Testing Laboratory 1190

FCC RADIO TEST REPORT

FCC ID	:	2AHKM-CODA5519
Equipment	:	DOCSIS 3.1 Wi-Fi 6 EMTA Gateway
Brand Name	:	hitron
Model Name	:	CODA-5519, CODA-5512, CODA-5719, CODA-5712, CODA-5610
Applicant	:	Hitron Technologies Inc. No. 1-8, Li-Hsin 1st Rd. Hsinchu Science Park, Hsinchu 30078, Taiwan
Manufacturer	:	Hitron Technologies Inc. No. 1-8, Li-Hsin 1st Rd. Hsinchu Science Park, Hsinchu 30078, Taiwan
Standard	:	47 CFR FCC Part 15.407

The product was received on Nov. 28, 2019, and testing was started from Nov. 28, 2019 and completed on Mar. 03, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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

Approved by: Sam Chen

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

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History of this test report

Report No.	Version	Description	Issued Date
FR020705AB	01	Initial issue of report	Apr. 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	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

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

Reviewed by: Cliff Chang

Report Producer: Vicky Huang

1 General Description

1.1 Information

1.1.1 RF General Information

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

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

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

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.
- Nss-Min is the minimum number of spatial streams.
- Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)		
						2.4GHz	5GHz B1	5GHz B4
1	3	WIESON	GY196HC112-011	PCB Antenna	MHF	2.8	2.6	3
2	2	WIESON	GY196HC112-012	PCB Antenna	MHF	2.8	2.6	3
3	1	WIESON	GY196HC112-013	PCB Antenna	MHF	2.8	2.6	3
4	4	WIESON	GY196HC112-014	PCB Antenna	MHF	2.8	2.6	3

Note: The above information was declared by manufacturer.

For 2.4GHz function:
For IEEE 802.11b mode (1TX/1RX)
The EUT supports the antenna with TX and RX diversity functions.
Port 1, Port 2, Port 3 and Port 4 support transmit and receive functions, but only one of them will be used at one time.

For IEEE 802.11g/n/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 5GHz function:
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.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20-BF	0.933	0.3	3.84m	300
802.11ac VHT40	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40-BF	0.955	0.2	4.613m	300
802.11ac VHT80	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT80-BF	0.94	0.27	5.098m	300
802.11ax HEW20	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20-BF	0.938	0.28	5.339m	300
802.11ax HEW40	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40-BF	0.828	0.82	1.423m	1k
802.11ax HEW80	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80-BF	0.957	0.19	5.4m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 802.11n/ac/ax in 5GHz.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	V610.23			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

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

Brand Name	Model Name	Description
hitron	CODA-5519	All the models are identical, the difference model served as marketing strategy.
	CODA-5719	
	CODA-5610	
	CODA-5712	
	CODA-5512	

From the above models, model: CODA-5519 was selected as representative model for the test and its data was recorded in this report.

1.2 Applicable Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- FCC KDB 789033 D02 v02r01
- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Owen Hsu	22.9~24.8°C / 59~63%	Nov. 28, 2019~ Mar. 03, 2020
Radiated (Below 1GHz)	03CH05-CB	Cola Fan	20~21.3°C / 58~63%	Feb. 28, 2020
Radiated (Above 1GHz)	03CH04-CB	Welson Chen	22.6~23.7°C / 59~64%	Nov. 29, 2019~ Mar. 02, 2020
AC Conduction	CO01-CB	Max Lin	22~23°C / 59~60%	Mar. 03, 2020

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

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	66
5200MHz	65
5240MHz	67
5745MHz	65
5785MHz	65
5825MHz	65
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5180MHz	63
5200MHz	62
5240MHz	63
5745MHz	64
5785MHz	64
5825MHz	65
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5190MHz	60
5230MHz	63
5755MHz	63
5795MHz	63
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5210MHz	58
5775MHz	63
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	65
5200MHz	63
5240MHz	64
5745MHz	66
5785MHz	65
5825MHz	66
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	61
5230MHz	64
5755MHz	64
5795MHz	64
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	58

Mode	Power Setting
5775MHz	65
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5180MHz	50
5200MHz	58
5240MHz	57
5745MHz	58
5785MHz	59
5825MHz	59
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5190MHz	50
5230MHz	57
5755MHz	58
5795MHz	58
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5210MHz	50
5775MHz	56
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	56
5200MHz	58
5240MHz	57
5745MHz	58
5785MHz	58
5825MHz	58
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	50
5230MHz	57
5755MHz	57
5795MHz	58
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	49
5775MHz	52

Note:
There are two functions of EUT, one is beamforming function, and the other is non-beamforming function for 802.11n/ac/ax in 5GHz band. All test results were recorded in the report.

2.2 The Worst Case Measurement Configuration

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

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

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA020705 for Co-location RF Exposure Evaluation.	

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

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

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

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories				
Equipment Name	**Brand Name**	**Model Name**	**Rating**	**DC Power Line**
Adapter 1	APD	DA-60Y12	Input: 100-240V~50-60Hz, 1.5A Max. Output: 12V, 5A	Non-Shielded, 1.2m
Adapter 2	Frecom	F60X-120450SPA	Input: 100-240~50/60Hz 1.6A Output: 12V, 4.5A	Non-Shielded, 1.5m
Others				
AC Power Cord*1, Non-Shielded, 1.2m				
RJ-45 cable*1,Non-Shielded 1.5m				

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	2.5G LAN PC	DELL	T3400	N/A
B	LAN NB	DELL	E6430	N/A
C	Phone	SAMPO	HT-B 907WL	N/A
D	Phone	SAMPO	HT-B 907WL	N/A
E	CO (Terminal System)	Jinghong	D3 CMTS JH-HE3416B	N/A
F	Flash disk3.0	Transcend	C55210 2808	N/A
G	2.4G NB	DELL	E6430	N/A
H	5G NB	DELL	E6430	N/A
I	Splitter	N/A	N/A	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PC	DELL	T3400	N/A
B	NB	DELL	E4300	N/A
C	NB	DELL	E4300	N/A
D	Flash disk3.0	Transcend	C55210 2808	N/A
E	Phone	PHILIPS	M20	N/A
F	Phone	PHILIPS	M20	N/A
G	Splitter	N/A	N/A	N/A
H	CO (Terminal System)	Jinghong	D3 CMTS JH-HE3416B	N/A
I	NB	DELL	E4300	N/A

For Radiated (above 1GHz) and RF Conducted:
For non-beamforming mode:

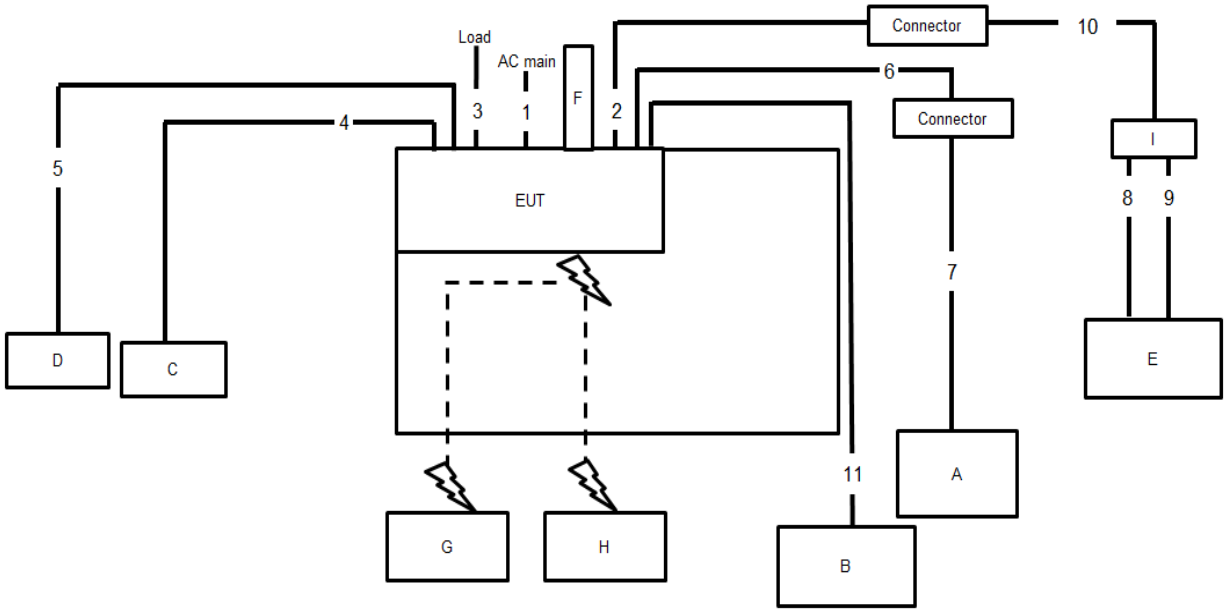
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A

For beamforming mode:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	WLAN module	Intel	AX200NGW	N/A

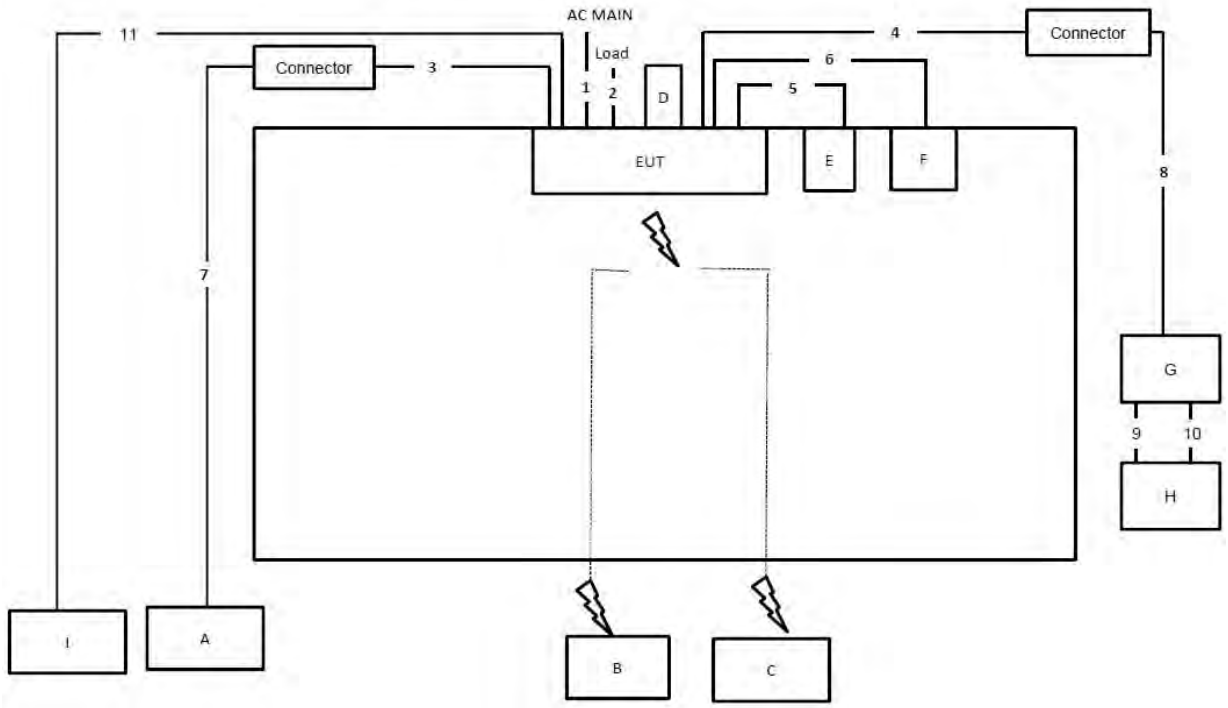
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	Coaxial cable	Yes	3m
3	RJ-45 cable	No	1.5m
4	RJ-11 cable	No	10m
5	RJ-11 cable	No	10m
6	RJ-45 cable	No	1.5m
7	RJ-45 cable	No	10m
8	Coaxial cable	Yes	1m
9	Coaxial cable	Yes	1m
10	Coaxial cable	Yes	1.7m
11	RJ-45 cable	No	10m

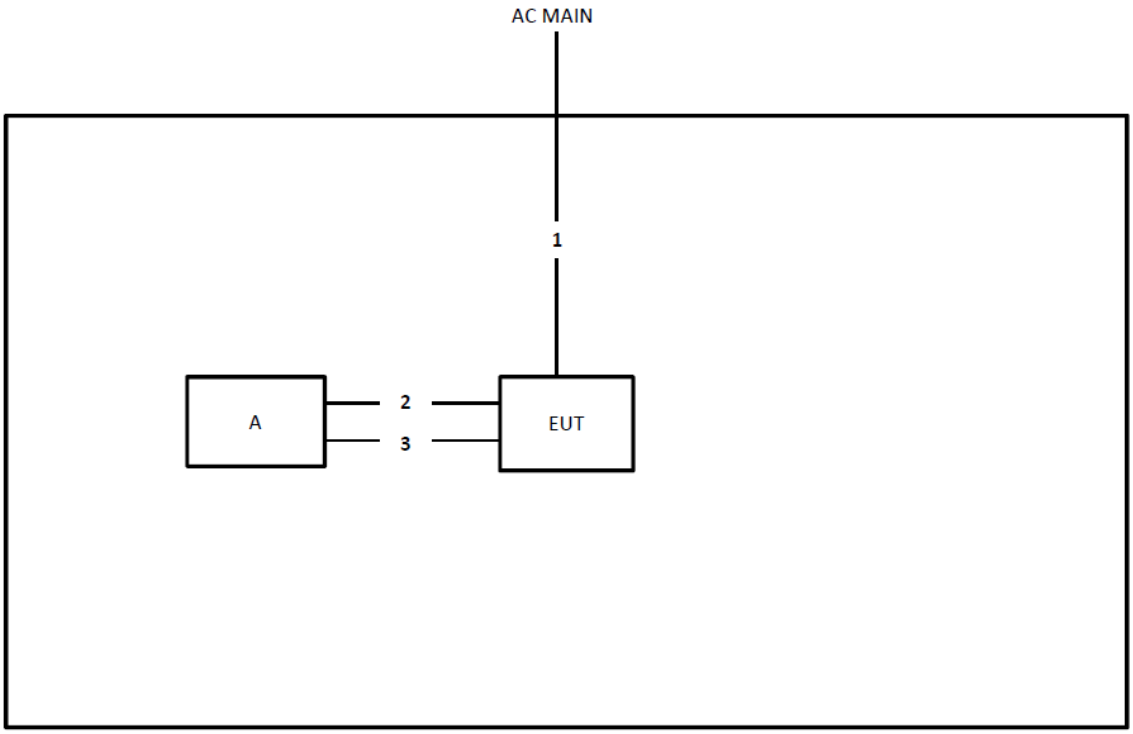
Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	1.5m
4	Coaxial cable	Yes	10m
5	RJ-11 cable	No	1.5m
6	RJ-11 cable	No	1.5m
7	RJ-45 cable	No	10m
8	Coaxial cable	Yes	1.7m
9	Coaxial cable	Yes	1m
10	Coaxial cable	Yes	1.1m
11	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz

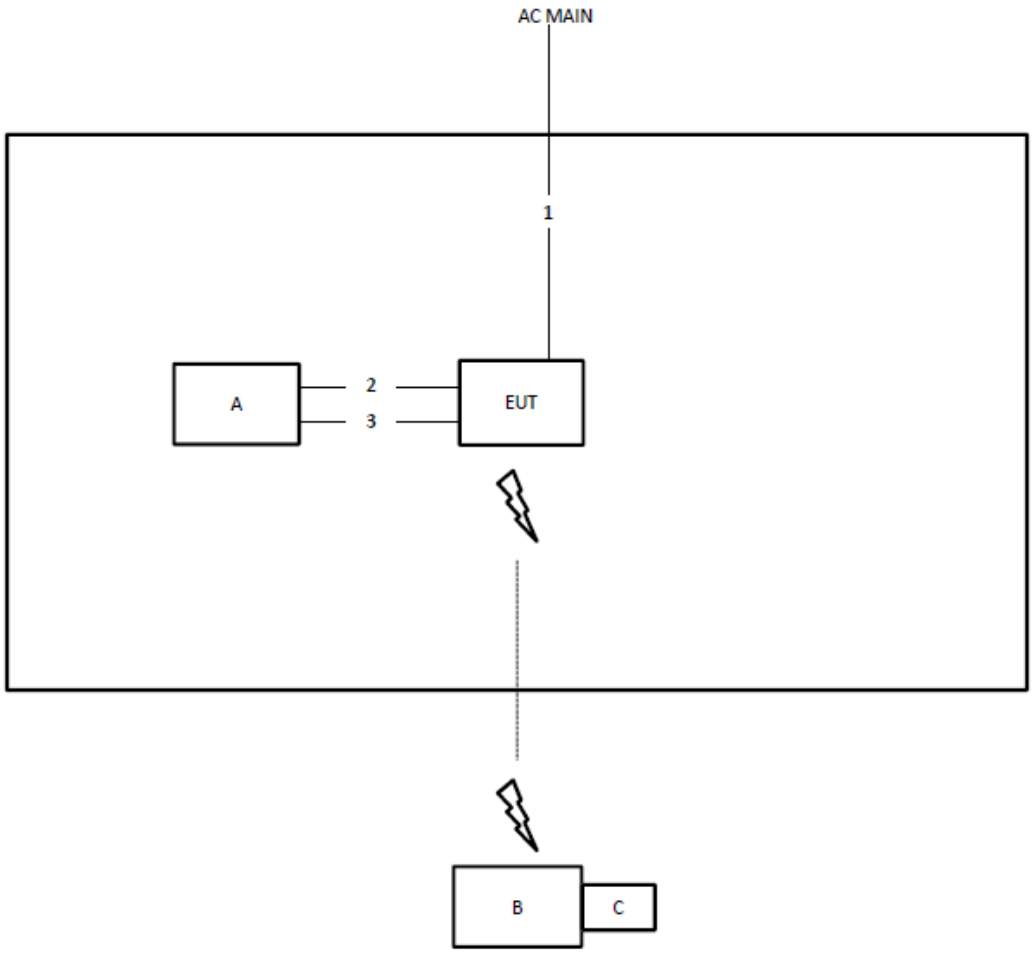
For non-beamforming mode:



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

Test Setup Diagram - Radiated Test > 1GHz

For beamforming mode:



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

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

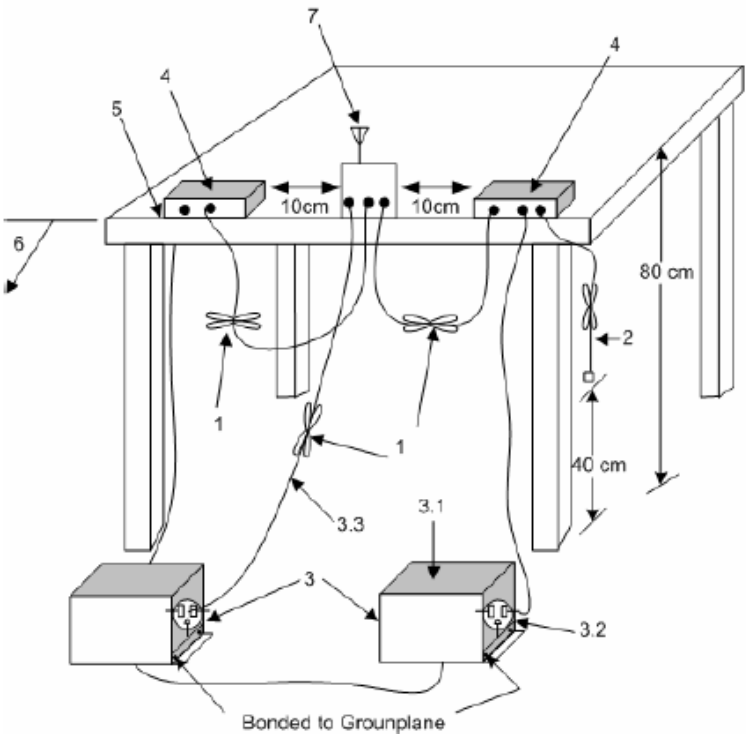
Refer a test equipment and calibration data table in this test report.

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 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

3.2.2 Measuring Instruments

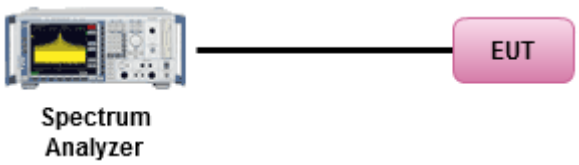
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

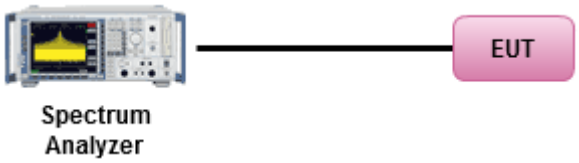
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of

linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

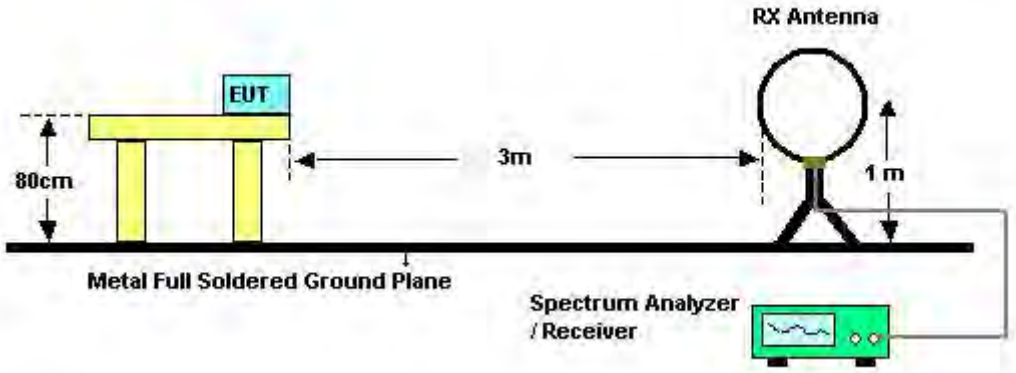
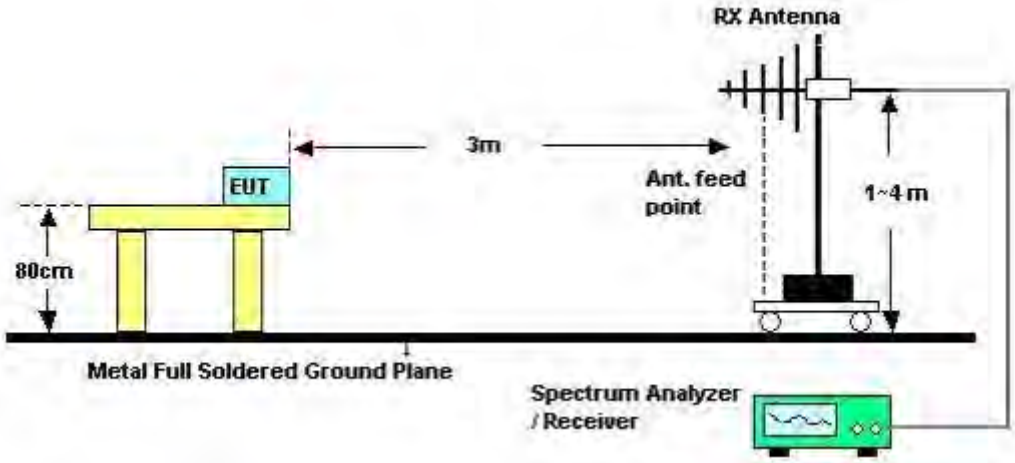
3.5.2 Measuring Instruments

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

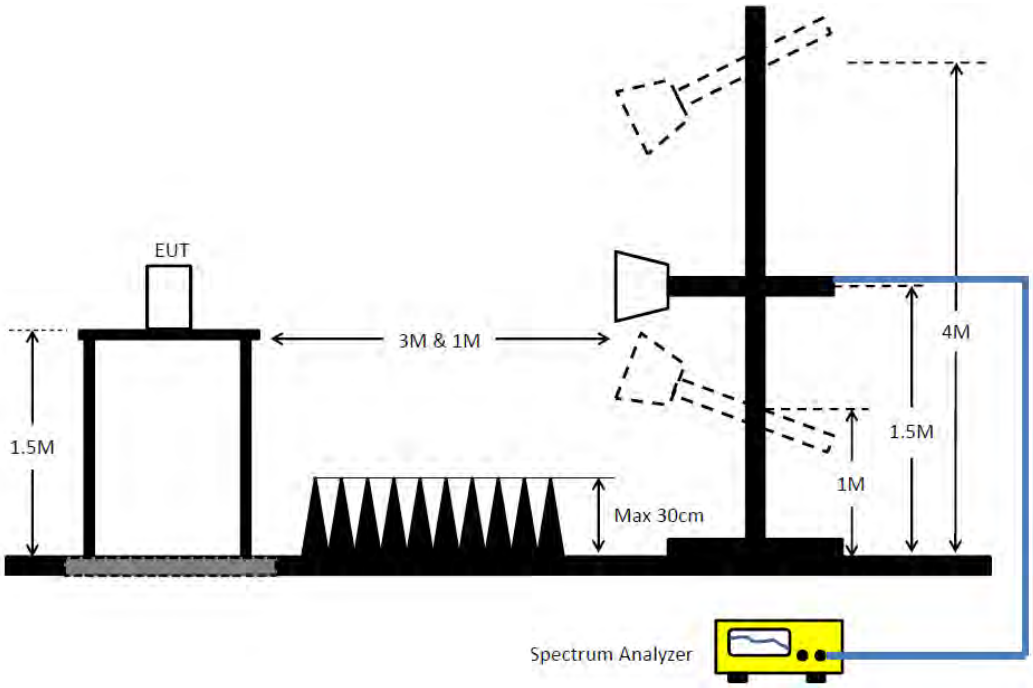
3.5.3 Test Procedures

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

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = 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)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 21, 2019	May 20, 2020	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 28, 2019	Mar. 27, 2020	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 01, 2019	Apr. 30, 2020	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Aug. 15, 2019	Aug. 14, 2020	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 15, 2019	May 14, 2020	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	LOW Cable-04+23	30MHz~1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 29, 2019	Mar. 28, 2020	Radiation (03CH05-CB)
Horn Antenna	ETS・Lindgren	3115	00143147	750MHz~ 18GHz	Oct. 22, 2019	Oct. 21, 2020	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 12, 2019	Jun. 11, 2020	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Mar. 19, 2019	Mar. 18, 2020	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Dec. 26, 2018	Dec. 25, 2019	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	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+22	1GHz - 18GHz	Oct. 07, 2019	Oct. 06, 2020	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#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jul. 02, 2019	Jul. 01, 2020	Conducted (TH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-28	1 GHz – 26.5 GHz	Nov. 18, 2019	Nov. 17, 2020	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~ 40GHz	Sep. 11, 2019	Sep. 10, 2020	Conducted (TH01-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~ 40GHz	Sep. 11, 2019	Sep. 10, 2020	Conducted (TH01-CB)

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

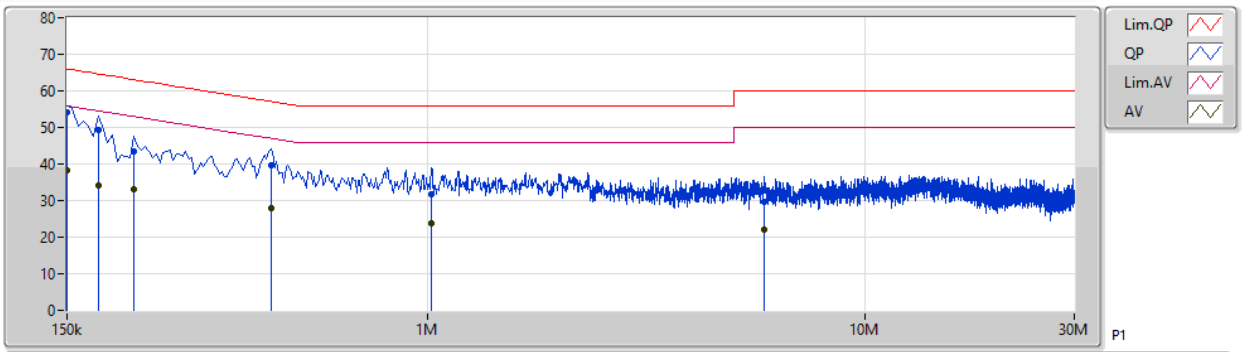
NCR means Non-Calibration required.

Summary

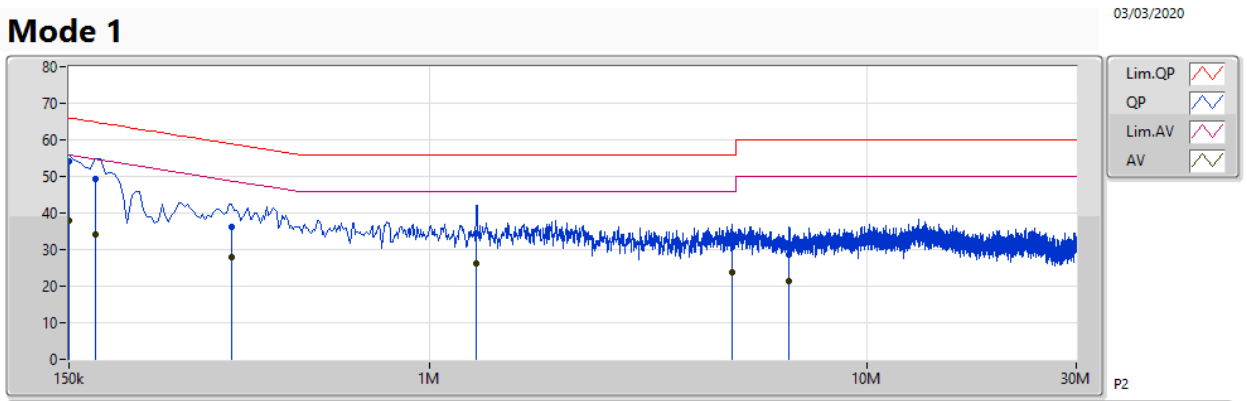
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition
Mode 1	Pass	QP	150k	54.04	66.00	-11.96	9.90	Neutral

Mode 1

03/03/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	53.97	66.00	-12.03	9.90	Line	"Worst"	44.07	0.05	0.06	9.79
AV	150k	38.26	56.00	-17.74	9.90	Line	-	28.36	0.05	0.06	9.79
QP	177k	49.41	64.62	-15.21	9.90	Line	-	39.51	0.05	0.06	9.79
AV	177k	34.03	54.62	-20.59	9.90	Line	-	24.13	0.05	0.06	9.79
QP	213k	43.47	63.09	-19.62	9.90	Line	-	33.57	0.05	0.06	9.79
AV	213k	33.24	53.09	-19.85	9.90	Line	-	23.34	0.05	0.06	9.79
QP	438k	39.54	57.11	-17.57	9.92	Line	-	29.62	0.05	0.06	9.81
AV	438k	27.98	47.11	-19.13	9.92	Line	-	18.06	0.05	0.06	9.81
QP	1.019M	31.72	56.00	-24.28	9.97	Line	-	21.75	0.06	0.09	9.82
AV	1.019M	23.94	46.00	-22.06	9.97	Line	-	13.97	0.06	0.09	9.82
QP	5.888M	29.49	60.00	-30.51	10.23	Line	-	19.26	0.17	0.20	9.86
AV	5.888M	22.19	50.00	-27.81	10.23	Line	-	11.96	0.17	0.20	9.86



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	54.04	66.00	-11.96	9.90	Neutral	"Worst"	44.14	0.05	0.06	9.79
AV	150k	38.09	56.00	-17.91	9.90	Neutral	-	28.19	0.05	0.06	9.79
QP	172.5k	49.29	64.83	-15.54	9.90	Neutral	-	39.39	0.05	0.06	9.79
AV	172.5k	34.24	54.83	-20.59	9.90	Neutral	-	24.34	0.05	0.06	9.79
QP	352.5k	36.21	58.91	-22.70	9.92	Neutral	-	26.29	0.05	0.06	9.81
AV	352.5k	28.01	48.91	-20.90	9.92	Neutral	-	18.09	0.05	0.06	9.81
QP	1.28M	34.44	56.00	-21.56	9.99	Neutral	-	24.45	0.07	0.10	9.82
AV	1.28M	26.07	46.00	-19.93	9.99	Neutral	-	16.08	0.07	0.10	9.82
QP	4.898M	31.34	56.00	-24.66	10.14	Neutral	-	21.20	0.13	0.18	9.83
AV	4.898M	23.87	46.00	-22.13	10.14	Neutral	-	13.73	0.13	0.18	9.83
QP	6.617M	28.59	60.00	-31.41	10.22	Neutral	-	18.37	0.15	0.20	9.87
AV	6.617M	21.30	50.00	-28.70	10.22	Neutral	-	11.08	0.15	0.20	9.87

For non-beamforming mode:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	29.6M	16.767M	16M8D1D	25.2M	16.592M
802.11ac VHT20_Nss1,(MCS0)_4TX	31.725M	17.966M	18M0D1D	26.3M	17.816M
802.11ac VHT40_Nss1,(MCS0)_4TX	49.65M	36.482M	36M5D1D	47.35M	36.332M
802.11ac VHT80_Nss1,(MCS0)_4TX	93.4M	76.162M	76M2D1D	90.1M	75.862M
802.11ax HEW20_Nss1,(MCS0)_4TX	24.625M	19.04M	19M0D1D	22.2M	18.916M
802.11ax HEW40_Nss1,(MCS0)_4TX	42.25M	38.031M	38M0D1D	40.4M	37.881M
802.11ax HEW80_Nss1,(MCS0)_4TX	83.5M	77.561M	77M6D1D	82.2M	77.461M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.6M	16.742M	16M7D1D	16.4M	16.617M
802.11ac VHT20_Nss1,(MCS0)_4TX	17.825M	17.991M	18M0D1D	17.625M	17.791M
802.11ac VHT40_Nss1,(MCS0)_4TX	36.55M	36.482M	36M5D1D	36.45M	36.382M
802.11ac VHT80_Nss1,(MCS0)_4TX	76.6M	75.962M	76M0D1D	76.5M	75.962M
802.11ax HEW20_Nss1,(MCS0)_4TX	19.125M	19.115M	19M1D1D	18.85M	18.916M
802.11ax HEW40_Nss1,(MCS0)_4TX	38.15M	38.431M	38M4D1D	38.1M	37.981M
802.11ax HEW80_Nss1,(MCS0)_4TX	78.1M	77.561M	77M6D1D	78.1M	77.261M

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

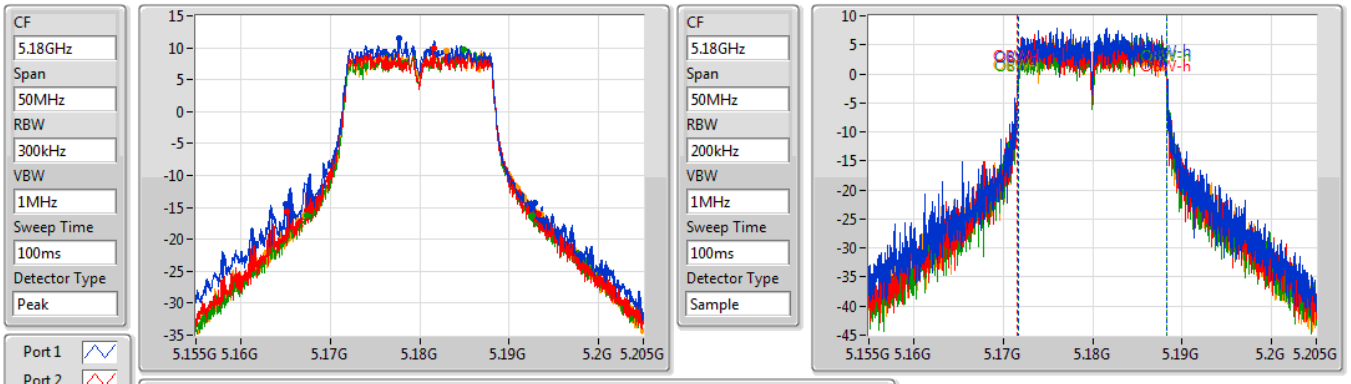
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	27.825M	16.617M	28.1M	16.692M	25.2M	16.642M	26.475M	16.717M
5200MHz	Pass	Inf	27.75M	16.667M	28.525M	16.767M	27.325M	16.742M	29.05M	16.767M
5240MHz	Pass	Inf	29.6M	16.642M	28.6M	16.742M	27.175M	16.592M	29.1M	16.767M
5745MHz	Pass	500k	16.55M	16.642M	16.55M	16.742M	16.525M	16.692M	16.4M	16.617M
5785MHz	Pass	500k	16.55M	16.667M	16.6M	16.642M	16.5M	16.667M	16.475M	16.717M
5825MHz	Pass	500k	16.55M	16.692M	16.55M	16.692M	16.45M	16.692M	16.525M	16.742M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	29.025M	17.891M	30.325M	17.941M	27.3M	17.866M	26.3M	17.816M
5200MHz	Pass	Inf	28.9M	17.841M	30.225M	17.966M	27.5M	17.866M	26.625M	17.841M
5240MHz	Pass	Inf	31.725M	17.866M	30.225M	17.941M	27.1M	17.866M	27.125M	17.866M
5745MHz	Pass	500k	17.825M	17.991M	17.825M	17.916M	17.75M	17.916M	17.625M	17.791M
5785MHz	Pass	500k	17.825M	17.916M	17.825M	17.916M	17.725M	17.891M	17.65M	17.866M
5825MHz	Pass	500k	17.825M	17.891M	17.825M	17.891M	17.65M	17.841M	17.625M	17.816M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	47.75M	36.332M	49.65M	36.432M	47.5M	36.432M	47.35M	36.482M
5230MHz	Pass	Inf	47.6M	36.432M	47.8M	36.382M	49.05M	36.382M	49.4M	36.382M
5755MHz	Pass	500k	36.55M	36.432M	36.5M	36.382M	36.5M	36.482M	36.5M	36.482M
5795MHz	Pass	500k	36.55M	36.432M	36.5M	36.382M	36.55M	36.482M	36.45M	36.482M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	93.4M	76.162M	90.7M	75.862M	90.5M	75.962M	90.1M	75.962M
5775MHz	Pass	500k	76.6M	75.962M	76.5M	75.962M	76.5M	75.962M	76.5M	75.962M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	24.5M	19.015M	23.55M	18.941M	22.475M	18.916M	22.525M	18.941M
5200MHz	Pass	Inf	22.925M	18.991M	23.225M	19.015M	22.4M	18.941M	23.025M	18.966M
5240MHz	Pass	Inf	24.1M	19.04M	24.625M	19.04M	22.875M	18.991M	22.2M	19.015M
5745MHz	Pass	500k	19.1M	19.04M	19.125M	19.065M	19.075M	19.09M	19.05M	19.065M
5785MHz	Pass	500k	19.075M	19.115M	19.075M	19.09M	19.1M	19.04M	19.05M	18.991M
5825MHz	Pass	500k	18.9M	19.015M	18.95M	18.966M	18.85M	18.966M	18.85M	18.916M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	42.25M	37.981M	42.25M	37.931M	41.5M	37.931M	41M	37.931M
5230MHz	Pass	Inf	41.85M	38.031M	40.95M	37.931M	40.4M	37.881M	40.95M	38.031M
5755MHz	Pass	500k	38.1M	38.031M	38.1M	37.981M	38.15M	38.081M	38.15M	38.031M
5795MHz	Pass	500k	38.15M	38.431M	38.15M	38.431M	38.1M	38.431M	38.15M	38.431M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.7M	77.561M	83.5M	77.461M	82.8M	77.461M	82.2M	77.461M
5775MHz	Pass	500k	78.1M	77.461M	78.1M	77.261M	78.1M	77.461M	78.1M	77.561M

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

28/11/2019

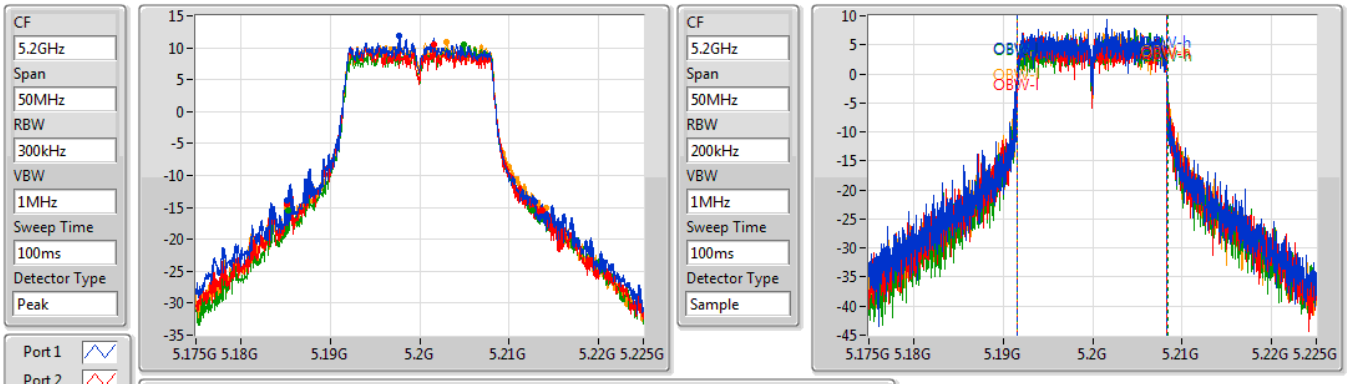


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.825M	5.16505G	5.192875G	16.617M	5.171654G	5.188271G	Inf	1
28.1M	5.165175G	5.193275G	16.692M	5.171629G	5.188321G	Inf	2
25.2M	5.16735G	5.19255G	16.642M	5.171654G	5.188296G	Inf	3
26.475M	5.167075G	5.19355G	16.717M	5.171629G	5.188346G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5200MHz

28/11/2019

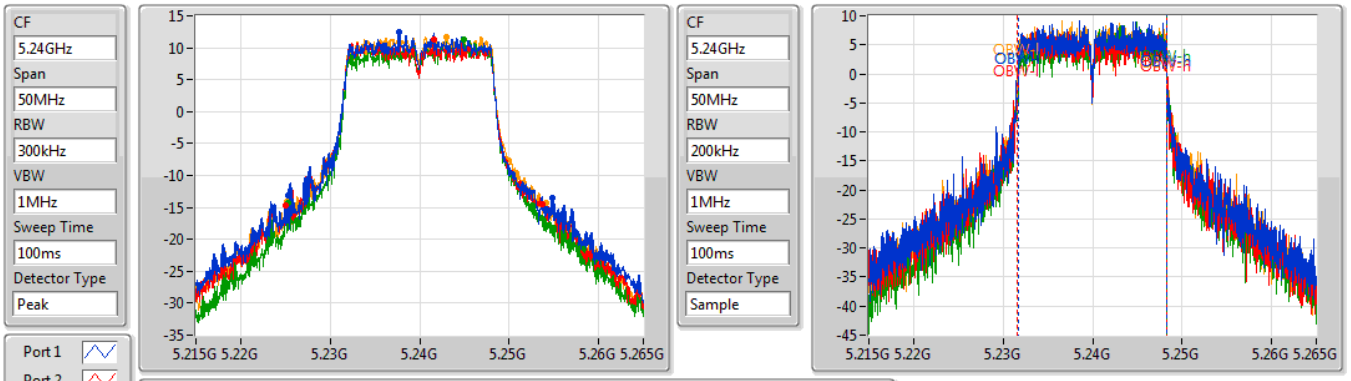


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.75M	5.18515G	5.2129G	16.667M	5.191604G	5.208271G	Inf	1
28.525M	5.18515G	5.213675G	16.767M	5.191579G	5.208346G	Inf	2
27.325M	5.185275G	5.2126G	16.742M	5.191629G	5.208371G	Inf	3
29.05M	5.18515G	5.2142G	16.767M	5.191579G	5.208346G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5240MHz

28/11/2019

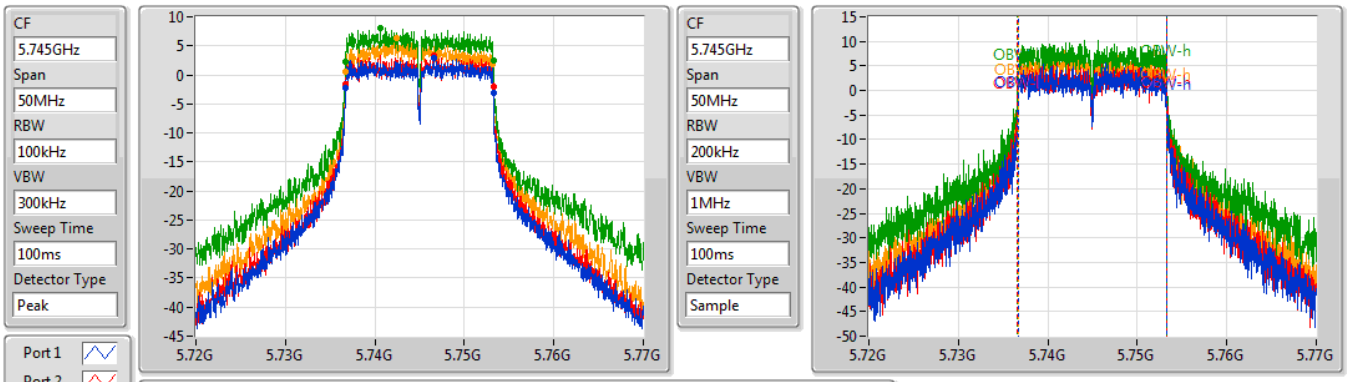


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.6M	5.225275G	5.254875G	16.642M	5.231654G	5.248296G	Inf	1
28.6M	5.225075G	5.253675G	16.742M	5.231579G	5.248321G	Inf	2
27.175M	5.225375G	5.25255G	16.592M	5.231679G	5.248271G	Inf	3
29.1M	5.2251G	5.2542G	16.767M	5.231579G	5.248346G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5745MHz

28/11/2019

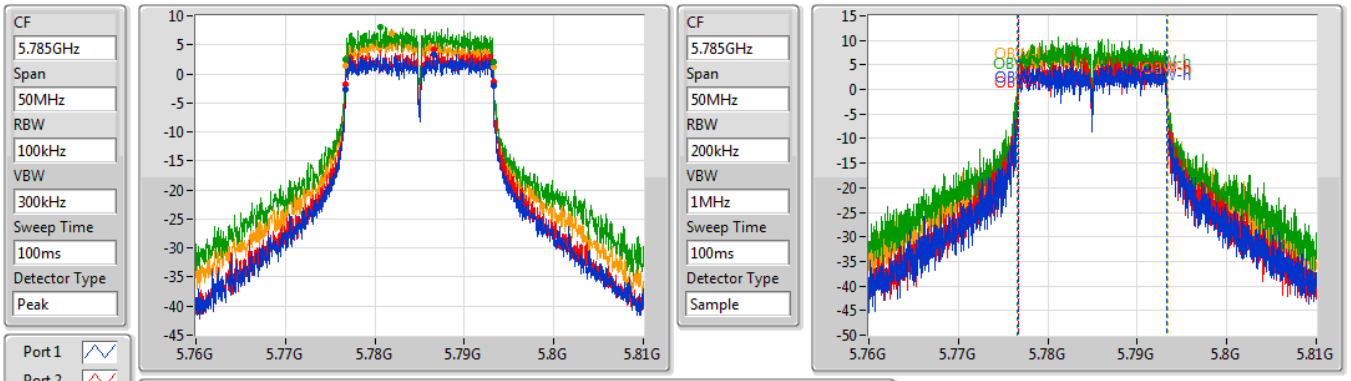


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.55M	5.7367G	5.75325G	16.642M	5.736654G	5.753296G	500k	1
16.55M	5.7367G	5.75325G	16.742M	5.736604G	5.753346G	500k	2
16.525M	5.7367G	5.753225G	16.692M	5.736579G	5.753271G	500k	3
16.4M	5.73675G	5.75315G	16.617M	5.736679G	5.753296G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5785MHz

28/11/2019

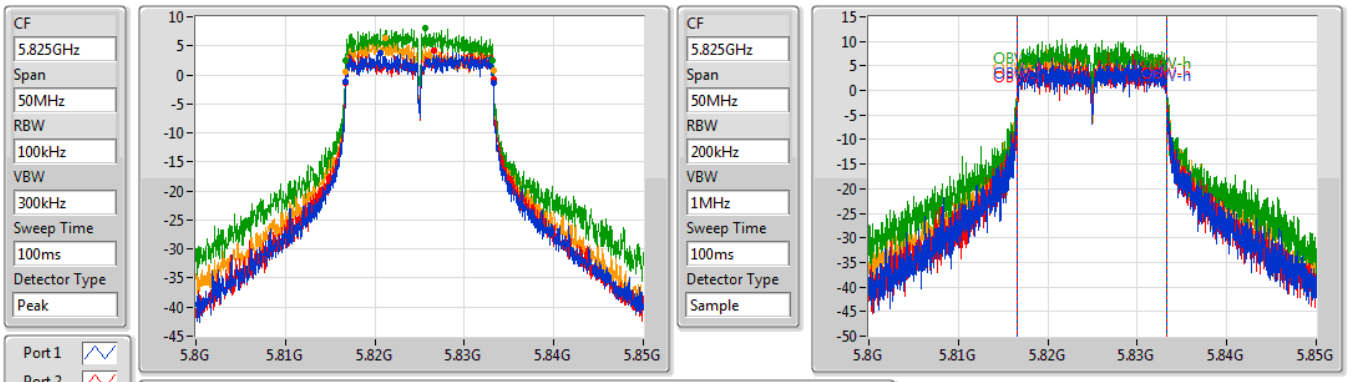


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.55M	5.7767G	5.79325G	16.667M	5.776654G	5.793321G	500k	1
16.6M	5.776675G	5.793275G	16.642M	5.776654G	5.793296G	500k	2
16.5M	5.776725G	5.793225G	16.667M	5.776604G	5.793271G	500k	3
16.475M	5.77675G	5.793225G	16.717M	5.776654G	5.793371G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5825MHz

28/11/2019

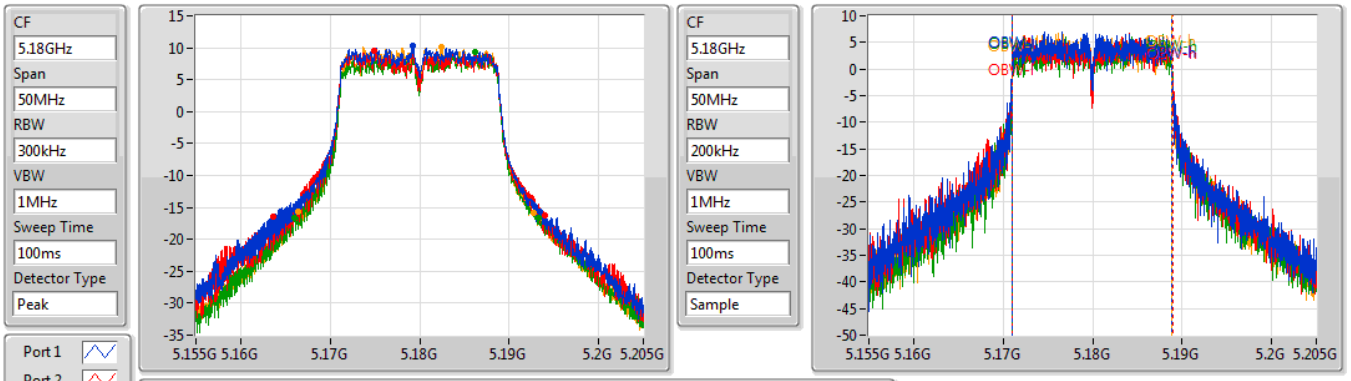


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.55M	5.8167G	5.83325G	16.692M	5.816629G	5.833321G	500k	1
16.55M	5.8167G	5.83325G	16.692M	5.816629G	5.833321G	500k	2
16.45M	5.816725G	5.833175G	16.692M	5.816579G	5.833271G	500k	3
16.525M	5.8167G	5.833225G	16.742M	5.816554G	5.833296G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5180MHz

28/11/2019

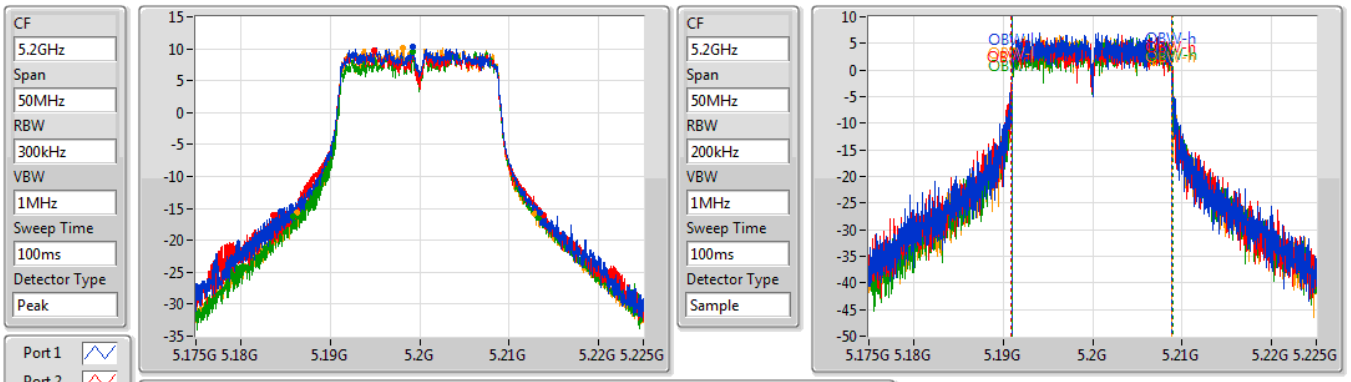


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.025M	5.164475G	5.1935G	17.891M	5.171004G	5.188896G	Inf	1
30.325M	5.163675G	5.194G	17.941M	5.17098G	5.188921G	Inf	2
27.3M	5.16595G	5.19325G	17.866M	5.171054G	5.188921G	Inf	3
26.3M	5.16645G	5.19275G	17.816M	5.171054G	5.188871G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5200MHz

28/11/2019

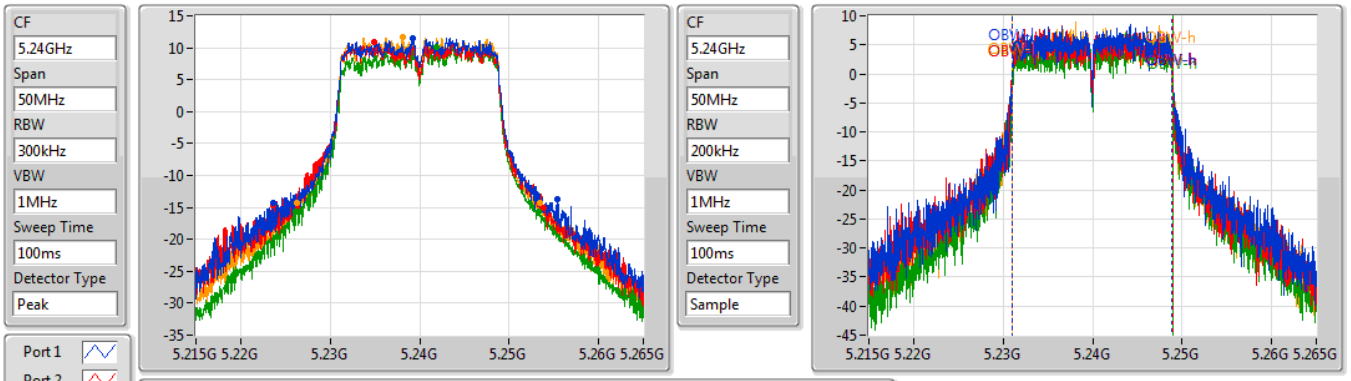


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.9M	5.184525G	5.213425G	17.841M	5.191029G	5.208871G	Inf	1
30.225M	5.183625G	5.21385G	17.966M	5.19093G	5.208896G	Inf	2
27.5M	5.18585G	5.21335G	17.866M	5.191054G	5.208921G	Inf	3
26.625M	5.1863G	5.212925G	17.841M	5.191054G	5.208896G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5240MHz

28/11/2019

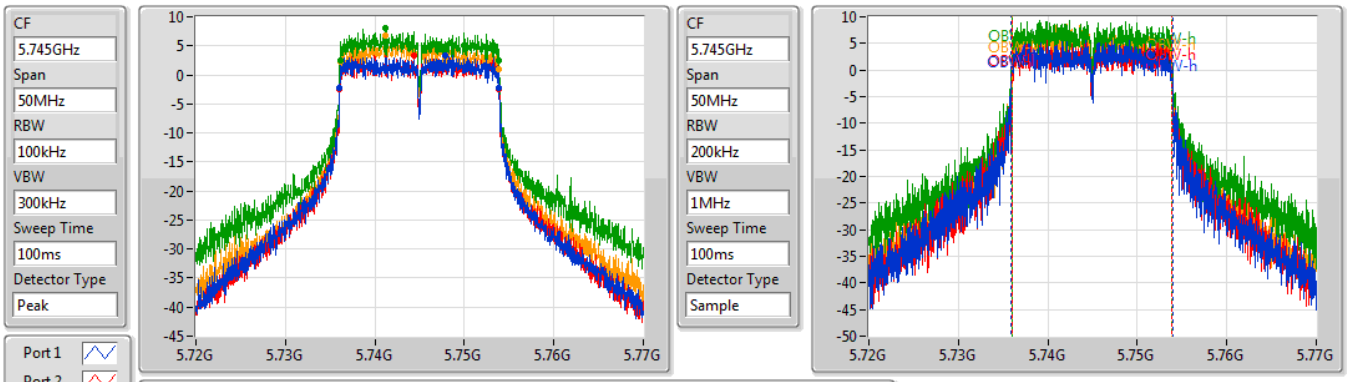


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.725M	5.223675G	5.2554G	17.866M	5.231029G	5.248896G	Inf	1
30.225M	5.2237G	5.253925G	17.941M	5.23098G	5.248921G	Inf	2
27.1M	5.2262G	5.2533G	17.866M	5.231054G	5.248921G	Inf	3
27.125M	5.226325G	5.25345G	17.866M	5.231029G	5.248896G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5745MHz

28/11/2019

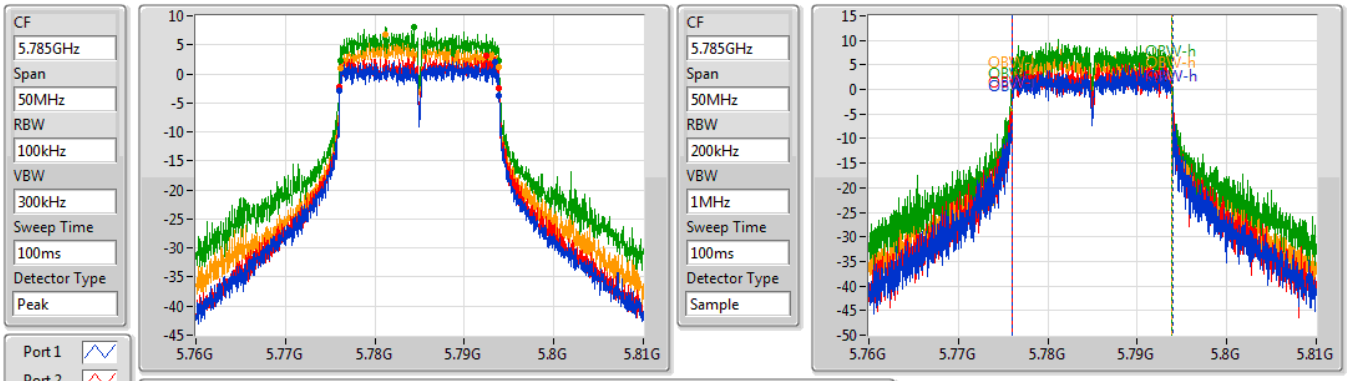


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.825M	5.736075G	5.7539G	17.991M	5.73593G	5.753921G	500k	1
17.825M	5.736075G	5.7539G	17.916M	5.73598G	5.753896G	500k	2
17.75M	5.7361G	5.75385G	17.916M	5.73598G	5.753896G	500k	3
17.625M	5.736175G	5.7538G	17.791M	5.736054G	5.753846G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5785MHz

28/11/2019

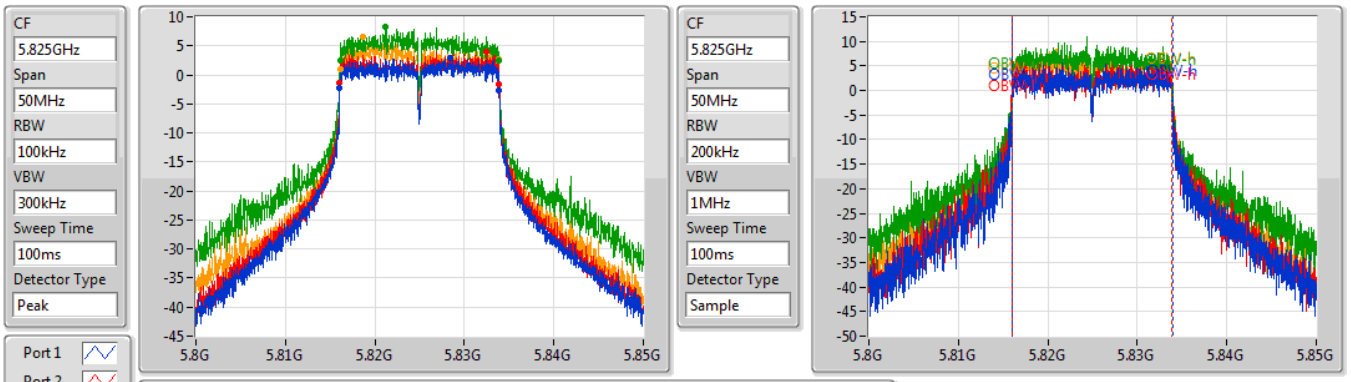


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.825M	5.776075G	5.7939G	17.916M	5.776004G	5.793921G	500k	1
17.825M	5.776075G	5.7939G	17.916M	5.776004G	5.793921G	500k	2
17.725M	5.776125G	5.79385G	17.891M	5.77598G	5.793871G	500k	3
17.65M	5.77615G	5.7938G	17.866M	5.776029G	5.793896G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5825MHz

28/11/2019

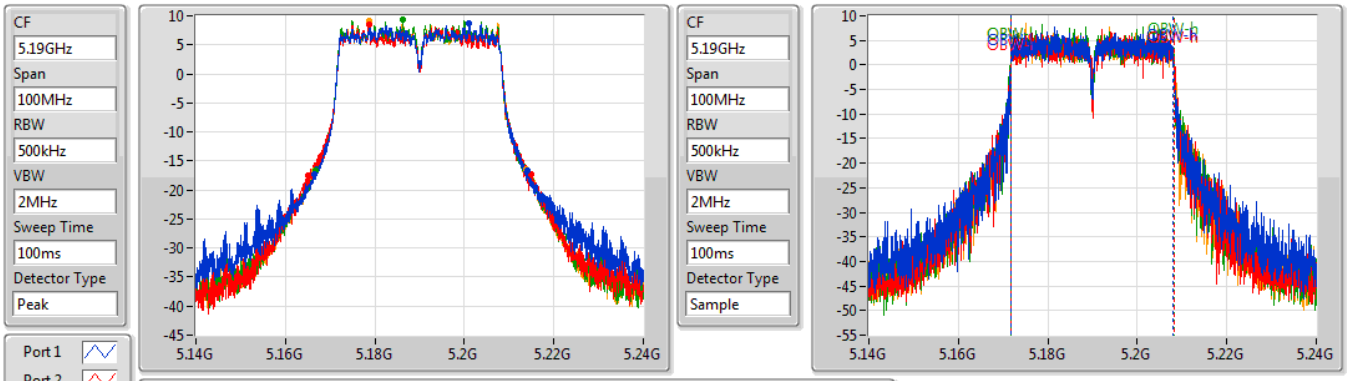


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.825M	5.816075G	5.8339G	17.891M	5.816029G	5.833921G	500k	1
17.825M	5.816075G	5.8339G	17.891M	5.81598G	5.833871G	500k	2
17.65M	5.81615G	5.8338G	17.841M	5.816029G	5.833871G	500k	3
17.625M	5.81615G	5.833775G	17.816M	5.816054G	5.833871G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5190MHz

28/11/2019

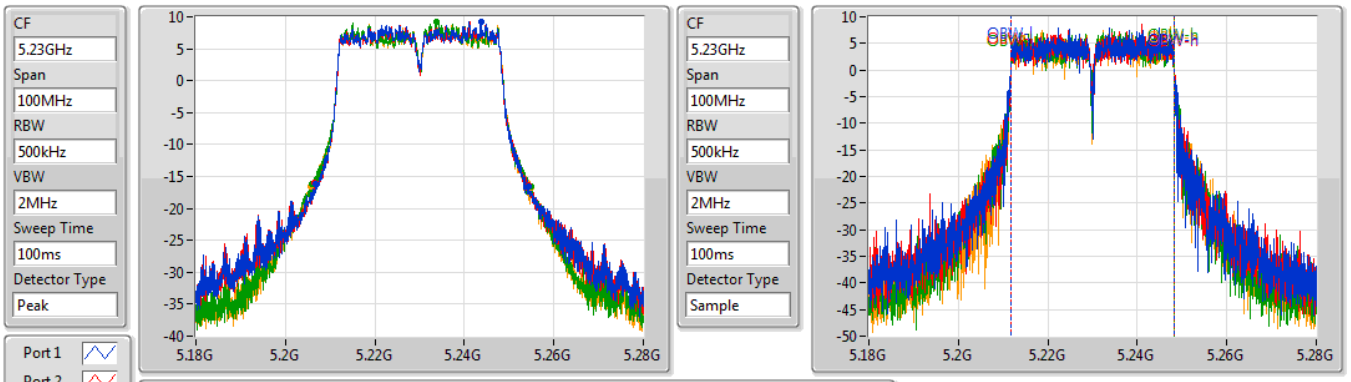


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
47.75M	5.16635G	5.2141G	36.332M	5.171759G	5.208091G	Inf	1
49.65M	5.16515G	5.2148G	36.432M	5.171709G	5.208141G	Inf	2
47.5M	5.16665G	5.21415G	36.432M	5.171709G	5.208141G	Inf	3
47.35M	5.1665G	5.21385G	36.482M	5.171709G	5.208191G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5230MHz

28/11/2019

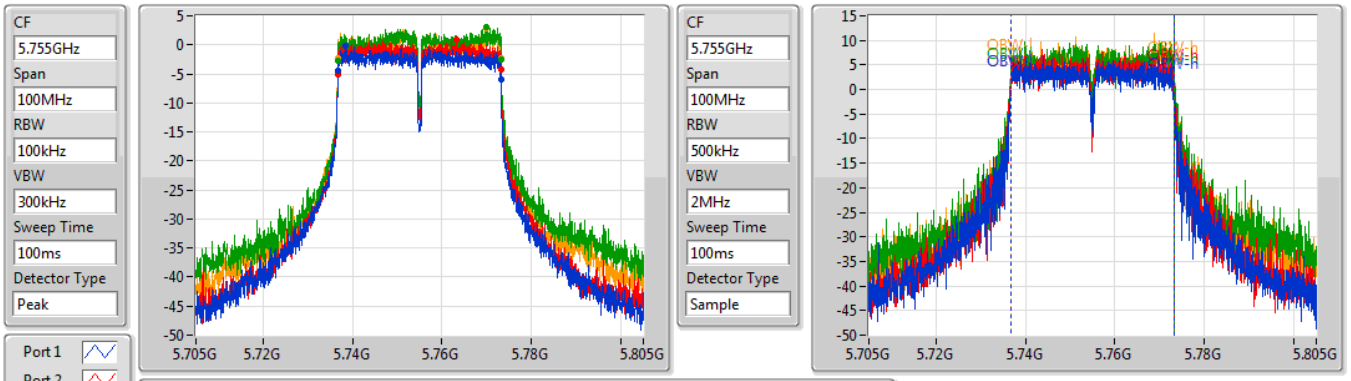


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
47.6M	5.2068G	5.2544G	36.432M	5.211709G	5.248141G	Inf	1
47.8M	5.2066G	5.2544G	36.382M	5.211759G	5.248141G	Inf	2
49.05M	5.2058G	5.25485G	36.382M	5.211759G	5.248141G	Inf	3
49.4M	5.20555G	5.25495G	36.382M	5.211759G	5.248141G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5755MHz

28/11/2019

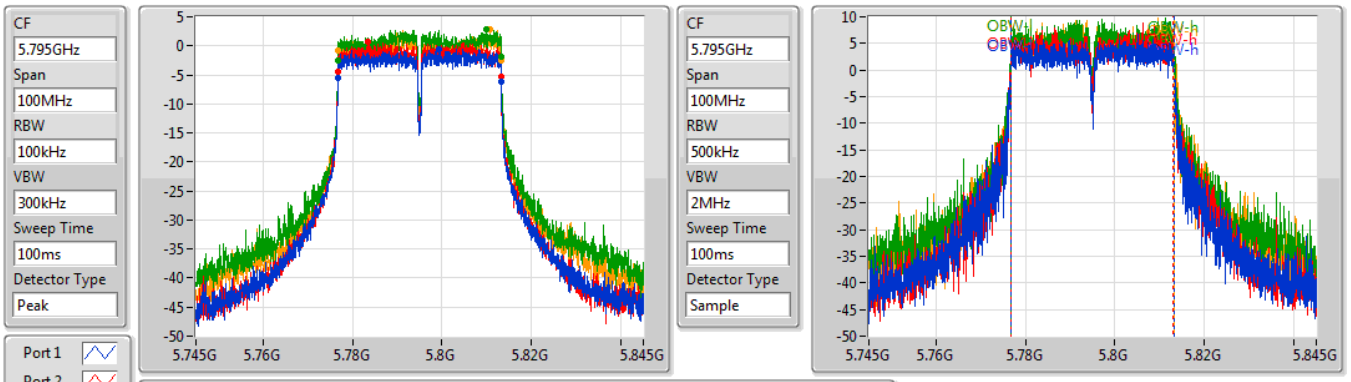


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.55M	5.7367G	5.77325G	36.432M	5.736709G	5.773141G	500k	1
36.5M	5.7367G	5.7732G	36.382M	5.736759G	5.773141G	500k	2
36.5M	5.73675G	5.77325G	36.482M	5.736759G	5.773241G	500k	3
36.5M	5.73675G	5.77325G	36.482M	5.736709G	5.773191G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5795MHz

28/11/2019

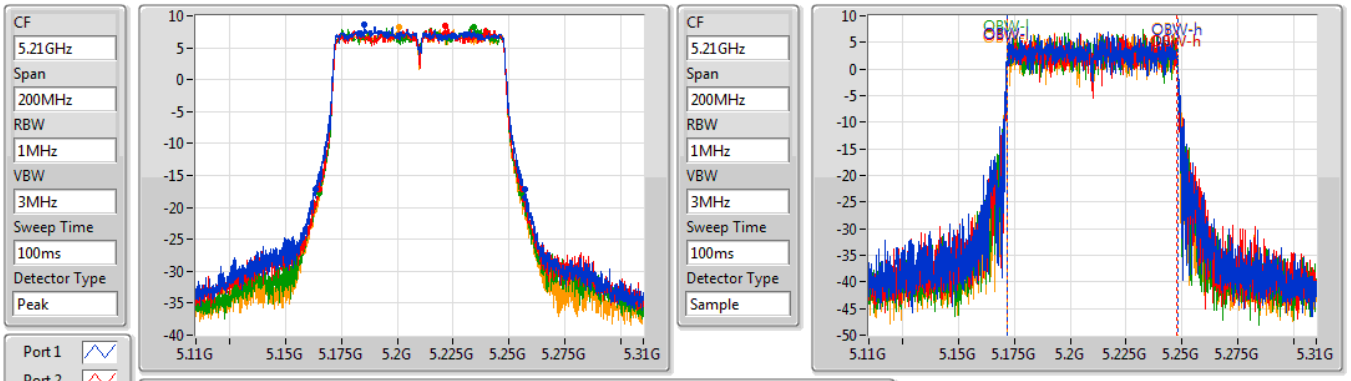


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.55M	5.7767G	5.81325G	36.432M	5.776759G	5.813191G	500k	1
36.5M	5.77675G	5.81325G	36.382M	5.776709G	5.813091G	500k	2
36.55M	5.7767G	5.81325G	36.482M	5.776759G	5.813241G	500k	3
36.45M	5.7768G	5.81325G	36.482M	5.776759G	5.813241G	500k	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5210MHz

28/11/2019

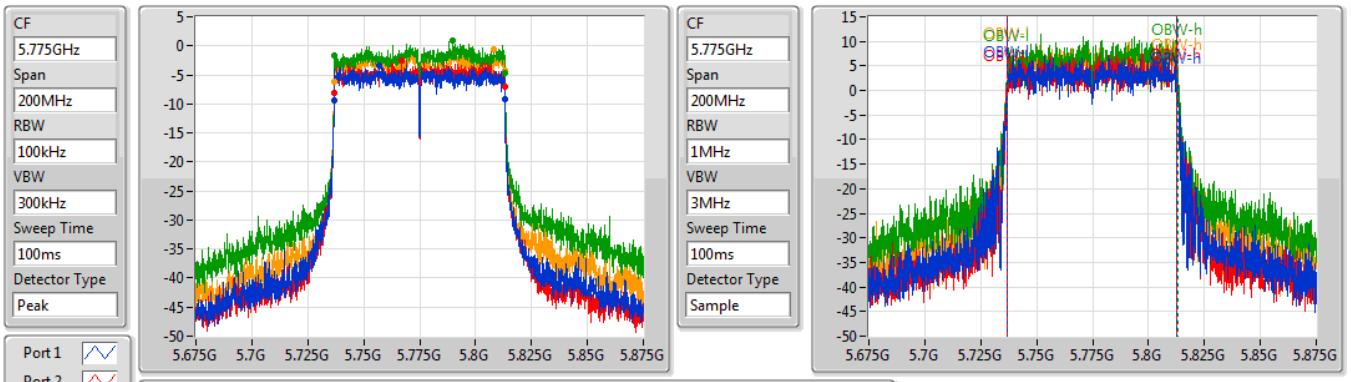


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
93.4M	5.1634G	5.2568G	76.162M	5.171819G	5.247981G	Inf	1
90.7M	5.165G	5.2557G	75.862M	5.172019G	5.247881G	Inf	2
90.5M	5.1649G	5.2554G	75.962M	5.171919G	5.247881G	Inf	3
90.1M	5.1652G	5.2553G	75.962M	5.172019G	5.247981G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5775MHz

28/11/2019

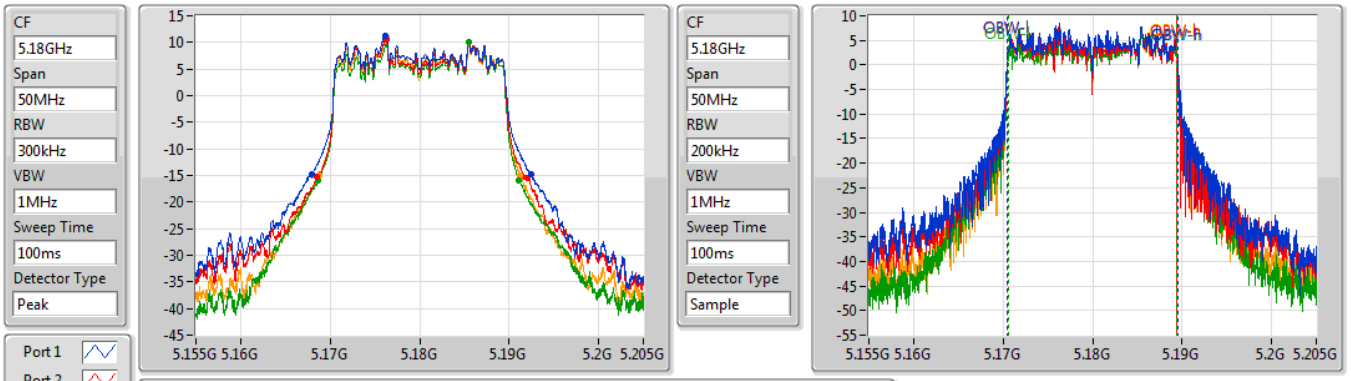


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.6M	5.7367G	5.8133G	75.962M	5.736919G	5.812881G	500k	1
76.5M	5.7367G	5.8132G	75.962M	5.736919G	5.812881G	500k	2
76.5M	5.7368G	5.8133G	75.962M	5.737019G	5.812981G	500k	3
76.5M	5.7367G	5.8132G	75.962M	5.737019G	5.812981G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5180MHz

28/11/2019

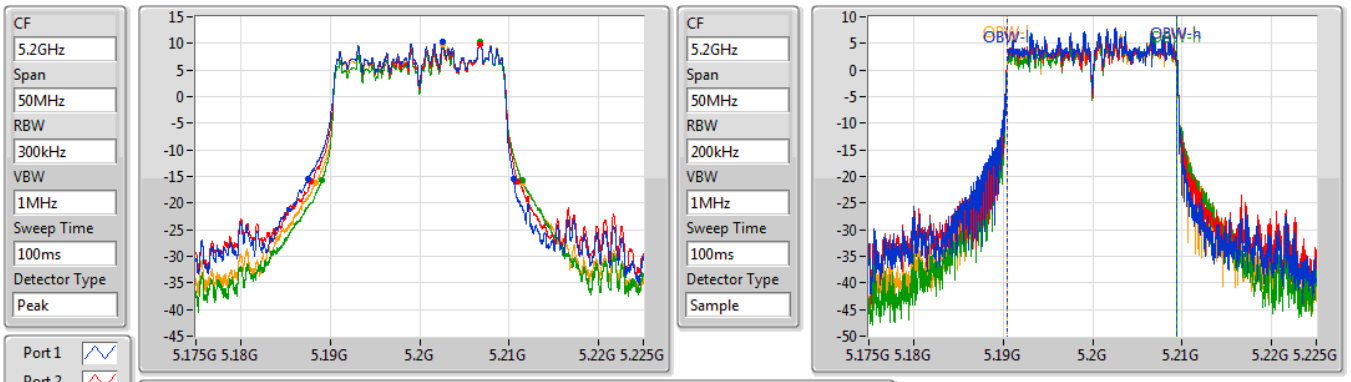


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.5M	5.167975G	5.192475G	19.015M	5.170505G	5.18952G	Inf	1
23.55M	5.1685G	5.19205G	18.941M	5.170505G	5.189445G	Inf	2
22.475M	5.16865G	5.191125G	18.916M	5.17053G	5.189445G	Inf	3
22.525M	5.168725G	5.19125G	18.941M	5.170505G	5.189445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5200MHz

28/11/2019

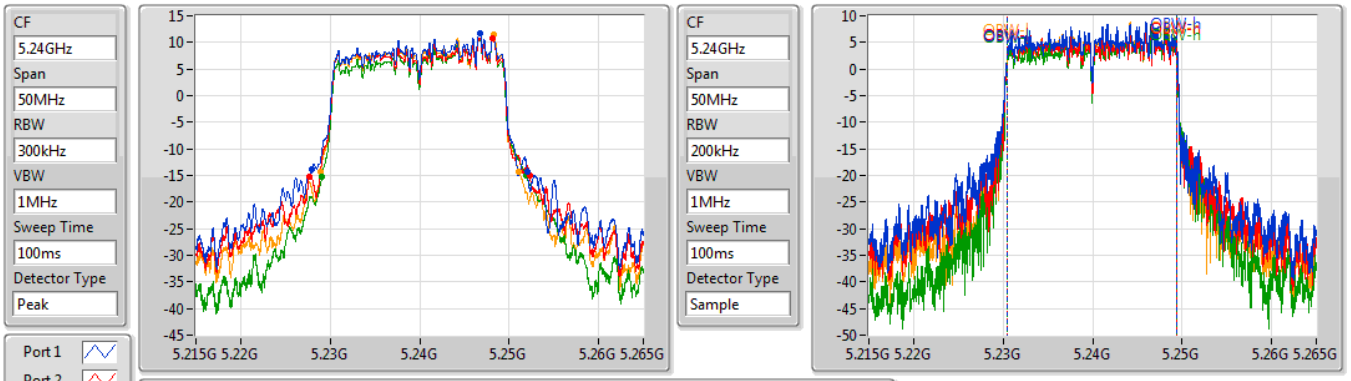


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.925M	5.187575G	5.2105G	18.991M	5.19043G	5.20942G	Inf	1
23.225M	5.18775G	5.210975G	19.015M	5.19043G	5.209445G	Inf	2
22.4M	5.18905G	5.21145G	18.941M	5.190505G	5.209445G	Inf	3
23.025M	5.1884G	5.211425G	18.966M	5.19048G	5.209445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5240MHz

28/11/2019

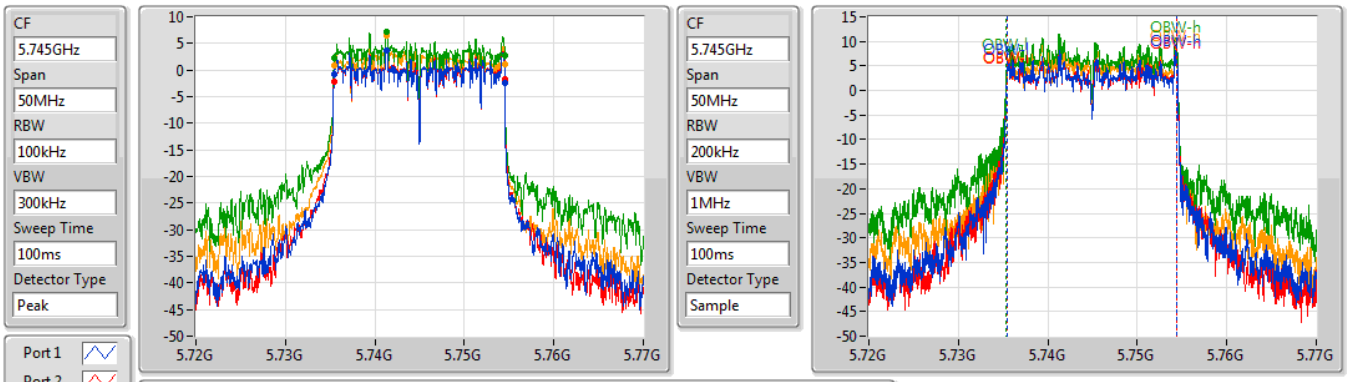


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.1M	5.22795G	5.25205G	19.04M	5.230405G	5.249445G	Inf	1
24.625M	5.22765G	5.252275G	19.04M	5.230405G	5.249445G	Inf	2
22.875M	5.229075G	5.25195G	18.991M	5.230455G	5.249445G	Inf	3
22.2M	5.228925G	5.251125G	19.015M	5.23043G	5.249445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5745MHz

29/11/2019

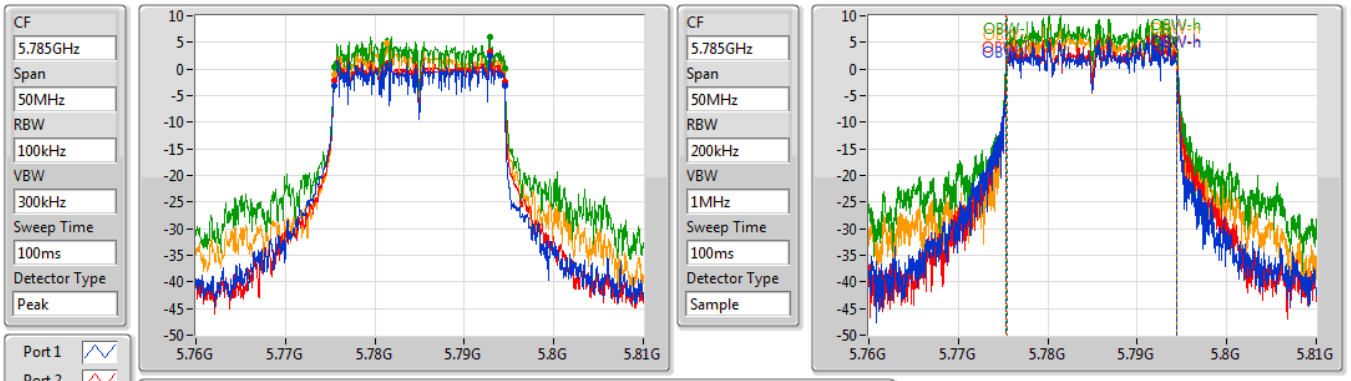


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.1M	5.735425G	5.754525G	19.04M	5.73543G	5.75447G	500k	1
19.125M	5.7354G	5.754525G	19.065M	5.735405G	5.75447G	500k	2
19.075M	5.735425G	5.7545G	19.09M	5.73538G	5.75447G	500k	3
19.05M	5.73545G	5.7545G	19.065M	5.735405G	5.75447G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5785MHz

29/11/2019

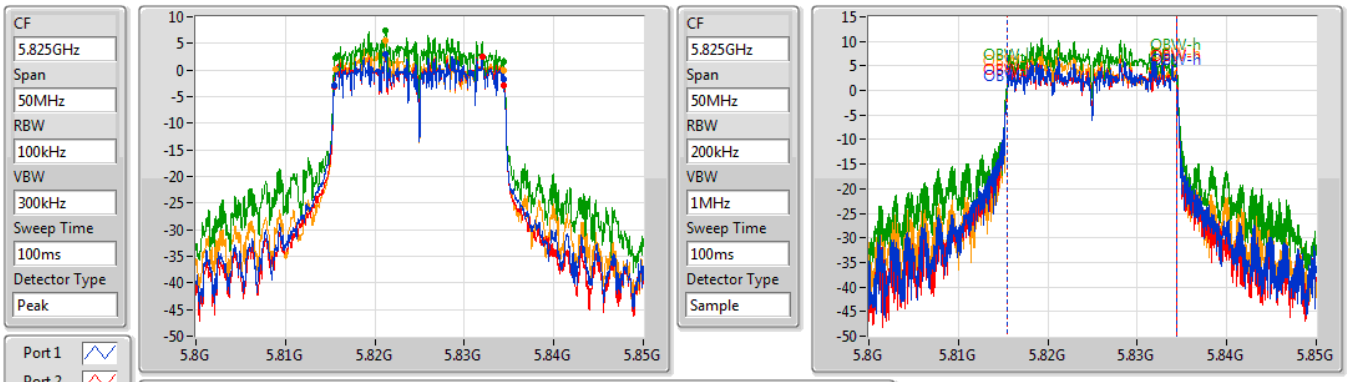


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.075M	5.77545G	5.794525G	19.115M	5.775305G	5.79442G	500k	1
19.075M	5.77545G	5.794525G	19.09M	5.77538G	5.79447G	500k	2
19.1M	5.775425G	5.794525G	19.04M	5.77543G	5.79447G	500k	3
19.05M	5.77545G	5.7945G	18.991M	5.775455G	5.794445G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5825MHz

29/11/2019

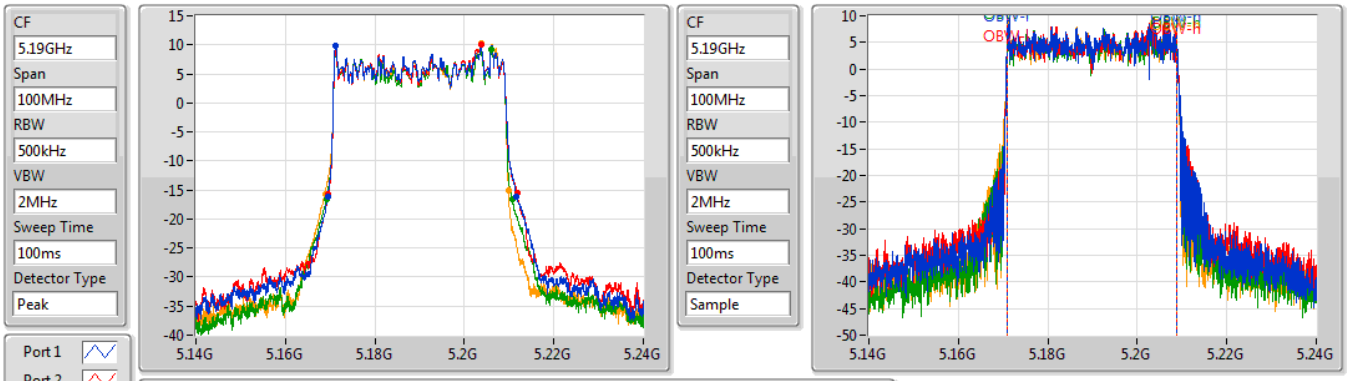


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.815525G	5.834425G	19.015M	5.815405G	5.83442G	500k	1
18.95M	5.8155G	5.83445G	18.966M	5.815455G	5.83442G	500k	2
18.85M	5.81555G	5.8344G	18.966M	5.815455G	5.83442G	500k	3
18.85M	5.81555G	5.8344G	18.916M	5.815505G	5.83442G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5190MHz

29/11/2019

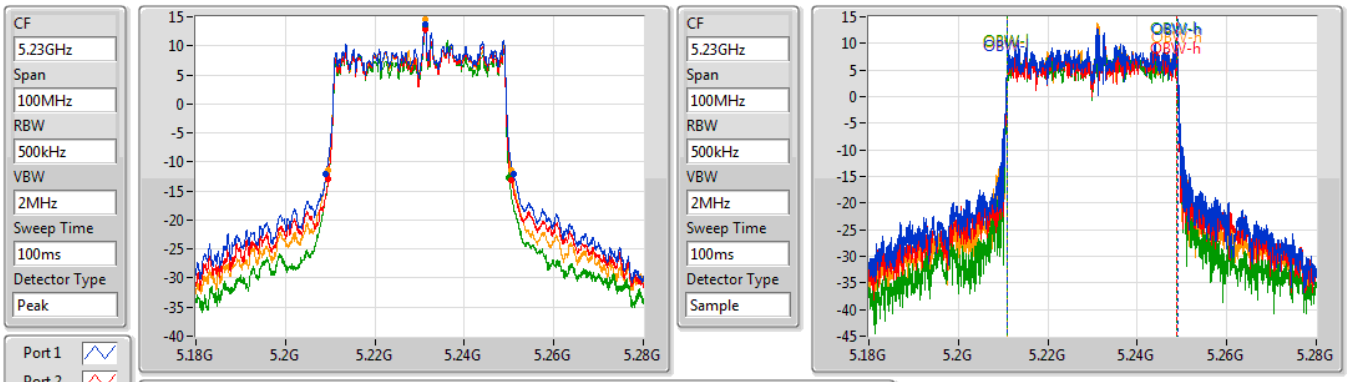


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.25M	5.1694G	5.21165G	37.981M	5.17091G	5.208891G	Inf	1
42.25M	5.16955G	5.2118G	37.931M	5.171009G	5.208941G	Inf	2
41.5M	5.16915G	5.21065G	37.931M	5.17096G	5.208891G	Inf	3
41M	5.16885G	5.20985G	37.931M	5.17096G	5.208891G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5230MHz

29/11/2019

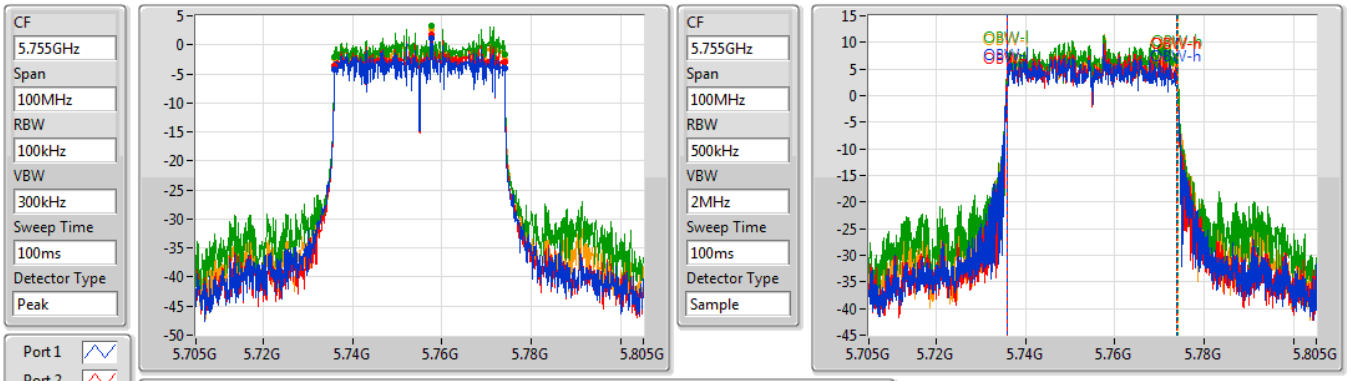


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.85M	5.2091G	5.25095G	38.031M	5.21096G	5.248991G	Inf	1
40.95M	5.2096G	5.25055G	37.931M	5.211009G	5.248941G	Inf	2
40.4M	5.20965G	5.25005G	37.881M	5.211009G	5.248891G	Inf	3
40.95M	5.2094G	5.25035G	38.031M	5.21096G	5.248991G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5755MHz

29/11/2019

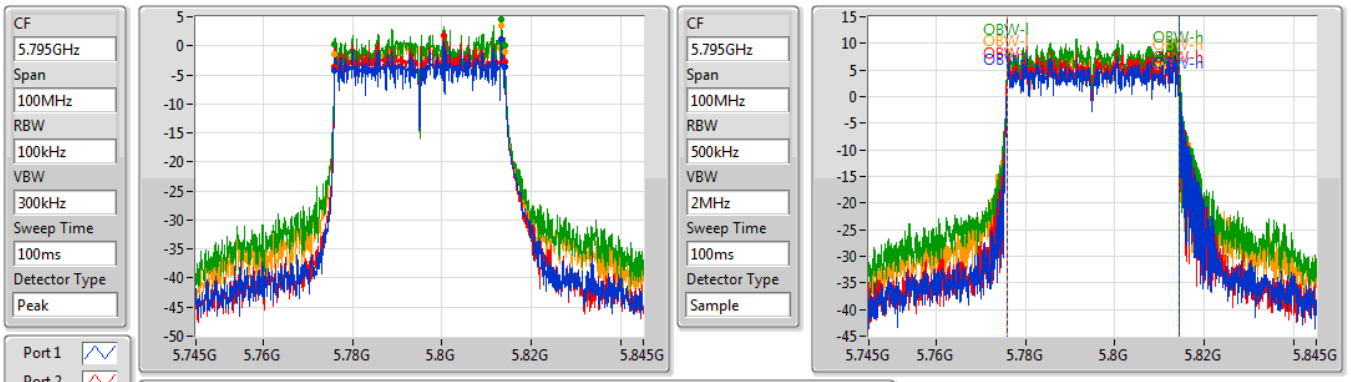


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.1M	5.7359G	5.774G	38.031M	5.73591G	5.773941G	500k	1
38.1M	5.7359G	5.774G	37.981M	5.73596G	5.773941G	500k	2
38.15M	5.7359G	5.77405G	38.081M	5.73591G	5.773991G	500k	3
38.15M	5.7359G	5.77405G	38.031M	5.73596G	5.773991G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5795MHz

29/11/2019

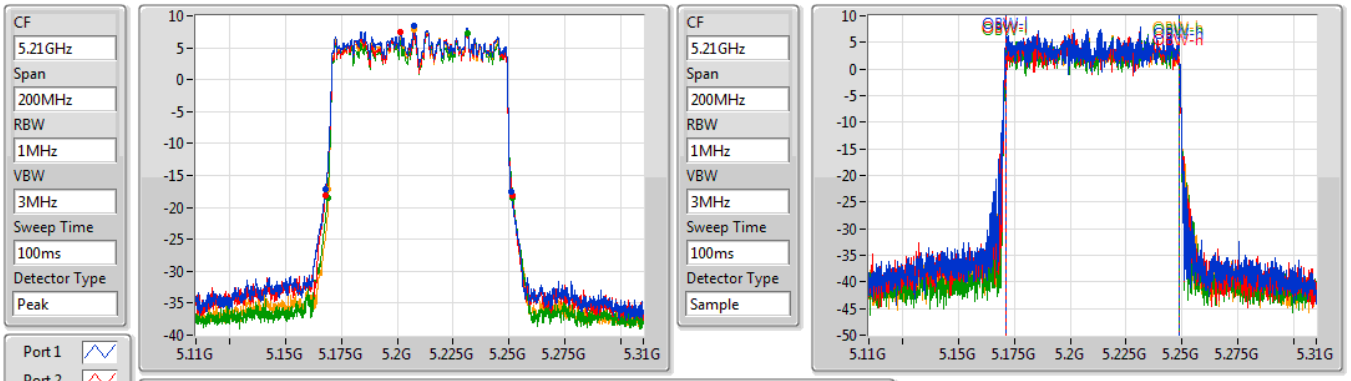


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.15M	5.77595G	5.8141G	38.431M	5.77596G	5.81439G	500k	1
38.15M	5.77595G	5.8141G	38.431M	5.77596G	5.81439G	500k	2
38.1M	5.776G	5.8141G	38.431M	5.77596G	5.81439G	500k	3
38.15M	5.77595G	5.8141G	38.431M	5.77596G	5.81439G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5210MHz

29/11/2019

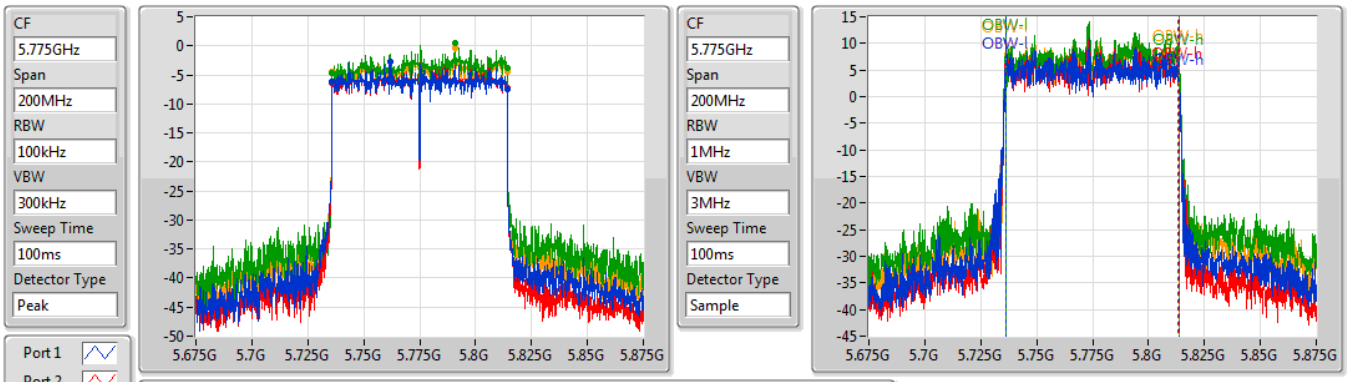


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.7M	5.168G	5.2507G	77.561M	5.171019G	5.248581G	Inf	1
83.5M	5.1679G	5.2514G	77.461M	5.171119G	5.248581G	Inf	2
82.8M	5.1689G	5.2517G	77.461M	5.171119G	5.248581G	Inf	3
82.2M	5.1693G	5.2515G	77.461M	5.171119G	5.248581G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5775MHz

29/11/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
78.1M	5.7359G	5.814G	77.461M	5.736019G	5.813481G	500k	1
78.1M	5.7359G	5.814G	77.261M	5.736119G	5.813381G	500k	2
78.1M	5.7359G	5.814G	77.461M	5.736119G	5.813581G	500k	3
78.1M	5.7359G	5.814G	77.561M	5.736019G	5.813581G	500k	4

For beamforming mode:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	42.96M	23.868M	23M9D1D	23.55M	17.931M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	81.06M	38.621M	38M6D1D	44.22M	36.942M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	92.88M	76.882M	76M9D1D	89.76M	76.282M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	36.36M	19.49M	19M5D1D	24.81M	19.07M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	72M	38.561M	38M6D1D	42.78M	38.021M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	86.28M	77.721M	77M7D1D	82.08M	77.601M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	17.61M	40.36M	40M4D1D	17.55M	18.081M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	36.36M	43.658M	43M7D1D	35.04M	36.942M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	75.72M	77.361M	77M4D1D	62.64M	76.162M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.08M	19.4M	19M4D1D	18.84M	19.04M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	38.16M	41.319M	41M3D1D	37.38M	38.021M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	78.12M	77.601M	77M6D1D	63.48M	77.361M

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

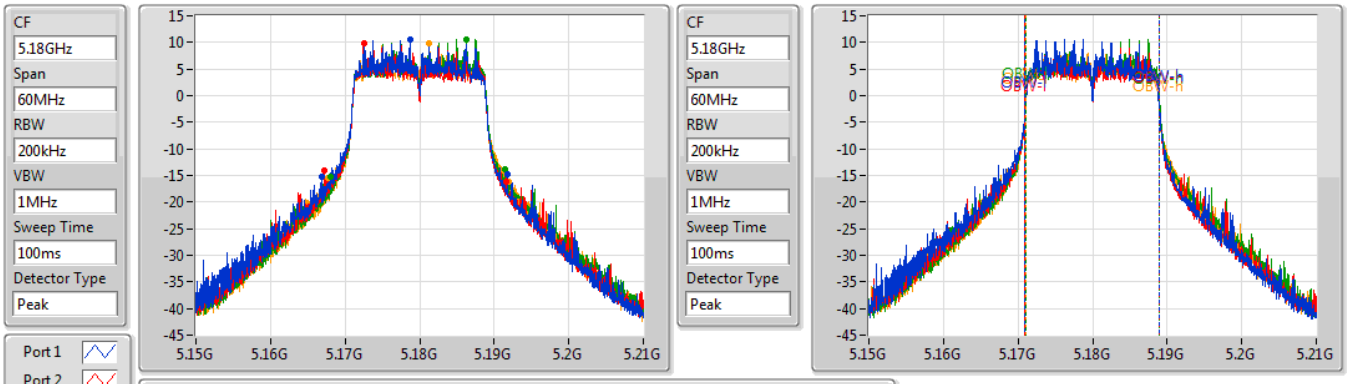
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	24.81M	17.931M	24.39M	17.991M	23.55M	17.931M	24.24M	17.961M
5200MHz	Pass	Inf	42.96M	23.868M	39.81M	21.259M	34.32M	19.1M	32.79M	18.951M
5240MHz	Pass	Inf	32.25M	18.441M	34.71M	18.981M	31.5M	18.561M	35.04M	18.531M
5745MHz	Pass	500k	17.58M	18.321M	17.58M	18.201M	17.58M	18.801M	17.58M	18.081M
5785MHz	Pass	500k	17.61M	18.321M	17.61M	18.231M	17.58M	39.4M	17.58M	18.351M
5825MHz	Pass	500k	17.61M	18.381M	17.61M	18.231M	17.55M	40.36M	17.55M	18.591M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	46.5M	37.601M	46.08M	36.942M	45.42M	37.061M	44.22M	36.942M
5230MHz	Pass	Inf	81.06M	38.621M	68.82M	38.021M	63.54M	37.481M	49.56M	37.181M
5755MHz	Pass	500k	36.36M	37.181M	36.36M	36.942M	36.36M	39.94M	36.36M	37.181M
5795MHz	Pass	500k	35.04M	37.121M	36.36M	36.942M	36.3M	43.658M	36.36M	37.301M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	92.88M	76.882M	92.28M	76.282M	90.6M	76.282M	89.76M	76.282M
5775MHz	Pass	500k	73.44M	77.361M	75.12M	76.162M	62.64M	76.282M	75.72M	76.282M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	28.83M	19.13M	28.14M	19.28M	25.65M	19.13M	25.44M	19.07M
5200MHz	Pass	Inf	29.55M	19.16M	28.44M	19.28M	24.84M	19.16M	24.81M	19.13M
5240MHz	Pass	Inf	32.04M	19.19M	36.36M	19.49M	28.41M	19.25M	27.93M	19.22M
5745MHz	Pass	500k	18.93M	19.1M	19.08M	19.16M	18.93M	19.25M	18.9M	19.13M
5785MHz	Pass	500k	19.02M	19.13M	18.99M	19.16M	18.84M	19.4M	18.9M	19.1M
5825MHz	Pass	500k	19.05M	19.1M	19.05M	19.04M	19.02M	19.25M	19.02M	19.07M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	45.06M	38.081M	42.78M	38.141M	44.46M	38.021M	43.74M	38.081M
5230MHz	Pass	Inf	72M	38.561M	69.84M	38.441M	66.24M	38.321M	50.88M	38.141M
5755MHz	Pass	500k	37.8M	38.021M	38.04M	38.141M	37.38M	38.321M	37.92M	38.081M
5795MHz	Pass	500k	37.92M	38.081M	37.62M	38.081M	38.16M	41.319M	38.1M	38.201M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.08M	77.601M	86.04M	77.721M	85.68M	77.721M	86.28M	77.601M
5775MHz	Pass	500k	78M	77.361M	77.88M	77.601M	78.12M	77.601M	63.48M	77.481M

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

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5180MHz

27/02/2020

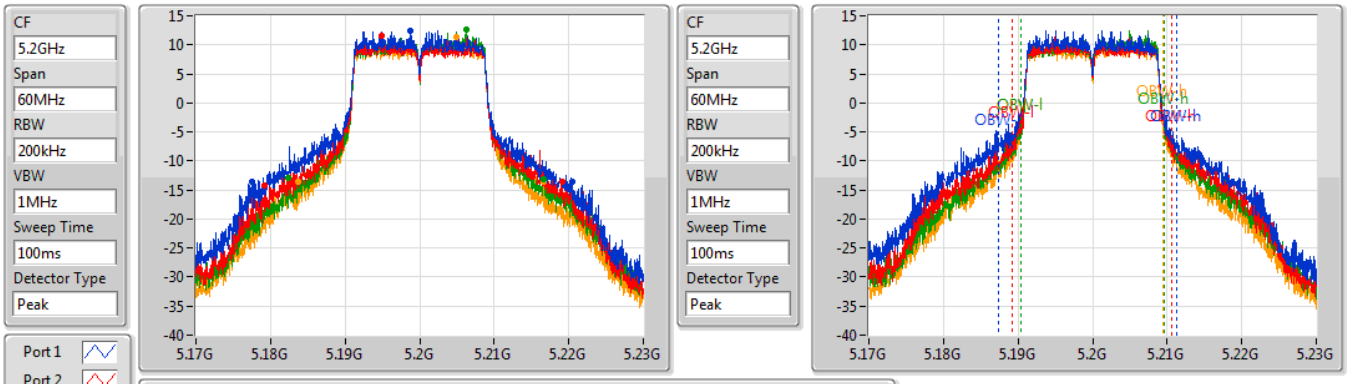


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.81M	5.16692G	5.19173G	17.931M	5.170945G	5.188876G	Inf	1
24.39M	5.16728G	5.19167G	17.991M	5.170945G	5.188936G	Inf	2
23.55M	5.16797G	5.19152G	17.931M	5.171064G	5.188996G	Inf	3
24.24M	5.16773G	5.19197G	17.961M	5.171034G	5.188996G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5200MHz

27/02/2020

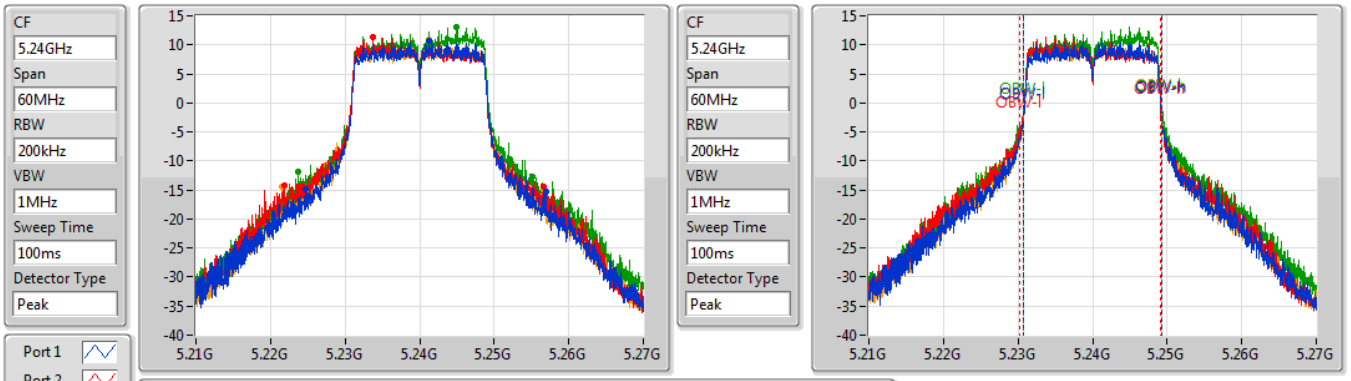


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.96M	5.17744G	5.2204G	23.868M	5.187436G	5.211304G	Inf	1
39.81M	5.17927G	5.21908G	21.259M	5.189295G	5.210555G	Inf	2
34.32M	5.18239G	5.21671G	19.1M	5.190435G	5.209535G	Inf	3
32.79M	5.18377G	5.21656G	18.951M	5.190465G	5.209415G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5240MHz

27/02/2020

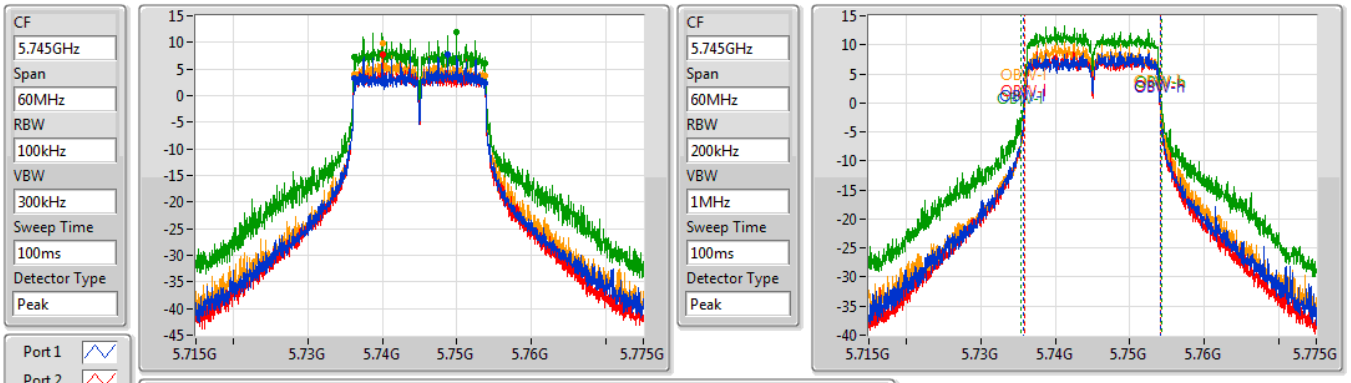


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.25M	5.22464G	5.25689G	18.441M	5.230765G	5.249205G	Inf	1
34.71M	5.22185G	5.25656G	18.981M	5.230195G	5.249175G	Inf	2
31.5M	5.22368G	5.25518G	18.561M	5.230795G	5.249355G	Inf	3
35.04M	5.22155G	5.25659G	18.531M	5.230705G	5.249235G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5745MHz

27/02/2020

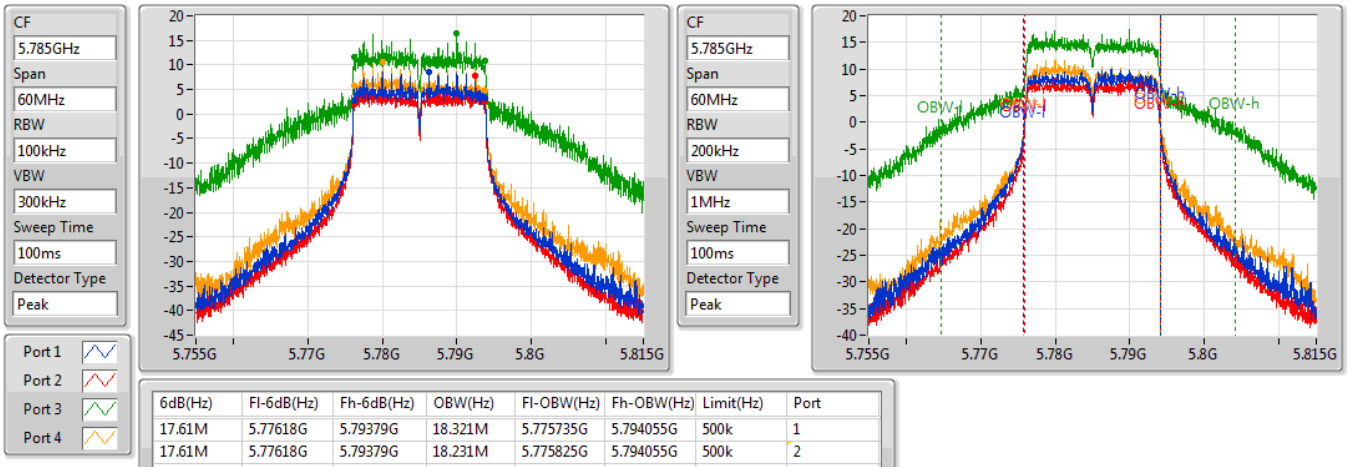


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.58M	5.73621G	5.75379G	18.321M	5.735795G	5.754115G	500k	1
17.58M	5.73621G	5.75379G	18.201M	5.735855G	5.754055G	500k	2
17.58M	5.73621G	5.75379G	18.801M	5.735465G	5.754265G	500k	3
17.58M	5.73621G	5.75379G	18.081M	5.735975G	5.754055G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5785MHz

27/02/2020

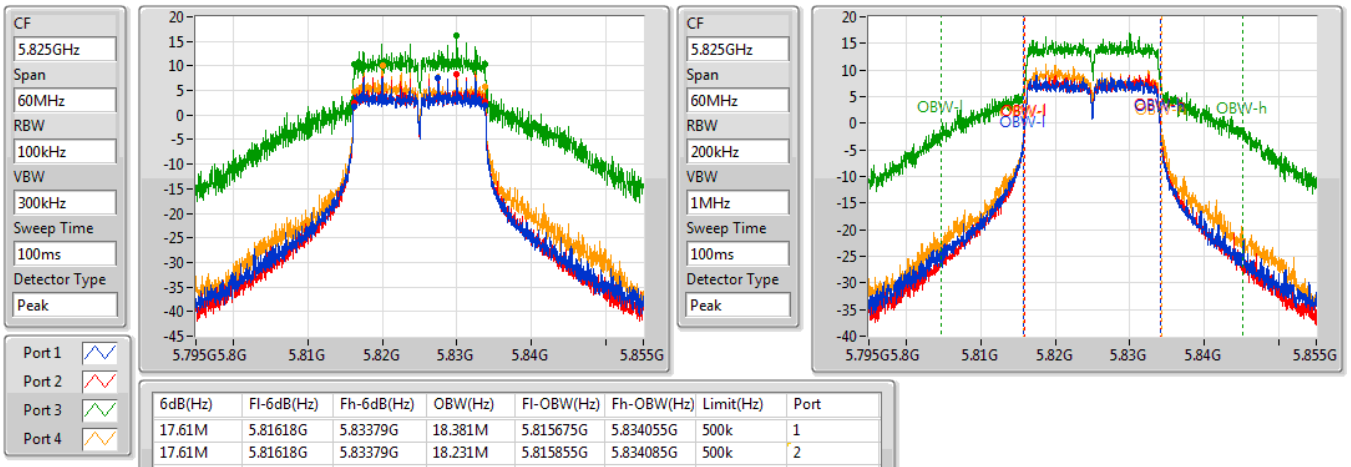


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.61M	5.77618G	5.79379G	18.321M	5.775735G	5.794055G	500k	1
17.61M	5.77618G	5.79379G	18.231M	5.775825G	5.794055G	500k	2
17.58M	5.77621G	5.79379G	39.4M	5.76476G	5.80416G	500k	3
17.58M	5.77621G	5.79379G	18.351M	5.775795G	5.794145G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5825MHz

27/02/2020

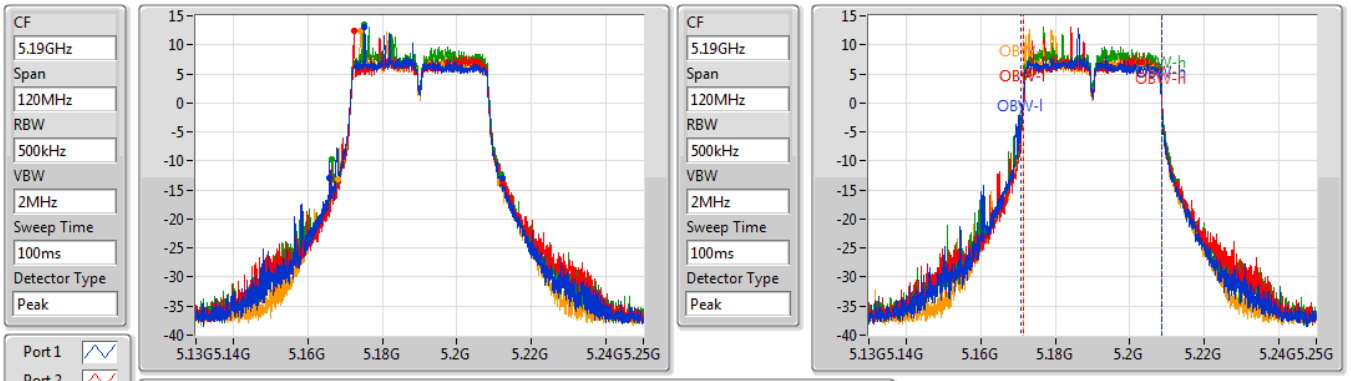


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.61M	5.81618G	5.83379G	18.381M	5.815675G	5.834055G	500k	1
17.61M	5.81618G	5.83379G	18.231M	5.815855G	5.834085G	500k	2
17.55M	5.81621G	5.83376G	40.36M	5.80473G	5.84509G	500k	3
17.55M	5.81621G	5.83376G	18.591M	5.815765G	5.834355G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5190MHz

27/02/2020

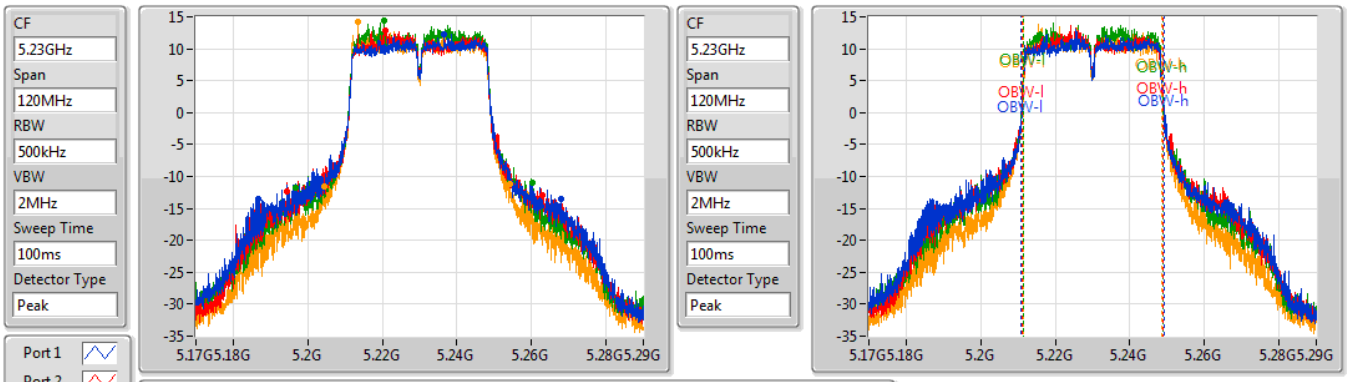


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
46.5M	5.1657G	5.2122G	37.601M	5.17087G	5.208471G	Inf	1
46.08M	5.16624G	5.21232G	36.942M	5.171589G	5.208531G	Inf	2
45.42M	5.1666G	5.21202G	37.061M	5.171409G	5.208471G	Inf	3
44.22M	5.16816G	5.21238G	36.942M	5.171469G	5.208411G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5230MHz

27/02/2020

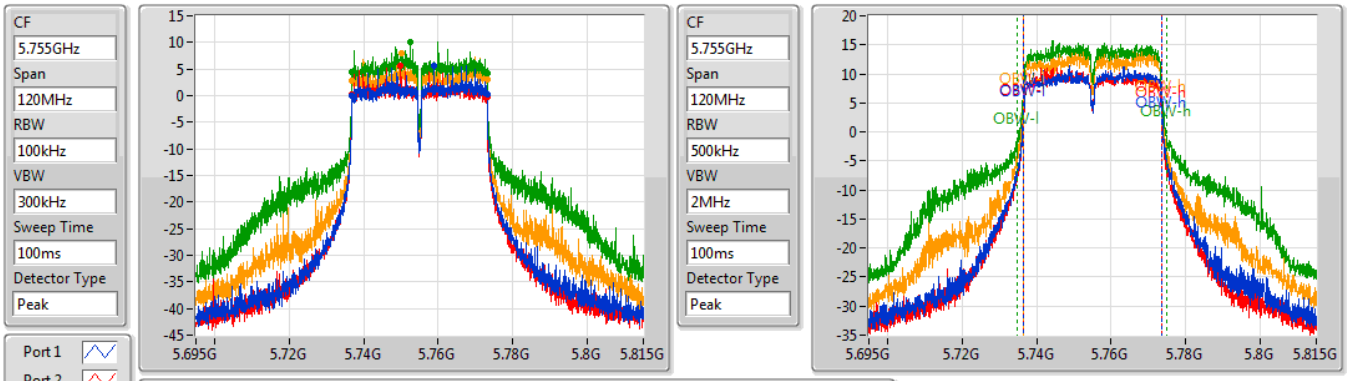


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.06M	5.18686G	5.26792G	38.621M	5.21063G	5.24925G	Inf	1
68.82M	5.19424G	5.26306G	38.021M	5.21099G	5.24901G	Inf	2
63.54M	5.19664G	5.26018G	37.481M	5.211289G	5.248771G	Inf	3
49.56M	5.20456G	5.25412G	37.181M	5.211409G	5.248591G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5755MHz

27/02/2020

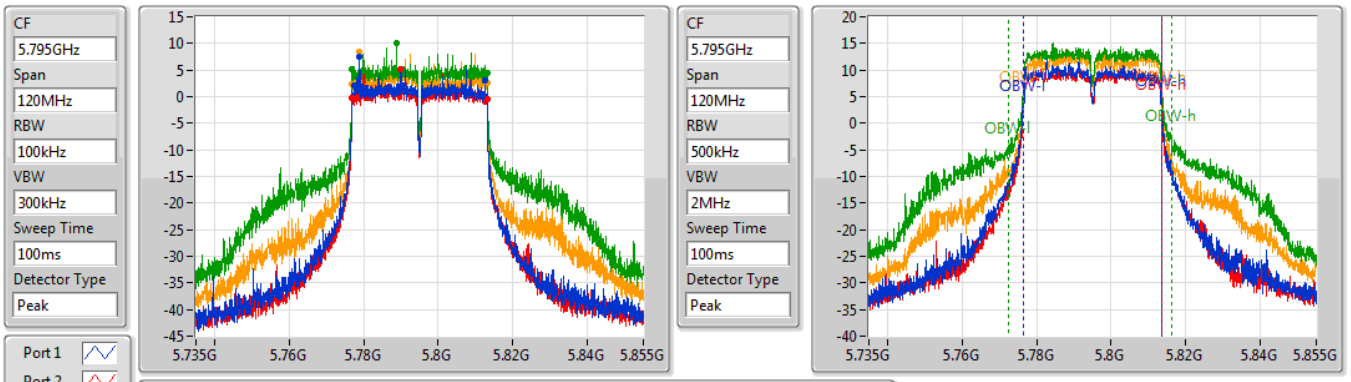


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.36M	5.73682G	5.77318G	37.181M	5.736529G	5.773711G	500k	1
36.36M	5.73682G	5.77318G	36.942M	5.736529G	5.773471G	500k	2
36.36M	5.73682G	5.77318G	39.94M	5.73485G	5.77479G	500k	3
36.36M	5.73682G	5.77318G	37.181M	5.736469G	5.773651G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5795MHz

27/02/2020

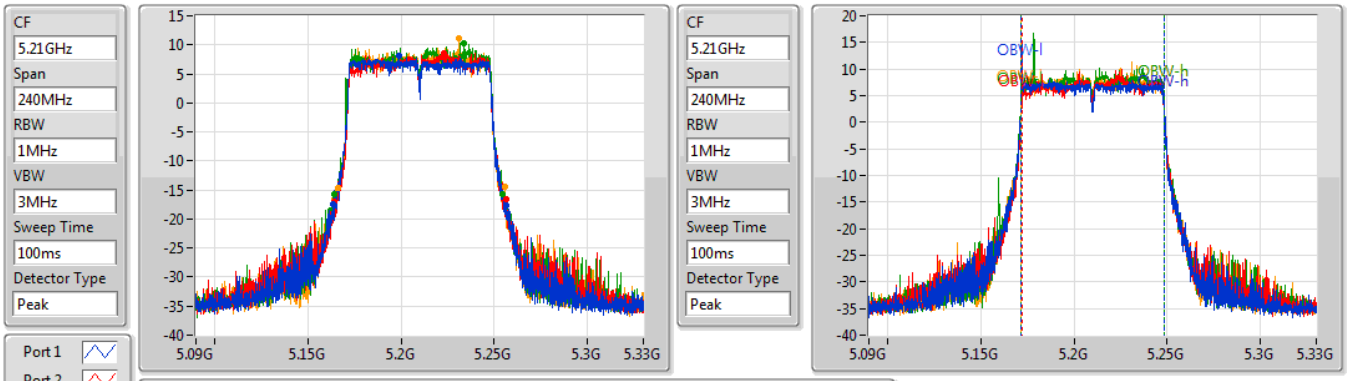


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.04M	5.77748G	5.81252G	37.121M	5.776349G	5.813471G	500k	1
36.36M	5.77682G	5.81318G	36.942M	5.776529G	5.813471G	500k	2
36.3M	5.77682G	5.81312G	43.658M	5.772511G	5.816169G	500k	3
36.36M	5.77682G	5.81318G	37.301M	5.776349G	5.813651G	500k	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5210MHz

27/02/2020

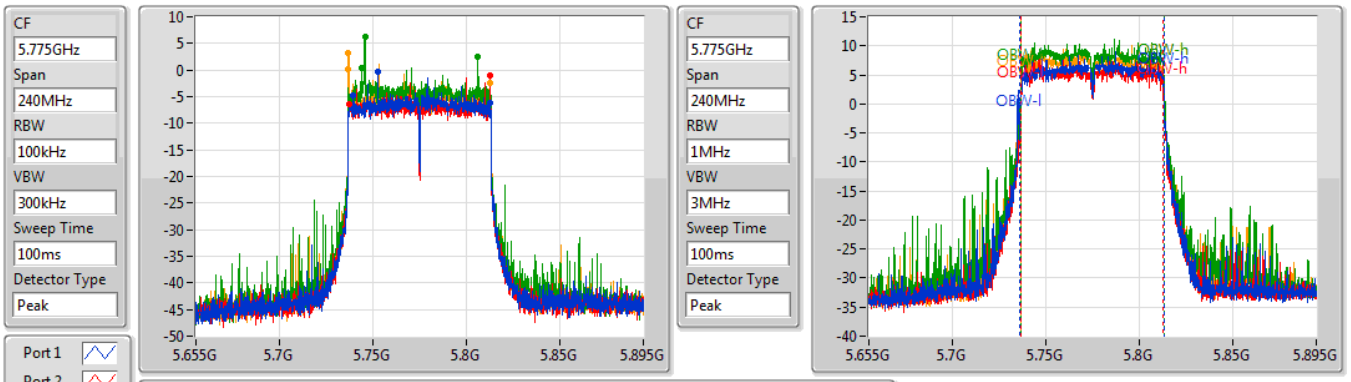


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
92.88M	5.1638G	5.25668G	76.882M	5.171379G	5.248261G	Inf	1
92.28M	5.16404G	5.25632G	76.282M	5.171979G	5.248261G	Inf	2
90.6M	5.16416G	5.25476G	76.282M	5.171859G	5.248141G	Inf	3
89.76M	5.1662G	5.25596G	76.282M	5.171859G	5.248141G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5775MHz

27/02/2020

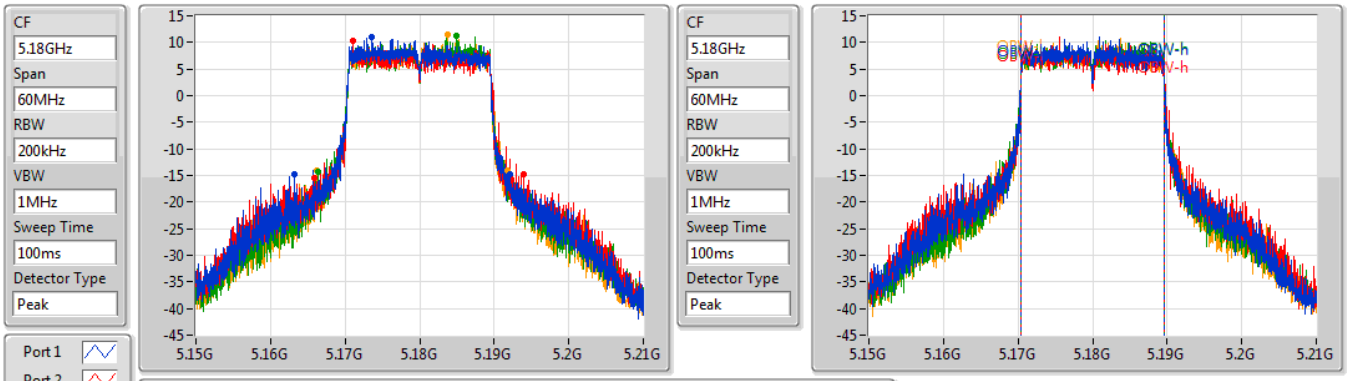


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
73.44M	5.73936G	5.8128G	77.361M	5.73578G	5.813141G	500k	1
75.12M	5.73744G	5.81256G	76.162M	5.736859G	5.813021G	500k	2
62.64M	5.74368G	5.80632G	76.282M	5.736859G	5.813141G	500k	3
75.72M	5.73672G	5.81244G	76.282M	5.736859G	5.813141G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5180MHz

27/02/2020

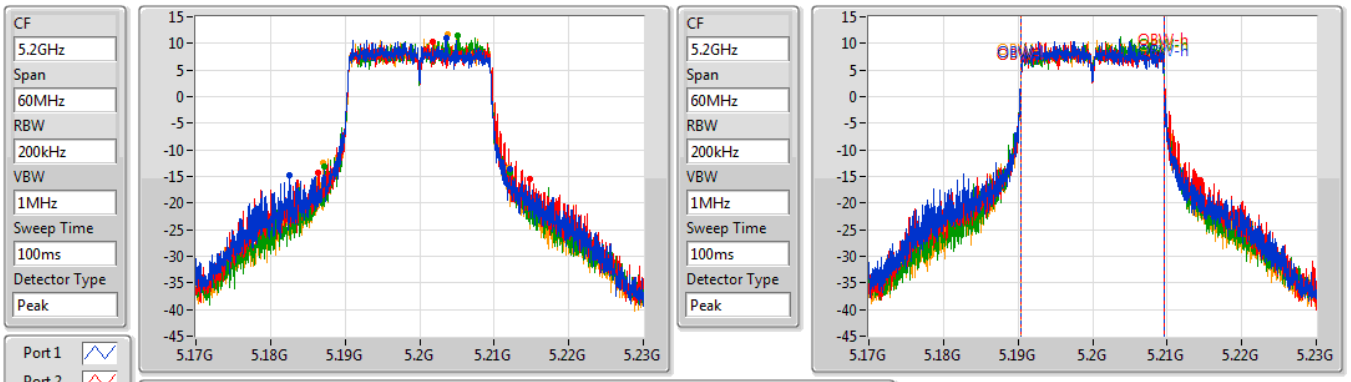


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.83M	5.16326G	5.19209G	19.13M	5.170405G	5.189535G	Inf	1
28.14M	5.16581G	5.19395G	19.28M	5.170345G	5.189625G	Inf	2
25.65M	5.16641G	5.19206G	19.13M	5.170435G	5.189565G	Inf	3
25.44M	5.16629G	5.19173G	19.07M	5.170465G	5.189535G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5200MHz

27/02/2020

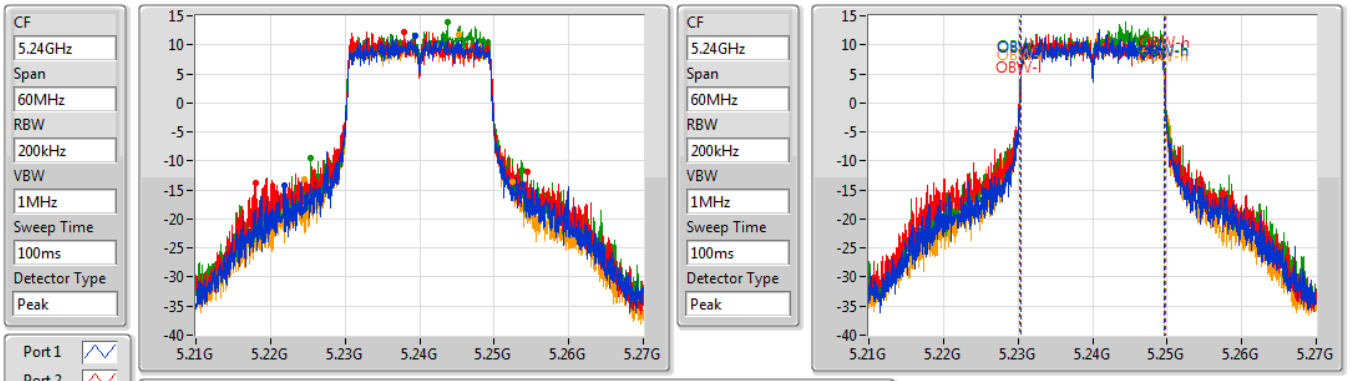


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.55M	5.18257G	5.21212G	19.16M	5.190375G	5.209535G	Inf	1
28.44M	5.18632G	5.21476G	19.28M	5.190375G	5.209655G	Inf	2
24.84M	5.18722G	5.21206G	19.16M	5.190435G	5.209595G	Inf	3
24.81M	5.1871G	5.21191G	19.13M	5.190435G	5.209565G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5240MHz

27/02/2020

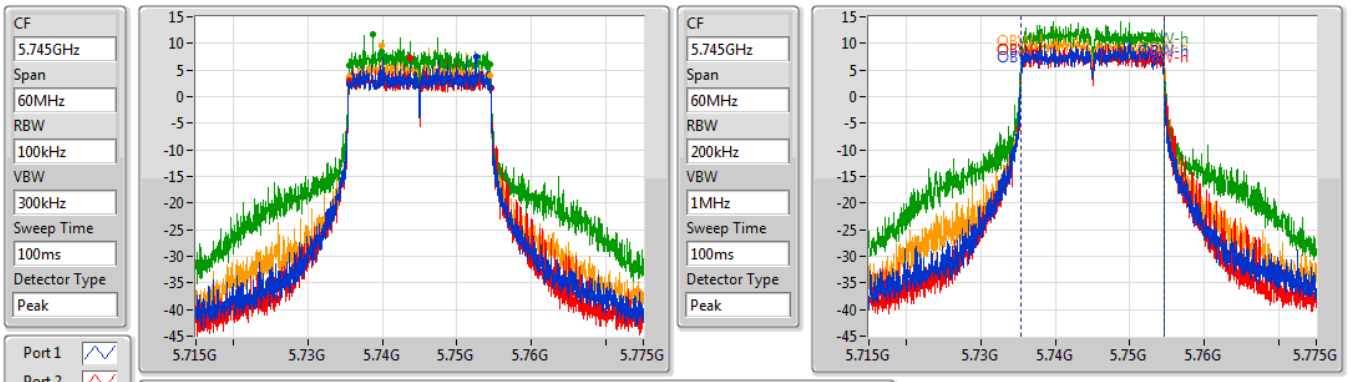


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.04M	5.22179G	5.25383G	19.19M	5.230435G	5.249625G	Inf	1
36.36M	5.21807G	5.25443G	19.49M	5.230225G	5.249715G	Inf	2
28.41M	5.22542G	5.25383G	19.25M	5.230405G	5.249655G	Inf	3
27.93M	5.22452G	5.25245G	19.22M	5.230375G	5.249595G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5745MHz

27/02/2020

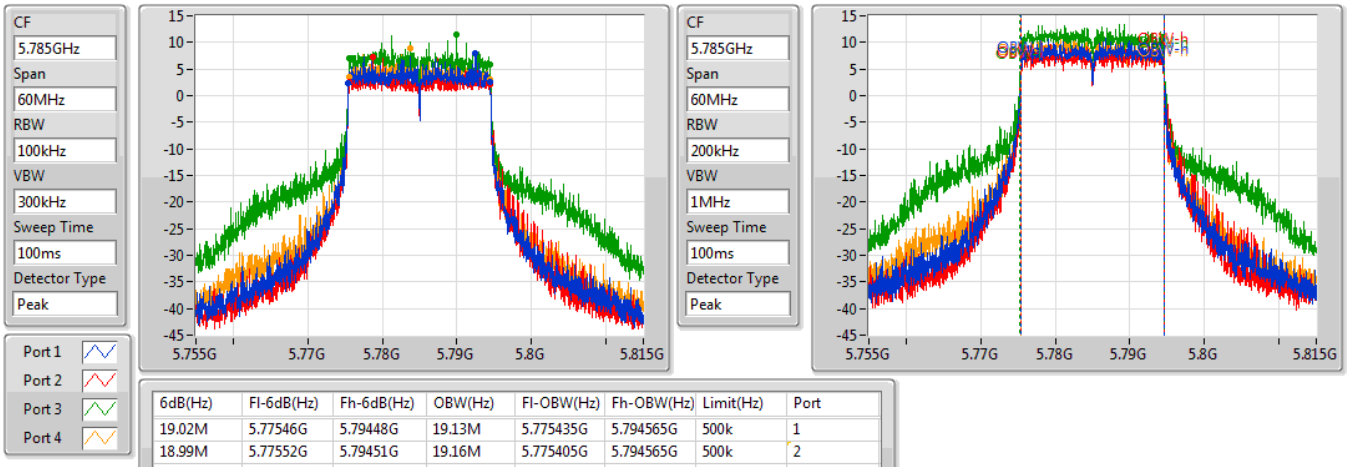


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.93M	5.73555G	5.75448G	19.1M	5.735435G	5.754535G	500k	1
19.08M	5.73552G	5.7546G	19.16M	5.735435G	5.754595G	500k	2
18.93M	5.73552G	5.75445G	19.25M	5.735345G	5.754595G	500k	3
18.9M	5.73555G	5.75445G	19.13M	5.735435G	5.754565G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5785MHz

27/02/2020

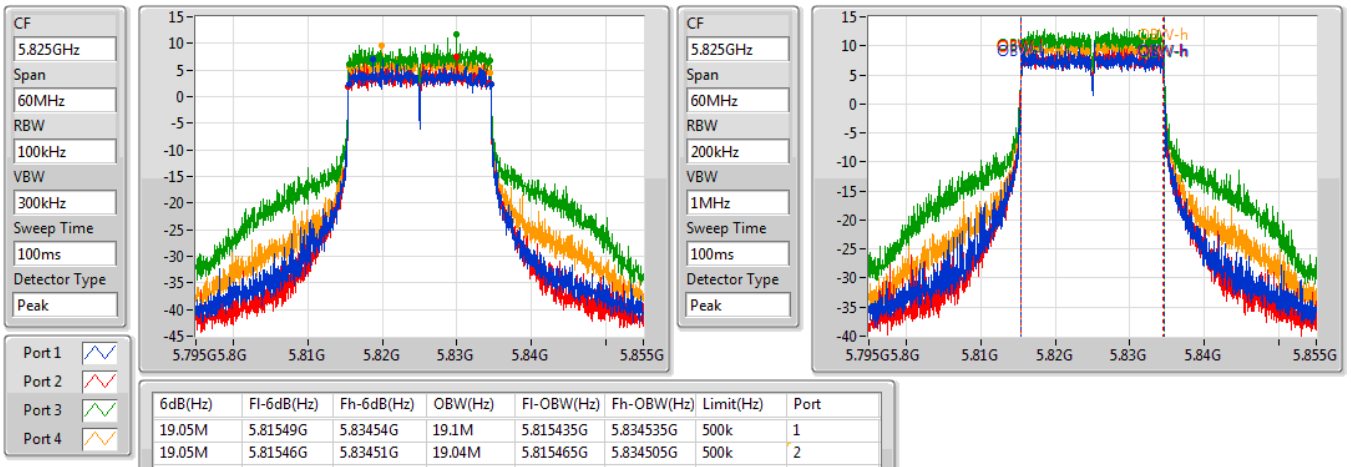


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.02M	5.77546G	5.79448G	19.13M	5.775435G	5.794565G	500k	1
18.99M	5.77552G	5.79451G	19.16M	5.775405G	5.794565G	500k	2
18.84M	5.77561G	5.79445G	19.4M	5.775225G	5.794625G	500k	3
18.9M	5.77552G	5.79442G	19.1M	5.775435G	5.794535G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5825MHz

27/02/2020

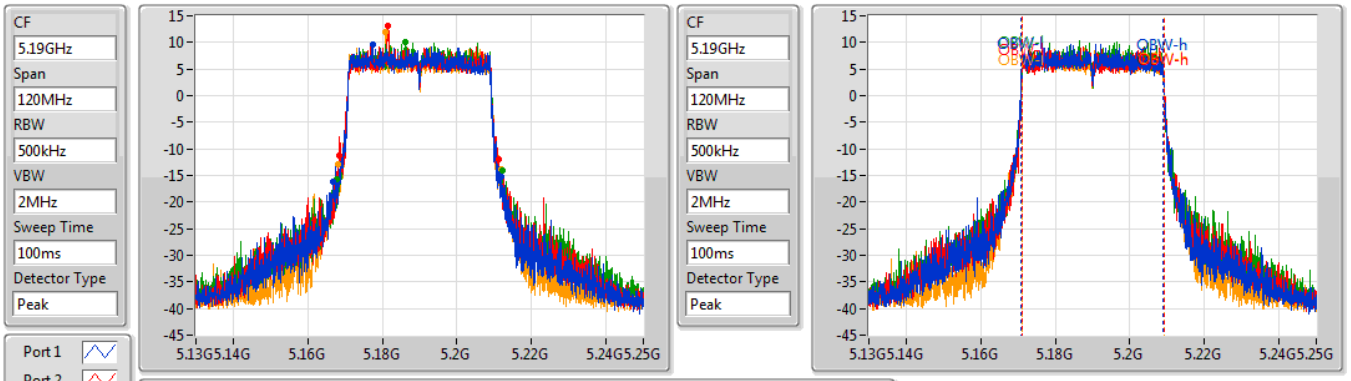


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	5.81549G	5.83454G	19.1M	5.815435G	5.834535G	500k	1
19.05M	5.81546G	5.83451G	19.04M	5.815465G	5.834505G	500k	2
19.02M	5.81549G	5.83451G	19.25M	5.815375G	5.834625G	500k	3
19.02M	5.81549G	5.83451G	19.07M	5.815465G	5.834535G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5190MHz

03/03/2020

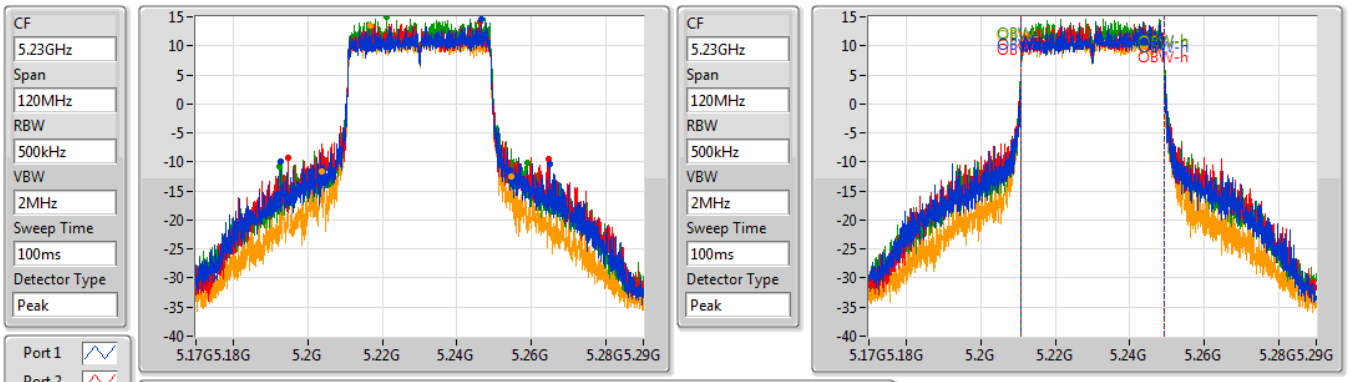


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.06M	5.16672G	5.21178G	38.081M	5.17093G	5.20901G	Inf	1
42.78M	5.16828G	5.21106G	38.141M	5.17099G	5.20913G	Inf	2
44.46M	5.16768G	5.21214G	38.021M	5.17099G	5.20901G	Inf	3
43.74M	5.16822G	5.21196G	38.081M	5.17099G	5.20907G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5230MHz

27/02/2020

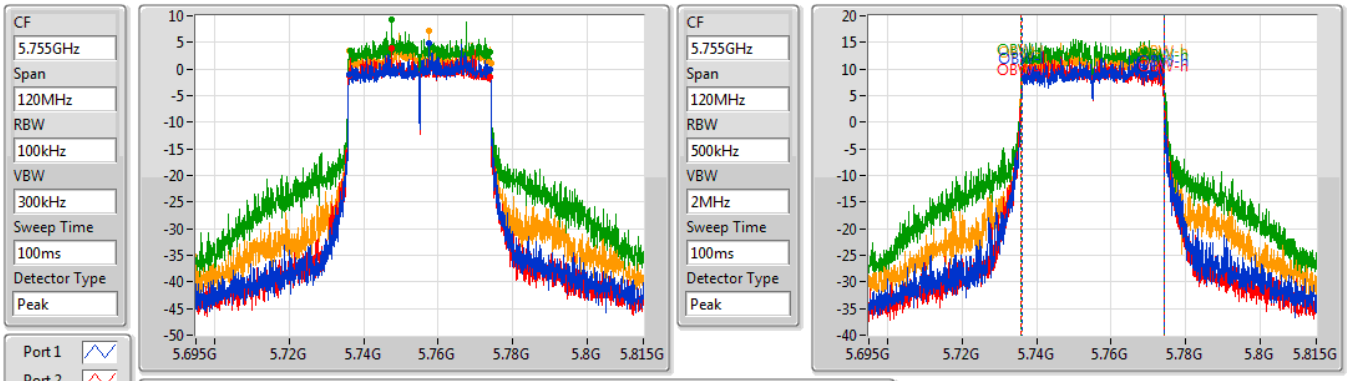


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
72M	5.1928G	5.2648G	38.561M	5.21075G	5.24931G	Inf	1
69.84M	5.19472G	5.26456G	38.441M	5.21081G	5.24925G	Inf	2
66.24M	5.19256G	5.2588G	38.321M	5.21087G	5.24919G	Inf	3
50.88M	5.20378G	5.25466G	38.141M	5.21093G	5.24907G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5755MHz

27/02/2020

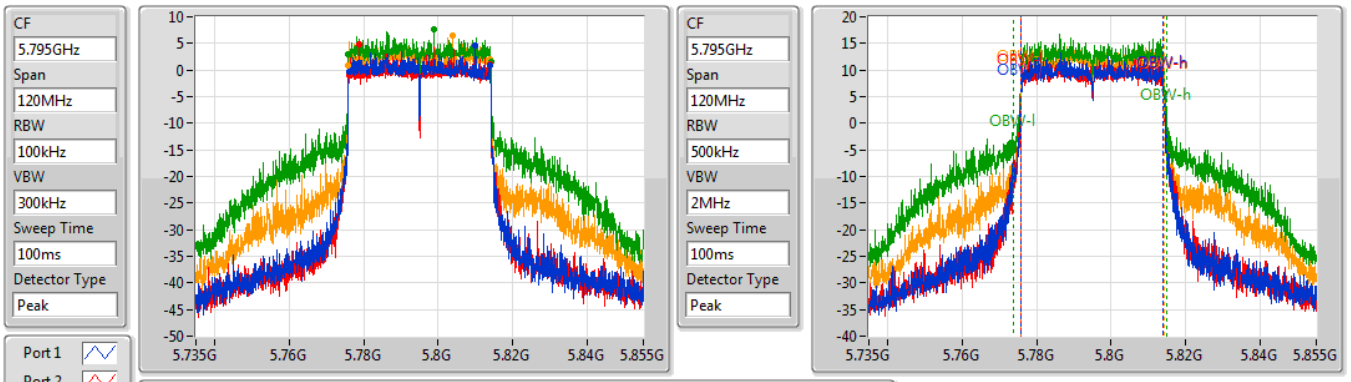


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	5.73616G	5.77396G	38.021M	5.736049G	5.77407G	500k	1
38.04M	5.73598G	5.77402G	38.141M	5.73593G	5.77407G	500k	2
37.38M	5.73658G	5.77396G	38.321M	5.73587G	5.77419G	500k	3
37.92M	5.73616G	5.77408G	38.081M	5.73599G	5.77407G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5795MHz

27/02/2020

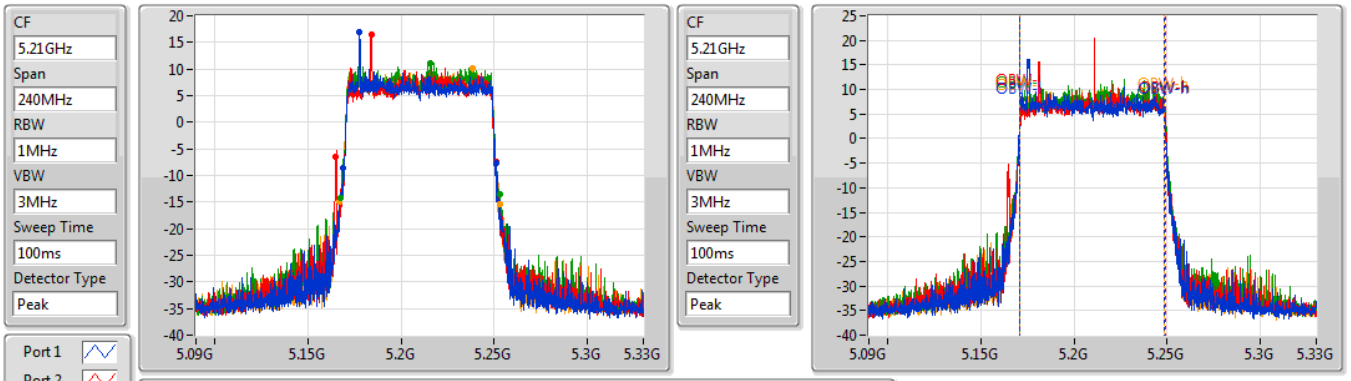


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.92M	5.77598G	5.8139G	38.081M	5.77593G	5.81401G	500k	1
37.62M	5.77628G	5.8139G	38.081M	5.77593G	5.81401G	500k	2
38.16M	5.77592G	5.81408G	41.319M	5.773711G	5.81503G	500k	3
38.1M	5.77586G	5.81396G	38.201M	5.77593G	5.81413G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5210MHz

27/02/2020

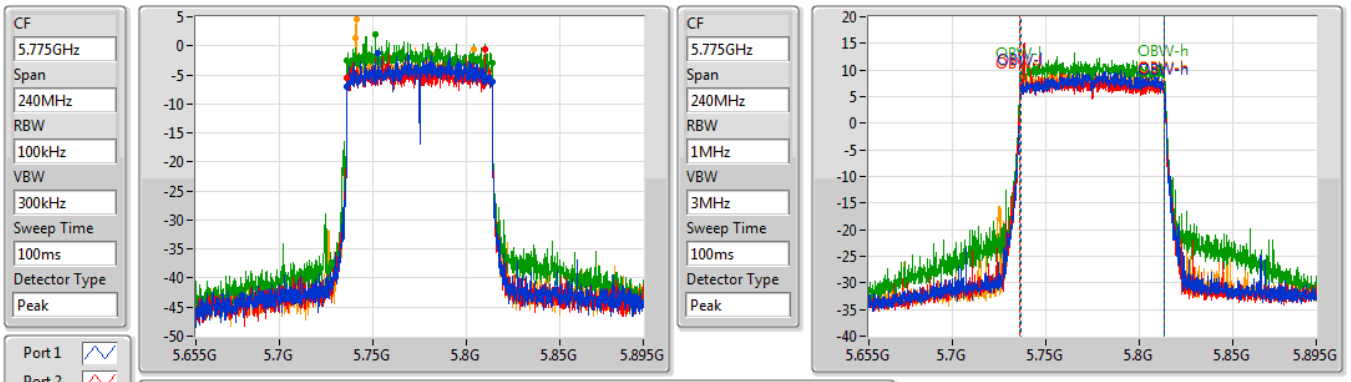


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.16872G	5.2508G	77.601M	5.171139G	5.248741G	Inf	1
86.04M	5.16488G	5.25092G	77.721M	5.171139G	5.248861G	Inf	2
85.68M	5.1674G	5.25308G	77.721M	5.171139G	5.248861G	Inf	3
86.28M	5.16704G	5.25332G	77.601M	5.171139G	5.248741G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5775MHz

27/02/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
78M	5.736G	5.814G	77.361M	5.736379G	5.813741G	500k	1
77.88M	5.73612G	5.814G	77.601M	5.736139G	5.813741G	500k	2
78.12M	5.73588G	5.814G	77.601M	5.736139G	5.813741G	500k	3
63.48M	5.74032G	5.8038G	77.481M	5.736259G	5.813741G	500k	4

For non-beamforming mode:
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	27.82	0.60534
802.11ac VHT20_Nss1,(MCS0)_4TX	26.69	0.46666
802.11ac VHT40_Nss1,(MCS0)_4TX	26.72	0.46989
802.11ac VHT80_Nss1,(MCS0)_4TX	23.98	0.25003
802.11ax HEW20_Nss1,(MCS0)_4TX	26.88	0.48753
802.11ax HEW40_Nss1,(MCS0)_4TX	26.88	0.48753
802.11ax HEW80_Nss1,(MCS0)_4TX	23.90	0.24547
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	26.52	0.44875
802.11ac VHT20_Nss1,(MCS0)_4TX	26.27	0.42364
802.11ac VHT40_Nss1,(MCS0)_4TX	25.90	0.38905
802.11ac VHT80_Nss1,(MCS0)_4TX	25.75	0.37584
802.11ax HEW20_Nss1,(MCS0)_4TX	26.82	0.48084
802.11ax HEW40_Nss1,(MCS0)_4TX	26.35	0.43152
802.11ax HEW80_Nss1,(MCS0)_4TX	26.14	0.41115

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	2.60	20.97	20.24	20.48	20.51	26.58	30.00
5200MHz	Pass	2.60	20.94	20.35	20.66	20.76	26.70	30.00
5240MHz	Pass	2.60	21.72	21.27	22.41	21.72	27.82	30.00
5745MHz	Pass	3.00	18.90	18.90	22.18	21.09	26.52	30.00
5785MHz	Pass	3.00	18.09	18.79	22.35	21.00	26.41	30.00
5825MHz	Pass	3.00	18.54	18.61	22.26	20.15	26.19	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.60	19.81	19.32	18.63	19.37	25.32	30.00
5200MHz	Pass	2.60	19.88	19.38	18.91	19.55	25.46	30.00
5240MHz	Pass	2.60	21.30	20.64	19.51	21.01	26.69	30.00
5745MHz	Pass	3.00	18.41	18.36	22.26	20.70	26.27	30.00
5785MHz	Pass	3.00	17.48	18.24	22.39	20.62	26.14	30.00
5825MHz	Pass	3.00	17.99	18.71	22.30	20.28	26.17	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.60	18.82	18.84	18.42	18.69	24.72	30.00
5230MHz	Pass	2.60	21.12	20.62	20.05	20.92	26.72	30.00
5755MHz	Pass	3.00	18.00	19.12	21.06	20.68	25.90	30.00
5795MHz	Pass	3.00	17.99	19.14	21.00	20.39	25.80	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.60	18.26	17.88	17.91	17.78	23.98	30.00
5775MHz	Pass	3.00	17.96	18.54	21.36	20.21	25.75	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.60	20.46	19.92	19.15	19.89	25.90	30.00
5200MHz	Pass	2.60	20.24	19.94	19.36	20.08	25.94	30.00
5240MHz	Pass	2.60	21.44	20.73	20.03	21.10	26.88	30.00
5745MHz	Pass	3.00	19.21	19.31	22.65	21.08	26.82	30.00
5785MHz	Pass	3.00	18.42	19.18	22.59	20.68	26.54	30.00
5825MHz	Pass	3.00	18.88	19.03	22.66	20.45	26.56	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.60	19.19	19.11	18.75	19.11	25.06	30.00
5230MHz	Pass	2.60	21.34	20.73	20.25	21.06	26.88	30.00
5755MHz	Pass	3.00	18.83	19.50	21.43	20.65	26.24	30.00
5795MHz	Pass	3.00	18.42	19.60	21.70	20.89	26.35	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.60	18.19	17.77	17.83	17.71	23.90	30.00
5775MHz	Pass	3.00	18.86	18.97	21.38	20.73	26.14	30.00

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

For beamforming mode:
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	26.91	0.49091
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	26.07	0.40458
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	23.28	0.21281
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.28	0.53456
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	26.14	0.41115
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.33	0.21528
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	26.96	0.49659
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	26.76	0.47424
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	23.58	0.22803
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	26.73	0.47098
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	26.96	0.49659
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.20	0.26303

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.62	18.42	17.63	18.23	17.90	24.08	27.38
5200MHz	Pass	8.62	20.34	19.89	20.61	19.93	26.22	27.38
5240MHz	Pass	8.62	20.45	20.72	21.49	20.84	26.91	27.38
5745MHz	Pass	9.02	19.07	19.18	22.73	20.05	26.55	26.98
5785MHz	Pass	9.02	19.26	18.59	23.79	20.03	26.96	26.98
5825MHz	Pass	9.02	18.73	18.84	23.49	20.01	26.77	26.98
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.62	16.37	16.52	17.44	16.09	22.66	27.38
5230MHz	Pass	8.62	19.86	20.05	20.62	19.60	26.07	27.38
5755MHz	Pass	9.02	18.84	18.92	22.88	20.98	26.76	26.98
5795MHz	Pass	9.02	18.95	18.60	21.72	20.43	26.13	26.98
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.62	17.31	16.45	18.17	16.91	23.28	27.38
5775MHz	Pass	9.02	16.73	16.53	19.16	17.30	23.58	26.98
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.62	20.04	19.09	19.88	19.79	25.74	27.38
5200MHz	Pass	8.62	19.18	19.98	20.30	19.64	25.82	27.38
5240MHz	Pass	8.62	21.31	21.11	21.67	20.92	27.28	27.38
5745MHz	Pass	9.02	18.93	18.75	22.38	21.61	26.73	26.98
5785MHz	Pass	9.02	19.17	18.84	22.67	19.89	26.45	26.98
5825MHz	Pass	9.02	19.42	19.39	22.02	20.89	26.59	26.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.62	16.60	16.47	17.75	16.05	22.79	27.38
5230MHz	Pass	8.62	19.51	19.75	20.67	20.45	26.14	27.38
5755MHz	Pass	9.02	19.32	19.91	22.02	21.18	26.76	26.98
5795MHz	Pass	9.02	19.43	18.89	23.19	20.88	26.96	26.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.62	16.96	16.35	18.12	17.60	23.33	27.38
5775MHz	Pass	9.02	17.14	16.97	19.93	17.98	24.20	26.98

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

For non-beamforming mode:
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	14.34
802.11ac VHT20_Nss1,(MCS0)_4TX	12.85
802.11ac VHT40_Nss1,(MCS0)_4TX	9.76
802.11ac VHT80_Nss1,(MCS0)_4TX	3.51
802.11ax HEW20_Nss1,(MCS0)_4TX	12.55
802.11ax HEW40_Nss1,(MCS0)_4TX	9.59
802.11ax HEW80_Nss1,(MCS0)_4TX	3.24
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	11.74
802.11ac VHT20_Nss1,(MCS0)_4TX	11.32
802.11ac VHT40_Nss1,(MCS0)_4TX	7.59
802.11ac VHT80_Nss1,(MCS0)_4TX	4.60
802.11ax HEW20_Nss1,(MCS0)_4TX	11.56
802.11ax HEW40_Nss1,(MCS0)_4TX	8.27
802.11ax HEW80_Nss1,(MCS0)_4TX	5.13

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

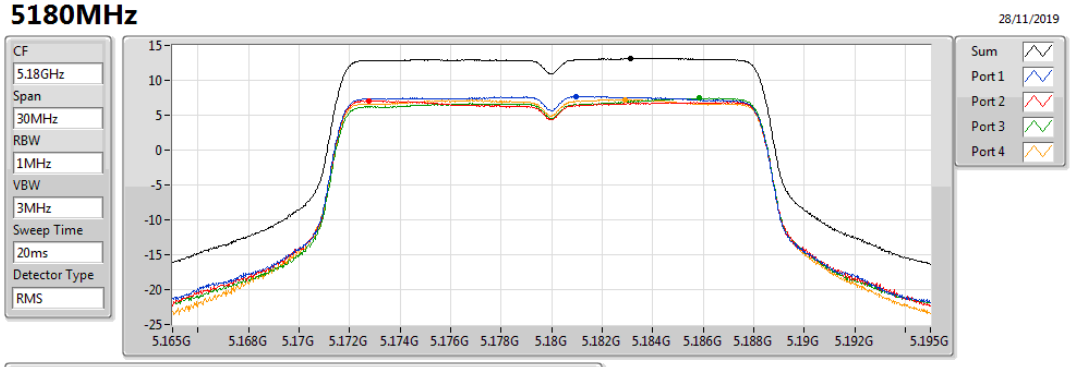
Result

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	8.62	7.69	7.08	7.45	7.25	13.15	14.38
5200MHz	Pass	8.62	7.58	6.98	7.59	7.41	13.17	14.38
5240MHz	Pass	8.62	8.36	8.02	9.41	8.34	14.34	14.38
5745MHz	Pass	9.02	2.62	3.10	7.78	6.23	11.35	26.98
5785MHz	Pass	9.02	3.32	3.89	7.83	6.91	11.74	26.98
5825MHz	Pass	9.02	3.86	3.94	7.91	6.37	11.64	26.98
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.62	6.14	5.80	5.38	5.81	11.59	14.38
5200MHz	Pass	8.62	6.11	5.94	5.64	5.90	11.63	14.38
5240MHz	Pass	8.62	7.58	6.99	6.28	7.35	12.85	14.38
5745MHz	Pass	9.02	3.27	3.04	7.45	6.24	11.32	26.98
5785MHz	Pass	9.02	2.34	3.05	7.45	6.18	11.14	26.98
5825MHz	Pass	9.02	2.92	3.63	7.56	6.21	11.29	26.98
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.62	2.00	2.22	2.06	1.84	7.71	14.38
5230MHz	Pass	8.62	4.25	3.96	3.75	4.11	9.76	14.38
5755MHz	Pass	9.02	-0.51	0.65	3.14	2.88	7.59	26.98
5795MHz	Pass	9.02	-0.53	0.86	3.15	2.73	7.57	26.98
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.62	-1.80	-2.16	-1.88	-2.41	3.51	14.38
5775MHz	Pass	9.02	-3.72	-2.92	0.57	-0.35	4.60	26.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.62	6.42	6.16	6.00	6.20	12.02	14.38
5200MHz	Pass	8.62	6.16	5.63	5.29	5.91	11.66	14.38
5240MHz	Pass	8.62	7.05	6.29	6.25	6.93	12.55	14.38
5745MHz	Pass	9.02	3.62	3.69	7.67	6.47	11.56	26.98
5785MHz	Pass	9.02	2.97	4.03	7.32	6.30	11.25	26.98
5825MHz	Pass	9.02	3.18	3.35	7.67	6.19	11.40	26.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.62	2.29	2.35	1.81	2.09	8.05	14.38
5230MHz	Pass	8.62	4.27	3.79	3.50	4.04	9.59	14.38
5755MHz	Pass	9.02	0.48	1.11	3.67	2.99	8.04	26.98
5795MHz	Pass	9.02	0.05	1.42	4.02	3.27	8.27	26.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.62	-2.03	-2.46	-2.58	-2.59	3.24	14.38
5775MHz	Pass	9.02	-2.61	-2.39	0.71	0.27	5.13	26.98

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

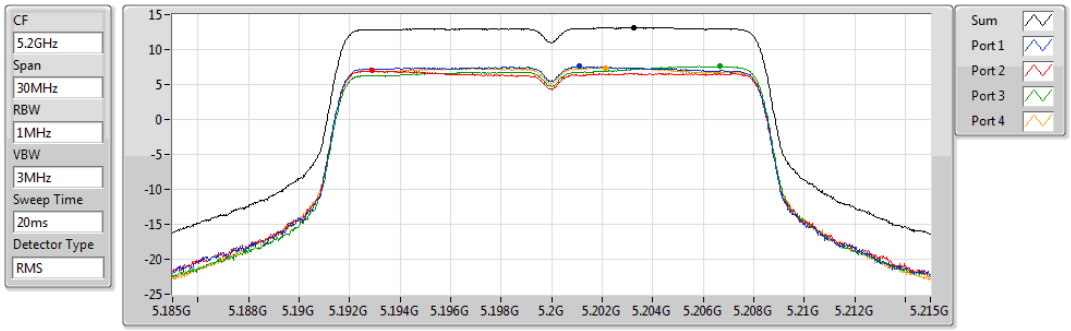
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.15	13.15	7.69	7.08	7.45	7.25

802.11a_Nss1,(6Mbps)_4TX PSD

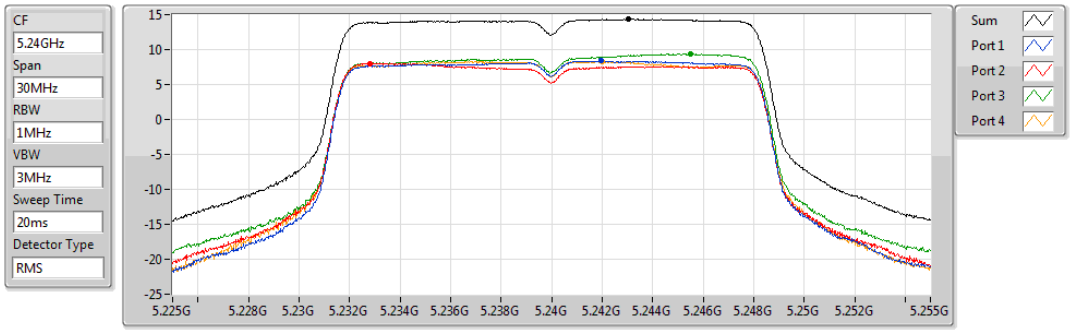
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.17	13.17	7.58	6.98	7.59	7.41

802.11a_Nss1,(6Mbps)_4TX PSD

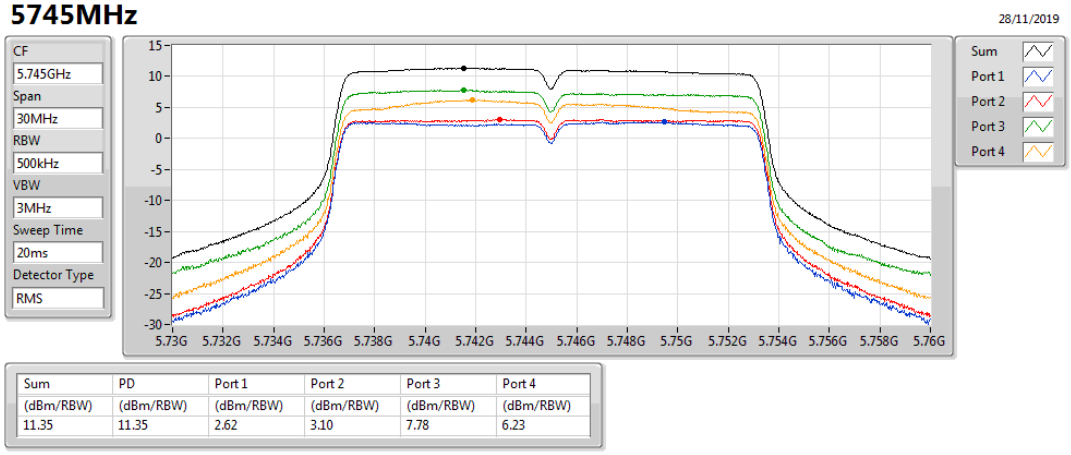
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.34	14.34	8.36	8.02	9.41	8.34

802.11a_Nss1,(6Mbps)_4TX PSD

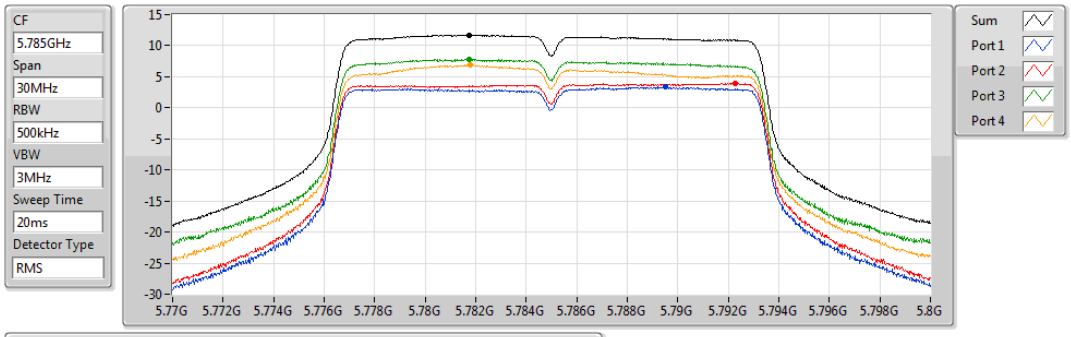
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.35	11.35	2.62	3.10	7.78	6.23

802.11a_Nss1,(6Mbps)_4TX PSD

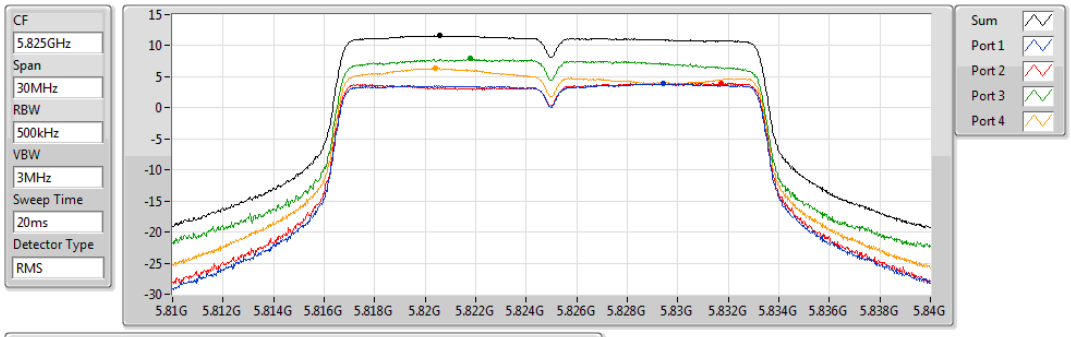
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.74	11.74	3.32	3.89	7.83	6.91

802.11a_Nss1,(6Mbps)_4TX PSD

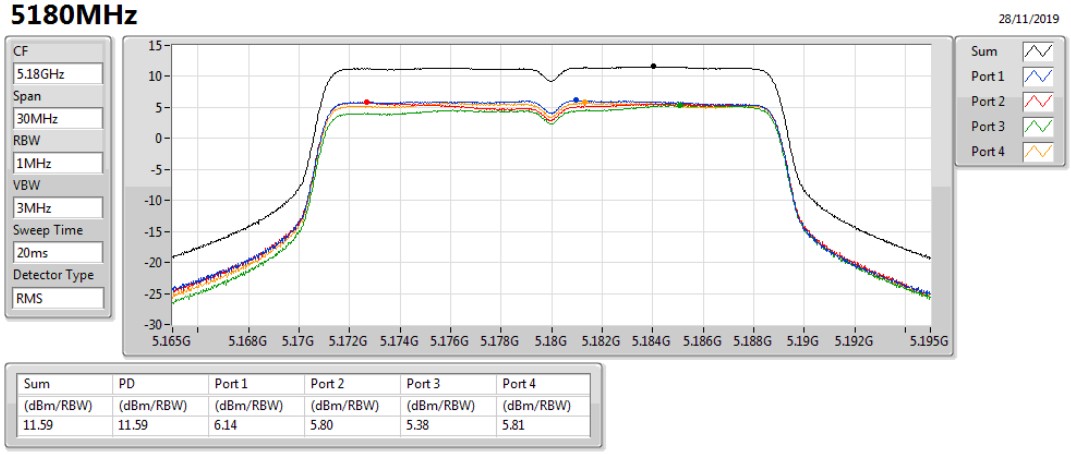
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.64	11.64	3.86	3.94	7.91	6.37

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

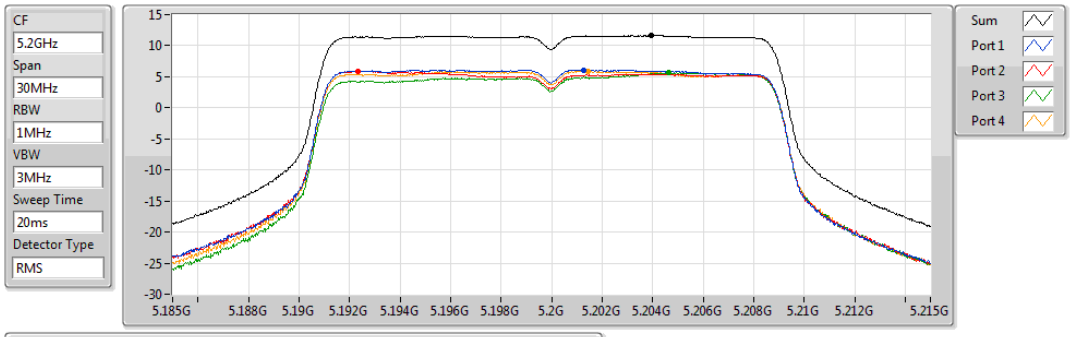
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.59	11.59	6.14	5.80	5.38	5.81

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

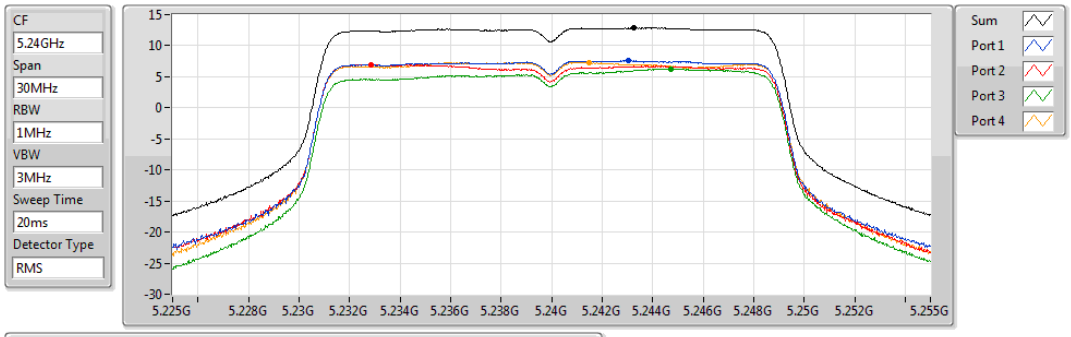
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.63	11.63	6.11	5.94	5.64	5.90

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

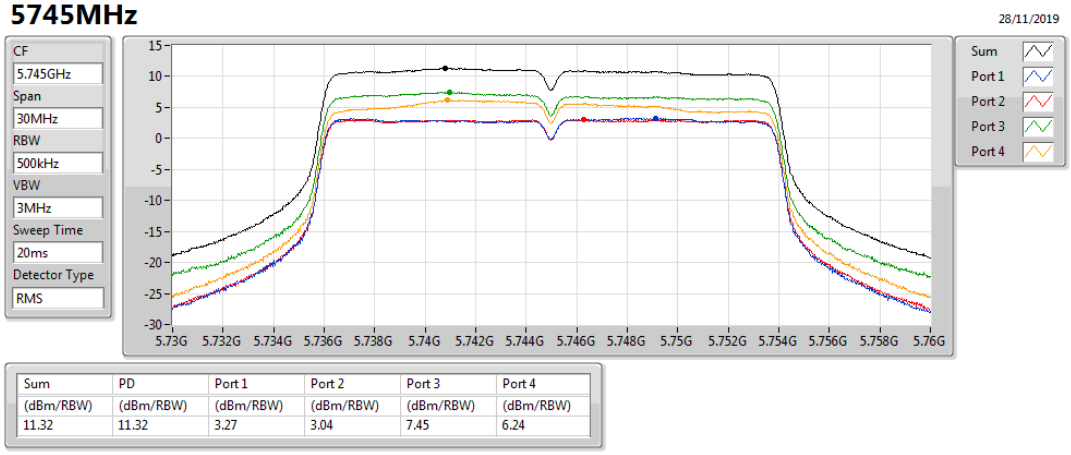
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.85	12.85	7.58	6.99	6.28	7.35

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

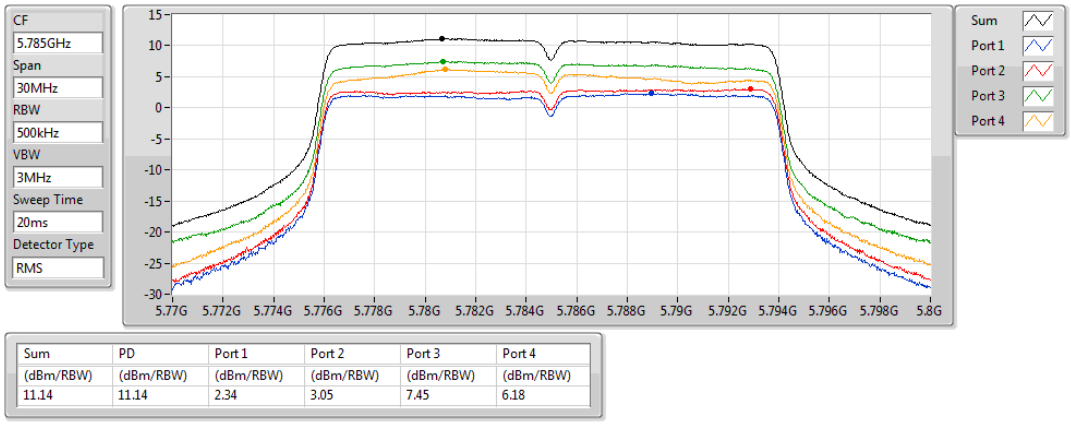
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.32	11.32	3.27	3.04	7.45	6.24

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

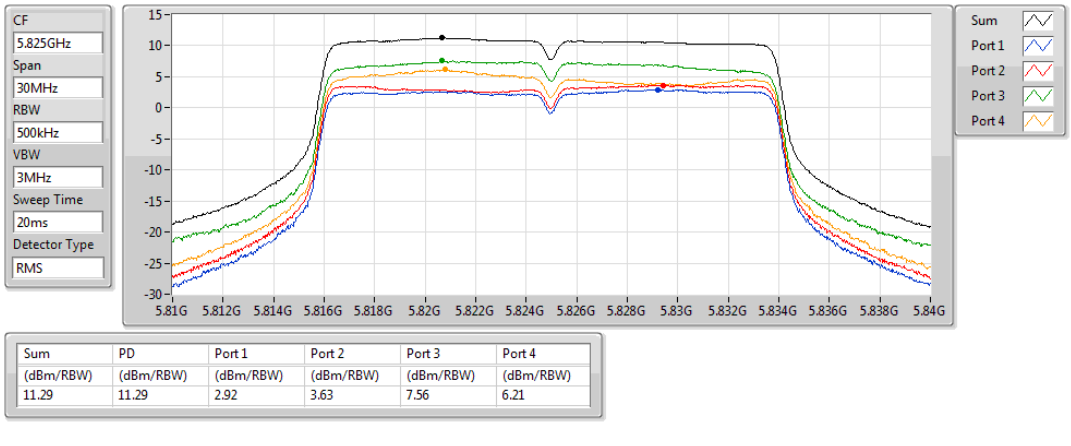
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.14	11.14	2.34	3.05	7.45	6.18

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

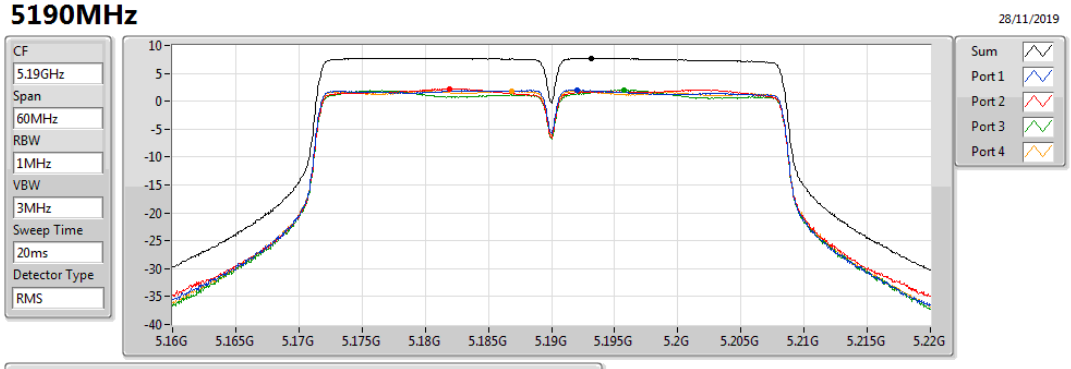
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.29	11.29	2.92	3.63	7.56	6.21

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

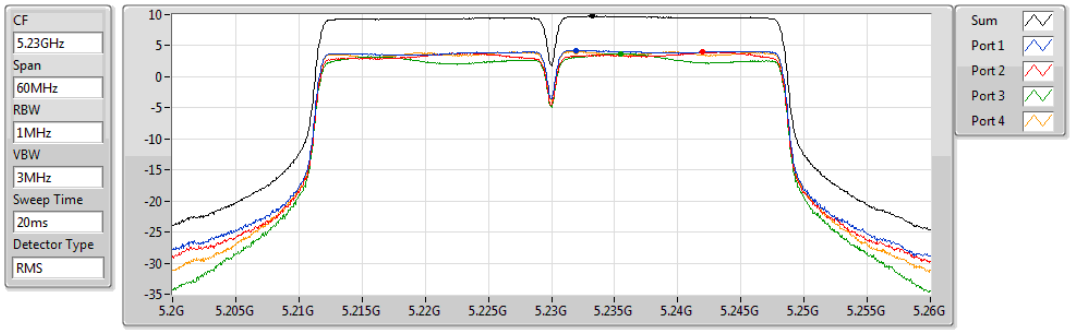
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.71	7.71	2.00	2.22	2.06	1.84

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

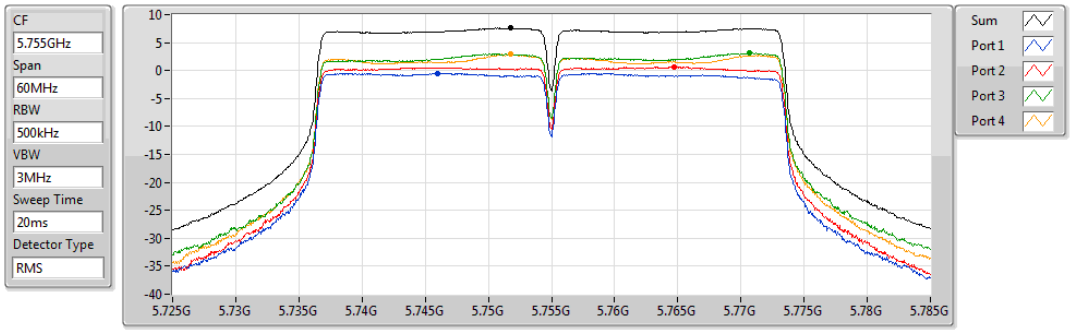
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.76	9.76	4.25	3.96	3.75	4.11

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

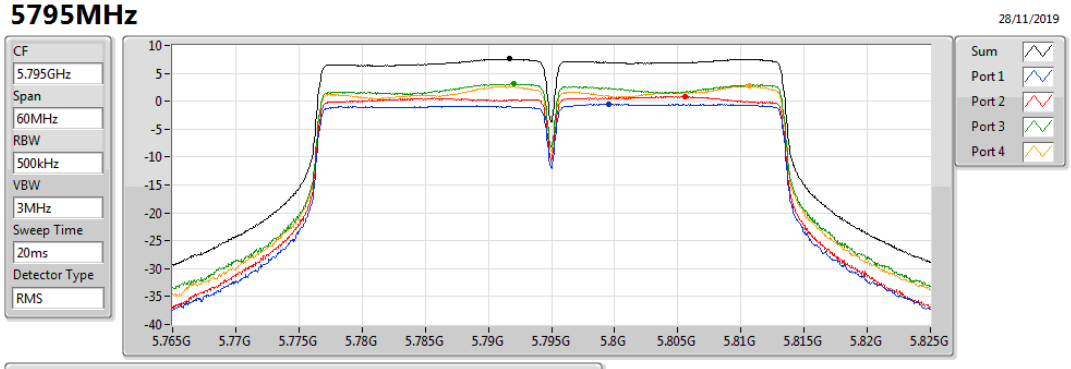
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.59	7.59	-0.51	0.65	3.14	2.88

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

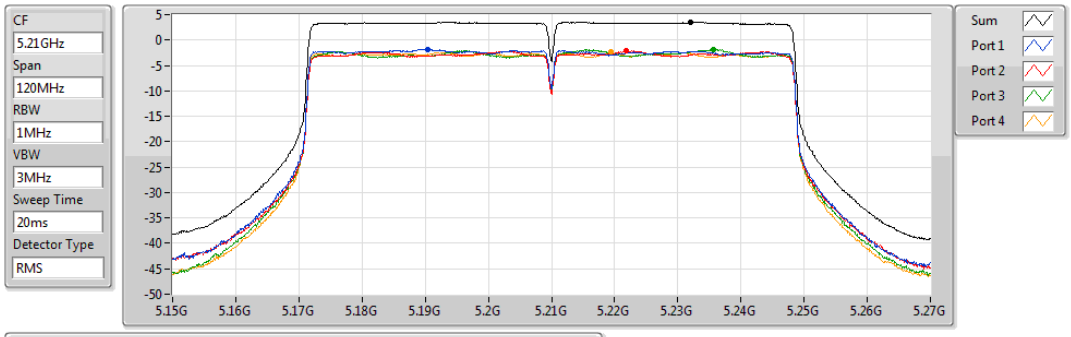
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.57	7.57	-0.53	0.86	3.15	2.73

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

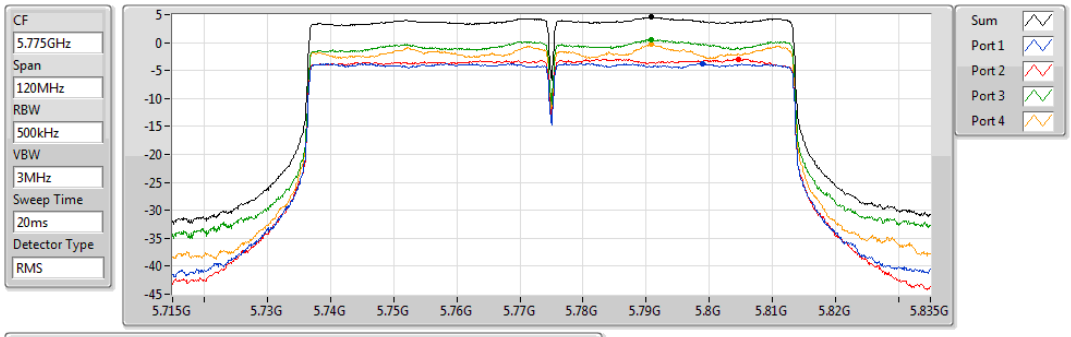
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.51	3.51	-1.80	-2.16	-1.88	-2.41

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

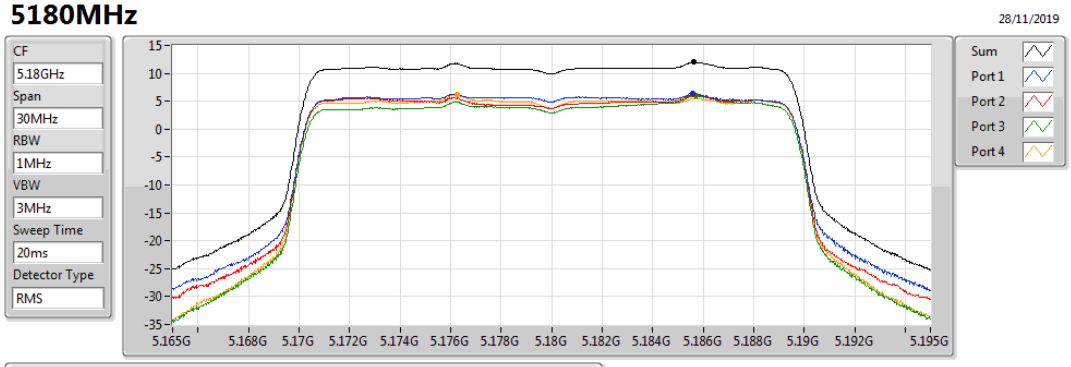
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.60	4.60	-3.72	-2.92	0.57	-0.35

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

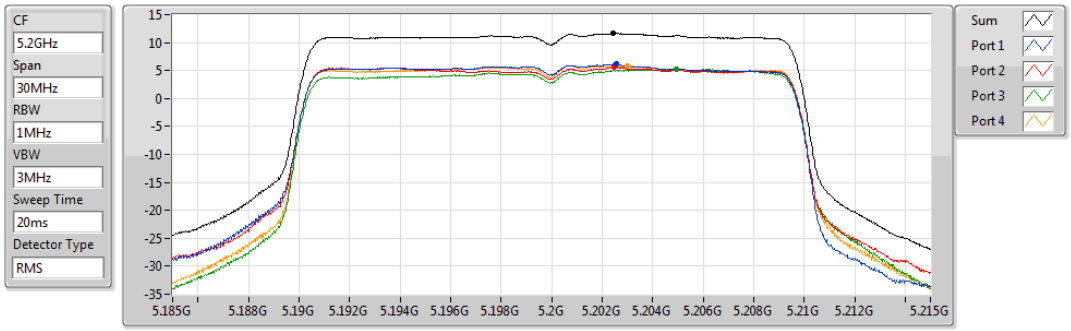
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.02	12.02	6.42	6.16	6.00	6.20

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

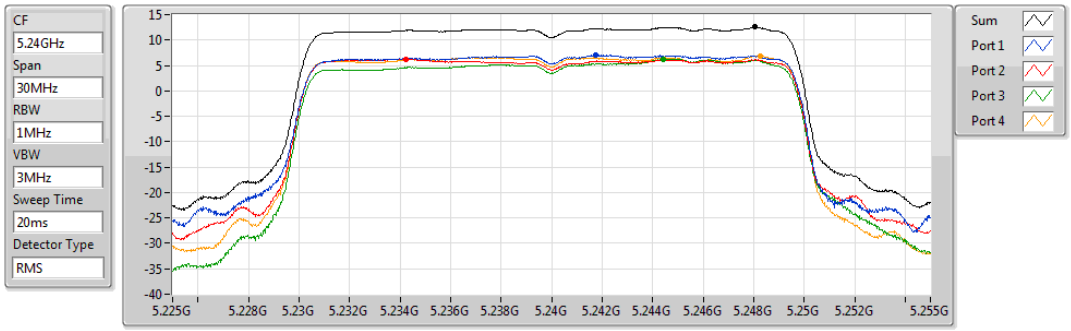
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.66	11.66	6.16	5.63	5.29	5.91

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

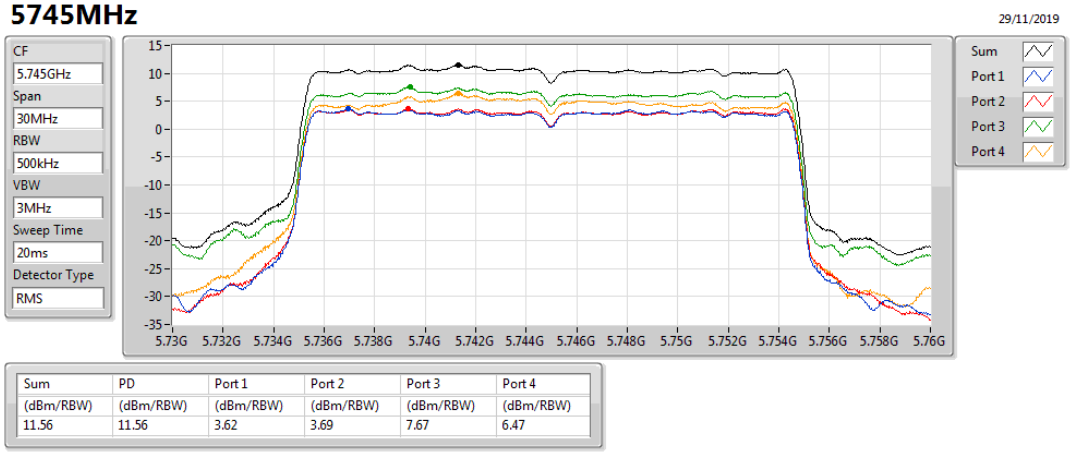
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.55	12.55	7.05	6.29	6.25	6.93

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

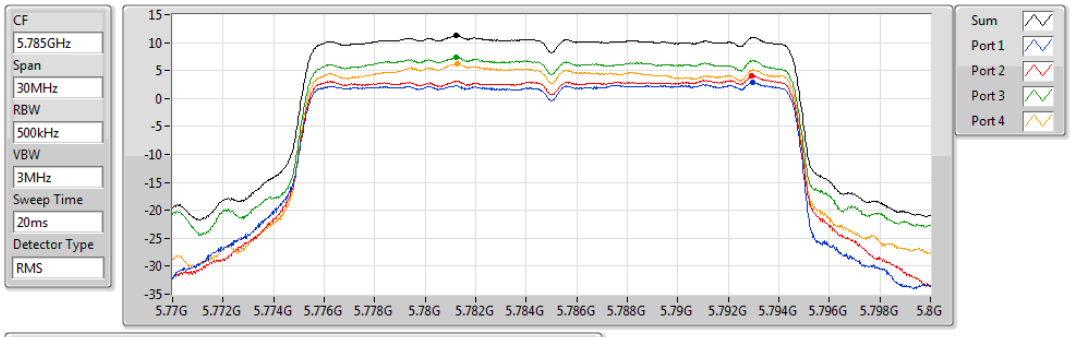
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.56	11.56	3.62	3.69	7.67	6.47

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

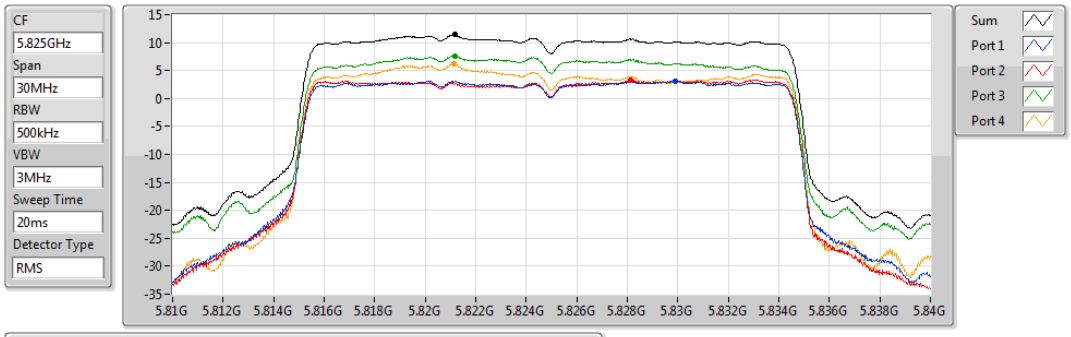
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.25	11.25	2.97	4.03	7.32	6.30

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

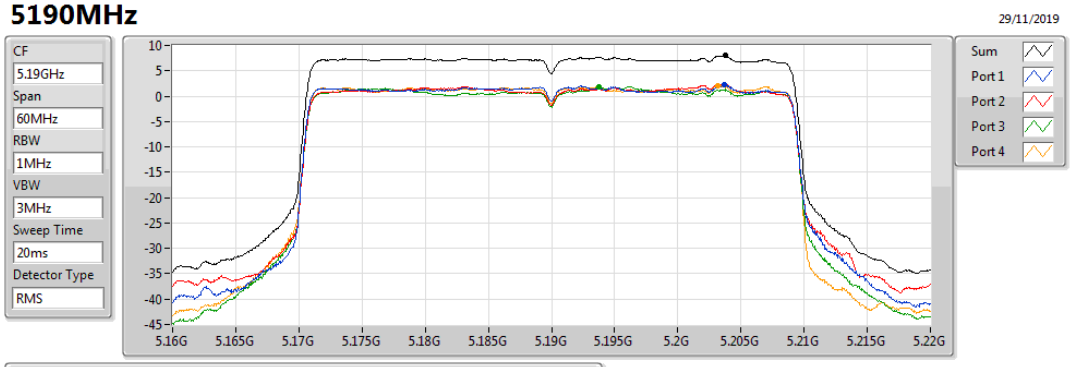
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.40	11.40	3.18	3.35	7.67	6.19

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

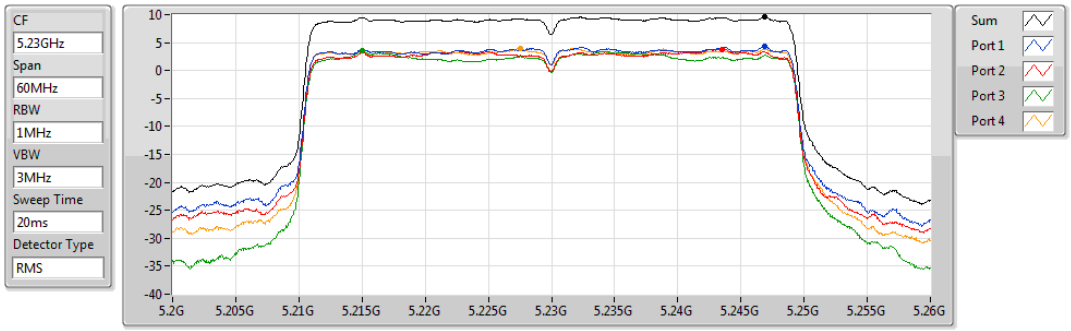
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.05	8.05	2.29	2.35	1.81	2.09

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

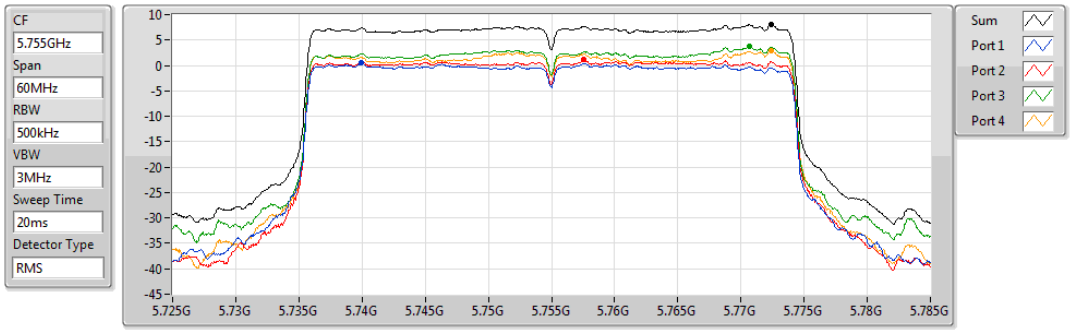
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.59	9.59	4.27	3.79	3.50	4.04

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

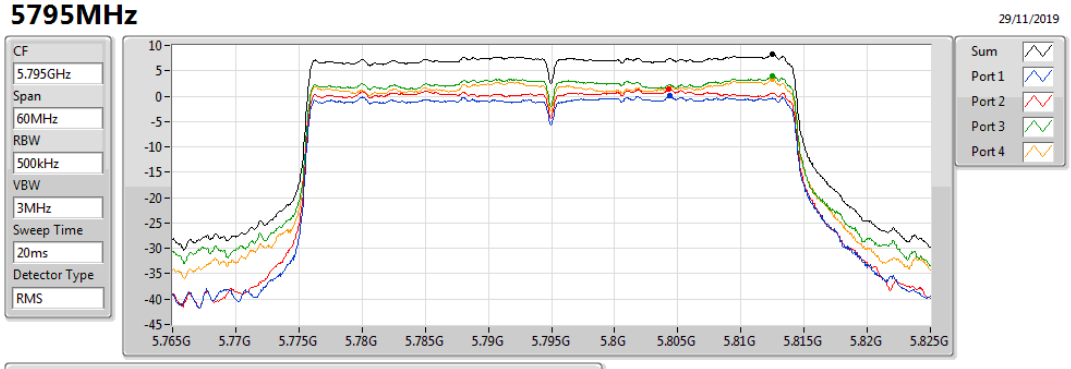
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.04	8.04	0.48	1.11	3.67	2.99

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

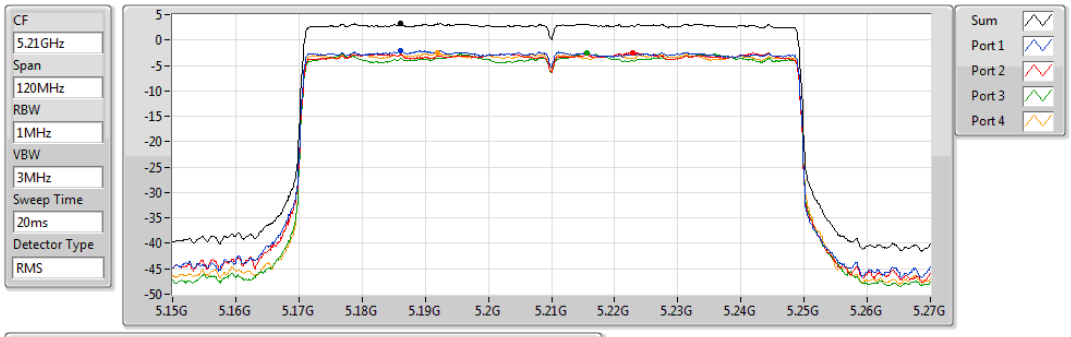
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.27	8.27	0.05	1.42	4.02	3.27

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

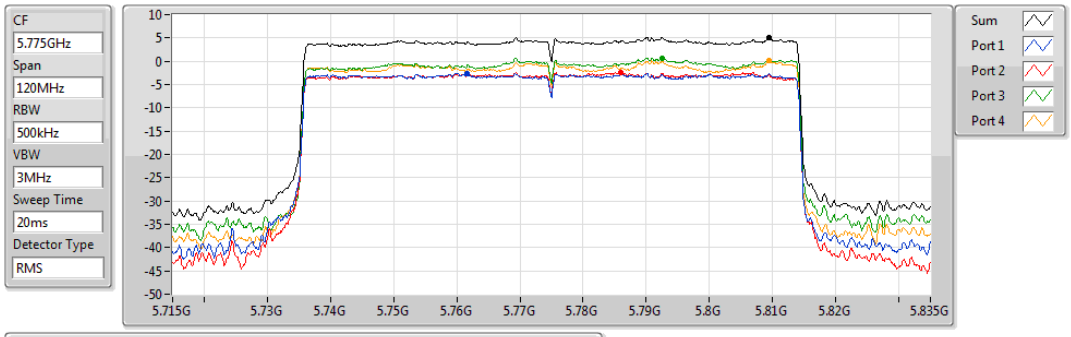
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.24	3.24	-2.03	-2.46	-2.58	-2.59

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.13	5.13	-2.61	-2.39	0.71	0.27

For beamforming mode:
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	14.34
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	10.94
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	4.26
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.31
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	11.77
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.87
5.725-5.85GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	14.23
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	10.31
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	2.54
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.31
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	10.67
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.29

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

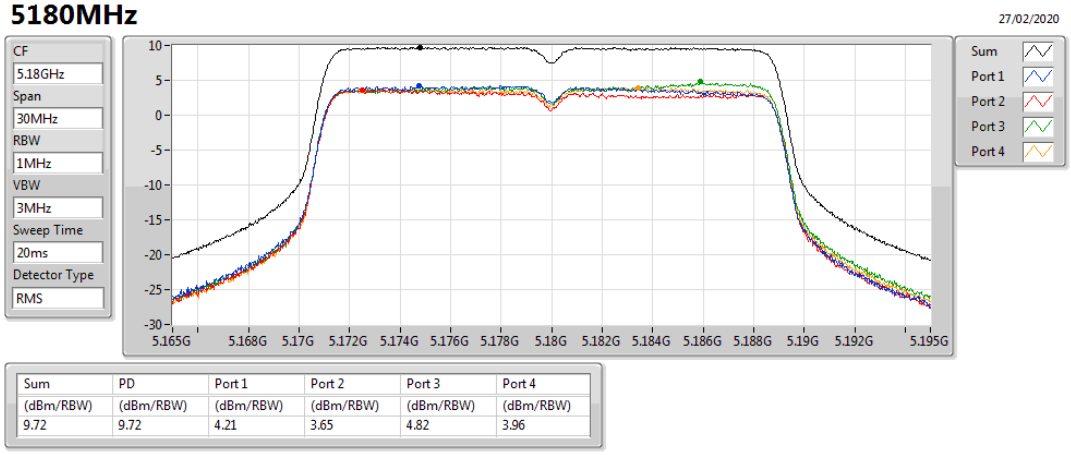
Result

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)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.62	4.21	3.65	4.82	3.96	9.72	14.38
5200MHz	Pass	8.62	8.18	7.49	8.56	7.85	13.66	14.38
5240MHz	Pass	8.62	7.95	8.36	10.17	8.18	14.34	14.38
5745MHz	Pass	9.02	4.53	4.57	8.77	6.50	12.26	26.98
5785MHz	Pass	9.02	5.78	4.58	11.79	7.46	14.23	26.98
5825MHz	Pass	9.02	4.68	5.55	11.19	7.28	13.75	26.98
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.62	1.34	1.56	2.38	0.99	7.03	14.38
5230MHz	Pass	8.62	5.12	5.37	6.40	4.70	10.94	14.38
5755MHz	Pass	9.02	2.50	2.27	6.70	5.04	10.31	26.98
5795MHz	Pass	9.02	2.50	1.93	5.64	4.65	9.75	26.98
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.62	-1.40	-1.20	-0.59	-1.46	4.26	14.38
5775MHz	Pass	9.02	-4.01	-4.65	-1.33	-2.82	2.54	26.98
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.62	7.00	6.31	7.00	6.72	12.41	14.38
5200MHz	Pass	8.62	6.72	6.49	7.46	6.95	12.61	14.38
5240MHz	Pass	8.62	8.06	8.53	9.93	8.11	14.31	14.38
5745MHz	Pass	9.02	4.62	4.41	8.65	7.04	12.31	26.98
5785MHz	Pass	9.02	5.17	4.29	8.20	6.05	12.07	26.98
5825MHz	Pass	9.02	4.26	4.37	7.85	6.07	11.69	26.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.62	1.27	1.44	1.57	0.75	7.11	14.38
5230MHz	Pass	8.62	5.78	6.37	7.27	5.23	11.77	14.38
5755MHz	Pass	9.02	2.63	2.60	6.74	5.32	10.53	26.98
5795MHz	Pass	9.02	3.28	3.03	6.39	5.70	10.67	26.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.62	-1.85	-1.60	-0.76	-1.82	3.87	14.38
5775MHz	Pass	9.02	-3.07	-3.94	-0.79	-2.60	3.29	26.98

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;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

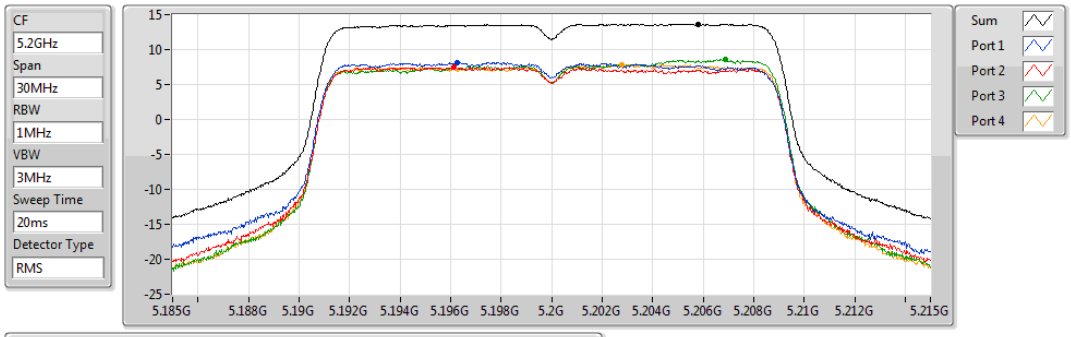
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.72	9.72	4.21	3.65	4.82	3.96

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

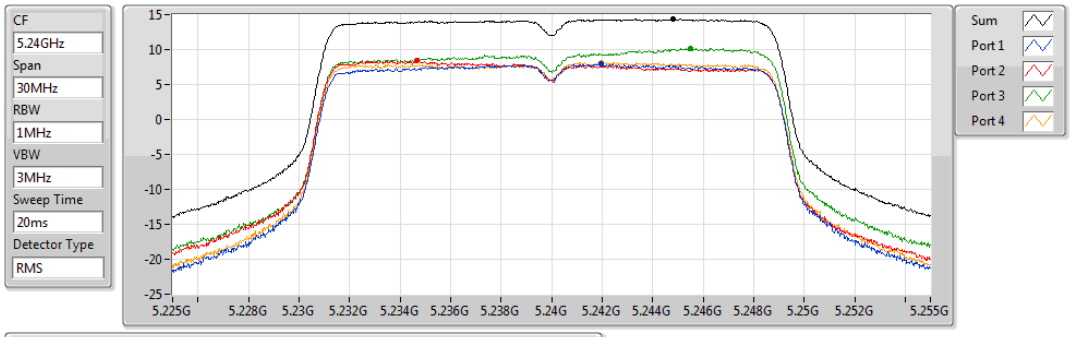
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.66	13.66	8.18	7.49	8.56	7.85

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

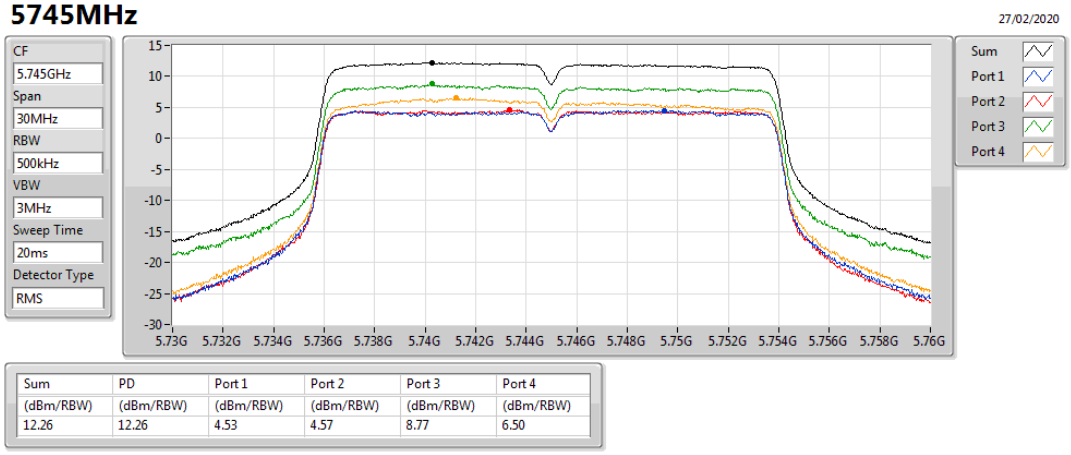
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.34	14.34	7.95	8.36	10.17	8.18

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

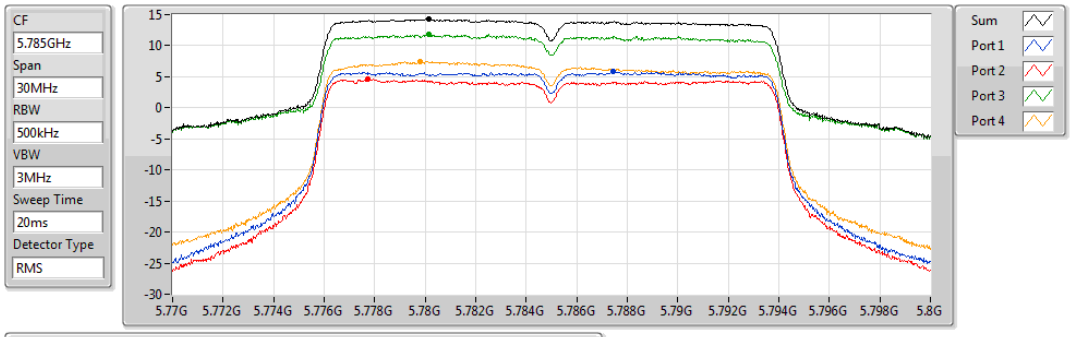
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.26	12.26	4.53	4.57	8.77	6.50

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

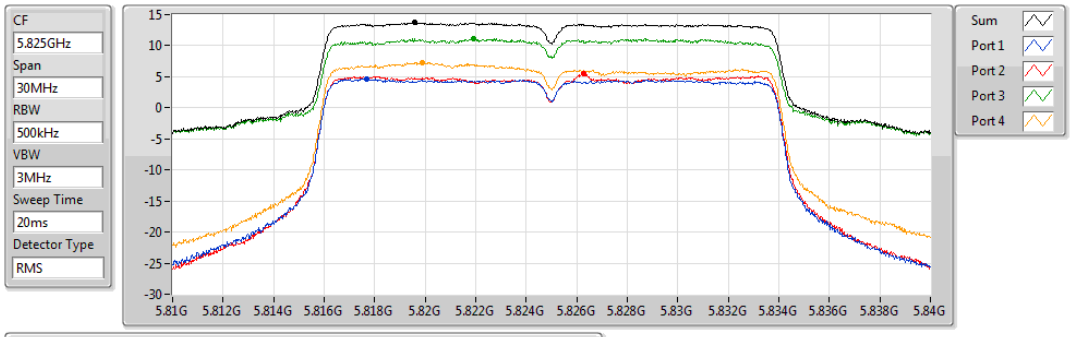
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.23	14.23	5.78	4.58	11.79	7.46

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

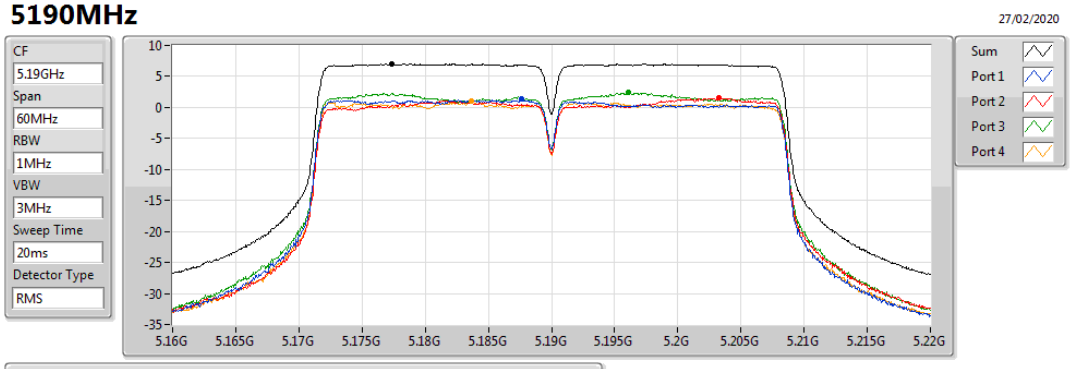
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.75	13.75	4.68	5.55	11.19	7.28

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

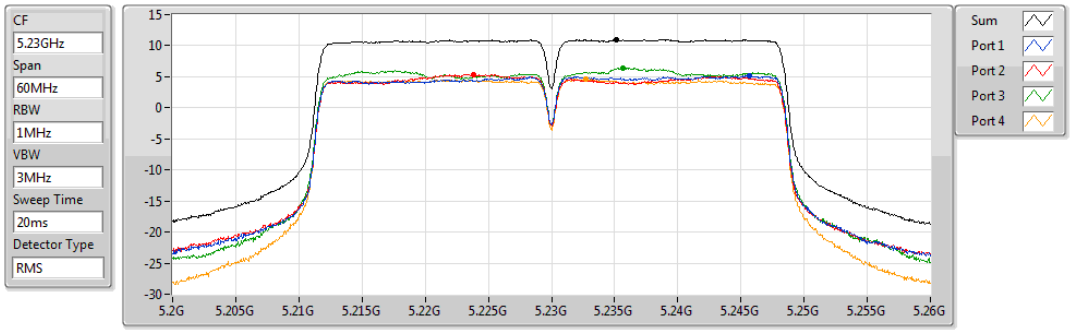
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.03	7.03	1.34	1.56	2.38	0.99

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

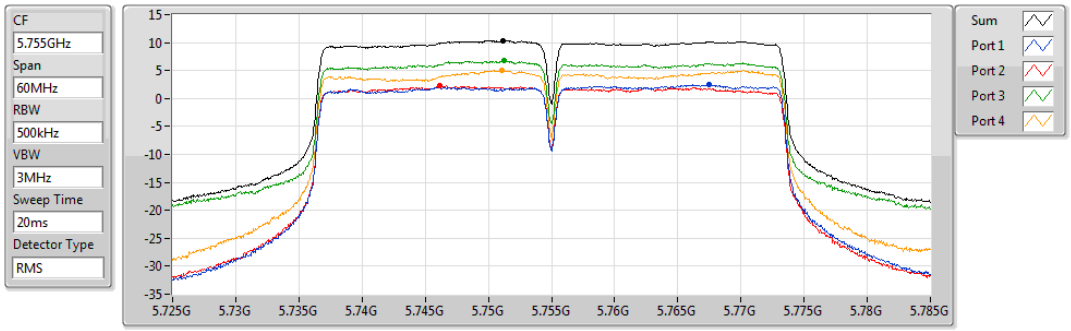
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.94	10.94	5.12	5.37	6.40	4.70

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

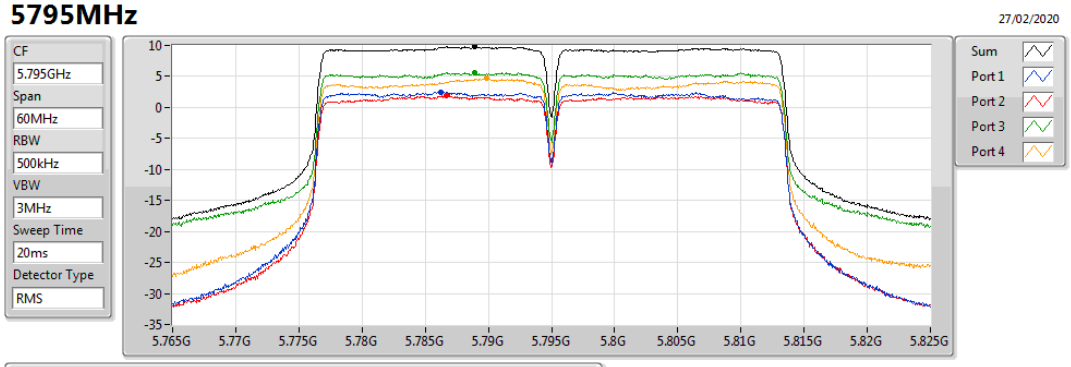
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.31	10.31	2.50	2.27	6.70	5.04

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

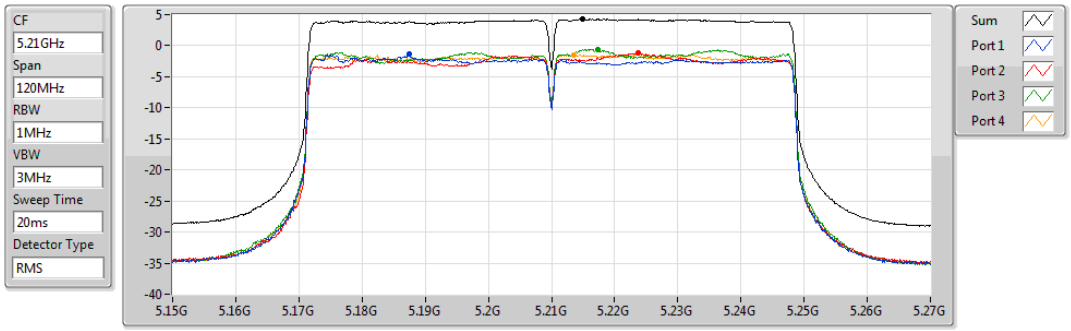
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.75	9.75	2.50	1.93	5.64	4.65

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

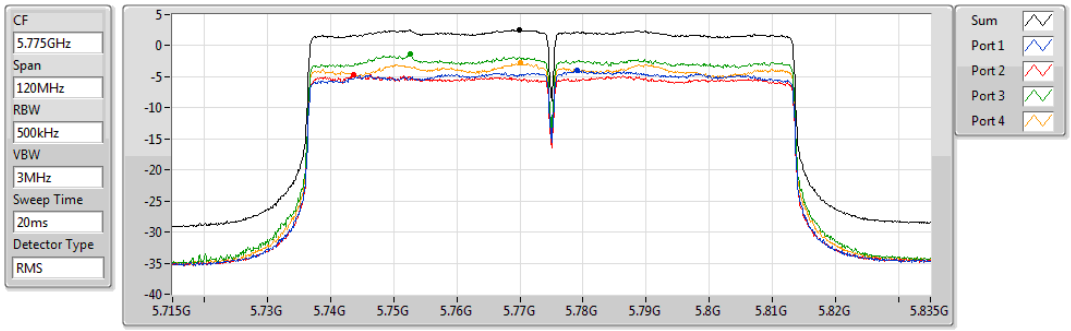
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.26	4.26	-1.40	-1.20	-0.59	-1.46

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

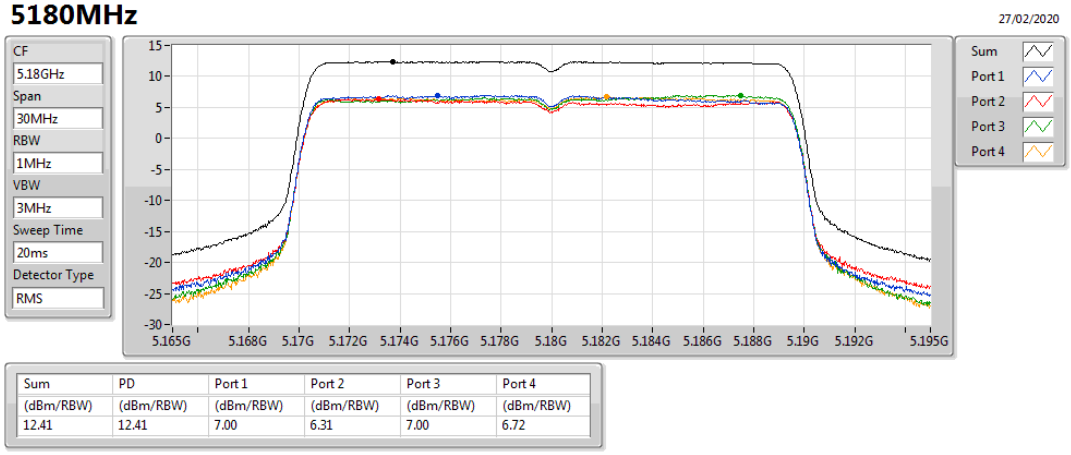
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.54	2.54	-4.01	-4.65	-1.33	-2.82

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

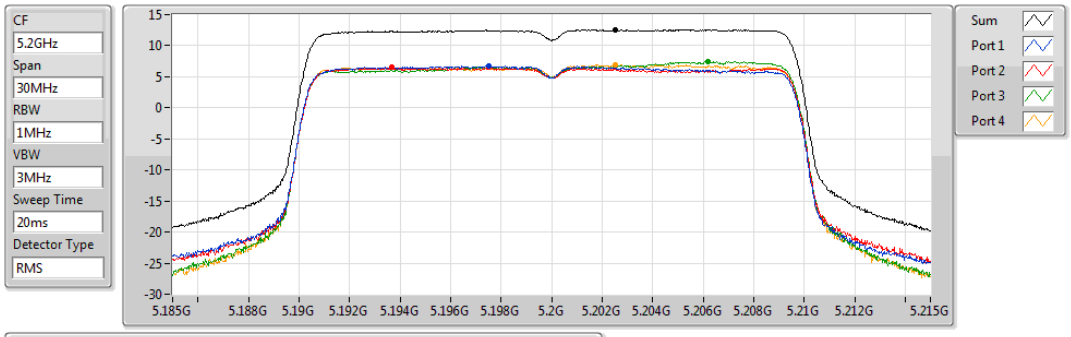
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.41	12.41	7.00	6.31	7.00	6.72

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

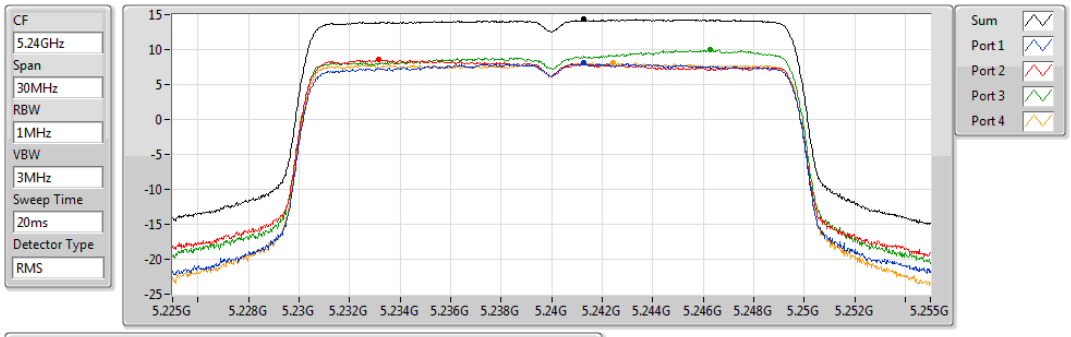
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.61	12.61	6.72	6.49	7.46	6.95

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

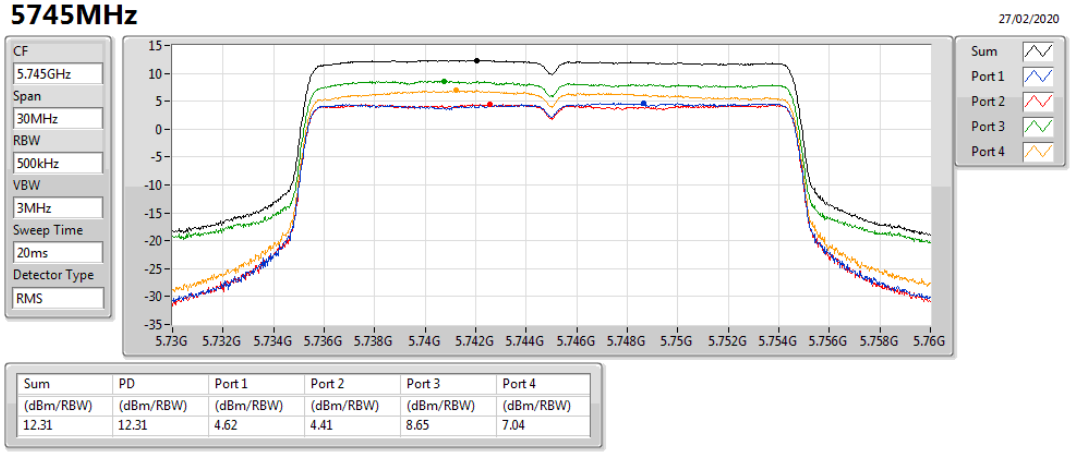
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.31	14.31	8.06	8.53	9.93	8.11

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

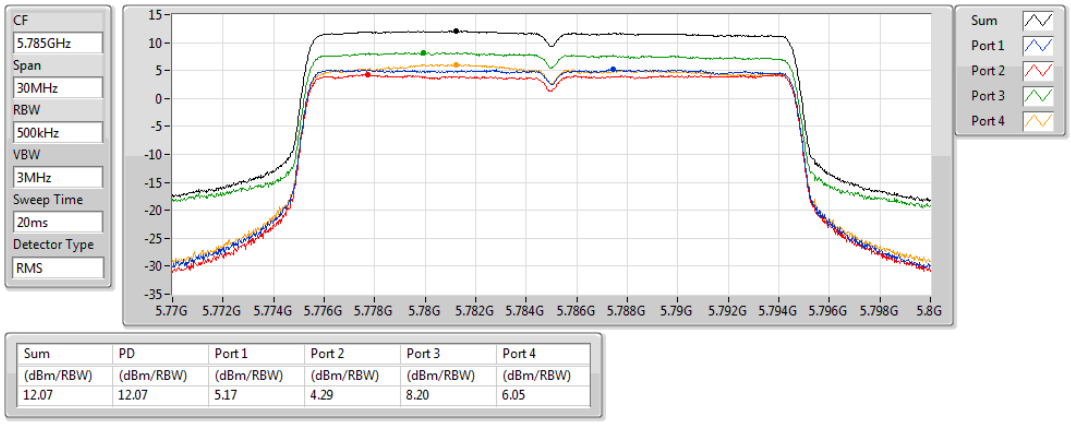
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.31	12.31	4.62	4.41	8.65	7.04

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

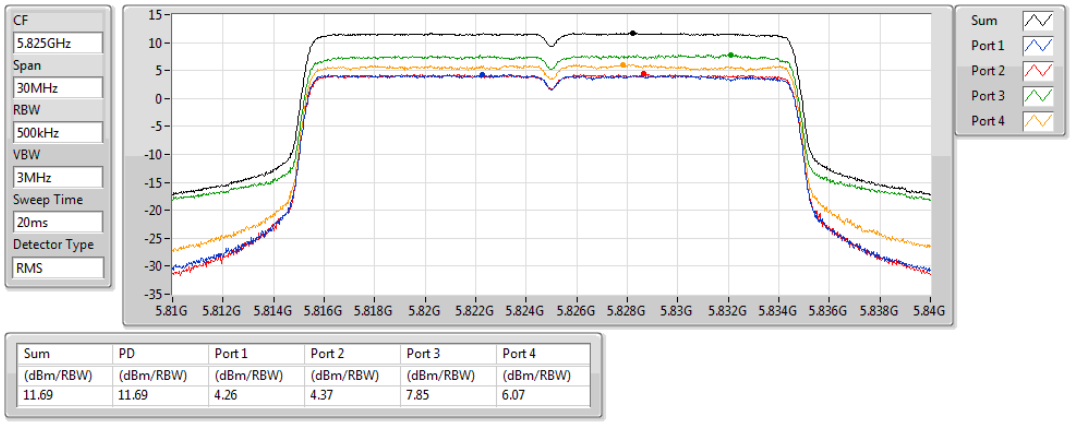
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.07	12.07	5.17	4.29	8.20	6.05

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

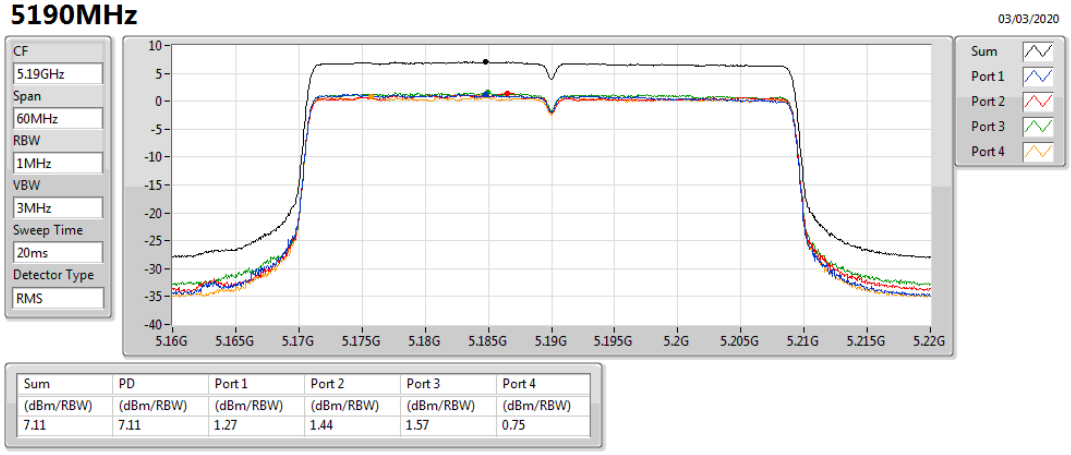
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.69	11.69	4.26	4.37	7.85	6.07

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

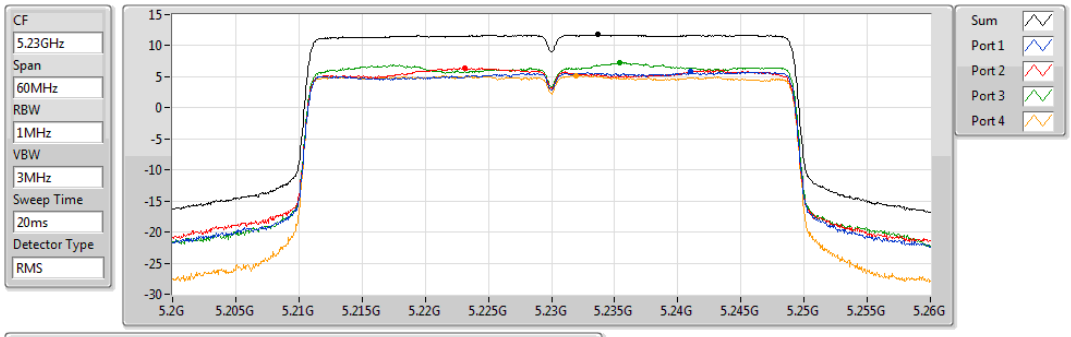
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.11	7.11	1.27	1.44	1.57	0.75

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

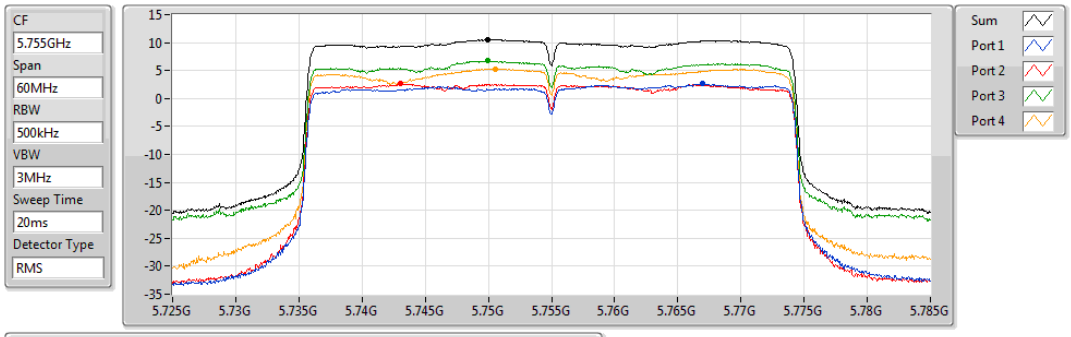
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.77	11.77	5.78	6.37	7.27	5.23

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

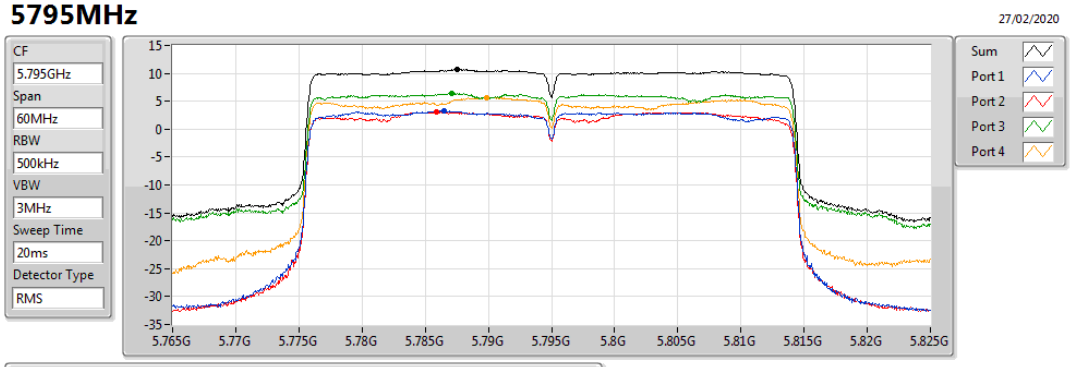
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.53	10.53	2.63	2.60	6.74	5.32

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

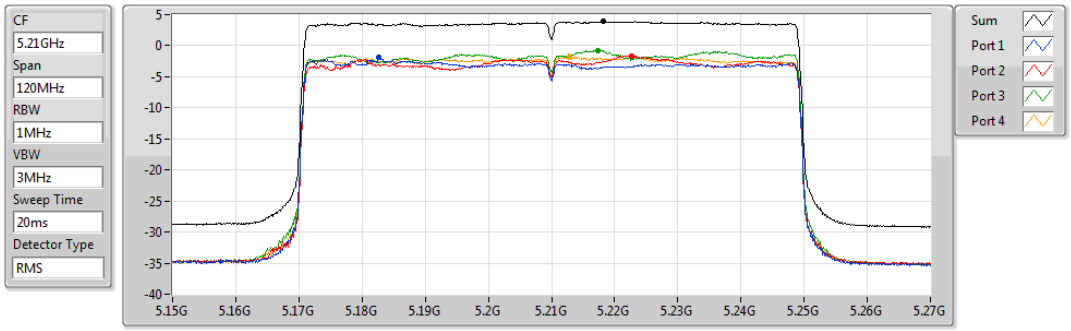
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.67	10.67	3.28	3.03	6.39	5.70

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

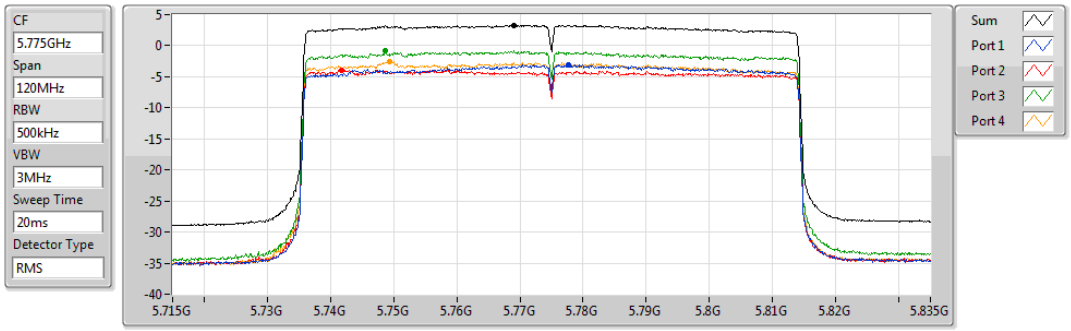
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.87	3.87	-1.85	-1.60	-0.76	-1.82

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

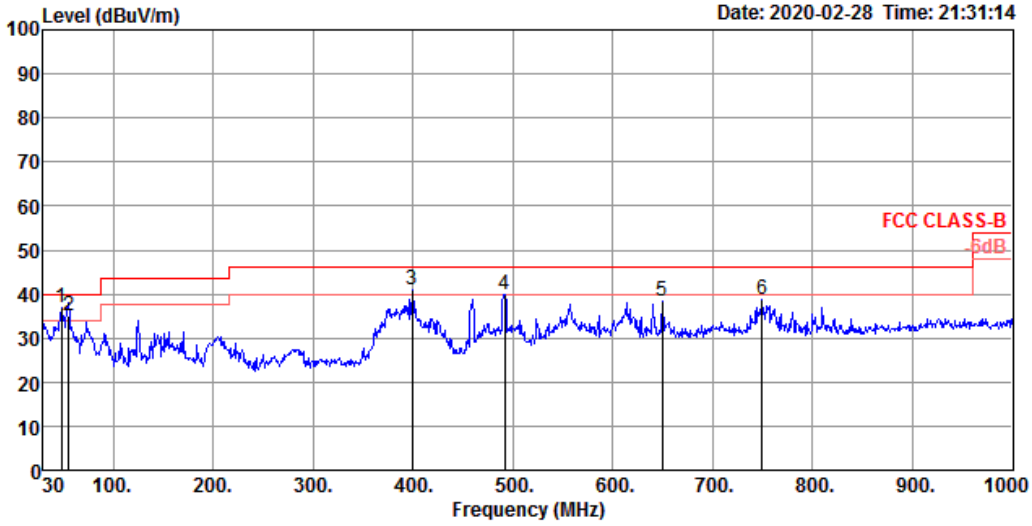
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.29	3.29	-3.07	-3.94	-0.79	-2.60

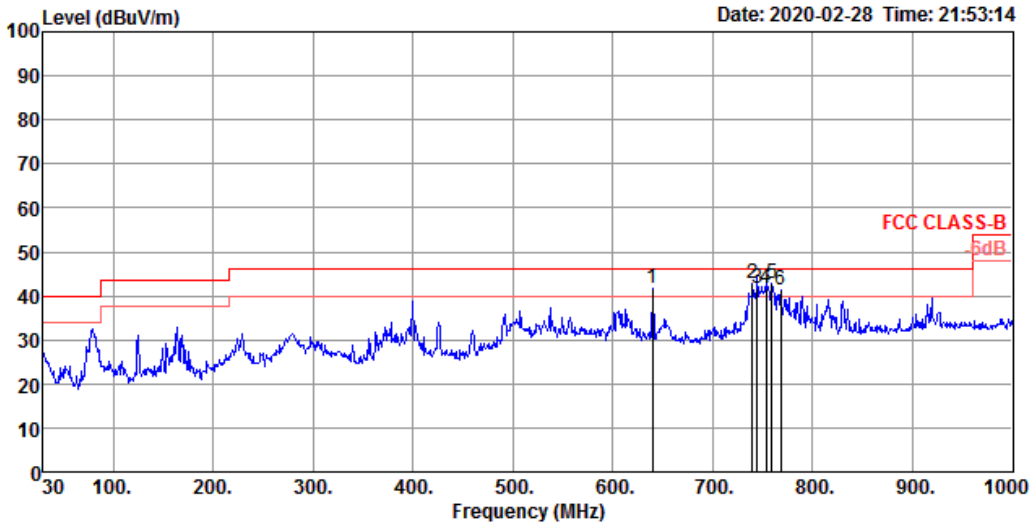
Test Mode	Mode 1	Frequency Range	30 MHz to 1,000 MHz

Vertical 30 MHz to 1,000 MHz



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	48.43	36.82	40.00	-3.18	52.14	0.92	15.46	31.70	100	226	Peak	VERTICAL
2	55.22	35.08	40.00	-4.92	52.34	0.92	13.62	31.80	100	24	QP	VERTICAL
3	399.57	40.97	46.00	-5.03	48.13	2.56	22.47	32.19	150	343	Peak	VERTICAL
4	491.72	39.94	46.00	-6.06	45.79	2.91	23.69	32.45	125	142	Peak	VERTICAL
5	649.83	38.46	46.00	-7.54	42.25	3.25	25.50	32.54	125	342	Peak	VERTICAL
6	749.74	38.73	46.00	-7.27	41.22	3.64	26.20	32.33	100	130	Peak	VERTICAL

Horizontal 30 MHz to 1,000 MHz



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	640.13	41.57	46.00	-4.43	45.41	3.26	25.40	32.50	150	74	Peak	HORIZONTAL
2	740.04	42.85	46.00	-3.15	45.52	3.61	26.08	32.36	100	160	Peak	HORIZONTAL
3	744.89	41.78	46.00	-4.22	44.36	3.63	26.14	32.35	189	100	QP	HORIZONTAL
4	753.62	41.55	46.00	-4.45	44.00	3.65	26.23	32.33	124	100	QP	HORIZONTAL
5	759.44	42.94	46.00	-3.06	45.30	3.66	26.31	32.33	300	71	Peak	HORIZONTAL
6	768.17	41.25	46.00	-4.75	43.51	3.67	26.39	32.32	200	94	Peak	HORIZONTAL

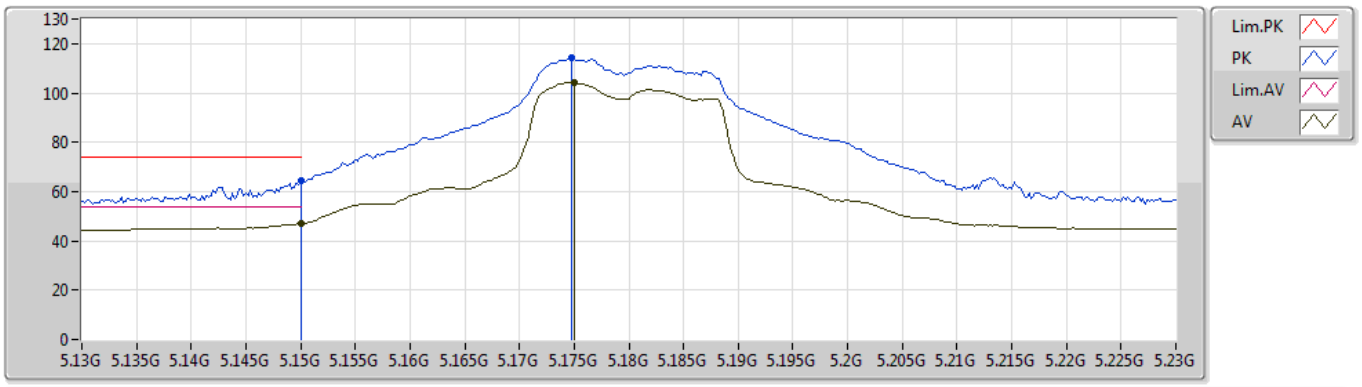
For non-beamforming mode:
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.1378G	53.98	54.00	-0.02	4.15	3	Horizontal	263	1.50	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

02/03/2020



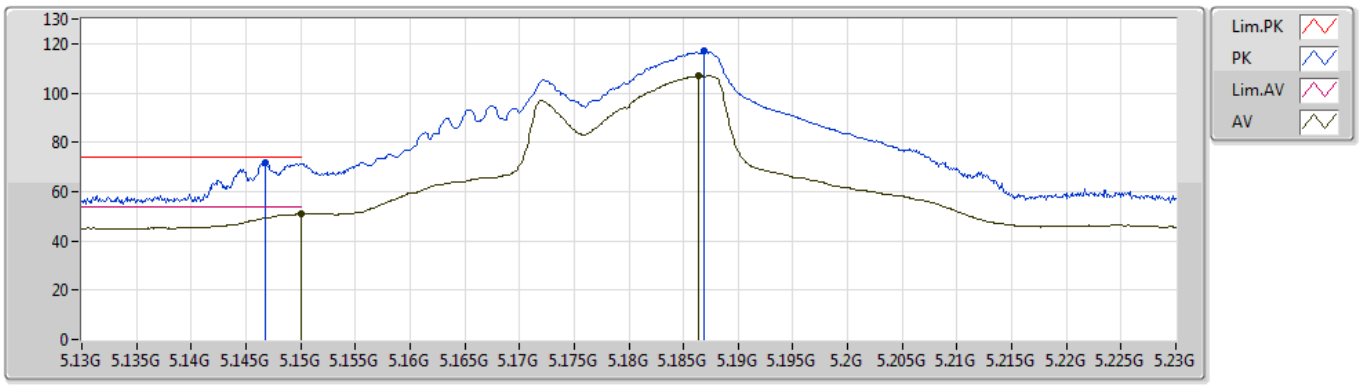
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.15G	64.23	74.00	-9.77	4.16	3	Vertical	39	1.40	-	60.07
AV	5.15G	47.03	54.00	-6.97	4.16	3	Vertical	39	1.40	-	42.87
PK	5.1748G	114.12	Inf	-Inf	4.20	3	Vertical	39	1.40	-	109.92
AV	5.175G	104.09	Inf	-Inf	4.21	3	Vertical	39	1.40	-	99.88

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

02/03/2020



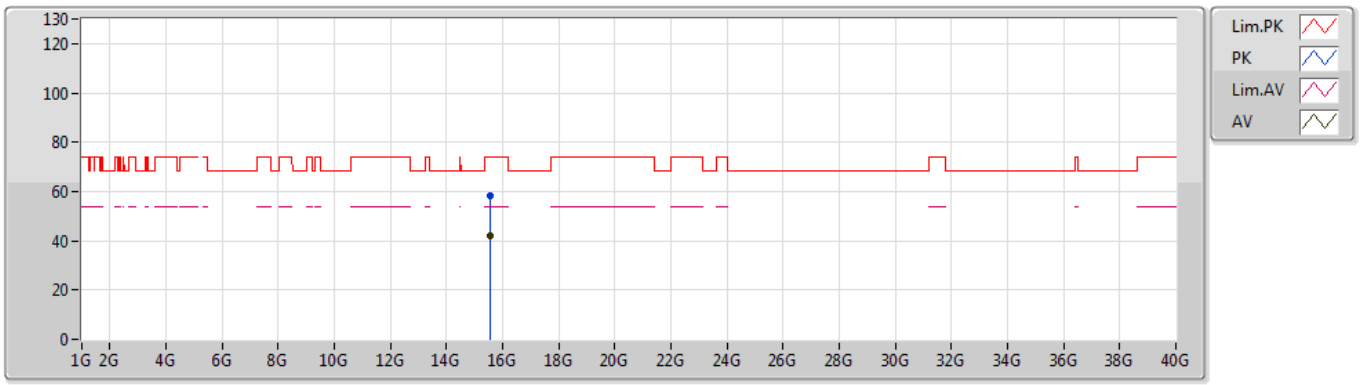
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1468G	71.78	74.00	-2.22	4.16	3	Horizontal	270	1.28	-	67.62
AV	5.15G	51.02	54.00	-2.98	4.16	3	Horizontal	270	1.28	-	46.86
PK	5.1869G	117.18	Inf	-Inf	4.22	3	Horizontal	270	1.28	-	112.96
AV	5.1864G	106.87	Inf	-Inf	4.22	3	Horizontal	270	1.28	-	102.65

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

02/03/2020



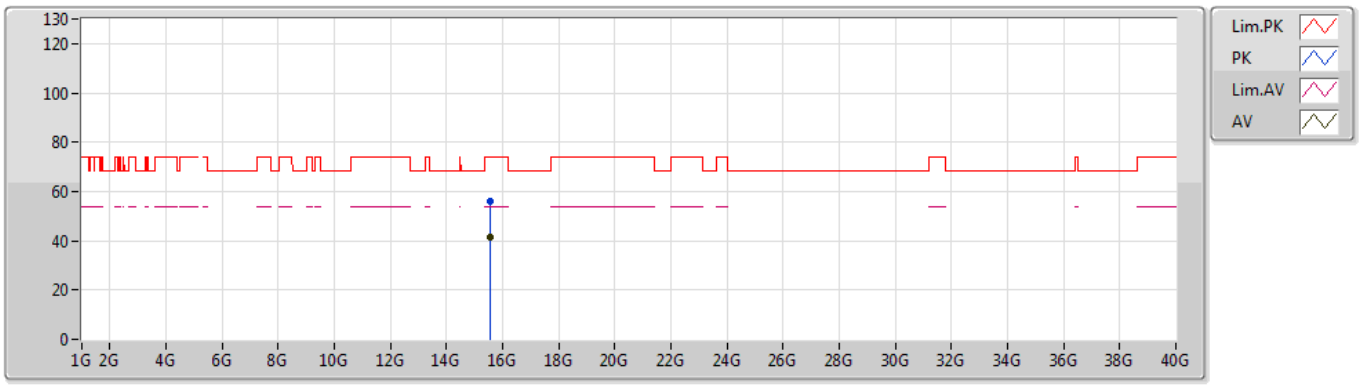
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.53938G	58.36	74.00	-15.64	11.41	3	Vertical	300	2.27	-	46.95
AV	15.54168G	41.90	54.00	-12.10	11.40	3	Vertical	300	2.27	-	30.50

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

02/03/2020



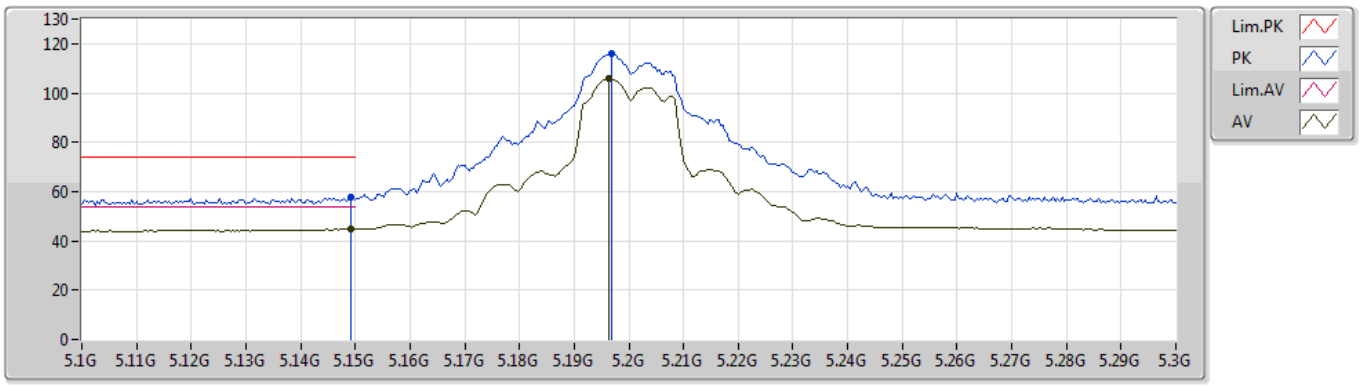
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.54204G	55.82	74.00	-18.18	11.40	3	Horizontal	285	2.76	-	44.42
AV	15.54428G	41.64	54.00	-12.36	11.40	3	Horizontal	285	2.76	-	30.24

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

02/03/2020



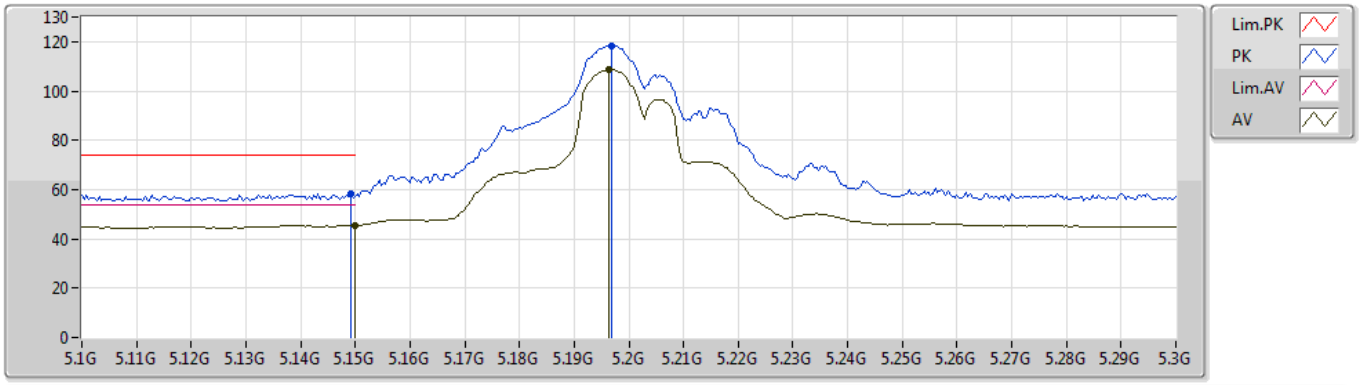
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1492G	57.54	74.00	-16.46	4.16	3	Vertical	48	1.38	-	53.38
AV	5.1492G	44.90	54.00	-9.10	4.16	3	Vertical	48	1.38	-	40.74
PK	5.1968G	115.90	Inf	-Inf	4.24	3	Vertical	48	1.38	-	111.66
AV	5.1964G	105.89	Inf	-Inf	4.24	3	Vertical	48	1.38	-	101.65

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

02/03/2020



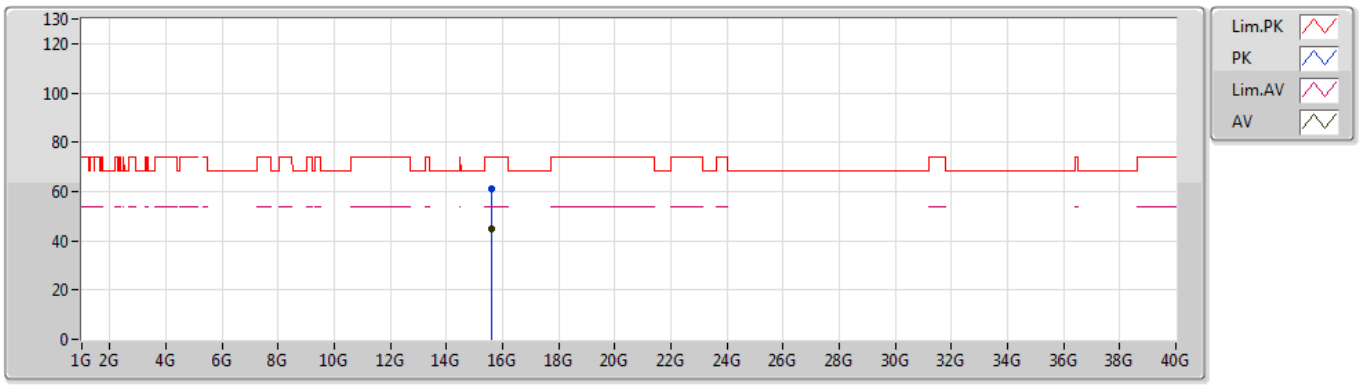
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1492G	58.44	74.00	-15.56	4.16	3	Horizontal	243	1.28	-	54.28
AV	5.15G	45.47	54.00	-8.53	4.16	3	Horizontal	243	1.28	-	41.31
PK	5.1968G	118.45	Inf	-Inf	4.24	3	Horizontal	243	1.28	-	114.21
AV	5.1964G	108.64	Inf	-Inf	4.24	3	Horizontal	243	1.28	-	104.40

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

02/03/2020



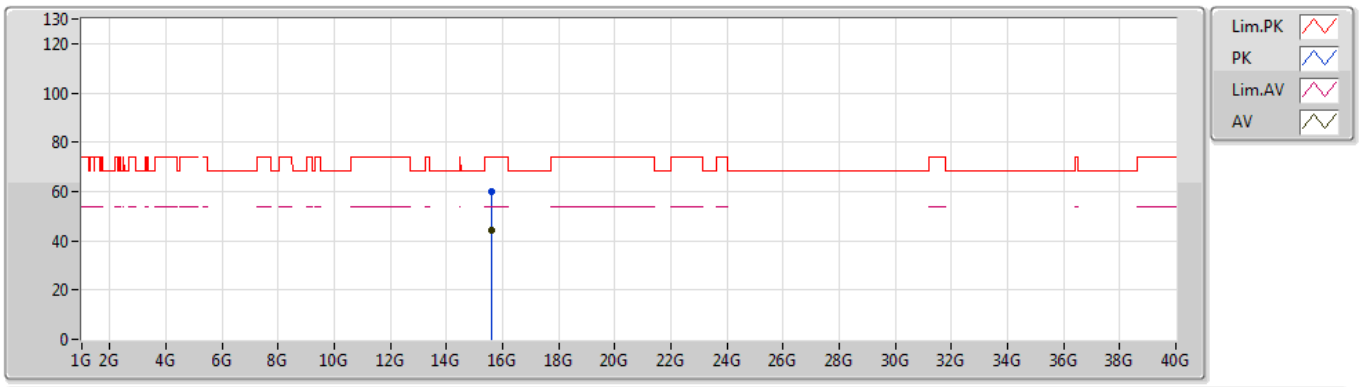
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.60054G	61.24	74.00	-12.76	11.32	3	Vertical	299	2.33	-	49.92
AV	15.59934G	45.09	54.00	-8.91	11.32	3	Vertical	299	2.33	-	33.77

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

02/03/2020



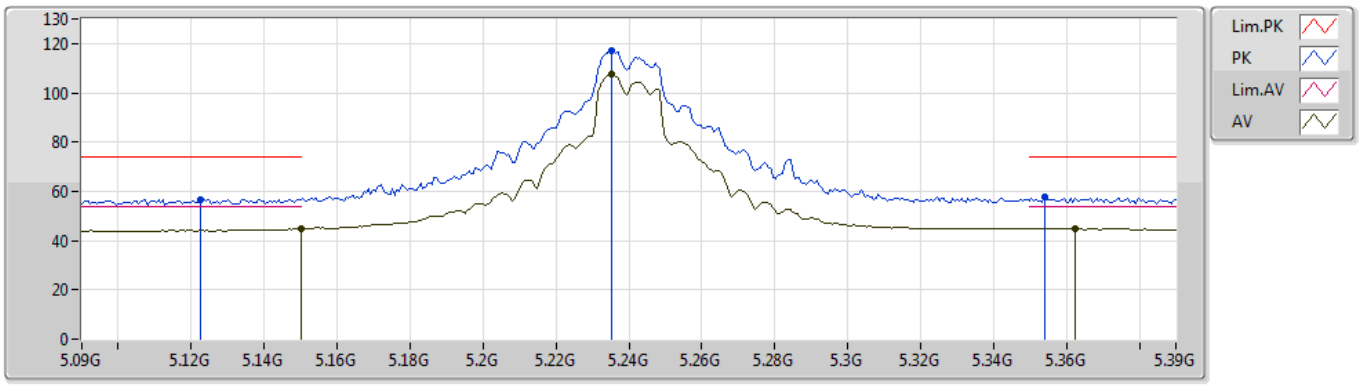
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.59676G	59.89	74.00	-14.11	11.32	3	Horizontal	301	2.23	-	48.57
AV	15.59946G	44.18	54.00	-9.82	11.32	3	Horizontal	301	2.23	-	32.86

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

02/03/2020



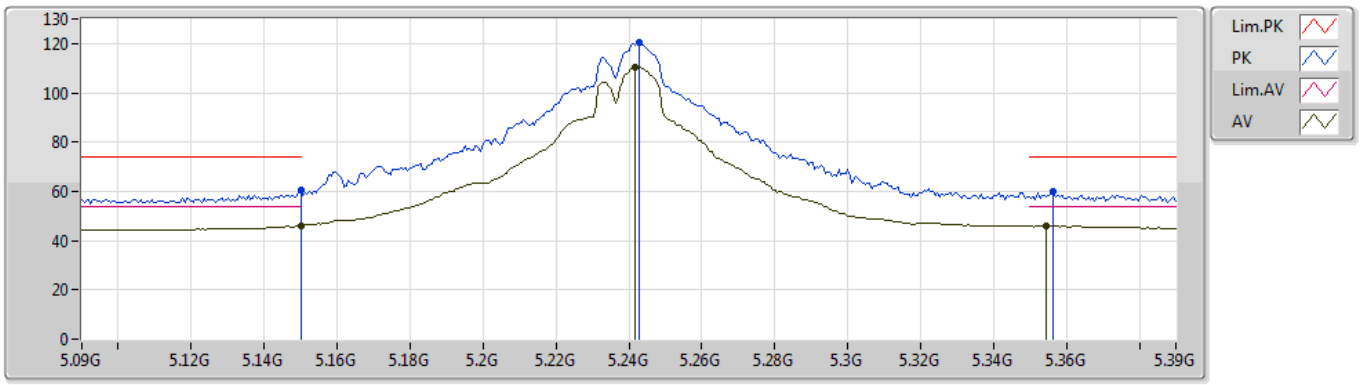
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1224G	56.82	74.00	-17.18	4.12	3	Vertical	41	1.27	-	52.70
AV	5.15G	44.77	54.00	-9.23	4.16	3	Vertical	41	1.27	-	40.61
PK	5.2352G	117.29	Inf	-Inf	4.30	3	Vertical	41	1.27	-	112.99
AV	5.2352G	107.55	Inf	-Inf	4.30	3	Vertical	41	1.27	-	103.25
PK	5.354G	57.47	74.00	-16.53	4.57	3	Vertical	41	1.27	-	52.90
AV	5.3624G	44.85	54.00	-9.15	4.60	3	Vertical	41	1.27	-	40.25

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

02/03/2020



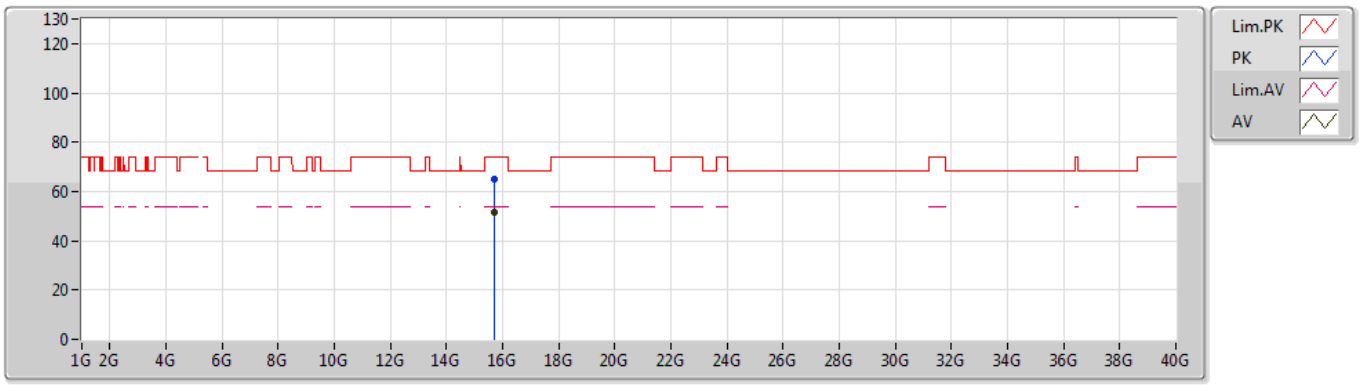
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.15G	60.52	74.00	-13.48	4.16	3	Horizontal	226	1.61	-	56.36
AV	5.15G	45.93	54.00	-8.07	4.16	3	Horizontal	226	1.61	-	41.77
PK	5.243G	120.28	Inf	-Inf	4.30	3	Horizontal	226	1.61	-	115.98
AV	5.2418G	110.56	Inf	-Inf	4.30	3	Horizontal	226	1.61	-	106.26
PK	5.3564G	60.13	74.00	-13.87	4.58	3	Horizontal	226	1.61	-	55.55
AV	5.3546G	45.97	54.00	-8.03	4.57	3	Horizontal	226	1.61	-	41.40

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

02/03/2020



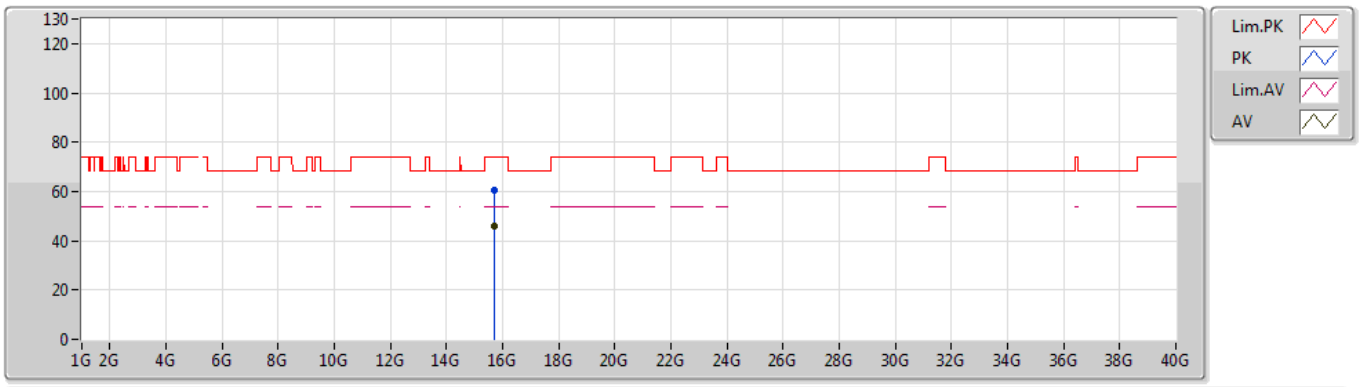
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.71904G	65.15	74.00	-8.85	11.15	3	Vertical	295	2.32	-	54.00
AV	15.71908G	51.78	54.00	-2.22	11.15	3	Vertical	295	2.32	-	40.63

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

02/03/2020



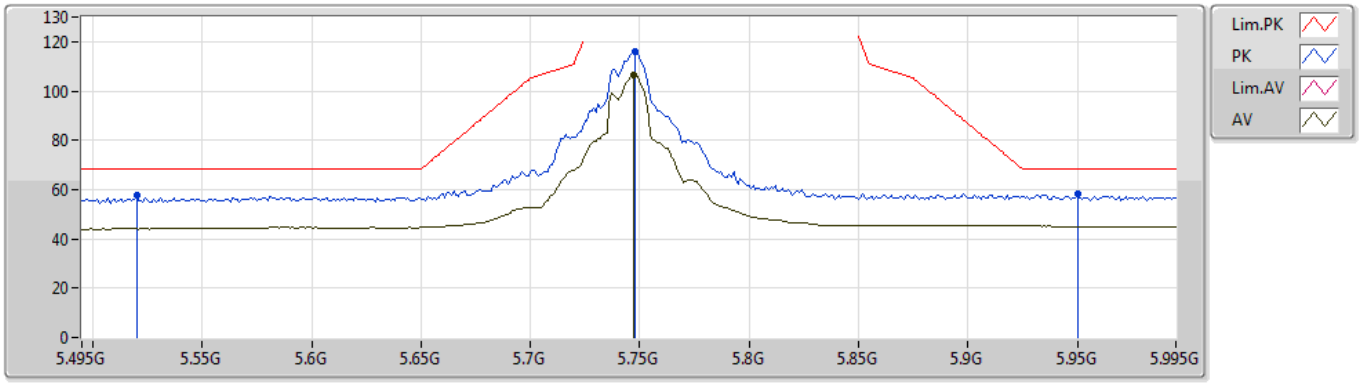
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.71664G	60.56	74.00	-13.44	11.15	3	Horizontal	302	2.24	-	49.41
AV	15.7179G	45.86	54.00	-8.14	11.15	3	Horizontal	302	2.24	-	34.71

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

02/03/2020



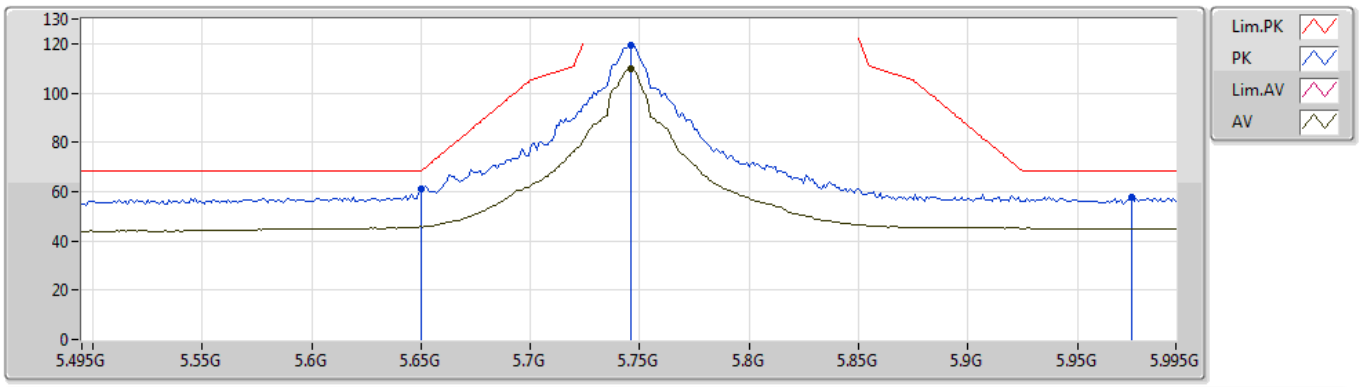
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.52G	57.65	68.20	-10.55	5.31	3	Vertical	328	1.25	-	52.34
PK	5.748G	115.99	Inf	-Inf	5.69	3	Vertical	328	1.25	-	110.30
AV	5.747G	106.53	Inf	-Inf	5.68	3	Vertical	328	1.25	-	100.85
PK	5.95G	58.03	68.20	-10.17	6.50	3	Vertical	328	1.25	-	51.53

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

02/03/2020



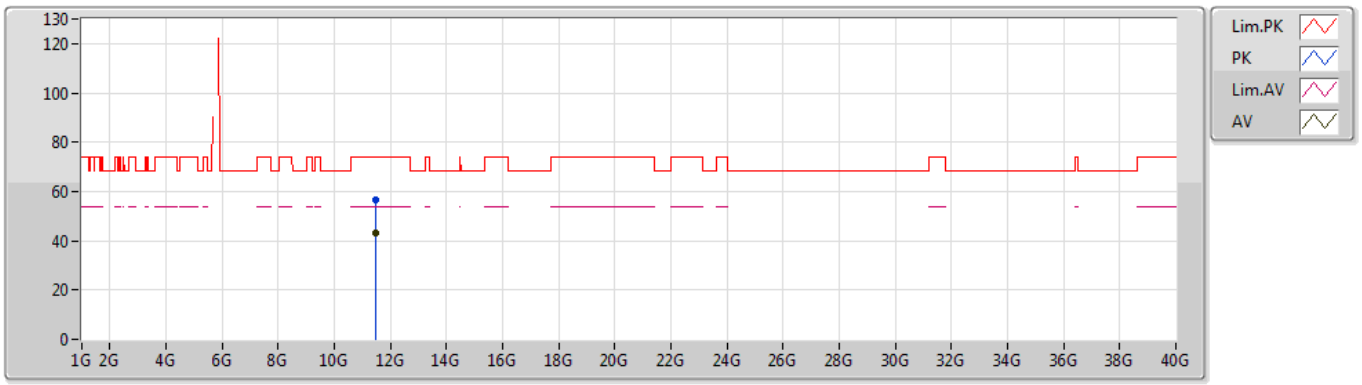
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.65G	61.02	68.20	-7.18	5.61	3	Horizontal	238	1.50	-	55.41
PK	5.746G	119.32	Inf	-Inf	5.68	3	Horizontal	238	1.50	-	113.64
AV	5.746G	109.91	Inf	-Inf	5.68	3	Horizontal	238	1.50	-	104.23
PK	5.975G	57.68	68.20	-10.52	6.60	3	Horizontal	238	1.50	-	51.08

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

02/03/2020



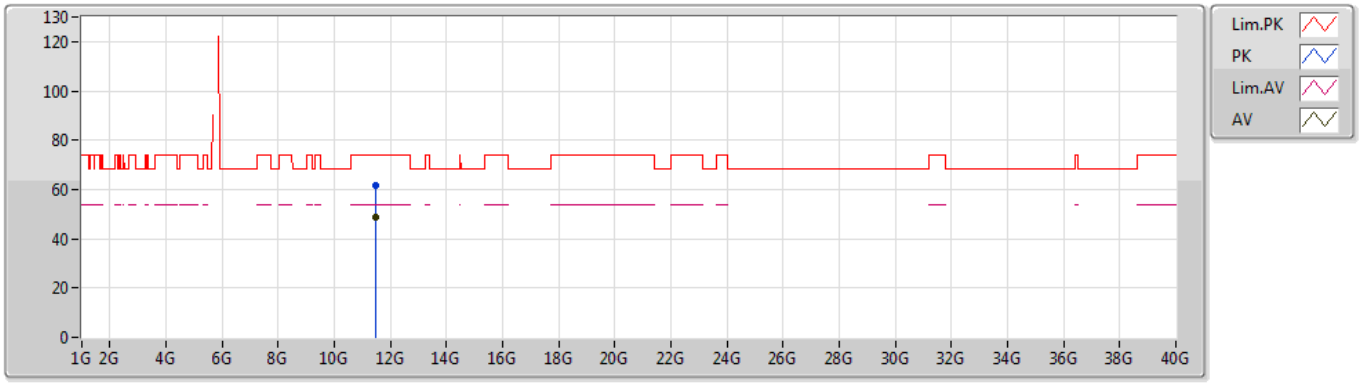
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.4873G	56.51	74.00	-17.49	11.69	3	Vertical	123	1.50	-	44.82
AV	11.4858G	43.04	54.00	-10.96	11.69	3	Vertical	123	1.50	-	31.35

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

02/03/2020



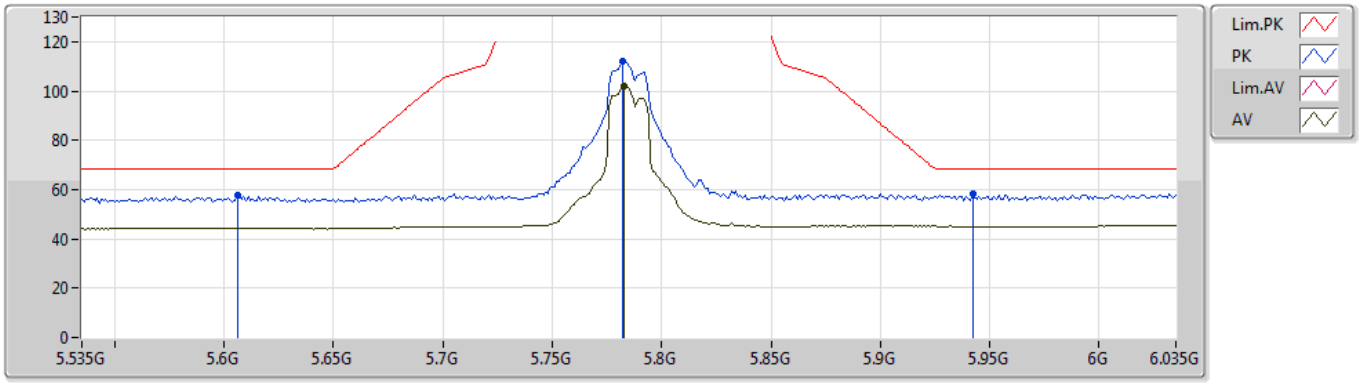
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.48682G	61.76	74.00	-12.24	11.69	3	Horizontal	55	1.29	-	50.07
AV	11.48784G	48.84	54.00	-5.16	11.69	3	Horizontal	55	1.29	-	37.15

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

02/03/2020



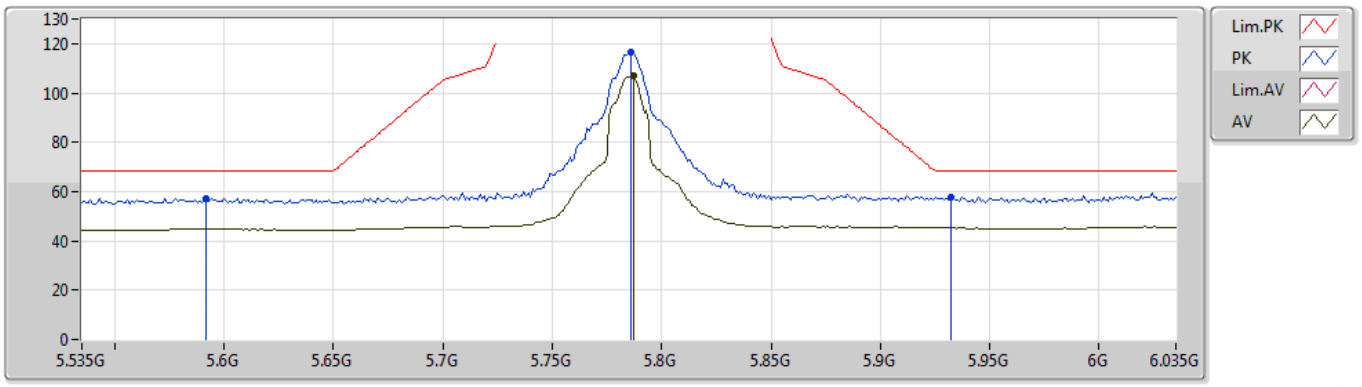
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.606G	57.55	68.20	-10.65	5.60	3	Vertical	61	1.50	-	51.95
PK	5.782G	111.84	Inf	-Inf	5.72	3	Vertical	61	1.50	-	106.12
AV	5.783G	101.85	Inf	-Inf	5.73	3	Vertical	61	1.50	-	96.12
PK	5.942G	58.30	68.20	-9.90	6.48	3	Vertical	61	1.50	-	51.82

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

02/03/2020



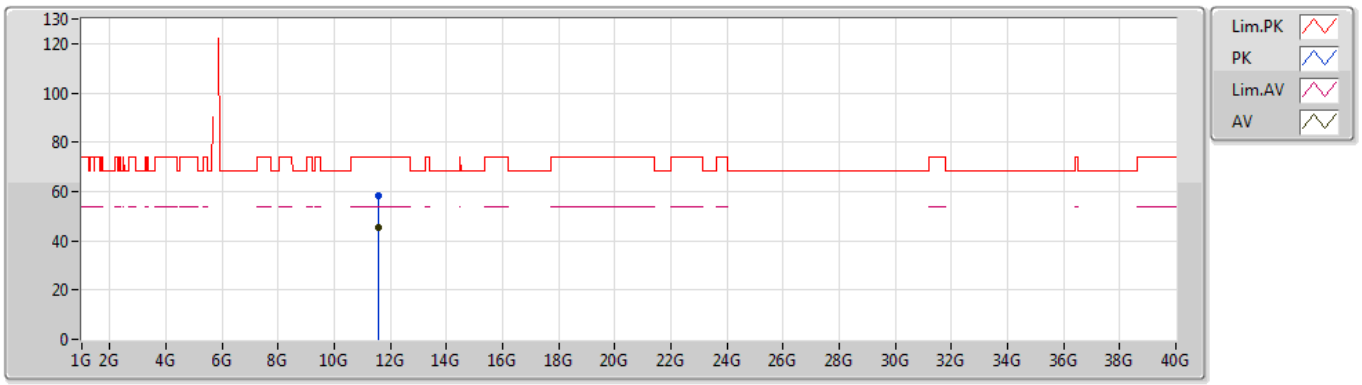
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.592G	57.14	68.20	-11.06	5.56	3	Horizontal	239	1.44	-	51.58
PK	5.786G	116.47	Inf	-Inf	5.72	3	Horizontal	239	1.44	-	110.75
AV	5.787G	107.02	Inf	-Inf	5.72	3	Horizontal	239	1.44	-	101.30
PK	5.932G	57.72	68.20	-10.48	6.44	3	Horizontal	239	1.44	-	51.28

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

02/03/2020



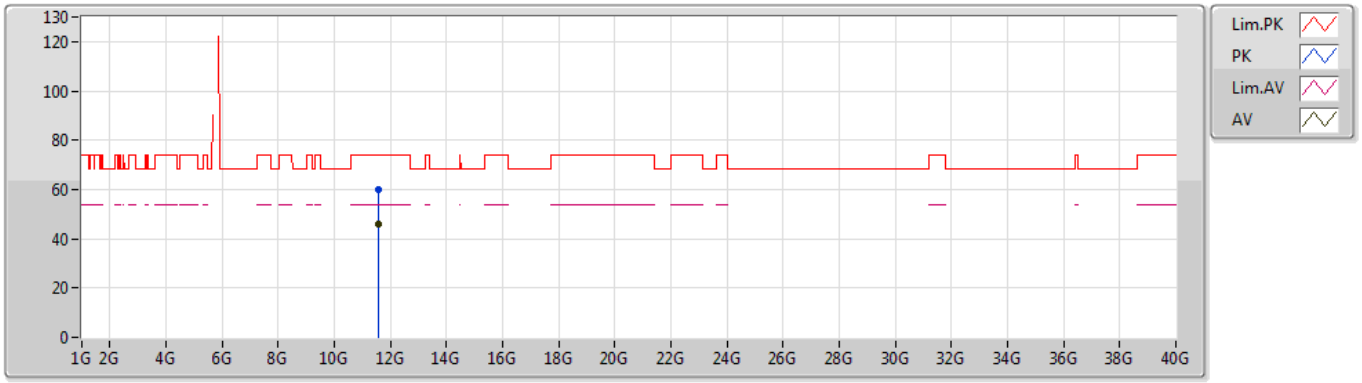
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.56694G	58.13	74.00	-15.87	11.59	3	Vertical	261	2.23	-	46.54
AV	11.5679G	45.14	54.00	-8.86	11.59	3	Vertical	261	2.23	-	33.55

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

02/03/2020



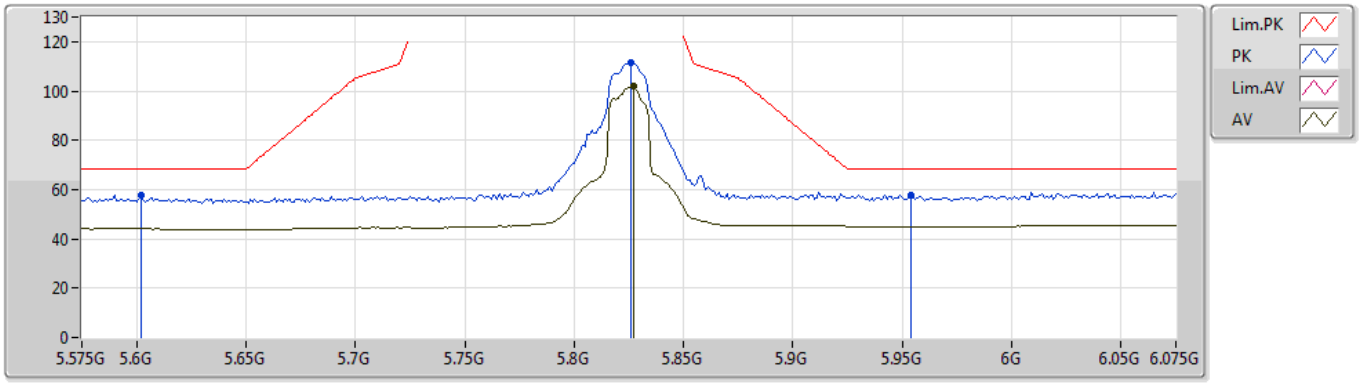
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.58008G	60.17	74.00	-13.83	11.57	3	Horizontal	134	1.41	-	48.60
AV	11.56346G	45.84	54.00	-8.16	11.59	3	Horizontal	134	1.41	-	34.25

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

02/03/2020



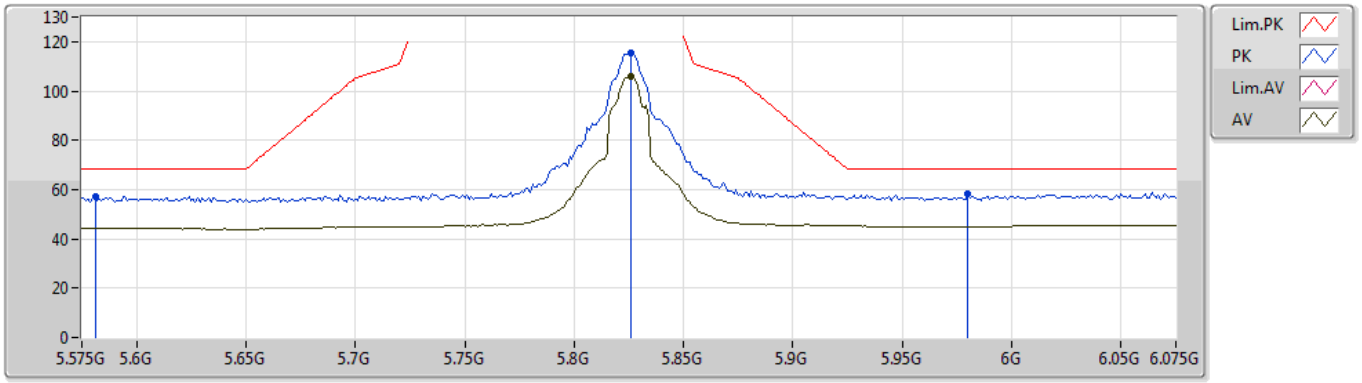
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.602G	57.66	68.20	-10.54	5.59	3	Vertical	331	1.07	-	52.07
PK	5.826G	111.69	Inf	-Inf	5.89	3	Vertical	331	1.07	-	105.80
AV	5.827G	101.94	Inf	-Inf	5.89	3	Vertical	331	1.07	-	96.05
PK	5.954G	57.70	68.20	-10.50	6.52	3	Vertical	331	1.07	-	51.18

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

02/03/2020



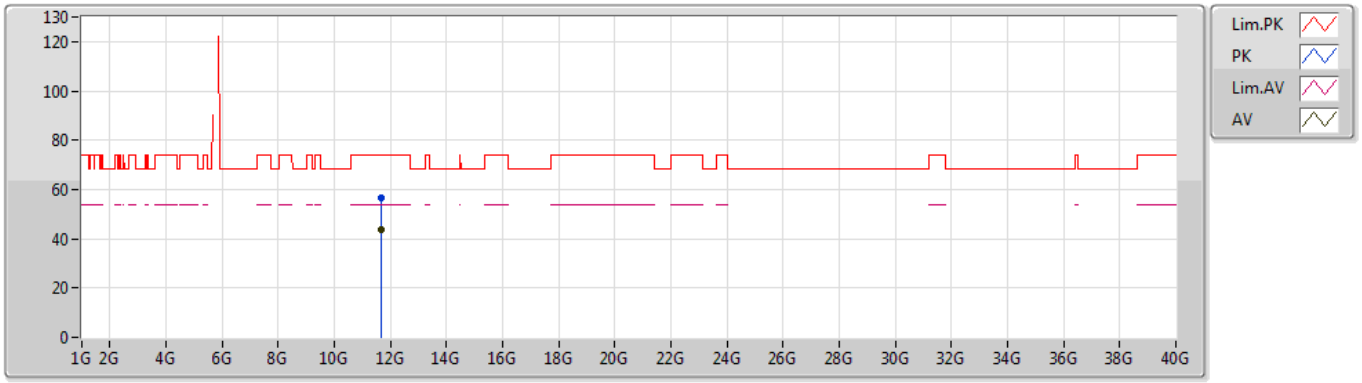
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.581G	57.34	68.20	-10.86	5.53	3	Horizontal	241	1.47	-	51.81
PK	5.826G	115.71	Inf	-Inf	5.89	3	Horizontal	241	1.47	-	109.82
AV	5.826G	106.16	Inf	-Inf	5.89	3	Horizontal	241	1.47	-	100.27
PK	5.98G	58.24	68.20	-9.96	6.62	3	Horizontal	241	1.47	-	51.62

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

02/03/2020



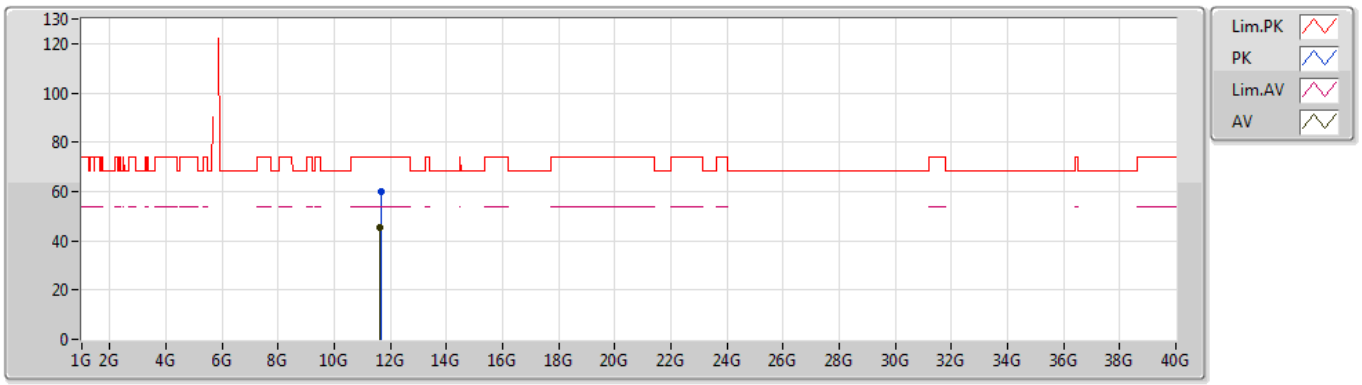
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.65078G	56.84	74.00	-17.16	11.48	3	Vertical	262	2.15	-	45.36
AV	11.64796G	43.71	54.00	-10.29	11.49	3	Vertical	262	2.15	-	32.22

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

02/03/2020



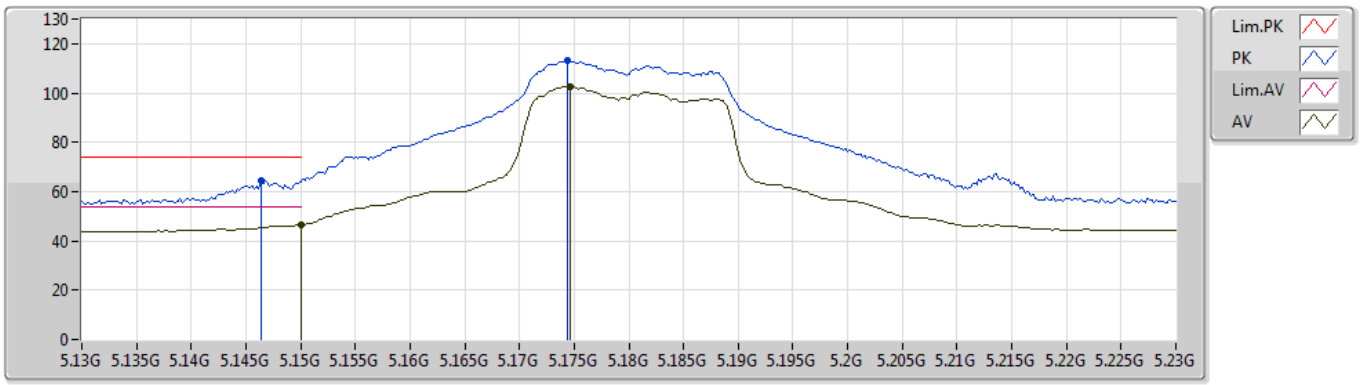
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.6602G	60.00	74.00	-14.00	11.47	3	Horizontal	139	1.50	-	48.53
AV	11.6434G	45.55	54.00	-8.45	11.49	3	Horizontal	139	1.50	-	34.06

802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz_TX

02/03/2020



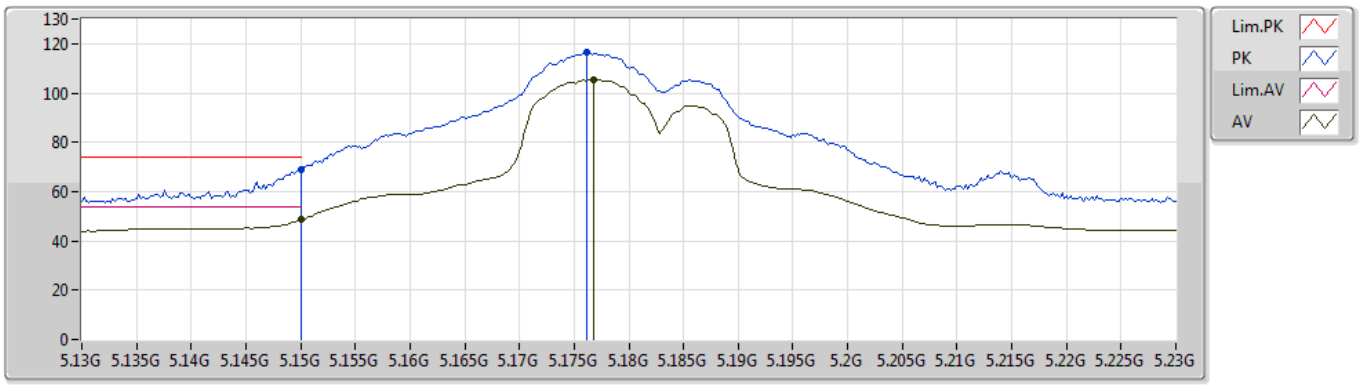
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1464G	64.25	74.00	-9.75	4.16	3	Vertical	36	1.50	-	60.09
AV	5.15G	46.52	54.00	-7.48	4.16	3	Vertical	36	1.50	-	42.36
PK	5.1744G	113.23	Inf	-Inf	4.20	3	Vertical	36	1.50	-	109.03
AV	5.1746G	102.71	Inf	-Inf	4.20	3	Vertical	36	1.50	-	98.51

802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz_TX

02/03/2020



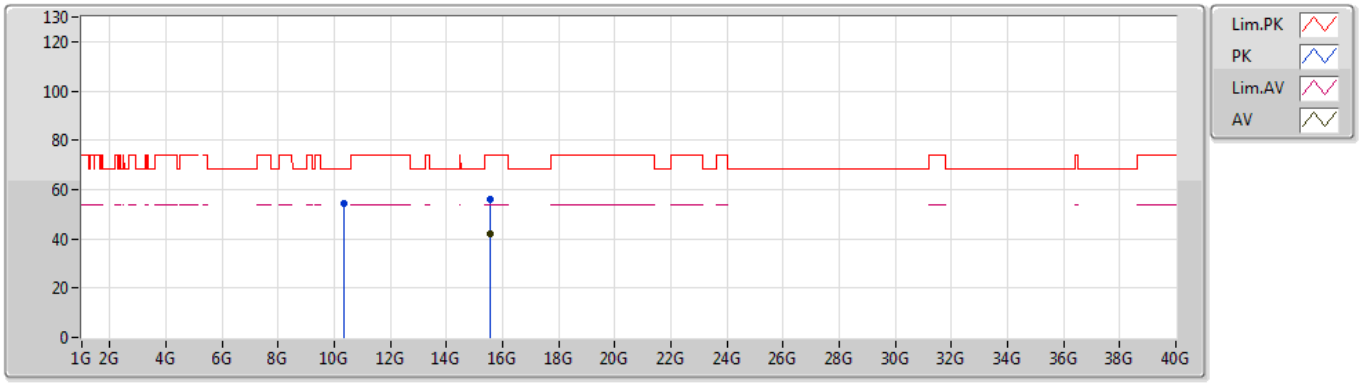
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.15G	68.65	74.00	-5.35	4.16	3	Horizontal	241	1.47	-	64.49
AV	5.15G	48.64	54.00	-5.36	4.16	3	Horizontal	241	1.47	-	44.48
PK	5.1762G	116.66	Inf	-Inf	4.21	3	Horizontal	241	1.47	-	112.45
AV	5.1768G	105.58	Inf	-Inf	4.21	3	Horizontal	241	1.47	-	101.37

802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz_TX

02/03/2020



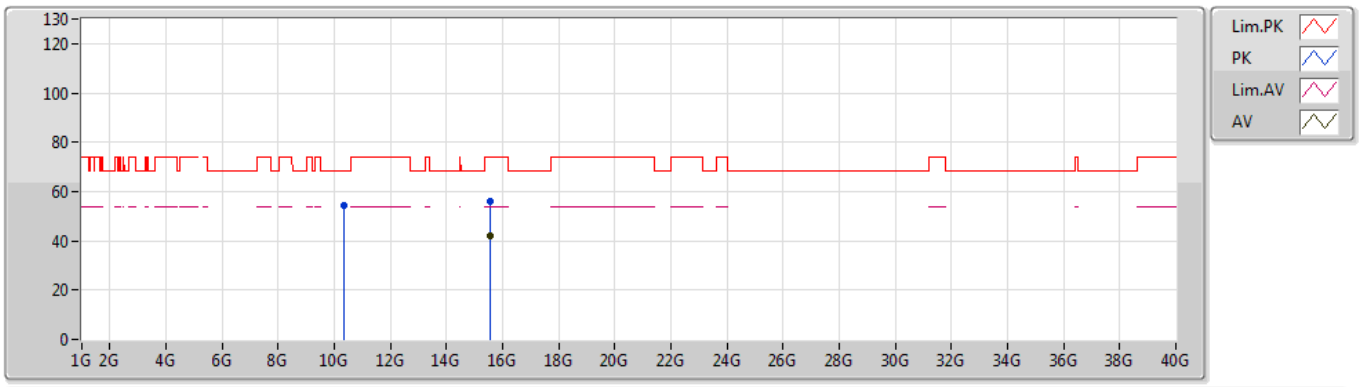
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.34782G	54.23	68.20	-13.97	12.22	3	Vertical	81	1.18	-	42.01
PK	15.55164G	56.02	74.00	-17.98	11.39	3	Vertical	333	2.80	-	44.63
AV	15.55362G	41.81	54.00	-12.19	11.39	3	Vertical	333	2.80	-	30.42

802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz_TX

02/03/2020



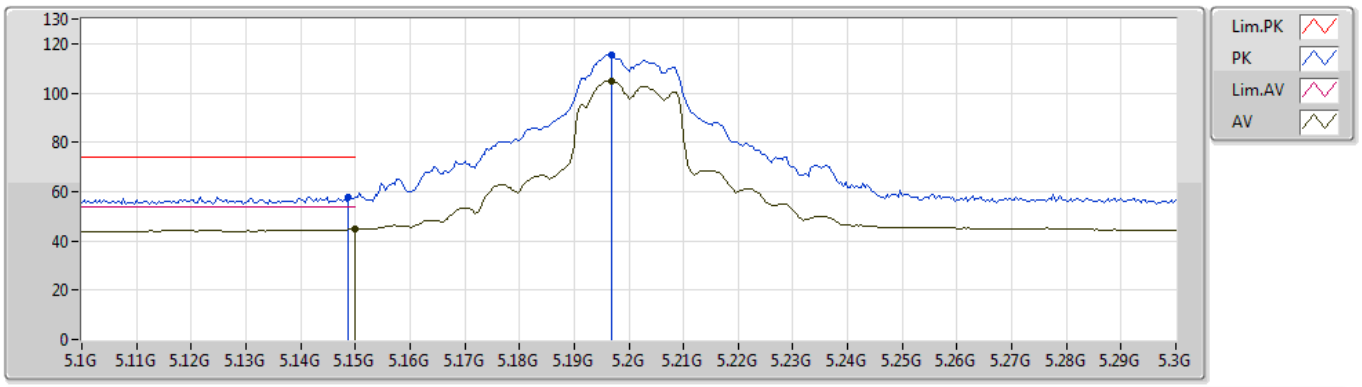
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.35226G	54.13	68.20	-14.07	12.22	3	Horizontal	301	1.31	-	41.91
PK	15.55332G	56.11	74.00	-17.89	11.39	3	Horizontal	237	1.03	-	44.72
AV	15.552G	42.01	54.00	-11.99	11.39	3	Horizontal	237	1.03	-	30.62

802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz_TX

02/03/2020



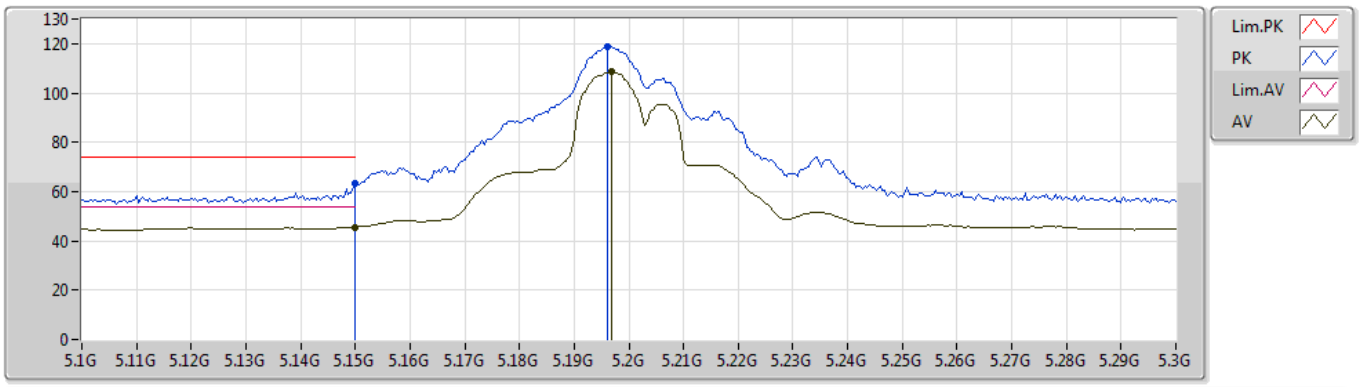
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1488G	57.96	74.00	-16.04	4.16	3	Vertical	47	1.50	-	53.80
AV	5.15G	44.78	54.00	-9.22	4.16	3	Vertical	47	1.50	-	40.62
PK	5.1968G	115.42	Inf	-Inf	4.24	3	Vertical	47	1.50	-	111.18
AV	5.1968G	104.88	Inf	-Inf	4.24	3	Vertical	47	1.50	-	100.64

802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz_TX

02/03/2020



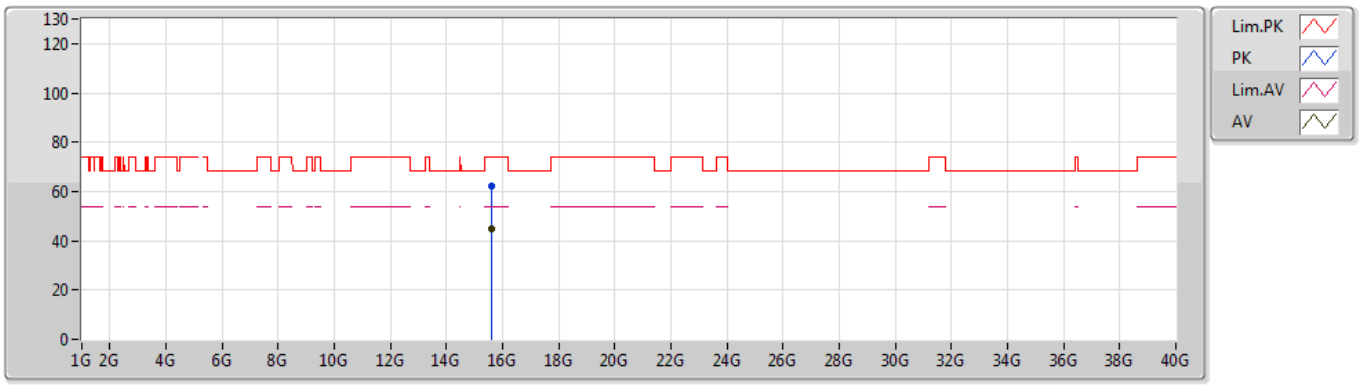
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.15G	63.10	74.00	-10.90	4.16	3	Horizontal	242	1.40	-	58.94
AV	5.15G	45.48	54.00	-8.52	4.16	3	Horizontal	242	1.40	-	41.32
PK	5.196G	119.06	Inf	-Inf	4.24	3	Horizontal	242	1.40	-	114.82
AV	5.1968G	108.46	Inf	-Inf	4.24	3	Horizontal	242	1.40	-	104.22

802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz_TX

02/03/2020



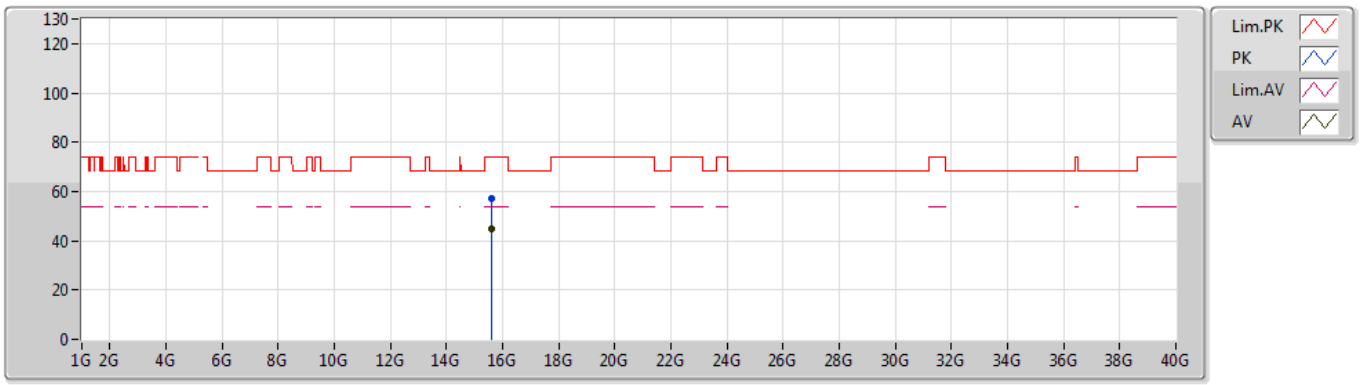
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.59892G	62.26	74.00	-11.74	11.32	3	Vertical	300	2.31	-	50.94
AV	15.59904G	44.69	54.00	-9.31	11.32	3	Vertical	300	2.31	-	33.37

802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz_TX

02/03/2020



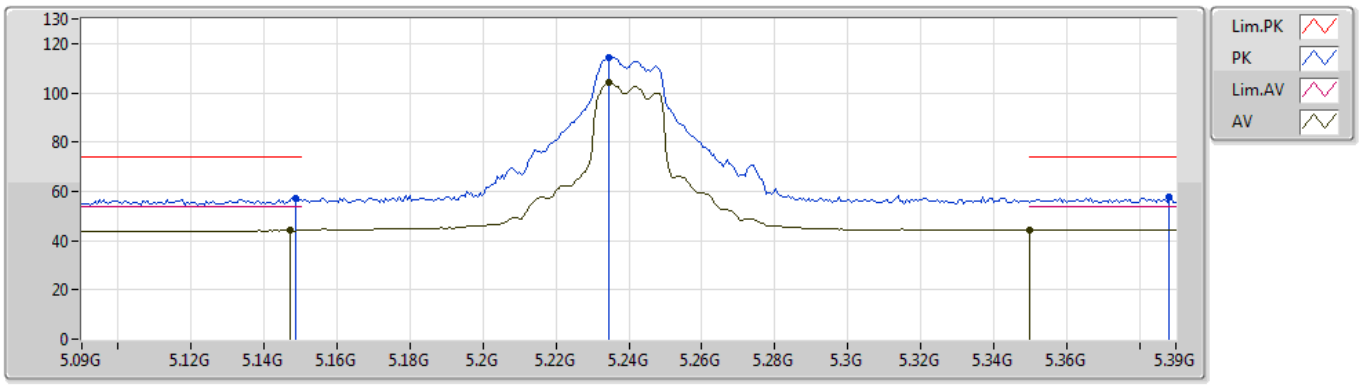
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.6G	57.30	74.00	-16.70	11.32	3	Horizontal	155	1.71	-	45.98
AV	15.60006G	44.56	54.00	-9.44	11.32	3	Horizontal	155	1.71	-	33.24

802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz_TX

02/03/2020



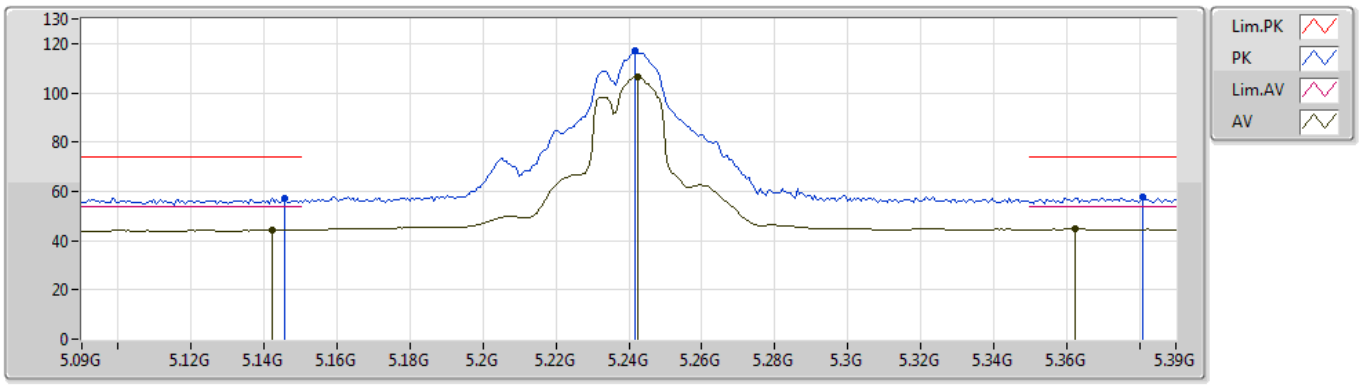
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1488G	57.41	74.00	-16.59	4.16	3	Vertical	38	1.53	-	53.25
AV	5.147G	44.13	54.00	-9.87	4.16	3	Vertical	38	1.53	-	39.97
PK	5.2346G	114.48	Inf	-Inf	4.29	3	Vertical	38	1.53	-	110.19
AV	5.2346G	104.21	Inf	-Inf	4.29	3	Vertical	38	1.53	-	99.92
PK	5.3882G	57.46	74.00	-16.54	4.68	3	Vertical	38	1.53	-	52.78
AV	5.35G	44.48	54.00	-9.52	4.56	3	Vertical	38	1.53	-	39.92

802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz_TX

02/03/2020



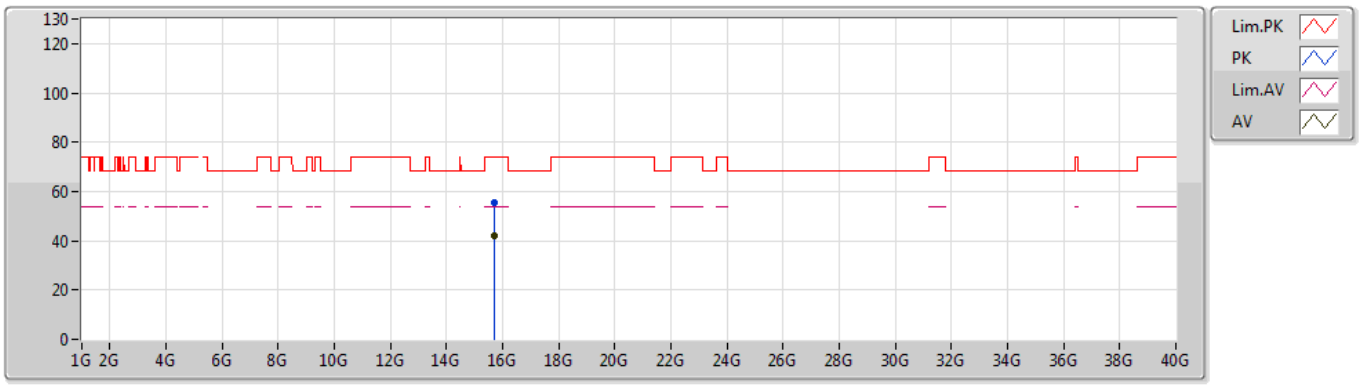
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1458G	57.28	74.00	-16.72	4.16	3	Horizontal	224	1.63	-	53.12
AV	5.1422G	44.37	54.00	-9.63	4.15	3	Horizontal	224	1.63	-	40.22
PK	5.2418G	117.21	Inf	-Inf	4.30	3	Horizontal	224	1.63	-	112.91
AV	5.2424G	106.67	Inf	-Inf	4.30	3	Horizontal	224	1.63	-	102.37
PK	5.381G	57.60	74.00	-16.40	4.66	3	Horizontal	224	1.63	-	52.94
AV	5.3624G	44.82	54.00	-9.18	4.60	3	Horizontal	224	1.63	-	40.22

802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz_TX

02/03/2020



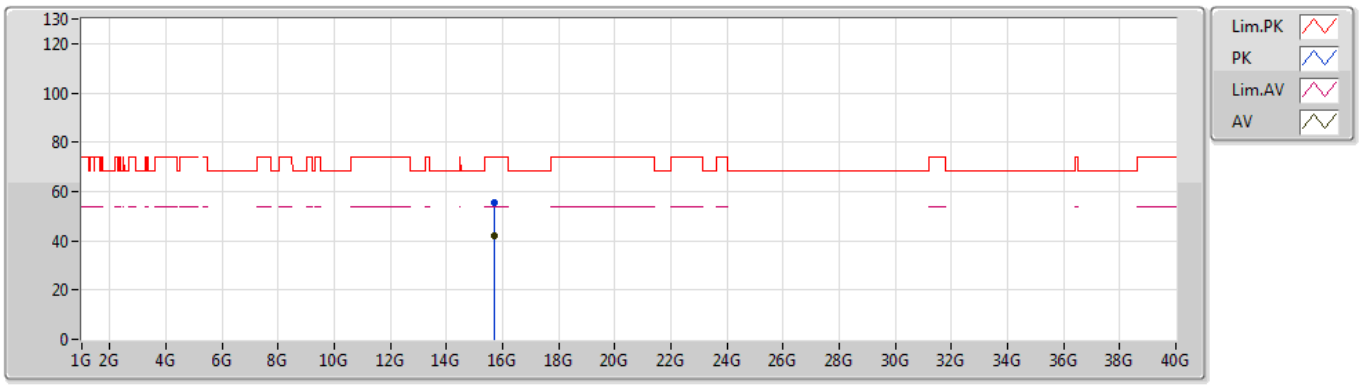
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.7069G	55.46	74.00	-18.54	11.17	3	Vertical	172	2.86	-	44.29
AV	15.699G	42.23	54.00	-11.77	11.19	3	Vertical	172	2.86	-	31.04

802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz_TX

02/03/2020



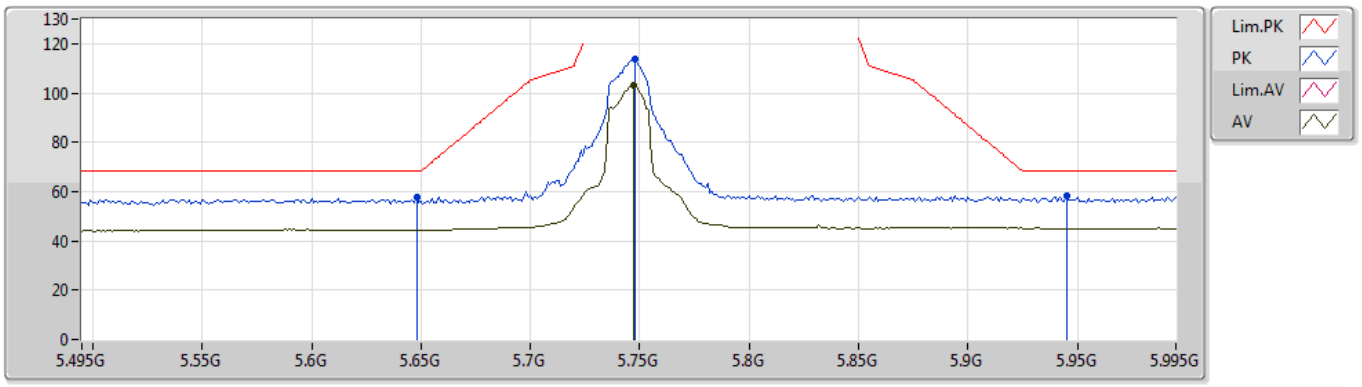
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.6969G	55.33	74.00	-18.67	11.19	3	Horizontal	246	1.50	-	44.14
AV	15.697G	41.98	54.00	-12.02	11.19	3	Horizontal	246	1.50	-	30.79

802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz_TX

02/03/2020



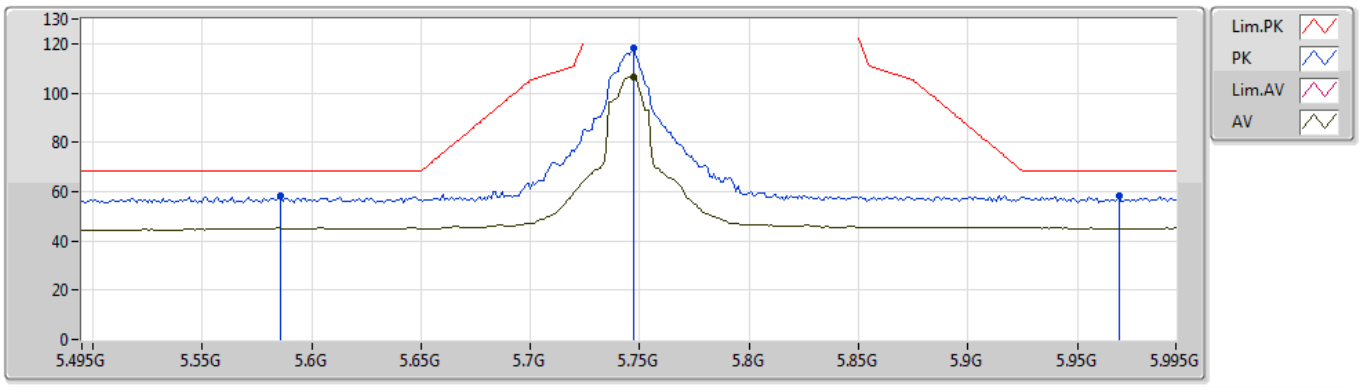
EUT Y_4TX
04-F-B-4-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.648G	57.59	68.20	-10.61	5.61	3	Vertical	330	1.23	-	51.98
PK	5.748G	113.83	Inf	-Inf	5.69	3	Vertical	330	1.23	-	108.14
AV	5.747G	103.37	Inf	-Inf	5.68	3	Vertical	330	1.23	-	97.69
PK	5.945G	58.21	68.20	-9.99	6.49	3	Vertical	330	1.23	-	51.72

802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz_TX

02/03/2020



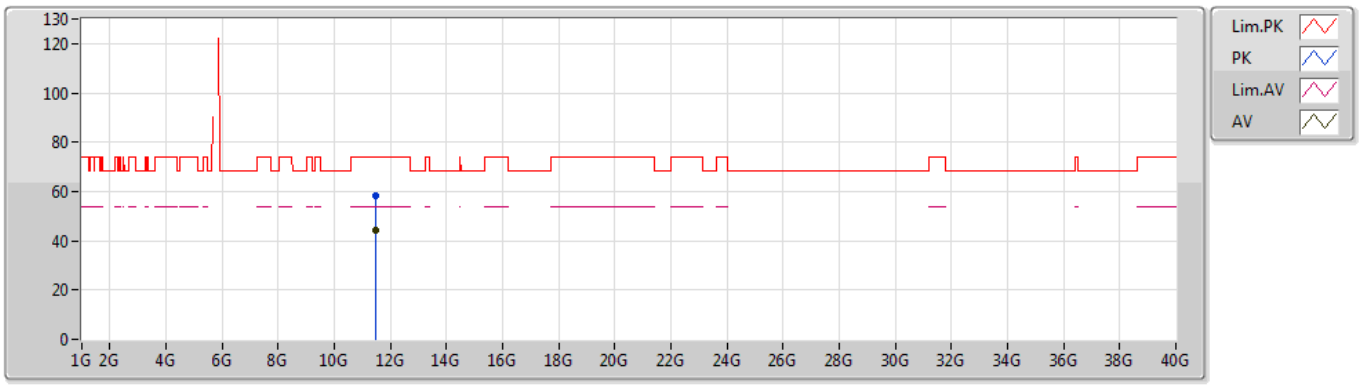
EUT Y_4TX
04-F-B-4-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.586G	58.23	68.20	-9.97	5.53	3	Horizontal	236	1.42	-	52.70
PK	5.747G	118.06	Inf	-Inf	5.68	3	Horizontal	236	1.42	-	112.38
AV	5.747G	106.71	Inf	-Inf	5.68	3	Horizontal	236	1.42	-	101.03
PK	5.969G	58.51	68.20	-9.69	6.58	3	Horizontal	236	1.42	-	51.93

802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz_TX

02/03/2020



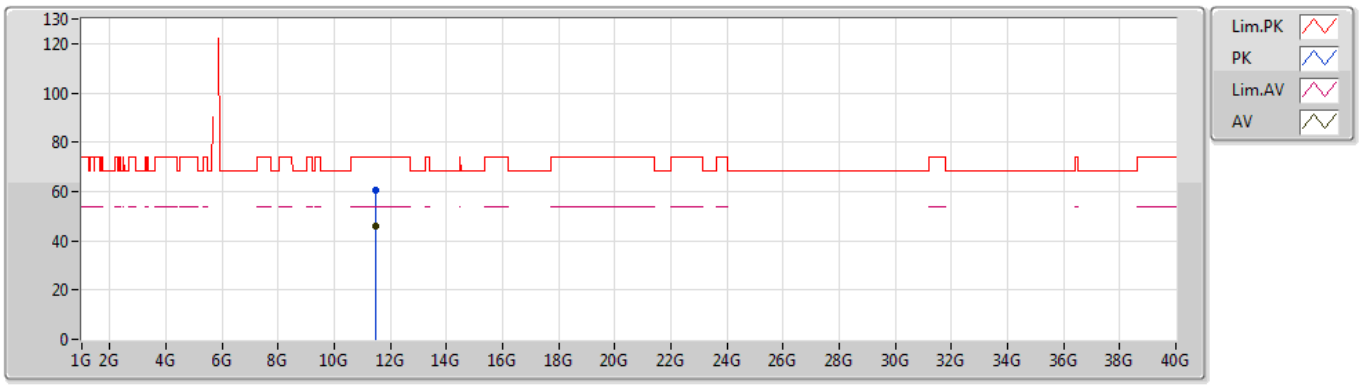
EUT Y_4TX
04-F-B-4

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.48936G	58.31	74.00	-15.69	11.69	3	Vertical	254	2.68	-	46.62
AV	11.48984G	44.11	54.00	-9.89	11.69	3	Vertical	254	2.68	-	32.42

802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz_TX

02/03/2020



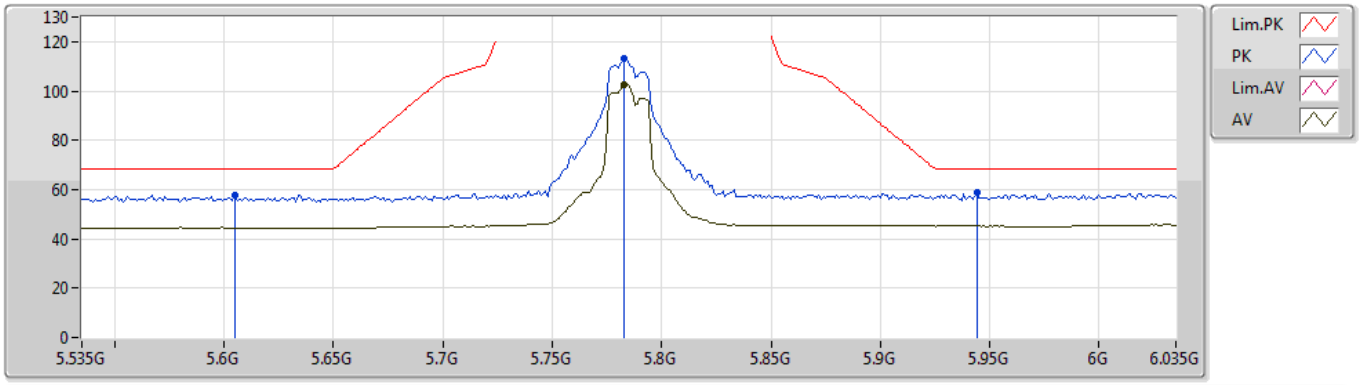
EUT Y_4TX
04-F-B-4

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.48768G	60.60	74.00	-13.40	11.69	3	Horizontal	127	2.71	-	48.91
AV	11.48616G	45.78	54.00	-8.22	11.69	3	Horizontal	127	2.71	-	34.09

802.11ac VHT20_Nss1,(MCS0)_4TX

5785MHz_TX

02/03/2020



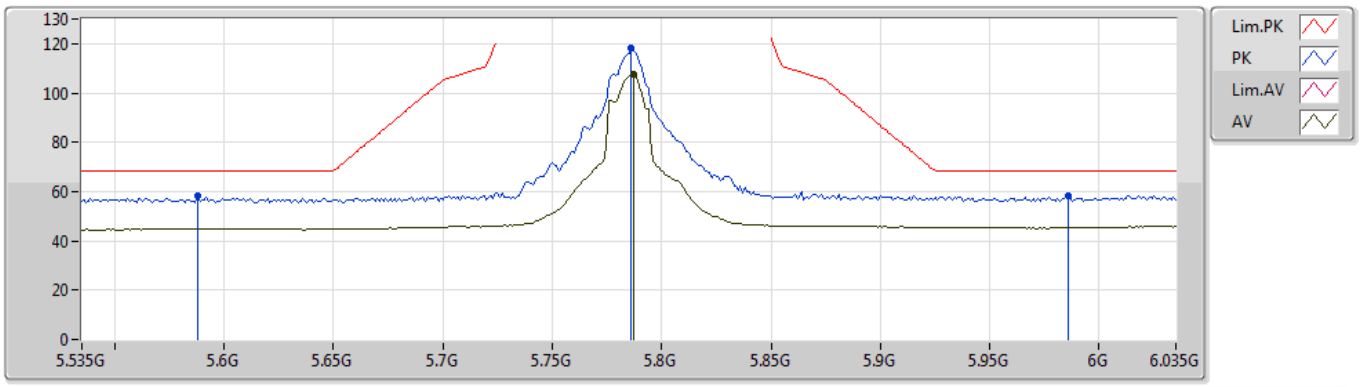
EUT Y_4TX
04-F-B-4-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.605G	57.86	68.20	-10.34	5.60	3	Vertical	61	1.49	-	52.26
PK	5.783G	113.00	Inf	-Inf	5.73	3	Vertical	61	1.49	-	107.27
AV	5.783G	102.71	Inf	-Inf	5.73	3	Vertical	61	1.49	-	96.98
PK	5.944G	58.57	68.20	-9.63	6.49	3	Vertical	61	1.49	-	52.08

802.11ac VHT20_Nss1,(MCS0)_4TX

5785MHz_TX

02/03/2020



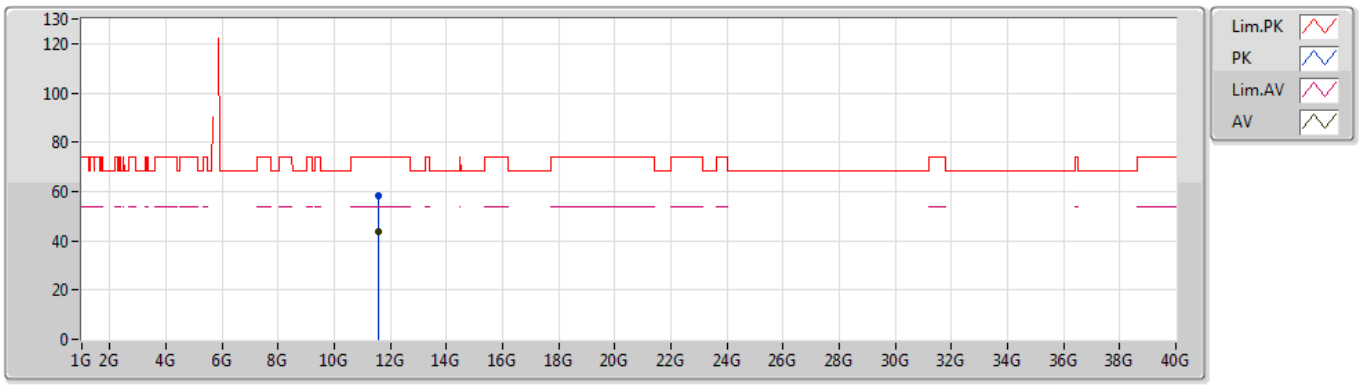
EUT Y_4TX
04-F-B-4-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.588G	58.11	68.20	-10.09	5.55	3	Horizontal	235	1.50	-	52.56
PK	5.786G	118.29	Inf	-Inf	5.72	3	Horizontal	235	1.50	-	112.57
AV	5.787G	107.32	Inf	-Inf	5.72	3	Horizontal	235	1.50	-	101.60
PK	5.986G	58.06	68.20	-10.14	6.63	3	Horizontal	235	1.50	-	51.43

802.11ac VHT20_Nss1,(MCS0)_4TX

5785MHz_TX

02/03/2020



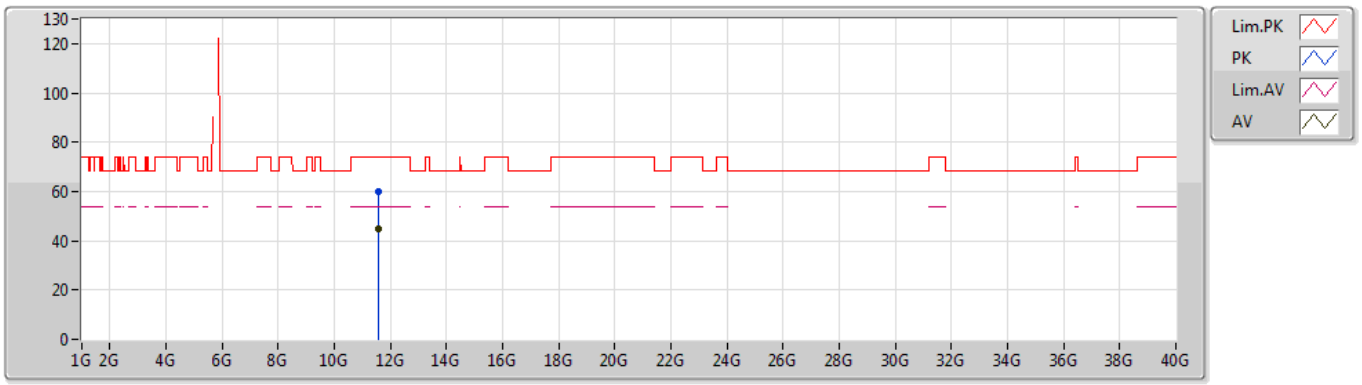
EUT Y_4TX
04-F-B-4

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.56928G	58.31	74.00	-15.69	11.59	3	Vertical	257	2.42	-	46.72
AV	11.56896G	43.86	54.00	-10.14	11.59	3	Vertical	257	2.42	-	32.27

802.11ac VHT20_Nss1,(MCS0)_4TX

5785MHz_TX

02/03/2020



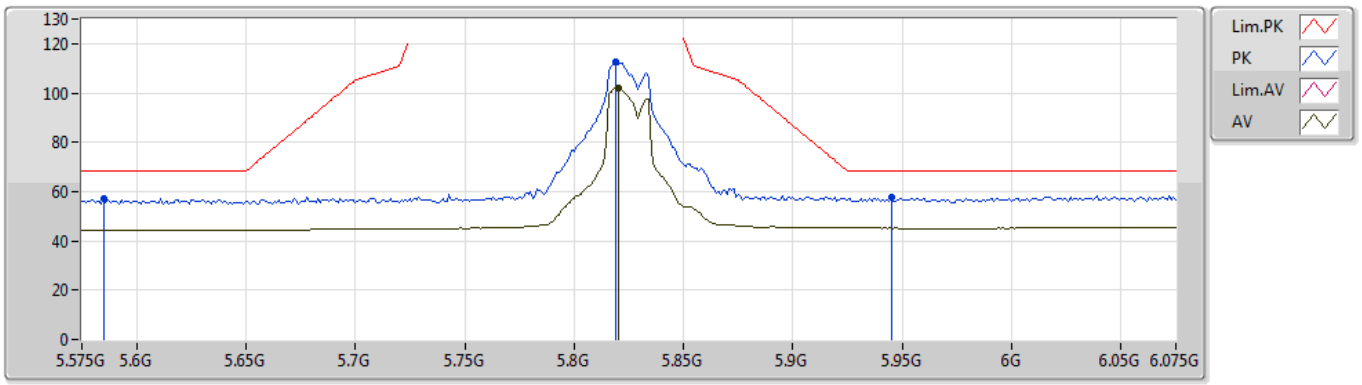
EUT Y_4TX
04-F-B-4

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.56248G	60.23	74.00	-13.77	11.59	3	Horizontal	141	1.47	-	48.64
AV	11.5628G	44.92	54.00	-9.08	11.59	3	Horizontal	141	1.47	-	33.33

802.11ac VHT20_Nss1,(MCS0)_4TX

5825MHz_TX

02/03/2020



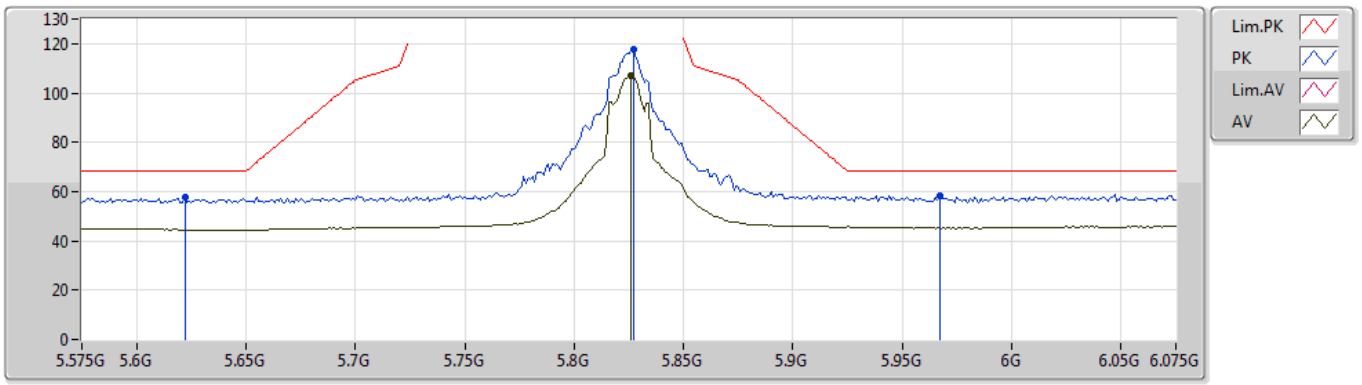
EUT Y_4TX
04-F-B-4-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.585G	57.35	68.20	-10.85	5.53	3	Vertical	278	1.63	-	51.82
PK	5.819G	112.60	Inf	-Inf	5.85	3	Vertical	278	1.63	-	106.75
AV	5.82G	102.08	Inf	-Inf	5.86	3	Vertical	278	1.63	-	96.22
PK	5.945G	57.44	68.20	-10.76	6.49	3	Vertical	278	1.63	-	50.95

802.11ac VHT20_Nss1,(MCS0)_4TX

5825MHz_TX

02/03/2020



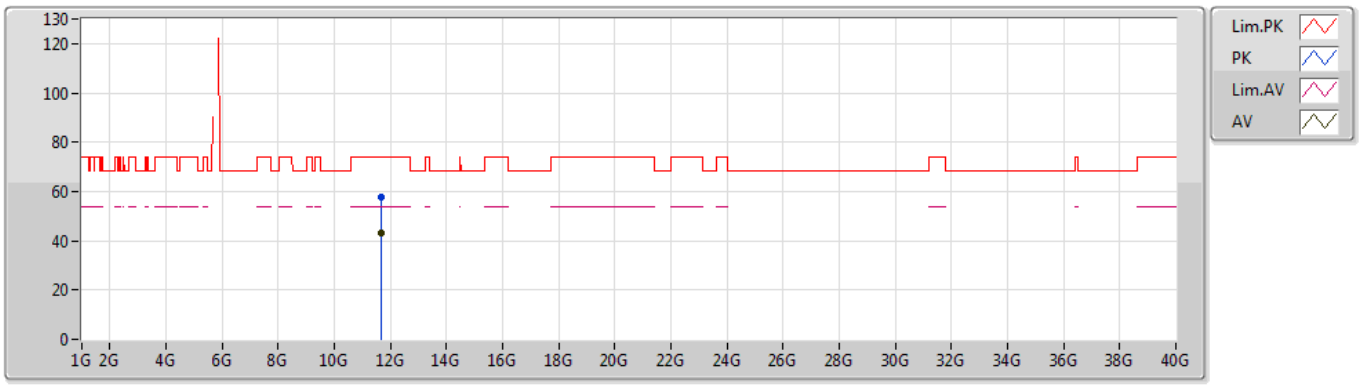
EUT Y_4TX
04-F-B-4-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.622G	57.82	68.20	-10.38	5.60	3	Horizontal	239	1.46	-	52.22
PK	5.827G	117.84	Inf	-Inf	5.89	3	Horizontal	239	1.46	-	111.95
AV	5.826G	106.96	Inf	-Inf	5.89	3	Horizontal	239	1.46	-	101.07
PK	5.967G	58.22	68.20	-9.98	6.57	3	Horizontal	239	1.46	-	51.65

802.11ac VHT20_Nss1,(MCS0)_4TX

5825MHz_TX

02/03/2020



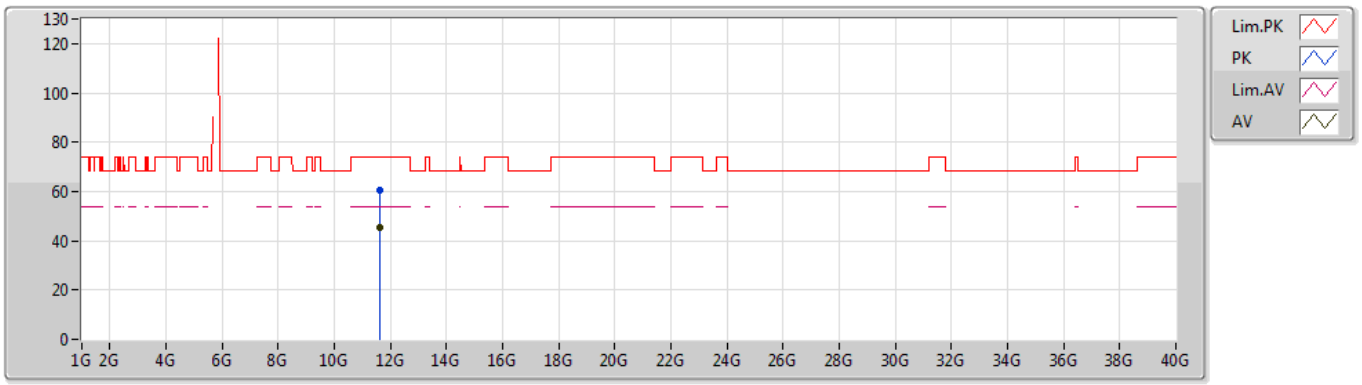
EUT Y_4TX
04-F-B-4

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.64816G	57.78	74.00	-16.22	11.49	3	Vertical	266	2.81	-	46.29
AV	11.64776G	43.14	54.00	-10.86	11.49	3	Vertical	266	2.81	-	31.65

802.11ac VHT20_Nss1,(MCS0)_4TX

5825MHz_TX

02/03/2020



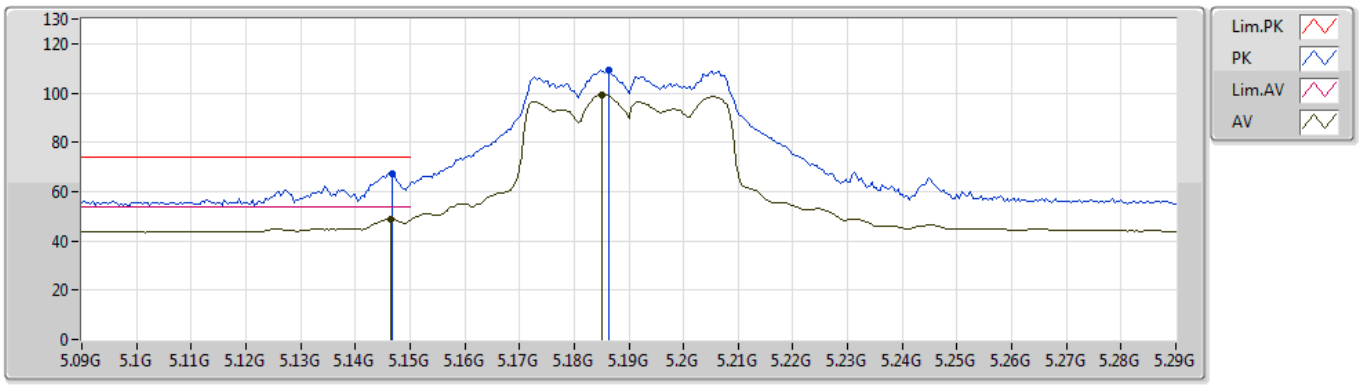
EUT Y_4TX
04-F-B-4

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.64232G	60.35	74.00	-13.65	11.49	3	Horizontal	135	1.49	-	48.86
AV	11.6432G	45.34	54.00	-8.66	11.49	3	Horizontal	135	1.49	-	33.85

802.11ac VHT40_Nss1,(MCS0)_4TX

5190MHz_TX

02/03/2020



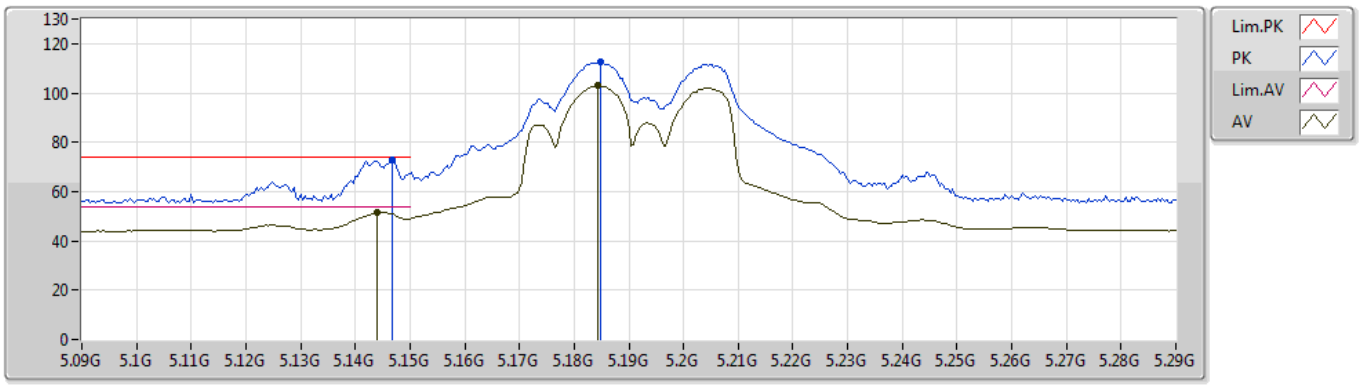
EUT Y_4TX
04-F-B-4-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1468G	67.43	74.00	-6.57	4.16	3	Vertical	41	1.45	-	63.27
AV	5.1464G	48.79	54.00	-5.21	4.16	3	Vertical	41	1.45	-	44.63
PK	5.1864G	109.17	Inf	-Inf	4.22	3	Vertical	41	1.45	-	104.95
AV	5.1852G	99.31	Inf	-Inf	4.22	3	Vertical	41	1.45	-	95.09

802.11ac VHT40_Nss1,(MCS0)_4TX

5190MHz_TX

02/03/2020



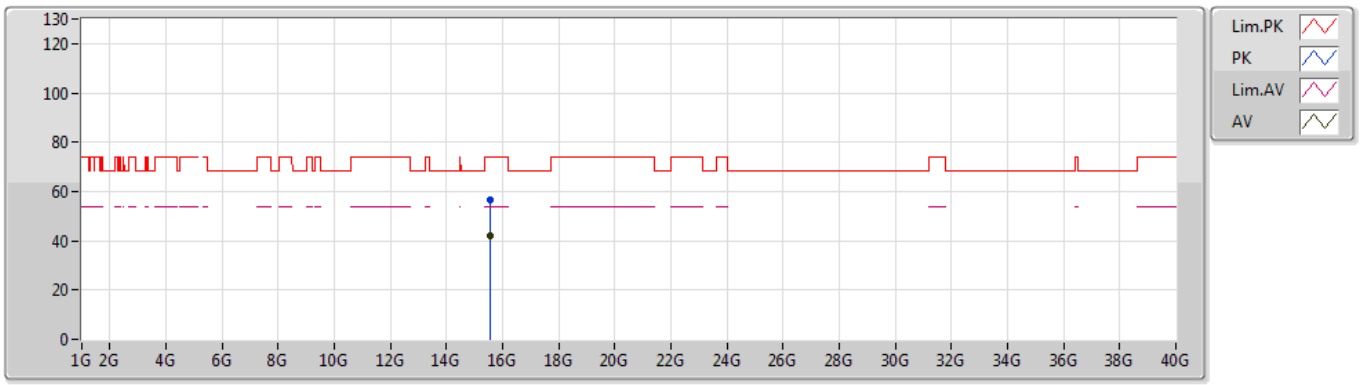
EUT Y_4TX
04-F-B-4-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1468G	72.63	74.00	-1.37	4.16	3	Horizontal	247	1.47	-	68.47
AV	5.144G	51.45	54.00	-2.55	4.15	3	Horizontal	247	1.47	-	47.30
PK	5.1848G	112.59	Inf	-Inf	4.21	3	Horizontal	247	1.47	-	108.38
AV	5.1844G	102.90	Inf	-Inf	4.21	3	Horizontal	247	1.47	-	98.69

802.11ac VHT40_Nss1,(MCS0)_4TX

5190MHz_TX

02/03/2020



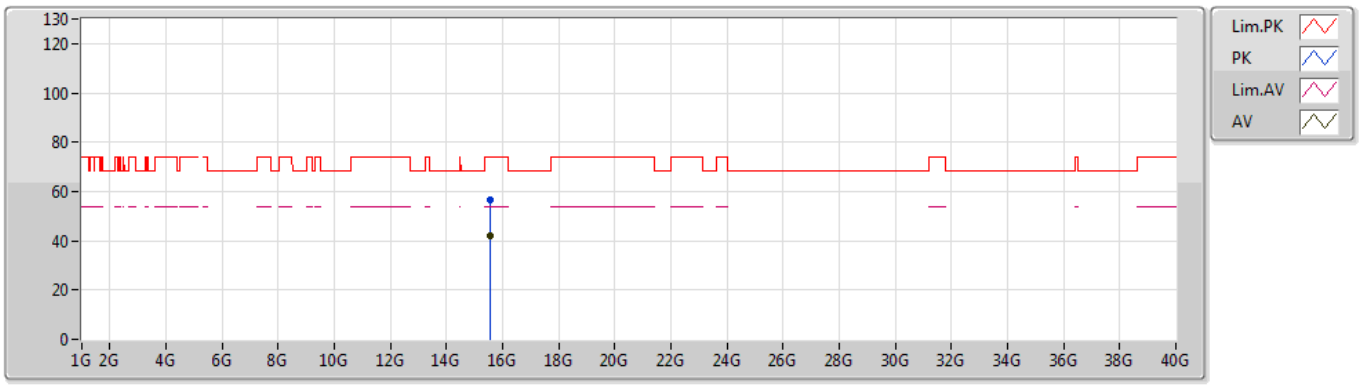
EUT Y_4TX
04-F-B-4

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.56816G	56.52	74.00	-17.48	11.37	3	Vertical	210	2.00	-	45.15
AV	15.56704G	42.05	54.00	-11.95	11.37	3	Vertical	210	2.00	-	30.68

802.11ac VHT40_Nss1,(MCS0)_4TX

5190MHz_TX

02/03/2020



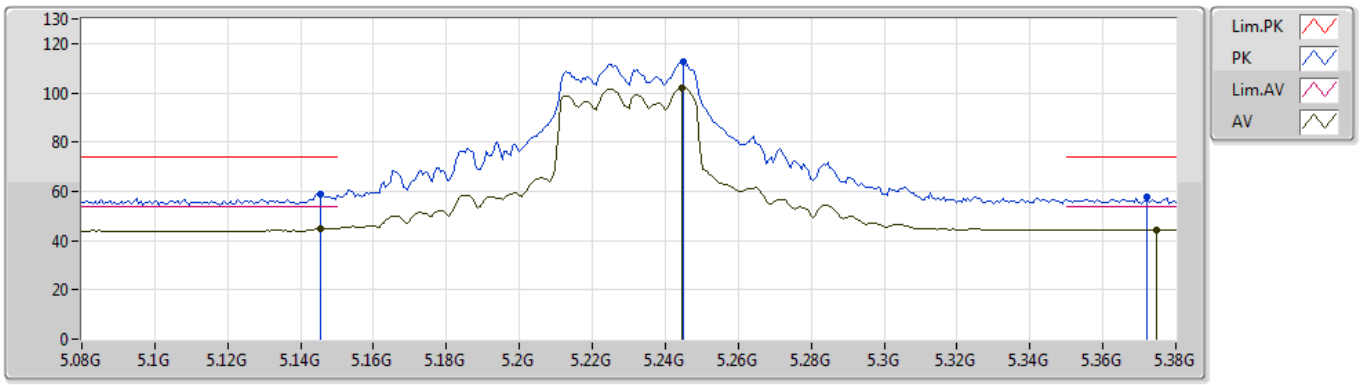
EUT Y_4TX
04-F-B-4

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.57896G	56.42	74.00	-17.58	11.35	3	Horizontal	83	1.78	-	45.07
AV	15.57752G	41.97	54.00	-12.03	11.35	3	Horizontal	83	1.78	-	30.62

802.11ac VHT40_Nss1,(MCS0)_4TX

5230MHz_TX

02/03/2020



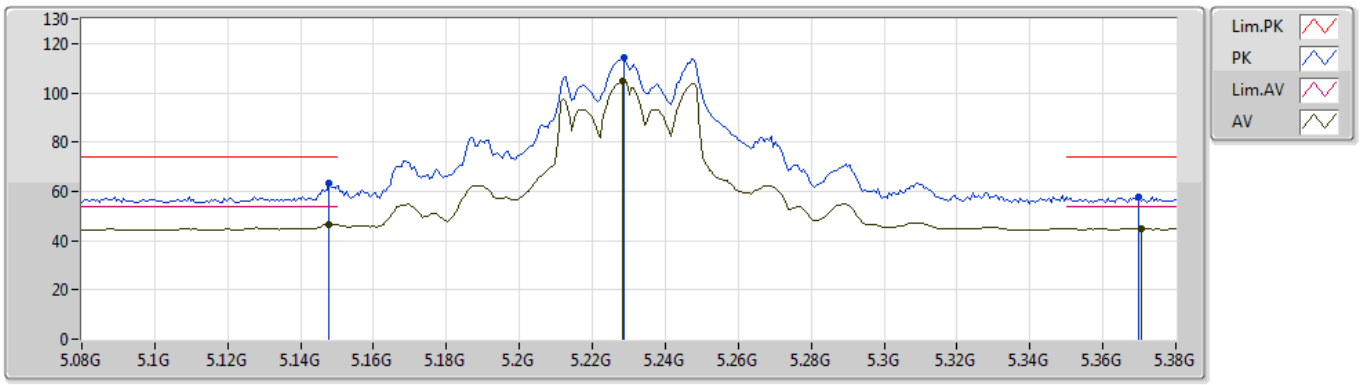
EUT Y_4TX
04-F-B-4-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1454G	58.99	74.00	-15.01	4.16	3	Vertical	39	1.34	-	54.83
AV	5.1454G	44.90	54.00	-9.10	4.16	3	Vertical	39	1.34	-	40.74
PK	5.245G	112.51	Inf	-Inf	4.31	3	Vertical	39	1.34	-	108.20
AV	5.2444G	102.14	Inf	-Inf	4.30	3	Vertical	39	1.34	-	97.84
PK	5.3722G	57.71	74.00	-16.29	4.64	3	Vertical	39	1.34	-	53.07
AV	5.3746G	44.44	54.00	-9.56	4.64	3	Vertical	39	1.34	-	39.80

802.11ac VHT40_Nss1,(MCS0)_4TX

5230MHz_TX

02/03/2020



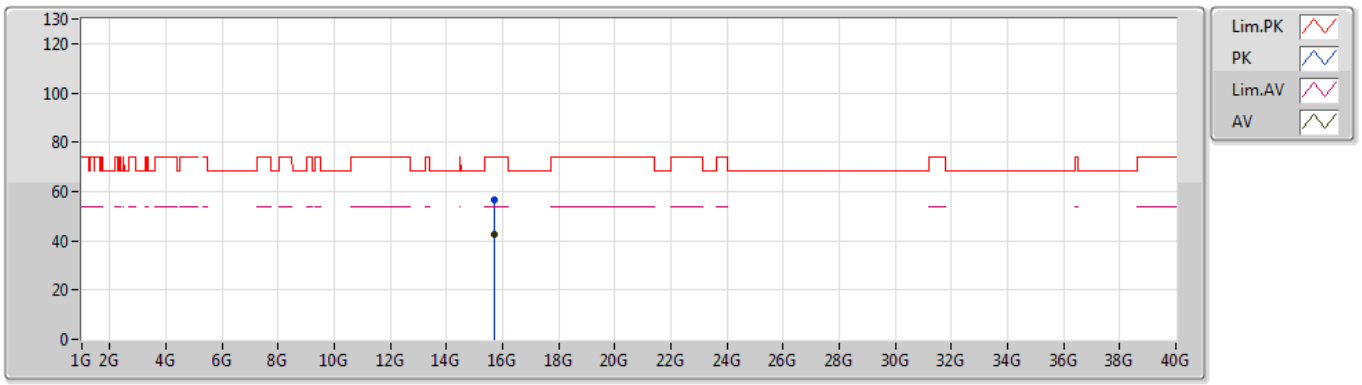
EUT Y_4TX
04-F-B-4-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1478G	63.18	74.00	-10.82	4.16	3	Horizontal	234	1.50	-	59.02
AV	5.1478G	46.63	54.00	-7.37	4.16	3	Horizontal	234	1.50	-	42.47
PK	5.2288G	114.43	Inf	-Inf	4.28	3	Horizontal	234	1.50	-	110.15
AV	5.2282G	104.58	Inf	-Inf	4.28	3	Horizontal	234	1.50	-	100.30
PK	5.3698G	57.97	74.00	-16.03	4.62	3	Horizontal	234	1.50	-	53.35
AV	5.3704G	44.82	54.00	-9.18	4.63	3	Horizontal	234	1.50	-	40.19

802.11ac VHT40_Nss1,(MCS0)_4TX

5230MHz_TX

02/03/2020



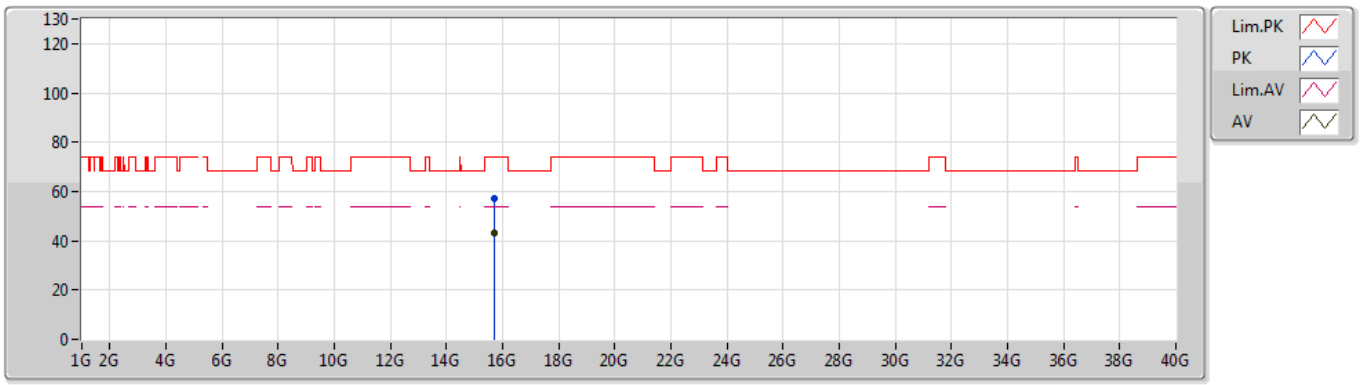
EUT Y_4TX
04-F-B-4

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.69336G	56.57	74.00	-17.43	11.20	3	Vertical	91	2.24	-	45.37
AV	15.69344G	42.85	54.00	-11.15	11.20	3	Vertical	91	2.24	-	31.65

802.11ac VHT40_Nss1,(MCS0)_4TX

5230MHz_TX

02/03/2020



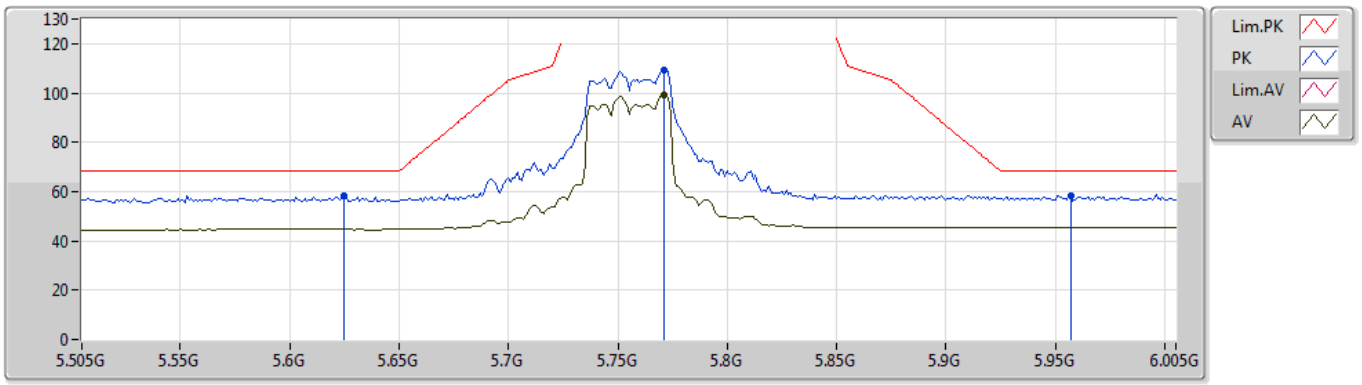
EUT Y_4TX
04-F-B-4

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.69656G	56.96	74.00	-17.04	11.19	3	Horizontal	315	1.84	-	45.77
AV	15.69536G	42.87	54.00	-11.13	11.20	3	Horizontal	315	1.84	-	31.67

802.11ac VHT40_Nss1,(MCS0)_4TX

5755MHz_TX

02/03/2020



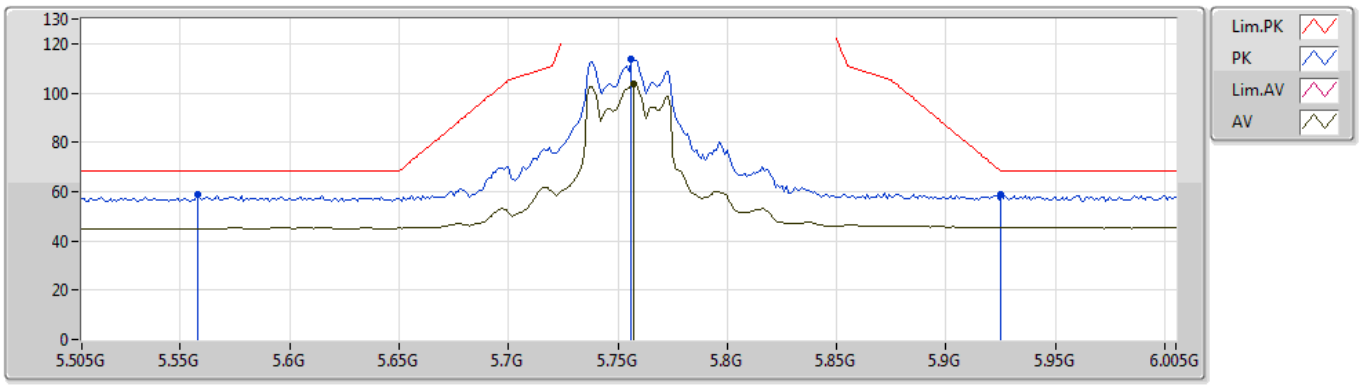
EUT Y_4TX
04-F-B-4-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.625G	58.29	68.20	-9.91	5.59	3	Vertical	51	1.53	-	52.70
PK	5.771G	109.42	Inf	-Inf	5.70	3	Vertical	51	1.53	-	103.72
AV	5.771G	99.26	Inf	-Inf	5.70	3	Vertical	51	1.53	-	93.56
PK	5.957G	58.29	68.20	-9.91	6.53	3	Vertical	51	1.53	-	51.76

802.11ac VHT40_Nss1,(MCS0)_4TX

5755MHz_TX

02/03/2020



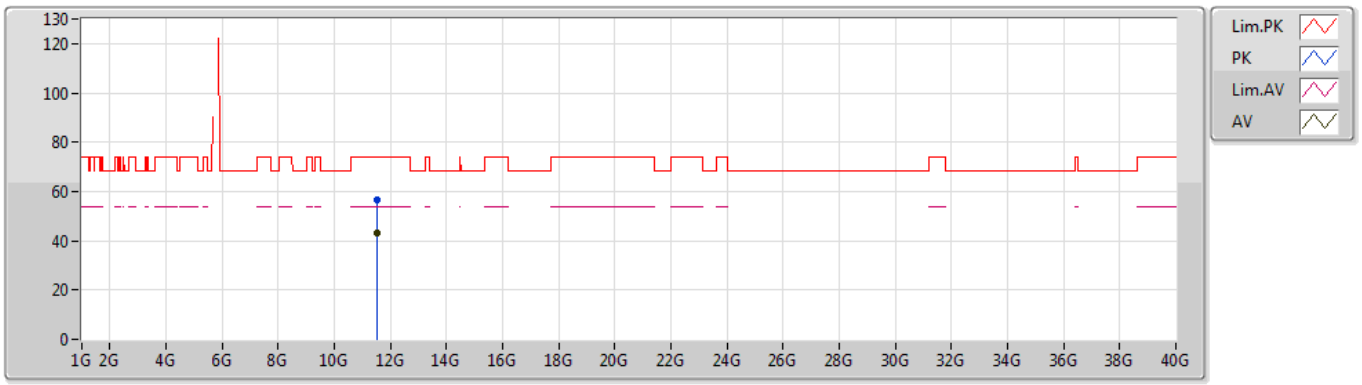
EUT Y_4TX
04-F-B-4-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.558G	58.72	68.20	-9.48	5.44	3	Horizontal	234	1.50	-	53.28
PK	5.756G	113.81	Inf	-Inf	5.68	3	Horizontal	234	1.50	-	108.13
AV	5.757G	103.89	Inf	-Inf	5.68	3	Horizontal	234	1.50	-	98.21
PK	5.925G	58.87	68.20	-9.33	6.41	3	Horizontal	234	1.50	-	52.46

802.11ac VHT40_Nss1,(MCS0)_4TX

5755MHz_TX

02/03/2020



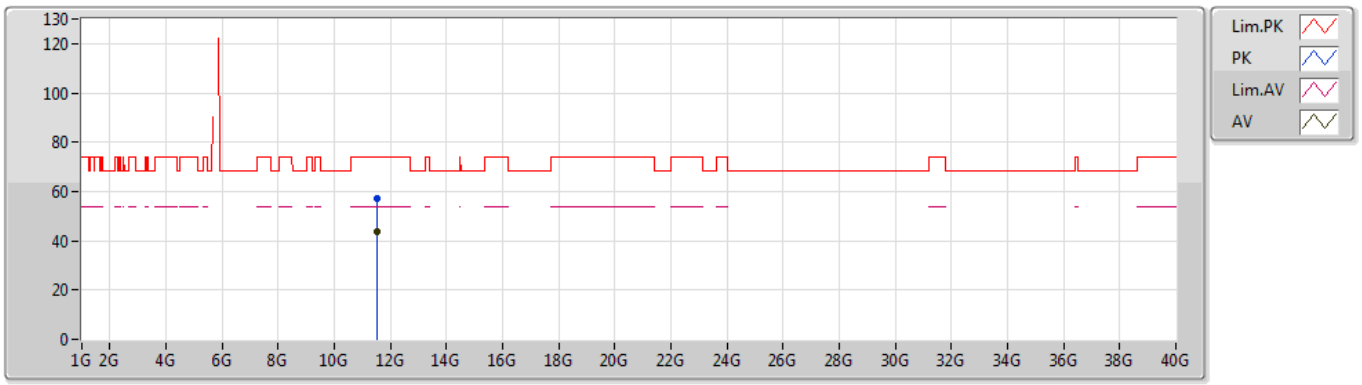
EUT Y_4TX
04-F-B-4

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.50928G	56.56	74.00	-17.44	11.66	3	Vertical	295	2.98	-	44.90
AV	11.50976G	43.31	54.00	-10.69	11.66	3	Vertical	295	2.98	-	31.65

802.11ac VHT40_Nss1,(MCS0)_4TX

5755MHz_TX

02/03/2020



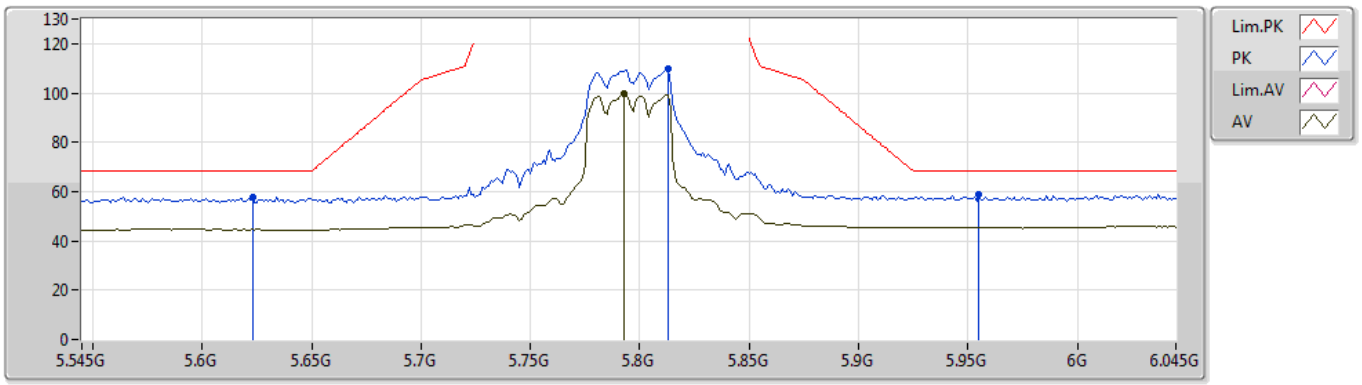
EUT Y_4TX
04-F-B-4

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.51784G	57.25	74.00	-16.75	11.65	3	Horizontal	135	1.33	-	45.60
AV	11.518G	43.67	54.00	-10.33	11.65	3	Horizontal	135	1.33	-	32.02

802.11ac VHT40_Nss1,(MCS0)_4TX

5795MHz_TX

02/03/2020



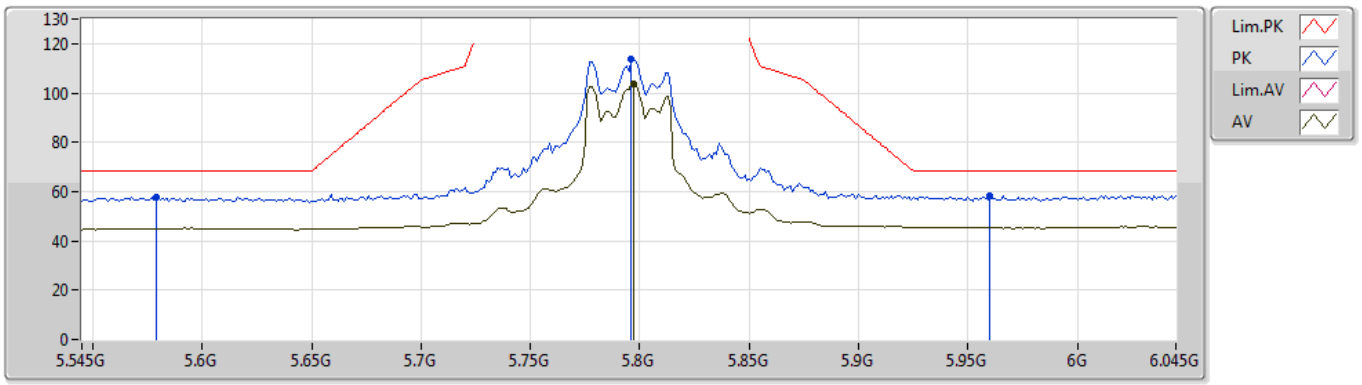
EUT Y_4TX
04-F-B-4-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.623G	57.69	68.20	-10.51	5.60	3	Vertical	23	2.47	-	52.09
PK	5.813G	109.65	Inf	-Inf	5.82	3	Vertical	23	2.47	-	103.83
AV	5.793G	99.75	Inf	-Inf	5.73	3	Vertical	23	2.47	-	94.02
PK	5.955G	58.86	68.20	-9.34	6.52	3	Vertical	23	2.47	-	52.34

802.11ac VHT40_Nss1,(MCS0)_4TX

5795MHz_TX

02/03/2020



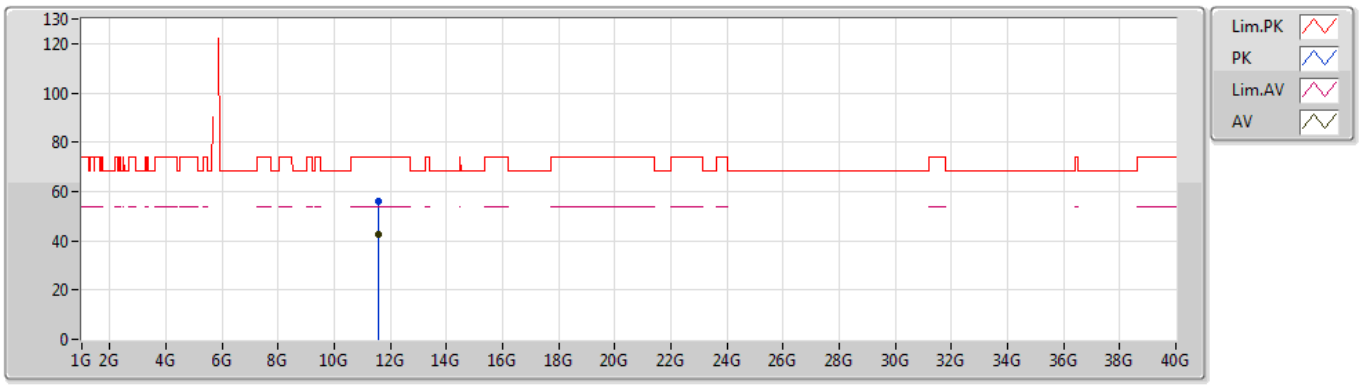
EUT Y_4TX
04-F-B-4-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.579G	57.82	68.20	-10.38	5.52	3	Horizontal	236	1.46	-	52.30
PK	5.796G	113.49	Inf	-Inf	5.73	3	Horizontal	236	1.46	-	107.76
AV	5.797G	103.67	Inf	-Inf	5.73	3	Horizontal	236	1.46	-	97.94
PK	5.96G	58.10	68.20	-10.10	6.54	3	Horizontal	236	1.46	-	51.56

802.11ac VHT40_Nss1,(MCS0)_4TX

5795MHz_TX

02/03/2020



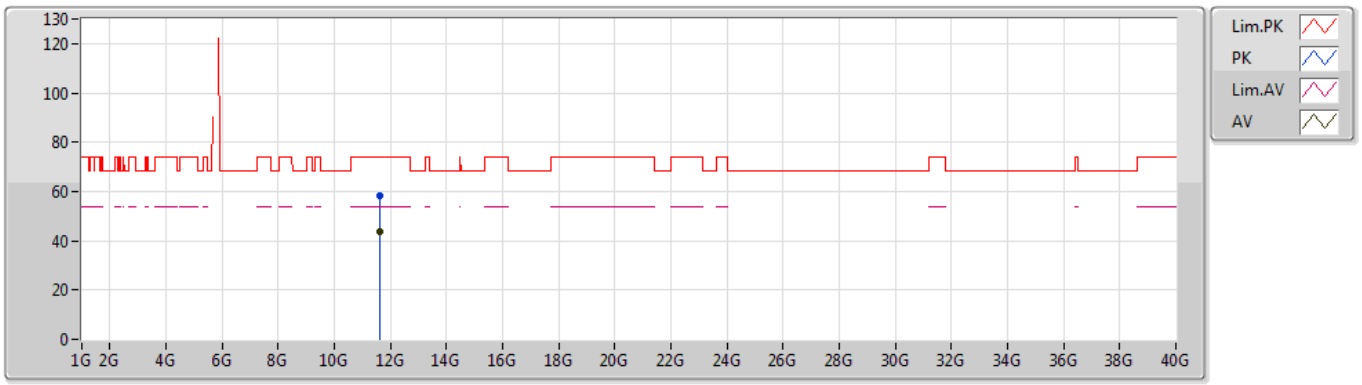
EUT Y_4TX
04-F-B-4

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.59032G	55.94	74.00	-18.06	11.55	3	Vertical	295	2.94	-	44.39
AV	11.58968G	42.65	54.00	-11.35	11.56	3	Vertical	295	2.94	-	31.09

802.11ac VHT40_Nss1,(MCS0)_4TX

5795MHz_TX

02/03/2020



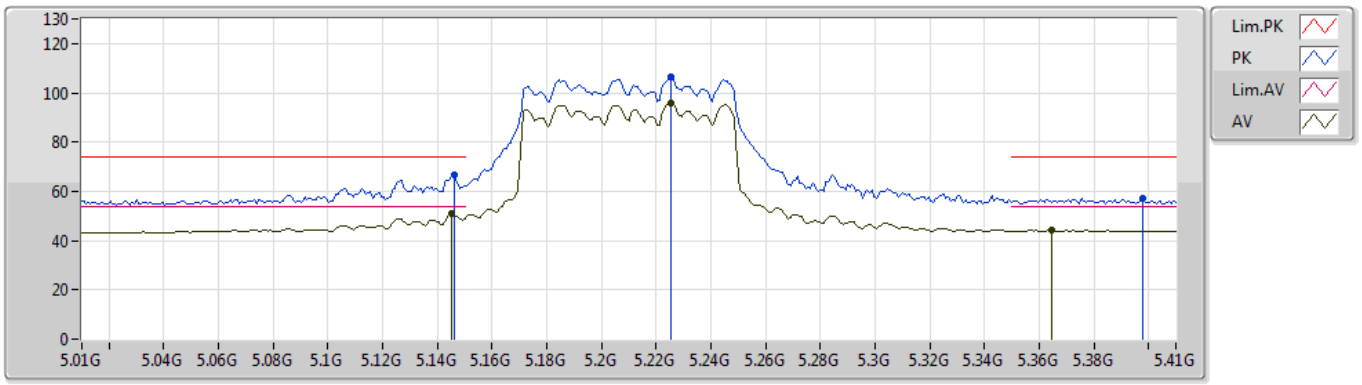
EUT Y_4TX
04-F-B-4

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.60104G	58.03	74.00	-15.97	11.55	3	Horizontal	138	1.54	-	46.48
AV	11.60176G	43.79	54.00	-10.21	11.54	3	Horizontal	138	1.54	-	32.25

802.11ac VHT80_Nss1,(MCS0)_4TX

5210MHz_TX

02/03/2020



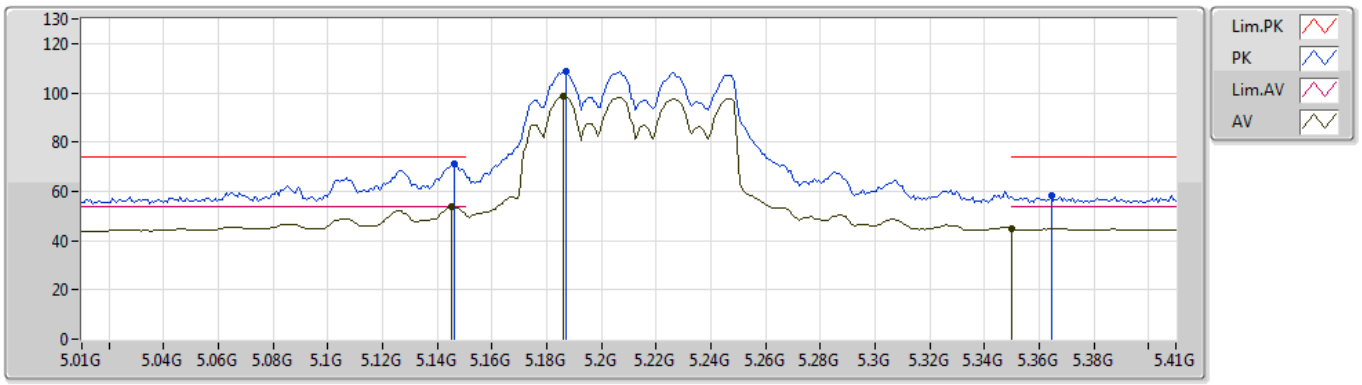
EUT Y_4TX
04-F-B-4-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.146G	66.83	74.00	-7.17	4.16	3	Vertical	39	1.51	-	62.67
AV	5.1452G	50.74	54.00	-3.26	4.16	3	Vertical	39	1.51	-	46.58
PK	5.2252G	106.26	Inf	-Inf	4.28	3	Vertical	39	1.51	-	101.98
AV	5.2252G	95.56	Inf	-Inf	4.28	3	Vertical	39	1.51	-	91.28
PK	5.398G	57.02	74.00	-16.98	4.72	3	Vertical	39	1.51	-	52.30
AV	5.3644G	44.15	54.00	-9.85	4.60	3	Vertical	39	1.51	-	39.55

802.11ac VHT80_Nss1,(MCS0)_4TX

5210MHz_TX

02/03/2020



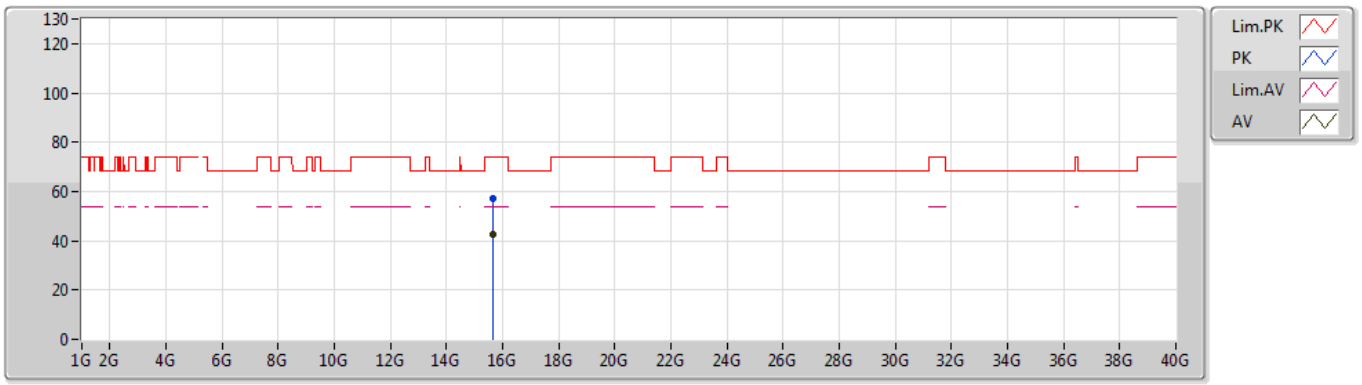
EUT Y_4TX
04-F-B-4-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.146G	71.31	74.00	-2.69	4.16	3	Horizontal	242	1.47	-	67.15
AV	5.1452G	53.92	54.00	-0.08	4.16	3	Horizontal	242	1.47	-	49.76
PK	5.1868G	108.47	Inf	-Inf	4.22	3	Horizontal	242	1.47	-	104.25
AV	5.186G	98.60	Inf	-Inf	4.22	3	Horizontal	242	1.47	-	94.38
PK	5.3644G	58.49	74.00	-15.51	4.60	3	Horizontal	242	1.47	-	53.89
AV	5.35G	44.96	54.00	-9.04	4.56	3	Horizontal	242	1.47	-	40.40

802.11ac VHT80_Nss1,(MCS0)_4TX

5210MHz_TX

02/03/2020



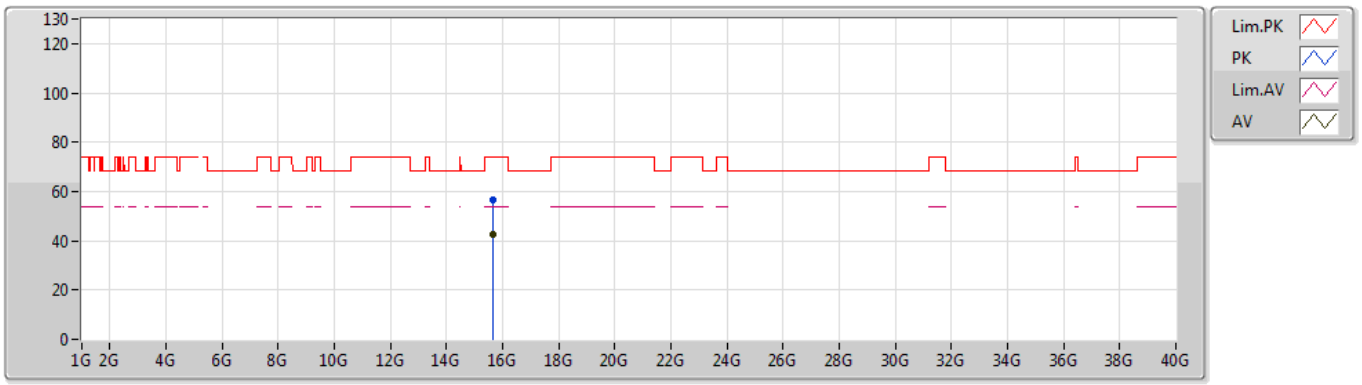
EUT Y_4TX
04-F-B-4

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.6382G	57.10	74.00	-16.90	11.27	3	Vertical	83	2.22	-	45.83
AV	15.638G	42.62	54.00	-11.38	11.27	3	Vertical	83	2.22	-	31.35

802.11ac VHT80_Nss1,(MCS0)_4TX

5210MHz_TX

02/03/2020



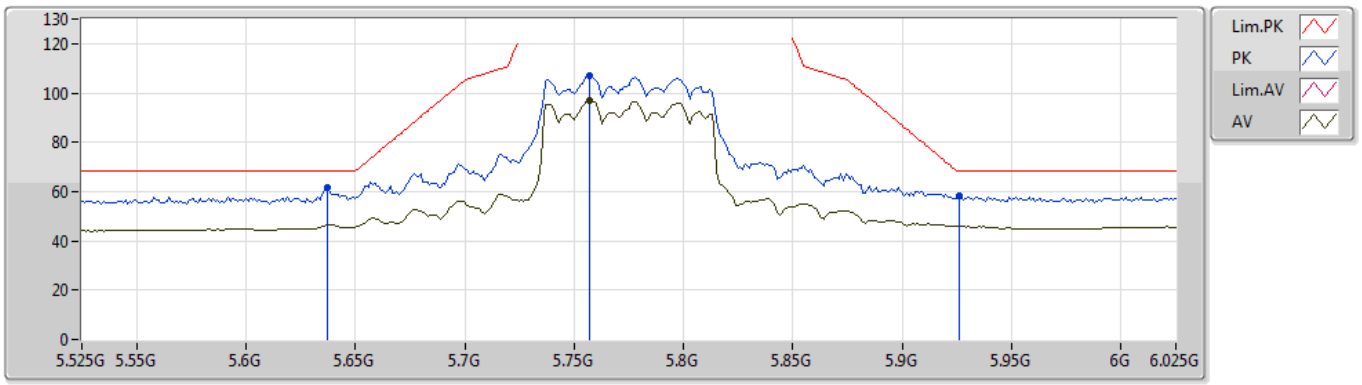
EUT Y_4TX
04-F-B-4

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.63568G	56.44	74.00	-17.56	11.27	3	Horizontal	51	1.31	-	45.17
AV	15.63808G	42.82	54.00	-11.18	11.27	3	Horizontal	51	1.31	-	31.55

802.11ac VHT80_Nss1,(MCS0)_4TX

5775MHz_TX

02/03/2020



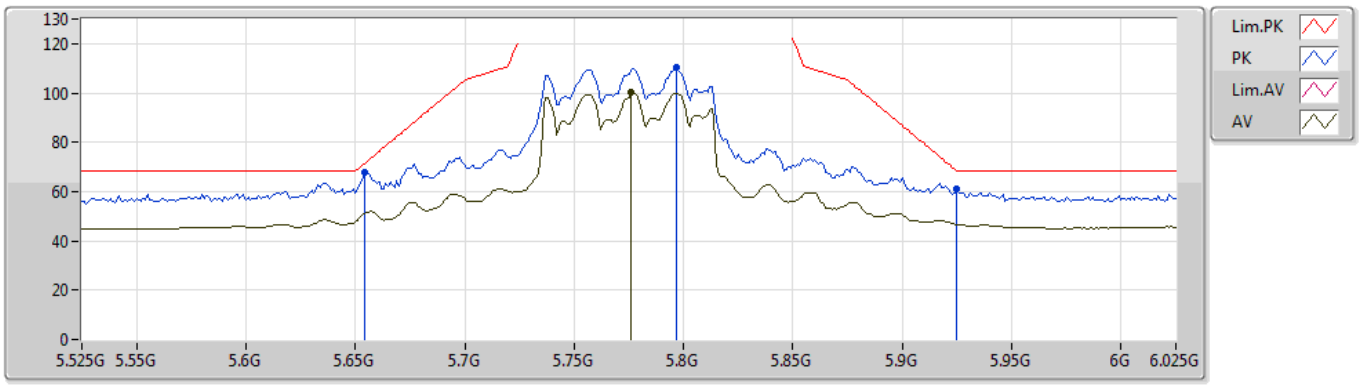
EUT Y_4TX
04-F-B-4-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.637G	61.41	68.20	-6.79	5.60	3	Vertical	326	1.12	-	55.81
PK	5.757G	107.23	Inf	-Inf	5.68	3	Vertical	326	1.12	-	101.55
AV	5.757G	97.09	Inf	-Inf	5.68	3	Vertical	326	1.12	-	91.41
PK	5.926G	58.42	68.20	-9.78	6.41	3	Vertical	326	1.12	-	52.01

802.11ac VHT80_Nss1,(MCS0)_4TX

5775MHz_TX

02/03/2020



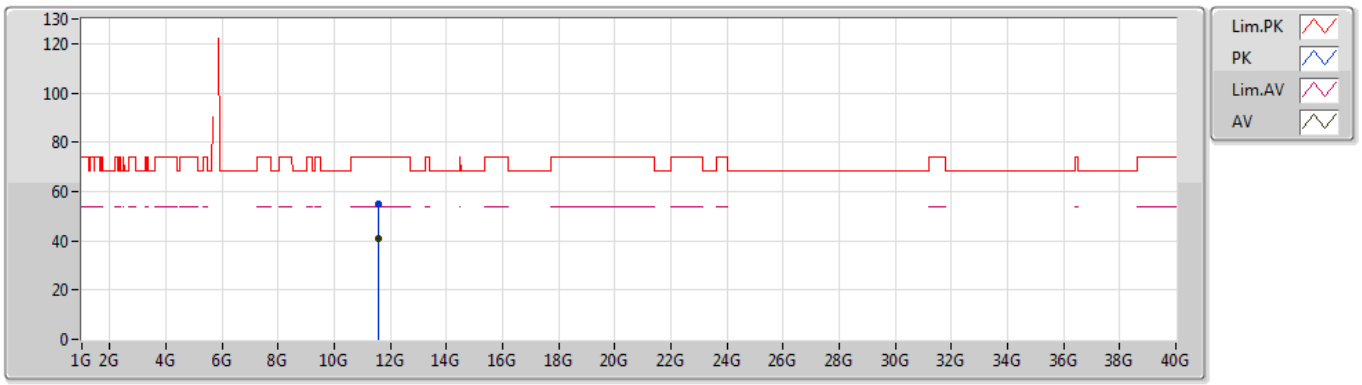
EUT Y_4TX
04-F-B-4-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.654G	67.64	71.16	-3.52	5.60	3	Horizontal	235	1.50	-	62.04
PK	5.797G	110.19	Inf	-Inf	5.73	3	Horizontal	235	1.50	-	104.46
AV	5.776G	100.15	Inf	-Inf	5.71	3	Horizontal	235	1.50	-	94.44
PK	5.925G	61.12	68.20	-7.08	6.41	3	Horizontal	235	1.50	-	54.71

802.11ac VHT80_Nss1,(MCS0)_4TX

5775MHz_TX

02/03/2020



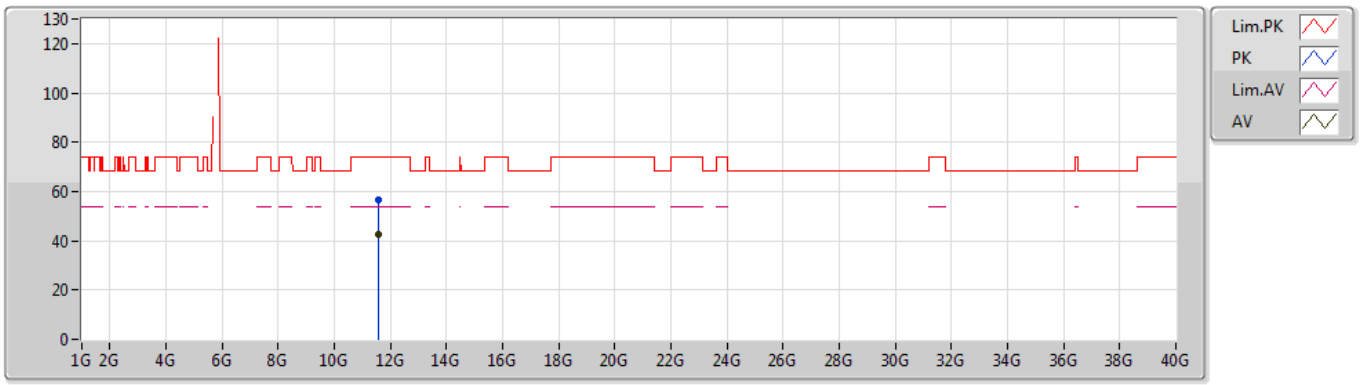
EUT Y_4TX
04-F-B-4

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.5492G	54.77	74.00	-19.23	11.61	3	Vertical	258	2.96	-	43.16
AV	11.54976G	40.93	54.00	-13.07	11.61	3	Vertical	258	2.96	-	29.32

802.11ac VHT80_Nss1,(MCS0)_4TX

5775MHz_TX

02/03/2020



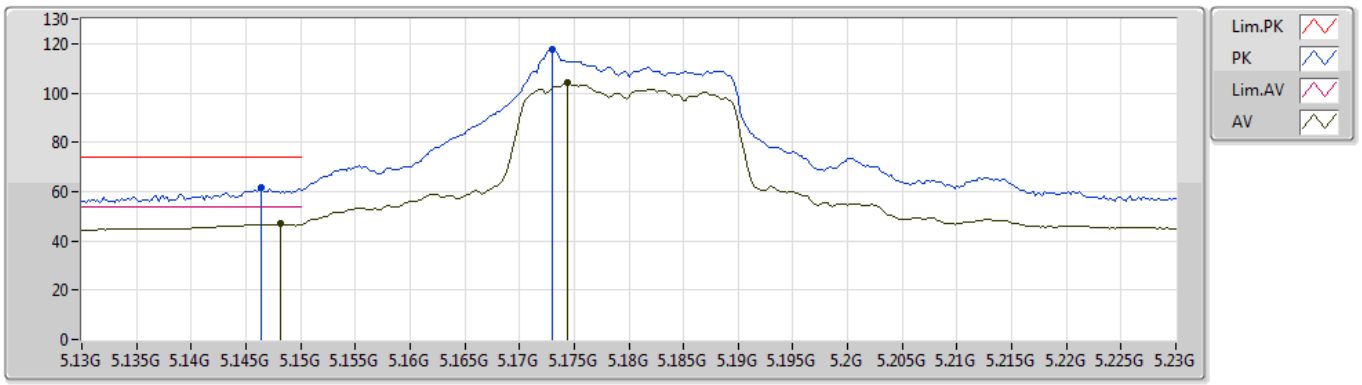
EUT Y_4TX
04-F-B-4

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.55792G	56.38	74.00	-17.62	11.60	3	Horizontal	133	1.36	-	44.78
AV	11.56088G	42.34	54.00	-11.66	11.59	3	Horizontal	133	1.36	-	30.75

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

02/03/2020



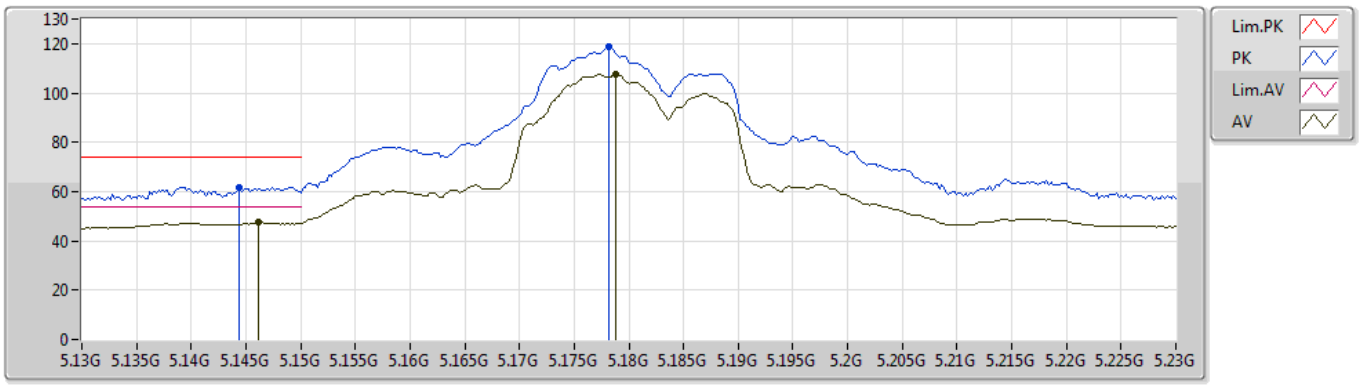
EUT Y_4TX
04-F-B-4-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1464G	61.48	74.00	-12.52	4.16	3	Vertical	32	1.50	-	57.32
AV	5.1482G	46.79	54.00	-7.21	4.16	3	Vertical	32	1.50	-	42.63
PK	5.173G	117.70	Inf	-Inf	4.20	3	Vertical	32	1.50	-	113.50
AV	5.1744G	104.45	Inf	-Inf	4.20	3	Vertical	32	1.50	-	100.25

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

02/03/2020



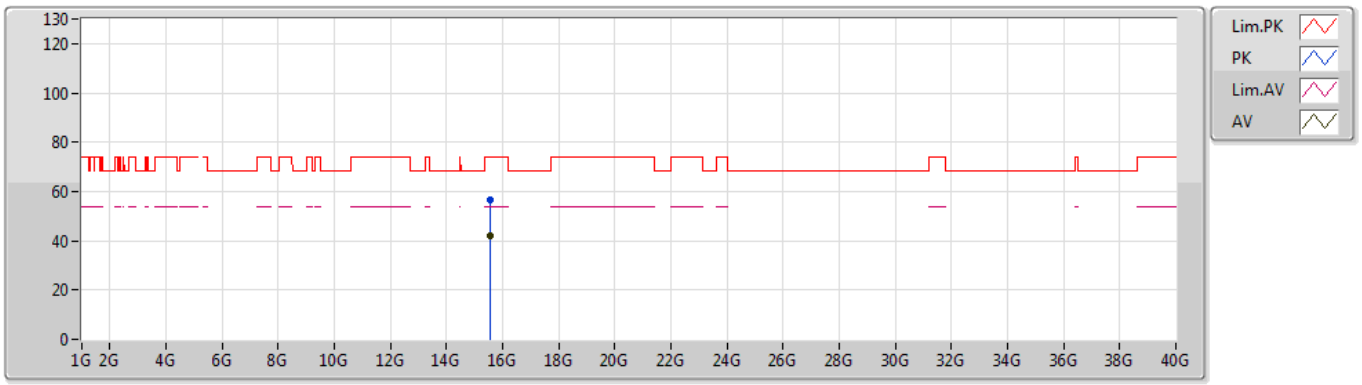
EUT Y_4TX
04-F-B-4-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1444G	61.86	74.00	-12.14	4.15	3	Horizontal	238	1.50	-	57.71
AV	5.1462G	47.52	54.00	-6.48	4.16	3	Horizontal	238	1.50	-	43.36
PK	5.1782G	118.75	Inf	-Inf	4.21	3	Horizontal	238	1.50	-	114.54
AV	5.1788G	107.78	Inf	-Inf	4.21	3	Horizontal	238	1.50	-	103.57

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

02/03/2020



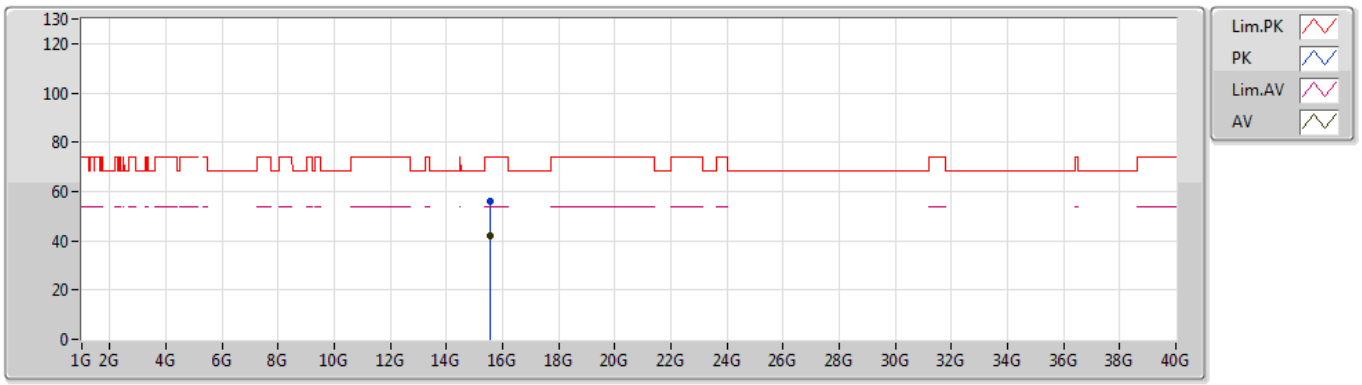
EUT Y_4TX
04-F-B-4

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.55528G	56.42	74.00	-17.58	11.39	3	Vertical	150	2.35	-	45.03
AV	15.5554G	42.26	54.00	-11.74	11.39	3	Vertical	150	2.35	-	30.87

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

02/03/2020



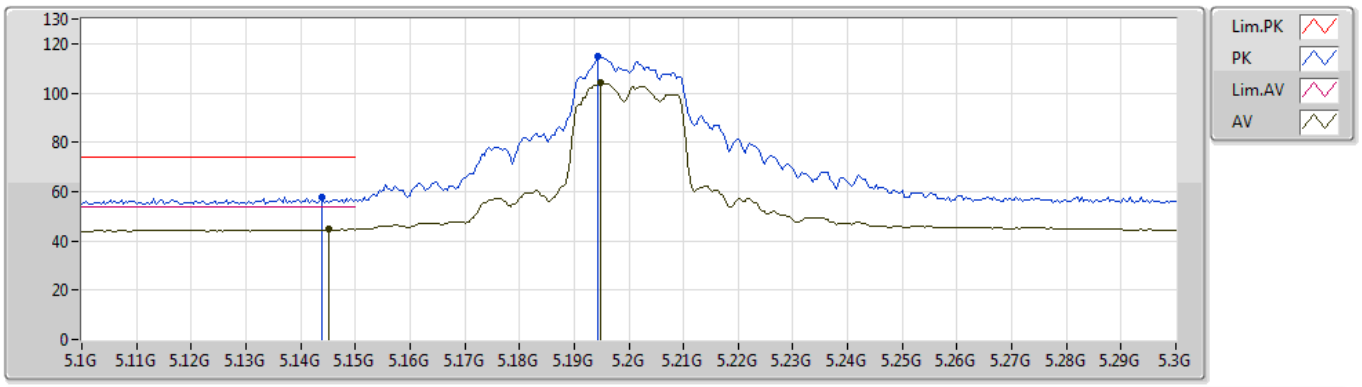
EUT Y_4TX
04-F-B-4

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.54704G	56.05	74.00	-17.95	11.40	3	Horizontal	179	1.24	-	44.65
AV	15.5484G	42.30	54.00	-11.70	11.38	3	Horizontal	179	1.24	-	30.92

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

02/03/2020



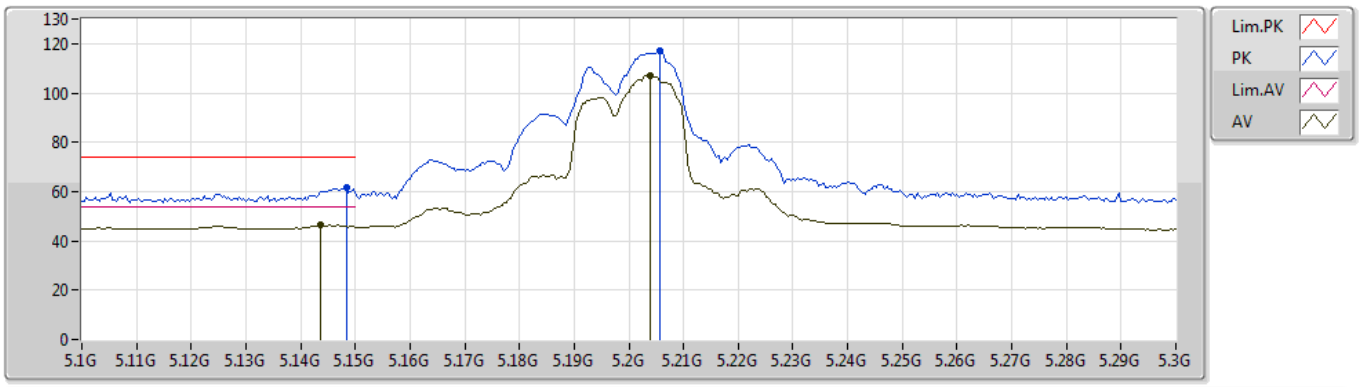
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.144G	57.71	74.00	-16.29	4.15	3	Vertical	38	1.50	-	53.56
AV	5.1452G	44.73	54.00	-9.27	4.16	3	Vertical	38	1.50	-	40.57
PK	5.1944G	114.77	Inf	-Inf	4.23	3	Vertical	38	1.50	-	110.54
AV	5.1948G	104.08	Inf	-Inf	4.23	3	Vertical	38	1.50	-	99.85

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

02/03/2020



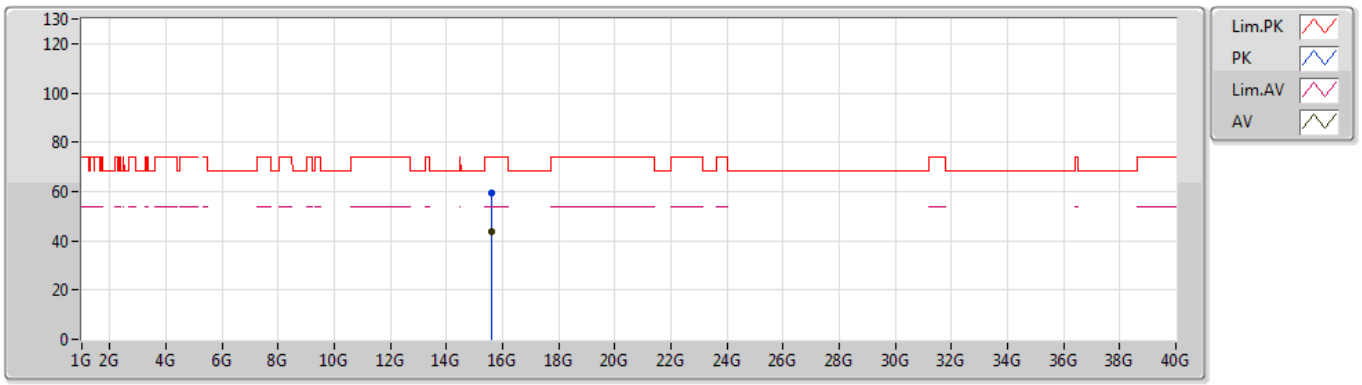
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1484G	61.54	74.00	-12.46	4.16	3	Horizontal	218	2.13	-	57.38
AV	5.1436G	46.37	54.00	-7.63	4.15	3	Horizontal	218	2.13	-	42.22
PK	5.2056G	116.97	Inf	-Inf	4.25	3	Horizontal	218	2.13	-	112.72
AV	5.204G	107.19	Inf	-Inf	4.24	3	Horizontal	218	2.13	-	102.95

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

02/03/2020



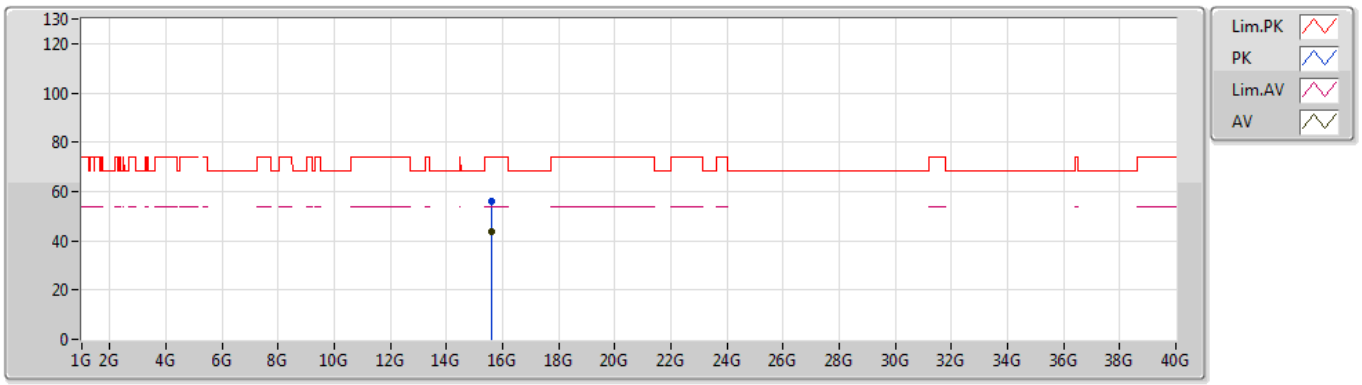
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.60054G	59.46	74.00	-14.54	11.32	3	Vertical	299	2.35	-	48.14
AV	15.60054G	43.80	54.00	-10.20	11.32	3	Vertical	299	2.35	-	32.48

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

02/03/2020



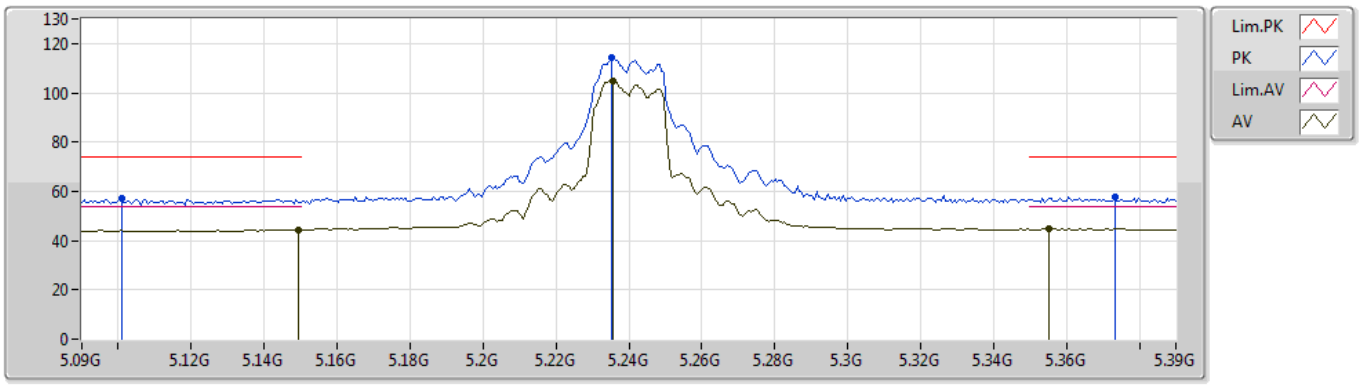
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.58632G	55.91	74.00	-18.09	11.35	3	Horizontal	157	1.69	-	44.56
AV	15.60024G	43.94	54.00	-10.06	11.32	3	Horizontal	157	1.69	-	32.62

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

02/03/2020



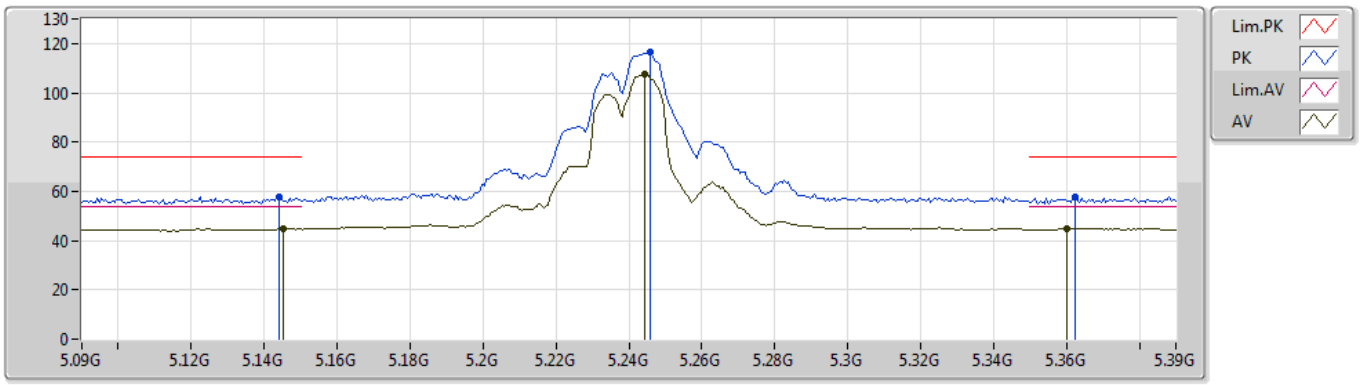
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1008G	57.22	74.00	-16.78	4.09	3	Vertical	40	1.55	-	53.13
AV	5.1494G	44.44	54.00	-9.56	4.16	3	Vertical	40	1.55	-	40.28
PK	5.2352G	114.52	Inf	-Inf	4.30	3	Vertical	40	1.55	-	110.22
AV	5.2358G	104.93	Inf	-Inf	4.30	3	Vertical	40	1.55	-	100.63
PK	5.3732G	57.64	74.00	-16.36	4.64	3	Vertical	40	1.55	-	53.00
AV	5.3552G	44.81	54.00	-9.19	4.58	3	Vertical	40	1.55	-	40.23

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

02/03/2020



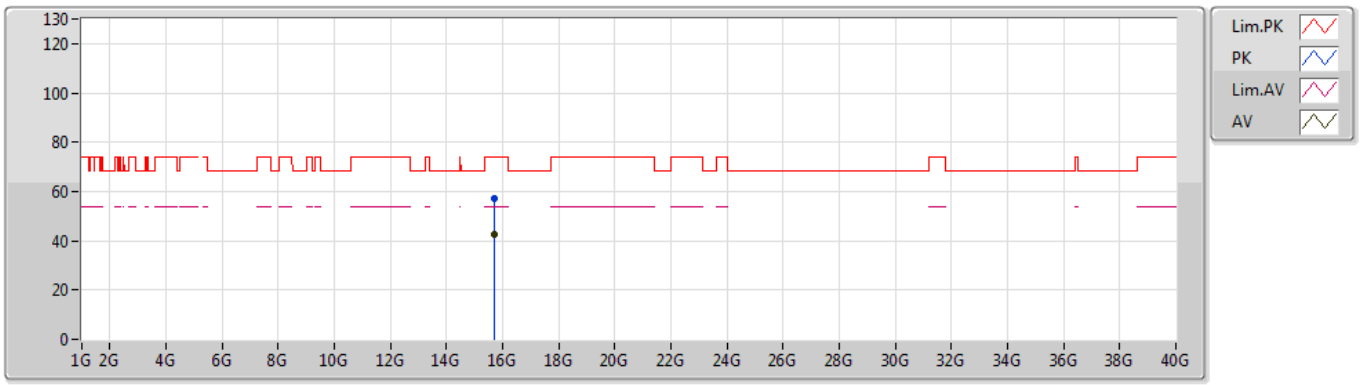
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.144G	57.76	74.00	-16.24	4.15	3	Horizontal	217	2.05	-	53.61
AV	5.1452G	44.77	54.00	-9.23	4.16	3	Horizontal	217	2.05	-	40.61
PK	5.246G	116.41	Inf	-Inf	4.31	3	Horizontal	217	2.05	-	112.10
AV	5.2442G	107.71	Inf	-Inf	4.30	3	Horizontal	217	2.05	-	103.41
PK	5.3624G	57.79	74.00	-16.21	4.60	3	Horizontal	217	2.05	-	53.19
AV	5.36G	44.80	54.00	-9.20	4.59	3	Horizontal	217	2.05	-	40.21

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

02/03/2020



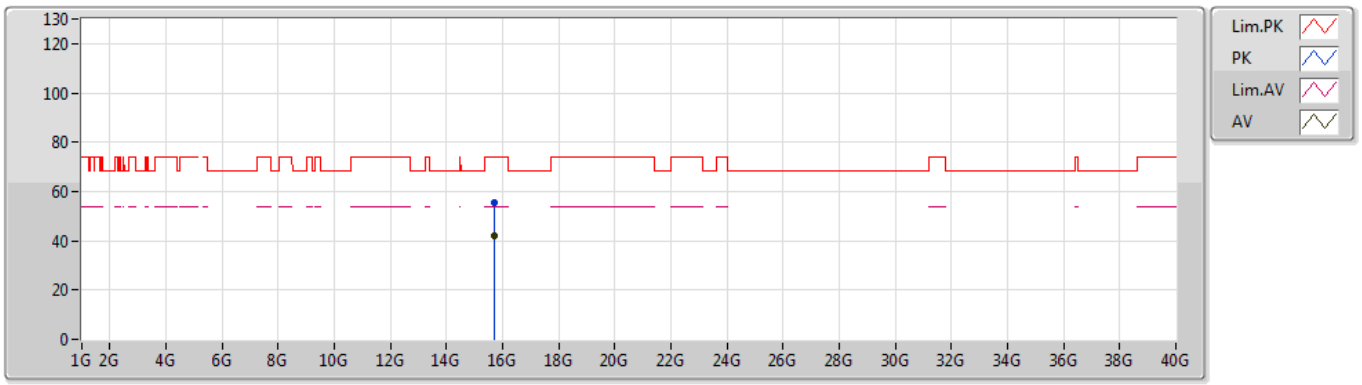
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.71676G	57.27	74.00	-16.73	11.15	3	Vertical	299	2.01	-	46.12
AV	15.71706G	42.78	54.00	-11.22	11.15	3	Vertical	299	2.01	-	31.63

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

02/03/2020



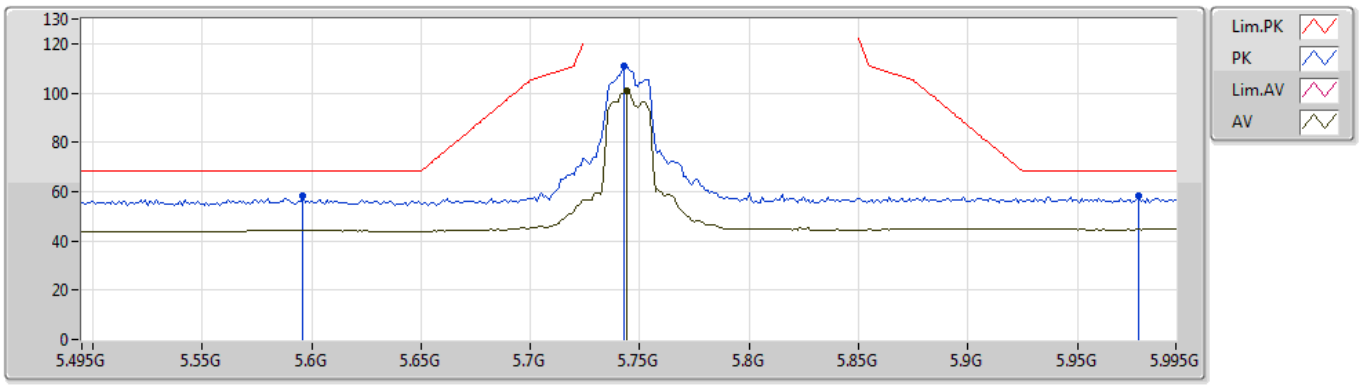
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.71304G	55.73	74.00	-18.27	11.16	3	Horizontal	347	1.50	-	44.57
AV	15.7056G	42.19	54.00	-11.81	11.17	3	Horizontal	347	1.50	-	31.02

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

02/03/2020



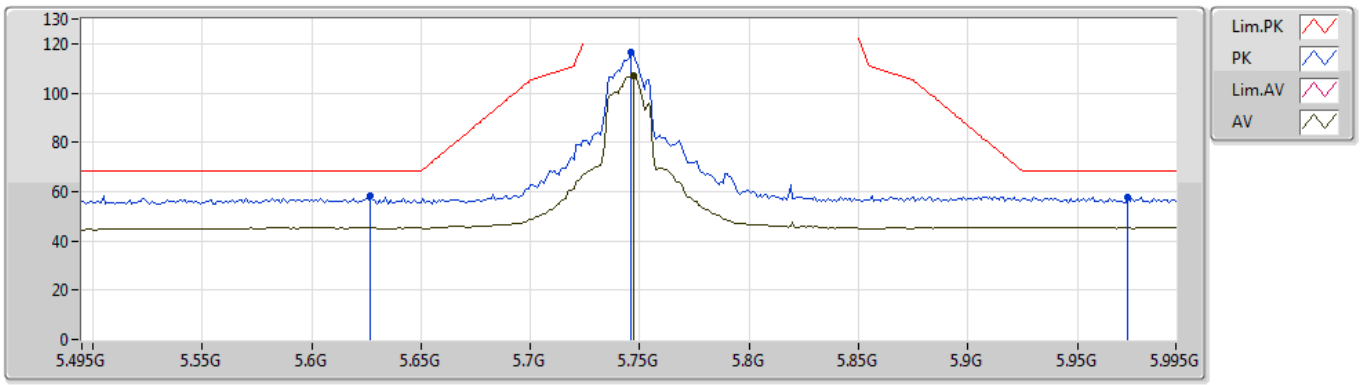
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.596G	58.23	68.20	-9.97	5.57	3	Vertical	60	1.70	-	52.66
PK	5.743G	110.73	Inf	-Inf	5.68	3	Vertical	60	1.70	-	105.05
AV	5.744G	100.81	Inf	-Inf	5.68	3	Vertical	60	1.70	-	95.13
PK	5.978G	58.08	68.20	-10.12	6.61	3	Vertical	60	1.70	-	51.47

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

02/03/2020



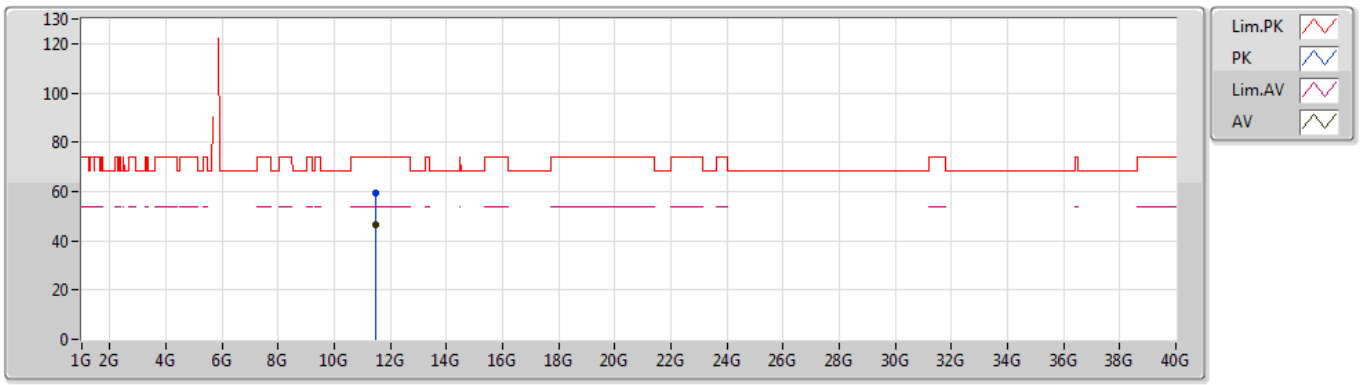
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.627G	58.38	68.20	-9.82	5.60	3	Horizontal	236	1.39	-	52.78
PK	5.746G	116.56	Inf	-Inf	5.68	3	Horizontal	236	1.39	-	110.88
AV	5.747G	106.91	Inf	-Inf	5.68	3	Horizontal	236	1.39	-	101.23
PK	5.973G	57.73	68.20	-10.47	6.59	3	Horizontal	236	1.39	-	51.14

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

02/03/2020



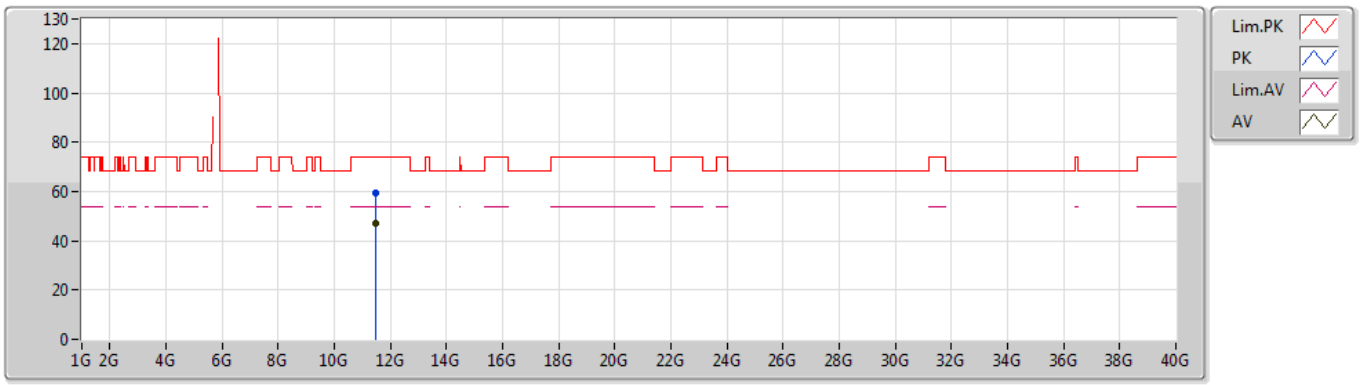
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.49048G	59.22	74.00	-14.78	11.68	3	Vertical	259	2.19	-	47.54
AV	11.48922G	46.39	54.00	-7.61	11.69	3	Vertical	259	2.19	-	34.70

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

02/03/2020



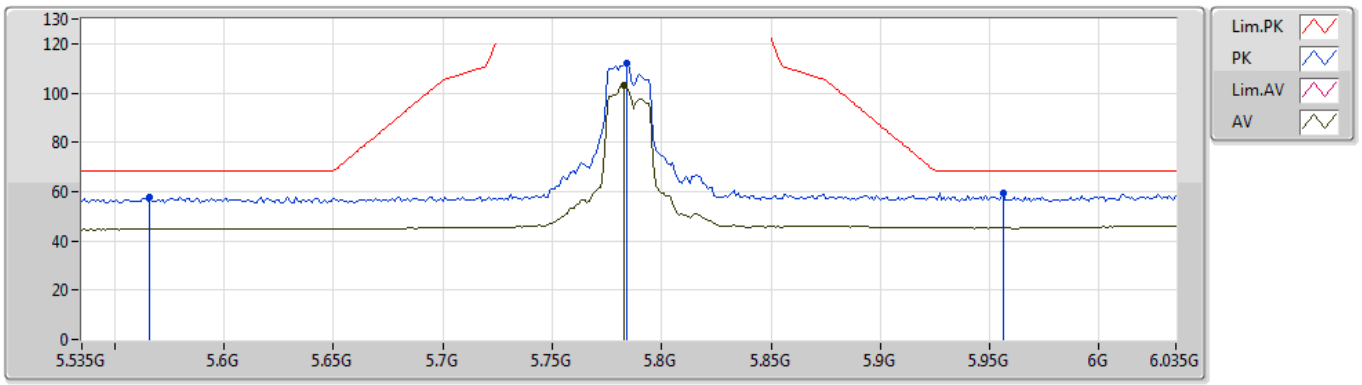
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.47974G	59.50	74.00	-14.50	11.69	3	Horizontal	127	1.37	-	47.81
AV	11.48772G	47.19	54.00	-6.81	11.69	3	Horizontal	127	1.37	-	35.50

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

02/03/2020



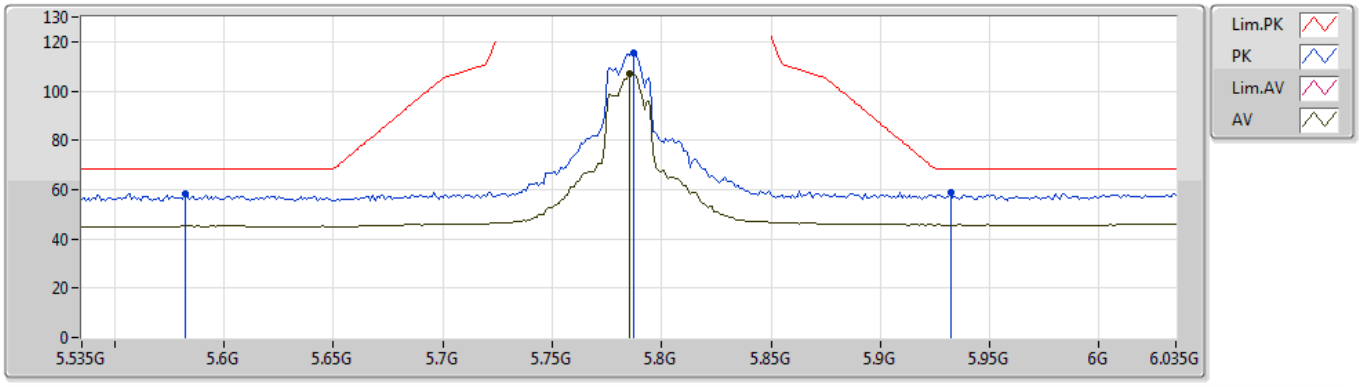
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.566G	57.99	68.20	-10.21	5.47	3	Vertical	59	1.48	-	52.52
PK	5.784G	111.94	Inf	-Inf	5.72	3	Vertical	59	1.48	-	106.22
AV	5.783G	103.24	Inf	-Inf	5.73	3	Vertical	59	1.48	-	97.51
PK	5.956G	59.37	68.20	-8.83	6.52	3	Vertical	59	1.48	-	52.85

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

02/03/2020



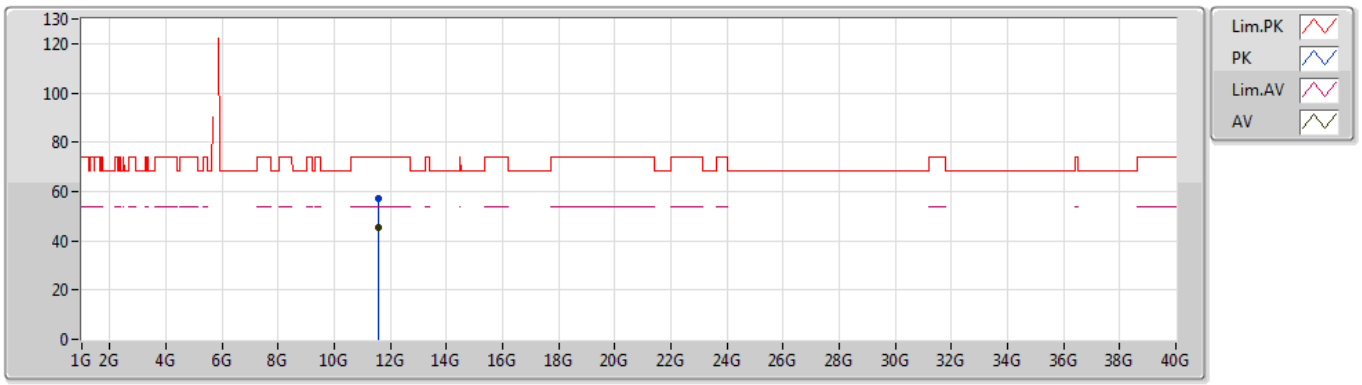
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.582G	58.23	68.20	-9.97	5.53	3	Horizontal	237	1.42	-	52.70
PK	5.787G	115.66	Inf	-Inf	5.72	3	Horizontal	237	1.42	-	109.94
AV	5.785G	107.16	Inf	-Inf	5.72	3	Horizontal	237	1.42	-	101.44
PK	5.932G	58.61	68.20	-9.59	6.44	3	Horizontal	237	1.42	-	52.17

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

02/03/2020



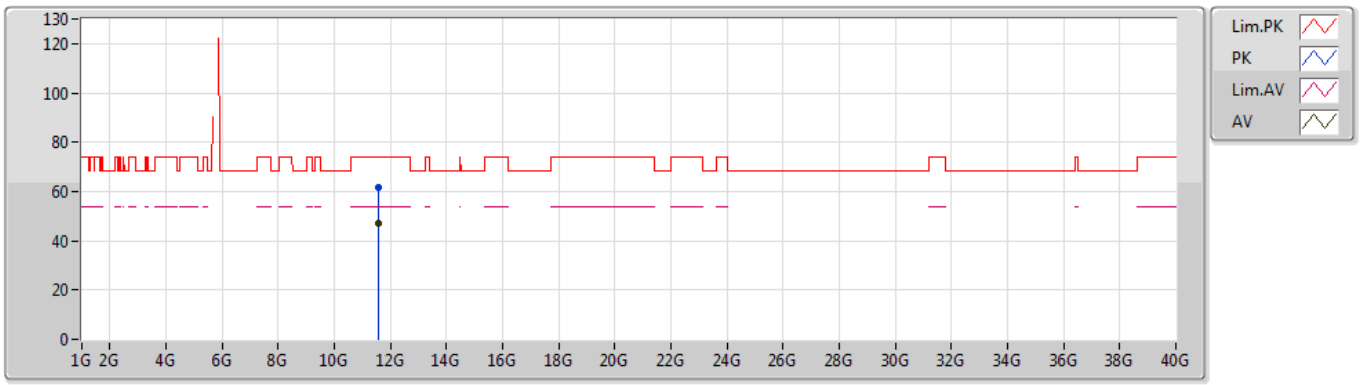
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.56802G	57.42	74.00	-16.58	11.59	3	Vertical	261	2.23	-	45.83
AV	11.5679G	45.43	54.00	-8.57	11.59	3	Vertical	261	2.23	-	33.84

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

02/03/2020



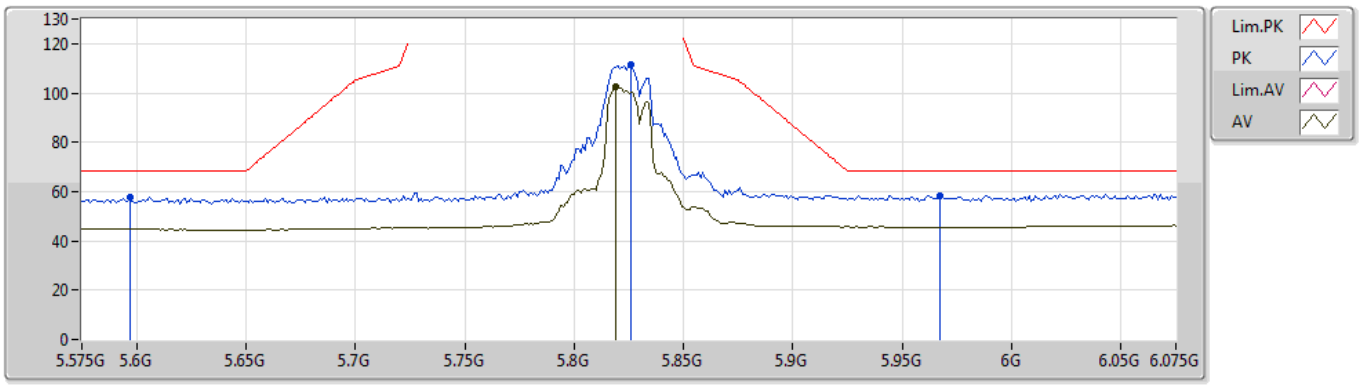
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.57858G	61.47	74.00	-12.53	11.57	3	Horizontal	133	1.45	-	49.90
AV	11.56262G	46.86	54.00	-7.14	11.59	3	Horizontal	133	1.45	-	35.27

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

02/03/2020



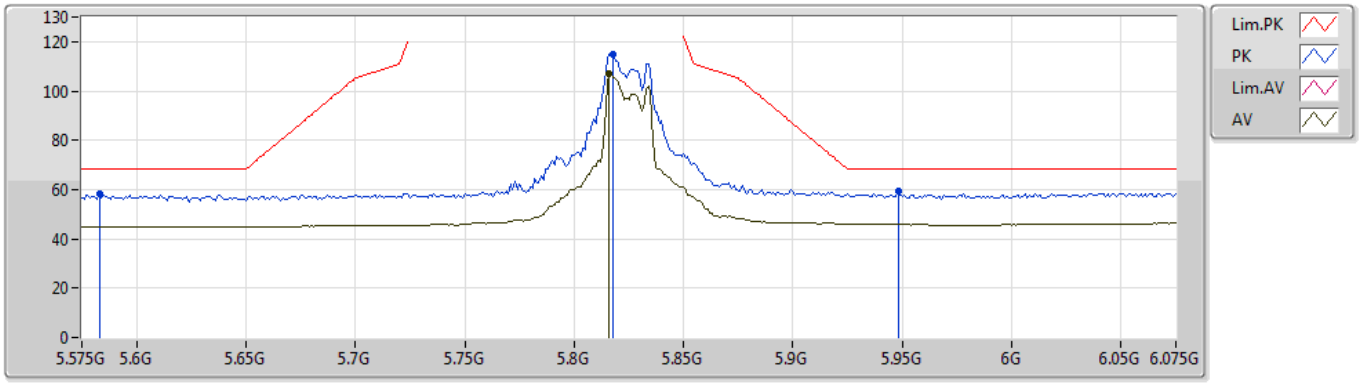
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.597G	57.98	68.20	-10.22	5.57	3	Vertical	264	1.50	-	52.41
PK	5.826G	111.54	Inf	-Inf	5.89	3	Vertical	264	1.50	-	105.65
AV	5.819G	102.61	Inf	-Inf	5.85	3	Vertical	264	1.50	-	96.76
PK	5.967G	58.38	68.20	-9.82	6.57	3	Vertical	264	1.50	-	51.81

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

02/03/2020



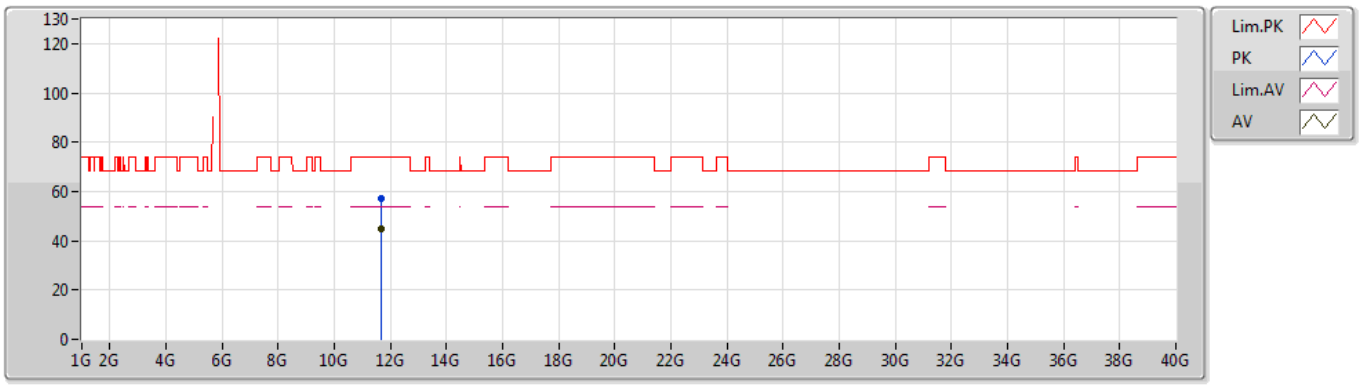
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.583G	58.08	68.20	-10.12	5.54	3	Horizontal	310	1.50	-	52.54
PK	5.818G	114.90	Inf	-Inf	5.85	3	Horizontal	310	1.50	-	109.05
AV	5.816G	107.15	Inf	-Inf	5.84	3	Horizontal	310	1.50	-	101.31
PK	5.948G	59.16	68.20	-9.04	6.50	3	Horizontal	310	1.50	-	52.66

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

02/03/2020



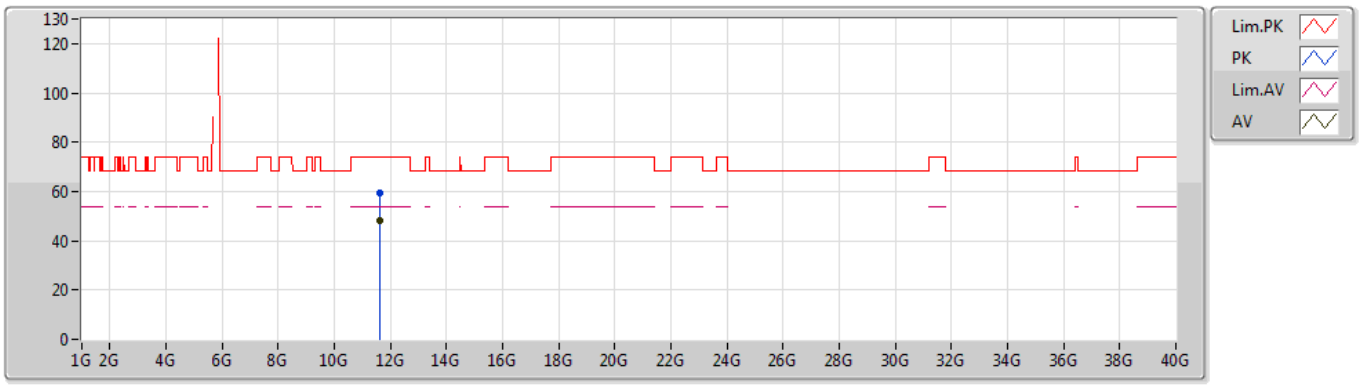
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.64808G	57.27	74.00	-16.73	11.49	3	Vertical	259	2.17	-	45.78
AV	11.64892G	44.61	54.00	-9.39	11.49	3	Vertical	259	2.17	-	33.12

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

02/03/2020



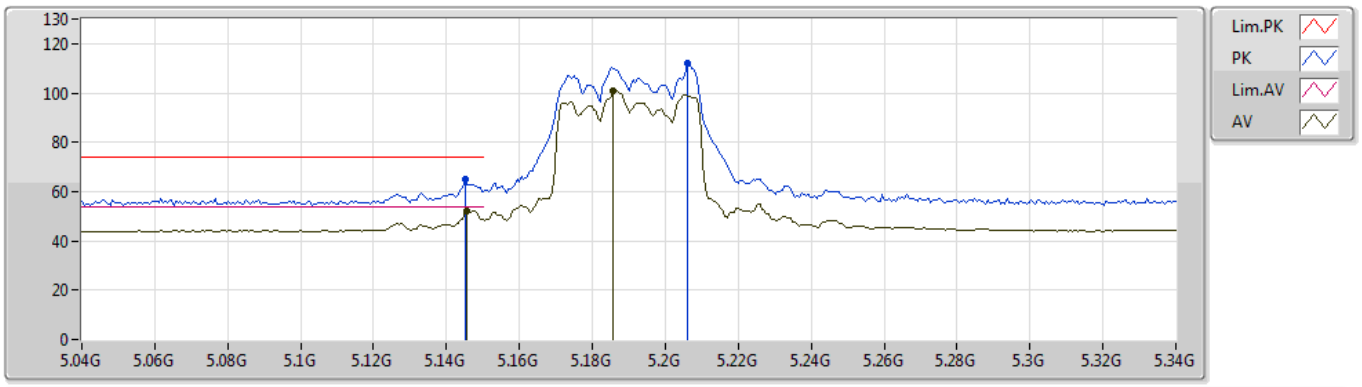
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.64316G	59.46	74.00	-14.54	11.49	3	Horizontal	136	1.35	-	47.97
AV	11.6428G	48.10	54.00	-5.90	11.49	3	Horizontal	136	1.35	-	36.61

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

02/03/2020



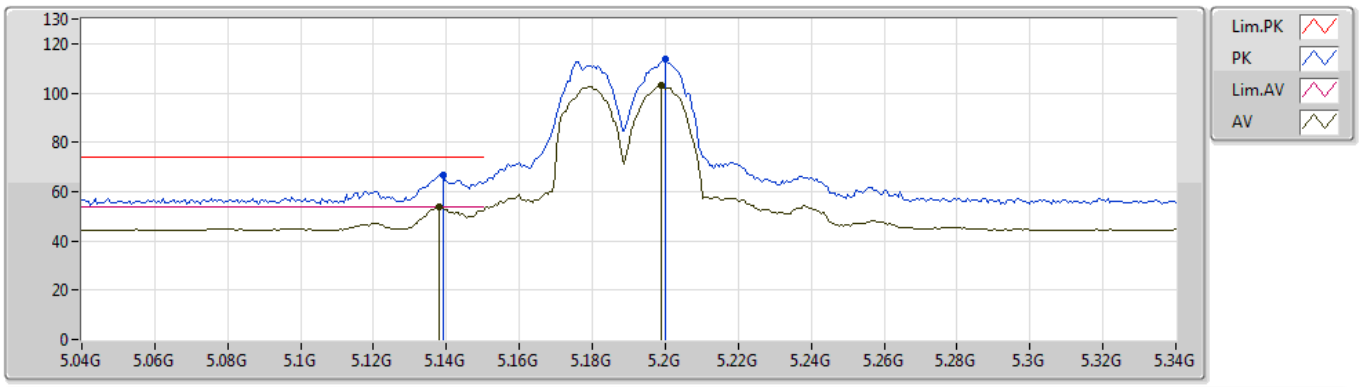
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.145G	65.04	74.00	-8.96	4.16	3	Vertical	47	1.45	-	60.88
AV	5.1456G	52.29	54.00	-1.71	4.16	3	Vertical	47	1.45	-	48.13
PK	5.2062G	112.20	Inf	-Inf	4.25	3	Vertical	47	1.45	-	107.95
AV	5.1858G	100.84	Inf	-Inf	4.22	3	Vertical	47	1.45	-	96.62

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

02/03/2020



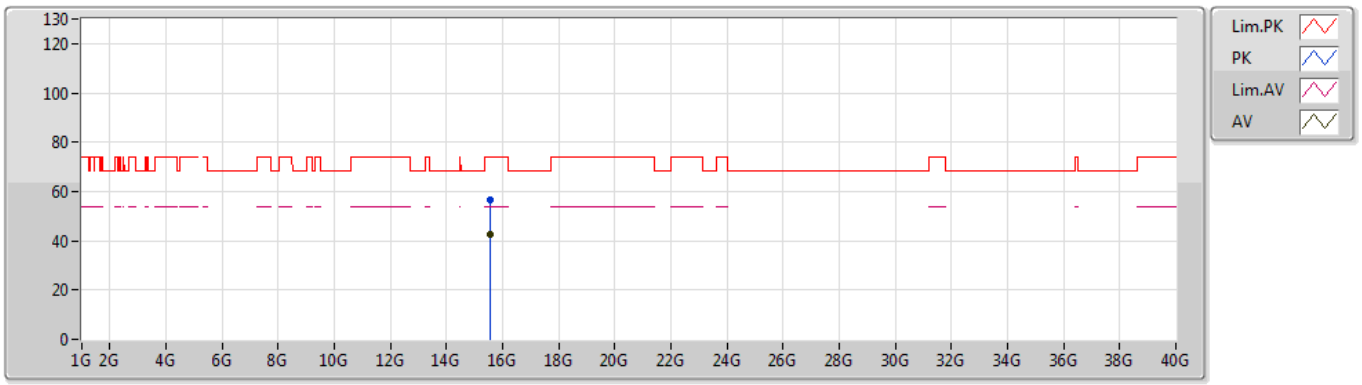
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.139G	66.58	74.00	-7.42	4.15	3	Horizontal	263	1.50	-	62.43
AV	5.1378G	53.98	54.00	-0.02	4.15	3	Horizontal	263	1.50	-	49.83
PK	5.2002G	113.58	Inf	-Inf	4.24	3	Horizontal	263	1.50	-	109.34
AV	5.199G	103.01	Inf	-Inf	4.24	3	Horizontal	263	1.50	-	98.77

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

02/03/2020



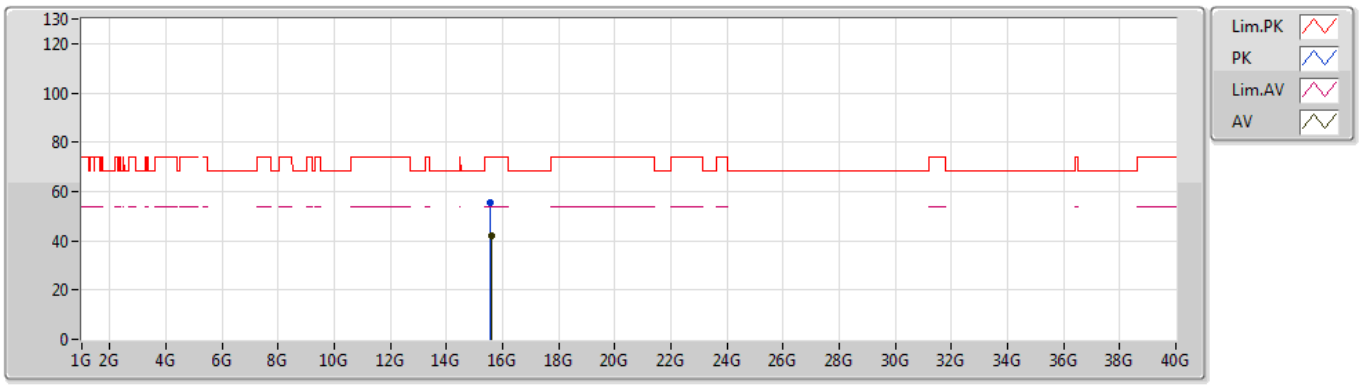
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.5602G	56.65	74.00	-17.35	11.37	3	Vertical	289	2.58	-	45.28
AV	15.5766G	42.39	54.00	-11.61	11.36	3	Vertical	289	2.58	-	31.03

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

02/03/2020



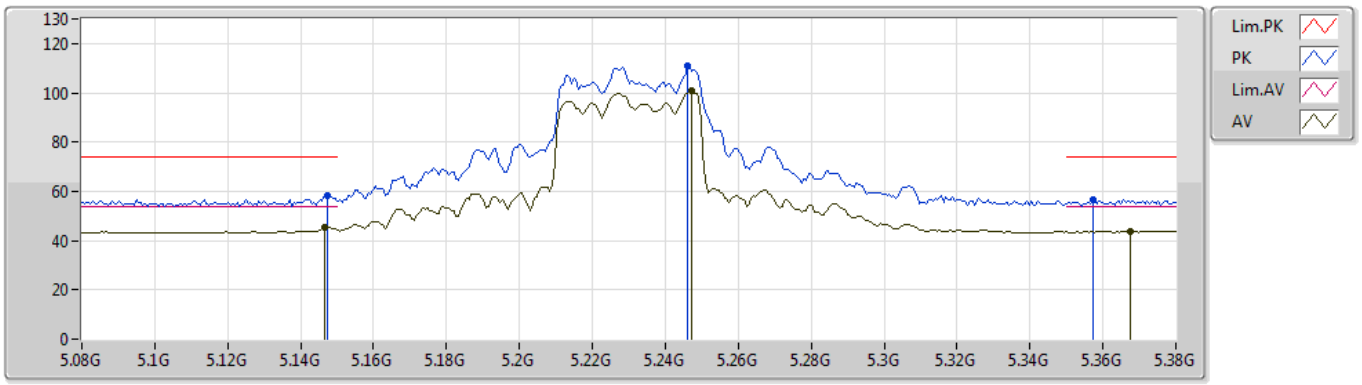
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.5679G	55.72	74.00	-18.28	11.37	3	Horizontal	25	2.33	-	44.35
AV	15.5869G	42.27	54.00	-11.73	11.34	3	Horizontal	25	2.33	-	30.93

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

02/03/2020



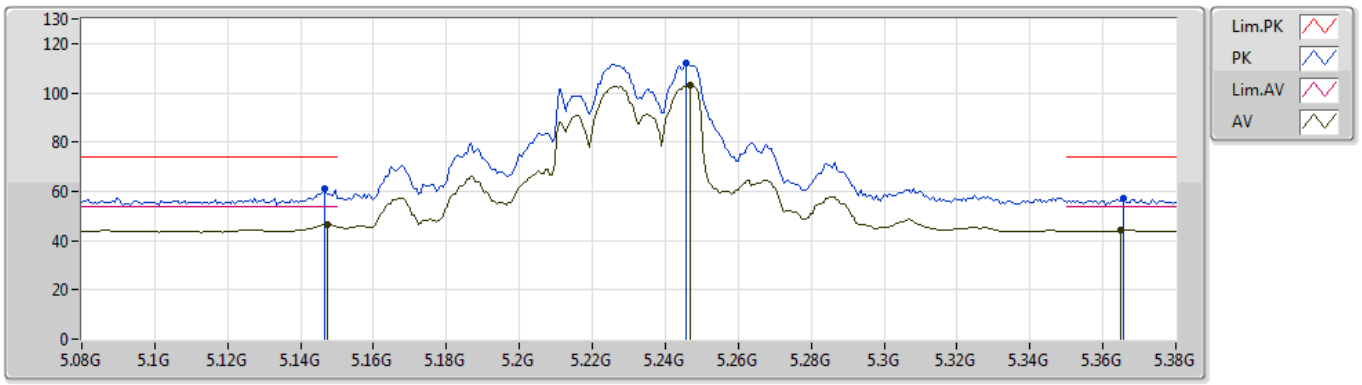
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1472G	58.49	74.00	-15.51	4.16	3	Vertical	51	1.50	-	54.33
AV	5.1466G	45.17	54.00	-8.83	4.16	3	Vertical	51	1.50	-	41.01
PK	5.2462G	111.05	Inf	-Inf	4.31	3	Vertical	51	1.50	-	106.74
AV	5.2474G	100.79	Inf	-Inf	4.31	3	Vertical	51	1.50	-	96.48
PK	5.3572G	56.78	74.00	-17.22	4.58	3	Vertical	51	1.50	-	52.20
AV	5.3674G	43.65	54.00	-10.35	4.61	3	Vertical	51	1.50	-	39.04

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

02/03/2020



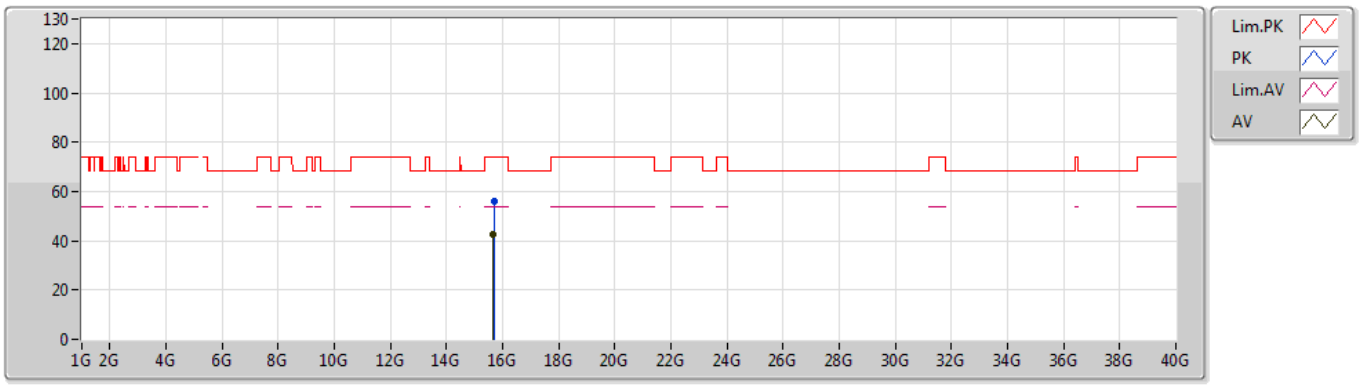
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1466G	60.94	74.00	-13.06	4.16	3	Horizontal	243	1.50	-	56.78
AV	5.1472G	46.39	54.00	-7.61	4.16	3	Horizontal	243	1.50	-	42.23
PK	5.2456G	112.33	Inf	-Inf	4.31	3	Horizontal	243	1.50	-	108.02
AV	5.2468G	103.15	Inf	-Inf	4.31	3	Horizontal	243	1.50	-	98.84
PK	5.3656G	56.94	74.00	-17.06	4.61	3	Horizontal	243	1.50	-	52.33
AV	5.365G	44.15	54.00	-9.85	4.61	3	Horizontal	243	1.50	-	39.54

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

02/03/2020



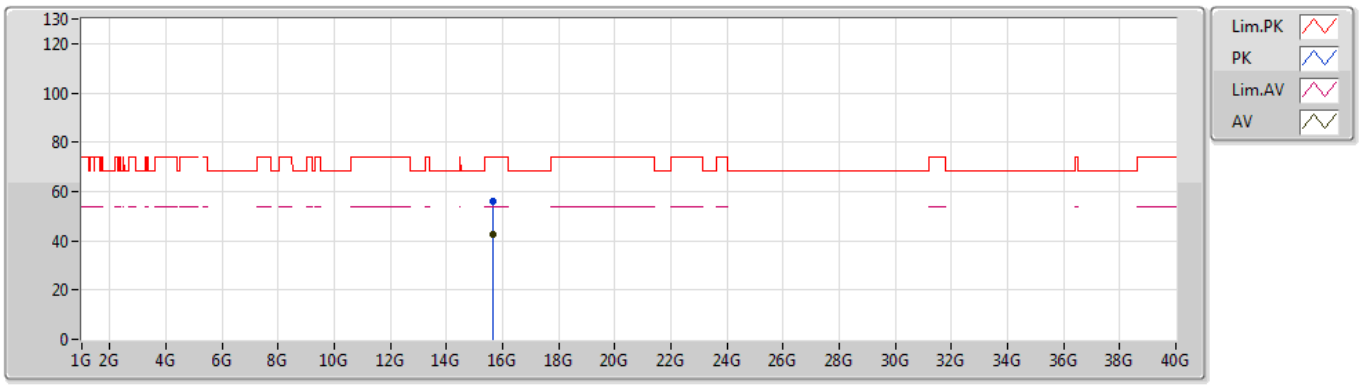
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.6812G	56.17	74.00	-17.83	11.21	3	Vertical	24	1.58	-	44.96
AV	15.675G	42.59	54.00	-11.41	11.22	3	Vertical	24	1.58	-	31.37

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

02/03/2020



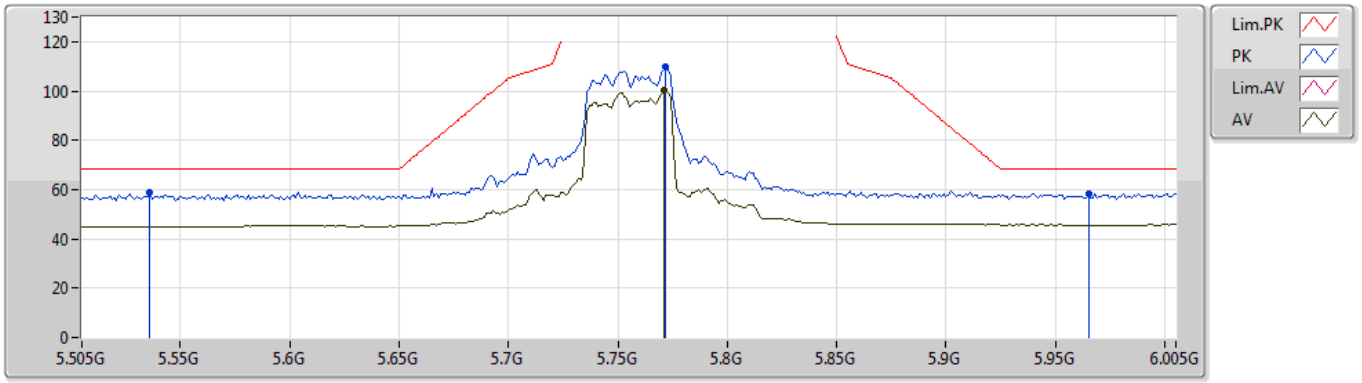
EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.6717G	56.21	74.00	-17.79	11.23	3	Horizontal	251	2.14	-	44.98
AV	15.6751G	42.73	54.00	-11.27	11.22	3	Horizontal	251	2.14	-	31.51

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

02/03/2020



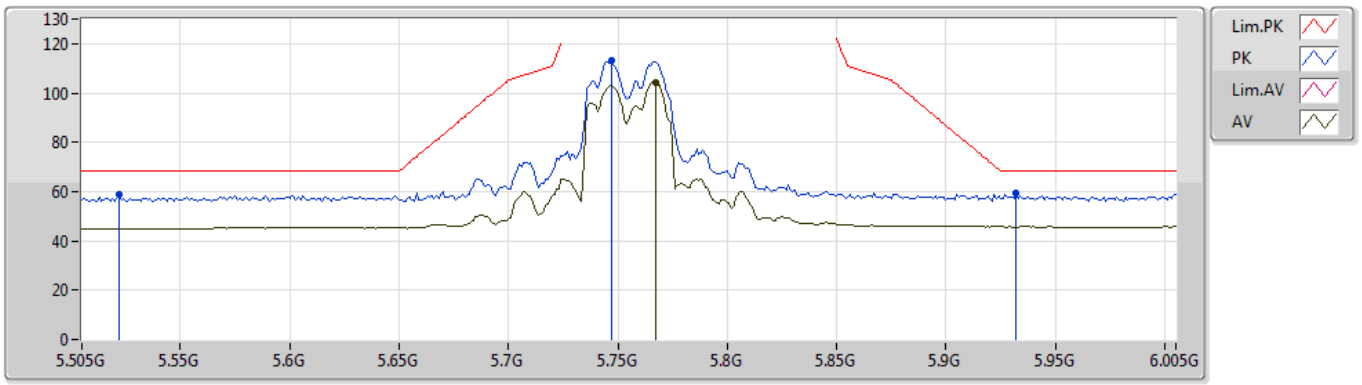
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.536G	58.78	68.20	-9.42	5.36	3	Vertical	54	1.50	-	53.42
PK	5.772G	109.68	Inf	-Inf	5.70	3	Vertical	54	1.50	-	103.98
AV	5.771G	100.10	Inf	-Inf	5.70	3	Vertical	54	1.50	-	94.40
PK	5.965G	58.48	68.20	-9.72	6.56	3	Vertical	54	1.50	-	51.92

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

02/03/2020



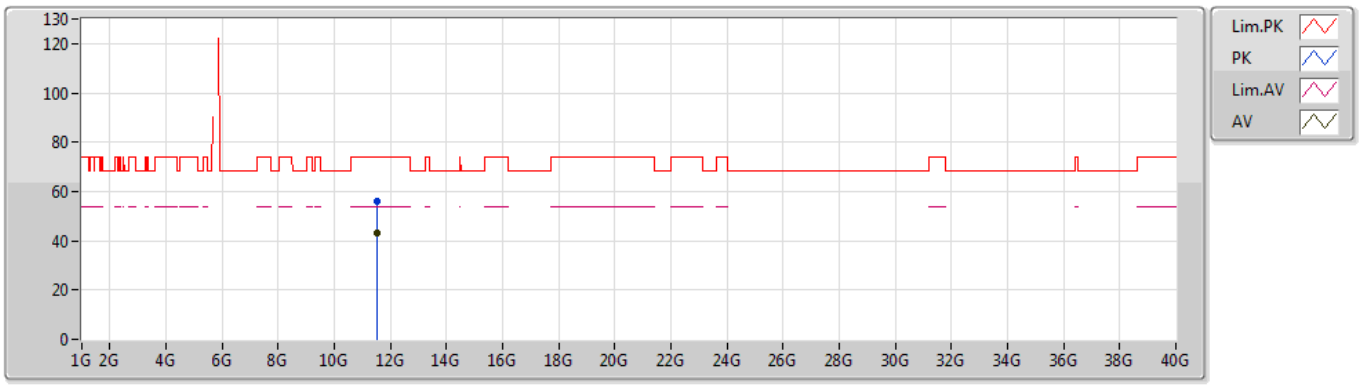
EUT Y_4TX
04-F-W-3-10

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.522G	59.01	68.20	-9.19	5.31	3	Horizontal	310	2.12	-	53.70
PK	5.747G	112.92	Inf	-Inf	5.68	3	Horizontal	310	2.12	-	107.24
AV	5.767G	104.25	Inf	-Inf	5.70	3	Horizontal	310	2.12	-	98.55
PK	5.932G	59.25	68.20	-8.95	6.44	3	Horizontal	310	2.12	-	52.81

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

02/03/2020



EUT Y_4TX
04-F-W-3

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.5087G	56.26	74.00	-17.74	11.66	3	Vertical	300	2.99	-	44.60
AV	11.5071G	43.32	54.00	-10.68	11.66	3	Vertical	300	2.99	-	31.66