FCC RADIO TEST REPORT

FCC ID	:	G95-CGA4236
Equipment	:	Cable Moden DOCSSIS 3.1
Trade Name	:	technicolor
Model Number	:	CGA4236
Product Code	:	CGA4236VGW-TCH3;CGA4236DGW-TCH3; CGA4236-TCH2 (Refer to section 1.1.5 for detail information)
Applicant	:	Technicolor Connected Home USA LLC 5030 Sugarloaf Parkway, Building 6, Lawrenceville,Georgia, United States
Manufacturer	:	Technicolor Connected Home USA LLC 5030 Sugarloaf Parkway, Building 6, Lawrenceville,Georgia, United States
Standard	:	47 CFR FCC Part 15.407

The product was received on Apr. 09, 2020, and testing was started from Apr. 09, 2020 and completed on Jun. 08, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.
The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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

Approved by: Sam Chen

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR041508AB	01	Initial issue of report	Jun. 18, 2020
FR041508AB	02	Change received date to "Apr. 09, 2020" from "Apr. 20, 2020".	Jun. 19, 2020

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: Viola Huang

1 General Description

1.1 Information

1.1.1 RF General Information

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

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

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 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)
1	1	TCH	1415-07JS0V8	Dipole Antenna	N/A	Note 1
2	2	TCH	1415-07JT0V8	Dipole Antenna	N/A	
3	3	TCH	1415-07JR0V8	Dipole Antenna	N/A	
4	1	TCH	1415-07JV0V8	Dipole Antenna	N/A	
5	2	TCH	1415-07JU0V8	Dipole Antenna	N/A	
6	3	TCH	1415-07JV0V8	Dipole Antenna	N/A	
7	4	TCH	1415-07JU0V8	Dipole Antenna	N/A	

Note 1:

Ant.	Uncorrelated Gain (dBi)		
	2.4GHz	5GHz Band 1	5GHz Band 4
1	2.35	-	-
2	3.32	-	-
3	2.87	-	-
4	-	2.90	4.64
5	-	3.42	2.20
6	-	2.92	2.48
7	-	2.68	3.51
Correlated Gain (dBi)	6.01	6.63	7.30

Note 2: The above information was declared by manufacturer.

For 2.4GHz function:

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

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

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

For 5GHz function:

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

Ant. 4, Ant. 5, Ant. 6 and Ant. 7 can be used as transmitting/receiving antenna.

Ant. 4, Ant. 5, Ant. 6 and Ant. 7 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.948	0.23	2.068m	1k
802.11ax HEW20	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.964	0.16	782.5u	3k
802.11ax HEW80	0.932	0.31	417.5u	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
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	accessMTool			
Firmware Version	Broadcom BCA: 17.10 RC121.11 wl0: Feb 19 2020 10:51:50 version 17.10.121.11 (r783116 WLTEST)			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

Porduct Code	Description
CGA4236VGW-TCH3	All the porduct code are identical, the difference porduct code as marketing strategy.
CGA4236DGW-TCH3	
CGA4236-TCH2	

From the above list, Porduct Code: CGA4236VGW-TCH3 was selected as representative model for the test and its data was recorded in this report.

1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Paul Chen	21.5~23.1°C / 56~58%	May 06, 2020 ~ Jun. 04, 2020
Radiated below 1GHz	03CH04-CB	Paul Chen	21.5~24.6°C / 56~60%	Jun. 06, 2020
Radiated above 1GHz	03CH05-CB	Paul Chen	21.4~23.5°C / 57~59%	Apr. 09, 2020 ~ Jun. 06, 2020
AC Conduction	CO02-CB	GN Hou	21~23°C / 62~65%	Jun. 08, 2020

Test site Designation No. TW0006 with FCC
Test site registered number IC 4086D with Industry Canada.

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	91
5200MHz	91
5240MHz	91
5745MHz	87
5785MHz	92
5825MHz	87
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	88
5200MHz	94
5240MHz	94
5745MHz	90
5785MHz	90
5825MHz	93
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	68
5230MHz	96
5755MHz	92
5795MHz	92
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	66
5775MHz	92

Note:
- VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX
1	EUT_2.4GHz + Adapter 1
2	EUT_2.4GHz + Adapter 2
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT_5GHz + Adapter 1
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	EUT_2.4GHz + Adapter 1
2	EUT_2.4GHz + Adapter 2
Mode 2 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT_5GHz + Adapter 2
For operating mode 3 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 - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA041508 for Co-location RF Exposure Evaluation.	

Note: The EUT can 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**
Adapter 1	HOIOTO	ADS-36FKJ-12 12036EPCU	INPUT: 100-240V, 50/60Hz, Max.1.0A OUTPUT: 12V, 3.0A
Adapter 2	AcBel	ADG009 AD:AD0G2	INPUT: 100-240V, 50/60Hz, MAX.1.5A OUTPUT: 12V, 4.5A
Others			
Power cord*1, Non-shielded, 1.8m (For adapter 2 use)			

2.5 Support Equipment

For AC Conduction:

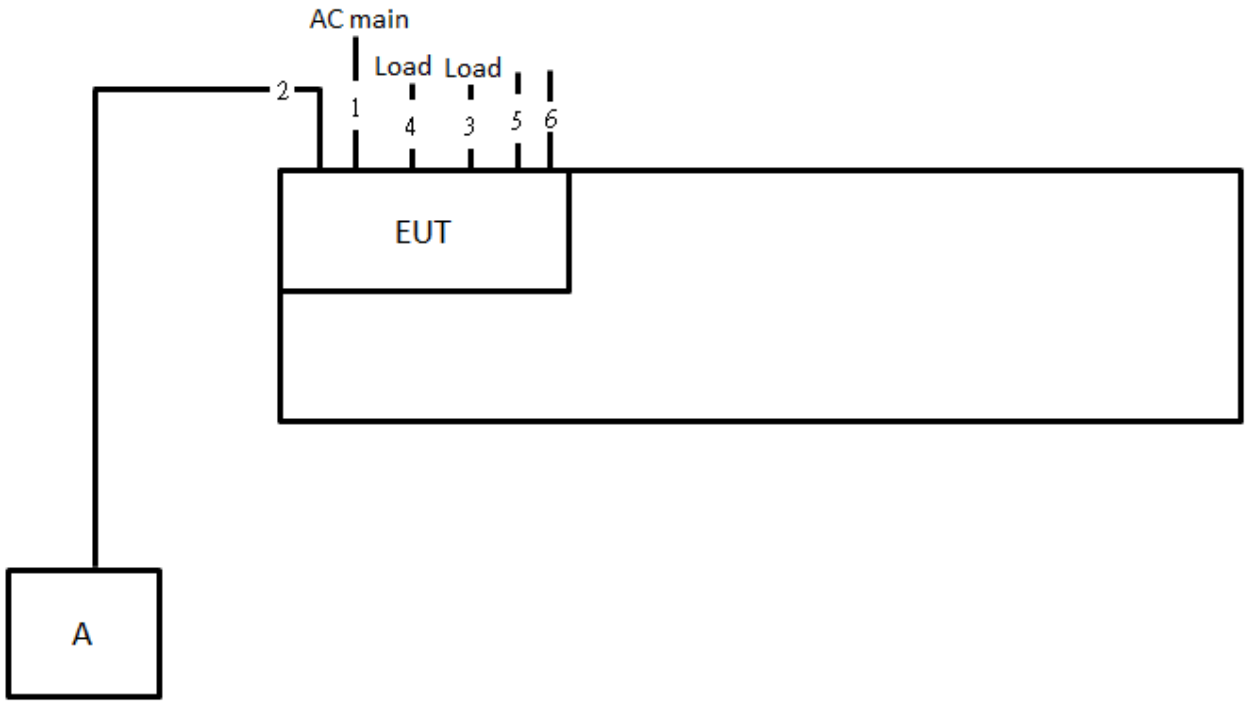
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E6430	N/A

For Radiated and RF Conducted:

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

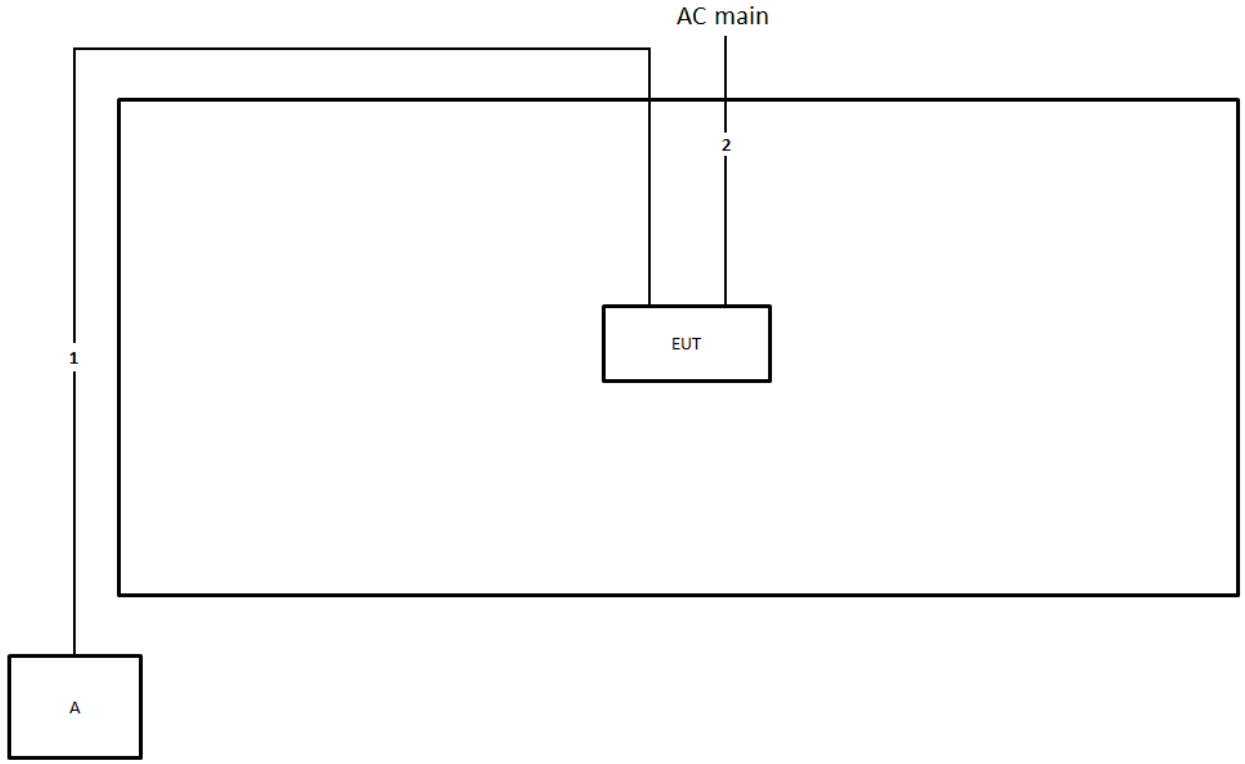
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



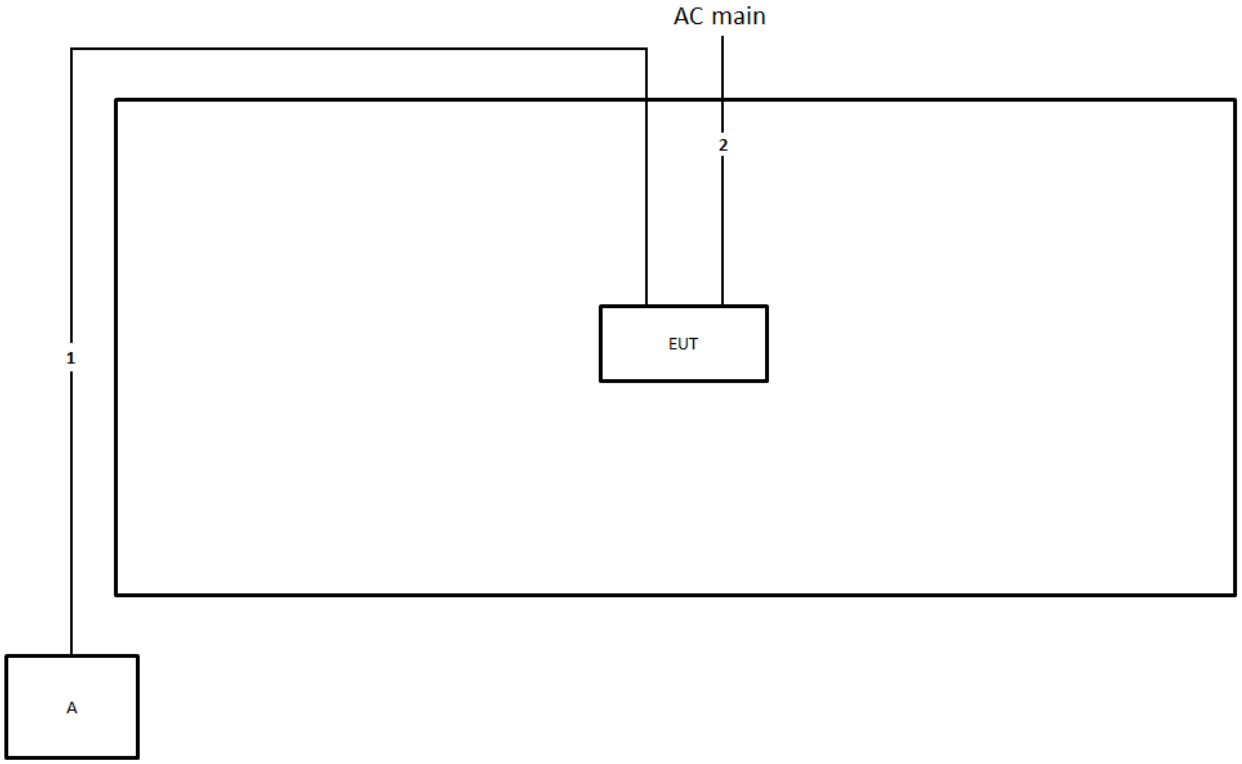
Item	Connection	Shielded	Length
1	Power cable	No	1.2m
2	RJ-45 cable	No	10m
3	RJ-45 cable*3	No	1.5m
4	RJ-11 cable*2	No	1.5m
5	Audio cable	No	1.5m
6	Coaxial cable	Yes	1.5m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	2.8m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.2m

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

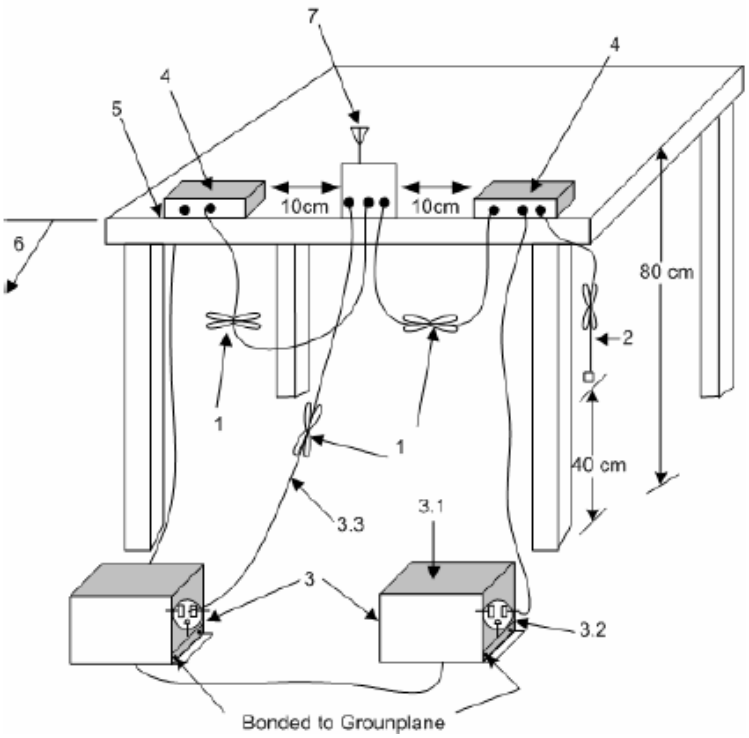
Refer a test equipment and calibration data table in this test report.

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 (dBuV) = LISN Factor + Cable Loss + Read Level = Level

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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit
UNII Devices
☒ For the 5.15-5.25 GHz band, N/A
☐ For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 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.

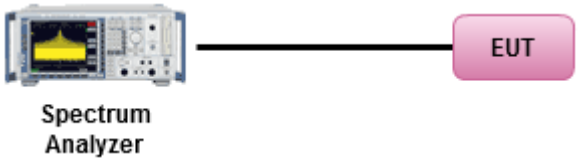
3.2.2 Measuring Instruments

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.	

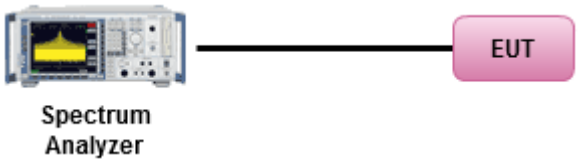
3.4.2 Measuring Instruments

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.

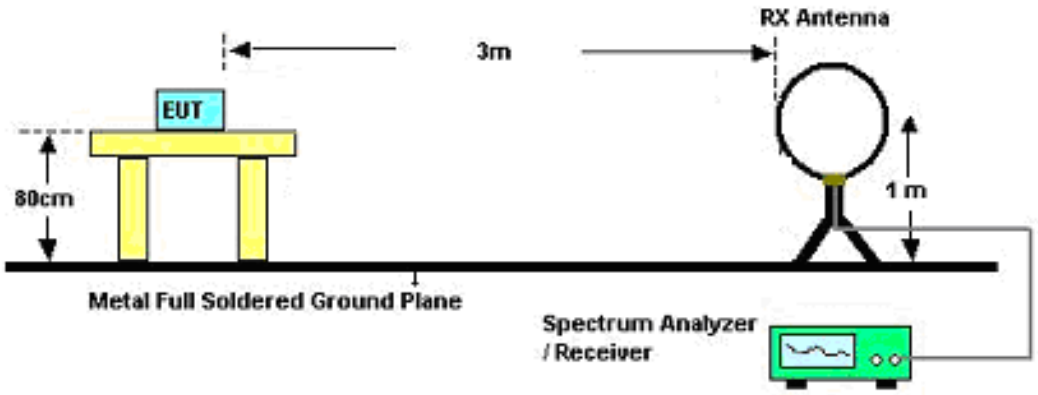
3.5.3 Test Procedures

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.			

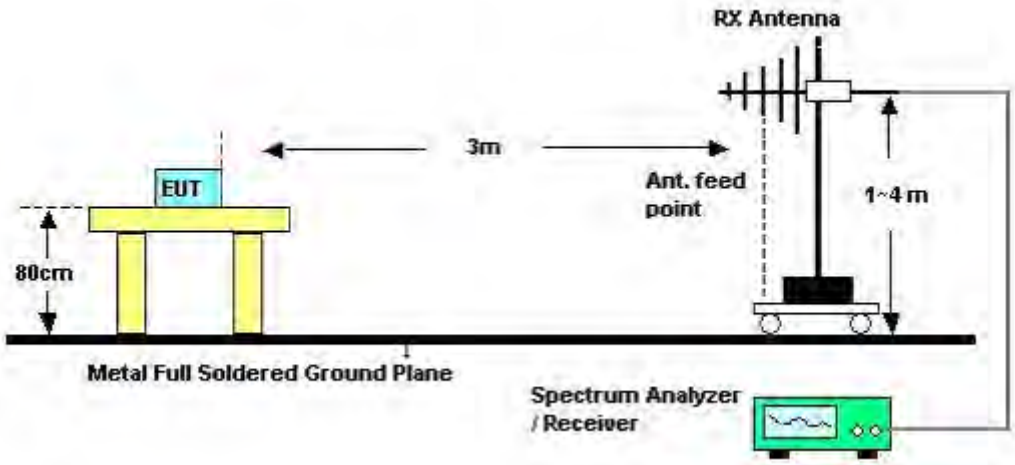
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

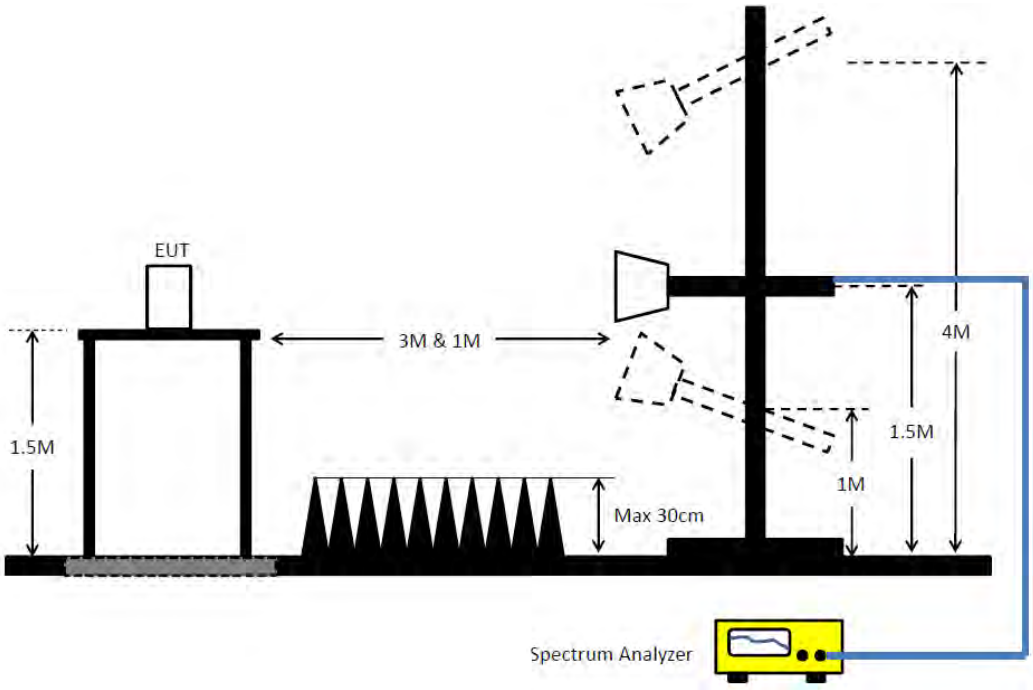
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor (if applicable) = Level.

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Nov. 21, 2019	Nov. 20, 2020	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Oct. 30, 2019	Oct. 29, 2020	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	Mar. 10, 2020	Mar. 09, 2021	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 21, 2019	Oct. 20, 2020	Conduction (CO02-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N06 07	30MHz ~ 1GHz	Oct. 12, 2019	Oct. 11, 2020	Radiation (03CH04-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	310N	187291	0.1MHz ~ 1GHz	Mar. 19, 2020	Mar. 18, 2021	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Dec. 18, 2019	Dec. 17, 2020	Radiation (03CH04-CB
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+22	30MHz – 1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1291	1GHz~18GHz	Oct. 05, 2019	Oct. 04, 2020	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 12, 2019	Jun. 11, 2020	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Apr. 16, 2019	Apr. 15, 2020	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Apr. 15, 2020	Apr. 14, 2021	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Aug. 15, 2019	Aug. 14, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 05, 2020	May 04, 2021	Conducted (TH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-28	1 GHz –26.5 GHz	Nov. 18, 2019	Nov. 17, 2020	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 07, 2020	Feb. 06, 2021	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 07, 2020	Feb. 06, 2021	Conducted (TH01-CB)

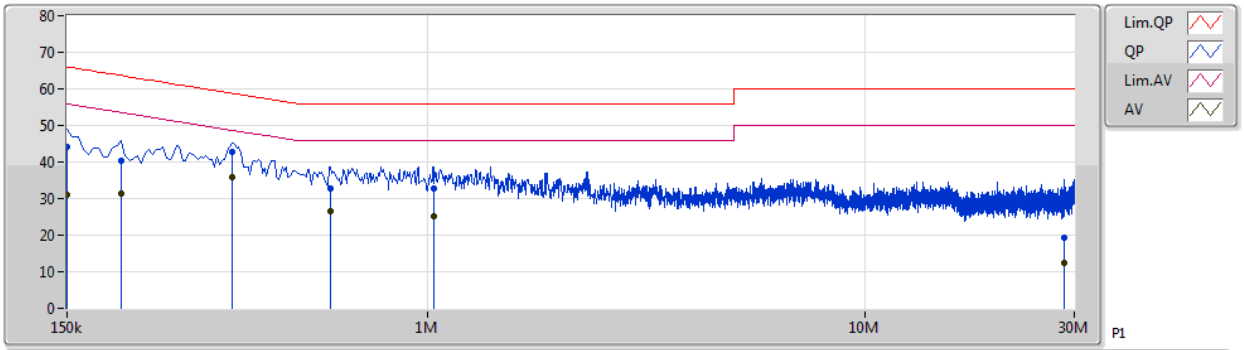
Note: Calibration Interval of instruments listed above is one year.

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

Summary

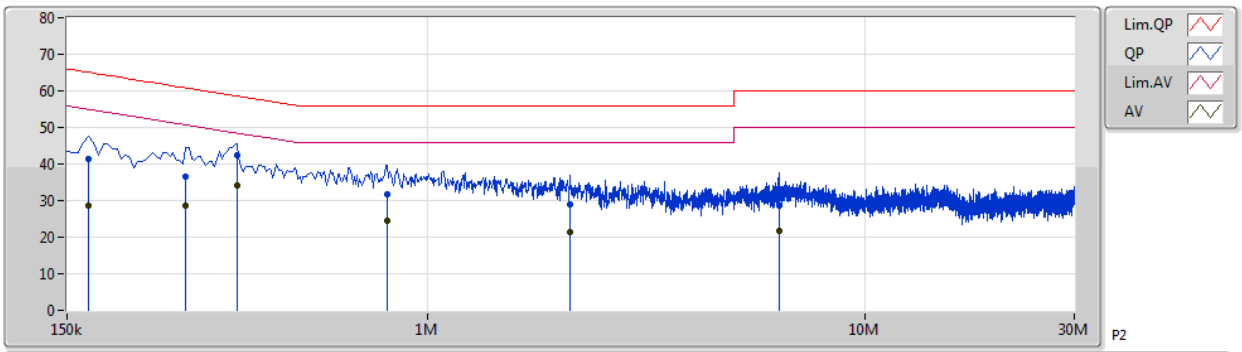
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition
Mode 1	Pass	AV	357k	35.69	48.79	-13.10	10.23	Line

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	43.98	66.00	-22.02	10.20	Line	-	33.78	0.05	0.05	10.10
AV	150k	31.04	56.00	-24.96	10.20	Line	-	20.84	0.05	0.05	10.10
QP	199.5k	40.44	63.63	-23.19	10.22	Line	-	30.22	0.05	0.07	10.10
AV	199.5k	31.35	53.63	-22.28	10.22	Line	-	21.13	0.05	0.07	10.10
QP	357k	42.92	58.79	-15.87	10.23	Line	-	32.69	0.05	0.08	10.10
AV	357k	35.69	48.79	-13.10	10.23	Line	"Worst"	25.46	0.05	0.08	10.10
QP	600k	32.82	56.00	-23.18	10.25	Line	-	22.57	0.05	0.10	10.10
AV	600k	26.39	46.00	-19.61	10.25	Line	-	16.14	0.05	0.10	10.10
QP	1.032M	32.89	56.00	-23.11	10.28	Line	-	22.61	0.06	0.12	10.10
AV	1.032M	25.27	46.00	-20.73	10.28	Line	-	14.99	0.06	0.12	10.10
QP	28.518M	19.41	60.00	-40.59	10.97	Line	-	8.44	0.60	0.24	10.13
AV	28.518M	12.54	50.00	-37.46	10.97	Line	-	1.57	0.60	0.24	10.13

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	168k	41.54	65.06	-23.52	10.21	Neutral	-	31.33	0.05	0.06	10.10
AV	168k	28.60	55.06	-26.46	10.21	Neutral	-	18.39	0.05	0.06	10.10
QP	280.5k	36.48	60.80	-24.32	10.22	Neutral	-	26.26	0.05	0.07	10.10
AV	280.5k	28.68	50.80	-22.12	10.22	Neutral	-	18.46	0.05	0.07	10.10
QP	366k	42.37	58.60	-16.23	10.23	Neutral	-	32.14	0.05	0.08	10.10
AV	366k	34.24	48.60	-14.36	10.23	Neutral	"Worst"	24.01	0.05	0.08	10.10
QP	807k	31.89	56.00	-24.11	10.27	Neutral	-	21.62	0.06	0.11	10.10
AV	807k	24.52	46.00	-21.48	10.27	Neutral	-	14.25	0.06	0.11	10.10
QP	2.112M	28.93	56.00	-27.07	10.34	Neutral	-	18.59	0.08	0.16	10.10
AV	2.112M	21.32	46.00	-24.68	10.34	Neutral	-	10.98	0.08	0.16	10.10
QP	6.338M	28.61	60.00	-31.39	10.42	Neutral	-	18.19	0.15	0.16	10.11
AV	6.338M	21.81	50.00	-28.19	10.42	Neutral	-	11.39	0.15	0.16	10.11

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	29.7M	16.942M	16M9D1D	21.96M	16.792M
802.11ax HEW20_Nss1,(MCS0)_4TX	30.36M	19.22M	19M2D1D	21.21M	19.04M
802.11ax HEW40_Nss1,(MCS0)_4TX	60.3M	37.541M	37M5D1D	39.84M	36.402M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.6M	76.882M	76M9D1D	81.24M	76.642M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.56M	17.211M	17M2D1D	16.29M	16.762M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.93M	19.19M	19M2D1D	18.81M	19.07M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.56M	37.721M	37M7D1D	36.84M	37.601M
802.11ax HEW80_Nss1,(MCS0)_4TX	76.44M	77.241M	77M2D1D	75.36M	77.001M

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	22.26M	16.822M	21.96M	16.912M	29.7M	16.912M	22.32M	16.792M
5200MHz	Pass	Inf	22.05M	16.822M	22.11M	16.912M	26.07M	16.912M	22.44M	16.792M
5240MHz	Pass	Inf	22.26M	16.792M	22.02M	16.942M	22.44M	16.912M	22.35M	16.792M
5745MHz	Pass	500k	16.35M	16.822M	16.53M	16.912M	16.5M	16.972M	16.32M	16.792M
5785MHz	Pass	500k	16.32M	16.942M	16.29M	17.031M	16.35M	17.211M	16.53M	16.942M
5825MHz	Pass	500k	16.32M	16.822M	16.56M	16.882M	16.5M	16.912M	16.32M	16.762M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.48M	19.04M	21.33M	19.07M	21.42M	19.1M	21.57M	19.13M
5200MHz	Pass	Inf	21.21M	19.04M	23.01M	19.04M	24.06M	19.13M	22.62M	19.07M
5240MHz	Pass	Inf	24.06M	19.07M	23.16M	19.1M	30.36M	19.22M	25.47M	19.16M
5745MHz	Pass	500k	18.93M	19.1M	18.9M	19.07M	18.93M	19.16M	18.93M	19.16M
5785MHz	Pass	500k	18.9M	19.1M	18.81M	19.1M	18.9M	19.13M	18.9M	19.16M
5825MHz	Pass	500k	18.9M	19.13M	18.93M	19.13M	18.93M	19.16M	18.9M	19.19M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.08M	37.541M	39.84M	37.481M	39.96M	37.481M	40.08M	37.481M
5230MHz	Pass	Inf	60.3M	36.822M	40.56M	36.402M	40.32M	36.402M	53.22M	36.462M
5755MHz	Pass	500k	37.56M	37.721M	36.84M	37.661M	37.5M	37.601M	37.38M	37.721M
5795MHz	Pass	500k	37.5M	37.661M	36.84M	37.661M	37.5M	37.661M	37.38M	37.721M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.24M	76.882M	81.24M	76.882M	81.6M	76.762M	81.6M	76.642M
5775MHz	Pass	500k	76.08M	77.241M	76.44M	77.001M	75.36M	77.001M	76.44M	77.121M

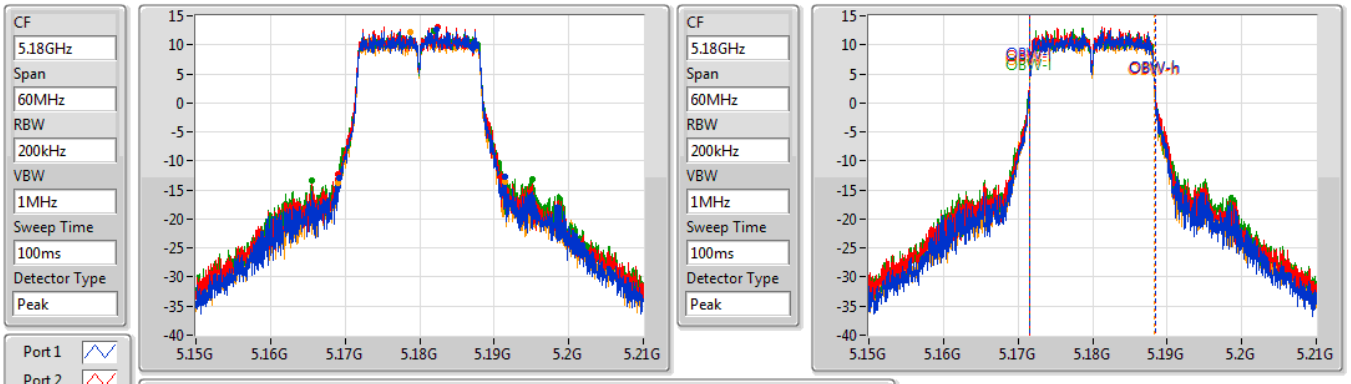
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

04/06/2020



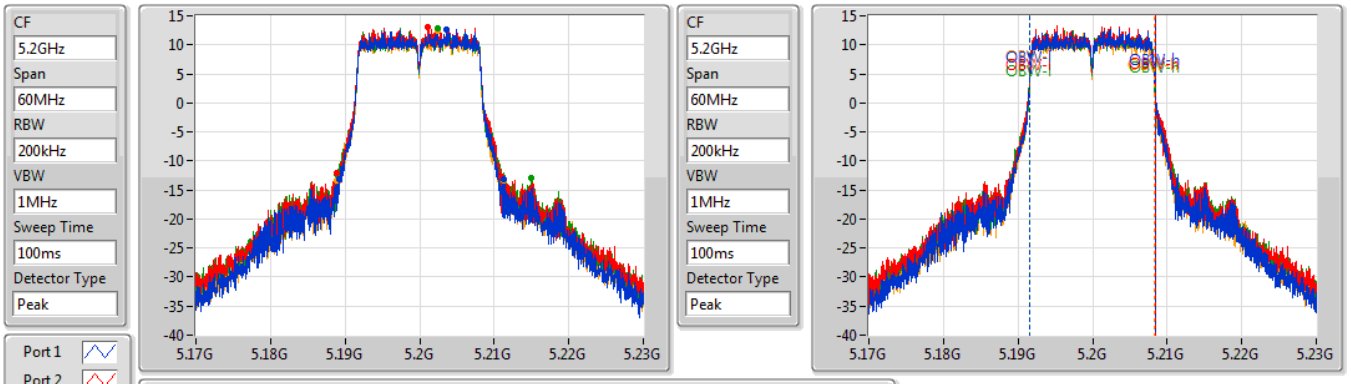
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.26M	5.16917G	5.19143G	16.822M	5.171544G	5.188366G	Inf	1
21.96M	5.16899G	5.19095G	16.912M	5.171514G	5.188426G	Inf	2
29.7M	5.16548G	5.19518G	16.912M	5.171484G	5.188396G	Inf	3
22.32M	5.16905G	5.19137G	16.792M	5.171544G	5.188336G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

04/06/2020



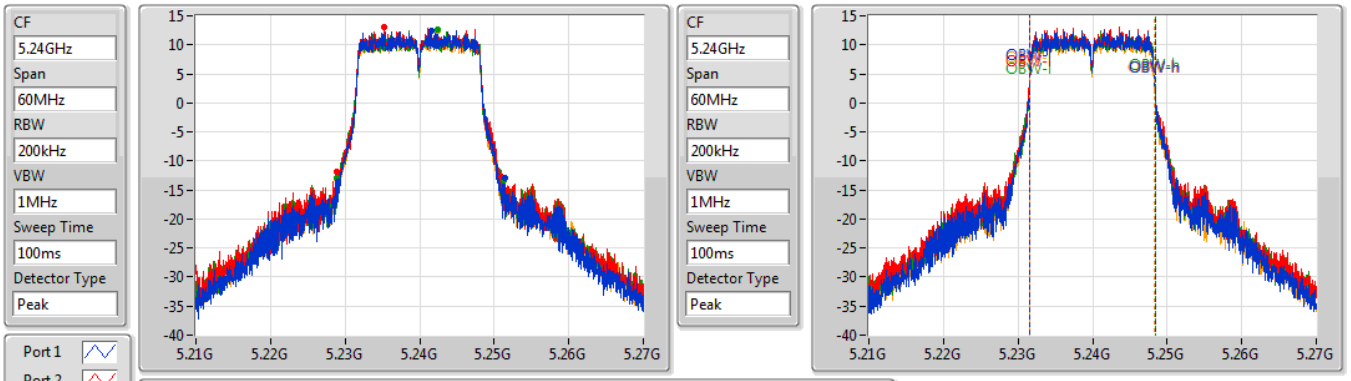
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.05M	5.18917G	5.21122G	16.822M	5.191544G	5.208366G	Inf	1
22.11M	5.18884G	5.21095G	16.912M	5.191484G	5.208396G	Inf	2
26.07M	5.18893G	5.215G	16.912M	5.191484G	5.208396G	Inf	3
22.44M	5.1889G	5.21134G	16.792M	5.191544G	5.208336G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

04/06/2020



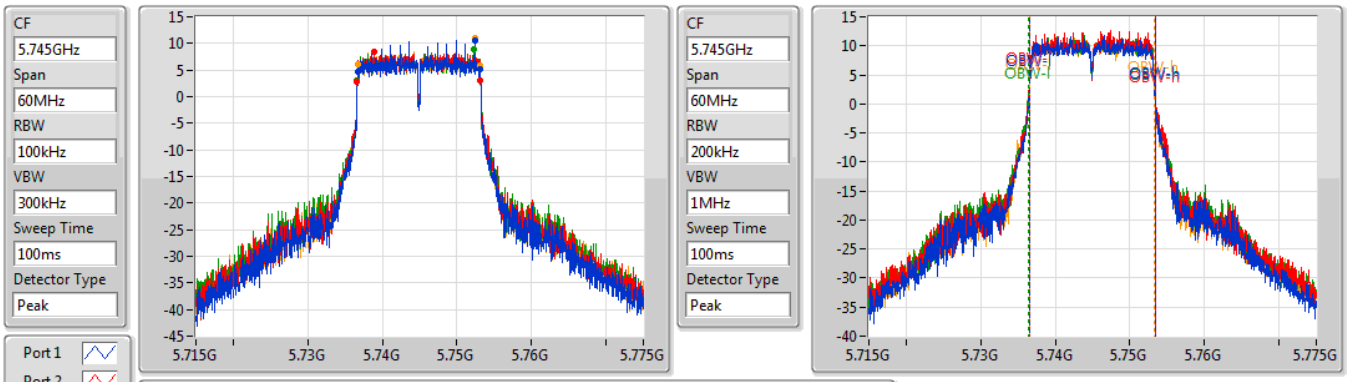
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.26M	5.22911G	5.25137G	16.792M	5.231574G	5.248366G	Inf	1
22.02M	5.2289G	5.25092G	16.942M	5.231484G	5.248426G	Inf	2
22.44M	5.2289G	5.25134G	16.912M	5.231484G	5.248396G	Inf	3
22.35M	5.22893G	5.25128G	16.792M	5.231544G	5.248336G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5745MHz

04/06/2020



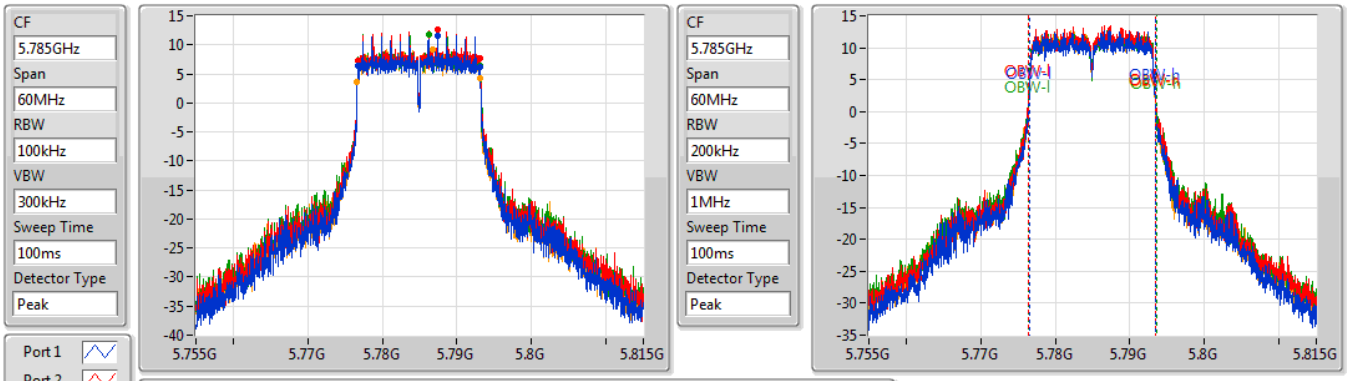
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.73672G	5.75307G	16.822M	5.736544G	5.753366G	500k	1
16.53M	5.73663G	5.75316G	16.912M	5.736514G	5.753426G	500k	2
16.5M	5.73663G	5.75313G	16.972M	5.736424G	5.753396G	500k	3
16.32M	5.73675G	5.75307G	16.792M	5.736514G	5.753306G	500k	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

04/06/2020



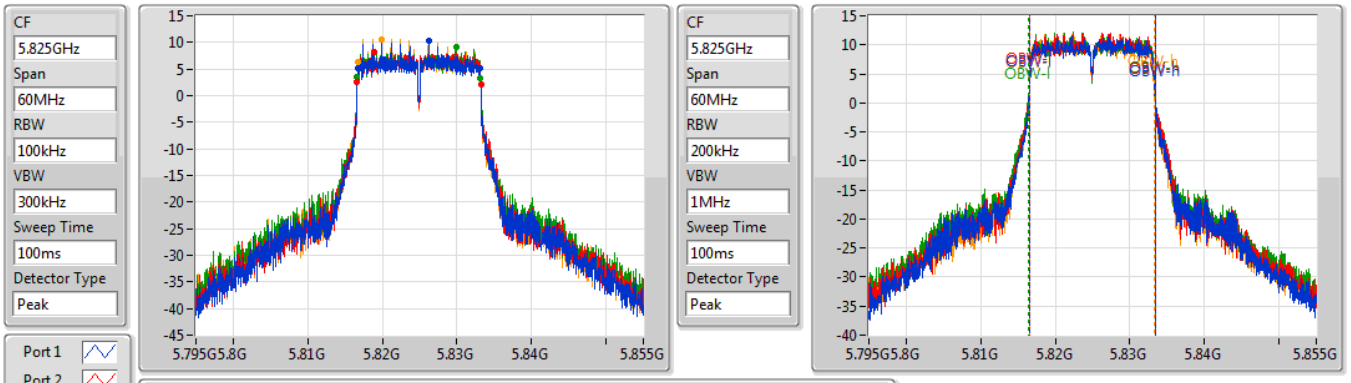
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.77675G	5.79307G	16.942M	5.776484G	5.793426G	500k	1
16.29M	5.77675G	5.79304G	17.031M	5.776454G	5.793486G	500k	2
16.35M	5.77672G	5.79307G	17.211M	5.776334G	5.793546G	500k	3
16.53M	5.77663G	5.79316G	16.942M	5.776454G	5.793396G	500k	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

04/06/2020



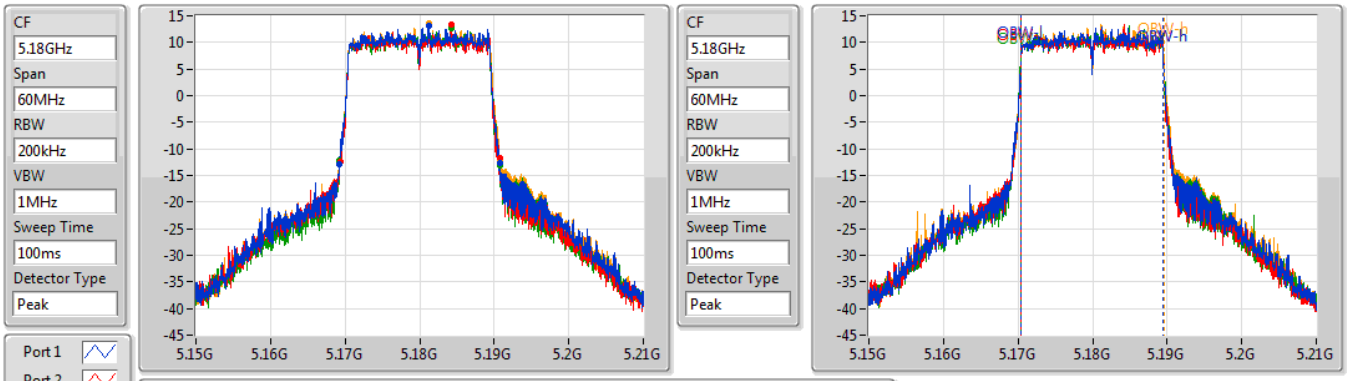
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.81675G	5.83307G	16.822M	5.816544G	5.833366G	500k	1
16.56M	5.81663G	5.83319G	16.882M	5.816514G	5.833396G	500k	2
16.5M	5.81663G	5.83313G	16.912M	5.816454G	5.833366G	500k	3
16.32M	5.81675G	5.83307G	16.762M	5.816514G	5.833276G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5180MHz

11/05/2020



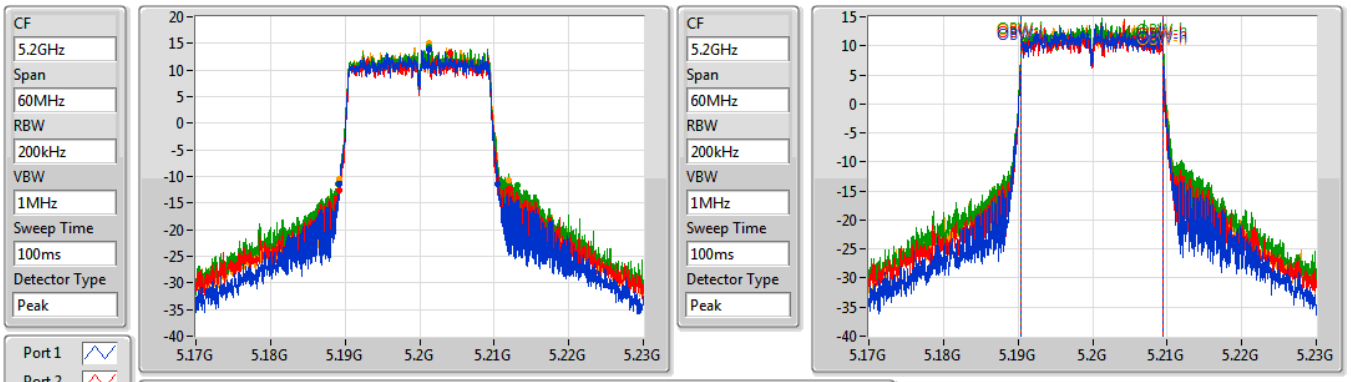
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.16923G	5.19071G	19.04M	5.170435G	5.189475G	Inf	1
21.33M	5.16938G	5.19071G	19.07M	5.170435G	5.189505G	Inf	2
21.42M	5.16929G	5.19071G	19.1M	5.170405G	5.189505G	Inf	3
21.57M	5.16923G	5.1908G	19.13M	5.170435G	5.189565G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5200MHz

02/06/2020



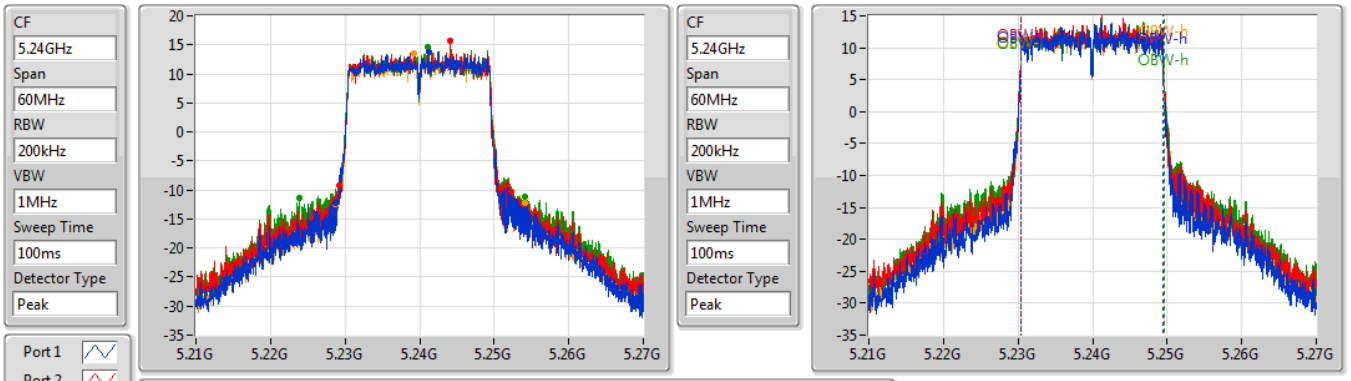
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.21M	5.18929G	5.2105G	19.04M	5.190405G	5.209445G	Inf	1
23.01M	5.18917G	5.21218G	19.04M	5.190405G	5.209445G	Inf	2
24.06M	5.18908G	5.21314G	19.13M	5.190375G	5.209505G	Inf	3
22.62M	5.18929G	5.21191G	19.07M	5.190405G	5.209475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5240MHz

04/06/2020



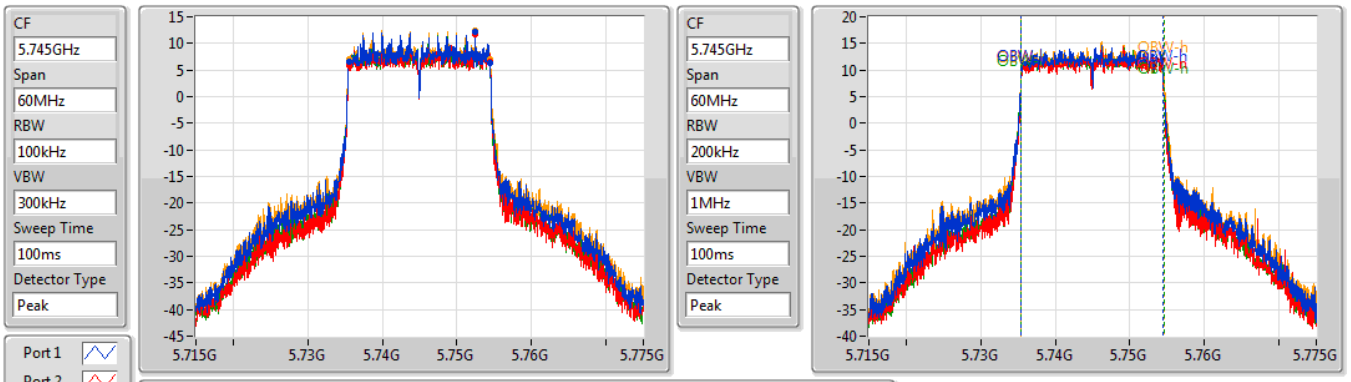
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.06M	5.22869G	5.25275G	19.07M	5.230375G	5.249445G	Inf	1
23.16M	5.22914G	5.2523G	19.1M	5.230375G	5.249475G	Inf	2
30.36M	5.2238G	5.25416G	19.22M	5.230315G	5.249535G	Inf	3
25.47M	5.22869G	5.25416G	19.16M	5.230375G	5.249535G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5745MHz

11/05/2020



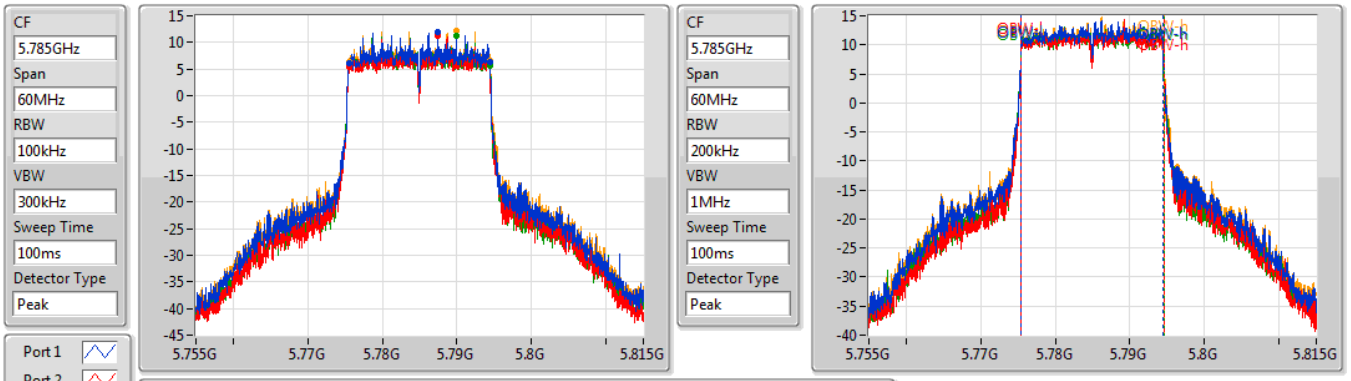
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.93M	5.73552G	5.75445G	19.1M	5.735405G	5.754505G	500k	1
18.9M	5.73555G	5.75445G	19.07M	5.735435G	5.754505G	500k	2
18.93M	5.73549G	5.75442G	19.16M	5.735405G	5.754565G	500k	3
18.93M	5.73549G	5.75442G	19.16M	5.735405G	5.754565G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5785MHz

11/05/2020



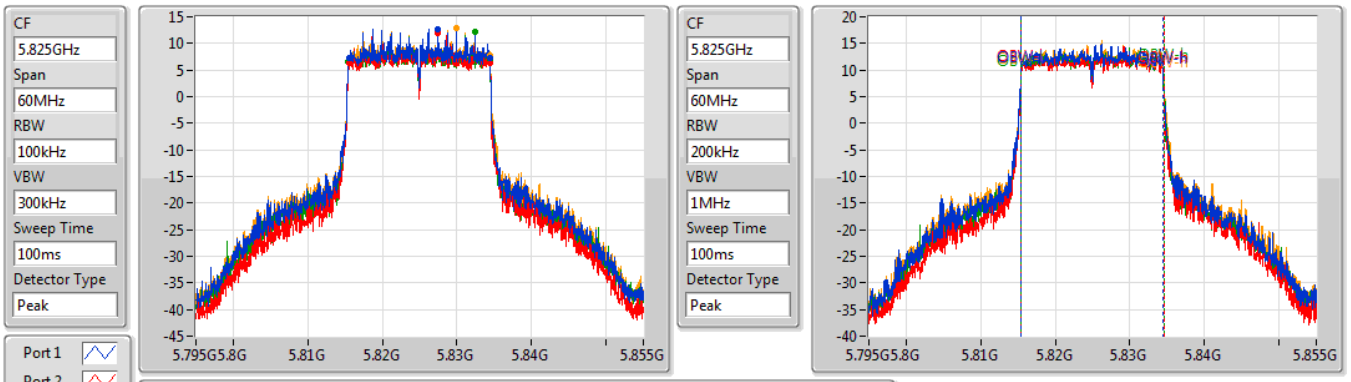
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.77549G	5.79439G	19.1M	5.775405G	5.794505G	500k	1
18.81M	5.77561G	5.79442G	19.1M	5.775435G	5.794535G	500k	2
18.9M	5.77549G	5.79439G	19.13M	5.775405G	5.794535G	500k	3
18.9M	5.77552G	5.79442G	19.16M	5.775405G	5.794565G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5825MHz

11/05/2020



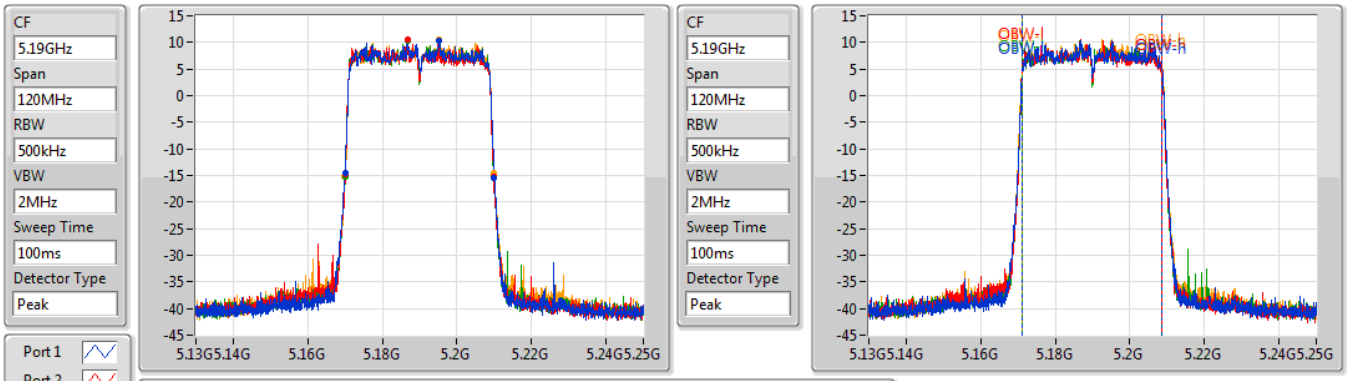
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.81549G	5.83439G	19.13M	5.815375G	5.834505G	500k	1
18.93M	5.81549G	5.83442G	19.13M	5.815405G	5.834535G	500k	2
18.93M	5.81546G	5.83439G	19.16M	5.815375G	5.834535G	500k	3
18.9M	5.81549G	5.83439G	19.19M	5.815375G	5.834565G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5190MHz

11/05/2020



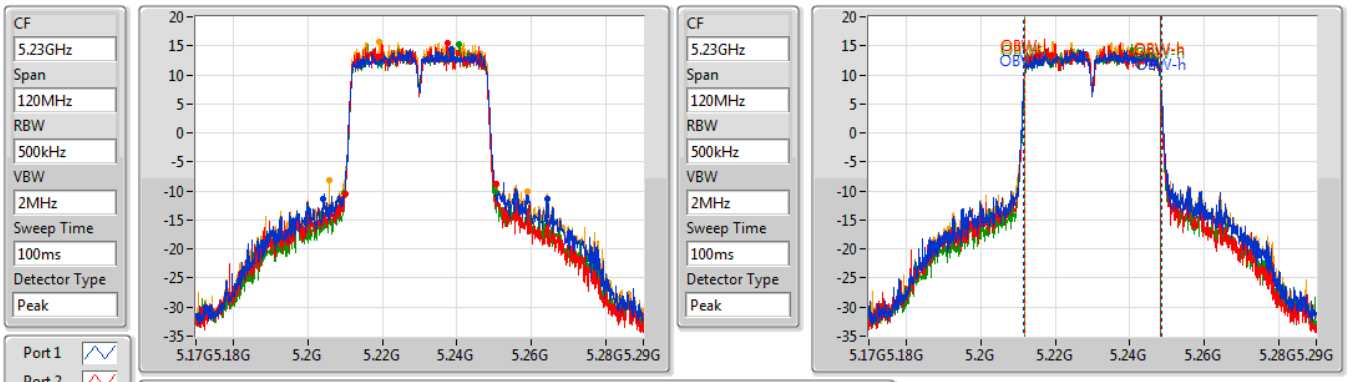
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.16996G	5.21004G	37.541M	5.171169G	5.208711G	Inf	1
39.84M	5.17002G	5.20986G	37.481M	5.171169G	5.208651G	Inf	2
39.96M	5.17002G	5.20998G	37.481M	5.171229G	5.208711G	Inf	3
40.08M	5.16984G	5.20992G	37.481M	5.171169G	5.208651G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5230MHz

11/05/2020



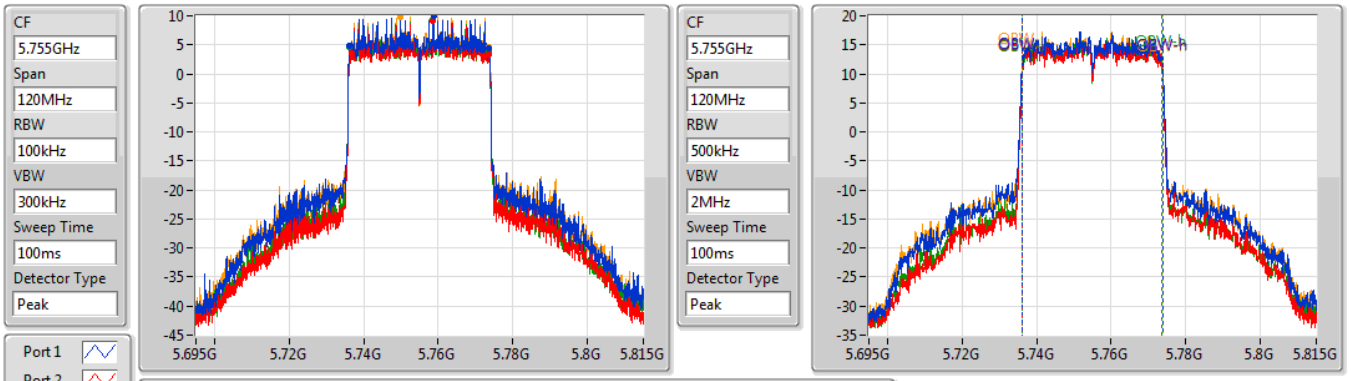
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
60.3M	5.20402G	5.26432G	36.822M	5.211589G	5.248411G	Inf	1
40.56M	5.20996G	5.25052G	36.402M	5.211709G	5.248111G	Inf	2
40.32M	5.2099G	5.25022G	36.402M	5.211769G	5.248171G	Inf	3
53.22M	5.20576G	5.25898G	36.462M	5.211769G	5.248231G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5755MHz

11/05/2020



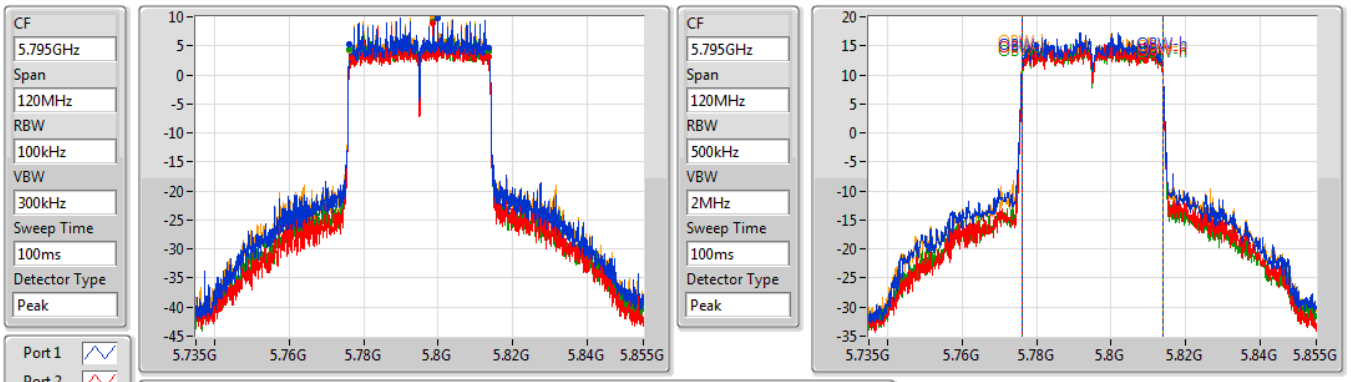
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.56M	5.7361G	5.77366G	37.721M	5.736049G	5.773771G	500k	1
36.84M	5.73664G	5.77348G	37.661M	5.736109G	5.773771G	500k	2
37.5M	5.73616G	5.77366G	37.601M	5.736109G	5.773711G	500k	3
37.38M	5.7361G	5.77348G	37.721M	5.736049G	5.773771G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5795MHz

11/05/2020



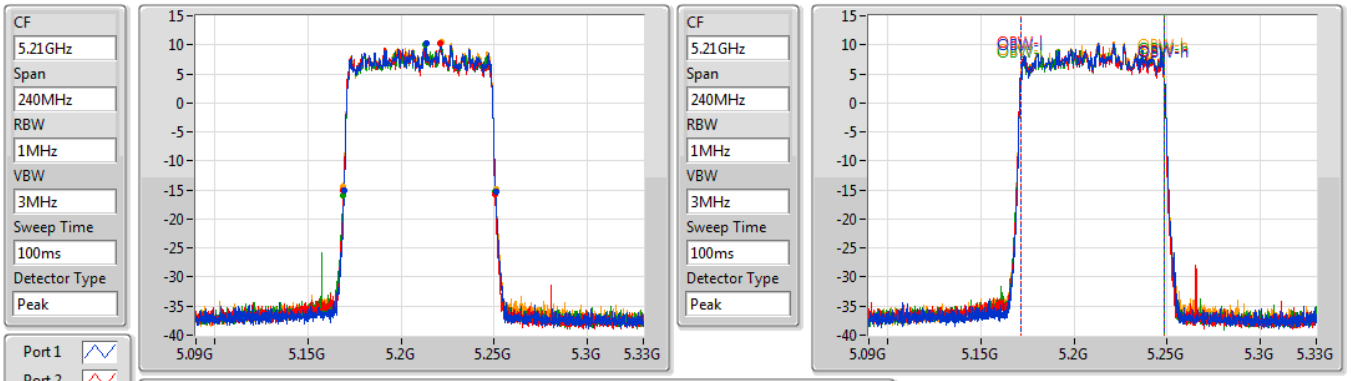
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.5M	5.77616G	5.81366G	37.661M	5.776109G	5.813771G	500k	1
36.84M	5.7767G	5.81354G	37.661M	5.776109G	5.813771G	500k	2
37.5M	5.77616G	5.81366G	37.661M	5.776109G	5.813771G	500k	3
37.38M	5.7761G	5.81348G	37.721M	5.776049G	5.813771G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5210MHz

11/05/2020



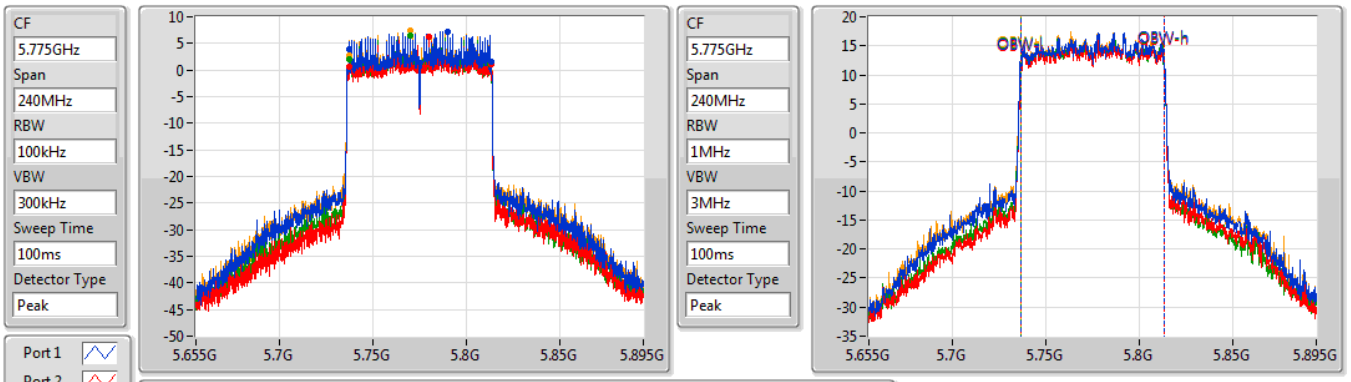
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	5.16956G	5.2508G	76.882M	5.171499G	5.248381G	Inf	1
81.24M	5.1692G	5.25044G	76.882M	5.171499G	5.248381G	Inf	2
81.6M	5.16896G	5.25056G	76.762M	5.171619G	5.248381G	Inf	3
81.6M	5.1692G	5.2508G	76.642M	5.171739G	5.248381G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5775MHz

11/05/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.08M	5.73732G	5.8134G	77.241M	5.736379G	5.813621G	500k	1
76.44M	5.73732G	5.81376G	77.001M	5.736619G	5.813621G	500k	2
75.36M	5.73732G	5.81268G	77.001M	5.736499G	5.813501G	500k	3
76.44M	5.73732G	5.81376G	77.121M	5.736499G	5.813621G	500k	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.21	0.83368
802.11ax HEW20_Nss1,(MCS0)_4TX	29.98	0.99541
802.11ax HEW40_Nss1,(MCS0)_4TX	29.88	0.97275
802.11ax HEW80_Nss1,(MCS0)_4TX	22.95	0.19724
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.56	0.90365
802.11ax HEW20_Nss1,(MCS0)_4TX	29.86	0.96828
802.11ax HEW40_Nss1,(MCS0)_4TX	29.95	0.98855
802.11ax HEW80_Nss1,(MCS0)_4TX	29.94	0.98628

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	3.42	23.01	23.30	23.35	22.42	29.06	30.00
5200MHz	Pass	3.42	23.12	23.40	23.42	22.78	29.21	30.00
5240MHz	Pass	3.42	22.91	23.36	23.18	22.72	29.07	30.00
5745MHz	Pass	4.64	22.12	22.71	22.75	22.36	28.51	30.00
5785MHz	Pass	4.64	23.05	23.83	23.73	23.51	29.56	30.00
5825MHz	Pass	4.64	22.10	22.53	22.50	22.48	28.43	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.42	22.43	21.92	22.58	22.97	28.51	30.00
5200MHz	Pass	3.42	23.85	24.25	24.26	23.44	29.98	30.00
5240MHz	Pass	3.42	23.54	24.23	23.95	23.43	29.82	30.00
5745MHz	Pass	4.64	23.93	23.11	23.43	24.08	29.68	30.00
5785MHz	Pass	4.64	23.68	22.85	23.05	23.84	29.40	30.00
5825MHz	Pass	4.64	24.14	23.31	23.60	24.25	29.86	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.42	17.40	17.33	17.39	17.91	23.53	30.00
5230MHz	Pass	3.42	24.18	23.39	23.49	24.29	29.88	30.00
5755MHz	Pass	4.64	24.20	23.38	23.57	24.49	29.95	30.00
5795MHz	Pass	4.64	24.20	23.41	23.45	24.35	29.89	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.42	16.87	16.84	16.78	17.23	22.95	30.00
5775MHz	Pass	4.64	24.37	23.25	23.63	24.32	29.94	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	16.18
802.11ax HEW20_Nss1,(MCS0)_4TX	16.34
802.11ax HEW40_Nss1,(MCS0)_4TX	13.58
802.11ax HEW80_Nss1,(MCS0)_4TX	3.86
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.01
802.11ax HEW20_Nss1,(MCS0)_4TX	14.81
802.11ax HEW40_Nss1,(MCS0)_4TX	12.06
802.11ax HEW80_Nss1,(MCS0)_4TX	9.42

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

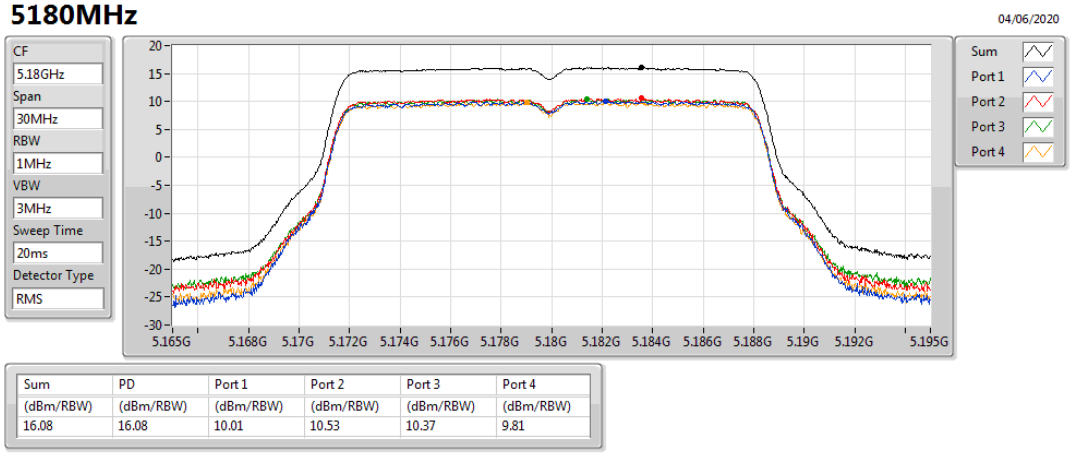
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.63	10.01	10.53	10.37	9.81	16.08	16.37
5200MHz	Pass	6.63	10.15	10.69	10.41	9.98	16.18	16.37
5240MHz	Pass	6.63	10.11	10.51	10.48	9.79	16.14	16.37
5745MHz	Pass	7.30	7.73	8.51	8.29	8.09	14.00	28.70
5785MHz	Pass	7.30	8.66	9.49	9.31	9.13	15.01	28.70
5825MHz	Pass	7.30	7.74	8.25	7.99	8.00	13.87	28.70
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.63	8.47	7.97	8.28	8.75	14.30	16.37
5200MHz	Pass	6.63	10.23	10.64	10.92	10.04	16.34	16.37
5240MHz	Pass	6.63	10.19	10.66	10.53	9.98	16.27	16.37
5745MHz	Pass	7.30	8.77	8.07	8.35	9.04	14.54	28.70
5785MHz	Pass	7.30	8.42	7.72	7.91	8.61	14.09	28.70
5825MHz	Pass	7.30	9.24	8.47	8.67	9.27	14.81	28.70
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.63	1.06	1.00	0.94	1.43	7.05	16.37
5230MHz	Pass	6.63	7.98	7.34	7.22	8.12	13.58	16.37
5755MHz	Pass	7.30	6.40	5.66	5.80	6.54	12.06	28.70
5795MHz	Pass	7.30	6.34	5.64	5.68	6.46	11.99	28.70
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.63	-2.23	-2.18	-2.17	-1.74	3.86	16.37
5775MHz	Pass	7.30	3.69	2.99	3.25	3.94	9.42	28.70

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

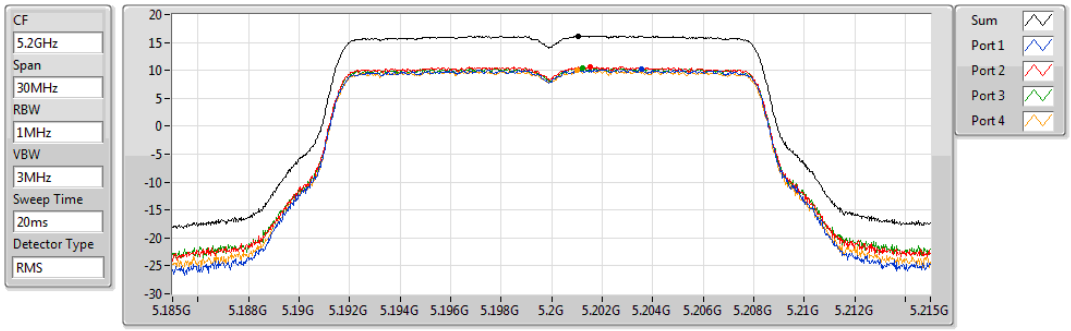
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.08	16.08	10.01	10.53	10.37	9.81

802.11a_Nss1,(6Mbps)_4TX PSD

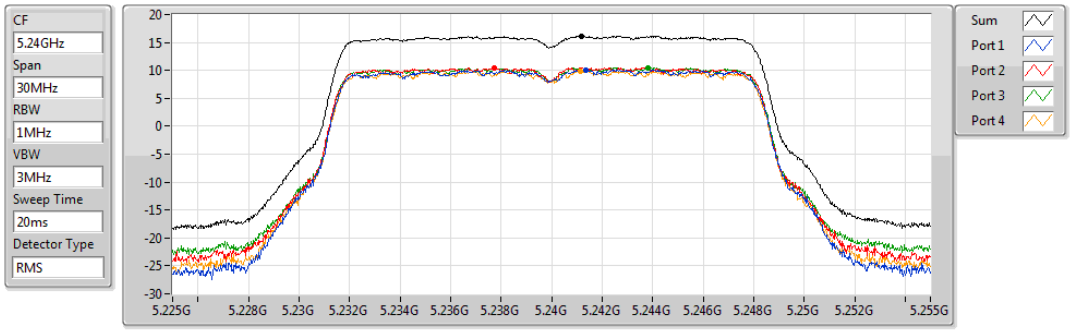
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.18	16.18	10.15	10.69	10.41	9.98

802.11a_Nss1,(6Mbps)_4TX PSD

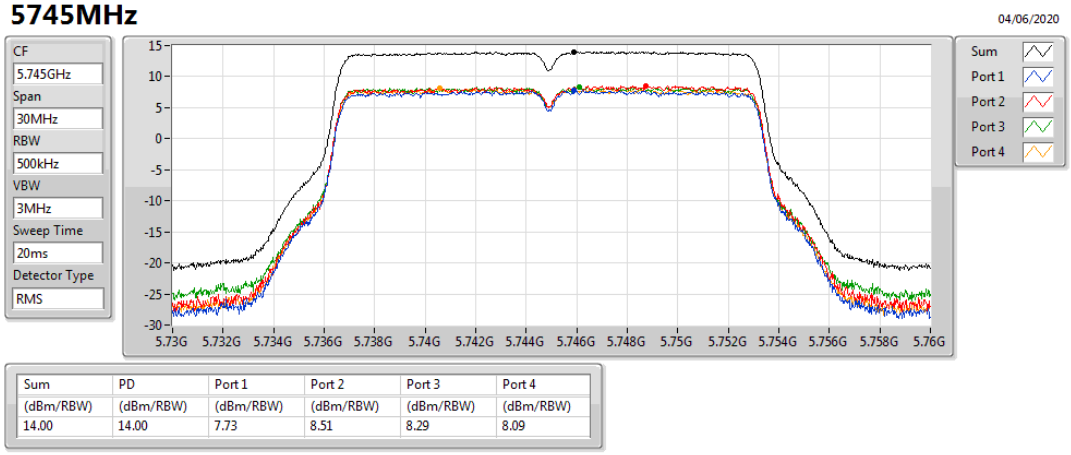
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.14	16.14	10.11	10.51	10.48	9.79

802.11a_Nss1,(6Mbps)_4TX PSD

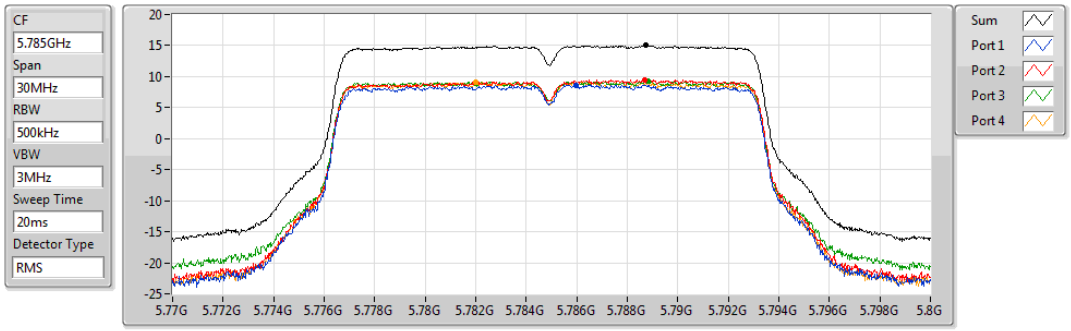
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.00	14.00	7.73	8.51	8.29	8.09

802.11a_Nss1,(6Mbps)_4TX PSD

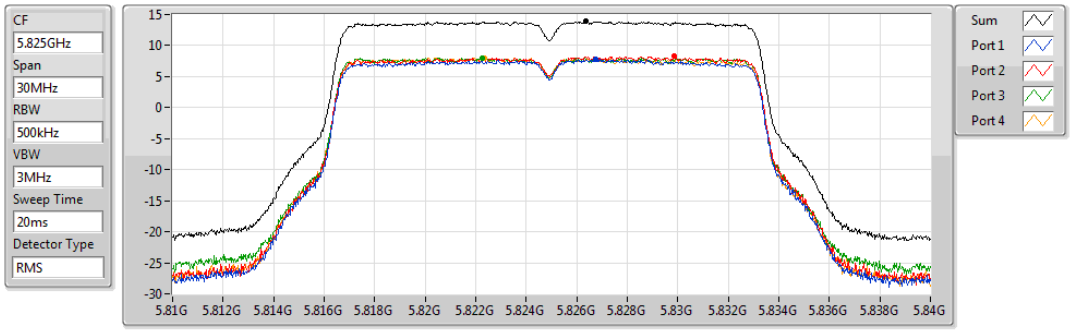
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.01	15.01	8.66	9.49	9.31	9.13

802.11a_Nss1,(6Mbps)_4TX PSD

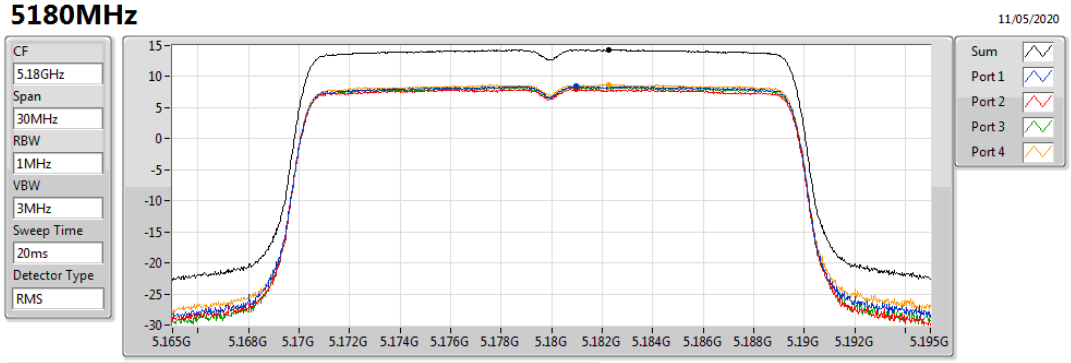
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.87	13.87	7.74	8.25	7.99	8.00

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

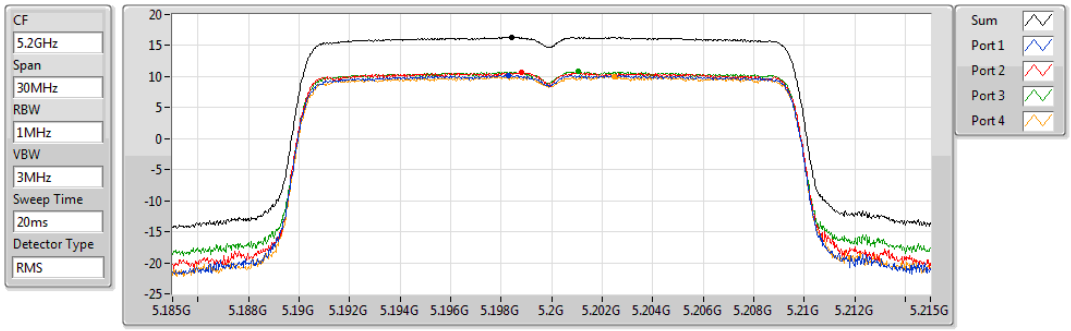
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.30	14.30	8.47	7.97	8.28	8.75

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

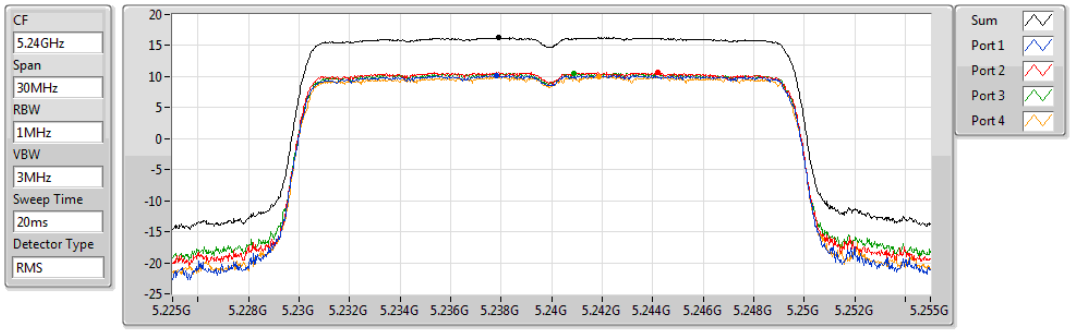
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.34	16.34	10.23	10.64	10.92	10.04

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

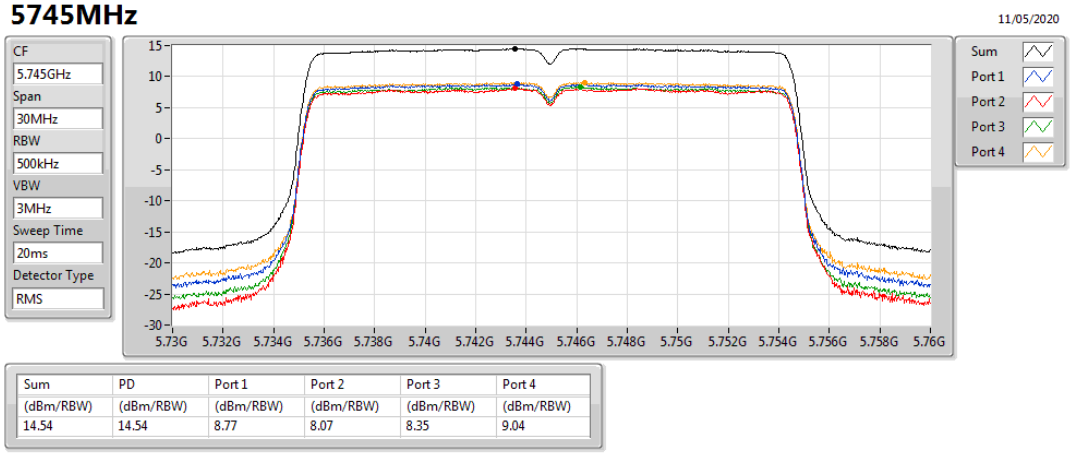
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.27	16.27	10.19	10.66	10.53	9.98

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

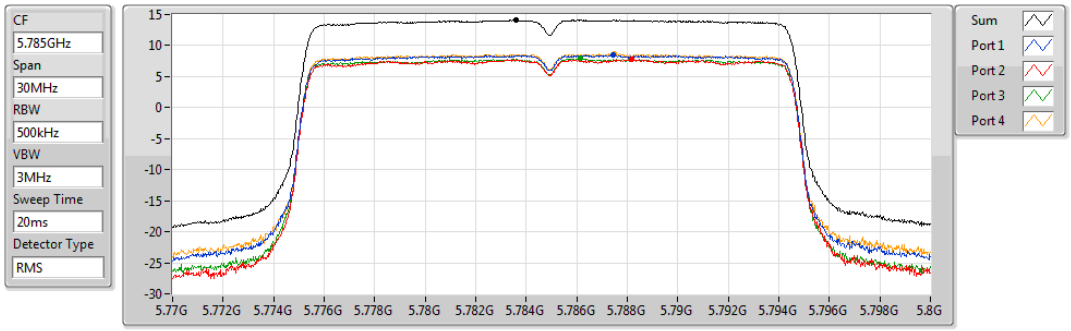
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.54	14.54	8.77	8.07	8.35	9.04

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

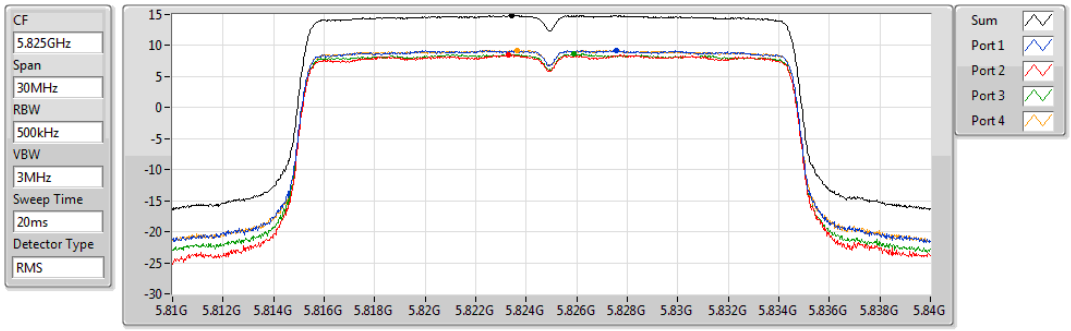
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.09	14.09	8.42	7.72	7.91	8.61

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

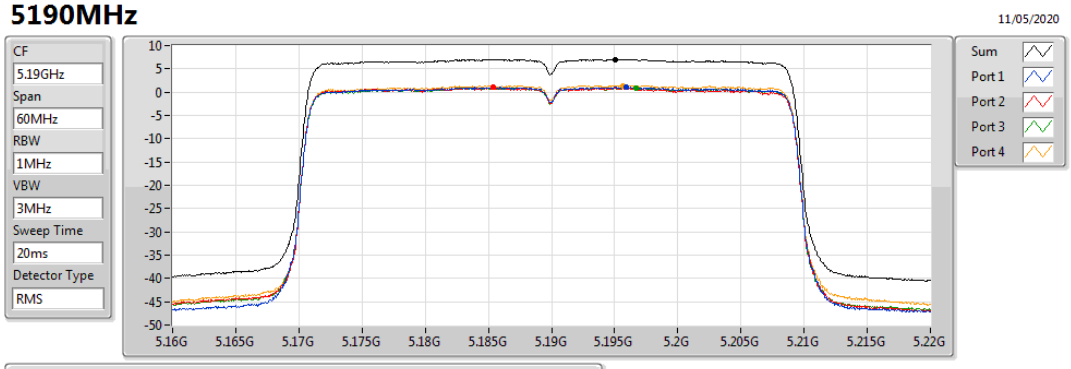
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.81	14.81	9.24	8.47	8.67	9.27

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

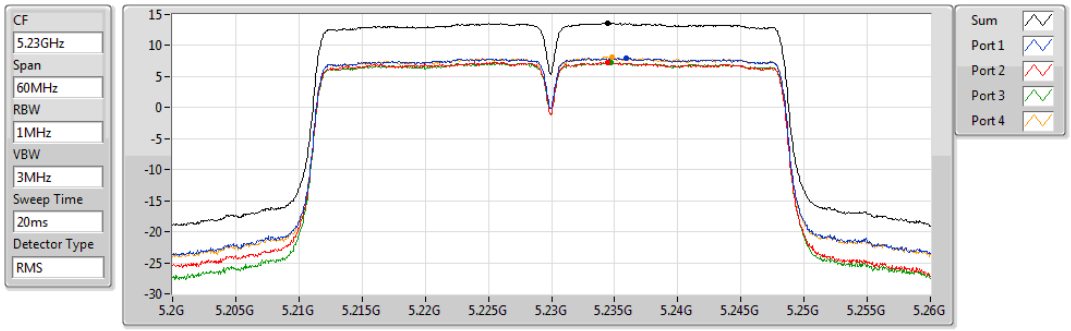
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.05	7.05	1.06	1.00	0.94	1.43

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

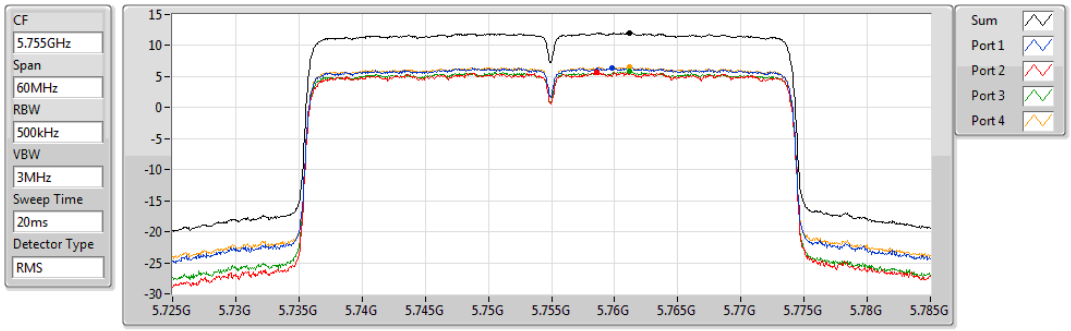
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.58	13.58	7.98	7.34	7.22	8.12

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

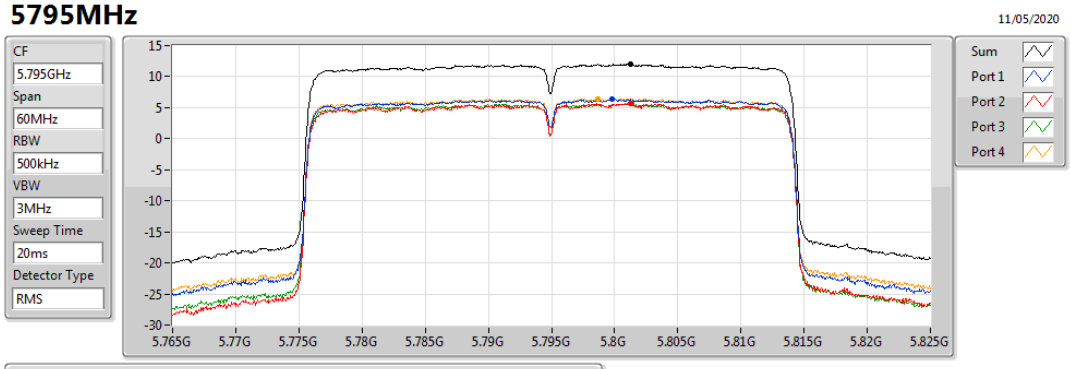
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.06	12.06	6.40	5.66	5.80	6.54

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

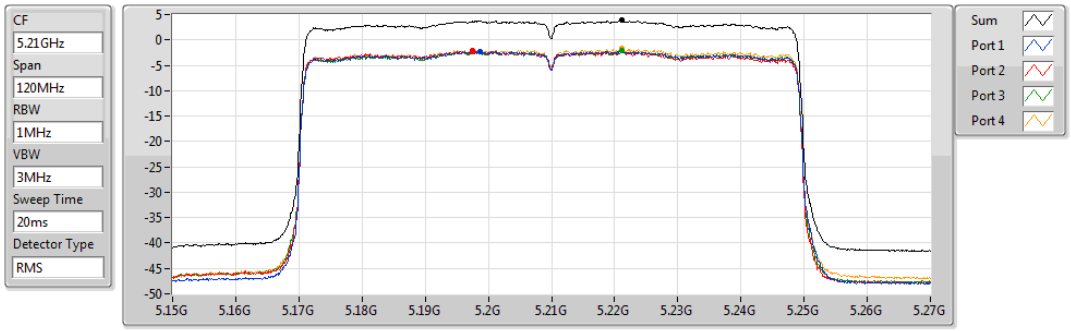
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.99	11.99	6.34	5.64	5.68	6.46

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

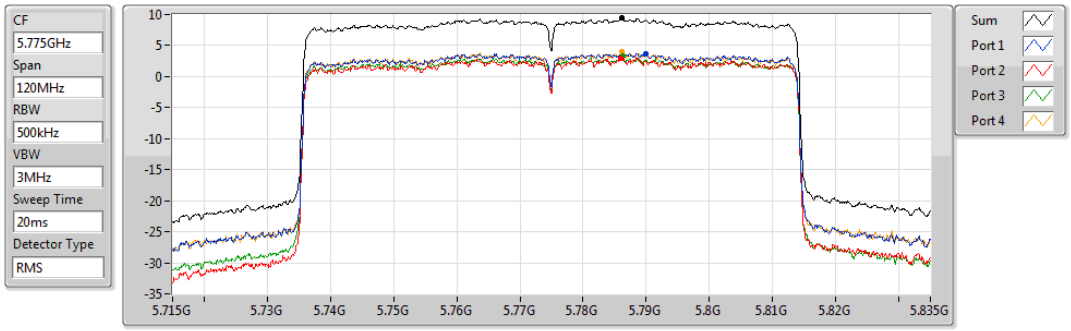
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.86	3.86	-2.23	-2.18	-2.17	-1.74

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5775MHz

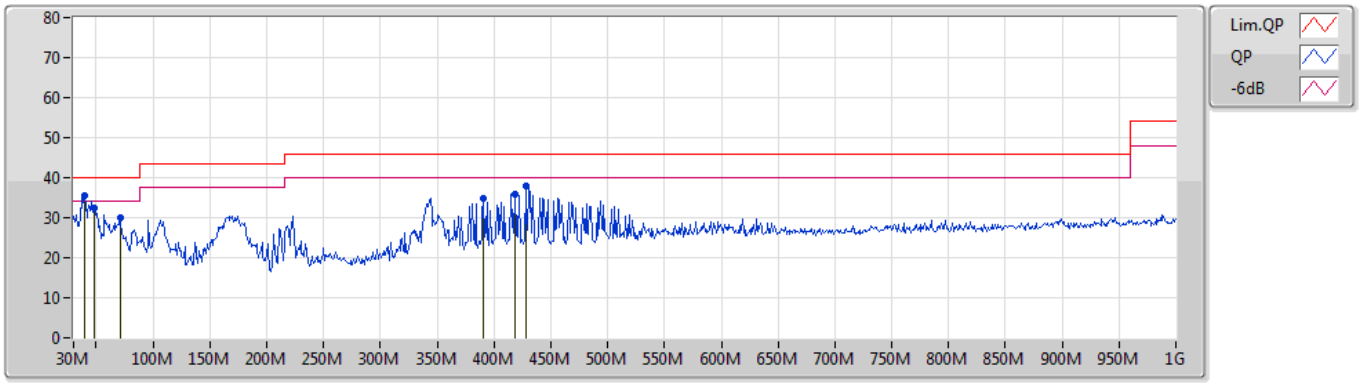


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.42	9.42	3.69	2.99	3.25	3.94

Summary

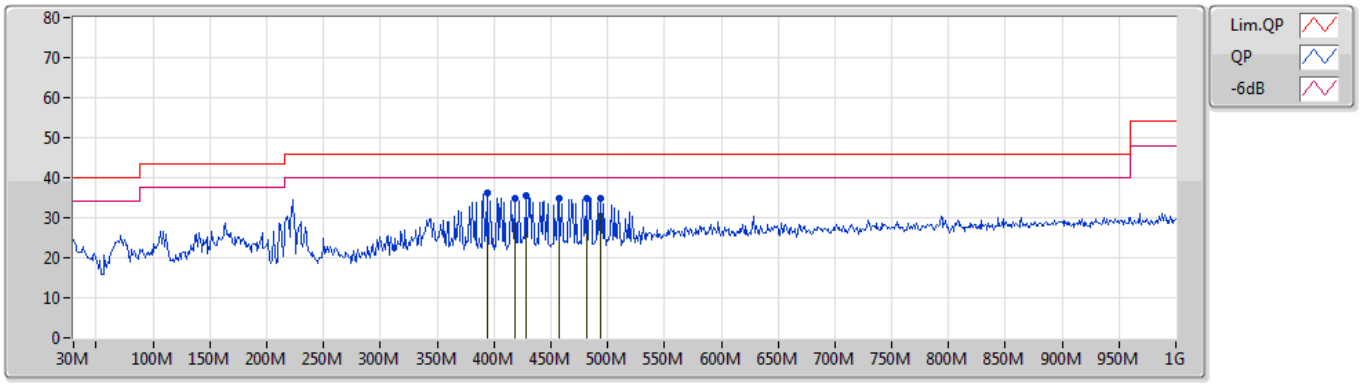
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	PK	39.7M	35.38	40.00	-4.62	Vertical

Mode 3



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	39.7M	35.38	40.00	-4.62	-10.89	3	Vertical	280	1.00	"Worst"	46.27	19.23	1.39	31.51
PK	48.43M	32.36	40.00	-7.64	-15.34	3	Vertical	349	1.00	-	47.70	15.15	1.20	31.69
PK	70.74M	30.16	40.00	-9.84	-18.04	3	Vertical	245	1.50	-	48.20	12.54	1.30	31.88
PK	390.84M	34.75	46.00	-11.25	-8.60	3	Vertical	180	1.00	-	43.35	20.73	2.85	32.18
PK	418.97M	35.97	46.00	-10.03	-7.35	3	Vertical	188	1.00	-	43.32	21.98	2.90	32.23
PK	427.7M	37.94	46.00	-8.06	-7.34	3	Vertical	197	1.00	-	45.28	22.01	2.90	32.25

Mode 3



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	393.75M	36.07	46.00	-9.93	-8.46	3	Horizontal	136	1.00	"Worst"	44.53	20.86	2.86	32.18
PK	418M	34.86	46.00	-11.14	-7.39	3	Horizontal	136	2.00	-	42.25	21.94	2.90	32.23
PK	427.7M	35.55	46.00	-10.45	-7.34	3	Horizontal	136	2.00	-	42.89	22.01	2.90	32.25
PK	456.8M	34.92	46.00	-11.08	-6.97	3	Horizontal	240	2.00	-	41.89	22.42	2.93	32.32
PK	481.05M	34.99	46.00	-11.01	-6.58	3	Horizontal	154	1.50	-	41.57	22.80	3.03	32.41
PK	493.66M	34.81	46.00	-11.19	-6.47	3	Horizontal	154	1.50	-	41.28	22.91	3.08	32.46

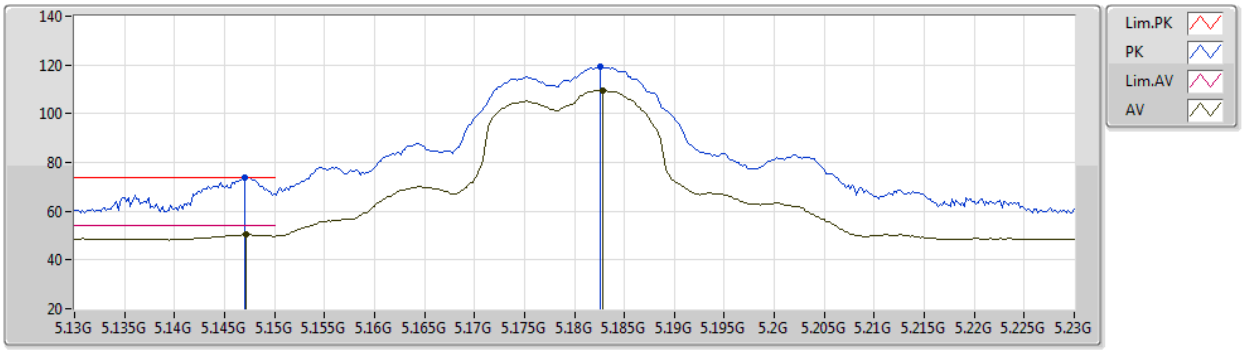
Summary

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	5.651G	68.84	68.94	-0.10	3	Vertical	266	1.40	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

02/06/2020



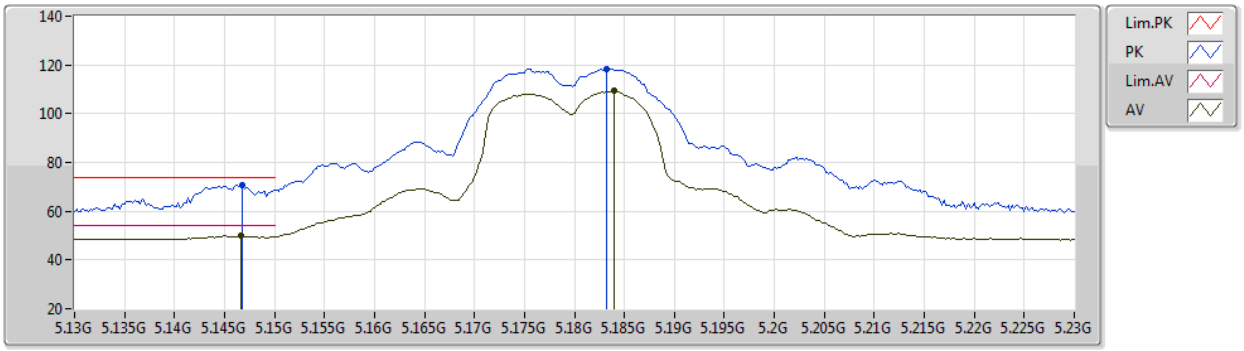
EUT Y_4TX
Setting 91
02-B-K-3-10

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	5.147G	73.86	74.00	-0.14	64.82	3	Vertical	232	1.54	-	33.45	5.97	30.38
AV	5.1472G	50.51	54.00	-3.49	41.47	3	Vertical	232	1.54	-	33.45	5.97	30.38
PK	5.1826G	119.38	Inf	-Inf	110.30	3	Vertical	232	1.54	-	33.48	5.99	30.39
AV	5.1828G	109.66	Inf	-Inf	100.58	3	Vertical	232	1.54	-	33.48	5.99	30.39

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

02/06/2020



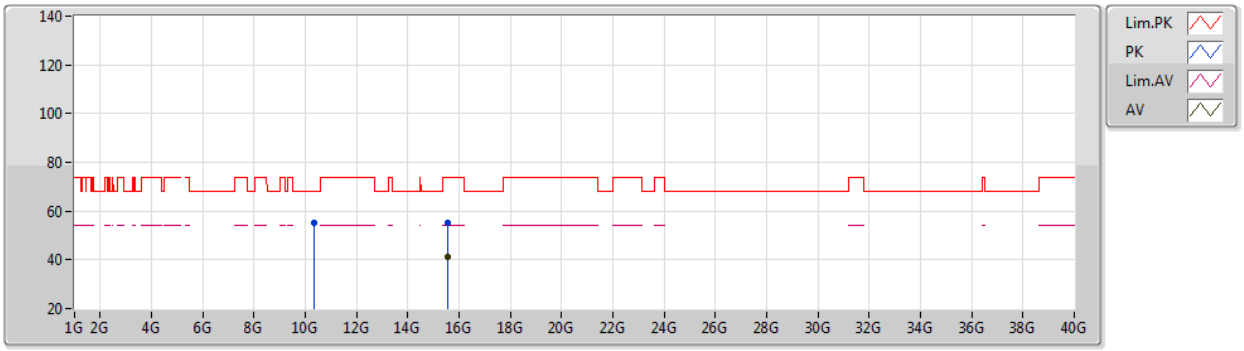
EUT Y_4TX
Setting 91
02-B-K-3-10

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	5.1468G	70.75	74.00	-3.25	61.71	3	Horizontal	5	2.03	-	33.45	5.97	30.38
AV	5.1466G	49.77	54.00	-4.23	40.73	3	Horizontal	5	2.03	-	33.45	5.97	30.38
PK	5.1832G	118.43	Inf	-Inf	109.35	3	Horizontal	5	2.03	-	33.48	5.99	30.39
AV	5.184G	109.26	Inf	-Inf	100.19	3	Horizontal	5	2.03	-	33.48	5.99	30.40

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

02/06/2020



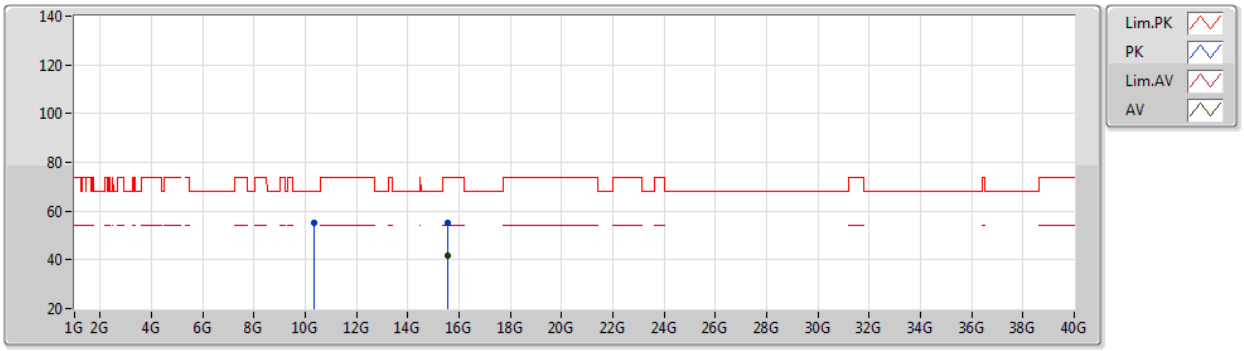
EUT Y_4TX
Setting 91
02-B-K-3

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	10.35792G	55.05	68.20	-13.15	39.14	3	Vertical	284	1.36	-	38.89	8.51	31.49
PK	15.53708G	55.08	74.00	-18.92	39.07	3	Vertical	263	1.78	-	38.74	9.25	31.98
AV	15.54457G	41.37	54.00	-12.63	25.38	3	Vertical	263	1.78	-	38.72	9.25	31.98

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

02/06/2020



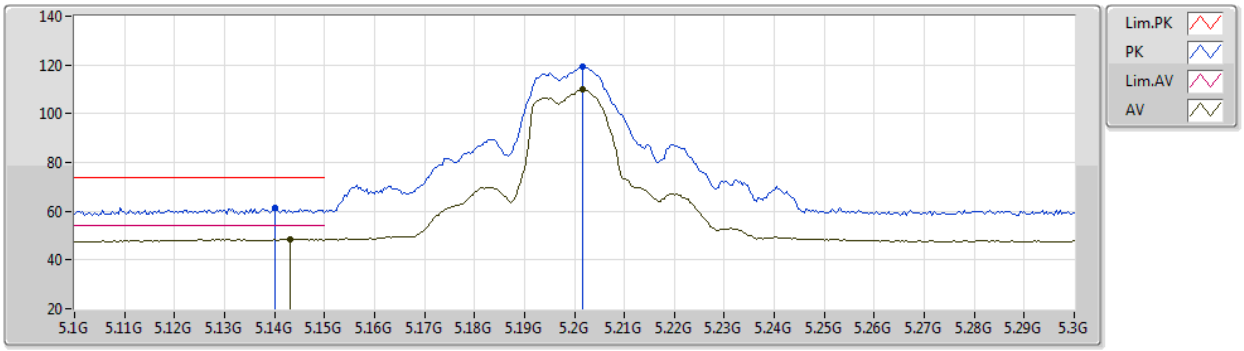
EUT Y_4TX
Setting 91
02-B-K-3

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	10.35976G	55.09	68.20	-13.11	39.19	3	Horizontal	119	1.80	-	38.88	8.51	31.49
PK	15.53976G	55.40	74.00	-18.60	39.40	3	Horizontal	68	1.68	-	38.73	9.25	31.98
AV	15.5394G	41.84	54.00	-12.16	25.83	3	Horizontal	68	1.68	-	38.74	9.25	31.98

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

02/06/2020



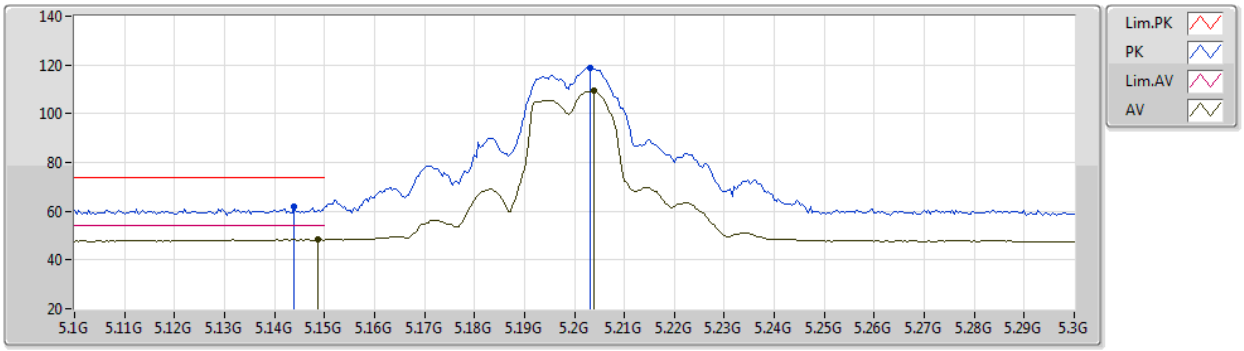
EUT Y_4TX
Setting 96
02-B-K-3-10

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	61.48	74.00	-12.52	52.45	3	Vertical	229	1.90	-	33.44	5.97	30.38
AV	5.1432G	48.52	54.00	-5.48	39.49	3	Vertical	229	1.90	-	33.44	5.97	30.38
PK	5.2016G	119.29	Inf	-Inf	110.19	3	Vertical	229	1.90	-	33.50	6.00	30.40
AV	5.2016G	109.76	Inf	-Inf	100.66	3	Vertical	229	1.90	-	33.50	6.00	30.40

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

02/06/2020



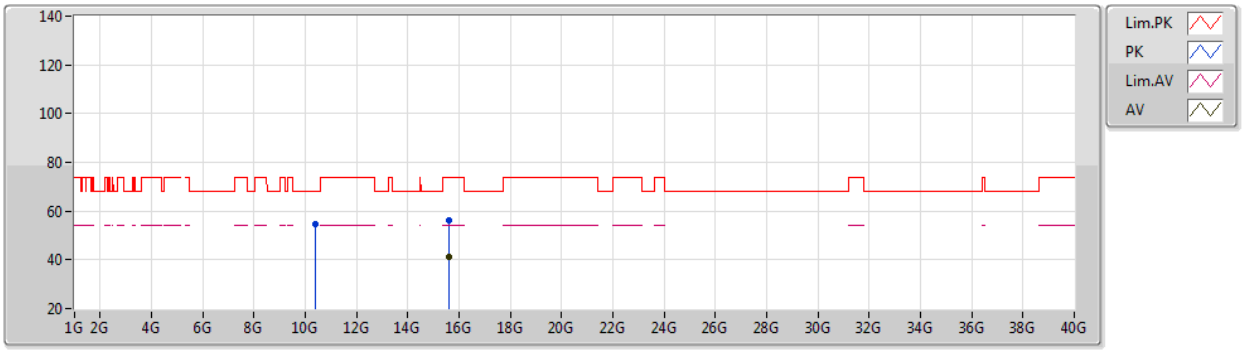
EUT Y_4TX
Setting 96
02-B-K-3-10

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	5.144G	61.75	74.00	-12.25	52.72	3	Horizontal	15	1.71	-	33.44	5.97	30.38
AV	5.1488G	48.36	54.00	-5.64	39.32	3	Horizontal	15	1.71	-	33.45	5.97	30.38
PK	5.2032G	118.69	Inf	-Inf	109.58	3	Horizontal	15	1.71	-	33.51	6.00	30.40
AV	5.204G	109.33	Inf	-Inf	100.22	3	Horizontal	15	1.71	-	33.51	6.00	30.40

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

02/06/2020



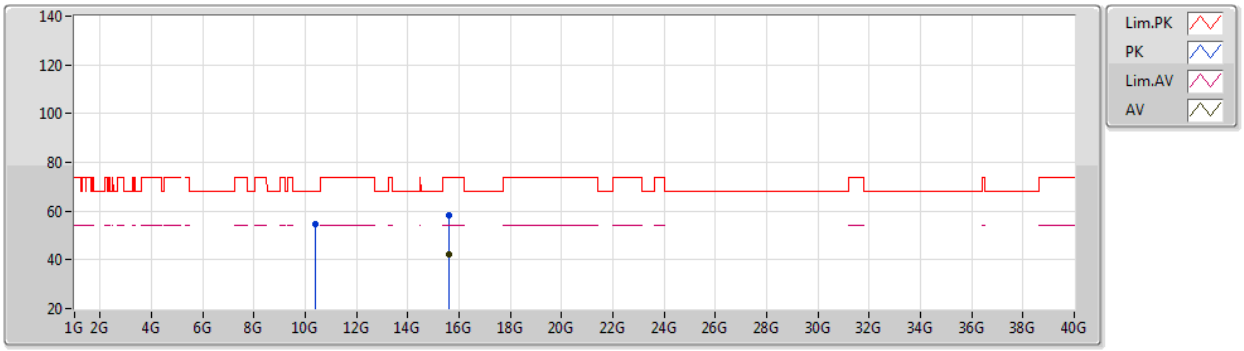
EUT Y_4TX
Setting 96
02-B-K-3

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	10.40336G	54.54	68.20	-13.66	38.64	3	Vertical	60	1.31	-	38.86	8.53	31.49
PK	15.59644G	56.11	74.00	-17.89	40.26	3	Vertical	114	1.69	-	38.57	9.27	31.99
AV	15.59576G	41.24	54.00	-12.76	25.39	3	Vertical	114	1.69	-	38.57	9.27	31.99

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

02/06/2020



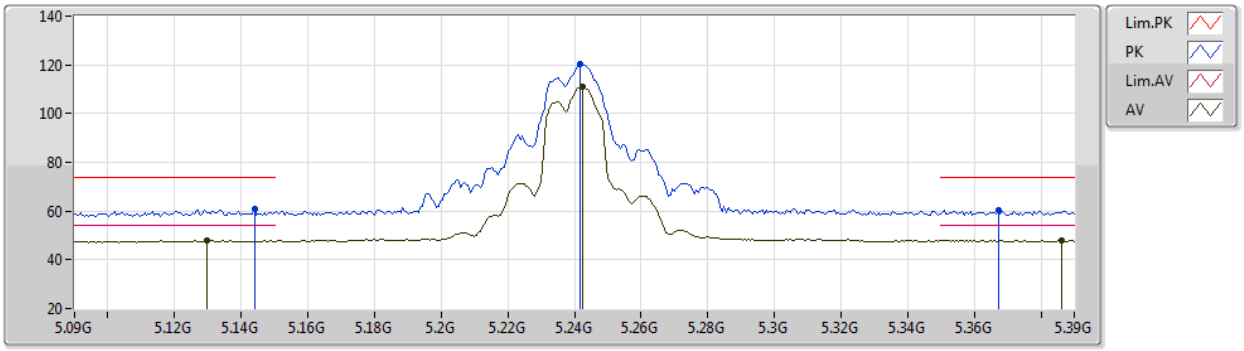
EUT Y_4TX
Setting 96
02-B-K-3

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	10.3976G	54.71	68.20	-13.49	38.82	3	Horizontal	103	1.71	-	38.86	8.52	31.49
PK	15.59602G	58.30	74.00	-15.70	42.45	3	Horizontal	95	1.79	-	38.57	9.27	31.99
AV	15.595G	42.08	54.00	-11.92	26.23	3	Horizontal	95	1.79	-	38.57	9.27	31.99

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

02/06/2020



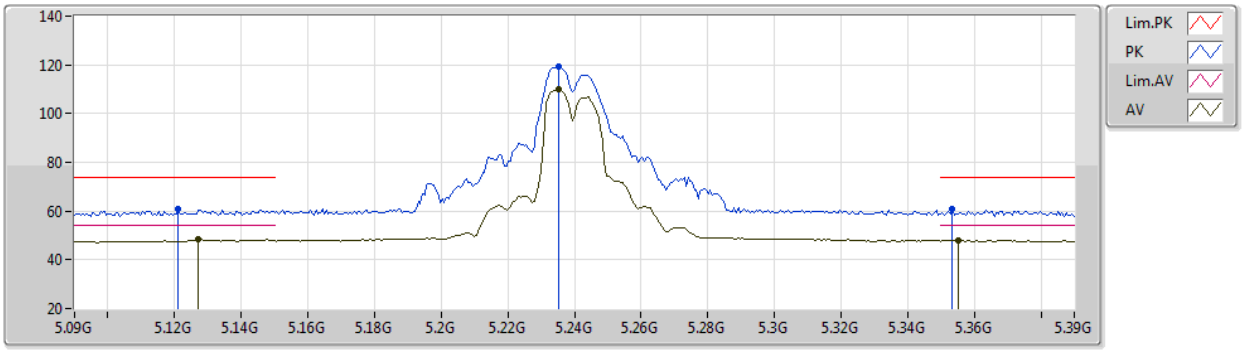
EUT Y_4TX
Setting 96
02-B-K-3-10

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	5.144G	60.75	74.00	-13.25	51.72	3	Vertical	231	1.56	-	33.44	5.97	30.38
AV	5.1296G	47.85	54.00	-6.15	38.84	3	Vertical	231	1.56	-	33.43	5.96	30.38
PK	5.2418G	120.55	Inf	-Inf	111.37	3	Vertical	231	1.56	-	33.58	6.02	30.42
AV	5.2424G	111.17	Inf	-Inf	101.99	3	Vertical	231	1.56	-	33.58	6.02	30.42
PK	5.3672G	60.18	74.00	-13.82	50.79	3	Vertical	231	1.56	-	33.77	6.08	30.46
AV	5.3864G	47.95	54.00	-6.05	38.54	3	Vertical	231	1.56	-	33.79	6.09	30.47

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

02/06/2020



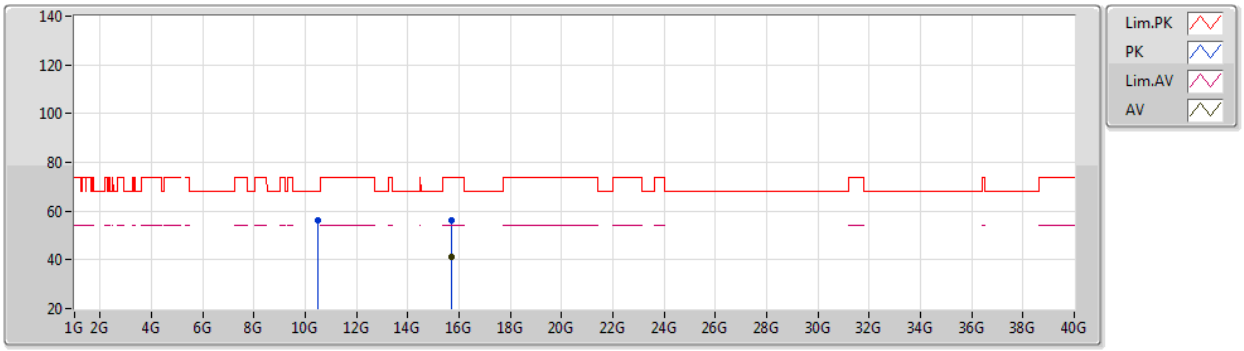
EUT Y_4TX
Setting 96
02-B-K-3-10

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	5.1212G	60.82	74.00	-13.18	51.82	3	Horizontal	356	1.33	-	33.42	5.96	30.38
AV	5.1272G	48.21	54.00	-5.79	39.20	3	Horizontal	356	1.33	-	33.43	5.96	30.38
PK	5.2352G	119.38	Inf	-Inf	110.20	3	Horizontal	356	1.33	-	33.57	6.02	30.41
AV	5.2352G	109.96	Inf	-Inf	100.78	3	Horizontal	356	1.33	-	33.57	6.02	30.41
PK	5.3534G	61.08	74.00	-12.92	51.71	3	Horizontal	356	1.33	-	33.75	6.08	30.46
AV	5.3552G	48.10	54.00	-5.90	38.72	3	Horizontal	356	1.33	-	33.76	6.08	30.46

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

02/06/2020



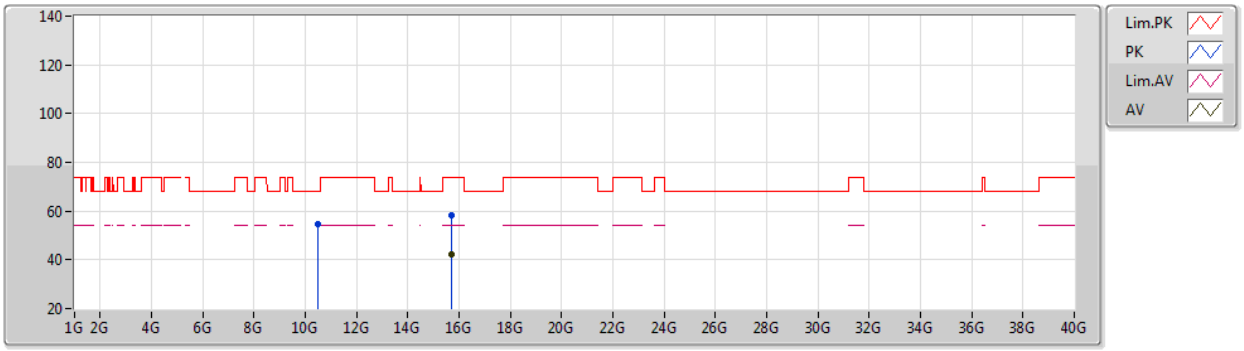
EUT Y_4TX
Setting 96
02-B-K-3

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	10.48528G	56.05	68.20	-12.15	40.18	3	Vertical	93	1.75	-	38.81	8.55	31.49
PK	15.71604G	56.15	74.00	-17.85	40.64	3	Vertical	115	1.80	-	38.22	9.31	32.02
AV	15.71724G	41.24	54.00	-12.76	25.73	3	Vertical	115	1.80	-	38.22	9.31	32.02

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

02/06/2020



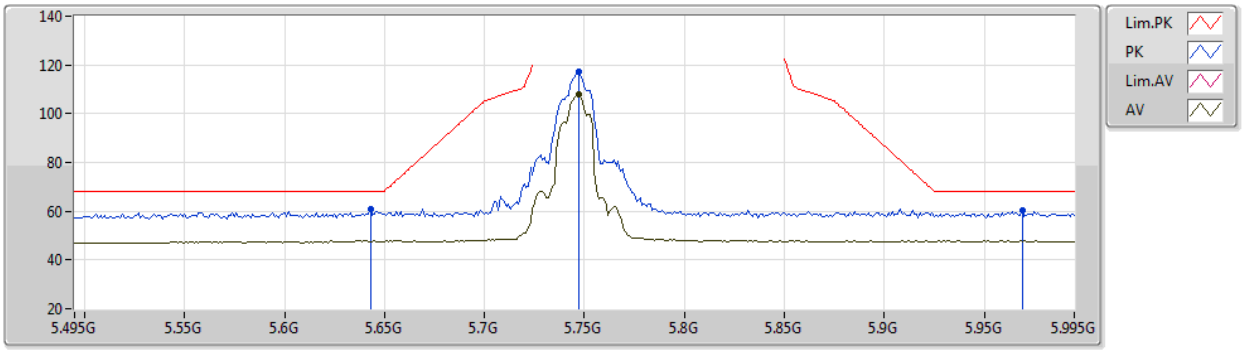
EUT Y_4TX
Setting 96
02-B-K-3

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	10.48644G	54.68	68.20	-13.52	38.81	3	Horizontal	288	1.80	-	38.81	8.55	31.49
PK	15.7142G	58.41	74.00	-15.59	42.89	3	Horizontal	100	1.55	-	38.23	9.31	32.02
AV	15.7148G	42.48	54.00	-11.52	26.96	3	Horizontal	100	1.55	-	38.23	9.31	32.02

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

02/06/2020



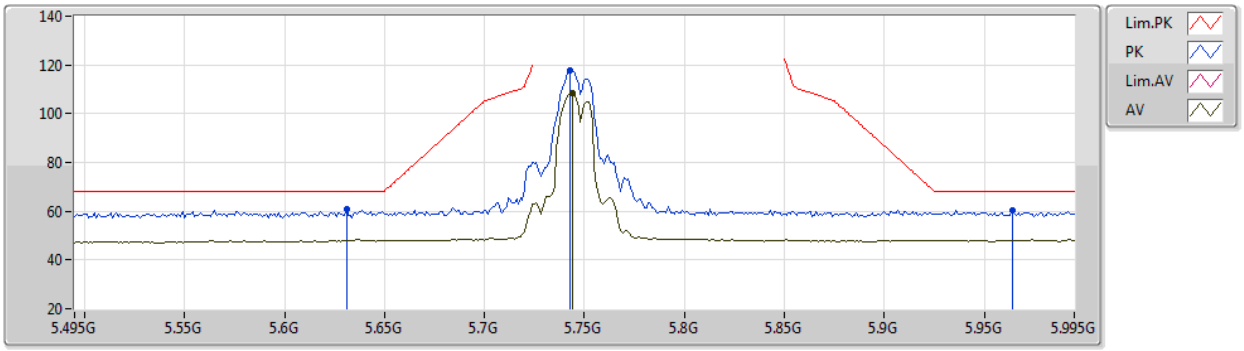
EUT Y_4TX
Setting 87
02-B-K-3-10

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	5.643G	60.62	68.20	-7.58	50.98	3	Vertical	57	1.40	-	33.86	6.32	30.54
PK	5.747G	117.14	Inf	-Inf	107.54	3	Vertical	57	1.40	-	33.80	6.37	30.57
AV	5.747G	107.87	Inf	-Inf	98.27	3	Vertical	57	1.40	-	33.80	6.37	30.57
PK	5.969G	60.35	68.20	-7.85	50.48	3	Vertical	57	1.40	-	34.17	6.32	30.62

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

02/06/2020



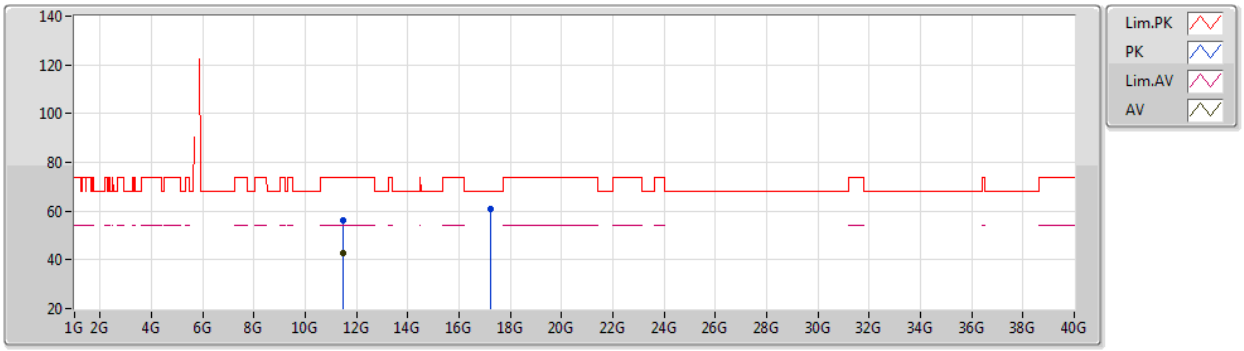
EUT Y_4TX
Setting 87
02-B-K-3-10

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	5.631G	60.95	68.20	-7.25	51.30	3	Horizontal	1	1.80	-	33.87	6.32	30.54
PK	5.743G	117.77	Inf	-Inf	108.17	3	Horizontal	1	1.80	-	33.80	6.37	30.57
AV	5.744G	108.70	Inf	-Inf	99.10	3	Horizontal	1	1.80	-	33.80	6.37	30.57
PK	5.964G	60.14	68.20	-8.06	50.28	3	Horizontal	1	1.80	-	34.16	6.32	30.62

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

02/06/2020



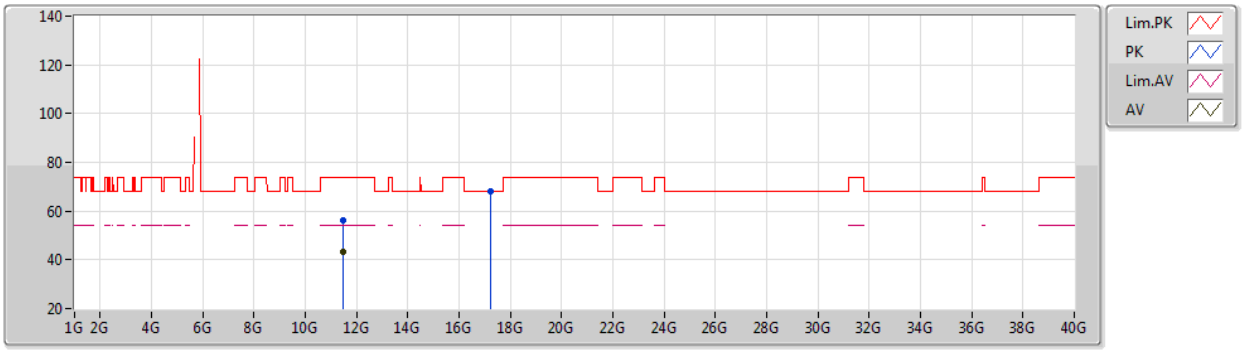
EUT Y_4TX
Setting 87
02-B-K-3

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	11.48648G	56.38	74.00	-17.62	40.24	3	Vertical	85	1.80	-	38.89	8.85	31.60
AV	11.49192G	42.95	54.00	-11.05	26.81	3	Vertical	85	1.80	-	38.89	8.85	31.60
PK	17.23116G	60.72	68.20	-7.48	39.92	3	Vertical	70	1.52	-	42.45	10.15	31.80

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

02/06/2020



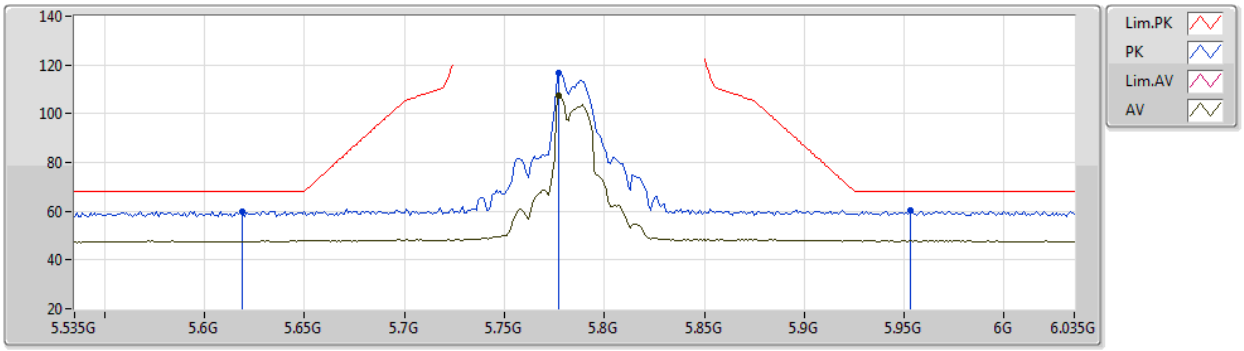
EUT Y_4TX
Setting 87
02-B-K-3

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	11.49128G	56.19	74.00	-17.81	40.05	3	Horizontal	92	1.80	-	38.89	8.85	31.60
AV	11.49144G	43.12	54.00	-10.88	26.98	3	Horizontal	92	1.80	-	38.89	8.85	31.60
PK	17.23612G	67.89	68.20	-0.31	47.07	3	Horizontal	145	1.83	-	42.48	10.15	31.81

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

02/06/2020



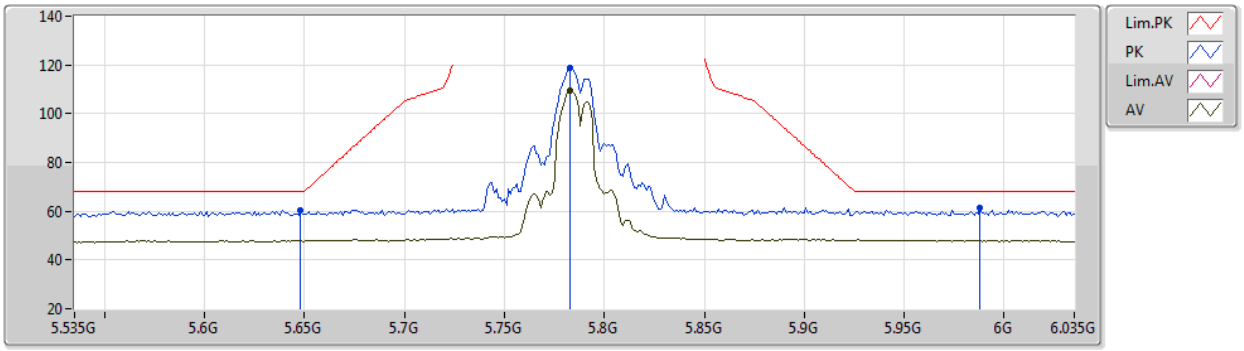
EUT Y_4TX
Setting 92
02-B-K-3-10

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	5.619G	60.06	68.20	-8.14	50.41	3	Vertical	304	1.80	-	33.88	6.31	30.54
PK	5.777G	116.78	Inf	-Inf	107.17	3	Vertical	304	1.80	-	33.80	6.39	30.58
AV	5.777G	107.67	Inf	-Inf	98.06	3	Vertical	304	1.80	-	33.80	6.39	30.58
PK	5.953G	60.50	68.20	-7.70	50.65	3	Vertical	304	1.80	-	34.15	6.32	30.62

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

02/06/2020



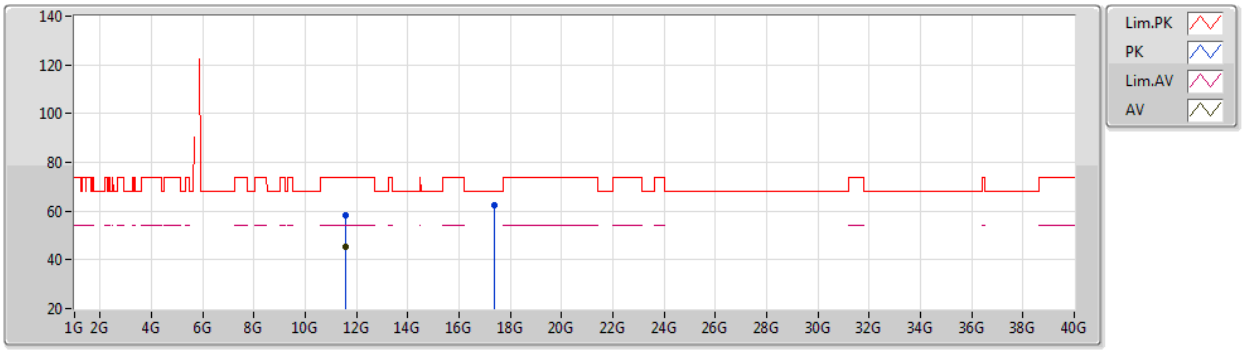
EUT Y_4TX
Setting 92
02-B-K-3-10

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	5.648G	60.41	68.20	-7.79	50.78	3	Horizontal	0	1.57	-	33.85	6.32	30.54
PK	5.783G	118.86	Inf	-Inf	109.25	3	Horizontal	0	1.57	-	33.80	6.39	30.58
AV	5.783G	109.54	Inf	-Inf	99.93	3	Horizontal	0	1.57	-	33.80	6.39	30.58
PK	5.988G	61.40	68.20	-6.80	51.53	3	Horizontal	0	1.57	-	34.19	6.31	30.63

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

02/06/2020



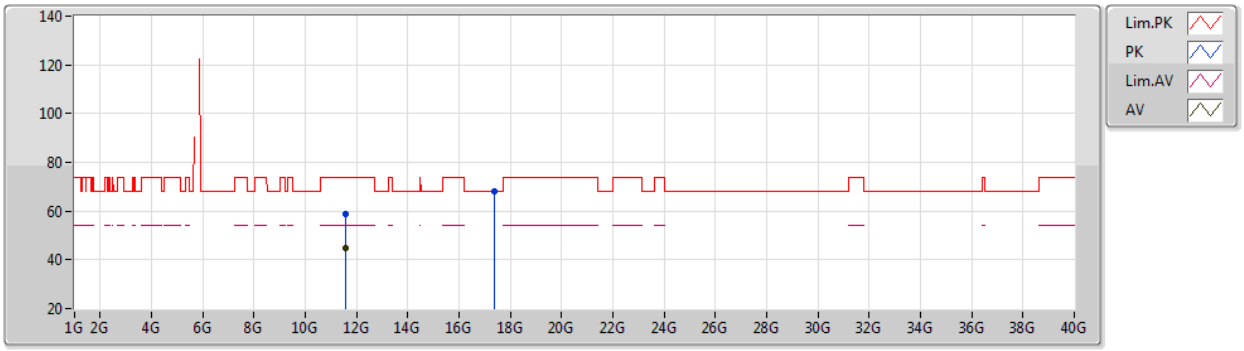
EUT Y_4TX
Setting 92
02-B-K-3

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	11.57224G	58.07	74.00	-15.93	41.86	3	Vertical	102	1.23	-	38.96	8.88	31.63
AV	11.57144G	45.21	54.00	-8.79	29.00	3	Vertical	102	1.23	-	38.96	8.88	31.63
PK	17.35568G	62.19	68.20	-6.01	40.69	3	Vertical	112	1.93	-	43.12	10.22	31.84

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

02/06/2020



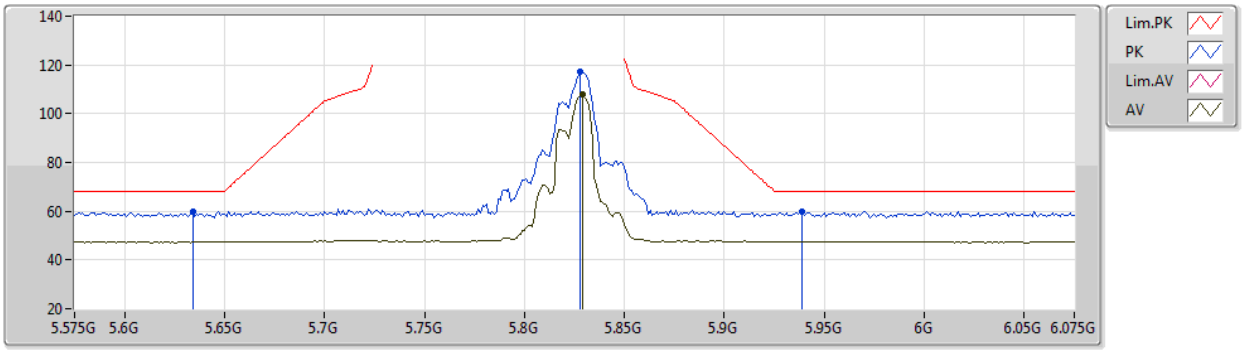
EUT Y_4TX
Setting 92
02-B-K-3

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	11.5636G	59.02	74.00	-14.98	42.82	3	Horizontal	140	1.72	-	38.95	8.87	31.62
AV	11.56632G	45.06	54.00	-8.94	28.87	3	Horizontal	140	1.72	-	38.95	8.87	31.63
PK	17.35628G	68.05	68.20	-0.15	46.55	3	Horizontal	65	1.80	-	43.12	10.22	31.84

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

02/06/2020



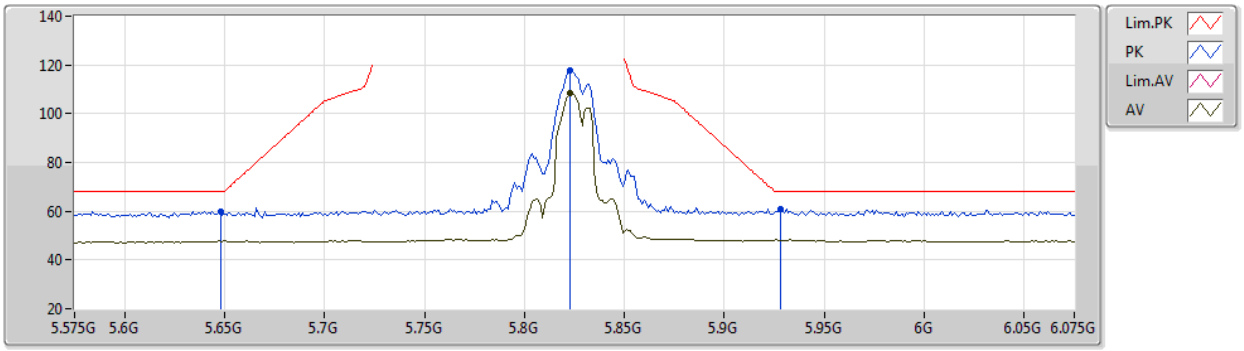
EUT Y_4TX
Setting 87
02-B-K-3-10

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	5.634G	59.67	68.20	-8.53	50.02	3	Vertical	56	2.42	-	33.87	6.32	30.54
PK	5.828G	117.18	Inf	-Inf	107.50	3	Vertical	56	2.42	-	33.88	6.39	30.59
AV	5.829G	107.85	Inf	-Inf	98.16	3	Vertical	56	2.42	-	33.89	6.39	30.59
PK	5.939G	59.95	68.20	-8.25	50.10	3	Vertical	56	2.42	-	34.14	6.33	30.62

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

02/06/2020



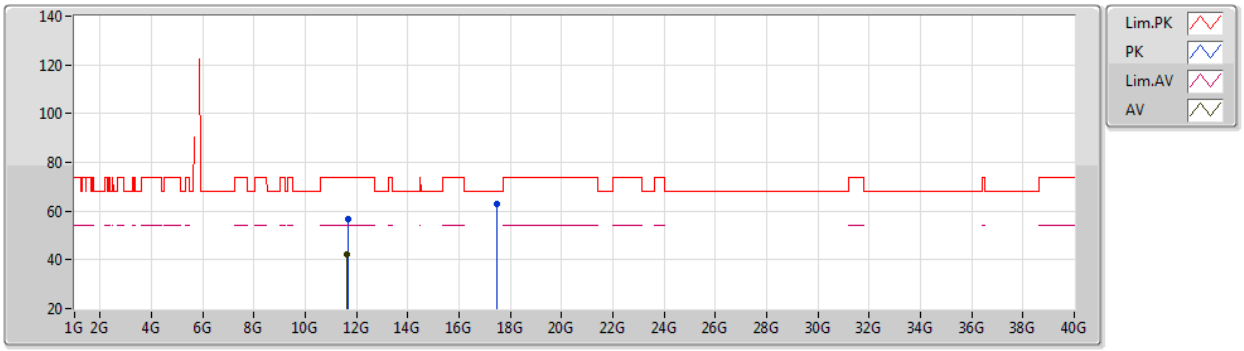
EUT Y_4TX
Setting 87
02-B-K-3-10

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	5.648G	59.95	68.20	-8.25	50.32	3	Horizontal	359	1.21	-	33.85	6.32	30.54
PK	5.823G	117.74	Inf	-Inf	108.07	3	Horizontal	359	1.21	-	33.87	6.39	30.59
AV	5.823G	108.49	Inf	-Inf	98.82	3	Horizontal	359	1.21	-	33.87	6.39	30.59
PK	5.928G	60.83	68.20	-7.37	50.98	3	Horizontal	359	1.21	-	34.13	6.34	30.62

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

02/06/2020



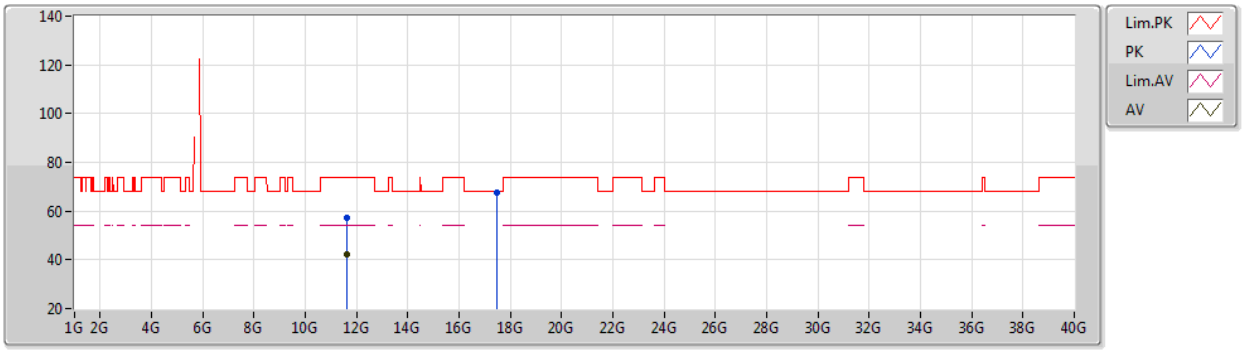
EUT Y_4TX
Setting 87
02-B-K-3

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	11.6482G	56.98	74.00	-17.02	40.71	3	Vertical	29	2.19	-	39.02	8.90	31.65
AV	11.64652G	42.07	54.00	-11.93	25.80	3	Vertical	29	2.19	-	39.02	8.90	31.65
PK	17.46792G	62.83	68.20	-5.37	40.68	3	Vertical	25	2.33	-	43.73	10.29	31.87

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

02/06/2020



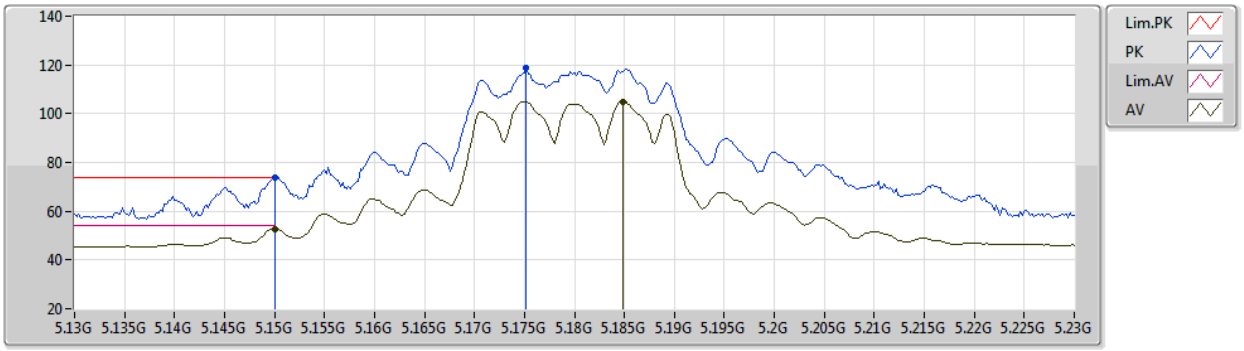
EUT Y_4TX
Setting 87
02-B-K-3

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	11.64622G	57.11	74.00	-16.89	40.84	3	Horizontal	22	2.23	-	39.02	8.90	31.65
AV	11.64694G	42.15	54.00	-11.85	25.88	3	Horizontal	22	2.23	-	39.02	8.90	31.65
PK	17.47644G	67.79	68.20	-0.41	45.60	3	Horizontal	63	2.02	-	43.77	10.29	31.87

802.11ax HEW20_Nss1,(MCS0)_4TX

13/04/2020

5180MHz_TX



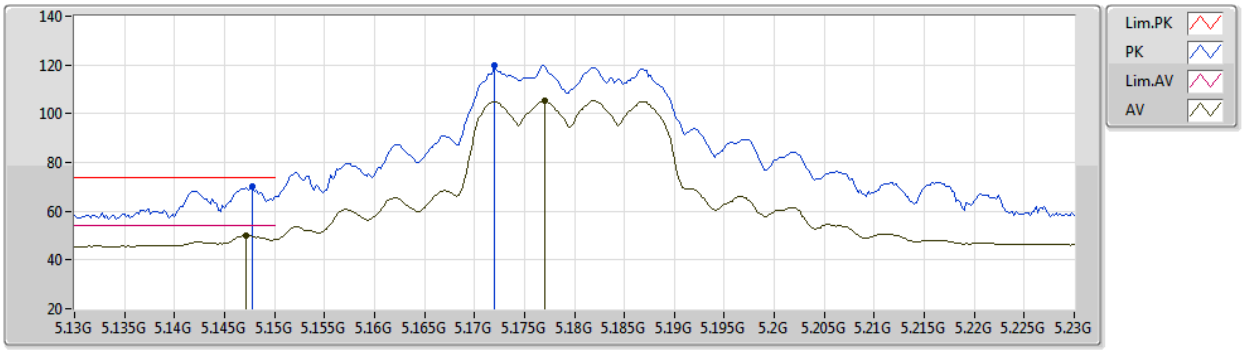
EUT Y_4TX
Setting 88
04-F-K-3-10

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	73.85	74.00	-0.15	69.06	3	Vertical	216	1.80	-	33.05	5.11	33.37
AV	5.15G	52.80	54.00	-1.20	48.01	3	Vertical	216	1.80	-	33.05	5.11	33.37
PK	5.1752G	118.70	Inf	-Inf	113.88	3	Vertical	216	1.80	-	33.08	5.12	33.38
AV	5.1848G	105.06	Inf	-Inf	100.24	3	Vertical	216	1.80	-	33.08	5.12	33.38

802.11ax HEW20_Nss1,(MCS0)_4TX

13/04/2020

5180MHz_TX



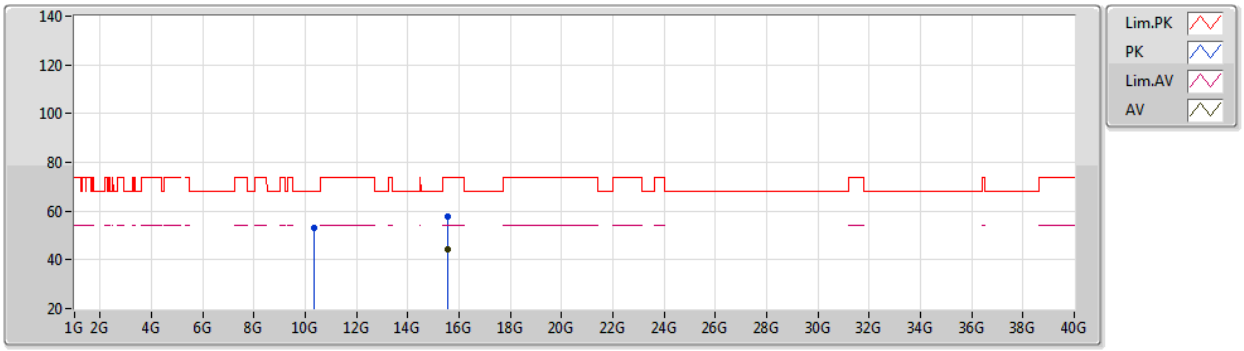
EUT Y_4TX
Setting 88
04-F-K-3-10

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	5.1478G	70.14	74.00	-3.86	65.36	3	Horizontal	355	1.43	-	33.05	5.10	33.37
AV	5.1472G	50.17	54.00	-3.83	45.39	3	Horizontal	355	1.43	-	33.05	5.10	33.37
PK	5.172G	119.81	Inf	-Inf	115.00	3	Horizontal	355	1.43	-	33.07	5.12	33.38
AV	5.177G	105.23	Inf	-Inf	100.41	3	Horizontal	355	1.43	-	33.08	5.12	33.38

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

13/04/2020



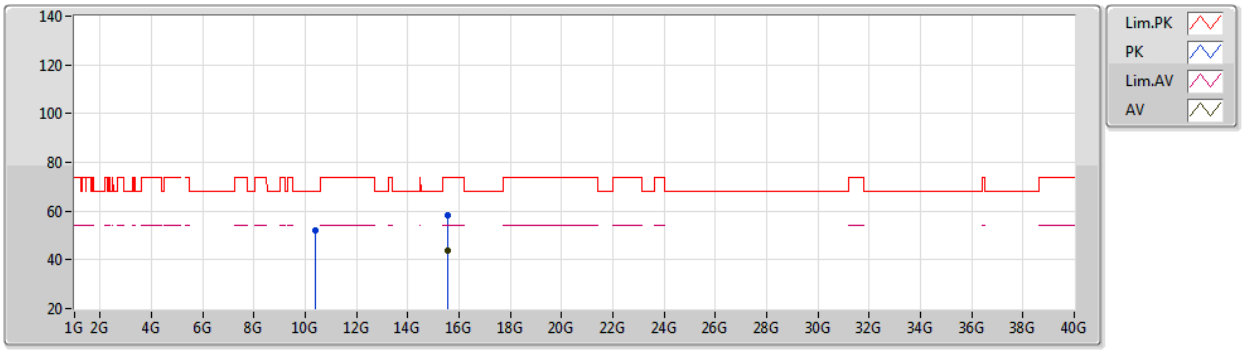
EUT Y_4TX
Setting 88
04-F-K-3

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	10.3624G	52.99	68.20	-15.21	40.80	3	Vertical	95	1.83	-	38.89	7.55	34.25
PK	15.5469G	57.97	74.00	-16.03	44.85	3	Vertical	343	2.41	-	39.10	9.37	35.35
AV	15.54824G	44.06	54.00	-9.94	30.94	3	Vertical	343	2.41	-	39.10	9.37	35.35

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

13/04/2020



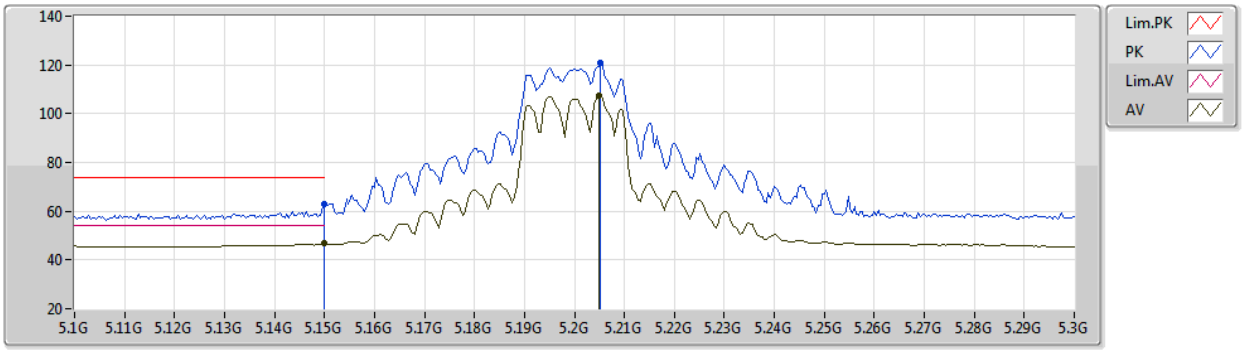
EUT Y_4TX
Setting 88
04-F-K-3

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	10.36932G	52.13	68.20	-16.07	39.93	3	Horizontal	168	1.17	-	38.90	7.56	34.26
PK	15.5461G	58.05	74.00	-15.95	44.93	3	Horizontal	350	1.80	-	39.10	9.37	35.35
AV	15.54004G	44.05	54.00	-9.95	30.92	3	Horizontal	350	1.80	-	39.11	9.37	35.35

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

13/04/2020



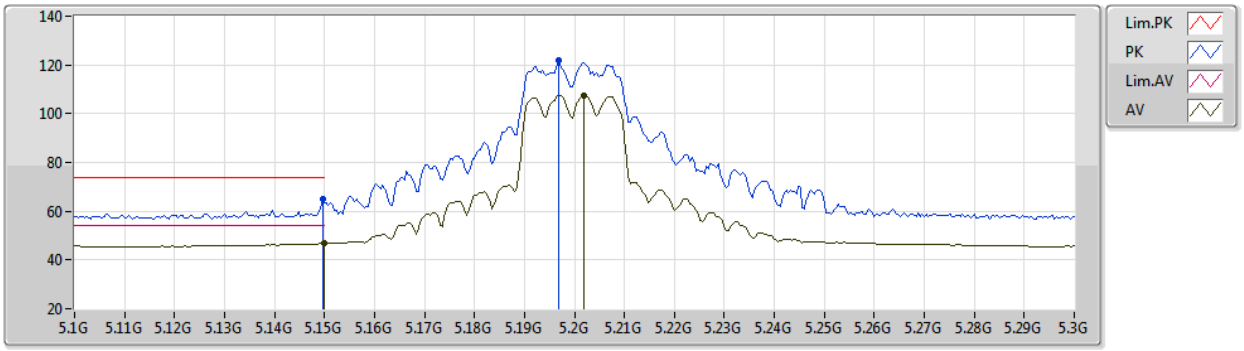
EUT Y_4TX
Setting 96
04-F-K-3-10

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	63.06	74.00	-10.94	58.27	3	Vertical	218	1.70	-	33.05	5.11	33.37
AV	5.15G	46.66	54.00	-7.34	41.87	3	Vertical	218	1.70	-	33.05	5.11	33.37
PK	5.2052G	120.91	Inf	-Inf	116.05	3	Vertical	218	1.70	-	33.11	5.13	33.38
AV	5.2048G	107.22	Inf	-Inf	102.37	3	Vertical	218	1.70	-	33.10	5.13	33.38

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

13/04/2020



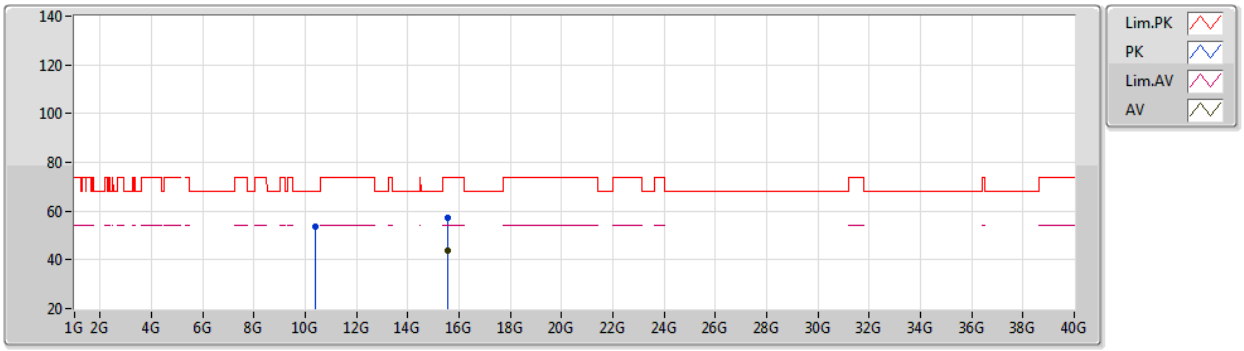
EUT Y_4TX
Setting 96
04-F-K-3-10

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	65.22	74.00	-8.78	60.44	3	Horizontal	360	1.39	-	33.05	5.10	33.37
AV	5.15G	46.92	54.00	-7.08	42.13	3	Horizontal	360	1.39	-	33.05	5.11	33.37
PK	5.1968G	121.67	Inf	-Inf	116.82	3	Horizontal	360	1.39	-	33.10	5.13	33.38
AV	5.202G	107.50	Inf	-Inf	102.65	3	Horizontal	360	1.39	-	33.10	5.13	33.38

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

13/04/2020



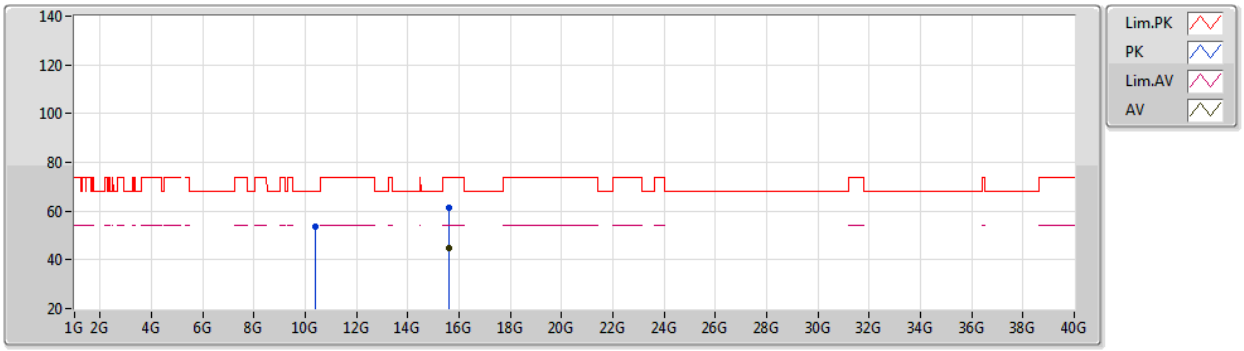
EUT Y_4TX
Setting 96
04-F-K-3

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	10.4045G	53.42	68.20	-14.78	41.22	3	Vertical	53	1.24	-	38.92	7.57	34.29
PK	15.5812G	57.34	74.00	-16.66	44.26	3	Vertical	0	1.80	-	39.06	9.38	35.36
AV	15.5767G	43.87	54.00	-10.13	30.78	3	Vertical	0	1.80	-	39.07	9.38	35.36

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

13/04/2020



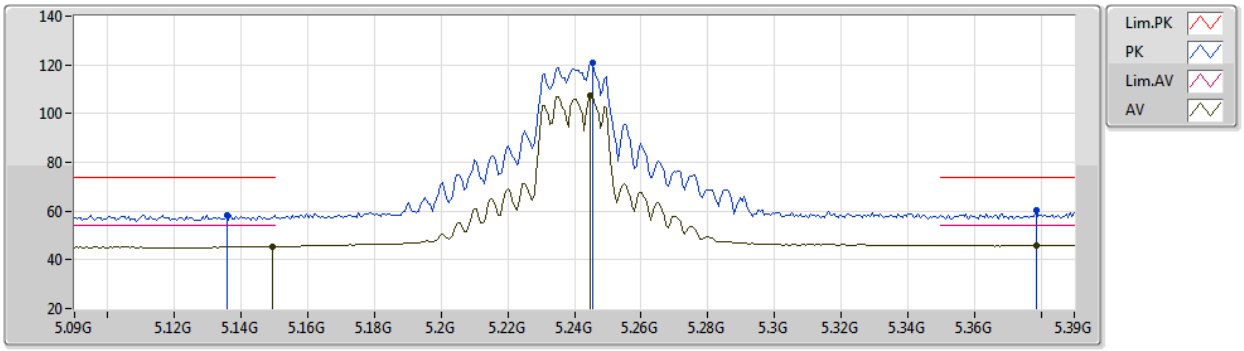
EUT Y_4TX
Setting 96
04-F-K-3

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	10.39658G	53.45	68.20	-14.75	41.24	3	Horizontal	142	1.21	-	38.92	7.57	34.28
PK	15.6018G	61.19	74.00	-12.81	48.13	3	Horizontal	94	1.56	-	39.04	9.38	35.36
AV	15.5967G	44.80	54.00	-9.20	31.74	3	Horizontal	94	1.56	-	39.04	9.38	35.36

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

13/04/2020



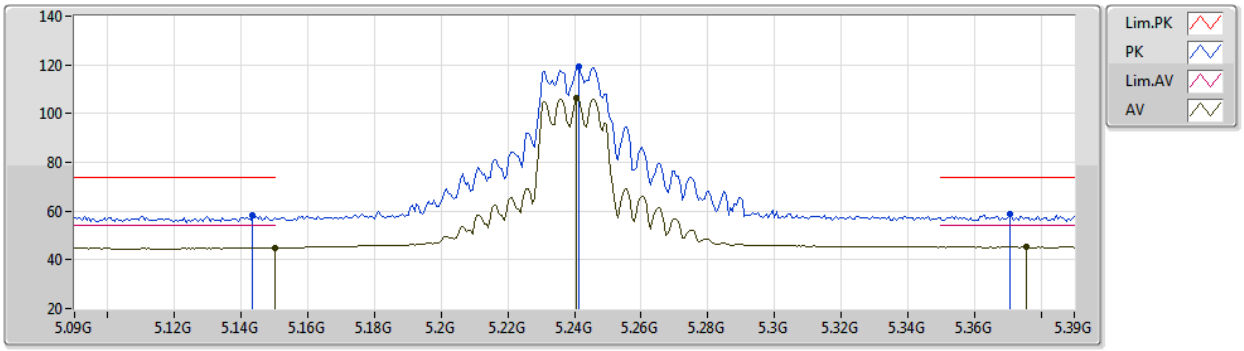
EUT Y_4TX
Setting 96
04-F-K-3-10

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	5.1356G	58.24	74.00	-15.76	53.47	3	Vertical	218	1.66	-	33.04	5.10	33.37
AV	5.1494G	45.52	54.00	-8.48	40.74	3	Vertical	218	1.66	-	33.05	5.10	33.37
PK	5.2454G	120.74	Inf	-Inf	115.82	3	Vertical	218	1.66	-	33.15	5.15	33.38
AV	5.2448G	107.36	Inf	-Inf	102.45	3	Vertical	218	1.66	-	33.14	5.15	33.38
PK	5.3786G	60.46	74.00	-13.54	55.19	3	Vertical	218	1.66	-	33.44	5.22	33.39
AV	5.3786G	45.97	54.00	-8.03	40.70	3	Vertical	218	1.66	-	33.44	5.22	33.39

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

13/04/2020



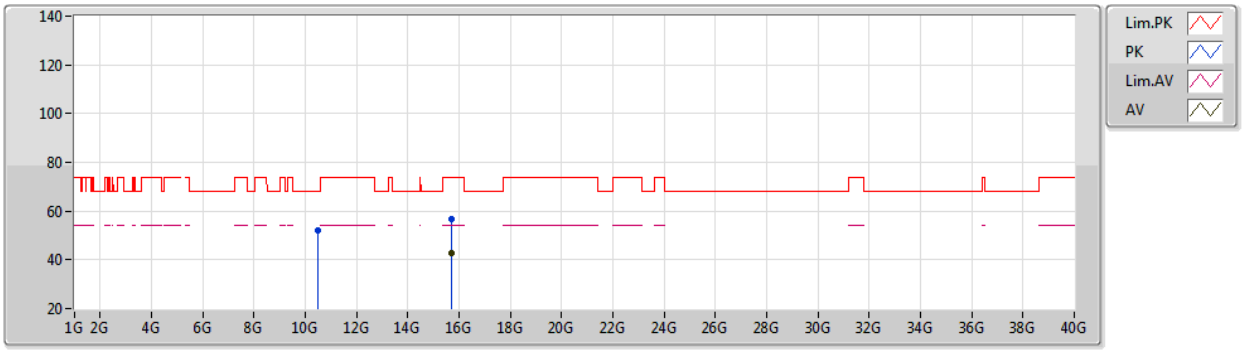
EUT Y_4TX
Setting 96
04-F-K-3-10

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	5.1434G	58.06	74.00	-15.94	53.29	3	Horizontal	27	1.63	-	33.04	5.10	33.37
AV	5.15G	44.90	54.00	-9.10	40.11	3	Horizontal	27	1.63	-	33.05	5.11	33.37
PK	5.2412G	119.24	Inf	-Inf	114.33	3	Horizontal	27	1.63	-	33.14	5.15	33.38
AV	5.2406G	106.50	Inf	-Inf	101.59	3	Horizontal	27	1.63	-	33.14	5.15	33.38
PK	5.3708G	58.63	74.00	-15.37	53.39	3	Horizontal	27	1.63	-	33.41	5.22	33.39
AV	5.3756G	45.24	54.00	-8.76	39.98	3	Horizontal	27	1.63	-	33.43	5.22	33.39

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

13/04/2020



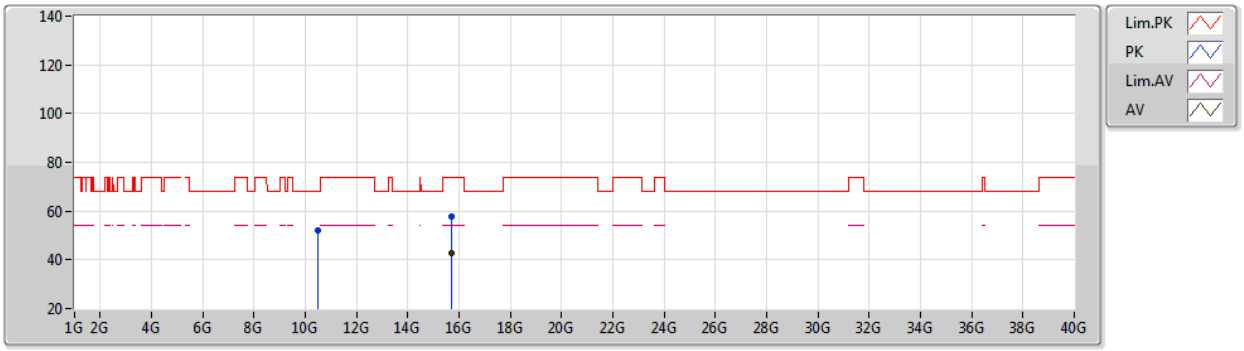
EUT Y_4TX
Setting 96
04-F-K-3

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	10.48416G	52.20	68.20	-16.00	39.97	3	Vertical	224	2.79	-	38.99	7.61	34.37
PK	15.72032G	56.62	74.00	-17.38	43.71	3	Vertical	120	1.80	-	38.91	9.39	35.39
AV	15.72468G	42.58	54.00	-11.42	29.68	3	Vertical	120	1.80	-	38.90	9.39	35.39

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

13/04/2020



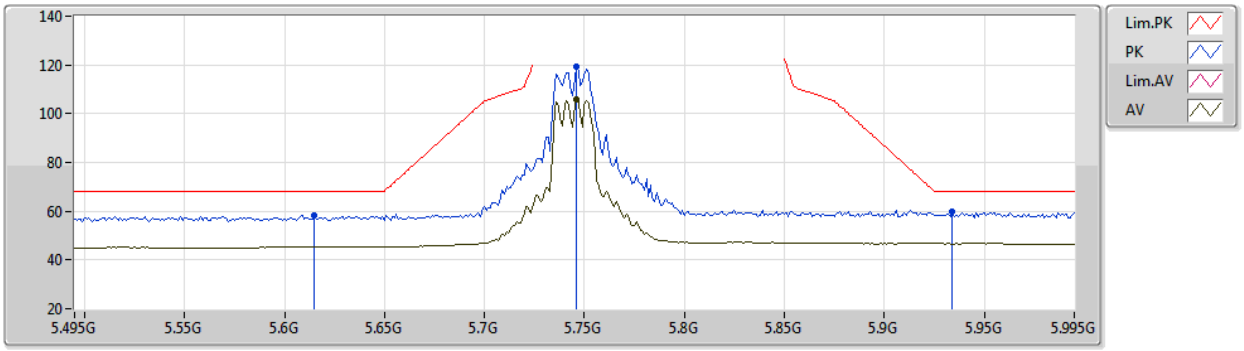
EUT Y_4TX
Setting 96
04-F-K-3

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	10.48888G	52.30	68.20	-15.90	40.07	3	Horizontal	211	1.35	-	38.99	7.61	34.37
PK	15.72748G	57.72	74.00	-16.28	44.82	3	Horizontal	360	1.62	-	38.90	9.39	35.39
AV	15.72456G	43.01	54.00	-10.99	30.11	3	Horizontal	360	1.62	-	38.90	9.39	35.39

802.11ax HEW20_Nss1,(MCS0)_4TX

13/04/2020

5745MHz_TX



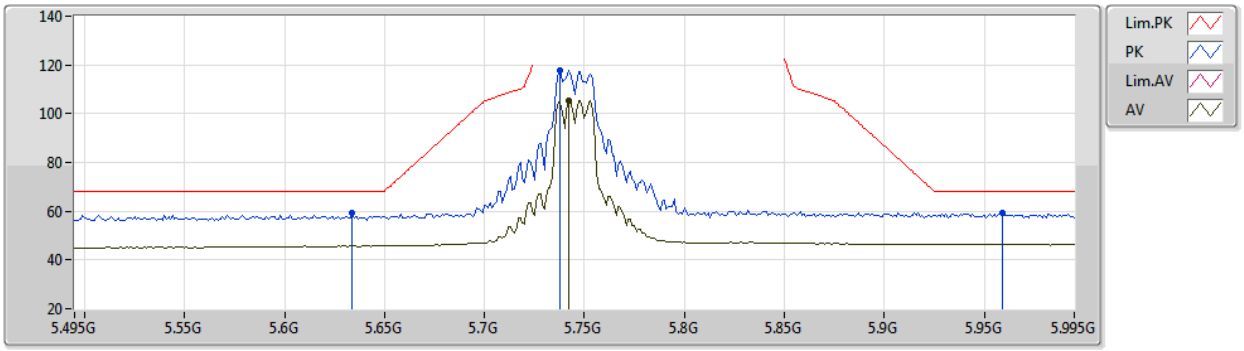
EUT Y_4TX
Setting 90
04-F-K-3-10

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	5.615G	58.32	68.20	-9.88	52.30	3	Vertical	267	1.31	-	34.02	5.37	33.37
PK	5.746G	119.39	Inf	-Inf	113.08	3	Vertical	267	1.31	-	34.19	5.47	33.35
AV	5.746G	105.91	Inf	-Inf	99.60	3	Vertical	267	1.31	-	34.19	5.47	33.35
PK	5.934G	59.59	68.20	-8.61	52.26	3	Vertical	267	1.31	-	35.04	5.61	33.32

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

13/04/2020



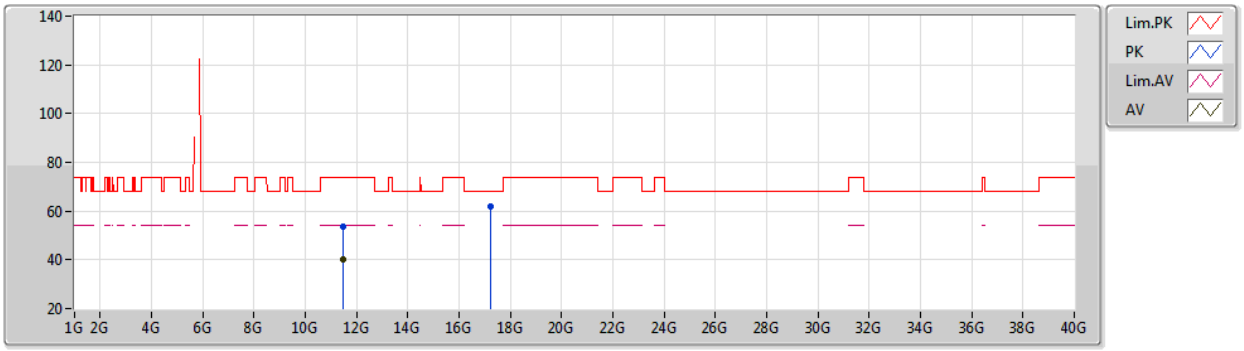
EUT Y_4TX
Setting 90
04-F-K-3-10

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	5.634G	59.38	68.20	-8.82	53.33	3	Horizontal	176	1.55	-	34.03	5.39	33.37
PK	5.738G	117.96	Inf	-Inf	111.66	3	Horizontal	176	1.55	-	34.18	5.47	33.35
AV	5.742G	105.56	Inf	-Inf	99.26	3	Horizontal	176	1.55	-	34.18	5.47	33.35
PK	5.959G	59.16	68.20	-9.04	51.70	3	Horizontal	176	1.55	-	35.14	5.63	33.31

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

13/04/2020



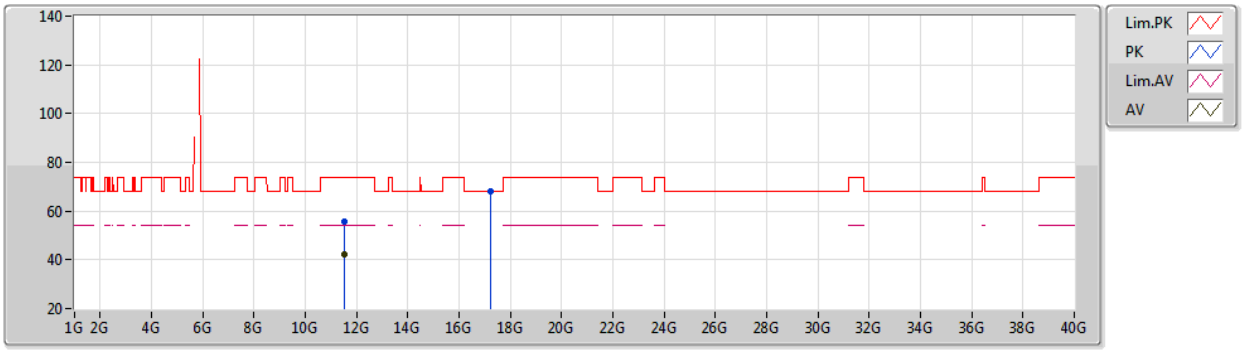
EUT Y_4TX
Setting 90
04-C-K-3

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	11.49306G	53.58	74.00	-20.42	41.24	3	Vertical	328	2.02	-	39.15	8.18	34.99
AV	11.49354G	40.32	54.00	-13.68	27.98	3	Vertical	328	2.02	-	39.15	8.18	34.99
PK	17.24544G	61.94	68.20	-6.26	46.24	3	Vertical	172	2.56	-	41.02	10.13	35.45

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

13/04/2020



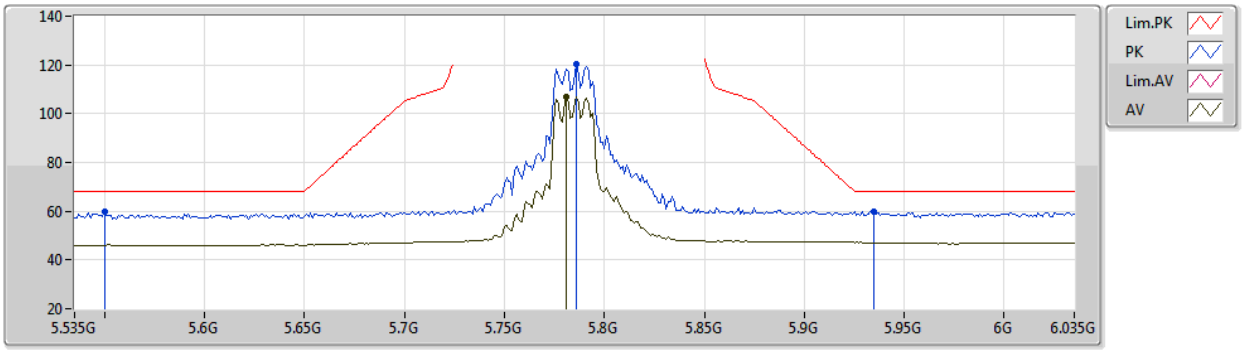
EUT Y_4TX
Setting 90
04-C-K-3

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	11.50422G	55.56	74.00	-18.44	43.22	3	Horizontal	76	1.85	-	39.15	8.19	35.00
AV	11.50272G	42.35	54.00	-11.65	30.01	3	Horizontal	76	1.85	-	39.15	8.19	35.00
PK	17.23302G	67.88	68.20	-0.32	52.19	3	Horizontal	123	1.80	-	41.01	10.13	35.45

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

14/04/2020



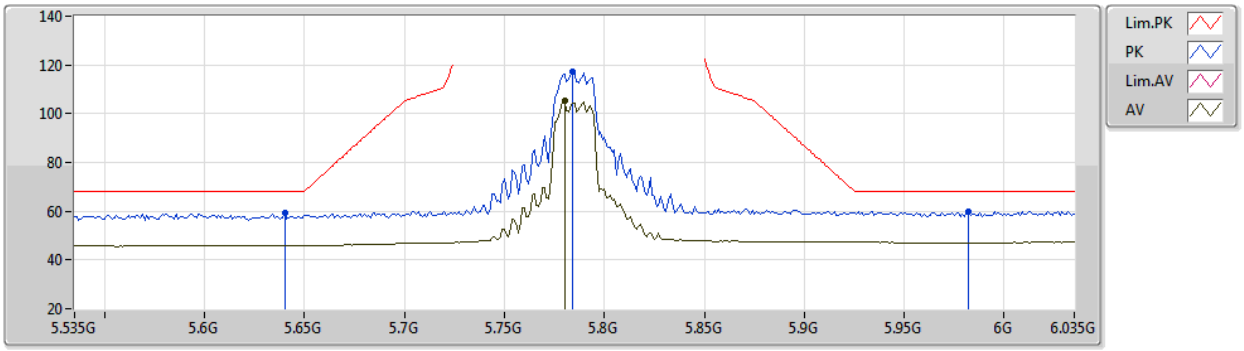
EUT Y_4TX
Setting 90
04-F-K-3-10

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	59.58	68.20	-8.62	53.73	3	Vertical	263	1.48	-	33.90	5.33	33.38
PK	5.786G	120.36	Inf	-Inf	113.93	3	Vertical	263	1.48	-	34.27	5.50	33.34
AV	5.781G	106.66	Inf	-Inf	100.24	3	Vertical	263	1.48	-	34.26	5.50	33.34
PK	5.935G	59.99	68.20	-8.21	52.66	3	Vertical	263	1.48	-	35.04	5.61	33.32

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

14/04/2020



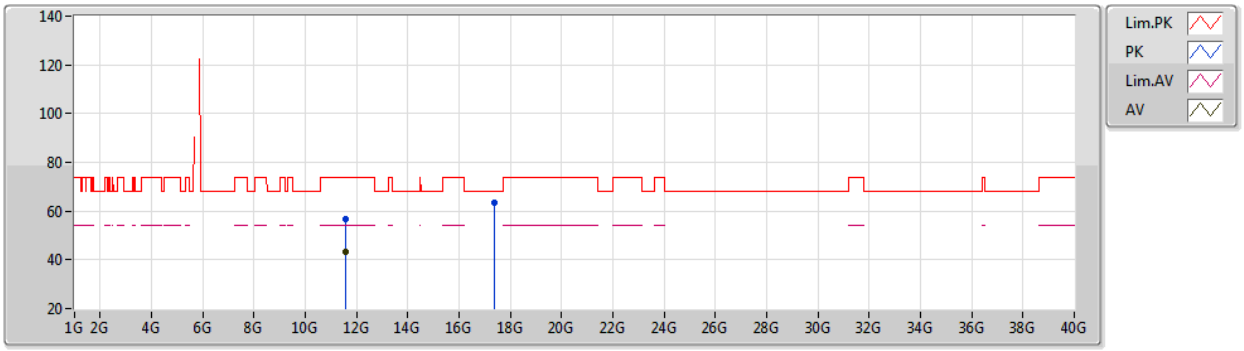
EUT Y_4TX
Setting 90
04-F-K-3-10

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	5.64G	59.18	68.20	-9.02	53.12	3	Horizontal	0	1.43	-	34.04	5.39	33.37
PK	5.784G	117.08	Inf	-Inf	110.65	3	Horizontal	0	1.43	-	34.27	5.50	33.34
AV	5.78G	105.43	Inf	-Inf	99.01	3	Horizontal	0	1.43	-	34.26	5.50	33.34
PK	5.982G	59.92	68.20	-8.28	52.35	3	Horizontal	0	1.43	-	35.23	5.65	33.31

802.11ax HEW20_Nss1,(MCS0)_4TX

14/04/2020

5785MHz_TX



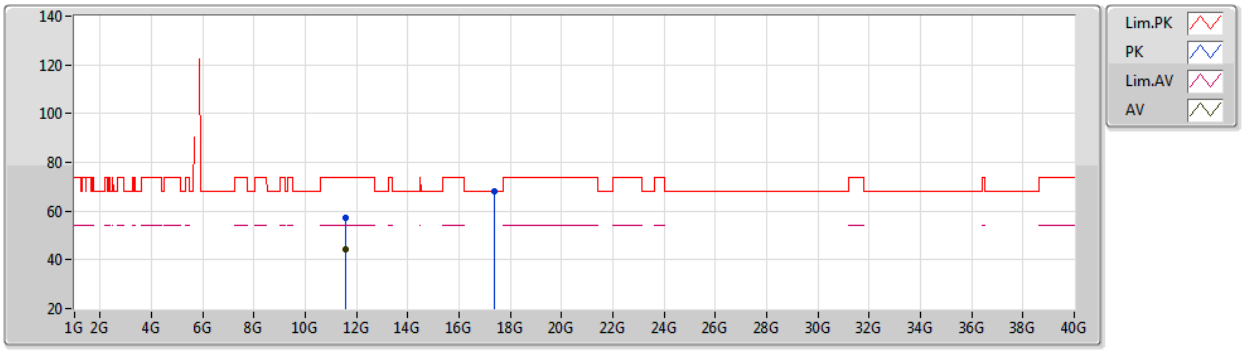
EUT Y_4TX
Setting 90
04-F-K-3

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	11.5699G	56.61	74.00	-17.39	44.28	3	Vertical	76	1.21	-	39.12	8.23	35.02
AV	11.5702G	43.03	54.00	-10.97	30.71	3	Vertical	76	1.21	-	39.11	8.23	35.02
PK	17.3578G	63.59	68.20	-4.61	47.78	3	Vertical	310	1.84	-	41.12	10.10	35.41

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

14/04/2020



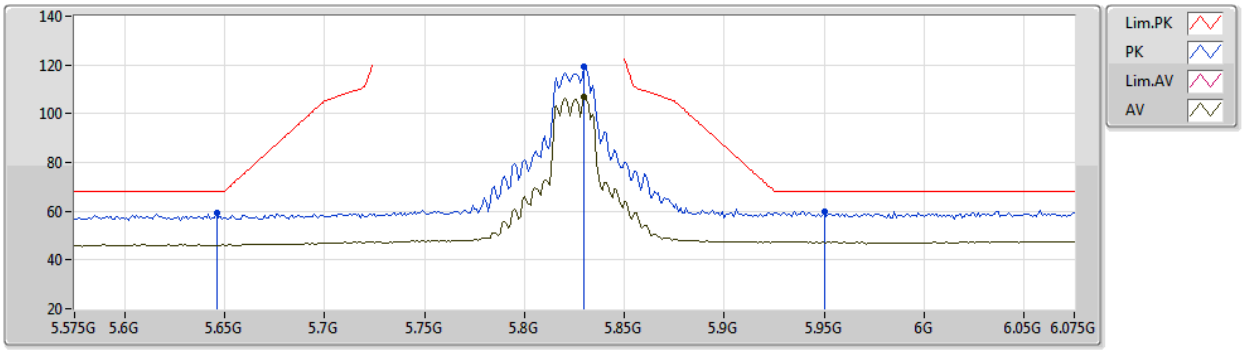
EUT Y_4TX
Setting 90
04-F-K-3

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	11.5707G	57.17	74.00	-16.83	44.85	3	Horizontal	85	1.71	-	39.11	8.23	35.02
AV	11.5706G	44.08	54.00	-9.92	31.76	3	Horizontal	85	1.71	-	39.11	8.23	35.02
PK	17.3583G	67.86	68.20	-0.34	52.05	3	Horizontal	38	1.80	-	41.12	10.10	35.41

802.11ax HEW20_Nss1,(MCS0)_4TX

13/04/2020

5825MHz_TX



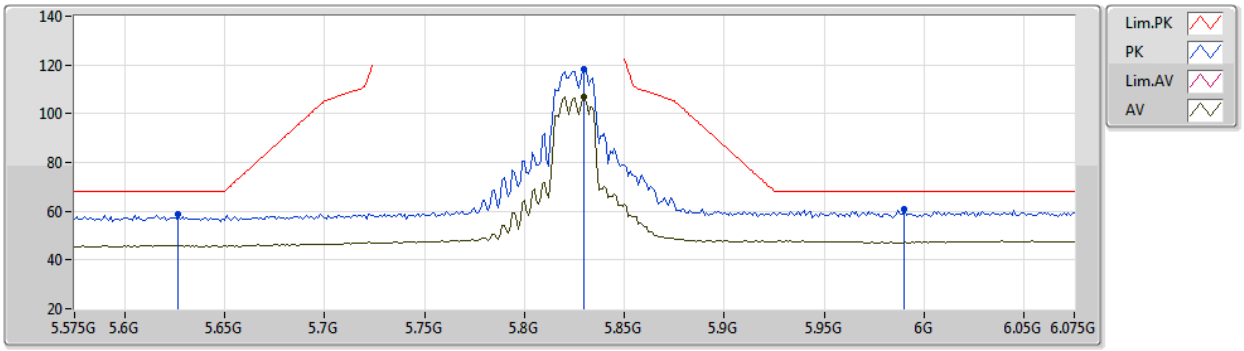
EUT Y_4TX
Setting 93
04-F-K-3-10

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	59.31	68.20	-8.89	53.23	3	Vertical	355	1.91	-	34.05	5.40	33.37
PK	5.83G	119.10	Inf	-Inf	112.42	3	Vertical	355	1.91	-	34.48	5.53	33.33
AV	5.83G	106.79	Inf	-Inf	100.11	3	Vertical	355	1.91	-	34.48	5.53	33.33
PK	5.95G	59.79	68.20	-8.41	52.38	3	Vertical	355	1.91	-	35.10	5.62	33.31

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

13/04/2020



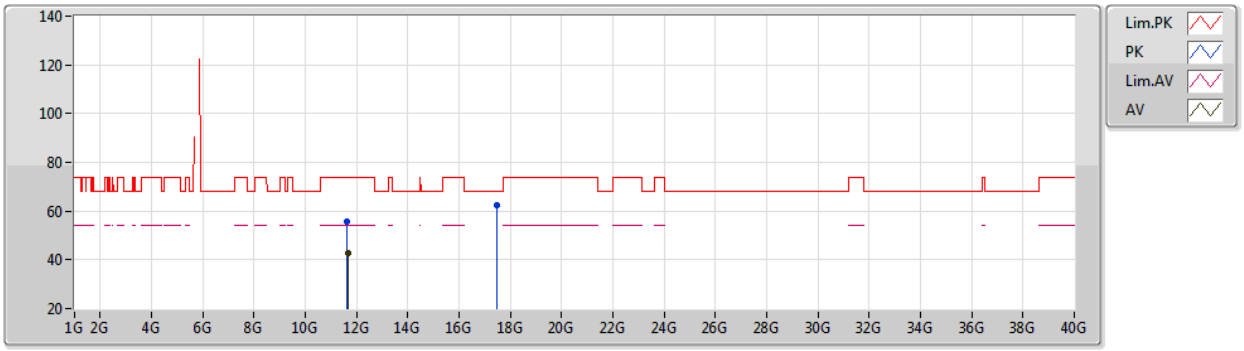
EUT Y_4TX
Setting 93
04-F-K-3-10

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	5.627G	58.72	68.20	-9.48	52.68	3	Horizontal	360	1.42	-	34.03	5.38	33.37
PK	5.83G	118.27	Inf	-Inf	111.59	3	Horizontal	360	1.42	-	34.48	5.53	33.33
AV	5.83G	107.08	Inf	-Inf	100.40	3	Horizontal	360	1.42	-	34.48	5.53	33.33
PK	5.99G	60.87	68.20	-7.33	53.27	3	Horizontal	360	1.42	-	35.26	5.65	33.31

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

13/04/2020



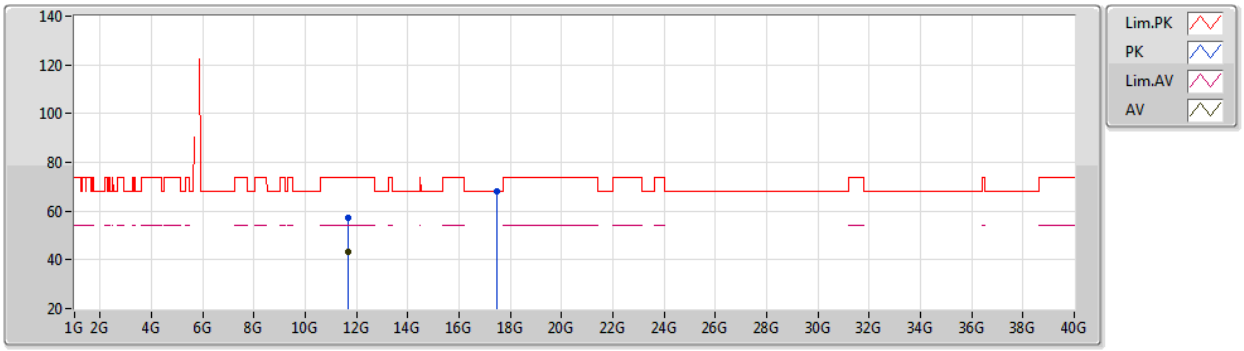
EUT Y_4TX
Setting 93
04-C-K-3

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	11.64316G	55.51	74.00	-18.49	43.19	3	Vertical	88	1.19	-	39.08	8.28	35.04
AV	11.64808G	42.93	54.00	-11.07	30.61	3	Vertical	88	1.19	-	39.08	8.28	35.04
PK	17.47092G	62.21	68.20	-5.99	46.29	3	Vertical	272	1.97	-	41.22	10.08	35.38

802.11ax HEW20_Nss1,(MCS0)_4TX

13/04/2020

5825MHz_TX



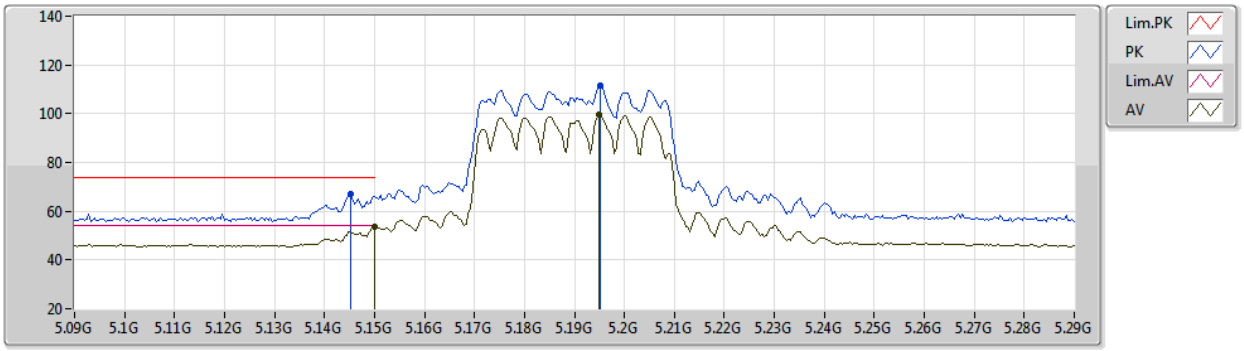
EUT Y_4TX
Setting 93
04-C-K-3

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	11.64964G	57.05	74.00	-16.95	44.73	3	Horizontal	131	1.73	-	39.08	8.28	35.04
AV	11.64952G	43.06	54.00	-10.94	30.74	3	Horizontal	131	1.73	-	39.08	8.28	35.04
PK	17.47716G	68.03	68.20	-0.17	52.10	3	Horizontal	129	1.93	-	41.23	10.08	35.38

802.11ax HEW40_Nss1,(MCS0)_4TX

14/04/2020

5190MHz_TX



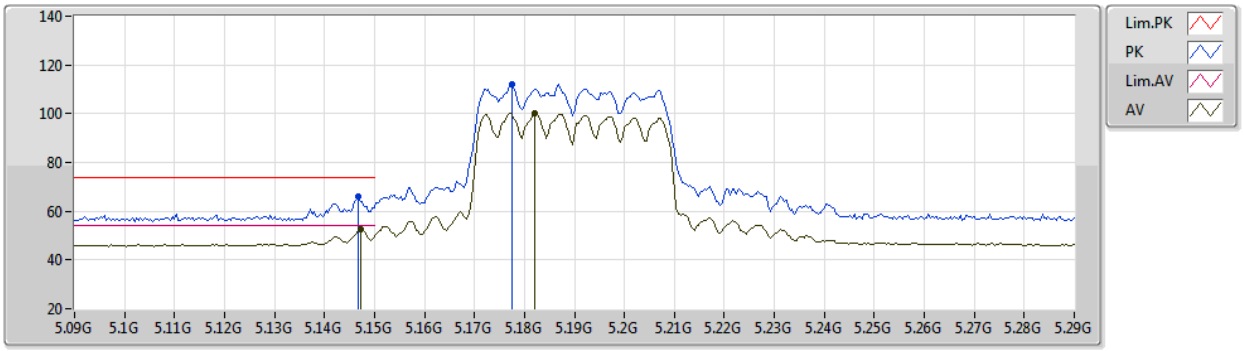
EUT Y_4TX
Setting 68
04-F-K-3-10

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	5.1452G	66.89	74.00	-7.11	62.11	3	Vertical	216	1.66	-	33.05	5.10	33.37
AV	5.15G	53.85	54.00	-0.15	49.06	3	Vertical	216	1.66	-	33.05	5.11	33.37
PK	5.1952G	111.38	Inf	-Inf	106.53	3	Vertical	216	1.66	-	33.10	5.13	33.38
AV	5.1948G	99.48	Inf	-Inf	94.64	3	Vertical	216	1.66	-	33.09	5.13	33.38

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

14/04/2020



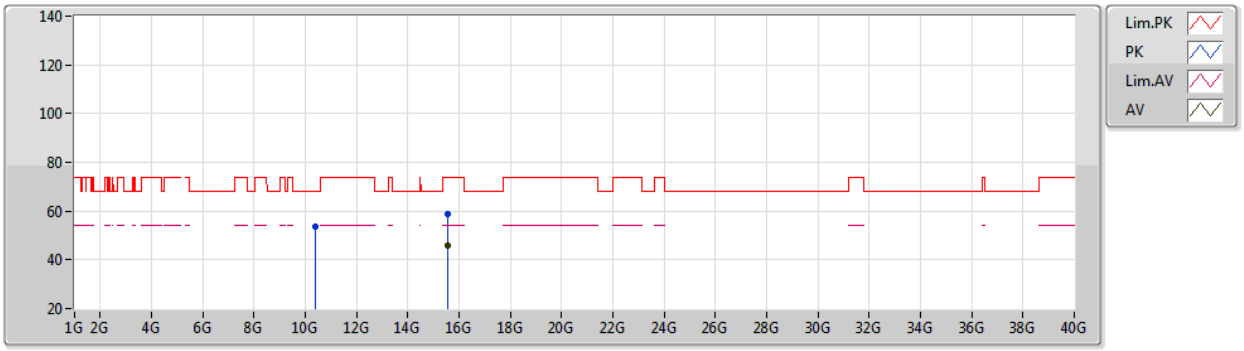
EUT Y_4TX
Setting 68
04-F-K-3-10

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	5.1468G	66.04	74.00	-7.96	61.26	3	Horizontal	0	1.31	-	33.05	5.10	33.37
AV	5.1472G	52.61	54.00	-1.39	47.83	3	Horizontal	0	1.31	-	33.05	5.10	33.37
PK	5.1776G	112.04	Inf	-Inf	107.22	3	Horizontal	0	1.31	-	33.08	5.12	33.38
AV	5.182G	100.07	Inf	-Inf	95.25	3	Horizontal	0	1.31	-	33.08	5.12	33.38

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

14/04/2020



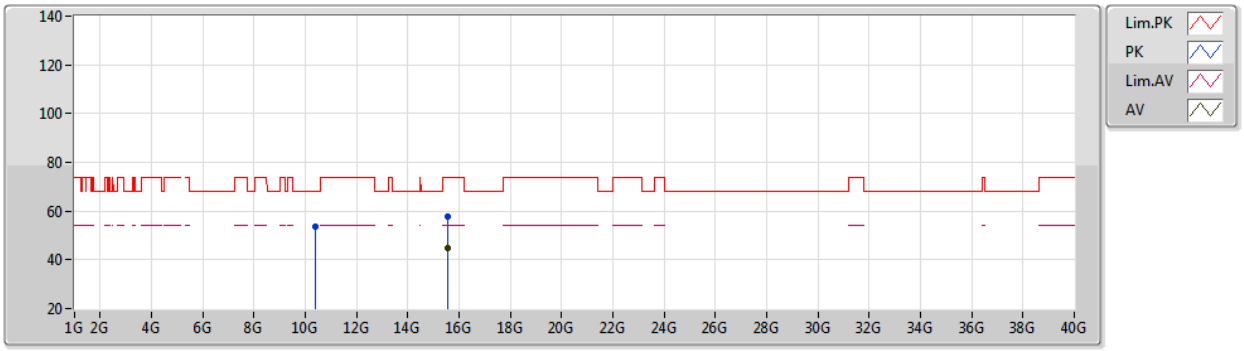
EUT Y_4TX
Setting 68
04-F-K-3

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	10.38304G	53.79	68.20	-14.41	41.59	3	Vertical	50	1.53	-	38.91	7.56	34.27
PK	15.5705G	58.66	74.00	-15.34	45.57	3	Vertical	223	1.10	-	39.07	9.38	35.36
AV	15.57404G	45.77	54.00	-8.23	32.68	3	Vertical	223	1.10	-	39.07	9.38	35.36

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

14/04/2020



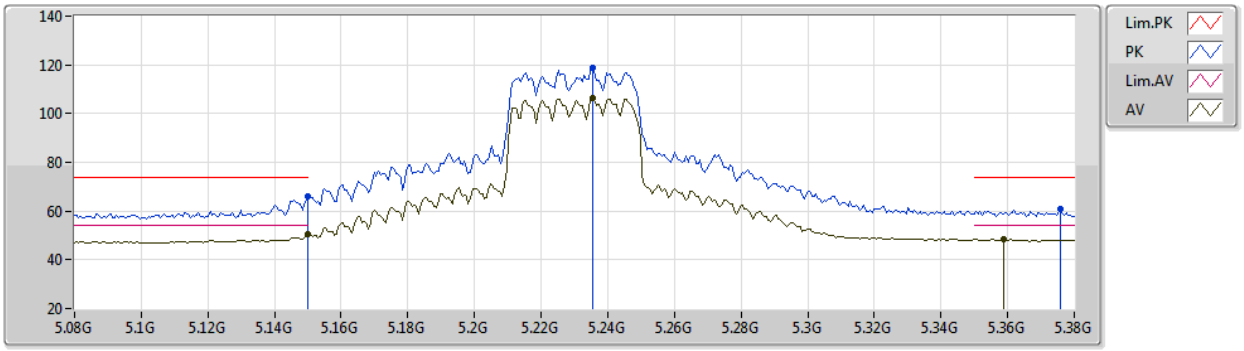
EUT Y_4TX
Setting 68
04-F-K-3

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	10.3835G	53.64	68.20	-14.56	41.44	3	Horizontal	65	2.32	-	38.91	7.56	34.27
PK	15.57426G	57.56	74.00	-16.44	44.47	3	Horizontal	301	1.74	-	39.07	9.38	35.36
AV	15.57488G	45.08	54.00	-8.92	31.99	3	Horizontal	301	1.74	-	39.07	9.38	35.36

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

14/04/2020



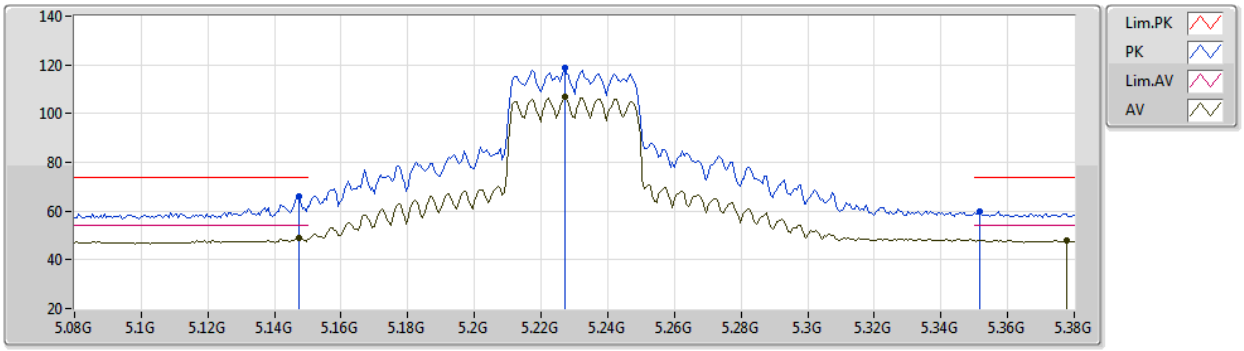
EUT Y_4TX
Setting 96
04-F-K-3-10

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	65.96	74.00	-8.04	61.18	3	Vertical	224	1.68	-	33.05	5.10	33.37
AV	5.15G	50.51	54.00	-3.49	45.73	3	Vertical	224	1.68	-	33.05	5.10	33.37
PK	5.2354G	118.75	Inf	-Inf	113.84	3	Vertical	224	1.68	-	33.14	5.15	33.38
AV	5.2354G	106.13	Inf	-Inf	101.22	3	Vertical	224	1.68	-	33.14	5.15	33.38
PK	5.3758G	60.61	74.00	-13.39	55.35	3	Vertical	224	1.68	-	33.43	5.22	33.39
AV	5.359G	48.55	54.00	-5.45	43.35	3	Vertical	224	1.68	-	33.38	5.21	33.39

802.11ax HEW40_Nss1,(MCS0)_4TX

14/04/2020

5230MHz_TX



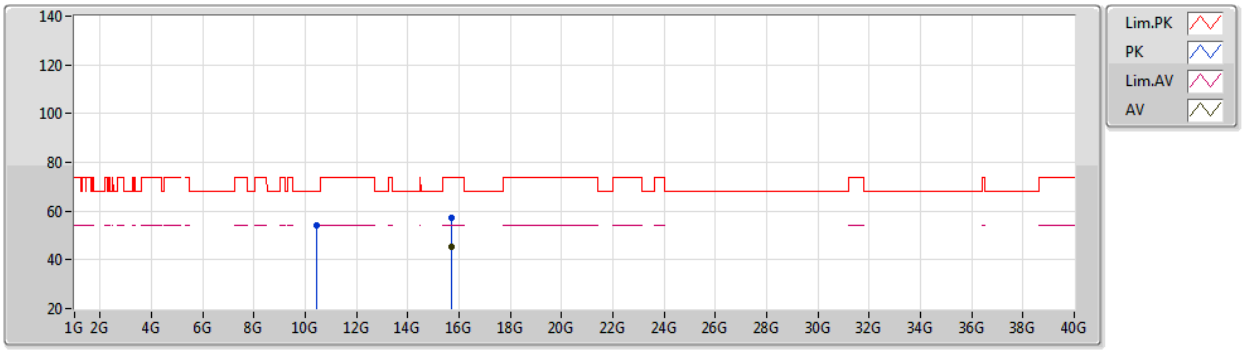
EUT Y_4TX
Setting 96
04-F-K-3-10

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	5.1472G	65.86	74.00	-8.14	61.08	3	Horizontal	360	1.33	-	33.05	5.10	33.37
AV	5.1472G	49.14	54.00	-4.86	44.36	3	Horizontal	360	1.33	-	33.05	5.10	33.37
PK	5.227G	118.67	Inf	-Inf	113.78	3	Horizontal	360	1.33	-	33.13	5.14	33.38
AV	5.227G	106.65	Inf	-Inf	101.76	3	Horizontal	360	1.33	-	33.13	5.14	33.38
PK	5.3518G	59.61	74.00	-14.39	54.43	3	Horizontal	360	1.33	-	33.36	5.21	33.39
AV	5.3776G	47.91	54.00	-6.09	42.65	3	Horizontal	360	1.33	-	33.43	5.22	33.39

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

14/04/2020



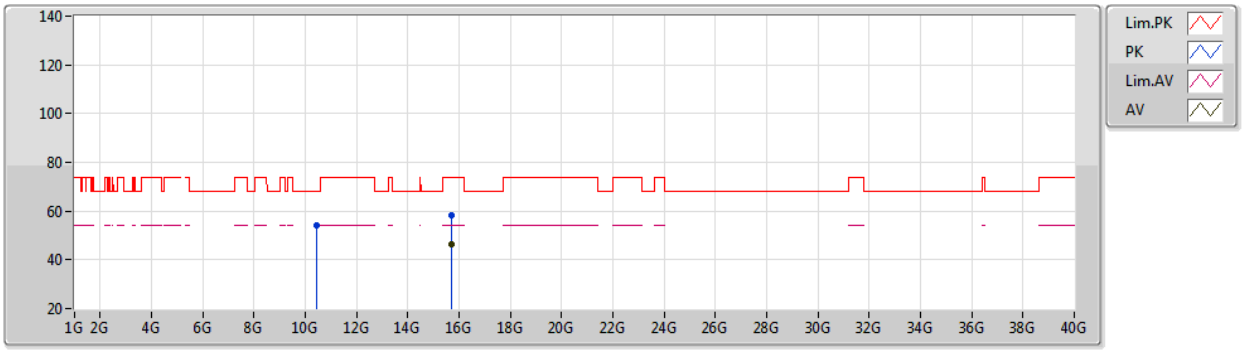
EUT Y_4TX
Setting 96
04-F-K-3

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	10.4636G	53.98	68.20	-14.22	41.76	3	Vertical	256	2.21	-	38.97	7.60	34.35
PK	15.6998G	57.24	74.00	-16.76	44.30	3	Vertical	229	2.12	-	38.93	9.39	35.38
AV	15.699G	45.55	54.00	-8.45	32.61	3	Vertical	229	2.12	-	38.93	9.39	35.38

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

14/04/2020



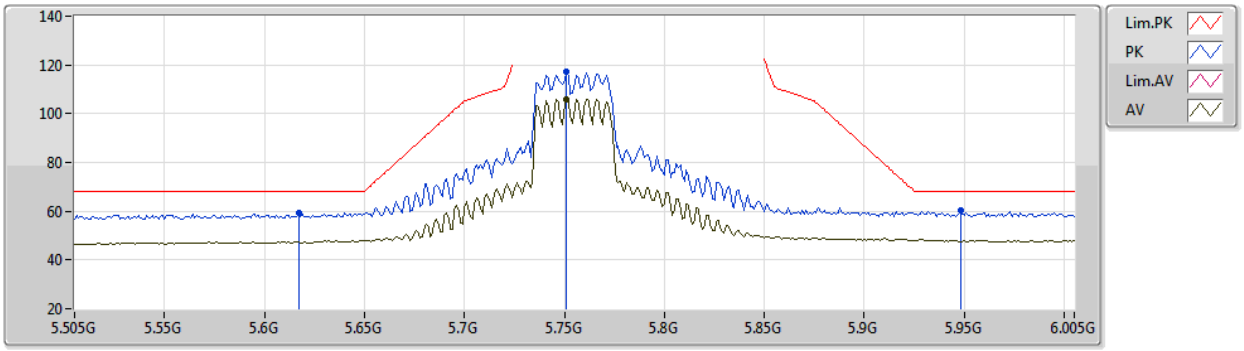
EUT Y_4TX
Setting 96
04-F-K-3

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	10.4658G	54.37	68.20	-13.83	42.15	3	Horizontal	202	2.97	-	38.97	7.60	34.35
PK	15.6964G	58.27	74.00	-15.73	45.33	3	Horizontal	95	1.05	-	38.93	9.39	35.38
AV	15.6918G	46.21	54.00	-7.79	33.26	3	Horizontal	95	1.05	-	38.94	9.39	35.38

802.11ax HEW40_Nss1,(MCS0)_4TX

14/04/2020

5755MHz_TX



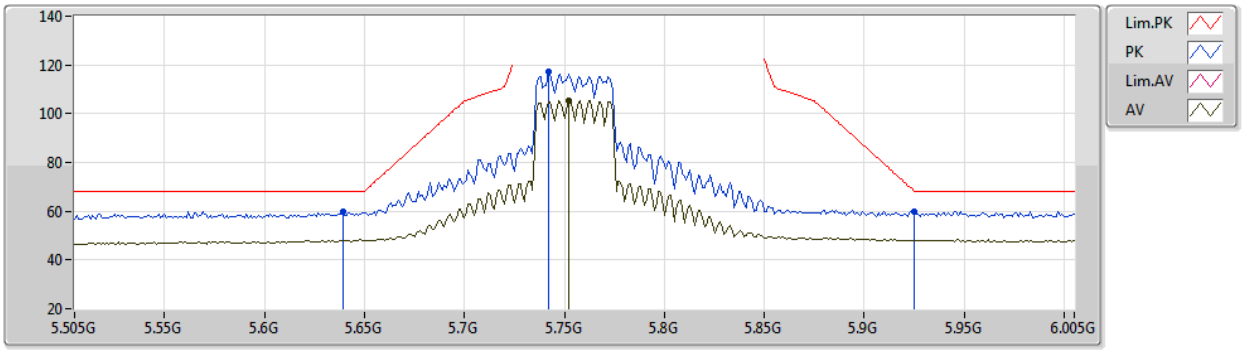
EUT Y_4TX
Setting 96
04-F-K-3-10

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	5.617G	59.25	68.20	-8.95	53.23	3	Vertical	267	1.43	-	34.02	5.37	33.37
PK	5.751G	116.99	Inf	-Inf	110.66	3	Vertical	267	1.43	-	34.20	5.48	33.35
AV	5.751G	105.97	Inf	-Inf	99.64	3	Vertical	267	1.43	-	34.20	5.48	33.35
PK	5.948G	60.13	68.20	-8.07	52.74	3	Vertical	267	1.43	-	35.09	5.62	33.32

802.11ax HEW40_Nss1,(MCS0)_4TX

14/04/2020

5755MHz_TX



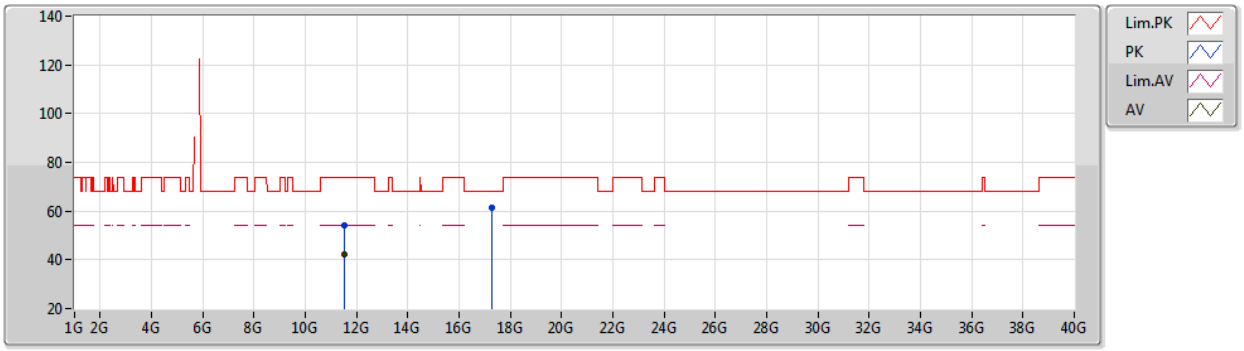
EUT Y_4TX
Setting 96
04-F-K-3-10

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	5.639G	60.06	68.20	-8.14	54.00	3	Horizontal	179	1.53	-	34.04	5.39	33.37
PK	5.742G	117.38	Inf	-Inf	111.08	3	Horizontal	179	1.53	-	34.18	5.47	33.35
AV	5.752G	105.47	Inf	-Inf	99.14	3	Horizontal	179	1.53	-	34.20	5.48	33.35
PK	5.925G	59.87	68.20	-8.33	52.58	3	Horizontal	179	1.53	-	35.00	5.61	33.32

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

14/04/2020



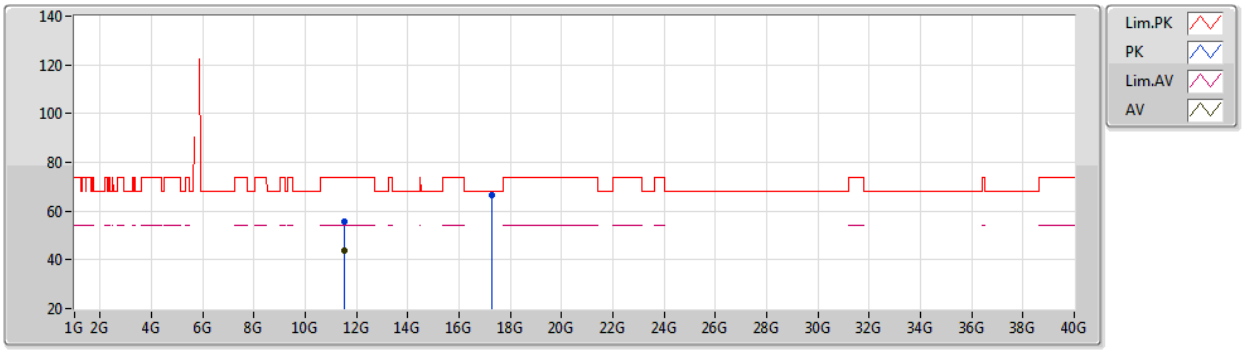
EUT Y_4TX
Setting 96
04-F-K-3

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	11.5109G	54.35	74.00	-19.65	42.02	3	Vertical	279	1.53	-	39.14	8.19	35.00
AV	11.5138G	42.37	54.00	-11.63	30.04	3	Vertical	279	1.53	-	39.14	8.19	35.00
PK	17.2659G	61.19	68.20	-7.01	45.46	3	Vertical	308	2.20	-	41.04	10.13	35.44

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

14/04/2020



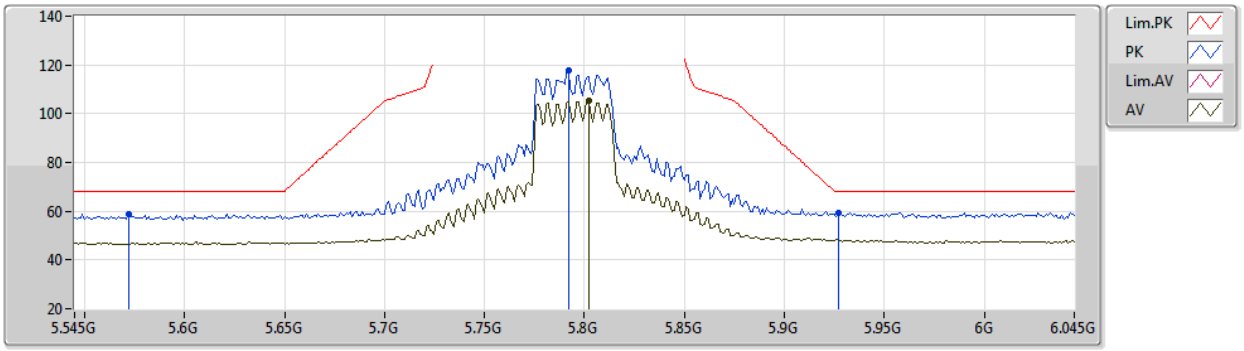
EUT Y_4TX
Setting 96
04-F-K-3

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	11.5065G	55.65	74.00	-18.35	43.31	3	Horizontal	131	1.72	-	39.15	8.19	35.00
AV	11.5091G	43.97	54.00	-10.03	31.63	3	Horizontal	131	1.72	-	39.15	8.19	35.00
PK	17.26332G	66.30	68.20	-1.90	50.57	3	Horizontal	125	1.80	-	41.04	10.13	35.44

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

14/04/2020



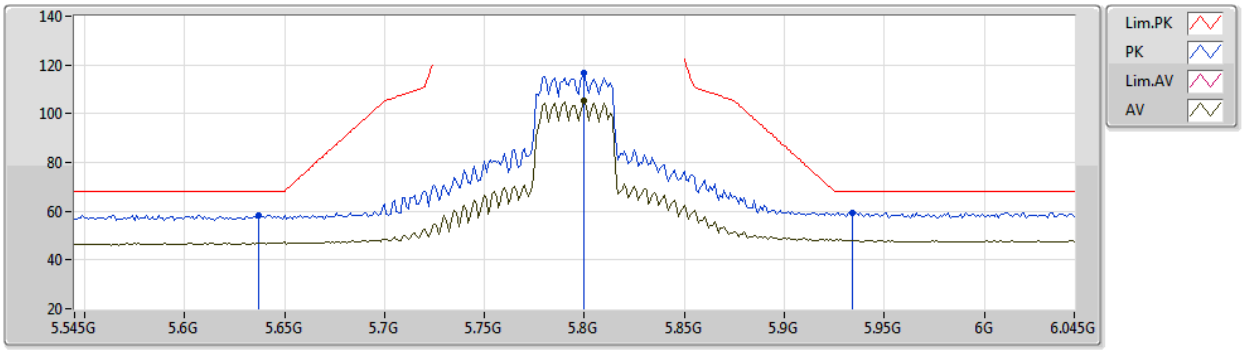
EUT Y_4TX
Setting 96
04-F-K-3-10

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	5.572G	58.63	68.20	-9.57	52.73	3	Vertical	302	1.46	-	33.94	5.34	33.38
PK	5.792G	117.82	Inf	-Inf	111.38	3	Vertical	302	1.46	-	34.28	5.50	33.34
AV	5.802G	105.41	Inf	-Inf	98.93	3	Vertical	302	1.46	-	34.31	5.51	33.34
PK	5.927G	59.41	68.20	-8.79	52.11	3	Vertical	302	1.46	-	35.01	5.61	33.32

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

14/04/2020



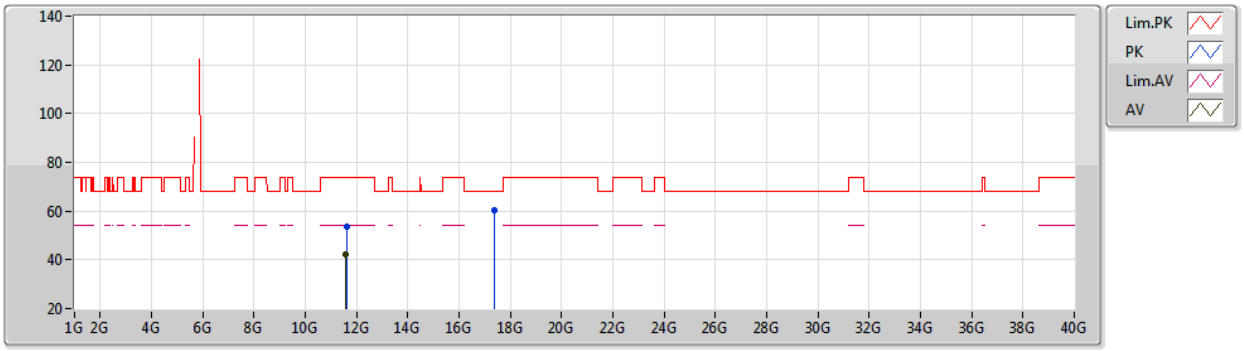
EUT Y_4TX
Setting 96
04-F-K-3-10

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	5.637G	58.39	68.20	-9.81	52.33	3	Horizontal	360	1.43	-	34.04	5.39	33.37
PK	5.8G	116.75	Inf	-Inf	110.28	3	Horizontal	360	1.43	-	34.30	5.51	33.34
AV	5.8G	105.31	Inf	-Inf	98.84	3	Horizontal	360	1.43	-	34.30	5.51	33.34
PK	5.934G	59.40	68.20	-8.80	52.07	3	Horizontal	360	1.43	-	35.04	5.61	33.32

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

14/04/2020



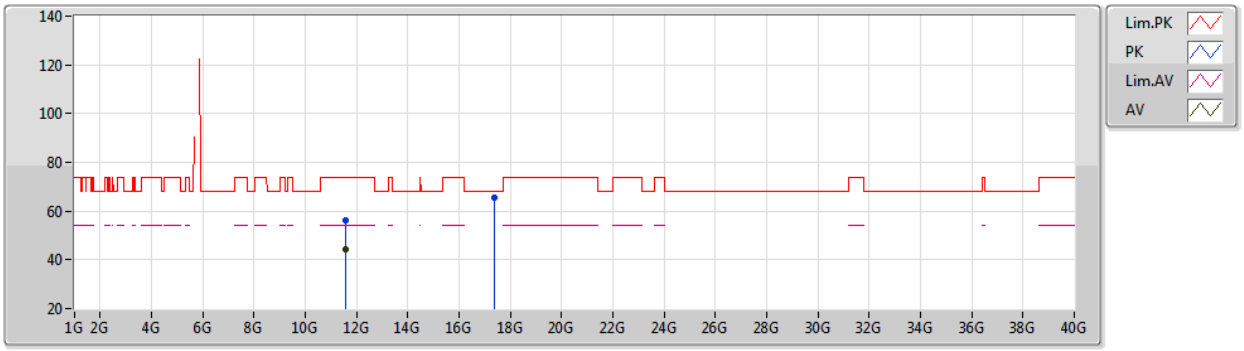
EUT Y_4TX
Setting 96
04-F-K-3

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	11.60128G	53.71	74.00	-20.29	41.38	3	Vertical	89	1.28	-	39.10	8.25	35.02
AV	11.56024G	42.08	54.00	-11.92	29.75	3	Vertical	89	1.28	-	39.12	8.22	35.01
PK	17.37264G	60.51	68.20	-7.69	44.68	3	Vertical	22	2.11	-	41.14	10.10	35.41

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

14/04/2020



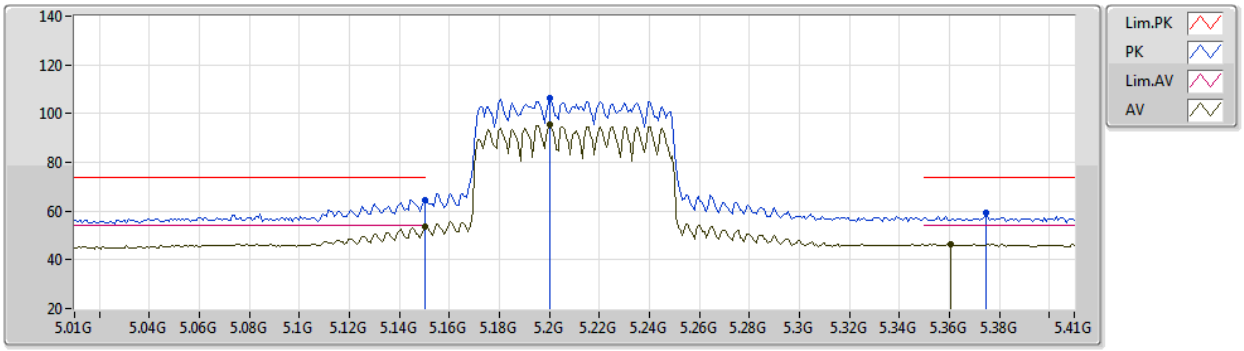
EUT Y_4TX
Setting 96
04-F-K-3

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	11.59216G	56.28	74.00	-17.72	43.96	3	Horizontal	123	1.85	-	39.10	8.24	35.02
AV	11.5918G	44.18	54.00	-9.82	31.86	3	Horizontal	123	1.85	-	39.10	8.24	35.02
PK	17.3852G	65.63	68.20	-2.57	49.78	3	Horizontal	121	1.94	-	41.15	10.10	35.40

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

14/04/2020



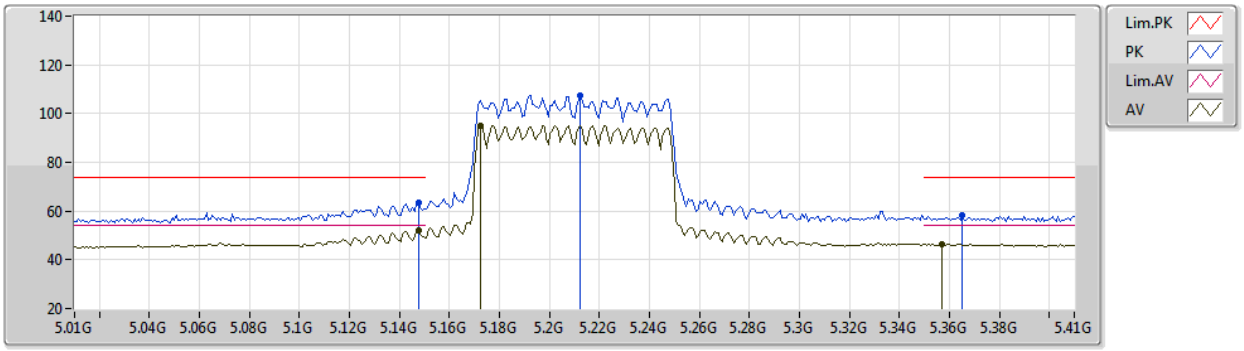
EUT Y_4TX
Setting 66
04-F-K-3-10

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	64.60	74.00	-9.40	59.81	3	Vertical	216	1.67	-	33.05	5.11	33.37
AV	5.15G	53.74	54.00	-0.26	48.95	3	Vertical	216	1.67	-	33.05	5.11	33.37
PK	5.2004G	106.13	Inf	-Inf	101.28	3	Vertical	216	1.67	-	33.10	5.13	33.38
AV	5.2004G	95.41	Inf	-Inf	90.56	3	Vertical	216	1.67	-	33.10	5.13	33.38
PK	5.3748G	59.48	74.00	-14.52	54.23	3	Vertical	216	1.67	-	33.42	5.22	33.39
AV	5.3604G	46.44	54.00	-7.56	41.24	3	Vertical	216	1.67	-	33.38	5.21	33.39

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

14/04/2020



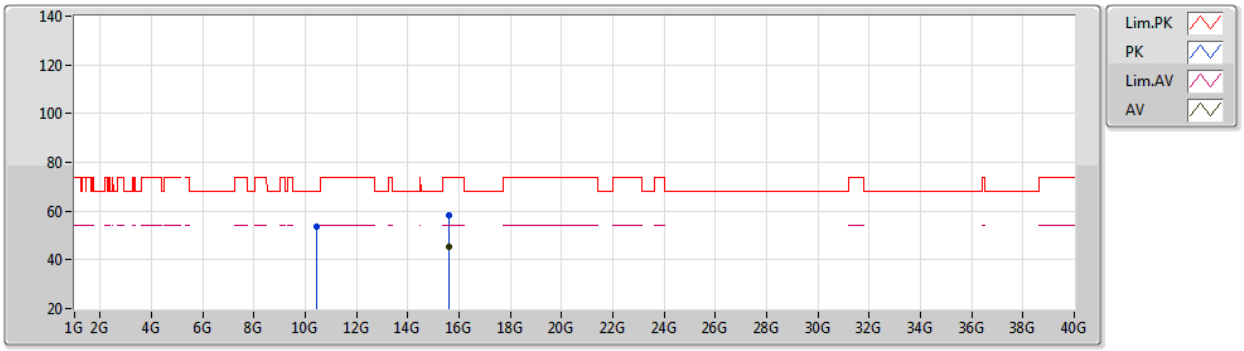
EUT Y_4TX
Setting 66
04-F-K-3-10

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	63.43	74.00	-10.57	58.65	3	Horizontal	360	1.54	-	33.05	5.10	33.37
AV	5.1476G	52.27	54.00	-1.73	47.49	3	Horizontal	360	1.54	-	33.05	5.10	33.37
PK	5.2124G	107.47	Inf	-Inf	102.60	3	Horizontal	360	1.54	-	33.11	5.14	33.38
AV	5.1724G	95.14	Inf	-Inf	90.33	3	Horizontal	360	1.54	-	33.07	5.12	33.38
PK	5.3652G	58.14	74.00	-15.86	52.92	3	Horizontal	360	1.54	-	33.40	5.21	33.39
AV	5.3572G	46.51	54.00	-7.49	41.32	3	Horizontal	360	1.54	-	33.37	5.21	33.39

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

14/04/2020



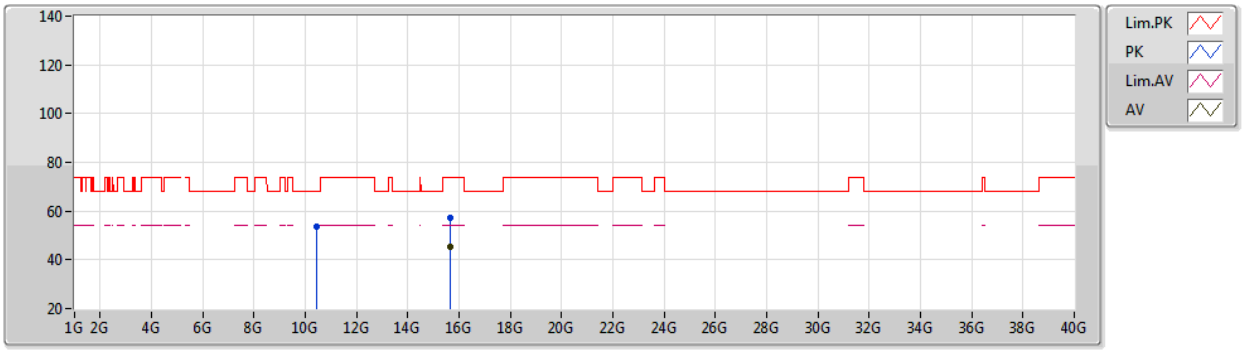
EUT Y_4TX
Setting 66
04-F-K-3

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	10.42204G	53.75	68.20	-14.45	41.54	3	Vertical	292	1.05	-	38.94	7.58	34.31
PK	15.62308G	58.09	74.00	-15.91	45.07	3	Vertical	189	1.56	-	39.01	9.38	35.37
AV	15.62244G	45.13	54.00	-8.87	32.10	3	Vertical	189	1.56	-	39.02	9.38	35.37

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

14/04/2020



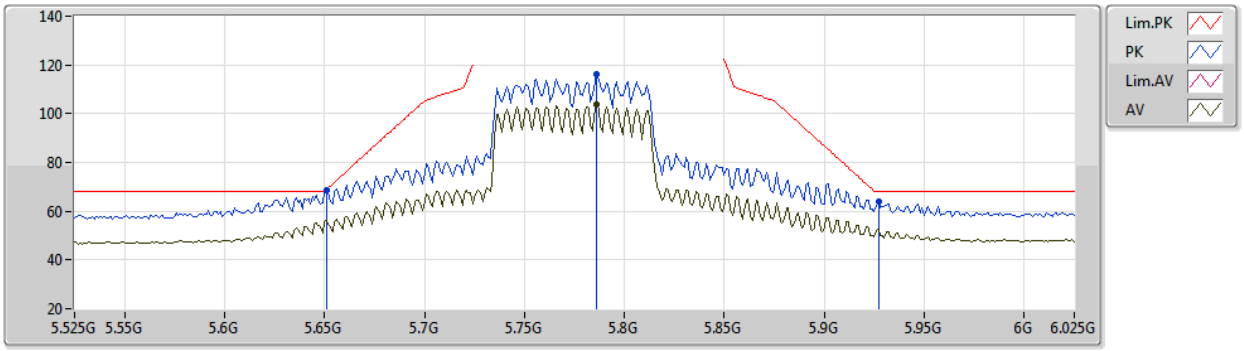
EUT Y_4TX
Setting 66
04-F-K-3

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	10.42216G	53.75	68.20	-14.45	41.54	3	Horizontal	278	1.19	-	38.94	7.58	34.31
PK	15.63476G	57.23	74.00	-16.77	44.22	3	Horizontal	198	2.77	-	39.00	9.38	35.37
AV	15.63516G	45.11	54.00	-8.89	32.10	3	Horizontal	198	2.77	-	39.00	9.38	35.37

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

14/04/2020



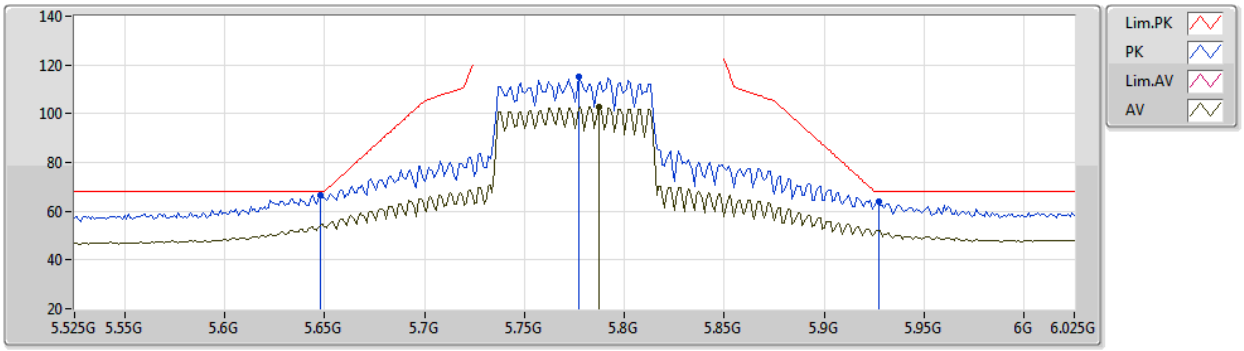
EUT Y_4TX
Setting 96
04-F-K-3-10

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	5.651G	68.84	68.94	-0.10	62.75	3	Vertical	266	1.40	-	34.05	5.40	33.36
PK	5.786G	116.04	Inf	-Inf	109.61	3	Vertical	266	1.40	-	34.27	5.50	33.34
AV	5.786G	103.54	Inf	-Inf	97.11	3	Vertical	266	1.40	-	34.27	5.50	33.34
PK	5.927G	64.18	68.20	-4.02	56.88	3	Vertical	266	1.40	-	35.01	5.61	33.32

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

14/04/2020



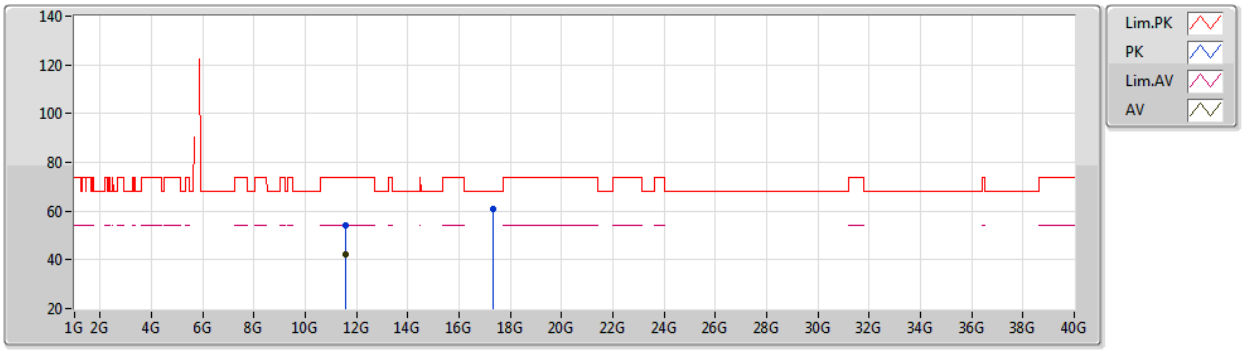
EUT Y_4TX
Setting 96
04-F-K-3-10

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	5.648G	66.79	68.20	-1.41	60.71	3	Horizontal	173	1.44	-	34.05	5.40	33.37
PK	5.777G	115.34	Inf	-Inf	108.94	3	Horizontal	173	1.44	-	34.25	5.49	33.34
AV	5.787G	102.85	Inf	-Inf	96.42	3	Horizontal	173	1.44	-	34.27	5.50	33.34
PK	5.927G	64.00	68.20	-4.20	56.70	3	Horizontal	173	1.44	-	35.01	5.61	33.32

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

14/04/2020



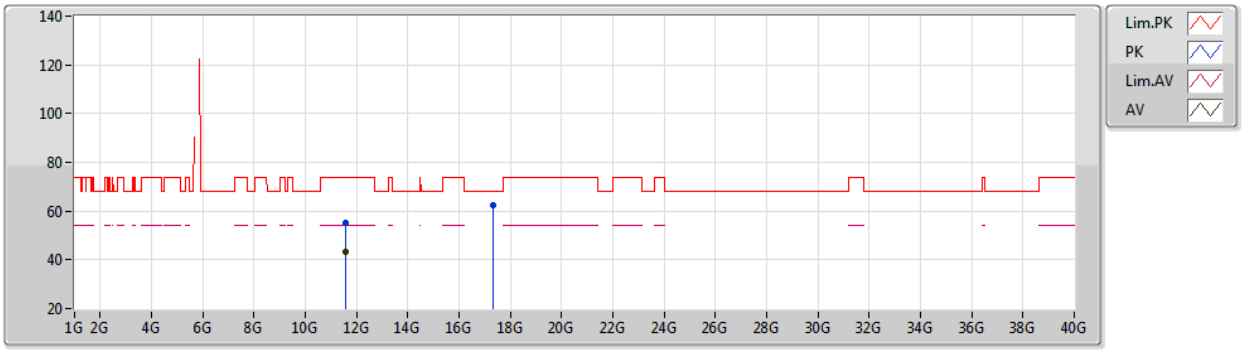
EUT Y_4TX
Setting 96
04-F-K-3

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	11.5502G	54.38	74.00	-19.62	42.05	3	Vertical	203	2.46	-	39.12	8.22	35.01
AV	11.5539G	42.39	54.00	-11.61	30.06	3	Vertical	203	2.46	-	39.12	8.22	35.01
PK	17.3259G	60.84	68.20	-7.36	45.06	3	Vertical	118	2.39	-	41.09	10.11	35.42

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

14/04/2020



EUT Y_4TX
Setting 96
04-F-K-3

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	11.5636G	55.36	74.00	-18.64	43.02	3	Horizontal	132	1.82	-	39.12	8.23	35.01
AV	11.5538G	43.11	54.00	-10.89	30.78	3	Horizontal	132	1.82	-	39.12	8.22	35.01
PK	17.32476G	62.62	68.20	-5.58	46.84	3	Horizontal	143	1.80	-	41.09	10.11	35.42