Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	VW3FAST5290
Equipment	:	Wireless Home Router
Brand Name	:	SAGEMCOM
Model Name	:	FAST 5290
Applicant	:	SAGEMCOM BROADBAND SAS 250 Route de l'Empereur - 92848 RUEIL MALMAISON CEDEX- FRANCE
Manufacturer	:	SAGEMCOM BROADBAND SAS 250 Route de l'Empereur - 92848 RUEIL MALMAISON CEDEX- FRANCE
Standard	:	47 CFR FCC Part 15.407

The product was received on May 08, 2021 , and testing was started from May 08, 2021 and completed on Jul. 02, 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.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR163028AB	01	Initial issue of report	Jul. 30, 2021

Summary of Test Result

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

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Wendy Pan

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4TX
5.15-5.25GHz	802.11n (HT20)	20	4TX
5.15-5.25GHz	802.11n (HT20)-BF	20	4TX
5.15-5.25GHz	802.11ac (VHT20)	20	4TX
5.15-5.25GHz	802.11ac (VHT20)-BF	20	4TX
5.15-5.25GHz	802.11ax (HEW20)	20	4TX
5.15-5.25GHz	802.11ax (HEW20)-BF	20	4TX
5.15-5.25GHz	802.11n (HT40)	40	4TX
5.15-5.25GHz	802.11n (HT40)-BF	40	4TX
5.15-5.25GHz	802.11ac (VHT40)	40	4TX
5.15-5.25GHz	802.11ac (VHT40)-BF	40	4TX
5.15-5.25GHz	802.11ax (HEW40)	40	4TX
5.15-5.25GHz	802.11ax (HEW40)-BF	40	4TX
5.15-5.25GHz	802.11ac (VHT80)	80	4TX
5.15-5.25GHz	802.11ac (VHT80)-BF	80	4TX
5.15-5.25GHz	802.11ax (HEW80)	80	4TX
5.15-5.25GHz	802.11ax (HEW80)-BF	80	4TX
5.725-5.85GHz	802.11a	20	4TX
5.725-5.85GHz	802.11n (HT20)	20	4TX

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

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

1.1.2 Antenna Information

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz					
1	1	2	-	Galtronics	02102140-07252C1 DB1	PCB	I-PEX	Note 1
2	2	3	-	Galtronics	02102140-07252C2 DB2	PCB	I-PEX	
3	3	4	-	Galtronics	02102140-07252c3 DB3	PCB	I-PEX	
4	-	1	-	Galtronics	02102142-07252CX 5G	PCB	I-PEX	
5	-	-	1	Galtronics	02102475-07252-1 6G1	PCB	I-PEX	
6	-	-	2	Galtronics	02102475-07252-2 6G2	PCB	I-PEX	
7	-	-	3	Galtronics	02102475-07252-3 6G3	PCB	I-PEX	
8	-	-	4	Galtronics	02102475-07252-4 6G4	PCB	I-PEX	

Antenna Gain (dBi)								
WLAN 2.4GHz	WLAN 5GHz UNII 1	WLAN 5GHz UNII 2A	WLAN 5GHz UNII 2C	WLAN 5GHz UNII 3	WLAN 6GHz UNII 5	WLAN 6GHz UNII 6	WLAN 6GHz UNII 7	WLAN 6GHz UNII 8
4.12	3.13	3.67	3.57	3.29	3.07	2.98	3.17	5.85
3.66	4.52	5.1	5.33	5.58	4.39	4.2	4.57	5.95
2.01	1.8	2.64	1.87	2.2	3.74	3.39	3.25	4.8
-	3.19	1.58	2.36	3.7	4.68	5.79	6.18	4.91

Directional Gain (dBi)								
WLAN 2.4GHz [3T1S]	WLAN 5GHz UNII 1 [4T1S]	WLAN 5GHz UNII 2A [4T1S]	WLAN 5GHz UNII 2C [4T1S]	WLAN 5GHz UNII 3 [4T1S]	WLAN 6GHz UNII 5 [4T1S]	WLAN 6GHz UNII 6 [4T1S]	WLAN 6GHz UNII 7 [4T1S]	WLAN 6GHz UNII 8 [4T1S]
4.65	4.68	5.22	5.53	5.91	5.11	6.19	6.29	6.22

Note2: The above information was declared by manufacturer.

The EUT enables 2.4GHz, 5GHz UNII 1, UNII 3 function only.

For 2.4GHz function:

For IEEE 802.11b/g/n/VHT/ax (3TX/3RX):

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

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

For 5GHz function:

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

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

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

For 6GHz function:

For IEEE 802.11ax (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.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.947	0.24	2.065m	1k
802.11ax HEW20	0.979	0.09	1.489m	1k
802.11ax HEW40	0.964	0.16	781.25u	3k
802.11ax HEW80	0.93	0.32	413.75u	3k

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	Mtool (ver.3.2.1.3)			

Note: The above information was declared by manufacturer.

1.2 Applicable Standards

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

- 47 CFR FCC Part 15.407
- 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 662911 D03 v01
- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Caster Chang	22.9-23.4 / 73-78	Jun. 04, 2021 ~ Jun. 07, 2021
Radiated Below 1GHz	03CH03-CB	Ken Yeh	24.9-25.7 / 54-55	May 08, 2021 ~ Jun. 25, 2021
Radiated Above 1GHz	03CH03-CB	Ken Yeh	24.2-24.9 / 63-67	
	03CH01-CB	Ken Yeh	24.8-25.4 / 64-66	
Radiated Co-location	03CH06-CB	Ken Yeh	25-26.1 / 59-64	Jul. 02, 2021
AC Conduction	CO01-CB	Deven Huang	24~25 / 56~58	Jul. 01, 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)	4.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	98
5200MHz	100
5240MHz	96
5745MHz	97
5785MHz	99
5825MHz	96
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	86
5200MHz	99
5240MHz	95
5745MHz	97
5785MHz	97
5825MHz	97
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	86
5200MHz	99
5240MHz	95
5745MHz	97
5785MHz	97
5825MHz	97
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	80
5230MHz	97
5755MHz	102
5795MHz	103
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	80
5230MHz	97
5755MHz	102
5795MHz	103
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	82
5775MHz	87
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	82
5775MHz	87

Note:
- Evaluated HEW20/HEW40/HEW80 mode only, due to similar modulation. The power setting of HT20/ HT40/VHT20/VHT40/VHT80 mode are the same or lower than HEW20/HEW40/HEW80.
- The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	CTX - WLAN 2.4GHz
2	CTX - WLAN 5GHz
For operating mode 1 is the worst case and it was record in this test report.	

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

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA163028 for Co-location RF Exposure Evaluation.	

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

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

Accessories				
Equipment Name	**Brand Name**	**Model Name**	**Rating**	**Length of cable**
Adapter	Sagemcom	NBS60E120500M2	INPUT: 100-127V, 50/60Hz, 1.5A OUTPUT: 12.0V, 5.0A	Non-shielded, 1m
Others				
Power cable*1, non-shielded, 1m				

2.5 Support Equipment

For AC Conduction:

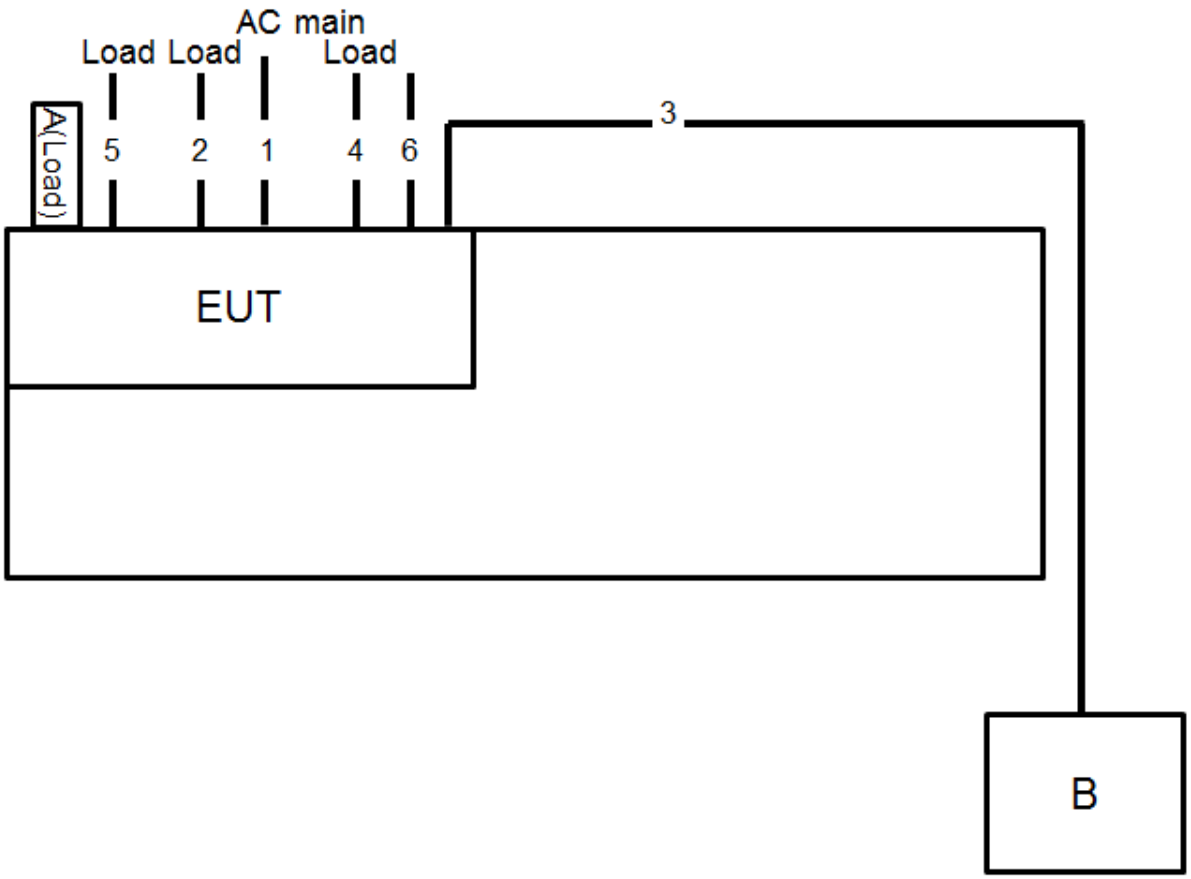
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Flash disk3.0	Transcend	JetFlash-700	N/A
B	LAN NB	DELL	E6430	N/A

For RF Conducted and For Radiated test:

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

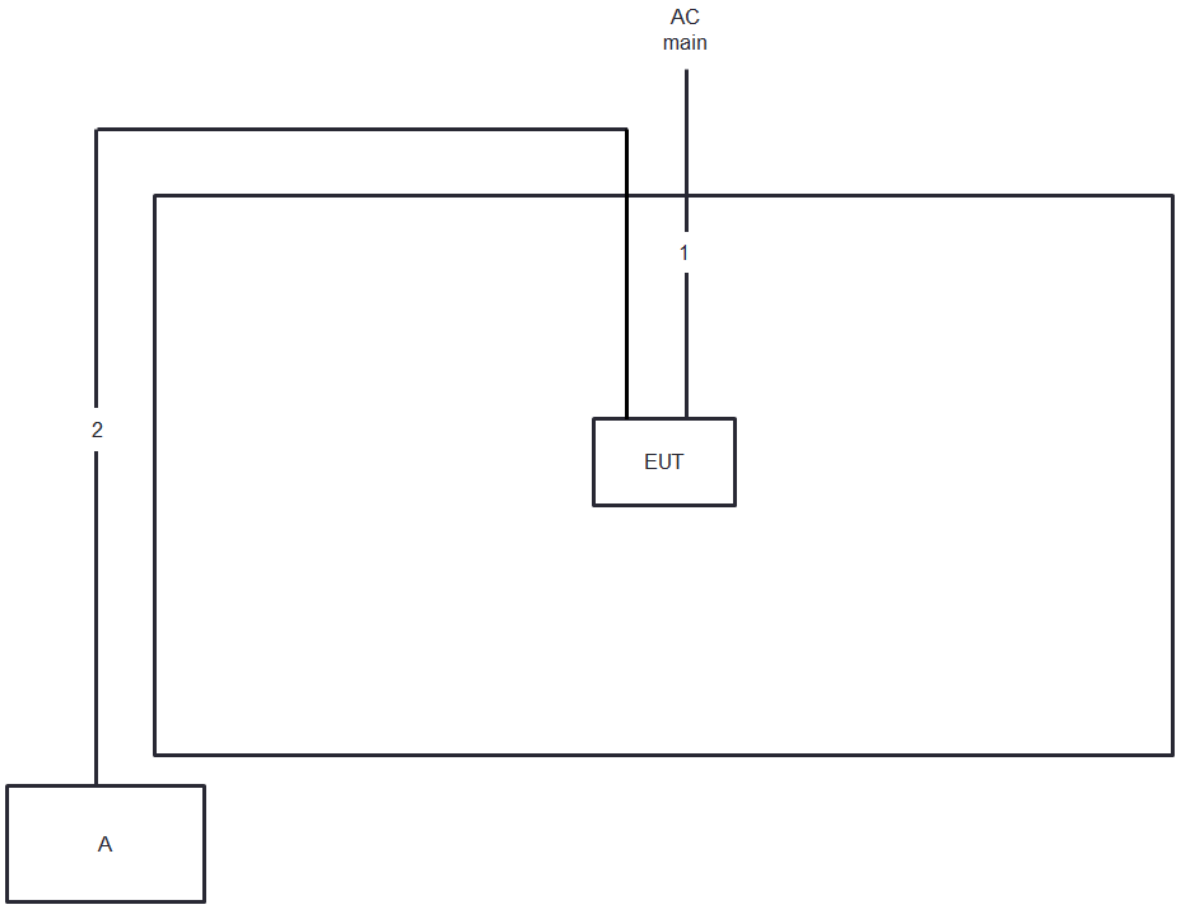
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	2m
2	RJ-45 cable*2	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-11 cable	No	1.5m
5	Coaxial cable	Yes	1.5m
6	Audio cable	No	1.5m

Test Setup Diagram - Radiated Test



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

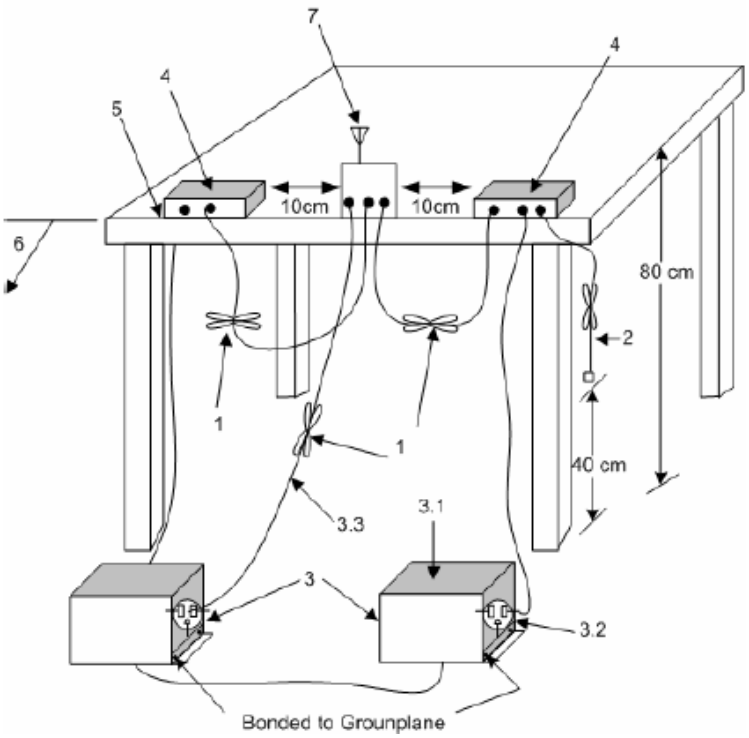
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

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

3.2.2 Measuring Instruments

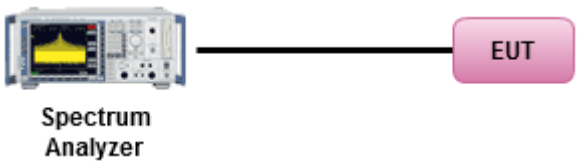
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

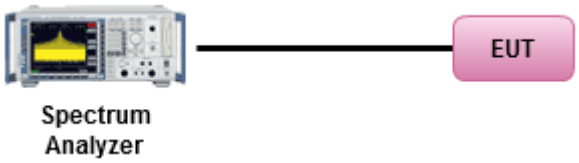
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	

3.5.2 Measuring Instruments

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

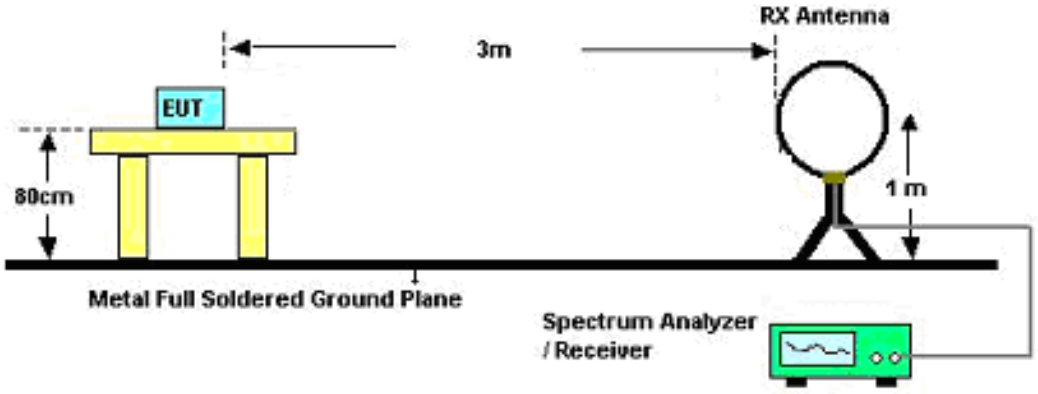
3.5.3 Test Procedures

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

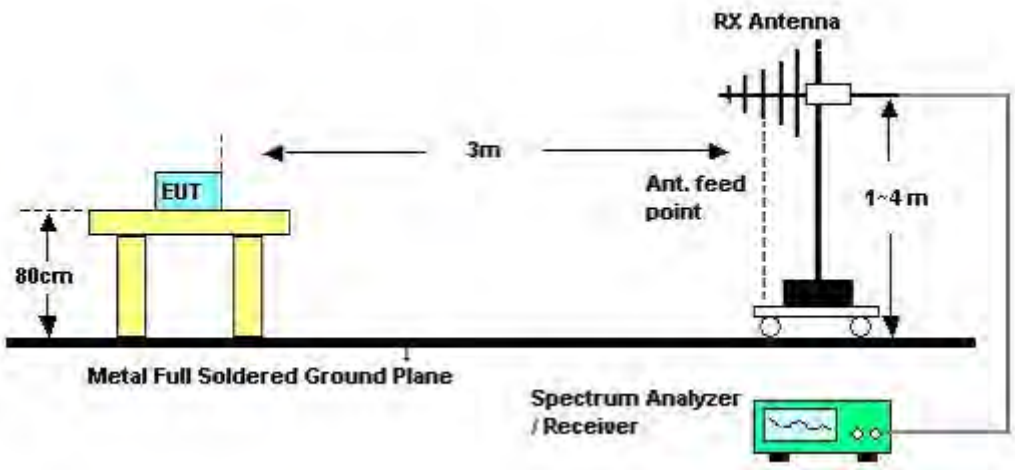
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

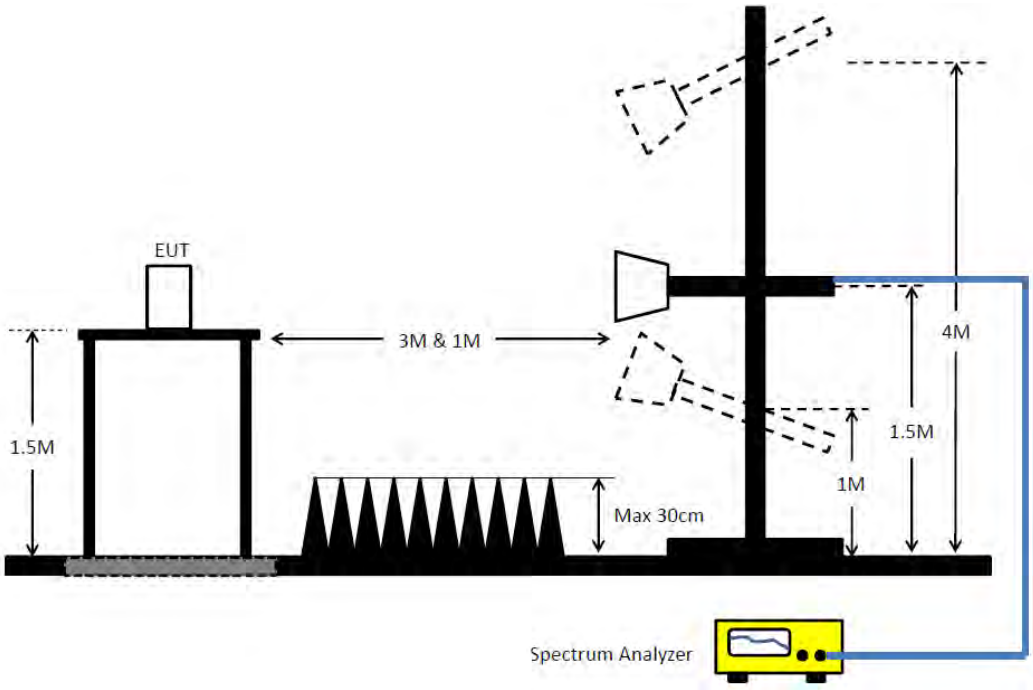
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 03, 2021	Mar. 02, 2022	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Jan. 06, 2021	Jan. 05, 2022	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Mar. 07, 2021	Mar. 06, 2022	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 30, 2021	Jan. 29, 2022	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 27, 2021	Jan. 26, 2022	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 06, 2021	May 05, 2022	Radiation (03CH03-CB)
Bilog Antenna with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	2928 & AT-N0608	20MHz ~ 2GHz	Feb. 22, 2021	Feb. 21, 2022	Radiation (03CH03-CB)
Horn Antenna	ETS・Lindgren	3115	6821	750MHz~18GHz	Jan. 26, 2021	Jan. 25, 2022	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 11, 2021	Jan. 10, 2022	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 03, 2020	Jul. 02, 2021	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 09, 2020	Jun. 08, 2021	Radiation (03CH03-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Mar. 22, 2021	Mar. 21, 2022	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESR7	102171	9kHz ~ 26GHz	Jul. 01, 2020	Jun. 30, 2021	Radiation (03CH03-CB)

RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 07, 2021	May 06, 2022	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2020	Nov. 05, 2021	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 20, 2021	May 19, 2022	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 03, 2021	May 02, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 02, 2020	Oct. 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	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 06, 2021	May 05, 2022	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)
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)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 21, 2021	May 20, 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)
Cable	Woken	RG402	low Cable-30	9 kHz –1 GHz	Apr. 06, 2021	Apr. 05, 2022	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	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.

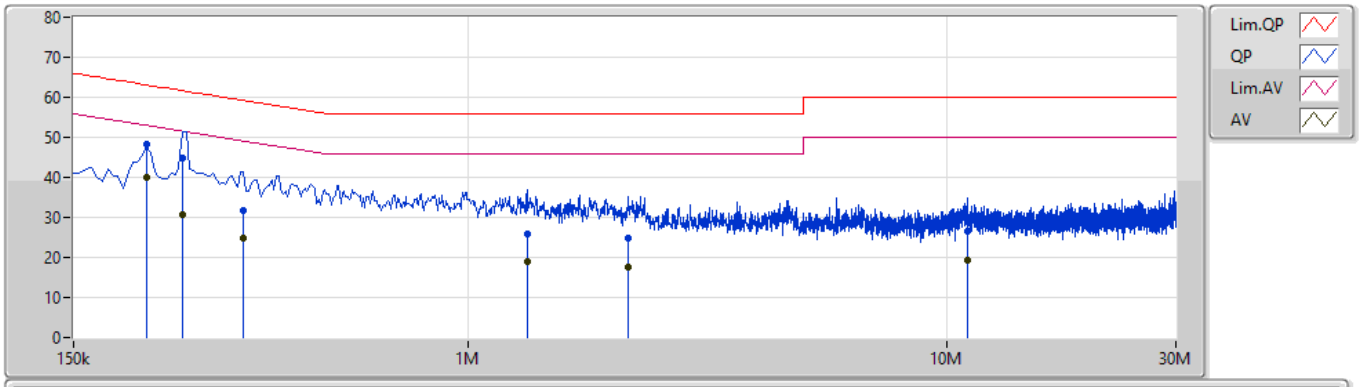
N.C.R. means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	213k	40.35	53.09	-12.74	Neutral

Mode 1

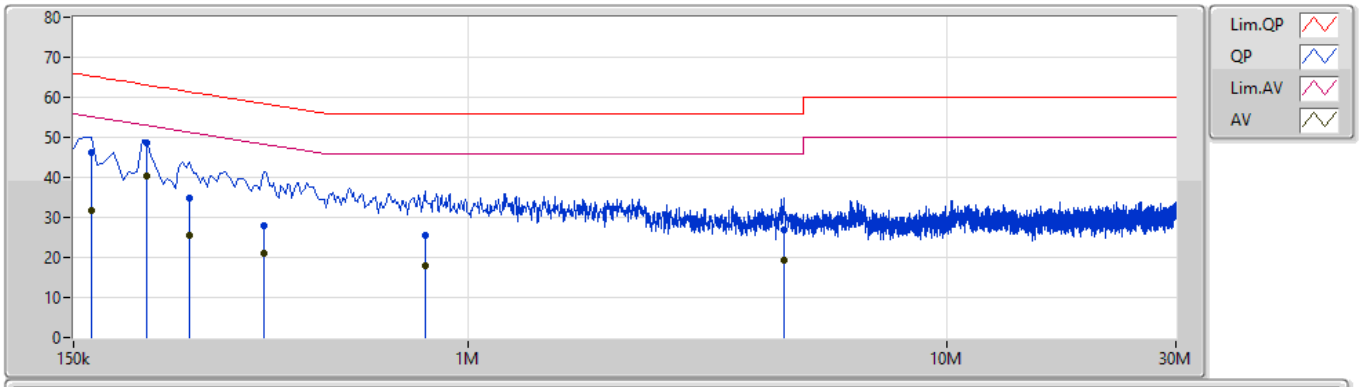
01/07/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	213k	48.25	63.09	-14.84	9.89	Line	-	38.36	0.04	0.04	9.81
AV	213k	40.12	53.09	-12.97	9.89	Line	"Worst"	30.23	0.04	0.04	9.81
QP	253.5k	44.82	61.64	-16.82	9.89	Line	-	34.93	0.04	0.04	9.81
AV	253.5k	30.78	51.64	-20.86	9.89	Line	-	20.89	0.04	0.04	9.81
QP	339k	31.81	59.23	-27.42	9.90	Line	-	21.91	0.04	0.04	9.82
AV	339k	24.85	49.23	-24.38	9.90	Line	-	14.95	0.04	0.04	9.82
QP	1.329M	25.99	56.00	-30.01	9.95	Line	-	16.04	0.07	0.05	9.83
AV	1.329M	18.93	46.00	-27.07	9.95	Line	-	8.98	0.07	0.05	9.83
QP	2.162M	24.96	56.00	-31.04	10.00	Line	-	14.96	0.09	0.08	9.83
AV	2.162M	17.68	46.00	-28.32	10.00	Line	-	7.68	0.09	0.08	9.83
QP	10.995M	26.51	60.00	-33.49	10.29	Line	-	16.22	0.23	0.16	9.90
AV	10.995M	19.40	50.00	-30.60	10.29	Line	-	9.11	0.23	0.16	9.90

Mode 1

01/07/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	163.5k	46.13	65.27	-19.14	9.88	Neutral	-	36.25	0.03	0.04	9.81
AV	163.5k	31.72	55.27	-23.55	9.88	Neutral	-	21.84	0.03	0.04	9.81
QP	213k	48.70	63.09	-14.39	9.88	Neutral	-	38.82	0.03	0.04	9.81
AV	213k	40.35	53.09	-12.74	9.88	Neutral	"Worst"	30.47	0.03	0.04	9.81
QP	262.5k	34.67	61.35	-26.68	9.88	Neutral	-	24.79	0.03	0.04	9.81
AV	262.5k	25.59	51.35	-25.76	9.88	Neutral	-	15.71	0.03	0.04	9.81
QP	375k	28.06	58.39	-30.33	9.89	Neutral	-	18.17	0.03	0.04	9.82
AV	375k	20.98	48.39	-27.41	9.89	Neutral	-	11.09	0.03	0.04	9.82
QP	811.5k	25.41	56.00	-30.59	9.92	Neutral	-	15.49	0.05	0.04	9.83
AV	811.5k	18.07	46.00	-27.93	9.92	Neutral	-	8.15	0.05	0.04	9.83
QP	4.551M	26.74	56.00	-29.26	10.11	Neutral	-	16.63	0.11	0.13	9.87
AV	4.551M	19.41	46.00	-26.59	10.11	Neutral	-	9.30	0.11	0.13	9.87

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	37.26M	20.18M	20M2D1D	30M	17.241M
802.11ax HEW20_Nss1,(MCS0)_4TX	41.01M	20.36M	20M4D1D	21.3M	19.01M
802.11ax HEW40_Nss1,(MCS0)_4TX	76.56M	38.861M	38M9D1D	39.9M	37.421M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.6M	76.522M	76M5D1D	80.88M	76.282M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.44M	37.661M	37M7D1D	15.69M	16.942M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.93M	20.18M	20M2D1D	18.69M	19.19M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.62M	42.819M	42M8D1D	35.88M	38.021M
802.11ax HEW80_Nss1,(MCS0)_4TX	76.32M	77.001M	77M0D1D	75.12M	76.642M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

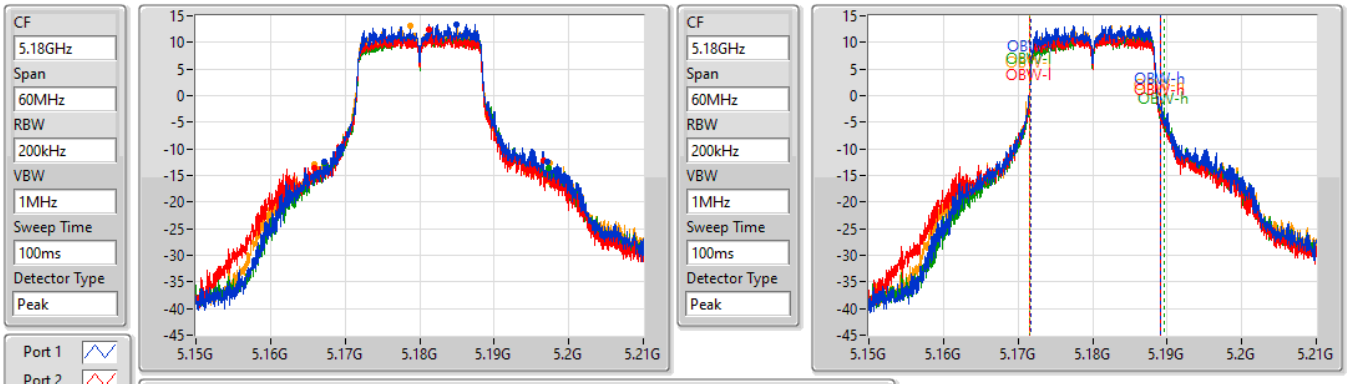
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	30M	17.511M	30.69M	17.691M	30M	17.901M	31.62M	17.511M
5200MHz	Pass	Inf	34.59M	17.601M	35.73M	19.88M	36.66M	18.861M	34.83M	18.261M
5240MHz	Pass	Inf	34.56M	17.421M	37.26M	20.18M	34.83M	17.661M	33.48M	17.241M
5745MHz	Pass	500k	16.32M	17.031M	16.35M	37.661M	16.29M	17.721M	16.35M	18.891M
5785MHz	Pass	500k	16.35M	17.871M	16.29M	35.472M	16.44M	17.871M	16.29M	17.901M
5825MHz	Pass	500k	16.32M	16.942M	16.35M	17.121M	16.32M	17.241M	15.69M	17.241M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.65M	19.01M	21.3M	19.1M	22.65M	19.04M	21.54M	19.1M
5200MHz	Pass	Inf	36M	19.31M	41.01M	19.79M	40.98M	19.76M	36.78M	19.55M
5240MHz	Pass	Inf	36.42M	19.28M	37.71M	20.36M	38.46M	19.34M	31.38M	19.22M
5745MHz	Pass	500k	18.93M	19.28M	18.9M	19.49M	18.9M	19.49M	18.69M	20.18M
5785MHz	Pass	500k	18.81M	19.31M	18.75M	19.49M	18.87M	19.4M	18.69M	19.4M
5825MHz	Pass	500k	18.69M	19.19M	18.93M	19.25M	18.84M	19.25M	18.81M	19.4M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.9M	37.421M	39.9M	37.541M	39.9M	37.421M	39.96M	37.541M
5230MHz	Pass	Inf	61.92M	37.901M	76.56M	38.861M	66.42M	38.021M	57.78M	37.781M
5755MHz	Pass	500k	37.62M	38.021M	37.5M	39.64M	36.84M	38.441M	36.72M	41.499M
5795MHz	Pass	500k	37.08M	41.499M	37.62M	41.379M	36.66M	40.66M	35.88M	42.819M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.12M	76.402M	80.88M	76.522M	80.88M	76.282M	81.6M	76.522M
5775MHz	Pass	500k	75.36M	76.762M	76.32M	77.001M	75.24M	76.882M	75.12M	76.642M

Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX EBW

5180MHz

07/06/2021

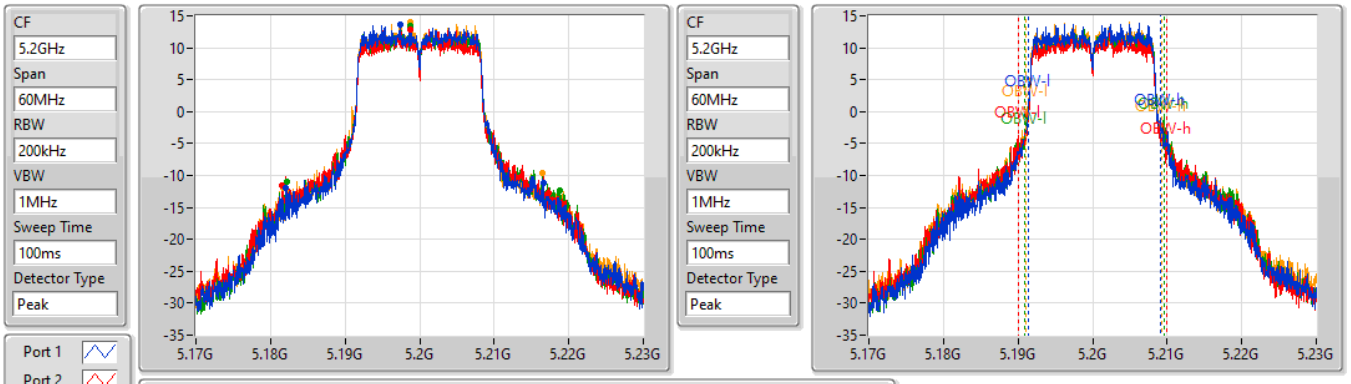


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30M	5.16719G	5.19719G	17.511M	5.171664G	5.189175G	Inf	1
30.69M	5.16593G	5.19662G	17.691M	5.171484G	5.189175G	Inf	2
30M	5.16722G	5.19722G	17.901M	5.171634G	5.189535G	Inf	3
31.62M	5.1659G	5.19752G	17.511M	5.171574G	5.189085G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5200MHz

07/06/2021

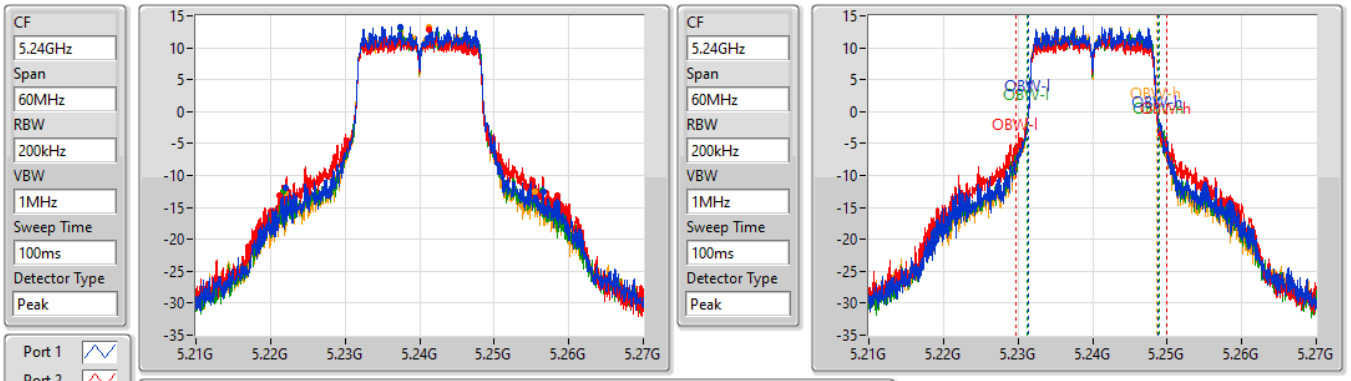


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.59M	5.182G	5.21659G	17.601M	5.191424G	5.209025G	Inf	1
35.73M	5.18158G	5.21731G	19.88M	5.190105G	5.209985G	Inf	2
36.66M	5.18215G	5.21881G	18.861M	5.190825G	5.209685G	Inf	3
34.83M	5.1817G	5.21653G	18.261M	5.191034G	5.209295G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5240MHz

07/06/2021

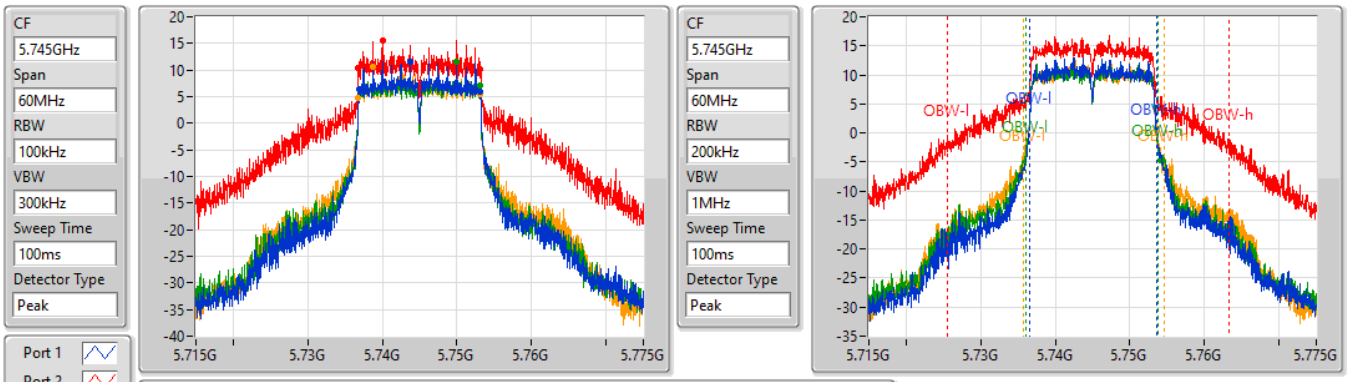


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.56M	5.22203G	5.25659G	17.421M	5.231394G	5.248816G	Inf	1
37.26M	5.22116G	5.25842G	20.18M	5.229775G	5.249955G	Inf	2
34.83M	5.22164G	5.25647G	17.661M	5.231214G	5.248876G	Inf	3
33.48M	5.22206G	5.25554G	17.241M	5.231424G	5.248666G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5745MHz

07/06/2021

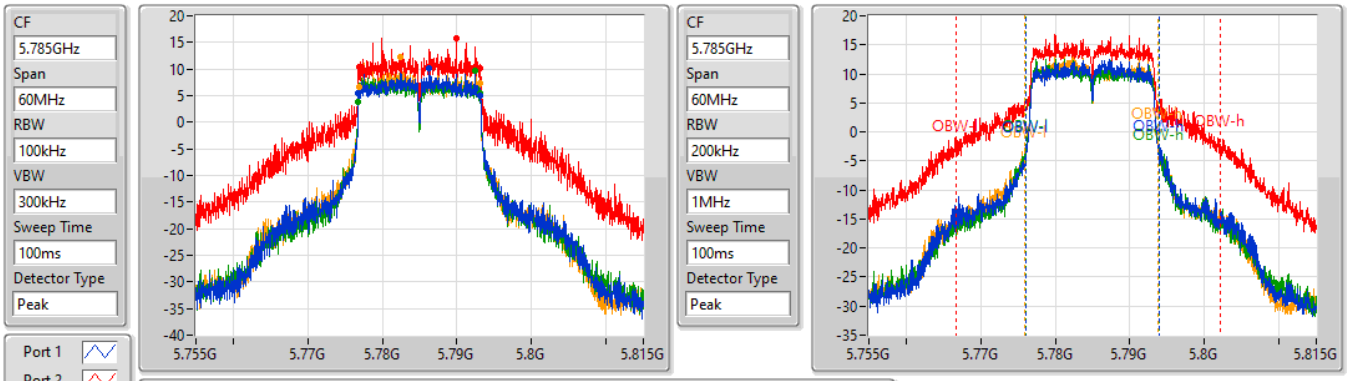


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.73684G	5.75316G	17.031M	5.736574G	5.753606G	500k	1
16.35M	5.73681G	5.75316G	37.661M	5.72557G	5.763231G	500k	2
16.29M	5.73684G	5.75313G	17.721M	5.736124G	5.753846G	500k	3
16.35M	5.73681G	5.75316G	18.891M	5.735675G	5.754565G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5785MHz

07/06/2021

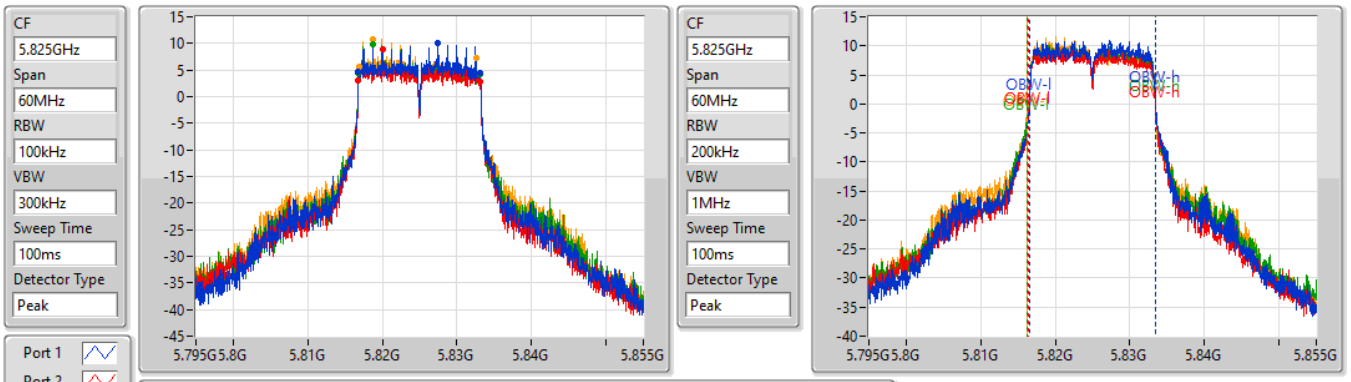


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.77681G	5.79316G	17.871M	5.776094G	5.793966G	500k	1
16.29M	5.77684G	5.79313G	35.472M	5.766709G	5.802181G	500k	2
16.44M	5.77672G	5.79316G	17.871M	5.776004G	5.793876G	500k	3
16.29M	5.77684G	5.79313G	17.901M	5.775825G	5.793726G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5825MHz

07/06/2021

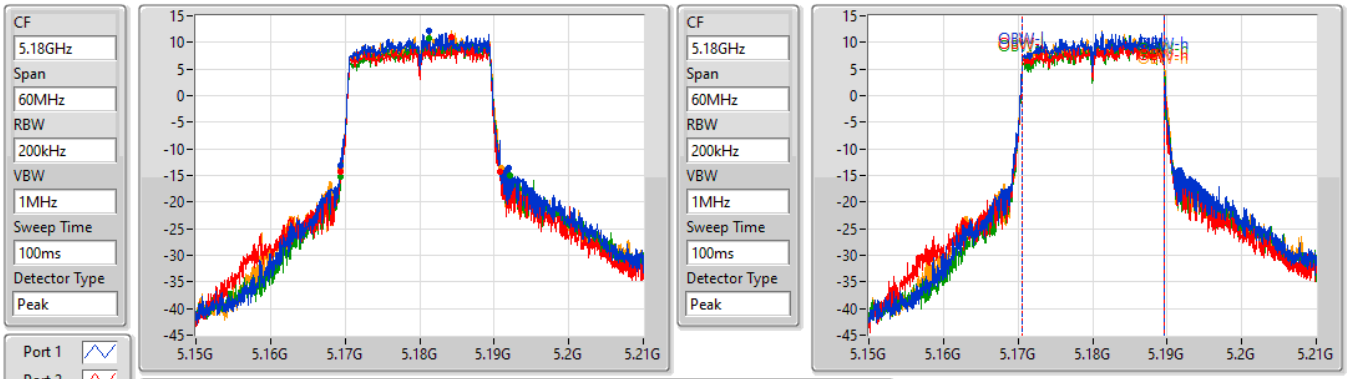


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.81681G	5.83313G	16.942M	5.816514G	5.833456G	500k	1
16.35M	5.81681G	5.83316G	17.121M	5.816334G	5.833456G	500k	2
16.32M	5.81681G	5.83313G	17.241M	5.816244G	5.833486G	500k	3
15.69M	5.81684G	5.83253G	17.241M	5.816184G	5.833426G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5180MHz

07/06/2021

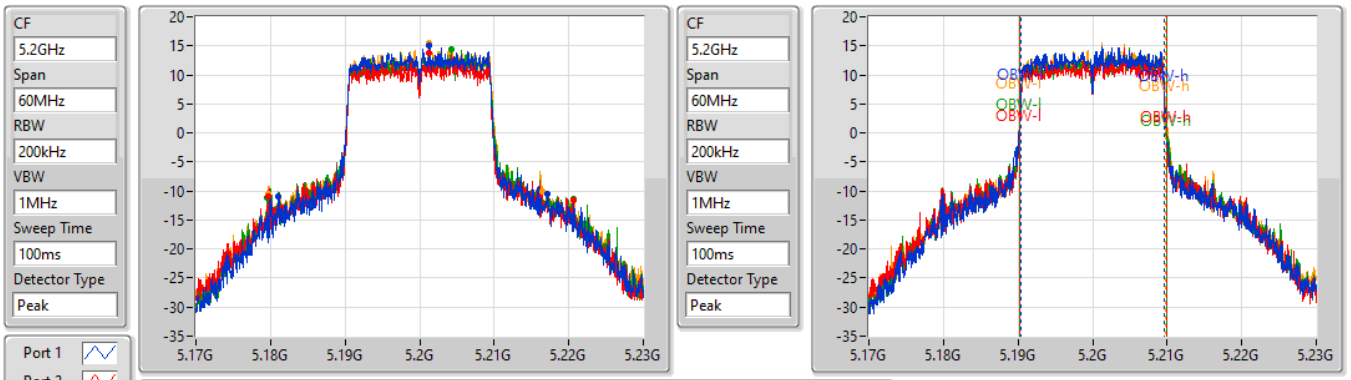


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.65M	5.16932G	5.19197G	19.01M	5.170555G	5.189565G	Inf	1
21.3M	5.16947G	5.19077G	19.1M	5.170525G	5.189625G	Inf	2
22.65M	5.16941G	5.19206G	19.04M	5.170555G	5.189595G	Inf	3
21.54M	5.16941G	5.19095G	19.1M	5.170555G	5.189655G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5200MHz

07/06/2021

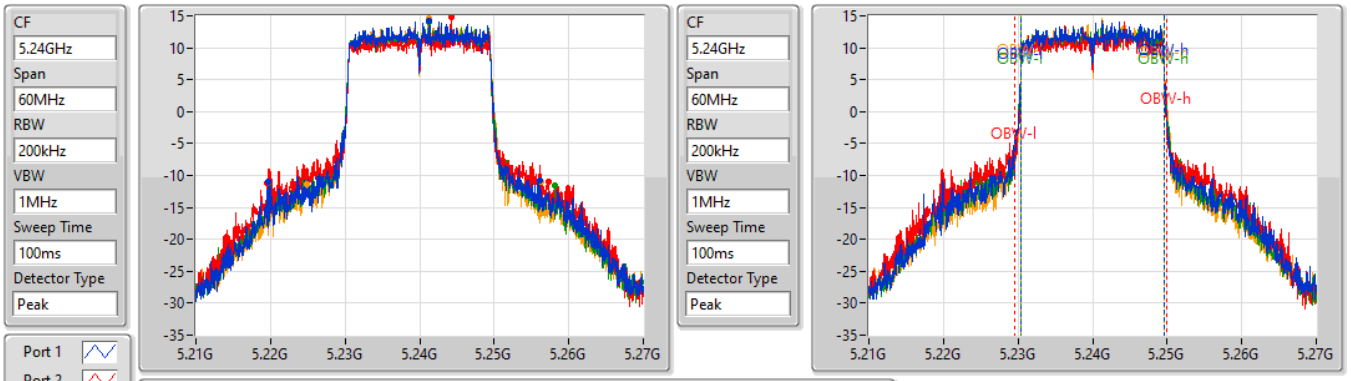


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36M	5.1811G	5.2171G	19.31M	5.190345G	5.209655G	Inf	1
41.01M	5.17963G	5.22064G	19.79M	5.190165G	5.209955G	Inf	2
40.98M	5.1796G	5.22058G	19.76M	5.190225G	5.209985G	Inf	3
36.78M	5.17963G	5.21641G	19.55M	5.190285G	5.209835G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5240MHz

07/06/2021

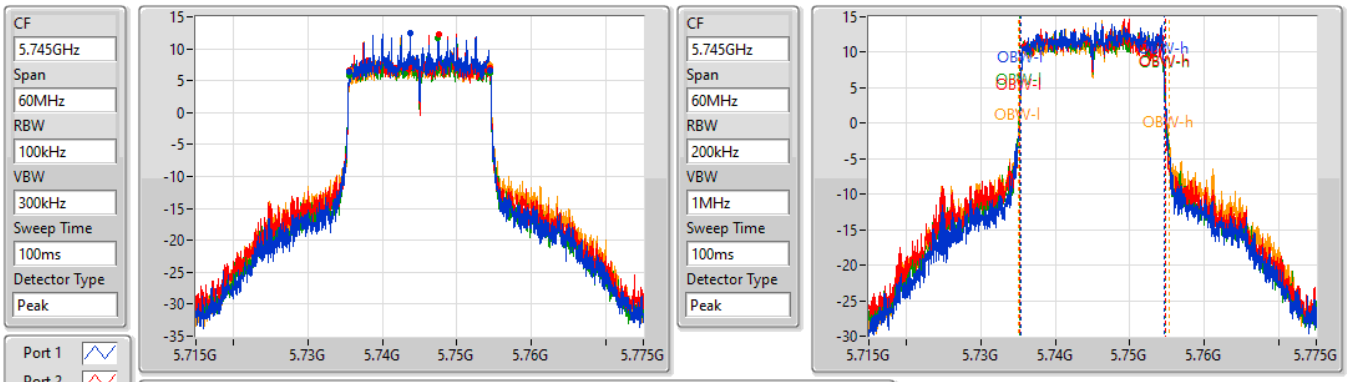


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.42M	5.21972G	5.25614G	19.28M	5.230345G	5.249625G	Inf	1
37.71M	5.2196G	5.25731G	20.36M	5.229595G	5.249955G	Inf	2
38.46M	5.21969G	5.25815G	19.34M	5.230315G	5.249655G	Inf	3
31.38M	5.22485G	5.25623G	19.22M	5.230405G	5.249625G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5745MHz

07/06/2021

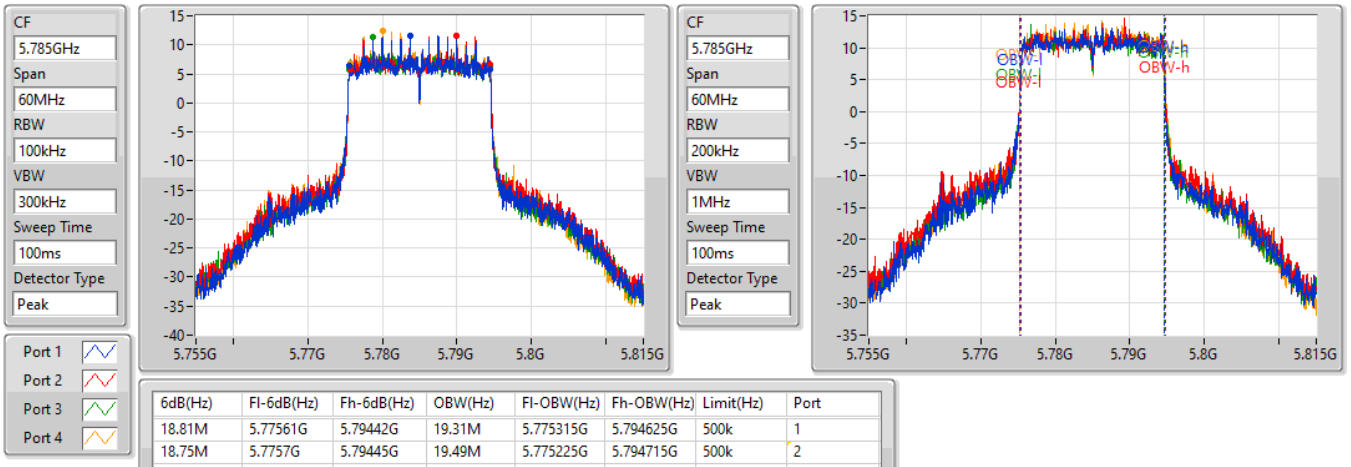


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.93M	5.73558G	5.75451G	19.28M	5.735375G	5.754655G	500k	1
18.9M	5.73558G	5.75448G	19.49M	5.735225G	5.754715G	500k	2
18.9M	5.73555G	5.75445G	19.49M	5.735225G	5.754715G	500k	3
18.69M	5.73579G	5.75448G	20.18M	5.735075G	5.755255G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5785MHz

07/06/2021

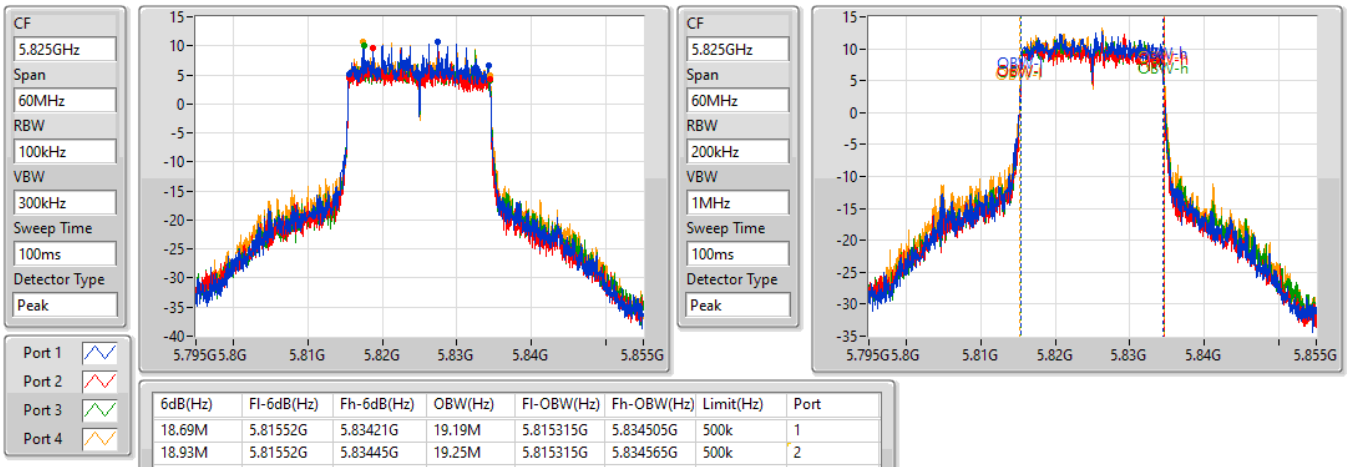


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.81M	5.77561G	5.79442G	19.31M	5.775315G	5.794625G	500k	1
18.75M	5.7757G	5.79445G	19.49M	5.775225G	5.794715G	500k	2
18.87M	5.77552G	5.79439G	19.4M	5.775285G	5.794685G	500k	3
18.69M	5.77576G	5.79445G	19.4M	5.775285G	5.794685G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5825MHz

07/06/2021

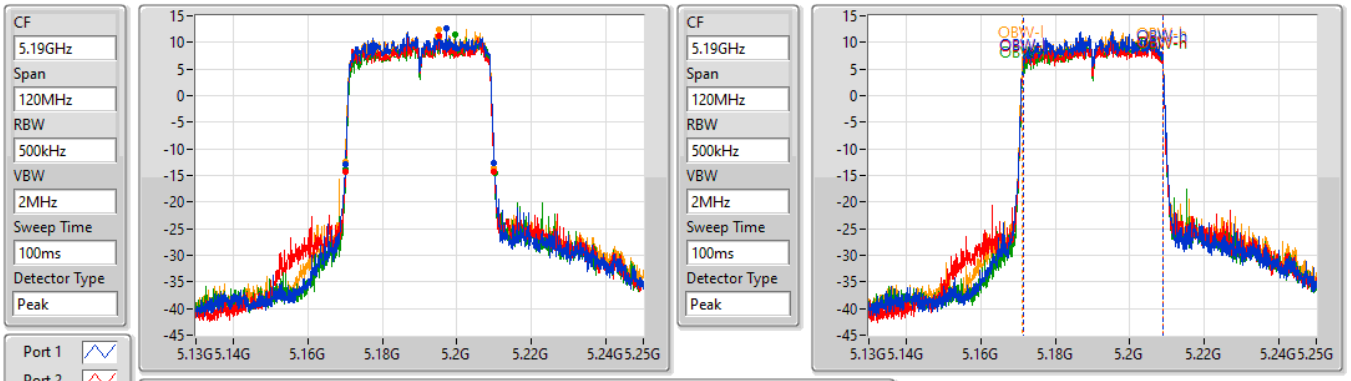


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.69M	5.81552G	5.83421G	19.19M	5.815315G	5.834505G	500k	1
18.93M	5.81552G	5.83445G	19.25M	5.815315G	5.834565G	500k	2
18.84M	5.81558G	5.83442G	19.25M	5.815315G	5.834565G	500k	3
18.81M	5.81561G	5.83442G	19.4M	5.815255G	5.834655G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5190MHz

07/06/2021

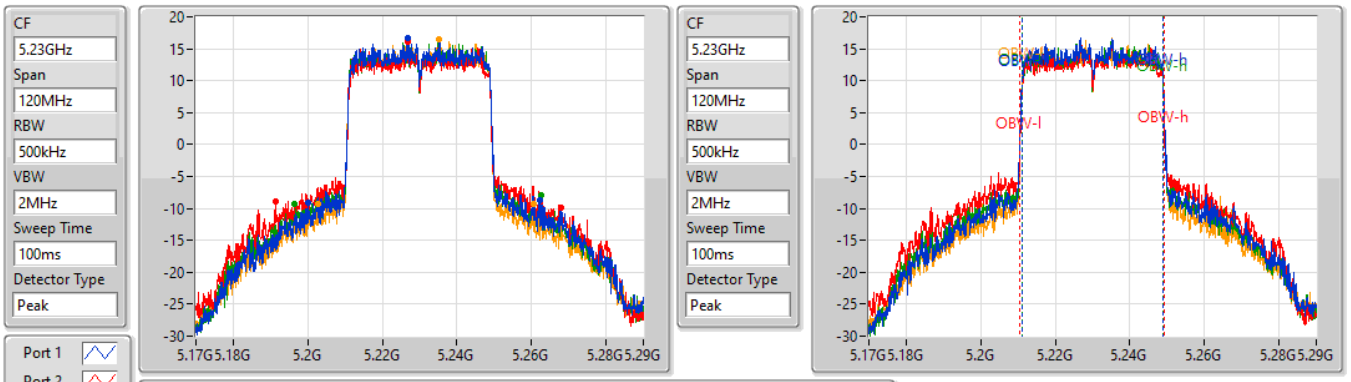


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.17014G	5.21004G	37.421M	5.171349G	5.208771G	Inf	1
39.9M	5.17014G	5.21004G	37.541M	5.171289G	5.208831G	Inf	2
39.9M	5.1702G	5.2101G	37.421M	5.1714096	5.208831G	Inf	3
39.96M	5.17008G	5.21004G	37.541M	5.171229G	5.208771G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5230MHz

07/06/2021

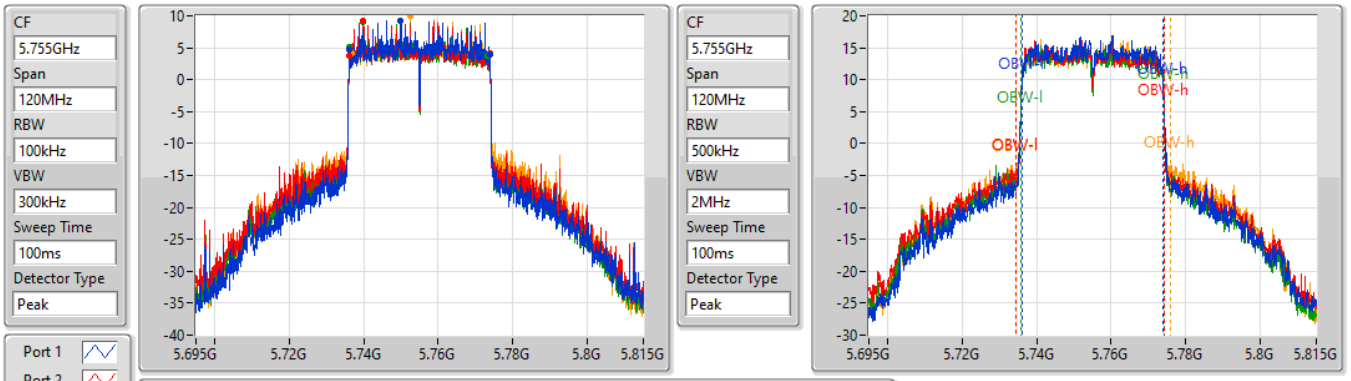


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
61.92M	5.20024G	5.26216G	37.901M	5.211049G	5.248951G	Inf	1
76.56M	5.19142G	5.26798G	38.861M	5.21051G	5.24937G	Inf	2
66.42M	5.19628G	5.2627G	38.021M	5.21099G	5.24901G	Inf	3
57.78M	5.2027G	5.26048G	37.781M	5.211109G	5.248891G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5755MHz

07/06/2021

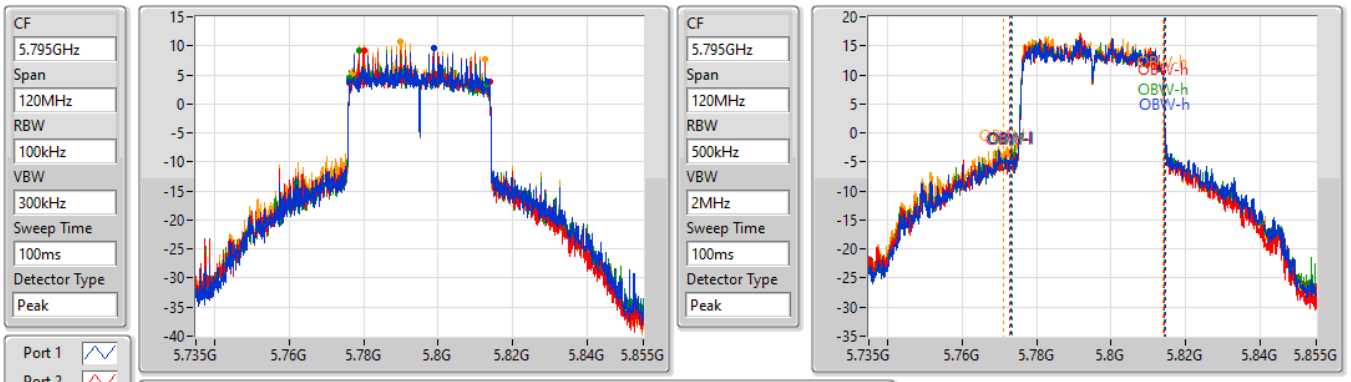


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.62M	5.73622G	5.77384G	38.021M	5.73599G	5.77401G	500k	1
37.5M	5.73622G	5.77372G	39.64M	5.73455G	5.77419G	500k	2
36.84M	5.73622G	5.77306G	38.441M	5.73563G	5.77407G	500k	3
36.72M	5.73694G	5.77366G	41.499M	5.73437G	5.77587G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5795MHz

07/06/2021

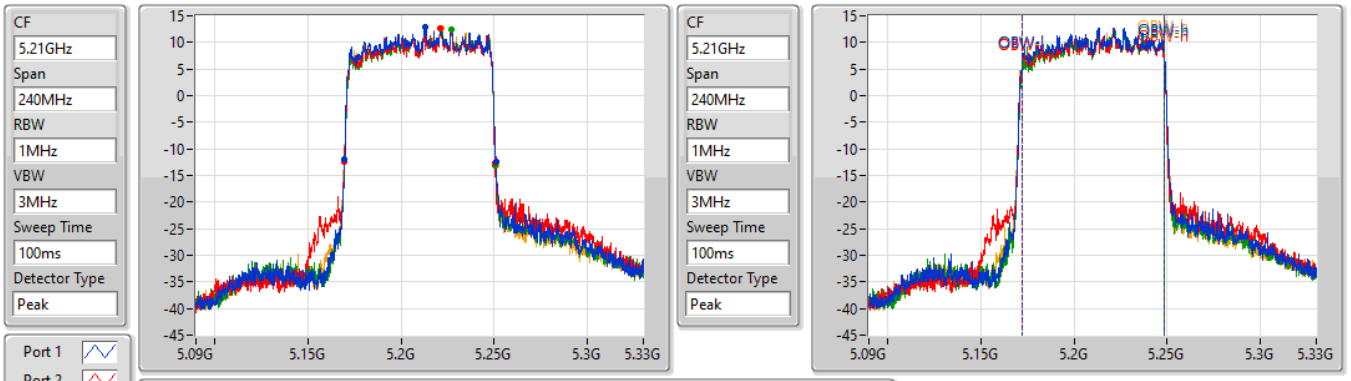


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.08M	5.77616G	5.81324G	41.499M	5.772991G	5.81449G	500k	1
37.62M	5.77616G	5.81378G	41.379M	5.772691G	5.81407G	500k	2
36.66M	5.77616G	5.81282G	40.66M	5.773591G	5.81425G	500k	3
35.88M	5.77664G	5.81252G	42.819M	5.771192G	5.81401G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5210MHz

07/06/2021

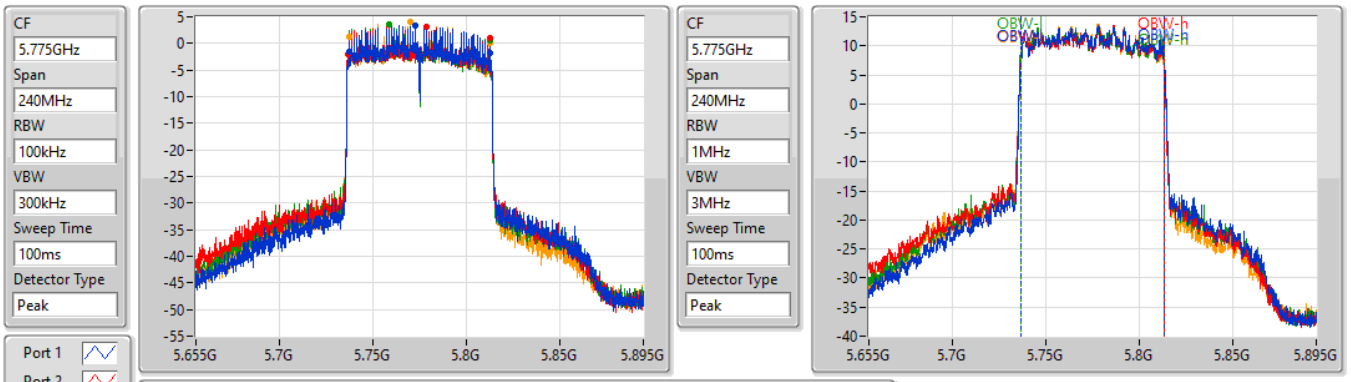


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.12M	5.1698G	5.25092G	76.402M	5.172099G	5.248501G	Inf	1
80.88M	5.16956G	5.25044G	76.522M	5.172099G	5.248621G	Inf	2
80.88M	5.1698G	5.25068G	76.282M	5.172339G	5.248621G	Inf	3
81.6M	5.16944G	5.25104G	76.522M	5.172099G	5.248621G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5775MHz

07/06/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.36M	5.73732G	5.81268G	76.762M	5.736619G	5.813381G	500k	1
76.32M	5.73624G	5.81256G	77.001M	5.736379G	5.813381G	500k	2
75.24M	5.73732G	5.81256G	76.882M	5.736379G	5.813261G	500k	3
75.12M	5.73744G	5.81256G	76.642M	5.736499G	5.813141G	500k	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.57	0.90573
802.11ax HEW20_Nss1,(MCS0)_4TX	29.91	0.97949
802.11ax HEW40_Nss1,(MCS0)_4TX	29.36	0.86298
802.11ax HEW80_Nss1,(MCS0)_4TX	25.79	0.37931
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.95	0.98855
802.11ax HEW20_Nss1,(MCS0)_4TX	29.36	0.86298
802.11ax HEW40_Nss1,(MCS0)_4TX	29.88	0.97275
802.11ax HEW80_Nss1,(MCS0)_4TX	26.45	0.44157

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.52	23.53	22.47	22.52	23.39	29.03	30.00
5200MHz	Pass	4.52	23.89	22.72	23.39	24.06	29.57	30.00
5240MHz	Pass	4.52	23.43	22.66	23.33	23.38	29.23	30.00
5745MHz	Pass	5.58	22.97	26.36	22.39	22.66	29.95	30.00
5785MHz	Pass	5.58	22.91	26.08	22.62	22.92	29.91	30.00
5825MHz	Pass	5.58	21.43	20.23	21.16	21.48	27.12	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.52	21.09	19.82	19.86	20.66	26.41	30.00
5200MHz	Pass	4.52	24.36	23.10	23.63	24.35	29.91	30.00
5240MHz	Pass	4.52	23.39	22.68	23.35	23.57	29.28	30.00
5745MHz	Pass	5.58	23.71	23.37	23.09	23.18	29.36	30.00
5785MHz	Pass	5.58	22.73	23.12	22.94	23.35	29.06	30.00
5825MHz	Pass	5.58	21.76	21.01	21.39	21.83	27.53	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.52	18.92	18.18	18.22	19.04	24.63	30.00
5230MHz	Pass	4.52	23.64	22.75	23.43	23.47	29.36	30.00
5755MHz	Pass	5.58	23.34	23.33	23.43	24.16	29.60	30.00
5795MHz	Pass	5.58	23.56	23.71	23.70	24.43	29.88	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.52	19.76	19.85	19.62	19.84	25.79	30.00
5775MHz	Pass	5.58	20.47	20.48	20.33	20.42	26.45	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.91	0.97949
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.36	0.86298
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	25.79	0.37931
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.36	0.86298
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.88	0.97275
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	26.45	0.44157

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.68	21.09	19.82	19.86	20.66	26.41	30.00
5200MHz	Pass	4.68	24.36	23.1	23.63	24.35	29.91	30.00
5240MHz	Pass	4.68	23.39	22.68	23.35	23.57	29.28	30.00
5745MHz	Pass	5.91	23.71	23.37	23.09	23.18	29.36	30.00
5785MHz	Pass	5.91	22.73	23.12	22.94	23.35	29.06	30.00
5825MHz	Pass	5.91	21.76	21.01	21.39	21.83	27.53	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.68	18.92	18.18	18.22	19.04	24.63	30.00
5230MHz	Pass	4.68	23.64	22.75	23.43	23.47	29.36	30.00
5755MHz	Pass	5.91	23.34	23.33	23.43	24.16	29.60	30.00
5795MHz	Pass	5.91	23.56	23.71	23.7	24.43	29.88	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.68	19.76	19.85	19.62	19.84	25.79	30.00
5775MHz	Pass	5.91	20.47	20.48	20.33	20.42	26.45	30.00

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	16.46
802.11ax HEW20_Nss1,(MCS0)_4TX	16.13
802.11ax HEW40_Nss1,(MCS0)_4TX	13.16
802.11ax HEW80_Nss1,(MCS0)_4TX	6.35
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.44
802.11ax HEW20_Nss1,(MCS0)_4TX	14.27
802.11ax HEW40_Nss1,(MCS0)_4TX	11.96
802.11ax HEW80_Nss1,(MCS0)_4TX	6.23

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

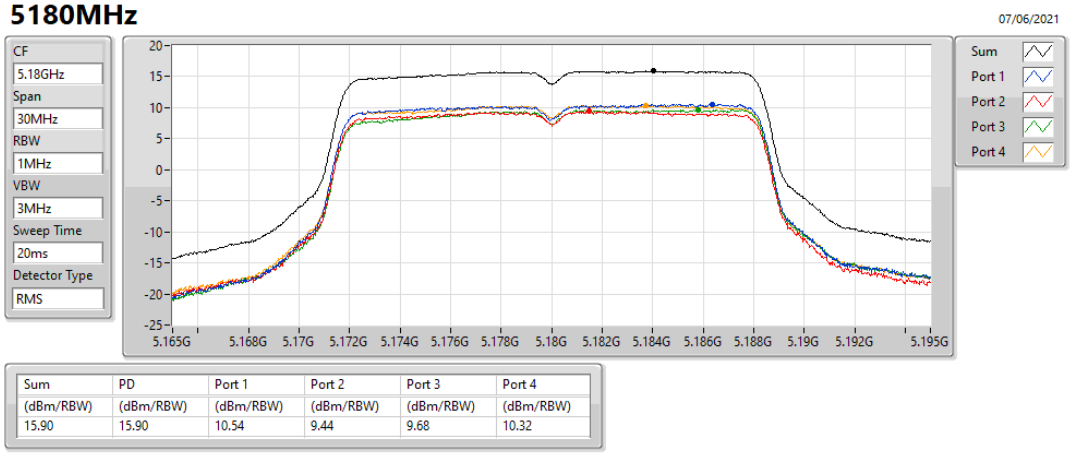
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.68	10.54	9.44	9.68	10.32	15.90	17.00
5200MHz	Pass	4.68	10.87	9.92	10.47	11.03	16.46	17.00
5240MHz	Pass	4.68	10.44	9.85	10.34	10.69	16.25	17.00
5745MHz	Pass	5.91	8.66	11.71	7.92	8.69	15.44	30.00
5785MHz	Pass	5.91	8.59	11.26	8.25	9.34	15.37	30.00
5825MHz	Pass	5.91	6.75	5.88	6.83	7.49	12.57	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.68	8.08	6.73	7.13	7.61	13.26	17.00
5200MHz	Pass	4.68	10.58	9.40	10.18	10.69	16.13	17.00
5240MHz	Pass	4.68	9.98	9.33	9.85	10.01	15.69	17.00
5745MHz	Pass	5.91	8.92	8.30	8.19	8.52	14.27	30.00
5785MHz	Pass	5.91	7.97	7.94	7.94	8.56	13.92	30.00
5825MHz	Pass	5.91	7.26	6.47	6.71	7.32	12.76	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.68	3.04	2.35	2.44	3.10	8.64	17.00
5230MHz	Pass	4.68	7.36	6.86	7.41	7.49	13.16	17.00
5755MHz	Pass	5.91	6.40	5.74	5.80	6.15	11.85	30.00
5795MHz	Pass	5.91	5.83	5.80	5.99	6.76	11.96	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.68	0.51	0.17	0.43	0.58	6.35	17.00
5775MHz	Pass	5.91	0.54	0.16	0.36	0.36	6.23	30.00

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

802.11a_Nss1,(6Mbps)_4TX PSD

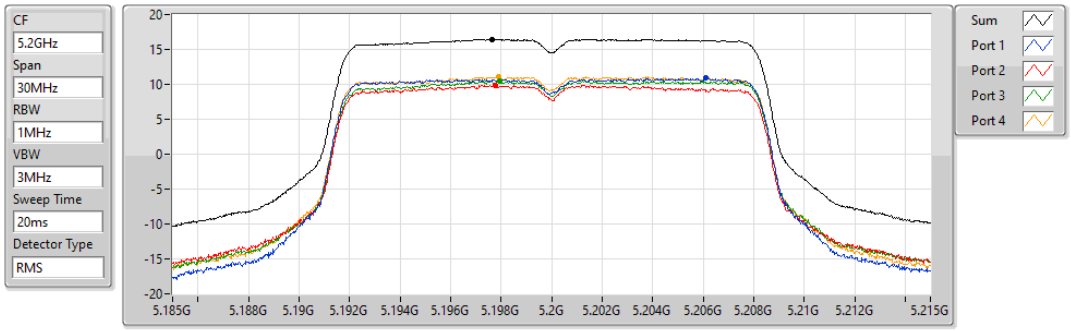
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.90	15.90	10.54	9.44	9.68	10.32

802.11a_Nss1,(6Mbps)_4TX PSD

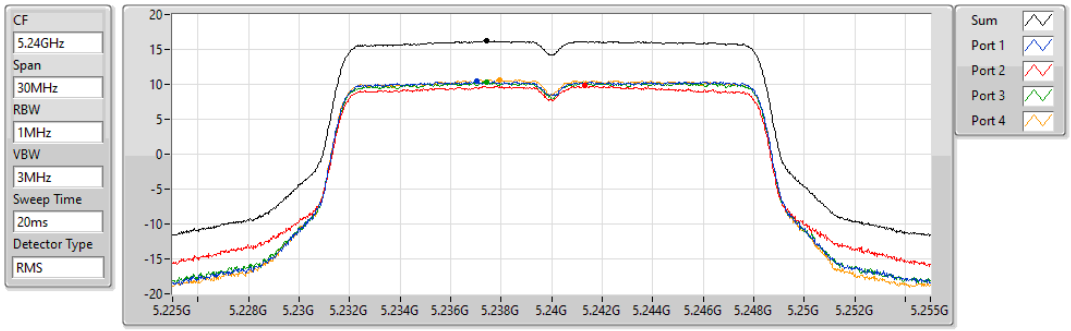
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.46	16.46	10.87	9.92	10.47	11.03

802.11a_Nss1,(6Mbps)_4TX PSD

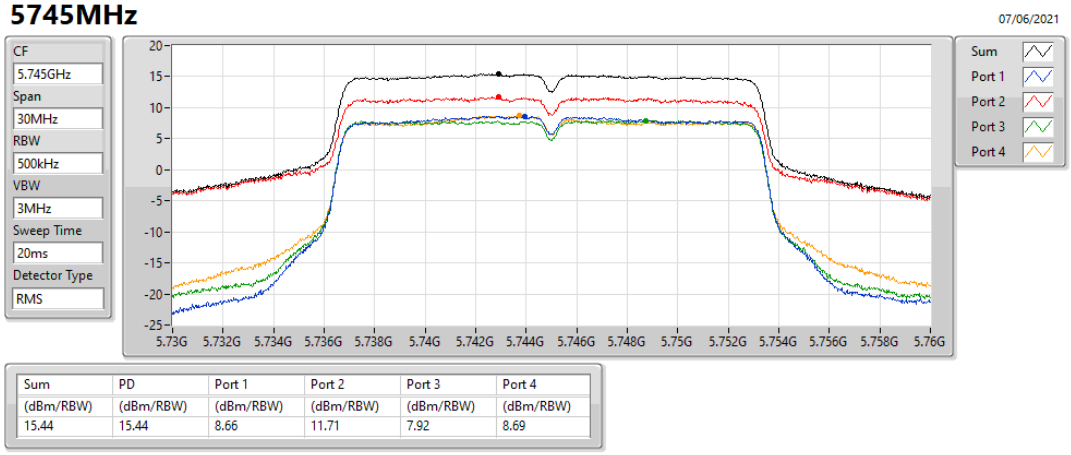
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.25	16.25	10.44	9.85	10.34	10.69

802.11a_Nss1,(6Mbps)_4TX PSD

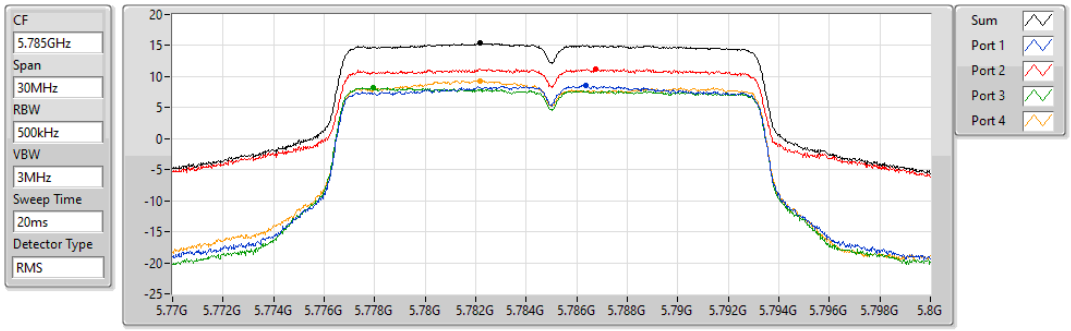
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.44	15.44	8.66	11.71	7.92	8.69

802.11a_Nss1,(6Mbps)_4TX PSD

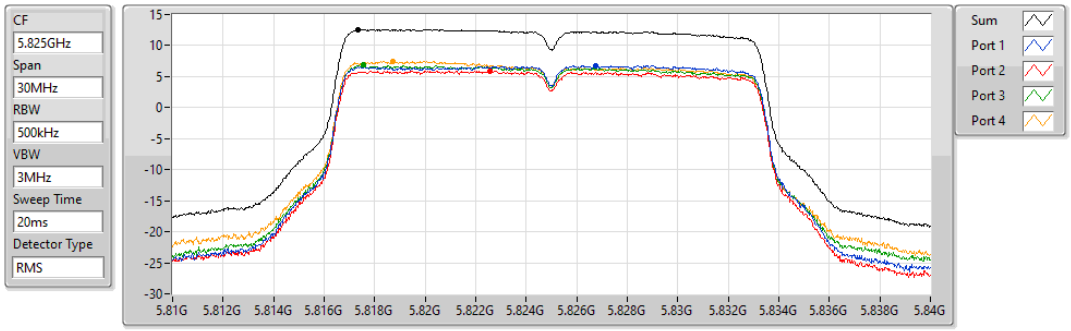
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.37	15.37	8.59	11.26	8.25	9.34

802.11a_Nss1,(6Mbps)_4TX PSD

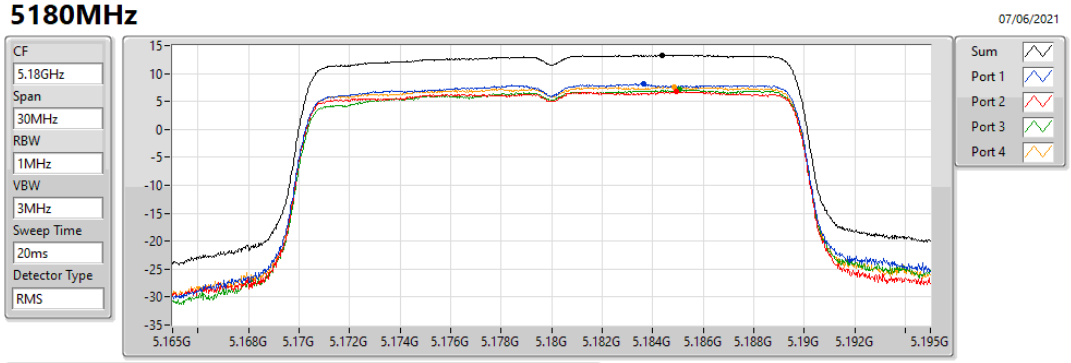
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.57	12.57	6.75	5.88	6.83	7.49

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

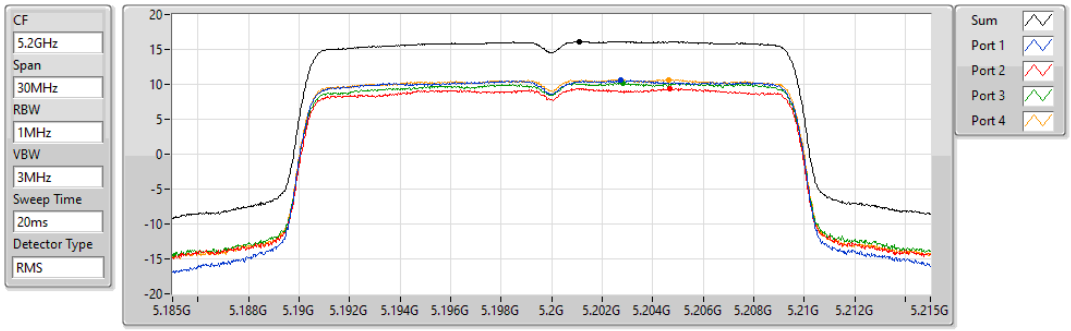
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.26	13.26	8.08	6.73	7.13	7.61

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

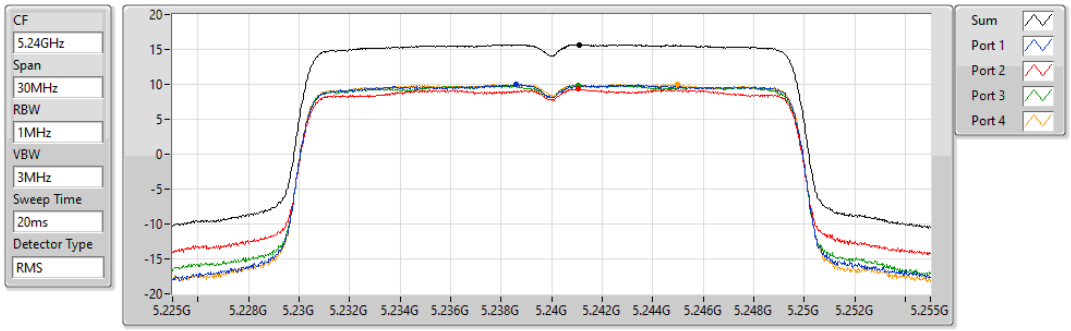
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.13	16.13	10.58	9.40	10.18	10.69

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

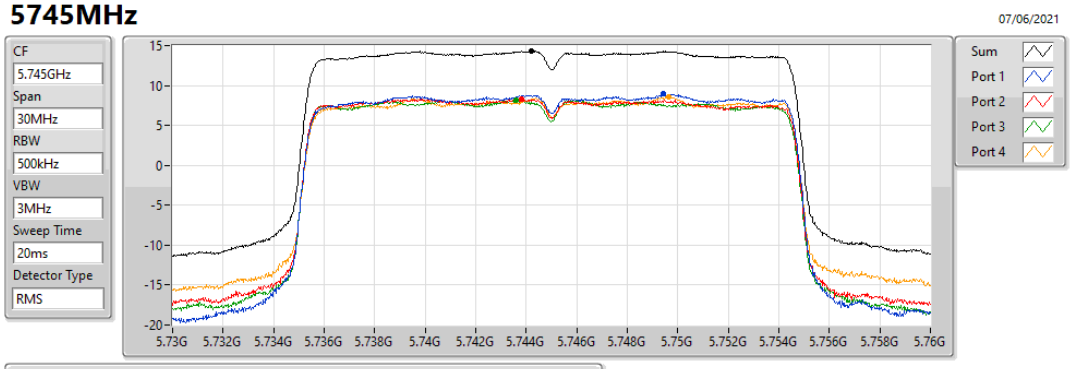
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.69	15.69	9.98	9.33	9.85	10.01

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

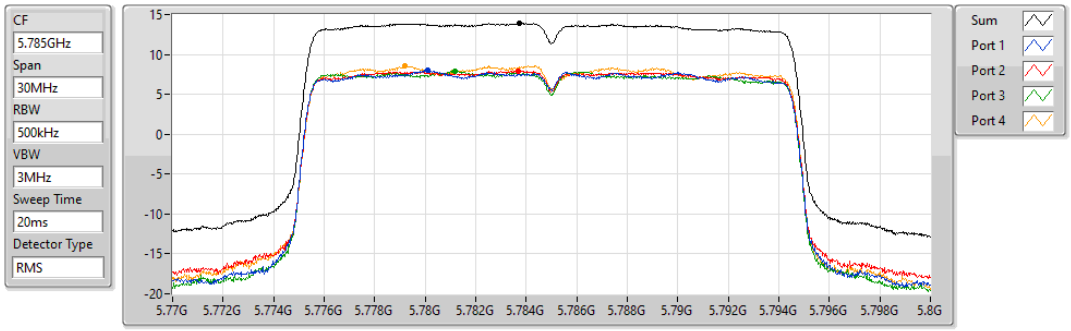
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.27	14.27	8.92	8.30	8.19	8.52

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

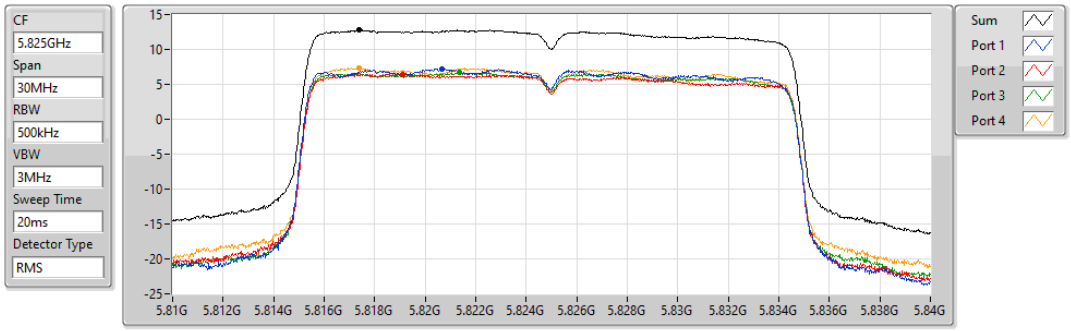
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.92	13.92	7.97	7.94	7.94	8.56

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

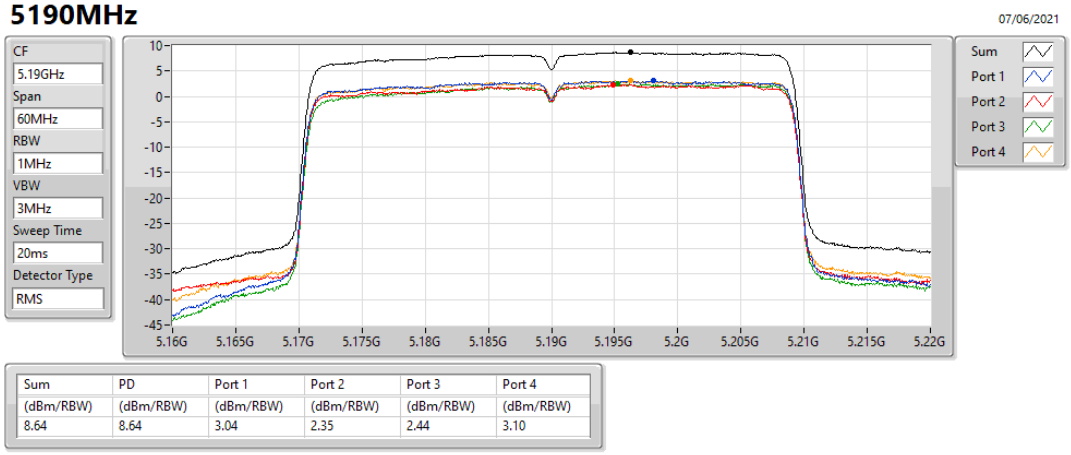
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.76	12.76	7.26	6.47	6.71	7.32

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

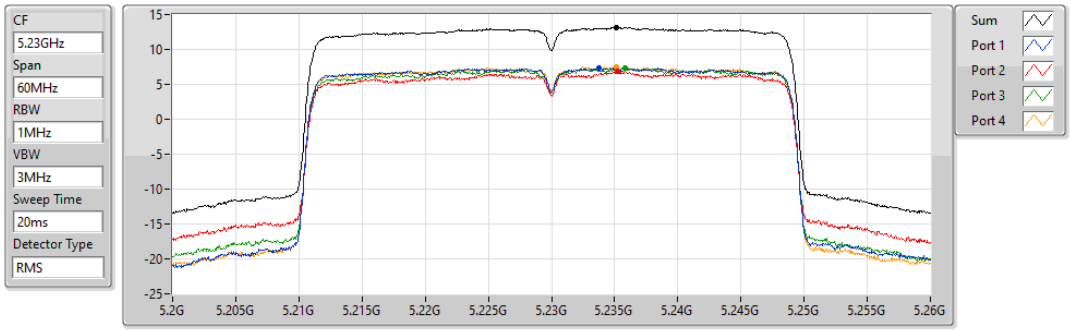
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.64	8.64	3.04	2.35	2.44	3.10

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

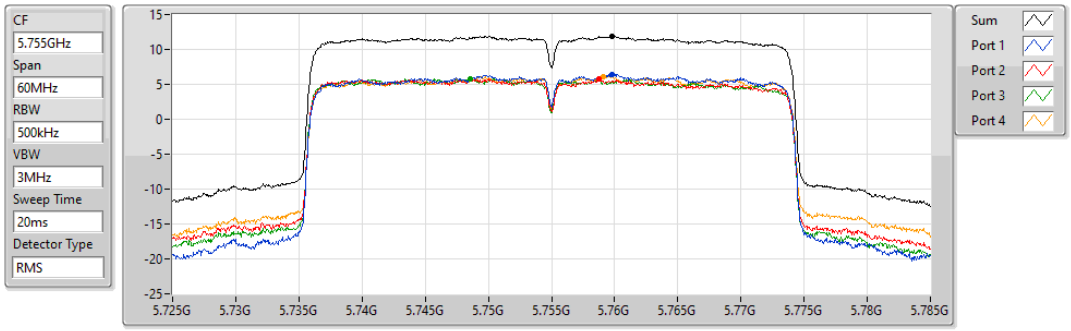
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.16	13.16	7.36	6.86	7.41	7.49

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

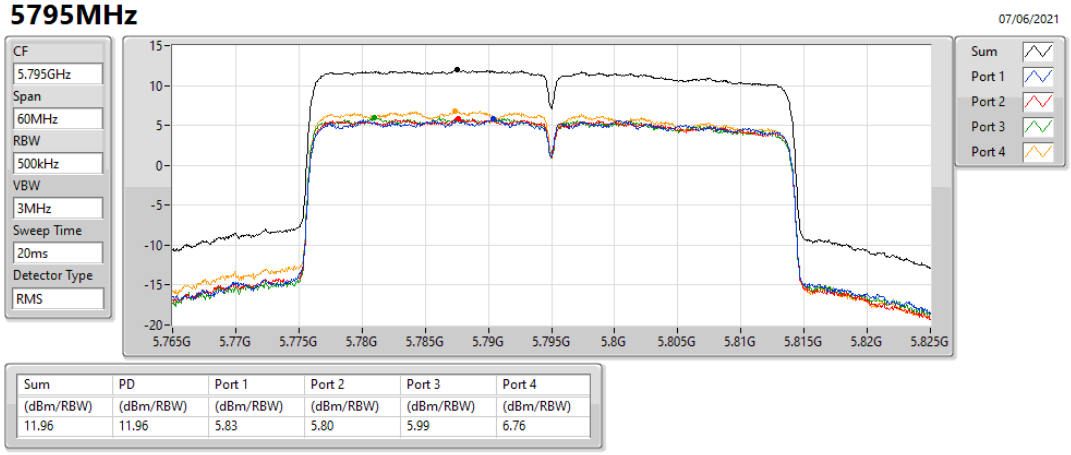
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.85	11.85	6.40	5.74	5.80	6.15

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

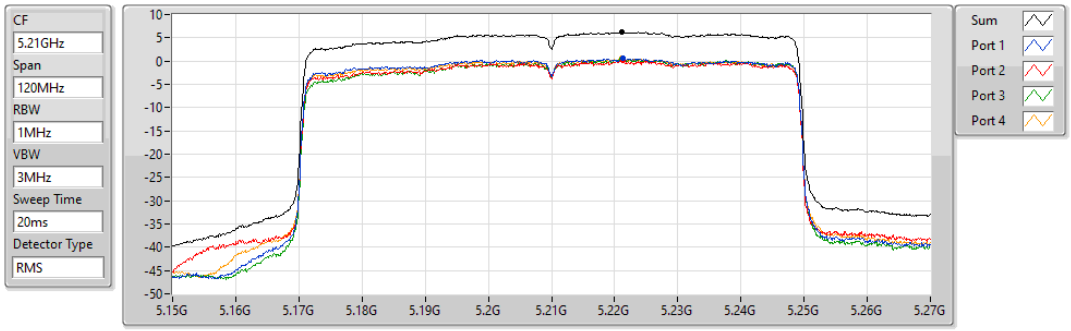
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.96	11.96	5.83	5.80	5.99	6.76

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

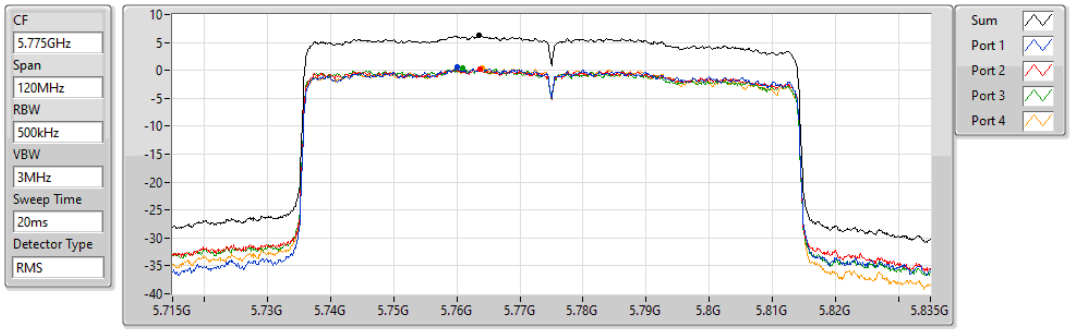
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.35	6.35	0.51	0.17	0.43	0.58

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5775MHz

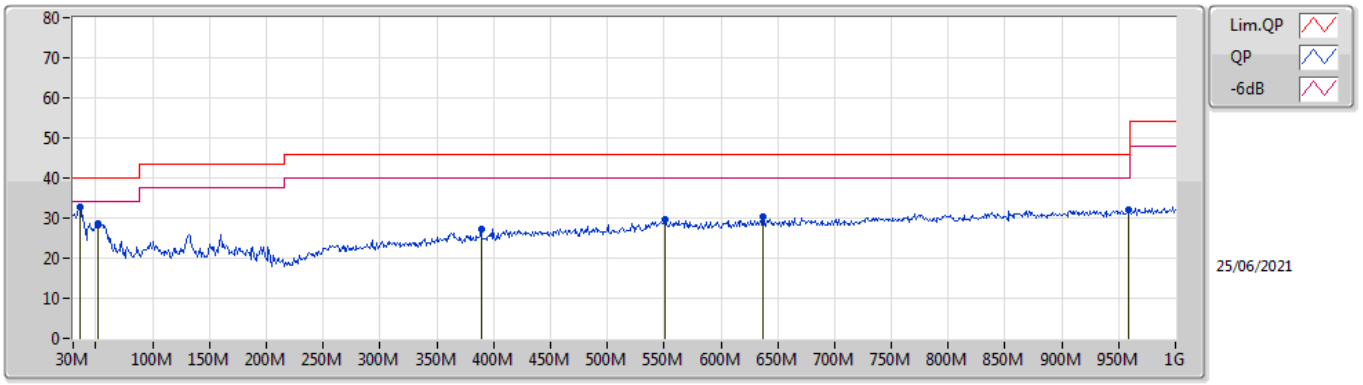


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.23	6.23	0.54	0.16	0.36	0.36

Summary

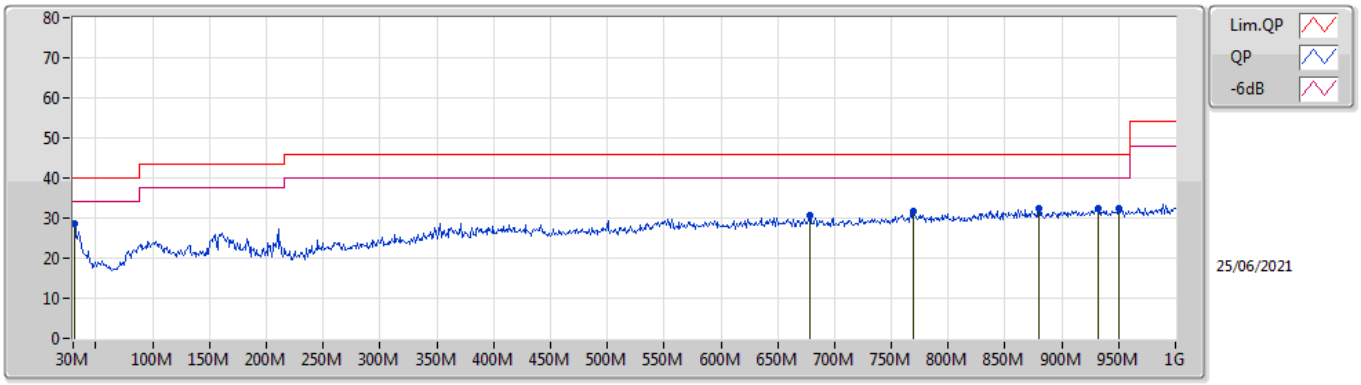
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	35.82M	32.92	40.00	-7.08	Vertical

Radiated Emissions below 1GHz_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	35.82M	32.92	40.00	-7.08	-7.06	3	Vertical	56	1.25	"Worst"	39.98	21.20	0.22	28.48
PK	51.34M	28.46	40.00	-11.54	-14.49	3	Vertical	360	1.00	-	42.95	13.60	0.40	28.49
PK	388.9M	27.21	46.00	-18.79	-5.54	3	Vertical	281	1.25	-	32.75	20.91	2.06	28.51
PK	550.89M	29.76	46.00	-16.24	-2.16	3	Vertical	163	1.50	-	31.92	24.62	2.60	29.38
PK	637.22M	30.32	46.00	-15.68	-2.03	3	Vertical	35	1.00	-	32.35	24.46	2.85	29.34
PK	958.29M	31.94	46.00	-14.06	0.93	3	Vertical	45	1.50	-	31.01	25.94	3.53	28.54

Radiated Emissions below 1GHz_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	30.97M	28.69	40.00	-11.31	-4.89	3	Horizontal	255	2.00	"Worst"	33.58	23.40	0.20	28.49
PK	677.96M	30.60	46.00	-15.40	-1.83	3	Horizontal	215	1.50	-	32.43	24.55	2.96	29.34
PK	769.14M	31.59	46.00	-14.41	-0.81	3	Horizontal	0	1.00	-	32.40	25.11	3.20	29.12
PK	879.72M	32.53	46.00	-13.47	0.19	3	Horizontal	150	1.50	-	32.34	25.53	3.46	28.80
PK	932.1M	32.49	46.00	-13.51	0.66	3	Horizontal	360	1.25	-	31.83	25.77	3.50	28.61
PK	950.53M	32.44	46.00	-13.56	0.87	3	Horizontal	18	1.00	-	31.57	25.93	3.50	28.56

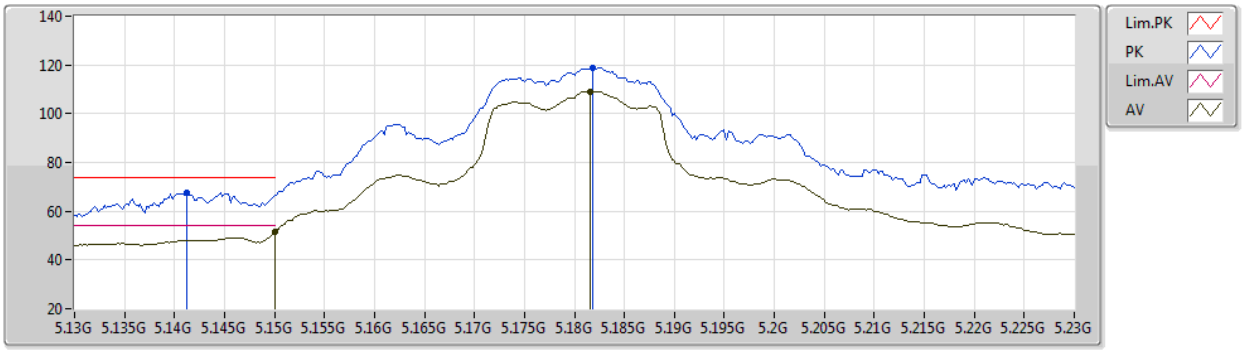
Summary

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_Nss1,(MCS0)_4TX	Pass	PK	5.65G	68.09	68.20	-0.11	3	Vertical	317	1.80	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

05/06/2021



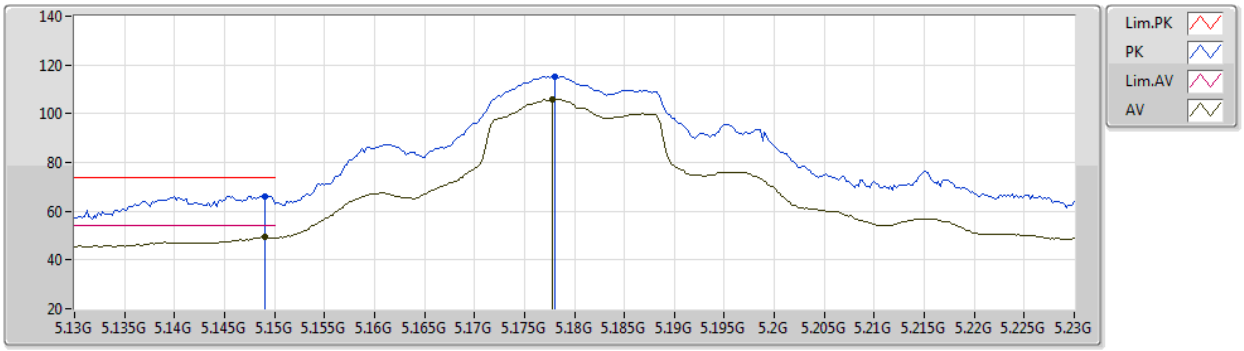
EUT Y_4TX
Setting 98
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1412G	67.83	74.00	-6.17	62.68	3	Vertical	210	1.80	-	34.06	6.43	35.34
AV	5.15G	51.45	54.00	-2.55	46.25	3	Vertical	210	1.80	-	34.10	6.43	35.33
PK	5.1818G	118.91	Inf	-Inf	113.75	3	Vertical	210	1.80	-	34.04	6.41	35.29
AV	5.1816G	109.22	Inf	-Inf	104.06	3	Vertical	210	1.80	-	34.04	6.41	35.29

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

05/06/2021



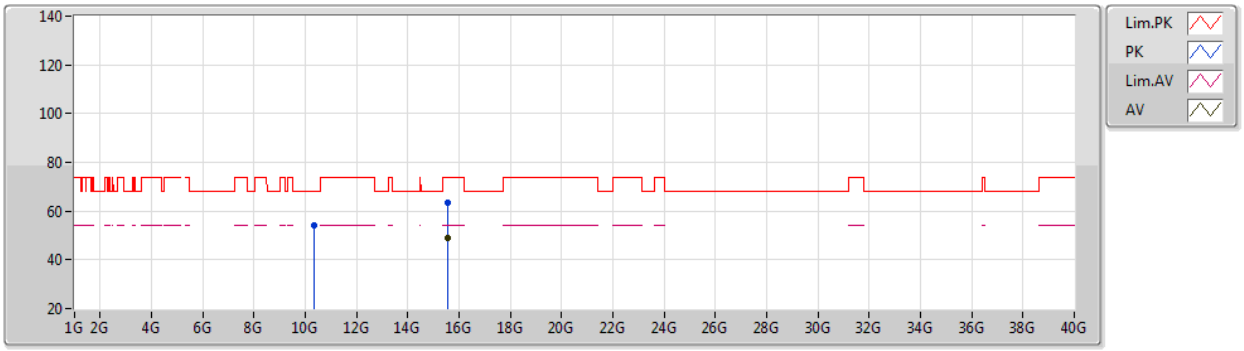
EUT Y_4TX
Setting 98
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.149G	66.17	74.00	-7.83	60.97	3	Horizontal	318	1.68	-	34.10	6.43	35.33
AV	5.149G	49.28	54.00	-4.72	44.08	3	Horizontal	318	1.68	-	34.10	6.43	35.33
PK	5.178G	115.32	Inf	-Inf	110.17	3	Horizontal	318	1.68	-	34.04	6.41	35.30
AV	5.1778G	105.98	Inf	-Inf	100.83	3	Horizontal	318	1.68	-	34.04	6.41	35.30

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

05/06/2021



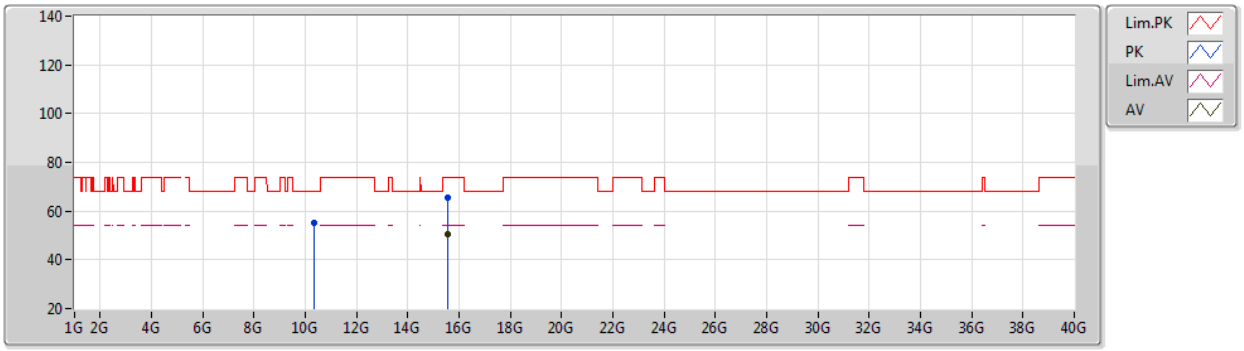
EUT Y_4TX
Setting 98
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35598G	54.38	68.20	-13.82	41.37	3	Vertical	190	2.95	-	38.30	9.67	34.96
PK	15.5409G	63.54	74.00	-10.46	48.47	3	Vertical	113	1.79	-	38.33	11.77	35.03
AV	15.54108G	49.03	54.00	-4.97	33.96	3	Vertical	113	1.79	-	38.33	11.77	35.03

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

05/06/2021



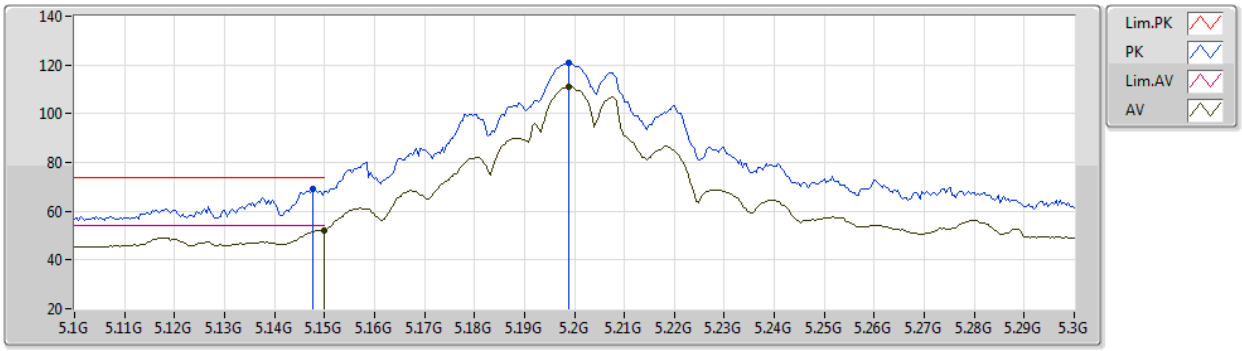
EUT Y_4TX
Setting 98
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3606G	54.94	68.20	-13.26	41.92	3	Horizontal	262	1.82	-	38.30	9.67	34.95
PK	15.54132G	65.65	74.00	-8.35	50.58	3	Horizontal	102	1.80	-	38.33	11.77	35.03
AV	15.54078G	50.47	54.00	-3.53	35.40	3	Horizontal	102	1.80	-	38.33	11.77	35.03

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

05/06/2021



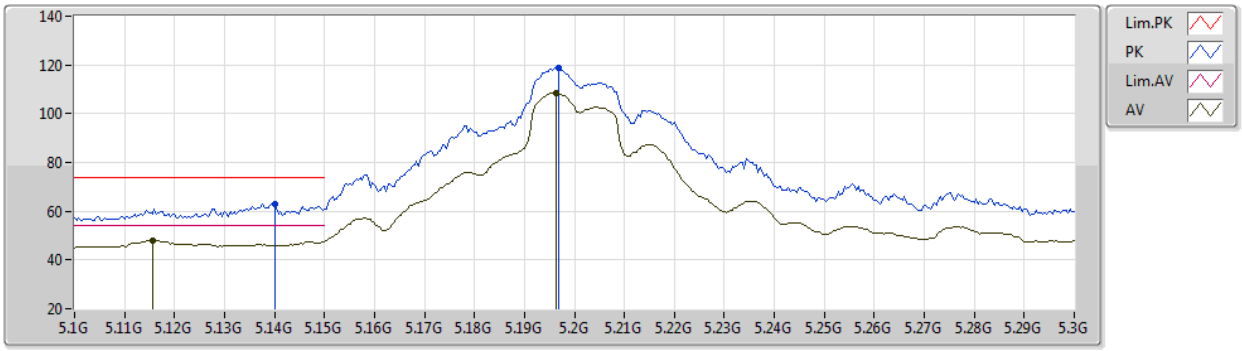
EUT Y_4TX
Setting 108
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1476G	69.07	74.00	-4.93	63.88	3	Vertical	330	1.80	-	34.09	6.43	35.33
AV	5.15G	52.24	54.00	-1.76	47.04	3	Vertical	330	1.80	-	34.10	6.43	35.33
PK	5.1988G	121.05	Inf	-Inf	115.93	3	Vertical	330	1.80	-	34.00	6.40	35.28
AV	5.1988G	111.01	Inf	-Inf	105.89	3	Vertical	330	1.80	-	34.00	6.40	35.28

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

05/06/2021



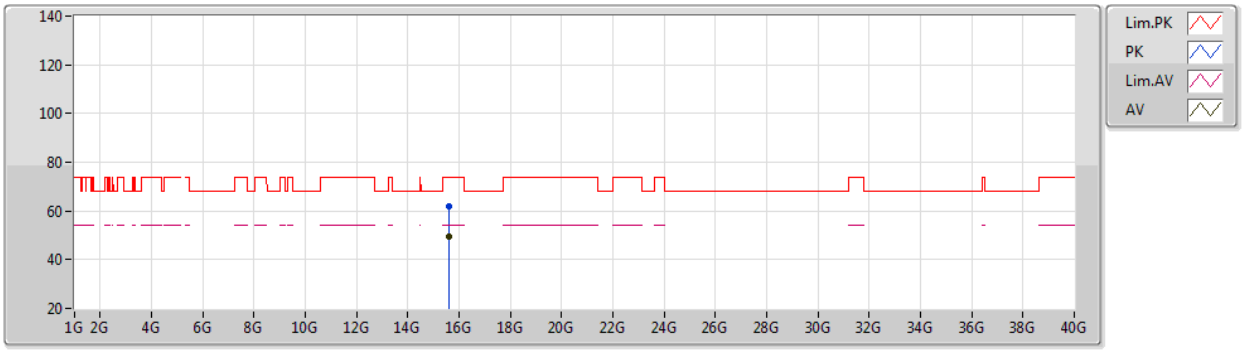
EUT Y_4TX
Setting 108
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.14G	62.94	74.00	-11.06	57.79	3	Horizontal	316	1.77	-	34.06	6.43	35.34
AV	5.1156G	47.97	54.00	-6.03	42.94	3	Horizontal	316	1.77	-	33.96	6.44	35.37
PK	5.1968G	118.72	Inf	-Inf	113.59	3	Horizontal	316	1.77	-	34.01	6.40	35.28
AV	5.1964G	108.43	Inf	-Inf	103.30	3	Horizontal	316	1.77	-	34.01	6.40	35.28

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

05/06/2021



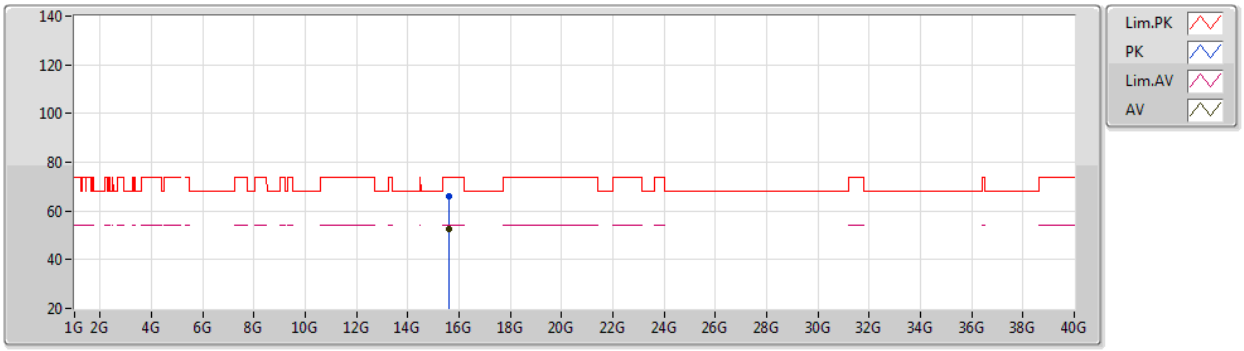
EUT Y_4TX
Setting 108
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.59094G	61.77	74.00	-12.23	47.15	3	Vertical	103	1.80	-	37.88	11.80	35.06
AV	15.60162G	49.24	54.00	-4.76	34.71	3	Vertical	103	1.80	-	37.80	11.80	35.07

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

05/06/2021



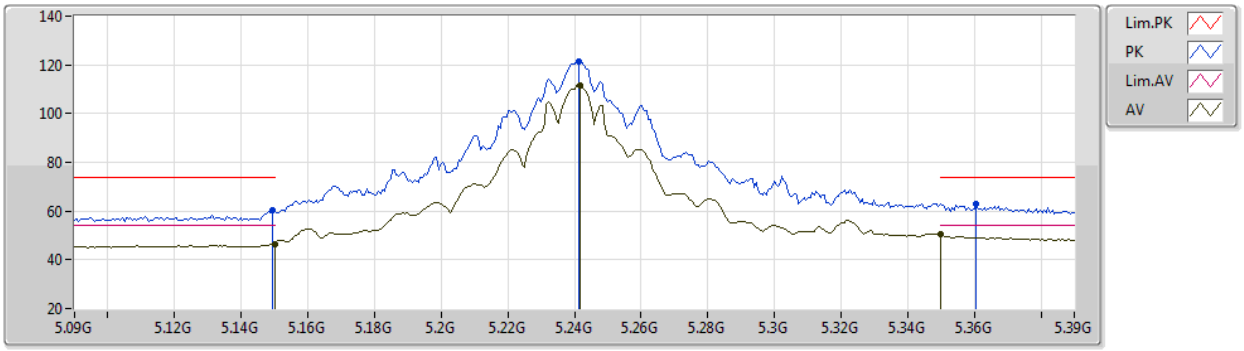
EUT Y_4TX
Setting 108
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.59958G	66.18	74.00	-7.82	51.64	3	Horizontal	106	1.83	-	37.80	11.80	35.06
AV	15.6003G	52.51	54.00	-1.49	37.97	3	Horizontal	106	1.83	-	37.80	11.80	35.06

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

05/06/2021



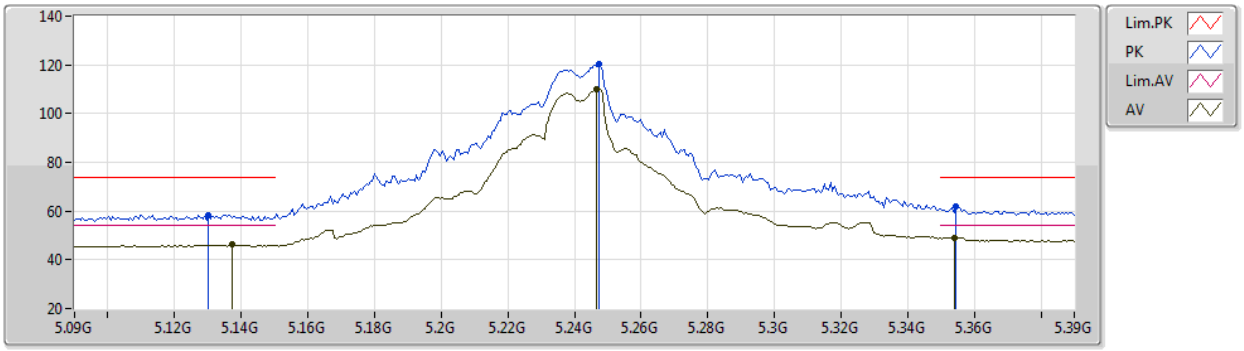
EUT Y_4TX
Setting 108
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	60.29	74.00	-13.71	55.09	3	Vertical	332	1.75	-	34.10	6.43	35.33
AV	5.15G	46.51	54.00	-7.49	41.31	3	Vertical	332	1.75	-	34.10	6.43	35.33
PK	5.2412G	121.21	Inf	-Inf	115.86	3	Vertical	332	1.75	-	34.16	6.42	35.23
AV	5.2418G	111.45	Inf	-Inf	106.09	3	Vertical	332	1.75	-	34.17	6.42	35.23
PK	5.3606G	62.77	74.00	-11.23	56.81	3	Vertical	332	1.75	-	34.58	6.48	35.10
AV	5.35G	50.38	54.00	-3.62	44.41	3	Vertical	332	1.75	-	34.60	6.48	35.11

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

05/06/2021



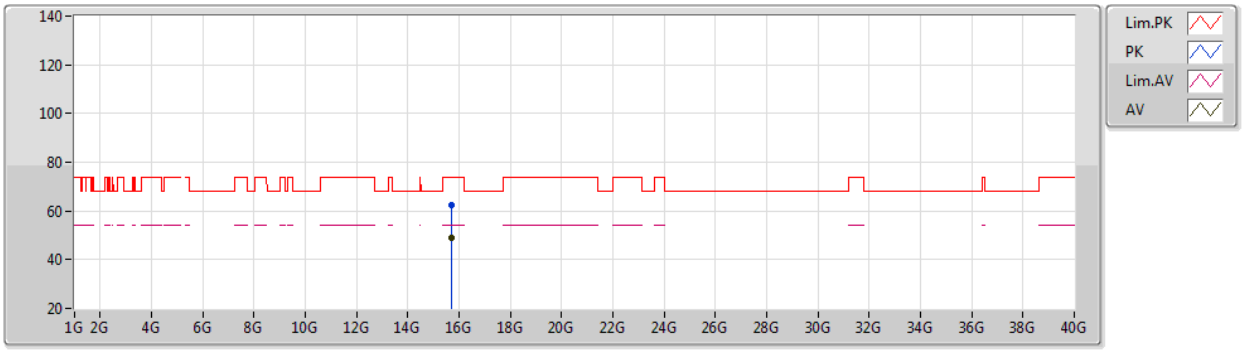
EUT Y_4TX
Setting 108
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1302G	58.33	74.00	-15.67	53.23	3	Horizontal	123	2.25	-	34.02	6.43	35.35
AV	5.1374G	46.14	54.00	-7.86	41.00	3	Horizontal	123	2.25	-	34.05	6.43	35.34
PK	5.2472G	120.22	Inf	-Inf	114.83	3	Horizontal	123	2.25	-	34.19	6.42	35.22
AV	5.2466G	109.96	Inf	-Inf	104.57	3	Horizontal	123	2.25	-	34.19	6.42	35.22
PK	5.3546G	61.80	74.00	-12.20	55.84	3	Horizontal	123	2.25	-	34.59	6.48	35.11
AV	5.354G	49.13	54.00	-4.87	43.17	3	Horizontal	123	2.25	-	34.59	6.48	35.11

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

05/06/2021



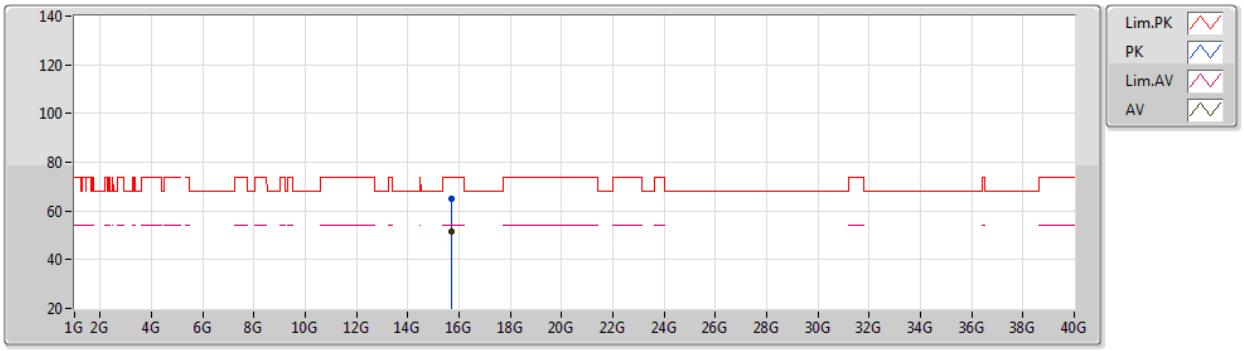
EUT Y_4TX
Setting 108
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.7236G	62.39	74.00	-11.61	47.69	3	Vertical	147	1.80	-	37.98	11.86	35.14
AV	15.7239G	48.92	54.00	-5.08	34.22	3	Vertical	147	1.80	-	37.98	11.86	35.14

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

05/06/2021



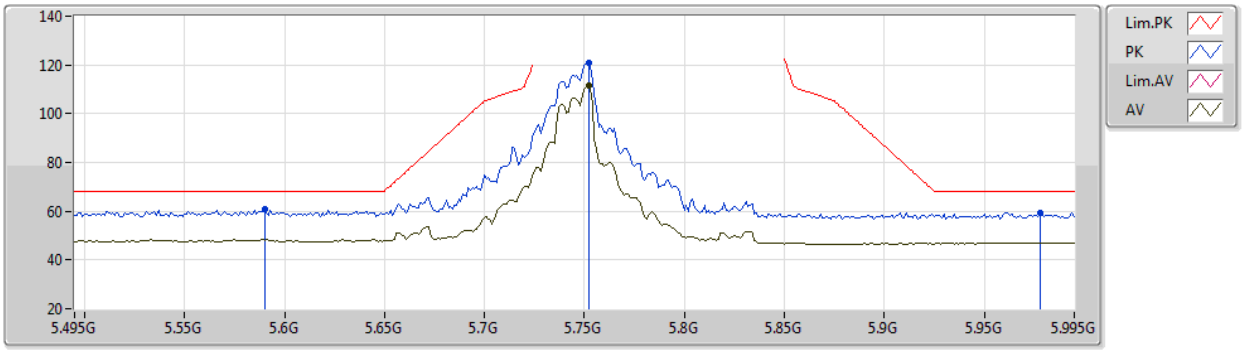
EUT Y_4TX
Setting 108
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.7239G	64.96	74.00	-9.04	50.26	3	Horizontal	123	1.74	-	37.98	11.86	35.14
AV	15.7248G	51.34	54.00	-2.66	36.64	3	Horizontal	123	1.74	-	37.98	11.86	35.14

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

05/06/2021



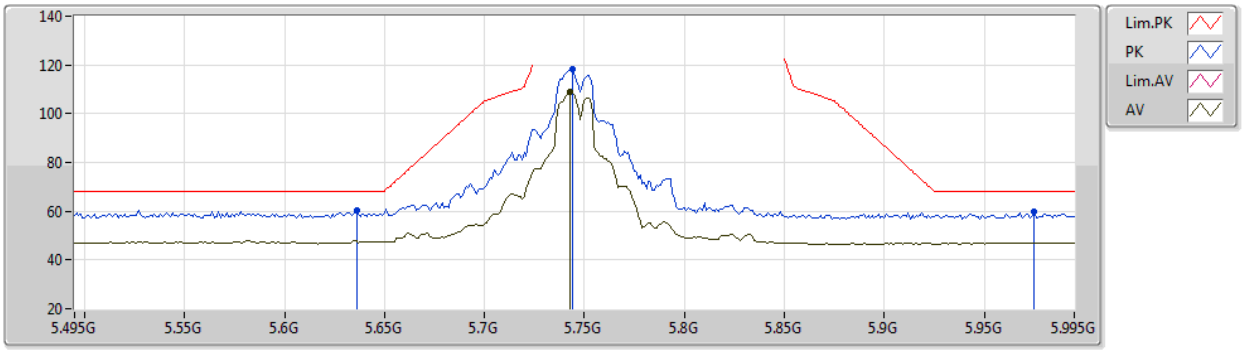
EUT Y_4TX
Setting 100
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.59G	60.73	68.20	-7.47	54.45	3	Vertical	268	1.75	-	34.44	6.78	34.94
PK	5.752G	120.81	Inf	-Inf	114.46	3	Vertical	268	1.75	-	34.40	6.88	34.93
AV	5.752G	111.35	Inf	-Inf	105.00	3	Vertical	268	1.75	-	34.40	6.88	34.93
PK	5.978G	59.36	68.20	-8.84	52.63	3	Vertical	268	1.75	-	34.66	6.99	34.92

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

05/06/2021



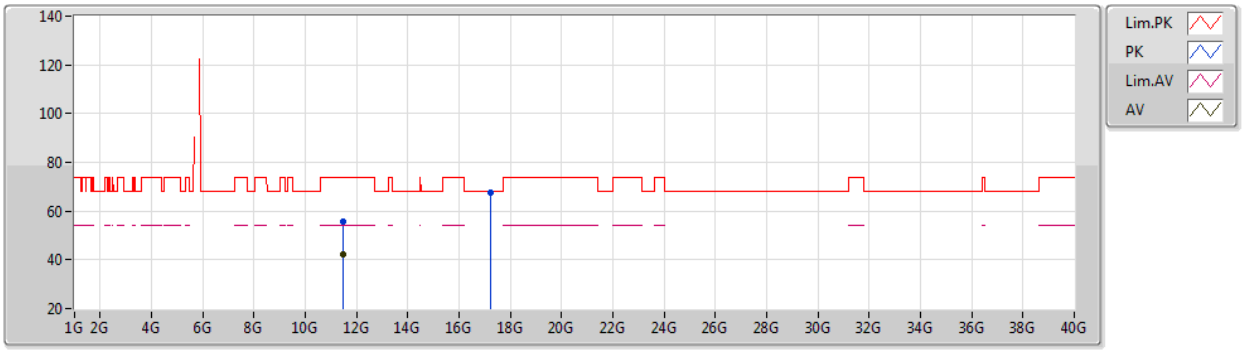
EUT Y_4TX
Setting 100
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.636G	60.46	68.20	-7.74	54.18	3	Horizontal	82	1.09	-	34.40	6.82	34.94
PK	5.744G	118.27	Inf	-Inf	111.94	3	Horizontal	82	1.09	-	34.40	6.87	34.94
AV	5.743G	109.04	Inf	-Inf	102.71	3	Horizontal	82	1.09	-	34.40	6.87	34.94
PK	5.975G	59.60	68.20	-8.60	52.88	3	Horizontal	82	1.09	-	34.65	6.99	34.92

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

05/06/2021



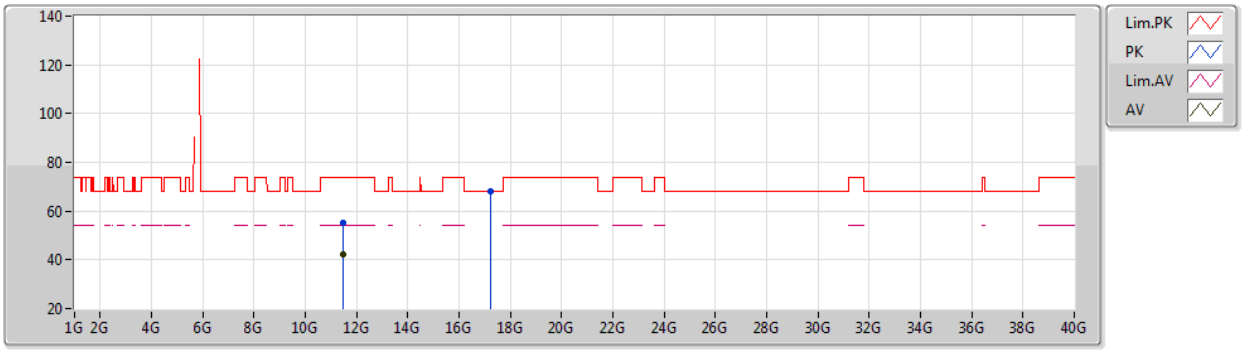
EUT Y_4TX
Setting 100
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4756G	55.46	74.00	-18.54	41.05	3	Vertical	202	1.98	-	39.15	9.90	34.64
AV	11.47626G	42.30	54.00	-11.70	27.89	3	Vertical	202	1.98	-	39.15	9.90	34.64
PK	17.23224G	67.69	68.20	-0.51	49.04	3	Vertical	8	1.68	-	40.80	12.43	34.58

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

05/06/2021



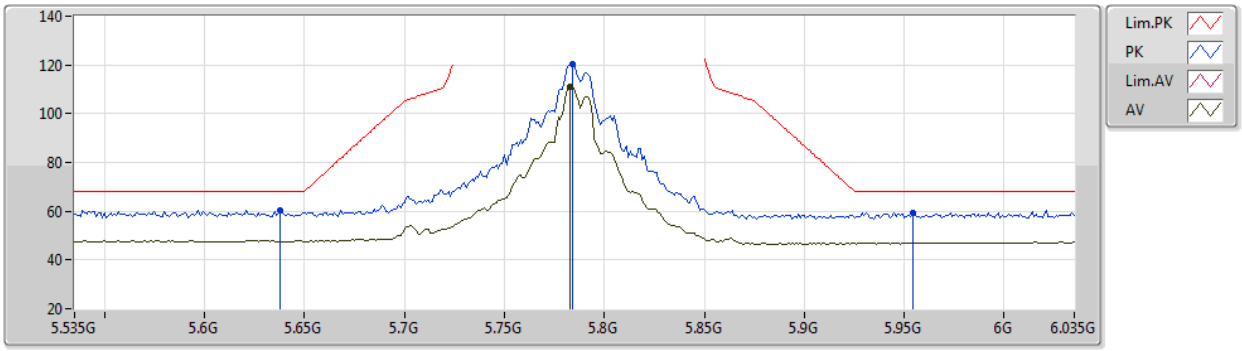
EUT Y_4TX
Setting 100
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48544G	55.36	74.00	-18.64	40.94	3	Horizontal	112	2.95	-	39.17	9.90	34.65
AV	11.48802G	42.16	54.00	-11.84	27.73	3	Horizontal	112	2.95	-	39.18	9.90	34.65
PK	17.22702G	67.97	68.20	-0.23	49.34	3	Horizontal	68	1.80	-	40.78	12.43	34.58

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

05/06/2021



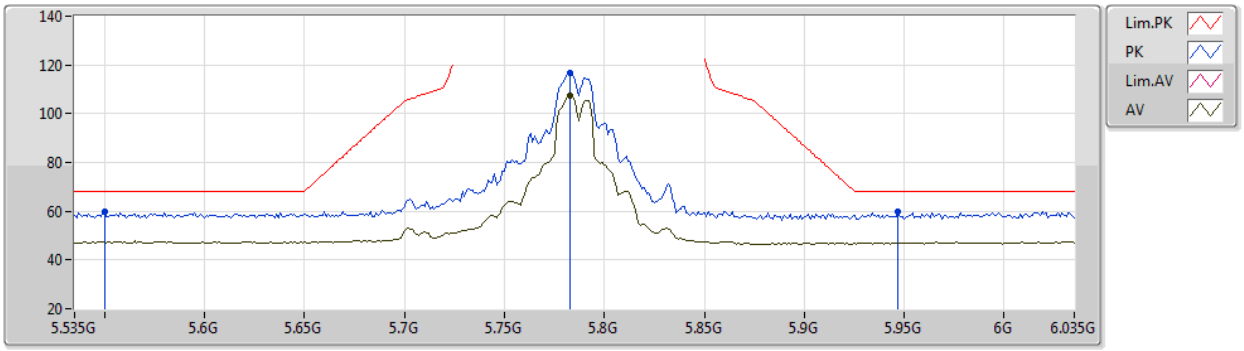
EUT Y_4TX
Setting 100
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.638G	60.32	68.20	-7.88	54.04	3	Vertical	316	2.27	-	34.40	6.82	34.94
PK	5.784G	120.14	Inf	-Inf	113.78	3	Vertical	316	2.27	-	34.40	6.89	34.93
AV	5.783G	111.06	Inf	-Inf	104.70	3	Vertical	316	2.27	-	34.40	6.89	34.93
PK	5.954G	59.51	68.20	-8.69	52.84	3	Vertical	316	2.27	-	34.61	6.98	34.92

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

05/06/2021



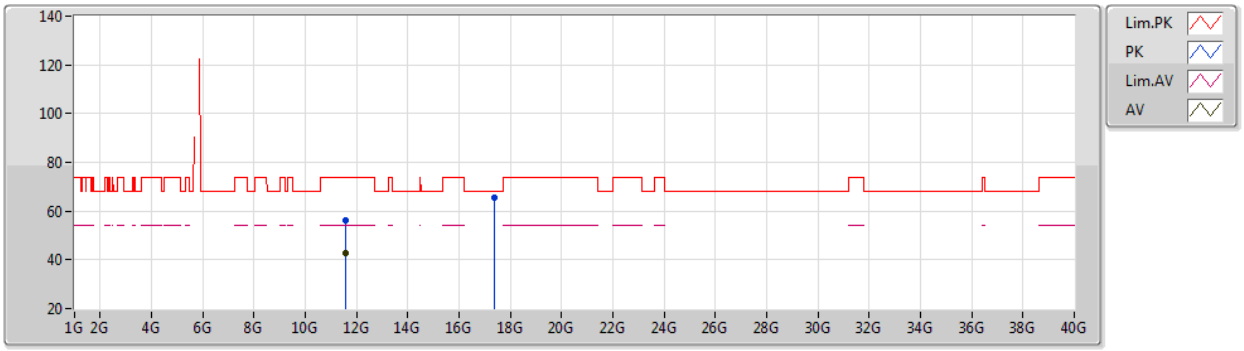
EUT Y_4TX
Setting 100
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.55G	59.71	68.20	-8.49	53.34	3	Horizontal	76	1.13	-	34.60	6.72	34.95
PK	5.783G	116.78	Inf	-Inf	110.42	3	Horizontal	76	1.13	-	34.40	6.89	34.93
AV	5.783G	107.65	Inf	-Inf	101.29	3	Horizontal	76	1.13	-	34.40	6.89	34.93
PK	5.947G	59.71	68.20	-8.49	53.05	3	Horizontal	76	1.13	-	34.61	6.97	34.92

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

05/06/2021



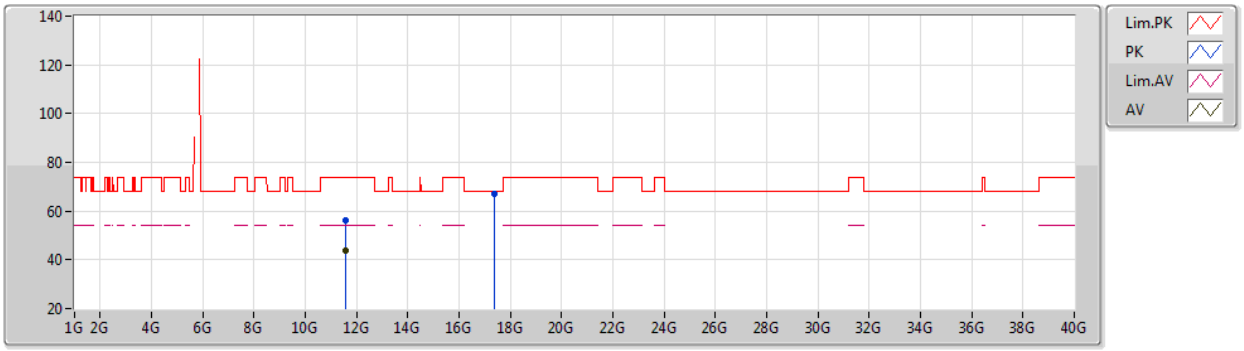
EUT Y_4TX
Setting 100
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.58104G	56.15	74.00	-17.85	41.38	3	Vertical	6	1.13	-	39.52	9.92	34.67
AV	11.5592G	42.71	54.00	-11.29	28.02	3	Vertical	6	1.13	-	39.44	9.91	34.66
PK	17.3547G	65.32	68.20	-2.88	45.97	3	Vertical	14	1.89	-	41.44	12.47	34.56

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

05/06/2021



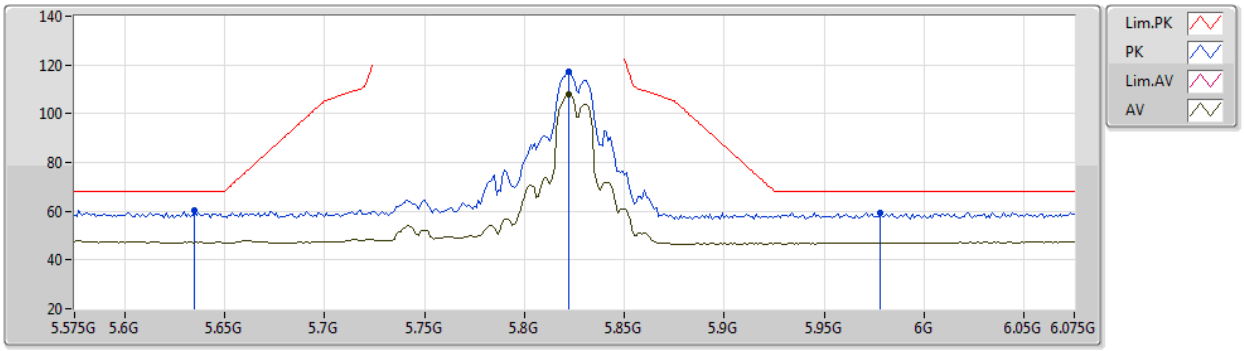
EUT Y_4TX
Setting 100
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56796G	56.44	74.00	-17.56	41.73	3	Horizontal	188	1.83	-	39.47	9.91	34.67
AV	11.56616G	43.79	54.00	-10.21	29.09	3	Horizontal	188	1.83	-	39.46	9.91	34.67
PK	17.36256G	67.24	68.20	-0.96	47.82	3	Horizontal	129	1.82	-	41.50	12.48	34.56

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

05/06/2021



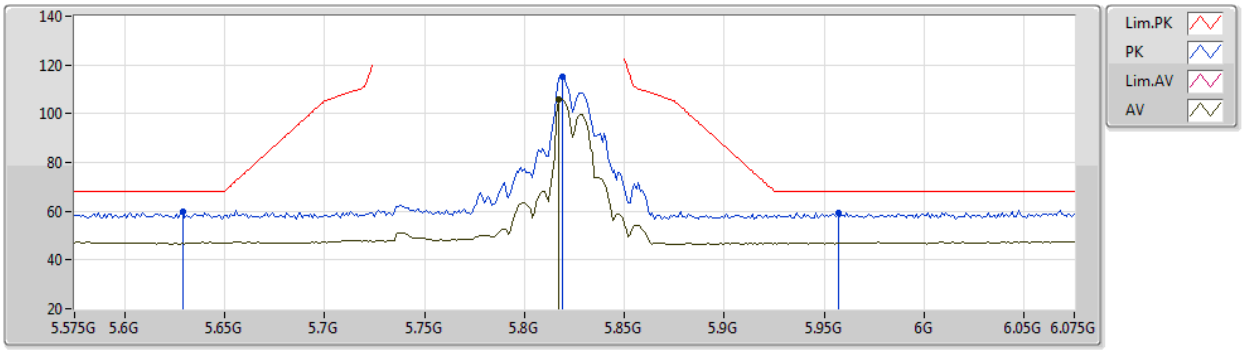
EUT Y_4TX
Setting 96
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.635G	60.25	68.20	-7.95	53.97	3	Vertical	296	2.07	-	34.40	6.82	34.94
PK	5.822G	117.17	Inf	-Inf	110.79	3	Vertical	296	2.07	-	34.40	6.91	34.93
AV	5.822G	107.79	Inf	-Inf	101.41	3	Vertical	296	2.07	-	34.40	6.91	34.93
PK	5.978G	59.31	68.20	-8.89	52.58	3	Vertical	296	2.07	-	34.66	6.99	34.92

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

05/06/2021



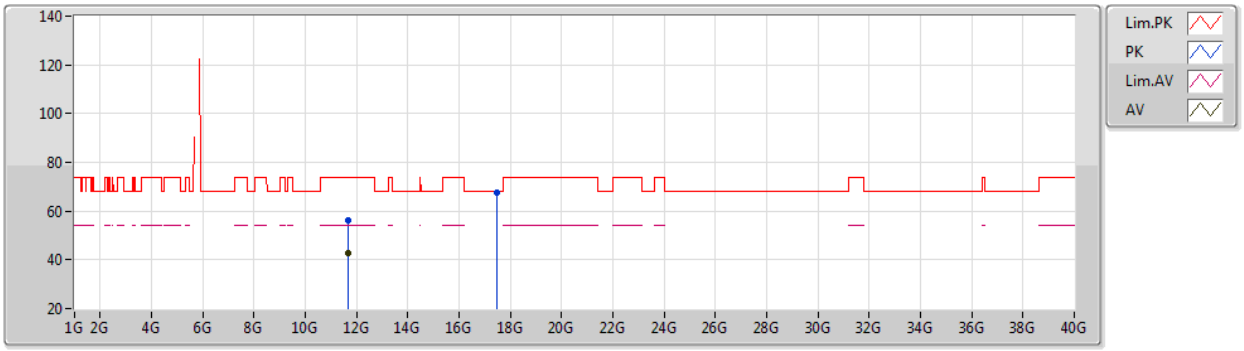
EUT Y_4TX
Setting 96
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.629G	59.73	68.20	-8.47	53.46	3	Horizontal	76	1.80	-	34.40	6.81	34.94
PK	5.819G	115.02	Inf	-Inf	108.64	3	Horizontal	76	1.80	-	34.40	6.91	34.93
AV	5.817G	105.97	Inf	-Inf	99.59	3	Horizontal	76	1.80	-	34.40	6.91	34.93
PK	5.957G	59.34	68.20	-8.86	52.67	3	Horizontal	76	1.80	-	34.61	6.98	34.92

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

05/06/2021



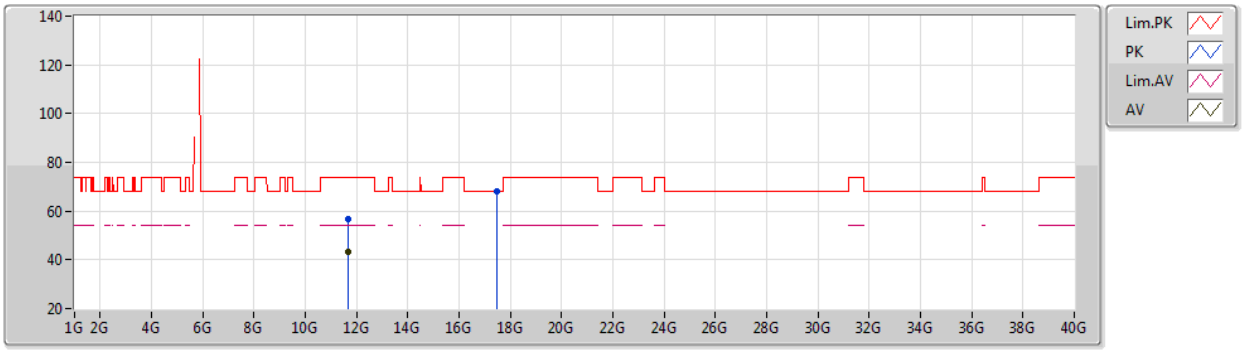
EUT Y_4TX
Setting 96
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65594G	56.05	74.00	-17.95	41.21	3	Vertical	55	1.26	-	39.60	9.93	34.69
AV	11.65018G	42.80	54.00	-11.20	27.96	3	Vertical	55	1.26	-	39.60	9.93	34.69
PK	17.47452G	67.36	68.20	-0.84	47.14	3	Vertical	9	2.53	-	42.25	12.52	34.55

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

05/06/2021



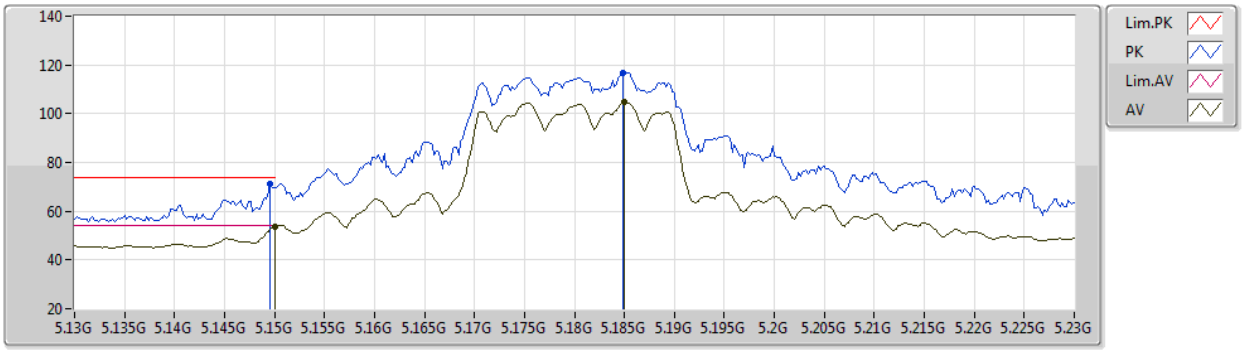
EUT Y_4TX
Setting 96
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65678G	56.65	74.00	-17.35	41.81	3	Horizontal	347	2.06	-	39.60	9.93	34.69
AV	11.65462G	43.06	54.00	-10.94	28.22	3	Horizontal	347	2.06	-	39.60	9.93	34.69
PK	17.46852G	68.02	68.20	-0.18	47.85	3	Horizontal	58	1.80	-	42.21	12.51	34.55

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

05/06/2021



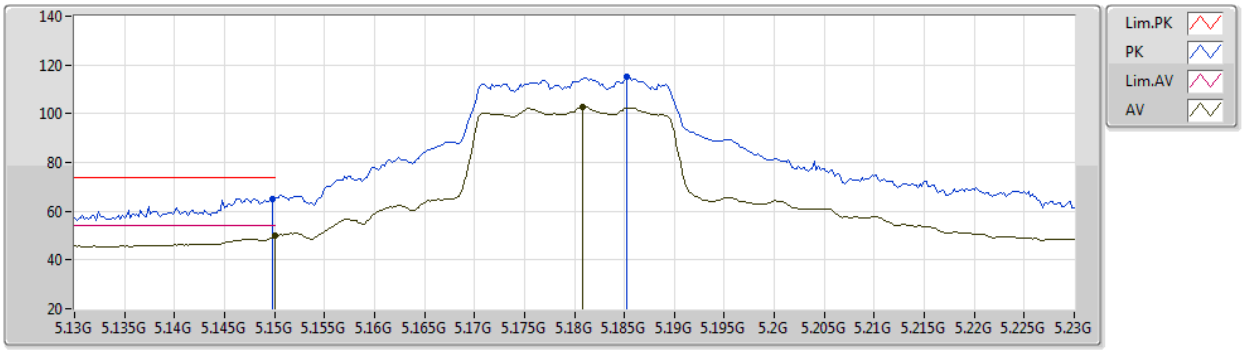
EUT Y_4TX
Setting 86
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	71.13	74.00	-2.87	65.93	3	Vertical	332	1.80	-	34.10	6.43	35.33
AV	5.15G	53.80	54.00	-0.20	48.60	3	Vertical	332	1.80	-	34.10	6.43	35.33
PK	5.1848G	116.66	Inf	-Inf	111.51	3	Vertical	332	1.80	-	34.03	6.41	35.29
AV	5.185G	104.92	Inf	-Inf	99.77	3	Vertical	332	1.80	-	34.03	6.41	35.29

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

05/06/2021



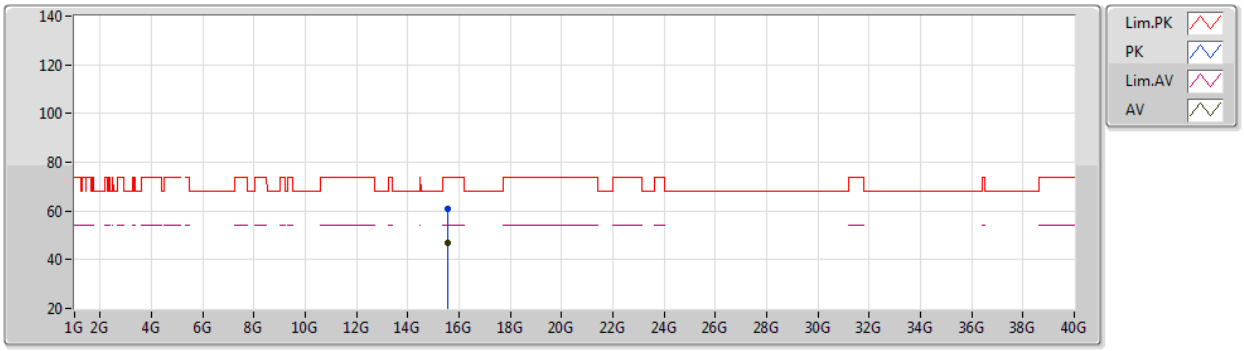
EUT Y_4TX
Setting 86
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1498G	64.98	74.00	-9.02	59.78	3	Horizontal	358	2.49	-	34.10	6.43	35.33
AV	5.15G	49.75	54.00	-4.25	44.55	3	Horizontal	358	2.49	-	34.10	6.43	35.33
PK	5.1852G	115.05	Inf	-Inf	109.90	3	Horizontal	358	2.49	-	34.03	6.41	35.29
AV	5.1808G	102.94	Inf	-Inf	97.78	3	Horizontal	358	2.49	-	34.04	6.41	35.29

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

05/06/2021



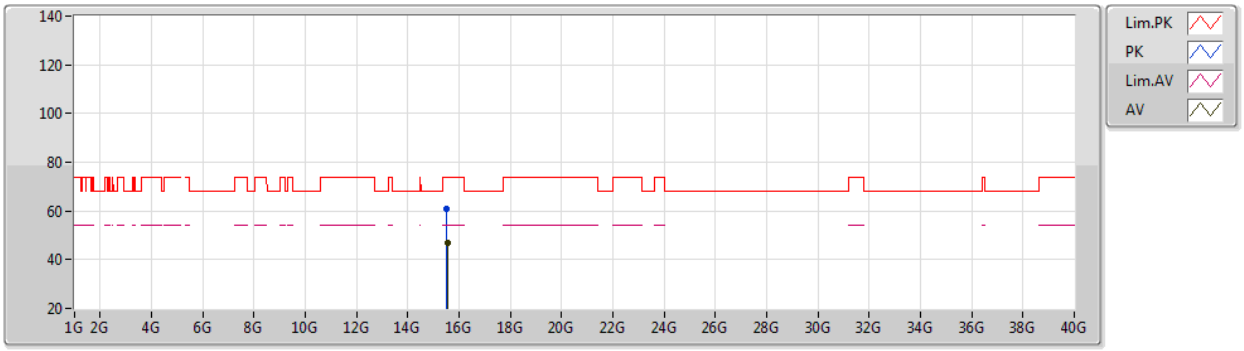
EUT Y_4TX
Setting 86
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.5409G	60.87	74.00	-13.13	45.80	3	Vertical	354	2.93	-	38.33	11.77	35.03
AV	15.53496G	47.00	54.00	-7.00	31.86	3	Vertical	354	2.93	-	38.39	11.77	35.02

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

05/06/2021



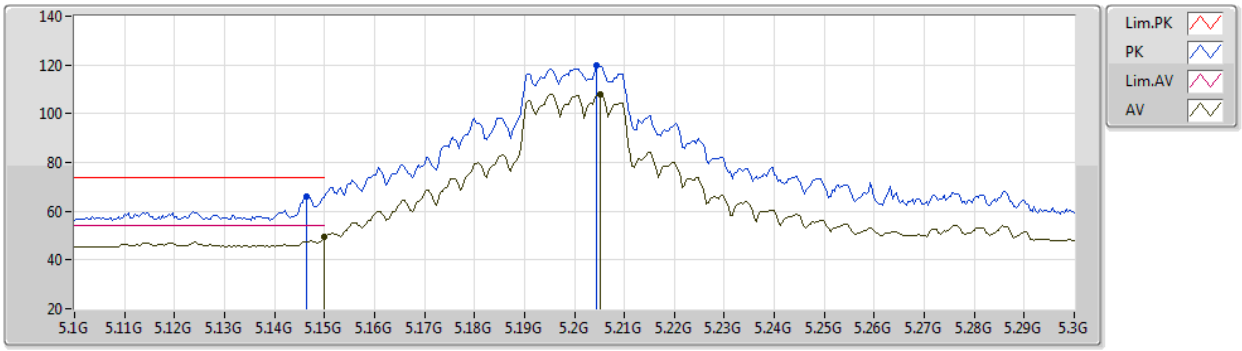
EUT Y_4TX
Setting 86
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.53118G	61.03	74.00	-12.97	45.86	3	Horizontal	96	1.80	-	38.42	11.77	35.02
AV	15.546G	47.13	54.00	-6.87	32.10	3	Horizontal	96	1.80	-	38.29	11.77	35.03

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

05/06/2021



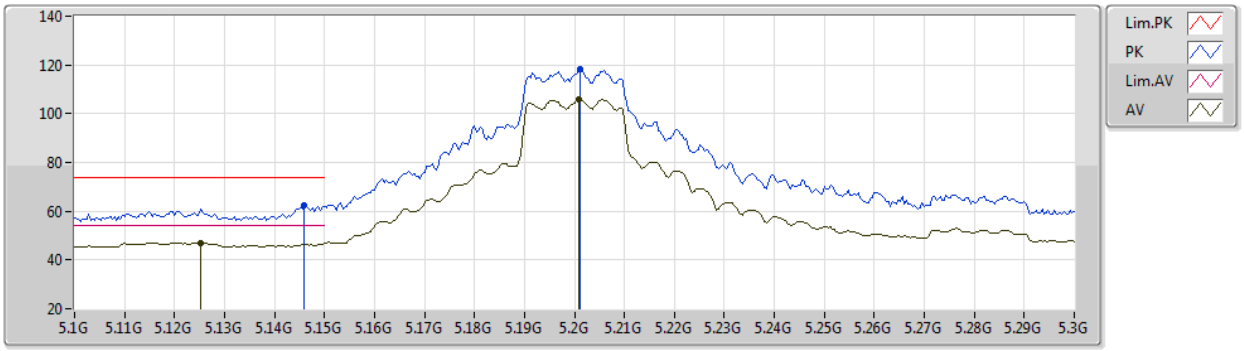
EUT Y_4TX
Setting 99
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1464G	66.03	74.00	-7.97	60.84	3	Vertical	331	1.91	-	34.09	6.43	35.33
AV	5.15G	49.32	54.00	-4.68	44.12	3	Vertical	331	1.91	-	34.10	6.43	35.33
PK	5.2044G	119.68	Inf	-Inf	114.53	3	Vertical	331	1.91	-	34.02	6.40	35.27
AV	5.2052G	108.10	Inf	-Inf	102.95	3	Vertical	331	1.91	-	34.02	6.40	35.27

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

05/06/2021



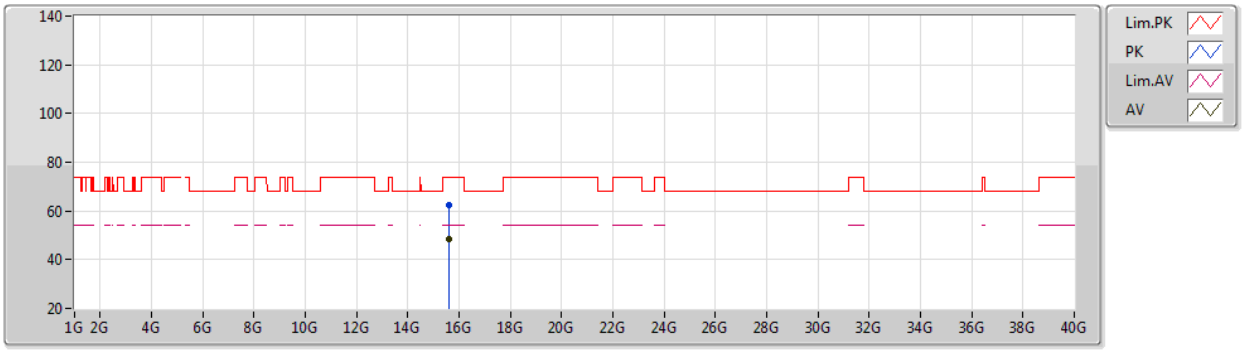
EUT Y_4TX
Setting 99
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.146G	62.31	74.00	-11.69	57.13	3	Horizontal	353	2.24	-	34.08	6.43	35.33
AV	5.1252G	47.15	54.00	-6.85	42.06	3	Horizontal	353	2.24	-	34.00	6.44	35.35
PK	5.2012G	118.18	Inf	-Inf	113.05	3	Horizontal	353	2.24	-	34.00	6.40	35.27
AV	5.2008G	106.10	Inf	-Inf	100.97	3	Horizontal	353	2.24	-	34.00	6.40	35.27

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

05/06/2021



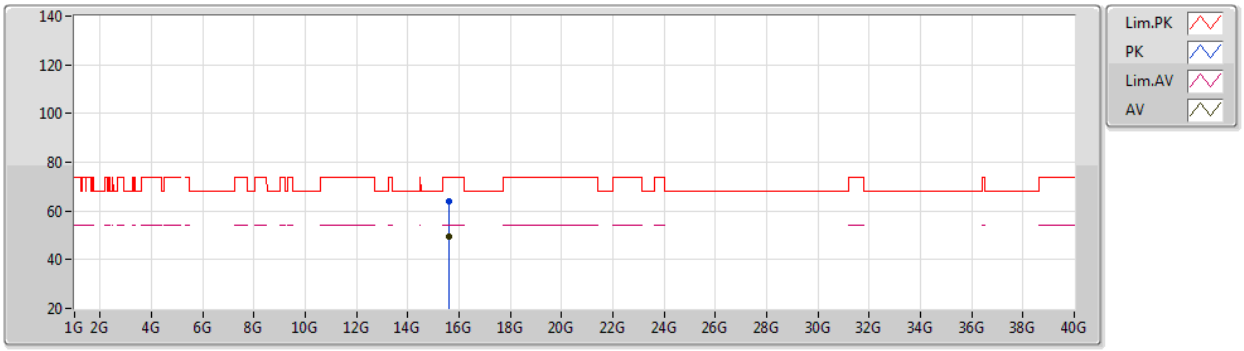
EUT Y_4TX
Setting 99
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.58878G	62.22	74.00	-11.78	47.59	3	Vertical	107	1.79	-	37.90	11.79	35.06
AV	15.59124G	48.29	54.00	-5.71	33.67	3	Vertical	107	1.79	-	37.88	11.80	35.06

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

05/06/2021



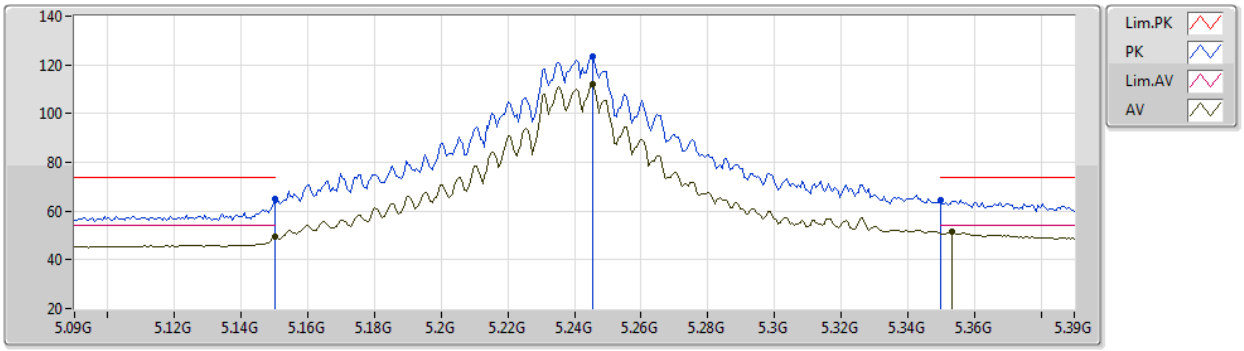
EUT Y_4TX
Setting 99
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.61296G	63.85	74.00	-10.15	49.28	3	Horizontal	63	1.80	-	37.83	11.81	35.07
AV	15.5889G	49.28	54.00	-4.72	34.65	3	Horizontal	63	1.80	-	37.90	11.79	35.06

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

05/06/2021



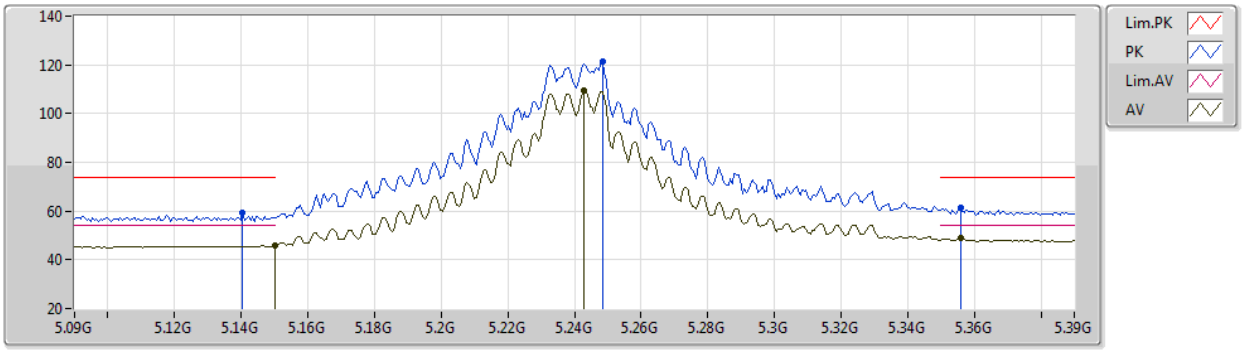
EUT Y_4TX
Setting 108
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	64.76	74.00	-9.24	59.56	3	Vertical	331	1.76	-	34.10	6.43	35.33
AV	5.15G	49.35	54.00	-4.65	44.15	3	Vertical	331	1.76	-	34.10	6.43	35.33
PK	5.2454G	123.23	Inf	-Inf	117.85	3	Vertical	331	1.76	-	34.18	6.42	35.22
AV	5.2454G	112.05	Inf	-Inf	106.67	3	Vertical	331	1.76	-	34.18	6.42	35.22
PK	5.35G	64.74	74.00	-9.26	58.77	3	Vertical	331	1.76	-	34.60	6.48	35.11
AV	5.3534G	51.56	54.00	-2.44	45.60	3	Vertical	331	1.76	-	34.59	6.48	35.11

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

05/06/2021



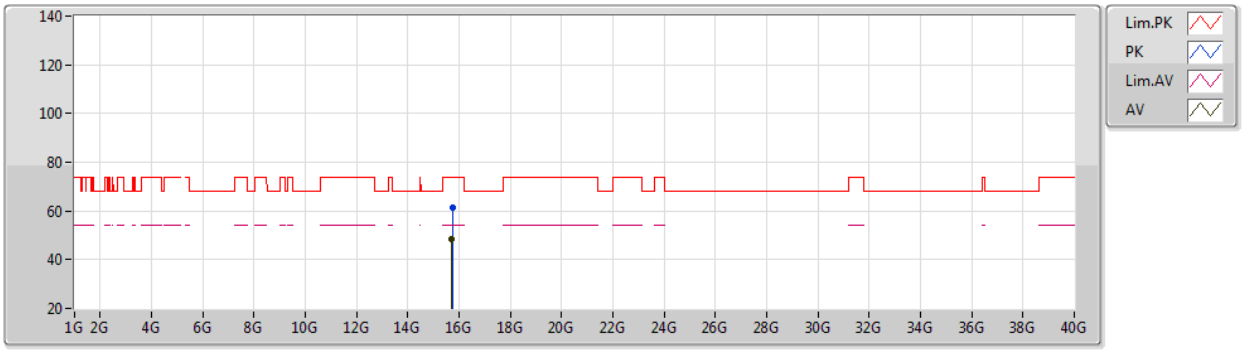
EUT Y_4TX
Setting 108
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1404G	59.17	74.00	-14.83	54.02	3	Horizontal	124	2.32	-	34.06	6.43	35.34
AV	5.15G	45.69	54.00	-8.31	40.49	3	Horizontal	124	2.32	-	34.10	6.43	35.33
PK	5.2484G	121.33	Inf	-Inf	115.94	3	Horizontal	124	2.32	-	34.19	6.42	35.22
AV	5.243G	109.41	Inf	-Inf	104.05	3	Horizontal	124	2.32	-	34.17	6.42	35.23
PK	5.3558G	61.54	74.00	-12.46	55.58	3	Horizontal	124	2.32	-	34.59	6.48	35.11
AV	5.3558G	48.89	54.00	-5.11	42.93	3	Horizontal	124	2.32	-	34.59	6.48	35.11

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

05/06/2021



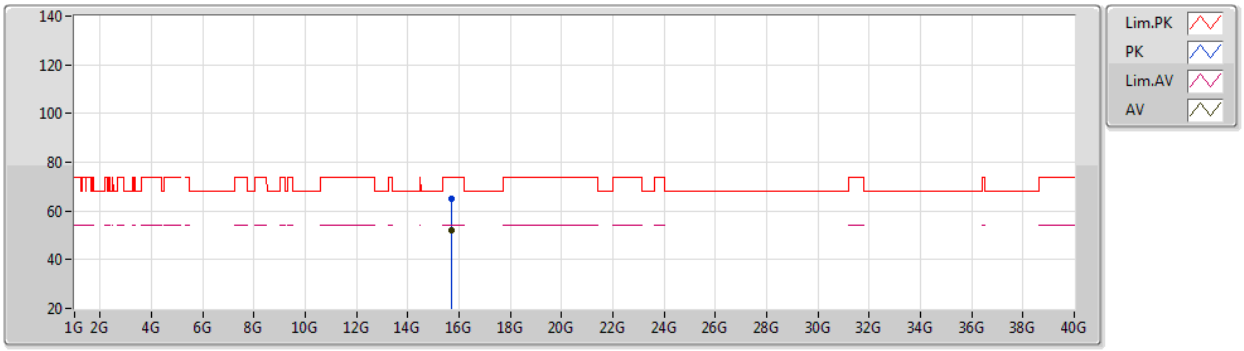
EUT Y_4TX
Setting 108
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.73062G	61.57	74.00	-12.43	46.88	3	Vertical	309	1.73	-	37.97	11.87	35.15
AV	15.7206G	48.64	54.00	-5.36	33.94	3	Vertical	309	1.73	-	37.98	11.86	35.14

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

05/06/2021



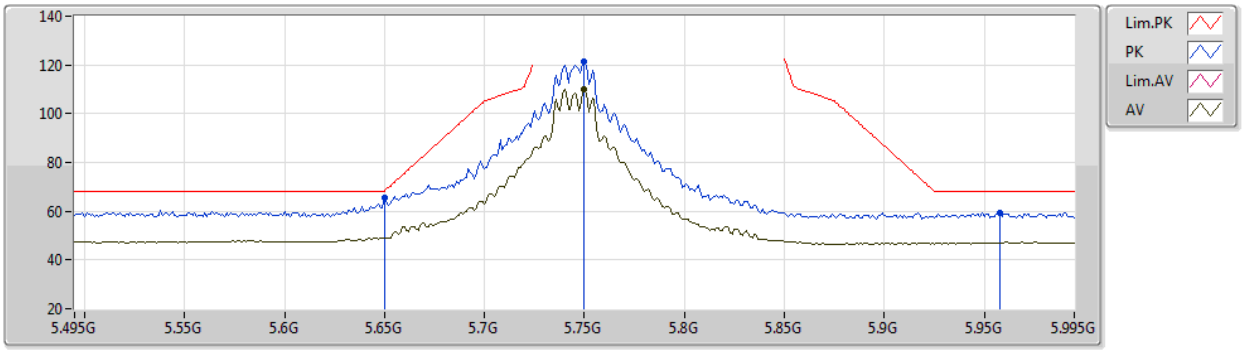
EUT Y_4TX
Setting 108
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.72066G	64.81	74.00	-9.19	50.11	3	Horizontal	89	1.90	-	37.98	11.86	35.14
AV	15.7209G	51.87	54.00	-2.13	37.17	3	Horizontal	89	1.90	-	37.98	11.86	35.14

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

05/06/2021



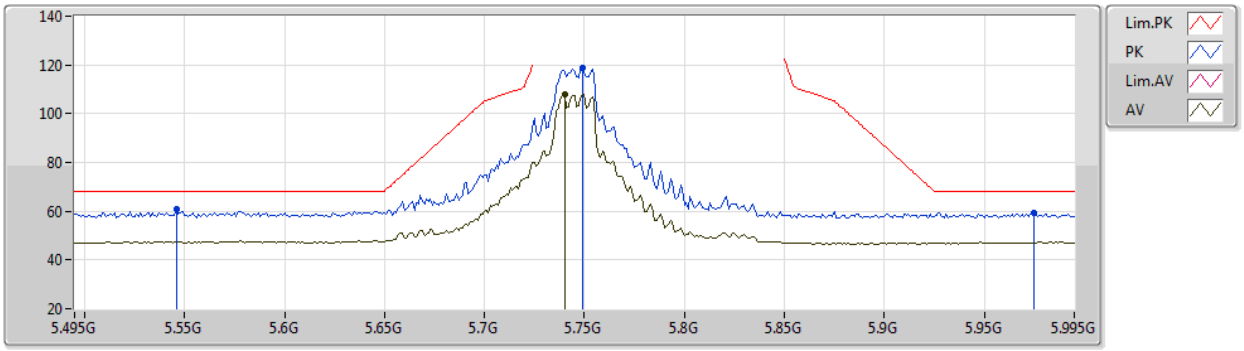
EUT Y_4TX
Setting 99
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	65.65	68.20	-2.55	59.36	3	Vertical	319	2.58	-	34.40	6.83	34.94
PK	5.75G	121.18	Inf	-Inf	114.85	3	Vertical	319	2.58	-	34.40	6.87	34.94
AV	5.75G	110.13	Inf	-Inf	103.80	3	Vertical	319	2.58	-	34.40	6.87	34.94
PK	5.958G	59.55	68.20	-8.65	52.87	3	Vertical	319	2.58	-	34.62	6.98	34.92

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

05/06/2021



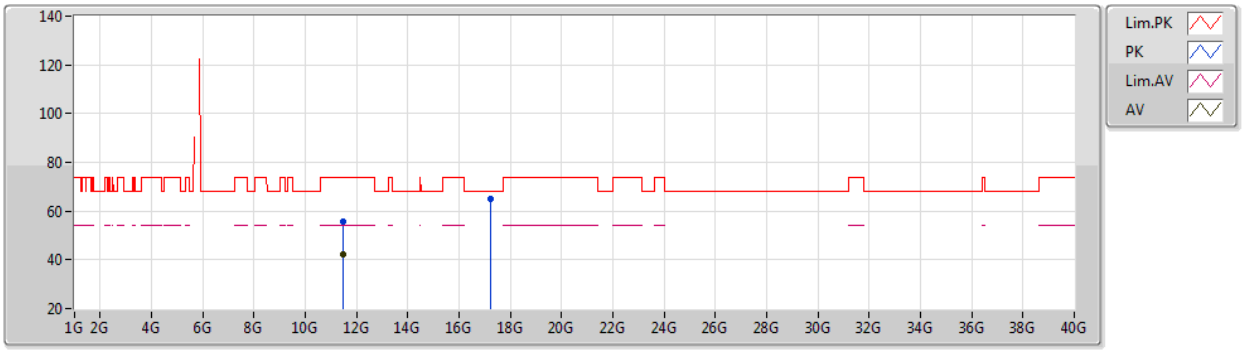
EUT Y_4TX
Setting 99
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.546G	60.97	68.20	-7.23	54.60	3	Horizontal	83	1.07	-	34.60	6.72	34.95
PK	5.749G	118.81	Inf	-Inf	112.48	3	Horizontal	83	1.07	-	34.40	6.87	34.94
AV	5.74G	108.01	Inf	-Inf	101.68	3	Horizontal	83	1.07	-	34.40	6.87	34.94
PK	5.975G	59.39	68.20	-8.81	52.67	3	Horizontal	83	1.07	-	34.65	6.99	34.92

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

05/06/2021



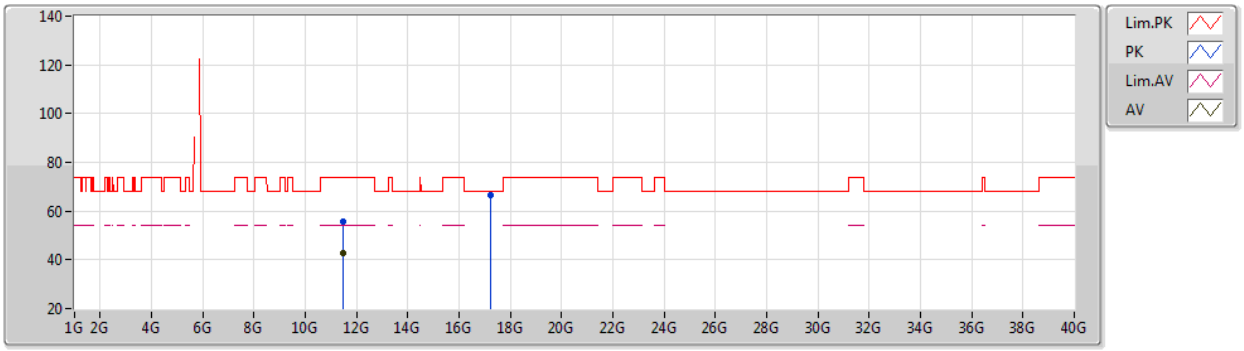
EUT Y_4TX
Setting 99
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49288G	55.53	74.00	-18.47	41.09	3	Vertical	279	2.39	-	39.19	9.90	34.65
AV	11.48934G	42.28	54.00	-11.72	27.85	3	Vertical	279	2.39	-	39.18	9.90	34.65
PK	17.2314G	64.85	68.20	-3.35	46.21	3	Vertical	9	1.64	-	40.79	12.43	34.58

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

05/06/2021



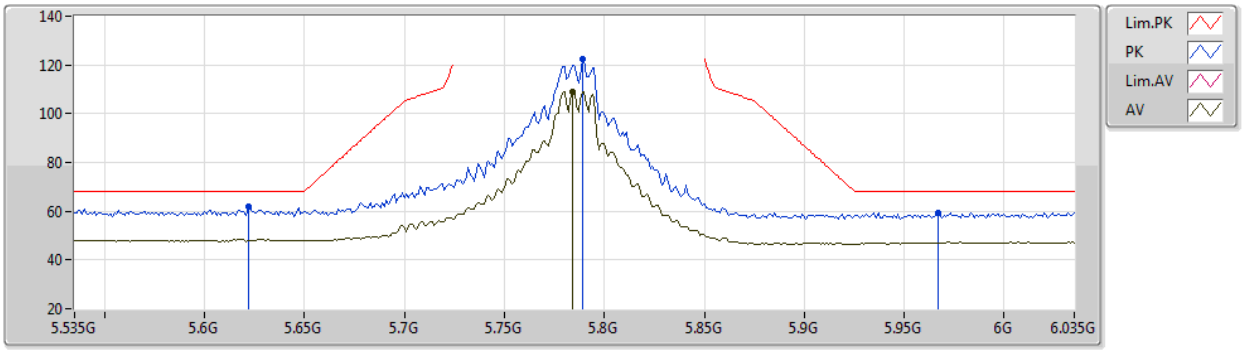
EUT Y_4TX
Setting 99
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48418G	55.60	74.00	-18.40	41.17	3	Horizontal	53	1.16	-	39.17	9.90	34.64
AV	11.4828G	42.60	54.00	-11.40	28.17	3	Horizontal	53	1.16	-	39.17	9.90	34.64
PK	17.23686G	66.75	68.20	-1.45	48.09	3	Horizontal	63	1.86	-	40.81	12.43	34.58

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

05/06/2021



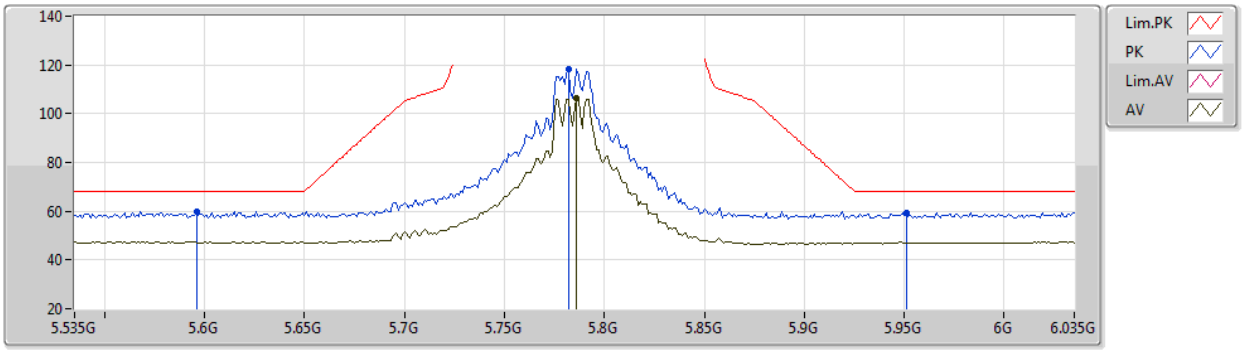
EUT Y_4TX
Setting 99
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.622G	61.77	68.20	-6.43	55.50	3	Vertical	316	1.80	-	34.40	6.81	34.94
PK	5.789G	122.61	Inf	-Inf	116.25	3	Vertical	316	1.80	-	34.40	6.89	34.93
AV	5.784G	109.07	Inf	-Inf	102.71	3	Vertical	316	1.80	-	34.40	6.89	34.93
PK	5.967G	59.32	68.20	-8.88	52.63	3	Vertical	316	1.80	-	34.63	6.98	34.92

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

05/06/2021



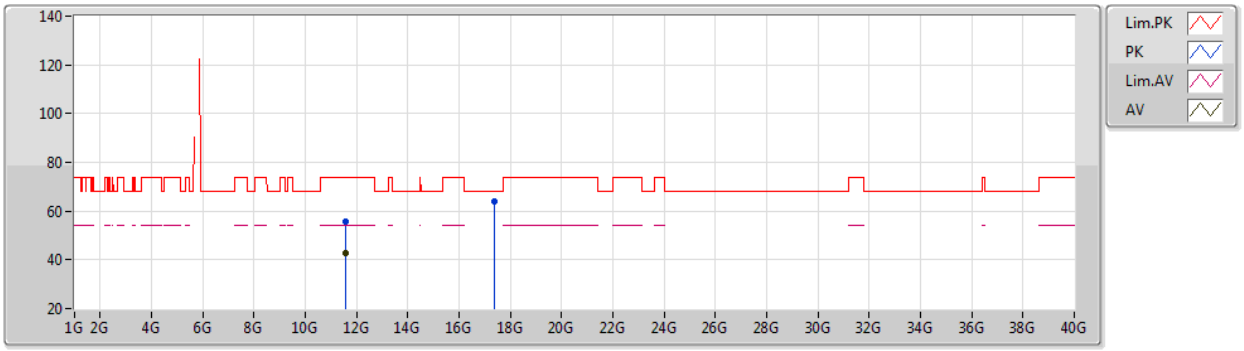
EUT Y_4TX
Setting 99
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.596G	59.89	68.20	-8.31	53.62	3	Horizontal	77	1.87	-	34.42	6.79	34.94
PK	5.782G	118.36	Inf	-Inf	112.00	3	Horizontal	77	1.87	-	34.40	6.89	34.93
AV	5.786G	106.38	Inf	-Inf	100.02	3	Horizontal	77	1.87	-	34.40	6.89	34.93
PK	5.951G	59.39	68.20	-8.81	52.73	3	Horizontal	77	1.87	-	34.60	6.98	34.92

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

05/06/2021



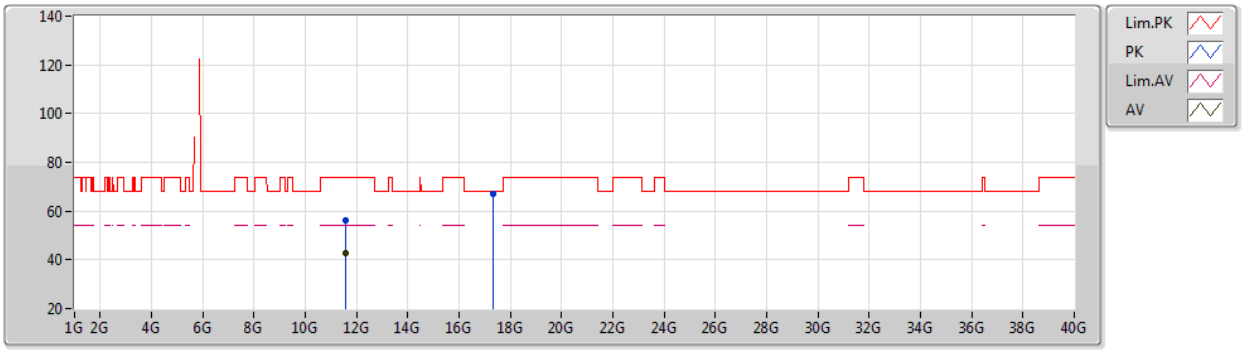
EUT Y_4TX
Setting 99
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.55776G	55.78	74.00	-18.22	41.10	3	Vertical	345	1.59	-	39.43	9.91	34.66
AV	11.56916G	42.70	54.00	-11.30	27.98	3	Vertical	345	1.59	-	39.48	9.91	34.67
PK	17.36298G	63.96	68.20	-4.24	44.54	3	Vertical	9	2.55	-	41.50	12.48	34.56

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

05/06/2021



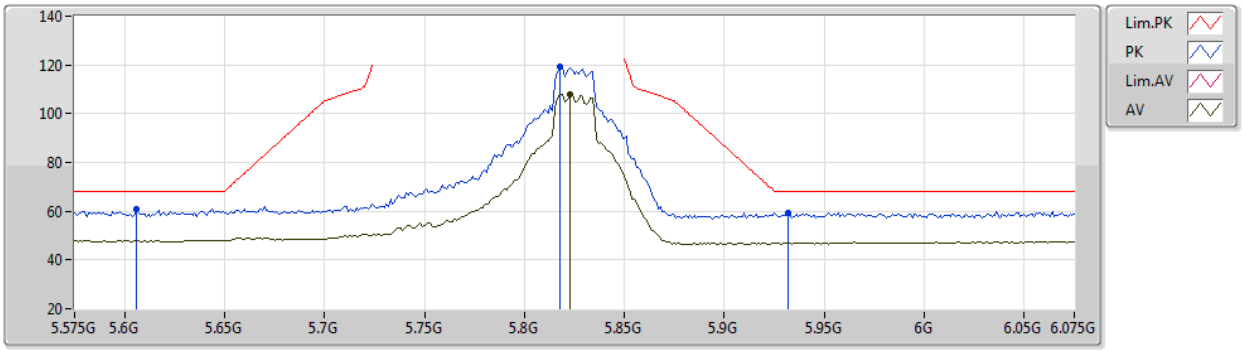
EUT Y_4TX
Setting 99
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.58164G	56.30	74.00	-17.70	41.52	3	Horizontal	42	2.14	-	39.53	9.92	34.67
AV	11.57306G	42.98	54.00	-11.02	28.25	3	Horizontal	42	2.14	-	39.49	9.91	34.67
PK	17.3466G	66.83	68.20	-1.37	47.56	3	Horizontal	62	1.85	-	41.37	12.47	34.57

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

05/06/2021



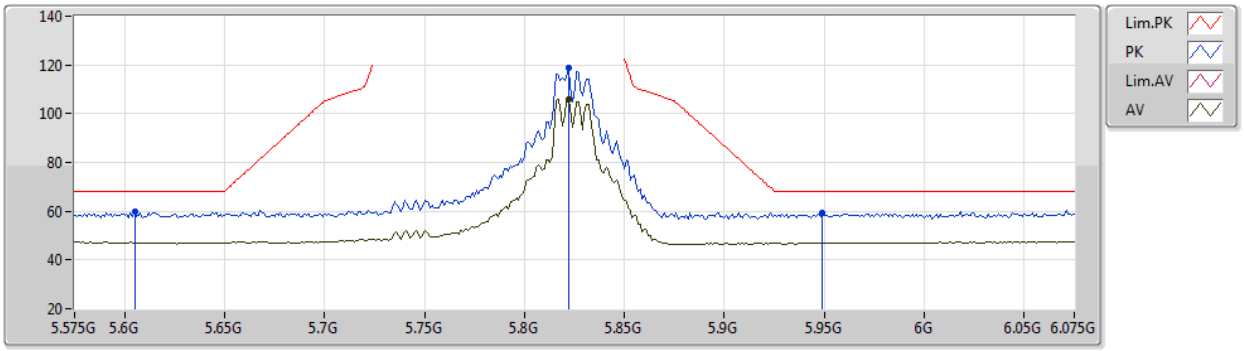
EUT Y_4TX
Setting 97
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.606G	60.97	68.20	-7.23	54.71	3	Vertical	21	1.95	-	34.40	6.80	34.94
PK	5.818G	119.33	Inf	-Inf	112.95	3	Vertical	21	1.95	-	34.40	6.91	34.93
AV	5.823G	108.05	Inf	-Inf	101.67	3	Vertical	21	1.95	-	34.40	6.91	34.93
PK	5.932G	59.30	68.20	-8.90	52.61	3	Vertical	21	1.95	-	34.64	6.97	34.92

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

05/06/2021



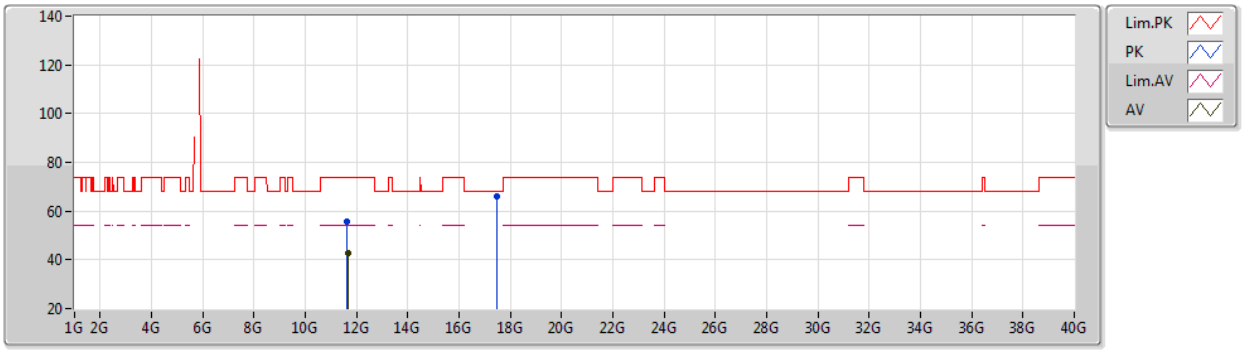
EUT Y_4TX
Setting 97
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.605G	59.65	68.20	-8.55	53.39	3	Horizontal	75	1.80	-	34.40	6.80	34.94
PK	5.822G	118.55	Inf	-Inf	112.17	3	Horizontal	75	1.80	-	34.40	6.91	34.93
AV	5.822G	105.74	Inf	-Inf	99.36	3	Horizontal	75	1.80	-	34.40	6.91	34.93
PK	5.949G	59.53	68.20	-8.67	52.88	3	Horizontal	75	1.80	-	34.60	6.97	34.92

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

05/06/2021



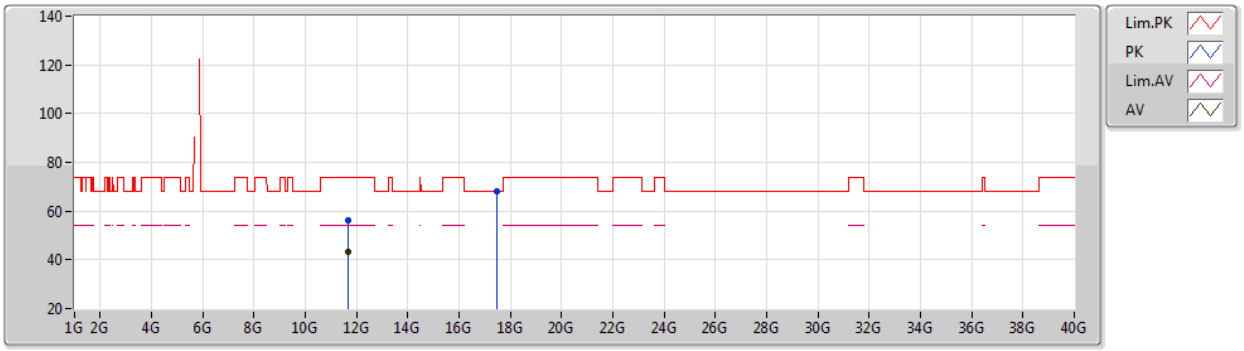
EUT Y_4TX
Setting 97
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64046G	55.67	74.00	-18.33	40.82	3	Vertical	135	1.32	-	39.60	9.93	34.68
AV	11.6482G	42.74	54.00	-11.26	27.90	3	Vertical	135	1.32	-	39.60	9.93	34.69
PK	17.47464G	66.04	68.20	-2.16	45.82	3	Vertical	14	1.80	-	42.25	12.52	34.55

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

05/06/2021



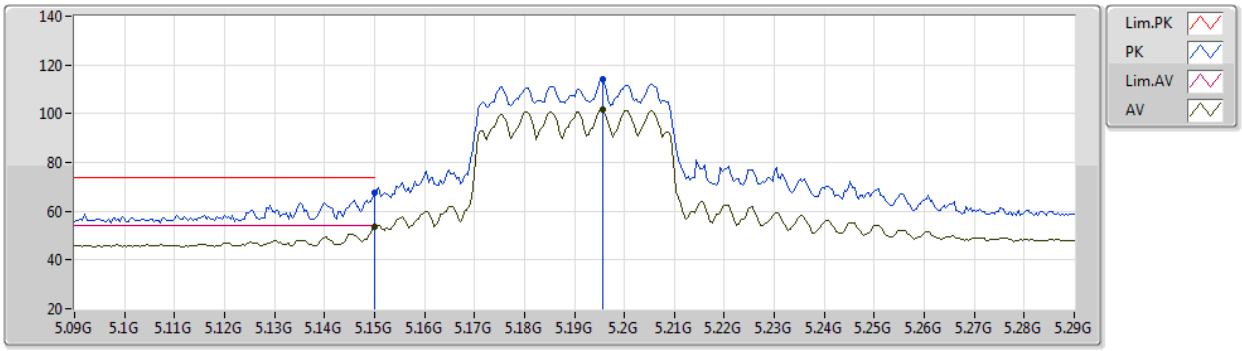
EUT Y_4TX
Setting 97
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65522G	56.46	74.00	-17.54	41.62	3	Horizontal	31	2.41	-	39.60	9.93	34.69
AV	11.65174G	43.28	54.00	-10.72	28.44	3	Horizontal	31	2.41	-	39.60	9.93	34.69
PK	17.46648G	67.97	68.20	-0.23	47.81	3	Horizontal	59	1.89	-	42.20	12.51	34.55

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

05/06/2021



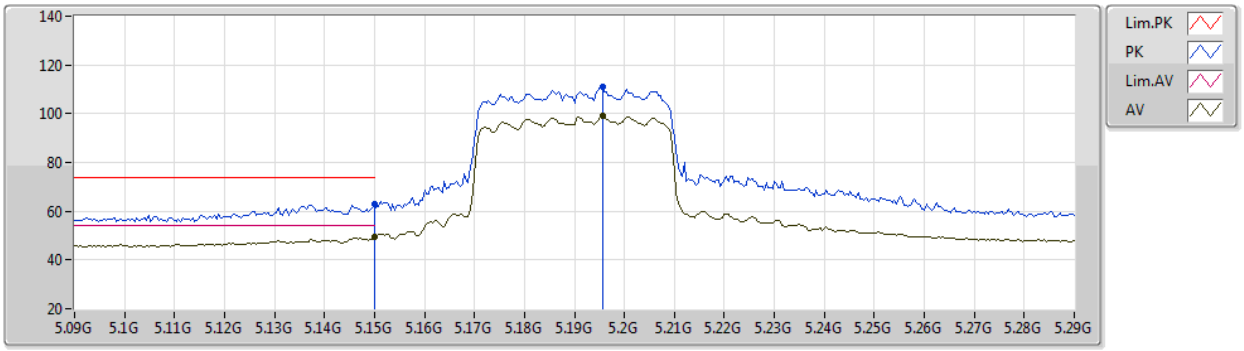
EUT Y_4TX
Setting 80
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	67.56	74.00	-6.44	62.36	3	Vertical	333	1.91	-	34.10	6.43	35.33
AV	5.15G	53.78	54.00	-0.22	48.58	3	Vertical	333	1.91	-	34.10	6.43	35.33
PK	5.1956G	114.04	Inf	-Inf	108.91	3	Vertical	333	1.91	-	34.01	6.40	35.28
AV	5.1956G	101.69	Inf	-Inf	96.56	3	Vertical	333	1.91	-	34.01	6.40	35.28

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

05/06/2021



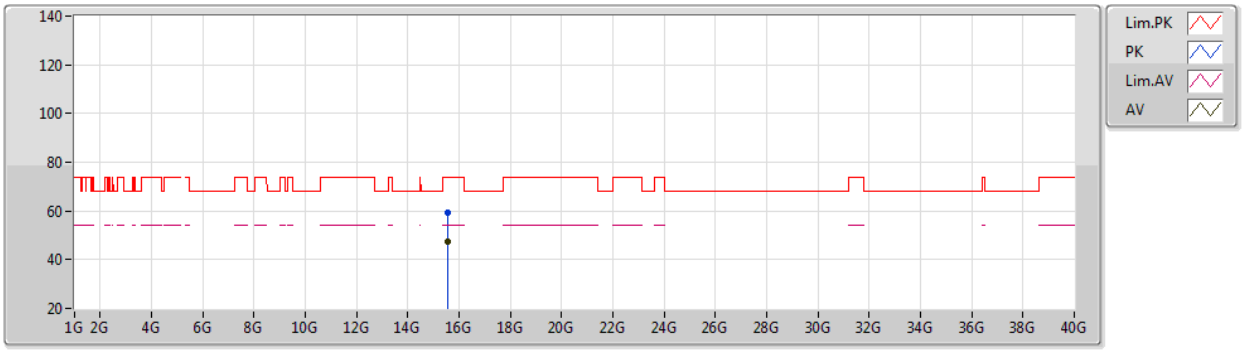
EUT Y_4TX
Setting 80
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	62.83	74.00	-11.17	57.63	3	Horizontal	358	2.46	-	34.10	6.43	35.33
AV	5.15G	49.46	54.00	-4.54	44.26	3	Horizontal	358	2.46	-	34.10	6.43	35.33
PK	5.1956G	111.27	Inf	-Inf	106.14	3	Horizontal	358	2.46	-	34.01	6.40	35.28
AV	5.1956G	99.05	Inf	-Inf	93.92	3	Horizontal	358	2.46	-	34.01	6.40	35.28

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

05/06/2021



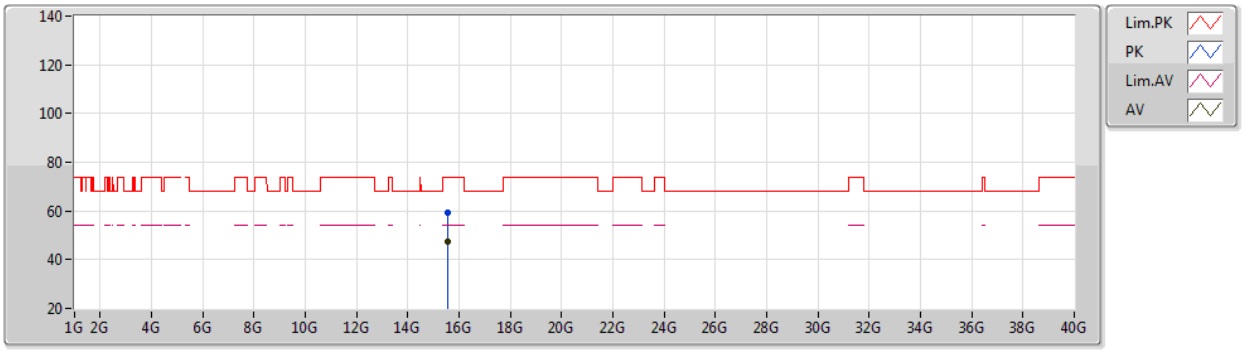
EUT Y_4TX
Setting 80
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.56292G	59.46	74.00	-14.54	44.59	3	Vertical	273	1.73	-	38.13	11.78	35.04
AV	15.56352G	47.16	54.00	-6.84	32.29	3	Vertical	273	1.73	-	38.13	11.78	35.04

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

05/06/2021



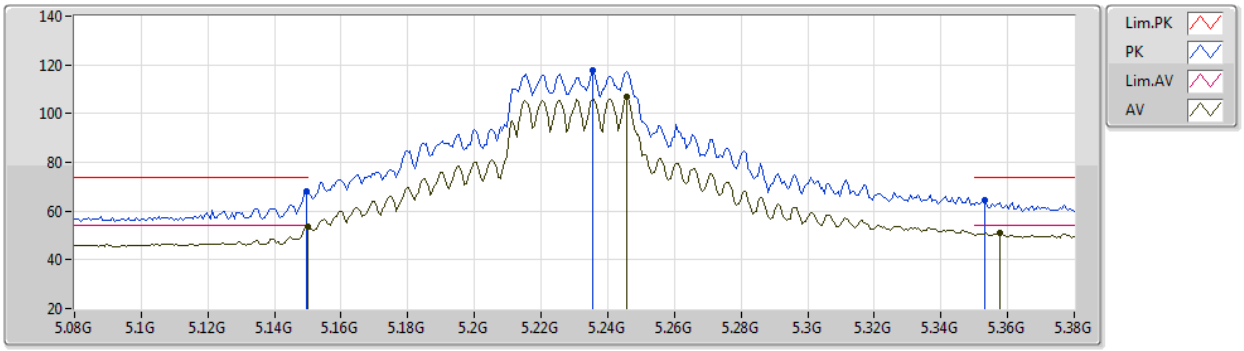
EUT Y_4TX
Setting 80
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.57234G	59.52	74.00	-14.48	44.73	3	Horizontal	206	1.61	-	38.05	11.79	35.05
AV	15.5691G	47.52	54.00	-6.48	32.70	3	Horizontal	206	1.61	-	38.08	11.78	35.04

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

05/06/2021



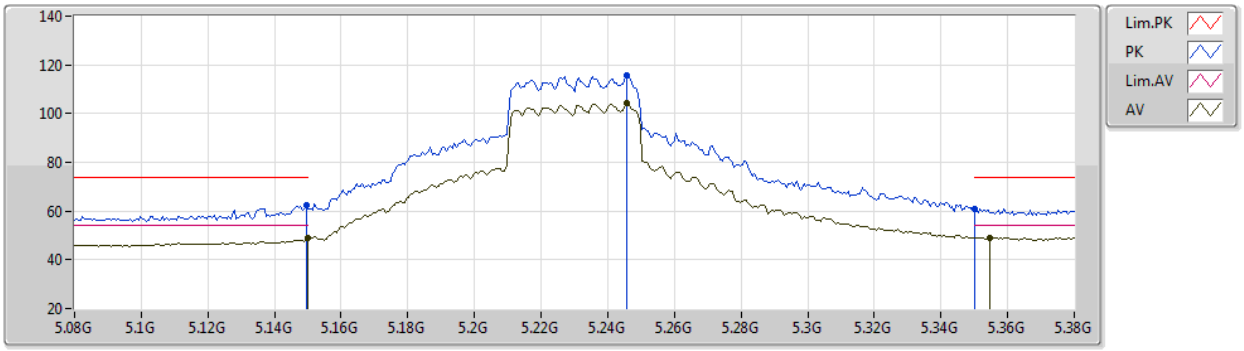
EUT Y_4TX
Setting 97
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	68.25	74.00	-5.75	63.05	3	Vertical	333	1.76	-	34.10	6.43	35.33
AV	5.15G	53.83	54.00	-0.17	48.63	3	Vertical	333	1.76	-	34.10	6.43	35.33
PK	5.2354G	117.82	Inf	-Inf	112.50	3	Vertical	333	1.76	-	34.14	6.42	35.24
AV	5.2456G	106.70	Inf	-Inf	101.32	3	Vertical	333	1.76	-	34.18	6.42	35.22
PK	5.353G	64.31	74.00	-9.69	58.35	3	Vertical	333	1.76	-	34.59	6.48	35.11
AV	5.3578G	50.98	54.00	-3.02	45.02	3	Vertical	333	1.76	-	34.58	6.48	35.10

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

05/06/2021



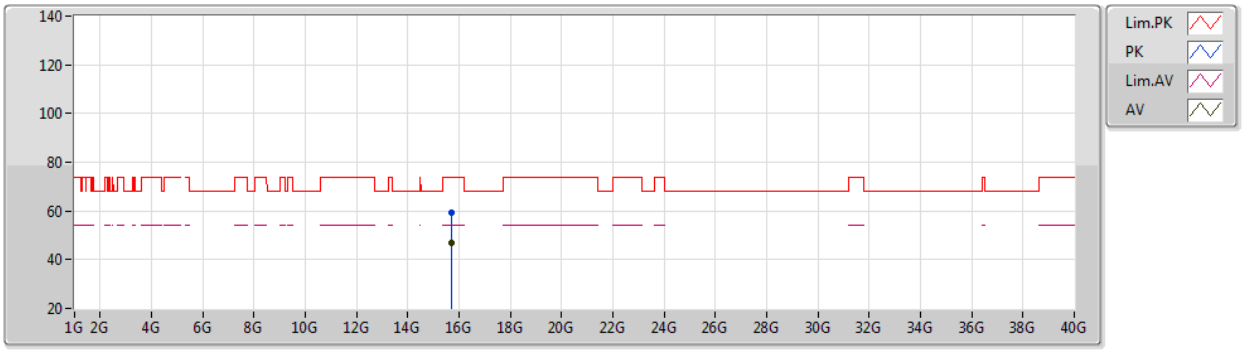
EUT Y_4TX
Setting 97
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	62.34	74.00	-11.66	57.14	3	Horizontal	360	2.36	-	34.10	6.43	35.33
AV	5.15G	48.73	54.00	-5.27	43.53	3	Horizontal	360	2.36	-	34.10	6.43	35.33
PK	5.2456G	115.84	Inf	-Inf	110.46	3	Horizontal	360	2.36	-	34.18	6.42	35.22
AV	5.2456G	104.14	Inf	-Inf	98.76	3	Horizontal	360	2.36	-	34.18	6.42	35.22
PK	5.35G	60.79	74.00	-13.21	54.82	3	Horizontal	360	2.36	-	34.60	6.48	35.11
AV	5.3548G	49.07	54.00	-4.93	43.11	3	Horizontal	360	2.36	-	34.59	6.48	35.11

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

05/06/2021



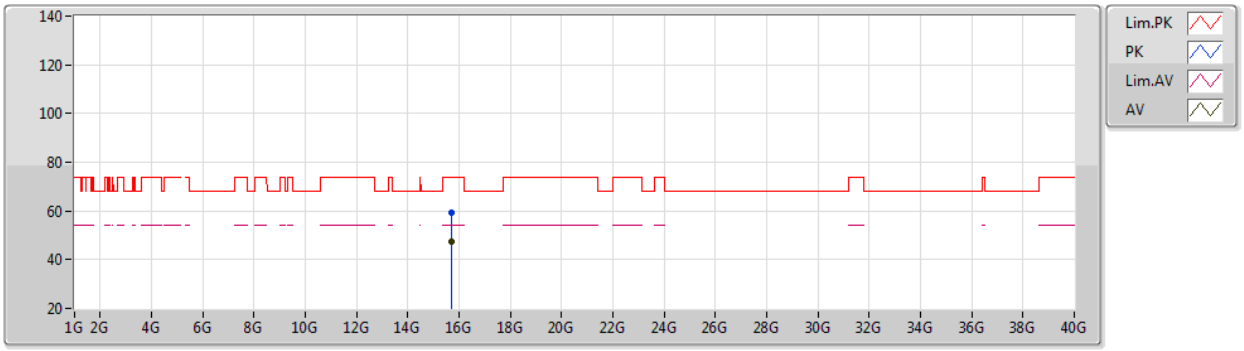
EUT Y_4TX
Setting 97
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.69762G	59.31	74.00	-14.69	44.59	3	Vertical	150	1.85	-	38.00	11.85	35.13
AV	15.69462G	46.72	54.00	-7.28	32.00	3	Vertical	150	1.85	-	37.99	11.85	35.12

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

05/06/2021



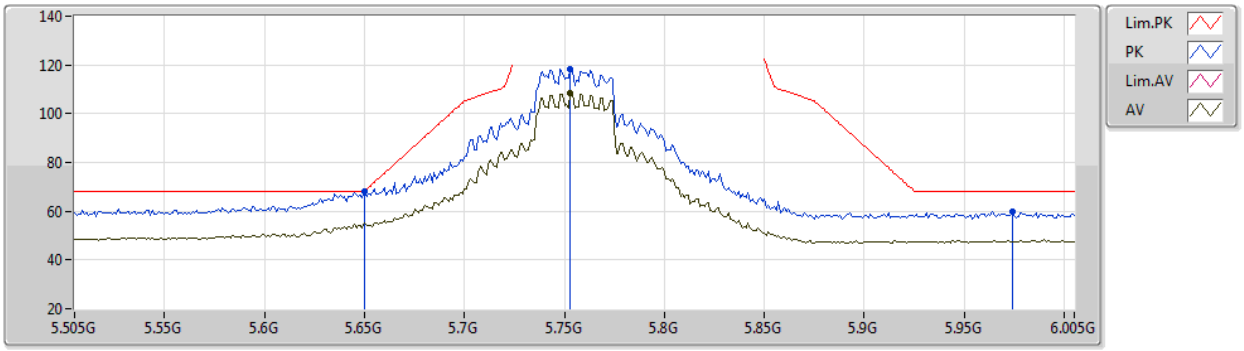
EUT Y_4TX
Setting 97
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.6942G	59.45	74.00	-14.55	44.73	3	Horizontal	94	1.84	-	37.99	11.85	35.12
AV	15.681G	47.29	54.00	-6.71	32.61	3	Horizontal	94	1.84	-	37.96	11.84	35.12

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

05/06/2021



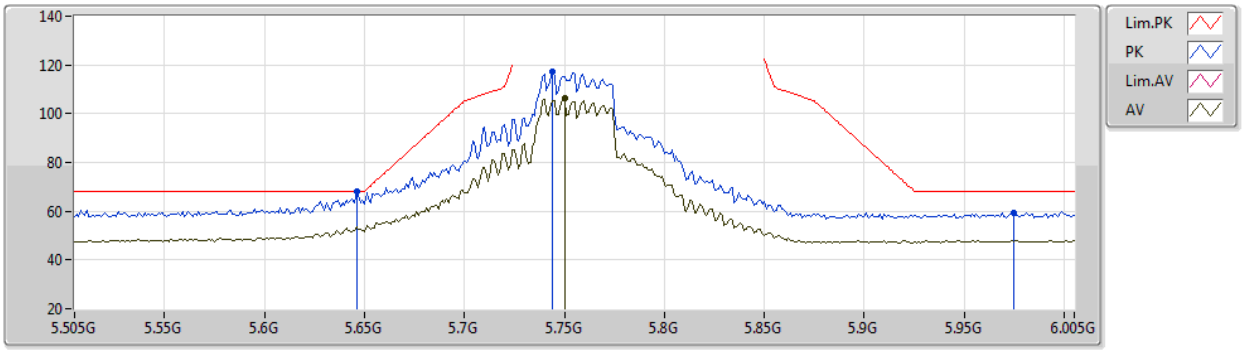
EUT Y_4TX
Setting 103
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	68.02	68.20	-0.18	61.73	3	Vertical	266	1.76	-	34.40	6.83	34.94
PK	5.753G	118.50	Inf	-Inf	112.15	3	Vertical	266	1.76	-	34.40	6.88	34.93
AV	5.753G	108.29	Inf	-Inf	101.94	3	Vertical	266	1.76	-	34.40	6.88	34.93
PK	5.974G	59.85	68.20	-8.35	53.13	3	Vertical	266	1.76	-	34.65	6.99	34.92

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

05/06/2021



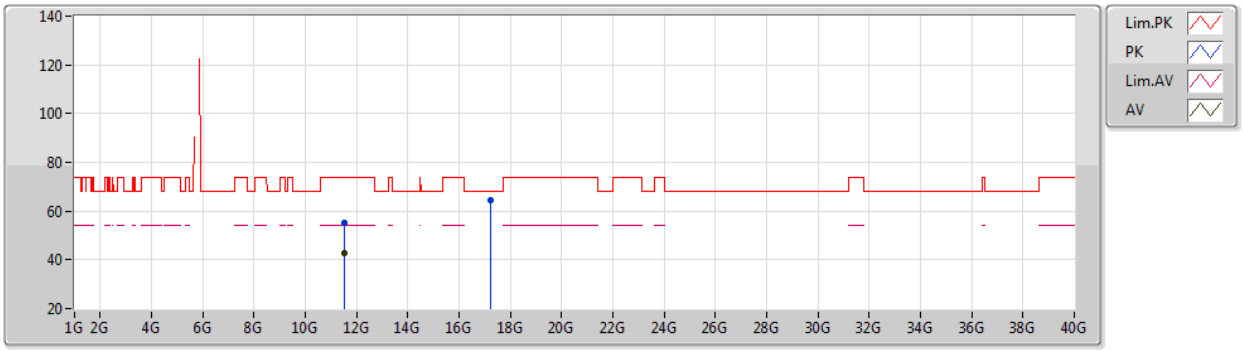
EUT Y_4TX
Setting 103
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.646G	68.00	68.20	-0.20	61.72	3	Horizontal	76	1.12	-	34.40	6.82	34.94
PK	5.744G	117.02	Inf	-Inf	110.69	3	Horizontal	76	1.12	-	34.40	6.87	34.94
AV	5.75G	106.19	Inf	-Inf	99.86	3	Horizontal	76	1.12	-	34.40	6.87	34.94
PK	5.975G	59.33	68.20	-8.87	52.61	3	Horizontal	76	1.12	-	34.65	6.99	34.92

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

05/06/2021



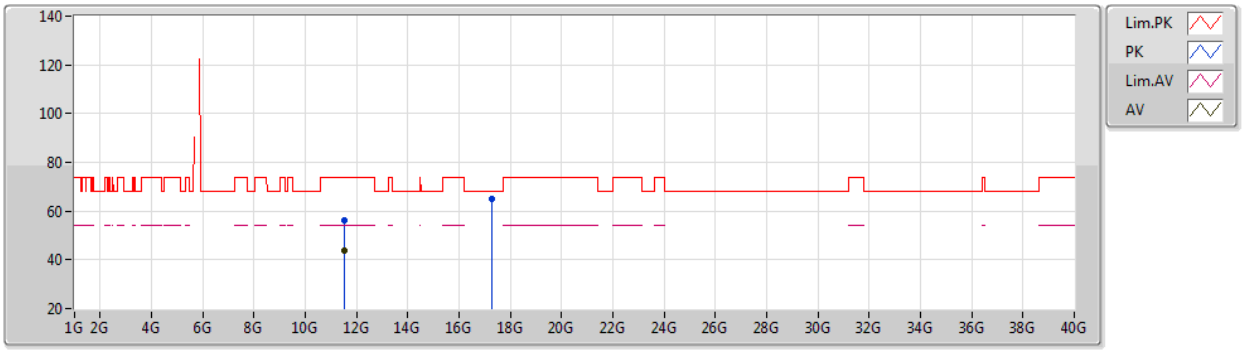
EUT Y_4TX
Setting 103
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.50268G	55.26	74.00	-18.74	40.80	3	Vertical	185	2.21	-	39.21	9.90	34.65
AV	11.50532G	42.92	54.00	-11.08	28.45	3	Vertical	185	2.21	-	39.22	9.90	34.65
PK	17.25258G	64.55	68.20	-3.65	45.82	3	Vertical	7	1.79	-	40.86	12.44	34.57

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

05/06/2021



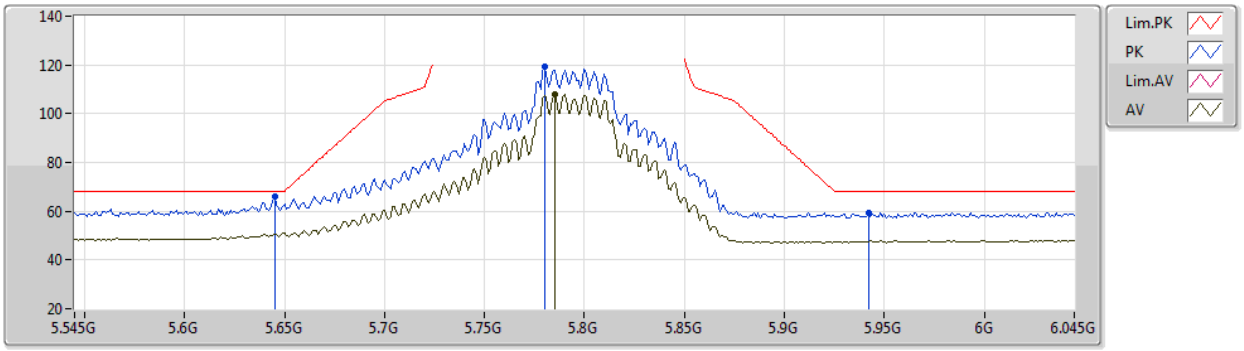
EUT Y_4TX
Setting 103
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.51234G	55.99	74.00	-18.01	41.49	3	Horizontal	177	1.43	-	39.25	9.90	34.65
AV	11.51216G	43.78	54.00	-10.22	29.28	3	Horizontal	177	1.43	-	39.25	9.90	34.65
PK	17.27478G	64.96	68.20	-3.24	46.16	3	Horizontal	357	1.53	-	40.92	12.45	34.57

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

05/06/2021



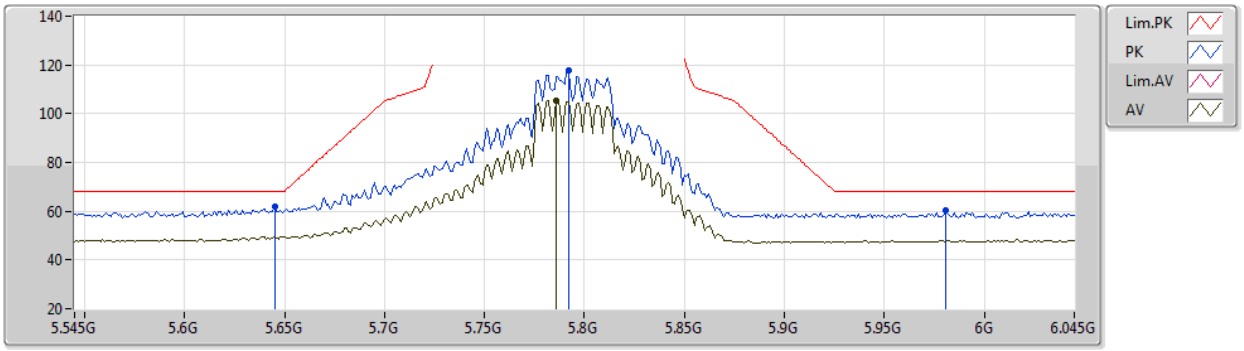
EUT Y_4TX
Setting 106
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.645G	65.86	68.20	-2.34	59.58	3	Vertical	319	2.31	-	34.40	6.82	34.94
PK	5.78G	119.11	Inf	-Inf	112.75	3	Vertical	319	2.31	-	34.40	6.89	34.93
AV	5.785G	107.83	Inf	-Inf	101.47	3	Vertical	319	2.31	-	34.40	6.89	34.93
PK	5.942G	59.47	68.20	-8.73	52.80	3	Vertical	319	2.31	-	34.62	6.97	34.92

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

05/06/2021



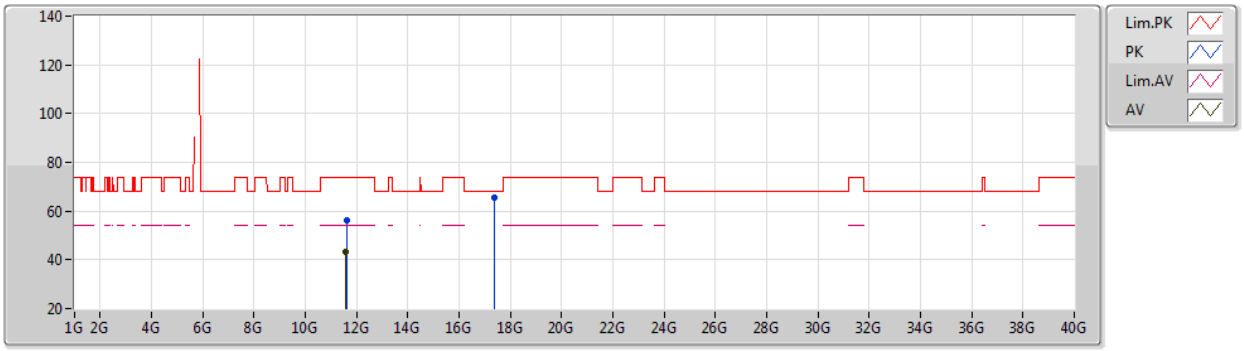
EUT Y_4TX
Setting 106
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.645G	61.73	68.20	-6.47	55.45	3	Horizontal	74	1.82	-	34.40	6.82	34.94
PK	5.792G	117.89	Inf	-Inf	111.52	3	Horizontal	74	1.82	-	34.40	6.90	34.93
AV	5.786G	105.46	Inf	-Inf	99.10	3	Horizontal	74	1.82	-	34.40	6.89	34.93
PK	5.981G	60.40	68.20	-7.80	53.67	3	Horizontal	74	1.82	-	34.66	6.99	34.92

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

05/06/2021



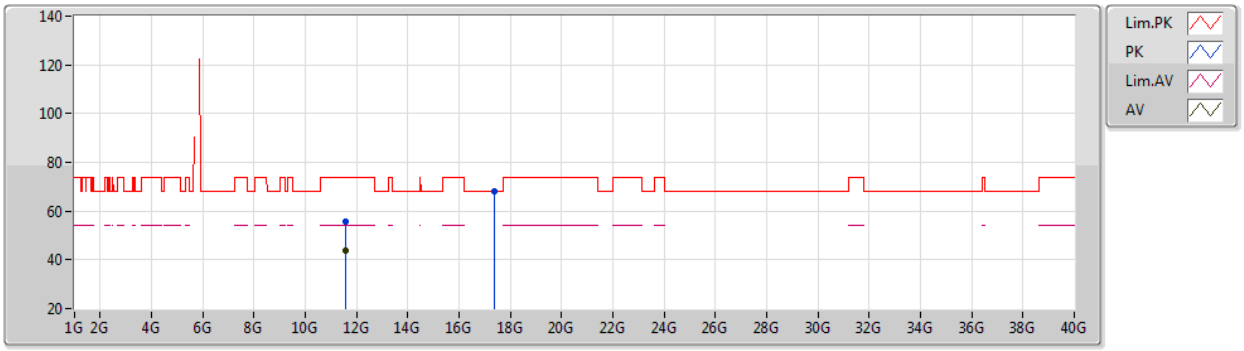
EUT Y_4TX
Setting 106
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.60104G	56.31	74.00	-17.69	41.46	3	Vertical	247	1.95	-	39.60	9.92	34.67
AV	11.58184G	43.51	54.00	-10.49	28.73	3	Vertical	247	1.95	-	39.53	9.92	34.67
PK	17.4G	65.42	68.20	-2.78	45.69	3	Vertical	5	1.61	-	41.80	12.49	34.56

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

05/06/2021



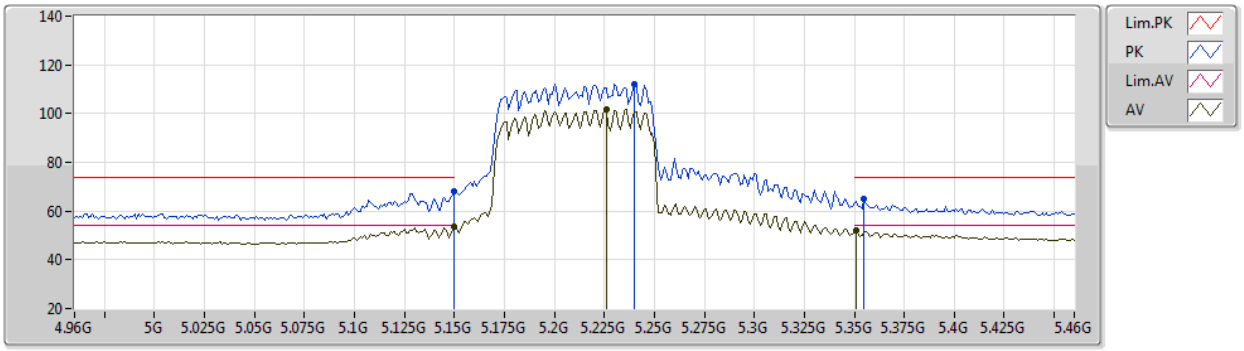
EUT Y_4TX
Setting 106
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.58664G	55.92	74.00	-18.08	41.12	3	Horizontal	35	1.65	-	39.55	9.92	34.67
AV	11.5819G	43.64	54.00	-10.36	28.86	3	Horizontal	35	1.65	-	39.53	9.92	34.67
PK	17.38182G	68.04	68.20	-0.16	48.47	3	Horizontal	63	1.80	-	41.65	12.48	34.56

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

21/05/2021



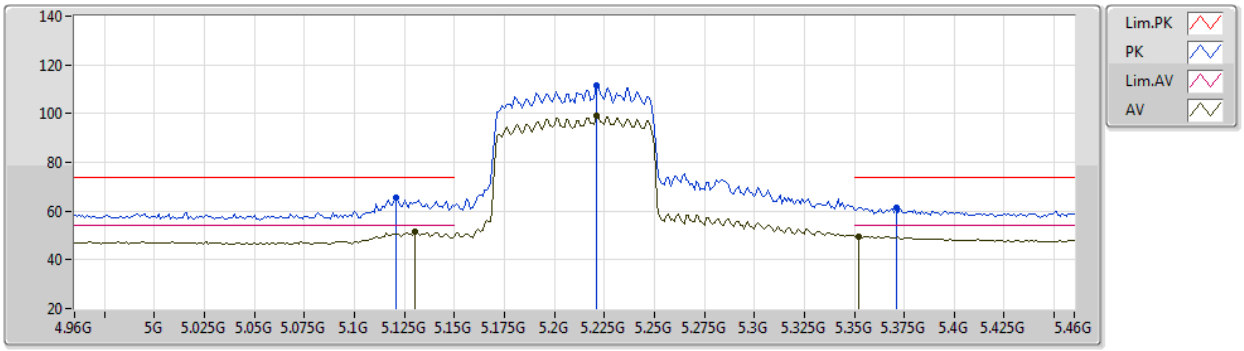
EUT Y_4TX
Setting 82
01-C-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	68.29	74.00	-5.71	63.46	3	Vertical	331	1.80	-	32.60	5.17	32.94
AV	5.15G	53.68	54.00	-0.32	48.85	3	Vertical	331	1.80	-	32.60	5.17	32.94
PK	5.24G	112.11	Inf	-Inf	107.02	3	Vertical	331	1.80	-	32.78	5.24	32.93
AV	5.226G	101.61	Inf	-Inf	96.56	3	Vertical	331	1.80	-	32.75	5.23	32.93
PK	5.355G	65.21	74.00	-8.79	59.84	3	Vertical	331	1.80	-	32.93	5.36	32.92
AV	5.351G	52.16	54.00	-1.84	46.82	3	Vertical	331	1.80	-	32.91	5.35	32.92

802.11ax HEW80_Nss1,(MCS0)_4TX

21/05/2021

5210MHz_TX



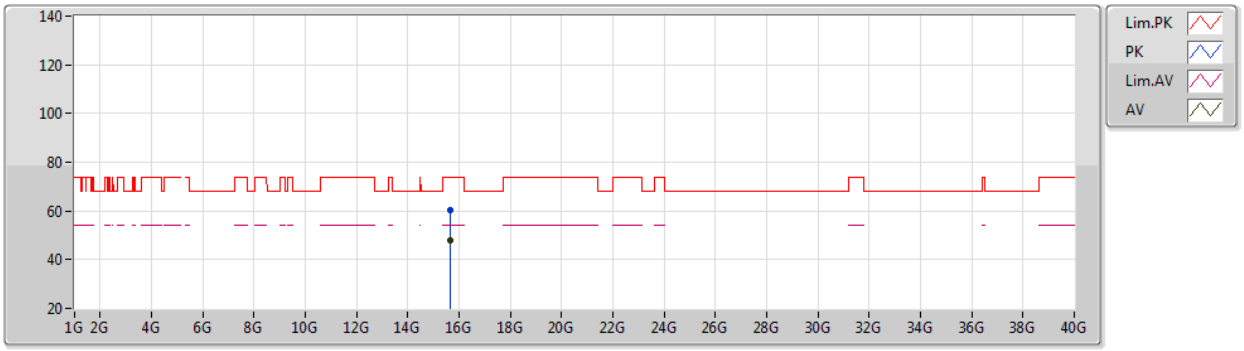
EUT Y_4TX
Setting 82
01-C-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.121G	65.39	74.00	-8.61	60.58	3	Horizontal	347	1.75	-	32.60	5.16	32.95
AV	5.13G	51.42	54.00	-2.58	46.59	3	Horizontal	347	1.75	-	32.60	5.17	32.94
PK	5.221G	111.76	Inf	-Inf	106.73	3	Horizontal	347	1.75	-	32.74	5.22	32.93
AV	5.221G	99.34	Inf	-Inf	94.31	3	Horizontal	347	1.75	-	32.74	5.22	32.93
PK	5.371G	61.38	74.00	-12.62	55.90	3	Horizontal	347	1.75	-	33.03	5.37	32.92
AV	5.352G	49.68	54.00	-4.32	44.34	3	Horizontal	347	1.75	-	32.91	5.35	32.92

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

21/05/2021



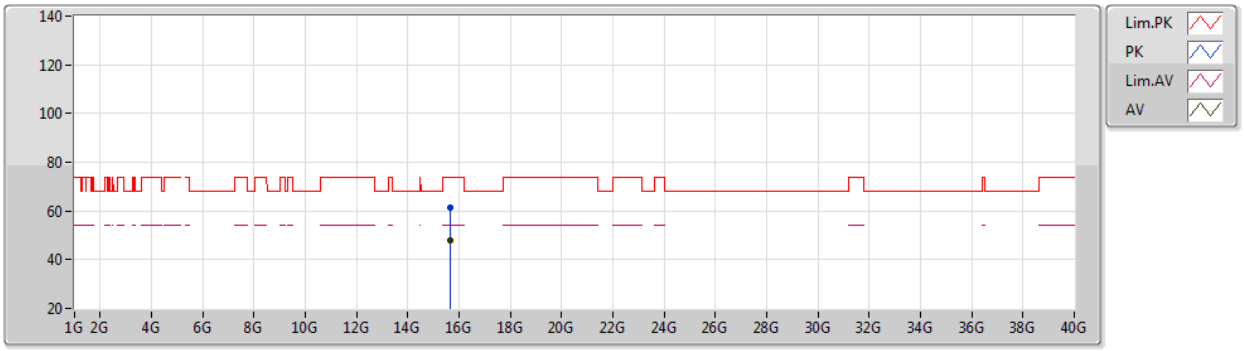
EUT Y_4TX
Setting 82
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.63702G	60.38	74.00	-13.62	45.61	3	Vertical	116	1.80	-	38.34	9.23	32.80
AV	15.64392G	48.03	54.00	-5.97	33.26	3	Vertical	116	1.80	-	38.34	9.23	32.80

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

21/05/2021



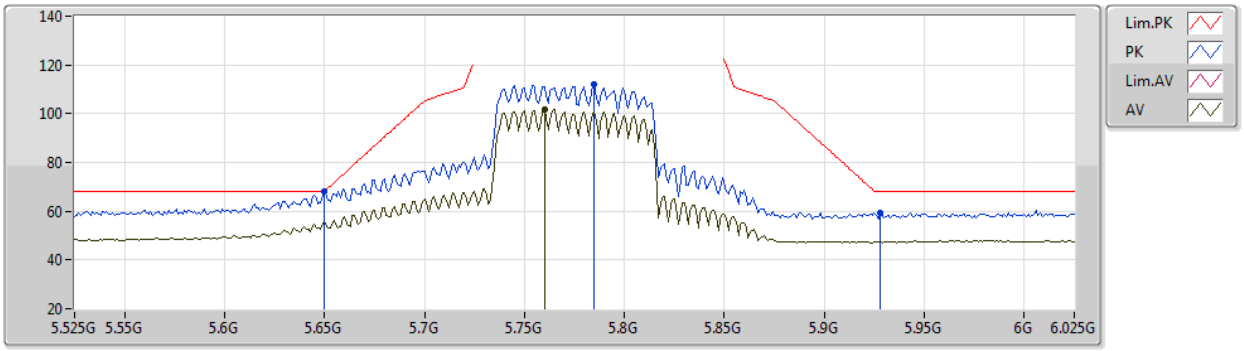
EUT Y_4TX
Setting 82
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.6414G	61.41	74.00	-12.59	46.64	3	Horizontal	276	2.33	-	38.34	9.23	32.80
AV	15.64392G	47.87	54.00	-6.13	33.10	3	Horizontal	276	2.33	-	38.34	9.23	32.80

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

05/06/2021



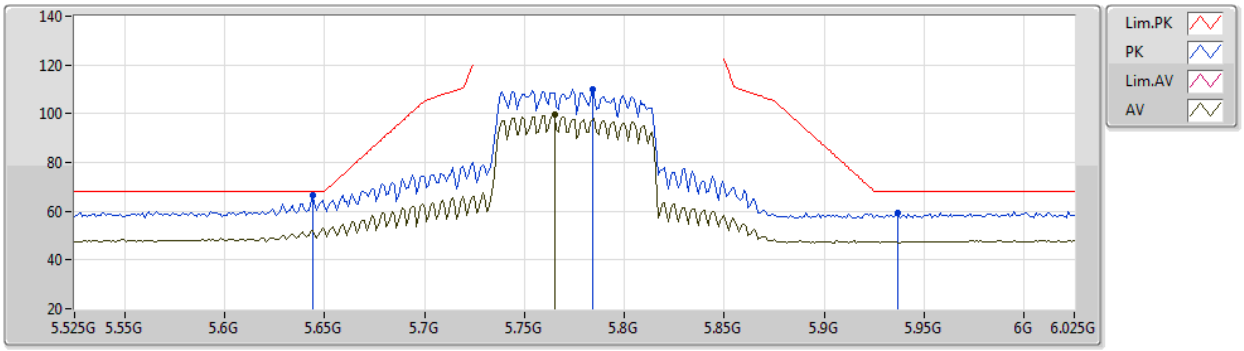
EUT Y_4TX
Setting 87
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	68.09	68.20	-0.11	61.80	3	Vertical	317	1.80	-	34.40	6.83	34.94
PK	5.785G	112.12	Inf	-Inf	105.76	3	Vertical	317	1.80	-	34.40	6.89	34.93
AV	5.76G	101.71	Inf	-Inf	95.36	3	Vertical	317	1.80	-	34.40	6.88	34.93
PK	5.928G	59.28	68.20	-8.92	52.60	3	Vertical	317	1.80	-	34.64	6.96	34.92

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

05/06/2021



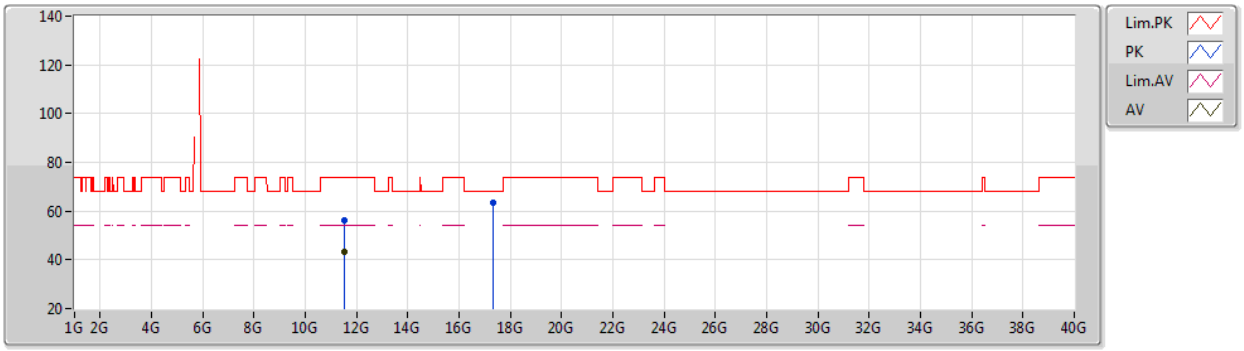
EUT Y_4TX
Setting 87
03-E-C-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.644G	66.59	68.20	-1.61	60.31	3	Horizontal	77	1.00	-	34.40	6.82	34.94
PK	5.784G	109.85	Inf	-Inf	103.49	3	Horizontal	77	1.00	-	34.40	6.89	34.93
AV	5.765G	99.58	Inf	-Inf	93.23	3	Horizontal	77	1.00	-	34.40	6.88	34.93
PK	5.937G	59.29	68.20	-8.91	52.61	3	Horizontal	77	1.00	-	34.63	6.97	34.92

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

05/06/2021



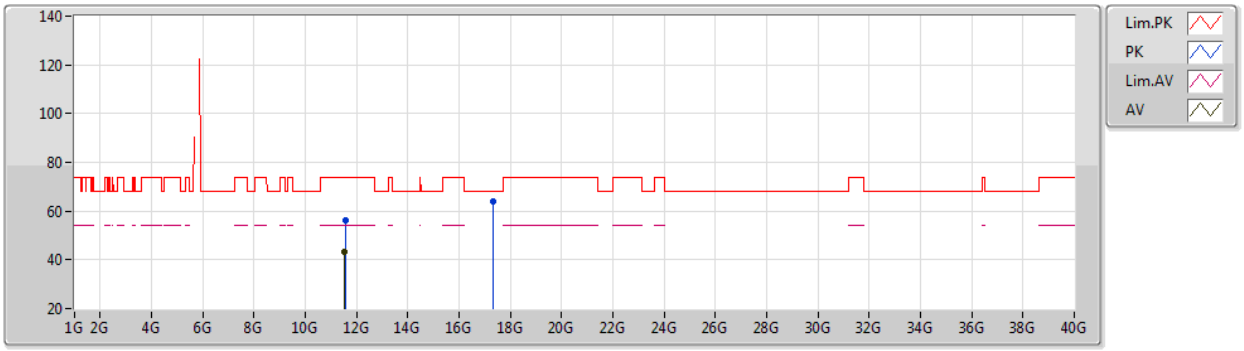
EUT Y_4TX
Setting 87
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5395G	56.03	74.00	-17.97	41.42	3	Vertical	36	1.61	-	39.36	9.91	34.66
AV	11.53908G	43.44	54.00	-10.56	28.83	3	Vertical	36	1.61	-	39.36	9.91	34.66
PK	17.3127G	63.41	68.20	-4.79	44.42	3	Vertical	336	1.59	-	41.10	12.46	34.57

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

05/06/2021



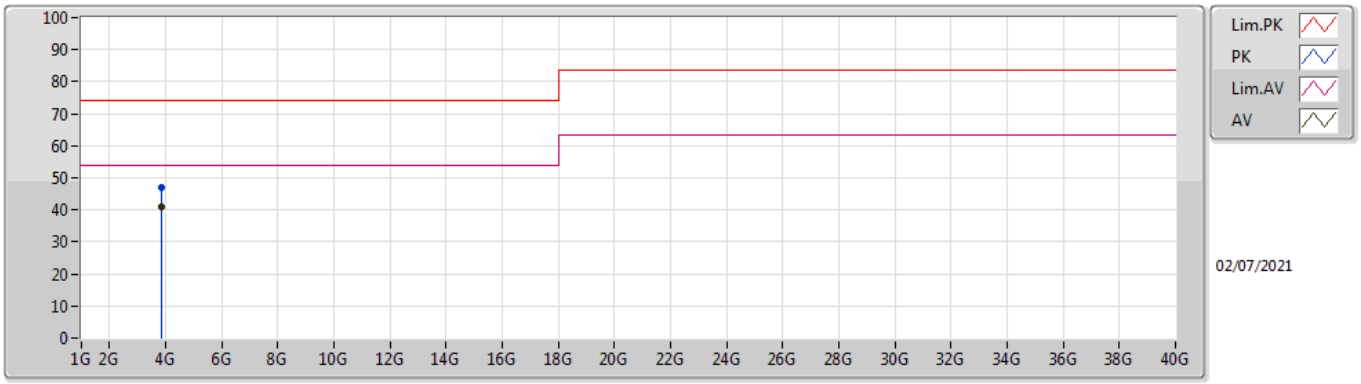
EUT Y_4TX
Setting 87
03-E-C-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.565G	56.04	74.00	-17.96	41.34	3	Horizontal	151	1.63	-	39.46	9.91	34.67
AV	11.54892G	43.35	54.00	-10.65	28.70	3	Horizontal	151	1.63	-	39.40	9.91	34.66
PK	17.32542G	64.15	68.20	-4.05	45.06	3	Horizontal	76	2.46	-	41.20	12.46	34.57

Summary

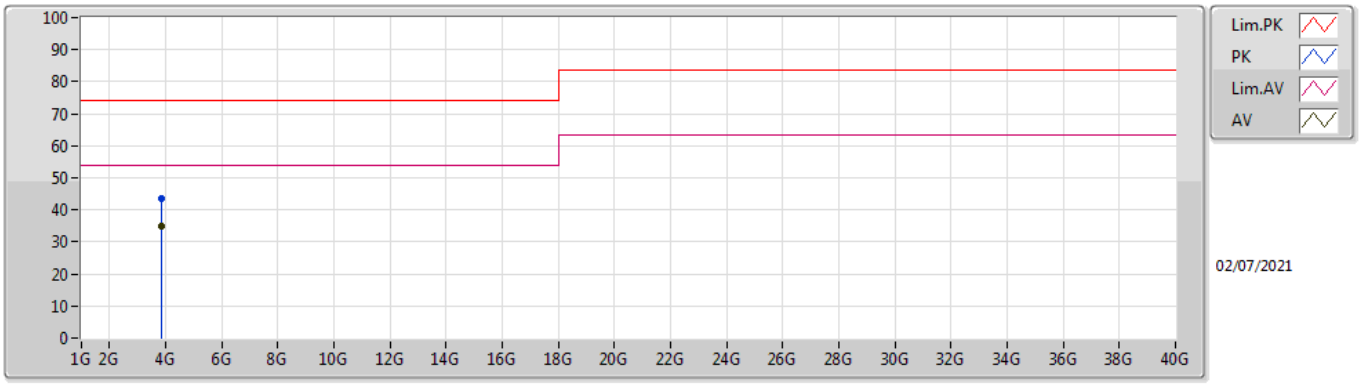
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	3.83001G	40.90	54.00	-13.10	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	3.83G	46.81	74.00	-27.19	0.77	3	Vertical	355	1.00	-	46.04	29.46	4.15	32.84
AV	3.83001G	40.90	54.00	-13.10	0.77	3	Vertical	355	1.00	"Worst"	40.13	29.46	4.15	32.84

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	3.82987G	43.37	74.00	-30.63	0.76	3	Horizontal	175	1.02	-	42.61	29.46	4.14	32.84
AV	3.83002G	34.81	54.00	-19.19	0.77	3	Horizontal	175	1.02	"Worst"	34.04	29.46	4.15	32.84