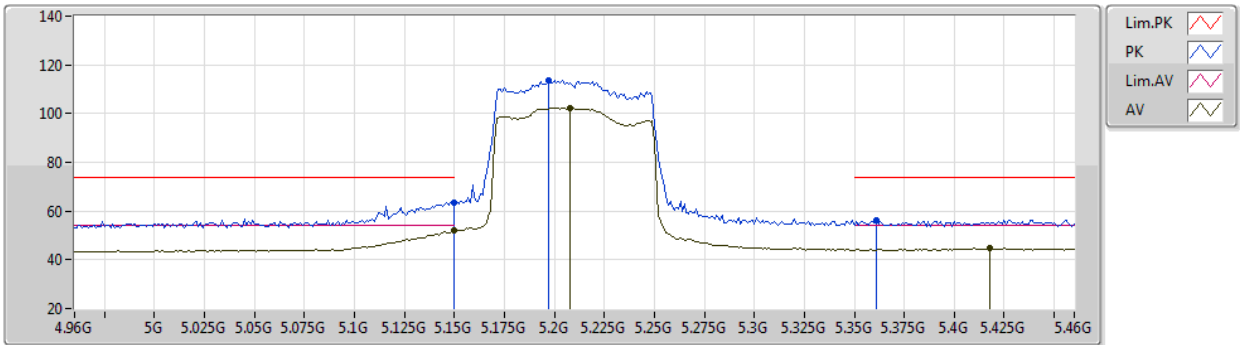
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Setting 30
01-F-N-2

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	11.58088G	53.14	74.00	-20.86	41.37	3	Horizontal	3	2.31	-	38.40	7.85	34.48
AV	11.59G	40.75	54.00	-13.25	28.97	3	Horizontal	3	2.31	-	38.40	7.86	34.48

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

26/02/2021

5210MHz_TX

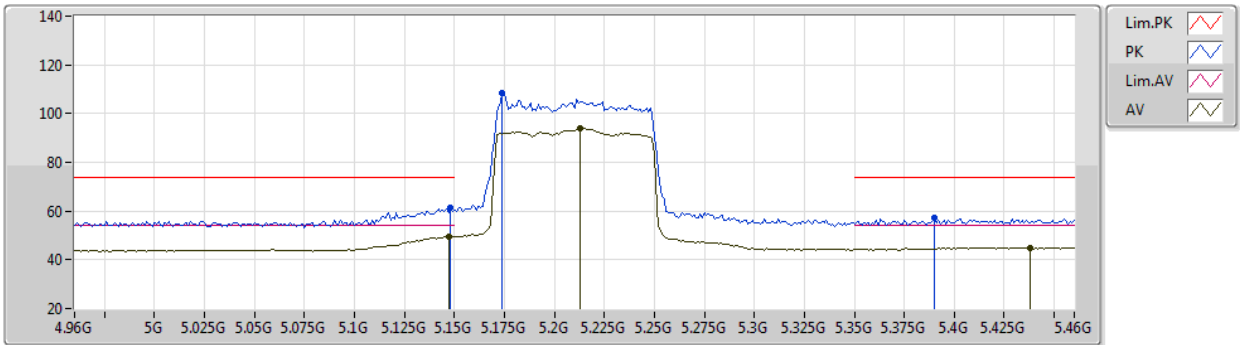

EUT Y_4TX
Setting 22
01-F-N-2-10

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	63.46	74.00	-10.54	60.14	3	Vertical	233	1.65	-	32.60	5.17	34.45
AV	5.15G	51.84	54.00	-2.16	48.52	3	Vertical	233	1.65	-	32.60	5.17	34.45
PK	5.197G	113.80	Inf	-Inf	110.36	3	Vertical	233	1.65	-	32.69	5.20	34.45
AV	5.208G	102.39	Inf	-Inf	98.91	3	Vertical	233	1.65	-	32.72	5.21	34.45
PK	5.361G	56.43	74.00	-17.57	52.53	3	Vertical	233	1.65	-	32.97	5.36	34.43
AV	5.418G	44.69	54.00	-9.31	40.44	3	Vertical	233	1.65	-	33.27	5.40	34.42

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

26/02/2021

5210MHz_TX

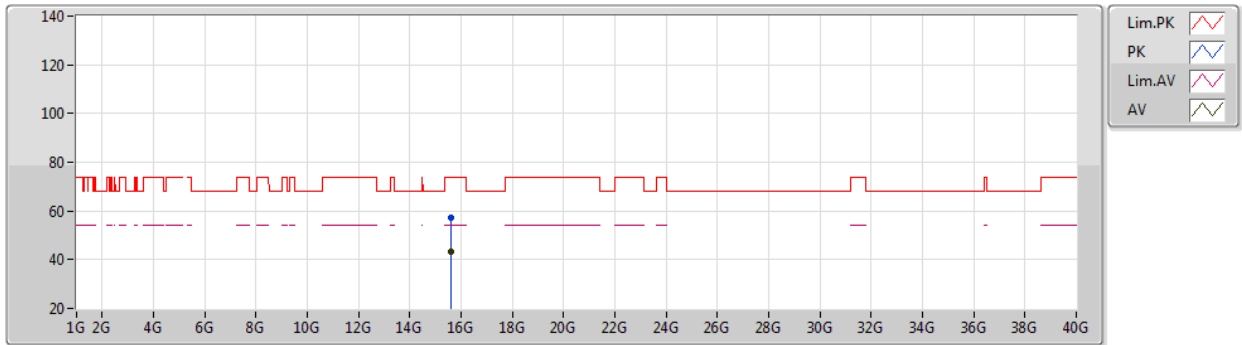

EUT Y_4TX
Setting 22
01-F-K-4-10

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	61.21	74.00	-12.79	57.89	3	Horizontal	307	1.80	-	32.60	5.17	34.45
AV	5.147G	49.58	54.00	-4.42	46.26	3	Horizontal	307	1.80	-	32.60	5.17	34.45
PK	5.174G	108.65	Inf	-Inf	105.26	3	Horizontal	307	1.80	-	32.65	5.19	34.45
AV	5.213G	94.08	Inf	-Inf	90.58	3	Horizontal	307	1.80	-	32.73	5.21	34.44
PK	5.39G	57.35	74.00	-16.65	53.24	3	Horizontal	307	1.80	-	33.14	5.39	34.42
AV	5.438G	45.01	54.00	-8.99	40.68	3	Horizontal	307	1.80	-	33.35	5.40	34.42

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

26/02/2021

5210MHz_TX



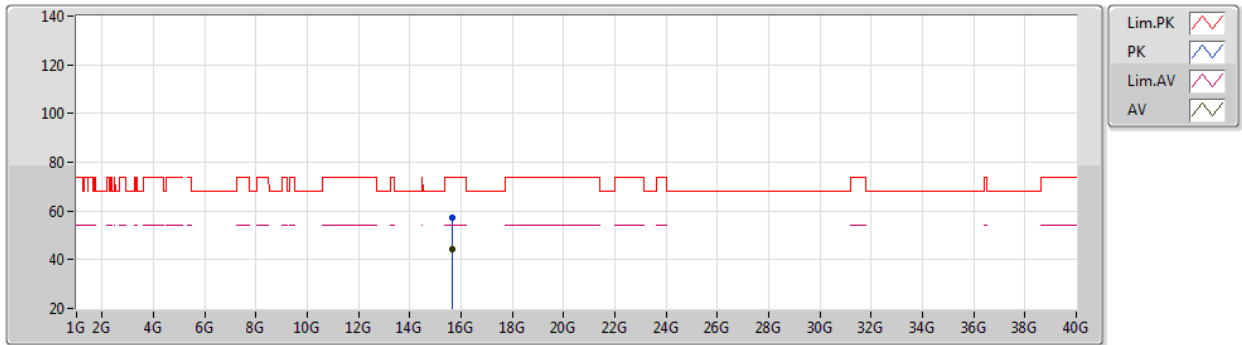
EUT_Y_4TX
Setting 22
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.62472G	57.09	74.00	-16.91	44.00	3	Vertical	185	1.80	-	38.32	9.22	34.45
AV	15.63048G	43.24	54.00	-10.76	30.14	3	Vertical	185	1.80	-	38.33	9.23	34.46

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

26/02/2021

5210MHz_TX



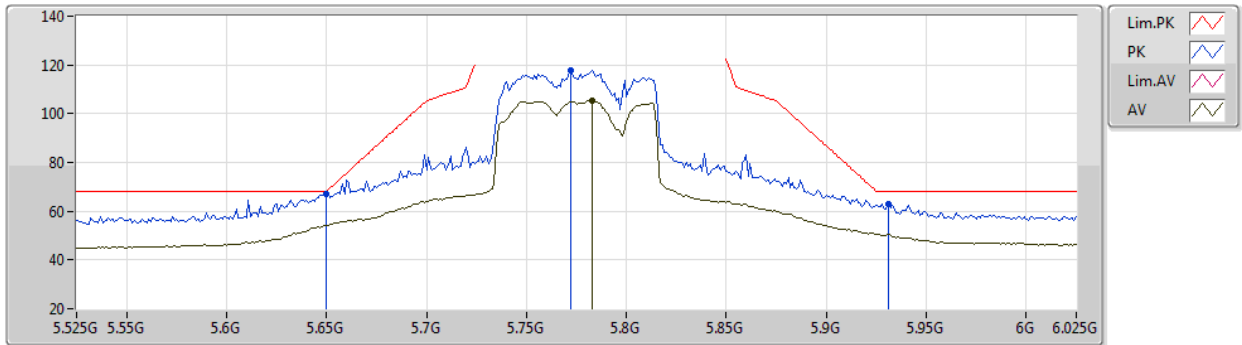
EUT_V_4TX
Setting 22
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.63212G	57.27	74.00	-16.73	44.17	3	Horizontal	75	1.80	-	38.33	9.23	34.46
AV	15.63552G	44.11	54.00	-9.89	31.01	3	Horizontal	75	1.80	-	38.34	9.23	34.47

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

26/02/2021

5775MHz_TX



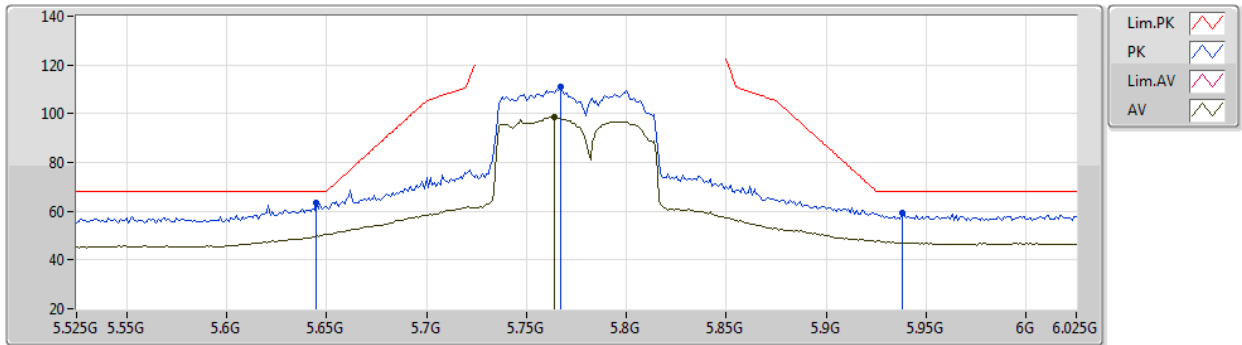
EUT Y_4TX
Setting 28
01-F-N-2-10

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	5.65G	67.08	68.20	-1.12	62.21	3	Vertical	159	1.33	-	33.90	5.43	34.46
PK	5.772G	117.68	Inf	-Inf	112.50	3	Vertical	159	1.33	-	34.19	5.49	34.50
AV	5.783G	105.37	Inf	-Inf	100.16	3	Vertical	159	1.33	-	34.23	5.49	34.51
PK	5.931G	62.74	68.20	-5.46	56.88	3	Vertical	159	1.33	-	34.92	5.50	34.56

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

26/02/2021

5775MHz_TX



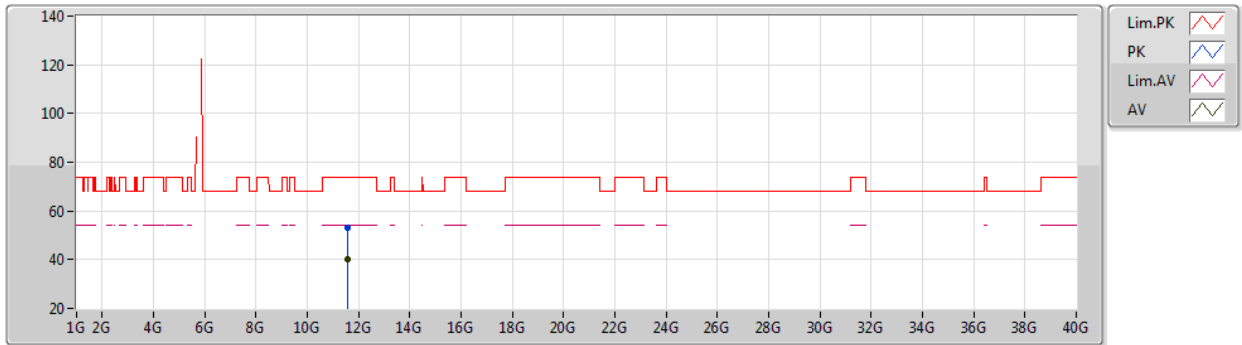
EUT Y_4TX
Setting 28
01-F-K-4-10

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	5.645G	63.38	68.20	-4.82	58.53	3	Horizontal	308	1.80	-	33.89	5.42	34.46
PK	5.767G	110.88	Inf	-Inf	105.73	3	Horizontal	308	1.80	-	34.17	5.48	34.50
AV	5.764G	98.46	Inf	-Inf	93.32	3	Horizontal	308	1.80	-	34.16	5.48	34.50
PK	5.938G	59.19	68.20	-9.01	53.30	3	Horizontal	308	1.80	-	34.95	5.50	34.56

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

26/02/2021

5775MHz_TX



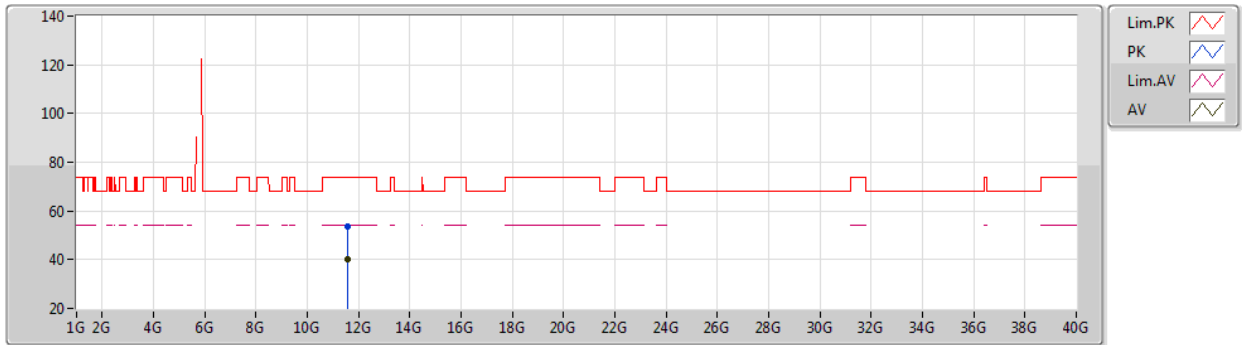
EUT_V_4TX
Setting 28
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.55728G	52.93	74.00	-21.07	41.16	3	Vertical	298	1.80	-	38.40	7.85	34.48
AV	11.55668G	39.98	54.00	-14.02	28.22	3	Vertical	298	1.80	-	38.40	7.84	34.48

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

26/02/2021

5775MHz_TX



EUT V_4TX
Setting 28
01-F-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.55556G	53.56	74.00	-20.44	41.80	3	Horizontal	108	2.84	-	38.40	7.84	34.48
AV	11.55G	40.10	54.00	-13.90	28.34	3	Horizontal	108	2.84	-	38.40	7.84	34.48



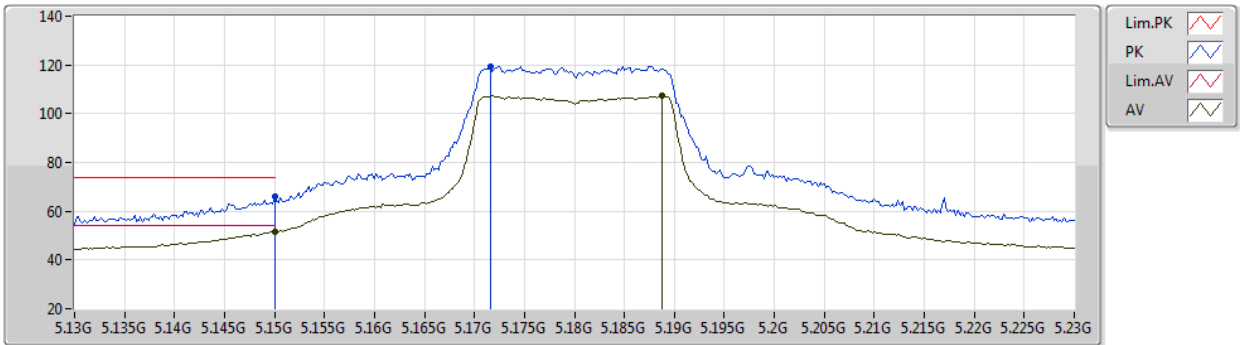
**For 4T4S:
Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss4,(MCS0)_4TX	Pass	AV	5.15G	52.91	54.00	-1.09	3	Vertical	218	1.51	-

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5180MHz_TX



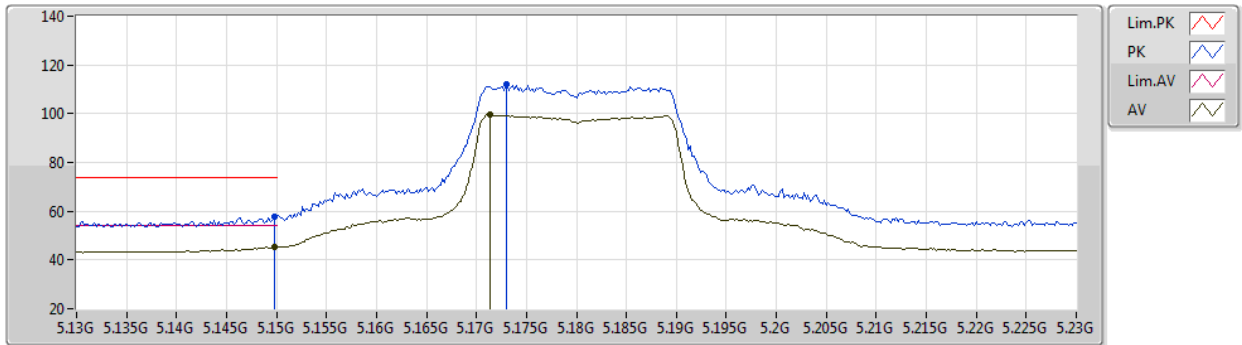
EUT Y_4TX
Setting 26
01-F-N-2-10

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	66.07	74.00	-7.93	62.75	3	Vertical	218	1.69	-	32.60	5.17	34.45
AV	5.15G	51.81	54.00	-2.19	48.49	3	Vertical	218	1.69	-	32.60	5.17	34.45
PK	5.1716G	119.46	Inf	-Inf	116.08	3	Vertical	218	1.69	-	32.64	5.19	34.45
AV	5.1888G	107.35	Inf	-Inf	103.93	3	Vertical	218	1.69	-	32.68	5.19	34.45

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5180MHz_TX



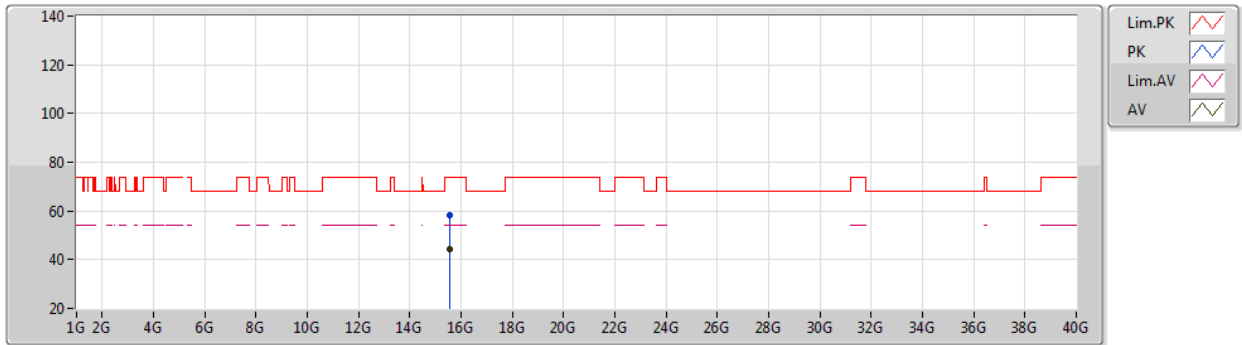
EUT Y_4TX
Setting 26
01-F-R-5-10

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	5.1498G	57.95	74.00	-16.05	54.63	3	Horizontal	128	2.55	-	32.60	5.17	34.45
AV	5.1498G	45.31	54.00	-8.69	41.99	3	Horizontal	128	2.55	-	32.60	5.17	34.45
PK	5.173G	111.98	Inf	-Inf	108.59	3	Horizontal	128	2.55	-	32.65	5.19	34.45
AV	5.1714G	99.60	Inf	-Inf	96.22	3	Horizontal	128	2.55	-	32.64	5.19	34.45

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5180MHz_TX



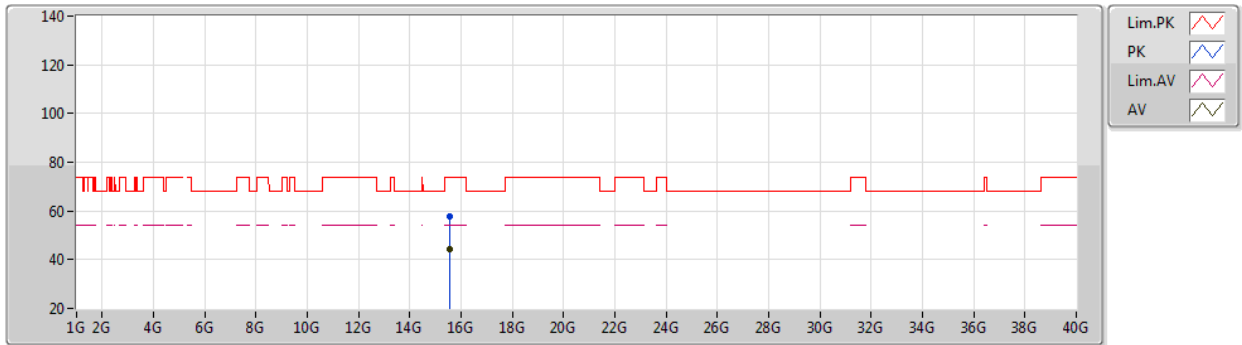
EUT_V_4TX
Setting 26
01-F-R-5

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	15.54156G	58.02	74.00	-15.98	45.00	3	Vertical	17	2.24	-	38.18	9.21	34.37
AV	15.54418G	44.39	54.00	-9.61	31.36	3	Vertical	17	2.24	-	38.19	9.21	34.37

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5180MHz_TX



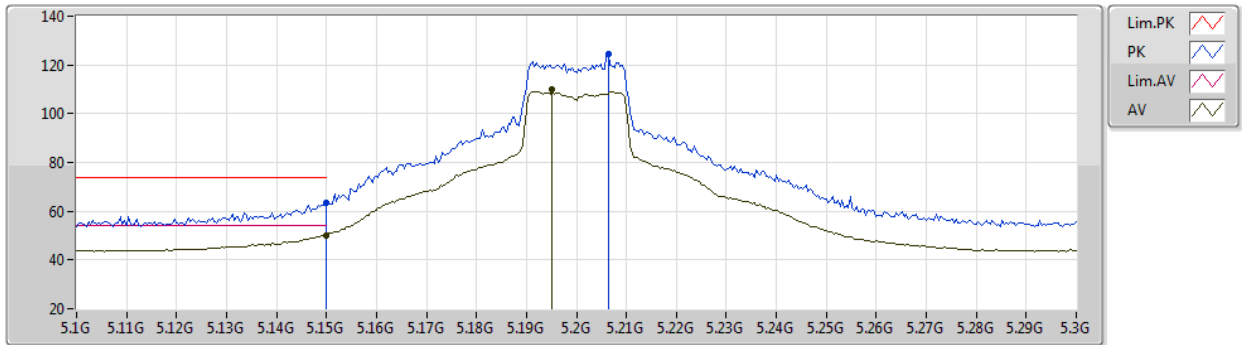
EUT_V_4TX
Setting 26
01-F-R-5

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	15.53584G	58.00	74.00	-16.00	44.99	3	Horizontal	189	1.66	-	38.17	9.21	34.37
AV	15.54222G	44.19	54.00	-9.81	31.17	3	Horizontal	189	1.66	-	38.18	9.21	34.37

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5200MHz_TX



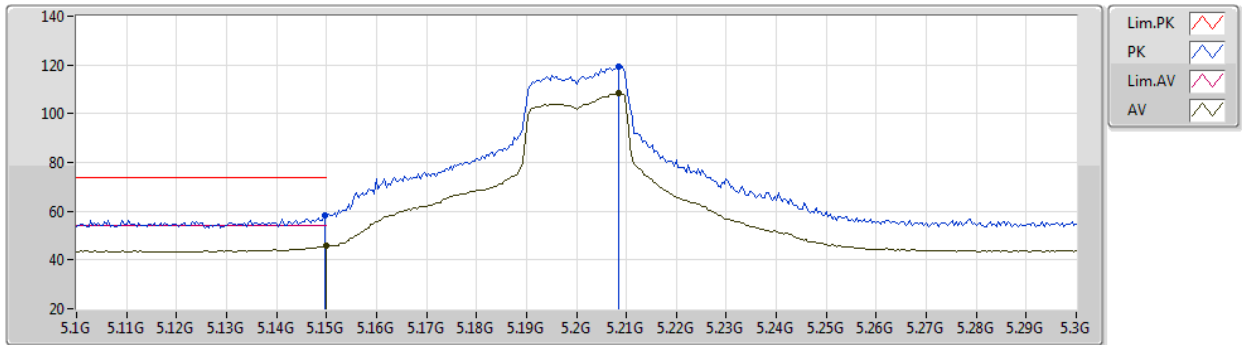
EUT Y_4TX
Setting 30
01-F-N-2-10

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	63.47	74.00	-10.53	60.15	3	Vertical	247	1.62	-	32.60	5.17	34.45
AV	5.15G	50.17	54.00	-3.83	46.85	3	Vertical	247	1.62	-	32.60	5.17	34.45
PK	5.2064G	124.39	Inf	-Inf	120.92	3	Vertical	247	1.62	-	32.71	5.21	34.45
AV	5.1952G	109.80	Inf	-Inf	106.36	3	Vertical	247	1.62	-	32.69	5.20	34.45

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5200MHz_TX

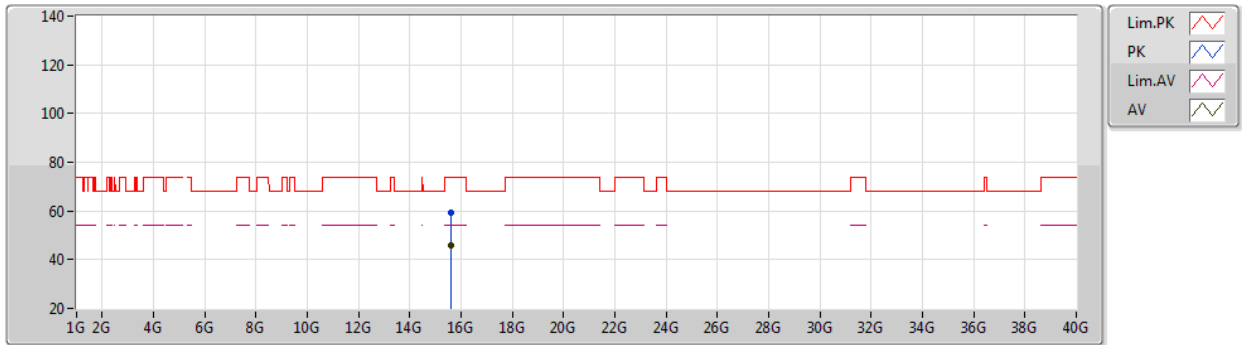

EUT Y_4TX
Setting 30
01-F-R-5-10

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	5.1496G	58.34	74.00	-15.66	55.02	3	Horizontal	289	2.39	-	32.60	5.17	34.45
AV	5.15G	45.64	54.00	-8.36	42.32	3	Horizontal	289	2.39	-	32.60	5.17	34.45
PK	5.2084G	119.56	Inf	-Inf	116.07	3	Horizontal	289	2.39	-	32.72	5.21	34.44
AV	5.2084G	108.53	Inf	-Inf	105.04	3	Horizontal	289	2.39	-	32.72	5.21	34.44

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5200MHz_TX



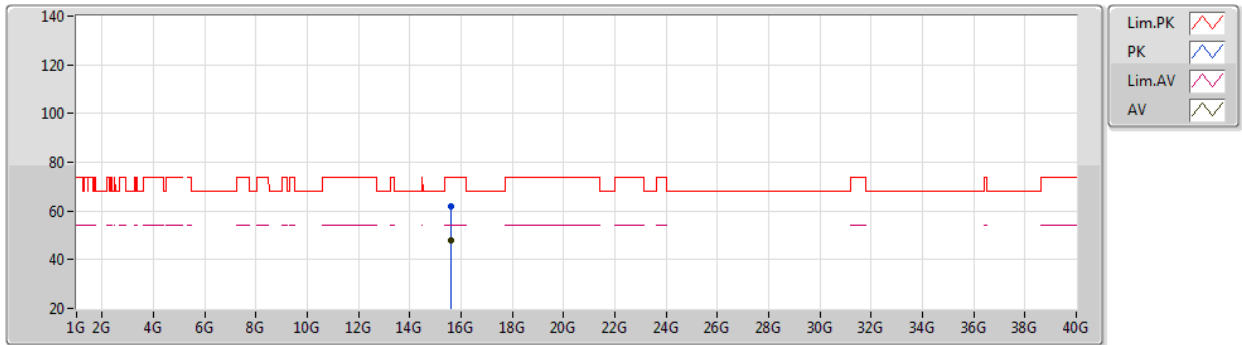
EUT_V_4TX
Setting 30
01-F-R-5

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	15.59542G	59.15	74.00	-14.85	46.07	3	Vertical	142	1.91	-	38.29	9.22	34.43
AV	15.6041G	45.61	54.00	-8.39	32.52	3	Vertical	142	1.91	-	38.30	9.22	34.43

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5200MHz_TX



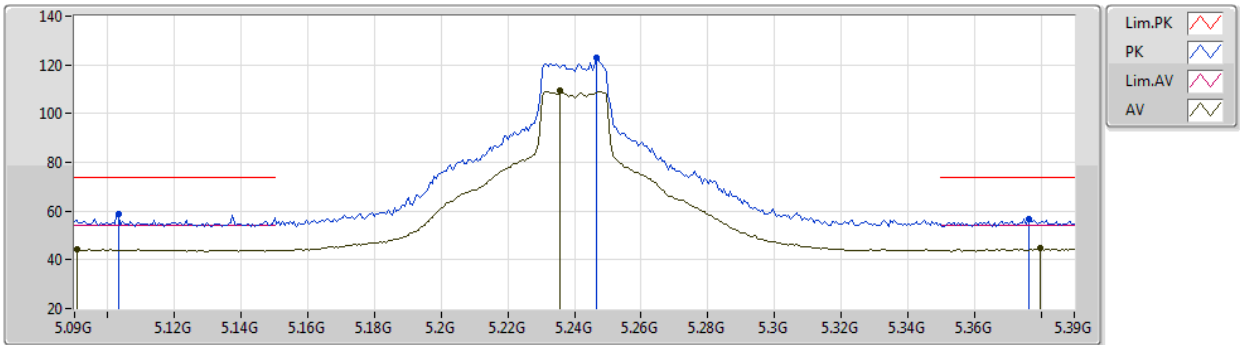
EUT_V_4TX
Setting 30
01-F-R-5

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	15.6012G	61.76	74.00	-12.24	48.67	3	Horizontal	56	3.00	-	38.30	9.22	34.43
AV	15.60092G	47.85	54.00	-6.15	34.76	3	Horizontal	56	3.00	-	38.30	9.22	34.43

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5240MHz_TX



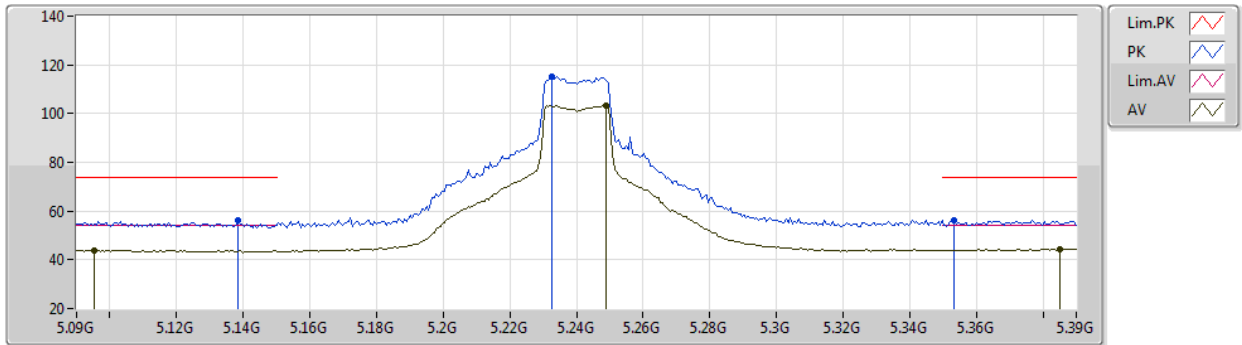
EUT Y_4TX
Setting 30
01-F-N-2-10

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	5.1032G	58.65	74.00	-15.35	55.36	3	Vertical	246	1.80	-	32.60	5.15	34.46
AV	5.0906G	44.17	54.00	-9.83	40.88	3	Vertical	246	1.80	-	32.60	5.15	34.46
PK	5.2466G	122.98	Inf	-Inf	119.38	3	Vertical	246	1.80	-	32.79	5.25	34.44
AV	5.2358G	109.41	Inf	-Inf	105.84	3	Vertical	246	1.80	-	32.77	5.24	34.44
PK	5.3762G	56.91	74.00	-17.09	52.89	3	Vertical	246	1.80	-	33.06	5.38	34.42
AV	5.3798G	44.57	54.00	-9.43	40.53	3	Vertical	246	1.80	-	33.08	5.38	34.42

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5240MHz_TX

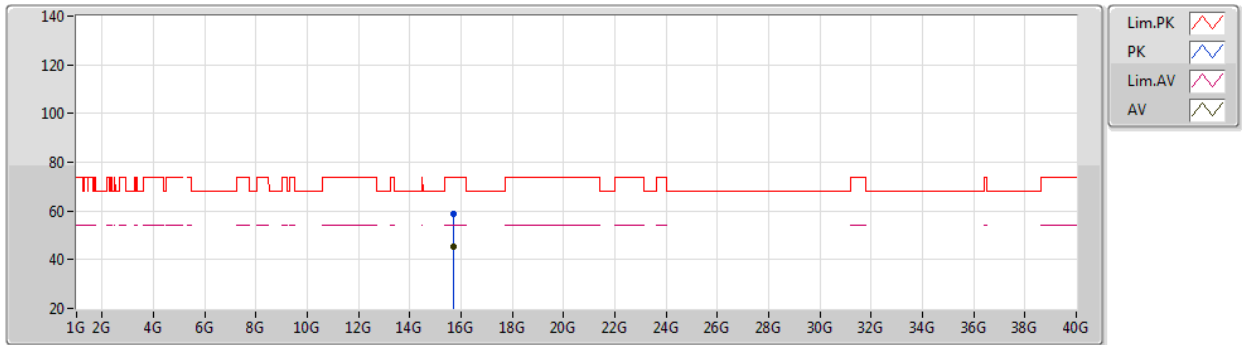

EUT Y_4TX
Setting 30
01-F-R-5-10

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	5.1386G	56.12	74.00	-17.88	52.80	3	Horizontal	138	1.90	-	32.60	5.17	34.45
AV	5.0954G	44.02	54.00	-9.98	40.73	3	Horizontal	138	1.90	-	32.60	5.15	34.46
PK	5.2328G	115.24	Inf	-Inf	111.68	3	Horizontal	138	1.90	-	32.77	5.23	34.44
AV	5.249G	103.49	Inf	-Inf	99.88	3	Horizontal	138	1.90	-	32.80	5.25	34.44
PK	5.3534G	56.18	74.00	-17.82	52.34	3	Horizontal	138	1.90	-	32.92	5.35	34.43
AV	5.3852G	44.40	54.00	-9.60	40.32	3	Horizontal	138	1.90	-	33.11	5.39	34.42

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5240MHz_TX



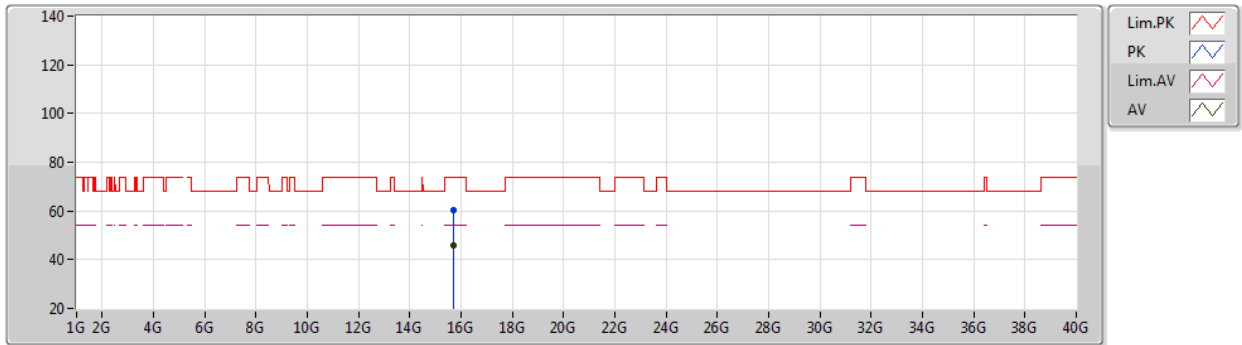
EUT_V_4TX
Setting 30
01-F-R-5

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	15.72008G	58.99	74.00	-15.01	45.90	3	Vertical	146	1.79	-	38.40	9.24	34.55
AV	15.71264G	45.60	54.00	-8.40	32.50	3	Vertical	146	1.79	-	38.40	9.24	34.54

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5240MHz_TX



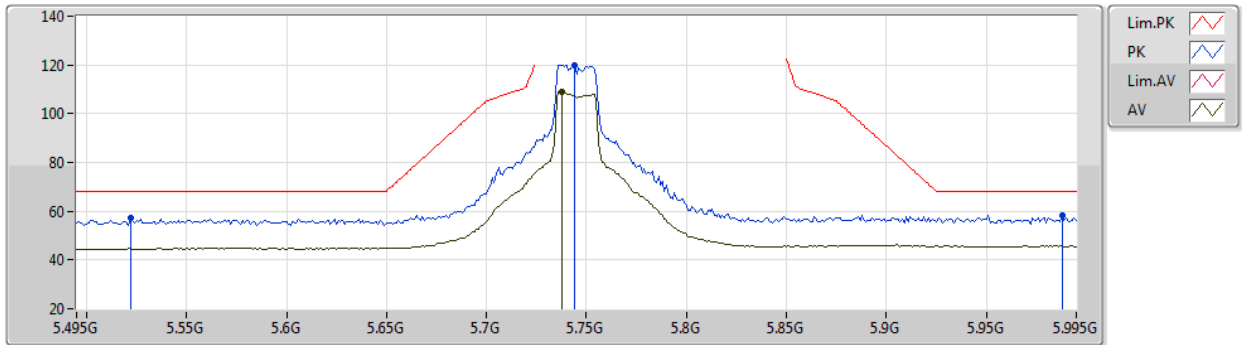
EUT_V_4TX
Setting 30
01-F-R-5

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	15.71012G	60.41	74.00	-13.59	47.31	3	Horizontal	40	1.80	-	38.40	9.24	34.54
AV	15.71248G	46.11	54.00	-7.89	33.01	3	Horizontal	40	1.80	-	38.40	9.24	34.54

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5745MHz_TX



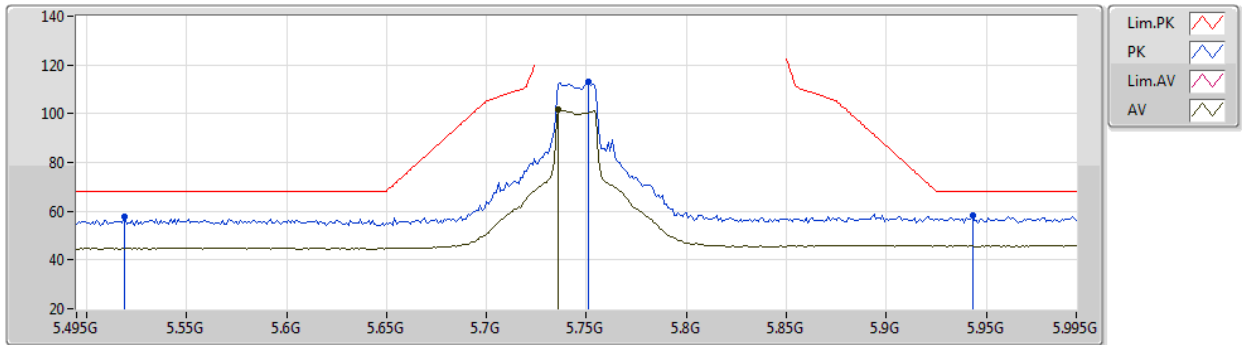
EUT Y_4TX
Setting 30
01-F-N-2-10

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	5.522G	57.16	68.20	-11.04	52.59	3	Vertical	159	1.62	-	33.59	5.40	34.42
PK	5.744G	120.07	Inf	-Inf	115.01	3	Vertical	159	1.62	-	34.08	5.47	34.49
AV	5.738G	109.03	Inf	-Inf	104.00	3	Vertical	159	1.62	-	34.05	5.47	34.49
PK	5.988G	58.45	68.20	-9.75	52.38	3	Vertical	159	1.62	-	35.15	5.50	34.58

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5745MHz_TX



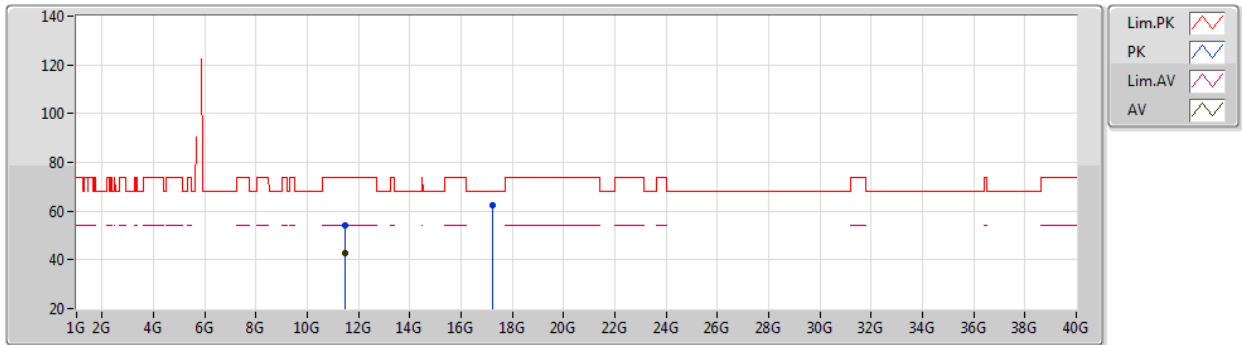
EUT Y_4TX
Setting 30
01-F-R-5-10

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	5.519G	57.61	68.20	-10.59	53.05	3	Horizontal	176	2.04	-	33.58	5.40	34.42
PK	5.751G	112.85	Inf	-Inf	107.77	3	Horizontal	176	2.04	-	34.10	5.48	34.50
AV	5.736G	101.69	Inf	-Inf	96.67	3	Horizontal	176	2.04	-	34.04	5.47	34.49
PK	5.943G	58.49	68.20	-9.71	52.58	3	Horizontal	176	2.04	-	34.97	5.50	34.56

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5745MHz_TX



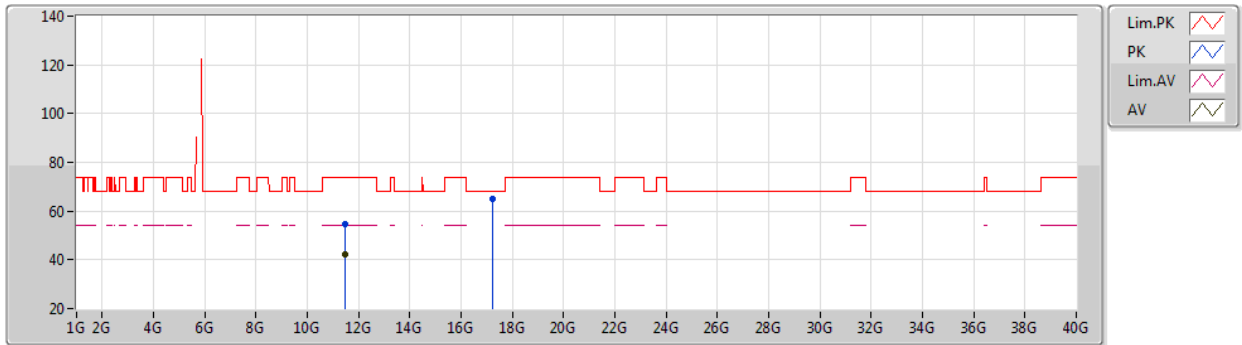
EUT Y_4TX
Setting 30
01-F-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.49004G	54.31	74.00	-19.69	42.56	3	Vertical	86	1.41	-	38.40	7.82	34.47
AV	11.49016G	42.87	54.00	-11.13	31.12	3	Vertical	86	1.41	-	38.40	7.82	34.47
PK	17.22604G	62.18	68.20	-6.02	44.12	3	Vertical	94	1.80	-	41.68	9.73	33.35

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5745MHz_TX



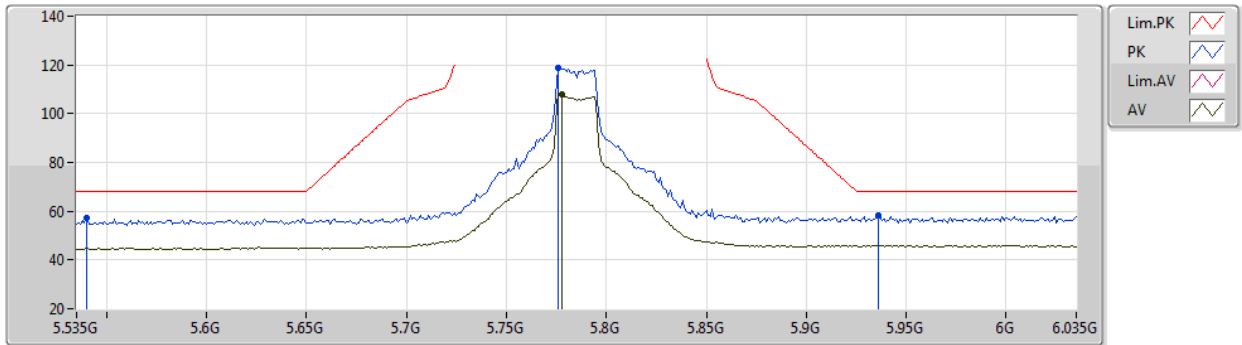
EUT Y_4TX
Setting 30
01-F-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.48172G	54.69	74.00	-19.31	42.94	3	Horizontal	101	1.80	-	38.40	7.82	34.47
AV	11.49004G	42.20	54.00	-11.80	30.45	3	Horizontal	101	1.80	-	38.40	7.82	34.47
PK	17.23716G	65.11	68.20	-3.09	47.02	3	Horizontal	265	1.30	-	41.71	9.73	33.35

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5785MHz_TX



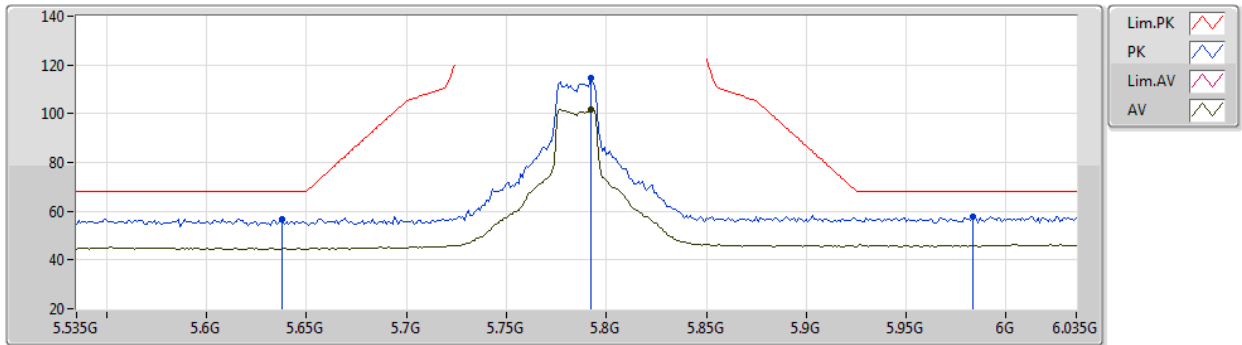
EUT Y_4TX
Setting 30
01-F-N-2-10

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	5.54G	57.09	68.20	-11.11	52.45	3	Vertical	23	1.37	-	33.66	5.40	34.42
PK	5.776G	118.55	Inf	-Inf	113.36	3	Vertical	23	1.37	-	34.20	5.49	34.50
AV	5.778G	108.14	Inf	-Inf	102.94	3	Vertical	23	1.37	-	34.21	5.49	34.50
PK	5.936G	58.06	68.20	-10.14	52.18	3	Vertical	23	1.37	-	34.94	5.50	34.56

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5785MHz_TX



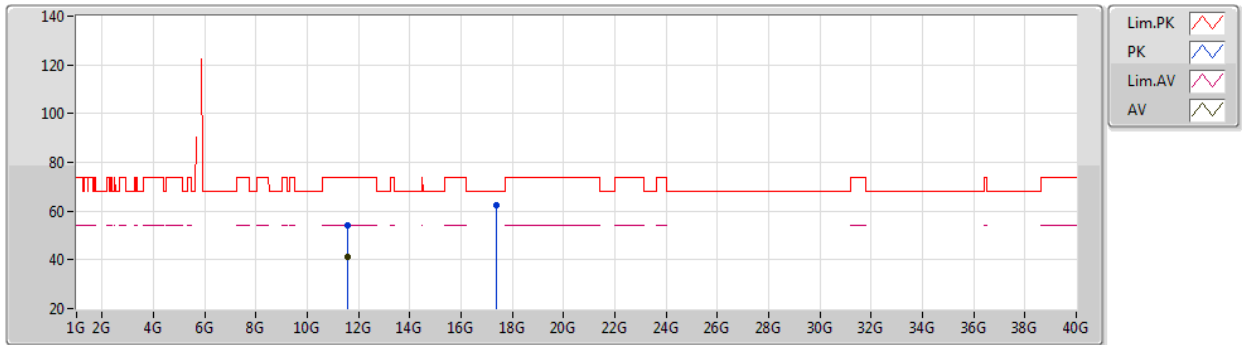
EUT Y_4TX
Setting 30
01-F-R-5-10

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	5.638G	56.82	68.20	-11.38	51.98	3	Horizontal	304	1.71	-	33.88	5.42	34.46
PK	5.792G	114.58	Inf	-Inf	109.32	3	Horizontal	304	1.71	-	34.27	5.50	34.51
AV	5.792G	101.71	Inf	-Inf	96.45	3	Horizontal	304	1.71	-	34.27	5.50	34.51
PK	5.983G	57.62	68.20	-10.58	51.56	3	Horizontal	304	1.71	-	35.13	5.50	34.57

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5785MHz_TX



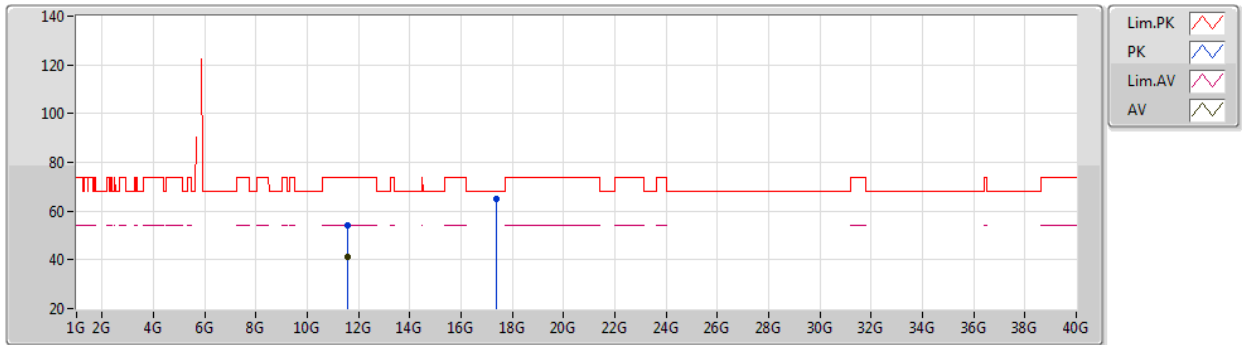
EUT Y_4TX
Setting 30
01-F-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.57016G	54.03	74.00	-19.97	42.26	3	Vertical	163	2.56	-	38.40	7.85	34.48
AV	11.5702G	41.33	54.00	-12.67	29.56	3	Vertical	163	2.56	-	38.40	7.85	34.48
PK	17.35776G	62.47	68.20	-5.73	43.86	3	Vertical	34	1.80	-	42.13	9.78	33.30

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5785MHz_TX



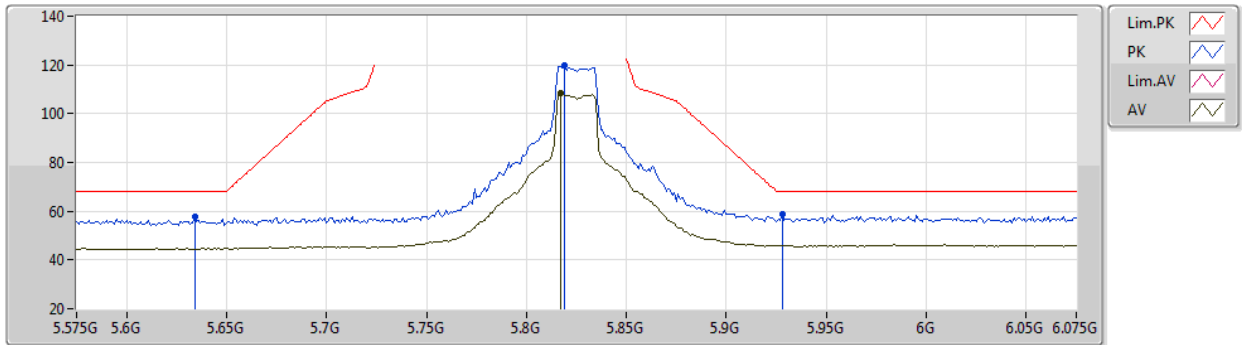
EUT Y_4TX
Setting 30
01-F-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.56596G	54.03	74.00	-19.97	42.26	3	Horizontal	17	2.16	-	38.40	7.85	34.48
AV	11.57024G	41.29	54.00	-12.71	29.52	3	Horizontal	17	2.16	-	38.40	7.85	34.48
PK	17.35712G	65.01	68.20	-3.19	46.41	3	Horizontal	267	1.45	-	42.13	9.77	33.30

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5825MHz_TX



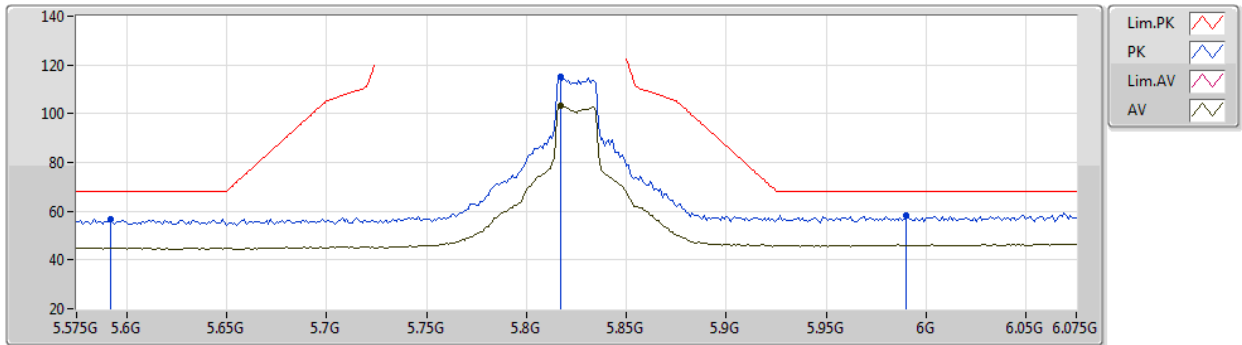
EUT Y_4TX
Setting 30
01-F-N-2-10

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	5.634G	57.85	68.20	-10.35	53.02	3	Vertical	159	1.62	-	33.87	5.42	34.46
PK	5.819G	119.80	Inf	-Inf	114.44	3	Vertical	159	1.62	-	34.38	5.50	34.52
AV	5.817G	108.44	Inf	-Inf	103.09	3	Vertical	159	1.62	-	34.37	5.50	34.52
PK	5.928G	58.91	68.20	-9.29	53.06	3	Vertical	159	1.62	-	34.91	5.50	34.56

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5825MHz_TX



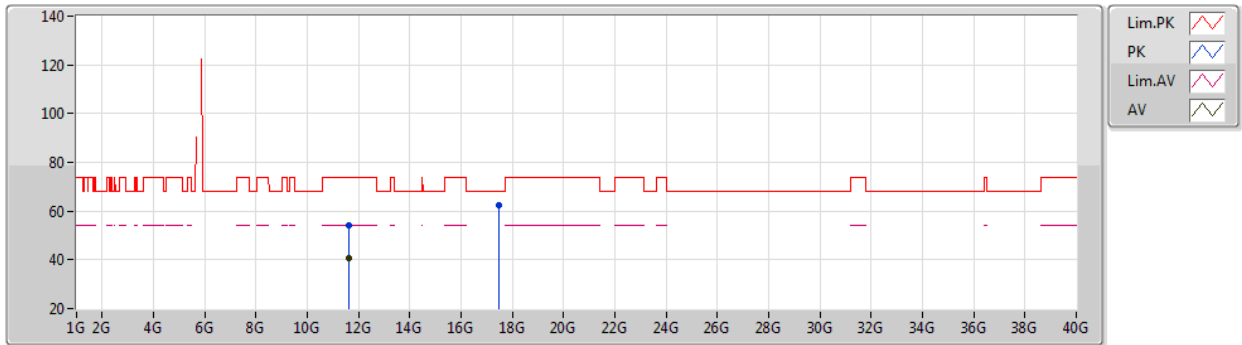
EUT Y_4TX
Setting 30
01-F-R-5-10

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	5.592G	56.90	68.20	-11.30	52.16	3	Horizontal	131	2.42	-	33.78	5.40	34.44
PK	5.817G	115.21	Inf	-Inf	109.86	3	Horizontal	131	2.42	-	34.37	5.50	34.52
AV	5.817G	103.08	Inf	-Inf	97.73	3	Horizontal	131	2.42	-	34.37	5.50	34.52
PK	5.99G	58.52	68.20	-9.68	52.44	3	Horizontal	131	2.42	-	35.16	5.50	34.58

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5825MHz_TX



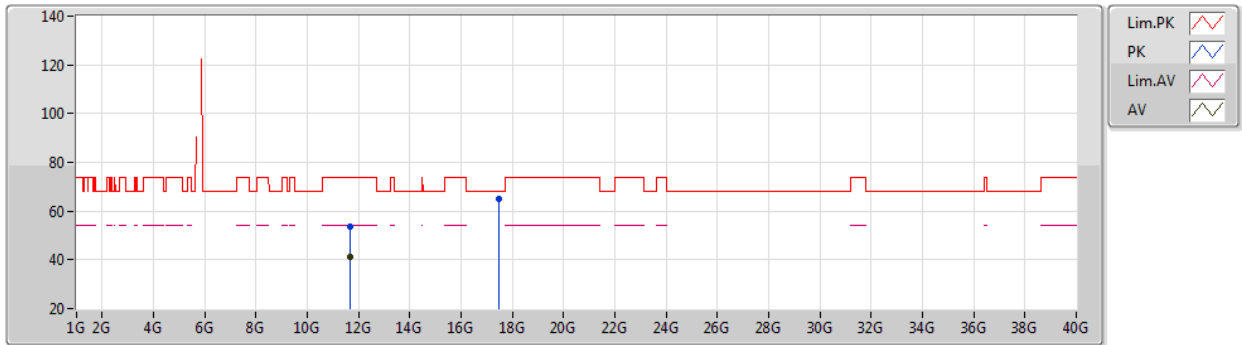
EUT Y_4TX
Setting 30
01-F-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.64016G	54.31	74.00	-19.69	42.49	3	Vertical	99	2.25	-	38.44	7.87	34.49
AV	11.64296G	40.84	54.00	-13.16	29.01	3	Vertical	99	2.25	-	38.44	7.88	34.49
PK	17.48408G	62.67	68.20	-5.53	43.81	3	Vertical	205	1.71	-	42.30	9.82	33.26

802.11ax HEW20_Nss4,(MCS0)_4TX

03/03/2021

5825MHz_TX

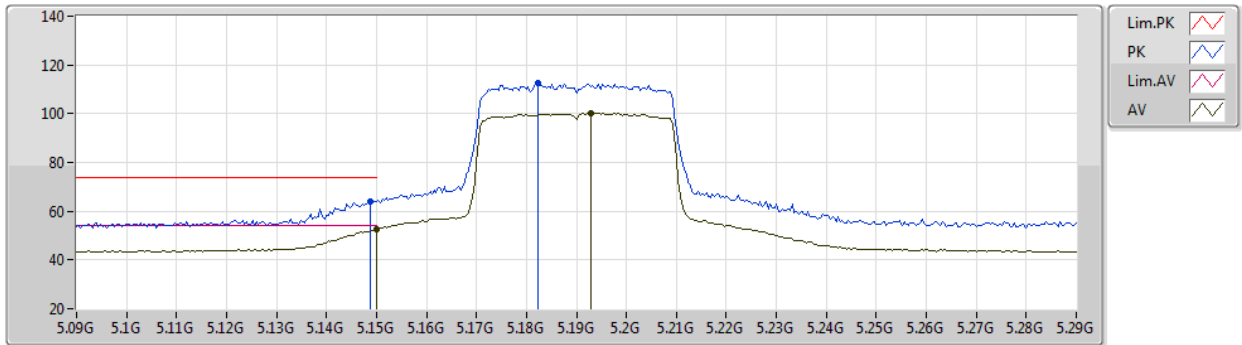

EUT Y_4TX
Setting 30
01-F-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65996G	53.57	74.00	-20.43	41.73	3	Horizontal	357	2.45	-	38.46	7.88	34.50
AV	11.6482G	40.97	54.00	-13.03	29.13	3	Horizontal	357	2.45	-	38.45	7.88	34.49
PK	17.47684G	64.96	68.20	-3.24	46.10	3	Horizontal	268	1.80	-	42.30	9.82	33.26

802.11ax HEW40_Nss4,(MCS0)_4TX

03/03/2021

5190MHz_TX



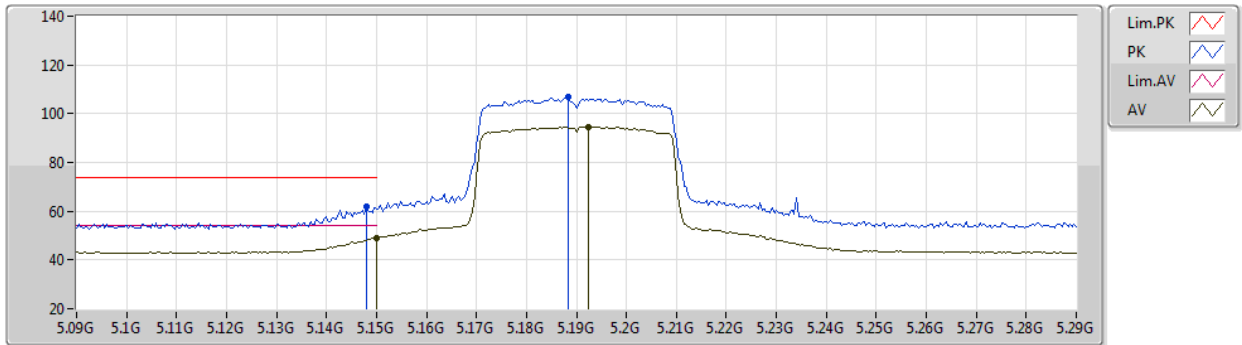
EUT Y_4TX
Setting 25
01-F-N-2-10

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	64.05	74.00	-9.95	60.73	3	Vertical	134	1.80	-	32.60	5.17	34.45
AV	5.15G	52.73	54.00	-1.27	49.41	3	Vertical	134	1.80	-	32.60	5.17	34.45
PK	5.1824G	112.38	Inf	-Inf	108.98	3	Vertical	134	1.80	-	32.66	5.19	34.45
AV	5.1928G	100.31	Inf	-Inf	96.87	3	Vertical	134	1.80	-	32.69	5.20	34.45

802.11ax HEW40_Nss4,(MCS0)_4TX

03/03/2021

5190MHz_TX



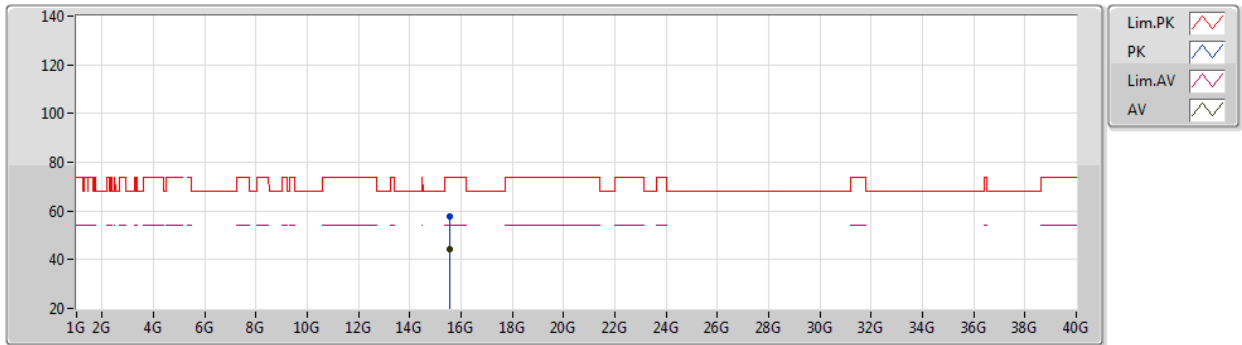
EUT Y_4TX
Setting 25
01-F-N-2-10

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	61.66	74.00	-12.34	58.34	3	Horizontal	125	1.93	-	32.60	5.17	34.45
AV	5.15G	49.06	54.00	-4.94	45.74	3	Horizontal	125	1.93	-	32.60	5.17	34.45
PK	5.1884G	107.02	Inf	-Inf	103.60	3	Horizontal	125	1.93	-	32.68	5.19	34.45
AV	5.1924G	94.74	Inf	-Inf	91.31	3	Horizontal	125	1.93	-	32.68	5.20	34.45

802.11ax HEW40_Nss4,(MCS0)_4TX

03/03/2021

5190MHz_TX



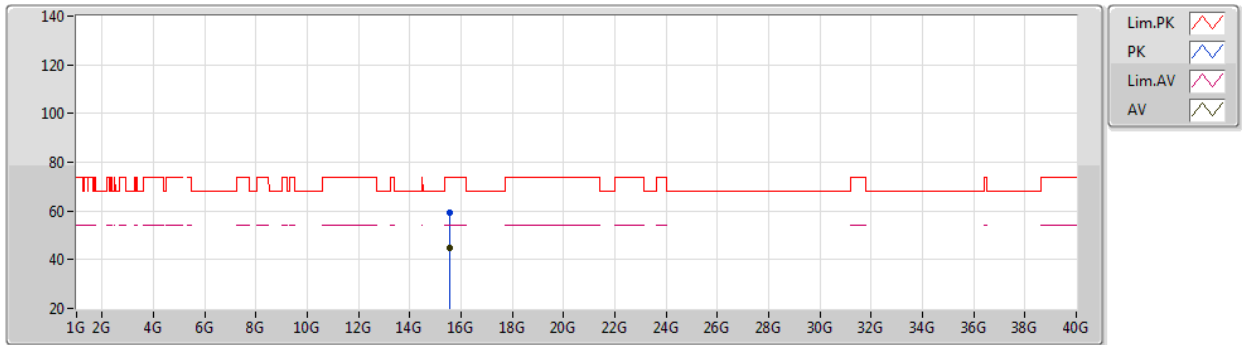
EUT_V_4TX
Setting 25
01-F-R-5

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	15.57552G	57.86	74.00	-16.14	44.80	3	Vertical	151	1.80	-	38.25	9.22	34.41
AV	15.57692G	44.48	54.00	-9.52	31.42	3	Vertical	151	1.80	-	38.25	9.22	34.41

802.11ax HEW40_Nss4,(MCS0)_4TX

03/03/2021

5190MHz_TX



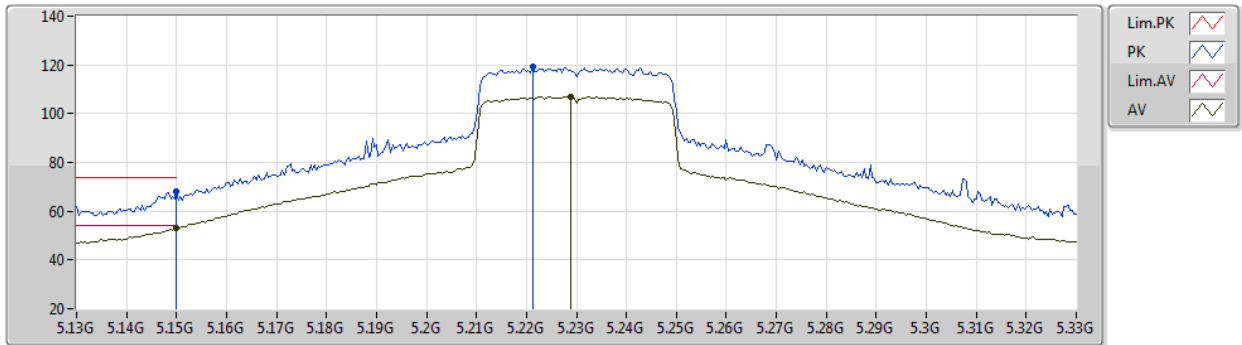
EUT_V_4TX
Setting 25
01-F-R-5

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	15.57556G	59.14	74.00	-14.86	46.08	3	Horizontal	4	1.80	-	38.25	9.22	34.41
AV	15.56784G	45.05	54.00	-8.95	32.00	3	Horizontal	4	1.80	-	38.24	9.21	34.40

802.11ax HEW40_Nss4,(MCS0)_4TX

03/03/2021

5230MHz_TX



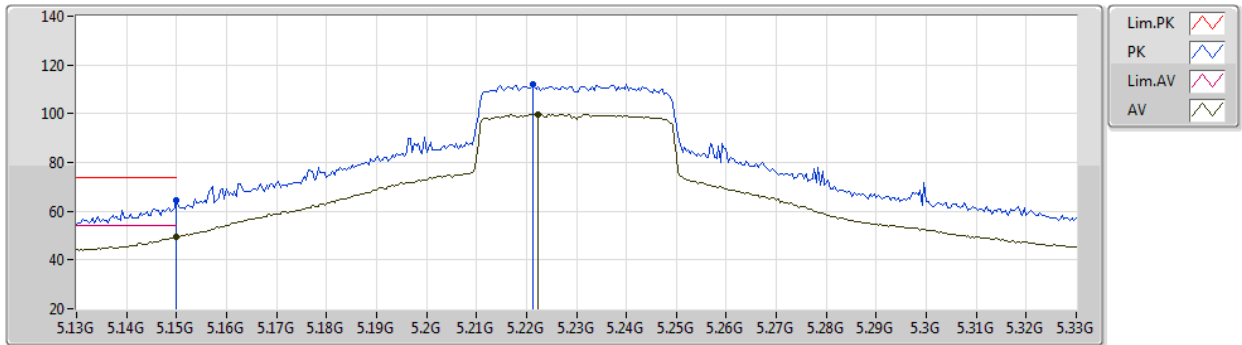
EUT Y_4TX
Setting 30
01-F-N-2-10

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	67.87	74.00	-6.13	64.55	3	Vertical	218	1.51	-	32.60	5.17	34.45
AV	5.15G	52.91	54.00	-1.09	49.59	3	Vertical	218	1.51	-	32.60	5.17	34.45
PK	5.2212G	119.36	Inf	-Inf	115.84	3	Vertical	218	1.51	-	32.74	5.22	34.44
AV	5.2288G	106.94	Inf	-Inf	103.39	3	Vertical	218	1.51	-	32.76	5.23	34.44

802.11ax HEW40_Nss4,(MCS0)_4TX

03/03/2021

5230MHz_TX



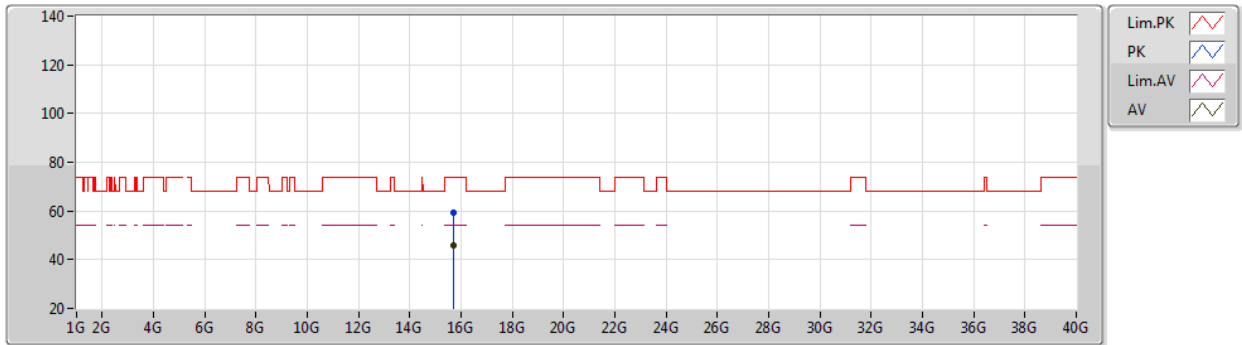
EUT Y_4TX
Setting 30
01-F-N-2-10

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	64.23	74.00	-9.77	60.91	3	Horizontal	296	1.73	-	32.60	5.17	34.45
AV	5.15G	49.38	54.00	-4.62	46.06	3	Horizontal	296	1.73	-	32.60	5.17	34.45
PK	5.2212G	112.22	Inf	-Inf	108.70	3	Horizontal	296	1.73	-	32.74	5.22	34.44
AV	5.2224G	99.75	Inf	-Inf	96.23	3	Horizontal	296	1.73	-	32.74	5.22	34.44

802.11ax HEW40_Nss4,(MCS0)_4TX

03/03/2021

5230MHz_TX



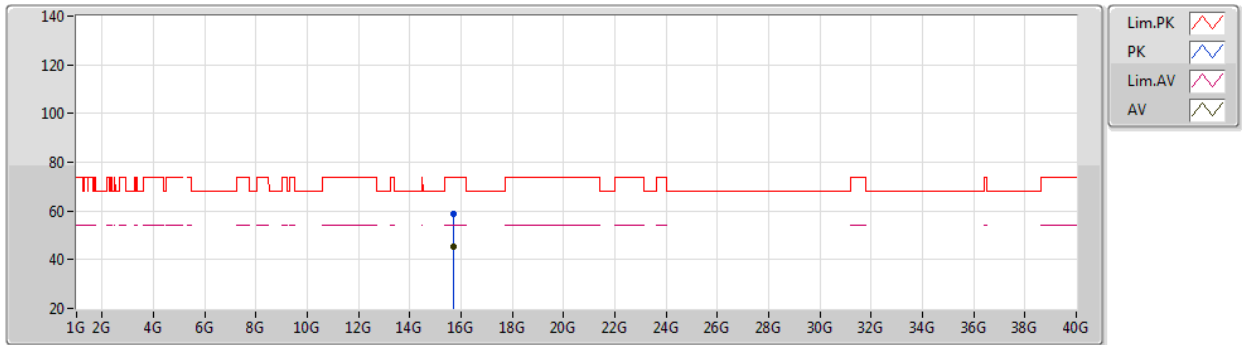
EUT_V_4TX
Setting 30
01-F-R-5

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	15.68792G	59.13	74.00	-14.87	46.02	3	Vertical	163	1.80	-	38.39	9.24	34.52
AV	15.69376G	45.63	54.00	-8.37	32.52	3	Vertical	163	1.80	-	38.39	9.24	34.52

802.11ax HEW40_Nss4,(MCS0)_4TX

03/03/2021

5230MHz_TX



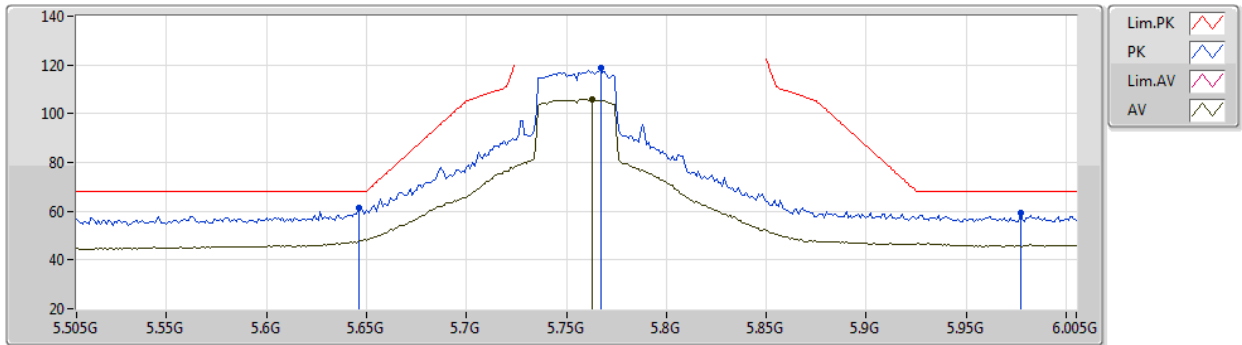
EUT_V_4TX
Setting 30
01-F-R-5

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	15.68624G	58.92	74.00	-15.08	45.81	3	Horizontal	43	1.80	-	38.39	9.24	34.52
AV	15.68772G	45.57	54.00	-8.43	32.46	3	Horizontal	43	1.80	-	38.39	9.24	34.52

802.11ax HEW40_Nss4,(MCS0)_4TX

03/03/2021

5755MHz_TX



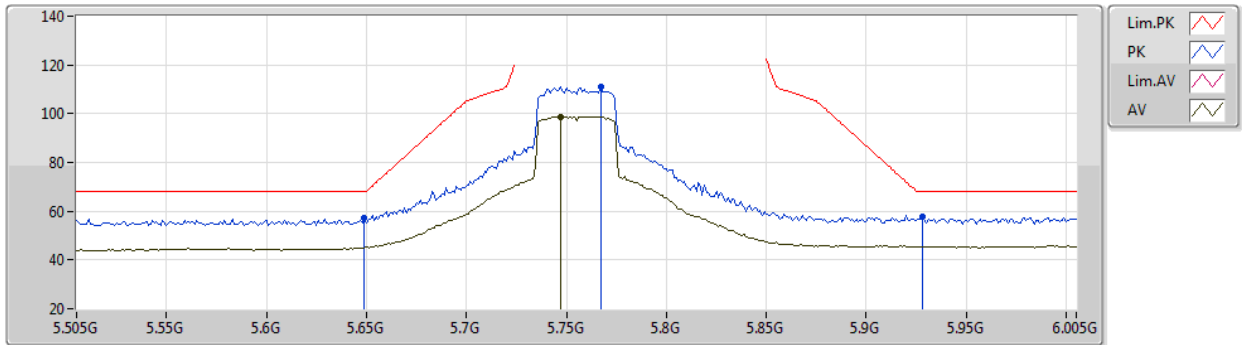
EUT Y_4TX
Setting 30
01-F-N-2-10

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	61.46	68.20	-6.74	56.61	3	Vertical	21	1.56	-	33.89	5.42	34.46
PK	5.767G	118.56	Inf	-Inf	113.41	3	Vertical	21	1.56	-	34.17	5.48	34.50
AV	5.763G	106.04	Inf	-Inf	100.91	3	Vertical	21	1.56	-	34.15	5.48	34.50
PK	5.977G	59.42	68.20	-8.78	53.38	3	Vertical	21	1.56	-	35.11	5.50	34.57

802.11ax HEW40_Nss4,(MCS0)_4TX

03/03/2021

5755MHz_TX

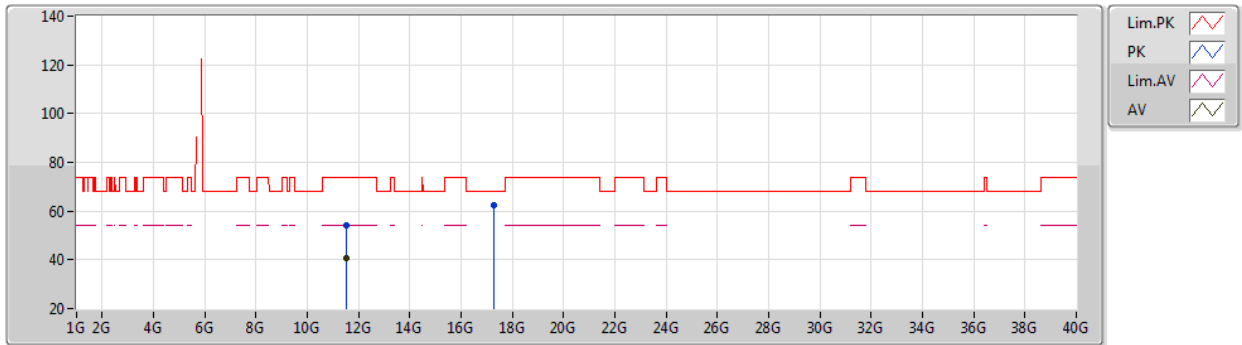

EUT Y_4TX
Setting 30
01-F-N-2-10

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	57.22	68.20	-10.98	52.36	3	Horizontal	147	1.80	-	33.90	5.42	34.46
PK	5.767G	111.05	Inf	-Inf	105.90	3	Horizontal	147	1.80	-	34.17	5.48	34.50
AV	5.747G	98.81	Inf	-Inf	93.74	3	Horizontal	147	1.80	-	34.09	5.47	34.49
PK	5.928G	57.53	68.20	-10.67	51.68	3	Horizontal	147	1.80	-	34.91	5.50	34.56

802.11ax HEW40_Nss4,(MCS0)_4TX

03/03/2021

5755MHz_TX



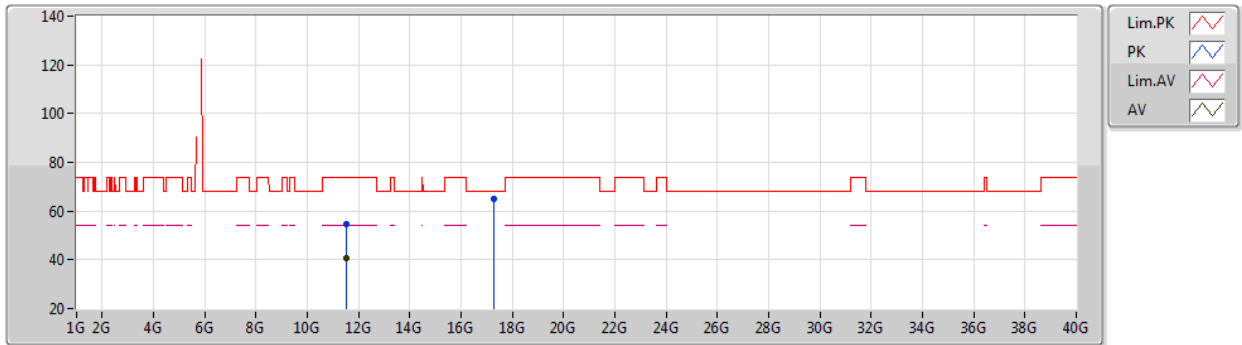
EUT Y_4TX
Setting 30
01-F-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.50476G	54.10	74.00	-19.90	42.34	3	Vertical	352	1.47	-	38.40	7.83	34.47
AV	11.50508G	40.83	54.00	-13.17	29.07	3	Vertical	352	1.47	-	38.40	7.83	34.47
PK	17.26168G	62.35	68.20	-5.85	44.16	3	Vertical	197	2.04	-	41.79	9.74	33.34

802.11ax HEW40_Nss4,(MCS0)_4TX

03/03/2021

5755MHz_TX



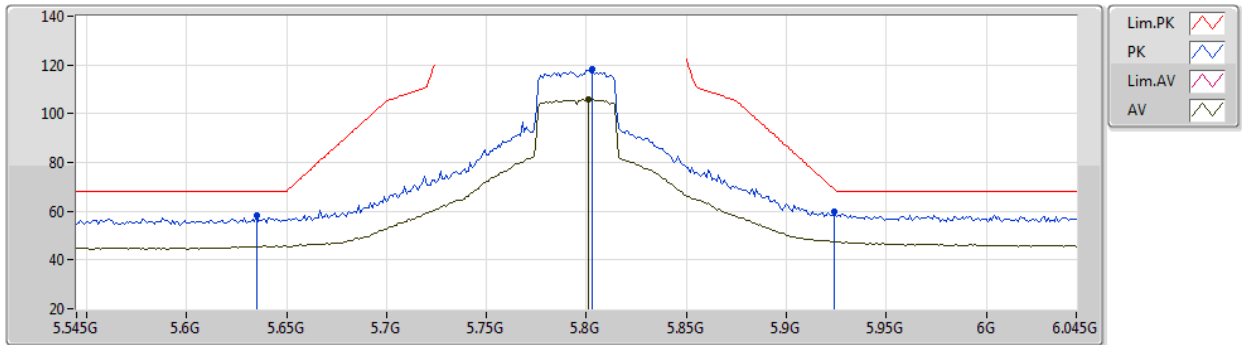
EUT Y_4TX
Setting 30
01-F-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.50616G	54.76	74.00	-19.24	43.00	3	Horizontal	40	2.02	-	38.40	7.83	34.47
AV	11.50988G	40.72	54.00	-13.28	28.96	3	Horizontal	40	2.02	-	38.40	7.83	34.47
PK	17.2604G	65.06	68.20	-3.14	46.88	3	Horizontal	269	1.41	-	41.78	9.74	33.34

802.11ax HEW40_Nss4,(MCS0)_4TX

03/03/2021

5795MHz_TX



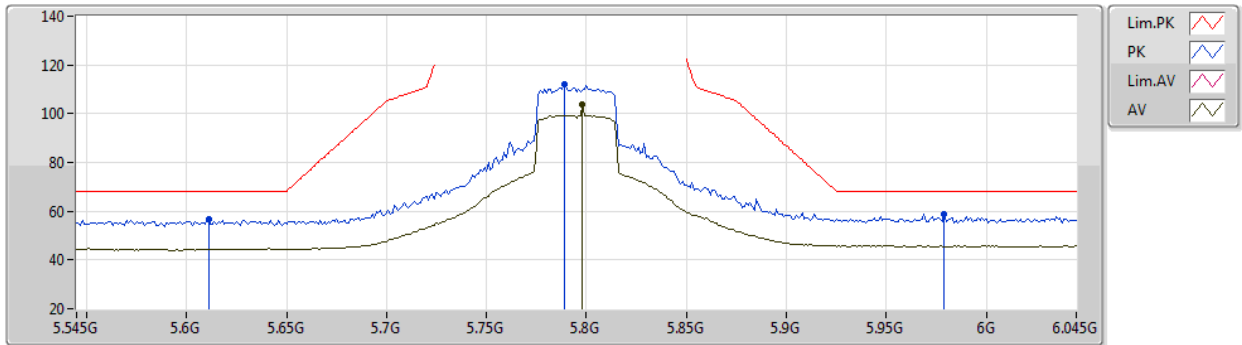
EUT Y_4TX
Setting 30
01-F-N-2-10

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	5.635G	58.39	68.20	-9.81	53.56	3	Vertical	277	1.80	-	33.87	5.42	34.46
PK	5.803G	118.08	Inf	-Inf	112.78	3	Vertical	277	1.80	-	34.31	5.50	34.51
AV	5.801G	105.79	Inf	-Inf	100.50	3	Vertical	277	1.80	-	34.30	5.50	34.51
PK	5.924G	59.98	68.94	-8.96	54.13	3	Vertical	277	1.80	-	34.90	5.50	34.55

802.11ax HEW40_Nss4,(MCS0)_4TX

03/03/2021

5795MHz_TX



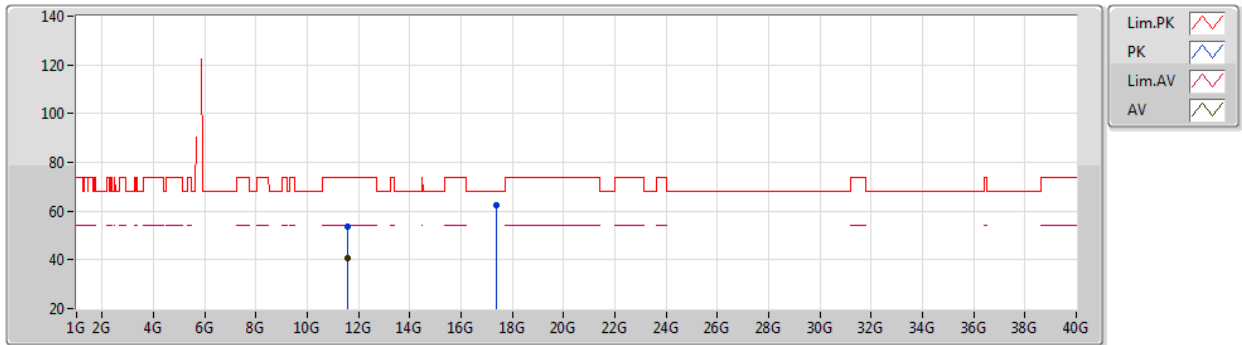
EUT Y_4TX
Setting 30
01-F-N-2-10

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	5.611G	56.47	68.20	-11.73	51.69	3	Horizontal	145	1.79	-	33.82	5.41	34.45
PK	5.789G	111.98	Inf	-Inf	106.74	3	Horizontal	145	1.79	-	34.26	5.49	34.51
AV	5.798G	103.60	Inf	-Inf	98.32	3	Horizontal	145	1.79	-	34.29	5.50	34.51
PK	5.979G	58.90	68.20	-9.30	52.85	3	Horizontal	145	1.79	-	35.12	5.50	34.57

802.11ax HEW40_Nss4,(MCS0)_4TX

03/03/2021

5795MHz_TX



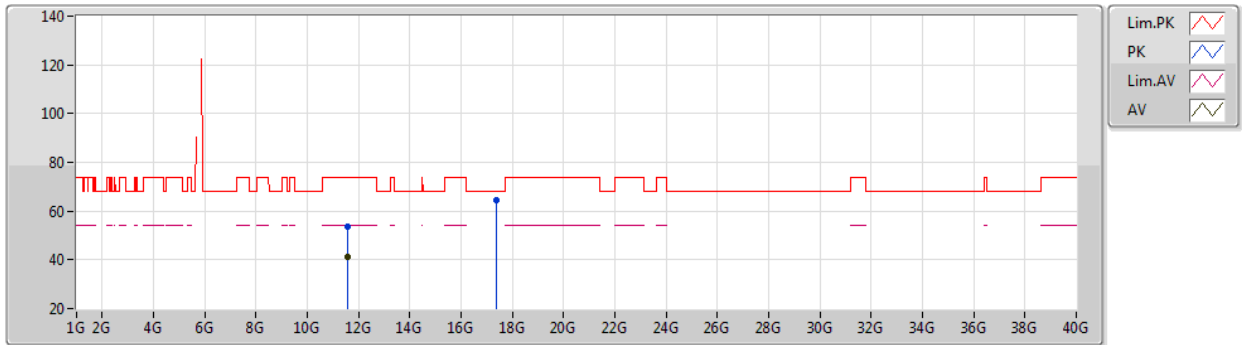
EUT Y_4TX
Setting 30
01-F-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.59156G	53.66	74.00	-20.34	41.88	3	Vertical	46	1.16	-	38.40	7.86	34.48
AV	11.59032G	40.89	54.00	-13.11	29.11	3	Vertical	46	1.16	-	38.40	7.86	34.48
PK	17.37724G	62.43	68.20	-5.77	43.74	3	Vertical	310	1.01	-	42.21	9.78	33.30

802.11ax HEW40_Nss4,(MCS0)_4TX

03/03/2021

5795MHz_TX



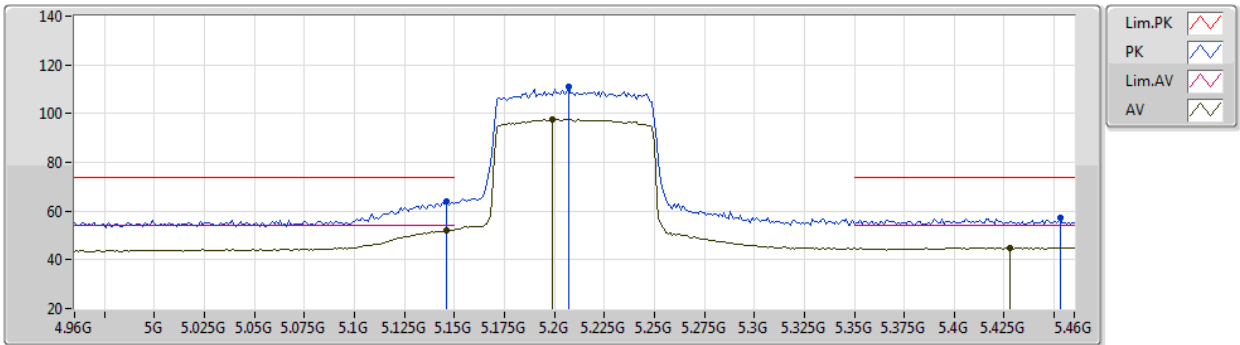
EUT Y_4TX
Setting 30
01-F-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.58472G	53.55	74.00	-20.45	41.78	3	Horizontal	76	2.80	-	38.40	7.85	34.48
AV	11.59004G	41.07	54.00	-12.93	29.29	3	Horizontal	76	2.80	-	38.40	7.86	34.48
PK	17.39452G	64.73	68.20	-3.47	45.95	3	Horizontal	268	1.41	-	42.28	9.79	33.29

802.11ax HEW80_Nss4,(MCS0)_4TX

03/03/2021

5210MHz_TX



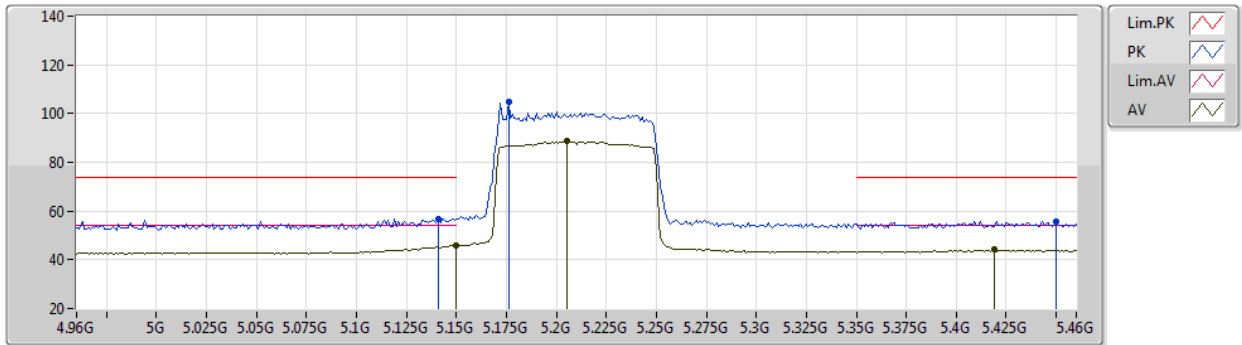
EUT Y_4TX
Setting 22
01-F-N-2-10

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	63.83	74.00	-10.17	60.51	3	Vertical	211	1.64	-	32.60	5.17	34.45
AV	5.146G	52.23	54.00	-1.77	48.91	3	Vertical	211	1.64	-	32.60	5.17	34.45
PK	5.207G	111.23	Inf	-Inf	107.76	3	Vertical	211	1.64	-	32.71	5.21	34.45
AV	5.199G	97.76	Inf	-Inf	94.31	3	Vertical	211	1.64	-	32.70	5.20	34.45
PK	5.453G	57.06	74.00	-16.94	52.67	3	Vertical	211	1.64	-	33.41	5.40	34.42
AV	5.428G	44.87	54.00	-9.13	40.58	3	Vertical	211	1.64	-	33.31	5.40	34.42

802.11ax HEW80_Nss4,(MCS0)_4TX

03/03/2021

5210MHz_TX

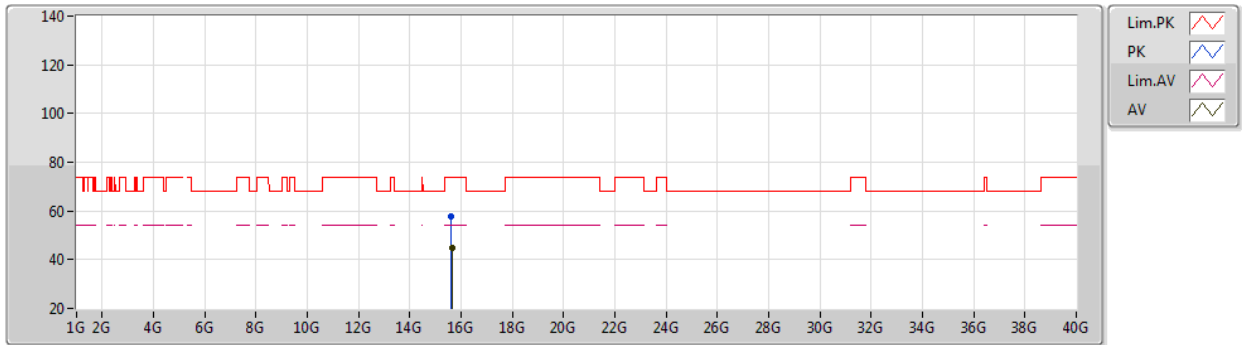

EUT Y_4TX
Setting 22
01-F-N-2-10

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	5.141G	56.95	74.00	-17.05	53.63	3	Horizontal	298	1.80	-	32.60	5.17	34.45
AV	5.15G	45.87	54.00	-8.13	42.55	3	Horizontal	298	1.80	-	32.60	5.17	34.45
PK	5.176G	104.64	Inf	-Inf	101.25	3	Horizontal	298	1.80	-	32.65	5.19	34.45
AV	5.205G	88.57	Inf	-Inf	85.10	3	Horizontal	298	1.80	-	32.71	5.21	34.45
PK	5.45G	55.90	74.00	-18.10	51.52	3	Horizontal	298	1.80	-	33.40	5.40	34.42
AV	5.419G	44.10	54.00	-9.90	39.84	3	Horizontal	298	1.80	-	33.28	5.40	34.42

802.11ax HEW80_Nss4,(MCS0)_4TX

03/03/2021

5210MHz_TX



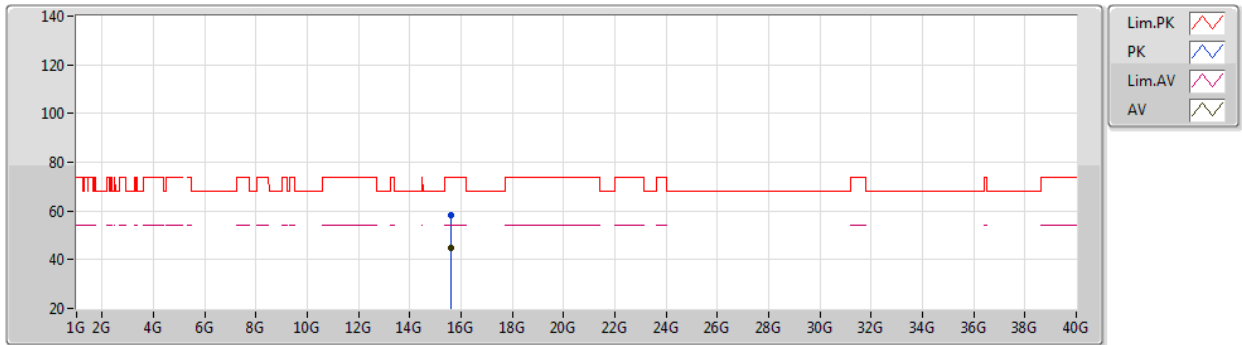
EUT V_4TX
Setting 22
01-F-N-2

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	15.62948G	57.75	74.00	-16.25	44.65	3	Vertical	71	1.80	-	38.33	9.23	34.46
AV	15.63488G	44.94	54.00	-9.06	31.84	3	Vertical	71	1.80	-	38.33	9.23	34.46

802.11ax HEW80_Nss4,(MCS0)_4TX

03/03/2021

5210MHz_TX



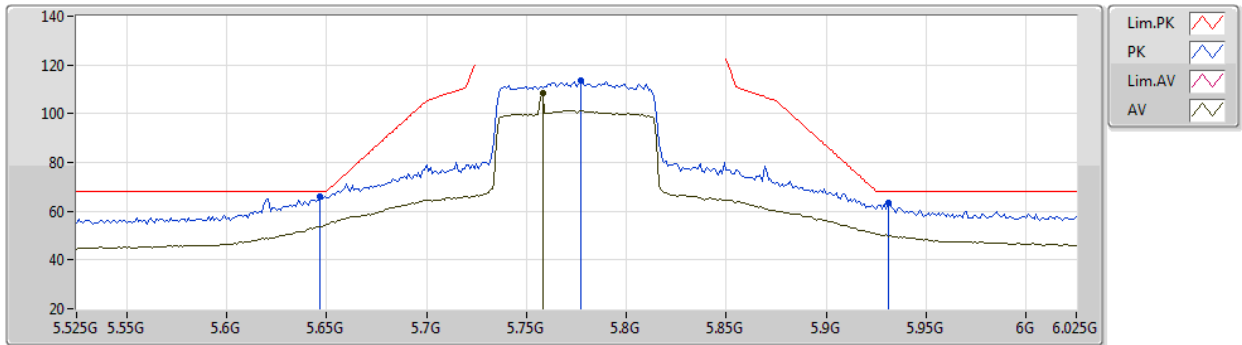
EUT_V_4TX
Setting 22
01-F-N-2

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	15.63088G	58.42	74.00	-15.58	45.32	3	Horizontal	336	1.80	-	38.33	9.23	34.46
AV	15.62364G	45.05	54.00	-8.95	31.96	3	Horizontal	336	1.80	-	38.32	9.22	34.45

802.11ax HEW80_Nss4,(MCS0)_4TX

03/03/2021

5775MHz_TX



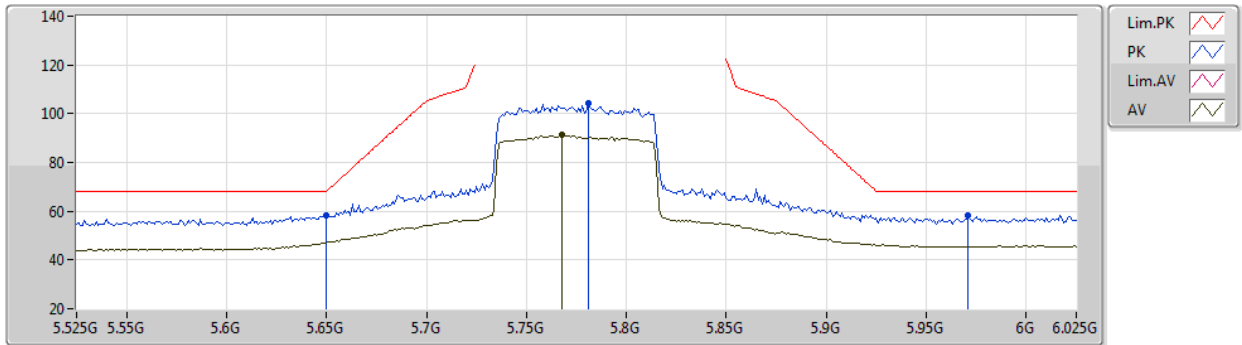
EUT Y_4TX
Setting 28
01-F-N-2-10

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	5.647G	66.04	68.20	-2.16	61.19	3	Vertical	87	1.70	-	33.89	5.42	34.46
PK	5.777G	113.52	Inf	-Inf	108.32	3	Vertical	87	1.70	-	34.21	5.49	34.50
AV	5.758G	108.59	Inf	-Inf	103.48	3	Vertical	87	1.70	-	34.13	5.48	34.50
PK	5.931G	63.25	68.20	-4.95	57.39	3	Vertical	87	1.70	-	34.92	5.50	34.56

802.11ax HEW80_Nss4,(MCS0)_4TX

03/03/2021

5775MHz_TX



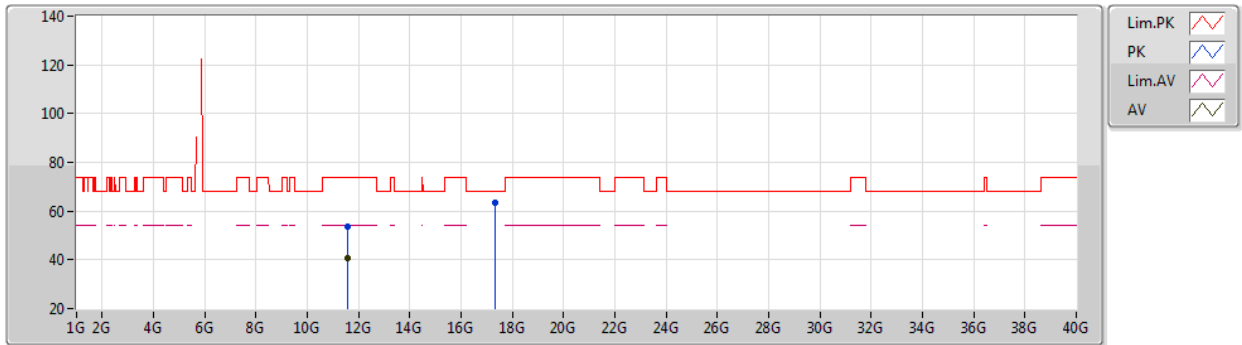
EUT Y_4TX
Setting 28
01-F-N-2-10

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	5.65G	58.16	68.20	-10.04	53.29	3	Horizontal	287	1.68	-	33.90	5.43	34.46
PK	5.781G	104.52	Inf	-Inf	99.32	3	Horizontal	287	1.68	-	34.22	5.49	34.51
AV	5.768G	91.43	Inf	-Inf	86.28	3	Horizontal	287	1.68	-	34.17	5.48	34.50
PK	5.971G	58.14	68.20	-10.06	52.13	3	Horizontal	287	1.68	-	35.08	5.50	34.57

802.11ax HEW80_Nss4,(MCS0)_4TX

03/03/2021

5775MHz_TX



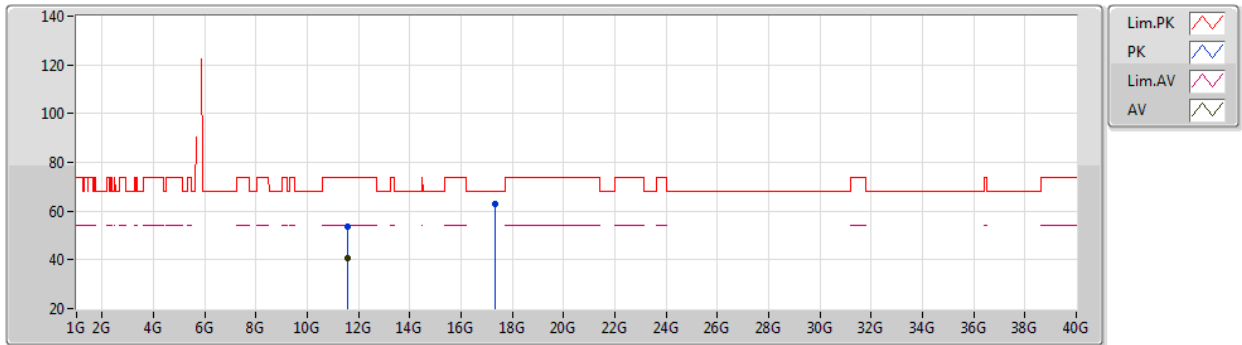
EUT Y_4TX
Setting 28
01-F-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.55444G	53.77	74.00	-20.23	42.01	3	Vertical	40	1.77	-	38.40	7.84	34.48
AV	11.55044G	40.69	54.00	-13.31	28.93	3	Vertical	40	1.77	-	38.40	7.84	34.48
PK	17.31692G	63.35	68.20	-4.85	44.94	3	Vertical	157	2.95	-	41.97	9.76	33.32

802.11ax HEW80_Nss4,(MCS0)_4TX

03/03/2021

5775MHz_TX



EUT Y_4TX
Setting 28
01-F-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5548G	53.86	74.00	-20.14	42.10	3	Horizontal	115	1.07	-	38.40	7.84	34.48
AV	11.55216G	40.65	54.00	-13.35	28.89	3	Horizontal	115	1.07	-	38.40	7.84	34.48
PK	17.32052G	62.94	68.20	-5.26	44.52	3	Horizontal	69	1.80	-	41.98	9.76	33.32

