



RADIO TEST REPORT

FCC ID : MSQ-RTAXIC00

Equipment : AXE6600 Tri Band WiFi Router

Brand Name : ASUS

Model Name : ET8, ZenWiFi ET8, ASUS ZenWiFi ET8

Applicant : ASUSTeK COMPUTER INC.
1F., No. 15, Lide Rd., Beitou, Taipei 112, Taiwan

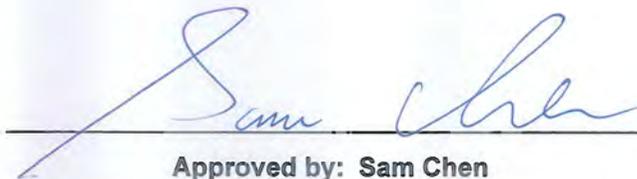
Manufacturer (1) : Compal Networking (KunShan) Co., LTD.
No. 520, Nanbang Rd., Economic & Technical Development Zone Kunshan, Jiangsu Province China

Manufacturer (2) : ARCADYAN TECHNOLOGY (VIETNAM) CO., LTD.
Ba Thien Industrial Park, Ba Hien commune, Binh Xuyen district, Vinh Phuc Province

Standard : 47 CFR FCC Part 15.407

The product was received on Jan. 27, 2021, and testing was started from Jan. 27, 2021 and completed on Mar. 08, 2021. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.



Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)



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Summary of Test Result

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

Declaration of Conformity:

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

Comments and Explanations:

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

Reviewed by: **Sam Chen**

Report Producer: **Cindy Peng**



1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.15-5.25GHz	802.11n HT20	20	2TX
5.15-5.25GHz	802.11n HT20-BF	20	2TX
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11ac VHT20-BF	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11ax HEW20-BF	20	2TX
5.15-5.25GHz	802.11n HT40	40	2TX
5.15-5.25GHz	802.11n HT40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.15-5.25GHz	802.11ac VHT40-BF	40	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ax HEW40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.15-5.25GHz	802.11ac VHT80-BF	80	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX
5.15-5.25GHz	802.11ax HEW80-BF	80	2TX
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11n HT20-BF	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX



Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11ac VHT20-BF	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20-BF	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11n HT40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT40-BF	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ac VHT80-BF	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80-BF	80	2TX

Note:

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



1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Type	Connector	Gain (dBi)	Remark
1	1	M.gear	C660-510551-A	Dipole	I-PEX	Note1	WLAN 2.4GHz and 5GHz UNII 1, 3
2	2	M.gear	C660-510551-A	Dipole	I-PEX		WLAN 2.4GHz and 5GHz UNII 1, 3
3	1	M.gear	C660-510551-A	Dipole	I-PEX		WLAN 6GHz UNII 5~8
4	2	M.gear	C660-510551-A	Dipole	I-PEX		WLAN 6GHz UNII 5~8
5	3	M.gear	C660-510551-A	Dipole	I-PEX		WLAN 6GHz UNII 5~8
6	4	M.gear	C660-510551-A	Dipole	I-PEX		WLAN 6GHz UNII 5~8
7	1	Yageo	ANT3216A063R2400A	Chip	N/A	1.69	Bluetooth

Note1:

Ant.	Port	Function	Gain (dBi)		
			CDD	Beamforming: Nss1	Beamforming: Nss2
1~2	1~2	WLAN 2.4GHz	1.82	4.81	-
1~2	1~2	WLAN 5GHz UNII 1	2.31	5.30	-
1~2	1~2	WLAN 5GHz UNII 3	2.21	5.20	-
3~6	1~4	WLAN 6GHz UNII 5	1.74	7.75	4.75
3~6	1~4	WLAN 6GHz UNII 6	0.98	6.21	3.82
3~6	1~4	WLAN 6GHz UNII 7	0.50	6.16	3.32
3~6	1~4	WLAN 6GHz UNII 8	0.35	5.97	3.21

Note2: The above information was declared by manufacturer.

For WLAN 2.4GHz function, 802.11 b/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 WLAN 5GHz UNII 1, 3 function, 802.11a/n/ac/ax mode (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

For WLAN 6GHz UNII 5~8 function, 802.11ax mode (4TX/4RX):

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

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

For Bluetooth function (1TX/1RX):

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



1.1.3 Mode Test Duty Cycle

For non-beamforming mode:

Table with 5 columns: Mode, DC, DCF(dB), T(s), VBW(Hz) ≥ 1/T. Rows include 802.11a_Nss1,(6Mbps)_2TX, 802.11ax HEW20_Nss2,(MCS0)_2TX, 802.11ax HEW40_Nss2,(MCS0)_2TX, 802.11ax HEW80_Nss2,(MCS0)_2TX.

For beamforming mode:

Table with 5 columns: Mode, DC, DCF(dB), T(s), VBW(Hz) ≥ 1/T. Rows include 802.11ax HEW20-BF, 802.11ax HEW40-BF, 802.11ax HEW80-BF.

Note:
• DC is Duty Cycle.
• DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

Form with fields: EUT Power Type (From power adapter), Beamforming Function (With/Without beamforming), Function (Outdoor P2M, Indoor P2M, Fixed P2P, Client), Test Software Version (Mtool V3.2.1.1, DOS[ver 17.10.157.23]).

Note: The above information was declared by manufacturer.



1.1.5 Table for Multiple Listing

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

Model Name	Description
ET8	All the model names are identical, the different model names served as marketing strategy.
ZenWiFi ET8	
ASUS ZenWiFi ET8	

Note1: From the above models, model: ET8 was selected as representative model for the test and its data was recorded in this report.

Note2: The above information was declared by manufacturer.

1.1.6 Table for EUT supports functions

Function	Support Type	WLAN 6G Function
AP Router	Master	V
Bridge	Slave without radar detection	N/A
Repeater	Master	N/A
Mesh	Master	V

Note: For AC power-line conducted emissions test: After evaluating, there is only AP Router was selected to test and record in the report.



1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	TEL: 886-3-656-9065 FAX: 886-3-656-9085
	Test site Designation No. TW0006 with FCC.
	Test site registered number IC 4086D with Industry Canada.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Serway Li	22.6~23.2 / 62~64	Feb. 02, 2021~Mar. 08, 2021
Radiated Below 1GHz	03CH06-CB	Stim Sung	20.5~21.8 / 55~58	Jan. 27, 2021~Mar. 08, 2021
Radiated Intentional1GHz~10 th Harmonic	03CH06-CB	Stim Sung	20.4~21.4 / 55~57	Jan. 27, 2021~Mar. 08, 2021
Radiated co-location	03CH04-CB	Stim Sung	22.6~23.6 / 54~57	Jan. 27, 2021~Mar. 08, 2021
AC Conduction	CO02-CB	Max Lin	22~23 / 57~58	Feb. 03, 2021

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.0 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.9 dB	Confidence levels of 95%
Conducted Emission	2.8 dB	Confidence levels of 95%
Output Power Measurement	1.4 dB	Confidence levels of 95%
Power Density Measurement	2.8 dB	Confidence levels of 95%
Bandwidth Measurement	0.4%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For non-beamforming mode:

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	95
5200MHz	106
5240MHz	108
5745MHz	112
5785MHz	112
5825MHz	112
802.11ax HEW20_Nss2,(MCS0)_2TX	-
5180MHz	91
5200MHz	103
5240MHz	108
5745MHz	111
5785MHz	112
5825MHz	112
802.11ax HEW40_Nss2,(MCS0)_2TX	-
5190MHz	84
5230MHz	97
5755MHz	109
5795MHz	112
802.11ax HEW80_Nss2,(MCS0)_2TX	-
5210MHz	87
5775MHz	100



For beamforming mode:

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	88
5200MHz	102
5240MHz	108
5745MHz	111
5785MHz	112
5825MHz	112
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	82
5230MHz	102
5755MHz	106
5795MHz	110
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	84
5775MHz	100

Note:

- ♦ HEW20/HEW40/HEW80 covers HT20/HT40/VHT20/VHT40/VHT80, due to similar modulation. The power setting for HT20/HT40/VHT20/VHT40/VHT80 are the same or lower than HEW20/HEW40/HEW80
- ♦ The EUT supports non-beamforming and beamforming modes, after evaluating, the beamforming mode has been evaluated to be the worst case, so it was selected to test.



2.2 The Worst Case Measurement Configuration

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains
Operating Mode	
1	Non-beamforming mode
2	Beamforming mode



The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
1	WLAN 2.4GHz – EUT + adapter 1
2	WLAN 2.4GHz – EUT + adapter 3
Mode 2 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3~5 will follow this same test mode.	
3	WLAN 5GHz UNII 1, 3 – EUT + adapter 3
4	WLAN 6GHz UNII 5~8 – EUT + adapter 3
5	Bluetooth – EUT + adapter 3
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
1	Non-beamforming mode
2	Beamforming mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz + WLAN 5GHz UNII 1, 3
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz UNII 1, 3 + WLAN 6GHz UNII 5~8 + Bluetooth
Refer to Sporton Test Report No.: FA0D0913 for Co-location RF Exposure Evaluation.	

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



2.3 EUT Operation during Test

For CTX Mode:

For non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

For beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

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

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS[ver 17.10.157.23].
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by WLAN AP and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories				
No.	Power	Brand Name	Model Name	Rating
1	Adapter 1	DELTA	ADP-33AW Y	INPUT: 100-240V ~ 1.0A, 50-60Hz OUTPUT: 19.0V, 1.75A, 33.0W
2	Adapter 2	DELTA	ADP-33AW Y	INPUT: 100-240V ~ 1.0A, 50-60Hz OUTPUT: 19.0V, 1.75A, 33.0W
3	Adapter 3	PI	AD2131320	INPUT: 100-240V ~ 50/60Hz, 0.8A OUTPUT: 19.0V, 1.75A, 33.0W
4	Adapter 4	PI	AD2131320	INPUT: 100-240V ~ 50/60Hz, 0.8A OUTPUT: 19.0V, 1.75A, 33.0W
No.	Others			
5	RJ-45 cable*1, Non-shielded, 1.5m			



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN1 NB	DELL	E6430	N/A
B	2.4G NB	DELL	E6430	N/A
C	5G NB	DELL	E6430	N/A
D	2.5G WAN PC	DELL	T3400	N/A
E	LAN3 NB	DELL	E6430	N/A
F	HDD3.0	Transcend	TS1TSJ25A3K	N/A
G	6E Device	ASUS	ZenWiFi ET8 (FCC)	N/A
H	6E Device NB	DELL	E6430	N/A

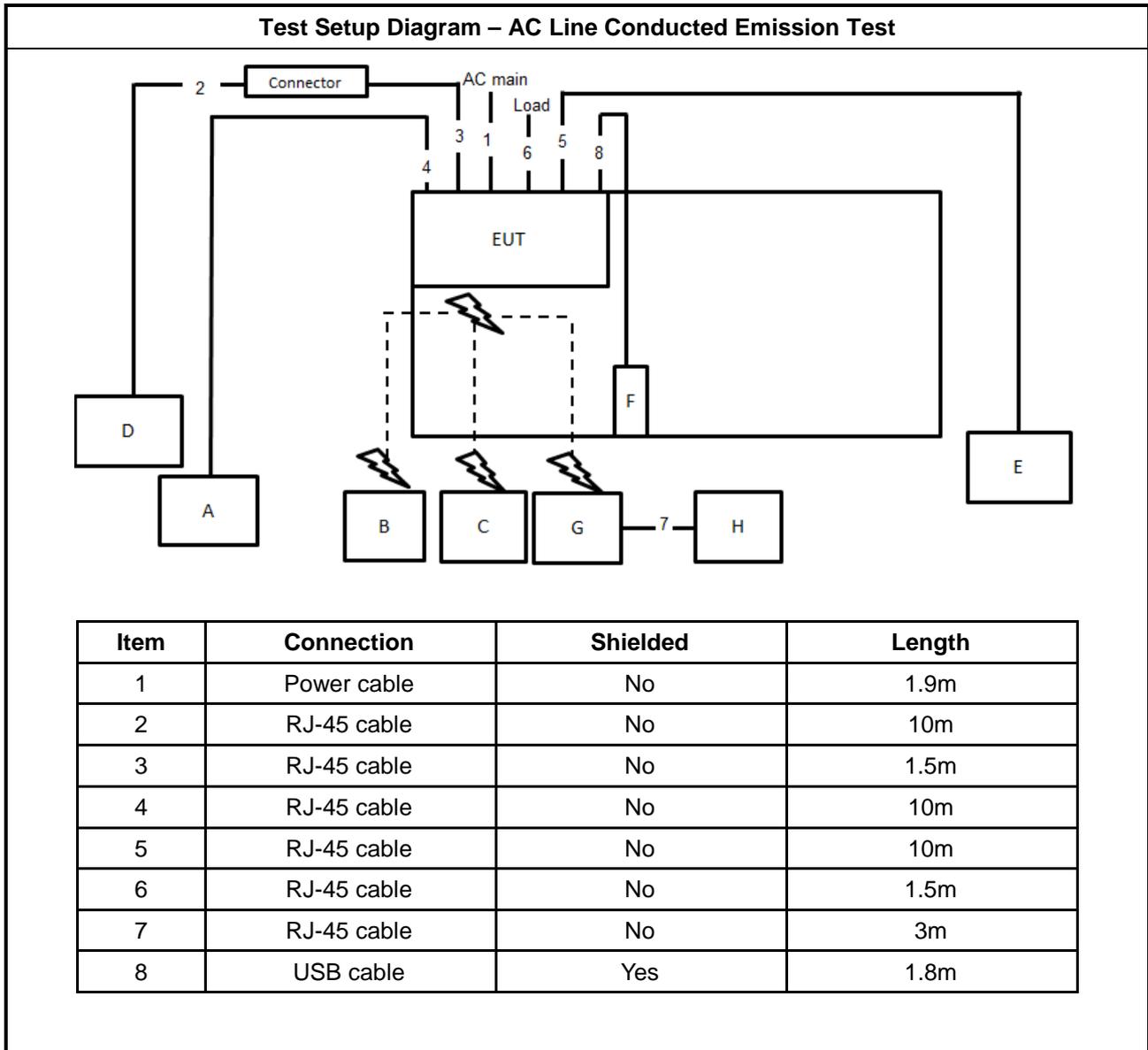
For RF Conducted, Radiated (below 1GHz) and Radiated (above 1GHz) - Non-beamforming mode:

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

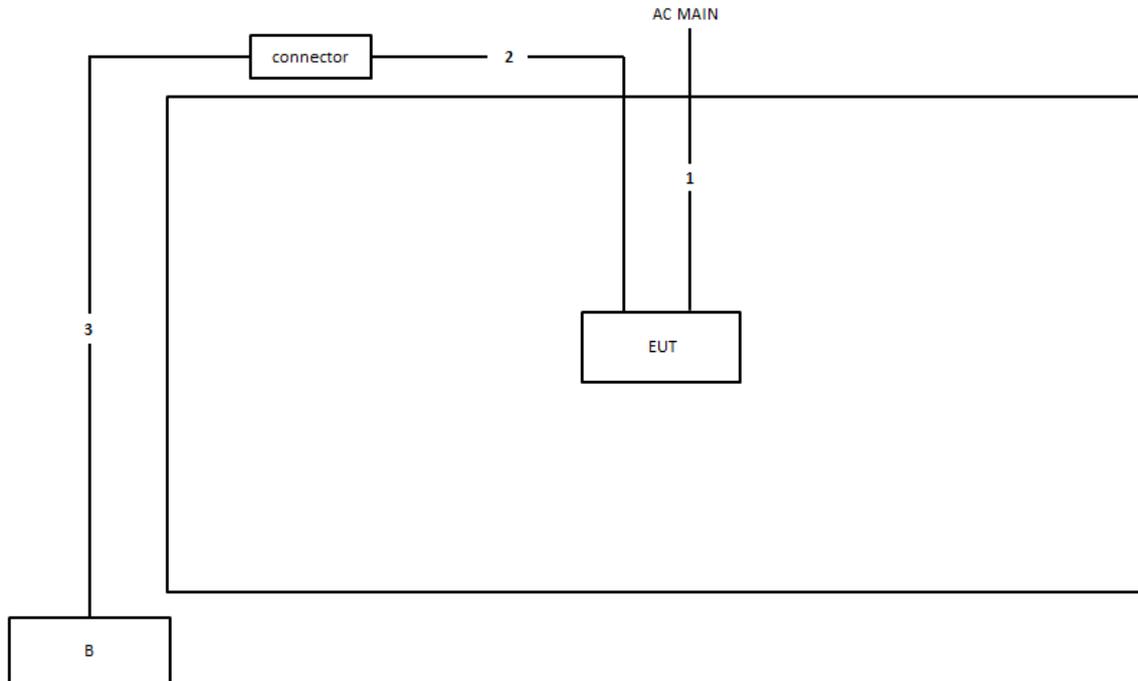
For Radiated (above 1GHz) - Beamforming mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	WLAN AP	ASUS	GT-AXE11000	N/A

2.6 Test Setup Diagram



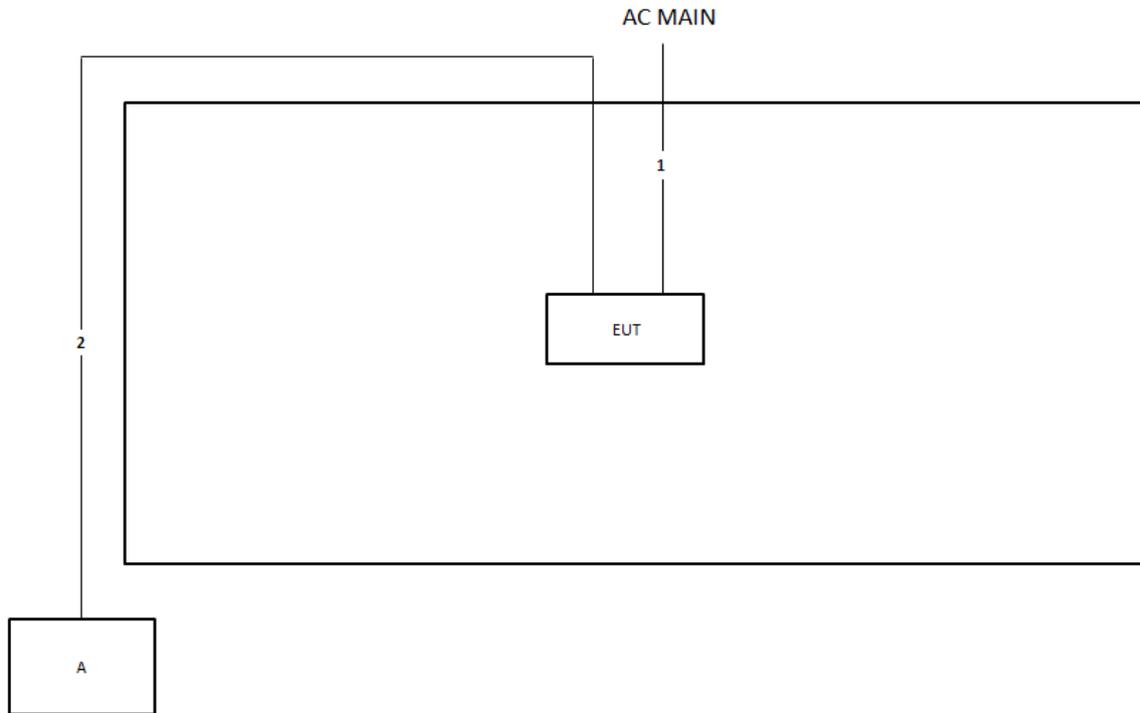
Test Setup Diagram - Radiated Test < 1GHz



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

Test Setup Diagram - Radiated Test > 1GHz

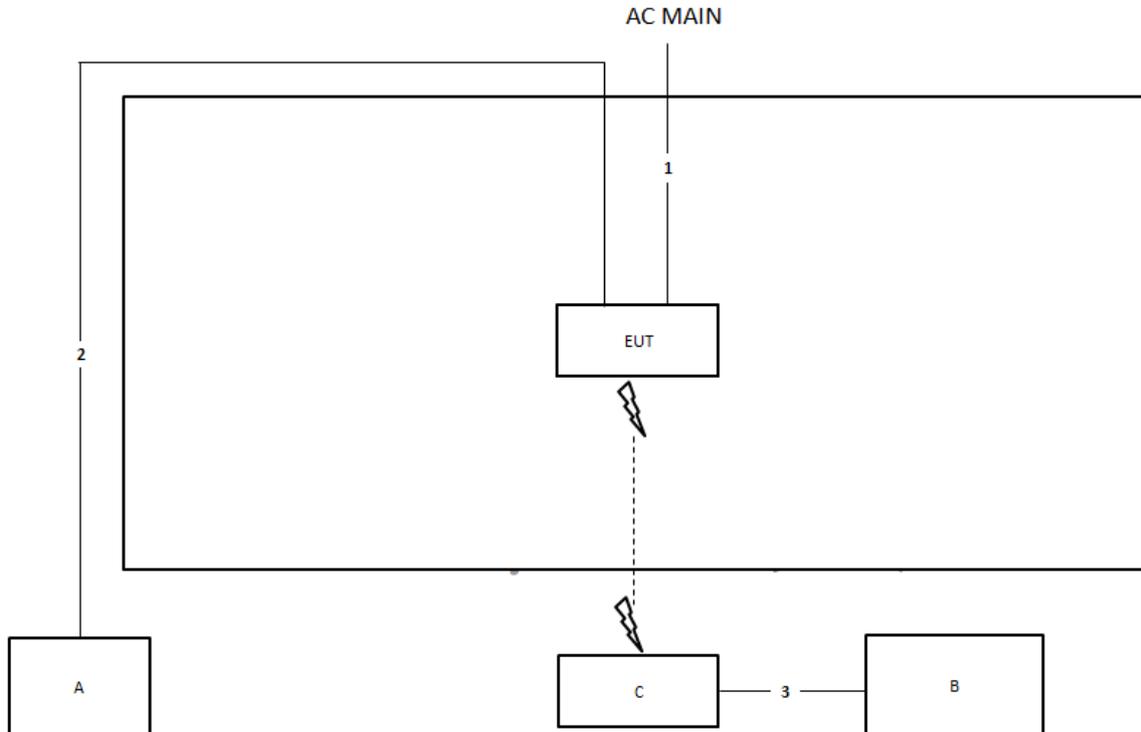
For non-beamforming mode:



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

Test Setup Diagram - Radiated Test > 1GHz

For beamforming mode:



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



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

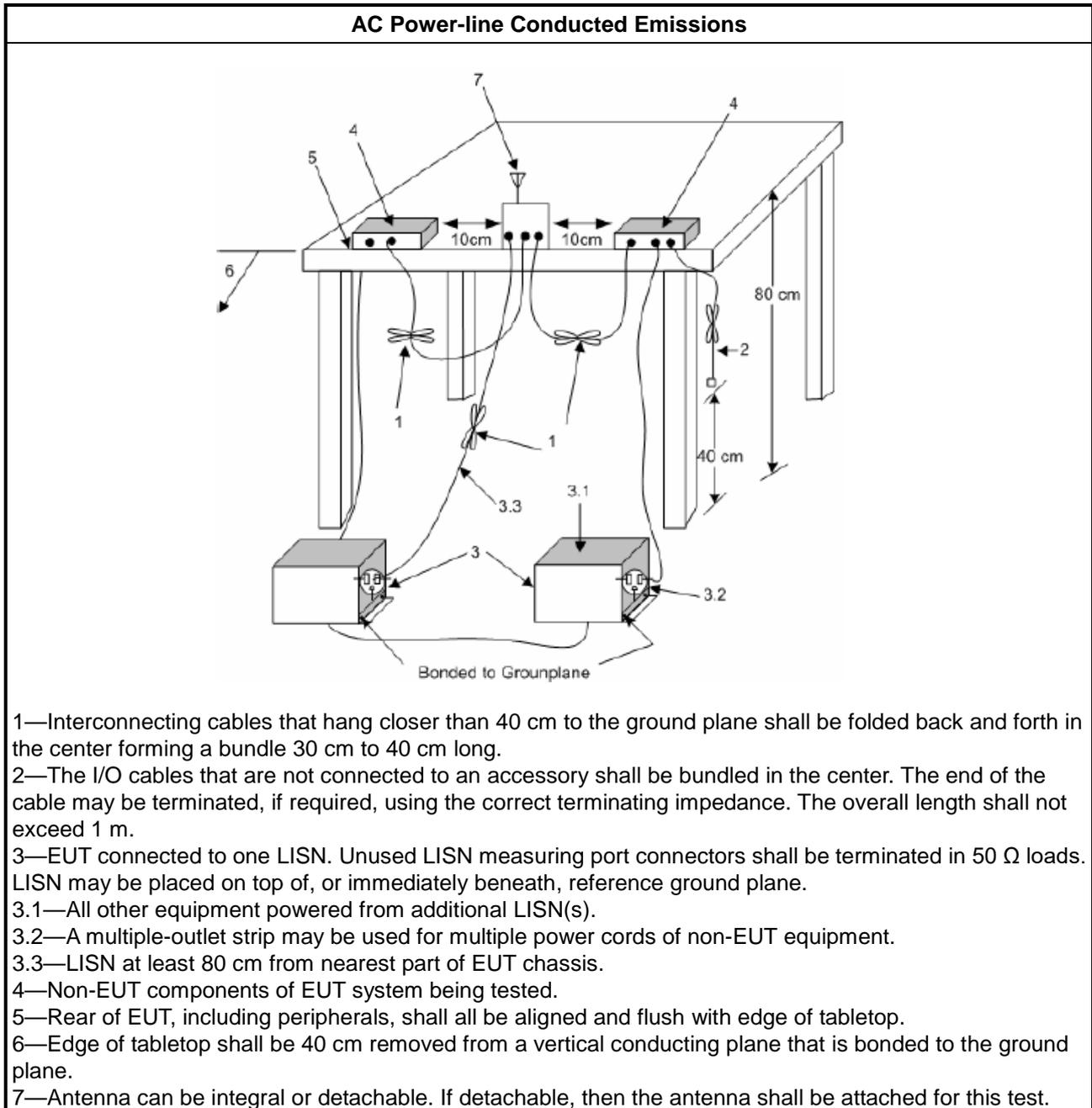
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
<input checked="" type="checkbox"/> 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:

- a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- b. 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	
<input checked="" type="checkbox"/>	For the 5.15-5.25 GHz band, N/A
<input type="checkbox"/>	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
<input type="checkbox"/>	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
<input checked="" type="checkbox"/>	For the 5.725-5.85 GHz band, 6 dB emission bandwidth \geq 500kHz.
LE-LAN Devices	
<input type="checkbox"/>	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.
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	For the 5.725-5.85 GHz band, 6 dB emission bandwidth \geq 500kHz.

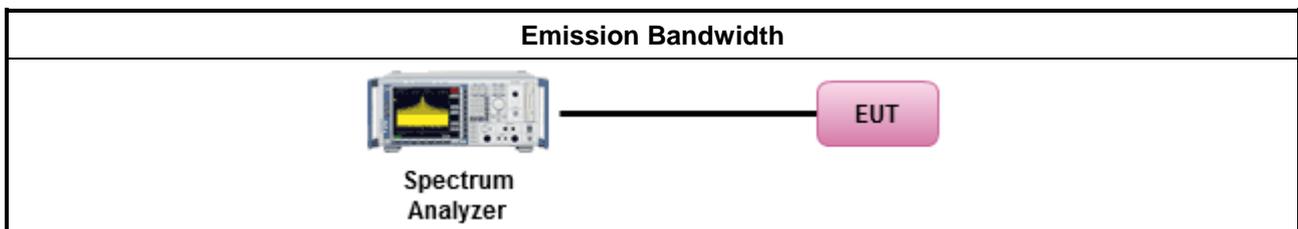
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method							
<ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30px;"><input checked="" type="checkbox"/></td> <td>Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.</td> </tr> </table> 		<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.	<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.	<input type="checkbox"/>	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.						
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.						
<input type="checkbox"/>	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	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> ▪ 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 $\leq 125mW$ [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 $P_{Out} = 24 - (G_{TX} - 6)$.
<input type="checkbox"/> 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 $P_{Out} = 24 - (G_{TX} - 6)$.	
<input type="checkbox"/> 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 $P_{Out} = 24 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ 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	
<input type="checkbox"/> 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.	
<input type="checkbox"/> 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	
<input type="checkbox"/> 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	
<input type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ 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.	

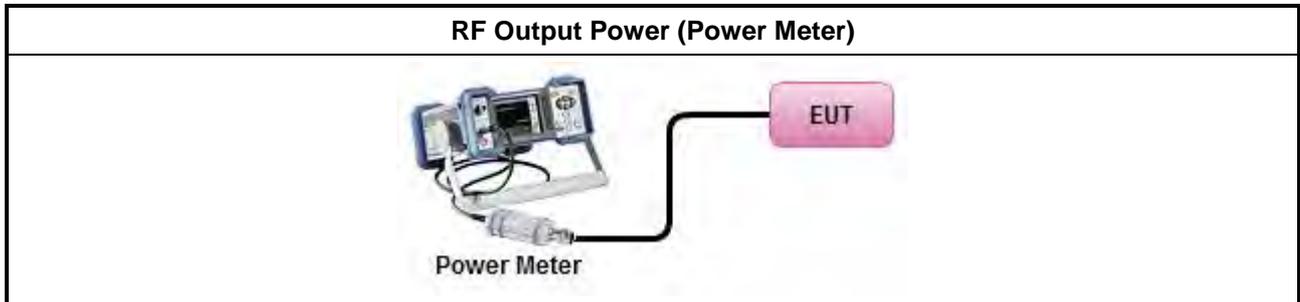
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ Maximum Conducted Output Power 	
Average over on/off periods with duty factor	
<input type="checkbox"/>	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
<input type="checkbox"/>	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	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter).
<ul style="list-style-type: none"> ▪ For conducted measurement. 	
<ul style="list-style-type: none"> ▪ 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. 	
<ul style="list-style-type: none"> ▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$ 	

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> ▪ 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 $PPSD = 11 - (G_{TX} - 6)$.
<input type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
<input type="checkbox"/> For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ 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	
<input type="checkbox"/> For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.	
<input type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
	<ul style="list-style-type: none"> ▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for $0^\circ \leq \theta < 8^\circ$; -13 - 0.716 ($\theta-8$) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 ($\theta-40$) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$
<input type="checkbox"/> For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
<input type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ 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.
<p>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.</p>	

3.4.2 Measuring Instruments

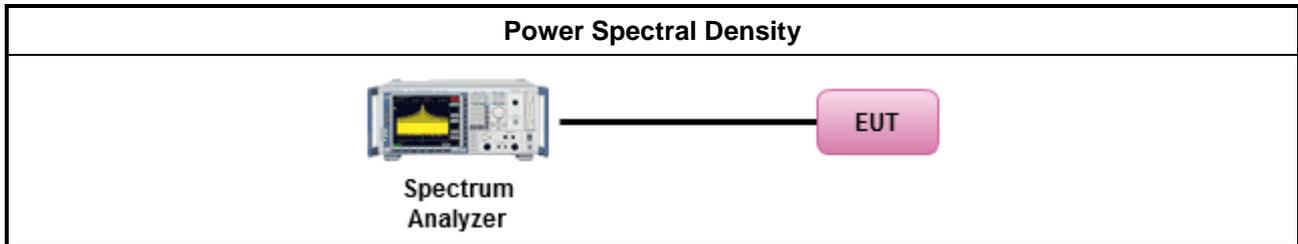
Refer a test equipment and calibration data table in this test report.



3.4.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ 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: 	
<input type="checkbox"/>	Refer as FCC KDB 789033, F5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
[duty cycle ≥ 98% or external video / power trigger]	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).
<input type="checkbox"/>	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	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
<ul style="list-style-type: none"> ▪ For conducted measurement. 	
<ul style="list-style-type: none"> ▪ If the EUT supports multiple transmit chains using options given below: 	
<input checked="" type="checkbox"/>	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.
<input type="checkbox"/>	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,
<input type="checkbox"/>	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.
<ul style="list-style-type: none"> ▪ 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
<input checked="" type="checkbox"/> 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m @3m]
<input type="checkbox"/> 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m @3m]
<input type="checkbox"/> 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m @3m]
<input checked="" type="checkbox"/> 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).

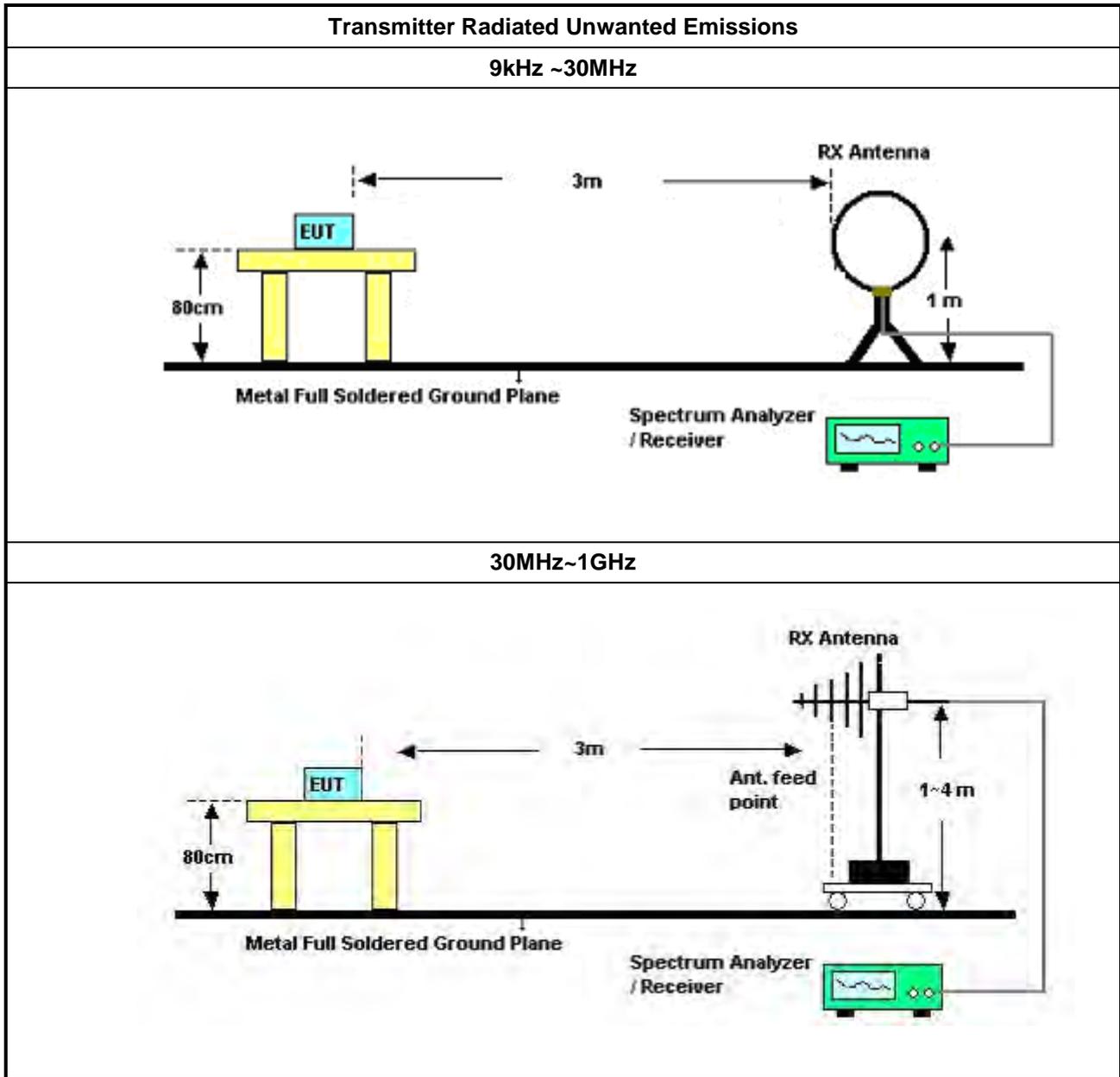
3.5.2 Measuring Instruments

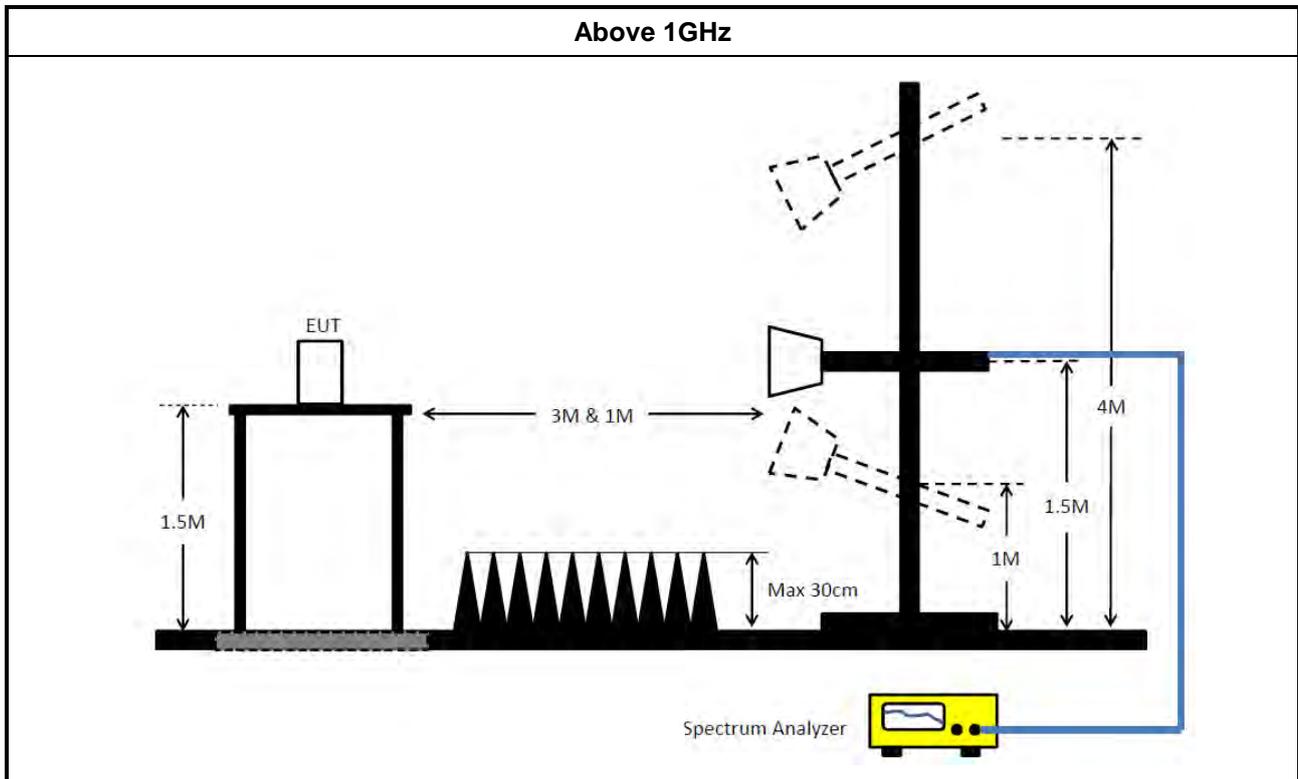
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method																	
<ul style="list-style-type: none"> ▪ 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). 																	
<ul style="list-style-type: none"> ▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor]. 																	
<ul style="list-style-type: none"> ▪ For the transmitter unwanted emissions shall be measured using following options below: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px;"></td> <td> <ul style="list-style-type: none"> ▪ Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands. </td> </tr> <tr> <td></td> <td> <ul style="list-style-type: none"> ▪ Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands. <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px;"><input type="checkbox"/></td> <td>Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.</td> </tr> </table> </td> </tr> </table> 			<ul style="list-style-type: none"> ▪ Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands. 		<ul style="list-style-type: none"> ▪ Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands. <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px;"><input type="checkbox"/></td> <td>Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.</td> </tr> </table> 	<input type="checkbox"/>	Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).	<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).	<input type="checkbox"/>	Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.	<input type="checkbox"/>	Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.	<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.	<input type="checkbox"/>	Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
	<ul style="list-style-type: none"> ▪ Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands. 																
	<ul style="list-style-type: none"> ▪ Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands. <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px;"><input type="checkbox"/></td> <td>Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.</td> </tr> </table> 	<input type="checkbox"/>	Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).	<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).	<input type="checkbox"/>	Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.	<input type="checkbox"/>	Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.	<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.	<input type="checkbox"/>	Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.				
<input type="checkbox"/>	Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).																
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).																
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<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.																
<input type="checkbox"/>	Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.																
<ul style="list-style-type: none"> ▪ For radiated measurement. <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px;"></td> <td> <ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m. </td> </tr> <tr> <td></td> <td> <ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m. </td> </tr> <tr> <td></td> <td> <ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. </td> </tr> </table> 			<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m. 		<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m. 		<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. 										
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m. 																
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m. 																
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. 																
<ul style="list-style-type: none"> ▪ The any unwanted emissions level shall not exceed the fundamental emission level. 																	
<ul style="list-style-type: none"> ▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported. 																	

3.5.4 Test Setup





3.5.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

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

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Dec. 04, 2020	Dec. 03, 2021	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Nov. 20, 2020	Nov. 19, 2021	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	Mar. 10, 2020	Mar. 09, 2021	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Mar. 19, 2020	Mar. 18, 2021	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 20, 2020	Oct. 19, 2021	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH06-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 10, 2020	Aug. 09, 2021	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 02, 2020	Oct. 01, 2021	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMC I	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Aug. 02, 2020	Aug. 01, 2021	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 22, 2020	Jul. 21, 2021	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA917025 2	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 05, 2020	Nov. 04, 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-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 15, 2020	Dec. 14, 2021	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-05+24	30MHz~1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+24	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	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)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 26, 2020	Feb. 25, 2021	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 25, 2021	Feb. 24, 2022	Radiation (03CH04-CB)
Horn Antenna	ETS · Lindgren	3115	00143147	750MHz~18GHz	Oct. 23, 2020	Oct. 22, 2021	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA917025 2	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 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- HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH04-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	May 12, 2020	May 11, 2021	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz – 1GHz	Nov. 05, 2020	Nov. 04, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Nov. 05, 2020	Nov. 04, 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)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 05, 2020	May 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	1339408	300MHz~40GHz	Sep. 02, 2020	Sep. 01, 2021	Conducted (TH01-CB)
Power Meter	Anritsu	ML2495A	1517009	300MHz~40GHz	Sep. 02, 2020	Sep. 01, 2021	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

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

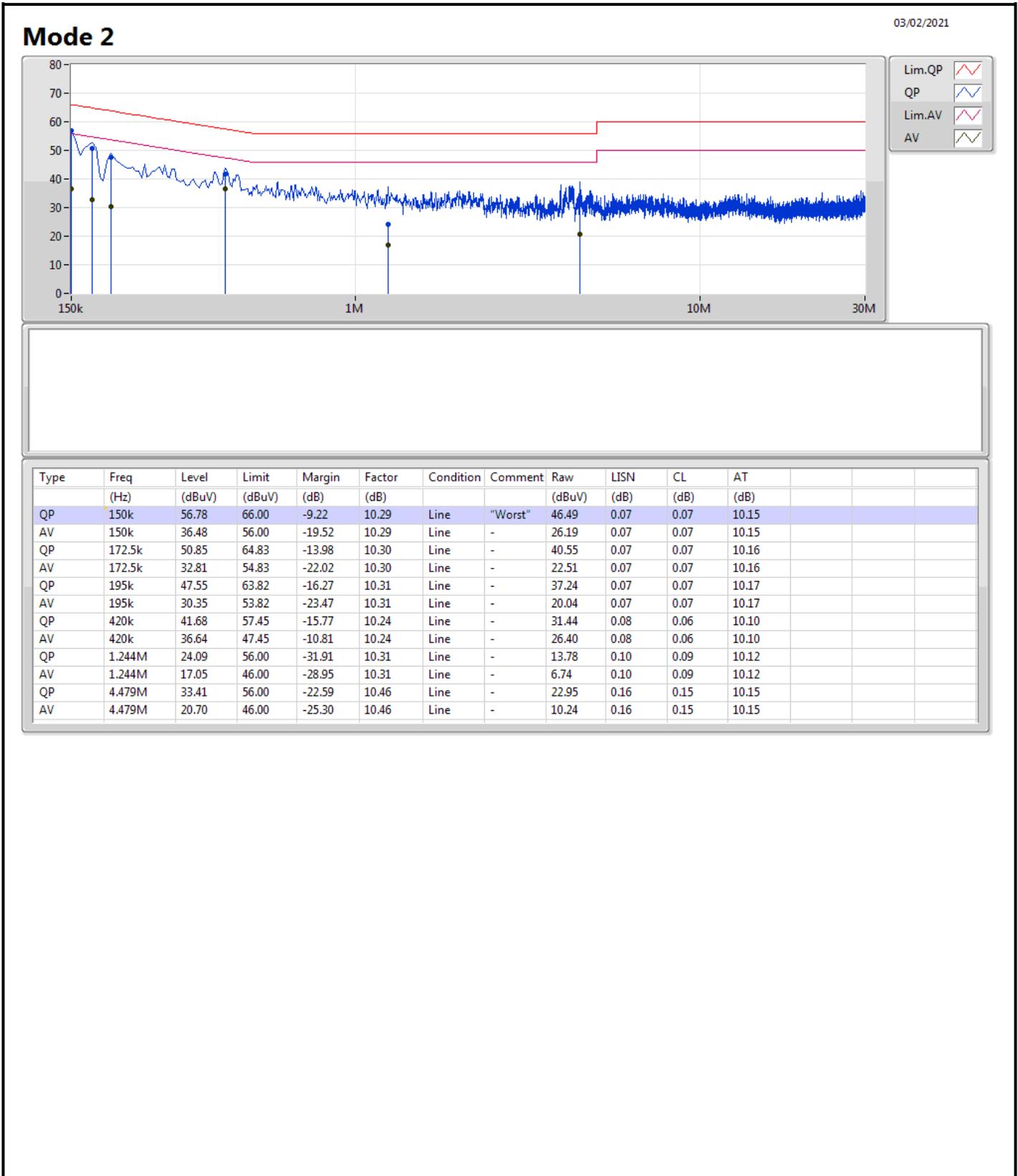


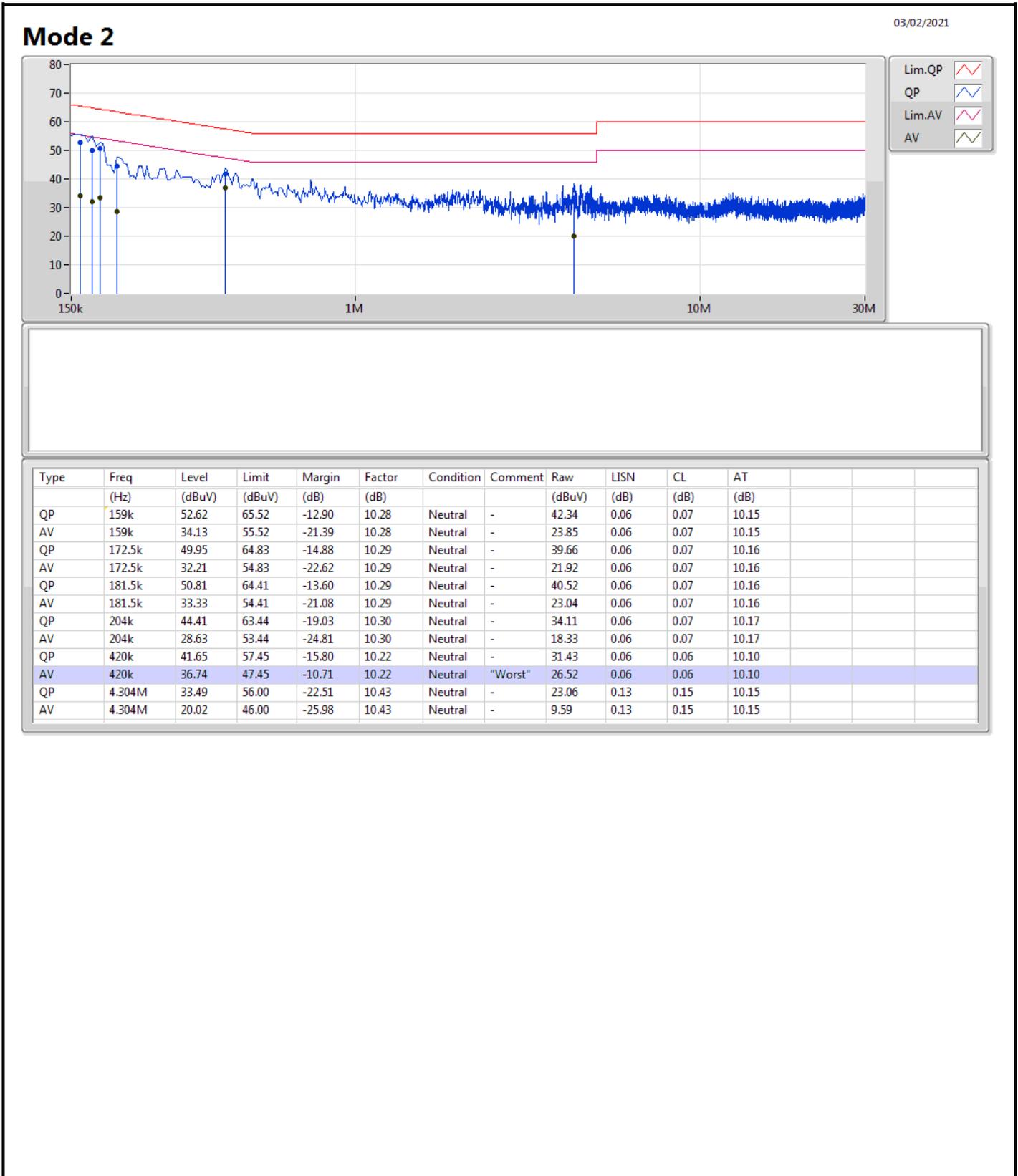
AC Power-line Conducted Emissions Result

Appendix A

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	QP	150k	56.78	66.00	-9.22	Line





**Mode 1, Non-beamforming mode
Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	33.51M	17.931M	17M9D1D	21.75M	16.882M
802.11ax HEW20_Nss2,(MCS0)_2TX	36.78M	19.31M	19M3D1D	22.98M	19.07M
802.11ax HEW40_Nss2,(MCS0)_2TX	44.16M	37.781M	37M8D1D	40.02M	37.541M
802.11ax HEW80_Nss2,(MCS0)_2TX	81.6M	77.241M	77M2D1D	81.48M	77.241M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.32M	23.868M	23M9D1D	16.02M	19.13M
802.11ax HEW20_Nss2,(MCS0)_2TX	18.84M	25.907M	25M9D1D	18.21M	19.97M
802.11ax HEW40_Nss2,(MCS0)_2TX	37.2M	41.319M	41M3D1D	36.9M	39.52M
802.11ax HEW80_Nss2,(MCS0)_2TX	76.44M	77.601M	77M6D1D	76.08M	77.601M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.75M	16.882M	22.71M	16.942M
5200MHz	Pass	Inf	30.84M	17.421M	33.51M	17.931M
5240MHz	Pass	Inf	27.24M	17.181M	30.3M	17.421M
5745MHz	Pass	500k	16.02M	23.598M	16.32M	23.868M
5785MHz	Pass	500k	16.26M	19.4M	16.32M	19.13M
5825MHz	Pass	500k	16.02M	23.298M	16.29M	21.889M
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	23.91M	19.07M	22.98M	19.1M
5200MHz	Pass	Inf	28.8M	19.28M	36.66M	19.31M
5240MHz	Pass	Inf	34.41M	19.22M	36.78M	19.28M
5745MHz	Pass	500k	18.84M	24.048M	18.66M	24.768M
5785MHz	Pass	500k	18.84M	20.99M	18.75M	19.97M
5825MHz	Pass	500k	18.21M	25.907M	18.39M	23.538M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.02M	37.541M	40.32M	37.661M
5230MHz	Pass	Inf	42.72M	37.721M	44.16M	37.781M
5755MHz	Pass	500k	37.08M	41.319M	37.2M	40.06M
5795MHz	Pass	500k	36.9M	40.3M	37.08M	39.52M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.6M	77.241M	81.48M	77.241M
5775MHz	Pass	500k	76.08M	77.601M	76.44M	77.601M

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

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

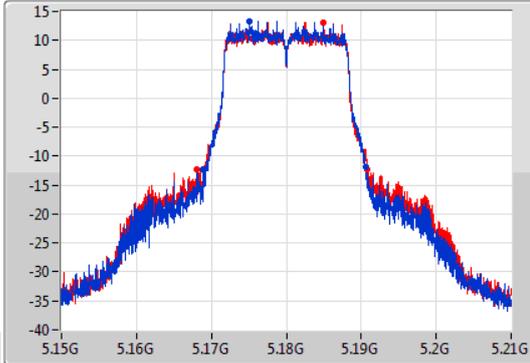
802.11a_Nss1,(6Mbps)_2TX

EBW

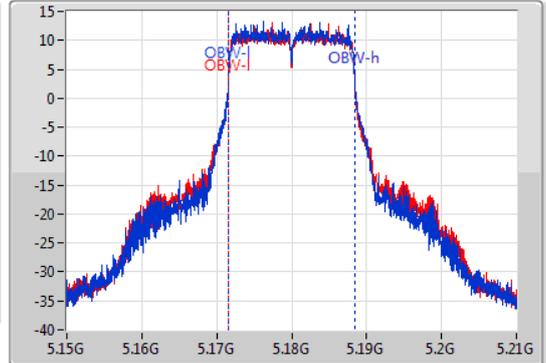
5180MHz

02/02/2021

CF
5.18GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.18GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.16893G	5.19068G	16.882M	5.171574G	5.188456G	Inf	1
22.71M	5.16812G	5.19083G	16.942M	5.171484G	5.188426G	Inf	2

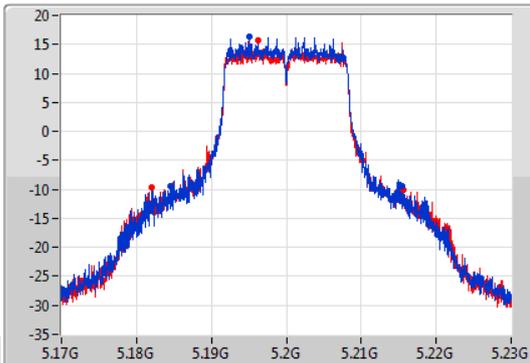
802.11a_Nss1,(6Mbps)_2TX

EBW

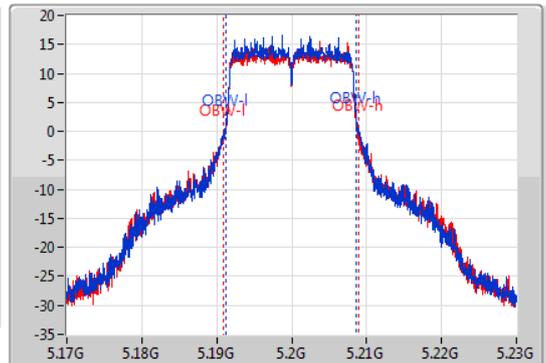
5200MHz

02/02/2021

CF
5.2GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.2GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



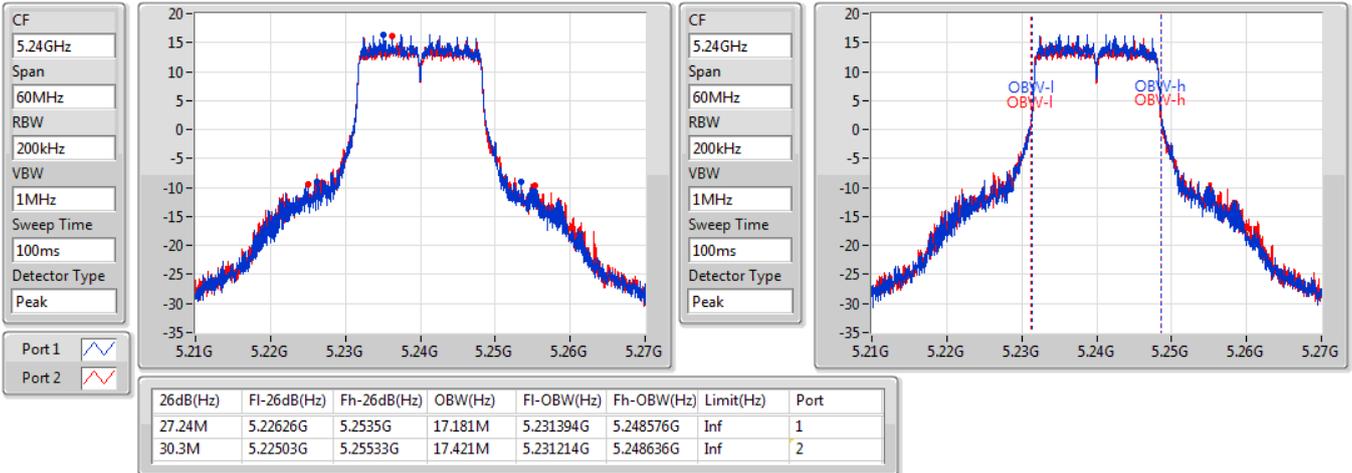
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.84M	5.18458G	5.21542G	17.421M	5.191244G	5.208666G	Inf	1
33.51M	5.18206G	5.21557G	17.931M	5.190945G	5.208876G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

02/02/2021

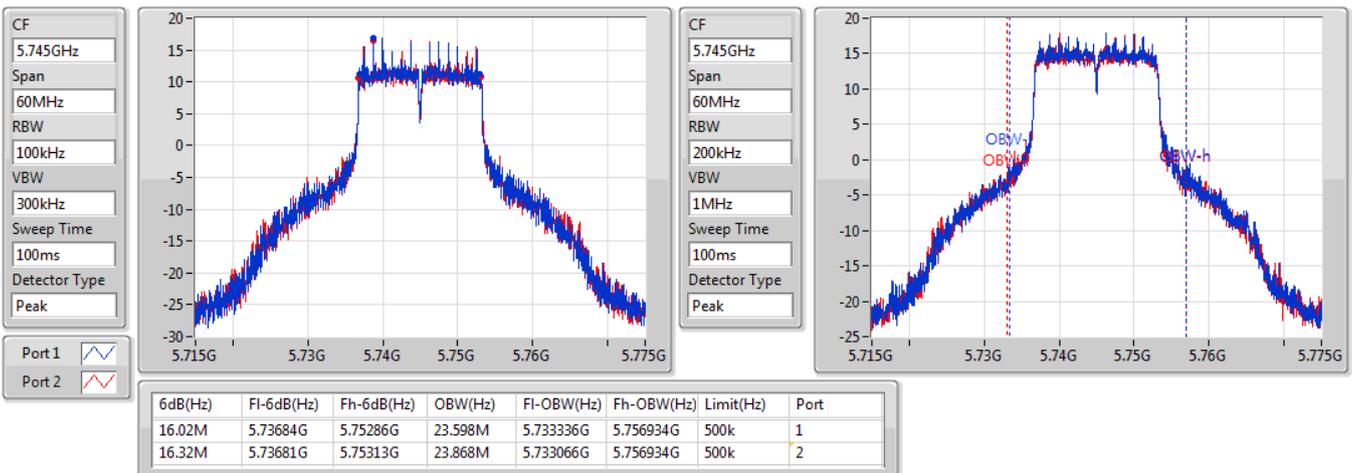


802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

02/02/2021



802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

02/02/2021

CF
5.785GHz

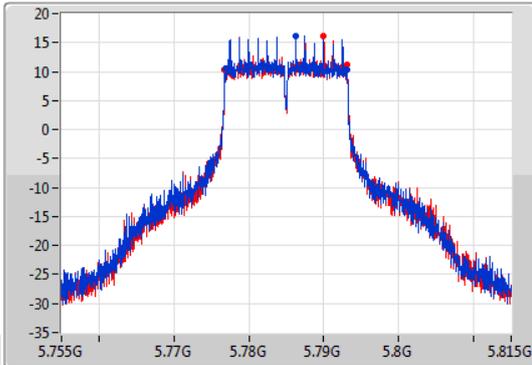
Span
60MHz

RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak



CF
5.785GHz

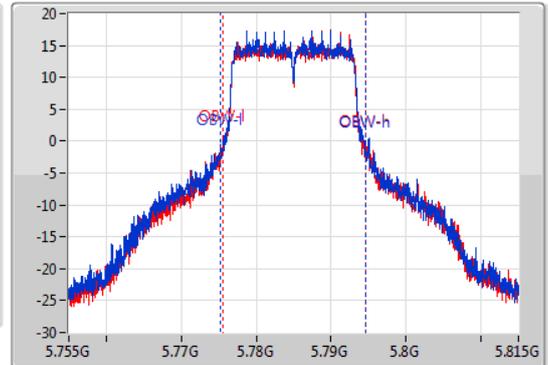
Span
60MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.26M	5.77684G	5.7931G	19.4M	5.775285G	5.794685G	500k	1
16.32M	5.77681G	5.79313G	19.13M	5.775555G	5.794685G	500k	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

02/02/2021

CF
5.825GHz

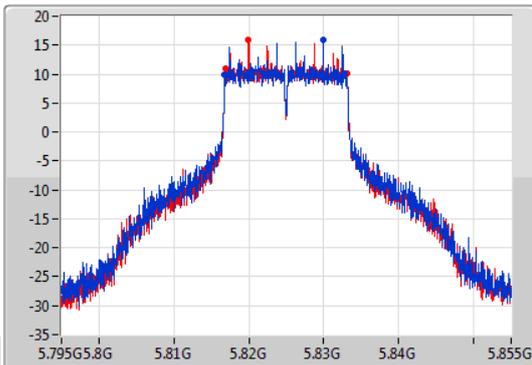
Span
60MHz

RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak



CF
5.825GHz

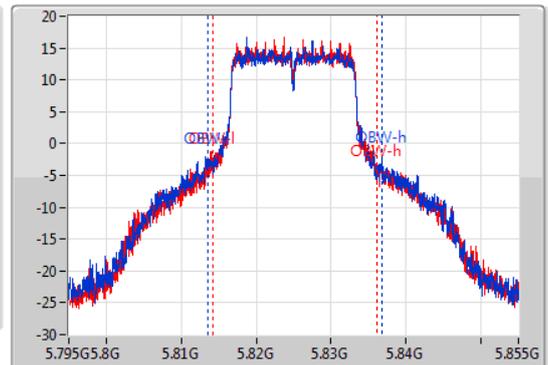
Span
60MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



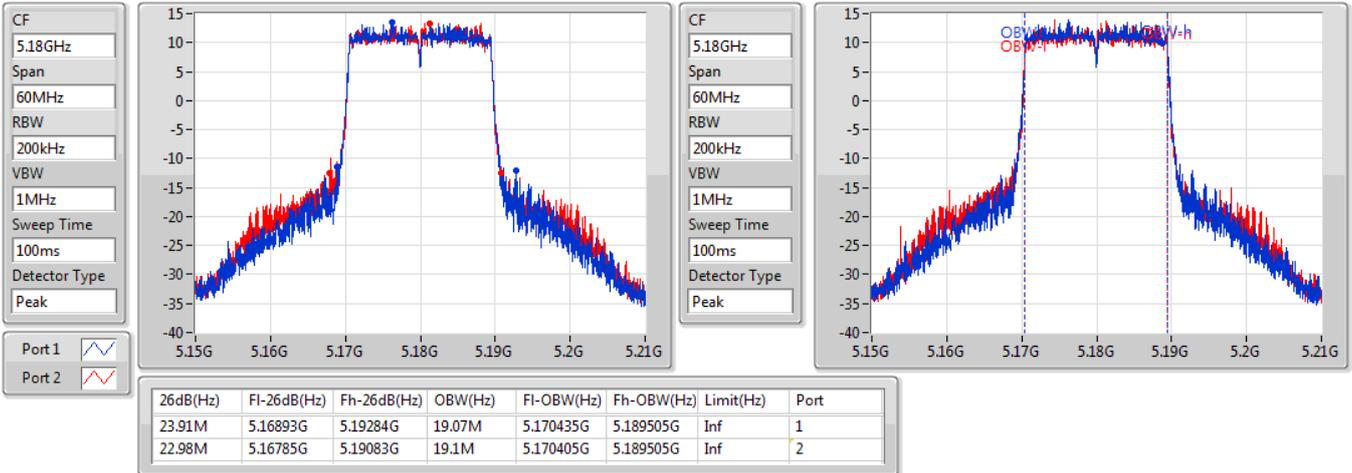
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.02M	5.81681G	5.83283G	23.298M	5.813486G	5.836784G	500k	1
16.29M	5.81684G	5.83313G	21.889M	5.814235G	5.836124G	500k	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5180MHz

02/02/2021

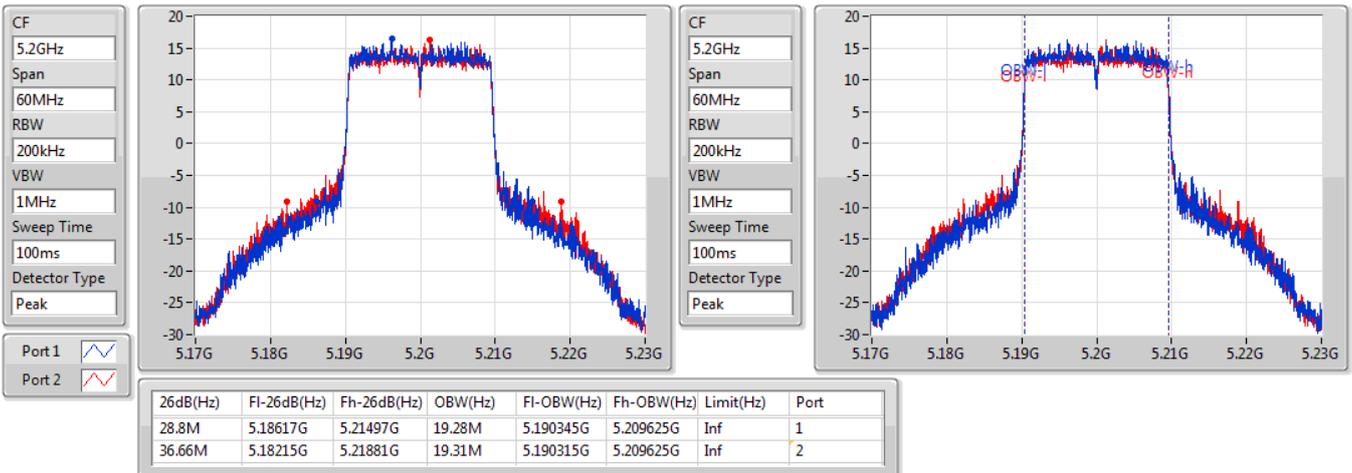


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5200MHz

02/02/2021

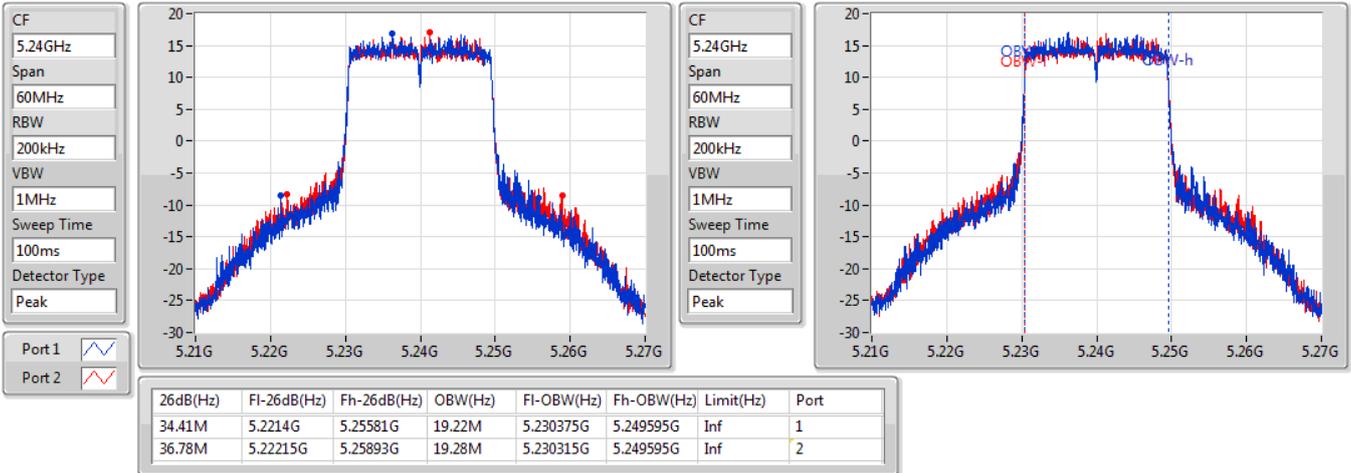


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5240MHz

02/02/2021

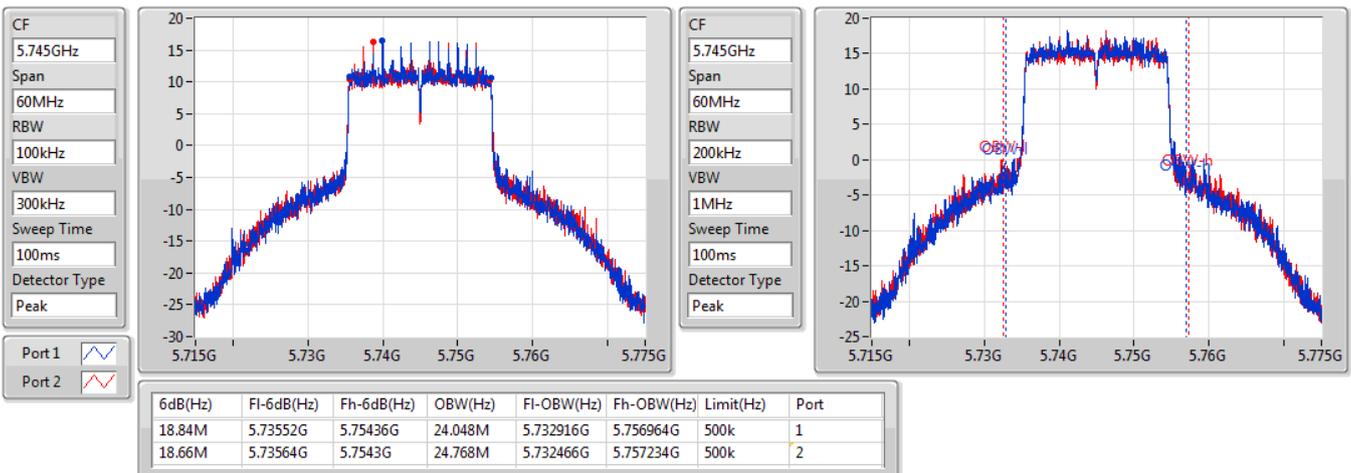


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5745MHz

02/02/2021

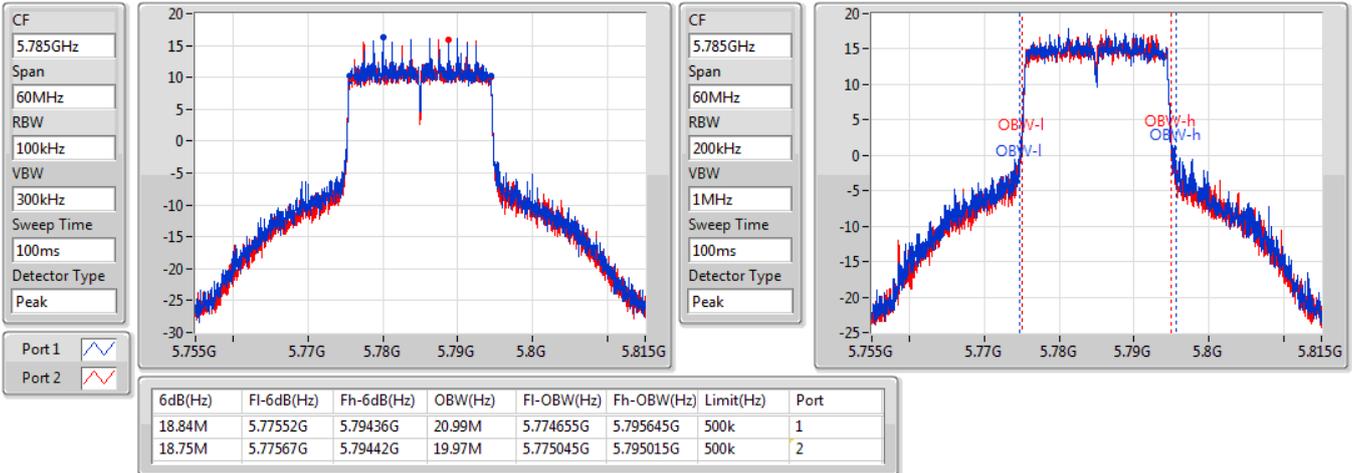


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5785MHz

02/02/2021

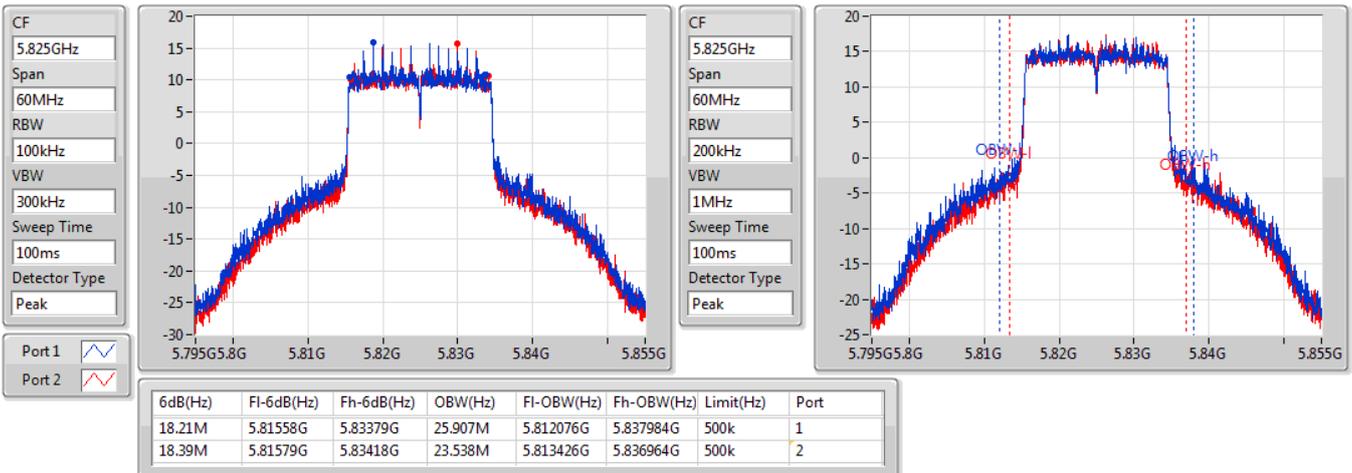


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5825MHz

02/02/2021

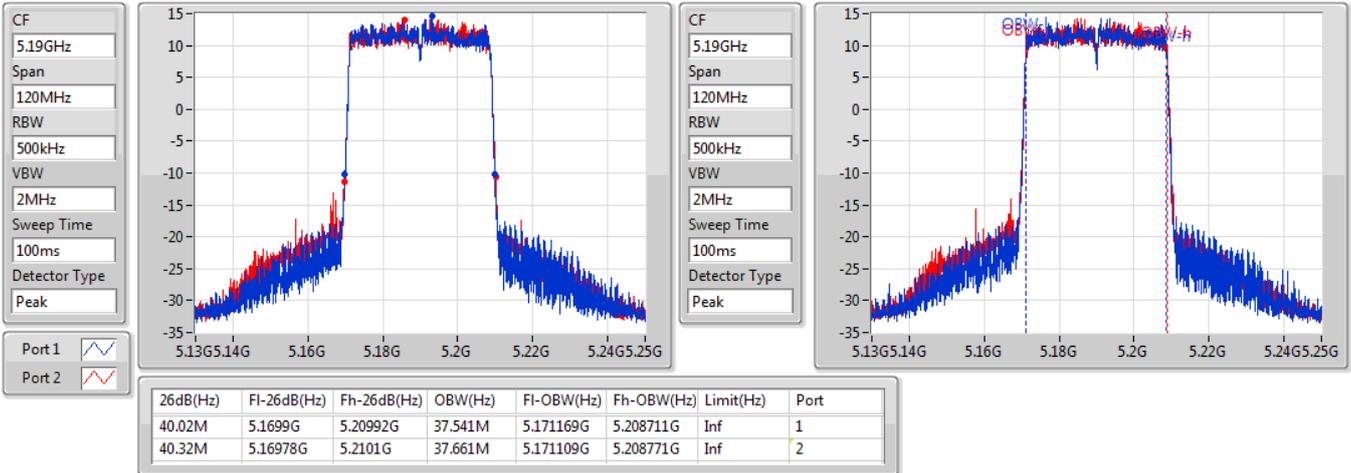


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5190MHz

02/02/2021

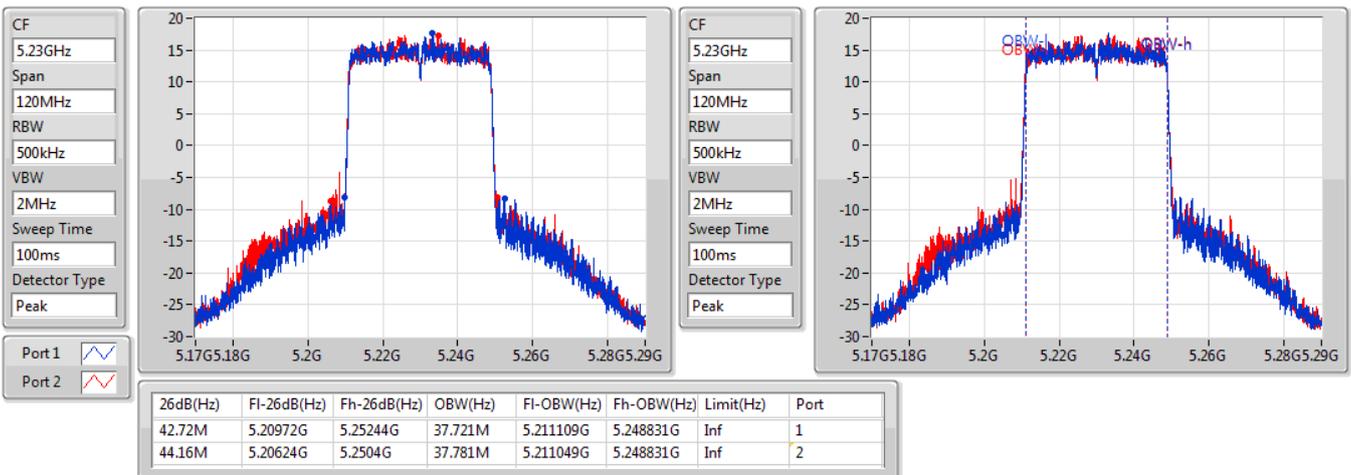


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5230MHz

02/02/2021

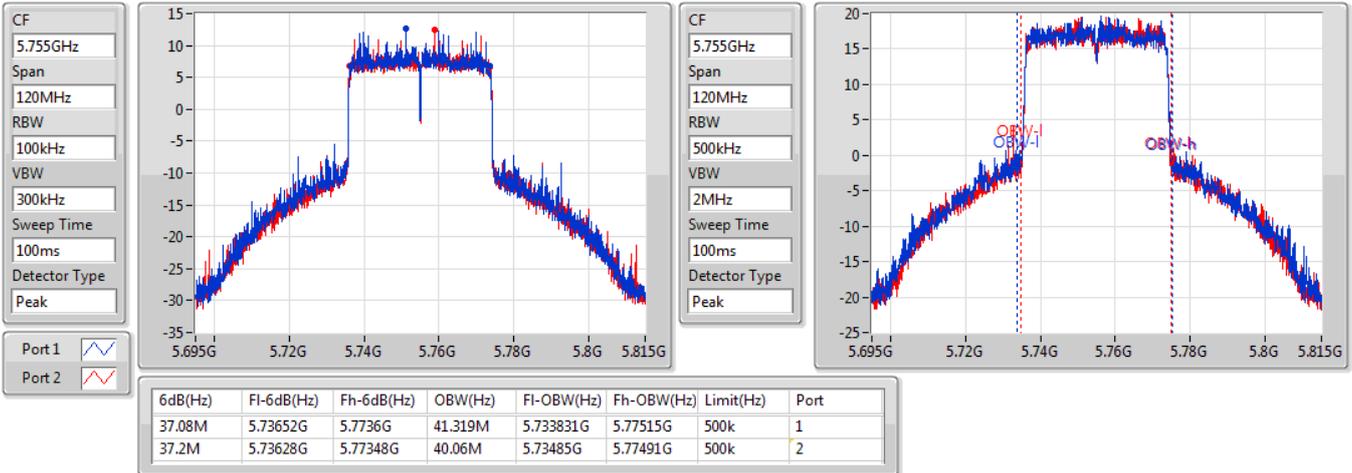


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5755MHz

02/02/2021

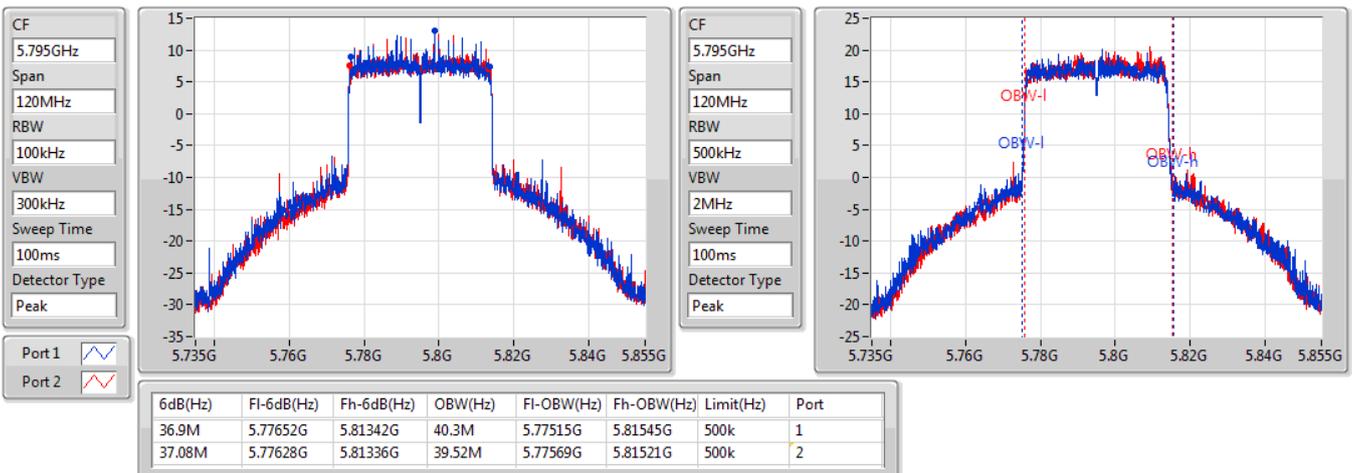


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5795MHz

02/02/2021

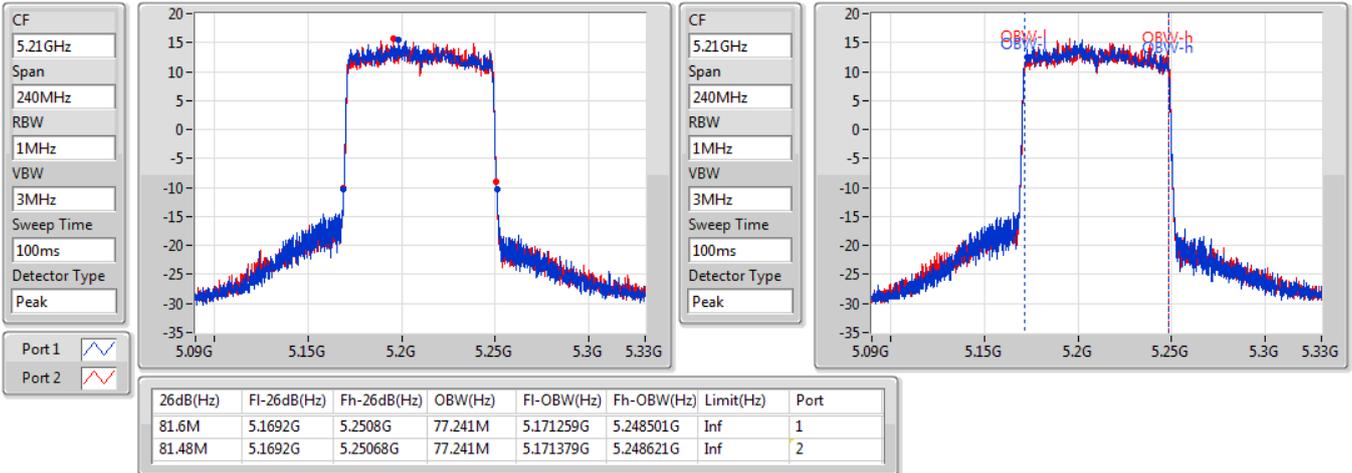


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5210MHz

02/02/2021

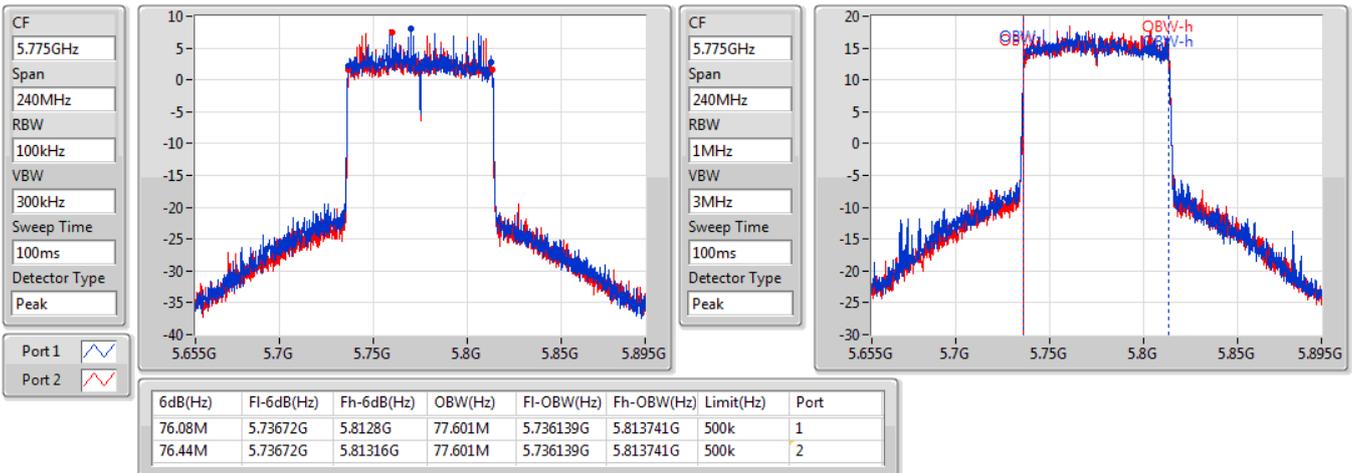


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5775MHz

02/02/2021



**Mode 2, Beamforming mode
Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	34.23M	19.25M	19M2D1D	21.54M	19.01M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	63.72M	37.781M	37M8D1D	40.02M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	82.08M	77.001M	77M0D1D	81.6M	76.882M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.81M	25.547M	25M5D1D	18M	19.64M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.26M	38.561M	38M6D1D	37.08M	38.261M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	76.44M	77.361M	77M4D1D	76.32M	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)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.54M	19.01M	21.57M	19.01M
5200MHz	Pass	Inf	29.94M	19.13M	34.2M	19.25M
5240MHz	Pass	Inf	34.02M	19.22M	34.23M	19.19M
5745MHz	Pass	500k	18.54M	23.568M	18M	24.498M
5785MHz	Pass	500k	18.51M	20.42M	18.81M	19.64M
5825MHz	Pass	500k	18.27M	25.547M	18.75M	23.748M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.14M	37.481M	40.02M	37.541M
5230MHz	Pass	Inf	42M	37.661M	63.72M	37.781M
5755MHz	Pass	500k	37.2M	38.381M	37.14M	38.261M
5795MHz	Pass	500k	37.08M	38.561M	37.26M	38.261M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.6M	77.001M	82.08M	76.882M
5775MHz	Pass	500k	76.32M	77.361M	76.44M	77.241M

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

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

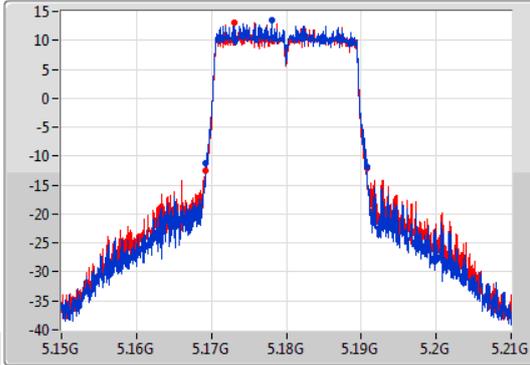
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

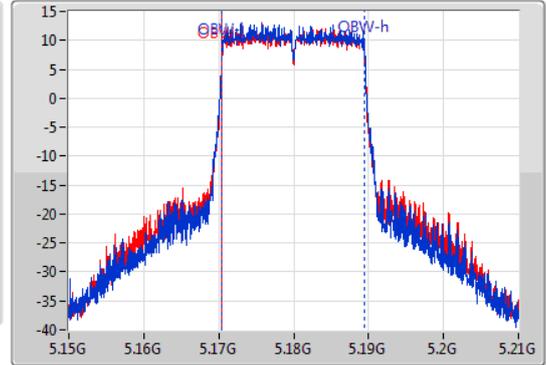
5180MHz

02/02/2021

CF
5.18GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.18GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.16926G	5.1908G	19.01M	5.170465G	5.189475G	Inf	1
21.57M	5.1692G	5.19077G	19.01M	5.170465G	5.189475G	Inf	2

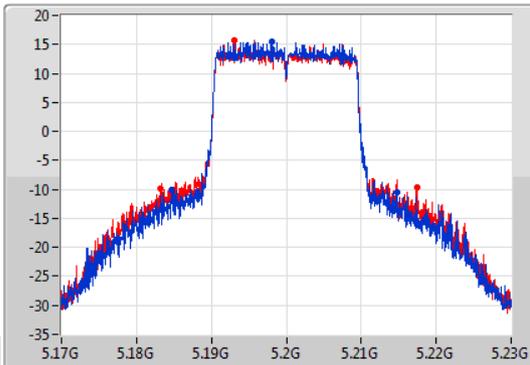
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

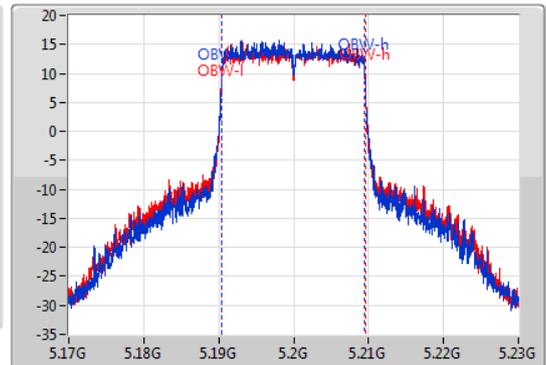
5200MHz

02/02/2021

CF
5.2GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.2GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



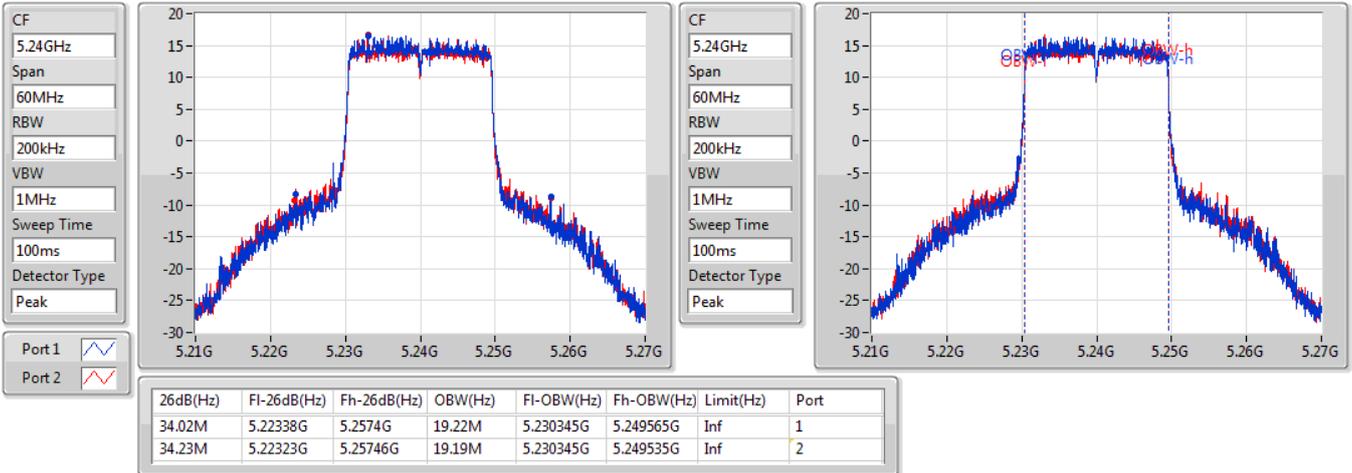
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.94M	5.18479G	5.21473G	19.13M	5.190375G	5.209505G	Inf	1
34.2M	5.18323G	5.21743G	19.25M	5.190315G	5.209565G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5240MHz

02/02/2021

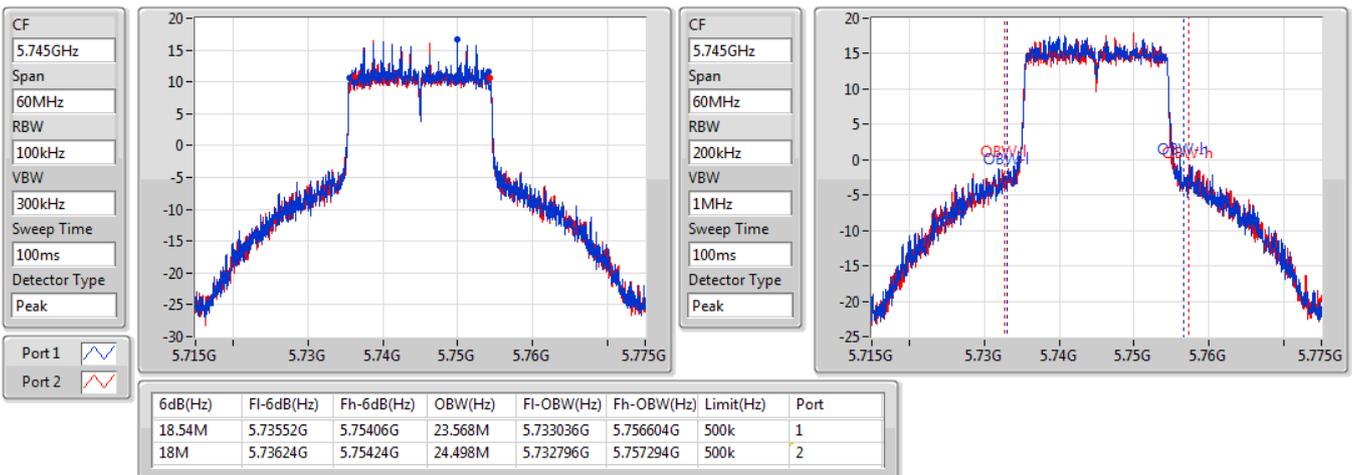


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5745MHz

02/02/2021



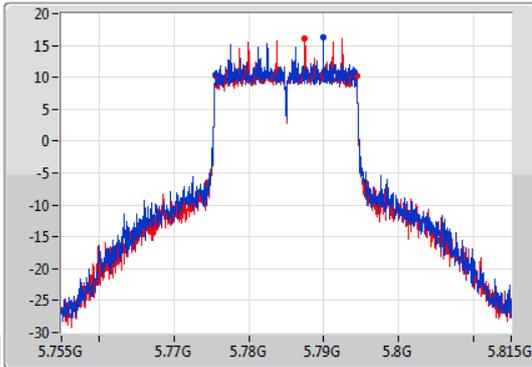
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

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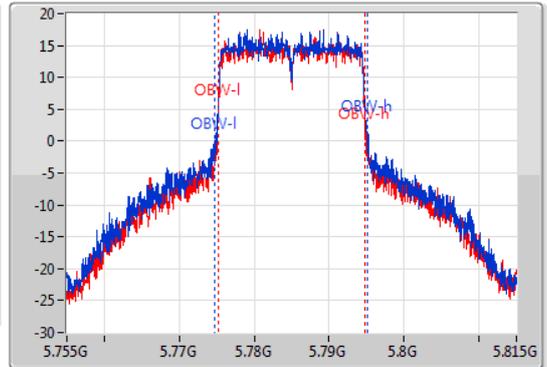
5785MHz

02/02/2021

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



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



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.51M	5.77555G	5.79406G	20.42M	5.774745G	5.795165G	500k	1
18.81M	5.77561G	5.79442G	19.64M	5.775165G	5.794805G	500k	2

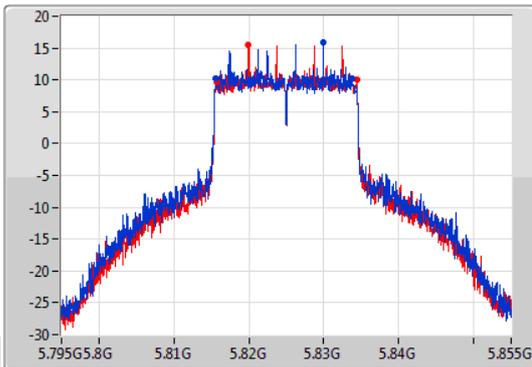
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

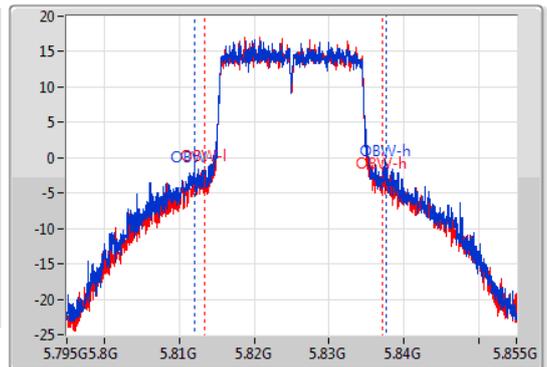
5825MHz

02/02/2021

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



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



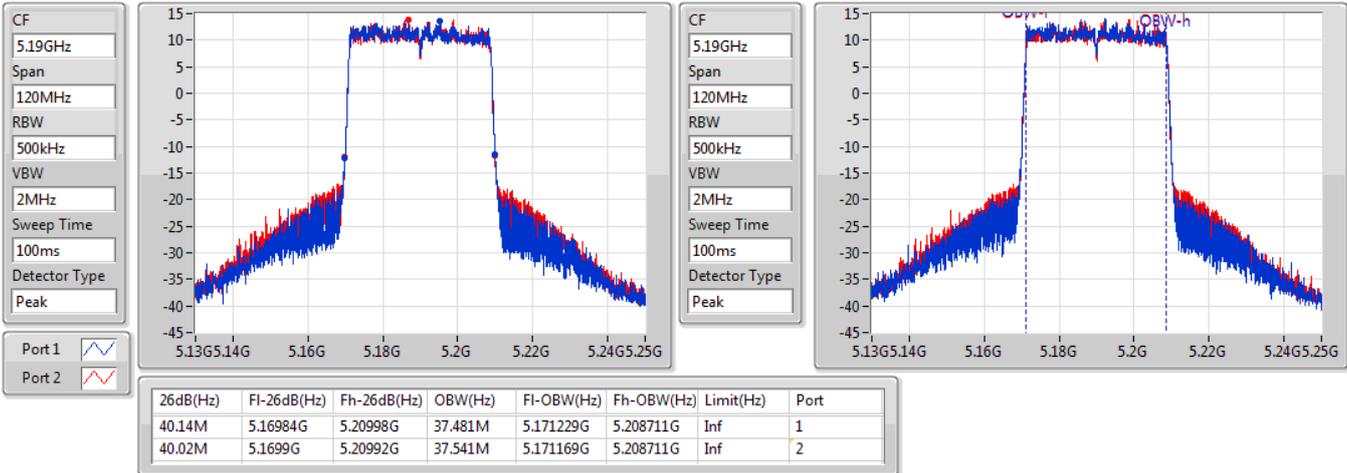
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.27M	5.81555G	5.83382G	25.547M	5.812106G	5.837654G	500k	1
18.75M	5.81567G	5.83442G	23.748M	5.813306G	5.837054G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5190MHz

02/02/2021

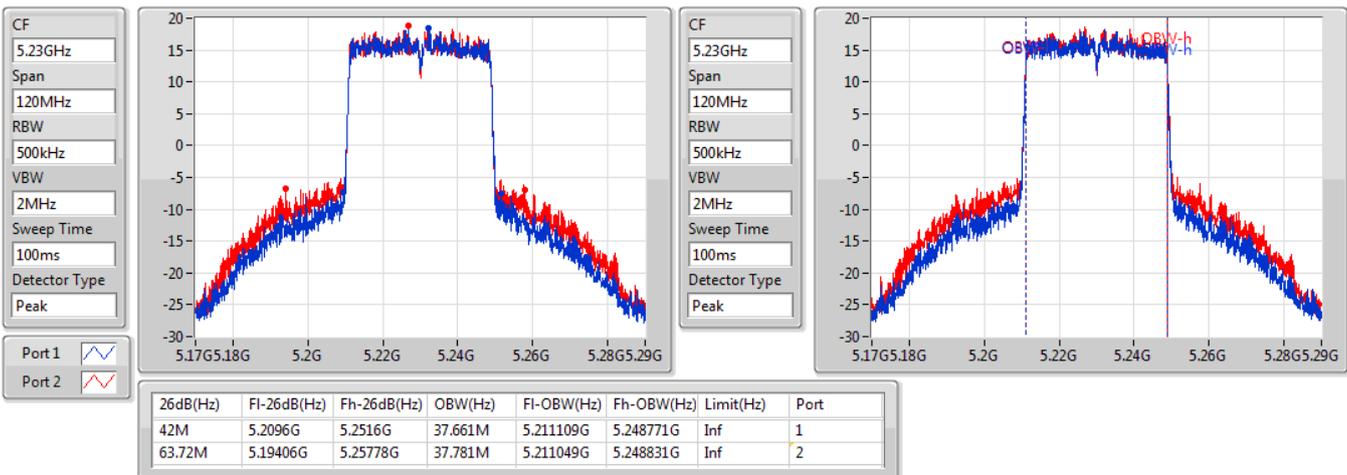


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5230MHz

02/02/2021



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5755MHz

02/02/2021

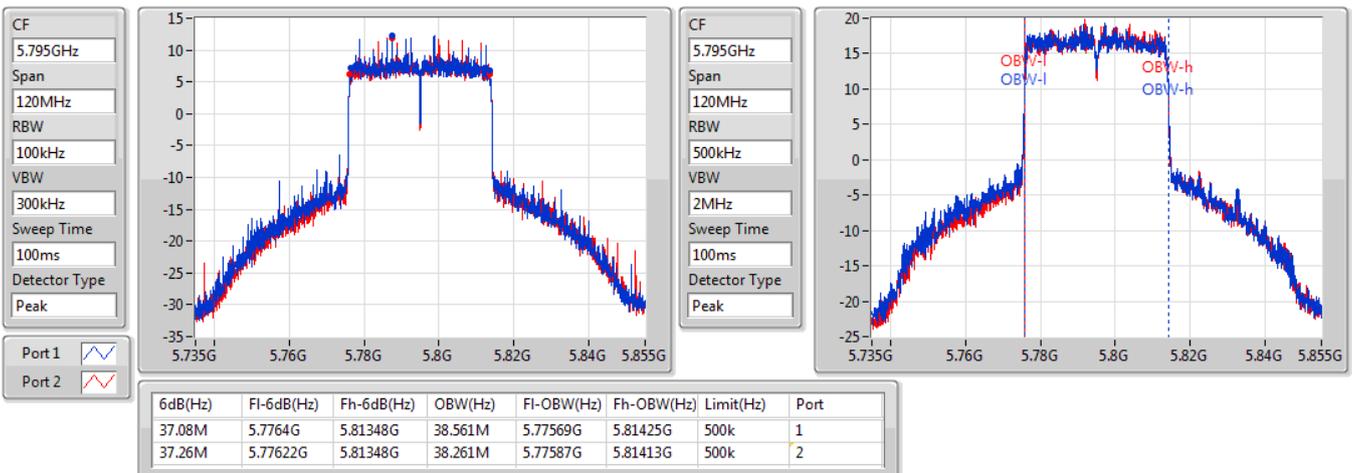


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5795MHz

02/02/2021

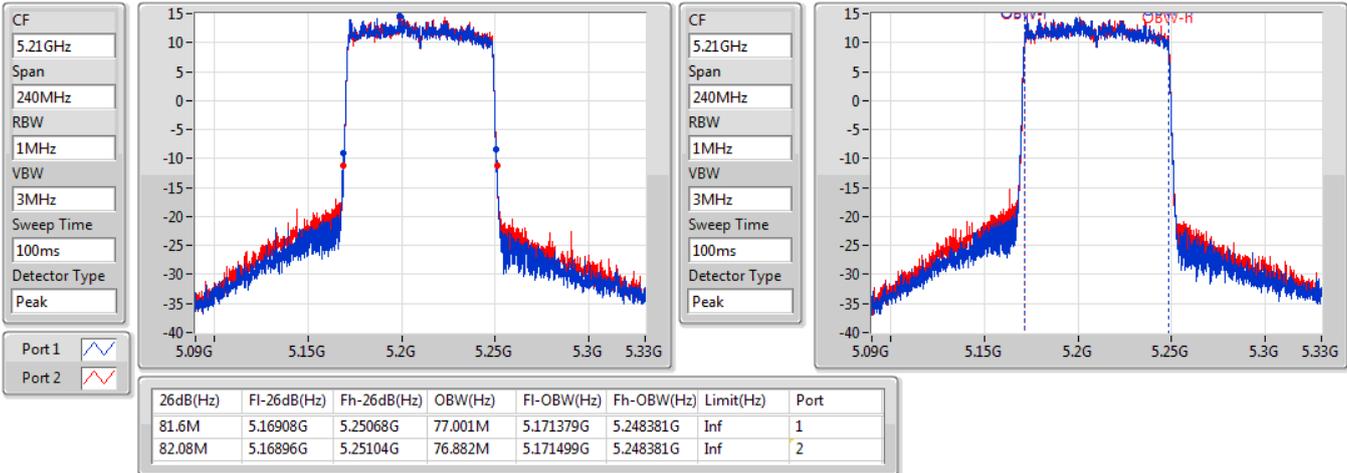


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5210MHz

02/02/2021

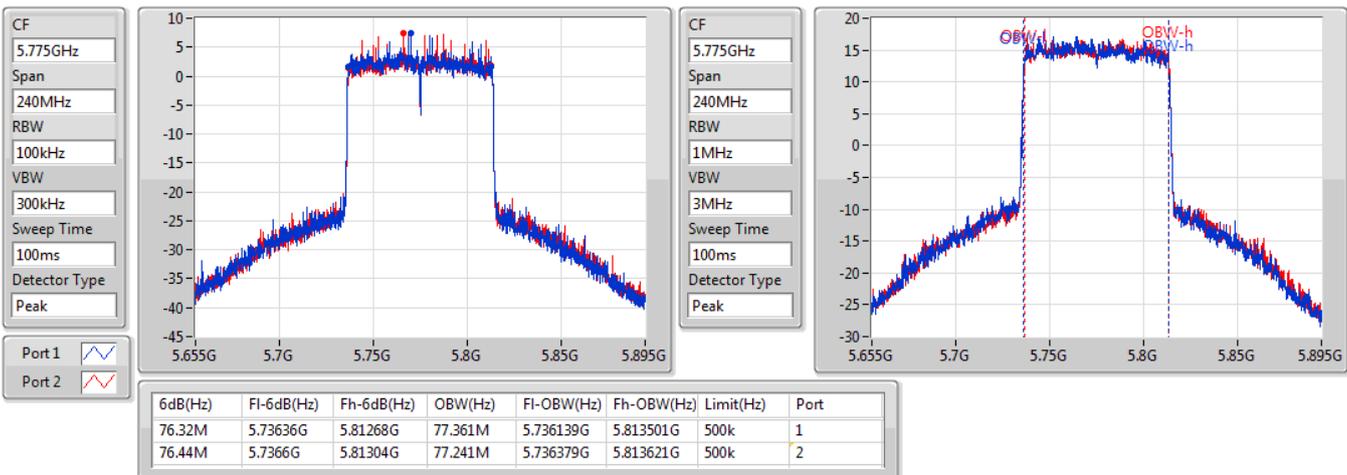


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5775MHz

02/02/2021





**Mode 1, Non-beamforming mode
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	28.70	0.74131
802.11ax HEW20_Nss2,(MCS0)_2TX	28.83	0.76384
802.11ax HEW40_Nss2,(MCS0)_2TX	27.03	0.50466
802.11ax HEW80_Nss2,(MCS0)_2TX	24.79	0.30130
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	29.84	0.96383
802.11ax HEW20_Nss2,(MCS0)_2TX	29.93	0.98401
802.11ax HEW40_Nss2,(MCS0)_2TX	29.64	0.92045
802.11ax HEW80_Nss2,(MCS0)_2TX	27.70	0.58884



Average Power Result

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	2.31	23.48	23.41	26.46	30.00
5200MHz	Pass	2.31	25.64	25.27	28.47	30.00
5240MHz	Pass	2.31	25.80	25.58	28.70	30.00
5745MHz	Pass	2.21	26.89	26.76	29.84	30.00
5785MHz	Pass	2.21	26.51	26.38	29.46	30.00
5825MHz	Pass	2.21	26.02	26.06	29.05	30.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	2.31	22.86	22.91	25.90	30.00
5200MHz	Pass	2.31	25.39	25.13	28.27	30.00
5240MHz	Pass	2.31	25.95	25.69	28.83	30.00
5745MHz	Pass	2.21	26.95	26.89	29.93	30.00
5785MHz	Pass	2.21	26.74	26.55	29.66	30.00
5825MHz	Pass	2.21	26.12	26.27	29.21	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	2.31	21.01	21.08	24.06	30.00
5230MHz	Pass	2.31	24.08	23.95	27.03	30.00
5755MHz	Pass	2.21	26.65	26.49	29.58	30.00
5795MHz	Pass	2.21	26.58	26.67	29.64	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	2.31	21.92	21.64	24.79	30.00
5775MHz	Pass	2.21	24.77	24.61	27.70	30.00

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



**Mode 2, Beamforming mode
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	28.97	0.78886
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	28.24	0.66681
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	24.12	0.25823
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	29.90	0.97724
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	29.35	0.86099
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	27.21	0.52602



Average Power Result

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.30	22.34	22.29	25.33	30.00
5200MHz	Pass	5.30	25.07	24.82	27.96	30.00
5240MHz	Pass	5.30	26.08	25.83	28.97	30.00
5745MHz	Pass	5.20	26.91	26.86	29.90	30.00
5785MHz	Pass	5.20	26.74	26.58	29.67	30.00
5825MHz	Pass	5.20	26.16	26.23	29.21	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.30	20.63	20.47	23.56	30.00
5230MHz	Pass	5.30	25.08	25.37	28.24	30.00
5755MHz	Pass	5.20	26.19	26.04	29.13	30.00
5795MHz	Pass	5.20	26.31	26.37	29.35	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.30	21.16	21.05	24.12	30.00
5775MHz	Pass	5.20	24.23	24.17	27.21	30.00

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



Mode 1, Non-beamforming mode
Summary

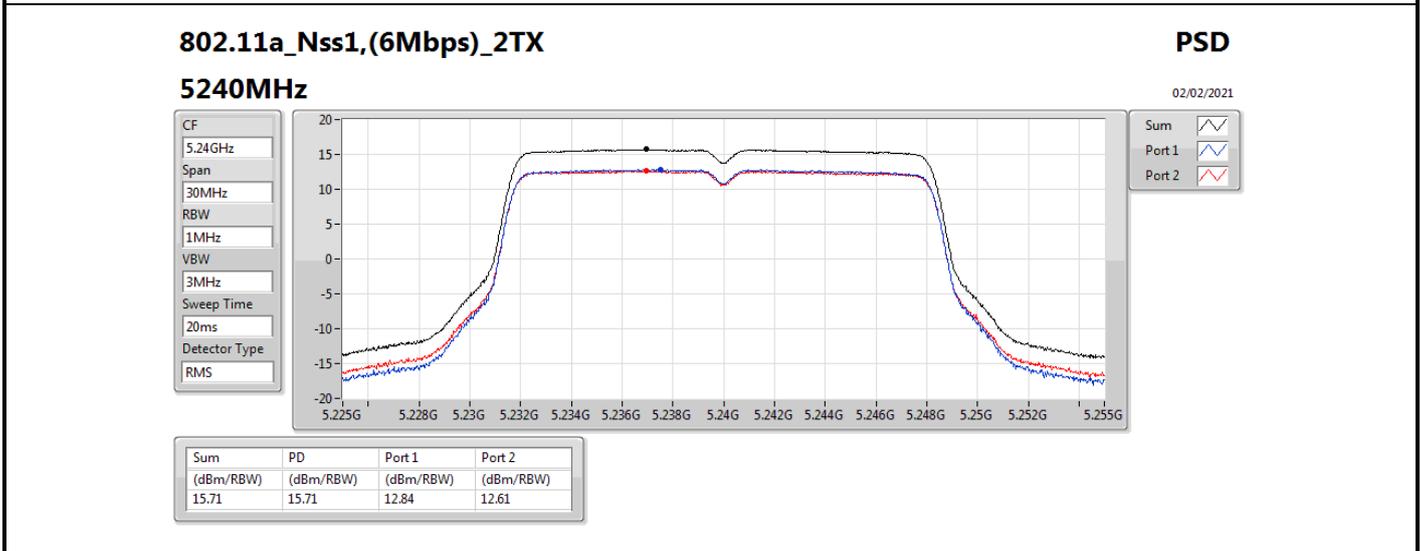
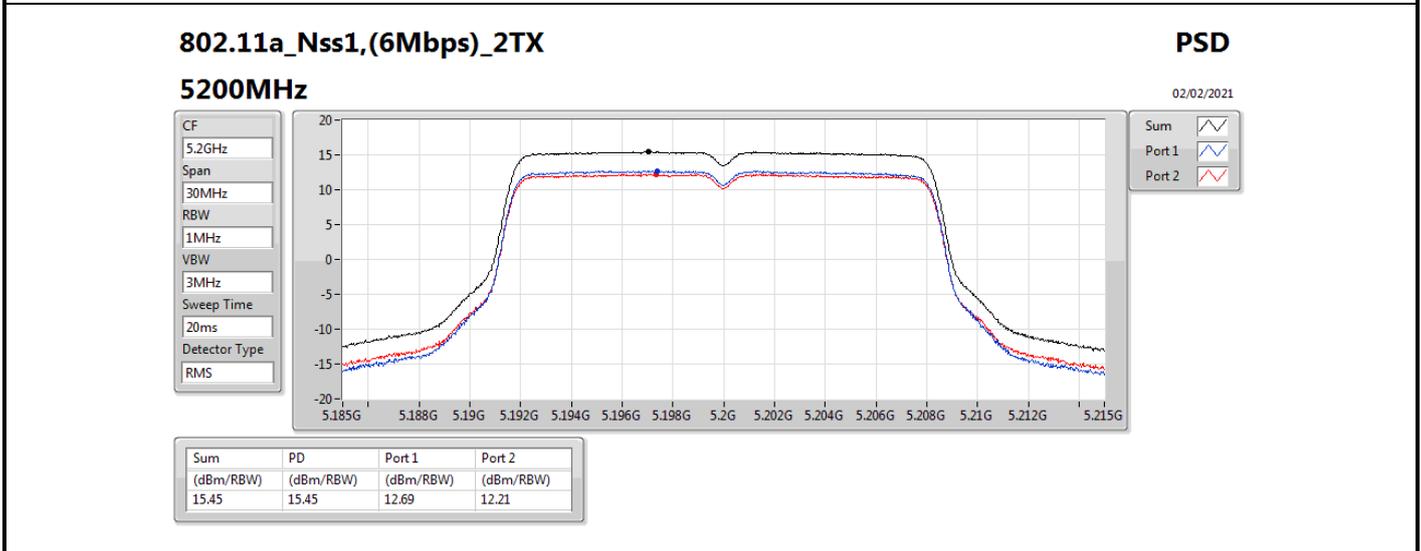
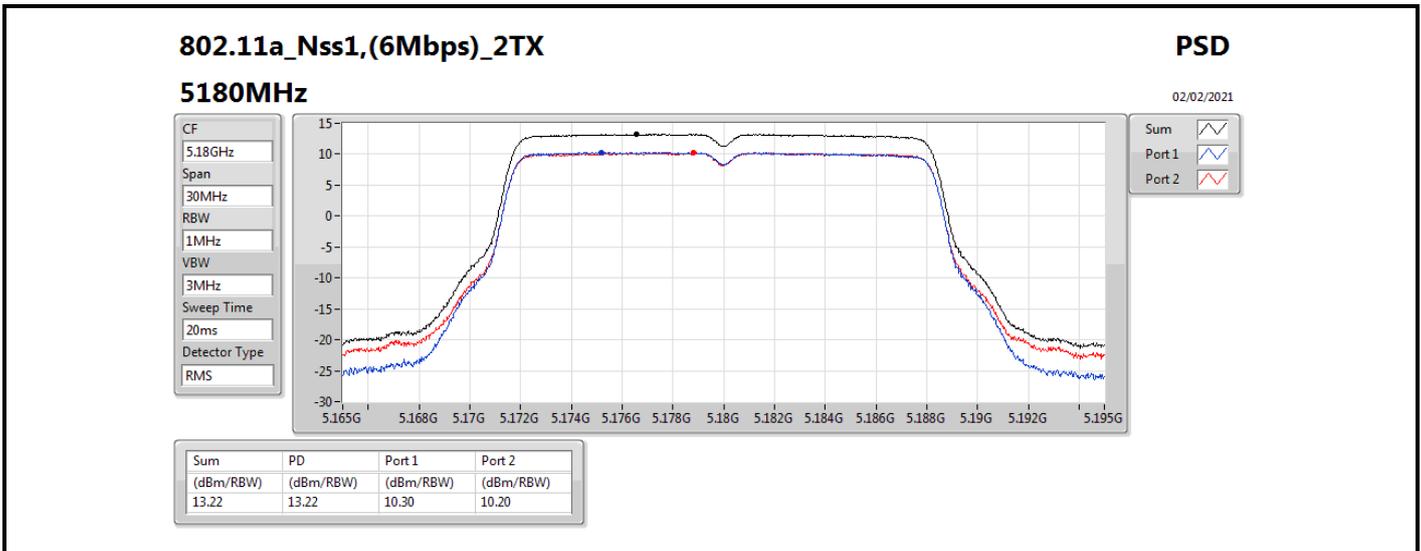
Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	15.71
802.11ax HEW20_Nss2,(MCS0)_2TX	15.38
802.11ax HEW40_Nss2,(MCS0)_2TX	10.75
802.11ax HEW80_Nss2,(MCS0)_2TX	5.54
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	15.34
802.11ax HEW20_Nss2,(MCS0)_2TX	14.77
802.11ax HEW40_Nss2,(MCS0)_2TX	11.64
802.11ax HEW80_Nss2,(MCS0)_2TX	6.79

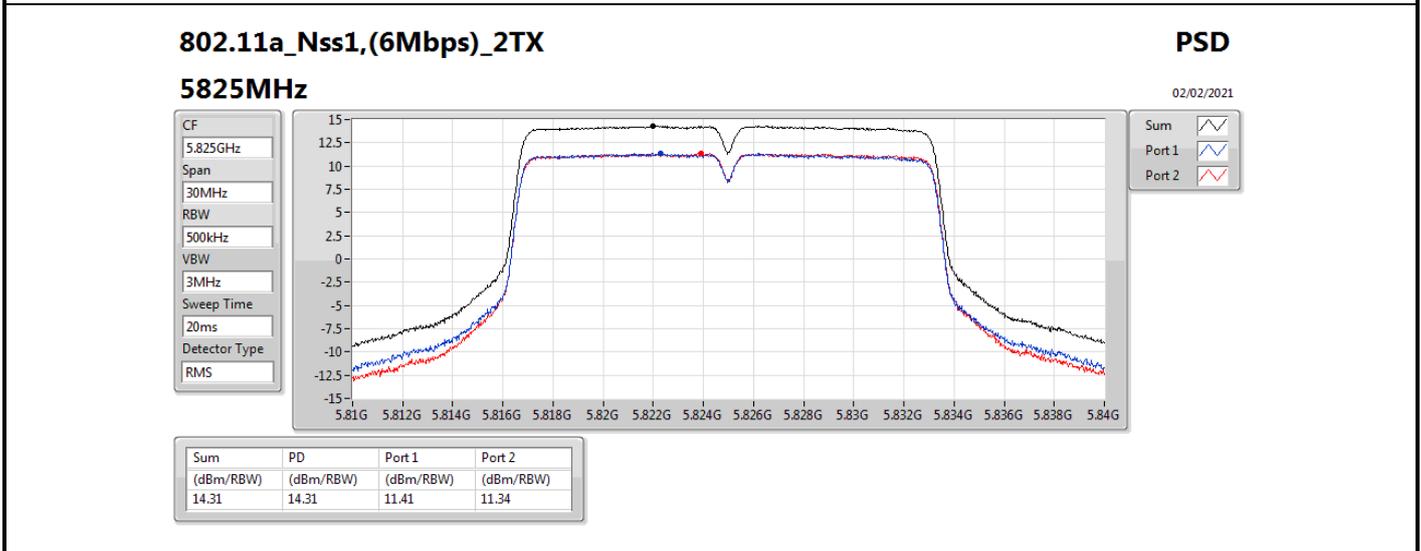
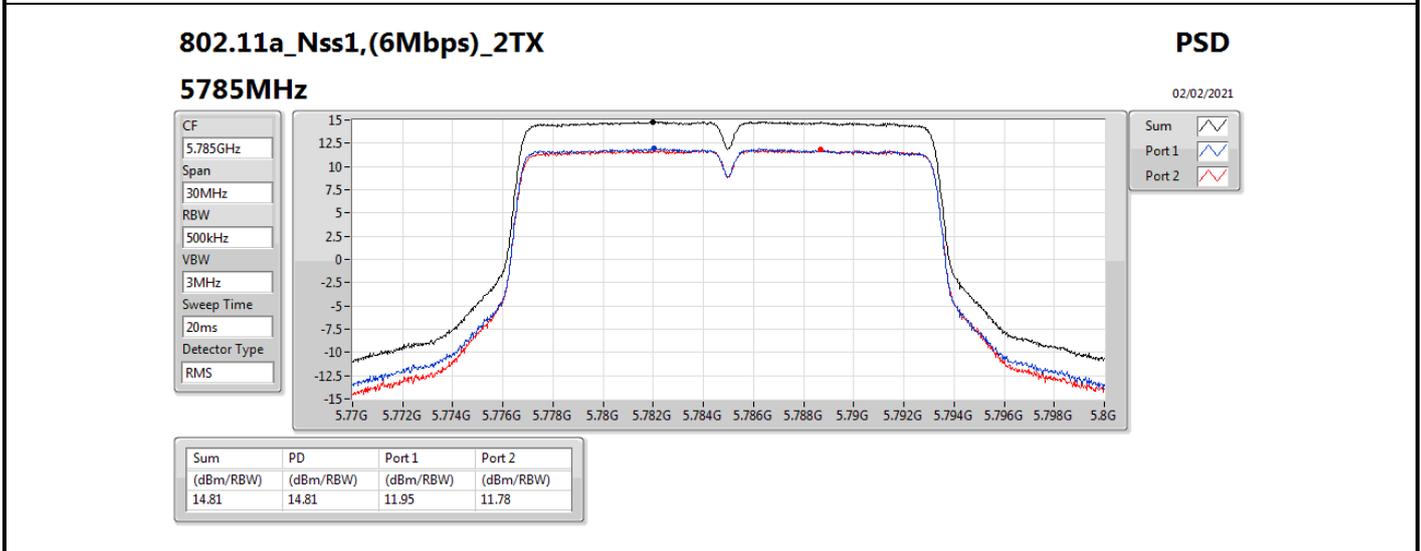
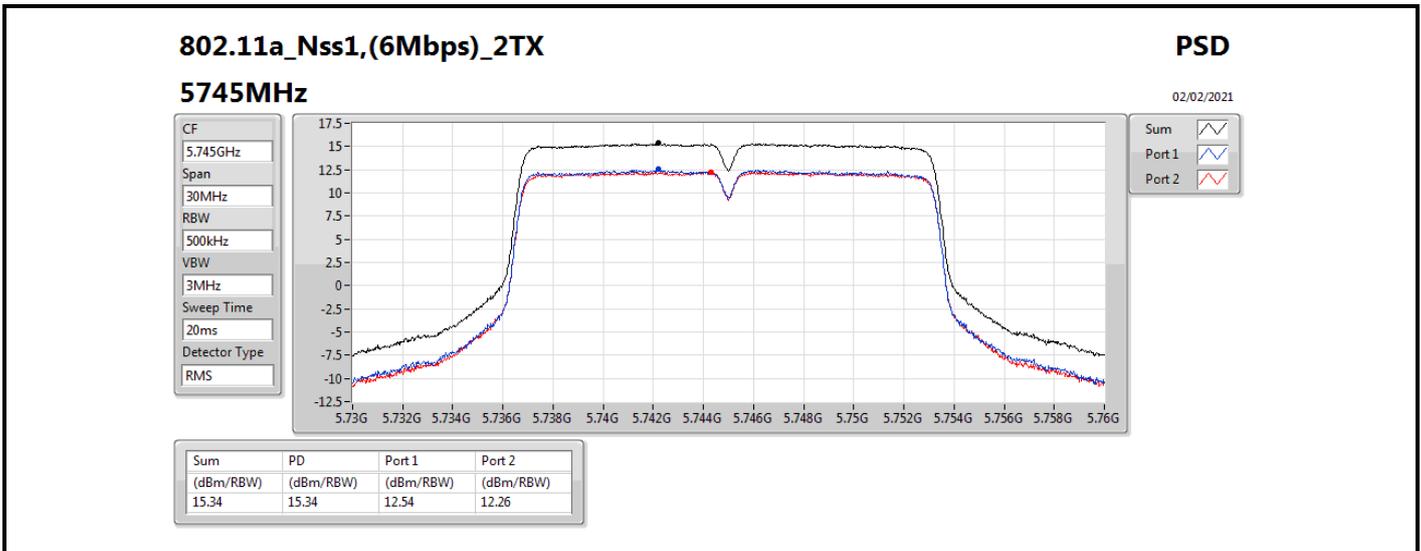
RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

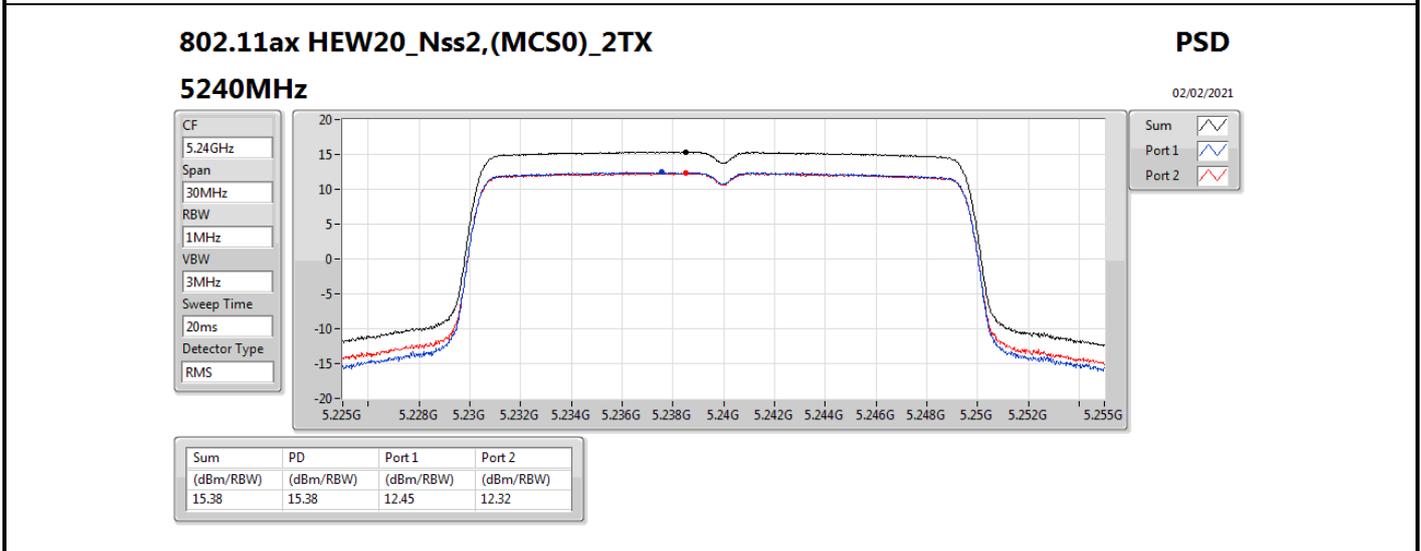
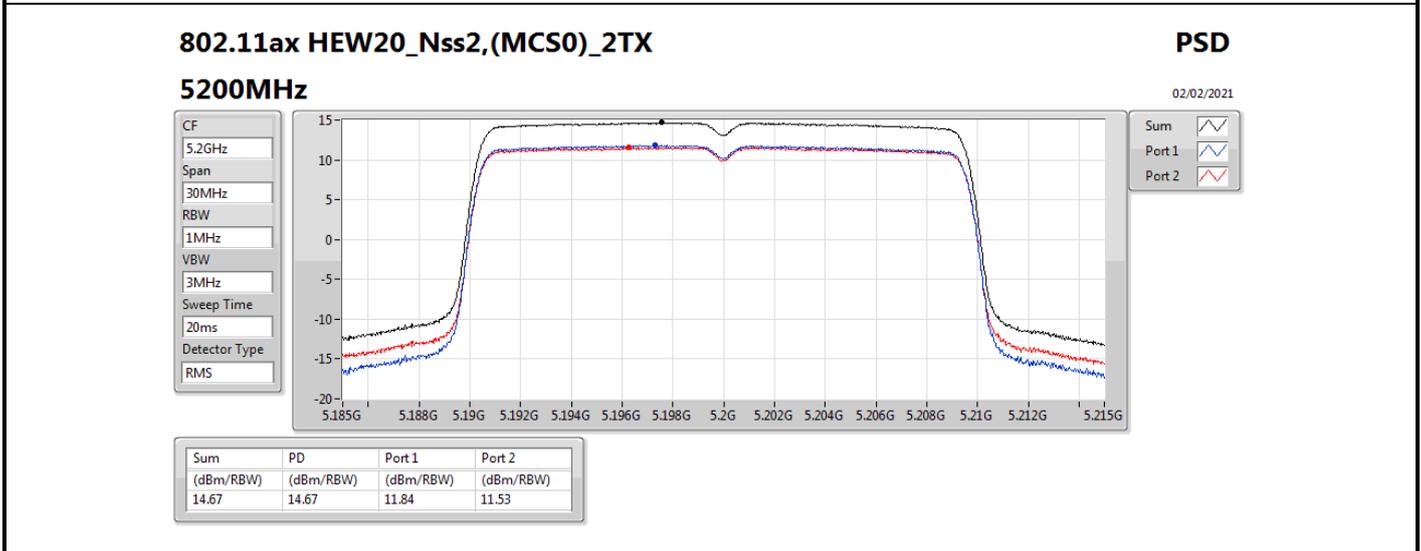
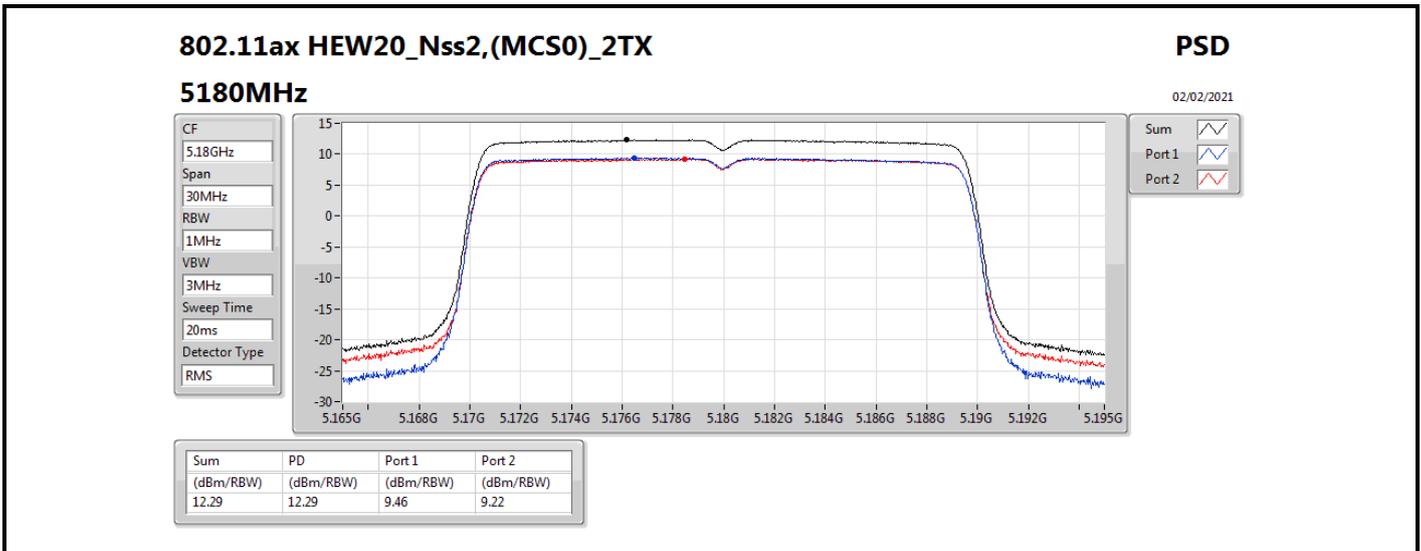
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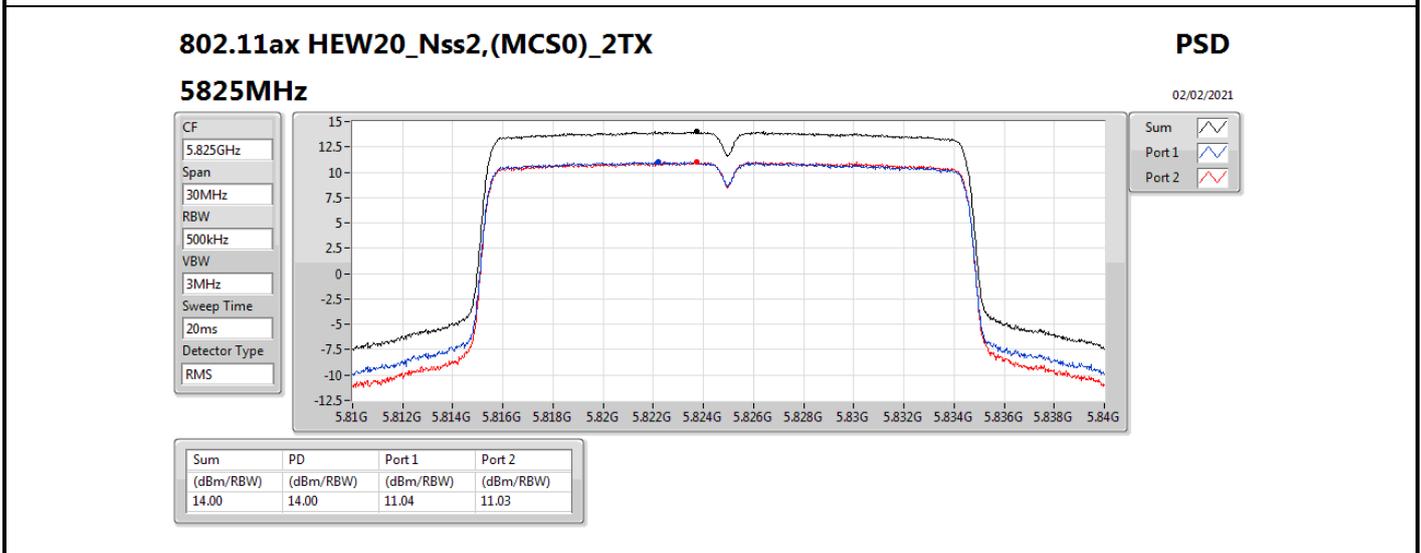
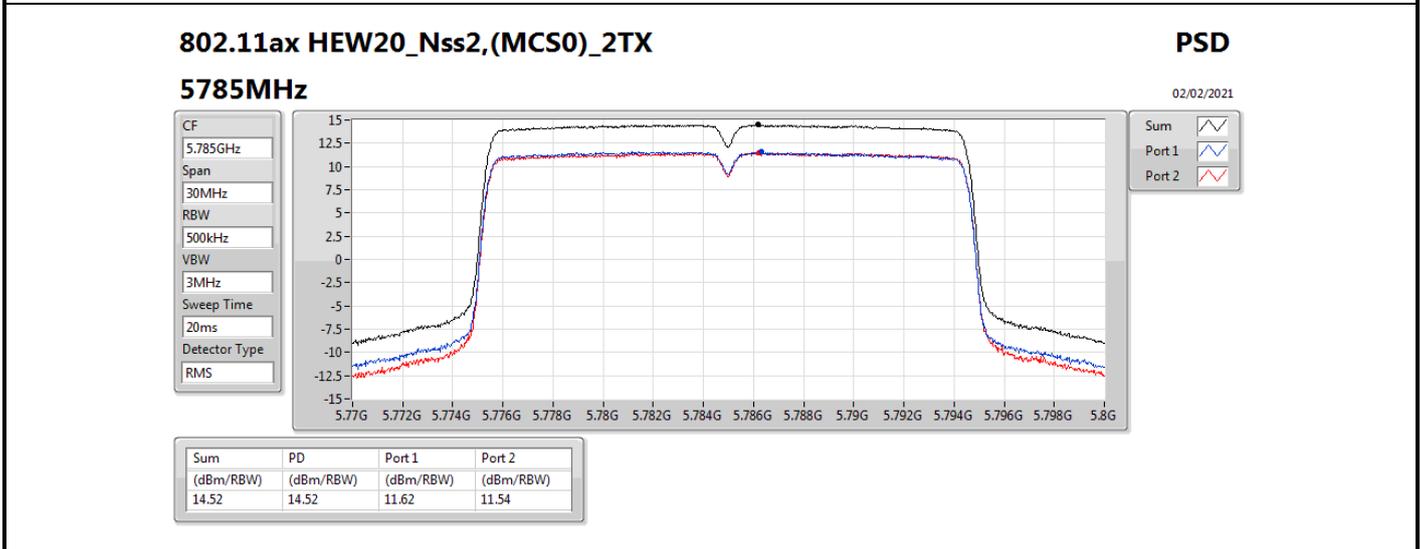
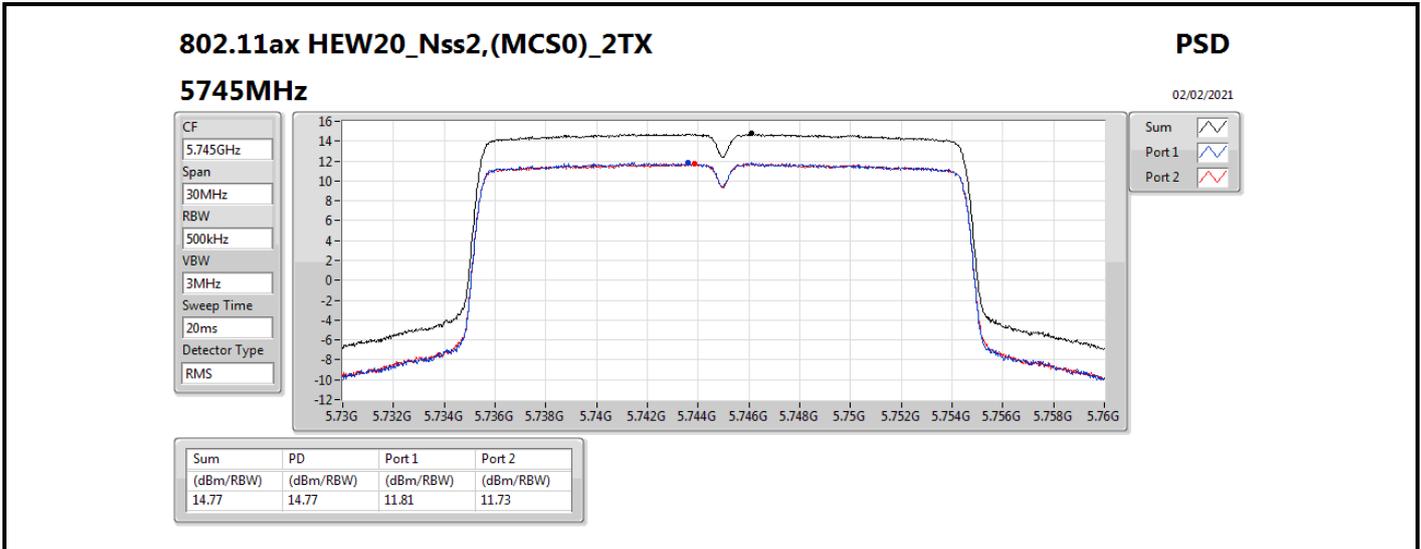
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.30	10.30	10.20	13.22	17.00
5200MHz	Pass	5.30	12.69	12.21	15.45	17.00
5240MHz	Pass	5.30	12.84	12.61	15.71	17.00
5745MHz	Pass	5.20	12.54	12.26	15.34	30.00
5785MHz	Pass	5.20	11.95	11.78	14.81	30.00
5825MHz	Pass	5.20	11.41	11.34	14.31	30.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	2.31	9.46	9.22	12.29	17.00
5200MHz	Pass	2.31	11.84	11.53	14.67	17.00
5240MHz	Pass	2.31	12.45	12.32	15.38	17.00
5745MHz	Pass	2.21	11.81	11.73	14.77	30.00
5785MHz	Pass	2.21	11.62	11.54	14.52	30.00
5825MHz	Pass	2.21	11.04	11.03	14.00	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	2.31	4.62	4.76	7.68	17.00
5230MHz	Pass	2.31	7.72	7.79	10.75	17.00
5755MHz	Pass	2.21	8.71	8.61	11.60	30.00
5795MHz	Pass	2.21	8.66	8.75	11.64	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	2.31	2.70	2.39	5.54	17.00
5775MHz	Pass	2.21	4.06	3.64	6.79	30.00

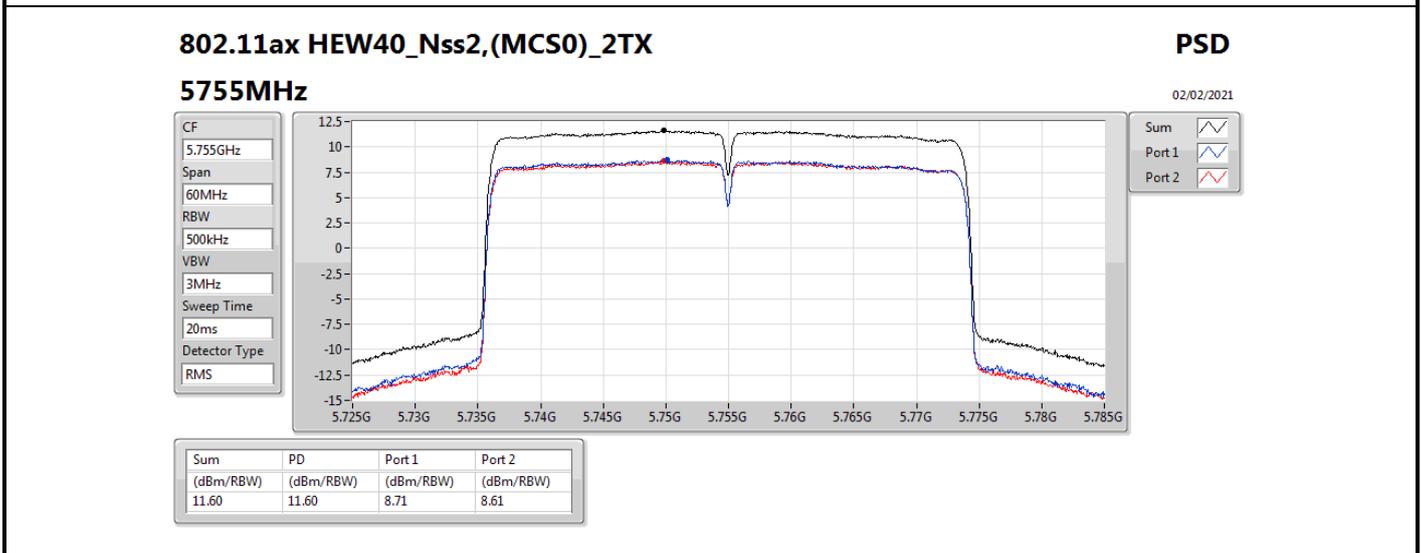
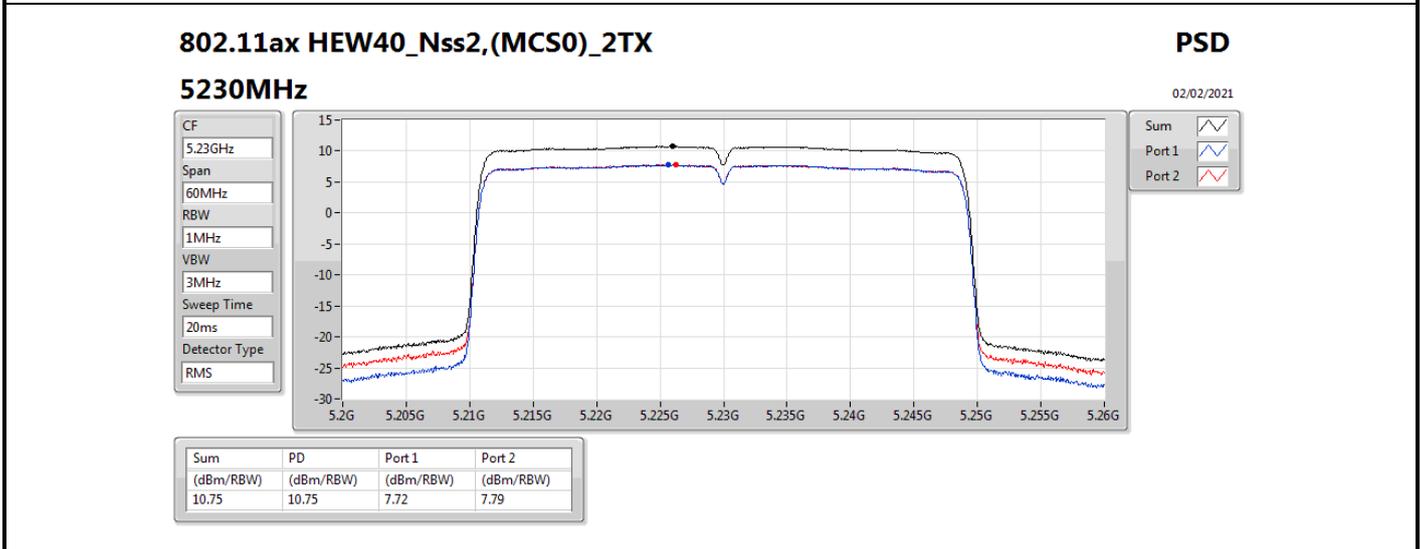
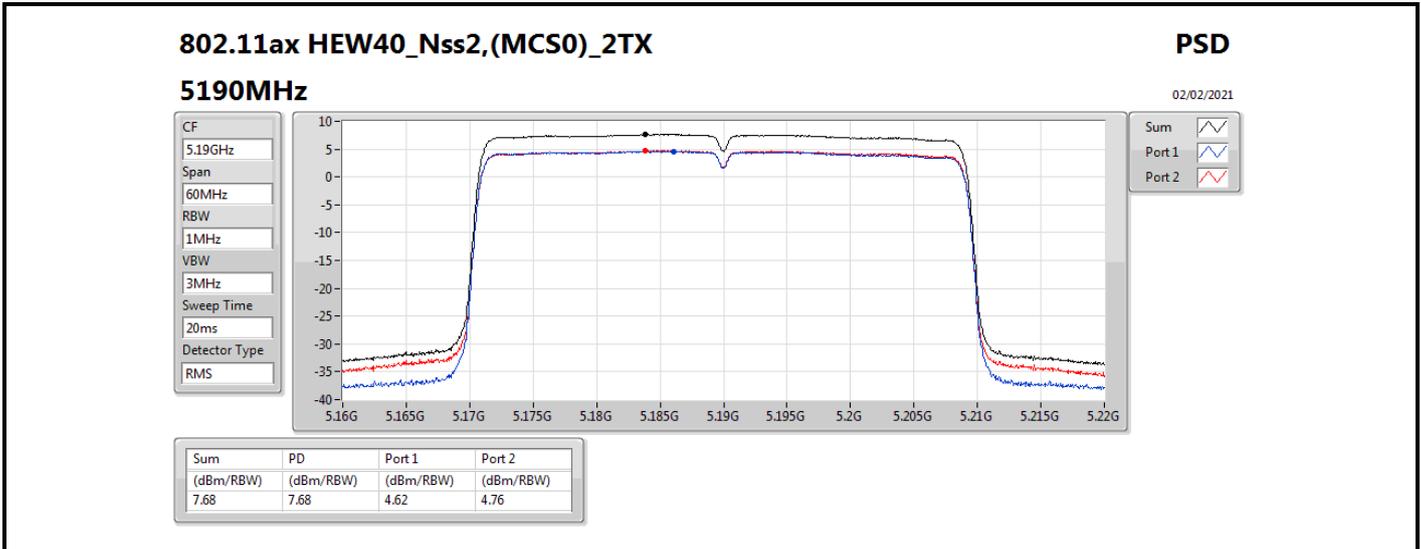
DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

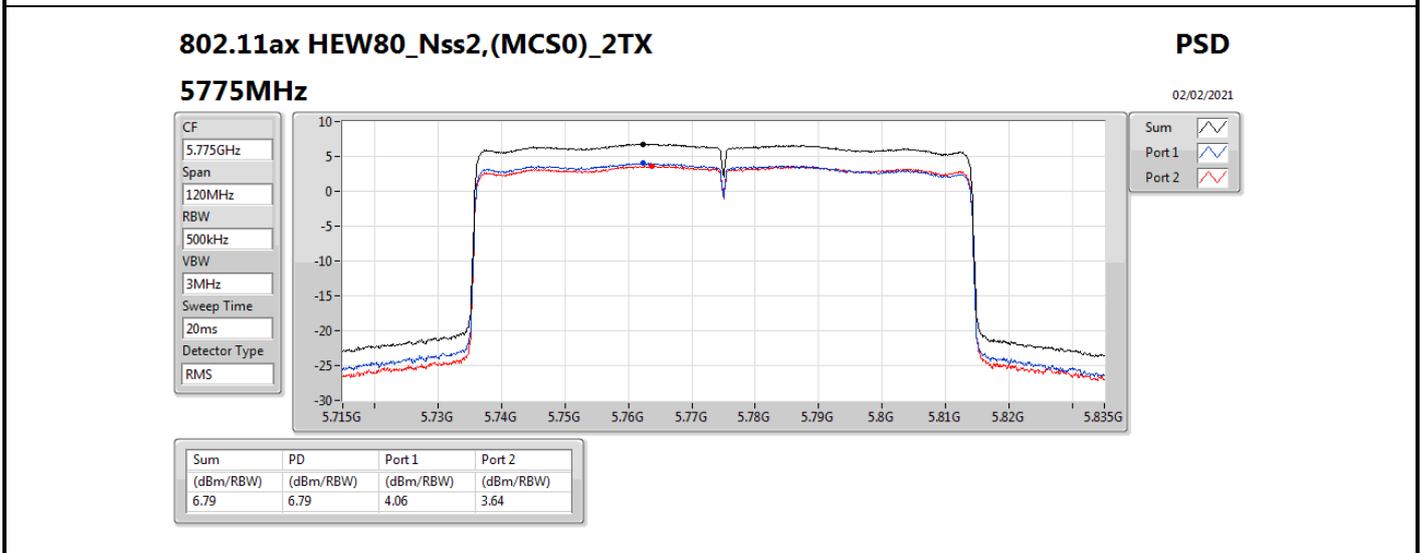
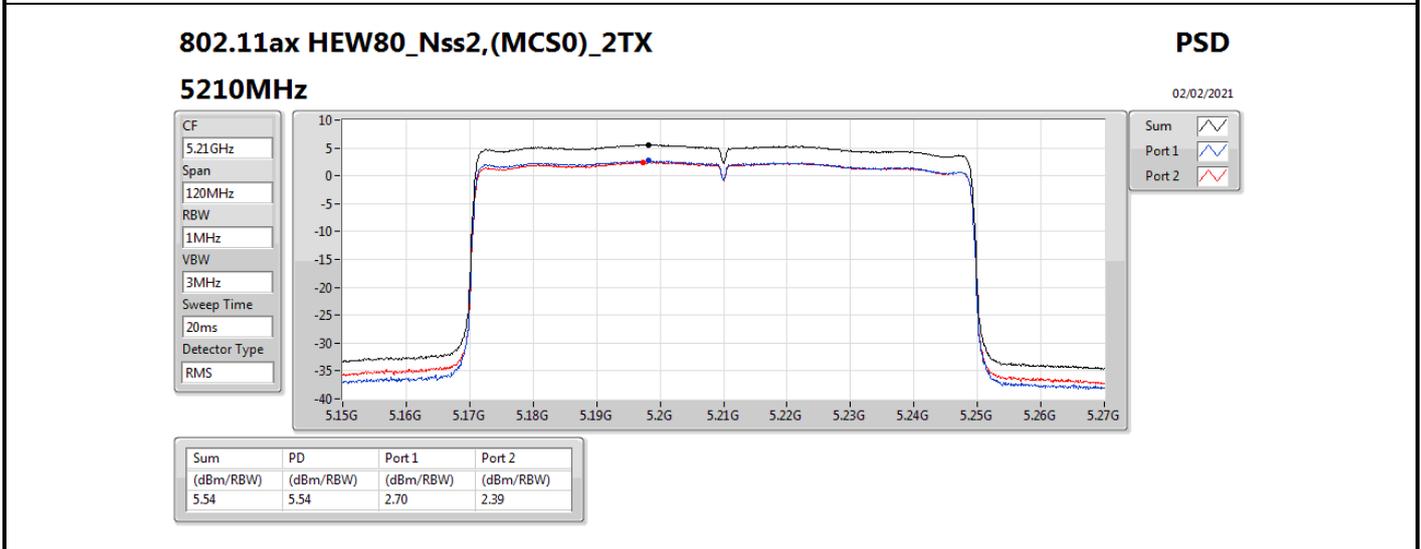
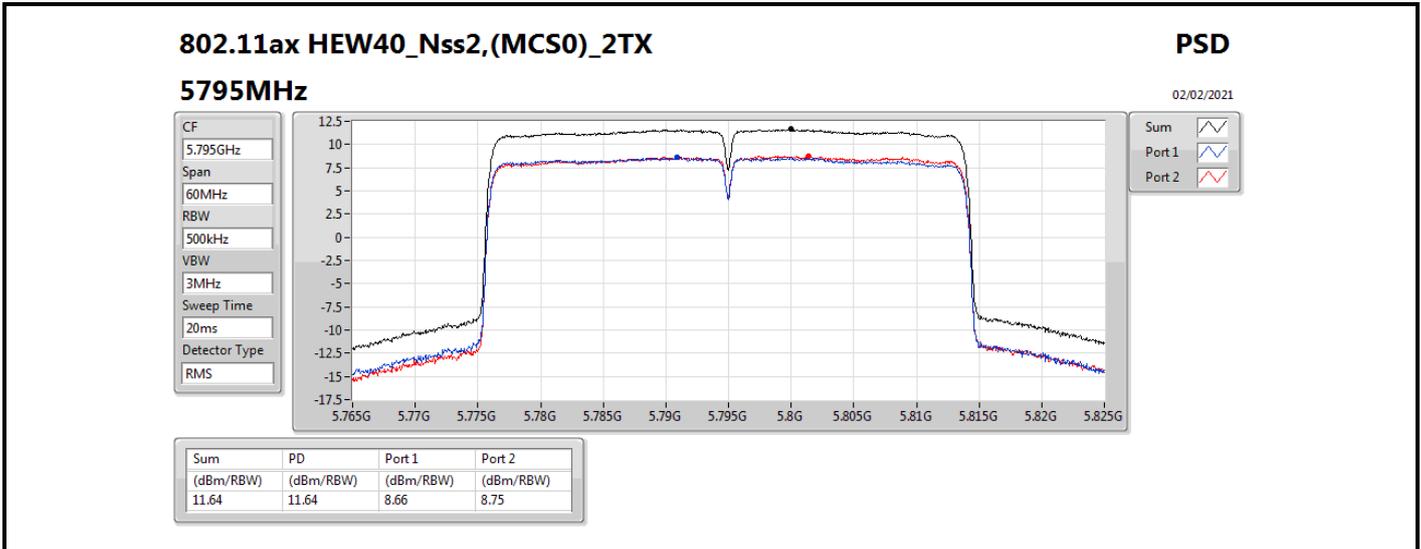














**Mode 2, Beamforming mode
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	15.41
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.92
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	5.11
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	14.79
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.41
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	6.63

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

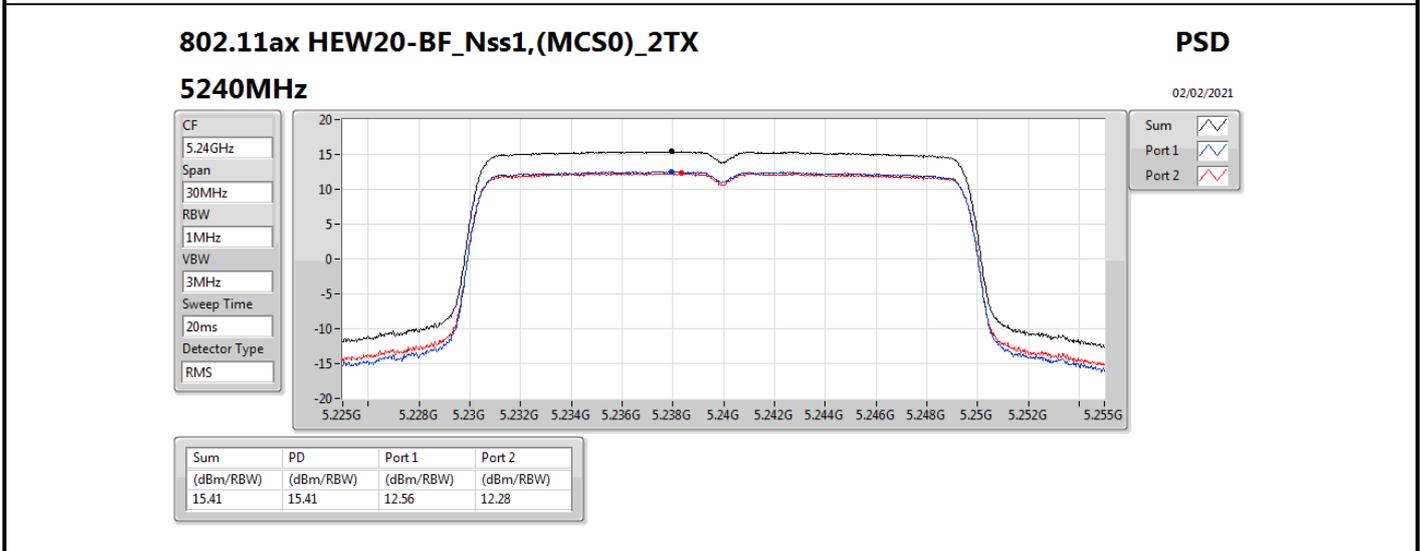
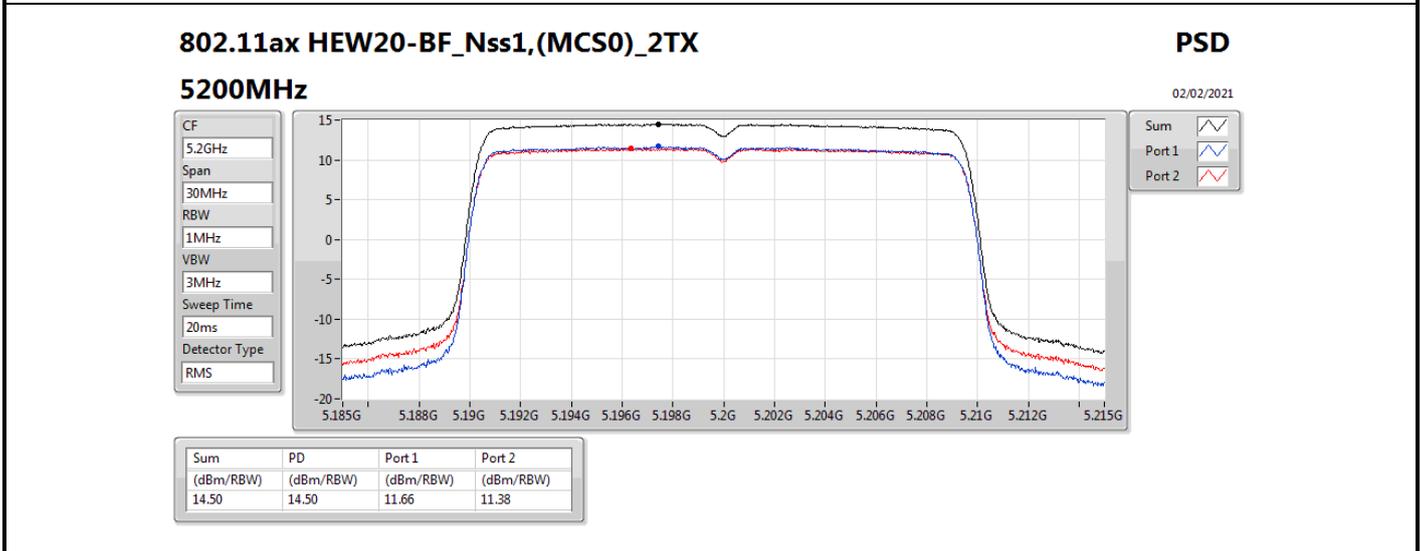
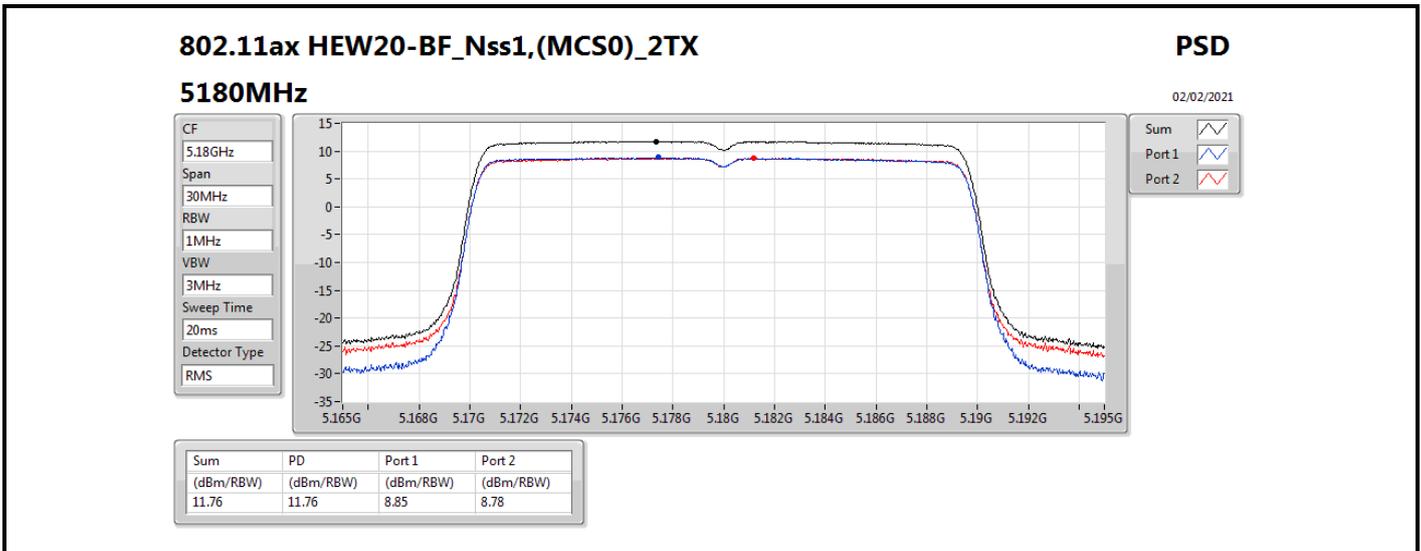


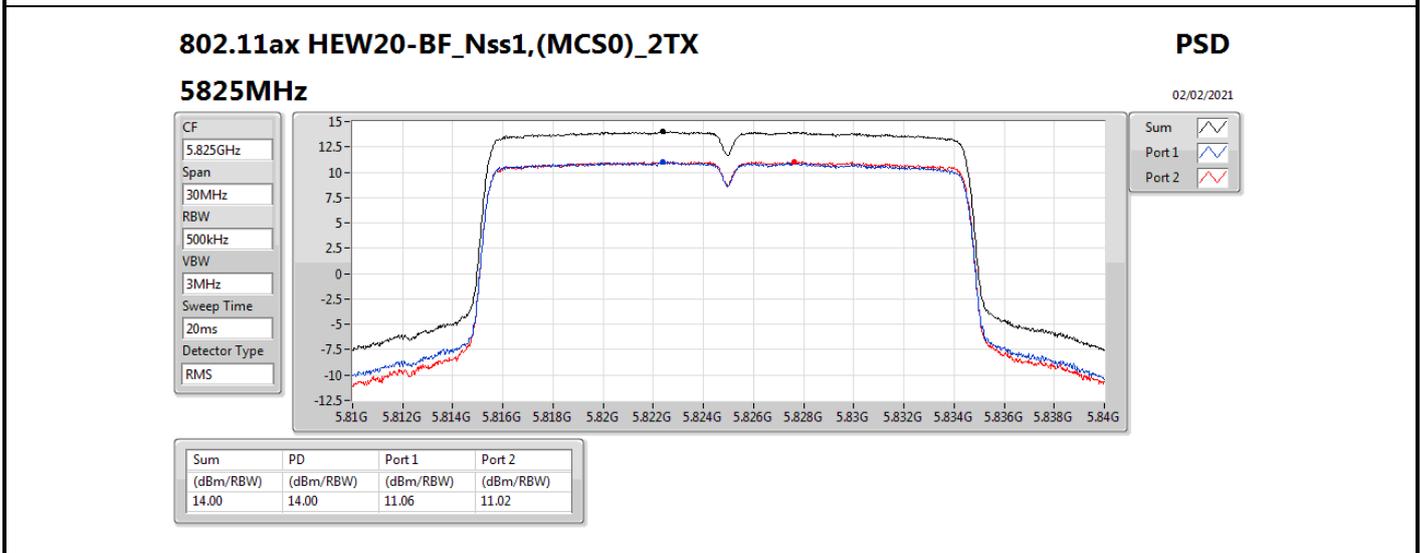
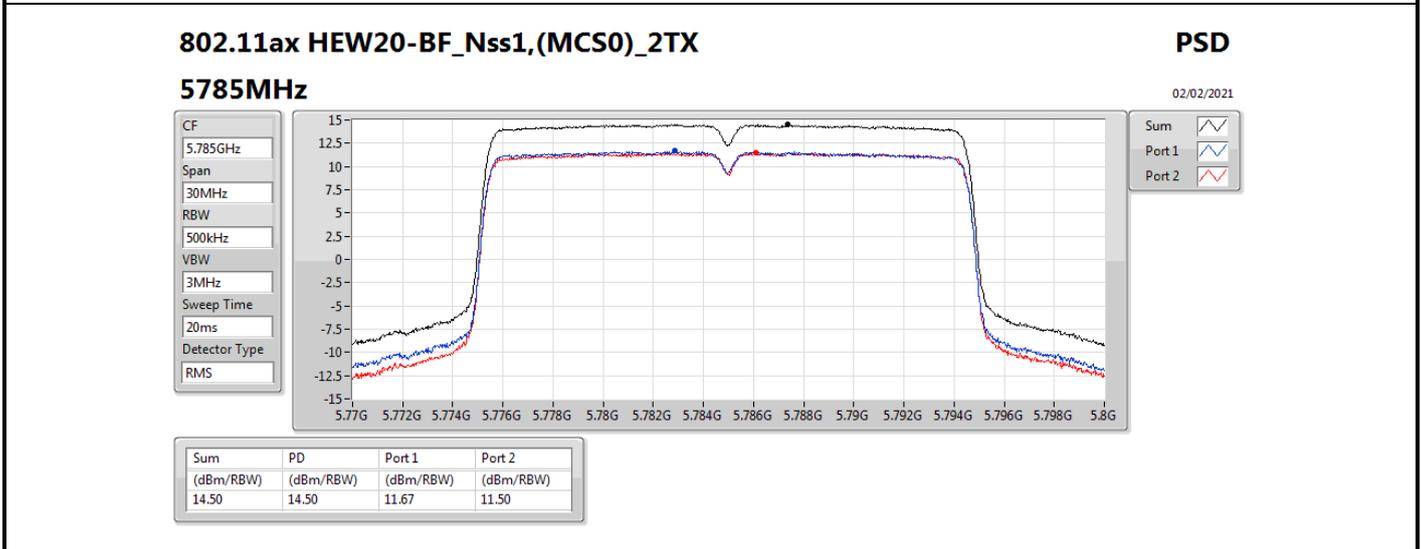
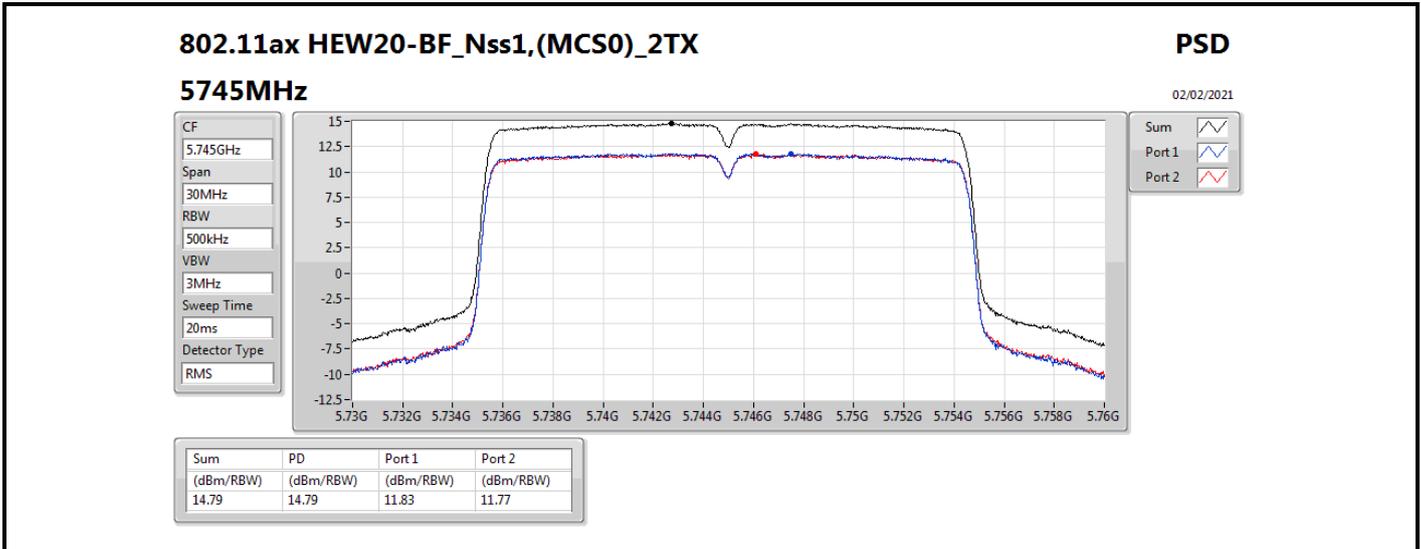
Result

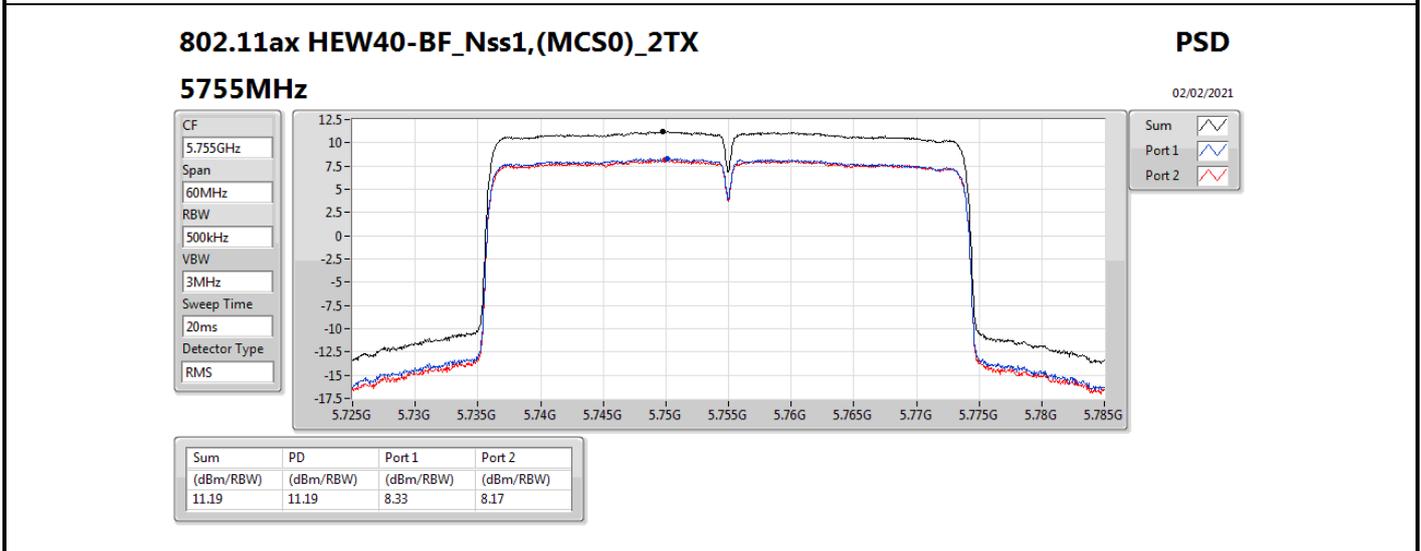
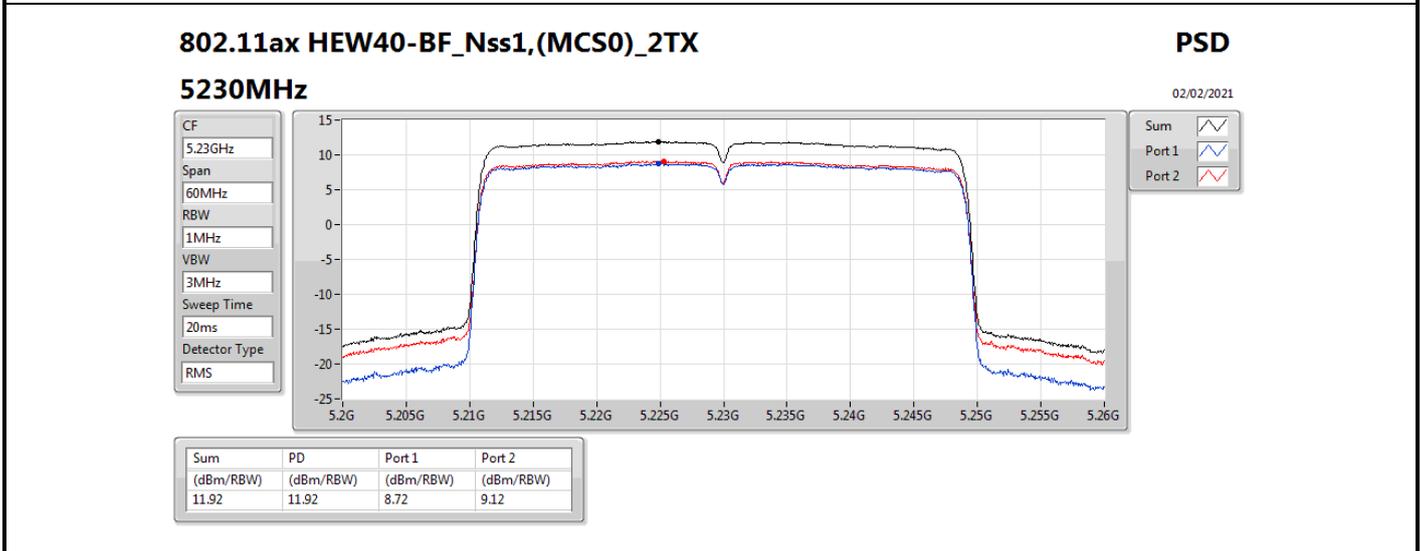
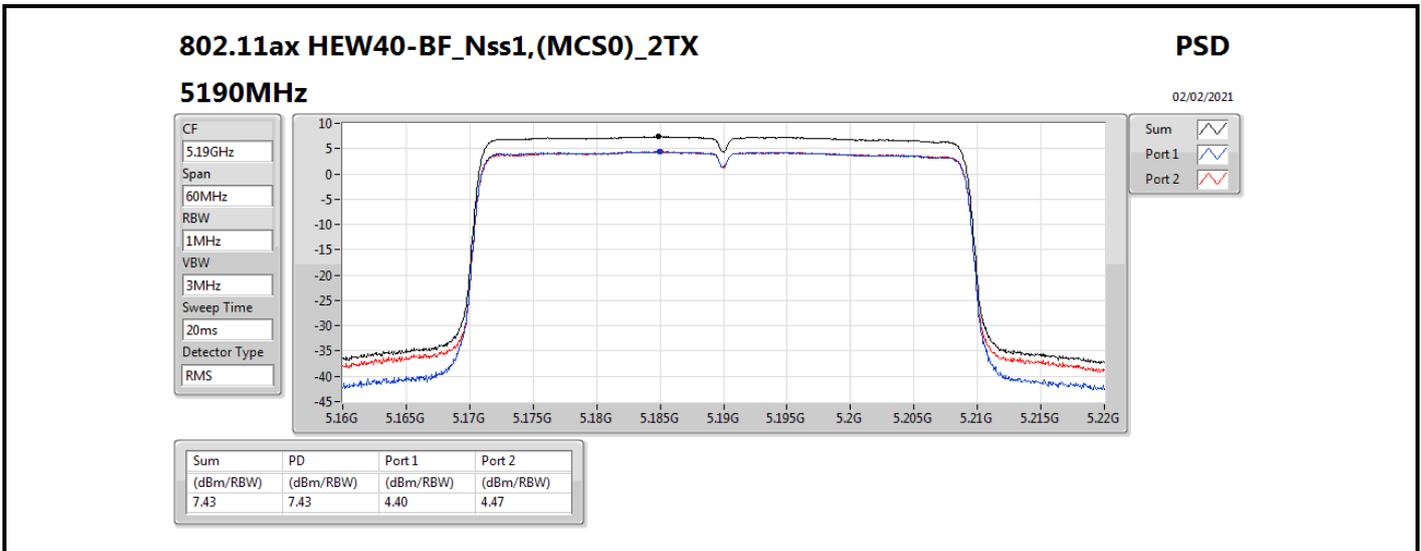
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.30	8.85	8.78	11.76	17.00
5200MHz	Pass	5.30	11.66	11.38	14.50	17.00
5240MHz	Pass	5.30	12.56	12.28	15.41	17.00
5745MHz	Pass	5.20	11.83	11.77	14.79	30.00
5785MHz	Pass	5.20	11.67	11.50	14.50	30.00
5825MHz	Pass	5.20	11.06	11.02	14.00	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.30	4.40	4.47	7.43	17.00
5230MHz	Pass	5.30	8.72	9.12	11.92	17.00
5755MHz	Pass	5.20	8.33	8.17	11.19	30.00
5795MHz	Pass	5.20	8.40	8.49	11.41	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.30	2.15	2.16	5.11	17.00
5775MHz	Pass	5.20	3.80	3.52	6.63	30.00

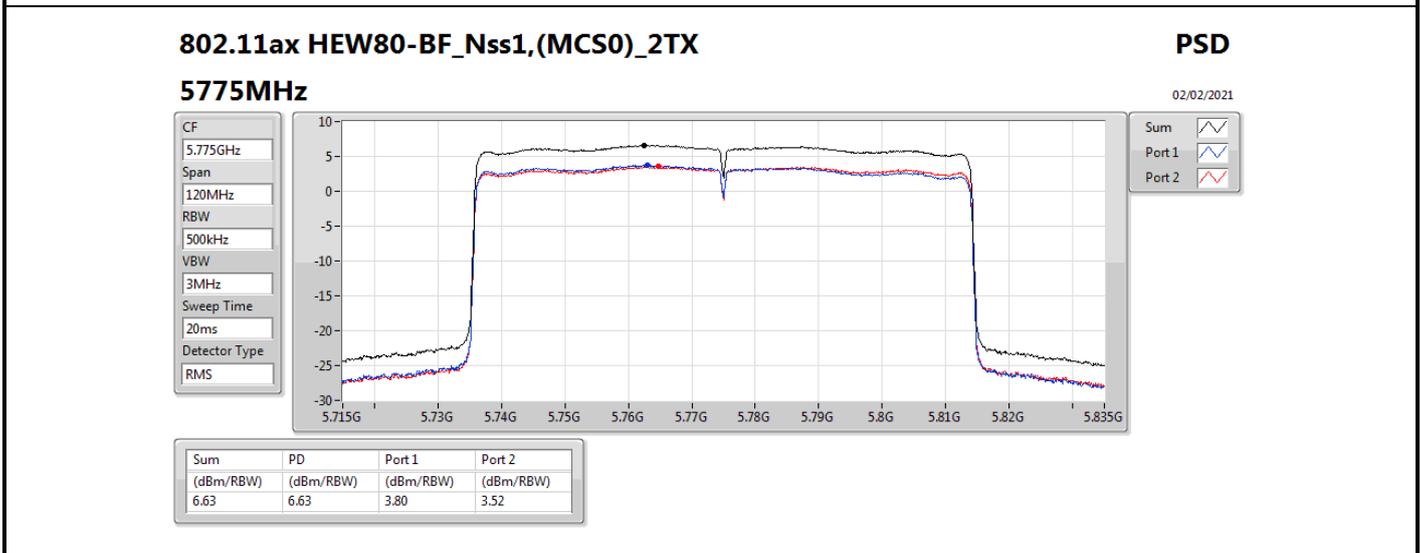
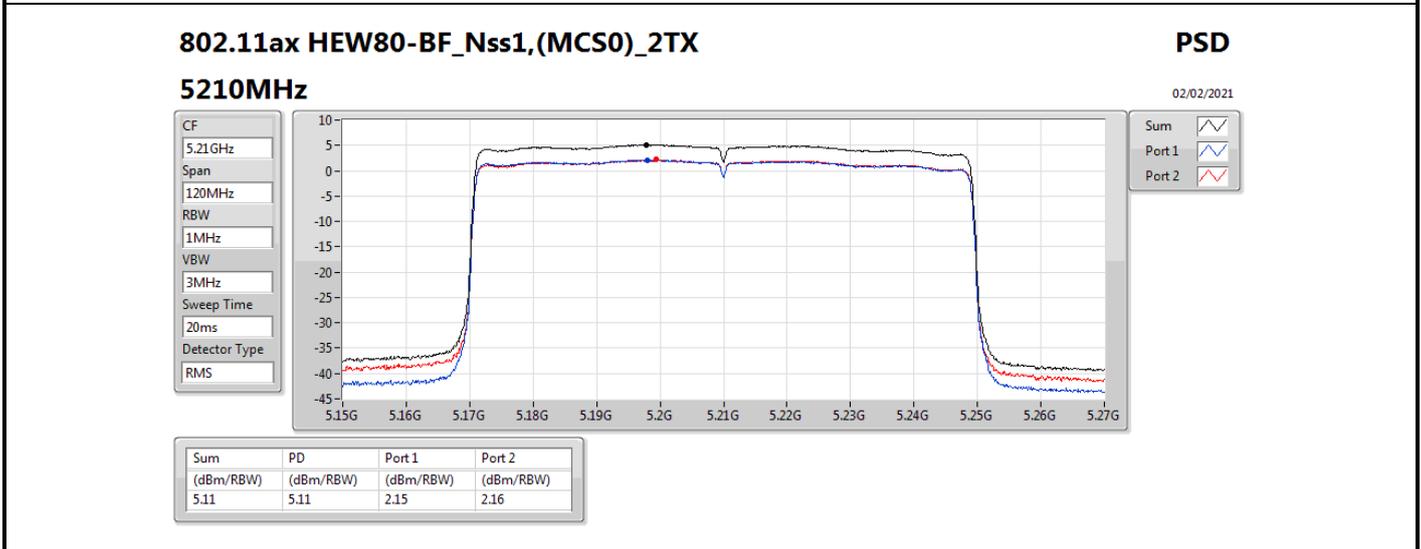
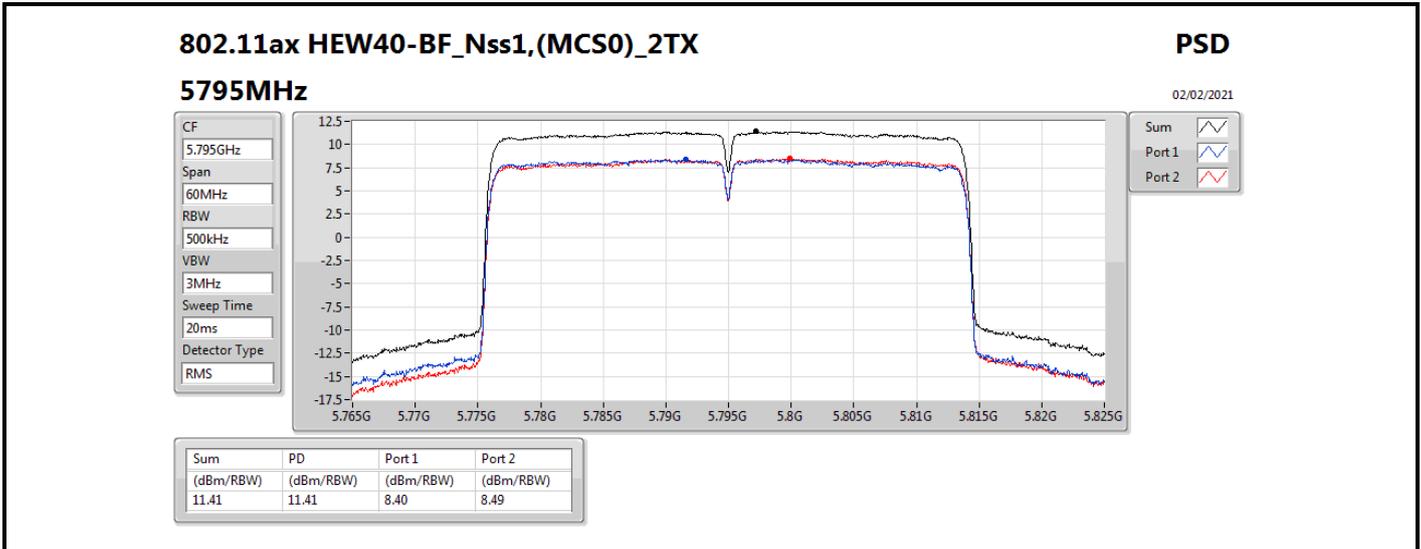
DG = Directional Gain; RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

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











Radiated Emissions below 1GHz Result

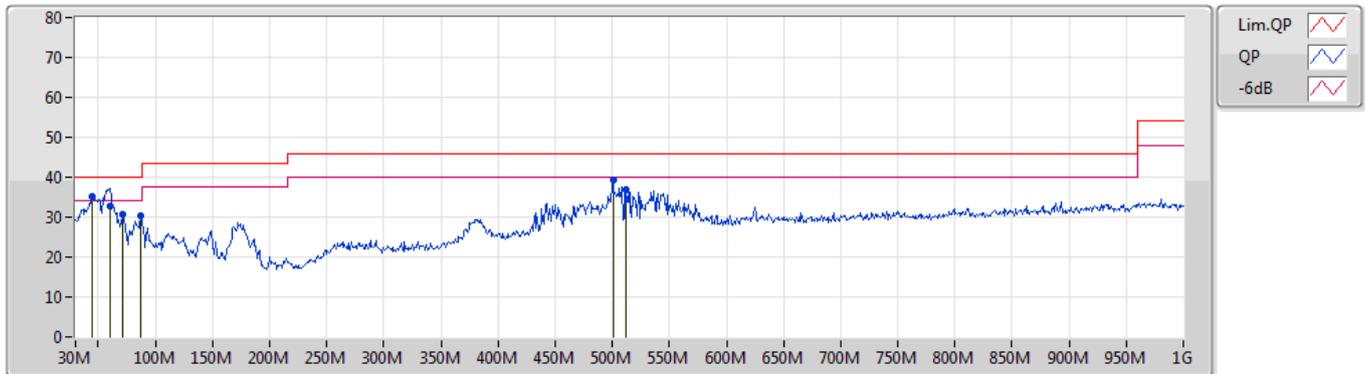
Appendix E.1

Summary

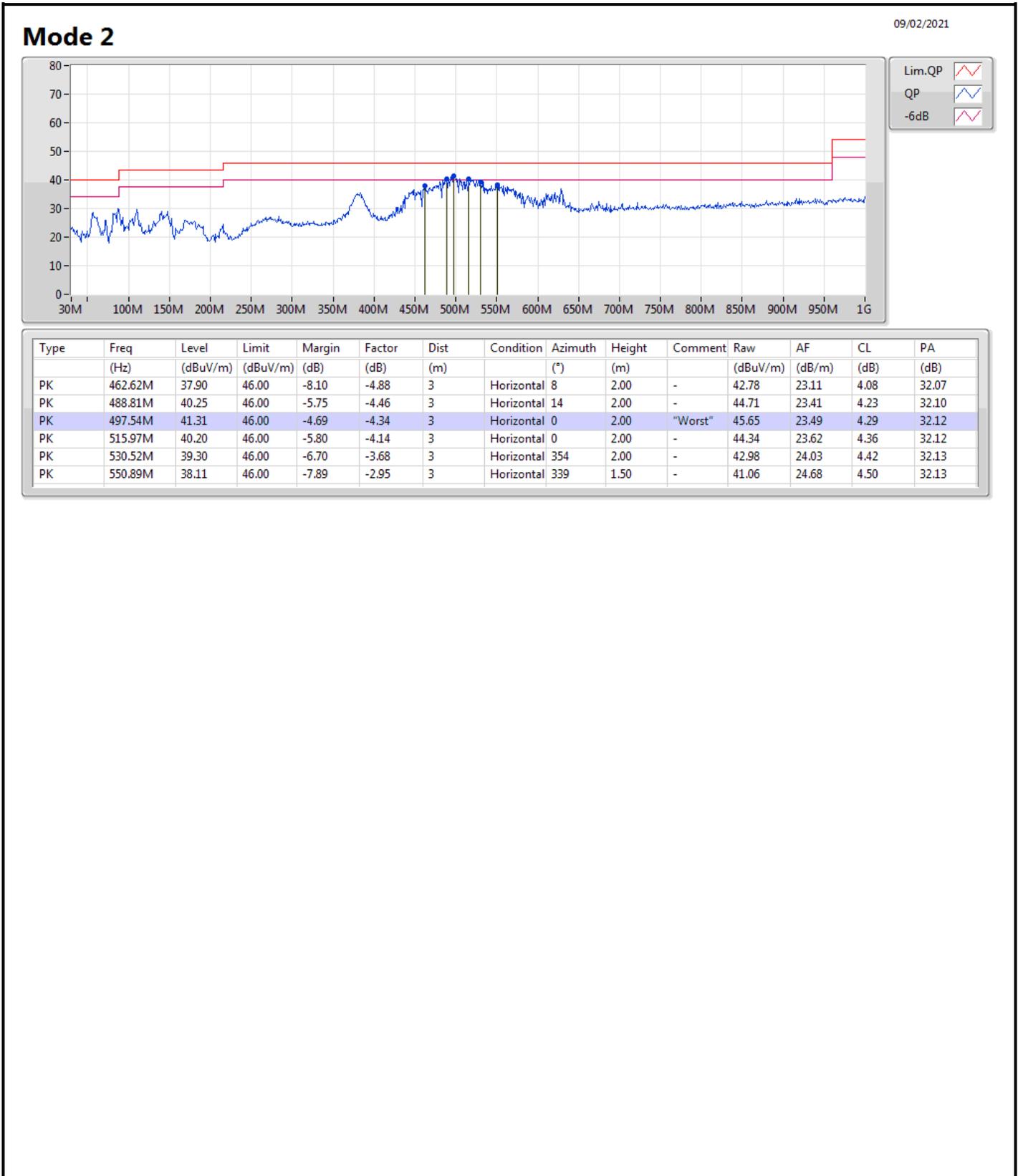
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	PK	497.54M	41.31	46.00	-4.69	Horizontal

Mode 2

09/02/2021



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	44.55M	35.30	40.00	-4.70	-15.24	3	Vertical	336	1.25	"Worst"	50.54	16.04	1.10	32.38
QP	60.07M	32.91	40.00	-7.09	-18.55	3	Vertical	6	1.02	-	51.46	12.42	1.40	32.37
PK	71.71M	30.52	40.00	-9.48	-18.70	3	Vertical	356	2.00	-	49.22	12.16	1.50	32.36
PK	87.23M	30.47	40.00	-9.53	-16.48	3	Vertical	256	1.25	-	46.95	14.21	1.64	32.33
PK	500.45M	39.48	46.00	-6.52	-4.29	3	Vertical	231	1.00	-	43.77	23.53	4.30	32.12
PK	512.09M	36.89	46.00	-9.11	-4.15	3	Vertical	80	1.00	-	41.04	23.62	4.35	32.12





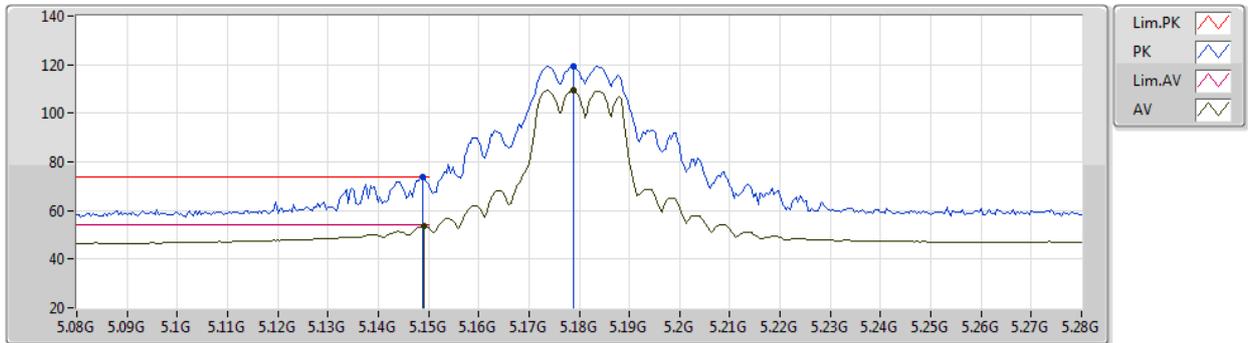
Mode 1, Non-beamforming mode
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss2,(MCS0)_2TX	Pass	PK	5.645G	68.18	68.20	-0.02	3	Vertical	285	1.85	-

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5180MHz_TX



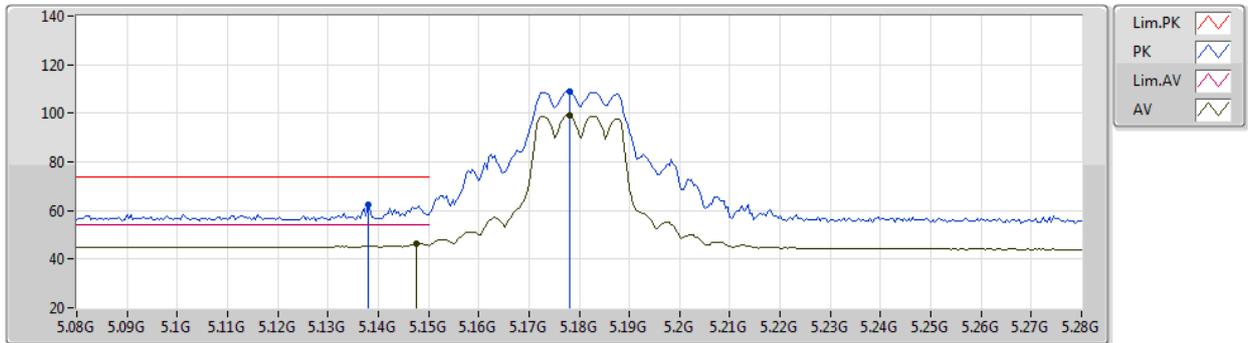
EUT Y_2TX
Setting 95
06-C-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1488G	73.94	74.00	-0.06	68.77	3	Vertical	285	1.85	-	31.80	5.00	31.63
AV	5.1492G	53.65	54.00	-0.35	48.48	3	Vertical	285	1.85	-	31.80	5.00	31.63
PK	5.1788G	119.43	Inf	-Inf	114.40	3	Vertical	285	1.85	-	31.68	5.00	31.65
AV	5.1788G	109.46	Inf	-Inf	104.43	3	Vertical	285	1.85	-	31.68	5.00	31.65

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5180MHz_TX



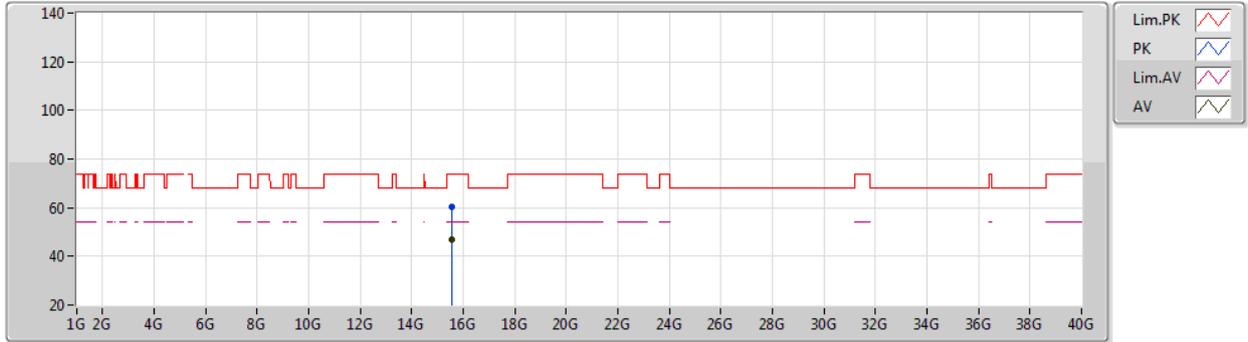
EUT Y_2TX
Setting 95
06-C-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.138G	62.48	74.00	-11.52	57.30	3	Horizontal	339	2.23	-	31.80	5.00	31.62
AV	5.1476G	46.42	54.00	-7.58	41.25	3	Horizontal	339	2.23	-	31.80	5.00	31.63
PK	5.178G	109.04	Inf	-Inf	104.00	3	Horizontal	339	2.23	-	31.69	5.00	31.65
AV	5.178G	99.06	Inf	-Inf	94.02	3	Horizontal	339	2.23	-	31.69	5.00	31.65

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5180MHz_TX



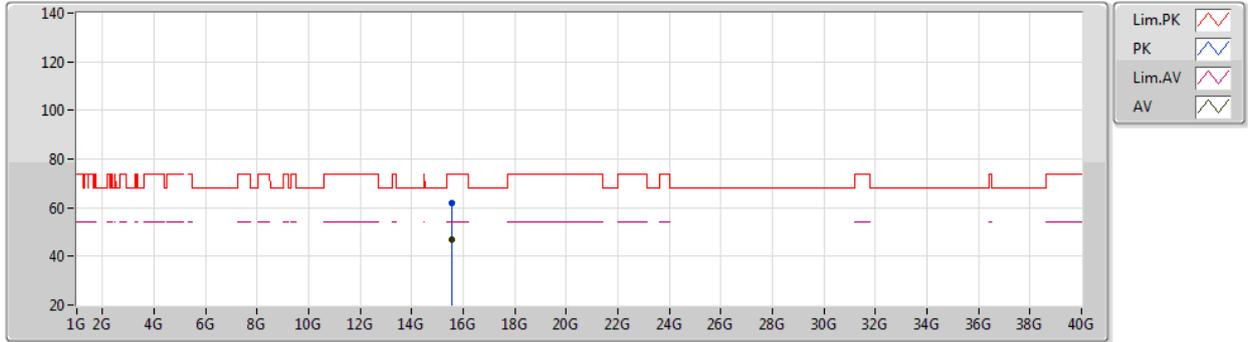
EUT Y_2TX
Setting 95
06-C-S-5

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	15.533G	60.46	74.00	-13.54	44.73	3	Vertical	196	1.80	-	39.27	10.37	33.91
AV	15.5484G	46.71	54.00	-7.29	31.10	3	Vertical	196	1.80	-	39.16	10.37	33.92

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5180MHz_TX



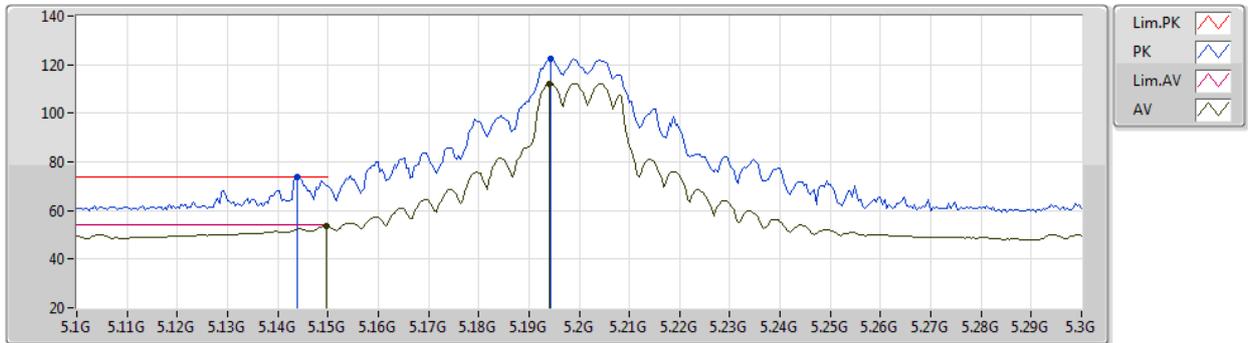
EUT Y_2TX
Setting 95
06-C-S-5

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	15.53416G	61.96	74.00	-12.04	46.24	3	Horizontal	67	2.29	-	39.26	10.37	33.91
AV	15.54868G	46.79	54.00	-7.21	31.19	3	Horizontal	67	2.29	-	39.16	10.37	33.93

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5200MHz_TX



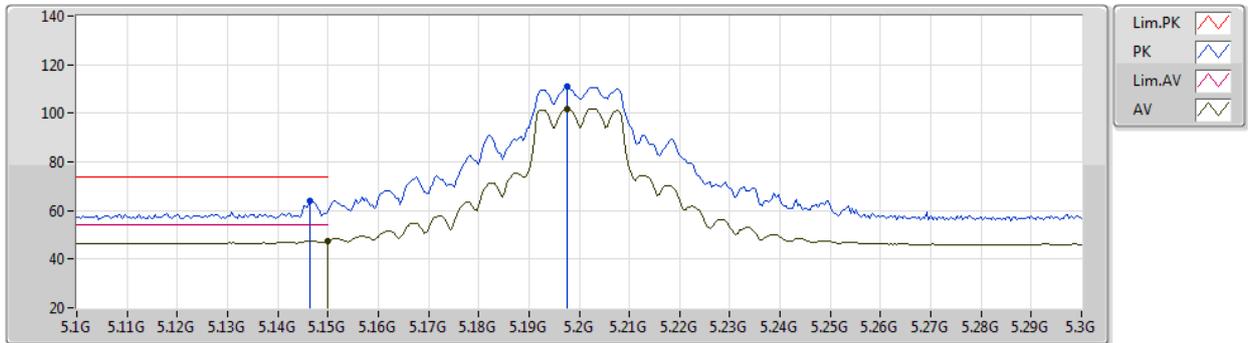
EUT Y_2TX
Setting 106
06-C-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.144G	73.84	74.00	-0.16	68.67	3	Vertical	95	1.80	-	31.80	5.00	31.63
AV	5.1496G	53.63	54.00	-0.37	48.46	3	Vertical	95	1.80	-	31.80	5.00	31.63
PK	5.1944G	122.50	Inf	-Inf	117.54	3	Vertical	95	1.80	-	31.62	5.00	31.66
AV	5.194G	112.32	Inf	-Inf	107.36	3	Vertical	95	1.80	-	31.62	5.00	31.66

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5200MHz_TX



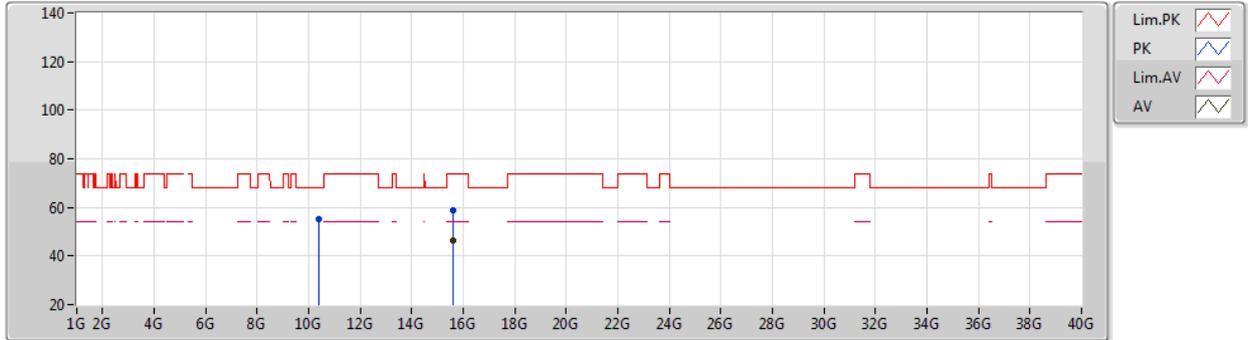
EUT Y_2TX
Setting 106
06-C-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1464G	63.81	74.00	-10.19	58.64	3	Horizontal	339	1.98	-	31.80	5.00	31.63
AV	5.15G	47.41	54.00	-6.59	42.24	3	Horizontal	339	1.98	-	31.80	5.00	31.63
PK	5.1976G	110.83	Inf	-Inf	105.88	3	Horizontal	339	1.98	-	31.61	5.00	31.66
AV	5.1976G	101.95	Inf	-Inf	97.00	3	Horizontal	339	1.98	-	31.61	5.00	31.66

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5200MHz_TX



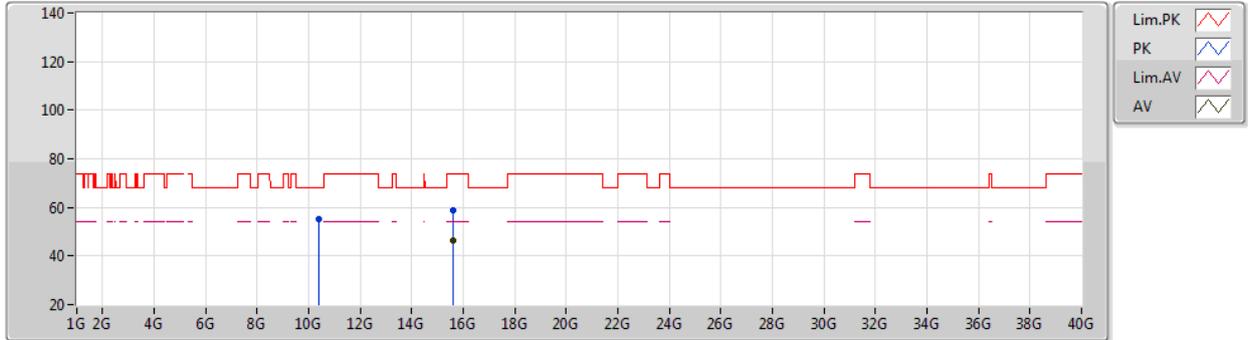
EUT Y_2TX
Setting 106
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.39648G	55.02	68.20	-13.18	41.36	3	Vertical	73	1.81	-	39.69	7.86	33.89
PK	15.5978G	58.76	74.00	-15.24	43.50	3	Vertical	359	1.80	-	38.82	10.40	33.96
AV	15.59534G	46.30	54.00	-7.70	31.03	3	Vertical	359	1.80	-	38.83	10.40	33.96

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5200MHz_TX



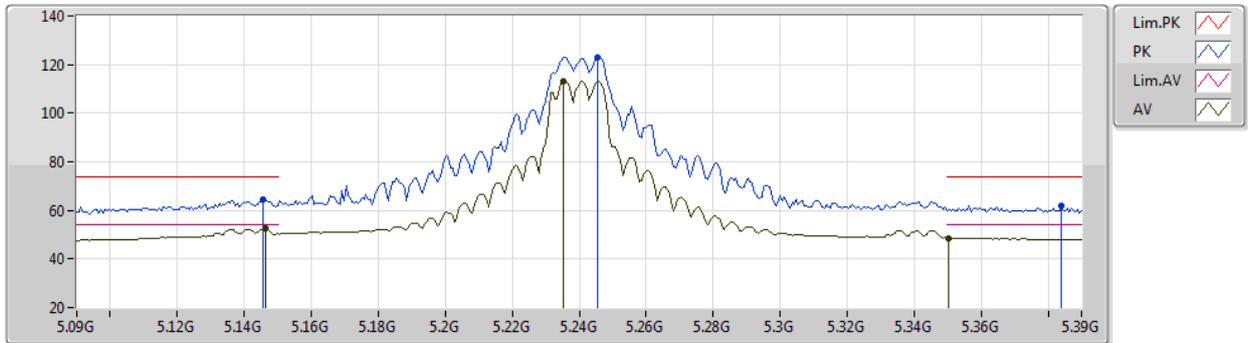
EUT Y_2TX
Setting 106
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.40252G	55.28	68.20	-12.92	41.60	3	Horizontal	321	1.66	-	39.71	7.86	33.89
PK	15.59632G	58.94	74.00	-15.06	43.67	3	Horizontal	344	1.80	-	38.83	10.40	33.96
AV	15.59726G	46.39	54.00	-7.61	31.13	3	Horizontal	344	1.80	-	38.82	10.40	33.96

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5240MHz_TX



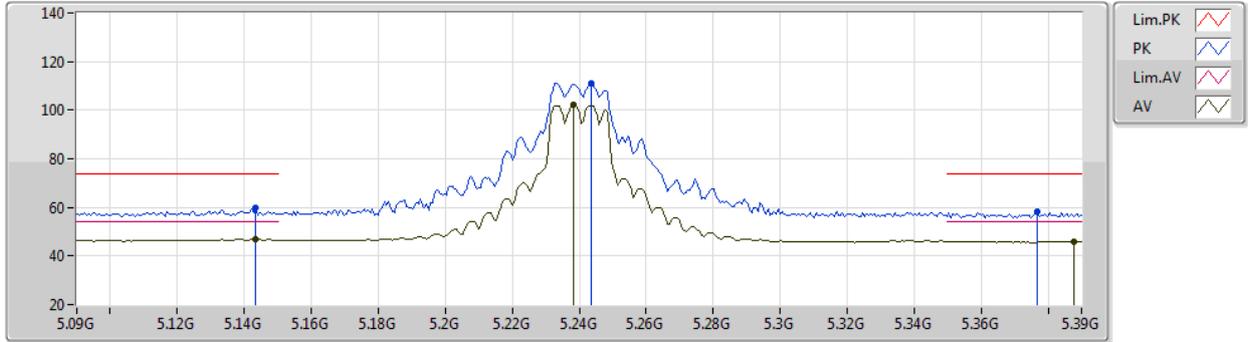
EUT Y_2TX
Setting 108
06-C-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1458G	64.54	74.00	-9.46	59.37	3	Vertical	107	1.87	-	31.80	5.00	31.63
AV	5.1464G	52.34	54.00	-1.66	47.17	3	Vertical	107	1.87	-	31.80	5.00	31.63
PK	5.2454G	123.09	Inf	-Inf	118.46	3	Vertical	107	1.87	-	31.33	5.00	31.70
AV	5.2352G	113.03	Inf	-Inf	108.33	3	Vertical	107	1.87	-	31.39	5.00	31.69
PK	5.384G	61.97	74.00	-12.03	57.36	3	Vertical	107	1.87	-	31.40	5.00	31.79
AV	5.3504G	48.69	54.00	-5.31	44.26	3	Vertical	107	1.87	-	31.20	5.00	31.77

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5240MHz_TX



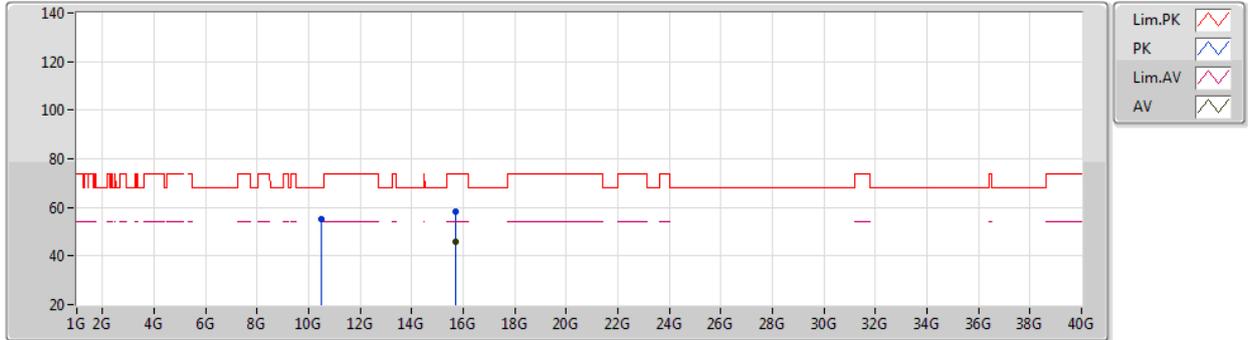
EUT Y_2TX
Setting 108
06-C-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1434G	59.66	74.00	-14.34	54.49	3	Horizontal	338	2.24	-	31.80	5.00	31.63
AV	5.1434G	46.85	54.00	-7.15	41.68	3	Horizontal	338	2.24	-	31.80	5.00	31.63
PK	5.2436G	111.02	Inf	-Inf	106.38	3	Horizontal	338	2.24	-	31.34	5.00	31.70
AV	5.2382G	102.06	Inf	-Inf	97.38	3	Horizontal	338	2.24	-	31.37	5.00	31.69
PK	5.3768G	58.38	74.00	-15.62	53.81	3	Horizontal	338	2.24	-	31.36	5.00	31.79
AV	5.3876G	45.85	54.00	-8.15	41.21	3	Horizontal	338	2.24	-	31.43	5.00	31.79

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5240MHz_TX



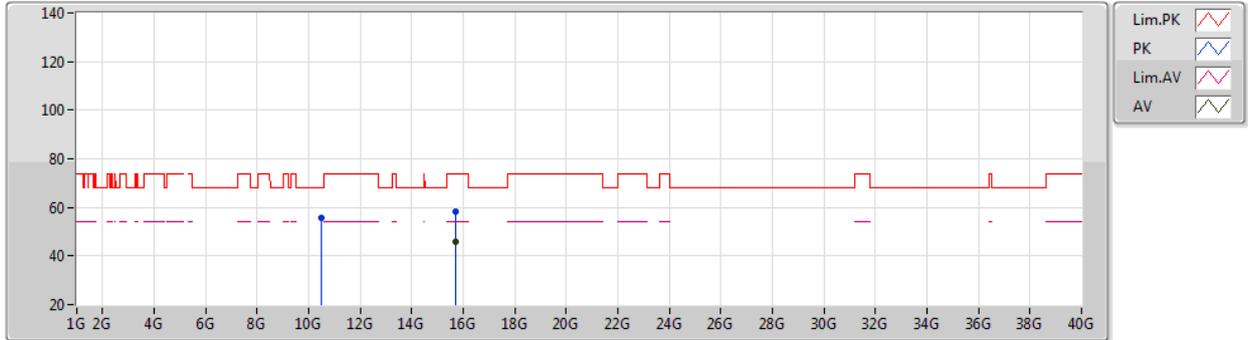
EUT Y_2TX
Setting 108
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.47872G	55.00	68.20	-13.20	41.18	3	Vertical	266	2.98	-	39.86	7.89	33.93
PK	15.71624G	58.33	74.00	-15.67	43.10	3	Vertical	4	2.56	-	38.82	10.46	34.05
AV	15.71662G	45.83	54.00	-8.17	30.60	3	Vertical	4	2.56	-	38.82	10.46	34.05

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5240MHz_TX



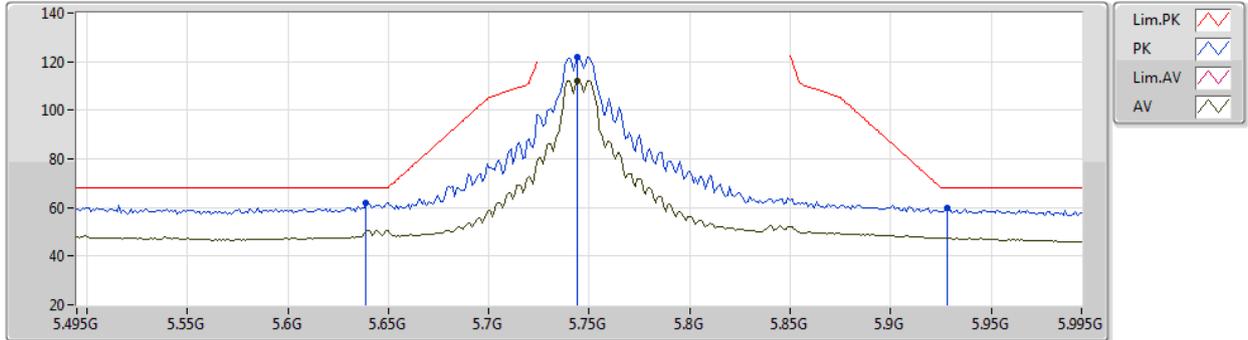
EUT Y_2TX
Setting 108
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.47546G	55.93	68.20	-12.27	42.12	3	Horizontal	300	1.57	-	39.85	7.89	33.93
PK	15.71836G	58.12	74.00	-15.88	42.90	3	Horizontal	341	2.78	-	38.81	10.46	34.05
AV	15.71682G	45.83	54.00	-8.17	30.60	3	Horizontal	341	2.78	-	38.82	10.46	34.05

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5745MHz_TX



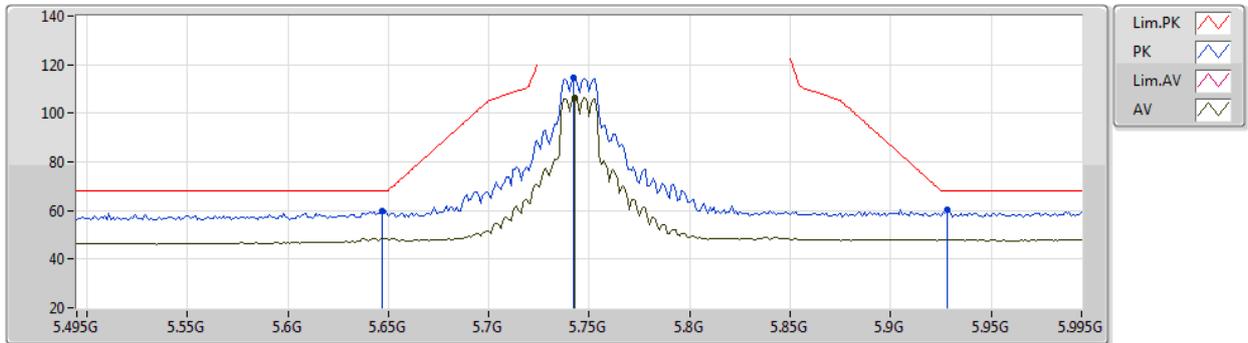
EUT Y_2TX
Setting 112
06-C-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.639G	62.06	68.20	-6.14	57.14	3	Vertical	285	1.76	-	31.50	5.22	31.80
PK	5.744G	122.10	Inf	-Inf	116.70	3	Vertical	285	1.76	-	31.88	5.27	31.75
AV	5.744G	112.13	Inf	-Inf	106.73	3	Vertical	285	1.76	-	31.88	5.27	31.75
PK	5.928G	59.64	68.20	-8.56	53.57	3	Vertical	285	1.76	-	32.30	5.43	31.66

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5745MHz_TX



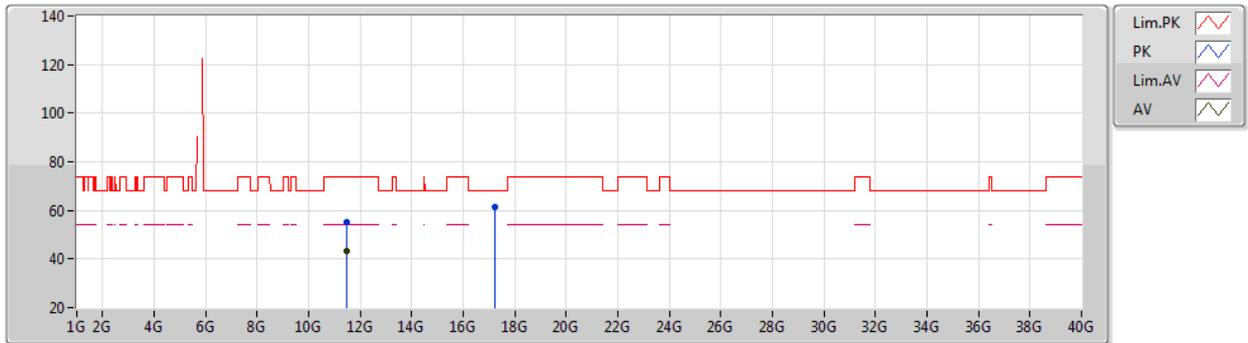
EUT Y_2TX
Setting 112
06-C-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.647G	59.86	68.20	-8.34	54.94	3	Horizontal	343	1.97	-	31.50	5.22	31.80
PK	5.742G	114.71	Inf	-Inf	109.32	3	Horizontal	343	1.97	-	31.87	5.27	31.75
AV	5.743G	106.48	Inf	-Inf	101.09	3	Horizontal	343	1.97	-	31.87	5.27	31.75
PK	5.928G	60.38	68.20	-7.82	54.31	3	Horizontal	343	1.97	-	32.30	5.43	31.66

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5745MHz_TX



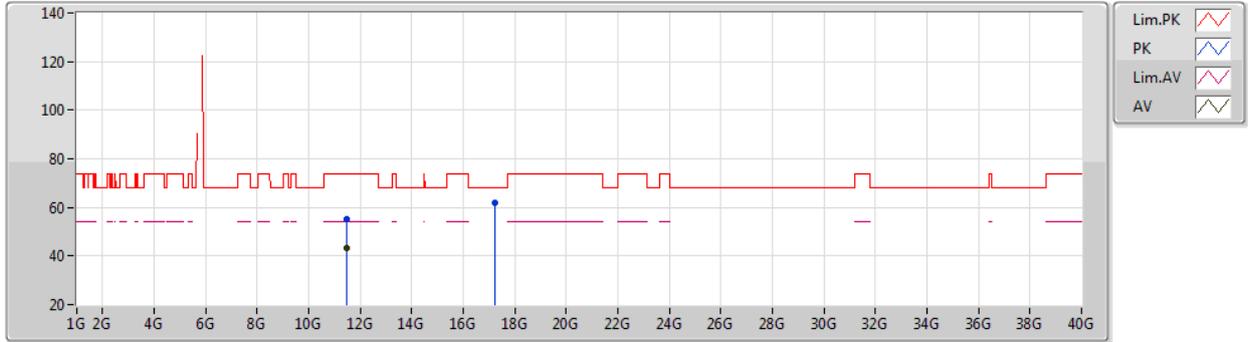
EUT Y_2TX
Setting 112
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.49072G	55.27	74.00	-18.73	41.20	3	Vertical	176	2.11	-	39.98	8.30	34.21
AV	11.48574G	43.45	54.00	-10.55	29.40	3	Vertical	176	2.11	-	39.97	8.29	34.21
PK	17.23288G	61.59	68.20	-6.61	43.46	3	Vertical	340	2.25	-	40.93	11.46	34.26

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5745MHz_TX



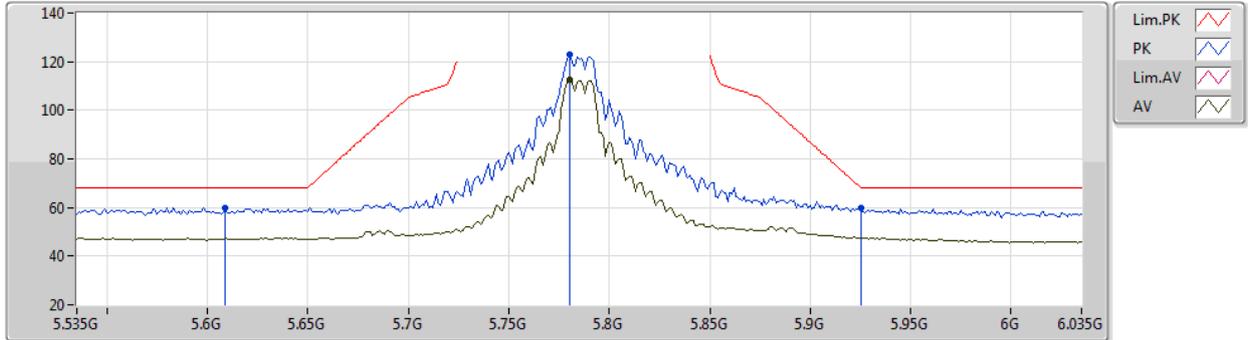
EUT Y_2TX
Setting 112
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4878G	54.94	74.00	-19.06	40.87	3	Horizontal	253	2.97	-	39.98	8.30	34.21
AV	11.48758G	43.40	54.00	-10.60	29.33	3	Horizontal	253	2.97	-	39.98	8.30	34.21
PK	17.23908G	61.95	68.20	-6.25	43.77	3	Horizontal	341	2.41	-	40.96	11.47	34.25

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5785MHz_TX



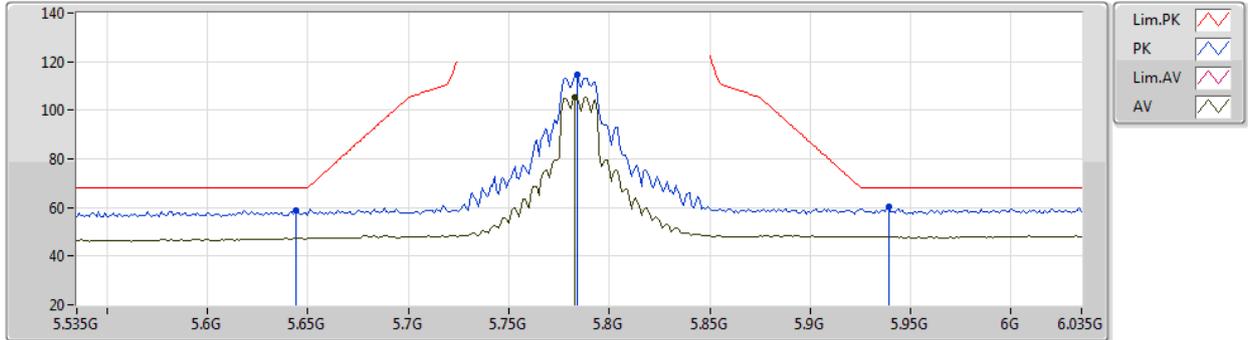
EUT Y_2TX
Setting 112
06-C-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.609G	59.80	68.20	-8.40	54.92	3	Vertical	282	2.45	-	31.50	5.20	31.82
PK	5.78G	122.76	Inf	-Inf	117.25	3	Vertical	282	2.45	-	31.96	5.29	31.74
AV	5.78G	112.66	Inf	-Inf	107.15	3	Vertical	282	2.45	-	31.96	5.29	31.74
PK	5.925G	59.95	68.20	-8.25	53.89	3	Vertical	282	2.45	-	32.30	5.43	31.67

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5785MHz_TX



EUT Y_2TX
Setting 112
06-C-G-2-10

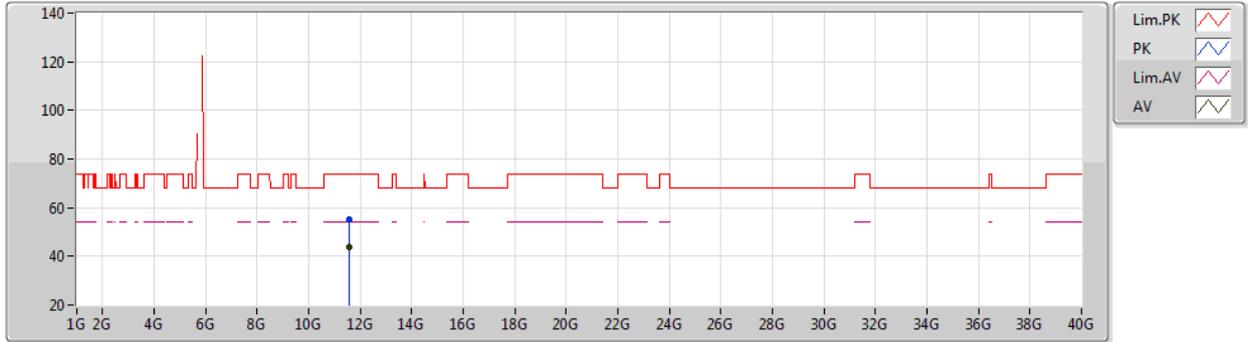
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PK	5.644G	58.94	68.20	-9.26	54.02	3	Horizontal	341	1.98	-	31.50	5.22	31.80
PK	5.784G	114.55	Inf	-Inf	109.02	3	Horizontal	341	1.98	-	31.97	5.29	31.73
AV	5.783G	105.39	Inf	-Inf	99.86	3	Horizontal	341	1.98	-	31.97	5.29	31.73
PK	5.939G	60.17	68.20	-8.03	54.09	3	Horizontal	341	1.98	-	32.30	5.44	31.66



802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5785MHz_TX



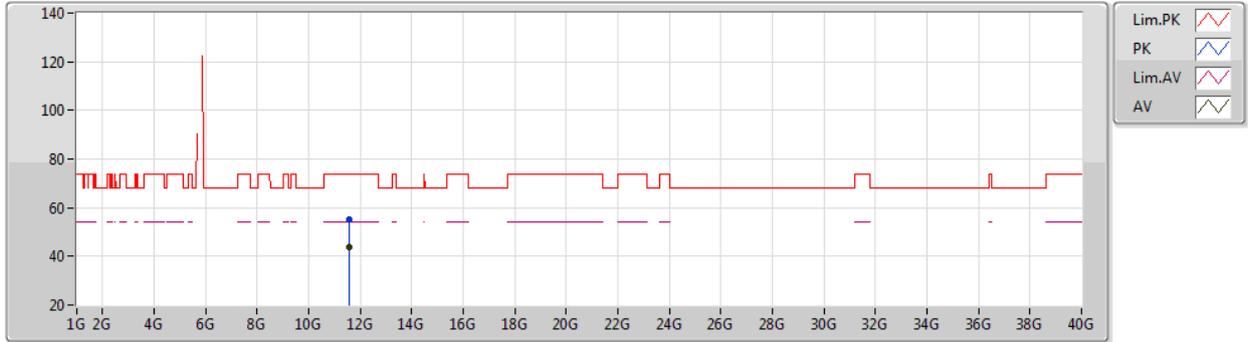
EUT Y_2TX
Setting 112
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5714G	55.31	74.00	-18.69	41.47	3	Vertical	91	2.74	-	39.71	8.33	34.20
AV	11.56598G	43.82	54.00	-10.18	29.95	3	Vertical	91	2.74	-	39.74	8.33	34.20

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5785MHz_TX



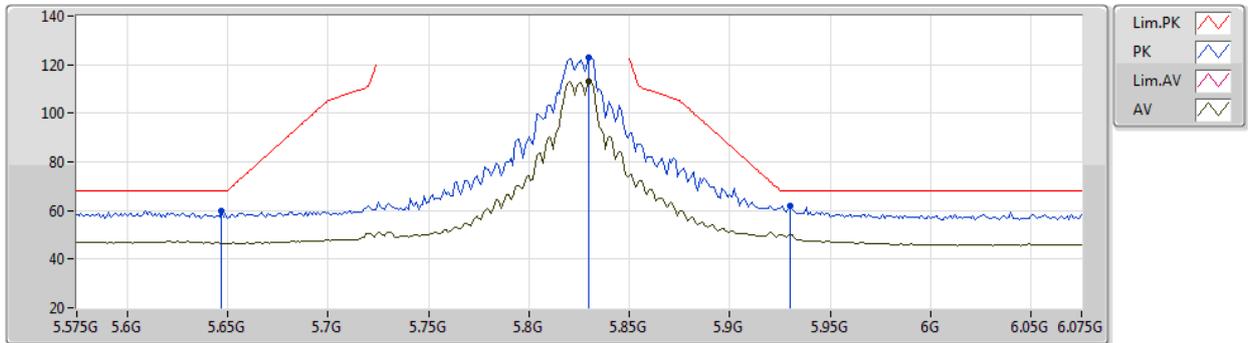
EUT Y_2TX
Setting 112
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.56804G	55.17	74.00	-18.83	41.31	3	Horizontal	174	2.31	-	39.73	8.33	34.20
AV	11.56786G	43.71	54.00	-10.29	29.85	3	Horizontal	174	2.31	-	39.73	8.33	34.20

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5825MHz_TX



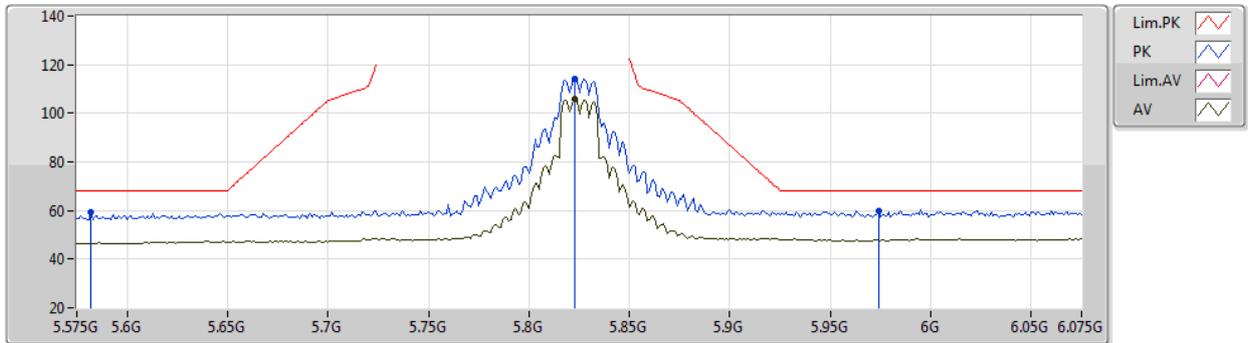
EUT Y_2TX
Setting 112
06-C-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.647G	59.67	68.20	-8.53	54.75	3	Vertical	282	1.88	-	31.50	5.22	31.80
PK	5.83G	122.98	Inf	-Inf	117.24	3	Vertical	282	1.88	-	32.12	5.33	31.71
AV	5.83G	112.98	Inf	-Inf	107.24	3	Vertical	282	1.88	-	32.12	5.33	31.71
PK	5.93G	61.99	68.20	-6.21	55.92	3	Vertical	282	1.88	-	32.30	5.43	31.66

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5825MHz_TX



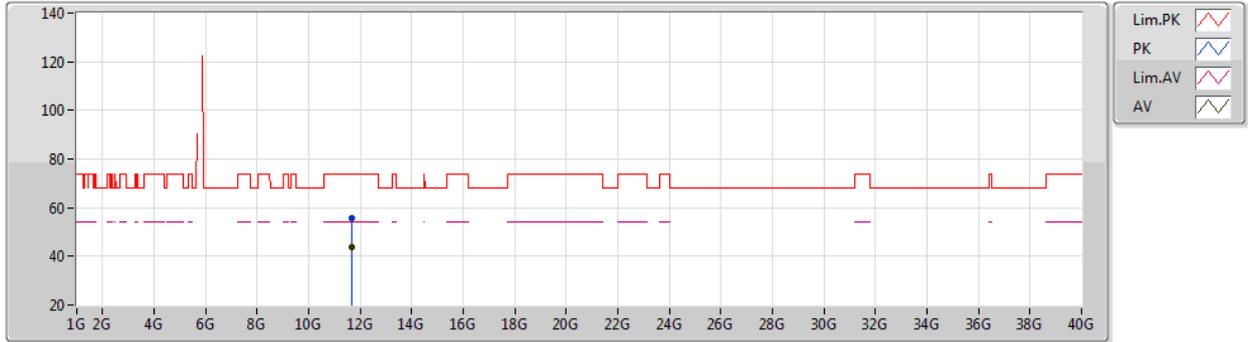
EUT Y_2TX
Setting 112
06-C-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.582G	59.09	68.20	-9.11	54.24	3	Horizontal	343	2.12	-	31.50	5.18	31.83
PK	5.823G	114.29	Inf	-Inf	108.59	3	Horizontal	343	2.12	-	32.09	5.32	31.71
AV	5.823G	105.68	Inf	-Inf	99.98	3	Horizontal	343	2.12	-	32.09	5.32	31.71
PK	5.974G	59.79	68.20	-8.41	53.66	3	Horizontal	343	2.12	-	32.30	5.47	31.64

802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5825MHz_TX



EUT Y_2TX
Setting 112
06-C-G-2

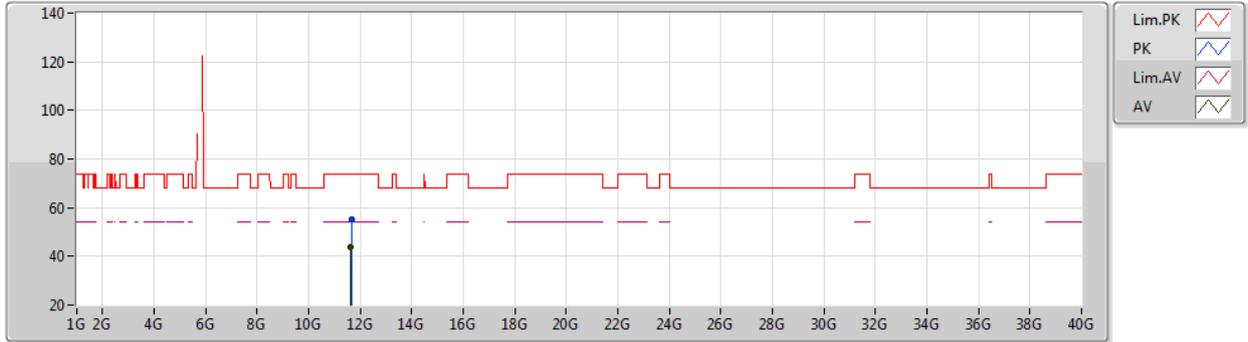
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PK	11.64794G	55.50	74.00	-18.50	42.03	3	Vertical	73	1.14	-	39.31	8.36	34.20
AV	11.65094G	43.87	54.00	-10.13	30.42	3	Vertical	73	1.14	-	39.29	8.36	34.20



802.11a_Nss1,(6Mbps)_2TX

27/01/2021

5825MHz_TX



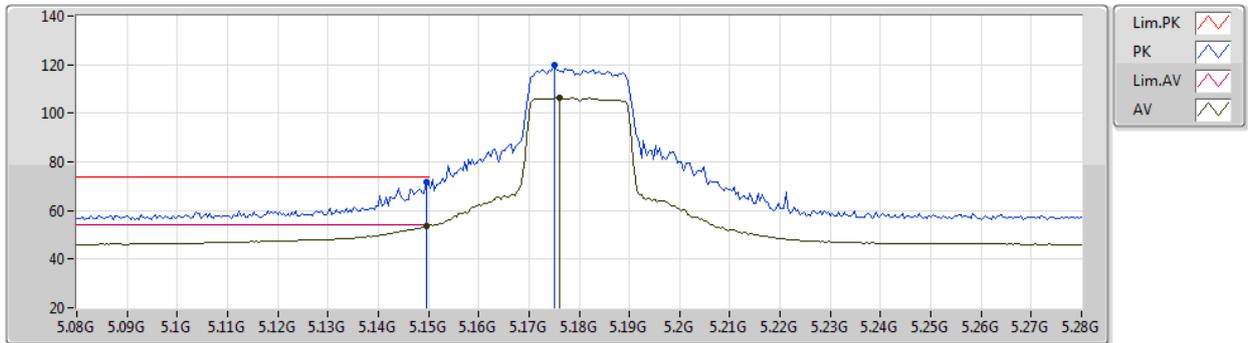
EUT Y_2TX
Setting 112
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65464G	55.09	74.00	-18.91	41.66	3	Horizontal	259	2.81	-	39.27	8.36	34.20
AV	11.64612G	43.73	54.00	-10.27	30.25	3	Horizontal	259	2.81	-	39.32	8.36	34.20

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5180MHz_TX



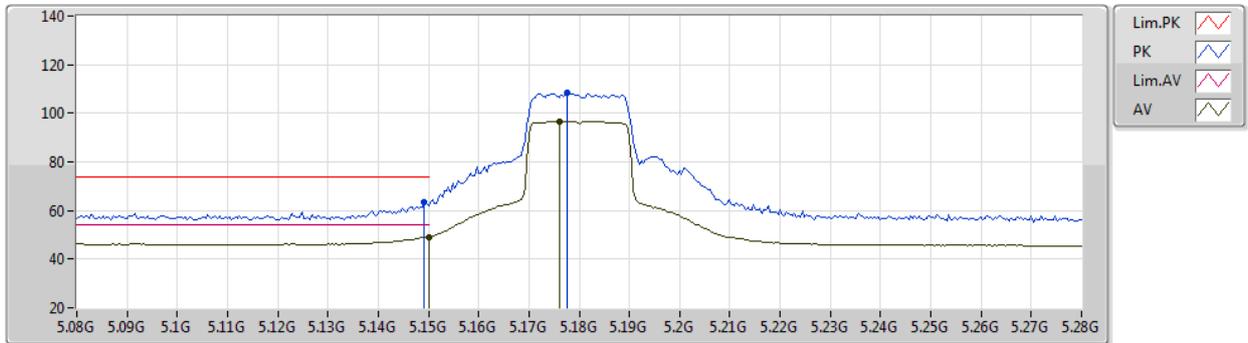
EUT Y_2TX
Setting 91
06-C-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1496G	71.96	74.00	-2.04	66.79	3	Vertical	81	1.75	-	31.80	5.00	31.63
AV	5.1496G	53.84	54.00	-0.16	48.67	3	Vertical	81	1.75	-	31.80	5.00	31.63
PK	5.1752G	119.89	Inf	-Inf	114.84	3	Vertical	81	1.75	-	31.70	5.00	31.65
AV	5.176G	106.31	Inf	-Inf	101.26	3	Vertical	81	1.75	-	31.70	5.00	31.65

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5180MHz_TX



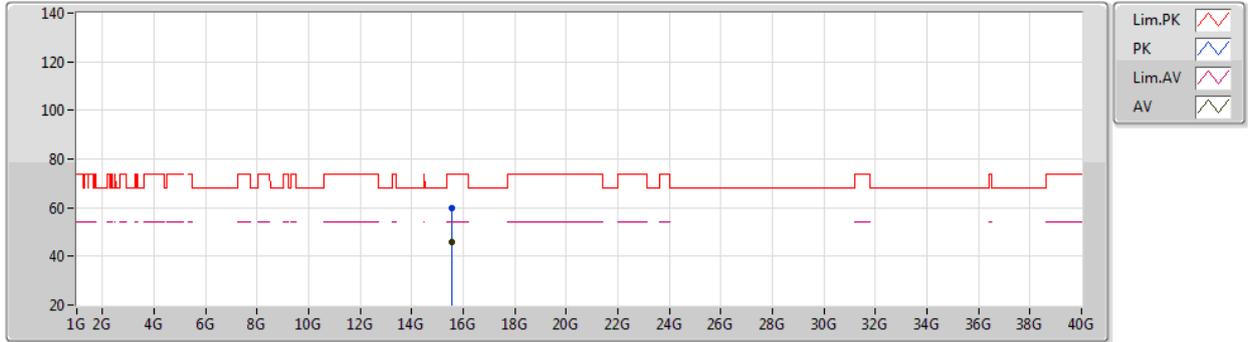
EUT Y_2TX
Setting 91
06-C-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1492G	63.36	74.00	-10.64	58.19	3	Horizontal	342	2.17	-	31.80	5.00	31.63
AV	5.15G	49.21	54.00	-4.79	44.04	3	Horizontal	342	2.17	-	31.80	5.00	31.63
PK	5.1776G	108.29	Inf	-Inf	103.25	3	Horizontal	342	2.17	-	31.69	5.00	31.65
AV	5.176G	96.80	Inf	-Inf	91.75	3	Horizontal	342	2.17	-	31.70	5.00	31.65

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5180MHz_TX



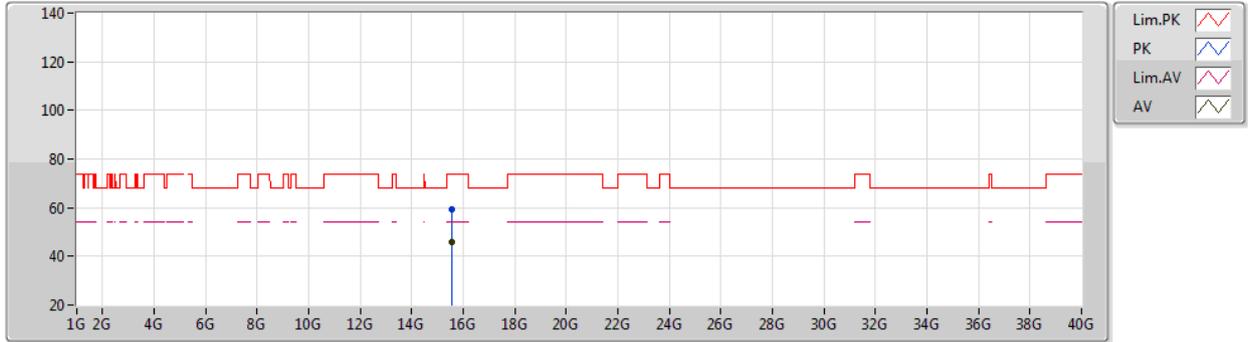
EUT Y_2TX
Setting 91
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.54192G	59.83	74.00	-14.17	44.17	3	Vertical	289	1.81	-	39.21	10.37	33.92
AV	15.5443G	46.04	54.00	-7.96	30.40	3	Vertical	289	1.81	-	39.19	10.37	33.92

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5180MHz_TX



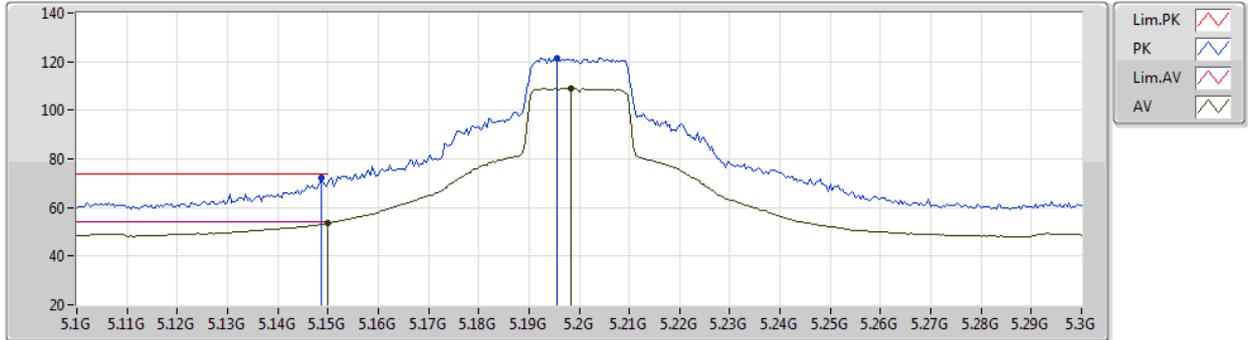
EUT Y_2TX
Setting 91
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.54156G	59.21	74.00	-14.79	43.55	3	Horizontal	282	2.76	-	39.21	10.37	33.92
AV	15.54498G	46.05	54.00	-7.95	30.41	3	Horizontal	282	2.76	-	39.19	10.37	33.92

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5200MHz_TX



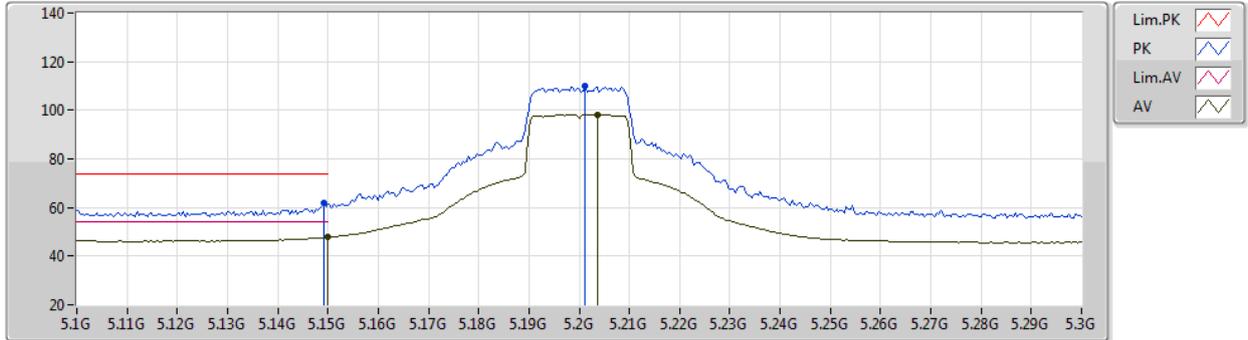
EUT Y_2TX
Setting 103
06-C-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1488G	72.25	74.00	-1.75	67.08	3	Vertical	108	1.78	-	31.80	5.00	31.63
AV	5.15G	53.46	54.00	-0.54	48.29	3	Vertical	108	1.78	-	31.80	5.00	31.63
PK	5.1956G	121.63	Inf	-Inf	116.67	3	Vertical	108	1.78	-	31.62	5.00	31.66
AV	5.1984G	108.98	Inf	-Inf	104.03	3	Vertical	108	1.78	-	31.61	5.00	31.66

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5200MHz_TX



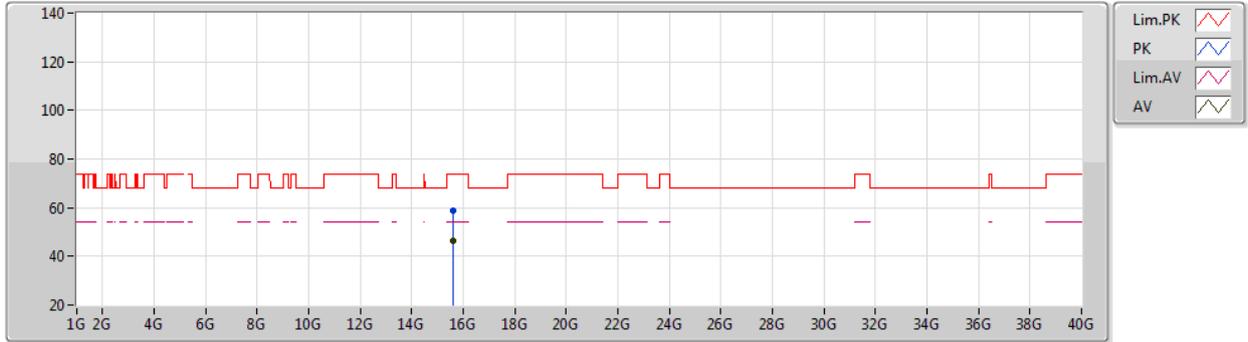
EUT Y_2TX
Setting 103
06-C-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1492G	61.67	74.00	-12.33	56.50	3	Horizontal	340	2.05	-	31.80	5.00	31.63
AV	5.15G	47.73	54.00	-6.27	42.56	3	Horizontal	340	2.05	-	31.80	5.00	31.63
PK	5.2012G	110.03	Inf	-Inf	105.11	3	Horizontal	340	2.05	-	31.59	5.00	31.67
AV	5.2036G	98.34	Inf	-Inf	93.43	3	Horizontal	340	2.05	-	31.58	5.00	31.67

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5200MHz_TX



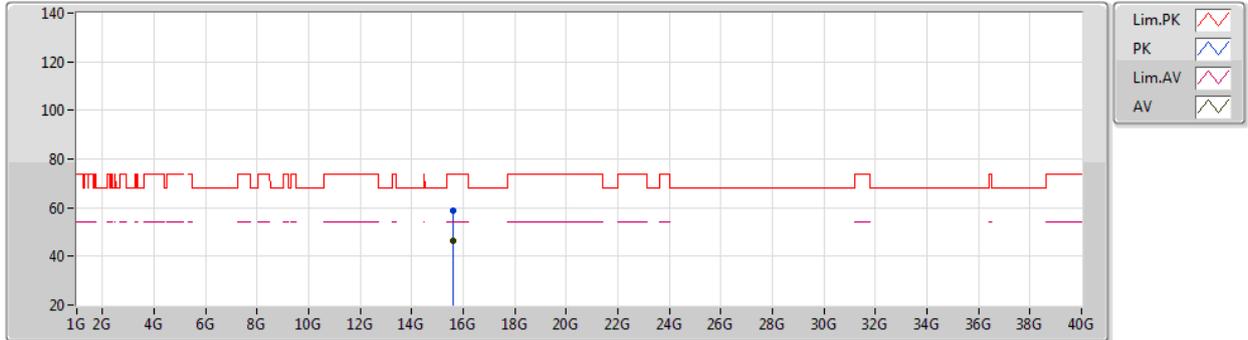
EUT Y_2TX
Setting 103
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.60398G	59.05	74.00	-14.95	43.81	3	Vertical	267	2.53	-	38.80	10.40	33.96
AV	15.59726G	46.30	54.00	-7.70	31.04	3	Vertical	267	2.53	-	38.82	10.40	33.96

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5200MHz_TX



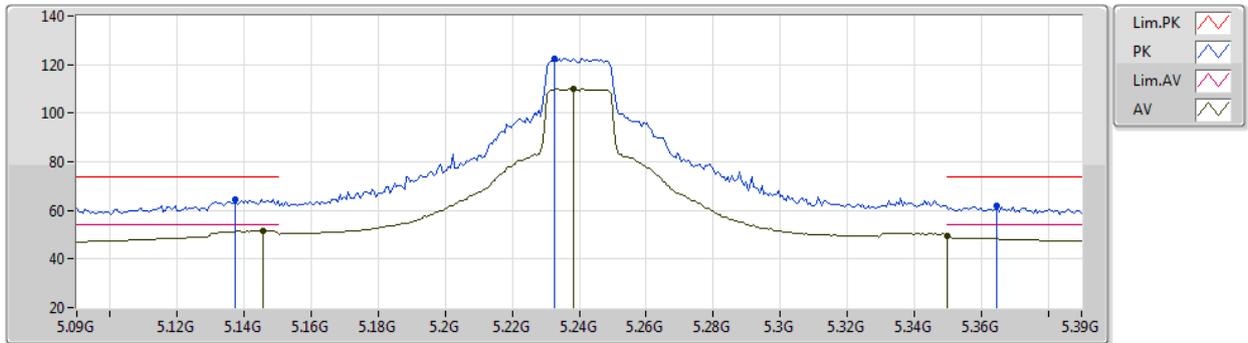
EUT Y_2TX
Setting 103
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.60096G	59.04	74.00	-14.96	43.80	3	Horizontal	137	1.31	-	38.80	10.40	33.96
AV	15.5964G	46.30	54.00	-7.70	31.03	3	Horizontal	137	1.31	-	38.83	10.40	33.96

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5240MHz_TX



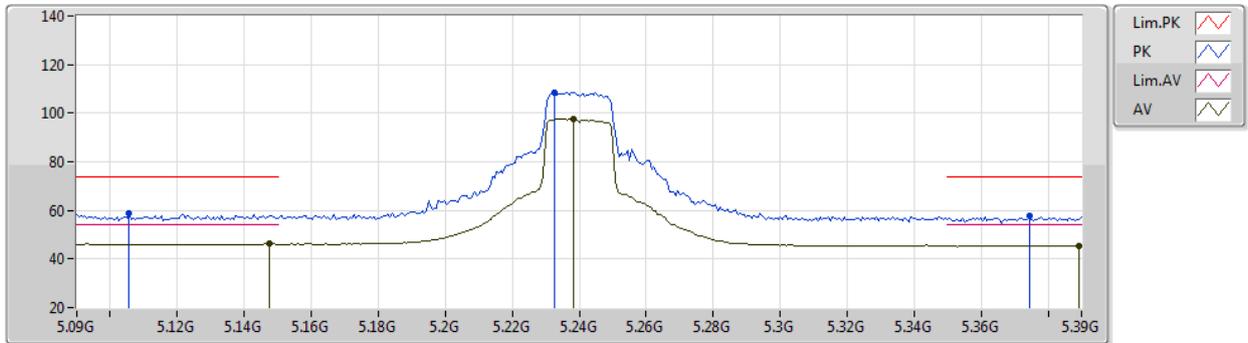
EUT Y_2TX
Setting 108
06-C-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1374G	64.72	74.00	-9.28	59.54	3	Vertical	108	1.78	-	31.80	5.00	31.62
AV	5.1458G	51.57	54.00	-2.43	46.40	3	Vertical	108	1.78	-	31.80	5.00	31.63
PK	5.2328G	122.47	Inf	-Inf	117.76	3	Vertical	108	1.78	-	31.40	5.00	31.69
AV	5.2382G	109.95	Inf	-Inf	105.27	3	Vertical	108	1.78	-	31.37	5.00	31.69
PK	5.3648G	61.67	74.00	-12.33	57.16	3	Vertical	108	1.78	-	31.29	5.00	31.78
AV	5.35G	49.72	54.00	-4.28	45.29	3	Vertical	108	1.78	-	31.20	5.00	31.77

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5240MHz_TX



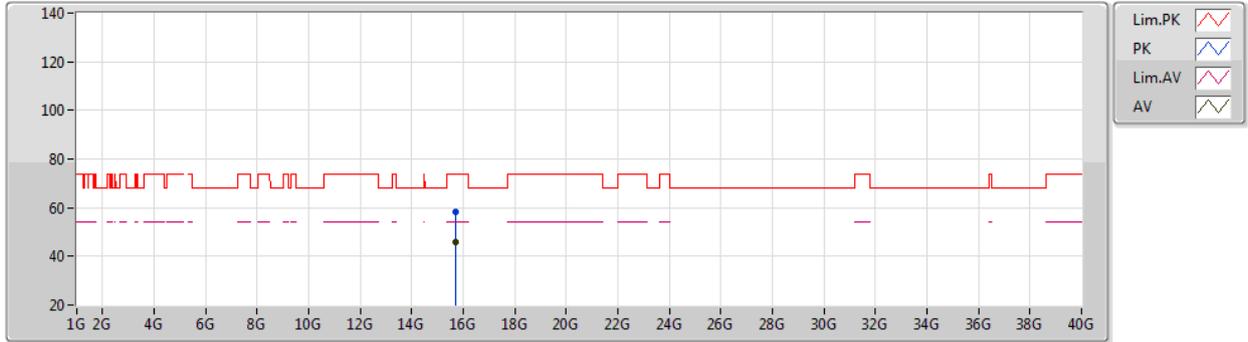
EUT Y_2TX
Setting 108
06-C-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1056G	58.57	74.00	-15.43	53.37	3	Horizontal	63	1.80	-	31.80	5.00	31.60
AV	5.1476G	46.14	54.00	-7.86	40.97	3	Horizontal	63	1.80	-	31.80	5.00	31.63
PK	5.2328G	108.54	Inf	-Inf	103.83	3	Horizontal	63	1.80	-	31.40	5.00	31.69
AV	5.2382G	97.59	Inf	-Inf	92.91	3	Horizontal	63	1.80	-	31.37	5.00	31.69
PK	5.3744G	57.65	74.00	-16.35	53.08	3	Horizontal	63	1.80	-	31.35	5.00	31.78
AV	5.3894G	45.48	54.00	-8.52	40.83	3	Horizontal	63	1.80	-	31.44	5.00	31.79

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5240MHz_TX



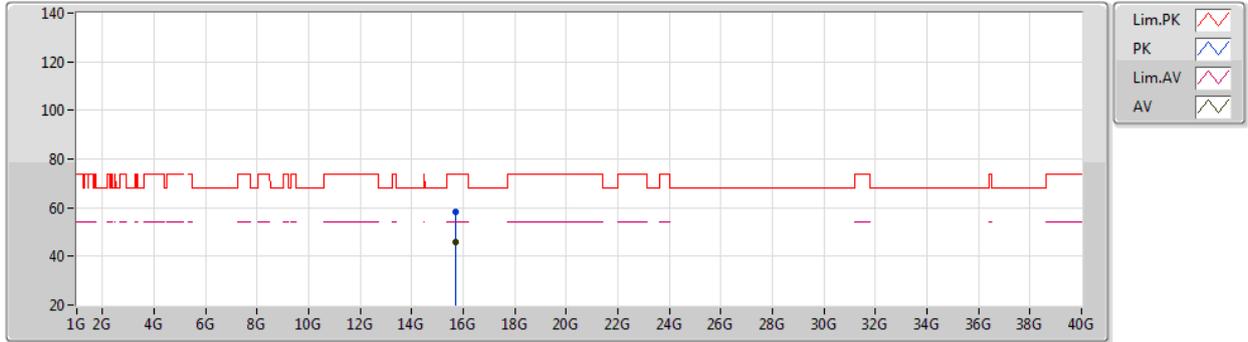
EUT Y_2TX
Setting 108
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.71982G	58.20	74.00	-15.80	42.99	3	Vertical	61	2.10	-	38.80	10.46	34.05
AV	15.71878G	45.82	54.00	-8.18	30.60	3	Vertical	61	2.10	-	38.81	10.46	34.05

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5240MHz_TX



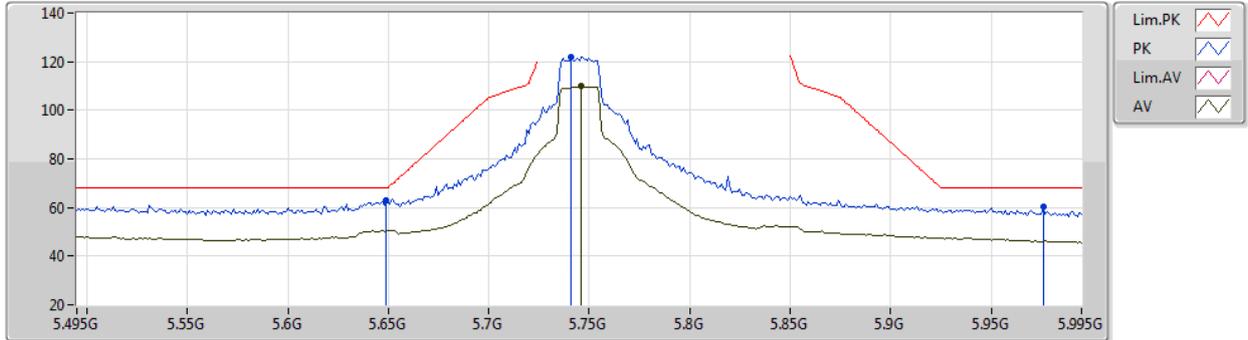
EUT Y_2TX
Setting 108
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.71712G	58.43	74.00	-15.57	43.21	3	Horizontal	215	1.57	-	38.81	10.46	34.05
AV	15.7184G	45.82	54.00	-8.18	30.60	3	Horizontal	215	1.57	-	38.81	10.46	34.05

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5745MHz_TX



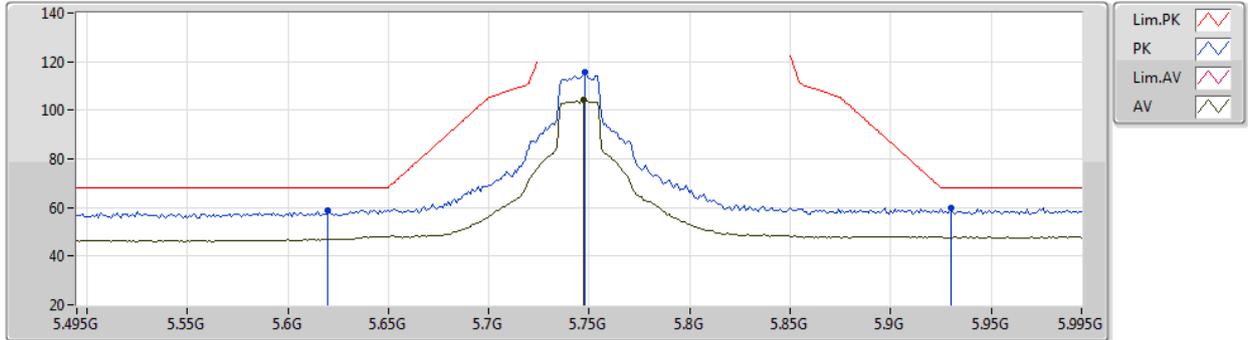
EUT Y_2TX
Setting 112
06-C-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.649G	62.86	68.20	-5.34	57.94	3	Vertical	285	1.77	-	31.50	5.22	31.80
PK	5.741G	121.94	Inf	-Inf	116.56	3	Vertical	285	1.77	-	31.86	5.27	31.75
AV	5.746G	109.82	Inf	-Inf	104.42	3	Vertical	285	1.77	-	31.88	5.27	31.75
PK	5.976G	60.50	68.20	-7.70	54.36	3	Vertical	285	1.77	-	32.30	5.48	31.64

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5745MHz_TX



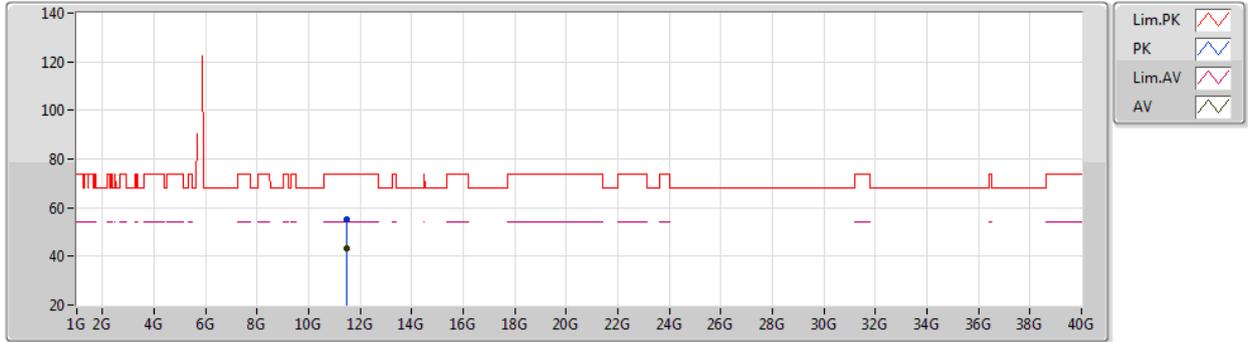
EUT Y_2TX
Setting 112
06-C-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.62G	59.01	68.20	-9.19	54.11	3	Horizontal	340	1.80	-	31.50	5.21	31.81
PK	5.748G	115.58	Inf	-Inf	110.17	3	Horizontal	340	1.80	-	31.89	5.27	31.75
AV	5.747G	104.09	Inf	-Inf	98.68	3	Horizontal	340	1.80	-	31.89	5.27	31.75
PK	5.93G	59.67	68.20	-8.53	53.60	3	Horizontal	340	1.80	-	32.30	5.43	31.66

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5745MHz_TX



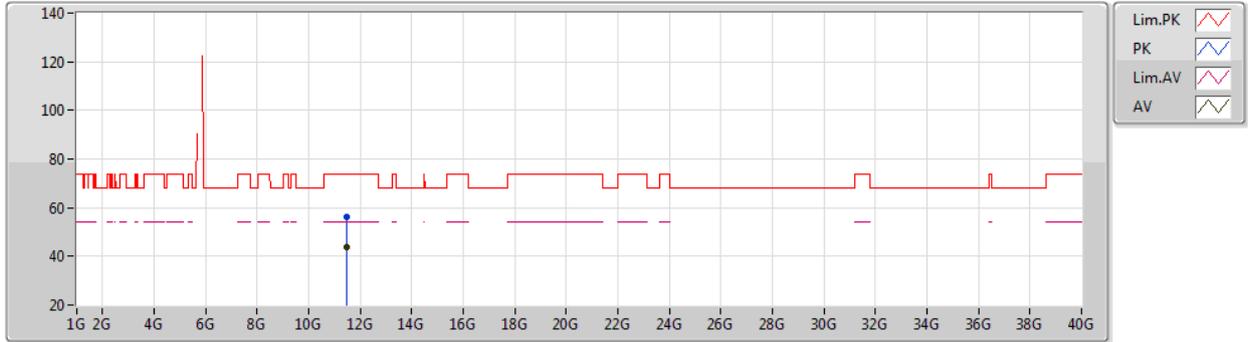
EUT Y_2TX
Setting 112
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.48938G	54.98	74.00	-19.02	40.91	3	Vertical	71	2.02	-	39.98	8.30	34.21
AV	11.49162G	43.53	54.00	-10.47	29.46	3	Vertical	71	2.02	-	39.98	8.30	34.21

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5745MHz_TX



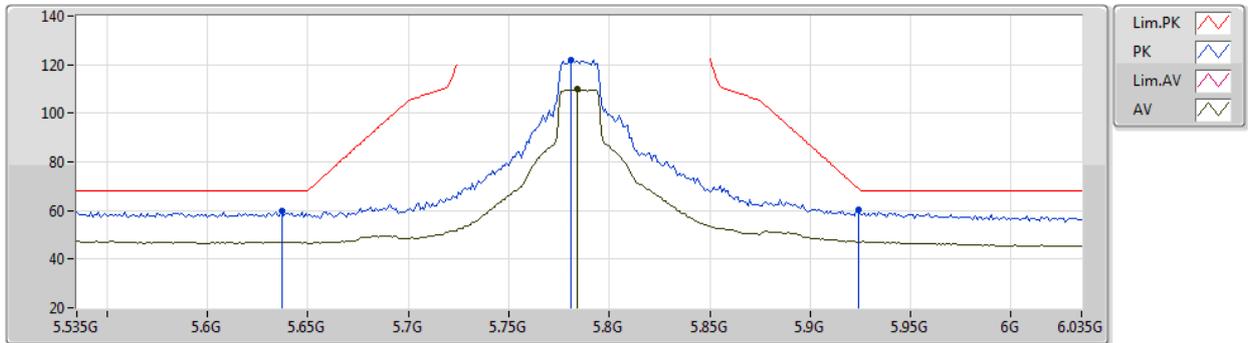
EUT Y_2TX
Setting 112
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4869G	56.27	74.00	-17.73	42.22	3	Horizontal	242	2.29	-	39.97	8.29	34.21
AV	11.49168G	43.62	54.00	-10.38	29.55	3	Horizontal	242	2.29	-	39.98	8.30	34.21

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5785MHz_TX



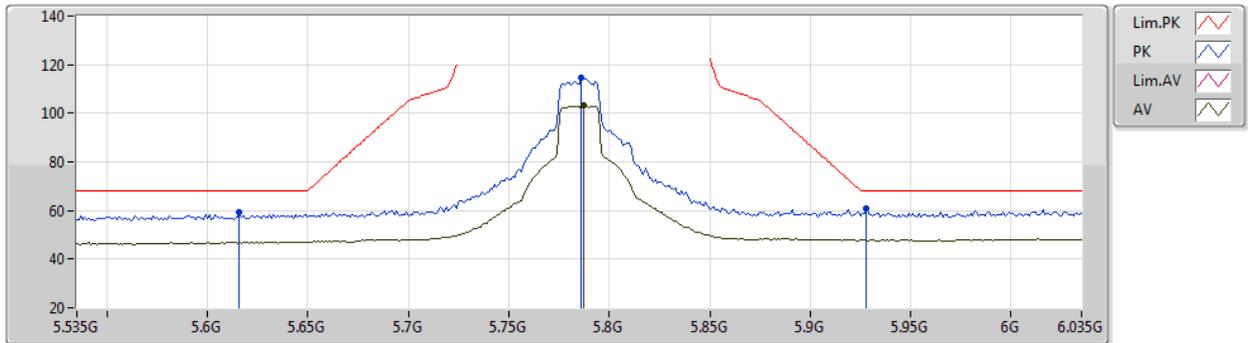
EUT Y_2TX
Setting 112
06-C-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.637G	59.74	68.20	-8.46	54.82	3	Vertical	283	2.44	-	31.50	5.22	31.80
PK	5.781G	121.89	Inf	-Inf	116.38	3	Vertical	283	2.44	-	31.96	5.29	31.74
AV	5.784G	109.89	Inf	-Inf	104.36	3	Vertical	283	2.44	-	31.97	5.29	31.73
PK	5.924G	60.10	68.94	-8.84	54.05	3	Vertical	283	2.44	-	32.30	5.42	31.67

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5785MHz_TX



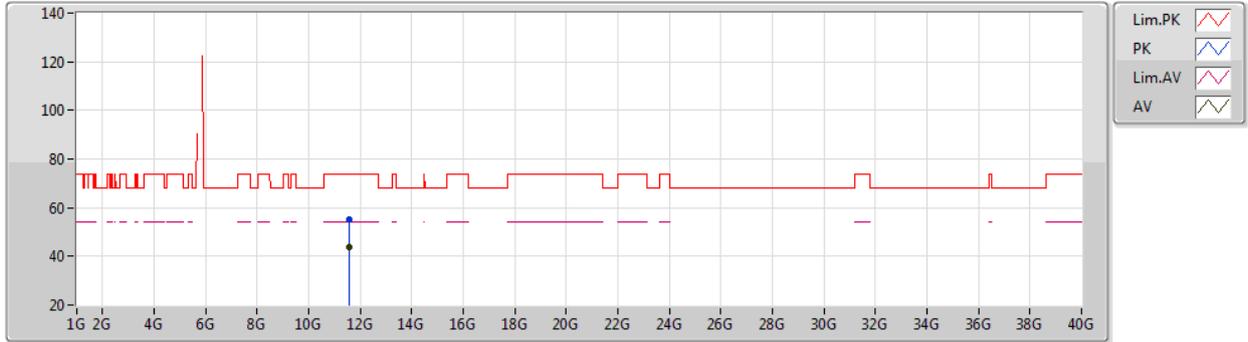
EUT Y_2TX
Setting 112
06-C-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.616G	59.13	68.20	-9.07	54.23	3	Horizontal	339	1.98	-	31.50	5.21	31.81
PK	5.786G	114.68	Inf	-Inf	109.15	3	Horizontal	339	1.98	-	31.97	5.29	31.73
AV	5.787G	103.26	Inf	-Inf	97.73	3	Horizontal	339	1.98	-	31.97	5.29	31.73
PK	5.928G	60.82	68.20	-7.38	54.75	3	Horizontal	339	1.98	-	32.30	5.43	31.66

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5785MHz_TX



EUT Y_2TX
Setting 112
06-C-G-2

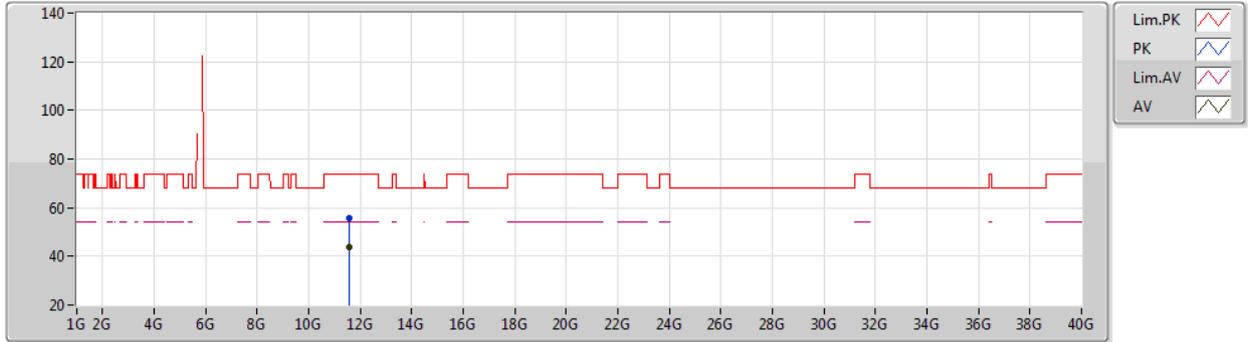
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PK	11.56636G	55.07	74.00	-18.93	41.21	3	Vertical	240	2.61	-	39.73	8.33	34.20
AV	11.57488G	43.81	54.00	-10.19	29.98	3	Vertical	240	2.61	-	39.70	8.33	34.20



802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5785MHz_TX



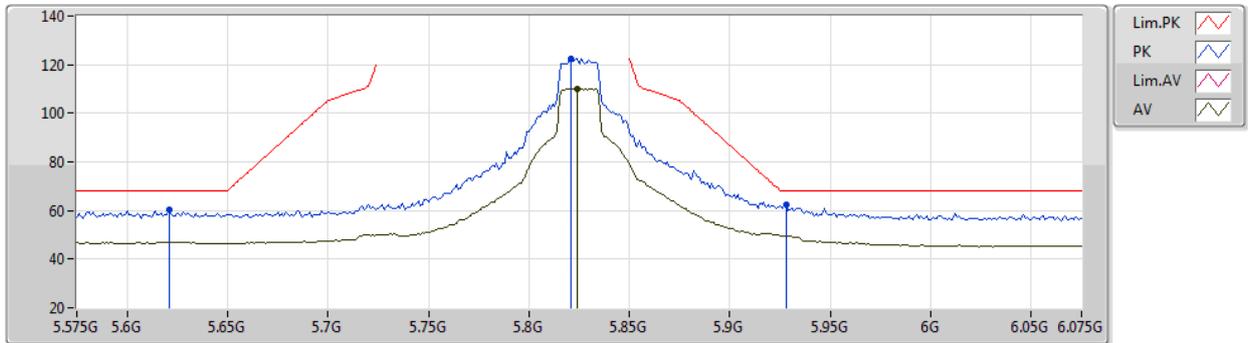
EUT Y_2TX
Setting 112
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5709G	55.52	74.00	-18.48	41.67	3	Horizontal	329	2.60	-	39.72	8.33	34.20
AV	11.56862G	43.54	54.00	-10.46	29.68	3	Horizontal	329	2.60	-	39.73	8.33	34.20

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5825MHz_TX



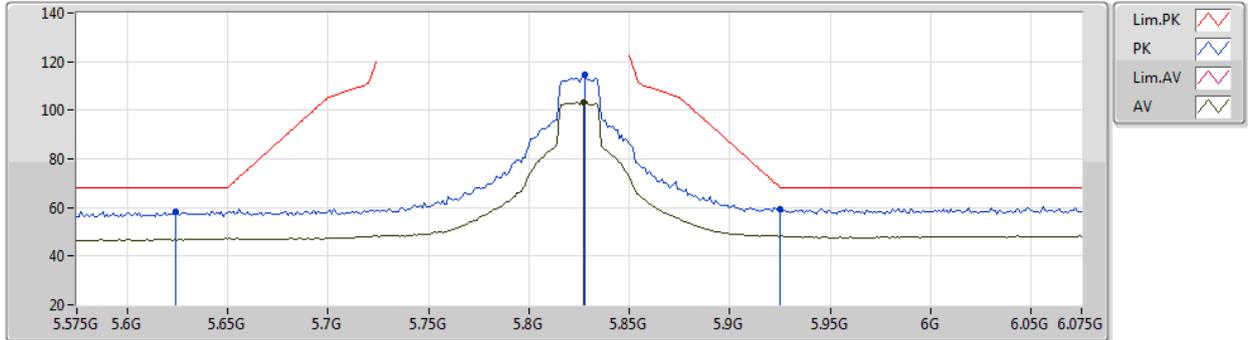
EUT Y_2TX
Setting 112
06-C-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.621G	60.10	68.20	-8.10	55.20	3	Vertical	283	1.89	-	31.50	5.21	31.81
PK	5.821G	122.53	Inf	-Inf	116.85	3	Vertical	283	1.89	-	32.08	5.32	31.72
AV	5.824G	110.14	Inf	-Inf	104.43	3	Vertical	283	1.89	-	32.10	5.32	31.71
PK	5.928G	62.33	68.20	-5.87	56.26	3	Vertical	283	1.89	-	32.30	5.43	31.66

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5825MHz_TX



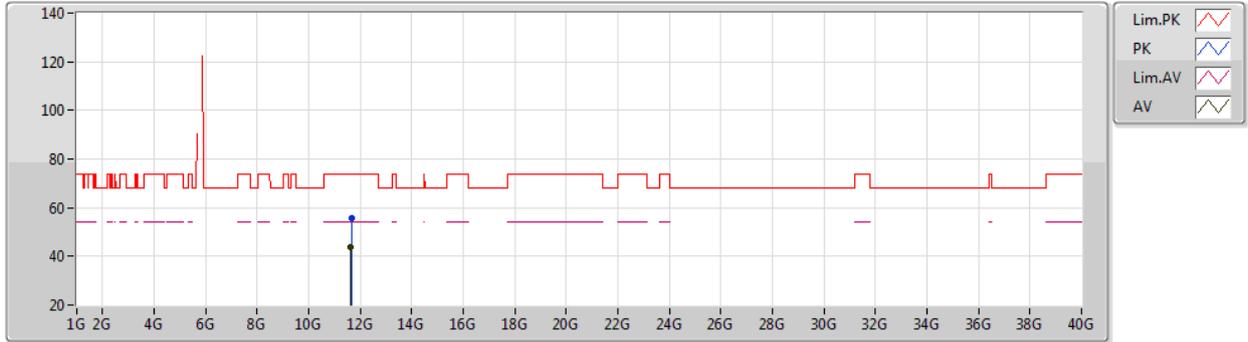
EUT Y_2TX
Setting 112
06-C-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.624G	58.41	68.20	-9.79	53.51	3	Horizontal	341	1.97	-	31.50	5.21	31.81
PK	5.828G	114.74	Inf	-Inf	109.01	3	Horizontal	341	1.97	-	32.11	5.33	31.71
AV	5.827G	103.36	Inf	-Inf	97.63	3	Horizontal	341	1.97	-	32.11	5.33	31.71
PK	5.925G	59.54	68.20	-8.66	53.48	3	Horizontal	341	1.97	-	32.30	5.43	31.67

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5825MHz_TX



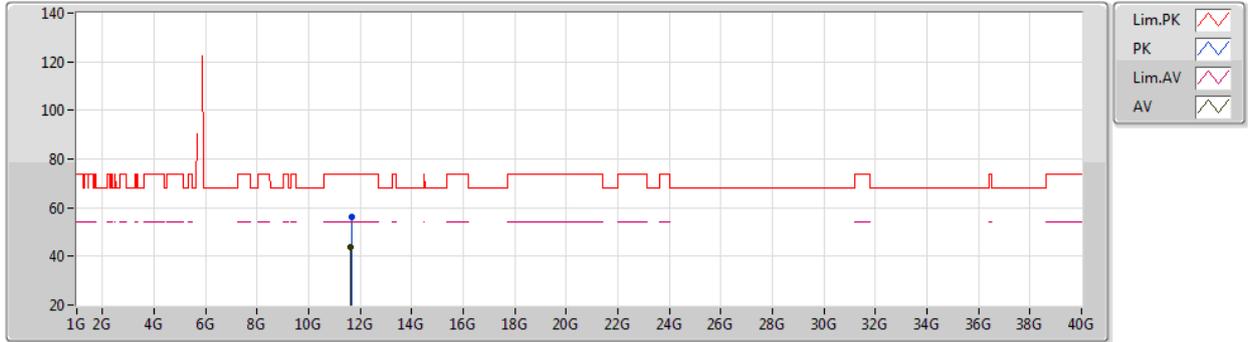
EUT Y_2TX
Setting 112
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65452G	55.51	74.00	-18.49	42.08	3	Vertical	324	2.06	-	39.27	8.36	34.20
AV	11.64552G	43.65	54.00	-10.35	30.16	3	Vertical	324	2.06	-	39.33	8.36	34.20

802.11ax HEW20_Nss2,(MCS0)_2TX

27/01/2021

5825MHz_TX



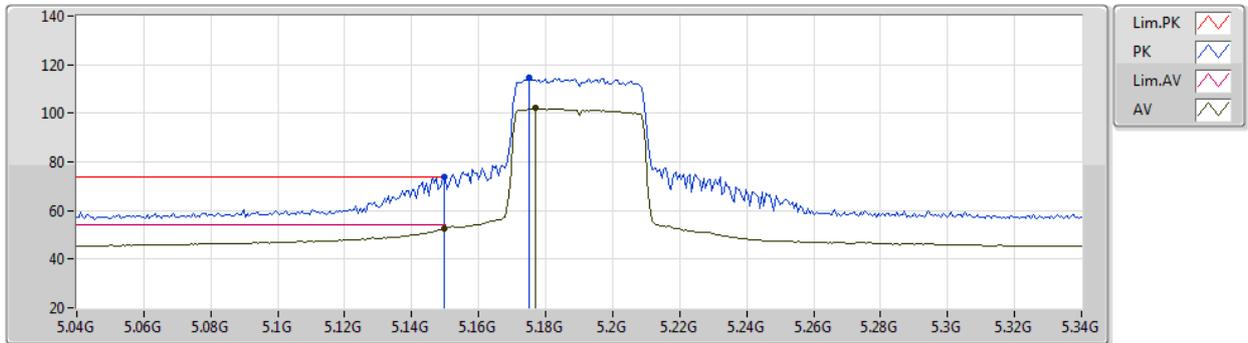
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Setting 112
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65176G	56.05	74.00	-17.95	42.60	3	Horizontal	189	2.96	-	39.29	8.36	34.20
AV	11.64588G	43.65	54.00	-10.35	30.17	3	Horizontal	189	2.96	-	39.32	8.36	34.20

802.11ax HEW40_Nss2,(MCS0)_2TX

27/01/2021

5190MHz_TX



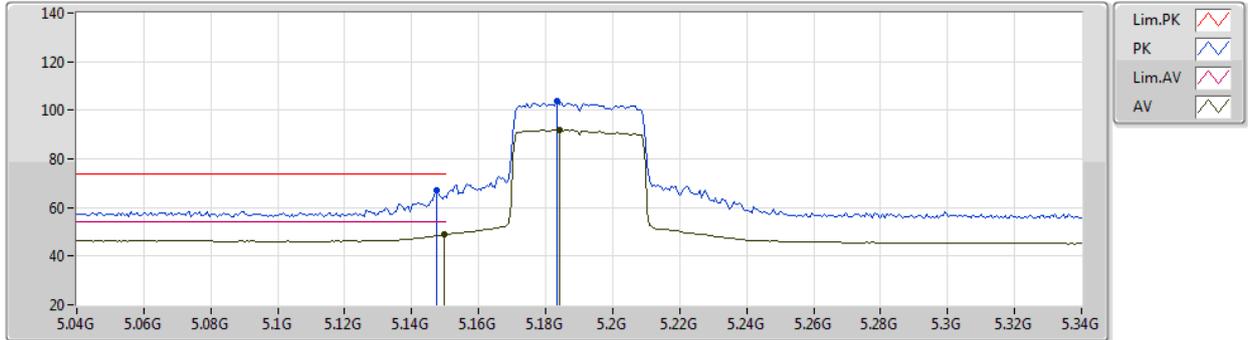
EUT Y_2TX
Setting 84
06-C-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1498G	73.91	74.00	-0.09	68.74	3	Vertical	86	1.71	-	31.80	5.00	31.63
AV	5.1498G	52.63	54.00	-1.37	47.46	3	Vertical	86	1.71	-	31.80	5.00	31.63
PK	5.175G	114.55	Inf	-Inf	109.50	3	Vertical	86	1.71	-	31.70	5.00	31.65
AV	5.1768G	102.09	Inf	-Inf	97.05	3	Vertical	86	1.71	-	31.69	5.00	31.65

802.11ax HEW40_Nss2,(MCS0)_2TX

27/01/2021

5190MHz_TX



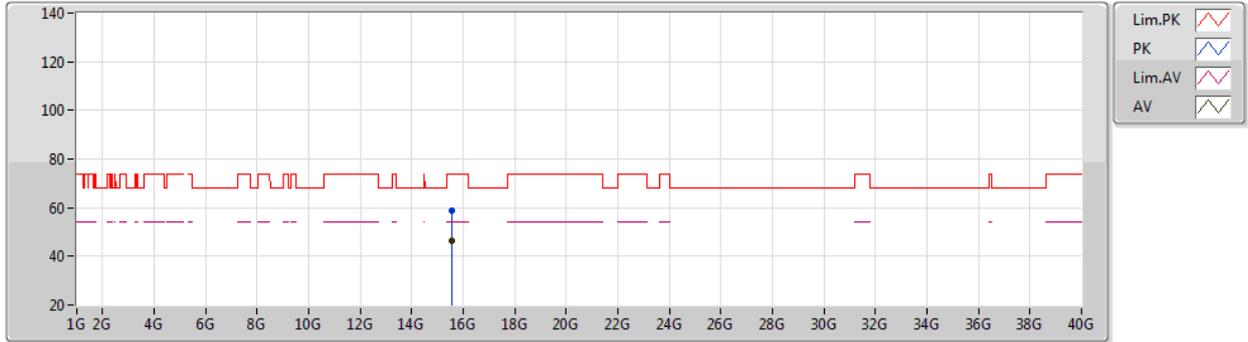
EUT Y_2TX
Setting 84
06-C-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1474G	66.94	74.00	-7.06	61.77	3	Horizontal	342	2.18	-	31.80	5.00	31.63
AV	5.1498G	48.79	54.00	-5.21	43.62	3	Horizontal	342	2.18	-	31.80	5.00	31.63
PK	5.1834G	103.93	Inf	-Inf	98.91	3	Horizontal	342	2.18	-	31.67	5.00	31.65
AV	5.184G	92.09	Inf	-Inf	87.09	3	Horizontal	342	2.18	-	31.66	5.00	31.66

802.11ax HEW40_Nss2,(MCS0)_2TX

27/01/2021

5190MHz_TX



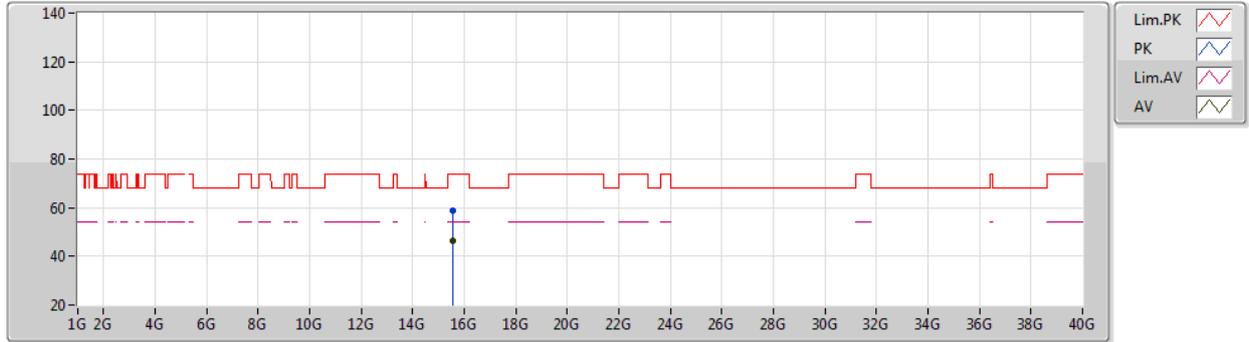
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Setting 84
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.56862G	58.60	74.00	-15.40	43.14	3	Vertical	190	2.76	-	39.02	10.38	33.94
AV	15.57054G	46.34	54.00	-7.66	30.88	3	Vertical	190	2.76	-	39.01	10.39	33.94

802.11ax HEW40_Nss2,(MCS0)_2TX

27/01/2021

5190MHz_TX



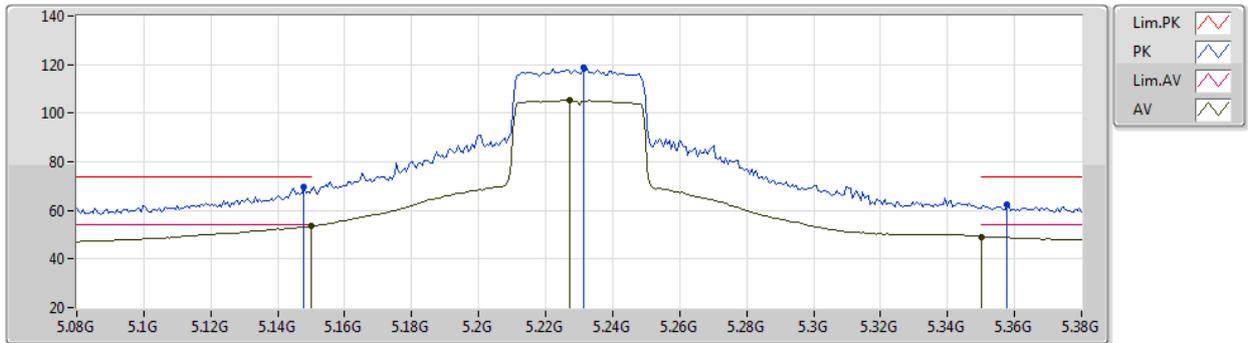
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Setting 84
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.57026G	58.68	74.00	-15.32	43.22	3	Horizontal	148	2.18	-	39.01	10.39	33.94
AV	15.5717G	46.43	54.00	-7.57	30.98	3	Horizontal	148	2.18	-	39.00	10.39	33.94

802.11ax HEW40_Nss2,(MCS0)_2TX

27/01/2021

5230MHz_TX



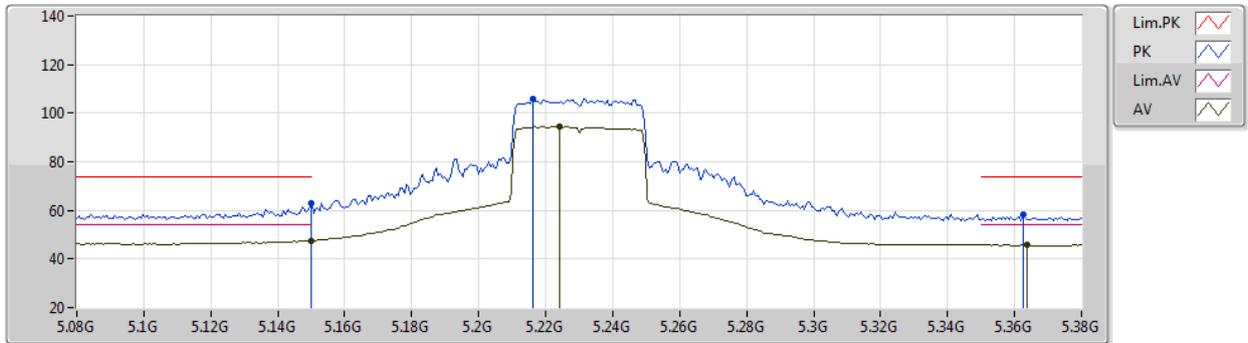
EUT Y_2TX
Setting 97
06-C-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1478G	69.70	74.00	-4.30	64.53	3	Vertical	102	1.91	-	31.80	5.00	31.63
AV	5.15G	53.42	54.00	-0.58	48.25	3	Vertical	102	1.91	-	31.80	5.00	31.63
PK	5.2312G	118.79	Inf	-Inf	114.07	3	Vertical	102	1.91	-	31.41	5.00	31.69
AV	5.227G	105.39	Inf	-Inf	100.63	3	Vertical	102	1.91	-	31.44	5.00	31.68
PK	5.3578G	62.20	74.00	-11.80	57.72	3	Vertical	102	1.91	-	31.25	5.00	31.77
AV	5.35G	49.16	54.00	-4.84	44.73	3	Vertical	102	1.91	-	31.20	5.00	31.77

802.11ax HEW40_Nss2,(MCS0)_2TX

27/01/2021

5230MHz_TX



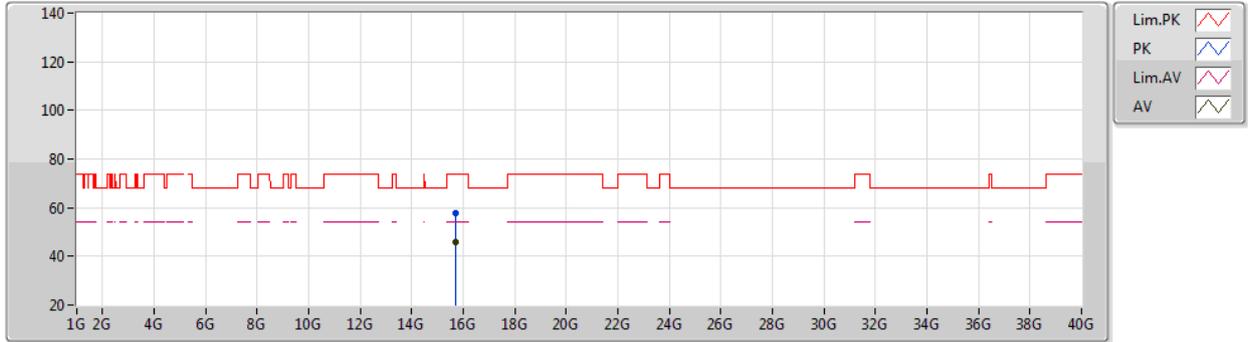
EUT Y_2TX
Setting 97
06-C-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	63.04	74.00	-10.96	57.87	3	Horizontal	340	2.17	-	31.80	5.00	31.63
AV	5.15G	47.57	54.00	-6.43	42.40	3	Horizontal	340	2.17	-	31.80	5.00	31.63
PK	5.2162G	105.89	Inf	-Inf	101.07	3	Horizontal	340	2.17	-	31.50	5.00	31.68
AV	5.224G	94.73	Inf	-Inf	89.95	3	Horizontal	340	2.17	-	31.46	5.00	31.68
PK	5.3626G	58.18	74.00	-15.82	53.68	3	Horizontal	340	2.17	-	31.28	5.00	31.78
AV	5.3638G	45.72	54.00	-8.28	41.22	3	Horizontal	340	2.17	-	31.28	5.00	31.78

802.11ax HEW40_Nss2,(MCS0)_2TX

27/01/2021

5230MHz_TX



EUT Y_2TX
Setting 97
06-C-G-2

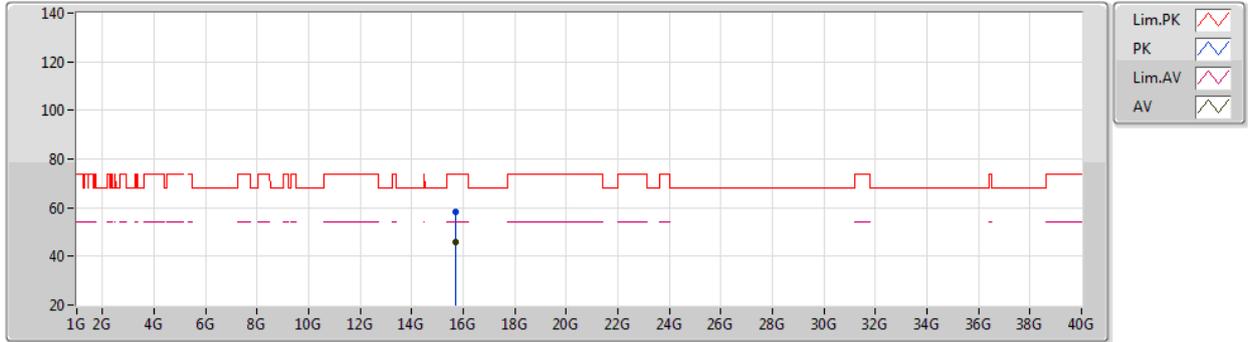
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PK	15.68544G	57.98	74.00	-16.02	42.67	3	Vertical	166	1.44	-	38.89	10.44	34.02
AV	15.69186G	45.82	54.00	-8.18	30.51	3	Vertical	166	1.44	-	38.89	10.45	34.03



802.11ax HEW40_Nss2,(MCS0)_2TX

27/01/2021

5230MHz_TX



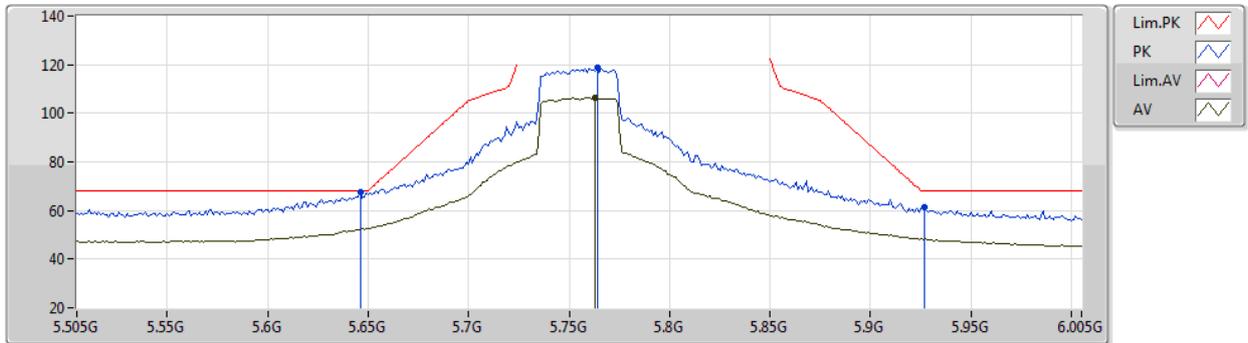
EUT Y_2TX
Setting 97
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.68808G	58.42	74.00	-15.58	43.12	3	Horizontal	205	1.56	-	38.89	10.44	34.03
AV	15.69232G	45.82	54.00	-8.18	30.51	3	Horizontal	205	1.56	-	38.89	10.45	34.03

802.11ax HEW40_Nss2,(MCS0)_2TX

27/01/2021

5755MHz_TX



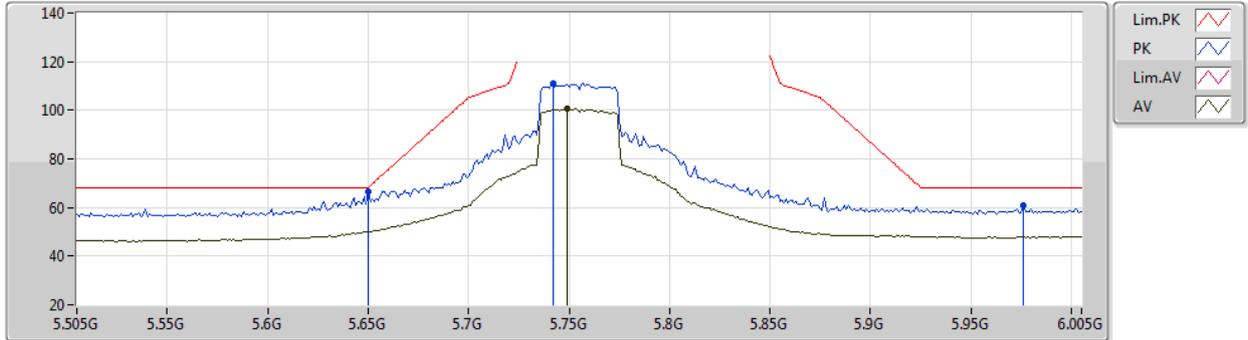
EUT Y_2TX
Setting 109
06-C-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.646G	67.76	68.20	-0.44	62.84	3	Vertical	288	1.87	-	31.50	5.22	31.80
PK	5.764G	118.86	Inf	-Inf	113.39	3	Vertical	288	1.87	-	31.93	5.28	31.74
AV	5.763G	106.30	Inf	-Inf	100.83	3	Vertical	288	1.87	-	31.93	5.28	31.74
PK	5.927G	61.53	68.20	-6.67	55.47	3	Vertical	288	1.87	-	32.30	5.43	31.67

802.11ax HEW40_Nss2,(MCS0)_2TX

27/01/2021

5755MHz_TX



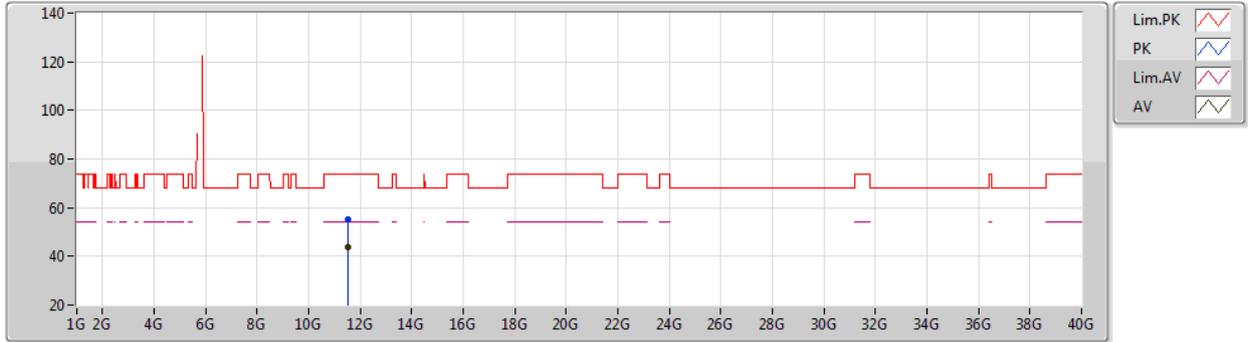
EUT Y_2TX
Setting 109
06-C-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.65G	66.68	68.20	-1.52	61.76	3	Horizontal	341	1.80	-	31.50	5.22	31.80
PK	5.742G	111.07	Inf	-Inf	105.68	3	Horizontal	341	1.80	-	31.87	5.27	31.75
AV	5.749G	100.56	Inf	-Inf	95.14	3	Horizontal	341	1.80	-	31.90	5.27	31.75
PK	5.976G	60.78	68.20	-7.42	54.64	3	Horizontal	341	1.80	-	32.30	5.48	31.64

802.11ax HEW40_Nss2,(MCS0)_2TX

27/01/2021

5755MHz_TX



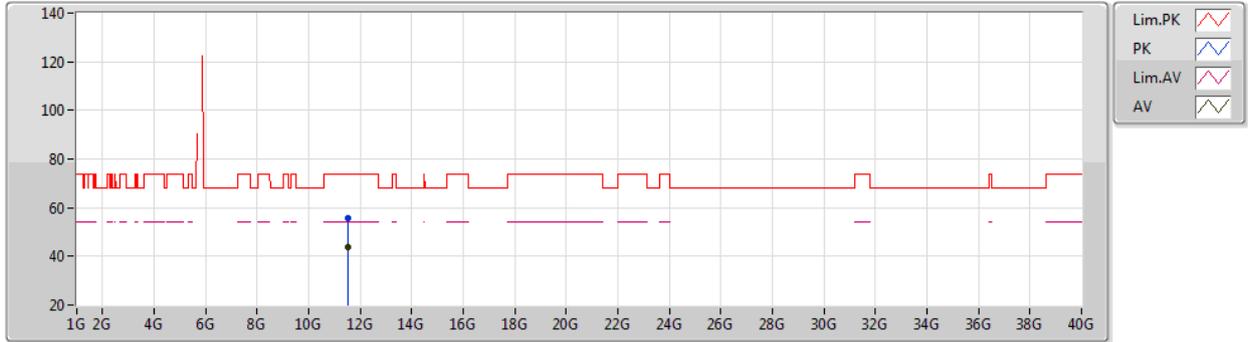
EUT Y_2TX
Setting 109
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.50702G	55.01	74.00	-18.99	40.95	3	Vertical	272	2.53	-	39.97	8.30	34.21
AV	11.51254G	43.87	54.00	-10.13	29.82	3	Vertical	272	2.53	-	39.95	8.31	34.21

802.11ax HEW40_Nss2,(MCS0)_2TX

27/01/2021

5755MHz_TX



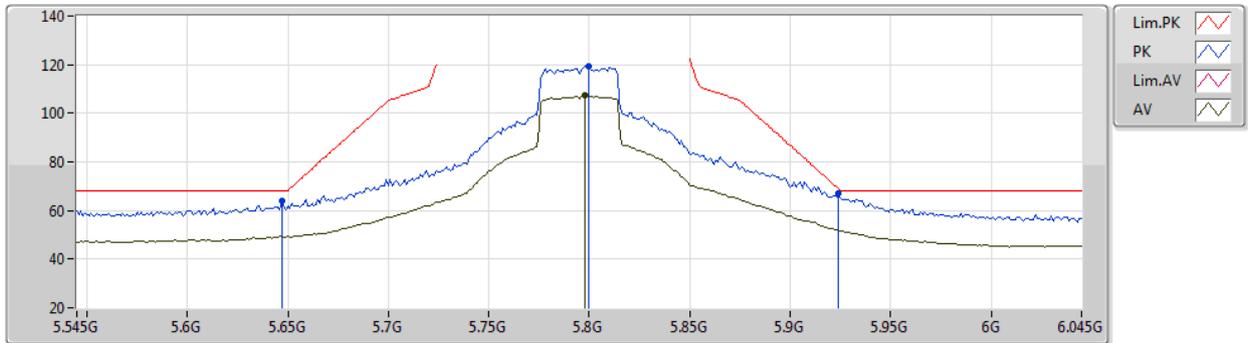
EUT Y_2TX
Setting 109
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.50526G	55.57	74.00	-18.43	41.50	3	Horizontal	6	2.13	-	39.98	8.30	34.21
AV	11.50622G	43.74	54.00	-10.26	29.67	3	Horizontal	6	2.13	-	39.98	8.30	34.21

802.11ax HEW40_Nss2,(MCS0)_2TX

27/01/2021

5795MHz_TX



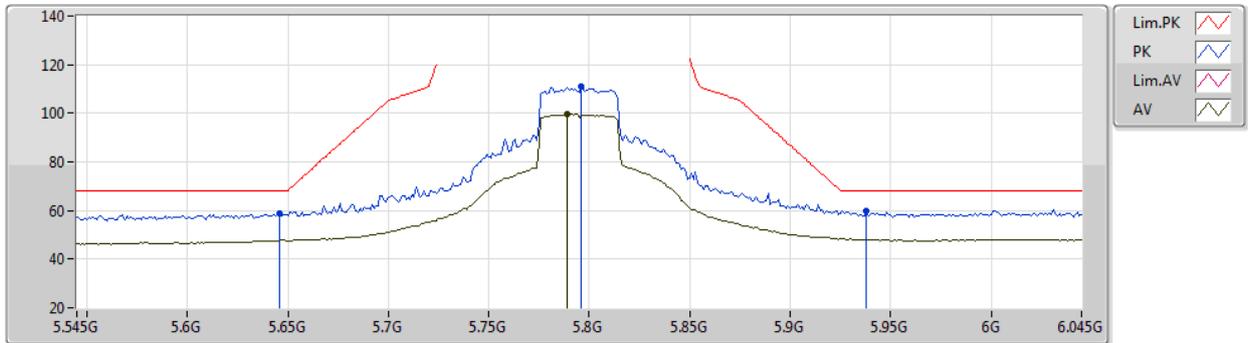
EUT Y_2TX
Setting 112
06-C-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.647G	63.88	68.20	-4.32	58.96	3	Vertical	280	1.80	-	31.50	5.22	31.80
PK	5.8G	119.55	Inf	-Inf	113.98	3	Vertical	280	1.80	-	32.00	5.30	31.73
AV	5.798G	107.41	Inf	-Inf	101.84	3	Vertical	280	1.80	-	32.00	5.30	31.73
PK	5.924G	66.82	68.94	-2.12	60.77	3	Vertical	280	1.80	-	32.30	5.42	31.67

802.11ax HEW40_Nss2,(MCS0)_2TX

27/01/2021

5795MHz_TX



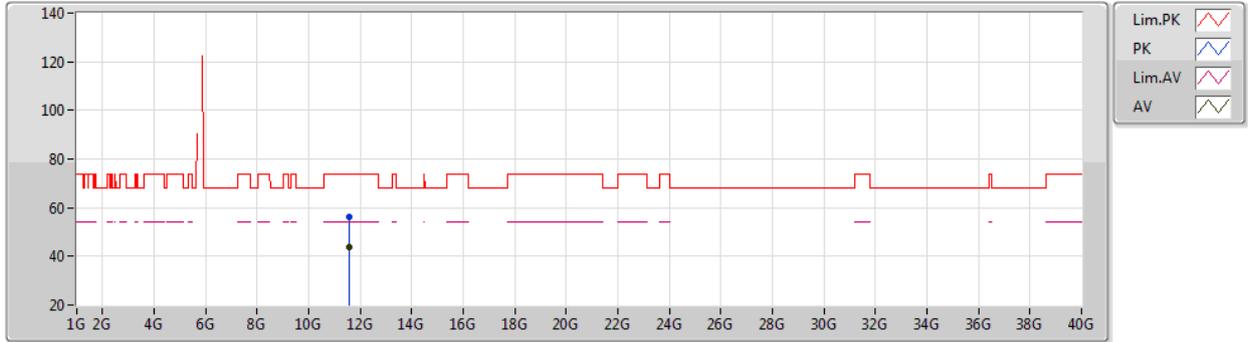
EUT Y_2TX
Setting 112
06-C-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.646G	58.56	68.20	-9.64	53.64	3	Horizontal	342	2.19	-	31.50	5.22	31.80
PK	5.796G	111.11	Inf	-Inf	105.55	3	Horizontal	342	2.19	-	31.99	5.30	31.73
AV	5.789G	99.85	Inf	-Inf	94.31	3	Horizontal	342	2.19	-	31.98	5.29	31.73
PK	5.938G	59.98	68.20	-8.22	53.90	3	Horizontal	342	2.19	-	32.30	5.44	31.66

802.11ax HEW40_Nss2,(MCS0)_2TX

27/01/2021

5795MHz_TX



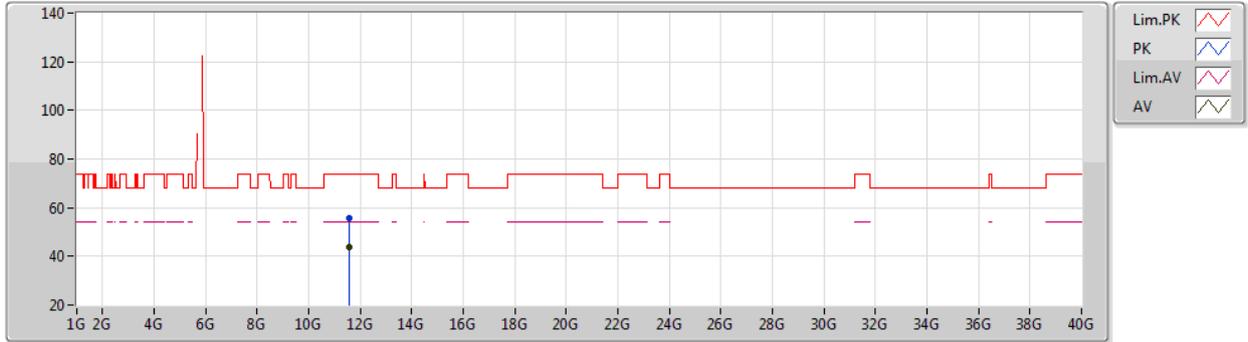
EUT Y_2TX
Setting 112
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.58582G	55.97	74.00	-18.03	42.18	3	Vertical	77	2.10	-	39.66	8.33	34.20
AV	11.59052G	43.91	54.00	-10.09	30.13	3	Vertical	77	2.10	-	39.64	8.34	34.20

802.11ax HEW40_Nss2,(MCS0)_2TX

27/01/2021

5795MHz_TX



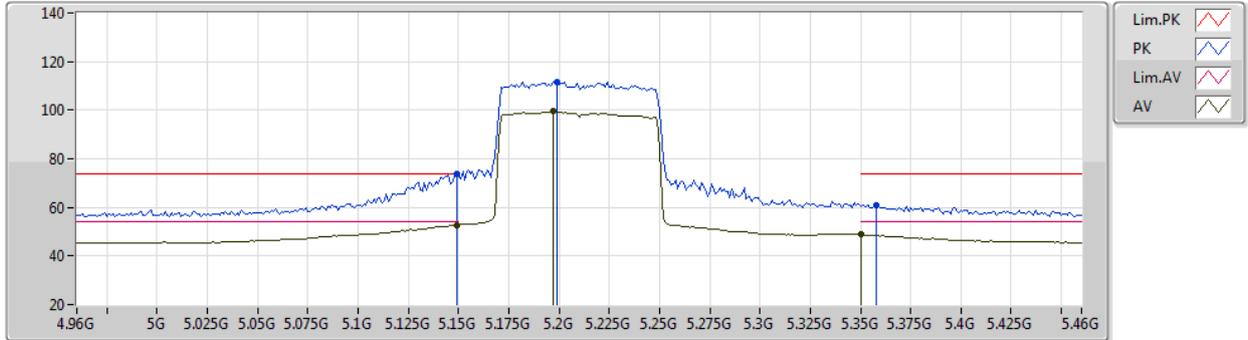
EUT Y_2TX
Setting 112
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.59108G	55.87	74.00	-18.13	42.09	3	Horizontal	92	2.74	-	39.64	8.34	34.20
AV	11.5913G	43.81	54.00	-10.19	30.04	3	Horizontal	92	2.74	-	39.63	8.34	34.20

802.11ax HEW80_Nss2,(MCS0)_2TX

27/01/2021

5210MHz_TX



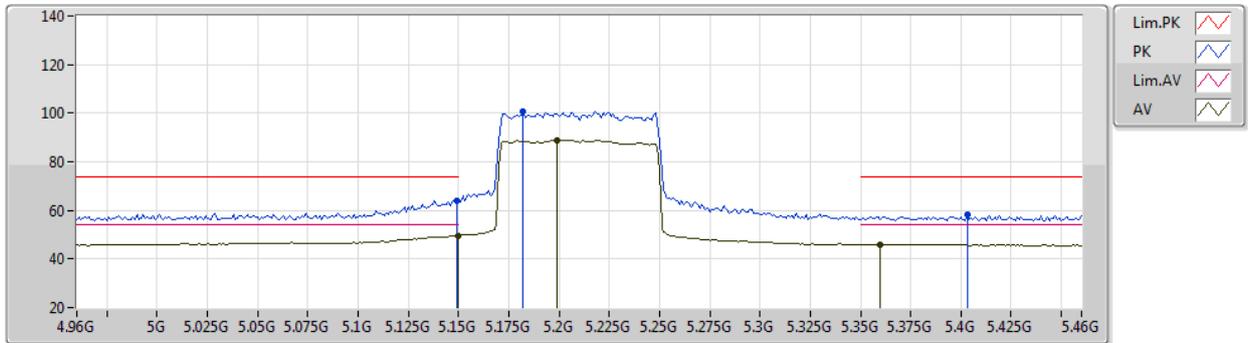
EUT Y_2TX
Setting 87
06-C-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.149G	73.93	74.00	-0.07	68.76	3	Vertical	103	1.94	-	31.80	5.00	31.63
AV	5.149G	52.76	54.00	-1.24	47.59	3	Vertical	103	1.94	-	31.80	5.00	31.63
PK	5.199G	111.74	Inf	-Inf	106.81	3	Vertical	103	1.94	-	31.60	5.00	31.67
AV	5.197G	99.46	Inf	-Inf	94.51	3	Vertical	103	1.94	-	31.61	5.00	31.66
PK	5.358G	61.08	74.00	-12.92	56.60	3	Vertical	103	1.94	-	31.25	5.00	31.77
AV	5.35G	48.75	54.00	-5.25	44.32	3	Vertical	103	1.94	-	31.20	5.00	31.77

802.11ax HEW80_Nss2,(MCS0)_2TX

27/01/2021

5210MHz_TX



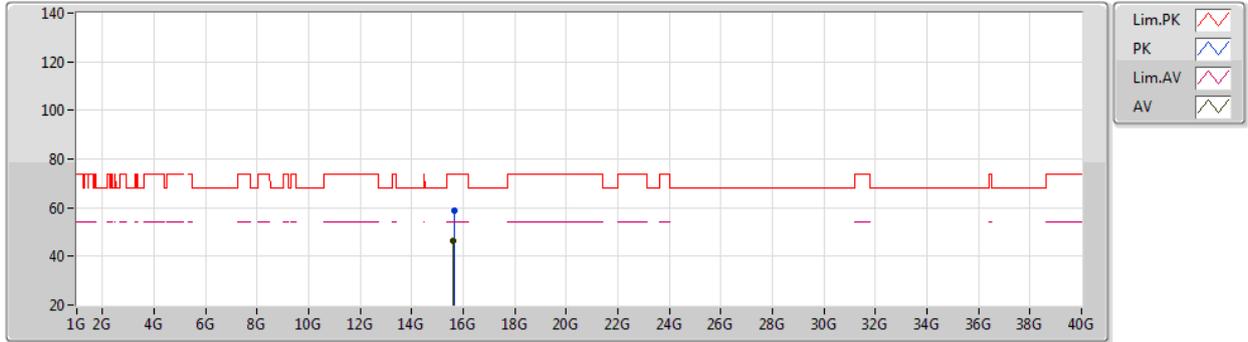
EUT Y_2TX
Setting 87
06-C-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.149G	64.19	74.00	-9.81	59.02	3	Horizontal	339	1.99	-	31.80	5.00	31.63
AV	5.15G	49.74	54.00	-4.26	44.57	3	Horizontal	339	1.99	-	31.80	5.00	31.63
PK	5.182G	100.76	Inf	-Inf	95.74	3	Horizontal	339	1.99	-	31.67	5.00	31.65
AV	5.199G	88.98	Inf	-Inf	84.05	3	Horizontal	339	1.99	-	31.60	5.00	31.67
PK	5.403G	58.15	74.00	-15.85	53.44	3	Horizontal	339	1.99	-	31.51	5.00	31.80
AV	5.36G	46.08	54.00	-7.92	41.59	3	Horizontal	339	1.99	-	31.26	5.00	31.77

802.11ax HEW80_Nss2,(MCS0)_2TX

27/01/2021

5210MHz_TX



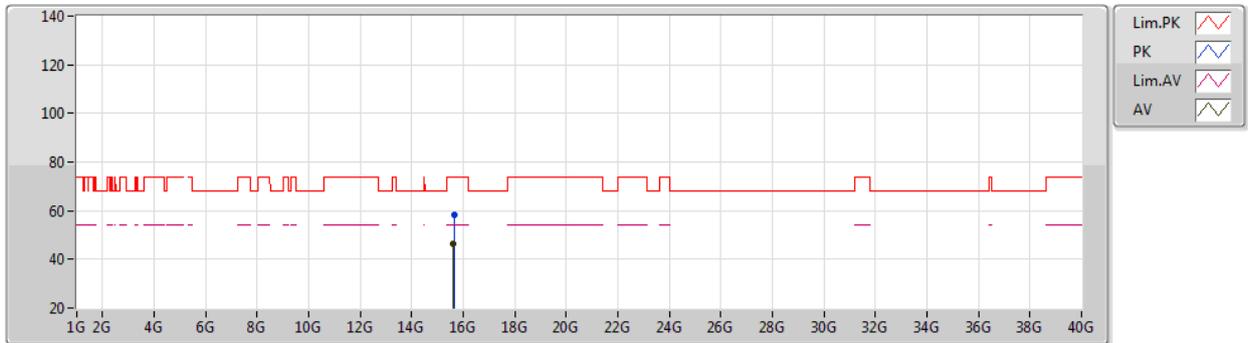
EUT Y_2TX
Setting 87
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.6332G	58.76	74.00	-15.24	43.50	3	Vertical	202	2.44	-	38.83	10.42	33.99
AV	15.62634G	46.18	54.00	-7.82	30.92	3	Vertical	202	2.44	-	38.83	10.41	33.98

802.11ax HEW80_Nss2,(MCS0)_2TX

27/01/2021

5210MHz_TX



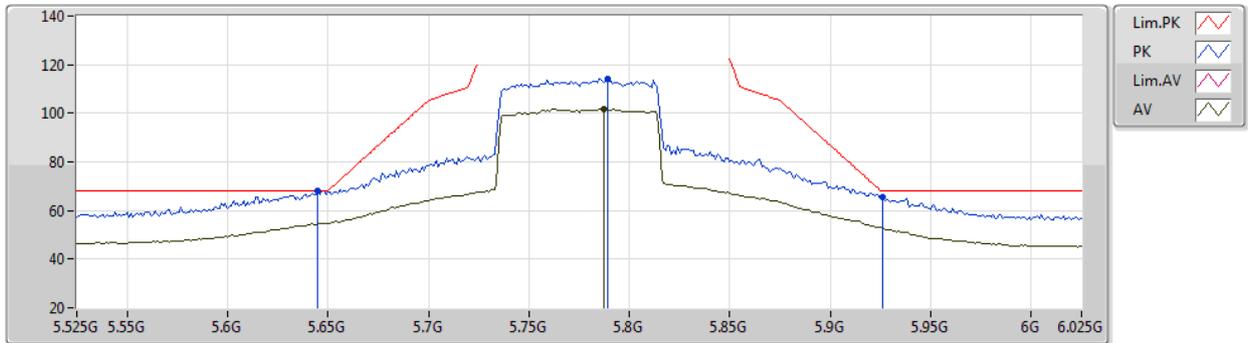
EUT Y_2TX
Setting 87
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.63282G	58.22	74.00	-15.78	42.96	3	Horizontal	168	2.20	-	38.83	10.42	33.99
AV	15.62656G	46.27	54.00	-7.73	31.01	3	Horizontal	168	2.20	-	38.83	10.41	33.98

802.11ax HEW80_Nss2,(MCS0)_2TX

27/01/2021

5775MHz_TX



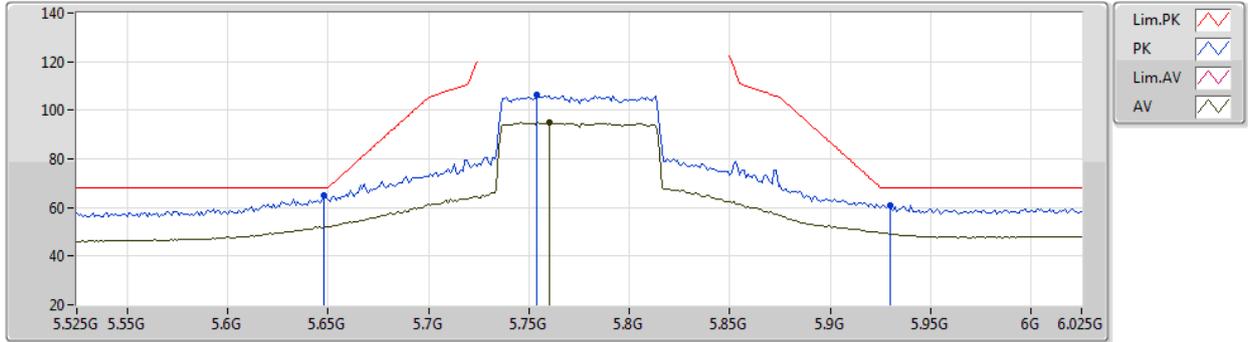
EUT Y_2TX
Setting 100
06-C-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.645G	68.18	68.20	-0.02	63.26	3	Vertical	285	1.85	-	31.50	5.22	31.80
PK	5.789G	114.31	Inf	-Inf	108.77	3	Vertical	285	1.85	-	31.98	5.29	31.73
AV	5.787G	101.69	Inf	-Inf	96.16	3	Vertical	285	1.85	-	31.97	5.29	31.73
PK	5.926G	65.59	68.20	-2.61	59.53	3	Vertical	285	1.85	-	32.30	5.43	31.67

802.11ax HEW80_Nss2,(MCS0)_2TX

27/01/2021

5775MHz_TX



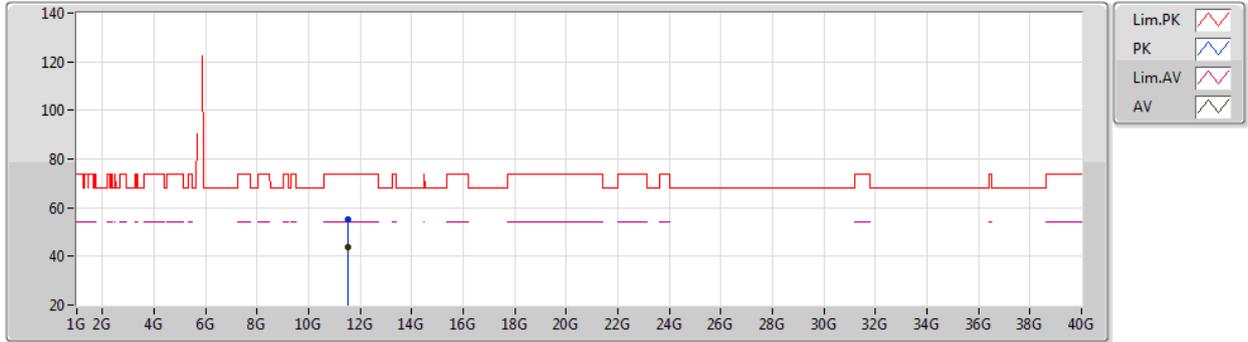
EUT Y_2TX
Setting 100
06-C-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.648G	64.89	68.20	-3.31	59.97	3	Horizontal	341	1.80	-	31.50	5.22	31.80
PK	5.754G	106.13	Inf	-Inf	100.69	3	Horizontal	341	1.80	-	31.91	5.28	31.75
AV	5.76G	94.94	Inf	-Inf	89.49	3	Horizontal	341	1.80	-	31.92	5.28	31.75
PK	5.93G	60.81	68.20	-7.39	54.74	3	Horizontal	341	1.80	-	32.30	5.43	31.66

802.11ax HEW80_Nss2,(MCS0)_2TX

27/01/2021

5775MHz_TX



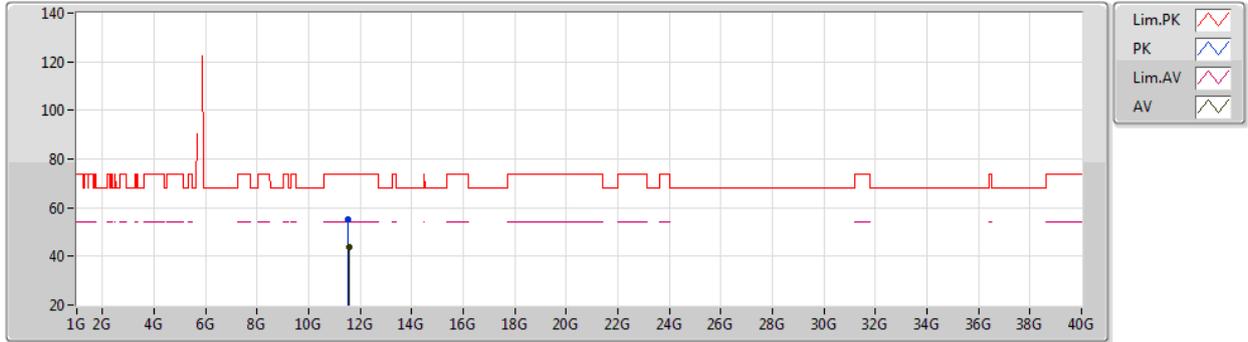
EUT Y_2TX
Setting 100
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.54574G	55.15	74.00	-18.85	41.22	3	Vertical	123	1.87	-	39.82	8.32	34.21
AV	11.54888G	43.86	54.00	-10.14	29.95	3	Vertical	123	1.87	-	39.80	8.32	34.21

802.11ax HEW80_Nss2,(MCS0)_2TX

27/01/2021

5775MHz_TX



EUT Y_2TX
Setting 100
06-C-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5466G	55.40	74.00	-18.60	41.48	3	Horizontal	3	2.29	-	39.81	8.32	34.21
AV	11.55244G	43.93	54.00	-10.07	30.03	3	Horizontal	3	2.29	-	39.79	8.32	34.21



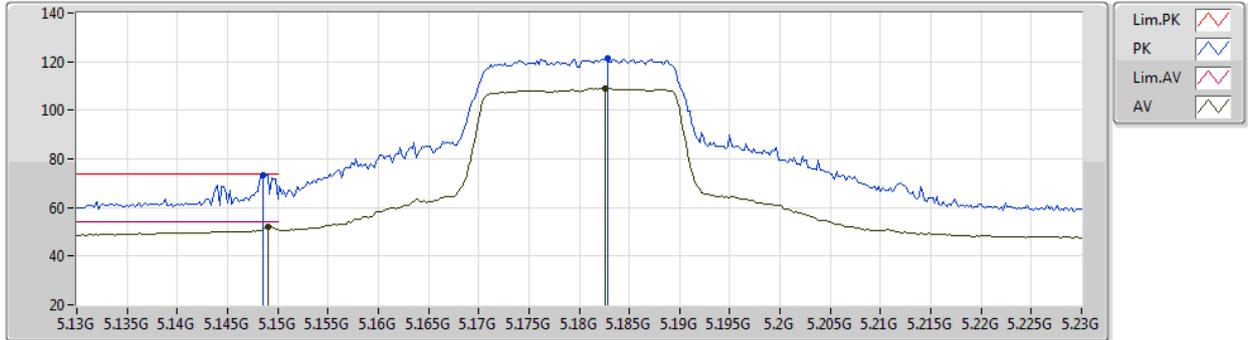
Mode 2, Beamforming mode
Summary

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 HEW40-BF_Nss1,(MCS0)_2TX	Pass	PK	5.647G	67.81	68.20	-0.39	3	Vertical	279	1.77	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

29/01/2021

5180MHz_TX



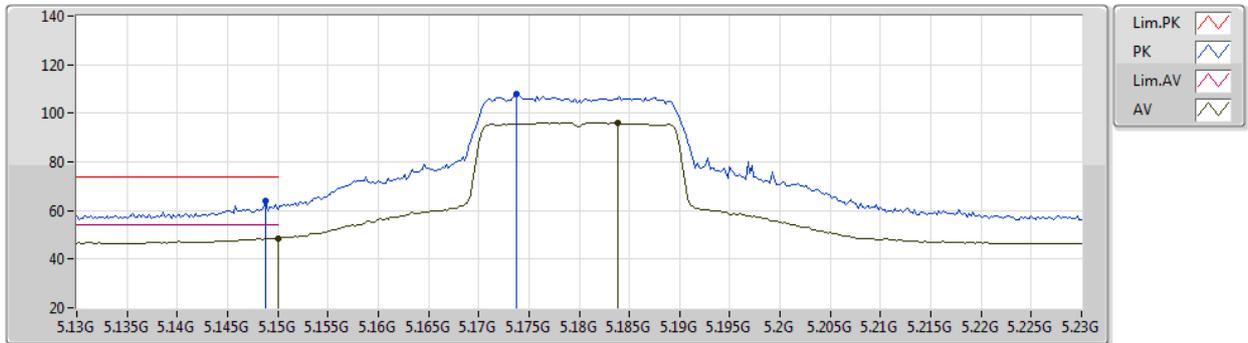
EUT Y_2TX
Setting 88
06-D-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1486G	73.50	74.00	-0.50	68.33	3	Vertical	80	1.87	-	31.80	5.00	31.63
AV	5.149G	52.13	54.00	-1.87	46.96	3	Vertical	80	1.87	-	31.80	5.00	31.63
PK	5.1828G	121.34	Inf	-Inf	116.32	3	Vertical	80	1.87	-	31.67	5.00	31.65
AV	5.1826G	108.88	Inf	-Inf	103.86	3	Vertical	80	1.87	-	31.67	5.00	31.65

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

29/01/2021

5180MHz_TX



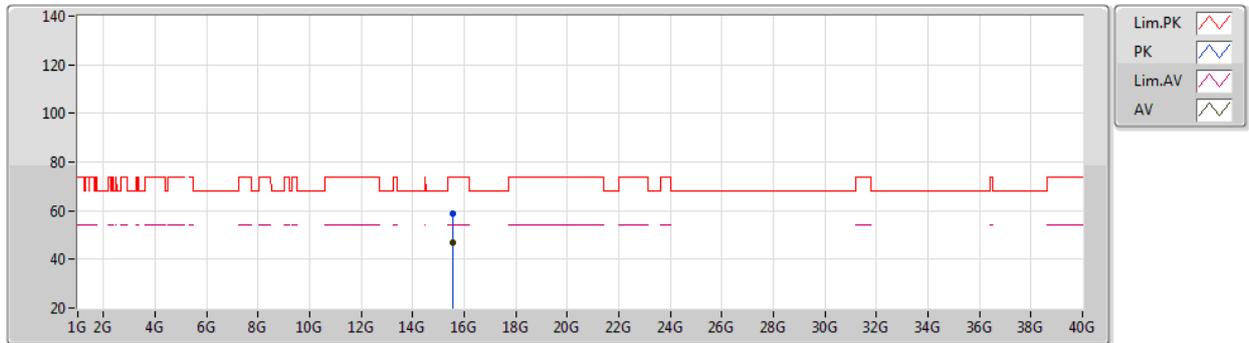
EUT Y_2TX
Setting 88
06-D-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1488G	64.02	74.00	-9.98	58.85	3	Horizontal	342	2.19	-	31.80	5.00	31.63
AV	5.15G	48.65	54.00	-5.35	43.48	3	Horizontal	342	2.19	-	31.80	5.00	31.63
PK	5.1738G	107.70	Inf	-Inf	102.65	3	Horizontal	342	2.19	-	31.70	5.00	31.65
AV	5.1838G	96.13	Inf	-Inf	91.12	3	Horizontal	342	2.19	-	31.66	5.00	31.65

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

29/01/2021

5180MHz_TX



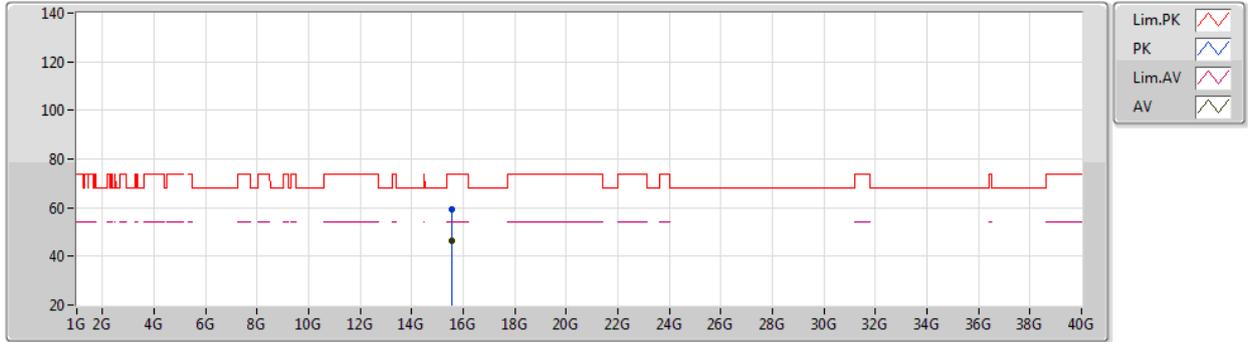
EUT Y_2TX
Setting 88
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.5389G	58.77	74.00	-15.23	43.09	3	Vertical	250	1.28	-	39.23	10.37	33.92
AV	15.54352G	46.81	54.00	-7.19	31.16	3	Vertical	250	1.28	-	39.20	10.37	33.92

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

29/01/2021

5180MHz_TX



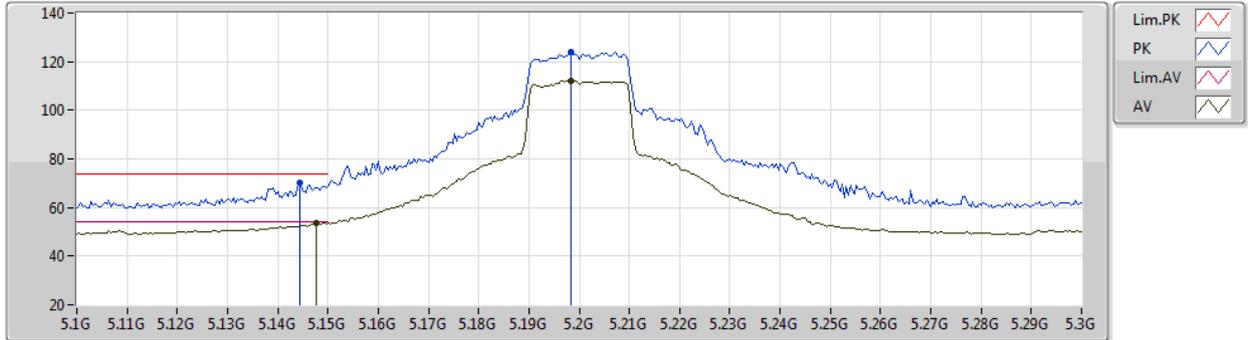
EUT Y_2TX
Setting 88
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.53766G	59.52	74.00	-14.48	43.83	3	Horizontal	279	2.54	-	39.24	10.37	33.92
AV	15.54366G	46.62	54.00	-7.38	30.98	3	Horizontal	279	2.54	-	39.19	10.37	33.92

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

29/01/2021

5200MHz_TX



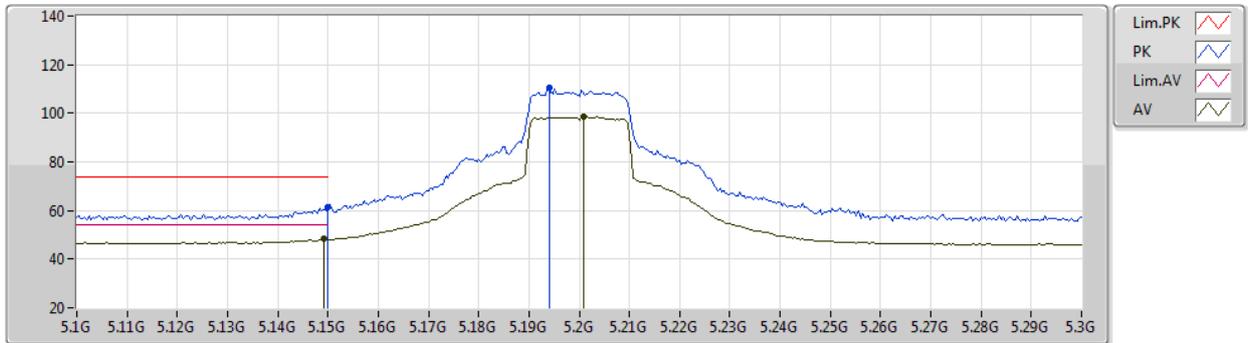
EUT Y_2TX
Setting 102
06-D-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1444G	70.29	74.00	-3.71	65.12	3	Vertical	76	1.80	-	31.80	5.00	31.63
AV	5.1476G	53.51	54.00	-0.49	48.34	3	Vertical	76	1.80	-	31.80	5.00	31.63
PK	5.1984G	123.91	Inf	-Inf	118.96	3	Vertical	76	1.80	-	31.61	5.00	31.66
AV	5.1984G	112.31	Inf	-Inf	107.36	3	Vertical	76	1.80	-	31.61	5.00	31.66

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

06/02/2021

5200MHz_TX



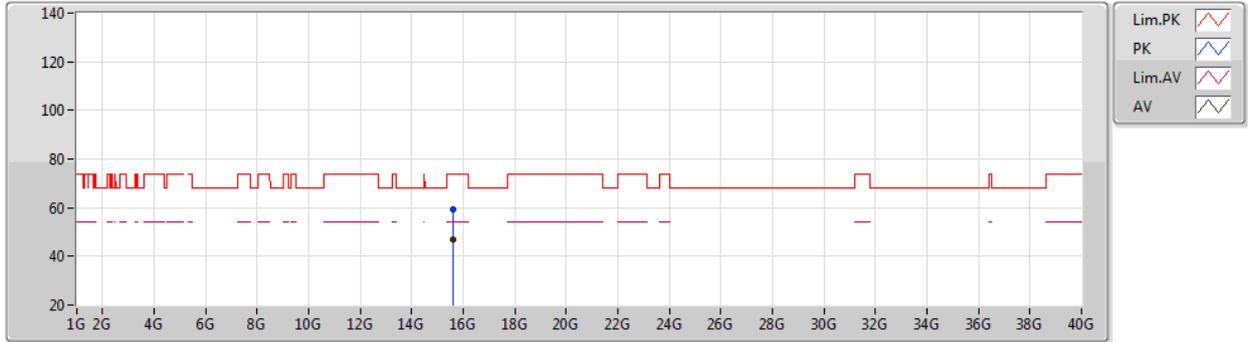
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Setting 102
06-D-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	61.35	74.00	-12.65	56.18	3	Horizontal	341	2.10	-	31.80	5.00	31.63
AV	5.1492G	48.20	54.00	-5.80	43.03	3	Horizontal	341	2.10	-	31.80	5.00	31.63
PK	5.194G	110.26	Inf	-Inf	105.30	3	Horizontal	341	2.10	-	31.62	5.00	31.66
AV	5.2008G	98.50	Inf	-Inf	93.57	3	Horizontal	341	2.10	-	31.60	5.00	31.67

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

06/02/2021

5200MHz_TX



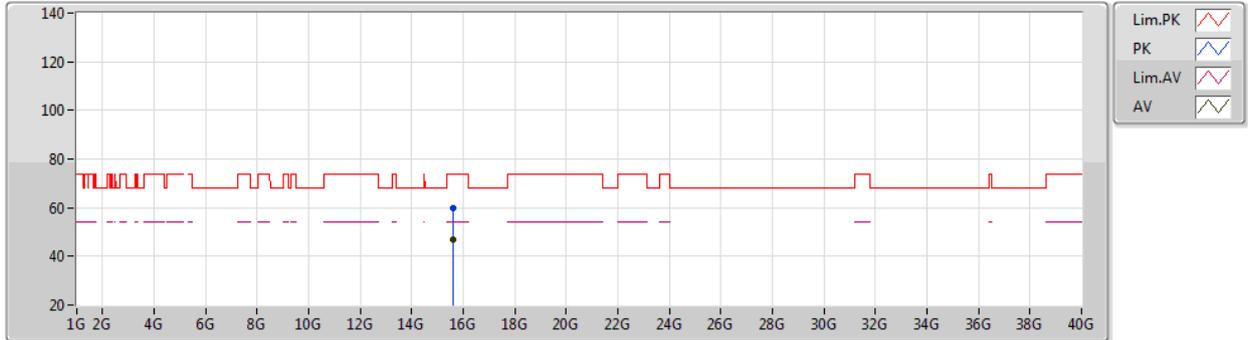
EUT Y_2TX
Setting 102
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.59894G	59.20	74.00	-14.80	43.95	3	Vertical	268	1.77	-	38.81	10.40	33.96
AV	15.59748G	46.96	54.00	-7.04	31.70	3	Vertical	268	1.77	-	38.82	10.40	33.96

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

06/02/2021

5200MHz_TX



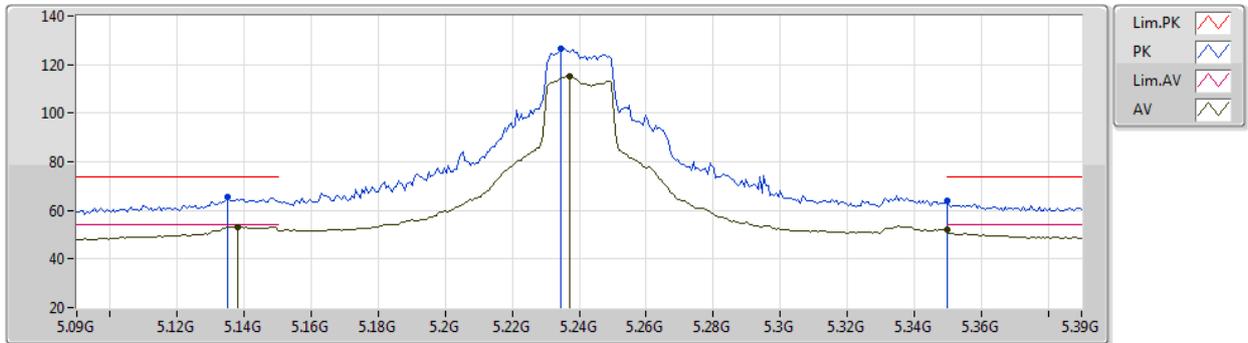
EUT Y_2TX
Setting 102
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.59732G	59.57	74.00	-14.43	44.31	3	Horizontal	250	2.62	-	38.82	10.40	33.96
AV	15.59634G	46.87	54.00	-7.13	31.60	3	Horizontal	250	2.62	-	38.83	10.40	33.96

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

29/01/2021

5240MHz_TX



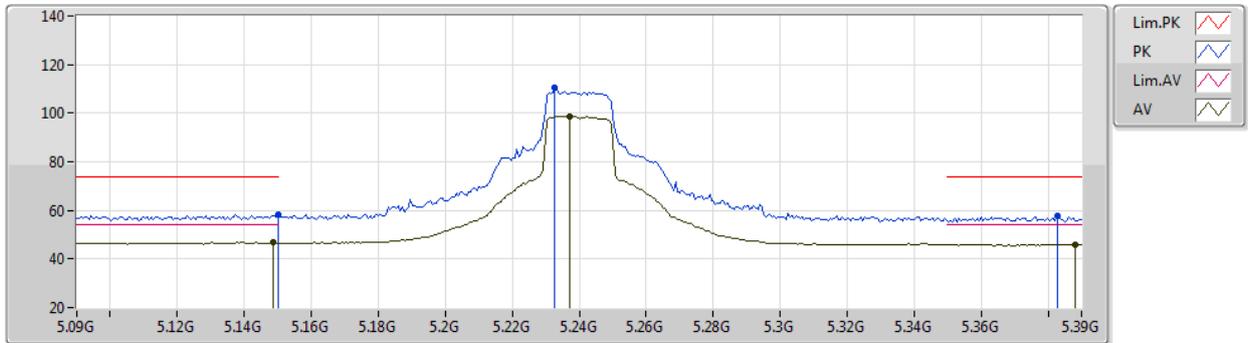
EUT Y_2TX
Setting 108
06-D-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.135G	65.37	74.00	-8.63	60.19	3	Vertical	103	1.66	-	31.80	5.00	31.62
AV	5.138G	53.31	54.00	-0.69	48.13	3	Vertical	103	1.66	-	31.80	5.00	31.62
PK	5.2346G	126.74	Inf	-Inf	122.04	3	Vertical	103	1.66	-	31.39	5.00	31.69
AV	5.237G	115.11	Inf	-Inf	110.42	3	Vertical	103	1.66	-	31.38	5.00	31.69
PK	5.35G	63.98	74.00	-10.02	59.55	3	Vertical	103	1.66	-	31.20	5.00	31.77
AV	5.35G	52.13	54.00	-1.87	47.70	3	Vertical	103	1.66	-	31.20	5.00	31.77

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

06/02/2021

5240MHz_TX



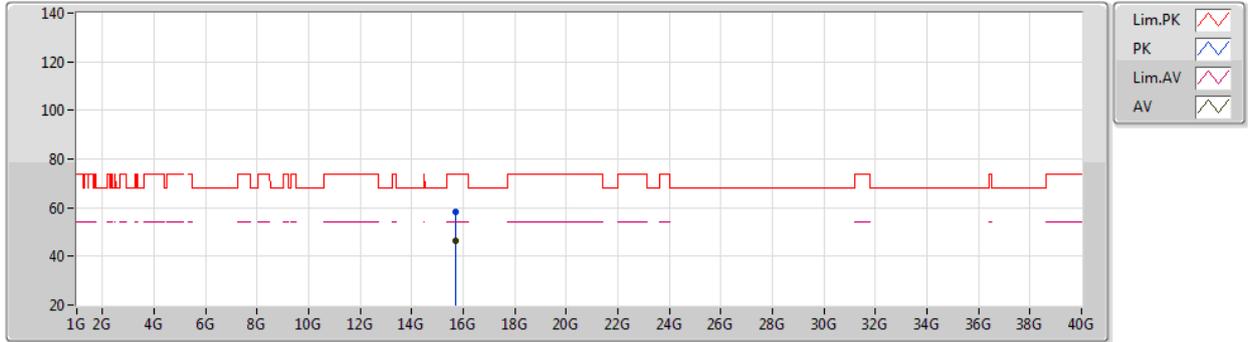
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Setting 108
06-D-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	58.30	74.00	-15.70	53.13	3	Horizontal	63	1.80	-	31.80	5.00	31.63
AV	5.1488G	46.70	54.00	-7.30	41.53	3	Horizontal	63	1.80	-	31.80	5.00	31.63
PK	5.2328G	110.57	Inf	-Inf	105.86	3	Horizontal	63	1.80	-	31.40	5.00	31.69
AV	5.237G	98.79	Inf	-Inf	94.10	3	Horizontal	63	1.80	-	31.38	5.00	31.69
PK	5.3828G	57.54	74.00	-16.46	52.93	3	Horizontal	63	1.80	-	31.40	5.00	31.79
AV	5.3882G	46.04	54.00	-7.96	41.40	3	Horizontal	63	1.80	-	31.43	5.00	31.79

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

06/02/2021

5240MHz_TX



EUT Y_2TX
Setting 108
06-D-G-2

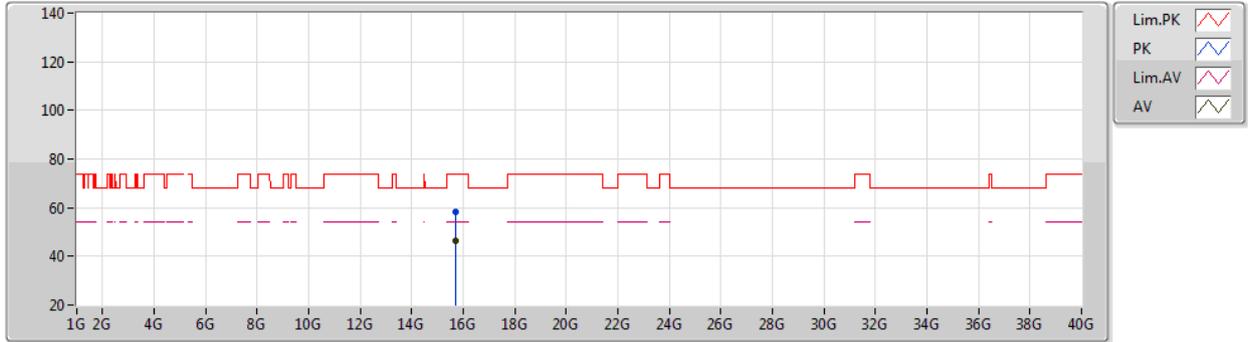
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PK	15.71674G	58.53	74.00	-15.47	43.30	3	Vertical	354	2.00	-	38.82	10.46	34.05
AV	15.71736G	46.45	54.00	-7.55	31.23	3	Vertical	354	2.00	-	38.81	10.46	34.05



802.11ax HEW20-BF_Nss1,(MCS0)_2TX

06/02/2021

5240MHz_TX



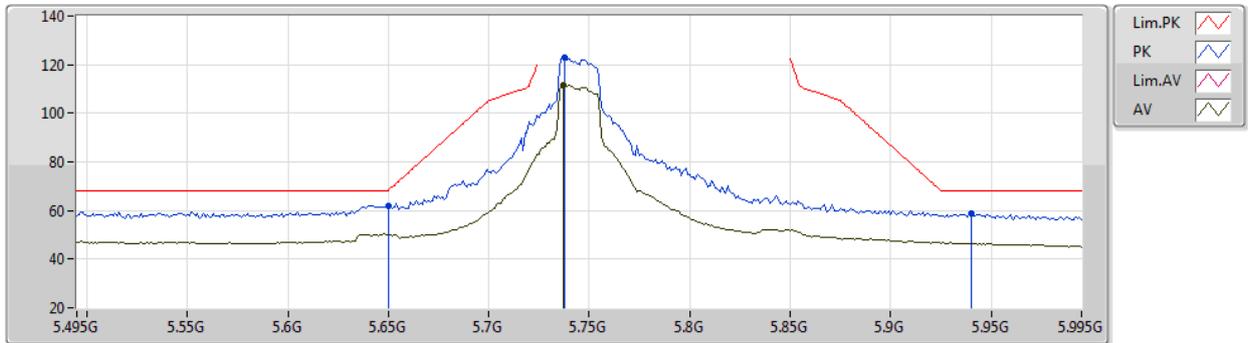
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Setting 108
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.71684G	58.15	74.00	-15.85	42.92	3	Horizontal	180	1.01	-	38.82	10.46	34.05
AV	15.72138G	46.43	54.00	-7.57	31.23	3	Horizontal	180	1.01	-	38.79	10.46	34.05

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

29/01/2021

5745MHz_TX



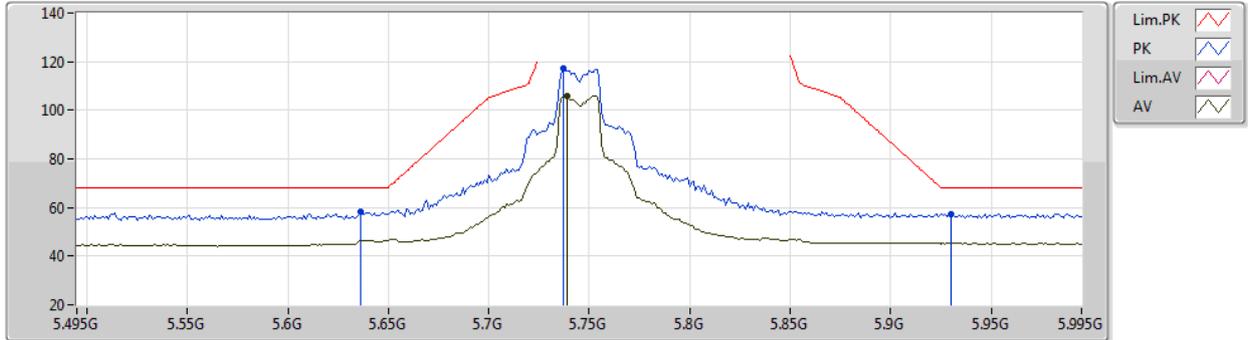
EUT Y_2TX
Setting 112
06-D-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.65G	62.04	68.20	-6.16	57.12	3	Vertical	281	2.38	-	31.50	5.22	31.80
PK	5.738G	122.73	Inf	-Inf	117.37	3	Vertical	281	2.38	-	31.85	5.27	31.76
AV	5.737G	111.70	Inf	-Inf	106.34	3	Vertical	281	2.38	-	31.85	5.27	31.76
PK	5.94G	58.79	68.20	-9.41	52.71	3	Vertical	281	2.38	-	32.30	5.44	31.66

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

29/01/2021

5745MHz_TX



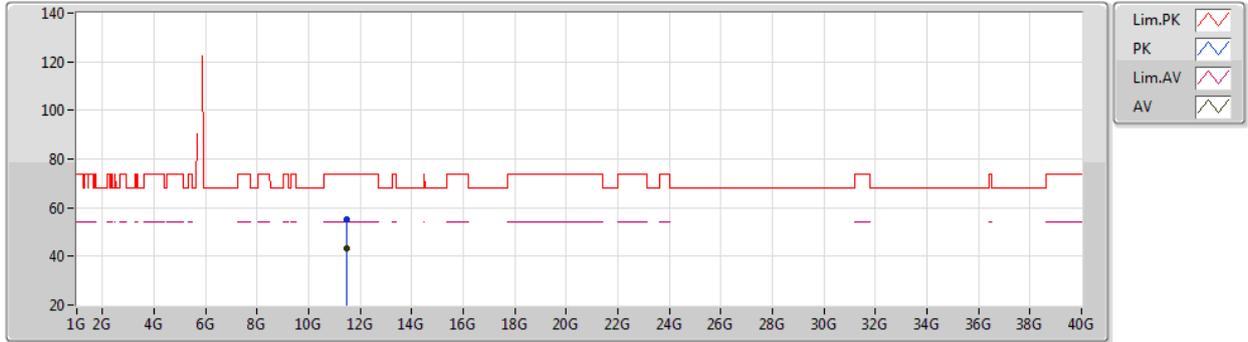
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Setting 112
06-D-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.636G	58.52	68.20	-9.68	53.60	3	Horizontal	342	1.78	-	31.50	5.22	31.80
PK	5.737G	117.25	Inf	-Inf	111.89	3	Horizontal	342	1.78	-	31.85	5.27	31.76
AV	5.739G	106.01	Inf	-Inf	100.64	3	Horizontal	342	1.78	-	31.86	5.27	31.76
PK	5.93G	57.47	68.20	-10.73	51.40	3	Horizontal	342	1.78	-	32.30	5.43	31.66

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

06/02/2021

5745MHz_TX



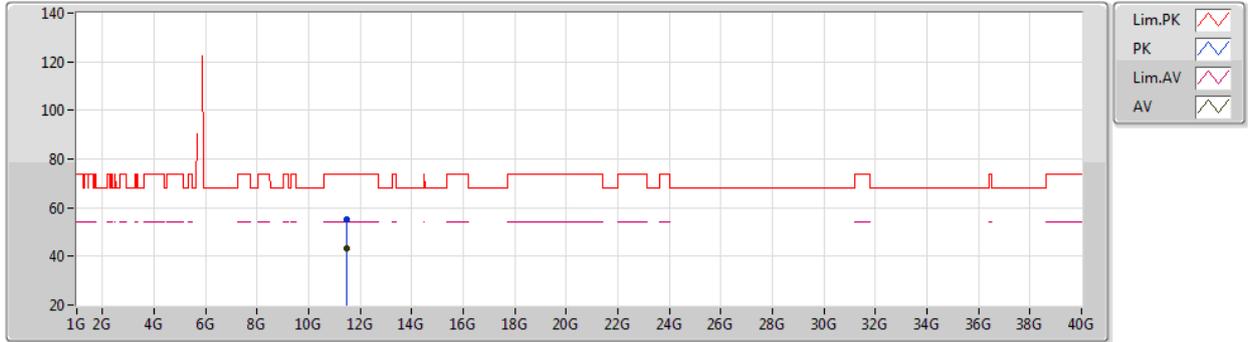
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Setting 112
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.49258G	55.32	74.00	-18.68	41.24	3	Vertical	326	2.31	-	39.99	8.30	34.21
AV	11.4879G	43.49	54.00	-10.51	29.42	3	Vertical	326	2.31	-	39.98	8.30	34.21

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

06/02/2021

5745MHz_TX



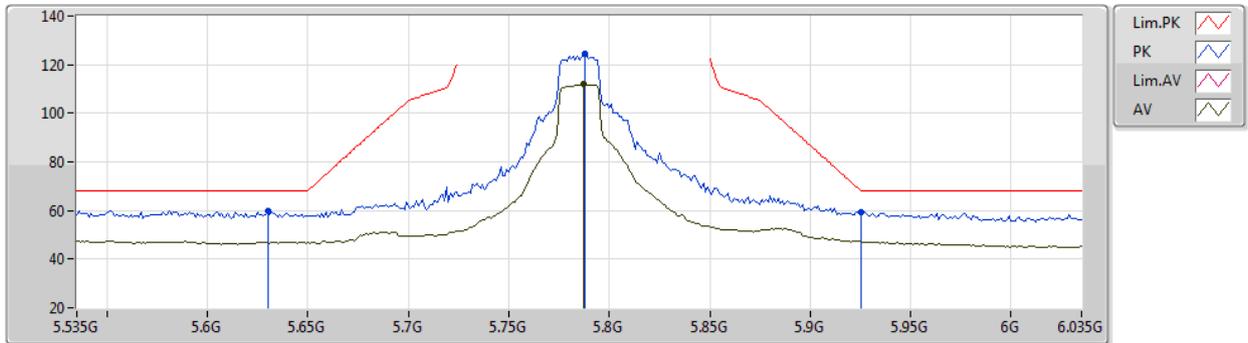
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Setting 112
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.49364G	55.06	74.00	-18.94	40.98	3	Horizontal	62	2.03	-	39.99	8.30	34.21
AV	11.49318G	43.37	54.00	-10.63	29.29	3	Horizontal	62	2.03	-	39.99	8.30	34.21

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

29/01/2021

5785MHz_TX



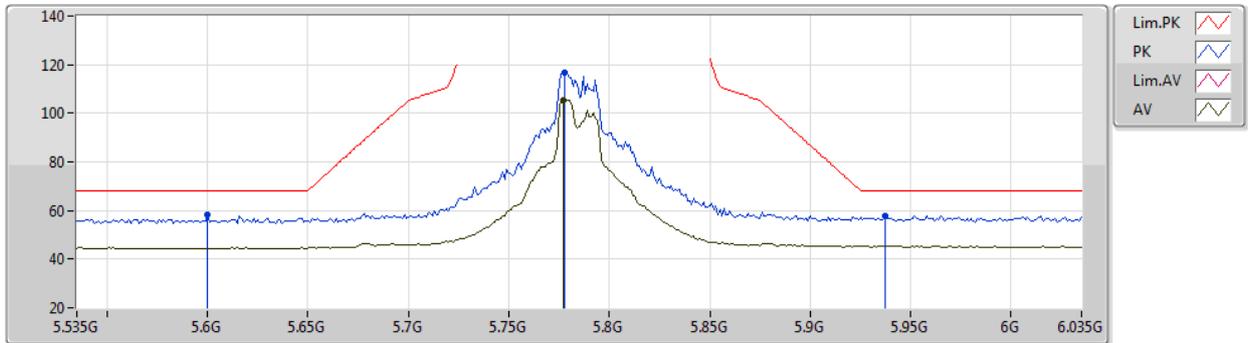
EUT Y_2TX
Setting 112
06-D-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.63G	59.98	68.20	-8.22	55.08	3	Vertical	280	1.84	-	31.50	5.21	31.81
PK	5.788G	124.40	Inf	-Inf	118.86	3	Vertical	280	1.84	-	31.98	5.29	31.73
AV	5.787G	112.02	Inf	-Inf	106.49	3	Vertical	280	1.84	-	31.97	5.29	31.73
PK	5.925G	59.20	68.20	-9.00	53.14	3	Vertical	280	1.84	-	32.30	5.43	31.67

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

29/01/2021

5785MHz_TX



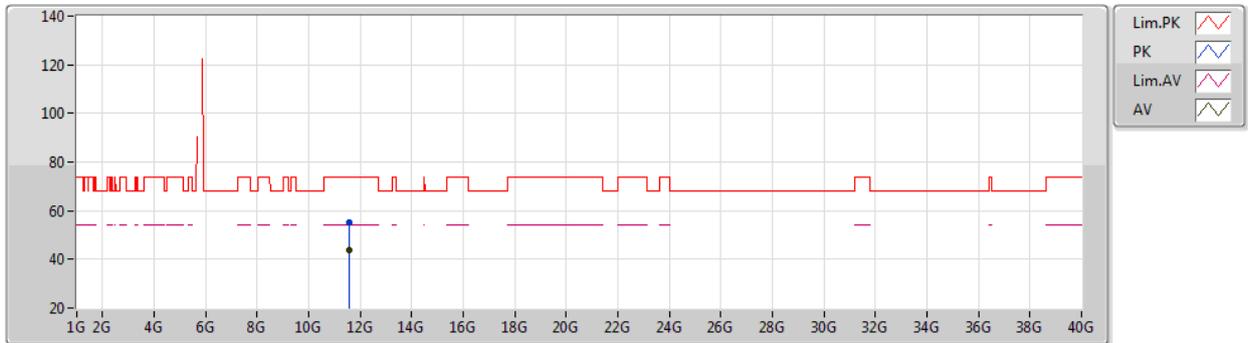
EUT Y_2TX
Setting 112
06-D-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.6G	58.19	68.20	-10.01	53.31	3	Horizontal	341	2.00	-	31.50	5.20	31.82
PK	5.778G	116.82	Inf	-Inf	111.31	3	Horizontal	341	2.00	-	31.96	5.29	31.74
AV	5.777G	105.41	Inf	-Inf	99.91	3	Horizontal	341	2.00	-	31.95	5.29	31.74
PK	5.937G	57.88	68.20	-10.32	51.80	3	Horizontal	341	2.00	-	32.30	5.44	31.66

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

06/02/2021

5785MHz_TX



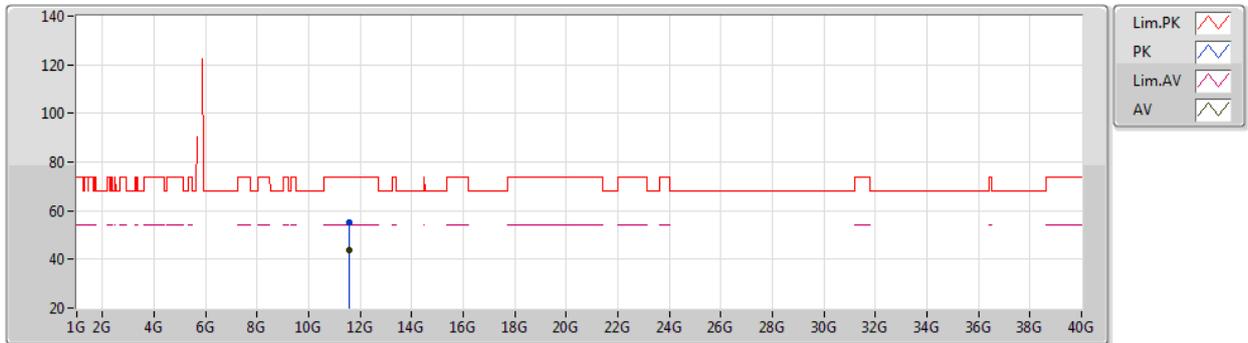
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Setting 112
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.57454G	55.43	74.00	-18.57	41.60	3	Vertical	296	2.65	-	39.70	8.33	34.20
AV	11.57098G	43.60	54.00	-10.40	29.75	3	Vertical	296	2.65	-	39.72	8.33	34.20

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

06/02/2021

5785MHz_TX



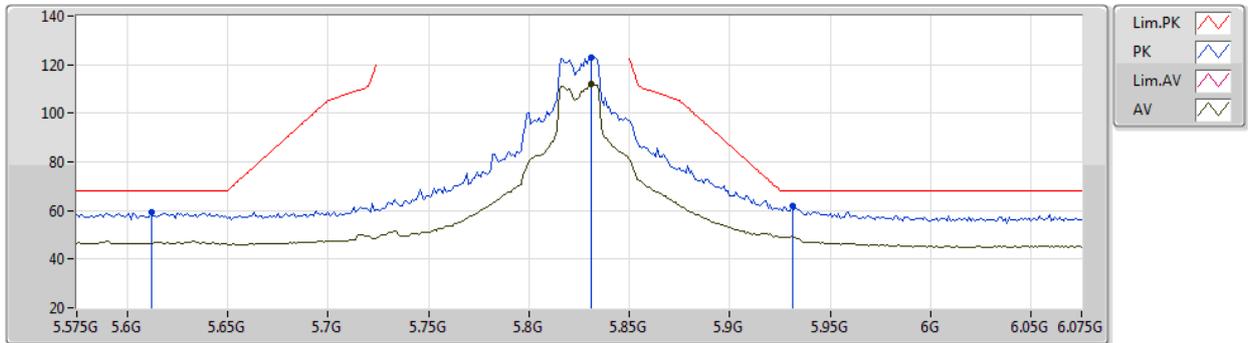
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Setting 112
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.56784G	55.37	74.00	-18.63	41.51	3	Horizontal	194	2.62	-	39.73	8.33	34.20
AV	11.57366G	43.66	54.00	-10.34	29.82	3	Horizontal	194	2.62	-	39.71	8.33	34.20

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

29/01/2021

5825MHz_TX



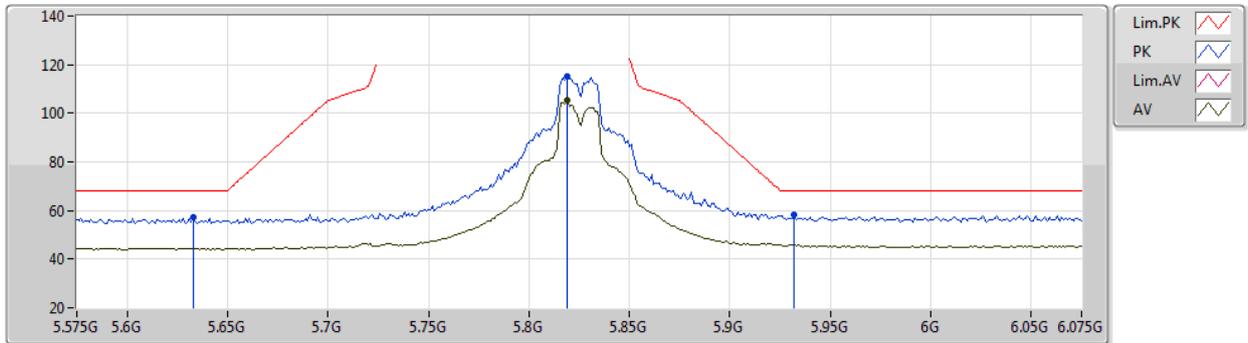
EUT Y_2TX
Setting 112
06-D-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.612G	59.25	68.20	-8.95	54.36	3	Vertical	278	1.85	-	31.50	5.21	31.82
PK	5.831G	123.11	Inf	-Inf	117.37	3	Vertical	278	1.85	-	32.12	5.33	31.71
AV	5.831G	111.94	Inf	-Inf	106.20	3	Vertical	278	1.85	-	32.12	5.33	31.71
PK	5.931G	61.64	68.20	-6.56	55.57	3	Vertical	278	1.85	-	32.30	5.43	31.66

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

29/01/2021

5825MHz_TX



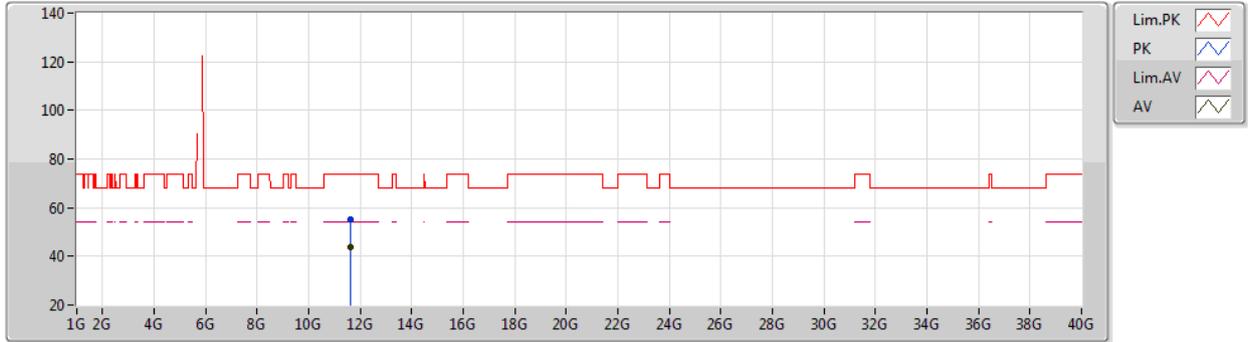
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Setting 112
06-D-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.633G	57.03	68.20	-11.17	52.12	3	Horizontal	340	1.44	-	31.50	5.22	31.81
PK	5.819G	115.11	Inf	-Inf	109.43	3	Horizontal	340	1.44	-	32.08	5.32	31.72
AV	5.819G	105.16	Inf	-Inf	99.48	3	Horizontal	340	1.44	-	32.08	5.32	31.72
PK	5.932G	58.11	68.20	-10.09	52.04	3	Horizontal	340	1.44	-	32.30	5.43	31.66

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

29/01/2021

5825MHz_TX



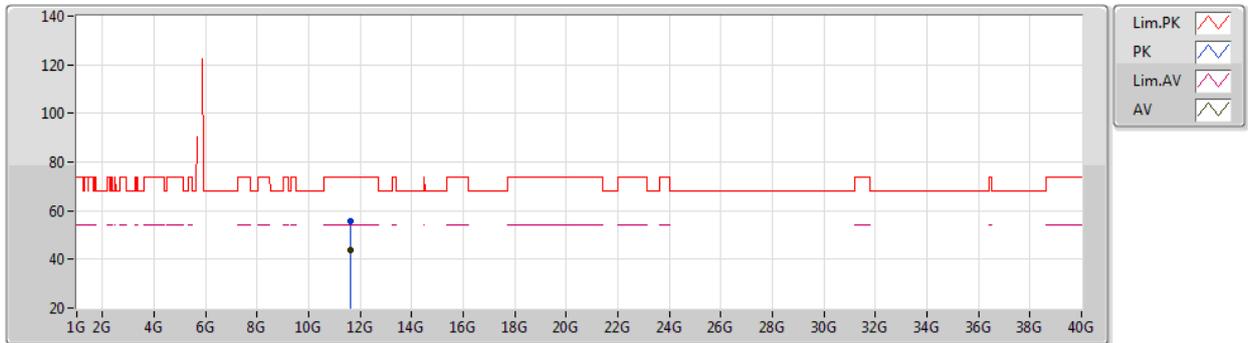
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Setting 112
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.64546G	55.24	74.00	-18.76	41.75	3	Vertical	263	1.72	-	39.33	8.36	34.20
AV	11.64584G	43.65	54.00	-10.35	30.17	3	Vertical	263	1.72	-	39.32	8.36	34.20

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

29/01/2021

5825MHz_TX



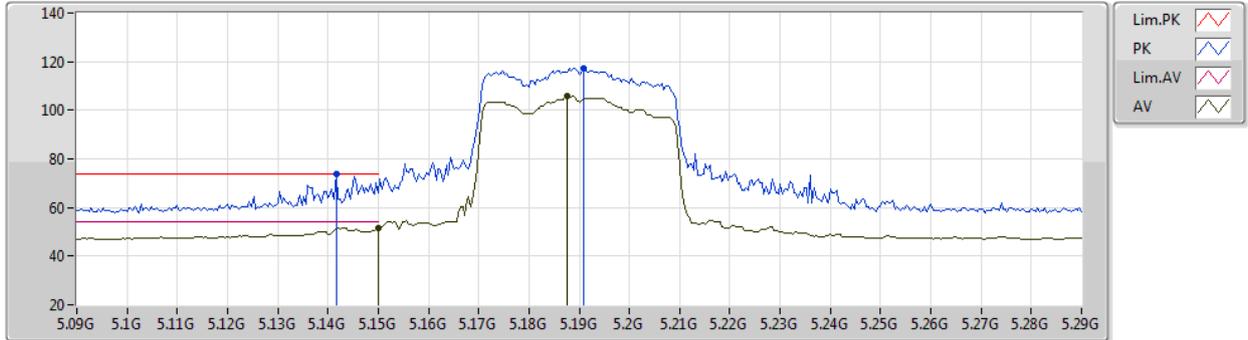
EUT Y_2TX
Setting 112
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.64656G	55.45	74.00	-18.55	41.97	3	Horizontal	63	2.53	-	39.32	8.36	34.20
AV	11.64686G	43.73	54.00	-10.27	30.25	3	Horizontal	63	2.53	-	39.32	8.36	34.20

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

29/01/2021

5190MHz_TX



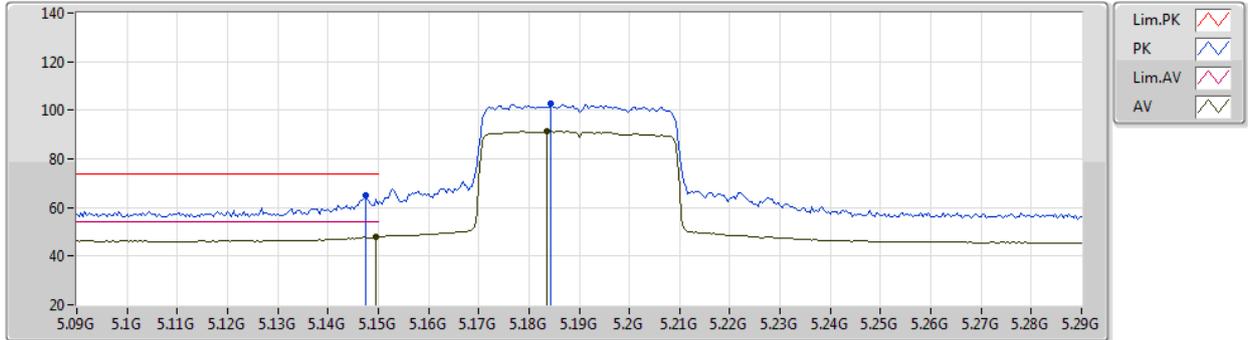
EUT Y_2TX
Setting 82
06-D-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1416G	73.59	74.00	-0.41	68.42	3	Vertical	106	1.74	-	31.80	5.00	31.63
AV	5.15G	51.66	54.00	-2.34	46.49	3	Vertical	106	1.74	-	31.80	5.00	31.63
PK	5.1908G	117.49	Inf	-Inf	112.51	3	Vertical	106	1.74	-	31.64	5.00	31.66
AV	5.1876G	105.86	Inf	-Inf	100.87	3	Vertical	106	1.74	-	31.65	5.00	31.66

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

06/02/2021

5190MHz_TX



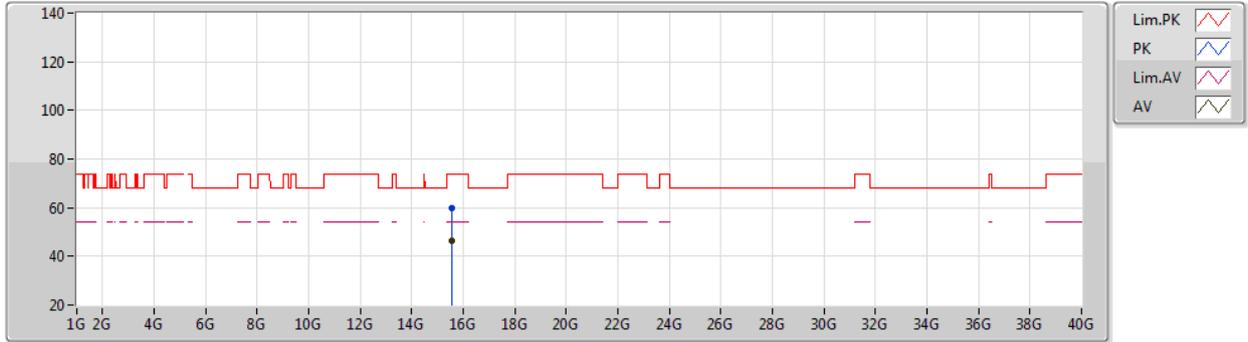
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Setting B2
06-D-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1476G	65.16	74.00	-8.84	59.99	3	Horizontal	342	2.19	-	31.80	5.00	31.63
AV	5.1496G	47.89	54.00	-6.11	42.72	3	Horizontal	342	2.19	-	31.80	5.00	31.63
PK	5.1844G	102.78	Inf	-Inf	97.78	3	Horizontal	342	2.19	-	31.66	5.00	31.66
AV	5.1836G	91.46	Inf	-Inf	86.44	3	Horizontal	342	2.19	-	31.67	5.00	31.65

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

06/02/2021

5190MHz_TX



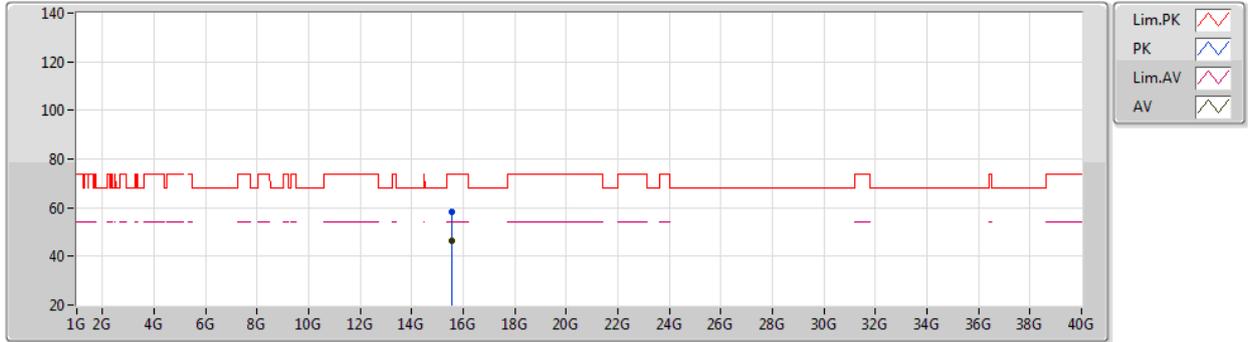
EUT Y_2TX
Setting 82
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.569G	59.63	74.00	-14.37	44.17	3	Vertical	350	1.38	-	39.02	10.38	33.94
AV	15.56574G	46.53	54.00	-7.47	31.05	3	Vertical	350	1.38	-	39.04	10.38	33.94

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

06/02/2021

5190MHz_TX



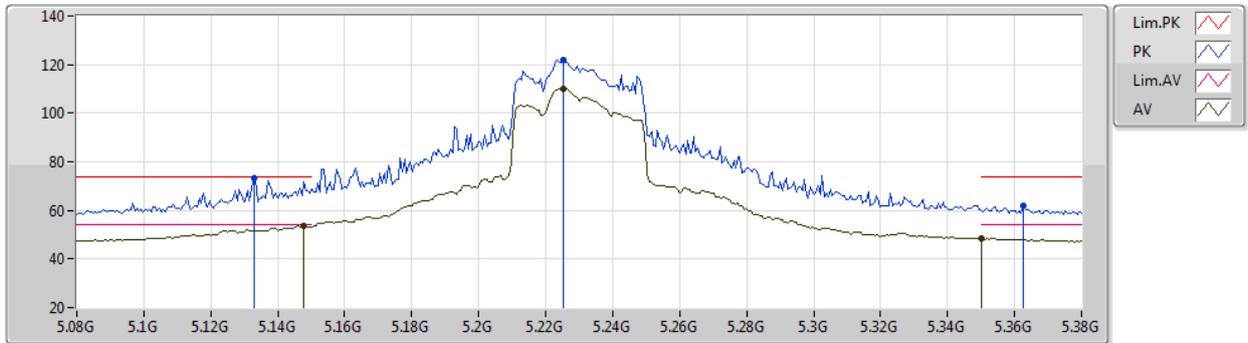
EUT Y_2TX
Setting 82
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.5703G	58.46	74.00	-15.54	43.00	3	Horizontal	29	1.92	-	39.01	10.39	33.94
AV	15.57144G	46.53	54.00	-7.47	31.08	3	Horizontal	29	1.92	-	39.00	10.39	33.94

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

29/01/2021

5230MHz_TX



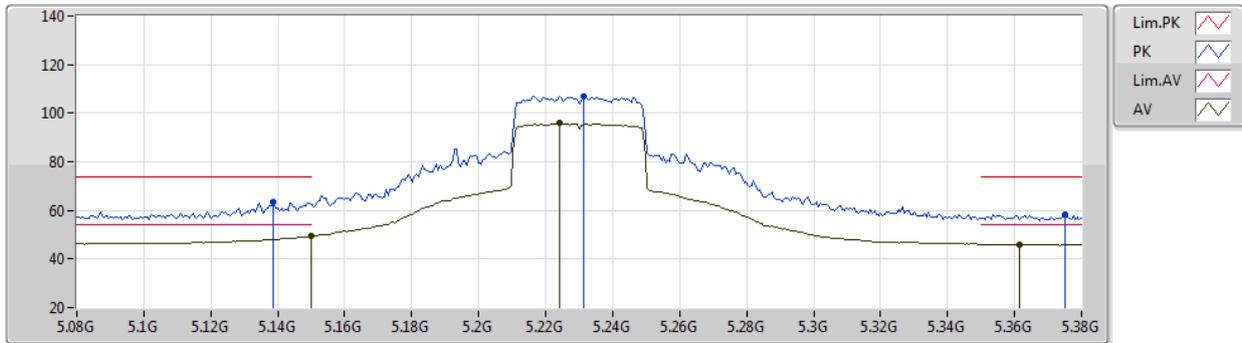
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Setting 102
06-D-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1328G	73.36	74.00	-0.64	68.18	3	Vertical	68	1.80	-	31.80	5.00	31.62
AV	5.1478G	53.60	54.00	-0.40	48.43	3	Vertical	68	1.80	-	31.80	5.00	31.63
PK	5.2252G	122.07	Inf	-Inf	117.30	3	Vertical	68	1.80	-	31.45	5.00	31.68
AV	5.2252G	110.19	Inf	-Inf	105.42	3	Vertical	68	1.80	-	31.45	5.00	31.68
PK	5.3626G	61.72	74.00	-12.28	57.22	3	Vertical	68	1.80	-	31.28	5.00	31.78
AV	5.35G	48.41	54.00	-5.59	43.98	3	Vertical	68	1.80	-	31.20	5.00	31.77

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

06/02/2021

5230MHz_TX



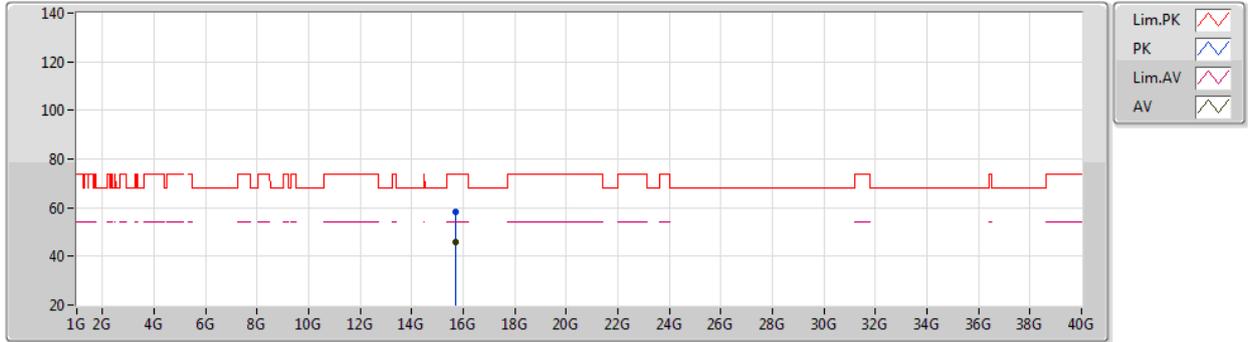
EUT Y_2TX
Setting 102
06-D-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1388G	63.56	74.00	-10.44	58.38	3	Horizontal	340	2.19	-	31.80	5.00	31.62
AV	5.15G	49.48	54.00	-4.52	44.31	3	Horizontal	340	2.19	-	31.80	5.00	31.63
PK	5.2312G	107.06	Inf	-Inf	102.34	3	Horizontal	340	2.19	-	31.41	5.00	31.69
AV	5.224G	95.84	Inf	-Inf	91.06	3	Horizontal	340	2.19	-	31.46	5.00	31.68
PK	5.3752G	58.33	74.00	-15.67	53.77	3	Horizontal	340	2.19	-	31.35	5.00	31.79
AV	5.3614G	46.08	54.00	-7.92	41.59	3	Horizontal	340	2.19	-	31.27	5.00	31.78

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

06/02/2021

5230MHz_TX



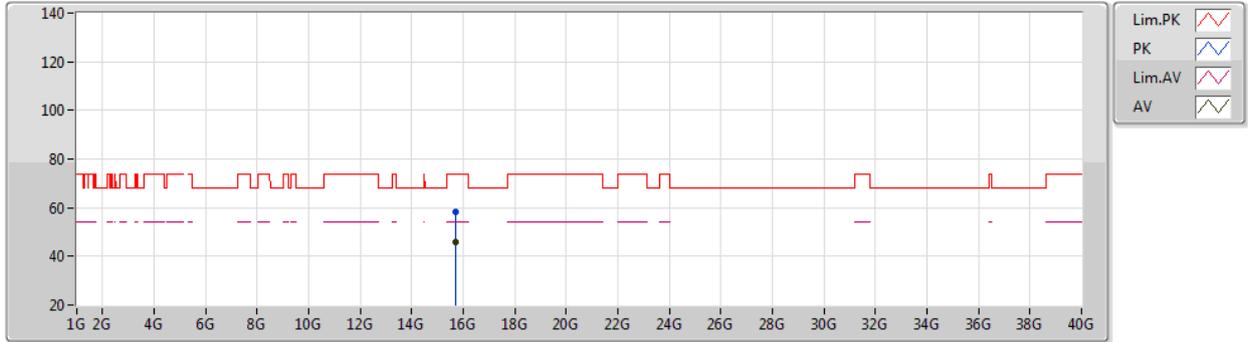
EUT Y_2TX
Setting 102
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.69496G	58.44	74.00	-15.56	43.13	3	Vertical	266	1.43	-	38.89	10.45	34.03
AV	15.69046G	46.03	54.00	-7.97	30.72	3	Vertical	266	1.43	-	38.89	10.45	34.03

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

06/02/2021

5230MHz_TX



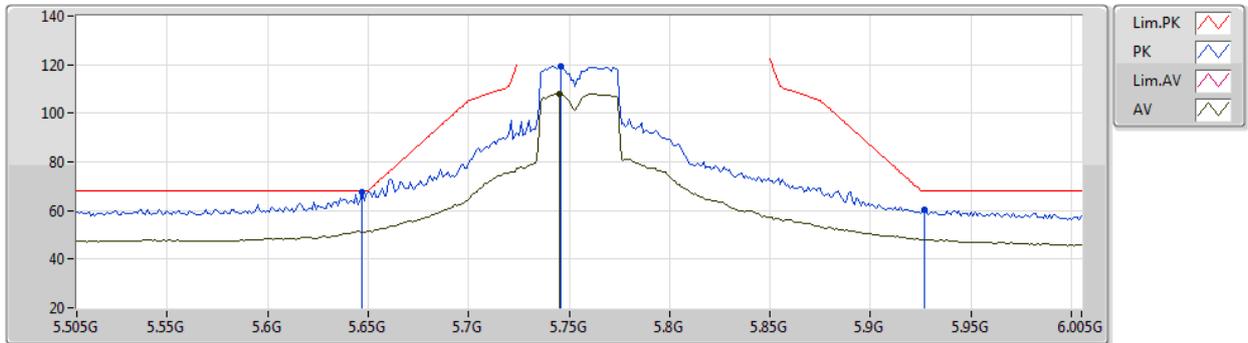
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Setting 102
06-D-G-2

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PK	15.68506G	58.33	74.00	-15.67	43.02	3	Horizontal	184	1.04	-	38.89	10.44	34.02
AV	15.68964G	46.03	54.00	-7.97	30.73	3	Horizontal	184	1.04	-	38.89	10.44	34.03

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

29/01/2021

5755MHz_TX



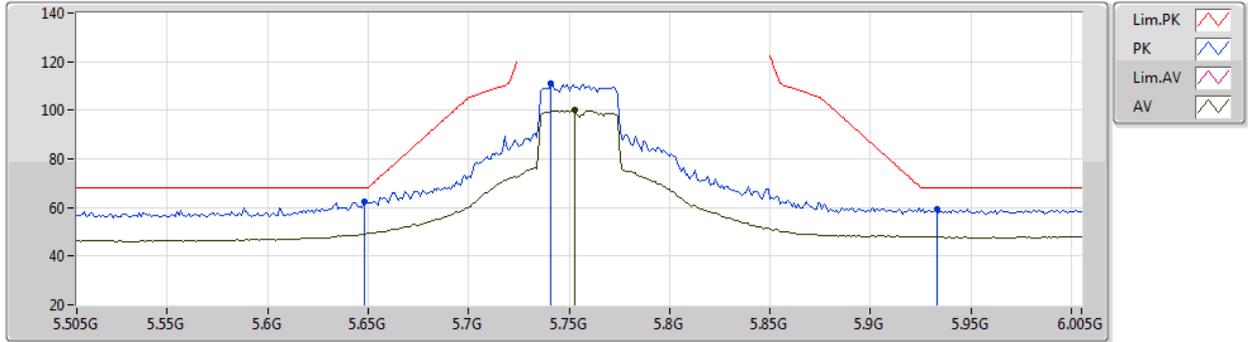
EUT Y_2TX
Setting 106
06-D-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.647G	67.81	68.20	-0.39	62.89	3	Vertical	279	1.77	-	31.50	5.22	31.80
PK	5.746G	119.44	Inf	-Inf	114.04	3	Vertical	279	1.77	-	31.88	5.27	31.75
AV	5.745G	108.17	Inf	-Inf	102.77	3	Vertical	279	1.77	-	31.88	5.27	31.75
PK	5.927G	60.31	68.20	-7.89	54.25	3	Vertical	279	1.77	-	32.30	5.43	31.67

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

06/02/2021

5755MHz_TX



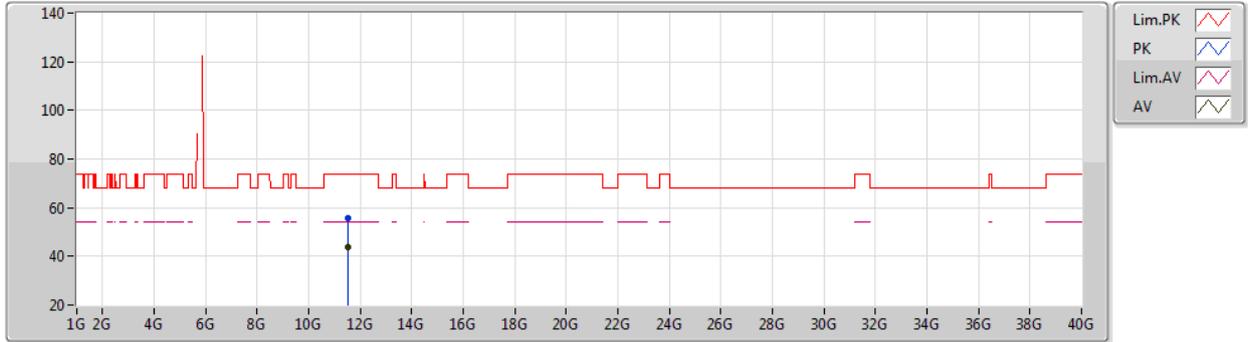
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Setting 106
06-D-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.648G	62.45	68.20	-5.75	57.53	3	Horizontal	340	1.80	-	31.50	5.22	31.80
PK	5.741G	110.84	Inf	-Inf	105.46	3	Horizontal	340	1.80	-	31.86	5.27	31.75
AV	5.753G	100.13	Inf	-Inf	94.69	3	Horizontal	340	1.80	-	31.91	5.28	31.75
PK	5.933G	59.45	68.20	-8.75	53.38	3	Horizontal	340	1.80	-	32.30	5.43	31.66

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

06/02/2021

5755MHz_TX



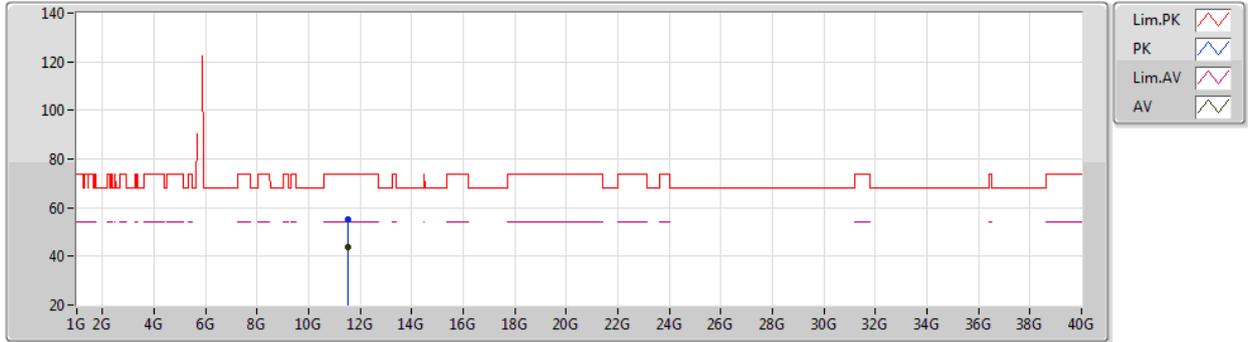
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Setting 106
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.50522G	55.82	74.00	-18.18	41.75	3	Vertical	133	1.44	-	39.98	8.30	34.21
AV	11.50962G	43.59	54.00	-10.41	29.54	3	Vertical	133	1.44	-	39.96	8.30	34.21

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

06/02/2021

5755MHz_TX



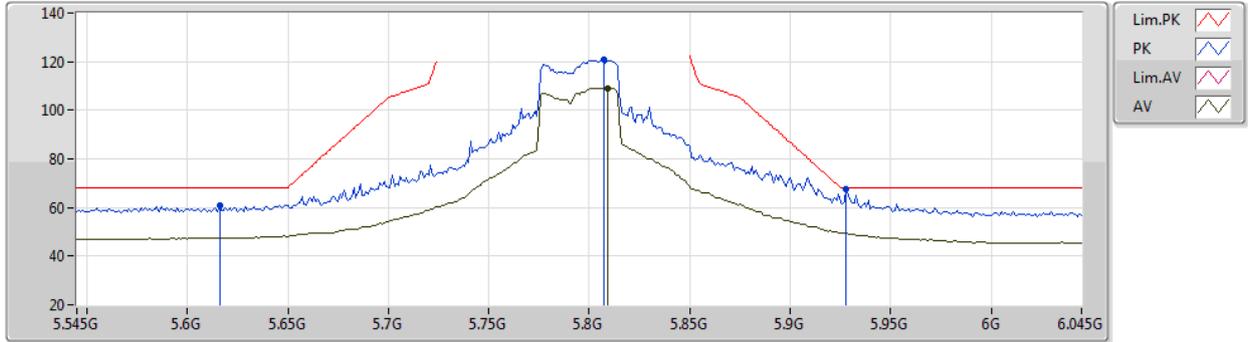
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Setting 106
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.51206G	55.24	74.00	-18.76	41.20	3	Horizontal	184	2.61	-	39.95	8.30	34.21
AV	11.51002G	43.68	54.00	-10.32	29.63	3	Horizontal	184	2.61	-	39.96	8.30	34.21

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

29/01/2021

5795MHz_TX



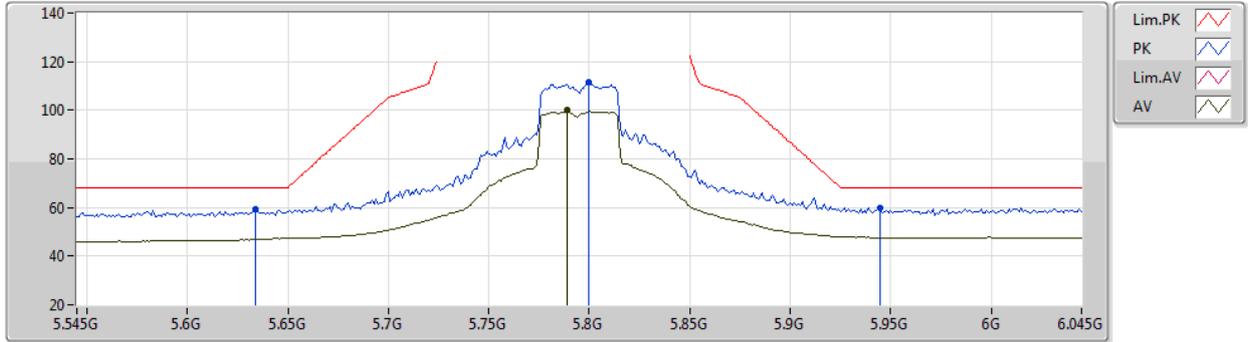
EUT Y_2TX
Setting 110
06-D-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.616G	60.85	68.20	-7.35	55.95	3	Vertical	279	1.99	-	31.50	5.21	31.81
PK	5.807G	120.84	Inf	-Inf	115.22	3	Vertical	279	1.99	-	32.03	5.31	31.72
AV	5.809G	108.98	Inf	-Inf	103.35	3	Vertical	279	1.99	-	32.04	5.31	31.72
PK	5.928G	67.35	68.20	-0.85	61.28	3	Vertical	279	1.99	-	32.30	5.43	31.66

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

06/02/2021

5795MHz_TX



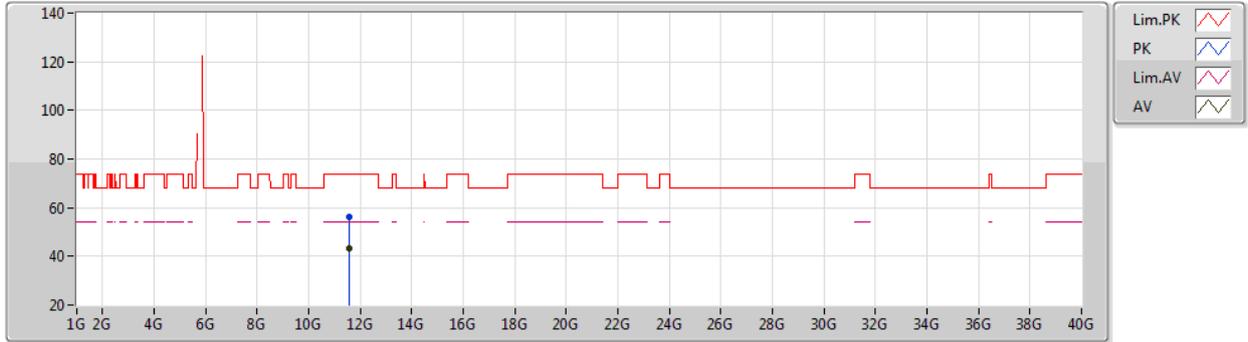
EUT Y_2TX
Setting 110
06-D-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.634G	59.47	68.20	-8.73	54.56	3	Horizontal	340	1.98	-	31.50	5.22	31.81
PK	5.8G	111.46	Inf	-Inf	105.89	3	Horizontal	340	1.98	-	32.00	5.30	31.73
AV	5.789G	99.94	Inf	-Inf	94.40	3	Horizontal	340	1.98	-	31.98	5.29	31.73
PK	5.945G	59.94	68.20	-8.26	53.85	3	Horizontal	340	1.98	-	32.30	5.45	31.66

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

06/02/2021

5795MHz_TX



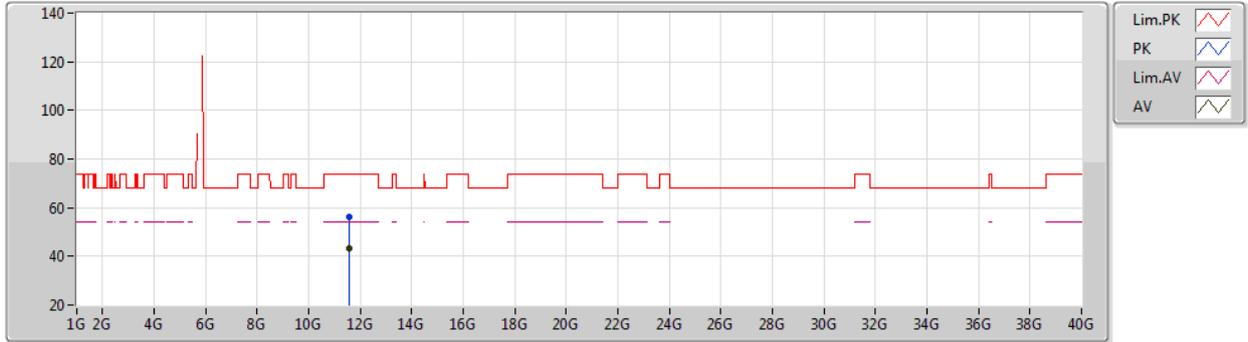
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Setting 110
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.58616G	56.09	74.00	-17.91	42.30	3	Vertical	137	1.52	-	39.66	8.33	34.20
AV	11.58866G	43.26	54.00	-10.74	29.47	3	Vertical	137	1.52	-	39.65	8.34	34.20

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

06/02/2021

5795MHz_TX



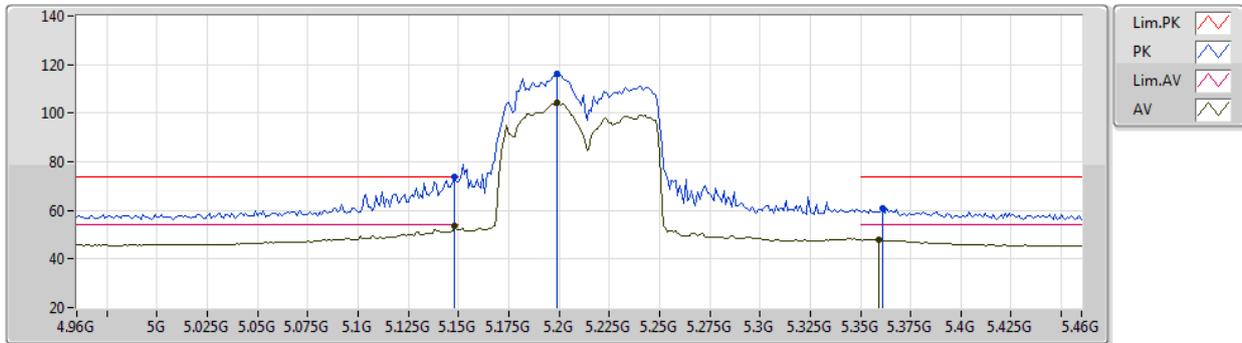
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Setting 110
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5917G	56.19	74.00	-17.81	42.42	3	Horizontal	332	1.33	-	39.63	8.34	34.20
AV	11.59098G	43.24	54.00	-10.76	29.46	3	Horizontal	332	1.33	-	39.64	8.34	34.20

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

29/01/2021

5210MHz_TX



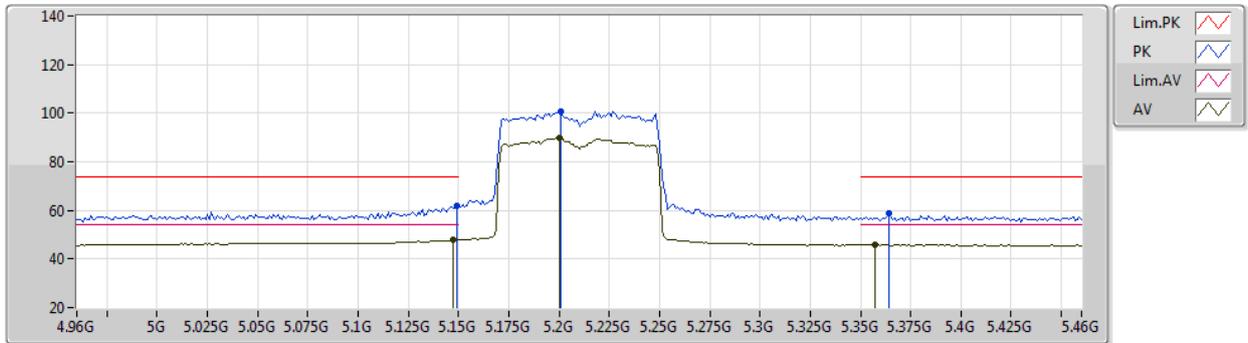
EUT Y_2TX
Setting 84
06-D-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.148G	73.55	74.00	-0.45	68.38	3	Vertical	76	1.80	-	31.80	5.00	31.63
AV	5.148G	53.42	54.00	-0.58	48.25	3	Vertical	76	1.80	-	31.80	5.00	31.63
PK	5.199G	116.03	Inf	-Inf	111.10	3	Vertical	76	1.80	-	31.60	5.00	31.67
AV	5.199G	104.31	Inf	-Inf	99.38	3	Vertical	76	1.80	-	31.60	5.00	31.67
PK	5.361G	60.95	74.00	-13.05	56.46	3	Vertical	76	1.80	-	31.27	5.00	31.78
AV	5.359G	47.95	54.00	-6.05	43.47	3	Vertical	76	1.80	-	31.25	5.00	31.77

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

06/02/2021

5210MHz_TX



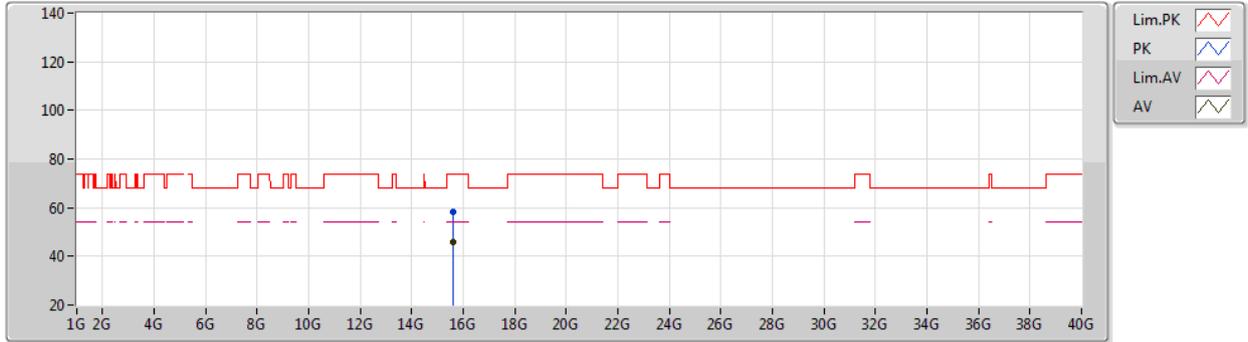
EUT Y_2TX
Setting 84
06-D-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.149G	61.86	74.00	-12.14	56.69	3	Horizontal	340	1.98	-	31.80	5.00	31.63
AV	5.147G	48.03	54.00	-5.97	42.86	3	Horizontal	340	1.98	-	31.80	5.00	31.63
PK	5.201G	100.54	Inf	-Inf	95.62	3	Horizontal	340	1.98	-	31.59	5.00	31.67
AV	5.2G	89.59	Inf	-Inf	84.66	3	Horizontal	340	1.98	-	31.60	5.00	31.67
PK	5.364G	58.58	74.00	-15.42	54.08	3	Horizontal	340	1.98	-	31.28	5.00	31.78
AV	5.357G	45.87	54.00	-8.13	41.40	3	Horizontal	340	1.98	-	31.24	5.00	31.77

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

06/02/2021

5210MHz_TX



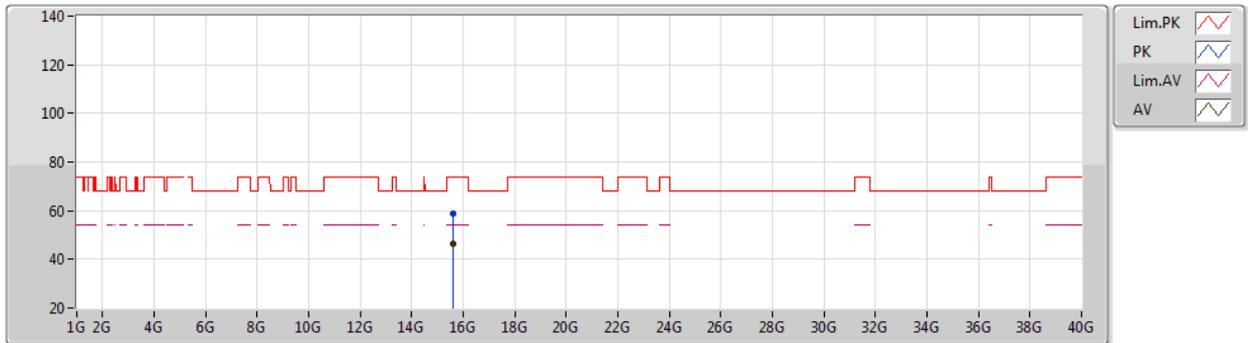
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Setting 84
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.62802G	58.34	74.00	-15.66	43.08	3	Vertical	220	1.33	-	38.83	10.41	33.98
AV	15.62776G	46.07	54.00	-7.93	30.81	3	Vertical	220	1.33	-	38.83	10.41	33.98

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

06/02/2021

5210MHz_TX



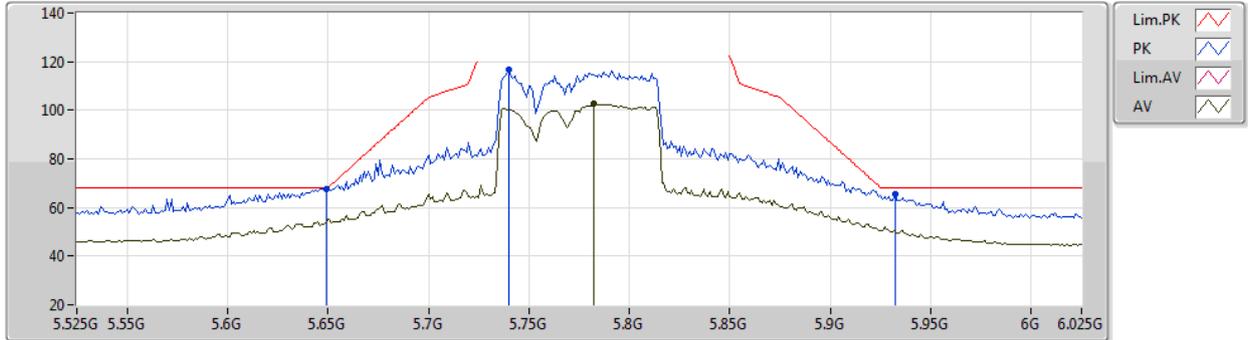
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Setting 84
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.62806G	58.79	74.00	-15.21	43.53	3	Horizontal	169	2.25	-	38.83	10.41	33.98
AV	15.62682G	46.18	54.00	-7.82	30.92	3	Horizontal	169	2.25	-	38.83	10.41	33.98

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

29/01/2021

5775MHz_TX



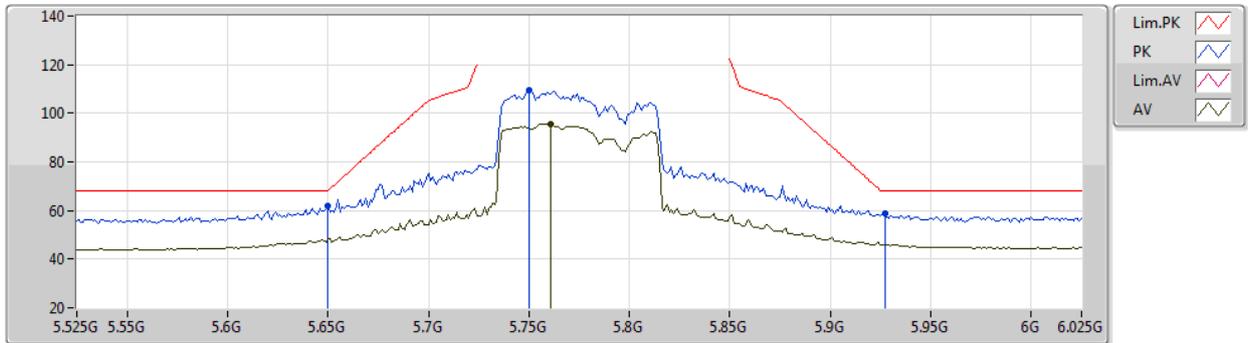
EUT Y_2TX
Setting 100
06-D-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.649G	67.76	68.20	-0.44	62.84	3	Vertical	280	1.76	-	31.50	5.22	31.80
PK	5.74G	116.85	Inf	-Inf	111.47	3	Vertical	280	1.76	-	31.86	5.27	31.75
AV	5.782G	102.58	Inf	-Inf	97.06	3	Vertical	280	1.76	-	31.96	5.29	31.73
PK	5.932G	65.55	68.20	-2.65	59.48	3	Vertical	280	1.76	-	32.30	5.43	31.66

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

29/01/2021

5775MHz_TX



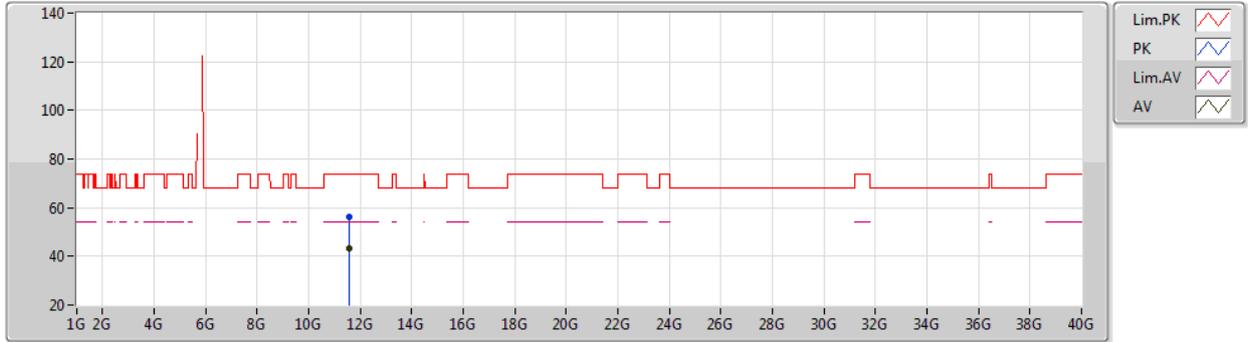
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Setting 100
06-D-5-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.65G	62.14	68.20	-6.06	57.22	3	Horizontal	351	1.86	-	31.50	5.22	31.80
PK	5.75G	109.51	Inf	-Inf	104.08	3	Horizontal	351	1.86	-	31.90	5.28	31.75
AV	5.761G	95.67	Inf	-Inf	90.21	3	Horizontal	351	1.86	-	31.92	5.28	31.74
PK	5.927G	58.77	68.20	-9.43	52.71	3	Horizontal	351	1.86	-	32.30	5.43	31.67

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

06/02/2021

5775MHz_TX



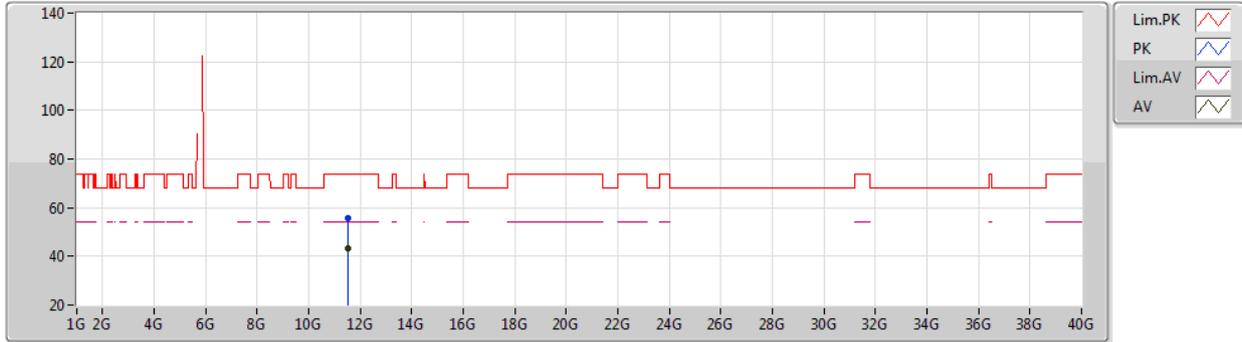
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Setting 100
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.55478G	55.95	74.00	-18.05	42.06	3	Vertical	45	1.94	-	39.78	8.32	34.21
AV	11.54976G	43.08	54.00	-10.92	29.17	3	Vertical	45	1.94	-	39.80	8.32	34.21

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

06/02/2021

5775MHz_TX



EUT Y_2TX
Setting 100
06-D-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.54872G	55.44	74.00	-18.56	41.52	3	Horizontal	68	1.34	-	39.81	8.32	34.21
AV	11.548G	43.16	54.00	-10.84	29.24	3	Horizontal	68	1.34	-	39.81	8.32	34.21



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.62497G	36.16	54.00	-17.84	Vertical

