FCC RADIO TEST REPORT

FCC ID	:	MSQ-RTAXJF00
Equipment	:	Wireless-AXE11000 Tri-band Gigabit Router, ROG Rapture Tri-band Gaming Router, ROG Rapture GT-AXE11000 Tri-band Gaming Router, Wi-Fi 6E ROG Rapture GT-AXE11000 Tri-band Gaming Router
Brand Name	:	ASUS
Model Name	:	GT-AXE11000
Applicant	:	ASUSTeK COMPUTER INC. 1F., No. 15, Lide Rd., Beitou, Taipei 112, Taiwan
Manufacturer (1)	:	ASUSTeK Computer Inc 1F., No. 15, Lide Rd., Beitou, Taipei 112, Taiwan
Manufacturer (2)	:	Kentec Inc. No. 5, Tzu-Chiang 1st Rd. Chungli Industrial Zone, Taoyuan Hsien, Taiwan
Manufacturer (3)	:	Lukisen Electronic Corp. 3F., No.236, Boai St., Shulin Dist., New Taipei City 23845, Taiwan
Manufacturer (4)	:	Lih Rong Electronic Enterprise Co.,Ltd No. 486, Sec. 1, Wanshou Rd., Guishan Dist., Taoyuan City 33350, Taiwan
Standard	:	47 CFR FCC Part 15.407

The product was received on Jul. 08, 2020, and testing was started from Jul. 10, 2020 and completed on Oct. 14, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this variant 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.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR070920-01AB	01	Initial issue of report	Oct. 20, 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	-
3.1	15.407(a)	Emission Bandwidth	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

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

Reviewed by: Sam Chen

Report Producer: Wendy Pan

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [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 HT20-BF	20	4
5.15-5.25GHz	802.11ac VHT20	20	4
5.15-5.25GHz	802.11ac VHT20-BF	20	4
5.15-5.25GHz	802.11ax HEW20	20	4
5.15-5.25GHz	802.11ax HEW20-BF	20	4
5.15-5.25GHz	802.11n HT40	40	4
5.15-5.25GHz	802.11n HT40-BF	40	4
5.15-5.25GHz	802.11ac VHT40	40	4
5.15-5.25GHz	802.11ac VHT40-BF	40	4
5.15-5.25GHz	802.11ax HEW40	40	4
5.15-5.25GHz	802.11ax HEW40-BF	40	4
5.15-5.25GHz	802.11ac VHT80	80	4
5.15-5.25GHz	802.11ac VHT80-BF	80	4
5.15-5.25GHz	802.11ax HEW80	80	4
5.15-5.25GHz	802.11ax HEW80-BF	80	4
5.15-5.25GHz	802.11ac HEW160	160	4
5.15-5.25GHz	802.11ac HEW160-BF	160	4
5.15-5.25GHz	802.11ax HEW160	160	4
5.15-5.25GHz	802.11ax HEW160-BF	160	4
5.25-5.35GHz	802.11a	20	4
5.25-5.35GHz	802.11n HT20	20	4
5.25-5.35GHz	802.11n HT20-BF	20	4
5.25-5.35GHz	802.11ac VHT20	20	4
5.25-5.35GHz	802.11ac VHT20-BF	20	4
5.25-5.35GHz	802.11ax HEW20	20	4
5.25-5.35GHz	802.11ax HEW20-BF	20	4
5.25-5.35GHz	802.11n HT40	40	4
5.25-5.35GHz	802.11n HT40-BF	40	4
5.25-5.35GHz	802.11ac VHT40	40	4
5.25-5.35GHz	802.11ac VHT40-BF	40	4
5.25-5.35GHz	802.11ax HEW40	40	4
5.25-5.35GHz	802.11ax HEW40-BF	40	4
5.25-5.35GHz	802.11ac VHT80	80	4
5.25-5.35GHz	802.11ac VHT80-BF	80	4
5.25-5.35GHz	802.11ax HEW80	80	4
5.25-5.35GHz	802.11ax HEW80-BF	80	4
5.25-5.35GHz	802.11ac HEW160	160	4

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11ac HEW160-BF	160	4
5.25-5.35GHz	802.11ax HEW160	160	4
5.25-5.35GHz	802.11ax HEW160-BF	160	4
5.47-5.725GHz	802.11a	20	4
5.47-5.725GHz	802.11n HT20	20	4
5.47-5.725GHz	802.11n HT20-BF	20	4
5.47-5.725GHz	802.11ac VHT20	20	4
5.47-5.725GHz	802.11ac VHT20-BF	20	4
5.47-5.725GHz	802.11ax HEW20	20	4
5.47-5.725GHz	802.11ax HEW20-BF	20	4
5.47-5.725GHz	802.11n HT40	40	4
5.47-5.725GHz	802.11n HT40-BF	40	4
5.47-5.725GHz	802.11ac VHT40	40	4
5.47-5.725GHz	802.11ac VHT40-BF	40	4
5.47-5.725GHz	802.11ax HEW40	40	4
5.47-5.725GHz	802.11ax HEW40-BF	40	4
5.47-5.725GHz	802.11ac VHT80	80	4
5.47-5.725GHz	802.11ac VHT80-BF	80	4
5.47-5.725GHz	802.11ax HEW80	80	4
5.47-5.725GHz	802.11ax HEW80-BF	80	4
5.47-5.725GHz	802.11ac HEW160	160	4
5.47-5.725GHz	802.11ac HEW160-BF	160	4
5.47-5.725GHz	802.11ax HEW160	160	4
5.47-5.725GHz	802.11ax HEW160-BF	160	4
5.725-5.85GHz	802.11a	20	4
5.725-5.85GHz	802.11n HT20	20	4
5.725-5.85GHz	802.11n HT20-BF	20	4
5.725-5.85GHz	802.11ac VHT20	20	4
5.725-5.85GHz	802.11ac VHT20-BF	20	4
5.725-5.85GHz	802.11ax HEW20	20	4
5.725-5.85GHz	802.11ax HEW20-BF	20	4
5.725-5.85GHz	802.11n HT40	40	4
5.725-5.85GHz	802.11n HT40-BF	40	4
5.725-5.85GHz	802.11ac VHT40	40	4
5.725-5.85GHz	802.11ac VHT40-BF	40	4
5.725-5.85GHz	802.11ax HEW40	40	4
5.725-5.85GHz	802.11ax HEW40-BF	40	4
5.725-5.85GHz	802.11ac VHT80	80	4
5.725-5.85GHz	802.11ac VHT80-BF	80	4
5.725-5.85GHz	802.11ax HEW80	80	4

Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11ax HEW80-BF	80	4

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Set	Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)		
							2.4GHz	5GHz UNII 1~3	6GHz UNII 5~ 8
1	1	1	WHAYU	C660-510515-A	Dipole Antenna	I-PEX MHF	1.99	1.98	-
	2	2	WHAYU	C660-510516-A	Dipole Antenna	I-PEX MHF	1.99	1.99	-
	3	3	WHAYU	C660-510517-A	Dipole Antenna	I-PEX MHF	1.97	1.97	-
	4	4	WHAYU	C660-510518-A	Dipole Antenna	I-PEX MHF	1.98	2.00	-
	5	1	WHAYU	C660-510519-A	Dipole Antenna	I-PEX MHF 4L	-	-	1.98
	6	2	WHAYU	C660-510520-A	Dipole Antenna	I-PEX MHF 4L	-	-	1.98
	7	3	WHAYU	C660-510521-A	Dipole Antenna	I-PEX MHF 4L	-	-	1.97
	8	4	WHAYU	C660-510522-A	Dipole Antenna	I-PEX MHF 4L	-	-	1.98
	9	1	WHAYU	C660-510485-A	PIFA Antenna	I-PEX	-	3.3	-
2	1	1	WALSIN	RFDPA161209IMLB701	Dipole Antenna	I-PEX MHF	1.99	1.98	-
	2	2	WALSIN	RFDPA161209IMLB702	Dipole Antenna	I-PEX MHF	1.99	1.99	-
	3	3	WALSIN	RFDPA161205IMLB701	Dipole Antenna	I-PEX MHF	1.97	1.97	-
	4	4	WALSIN	RFDPA161203IMLB701	Dipole Antenna	I-PEX MHF	1.98	2.00	-
	5	1	WALSIN	RFDPA161211EM6B701	Dipole Antenna	I-PEX MHF 4L	-	-	1.98
	6	2	WALSIN	RFDPA161207EM6B701	Dipole Antenna	I-PEX MHF 4L	-	-	1.98
	7	3	WALSIN	RFDPA161207EM6B702	Dipole Antenna	I-PEX MHF 4L	-	-	1.97
	8	4	WALSIN	RFDPA161209EM6B701	Dipole Antenna	I-PEX MHF 4L	-	-	1.98
	9	1	WHAYU	C660-510485-A	PIFA Antenna	I-PEX	-	3.3	-
3	1	1	WHAYU	C660-510531-A	Dipole Antenna	I-PEX MHF	1.99	1.98	-
	2	2	WHAYU	C660-510532-A	Dipole Antenna	I-PEX MHF	1.99	1.99	-
	3	3	WHAYU	C660-510533-A	Dipole Antenna	I-PEX MHF	1.97	1.97	-
	4	4	WHAYU	C660-510534-A	Dipole Antenna	I-PEX MHF	1.98	2.00	-
	5	1	WHAYU	C660-510535-A	Dipole Antenna	I-PEX MHF 4L	-	-	1.98
	6	2	WHAYU	C660-510536-A	Dipole Antenna	I-PEX MHF 4L	-	-	1.98
	7	3	WHAYU	C660-510537-A	Dipole Antenna	I-PEX MHF 4L	-	-	1.97
	8	4	WHAYU	C660-510538-A	Dipole Antenna	I-PEX MHF 4L	-	-	1.98
	9	1	WHAYU	C660-510485-A	PIFA Antenna	I-PEX	-	3.3	-

Note1: There's only set 1 selected to test and recorded in the report.

Note2: The above information was declared by manufacturer.

<For 2.4GHz Band>

For IEEE 802.11b/g/n/VHT mode (4TX/4RX)

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

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

<For 5GHz Band UNII 1~UNII 3>

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

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

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

<For 6GHz Band UNII 5~UNII 8>

For IEEE 802.11ax mode (4TX/4RX)

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

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

1.1.3 Mode Test Duty Cycle

For non-beamforming mode:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_4TX	0.552	2.58	128.75u	10k
802.11ax HEW80_Nss1,(MCS0)_4TX	0.985	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80_Nss4,(MCS0)_4TX	0.945	0.25	545u	3k

For beamforming mode:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.953	0.21	2.936m	1k
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	0.979	0.09	4.375m	300
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.958	0.19	4.372m	300
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	0.957	0.19	5.093m	300
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.95	0.22	4.151m	300
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	0.967	0.15	4.838m	300
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	0.94	0.27	4.834m	300
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	Note: The product has beamforming function for n/ac/VHT in 2.4GHz, n/ac/ax in 5GHz UNII 1~UNII 3, and ax in 6GHz UNII 5~UNII 8.			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	M-Tool V3.2.0.2			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

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

Equipment Name	Brand Name	Model Name
Wireless-AXE11000 Tri-band Gigabit Router, ROG Rapture Tri-band Gaming Router, ROG Rapture GT-AXE11000 Tri-band Gaming Router, Wi-Fi 6E ROG Rapture GT-AXE11000 Tri-band Gaming Router	ASUS	GT-AXE11000
Description		
For marketing reason the same product will be covered by different equipment name.		

1.1.6 The EUT Supports Type

The EUT supports AP Router, Repeater, Mesh, bridge functions for WLAN 2.4GHz and WLAN 5GHz.

1.1.7 Table for Class III Change

This product is an extension of original one reported under Sporton project number: FR070920AB

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
1. Adding TXBF mode for 2.4GHz and 5GHz UNII 1~UNII 3 of the device. 2. Adding the test results of 4T4S non-TXBF 80MHz mode for UNII 1, UNII 3. 3. Upgrade the power of 4T1S non-TXBF mode for 802.11a UNII 1, UNII 3 for frequency 5180, 5200, 5500, 5700MHz and 4T1S non-TXBF mode for frequency 5210MHz.	1. Emission Bandwidth 2. Maximum Conducted Output Power 3. Peak Power Spectral Density 4. Unwanted Emissions above 1GHz
4. Remove the LED board on the top cover of the EUT.	Unwanted Emissions below 1GHz.
5. Adding U-NII 5, UNII 6, UNII 7 and UNII 8(5925~6425 MHz, 6425~6525 MHz, 6525~6875 MHz, 6875~7125 MHz) for this device.	1. AC power-line conducted emissions 2. Unwanted Emissions below 1GHz.
6. Adding two equipment names: ROG Rapture GT-AXE11000 Tri-band Gaming Router, Wi-Fi 6E ROG Rapture GT-AXE11000 Tri-band Gaming Router. 7. Adding bridge, repeater, mesh, zero wait function for this device of WLAN 2.4GHz and 5GHz only. 8. Adding two sets of antenna with same type and same antenna gain. 9. Adding PIFA antenna with receiving function only, and it supports zero wait function only.	After evaluating, It doesn't influence this test 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	TH02-CB	Caster Chang	23.4~25.2°C / 53~57%	Jul. 16, 2020 ~ Sep. 29, 2020
Radiated below 1GHz (Test Mode: Mode 1)	03CH06-CB	Stim Sung	25.4-26.5°C / 58-60%	Jul. 10, 2020 ~ Oct. 13, 2020
Radiated below 1GHz (Test Mode: Mode 2)	03CH06-CB	Stim Sung	23.9-25.4°C / 53-56%	Jul. 10, 2020 ~ Oct. 13, 2020
Radiated below 1GHz (Test Mode: Mode 3)	03CH05-CB	Stim Sung	24.1-25.3°C / 54-57%	Jul. 10, 2020 ~ Oct. 13, 2020
Radiated above 1GHz	03CH04-CB	Stim Sung	24.4-25.2°C / 59-61%	Jul. 10, 2020 ~ Oct. 02, 2020
AC Conduction	CO01-CB	Max Lin	25~26°C / 60~62%	Oct. 14, 2020

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

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

For non-beamforming mode:

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	86
5200MHz	87
5500MHz	63
5700MHz	63
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	70
802.11ax HEW80_Nss4,(MCS0)_4TX	-
5210MHz	73
5775MHz	84

For beamforming mode:

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	81
5200MHz	87
5240MHz	86
5260MHz	61
5300MHz	61
5320MHz	61
5500MHz	60
5580MHz	61
5700MHz	61
5720MHz Straddle 5.47-5.725GHz	62
5720MHz Straddle 5.725-5.85GHz	62
5745MHz	83
5785MHz	85
5825MHz	85
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	72
5230MHz	86
5270MHz	61
5310MHz	61
5510MHz	60
5550MHz	61
5670MHz	60
5710MHz Straddle 5.47-5.725GHz	63
5710MHz Straddle 5.725-5.85GHz	63
5755MHz	83
5795MHz	84
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	75
5290MHz	61
5530MHz	61
5610MHz	60
5690MHz Straddle 5.47-5.725GHz	62
5690MHz Straddle 5.725-5.85GHz	62
5775MHz	84
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	71
5250MHz Straddle 5.25-5.35GHz	71
5570MHz	62

Mode	Power Setting
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-
5180MHz	84
5200MHz	95
5240MHz	94
5260MHz	68
5300MHz	69
5320MHz	69
5500MHz	67
5580MHz	69
5700MHz	68
5720MHz Straddle 5.47-5.725GHz	69
5720MHz Straddle 5.725-5.85GHz	69
5745MHz	93
5785MHz	94
5825MHz	95
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-
5190MHz	70
5230MHz	91
5270MHz	69
5310MHz	70
5510MHz	67
5550MHz	69
5670MHz	68
5710MHz Straddle 5.47-5.725GHz	69
5710MHz Straddle 5.725-5.85GHz	69
5755MHz	88
5795MHz	93
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-
5210MHz	68
5290MHz	70
5530MHz	68
5610MHz	68
5690MHz Straddle 5.47-5.725GHz	69
5690MHz Straddle 5.725-5.85GHz	69
5775MHz	85
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	70
5250MHz Straddle 5.25-5.35GHz	70
5570MHz	69

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
	There are three adapters, after evaluating, Adapter 1 has been evaluated to be the worst case among Adapter 1~3, thus measurement will follow this same test configuration.
1	EUT + Ant. set 1 - 6GHz + Adapter 1

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
1	EUT + Ant. set 1 / 4T1S: Non-beamforming mode
2	EUT + Ant. set 1 / 4T1S: beamforming mode
3	EUT + Ant. set 1 / 4T2S: beamforming mode
4	EUT + Ant. set 1 / 4T4S: Non-beamforming mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
	There are three adapters, after evaluating, Adapter 1 has been evaluated to be the worst case among Adapter 1~3, thus measurement will follow this same test configuration.
1	EUT + Ant. set 1 - 2.4GHz + Adapter 1
2	EUT + Ant. set 1 - 5GHz + Adapter 1
3	EUT + Ant. set 1 - 6GHz + Adapter 1
Mode 2 generated the worst test result, so it was recorded in this report.	
Operating Mode > 1GHz	CTX
1	EUT + Ant. set 1 / 4T1S: Non-beamforming mode
2	EUT + Ant. set 1 / 4T1S: beamforming mode
3	EUT + Ant. set 1 / 4T2S: beamforming mode
4	EUT + Ant. set 1 / 4T4S: Non-beamforming mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz UNII 1~3 + WLAN 6GHz UNII 5~8
Refer to Sporton Test Report No.: FA070920-01 for Co-location RF Exposure Evaluation.	

Note: The EUT can only use Z axis position.

2.3 EUT Operation during Test

For Normal Link:
During the test, the EUT operation to normal function.

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:
The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.
The program was executed as follows:
1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Telnet.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by WLAN AP and transmit duty cycle no less than 98%.

2.4 Accessories

Accessories				
Power	**Brand Name**	**Model Name**	**Rating**	**Remark**
Adapter 1	DELTA	ADP-65DE B	INPUT: 100-240V ~ 1.5A, 50-60Hz OUTPUT: 19.0V, 3.42A, 65.0W	DC power cable Non-shielded, 1.5m
Adapter 2	AcBel	ADD011	INPUT: 100-240V ~ 1.7A, 50-60Hz OUTPUT: 19.5V, 3.33A, 65.0W Max.	DC power cable Non-shielded, 1.5m
Adapter 3	DELTA	ADP-65GD D	INPUT: 100-240V ~ 50-60Hz, 1.5A OUTPUT: 19.0-3.42V, 65.0W	DC power cable Non-shielded, 1.5m
Others				
Power cable*1, Non-Shielded, 0.9m				
RJ-45 cable*1: Shielded, 1.5m				

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E6430	N/A
B	HDD3.0	Transcend	TS1TSJ25A3K	N/A
C	HDD3.0	Transcend	TS1TSJ25A3K	N/A

For RF Conducted:

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

For Radiated:

non-beamforming mode:

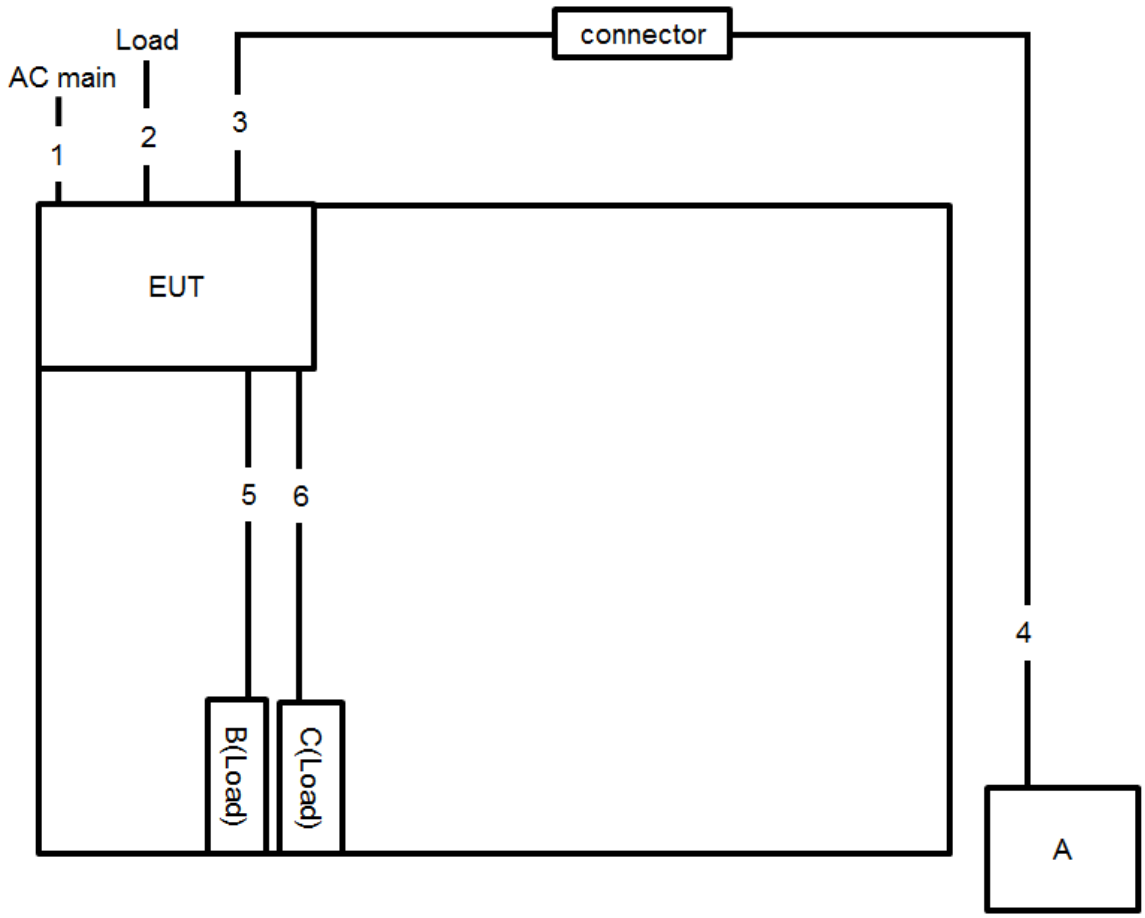
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A

beamforming mode:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	WLAN AP	ASUS	RT-AX88U	MSQ-RTAXHP00
C	Notebook	DELL	E4300	N/A

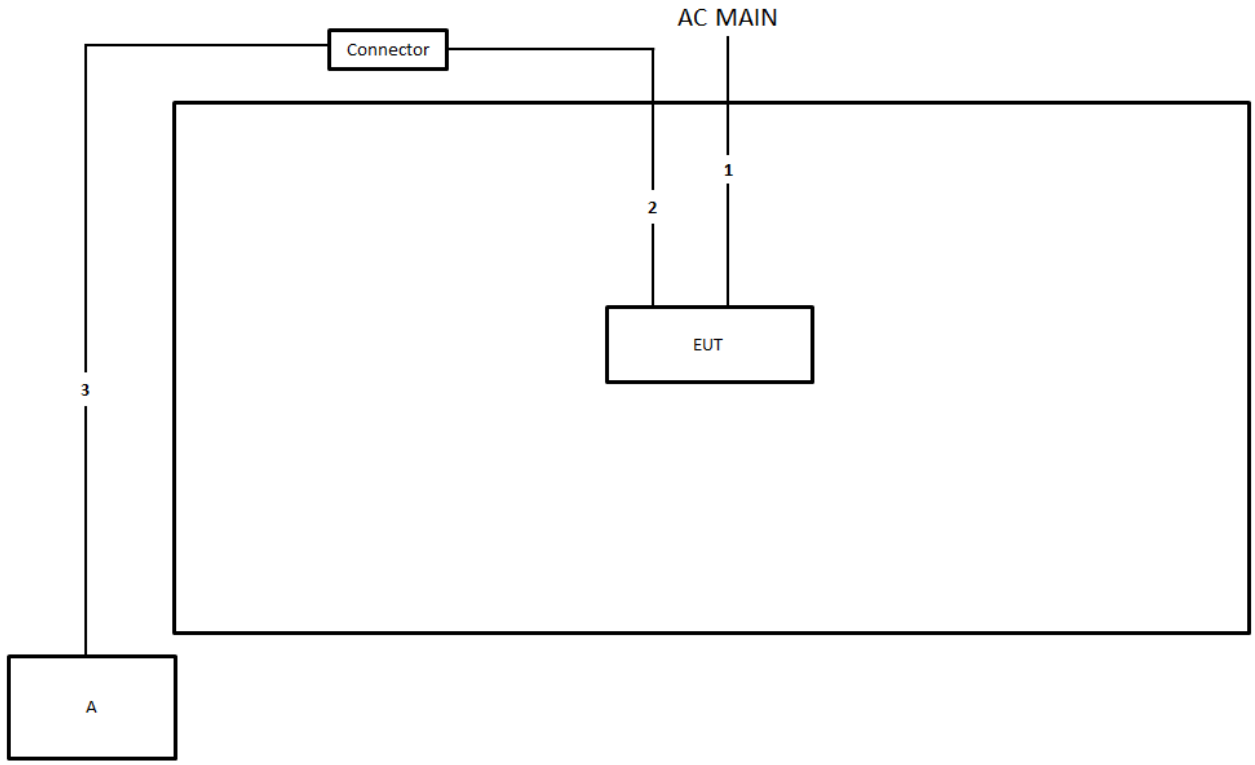
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



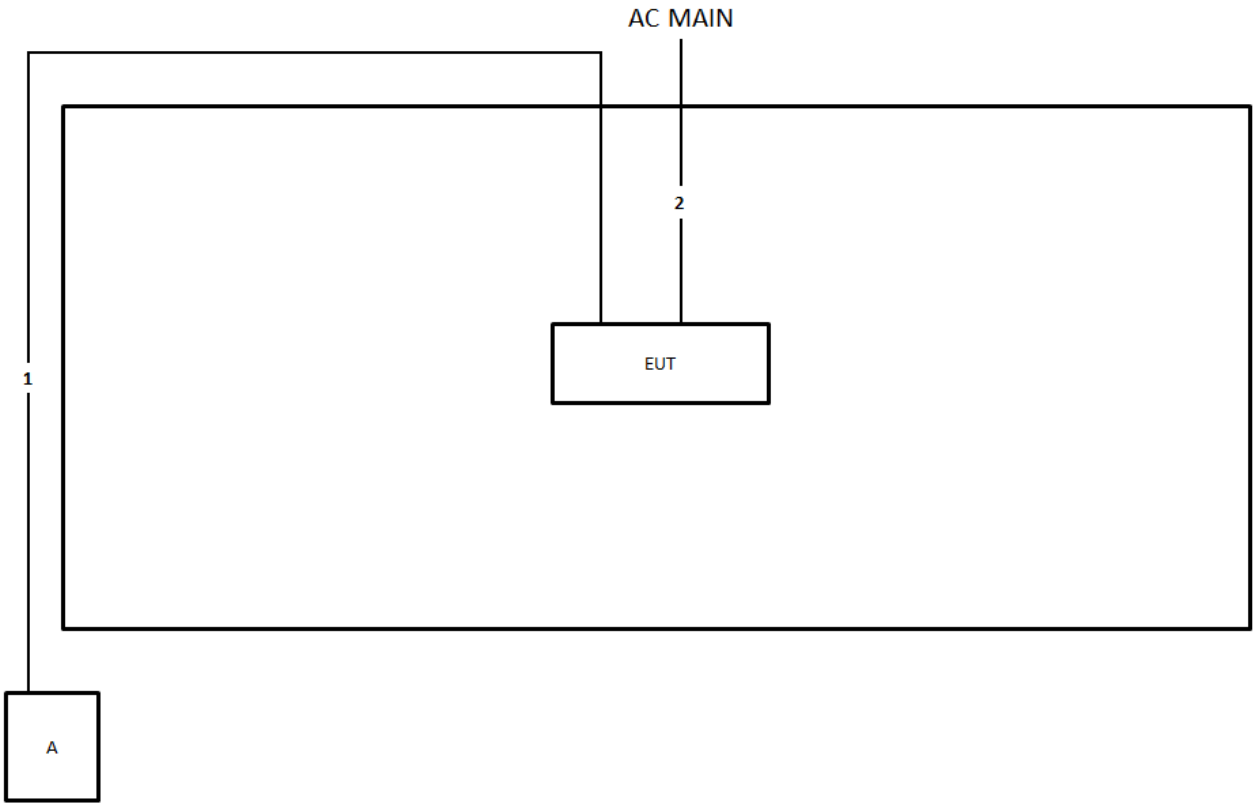
Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	RJ-45 cable*5	No	1.5m
3	RJ-45 cable	Yes	1.5m
4	RJ-45 cable	Yes	10m
5	USB cable	Yes	1.8m
6	USB cable	Yes	1.8m

Test Setup Diagram - Radiated Test < 1GHz



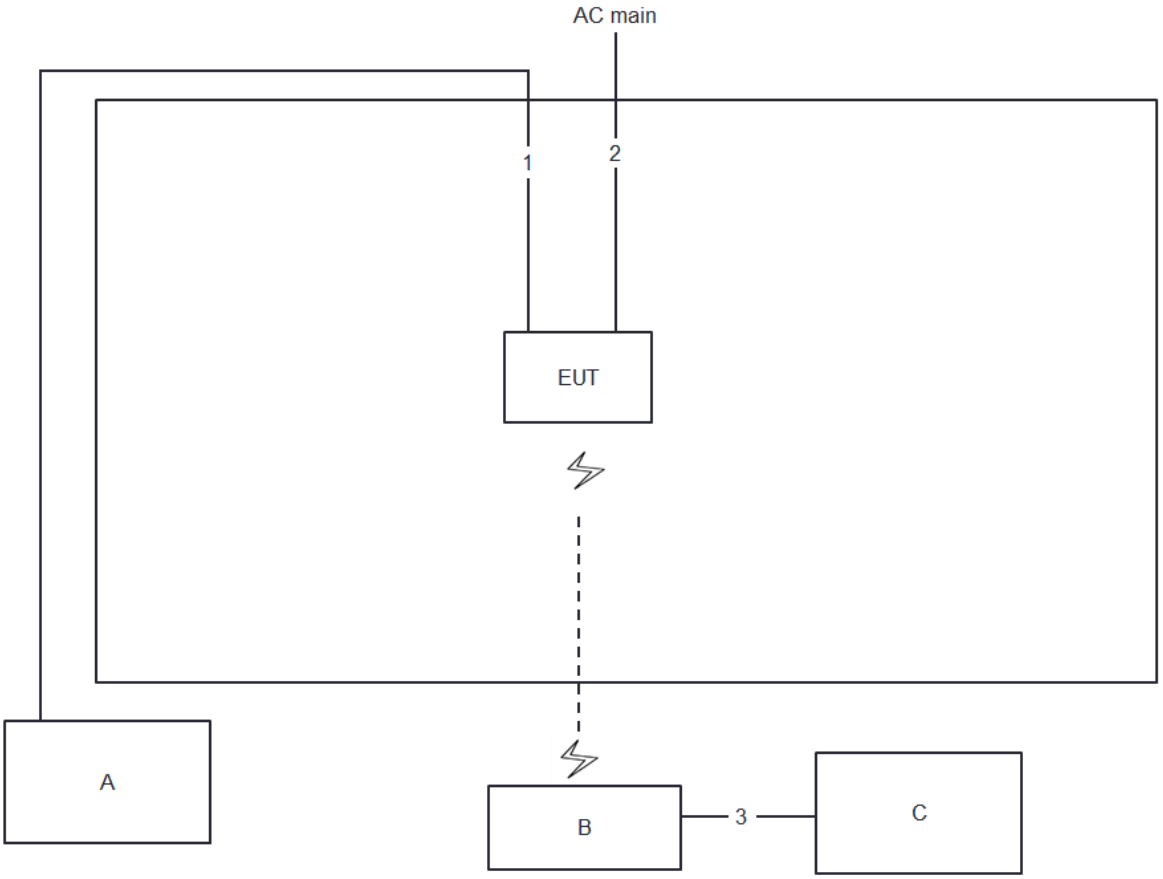
Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	RJ-45 cable	Yes	1.5m
3	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz / non-beamforming mode



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	2.4m

Test Setup Diagram - Radiated Test > 1GHz / beamforming mode



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	2.4m
3	RJ-45 cable	No	1.5m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

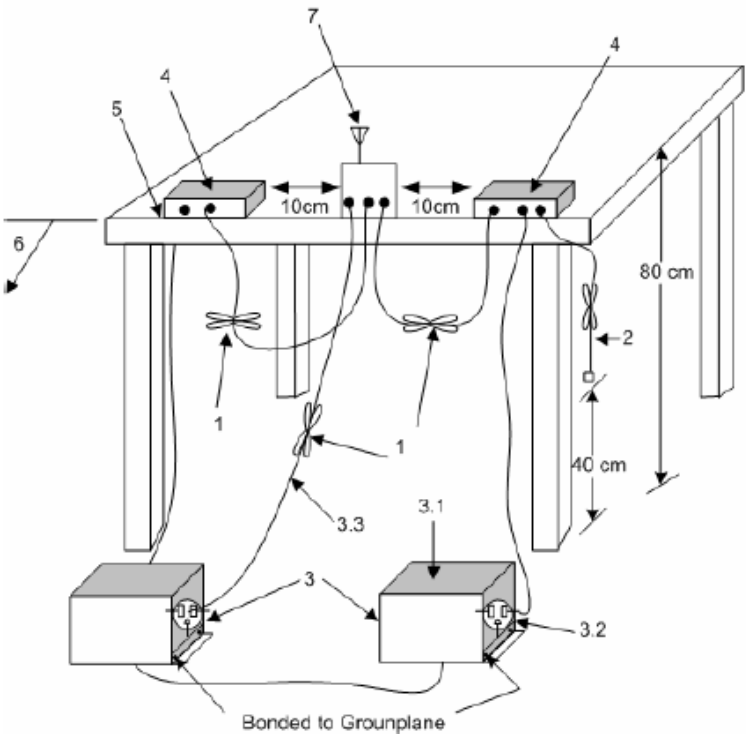
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

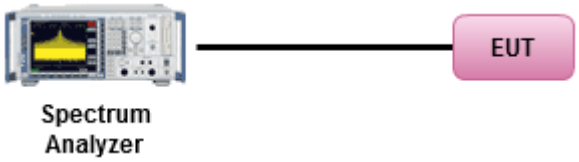
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

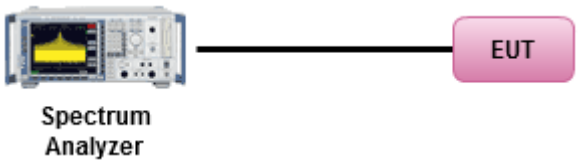
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

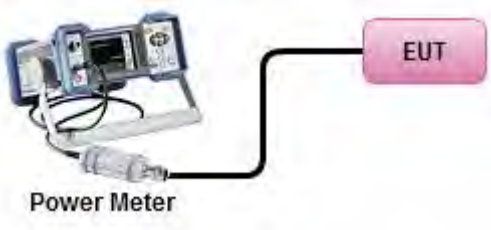
Test Method	
▪ Maximum Conducted Output Power	
	Average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over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

3.3.4 Test Setup

For straddle channel

RF Output Power (Spectrum Analyzer)


For other channel

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.	

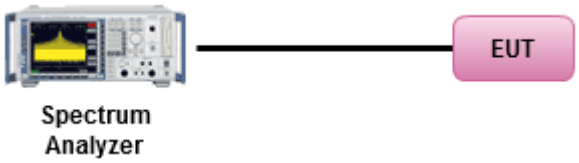
3.4.2 Measuring Instruments

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
 Spectrum Analyzer

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

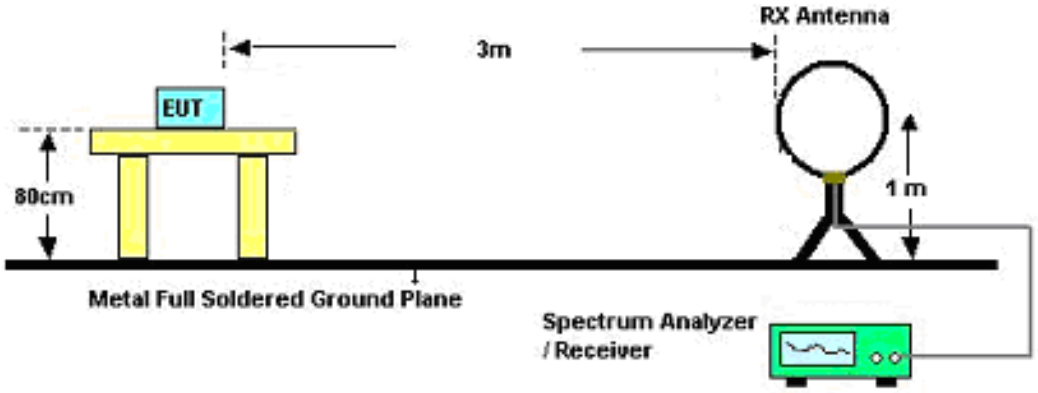
Test Method		
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies 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.

Test Method	
▪ For radiated measurement.	
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
▪ The any unwanted emissions level shall not exceed the fundamental emission level.	
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

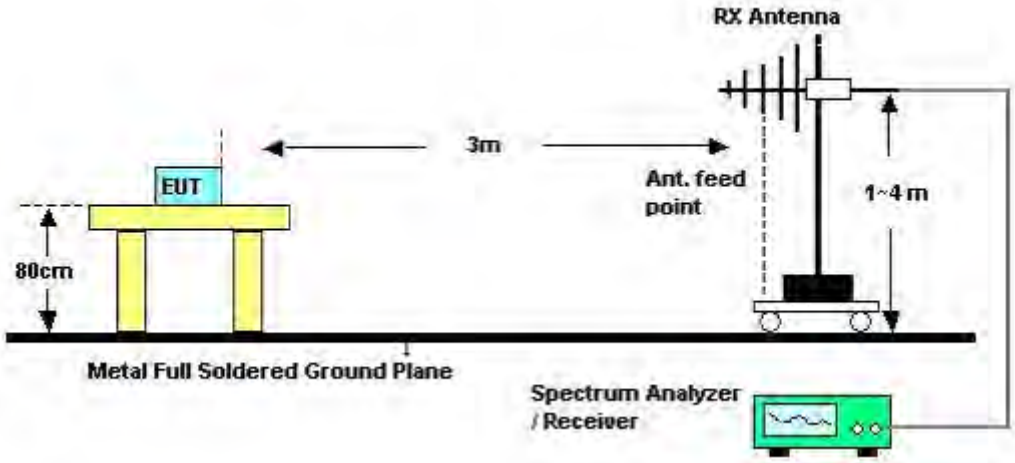
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

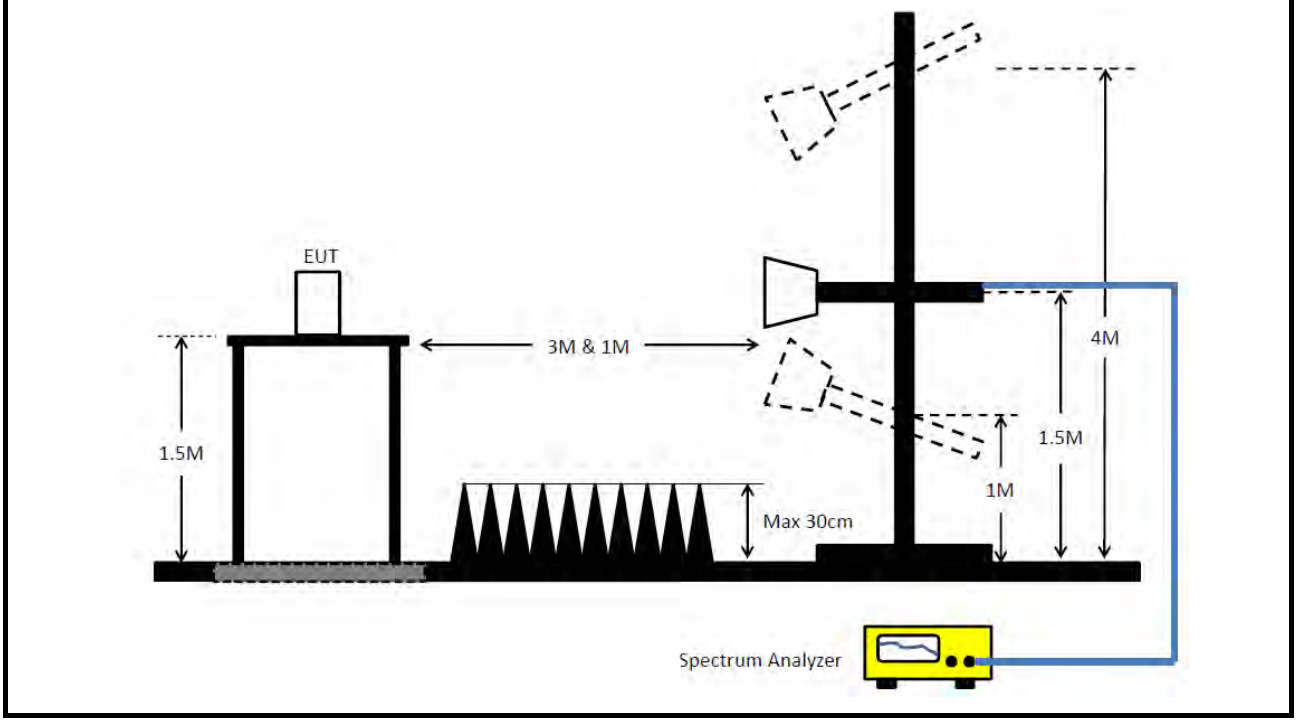
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 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
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Feb. 26, 2020	Feb. 25, 2021	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 25, 2019	Dec. 24, 2020	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Feb. 25, 2020	Feb. 24, 2021	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 31, 2020	Jan. 30, 2021	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 20, 2020	May 19, 2021	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 27, 2020	Mar. 26, 2021	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 28, 2020	Apr. 27, 2021	Radiation (03CH05-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	May 12, 2020	May 11, 2021	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Aug. 03, 2019	Aug. 02, 2020	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Aug. 02, 2020	Aug. 01, 2021	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 21, 2020	May 20, 2021	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Oct. 21, 2019	Oct. 20, 2020	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH06-CB)
RF Cable-low	HUBER+SUHNER	RG402	Low Cable-05+24	30MHz~1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)

Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Horn Antenna	ETS・Lindgren	3115	00143147	750MHz~18GHz	Oct. 22, 2019	Oct. 21, 2020	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 11, 2020	Jun. 10, 2021	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Mar. 11, 2020	Mar. 10, 2021	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jul. 14, 2020	Jul. 13, 2021	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH04-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 19, 2020	Jun. 18, 2021	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Dec. 18, 2019	Dec. 17, 2020	Radiation (03CH04-CB
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Feb. 01, 2020	Jan. 31, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Jul. 07, 2020	Jul. 06, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+22	1GHz - 18GHz	Feb. 01, 2020	Jan. 31, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	May 12, 2020	May 11, 2021	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 11, 2019	Sep. 10, 2020	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1531343	300MHz~40GHz	Aug. 04, 2020	Aug. 03, 2021	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 11, 2019	Sep. 10, 2020	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1728001	300MHz~40GHz	Aug. 04, 2020	Aug. 03, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-3	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)

RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

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

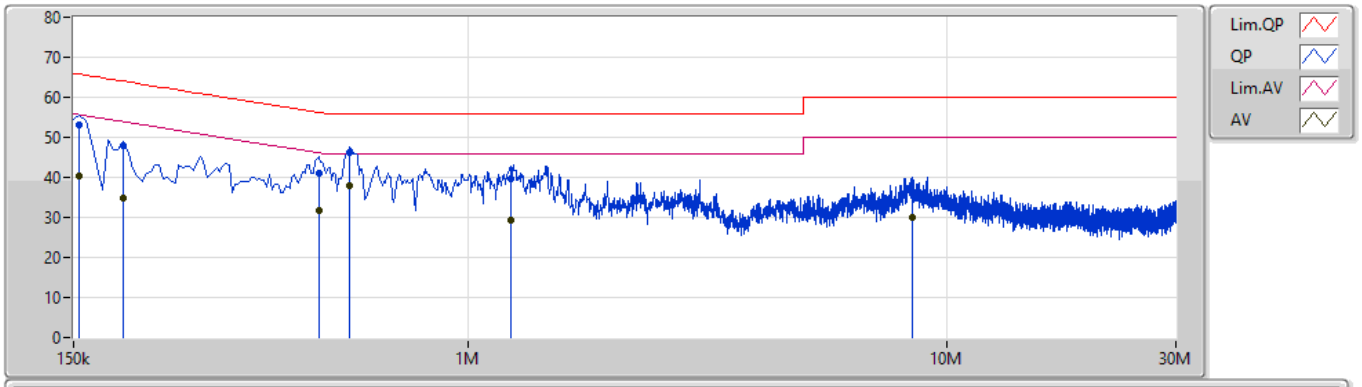
N.C.R. means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	564k	37.78	46.00	-8.22	Line

Mode 1

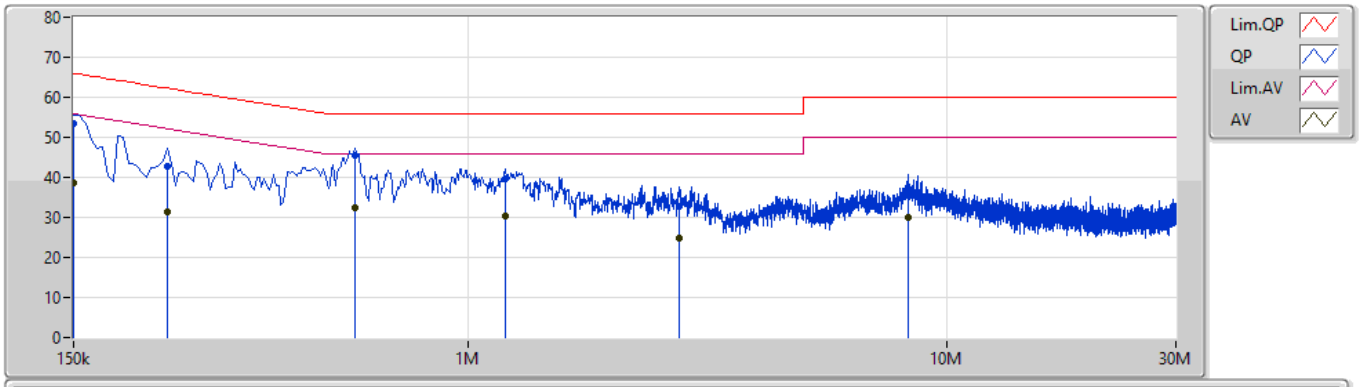
14/10/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.5k	53.22	65.75	-12.53	9.87	Line	-	43.35	0.05	0.03	9.79
AV	154.5k	40.37	55.75	-15.38	9.87	Line	-	30.50	0.05	0.03	9.79
QP	190.5k	47.80	64.01	-16.21	9.86	Line	-	37.94	0.04	0.03	9.79
AV	190.5k	34.97	54.01	-19.04	9.86	Line	-	25.11	0.04	0.03	9.79
QP	487.5k	41.12	56.21	-15.09	9.88	Line	-	31.24	0.04	0.03	9.81
AV	487.5k	31.85	46.21	-14.36	9.88	Line	-	21.97	0.04	0.03	9.81
QP	564k	46.04	56.00	-9.96	9.88	Line	-	36.16	0.04	0.03	9.81
AV	564k	37.78	46.00	-8.22	9.88	Line	"Worst"	27.90	0.04	0.03	9.81
QP	1.226M	39.52	56.00	-16.48	9.92	Line	-	29.60	0.05	0.05	9.82
AV	1.226M	29.32	46.00	-16.68	9.92	Line	-	19.40	0.05	0.05	9.82
QP	8.435M	35.83	60.00	-24.17	10.21	Line	-	25.62	0.16	0.15	9.90
AV	8.435M	29.83	50.00	-20.17	10.21	Line	-	19.62	0.16	0.15	9.90

Mode 1

14/10/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	53.53	66.00	-12.47	9.86	Neutral	-	43.67	0.04	0.03	9.79
AV	150k	38.77	56.00	-17.23	9.86	Neutral	-	28.91	0.04	0.03	9.79
QP	235.5k	42.62	62.25	-19.63	9.86	Neutral	-	32.76	0.04	0.03	9.79
AV	235.5k	31.29	52.25	-20.96	9.86	Neutral	-	21.43	0.04	0.03	9.79
QP	582k	45.53	56.00	-10.47	9.89	Neutral	"Worst"	35.64	0.05	0.03	9.81
AV	582k	32.40	46.00	-13.60	9.89	Neutral	-	22.51	0.05	0.03	9.81
QP	1.199M	39.78	56.00	-16.22	9.93	Neutral	-	29.85	0.06	0.05	9.82
AV	1.199M	30.23	46.00	-15.77	9.93	Neutral	-	20.30	0.06	0.05	9.82
QP	2.76M	32.68	56.00	-23.32	10.00	Neutral	-	22.68	0.08	0.10	9.82
AV	2.76M	24.88	46.00	-21.12	10.00	Neutral	-	14.88	0.08	0.10	9.82
QP	8.273M	35.68	60.00	-24.32	10.20	Neutral	-	25.48	0.15	0.15	9.90
AV	8.273M	29.91	50.00	-20.09	10.20	Neutral	-	19.71	0.15	0.15	9.90

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.12M	16.732M	16M7D1D	20.85M	16.582M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.36M	77.001M	77M0D1D	80.88M	76.882M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.24M	16.702M	16M7D1D	20.85M	16.552M

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

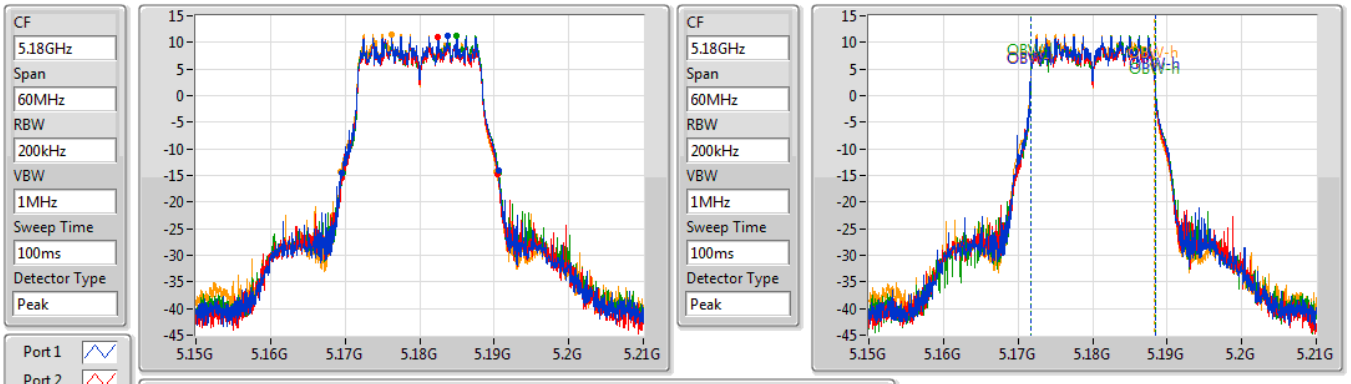
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.97M	16.732M	20.85M	16.672M	20.94M	16.702M	20.91M	16.582M
5200MHz	Pass	Inf	21.12M	16.702M	20.85M	16.672M	20.97M	16.702M	20.94M	16.582M
5500MHz	Pass	Inf	20.97M	16.672M	20.91M	16.702M	21M	16.672M	20.85M	16.582M
5700MHz	Pass	Inf	21.24M	16.702M	21M	16.672M	20.94M	16.672M	20.85M	16.552M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	80.88M	77.001M	81.12M	77.001M	81M	77.001M	81.36M	76.882M

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

29/09/2020

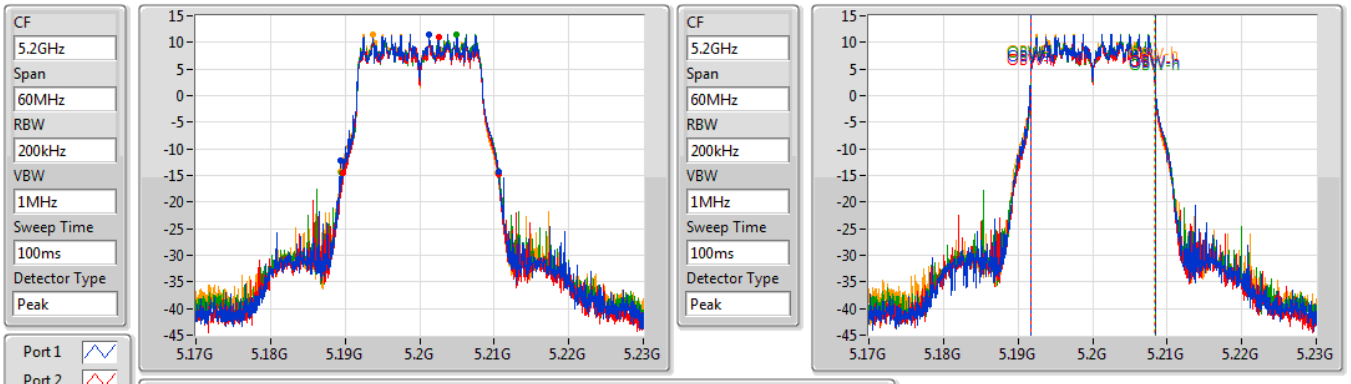


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.97M	5.16956G	5.19053G	16.732M	5.171694G	5.188426G	Inf	1
20.85M	5.16959G	5.19044G	16.672M	5.171724G	5.188396G	Inf	2
20.94M	5.16965G	5.19059G	16.702M	5.171784G	5.188486G	Inf	3
20.91M	5.16944G	5.19035G	16.582M	5.171724G	5.188306G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5200MHz

29/09/2020

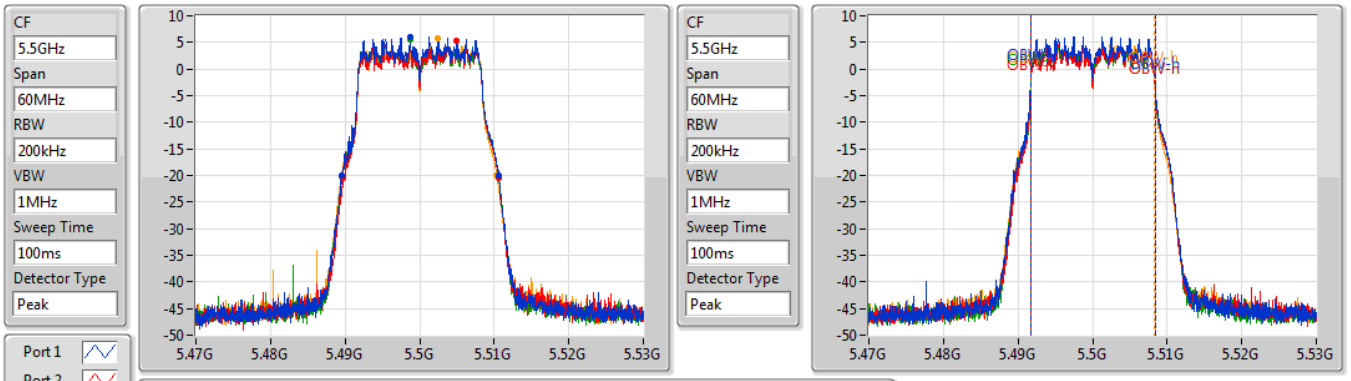


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.12M	5.18941G	5.21053G	16.702M	5.191724G	5.208426G	Inf	1
20.85M	5.18968G	5.21053G	16.672M	5.191724G	5.208396G	Inf	2
20.97M	5.18962G	5.21059G	16.702M	5.191754G	5.208456G	Inf	3
20.94M	5.18944G	5.21038G	16.582M	5.191754G	5.208336G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

29/09/2020

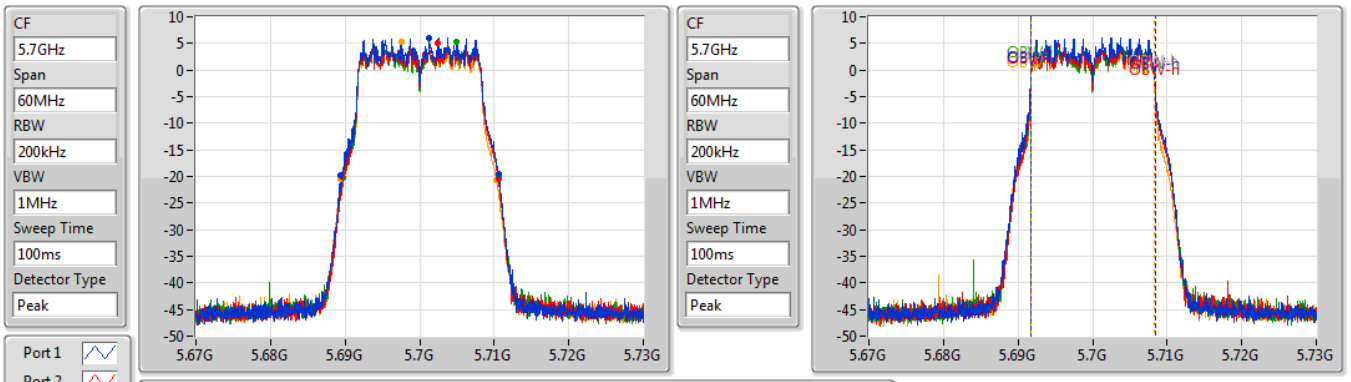


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.97M	5.48962G	5.51059G	16.672M	5.491754G	5.508426G	Inf	1
20.91M	5.48971G	5.51062G	16.702M	5.491754G	5.508456G	Inf	2
21M	5.48959G	5.51059G	16.672M	5.491754G	5.508426G	Inf	3
20.85M	5.4895G	5.51035G	16.582M	5.491754G	5.508336G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

29/09/2020

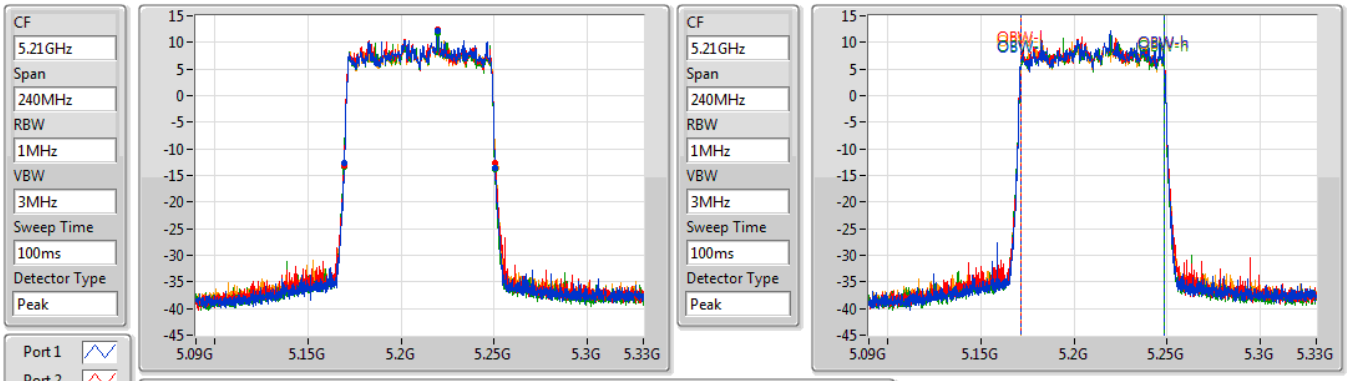


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.24M	5.68932G	5.71056G	16.702M	5.691724G	5.708426G	Inf	1
21M	5.68956G	5.71056G	16.672M	5.691754G	5.708426G	Inf	2
20.94M	5.68965G	5.71059G	16.672M	5.691784G	5.708456G	Inf	3
20.85M	5.68947G	5.71032G	16.552M	5.691754G	5.708306G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5210MHz

29/09/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.88M	5.16956G	5.25044G	77.001M	5.171499G	5.248501G	Inf	1
81.12M	5.16944G	5.25056G	77.001M	5.171499G	5.248501G	Inf	2
81M	5.16932G	5.25032G	77.001M	5.171499G	5.248501G	Inf	3
81.36M	5.16956G	5.25092G	76.882M	5.171619G	5.248501G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW80_Nss4,(MCS0)_4TX	81.84M	77.121M	77M1D1D	81M	76.882M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW80_Nss4,(MCS0)_4TX	76.32M	77.481M	77M5D1D	75.12M	76.882M

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

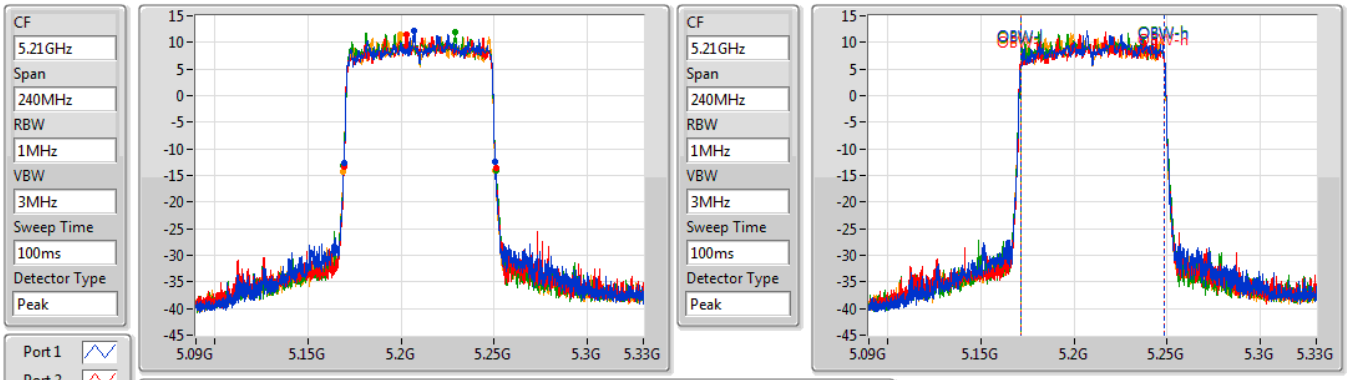
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81M	77.121M	81.36M	77.121M	81.84M	76.882M	81.36M	76.882M
5775MHz	Pass	500k	75.12M	77.481M	75.12M	77.121M	75.24M	77.481M	76.32M	76.882M

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

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

5210MHz

29/07/2020

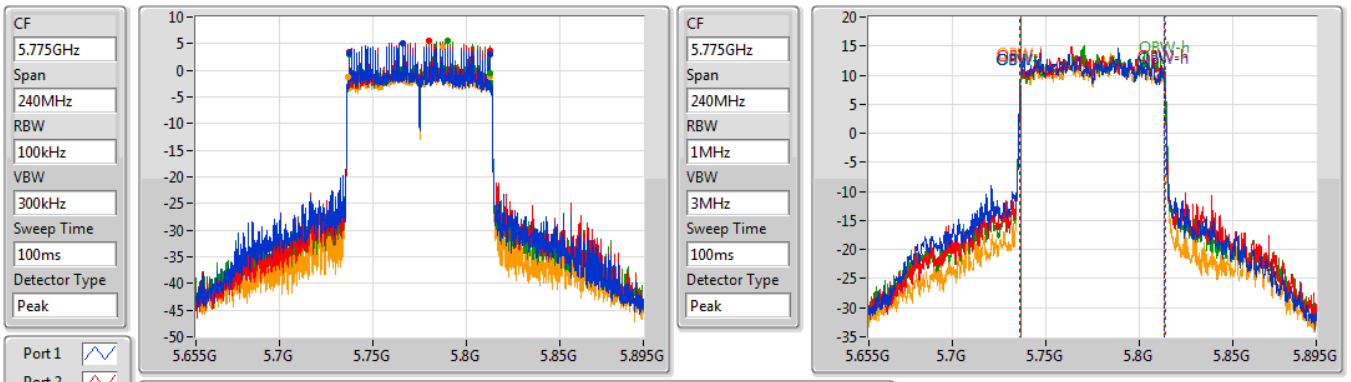


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81M	5.16956G	5.25056G	77.121M	5.171499G	5.248621G	Inf	1
81.36M	5.16944G	5.2508G	77.121M	5.171379G	5.248501G	Inf	2
81.84M	5.1692G	5.25104G	76.882M	5.171619G	5.248501G	Inf	3
81.36M	5.1692G	5.25056G	76.882M	5.171619G	5.248501G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

5775MHz

29/09/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.12M	5.73744G	5.81256G	77.481M	5.736139G	5.813621G	500k	1
75.12M	5.73744G	5.81256G	77.121M	5.736499G	5.813621G	500k	2
75.24M	5.73744G	5.81268G	77.481M	5.736379G	5.813861G	500k	3
76.32M	5.73624G	5.81256G	76.882M	5.736619G	5.813501G	500k	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.56M	19.13M	19M1D1D	21.36M	19.04M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.2M	37.601M	37M6D1D	39.9M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.72M	76.762M	76M8D1D	81.36M	76.642M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	81.72M	77.481M	77M5D1D	81.24M	77.361M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.57M	19.1M	19M1D1D	21.3M	19.01M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.14M	37.541M	37M5D1D	39.84M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.72M	76.762M	76M8D1D	81.24M	76.642M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	83.4M	77.841M	77M8D1D	82.32M	77.721M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.6M	19.07M	19M1D1D	15.698M	14.518M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.2M	37.601M	37M6D1D	34.988M	33.658M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.72M	76.882M	76M9D1D	75.485M	72.969M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165.12M	155.442M	155MD1D	163.92M	155.202M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.96M	19.22M	19M2D1D	4.38M	4.633M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.62M	37.781M	37M8D1D	3.69M	4.048M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	75.48M	77.121M	77M1D1D	3.525M	4.093M

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

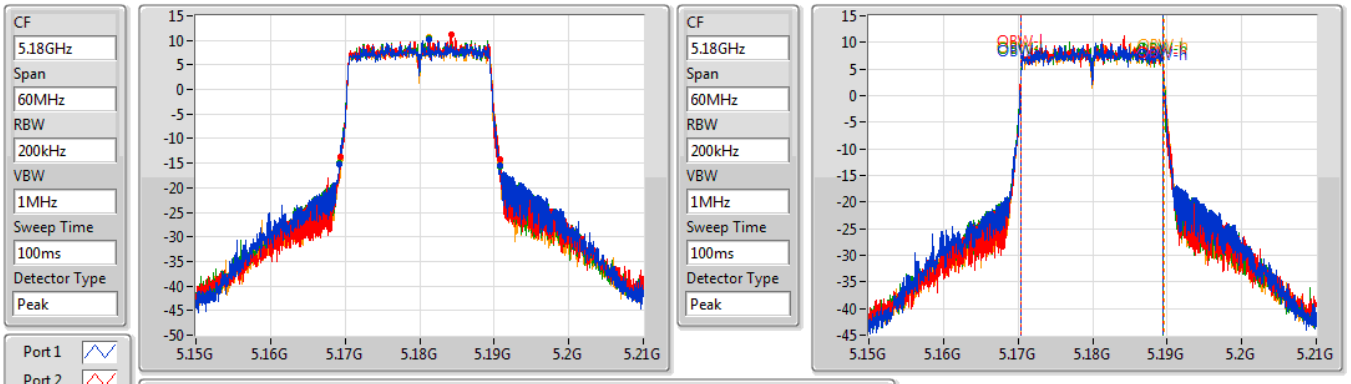
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.6M	19.07M	21.36M	19.04M	21.54M	19.07M	21.45M	19.1M
5200MHz	Pass	Inf	22.56M	19.1M	21.48M	19.07M	21.6M	19.1M	21.54M	19.1M
5240MHz	Pass	Inf	21.6M	19.07M	21.45M	19.07M	21.57M	19.13M	21.57M	19.13M
5260MHz	Pass	Inf	21.57M	19.01M	21.39M	19.04M	21.51M	19.04M	21.51M	19.1M
5300MHz	Pass	Inf	21.48M	19.01M	21.3M	19.04M	21.48M	19.04M	21.51M	19.07M
5320MHz	Pass	Inf	21.51M	19.04M	21.42M	19.04M	21.54M	19.04M	21.54M	19.07M
5500MHz	Pass	Inf	21.51M	19.04M	21.36M	19.04M	21.51M	19.07M	21.6M	19.07M
5580MHz	Pass	Inf	21.57M	19.04M	21.39M	19.04M	21.45M	19.04M	21.54M	19.07M
5700MHz	Pass	Inf	21.51M	19.04M	21.57M	19.04M	21.54M	19.07M	21.51M	19.07M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.82M	14.553M	15.698M	14.518M	15.803M	14.535M	15.698M	14.535M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.425M	4.633M	4.425M	4.663M	4.38M	4.678M	4.44M	4.708M
5745MHz	Pass	500k	18.63M	19.22M	18.72M	19.1M	18.84M	19.13M	18.78M	19.13M
5785MHz	Pass	500k	18.72M	19.1M	18.93M	19.1M	18.87M	19.1M	18.96M	19.13M
5825MHz	Pass	500k	18.87M	19.1M	18.6M	19.16M	18.84M	19.19M	18.87M	19.19M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.2M	37.541M	39.9M	37.541M	39.96M	37.541M	40.08M	37.541M
5230MHz	Pass	Inf	40.14M	37.601M	40.08M	37.601M	39.9M	37.601M	40.14M	37.601M
5270MHz	Pass	Inf	40.14M	37.541M	39.84M	37.481M	39.9M	37.541M	39.96M	37.541M
5310MHz	Pass	Inf	40.02M	37.481M	39.84M	37.541M	40.02M	37.541M	40.08M	37.541M
5510MHz	Pass	Inf	40.14M	37.541M	39.9M	37.601M	39.78M	37.541M	40.08M	37.481M
5550MHz	Pass	Inf	40.08M	37.481M	39.84M	37.541M	39.96M	37.541M	40.02M	37.601M
5670MHz	Pass	Inf	40.2M	37.541M	39.9M	37.541M	39.78M	37.541M	40.14M	37.541M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.1M	33.696M	34.988M	33.658M	34.988M	33.696M	35.138M	33.771M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.765M	4.063M	3.705M	4.048M	3.765M	4.063M	3.69M	4.048M
5755MHz	Pass	500k	36.66M	37.781M	36.84M	37.661M	36.96M	37.661M	35.82M	37.601M
5795MHz	Pass	500k	37.62M	37.601M	36.84M	37.661M	37.38M	37.661M	37.5M	37.721M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.48M	76.762M	81.36M	76.762M	81.36M	76.642M	81.72M	76.762M
5290MHz	Pass	Inf	81.36M	76.762M	81.24M	76.642M	81.48M	76.762M	81.72M	76.762M
5530MHz	Pass	Inf	81.36M	76.762M	81.12M	76.762M	81.48M	76.762M	81.72M	76.762M
5610MHz	Pass	Inf	81.48M	76.882M	81.24M	76.762M	81.48M	76.882M	81.72M	76.762M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.485M	72.969M	75.718M	72.969M	75.95M	73.046M	76.028M	72.969M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.75M	4.108M	3.525M	4.093M	3.72M	4.108M	3.525M	4.123M
5775MHz	Pass	500k	75.48M	77.121M	75.36M	76.882M	75.24M	77.001M	75.36M	76.882M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.72M	77.361M	81.48M	77.361M	81.48M	77.361M	81.24M	77.481M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.04M	77.721M	83.4M	77.721M	82.32M	77.721M	82.44M	77.841M
5570MHz	Pass	Inf	165.12M	155.442M	164.64M	155.202M	163.92M	155.442M	164.4M	155.202M

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5180MHz

27/07/2020

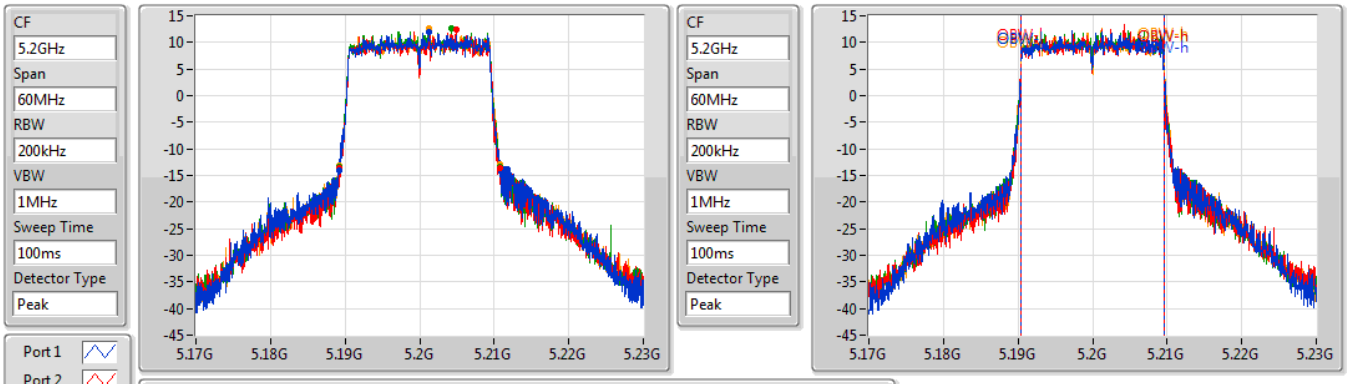


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.1692G	5.1908G	19.07M	5.170435G	5.189505G	Inf	1
21.36M	5.16938G	5.19074G	19.04M	5.170465G	5.189505G	Inf	2
21.54M	5.1692G	5.19074G	19.07M	5.170435G	5.189505G	Inf	3
21.45M	5.16935G	5.1908G	19.1M	5.170465G	5.189565G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5200MHz

27/07/2020

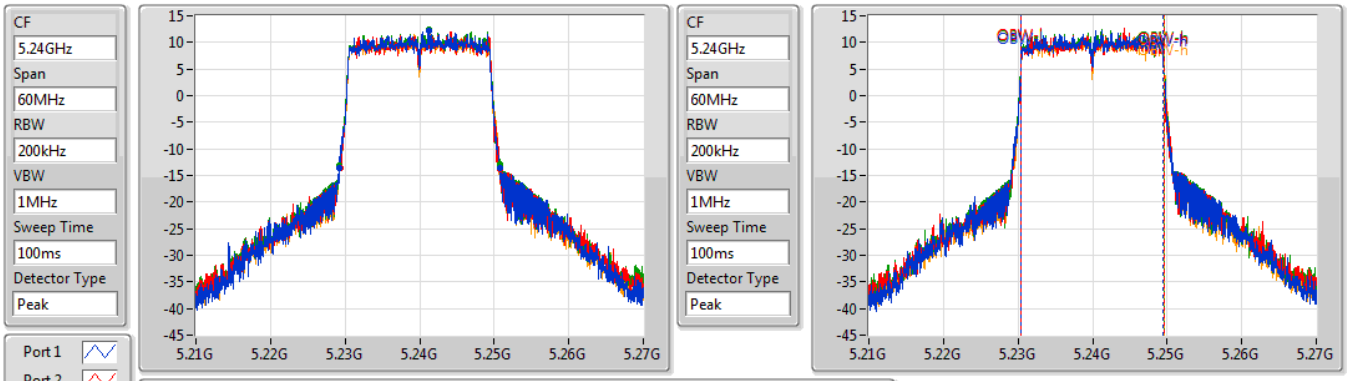


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.56M	5.1892G	5.21176G	19.1M	5.190435G	5.209535G	Inf	1
21.48M	5.18926G	5.21074G	19.07M	5.190465G	5.209535G	Inf	2
21.6M	5.18917G	5.21077G	19.1M	5.190435G	5.209535G	Inf	3
21.54M	5.18926G	5.2108G	19.1M	5.190435G	5.209535G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5240MHz

27/07/2020

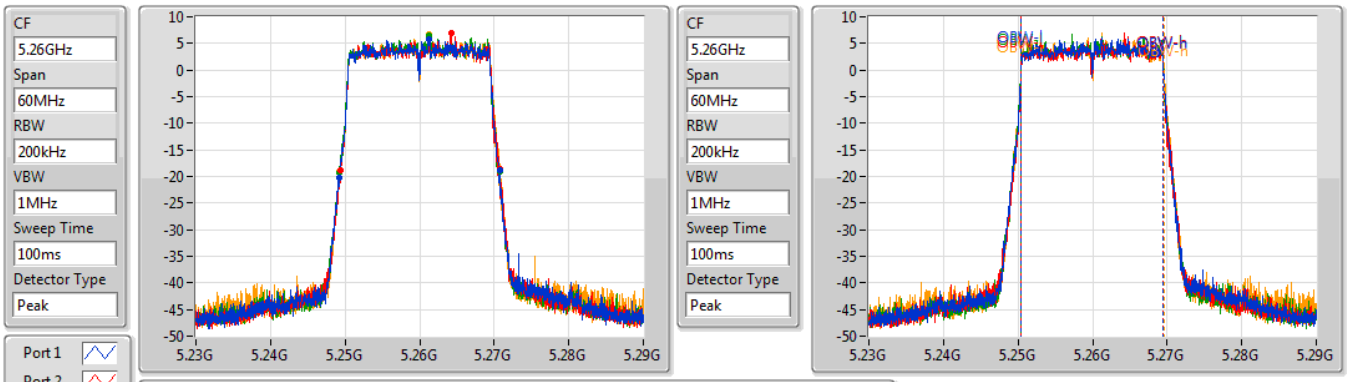


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.2292G	5.2508G	19.07M	5.230435G	5.249505G	Inf	1
21.45M	5.22932G	5.25077G	19.07M	5.230465G	5.249535G	Inf	2
21.57M	5.2292G	5.25077G	19.13M	5.230435G	5.249565G	Inf	3
21.57M	5.22926G	5.25083G	19.13M	5.230465G	5.249595G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5260MHz

27/07/2020

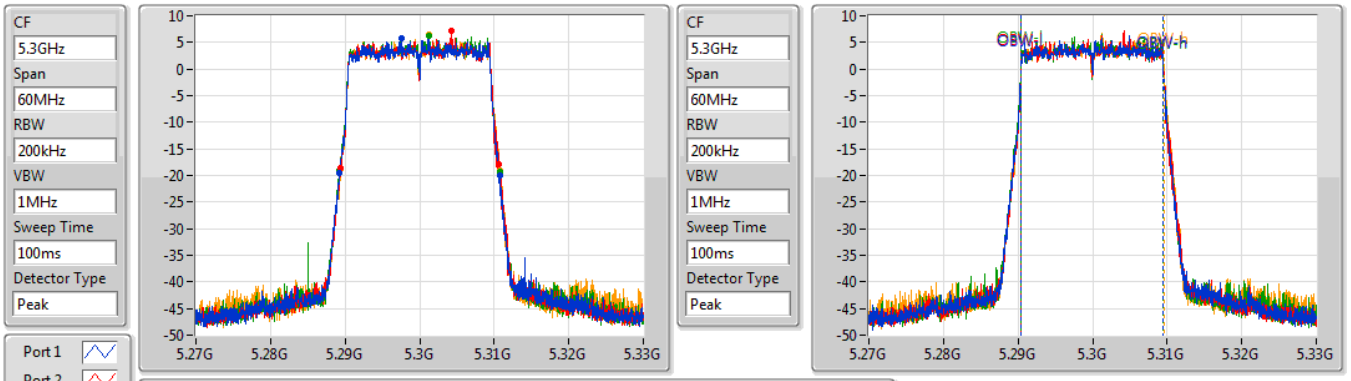


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.2492G	5.27077G	19.01M	5.250465G	5.269475G	Inf	1
21.39M	5.24935G	5.27074G	19.04M	5.250465G	5.269505G	Inf	2
21.51M	5.24923G	5.27074G	19.04M	5.250465G	5.269505G	Inf	3
21.51M	5.24929G	5.2708G	19.1M	5.250435G	5.269535G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5300MHz

27/07/2020

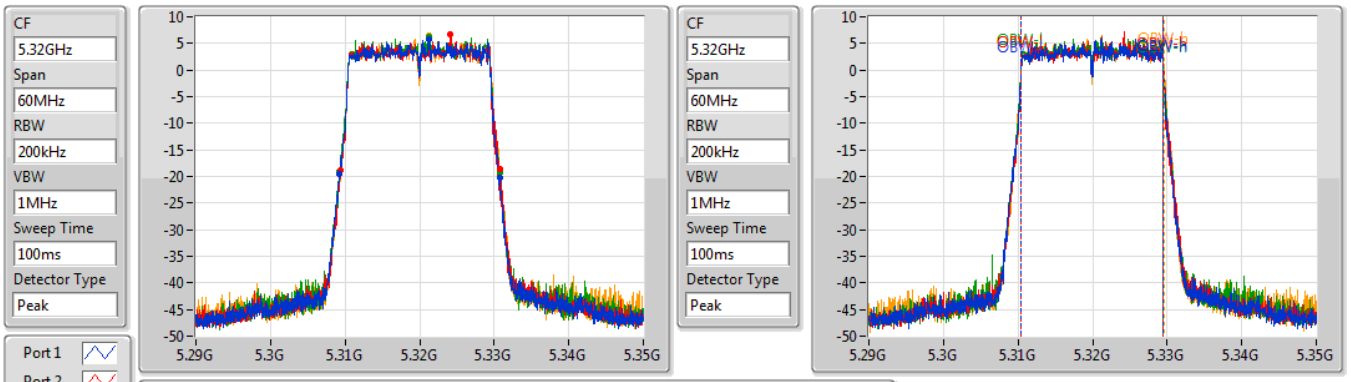


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.28923G	5.31071G	19.01M	5.290465G	5.309475G	Inf	1
21.3M	5.28938G	5.31068G	19.04M	5.290465G	5.309505G	Inf	2
21.48M	5.28926G	5.31074G	19.04M	5.290465G	5.309505G	Inf	3
21.51M	5.28932G	5.31083G	19.07M	5.290465G	5.309535G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5320MHz

27/07/2020

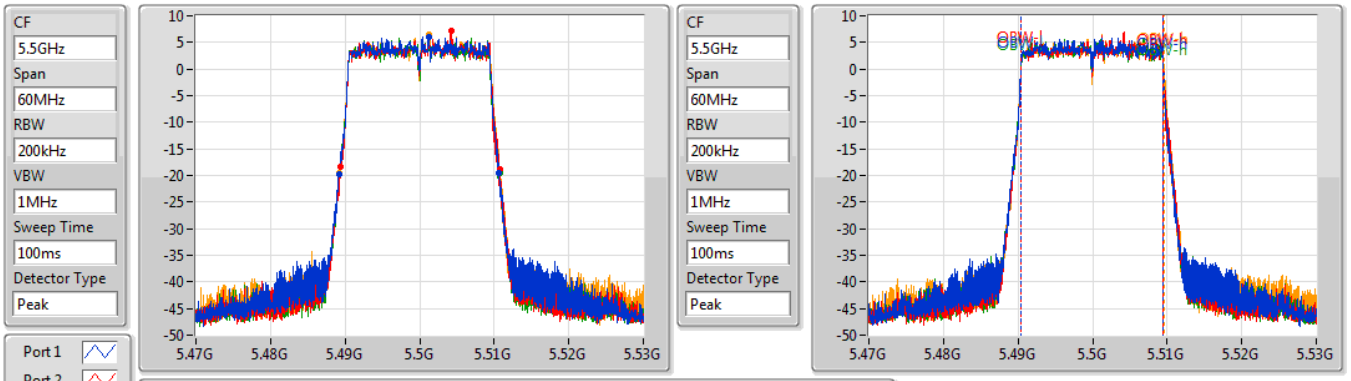


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.30923G	5.33074G	19.04M	5.310435G	5.329475G	Inf	1
21.42M	5.30932G	5.33074G	19.04M	5.310465G	5.329505G	Inf	2
21.54M	5.3092G	5.33074G	19.04M	5.310465G	5.329505G	Inf	3
21.54M	5.30929G	5.33083G	19.07M	5.310465G	5.329535G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5500MHz

27/07/2020

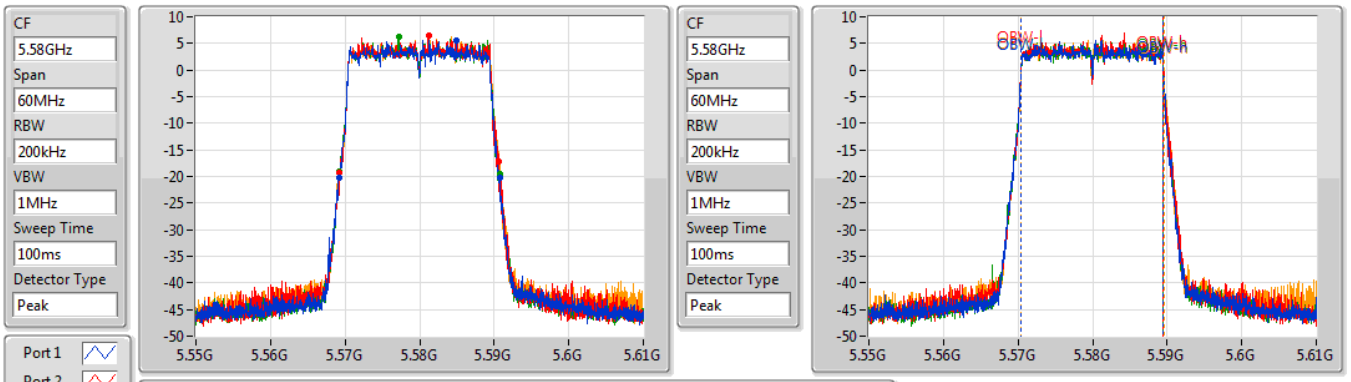


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.48917G	5.51068G	19.04M	5.490435G	5.509475G	Inf	1
21.36M	5.48938G	5.51074G	19.04M	5.490465G	5.509505G	Inf	2
21.51M	5.4892G	5.51071G	19.07M	5.490435G	5.509505G	Inf	3
21.6M	5.48923G	5.51083G	19.07M	5.490465G	5.509535G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5580MHz

27/07/2020

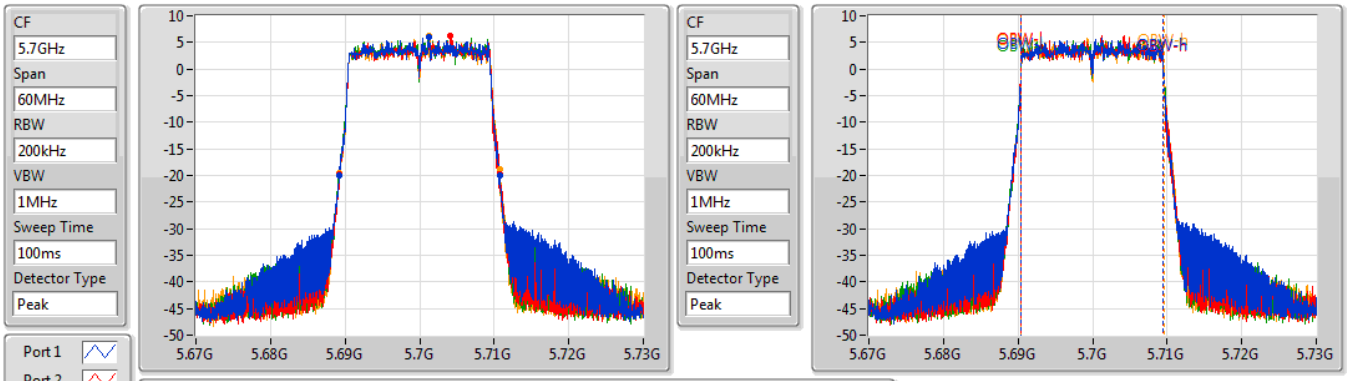


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.56914G	5.59071G	19.04M	5.570435G	5.589475G	Inf	1
21.39M	5.56926G	5.59065G	19.04M	5.570465G	5.589505G	Inf	2
21.45M	5.56929G	5.59074G	19.04M	5.570435G	5.589475G	Inf	3
21.54M	5.56929G	5.59083G	19.07M	5.570465G	5.589535G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5700MHz

27/07/2020

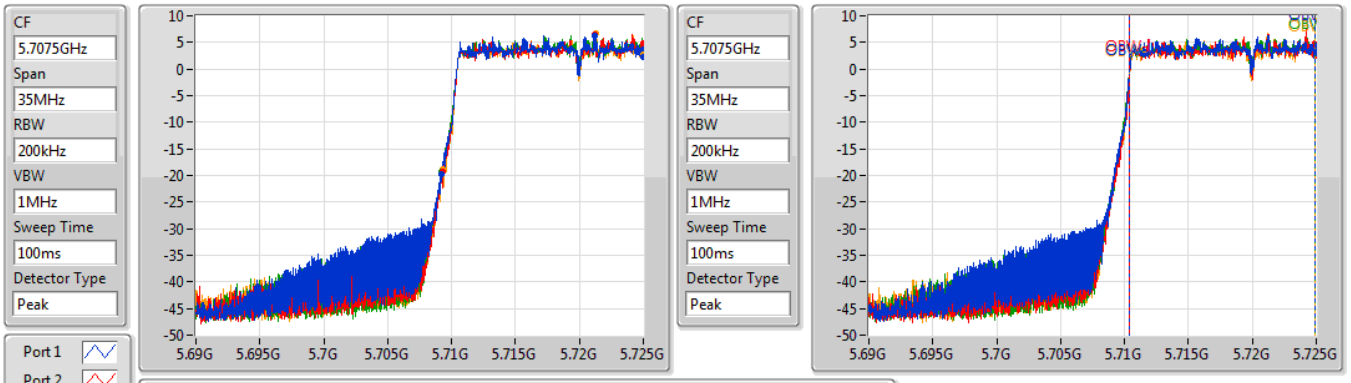


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.6892G	5.71071G	19.04M	5.690435G	5.709475G	Inf	1
21.57M	5.68926G	5.71083G	19.04M	5.690465G	5.709505G	Inf	2
21.54M	5.6892G	5.71074G	19.07M	5.690435G	5.709505G	Inf	3
21.51M	5.68926G	5.71077G	19.07M	5.690465G	5.709535G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

27/07/2020

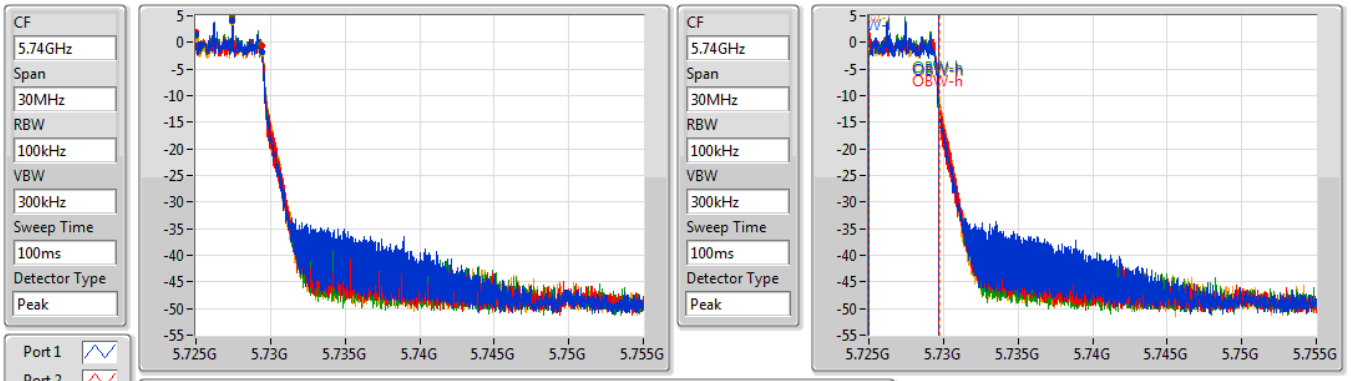


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.82M	5.70918G	5.725G	14.553M	5.710386G	5.724939G	Inf	1
15.698M	5.709303G	5.725G	14.518M	5.710421G	5.724939G	Inf	2
15.803M	5.709198G	5.725G	14.535M	5.710386G	5.724921G	Inf	3
15.698M	5.709303G	5.725G	14.535M	5.710404G	5.724939G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

27/07/2020

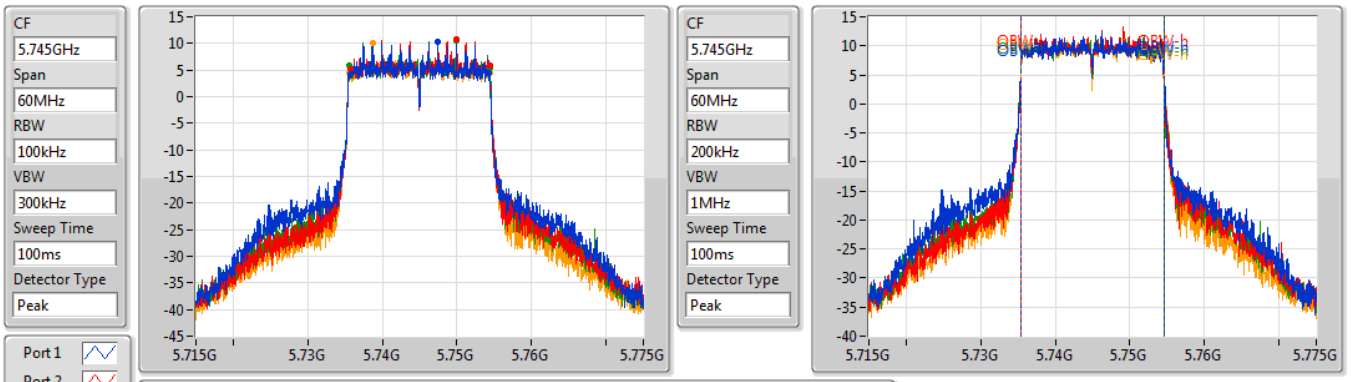


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.425M	5.725G	5.729425G	4.633M	5.725022G	5.729655G	500k	1
4.425M	5.725G	5.729425G	4.663M	5.725007G	5.72967G	500k	2
4.38M	5.725G	5.72938G	4.678M	5.725007G	5.729685G	500k	3
4.44M	5.725G	5.72944G	4.708M	5.725022G	5.72973G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5745MHz

27/07/2020

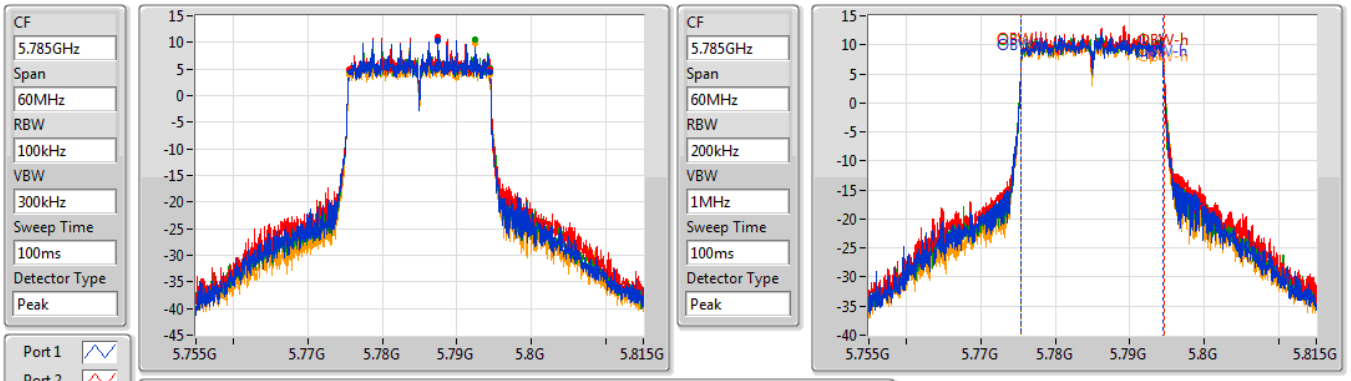


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.63M	5.73567G	5.7543G	19.22M	5.735345G	5.754565G	500k	1
18.72M	5.7357G	5.75442G	19.1M	5.735435G	5.754535G	500k	2
18.84M	5.73555G	5.75439G	19.13M	5.735405G	5.754535G	500k	3
18.78M	5.73564G	5.75442G	19.13M	5.735435G	5.754565G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5785MHz

27/07/2020

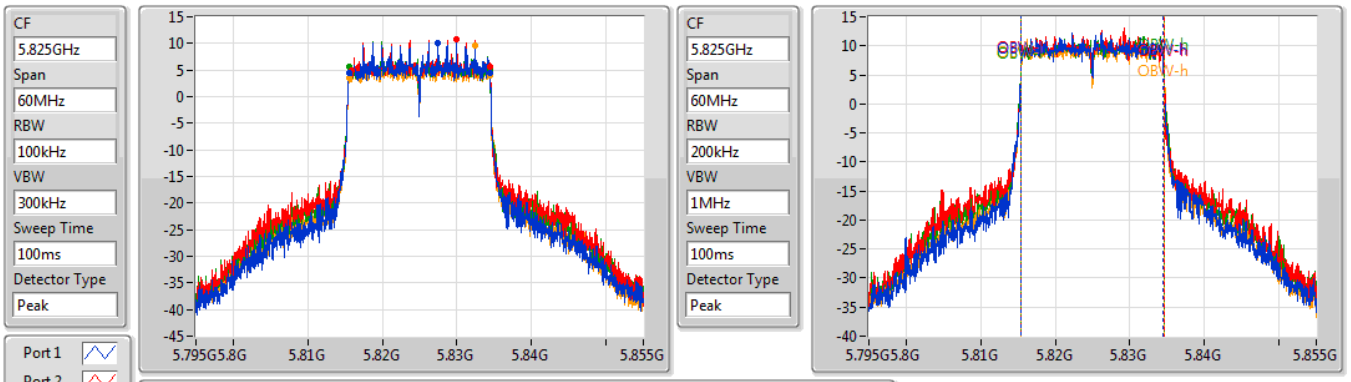


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.72M	5.77567G	5.79439G	19.1M	5.775405G	5.794505G	500k	1
18.93M	5.77549G	5.79442G	19.1M	5.775435G	5.794535G	500k	2
18.87M	5.77555G	5.79442G	19.1M	5.775435G	5.794535G	500k	3
18.96M	5.77549G	5.79445G	19.13M	5.775435G	5.794565G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5825MHz

27/07/2020

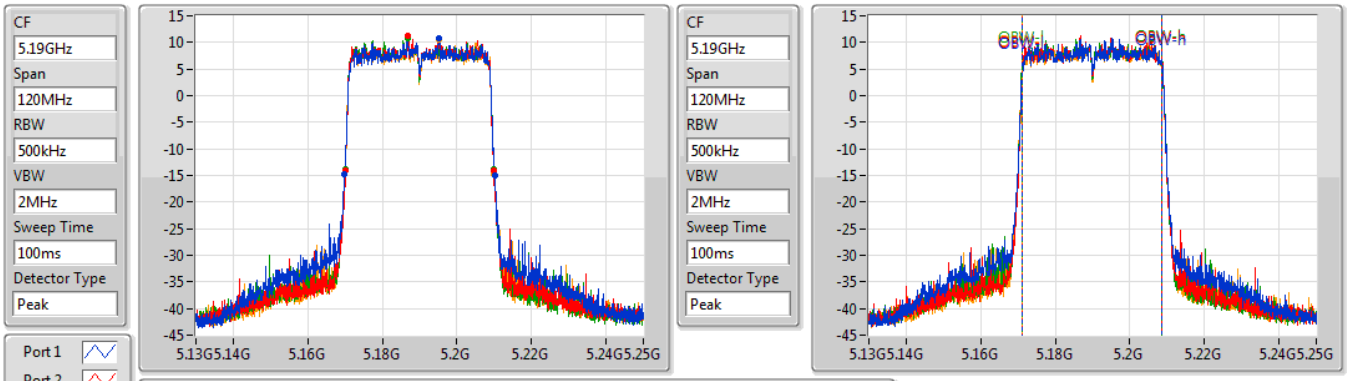


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.87M	5.81552G	5.83439G	19.1M	5.815405G	5.834505G	500k	1
18.6M	5.81582G	5.83442G	19.16M	5.815405G	5.834565G	500k	2
18.84M	5.81555G	5.83439G	19.19M	5.815375G	5.834565G	500k	3
18.87M	5.81555G	5.83442G	19.19M	5.815405G	5.834595G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5190MHz

27/07/2020

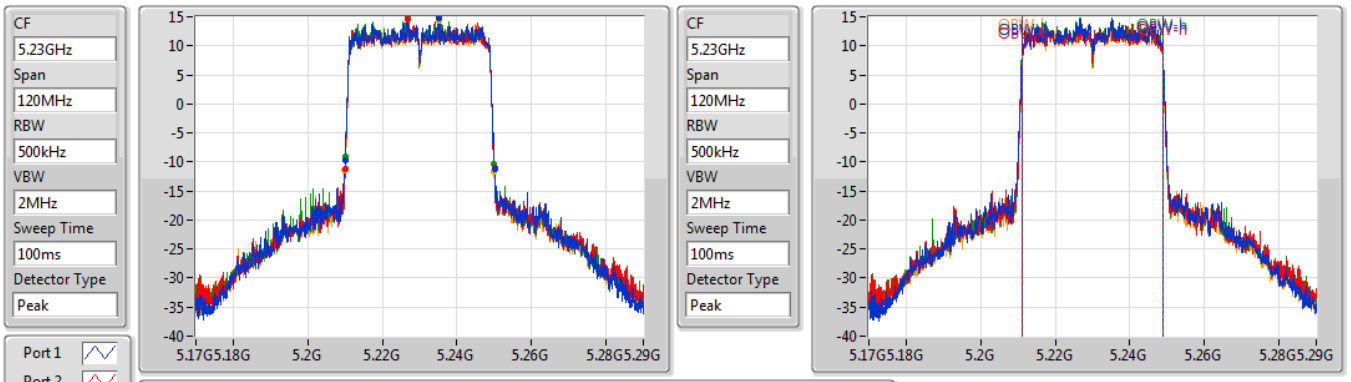


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.1699G	5.2101G	37.541M	5.171169G	5.208711G	Inf	1
39.9M	5.17008G	5.20998G	37.541M	5.171169G	5.208711G	Inf	2
39.96M	5.16996G	5.20992G	37.541M	5.171169G	5.208711G	Inf	3
40.08M	5.1699G	5.20998G	37.541M	5.171169G	5.208711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5230MHz

27/07/2020

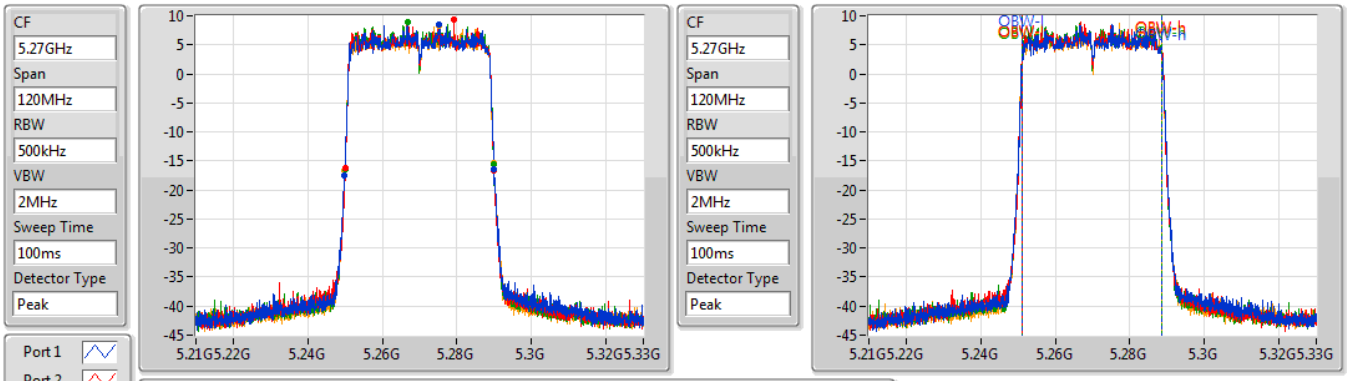


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.20996G	5.2501G	37.601M	5.211169G	5.248771G	Inf	1
40.08M	5.21002G	5.2501G	37.601M	5.211169G	5.248771G	Inf	2
39.9M	5.21008G	5.24998G	37.601M	5.211169G	5.248771G	Inf	3
40.14M	5.20984G	5.24998G	37.601M	5.211169G	5.248771G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5270MHz

27/07/2020

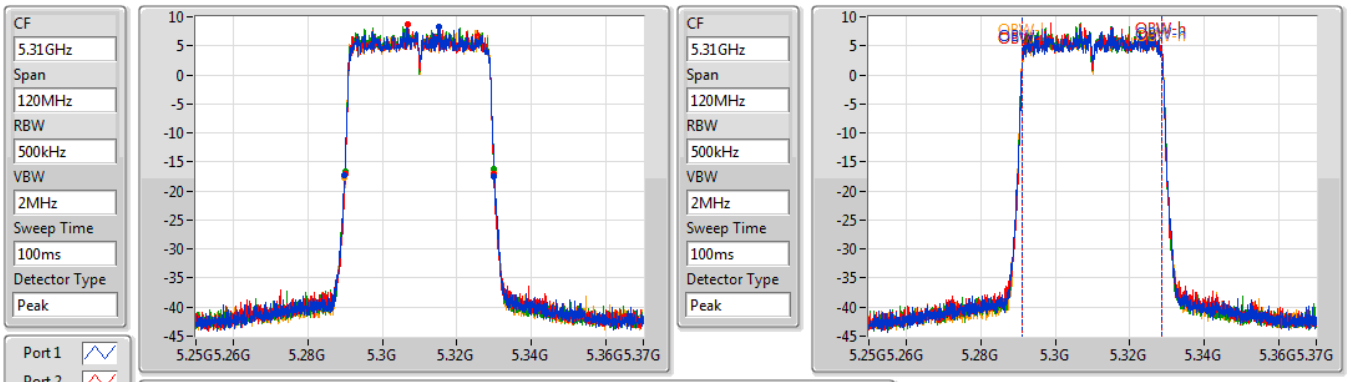


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.24984G	5.28998G	37.541M	5.251169G	5.288711G	Inf	1
39.84M	5.25008G	5.28992G	37.481M	5.251229G	5.288711G	Inf	2
39.9M	5.25002G	5.28992G	37.541M	5.251169G	5.288711G	Inf	3
39.96M	5.2499G	5.28986G	37.541M	5.251169G	5.288711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5310MHz

27/07/2020

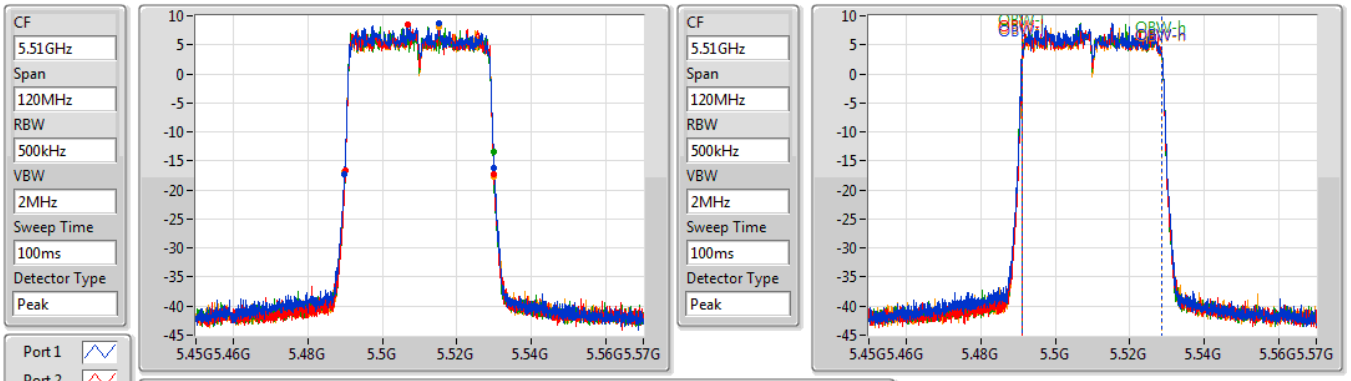


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.2899G	5.32992G	37.481M	5.291229G	5.328711G	Inf	1
39.84M	5.29008G	5.32992G	37.541M	5.291169G	5.328711G	Inf	2
40.02M	5.28996G	5.32998G	37.541M	5.291169G	5.328711G	Inf	3
40.08M	5.28984G	5.32992G	37.541M	5.291169G	5.328711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5510MHz

27/07/2020

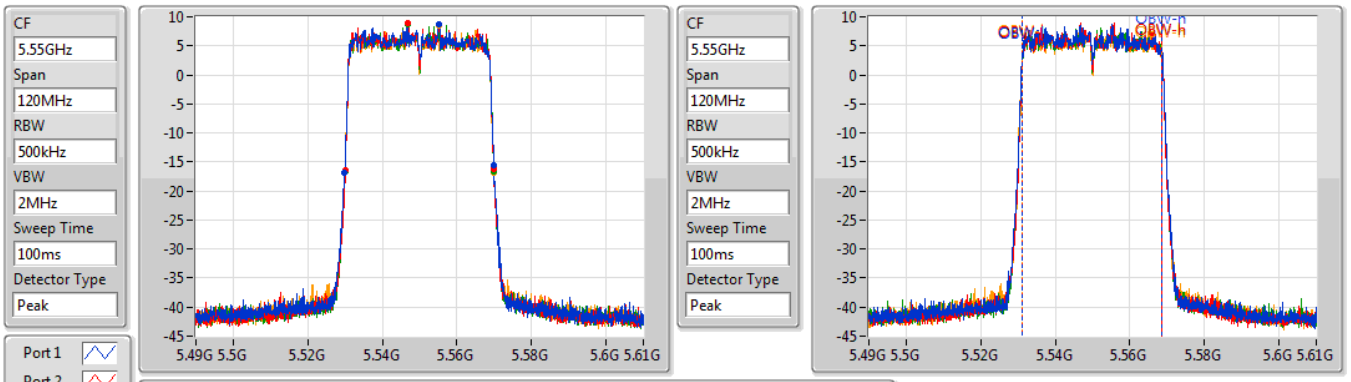


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.48984G	5.52998G	37.541M	5.491169G	5.528711G	Inf	1
39.9M	5.49002G	5.52992G	37.601M	5.491109G	5.528711G	Inf	2
39.78M	5.49002G	5.5298G	37.541M	5.491109G	5.528651G	Inf	3
40.08M	5.4899G	5.52998G	37.481M	5.491169G	5.528651G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5550MHz

27/07/2020

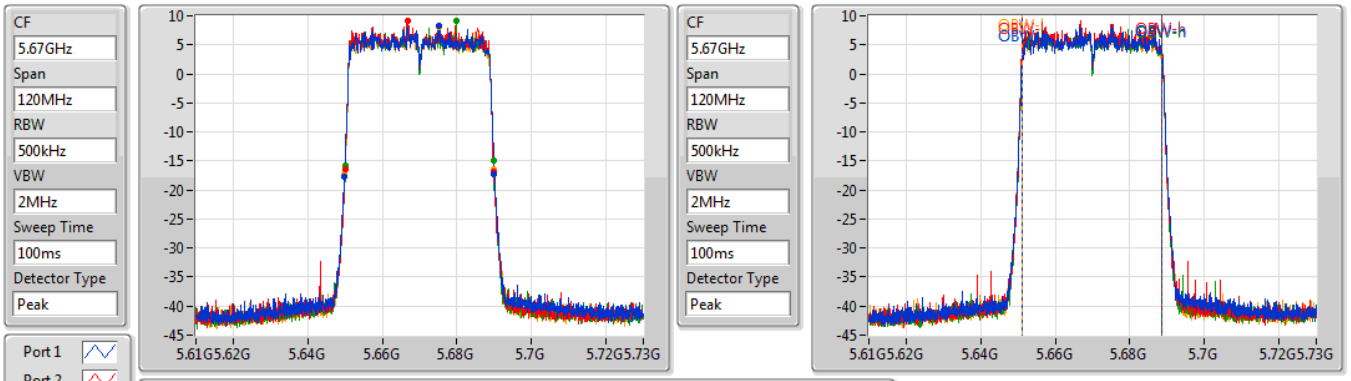


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.52984G	5.56992G	37.481M	5.531169G	5.568651G	Inf	1
39.84M	5.53002G	5.56986G	37.541M	5.531169G	5.568711G	Inf	2
39.96M	5.53002G	5.56998G	37.541M	5.531169G	5.568711G	Inf	3
40.02M	5.5299G	5.56992G	37.601M	5.531109G	5.568711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5670MHz

27/07/2020

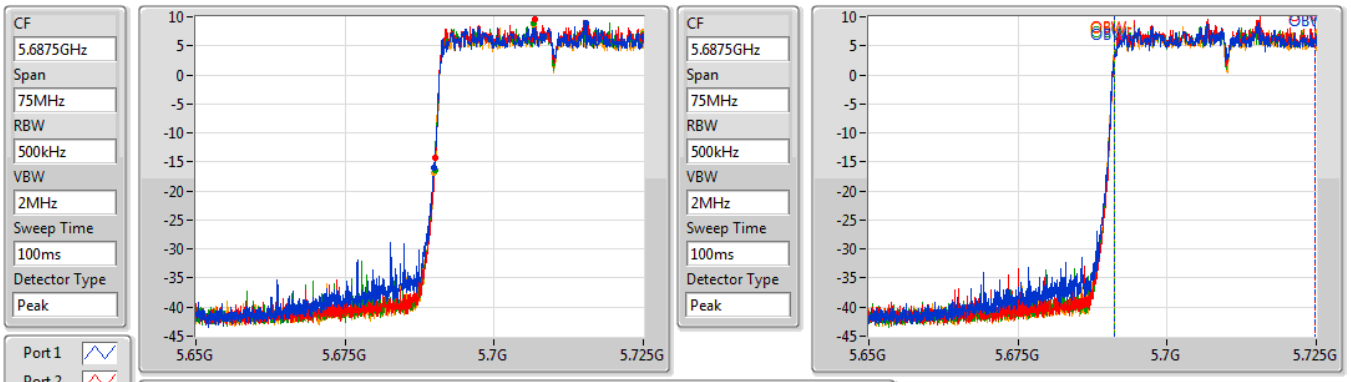


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.64984G	5.69004G	37.541M	5.651169G	5.688711G	Inf	1
39.9M	5.65002G	5.68992G	37.541M	5.651169G	5.688711G	Inf	2
39.78M	5.65008G	5.68986G	37.541M	5.651169G	5.688711G	Inf	3
40.14M	5.64984G	5.68998G	37.541M	5.651109G	5.688651G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

27/07/2020

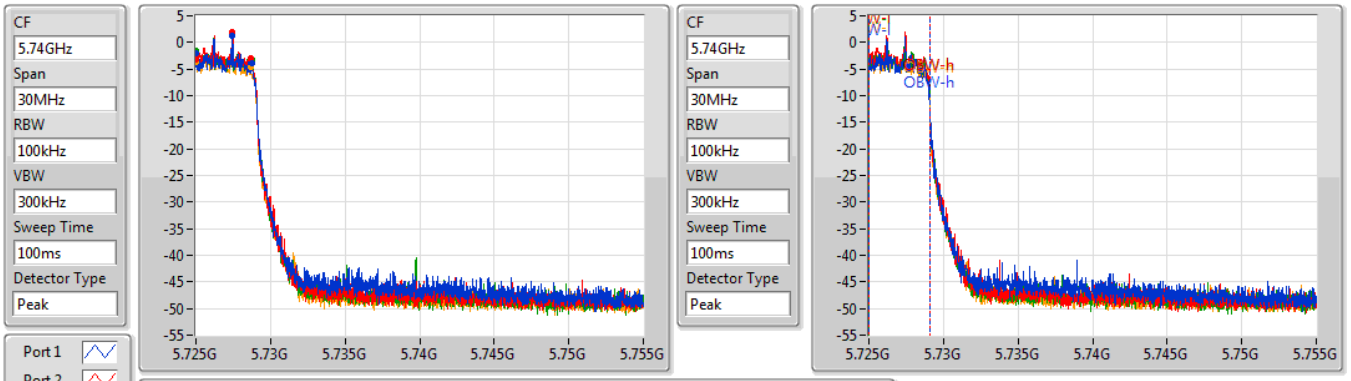


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	5.6899G	5.725G	33.696M	5.691136G	5.724831G	Inf	1
34.988M	5.690013G	5.725G	33.658M	5.691173G	5.724831G	Inf	2
34.988M	5.690013G	5.725G	33.696M	5.691136G	5.724831G	Inf	3
35.138M	5.689863G	5.725G	33.771M	5.691098G	5.724869G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

27/07/2020

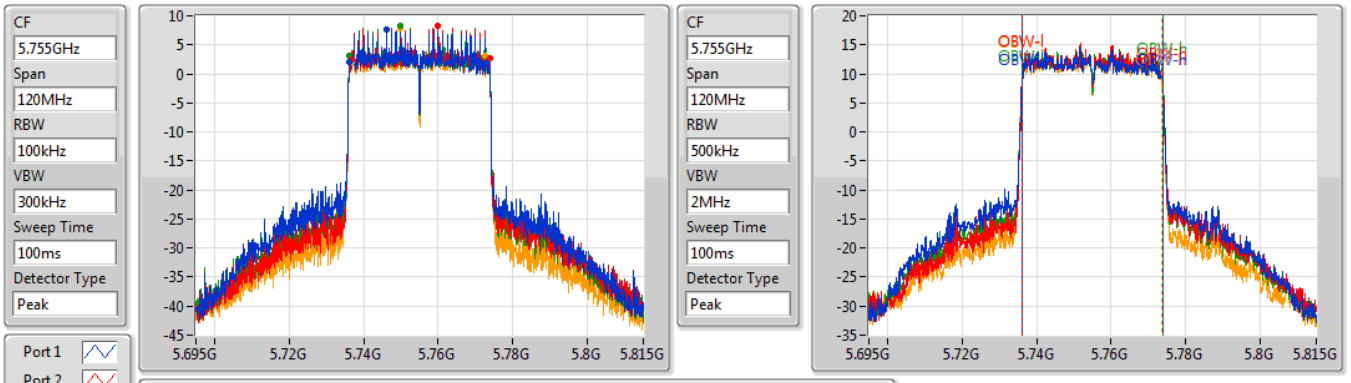


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.765M	5.725G	5.728765G	4.063M	5.725007G	5.72907G	500k	1
3.705M	5.725G	5.728705G	4.048M	5.725007G	5.729055G	500k	2
3.765M	5.725G	5.728765G	4.063M	5.725007G	5.72907G	500k	3
3.69M	5.725G	5.72869G	4.048M	5.725022G	5.72907G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5755MHz

27/07/2020

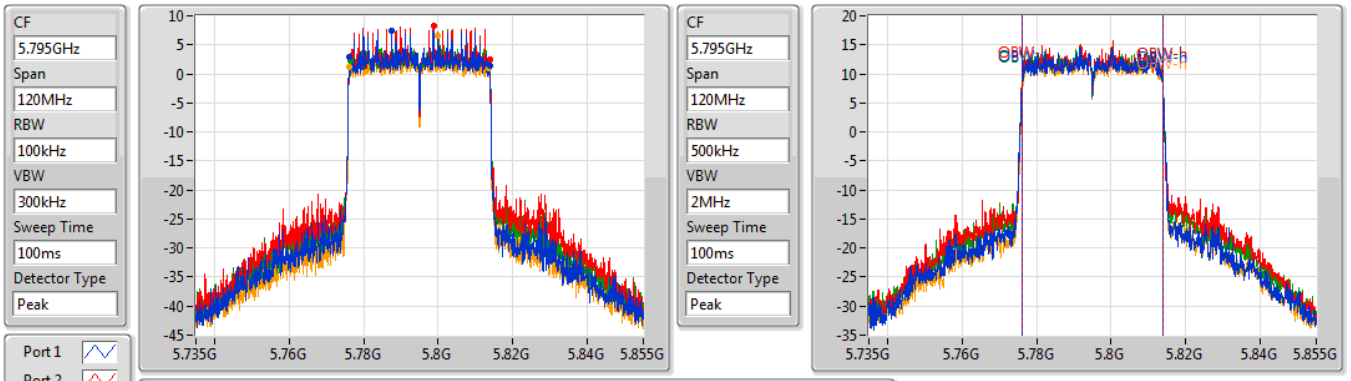


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.66M	5.73628G	5.77294G	37.781M	5.73599G	5.773771G	500k	1
36.84M	5.73688G	5.77372G	37.661M	5.736109G	5.773771G	500k	2
36.96M	5.73622G	5.77318G	37.661M	5.736109G	5.773771G	500k	3
35.82M	5.73664G	5.77246G	37.601M	5.736109G	5.773711G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5795MHz

27/07/2020

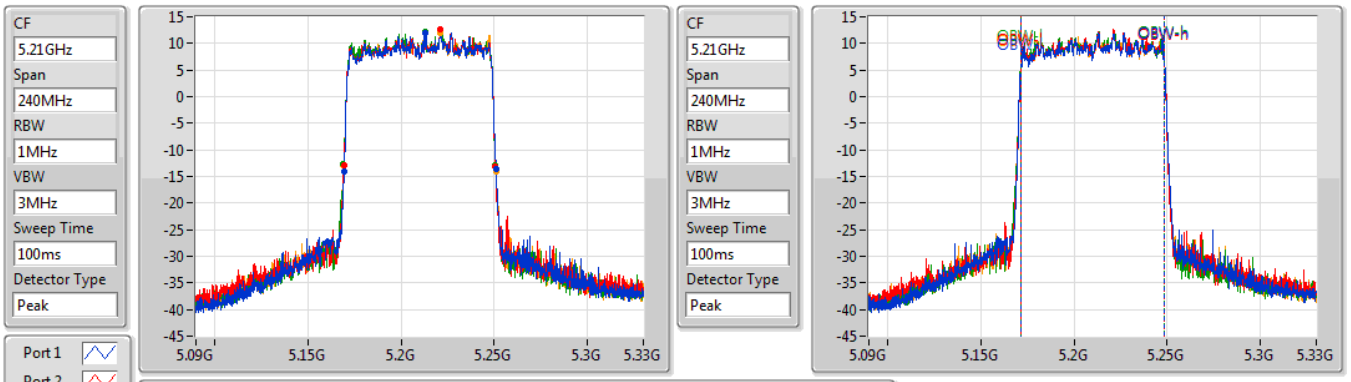


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.62M	5.77616G	5.81378G	37.601M	5.776169G	5.813771G	500k	1
36.84M	5.77688G	5.81372G	37.661M	5.776109G	5.813771G	500k	2
37.38M	5.7764G	5.81378G	37.661M	5.776109G	5.813771G	500k	3
37.5M	5.77616G	5.81366G	37.721M	5.776049G	5.813771G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5210MHz

27/07/2020

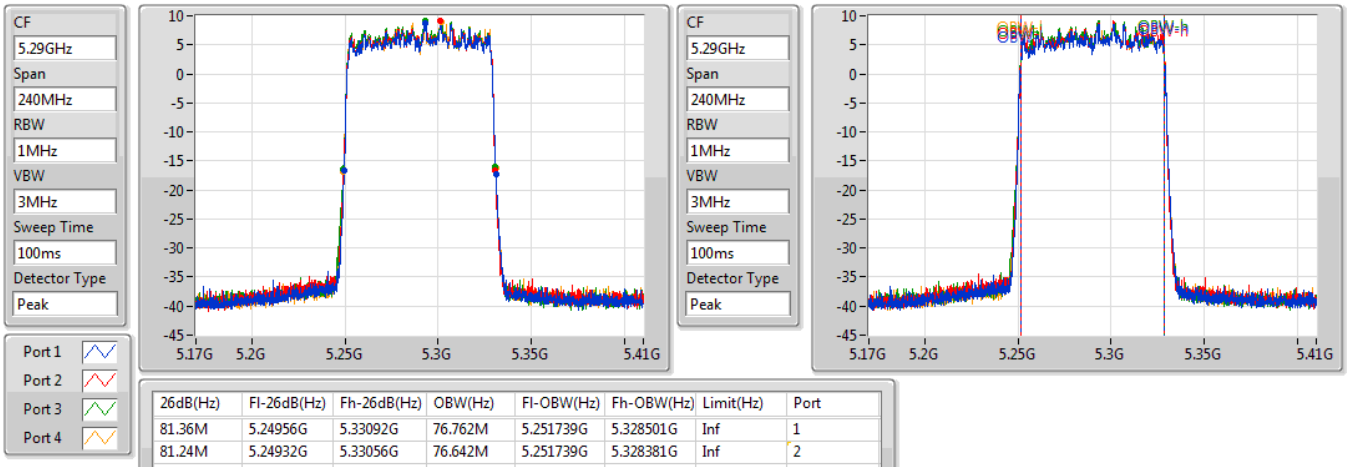


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.16944G	5.25092G	76.762M	5.171739G	5.248501G	Inf	1
81.36M	5.16932G	5.25068G	76.762M	5.171739G	5.248501G	Inf	2
81.36M	5.1692G	5.25056G	76.642M	5.171739G	5.248381G	Inf	3
81.72M	5.1692G	5.25092G	76.762M	5.171739G	5.248501G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5290MHz

27/07/2020

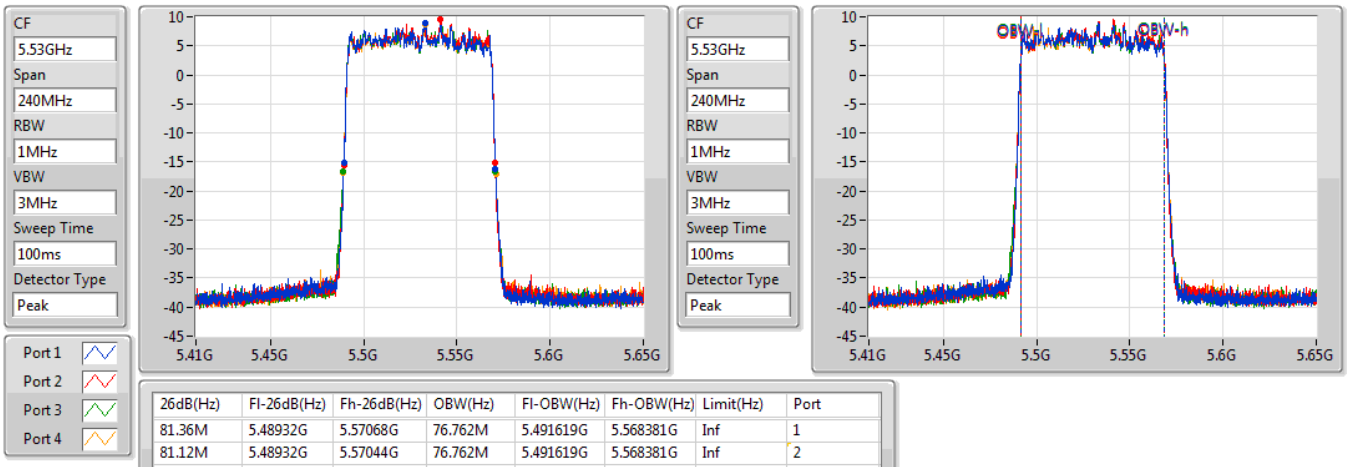


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	5.24956G	5.33092G	76.762M	5.251739G	5.328501G	Inf	1
81.24M	5.24932G	5.33056G	76.642M	5.251739G	5.328381G	Inf	2
81.48M	5.24908G	5.33056G	76.762M	5.251619G	5.328381G	Inf	3
81.72M	5.24908G	5.3308G	76.762M	5.251619G	5.328381G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5530MHz

27/07/2020

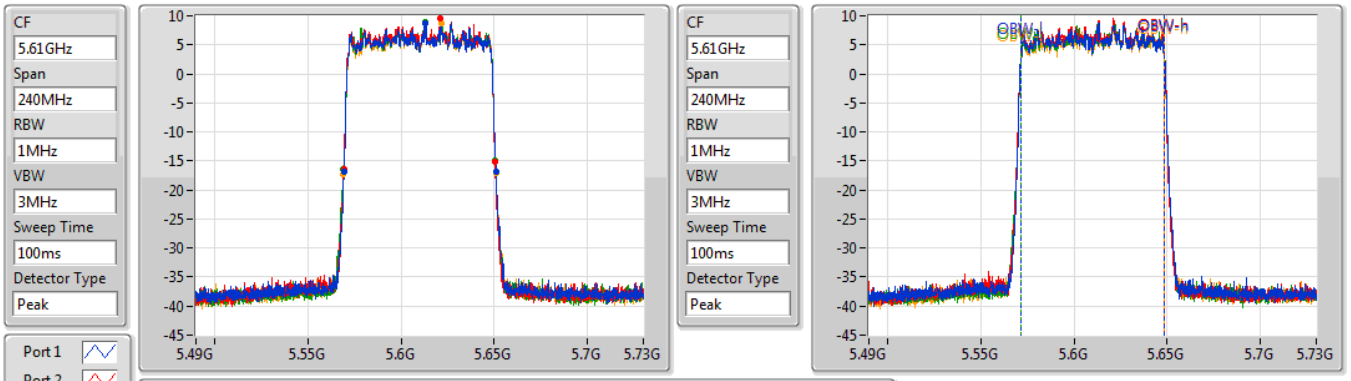


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	5.48932G	5.57068G	76.762M	5.491619G	5.568381G	Inf	1
81.12M	5.48932G	5.57044G	76.762M	5.491619G	5.568381G	Inf	2
81.48M	5.48908G	5.57056G	76.762M	5.491619G	5.568381G	Inf	3
81.72M	5.48908G	5.5708G	76.762M	5.491619G	5.568381G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5610MHz

27/07/2020

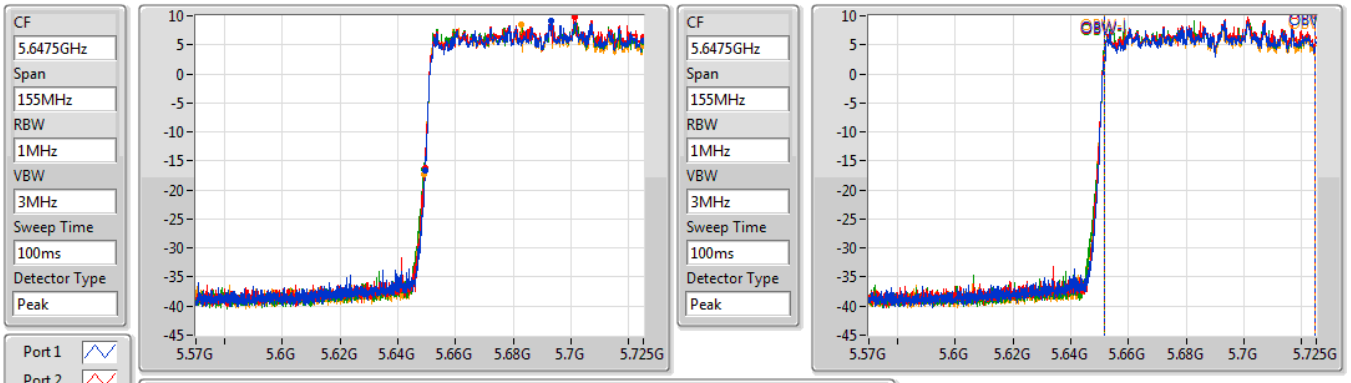


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.56944G	5.65092G	76.882M	5.571619G	5.648501G	Inf	1
81.24M	5.56932G	5.65056G	76.762M	5.571619G	5.648381G	Inf	2
81.48M	5.56908G	5.65056G	76.882M	5.571619G	5.648501G	Inf	3
81.72M	5.56908G	5.6508G	76.762M	5.571739G	5.648501G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

27/07/2020

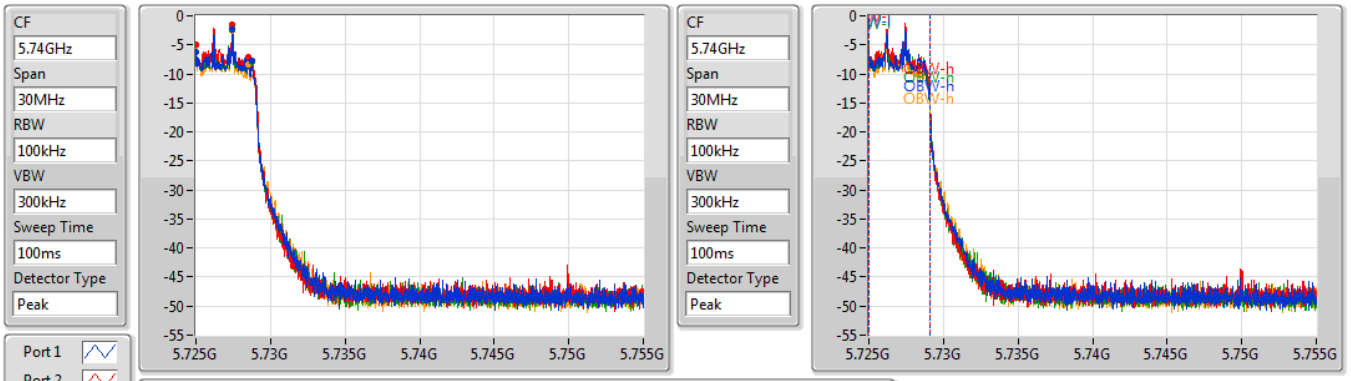


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.485M	5.649515G	5.725G	72.969M	5.651605G	5.724574G	Inf	1
75.718M	5.649283G	5.725G	72.969M	5.651605G	5.724574G	Inf	2
75.95M	5.64905G	5.725G	73.046M	5.651528G	5.724574G	Inf	3
76.028M	5.648973G	5.725G	72.969M	5.651528G	5.724497G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

27/07/2020

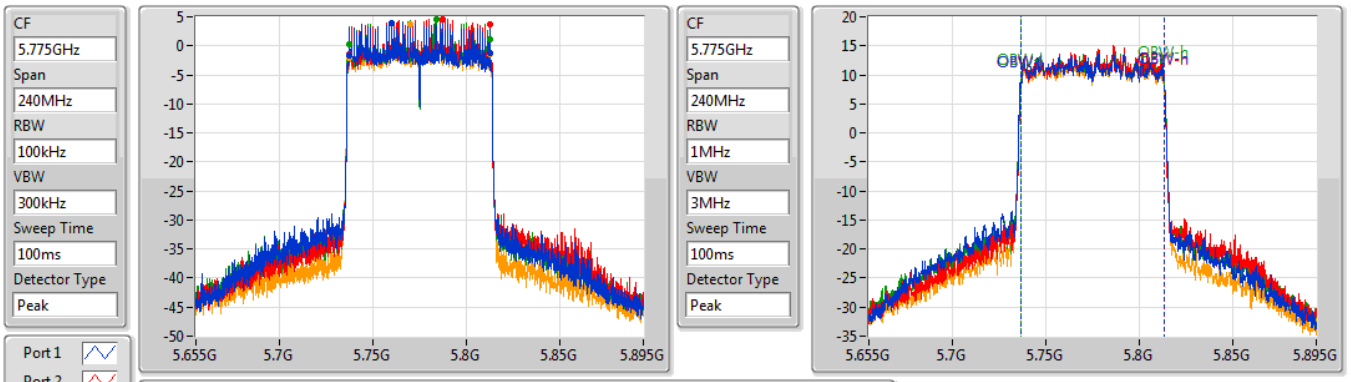


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.75M	5.725G	5.72875G	4.108M	5.725007G	5.729115G	500k	1
3.525M	5.725G	5.728525G	4.093M	5.725007G	5.7291G	500k	2
3.72M	5.725G	5.72872G	4.108M	5.725007G	5.729115G	500k	3
3.525M	5.725G	5.728525G	4.123M	5.725007G	5.72913G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5775MHz

27/07/2020

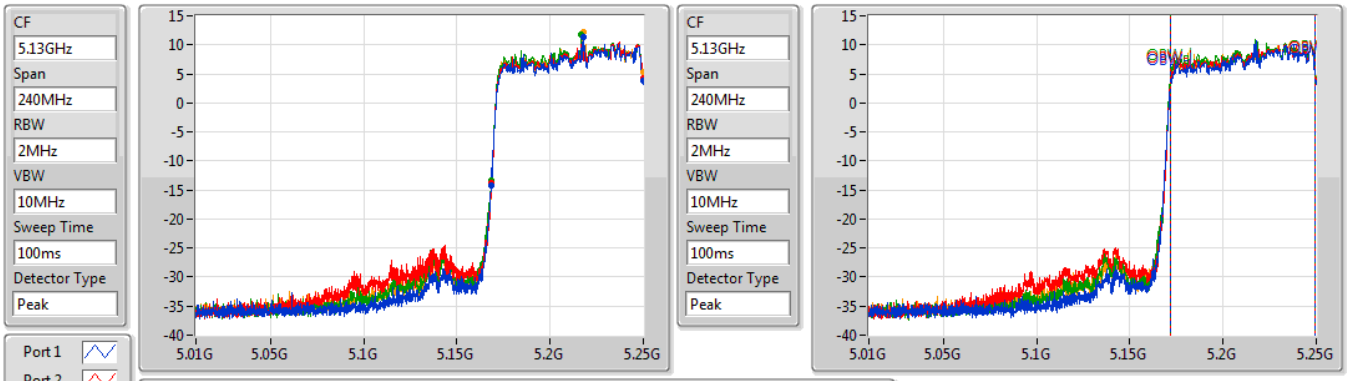


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.48M	5.7372G	5.81268G	77.121M	5.736379G	5.813501G	500k	1
75.36M	5.73708G	5.81244G	76.882M	5.736619G	5.813501G	500k	2
75.24M	5.73732G	5.81256G	77.001M	5.736499G	5.813501G	500k	3
75.36M	5.7372G	5.81256G	76.882M	5.736499G	5.813381G	500k	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

5250MHz Straddle 5.15-5.25GHz

29/09/2020

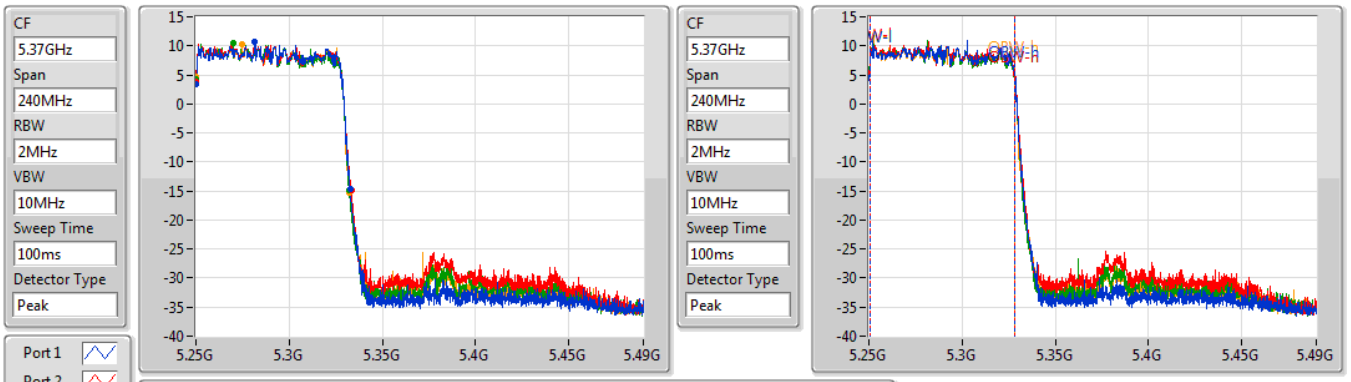


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.16828G	5.25G	77.361M	5.171859G	5.24922G	Inf	1
81.48M	5.16852G	5.25G	77.361M	5.171859G	5.24922G	Inf	2
81.48M	5.16852G	5.25G	77.361M	5.171739G	5.2491G	Inf	3
81.24M	5.16876G	5.25G	77.481M	5.171739G	5.24922G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

5250MHz Straddle 5.25-5.35GHz

29/09/2020

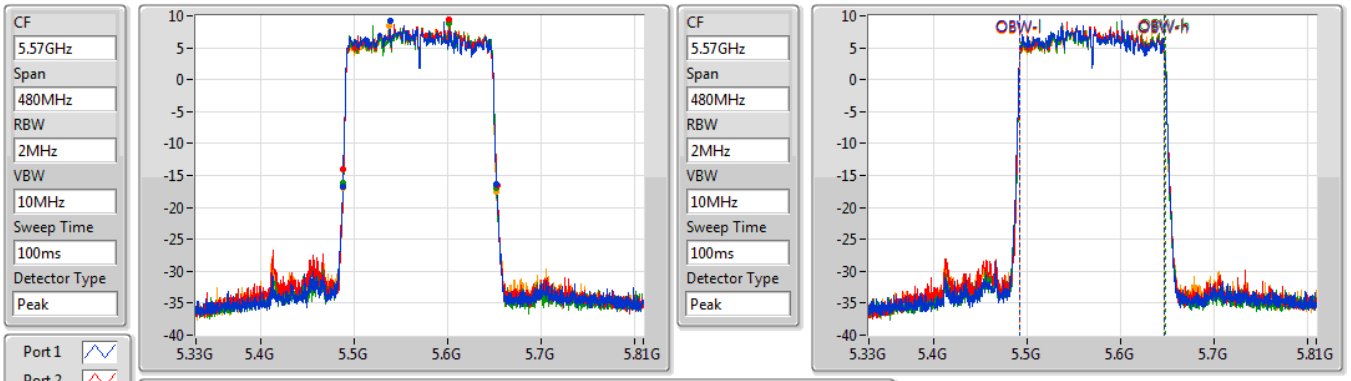


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.04M	5.25G	5.33304G	77.721M	5.25078G	5.328501G	Inf	1
83.4M	5.25G	5.3334G	77.721M	5.25078G	5.328501G	Inf	2
82.32M	5.25G	5.33232G	77.721M	5.25066G	5.328381G	Inf	3
82.44M	5.25G	5.33244G	77.841M	5.25066G	5.328501G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

5570MHz

27/07/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.12M	5.48768G	5.6528G	155.442M	5.492039G	5.647481G	Inf	1
164.64M	5.4884G	5.65304G	155.202M	5.492279G	5.647481G	Inf	2
163.92M	5.4884G	5.65232G	155.442M	5.492279G	5.647721G	Inf	3
164.4M	5.48816G	5.65256G	155.202M	5.492279G	5.647481G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	21.6M	19.07M	19M1D1D	21.27M	18.981M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	40.26M	37.601M	37M6D1D	39.72M	37.541M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	81.48M	77.121M	77M1D1D	81.12M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	21.57M	19.07M	19M1D1D	15.715M	14.518M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	40.2M	37.601M	37M6D1D	35.025M	33.621M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	81.84M	77.121M	77M1D1D	75.718M	73.046M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	166.08M	155.442M	155MD1D	164.16M	155.202M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	18.96M	20.87M	20M9D1D	4.41M	4.648M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	37.8M	38.021M	38M0D1D	3.795M	4.063M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	75.48M	77.121M	77M1D1D	3.72M	4.093M

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

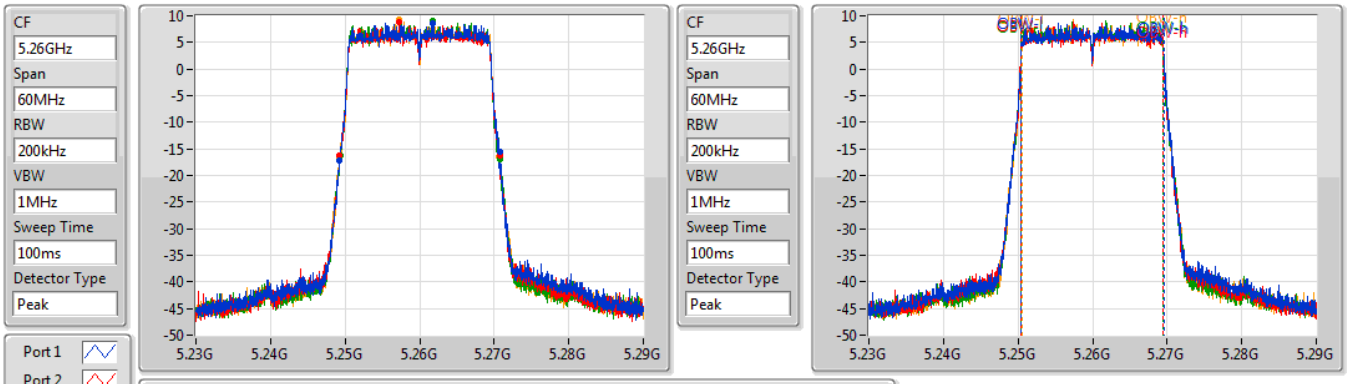
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.51M	19.07M	21.42M	19.04M	21.54M	19.01M	21.48M	18.981M
5300MHz	Pass	Inf	21.6M	19.07M	21.36M	19.04M	21.3M	19.01M	21.51M	19.04M
5320MHz	Pass	Inf	21.6M	19.04M	21.45M	19.04M	21.27M	19.04M	21.45M	19.04M
5500MHz	Pass	Inf	21.57M	19.07M	21.48M	19.04M	21.45M	19.04M	21.36M	19.01M
5580MHz	Pass	Inf	21.48M	19.07M	21.39M	19.07M	21.42M	19.01M	21.45M	19.04M
5700MHz	Pass	Inf	21.42M	19.07M	21.39M	19.04M	21.45M	19.01M	21.36M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.75M	14.553M	15.715M	14.535M	15.733M	14.518M	15.768M	14.518M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.53M	4.678M	4.455M	4.663M	4.41M	4.663M	4.485M	4.648M
5745MHz	Pass	500k	18.84M	20.66M	18.81M	19.43M	18.75M	19.46M	18.96M	19.22M
5785MHz	Pass	500k	18.81M	19.34M	18.87M	19.37M	18.87M	19.28M	18.9M	19.19M
5825MHz	Pass	500k	18.9M	19.34M	18.72M	20.87M	18.81M	20.03M	18.75M	19.91M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.26M	37.601M	40.08M	37.541M	40.02M	37.601M	39.72M	37.541M
5310MHz	Pass	Inf	40.14M	37.541M	39.96M	37.541M	40.2M	37.541M	39.9M	37.541M
5510MHz	Pass	Inf	40.02M	37.541M	40.08M	37.541M	40.08M	37.541M	39.84M	37.601M
5550MHz	Pass	Inf	40.2M	37.541M	40.14M	37.541M	40.14M	37.601M	39.96M	37.541M
5670MHz	Pass	Inf	40.02M	37.601M	40.08M	37.601M	40.14M	37.601M	40.08M	37.481M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.138M	33.658M	35.138M	33.621M	35.1M	33.696M	35.025M	33.658M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.855M	4.078M	3.795M	4.093M	3.87M	4.078M	3.795M	4.063M
5755MHz	Pass	500k	37.8M	38.021M	36.54M	37.781M	36.9M	37.901M	37.44M	37.721M
5795MHz	Pass	500k	37.44M	37.961M	37.26M	38.021M	37.32M	37.961M	36.96M	37.901M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.12M	77.121M	81.24M	77.001M	81.48M	77.001M	81.36M	77.121M
5530MHz	Pass	Inf	81.84M	77.001M	81.48M	77.121M	81.36M	77.121M	81.36M	77.121M
5610MHz	Pass	Inf	81.6M	77.121M	81.24M	77.001M	81.6M	77.001M	81.36M	77.001M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.795M	73.046M	75.718M	73.201M	75.795M	73.201M	75.718M	73.123M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.975M	4.123M	3.78M	4.093M	3.72M	4.138M	3.765M	4.108M
5775MHz	Pass	500k	75.36M	77.121M	75.24M	76.882M	75.48M	77.001M	75.24M	76.882M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	Inf	165.36M	155.202M	166.08M	155.202M	164.16M	155.442M	165.84M	155.442M

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

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5260MHz

31/07/2020

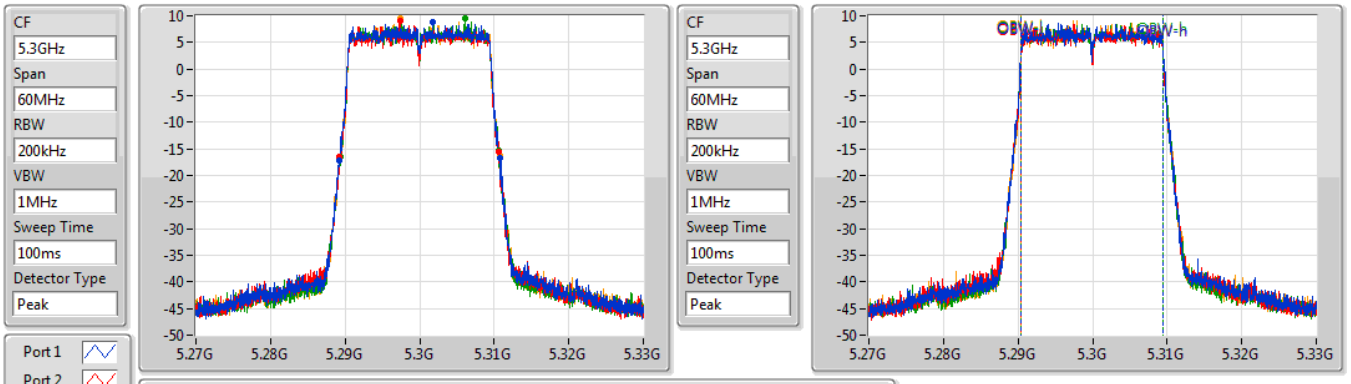


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.24923G	5.27074G	19.07M	5.250465G	5.269535G	Inf	1
21.42M	5.24929G	5.27071G	19.04M	5.250465G	5.269505G	Inf	2
21.54M	5.24932G	5.27086G	19.01M	5.250465G	5.269475G	Inf	3
21.48M	5.2492G	5.27068G	18.981M	5.250495G	5.269475G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5300MHz

31/07/2020

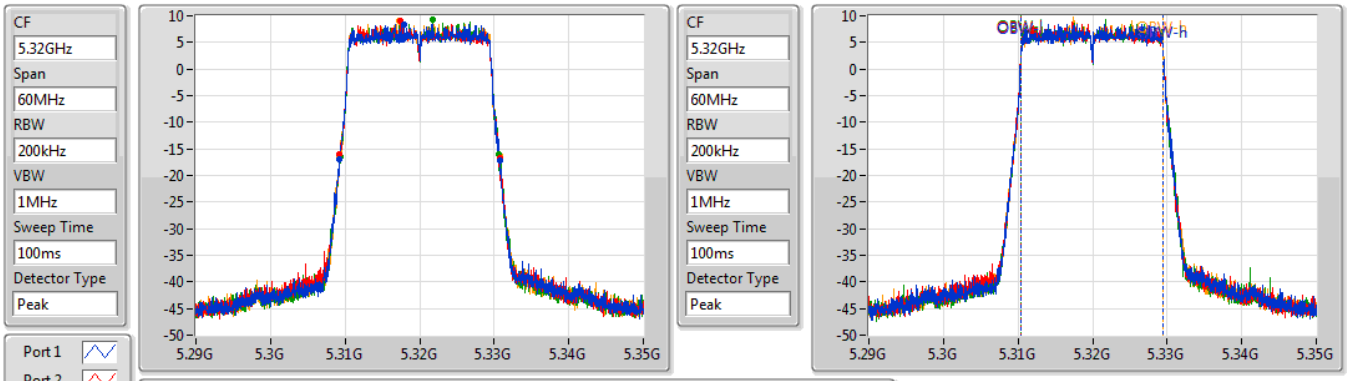


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.2892G	5.3108G	19.07M	5.290435G	5.309505G	Inf	1
21.36M	5.28929G	5.31065G	19.04M	5.290465G	5.309505G	Inf	2
21.3M	5.28932G	5.31062G	19.01M	5.290465G	5.309475G	Inf	3
21.51M	5.28923G	5.31074G	19.04M	5.290465G	5.309505G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5320MHz

31/07/2020

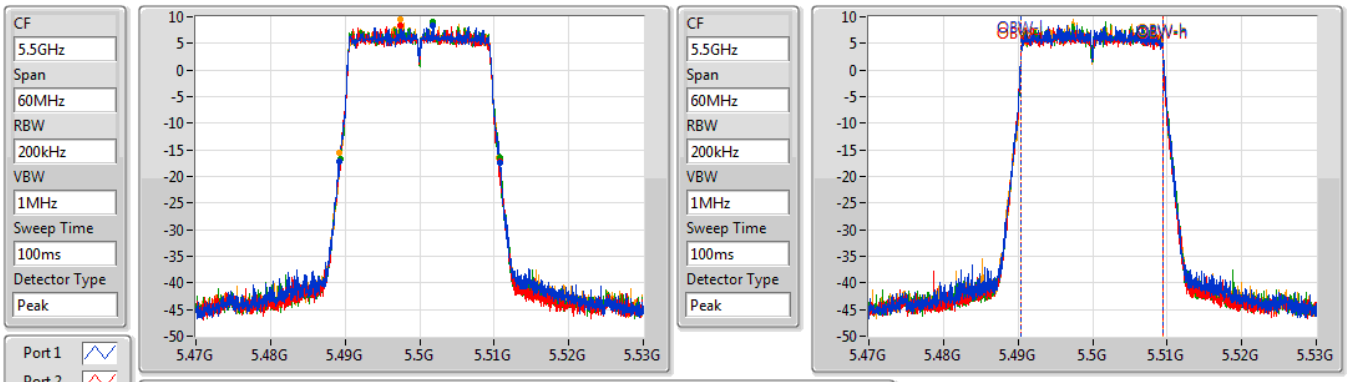


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.30923G	5.33083G	19.04M	5.310465G	5.329505G	Inf	1
21.45M	5.30929G	5.33074G	19.04M	5.310465G	5.329505G	Inf	2
21.27M	5.30935G	5.33062G	19.04M	5.310465G	5.329505G	Inf	3
21.45M	5.30929G	5.33074G	19.04M	5.310465G	5.329505G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5500MHz

31/07/2020

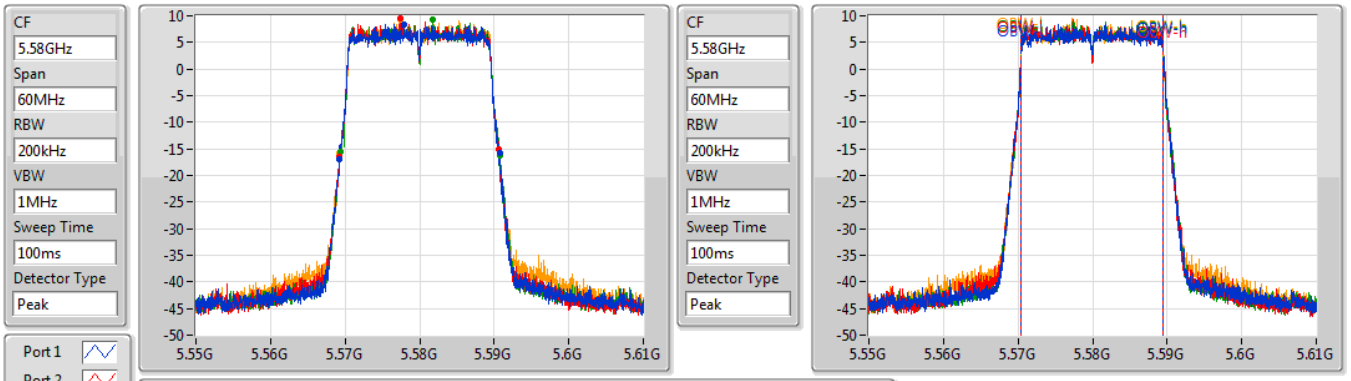


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.48926G	5.51083G	19.07M	5.490435G	5.509505G	Inf	1
21.48M	5.48926G	5.51074G	19.04M	5.490435G	5.509475G	Inf	2
21.45M	5.48932G	5.51077G	19.04M	5.490435G	5.509475G	Inf	3
21.36M	5.48929G	5.51065G	19.01M	5.490465G	5.509475G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5580MHz

01/08/2020

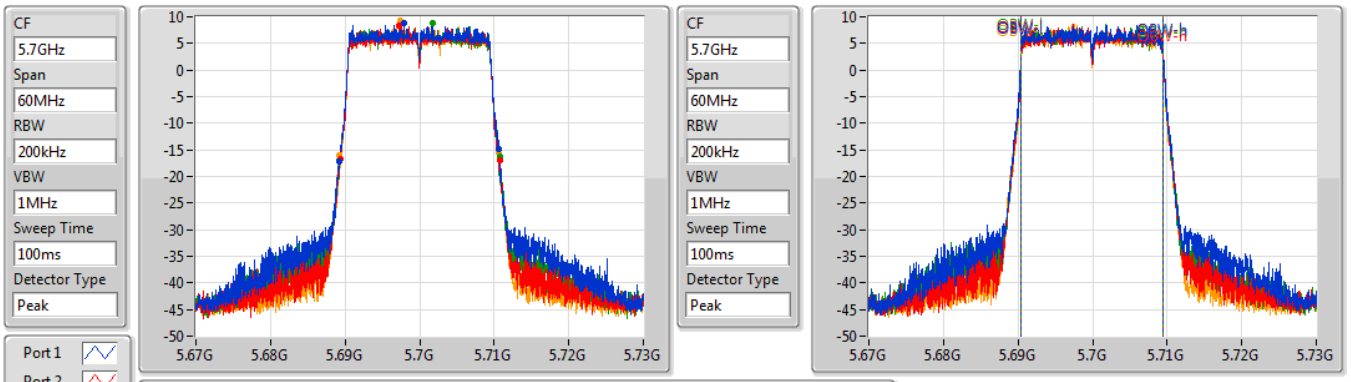


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.56923G	5.59071G	19.07M	5.570435G	5.589505G	Inf	1
21.39M	5.56923G	5.59062G	19.07M	5.570435G	5.589505G	Inf	2
21.42M	5.56938G	5.5908G	19.01M	5.570465G	5.589475G	Inf	3
21.45M	5.56929G	5.59074G	19.04M	5.570465G	5.589505G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5700MHz

01/08/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.42M	5.68923G	5.71065G	19.07M	5.690435G	5.709505G	Inf	1
21.39M	5.68935G	5.71074G	19.04M	5.690465G	5.709505G	Inf	2
21.45M	5.68929G	5.71074G	19.01M	5.690465G	5.709475G	Inf	3
21.36M	5.68926G	5.71062G	19.01M	5.690465G	5.709475G	Inf	4

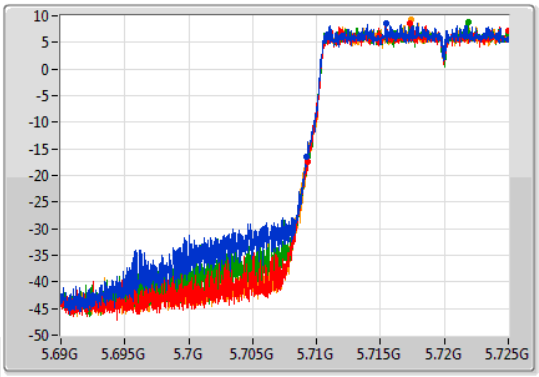
802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

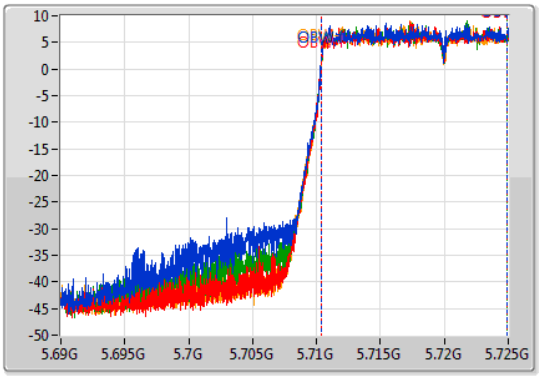
01/08/2020

CF 5.7075GHz
Span 35MHz
RBW 200kHz
VBW 1MHz
Sweep Time 100ms
Detector Type Peak

Port 1
Port 2
Port 3
Port 4



CF 5.7075GHz
Span 35MHz
RBW 200kHz
VBW 1MHz
Sweep Time 100ms
Detector Type Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.75M	5.70925G	5.725G	14.553M	5.710386G	5.724939G	Inf	1
15.715M	5.709285G	5.725G	14.535M	5.710404G	5.724939G	Inf	2
15.733M	5.709268G	5.725G	14.518M	5.710404G	5.724921G	Inf	3
15.768M	5.709233G	5.725G	14.518M	5.710404G	5.724921G	Inf	4

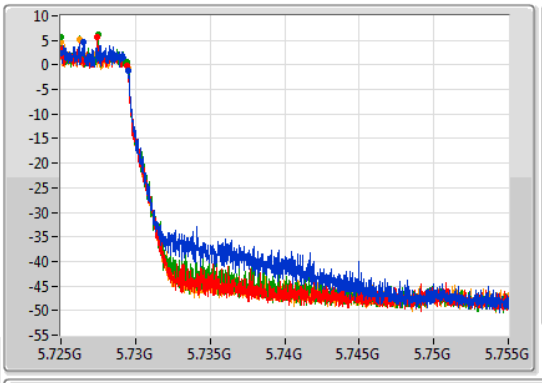
802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

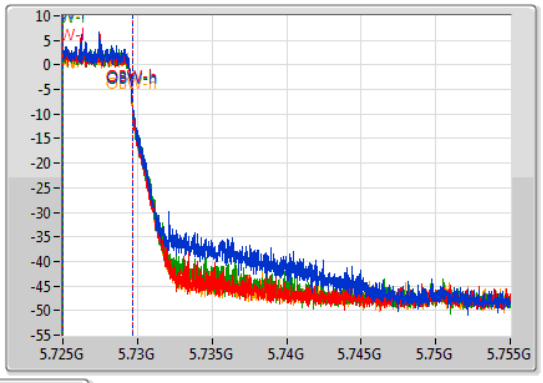
01/08/2020

CF 5.74GHz
Span 30MHz
RBW 100kHz
VBW 300kHz
Sweep Time 100ms
Detector Type Peak

Port 1
Port 2
Port 3
Port 4



CF 5.74GHz
Span 30MHz
RBW 100kHz
VBW 300kHz
Sweep Time 100ms
Detector Type Peak

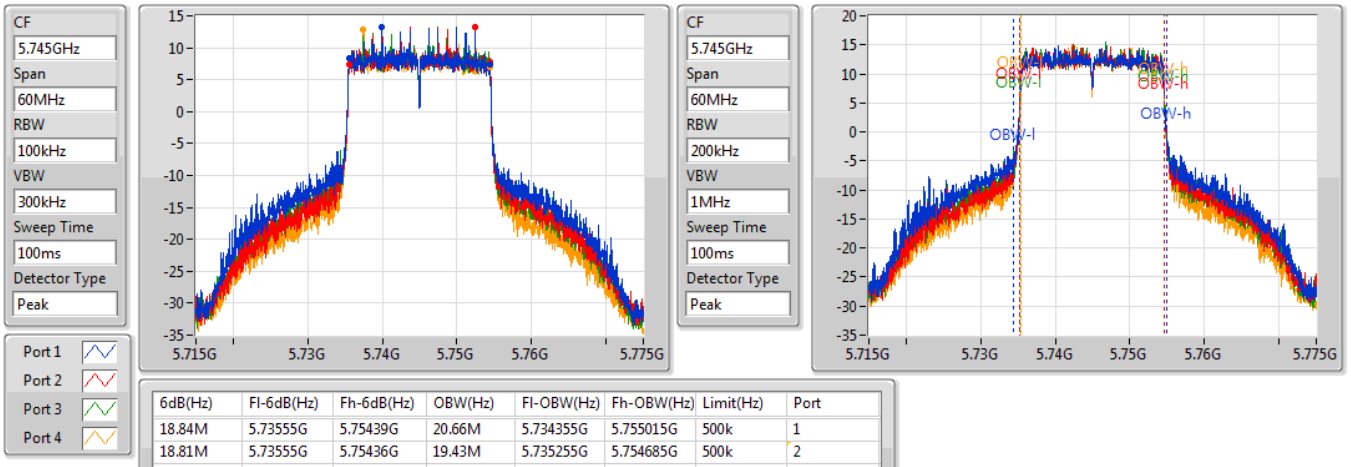


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.53M	5.725G	5.72953G	4.678M	5.725007G	5.729685G	500k	1
4.455M	5.725G	5.729455G	4.663M	5.725022G	5.729685G	500k	2
4.41M	5.725G	5.72941G	4.663M	5.725007G	5.72967G	500k	3
4.485M	5.725G	5.729485G	4.648M	5.725007G	5.729655G	500k	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5745MHz

01/08/2020

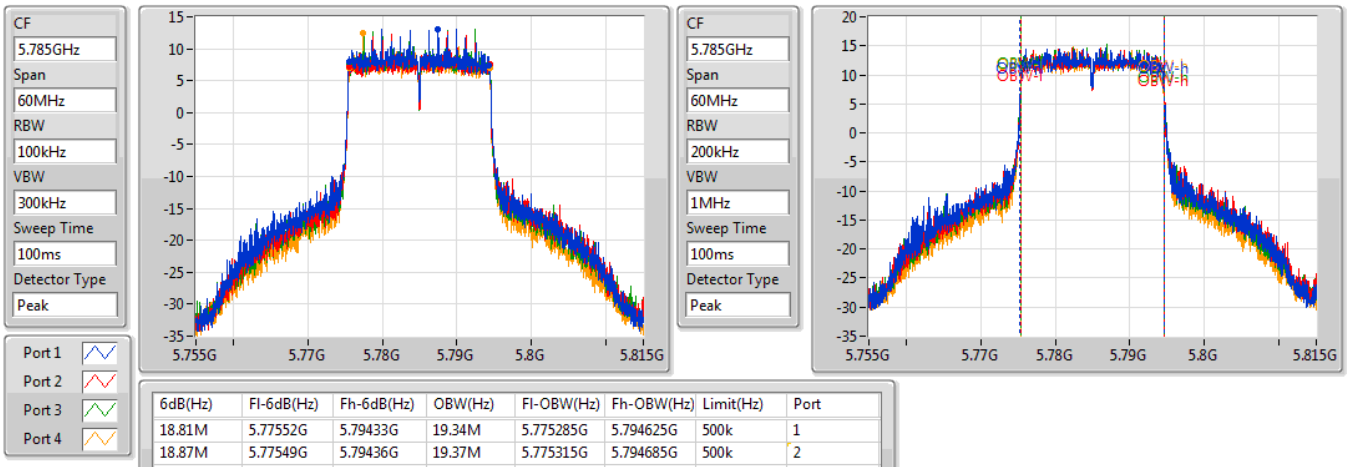


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.84M	5.73555G	5.75439G	20.66M	5.734355G	5.755015G	500k	1
18.81M	5.73555G	5.75436G	19.43M	5.735255G	5.754685G	500k	2
18.75M	5.73549G	5.75424G	19.46M	5.735225G	5.754685G	500k	3
18.96M	5.73552G	5.75448G	19.22M	5.735345G	5.754565G	500k	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5785MHz

01/08/2020

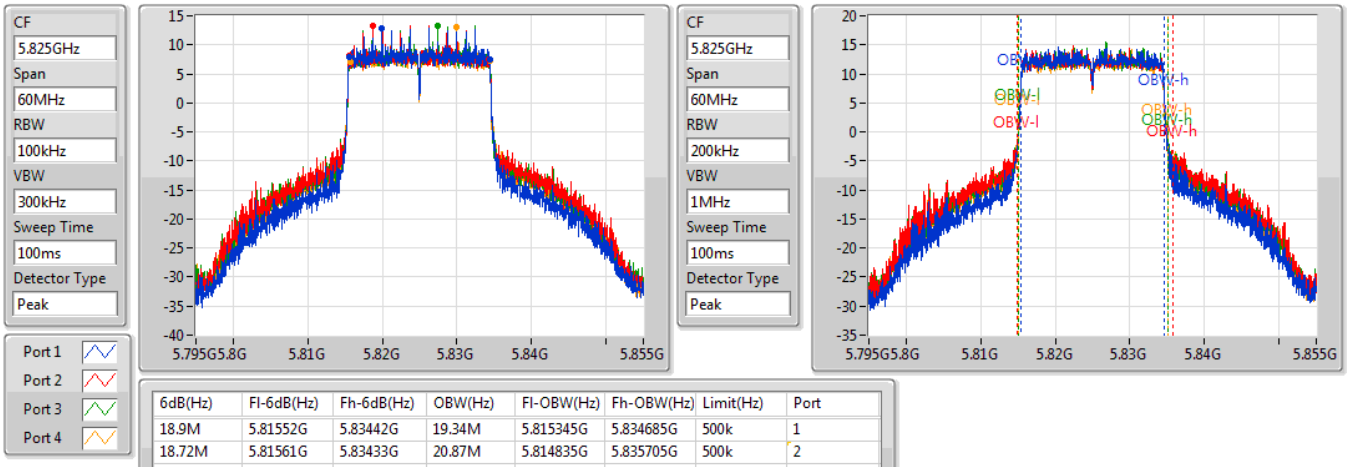


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.81M	5.77552G	5.79433G	19.34M	5.775285G	5.794625G	500k	1
18.87M	5.77549G	5.79436G	19.37M	5.775315G	5.794685G	500k	2
18.87M	5.77552G	5.79439G	19.28M	5.775345G	5.794625G	500k	3
18.9M	5.77555G	5.79445G	19.19M	5.775375G	5.794565G	500k	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5825MHz

01/08/2020

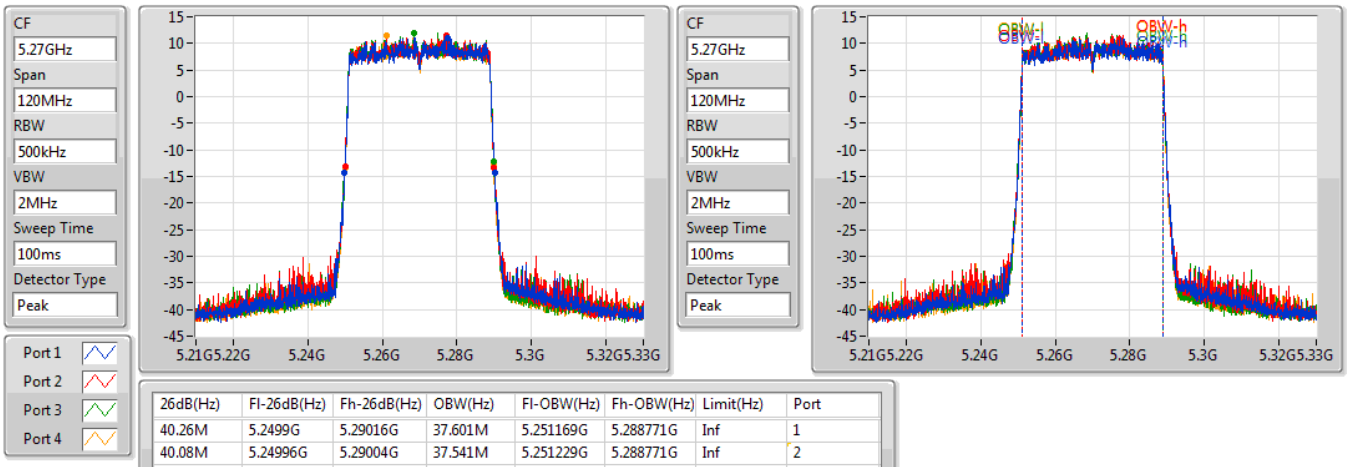


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.81552G	5.83442G	19.34M	5.815345G	5.834685G	500k	1
18.72M	5.81561G	5.83433G	20.87M	5.814835G	5.835705G	500k	2
18.81M	5.81555G	5.83436G	20.03M	5.815105G	5.835135G	500k	3
18.75M	5.81567G	5.83442G	19.91M	5.815135G	5.835045G	500k	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5270MHz

01/08/2020

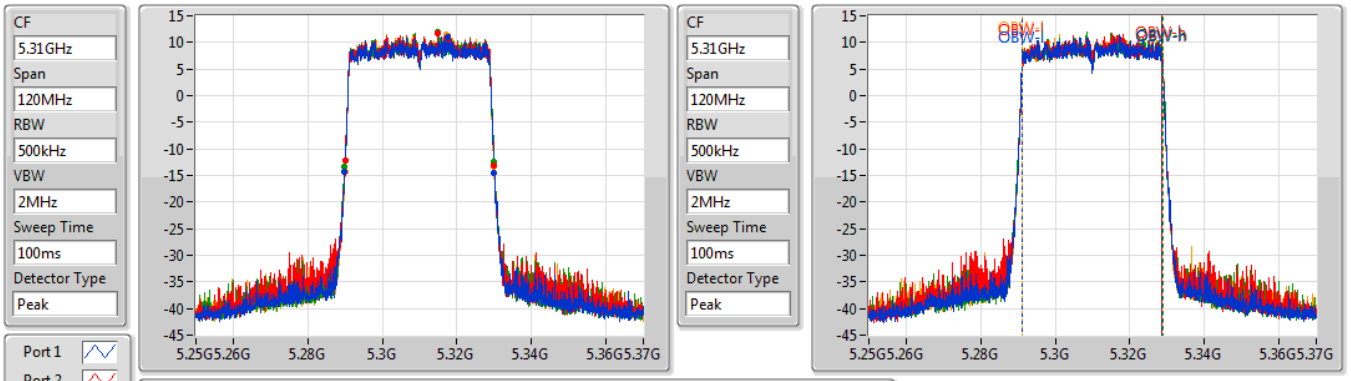


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.2499G	5.29016G	37.601M	5.251169G	5.288771G	Inf	1
40.08M	5.24996G	5.29004G	37.541M	5.251229G	5.288771G	Inf	2
40.02M	5.24996G	5.28998G	37.601M	5.251169G	5.288771G	Inf	3
39.72M	5.25014G	5.28986G	37.541M	5.251229G	5.288771G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5310MHz

01/08/2020

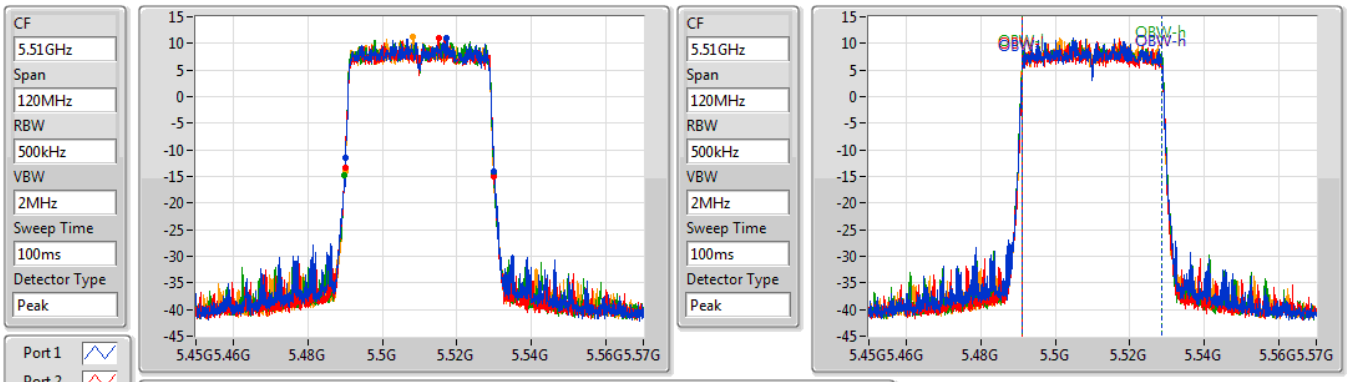


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.2899G	5.33004G	37.541M	5.291169G	5.328711G	Inf	1
39.96M	5.29002G	5.32998G	37.541M	5.291169G	5.328711G	Inf	2
40.2M	5.28984G	5.33004G	37.541M	5.291229G	5.328771G	Inf	3
39.9M	5.29002G	5.32992G	37.541M	5.291229G	5.328771G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5510MHz

01/08/2020

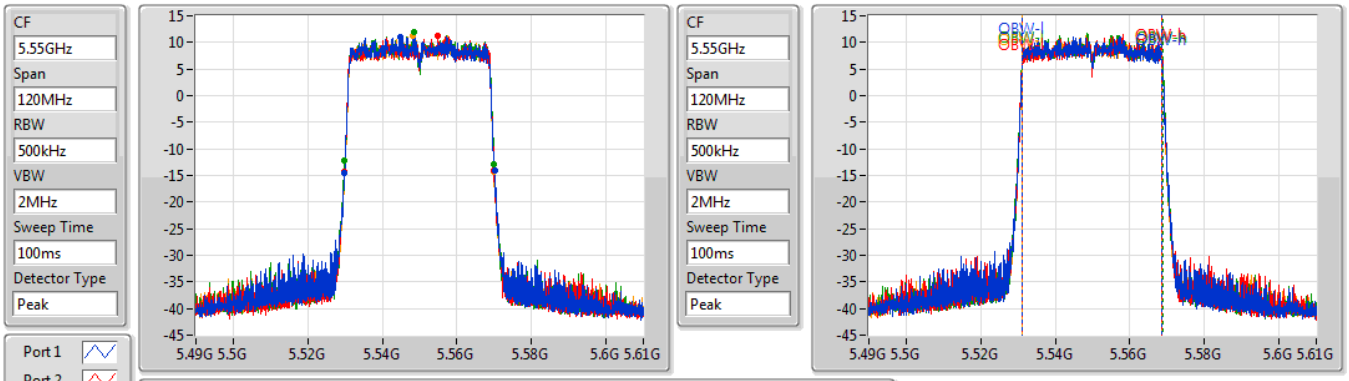


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.49002G	5.53004G	37.541M	5.491169G	5.528711G	Inf	1
40.08M	5.48996G	5.53004G	37.541M	5.491169G	5.528711G	Inf	2
40.08M	5.48984G	5.52992G	37.541M	5.491169G	5.528711G	Inf	3
39.84M	5.48996G	5.5298G	37.601M	5.491109G	5.528711G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5550MHz

01/08/2020

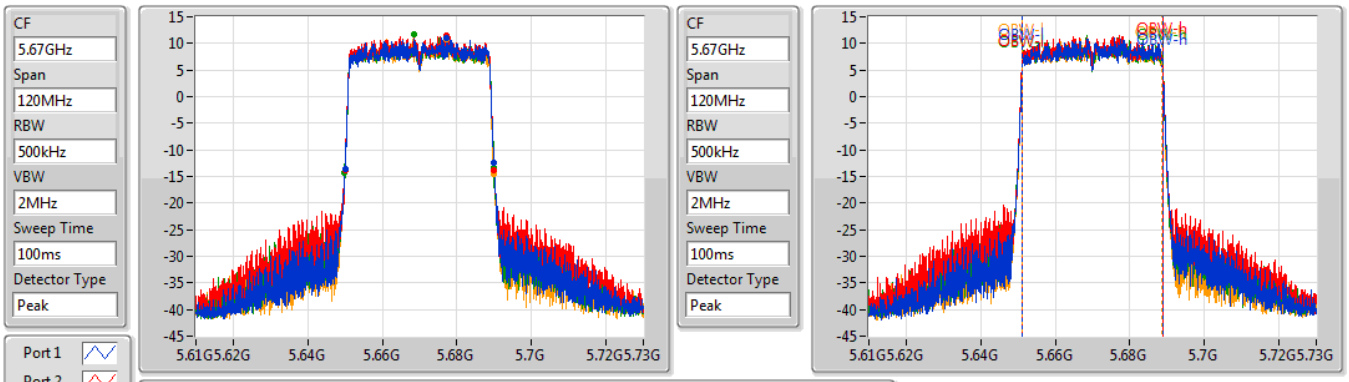


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.5299G	5.5701G	37.541M	5.531169G	5.568711G	Inf	1
40.14M	5.5299G	5.57004G	37.541M	5.531169G	5.568711G	Inf	2
40.14M	5.5299G	5.57004G	37.601M	5.531169G	5.568771G	Inf	3
39.96M	5.5299G	5.56986G	37.541M	5.531169G	5.568711G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5670MHz

01/08/2020

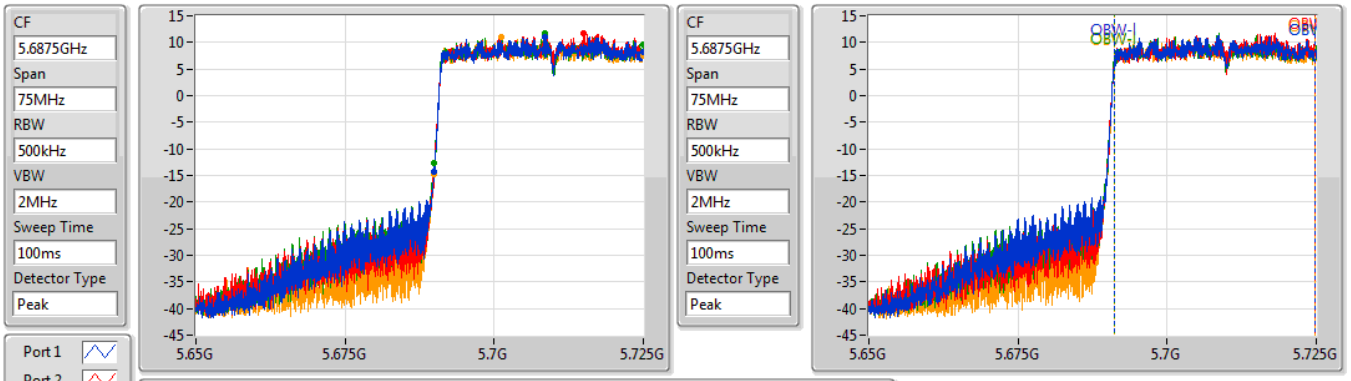


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.64996G	5.68998G	37.601M	5.651169G	5.688771G	Inf	1
40.08M	5.64996G	5.69004G	37.601M	5.651169G	5.688771G	Inf	2
40.14M	5.64978G	5.68992G	37.601M	5.651169G	5.688771G	Inf	3
40.08M	5.6499G	5.68998G	37.481M	5.651229G	5.688711G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

01/08/2020

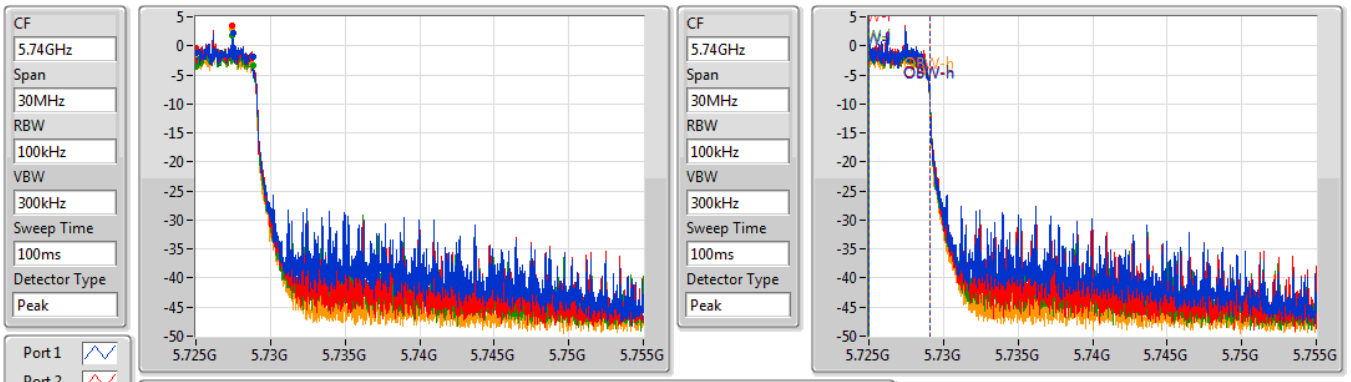


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.138M	5.689863G	5.725G	33.658M	5.691136G	5.724794G	Inf	1
35.138M	5.689863G	5.725G	33.621M	5.691173G	5.724794G	Inf	2
35.1M	5.6899G	5.725G	33.696M	5.691098G	5.724794G	Inf	3
35.025M	5.689975G	5.725G	33.658M	5.691136G	5.724794G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

01/08/2020

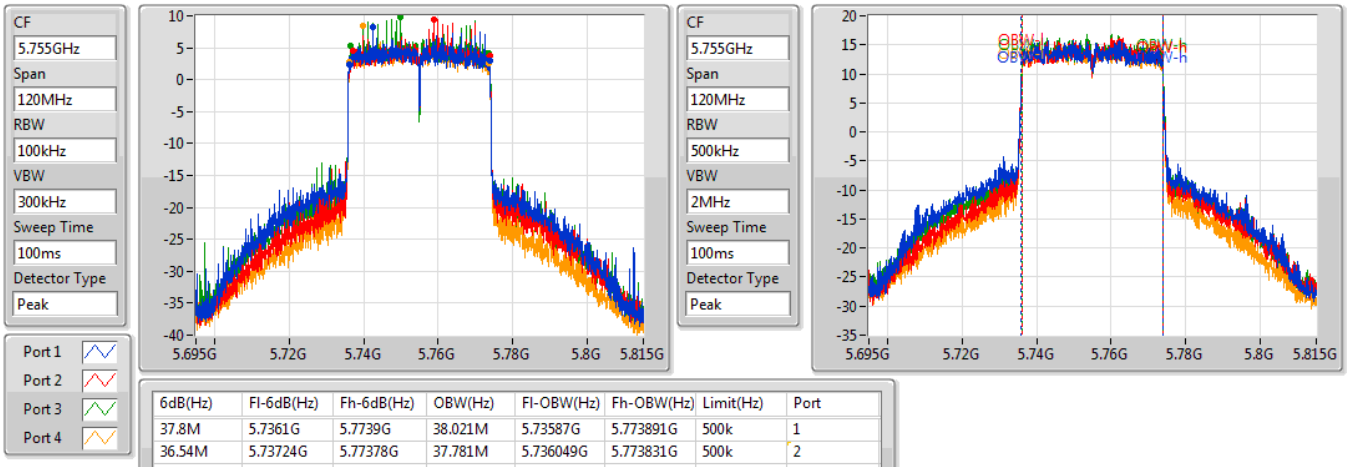


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.855M	5.725G	5.728855G	4.078M	5.725022G	5.7291G	500k	1
3.795M	5.725G	5.728795G	4.093M	5.725007G	5.7291G	500k	2
3.87M	5.725G	5.72887G	4.078M	5.725022G	5.7291G	500k	3
3.795M	5.725G	5.728795G	4.063M	5.725022G	5.729085G	500k	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5755MHz

01/08/2020

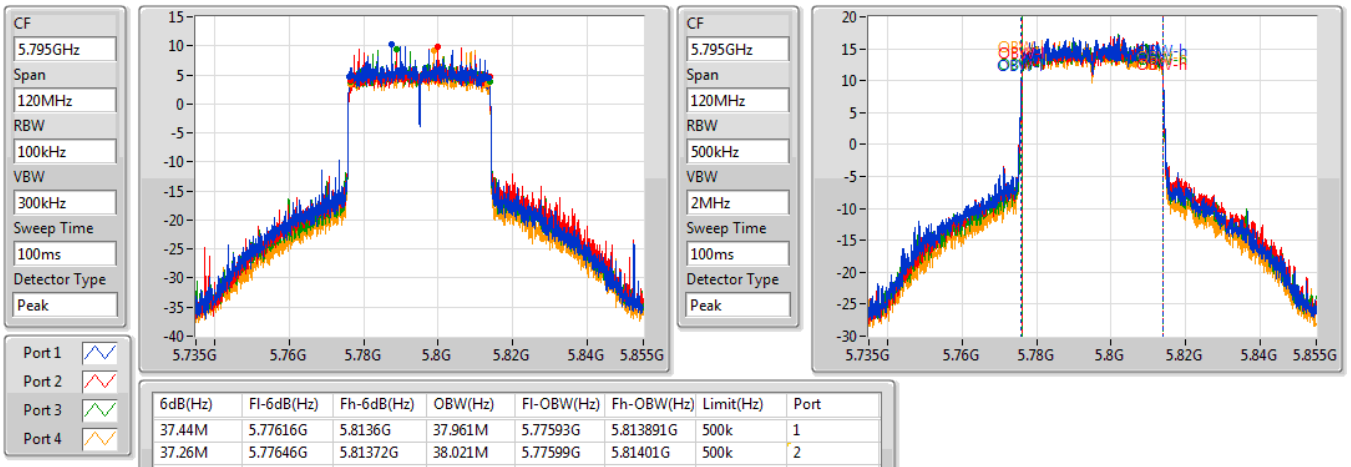


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	5.7361G	5.7739G	38.021M	5.73587G	5.773891G	500k	1
36.54M	5.73724G	5.77378G	37.781M	5.736049G	5.773831G	500k	2
36.9M	5.73658G	5.77348G	37.901M	5.73599G	5.773891G	500k	3
37.44M	5.7361G	5.77354G	37.721M	5.736049G	5.773771G	500k	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5795MHz

01/08/2020

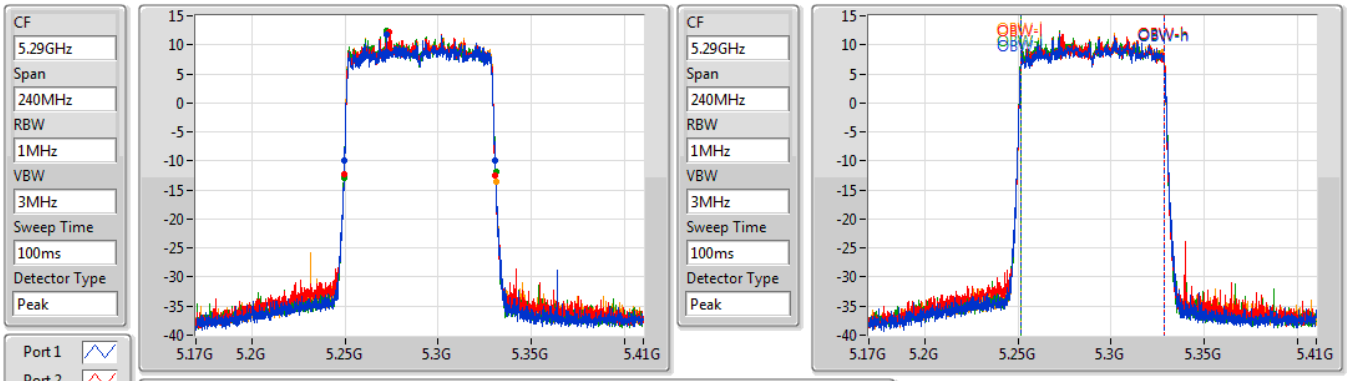


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.44M	5.77616G	5.8136G	37.961M	5.77593G	5.813891G	500k	1
37.26M	5.77646G	5.81372G	38.021M	5.77599G	5.81401G	500k	2
37.32M	5.7764G	5.81372G	37.961M	5.77599G	5.813951G	500k	3
36.96M	5.77634G	5.8133G	37.901M	5.77599G	5.813891G	500k	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

5290MHz

01/08/2020

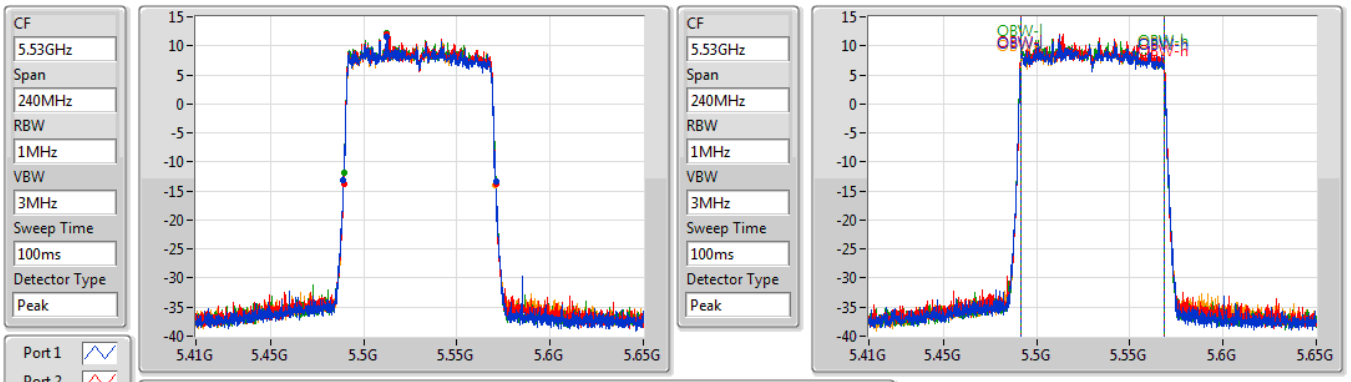


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.12M	5.24956G	5.33068G	77.121M	5.251499G	5.328621G	Inf	1
81.24M	5.24944G	5.33068G	77.001M	5.251499G	5.328501G	Inf	2
81.48M	5.24932G	5.3308G	77.001M	5.251499G	5.328501G	Inf	3
81.36M	5.24944G	5.3308G	77.121M	5.251499G	5.328621G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

5530MHz

01/08/2020

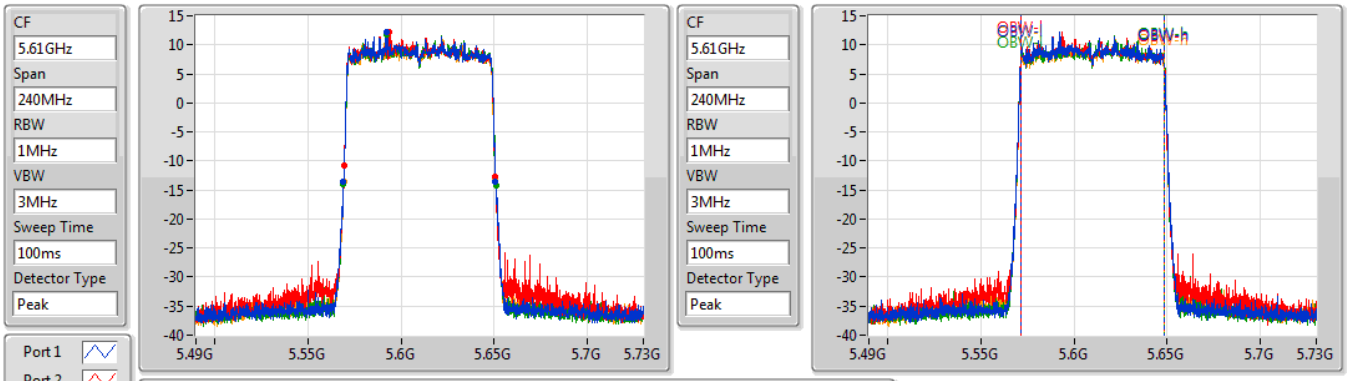


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.48908G	5.57092G	77.001M	5.491499G	5.568501G	Inf	1
81.48M	5.48932G	5.5708G	77.121M	5.491379G	5.568501G	Inf	2
81.36M	5.48944G	5.5708G	77.121M	5.491379G	5.568501G	Inf	3
81.36M	5.48932G	5.57068G	77.121M	5.491379G	5.568501G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

5610MHz

01/08/2020

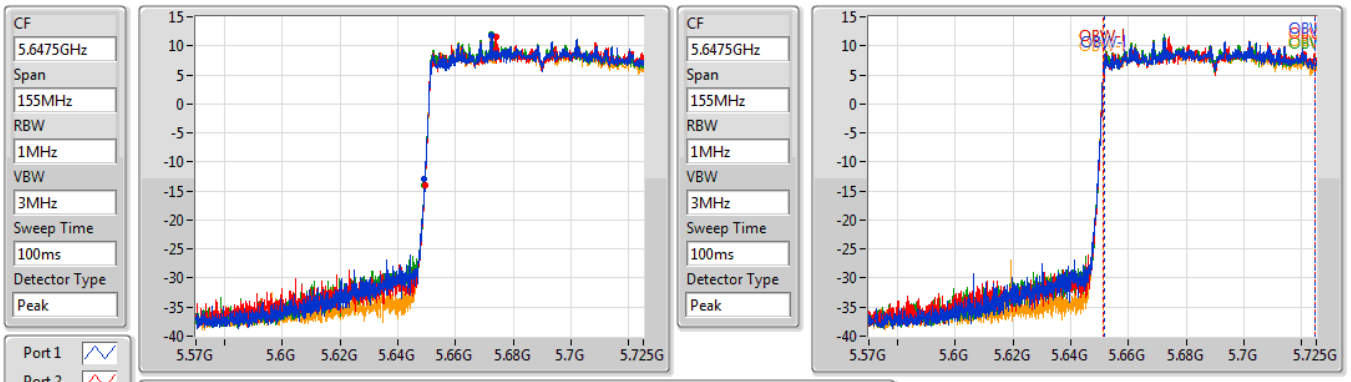


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.56908G	5.65068G	77.121M	5.571379G	5.648501G	Inf	1
81.24M	5.56944G	5.65068G	77.001M	5.571499G	5.648501G	Inf	2
81.6M	5.5692G	5.6508G	77.001M	5.571499G	5.648501G	Inf	3
81.36M	5.56932G	5.65068G	77.001M	5.571499G	5.648501G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

01/08/2020

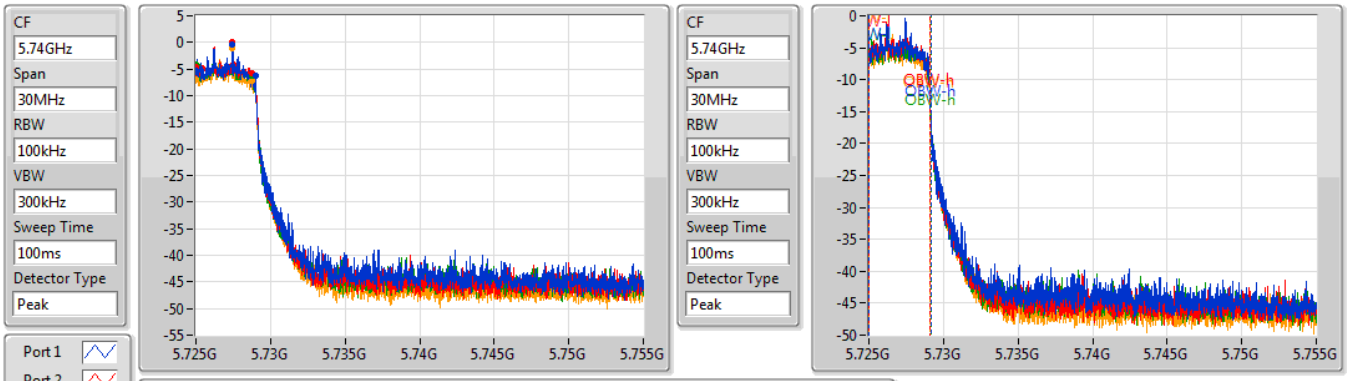


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.795M	5.649205G	5.725G	73.046M	5.651451G	5.724497G	Inf	1
75.718M	5.649283G	5.725G	73.201M	5.651373G	5.724574G	Inf	2
75.795M	5.649205G	5.725G	73.201M	5.651296G	5.724497G	Inf	3
75.718M	5.649283G	5.725G	73.123M	5.651373G	5.724497G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

01/08/2020

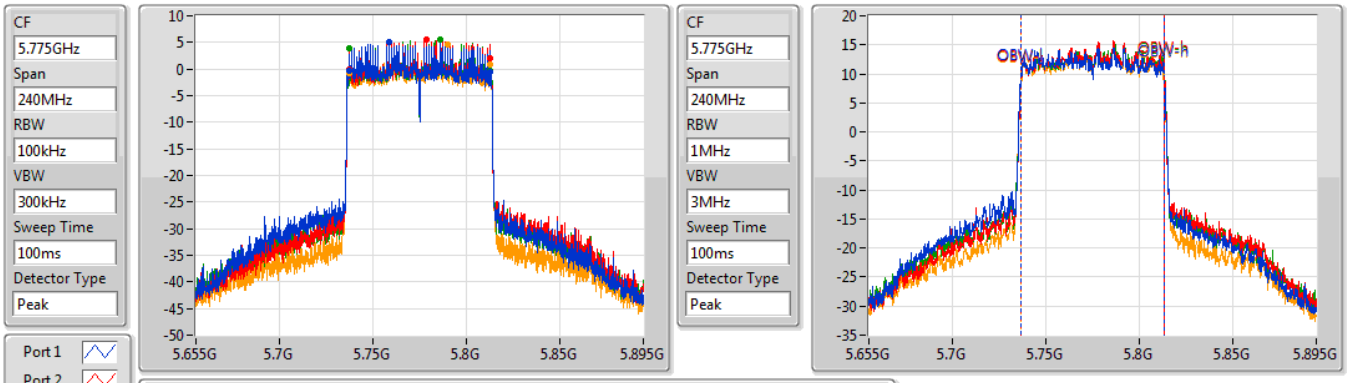


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.975M	5.725G	5.728975G	4.123M	5.725022G	5.729145G	500k	1
3.78M	5.725015G	5.728795G	4.093M	5.725022G	5.729115G	500k	2
3.72M	5.725G	5.72872G	4.138M	5.725022G	5.72916G	500k	3
3.765M	5.725015G	5.72878G	4.108M	5.725007G	5.729115G	500k	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

5775MHz

29/09/2020

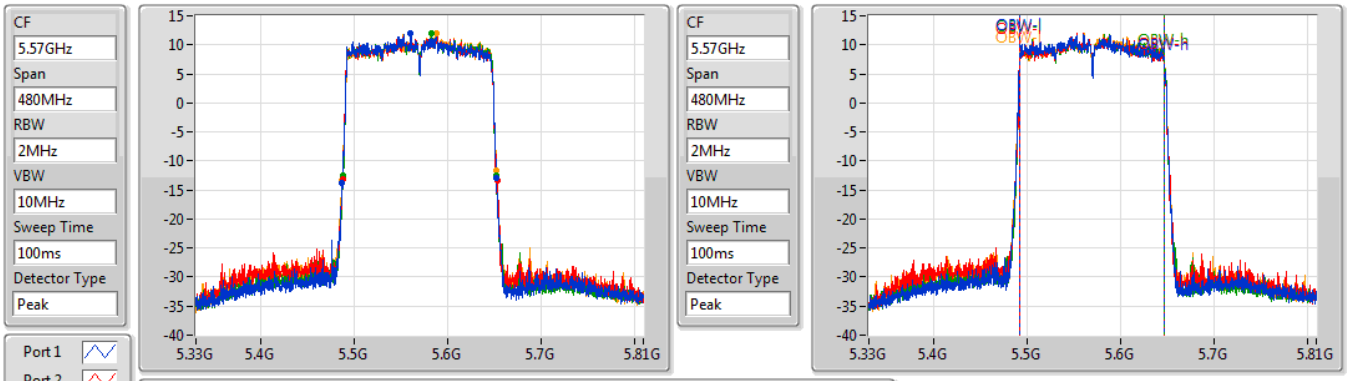


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.36M	5.73732G	5.81268G	77.121M	5.736379G	5.813501G	500k	1
75.24M	5.73732G	5.81256G	76.882M	5.736619G	5.813501G	500k	2
75.48M	5.73744G	5.81292G	77.001M	5.736619G	5.813621G	500k	3
75.24M	5.73732G	5.81256G	76.882M	5.736619G	5.813501G	500k	4

802.11ax HEW160-BF_Nss2,(MCS0)_4TX EBW

5570MHz

01/08/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.36M	5.48696G	5.65232G	155.202M	5.492039G	5.647241G	Inf	1
166.08M	5.4872G	5.65328G	155.202M	5.492039G	5.647241G	Inf	2
164.16M	5.48792G	5.65208G	155.442M	5.492039G	5.647481G	Inf	3
165.84M	5.48672G	5.65256G	155.442M	5.492039G	5.647481G	Inf	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	27.00	0.50119
802.11ax HEW80_Nss1,(MCS0)_4TX	23.58	0.22803
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	21.07	0.12794

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	2.00	20.54	20.10	20.60	20.95	26.58	30.00
5200MHz	Pass	2.00	20.97	20.58	21.01	21.32	27.00	30.00
5500MHz	Pass	2.00	15.46	14.40	14.61	15.04	20.92	23.98
5700MHz	Pass	2.00	15.67	14.79	14.73	14.93	21.07	23.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.00	17.55	17.74	17.37	17.57	23.58	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW80_Nss4,(MCS0)_4TX	24.37	0.27353
5.725-5.85GHz	-	-
802.11ax HEW80_Nss4,(MCS0)_4TX	27.63	0.57943

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.00	18.37	18.35	18.51	18.14	24.37	30.00
5775MHz	Pass	2.00	21.41	21.84	21.96	21.19	27.63	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.96	0.62517
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	27.91	0.61802
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	25.07	0.32137
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	20.26	0.10617
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.95	0.15668
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.86	0.15346
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.77	0.15031
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	21.16	0.13062
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.91	0.15524
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.86	0.15346
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.90	0.15488
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	21.84	0.15276
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.88	0.61376
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	27.96	0.62517
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	27.80	0.60256

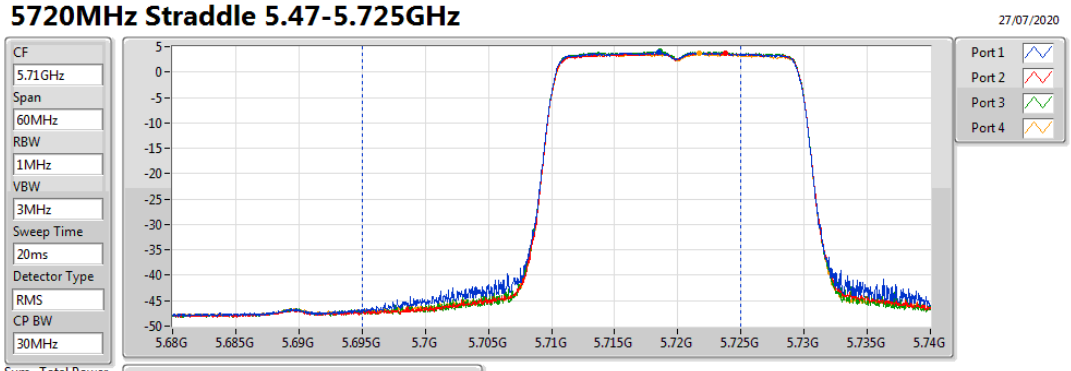
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.01	20.09	20.37	20.44	19.88	26.22	27.99
5200MHz	Pass	8.01	21.78	21.91	22.09	21.97	27.96	27.99
5240MHz	Pass	8.01	21.92	21.74	22.14	21.48	27.85	27.99
5260MHz	Pass	8.01	15.84	15.88	16.21	15.79	21.95	21.97
5300MHz	Pass	8.01	15.53	15.74	16.02	15.72	21.78	21.97
5320MHz	Pass	8.01	15.54	15.73	16.01	15.57	21.74	21.97
5500MHz	Pass	8.01	16.05	15.87	15.85	15.79	21.91	21.97
5580MHz	Pass	8.01	15.50	15.92	16.02	15.80	21.83	21.97
5700MHz	Pass	8.01	15.87	15.85	16.03	15.50	21.84	21.97
5720MHz Straddle 5.47-5.725GHz	Pass	8.01	14.80	14.64	14.94	14.59	20.77	20.95
5720MHz Straddle 5.725-5.85GHz	Pass	8.01	9.51	9.69	9.82	9.39	15.63	27.99
5745MHz	Pass	8.01	21.48	22.11	21.92	21.44	27.77	27.99
5785MHz	Pass	8.01	21.82	22.15	22.12	21.31	27.88	27.99
5825MHz	Pass	8.01	21.81	21.96	22.01	21.17	27.77	27.99
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.01	18.12	18.41	18.62	18.28	24.38	27.99
5230MHz	Pass	8.01	22.00	21.75	22.01	21.78	27.91	27.99
5270MHz	Pass	8.01	15.65	15.91	16.09	15.71	21.86	21.97
5310MHz	Pass	8.01	15.62	15.63	15.98	15.65	21.74	21.97
5510MHz	Pass	8.01	16.01	15.79	15.97	15.57	21.86	21.97
5550MHz	Pass	8.01	15.74	15.83	15.91	15.77	21.83	21.97
5670MHz	Pass	8.01	15.72	16.25	15.83	15.39	21.83	21.97
5710MHz Straddle 5.47-5.725GHz	Pass	8.01	15.61	16.28	15.93	15.35	21.83	21.97
5710MHz Straddle 5.725-5.85GHz	Pass	8.01	5.93	6.73	6.18	5.66	12.16	27.99
5755MHz	Pass	8.01	21.78	22.26	22.24	21.41	27.96	27.99
5795MHz	Pass	8.01	21.65	22.34	22.11	21.27	27.88	27.99
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.01	18.89	19.07	19.34	18.89	25.07	27.99
5290MHz	Pass	8.01	15.64	15.71	16.01	15.63	21.77	21.97
5530MHz	Pass	8.01	15.88	16.04	15.83	15.63	21.87	21.97
5610MHz	Pass	8.01	15.85	16.15	16.01	15.47	21.90	21.97
5690MHz Straddle 5.47-5.725GHz	Pass	8.01	15.62	15.98	15.86	15.36	21.73	21.97
5690MHz Straddle 5.725-5.85GHz	Pass	8.01	1.94	2.85	2.09	1.40	8.12	27.99
5775MHz	Pass	8.01	21.56	22.13	22.05	21.32	27.80	27.99
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.01	13.88	14.19	14.71	14.15	20.26	27.99
5250MHz Straddle 5.25-5.35GHz	Pass	8.01	15.17	15.27	15.05	15.06	21.16	21.97
5570MHz	Pass	8.01	15.76	16.08	15.82	15.61	21.84	21.97

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX AV Power

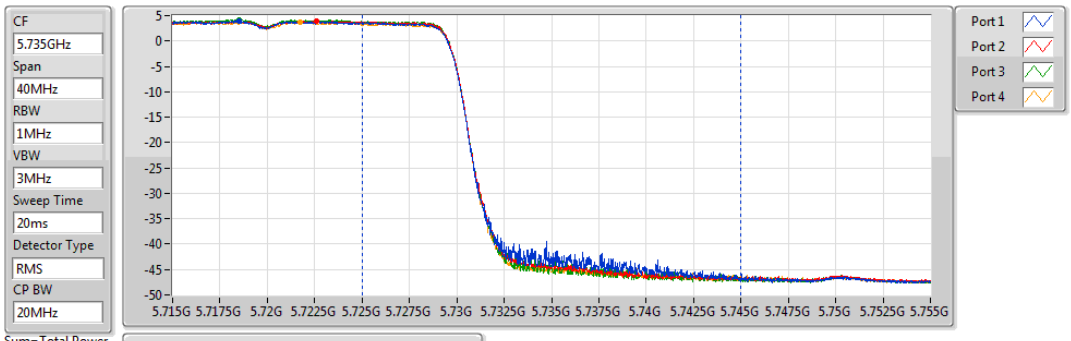
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.77	14.80	14.64	14.94	14.59

802.11ax HEW20-BF_Nss1,(MCS0)_4TX AV Power

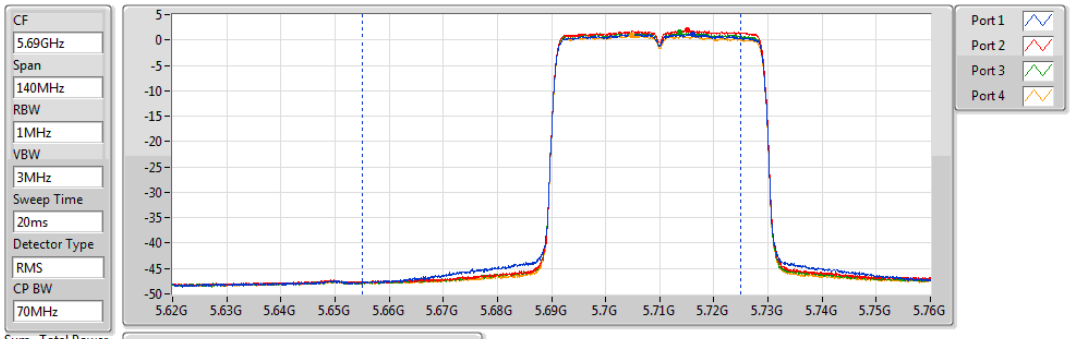
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
15.63	9.51	9.69	9.82	9.39

802.11ax HEW40-BF_Nss1,(MCS0)_4TX AV Power

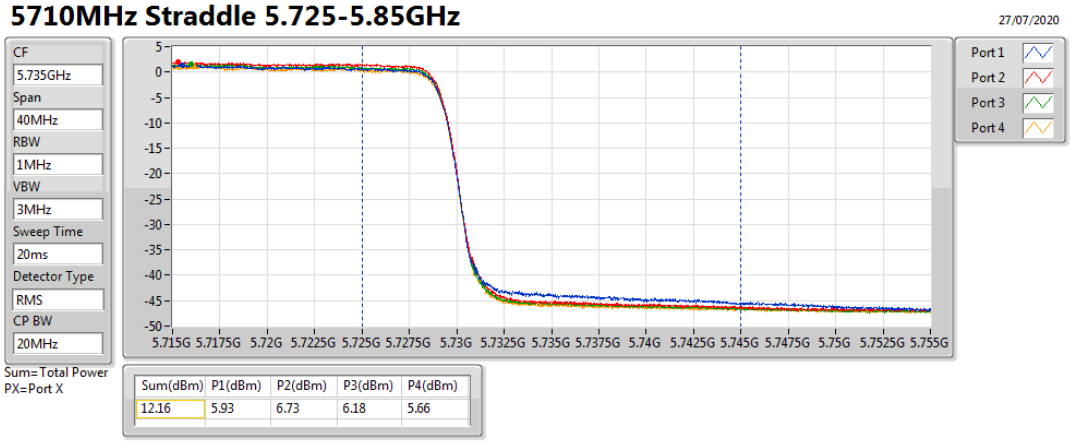
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.83	15.61	16.28	15.93	15.35

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.725-5.85GHz

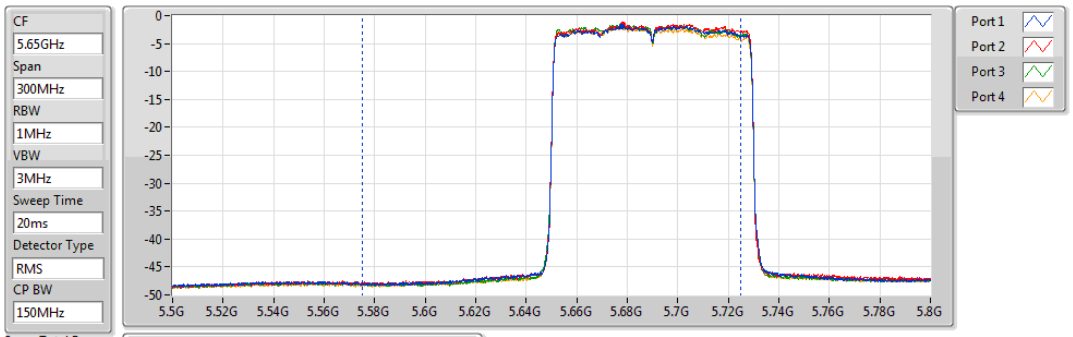


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.16	5.93	6.73	6.18	5.66

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.47-5.725GHz

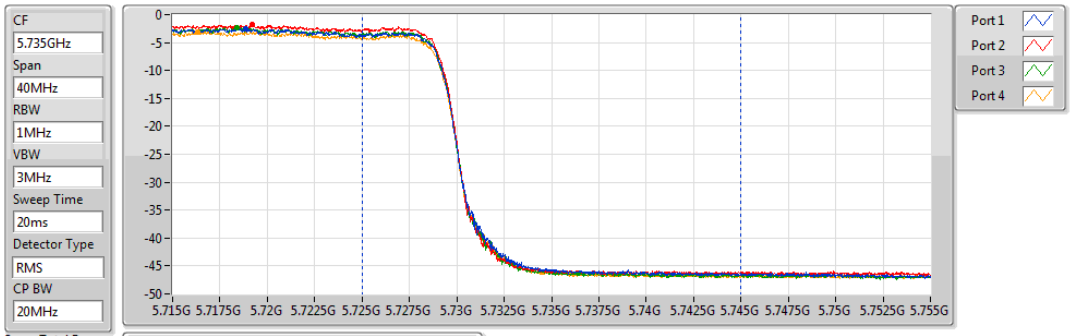


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.73	15.62	15.98	15.86	15.36

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.725-5.85GHz

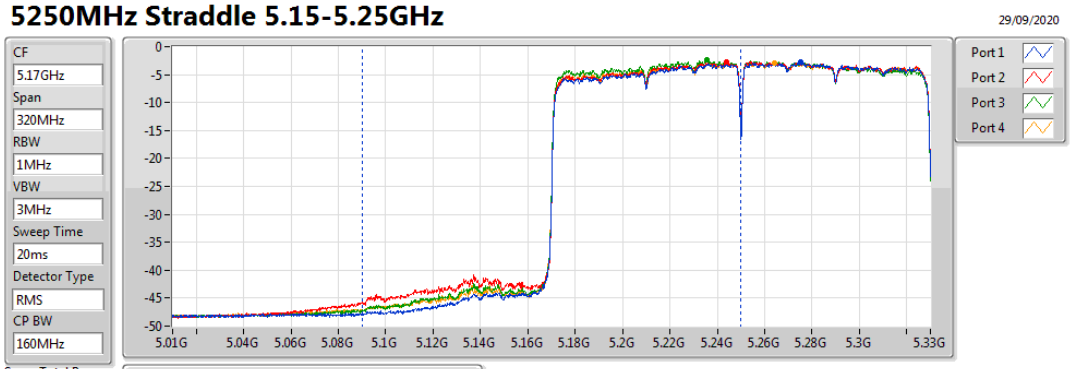


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
8.12	1.94	2.85	2.09	1.40

802.11ax HEW160-BF_Nss1,(MCS0)_4TX **AV Power**

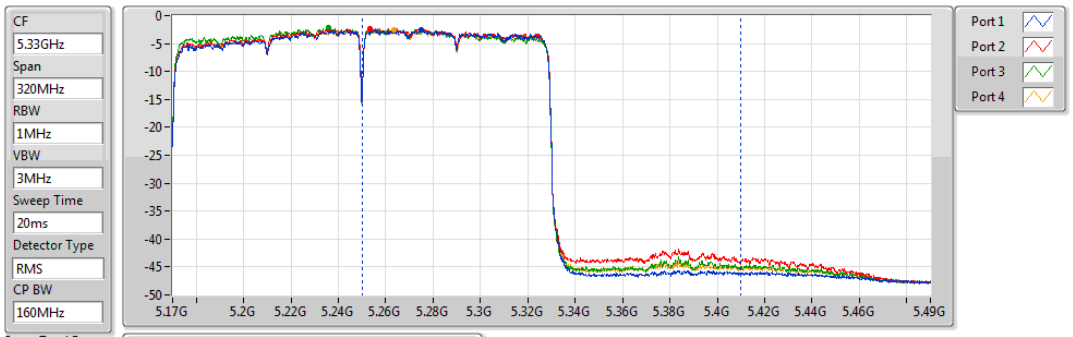
5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.26	13.88	14.19	14.71	14.15

802.11ax HEW160-BF_Nss1,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.25-5.35GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.16	15.17	15.27	15.05	15.06

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	23.83	0.24155
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	23.97	0.24946
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	23.95	0.24831
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	23.90	0.24547
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	23.94	0.24774
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	23.95	0.24831
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	23.89	0.24491
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	29.95	0.98855
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	29.73	0.93972
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	28.08	0.64269

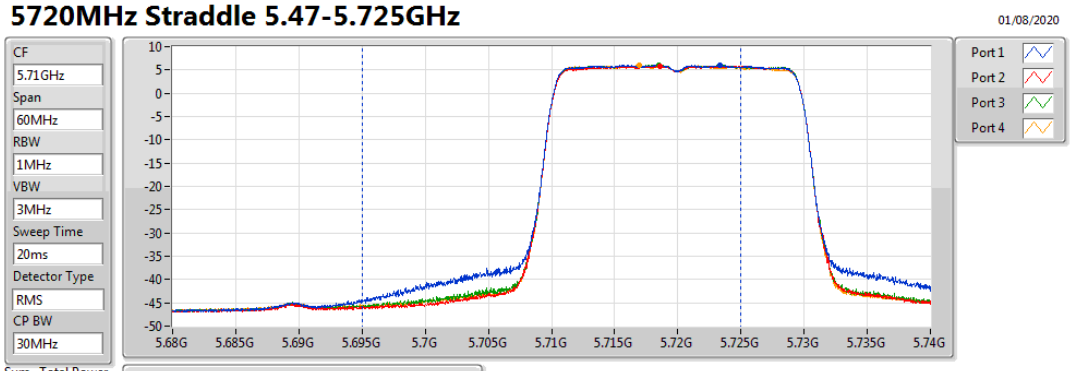
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.00	17.69	17.53	17.86	18.04	23.80	23.98
5300MHz	Pass	5.00	17.73	17.44	17.94	17.64	23.71	23.98
5320MHz	Pass	5.00	17.54	17.66	17.91	18.09	23.83	23.98
5500MHz	Pass	5.00	17.73	17.71	17.81	17.96	23.82	23.98
5580MHz	Pass	5.00	17.58	18.01	18.01	17.91	23.90	23.98
5700MHz	Pass	5.00	17.59	17.38	17.64	17.47	23.54	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	16.99	16.81	16.94	16.85	22.92	22.96
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	11.86	11.59	11.64	11.46	17.66	30.00
5745MHz	Pass	5.00	23.75	24.01	24.03	23.81	29.92	30.00
5785MHz	Pass	5.00	23.99	24.00	24.13	23.59	29.95	30.00
5825MHz	Pass	5.00	23.84	23.88	23.95	23.42	29.80	30.00
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.00	17.68	17.81	18.08	17.88	23.89	23.98
5310MHz	Pass	5.00	17.81	17.91	18.03	18.03	23.97	23.98
5510MHz	Pass	5.00	17.74	17.73	17.68	17.67	23.73	23.98
5550MHz	Pass	5.00	17.72	17.92	18.20	17.77	23.93	23.98
5670MHz	Pass	5.00	17.78	18.01	17.79	17.57	23.81	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.00	17.97	18.10	17.87	17.71	23.94	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.00	7.92	8.32	7.76	7.48	13.90	30.00
5755MHz	Pass	5.00	23.00	23.03	23.43	22.80	29.09	30.00
5795MHz	Pass	5.00	24.02	23.74	23.81	23.23	29.73	30.00
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.00	17.88	17.84	18.04	17.96	23.95	23.98
5530MHz	Pass	5.00	17.65	17.80	17.72	17.79	23.76	23.98
5610MHz	Pass	5.00	17.91	18.07	18.05	17.62	23.94	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.00	18.00	17.98	18.03	17.72	23.95	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.00	4.25	4.57	4.06	3.56	10.15	30.00
5775MHz	Pass	5.00	22.12	22.26	22.14	21.71	28.08	30.00
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.00	17.85	17.82	17.93	17.88	23.89	23.98

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

802.11ax HEW20-BF_Nss2,(MCS0)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz

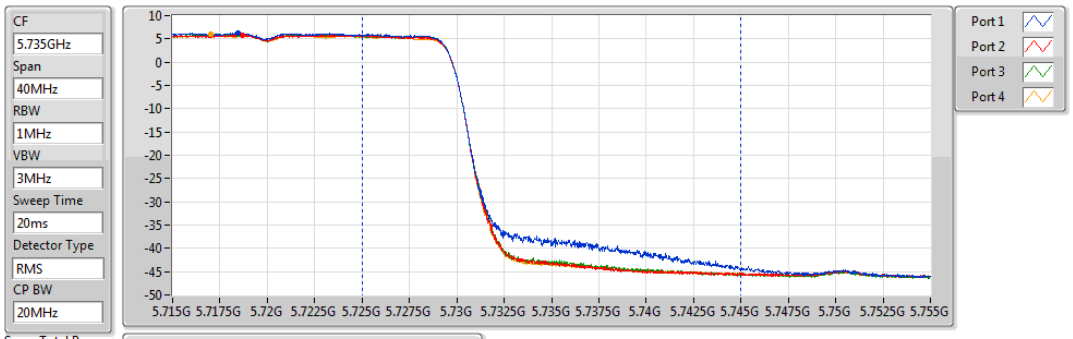


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.92	16.99	16.81	16.94	16.85

802.11ax HEW20-BF_Nss2,(MCS0)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz

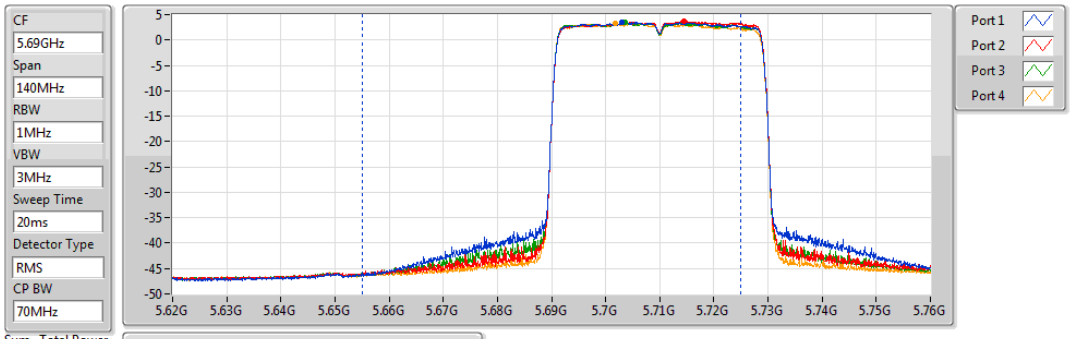


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.66	11.86	11.59	11.64	11.46

802.11ax HEW40-BF_Nss2,(MCS0)_4TX AV Power

5710MHz Straddle 5.47-5.725GHz

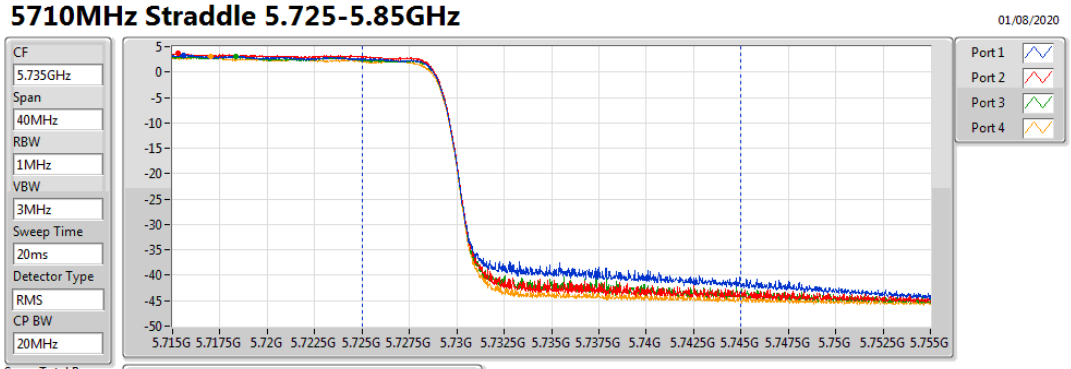


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.94	17.97	18.10	17.87	17.71

802.11ax HEW40-BF_Nss2,(MCS0)_4TX **AV Power**

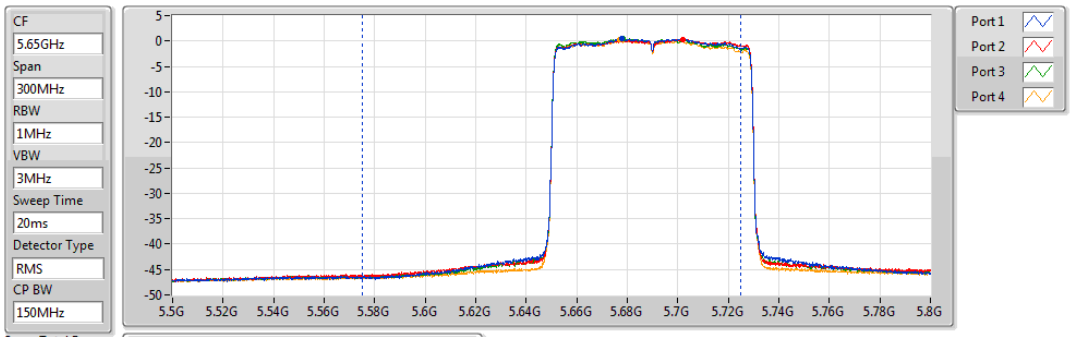
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.90	7.92	8.32	7.76	7.48

802.11ax HEW80-BF_Nss2,(MCS0)_4TX **AV Power**

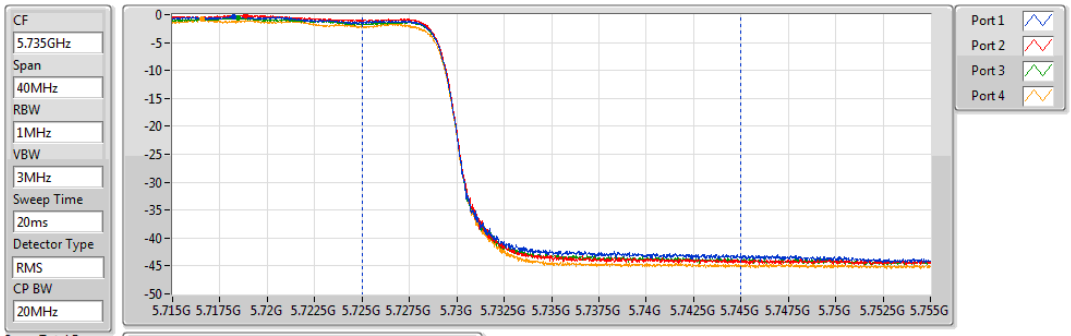
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.95	18.00	17.98	18.03	17.72

802.11ax HEW80-BF_Nss2,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.15	4.25	4.57	4.06	3.56

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	14.95
802.11ax HEW80_Nss1,(MCS0)_4TX	4.17
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	8.86
5.725-5.85GHz	-
802.11ax HEW80_Nss1,(MCS0)_4TX	4.17

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

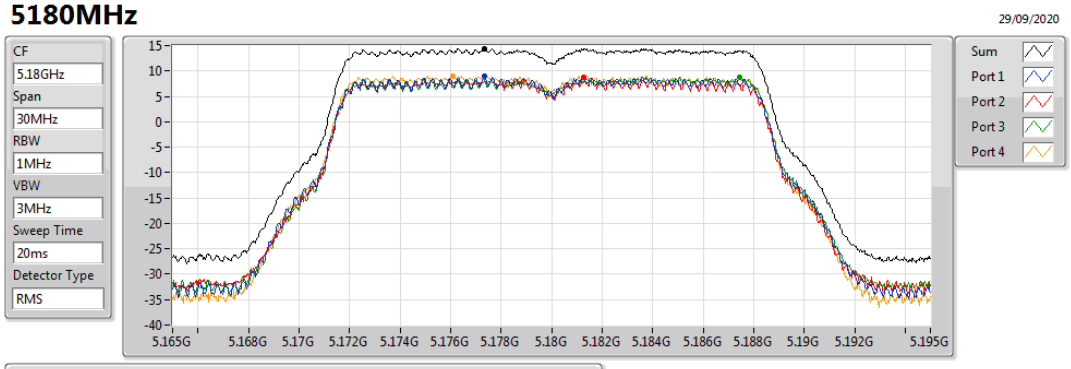
Result

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	8.01	8.94	8.72	8.77	9.01	14.46	14.99
5200MHz	Pass	8.01	9.21	9.02	9.67	9.32	14.95	14.99
5500MHz	Pass	8.01	3.39	2.58	2.98	3.21	8.86	8.99
5700MHz	Pass	8.01	4.04	3.06	3.15	3.11	8.84	8.99
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.01	-1.67	-1.67	-1.75	-1.65	4.17	14.99

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

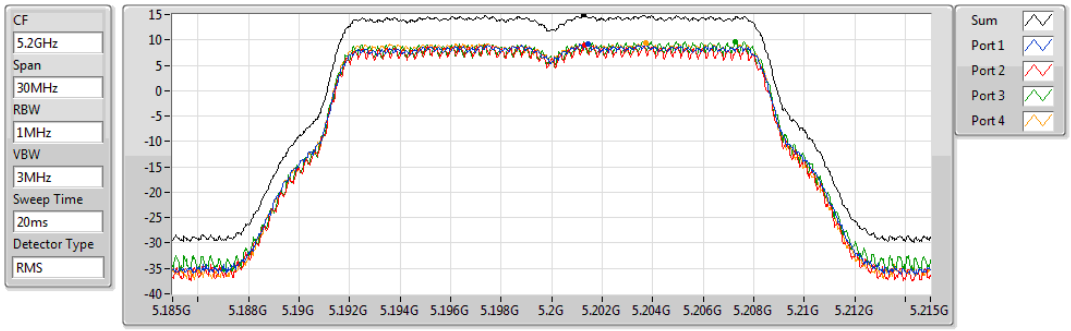
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.46	14.46	8.94	8.72	8.77	9.01

802.11a_Nss1,(6Mbps)_4TX PSD

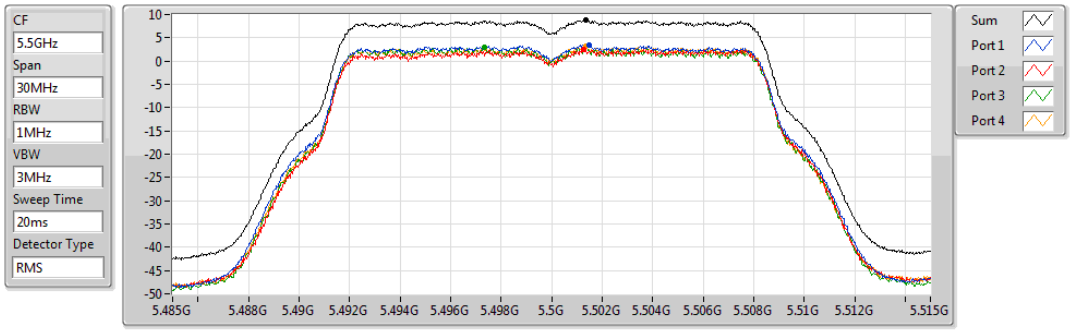
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.95	14.95	9.21	9.02	9.67	9.32

802.11a_Nss1,(6Mbps)_4TX PSD

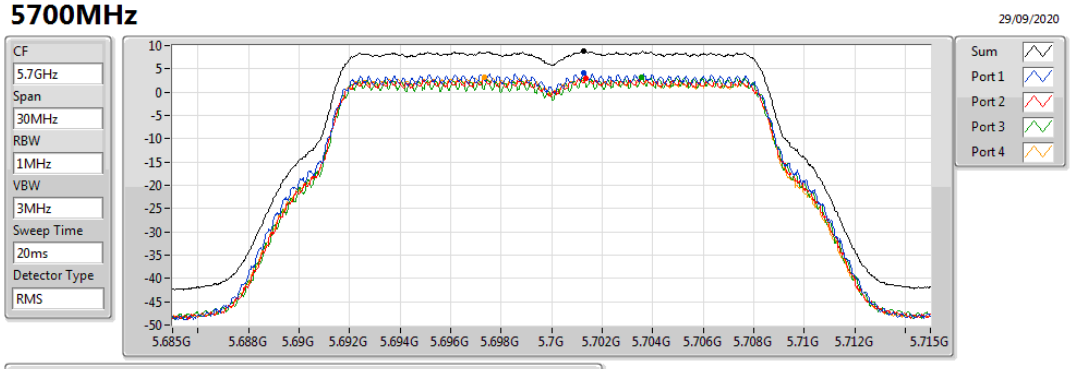
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.86	8.86	3.39	2.58	2.98	3.21

802.11a_Nss1,(6Mbps)_4TX PSD

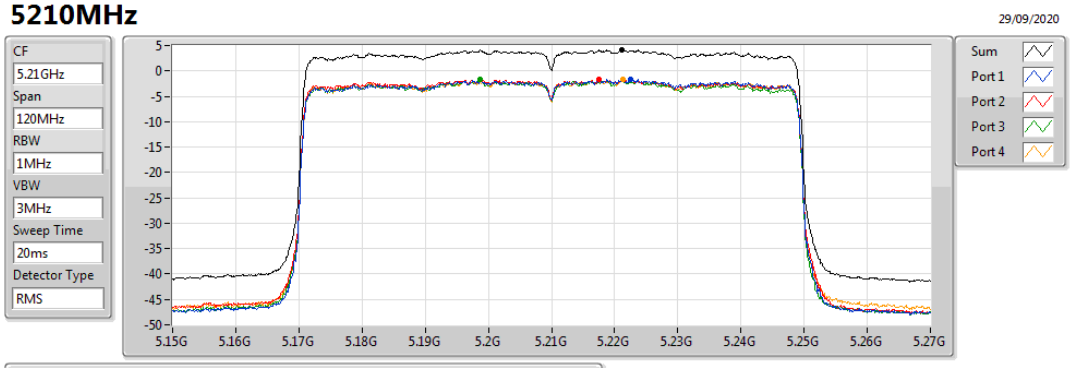
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.84	8.84	4.04	3.06	3.15	3.11

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)
4.17	4.17	-1.67	-1.67	-1.75	-1.65

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW80_Nss4,(MCS0)_4TX	5.29
5.725-5.85GHz	-
802.11ax HEW80_Nss4,(MCS0)_4TX	6.80

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

Result

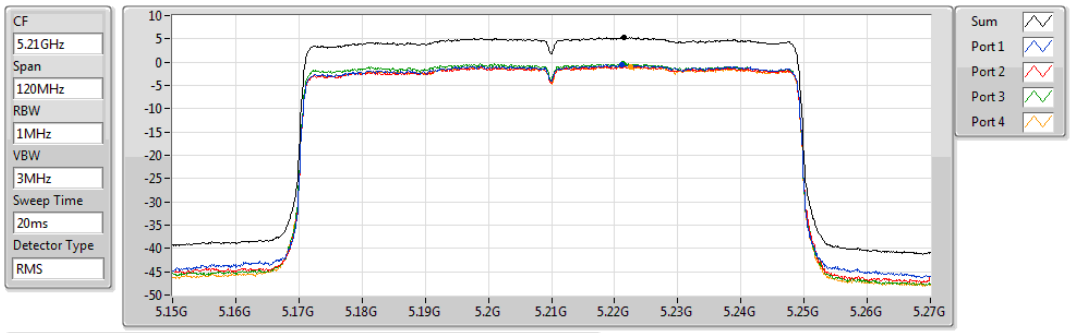
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	1.99	-0.63	-0.83	-0.37	-0.92	5.29	17.00	7.28	23.00
5775MHz	Pass	1.99	0.92	1.20	1.54	0.43	6.80	30.00	8.79	36.00

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

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5210MHz

29/07/2020

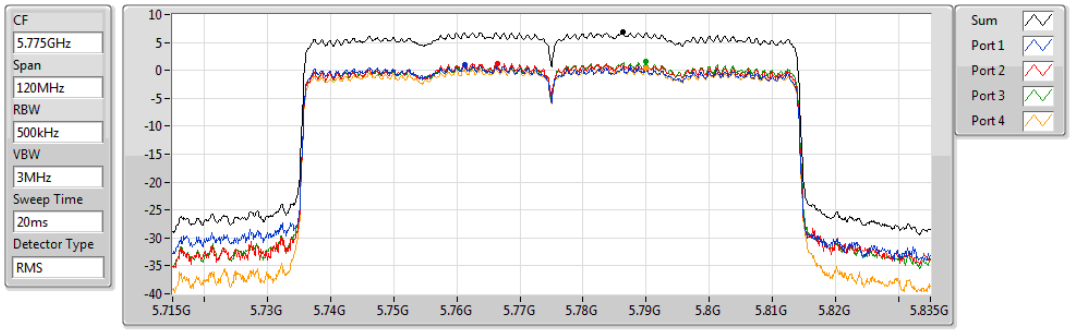


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.29	5.29	-0.63	-0.83	-0.37	-0.92

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5775MHz

29/09/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.80	6.80	0.92	1.20	1.54	0.43

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.09
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	11.36
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	5.86
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	1.87
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.18
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	5.43
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.60
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	2.13
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.28
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	5.87
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.70
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-0.18
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.67
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	10.08
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	7.19

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

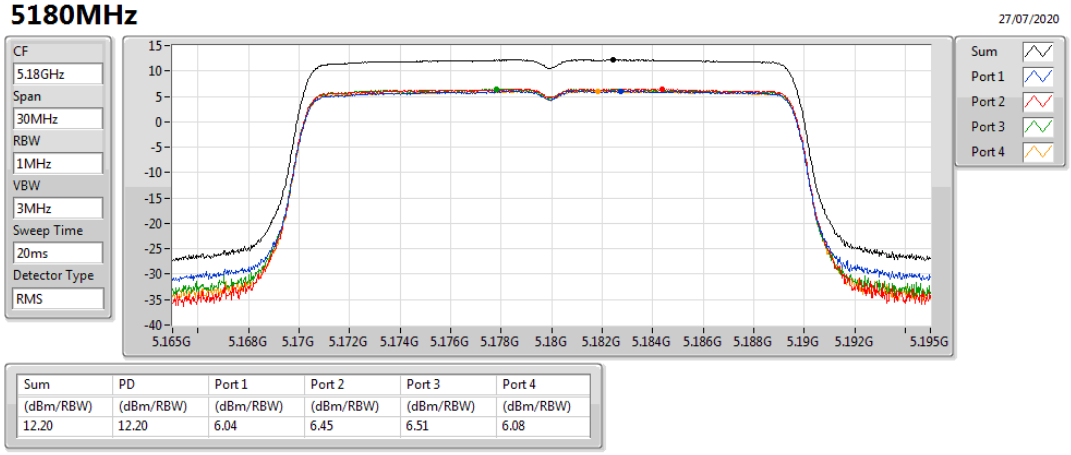
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.01	6.04	6.45	6.51	6.08	12.20	14.99
5200MHz	Pass	8.01	8.02	8.16	8.43	8.09	14.09	14.99
5240MHz	Pass	8.01	8.15	8.02	8.43	7.87	14.04	14.99
5260MHz	Pass	8.01	2.14	2.20	2.47	2.20	8.18	8.99
5300MHz	Pass	8.01	1.95	2.00	2.30	2.13	8.03	8.99
5320MHz	Pass	8.01	1.99	2.22	2.47	2.12	8.09	8.99
5500MHz	Pass	8.01	2.33	2.36	2.24	2.17	8.18	8.99
5580MHz	Pass	8.01	1.86	2.37	2.25	2.12	8.09	8.99
5700MHz	Pass	8.01	2.04	2.07	2.23	1.93	7.95	8.99
5720MHz Straddle 5.47-5.725GHz	Pass	8.01	2.53	2.38	2.55	2.25	8.28	8.99
5720MHz Straddle 5.725-5.85GHz	Pass	8.01	0.67	0.76	0.88	0.53	6.56	27.99
5745MHz	Pass	8.01	6.50	6.91	6.82	6.41	12.59	27.99
5785MHz	Pass	8.01	6.63	7.17	6.93	6.26	12.67	27.99
5825MHz	Pass	8.01	6.49	6.84	6.71	6.00	12.48	27.99
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.01	1.52	1.86	1.72	1.66	7.66	14.99
5230MHz	Pass	8.01	5.52	5.38	5.67	5.13	11.36	14.99
5270MHz	Pass	8.01	-0.60	-0.39	-0.26	-0.64	5.43	8.99
5310MHz	Pass	8.01	-0.80	-0.43	-0.32	-0.68	5.35	8.99
5510MHz	Pass	8.01	-0.34	-0.67	-0.43	-0.85	5.26	8.99
5550MHz	Pass	8.01	-0.25	-0.31	-0.52	-0.70	5.37	8.99
5670MHz	Pass	8.01	-0.73	-0.34	-0.57	-0.77	5.22	8.99
5710MHz Straddle 5.47-5.725GHz	Pass	8.01	-0.16	0.49	0.04	-0.35	5.87	8.99
5710MHz Straddle 5.725-5.85GHz	Pass	8.01	-2.27	-1.43	-2.05	-2.51	3.84	27.99
5755MHz	Pass	8.01	3.92	4.56	4.30	3.80	10.08	27.99
5795MHz	Pass	8.01	3.81	4.26	4.35	3.33	9.96	27.99
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.01	-0.20	-0.03	0.04	-0.26	5.86	14.99
5290MHz	Pass	8.01	-3.37	-3.43	-3.05	-3.10	2.60	8.99
5530MHz	Pass	8.01	-3.30	-3.09	-3.28	-3.64	2.57	8.99
5610MHz	Pass	8.01	-3.51	-3.00	-3.25	-3.60	2.45	8.99
5690MHz Straddle 5.47-5.725GHz	Pass	8.01	-3.23	-2.87	-3.01	-3.40	2.70	8.99
5690MHz Straddle 5.725-5.85GHz	Pass	8.01	-6.14	-5.26	-6.03	-6.48	-0.02	27.99
5775MHz	Pass	8.01	0.96	1.59	1.65	0.96	7.19	27.99
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.01	-4.09	-3.88	-3.97	-4.04	1.87	14.99
5250MHz Straddle 5.25-5.35GHz	Pass	8.01	-3.80	-3.75	-3.35	-3.82	2.13	8.99
5570MHz	Pass	8.01	-5.94	-5.91	-6.14	-6.20	-0.18	8.99

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

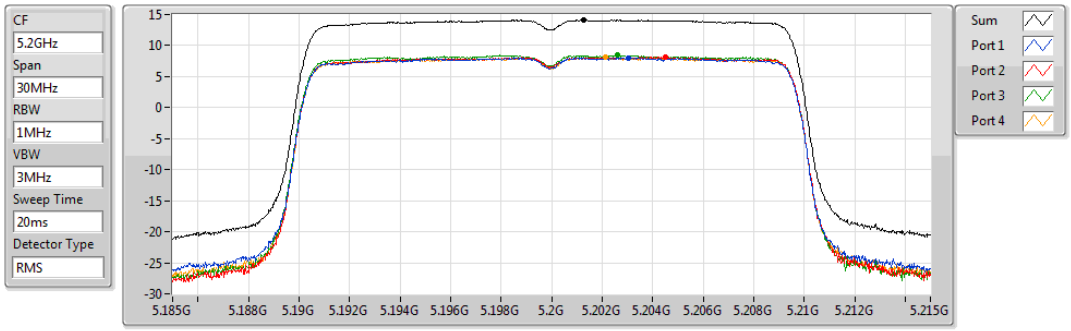
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.20	12.20	6.04	6.45	6.51	6.08

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

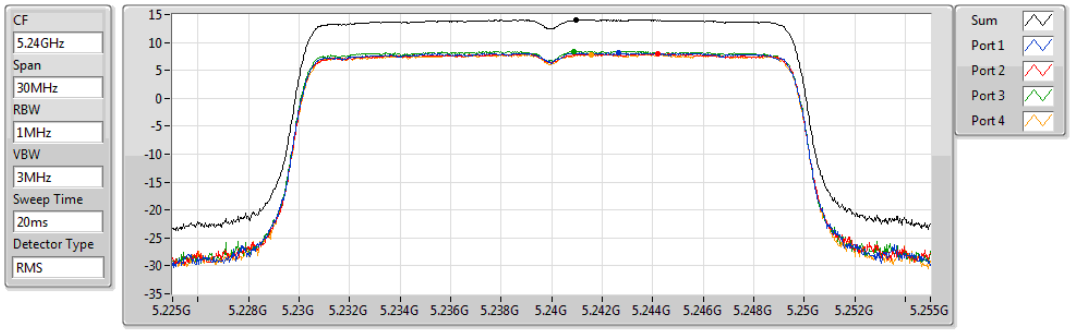
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.09	14.09	8.02	8.16	8.43	8.09

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

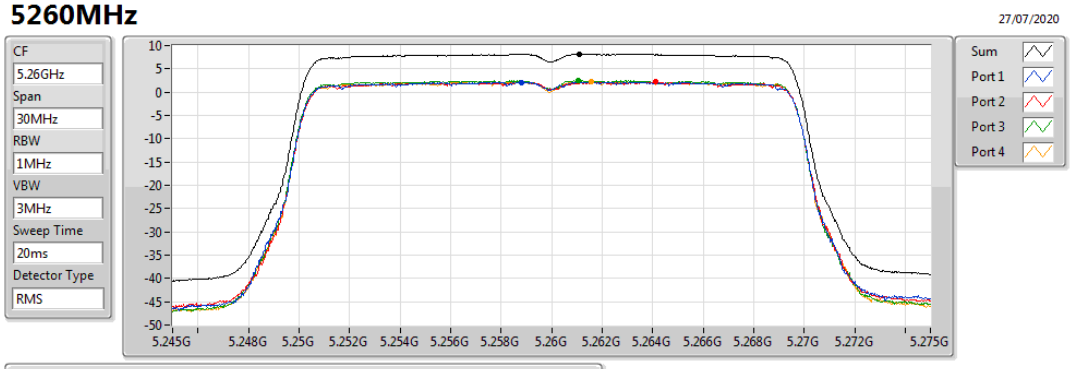
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.04	14.04	8.15	8.02	8.43	7.87

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

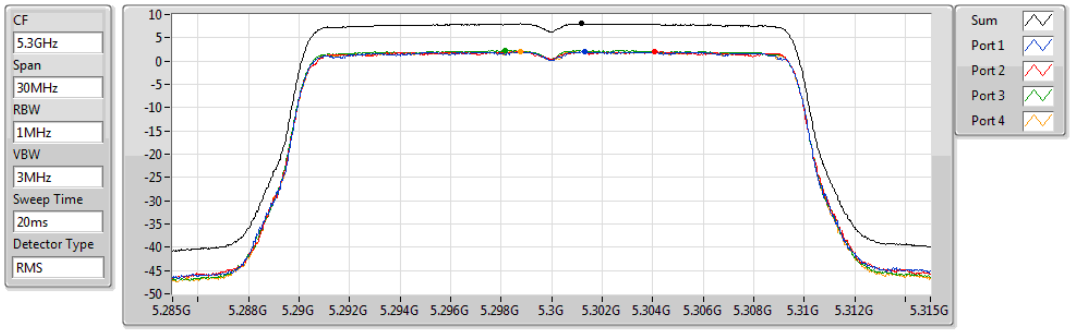
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.18	8.18	2.14	2.20	2.47	2.20

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

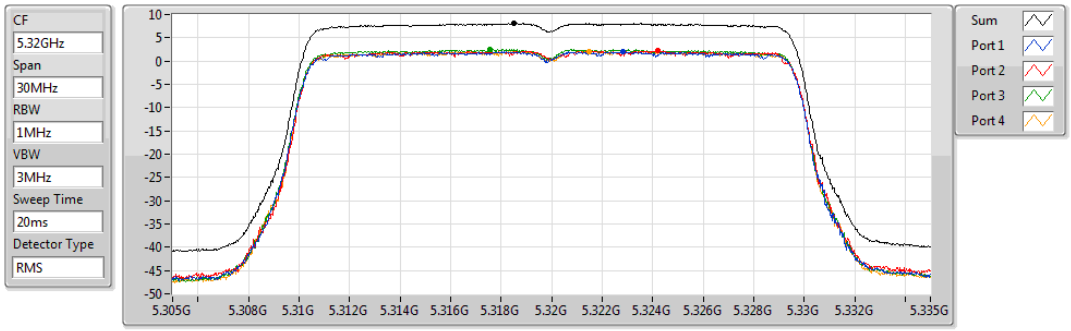
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.03	8.03	1.95	2.00	2.30	2.13

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

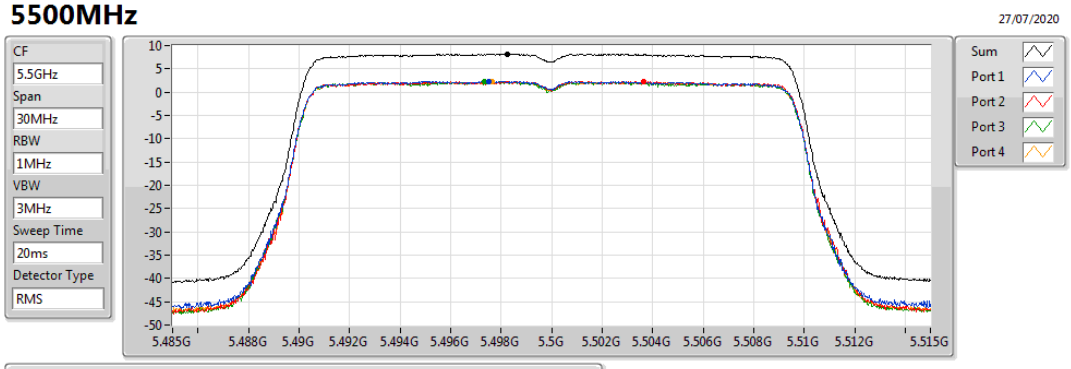
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.09	8.09	1.99	2.22	2.47	2.12

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

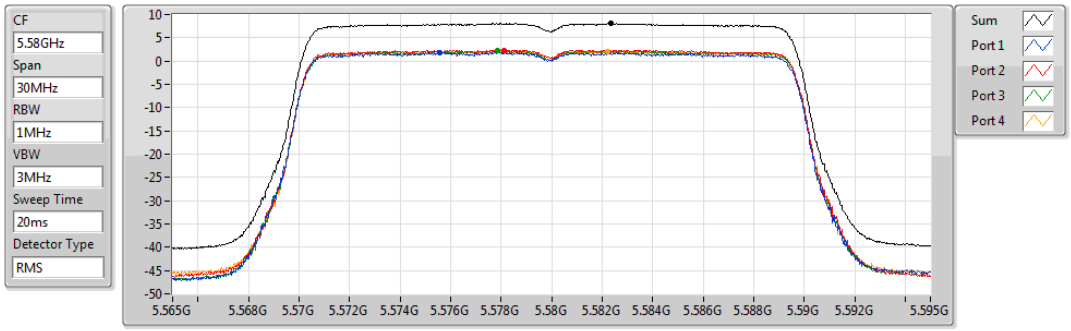
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.18	8.18	2.33	2.36	2.24	2.17

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

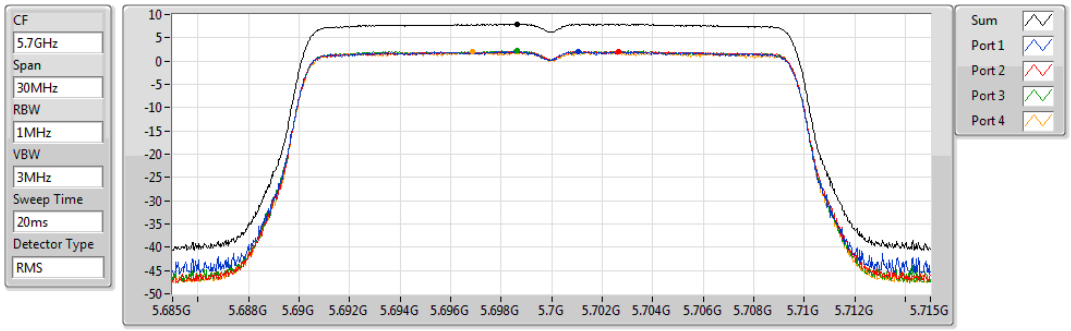
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.09	8.09	1.86	2.37	2.25	2.12

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

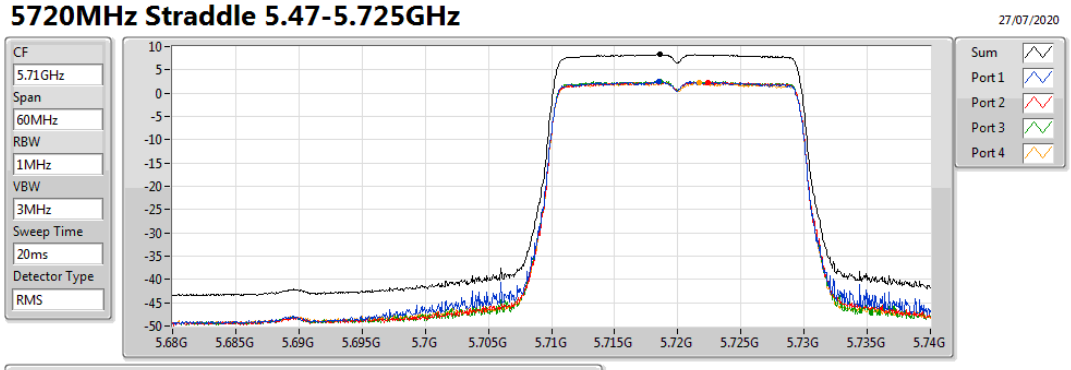
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.95	7.95	2.04	2.07	2.23	1.93

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

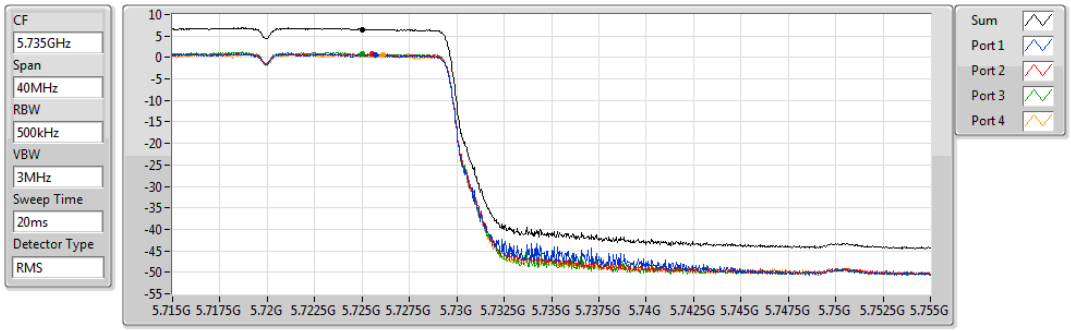
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.28	8.28	2.53	2.38	2.55	2.25

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

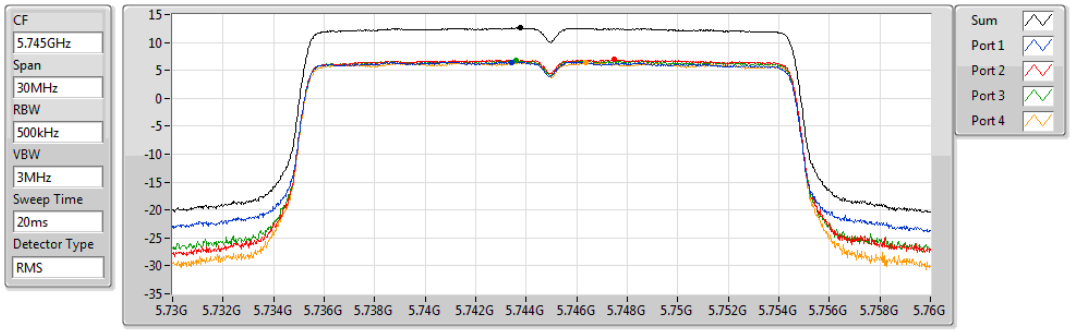
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.56	6.56	0.67	0.76	0.88	0.53

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

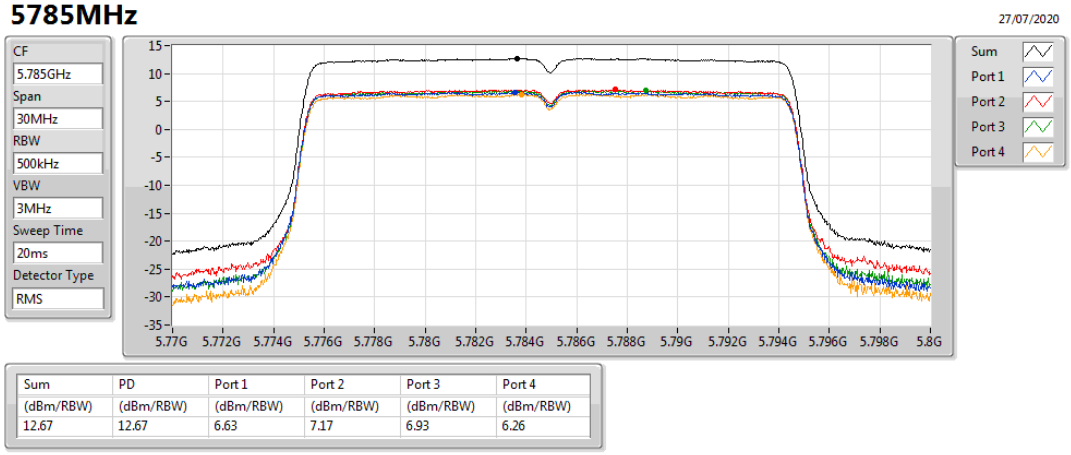
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.59	12.59	6.50	6.91	6.82	6.41

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

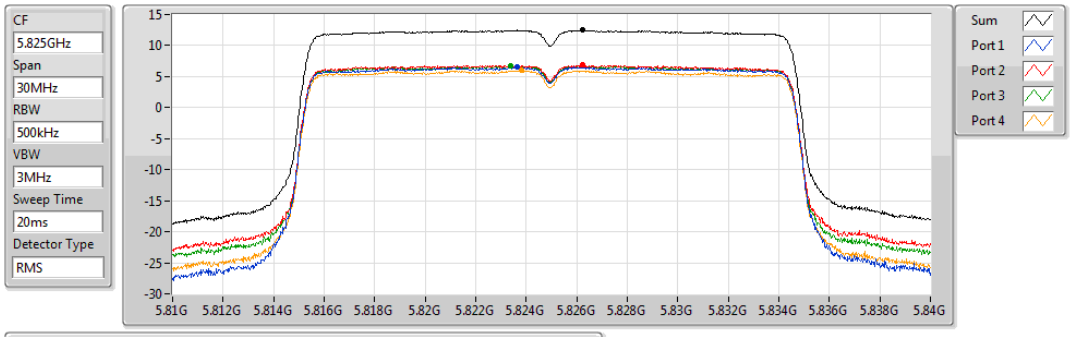
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.67	12.67	6.63	7.17	6.93	6.26

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

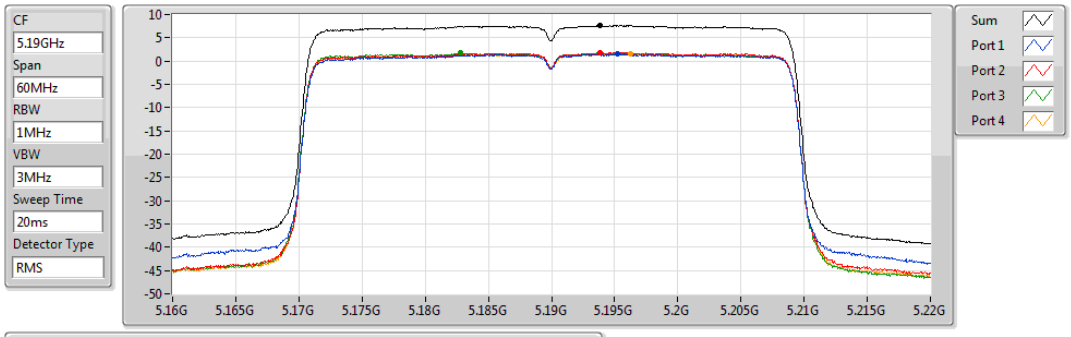
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.48	12.48	6.49	6.84	6.71	6.00

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

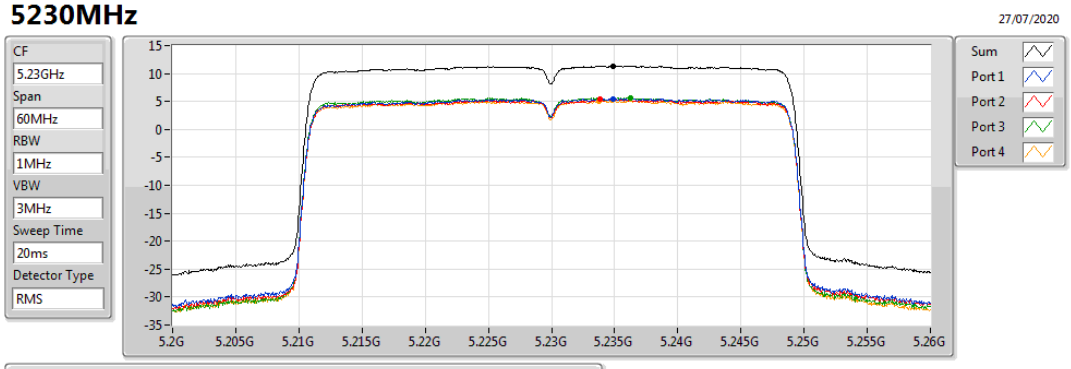
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.66	7.66	1.52	1.86	1.72	1.66

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

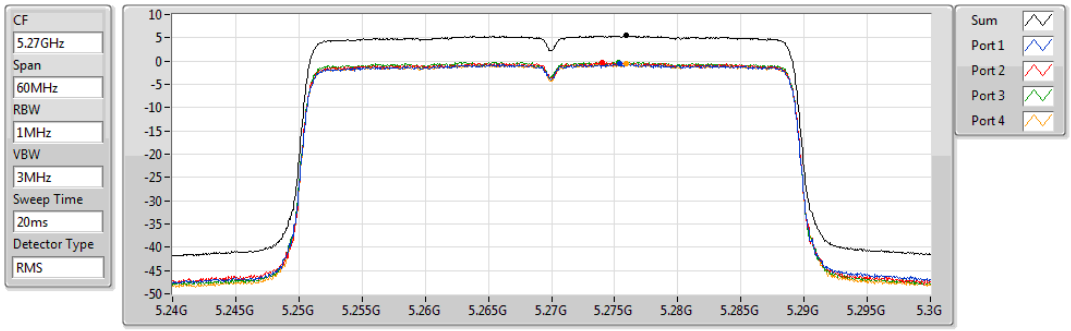
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.36	11.36	5.52	5.38	5.67	5.13

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

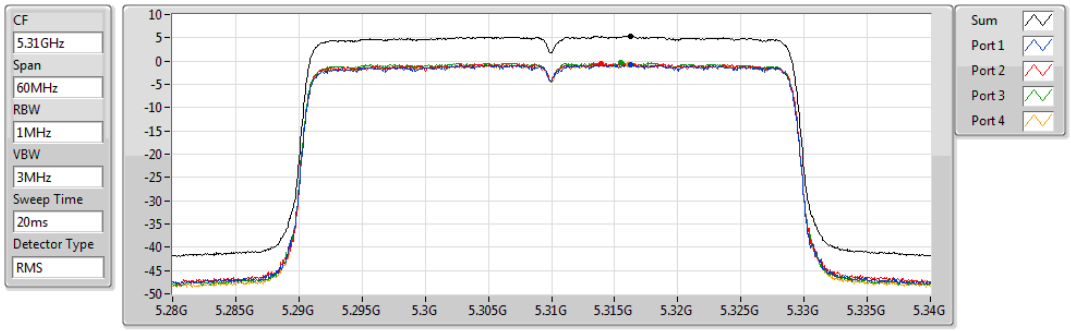
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.43	5.43	-0.60	-0.39	-0.26	-0.64

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

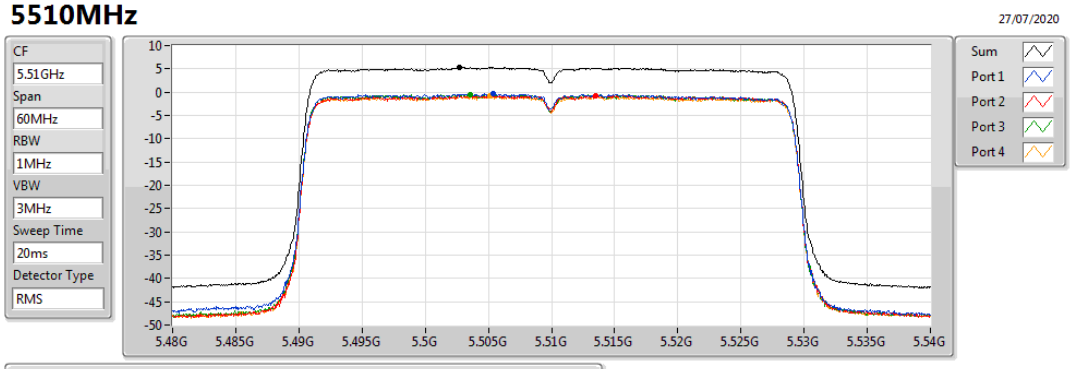
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.35	5.35	-0.80	-0.43	-0.32	-0.68

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

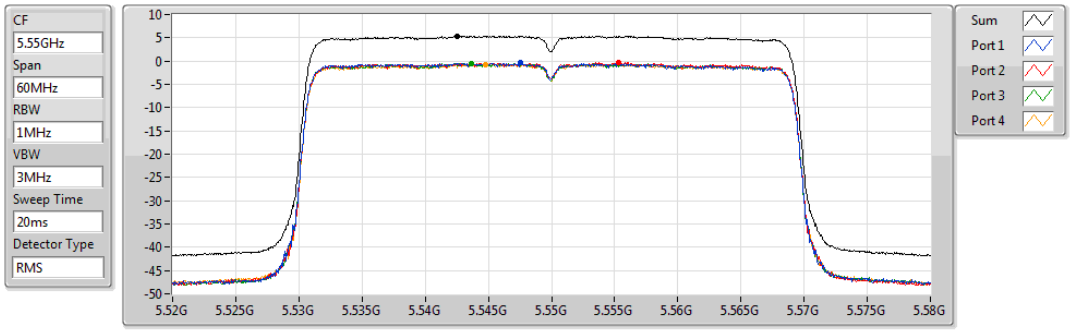
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.26	5.26	-0.34	-0.67	-0.43	-0.85

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

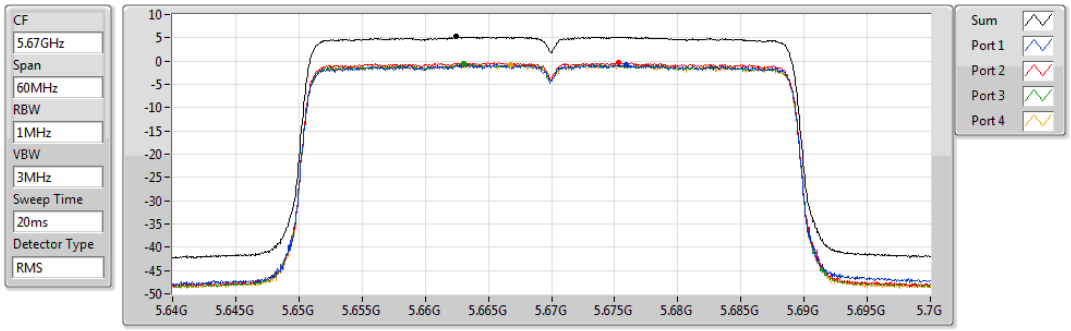
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.37	5.37	-0.25	-0.31	-0.52	-0.70

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

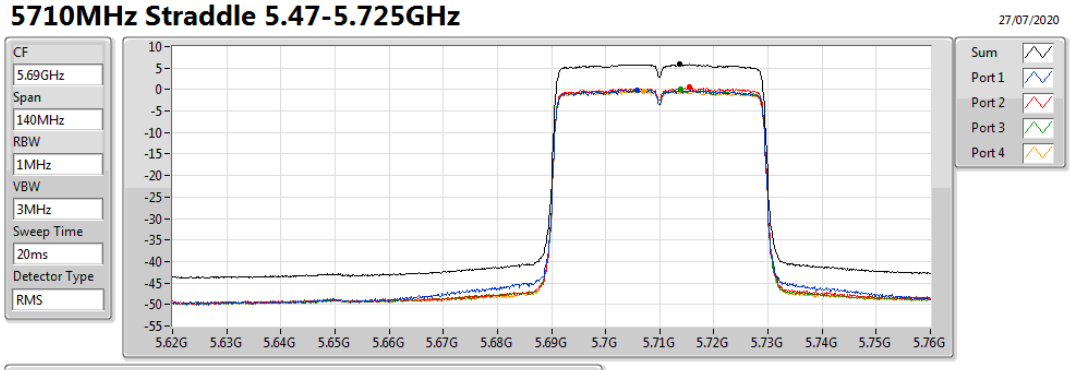
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.22	5.22	-0.73	-0.34	-0.57	-0.77

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

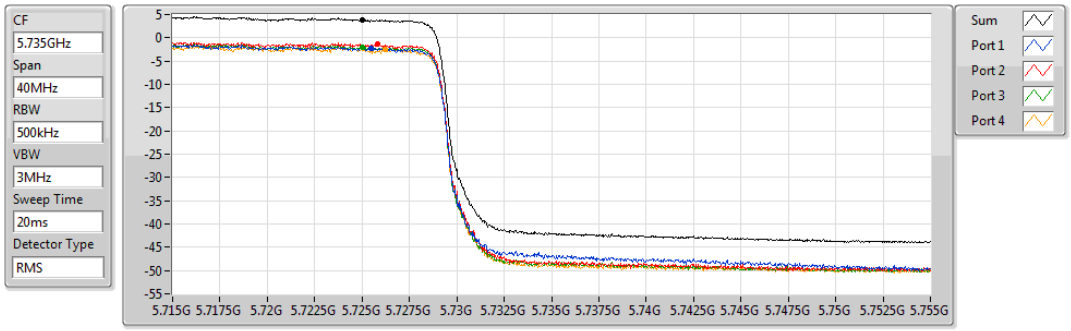
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.87	5.87	-0.16	0.49	0.04	-0.35

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

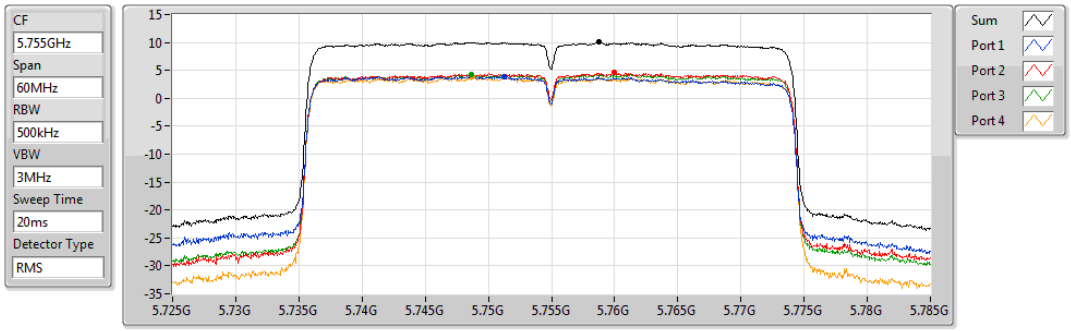
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.84	3.84	-2.27	-1.43	-2.05	-2.51

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

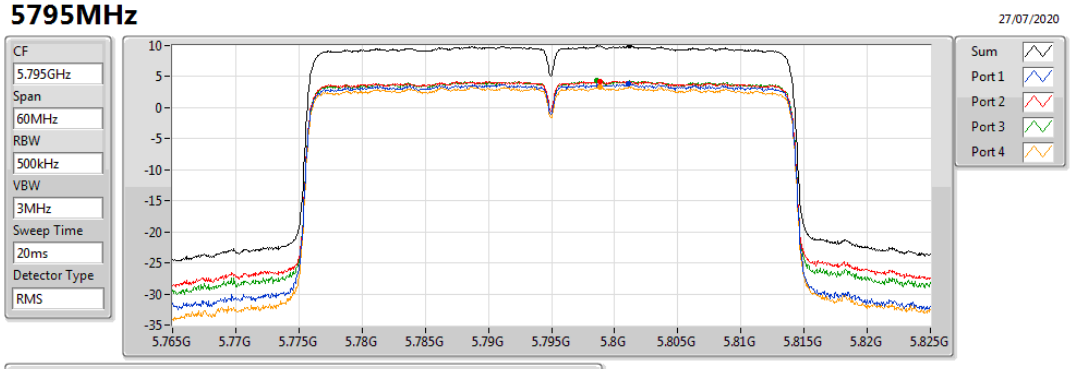
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.08	10.08	3.92	4.56	4.30	3.80

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

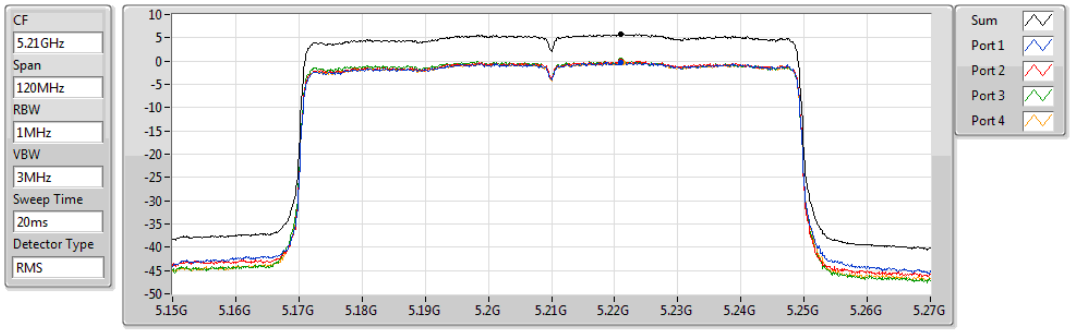
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.96	9.96	3.81	4.26	4.35	3.33

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

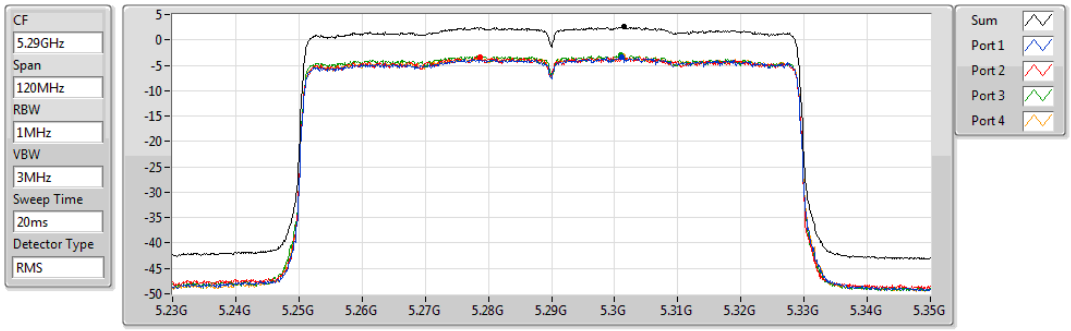
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.86	5.86	-0.20	-0.03	0.04	-0.26

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

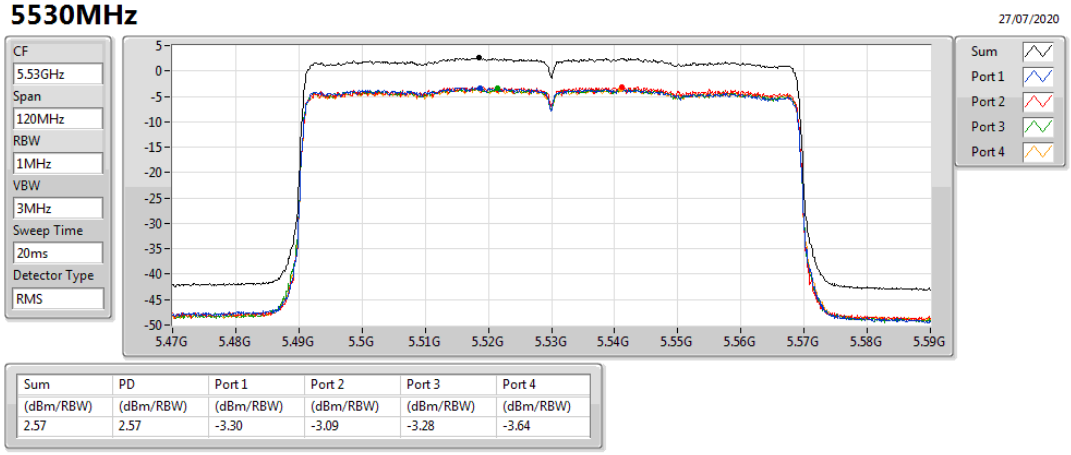
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.60	2.60	-3.37	-3.43	-3.05	-3.10

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

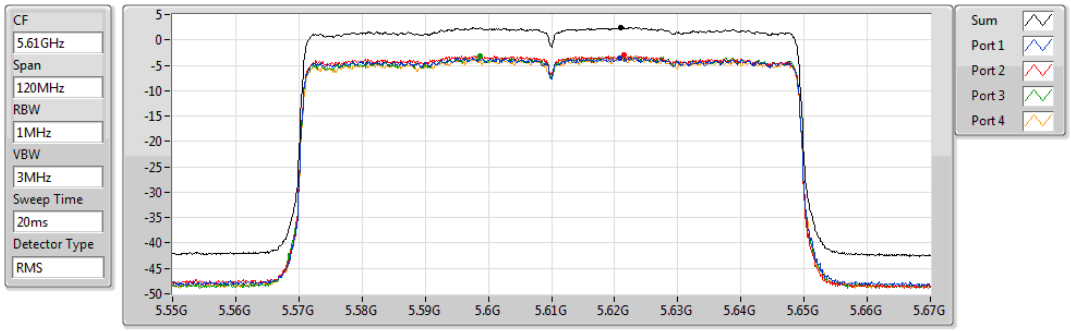
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.57	2.57	-3.30	-3.09	-3.28	-3.64

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

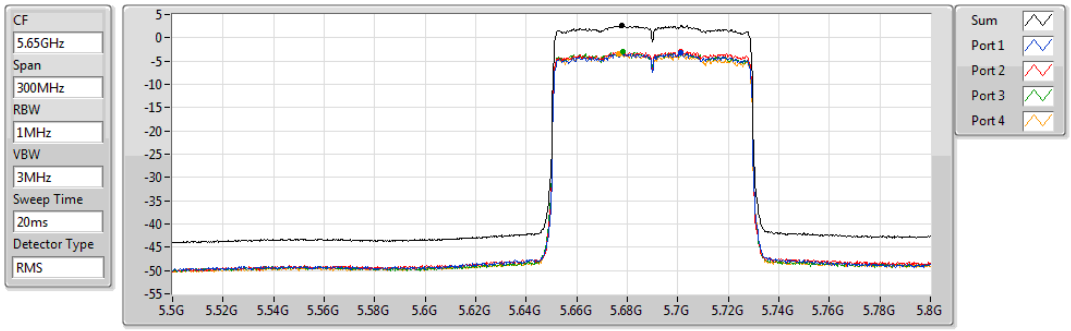
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.45	2.45	-3.51	-3.00	-3.25	-3.60

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

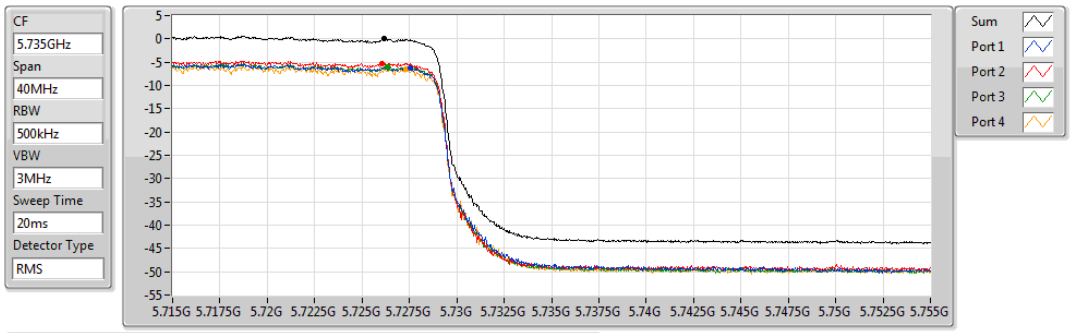


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.70	2.70	-3.23	-2.87	-3.01	-3.40

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

27/07/2020

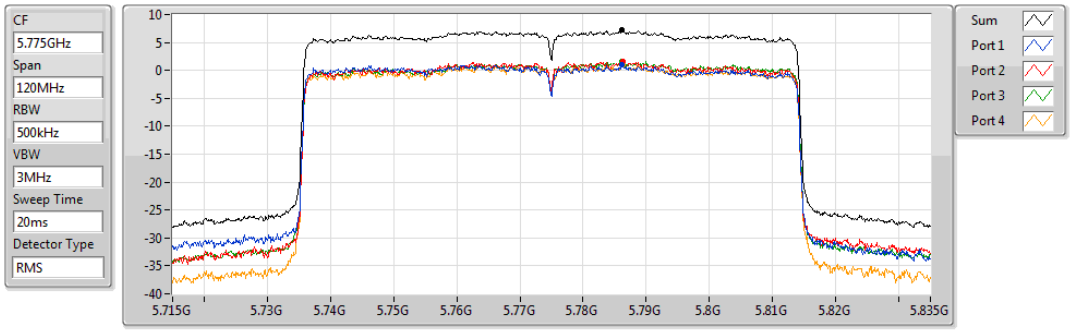


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.02	-0.02	-6.14	-5.26	-6.03	-6.48

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5775MHz

29/09/2020

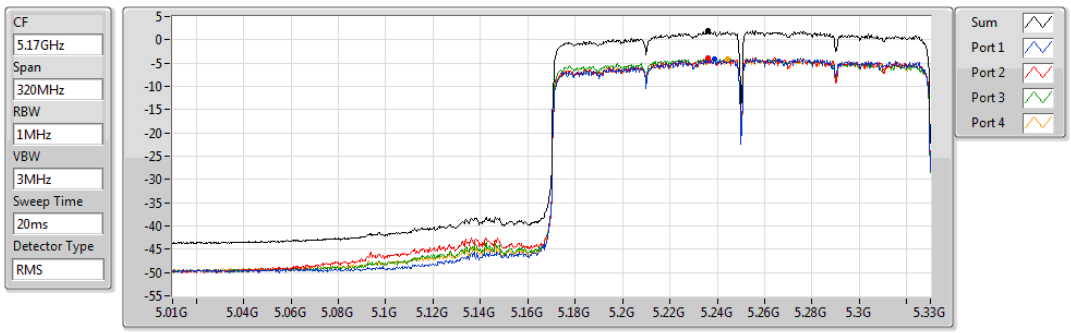


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.19	7.19	0.96	1.59	1.65	0.96

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.15-5.25GHz

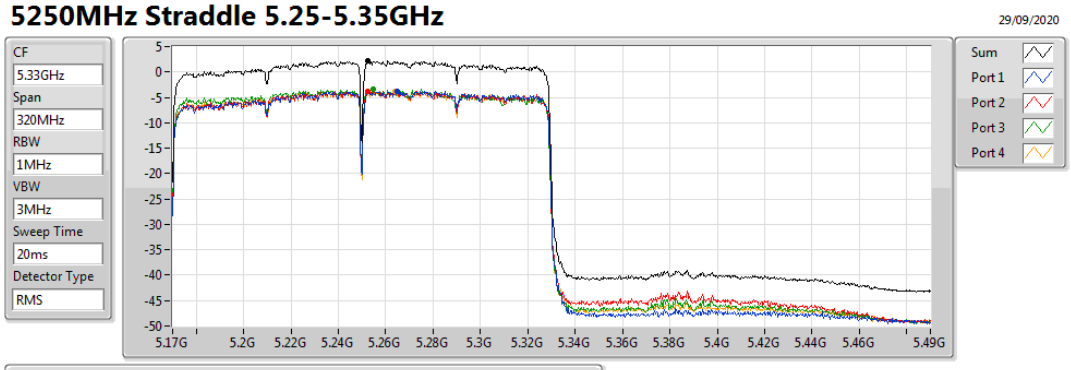
29/09/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.87	1.87	-4.09	-3.88	-3.97	-4.04

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

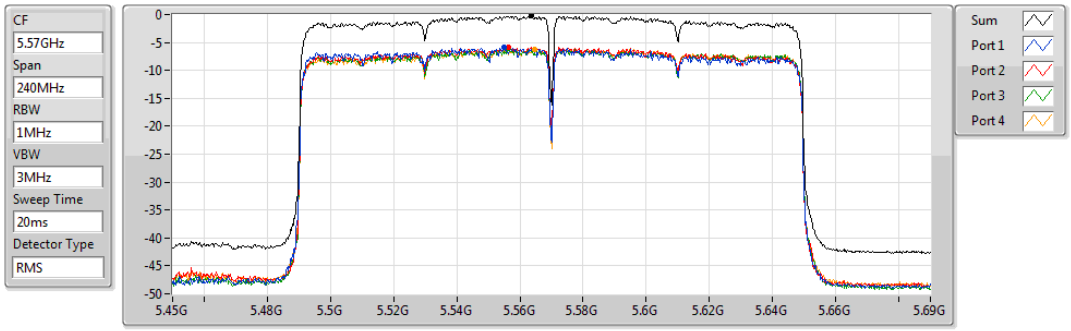
5250MHz Straddle 5.25-5.35GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.13	2.13	-3.80	-3.75	-3.35	-3.82

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5570MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.18	-0.18	-5.94	-5.91	-6.14	-6.20

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	10.65
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	8.08
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	5.24
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	10.65
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	7.84
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	5.04
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	2.02
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	15.13
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	11.98
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	7.25

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

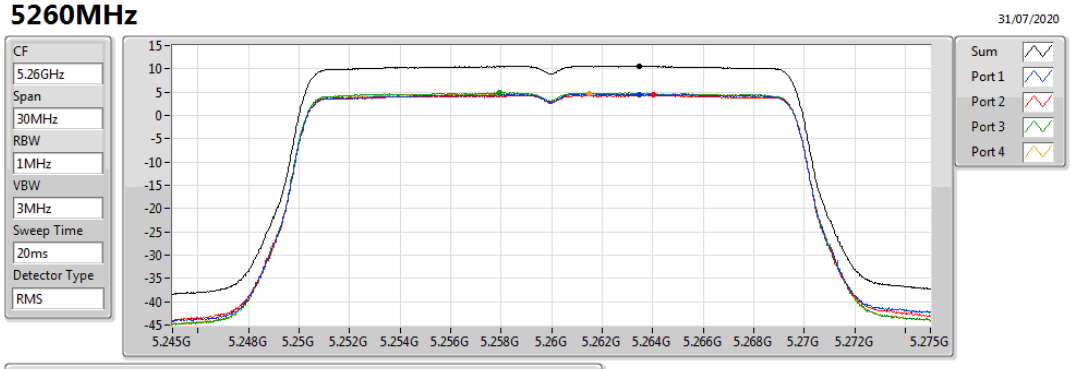
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.00	4.53	4.36	4.90	4.76	10.56	11.00
5300MHz	Pass	5.00	4.67	4.53	4.88	4.83	10.65	11.00
5320MHz	Pass	5.00	4.42	4.60	4.76	4.82	10.58	11.00
5500MHz	Pass	5.00	4.42	4.38	4.63	4.60	10.46	11.00
5580MHz	Pass	5.00	4.38	4.72	4.84	4.89	10.65	11.00
5700MHz	Pass	5.00	4.61	4.22	4.48	4.39	10.29	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	4.66	4.28	4.57	4.51	10.41	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	2.94	2.67	2.57	2.55	8.59	30.00
5745MHz	Pass	5.00	9.01	9.17	9.37	9.13	15.13	30.00
5785MHz	Pass	5.00	9.17	8.92	9.21	8.78	15.00	30.00
5825MHz	Pass	5.00	8.96	9.01	9.08	8.75	14.88	30.00
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.00	1.97	2.07	2.18	2.06	7.98	11.00
5310MHz	Pass	5.00	2.01	2.21	2.19	2.25	8.08	11.00
5510MHz	Pass	5.00	1.75	1.57	1.87	1.67	7.63	11.00
5550MHz	Pass	5.00	1.89	1.98	2.05	1.87	7.84	11.00
5670MHz	Pass	5.00	1.90	2.16	1.95	1.76	7.82	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.00	1.89	2.13	1.89	1.84	7.80	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.00	-0.34	0.01	-0.68	-0.80	5.52	30.00
5755MHz	Pass	5.00	5.48	5.35	5.80	5.01	11.33	30.00
5795MHz	Pass	5.00	6.34	6.30	6.12	5.55	11.98	30.00
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.00	-0.92	-0.63	-0.75	-0.46	5.24	11.00
5530MHz	Pass	5.00	-1.39	-1.16	-1.09	-1.33	4.73	11.00
5610MHz	Pass	5.00	-0.90	-0.86	-0.81	-0.96	5.04	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.00	-1.09	-1.18	-0.92	-1.22	4.78	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.00	-4.12	-3.71	-4.23	-4.52	1.74	30.00
5775MHz	Pass	5.00	1.01	1.75	1.71	1.15	7.25	30.00
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.00	-3.98	-3.92	-3.92	-3.89	2.02	11.00

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

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

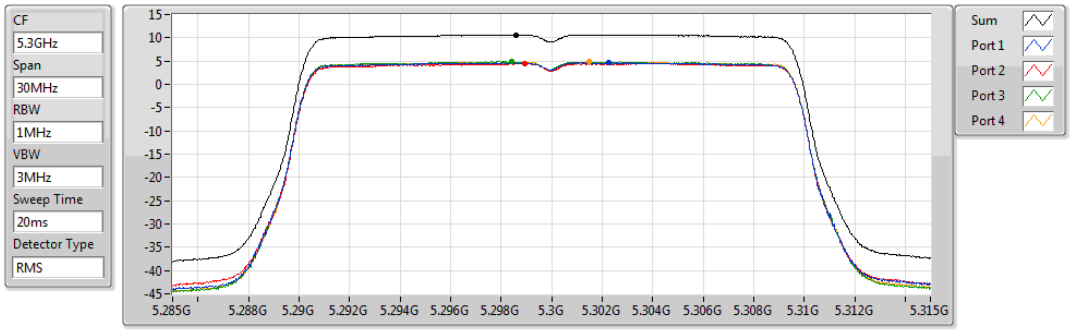
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.56	10.56	4.53	4.36	4.90	4.76

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

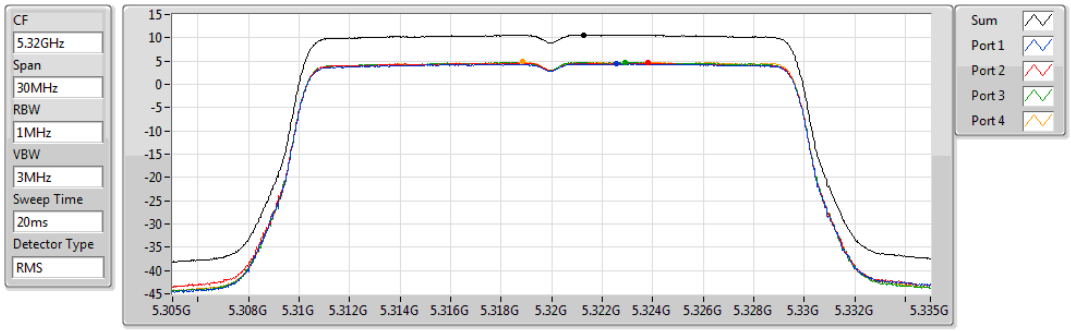
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.65	10.65	4.67	4.53	4.88	4.83

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

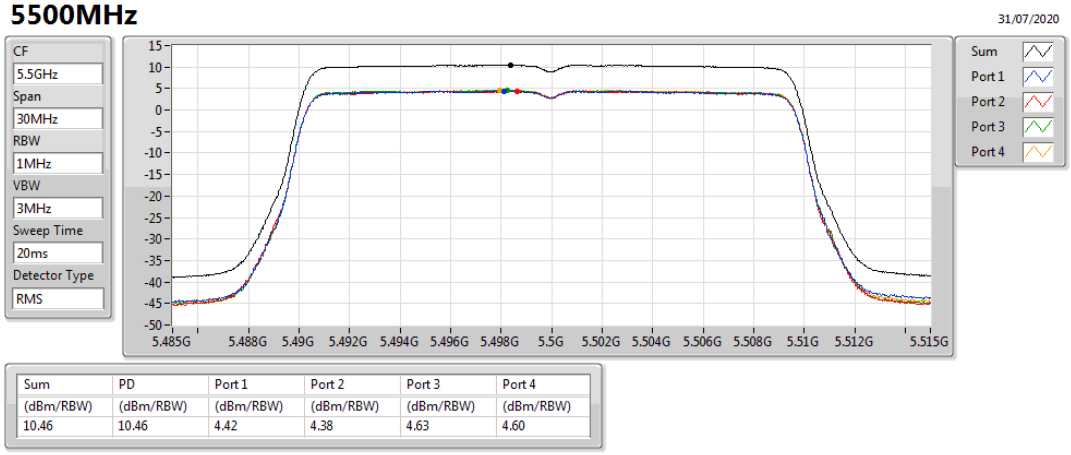
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.58	10.58	4.42	4.60	4.76	4.82

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

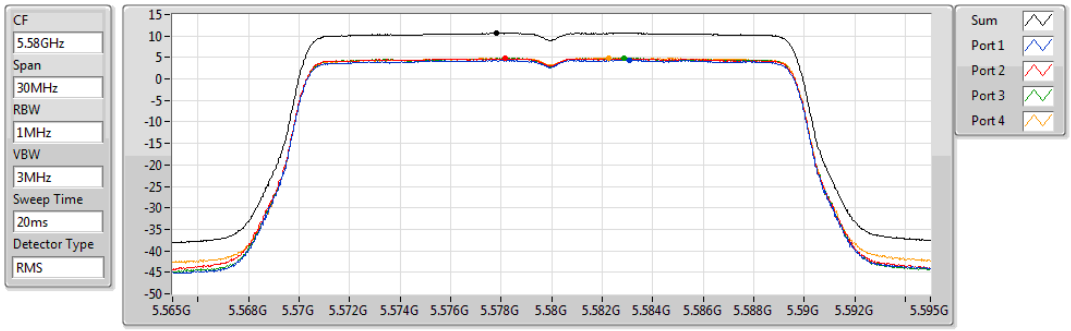
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.46	10.46	4.42	4.38	4.63	4.60

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

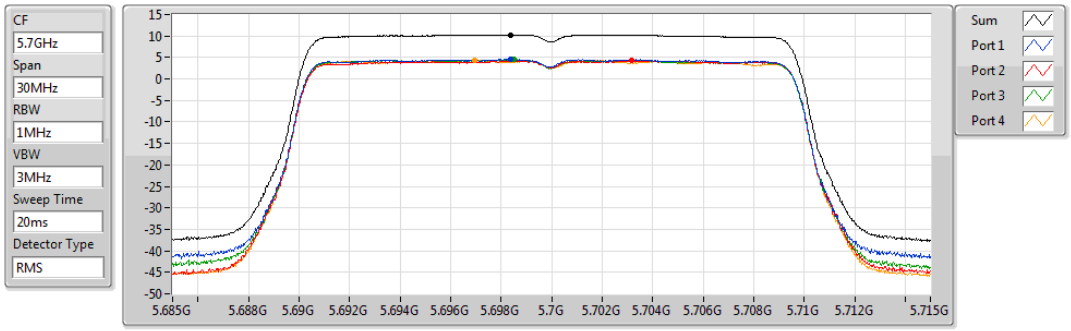
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.65	10.65	4.38	4.72	4.84	4.89

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

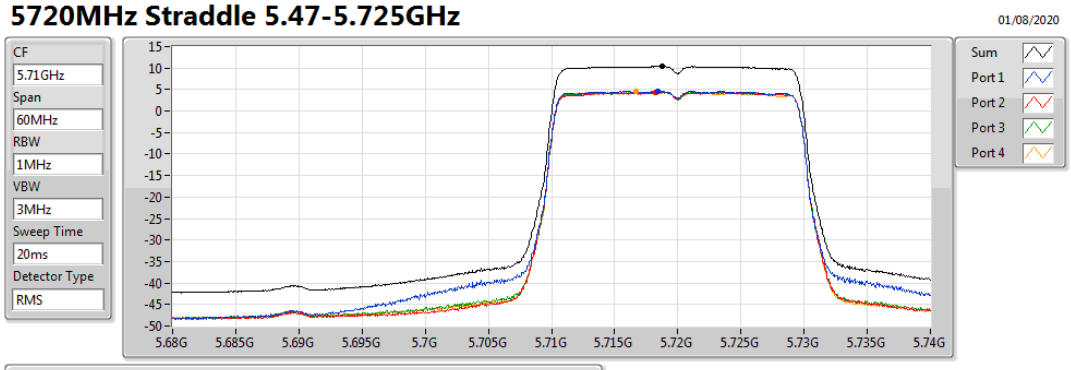
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.29	10.29	4.61	4.22	4.48	4.39

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

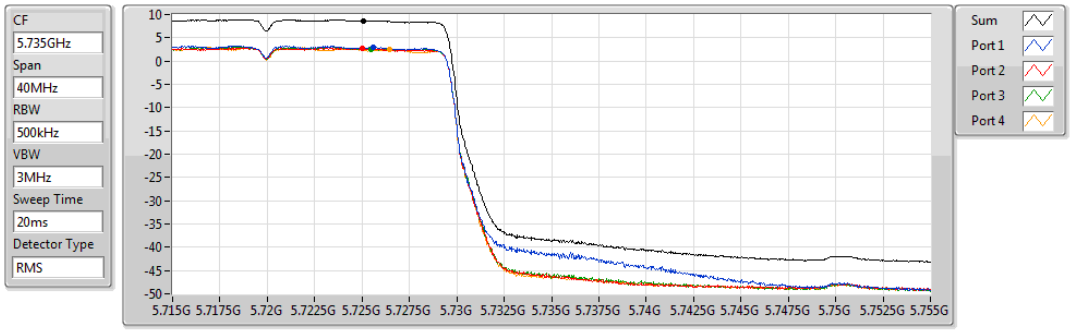
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.41	10.41	4.66	4.28	4.57	4.51

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

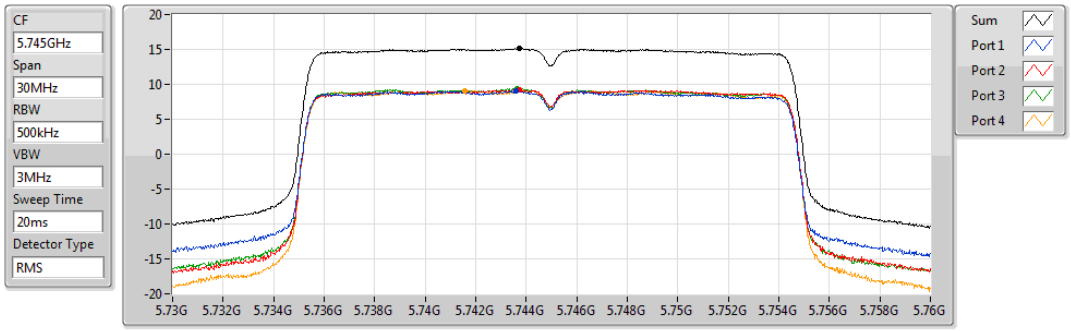
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.59	8.59	2.94	2.67	2.57	2.55

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

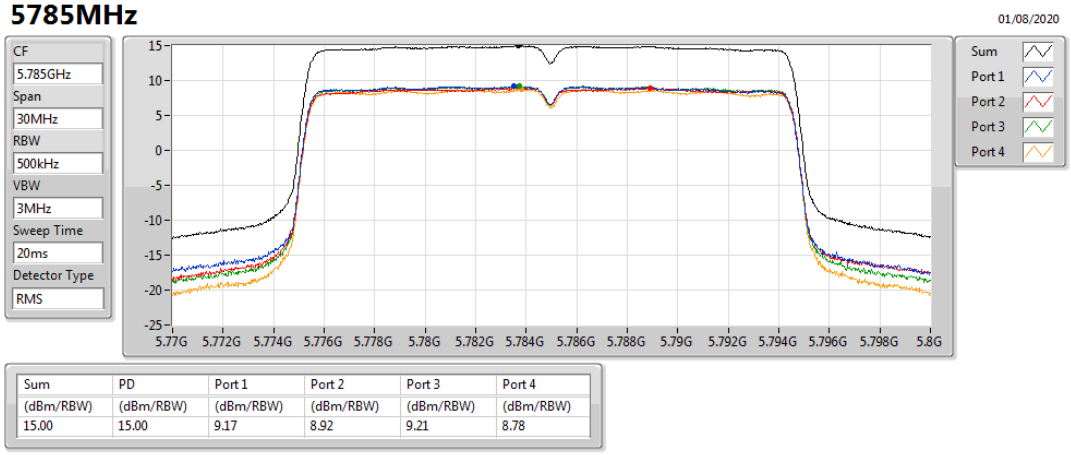
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.13	15.13	9.01	9.17	9.37	9.13

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

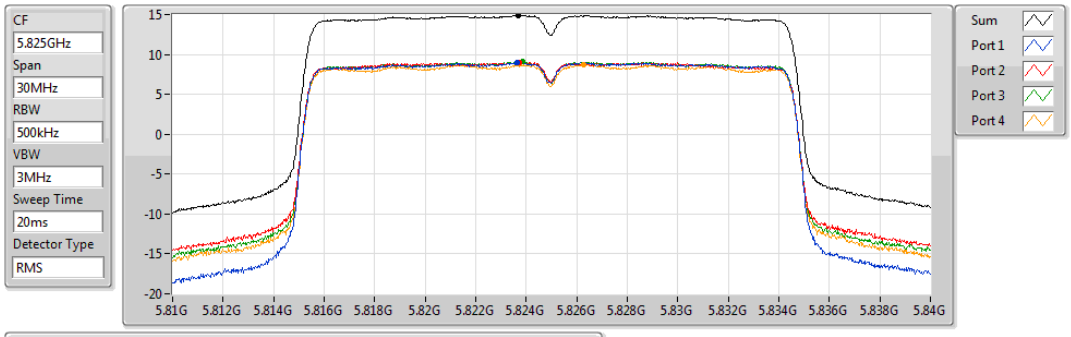
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.00	15.00	9.17	8.92	9.21	8.78

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

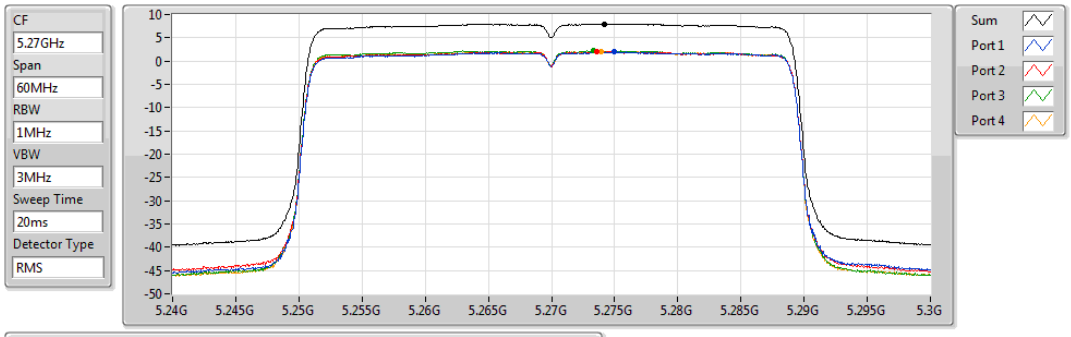
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.88	14.88	8.96	9.01	9.08	8.75

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

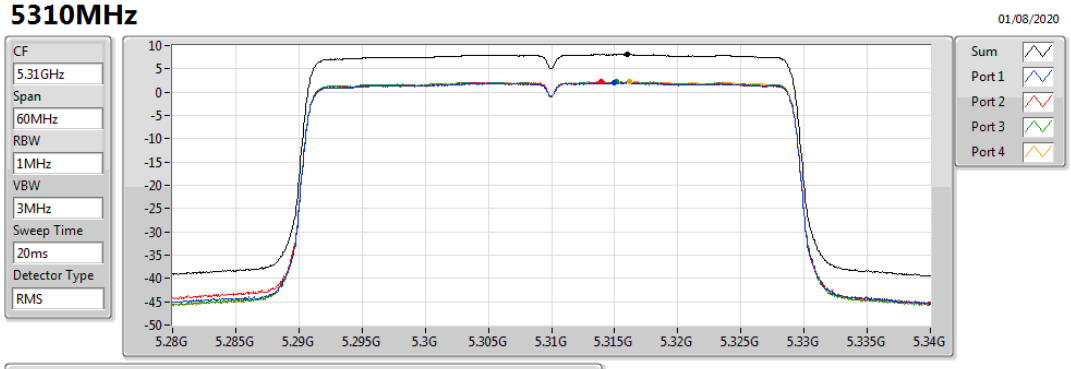
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.98	7.98	1.97	2.07	2.18	2.06

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

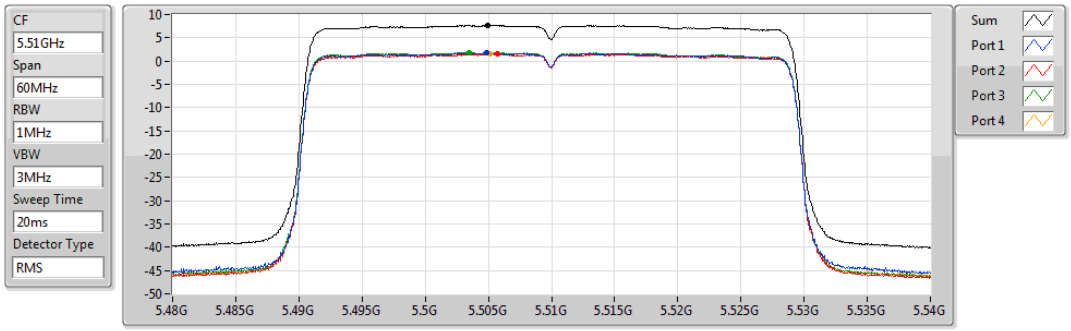
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.08	8.08	2.01	2.21	2.19	2.25

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

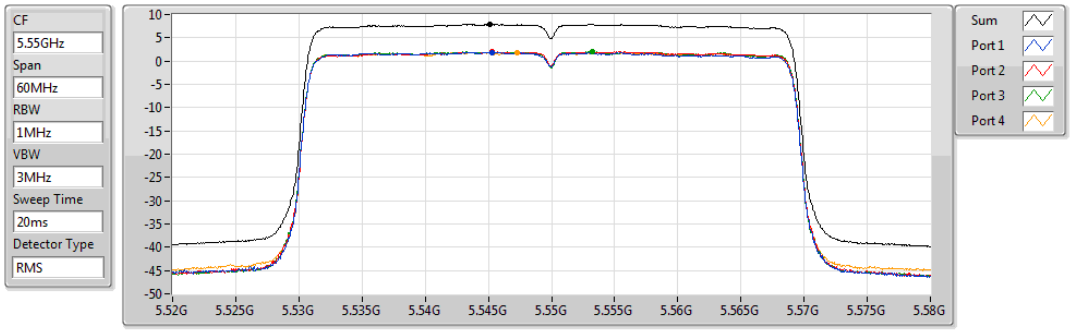
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.63	7.63	1.75	1.57	1.87	1.67

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

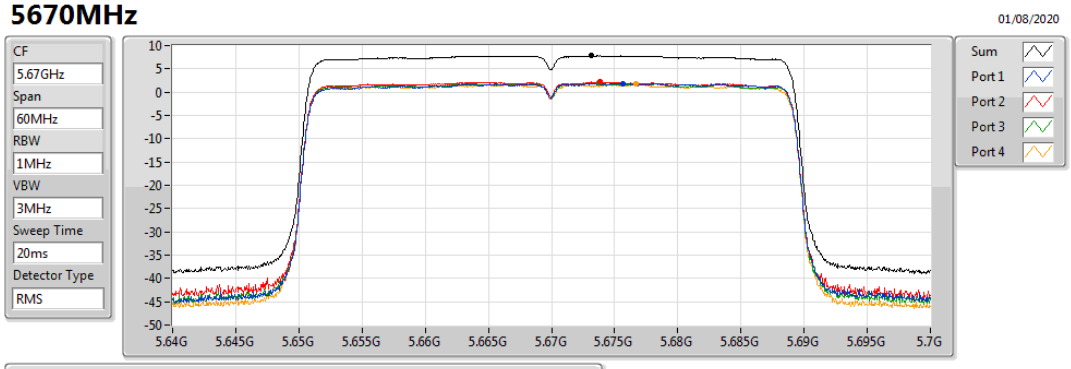
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.84	7.84	1.89	1.98	2.05	1.87

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

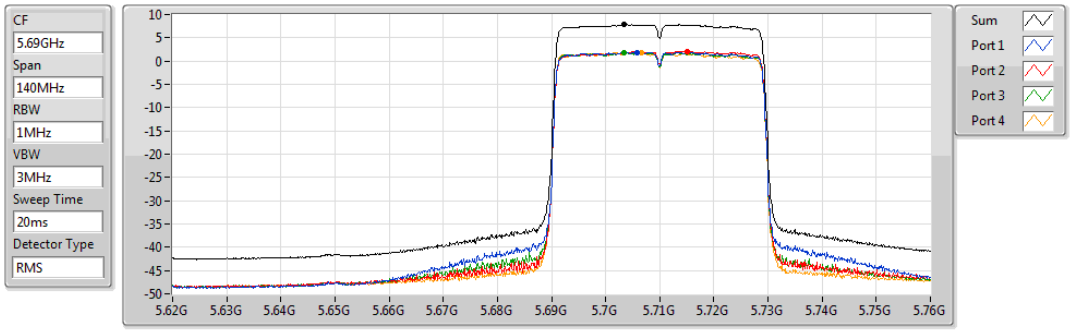
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.82	7.82	1.90	2.16	1.95	1.76

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

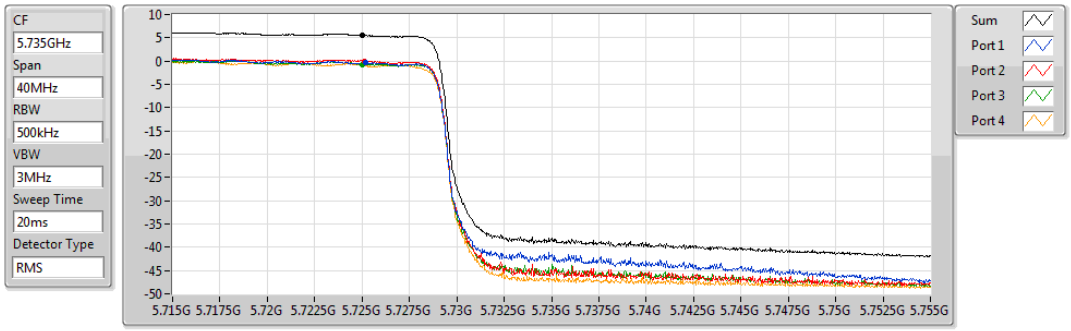
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.80	7.80	1.89	2.13	1.89	1.84

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

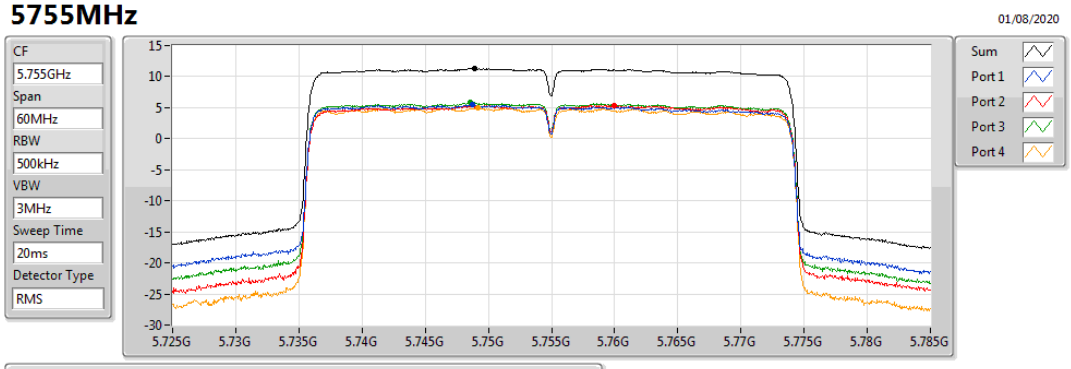
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.52	5.52	-0.34	0.01	-0.68	-0.80

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

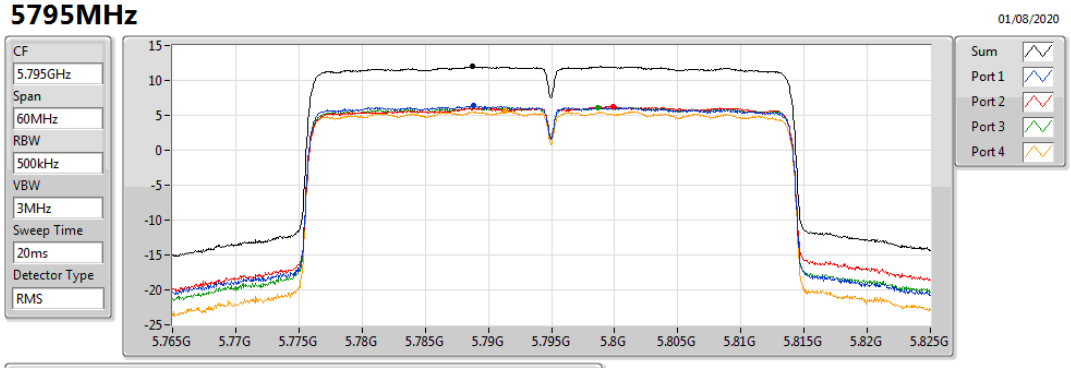
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.33	11.33	5.48	5.35	5.80	5.01

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

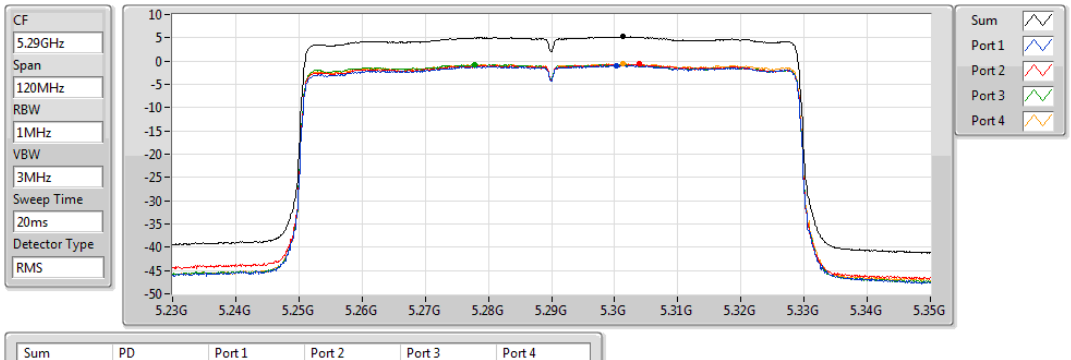
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.98	11.98	6.34	6.30	6.12	5.55

802.11ax HEW80-BF_Nss2,(MCS0)_4TX PSD

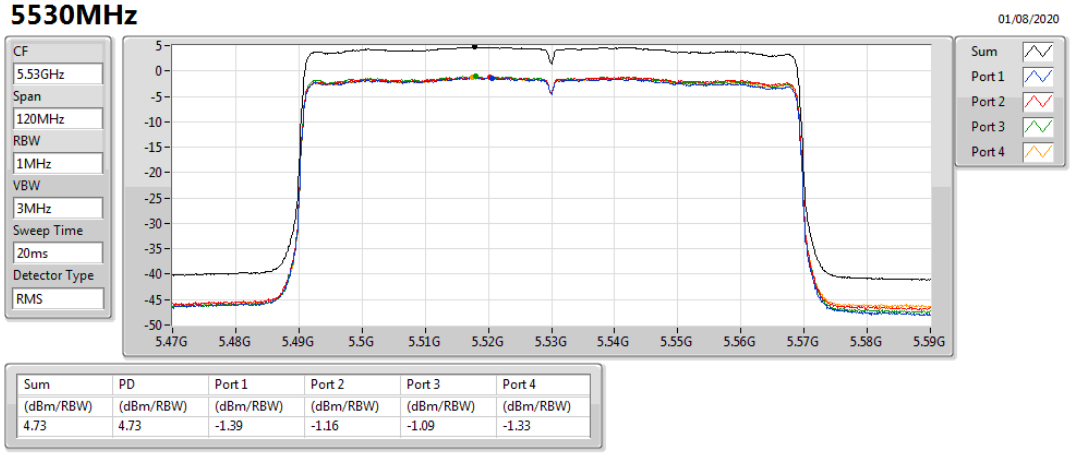
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.24	5.24	-0.92	-0.63	-0.75	-0.46

802.11ax HEW80-BF_Nss2,(MCS0)_4TX PSD

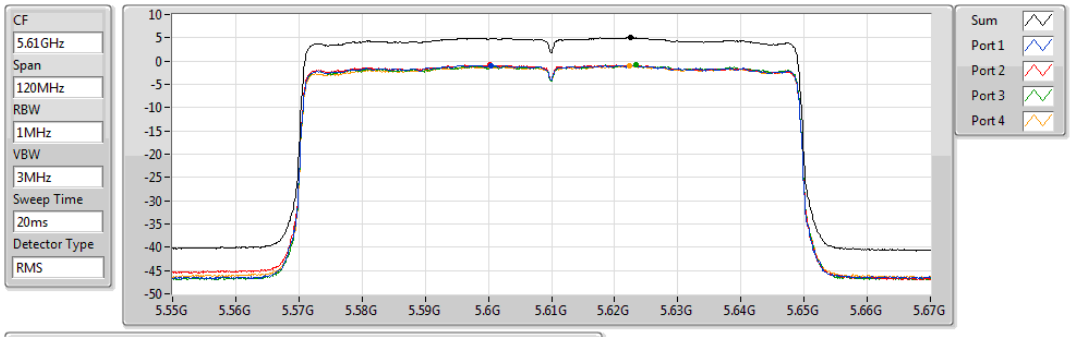
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.73	4.73	-1.39	-1.16	-1.09	-1.33

802.11ax HEW80-BF_Nss2,(MCS0)_4TX PSD

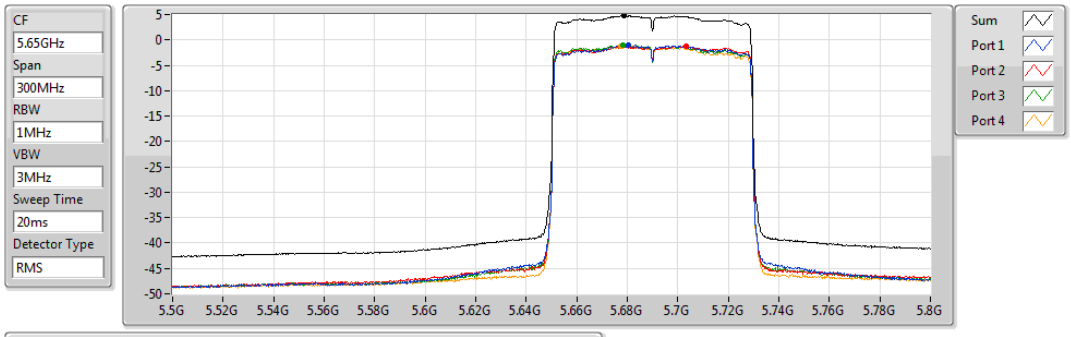
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.04	5.04	-0.90	-0.86	-0.81	-0.96

802.11ax HEW80-BF_Nss2,(MCS0)_4TX PSD

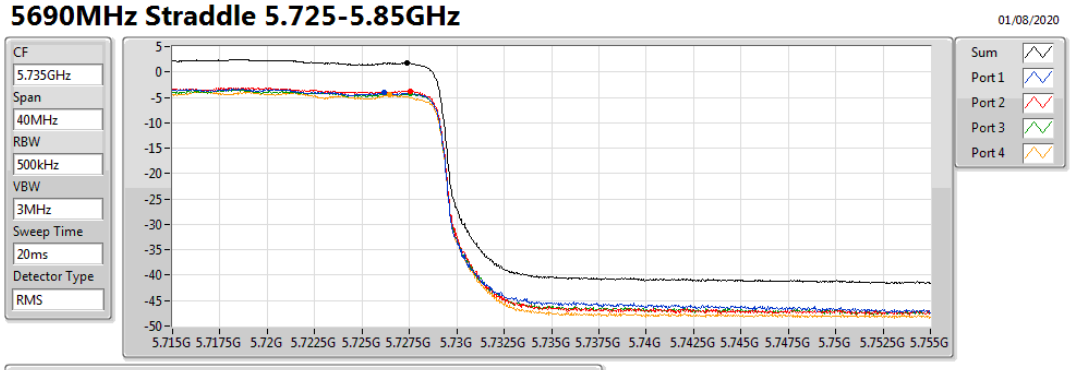
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.78	4.78	-1.09	-1.18	-0.92	-1.22

802.11ax HEW80-BF_Nss2,(MCS0)_4TX PSD

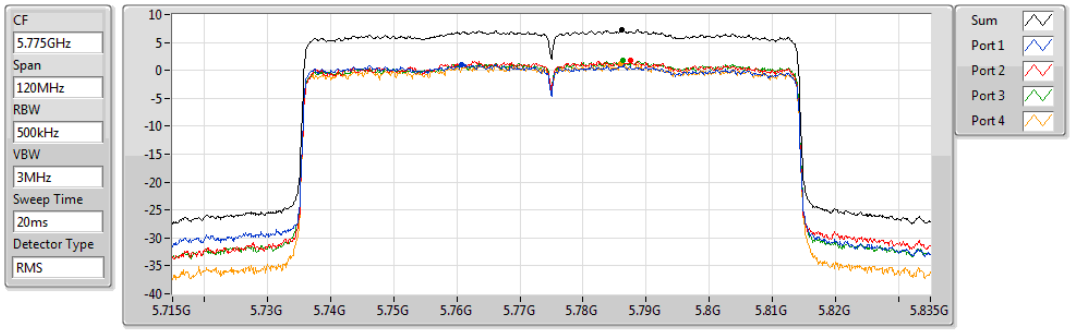
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.74	1.74	-4.12	-3.71	-4.23	-4.52

802.11ax HEW80-BF_Nss2,(MCS0)_4TX PSD

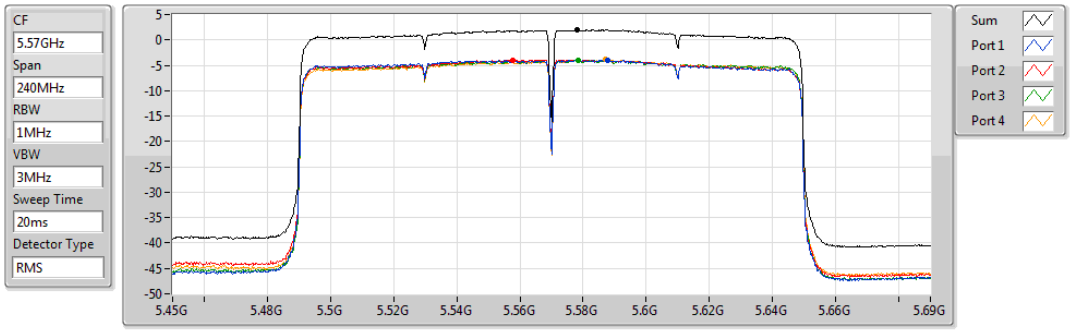
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.25	7.25	1.01	1.75	1.71	1.15

802.11ax HEW160-BF_Nss2,(MCS0)_4TX PSD

5570MHz



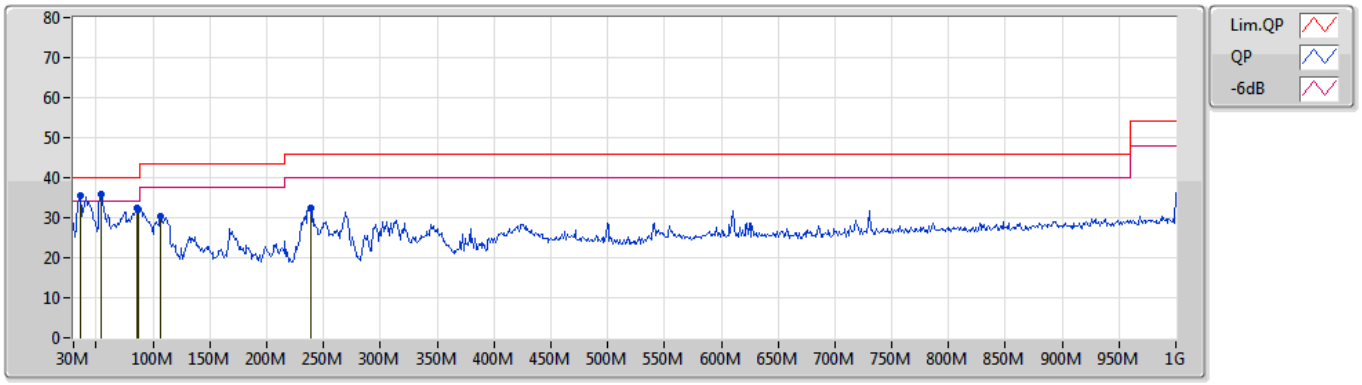
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.02	2.02	-3.98	-3.92	-3.92	-3.89

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	PK	54.25M	35.93	40.00	-4.07	Vertical

Mode 2

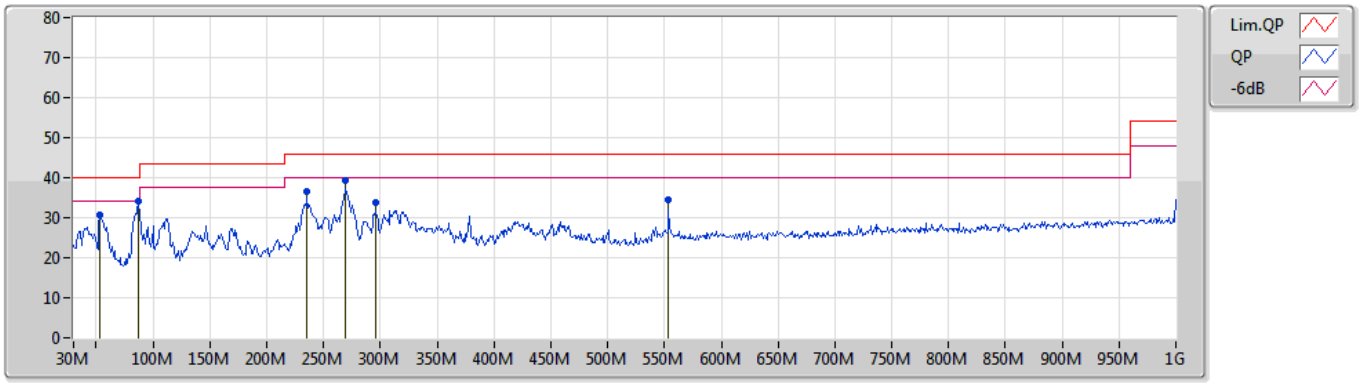
02/10/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	35.82M	35.57	40.00	-4.43	-9.70	3	Vertical	102	1.00	-	45.27	21.25	0.52	31.47
PK	54.25M	35.93	40.00	-4.07	-17.77	3	Vertical	360	1.25	"Worst"	53.70	13.28	0.68	31.73
PK	86.26M	32.50	40.00	-7.50	-16.89	3	Vertical	69	1.50	-	49.39	13.91	1.00	31.80
PK	87.23M	32.24	40.00	-7.76	-16.69	3	Vertical	102	1.00	-	48.93	14.12	1.00	31.81
PK	106.63M	30.38	43.50	-13.12	-13.06	3	Vertical	207	1.00	-	43.44	17.59	1.17	31.82
PK	238.55M	32.53	46.00	-13.47	-13.54	3	Vertical	158	2.00	-	46.07	16.52	1.85	31.91

Mode 2

02/10/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	53.28M	30.85	40.00	-9.15	-17.26	3	Horizontal	147	1.00	-	48.11	12.86	1.47	31.59
PK	87.23M	34.26	40.00	-5.74	-15.57	3	Horizontal	256	1.00	"Worst"	49.83	14.21	1.94	31.72
PK	235.64M	36.70	46.00	-9.30	-11.98	3	Horizontal	52	1.25	-	48.68	16.71	3.11	31.80
PK	268.62M	39.17	46.00	-6.83	-9.78	3	Horizontal	242	1.00	-	48.95	18.67	3.35	31.80
PK	295.78M	33.96	46.00	-12.04	-9.20	3	Horizontal	167	1.50	-	43.16	19.06	3.57	31.83
PK	553.8M	34.32	46.00	-11.68	-2.76	3	Horizontal	183	1.00	-	37.08	24.62	4.92	32.30

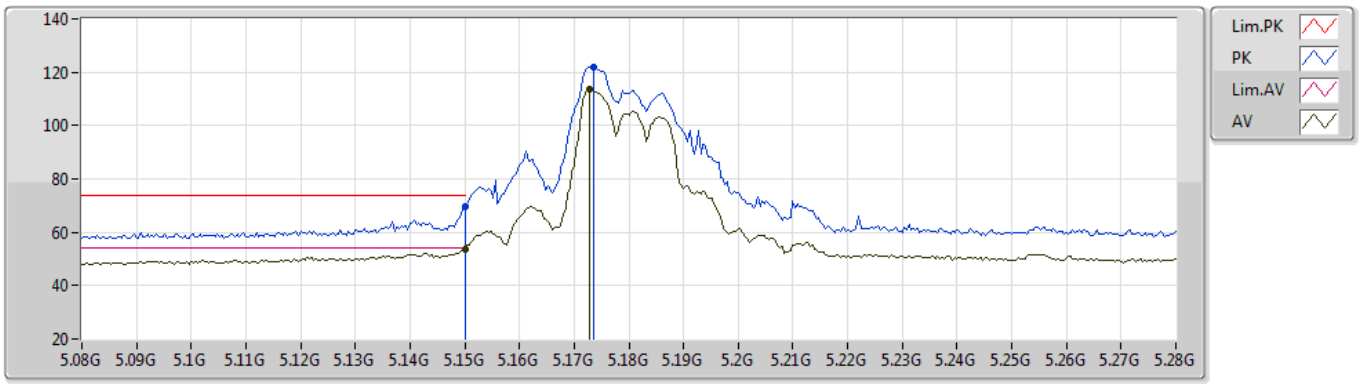
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.149G	53.92	54.00	-0.08	3	Vertical	78	1.80	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

13/07/2020



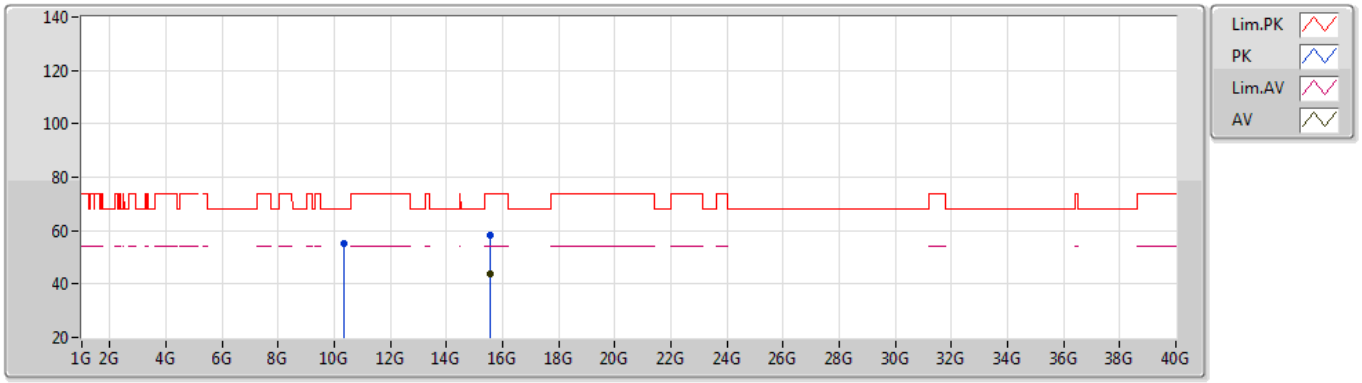
EUT Z_4TX
Setting 86
06-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	69.50	74.00	-4.50	63.73	3	Vertical	134	1.73	-	31.80	5.60	31.63
AV	5.15G	53.78	54.00	-0.22	48.01	3	Vertical	134	1.73	-	31.80	5.60	31.63
PK	5.1736G	121.94	Inf	-Inf	116.28	3	Vertical	134	1.73	-	31.71	5.60	31.65
AV	5.1728G	113.68	Inf	-Inf	108.02	3	Vertical	134	1.73	-	31.71	5.60	31.65

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

13/07/2020



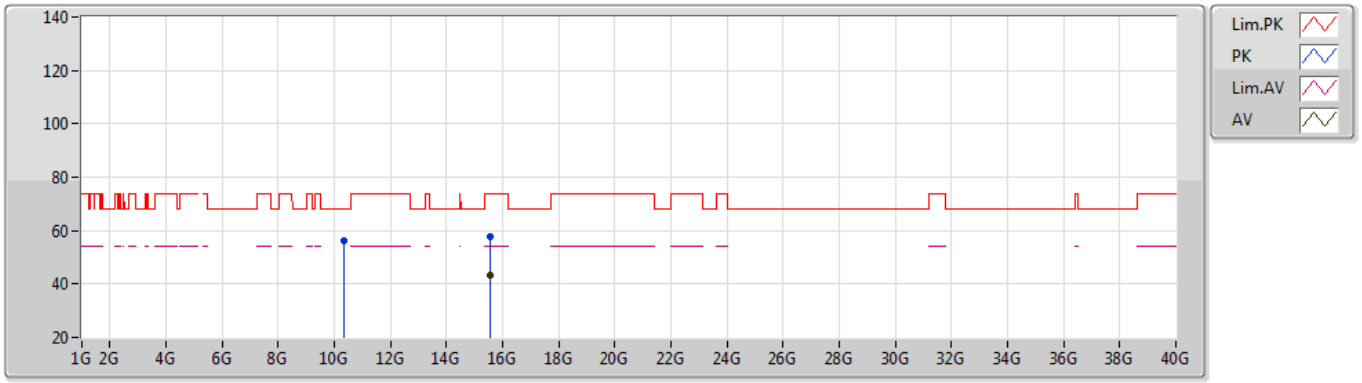
EUT Z_4TX
Setting 86
06-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3565G	55.19	68.20	-13.01	41.73	3	Vertical	256	1.81	-	39.61	7.72	33.87
PK	15.54474G	58.16	74.00	-15.84	44.14	3	Vertical	238	1.80	-	39.19	8.75	33.92
AV	15.54354G	43.84	54.00	-10.16	29.81	3	Vertical	238	1.80	-	39.20	8.75	33.92

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

13/07/2020



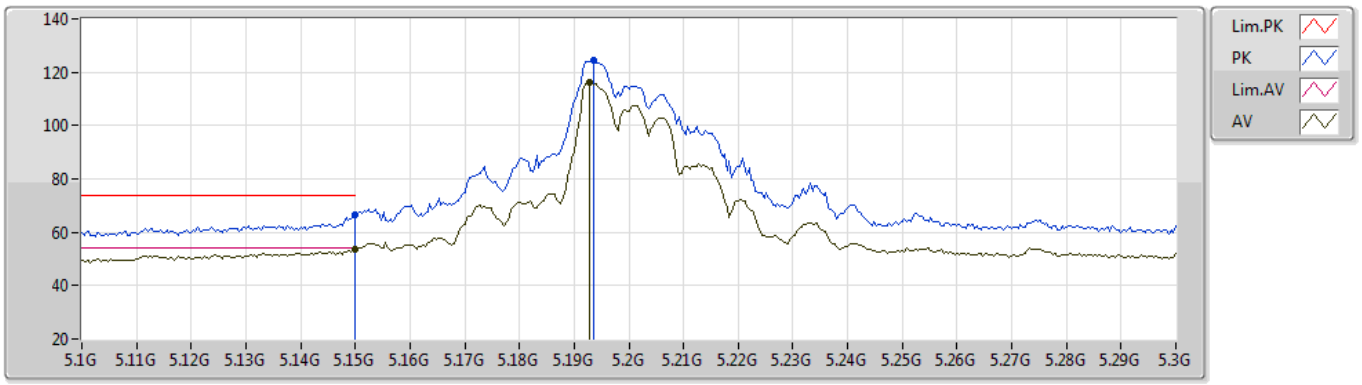
EUT Z_4TX
Setting 86
06-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.36414G	55.99	68.20	-12.21	42.50	3	Horizontal	286	2.62	-	39.63	7.73	33.87
PK	15.53798G	57.92	74.00	-16.08	43.86	3	Horizontal	268	1.72	-	39.23	8.75	33.92
AV	15.54412G	43.46	54.00	-10.54	29.44	3	Horizontal	268	1.72	-	39.19	8.75	33.92

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

13/07/2020



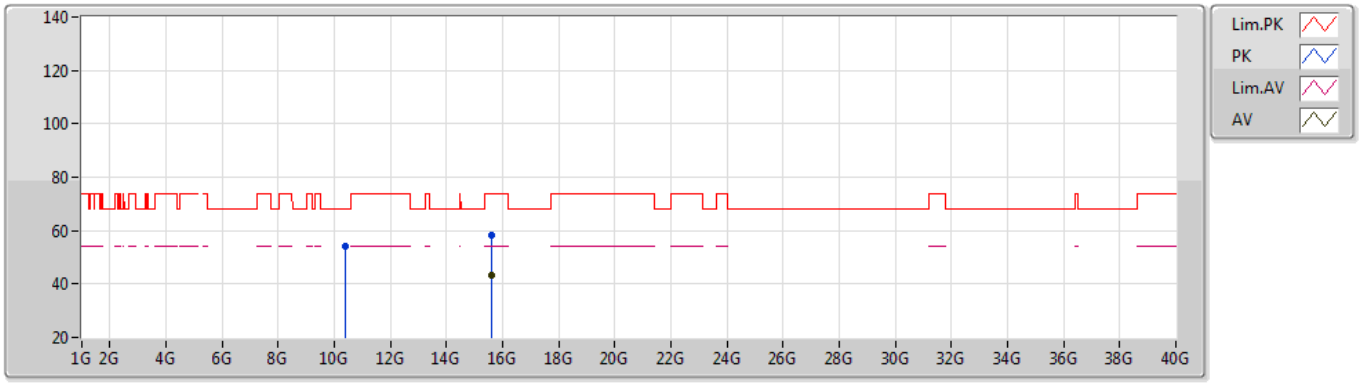
EUT Z_4TX
Setting 97
06-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	66.43	74.00	-7.57	60.66	3	Vertical	134	1.80	-	31.80	5.60	31.63
AV	5.15G	53.53	54.00	-0.47	47.76	3	Vertical	134	1.80	-	31.80	5.60	31.63
PK	5.1936G	124.39	Inf	-Inf	118.82	3	Vertical	134	1.80	-	31.63	5.60	31.66
AV	5.1928G	116.30	Inf	-Inf	110.73	3	Vertical	134	1.80	-	31.63	5.60	31.66

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

13/07/2020



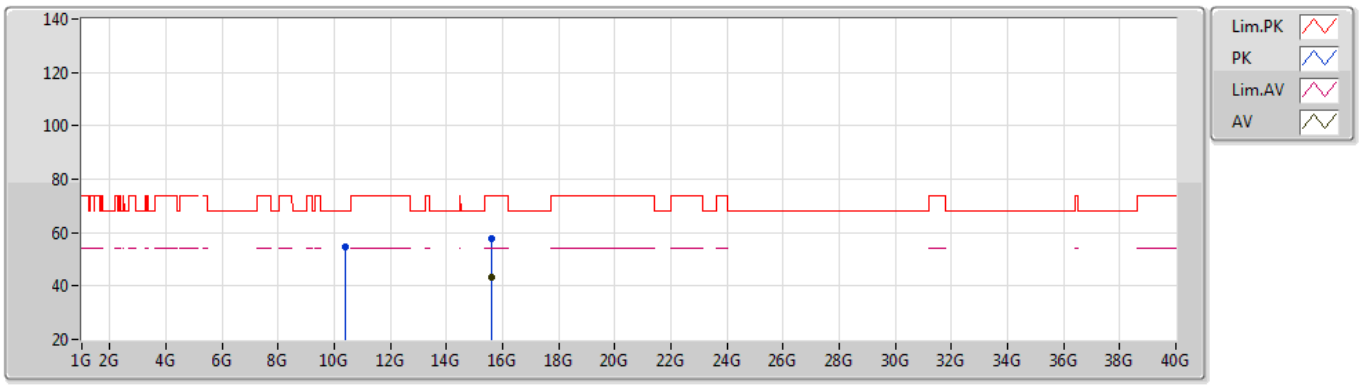
EUT Z_4TX
Setting 97
06-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40318G	54.18	68.20	-14.02	42.37	3	Vertical	360	1.00	-	38.22	8.92	35.33
PK	15.60032G	58.09	74.00	-15.91	44.44	3	Vertical	182	2.20	-	38.72	9.78	34.85
AV	15.60366G	43.49	54.00	-10.51	29.84	3	Vertical	182	2.20	-	38.72	9.78	34.85

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

13/07/2020



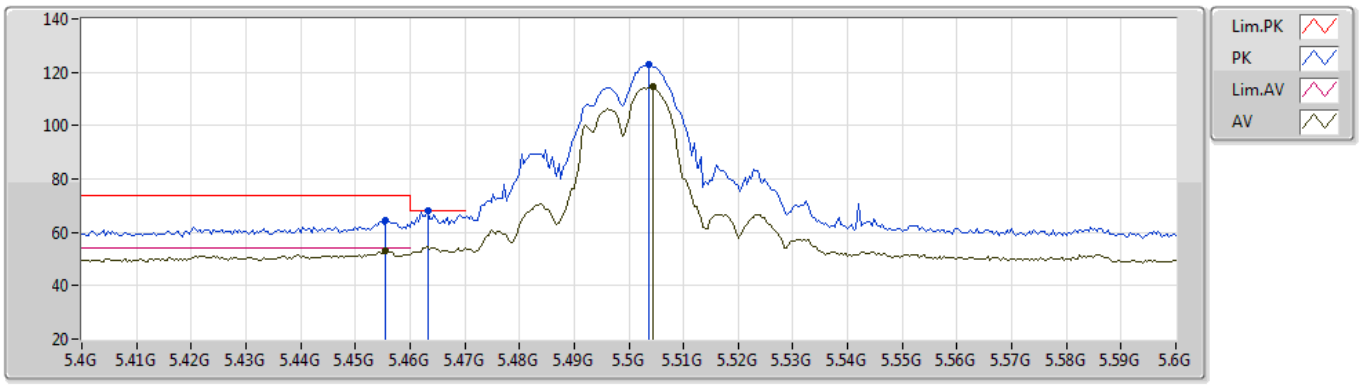
EUT Z_4TX
Setting 97
06-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39536G	54.59	68.20	-13.61	41.05	3	Horizontal	83	1.80	-	39.69	7.74	33.89
PK	15.59652G	57.56	74.00	-16.44	43.96	3	Horizontal	267	1.36	-	38.82	8.74	33.96
AV	15.60092G	43.49	54.00	-10.51	29.91	3	Horizontal	267	1.36	-	38.80	8.74	33.96

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

08/07/2020



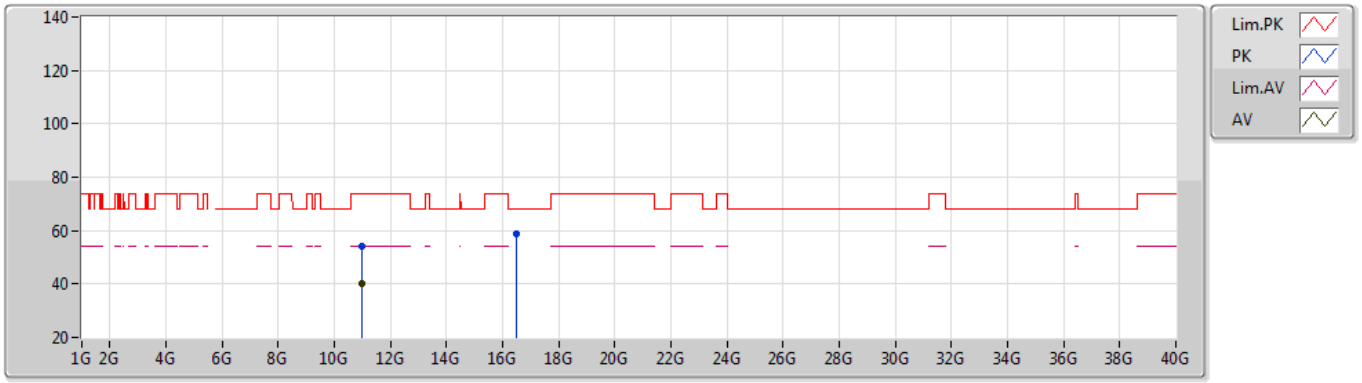
EUT Z_4TX
Setting 88
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4556G	64.50	74.00	-9.50	58.93	3	Vertical	169	1.91	-	31.61	5.80	31.84
AV	5.4556G	52.92	54.00	-1.08	47.35	3	Vertical	169	1.91	-	31.61	5.80	31.84
PK	5.4632G	68.03	68.20	-0.17	62.44	3	Vertical	169	1.91	-	31.63	5.80	31.84
PK	5.5036G	122.93	Inf	-Inf	117.31	3	Vertical	169	1.91	-	31.69	5.80	31.87
AV	5.5044G	114.46	Inf	-Inf	108.85	3	Vertical	169	1.91	-	31.68	5.80	31.87

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

08/07/2020



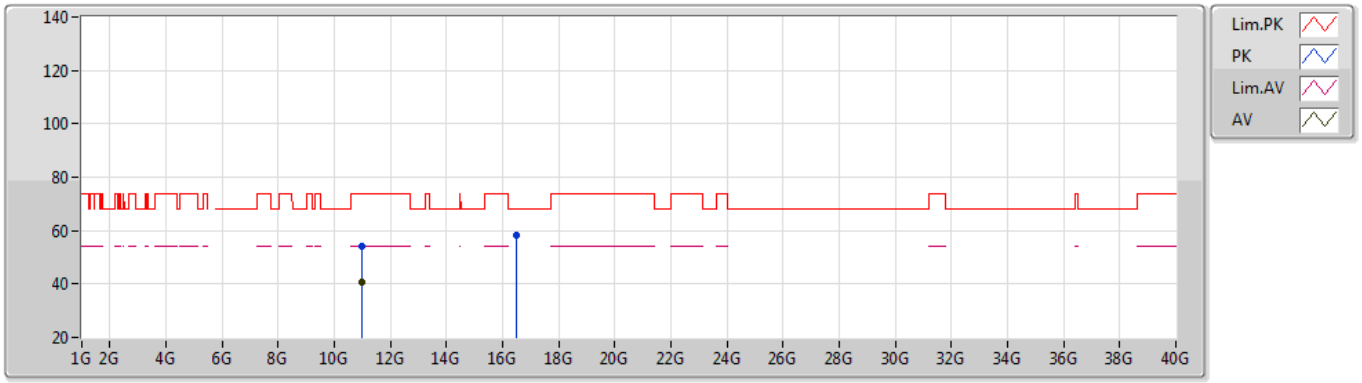
EUT Z_4TX
Setting 88
06-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.00118G	53.89	74.00	-20.11	39.90	3	Vertical	180	2.55	-	40.20	7.95	34.16
AV	10.99576G	40.27	54.00	-13.73	26.28	3	Vertical	180	2.55	-	40.20	7.95	34.16
PK	16.49934G	58.65	68.20	-9.55	43.85	3	Vertical	356	1.15	-	40.00	9.02	34.22

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

08/07/2020



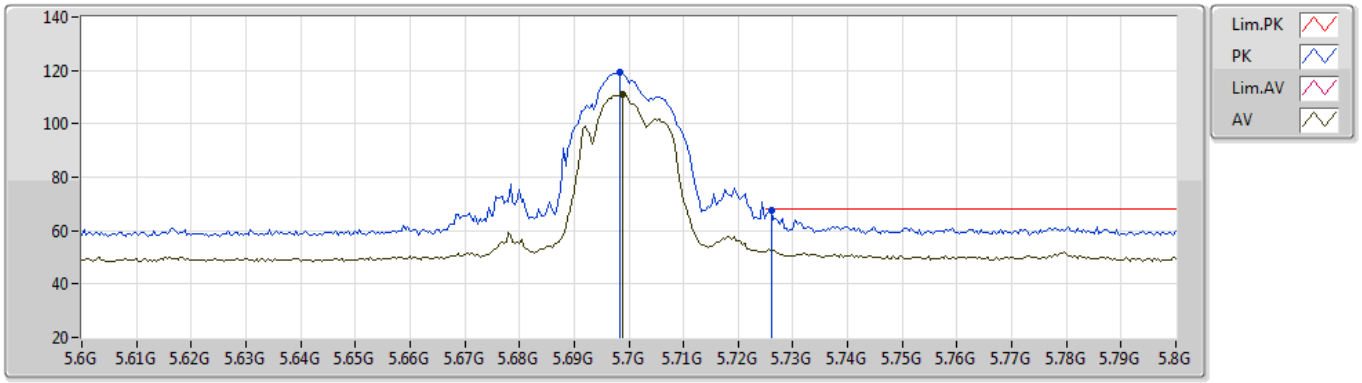
EUT Z_4TX
Setting 88
06-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.99802G	54.38	74.00	-19.62	40.39	3	Horizontal	268	2.51	-	40.20	7.95	34.16
AV	10.9987G	40.49	54.00	-13.51	26.50	3	Horizontal	268	2.51	-	40.20	7.95	34.16
PK	16.49872G	58.29	68.20	-9.91	43.50	3	Horizontal	113	1.29	-	39.99	9.02	34.22

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

08/07/2020



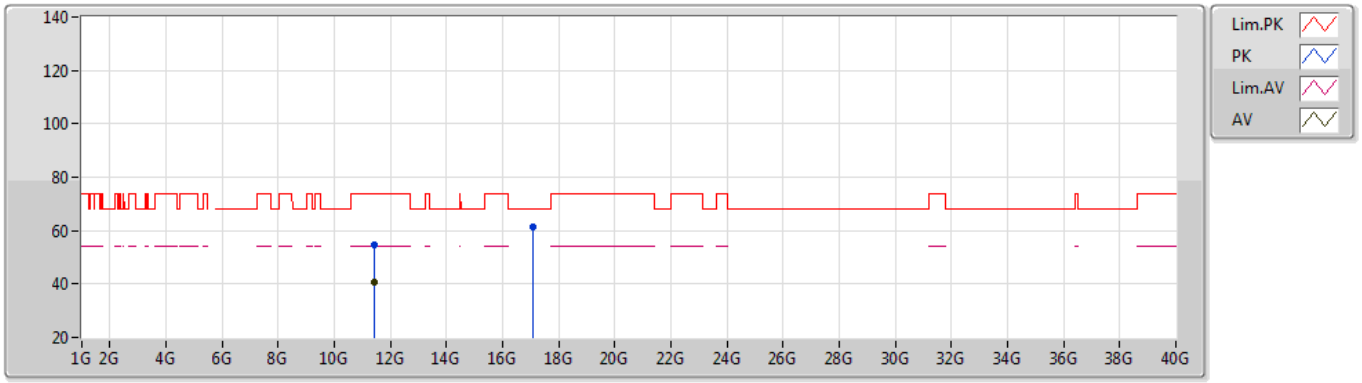
EUT Z_4TX
Setting 79
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6984G	119.54	Inf	-Inf	113.72	3	Vertical	141	1.80	-	31.69	5.90	31.77
AV	5.6988G	111.02	Inf	-Inf	105.19	3	Vertical	141	1.80	-	31.70	5.90	31.77
PK	5.726G	67.83	68.20	-0.37	61.86	3	Vertical	141	1.80	-	31.80	5.93	31.76

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

08/07/2020



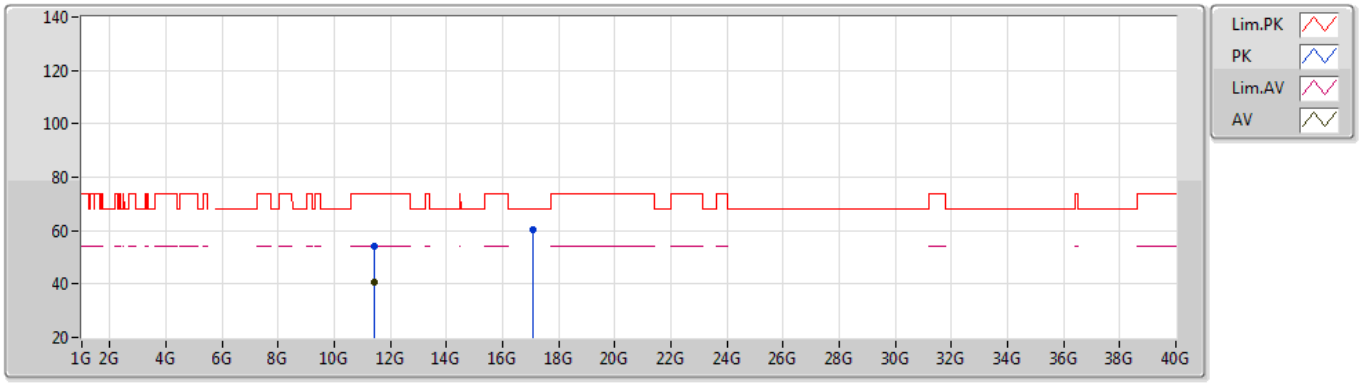
EUT Z_4TX
Setting 79
06-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.40448G	54.47	74.00	-19.53	41.58	3	Vertical	84	1.24	-	38.50	9.22	34.83
AV	11.40326G	40.78	54.00	-13.22	27.89	3	Vertical	84	1.24	-	38.50	9.22	34.83
PK	17.09846G	61.15	68.20	-7.05	43.32	3	Vertical	265	2.98	-	41.40	10.19	33.76

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

08/07/2020



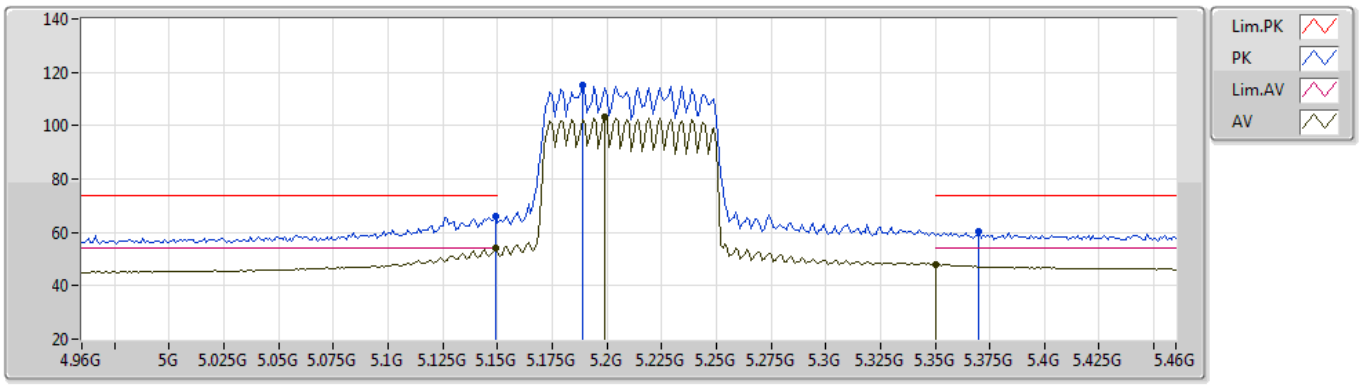
EUT Z_4TX
Setting 79
06-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.40422G	54.18	74.00	-19.82	41.29	3	Horizontal	168	1.78	-	38.50	9.22	34.83
AV	11.40272G	40.69	54.00	-13.31	27.80	3	Horizontal	168	1.78	-	38.50	9.22	34.83
PK	17.10438G	60.28	68.20	-7.92	42.44	3	Horizontal	133	2.71	-	41.41	10.20	33.77

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

08/07/2020



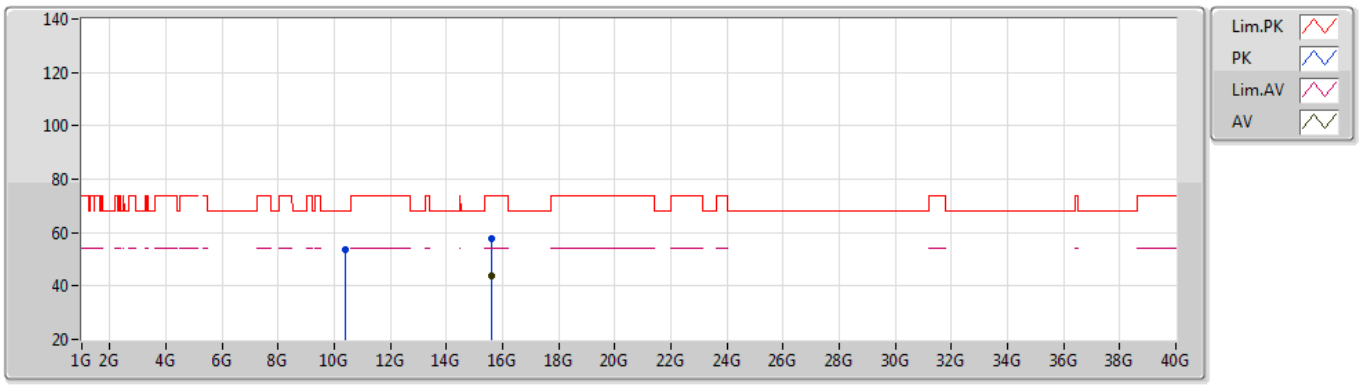
EUT Z_4TX
Setting 70
06-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.149G	65.98	74.00	-8.02	60.21	3	Vertical	78	1.80	-	31.80	5.60	31.63
AV	5.149G	53.92	54.00	-0.08	48.15	3	Vertical	78	1.80	-	31.80	5.60	31.63
PK	5.189G	114.93	Inf	-Inf	109.35	3	Vertical	78	1.80	-	31.64	5.60	31.66
AV	5.199G	103.10	Inf	-Inf	97.57	3	Vertical	78	1.80	-	31.60	5.60	31.67
PK	5.37G	60.58	74.00	-13.42	55.27	3	Vertical	78	1.80	-	31.32	5.77	31.78
AV	5.35G	48.01	54.00	-5.99	42.83	3	Vertical	78	1.80	-	31.20	5.75	31.77

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

08/07/2020



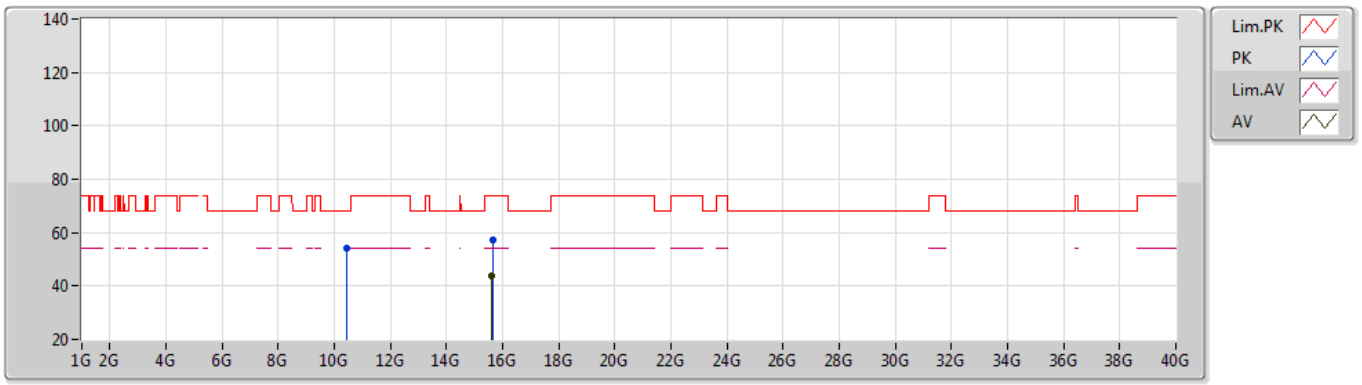
EUT Z_4TX
Setting 70
06-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.41546G	53.59	68.20	-14.61	40.01	3	Vertical	49	2.20	-	39.73	7.75	33.90
PK	15.62706G	57.69	74.00	-16.31	44.10	3	Vertical	196	2.66	-	38.83	8.74	33.98
AV	15.628G	43.68	54.00	-10.32	30.09	3	Vertical	196	2.66	-	38.83	8.74	33.98

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

08/07/2020



EUT Z_4TX
Setting 70
06-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.42332G	54.15	68.20	-14.05	40.55	3	Horizontal	256	2.49	-	39.75	7.75	33.90
PK	15.63268G	57.19	74.00	-16.81	43.61	3	Horizontal	222	2.37	-	38.83	8.74	33.99
AV	15.62738G	43.79	54.00	-10.21	30.20	3	Horizontal	222	2.37	-	38.83	8.74	33.98

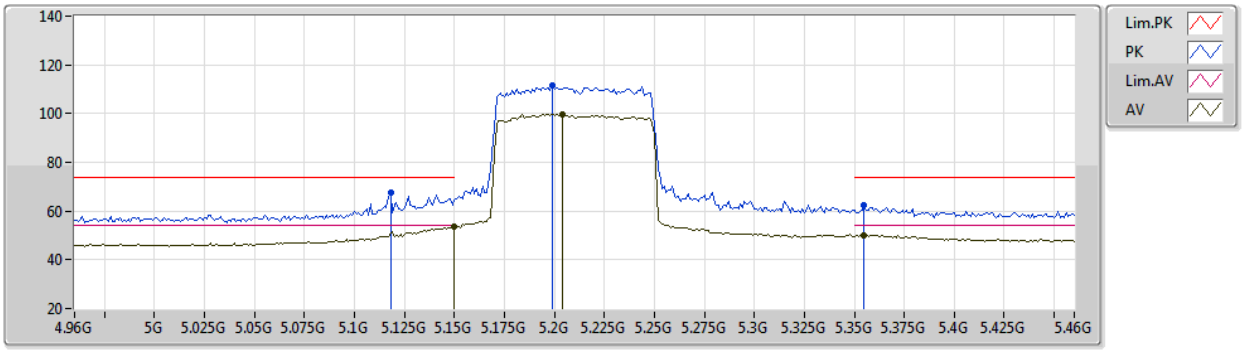
Summary

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_Nss4,(MCS0)_4TX	Pass	PK	5.643G	68.04	68.20	-0.16	3	Vertical	159	1.80	-

802.11ax HEW80_Nss4,(MCS0)_4TX

13/07/2020

5210MHz_TX



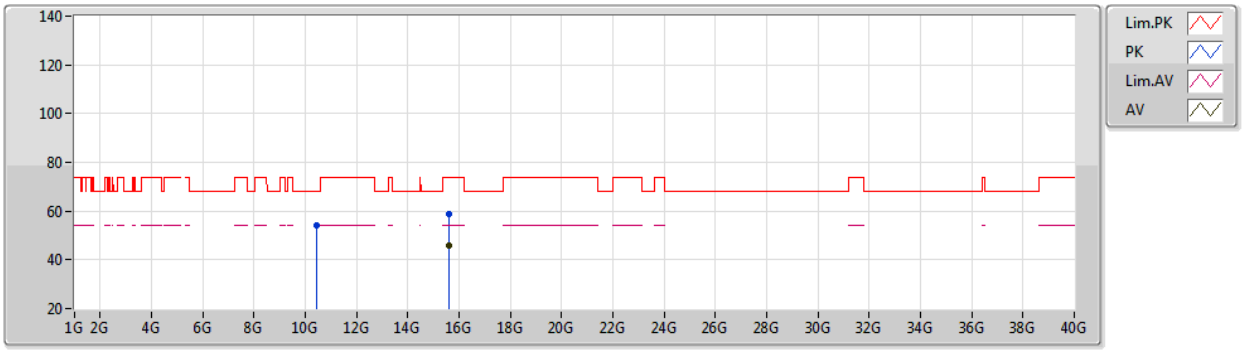
EUT Z_4TX
Setting 73
04-E-P-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.118G	67.44	74.00	-6.56	62.13	3	Vertical	177	1.54	-	33.02	5.09	32.80
AV	5.15G	53.55	54.00	-0.45	48.19	3	Vertical	177	1.54	-	33.05	5.11	32.80
PK	5.199G	111.31	Inf	-Inf	105.86	3	Vertical	177	1.54	-	33.10	5.13	32.78
AV	5.204G	99.70	Inf	-Inf	94.25	3	Vertical	177	1.54	-	33.10	5.13	32.78
PK	5.355G	62.19	74.00	-11.81	56.33	3	Vertical	177	1.54	-	33.37	5.21	32.72
AV	5.355G	50.23	54.00	-3.77	44.37	3	Vertical	177	1.54	-	33.37	5.21	32.72

802.11ax HEW80_Nss4,(MCS0)_4TX

5210MHz_TX

13/07/2020



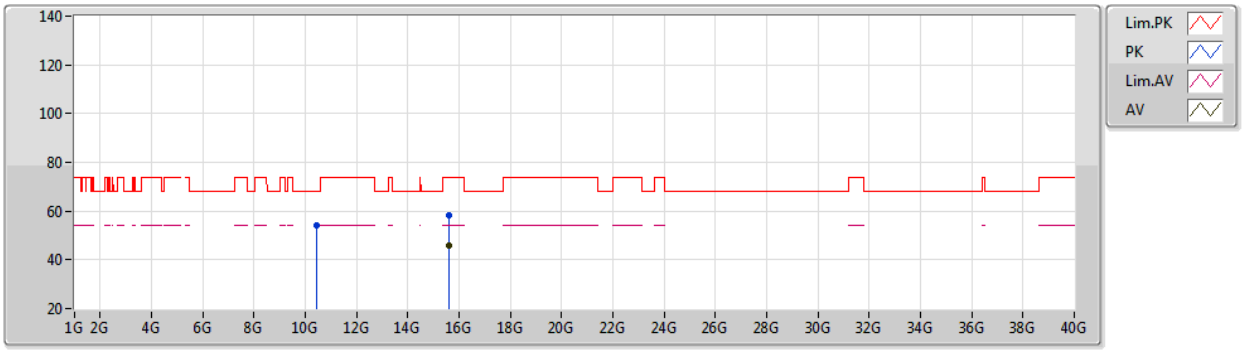
EUT Z_4TX
Setting 73
04-E-P-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.42034G	54.37	68.20	-13.83	41.21	3	Vertical	310	1.80	-	38.94	7.58	33.36
PK	15.62788G	58.56	74.00	-15.44	44.49	3	Vertical	96	1.80	-	39.01	9.38	34.32
AV	15.62674G	45.90	54.00	-8.10	31.83	3	Vertical	96	1.80	-	39.01	9.38	34.32

802.11ax HEW80_Nss4,(MCS0)_4TX

5210MHz_TX

13/07/2020



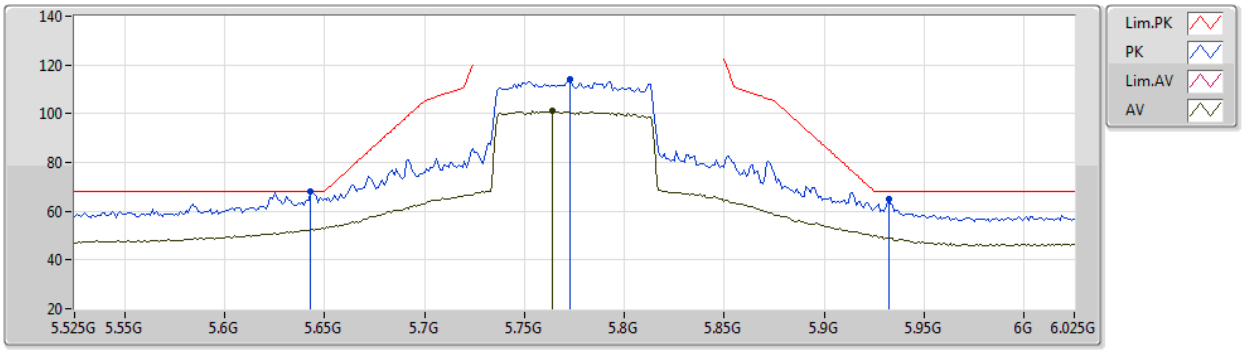
EUT Z_4TX
Setting 73
04-E-P-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.42034G	54.27	68.20	-13.93	41.11	3	Horizontal	22	1.77	-	38.94	7.58	33.36
PK	15.63078G	58.40	74.00	-15.60	44.33	3	Horizontal	58	1.80	-	39.01	9.38	34.32
AV	15.63078G	45.85	54.00	-8.15	31.78	3	Horizontal	58	1.80	-	39.01	9.38	34.32

802.11ax HEW80_Nss4,(MCS0)_4TX

13/07/2020

5775MHz_TX



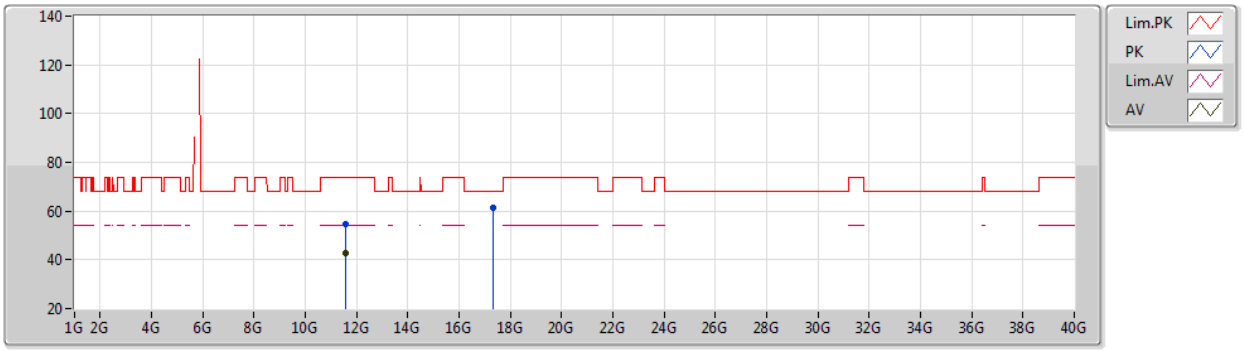
EUT Z_4TX
Setting 84
06-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.643G	68.04	68.20	-0.16	62.50	3	Vertical	159	1.80	-	31.50	5.84	31.80
PK	5.773G	113.92	Inf	-Inf	107.74	3	Vertical	159	1.80	-	31.95	5.97	31.74
AV	5.764G	101.26	Inf	-Inf	95.11	3	Vertical	159	1.80	-	31.93	5.96	31.74
PK	5.932G	64.89	68.20	-3.31	58.32	3	Vertical	159	1.80	-	32.30	5.93	31.66

802.11ax HEW80_Nss4,(MCS0)_4TX

5775MHz_TX

13/07/2020



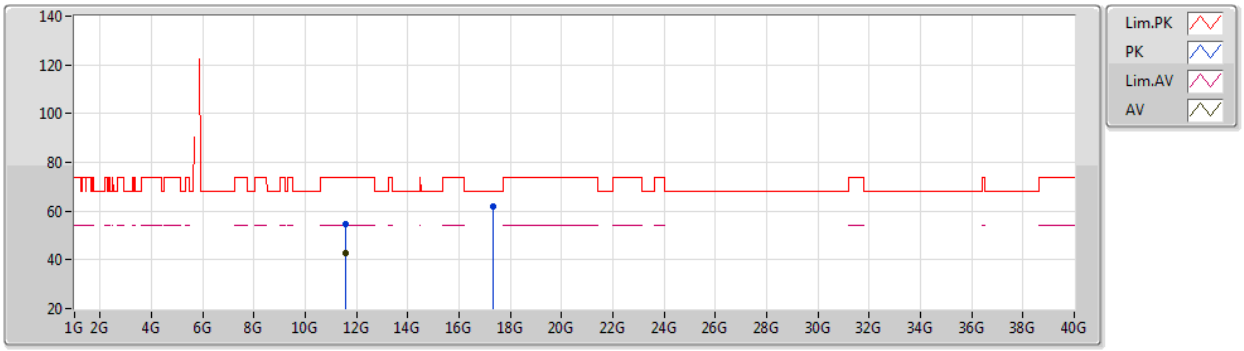
EUT Z_4TX
Setting 84
04-E-P-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5497G	54.56	74.00	-19.44	40.83	3	Vertical	46	2.73	-	39.80	8.14	34.21
AV	11.5499G	42.92	54.00	-11.08	29.19	3	Vertical	46	2.73	-	39.80	8.14	34.21
PK	17.32682G	61.46	68.20	-6.74	44.69	3	Vertical	237	1.80	-	41.44	9.56	34.23

802.11ax HEW80_Nss4,(MCS0)_4TX

5775MHz_TX

13/07/2020



EUT Z_4TX
Setting 84
04-E-P-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5518G	54.48	74.00	-19.52	40.76	3	Horizontal	9	1.80	-	39.79	8.14	34.21
AV	11.55478G	42.56	54.00	-11.44	28.85	3	Horizontal	9	1.80	-	39.78	8.14	34.21
PK	17.32894G	61.74	68.20	-6.46	44.94	3	Horizontal	32	1.80	-	41.46	9.56	34.22

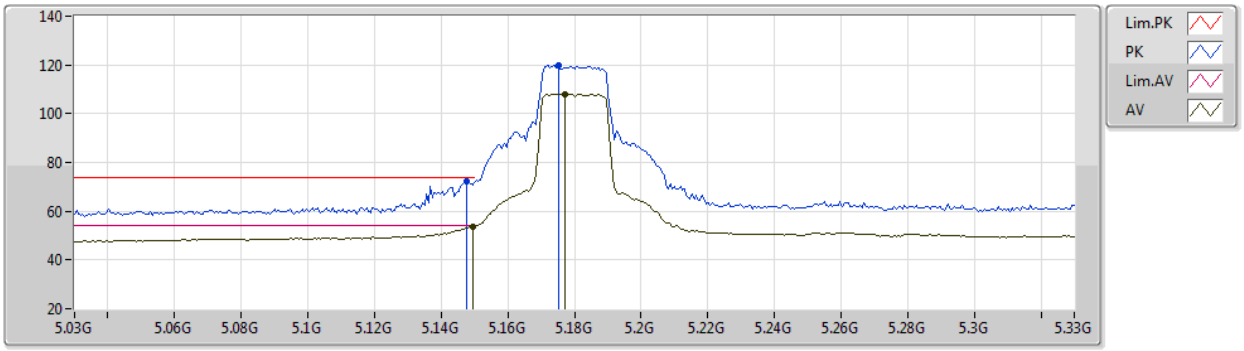
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	AV	5.355G	53.91	54.00	-0.09	3	Vertical	70	1.31	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

13/07/2020



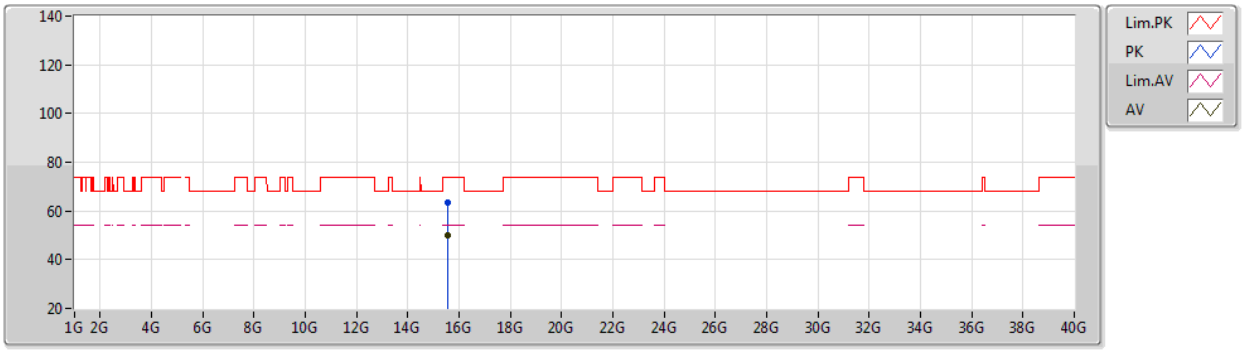
EUT Z_4TX
Setting 81
06-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1476G	72.39	74.00	-1.61	63.88	3	Vertical	0	1.54	-	34.54	5.60	31.63
AV	5.1494G	53.86	54.00	-0.14	45.34	3	Vertical	0	1.54	-	34.55	5.60	31.63
PK	5.1752G	119.83	Inf	-Inf	111.25	3	Vertical	0	1.54	-	34.63	5.60	31.65
AV	5.177G	108.14	Inf	-Inf	99.56	3	Vertical	0	1.54	-	34.63	5.60	31.65

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

13/07/2020

5180MHz_TX



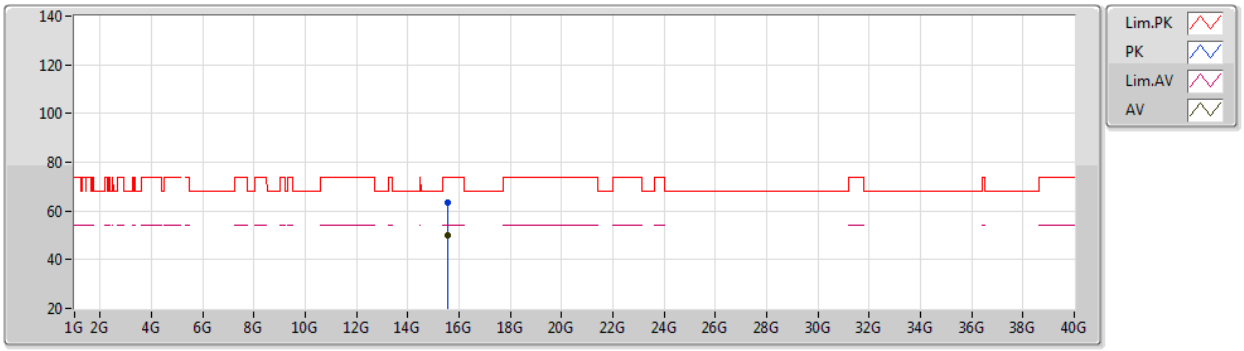
EUT Z_4TX
Setting 81
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.55446G	63.27	74.00	-10.73	45.61	3	Vertical	114	2.28	-	43.17	8.74	34.25
AV	15.5544G	50.13	54.00	-3.87	32.47	3	Vertical	114	2.28	-	43.17	8.74	34.25

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

13/07/2020

5180MHz_TX



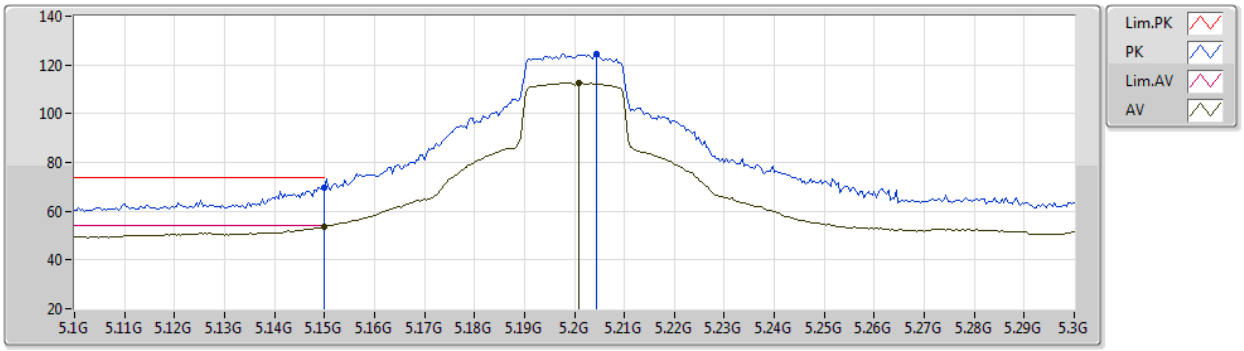
EUT Z_4TX
Setting 81
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.5535G	63.49	74.00	-10.51	45.83	3	Horizontal	334	2.60	-	43.17	8.74	34.25
AV	15.54912G	50.08	54.00	-3.92	32.41	3	Horizontal	334	2.60	-	43.17	8.75	34.25

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

13/07/2020



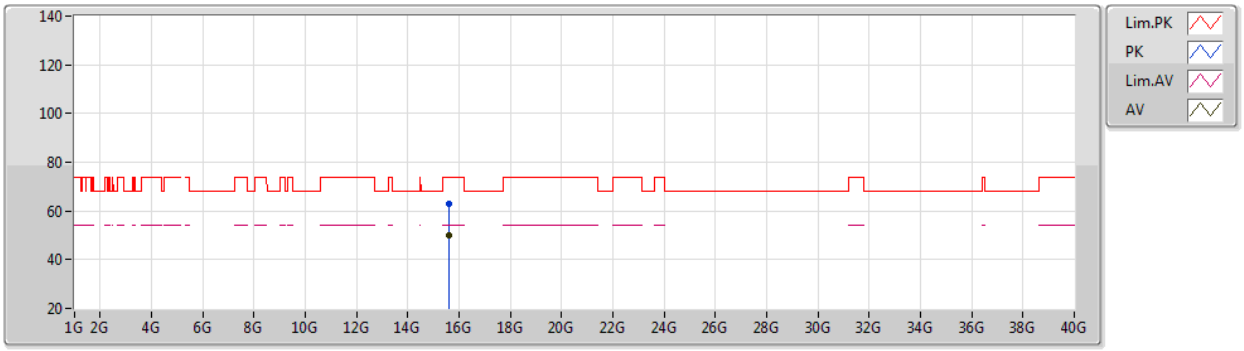
EUT Z_4TX
Setting 97
06-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	69.47	74.00	-4.53	60.95	3	Vertical	6	1.55	-	34.55	5.60	31.63
AV	5.15G	53.87	54.00	-0.13	45.35	3	Vertical	6	1.55	-	34.55	5.60	31.63
PK	5.2044G	124.36	Inf	-Inf	115.73	3	Vertical	6	1.55	-	34.70	5.60	31.67
AV	5.2008G	112.74	Inf	-Inf	104.11	3	Vertical	6	1.55	-	34.70	5.60	31.67

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

13/07/2020



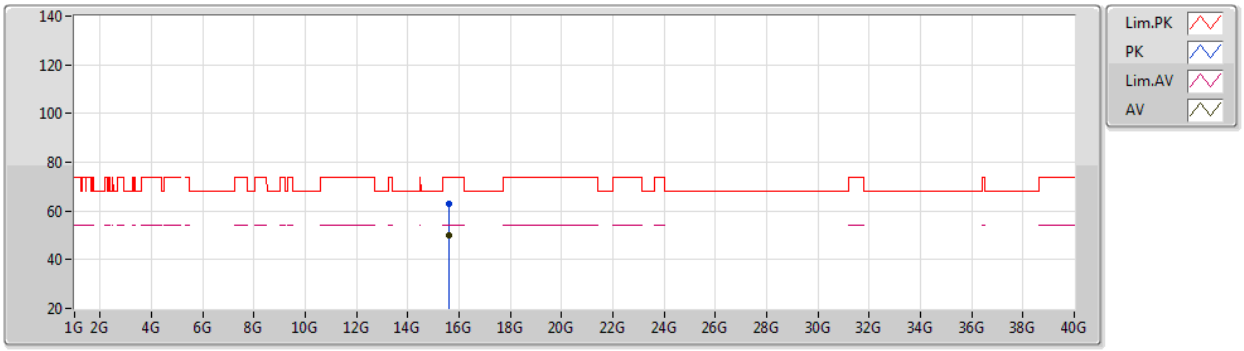
EUT Z_4TX
Setting 97
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.59664G	62.89	74.00	-11.11	45.26	3	Vertical	327	2.10	-	43.14	8.74	34.25
AV	15.61368G	50.17	54.00	-3.83	32.55	3	Vertical	327	2.10	-	43.13	8.74	34.25

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

13/07/2020



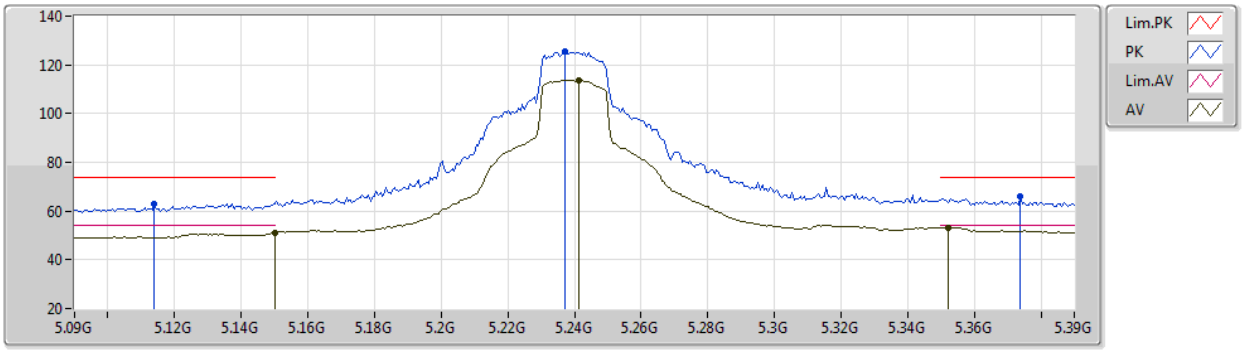
EUT Z_4TX
Setting 97
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.60342G	62.99	74.00	-11.01	45.36	3	Horizontal	156	1.34	-	43.14	8.74	34.25
AV	15.60174G	50.06	54.00	-3.94	32.43	3	Horizontal	156	1.34	-	43.14	8.74	34.25

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

13/07/2020



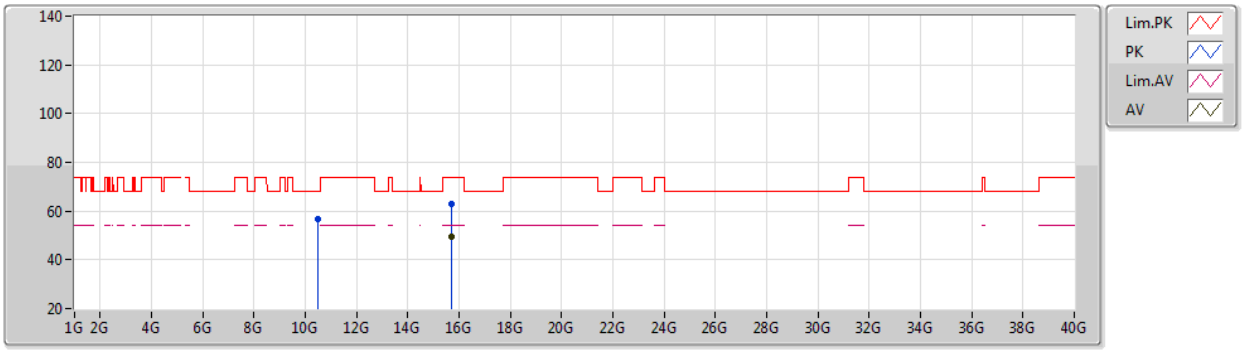
EUT Z_4TX
Setting 104
06-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.114G	63.11	74.00	-10.89	54.68	3	Vertical	315	1.80	-	34.44	5.60	31.61
AV	5.15G	51.10	54.00	-2.90	42.58	3	Vertical	315	1.80	-	34.55	5.60	31.63
PK	5.237G	125.34	Inf	-Inf	116.70	3	Vertical	315	1.80	-	34.70	5.64	31.70
AV	5.2412G	113.84	Inf	-Inf	105.20	3	Vertical	315	1.80	-	34.70	5.64	31.70
PK	5.3738G	66.10	74.00	-7.90	57.49	3	Vertical	315	1.80	-	34.63	5.77	31.79
AV	5.3522G	53.19	54.00	-0.81	44.57	3	Vertical	315	1.80	-	34.65	5.75	31.78

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

13/07/2020



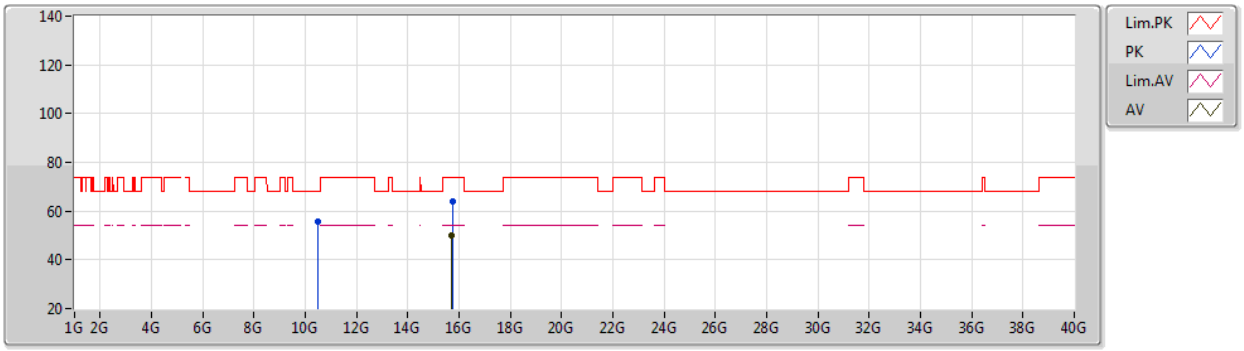
EUT Z_4TX
Setting 104
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4806G	56.51	68.20	-11.69	42.89	3	Vertical	183	1.20	-	39.77	7.77	33.92
PK	15.71886G	62.90	74.00	-11.10	45.35	3	Vertical	359	1.28	-	43.07	8.73	34.25
AV	15.70608G	49.66	54.00	-4.34	32.10	3	Vertical	359	1.28	-	43.08	8.73	34.25

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

13/07/2020



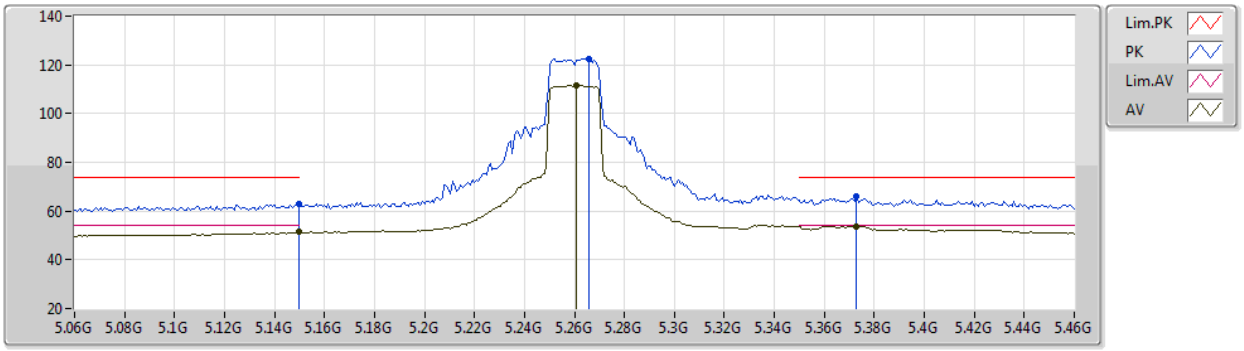
EUT Z_4TX
Setting 104
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4878G	55.82	68.20	-12.38	42.19	3	Horizontal	241	1.77	-	39.78	7.77	33.92
PK	15.735G	63.84	74.00	-10.16	46.30	3	Horizontal	0	1.80	-	43.06	8.73	34.25
AV	15.705G	49.89	54.00	-4.11	32.33	3	Horizontal	0	1.80	-	43.08	8.73	34.25

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

08/07/2020



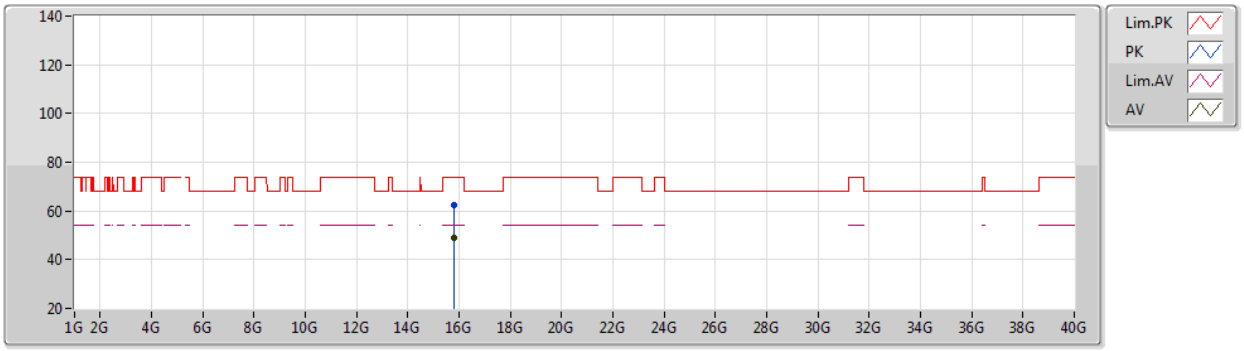
EUT Z_4TX
Setting 88
06-I-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	62.91	74.00	-11.09	54.39	3	Vertical	12	1.52	-	34.55	5.60	31.63
AV	5.1496G	51.34	54.00	-2.66	42.82	3	Vertical	12	1.52	-	34.55	5.60	31.63
PK	5.2656G	122.67	Inf	-Inf	114.02	3	Vertical	12	1.52	-	34.70	5.67	31.72
AV	5.2608G	111.44	Inf	-Inf	102.79	3	Vertical	12	1.52	-	34.70	5.66	31.71
PK	5.3728G	66.21	74.00	-7.79	57.60	3	Vertical	12	1.52	-	34.63	5.77	31.79
AV	5.3728G	53.84	54.00	-0.16	45.23	3	Vertical	12	1.52	-	34.63	5.77	31.79

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

08/07/2020



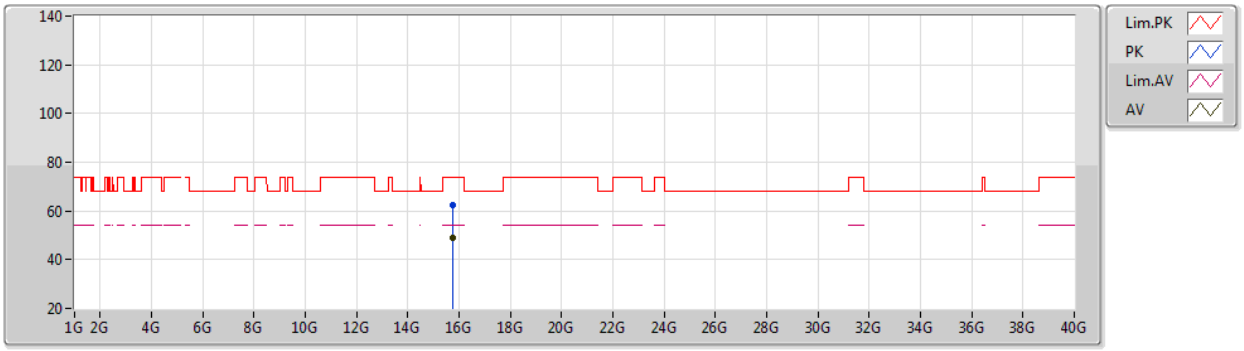
EUT Z_4TX
Setting 88
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.78666G	62.51	74.00	-11.49	45.01	3	Vertical	197	2.74	-	43.03	8.72	34.25
AV	15.78312G	49.09	54.00	-4.91	31.59	3	Vertical	197	2.74	-	43.03	8.72	34.25

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

08/07/2020



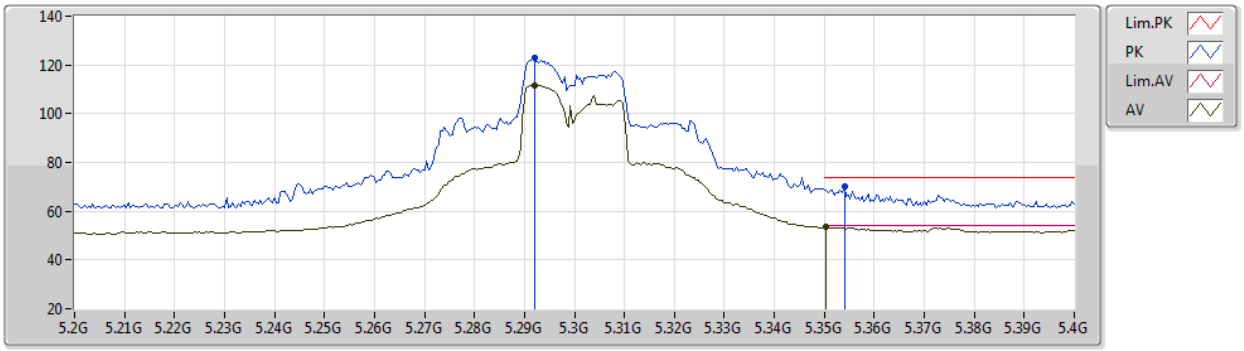
EUT Z_4TX
Setting 88
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.76842G	62.66	74.00	-11.34	45.15	3	Horizontal	263	2.65	-	43.04	8.72	34.25
AV	15.76956G	49.20	54.00	-4.80	31.69	3	Horizontal	263	2.65	-	43.04	8.72	34.25

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

08/07/2020



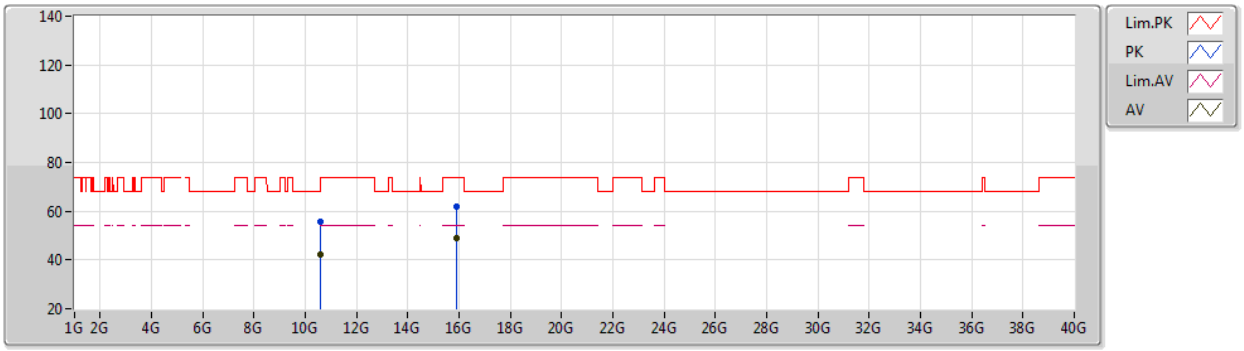
EUT Z_4TX
Setting 93
06-I-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.292G	122.69	Inf	-Inf	114.03	3	Vertical	69	2.07	-	34.70	5.69	31.73
AV	5.292G	111.74	Inf	-Inf	103.08	3	Vertical	69	2.07	-	34.70	5.69	31.73
PK	5.354G	70.10	74.00	-3.90	61.48	3	Vertical	69	2.07	-	34.65	5.75	31.78
AV	5.3504G	53.65	54.00	-0.35	45.03	3	Vertical	69	2.07	-	34.65	5.75	31.78

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

08/07/2020



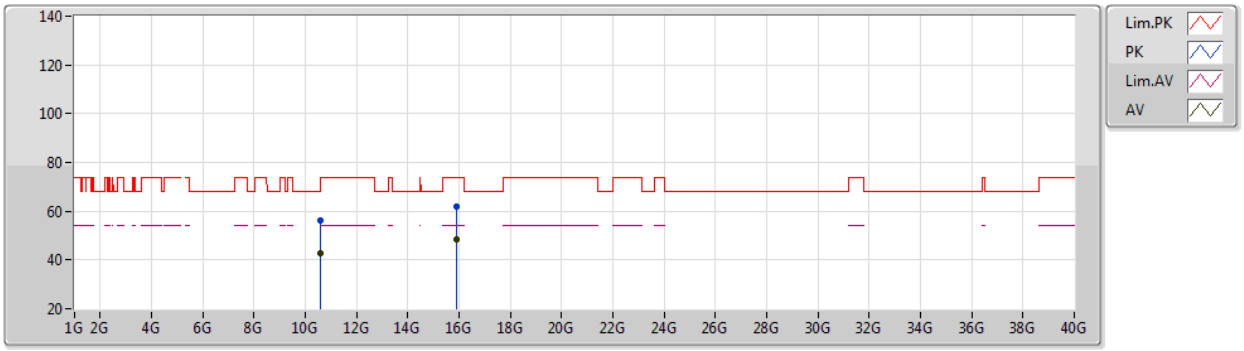
EUT Z_4TX
Setting 93
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.61359G	55.63	74.00	-18.37	41.82	3	Vertical	202	2.28	-	39.98	7.81	33.98
AV	10.61098G	42.20	54.00	-11.80	28.39	3	Vertical	202	2.28	-	39.98	7.81	33.98
PK	15.89664G	61.69	74.00	-12.31	44.27	3	Vertical	163	1.00	-	42.96	8.71	34.25
AV	15.89262G	48.73	54.00	-5.27	31.31	3	Vertical	163	1.00	-	42.96	8.71	34.25

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

08/07/2020



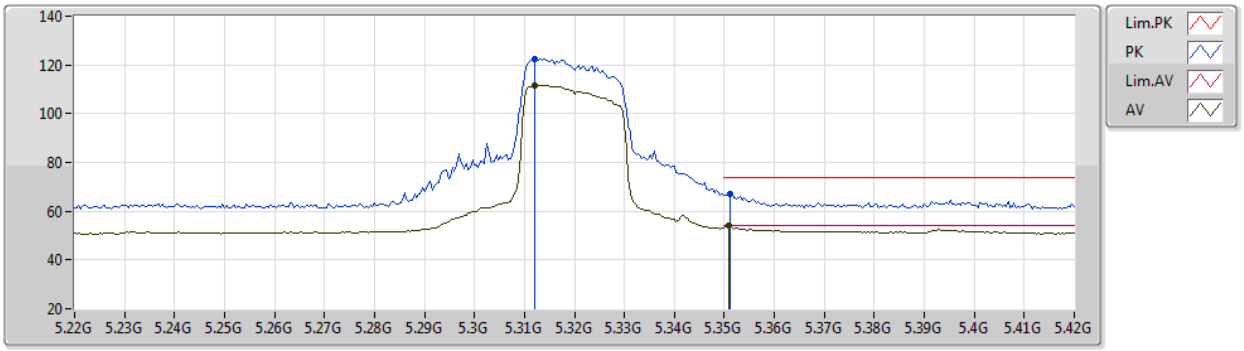
EUT Z_4TX
Setting 93
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.603G	56.08	74.00	-17.92	42.29	3	Horizontal	52	2.19	-	39.96	7.81	33.98
AV	10.60966G	42.67	54.00	-11.33	28.86	3	Horizontal	52	2.19	-	39.98	7.81	33.98
PK	15.8979G	61.77	74.00	-12.23	44.35	3	Horizontal	20	1.80	-	42.96	8.71	34.25
AV	15.90162G	48.35	54.00	-5.65	30.93	3	Horizontal	20	1.80	-	42.96	8.71	34.25

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5320MHz_TX

08/07/2020



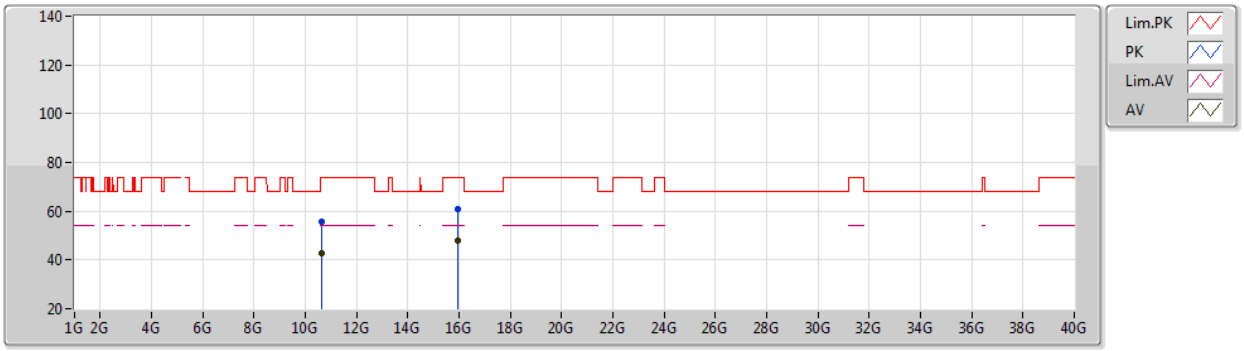
EUT Z_4TX
Setting 75
06-I-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.312G	122.60	Inf	-Inf	113.95	3	Vertical	313	2.24	-	34.69	5.71	31.75
AV	5.312G	111.63	Inf	-Inf	102.98	3	Vertical	313	2.24	-	34.69	5.71	31.75
PK	5.3512G	67.26	74.00	-6.74	58.64	3	Vertical	313	2.24	-	34.65	5.75	31.78
AV	5.3508G	53.90	54.00	-0.10	45.28	3	Vertical	313	2.24	-	34.65	5.75	31.78

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5320MHz_TX

08/07/2020



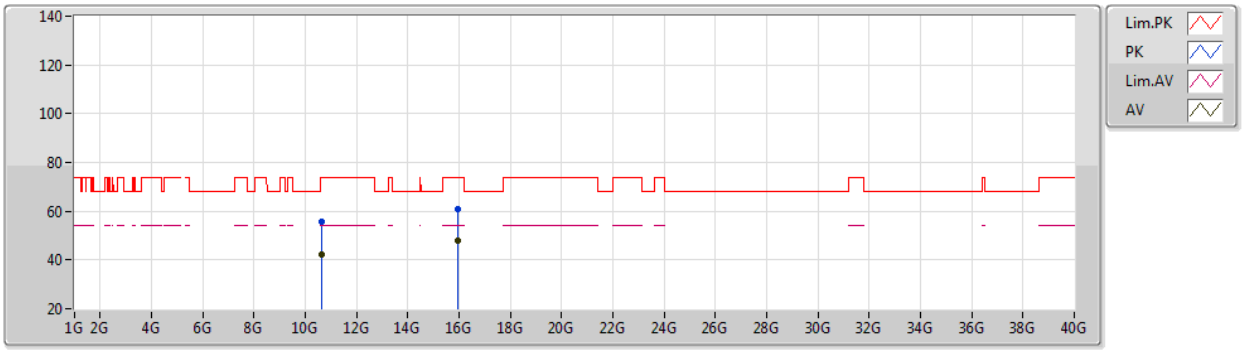
EUT Z_4TX
Setting 75
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.64138G	55.44	74.00	-18.56	41.59	3	Vertical	251	2.63	-	40.03	7.82	34.00
AV	10.62542G	42.54	54.00	-11.46	28.71	3	Vertical	251	2.63	-	40.00	7.82	33.99
PK	15.95154G	60.81	74.00	-13.19	43.43	3	Vertical	192	1.01	-	42.93	8.70	34.25
AV	15.951G	48.12	54.00	-5.88	30.74	3	Vertical	192	1.01	-	42.93	8.70	34.25

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5320MHz_TX

08/07/2020



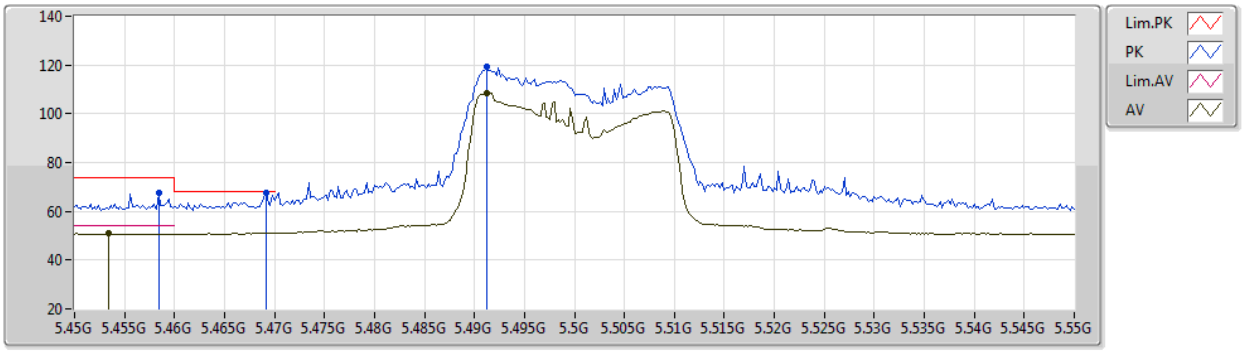
EUT Z_4TX
Setting 75
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.64558G	55.84	74.00	-18.16	41.98	3	Horizontal	309	1.72	-	40.03	7.83	34.00
AV	10.6343G	42.41	54.00	-11.59	28.57	3	Horizontal	309	1.72	-	40.01	7.82	33.99
PK	15.9507G	60.62	74.00	-13.38	43.24	3	Horizontal	145	1.01	-	42.93	8.70	34.25
AV	15.97164G	48.04	54.00	-5.96	30.67	3	Horizontal	145	1.01	-	42.92	8.70	34.25

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5500MHz_TX

08/07/2020



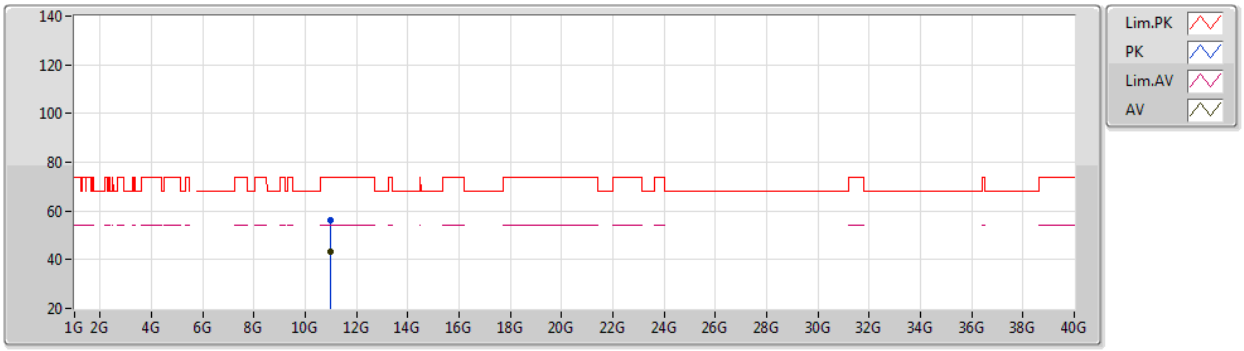
EUT Z_4TX
Setting 67
06-I-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4584G	67.38	74.00	-6.62	59.06	3	Vertical	77	1.67	-	34.37	5.80	31.85
AV	5.4534G	50.95	54.00	-3.05	42.60	3	Vertical	77	1.67	-	34.39	5.80	31.84
PK	5.4692G	67.45	68.20	-0.75	59.18	3	Vertical	77	1.67	-	34.32	5.80	31.85
PK	5.4912G	119.29	Inf	-Inf	111.11	3	Vertical	77	1.67	-	34.24	5.80	31.86
AV	5.4912G	108.70	Inf	-Inf	100.52	3	Vertical	77	1.67	-	34.24	5.80	31.86

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5500MHz_TX

08/07/2020



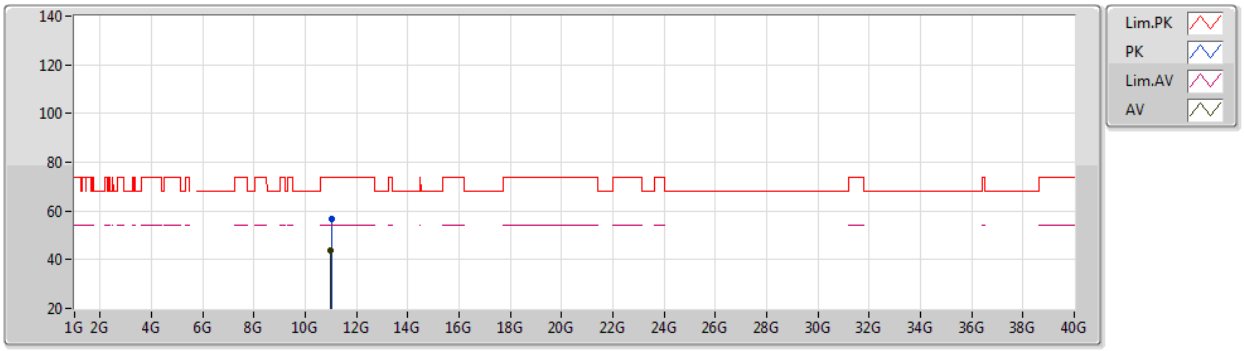
EUT Z_4TX
Setting 67
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.99958G	56.32	74.00	-17.68	41.93	3	Vertical	18	1.82	-	40.60	7.95	34.16
AV	10.99016G	43.53	54.00	-10.47	29.16	3	Vertical	18	1.82	-	40.58	7.95	34.16

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5500MHz_TX

08/07/2020



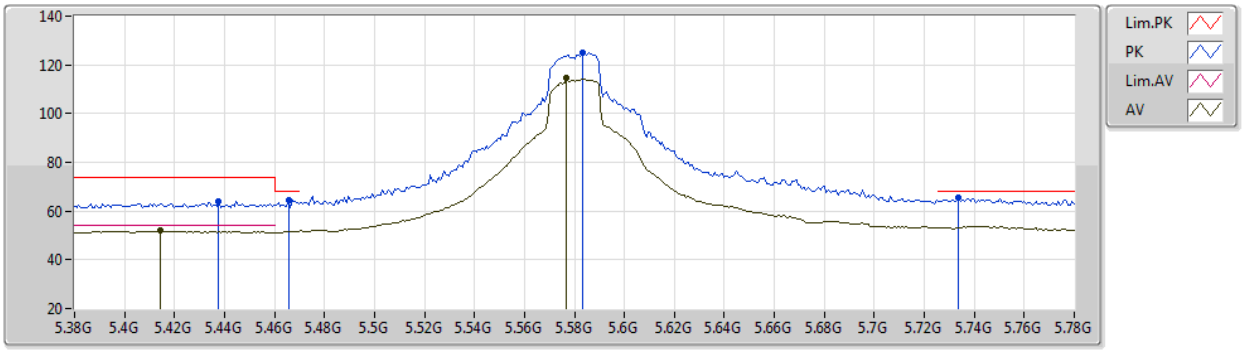
EUT Z_4TX
Setting 67
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.01482G	56.97	74.00	-17.03	42.54	3	Horizontal	39	1.27	-	40.63	7.96	34.16
AV	11.00486G	43.71	54.00	-10.29	29.31	3	Horizontal	39	1.27	-	40.61	7.95	34.16

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5580MHz_TX

08/07/2020



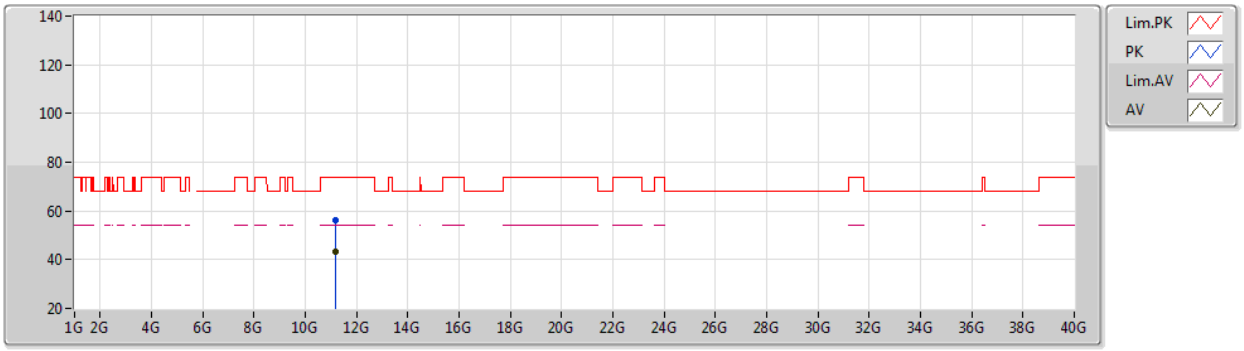
EUT Z_4TX
Setting 104
06-I-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4376G	64.01	74.00	-9.99	55.59	3	Vertical	153	1.80	-	34.45	5.80	31.83
AV	5.4144G	51.85	54.00	-2.15	43.33	3	Vertical	153	1.80	-	34.54	5.80	31.82
PK	5.4656G	64.37	68.20	-3.83	56.08	3	Vertical	153	1.80	-	34.34	5.80	31.85
PK	5.5832G	125.21	Inf	-Inf	117.12	3	Vertical	153	1.80	-	34.12	5.80	31.83
AV	5.5768G	114.64	Inf	-Inf	106.55	3	Vertical	153	1.80	-	34.12	5.80	31.83
PK	5.7336G	65.33	68.20	-2.87	57.13	3	Vertical	153	1.80	-	34.03	5.93	31.76

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5580MHz_TX

08/07/2020



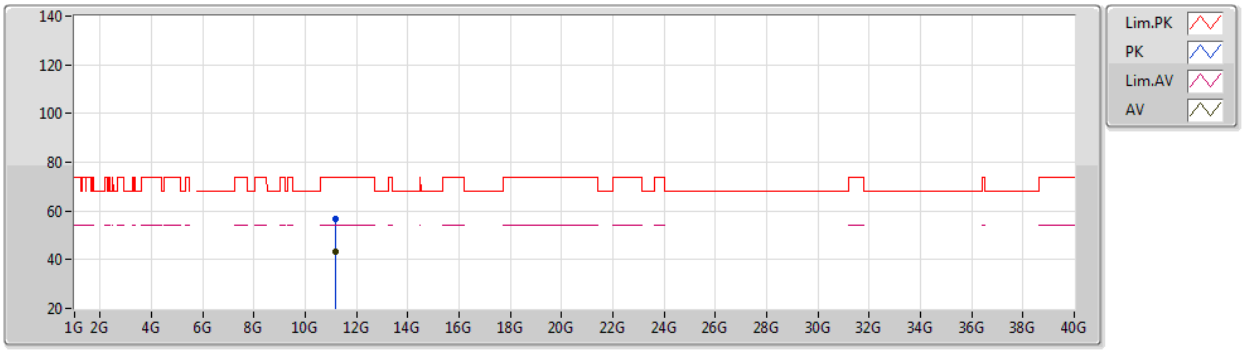
EUT Z_4TX
Setting 104
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15604G	56.06	74.00	-17.94	41.29	3	Vertical	309	2.71	-	40.93	8.00	34.16
AV	11.175G	43.49	54.00	-10.51	28.67	3	Vertical	309	2.71	-	40.97	8.01	34.16

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5580MHz_TX

08/07/2020



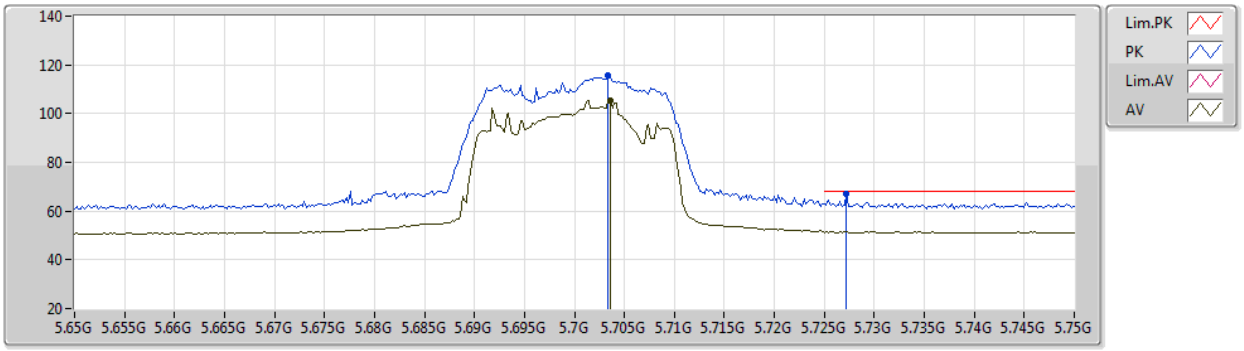
EUT Z_4TX
Setting 104
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.17452G	56.47	74.00	-17.53	41.65	3	Horizontal	232	1.29	-	40.97	8.01	34.16
AV	11.17146G	43.50	54.00	-10.50	28.69	3	Horizontal	232	1.29	-	40.96	8.01	34.16

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5700MHz_TX

08/07/2020



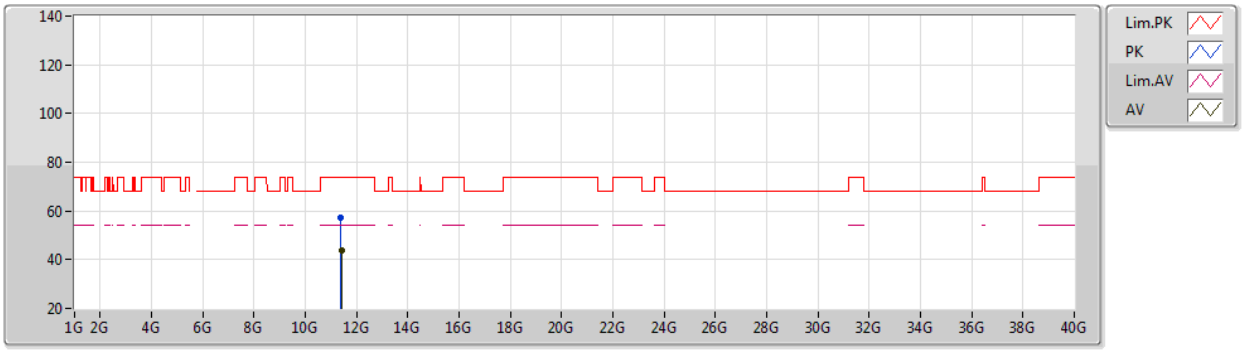
EUT Z_4TX
Setting 63
06-I-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7034G	115.92	Inf	-Inf	107.80	3	Vertical	53	1.93	-	34.00	5.89	31.77
AV	5.7036G	105.45	Inf	-Inf	97.33	3	Vertical	53	1.93	-	34.00	5.89	31.77
PK	5.7272G	66.85	68.20	-1.35	58.66	3	Vertical	53	1.93	-	34.03	5.92	31.76

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5700MHz_TX

08/07/2020



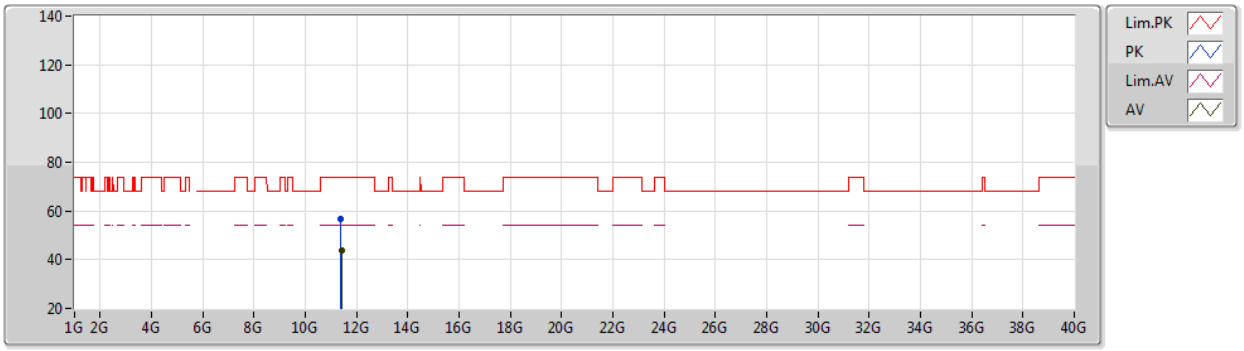
EUT Z_4TX
Setting 63
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.38896G	57.26	74.00	-16.74	41.91	3	Vertical	308	1.53	-	41.42	8.09	34.16
AV	11.41098G	43.92	54.00	-10.08	28.53	3	Vertical	308	1.53	-	41.46	8.09	34.16

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5700MHz_TX

08/07/2020



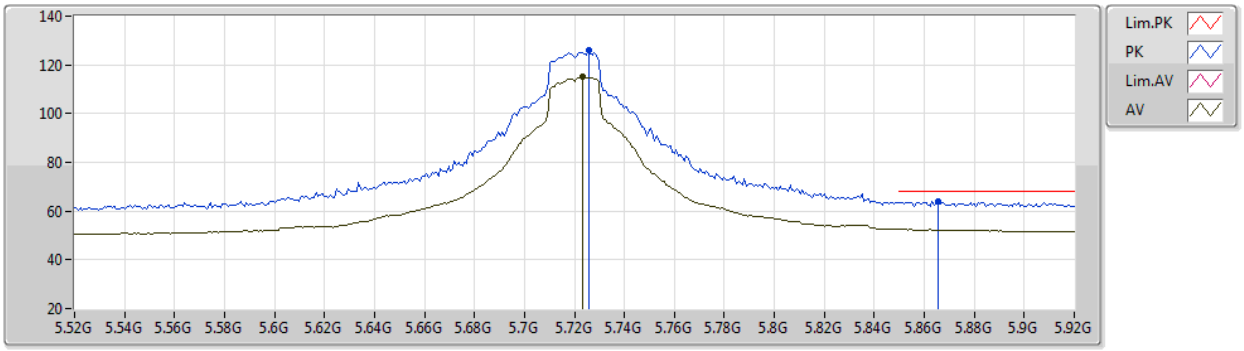
EUT Z_4TX
Setting 63
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.39898G	56.77	74.00	-17.23	41.40	3	Horizontal	67	1.80	-	41.44	8.09	34.16
AV	11.412G	44.02	54.00	-9.98	28.62	3	Horizontal	67	1.80	-	41.47	8.09	34.16

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

08/07/2020



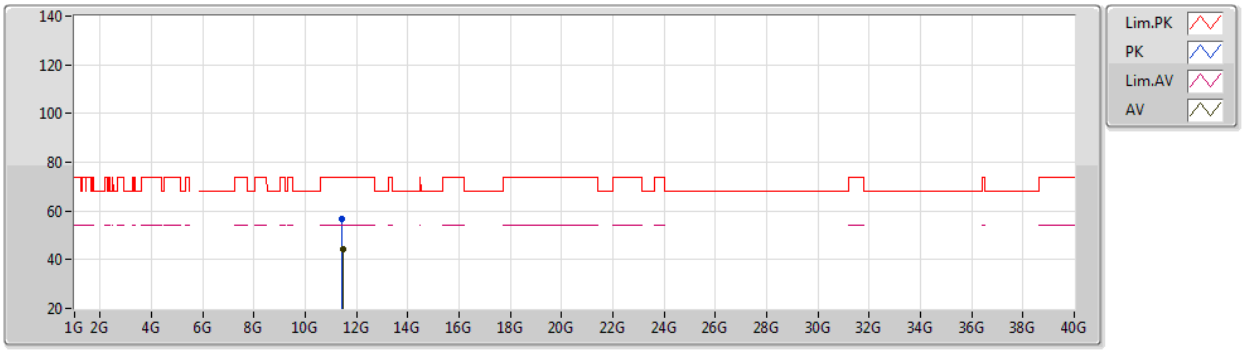
EUT Z_4TX
Setting 104
06-I-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7256G	125.83	Inf	-Inf	117.64	3	Vertical	312	2.07	-	34.03	5.92	31.76
AV	5.7232G	115.01	Inf	-Inf	106.83	3	Vertical	312	2.07	-	34.02	5.92	31.76
PK	5.8656G	63.99	68.20	-4.21	55.41	3	Vertical	312	2.07	-	34.30	5.97	31.69

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

08/07/2020



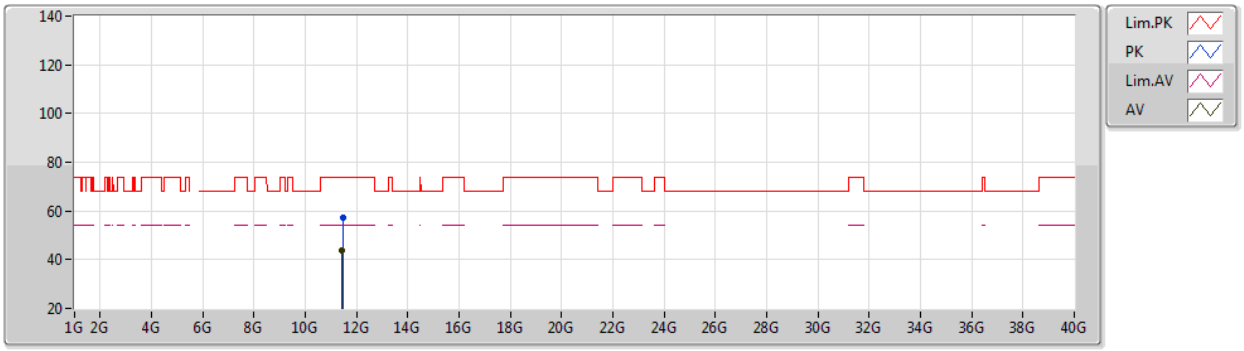
EUT Z_4TX
Setting 104
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4418G	56.68	74.00	-17.32	41.21	3	Vertical	250	1.89	-	41.53	8.10	34.16
AV	11.45452G	44.46	54.00	-9.54	28.96	3	Vertical	250	1.89	-	41.55	8.11	34.16

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

08/07/2020



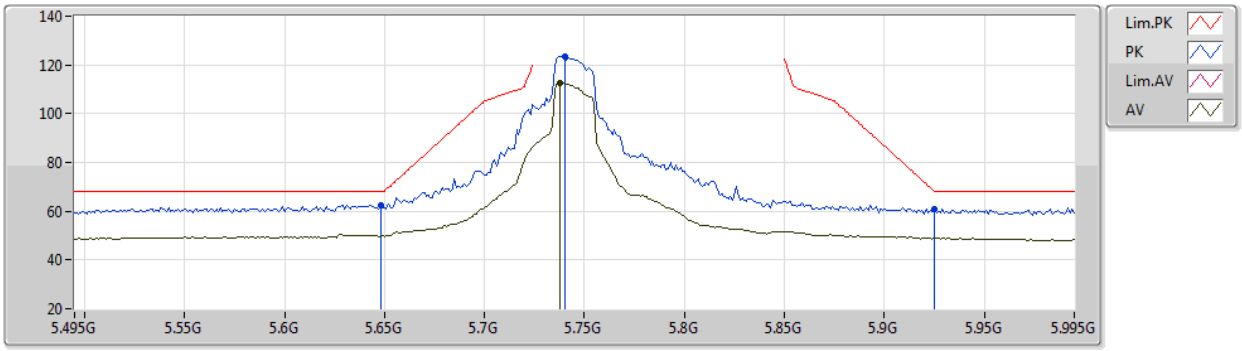
EUT Z_4TX
Setting 104
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.452G	57.01	74.00	-16.99	41.51	3	Horizontal	200	1.92	-	41.55	8.11	34.16
AV	11.44762G	43.93	54.00	-10.07	28.44	3	Horizontal	200	1.92	-	41.54	8.11	34.16

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

13/07/2020

5745MHz_TX



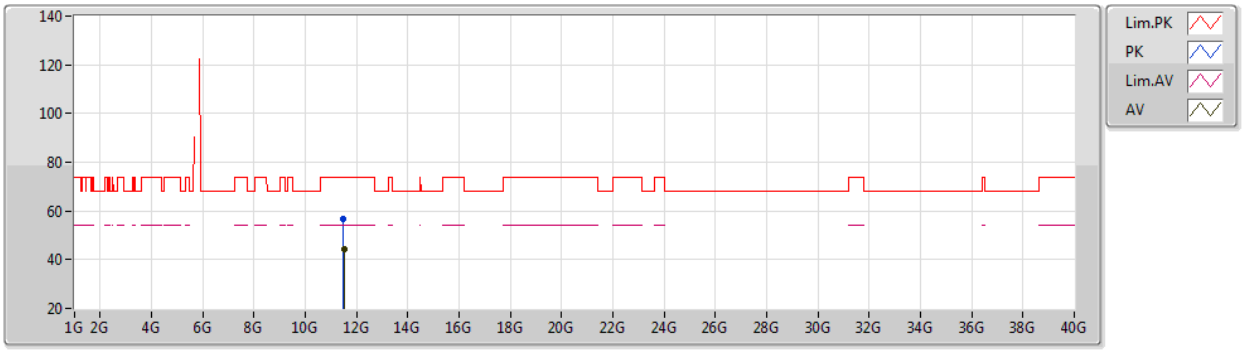
EUT Z_4TX
Setting 97
06-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.648G	62.45	68.20	-5.75	54.36	3	Vertical	179	2.39	-	34.05	5.84	31.80
PK	5.74G	123.64	Inf	-Inf	115.42	3	Vertical	179	2.39	-	34.04	5.93	31.75
AV	5.738G	112.67	Inf	-Inf	104.45	3	Vertical	179	2.39	-	34.04	5.93	31.75
PK	5.925G	61.04	68.20	-7.16	52.33	3	Vertical	179	2.39	-	34.43	5.94	31.66

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

13/07/2020

5745MHz_TX



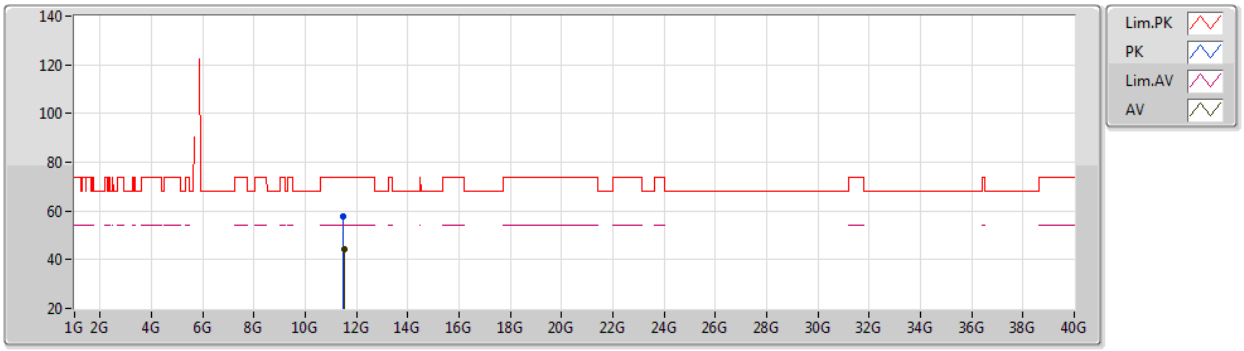
EUT Z_4TX
Setting 97
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4882G	56.79	74.00	-17.21	41.20	3	Vertical	263	2.63	-	41.63	8.12	34.16
AV	11.50008G	44.45	54.00	-9.55	28.84	3	Vertical	263	2.63	-	41.65	8.13	34.17

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

13/07/2020

5745MHz_TX



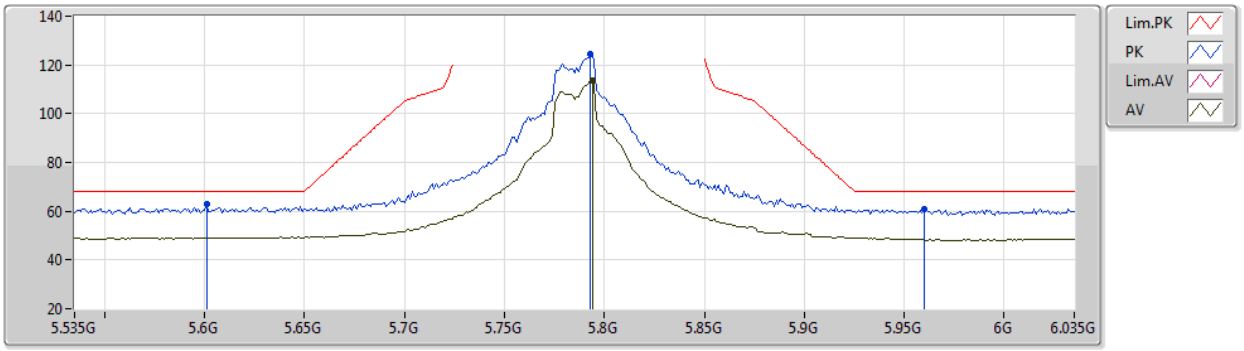
EUT Z_4TX
Setting 97
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48172G	57.52	74.00	-16.48	41.95	3	Horizontal	288	1.14	-	41.61	8.12	34.16
AV	11.50128G	44.49	54.00	-9.51	28.88	3	Horizontal	288	1.14	-	41.65	8.13	34.17

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

13/07/2020

5785MHz_TX



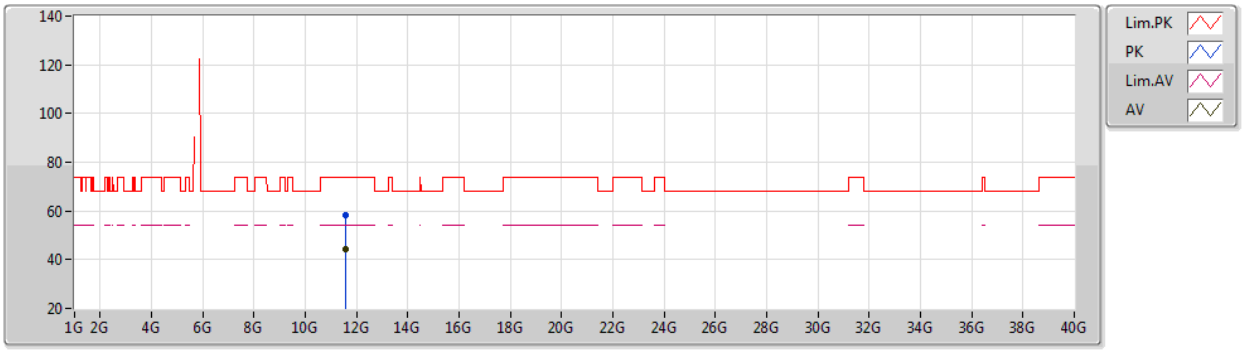
EUT Z_4TX
Setting 104
06-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.601G	62.70	68.20	-5.50	54.62	3	Vertical	27	1.80	-	34.10	5.80	31.82
PK	5.793G	124.31	Inf	-Inf	115.96	3	Vertical	27	1.80	-	34.09	5.99	31.73
AV	5.794G	113.76	Inf	-Inf	105.41	3	Vertical	27	1.80	-	34.09	5.99	31.73
PK	5.96G	60.93	68.20	-7.27	52.20	3	Vertical	27	1.80	-	34.46	5.92	31.65

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

13/07/2020

5785MHz_TX



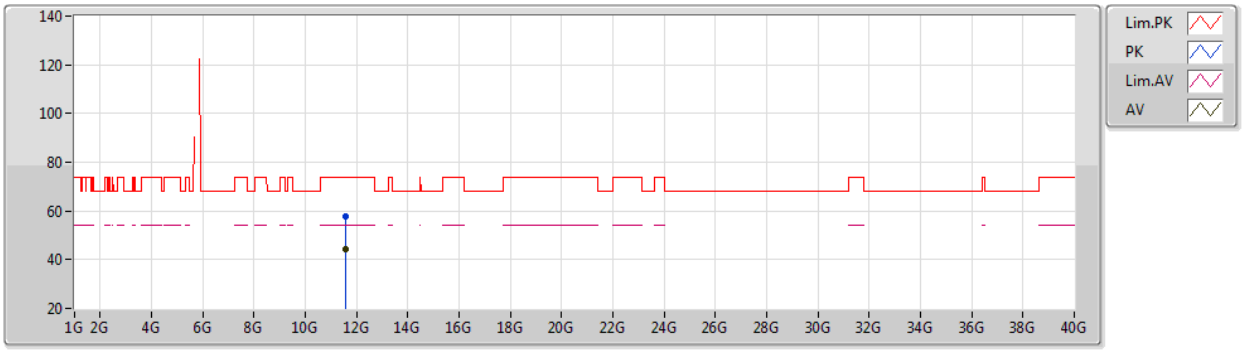
EUT Z_4TX
Setting 104
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56946G	58.50	74.00	-15.50	42.72	3	Vertical	13	1.00	-	41.80	8.15	34.17
AV	11.5661G	44.43	54.00	-9.57	28.66	3	Vertical	13	1.00	-	41.79	8.15	34.17

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

13/07/2020

5785MHz_TX



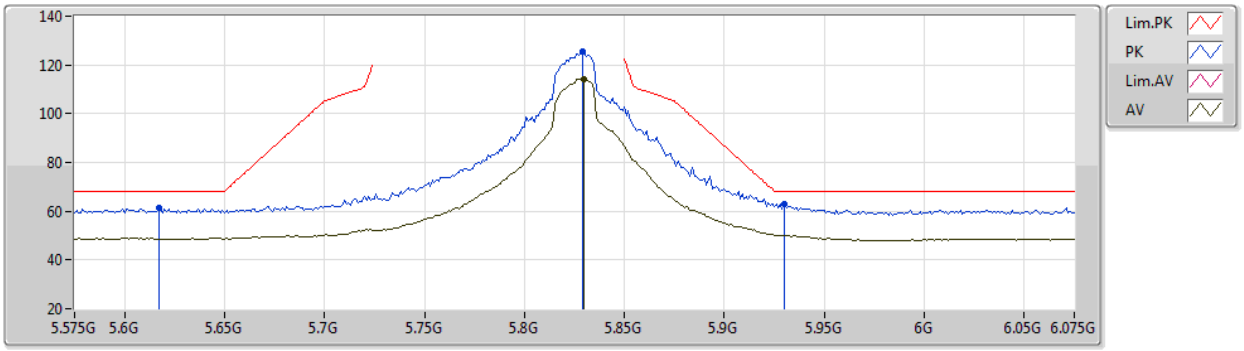
EUT Z_4TX
Setting 104
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5586G	57.69	74.00	-16.31	41.94	3	Horizontal	269	1.55	-	41.77	8.15	34.17
AV	11.56712G	44.47	54.00	-9.53	28.70	3	Horizontal	269	1.55	-	41.79	8.15	34.17

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

13/07/2020

5825MHz_TX



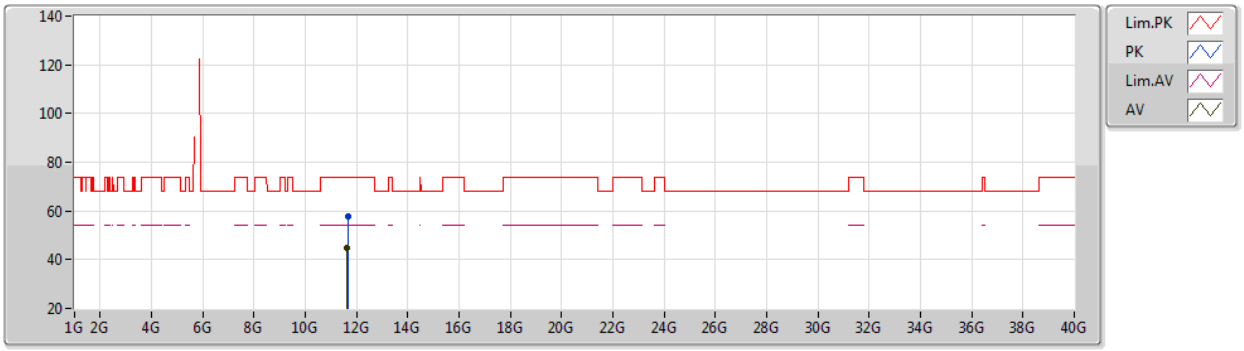
EUT Z_4TX
Setting 104
06-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.617G	61.56	68.20	-6.64	53.47	3	Vertical	24	1.85	-	34.08	5.82	31.81
PK	5.829G	125.46	Inf	-Inf	116.99	3	Vertical	24	1.85	-	34.19	5.99	31.71
AV	5.83G	114.26	Inf	-Inf	105.79	3	Vertical	24	1.85	-	34.19	5.99	31.71
PK	5.93G	63.04	68.20	-5.16	54.33	3	Vertical	24	1.85	-	34.43	5.94	31.66

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

13/07/2020



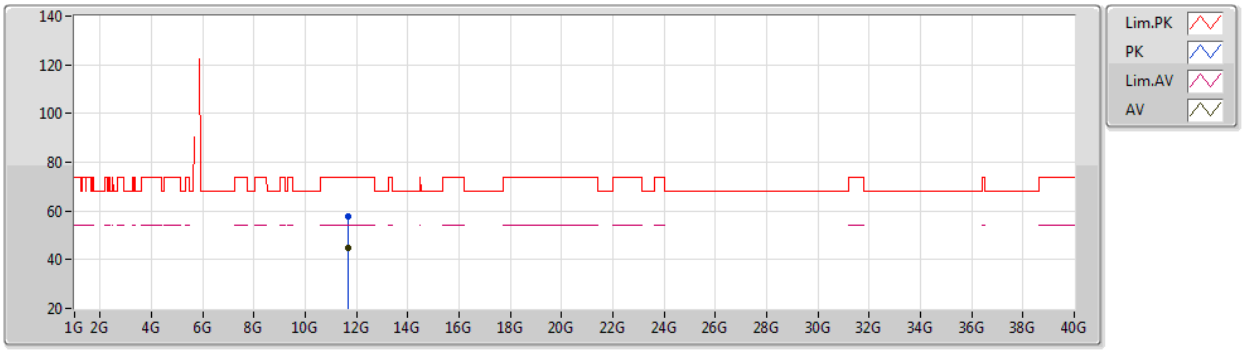
EUT Z_4TX
Setting 104
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65138G	57.56	74.00	-16.44	41.58	3	Vertical	290	2.06	-	41.97	8.18	34.17
AV	11.64094G	44.83	54.00	-9.17	28.88	3	Vertical	290	2.06	-	41.95	8.17	34.17

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

13/07/2020

5825MHz_TX



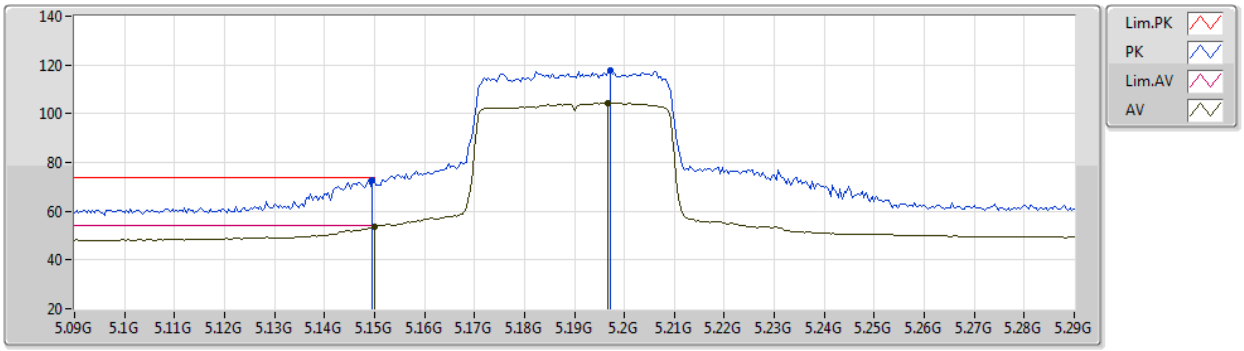
EUT Z_4TX
Setting 104
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65852G	57.89	74.00	-16.11	41.90	3	Horizontal	63	1.78	-	41.98	8.18	34.17
AV	11.64892G	44.86	54.00	-9.14	28.89	3	Horizontal	63	1.78	-	41.96	8.18	34.17

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

13/07/2020



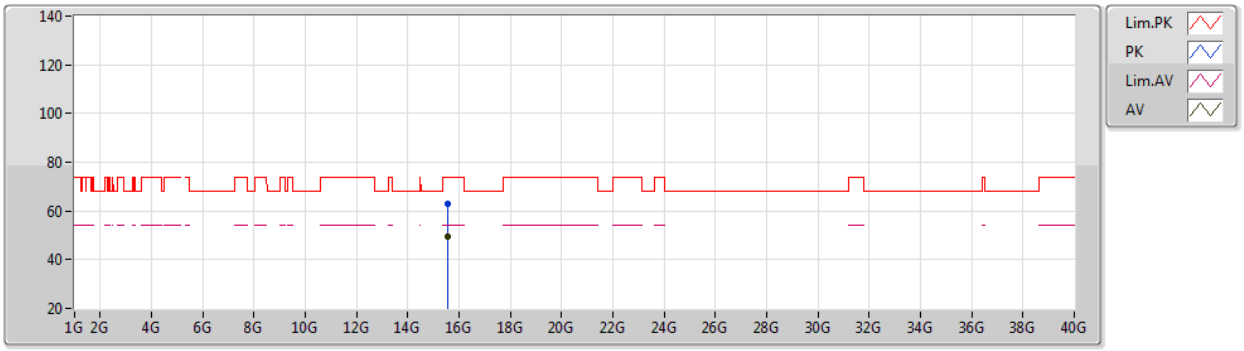
EUT Z_4TX
Setting 72
06-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	72.94	74.00	-1.06	64.42	3	Vertical	4	1.42	-	34.55	5.60	31.63
AV	5.15G	53.50	54.00	-0.50	44.98	3	Vertical	4	1.42	-	34.55	5.60	31.63
PK	5.1972G	117.60	Inf	-Inf	108.98	3	Vertical	4	1.42	-	34.69	5.60	31.67
AV	5.1968G	104.49	Inf	-Inf	95.87	3	Vertical	4	1.42	-	34.69	5.60	31.67

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

13/07/2020



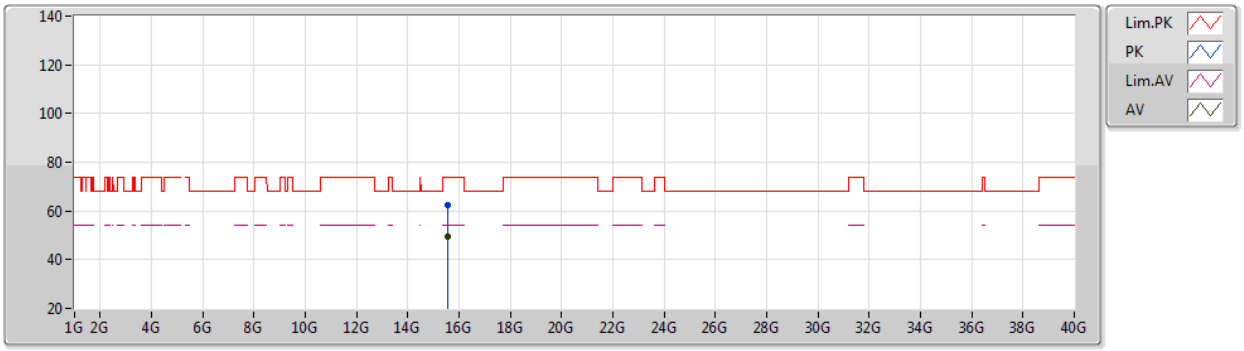
EUT Z_4TX
Setting 72
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.5754G	62.85	74.00	-11.15	45.21	3	Vertical	45	2.89	-	43.15	8.74	34.25
AV	15.57192G	49.41	54.00	-4.59	31.76	3	Vertical	45	2.89	-	43.16	8.74	34.25

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

13/07/2020



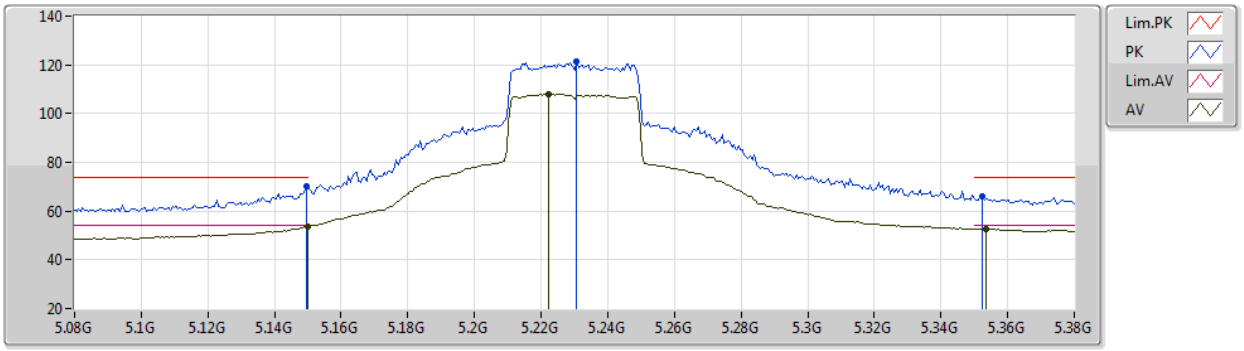
EUT Z_4TX
Setting 72
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.56016G	62.29	74.00	-11.71	44.64	3	Horizontal	357	1.37	-	43.16	8.74	34.25
AV	15.5712G	49.24	54.00	-4.76	31.59	3	Horizontal	357	1.37	-	43.16	8.74	34.25

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

13/07/2020



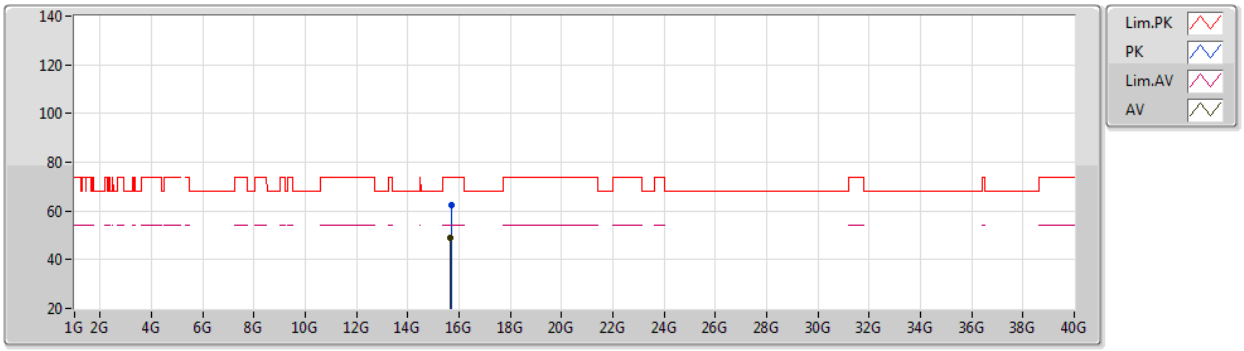
EUT Z_4TX
Setting 94
06-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	69.92	74.00	-4.08	61.40	3	Vertical	186	1.67	-	34.55	5.60	31.63
AV	5.15G	53.58	54.00	-0.42	45.06	3	Vertical	186	1.67	-	34.55	5.60	31.63
PK	5.2306G	121.16	Inf	-Inf	112.52	3	Vertical	186	1.67	-	34.70	5.63	31.69
AV	5.2222G	107.99	Inf	-Inf	99.36	3	Vertical	186	1.67	-	34.70	5.62	31.69
PK	5.3524G	65.80	74.00	-8.20	57.18	3	Vertical	186	1.67	-	34.65	5.75	31.78
AV	5.3536G	52.64	54.00	-1.36	44.02	3	Vertical	186	1.67	-	34.65	5.75	31.78

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

13/07/2020

5230MHz_TX



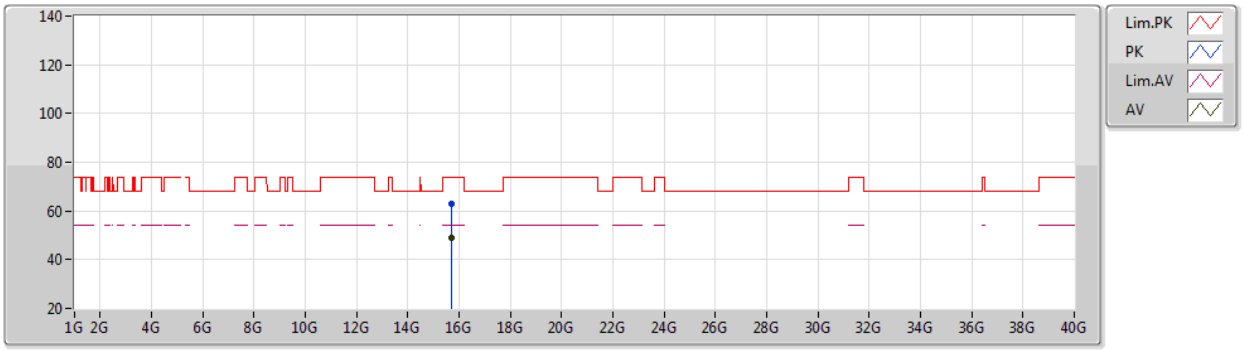
EUT Z_4TX
Setting 94
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.68718G	62.30	74.00	-11.70	44.73	3	Vertical	57	2.76	-	43.09	8.73	34.25
AV	15.67908G	49.12	54.00	-4.88	31.55	3	Vertical	57	2.76	-	43.09	8.73	34.25

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

13/07/2020

5230MHz_TX



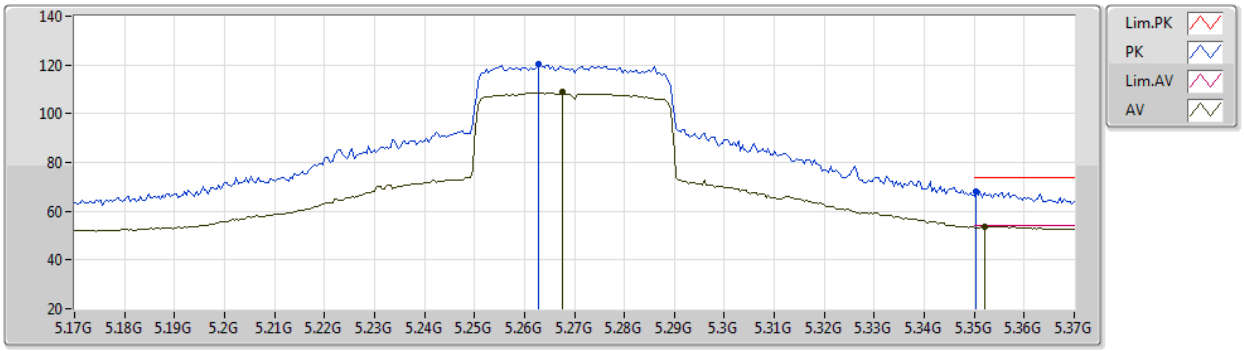
EUT Z_4TX
Setting 94
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.68874G	63.00	74.00	-11.00	45.43	3	Horizontal	0	1.18	-	43.09	8.73	34.25
AV	15.68586G	49.09	54.00	-4.91	31.52	3	Horizontal	0	1.18	-	43.09	8.73	34.25

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5270MHz_TX

08/07/2020



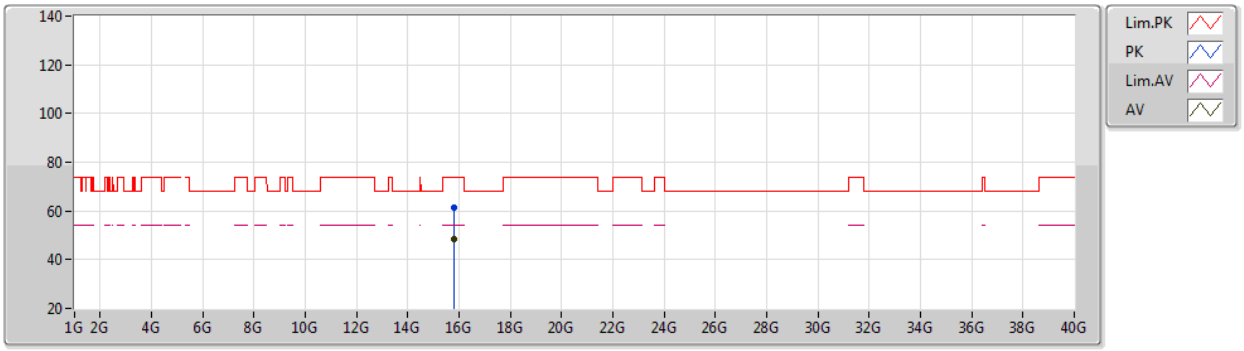
EUT Z_4TX
Setting 87
06-I-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.2628G	120.26	Inf	-Inf	111.61	3	Vertical	349	1.48	-	34.70	5.66	31.71
AV	5.2676G	109.09	Inf	-Inf	100.44	3	Vertical	349	1.48	-	34.70	5.67	31.72
PK	5.3504G	68.10	74.00	-5.90	59.48	3	Vertical	349	1.48	-	34.65	5.75	31.78
AV	5.352G	53.78	54.00	-0.22	45.16	3	Vertical	349	1.48	-	34.65	5.75	31.78

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5270MHz_TX

08/07/2020



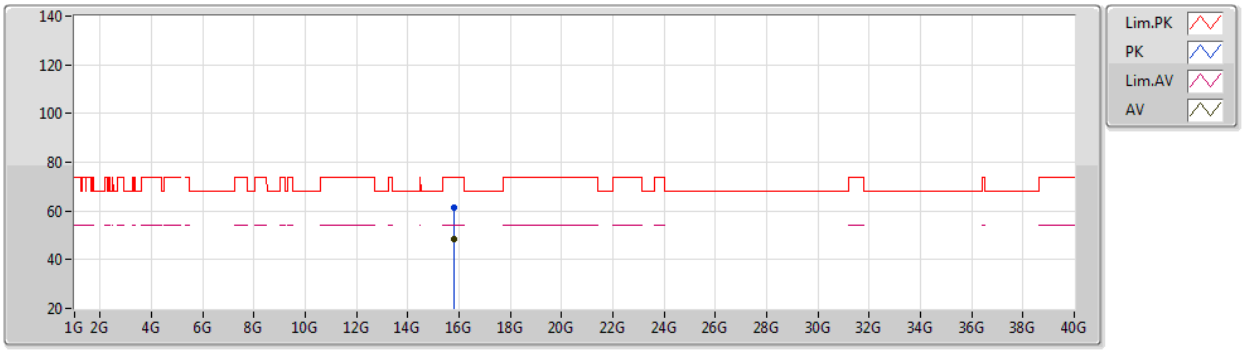
EUT Z_4TX
Setting 87
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.8202G	61.18	74.00	-12.82	43.70	3	Vertical	47	2.76	-	43.01	8.72	34.25
AV	15.81012G	48.39	54.00	-5.61	30.91	3	Vertical	47	2.76	-	43.01	8.72	34.25

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5270MHz_TX

08/07/2020



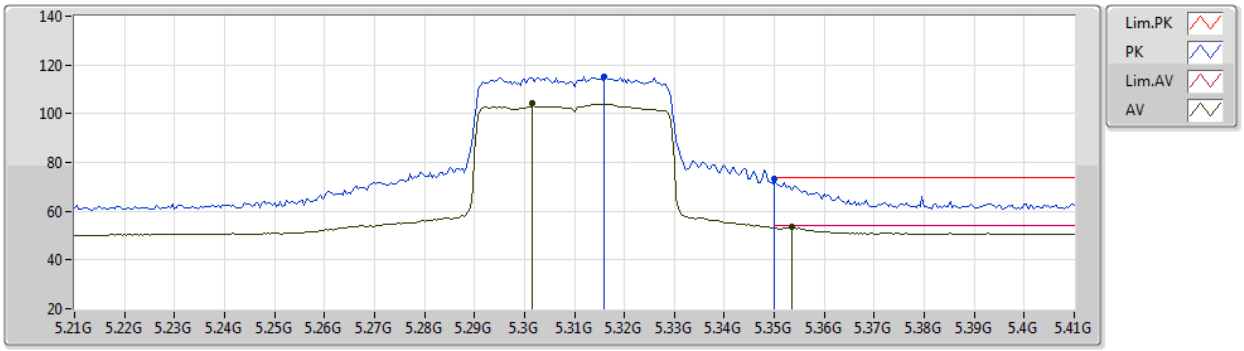
EUT Z_4TX
Setting 87
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.79776G	61.52	74.00	-12.48	44.03	3	Horizontal	196	1.55	-	43.02	8.72	34.25
AV	15.82206G	48.32	54.00	-5.68	30.84	3	Horizontal	196	1.55	-	43.01	8.72	34.25

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5310MHz_TX

08/07/2020



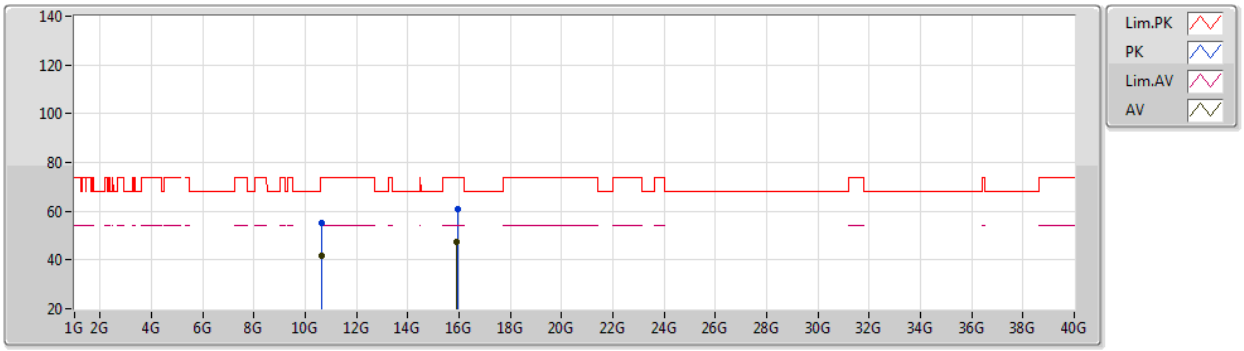
EUT Z_4TX
Setting 73
06-I-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.316G	115.38	Inf	-Inf	106.73	3	Vertical	360	1.18	-	34.68	5.72	31.75
AV	5.3016G	104.36	Inf	-Inf	95.70	3	Vertical	360	1.18	-	34.70	5.70	31.74
PK	5.35G	73.14	74.00	-0.86	64.51	3	Vertical	360	1.18	-	34.65	5.75	31.77
AV	5.3536G	53.83	54.00	-0.17	45.21	3	Vertical	360	1.18	-	34.65	5.75	31.78

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5310MHz_TX

08/07/2020



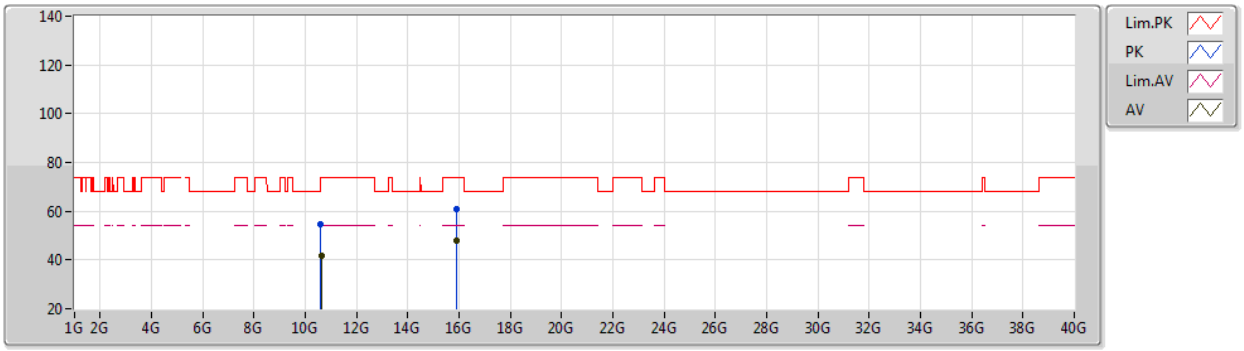
EUT Z_4TX
Setting 73
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.62798G	54.98	74.00	-19.02	41.15	3	Vertical	76	1.11	-	40.00	7.82	33.99
AV	10.635G	41.75	54.00	-12.25	27.90	3	Vertical	76	1.11	-	40.02	7.82	33.99
PK	15.93234G	60.75	74.00	-13.25	43.35	3	Vertical	233	1.62	-	42.94	8.71	34.25
AV	15.91758G	47.60	54.00	-6.40	30.19	3	Vertical	233	1.62	-	42.95	8.71	34.25

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5310MHz_TX

08/07/2020



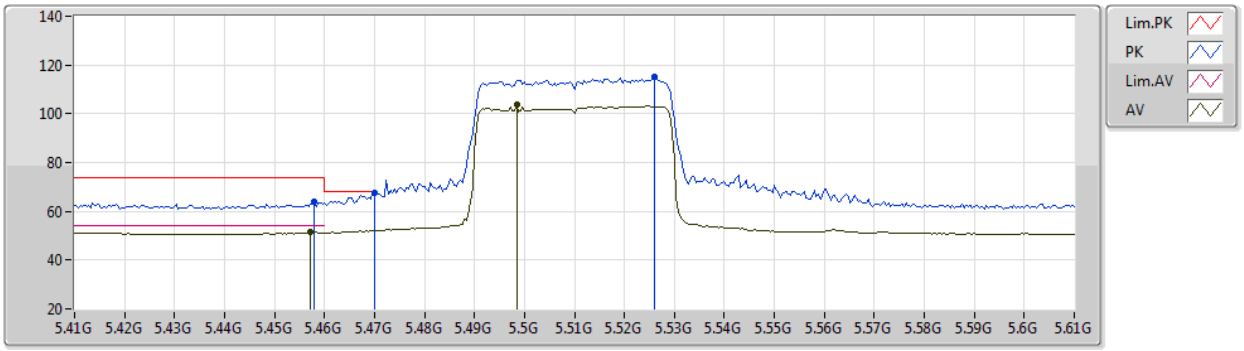
EUT Z_4TX
Setting 73
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.60614G	54.68	74.00	-19.32	40.88	3	Horizontal	354	1.74	-	39.97	7.81	33.98
AV	10.62636G	41.85	54.00	-12.15	28.02	3	Horizontal	354	1.74	-	40.00	7.82	33.99
PK	15.91608G	60.90	74.00	-13.10	43.49	3	Horizontal	144	1.77	-	42.95	8.71	34.25
AV	15.91662G	47.75	54.00	-6.25	30.34	3	Horizontal	144	1.77	-	42.95	8.71	34.25

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5510MHz_TX

08/07/2020



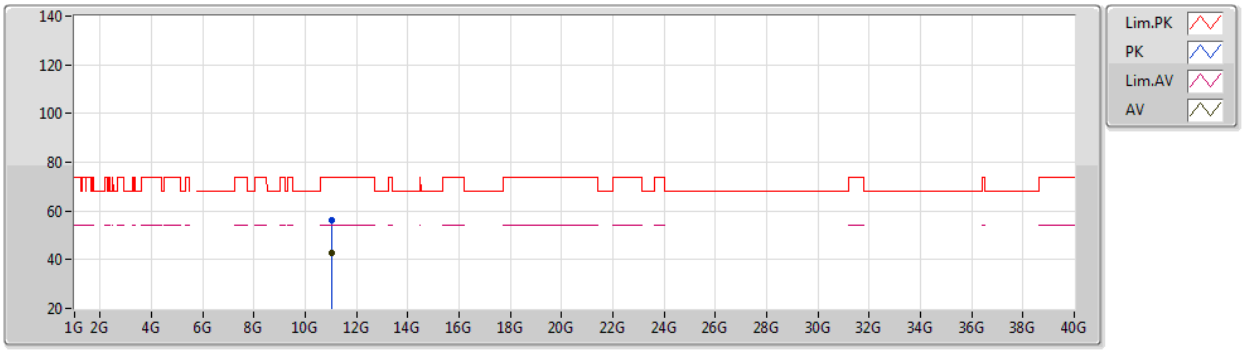
EUT Z_4TX
Setting 66
06-I-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.458G	64.18	74.00	-9.82	55.85	3	Vertical	176	1.80	-	34.37	5.80	31.84
AV	5.4572G	51.42	54.00	-2.58	43.09	3	Vertical	176	1.80	-	34.37	5.80	31.84
PK	5.47G	67.75	68.20	-0.45	59.48	3	Vertical	176	1.80	-	34.32	5.80	31.85
PK	5.526G	115.43	Inf	-Inf	107.32	3	Vertical	176	1.80	-	34.17	5.80	31.86
AV	5.4984G	103.59	Inf	-Inf	95.45	3	Vertical	176	1.80	-	34.21	5.80	31.87

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5510MHz_TX

08/07/2020



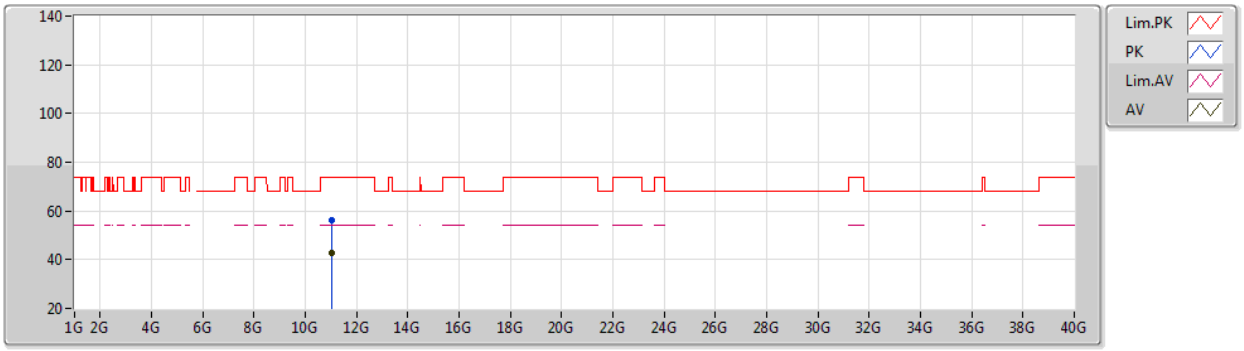
EUT Z_4TX
Setting 66
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.0134G	56.33	74.00	-17.67	41.91	3	Vertical	329	1.02	-	40.63	7.95	34.16
AV	11.00926G	42.84	54.00	-11.16	28.43	3	Vertical	329	1.02	-	40.62	7.95	34.16

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5510MHz_TX

08/07/2020



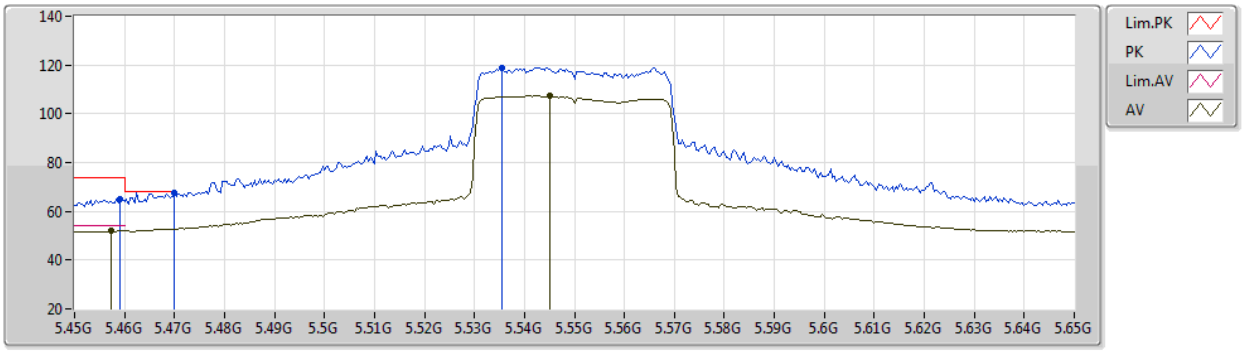
EUT Z_4TX
Setting 66
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.01016G	56.30	74.00	-17.70	41.89	3	Horizontal	86	2.91	-	40.62	7.95	34.16
AV	11.0176G	42.84	54.00	-11.16	28.40	3	Horizontal	86	2.91	-	40.64	7.96	34.16

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5550MHz_TX

08/07/2020



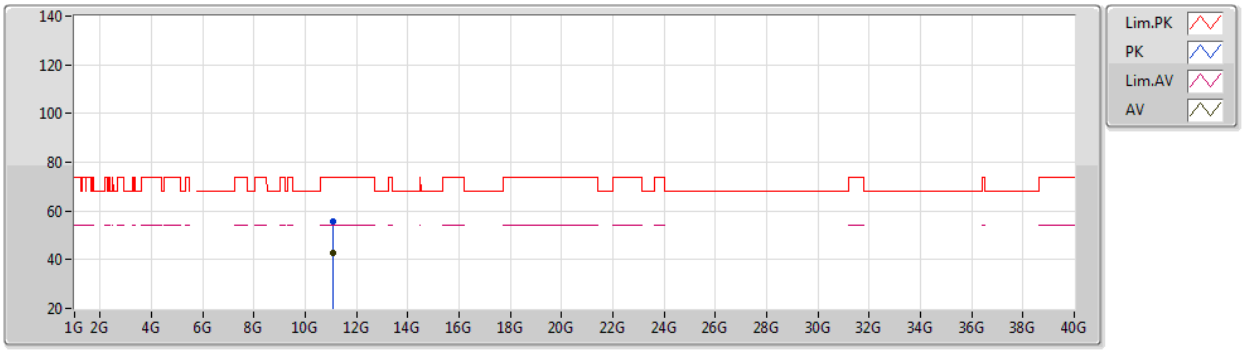
EUT Z_4TX
Setting 83
06-I-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4592G	65.16	74.00	-8.84	56.85	3	Vertical	351	1.31	-	34.36	5.80	31.85
AV	5.4572G	51.88	54.00	-2.12	43.55	3	Vertical	351	1.31	-	34.37	5.80	31.84
PK	5.47G	67.56	68.20	-0.64	59.29	3	Vertical	351	1.31	-	34.32	5.80	31.85
PK	5.5356G	119.00	Inf	-Inf	110.89	3	Vertical	351	1.31	-	34.16	5.80	31.85
AV	5.5452G	107.52	Inf	-Inf	99.42	3	Vertical	351	1.31	-	34.15	5.80	31.85

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5550MHz_TX

08/07/2020



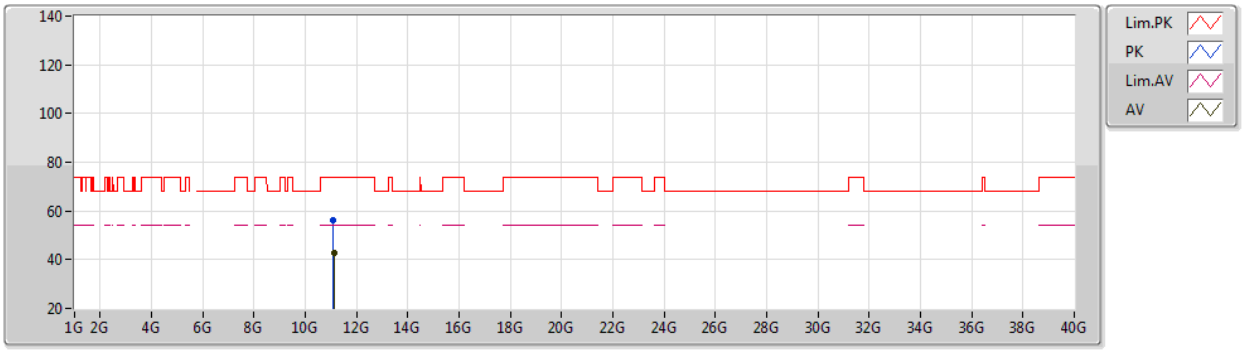
EUT Z_4TX
Setting 83
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.08758G	55.81	74.00	-18.19	41.21	3	Vertical	107	2.56	-	40.78	7.98	34.16
AV	11.10066G	42.82	54.00	-11.18	28.18	3	Vertical	107	2.56	-	40.81	7.99	34.16

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5550MHz_TX

08/07/2020



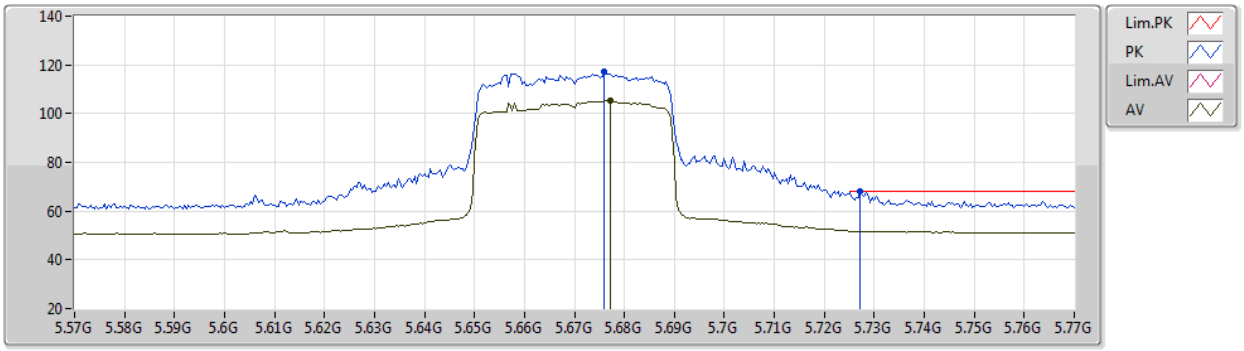
EUT Z_4TX
Setting 83
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.09472G	56.04	74.00	-17.96	41.42	3	Horizontal	335	1.53	-	40.80	7.98	34.16
AV	11.10984G	42.78	54.00	-11.22	28.12	3	Horizontal	335	1.53	-	40.83	7.99	34.16

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5670MHz_TX

08/07/2020



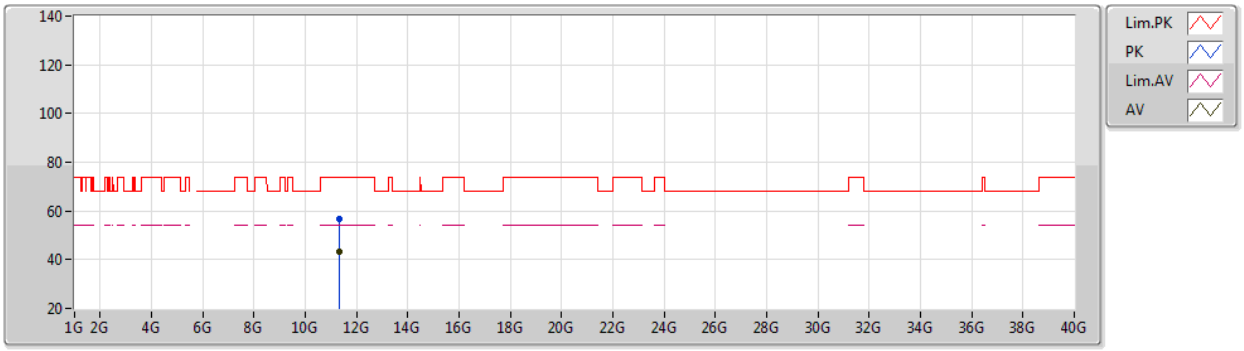
EUT Z_4TX
Setting 69
06-I-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.676G	117.21	Inf	-Inf	109.10	3	Vertical	155	1.80	-	34.02	5.87	31.78
AV	5.6772G	105.28	Inf	-Inf	97.17	3	Vertical	155	1.80	-	34.02	5.87	31.78
PK	5.7272G	67.97	68.20	-0.23	59.78	3	Vertical	155	1.80	-	34.03	5.92	31.76

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5670MHz_TX

08/07/2020



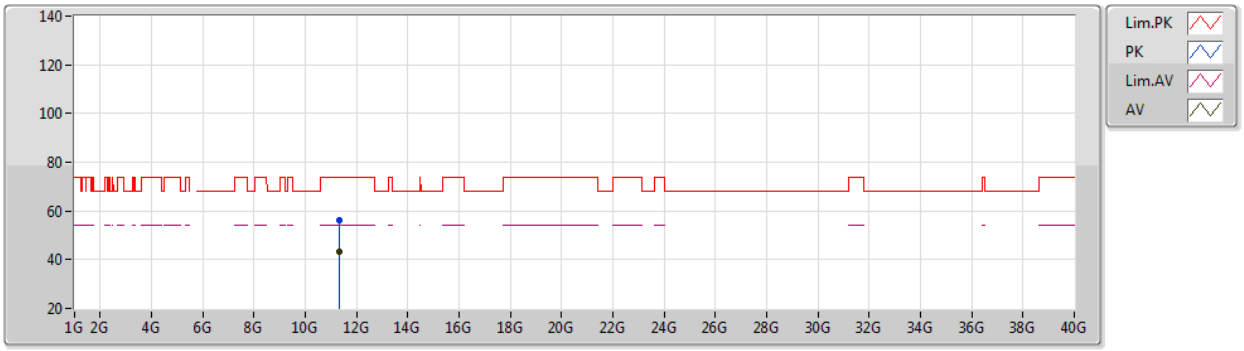
EUT Z_4TX
Setting 69
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.34696G	56.65	74.00	-17.35	41.41	3	Vertical	289	1.98	-	41.33	8.07	34.16
AV	11.34888G	43.36	54.00	-10.64	28.12	3	Vertical	289	1.98	-	41.33	8.07	34.16

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5670MHz_TX

08/07/2020



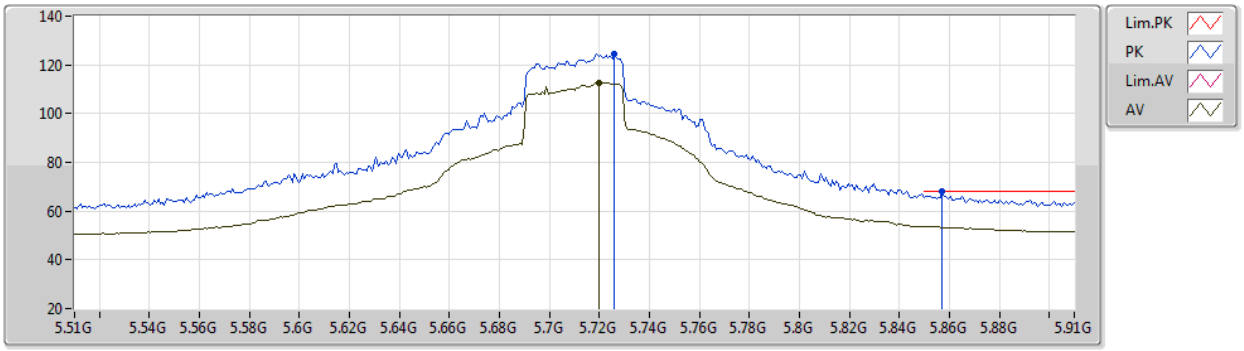
EUT Z_4TX
Setting 69
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.34204G	56.20	74.00	-17.80	40.97	3	Horizontal	338	2.54	-	41.32	8.07	34.16
AV	11.3466G	43.40	54.00	-10.60	28.16	3	Horizontal	338	2.54	-	41.33	8.07	34.16

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX

08/07/2020



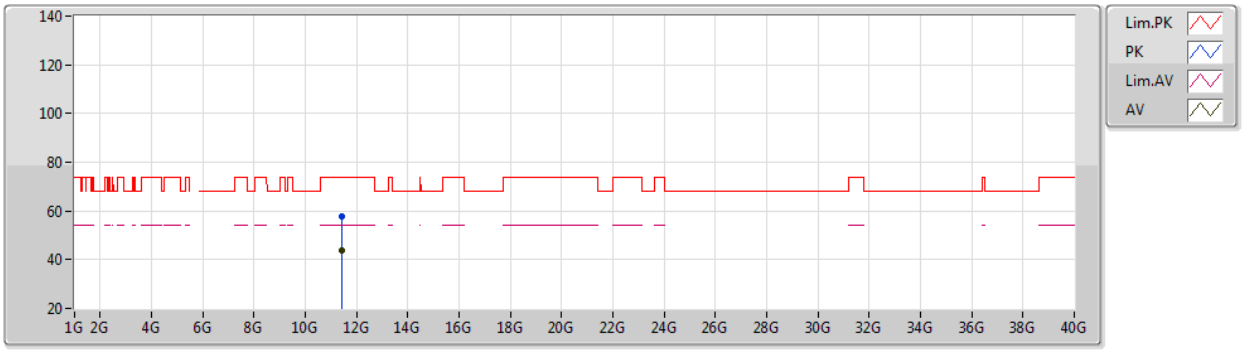
EUT Z_4TX
Setting 98
06-I-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.726G	124.60	Inf	-Inf	116.41	3	Vertical	154	1.80	-	34.03	5.92	31.76
AV	5.7196G	112.75	Inf	-Inf	104.58	3	Vertical	154	1.80	-	34.02	5.91	31.76
PK	5.8572G	67.98	68.20	-0.22	59.44	3	Vertical	154	1.80	-	34.27	5.97	31.70

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX

08/07/2020



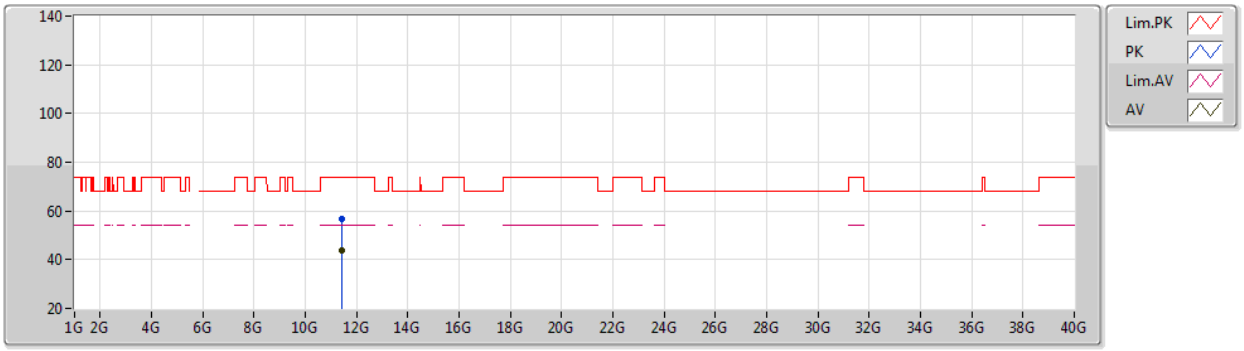
EUT Z_4TX
Setting 98
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.40704G	57.55	74.00	-16.45	42.17	3	Vertical	339	1.80	-	41.45	8.09	34.16
AV	11.42864G	43.78	54.00	-10.22	28.34	3	Vertical	339	1.80	-	41.50	8.10	34.16

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX

08/07/2020



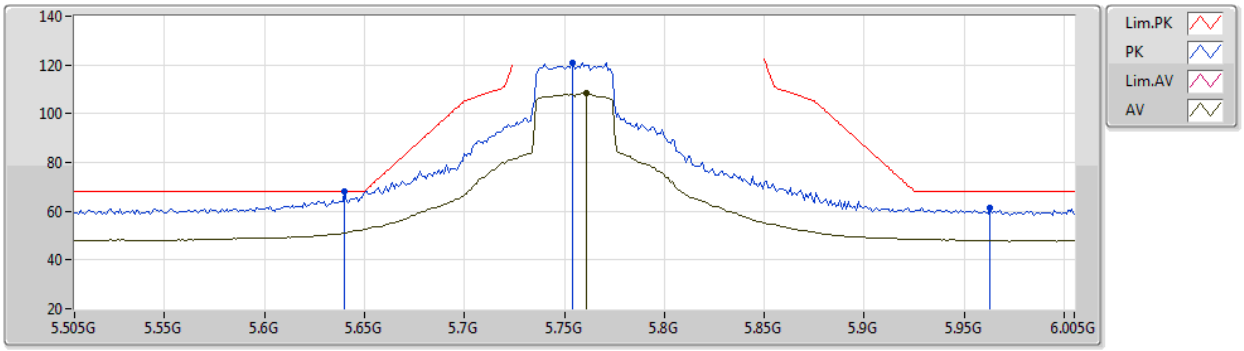
EUT Z_4TX
Setting 98
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.42456G	56.81	74.00	-17.19	41.38	3	Horizontal	112	1.87	-	41.49	8.10	34.16
AV	11.42894G	43.59	54.00	-10.41	28.15	3	Horizontal	112	1.87	-	41.50	8.10	34.16

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

13/07/2020



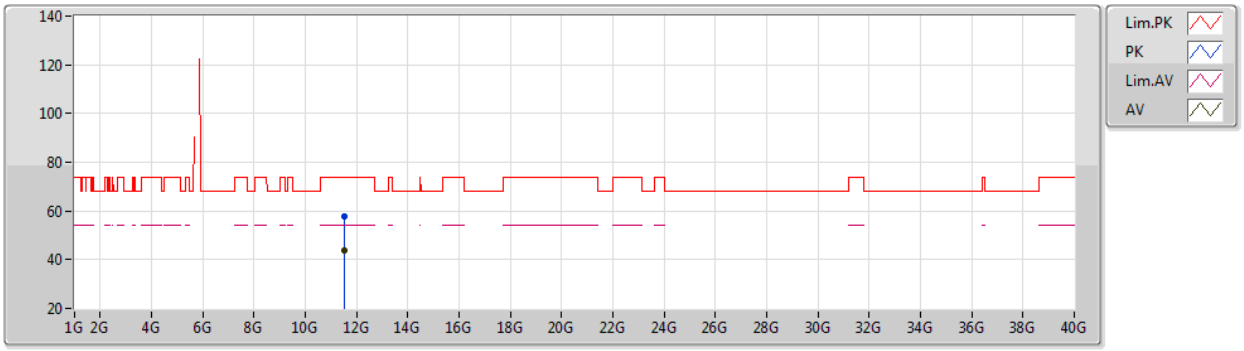
EUT Z_4TX
Setting 92
06-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.64G	67.91	68.20	-0.29	59.81	3	Vertical	344	1.80	-	34.06	5.84	31.80
PK	5.754G	120.87	Inf	-Inf	112.62	3	Vertical	344	1.80	-	34.05	5.95	31.75
AV	5.761G	108.38	Inf	-Inf	100.11	3	Vertical	344	1.80	-	34.06	5.96	31.75
PK	5.963G	61.24	68.20	-6.96	52.50	3	Vertical	344	1.80	-	34.46	5.92	31.64

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

13/07/2020

5755MHz_TX



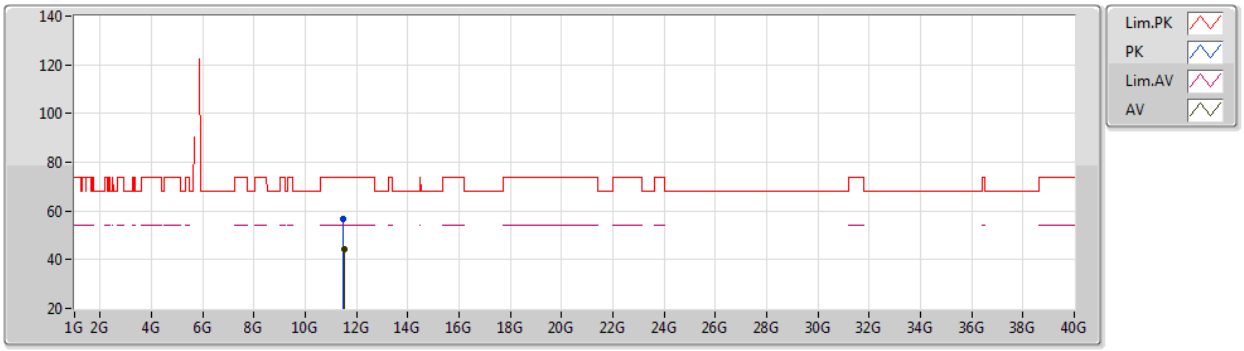
EUT Z_4TX
Setting 92
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5241G	57.53	74.00	-16.47	41.87	3	Vertical	53	2.86	-	41.70	8.13	34.17
AV	11.51948G	44.04	54.00	-9.96	28.39	3	Vertical	53	2.86	-	41.69	8.13	34.17

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

13/07/2020

5755MHz_TX



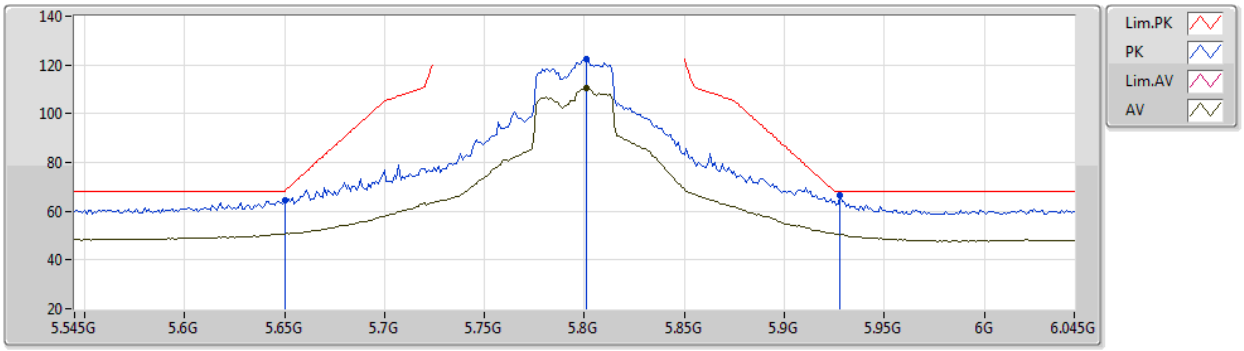
EUT Z_4TX
Setting 92
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4998G	56.95	74.00	-17.05	41.34	3	Horizontal	185	1.43	-	41.65	8.12	34.16
AV	11.52374G	44.08	54.00	-9.92	28.42	3	Horizontal	185	1.43	-	41.70	8.13	34.17

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

13/07/2020



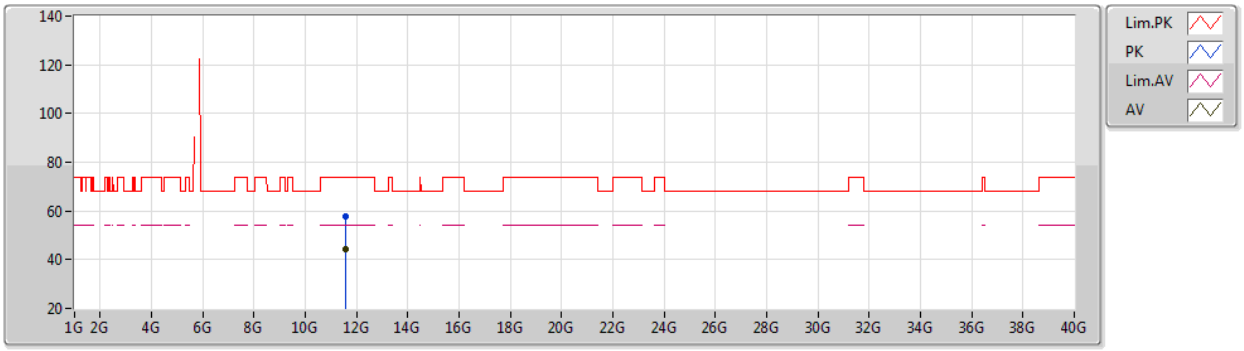
EUT Z_4TX
Setting 101
06-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	64.50	68.20	-3.70	56.41	3	Vertical	26	1.80	-	34.05	5.84	31.80
PK	5.801G	122.20	Inf	-Inf	113.83	3	Vertical	26	1.80	-	34.10	6.00	31.73
AV	5.801G	110.75	Inf	-Inf	102.38	3	Vertical	26	1.80	-	34.10	6.00	31.73
PK	5.928G	66.33	68.20	-1.87	57.62	3	Vertical	26	1.80	-	34.43	5.94	31.66

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

13/07/2020

5795MHz_TX



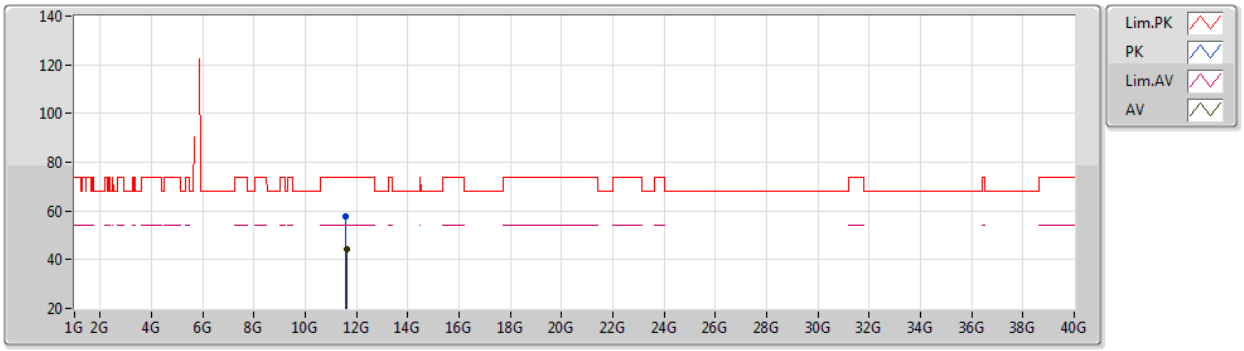
EUT Z_4TX
Setting 101
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.58952G	57.96	74.00	-16.04	42.13	3	Vertical	266	2.32	-	41.84	8.16	34.17
AV	11.59822G	44.21	54.00	-9.79	28.36	3	Vertical	266	2.32	-	41.86	8.16	34.17

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

13/07/2020



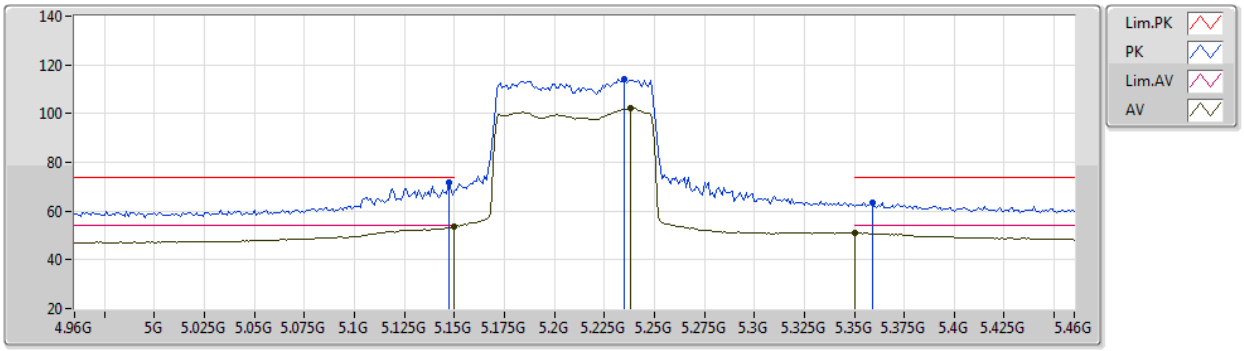
EUT Z_4TX
Setting 101
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.58694G	57.74	74.00	-16.26	41.92	3	Horizontal	24	2.94	-	41.83	8.16	34.17
AV	11.6023G	44.09	54.00	-9.91	28.24	3	Horizontal	24	2.94	-	41.86	8.16	34.17

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

13/07/2020

5210MHz_TX



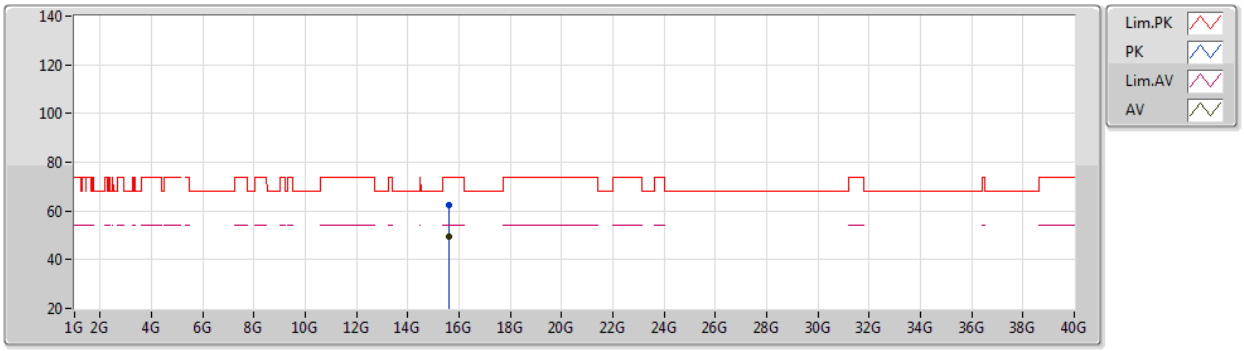
EUT Z_4TX
Setting 75
06-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.147G	71.68	74.00	-2.32	63.17	3	Vertical	79	1.58	-	34.54	5.60	31.63
AV	5.15G	53.84	54.00	-0.16	45.32	3	Vertical	79	1.58	-	34.55	5.60	31.63
PK	5.235G	114.34	Inf	-Inf	105.70	3	Vertical	79	1.58	-	34.70	5.63	31.69
AV	5.238G	102.10	Inf	-Inf	93.46	3	Vertical	79	1.58	-	34.70	5.64	31.70
PK	5.359G	63.64	74.00	-10.36	55.02	3	Vertical	79	1.58	-	34.64	5.76	31.78
AV	5.35G	50.99	54.00	-3.01	42.36	3	Vertical	79	1.58	-	34.65	5.75	31.77

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TX

13/07/2020



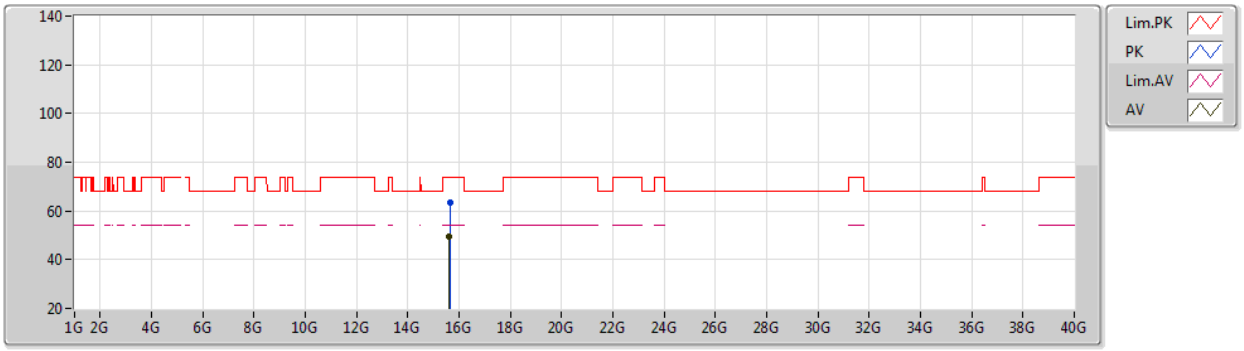
EUT Z_4TX
Setting 75
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.63G	62.56	74.00	-11.44	44.95	3	Vertical	295	1.03	-	43.12	8.74	34.25
AV	15.61704G	49.25	54.00	-4.75	31.63	3	Vertical	295	1.03	-	43.13	8.74	34.25

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TX

13/07/2020



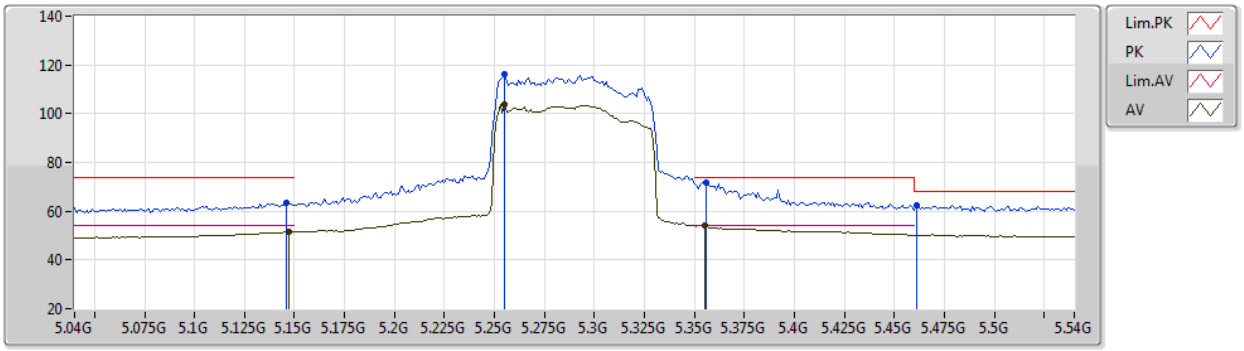
EUT Z_4TX
Setting 75
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.6426G	63.19	74.00	-10.81	45.59	3	Horizontal	354	2.48	-	43.11	8.74	34.25
AV	15.6234G	49.33	54.00	-4.67	31.71	3	Horizontal	354	2.48	-	43.13	8.74	34.25

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5290MHz_TX

08/07/2020



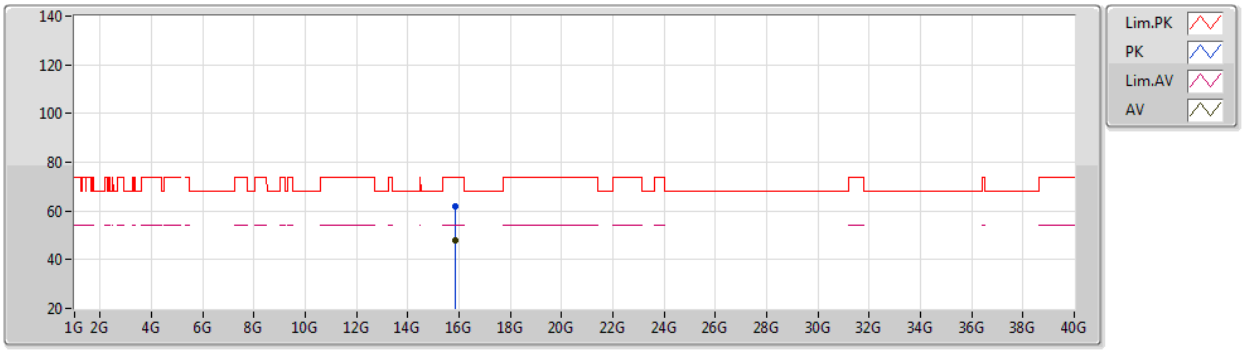
EUT Z_4TX
Setting 75
06-I-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.146G	63.32	74.00	-10.68	54.81	3	Vertical	70	1.31	-	34.54	5.60	31.63
AV	5.147G	51.65	54.00	-2.35	43.14	3	Vertical	70	1.31	-	34.54	5.60	31.63
PK	5.255G	116.08	Inf	-Inf	107.44	3	Vertical	70	1.31	-	34.70	5.65	31.71
AV	5.255G	103.76	Inf	-Inf	95.12	3	Vertical	70	1.31	-	34.70	5.65	31.71
PK	5.356G	71.88	74.00	-2.12	63.26	3	Vertical	70	1.31	-	34.64	5.76	31.78
AV	5.355G	53.91	54.00	-0.09	45.29	3	Vertical	70	1.31	-	34.65	5.75	31.78
PK	5.461G	62.28	68.20	-5.92	53.97	3	Vertical	70	1.31	-	34.36	5.80	31.85

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5290MHz_TX

08/07/2020



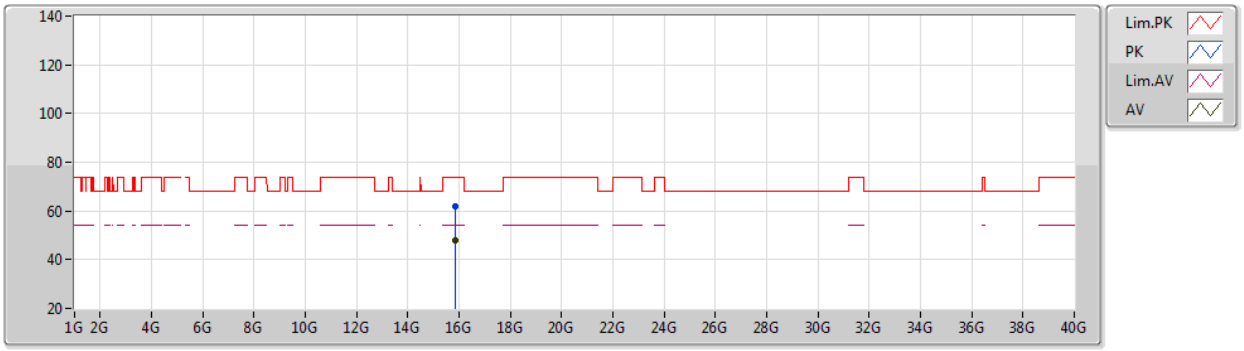
EUT Z_4TX
Setting 75
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.85506G	62.08	74.00	-11.92	44.63	3	Vertical	314	1.63	-	42.99	8.71	34.25
AV	15.87258G	47.95	54.00	-6.05	30.51	3	Vertical	314	1.63	-	42.98	8.71	34.25

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5290MHz_TX

08/07/2020



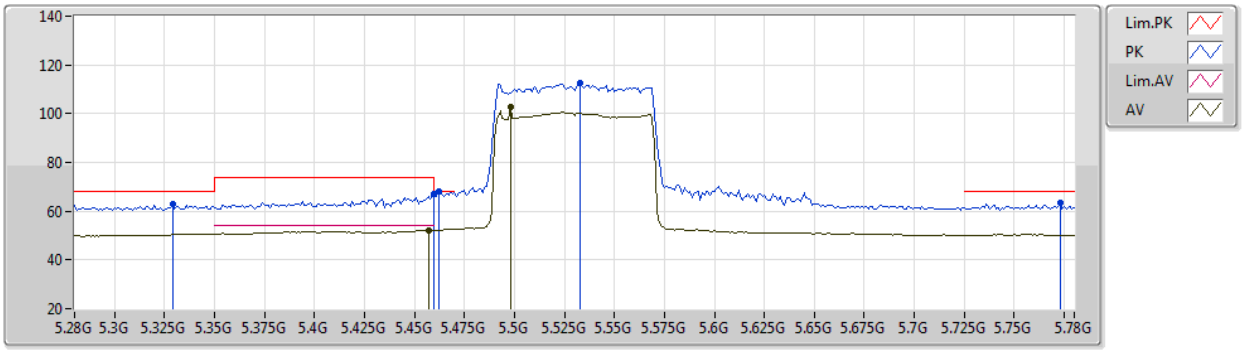
EUT Z_4TX
Setting 75
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.87162G	61.69	74.00	-12.31	44.25	3	Horizontal	209	2.80	-	42.98	8.71	34.25
AV	15.86322G	48.01	54.00	-5.99	30.57	3	Horizontal	209	2.80	-	42.98	8.71	34.25

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5530MHz_TX

08/07/2020



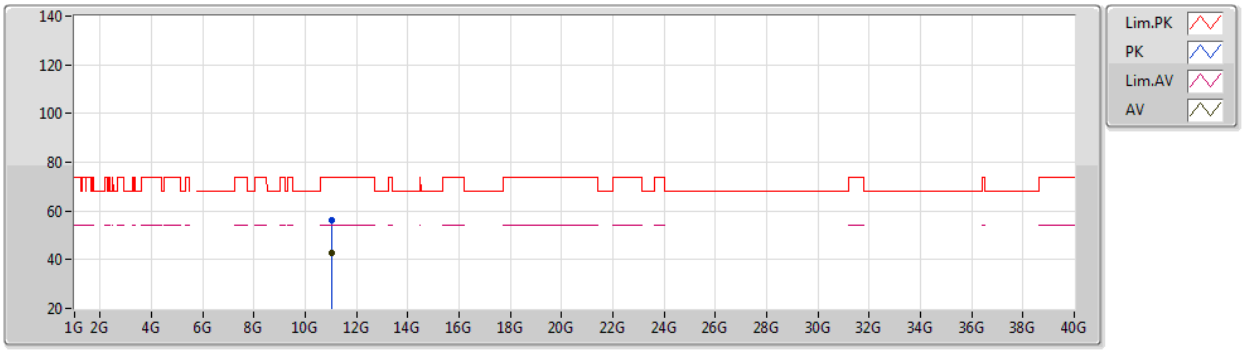
EUT Z_4TX
Setting 68
06-I-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.329G	62.97	68.20	-5.23	54.33	3	Vertical	176	1.80	-	34.67	5.73	31.76
PK	5.46G	67.02	74.00	-6.98	58.71	3	Vertical	176	1.80	-	34.36	5.80	31.85
AV	5.457G	52.18	54.00	-1.82	43.85	3	Vertical	176	1.80	-	34.37	5.80	31.84
PK	5.462G	68.08	68.20	-0.12	59.78	3	Vertical	176	1.80	-	34.35	5.80	31.85
PK	5.533G	112.41	Inf	-Inf	104.29	3	Vertical	176	1.80	-	34.17	5.80	31.85
AV	5.498G	102.78	Inf	-Inf	94.64	3	Vertical	176	1.80	-	34.21	5.80	31.87
PK	5.773G	63.31	68.20	-4.89	55.01	3	Vertical	176	1.80	-	34.07	5.97	31.74

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5530MHz_TX

08/07/2020



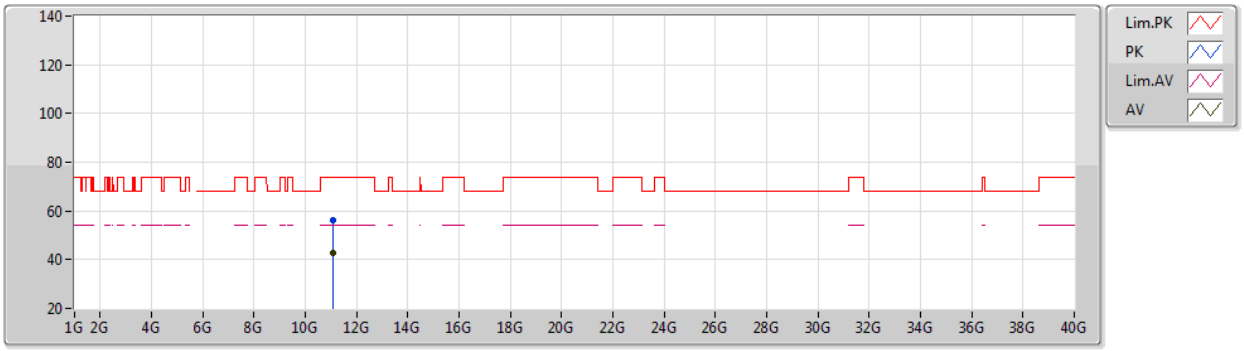
EUT Z_4TX
Setting 68
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.05214G	56.27	74.00	-17.73	41.75	3	Vertical	212	2.97	-	40.71	7.97	34.16
AV	11.05004G	42.92	54.00	-11.08	28.40	3	Vertical	212	2.97	-	40.71	7.97	34.16

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5530MHz_TX

08/07/2020



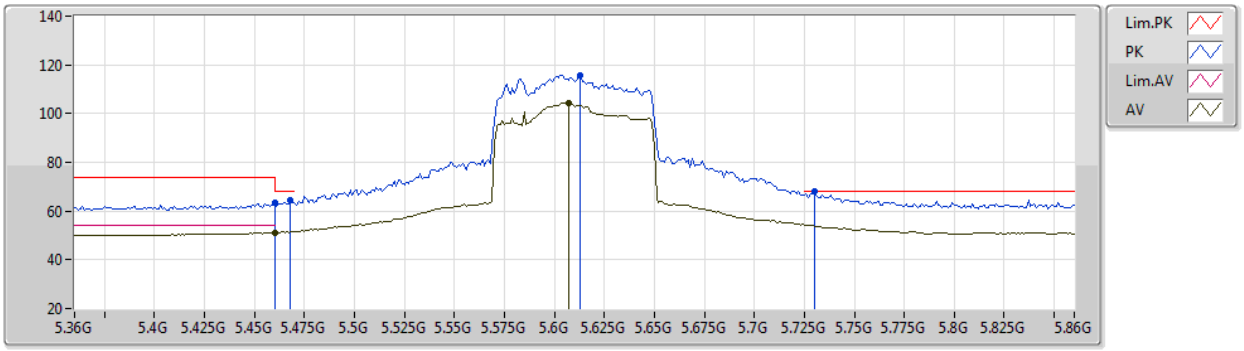
EUT Z_4TX
Setting 68
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.07146G	55.98	74.00	-18.02	41.41	3	Horizontal	160	1.08	-	40.75	7.98	34.16
AV	11.07014G	42.88	54.00	-11.12	28.32	3	Horizontal	160	1.08	-	40.75	7.97	34.16

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5610MHz_TX

08/07/2020



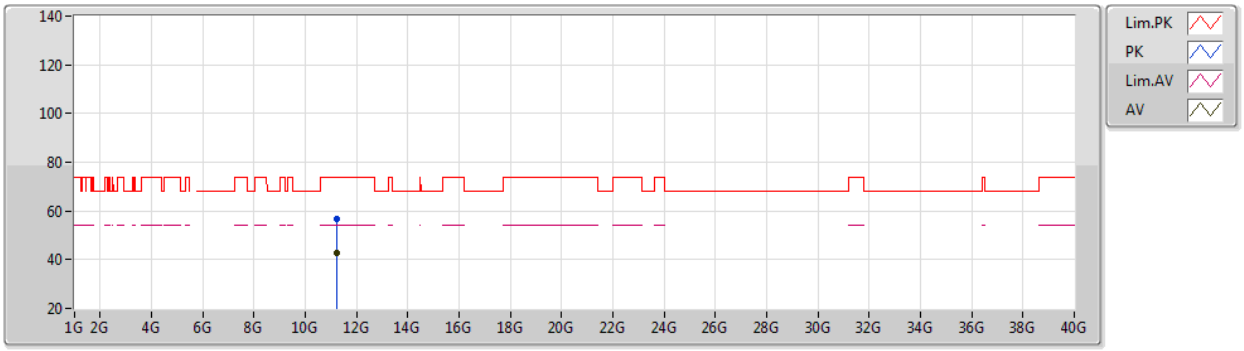
EUT Z_4TX
Setting 78
06-I-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.46G	63.26	74.00	-10.74	54.95	3	Vertical	216	1.80	-	34.36	5.80	31.85
AV	5.46G	51.09	54.00	-2.91	42.78	3	Vertical	216	1.80	-	34.36	5.80	31.85
PK	5.468G	64.56	68.20	-3.64	56.28	3	Vertical	216	1.80	-	34.33	5.80	31.85
PK	5.613G	115.77	Inf	-Inf	107.68	3	Vertical	216	1.80	-	34.09	5.81	31.81
AV	5.607G	104.26	Inf	-Inf	96.18	3	Vertical	216	1.80	-	34.09	5.81	31.82
PK	5.73G	67.95	68.20	-0.25	59.76	3	Vertical	216	1.80	-	34.03	5.92	31.76

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5610MHz_TX

08/07/2020



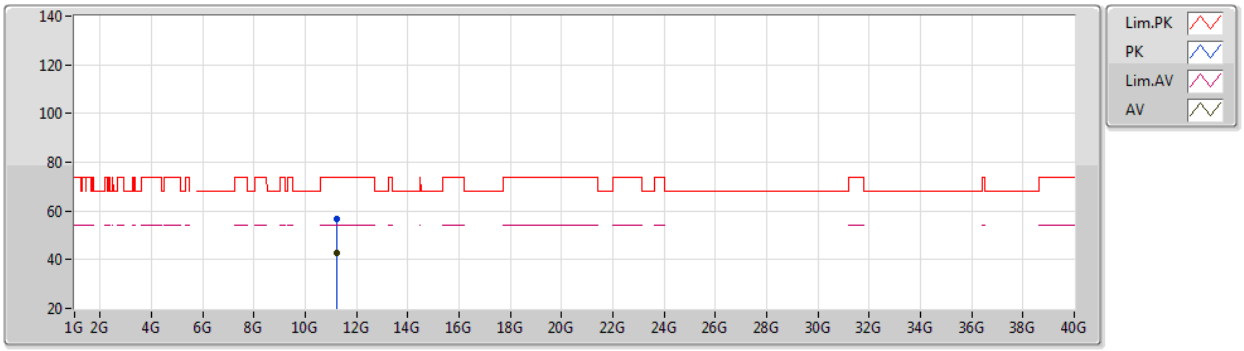
EUT Z_4TX
Setting 78
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.21484G	56.48	74.00	-17.52	41.56	3	Vertical	167	2.05	-	41.05	8.03	34.16
AV	11.21328G	42.97	54.00	-11.03	28.06	3	Vertical	167	2.05	-	41.05	8.02	34.16

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5610MHz_TX

08/07/2020



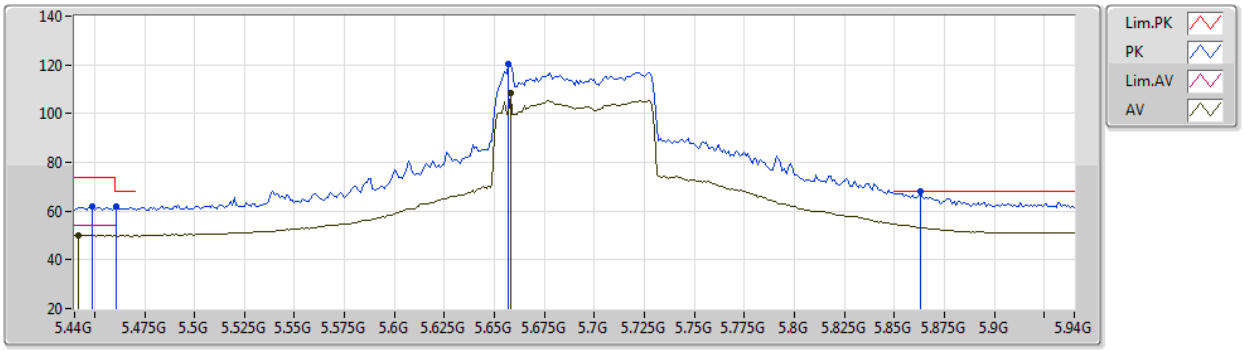
EUT Z_4TX
Setting 78
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.21154G	56.55	74.00	-17.45	41.65	3	Horizontal	91	1.27	-	41.04	8.02	34.16
AV	11.21418G	43.00	54.00	-11.00	28.09	3	Horizontal	91	1.27	-	41.05	8.02	34.16

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TX

08/07/2020



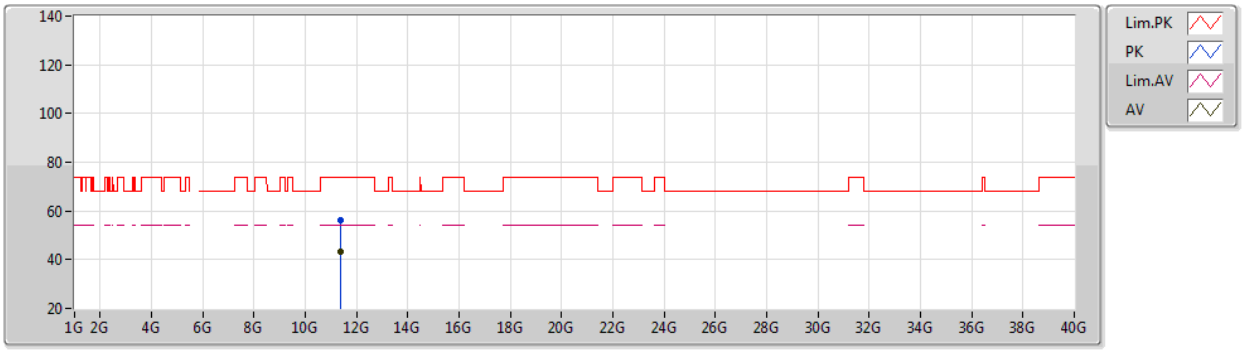
EUT Z_4TX
Setting 83
06-I-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.449G	62.13	74.00	-11.87	53.77	3	Vertical	153	1.80	-	34.40	5.80	31.84
AV	5.442G	49.92	54.00	-4.08	41.53	3	Vertical	153	1.80	-	34.43	5.80	31.84
PK	5.461G	61.92	68.20	-6.28	53.61	3	Vertical	153	1.80	-	34.36	5.80	31.85
PK	5.657G	120.11	Inf	-Inf	112.01	3	Vertical	153	1.80	-	34.04	5.85	31.79
AV	5.658G	108.58	Inf	-Inf	100.48	3	Vertical	153	1.80	-	34.04	5.85	31.79
PK	5.863G	67.98	68.20	-0.22	59.41	3	Vertical	153	1.80	-	34.29	5.97	31.69

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TX

08/07/2020



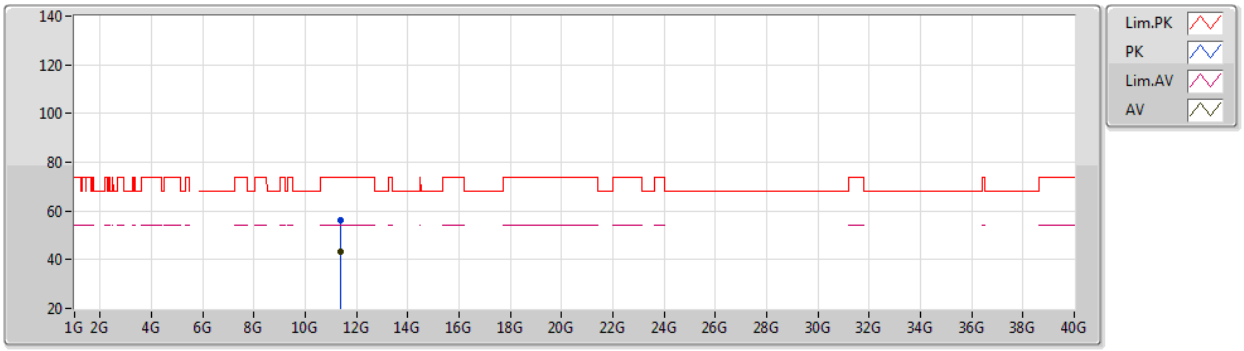
EUT Z_4TX
Setting 83
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.38948G	56.15	74.00	-17.85	40.80	3	Vertical	221	2.67	-	41.42	8.09	34.16
AV	11.36788G	43.44	54.00	-10.56	28.15	3	Vertical	221	2.67	-	41.37	8.08	34.16

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TX

08/07/2020



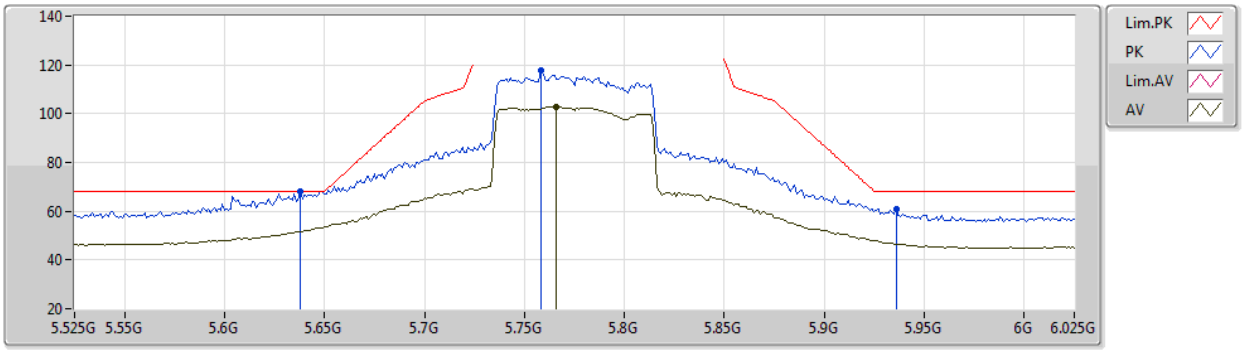
EUT Z_4TX
Setting 83
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.37988G	56.34	74.00	-17.66	41.02	3	Horizontal	218	1.09	-	41.40	8.08	34.16
AV	11.37526G	43.33	54.00	-10.67	28.02	3	Horizontal	218	1.09	-	41.39	8.08	34.16

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TX

13/07/2020



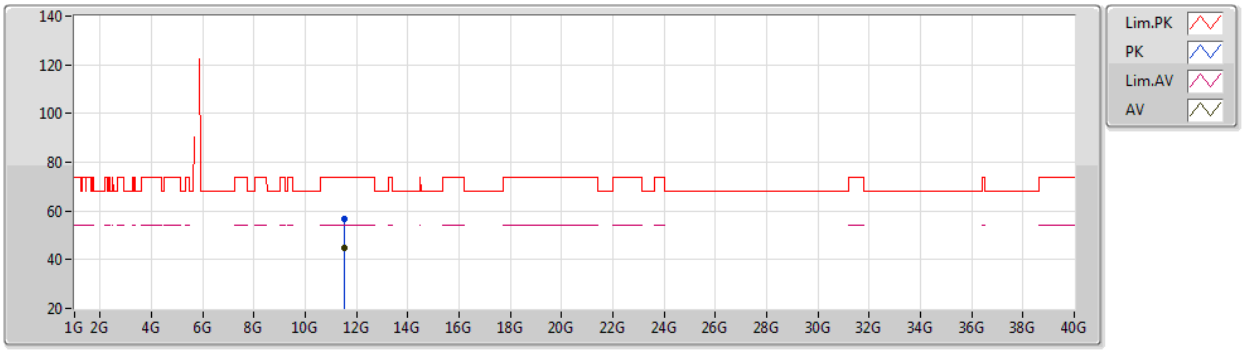
EUT Z_4TX
Setting 84
06-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.638G	67.95	68.20	-0.25	62.41	3	Vertical	183	1.96	-	31.50	5.84	31.80
PK	5.758G	117.75	Inf	-Inf	111.62	3	Vertical	183	1.96	-	31.92	5.96	31.75
AV	5.766G	102.80	Inf	-Inf	96.64	3	Vertical	183	1.96	-	31.93	5.97	31.74
PK	5.936G	60.96	68.20	-7.24	54.39	3	Vertical	183	1.96	-	32.30	5.93	31.66

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TX

13/07/2020



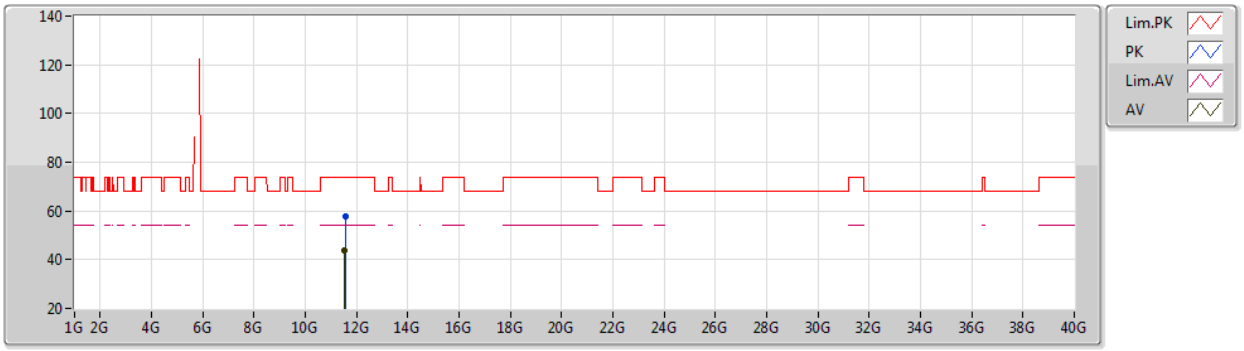
EUT Z_4TX
Setting 84
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.54622G	56.94	74.00	-17.06	43.19	3	Vertical	86	3.00	-	39.82	8.14	34.21
AV	11.544G	44.65	54.00	-9.35	30.90	3	Vertical	86	3.00	-	39.82	8.14	34.21

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TX

13/07/2020



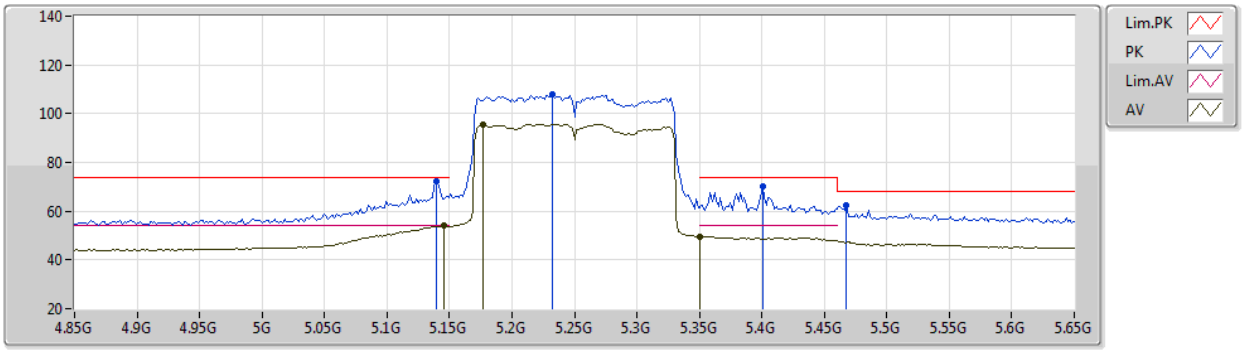
EUT Z_4TX
Setting 84
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56104G	57.78	74.00	-16.22	44.08	3	Horizontal	310	2.10	-	39.76	8.15	34.21
AV	11.54172G	43.98	54.00	-10.02	30.22	3	Horizontal	310	2.10	-	39.83	8.14	34.21

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz_TX

08/07/2020



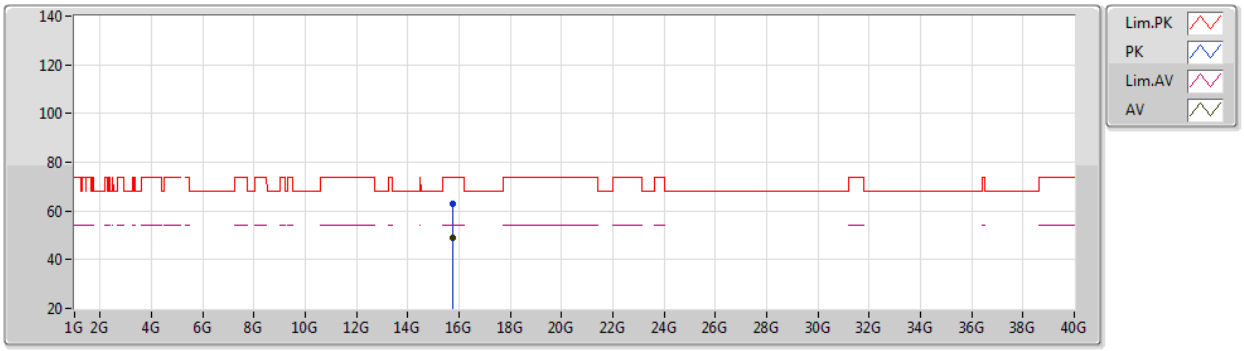
EUT Z_4TX
Setting 71
06-I-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1396G	72.05	74.00	-1.95	66.27	3	Vertical	358	1.80	-	31.80	5.60	31.62
AV	5.146G	53.90	54.00	-0.10	48.13	3	Vertical	358	1.80	-	31.80	5.60	31.63
AV	5.1764G	95.72	Inf	-Inf	90.08	3	Vertical	358	1.80	-	31.69	5.60	31.65
PK	5.2324G	108.16	Inf	-Inf	102.81	3	Vertical	358	1.80	-	31.41	5.63	31.69
PK	5.4004G	70.15	74.00	-3.85	64.65	3	Vertical	358	1.80	-	31.50	5.80	31.80
AV	5.35G	49.64	54.00	-4.36	44.46	3	Vertical	358	1.80	-	31.20	5.75	31.77
PK	5.4676G	62.32	68.20	-5.88	56.73	3	Vertical	358	1.80	-	31.64	5.80	31.85

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz_TX

08/07/2020



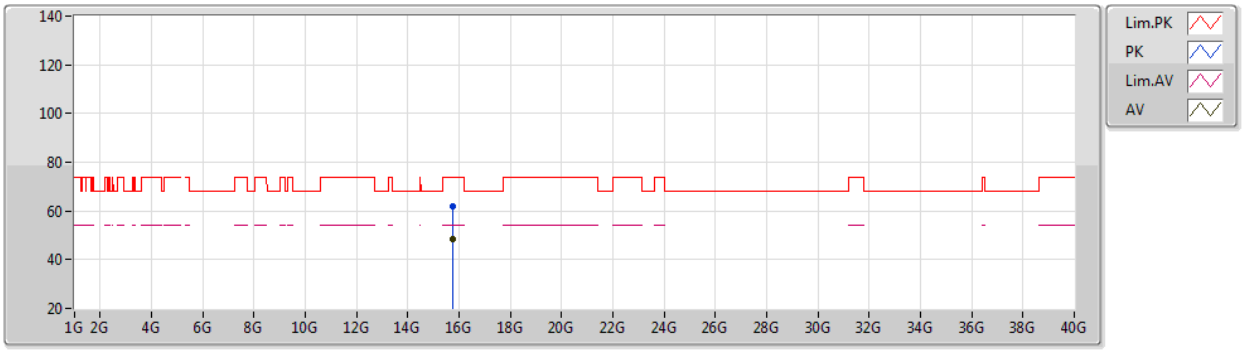
EUT Z_4TX
Setting 71
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.74772G	62.76	74.00	-11.24	49.44	3	Vertical	43	1.74	-	38.66	8.73	34.07
AV	15.73992G	48.85	54.00	-5.15	35.48	3	Vertical	43	1.74	-	38.70	8.73	34.06

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz_TX

08/07/2020



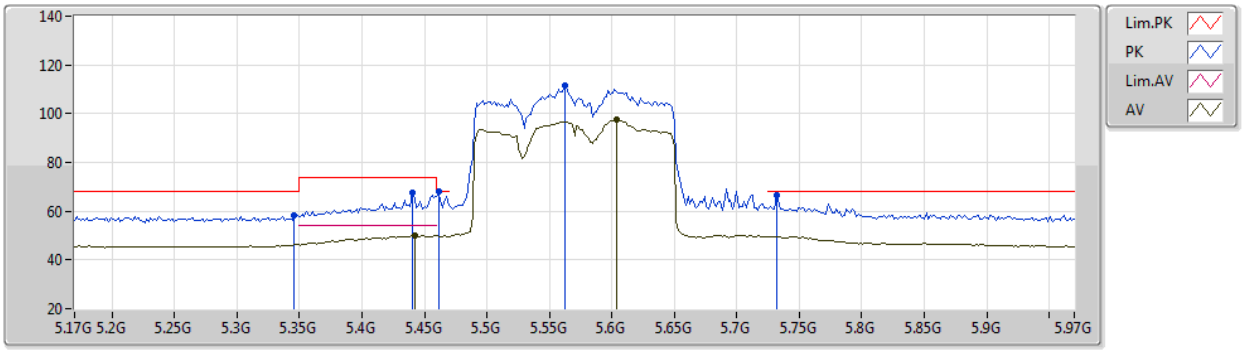
EUT Z_4TX
Setting 71
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.741G	61.95	74.00	-12.05	48.58	3	Horizontal	106	2.26	-	38.70	8.73	34.06
AV	15.76158G	48.59	54.00	-5.41	35.36	3	Horizontal	106	2.26	-	38.59	8.72	34.08

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5570MHz_TX

08/07/2020



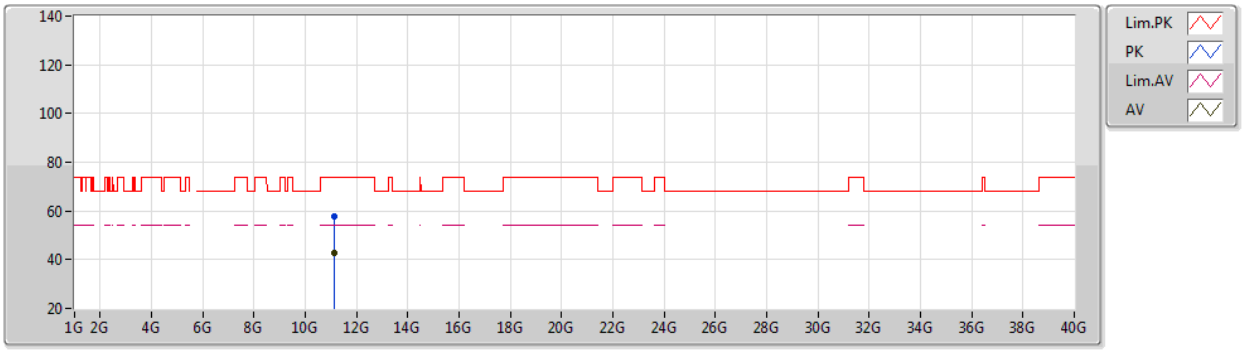
EUT Z_4TX
Setting 70
06-I-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.346G	58.48	68.20	-9.72	53.30	3	Vertical	219	1.80	-	31.20	5.75	31.77
PK	5.4404G	67.75	74.00	-6.25	62.20	3	Vertical	219	1.80	-	31.58	5.80	31.83
AV	5.442G	50.24	54.00	-3.76	44.69	3	Vertical	219	1.80	-	31.58	5.80	31.83
PK	5.4612G	67.96	68.20	-0.24	62.38	3	Vertical	219	1.80	-	31.62	5.80	31.84
PK	5.562G	111.71	Inf	-Inf	106.25	3	Vertical	219	1.80	-	31.50	5.80	31.84
AV	5.6036G	97.42	Inf	-Inf	91.94	3	Vertical	219	1.80	-	31.50	5.80	31.82
PK	5.7316G	66.75	68.20	-1.45	60.75	3	Vertical	219	1.80	-	31.83	5.93	31.76

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5570MHz_TX

08/07/2020



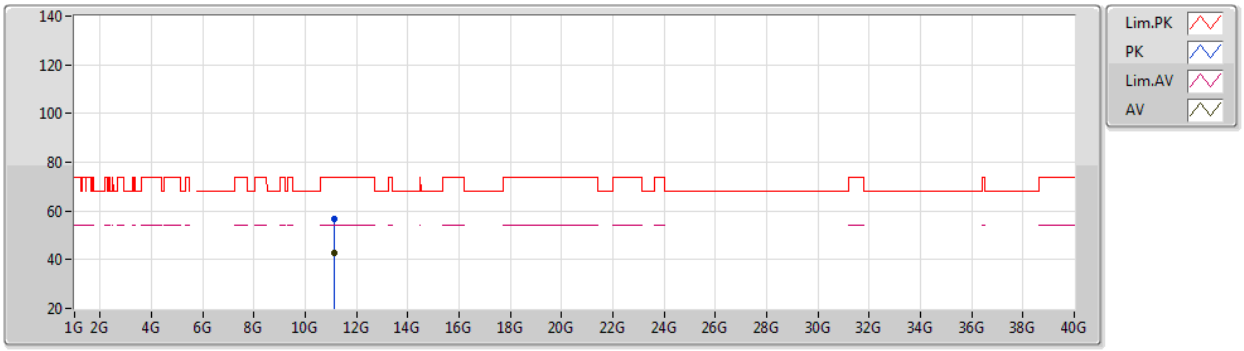
EUT Z_4TX
Setting 70
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.14684G	57.66	74.00	-16.34	44.12	3	Vertical	184	1.18	-	39.71	8.00	34.17
AV	11.13226G	42.99	54.00	-11.01	29.42	3	Vertical	184	1.18	-	39.74	8.00	34.17

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5570MHz_TX

08/07/2020



EUT Z_4TX
Setting 70
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.14552G	56.87	74.00	-17.13	43.33	3	Horizontal	318	2.39	-	39.71	8.00	34.17
AV	11.14468G	42.95	54.00	-11.05	29.41	3	Horizontal	318	2.39	-	39.71	8.00	34.17

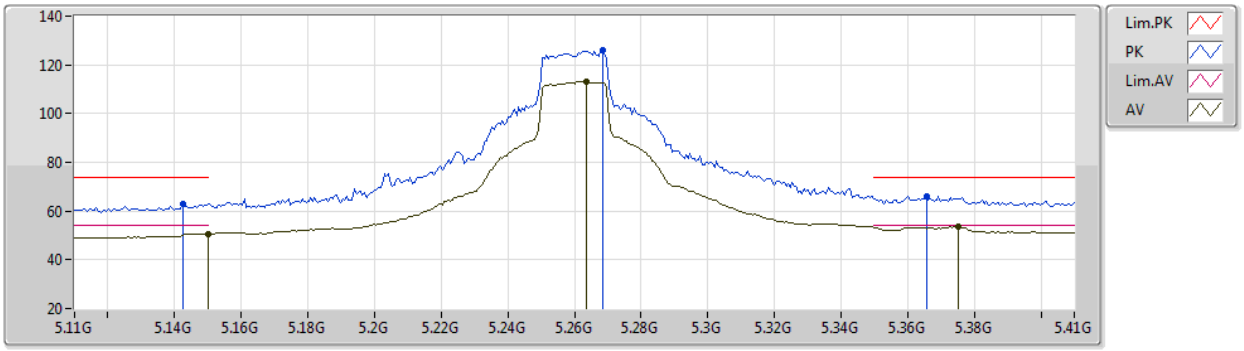
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	Pass	AV	5.351G	73.90	74.00	-0.1	3	Vertical	84	2.59	-

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5260MHz_TX

30/07/2020



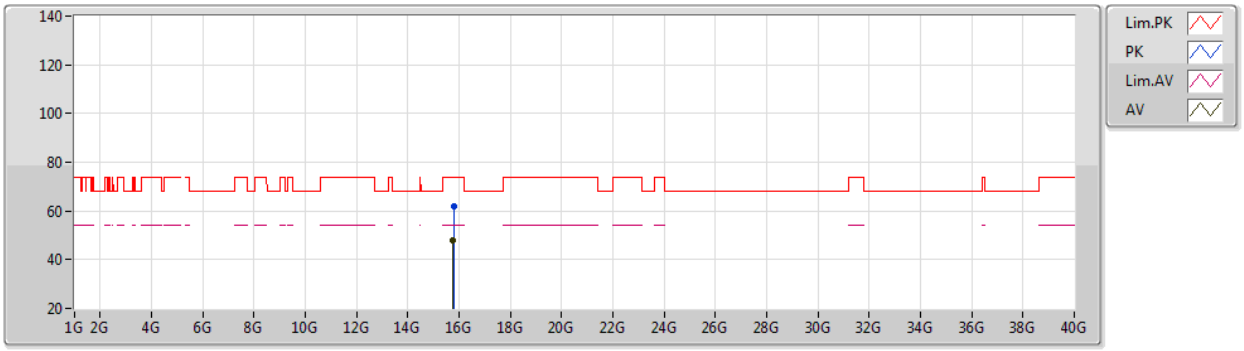
EUT Z_4TX
Setting 104
06-F-J-7-10

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	5.1424G	62.99	74.00	-11.01	54.49	3	Vertical	117	1.80	-	34.53	5.60	31.63
AV	5.15G	50.76	54.00	-3.24	42.24	3	Vertical	117	1.80	-	34.55	5.60	31.63
PK	5.2684G	126.01	Inf	-Inf	117.36	3	Vertical	117	1.80	-	34.70	5.67	31.72
AV	5.2636G	113.20	Inf	-Inf	104.55	3	Vertical	117	1.80	-	34.70	5.66	31.71
PK	5.3656G	66.23	74.00	-7.77	57.62	3	Vertical	117	1.80	-	34.63	5.77	31.79
AV	5.3752G	53.46	54.00	-0.54	44.85	3	Vertical	117	1.80	-	34.62	5.78	31.79

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5260MHz_TX

30/07/2020



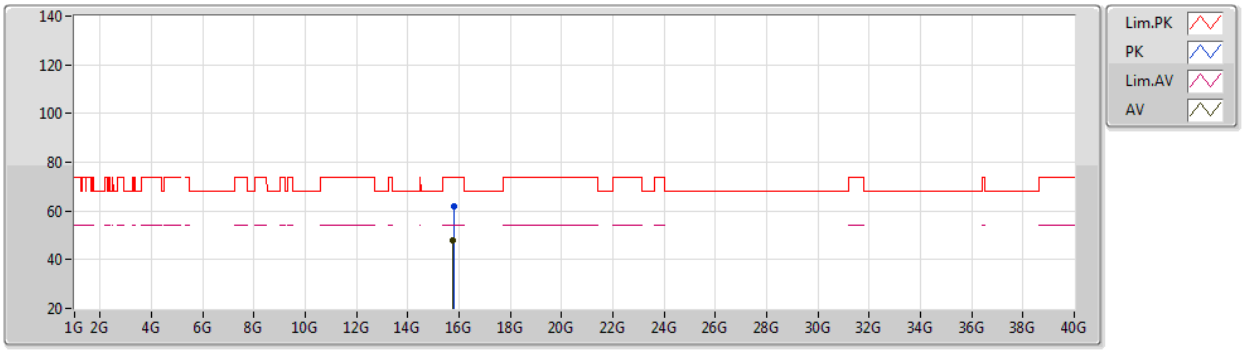
EUT Z_4TX
Setting 104
06-F-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.7836G	61.88	74.00	-12.12	44.38	3	Vertical	84	1.38	-	43.03	8.72	34.25
AV	15.77784G	48.13	54.00	-5.87	30.63	3	Vertical	84	1.38	-	43.03	8.72	34.25

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5260MHz_TX

30/07/2020



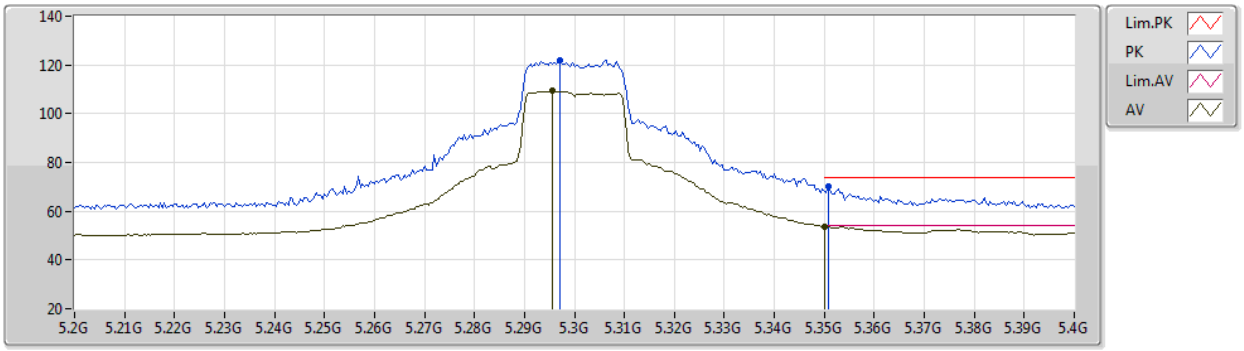
EUT Z_4TX
Setting 104
06-F-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.78104G	61.82	74.00	-12.18	44.32	3	Horizontal	105	1.88	-	43.03	8.72	34.25
AV	15.77736G	48.02	54.00	-5.98	30.52	3	Horizontal	105	1.88	-	43.03	8.72	34.25

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5300MHz_TX

30/07/2020



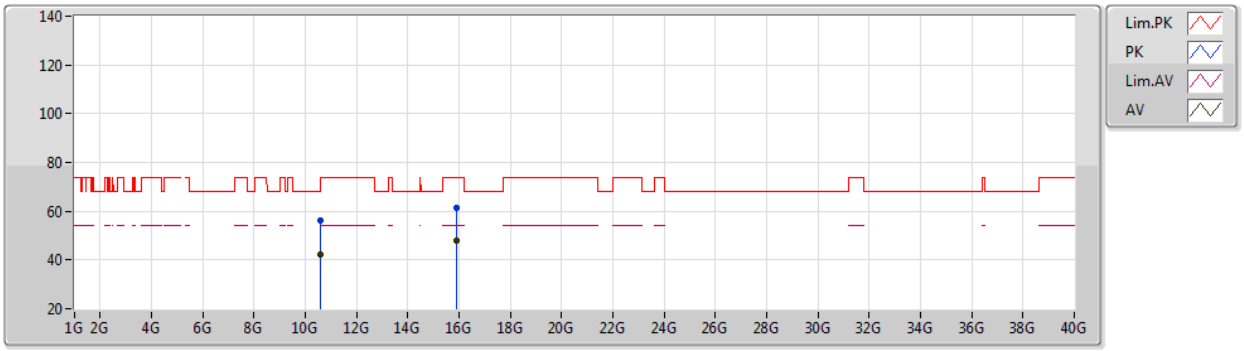
EUT Z_4TX
Setting 94
06-F-J-7-10

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	5.2972G	121.84	Inf	-Inf	113.18	3	Vertical	123	1.80	-	34.70	5.70	31.74
AV	5.2956G	109.27	Inf	-Inf	100.61	3	Vertical	123	1.80	-	34.70	5.70	31.74
PK	5.3508G	70.25	74.00	-3.75	61.63	3	Vertical	123	1.80	-	34.65	5.75	31.78
AV	5.35G	53.55	54.00	-0.45	44.92	3	Vertical	123	1.80	-	34.65	5.75	31.77

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5300MHz_TX

30/07/2020



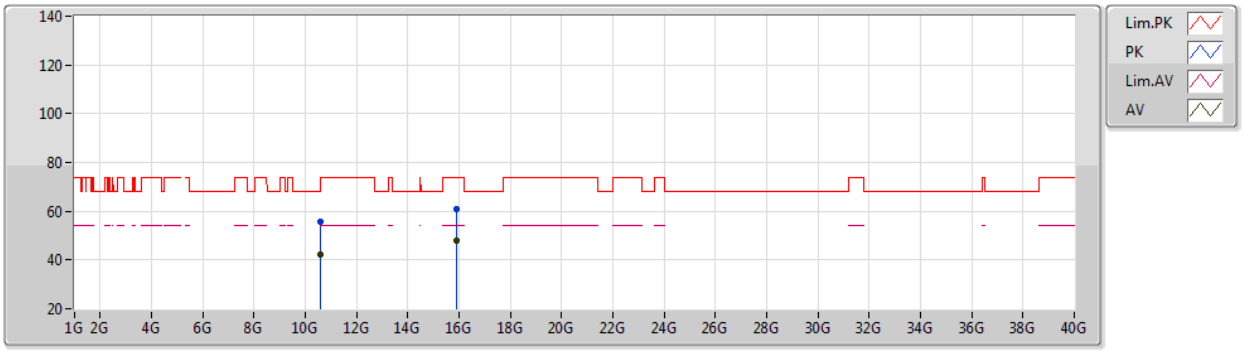
EUT Z_4TX
Setting 94
06-F-J-7

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	10.60093G	56.18	74.00	-17.82	42.39	3	Vertical	70	1.91	-	39.96	7.81	33.98
AV	10.6001G	42.11	54.00	-11.89	28.32	3	Vertical	70	1.91	-	39.96	7.81	33.98
PK	15.89784G	61.51	74.00	-12.49	44.09	3	Vertical	253	2.80	-	42.96	8.71	34.25
AV	15.90152G	47.87	54.00	-6.13	30.45	3	Vertical	253	2.80	-	42.96	8.71	34.25

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5300MHz_TX

30/07/2020



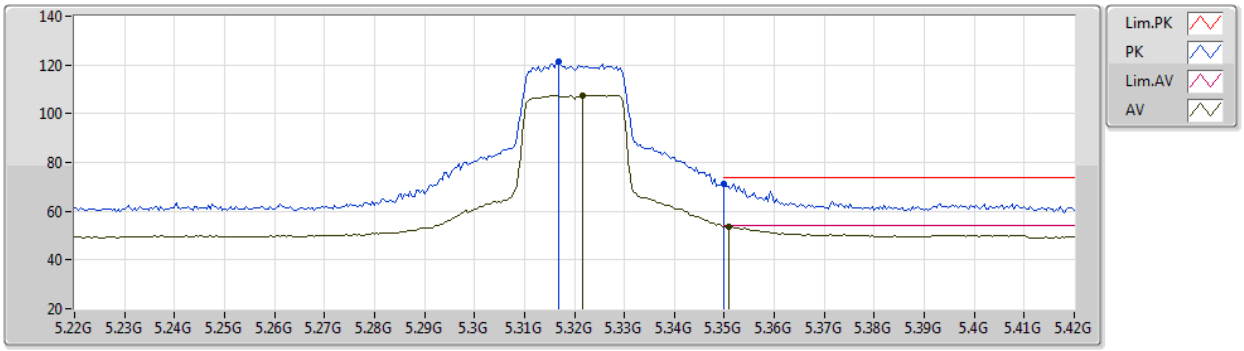
EUT Z_4TX
Setting 94
06-F-J-7

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	10.60032G	55.49	74.00	-18.51	41.70	3	Horizontal	301	2.52	-	39.96	7.81	33.98
AV	10.60081G	42.12	54.00	-11.88	28.33	3	Horizontal	301	2.52	-	39.96	7.81	33.98
PK	15.89812G	61.00	74.00	-13.00	43.58	3	Horizontal	163	1.38	-	42.96	8.71	34.25
AV	15.90308G	47.78	54.00	-6.22	30.36	3	Horizontal	163	1.38	-	42.96	8.71	34.25

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5320MHz_TX

30/07/2020



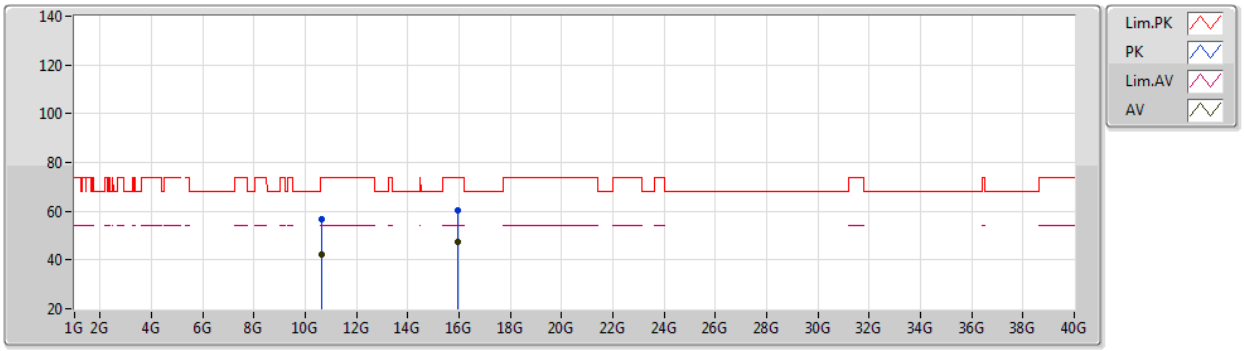
EUT Z_4TX
Setting 80
06-F-J-7-10

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	5.3168G	121.25	Inf	-Inf	112.60	3	Vertical	176	1.80	-	34.68	5.72	31.75
AV	5.3216G	107.62	Inf	-Inf	98.98	3	Vertical	176	1.80	-	34.68	5.72	31.76
PK	5.35G	71.01	74.00	-2.99	62.38	3	Vertical	176	1.80	-	34.65	5.75	31.77
AV	5.3508G	53.83	54.00	-0.17	45.21	3	Vertical	176	1.80	-	34.65	5.75	31.78

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5320MHz_TX

30/07/2020



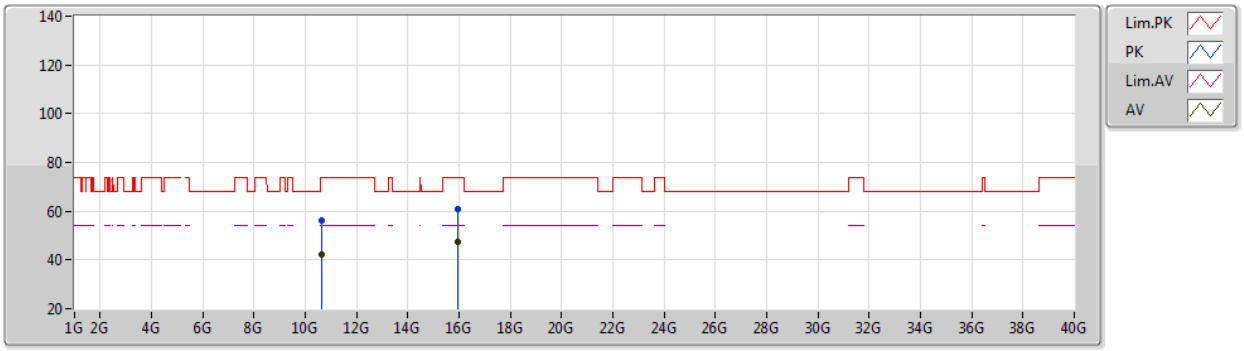
EUT Z_4TX
Setting 80
06-F-J-7

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	10.64056G	56.59	74.00	-17.41	42.74	3	Vertical	56	2.05	-	40.02	7.82	33.99
AV	10.64053G	42.48	54.00	-11.52	28.63	3	Vertical	56	2.05	-	40.02	7.82	33.99
PK	15.95648G	60.60	74.00	-13.40	43.22	3	Vertical	227	1.33	-	42.93	8.70	34.25
AV	15.96266G	47.46	54.00	-6.54	30.09	3	Vertical	227	1.33	-	42.92	8.70	34.25

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5320MHz_TX

30/07/2020



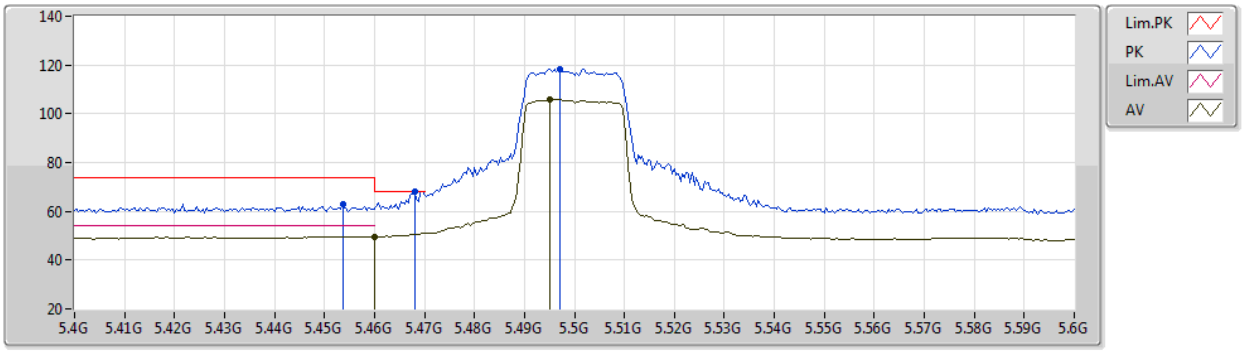
EUT Z_4TX
Setting 80
06-F-J-7

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	10.6408G	56.21	74.00	-17.79	42.35	3	Horizontal	151	2.51	-	40.03	7.82	33.99
AV	10.64086G	42.40	54.00	-11.60	28.54	3	Horizontal	151	2.51	-	40.03	7.82	33.99
PK	15.96474G	60.95	74.00	-13.05	43.58	3	Horizontal	274	2.18	-	42.92	8.70	34.25
AV	15.95886G	47.44	54.00	-6.56	30.07	3	Horizontal	274	2.18	-	42.92	8.70	34.25

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5500MHz_TX

30/07/2020



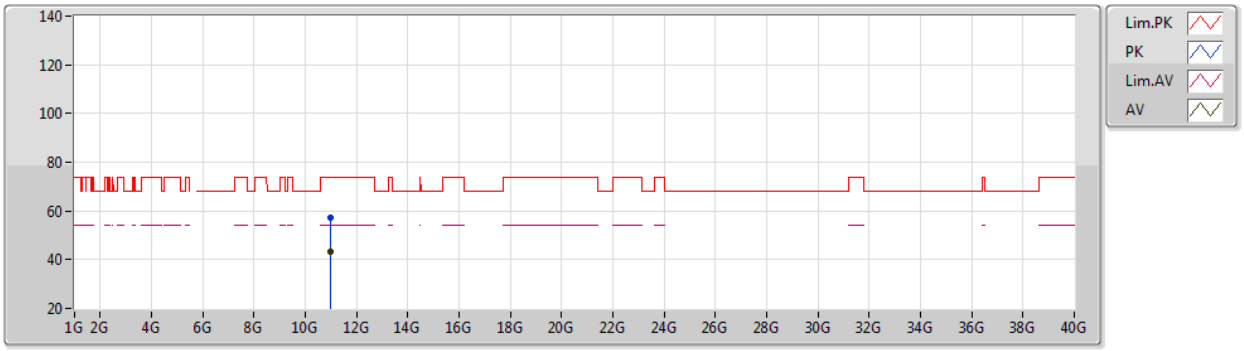
EUT Z_4TX
Setting 75
06-F-J-7-10

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	5.4536G	62.83	74.00	-11.17	54.48	3	Vertical	152	1.69	-	34.39	5.80	31.84
AV	5.46G	49.65	54.00	-4.35	41.34	3	Vertical	152	1.69	-	34.36	5.80	31.85
PK	5.468G	68.06	68.20	-0.14	59.78	3	Vertical	152	1.69	-	34.33	5.80	31.85
PK	5.4972G	118.48	Inf	-Inf	110.34	3	Vertical	152	1.69	-	34.21	5.80	31.87
AV	5.4952G	106.02	Inf	-Inf	97.87	3	Vertical	152	1.69	-	34.22	5.80	31.87

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5500MHz_TX

30/07/2020



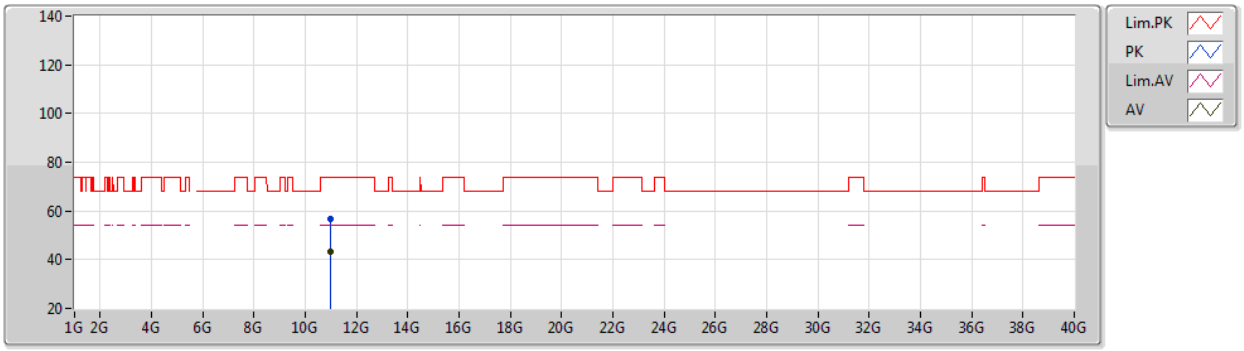
EUT Z_4TX
Setting 75
06-F-J-7

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	11.00027G	57.06	74.00	-16.94	42.67	3	Vertical	201	1.29	-	40.60	7.95	34.16
AV	10.9997G	43.42	54.00	-10.58	29.03	3	Vertical	201	1.29	-	40.60	7.95	34.16

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5500MHz_TX

30/07/2020



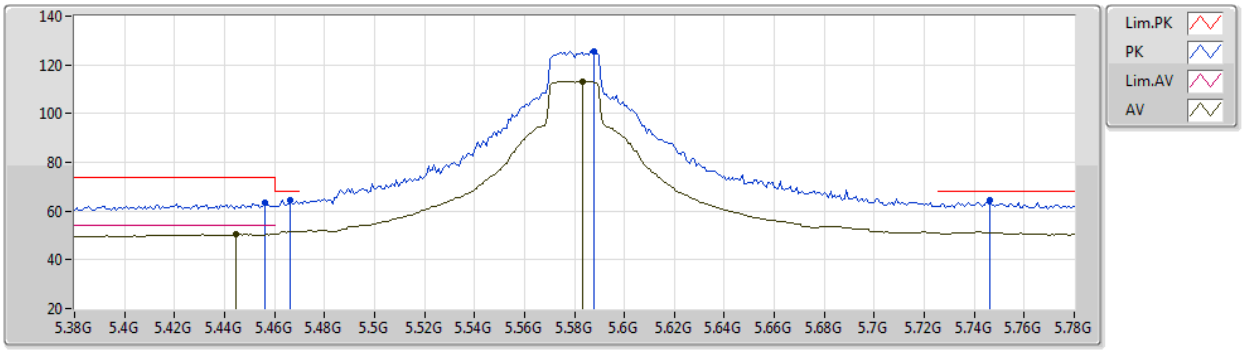
EUT Z_4TX
Setting 75
06-F-J-7

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	11.00012G	56.54	74.00	-17.46	42.15	3	Horizontal	354	2.91	-	40.60	7.95	34.16
AV	11.00032G	43.35	54.00	-10.65	28.96	3	Horizontal	354	2.91	-	40.60	7.95	34.16

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5580MHz_TX

30/07/2020



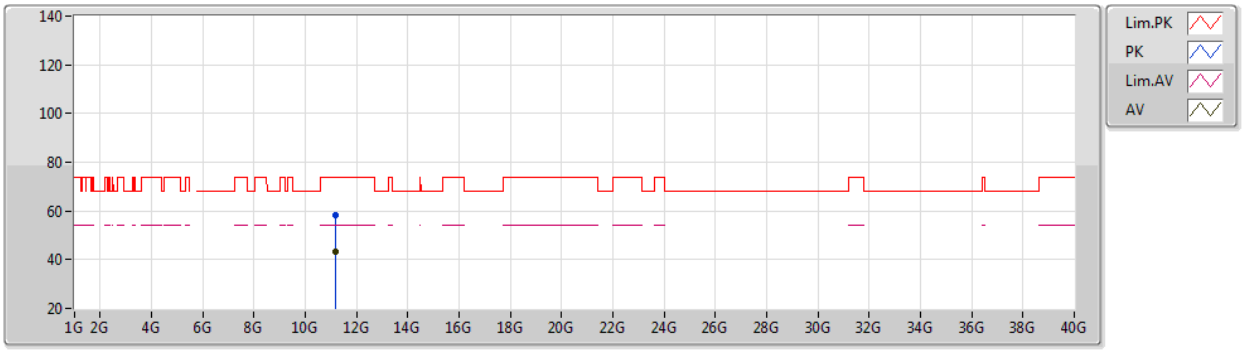
EUT Z_4TX
Setting 104
06-F-J-7-10

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	5.456G	63.48	74.00	-10.52	55.14	3	Vertical	177	1.59	-	34.38	5.80	31.84
AV	5.4448G	50.40	54.00	-3.60	42.02	3	Vertical	177	1.59	-	34.42	5.80	31.84
PK	5.4664G	64.64	68.20	-3.56	56.36	3	Vertical	177	1.59	-	34.33	5.80	31.85
PK	5.588G	125.60	Inf	-Inf	117.52	3	Vertical	177	1.59	-	34.11	5.80	31.83
AV	5.5832G	113.32	Inf	-Inf	105.23	3	Vertical	177	1.59	-	34.12	5.80	31.83
PK	5.7464G	64.48	68.20	-3.72	56.24	3	Vertical	177	1.59	-	34.05	5.94	31.75

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5580MHz_TX

30/07/2020



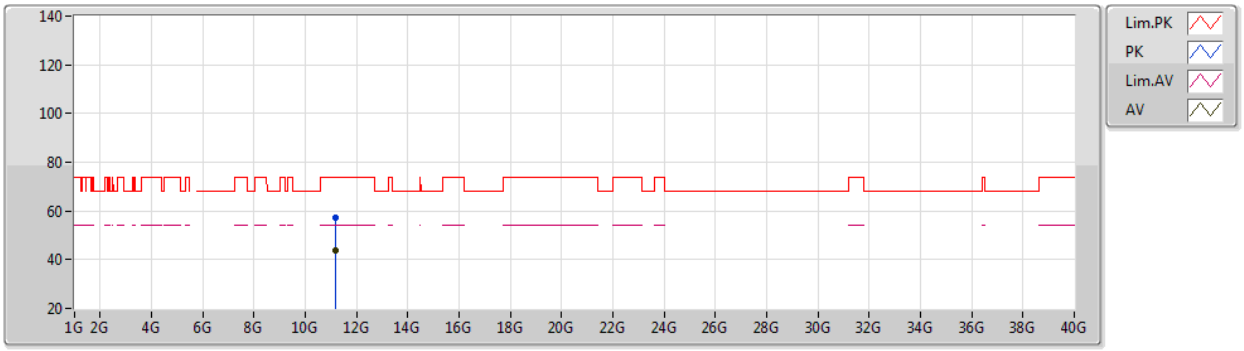
EUT Z_4TX
Setting 104
06-F-J-7

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	11.15933G	58.26	74.00	-15.74	43.48	3	Vertical	122	1.29	-	40.93	8.01	34.16
AV	11.16012G	43.51	54.00	-10.49	28.72	3	Vertical	122	1.29	-	40.94	8.01	34.16

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5580MHz_TX

30/07/2020



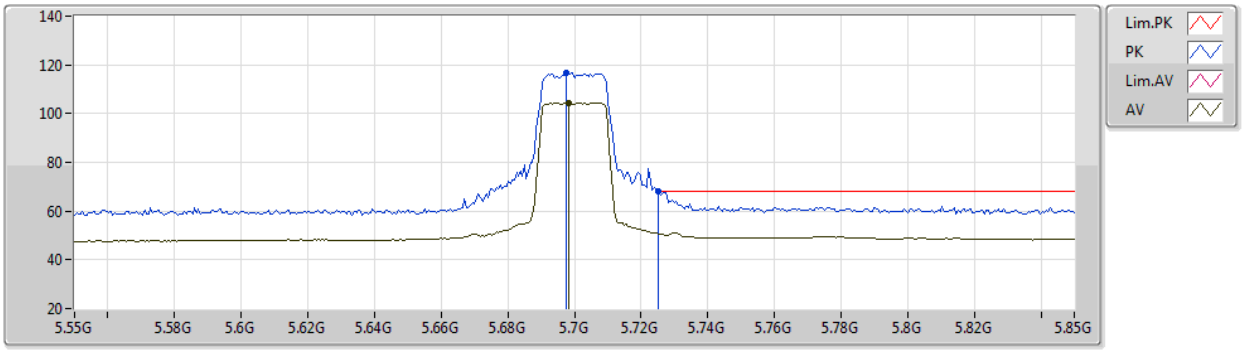
EUT Z_4TX
Setting 104
06-F-J-7

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	11.15931G	57.11	74.00	-16.89	42.33	3	Horizontal	253	1.47	-	40.93	8.01	34.16
AV	11.15908G	43.56	54.00	-10.44	28.78	3	Horizontal	253	1.47	-	40.93	8.01	34.16

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5700MHz_TX

30/07/2020



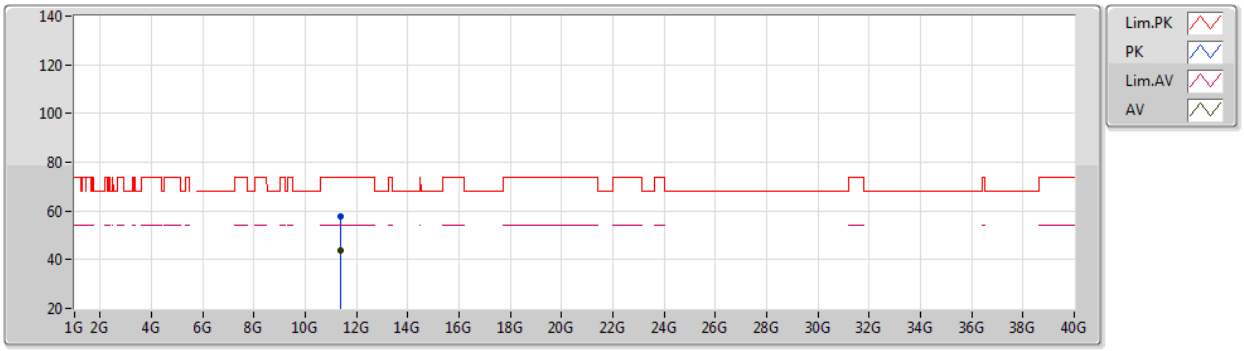
EUT Z_4TX
Setting 68
06-F-J-7-10

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	5.6976G	116.73	Inf	-Inf	108.61	3	Vertical	155	1.80	-	34.00	5.89	31.77
AV	5.6982G	104.43	Inf	-Inf	96.31	3	Vertical	155	1.80	-	34.00	5.89	31.77
PK	5.7252G	68.07	68.20	-0.13	59.88	3	Vertical	155	1.80	-	34.03	5.92	31.76

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5700MHz_TX

30/07/2020



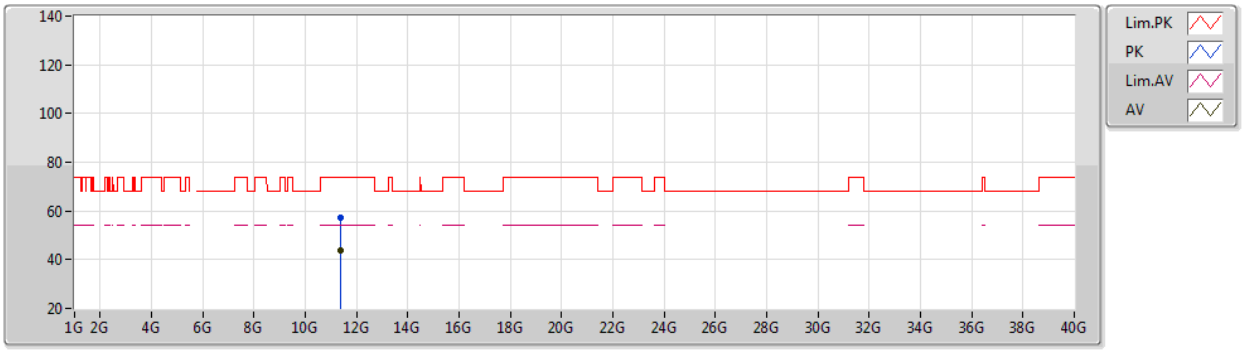
EUT Z_4TX
Setting 68
06-F-J-7

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	11.40039G	57.55	74.00	-16.45	42.18	3	Vertical	169	2.90	-	41.44	8.09	34.16
AV	11.39908G	43.85	54.00	-10.15	28.48	3	Vertical	169	2.90	-	41.44	8.09	34.16

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5700MHz_TX

30/07/2020



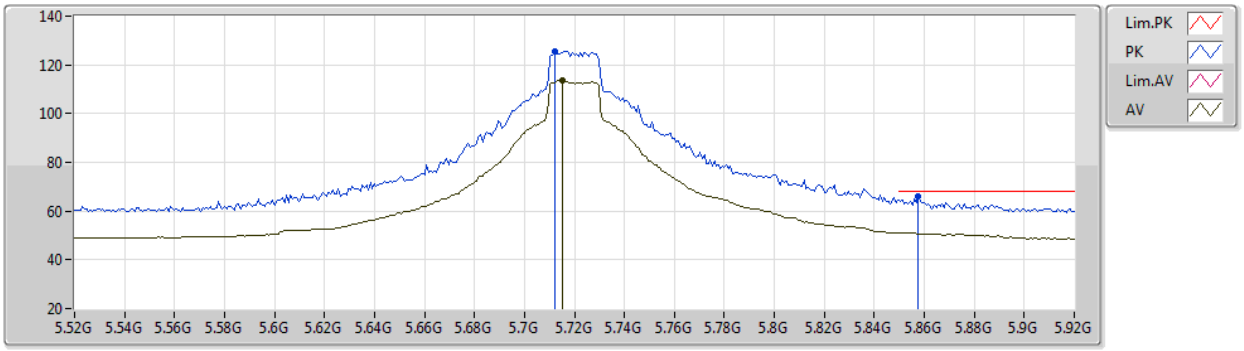
EUT Z_4TX
Setting 68
06-F-J-7

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	11.40058G	57.34	74.00	-16.66	41.97	3	Horizontal	245	1.07	-	41.44	8.09	34.16
AV	11.39913G	43.88	54.00	-10.12	28.51	3	Horizontal	245	1.07	-	41.44	8.09	34.16

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

30/07/2020



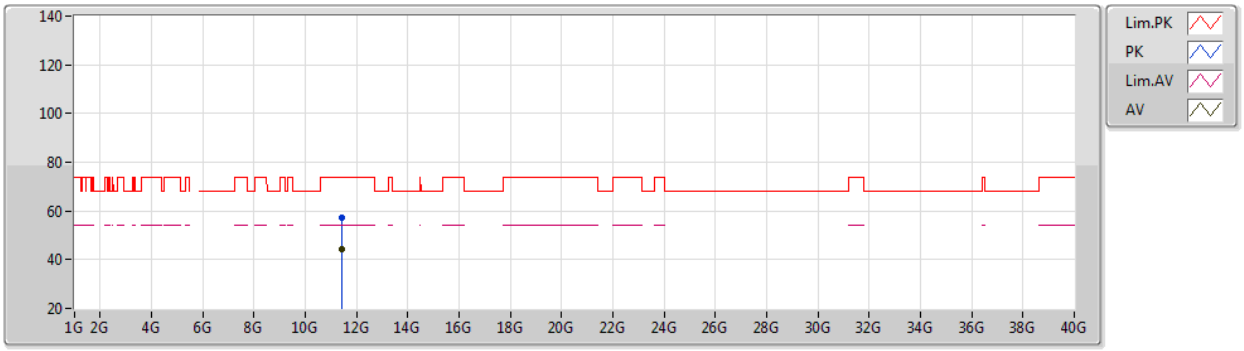
EUT Z_4TX
Setting 104
06-F-J-7-10

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	5.712G	125.71	Inf	-Inf	117.57	3	Vertical	158	1.79	-	34.01	5.90	31.77
AV	5.7152G	113.51	Inf	-Inf	105.34	3	Vertical	158	1.79	-	34.02	5.91	31.76
PK	5.8576G	65.95	68.20	-2.25	57.41	3	Vertical	158	1.79	-	34.27	5.97	31.70

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

30/07/2020



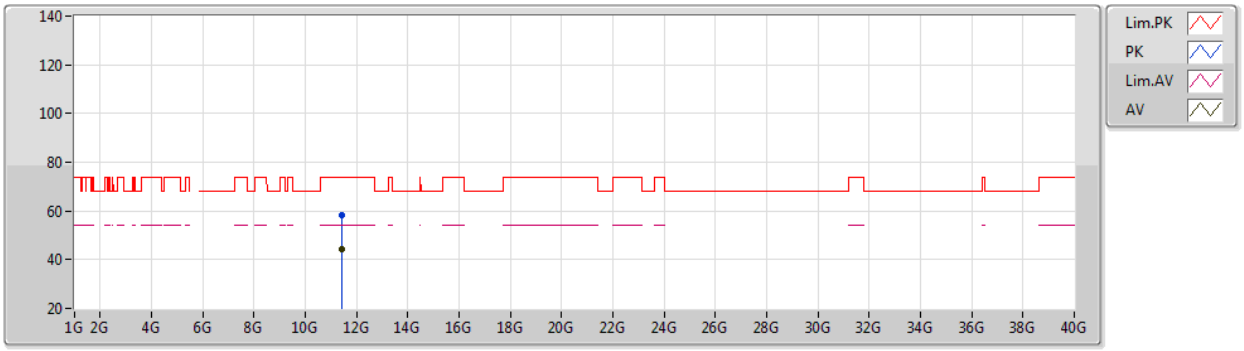
EUT Z_4TX
Setting 104
06-F-J-7

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	11.43952G	57.30	74.00	-16.70	41.84	3	Vertical	282	2.48	-	41.52	8.10	34.16
AV	11.43907G	44.13	54.00	-9.87	28.67	3	Vertical	282	2.48	-	41.52	8.10	34.16

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

30/07/2020



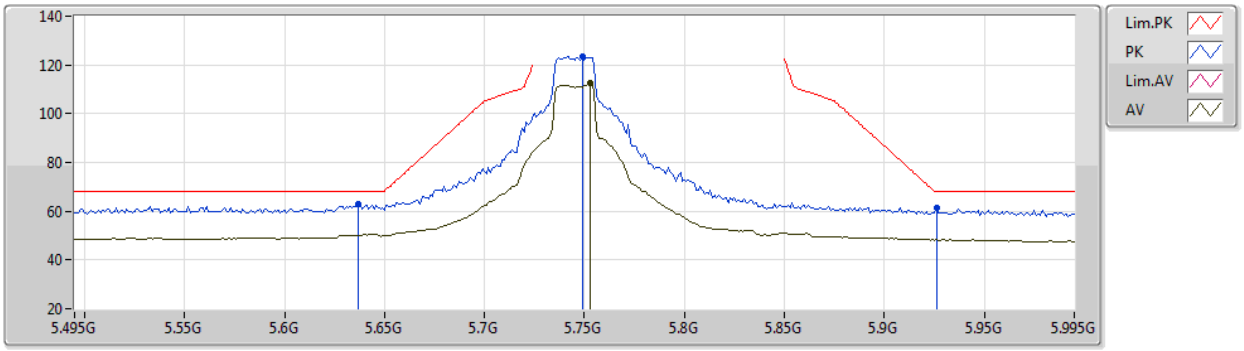
EUT Z_4TX
Setting 104
06-F-J-7

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	11.441G	58.16	74.00	-15.84	42.69	3	Horizontal	330	2.53	-	41.53	8.10	34.16
AV	11.43986G	44.06	54.00	-9.94	28.60	3	Horizontal	330	2.53	-	41.52	8.10	34.16

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5745MHz_TX

30/07/2020



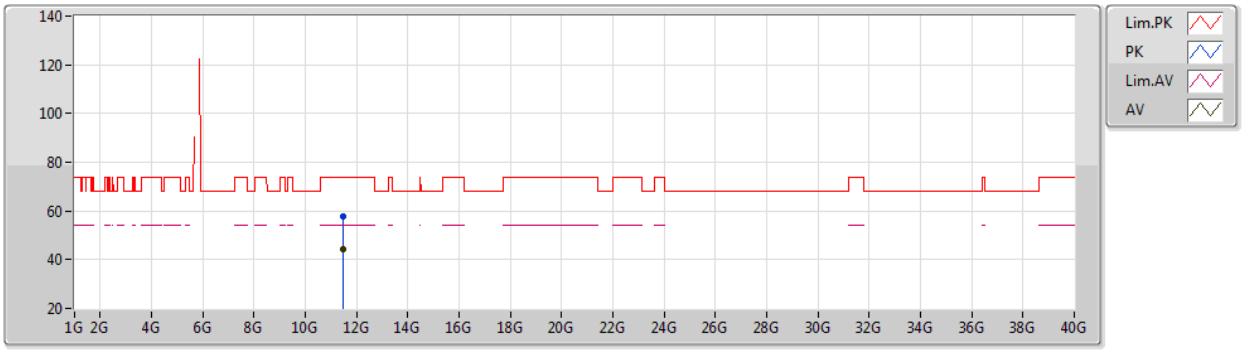
EUT Z_4TX
Setting 97
06-F-J-7-10

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	63.16	68.20	-5.04	55.07	3	Vertical	157	1.80	-	34.06	5.83	31.80
PK	5.749G	123.42	Inf	-Inf	115.18	3	Vertical	157	1.80	-	34.05	5.94	31.75
AV	5.753G	112.33	Inf	-Inf	104.08	3	Vertical	157	1.80	-	34.05	5.95	31.75
PK	5.926G	61.13	68.20	-7.07	52.42	3	Vertical	157	1.80	-	34.43	5.94	31.66

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5745MHz_TX

30/07/2020



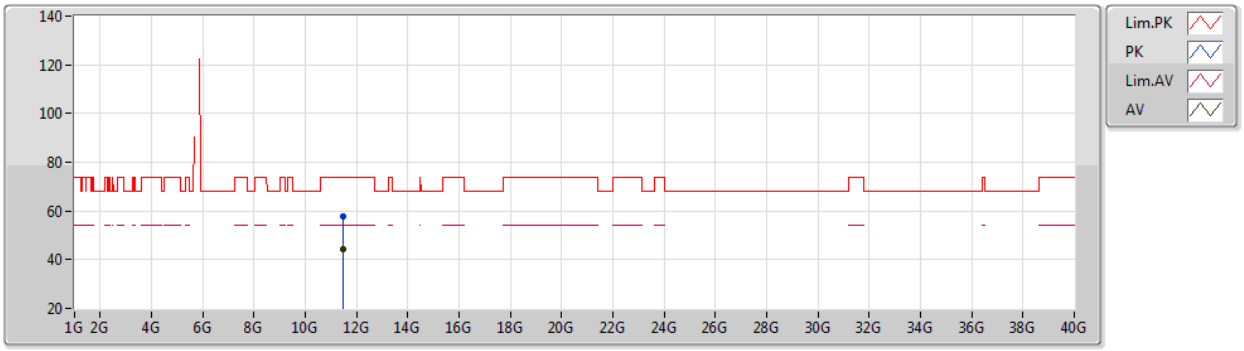
EUT Z_4TX
Setting 97
06-F-J-7

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	11.48999G	57.78	74.00	-16.22	42.19	3	Vertical	352	1.49	-	41.63	8.12	34.16
AV	11.4909G	44.42	54.00	-9.58	28.83	3	Vertical	352	1.49	-	41.63	8.12	34.16

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5745MHz_TX

30/07/2020



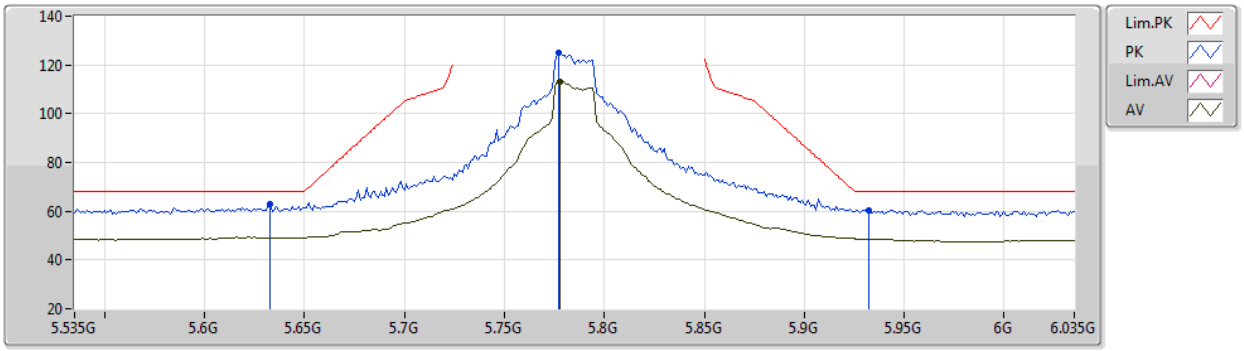
EUT Z_4TX
Setting 97
06-F-J-7

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	11.49068G	57.64	74.00	-16.36	42.05	3	Horizontal	119	1.46	-	41.63	8.12	34.16
AV	11.49068G	44.41	54.00	-9.59	28.82	3	Horizontal	119	1.46	-	41.63	8.12	34.16

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5785MHz_TX

30/07/2020



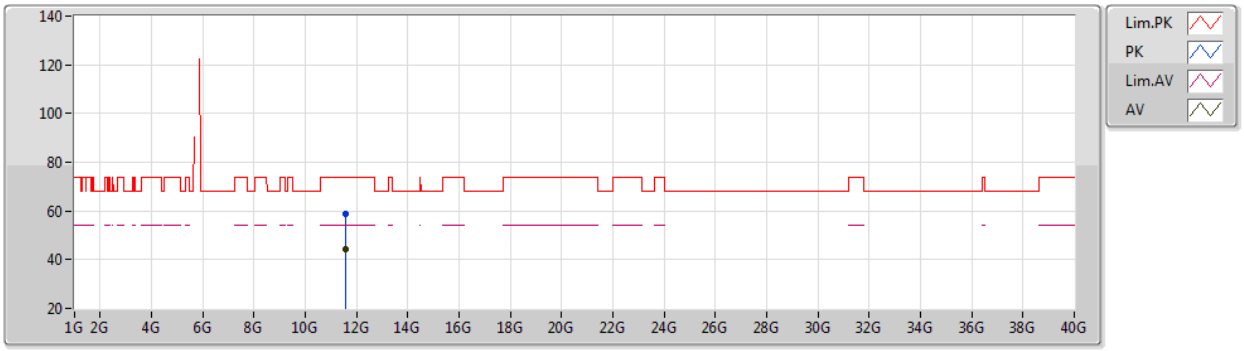
EUT Z_4TX
Setting 104
06-F-J-7-10

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	5.633G	62.71	68.20	-5.49	54.61	3	Vertical	161	2.34	-	34.07	5.83	31.80
PK	5.777G	124.76	Inf	-Inf	116.45	3	Vertical	161	2.34	-	34.08	5.97	31.74
AV	5.778G	113.34	Inf	-Inf	105.02	3	Vertical	161	2.34	-	34.08	5.98	31.74
PK	5.932G	60.59	68.20	-7.61	51.89	3	Vertical	161	2.34	-	34.43	5.93	31.66

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5785MHz_TX

30/07/2020



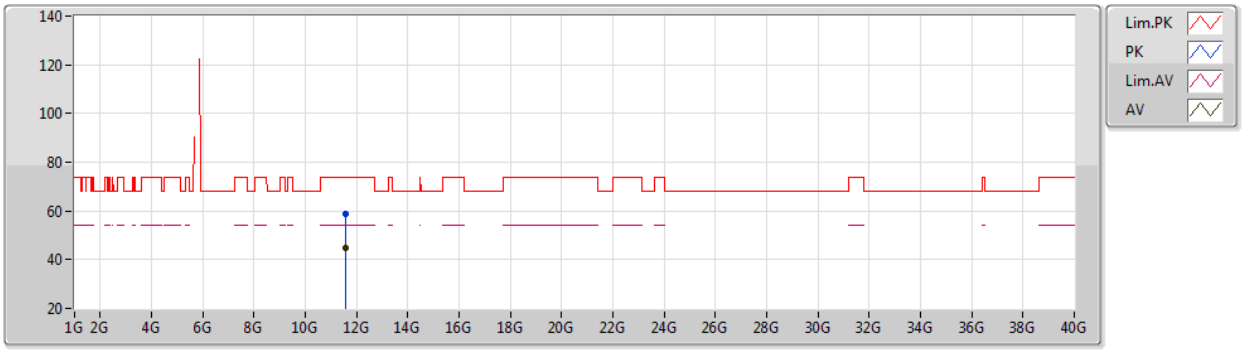
EUT Z_4TX
Setting 104
06-F-J-7

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	11.5705G	58.60	74.00	-15.40	42.82	3	Vertical	65	1.92	-	41.80	8.15	34.17
AV	11.5707G	44.48	54.00	-9.52	28.70	3	Vertical	65	1.92	-	41.80	8.15	34.17

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5785MHz_TX

30/07/2020



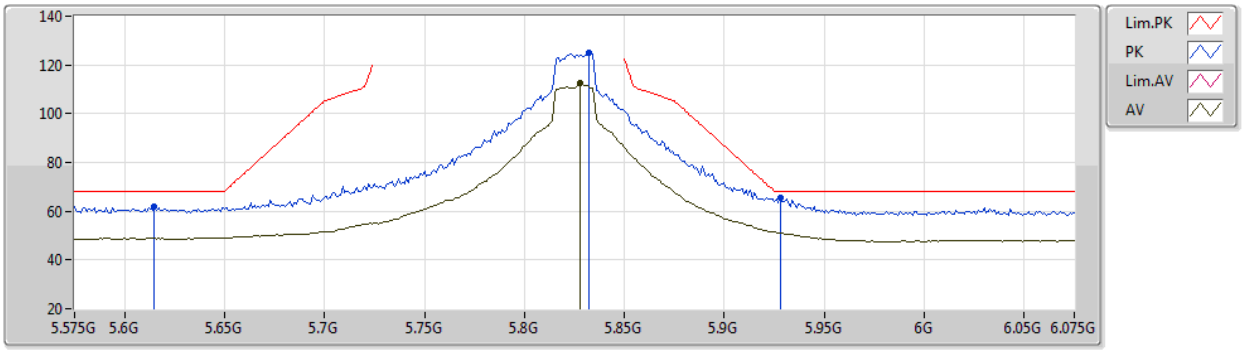
EUT Z_4TX
Setting 104
06-F-J-7

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	11.56903G	58.88	74.00	-15.12	43.11	3	Horizontal	59	2.47	-	41.79	8.15	34.17
AV	11.57089G	44.57	54.00	-9.43	28.79	3	Horizontal	59	2.47	-	41.80	8.15	34.17

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5825MHz_TX

30/07/2020



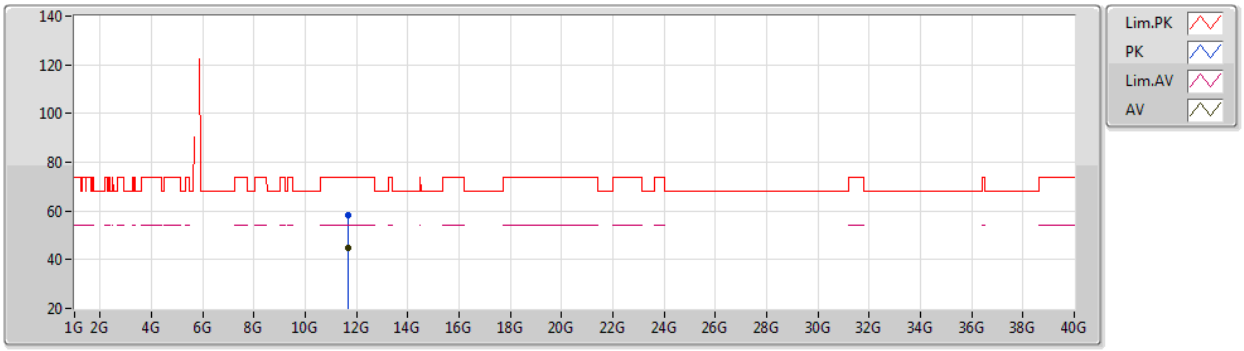
EUT Z_4TX
Setting 104
06-F-J-7-10

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	62.09	68.20	-6.11	54.00	3	Vertical	154	1.78	-	34.09	5.81	31.81
PK	5.832G	124.97	Inf	-Inf	116.50	3	Vertical	154	1.78	-	34.20	5.98	31.71
AV	5.828G	112.33	Inf	-Inf	103.87	3	Vertical	154	1.78	-	34.18	5.99	31.71
PK	5.928G	65.46	68.20	-2.74	56.75	3	Vertical	154	1.78	-	34.43	5.94	31.66

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5825MHz_TX

30/07/2020



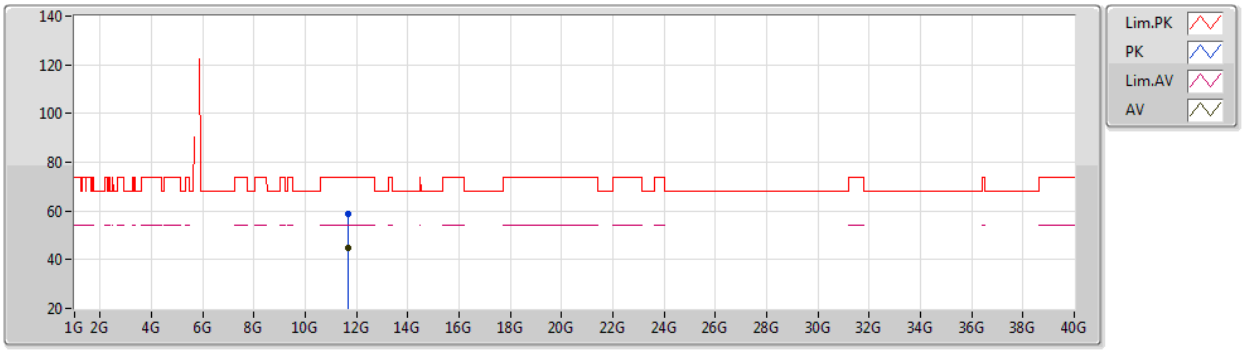
EUT Z_4TX
Setting 104
06-F-J-7

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	11.64938G	58.22	74.00	-15.78	42.25	3	Vertical	8	2.92	-	41.96	8.18	34.17
AV	11.65013G	44.86	54.00	-9.14	28.88	3	Vertical	8	2.92	-	41.97	8.18	34.17

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5825MHz_TX

30/07/2020



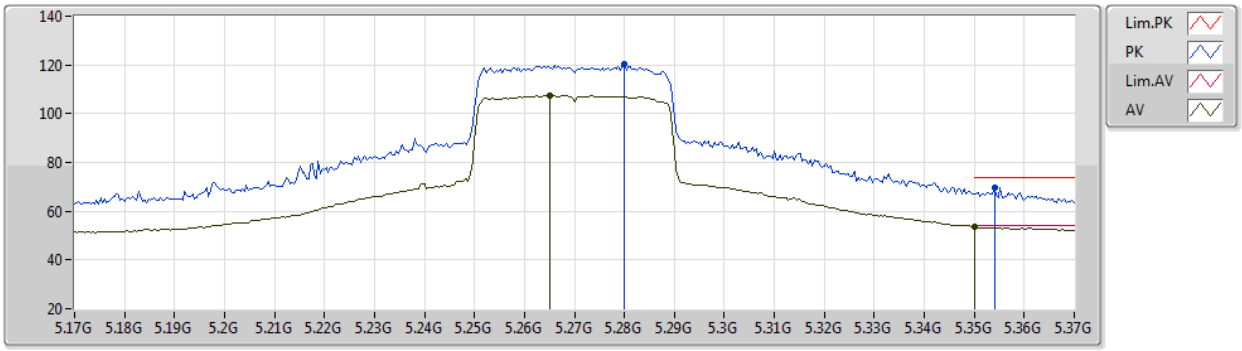
EUT Z_4TX
Setting 104
06-F-J-7

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	11.64942G	58.84	74.00	-15.16	42.87	3	Horizontal	355	2.56	-	41.96	8.18	34.17
AV	11.64961G	44.84	54.00	-9.16	28.87	3	Horizontal	355	2.56	-	41.96	8.18	34.17

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

5270MHz_TX

30/07/2020



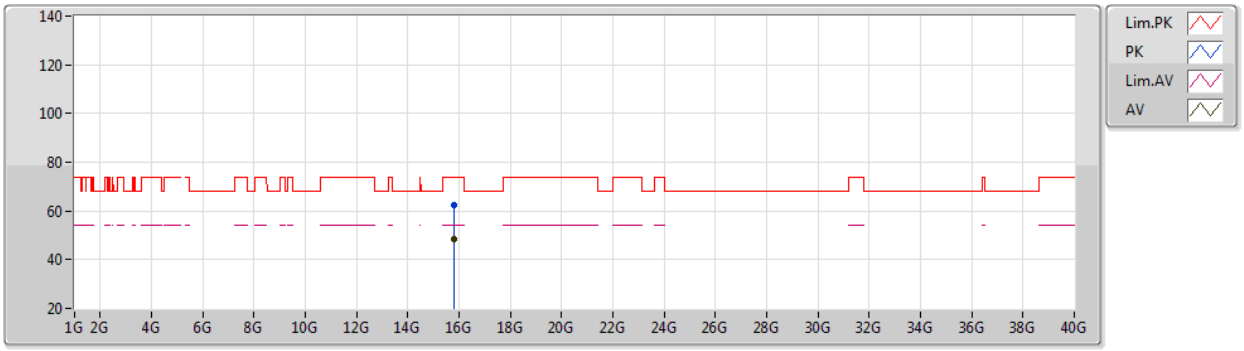
EUT Z_4TX
Setting 87
06-F-J-7-10

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	5.28G	120.10	Inf	-Inf	111.45	3	Vertical	119	1.52	-	34.70	5.68	31.73
AV	5.2652G	107.44	Inf	-Inf	98.79	3	Vertical	119	1.52	-	34.70	5.67	31.72
PK	5.354G	69.87	74.00	-4.13	61.25	3	Vertical	119	1.52	-	34.65	5.75	31.78
AV	5.35G	53.71	54.00	-0.29	45.08	3	Vertical	119	1.52	-	34.65	5.75	31.77

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

5270MHz_TX

30/07/2020



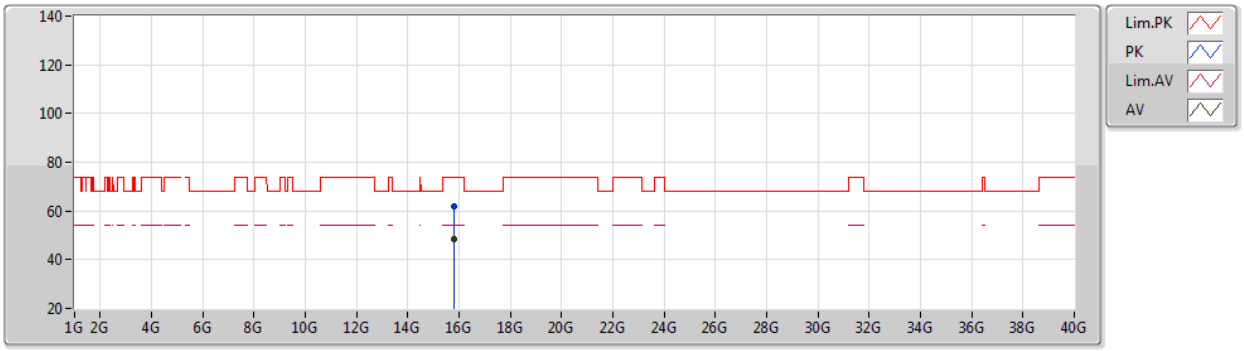
EUT Z_4TX
Setting 87
06-F-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.81452G	62.41	74.00	-11.59	44.93	3	Vertical	316	1.70	-	43.01	8.72	34.25
AV	15.81034G	48.31	54.00	-5.69	30.83	3	Vertical	316	1.70	-	43.01	8.72	34.25

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

5270MHz_TX

30/07/2020



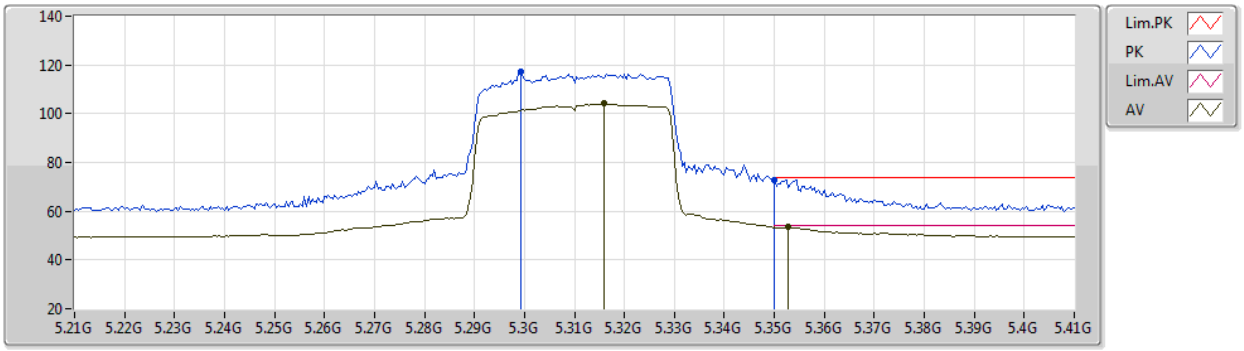
EUT Z_4TX
Setting 87
06-F-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.80642G	61.98	74.00	-12.02	44.49	3	Horizontal	359	1.72	-	43.02	8.72	34.25
AV	15.81362G	48.26	54.00	-5.74	30.78	3	Horizontal	359	1.72	-	43.01	8.72	34.25

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

5310MHz_TX

30/07/2020



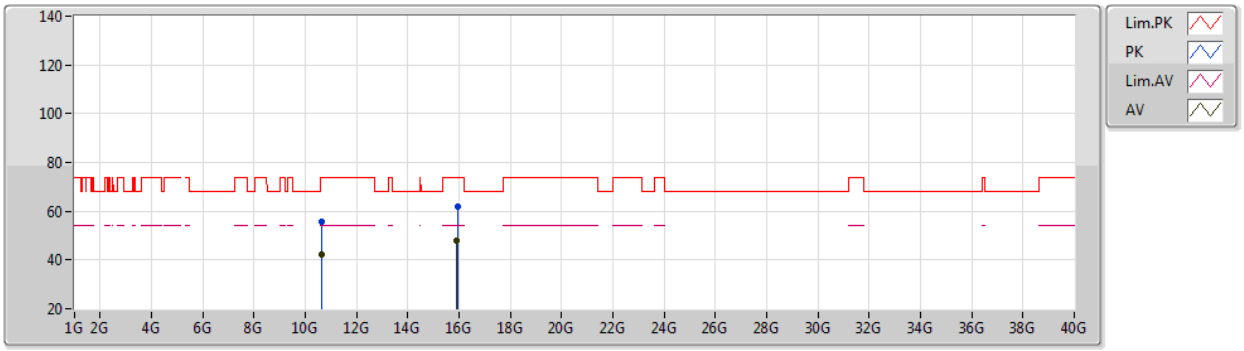
EUT Z_4TX
Setting 73
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.2992G	117.18	Inf	-Inf	108.52	3	Vertical	181	1.80	-	34.70	5.70	31.74
AV	5.316G	104.24	Inf	-Inf	95.59	3	Vertical	181	1.80	-	34.68	5.72	31.75
PK	5.35G	72.89	74.00	-1.11	64.26	3	Vertical	181	1.80	-	34.65	5.75	31.77
AV	5.3528G	53.52	54.00	-0.48	44.90	3	Vertical	181	1.80	-	34.65	5.75	31.78

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

5310MHz_TX

30/07/2020



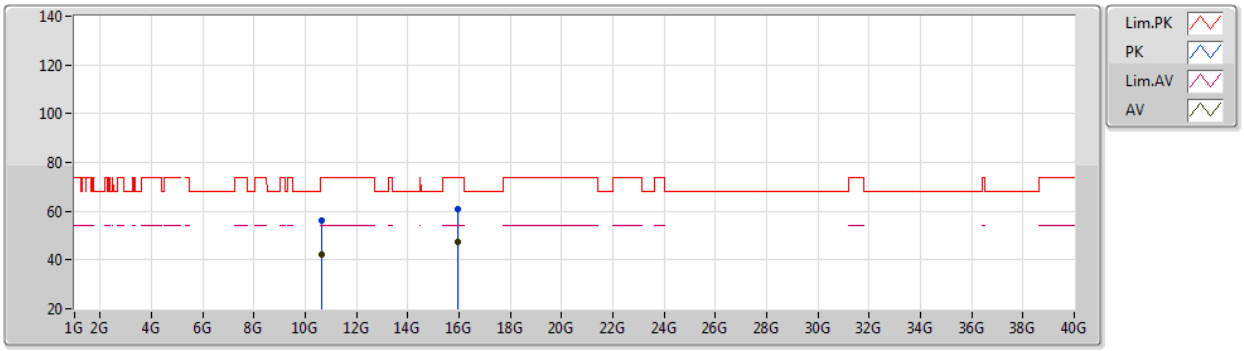
EUT Z_4TX
Setting 73
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.61668G	55.77	74.00	-18.23	41.94	3	Vertical	323	2.85	-	39.99	7.82	33.98
AV	10.6195G	42.41	54.00	-11.59	28.58	3	Vertical	323	2.85	-	39.99	7.82	33.98
PK	15.92788G	61.98	74.00	-12.02	44.58	3	Vertical	1	2.82	-	42.94	8.71	34.25
AV	15.9252G	47.79	54.00	-6.21	30.39	3	Vertical	1	2.82	-	42.94	8.71	34.25

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

5310MHz_TX

30/07/2020



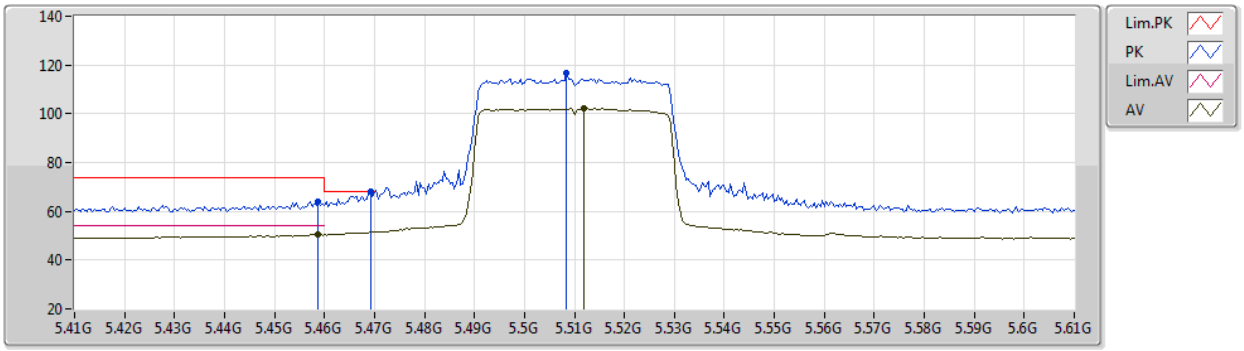
EUT Z_4TX
Setting 73
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.61984G	56.23	74.00	-17.77	42.41	3	Horizontal	100	2.93	-	39.99	7.82	33.99
AV	10.61982G	42.32	54.00	-11.68	28.50	3	Horizontal	100	2.93	-	39.99	7.82	33.99
PK	15.93352G	61.03	74.00	-12.97	43.63	3	Horizontal	0	1.96	-	42.94	8.71	34.25
AV	15.9269G	47.62	54.00	-6.38	30.22	3	Horizontal	0	1.96	-	42.94	8.71	34.25

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

5510MHz_TX

30/07/2020



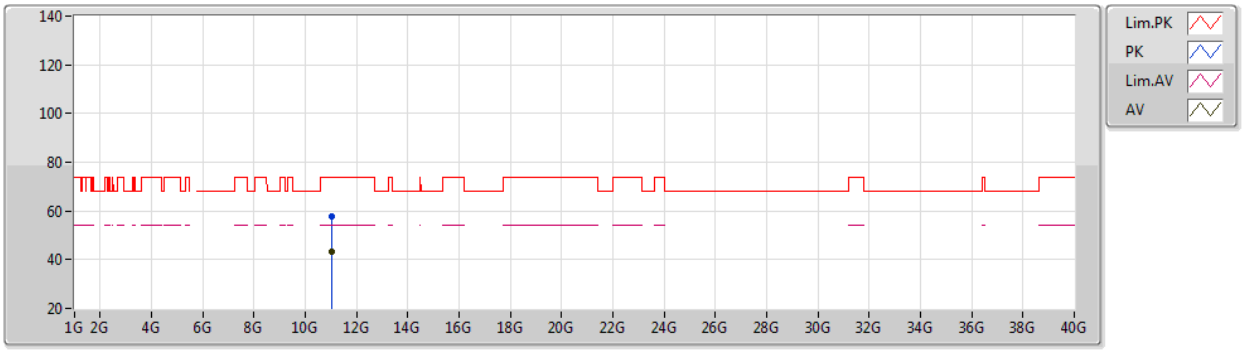
EUT Z_4TX
Setting 69
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4588G	63.91	74.00	-10.09	55.60	3	Vertical	175	1.59	-	34.36	5.80	31.85
AV	5.4588G	50.55	54.00	-3.45	42.24	3	Vertical	175	1.59	-	34.36	5.80	31.85
PK	5.4692G	67.93	68.20	-0.27	59.66	3	Vertical	175	1.59	-	34.32	5.80	31.85
PK	5.5084G	116.47	Inf	-Inf	108.35	3	Vertical	175	1.59	-	34.19	5.80	31.87
AV	5.512G	102.19	Inf	-Inf	94.06	3	Vertical	175	1.59	-	34.19	5.80	31.86

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

5510MHz_TX

30/07/2020



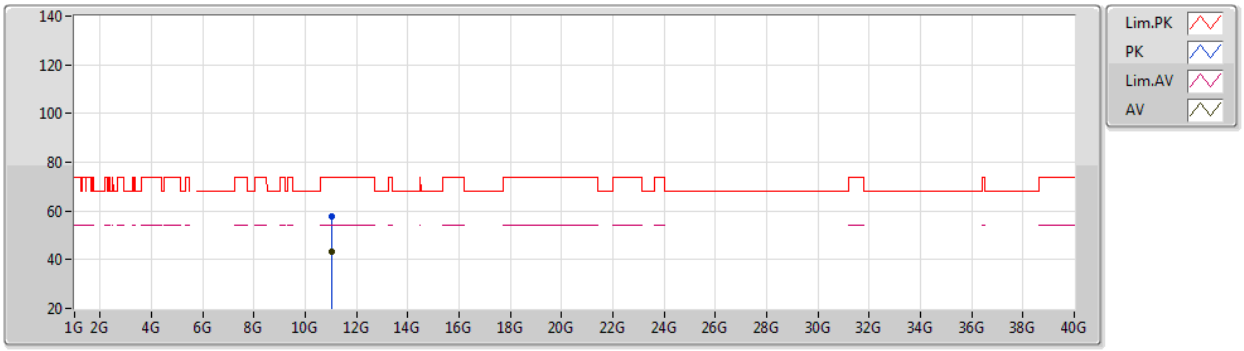
EUT Z_4TX
Setting 69
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.0168G	57.59	74.00	-16.41	43.15	3	Vertical	129	1.82	-	40.64	7.96	34.16
AV	11.0201G	43.34	54.00	-10.66	28.90	3	Vertical	129	1.82	-	40.64	7.96	34.16

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

5510MHz_TX

30/07/2020



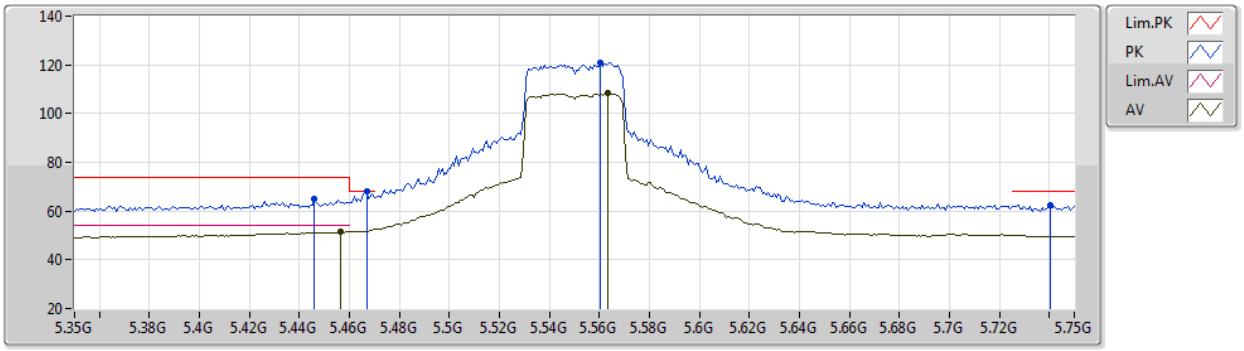
EUT Z_4TX
Setting 69
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.01794G	57.54	74.00	-16.46	43.10	3	Horizontal	270	1.30	-	40.64	7.96	34.16
AV	11.024G	43.41	54.00	-10.59	28.96	3	Horizontal	270	1.30	-	40.65	7.96	34.16

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

5550MHz_TX

30/07/2020



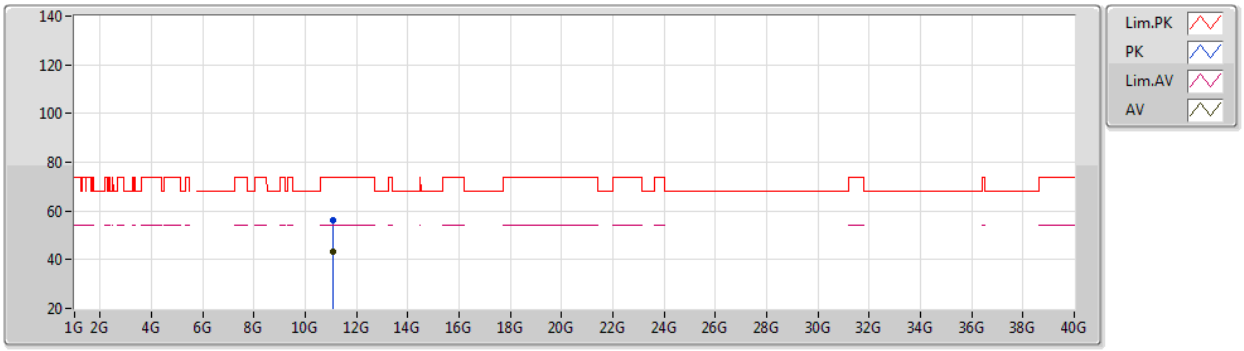
EUT Z_4TX
Setting 87
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.446G	64.85	74.00	-9.15	56.47	3	Vertical	0	2.10	-	34.42	5.80	31.84
AV	5.4564G	51.44	54.00	-2.56	43.11	3	Vertical	0	2.10	-	34.37	5.80	31.84
PK	5.4668G	67.97	68.20	-0.23	59.69	3	Vertical	0	2.10	-	34.33	5.80	31.85
PK	5.5604G	120.97	Inf	-Inf	112.87	3	Vertical	0	2.10	-	34.14	5.80	31.84
AV	5.5636G	108.38	Inf	-Inf	100.28	3	Vertical	0	2.10	-	34.14	5.80	31.84
PK	5.7404G	62.38	68.20	-5.82	54.16	3	Vertical	0	2.10	-	34.04	5.93	31.75

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

5550MHz_TX

30/07/2020



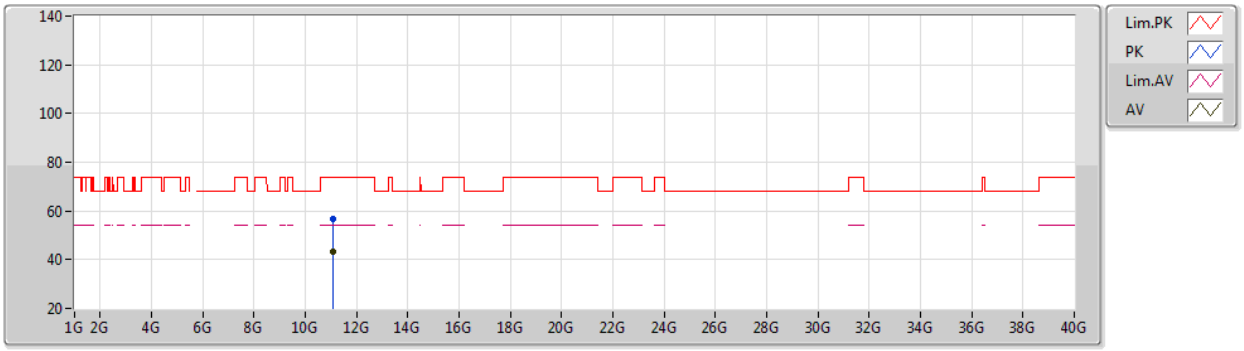
EUT Z_4TX
Setting 87
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.10236G	56.45	74.00	-17.55	41.81	3	Vertical	358	1.65	-	40.81	7.99	34.16
AV	11.09576G	43.36	54.00	-10.64	28.74	3	Vertical	358	1.65	-	40.80	7.98	34.16

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

5550MHz_TX

30/07/2020



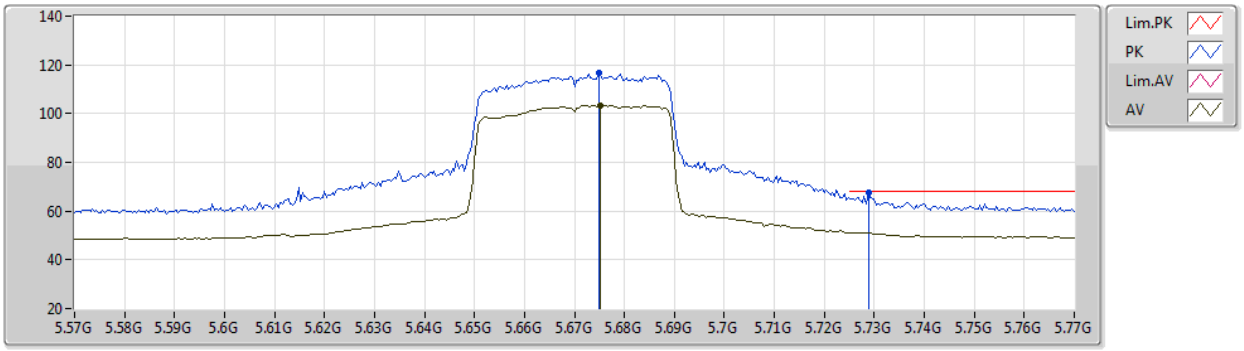
EUT Z_4TX
Setting 87
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.09696G	56.79	74.00	-17.21	42.17	3	Horizontal	35	2.04	-	40.80	7.98	34.16
AV	11.09718G	43.30	54.00	-10.70	28.68	3	Horizontal	35	2.04	-	40.80	7.98	34.16

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

5670MHz_TX

30/07/2020



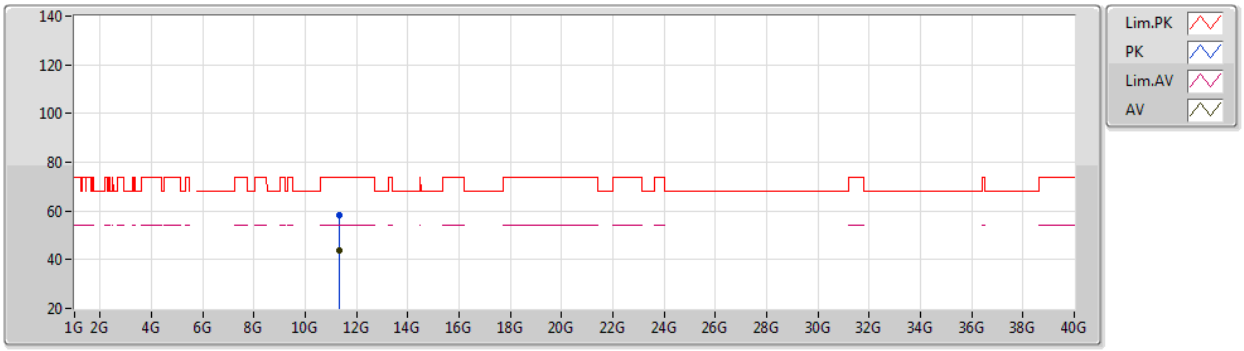
EUT Z_4TX
Setting 71
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6748G	116.66	Inf	-Inf	108.54	3	Vertical	171	1.76	-	34.03	5.87	31.78
AV	5.6752G	103.31	Inf	-Inf	95.20	3	Vertical	171	1.76	-	34.02	5.87	31.78
PK	5.7288G	67.75	68.20	-0.45	59.56	3	Vertical	171	1.76	-	34.03	5.92	31.76

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

5670MHz_TX

30/07/2020



EUT Z_4TX
Setting 71
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.3414G	58.10	74.00	-15.90	42.87	3	Vertical	341	1.98	-	41.32	8.07	34.16
AV	11.33974G	43.99	54.00	-10.01	28.77	3	Vertical	341	1.98	-	41.31	8.07	34.16