



NCC RADIO TEST REPORT

Equipment : AX6600 全家庭覆蓋 Wi-Fi Mesh 系統
Brand Name : tp-link
Model Name : Deco X90
Applicant : 聯洲國際有限公司
新北市板橋區中山路一段 156 號 13 樓
Manufacturer : 普聯技術有限公司
深圳市南山區深南路科技園工業廠房 24 棟南段 1,3,4,5
層, 28 棟 1-4 層
Standard : LP0002 Section 5.7 (2020-07-01)

The product was received on Jul. 28, 2020, and testing was started from Jul. 31, 2020 and completed on Sep. 23, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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


Approved by: Cliff Chang

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_1 Ver1.2



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Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	5.7.8	Antenna Requirement	PASS	-
3.1	3.3	AC Power-line Conducted Emissions	PASS	-
3.2	5.7.3	Emission Bandwidth	PASS	-
3.3	5.7.3	Maximum Conducted Output Power	PASS	-
3.4	5.7.3	Peak Power Spectral Density	PASS	-
3.5	5.7.4	Unwanted Emissions	PASS	-
The test results of this report reference the Sporton Report No.: FR070131AB. After evaluating, the test results comply with the test standard LP0002 (2020-07-01).				

Declaration of Conformity:

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

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Wendy Pan

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]
5250-5350		5260-5320	52-64 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5250-5350		5290	58 [1]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [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
5.15-5.25GHz	802.11ac VHT160	160	4TX
5.15-5.25GHz	802.11ac VHT160-BF	160	4TX
5.15-5.25GHz	802.11ax HEW160	160	4TX
5.15-5.25GHz	802.11ax HEW160-BF	160	4TX



Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	4TX
5.25-5.35GHz	802.11n HT20	20	4TX
5.25-5.35GHz	802.11n HT20-BF	20	4TX
5.25-5.35GHz	802.11ac VHT20	20	4TX
5.25-5.35GHz	802.11ac VHT20-BF	20	4TX
5.25-5.35GHz	802.11HEW20	20	4TX
5.25-5.35GHz	802.11HEW20-BF	20	4TX
5.25-5.35GHz	802.11n HT40	40	4TX
5.25-5.35GHz	802.11n HT40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT40	40	4TX
5.25-5.35GHz	802.11ac VHT40-BF	40	4TX
5.25-5.35GHz	802.11HEW40	40	4TX
5.25-5.35GHz	802.11HEW40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT80	80	4TX
5.25-5.35GHz	802.11ac VHT80-BF	80	4TX
5.25-5.35GHz	802.11HEW80	80	4TX
5.25-5.35GHz	802.11HEW80-BF	80	4TX
5.25-5.35GHz	802.11ac VHT160	160	4TX
5.25-5.35GHz	802.11ac VHT160-BF	160	4TX
5.25-5.35GHz	802.11ax HEW160	160	4TX
5.25-5.35GHz	802.11ax HEW160-BF	160	4TX

Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11n HT20-BF	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ac VHT20-BF	20	2TX
5.725-5.85GHz	802.11ax HE20	20	2TX
5.725-5.85GHz	802.11ax HE20-BF	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11n HT40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT40-BF	40	2TX
5.725-5.85GHz	802.11ax HE40	40	2TX
5.725-5.85GHz	802.11ax HE40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ac VHT80-BF	80	2TX
5.725-5.85GHz	802.11ax HE80	80	2TX
5.725-5.85GHz	802.11ax HE80-BF	80	2TX

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)		
	WLAN 2.4GHz	WLAN 5GHz B1~B2	WLAN 5GHz B4					WLAN 2.4GHz	WLAN 5GHz B1~B2	WLAN 5GHz B4
1	-	-	1	TP-LINK	3101503198	Dipole	I-PEX	-	-	0.97
2	-	-	2	TP-LINK	3101503199	Dipole	I-PEX	-	-	0.97
3	1	1	-	TP-LINK	3101503202	Dipole	I-PEX	1.97	0.98	-
4	2	4	-	TP-LINK	3101503203	Dipole	I-PEX	1.99	0.96	-
5	-	2	-	TP-LINK	3101503204	Dipole	I-PEX	-	0.96	-
6	-	3	-	TP-LINK	3101503205	Dipole	I-PEX	-	0.97	-

Note: The above information was declared by manufacturer.

For 2.4GHz WLAN function

IEEE 802.11b/g/n/VHT/ax mode (2TX/2RX):

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

Port 1 and port 2 could transmit/receive simultaneously.

For Band 1 ~ Band 2 5GHz WLAN function

IEEE 802.11a/n/ac/ax mode (4TX/4RX):

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

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

For Band 4 5GHz WLAN function

IEEE 802.11a/n/ac/ax mode (2TX/2RX):

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

Port 1 and port 2 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.992	0.03	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW20	0.99	0.04	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW40	0.987	0.06	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW80	0.987	0.06	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW160	0.985	0.07	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

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
	For IEEE 802.11n/ax/VHT in 2.4GHz and IEEE 802.11n/ac/ax in 5GHz.			
Weather Band	☐	With 5600~5650MHz	☒	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	Broadcom MTool 3.1.0.3			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT support type

Function
AP
Router
Mesh

Note: After evaluating, there is only the Router selected to test and recorded in the report.



1.2 Applicable Standards

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

- ♦ LP0002 Section 5.7 (2020-07-01)
- ♦ ANSI C63.10-2013
- ♦ FCC KDB 789033 D02 v02r01

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Benson Su	21.8-24°C / 57-61%	Aug. 03, 2020 ~ Sep. 07, 2020
Radiated (Unintentional)	03CH04-CB	Paul Chen	22.6-23.9°C / 51-53%	Sep. 16, 2020
Radiated<1GHz (Intentional)	03CH03-CB	JN Du	22.3-24.1°C / 56-60%	Sep. 23, 2020
Radiated>1GHz (Intentional)	03CH03-CB	Stim Sung	24.2-25°C / 54-58%	Jul. 31, 2020 ~ Aug. 01, 2020
	03CH06-CB	Stim Sung	22.7-23.7°C / 53-57%	Jul. 31, 2020 ~ Aug. 01, 2020
AC Conduction	CO01-CB	GN Hou	23~24°C / 61~63%	Sep. 17, 2020

Test site Designation No. TW0006 with FCC

Test site registered number IC 4086D with Industry Canada.



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.6 dB	Confidence levels of 95%
Conducted Emission	2.8 dB	Confidence levels of 95%
Output Power Measurement	1.4 dB	Confidence levels of 95%
Power Density Measurement	2.8 dB	Confidence levels of 95%
Bandwidth Measurement	0.39%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	83
5200MHz	90
5240MHz	92
5260MHz	64
5300MHz	67
5320MHz	69
802.11a_Nss1,(6Mbps)_2TX	-
5745MHz	104
5785MHz	104
5825MHz	105
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	82
5200MHz	90
5240MHz	92
5260MHz	66
5300MHz	68
5320MHz	69
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5745MHz	103
5785MHz	104
5825MHz	105
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	76
5230MHz	92
5270MHz	66
5310MHz	69
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5755MHz	99
5795MHz	101
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	74
5290MHz	67
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5775MHz	87
802.11ax HEW160_Nss1,(MCS0)_4TX	-



Mode	Power Setting
5250MHz Straddle 5.15-5.25GHz	73
5250MHz Straddle 5.25-5.35GHz	73
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	82
5200MHz	86
5240MHz	88
5260MHz	62
5300MHz	64
5320MHz	66
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5745MHz	103
5785MHz	104
5825MHz	105
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	76
5230MHz	88
5270MHz	61
5310MHz	65
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5755MHz	99
5795MHz	101
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	74
5290MHz	63
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5775MHz	87
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	73
5250MHz Straddle 5.25-5.35GHz	73

Note: The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

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	Unintentional - Normal Link
1	Router mode - EUT with Adapter

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	Unintentional - Normal Link
1	Router mode - EUT with Adapter
Operating Mode < 1GHz	Intentional - CTX
1	EUT WLAN 2.4GHz with Adapter
2	EUT WLAN 5GHz with Adapter
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	Unintentional - Normal Link
	Router mode - EUT with Adapter generated the worst test result for unwanted Emissions unintentional below 1GHz test, thus the measurement for unwanted Emissions unintentional 1GHz~5th Harmonic test will follow this same test configuration.
Operating Mode > 1GHz	Intentional - CTX

Note: The EUT can only be used at Y axis.



2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter	tp-link	T120250-2B4	Input: 100-240V ~ 50/60Hz, 0.8A Output: 12V, 2.5A



2.5 Support Equipment

For AC Conduction:

Support Equipment					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
A	AP Router (2.5Gbps)	ASUS	GT-AX11000	MSQ-RTHR00	Provided by Lab
B	Device	tp-link	Deco X90	TE7X90	Provided by applicant
C	Device NB	DELL	E6430	N/A	Provided by Lab
D	Eth1 NB	DELL	E6430	N/A	Provided by Lab
E	AP Router NB	DELL	E6430	N/A	Provided by Lab

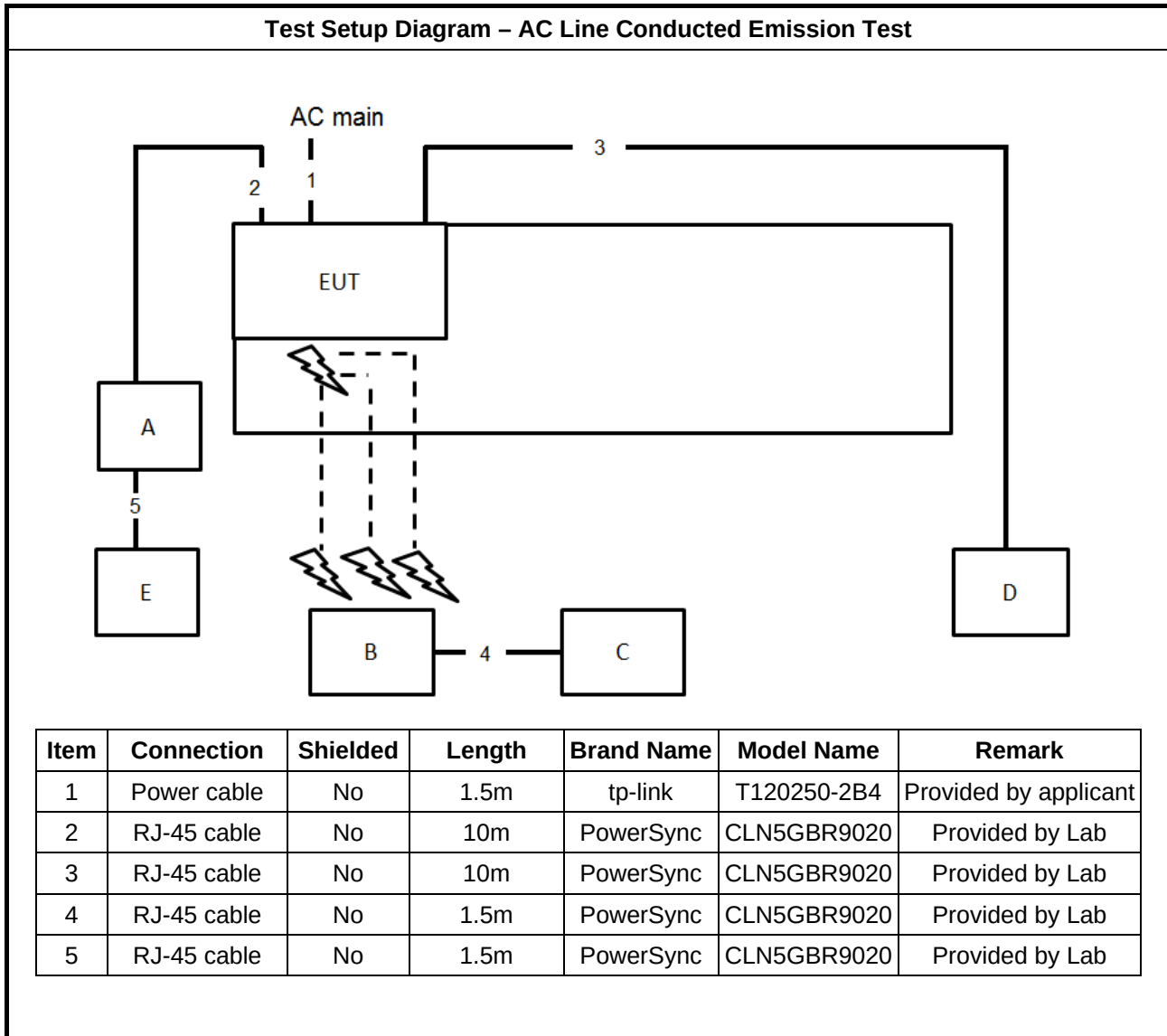
For Radiated (Unintentional):

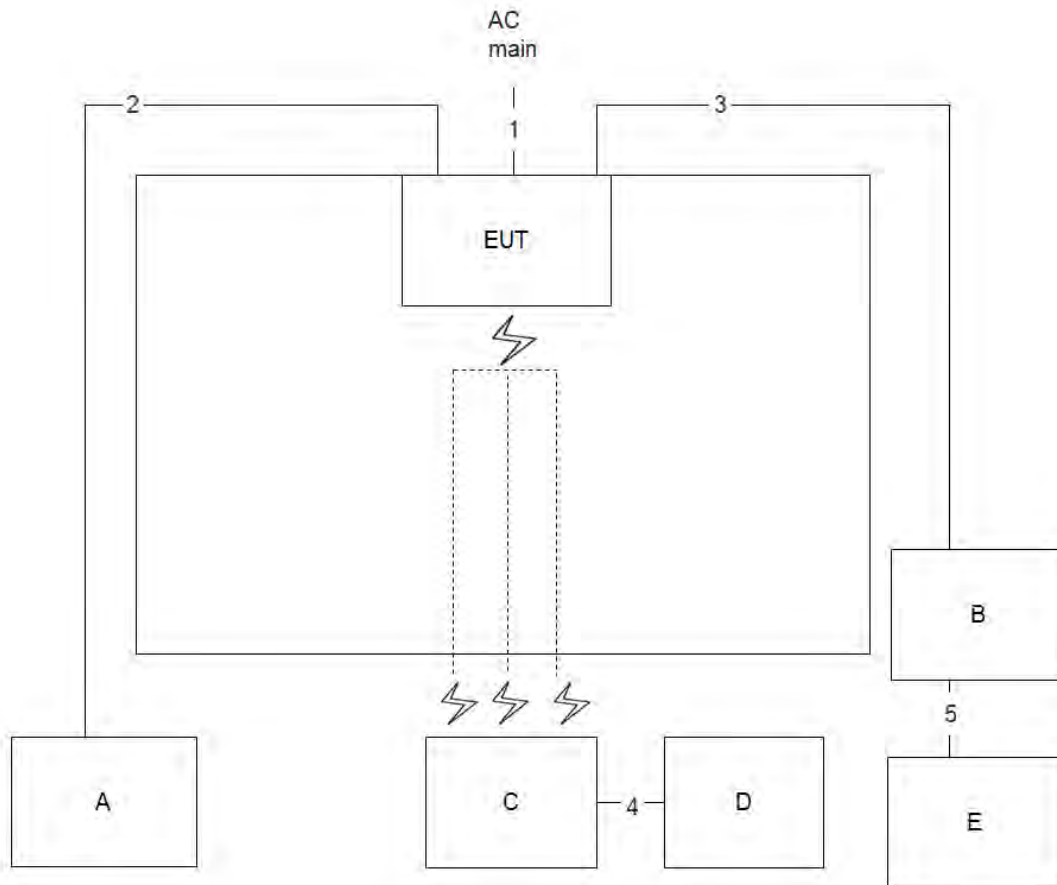
Support Equipment					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
A	Eth1 NB	DELL	E4300	N/A	Provided by Lab
B	AP Router (2.5Gbps)	ASUS	GT-AX11000	MSQ-RTHR00	Provided by Lab
C	Device	tp-link	Deco X90	TE7X90	Provided by applicant
D	Device NB	DELL	E4300	N/A	Provided by Lab
E	AP Router NB	DELL	E4300	N/A	Provided by Lab

For RF Conducted and Radiated (Intentional):

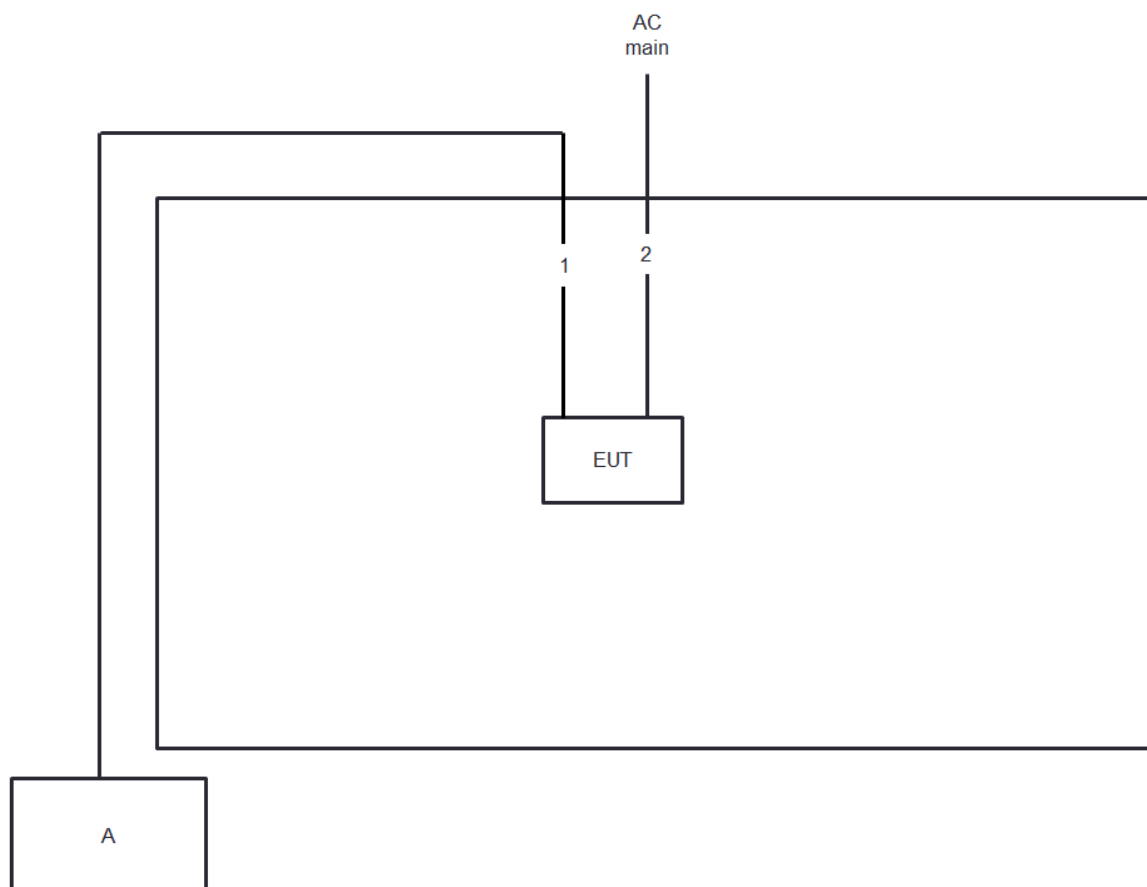
Support Equipment					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
A	Notebook	DELL	E4300	N/A	Provided by Lab

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Unintentional Test


Item	Connection	Shielded	Length	Brand Name	Model Name	Remark
1	Power cable	No	1.5m	tp-link	T120250-2B4	Provided by applicant
2	RJ-45 cable	No	10m	PowerSync	CLN5GBR9020	Provided by Lab
3	RJ-45 cable	No	10m	PowerSync	CLN5GBR9020	Provided by Lab
4	RJ-45 cable	No	1.5m	PowerSync	CLN5GBR9020	Provided by Lab
5	RJ-45 cable	No	1.5m	PowerSync	CLN5GBR9020	Provided by Lab

Test Setup Diagram - Radiated Intentional Test


Item	Connection	Shielded	Length	Brand Name	Model Name	Remark
1	RJ-45 cable	No	10m	PowerSync	CLN5GBR9020	Provided by Lab
2	Power cable	No	1.5m	tp-link	T120250-2B4	Provided by applicant



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.

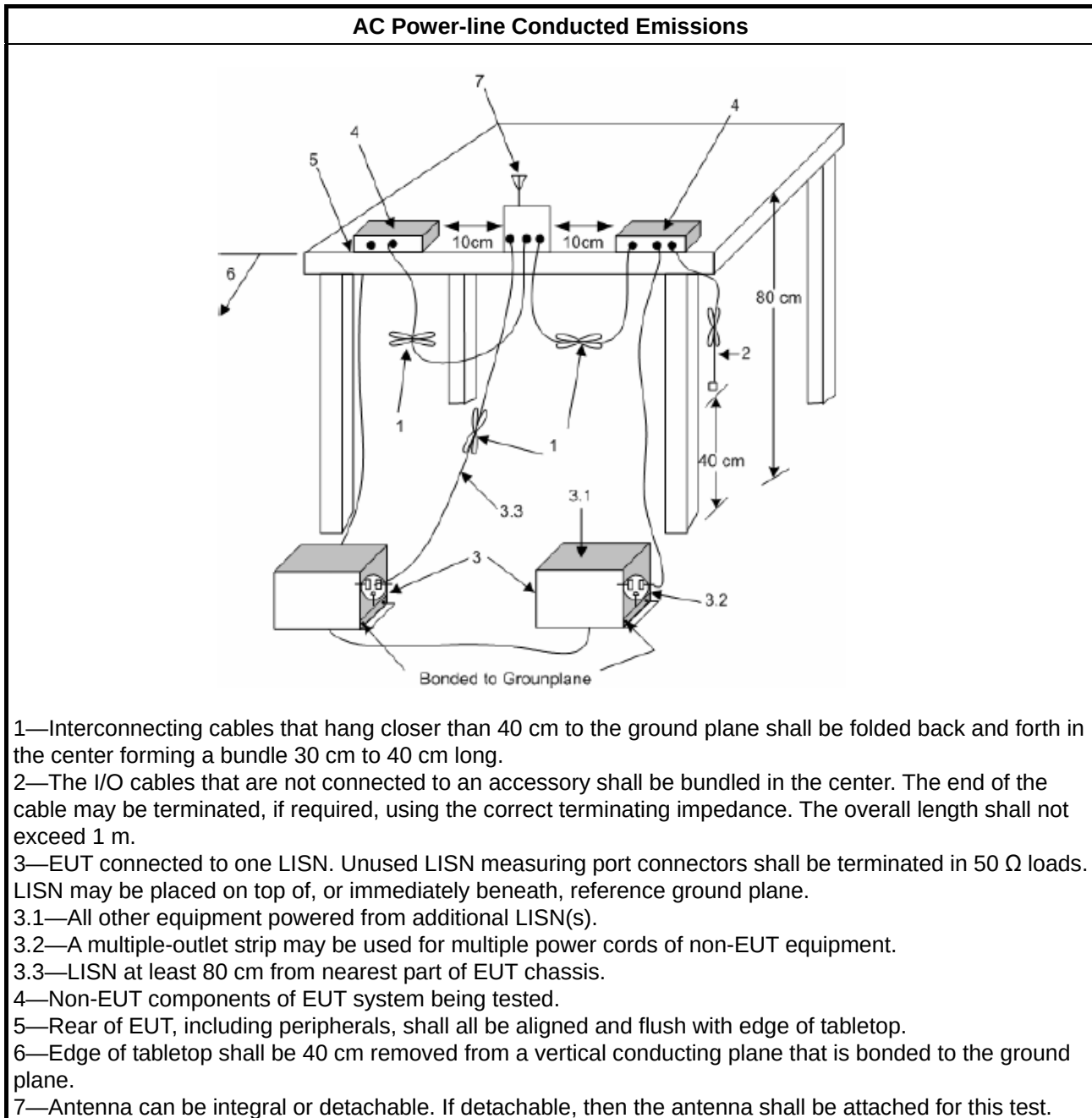
3.1.2 Measuring Instruments

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 $\geq 500\text{kHz}$.

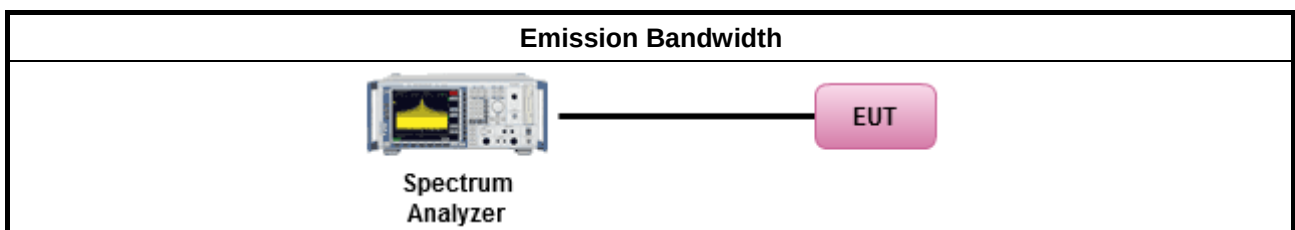
3.2.2 Measuring Instruments

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

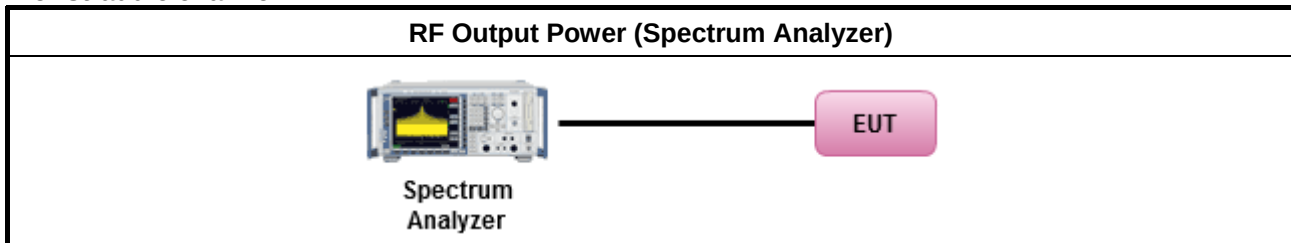
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

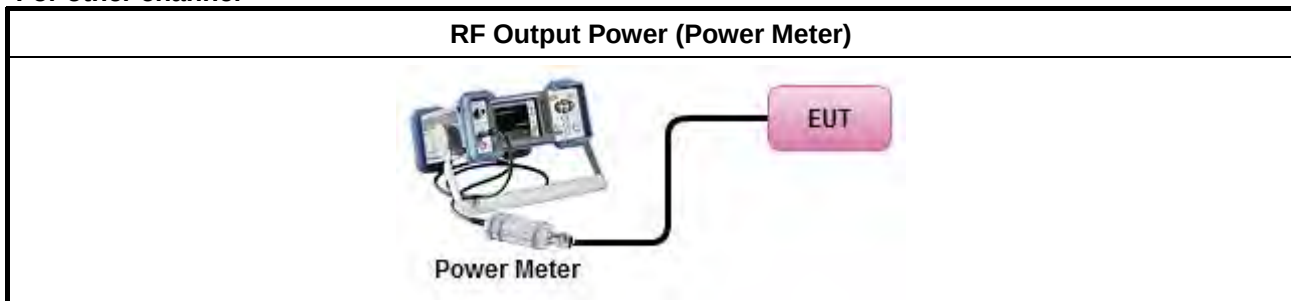
Test Method	
Maximum Conducted Output Power	
	Average over on/off periods with duty factor
☒	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off 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

For straddle channel



For other channel



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	- Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$. - Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☒ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☐ For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐ For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.	
☐ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
	e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for $0^\circ \leq \theta < 8^\circ$; -13 - 0.716 (θ-8) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 (θ-40) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$
☐ For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
☐ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that 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.	

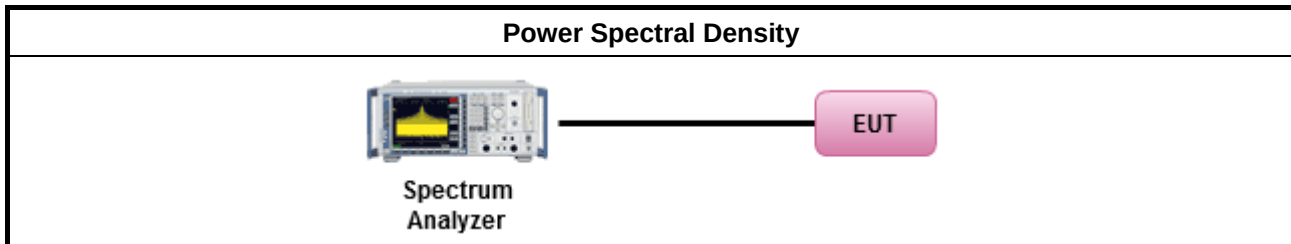
3.4.2 Measuring Instruments

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).

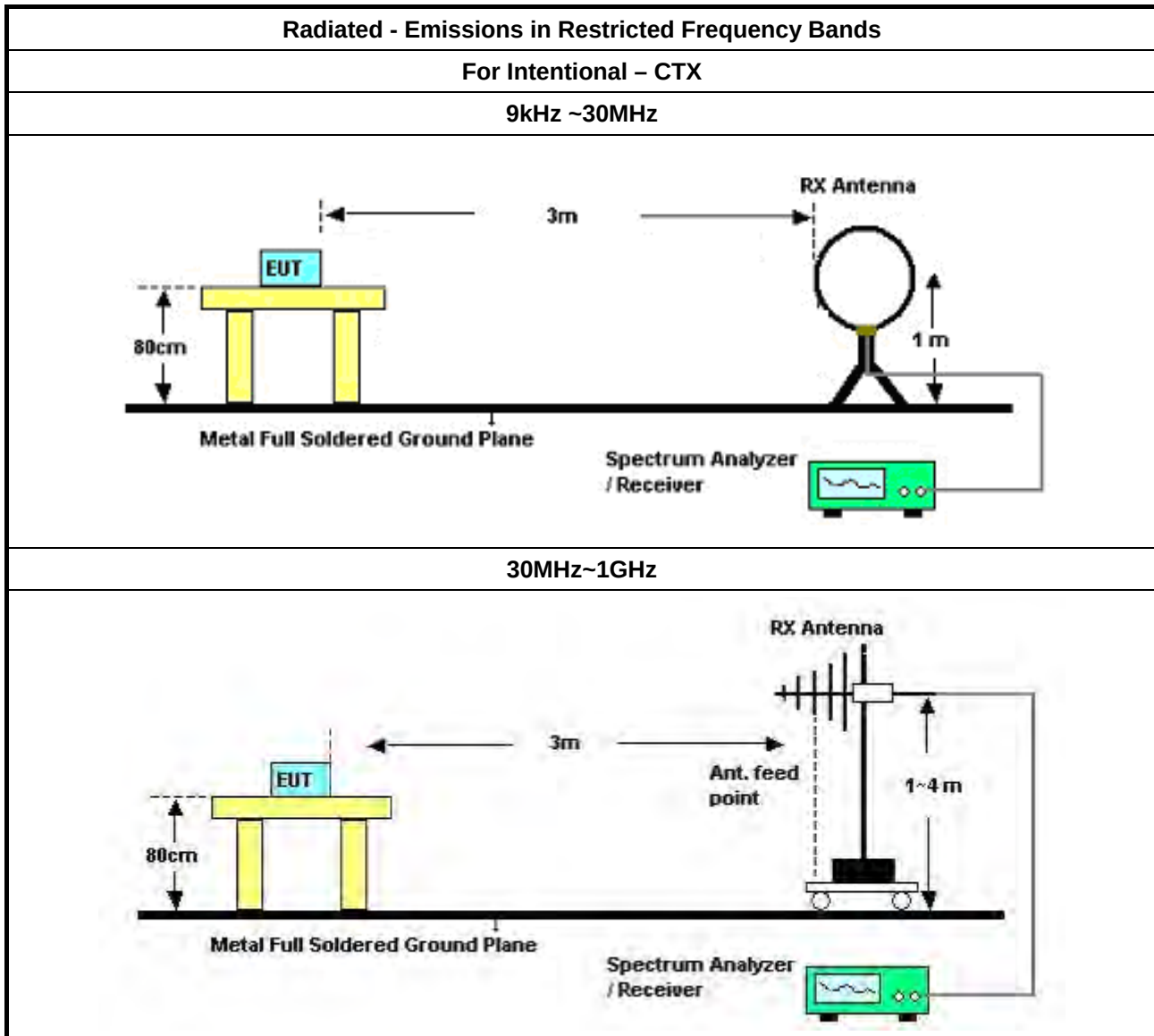
3.5.2 Measuring Instruments

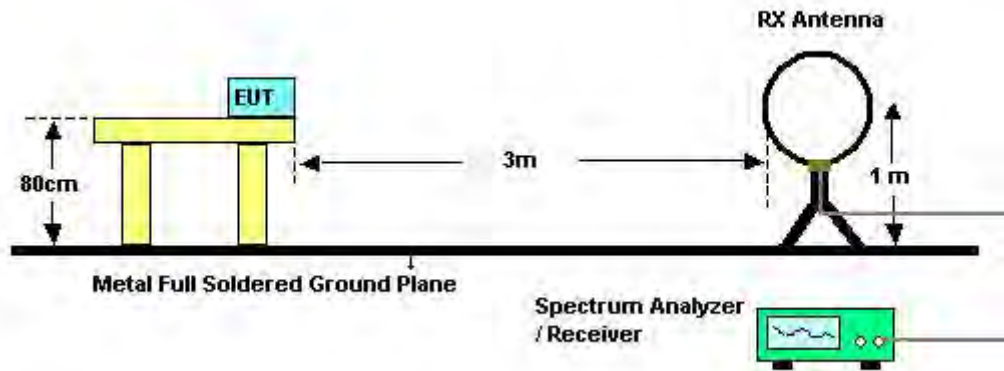
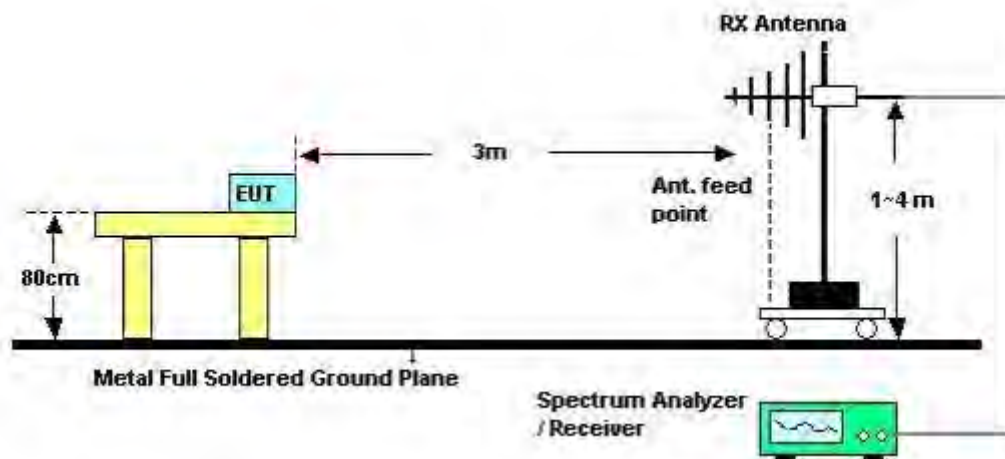
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

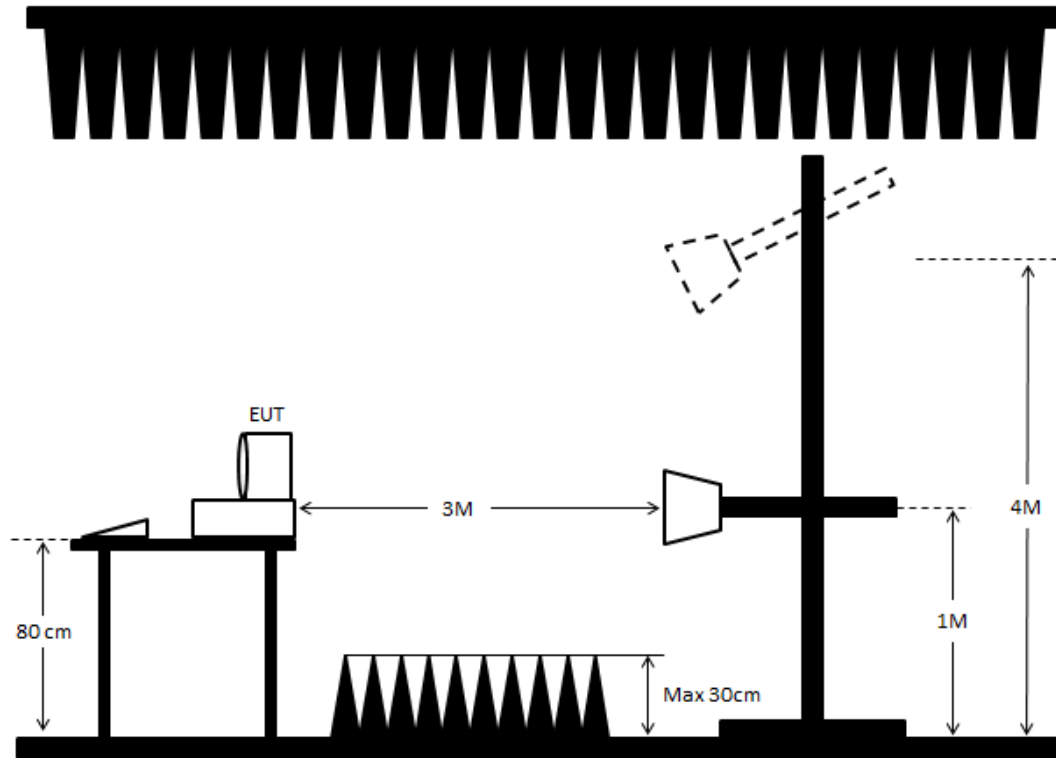
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above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

3.5.4 Test Setup

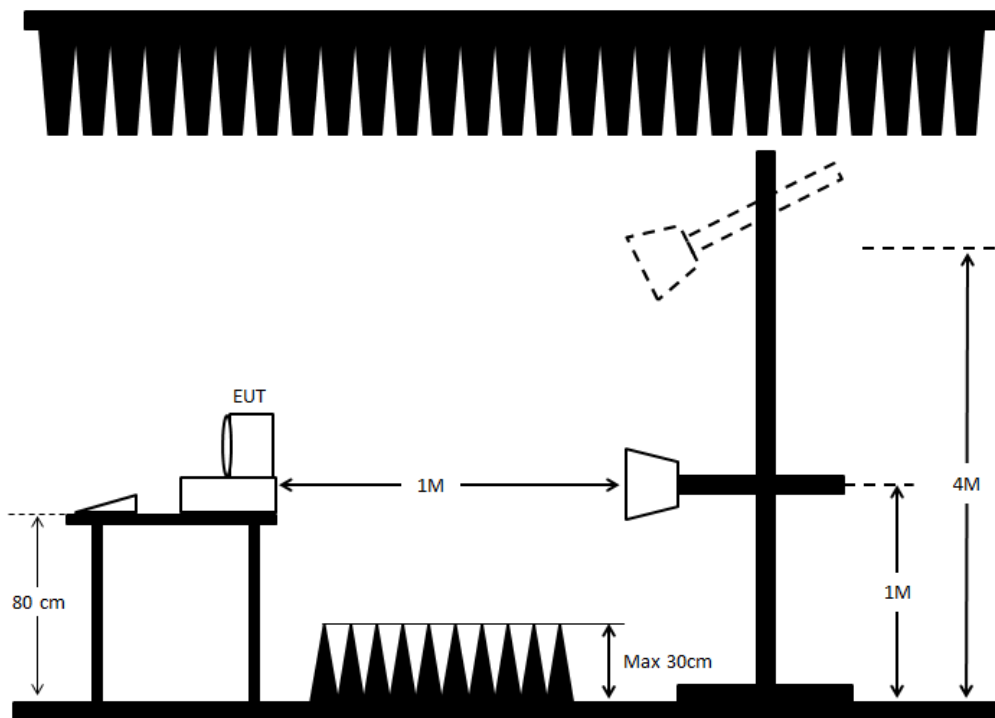


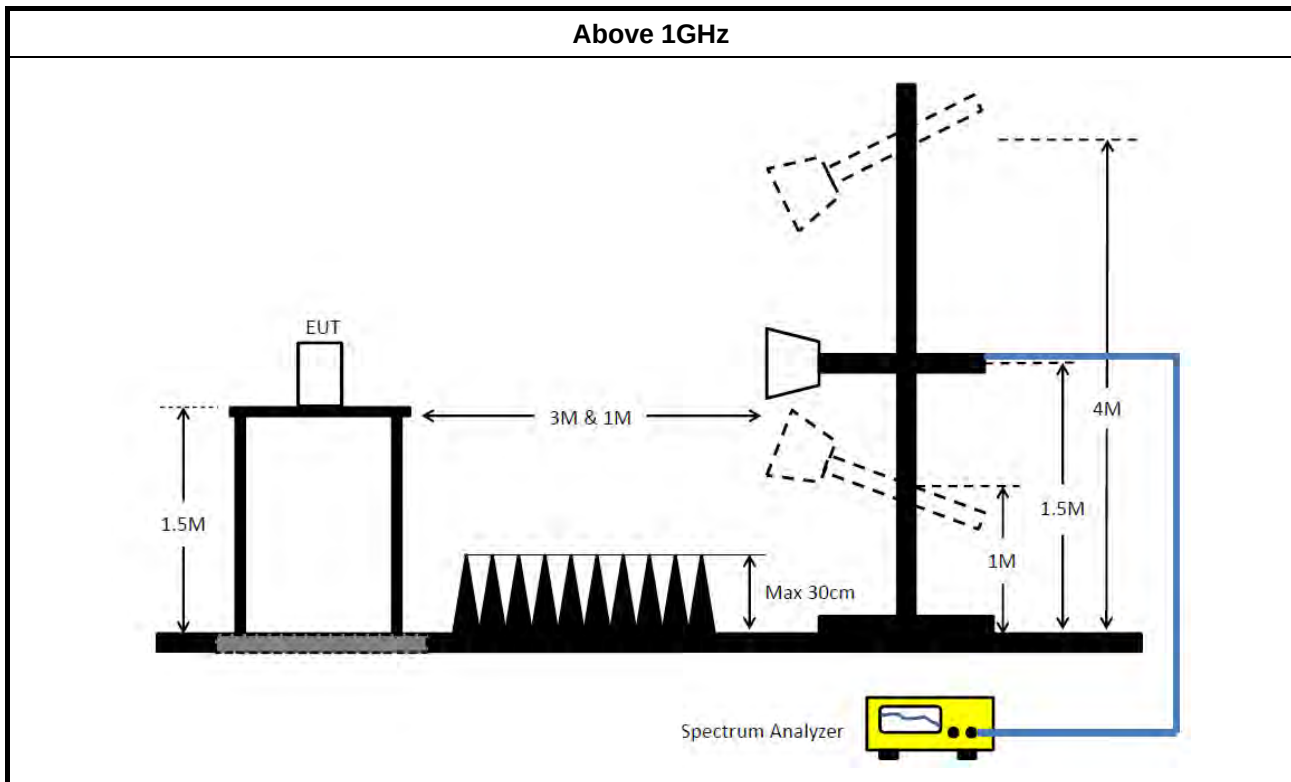
For Unintentional –Normal Link
9kHz ~30MHz

30MHz~1GHz


For Unintentional 1GHz~5th Harmonic –Normal Link (1,000~18,000 MHz)



For Unintentional 1GHz~5th Harmonic –Normal Link (18,000~30,000 MHz)





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
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 26, 2020	Feb. 25, 2021	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 25, 2019	Dec. 24, 2020	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Feb. 25, 2020	Feb. 24, 2021	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 31, 2020	Jan. 30, 2021	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 20, 2020	May 19, 2021	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 29, 2020	Jan. 28, 2021	Radiation (03CH03-CB)
Bilog Antenna with 6 dB attenuator	Schaffner	CBL6112B & N-6-06	2928 & AT-N0607	20MHz ~ 2GHz	Feb. 28, 2020	Feb. 27, 2021	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 15, 2020	Jan. 14, 2021	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 09, 2020	Jun. 08, 2021	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+27	25MHz ~ 1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N0607	30MHz ~ 1GHz	Oct. 12, 2019	Oct. 11, 2020	Radiation (03CH04-CB)
Horn Antenna	ETS • Lindgren	3115	00143147	750MHz~18GHz	Oct. 22, 2019	Oct. 21, 2020	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Apr. 28, 2020	Apr. 27, 2021	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jul. 14, 2020	Jul. 13, 2021	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Dec. 18, 2019	Dec. 17, 2020	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+22	30MHz ~ 1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz ~ 18GHz	Jul. 07, 2020	Jul. 06, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+22	1GHz ~ 18GHz	Feb. 01, 2020	Jan. 31, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Horn Antenna	ETS • Lindgren	3115	6821	750MHz~18GHz	Jan. 20, 2020	Jan. 19, 2021	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 03, 2020	Jun. 02, 2021	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 09, 2020	Jun. 08, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Jul. 28, 2020	Jul. 27, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Jul. 28, 2020	Jul. 27, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Horn Antenna	COM-POWER	AH-118	071028	1GHz ~ 18GHz	Jun. 09, 2020	Jun. 08, 2021	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 07, 2020	May 06, 2021	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Oct. 21, 2019	Oct. 20, 2020	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05+24	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 05, 2020	May 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-28	1 GHz –26.5 GHz	Nov. 18, 2019	Nov. 17, 2020	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 07, 2020	Feb. 06, 2021	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 07, 2020	Feb. 06, 2021	Conducted (TH01-CB)
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.

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



Conducted Emissions at Powerline

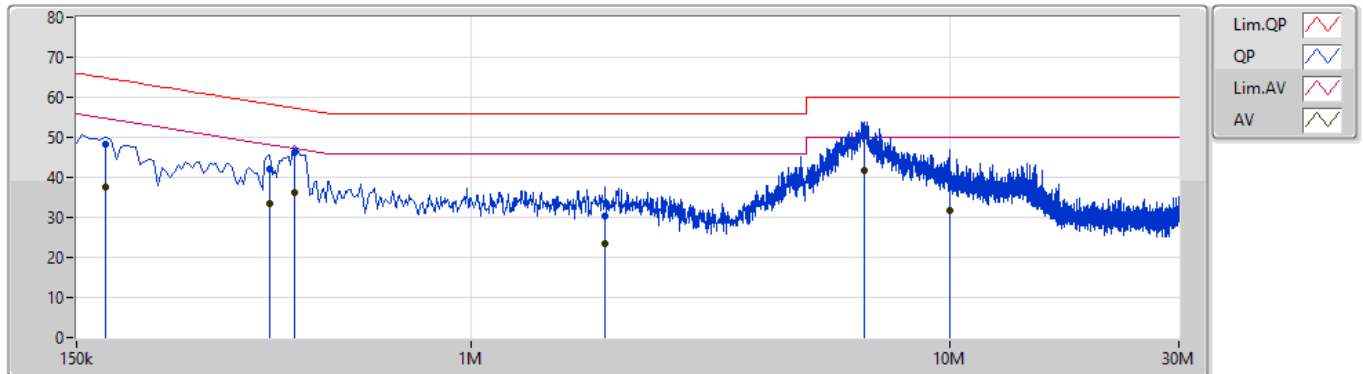
Appendix A

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	6.621M	41.88	50.00	-8.12	Line

Mode 1

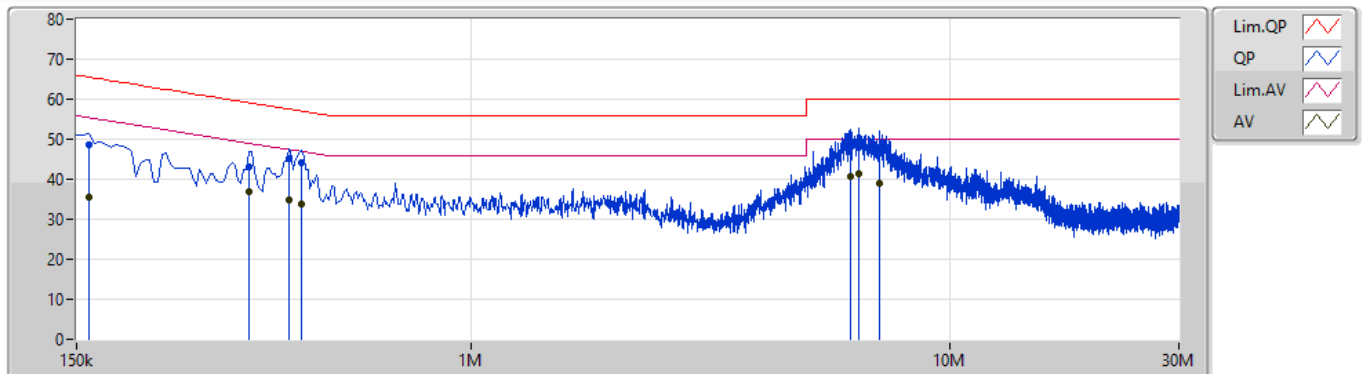
17/09/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	172.5k	48.40	64.83	-16.43	9.87	Line	-	38.53	0.05	0.03	9.79			
AV	172.5k	37.48	54.83	-17.35	9.87	Line	-	27.61	0.05	0.03	9.79			
QP	379.5k	42.11	58.29	-16.18	9.88	Line	-	32.23	0.04	0.03	9.81			
AV	379.5k	33.48	48.29	-14.81	9.88	Line	-	23.60	0.04	0.03	9.81			
QP	429k	46.20	57.28	-11.08	9.88	Line	-	36.32	0.04	0.03	9.81			
AV	429k	36.28	47.28	-11.00	9.88	Line	-	26.40	0.04	0.03	9.81			
QP	1.905M	30.43	56.00	-25.57	9.96	Line	-	20.47	0.06	0.07	9.83			
AV	1.905M	23.28	46.00	-22.72	9.96	Line	-	13.32	0.06	0.07	9.83			
QP	6.621M	50.45	60.00	-9.55	10.14	Line	-	40.31	0.13	0.14	9.87			
AV	6.621M	41.88	50.00	-8.12	10.14	Line	"Worst"	31.74	0.13	0.14	9.87			
QP	9.983M	39.60	60.00	-20.40	10.24	Line	-	29.36	0.17	0.15	9.92			
AV	9.983M	31.78	50.00	-18.22	10.24	Line	-	21.54	0.17	0.15	9.92			

Mode 1

17/09/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	159k	48.54	65.52	-16.98	9.86	Neutral	-	38.68	0.04	0.03	9.79			
AV	159k	35.42	55.52	-20.10	9.86	Neutral	-	25.56	0.04	0.03	9.79			
QP	343.5k	42.95	59.12	-16.17	9.88	Neutral	-	33.07	0.04	0.03	9.81			
AV	343.5k	37.03	49.12	-12.09	9.88	Neutral	-	27.15	0.04	0.03	9.81			
QP	415.5k	45.27	57.53	-12.26	9.88	Neutral	-	35.39	0.04	0.03	9.81			
AV	415.5k	34.80	47.53	-12.73	9.88	Neutral	-	24.92	0.04	0.03	9.81			
QP	442.5k	44.22	57.01	-12.79	9.88	Neutral	-	34.34	0.04	0.03	9.81			
AV	442.5k	33.85	47.01	-13.16	9.88	Neutral	-	23.97	0.04	0.03	9.81			
QP	6.189M	48.85	60.00	-11.15	10.13	Neutral	-	38.72	0.13	0.14	9.86			
AV	6.189M	40.52	50.00	-9.48	10.13	Neutral	-	30.39	0.13	0.14	9.86			
QP	6.428M	49.60	60.00	-10.40	10.14	Neutral	-	39.46	0.13	0.14	9.87			
AV	6.428M	41.39	50.00	-8.61	10.14	Neutral	"Worst"	31.25	0.13	0.14	9.87			
QP	7.134M	47.21	60.00	-12.79	10.16	Neutral	-	37.05	0.14	0.14	9.88			
AV	7.134M	38.81	50.00	-11.19	10.16	Neutral	-	28.65	0.14	0.14	9.88			

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	30M	17.091M	17M1D7W	21.09M	16.702M
802.11ax HEW20_Nss1,(MCS0)_4TX	31.17M	19.22M	19M2D7W	21.21M	19.04M
802.11ax HEW40_Nss1,(MCS0)_4TX	54.18M	37.721M	37M7D7W	39.78M	37.481M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.84M	77.121M	77M1D7W	81.24M	76.882M
802.11ax HEW160_Nss1,(MCS0)_4TX	82.32M	77.721M	77M7D7W	82.2M	77.481M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.42M	16.792M	16M8D7W	21.12M	16.642M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.57M	19.07M	19M1D7W	21.15M	18.951M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.2M	37.541M	37M5D7W	39.84M	37.421M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.72M	77.121M	77M1D7W	81M	76.882M
802.11ax HEW160_Nss1,(MCS0)_4TX	82.2M	77.601M	77M6D7W	81.6M	77.481M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.32M	36.552M	36M6D7W	16.05M	21.109M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.6M	34.033M	34M0D7W	17.91M	20.69M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.5M	57.871M	57M9D7W	36.78M	37.961M
802.11ax HEW80_Nss1,(MCS0)_2TX	76.2M	77.361M	77M4D7W	75.96M	77.241M

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

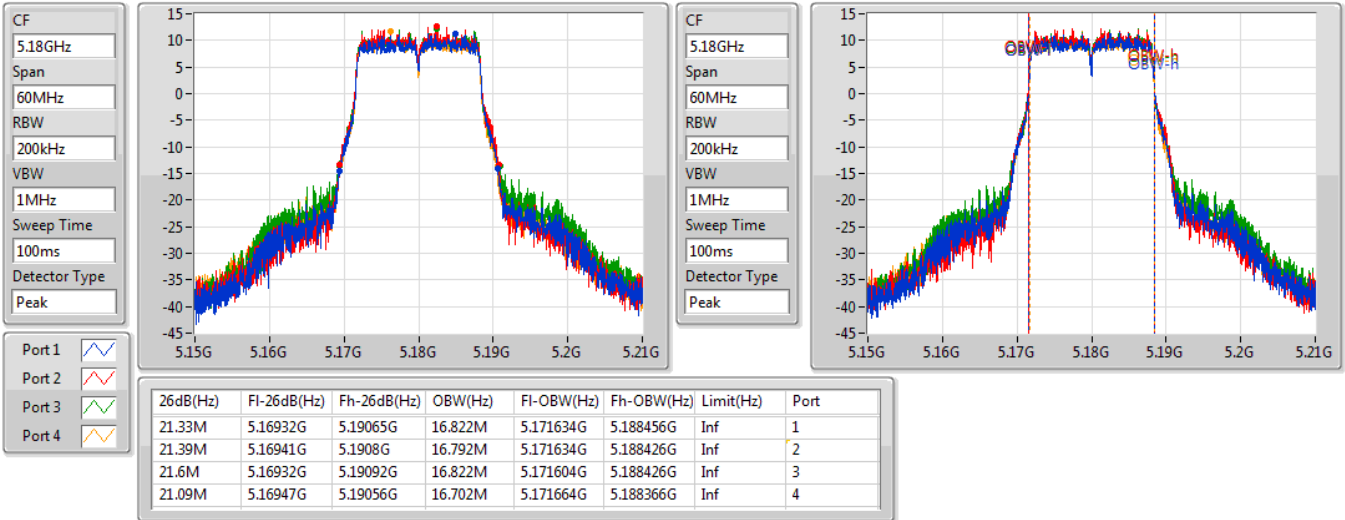
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.33M	16.822M	21.39M	16.792M	21.6M	16.822M	21.09M	16.702M
5200MHz	Pass	Inf	25.38M	17.031M	22.68M	16.882M	26.61M	17.031M	22.74M	16.882M
5240MHz	Pass	Inf	30M	17.001M	27.57M	17.061M	28.56M	17.091M	27.57M	16.972M
5260MHz	Pass	Inf	21.3M	16.792M	21.42M	16.762M	21.21M	16.702M	21.21M	16.672M
5300MHz	Pass	Inf	21.3M	16.762M	21.24M	16.762M	21.33M	16.732M	21.27M	16.672M
5320MHz	Pass	Inf	21.27M	16.762M	21.24M	16.762M	21.3M	16.732M	21.12M	16.642M
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	500k	16.32M	36.552M	16.05M	21.109M				
5785MHz	Pass	500k	16.32M	31.154M	16.32M	24.828M				
5825MHz	Pass	500k	16.26M	24.198M	16.32M	27.616M				
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.39M	19.1M	21.21M	19.04M	21.72M	19.1M	21.3M	19.07M
5200MHz	Pass	Inf	24.93M	19.13M	21.42M	19.1M	26.85M	19.19M	23.67M	19.1M
5240MHz	Pass	Inf	25.5M	19.19M	26.85M	19.16M	31.17M	19.22M	30.33M	19.22M
5260MHz	Pass	Inf	21.45M	19.04M	21.21M	19.01M	21.57M	19.04M	21.3M	19.04M
5300MHz	Pass	Inf	21.48M	19.04M	21.15M	19.04M	21.54M	19.07M	21.33M	19.01M
5320MHz	Pass	Inf	21.54M	19.04M	21.24M	19.01M	21.42M	19.07M	21.36M	18.951M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	500k	17.91M	34.033M	18.51M	20.69M				
5785MHz	Pass	500k	18.06M	32.534M	17.94M	25.457M				
5825MHz	Pass	500k	18.6M	25.577M	18.3M	30.195M				
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.08M	37.541M	39.96M	37.481M	39.78M	37.481M	39.9M	37.481M
5230MHz	Pass	Inf	54.18M	37.721M	48.66M	37.661M	52.8M	37.721M	52.2M	37.721M
5270MHz	Pass	Inf	40.2M	37.481M	39.96M	37.421M	39.84M	37.481M	39.96M	37.481M
5310MHz	Pass	Inf	40.08M	37.481M	39.9M	37.481M	39.96M	37.421M	39.96M	37.541M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	500k	37.2M	55.352M	36.78M	37.961M				
5795MHz	Pass	500k	37.2M	57.871M	37.5M	41.439M				
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.84M	77.121M	81.24M	76.882M	81.24M	76.882M	81.48M	77.001M
5290MHz	Pass	Inf	81.72M	77.121M	81.6M	76.882M	81.36M	77.001M	81M	76.882M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	500k	76.2M	77.361M	75.96M	77.241M				
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.32M	77.481M	82.32M	77.601M	82.32M	77.601M	82.2M	77.721M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.2M	77.601M	81.6M	77.481M	81.72M	77.601M	81.96M	77.481M

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

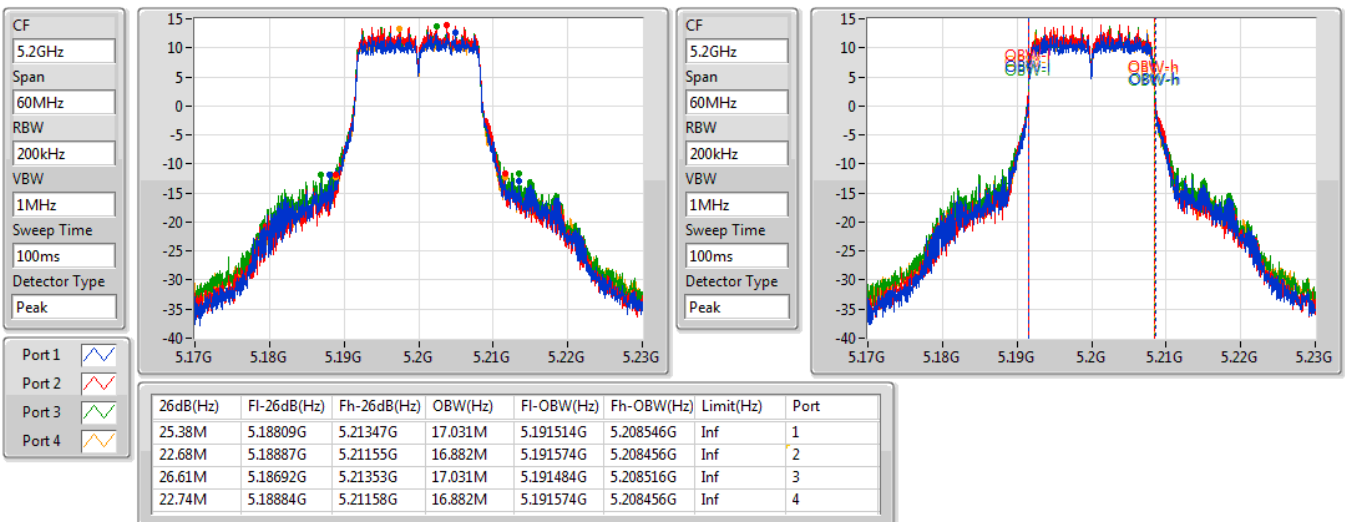
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX
EBW
5180MHz

07/09/2020

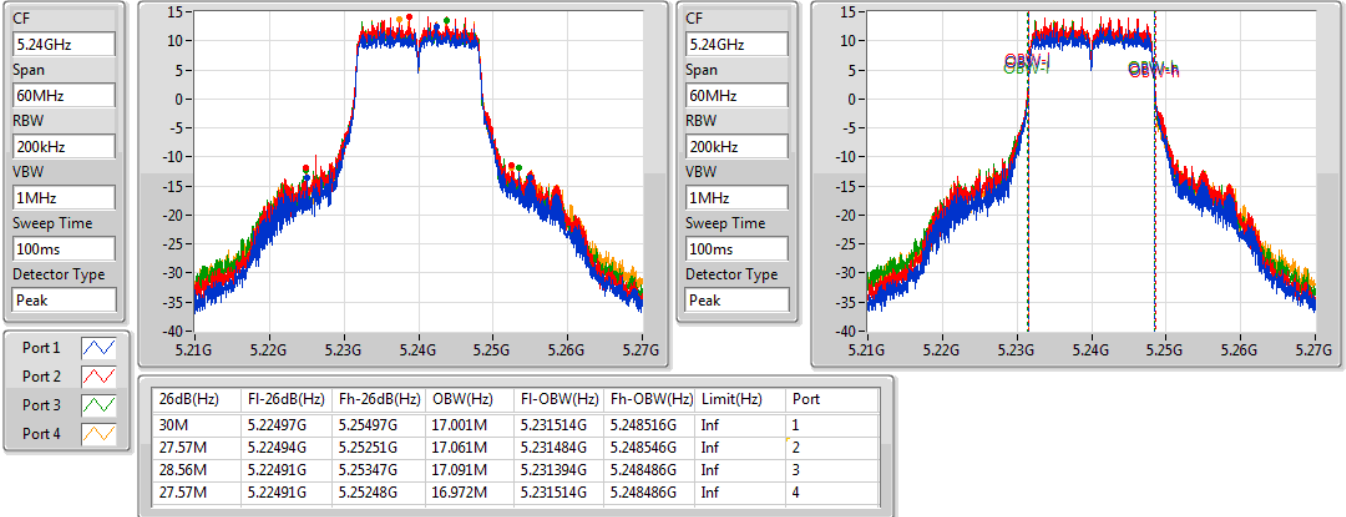

802.11a_Nss1,(6Mbps)_4TX
EBW
5200MHz

07/09/2020

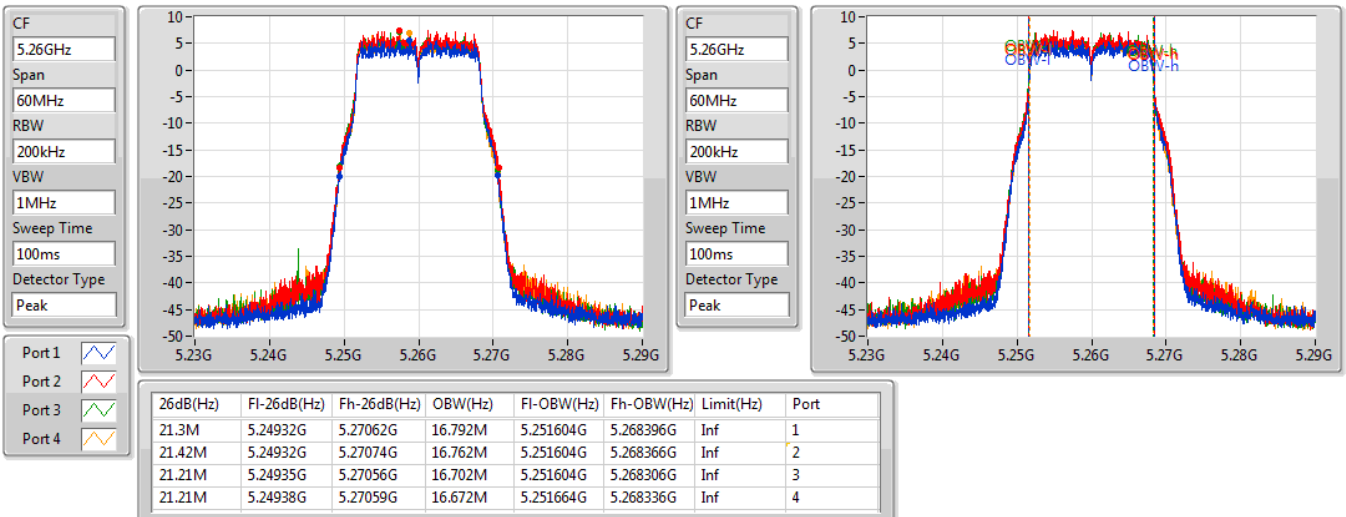


802.11a_Nss1,(6Mbps)_4TX
EBW
5240MHz

07/09/2020

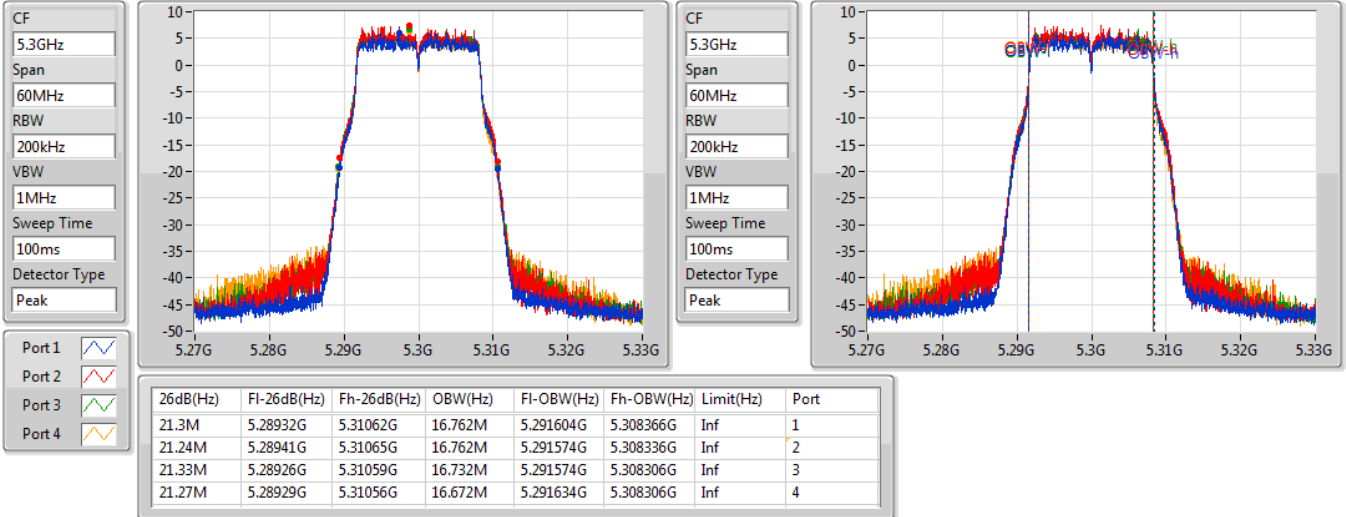

802.11a_Nss1,(6Mbps)_4TX
EBW
5260MHz

07/09/2020

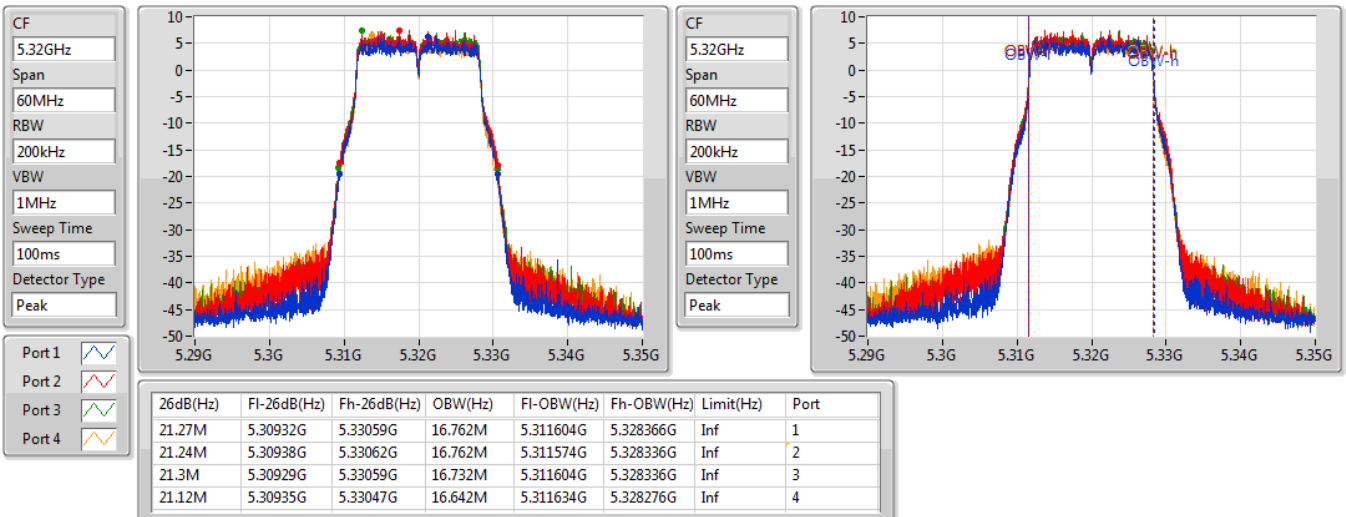


802.11a_Nss1,(6Mbps)_4TX
EBW
5300MHz

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802.11a_Nss1,(6Mbps)_4TX
EBW
5320MHz

07/09/2020

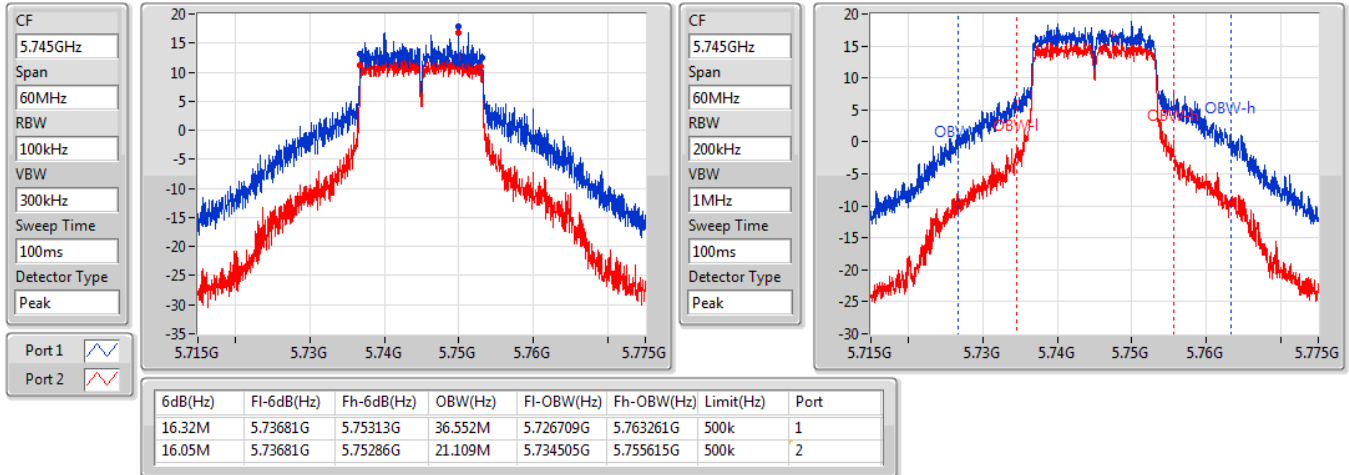


802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

04/08/2020

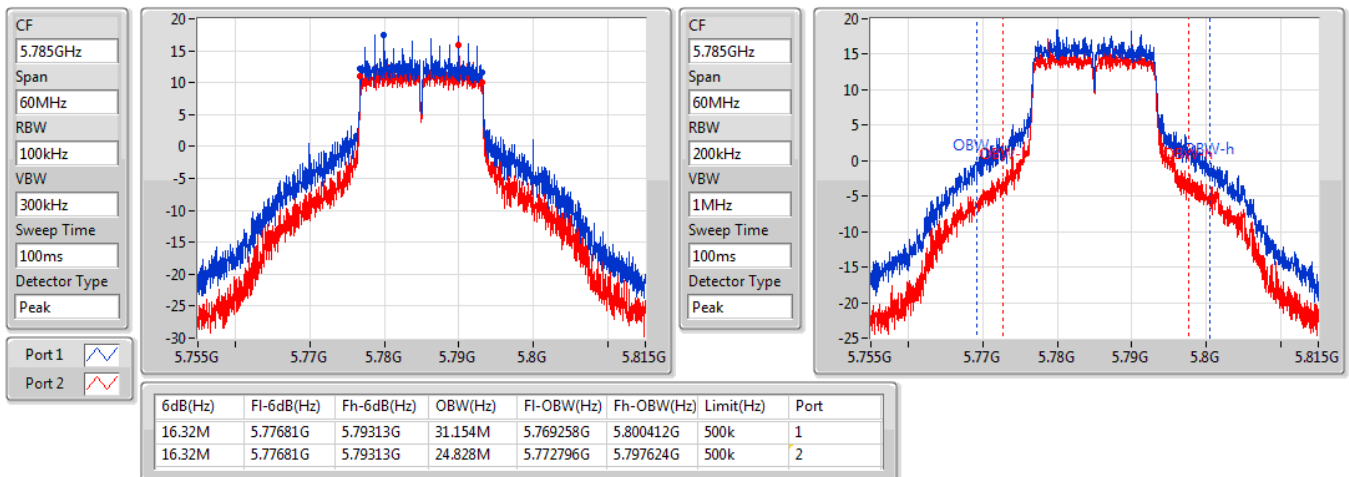


802.11a_Nss1,(6Mbps)_2TX

EBW

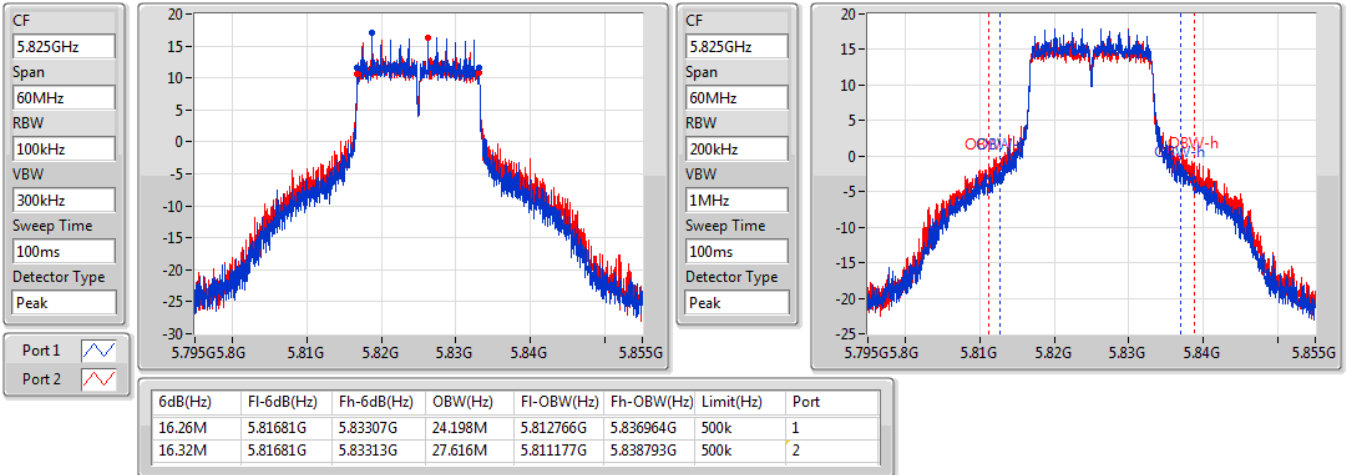
5785MHz

04/08/2020

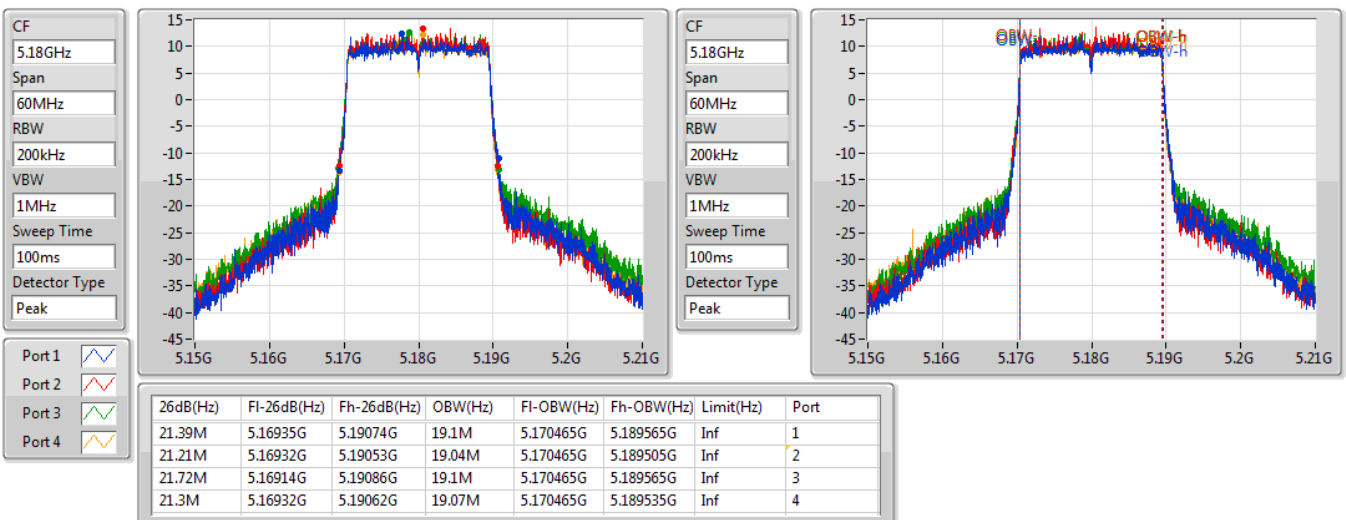


802.11a_Nss1,(6Mbps)_2TX
EBW
5825MHz

04/08/2020

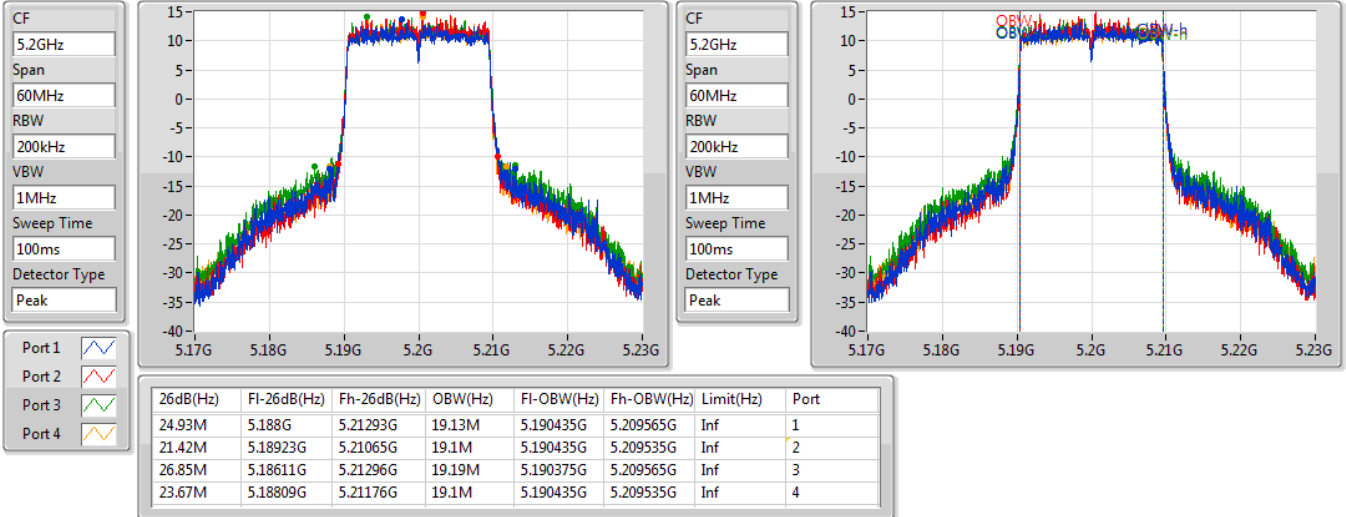

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5180MHz

07/09/2020

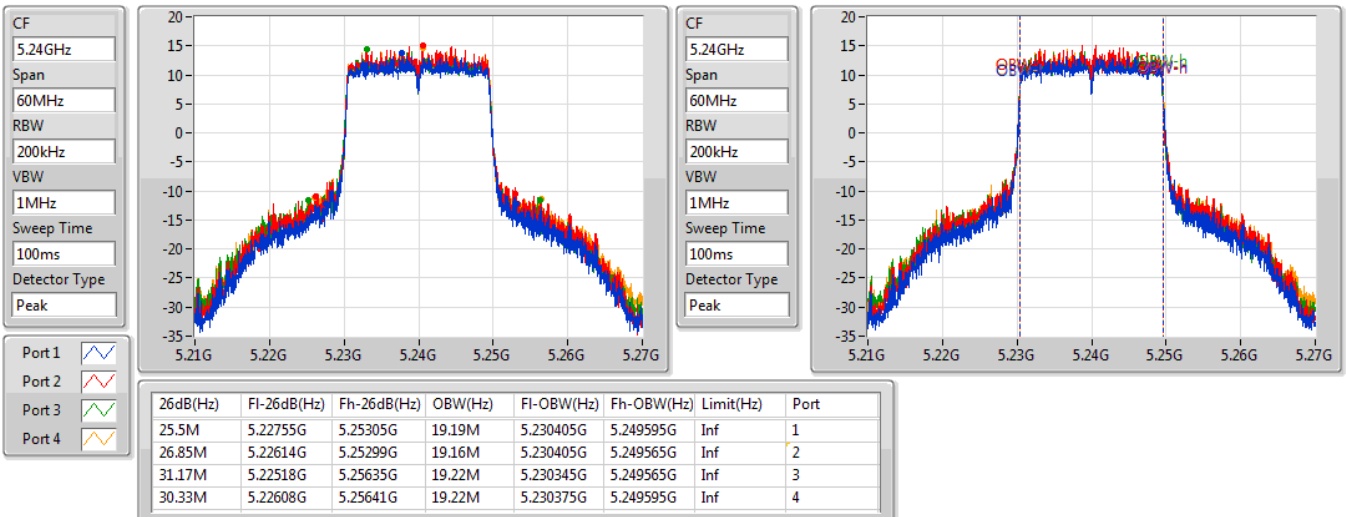


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5200MHz

07/09/2020

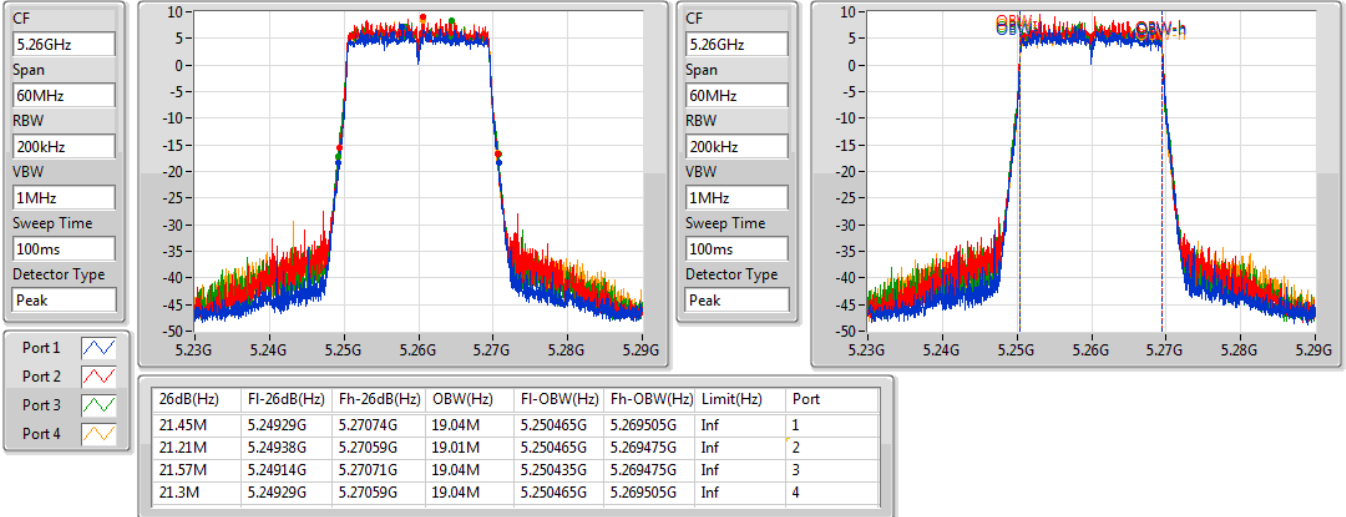

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5240MHz

07/09/2020

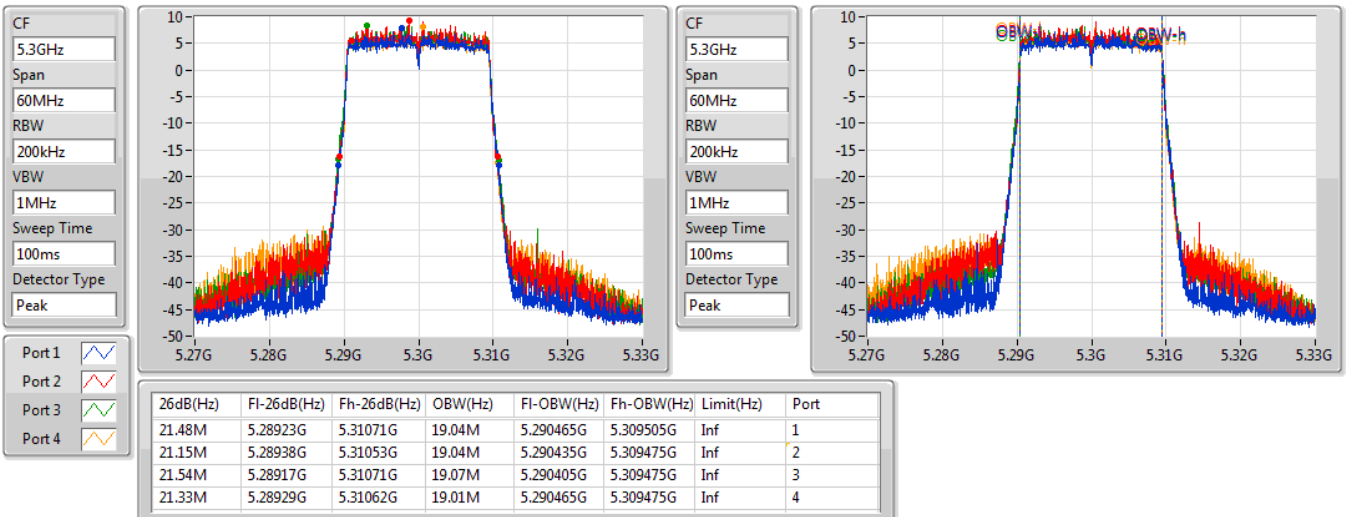


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5260MHz

07/09/2020

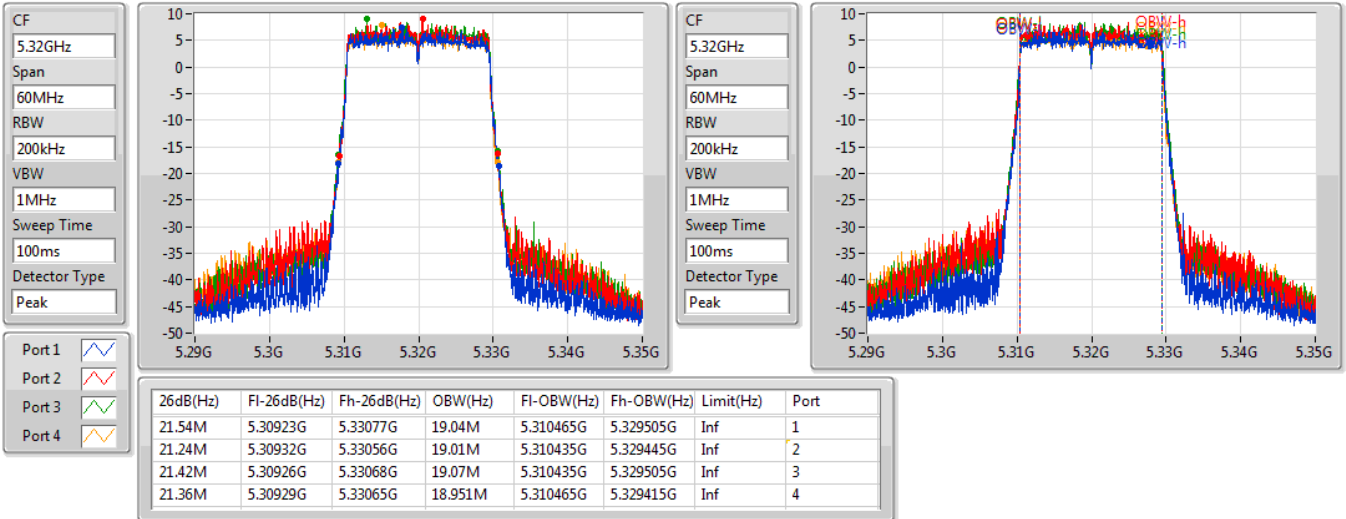

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5300MHz

07/09/2020

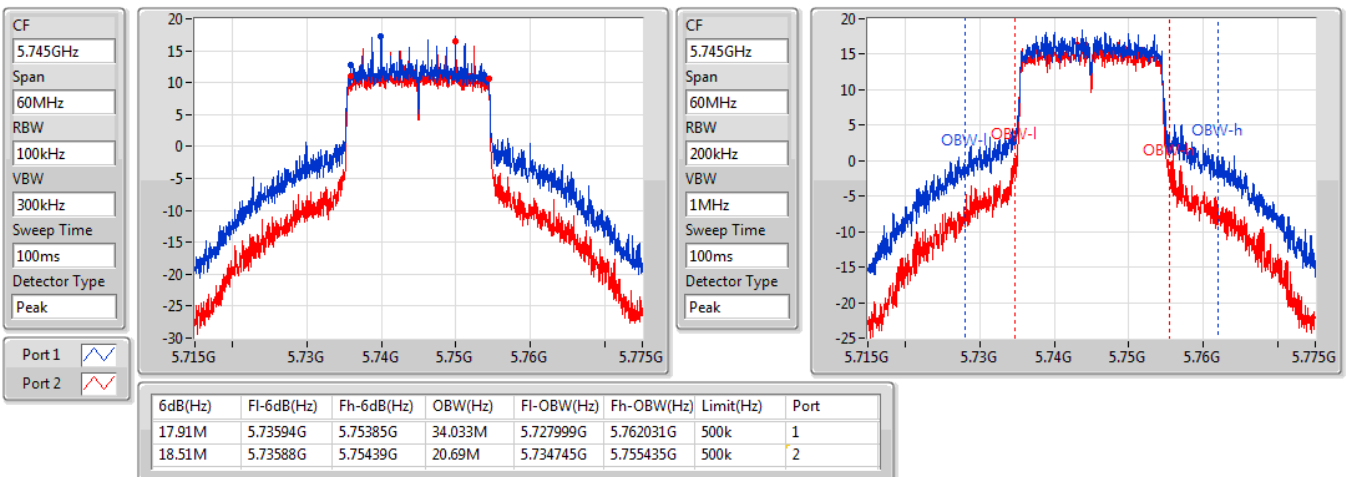


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5320MHz

07/09/2020

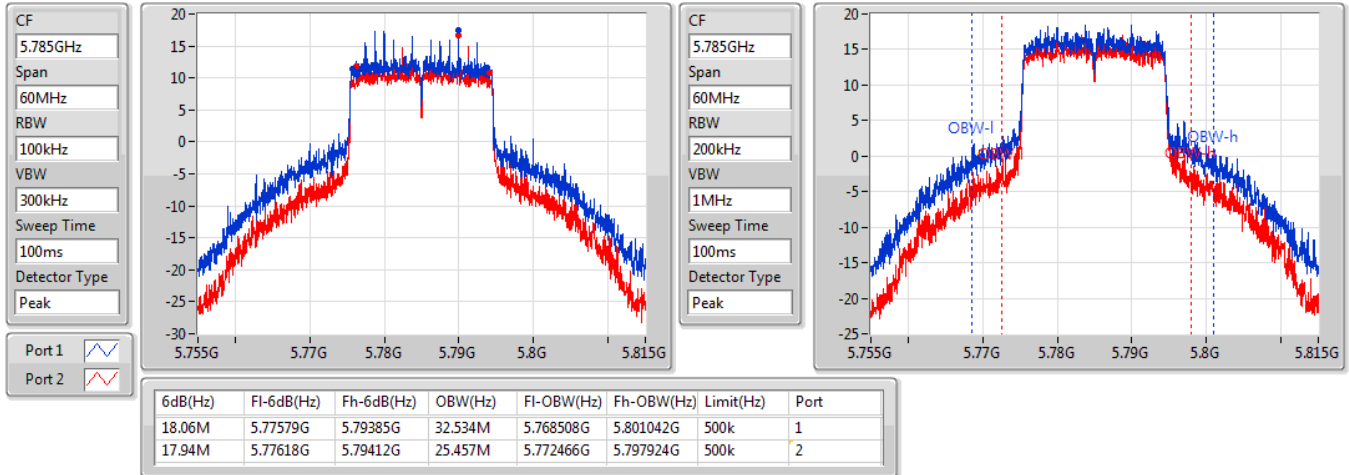

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5745MHz

04/08/2020

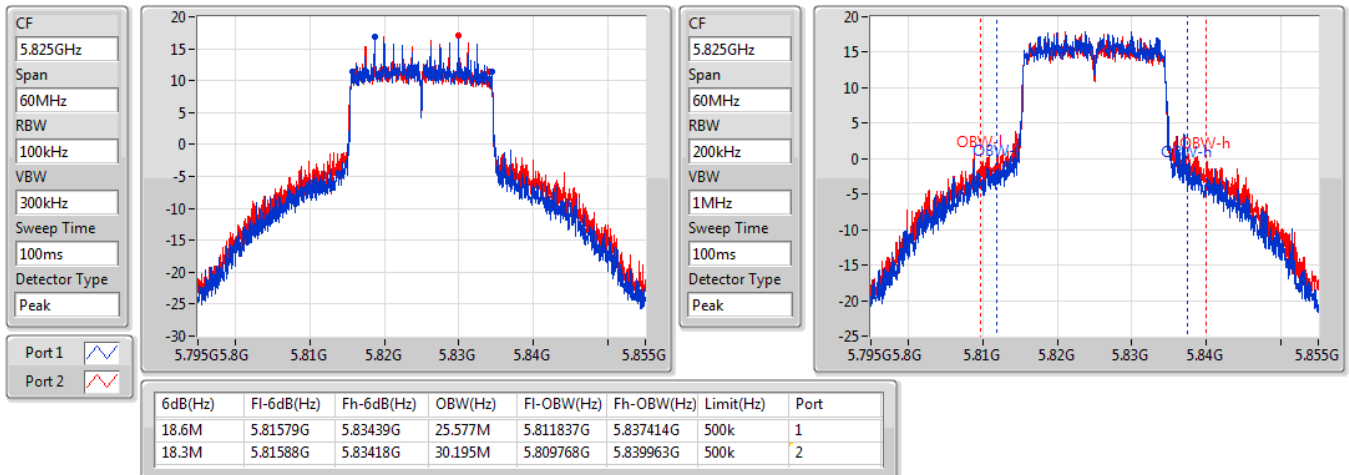


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5785MHz

04/08/2020

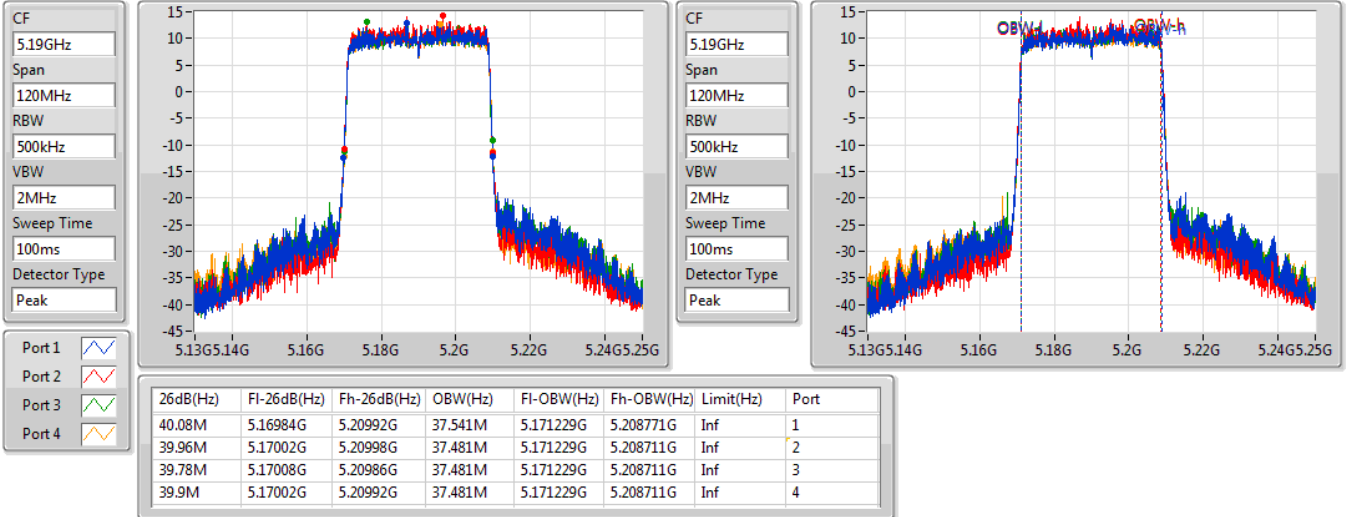

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5825MHz

04/08/2020

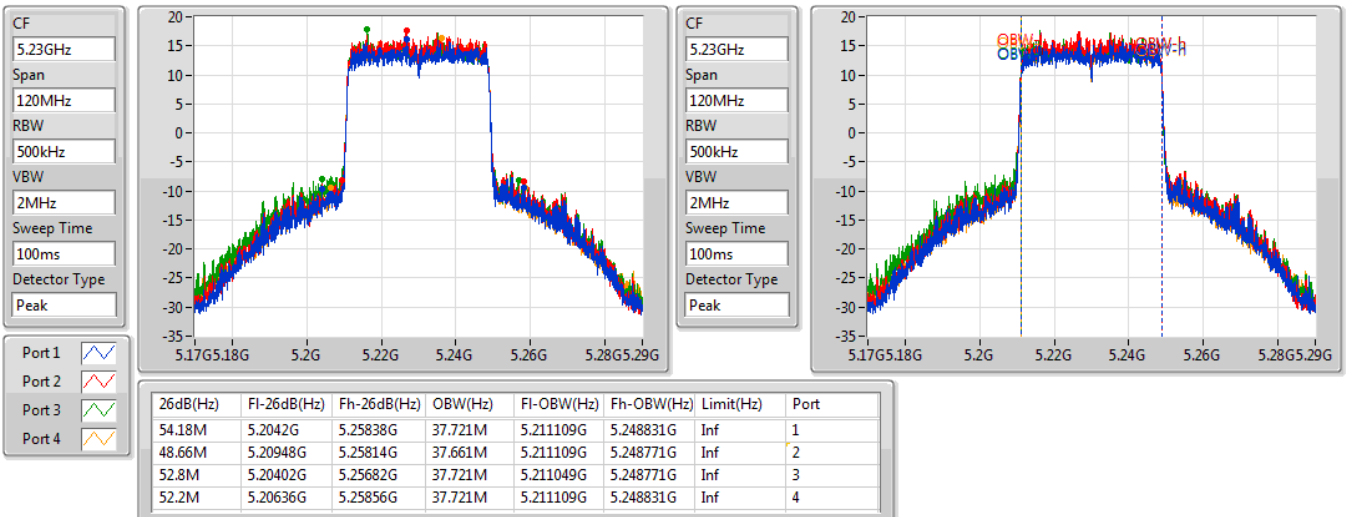


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5190MHz

07/09/2020

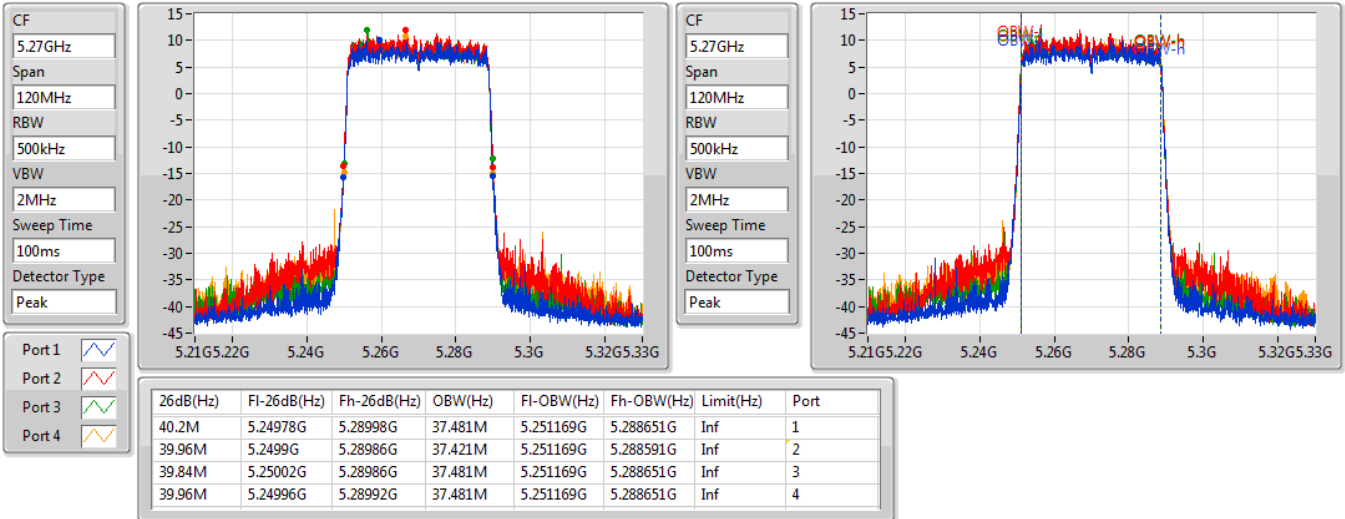

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5230MHz

07/09/2020

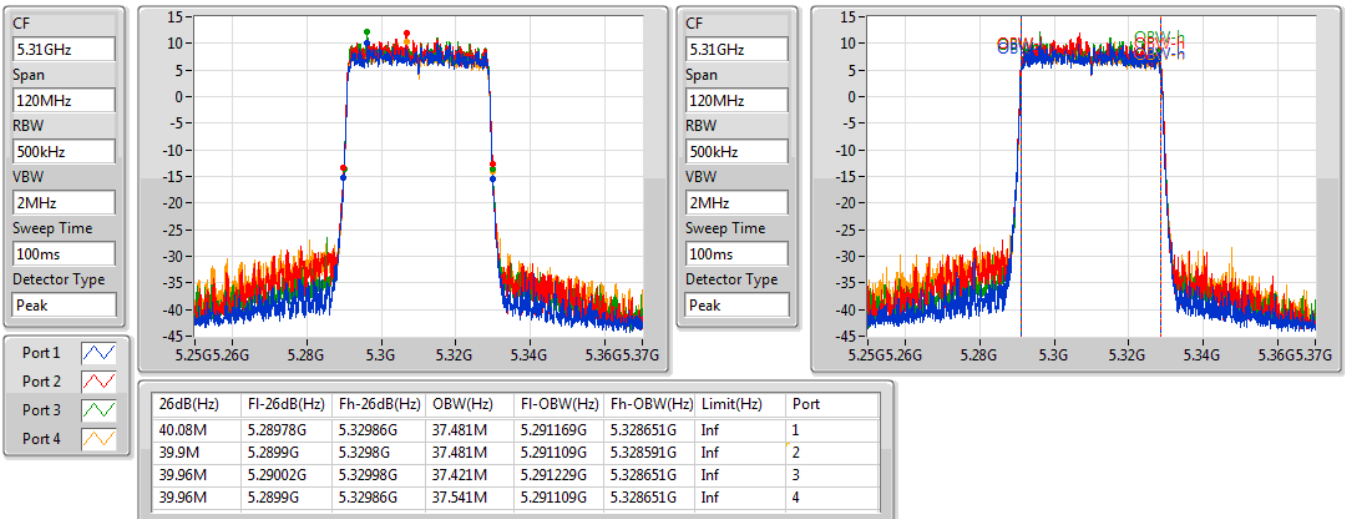


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5270MHz

07/09/2020


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5310MHz

07/09/2020

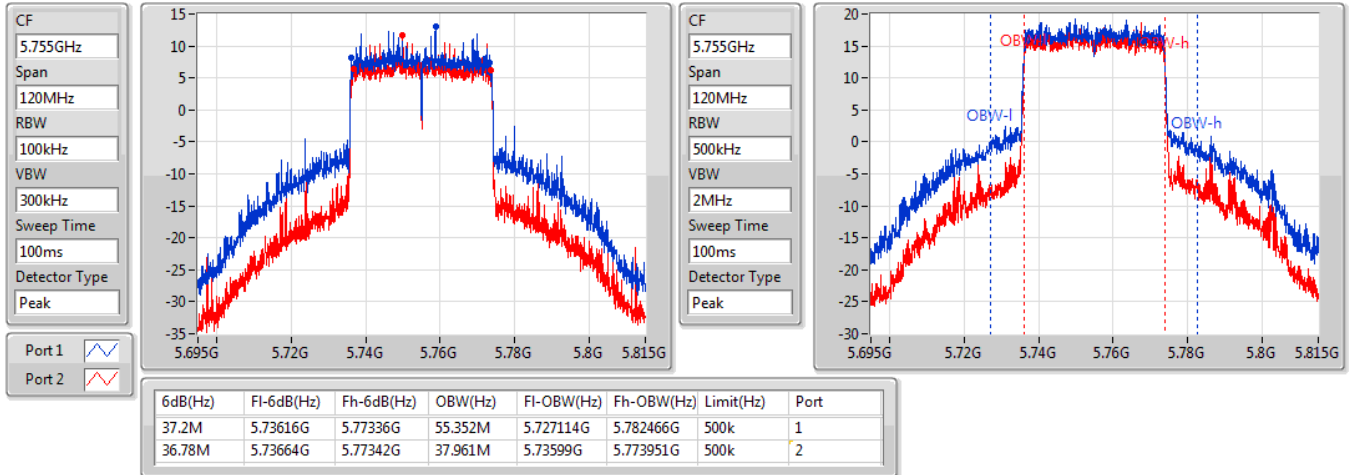


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5755MHz

04/08/2020

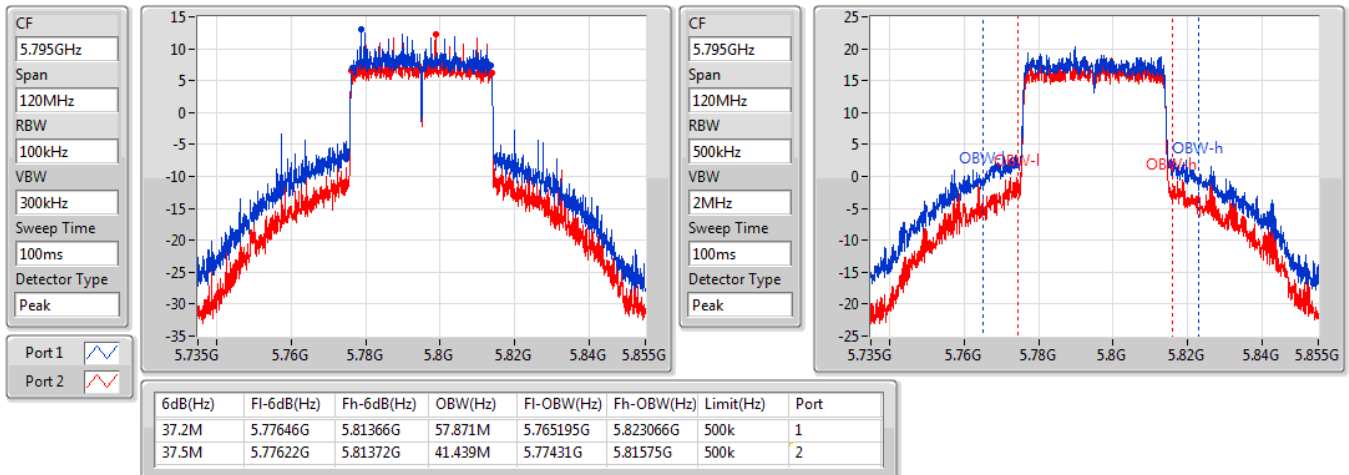


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

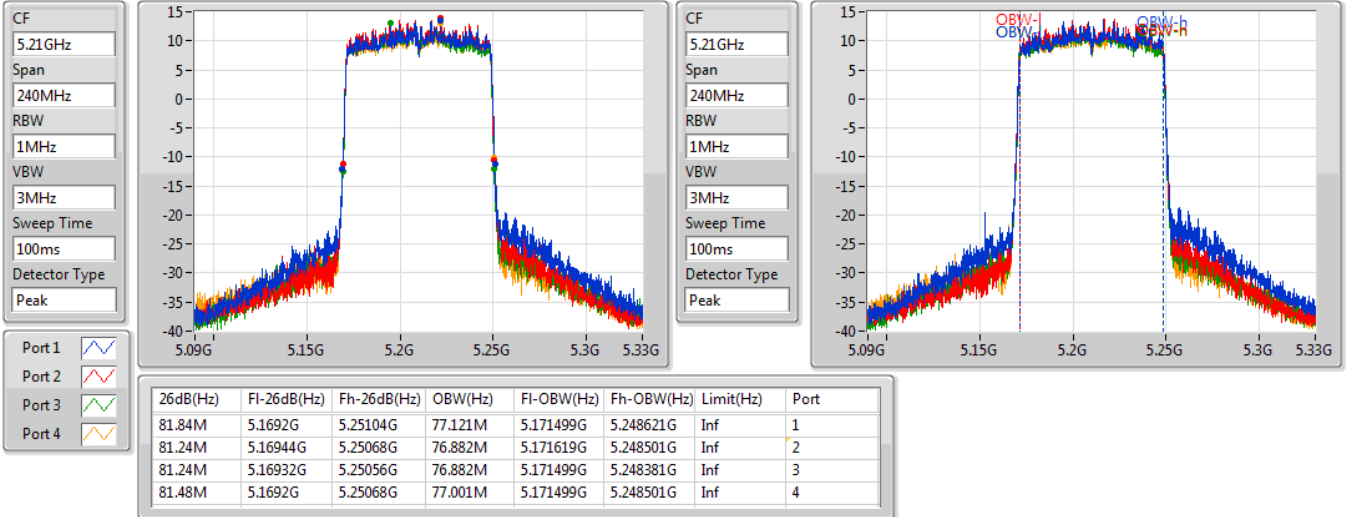
5795MHz

04/08/2020

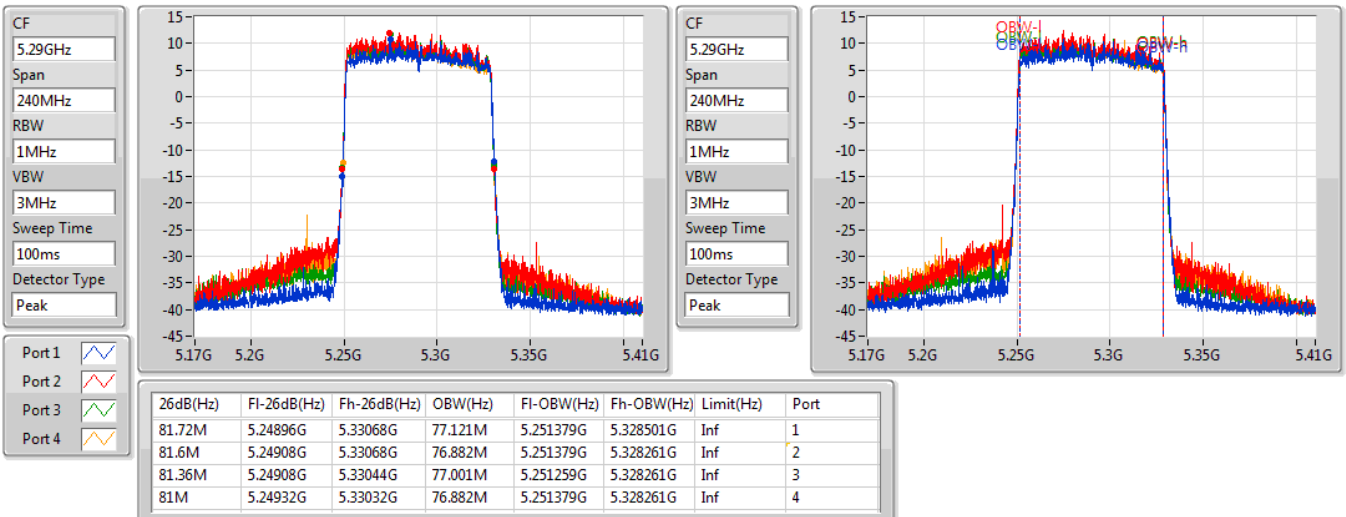


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5210MHz

07/09/2020

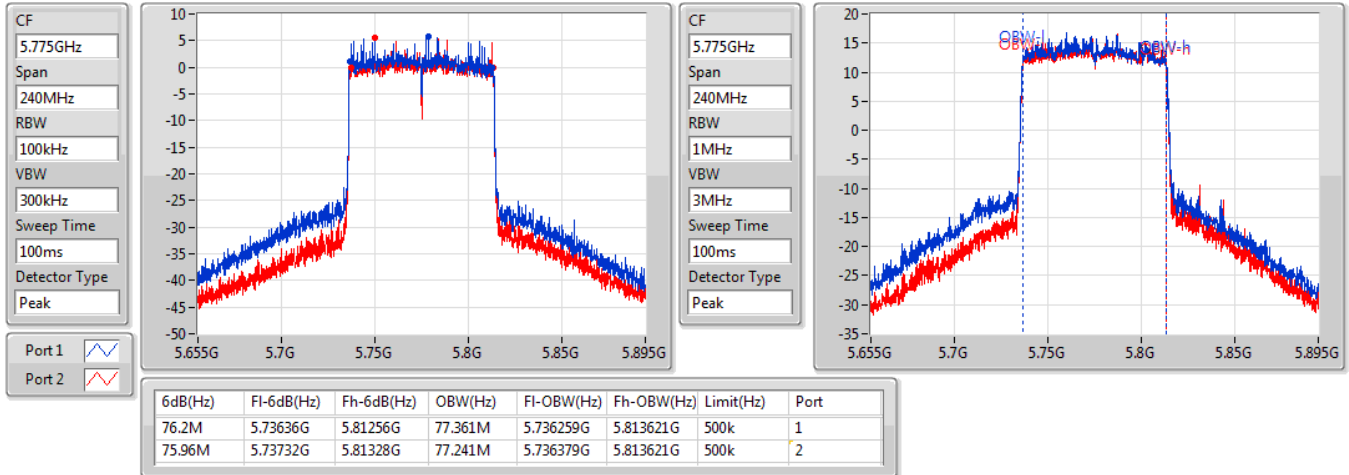

802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5290MHz

07/09/2020

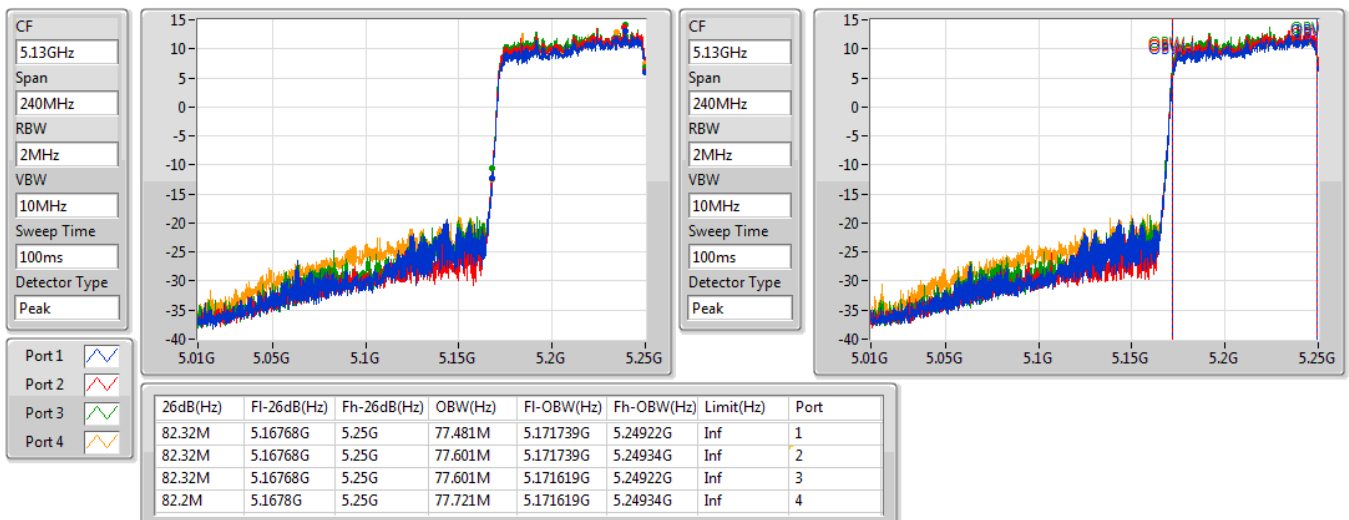


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5775MHz

04/08/2020


802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

07/09/2020

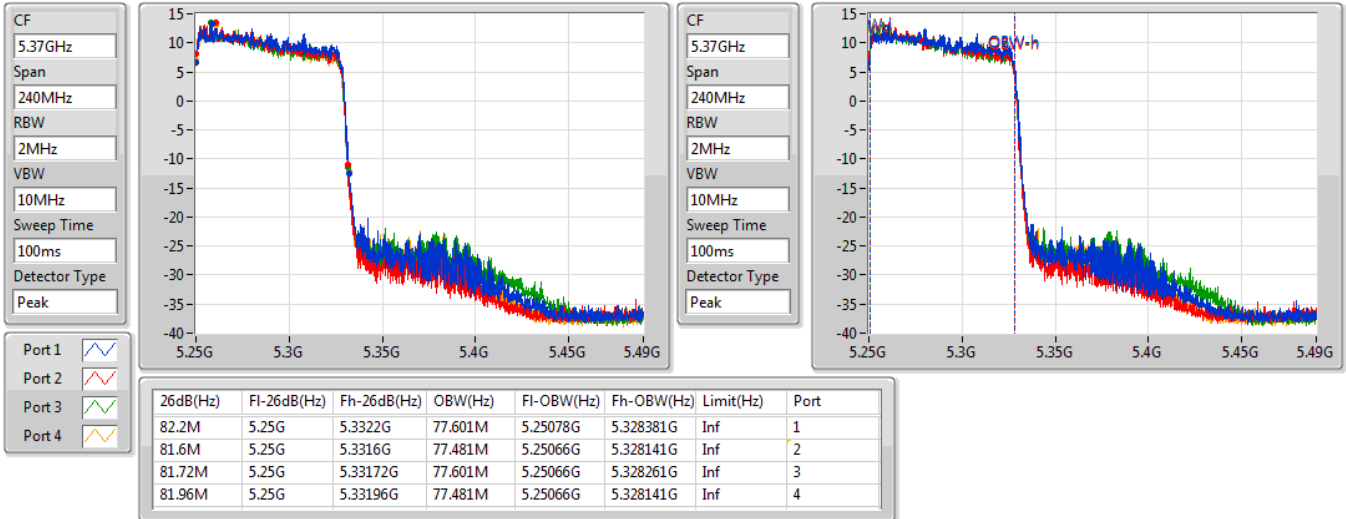


802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

07/09/2020



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.52	0.89536
802.11ax HEW20_Nss1,(MCS0)_4TX	29.78	0.95060
802.11ax HEW40_Nss1,(MCS0)_4TX	29.84	0.96383
802.11ax HEW80_Nss1,(MCS0)_4TX	25.67	0.36898
802.11ax HEW160_Nss1,(MCS0)_4TX	22.74	0.18793
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.32	0.21478
802.11ax HEW20_Nss1,(MCS0)_4TX	23.88	0.24434
802.11ax HEW40_Nss1,(MCS0)_4TX	23.95	0.24831
802.11ax HEW80_Nss1,(MCS0)_4TX	23.77	0.23823
802.11ax HEW160_Nss1,(MCS0)_4TX	22.10	0.16218
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	29.97	0.99312
802.11ax HEW20_Nss1,(MCS0)_2TX	29.96	0.99083
802.11ax HEW40_Nss1,(MCS0)_2TX	29.37	0.86497
802.11ax HEW80_Nss1,(MCS0)_2TX	25.45	0.35075

**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	0.98	21.58	22.32	22.34	21.72	28.02	30.00
5200MHz	Pass	0.98	22.98	23.91	23.60	23.41	29.51	30.00
5240MHz	Pass	0.98	22.71	23.96	23.65	23.57	29.52	30.00
5260MHz	Pass	0.98	16.48	17.67	17.38	17.05	23.19	23.98
5300MHz	Pass	0.98	16.63	17.56	17.47	16.88	23.17	23.98
5320MHz	Pass	0.98	16.76	17.71	17.91	16.69	23.32	23.98
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5745MHz	Pass	0.97	27.48	26.37			29.97	30.00
5785MHz	Pass	0.97	27.18	26.34			29.79	30.00
5825MHz	Pass	0.97	27.01	26.77			29.90	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	0.98	21.67	22.49	22.33	21.90	28.13	30.00
5200MHz	Pass	0.98	23.22	24.14	24.01	23.62	29.78	30.00
5240MHz	Pass	0.98	23.16	24.18	23.66	23.86	29.75	30.00
5260MHz	Pass	0.98	17.02	18.43	18.01	17.86	23.88	23.98
5300MHz	Pass	0.98	17.06	18.24	18.13	17.37	23.75	23.98
5320MHz	Pass	0.98	16.81	18.18	18.37	17.00	23.67	23.98
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5745MHz	Pass	0.97	27.23	26.39			29.84	30.00
5785MHz	Pass	0.97	27.26	26.51			29.91	30.00
5825MHz	Pass	0.97	27.03	26.87			29.96	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	0.98	19.61	20.36	20.21	19.92	26.06	30.00
5230MHz	Pass	0.98	23.15	24.33	24.09	23.62	29.84	30.00
5270MHz	Pass	0.98	17.26	18.46	18.00	17.93	23.95	23.98
5310MHz	Pass	0.98	17.15	18.47	18.00	17.32	23.79	23.98
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5755MHz	Pass	0.97	26.35	25.26			28.85	30.00
5795MHz	Pass	0.97	26.87	25.77			29.37	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	0.98	19.88	20.12	19.30	19.25	25.67	30.00
5290MHz	Pass	0.98	17.02	18.44	17.87	17.53	23.77	23.98
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5775MHz	Pass	0.97	22.64	22.22			25.45	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	0.98	16.15	16.82	17.28	16.57	22.74	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	0.98	16.17	16.20	15.85	16.07	22.10	23.98

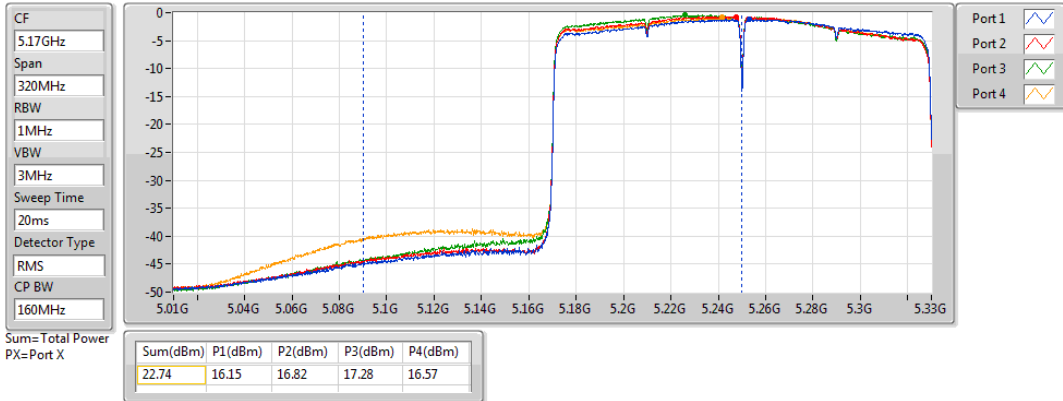
DG = Directional Gain; **Port X** = Port X output power

802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

07/09/2020

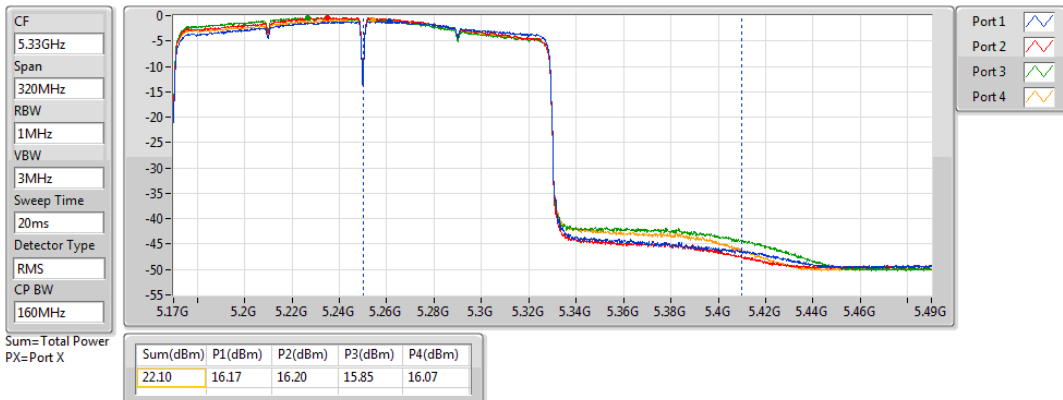


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

07/09/2020





Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.91	0.77804
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	28.81	0.76033
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	25.67	0.36898
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	22.74	0.18793
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.93	0.19634
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	22.89	0.19454
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.80	0.19055
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	22.10	0.16218
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	29.96	0.99083
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	29.37	0.86497
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	25.45	0.35075



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.99	21.67	22.49	22.33	21.9	28.13	29.01
5200MHz	Pass	6.99	22.38	23.37	22.88	22.64	28.85	29.01
5240MHz	Pass	6.99	22.05	23.38	22.97	23.04	28.91	29.01
5260MHz	Pass	6.99	16.14	17.43	17.16	16.80	22.93	22.99
5300MHz	Pass	6.99	16.28	17.18	17.31	16.53	22.87	22.99
5320MHz	Pass	6.99	16.38	17.27	17.36	16.33	22.88	22.99
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5745MHz	Pass	3.98	27.23	26.39			29.84	30.00
5785MHz	Pass	3.98	27.26	26.51			29.91	30.00
5825MHz	Pass	3.98	27.03	26.87			29.96	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.99	19.61	20.36	20.21	19.92	26.06	29.01
5230MHz	Pass	6.99	22.32	23.06	22.89	22.84	28.81	29.01
5270MHz	Pass	6.99	16.28	17.30	16.84	16.90	22.87	22.99
5310MHz	Pass	6.99	16.52	17.46	16.93	16.49	22.89	22.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5755MHz	Pass	3.98	26.35	25.26			28.85	30.00
5795MHz	Pass	3.98	26.87	25.77			29.37	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.99	19.88	20.12	19.3	19.25	25.67	29.01
5290MHz	Pass	6.99	16.12	17.57	16.72	16.56	22.80	22.99
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5775MHz	Pass	3.98	22.64	22.22			25.45	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.99	16.15	16.82	17.28	16.57	22.74	29.01
5250MHz Straddle 5.25-5.35GHz	Pass	6.99	16.17	16.2	15.85	16.07	22.10	22.99

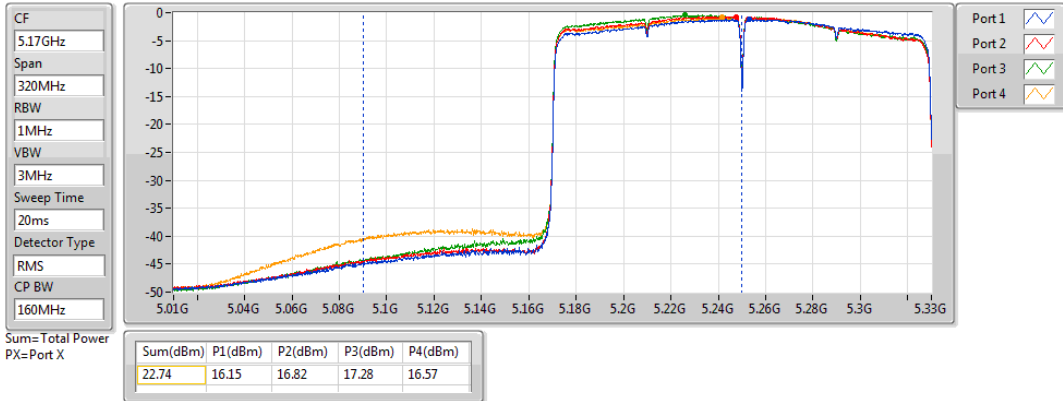
DG = Directional Gain; **Port X** = Port X output power

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

07/09/2020

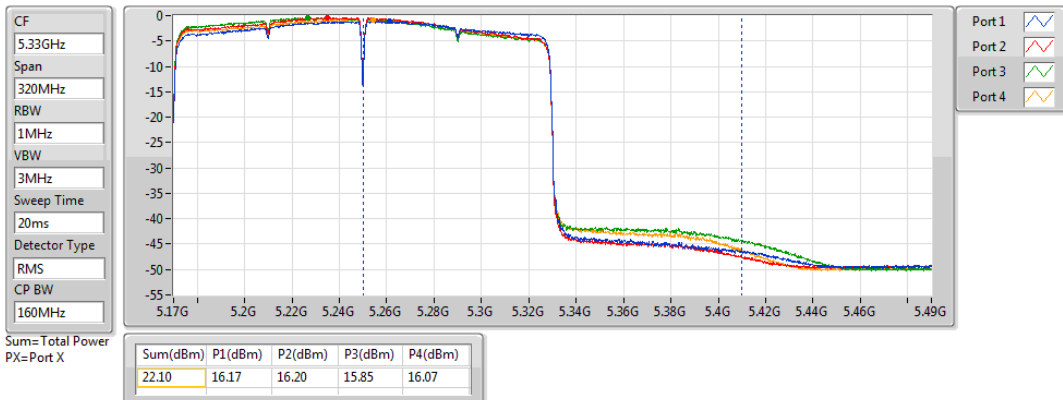


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

07/09/2020



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.94
802.11ax HEW20_Nss1,(MCS0)_4TX	15.94
802.11ax HEW40_Nss1,(MCS0)_4TX	13.13
802.11ax HEW80_Nss1,(MCS0)_4TX	6.23
802.11ax HEW160_Nss1,(MCS0)_4TX	3.60
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.96
802.11ax HEW20_Nss1,(MCS0)_4TX	9.99
802.11ax HEW40_Nss1,(MCS0)_4TX	7.32
802.11ax HEW80_Nss1,(MCS0)_4TX	4.51
802.11ax HEW160_Nss1,(MCS0)_4TX	3.63
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	15.69
802.11ax HEW20_Nss1,(MCS0)_2TX	15.01
802.11ax HEW40_Nss1,(MCS0)_2TX	11.57
802.11ax HEW80_Nss1,(MCS0)_2TX	4.90

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	6.99	8.33	9.06	9.20	8.41	14.69	16.01
5200MHz	Pass	6.99	9.43	10.52	10.18	9.78	15.94	16.01
5240MHz	Pass	6.99	9.27	10.40	10.03	10.12	15.93	16.01
5260MHz	Pass	6.99	2.93	4.52	4.08	3.89	9.89	10.01
5300MHz	Pass	6.99	3.04	4.50	4.14	3.61	9.82	10.01
5320MHz	Pass	6.99	3.29	4.48	4.55	3.55	9.96	10.01
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5745MHz	Pass	3.98	13.27	12.21			15.69	30.00
5785MHz	Pass	3.98	12.78	11.93			15.31	30.00
5825MHz	Pass	3.98	12.60	12.33			15.44	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.99	7.85	8.60	8.50	7.95	14.20	16.01
5200MHz	Pass	6.99	9.41	10.32	10.18	9.82	15.90	16.01
5240MHz	Pass	6.99	9.26	10.46	10.01	10.23	15.94	16.01
5260MHz	Pass	6.99	3.19	4.52	4.27	4.07	9.99	10.01
5300MHz	Pass	6.99	3.19	4.41	4.28	3.64	9.85	10.01
5320MHz	Pass	6.99	3.29	4.38	4.46	3.23	9.80	10.01
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5745MHz	Pass	3.98	12.25	11.62			14.92	30.00
5785MHz	Pass	3.98	12.38	11.48			14.90	30.00
5825MHz	Pass	3.98	12.18	11.94			15.01	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.99	3.27	3.91	3.57	3.29	9.47	16.01
5230MHz	Pass	6.99	6.46	7.61	7.50	7.14	13.13	16.01
5270MHz	Pass	6.99	0.63	2.03	1.39	1.29	7.32	10.01
5310MHz	Pass	6.99	0.81	1.92	1.42	0.98	7.21	10.01
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5755MHz	Pass	3.98	8.54	7.62			11.06	30.00
5795MHz	Pass	3.98	9.14	8.08			11.57	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.99	0.48	0.77	0.05	-0.19	6.23	16.01
5290MHz	Pass	6.99	-2.34	-0.74	-1.36	-1.38	4.51	10.01
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5775MHz	Pass	3.98	2.21	1.68			4.90	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.99	-2.80	-2.23	-1.97	-2.51	3.60	16.01
5250MHz Straddle 5.25-5.35GHz	Pass	6.99	-2.67	-2.08	-2.17	-2.31	3.63	10.01

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

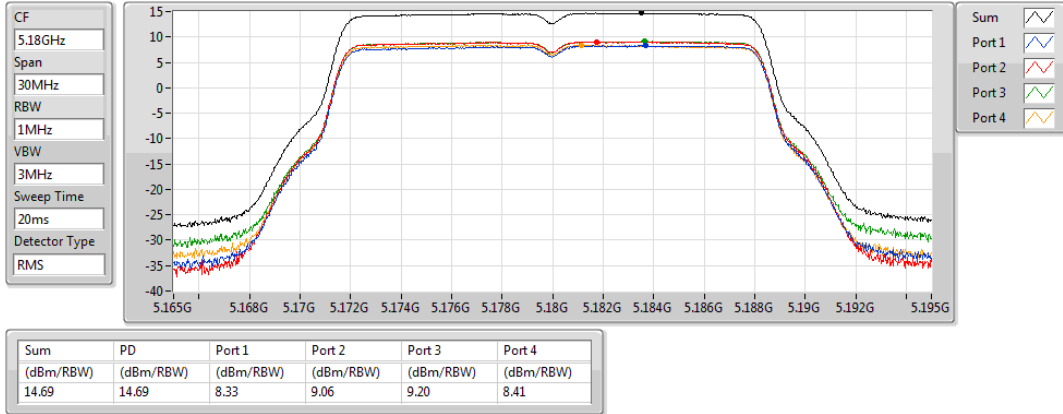
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

5180MHz

PSD

07/09/2020

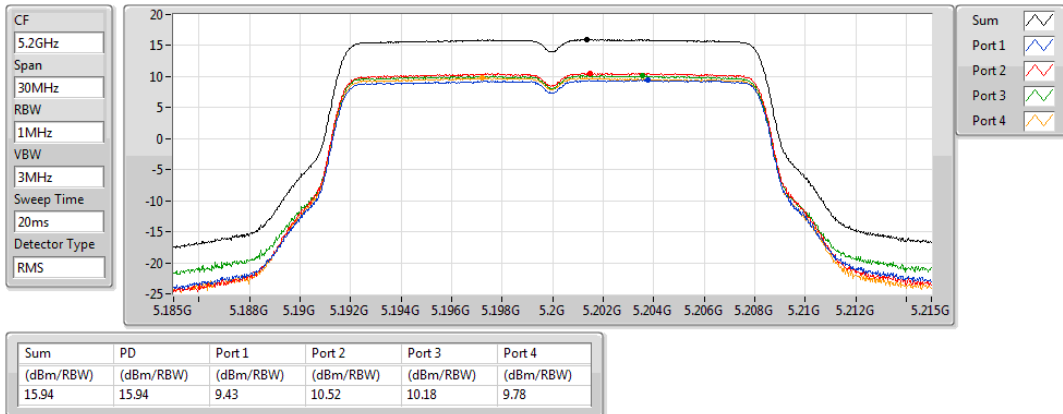


802.11a_Nss1,(6Mbps)_4TX

5200MHz

PSD

07/09/2020

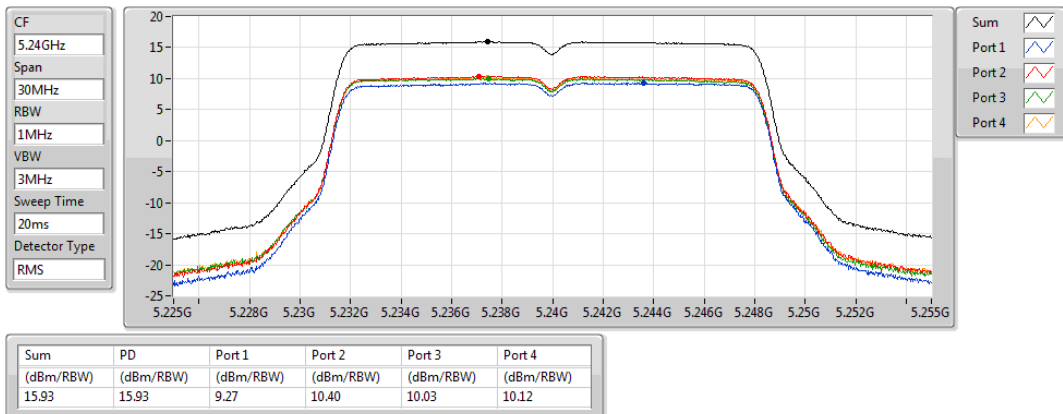


802.11a_Nss1,(6Mbps)_4TX

5240MHz

PSD

07/09/2020

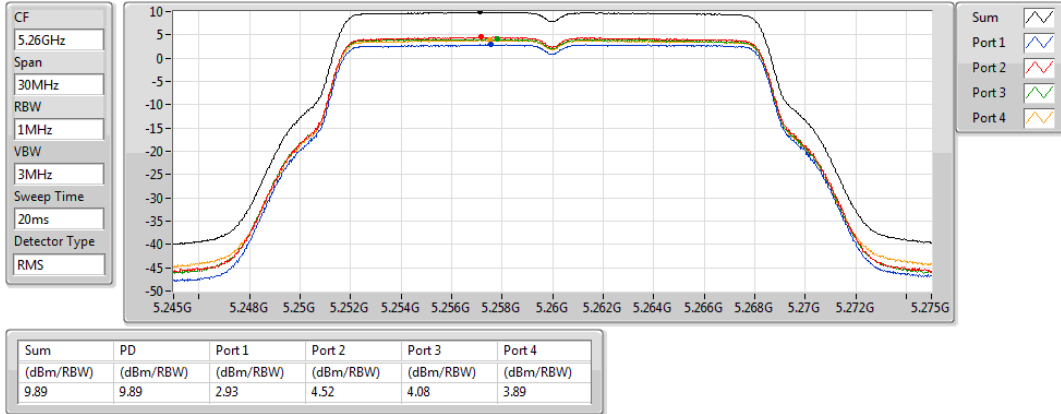


802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

07/09/2020

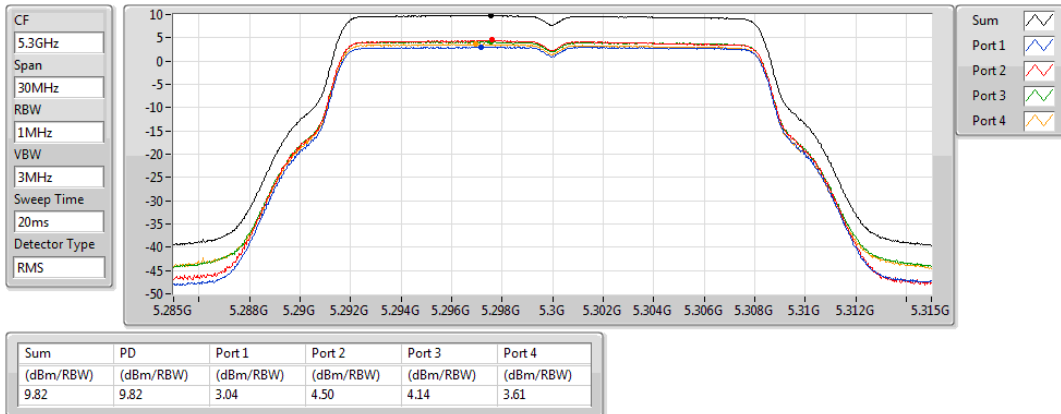


802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

07/09/2020

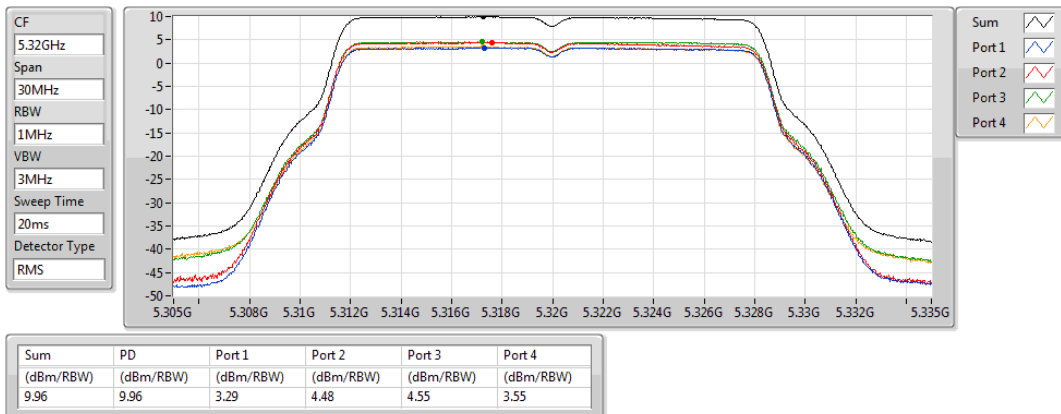


802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

07/09/2020

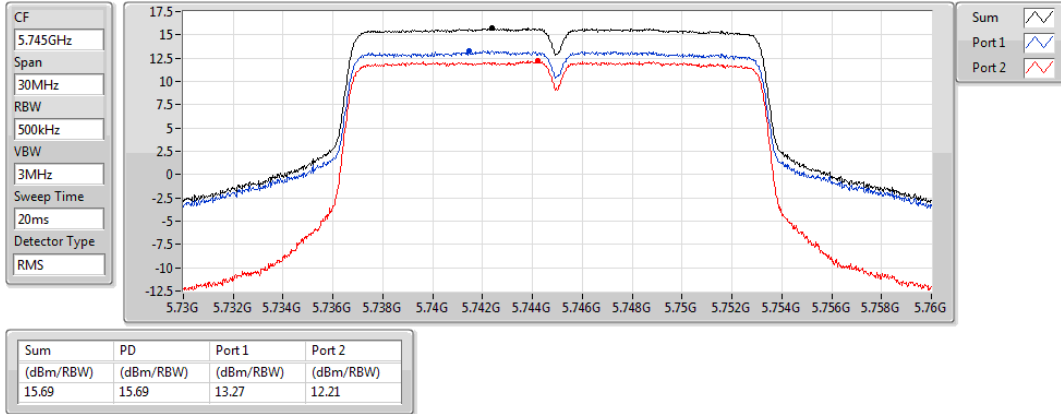


802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

04/08/2020

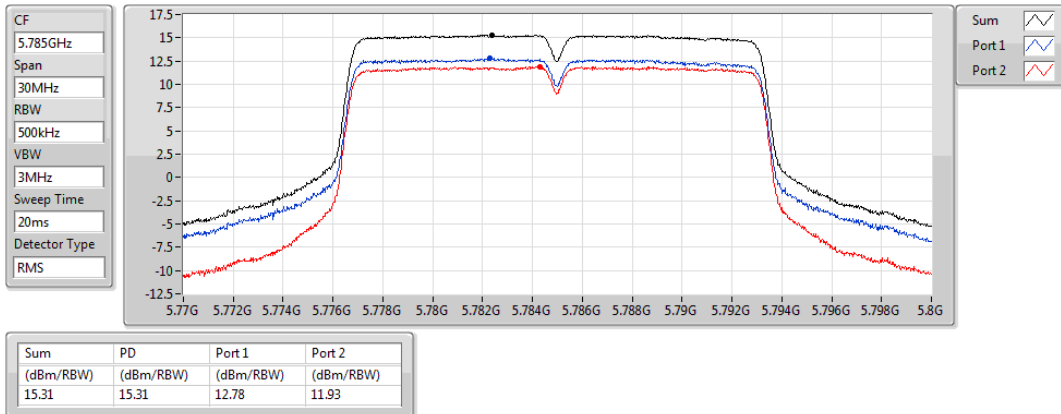


802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

04/08/2020

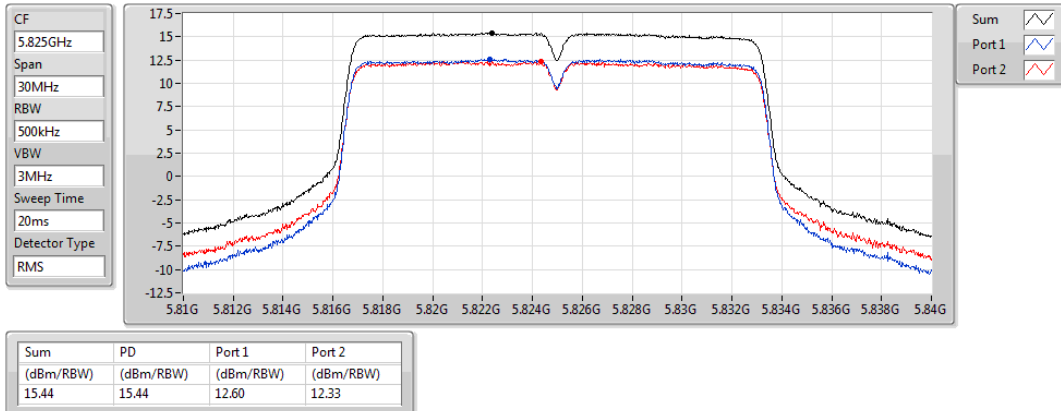


802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

04/08/2020

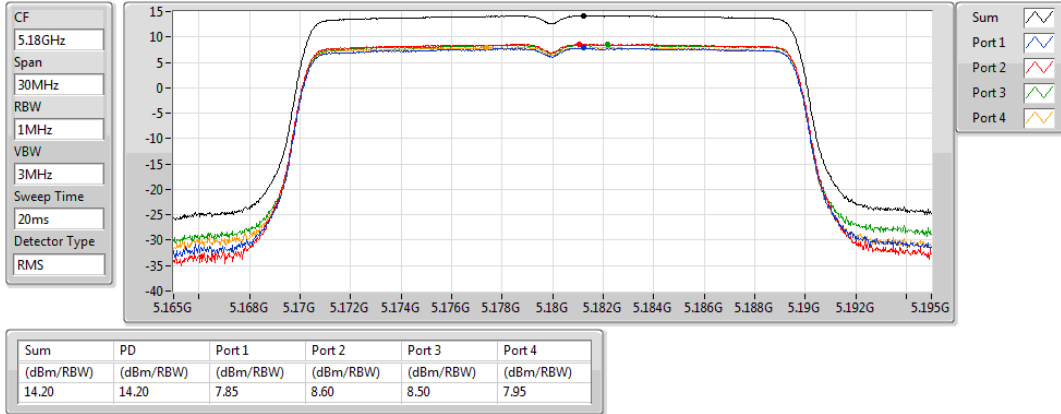


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5180MHz

07/09/2020

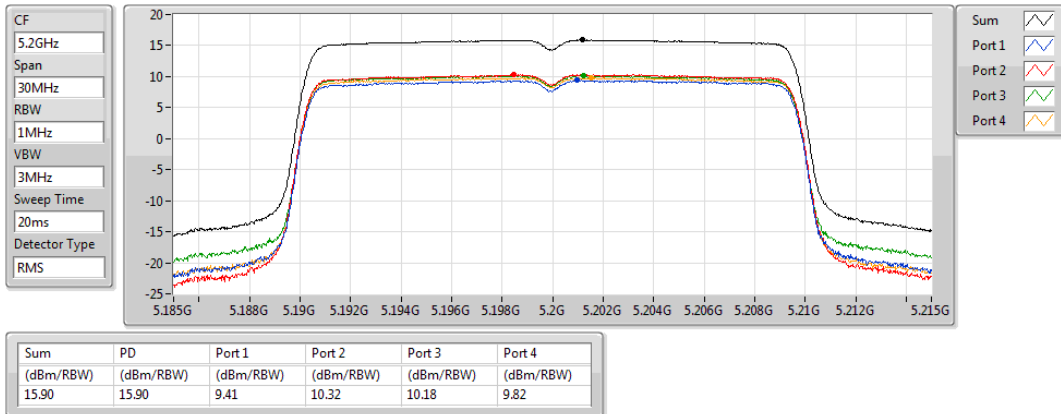


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5200MHz

07/09/2020

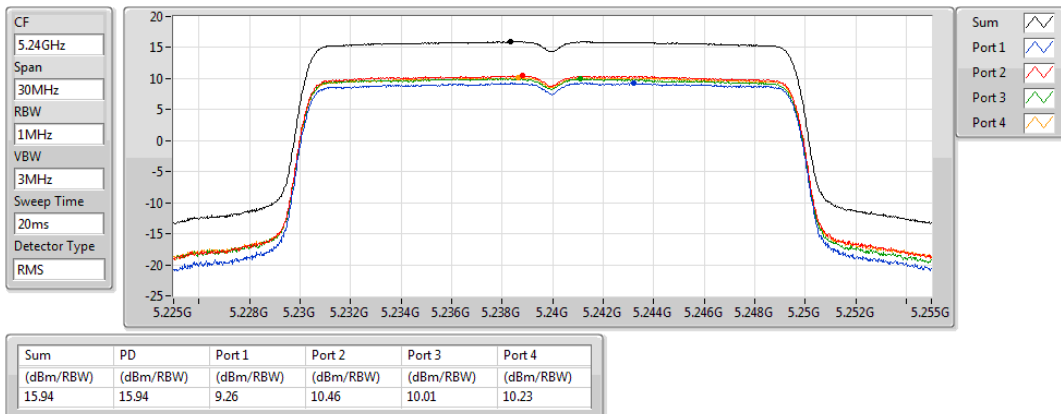


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5240MHz

07/09/2020

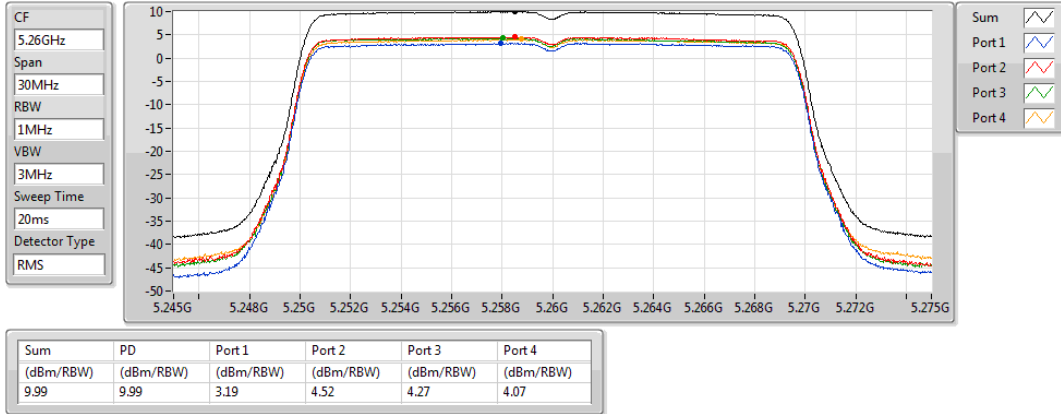


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

07/09/2020

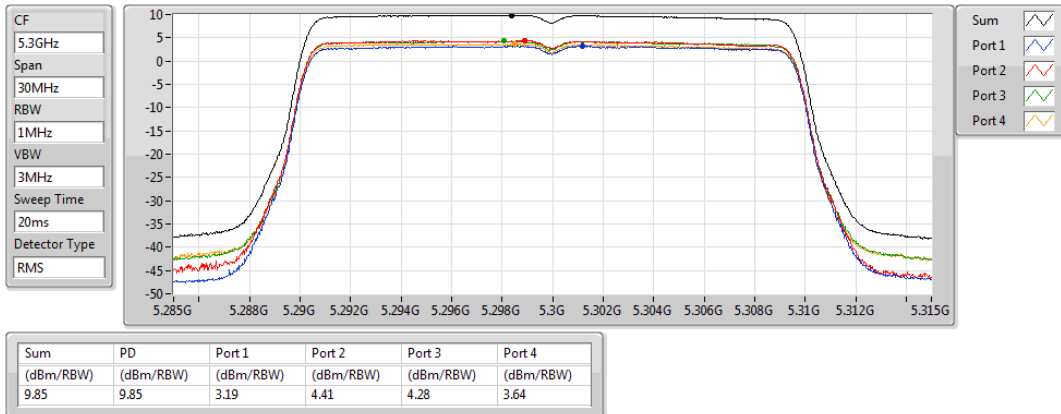


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

07/09/2020

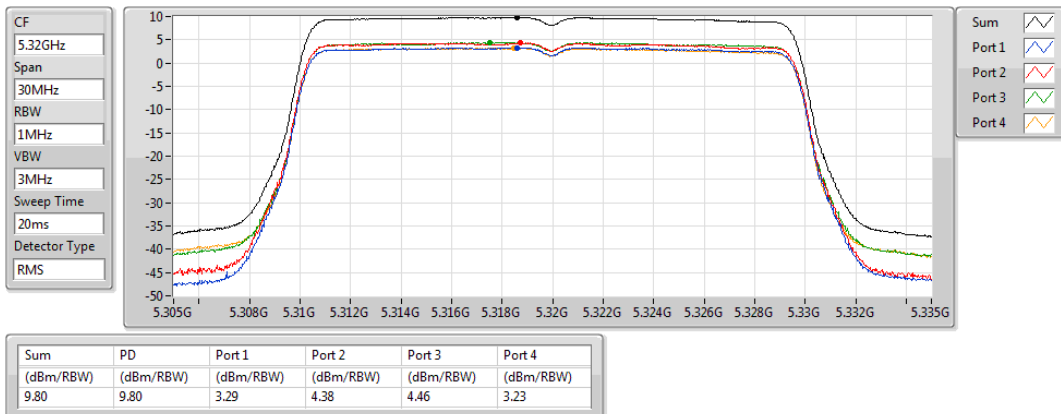


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

07/09/2020

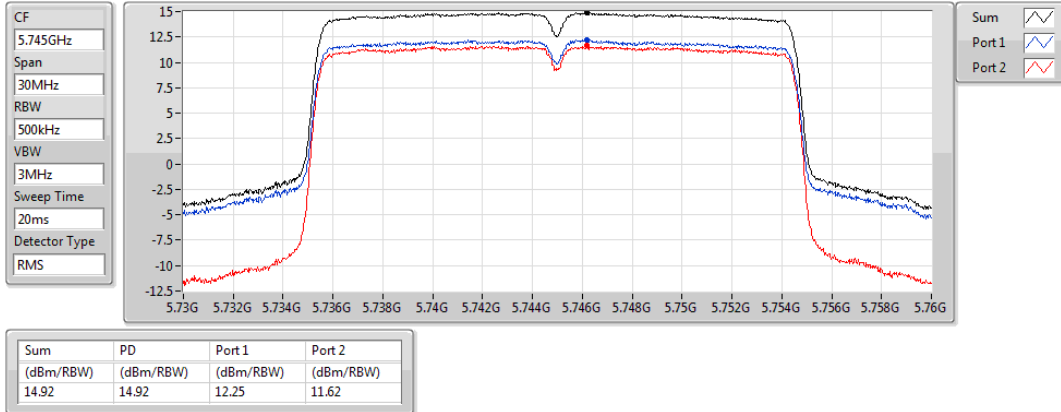


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5745MHz

04/08/2020

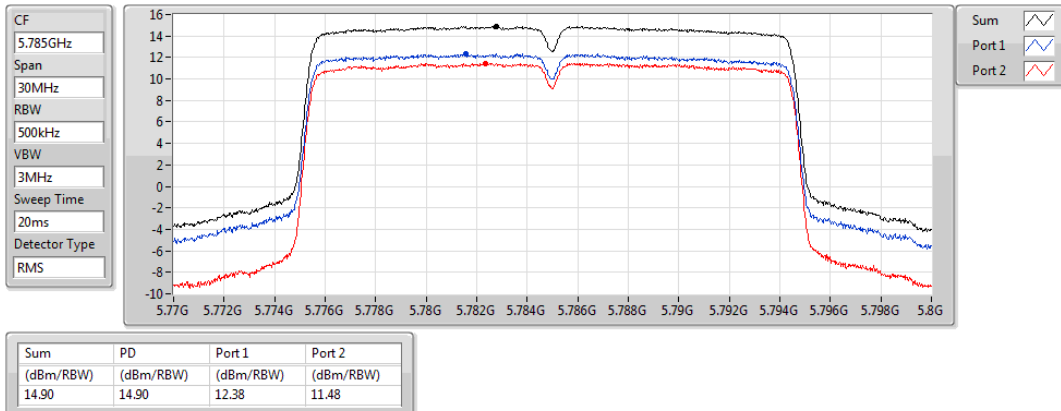


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

04/08/2020

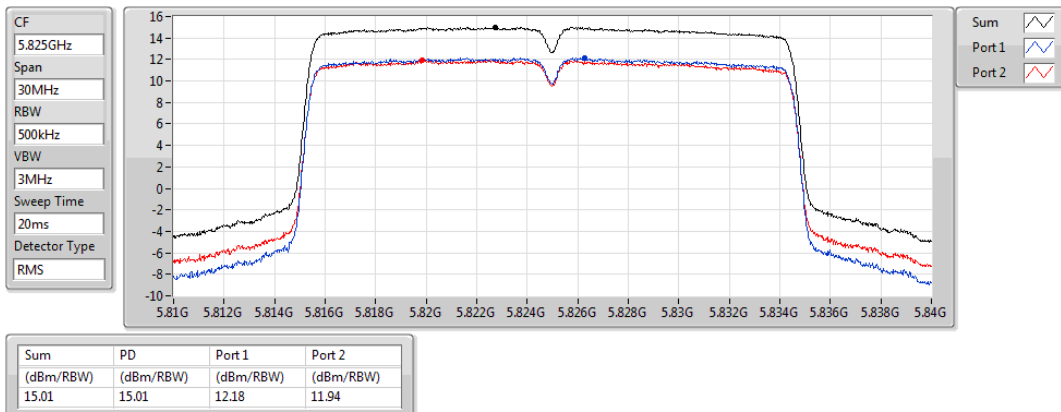


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

04/08/2020

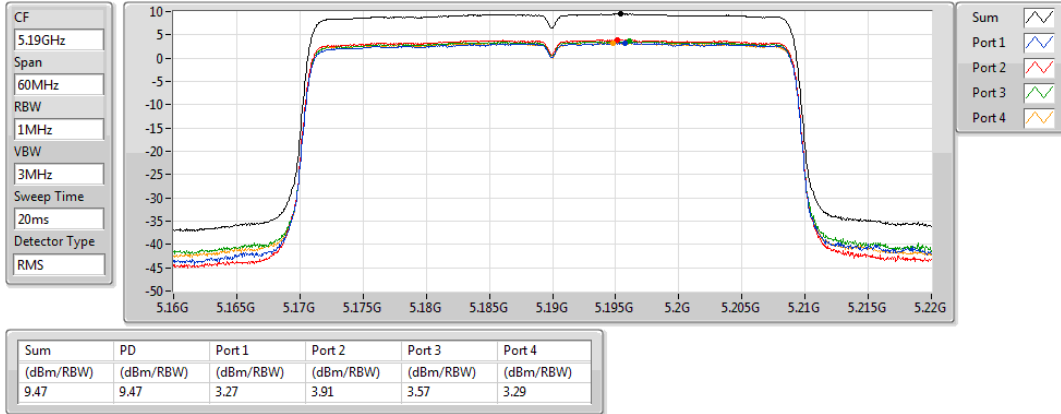


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5190MHz

07/09/2020

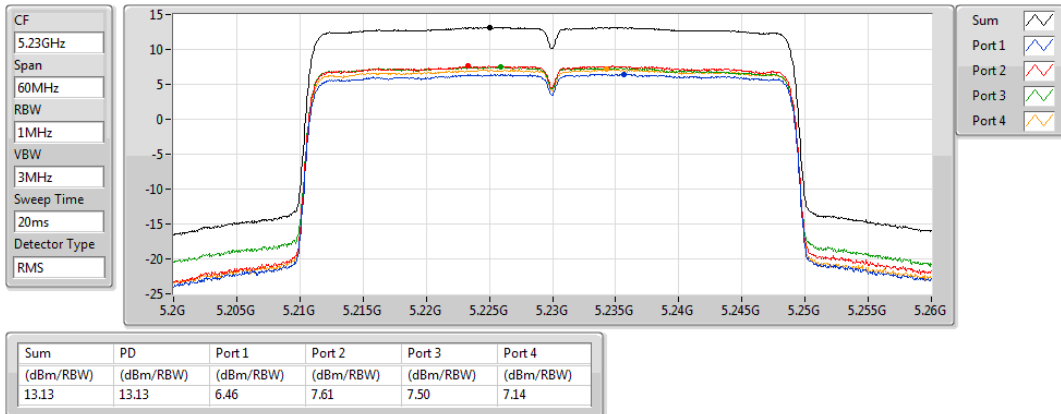


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5230MHz

07/09/2020

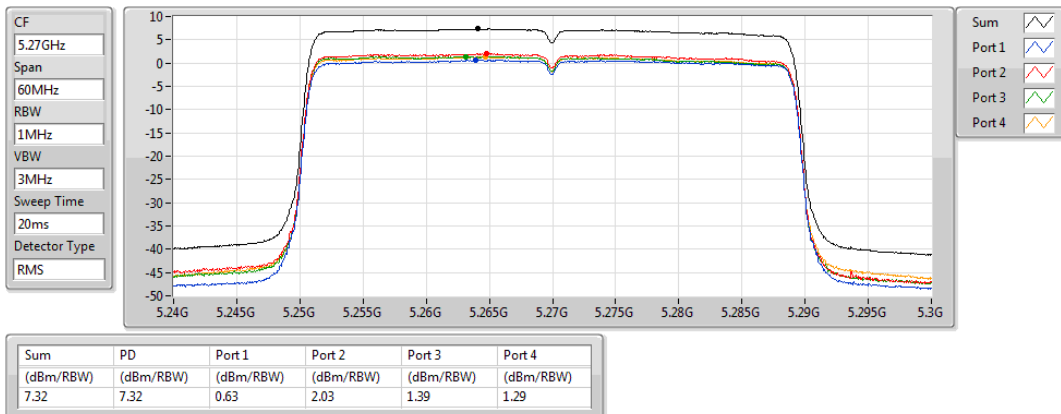


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

07/09/2020

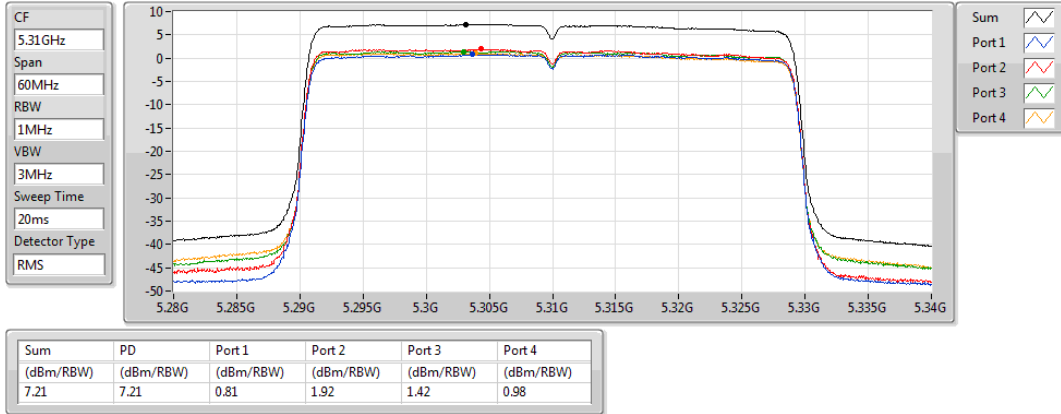


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

07/09/2020

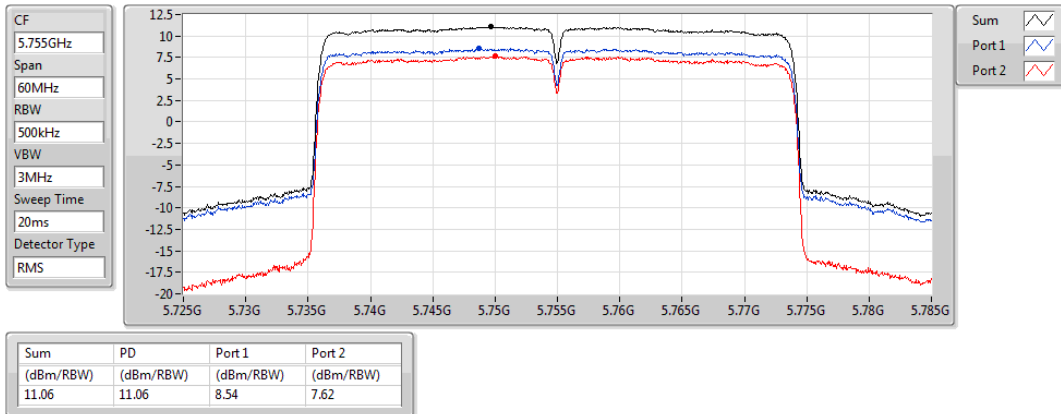


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5755MHz

04/08/2020

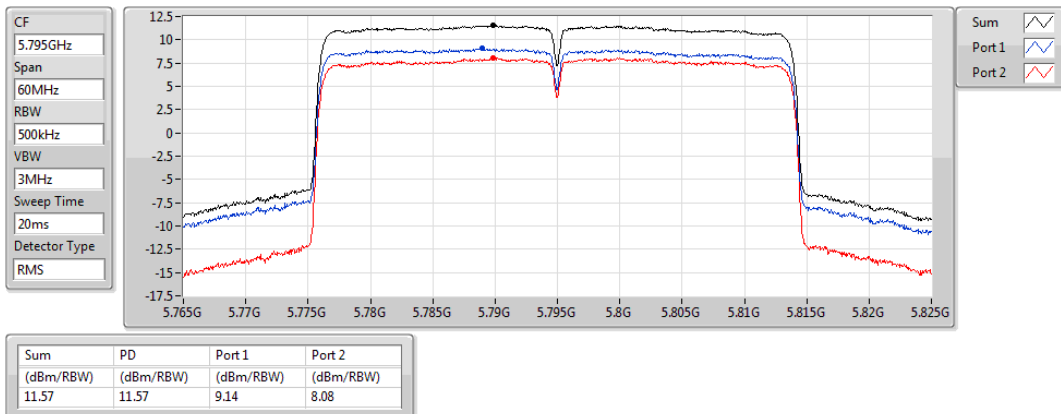


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5795MHz

04/08/2020

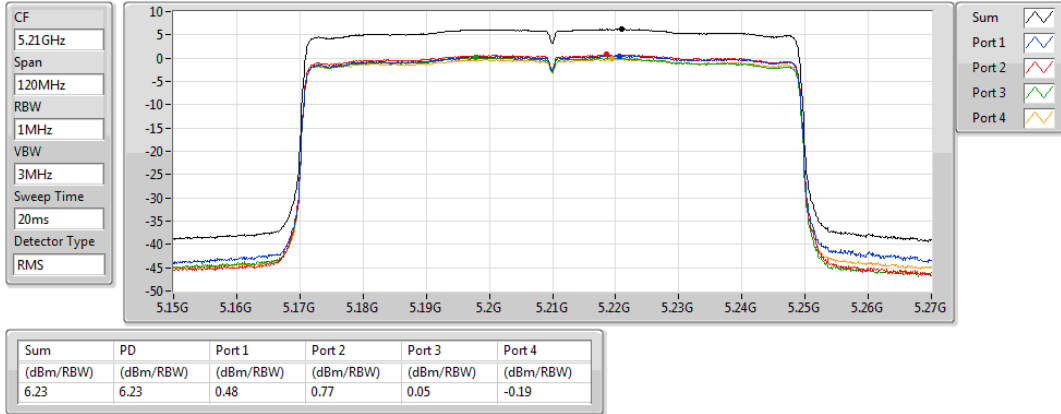


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5210MHz

07/09/2020

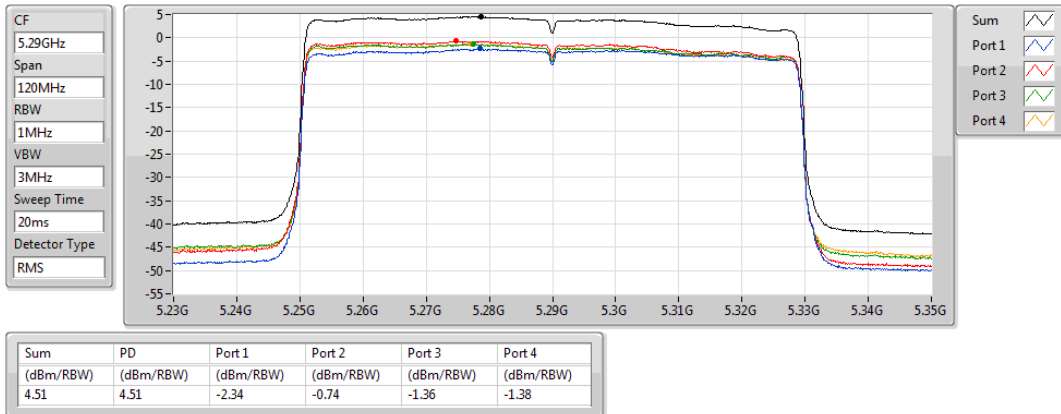


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

07/09/2020

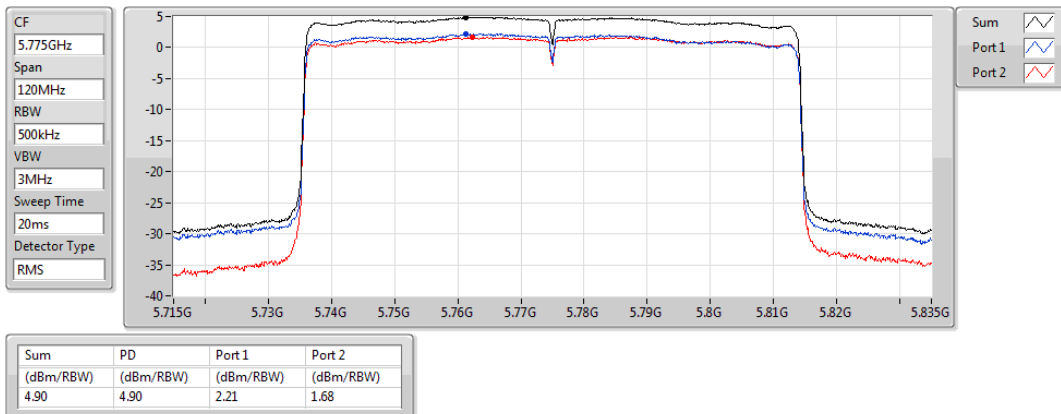


802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

04/08/2020

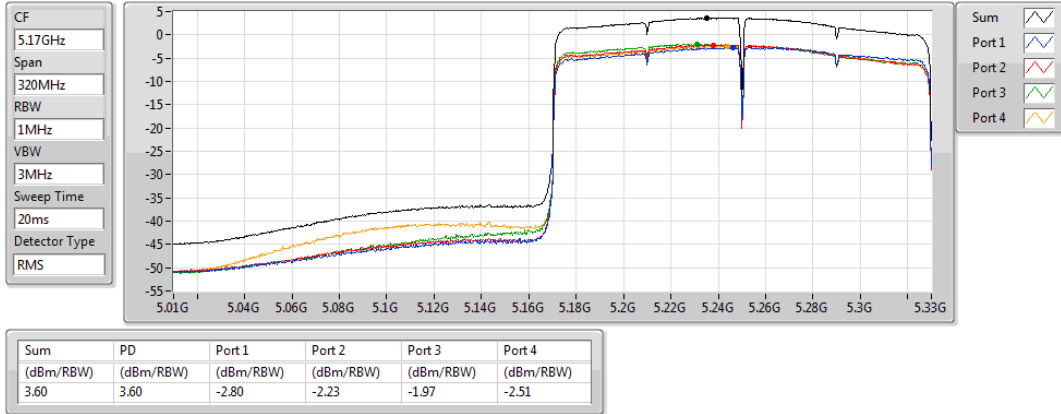


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

07/09/2020

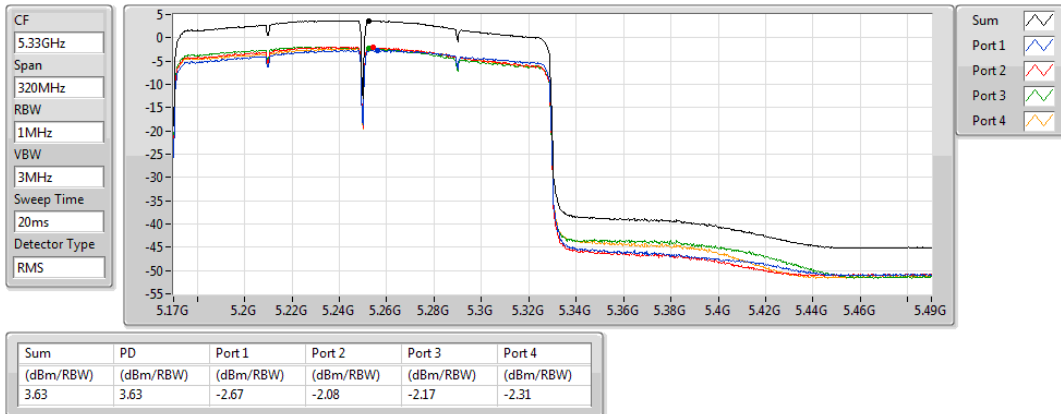


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

07/09/2020



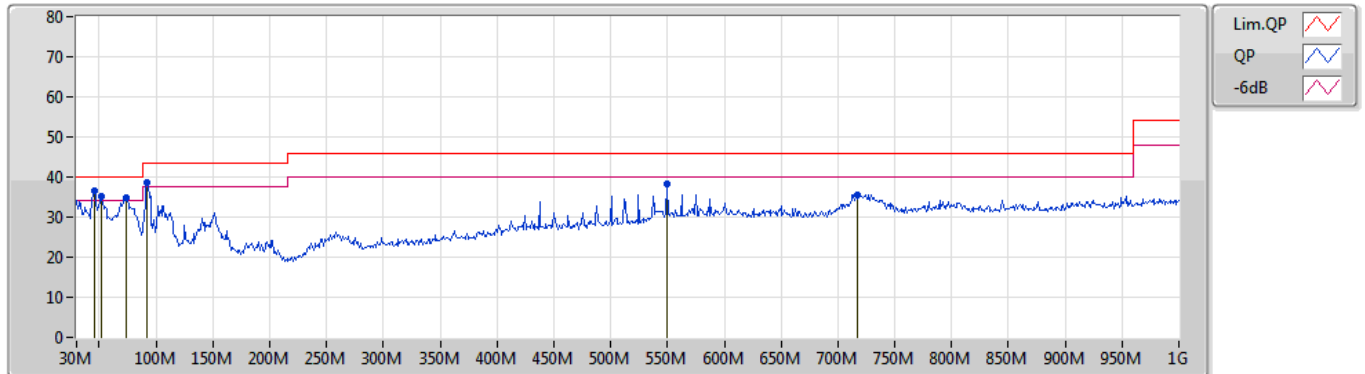


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	45.52M	36.47	40.00	-3.53	Vertical

Mode 1

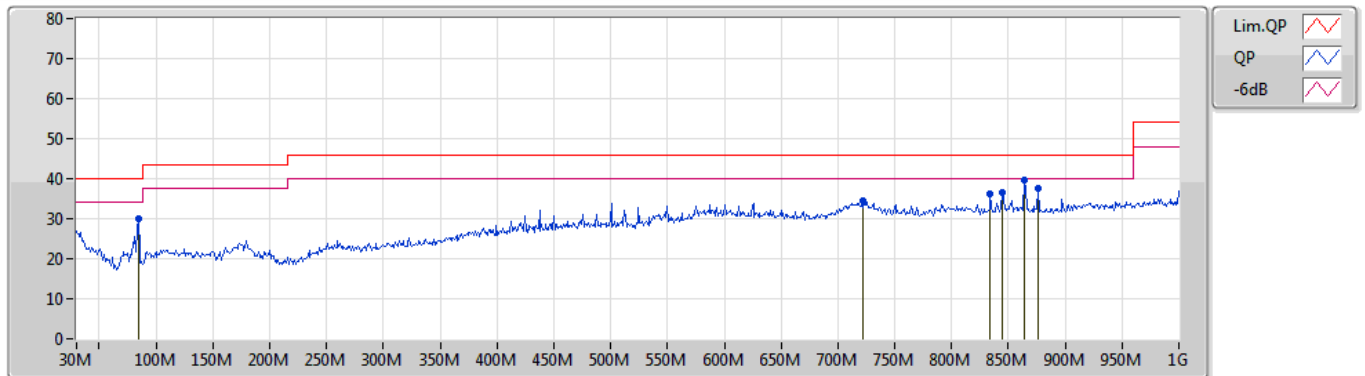
16/09/2020



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	45.52M	36.47	40.00	-3.53	-16.39	3	Vertical	351	1.00	"Worst"	52.86	15.52	0.81	32.72
PK	51.34M	35.03	40.00	-4.97	-18.45	3	Vertical	87	1.00	-	53.48	13.36	0.90	32.71
PK	73.65M	34.88	40.00	-5.12	-19.47	3	Vertical	193	1.50	-	54.35	12.11	1.00	32.58
PK	92.08M	38.53	43.50	-4.97	-16.26	3	Vertical	96	1.50	-	54.79	15.18	1.10	32.54
PK	549.92M	38.15	46.00	-7.85	-5.23	3	Vertical	28	1.25	-	43.38	24.60	2.70	32.53
PK	717.73M	35.63	46.00	-10.37	-3.65	3	Vertical	324	1.00	-	39.28	25.59	3.24	32.48

Mode 1

16/09/2020



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	84.32M	29.99	40.00	-10.01	-18.02	3	Horizontal	131	3.00	-	48.01	13.52	1.09	32.63
PK	721.61M	34.36	46.00	-11.64	-3.61	3	Horizontal	272	1.25	-	37.97	25.61	3.24	32.46
PK	834.13M	36.09	46.00	-9.91	-2.26	3	Horizontal	114	1.25	-	38.35	26.32	3.44	32.02
PK	844.8M	36.38	46.00	-9.62	-2.15	3	Horizontal	103	1.50	-	38.53	26.31	3.48	31.94
PK	864.2M	39.66	46.00	-6.34	-2.08	3	Horizontal	72	1.25	"Worst"	41.74	26.29	3.53	31.90
PK	875.84M	37.68	46.00	-8.32	-1.96	3	Horizontal	19	3.00	-	39.64	26.38	3.55	31.89

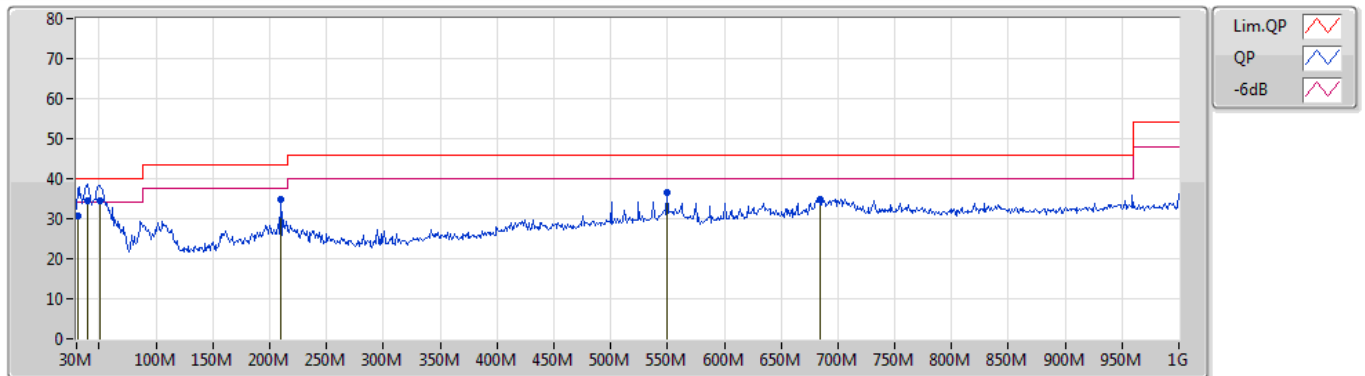


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	PK	85.29M	36.40	40.00	-3.60	Horizontal

Mode 2

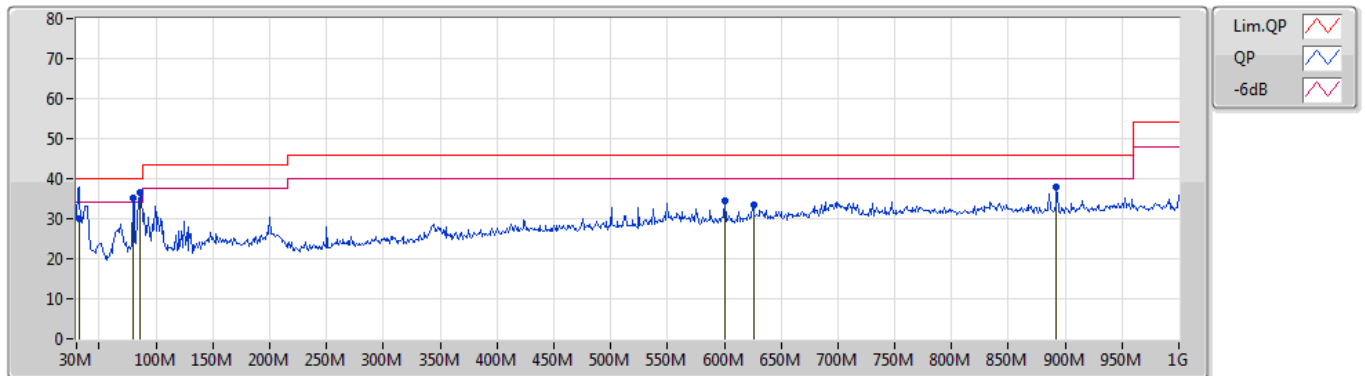
23/09/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	30.97M	30.74	40.00	-9.26	-3.96	3	Vertical	360	1.25	-	34.70	23.78	0.70	28.44
QP	39.7M	34.38	40.00	-5.62	-8.42	3	Vertical	360	1.50	"Worst"	42.80	19.42	0.70	28.54
QP	50.37M	34.34	40.00	-5.66	-13.66	3	Vertical	356	1.00	-	48.00	14.20	0.81	28.67
PK	209.45M	34.93	43.50	-8.57	-11.08	3	Vertical	204	1.00	-	46.01	15.12	1.84	28.04
PK	549.92M	36.49	46.00	-9.51	-1.05	3	Vertical	107	1.25	-	37.54	25.13	3.10	29.28
PK	683.78M	34.94	46.00	-11.06	-0.67	3	Vertical	257	1.00	-	35.61	25.30	3.37	29.34

Mode 2

23/09/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	31.94M	30.09	40.00	-9.91	-4.31	3	Horizontal	12	1.50	-	34.40	23.43	0.70	28.44
PK	79.47M	35.19	40.00	-4.81	-14.48	3	Horizontal	259	1.25	-	49.67	13.06	1.10	28.64
PK	85.29M	36.40	40.00	-3.60	-13.57	3	Horizontal	283	1.50	"Worst"	49.97	13.82	1.20	28.59
PK	600.36M	34.34	46.00	-11.66	-1.39	3	Horizontal	192	1.50	-	35.73	24.86	3.20	29.45
PK	625.58M	33.57	46.00	-12.43	-0.84	3	Horizontal	313	1.25	-	34.41	25.37	3.25	29.46
PK	892.33M	37.92	46.00	-8.08	1.51	3	Horizontal	9	3.00	-	36.41	26.43	3.88	28.80

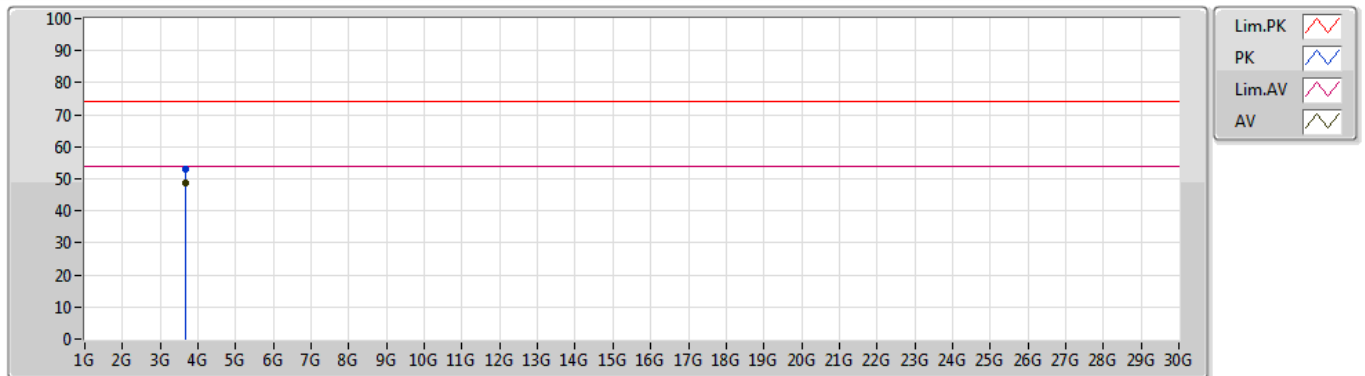


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	3.663G	48.92	54.00	-5.08	Horizontal

Mode 1

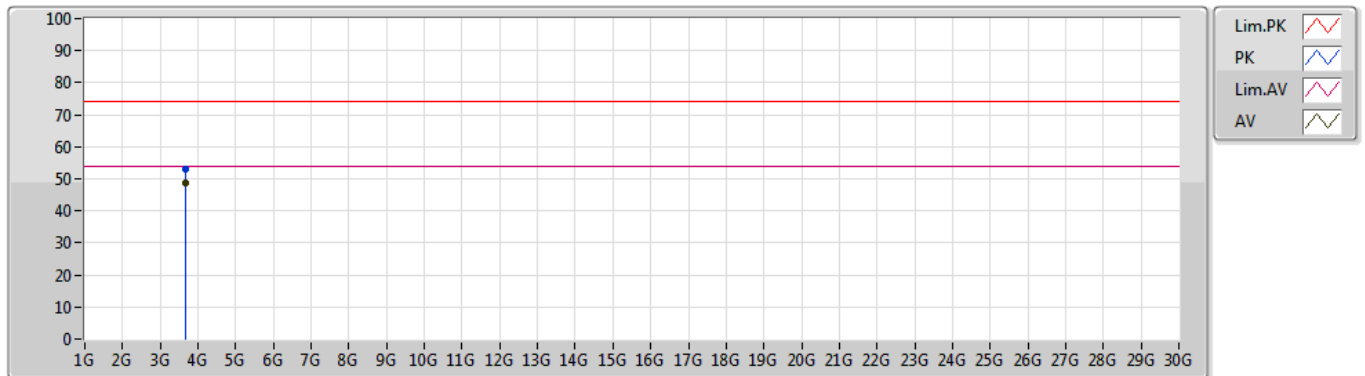
16/09/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	3.66311G	52.92	74.00	-21.08	1.29	3	Vertical	210	1.03	-	51.63	30.83	4.12	33.66
AV	3.66297G	48.63	54.00	-5.37	1.29	3	Vertical	212	1.03	"Worst"	47.34	30.83	4.12	33.66

Mode 1

16/09/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	3.6631G	52.92	74.00	-21.08	1.29	3	Horizontal	355	1.88	-	51.63	30.83	4.12	33.66
AV	3.663G	48.92	54.00	-5.08	1.29	3	Horizontal	354	1.88	"Worst"	47.63	30.83	4.12	33.66



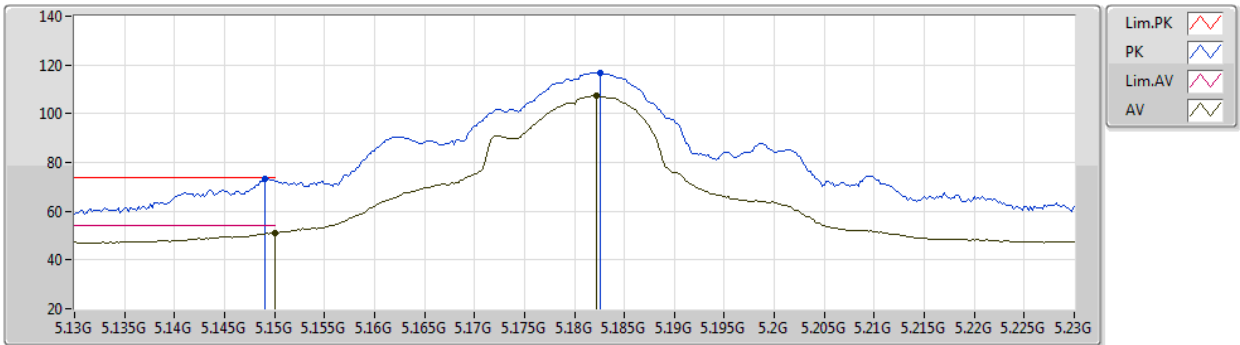
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1.(MCS0)_2TX	Pass	PK	5.65G	68.17	68.20	-0.03	3	Vertical	259	1.56	-

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5180MHz_TX



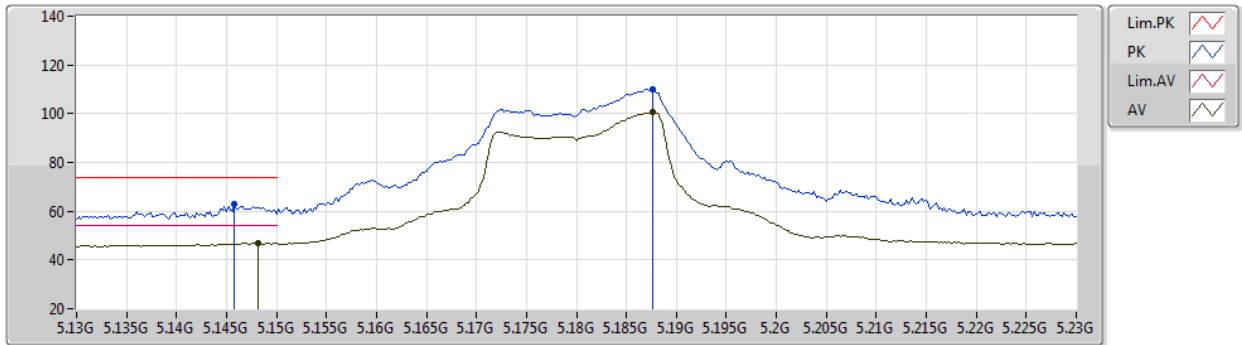
EUT Y_4TX
Setting 83
03-C-O-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.149G	73.33	74.00	-0.67	68.01	3	Vertical	181	1.78	-	33.90	6.75	35.33
AV	5.15G	51.16	54.00	-2.84	45.84	3	Vertical	181	1.78	-	33.90	6.75	35.33
PK	5.1826G	116.83	Inf	-Inf	111.44	3	Vertical	181	1.78	-	33.90	6.78	35.29
AV	5.1822G	107.28	Inf	-Inf	101.89	3	Vertical	181	1.78	-	33.90	6.78	35.29

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5180MHz_TX



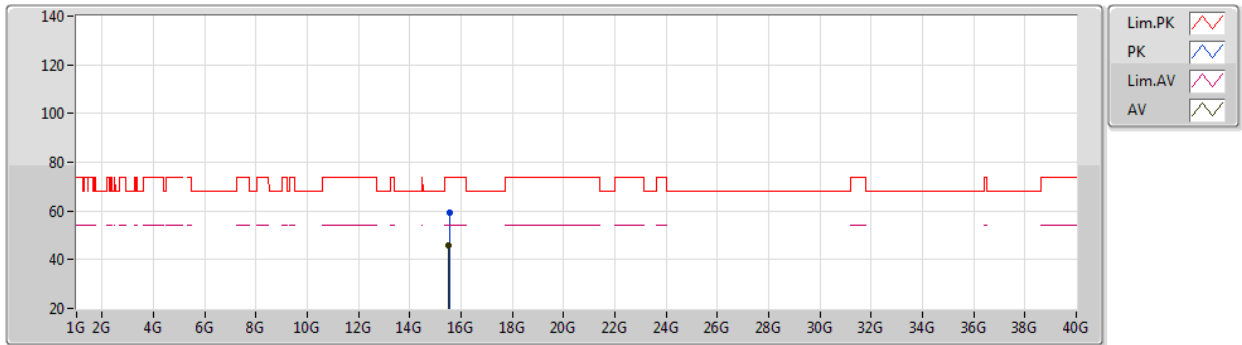
EUT Y_4TX
Setting 83
03-C-O-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1458G	63.18	74.00	-10.82	57.86	3	Horizontal	292	1.80	-	33.90	6.75	35.33
AV	5.1482G	46.80	54.00	-7.20	41.48	3	Horizontal	292	1.80	-	33.90	6.75	35.33
PK	5.1876G	109.76	Inf	-Inf	104.36	3	Horizontal	292	1.80	-	33.90	6.79	35.29
AV	5.1876G	100.54	Inf	-Inf	95.14	3	Horizontal	292	1.80	-	33.90	6.79	35.29

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5180MHz_TX



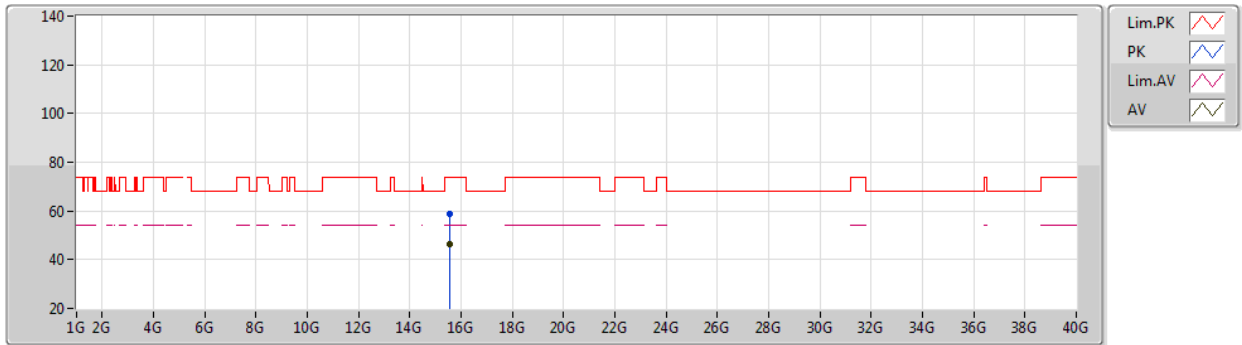
EUT Y_4TX
Setting 83
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.54636G	59.31	74.00	-14.69	45.13	3	Vertical	10	2.38	-	38.01	11.20	35.03
AV	15.53128G	46.12	54.00	-7.88	31.91	3	Vertical	10	2.38	-	38.04	11.19	35.02

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5180MHz_TX



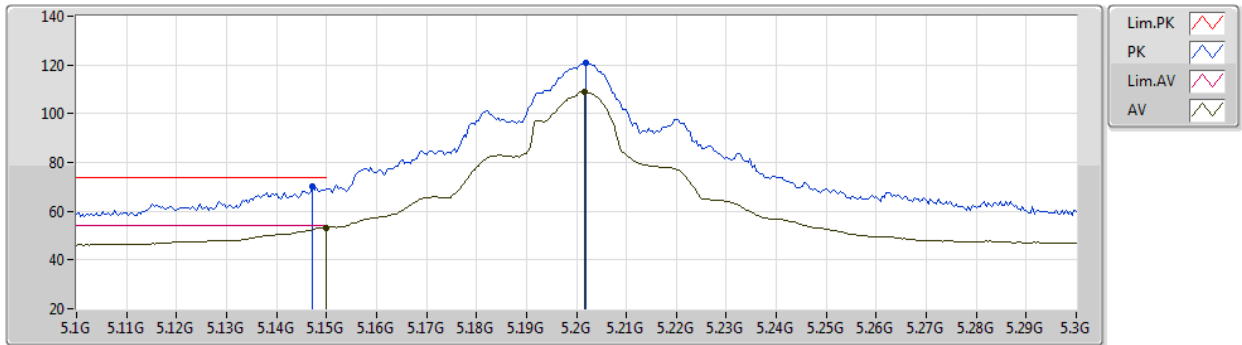
EUT Y_4TX
Setting 83
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.54492G	59.03	74.00	-14.97	44.85	3	Horizontal	75	2.38	-	38.01	11.20	35.03
AV	15.53292G	46.23	54.00	-7.77	32.03	3	Horizontal	75	2.38	-	38.03	11.19	35.02

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5200MHz_TX



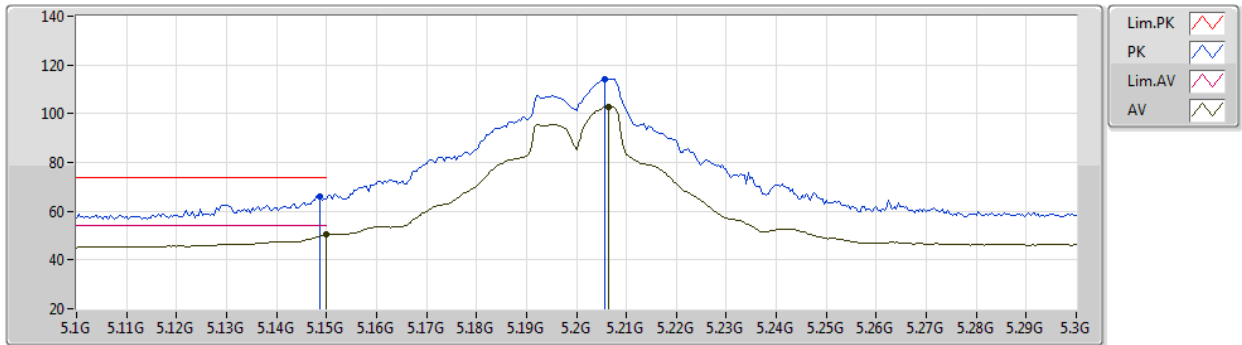
EUT Y_4TX
Setting 99
03-C-O-1-10

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	5.1472G	70.00	74.00	-4.00	64.68	3	Vertical	179	1.80	-	33.90	6.75	35.33
AV	5.15G	53.36	54.00	-0.64	48.04	3	Vertical	179	1.80	-	33.90	6.75	35.33
PK	5.202G	120.62	Inf	-Inf	115.19	3	Vertical	179	1.80	-	33.90	6.80	35.27
AV	5.2016G	108.99	Inf	-Inf	103.56	3	Vertical	179	1.80	-	33.90	6.80	35.27

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5200MHz_TX



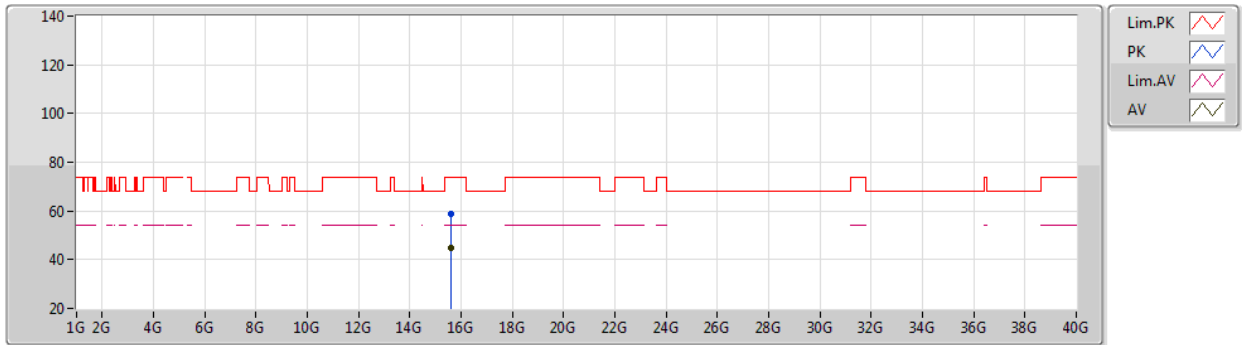
EUT Y_4TX
Setting 99
03-C-O-1-10

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	65.98	74.00	-8.02	60.66	3	Horizontal	296	2.49	-	33.90	6.75	35.33
AV	5.15G	50.40	54.00	-3.60	45.08	3	Horizontal	296	2.49	-	33.90	6.75	35.33
PK	5.2056G	114.27	Inf	-Inf	108.82	3	Horizontal	296	2.49	-	33.91	6.81	35.27
AV	5.2064G	102.68	Inf	-Inf	97.23	3	Horizontal	296	2.49	-	33.91	6.81	35.27

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5200MHz_TX



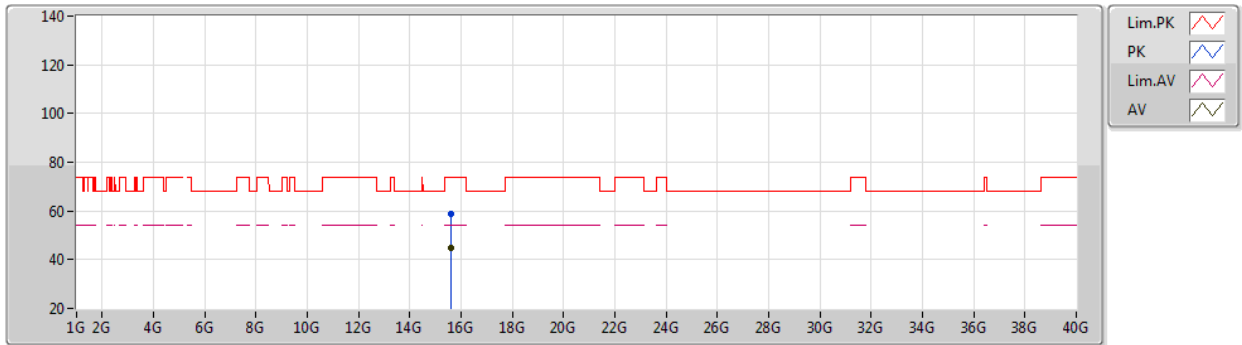
EUT Y_4TX
Setting 99
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.60636G	58.69	74.00	-15.31	44.65	3	Vertical	225	2.04	-	37.89	11.22	35.07
AV	15.59032G	44.98	54.00	-9.02	30.90	3	Vertical	225	2.04	-	37.92	11.22	35.06

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5200MHz_TX



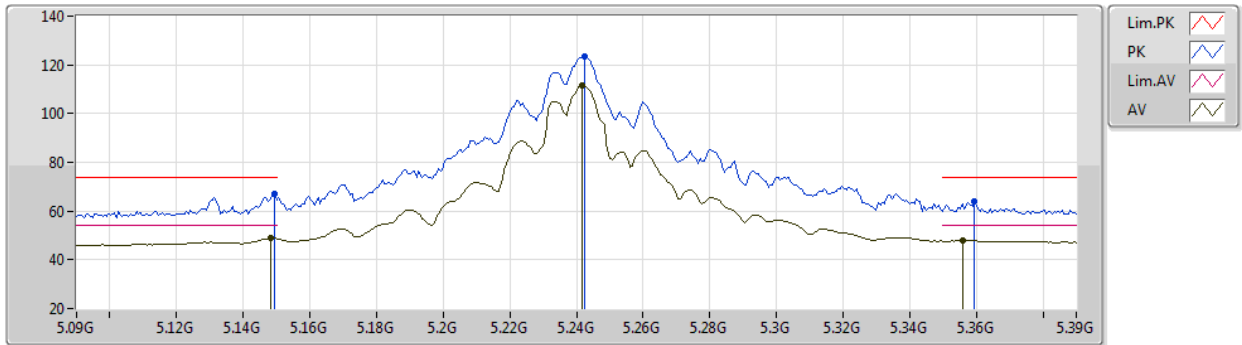
EUT Y_4TX
Setting 99
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.59788G	59.00	74.00	-15.00	44.94	3	Horizontal	0	2.97	-	37.90	11.22	35.06
AV	15.59548G	44.99	54.00	-9.01	30.92	3	Horizontal	0	2.97	-	37.91	11.22	35.06

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5240MHz_TX



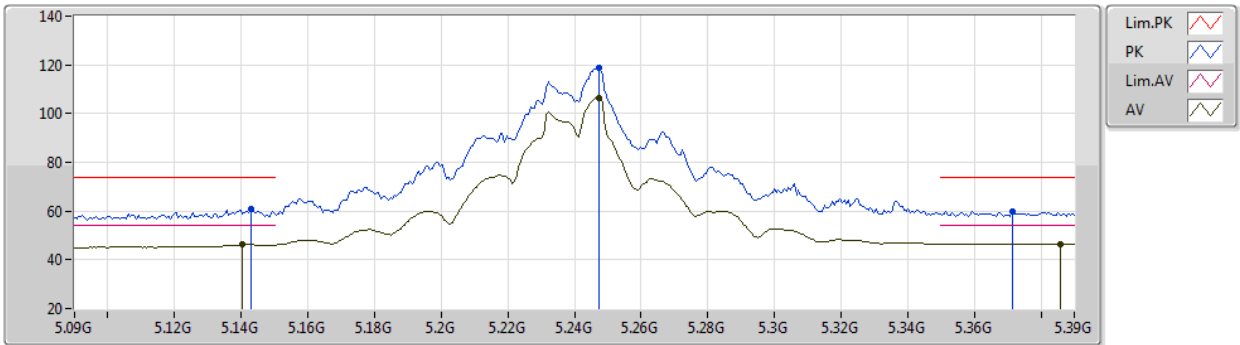
EUT Y_4TX
Setting 110
03-C-O-1-10

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	5.1494G	67.07	74.00	-6.93	61.75	3	Vertical	309	2.94	-	33.90	6.75	35.33
AV	5.1482G	48.81	54.00	-5.19	43.49	3	Vertical	309	2.94	-	33.90	6.75	35.33
PK	5.2424G	123.26	Inf	-Inf	117.63	3	Vertical	309	2.94	-	33.98	6.88	35.23
AV	5.2418G	111.65	Inf	-Inf	106.02	3	Vertical	309	2.94	-	33.98	6.88	35.23
PK	5.3594G	63.96	74.00	-10.04	57.56	3	Vertical	309	2.94	-	34.38	7.12	35.10
AV	5.3558G	47.91	54.00	-6.09	41.52	3	Vertical	309	2.94	-	34.39	7.11	35.11

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5240MHz_TX



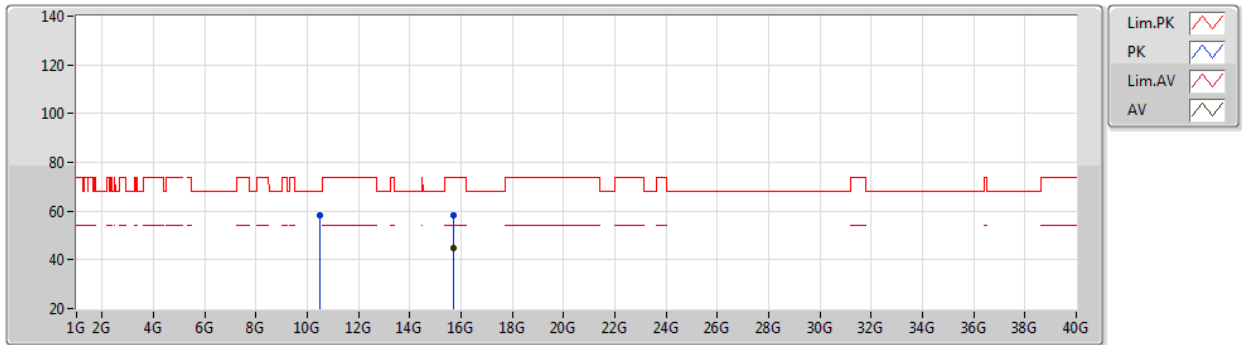
EUT Y_4TX
Setting 110
03-C-O-1-10

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	5.1428G	60.87	74.00	-13.13	55.57	3	Horizontal	291	2.16	-	33.90	6.74	35.34
AV	5.1404G	46.29	54.00	-7.71	40.99	3	Horizontal	291	2.16	-	33.90	6.74	35.34
PK	5.2472G	118.83	Inf	-Inf	113.17	3	Horizontal	291	2.16	-	33.99	6.89	35.22
AV	5.2472G	106.40	Inf	-Inf	100.74	3	Horizontal	291	2.16	-	33.99	6.89	35.22
PK	5.3714G	59.98	74.00	-14.02	53.57	3	Horizontal	291	2.16	-	34.36	7.14	35.09
AV	5.3858G	46.60	54.00	-7.40	40.17	3	Horizontal	291	2.16	-	34.33	7.17	35.07

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5240MHz_TX



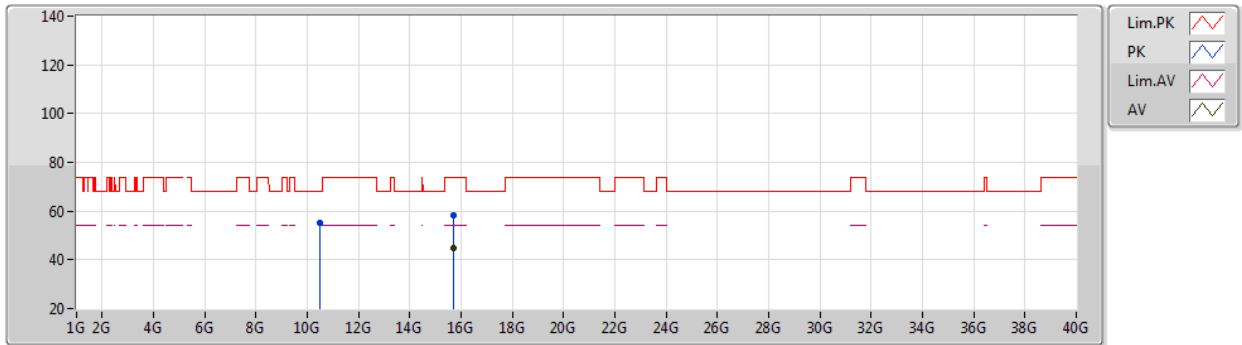
EUT Y_4TX
Setting 110
03-C-O-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.4763G	58.12	68.20	-10.08	45.17	3	Vertical	138	1.86	-	38.15	9.67	34.87
PK	15.71646G	58.16	74.00	-15.84	44.40	3	Vertical	224	1.80	-	37.63	11.27	35.14
AV	15.7215G	44.65	54.00	-9.35	30.91	3	Vertical	224	1.80	-	37.61	11.27	35.14

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5240MHz_TX



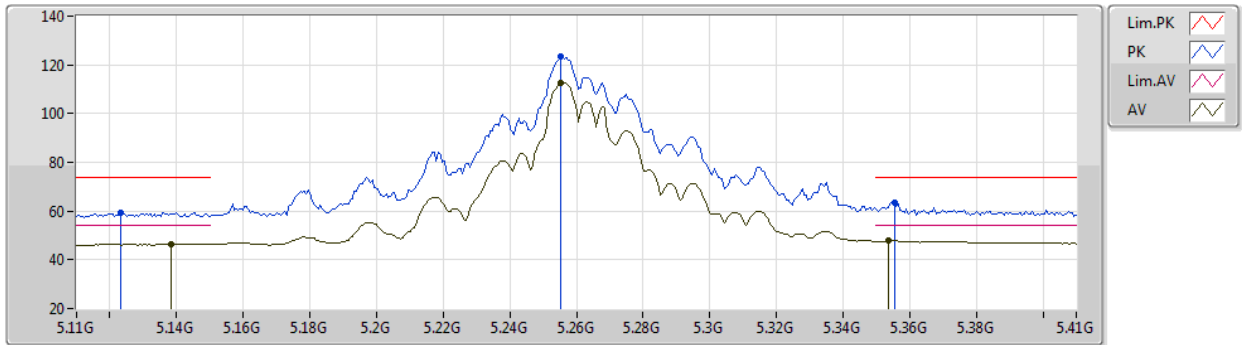
EUT Y_4TX
Setting 110
03-C-O-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.4755G	55.19	68.20	-13.01	42.24	3	Horizontal	325	1.69	-	38.15	9.67	34.87
PK	15.7181G	58.25	74.00	-15.75	44.49	3	Horizontal	211	1.83	-	37.63	11.27	35.14
AV	15.72256G	44.62	54.00	-9.38	30.87	3	Horizontal	211	1.83	-	37.61	11.28	35.14

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5260MHz_TX



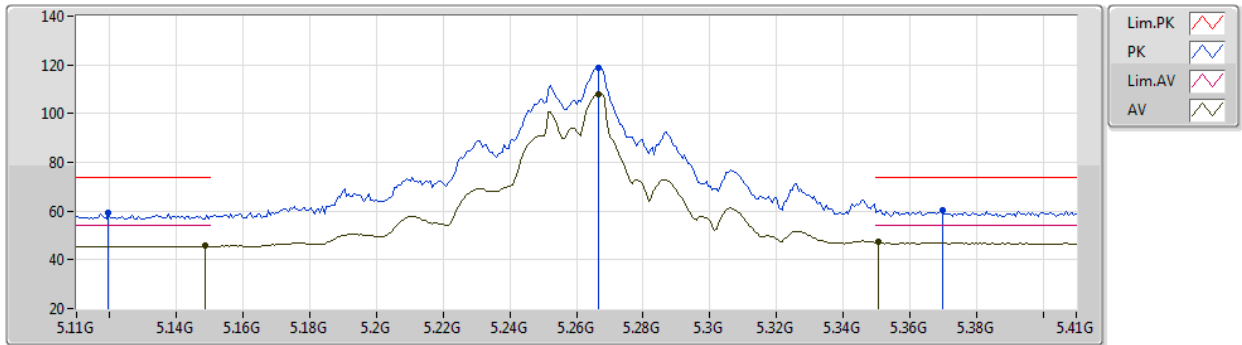
EUT Y_4TX
Setting 110
03-C-O-1-10

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	5.1232G	59.44	74.00	-14.56	54.18	3	Vertical	105	1.99	-	33.90	6.72	35.36
AV	5.1382G	46.58	54.00	-7.42	41.28	3	Vertical	105	1.99	-	33.90	6.74	35.34
PK	5.2552G	123.21	Inf	-Inf	117.49	3	Vertical	105	1.99	-	34.02	6.91	35.21
AV	5.2552G	112.56	Inf	-Inf	106.84	3	Vertical	105	1.99	-	34.02	6.91	35.21
PK	5.3554G	63.56	74.00	-10.44	57.17	3	Vertical	105	1.99	-	34.39	7.11	35.11
AV	5.3536G	47.99	54.00	-6.01	41.60	3	Vertical	105	1.99	-	34.39	7.11	35.11

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5260MHz_TX



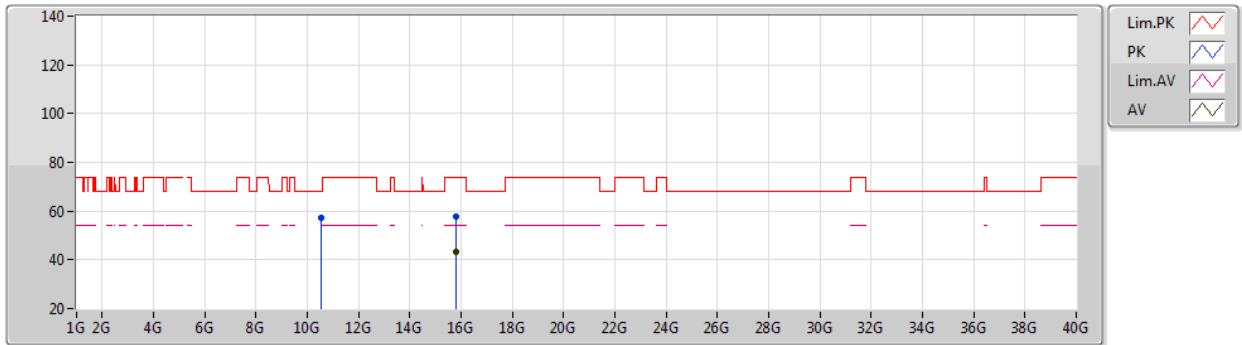
EUT Y_4TX
Setting 110
03-C-O-1-10

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	5.1196G	59.21	74.00	-14.79	53.95	3	Horizontal	290	1.99	-	33.90	6.72	35.36
AV	5.1484G	45.66	54.00	-8.34	40.34	3	Horizontal	290	1.99	-	33.90	6.75	35.33
PK	5.2666G	118.56	Inf	-Inf	112.76	3	Horizontal	290	1.99	-	34.07	6.93	35.20
AV	5.2666G	107.89	Inf	-Inf	102.09	3	Horizontal	290	1.99	-	34.07	6.93	35.20
PK	5.3698G	60.53	74.00	-13.47	54.12	3	Horizontal	290	1.99	-	34.36	7.14	35.09
AV	5.3506G	47.29	54.00	-6.71	40.90	3	Horizontal	290	1.99	-	34.40	7.10	35.11

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5260MHz_TX



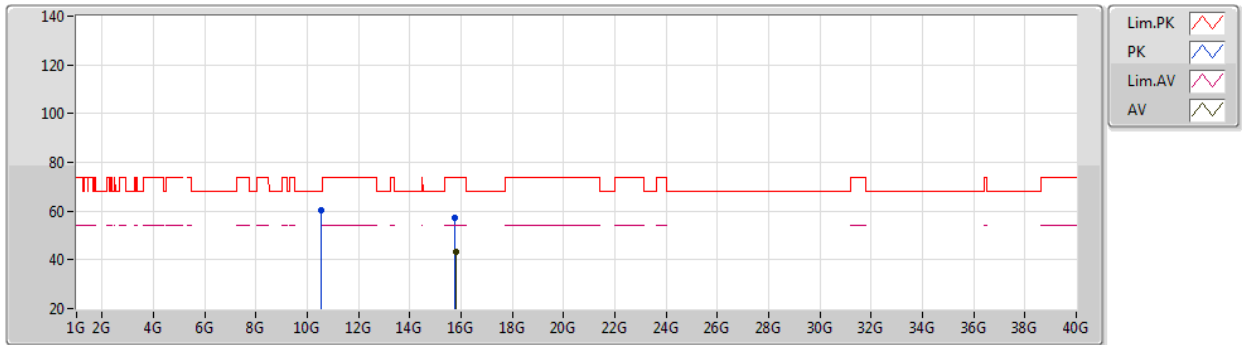
EUT Y_4TX
Setting 110
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5208G	57.28	68.20	-10.92	44.23	3	Vertical	142	1.86	-	38.20	9.68	34.83
PK	15.78616G	57.78	74.00	-16.22	44.30	3	Vertical	162	3.00	-	37.36	11.30	35.18
AV	15.78288G	43.51	54.00	-10.49	30.02	3	Vertical	162	3.00	-	37.37	11.30	35.18

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5260MHz_TX



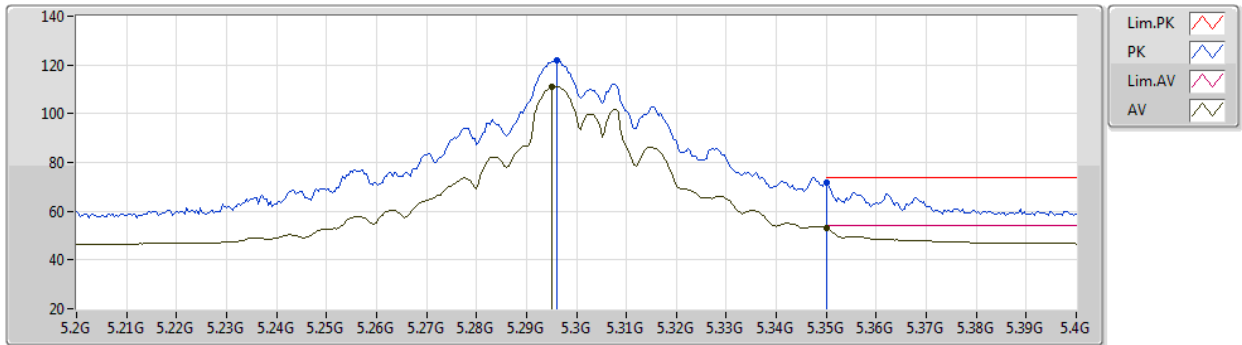
EUT Y_4TX
Setting 110
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.52088G	60.29	68.20	-7.91	47.24	3	Horizontal	309	2.07	-	38.20	9.68	34.83
PK	15.77532G	57.44	74.00	-16.56	43.92	3	Horizontal	169	1.49	-	37.40	11.30	35.18
AV	15.78448G	43.53	54.00	-10.47	30.05	3	Horizontal	169	1.49	-	37.36	11.30	35.18

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5300MHz_TX



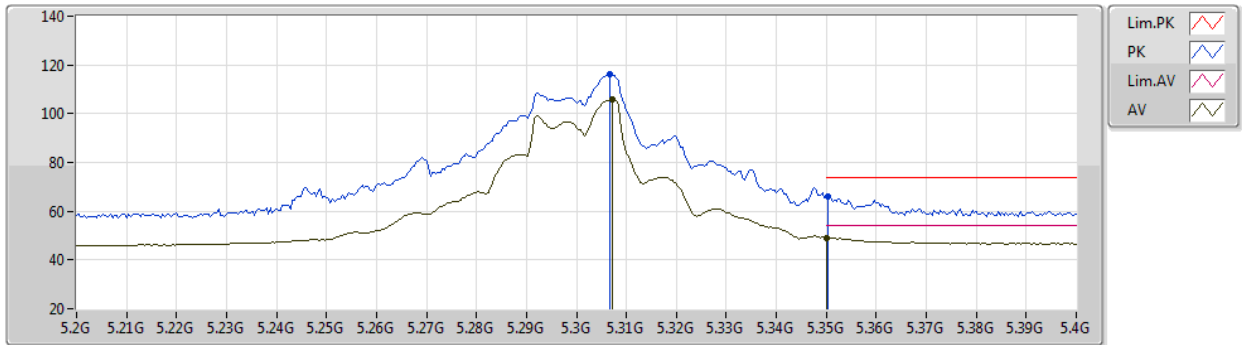
EUT Y_4TX
Setting 100
03-C-O-1-10

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	5.296G	121.65	Inf	-Inf	115.65	3	Vertical	106	1.95	-	34.18	6.99	35.17
AV	5.2952G	111.06	Inf	-Inf	105.06	3	Vertical	106	1.95	-	34.18	6.99	35.17
PK	5.35G	71.74	74.00	-2.26	65.35	3	Vertical	106	1.95	-	34.40	7.10	35.11
AV	5.35G	53.05	54.00	-0.95	46.66	3	Vertical	106	1.95	-	34.40	7.10	35.11

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5300MHz_TX



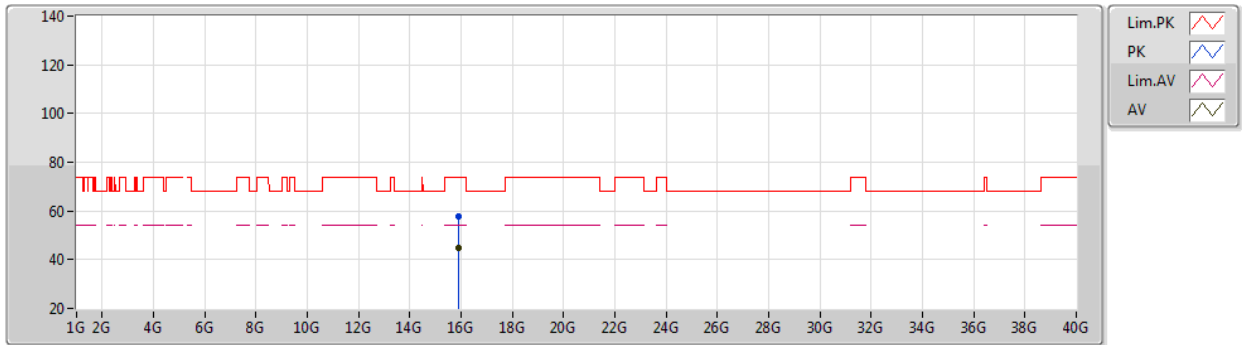
EUT Y_4TX
Setting 100
03-C-O-1-10

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	5.3068G	116.08	Inf	-Inf	110.00	3	Horizontal	292	2.29	-	34.23	7.01	35.16
AV	5.3072G	105.68	Inf	-Inf	99.60	3	Horizontal	292	2.29	-	34.23	7.01	35.16
PK	5.3504G	66.11	74.00	-7.89	59.72	3	Horizontal	292	2.29	-	34.40	7.10	35.11
AV	5.35G	49.04	54.00	-4.96	42.65	3	Horizontal	292	2.29	-	34.40	7.10	35.11

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5300MHz_TX



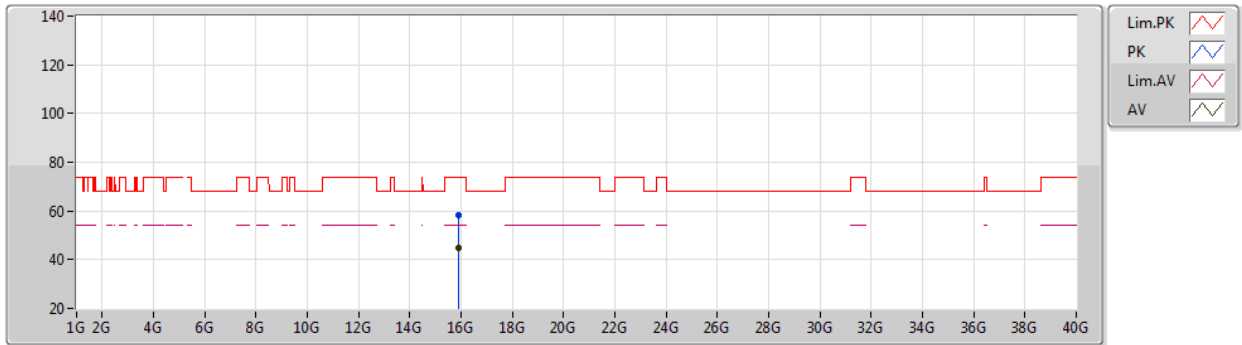
EUT Y_4TX
Setting 100
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.90868G	57.67	74.00	-16.33	44.07	3	Vertical	188	2.17	-	37.50	11.36	35.26
AV	15.9082G	44.71	54.00	-9.29	31.11	3	Vertical	188	2.17	-	37.50	11.36	35.26

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5300MHz_TX



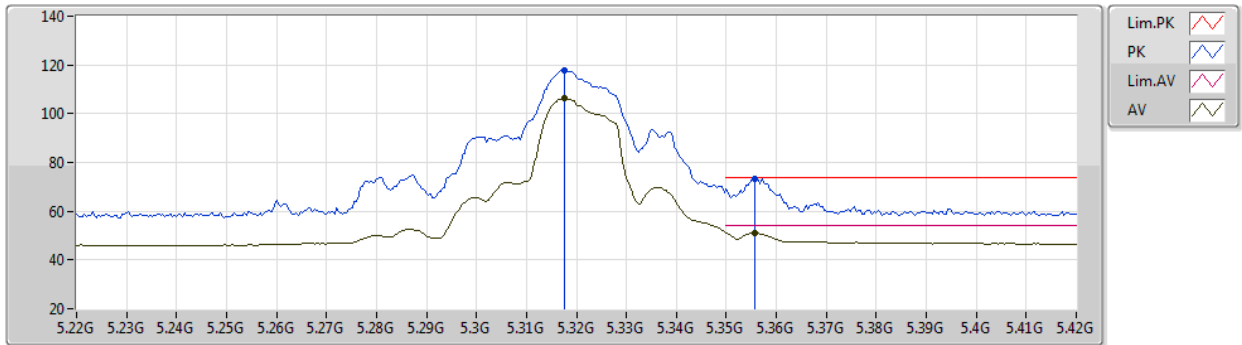
EUT Y_4TX
Setting 100
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.90748G	58.19	74.00	-15.81	44.59	3	Horizontal	307	1.34	-	37.50	11.36	35.26
AV	15.90168G	44.70	54.00	-9.30	31.10	3	Horizontal	307	1.34	-	37.50	11.36	35.26

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5320MHz_TX



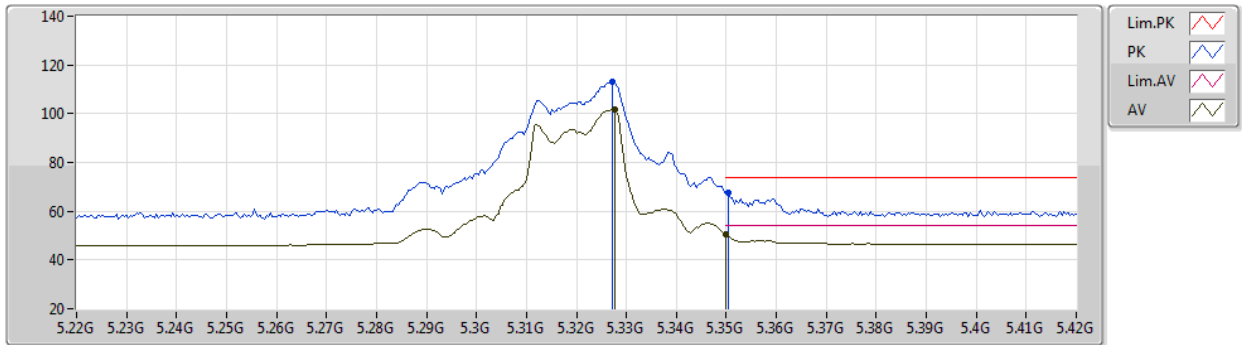
EUT Y_4TX
Setting 89
03-C-O-1-10

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	5.3176G	117.78	Inf	-Inf	111.62	3	Vertical	98	2.73	-	34.27	7.04	35.15
AV	5.3176G	106.55	Inf	-Inf	100.39	3	Vertical	98	2.73	-	34.27	7.04	35.15
PK	5.3556G	73.46	74.00	-0.54	67.07	3	Vertical	98	2.73	-	34.39	7.11	35.11
AV	5.3556G	51.27	54.00	-2.73	44.88	3	Vertical	98	2.73	-	34.39	7.11	35.11

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5320MHz_TX



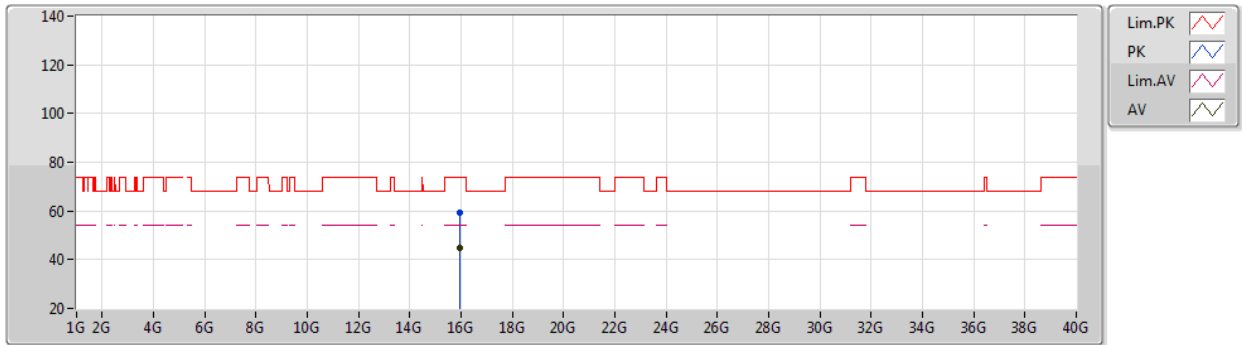
EUT Y_4TX
Setting 89
03-C-O-1-10

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	5.3272G	112.95	Inf	-Inf	106.73	3	Horizontal	291	1.94	-	34.31	7.05	35.14
AV	5.3276G	101.67	Inf	-Inf	95.44	3	Horizontal	291	1.94	-	34.31	7.06	35.14
PK	5.3504G	67.50	74.00	-6.50	61.11	3	Horizontal	291	1.94	-	34.40	7.10	35.11
AV	5.35G	50.48	54.00	-3.52	44.09	3	Horizontal	291	1.94	-	34.40	7.10	35.11

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5320MHz_TX



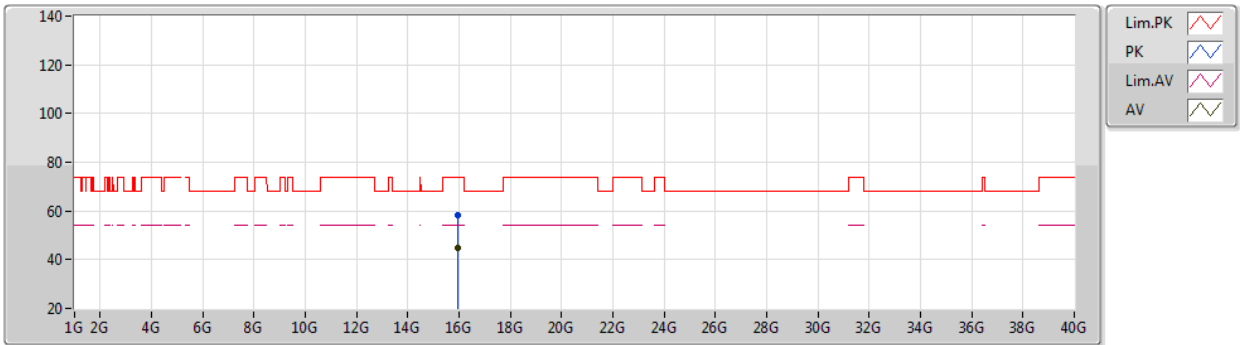
EUT Y_4TX
Setting 89
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.96904G	59.17	74.00	-14.83	45.58	3	Vertical	252	2.70	-	37.50	11.39	35.30
AV	15.96888G	44.97	54.00	-9.03	31.38	3	Vertical	252	2.70	-	37.50	11.39	35.30

802.11a_Nss1,(6Mbps)_4TX

01/08/2020

5320MHz_TX



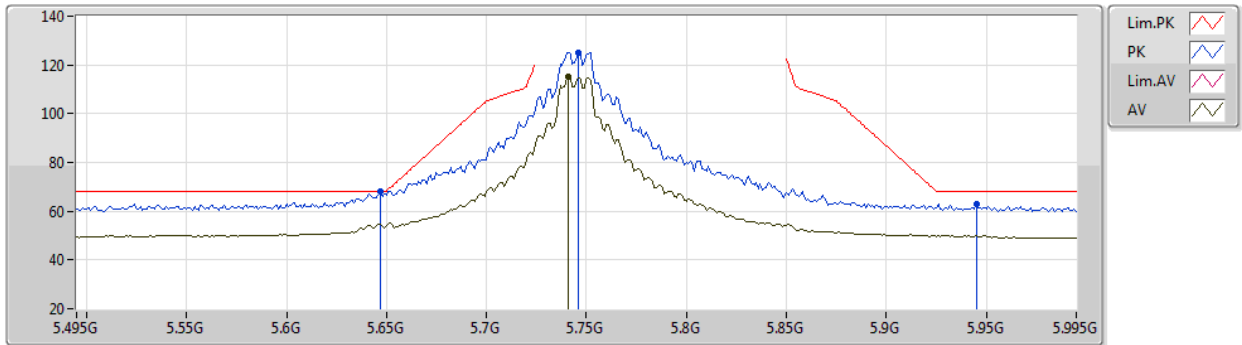
EUT Y_4TX
Setting 89
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.95736G	58.44	74.00	-15.56	44.85	3	Horizontal	258	1.92	-	37.50	11.38	35.29
AV	15.969G	44.88	54.00	-9.12	31.29	3	Horizontal	258	1.92	-	37.50	11.39	35.30

802.11a_Nss1,(6Mbps)_2TX

01/08/2020

5745MHz_TX



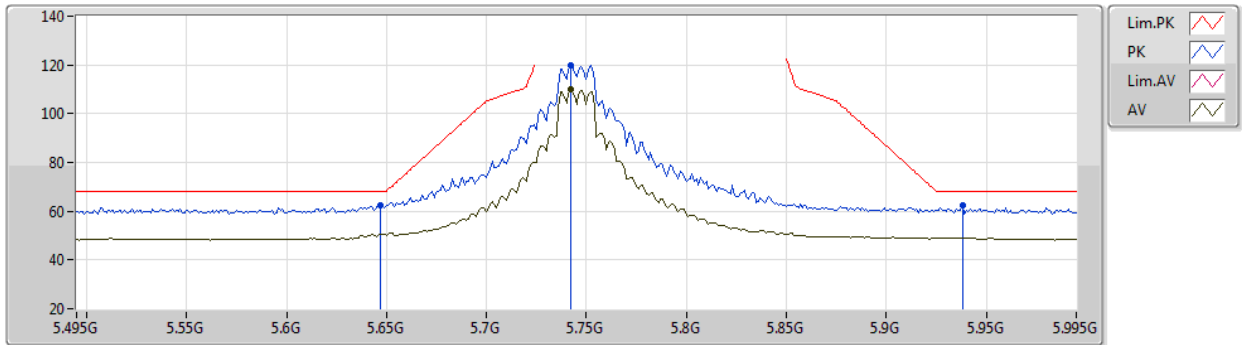
EUT Y_2TX
Setting 108
06-F-J-5-10

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	5.647G	68.09	68.20	-0.11	60.00	3	Vertical	259	1.59	-	34.05	5.84	31.80
PK	5.746G	125.23	Inf	-Inf	116.99	3	Vertical	259	1.59	-	34.05	5.94	31.75
AV	5.741G	115.08	Inf	-Inf	106.85	3	Vertical	259	1.59	-	34.04	5.94	31.75
PK	5.945G	62.82	68.20	-5.38	54.09	3	Vertical	259	1.59	-	34.45	5.93	31.65

802.11a_Nss1,(6Mbps)_2TX

01/08/2020

5745MHz_TX



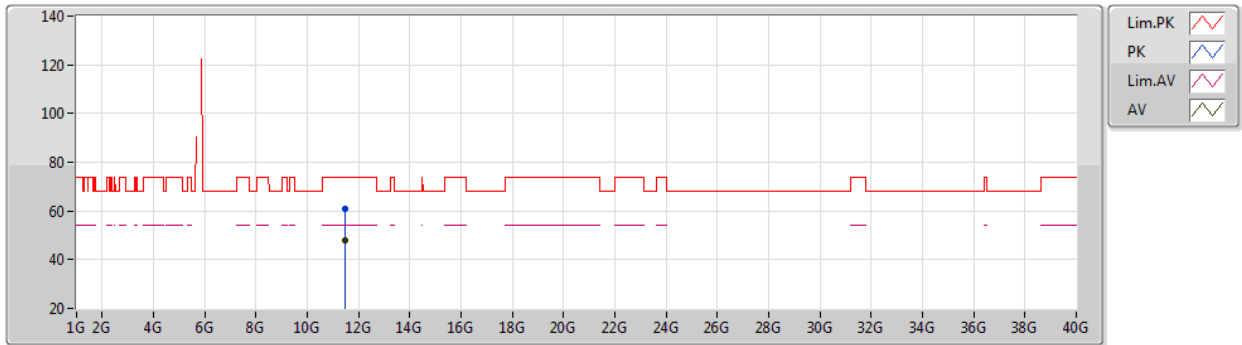
EUT Y_2TX
Setting 108
06-F-J-5-10

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	5.647G	62.67	68.20	-5.53	54.58	3	Horizontal	325	1.68	-	34.05	5.84	31.80
PK	5.742G	119.69	Inf	-Inf	111.46	3	Horizontal	325	1.68	-	34.04	5.94	31.75
AV	5.742G	109.77	Inf	-Inf	101.54	3	Horizontal	325	1.68	-	34.04	5.94	31.75
PK	5.938G	62.53	68.20	-5.67	53.81	3	Horizontal	325	1.68	-	34.44	5.93	31.65

802.11a_Nss1,(6Mbps)_2TX

01/08/2020

5745MHz_TX



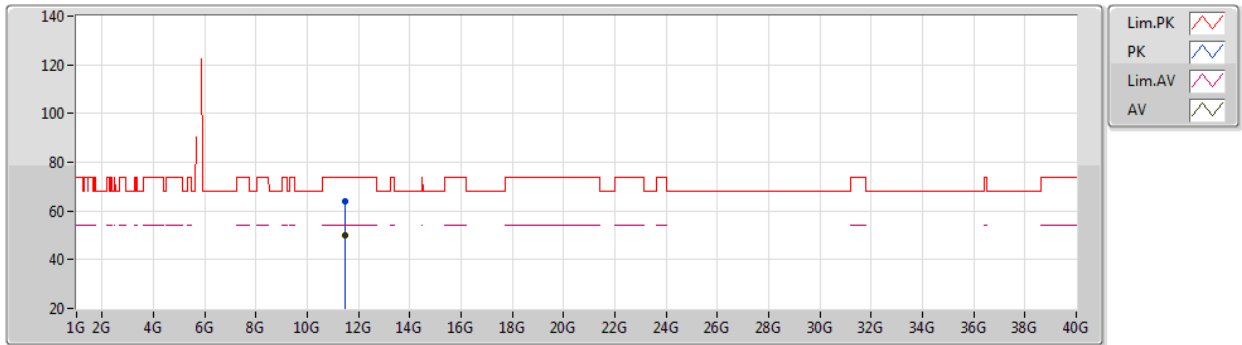
EUT Y_2TX
Setting 108
06-F-J-5

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	11.49006G	60.95	74.00	-13.05	45.36	3	Vertical	24	1.79	-	41.63	8.12	34.16
AV	11.48988G	47.96	54.00	-6.04	32.37	3	Vertical	24	1.79	-	41.63	8.12	34.16

802.11a_Nss1,(6Mbps)_2TX

01/08/2020

5745MHz_TX



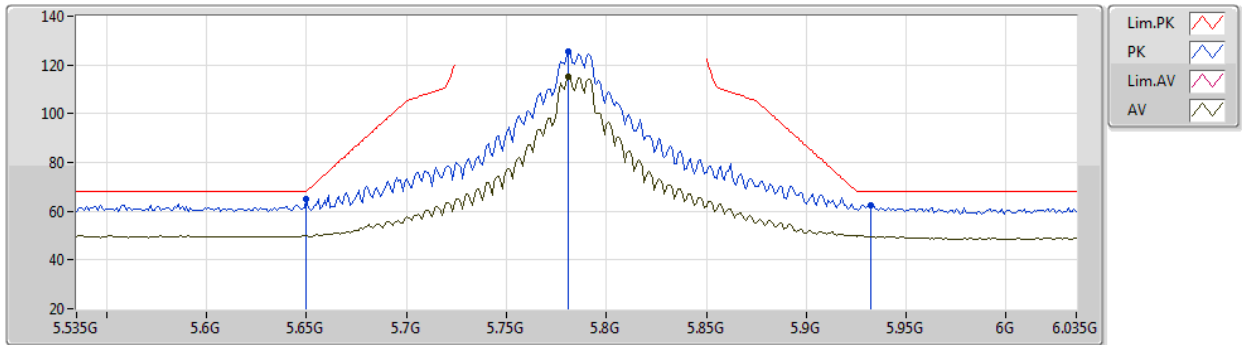
EUT Y_2TX
Setting 108
06-F-J-5

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	11.49066G	64.12	74.00	-9.88	48.53	3	Horizontal	39	2.93	-	41.63	8.12	34.16
AV	11.49084G	49.81	54.00	-4.19	34.22	3	Horizontal	39	2.93	-	41.63	8.12	34.16

802.11a_Nss1,(6Mbps)_2TX

01/08/2020

5785MHz_TX



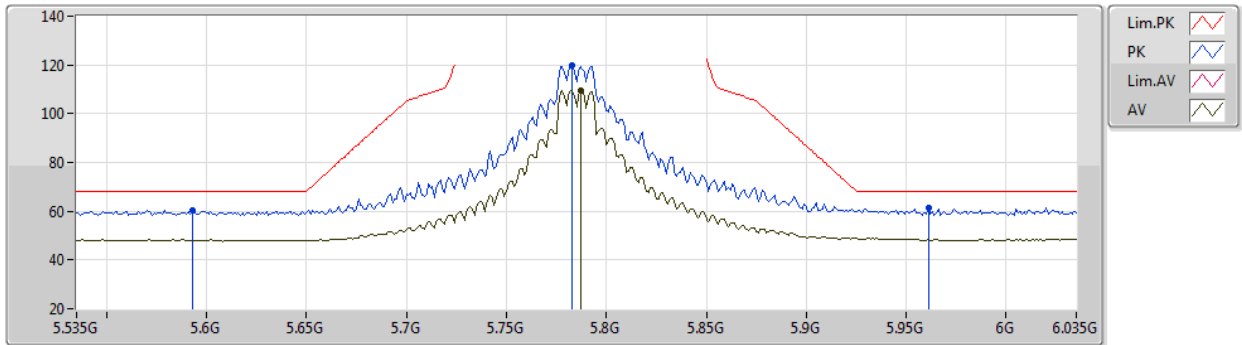
EUT Y_2TX
Setting 110
06-F-J-5-10

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	5.65G	65.06	68.20	-3.14	56.97	3	Vertical	260	1.78	-	34.05	5.84	31.80
PK	5.781G	125.48	Inf	-Inf	117.16	3	Vertical	260	1.78	-	34.08	5.98	31.74
AV	5.781G	114.92	Inf	-Inf	106.60	3	Vertical	260	1.78	-	34.08	5.98	31.74
PK	5.932G	62.67	68.20	-5.53	53.97	3	Vertical	260	1.78	-	34.43	5.93	31.66

802.11a_Nss1,(6Mbps)_2TX

01/08/2020

5785MHz_TX



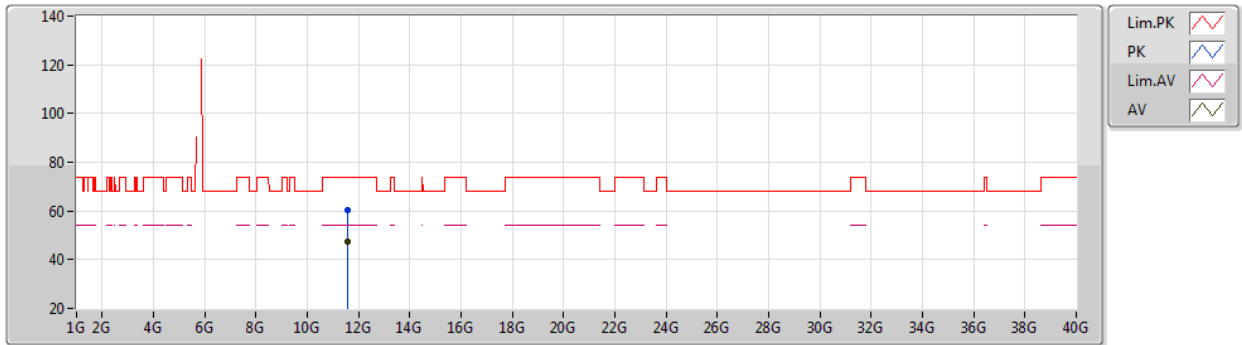
EUT Y_2TX
Setting 110
06-F-J-5-10

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	5.593G	60.50	68.20	-7.70	52.41	3	Horizontal	324	1.63	-	34.11	5.80	31.82
PK	5.783G	119.99	Inf	-Inf	111.67	3	Horizontal	324	1.63	-	34.08	5.98	31.74
AV	5.787G	109.49	Inf	-Inf	101.15	3	Horizontal	324	1.63	-	34.09	5.99	31.74
PK	5.961G	61.62	68.20	-6.58	52.89	3	Horizontal	324	1.63	-	34.46	5.92	31.65

802.11a_Nss1,(6Mbps)_2TX

01/08/2020

5785MHz_TX



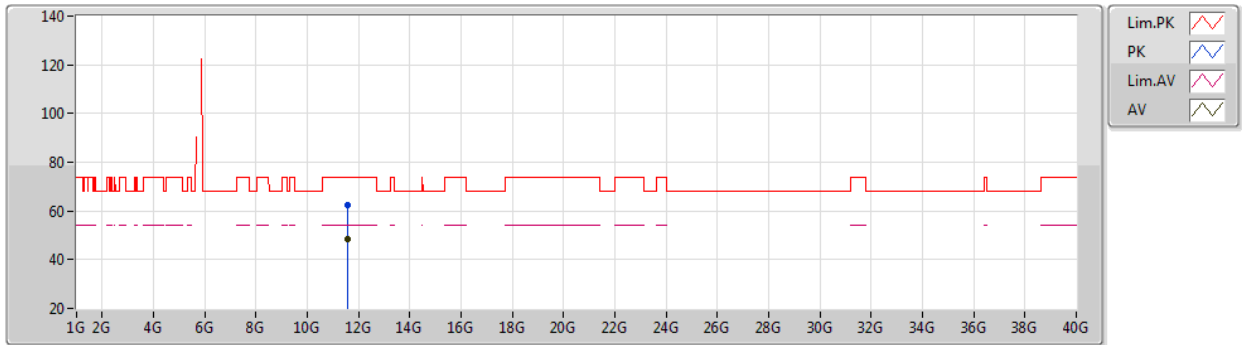
EUT Y_2TX
Setting 110
06-F-J-5

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	11.57088G	60.58	74.00	-13.42	44.80	3	Vertical	210	1.97	-	41.80	8.15	34.17
AV	11.57088G	47.45	54.00	-6.55	31.67	3	Vertical	210	1.97	-	41.80	8.15	34.17

802.11a_Nss1,(6Mbps)_2TX

01/08/2020

5785MHz_TX



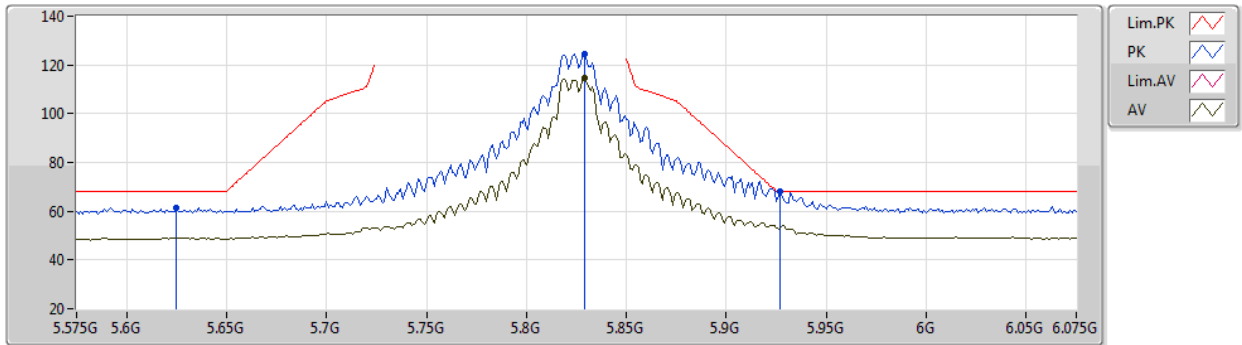
EUT Y_2TX
Setting 110
06-F-J-5

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	11.57088G	62.26	74.00	-11.74	46.48	3	Horizontal	297	1.44	-	41.80	8.15	34.17
AV	11.57152G	48.57	54.00	-5.43	32.79	3	Horizontal	297	1.44	-	41.80	8.15	34.17

802.11a_Nss1,(6Mbps)_2TX

01/08/2020

5825MHz_TX



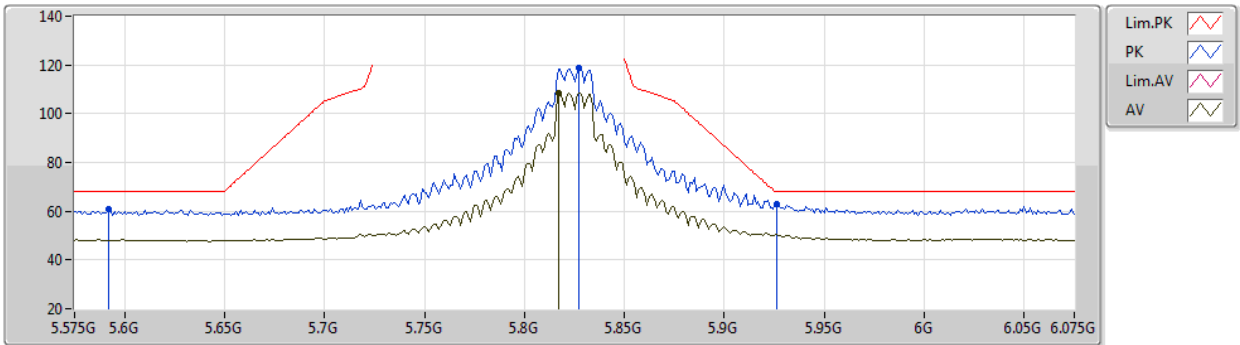
EUT Y_2TX
Setting 108
06-F-J-5-10

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	5.625G	61.41	68.20	-6.79	53.32	3	Vertical	283	1.80	-	34.08	5.82	31.81
PK	5.829G	124.47	Inf	-Inf	116.00	3	Vertical	283	1.80	-	34.19	5.99	31.71
AV	5.829G	114.42	Inf	-Inf	105.95	3	Vertical	283	1.80	-	34.19	5.99	31.71
PK	5.927G	68.13	68.20	-0.07	59.42	3	Vertical	283	1.80	-	34.43	5.94	31.66

802.11a_Nss1,(6Mbps)_2TX

01/08/2020

5825MHz_TX



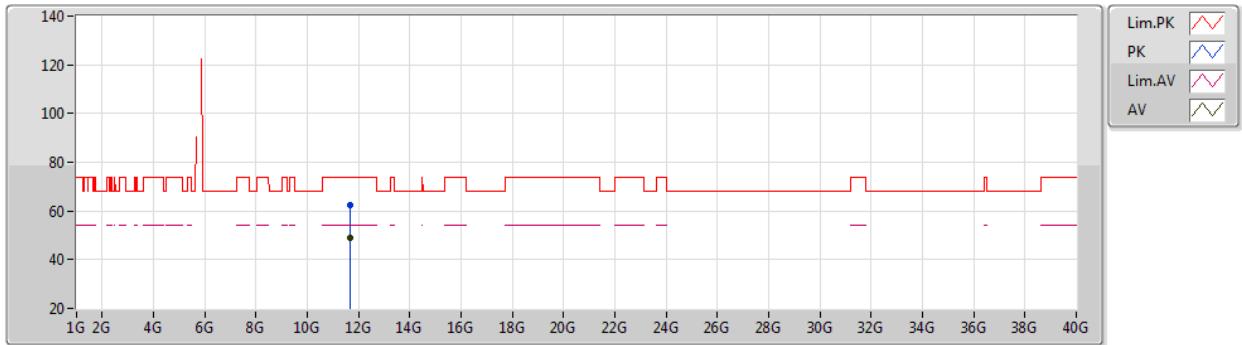
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Setting 108
06-F-J-5-10

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	60.62	68.20	-7.58	52.53	3	Horizontal	325	1.61	-	34.11	5.80	31.82
PK	5.827G	118.55	Inf	-Inf	110.09	3	Horizontal	325	1.61	-	34.18	5.99	31.71
AV	5.817G	108.67	Inf	-Inf	100.25	3	Horizontal	325	1.61	-	34.15	5.99	31.72
PK	5.926G	63.06	68.20	-5.14	54.35	3	Horizontal	325	1.61	-	34.43	5.94	31.66

802.11a_Nss1,(6Mbps)_2TX

01/08/2020

5825MHz_TX



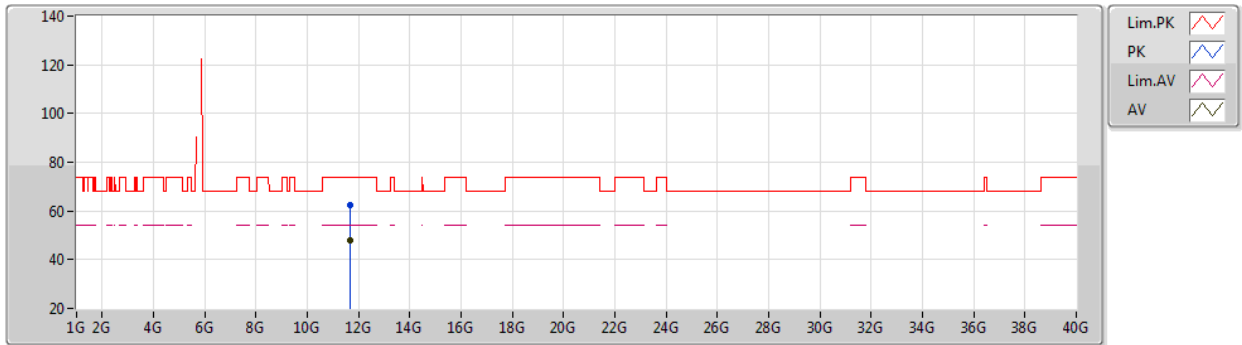
EUT Y_2TX
Setting 108
06-F-J-5

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	11.64944G	62.21	74.00	-11.79	46.24	3	Vertical	331	2.49	-	41.96	8.18	34.17
AV	11.6492G	48.86	54.00	-5.14	32.89	3	Vertical	331	2.49	-	41.96	8.18	34.17

802.11a_Nss1,(6Mbps)_2TX

01/08/2020

5825MHz_TX



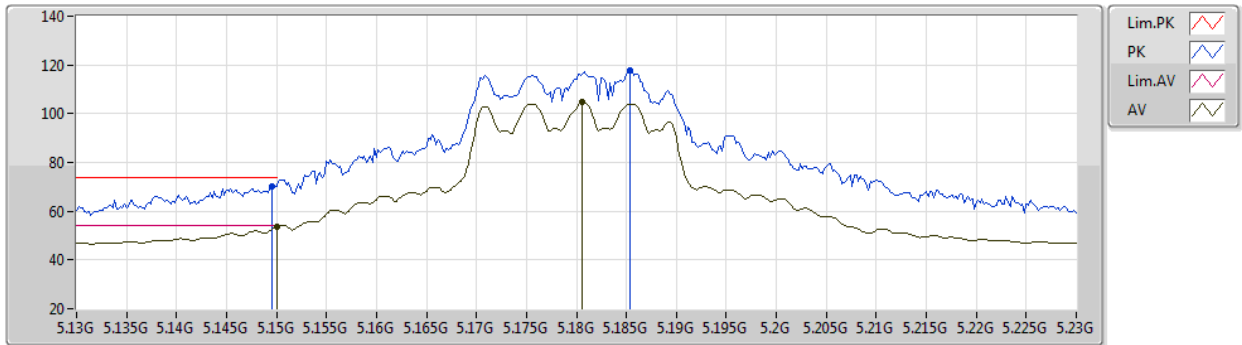
EUT Y_2TX
Setting 108
06-F-J-5

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	11.65112G	62.31	74.00	-11.69	46.33	3	Horizontal	297	1.42	-	41.97	8.18	34.17
AV	11.65184G	48.16	54.00	-5.84	32.18	3	Horizontal	297	1.42	-	41.97	8.18	34.17

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5180MHz_TX



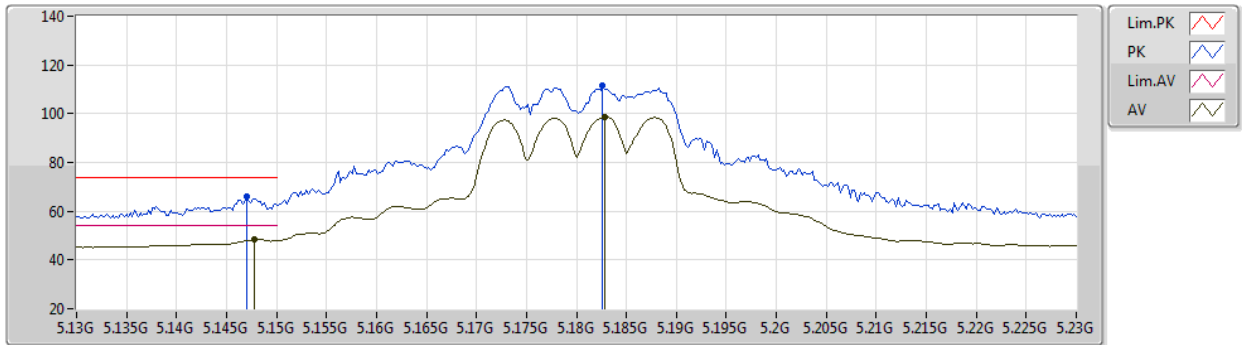
EUT Y_4TX
Setting 82
03-C-O-1-10

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	70.18	74.00	-3.82	64.86	3	Vertical	176	1.78	-	33.90	6.75	35.33
AV	5.15G	53.76	54.00	-0.24	48.44	3	Vertical	176	1.78	-	33.90	6.75	35.33
PK	5.1854G	117.67	Inf	-Inf	112.27	3	Vertical	176	1.78	-	33.90	6.79	35.29
AV	5.1806G	104.63	Inf	-Inf	99.24	3	Vertical	176	1.78	-	33.90	6.78	35.29

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5180MHz_TX



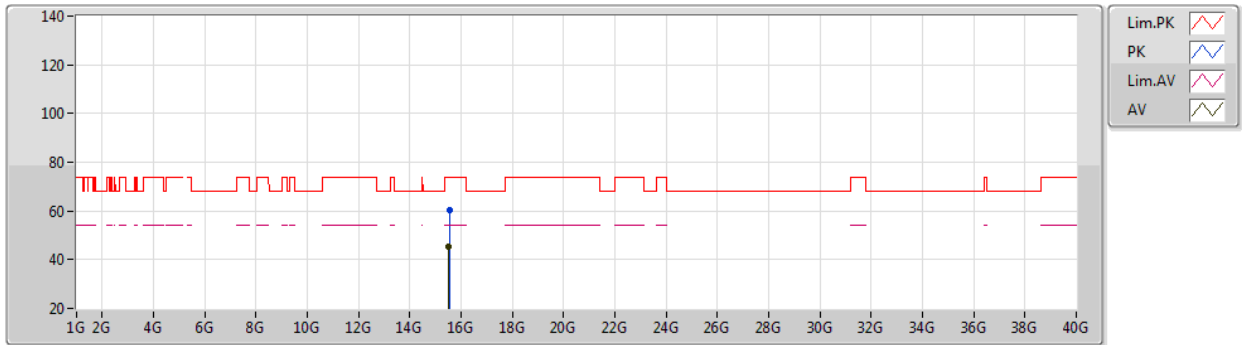
EUT Y_4TX
Setting 82
03-C-O-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.147G	66.10	74.00	-7.90	60.78	3	Horizontal	294	2.34	-	33.90	6.75	35.33
AV	5.1478G	48.46	54.00	-5.54	43.14	3	Horizontal	294	2.34	-	33.90	6.75	35.33
PK	5.1826G	111.80	Inf	-Inf	106.41	3	Horizontal	294	2.34	-	33.90	6.78	35.29
AV	5.1828G	98.75	Inf	-Inf	93.36	3	Horizontal	294	2.34	-	33.90	6.78	35.29

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5180MHz_TX



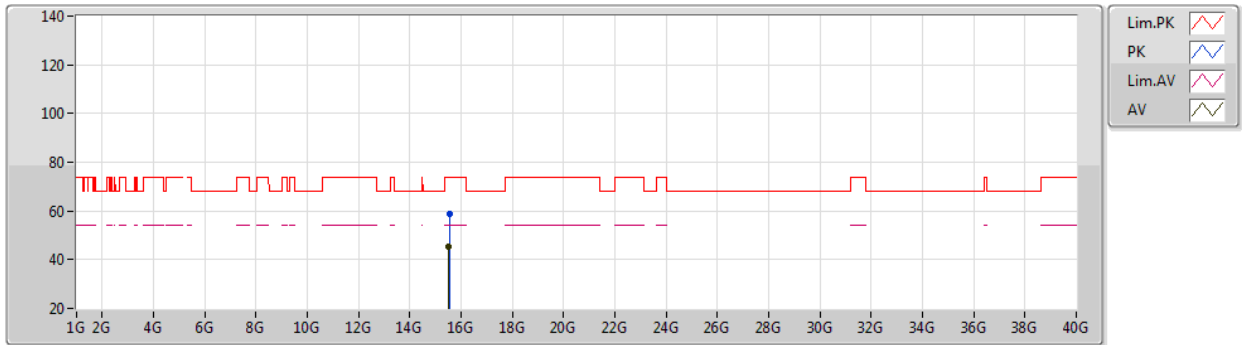
EUT Y_4TX
Setting 82
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.53284G	60.12	74.00	-13.88	45.92	3	Vertical	67	2.63	-	38.03	11.19	35.02
AV	15.53032G	45.48	54.00	-8.52	31.27	3	Vertical	67	2.63	-	38.04	11.19	35.02

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5180MHz_TX



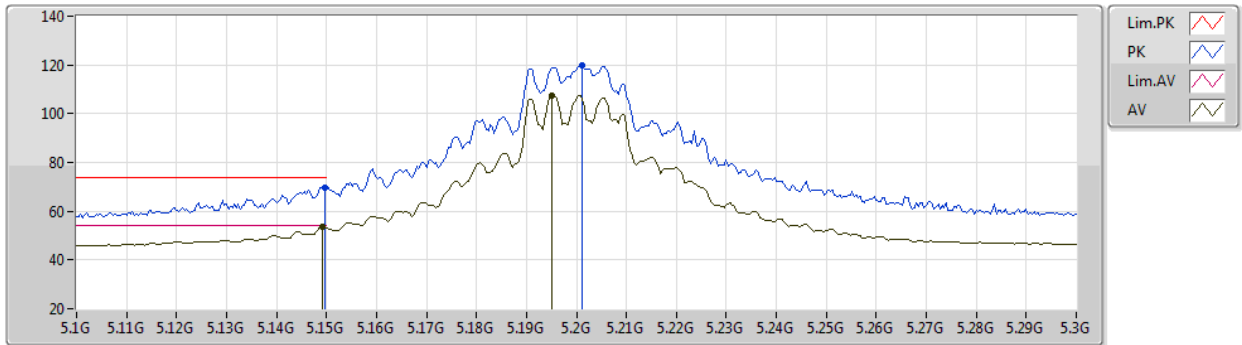
EUT Y_4TX
Setting 82
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.53992G	58.90	74.00	-15.10	44.72	3	Horizontal	3	2.95	-	38.02	11.19	35.03
AV	15.53032G	45.38	54.00	-8.62	31.17	3	Horizontal	3	2.95	-	38.04	11.19	35.02

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5200MHz_TX



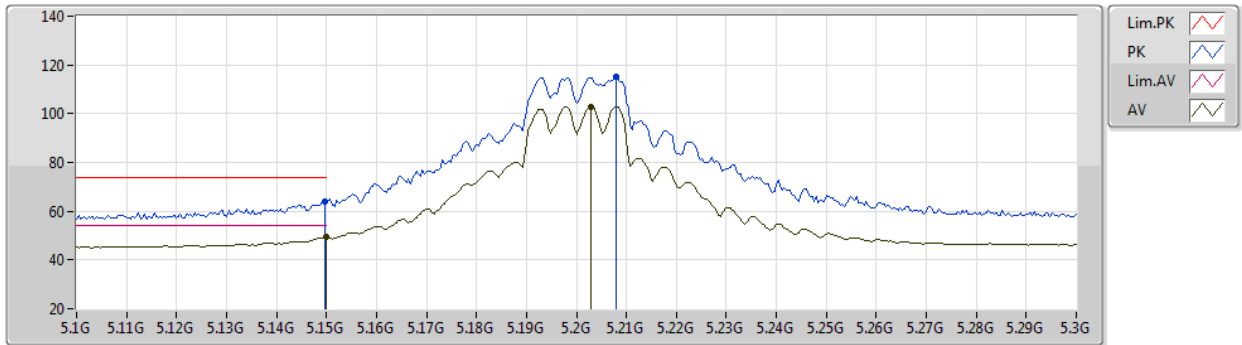
EUT Y_4TX
Setting 97
03-C-O-1-10

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	69.70	74.00	-4.30	64.38	3	Vertical	177	1.85	-	33.90	6.75	35.33
AV	5.1492G	53.65	54.00	-0.35	48.33	3	Vertical	177	1.85	-	33.90	6.75	35.33
PK	5.2012G	119.74	Inf	-Inf	114.31	3	Vertical	177	1.85	-	33.90	6.80	35.27
AV	5.1952G	107.56	Inf	-Inf	102.14	3	Vertical	177	1.85	-	33.90	6.80	35.28

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5200MHz_TX



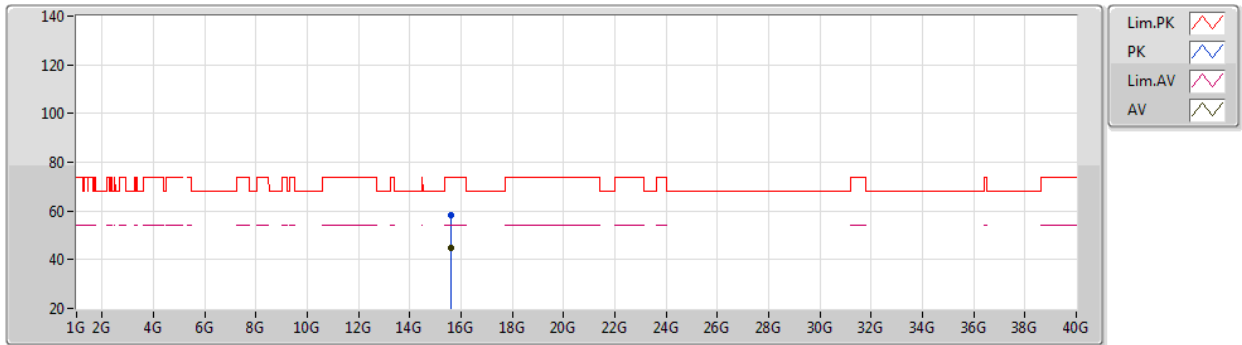
EUT Y_4TX
Setting 97
03-C-O-1-10

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	64.02	74.00	-9.98	58.70	3	Horizontal	291	2.20	-	33.90	6.75	35.33
AV	5.15G	49.39	54.00	-4.61	44.07	3	Horizontal	291	2.20	-	33.90	6.75	35.33
PK	5.208G	115.20	Inf	-Inf	109.73	3	Horizontal	291	2.20	-	33.92	6.82	35.27
AV	5.2028G	102.99	Inf	-Inf	97.54	3	Horizontal	291	2.20	-	33.91	6.81	35.27

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5200MHz_TX



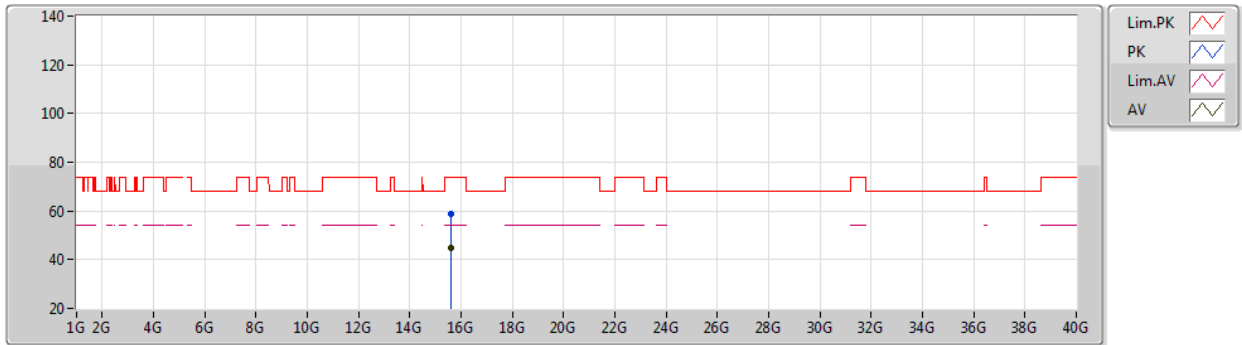
EUT Y_4TX
Setting 97
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.5994G	58.53	74.00	-15.47	44.47	3	Vertical	233	1.95	-	37.90	11.22	35.06
AV	15.59G	44.98	54.00	-9.02	30.90	3	Vertical	233	1.95	-	37.92	11.22	35.06

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5200MHz_TX



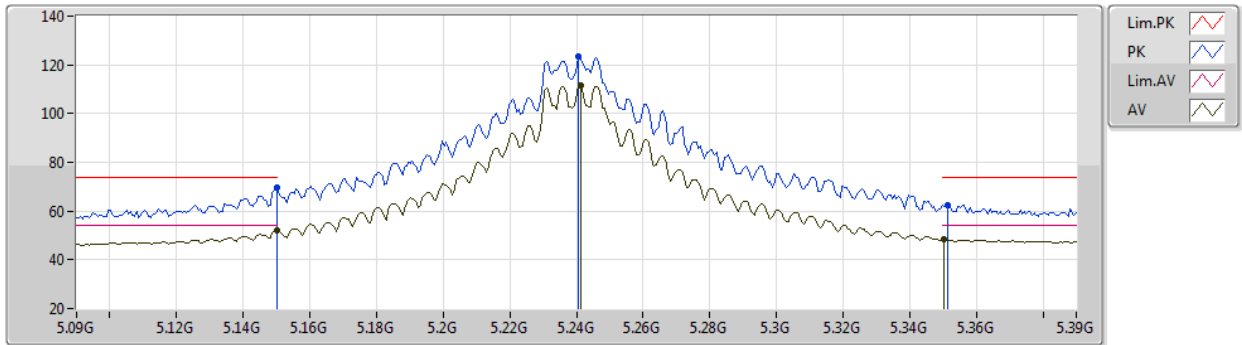
EUT Y_4TX
Setting 97
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.59328G	58.85	74.00	-15.15	44.78	3	Horizontal	148	1.11	-	37.91	11.22	35.06
AV	15.59164G	45.05	54.00	-8.95	30.97	3	Horizontal	148	1.11	-	37.92	11.22	35.06

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5240MHz_TX



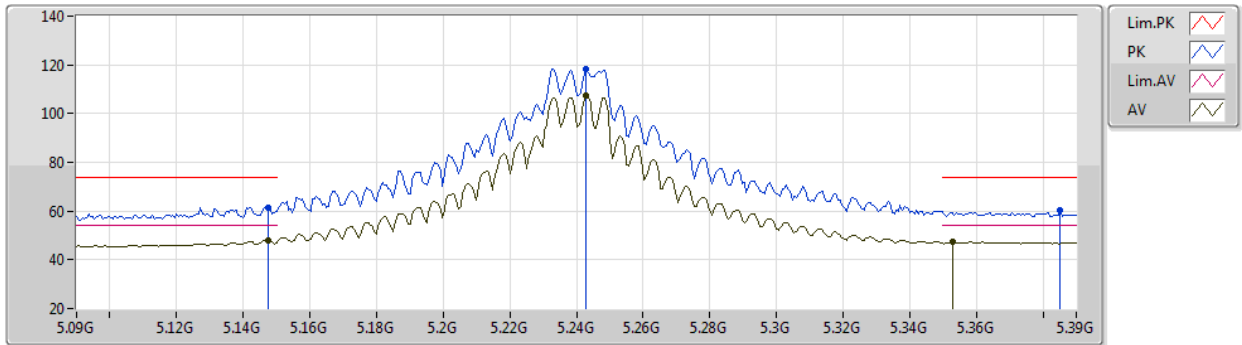
EUT Y_4TX
Setting 110
03-C-O-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	69.71	74.00	-4.29	64.39	3	Vertical	314	1.15	-	33.90	6.75	35.33
AV	5.15G	52.03	54.00	-1.97	46.71	3	Vertical	314	1.15	-	33.90	6.75	35.33
PK	5.2406G	123.49	Inf	-Inf	117.86	3	Vertical	314	1.15	-	33.98	6.88	35.23
AV	5.2412G	111.75	Inf	-Inf	106.12	3	Vertical	314	1.15	-	33.98	6.88	35.23
PK	5.3516G	62.65	74.00	-11.35	56.26	3	Vertical	314	1.15	-	34.40	7.10	35.11
AV	5.3504G	48.56	54.00	-5.44	42.17	3	Vertical	314	1.15	-	34.40	7.10	35.11

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5240MHz_TX



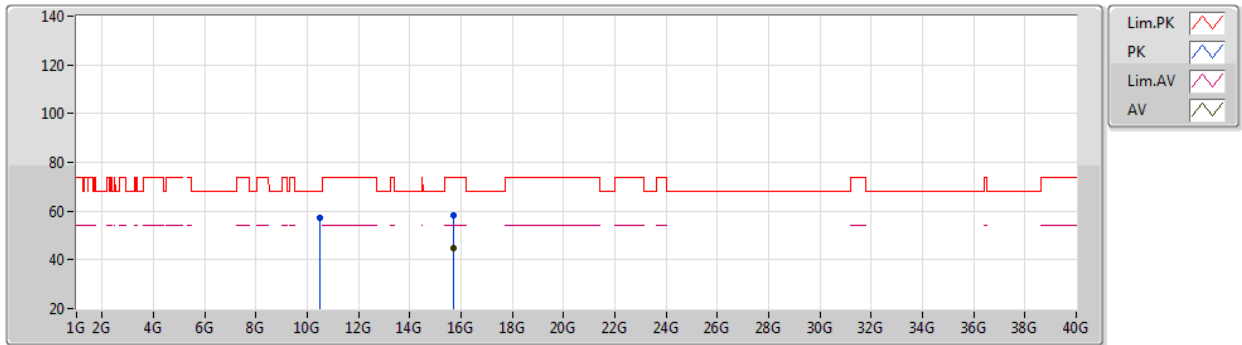
EUT Y_4TX
Setting 110
03-C-O-1-10

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	61.52	74.00	-12.48	56.20	3	Horizontal	290	2.36	-	33.90	6.75	35.33
AV	5.1476G	48.00	54.00	-6.00	42.68	3	Horizontal	290	2.36	-	33.90	6.75	35.33
PK	5.243G	118.16	Inf	-Inf	112.51	3	Horizontal	290	2.36	-	33.99	6.89	35.23
AV	5.243G	107.31	Inf	-Inf	101.66	3	Horizontal	290	2.36	-	33.99	6.89	35.23
PK	5.3852G	60.10	74.00	-13.90	53.67	3	Horizontal	290	2.36	-	34.33	7.17	35.07
AV	5.3528G	47.32	54.00	-6.68	40.93	3	Horizontal	290	2.36	-	34.39	7.11	35.11

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5240MHz_TX



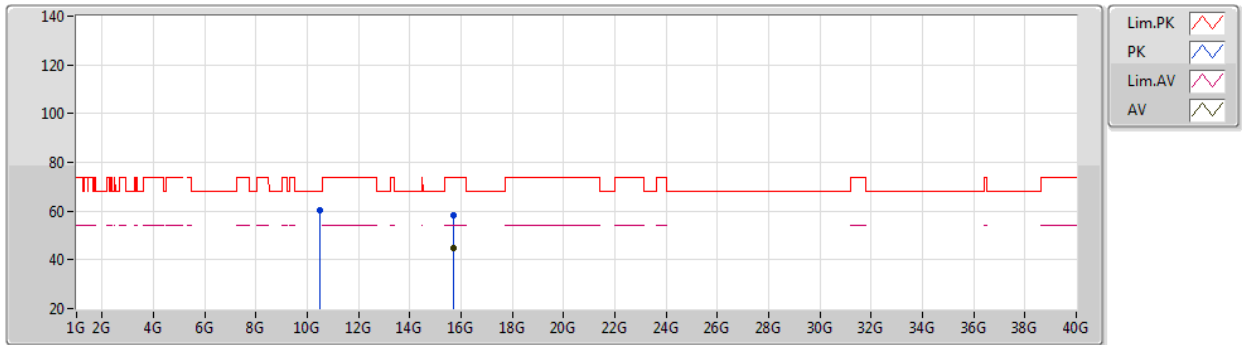
EUT Y_4TX
Setting 110
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.48124G	57.38	68.20	-10.82	44.41	3	Vertical	142	1.83	-	38.16	9.67	34.86
PK	15.71852G	58.18	74.00	-15.82	44.42	3	Vertical	34	2.96	-	37.63	11.27	35.14
AV	15.72808G	44.65	54.00	-9.35	30.93	3	Vertical	34	2.96	-	37.59	11.28	35.15

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5240MHz_TX



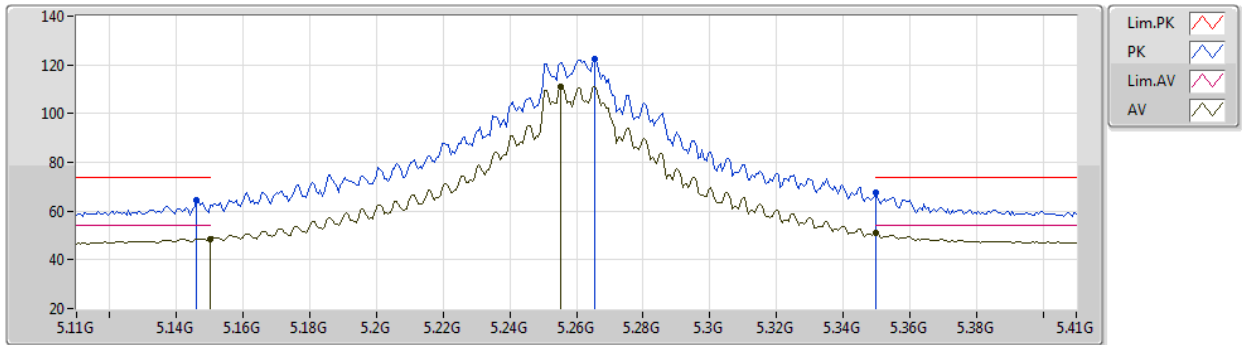
EUT Y_4TX
Setting 110
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.47864G	60.15	68.20	-8.05	47.19	3	Horizontal	310	2.14	-	38.16	9.67	34.87
PK	15.71192G	58.16	74.00	-15.84	44.38	3	Horizontal	312	1.80	-	37.65	11.27	35.14
AV	15.7208G	44.71	54.00	-9.29	30.96	3	Horizontal	312	1.80	-	37.62	11.27	35.14

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5260MHz_TX



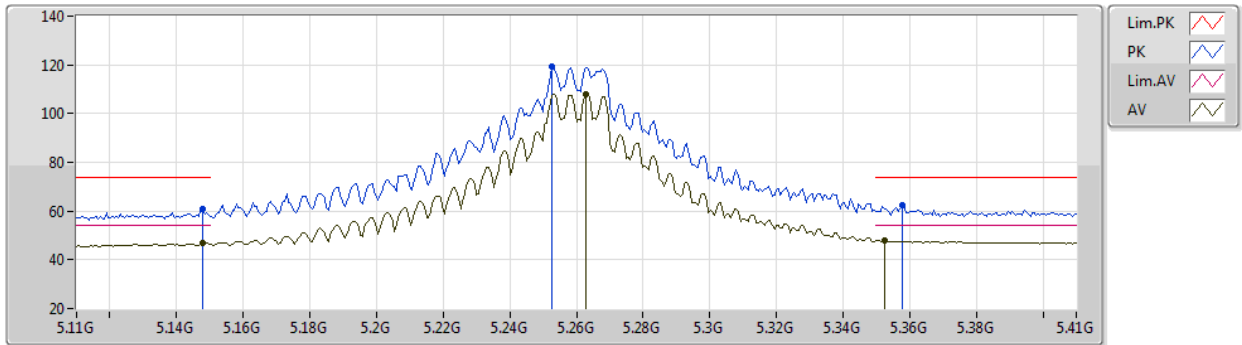
EUT Y_4TX
Setting 110
03-C-O-1-10

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	64.56	74.00	-9.44	59.24	3	Vertical	308	1.44	-	33.90	6.75	35.33
AV	5.15G	48.65	54.00	-5.35	43.33	3	Vertical	308	1.44	-	33.90	6.75	35.33
PK	5.2654G	122.27	Inf	-Inf	116.48	3	Vertical	308	1.44	-	34.06	6.93	35.20
AV	5.2552G	111.17	Inf	-Inf	105.45	3	Vertical	308	1.44	-	34.02	6.91	35.21
PK	5.35G	67.42	74.00	-6.58	61.03	3	Vertical	308	1.44	-	34.40	7.10	35.11
AV	5.35G	50.83	54.00	-3.17	44.44	3	Vertical	308	1.44	-	34.40	7.10	35.11

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5260MHz_TX



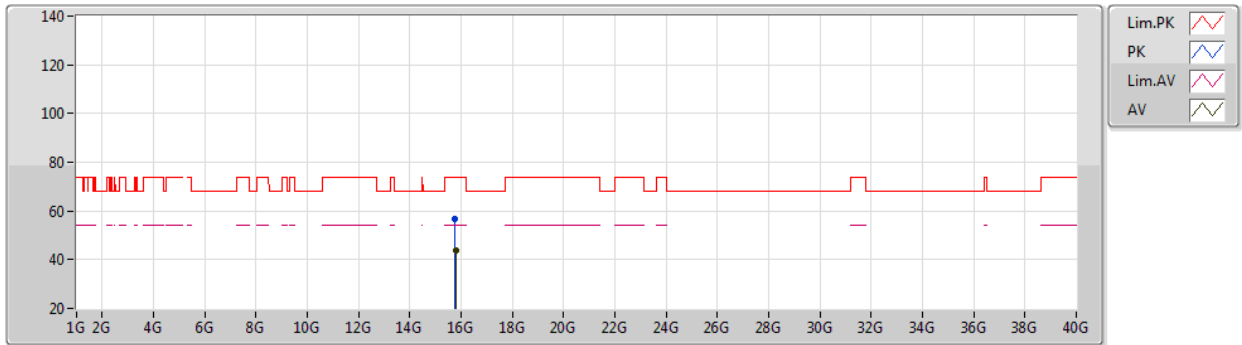
EUT Y_4TX
Setting 110
03-C-O-1-10

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	5.1478G	60.62	74.00	-13.38	55.30	3	Horizontal	288	2.21	-	33.90	6.75	35.33
AV	5.1478G	46.85	54.00	-7.15	41.53	3	Horizontal	288	2.21	-	33.90	6.75	35.33
PK	5.2528G	119.49	Inf	-Inf	113.79	3	Horizontal	288	2.21	-	34.01	6.91	35.22
AV	5.263G	108.11	Inf	-Inf	102.34	3	Horizontal	288	2.21	-	34.05	6.93	35.21
PK	5.3578G	62.32	74.00	-11.68	55.92	3	Horizontal	288	2.21	-	34.38	7.12	35.10
AV	5.3524G	47.92	54.00	-6.08	41.53	3	Horizontal	288	2.21	-	34.40	7.10	35.11

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5260MHz_TX



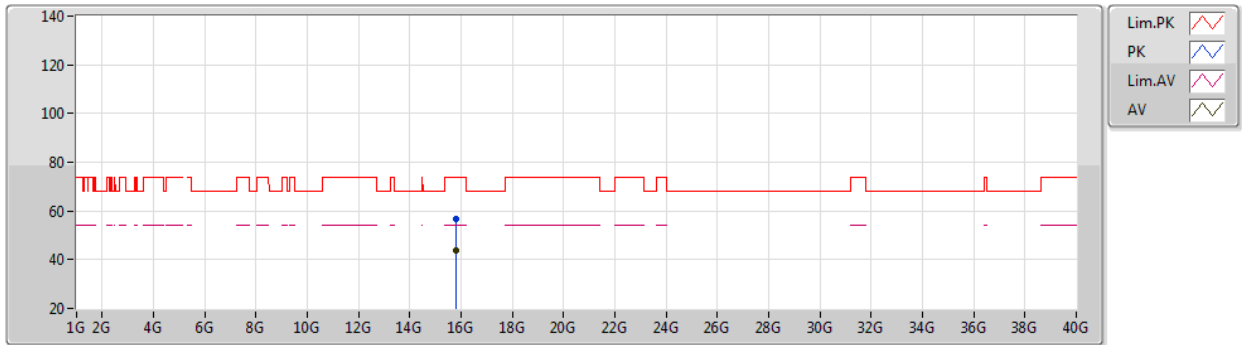
EUT_V_4TX
Setting 110
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.77088G	56.65	74.00	-17.35	43.10	3	Vertical	47	2.37	-	37.42	11.30	35.17
AV	15.78956G	43.84	54.00	-10.16	30.38	3	Vertical	47	2.37	-	37.34	11.31	35.19

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5260MHz_TX



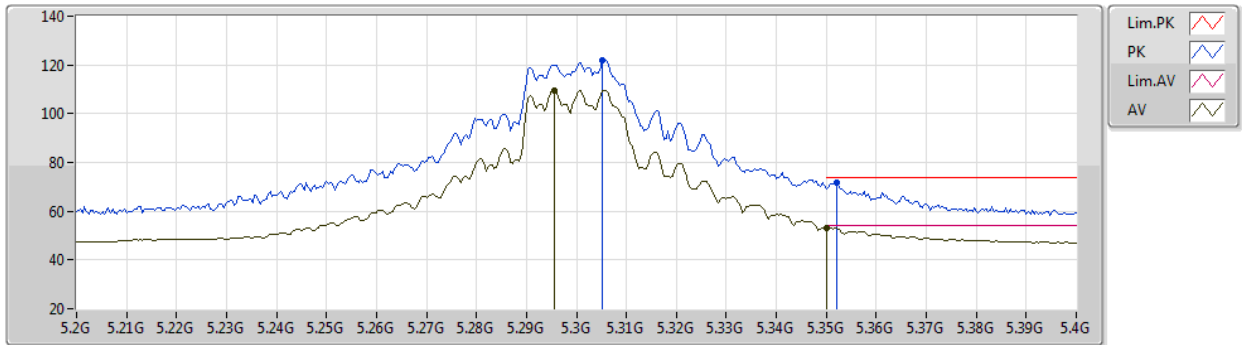
EUT Y_4TX
Setting 110
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.78736G	56.79	74.00	-17.21	43.32	3	Horizontal	165	2.88	-	37.35	11.30	35.18
AV	15.78604G	43.81	54.00	-10.19	30.33	3	Horizontal	165	2.88	-	37.36	11.30	35.18

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5300MHz_TX



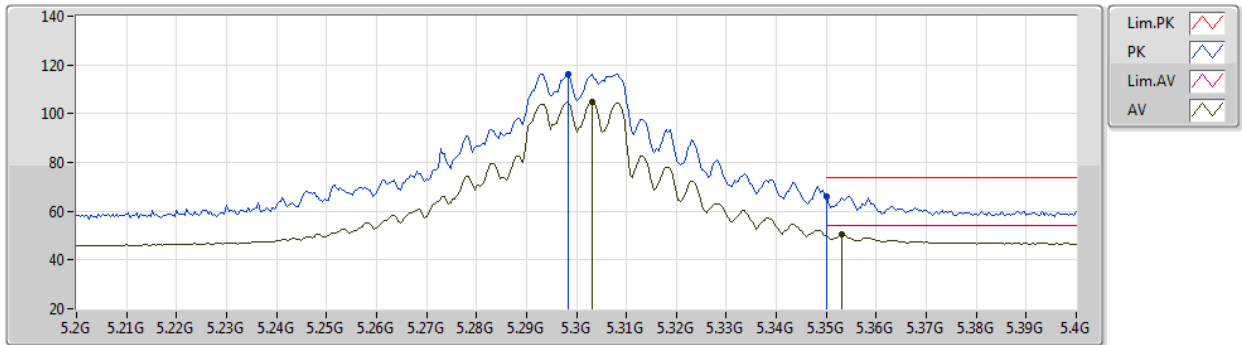
EUT Y_4TX
Setting 99
03-C-O-1-10

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	5.3052G	121.93	Inf	-Inf	115.86	3	Vertical	313	1.64	-	34.22	7.01	35.16
AV	5.2956G	109.66	Inf	-Inf	103.66	3	Vertical	313	1.64	-	34.18	6.99	35.17
PK	5.352G	71.73	74.00	-2.27	65.34	3	Vertical	313	1.64	-	34.40	7.10	35.11
AV	5.35G	53.30	54.00	-0.70	46.91	3	Vertical	313	1.64	-	34.40	7.10	35.11

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5300MHz_TX



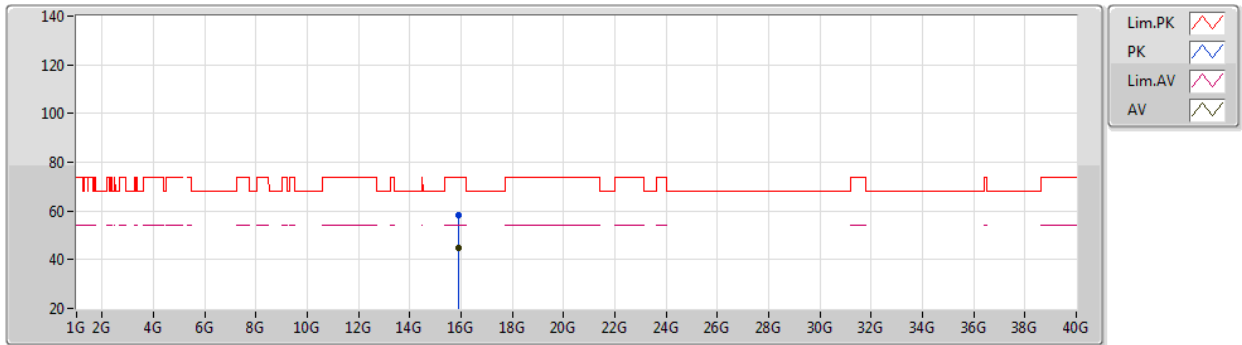
EUT Y_4TX
Setting 99
03-C-O-1-10

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	5.2984G	116.41	Inf	-Inf	110.39	3	Horizontal	288	2.33	-	34.19	7.00	35.17
AV	5.3032G	104.96	Inf	-Inf	98.90	3	Horizontal	288	2.33	-	34.21	7.01	35.16
PK	5.35G	65.99	74.00	-8.01	59.60	3	Horizontal	288	2.33	-	34.40	7.10	35.11
AV	5.3532G	50.27	54.00	-3.73	43.88	3	Horizontal	288	2.33	-	34.39	7.11	35.11

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5300MHz_TX



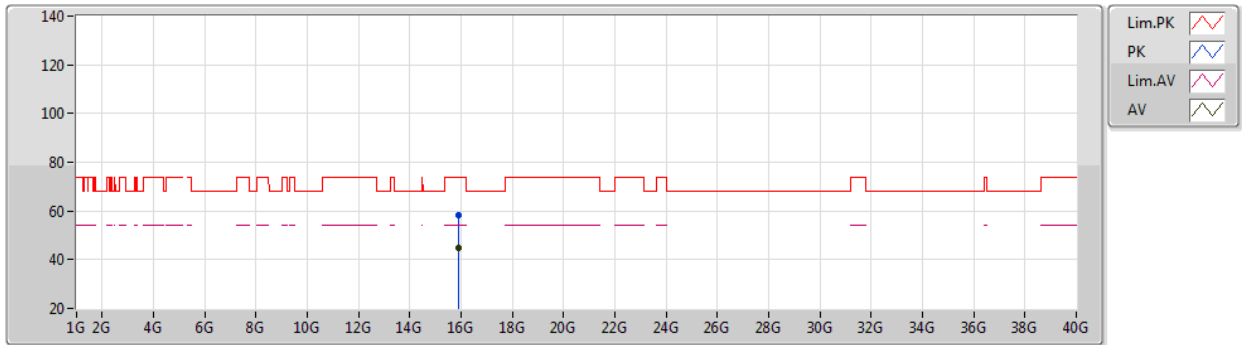
EUT Y_4TX
Setting 99
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.89108G	58.36	74.00	-15.64	44.78	3	Vertical	348	2.58	-	37.48	11.35	35.25
AV	15.90832G	44.78	54.00	-9.22	31.18	3	Vertical	348	2.58	-	37.50	11.36	35.26

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5300MHz_TX



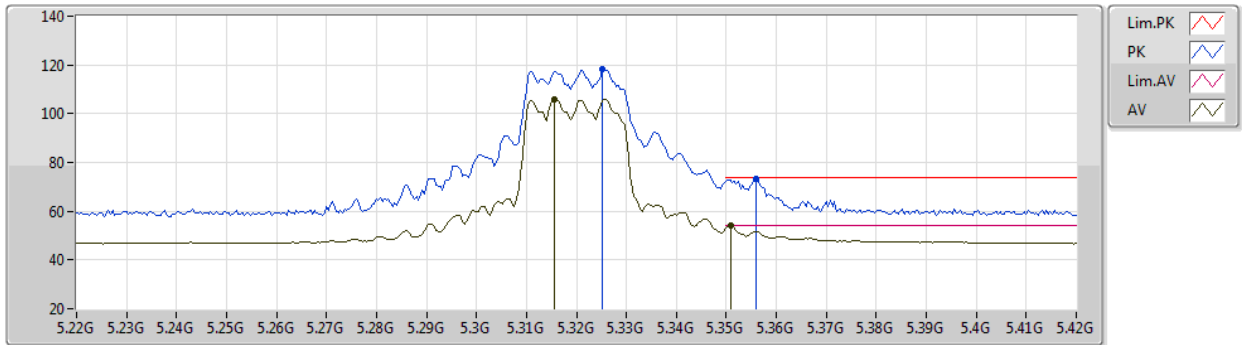
EUT Y_4TX
Setting 99
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.89808G	58.15	74.00	-15.85	44.55	3	Horizontal	279	1.87	-	37.50	11.35	35.25
AV	15.90452G	44.80	54.00	-9.20	31.20	3	Horizontal	279	1.87	-	37.50	11.36	35.26

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5320MHz_TX



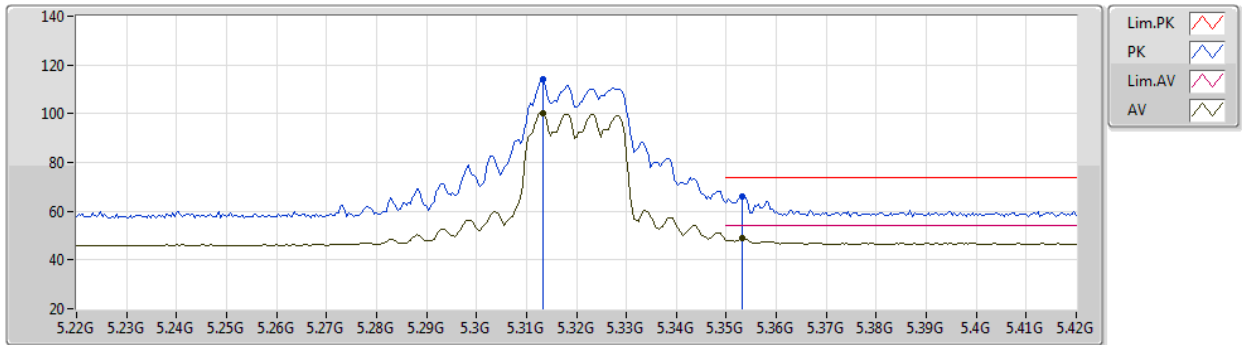
EUT Y_4TX
Setting 82
03-C-O-1-10

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	5.3252G	118.24	Inf	-Inf	112.03	3	Vertical	318	1.63	-	34.30	7.05	35.14	
AV	5.3156G	106.05	Inf	-Inf	99.91	3	Vertical	318	1.63	-	34.26	7.03	35.15	
PK	5.356G	73.15	74.00	-0.85	66.76	3	Vertical	318	1.63	-	34.39	7.11	35.11	
AV	5.3508G	53.94	54.00	-0.06	47.55	3	Vertical	318	1.63	-	34.40	7.10	35.11	

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5320MHz_TX



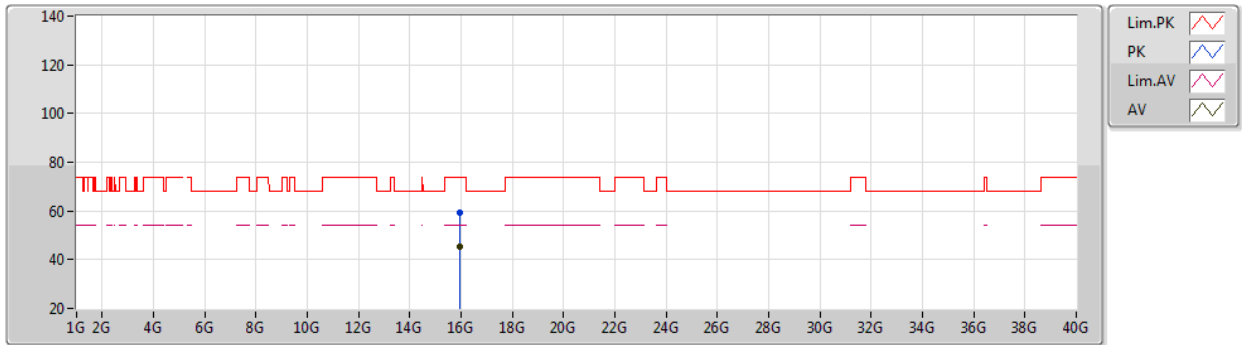
EUT Y_4TX
Setting 82
03-C-O-1-10

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	5.3132G	114.00	Inf	-Inf	107.87	3	Horizontal	289	2.33	-	34.25	7.03	35.15
AV	5.3132G	100.41	Inf	-Inf	94.28	3	Horizontal	289	2.33	-	34.25	7.03	35.15
PK	5.3532G	66.27	74.00	-7.73	59.88	3	Horizontal	289	2.33	-	34.39	7.11	35.11
AV	5.3532G	48.99	54.00	-5.01	42.60	3	Horizontal	289	2.33	-	34.39	7.11	35.11

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5320MHz_TX



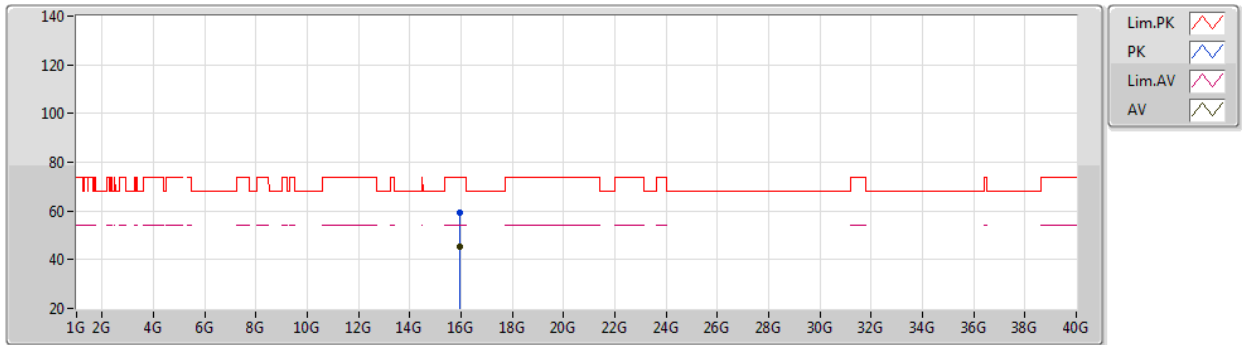
EUT Y_4TX
Setting 82
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.9534G	59.50	74.00	-14.50	45.91	3	Vertical	319	2.42	-	37.50	11.38	35.29
AV	15.9634G	45.59	54.00	-8.41	32.01	3	Vertical	319	2.42	-	37.50	11.38	35.30

802.11ax HEW20_Nss1,(MCS0)_4TX

01/08/2020

5320MHz_TX



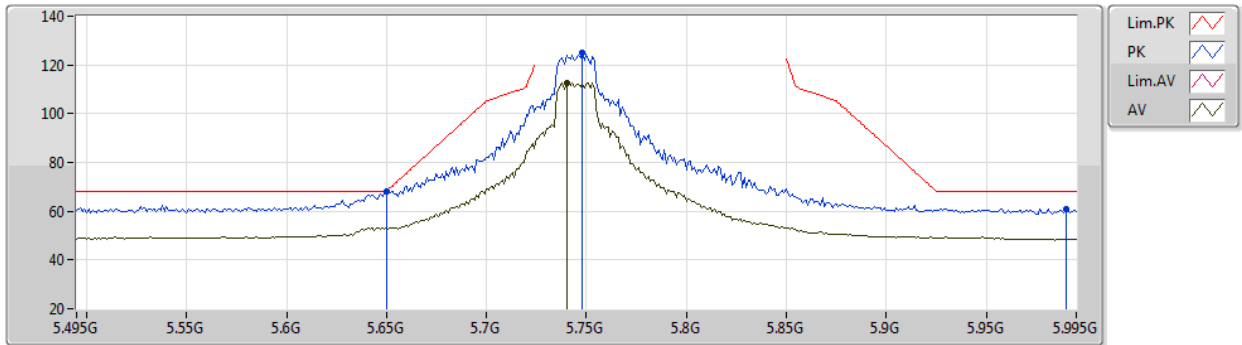
EUT Y_4TX
Setting 82
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.95996G	59.21	74.00	-14.79	45.62	3	Horizontal	35	1.32	-	37.50	11.38	35.29
AV	15.96624G	45.56	54.00	-8.44	31.98	3	Horizontal	35	1.32	-	37.50	11.38	35.30

802.11ax HEW20_Nss1,(MCS0)_2TX

01/08/2020

5745MHz_TX



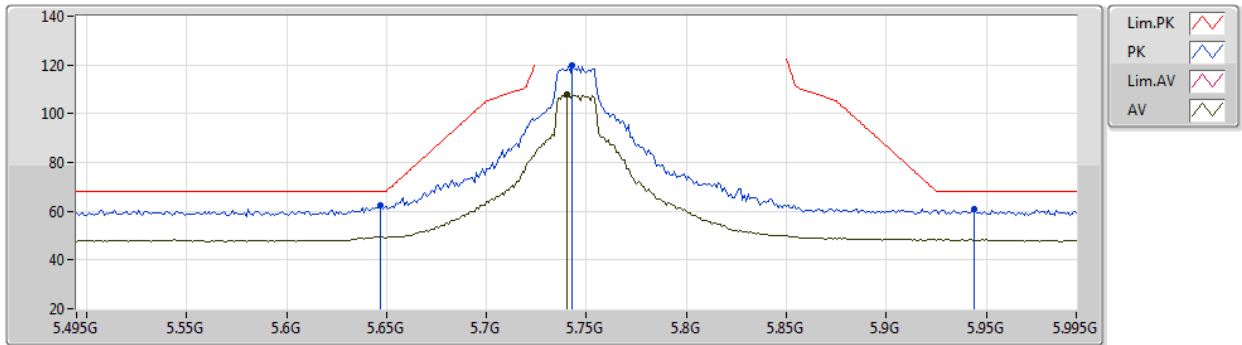
EUT Y_2TX
Setting 108
06-F-J-5-10

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	5.65G	68.17	68.20	-0.03	60.08	3	Vertical	259	1.56	-	34.05	5.84	31.80
PK	5.748G	124.78	Inf	-Inf	116.54	3	Vertical	259	1.56	-	34.05	5.94	31.75
AV	5.74G	112.79	Inf	-Inf	104.57	3	Vertical	259	1.56	-	34.04	5.93	31.75
PK	5.99G	61.11	68.20	-7.09	52.34	3	Vertical	259	1.56	-	34.49	5.91	31.63

802.11ax HEW20_Nss1,(MCS0)_2TX

01/08/2020

5745MHz_TX



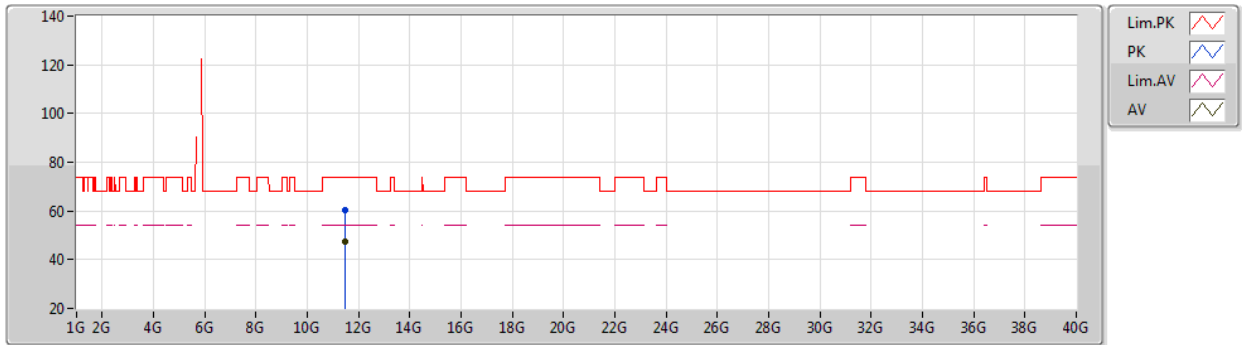
EUT Y_2TX
Setting 108
06-F-J-5-10

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	5.647G	62.44	68.20	-5.76	54.35	3	Horizontal	314	2.44	-	34.05	5.84	31.80
PK	5.743G	119.57	Inf	-Inf	111.34	3	Horizontal	314	2.44	-	34.04	5.94	31.75
AV	5.74G	107.69	Inf	-Inf	99.47	3	Horizontal	314	2.44	-	34.04	5.93	31.75
PK	5.944G	60.67	68.20	-7.53	51.95	3	Horizontal	314	2.44	-	34.44	5.93	31.65

802.11ax HEW20_Nss1,(MCS0)_2TX

01/08/2020

5745MHz_TX



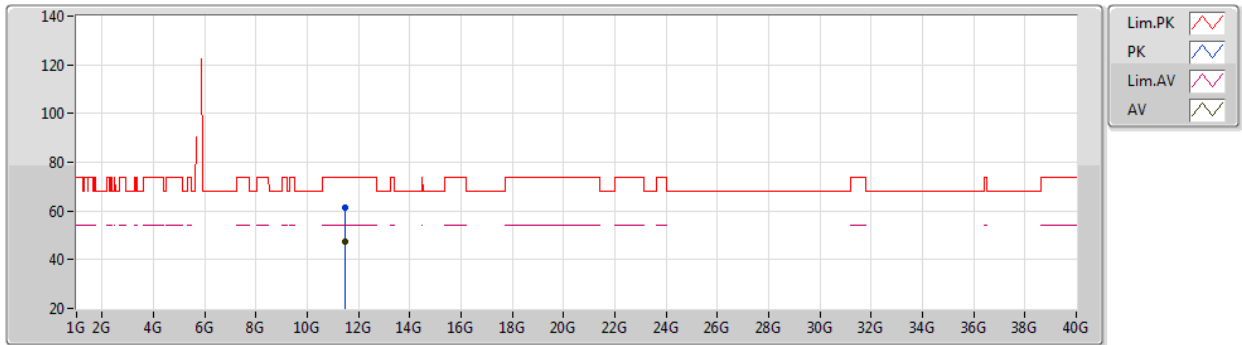
EUT Y_2TX
Setting 108
06-F-J-5

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	11.48888G	60.59	74.00	-13.41	45.00	3	Vertical	329	2.51	-	41.63	8.12	34.16
AV	11.48912G	47.49	54.00	-6.51	31.90	3	Vertical	329	2.51	-	41.63	8.12	34.16

802.11ax HEW20_Nss1,(MCS0)_2TX

01/08/2020

5745MHz_TX



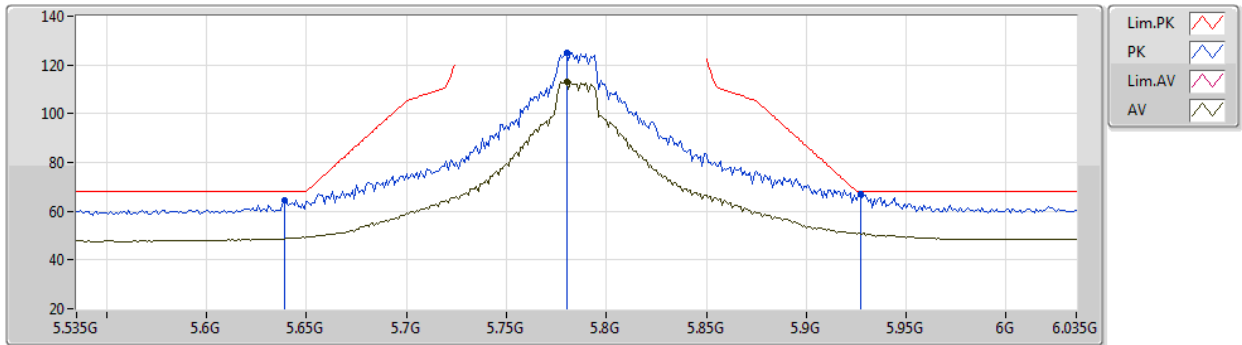
EUT Y_2TX
Setting 108
06-F-J-5

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	11.49824G	61.17	74.00	-12.83	45.56	3	Horizontal	214	2.85	-	41.65	8.12	34.16
AV	11.48856G	47.64	54.00	-6.36	32.05	3	Horizontal	214	2.85	-	41.63	8.12	34.16

802.11ax HEW20_Nss1,(MCS0)_2TX

01/08/2020

5785MHz_TX



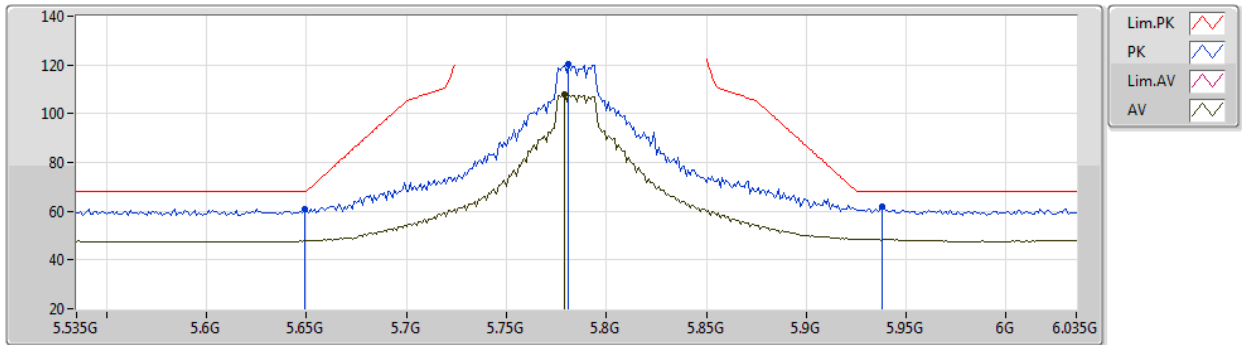
EUT Y_2TX
Setting 110
06-F-J-5-10

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	5.639G	64.40	68.20	-3.80	56.30	3	Vertical	287	1.78	-	34.06	5.84	31.80
PK	5.78G	125.07	Inf	-Inf	116.75	3	Vertical	287	1.78	-	34.08	5.98	31.74
AV	5.78G	113.21	Inf	-Inf	104.89	3	Vertical	287	1.78	-	34.08	5.98	31.74
PK	5.927G	67.02	68.20	-1.18	58.31	3	Vertical	287	1.78	-	34.43	5.94	31.66

802.11ax HEW20_Nss1,(MCS0)_2TX

01/08/2020

5785MHz_TX



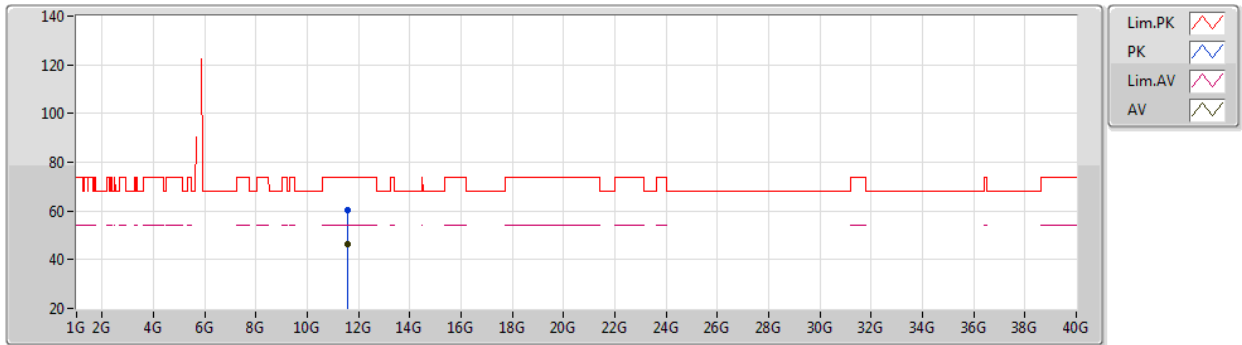
EUT Y_2TX
Setting 110
06-F-J-5-10

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	5.649G	60.95	68.20	-7.25	52.86	3	Horizontal	324	1.62	-	34.05	5.84	31.80
PK	5.781G	120.24	Inf	-Inf	111.92	3	Horizontal	324	1.62	-	34.08	5.98	31.74
AV	5.779G	107.86	Inf	-Inf	99.54	3	Horizontal	324	1.62	-	34.08	5.98	31.74
PK	5.938G	62.02	68.20	-6.18	53.30	3	Horizontal	324	1.62	-	34.44	5.93	31.65

802.11ax HEW20_Nss1,(MCS0)_2TX

01/08/2020

5785MHz_TX



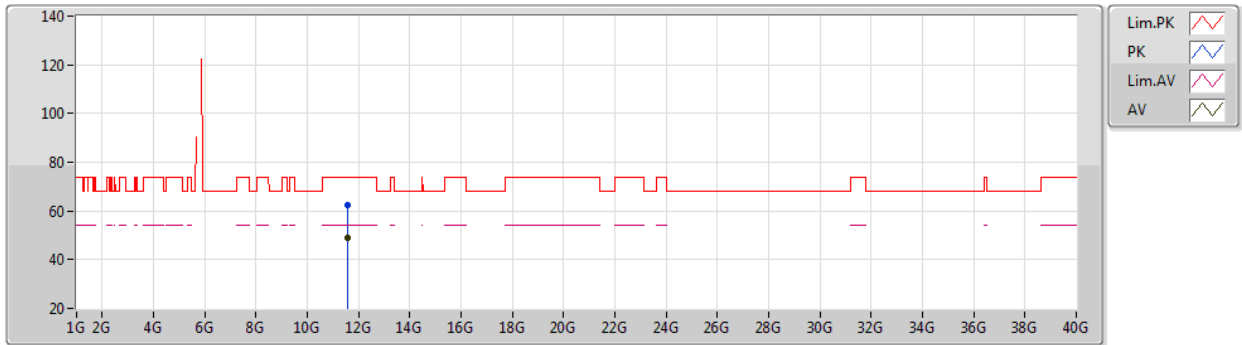
EUT Y_2TX
Setting 110
06-F-J-5

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	11.56816G	60.43	74.00	-13.57	44.66	3	Vertical	215	2.24	-	41.79	8.15	34.17
AV	11.56848G	46.52	54.00	-7.48	30.75	3	Vertical	215	2.24	-	41.79	8.15	34.17

802.11ax HEW20_Nss1,(MCS0)_2TX

01/08/2020

5785MHz_TX



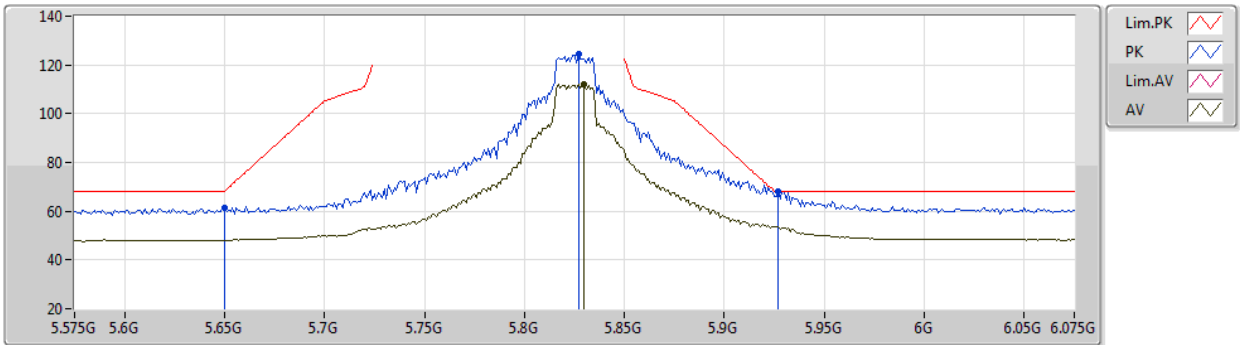
EUT Y_2TX
Setting 110
06-F-J-5

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	11.56544G	62.41	74.00	-11.59	46.64	3	Horizontal	36	2.91	-	41.79	8.15	34.17
AV	11.56848G	49.17	54.00	-4.83	33.40	3	Horizontal	36	2.91	-	41.79	8.15	34.17

802.11ax HEW20_Nss1,(MCS0)_2TX

01/08/2020

5825MHz_TX



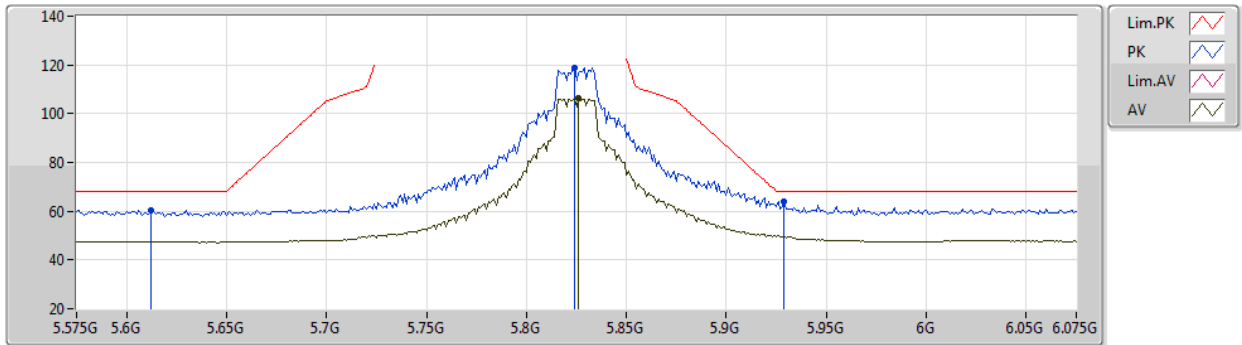
EUT Y_2TX
Setting 107
06-F-J-5-10

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	5.65G	61.19	68.20	-7.01	53.10	3	Vertical	284	1.65	-	34.05	5.84	31.80
PK	5.827G	124.51	Inf	-Inf	116.05	3	Vertical	284	1.65	-	34.18	5.99	31.71
AV	5.83G	111.98	Inf	-Inf	103.51	3	Vertical	284	1.65	-	34.19	5.99	31.71
PK	5.927G	68.08	68.20	-0.12	59.37	3	Vertical	284	1.65	-	34.43	5.94	31.66

802.11ax HEW20_Nss1,(MCS0)_2TX

01/08/2020

5825MHz_TX



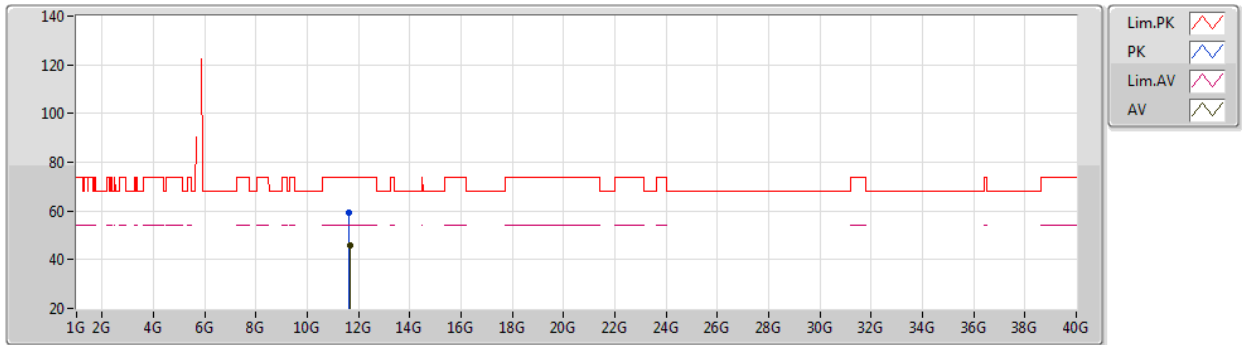
EUT Y_2TX
Setting 107
06-F-J-5-10

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	5.612G	60.24	68.20	-7.96	52.15	3	Horizontal	327	1.68	-	34.09	5.81	31.81
PK	5.824G	119.01	Inf	-Inf	110.57	3	Horizontal	327	1.68	-	34.17	5.99	31.72
AV	5.826G	106.23	Inf	-Inf	97.77	3	Horizontal	327	1.68	-	34.18	5.99	31.71
PK	5.929G	63.82	68.20	-4.38	55.11	3	Horizontal	327	1.68	-	34.43	5.94	31.66

802.11ax HEW20_Nss1,(MCS0)_2TX

01/08/2020

5825MHz_TX



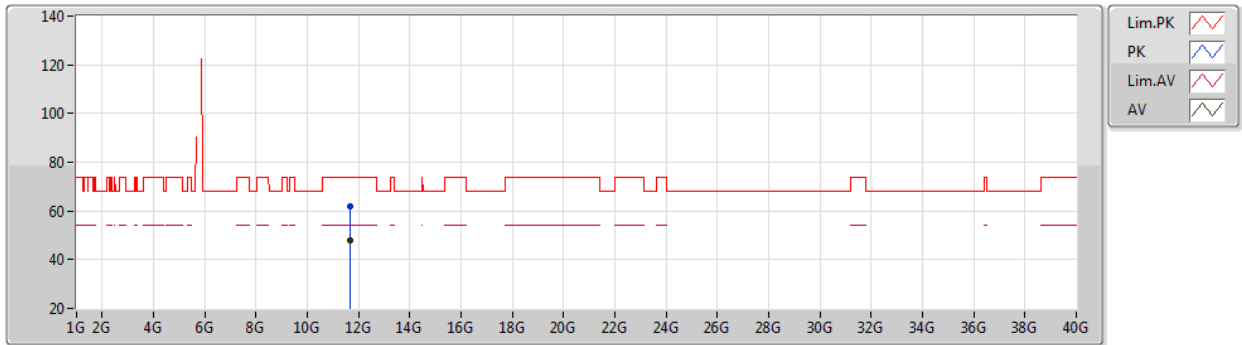
EUT Y_2TX
Setting 107
06-F-J-5

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	11.6432G	59.20	74.00	-14.80	43.24	3	Vertical	216	1.80	-	41.95	8.18	34.17
AV	11.65048G	45.71	54.00	-8.29	29.73	3	Vertical	216	1.80	-	41.97	8.18	34.17

802.11ax HEW20_Nss1,(MCS0)_2TX

01/08/2020

5825MHz_TX



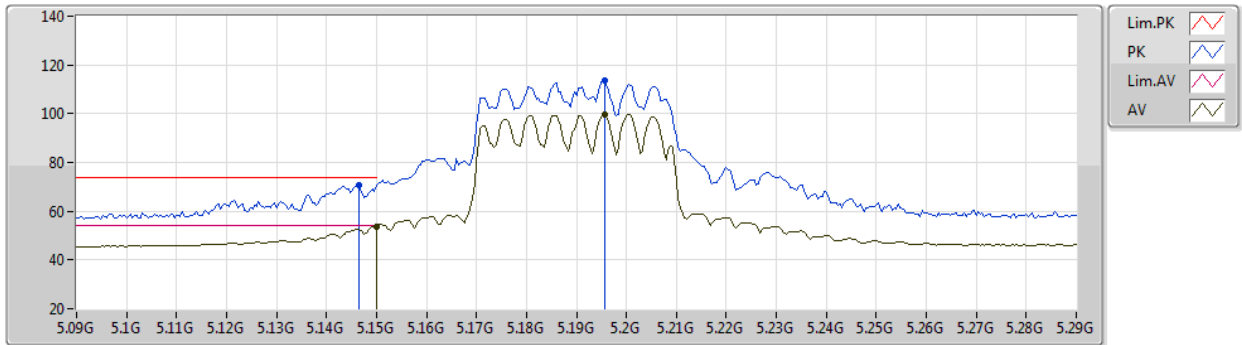
EUT Y_2TX
Setting 107
06-F-J-5

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	11.65144G	61.90	74.00	-12.10	45.92	3	Horizontal	34	2.89	-	41.97	8.18	34.17
AV	11.65136G	48.15	54.00	-5.85	32.17	3	Horizontal	34	2.89	-	41.97	8.18	34.17

802.11ax HEW40_Nss1,(MCS0)_4TX

01/08/2020

5190MHz_TX



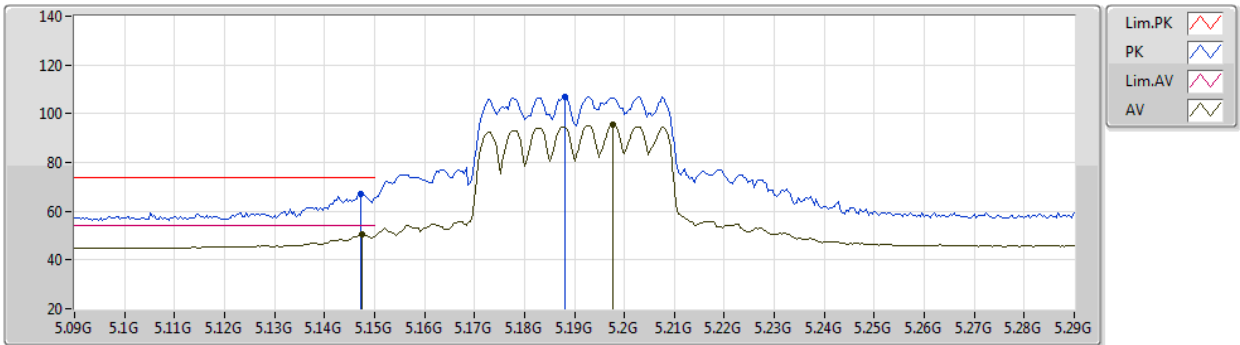
EUT Y_4TX
Setting 76
03-C-O-1-10

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	5.1464G	70.52	74.00	-3.48	65.20	3	Vertical	172	1.68	-	33.90	6.75	35.33
AV	5.15G	53.82	54.00	-0.18	48.50	3	Vertical	172	1.68	-	33.90	6.75	35.33
PK	5.1956G	113.72	Inf	-Inf	108.30	3	Vertical	172	1.68	-	33.90	6.80	35.28
AV	5.1956G	99.74	Inf	-Inf	94.32	3	Vertical	172	1.68	-	33.90	6.80	35.28

802.11ax HEW40_Nss1,(MCS0)_4TX

01/08/2020

5190MHz_TX



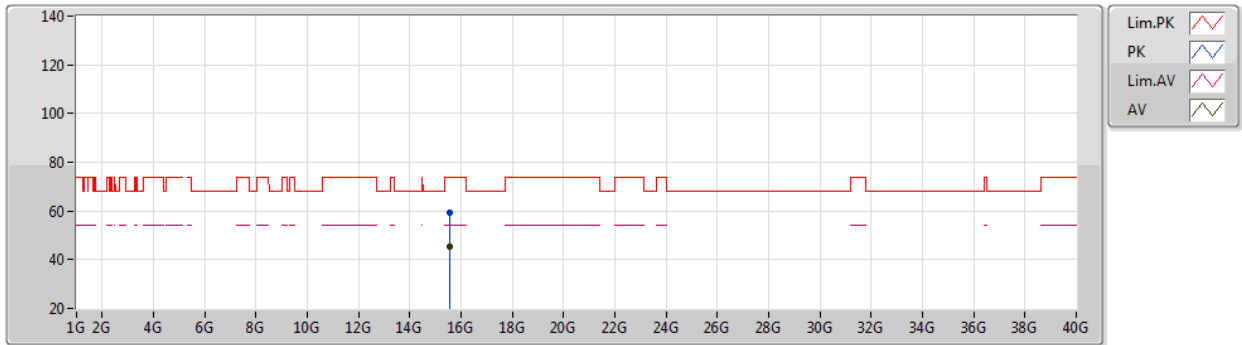
EUT Y_4TX
Setting 76
03-C-O-1-10

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	5.1472G	67.11	74.00	-6.89	61.79	3	Horizontal	295	2.46	-	33.90	6.75	35.33
AV	5.1476G	50.40	54.00	-3.60	45.08	3	Horizontal	295	2.46	-	33.90	6.75	35.33
PK	5.188G	107.07	Inf	-Inf	101.67	3	Horizontal	295	2.46	-	33.90	6.79	35.29
AV	5.1976G	95.30	Inf	-Inf	89.88	3	Horizontal	295	2.46	-	33.90	6.80	35.28

802.11ax HEW40_Nss1,(MCS0)_4TX

01/08/2020

5190MHz_TX



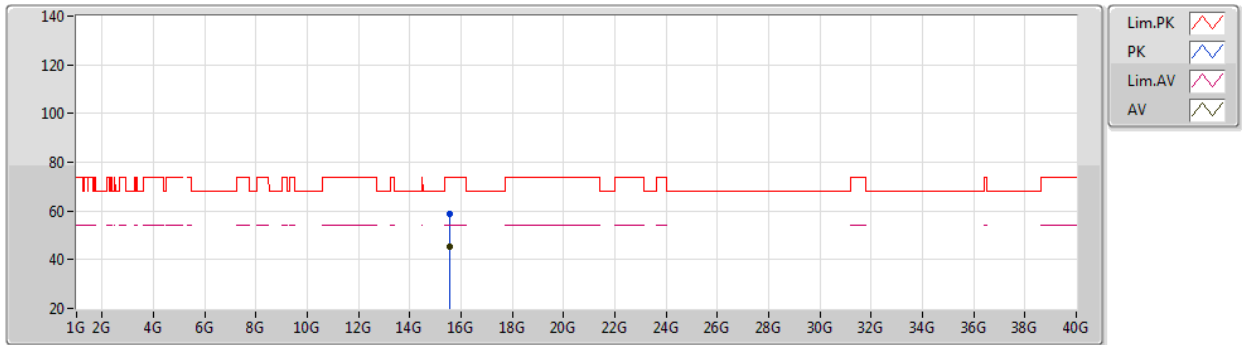
EUT Y_4TX
Setting 76
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.56264G	59.29	74.00	-14.71	45.16	3	Vertical	58	1.05	-	37.97	11.20	35.04
AV	15.57904G	45.29	54.00	-8.71	31.19	3	Vertical	58	1.05	-	37.94	11.21	35.05

802.11ax HEW40_Nss1,(MCS0)_4TX

01/08/2020

5190MHz_TX



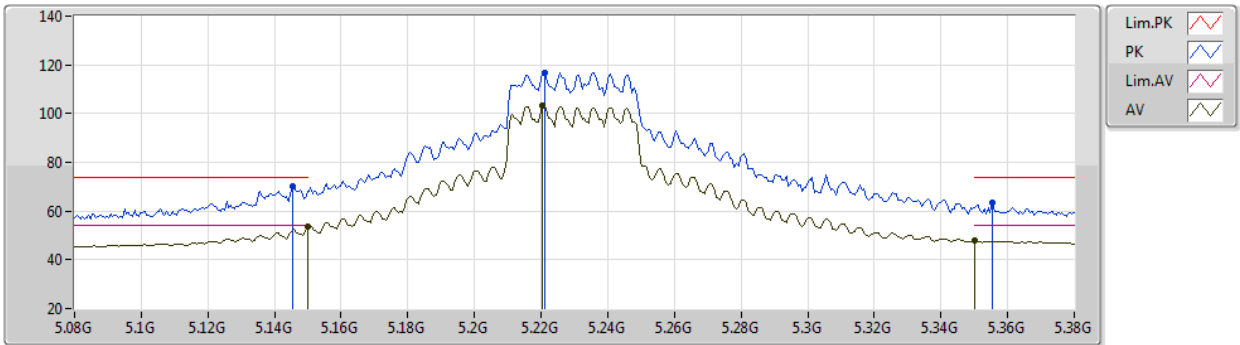
EUT Y_4TX
Setting 76
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.5798G	58.72	74.00	-15.28	44.62	3	Horizontal	284	2.80	-	37.94	11.21	35.05
AV	15.56188G	45.47	54.00	-8.53	31.33	3	Horizontal	284	2.80	-	37.98	11.20	35.04

802.11ax HEW40_Nss1,(MCS0)_4TX

01/08/2020

5230MHz_TX



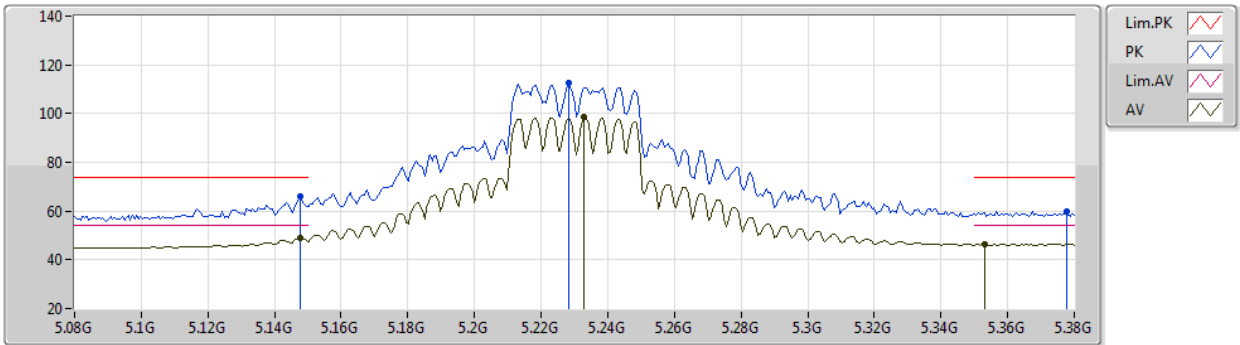
EUT Y_4TX
Setting 93
03-C-O-1-10

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	5.1454G	70.02	74.00	-3.98	64.70	3	Vertical	314	1.50	-	33.90	6.75	35.33
AV	5.15G	53.66	54.00	-0.34	48.34	3	Vertical	314	1.50	-	33.90	6.75	35.33
PK	5.221G	116.79	Inf	-Inf	111.26	3	Vertical	314	1.50	-	33.94	6.84	35.25
AV	5.2204G	103.08	Inf	-Inf	97.55	3	Vertical	314	1.50	-	33.94	6.84	35.25
PK	5.3554G	63.47	74.00	-10.53	57.08	3	Vertical	314	1.50	-	34.39	7.11	35.11
AV	5.35G	47.85	54.00	-6.15	41.46	3	Vertical	314	1.50	-	34.40	7.10	35.11

802.11ax HEW40_Nss1,(MCS0)_4TX

01/08/2020

5230MHz_TX



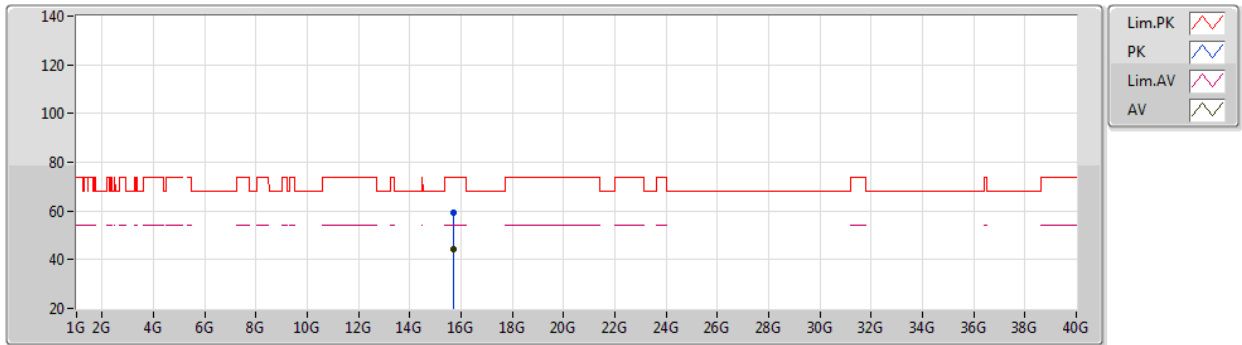
EUT Y_4TX
Setting 93
03-C-O-1-10

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	5.1478G	65.89	74.00	-8.11	60.57	3	Horizontal	290	2.46	-	33.90	6.75	35.33
AV	5.1478G	49.03	54.00	-4.97	43.71	3	Horizontal	290	2.46	-	33.90	6.75	35.33
PK	5.2282G	112.82	Inf	-Inf	107.24	3	Horizontal	290	2.46	-	33.96	6.86	35.24
AV	5.233G	98.39	Inf	-Inf	92.79	3	Horizontal	290	2.46	-	33.97	6.87	35.24
PK	5.3776G	59.81	74.00	-14.19	53.39	3	Horizontal	290	2.46	-	34.34	7.16	35.08
AV	5.353G	46.28	54.00	-7.72	39.89	3	Horizontal	290	2.46	-	34.39	7.11	35.11

802.11ax HEW40_Nss1,(MCS0)_4TX

01/08/2020

5230MHz_TX



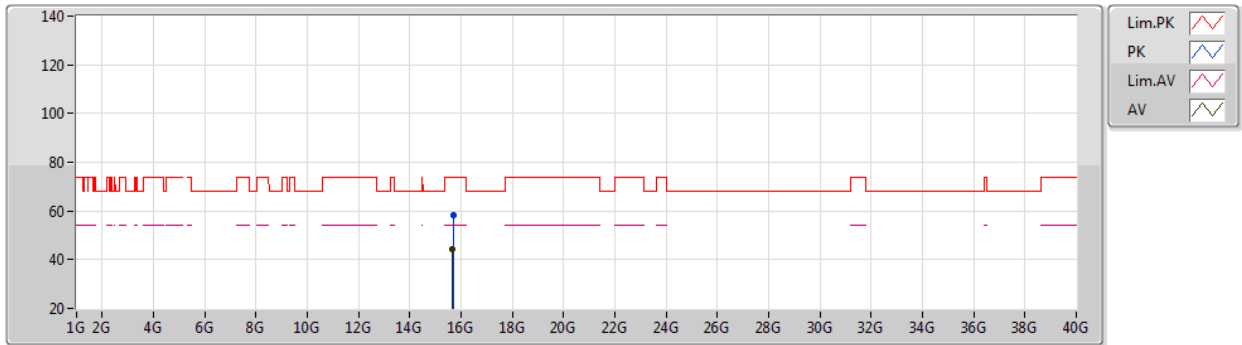
EUT Y_4TX
Setting 93
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.6826G	59.08	74.00	-14.92	45.21	3	Vertical	313	2.33	-	37.73	11.26	35.12
AV	15.68136G	44.11	54.00	-9.89	30.23	3	Vertical	313	2.33	-	37.74	11.26	35.12

802.11ax HEW40_Nss1,(MCS0)_4TX

01/08/2020

5230MHz_TX



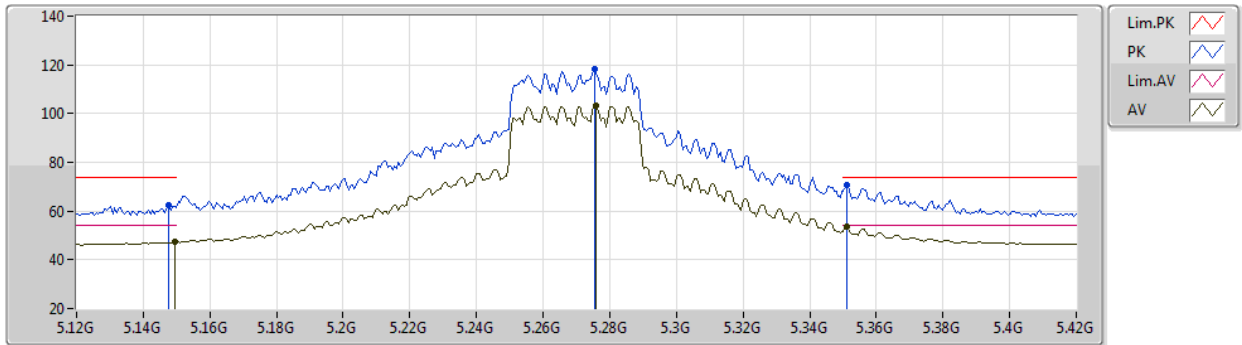
EUT Y_4TX
Setting 93
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.68228G	58.14	74.00	-15.86	44.26	3	Horizontal	94	2.72	-	37.74	11.26	35.12
AV	15.68012G	44.19	54.00	-9.81	30.31	3	Horizontal	94	2.72	-	37.74	11.26	35.12

802.11ax HEW40_Nss1,(MCS0)_4TX

01/08/2020

5270MHz_TX



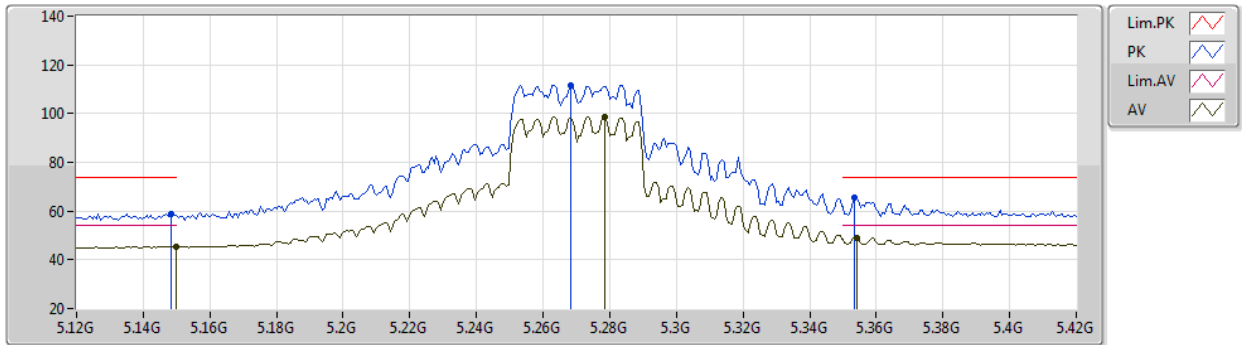
EUT Y_4TX
Setting 91
03-C-O-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1476G	62.20	74.00	-11.80	56.88	3	Vertical	311	1.74	-	33.90	6.75	35.33
AV	5.1494G	47.62	54.00	-6.38	42.30	3	Vertical	311	1.74	-	33.90	6.75	35.33
PK	5.2754G	118.04	Inf	-Inf	112.18	3	Vertical	311	1.74	-	34.10	6.95	35.19
AV	5.276G	103.39	Inf	-Inf	97.53	3	Vertical	311	1.74	-	34.10	6.95	35.19
PK	5.351G	70.65	74.00	-3.35	64.26	3	Vertical	311	1.74	-	34.40	7.10	35.11
AV	5.351G	53.38	54.00	-0.62	46.99	3	Vertical	311	1.74	-	34.40	7.10	35.11

802.11ax HEW40_Nss1,(MCS0)_4TX

01/08/2020

5270MHz_TX



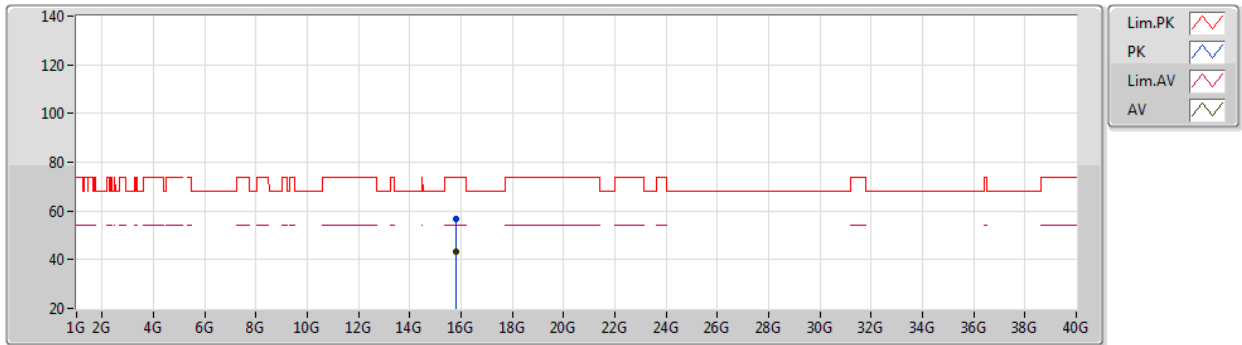
EUT Y_4TX
Setting 91
03-C-O-1-10

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	5.1482G	58.94	74.00	-15.06	53.62	3	Horizontal	293	2.29	-	33.90	6.75	35.33
AV	5.15G	45.33	54.00	-8.67	40.01	3	Horizontal	293	2.29	-	33.90	6.75	35.33
PK	5.2682G	111.74	Inf	-Inf	105.93	3	Horizontal	293	2.29	-	34.07	6.94	35.20
AV	5.2784G	98.78	Inf	-Inf	92.90	3	Horizontal	293	2.29	-	34.11	6.96	35.19
PK	5.3534G	65.39	74.00	-8.61	59.00	3	Horizontal	293	2.29	-	34.39	7.11	35.11
AV	5.354G	49.20	54.00	-4.80	42.81	3	Horizontal	293	2.29	-	34.39	7.11	35.11

802.11ax HEW40_Nss1,(MCS0)_4TX

01/08/2020

5270MHz_TX



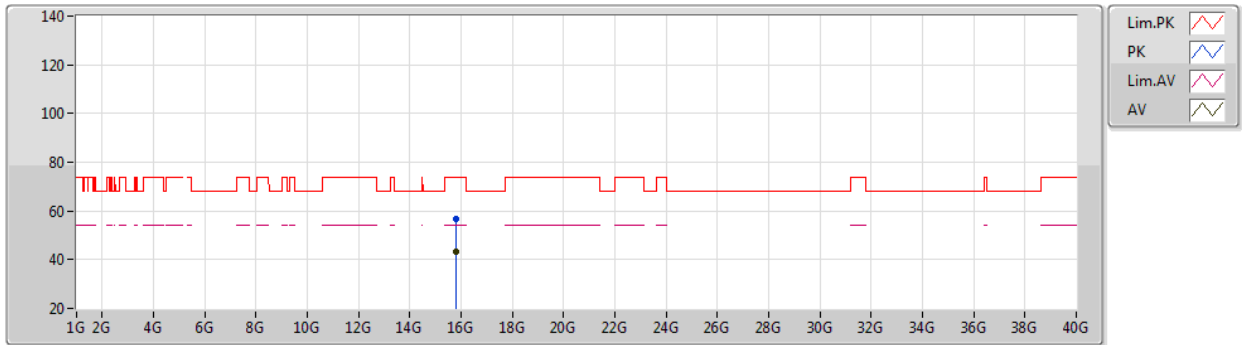
EUT Y_4TX
Setting 91
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.81116G	56.65	74.00	-17.35	43.21	3	Vertical	203	2.01	-	37.32	11.32	35.20
AV	15.802G	43.21	54.00	-10.79	29.79	3	Vertical	203	2.01	-	37.30	11.31	35.19

802.11ax HEW40_Nss1,(MCS0)_4TX

01/08/2020

5270MHz_TX



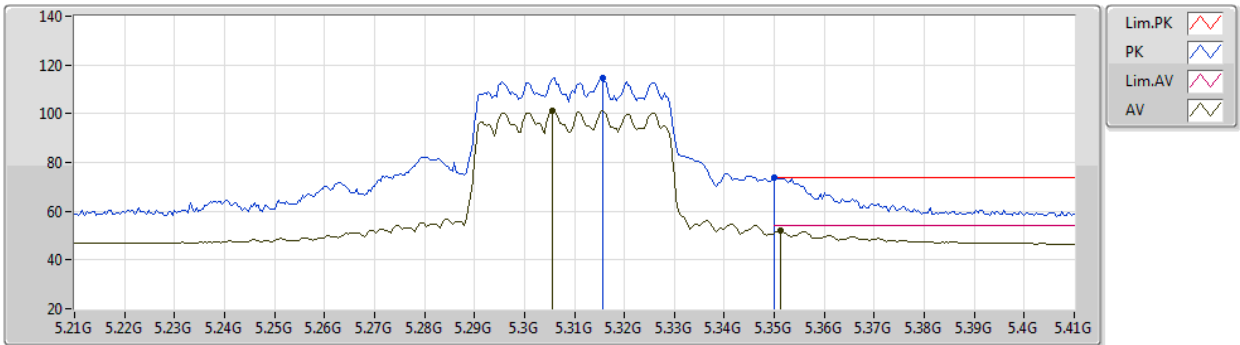
EUT Y_4TX
Setting 91
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.81936G	56.52	74.00	-17.48	43.06	3	Horizontal	91	1.37	-	37.34	11.32	35.20
AV	15.80792G	43.14	54.00	-10.86	29.71	3	Horizontal	91	1.37	-	37.32	11.31	35.20

802.11ax HEW40_Nss1,(MCS0)_4TX

01/08/2020

5310MHz_TX



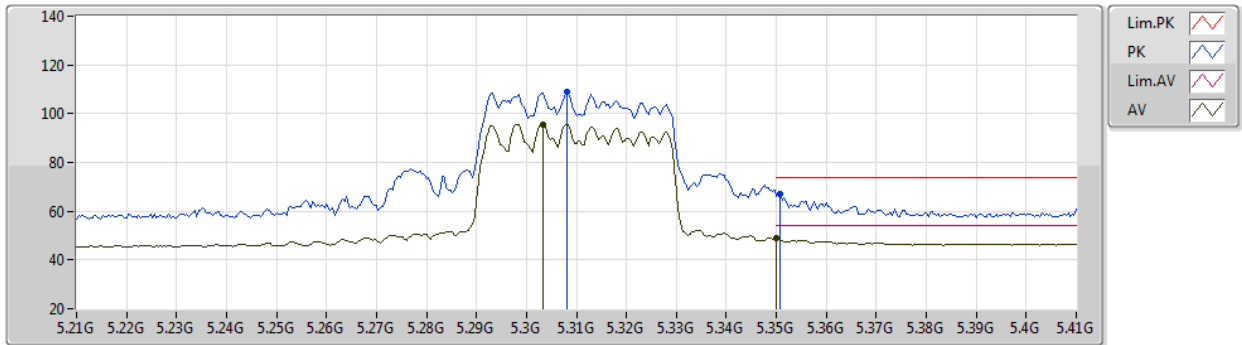
EUT Y_4TX
Setting 76
03-C-O-1-10

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	5.3156G	114.66	Inf	-Inf	108.52	3	Vertical	316	1.66	-	34.26	7.03	35.15
AV	5.3056G	101.18	Inf	-Inf	95.11	3	Vertical	316	1.66	-	34.22	7.01	35.16
PK	5.35G	73.60	74.00	-0.40	67.21	3	Vertical	316	1.66	-	34.40	7.10	35.11
AV	5.3512G	52.32	54.00	-1.68	45.93	3	Vertical	316	1.66	-	34.40	7.10	35.11

802.11ax HEW40_Nss1,(MCS0)_4TX

01/08/2020

5310MHz_TX



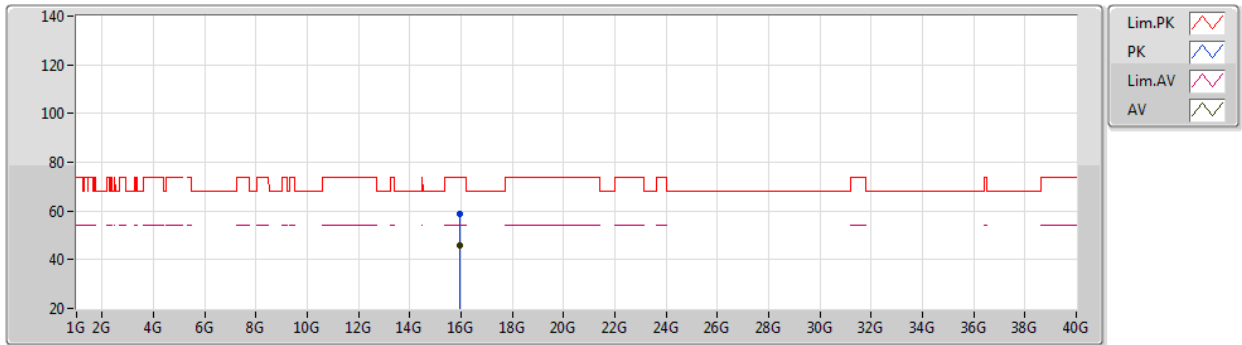
EUT Y_4TX
Setting 76
03-C-O-1-10

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	5.308G	109.08	Inf	-Inf	102.99	3	Horizontal	283	1.87	-	34.23	7.02	35.16
AV	5.3032G	95.75	Inf	-Inf	89.69	3	Horizontal	283	1.87	-	34.21	7.01	35.16
PK	5.3508G	66.99	74.00	-7.01	60.60	3	Horizontal	283	1.87	-	34.40	7.10	35.11
AV	5.35G	48.95	54.00	-5.05	42.56	3	Horizontal	283	1.87	-	34.40	7.10	35.11

802.11ax HEW40_Nss1,(MCS0)_4TX

01/08/2020

5310MHz_TX



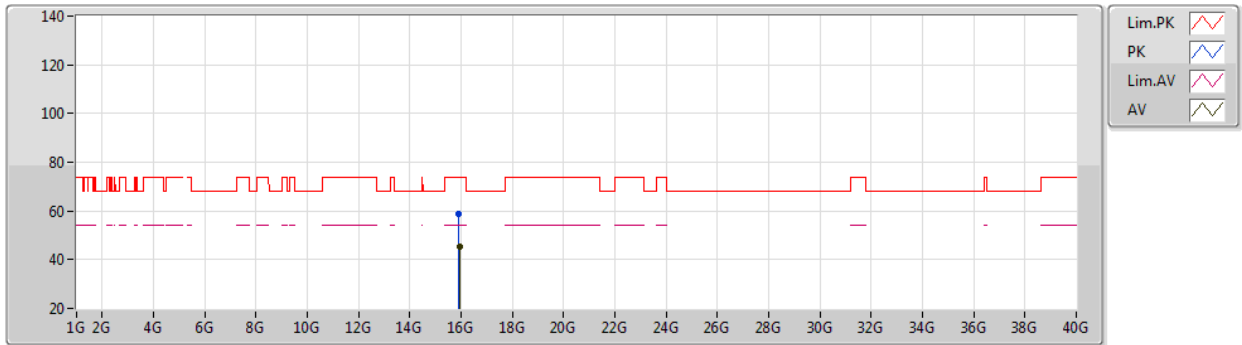
EUT Y_4TX
Setting 76
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.9366G	59.00	74.00	-15.00	45.41	3	Vertical	228	2.95	-	37.50	11.37	35.28
AV	15.9398G	45.63	54.00	-8.37	32.04	3	Vertical	228	2.95	-	37.50	11.37	35.28

802.11ax HEW40_Nss1,(MCS0)_4TX

01/08/2020

5310MHz_TX



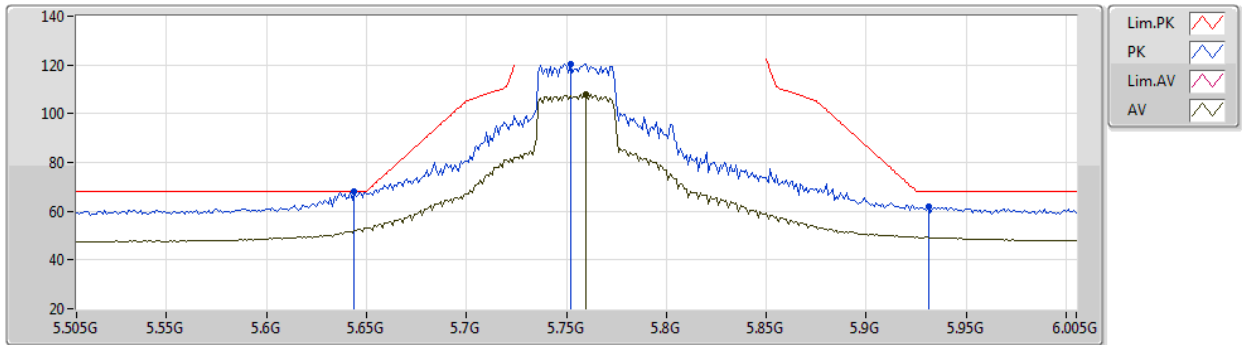
EUT Y_4TX
Setting 76
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.92452G	58.83	74.00	-15.17	45.23	3	Horizontal	146	1.64	-	37.50	11.37	35.27
AV	15.93892G	45.51	54.00	-8.49	31.92	3	Horizontal	146	1.64	-	37.50	11.37	35.28

802.11ax HEW40_Nss1,(MCS0)_2TX

01/08/2020

5755MHz_TX



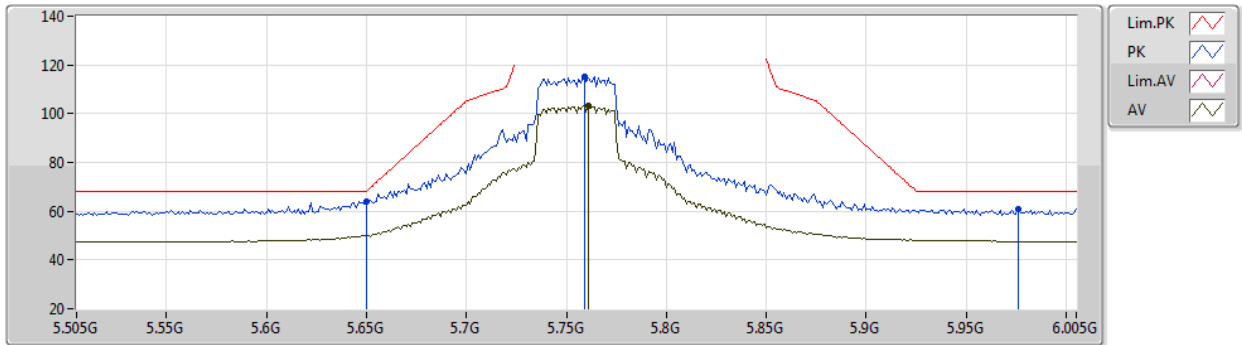
EUT Y_2TX
Setting 99
06-F-J-5-10

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	5.644G	68.07	68.20	-0.13	59.97	3	Vertical	284	2.00	-	34.06	5.84	31.80
PK	5.752G	120.37	Inf	-Inf	112.12	3	Vertical	284	2.00	-	34.05	5.95	31.75
AV	5.76G	108.04	Inf	-Inf	99.77	3	Vertical	284	2.00	-	34.06	5.96	31.75
PK	5.931G	61.65	68.20	-6.55	52.95	3	Vertical	284	2.00	-	34.43	5.93	31.66

802.11ax HEW40_Nss1,(MCS0)_2TX

01/08/2020

5755MHz_TX



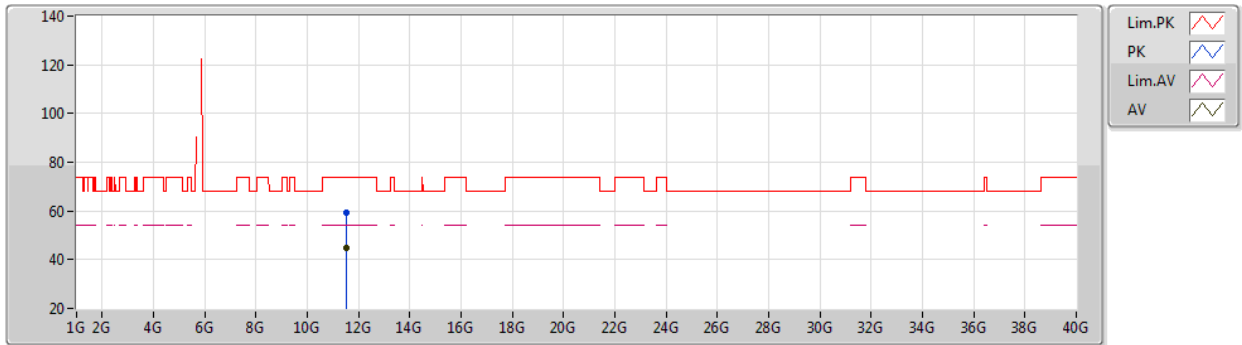
EUT Y_2TX
Setting 99
06-F-J-5-10

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	5.65G	63.99	68.20	-4.21	55.90	3	Horizontal	323	1.64	-	34.05	5.84	31.80
PK	5.759G	115.39	Inf	-Inf	107.13	3	Horizontal	323	1.64	-	34.06	5.95	31.75
AV	5.761G	103.08	Inf	-Inf	94.81	3	Horizontal	323	1.64	-	34.06	5.96	31.75
PK	5.976G	61.12	68.20	-7.08	52.37	3	Horizontal	323	1.64	-	34.48	5.91	31.64

802.11ax HEW40_Nss1,(MCS0)_2TX

01/08/2020

5755MHz_TX



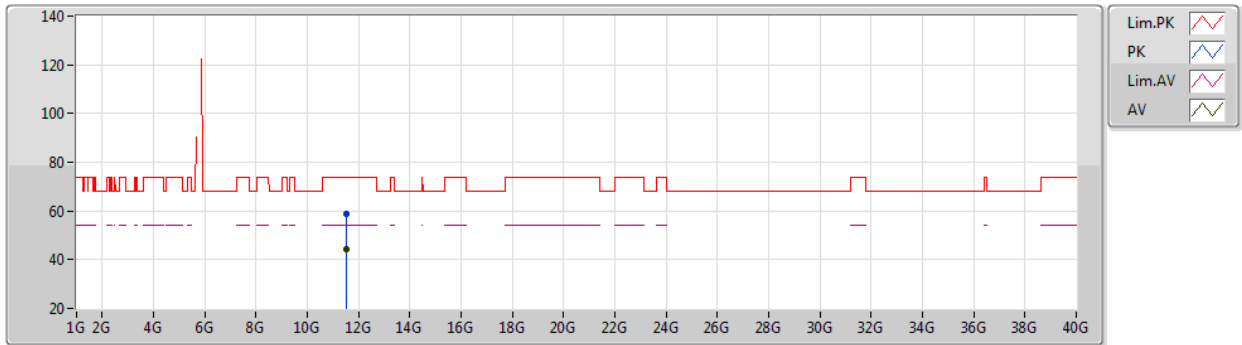
EUT Y_2TX
Setting 99
06-F-J-5

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	11.50768G	59.06	74.00	-14.94	43.43	3	Vertical	213	2.03	-	41.67	8.13	34.17
AV	11.50544G	44.71	54.00	-9.29	29.09	3	Vertical	213	2.03	-	41.66	8.13	34.17

802.11ax HEW40_Nss1,(MCS0)_2TX

01/08/2020

5755MHz_TX



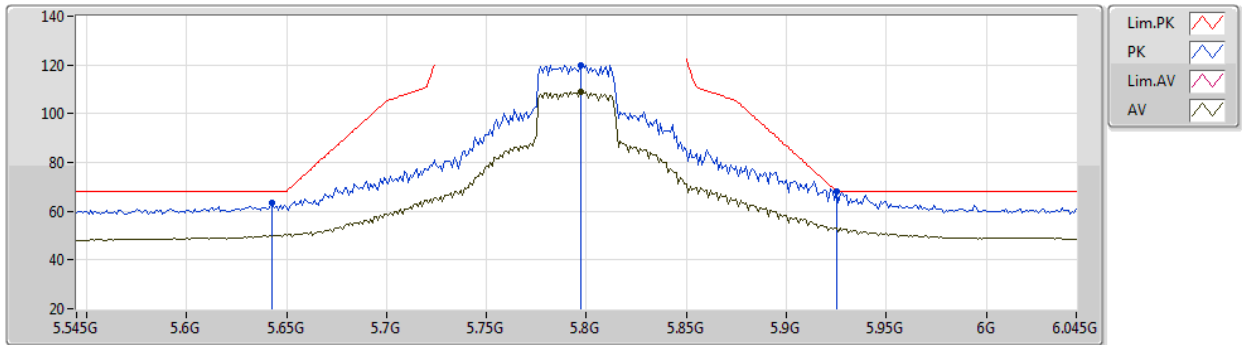
EUT Y_2TX
Setting 99
06-F-J-5

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	11.51096G	58.65	74.00	-15.35	43.02	3	Horizontal	9	1.80	-	41.67	8.13	34.17
AV	11.5084G	44.56	54.00	-9.44	28.93	3	Horizontal	9	1.80	-	41.67	8.13	34.17

802.11ax HEW40_Nss1,(MCS0)_2TX

01/08/2020

5795MHz_TX



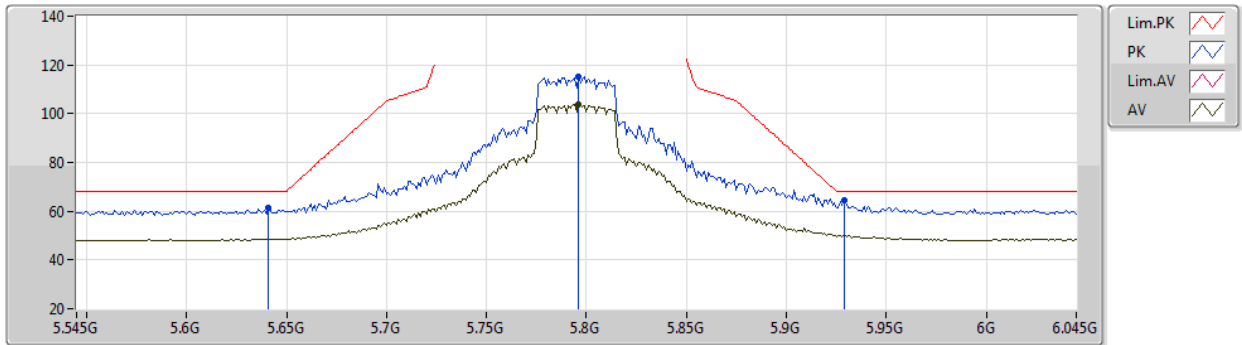
EUT Y_2TX
Setting 101
06-F-J-5-10

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	5.643G	63.30	68.20	-4.90	55.20	3	Vertical	282	1.99	-	34.06	5.84	31.80
PK	5.797G	119.93	Inf	-Inf	111.56	3	Vertical	282	1.99	-	34.10	6.00	31.73
AV	5.797G	108.95	Inf	-Inf	100.58	3	Vertical	282	1.99	-	34.10	6.00	31.73
PK	5.925G	68.13	68.20	-0.07	59.42	3	Vertical	282	1.99	-	34.43	5.94	31.66

802.11ax HEW40_Nss1,(MCS0)_2TX

01/08/2020

5795MHz_TX



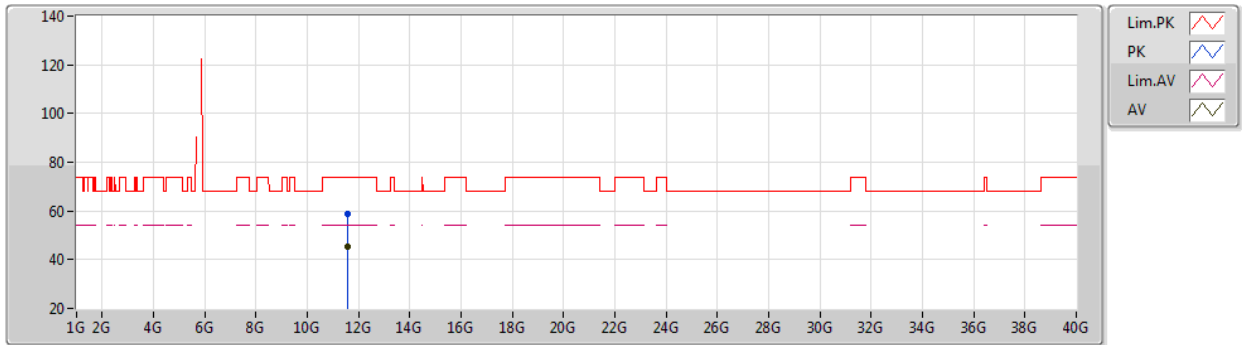
EUT Y_2TX
Setting 101
06-F-J-5-10

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	5.641G	61.29	68.20	-6.91	53.19	3	Horizontal	319	1.58	-	34.06	5.84	31.80
PK	5.796G	115.14	Inf	-Inf	106.77	3	Horizontal	319	1.58	-	34.10	6.00	31.73
AV	5.796G	103.63	Inf	-Inf	95.26	3	Horizontal	319	1.58	-	34.10	6.00	31.73
PK	5.929G	64.32	68.20	-3.88	55.61	3	Horizontal	319	1.58	-	34.43	5.94	31.66

802.11ax HEW40_Nss1,(MCS0)_2TX

01/08/2020

5795MHz_TX



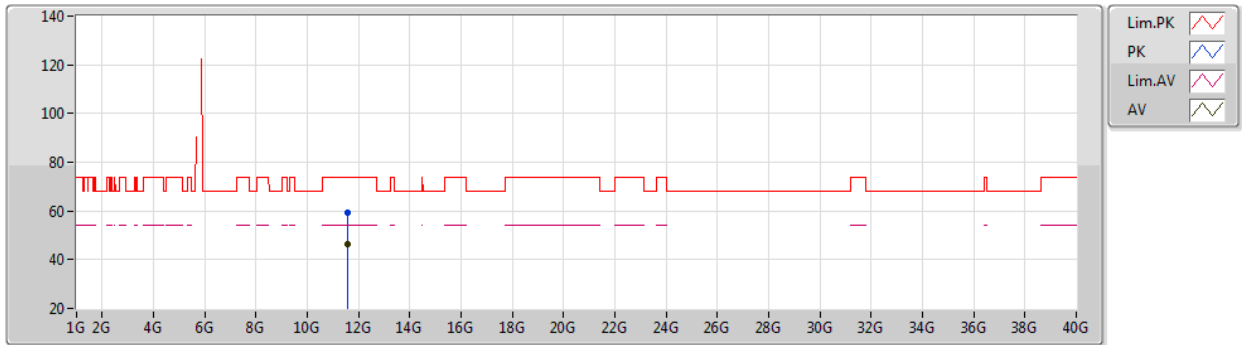
EUT Y_2TX
Setting 101
06-F-J-5

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	11.5823G	58.92	74.00	-15.08	43.12	3	Vertical	213	1.80	-	41.82	8.15	34.17
AV	11.5856G	45.27	54.00	-8.73	29.46	3	Vertical	213	1.80	-	41.83	8.15	34.17

802.11ax HEW40_Nss1,(MCS0)_2TX

01/08/2020

5795MHz_TX



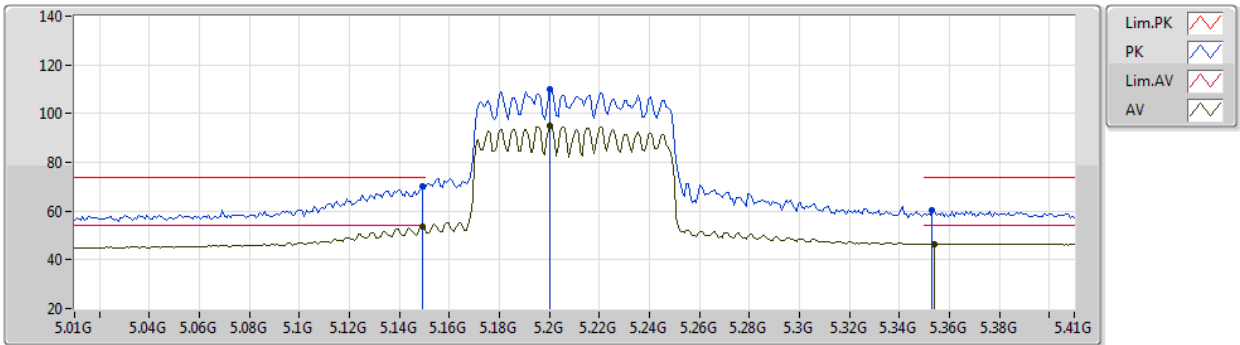
EUT Y_2TX
Setting 101
06-F-J-5

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	11.5841G	59.28	74.00	-14.72	43.47	3	Horizontal	33	2.91	-	41.83	8.15	34.17
AV	11.5891G	46.52	54.00	-7.48	30.69	3	Horizontal	33	2.91	-	41.84	8.16	34.17

802.11ax HEW80_Nss1,(MCS0)_4TX

01/08/2020

5210MHz_TX



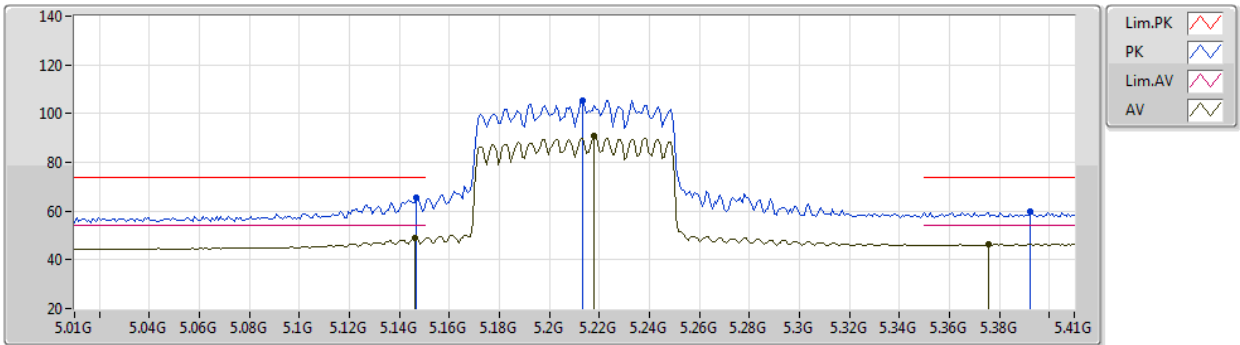
EUT Y_4TX
Setting 74
03-C-O-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1492G	70.18	74.00	-3.82	64.86	3	Vertical	174	1.80	-	33.90	6.75	35.33
AV	5.1492G	53.68	54.00	-0.32	48.36	3	Vertical	174	1.80	-	33.90	6.75	35.33
PK	5.2004G	109.83	Inf	-Inf	104.40	3	Vertical	174	1.80	-	33.90	6.80	35.27
AV	5.2004G	95.11	Inf	-Inf	89.68	3	Vertical	174	1.80	-	33.90	6.80	35.27
PK	5.3532G	60.17	74.00	-13.83	53.78	3	Vertical	174	1.80	-	34.39	7.11	35.11
AV	5.354G	46.61	54.00	-7.39	40.22	3	Vertical	174	1.80	-	34.39	7.11	35.11

802.11ax HEW80_Nss1,(MCS0)_4TX

01/08/2020

5210MHz_TX



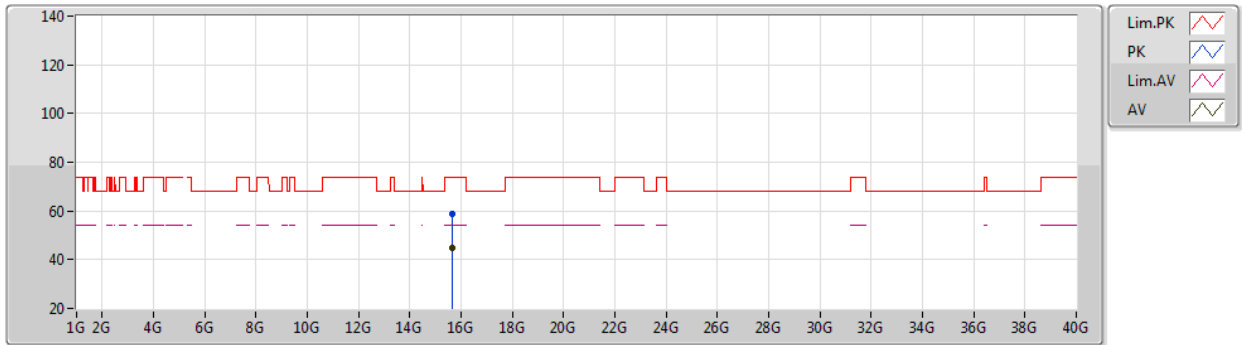
EUT Y_4TX
Setting 74
03-C-O-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1468G	65.75	74.00	-8.25	60.43	3	Horizontal	290	2.17	-	33.90	6.75	35.33
AV	5.146G	48.81	54.00	-5.19	43.49	3	Horizontal	290	2.17	-	33.90	6.75	35.33
PK	5.2132G	105.54	Inf	-Inf	100.04	3	Horizontal	290	2.17	-	33.93	6.83	35.26
AV	5.218G	90.76	Inf	-Inf	85.23	3	Horizontal	290	2.17	-	33.94	6.84	35.25
PK	5.3924G	59.99	74.00	-14.01	53.56	3	Horizontal	290	2.17	-	34.32	7.18	35.07
AV	5.3756G	46.36	54.00	-7.64	39.94	3	Horizontal	290	2.17	-	34.35	7.15	35.08

802.11ax HEW80_Nss1,(MCS0)_4TX

01/08/2020

5210MHz_TX



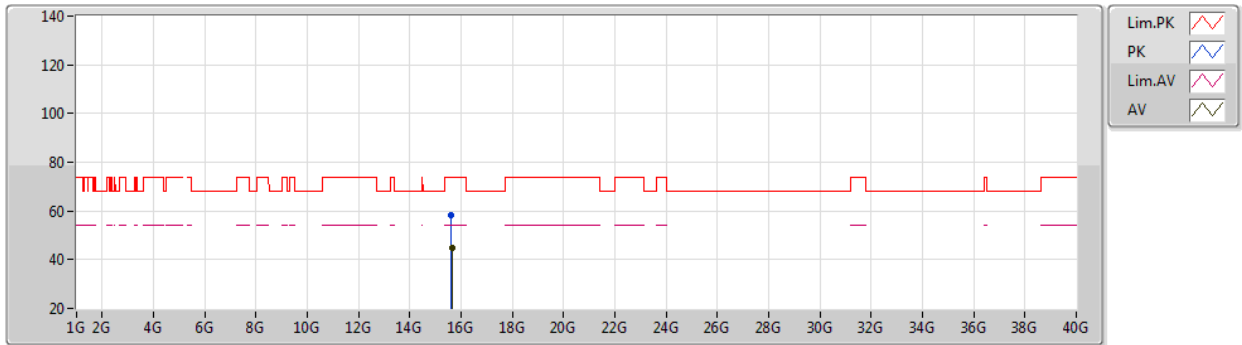
EUT Y_4TX
Setting 74
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.63912G	58.62	74.00	-15.38	44.65	3	Vertical	156	1.75	-	37.82	11.24	35.09
AV	15.6368G	44.80	54.00	-9.20	30.82	3	Vertical	156	1.75	-	37.83	11.24	35.09

802.11ax HEW80_Nss1,(MCS0)_4TX

01/08/2020

5210MHz_TX



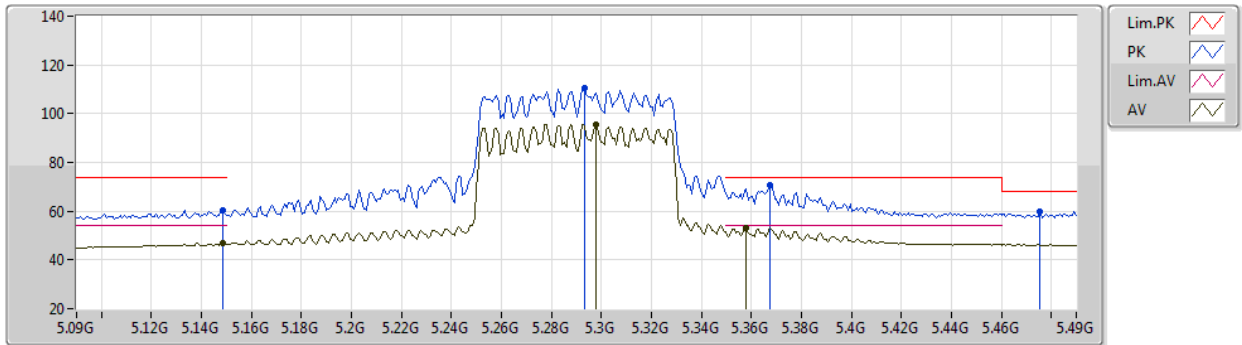
EUT Y_4TX
Setting 74
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.63096G	58.53	74.00	-15.47	44.54	3	Horizontal	255	1.25	-	37.84	11.23	35.08
AV	15.64G	44.79	54.00	-9.21	30.82	3	Horizontal	255	1.25	-	37.82	11.24	35.09

802.11ax HEW80_Nss1,(MCS0)_4TX

01/08/2020

5290MHz_TX



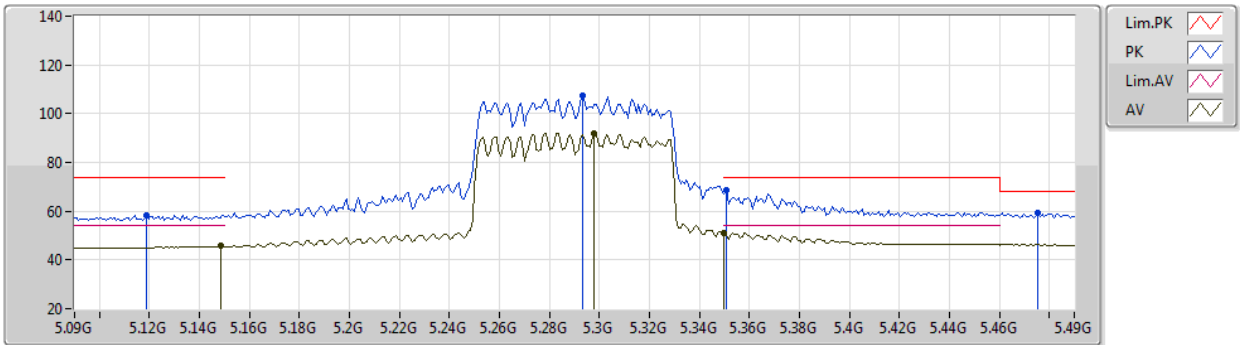
EUT Y_4TX
Setting 79
03-C-O-1-10

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	60.39	74.00	-13.61	55.07	3	Vertical	129	1.80	-	33.90	6.75	35.33
AV	5.1484G	46.89	54.00	-7.11	41.57	3	Vertical	129	1.80	-	33.90	6.75	35.33
PK	5.2932G	110.36	Inf	-Inf	104.37	3	Vertical	129	1.80	-	34.17	6.99	35.17
AV	5.298G	95.72	Inf	-Inf	89.70	3	Vertical	129	1.80	-	34.19	7.00	35.17
PK	5.3676G	70.88	74.00	-3.12	64.47	3	Vertical	129	1.80	-	34.36	7.14	35.09
AV	5.358G	53.28	54.00	-0.72	46.88	3	Vertical	129	1.80	-	34.38	7.12	35.10
PK	5.4756G	59.75	68.20	-8.45	53.07	3	Vertical	129	1.80	-	34.50	7.16	34.98

802.11ax HEW80_Nss1,(MCS0)_4TX

01/08/2020

5290MHz_TX



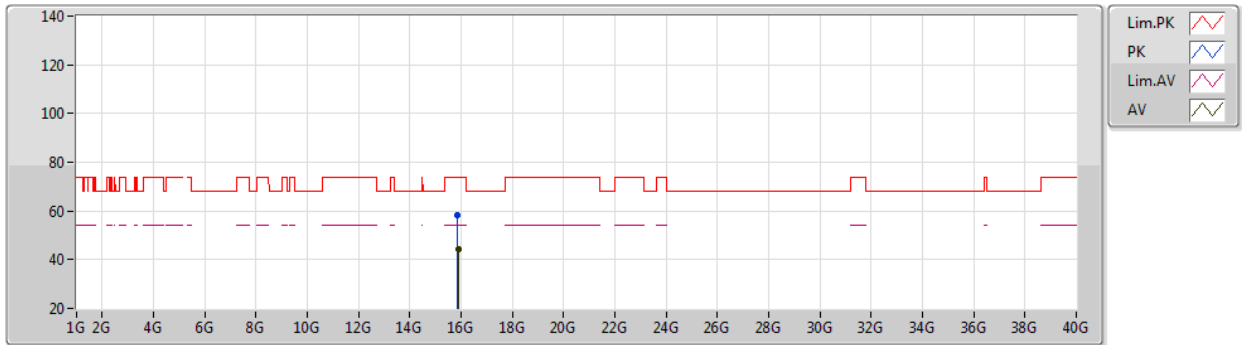
EUT Y_4TX
Setting 79
03-C-O-1-10

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	5.1188G	58.50	74.00	-15.50	53.24	3	Horizontal	283	1.98	-	33.90	6.72	35.36
AV	5.1484G	45.70	54.00	-8.30	40.38	3	Horizontal	283	1.98	-	33.90	6.75	35.33
PK	5.2932G	107.50	Inf	-Inf	101.51	3	Horizontal	283	1.98	-	34.17	6.99	35.17
AV	5.298G	91.77	Inf	-Inf	85.75	3	Horizontal	283	1.98	-	34.19	7.00	35.17
PK	5.3508G	68.50	74.00	-5.50	62.11	3	Horizontal	283	1.98	-	34.40	7.10	35.11
AV	5.35G	51.06	54.00	-2.94	44.67	3	Horizontal	283	1.98	-	34.40	7.10	35.11
PK	5.4756G	59.26	68.20	-8.94	52.58	3	Horizontal	283	1.98	-	34.50	7.16	34.98

802.11ax HEW80_Nss1,(MCS0)_4TX

01/08/2020

5290MHz_TX



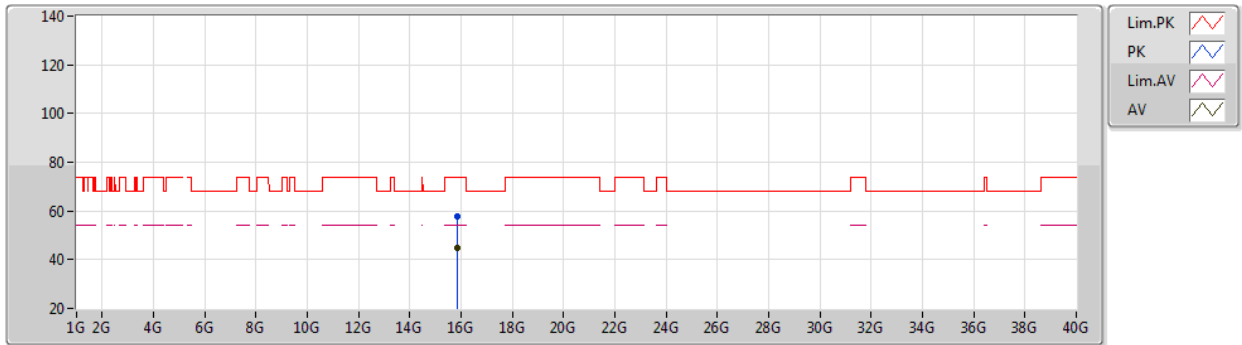
EUT Y_4TX
Setting 79
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.86672G	58.24	74.00	-15.76	44.70	3	Vertical	119	2.57	-	37.43	11.34	35.23
AV	15.87964G	44.54	54.00	-9.46	30.97	3	Vertical	119	2.57	-	37.46	11.35	35.24

802.11ax HEW80_Nss1,(MCS0)_4TX

01/08/2020

5290MHz_TX



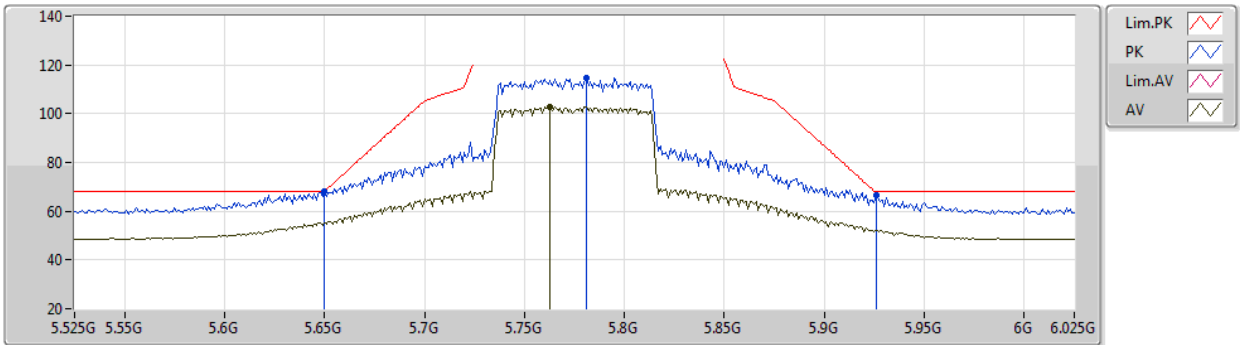
EUT Y_4TX
Setting 79
03-C-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.87212G	57.84	74.00	-16.16	44.30	3	Horizontal	26	1.28	-	37.44	11.34	35.24
AV	15.87624G	44.58	54.00	-9.42	31.03	3	Horizontal	26	1.28	-	37.45	11.34	35.24

802.11ax HEW80_Nss1,(MCS0)_2TX

01/08/2020

5775MHz_TX



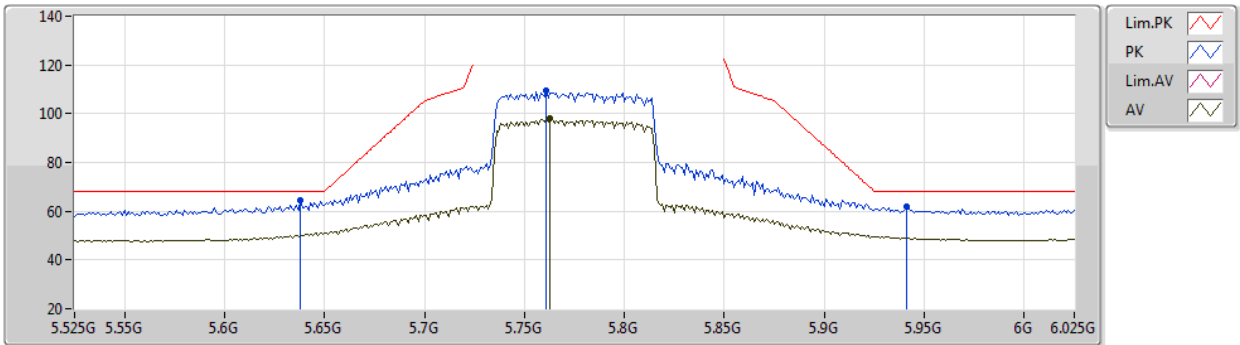
EUT Y_2TX
Setting 87
06-F-J-5-10

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	5.65G	68.14	68.20	-0.06	60.05	3	Vertical	259	1.61	-	34.05	5.84	31.80
PK	5.781G	114.60	Inf	-Inf	106.28	3	Vertical	259	1.61	-	34.08	5.98	31.74
AV	5.763G	103.01	Inf	-Inf	94.73	3	Vertical	259	1.61	-	34.06	5.96	31.74
PK	5.926G	66.43	68.20	-1.77	57.72	3	Vertical	259	1.61	-	34.43	5.94	31.66

802.11ax HEW80_Nss1,(MCS0)_2TX

01/08/2020

5775MHz_TX



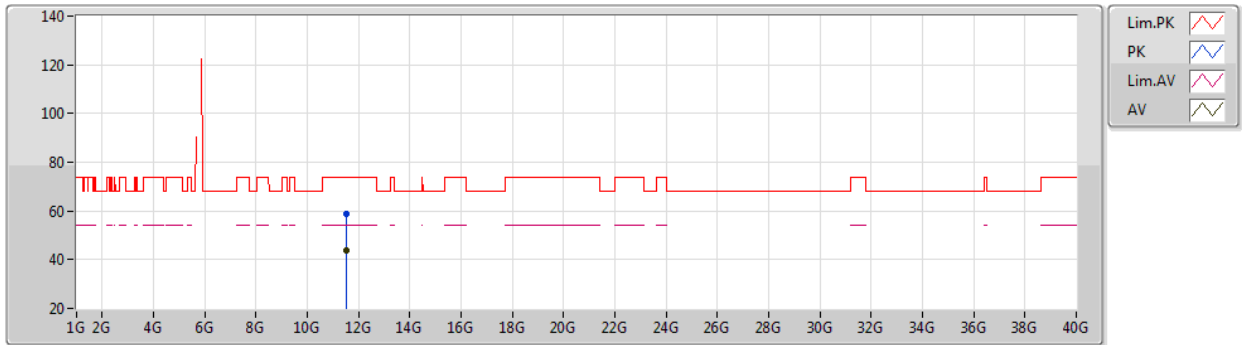
EUT Y_2TX
Setting 87
06-F-J-5-10

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	64.43	68.20	-3.77	56.34	3	Horizontal	318	1.58	-	34.06	5.83	31.80
PK	5.761G	109.44	Inf	-Inf	101.17	3	Horizontal	318	1.58	-	34.06	5.96	31.75
AV	5.763G	97.85	Inf	-Inf	89.57	3	Horizontal	318	1.58	-	34.06	5.96	31.74
PK	5.941G	62.01	68.20	-6.19	53.29	3	Horizontal	318	1.58	-	34.44	5.93	31.65

802.11ax HEW80_Nss1,(MCS0)_2TX

01/08/2020

5775MHz_TX



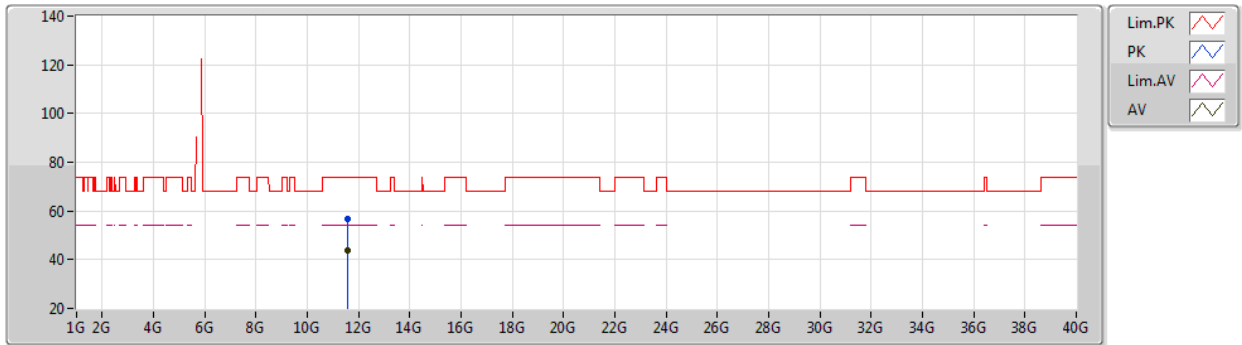
EUT Y_2TX
Setting 87
06-F-J-5

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	11.54688G	58.82	74.00	-15.18	43.10	3	Vertical	307	2.92	-	41.75	8.14	34.17
AV	11.53668G	43.86	54.00	-10.14	28.16	3	Vertical	307	2.92	-	41.73	8.14	34.17

802.11ax HEW80_Nss1,(MCS0)_2TX

01/08/2020

5775MHz_TX



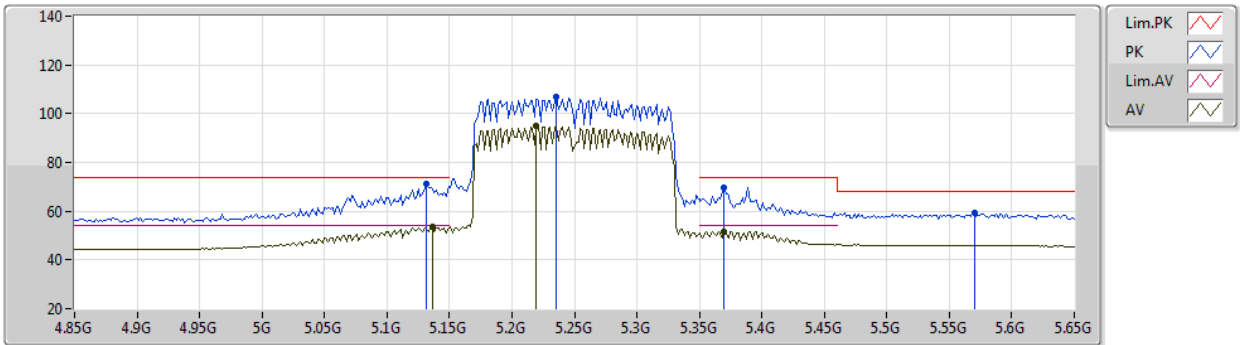
EUT Y_2TX
Setting 87
06-F-J-5

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	11.5636G	56.67	74.00	-17.33	40.91	3	Horizontal	240	2.30	-	41.78	8.15	34.17
AV	11.5568G	43.67	54.00	-10.33	27.93	3	Horizontal	240	2.30	-	41.77	8.14	34.17

802.11ax HEW160_Nss1,(MCS0)_4TX

01/08/2020

5250MHz Straddle 5.25-5.35GHz_TX



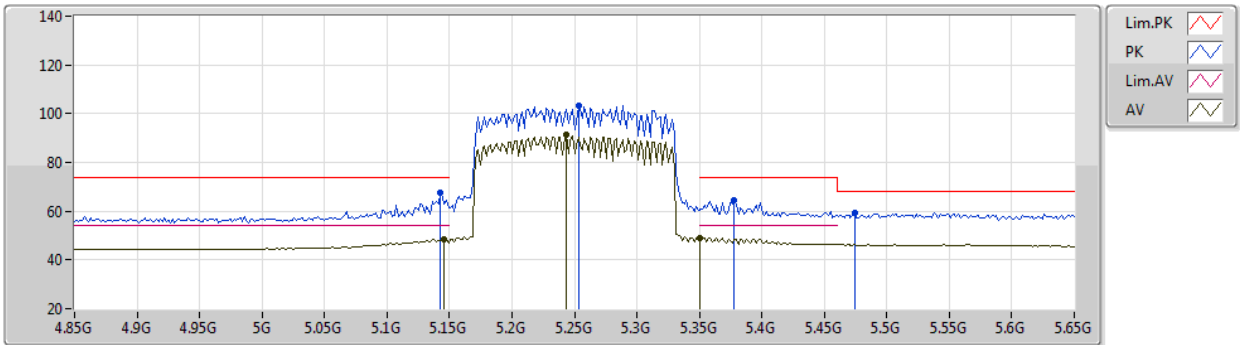
EUT Y_4TX
Setting 73
03-C-O-1-10

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	5.1316G	71.29	74.00	-2.71	66.01	3	Vertical	176	1.77	-	33.90	6.73	35.35
AV	5.1364G	53.63	54.00	-0.37	48.33	3	Vertical	176	1.77	-	33.90	6.74	35.34
PK	5.2356G	106.94	Inf	-Inf	101.34	3	Vertical	176	1.77	-	33.97	6.87	35.24
AV	5.2196G	95.21	Inf	-Inf	89.68	3	Vertical	176	1.77	-	33.94	6.84	35.25
PK	5.37G	69.65	74.00	-4.35	63.24	3	Vertical	176	1.77	-	34.36	7.14	35.09
AV	5.37G	51.78	54.00	-2.22	45.37	3	Vertical	176	1.77	-	34.36	7.14	35.09
PK	5.57G	59.52	68.20	-8.68	52.94	3	Vertical	176	1.77	-	34.42	7.11	34.95

802.11ax HEW160_Nss1,(MCS0)_4TX

01/08/2020

5250MHz Straddle 5.25-5.35GHz_TX



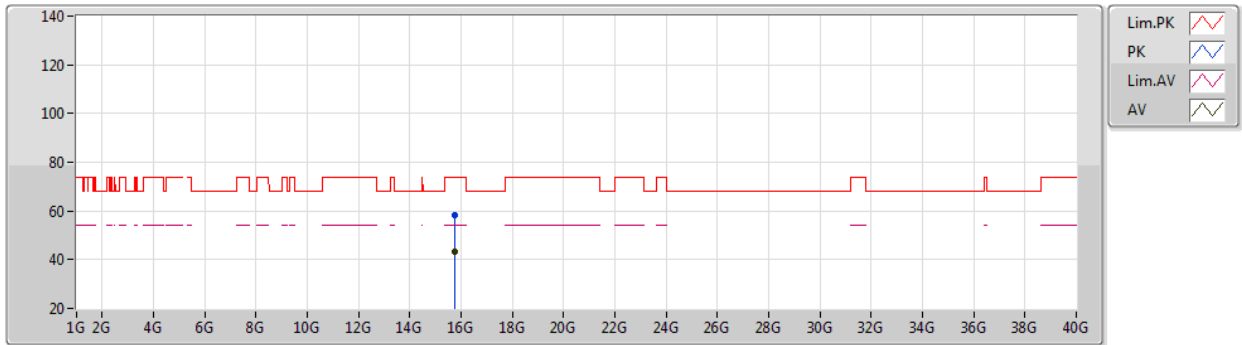
EUT Y_4TX
Setting 73
03-C-O-1-10

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	5.1428G	67.73	74.00	-6.27	62.43	3	Horizontal	291	2.16	-	33.90	6.74	35.34
AV	5.146G	48.54	54.00	-5.46	43.22	3	Horizontal	291	2.16	-	33.90	6.75	35.33
PK	5.2532G	103.22	Inf	-Inf	97.52	3	Horizontal	291	2.16	-	34.01	6.91	35.22
AV	5.2436G	91.18	Inf	-Inf	85.53	3	Horizontal	291	2.16	-	33.99	6.89	35.23
PK	5.378G	64.62	74.00	-9.38	58.20	3	Horizontal	291	2.16	-	34.34	7.16	35.08
AV	5.35G	49.11	54.00	-4.89	42.72	3	Horizontal	291	2.16	-	34.40	7.10	35.11
PK	5.474G	59.29	68.20	-8.91	52.61	3	Horizontal	291	2.16	-	34.50	7.16	34.98

802.11ax HEW160_Nss1,(MCS0)_4TX

01/08/2020

5250MHz Straddle 5.25-5.35GHz_TX



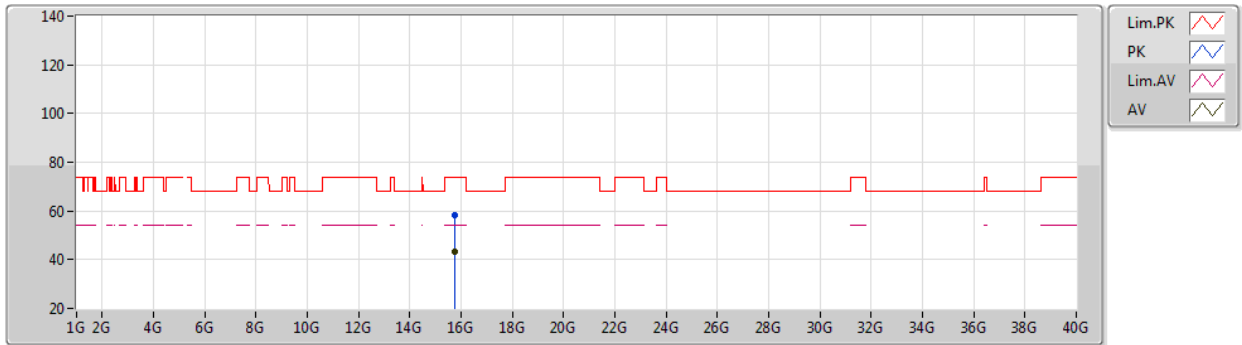
EUT Y_4TX
Setting 73
03-C-O-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.75088G	58.30	74.00	-15.70	44.67	3	Vertical	278	1.80	-	37.50	11.29	35.16
AV	15.74526G	43.44	54.00	-10.56	29.79	3	Vertical	278	1.80	-	37.52	11.29	35.16

802.11ax HEW160_Nss1,(MCS0)_4TX

01/08/2020

5250MHz Straddle 5.25-5.35GHz_TX



EUT Y_4TX
Setting 73
03-C-O-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.74942G	58.15	74.00	-15.85	44.52	3	Horizontal	33	1.69	-	37.50	11.29	35.16
AV	15.74632G	43.50	54.00	-10.50	29.86	3	Horizontal	33	1.69	-	37.51	11.29	35.16