Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	MSQ-RTAX8D00
Equipment	:	TUF Gaming AX5400 Dual Band Wi-Fi 6 Router
Brand Name	:	ASUS
Model Name	:	TUF-AX5400
Applicant	:	ASUSTeK COMPUTER INC. 1F., No. 15, Lide Rd., Beitou, Taipei 112, Taiwan
Manufacturer (1)	:	SHENZHEN GONGJIN ELECTRONICS CO.,LTD No.2 Danzi North Road, Kengzi Street, Pingshan District, Shenzhen, Guangdong, 518118, P.R. China
Manufacturer (2)	:	GONGJIN ELECTRONICS(VIETNAM) COMPANY LIMITED Factory No.31&32, An Duong Industrial Zone, Hong Phong Commune, An Duong District, Hai Phong Vietnam
Standard	:	47 CFR FCC Part 15.407

The product was received on Mar. 18, 2021, and testing was started from Jun. 25, 2021 and completed on Jul. 05, 2021. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR122414AB	01	Initial issue of report	Jul. 27, 2021

Summary of Test Result

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

Declaration of Conformity:

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

Comments and Explanations:

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

Reviewed by: Sam Chen

Report Producer: Viola Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5720	100-142 [12]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5710	102-140 [6]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

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

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW80-BF	80	4
5.15-5.25GHz	802.11ac VHT160	160	4
5.15-5.25GHz	802.11ac VHT160-BF	160	4
5.15-5.25GHz	802.11ax HEW160	160	4
5.15-5.25GHz	802.11ax HEW160-BF	160	4
5.25-5.35GHz	802.11a	20	4
5.25-5.35GHz	802.11n HT20	20	4
5.25-5.35GHz	802.11n HT20-BF	20	4
5.25-5.35GHz	802.11ac VHT20	20	4
5.25-5.35GHz	802.11ac VHT20-BF	20	4
5.25-5.35GHz	802.11ax HEW20	20	4
5.25-5.35GHz	802.11ax HEW20-BF	20	4
5.25-5.35GHz	802.11n HT40	40	4
5.25-5.35GHz	802.11n HT40-BF	40	4
5.25-5.35GHz	802.11ac VHT40	40	4
5.25-5.35GHz	802.11ac VHT40-BF	40	4
5.25-5.35GHz	802.11ax HEW40	40	4
5.25-5.35GHz	802.11ax HEW40-BF	40	4
5.25-5.35GHz	802.11ac VHT80	80	4
5.25-5.35GHz	802.11ac VHT80-BF	80	4
5.25-5.35GHz	802.11ax HEW80	80	4
5.25-5.35GHz	802.11ax HEW80-BF	80	4
5.25-5.35GHz	802.11ac VHT160	160	4
5.25-5.35GHz	802.11ac VHT160-BF	160	4
5.25-5.35GHz	802.11ax HEW160	160	4
5.25-5.35GHz	802.11ax HEW160-BF	160	4
5.47-5.725GHz	802.11a	20	4
5.47-5.725GHz	802.11n HT20	20	4
5.47-5.725GHz	802.11n HT20-BF	20	4
5.47-5.725GHz	802.11ac VHT20	20	4
5.47-5.725GHz	802.11ac VHT20-BF	20	4
5.47-5.725GHz	802.11ax HEW20	20	4
5.47-5.725GHz	802.11ax HEW20-BF	20	4
5.47-5.725GHz	802.11n HT40	40	4
5.47-5.725GHz	802.11n HT40-BF	40	4
5.47-5.725GHz	802.11ac VHT40	40	4
5.47-5.725GHz	802.11ac VHT40-BF	40	4
5.47-5.725GHz	802.11ax HEW40	40	4
5.47-5.725GHz	802.11ax HEW40-BF	40	4
5.47-5.725GHz	802.11ac VHT80	80	4

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11ac VHT80-BF	80	4
5.47-5.725GHz	802.11ax HEW80	80	4
5.47-5.725GHz	802.11ax HEW80-BF	80	4
5.47-5.725GHz	802.11ac VHT160	160	4
5.47-5.725GHz	802.11ac VHT160-BF	160	4
5.47-5.725GHz	802.11ax HEW160	160	4
5.47-5.725GHz	802.11ax HEW160-BF	160	4
5.725-5.85GHz	802.11a	20	4
5.725-5.85GHz	802.11n HT20	20	4
5.725-5.85GHz	802.11n HT20-BF	20	4
5.725-5.85GHz	802.11ac VHT20	20	4
5.725-5.85GHz	802.11ac VHT20-BF	20	4
5.725-5.85GHz	802.11ax HEW20	20	4
5.725-5.85GHz	802.11ax HEW20-BF	20	4
5.725-5.85GHz	802.11n HT40	40	4
5.725-5.85GHz	802.11n HT40-BF	40	4
5.725-5.85GHz	802.11ac VHT40	40	4
5.725-5.85GHz	802.11ac VHT40-BF	40	4
5.725-5.85GHz	802.11ax HEW40	40	4
5.725-5.85GHz	802.11ax HEW40-BF	40	4
5.725-5.85GHz	802.11ac VHT80	80	4
5.725-5.85GHz	802.11ac VHT80-BF	80	4
5.725-5.85GHz	802.11ax HEW80	80	4
5.725-5.85GHz	802.11ax HEW80-BF	80	4

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

1.1.2 Antenna Information

Ant.	Port	Brand Holder	P/N	Antenna Type	Connector	Gain (dBi)				
						WLAN 2.4GHz	WLAN 5GHz Band 1	WLAN 5GHz Band 2	WLAN 5GHz Band 3	WLAN 5GHz Band 4
1	1	Dongguan RF Electronic Technology Co., Ltd	RF21C06549A	Dipole	I-PEX	4.68	-	-	-	-
2	2	Dongguan RF Electronic Technology Co., Ltd	RF21C06550A	Dipole	I-PEX	5.28	-	-	-	-
3	1	Dongguan RF Electronic Technology Co., Ltd	RF21C06543A	Dipole	I-PEX	-	1.76	1.84	2	1.97
4	2	Dongguan RF Electronic Technology Co., Ltd	RF21C06539A	Dipole	I-PEX	-	2.14	2.14	2.22	2.38
5	3	Dongguan RF Electronic Technology Co., Ltd	RF21C06539A	Dipole	I-PEX	-	2.14	2.14	2.22	2.38
6	4	Dongguan RF Electronic Technology Co., Ltd	RF21C06540A	Dipole	I-PEX	-	1.77	1.77	1.67	2.16

Note: The above information was declared by manufacturer.

For 2.4GHz function:

IEEE 802.11b/g/n/VHT/ax (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

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

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

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

1.1.3 Mode Test Duty Cycle

For 4T1S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.978	0.1	4.48m	300
802.11ax HEW20-BF	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40-BF	0.964	0.16	4.41m	300
802.11ax HEW80-BF	0.944	0.25	4.16m	300
802.11ax HEW160-BF	0.936	0.29	4.82m	300

For 4T2S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.978	0.1	4.48m	300
802.11ax HEW20-BF	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40-BF	0.964	0.16	4.41m	300
802.11ax HEW80-BF	0.944	0.25	4.16m	300
802.11ax HEW160-BF	0.936	0.29	4.82m	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 11n/VHT/11ax in 2.4GHz and 11n/11ac/11ax in 5GHz.			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	Mtool ver3.1.0.3			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT Flash source

EUT	Flash source
EUT 1	Main source
EUT 2	Second source

Note 1: From the above EUTs, EUT: EUT 2 was selected as representative EUT for all the tests and its data was recorded in this report; EUT 1 was selected as representative EUT for Unwanted Emissions below 1GHz test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.

1.1.6 Table for EUT supports functions

Function	Support Type
AP Router	Master
Bridge	Slave without radar detection
Repeater	Master
Mesh	Master

Note 1: After evaluating, there are only AP Router was selected to test and record in the report.

Note 2: The above information was declared by manufacturer.

1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH02-CB	Gino Huang	23.8-25.5 / 63-67	Jul. 03, 2021~Jul. 05, 2021
Radiated below 1GHz	03CH05-CB	Brian Sun	25.4-27 / 65-69	Jun. 28, 2021~Jul. 05, 2021
Radiated above 1GHz	03CH02-CB	Brian Sun	26-27.7 / 63-66	Jun. 28, 2021~Jul. 05, 2021
AC Conduction	CO02-CB	Wei Li	22-24 / 58-62	Jun. 25, 2021

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

For 4T1S

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	88
5200MHz	88
5240MHz	88
5260MHz	62
5300MHz	63
5320MHz	64
5500MHz	63
5580MHz	63
5700MHz	63
5720MHz Straddle 5.47-5.725GHz	63
5720MHz Straddle 5.725-5.85GHz	63
5745MHz	97
5785MHz	98
5825MHz	99
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	87
5200MHz	87
5240MHz	88
5260MHz	63
5300MHz	64
5320MHz	65
5500MHz	64
5580MHz	64
5700MHz	64
5720MHz Straddle 5.47-5.725GHz	62
5720MHz Straddle 5.725-5.85GHz	62
5745MHz	86
5785MHz	87
5825MHz	87
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	77
5230MHz	90
5270MHz	64
5310MHz	65

Mode	Power Setting
5510MHz	64
5550MHz	64
5670MHz	63
5710MHz Straddle 5.47-5.725GHz	62
5710MHz Straddle 5.725-5.85GHz	62
5755MHz	86
5795MHz	87
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	80
5290MHz	64
5530MHz	63
5610MHz	63
5690MHz Straddle 5.47-5.725GHz	61
5690MHz Straddle 5.725-5.85GHz	61
5775MHz	86
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	70
5250MHz Straddle 5.25-5.35GHz	70
5570MHz	65

For 4T2S

Mode	Power Setting
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-
5180MHz	89
5200MHz	96
5240MHz	97
5260MHz	71
5300MHz	72
5320MHz	73
5500MHz	72
5580MHz	73
5700MHz	73
5720MHz Straddle 5.47-5.725GHz	69
5720MHz Straddle 5.725-5.85GHz	69
5745MHz	99
5785MHz	99
5825MHz	97
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-
5190MHz	80
5230MHz	98
5270MHz	73
5310MHz	73
5510MHz	73
5550MHz	73
5670MHz	71
5710MHz Straddle 5.47-5.725GHz	71
5710MHz Straddle 5.725-5.85GHz	71
5755MHz	94
5795MHz	95
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-
5210MHz	81
5290MHz	72
5530MHz	71
5610MHz	70
5690MHz Straddle 5.47-5.725GHz	69
5690MHz Straddle 5.725-5.85GHz	69
5775MHz	86
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	79
5250MHz Straddle 5.25-5.35GHz	79
5570MHz	73

Note:
- Evaluated HEW20/HEW40/HEW80/HEW160 mode only, due to similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160 mode are the same or lower than HEW20/HEW40/HEW80/HEW160 for 4T1S.
- There are two modes of EUT, one is beamforming mode, and the other is Non-beamforming mode for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz. For 4T1S, only beamforming mode has been tested.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT 1 + Adapter

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Output Power Power Spectral Density
Test Condition	Conducted measurement at transmit chains
Test Mode	EUT 2

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
1	EUT 2 in Z axis_2.4GHz + Adapter
2	EUT 2 in Z axis_5GHz + Adapter
Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT 1 in Z axis_2.4GHz + Adapter
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
1	EUT 2 in Z axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT 2_WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA122414 for Co-location RF Exposure Evaluation.	

Note: The EUT can only use Z 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:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

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

The program was executed as follows:

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

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter	Frecom	F30L10-120250SPAU	INPUT: 100-240V ~ 50/60Hz, 1.25A OUTPUT: 12.0V, 2.5A, 30.0W
Other			
RJ-45 cable*1: Non-shielded, 1.5m			

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN1 NB	DELL	E6430	N/A
B	2.4G NB	DELL	E6430	N/A
C	5G NB	DELL	E6430	N/A
D	WAN NB	DELL	E6430	N/A
E	LAN4 NB	DELL	E6430	N/A
F	Flash disk3.0	Transcend	JetFlash-700	N/A

For Radiated (below 1GHz):

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

For Radiated (above 1GHz):
For non beamforming mode

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

For beamforming mode

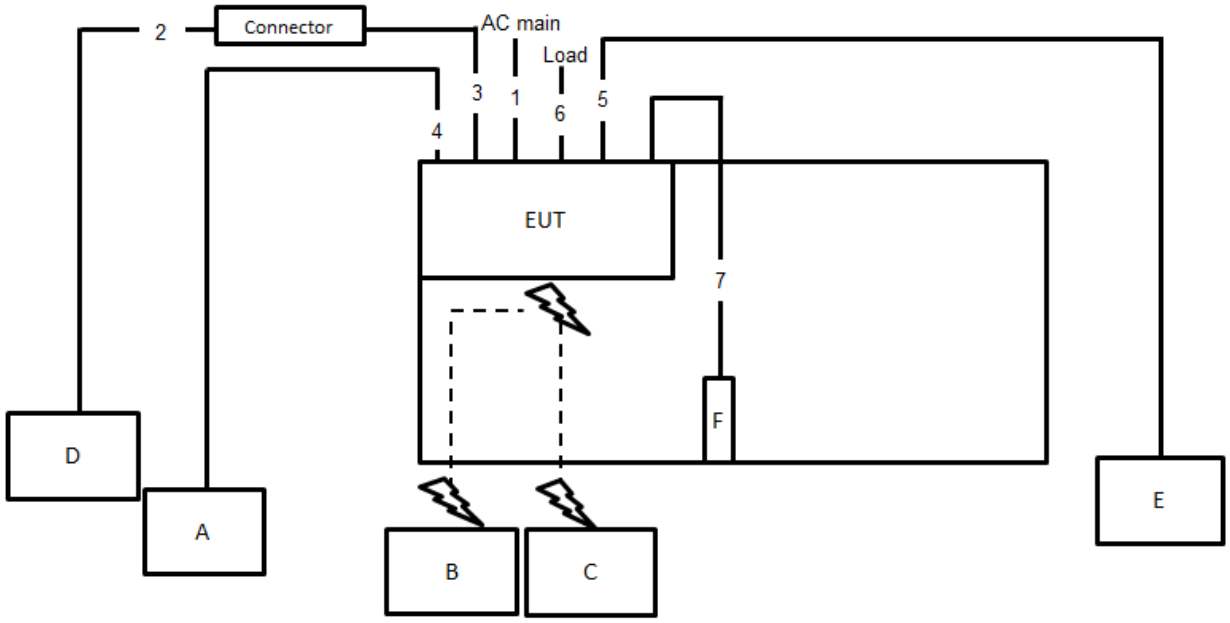
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	WLAN AP	ASUS	RT-AX88U	MSQ-RTAXHP00
C	Notebook	DELL	E4300	N/A

For RF Conducted:

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

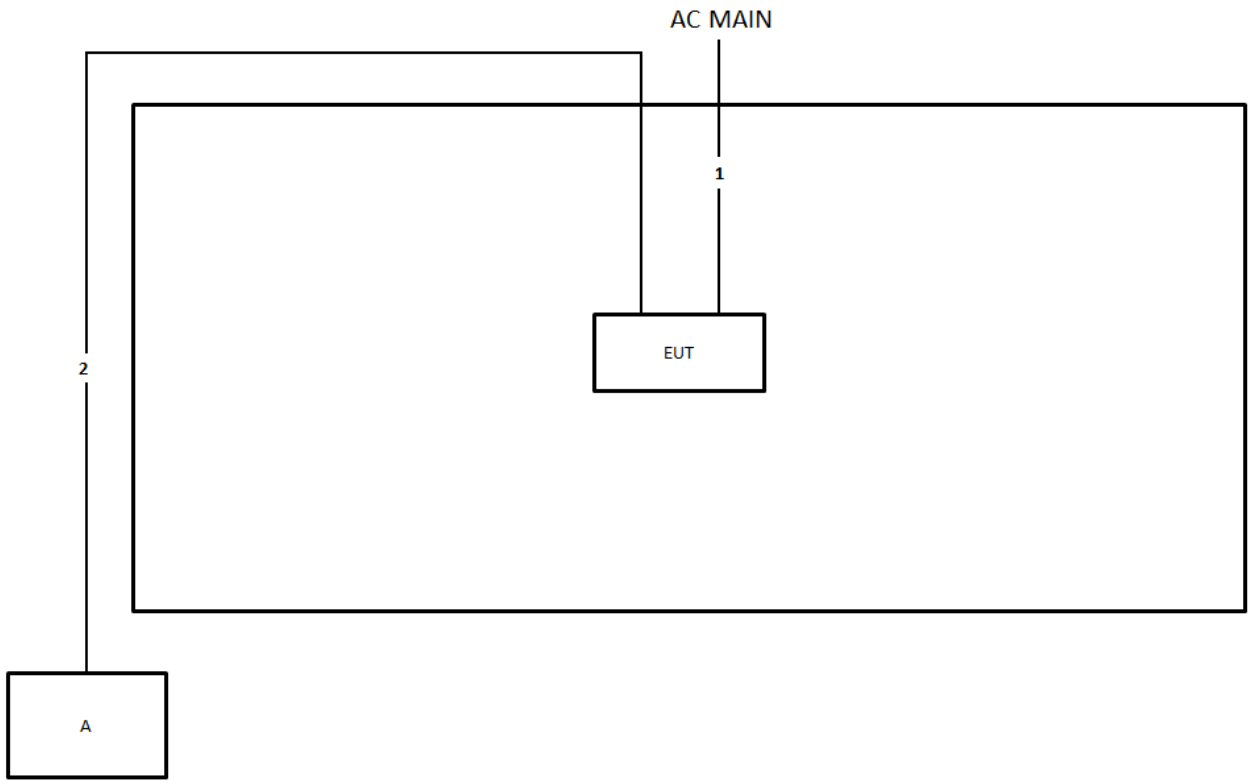
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



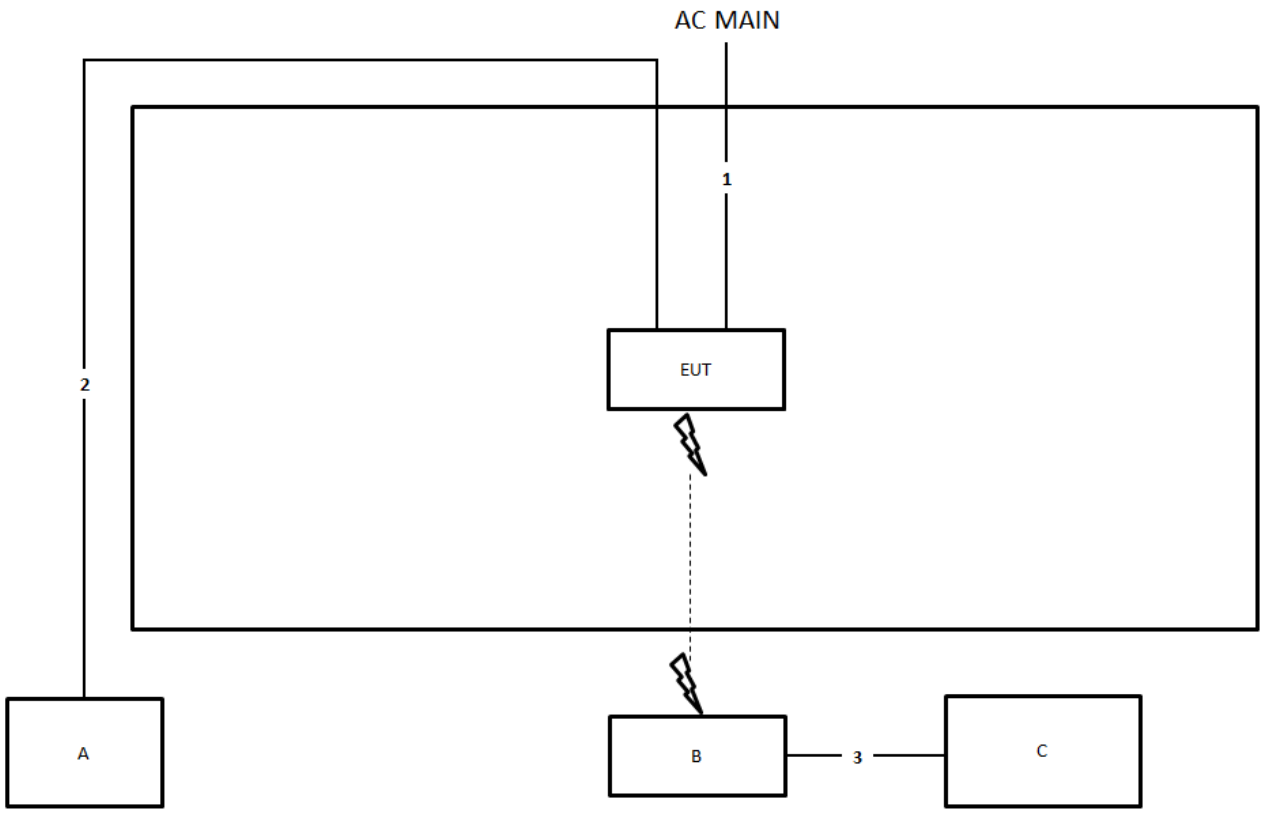
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m
4	RJ-45 cable	No	10m
5	RJ-45 cable	No	10m
6	RJ-45 cable*2	No	1.5m
7	USB cable	Yes	1.5m

Test Setup Diagram - Radiated Test < 1GHz and Radiated Test > 1GHz for non beamforming mode



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

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



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

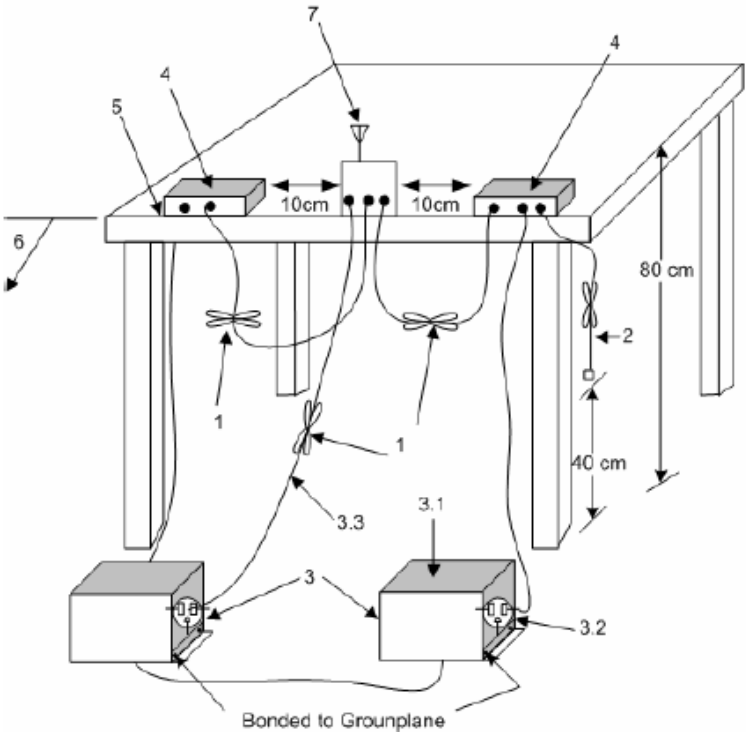
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.
☐	For the 5.85-5.895 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.

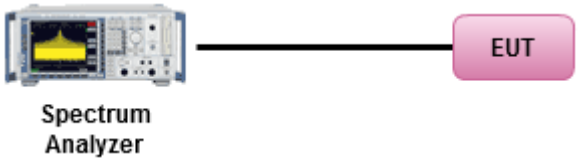
3.2.2 Measuring Instruments

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 Output Power

3.3.1 Limit

Maximum 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.
Maximum EIRP Limit	
☐	For the 5.85-5.895 GHz band:
	▪ Indoor AP & subordinate device < 36 dBm
	▪ Client device < 30 dBm
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.

P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.

3.3.2 Measuring Instruments

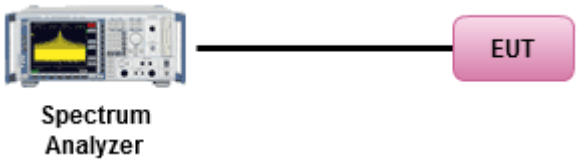
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

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

3.3.4 Test Setup

For Straddle channel

RF Output Power (Spectrum Analyzer)


For other channel

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 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.
EIRP Power Spectral Density Limit	
☐	For the 5.85-5.895 GHz band:
	▪ Indoor AP & subordinate device < 20dBm/MHz
	▪ Client device < 14dBm/MHz
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.

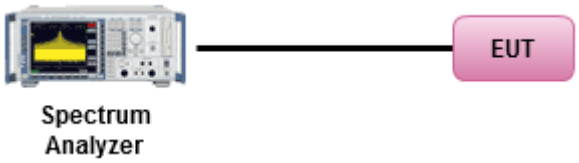
3.4.2 Measuring Instruments

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 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.
☐ 5.85 - 5.895 GHz	(i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of - 7 dBm/MHz at or above 5.925 GHz. (ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an

	e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz. (iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/ MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.
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

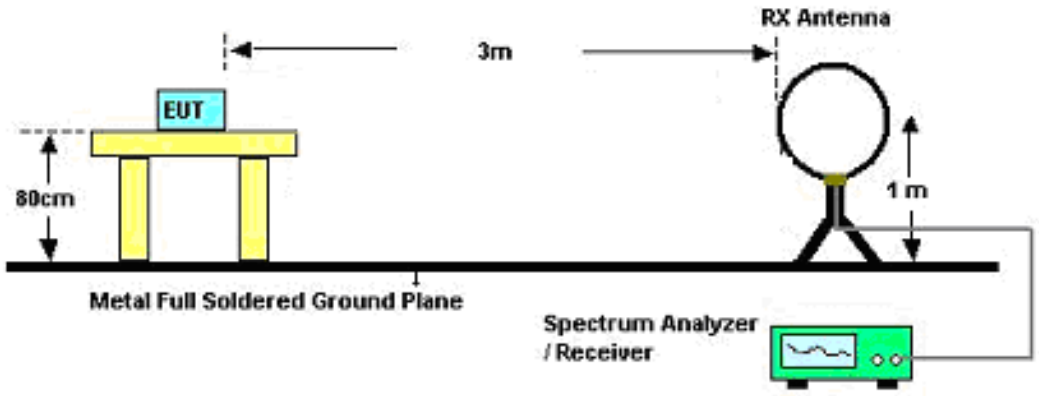
Test Method			
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies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

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

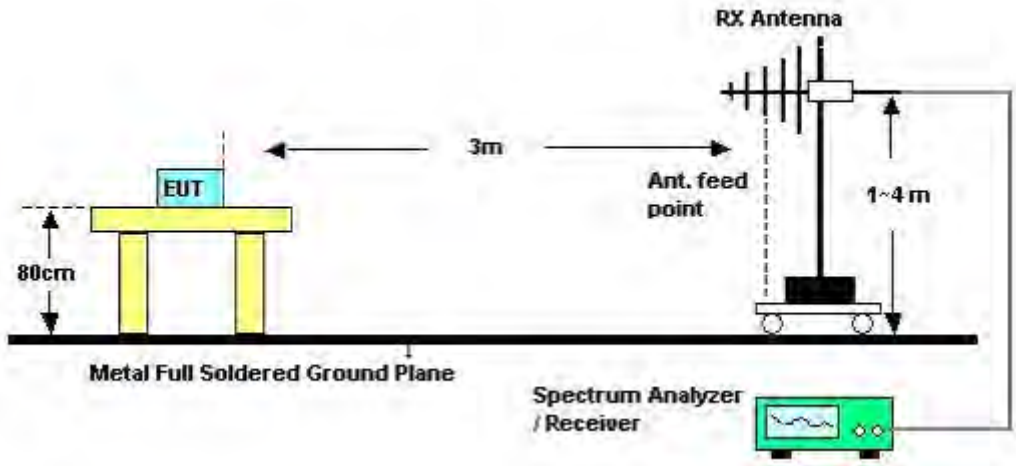
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

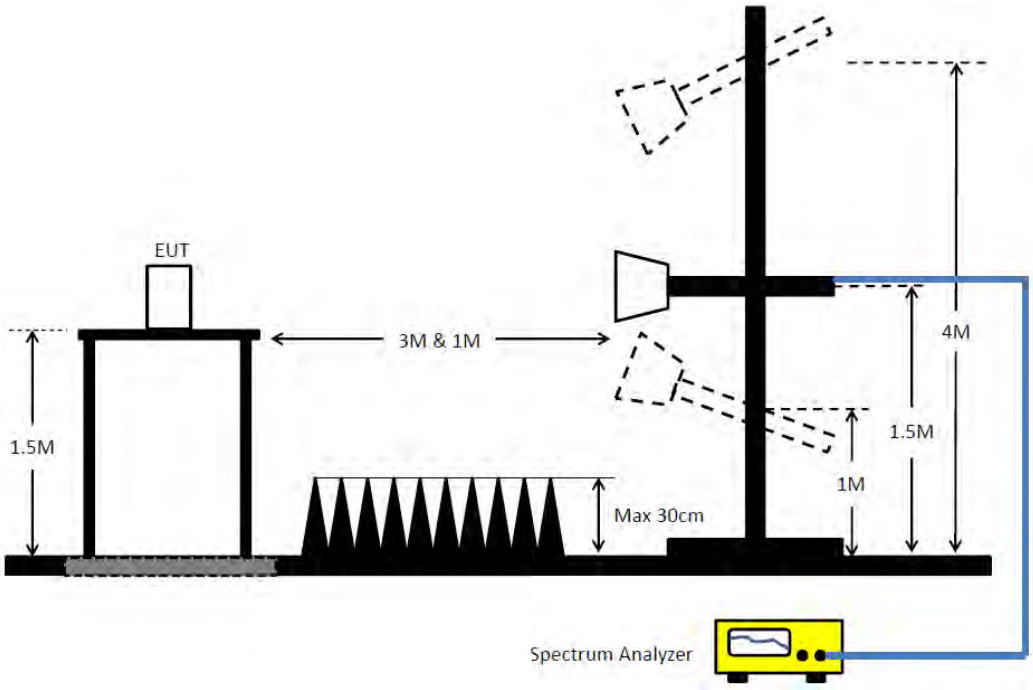
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Dec. 04, 2020	Dec. 03, 2021	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Nov. 20, 2020	Nov. 19, 2021	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 05, 2021	May 04, 2022	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 20, 2020	Oct. 19, 2021	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Mar. 18, 2021	Mar. 17, 2022	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 10, 2020	Aug. 09, 2021	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 26, 2021	Mar. 25, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 27, 2021	Apr. 26, 2022	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Nov. 10, 2020	Nov. 09, 2021	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz 3m	Mar. 27, 2021	Mar. 26, 2022	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	May 04, 2021	May 03, 2022	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 13, 2020	Jul. 12, 2021	Radiation (03CH02-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun.15, 2021	Jun. 14, 2022	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 15, 2020	Oct. 14, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jul. 27, 2020	Jul. 26, 2021	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 17, 2020	Sep. 16, 2021	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 17, 2020	Sep. 16, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

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

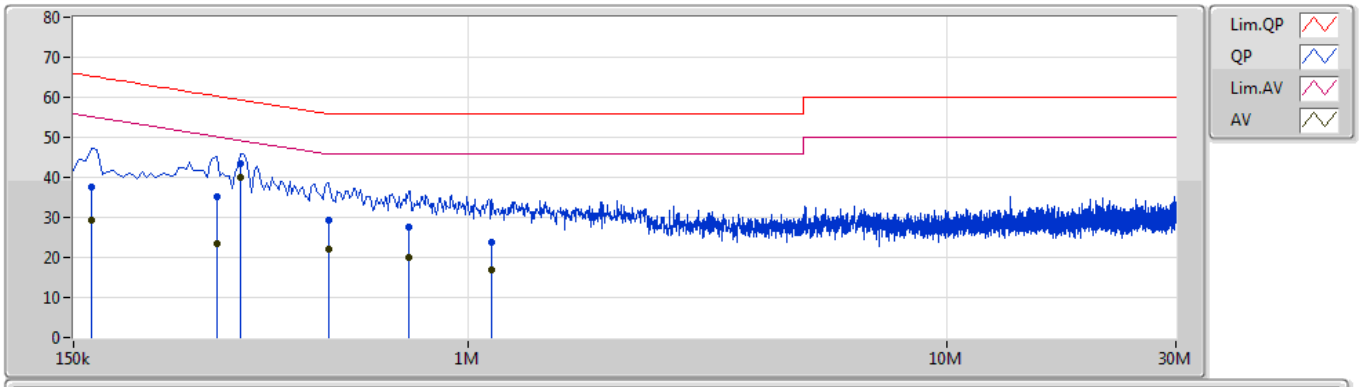
N.C.R. means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	334.5k	40.11	49.35	-9.24	Line

Mode 1

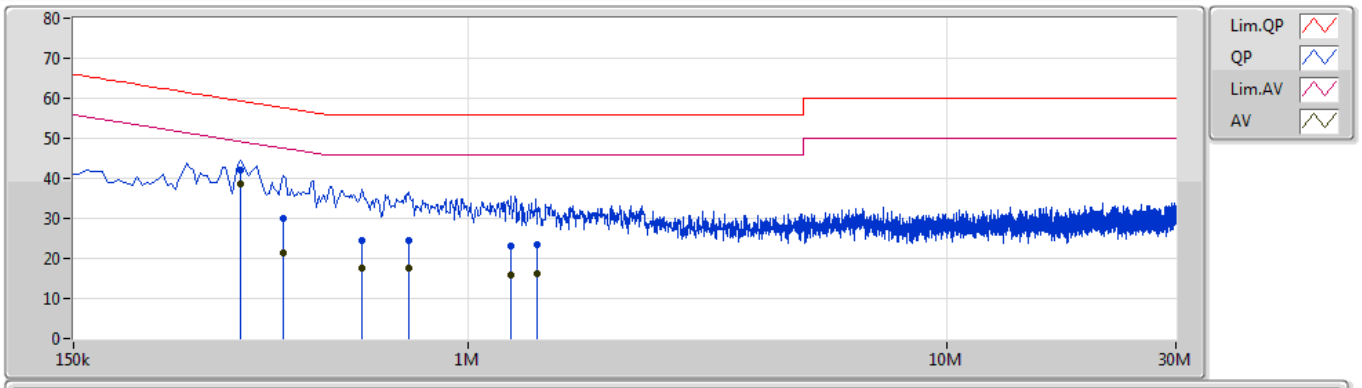
25/06/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	163.5k	37.71	65.27	-27.56	10.29	Line	-	27.42	0.07	0.07	10.15
AV	163.5k	29.15	55.27	-26.12	10.29	Line	-	18.86	0.07	0.07	10.15
QP	298.5k	35.32	60.28	-24.96	10.27	Line	-	25.05	0.08	0.06	10.13
AV	298.5k	23.43	50.28	-26.85	10.27	Line	-	13.16	0.08	0.06	10.13
QP	334.5k	43.33	59.35	-16.02	10.26	Line	-	33.07	0.08	0.06	10.12
AV	334.5k	40.11	49.35	-9.24	10.26	Line	"Worst"	29.85	0.08	0.06	10.12
QP	510k	29.40	56.00	-26.60	10.26	Line	-	19.14	0.08	0.07	10.11
AV	510k	22.16	46.00	-23.84	10.26	Line	-	11.90	0.08	0.07	10.11
QP	753k	27.70	56.00	-28.30	10.26	Line	-	17.44	0.09	0.07	10.10
AV	753k	19.98	46.00	-26.02	10.26	Line	-	9.72	0.09	0.07	10.10
QP	1.122M	23.93	56.00	-32.07	10.27	Line	-	13.66	0.09	0.08	10.10
AV	1.122M	16.79	46.00	-29.21	10.27	Line	-	6.52	0.09	0.08	10.10

Mode 1

25/06/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	334.5k	42.10	59.35	-17.25	10.24	Neutral	-	31.86	0.06	0.06	10.12
AV	334.5k	38.78	49.35	-10.57	10.24	Neutral	"Worst"	28.54	0.06	0.06	10.12
QP	411k	29.91	57.63	-27.72	10.23	Neutral	-	19.68	0.06	0.06	10.11
AV	411k	21.45	47.63	-26.18	10.23	Neutral	-	11.22	0.06	0.06	10.11
QP	600k	24.49	56.00	-31.51	10.25	Neutral	-	14.24	0.07	0.07	10.11
AV	600k	17.61	46.00	-28.39	10.25	Neutral	-	7.36	0.07	0.07	10.11
QP	753k	24.46	56.00	-31.54	10.24	Neutral	-	14.22	0.07	0.07	10.10
AV	753k	17.59	46.00	-28.41	10.24	Neutral	-	7.35	0.07	0.07	10.10
QP	1.226M	22.95	56.00	-33.05	10.28	Neutral	-	12.67	0.08	0.09	10.11
AV	1.226M	15.91	46.00	-30.09	10.28	Neutral	-	5.63	0.08	0.09	10.11
QP	1.388M	23.49	56.00	-32.51	10.28	Neutral	-	13.21	0.08	0.09	10.11
AV	1.388M	16.26	46.00	-29.74	10.28	Neutral	-	5.98	0.08	0.09	10.11

For 4T1S
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.75M	17.211M	17M2D1D	21.39M	16.942M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.87M	19.19M	19M2D1D	21.18M	19.04M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.2M	37.781M	37M8D1D	39.9M	37.661M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.96M	77.601M	77M6D1D	81.36M	77.361M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	82.8M	77.881M	77M9D1D	82M	77.721M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.78M	17.211M	17M2D1D	21.36M	16.912M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.87M	19.22M	19M2D1D	21.27M	19.04M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.14M	37.721M	37M7D1D	39.9M	37.661M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.96M	77.481M	77M5D1D	81.24M	77.241M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	82.96M	78.041M	78M0D1D	82.08M	77.881M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.72M	17.181M	17M2D1D	15.6M	13.478M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.87M	19.25M	19M2D1D	15.645M	14.573M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.2M	37.721M	37M7D1D	35.07M	33.723M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.08M	77.601M	77M6D1D	75.75M	73.388M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165.12M	155.202M	155MD1D	164.4M	154.723M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.35M	17.691M	17M7D1D	3.14M	4.178M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.05M	19.25M	19M2D1D	4.44M	4.578M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.74M	37.781M	37M8D1D	3.74M	4.058M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	76.92M	77.481M	77M5D1D	3.82M	4.078M

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

Result

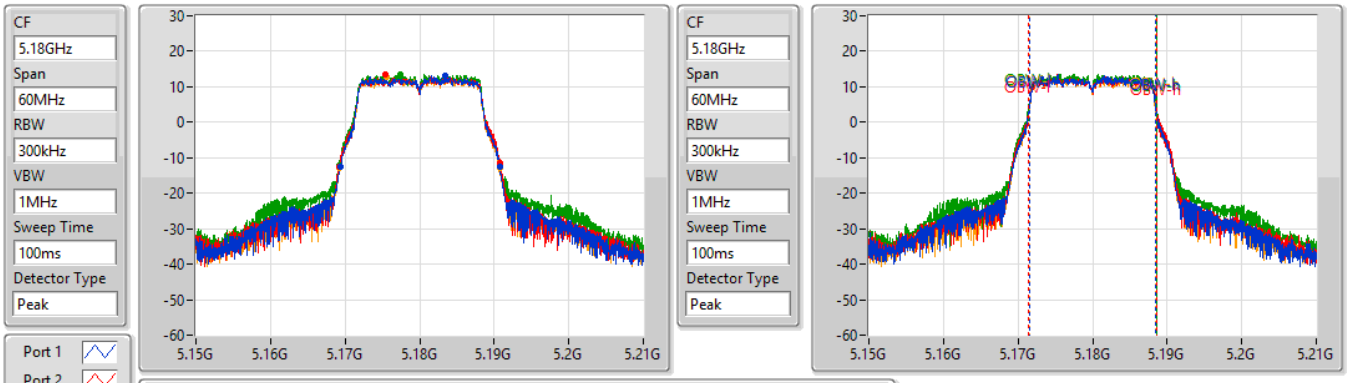
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.42M	17.001M	21.63M	17.181M	21.69M	17.091M	21.54M	16.942M
5200MHz	Pass	Inf	21.39M	17.001M	21.6M	17.211M	21.69M	17.151M	21.6M	16.942M
5240MHz	Pass	Inf	21.39M	17.001M	21.6M	17.211M	21.75M	17.121M	21.6M	16.942M
5260MHz	Pass	Inf	21.36M	16.972M	21.78M	17.151M	21.66M	17.061M	21.63M	16.912M
5300MHz	Pass	Inf	21.39M	16.972M	21.66M	17.151M	21.66M	17.091M	21.51M	16.912M
5320MHz	Pass	Inf	21.45M	16.972M	21.66M	17.211M	21.63M	17.091M	21.51M	16.912M
5500MHz	Pass	Inf	21.45M	17.001M	21.6M	17.181M	21.66M	17.091M	21.45M	16.942M
5580MHz	Pass	Inf	21.48M	17.001M	21.72M	17.151M	21.63M	17.091M	21.54M	16.942M
5700MHz	Pass	Inf	21.36M	16.972M	21.63M	17.181M	21.63M	17.031M	21.57M	16.912M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.6M	13.538M	15.69M	13.598M	15.75M	13.658M	15.63M	13.478M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.22M	4.178M	3.14M	4.358M	3.14M	4.218M	3.22M	4.198M
5745MHz	Pass	500k	16.32M	17.151M	16.35M	17.361M	16.32M	17.391M	16.35M	17.091M
5785MHz	Pass	500k	16.35M	17.151M	16.32M	17.421M	16.35M	17.421M	16.35M	17.121M
5825MHz	Pass	500k	16.35M	17.361M	16.35M	17.691M	16.35M	17.601M	16.35M	17.301M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.54M	19.07M	21.63M	19.16M	21.78M	19.19M	21.51M	19.04M
5200MHz	Pass	Inf	21.57M	19.1M	21.66M	19.13M	21.72M	19.19M	21.18M	19.04M
5240MHz	Pass	Inf	21.57M	19.13M	21.51M	19.16M	21.87M	19.19M	21.66M	19.04M
5260MHz	Pass	Inf	21.6M	19.07M	21.66M	19.16M	21.81M	19.22M	21.27M	19.04M
5300MHz	Pass	Inf	21.6M	19.07M	21.69M	19.16M	21.84M	19.19M	21.39M	19.04M
5320MHz	Pass	Inf	21.6M	19.07M	21.6M	19.16M	21.87M	19.22M	21.48M	19.04M
5500MHz	Pass	Inf	21.57M	19.1M	21.75M	19.19M	21.72M	19.19M	21.39M	19.04M
5580MHz	Pass	Inf	21.54M	19.1M	21.69M	19.19M	21.87M	19.22M	21.48M	19.07M
5700MHz	Pass	Inf	21.6M	19.1M	21.69M	19.13M	21.84M	19.25M	21.42M	19.04M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.645M	14.588M	15.78M	14.603M	15.99M	14.708M	15.72M	14.573M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.48M	4.658M	4.46M	4.698M	4.44M	4.638M	4.46M	4.578M
5745MHz	Pass	500k	19.02M	19.1M	19.02M	19.19M	19.05M	19.19M	18.96M	19.04M
5785MHz	Pass	500k	19.05M	19.1M	18.99M	19.19M	19.02M	19.22M	19.05M	19.07M
5825MHz	Pass	500k	19.02M	19.1M	18.99M	19.16M	19.02M	19.25M	19.02M	19.04M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.2M	37.661M	39.96M	37.661M	40.02M	37.721M	40.02M	37.661M
5230MHz	Pass	Inf	40.2M	37.721M	39.9M	37.721M	39.96M	37.781M	40.14M	37.721M
5270MHz	Pass	Inf	40.14M	37.721M	39.9M	37.661M	40.02M	37.721M	40.08M	37.721M
5310MHz	Pass	Inf	40.14M	37.721M	39.96M	37.661M	40.02M	37.661M	40.14M	37.721M
5510MHz	Pass	Inf	40.08M	37.661M	40.02M	37.661M	40.08M	37.721M	40.08M	37.721M
5550MHz	Pass	Inf	40.08M	37.661M	39.9M	37.601M	40.08M	37.661M	40.2M	37.721M
5670MHz	Pass	Inf	40.02M	37.721M	39.9M	37.661M	40.08M	37.721M	40.08M	37.721M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.14M	33.758M	35.105M	33.758M	35.14M	33.793M	35.07M	33.723M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.058M	3.94M	4.098M	3.86M	4.058M	3.74M	4.098M
5755MHz	Pass	500k	37.74M	37.781M	37.26M	37.721M	37.02M	37.721M	37.68M	37.781M
5795MHz	Pass	500k	37.74M	37.721M	37.56M	37.781M	36.9M	37.781M	37.26M	37.781M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.72M	77.481M	81.36M	77.481M	81.6M	77.601M	81.96M	77.361M
5290MHz	Pass	Inf	81.48M	77.481M	81.24M	77.241M	81.96M	77.361M	81.96M	77.361M
5530MHz	Pass	Inf	81.6M	77.361M	81.24M	77.361M	82.08M	77.601M	81.84M	77.241M
5610MHz	Pass	Inf	81.6M	77.361M	81.36M	77.361M	81.96M	77.481M	81.96M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.2M	73.463M	76.125M	73.538M	76.05M	73.463M	75.75M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.138M	3.92M	4.078M	3.82M	4.198M	3.9M	4.218M
5775MHz	Pass	500k	76.8M	77.361M	76.8M	77.481M	76.68M	77.481M	76.92M	77.241M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.8M	77.801M	82.56M	77.881M	82M	77.721M	82.08M	77.801M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.96M	77.961M	82.08M	78.041M	82.64M	77.961M	82.4M	77.881M
5570MHz	Pass	Inf	165.12M	154.723M	164.4M	154.963M	164.4M	154.723M	164.88M	155.202M

802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

03/07/2021



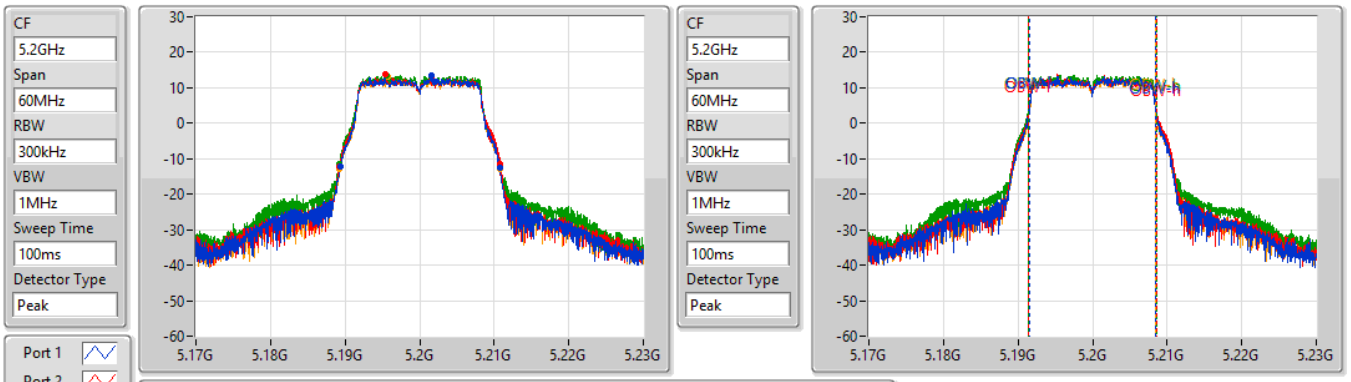
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.42M	5.16932G	5.19074G	17.001M	5.171514G	5.188516G	Inf	1
21.63M	5.16917G	5.1908G	17.181M	5.171454G	5.188636G	Inf	2
21.69M	5.16914G	5.19083G	17.091M	5.171454G	5.188546G	Inf	3
21.54M	5.16929G	5.19083G	16.942M	5.171574G	5.188516G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

03/07/2021



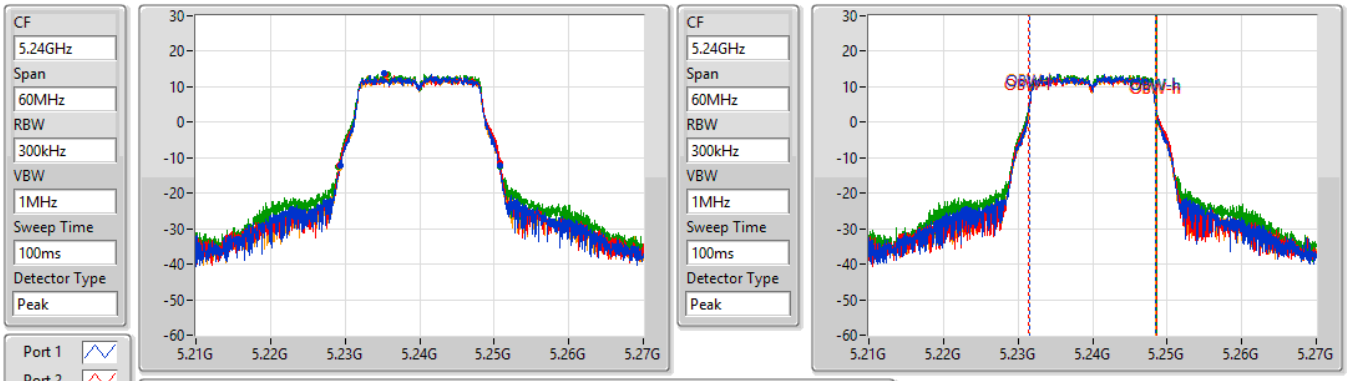
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.18935G	5.21074G	17.001M	5.191514G	5.208516G	Inf	1
21.6M	5.1892G	5.2108G	17.211M	5.191454G	5.208666G	Inf	2
21.69M	5.18917G	5.21086G	17.151M	5.191394G	5.208546G	Inf	3
21.6M	5.18926G	5.21086G	16.942M	5.191574G	5.208516G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

03/07/2021



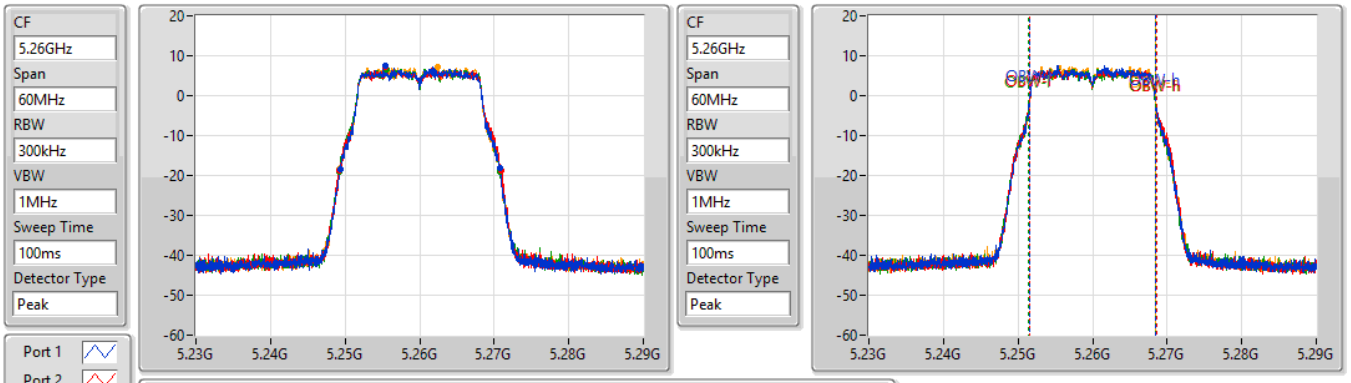
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.22935G	5.25074G	17.001M	5.231514G	5.248516G	Inf	1
21.6M	5.2292G	5.2508G	17.211M	5.231454G	5.248666G	Inf	2
21.75M	5.22908G	5.25083G	17.121M	5.231424G	5.248546G	Inf	3
21.6M	5.22923G	5.25083G	16.942M	5.231574G	5.248516G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5260MHz

03/07/2021



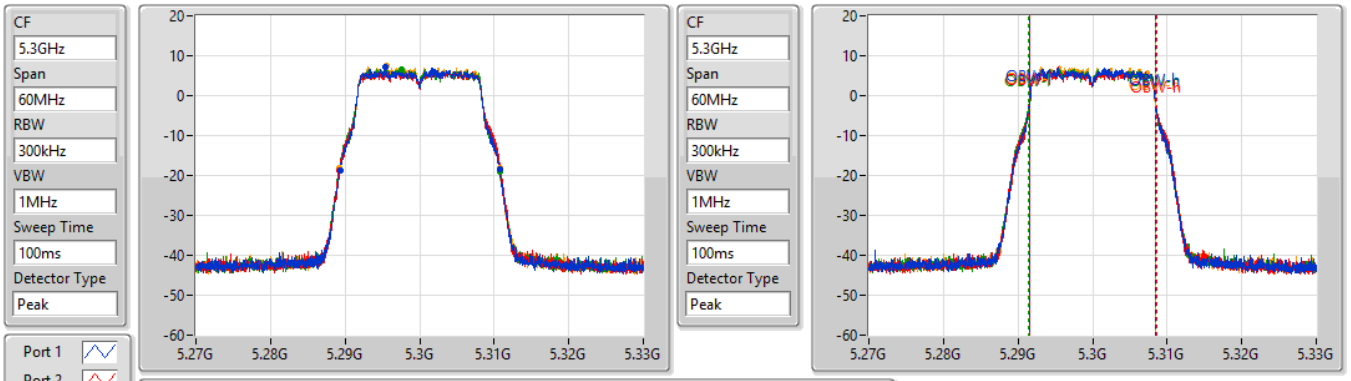
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.36M	5.24935G	5.27071G	16.972M	5.251514G	5.268486G	Inf	1
21.78M	5.24917G	5.27095G	17.151M	5.251484G	5.268636G	Inf	2
21.66M	5.24914G	5.2708G	17.061M	5.251454G	5.268516G	Inf	3
21.63M	5.24923G	5.27086G	16.912M	5.251574G	5.268486G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5300MHz

03/07/2021



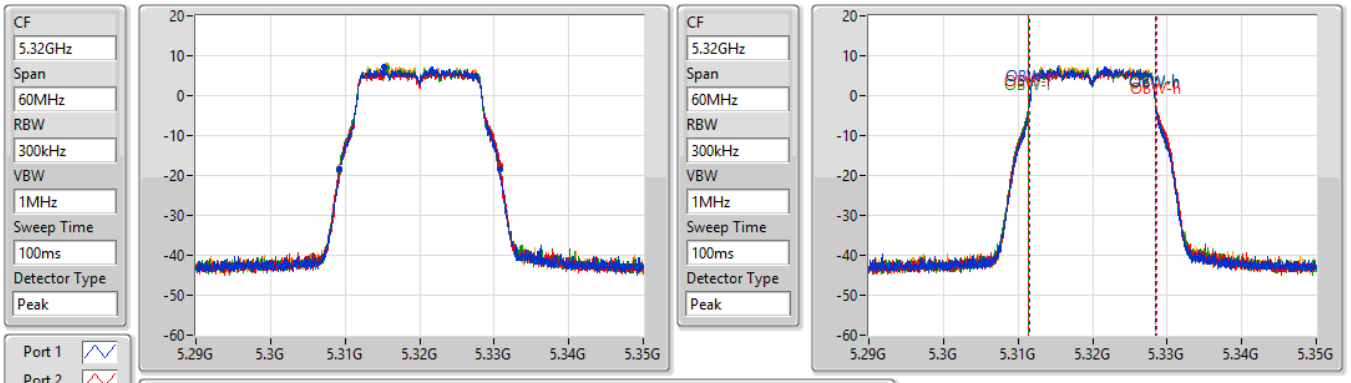
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.28932G	5.31071G	16.972M	5.291514G	5.308486G	Inf	1
21.66M	5.2892G	5.31086G	17.151M	5.291484G	5.308636G	Inf	2
21.66M	5.28914G	5.3108G	17.091M	5.291394G	5.308486G	Inf	3
21.51M	5.28929G	5.3108G	16.912M	5.291574G	5.308486G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5320MHz

03/07/2021



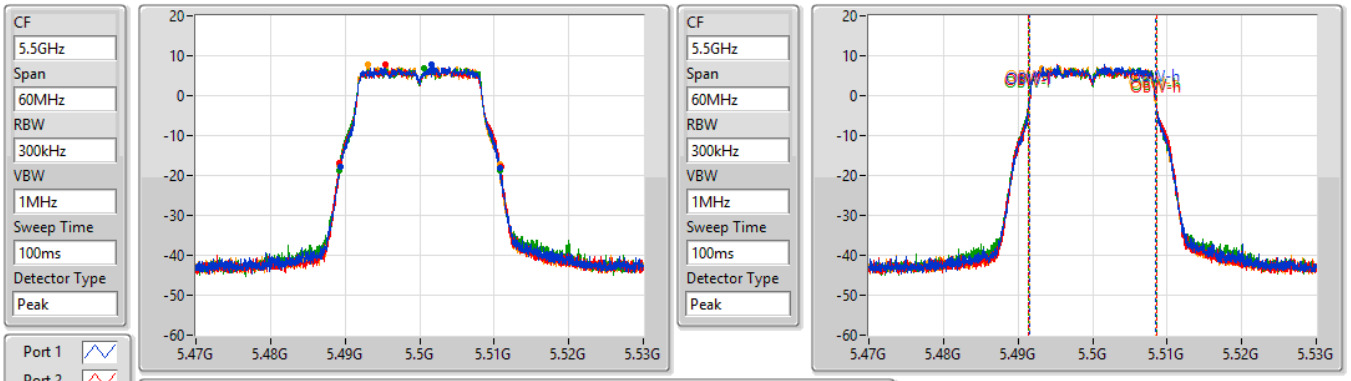
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.30929G	5.33074G	16.972M	5.311544G	5.328516G	Inf	1
21.66M	5.30917G	5.33083G	17.211M	5.311454G	5.328666G	Inf	2
21.63M	5.30914G	5.33077G	17.091M	5.311424G	5.328516G	Inf	3
21.51M	5.30929G	5.3308G	16.912M	5.311574G	5.328486G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5500MHz

03/07/2021



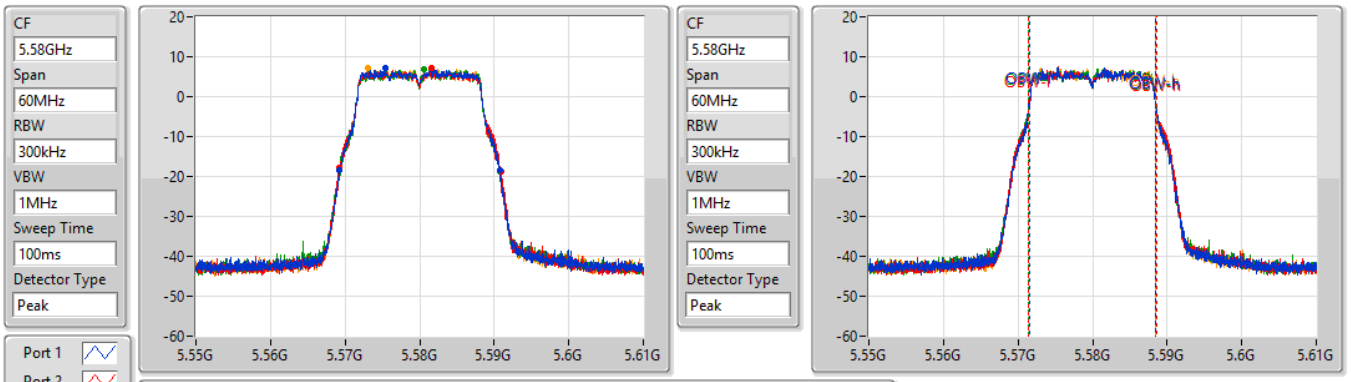
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.48935G	5.5108G	17.001M	5.491514G	5.508516G	Inf	1
21.6M	5.48929G	5.51089G	17.181M	5.491454G	5.508636G	Inf	2
21.66M	5.48914G	5.5108G	17.091M	5.491454G	5.508546G	Inf	3
21.45M	5.48929G	5.51074G	16.942M	5.491544G	5.508486G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5580MHz

03/07/2021



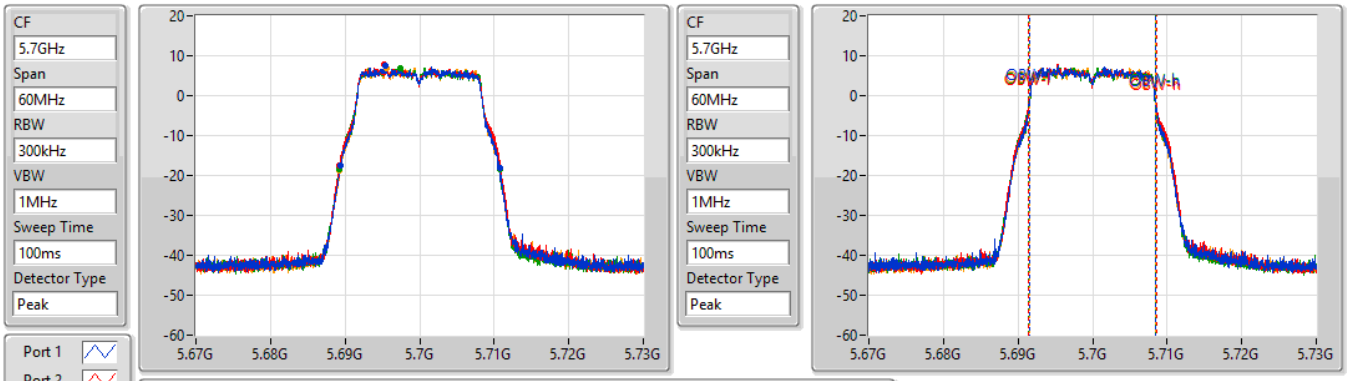
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.56929G	5.59077G	17.001M	5.571484G	5.588486G	Inf	1
21.72M	5.5692G	5.59092G	17.151M	5.571454G	5.588606G	Inf	2
21.63M	5.56917G	5.5908G	17.091M	5.571424G	5.588516G	Inf	3
21.54M	5.56926G	5.5908G	16.942M	5.571544G	5.588486G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5700MHz

03/07/2021



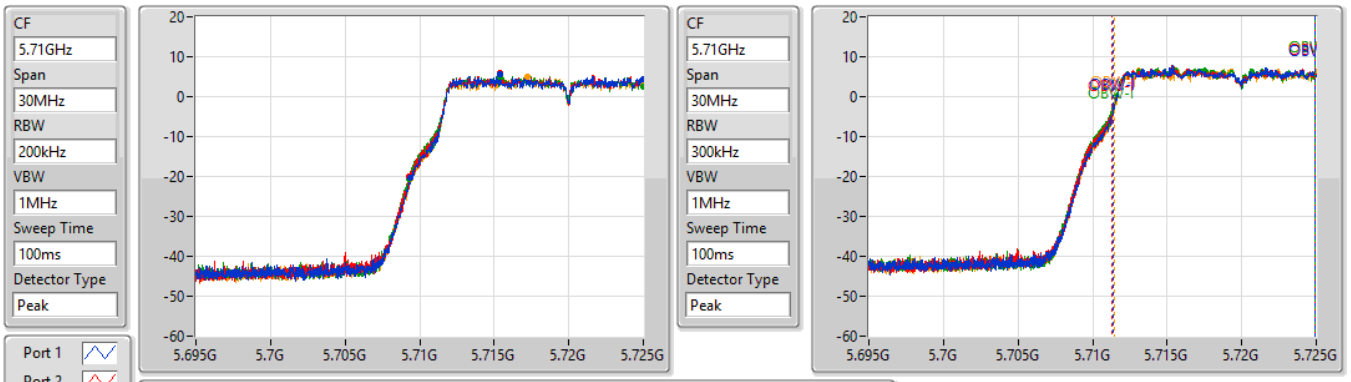
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.36M	5.68935G	5.71071G	16.972M	5.691514G	5.708486G	Inf	1
21.63M	5.68923G	5.71086G	17.181M	5.691424G	5.708606G	Inf	2
21.63M	5.68914G	5.71077G	17.031M	5.691424G	5.708456G	Inf	3
21.57M	5.68923G	5.7108G	16.912M	5.691574G	5.708486G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

03/07/2021



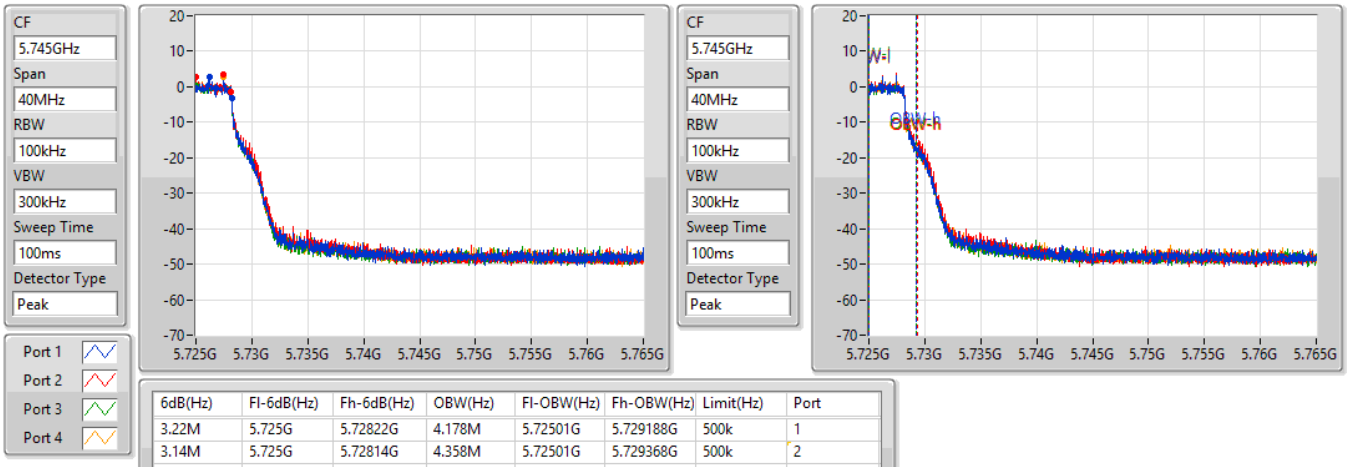
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.6M	5.7094G	5.725G	13.538M	5.711394G	5.724933G	Inf	1
15.69M	5.70931G	5.725G	13.598M	5.711334G	5.724933G	Inf	2
15.75M	5.70925G	5.725G	13.658M	5.711274G	5.724933G	Inf	3
15.63M	5.70937G	5.725G	13.478M	5.711469G	5.724948G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

03/07/2021



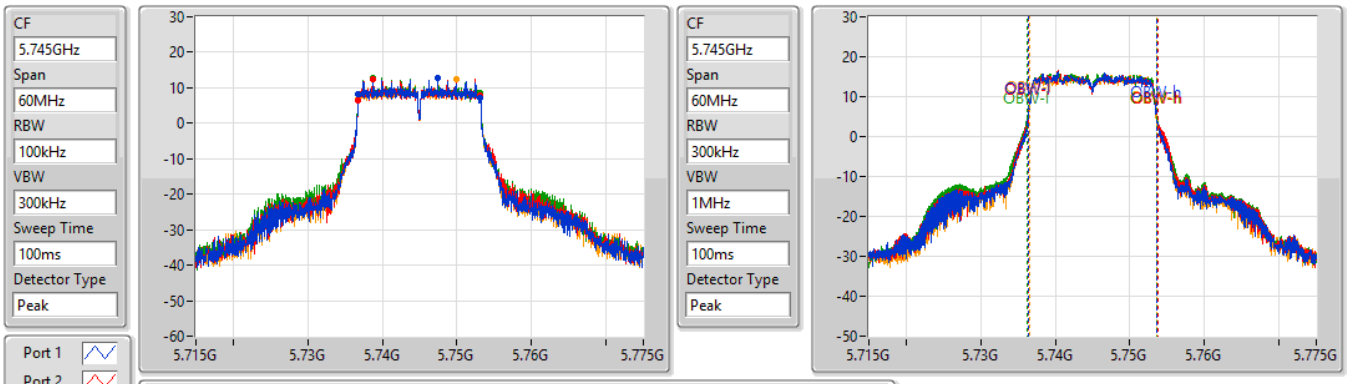
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.22M	5.725G	5.72822G	4.178M	5.72501G	5.729188G	500k	1
3.14M	5.725G	5.72814G	4.358M	5.72501G	5.729368G	500k	2
3.14M	5.725G	5.72814G	4.218M	5.72501G	5.729228G	500k	3
3.22M	5.725G	5.72822G	4.198M	5.72501G	5.729208G	500k	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5745MHz

03/07/2021



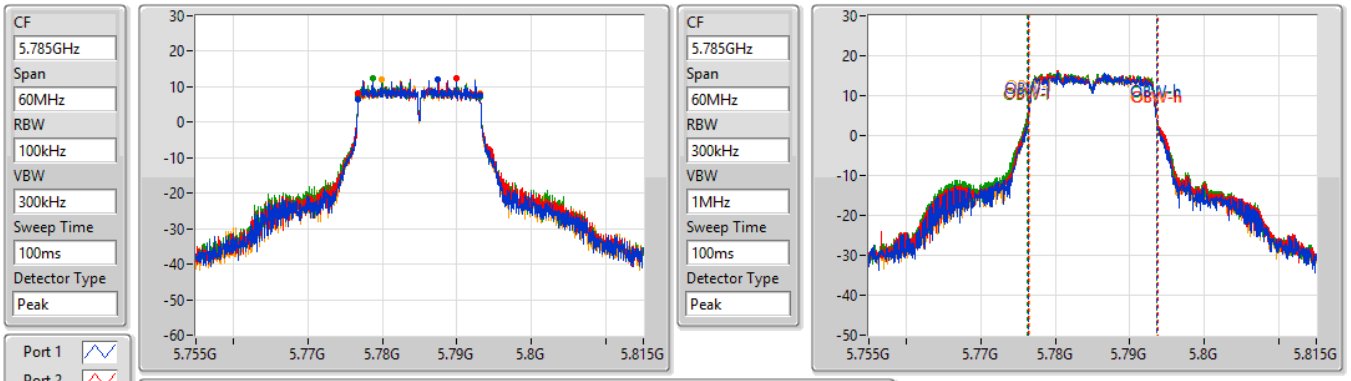
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.73681G	5.75313G	17.151M	5.736424G	5.753576G	500k	1
16.35M	5.73678G	5.75313G	17.361M	5.736394G	5.753756G	500k	2
16.32M	5.73681G	5.75313G	17.391M	5.736274G	5.753666G	500k	3
16.35M	5.73678G	5.75313G	17.091M	5.736514G	5.753606G	500k	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

03/07/2021



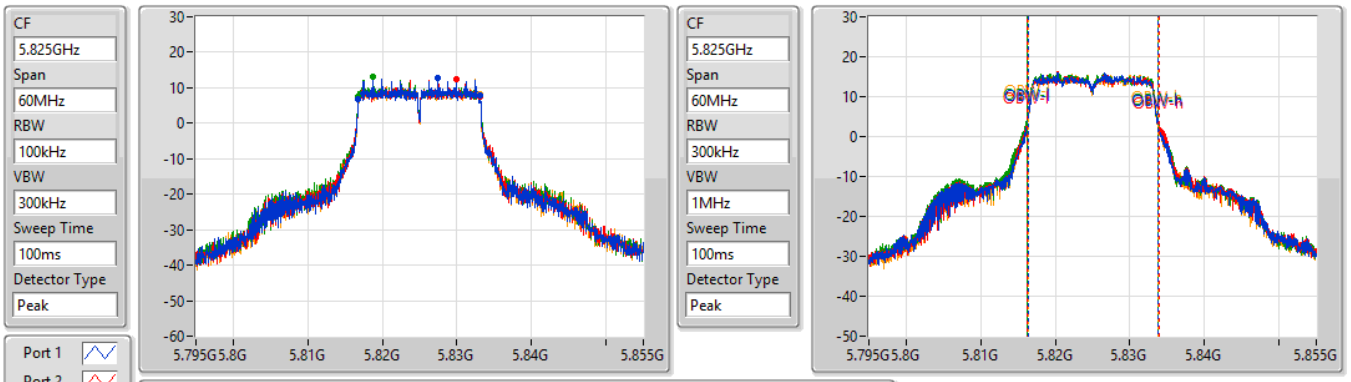
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.77678G	5.79313G	17.151M	5.776424G	5.793576G	500k	1
16.32M	5.77681G	5.79313G	17.421M	5.776334G	5.793756G	500k	2
16.35M	5.77678G	5.79313G	17.421M	5.776184G	5.793606G	500k	3
16.35M	5.77678G	5.79313G	17.121M	5.776484G	5.793606G	500k	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

03/07/2021

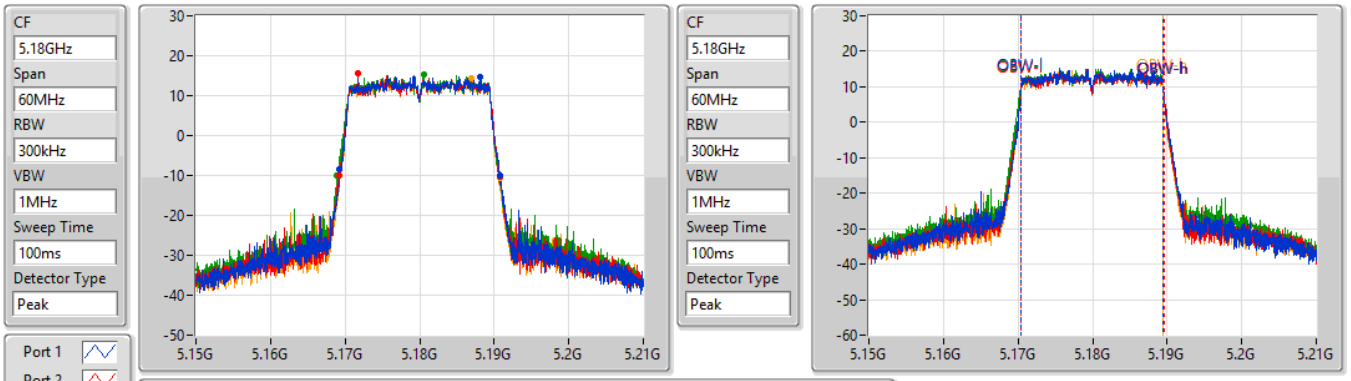


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.81678G	5.83313G	17.361M	5.816364G	5.833726G	500k	1
16.35M	5.81678G	5.83313G	17.691M	5.816304G	5.833996G	500k	2
16.35M	5.81678G	5.83313G	17.601M	5.816184G	5.833786G	500k	3
16.35M	5.81678G	5.83313G	17.301M	5.816424G	5.833726G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5180MHz

03/07/2021

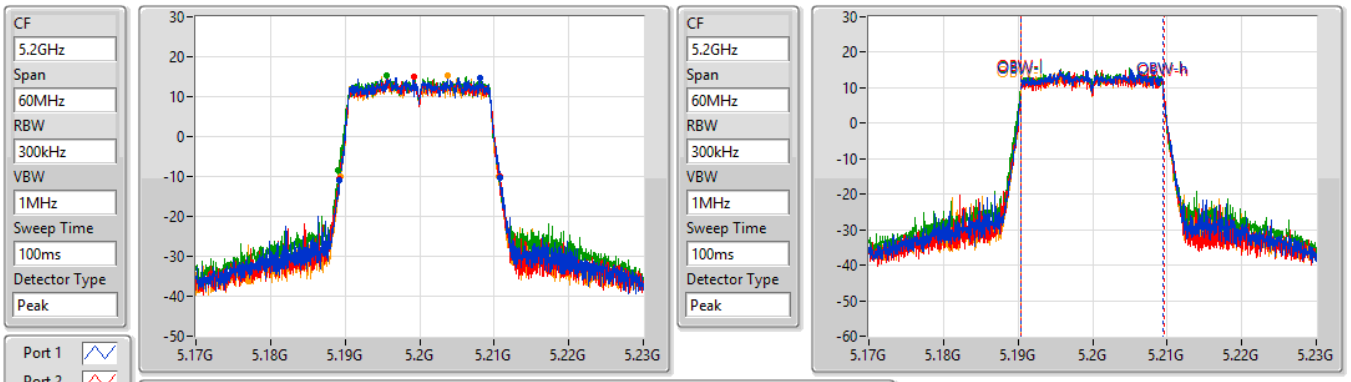


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.16929G	5.19083G	19.07M	5.170435G	5.189505G	Inf	1
21.63M	5.1692G	5.19083G	19.16M	5.170405G	5.189565G	Inf	2
21.78M	5.16896G	5.19074G	19.19M	5.170315G	5.189505G	Inf	3
21.51M	5.16926G	5.19077G	19.04M	5.170435G	5.189475G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5200MHz

03/07/2021

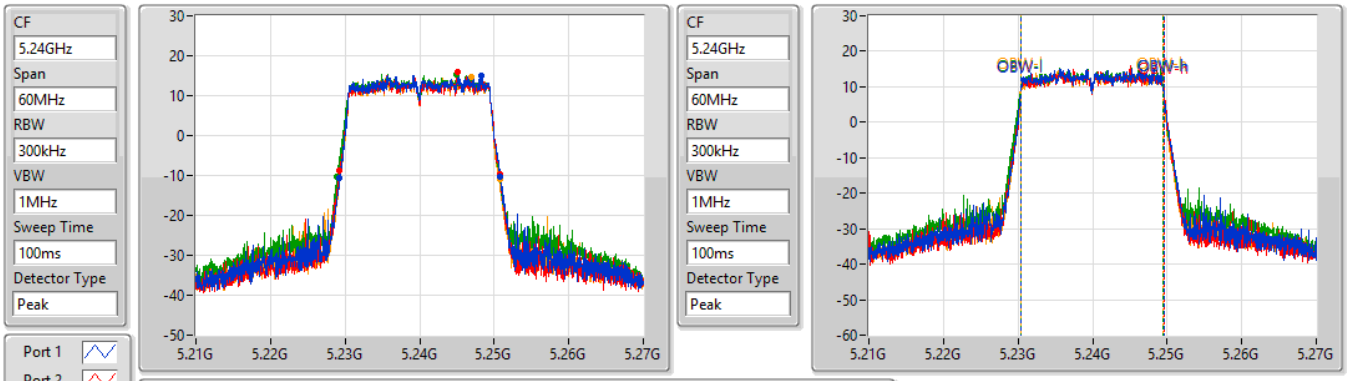


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.18926G	5.21083G	19.1M	5.190405G	5.209505G	Inf	1
21.66M	5.18914G	5.2108G	19.13M	5.190435G	5.209565G	Inf	2
21.72M	5.18908G	5.2108G	19.19M	5.190315G	5.209505G	Inf	3
21.18M	5.18938G	5.21056G	19.04M	5.190435G	5.209475G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5240MHz

03/07/2021

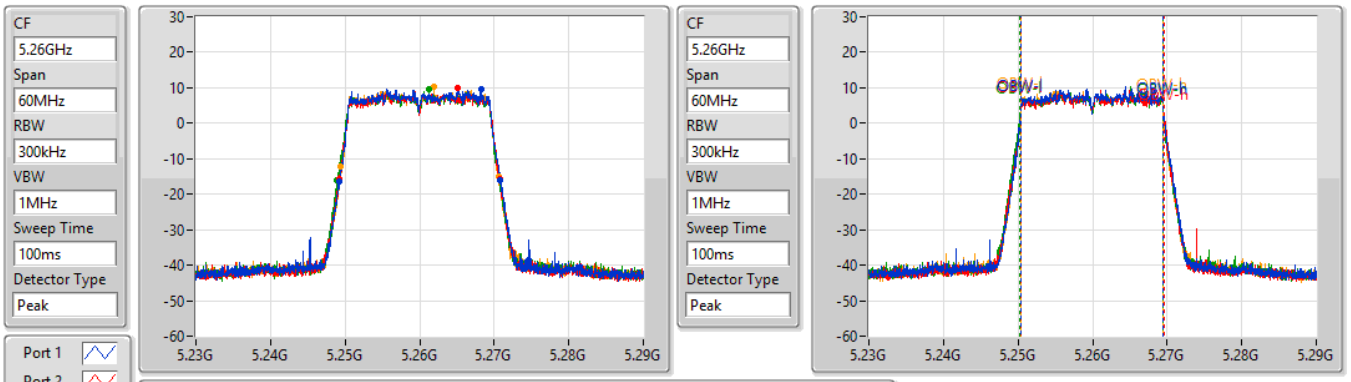


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.22929G	5.25086G	19.13M	5.230405G	5.249535G	Inf	1
21.51M	5.22926G	5.25077G	19.16M	5.230405G	5.249565G	Inf	2
21.87M	5.22893G	5.2508G	19.19M	5.230315G	5.249505G	Inf	3
21.66M	5.22914G	5.2508G	19.04M	5.230435G	5.249475G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5260MHz

03/07/2021



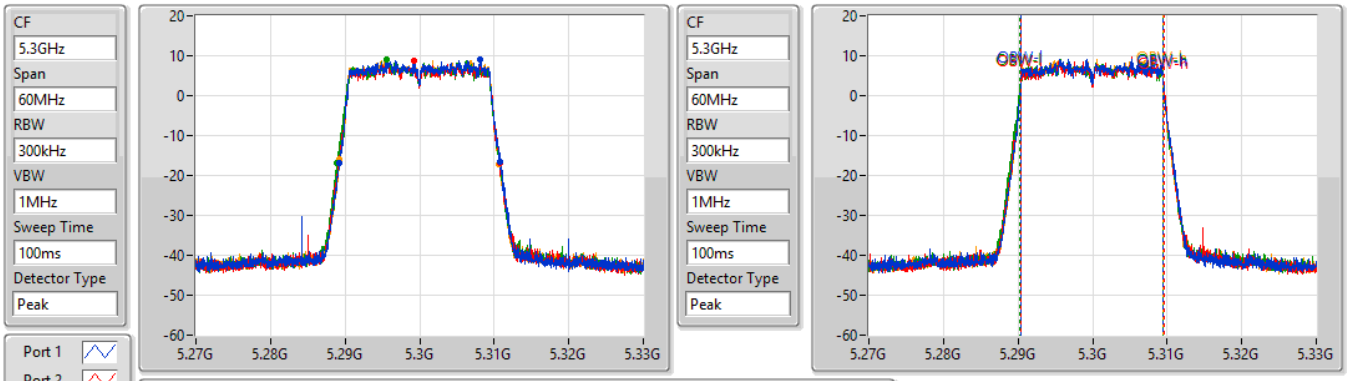
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.24926G	5.27086G	19.07M	5.250435G	5.269505G	Inf	1
21.66M	5.24914G	5.2708G	19.16M	5.250405G	5.269565G	Inf	2
21.81M	5.24896G	5.27077G	19.22M	5.250285G	5.269505G	Inf	3
21.27M	5.24935G	5.27062G	19.04M	5.250435G	5.269475G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5300MHz

03/07/2021



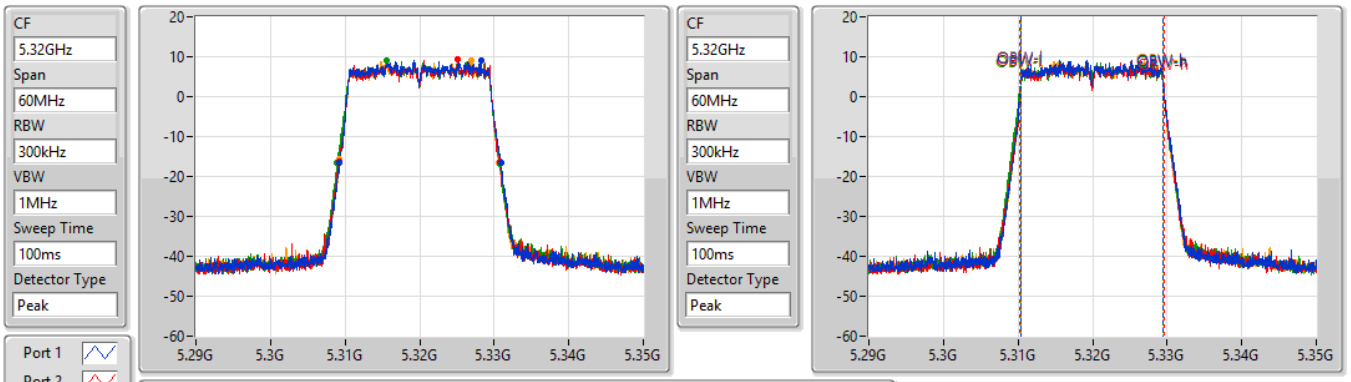
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.28926G	5.31086G	19.07M	5.290435G	5.309505G	Inf	1
21.69M	5.28914G	5.31083G	19.16M	5.290405G	5.309565G	Inf	2
21.84M	5.28896G	5.3108G	19.19M	5.290285G	5.309475G	Inf	3
21.39M	5.28926G	5.31065G	19.04M	5.290435G	5.309475G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5320MHz

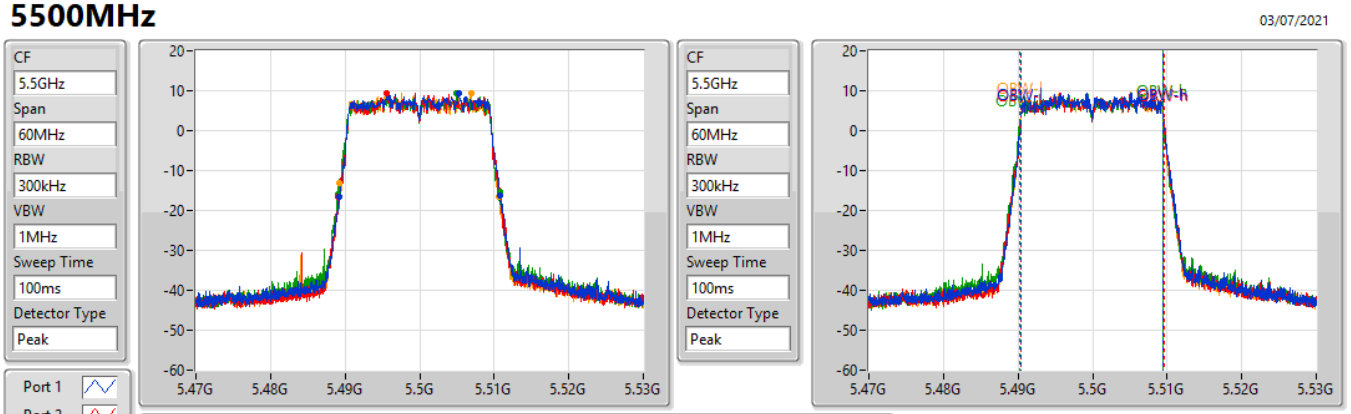
03/07/2021



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.30929G	5.33089G	19.07M	5.310435G	5.329505G	Inf	1
21.6M	5.3092G	5.3308G	19.16M	5.310405G	5.329565G	Inf	2
21.87M	5.30893G	5.3308G	19.22M	5.310285G	5.329505G	Inf	3
21.48M	5.30917G	5.33065G	19.04M	5.310435G	5.329475G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

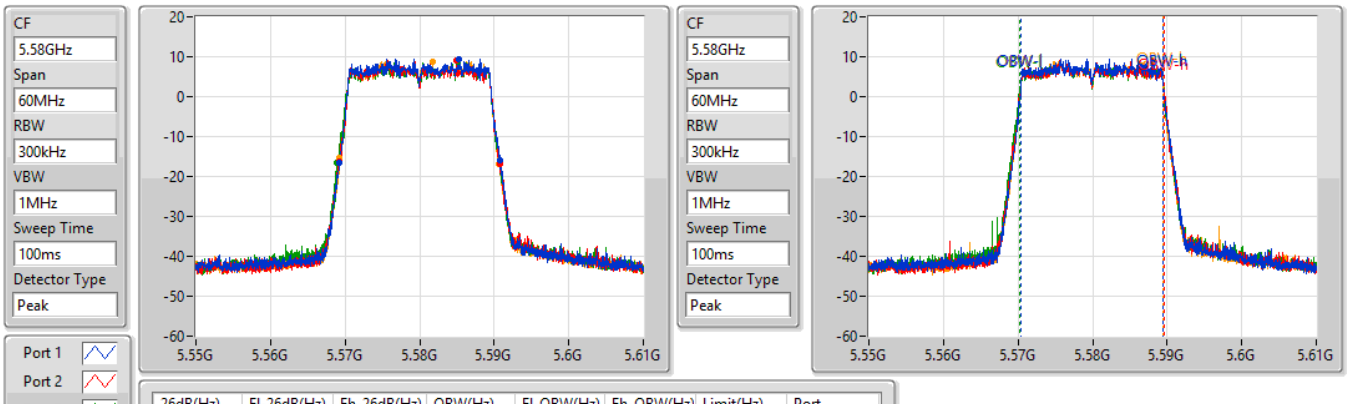
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.48917G	5.51074G	19.1M	5.490405G	5.509505G	Inf	1
21.75M	5.48911G	5.51086G	19.19M	5.490375G	5.509565G	Inf	2
21.72M	5.48899G	5.51071G	19.19M	5.490285G	5.509475G	Inf	3
21.39M	5.48929G	5.51068G	19.04M	5.490435G	5.509475G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5580MHz



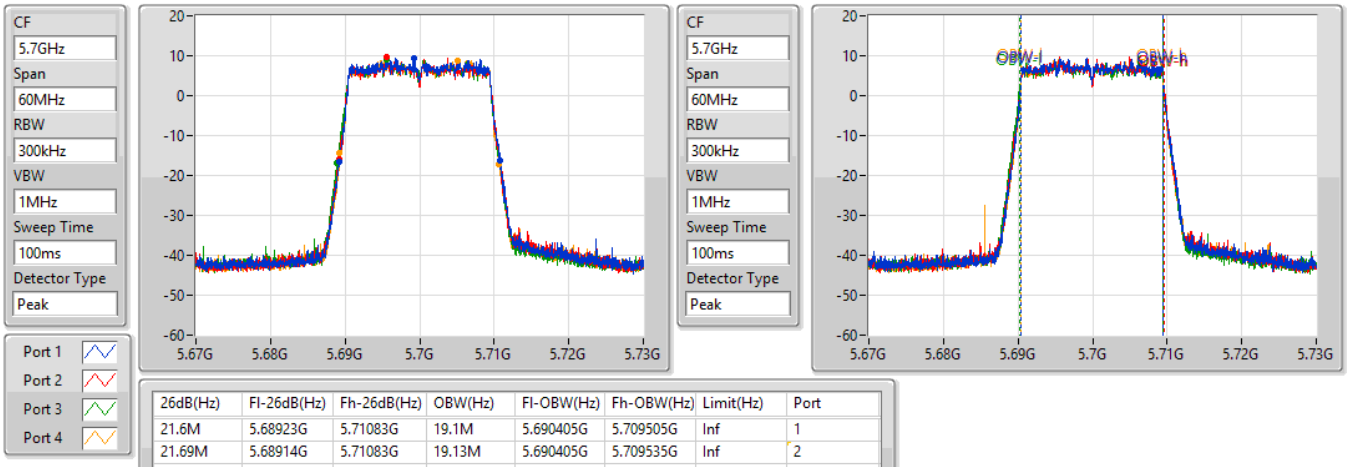
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.56929G	5.59083G	19.1M	5.5704O5G	5.589505G	Inf	1
21.69M	5.56914G	5.59083G	19.19M	5.570375G	5.589565G	Inf	2
21.87M	5.56896G	5.59083G	19.22M	5.570285G	5.589505G	Inf	3
21.48M	5.5692G	5.59068G	19.07M	5.5704O5G	5.589475G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5700MHz

03/07/2021



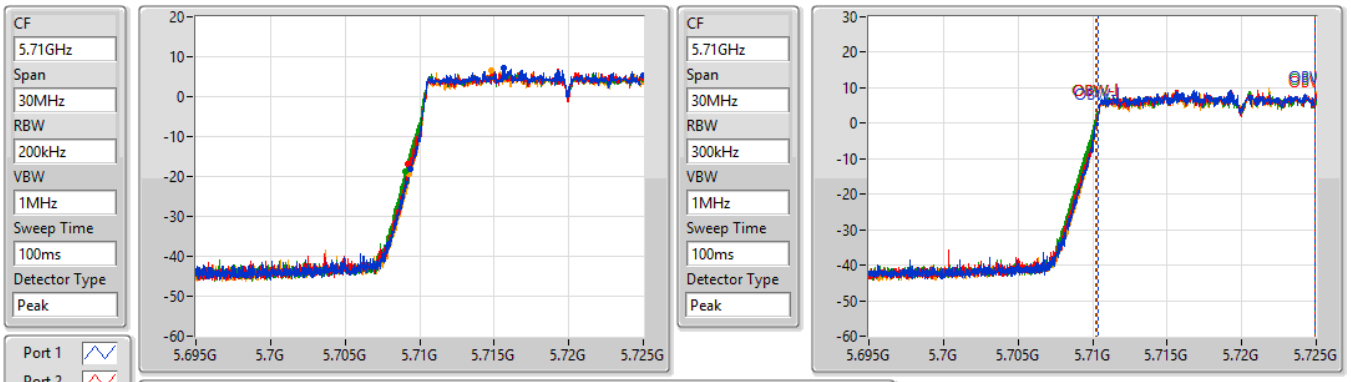
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.68923G	5.71083G	19.1M	5.690405G	5.709505G	Inf	1
21.69M	5.68914G	5.71083G	19.13M	5.690405G	5.709535G	Inf	2
21.84M	5.6889G	5.71074G	19.25M	5.690255G	5.709505G	Inf	3
21.42M	5.68926G	5.71068G	19.04M	5.690435G	5.709475G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

03/07/2021



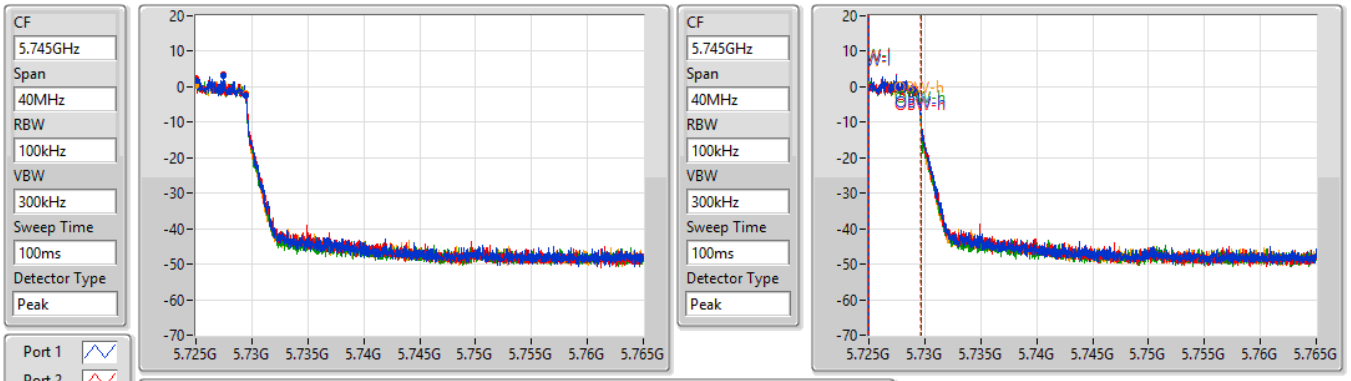
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.645M	5.709355G	5.725G	14.588M	5.710345G	5.724933G	Inf	1
15.78M	5.70922G	5.725G	14.603M	5.71033G	5.724933G	Inf	2
15.99M	5.70901G	5.725G	14.708M	5.71021G	5.724918G	Inf	3
15.72M	5.70928G	5.725G	14.573M	5.71036G	5.724933G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

03/07/2021



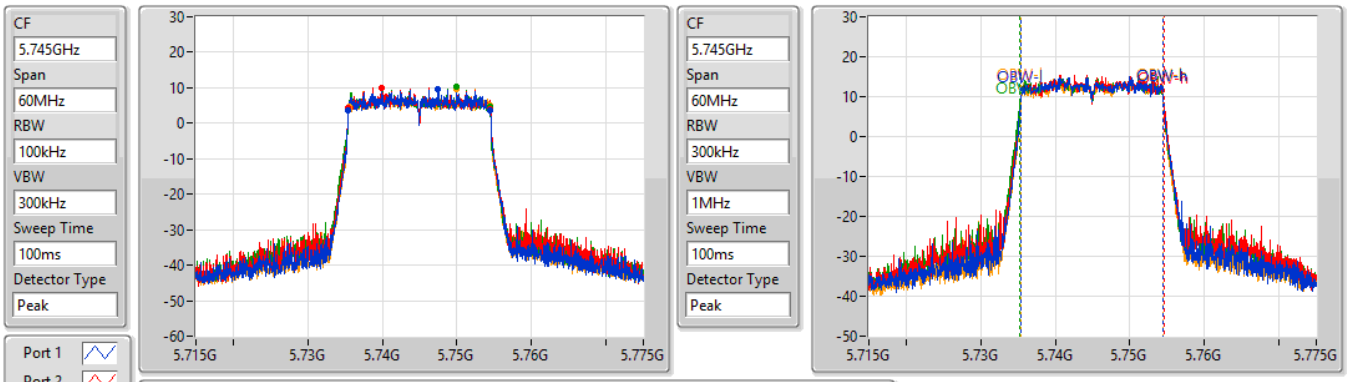
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.48M	5.725G	5.72948G	4.658M	5.72501G	5.729668G	500k	1
4.46M	5.725G	5.72946G	4.698M	5.72501G	5.729708G	500k	2
4.44M	5.725G	5.72944G	4.638M	5.72501G	5.729648G	500k	3
4.46M	5.725G	5.72946G	4.578M	5.72503G	5.729608G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5745MHz

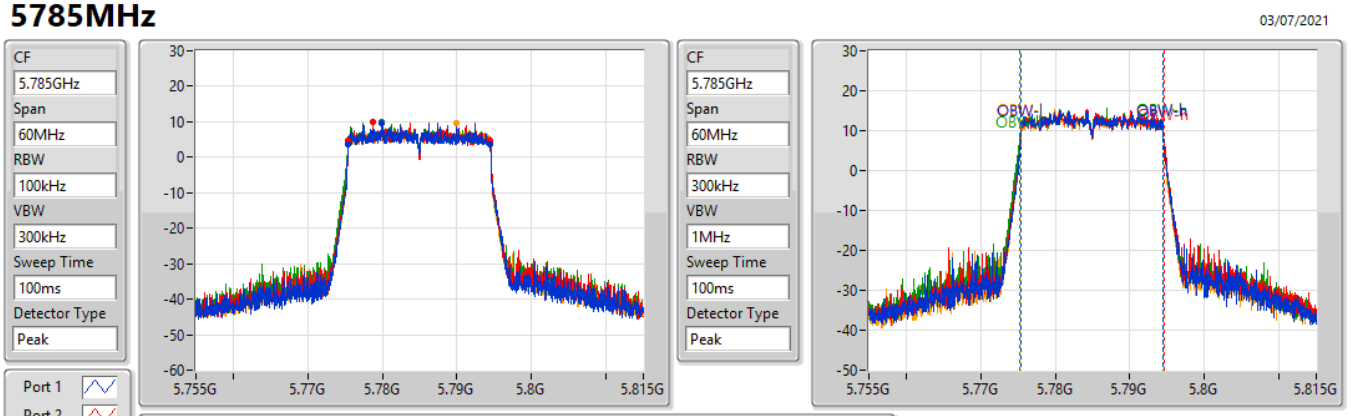
03/07/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.02M	5.73546G	5.75448G	19.1M	5.735405G	5.754505G	500k	1
19.02M	5.73543G	5.75445G	19.19M	5.735375G	5.754565G	500k	2
19.05M	5.73537G	5.75442G	19.19M	5.735285G	5.754475G	500k	3
18.96M	5.73549G	5.75445G	19.04M	5.735435G	5.754475G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

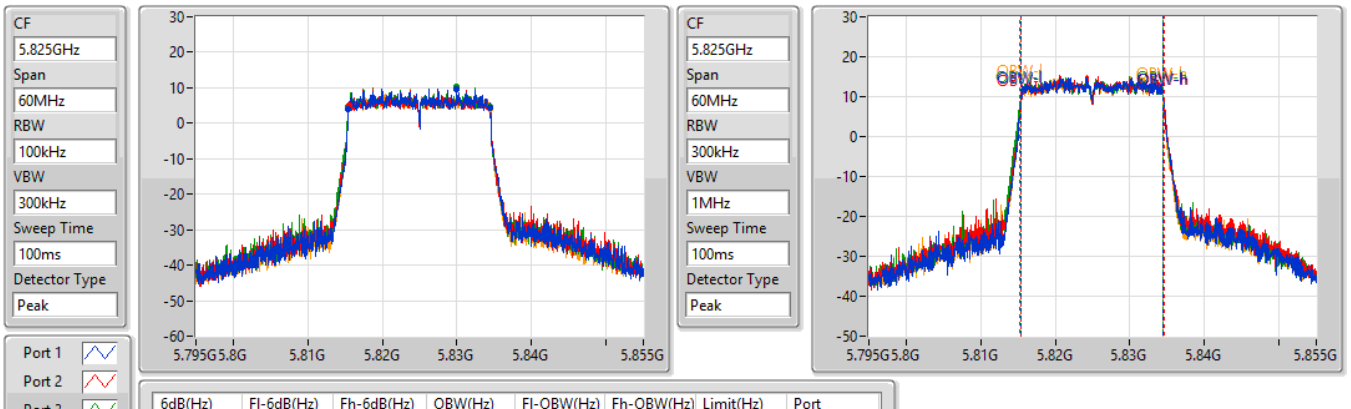
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	5.77543G	5.79448G	19.1M	5.775405G	5.794505G	500k	1
18.99M	5.77546G	5.79445G	19.19M	5.775375G	5.794565G	500k	2
19.02M	5.7754G	5.79442G	19.22M	5.775255G	5.794475G	500k	3
19.05M	5.77537G	5.79442G	19.07M	5.775405G	5.794475G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5825MHz

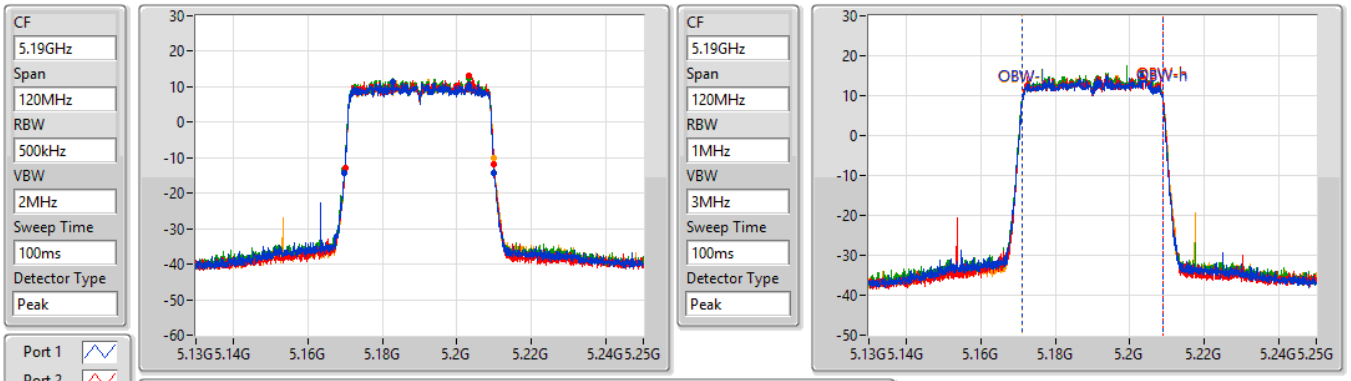


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.02M	5.81546G	5.83448G	19.1M	5.814405G	5.834505G	500k	1
18.99M	5.81549G	5.83448G	19.16M	5.814405G	5.834565G	500k	2
19.02M	5.8154G	5.83442G	19.25M	5.815255G	5.834505G	500k	3
19.02M	5.81546G	5.83448G	19.04M	5.814435G	5.834475G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5190MHz

03/07/2021

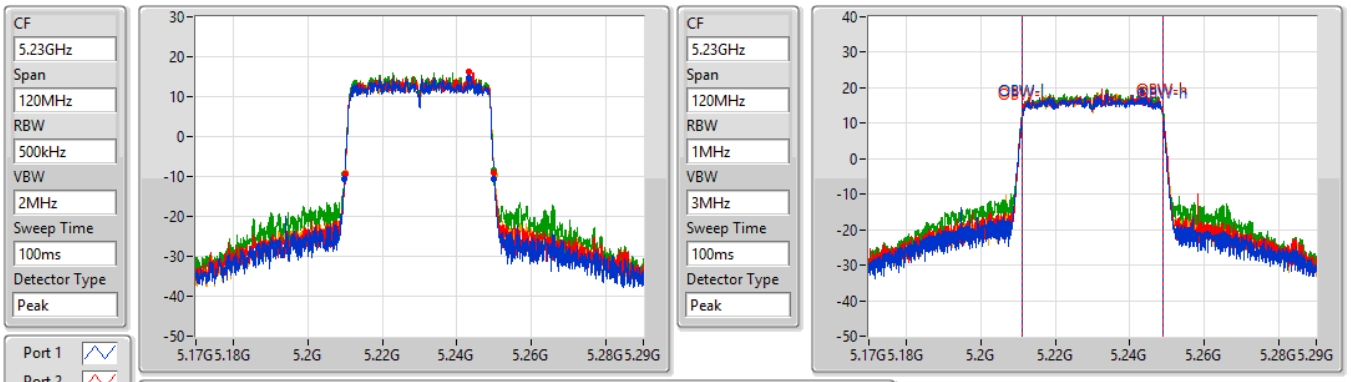


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.16984G	5.21004G	37.661M	5.171169G	5.208831G	Inf	1
39.96M	5.16996G	5.20992G	37.661M	5.171169G	5.208831G	Inf	2
40.02M	5.1699G	5.20992G	37.721M	5.171109G	5.208831G	Inf	3
40.02M	5.16996G	5.20998G	37.661M	5.171169G	5.208831G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5230MHz

03/07/2021

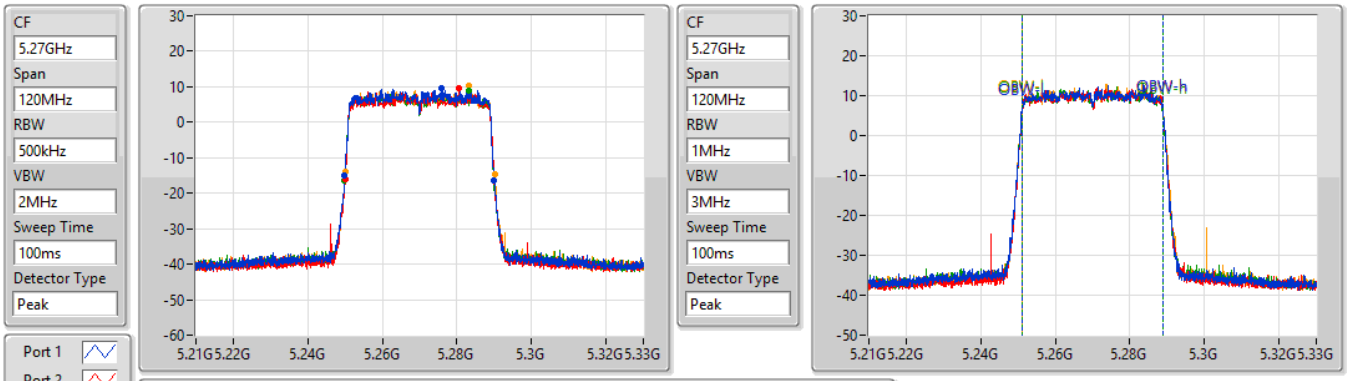


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.20984G	5.25004G	37.721M	5.211169G	5.248891G	Inf	1
39.9M	5.21008G	5.24998G	37.721M	5.211169G	5.248891G	Inf	2
39.96M	5.2099G	5.24986G	37.781M	5.211109G	5.248891G	Inf	3
40.14M	5.21002G	5.25016G	37.721M	5.211169G	5.248891G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5270MHz

03/07/2021

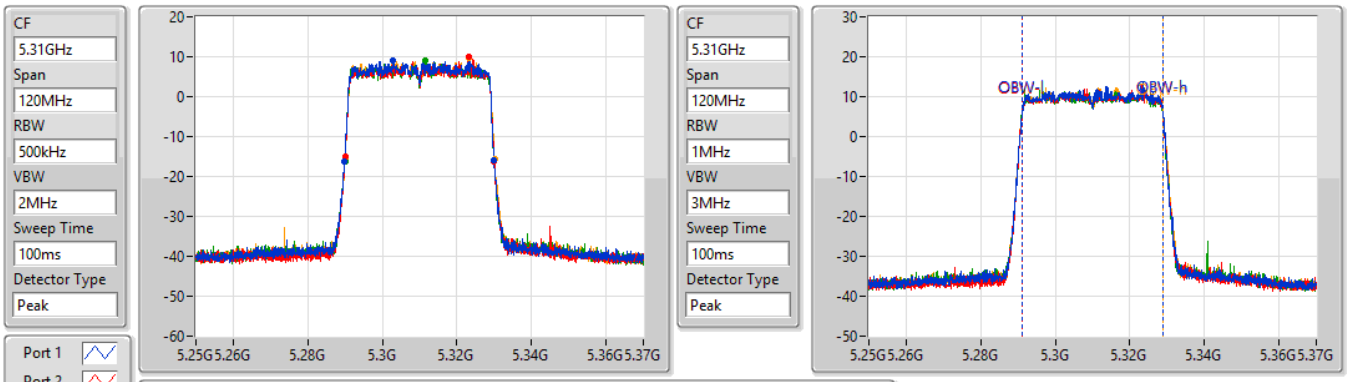


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.2499G	5.29004G	37.721M	5.251109G	5.288831G	Inf	1
39.9M	5.25008G	5.28998G	37.661M	5.251169G	5.288831G	Inf	2
40.02M	5.2499G	5.28992G	37.721M	5.251109G	5.288831G	Inf	3
40.08M	5.25002G	5.2901G	37.721M	5.251109G	5.288831G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5310MHz

03/07/2021

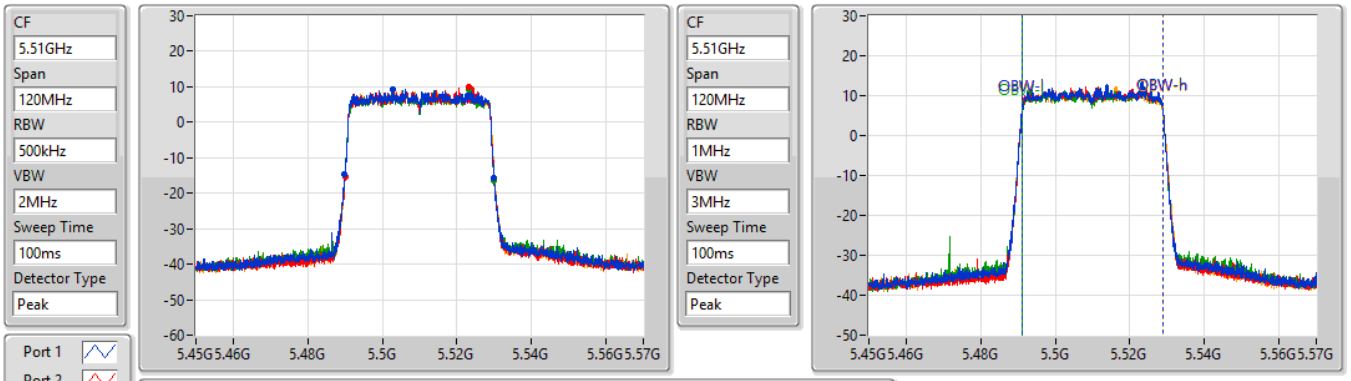


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.28984G	5.32998G	37.721M	5.291109G	5.328831G	Inf	1
39.96M	5.29002G	5.32998G	37.661M	5.291169G	5.328831G	Inf	2
40.02M	5.28996G	5.32998G	37.661M	5.291109G	5.328771G	Inf	3
40.14M	5.28996G	5.3301G	37.721M	5.291109G	5.328831G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5510MHz

03/07/2021

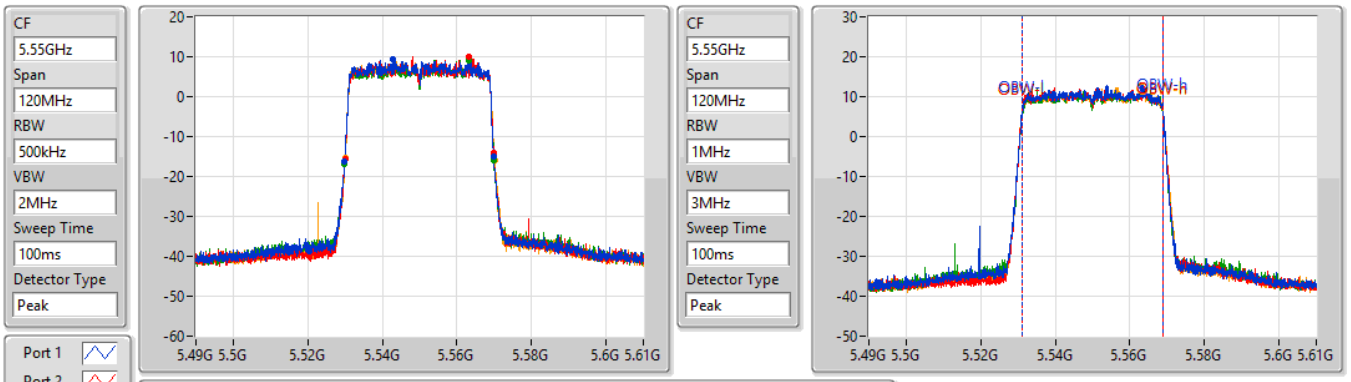


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.4899G	5.52998G	37.661M	5.491169G	5.528831G	Inf	1
40.02M	5.48996G	5.52998G	37.661M	5.491169G	5.528831G	Inf	2
40.08M	5.48996G	5.53004G	37.721M	5.491109G	5.528831G	Inf	3
40.08M	5.48996G	5.53004G	37.721M	5.491109G	5.528831G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5550MHz

03/07/2021

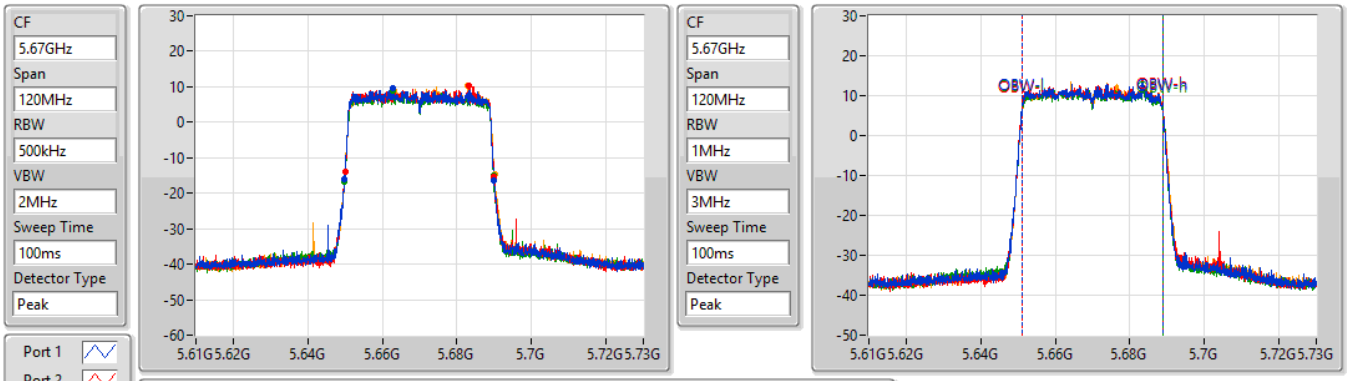


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.52984G	5.56992G	37.661M	5.531109G	5.568771G	Inf	1
39.9M	5.52996G	5.56986G	37.601M	5.531169G	5.568771G	Inf	2
40.08M	5.5299G	5.56998G	37.661M	5.531169G	5.568831G	Inf	3
40.2M	5.52996G	5.57016G	37.721M	5.531109G	5.568831G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5670MHz

03/07/2021

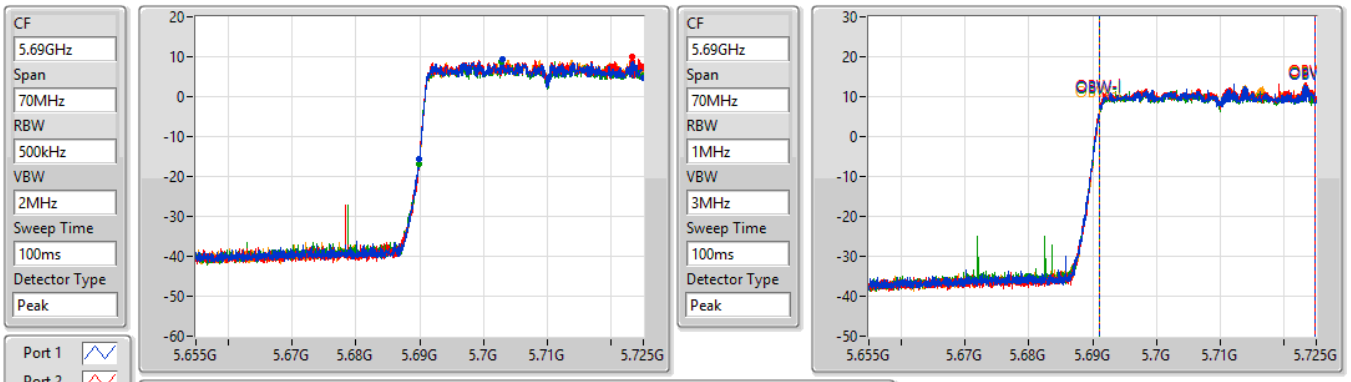


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.6499G	5.68992G	37.721M	5.651049G	5.688771G	Inf	1
39.9M	5.65008G	5.68998G	37.661M	5.651109G	5.688771G	Inf	2
40.08M	5.64984G	5.68992G	37.721M	5.651049G	5.688771G	Inf	3
40.08M	5.65002G	5.6901G	37.721M	5.651109G	5.688831G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

03/07/2021



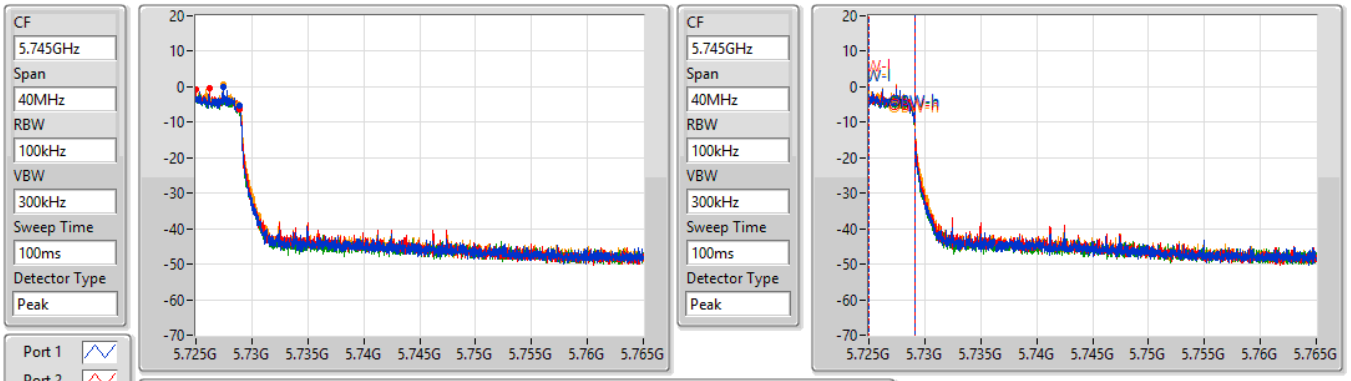
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.14M	5.68986G	5.725G	33.758M	5.691049G	5.724808G	Inf	1
35.105M	5.689895G	5.725G	33.758M	5.691049G	5.724808G	Inf	2
35.14M	5.68986G	5.725G	33.793M	5.691014G	5.724808G	Inf	3
35.07M	5.68993G	5.725G	33.723M	5.691084G	5.724808G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

03/07/2021



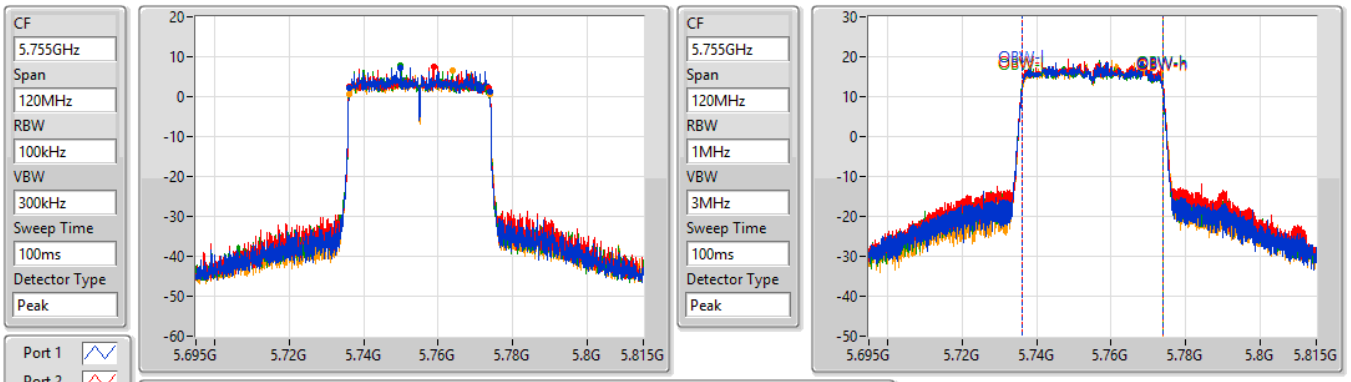
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.94M	5.725G	5.72894G	4.058M	5.72503G	5.729088G	500k	1
3.94M	5.725G	5.72894G	4.098M	5.72501G	5.729108G	500k	2
3.86M	5.725G	5.72886G	4.058M	5.72503G	5.729088G	500k	3
3.74M	5.725G	5.72874G	4.098M	5.72503G	5.729128G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5755MHz

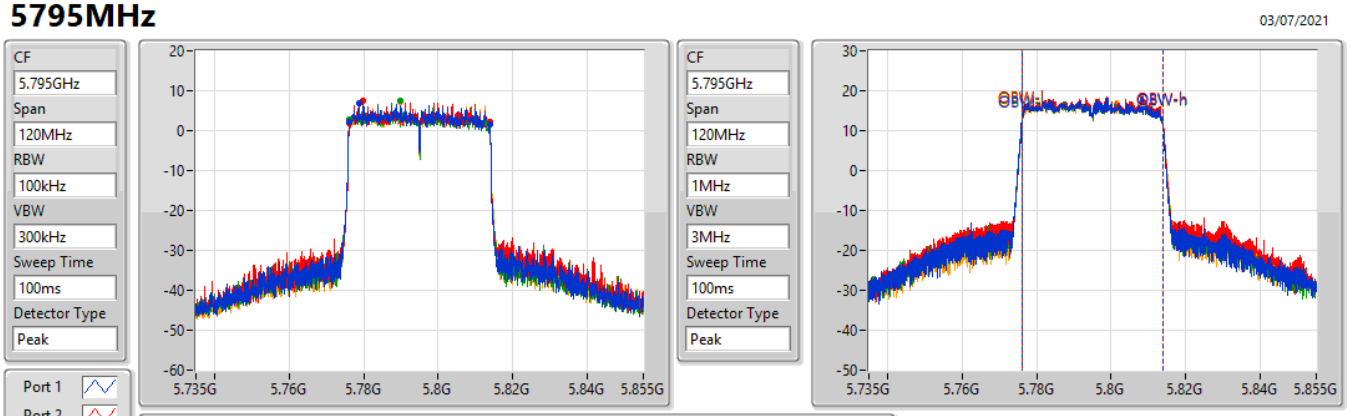
03/07/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.74M	5.7361G	5.77384G	37.781M	5.736049G	5.773831G	500k	1
37.26M	5.73616G	5.77342G	37.721M	5.736109G	5.773831G	500k	2
37.02M	5.73616G	5.77318G	37.721M	5.736049G	5.773771G	500k	3
37.68M	5.73628G	5.77396G	37.781M	5.736109G	5.773891G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

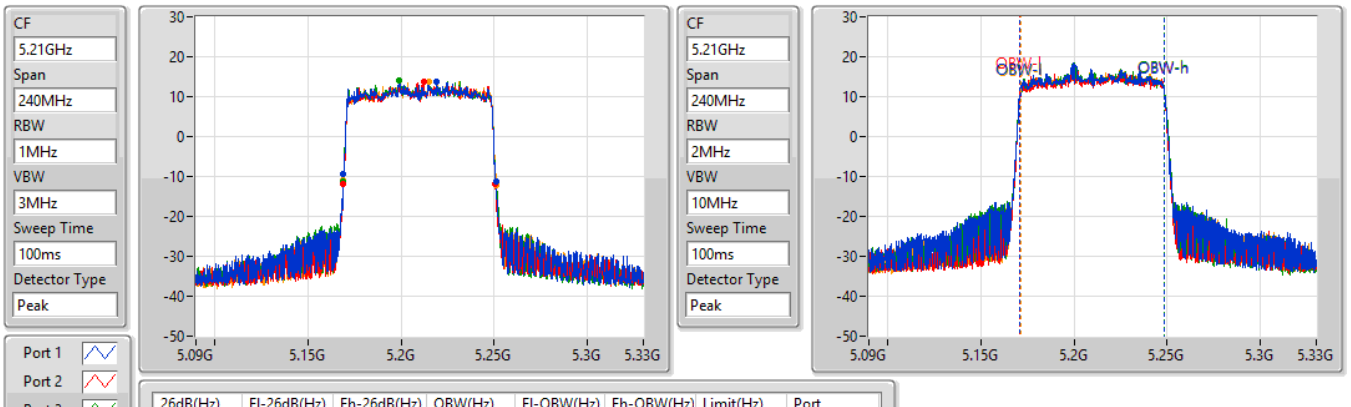
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.74M	5.7761G	5.81384G	37.721M	5.776049G	5.813771G	500k	1
37.56M	5.77616G	5.81372G	37.781M	5.776049G	5.813831G	500k	2
36.9M	5.77622G	5.81312G	37.781M	5.77599G	5.813771G	500k	3
37.26M	5.7764G	5.81366G	37.781M	5.776049G	5.813831G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5210MHz

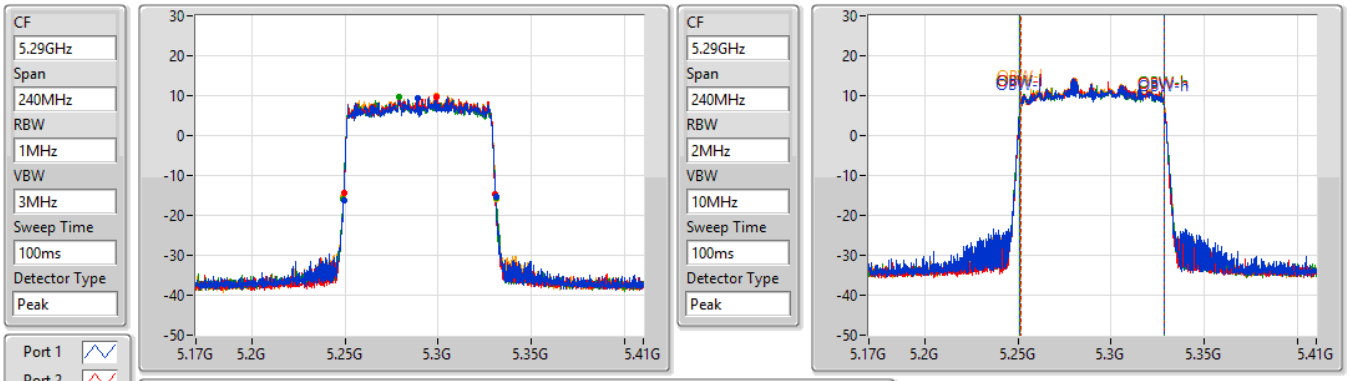


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.16908G	5.2508G	77.481M	5.1711339G	5.248621G	Inf	1
81.36M	5.1692G	5.25056G	77.481M	5.1711339G	5.248621G	Inf	2
81.6M	5.1692G	5.2508G	77.601M	5.171019G	5.248621G	Inf	3
81.96M	5.1692G	5.25116G	77.361M	5.171259G	5.248621G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5290MHz

03/07/2021

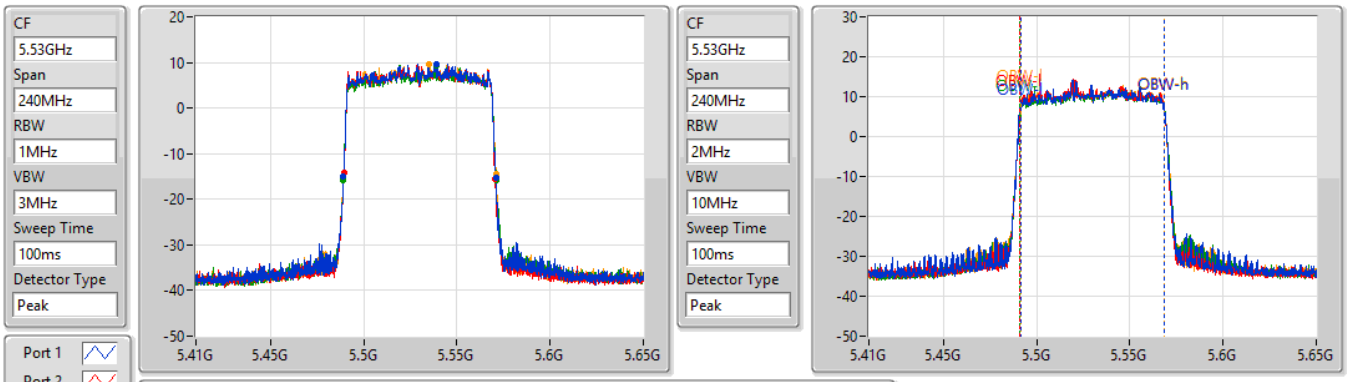


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.24932G	5.3308G	77.481M	5.251139G	5.328621G	Inf	1
81.24M	5.24932G	5.33056G	77.241M	5.251259G	5.328501G	Inf	2
81.96M	5.24908G	5.33104G	77.361M	5.251139G	5.328501G	Inf	3
81.96M	5.2492G	5.33116G	77.361M	5.251259G	5.328621G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5530MHz

03/07/2021

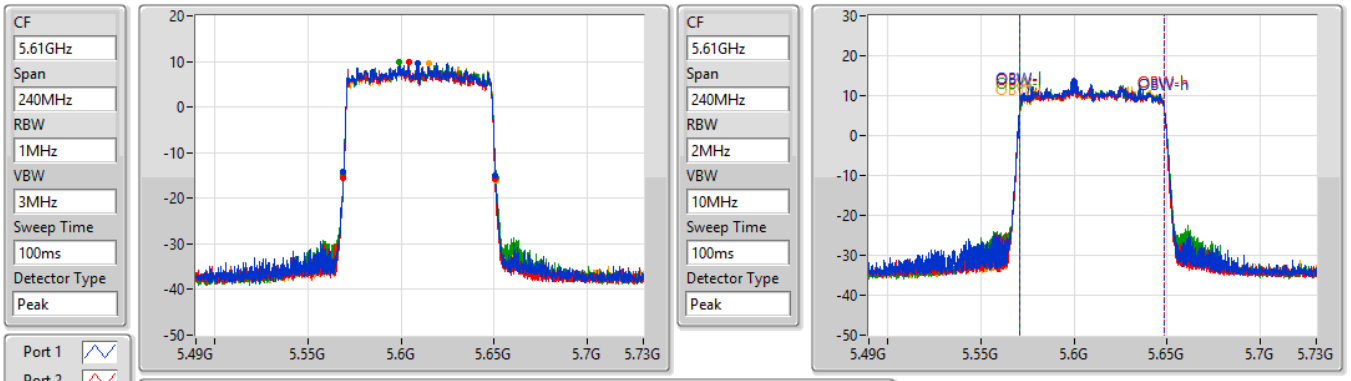


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.4892G	5.5708G	77.361M	5.491259G	5.568621G	Inf	1
81.24M	5.48932G	5.57056G	77.361M	5.491139G	5.568501G	Inf	2
82.08M	5.48908G	5.57116G	77.601M	5.491139G	5.568741G	Inf	3
81.84M	5.48908G	5.57092G	77.241M	5.491259G	5.568501G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5610MHz

03/07/2021

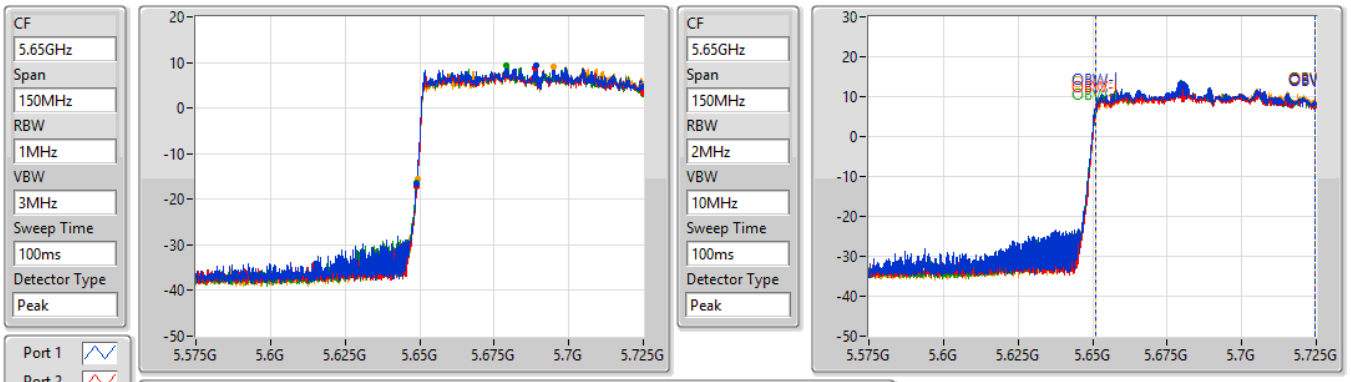


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.56908G	5.65068G	77.361M	5.571139G	5.648501G	Inf	1
81.36M	5.5692G	5.65056G	77.361M	5.571019G	5.648381G	Inf	2
81.96M	5.56908G	5.65104G	77.481M	5.571139G	5.648621G	Inf	3
81.96M	5.5692G	5.65116G	77.361M	5.571139G	5.648501G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

03/07/2021



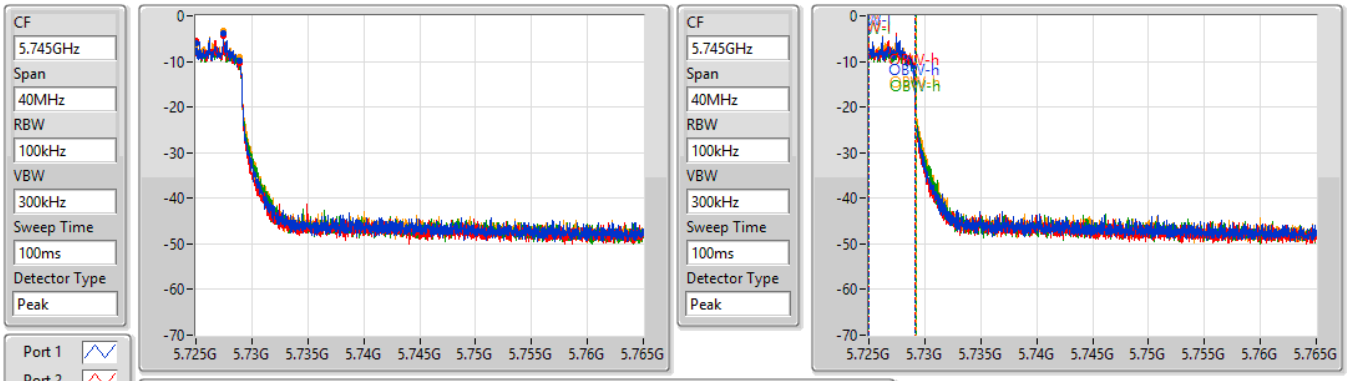
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.2M	5.6488G	5.725G	73.463M	5.650975G	5.724438G	Inf	1
76.125M	5.648875G	5.725G	73.538M	5.650975G	5.724513G	Inf	2
76.05M	5.64895G	5.725G	73.463M	5.650975G	5.724438G	Inf	3
75.75M	5.64925G	5.725G	73.388M	5.651124G	5.724513G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

03/07/2021



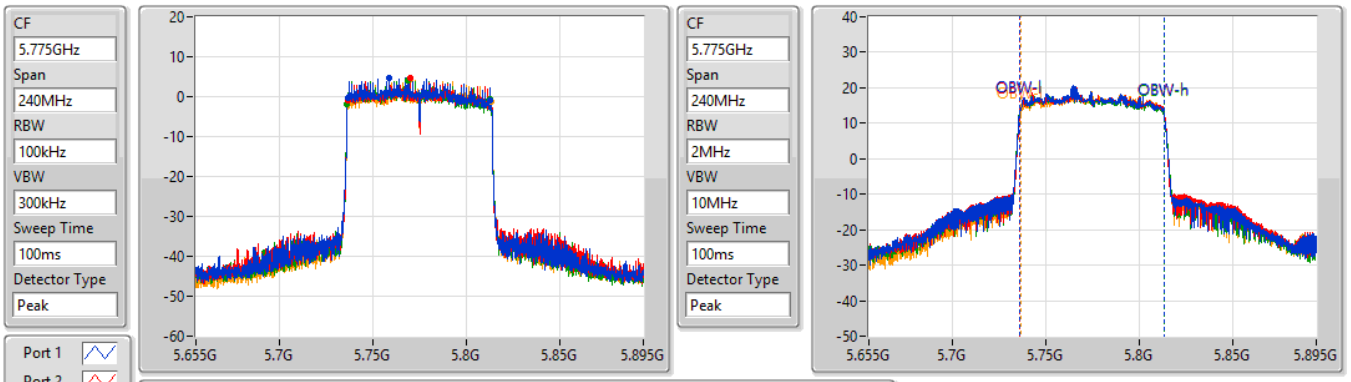
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.94M	5.725G	5.72894G	4.138M	5.72501G	5.729148G	500k	1
3.92M	5.725G	5.72892G	4.078M	5.72503G	5.729108G	500k	2
3.82M	5.725G	5.72882G	4.198M	5.72501G	5.729208G	500k	3
3.9M	5.725G	5.7289G	4.218M	5.72501G	5.729228G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5775MHz

03/07/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.8M	5.73624G	5.81304G	77.361M	5.736019G	5.813381G	500k	1
76.8M	5.73624G	5.81304G	77.481M	5.736019G	5.813501G	500k	2
76.68M	5.73612G	5.8128G	77.481M	5.7359G	5.813381G	500k	3
76.92M	5.73624G	5.81316G	77.241M	5.736259G	5.813501G	500k	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

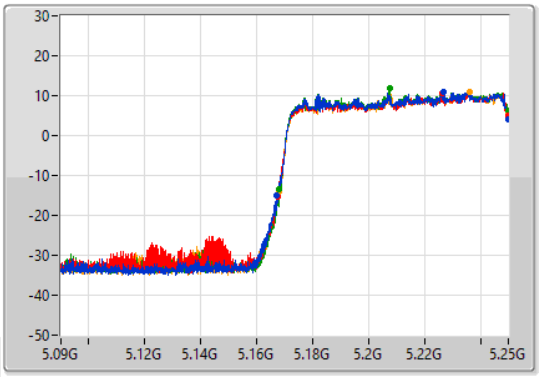
EBW

5250MHz Straddle 5.15-5.25GHz

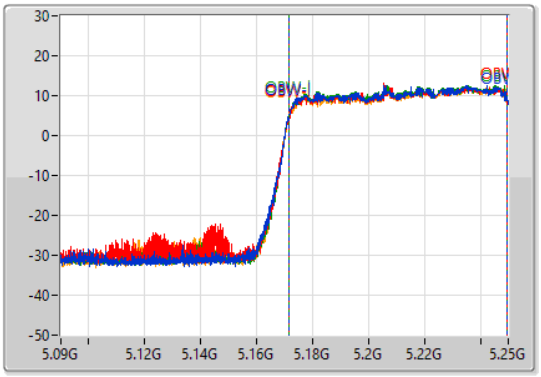
03/07/2021

CF: 5.17GHz
Span: 160MHz
RBW: 2MHz
VBW: 10MHz
Sweep Time: 100ms
Detector Type: Peak

Port 1
Port 2
Port 3
Port 4



CF: 5.17GHz
Span: 160MHz
RBW: 3MHz
VBW: 10MHz
Sweep Time: 100ms
Detector Type: Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.8M	5.1672G	5.25G	77.801M	5.171599G	5.2494G	Inf	1
82.56M	5.16744G	5.25G	77.881M	5.171599G	5.24948G	Inf	2
82M	5.168G	5.25G	77.721M	5.171679G	5.2494G	Inf	3
82.08M	5.16792G	5.25G	77.801M	5.171679G	5.24948G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

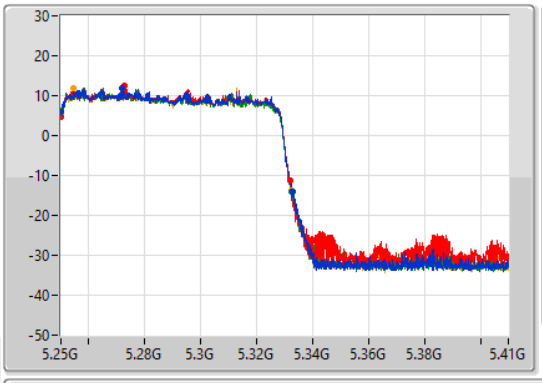
EBW

5250MHz Straddle 5.25-5.35GHz

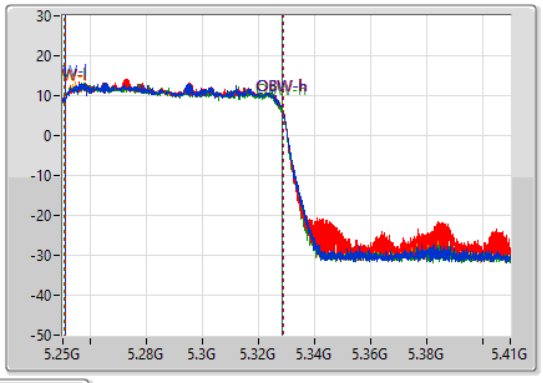
03/07/2021

CF: 5.33GHz
Span: 160MHz
RBW: 2MHz
VBW: 10MHz
Sweep Time: 100ms
Detector Type: Peak

Port 1
Port 2
Port 3
Port 4



CF: 5.33GHz
Span: 160MHz
RBW: 3MHz
VBW: 10MHz
Sweep Time: 100ms
Detector Type: Peak

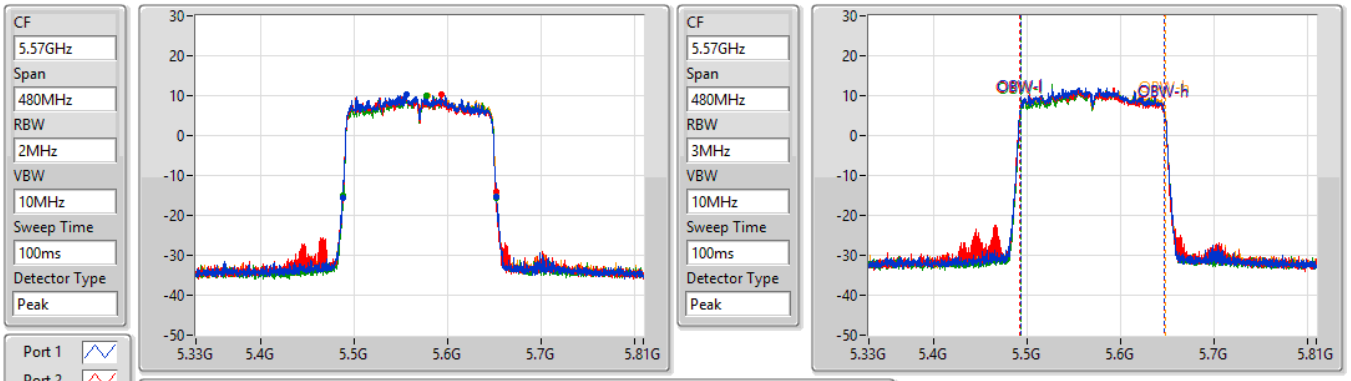


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.96M	5.25G	5.33296G	77.961M	5.25068G	5.328641G	Inf	1
82.08M	5.25G	5.33208G	78.041M	5.25068G	5.328721G	Inf	2
82.64M	5.25G	5.33264G	77.961M	5.2506G	5.328561G	Inf	3
82.4M	5.25G	5.3324G	77.881M	5.25068G	5.328561G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX **EBW**

5570MHz

03/07/2021



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.12M	5.48744G	5.65256G	154.723M	5.492519G	5.647241G	Inf	1
164.4M	5.48768G	5.65208G	154.963M	5.492279G	5.647241G	Inf	2
164.4M	5.48816G	5.65256G	154.723M	5.492759G	5.647481G	Inf	3
164.88M	5.48744G	5.65232G	155.202M	5.492519G	5.647721G	Inf	4

For 4T2S
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	22.77M	19.13M	19M1D1D	21.42M	19.07M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	49.2M	38.141M	38M1D1D	40.02M	37.601M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	81.72M	77.361M	77M4D1D	81.48M	77.241M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	82.16M	78.041M	78M0D1D	81.36M	77.881M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	21.78M	19.13M	19M1D1D	21.33M	19.04M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	40.32M	37.781M	37M8D1D	39.9M	37.601M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	81.72M	77.361M	77M4D1D	81.36M	77.121M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	83.04M	77.961M	78M0D1D	81.92M	77.801M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	21.78M	19.1M	19M1D1D	15.66M	14.513M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	40.26M	37.841M	37M8D1D	35.07M	33.758M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	81.72M	77.481M	77M5D1D	75.75M	73.163M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	164.4M	155.442M	155MD1D	163.2M	154.963M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	19.02M	19.22M	19M2D1D	4.44M	4.618M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	37.62M	38.141M	38M1D1D	3.76M	4.078M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	77.28M	77.481M	77M5D1D	3.82M	4.098M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.42M	19.1M	21.54M	19.07M	21.57M	19.1M	21.72M	19.07M
5200MHz	Pass	Inf	22.05M	19.1M	21.6M	19.07M	22.77M	19.13M	21.78M	19.1M
5240MHz	Pass	Inf	21.51M	19.1M	21.6M	19.1M	22.29M	19.1M	21.66M	19.07M
5260MHz	Pass	Inf	21.39M	19.07M	21.51M	19.04M	21.51M	19.07M	21.75M	19.07M
5300MHz	Pass	Inf	21.33M	19.07M	21.45M	19.1M	21.51M	19.07M	21.66M	19.13M
5320MHz	Pass	Inf	21.48M	19.04M	21.51M	19.07M	21.48M	19.07M	21.78M	19.07M
5500MHz	Pass	Inf	21.51M	19.07M	21.57M	19.04M	21.48M	19.07M	21.72M	19.04M
5580MHz	Pass	Inf	21.45M	19.07M	21.51M	19.07M	21.36M	19.1M	21.75M	19.04M
5700MHz	Pass	Inf	21.54M	19.07M	21.63M	19.07M	21.51M	19.07M	21.78M	19.07M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.675M	14.543M	15.66M	14.513M	15.69M	14.543M	15.825M	14.513M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.48M	4.638M	4.46M	4.658M	4.48M	4.618M	4.44M	4.658M
5745MHz	Pass	500k	18.96M	19.13M	18.96M	19.1M	18.99M	19.19M	18.9M	19.13M
5785MHz	Pass	500k	19.02M	19.16M	18.96M	19.13M	18.93M	19.22M	18.93M	19.13M
5825MHz	Pass	500k	18.96M	19.13M	18.99M	19.16M	18.99M	19.19M	18.96M	19.16M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.26M	37.781M	40.02M	37.601M	40.26M	37.781M	40.2M	37.661M
5230MHz	Pass	Inf	40.2M	37.901M	40.02M	37.781M	49.2M	38.141M	40.08M	37.781M
5270MHz	Pass	Inf	40.02M	37.781M	39.9M	37.661M	40.26M	37.781M	40.14M	37.661M
5310MHz	Pass	Inf	40.26M	37.781M	39.96M	37.601M	40.32M	37.781M	40.26M	37.601M
5510MHz	Pass	Inf	40.08M	37.781M	40.08M	37.721M	40.2M	37.841M	40.26M	37.661M
5550MHz	Pass	Inf	40.26M	37.721M	39.9M	37.601M	40.2M	37.781M	40.26M	37.721M
5670MHz	Pass	Inf	40.2M	37.781M	40.02M	37.721M	39.96M	37.721M	40.02M	37.721M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.28M	33.758M	35.07M	33.758M	35.21M	33.758M	35.105M	33.793M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.078M	3.82M	4.098M	3.76M	4.078M	3.9M	4.098M
5755MHz	Pass	500k	37.08M	38.021M	37.56M	37.901M	37.02M	38.081M	37.38M	37.841M
5795MHz	Pass	500k	37.5M	38.081M	37.32M	37.901M	37.38M	38.141M	37.62M	37.901M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.6M	77.361M	81.48M	77.361M	81.72M	77.241M	81.48M	77.361M
5290MHz	Pass	Inf	81.48M	77.361M	81.72M	77.121M	81.6M	77.241M	81.36M	77.361M
5530MHz	Pass	Inf	81.72M	77.361M	81.24M	77.361M	81.6M	77.241M	81.6M	77.481M
5610MHz	Pass	Inf	81.6M	77.241M	81.36M	77.361M	81.6M	77.241M	81.36M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.825M	73.238M	75.825M	73.313M	75.75M	73.163M	75.9M	73.463M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.92M	4.178M	3.82M	4.138M	3.92M	4.138M	3.82M	4.098M
5775MHz	Pass	500k	77.04M	77.361M	76.32M	77.481M	77.16M	77.361M	77.28M	77.481M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.16M	78.041M	81.68M	77.961M	81.36M	77.961M	81.52M	77.881M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.48M	77.881M	83.04M	77.961M	82.48M	77.801M	81.92M	77.961M
5570MHz	Pass	Inf	163.2M	154.963M	164.4M	154.963M	163.2M	154.963M	164.16M	155.442M

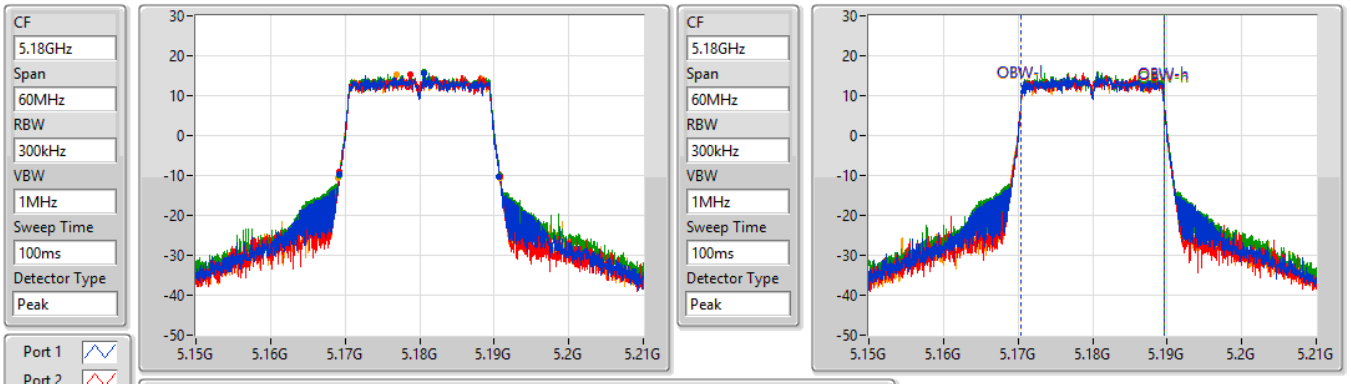
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

EBW

5180MHz

03/07/2021



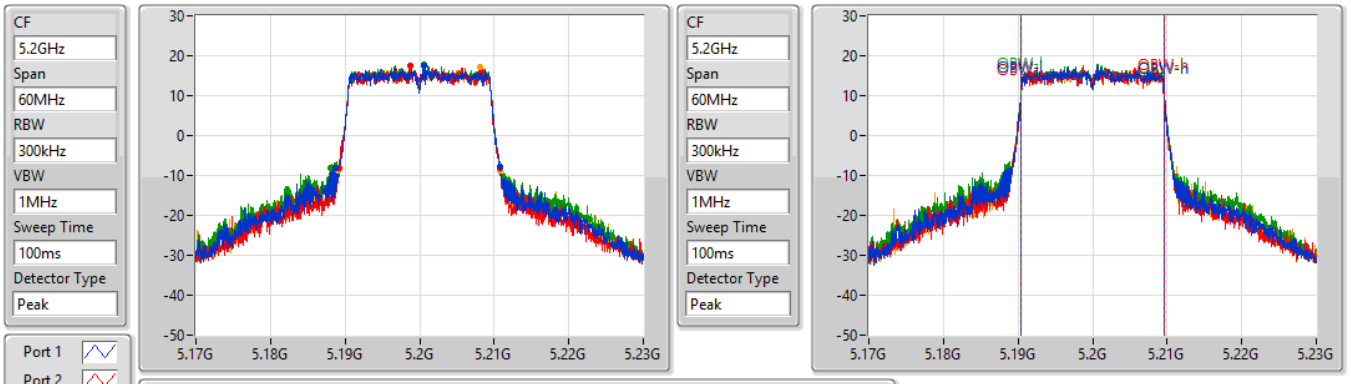
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.42M	5.16926G	5.19068G	19.1M	5.170435G	5.189535G	Inf	1
21.54M	5.16929G	5.19083G	19.07M	5.170465G	5.189535G	Inf	2
21.57M	5.16923G	5.1908G	19.1M	5.170435G	5.189535G	Inf	3
21.72M	5.16908G	5.1908G	19.07M	5.170465G	5.189535G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

EBW

5200MHz

03/07/2021

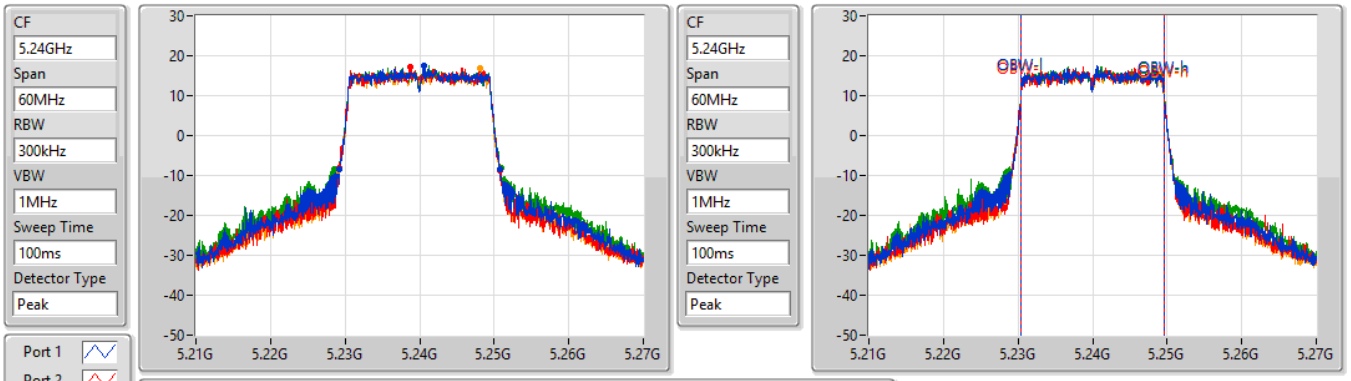


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.05M	5.18866G	5.21071G	19.1M	5.190435G	5.209535G	Inf	1
21.6M	5.18917G	5.21077G	19.07M	5.190465G	5.209535G	Inf	2
22.77M	5.18806G	5.21083G	19.13M	5.190435G	5.209565G	Inf	3
21.78M	5.18902G	5.2108G	19.1M	5.190435G	5.209535G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5240MHz

03/07/2021

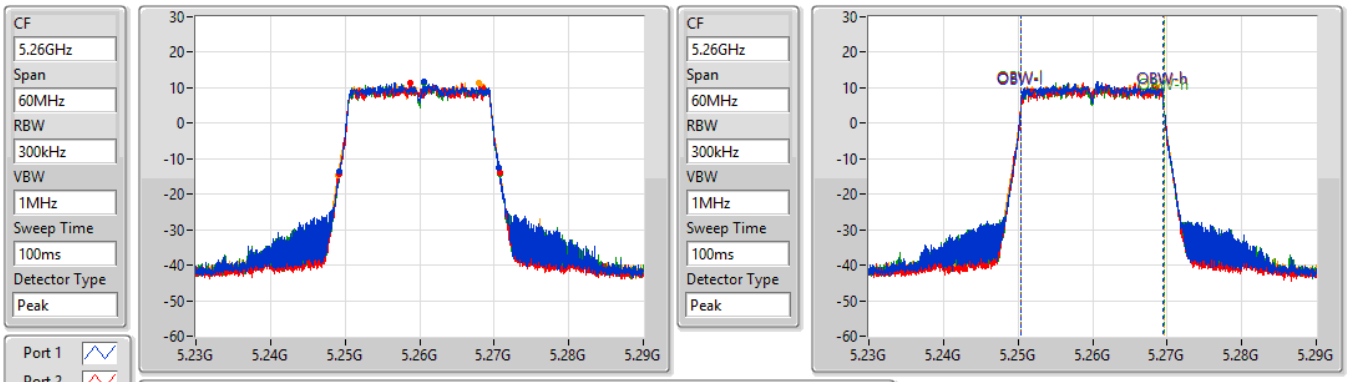


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.22929G	5.2508G	19.1M	5.230435G	5.249535G	Inf	1
21.6M	5.2292G	5.2508G	19.1M	5.230435G	5.249535G	Inf	2
22.29M	5.2286G	5.25089G	19.1M	5.230435G	5.249535G	Inf	3
21.66M	5.22911G	5.25077G	19.07M	5.230465G	5.249535G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5260MHz

03/07/2021



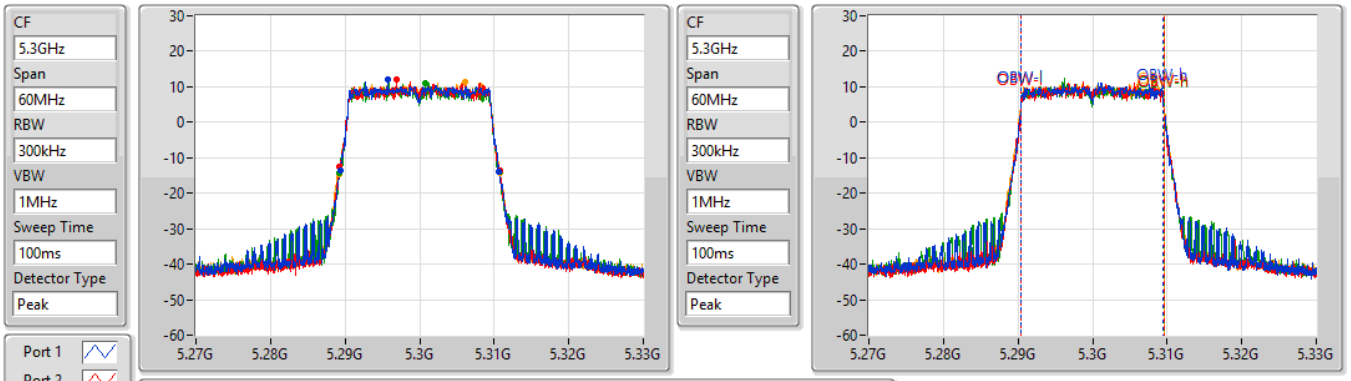
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.24929G	5.27068G	19.07M	5.250435G	5.269505G	Inf	1
21.51M	5.24926G	5.27077G	19.04M	5.250465G	5.269505G	Inf	2
21.51M	5.24926G	5.27077G	19.07M	5.250465G	5.269535G	Inf	3
21.75M	5.24905G	5.2708G	19.07M	5.250465G	5.269535G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

EBW

5300MHz

03/07/2021



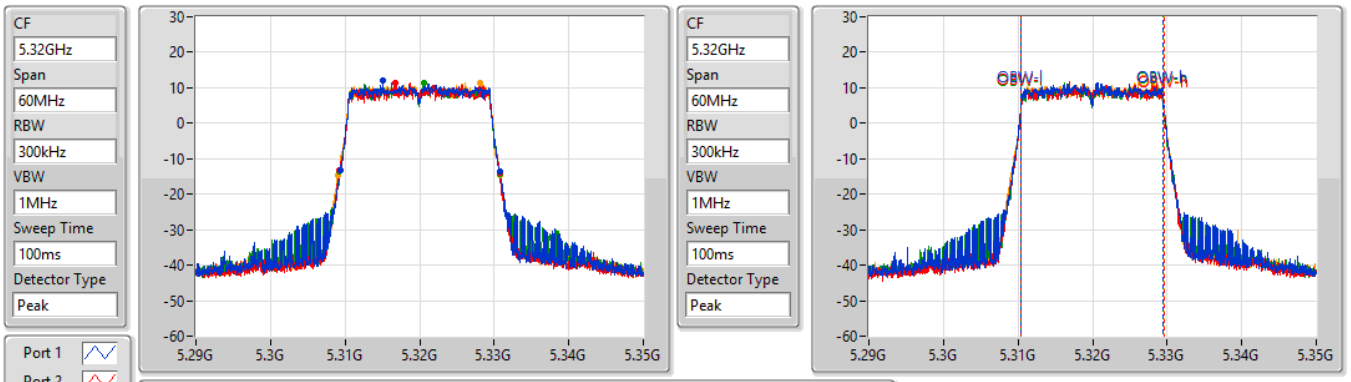
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.33M	5.28932G	5.31065G	19.07M	5.290435G	5.309505G	Inf	1
21.45M	5.28929G	5.31074G	19.1M	5.290435G	5.309535G	Inf	2
21.51M	5.28923G	5.31074G	19.07M	5.290465G	5.309535G	Inf	3
21.66M	5.28914G	5.3108G	19.13M	5.290405G	5.309535G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

EBW

5320MHz

03/07/2021

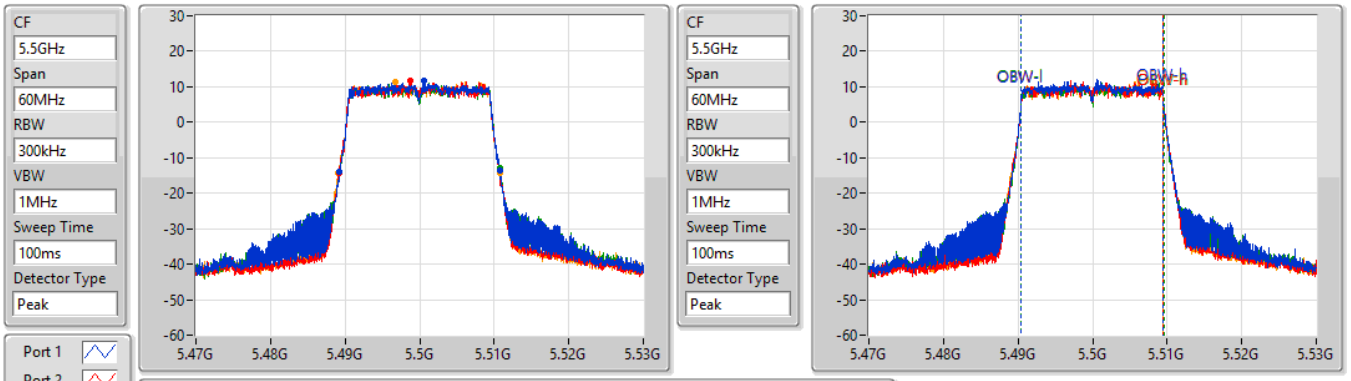


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.30932G	5.3308G	19.04M	5.310465G	5.329505G	Inf	1
21.51M	5.3092G	5.33071G	19.07M	5.310465G	5.329535G	Inf	2
21.48M	5.30929G	5.33077G	19.07M	5.310435G	5.329505G	Inf	3
21.78M	5.30902G	5.3308G	19.07M	5.310465G	5.329535G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5500MHz

03/07/2021

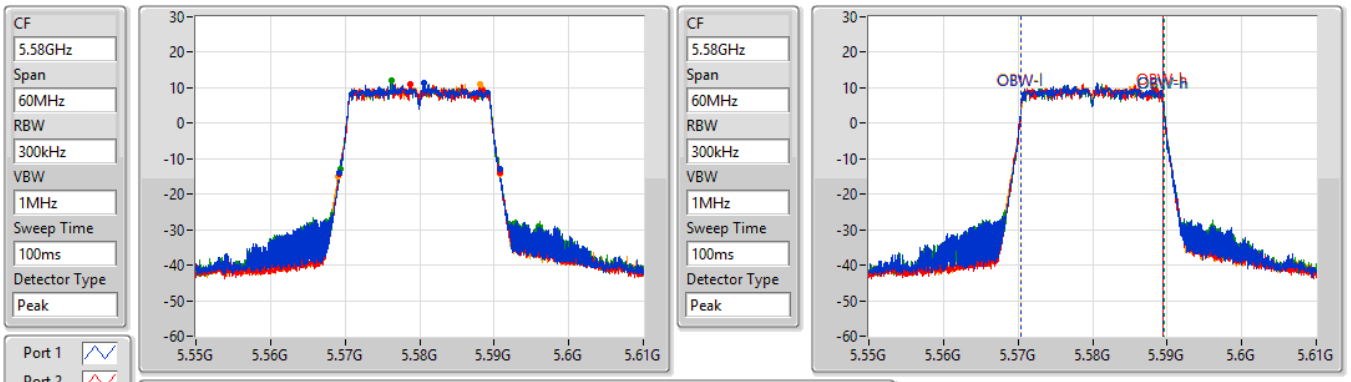


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.48929G	5.5108G	19.07M	5.490435G	5.509505G	Inf	1
21.57M	5.4892G	5.51077G	19.04M	5.490465G	5.509505G	Inf	2
21.48M	5.48929G	5.51077G	19.07M	5.490465G	5.509535G	Inf	3
21.72M	5.48908G	5.5108G	19.04M	5.490465G	5.509505G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5580MHz

03/07/2021

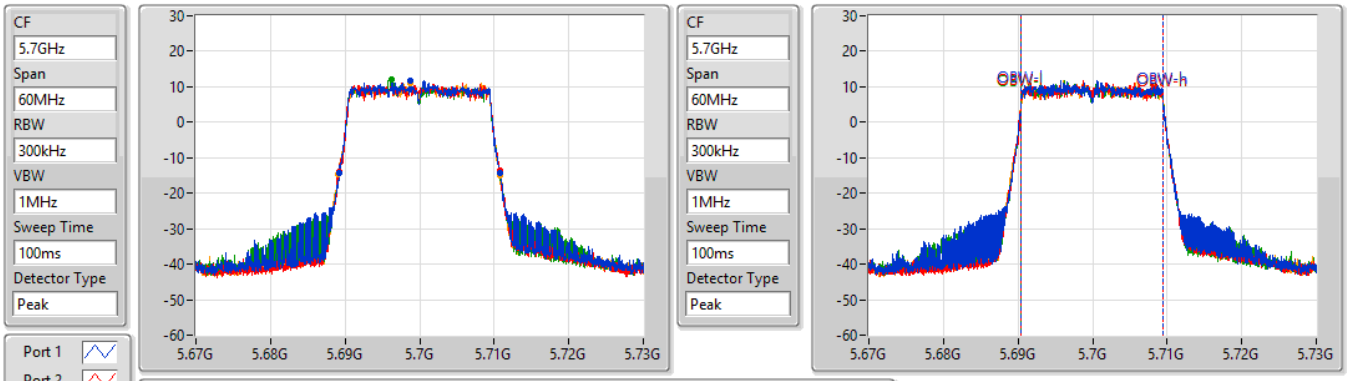


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.56926G	5.59071G	19.07M	5.570435G	5.589505G	Inf	1
21.51M	5.56923G	5.59074G	19.07M	5.570435G	5.589505G	Inf	2
21.36M	5.56935G	5.59071G	19.1M	5.570435G	5.589535G	Inf	3
21.75M	5.56905G	5.5908G	19.04M	5.570465G	5.589505G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5700MHz

03/07/2021

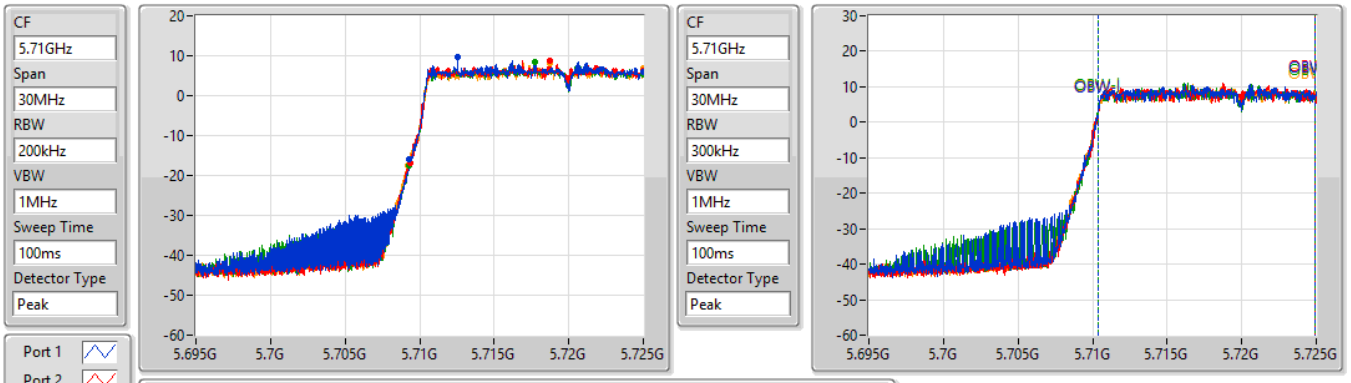


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.68926G	5.7108G	19.07M	5.690435G	5.709505G	Inf	1
21.63M	5.68914G	5.71077G	19.07M	5.690435G	5.709505G	Inf	2
21.51M	5.68923G	5.71074G	19.07M	5.690435G	5.709505G	Inf	3
21.78M	5.68902G	5.7108G	19.07M	5.690435G	5.709505G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

03/07/2021



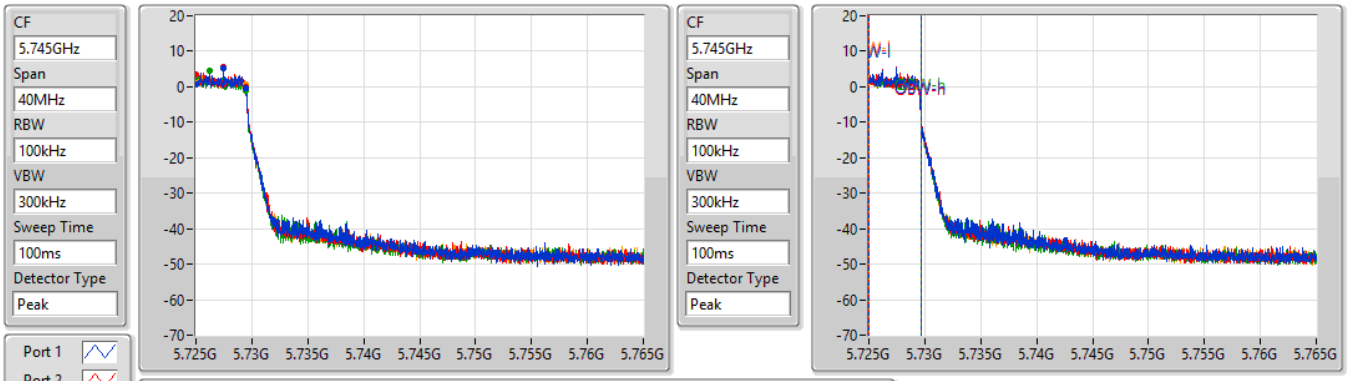
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.675M	5.709325G	5.725G	14.543M	5.71039G	5.724933G	Inf	1
15.66M	5.70934G	5.725G	14.513M	5.710405G	5.724918G	Inf	2
15.69M	5.70931G	5.725G	14.543M	5.710375G	5.724918G	Inf	3
15.825M	5.709175G	5.725G	14.513M	5.71039G	5.724903G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

EBW

03/07/2021



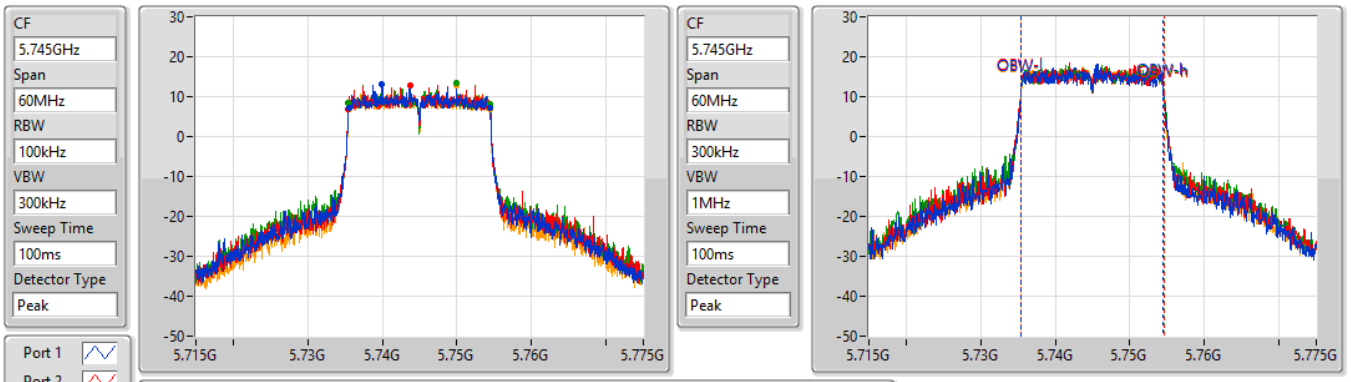
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.48M	5.725G	5.72948G	4.638M	5.72501G	5.729648G	500k	1
4.46M	5.725G	5.72946G	4.658M	5.72501G	5.729668G	500k	2
4.48M	5.725G	5.72948G	4.618M	5.72503G	5.729648G	500k	3
4.44M	5.725G	5.72944G	4.658M	5.72501G	5.729668G	500k	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

5745MHz

EBW

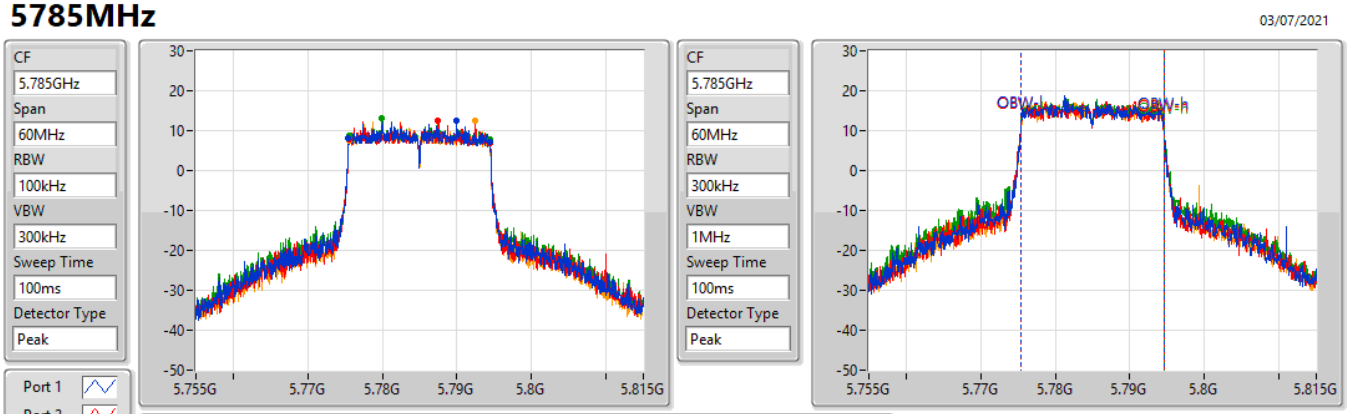
03/07/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.96M	5.73552G	5.75448G	19.13M	5.735375G	5.754505G	500k	1
18.96M	5.73543G	5.75439G	19.1M	5.735435G	5.754535G	500k	2
18.99M	5.73546G	5.75445G	19.19M	5.735375G	5.754565G	500k	3
18.9M	5.73549G	5.75439G	19.13M	5.735405G	5.754535G	500k	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

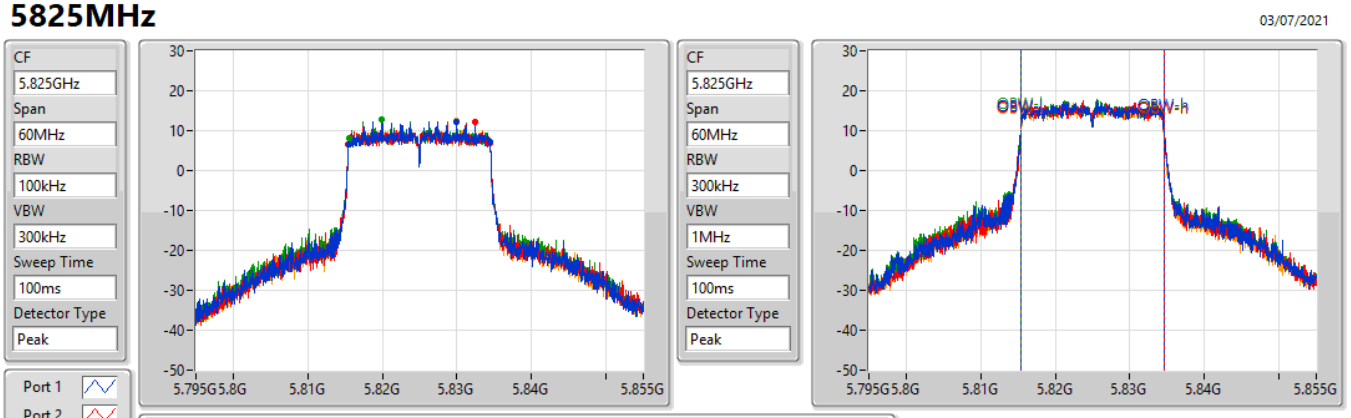
5785MHz



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	19.16M	5.775375G	5.794535G	500k	1
18.96M	5.77549G	5.79445G	19.13M	5.775405G	5.794535G	500k	2
18.93M	5.77552G	5.79445G	19.22M	5.7753345G	5.794565G	500k	3
18.93M	5.77552G	5.79445G	19.13M	5.775405G	5.794535G	500k	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5825MHz

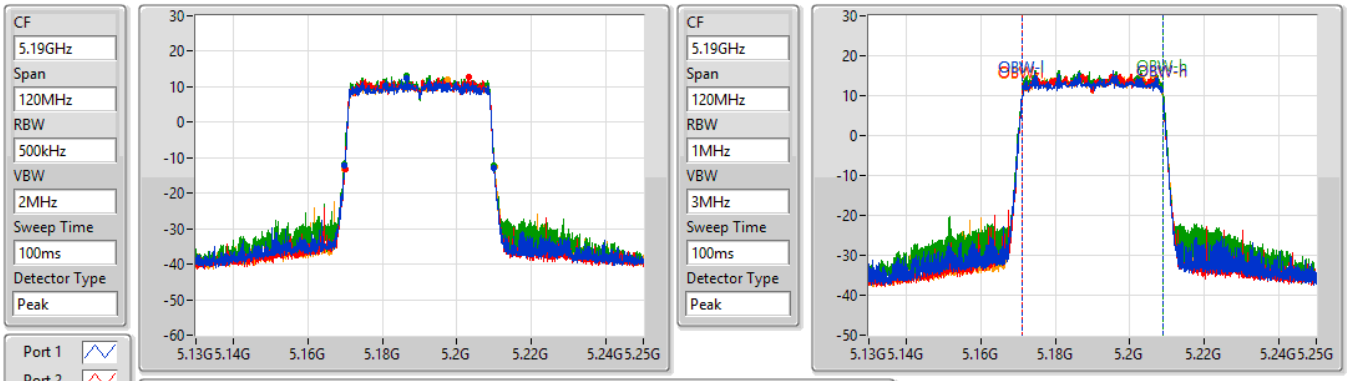


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.96M	5.81549G	5.83445G	19.13M	5.815405G	5.834535G	500k	1
18.99M	5.81546G	5.83445G	19.16M	5.815405G	5.834565G	500k	2
18.99M	5.81549G	5.83448G	19.19M	5.815375G	5.834565G	500k	3
18.96M	5.81549G	5.83445G	19.16M	5.815405G	5.834565G	500k	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5190MHz

03/07/2021

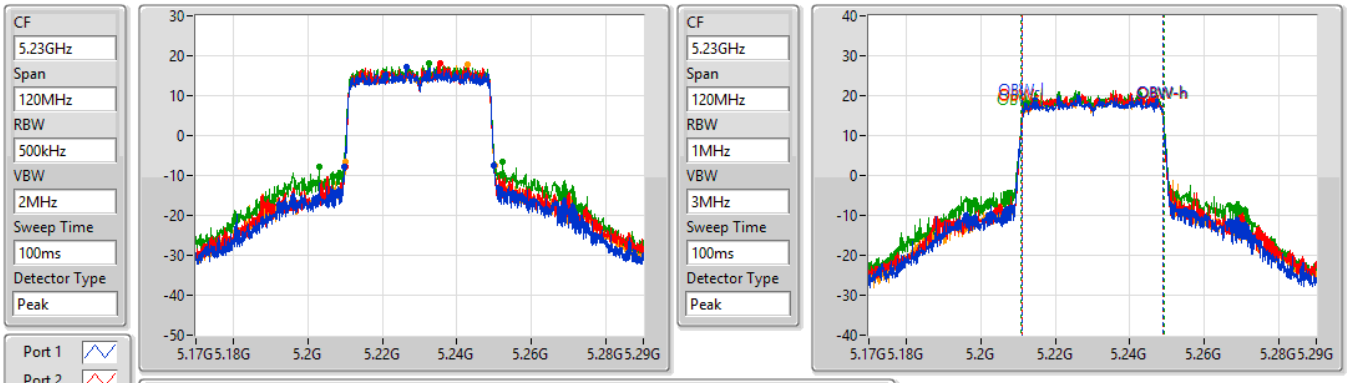


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.16972G	5.20998G	37.781M	5.171109G	5.208891G	Inf	1
40.02M	5.16996G	5.20998G	37.601M	5.171169G	5.208771G	Inf	2
40.26M	5.16972G	5.20998G	37.781M	5.171109G	5.208891G	Inf	3
40.2M	5.1699G	5.2101G	37.661M	5.171169G	5.208831G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5230MHz

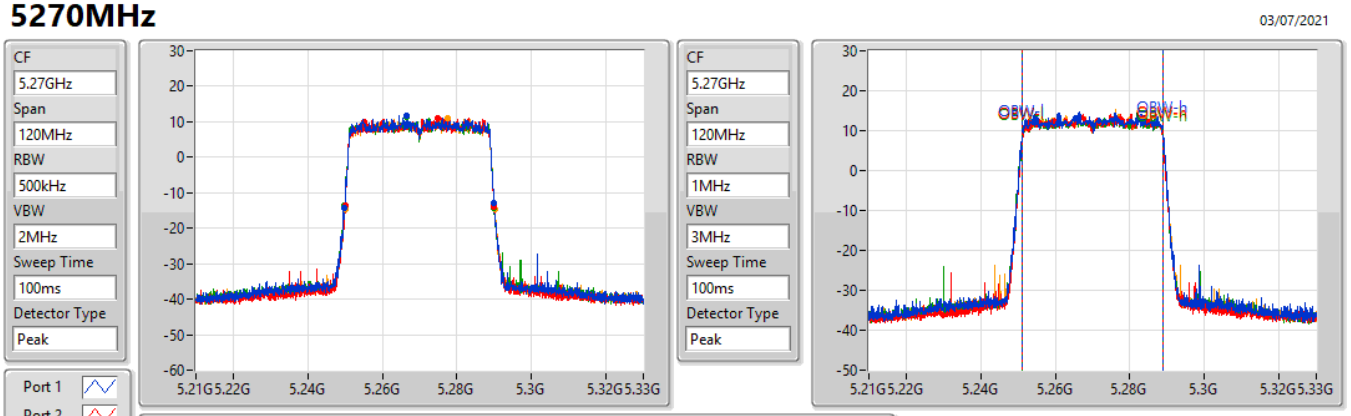
03/07/2021



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.20978G	5.24998G	37.901M	5.211049G	5.248951G	Inf	1
40.02M	5.20996G	5.24998G	37.781M	5.211109G	5.248891G	Inf	2
49.2M	5.203G	5.2522G	38.141M	5.21093G	5.24907G	Inf	3
40.08M	5.21002G	5.2501G	37.781M	5.211109G	5.248891G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

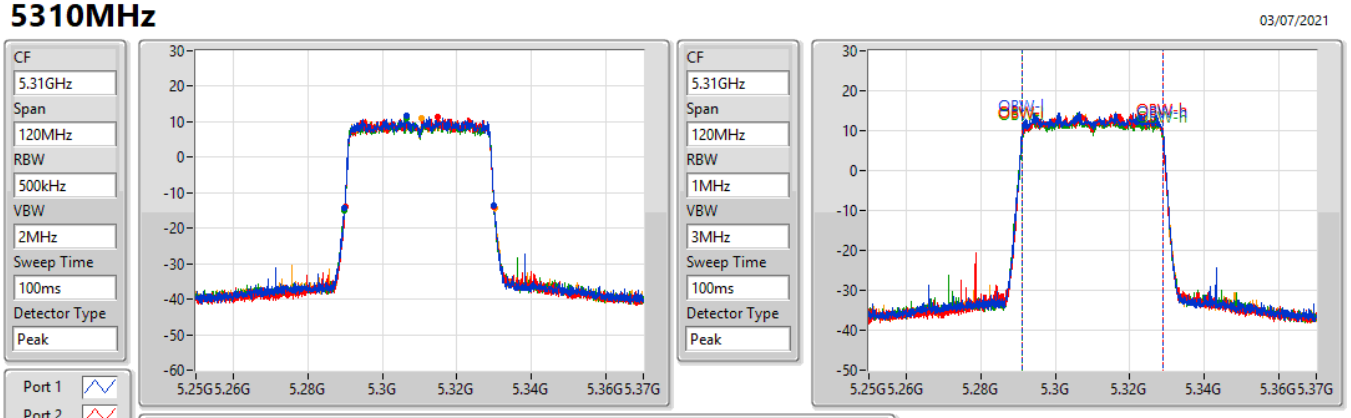
5270MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.2499G	5.28992G	37.781M	5.251109G	5.288891G	Inf	1
39.9M	5.25002G	5.28992G	37.661M	5.251169G	5.288831G	Inf	2
40.26M	5.24972G	5.28998G	37.781M	5.251109G	5.288891G	Inf	3
40.14M	5.25002G	5.29016G	37.661M	5.251169G	5.288831G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5310MHz

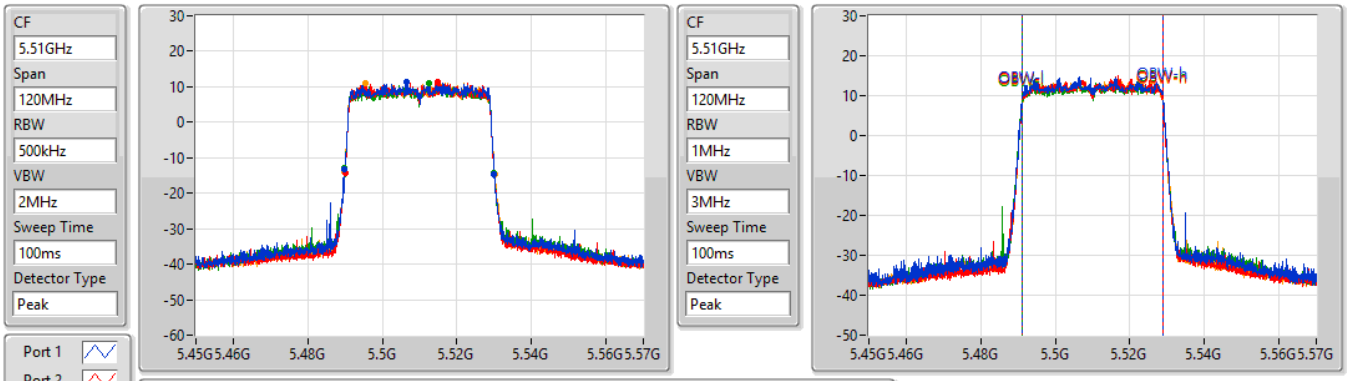


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.28972G	5.32998G	37.781M	5.291109G	5.328891G	Inf	1
39.96M	5.29002G	5.32998G	37.601M	5.291169G	5.328771G	Inf	2
40.32M	5.28966G	5.32998G	37.781M	5.291109G	5.328891G	Inf	3
40.26M	5.28984G	5.3301G	37.601M	5.291169G	5.328771G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5510MHz

03/07/2021

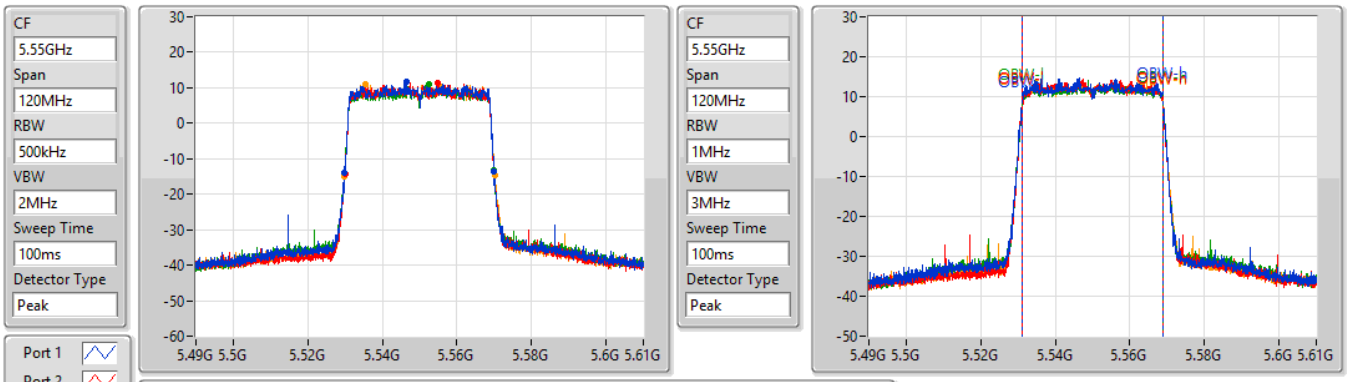


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.4899G	5.52998G	37.781M	5.491109G	5.528891G	Inf	1
40.08M	5.48996G	5.53004G	37.721M	5.491109G	5.528831G	Inf	2
40.2M	5.48978G	5.52998G	37.841M	5.491109G	5.528951G	Inf	3
40.26M	5.4899G	5.53016G	37.661M	5.491109G	5.528771G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5550MHz

03/07/2021

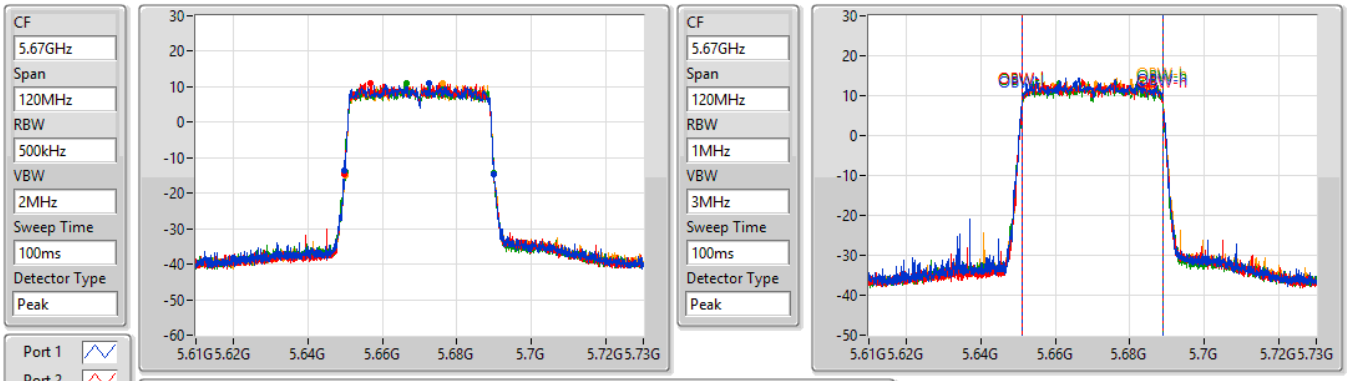


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.52972G	5.56998G	37.721M	5.531109G	5.568831G	Inf	1
39.9M	5.53002G	5.56992G	37.601M	5.531169G	5.568771G	Inf	2
40.2M	5.52978G	5.56998G	37.781M	5.531109G	5.568891G	Inf	3
40.26M	5.52984G	5.5701G	37.721M	5.531109G	5.568831G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5670MHz

03/07/2021

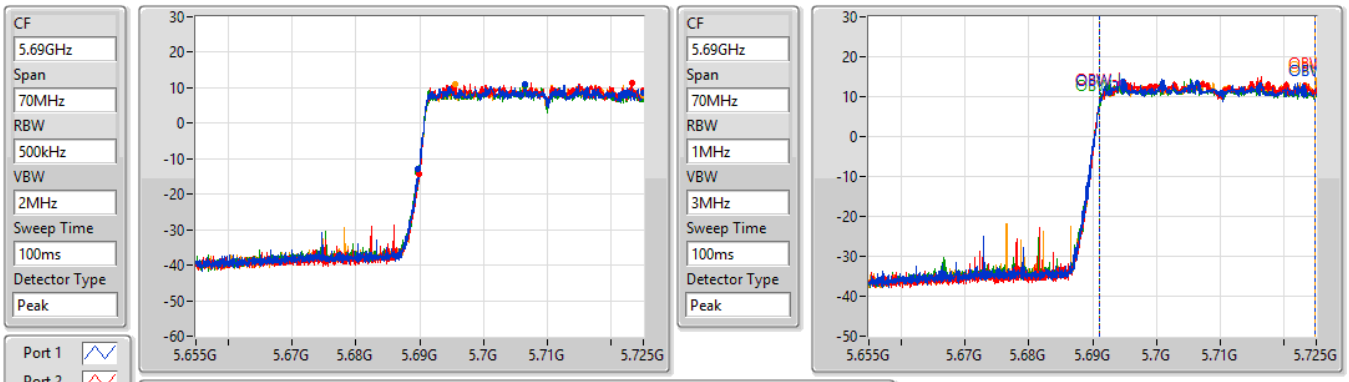


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.64978G	5.68998G	37.781M	5.651049G	5.688831G	Inf	1
40.02M	5.6499G	5.68992G	37.721M	5.651109G	5.688831G	Inf	2
39.96M	5.65002G	5.68998G	37.721M	5.651109G	5.688831G	Inf	3
40.02M	5.64996G	5.68998G	37.721M	5.651109G	5.688831G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

03/07/2021



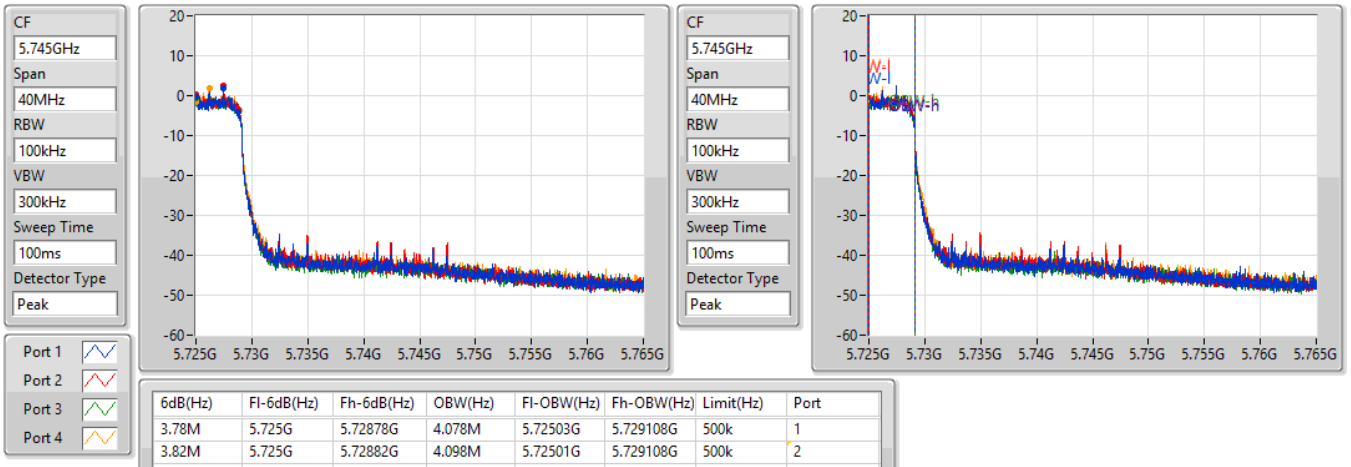
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.28M	5.68972G	5.725G	33.758M	5.691014G	5.724773G	Inf	1
35.07M	5.68993G	5.725G	33.758M	5.691049G	5.724808G	Inf	2
35.21M	5.68979G	5.725G	33.758M	5.691014G	5.724773G	Inf	3
35.105M	5.689895G	5.725G	33.793M	5.691049G	5.724843G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

03/07/2021



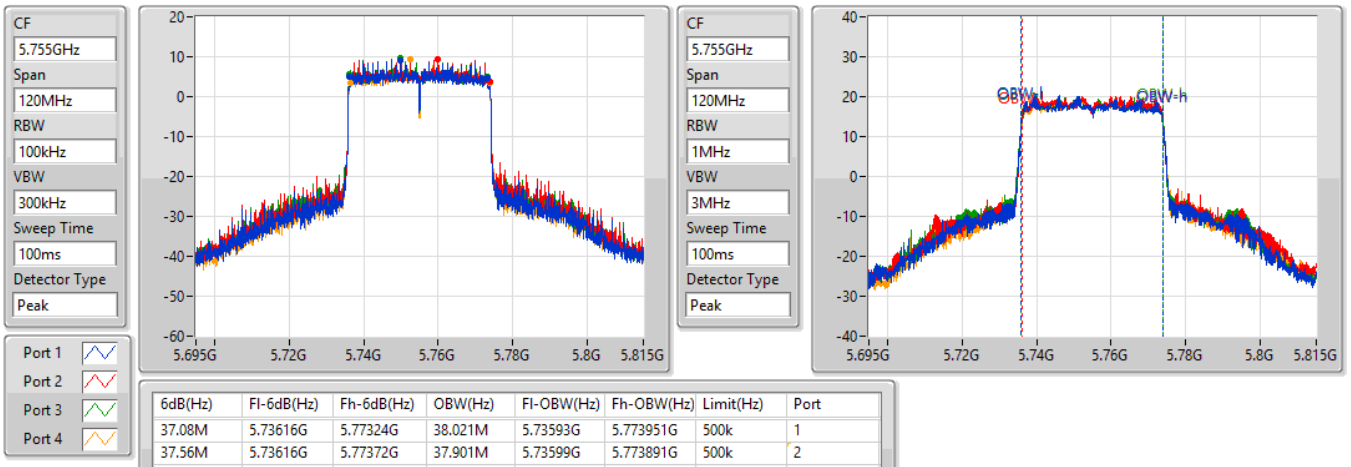
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.78M	5.725G	5.72878G	4.078M	5.72503G	5.729108G	500k	1
3.82M	5.725G	5.72882G	4.098M	5.72501G	5.729108G	500k	2
3.76M	5.725G	5.72876G	4.078M	5.72501G	5.729088G	500k	3
3.9M	5.725G	5.7289G	4.098M	5.72501G	5.729108G	500k	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX

EBW

5755MHz

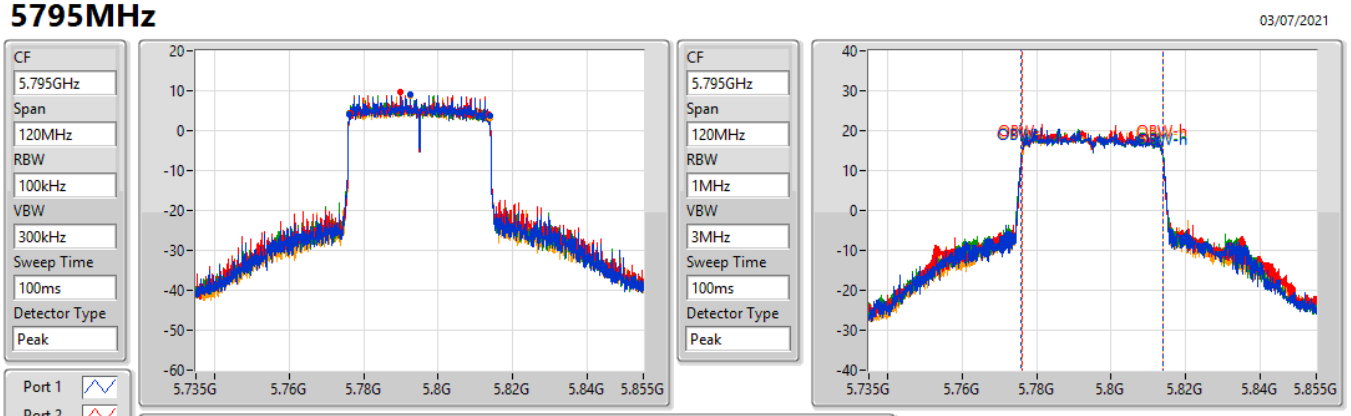
03/07/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.08M	5.73616G	5.77324G	38.021M	5.73593G	5.773951G	500k	1
37.56M	5.73616G	5.77372G	37.901M	5.73599G	5.773891G	500k	2
37.02M	5.73622G	5.77324G	38.081M	5.73587G	5.773951G	500k	3
37.38M	5.73634G	5.77372G	37.841M	5.736049G	5.773891G	500k	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

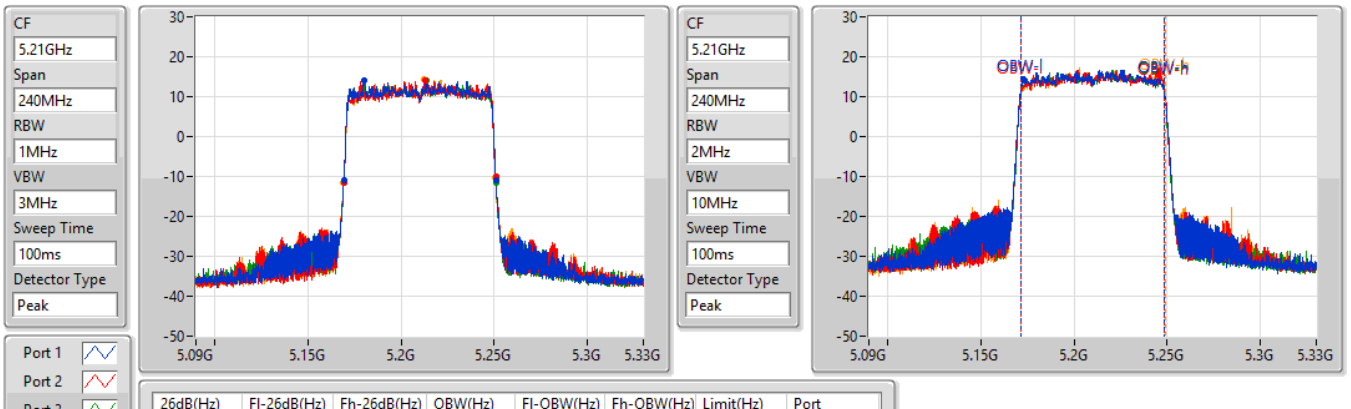
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.5M	5.77622G	5.81372G	38.081M	5.77593G	5.81401G	500k	1
37.32M	5.77634G	5.81366G	37.901M	5.77599G	5.813891G	500k	2
37.38M	5.7761G	5.81348G	38.141M	5.77587G	5.81401G	500k	3
37.62M	5.77616G	5.81378G	37.901M	5.77599G	5.813891G	500k	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

5210MHz

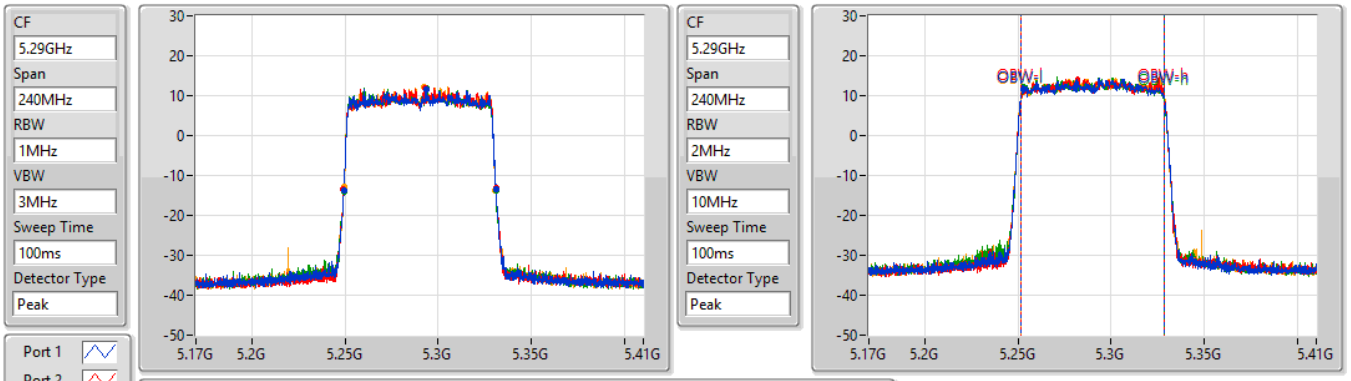


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.16932G	5.25092G	77.361M	5.171379G	5.248741G	Inf	1
81.48M	5.16932G	5.2508G	77.361M	5.171379G	5.248741G	Inf	2
81.72M	5.16932G	5.25104G	77.241M	5.171379G	5.248621G	Inf	3
81.48M	5.1692G	5.25068G	77.361M	5.171499G	5.248861G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

5290MHz

03/07/2021

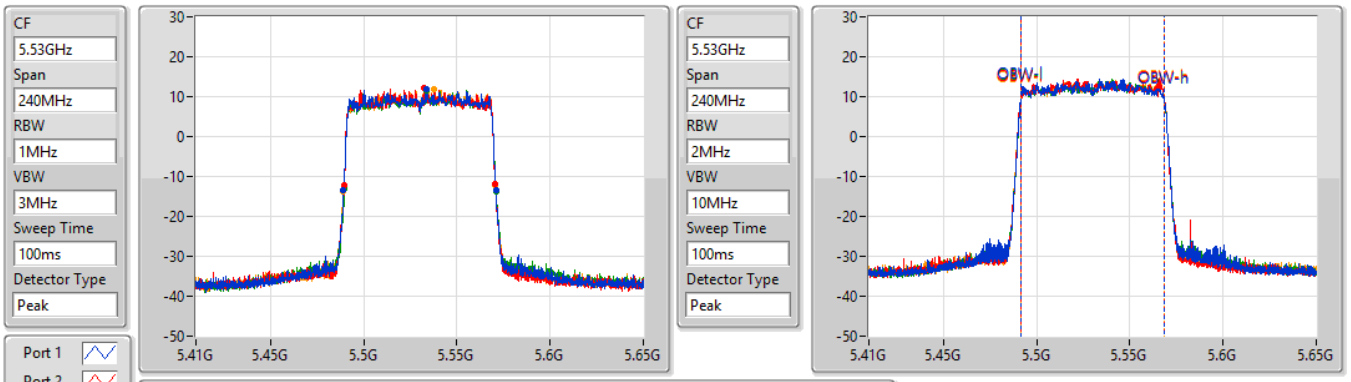


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.24944G	5.33092G	77.361M	5.251379G	5.328741G	Inf	1
81.72M	5.2492G	5.33092G	77.121M	5.251499G	5.328621G	Inf	2
81.6M	5.24932G	5.33092G	77.241M	5.251379G	5.328621G	Inf	3
81.36M	5.24932G	5.33068G	77.361M	5.251379G	5.328741G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

5530MHz

03/07/2021

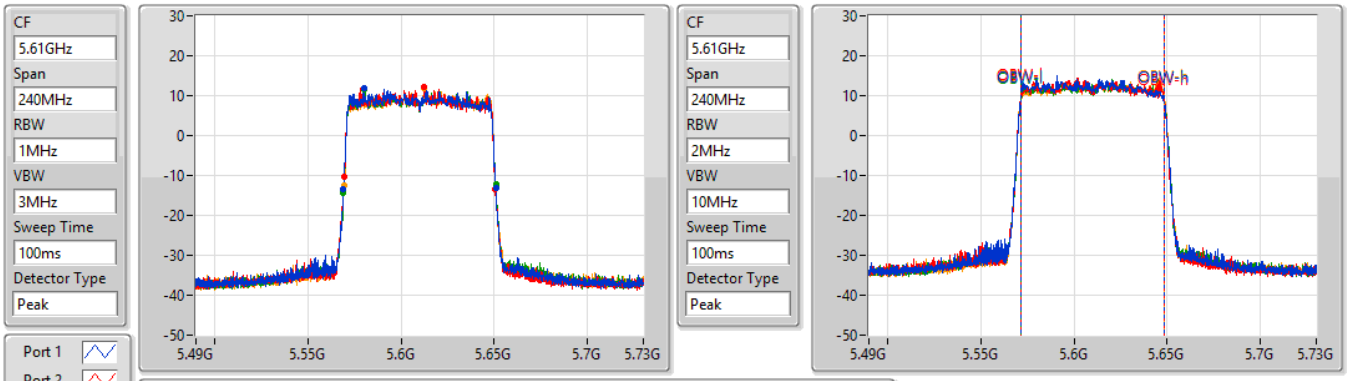


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.4892G	5.57092G	77.361M	5.491379G	5.568741G	Inf	1
81.24M	5.48944G	5.57068G	77.361M	5.491379G	5.568741G	Inf	2
81.6M	5.48944G	5.57104G	77.241M	5.491499G	5.568741G	Inf	3
81.6M	5.48908G	5.57068G	77.481M	5.491259G	5.568741G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

5610MHz

03/07/2021

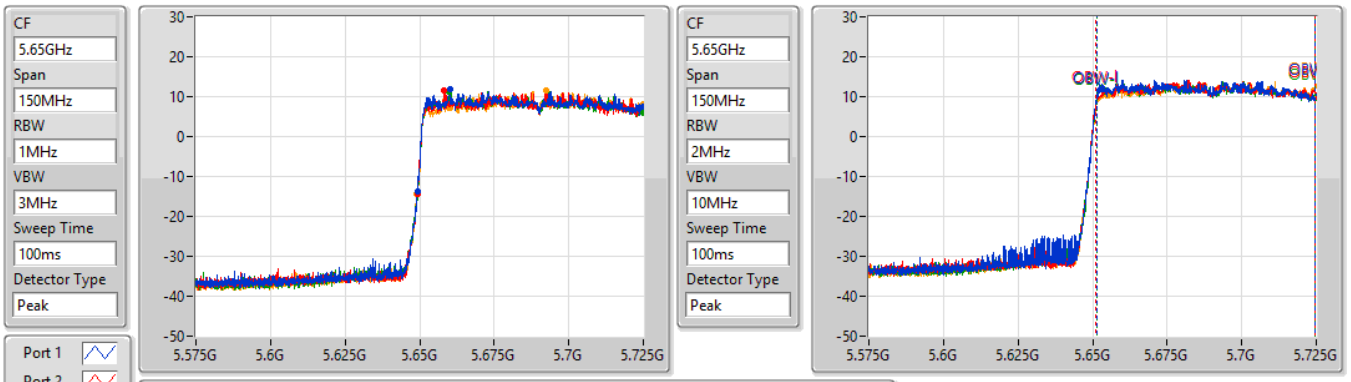


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.5692G	5.6508G	77.241M	5.571259G	5.648501G	Inf	1
81.36M	5.56932G	5.65068G	77.361M	5.571259G	5.648621G	Inf	2
81.6M	5.5692G	5.6508G	77.241M	5.571379G	5.648621G	Inf	3
81.36M	5.56932G	5.65068G	77.361M	5.571379G	5.648741G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

03/07/2021



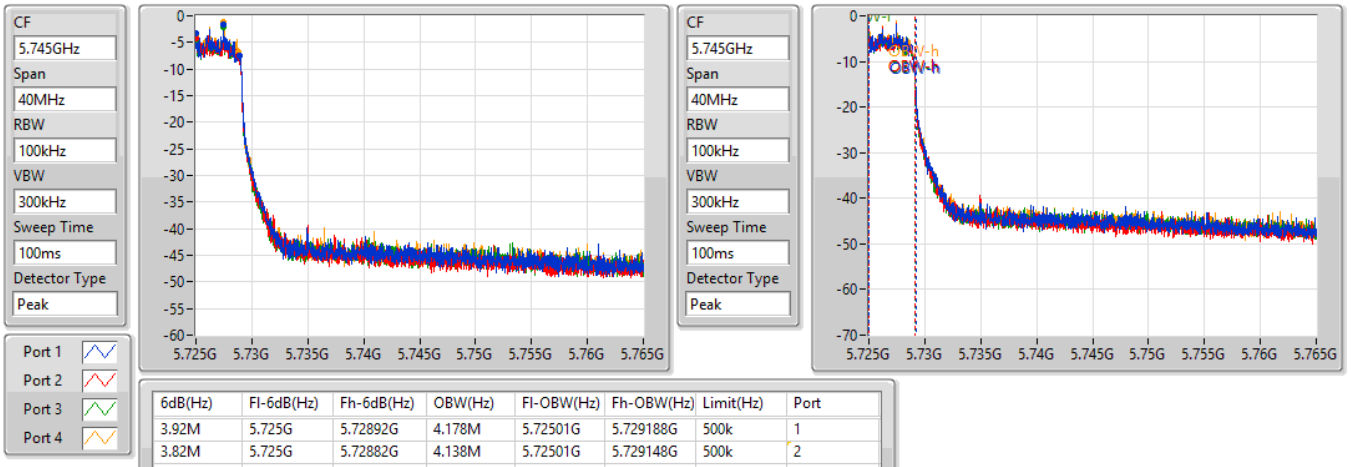
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.825M	5.649175G	5.725G	73.238M	5.651274G	5.724513G	Inf	1
75.825M	5.649175G	5.725G	73.313M	5.651199G	5.724513G	Inf	2
75.75M	5.64925G	5.725G	73.163M	5.651274G	5.724438G	Inf	3
75.9M	5.6491G	5.725G	73.463M	5.651274G	5.724738G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

03/07/2021



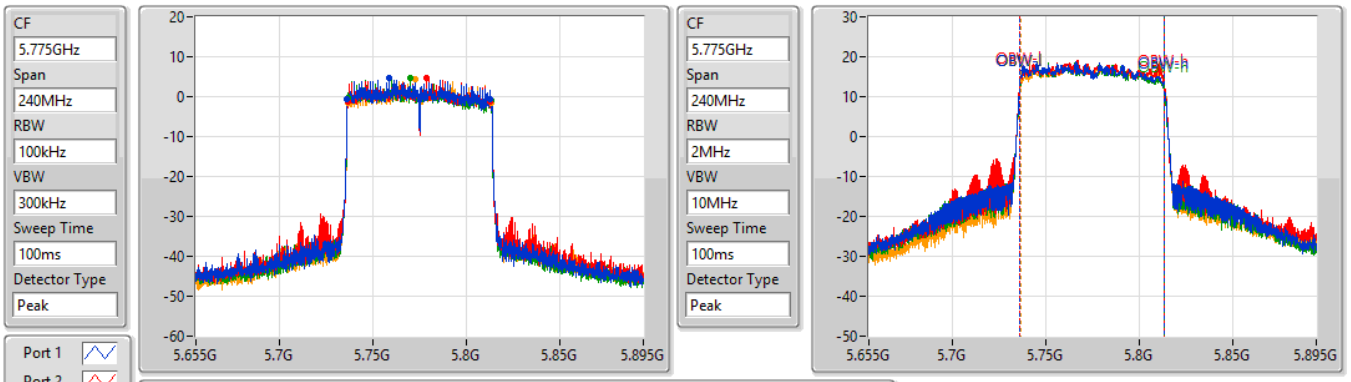
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.92M	5.725G	5.72892G	4.178M	5.72501G	5.729188G	500k	1
3.82M	5.725G	5.72882G	4.138M	5.72501G	5.729148G	500k	2
3.92M	5.725G	5.72892G	4.138M	5.72503G	5.729168G	500k	3
3.82M	5.725G	5.72882G	4.098M	5.72503G	5.729128G	500k	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX

EBW

5775MHz

03/07/2021



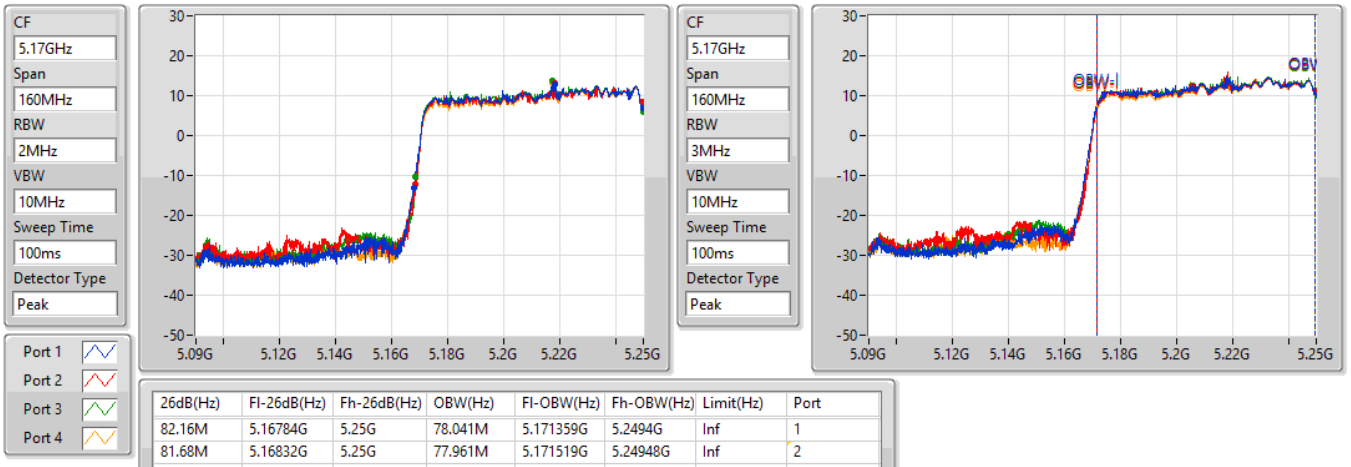
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.04M	5.736G	5.81304G	77.361M	5.736139G	5.813501G	500k	1
76.32M	5.73636G	5.81268G	77.481M	5.736139G	5.813621G	500k	2
77.16M	5.73624G	5.8134G	77.361M	5.736139G	5.813501G	500k	3
77.28M	5.73648G	5.81376G	77.481M	5.736259G	5.813741G	500k	4

802.11ax HEW160-BF_Nss2,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

03/07/2021



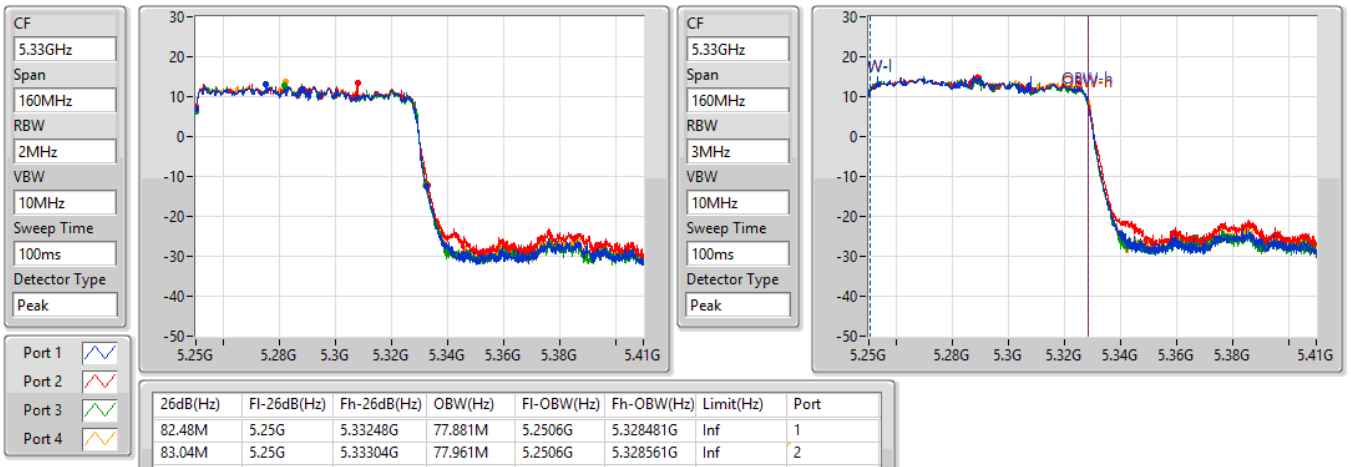
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.16M	5.16784G	5.25G	78.041M	5.171359G	5.2494G	Inf	1
81.68M	5.16832G	5.25G	77.961M	5.171519G	5.24948G	Inf	2
81.36M	5.16864G	5.25G	77.961M	5.171519G	5.24948G	Inf	3
81.52M	5.16848G	5.25G	77.881M	5.171599G	5.24948G	Inf	4

802.11ax HEW160-BF_Nss2,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

03/07/2021

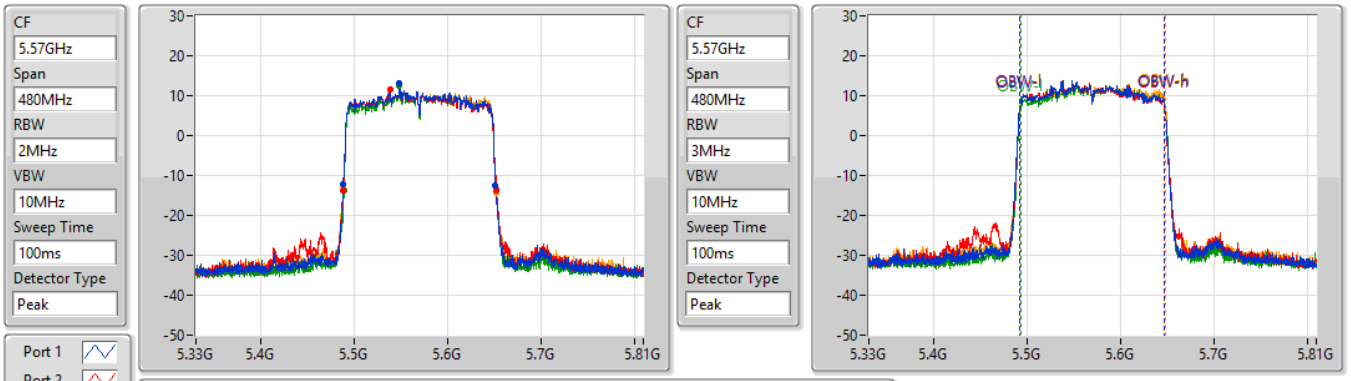


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.48M	5.25G	5.33248G	77.881M	5.2506G	5.328481G	Inf	1
83.04M	5.25G	5.33304G	77.961M	5.2506G	5.328561G	Inf	2
82.48M	5.25G	5.33248G	77.801M	5.2506G	5.328401G	Inf	3
81.92M	5.25G	5.33192G	77.961M	5.2506G	5.328561G	Inf	4

802.11ax HEW160-BF_Nss2,(MCS0)_4TX **EBW**

5570MHz

03/07/2021



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
163.2M	5.48816G	5.65136G	154.963M	5.492279G	5.647241G	Inf	1
164.4M	5.48816G	5.65256G	154.963M	5.492279G	5.647241G	Inf	2
163.2M	5.48888G	5.65208G	154.963M	5.492519G	5.647481G	Inf	3
164.16M	5.48816G	5.65232G	155.442M	5.492279G	5.647721G	Inf	4

For 4T1S
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	27.73	0.59293
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.93	0.62087
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	28.01	0.63241
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	25.88	0.38726
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	20.57	0.11402
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	21.47	0.14028
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.98	0.15776
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.98	0.15776
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.88	0.15417
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	21.78	0.15066
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	21.47	0.14028
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.90	0.15488
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.86	0.15346
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.89	0.15453
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	21.74	0.14928
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.98	0.99541
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.60	0.57544
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	27.63	0.57943
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	27.53	0.56624

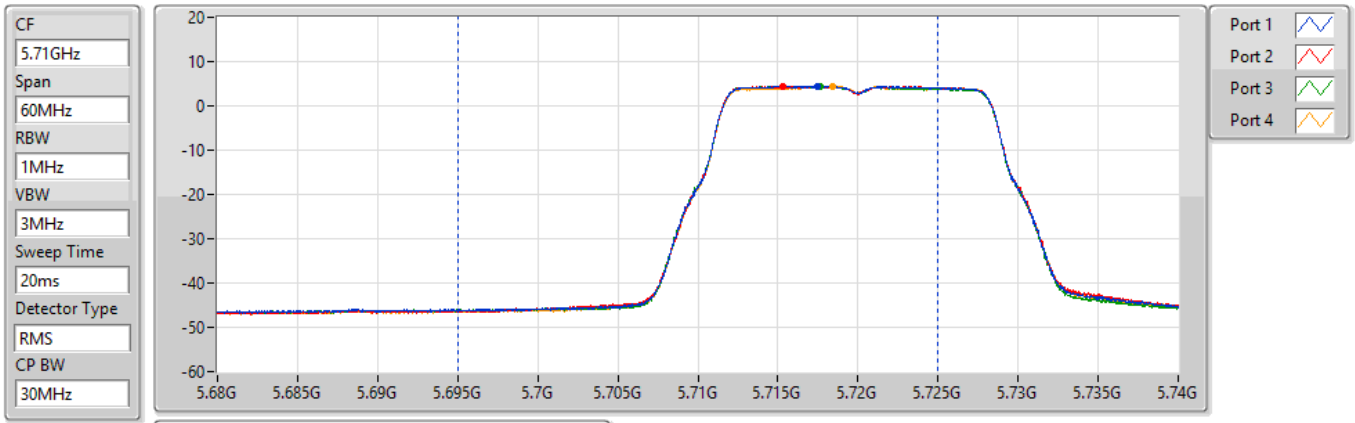
Result

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	2.14	21.76	21.45	22.22	21.36	27.73	30.00
5200MHz	Pass	2.14	21.50	21.35	22.27	21.47	27.68	30.00
5240MHz	Pass	2.14	21.39	21.42	22.05	21.47	27.61	30.00
5260MHz	Pass	2.14	15.54	15.20	15.19	15.54	21.39	23.98
5300MHz	Pass	2.14	15.47	15.33	15.26	15.68	21.46	23.98
5320MHz	Pass	2.14	15.49	15.13	15.39	15.78	21.47	23.98
5500MHz	Pass	2.22	15.57	15.39	15.35	15.49	21.47	23.98
5580MHz	Pass	2.22	15.44	15.33	15.47	15.39	21.43	23.98
5700MHz	Pass	2.22	15.37	15.25	15.11	15.05	21.22	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.22	15.04	15.02	14.94	14.84	20.98	22.93
5720MHz Straddle 5.725-5.85GHz	Pass	2.38	8.84	9.11	8.72	8.85	14.90	30.00
5745MHz	Pass	2.38	23.85	23.75	23.99	23.62	29.83	30.00
5785MHz	Pass	2.38	23.84	23.75	24.01	23.80	29.87	30.00
5825MHz	Pass	2.38	23.99	23.84	24.34	23.62	29.98	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.98	21.79	21.65	22.13	21.52	27.80	28.02
5200MHz	Pass	7.98	21.74	21.69	22.28	21.54	27.84	28.02
5240MHz	Pass	7.98	21.99	21.74	22.33	21.55	27.93	28.02
5260MHz	Pass	7.99	15.95	15.69	15.64	16.03	21.85	21.99
5300MHz	Pass	7.99	15.92	15.53	15.75	15.92	21.80	21.99
5320MHz	Pass	7.99	16.14	15.68	15.79	16.20	21.98	21.99
5500MHz	Pass	8.05	16.02	15.81	15.83	15.72	21.87	21.93
5580MHz	Pass	8.05	16.06	15.78	15.81	15.85	21.90	21.93
5700MHz	Pass	8.05	15.81	15.91	15.73	15.65	21.80	21.93
5720MHz Straddle 5.47-5.725GHz	Pass	8.05	14.94	14.88	14.62	14.67	20.80	20.89
5720MHz Straddle 5.725-5.85GHz	Pass	8.24	9.71	9.69	9.42	9.61	15.63	27.76
5745MHz	Pass	8.24	21.45	21.58	21.65	21.36	27.53	27.76
5785MHz	Pass	8.24	21.44	21.64	21.70	21.52	27.60	27.76
5825MHz	Pass	8.24	21.37	21.61	21.85	21.37	27.58	27.76
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.98	18.52	18.69	19.29	18.48	24.78	28.02
5230MHz	Pass	7.98	21.46	22.04	22.62	21.74	28.01	28.02
5270MHz	Pass	7.99	15.96	15.58	15.65	16.06	21.84	21.99
5310MHz	Pass	7.99	16.20	15.91	15.65	16.06	21.98	21.99
5510MHz	Pass	8.05	15.96	15.98	15.69	15.72	21.86	21.93
5550MHz	Pass	8.05	15.97	16.01	15.69	15.68	21.86	21.93
5670MHz	Pass	8.05	15.80	15.97	15.43	15.72	21.75	21.93
5710MHz Straddle 5.47-5.725GHz	Pass	8.05	15.71	16.05	15.52	15.96	21.84	21.93
5710MHz Straddle 5.725-5.85GHz	Pass	8.24	5.61	6.08	5.42	6.32	11.89	27.76
5755MHz	Pass	8.24	21.50	21.87	21.57	21.49	27.63	27.76
5795MHz	Pass	8.24	21.55	21.75	21.64	21.49	27.63	27.76
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.98	19.83	19.58	20.09	19.92	25.88	28.02
5290MHz	Pass	7.99	15.80	15.81	15.74	16.09	21.88	21.99
5530MHz	Pass	8.05	15.93	16.00	15.59	15.96	21.89	21.93
5610MHz	Pass	8.05	16.12	15.46	15.90	15.75	21.83	21.93
5690MHz Straddle 5.47-5.725GHz	Pass	8.05	15.92	15.61	15.69	15.67	21.74	21.93
5690MHz Straddle 5.725-5.85GHz	Pass	8.24	1.63	1.58	1.36	2.13	7.70	27.76
5775MHz	Pass	8.24	21.61	21.66	21.33	21.43	27.53	27.76
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.98	14.60	14.46	14.81	14.31	20.57	28.02
5250MHz Straddle 5.25-5.35GHz	Pass	7.99	15.85	15.74	15.69	15.76	21.78	21.99
5570MHz	Pass	8.05	16.10	15.58	15.35	15.80	21.74	21.93

802.11a_Nss1,(6Mbps)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

03/07/2021



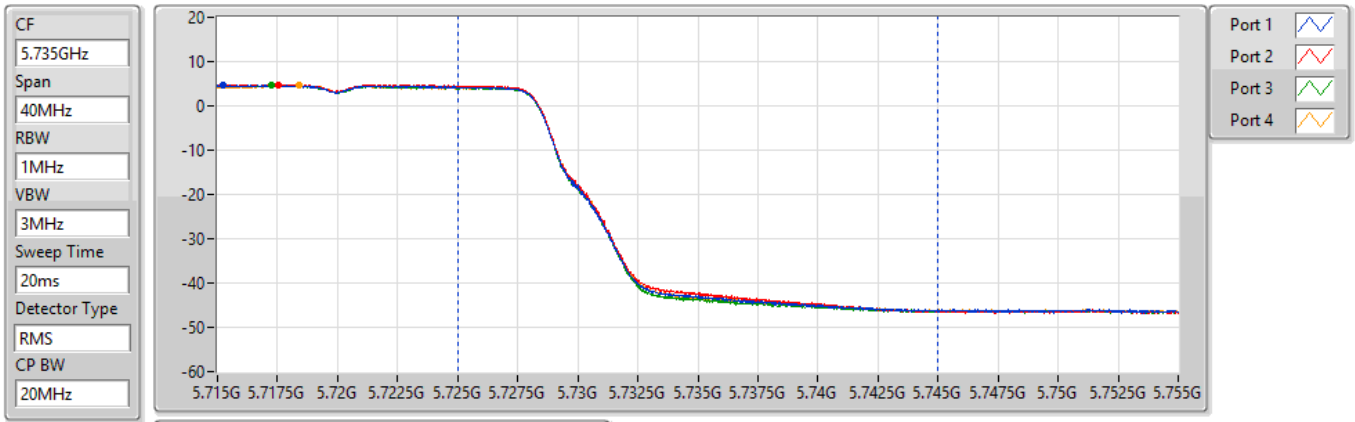
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.98	15.04	15.02	14.94	14.84

802.11a_Nss1,(6Mbps)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

03/07/2021



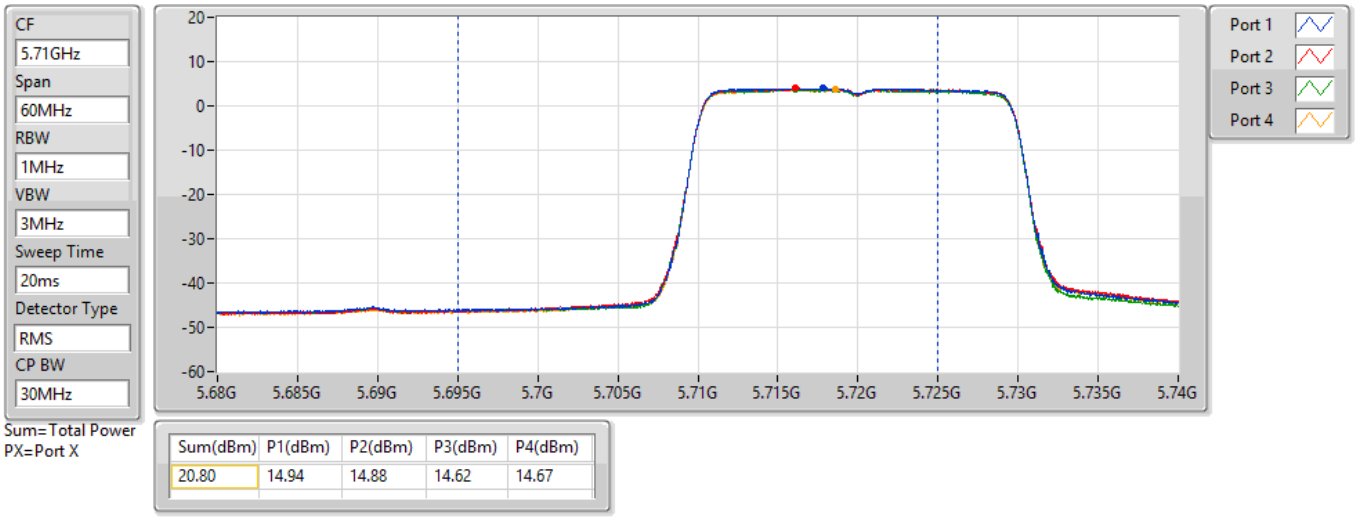
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.90	8.84	9.11	8.72	8.85

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

5720MHz Straddle 5.47-5.725GHz_TnomVnom

03/07/2021

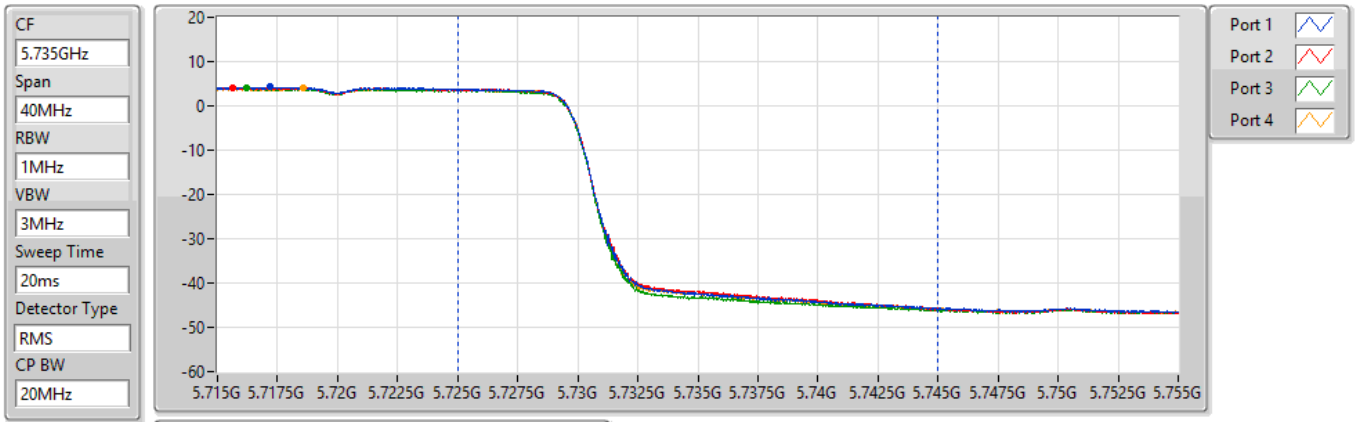


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.80	14.94	14.88	14.62	14.67

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

5720MHz Straddle 5.725-5.85GHz_TnomVnom

03/07/2021

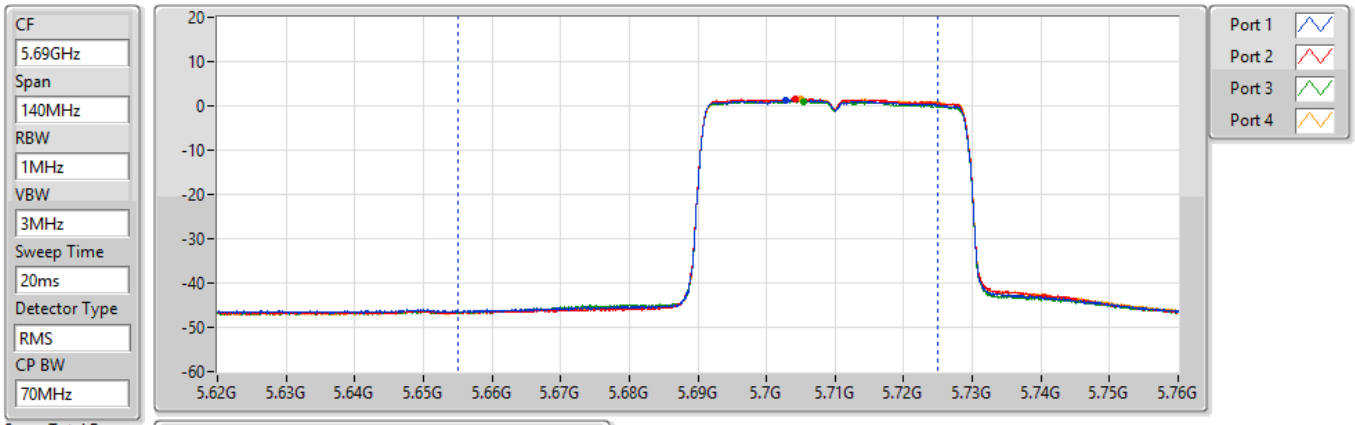


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
15.63	9.71	9.69	9.42	9.61

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

5710MHz Straddle 5.47-5.725GHz_TnomVnom

03/07/2021

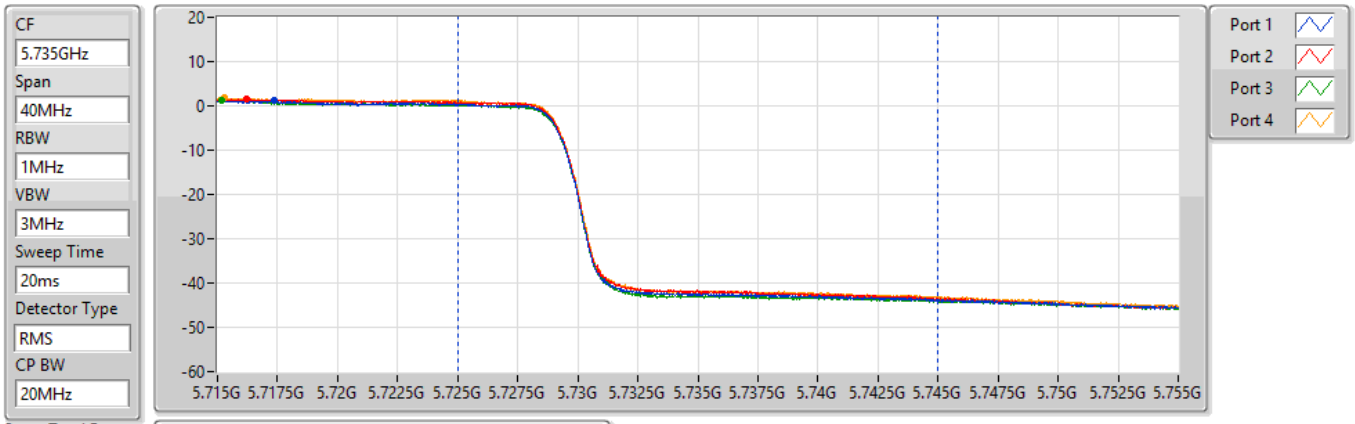


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.84	15.71	16.05	15.52	15.96

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

5710MHz Straddle 5.725-5.85GHz_TnomVnom

03/07/2021



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.89	5.61	6.08	5.42	6.32

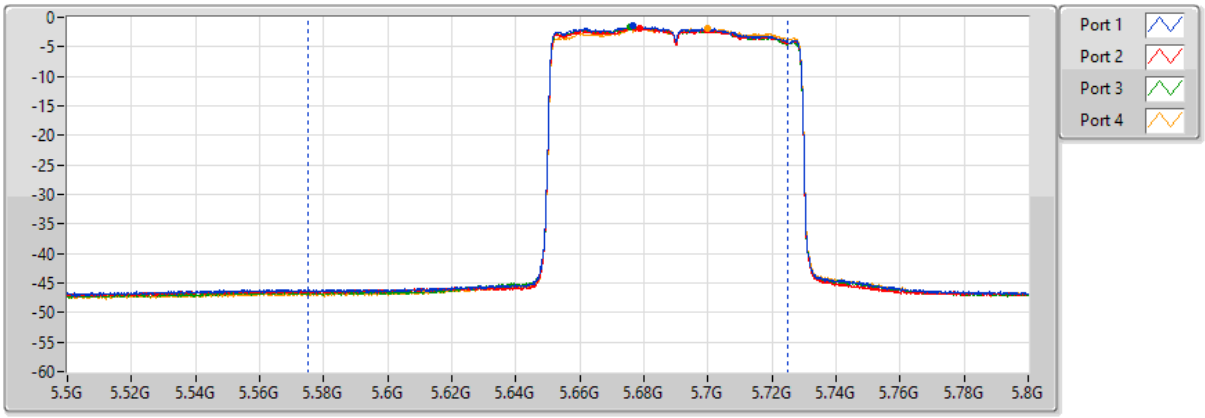
802.11ax HEW80-BF_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

03/07/2021

CF	5.65GHz
Span	300MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS
CP BW	150MHz

Sum=Total Power
PX=Port X



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.74	15.92	15.61	15.69	15.67

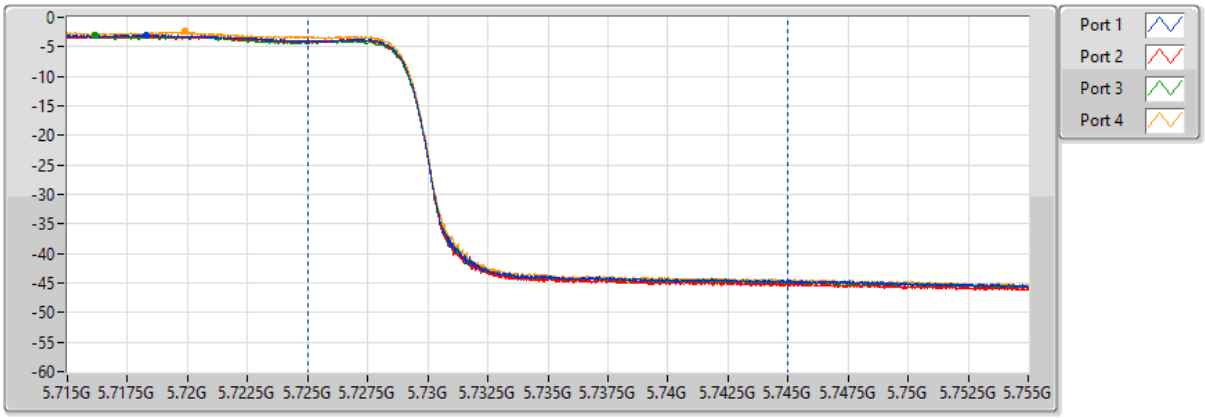
802.11ax HEW80-BF_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

03/07/2021

CF	5.735GHz
Span	40MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS
CP BW	20MHz

Sum=Total Power
PX=Port X

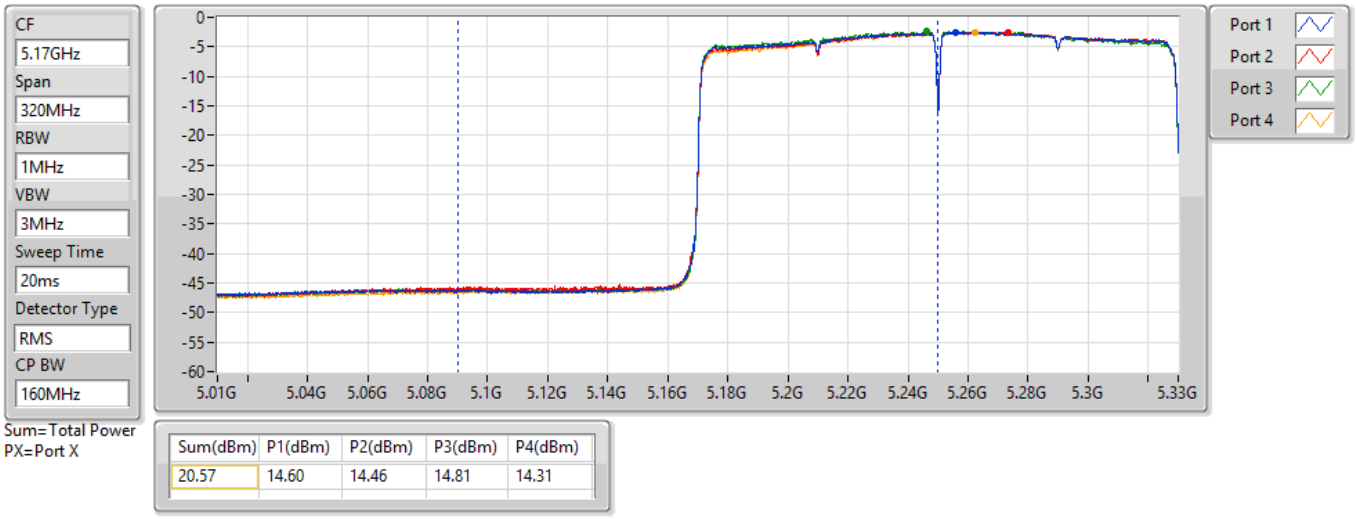


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
7.70	1.63	1.58	1.36	2.13

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

5250MHz Straddle 5.15-5.25GHz_TnomVnom

03/07/2021

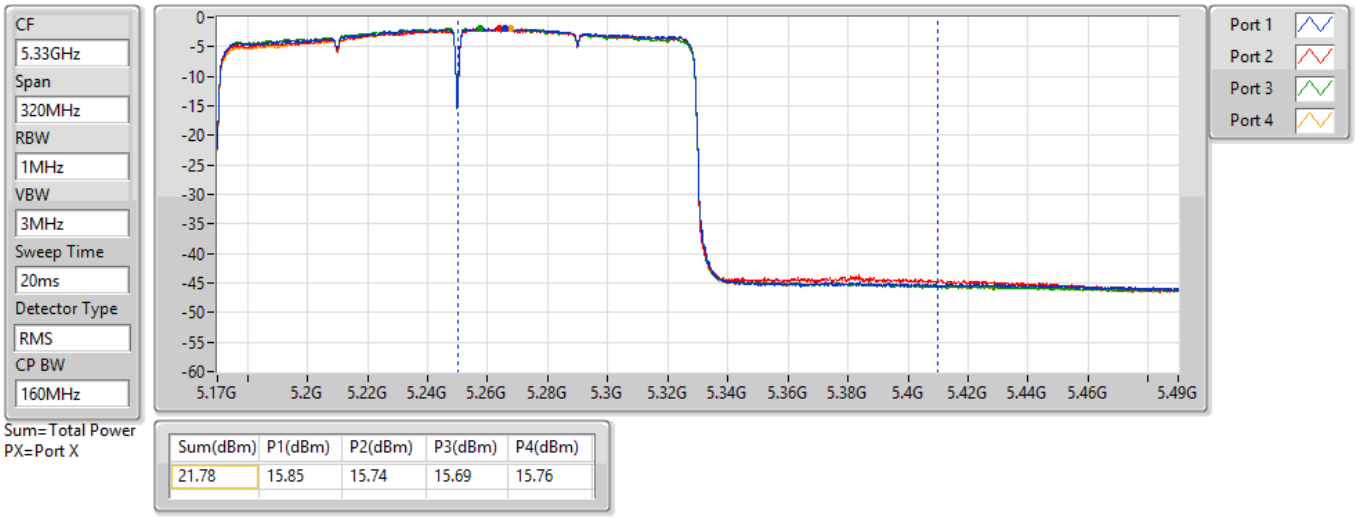


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.57	14.60	14.46	14.81	14.31

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

5250MHz Straddle 5.25-5.35GHz_TnomVnom

03/07/2021



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.78	15.85	15.74	15.69	15.76

For 4T2S
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	29.82	0.95940
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	29.78	0.95060
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	26.22	0.41879
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	22.12	0.16293
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	23.58	0.22803
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	23.96	0.24889
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	23.87	0.24378
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	23.43	0.22029
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	23.52	0.22491
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	23.97	0.24946
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	23.91	0.24604
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	23.84	0.24210
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	29.94	0.98628
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	29.94	0.98628
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	27.88	0.61376

Result

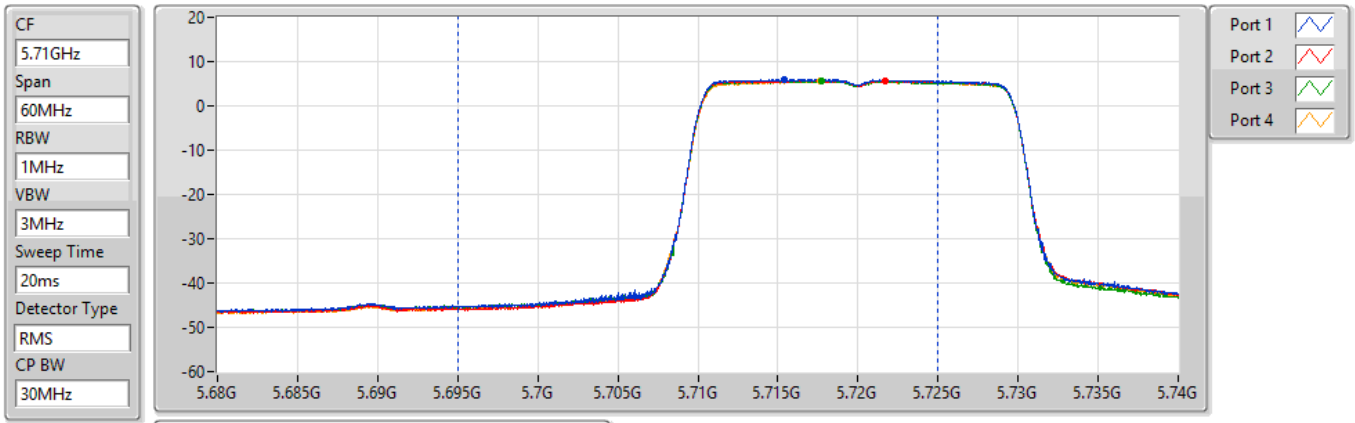
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.97	21.73	21.86	22.52	21.87	28.03	30.00
5200MHz	Pass	4.97	23.86	23.52	24.14	23.58	29.80	30.00
5240MHz	Pass	4.97	23.83	23.66	23.99	23.72	29.82	30.00
5260MHz	Pass	4.99	17.67	17.39	17.64	17.51	23.57	23.98
5300MHz	Pass	4.99	17.64	17.25	17.52	17.75	23.56	23.98
5320MHz	Pass	4.99	17.61	17.31	17.47	17.82	23.58	23.98
5500MHz	Pass	5.04	17.32	17.18	17.44	17.57	23.40	23.98
5580MHz	Pass	5.04	17.49	17.39	17.42	17.71	23.52	23.98
5700MHz	Pass	5.04	17.51	17.11	17.35	17.33	23.35	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.04	16.94	16.75	16.61	16.54	22.73	22.95
5720MHz Straddle 5.725-5.85GHz	Pass	5.24	11.64	11.77	11.35	11.54	17.60	30.00
5745MHz	Pass	5.24	23.70	23.77	23.85	23.63	29.76	30.00
5785MHz	Pass	5.24	23.76	23.89	24.13	23.87	29.94	30.00
5825MHz	Pass	5.24	23.70	23.70	24.02	23.75	29.82	30.00
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.97	19.25	19.42	20.10	19.40	25.58	30.00
5230MHz	Pass	4.97	23.34	23.73	24.38	23.53	29.78	30.00
5270MHz	Pass	4.99	18.15	17.82	17.86	17.90	23.96	23.98
5310MHz	Pass	4.99	18.09	17.87	17.45	17.71	23.81	23.98
5510MHz	Pass	5.04	18.16	18.00	17.62	18.01	23.97	23.98
5550MHz	Pass	5.04	18.13	18.03	17.69	17.92	23.97	23.98
5670MHz	Pass	5.04	17.85	18.14	17.49	17.99	23.89	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.04	17.90	18.12	17.62	18.09	23.96	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.24	7.87	8.21	7.59	8.67	14.12	30.00
5755MHz	Pass	5.24	23.60	23.94	23.82	23.70	29.79	30.00
5795MHz	Pass	5.24	23.85	24.20	23.86	23.76	29.94	30.00
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.97	20.20	19.96	20.33	20.30	26.22	30.00
5290MHz	Pass	4.99	17.56	17.89	17.75	18.16	23.87	23.98
5530MHz	Pass	5.04	17.90	17.83	17.76	18.05	23.91	23.98
5610MHz	Pass	5.04	18.23	17.79	17.80	17.72	23.91	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.04	18.13	17.78	17.84	17.62	23.87	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.24	3.78	3.77	3.54	4.47	9.92	30.00
5775MHz	Pass	5.24	21.85	22.00	21.72	21.87	27.88	30.00
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.97	16.19	15.99	16.31	15.89	22.12	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.99	17.36	17.44	17.41	17.44	23.43	23.98
5570MHz	Pass	5.04	18.15	17.71	17.37	18.02	23.84	23.98

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

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

5720MHz Straddle 5.47-5.725GHz_TnomVnom

03/07/2021



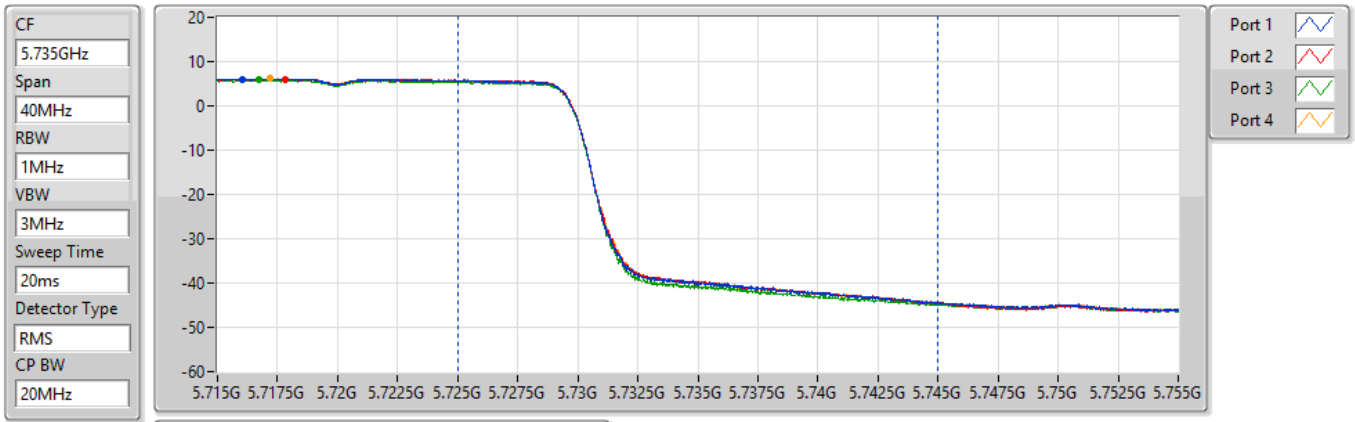
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.73	16.94	16.75	16.61	16.54

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

5720MHz Straddle 5.725-5.85GHz_TnomVnom

03/07/2021



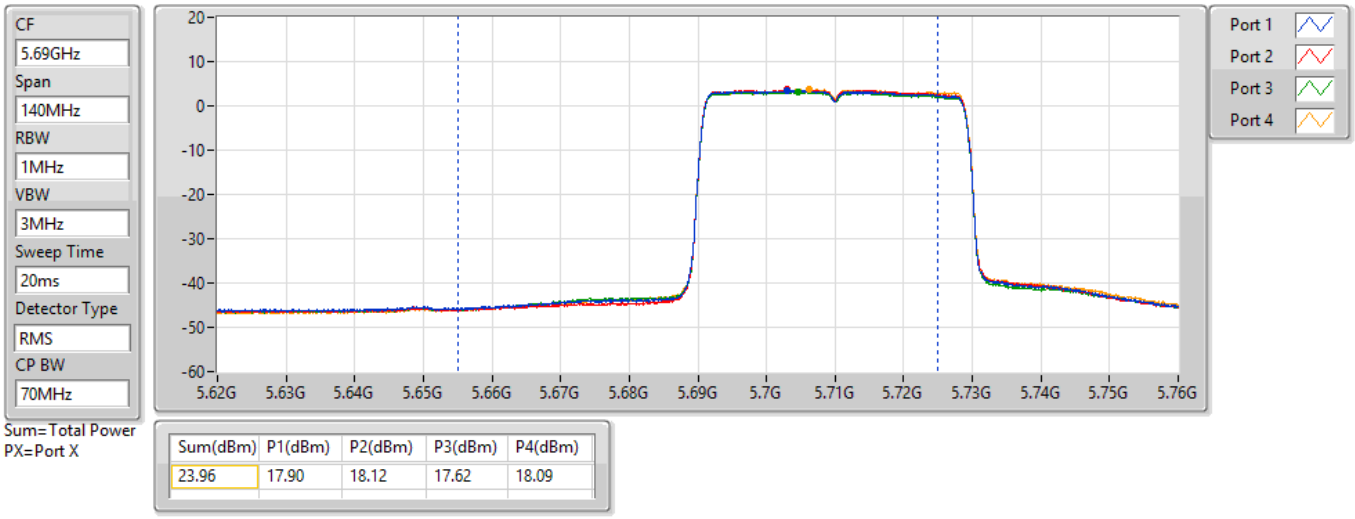
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.60	11.64	11.77	11.35	11.54

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

5710MHz Straddle 5.47-5.725GHz_TnomVnom

03/07/2021

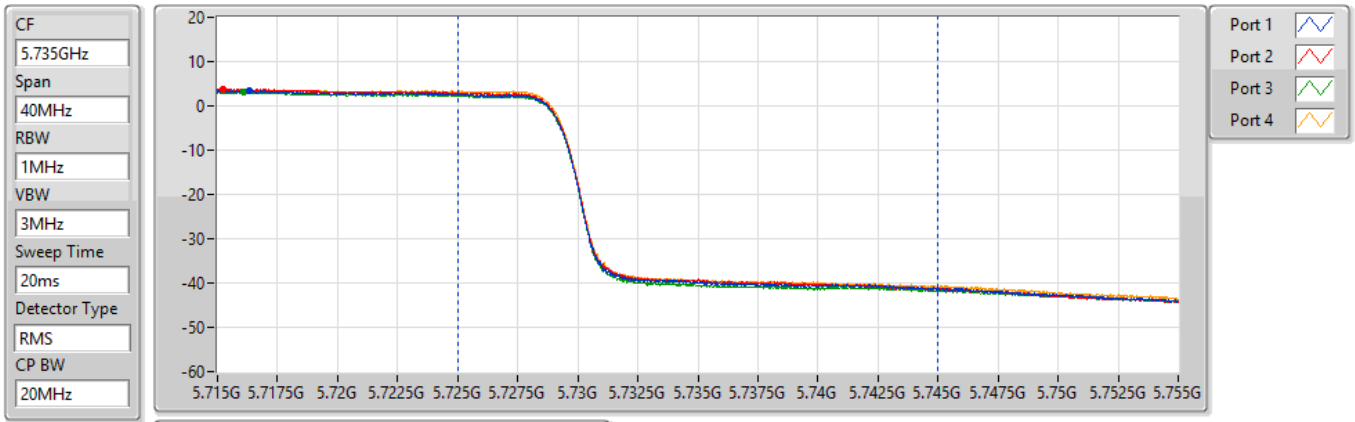


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.96	17.90	18.12	17.62	18.09

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

5710MHz Straddle 5.725-5.85GHz_TnomVnom

03/07/2021

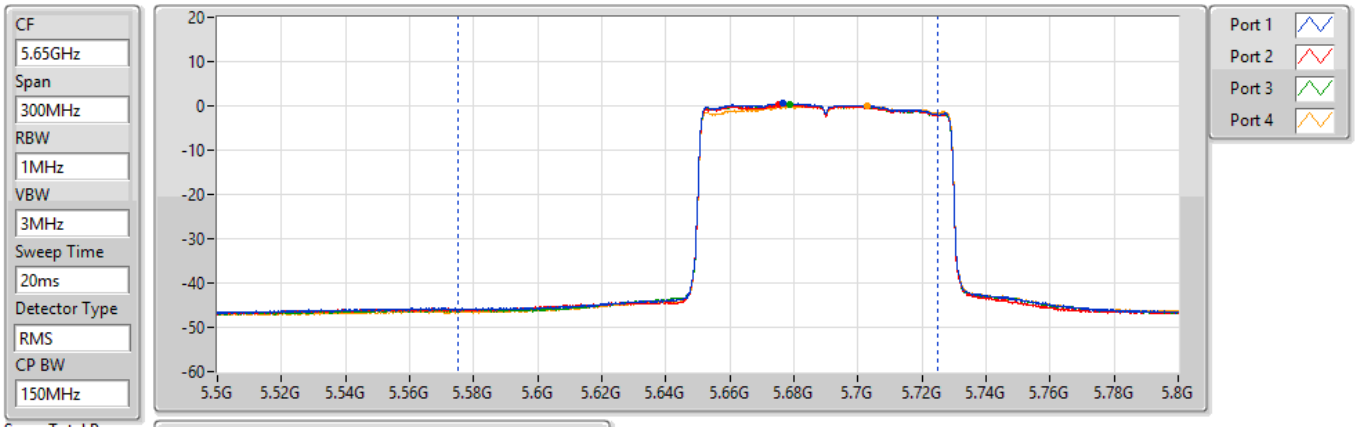


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.12	7.87	8.21	7.59	8.67

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

5690MHz Straddle 5.47-5.725GHz_TnomVnom

03/07/2021

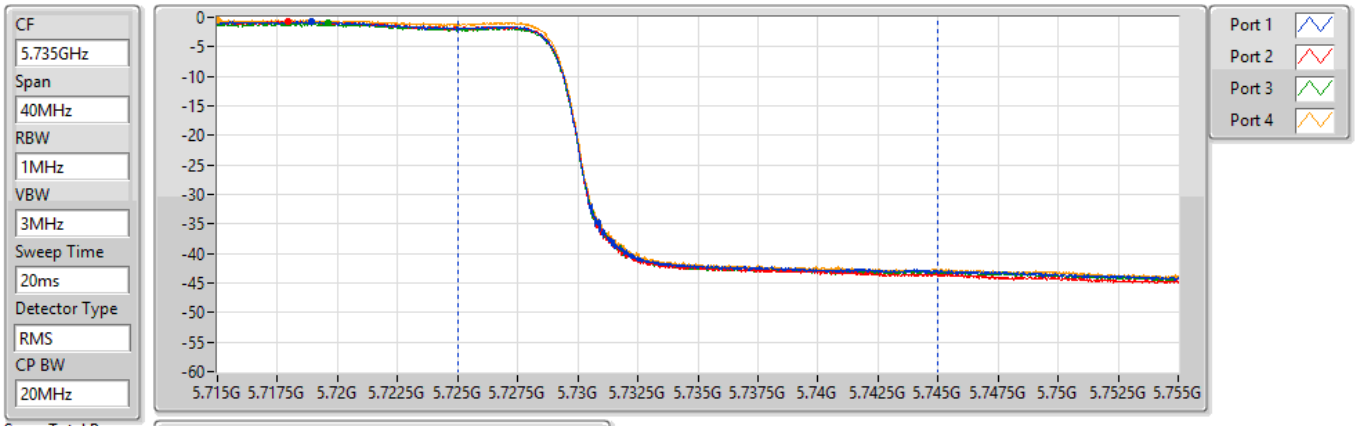


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.87	18.13	17.78	17.84	17.62

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

5690MHz Straddle 5.725-5.85GHz_TnomVnom

03/07/2021

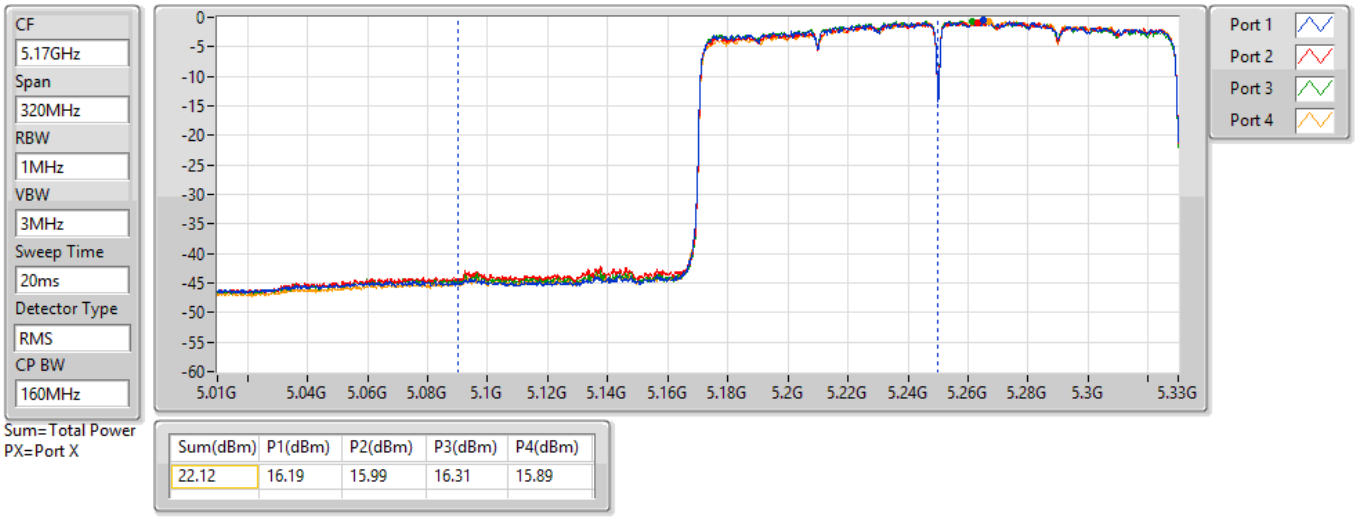


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.92	3.78	3.77	3.54	4.47

802.11ax HEW160-BF_Nss2,(MCS0)_4TX AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

03/07/2021

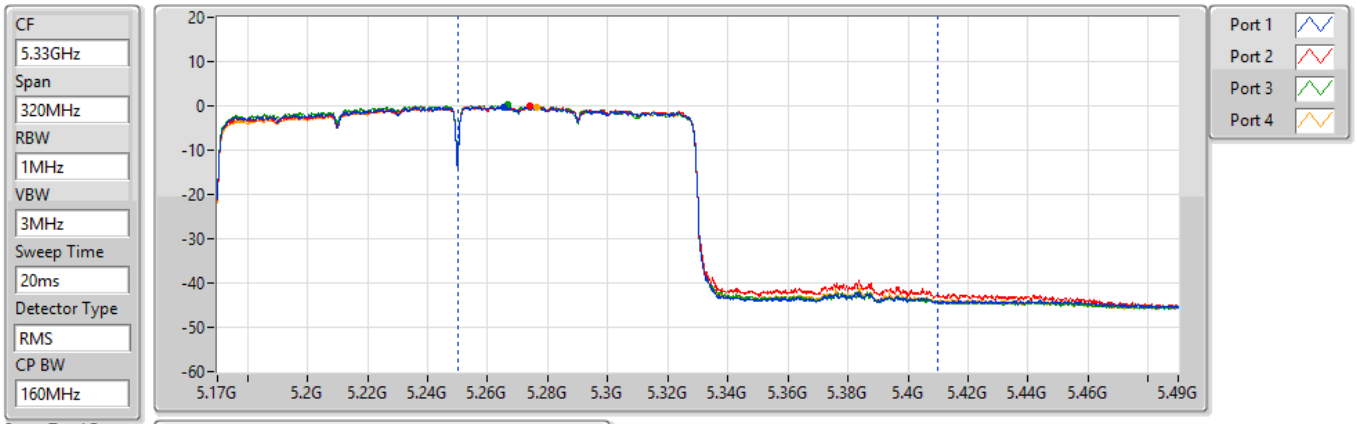


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.12	16.19	15.99	16.31	15.89

802.11ax HEW160-BF_Nss2,(MCS0)_4TX AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

03/07/2021



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.43	17.36	17.44	17.41	17.44

For 4T1S
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.02
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.71
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	12.33
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	7.32
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	1.80
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	8.85
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.77
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	6.09
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.35
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	2.53
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	8.84
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.72
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	6.15
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.34
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	0.91
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	16.06
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.23
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	10.56
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	7.87

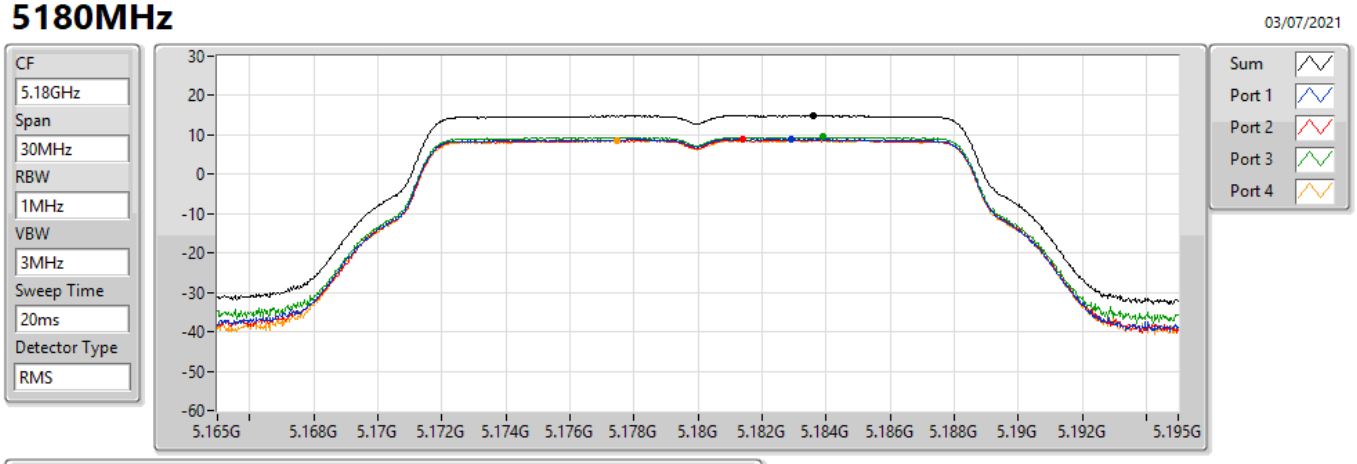
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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	7.98	8.96	8.74	9.45	8.60	14.83	15.02
5200MHz	Pass	7.98	8.91	8.76	9.47	8.58	14.92	15.02
5240MHz	Pass	7.98	9.18	8.81	9.41	8.86	15.02	15.02
5260MHz	Pass	7.99	3.06	2.77	2.59	3.06	8.83	9.01
5300MHz	Pass	7.99	3.00	2.73	2.69	3.13	8.84	9.01
5320MHz	Pass	7.99	2.98	2.64	2.79	3.20	8.85	9.01
5500MHz	Pass	8.05	3.05	2.80	2.78	2.89	8.84	8.95
5580MHz	Pass	8.05	2.75	2.69	2.77	2.88	8.74	8.95
5700MHz	Pass	8.05	3.01	2.83	2.82	2.76	8.77	8.95
5720MHz Straddle 5.47-5.725GHz	Pass	8.05	2.94	2.85	2.88	2.92	8.80	8.95
5720MHz Straddle 5.725-5.85GHz	Pass	8.24	1.27	1.48	1.09	1.17	7.19	27.76
5745MHz	Pass	8.24	10.00	9.93	10.22	9.92	15.96	27.76
5785MHz	Pass	8.24	10.11	10.03	10.40	10.06	16.06	27.76
5825MHz	Pass	8.24	9.99	9.94	10.40	10.13	16.03	27.76
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.98	8.41	8.36	8.87	8.21	14.41	15.02
5200MHz	Pass	7.98	8.40	8.30	8.95	8.13	14.39	15.02
5240MHz	Pass	7.98	8.79	8.62	9.19	8.56	14.71	15.02
5260MHz	Pass	7.99	2.88	2.62	2.63	2.85	8.66	9.01
5300MHz	Pass	7.99	2.86	2.60	2.70	2.93	8.68	9.01
5320MHz	Pass	7.99	2.97	2.63	2.66	3.00	8.77	9.01
5500MHz	Pass	8.05	2.88	2.58	2.72	2.85	8.63	8.95
5580MHz	Pass	8.05	2.81	2.54	2.61	2.72	8.55	8.95
5700MHz	Pass	8.05	2.86	2.91	2.86	2.71	8.72	8.95
5720MHz Straddle 5.47-5.725GHz	Pass	8.05	2.50	2.36	2.32	2.21	8.25	8.95
5720MHz Straddle 5.725-5.85GHz	Pass	8.24	0.86	0.75	0.61	0.79	6.69	27.76
5745MHz	Pass	8.24	6.92	7.35	7.40	6.86	13.03	27.76
5785MHz	Pass	8.24	7.22	7.39	7.63	7.15	13.23	27.76
5825MHz	Pass	8.24	6.94	7.19	7.36	7.01	12.99	27.76
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.98	2.54	2.75	3.32	2.82	8.81	15.02
5230MHz	Pass	7.98	5.80	6.46	7.01	6.09	12.33	15.02
5270MHz	Pass	7.99	0.27	0.17	-0.03	0.29	6.09	9.01
5310MHz	Pass	7.99	0.39	0.11	-0.09	0.22	6.08	9.01
5510MHz	Pass	8.05	0.19	0.14	-0.21	0.10	5.94	8.95
5550MHz	Pass	8.05	0.19	0.26	-0.07	0.04	5.97	8.95
5670MHz	Pass	8.05	0.12	0.30	-0.04	0.47	6.15	8.95
5710MHz Straddle 5.47-5.725GHz	Pass	8.05	-0.21	-0.01	-0.51	0.01	5.79	8.95
5710MHz Straddle 5.725-5.85GHz	Pass	8.24	-2.69	-2.28	-2.81	-1.81	3.62	27.76
5755MHz	Pass	8.24	4.55	4.83	4.63	4.55	10.54	27.76
5795MHz	Pass	8.24	4.59	4.84	4.76	4.46	10.56	27.76
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.98	1.36	1.09	1.60	1.48	7.32	15.02
5290MHz	Pass	7.99	-2.62	-2.54	-2.74	-2.40	3.35	9.01
5530MHz	Pass	8.05	-2.56	-2.62	-2.78	-2.37	3.34	8.95
5610MHz	Pass	8.05	-2.47	-2.85	-2.71	-2.77	3.21	8.95
5690MHz Straddle 5.47-5.725GHz	Pass	8.05	-3.08	-3.39	-3.25	-3.48	2.63	8.95
5690MHz Straddle 5.725-5.85GHz	Pass	8.24	-6.67	-6.73	-6.87	-6.26	-0.69	27.76
5775MHz	Pass	8.24	2.04	2.10	2.17	1.69	7.87	27.76
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.98	-4.22	-4.21	-3.99	-4.18	1.80	15.02
5250MHz Straddle 5.25-5.35GHz	Pass	7.99	-3.44	-3.35	-3.33	-3.51	2.53	9.01
5570MHz	Pass	8.05	-4.56	-5.07	-5.32	-5.06	0.91	8.95

802.11a_Nss1,(6Mbps)_4TX PSD

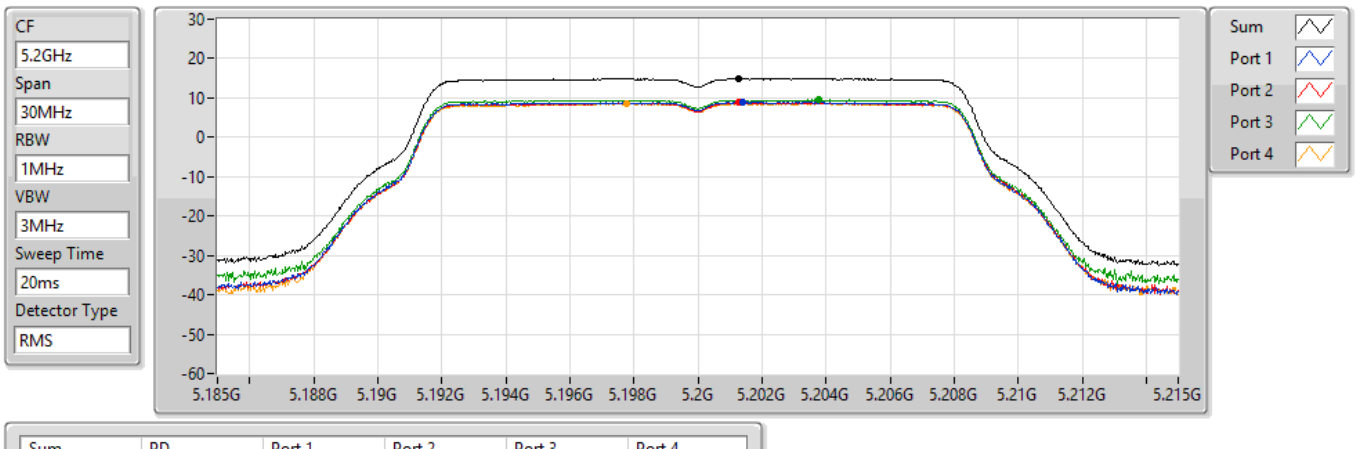
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.83	14.83	8.96	8.74	9.45	8.60

802.11a_Nss1,(6Mbps)_4TX PSD

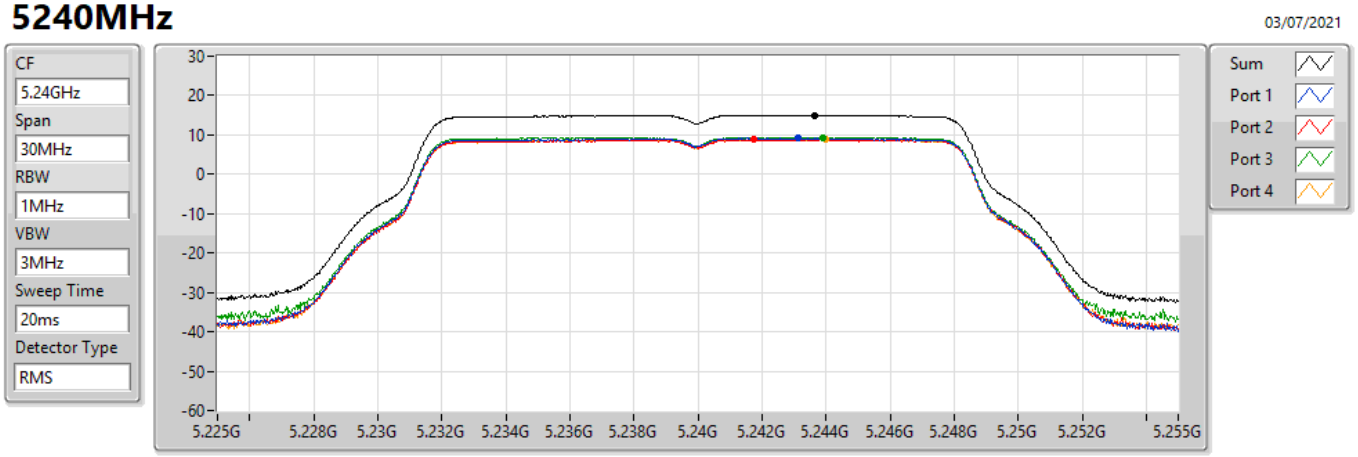
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.92	14.92	8.91	8.76	9.47	8.58

802.11a_Nss1,(6Mbps)_4TX PSD

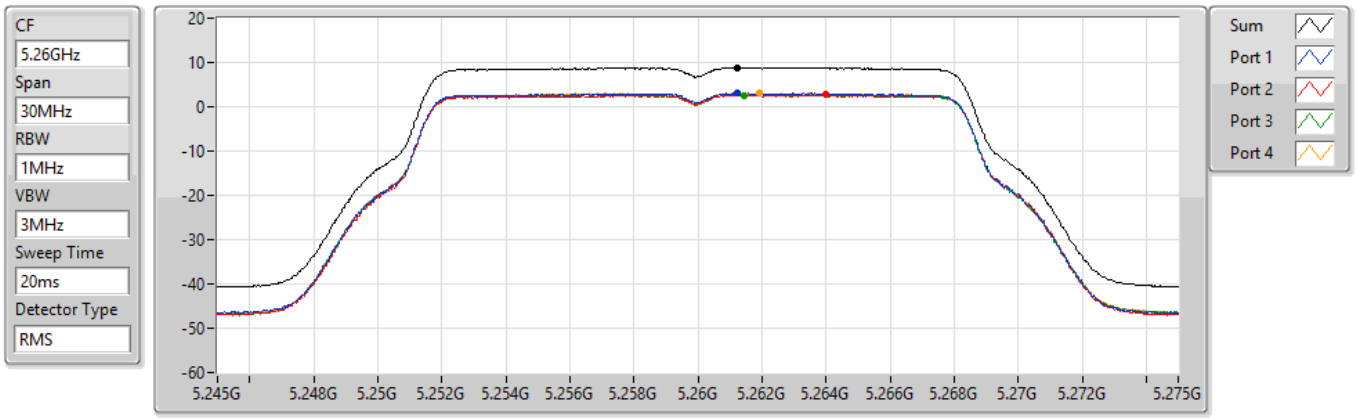
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.02	15.02	9.18	8.81	9.41	8.86

802.11a_Nss1,(6Mbps)_4TX PSD

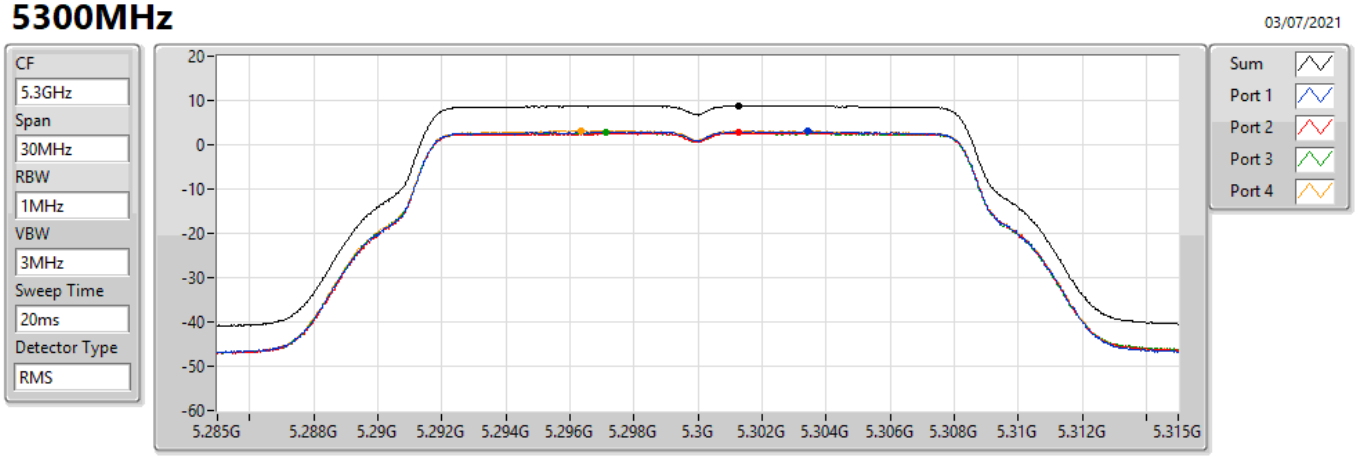
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.83	8.83	3.06	2.77	2.59	3.06

802.11a_Nss1,(6Mbps)_4TX PSD

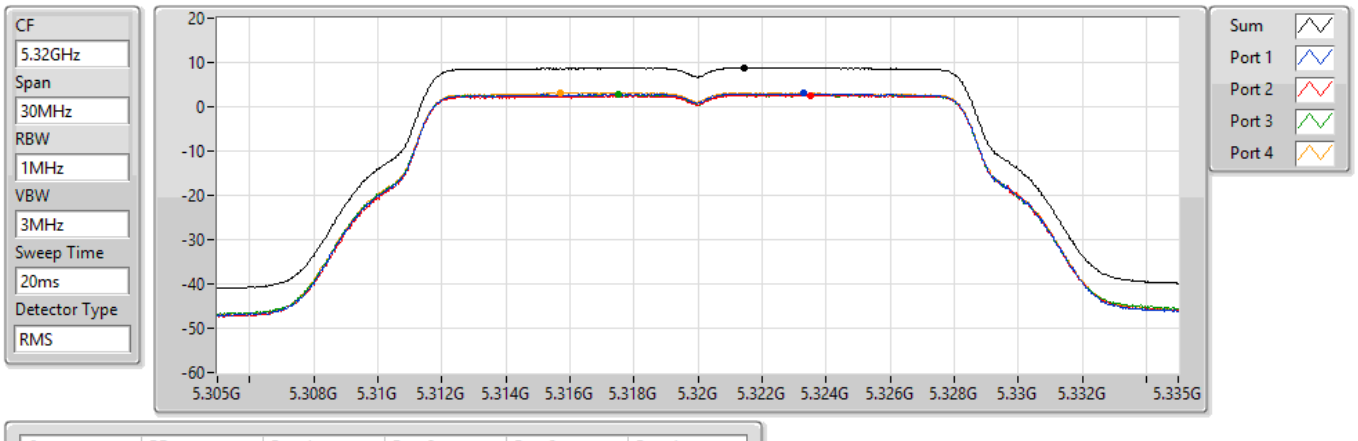
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.84	8.84	3.00	2.73	2.69	3.13

802.11a_Nss1,(6Mbps)_4TX PSD

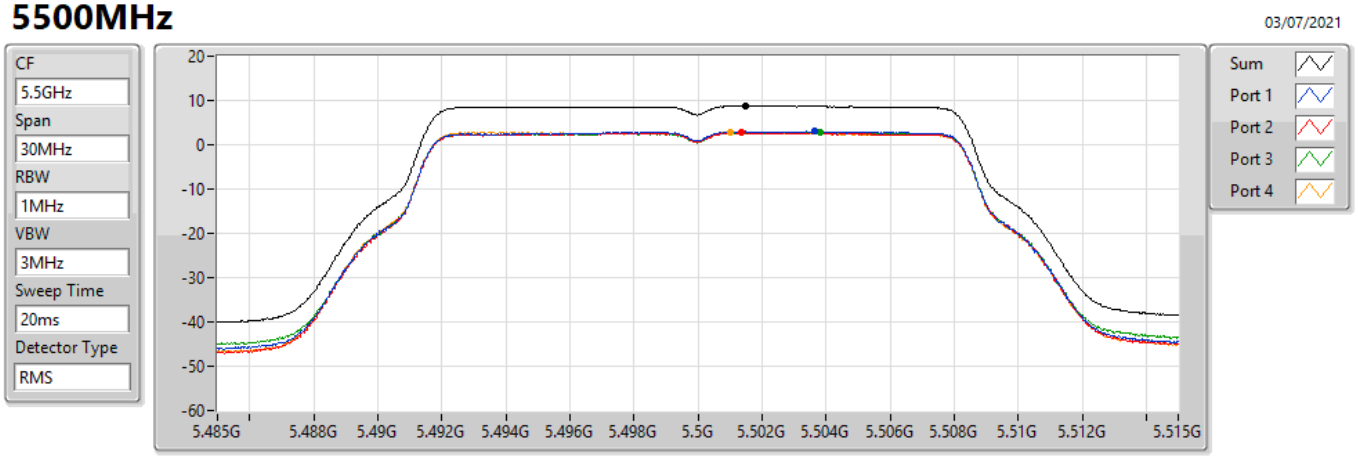
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.85	8.85	2.98	2.64	2.79	3.20

802.11a_Nss1,(6Mbps)_4TX PSD

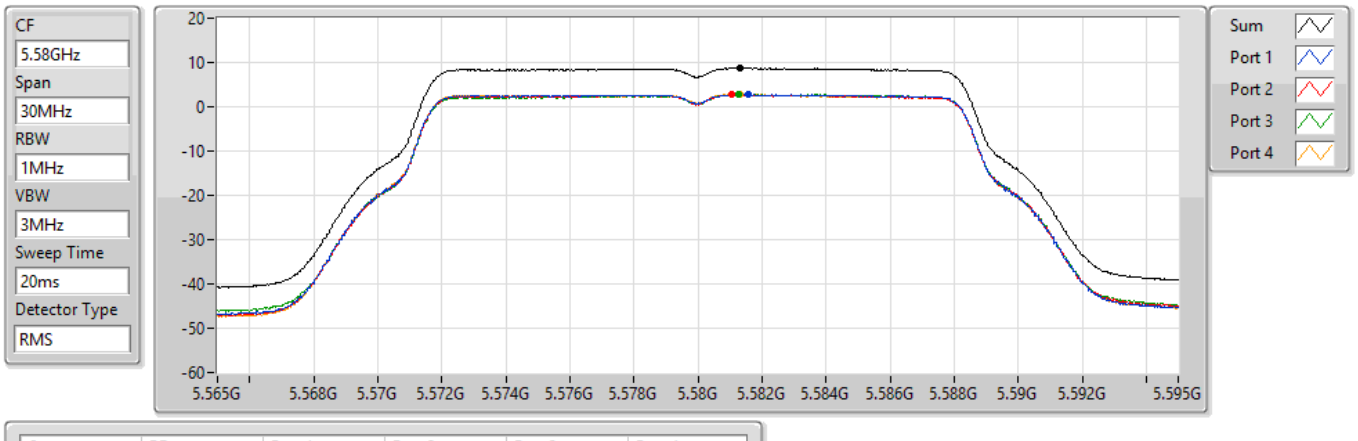
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.84	8.84	3.05	2.80	2.78	2.89

802.11a_Nss1,(6Mbps)_4TX PSD

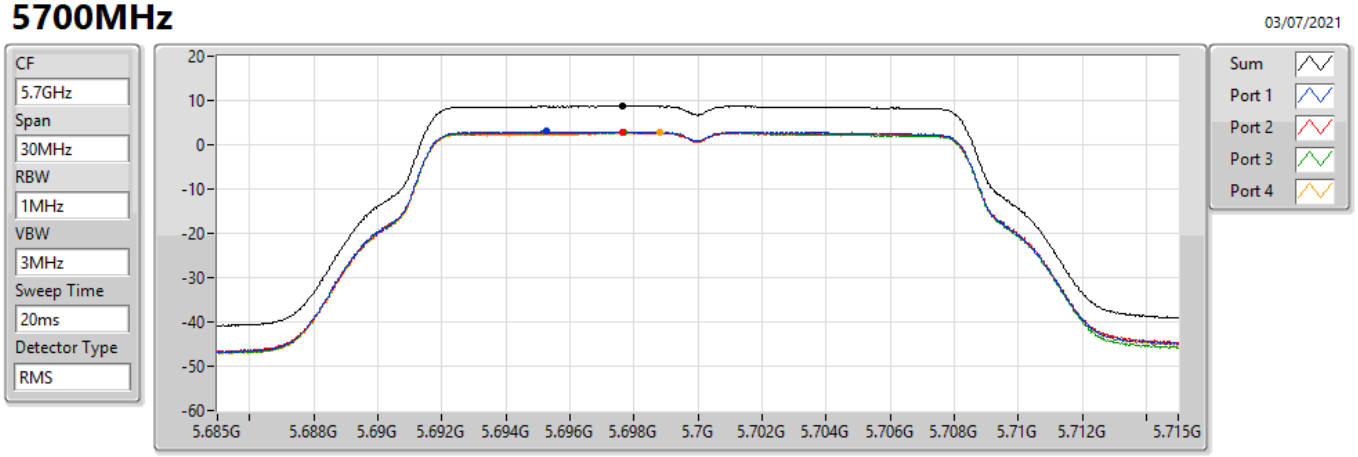
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.74	8.74	2.75	2.69	2.77	2.88

802.11a_Nss1,(6Mbps)_4TX PSD

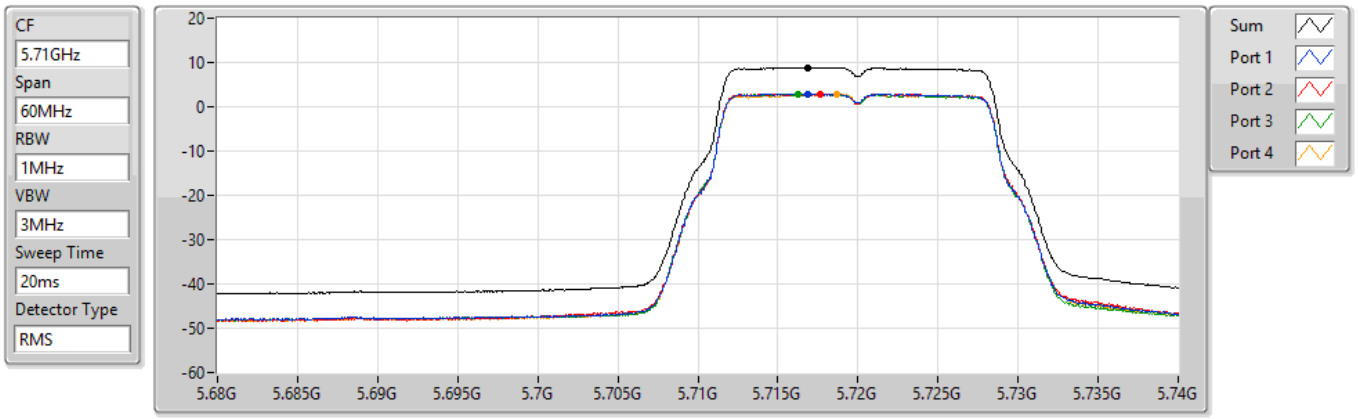
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.77	8.77	3.01	2.83	2.82	2.76

802.11a_Nss1,(6Mbps)_4TX PSD

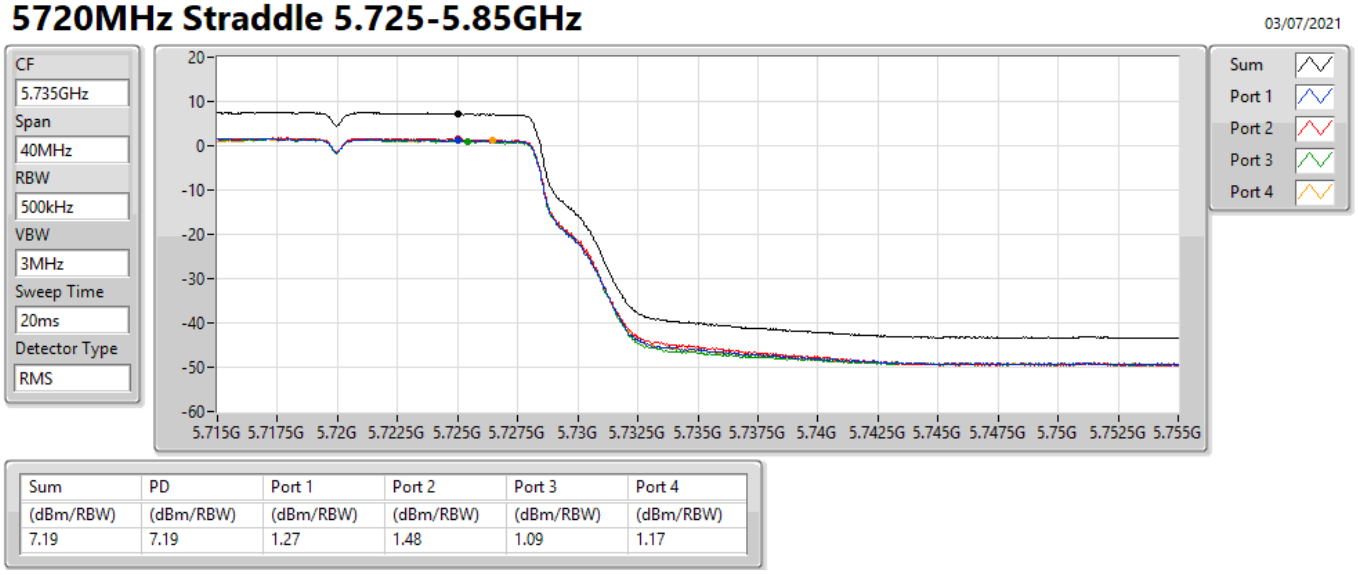
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.80	8.80	2.94	2.85	2.88	2.92

802.11a_Nss1,(6Mbps)_4TX PSD

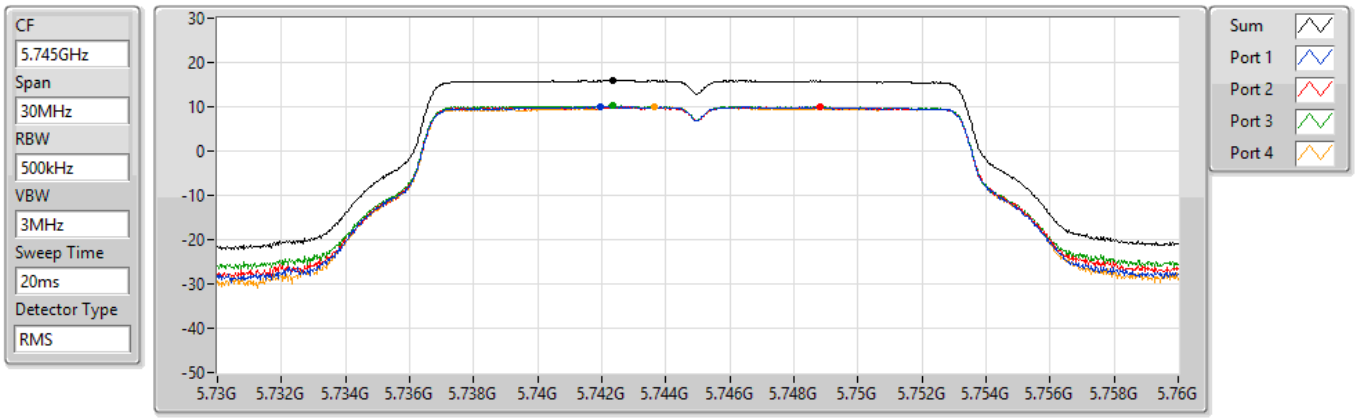
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.19	7.19	1.27	1.48	1.09	1.17

802.11a_Nss1,(6Mbps)_4TX PSD

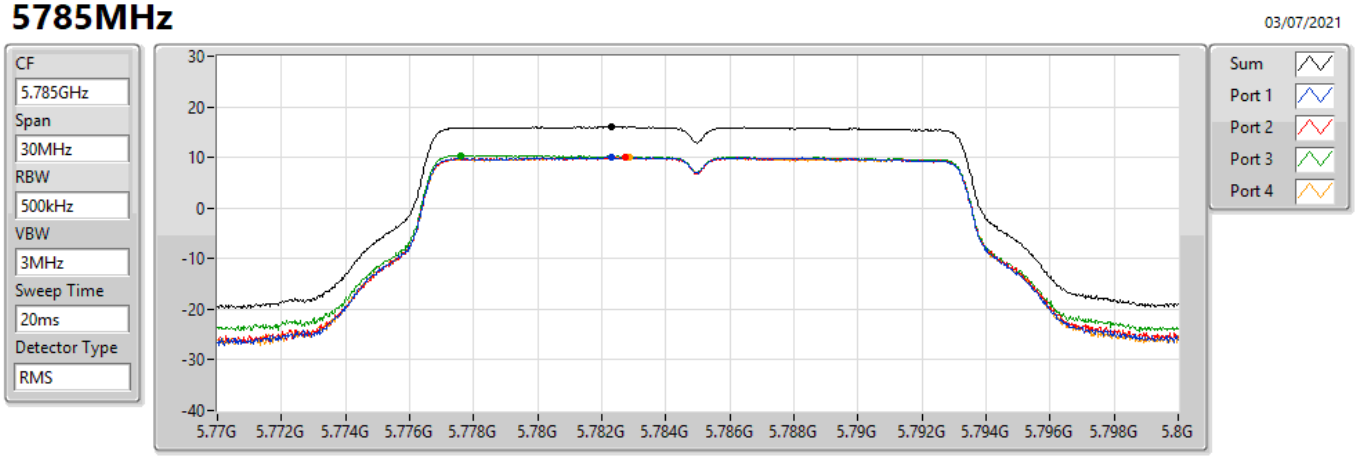
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.96	15.96	10.00	9.93	10.22	9.92

802.11a_Nss1,(6Mbps)_4TX PSD

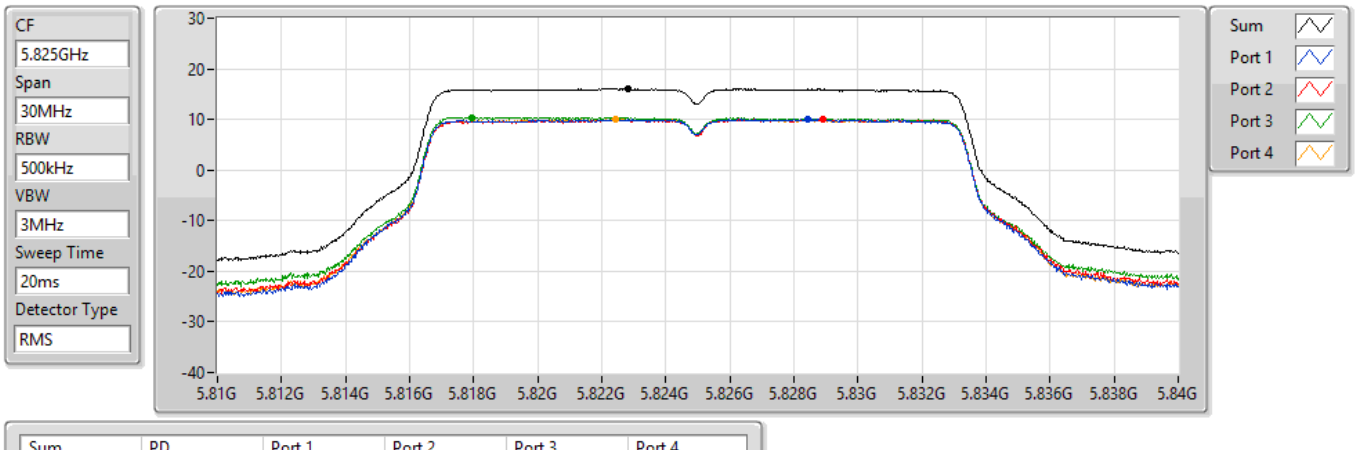
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.06	16.06	10.11	10.03	10.40	10.06

802.11a_Nss1,(6Mbps)_4TX PSD

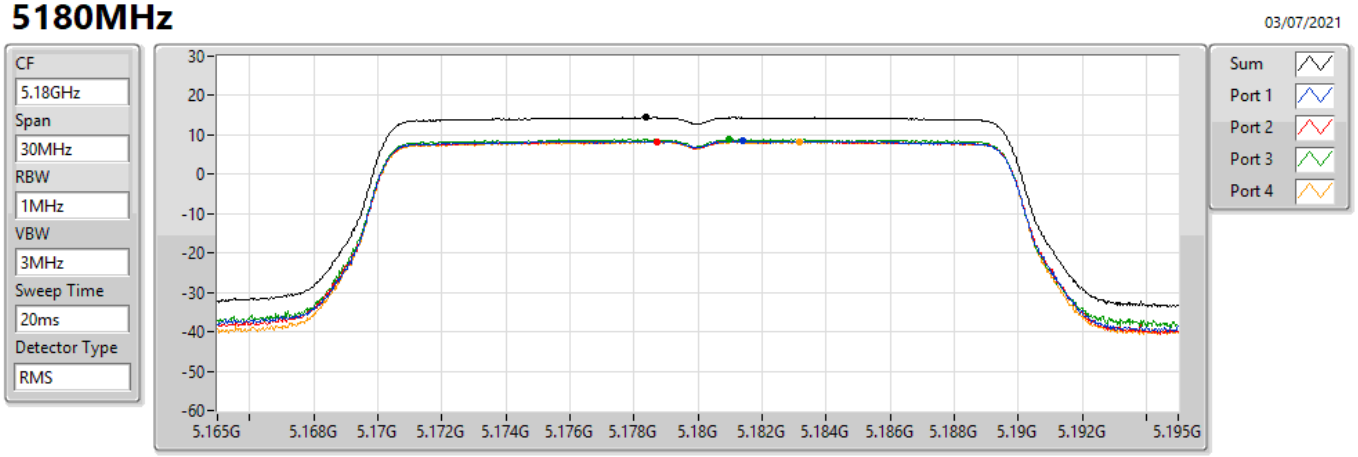
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.03	16.03	9.99	9.94	10.40	10.13

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

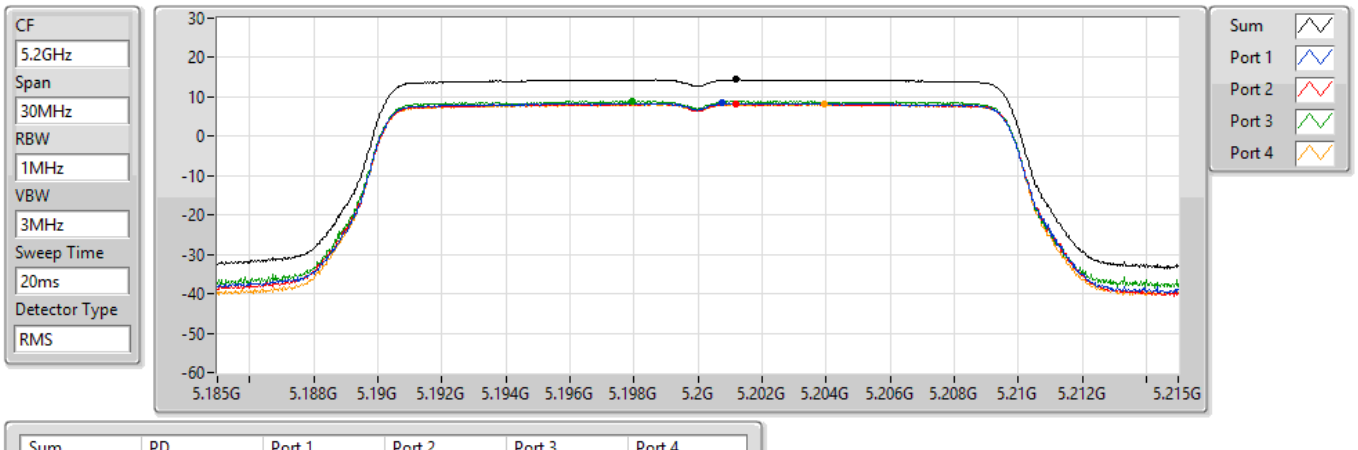
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.41	14.41	8.41	8.36	8.87	8.21

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

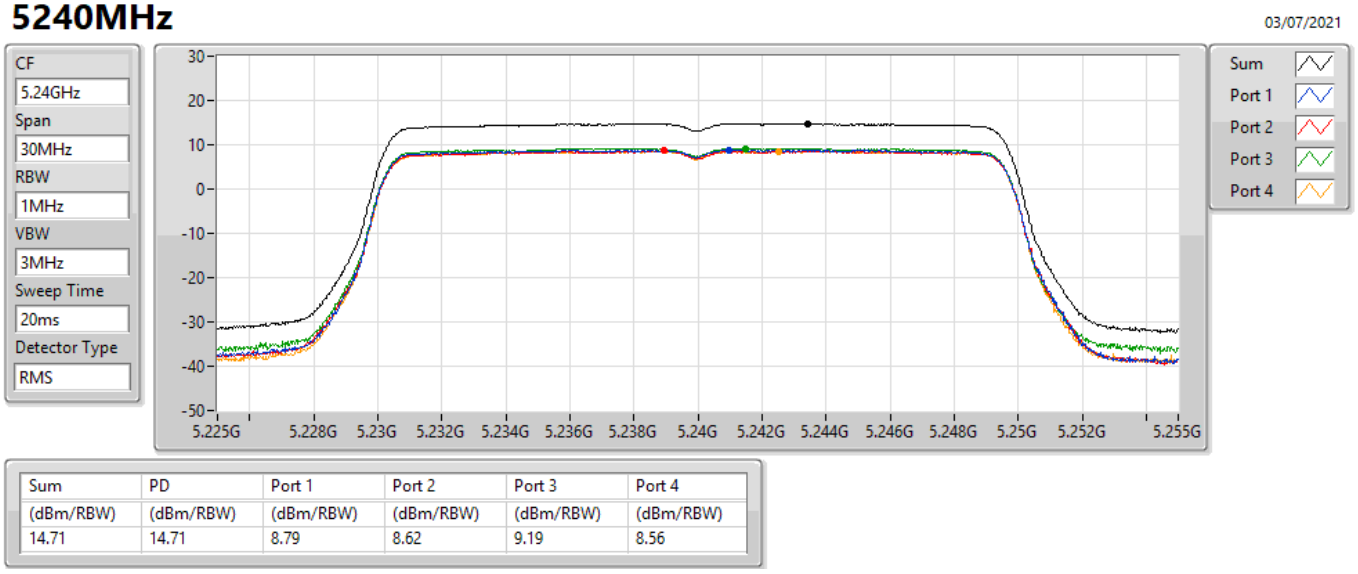
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.39	14.39	8.40	8.30	8.95	8.13

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

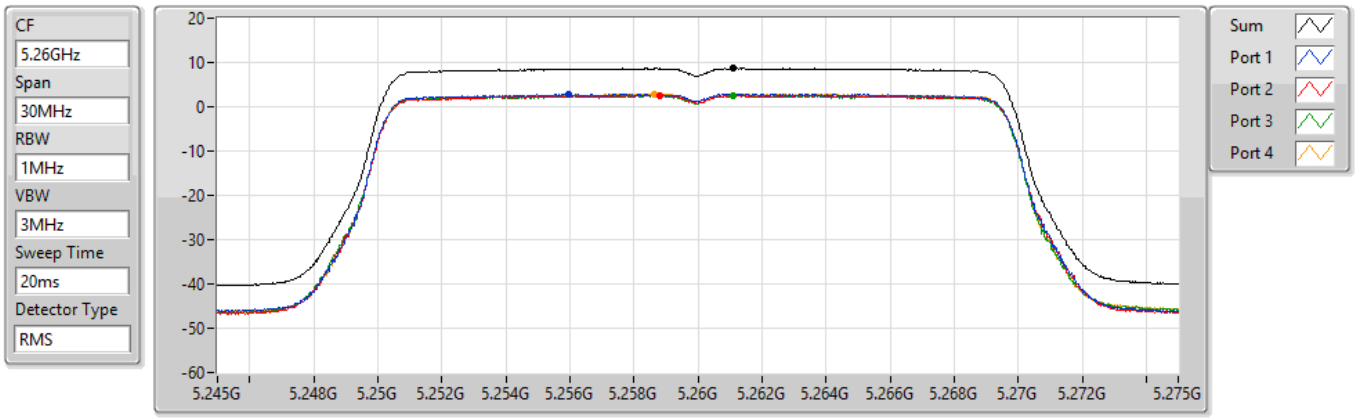
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.71	14.71	8.79	8.62	9.19	8.56

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

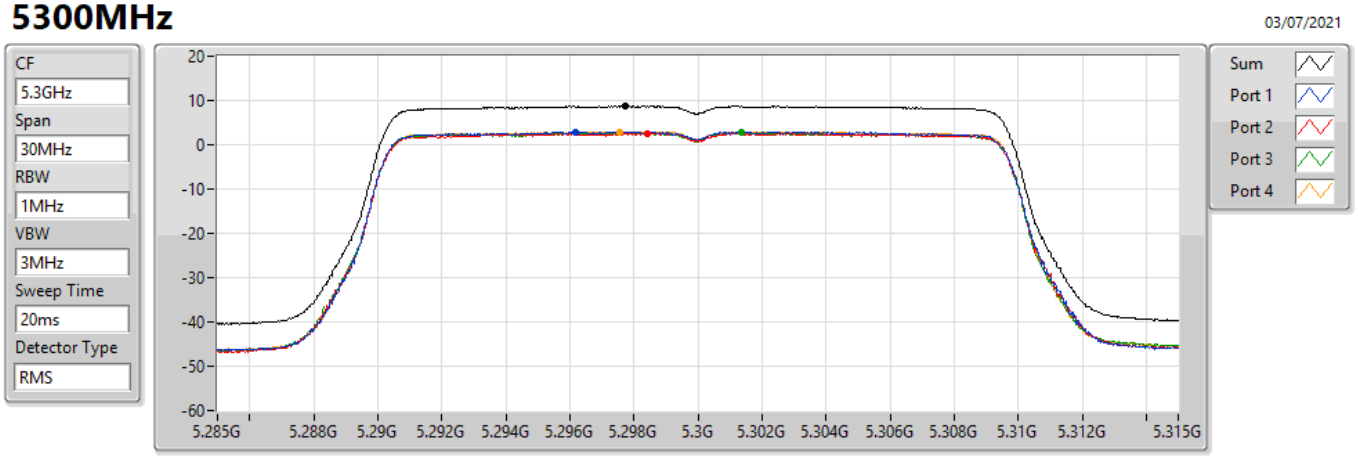
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.66	8.66	2.88	2.62	2.63	2.85

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

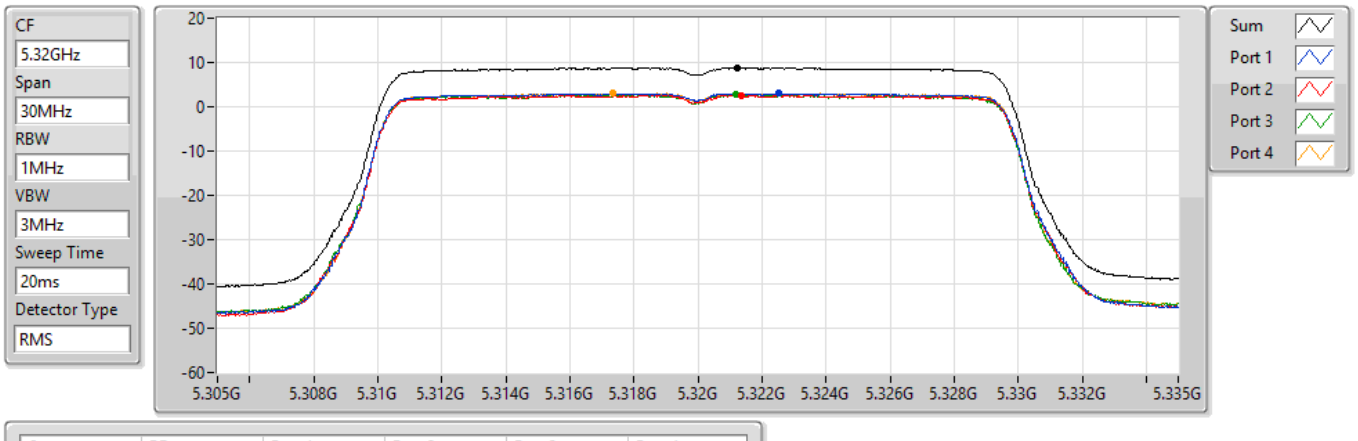
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.68	8.68	2.86	2.60	2.70	2.93

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

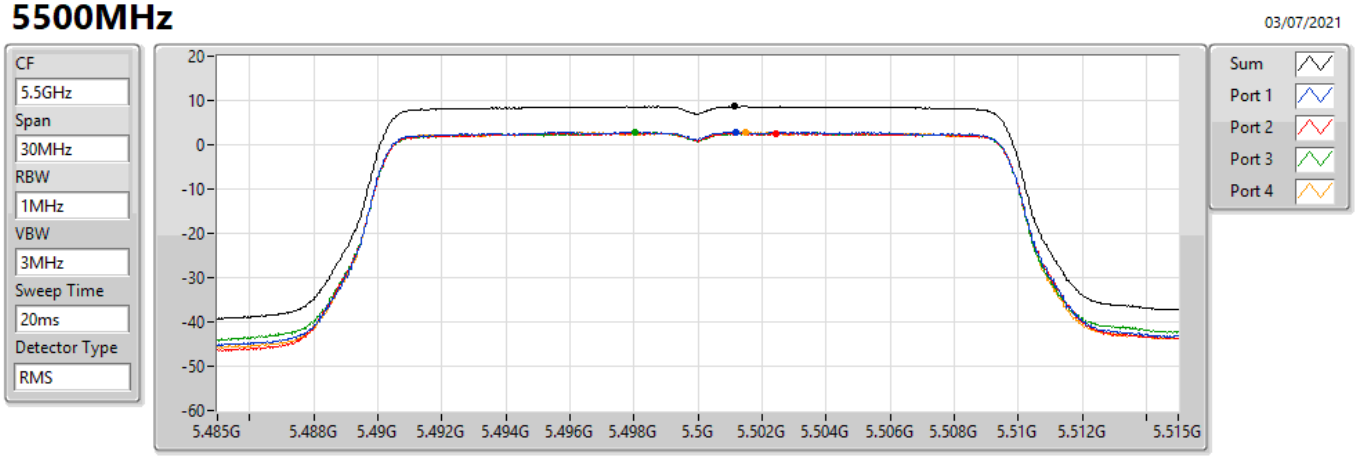
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.77	8.77	2.97	2.63	2.66	3.00

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

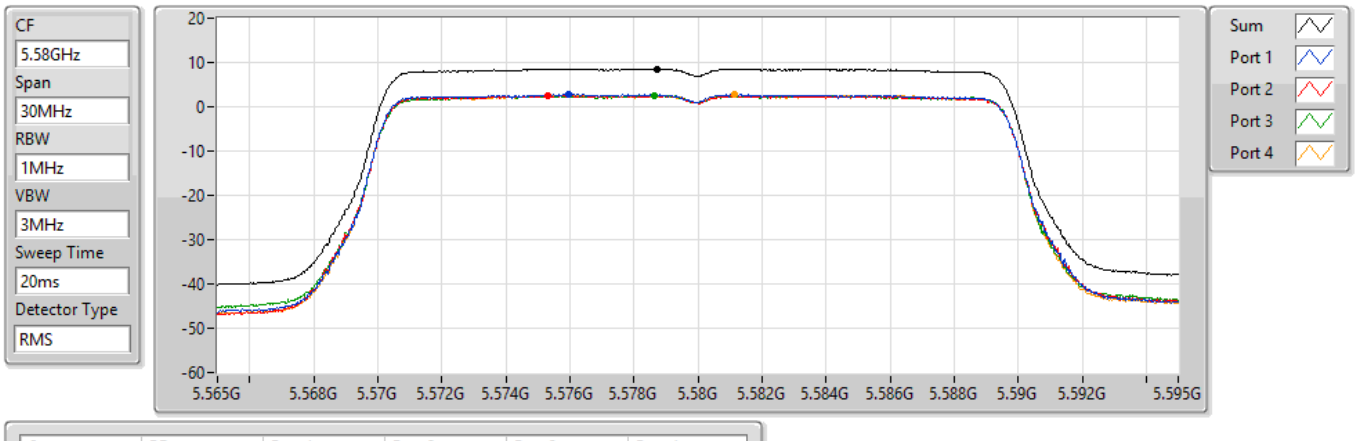
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.63	8.63	2.88	2.58	2.72	2.85

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

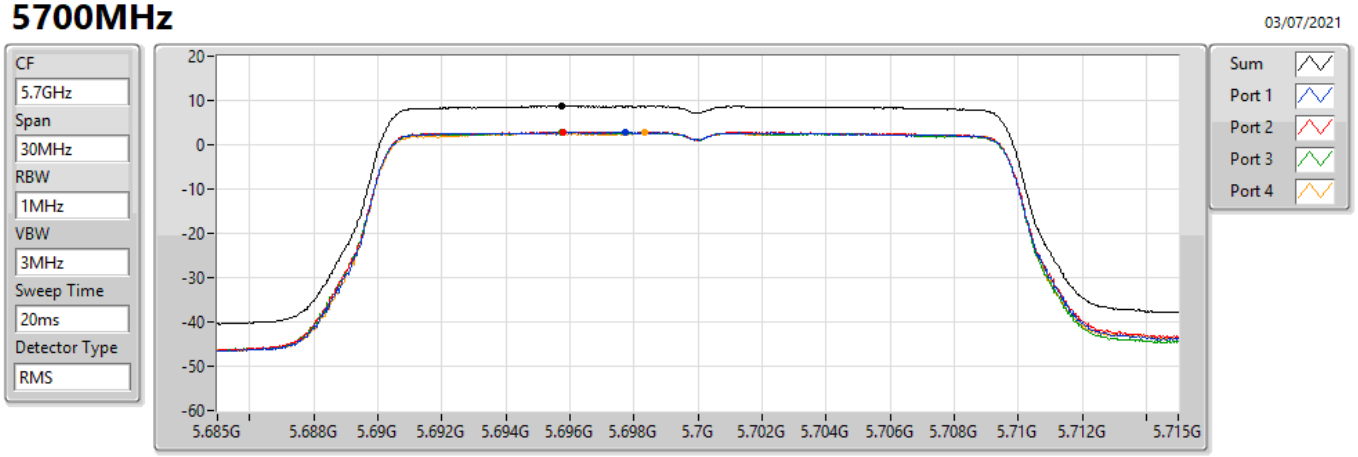
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.55	8.55	2.81	2.54	2.61	2.72

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

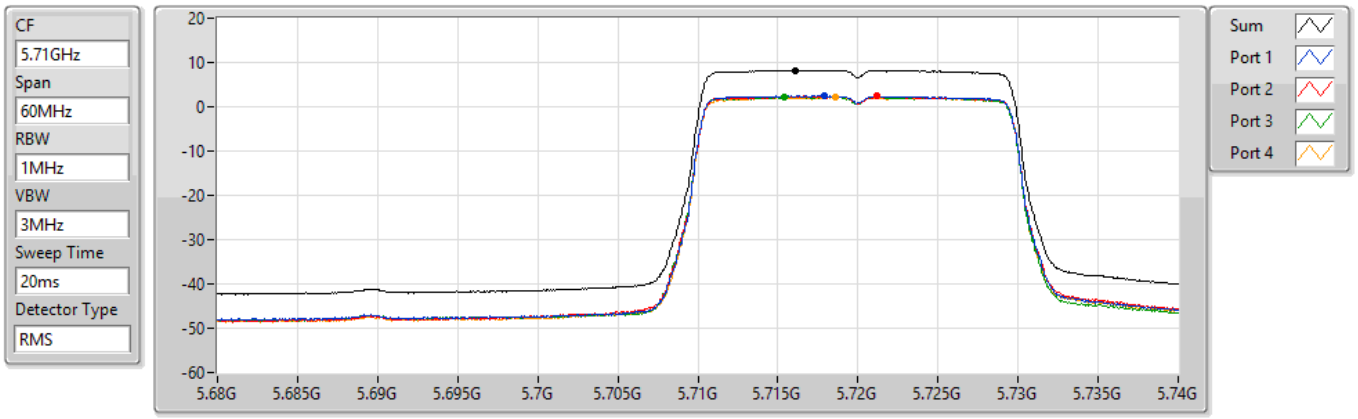
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.72	8.72	2.86	2.91	2.86	2.71

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

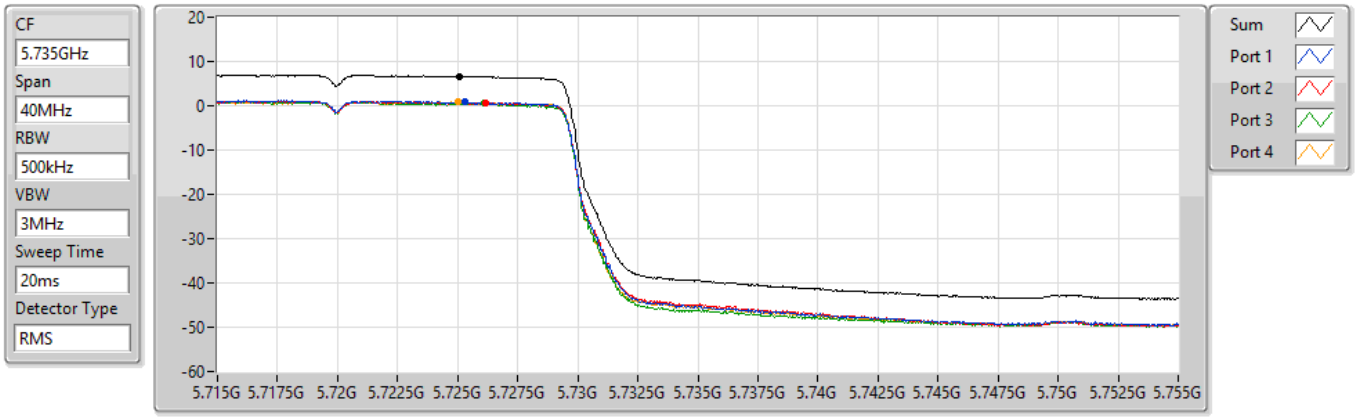


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.25	8.25	2.50	2.36	2.32	2.21

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

03/07/2021

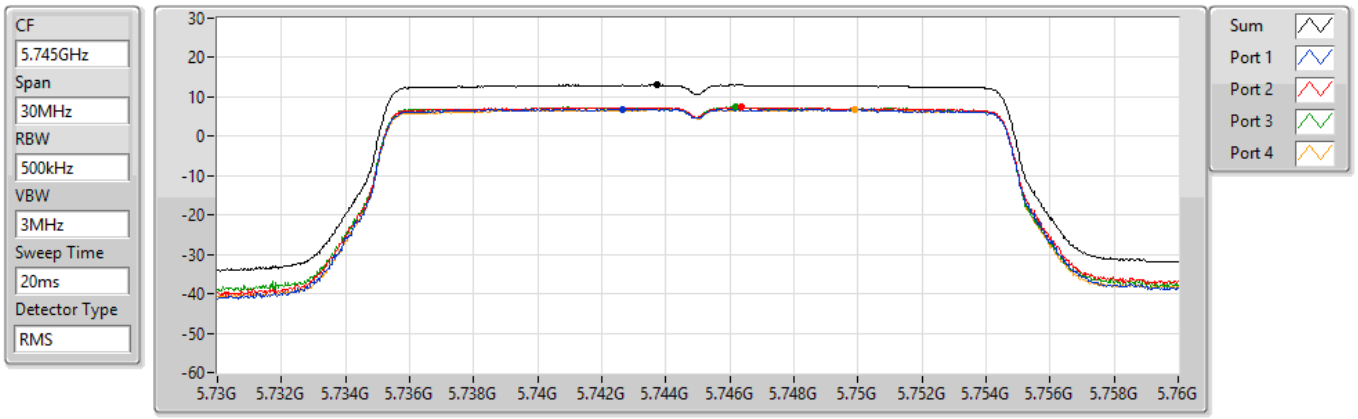


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.69	6.69	0.86	0.75	0.61	0.79

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5745MHz

03/07/2021

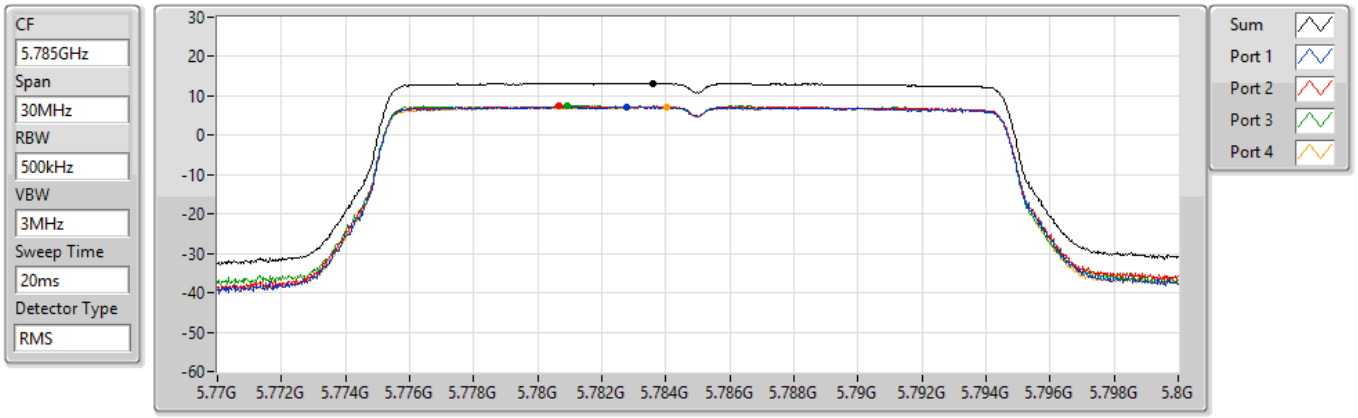


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.03	13.03	6.92	7.35	7.40	6.86

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5785MHz

03/07/2021

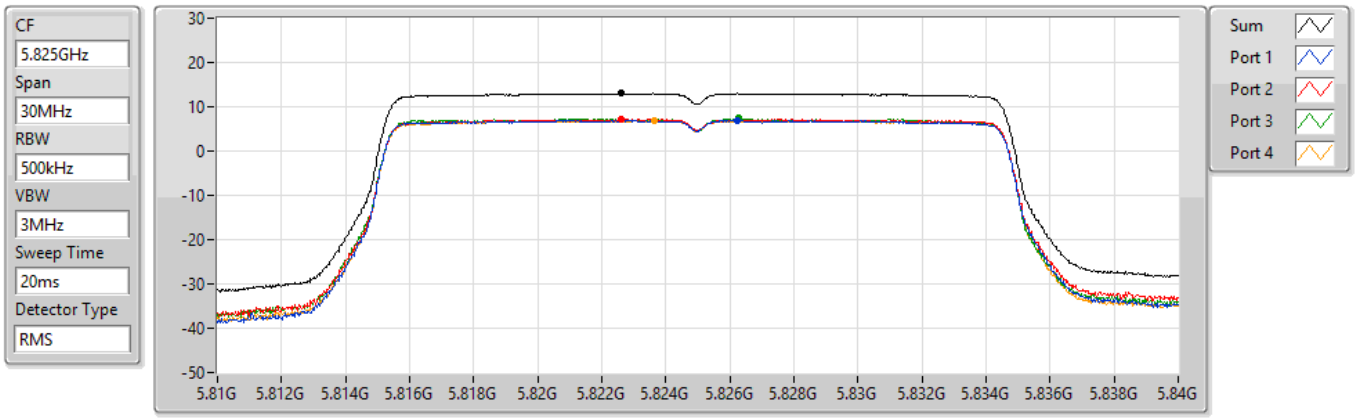


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.23	13.23	7.22	7.39	7.63	7.15

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5825MHz

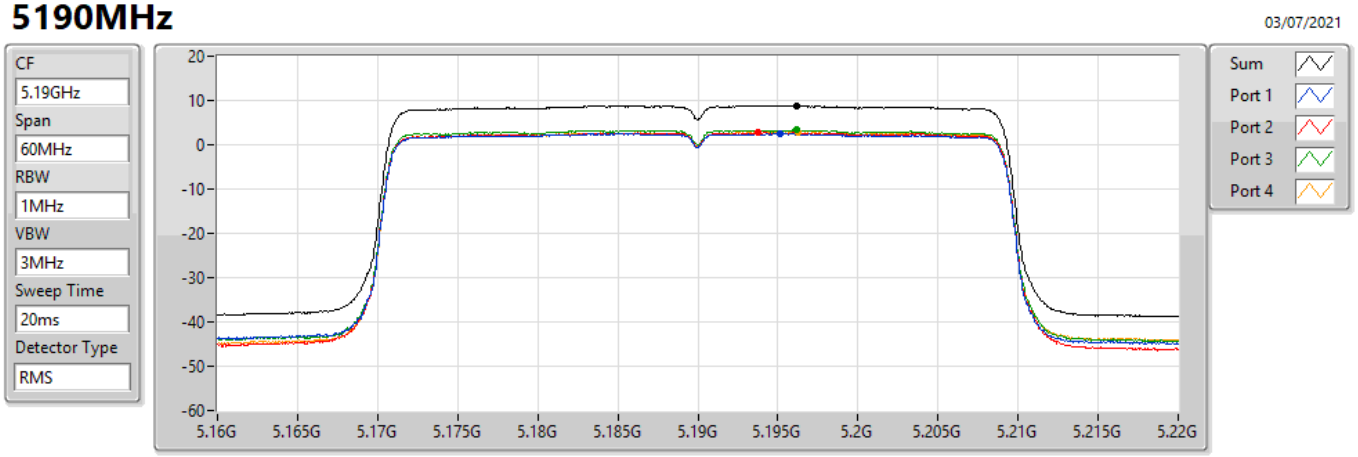
03/07/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.99	12.99	6.94	7.19	7.36	7.01

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

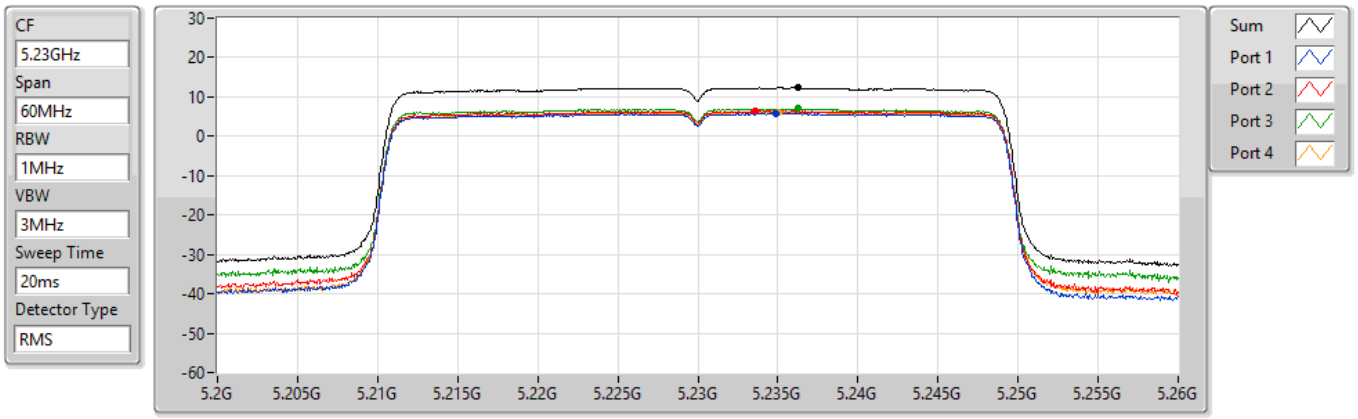
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.81	8.81	2.54	2.75	3.32	2.82

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

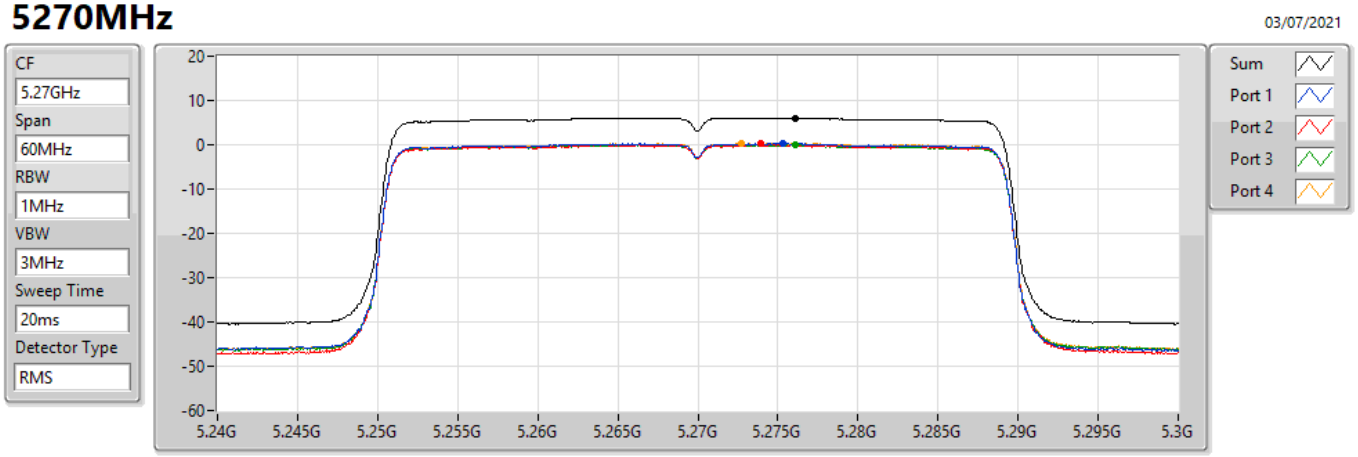
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.33	12.33	5.80	6.46	7.01	6.09

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

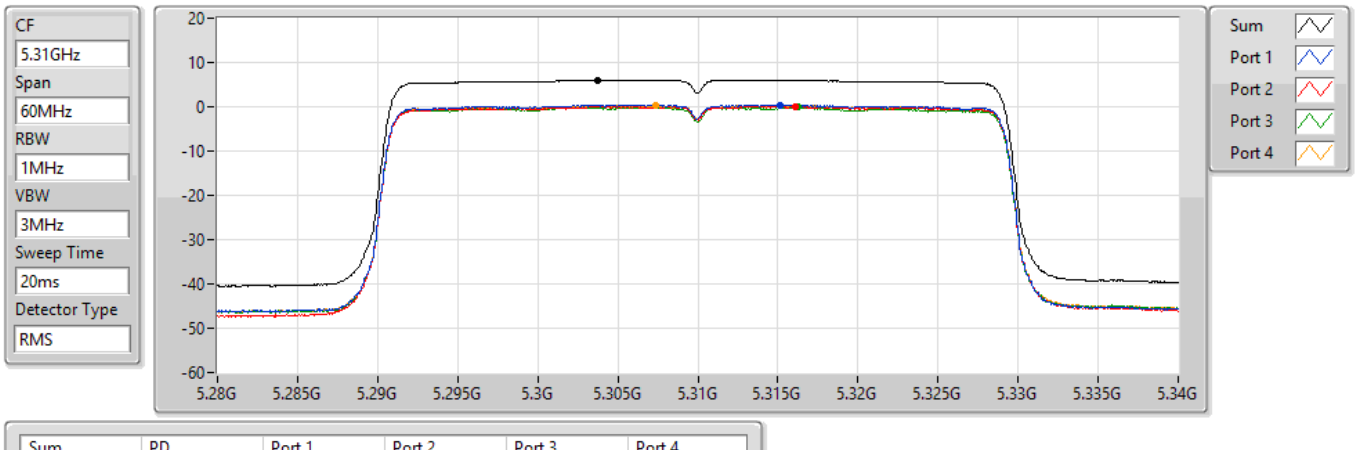
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.09	6.09	0.27	0.17	-0.03	0.29

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

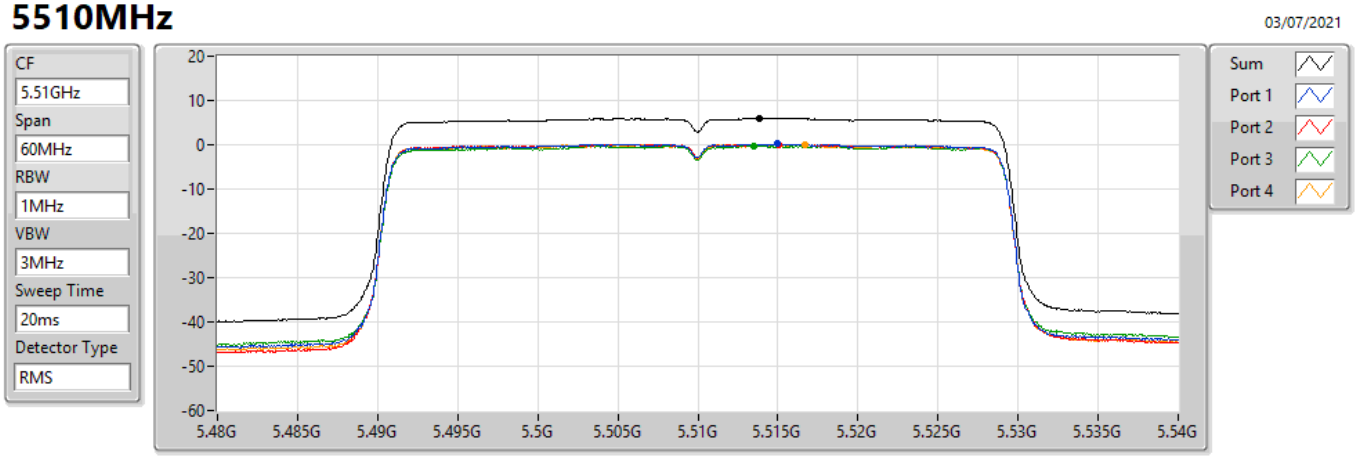
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.08	6.08	0.39	0.11	-0.09	0.22

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

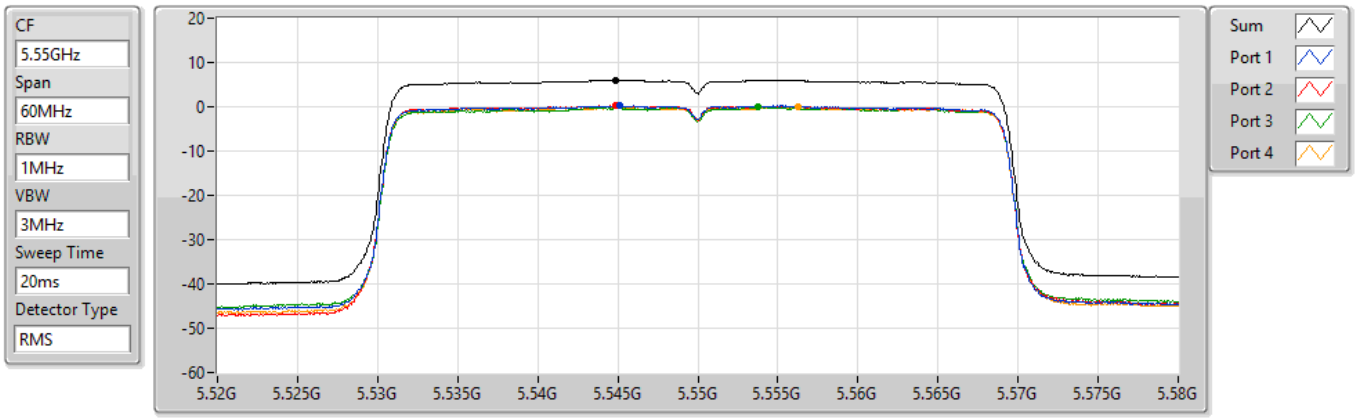
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.94	5.94	0.19	0.14	-0.21	0.10

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

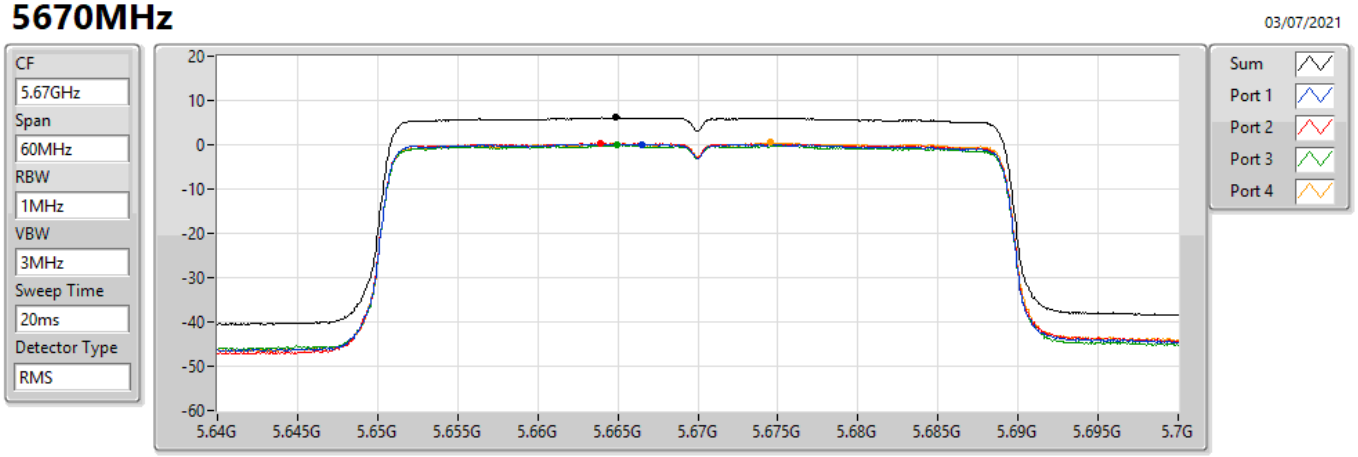
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.97	5.97	0.19	0.26	-0.07	0.04

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

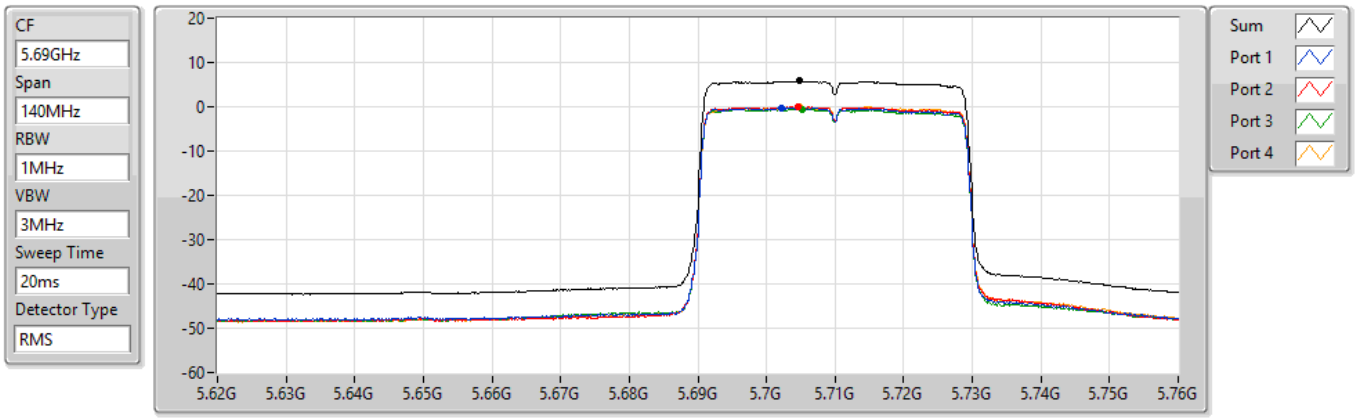
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.15	6.15	0.12	0.30	-0.04	0.47

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

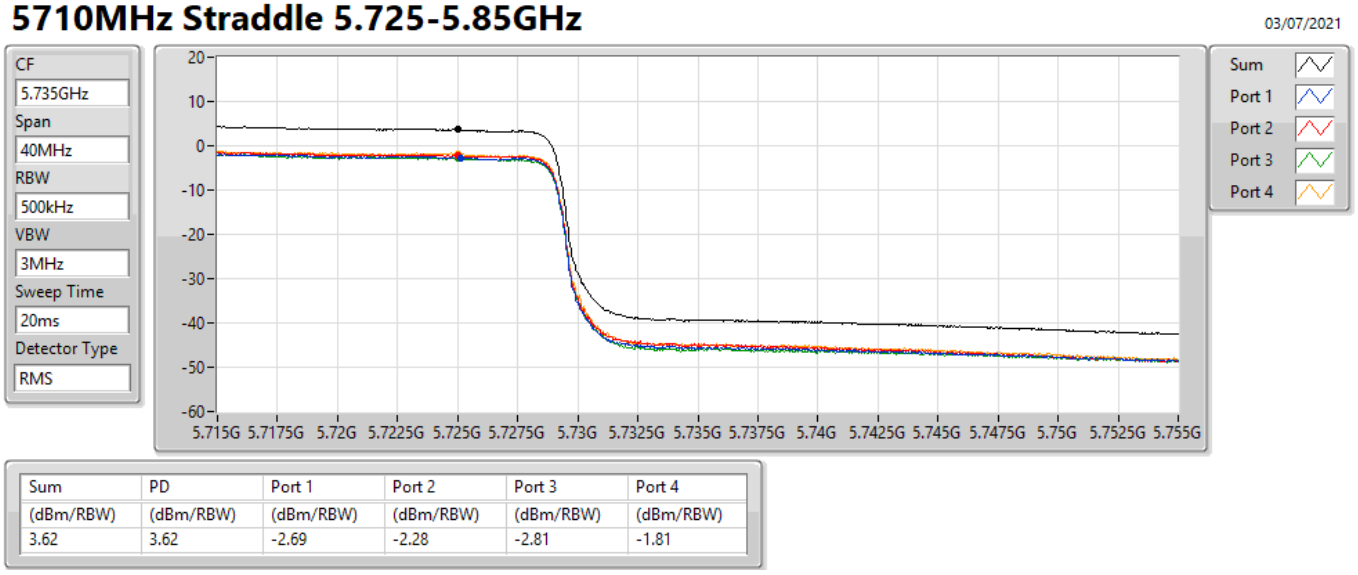
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.79	5.79	-0.21	-0.01	-0.51	0.01

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

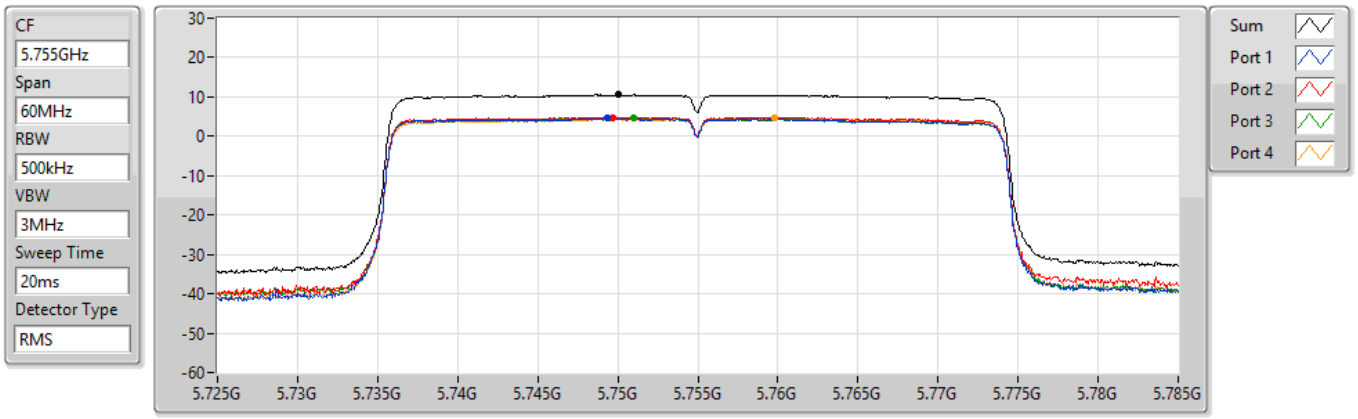
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.62	3.62	-2.69	-2.28	-2.81	-1.81

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

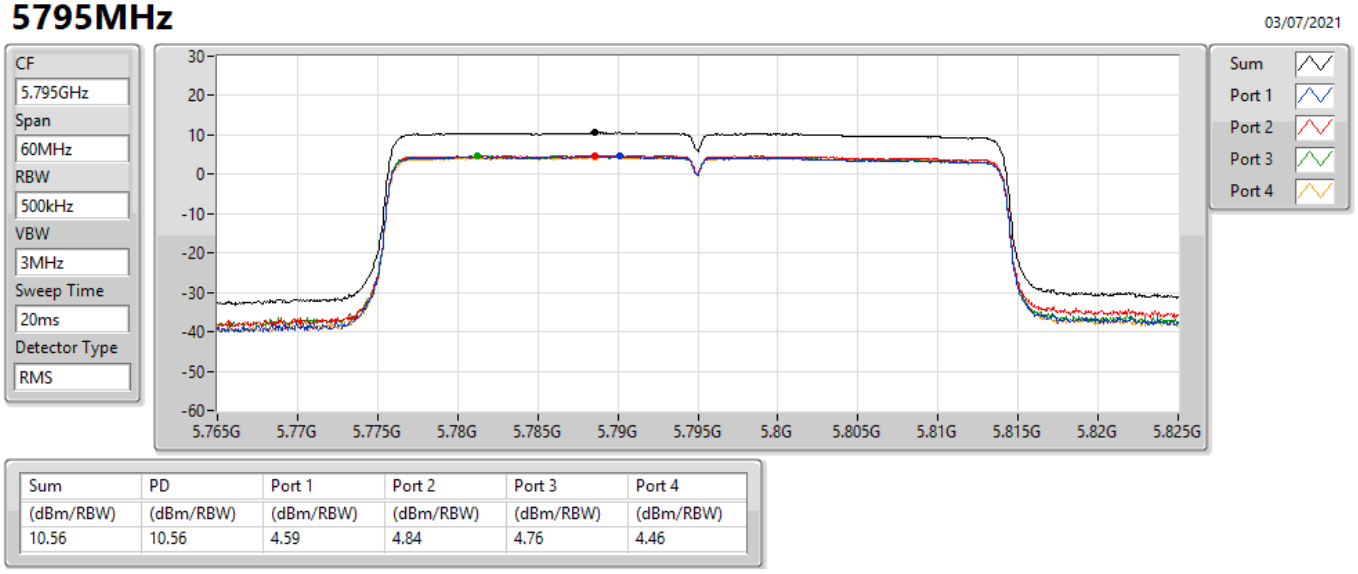
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.54	10.54	4.55	4.83	4.63	4.55

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

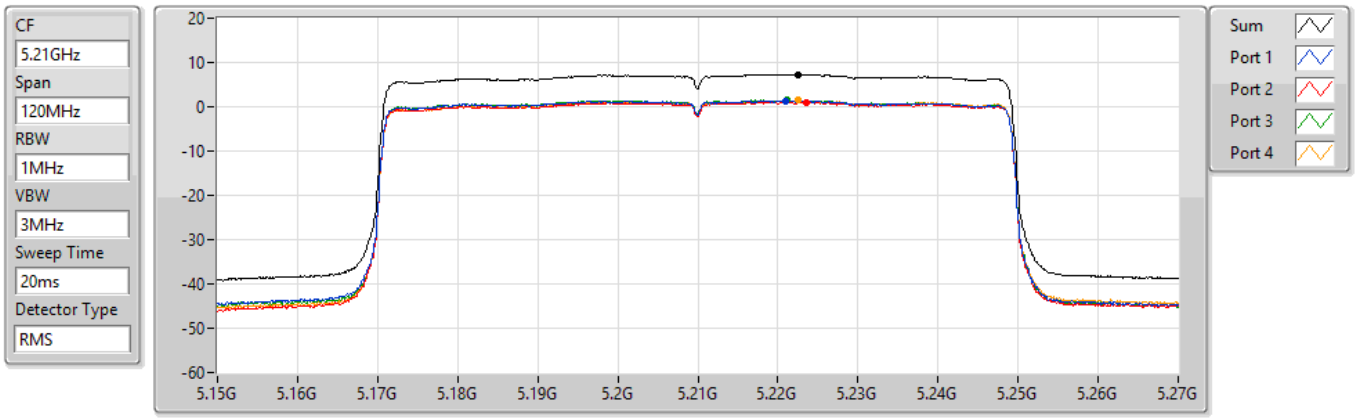
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.56	10.56	4.59	4.84	4.76	4.46

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

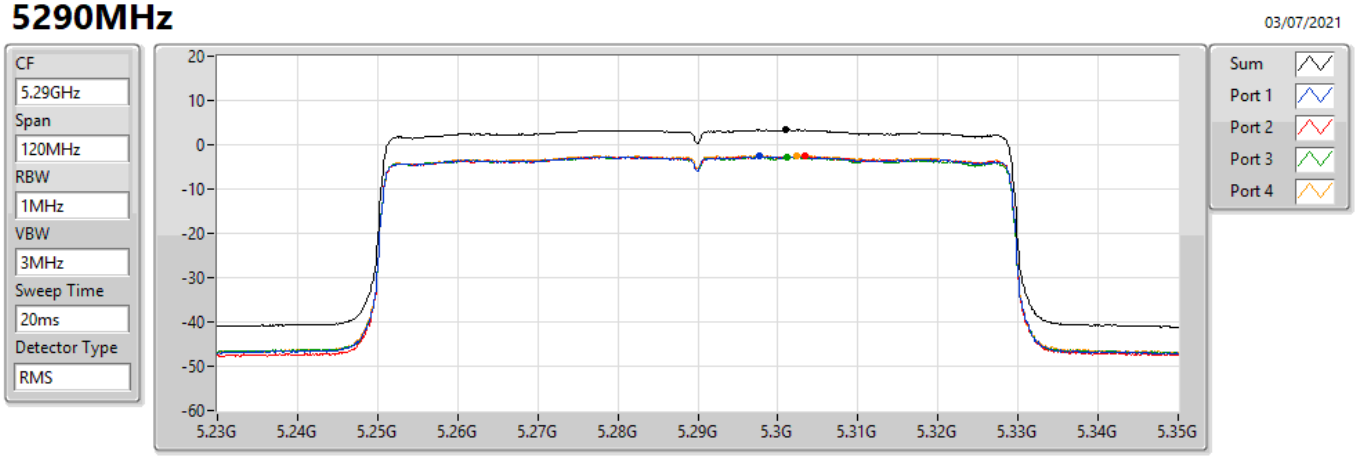
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.32	7.32	1.36	1.09	1.60	1.48

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

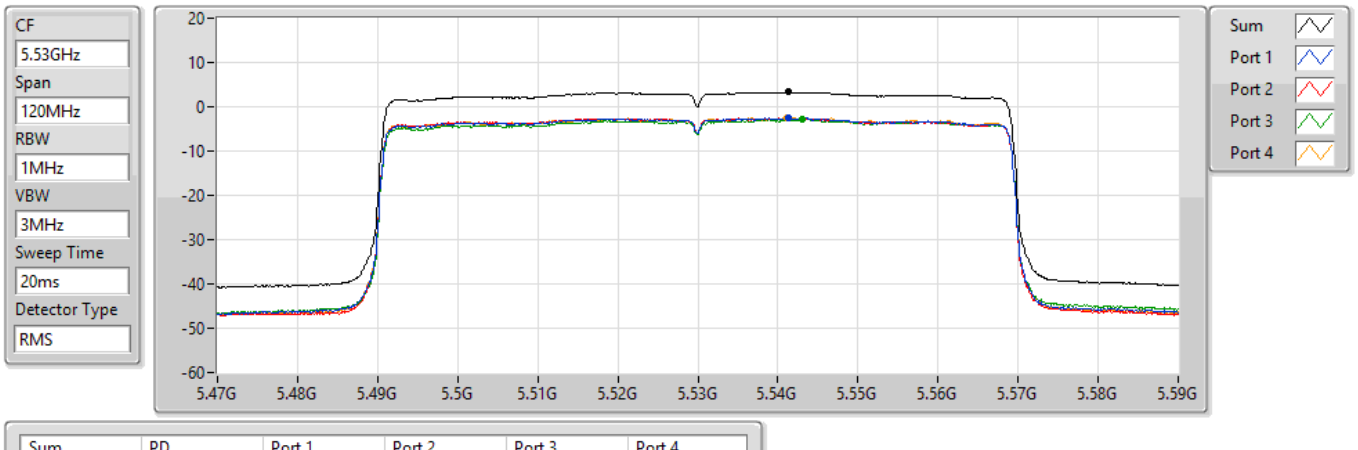
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.35	3.35	-2.62	-2.54	-2.74	-2.40

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

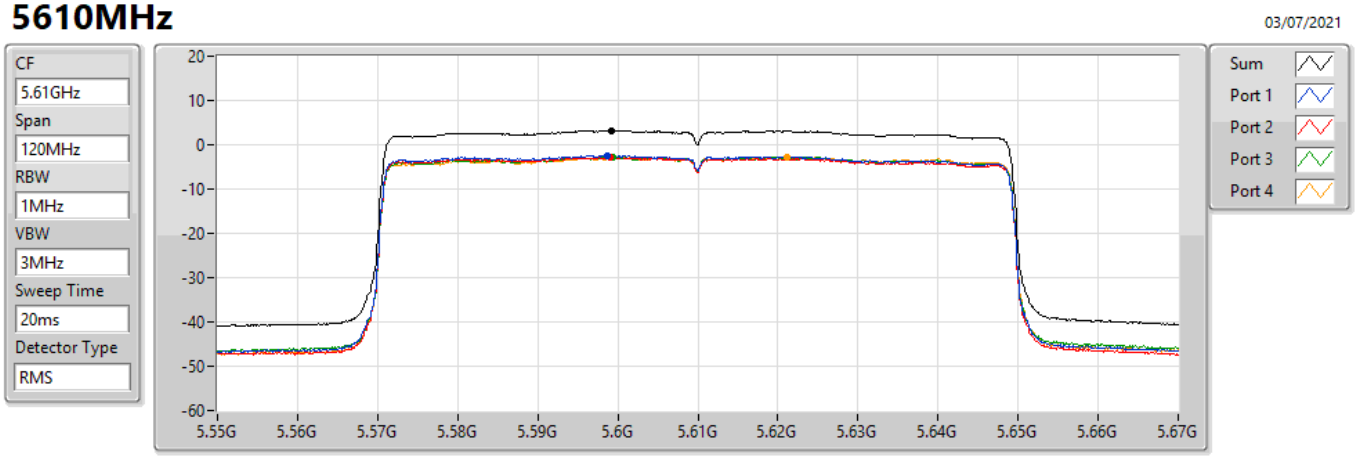
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.34	3.34	-2.56	-2.62	-2.78	-2.37

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

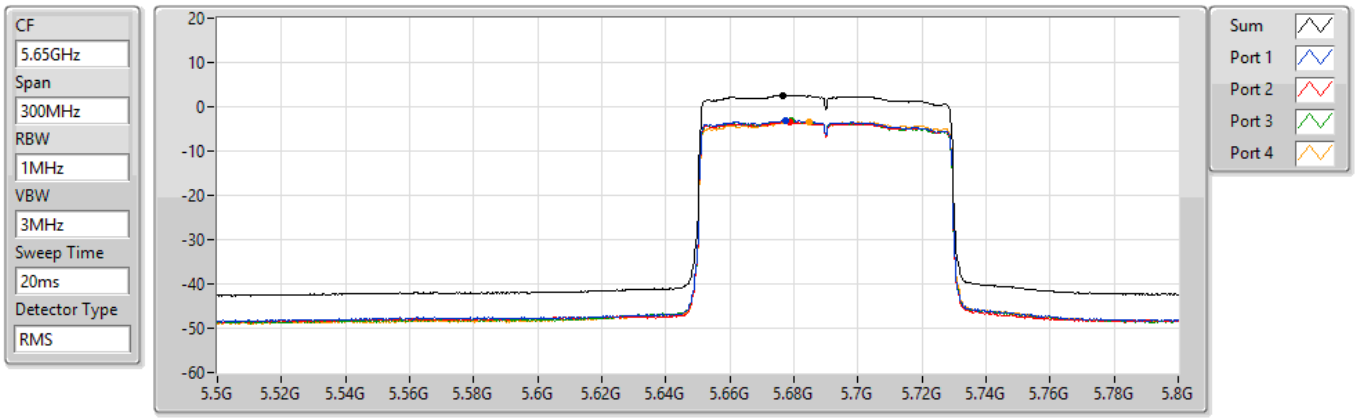
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.21	3.21	-2.47	-2.85	-2.71	-2.77

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

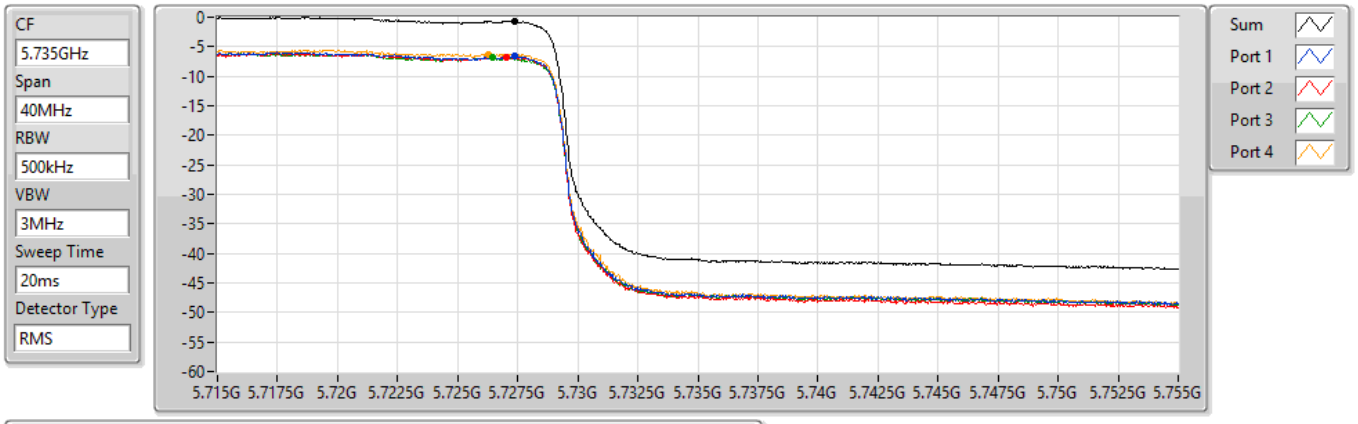


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.63	2.63	-3.08	-3.39	-3.25	-3.48

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

03/07/2021

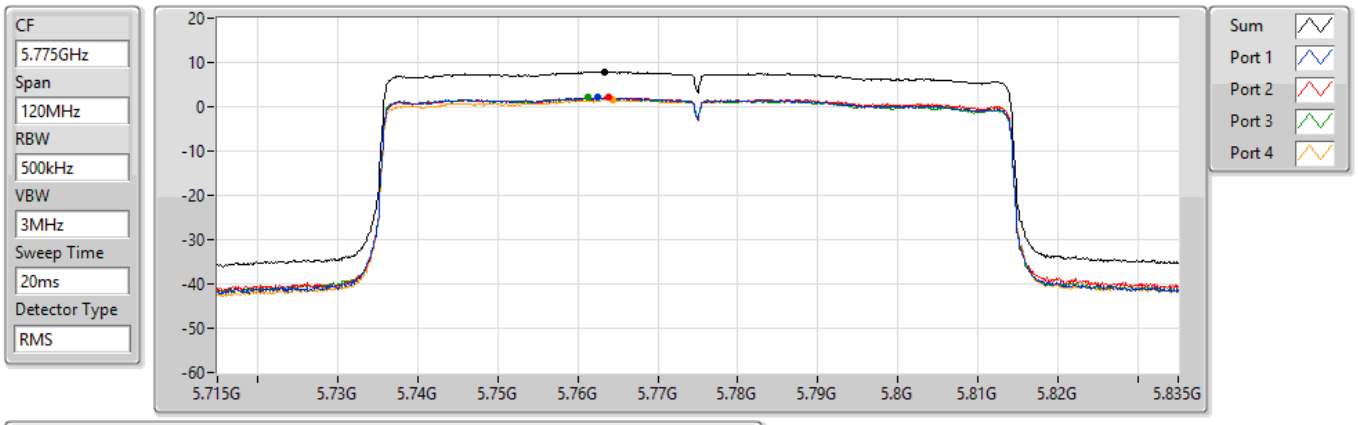


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.69	-0.69	-6.67	-6.73	-6.87	-6.26

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5775MHz

03/07/2021

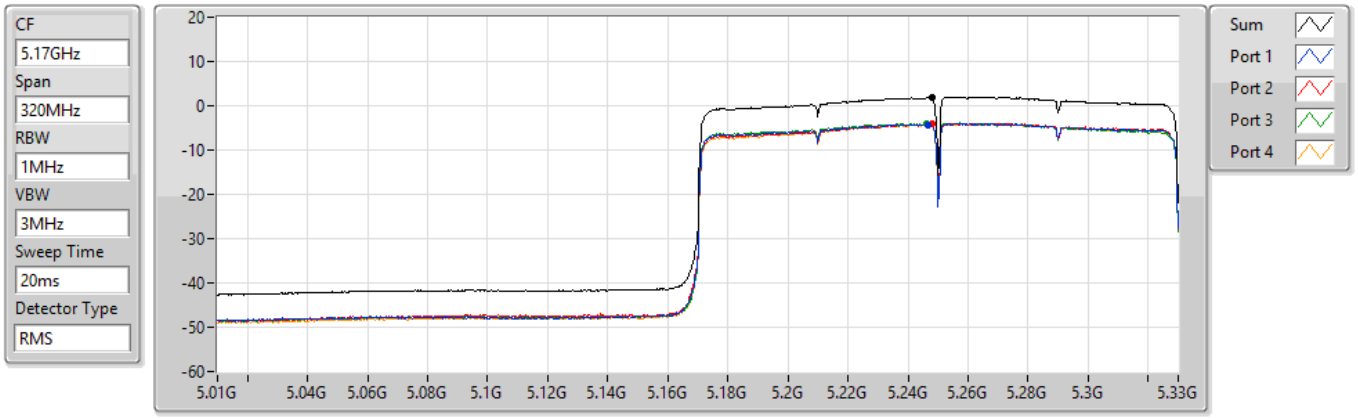


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.87	7.87	2.04	2.10	2.17	1.69

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.15-5.25GHz

03/07/2021

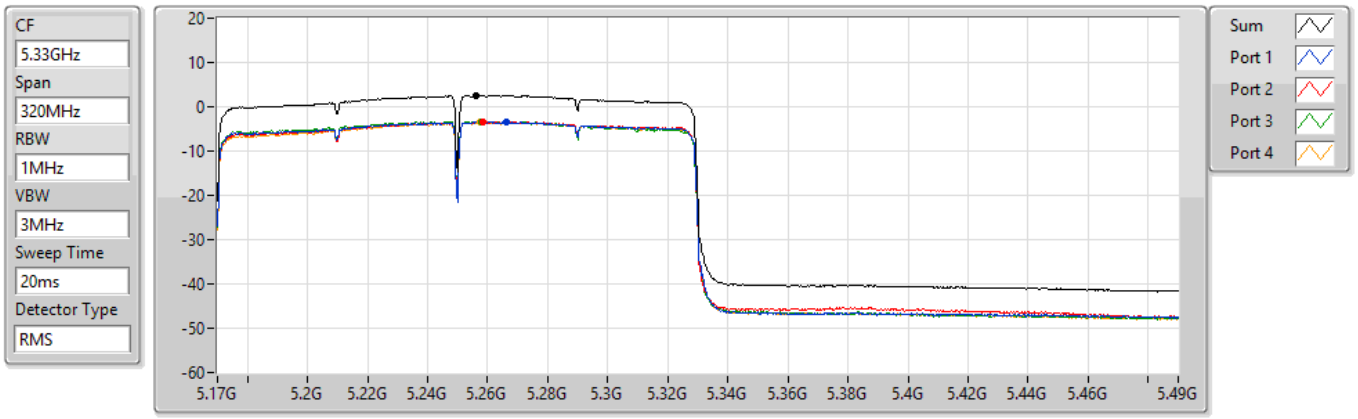


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.80	1.80	-4.22	-4.21	-3.99	-4.18

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.25-5.35GHz

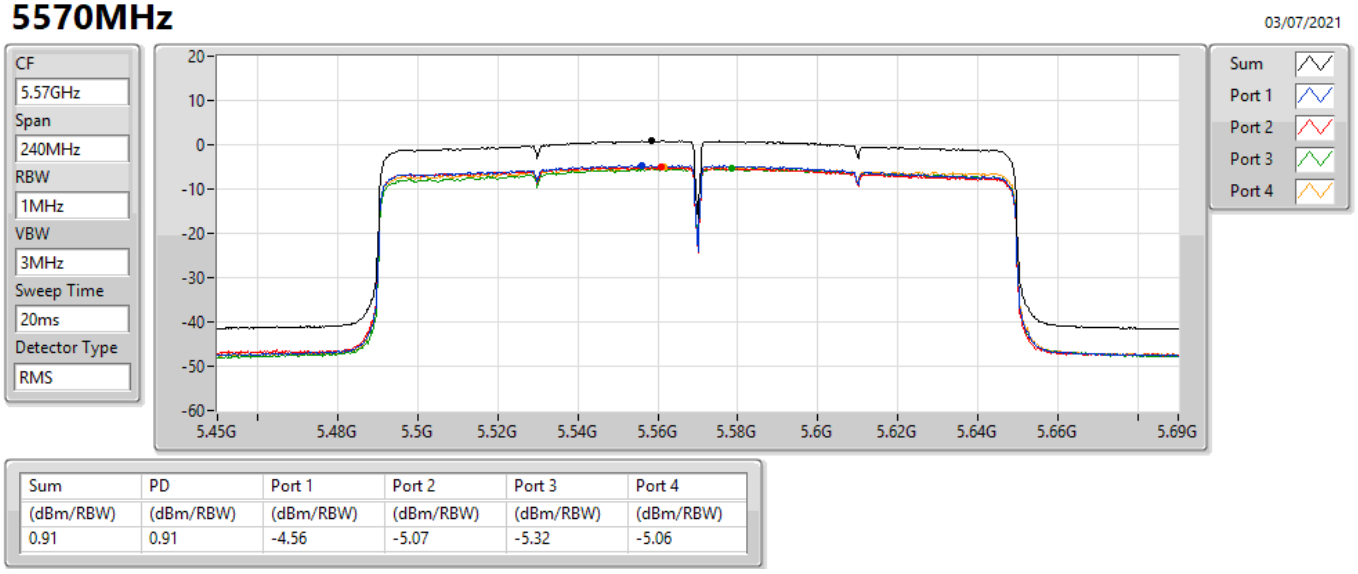
03/07/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.53	2.53	-3.44	-3.35	-3.33	-3.51

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5570MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.91	0.91	-4.56	-5.07	-5.32	-5.06

For 4T2S
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	16.95
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	14.16
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	7.48
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	3.51
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	10.87
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	8.22
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	5.30
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	4.26
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	10.99
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	8.14
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	5.10
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	2.42
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	16.11
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	12.52
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	7.92

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

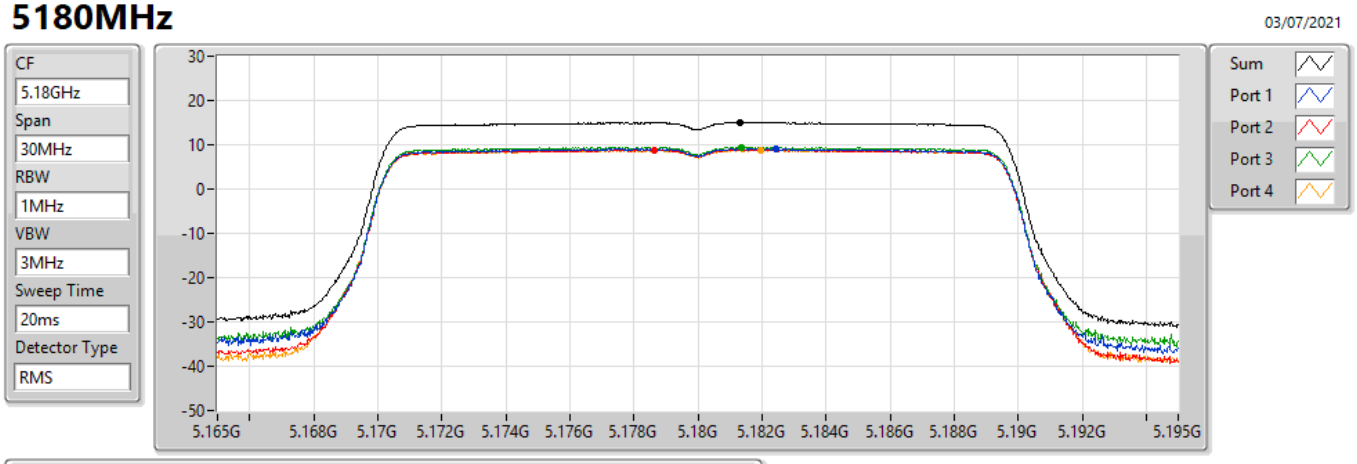
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.97	9.04	8.84	9.40	8.78	15.00	17.00
5200MHz	Pass	4.97	10.74	10.56	11.03	10.55	16.67	17.00
5240MHz	Pass	4.97	11.08	10.86	11.15	10.88	16.95	17.00
5260MHz	Pass	4.99	5.06	4.67	4.69	4.89	10.81	11.00
5300MHz	Pass	4.99	5.00	4.73	4.78	5.02	10.86	11.00
5320MHz	Pass	4.99	5.15	4.67	4.81	5.04	10.87	11.00
5500MHz	Pass	5.04	5.03	4.84	4.74	4.90	10.84	11.00
5580MHz	Pass	5.04	5.09	4.73	4.88	5.05	10.89	11.00
5700MHz	Pass	5.04	5.23	5.03	4.84	5.05	10.99	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.04	4.40	4.23	4.12	4.08	10.19	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.24	2.69	2.83	2.38	2.59	8.56	30.00
5745MHz	Pass	5.24	10.21	9.97	10.32	10.12	16.11	30.00
5785MHz	Pass	5.24	9.97	9.68	10.00	9.90	15.88	30.00
5825MHz	Pass	5.24	9.37	9.24	9.66	9.37	15.35	30.00
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.97	3.30	3.54	4.22	3.46	9.62	17.00
5230MHz	Pass	4.97	7.79	8.31	8.69	7.89	14.16	17.00
5270MHz	Pass	4.99	2.51	2.27	2.07	2.18	8.22	11.00
5310MHz	Pass	4.99	2.34	2.11	1.68	2.01	8.01	11.00
5510MHz	Pass	5.04	2.34	2.18	1.80	2.32	8.14	11.00
5550MHz	Pass	5.04	2.36	2.16	1.86	2.31	8.12	11.00
5670MHz	Pass	5.04	2.07	2.16	1.78	2.15	7.98	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.04	1.82	2.10	1.77	2.08	7.94	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.24	-0.37	-0.02	-0.68	0.32	5.81	30.00
5755MHz	Pass	5.24	6.42	6.60	6.48	6.33	12.41	30.00
5795MHz	Pass	5.24	6.41	6.89	6.50	6.42	12.52	30.00
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.97	1.40	1.26	1.59	1.78	7.48	17.00
5290MHz	Pass	4.99	-0.77	-0.70	-0.70	-0.39	5.30	11.00
5530MHz	Pass	5.04	-0.85	-0.96	-0.90	-0.74	5.10	11.00
5610MHz	Pass	5.04	-0.66	-0.96	-1.20	-1.38	4.87	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.04	-0.88	-1.23	-1.20	-1.52	4.73	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.24	-4.52	-4.58	-4.74	-3.89	1.53	30.00
5775MHz	Pass	5.24	2.04	2.17	2.18	1.55	7.92	30.00
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.97	-2.71	-2.41	-2.06	-2.51	3.51	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.99	-1.77	-1.66	-1.55	-1.56	4.26	11.00
5570MHz	Pass	5.04	-3.04	-3.62	-3.83	-3.32	2.42	11.00

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

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

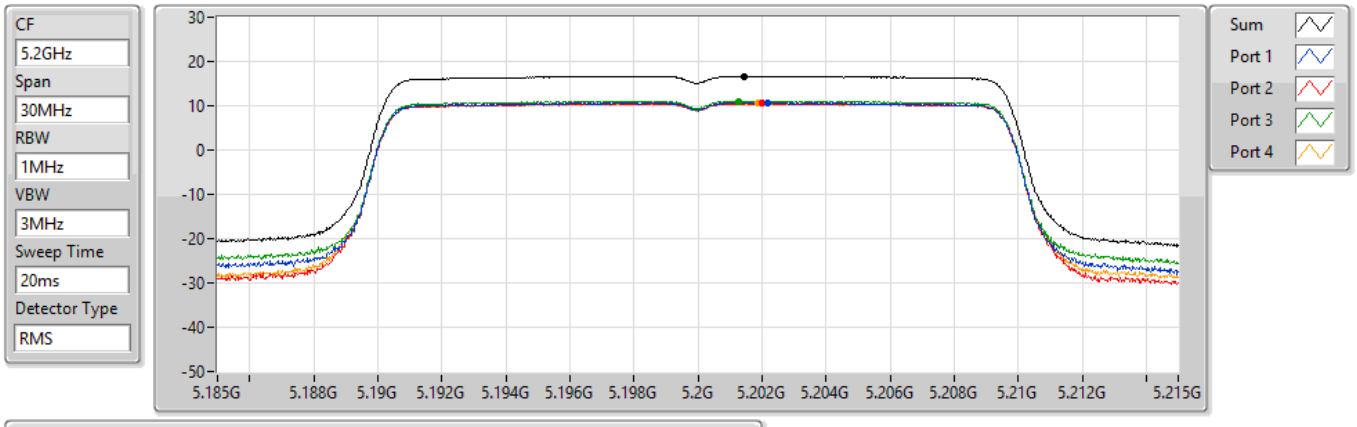
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.00	15.00	9.04	8.84	9.40	8.78

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

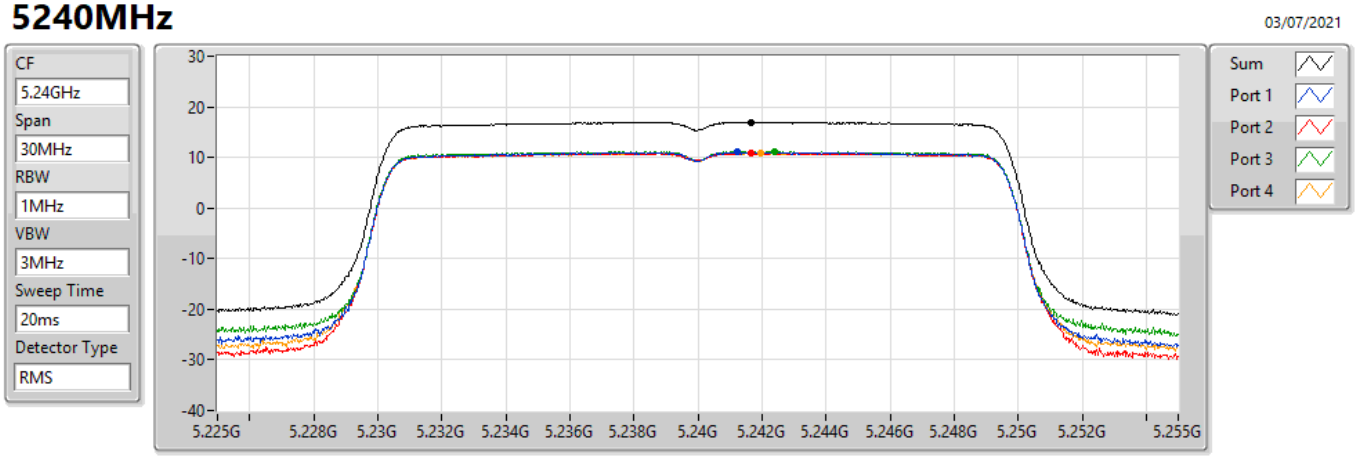
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.67	16.67	10.74	10.56	11.03	10.55

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

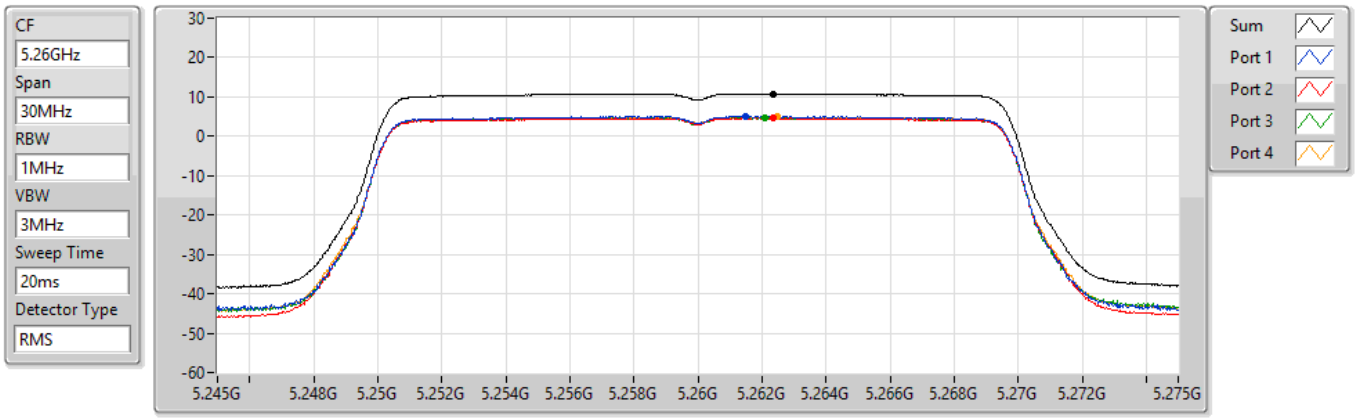
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.95	16.95	11.08	10.86	11.15	10.88

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

5260MHz

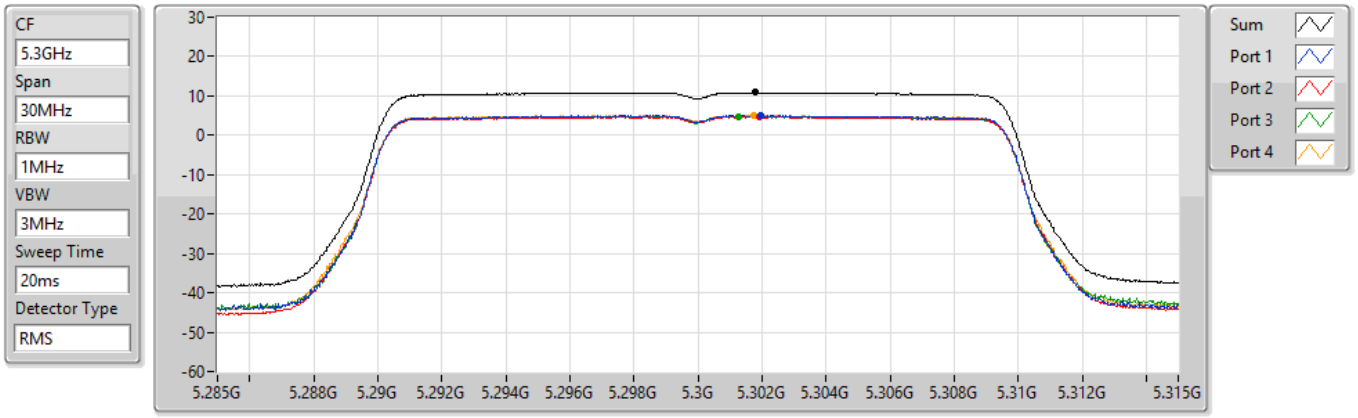


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.81	10.81	5.06	4.67	4.69	4.89

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

5300MHz

03/07/2021

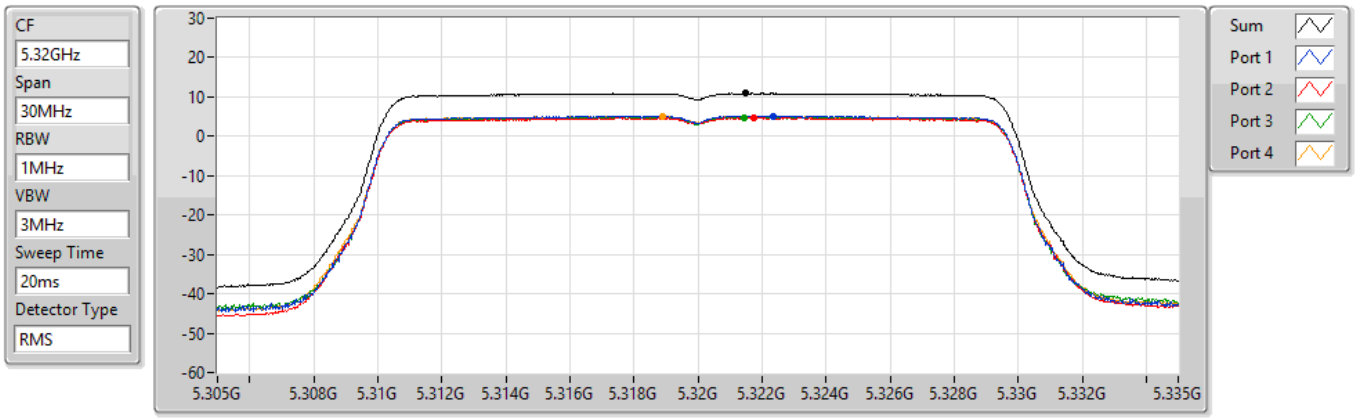


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.86	10.86	5.00	4.73	4.78	5.02

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

5320MHz

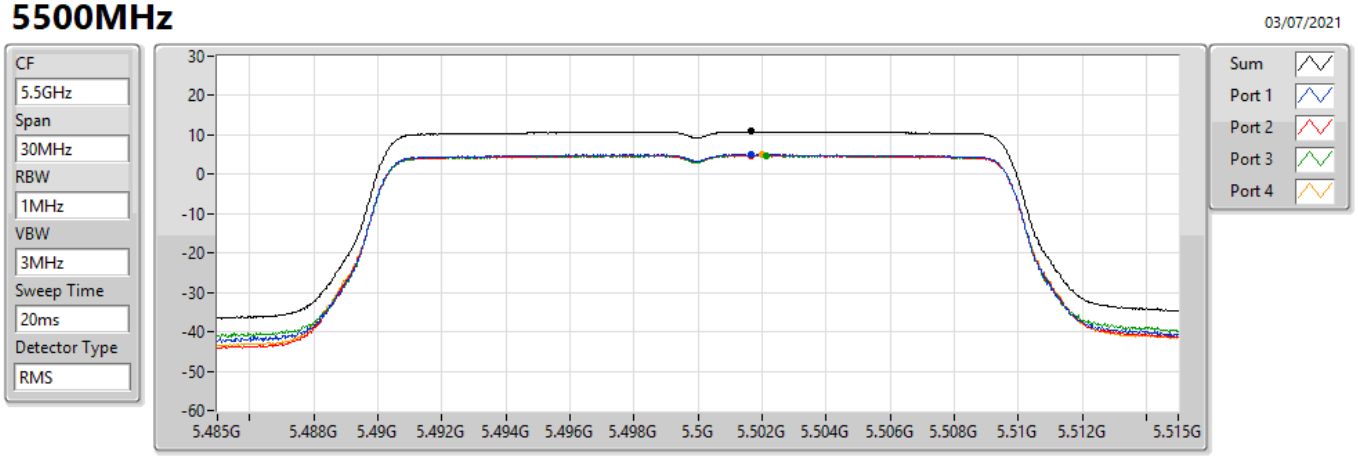
03/07/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.87	10.87	5.15	4.67	4.81	5.04

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

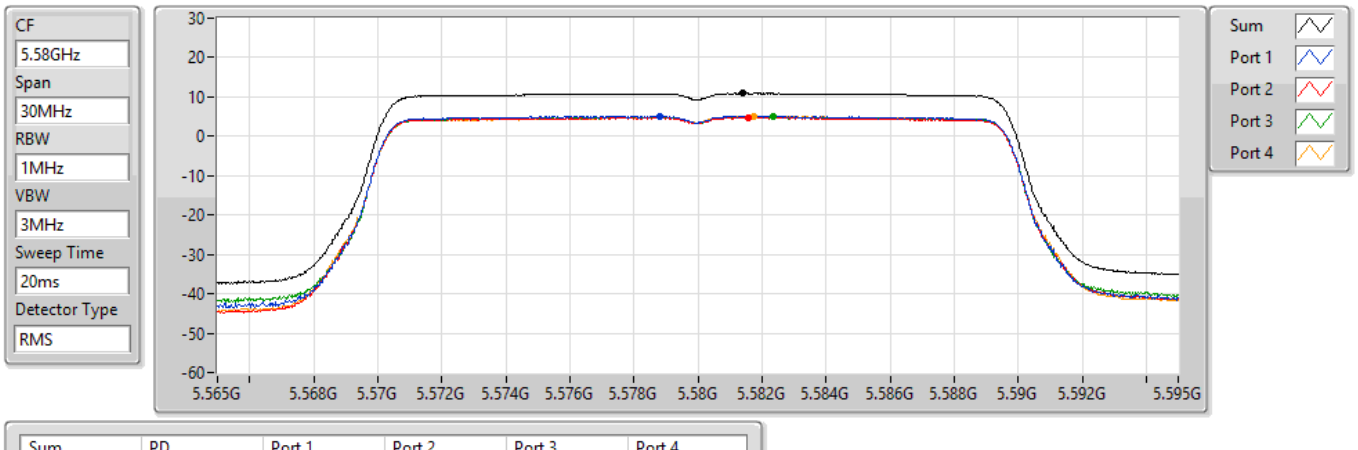
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.84	10.84	5.03	4.84	4.74	4.90

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

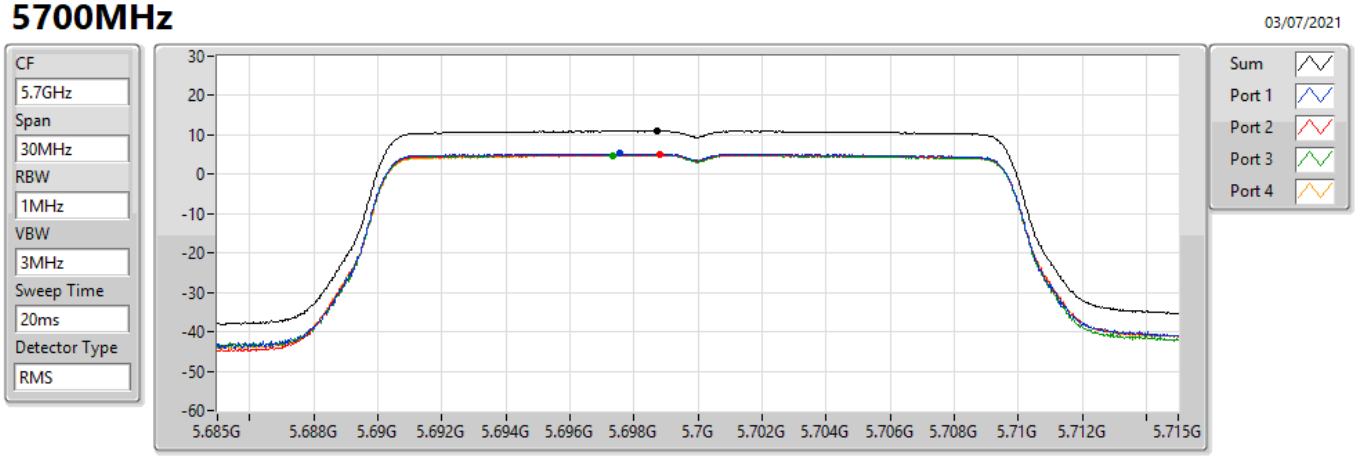
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.89	10.89	5.09	4.73	4.88	5.05

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

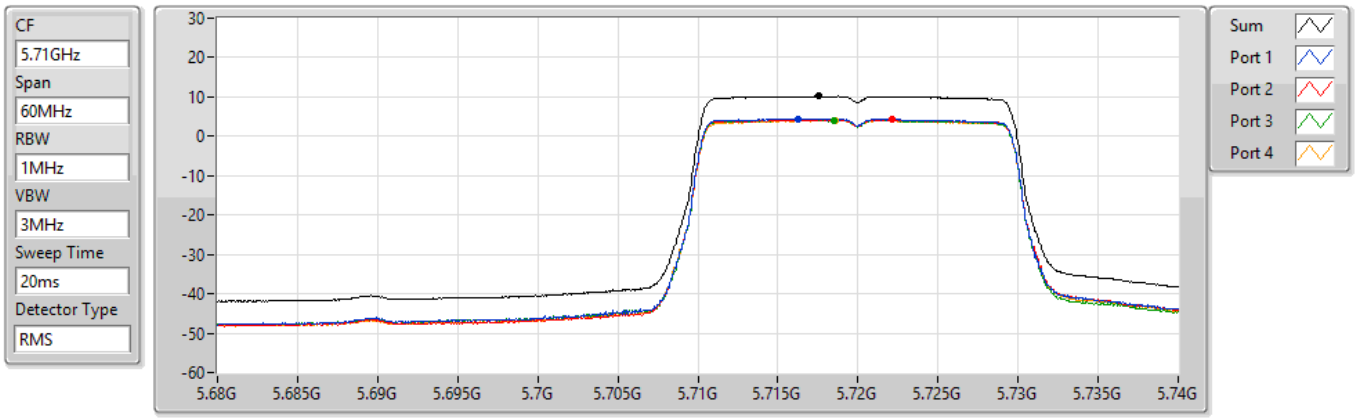
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.99	10.99	5.23	5.03	4.84	5.05

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

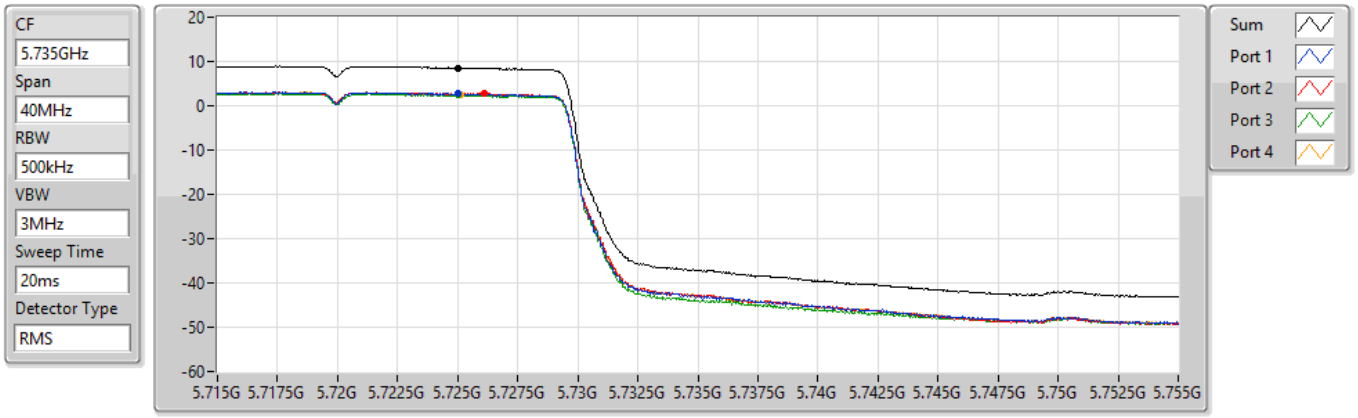


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.19	10.19	4.40	4.23	4.12	4.08

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

03/07/2021

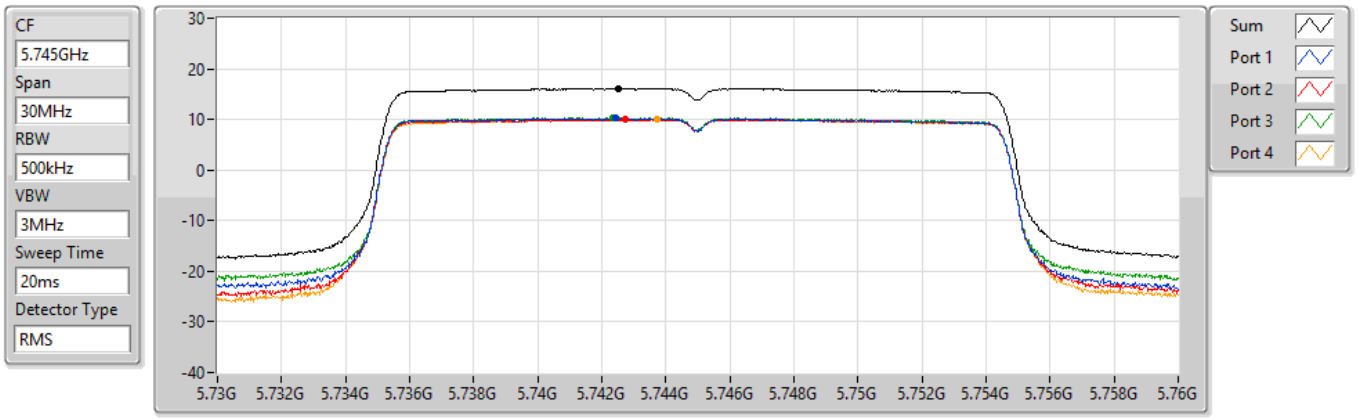


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.56	8.56	2.69	2.83	2.38	2.59

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

5745MHz

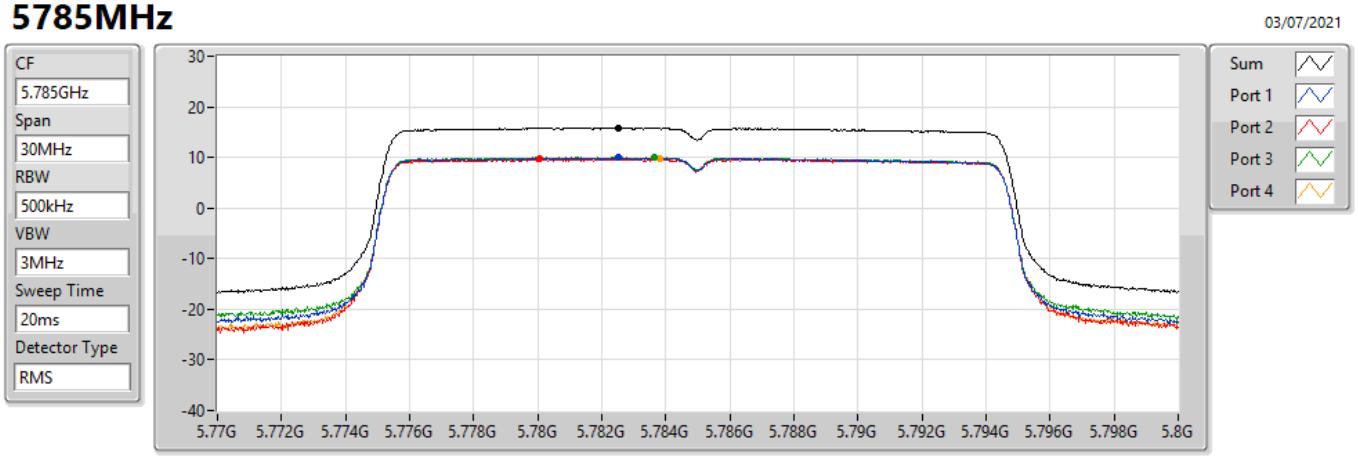
03/07/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.11	16.11	10.21	9.97	10.32	10.12

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

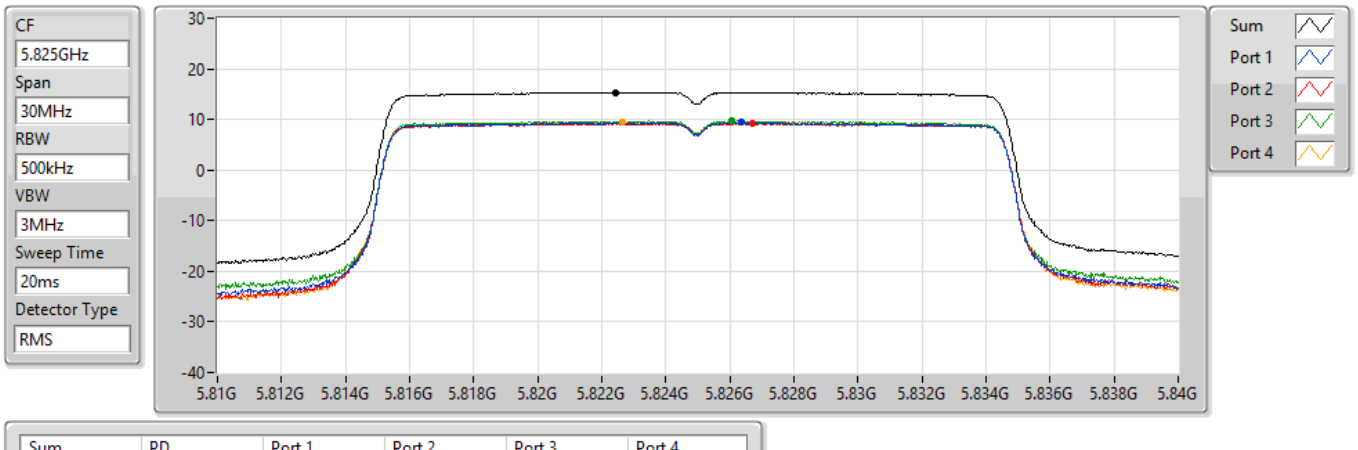
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.88	15.88	9.97	9.68	10.00	9.90

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

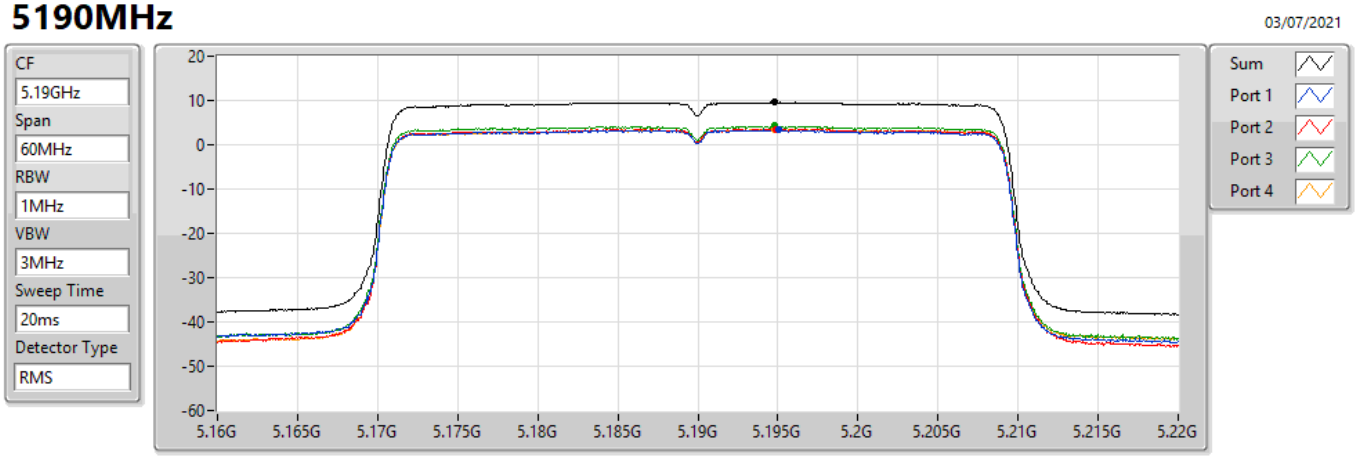
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.35	15.35	9.37	9.24	9.66	9.37

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

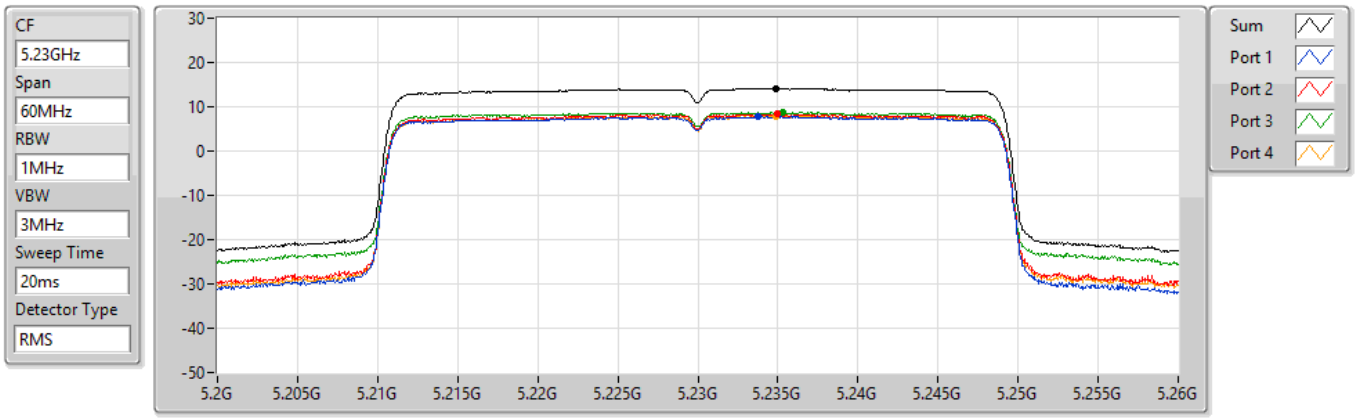
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.62	9.62	3.30	3.54	4.22	3.46

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

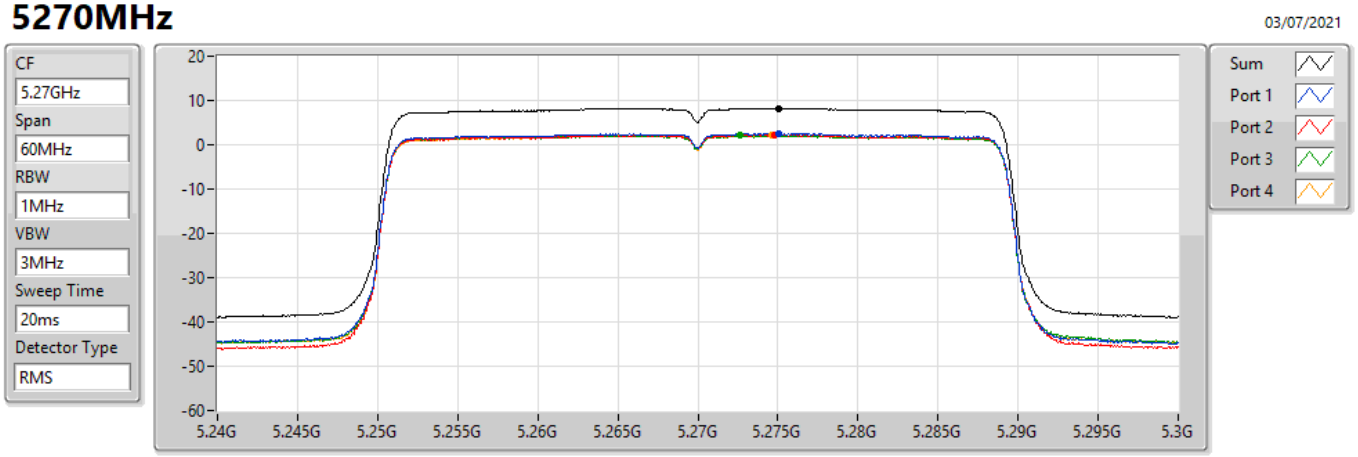
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.16	14.16	7.79	8.31	8.69	7.89

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

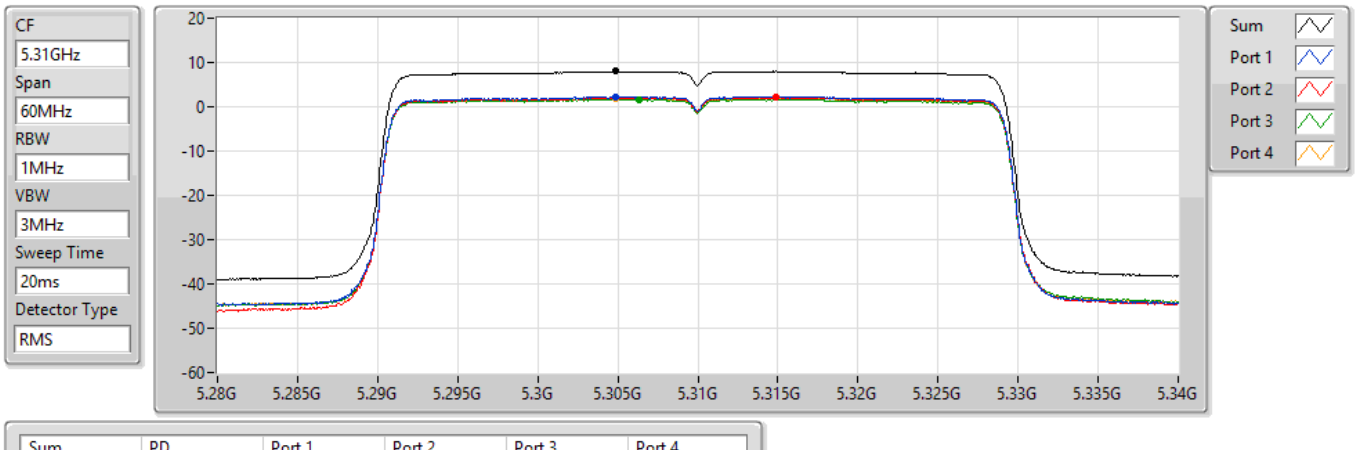
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.22	8.22	2.51	2.27	2.07	2.18

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

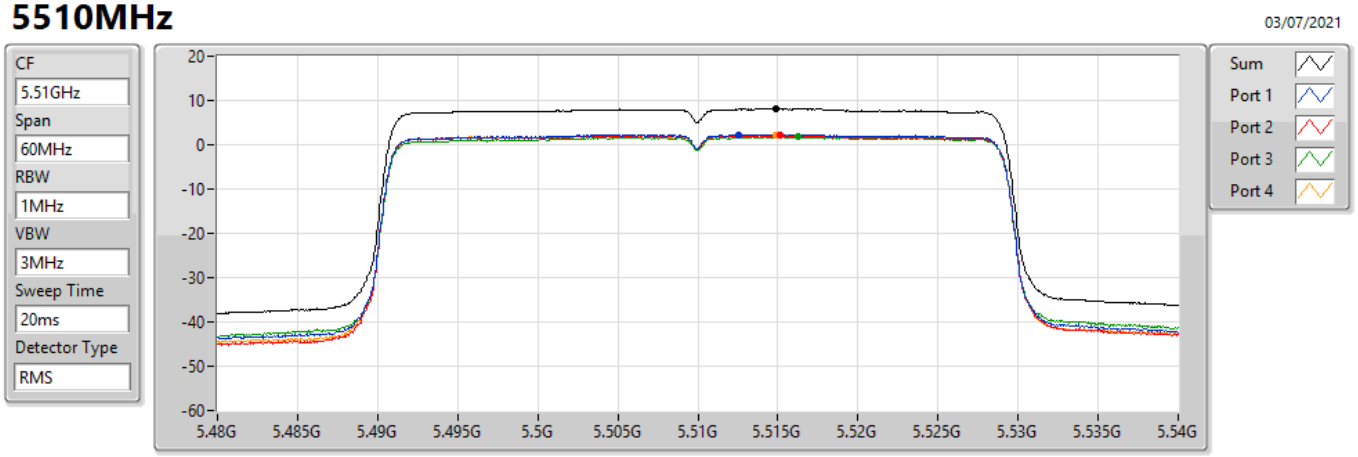
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.01	8.01	2.34	2.11	1.68	2.01

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

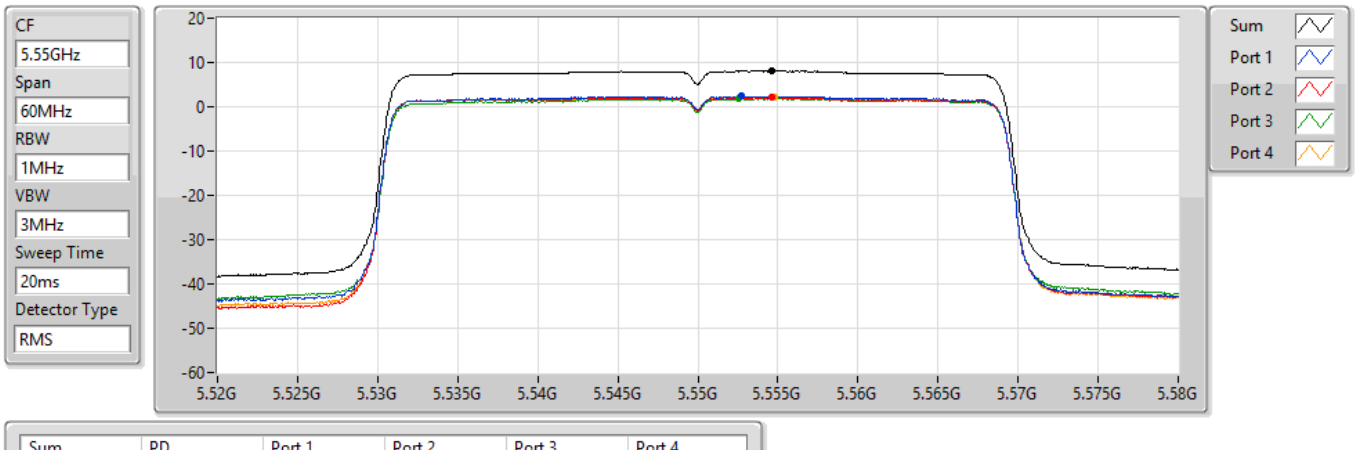
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.14	8.14	2.34	2.18	1.80	2.32

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

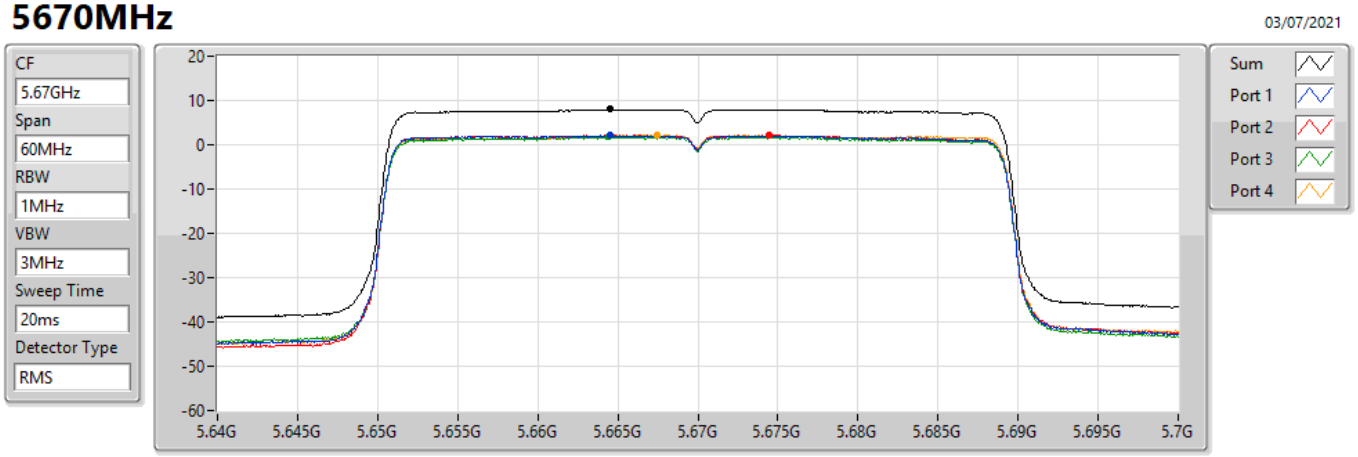
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.12	8.12	2.36	2.16	1.86	2.31

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

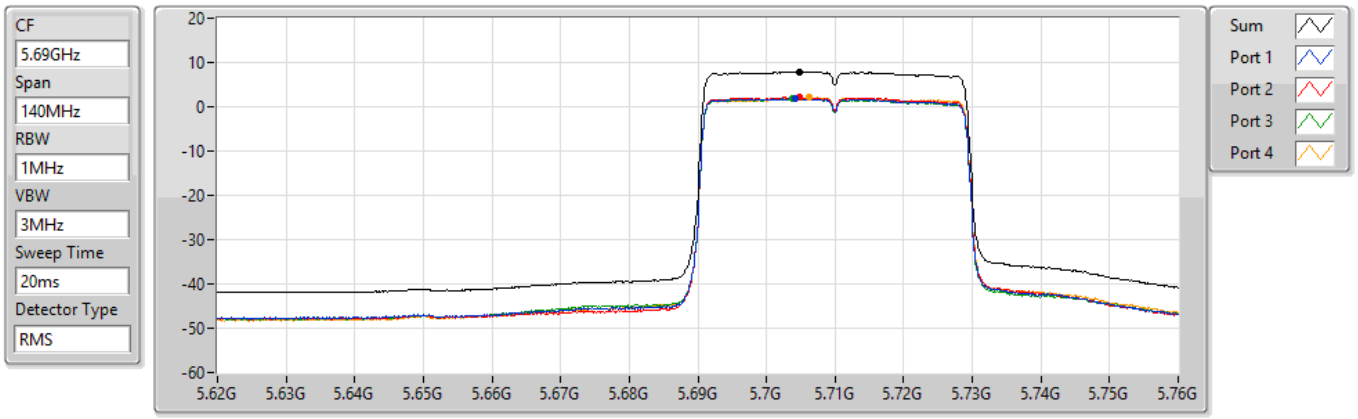
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.98	7.98	2.07	2.16	1.78	2.15

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

5710MHz Straddle 5.47-5.725GHz

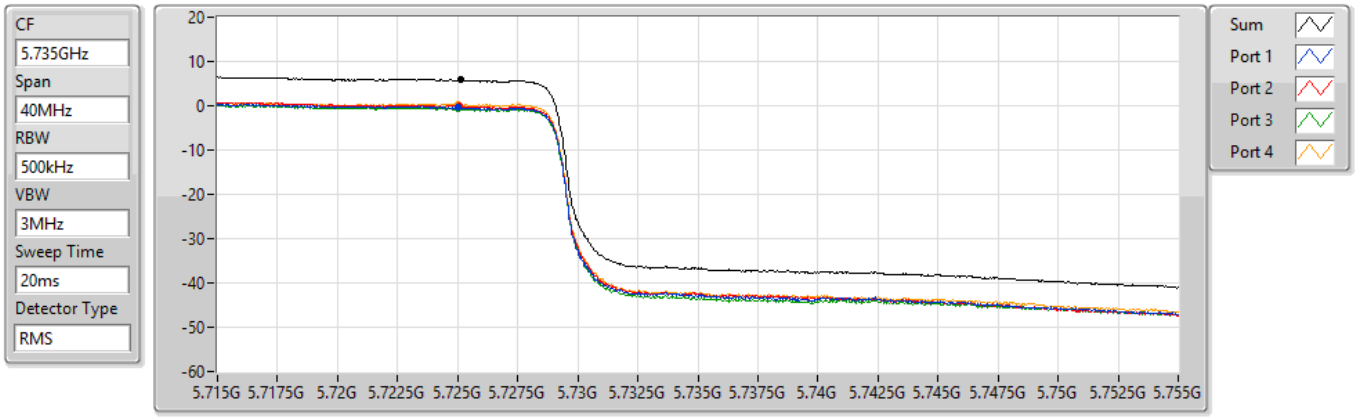


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.94	7.94	1.82	2.10	1.77	2.08

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

5710MHz Straddle 5.725-5.85GHz

03/07/2021

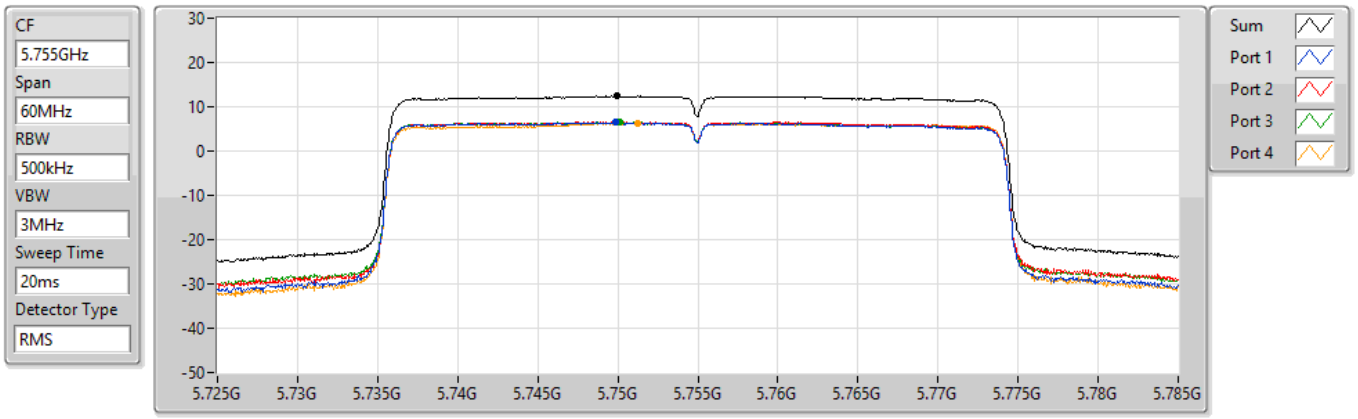


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.81	5.81	-0.37	-0.02	-0.68	0.32

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

5755MHz

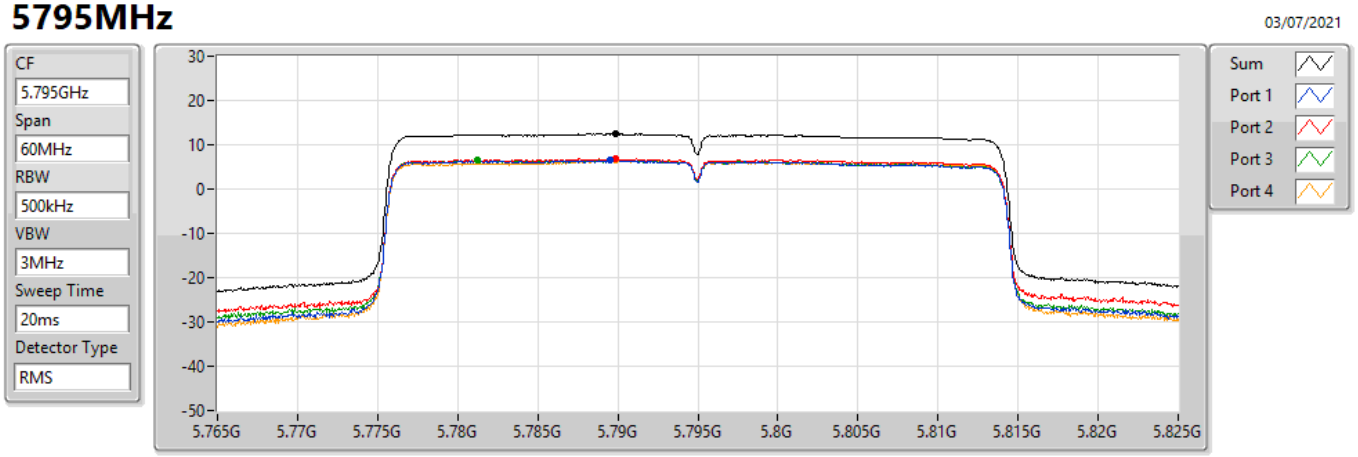
03/07/2021



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	6.42	6.60	6.48	6.33

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

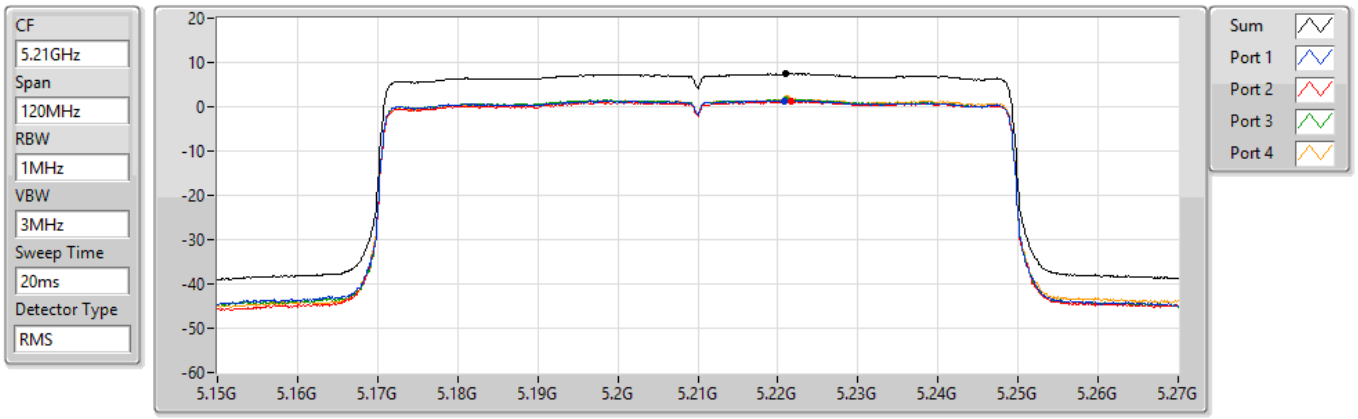
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.52	12.52	6.41	6.89	6.50	6.42

802.11ax HEW80-BF_Nss2,(MCS0)_4TX PSD

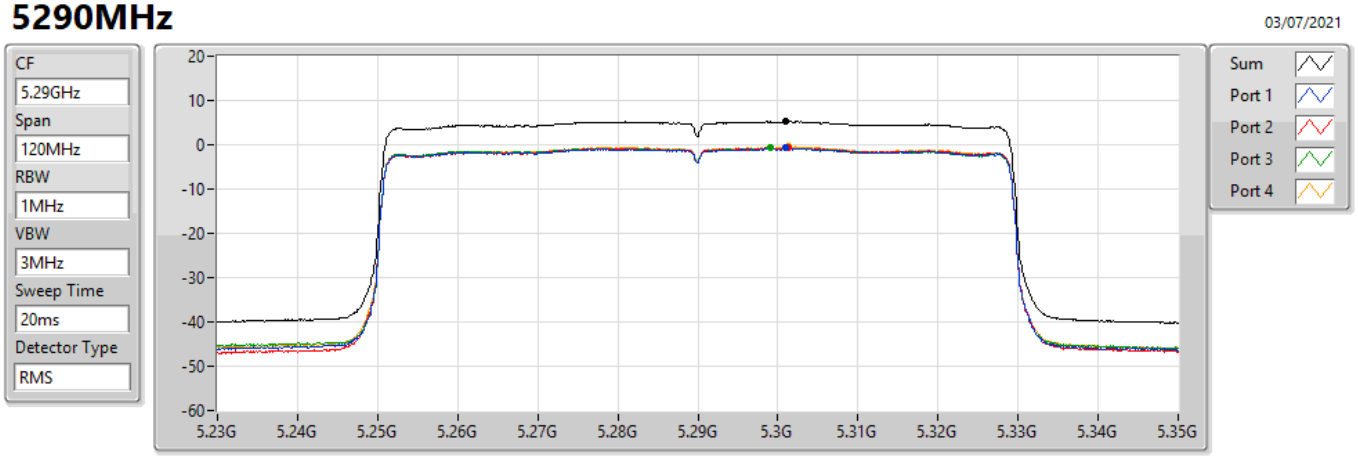
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.48	7.48	1.40	1.26	1.59	1.78

802.11ax HEW80-BF_Nss2,(MCS0)_4TX PSD

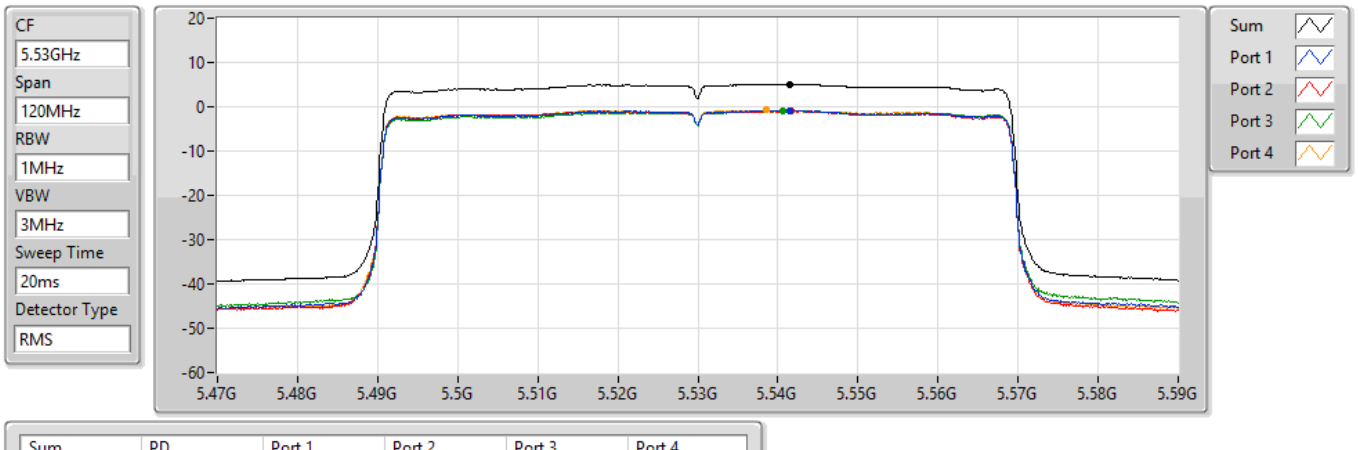
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.30	5.30	-0.77	-0.70	-0.70	-0.39

802.11ax HEW80-BF_Nss2,(MCS0)_4TX PSD

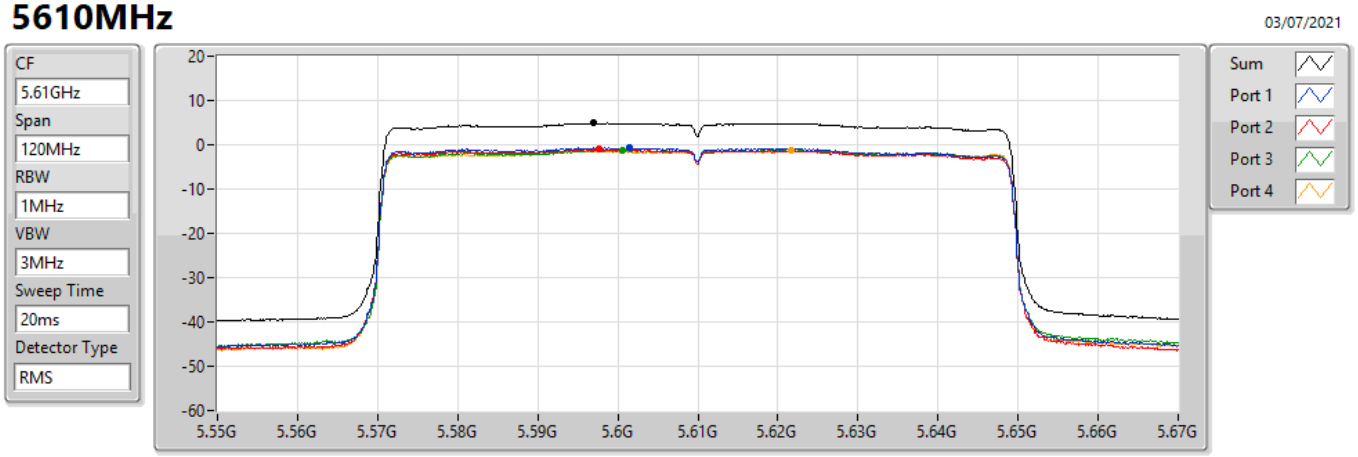
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.10	5.10	-0.85	-0.96	-0.90	-0.74

802.11ax HEW80-BF_Nss2,(MCS0)_4TX PSD

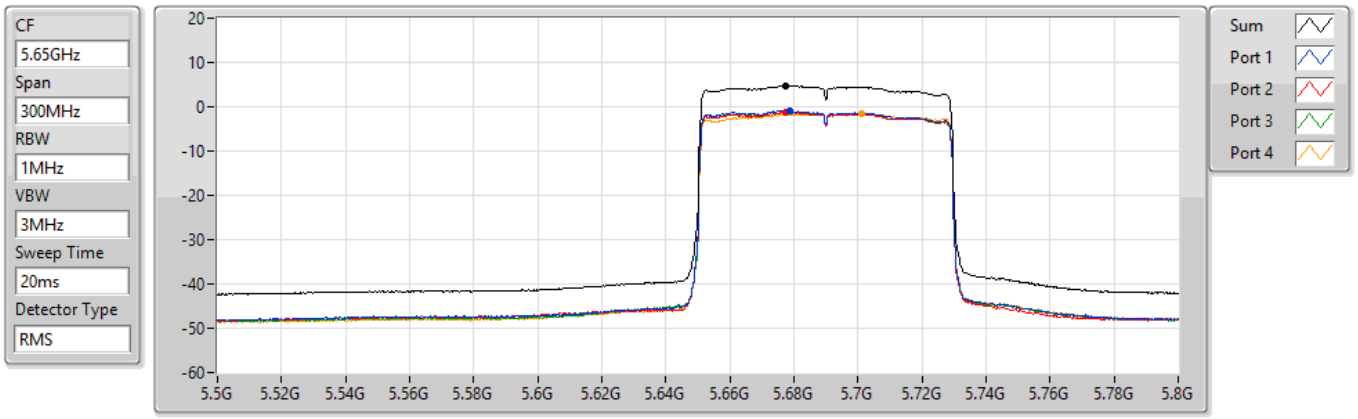
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.87	4.87	-0.66	-0.96	-1.20	-1.38

802.11ax HEW80-BF_Nss2,(MCS0)_4TX PSD

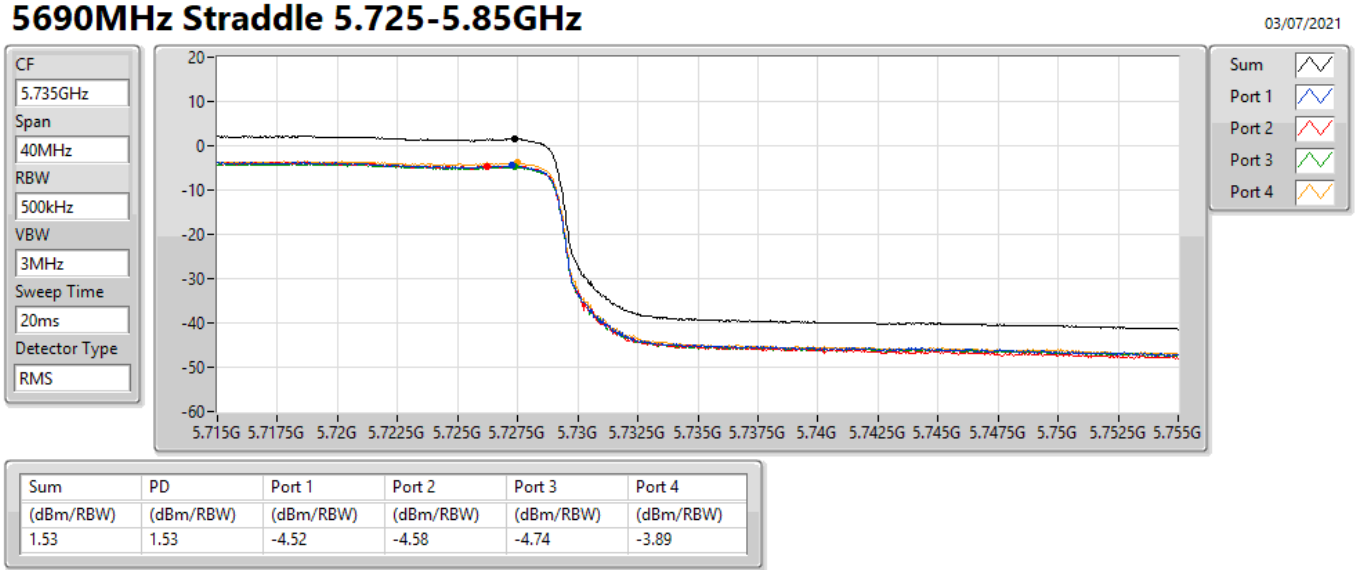
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.73	4.73	-0.88	-1.23	-1.20	-1.52

802.11ax HEW80-BF_Nss2,(MCS0)_4TX PSD

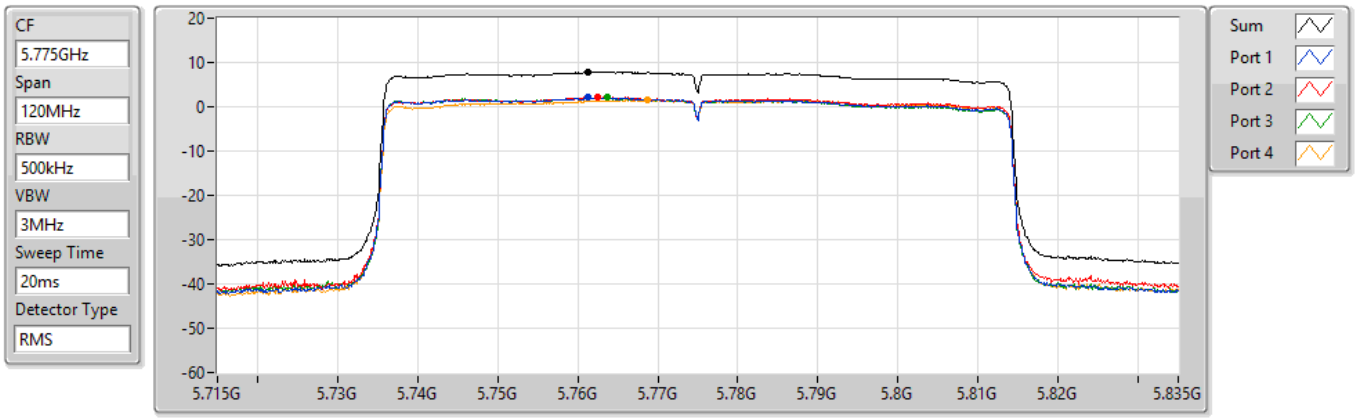
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.53	1.53	-4.52	-4.58	-4.74	-3.89

802.11ax HEW80-BF_Nss2,(MCS0)_4TX PSD

5775MHz

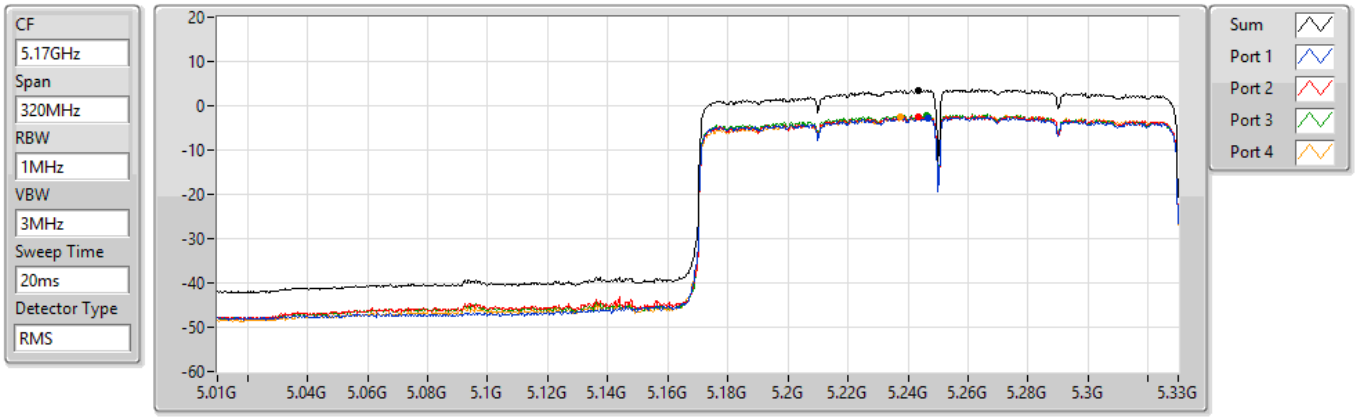


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.92	7.92	2.04	2.17	2.18	1.55

802.11ax HEW160-BF_Nss2,(MCS0)_4TX PSD

5250MHz Straddle 5.15-5.25GHz

03/07/2021

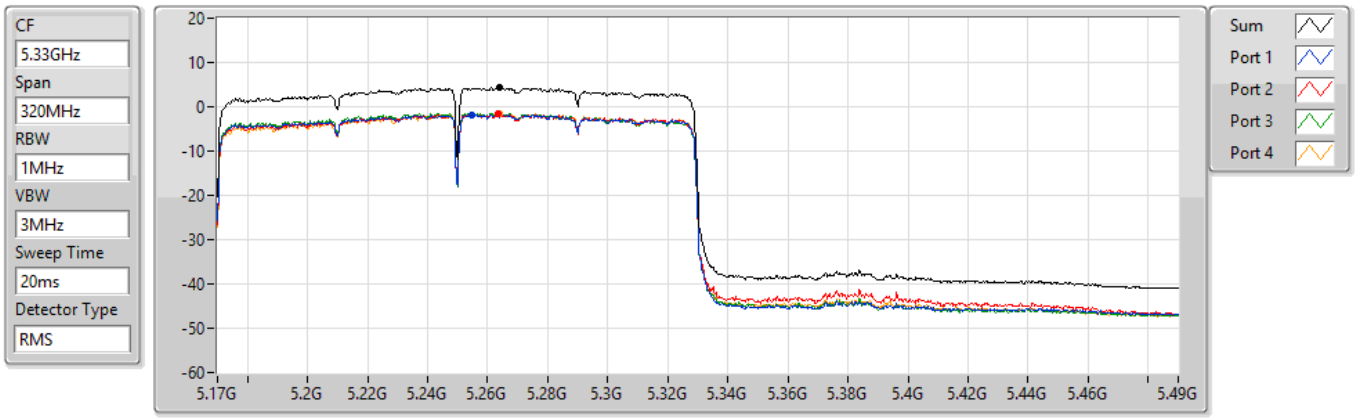


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.51	3.51	-2.71	-2.41	-2.06	-2.51

802.11ax HEW160-BF_Nss2,(MCS0)_4TX PSD

5250MHz Straddle 5.25-5.35GHz

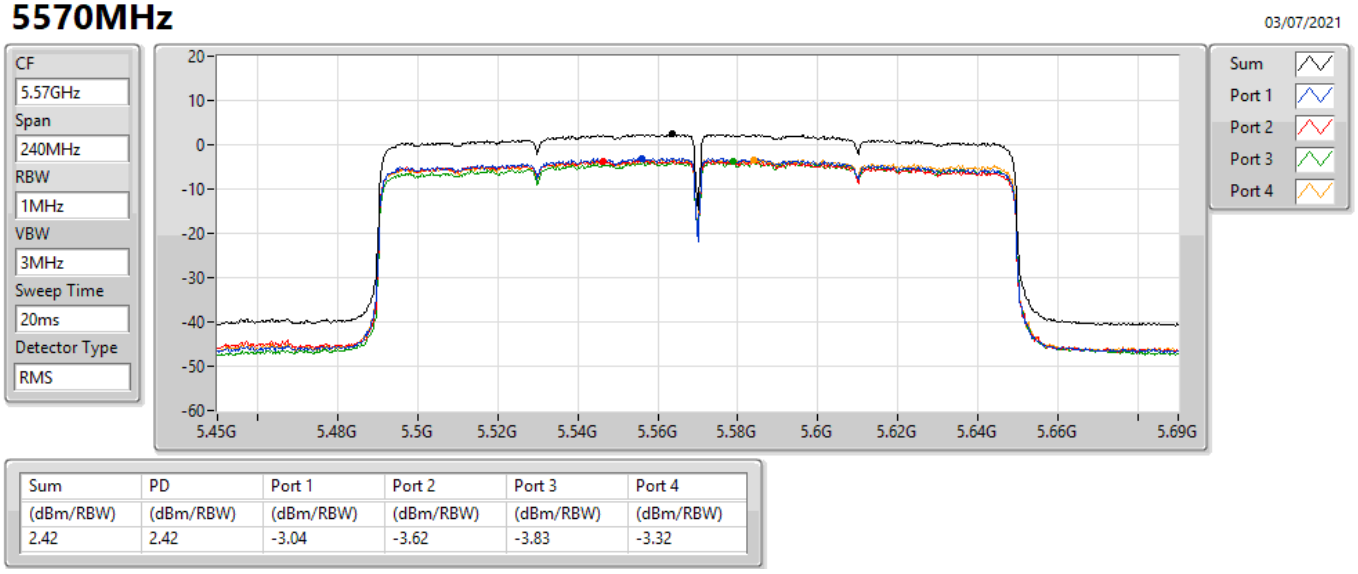
03/07/2021



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	-1.77	-1.66	-1.55	-1.56

802.11ax HEW160-BF_Nss2,(MCS0)_4TX PSD

5570MHz

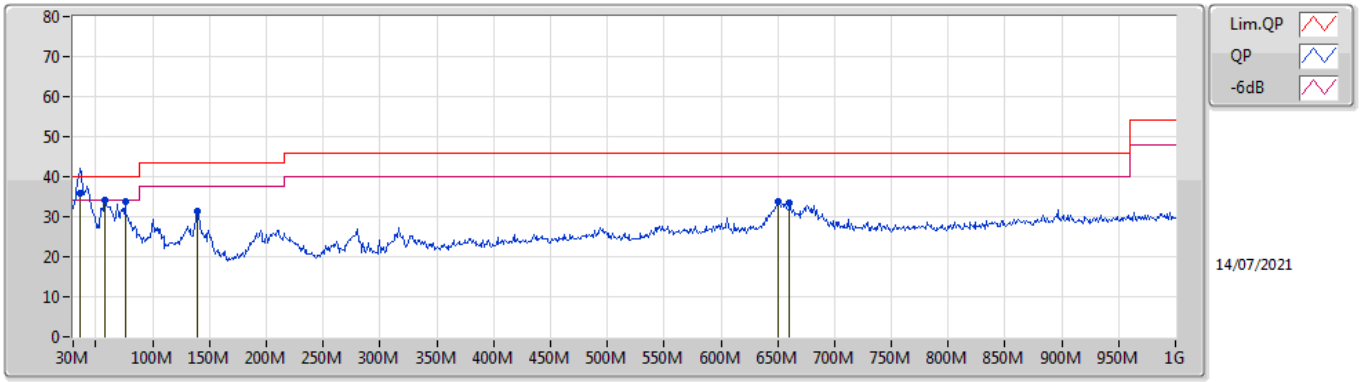


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.42	2.42	-3.04	-3.62	-3.83	-3.32

Summary

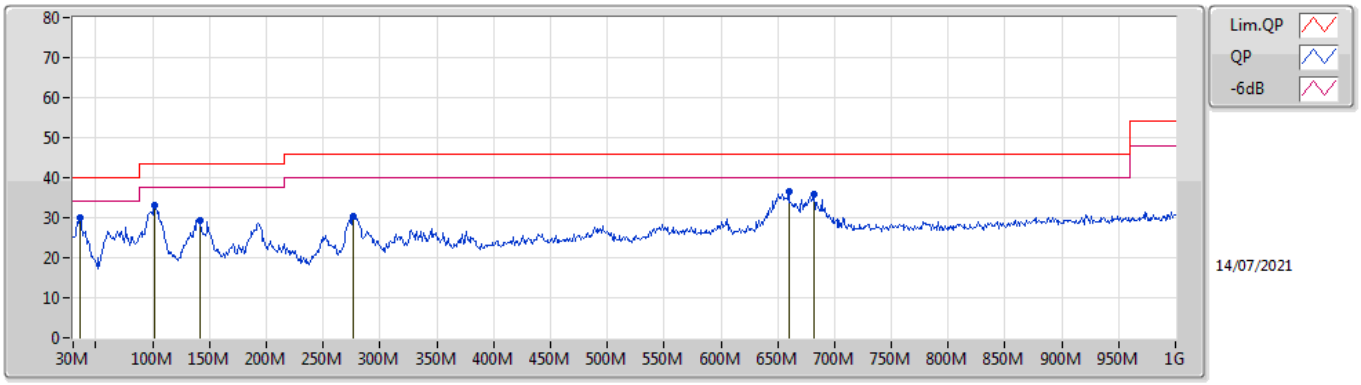
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	QP	35.82M	35.96	40.00	-4.04	Vertical

Mode 3



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	35.82M	35.96	40.00	-4.04	-10.09	3	Vertical	192	1.00	"Worst"	46.05	20.99	0.52	31.60
PK	58.13M	34.02	40.00	-5.98	-18.74	3	Vertical	27	1.00	-	52.76	12.33	0.76	31.83
PK	75.59M	33.96	40.00	-6.04	-18.68	3	Vertical	210	2.00	-	52.64	12.32	0.90	31.90
PK	139.61M	31.27	43.50	-12.23	-13.75	3	Vertical	238	1.25	-	45.02	16.91	1.30	31.96
PK	650.8M	33.67	46.00	-12.33	-4.68	3	Vertical	143	1.00	-	38.35	24.56	3.30	32.54
PK	660.5M	33.61	46.00	-12.39	-4.69	3	Vertical	143	1.00	-	38.30	24.53	3.34	32.56

Mode 3



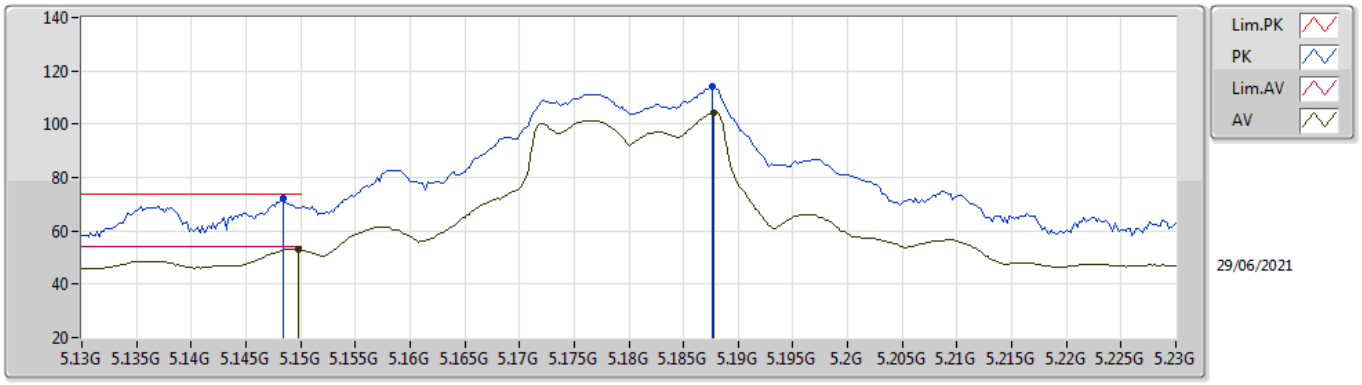
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	35.82M	30.17	40.00	-9.83	-10.09	3	Horizontal	237	1.00	-	40.26	20.99	0.52	31.60
PK	101.78M	33.01	43.50	-10.49	-13.83	3	Horizontal	134	3.00	-	46.84	16.93	1.12	31.88
PK	141.55M	29.46	43.50	-14.04	-13.78	3	Horizontal	87	2.00	-	43.24	16.87	1.31	31.96
PK	276.38M	30.29	46.00	-15.71	-11.41	3	Horizontal	0	1.00	-	41.70	18.58	2.06	32.05
PK	659.53M	36.40	46.00	-9.60	-4.69	3	Horizontal	230	1.25	"Worst"	41.09	24.53	3.34	32.56
PK	681.84M	35.81	46.00	-10.19	-4.59	3	Horizontal	230	1.25	-	40.40	24.59	3.43	32.61

For 4T1S and 4T2S
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	AV	5.35G	53.97	54.00	-0.03	3	Vertical	158	2.17	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

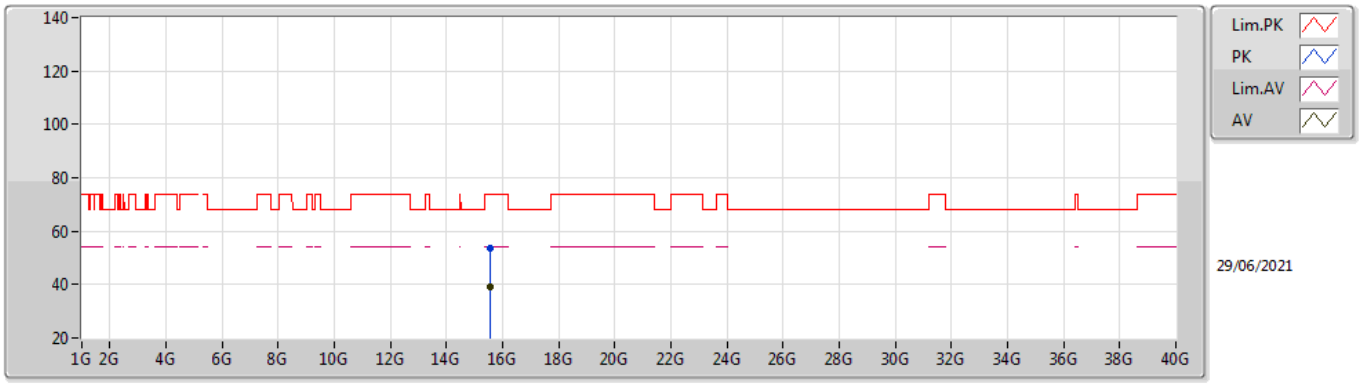


EUT Z_4TX_Dipole
Setting 101
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1484G	72.03	74.00	-1.97	65.26	3	Vertical	275.7	1.45	-	33.50	5.00	31.73
AV	5.1498G	53.01	54.00	-0.99	46.24	3	Vertical	275.7	1.45	-	33.50	5.00	31.73
PK	5.1876G	113.92	Inf	-Inf	107.04	3	Vertical	275.7	1.45	-	33.50	5.08	31.70
AV	5.1878G	104.34	Inf	-Inf	97.46	3	Vertical	275.7	1.45	-	33.50	5.08	31.70

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

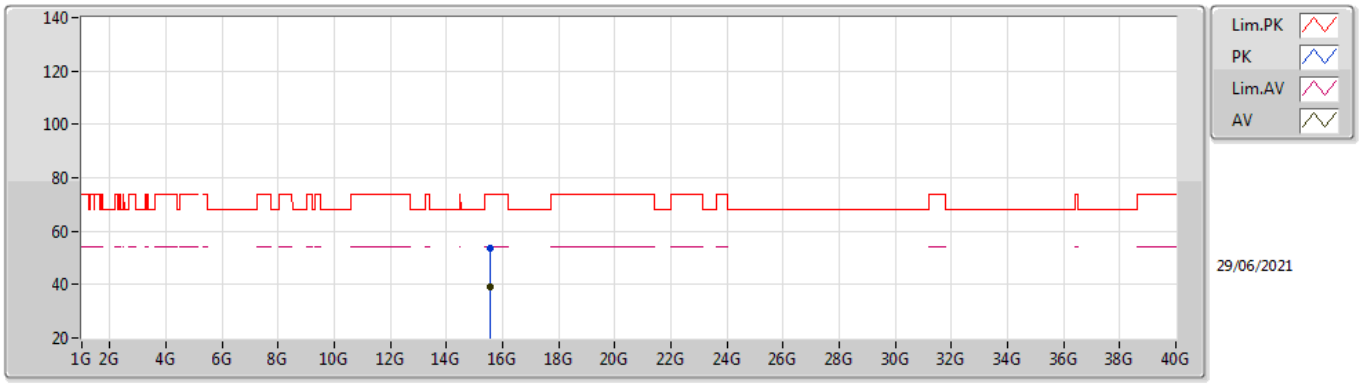


EUT Z_4TX_Dipole
Setting 101
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.539G	53.53	74.00	-20.47	39.55	3	Vertical	275.7	1.45	-	37.78	9.04	32.84
AV	15.5424G	39.30	54.00	-14.70	25.33	3	Vertical	275.7	1.45	-	37.77	9.04	32.84

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

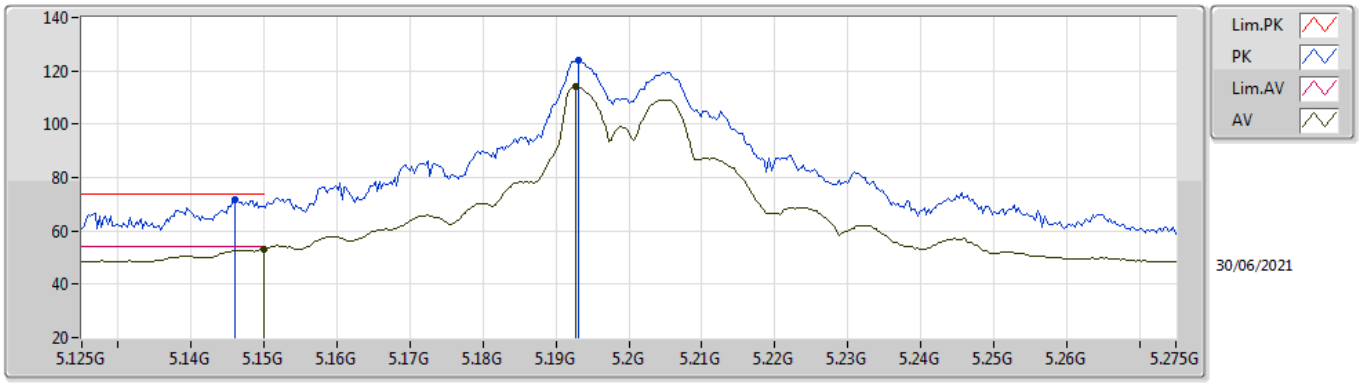


EUT Z_4TX_Dipole
Setting 101
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.54238G	53.64	74.00	-20.36	39.67	3	Horizontal	251.4	1.39	-	37.77	9.04	32.84
AV	15.54022G	39.37	54.00	-14.63	25.39	3	Horizontal	251.4	1.39	-	37.78	9.04	32.84

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

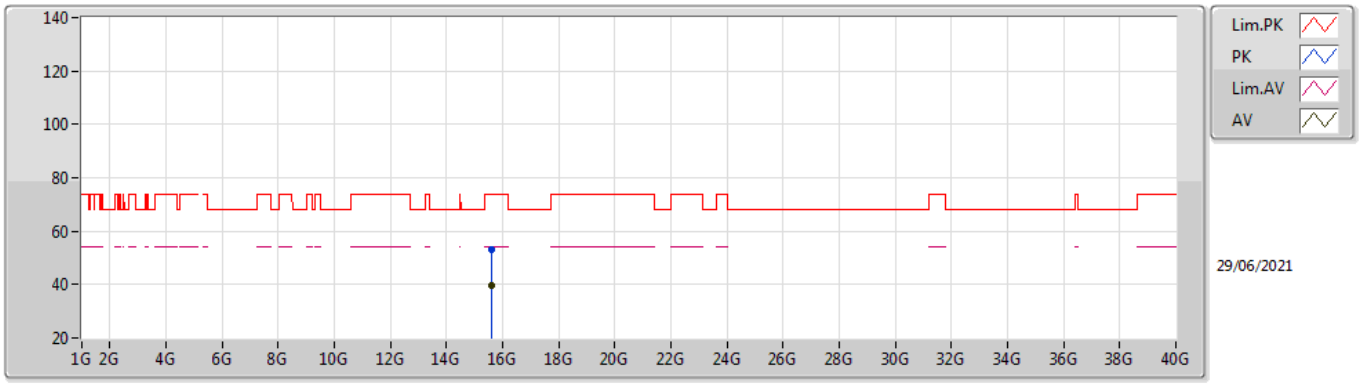


EUT Z_4TX_Dipole
Setting 107
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.146G	71.51	74.00	-2.49	64.75	3	Vertical	37	2.00	-	33.50	4.99	31.73
AV	5.1499G	53.20	54.00	-0.80	46.43	3	Vertical	37	2.00	-	33.50	5.00	31.73
PK	5.1931G	123.82	Inf	-Inf	116.93	3	Vertical	37	2.00	-	33.50	5.09	31.70
AV	5.1928G	113.97	Inf	-Inf	107.08	3	Vertical	37	2.00	-	33.50	5.09	31.70

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

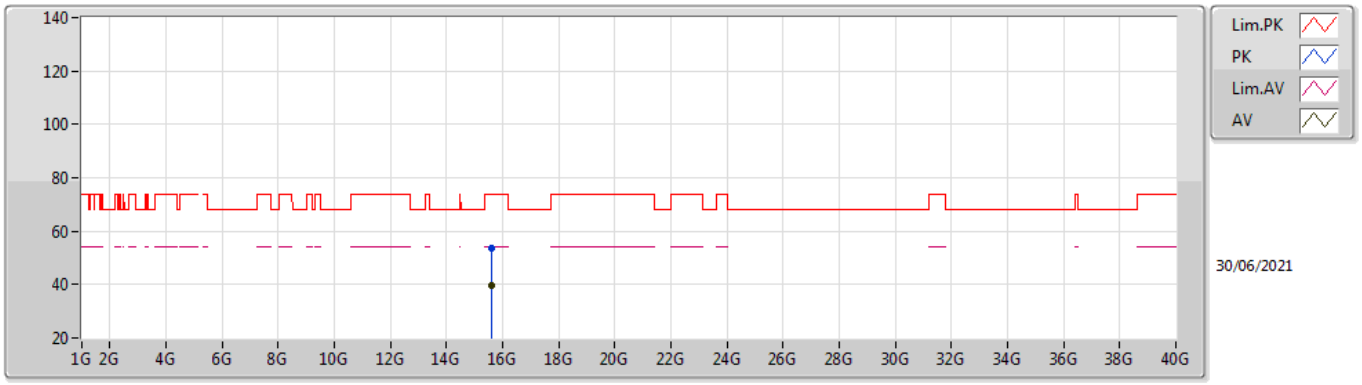


EUT Z_4TX_Dipole
Setting 107
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.60354G	53.13	74.00	-20.87	39.33	3	Vertical	343.1	1.81	-	37.59	9.06	32.85
AV	15.59704G	39.56	54.00	-14.44	25.74	3	Vertical	343.1	1.81	-	37.61	9.06	32.85

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

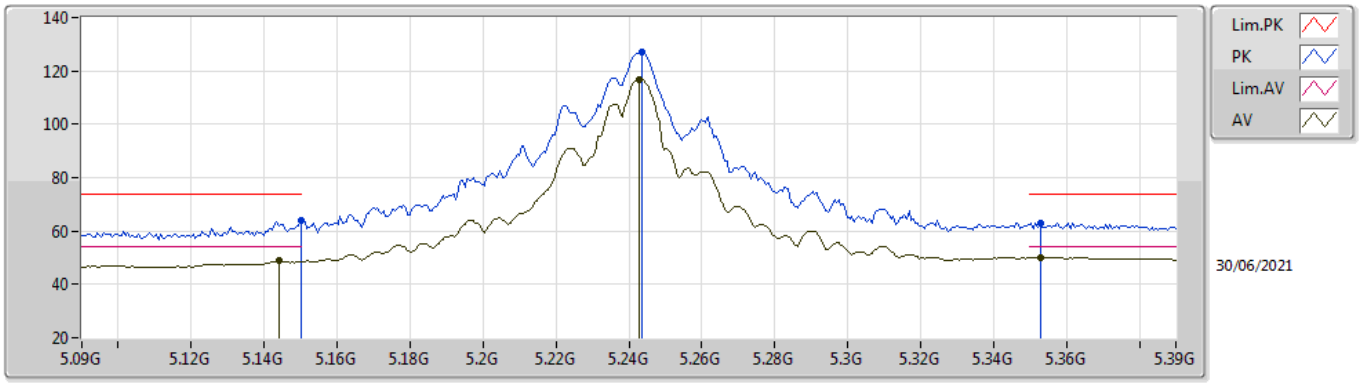


EUT Z_4TX_Dipole
Setting 107
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.59734G	53.40	74.00	-20.60	39.58	3	Horizontal	35	1.80	-	37.61	9.06	32.85
AV	15.59682G	39.44	54.00	-14.56	25.62	3	Horizontal	35	1.80	-	37.61	9.06	32.85

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

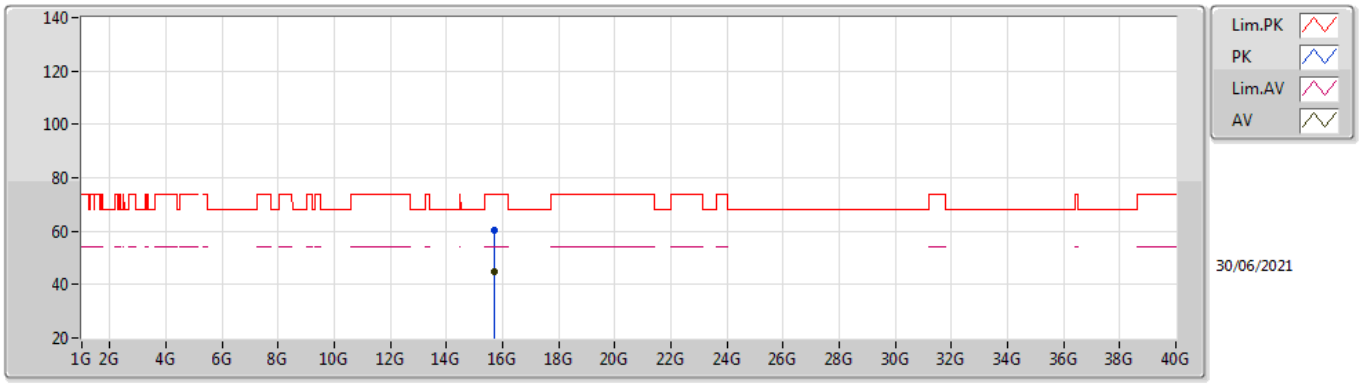


EUT Z_4TX_Dipole
Setting 120
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	63.94	74.00	-10.06	57.17	3	Vertical	203	1.98	-	33.50	5.00	31.73
AV	5.144G	48.81	54.00	-5.19	42.05	3	Vertical	203	1.98	-	33.50	4.99	31.73
PK	5.2436G	126.90	Inf	-Inf	119.89	3	Vertical	203	1.98	-	33.59	5.08	31.66
AV	5.243G	116.91	Inf	-Inf	109.90	3	Vertical	203	1.98	-	33.59	5.08	31.66
PK	5.3528G	63.13	74.00	-10.87	55.98	3	Vertical	203	1.98	-	33.71	5.02	31.58
AV	5.3528G	50.14	54.00	-3.86	42.99	3	Vertical	203	1.98	-	33.71	5.02	31.58

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

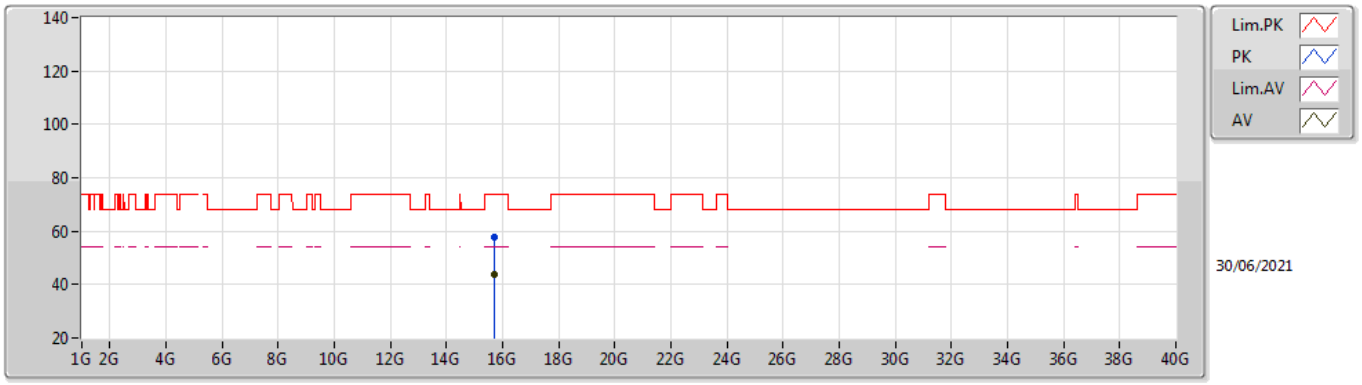


EUT Z_4TX_Dipole
Setting 120
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.71931G	60.54	74.00	-13.46	46.90	3	Vertical	305	1.80	-	37.40	9.10	32.86
AV	15.71923G	44.96	54.00	-9.04	31.32	3	Vertical	305	1.80	-	37.40	9.10	32.86

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

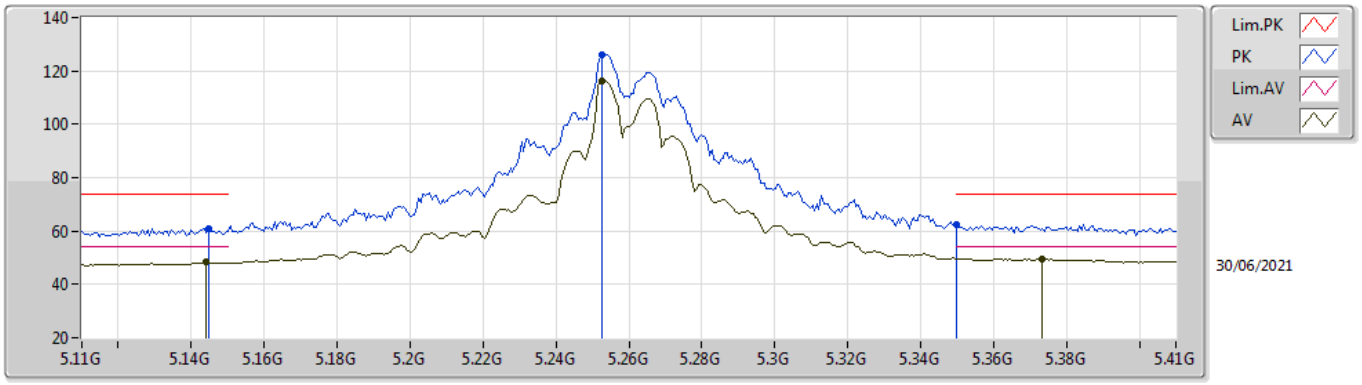


EUT Z_4TX_Dipole
Setting 120
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.72414G	57.92	74.00	-16.08	44.28	3	Horizontal	114	1.98	-	37.40	9.10	32.86
AV	15.72392G	43.72	54.00	-10.28	30.08	3	Horizontal	114	1.98	-	37.40	9.10	32.86

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

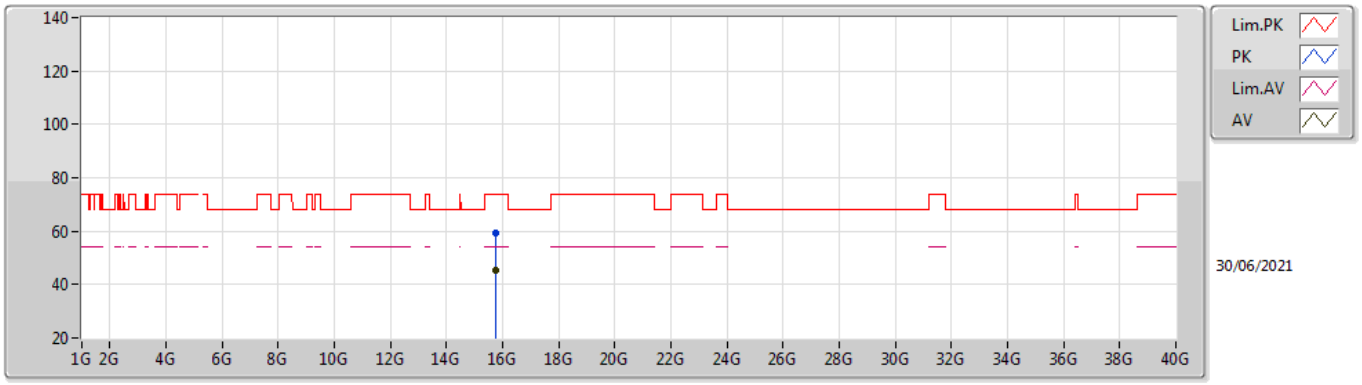


EUT Z_4TX_Dipole
Setting 120
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1448G	61.04	74.00	-12.96	54.28	3	Vertical	35	1.97	-	33.50	4.99	31.73
AV	5.1442G	48.22	54.00	-5.78	41.46	3	Vertical	35	1.97	-	33.50	4.99	31.73
PK	5.2528G	126.13	Inf	-Inf	119.10	3	Vertical	35	1.97	-	33.61	5.07	31.65
AV	5.2528G	116.34	Inf	-Inf	109.31	3	Vertical	35	1.97	-	33.61	5.07	31.65
PK	5.35G	62.62	74.00	-11.38	55.47	3	Vertical	35	1.97	-	33.70	5.03	31.58
AV	5.3734G	49.54	54.00	-4.46	42.34	3	Vertical	35	1.97	-	33.75	5.01	31.56

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

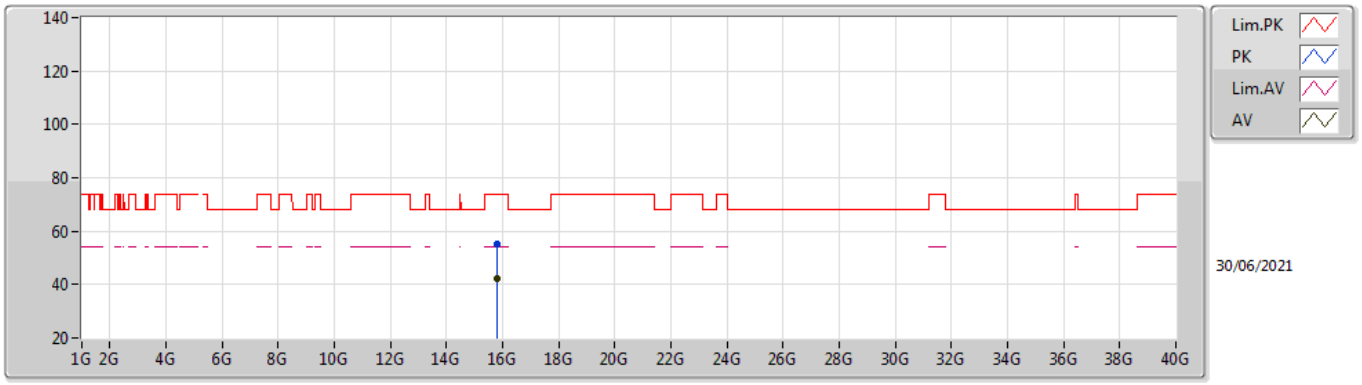


EUT Z_4TX_Dipole
Setting 120
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.7773G	59.13	74.00	-14.87	45.47	3	Vertical	316	1.80	-	37.40	9.12	32.86
AV	15.7765G	45.29	54.00	-8.71	31.63	3	Vertical	316	1.80	-	37.40	9.12	32.86

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

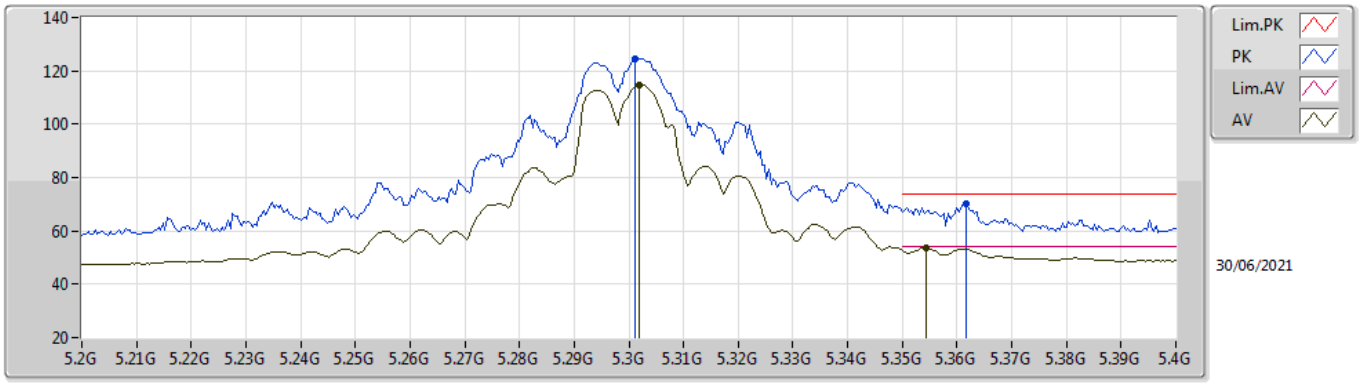


EUT Z_4TX_Dipole
Setting 120
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.786G	55.25	74.00	-18.75	41.58	3	Horizontal	143	1.98	-	37.40	9.13	32.86
AV	15.7865G	42.02	54.00	-11.98	28.35	3	Horizontal	143	1.98	-	37.40	9.13	32.86

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

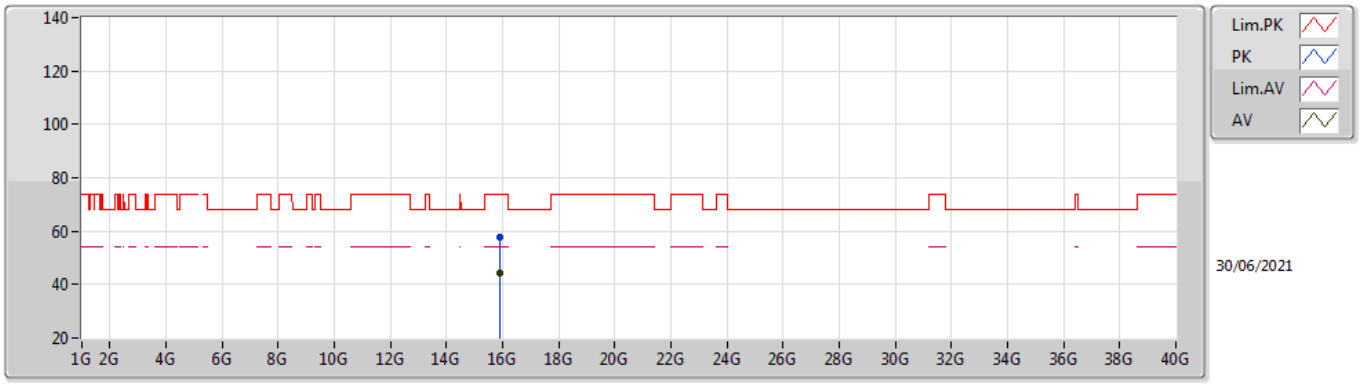


EUT Z_4TX_Dipole
Setting 112
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3012G	124.43	Inf	-Inf	117.30	3	Vertical	147	1.88	-	33.70	5.05	31.62
AV	5.302G	114.76	Inf	-Inf	107.63	3	Vertical	147	1.88	-	33.70	5.05	31.62
PK	5.3616G	70.03	74.00	-3.97	62.86	3	Vertical	147	1.88	-	33.72	5.02	31.57
AV	5.3544G	53.53	54.00	-0.47	46.38	3	Vertical	147	1.88	-	33.71	5.02	31.58

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

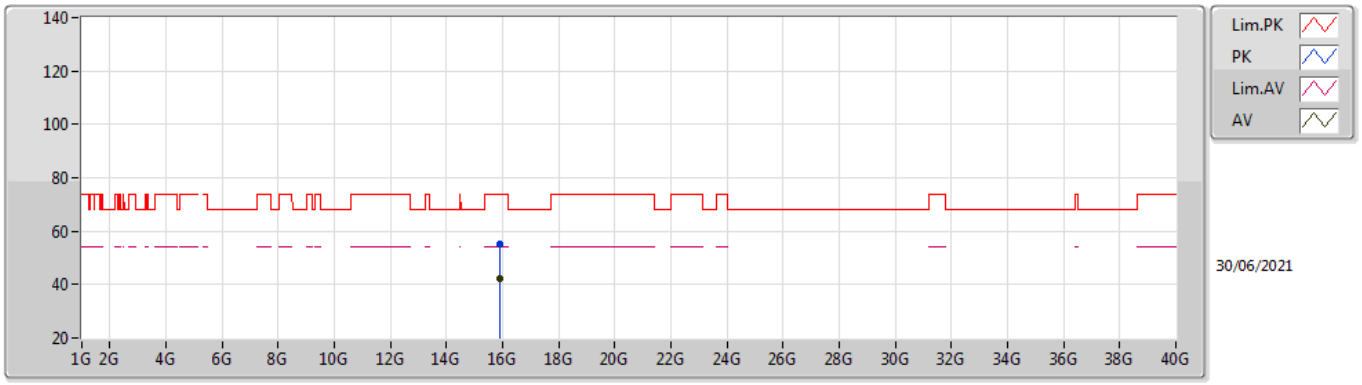


EUT Z_4TX_Dipole
Setting 112
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.9078G	57.54	74.00	-16.46	43.75	3	Vertical	216	1.84	-	37.49	9.17	32.87
AV	15.9081G	44.34	54.00	-9.66	30.55	3	Vertical	216	1.84	-	37.49	9.17	32.87

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

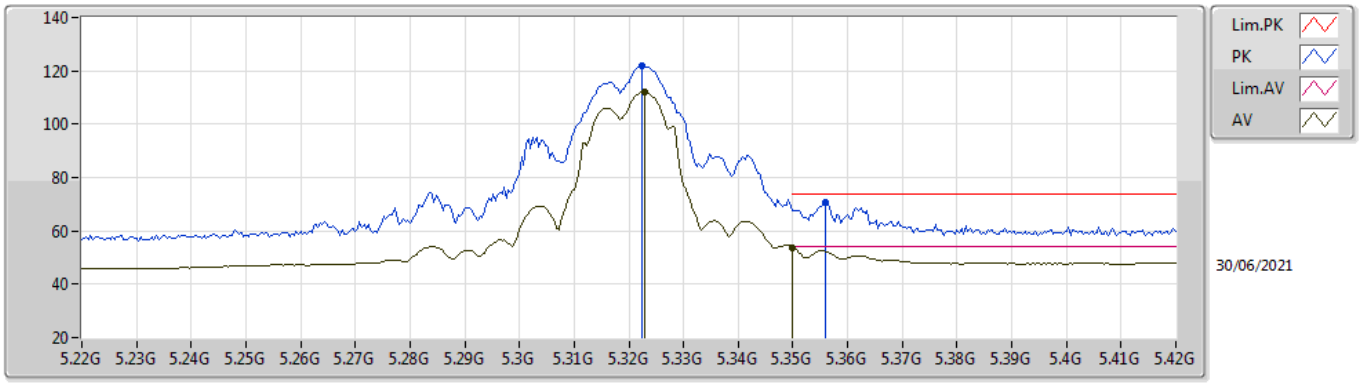


EUT Z_4TX_Dipole
Setting 112
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.9071G	55.40	74.00	-18.60	41.61	3	Horizontal	91	1.92	-	37.49	9.17	32.87
AV	15.9068G	42.17	54.00	-11.83	28.38	3	Horizontal	91	1.92	-	37.49	9.17	32.87

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

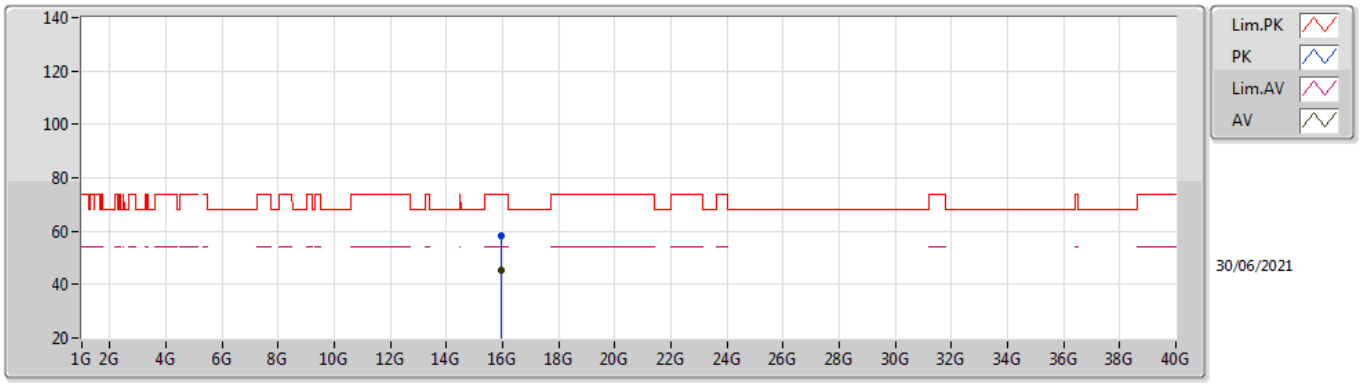


EUT Z_4TX_Dipole
Setting 95
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3224G	121.87	Inf	-Inf	114.73	3	Vertical	202	2.22	-	33.70	5.04	31.60
AV	5.3228G	112.04	Inf	-Inf	104.90	3	Vertical	202	2.22	-	33.70	5.04	31.60
PK	5.356G	70.62	74.00	-3.38	63.47	3	Vertical	202	2.22	-	33.71	5.02	31.58
AV	5.35G	53.70	54.00	-0.30	46.55	3	Vertical	202	2.22	-	33.70	5.03	31.58

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

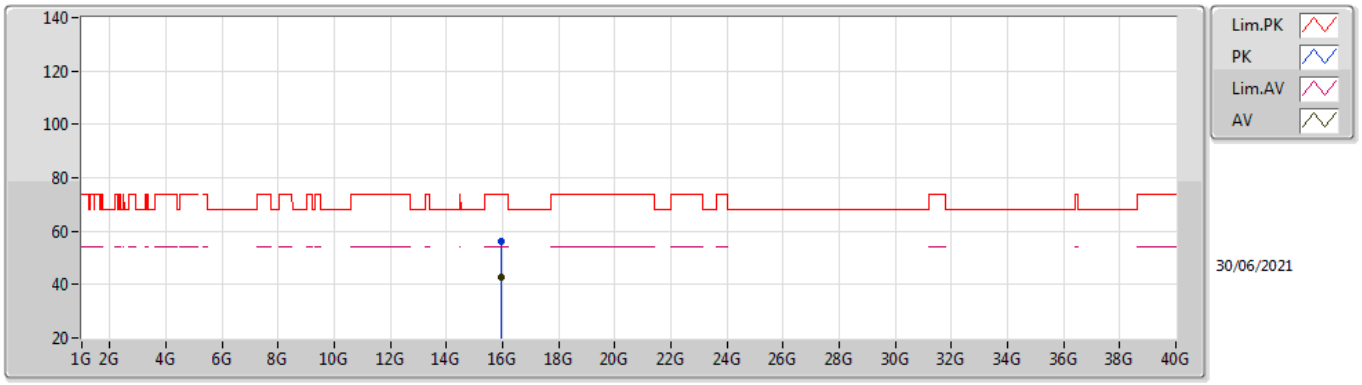


EUT Z_4TX_Dipole
Setting 95
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.964G	58.10	74.00	-15.90	44.35	3	Vertical	201	1.69	-	37.44	9.19	32.88
AV	15.9623G	45.31	54.00	-8.69	31.56	3	Vertical	201	1.69	-	37.44	9.19	32.88

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

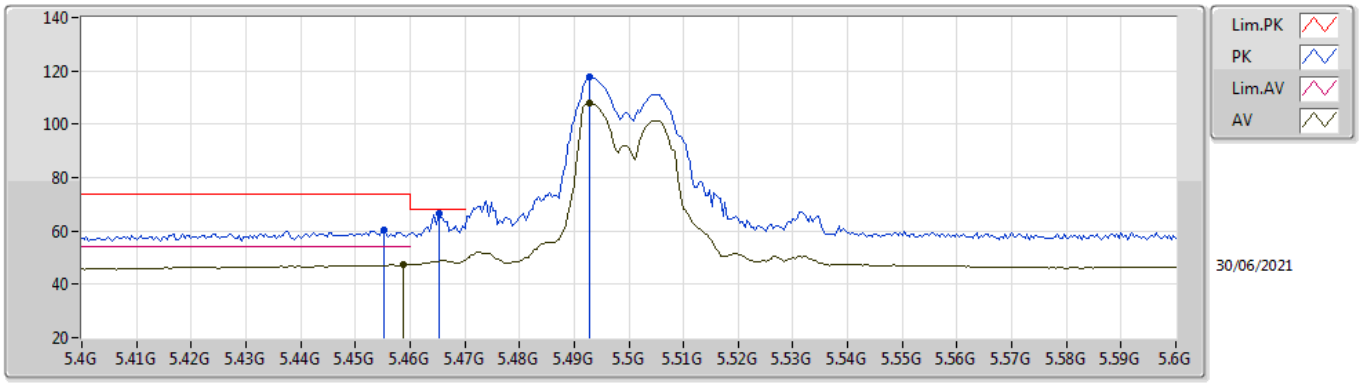


EUT Z_4TX_Dipole
Setting 95
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.9653G	56.06	74.00	-17.94	42.32	3	Horizontal	90	1.97	-	37.43	9.19	32.88
AV	15.9651G	42.92	54.00	-11.08	29.18	3	Horizontal	90	1.97	-	37.43	9.19	32.88

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

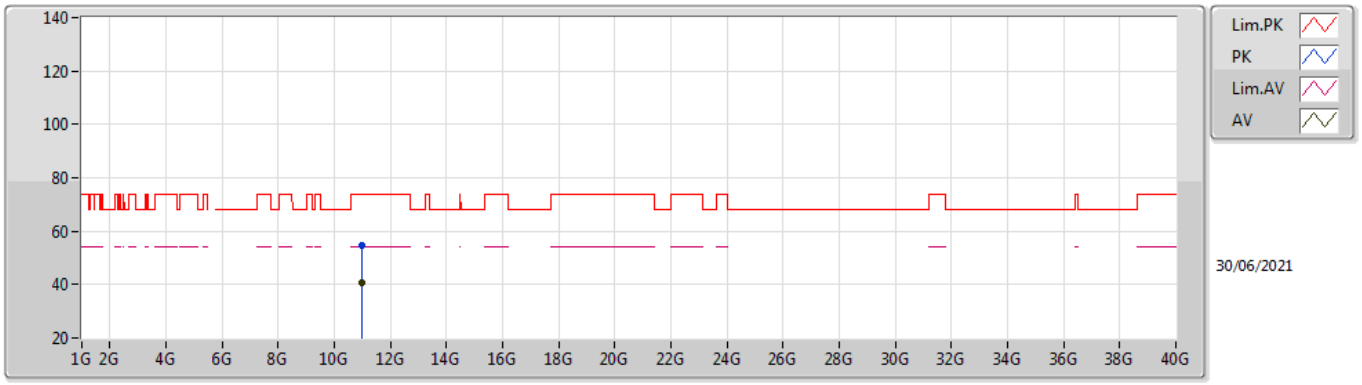


EUT Z_4TX_Dipole
Setting 78
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4552G	60.09	74.00	-13.91	52.63	3	Vertical	31	2.05	-	33.90	5.06	31.50
AV	5.4588G	47.24	54.00	-6.76	39.78	3	Vertical	31	2.05	-	33.90	5.06	31.50
PK	5.4652G	66.42	68.20	-1.78	58.95	3	Vertical	31	2.05	-	33.90	5.07	31.50
PK	5.4928G	117.57	Inf	-Inf	110.06	3	Vertical	31	2.05	-	33.90	5.09	31.48
AV	5.4928G	108.11	Inf	-Inf	100.60	3	Vertical	31	2.05	-	33.90	5.09	31.48

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

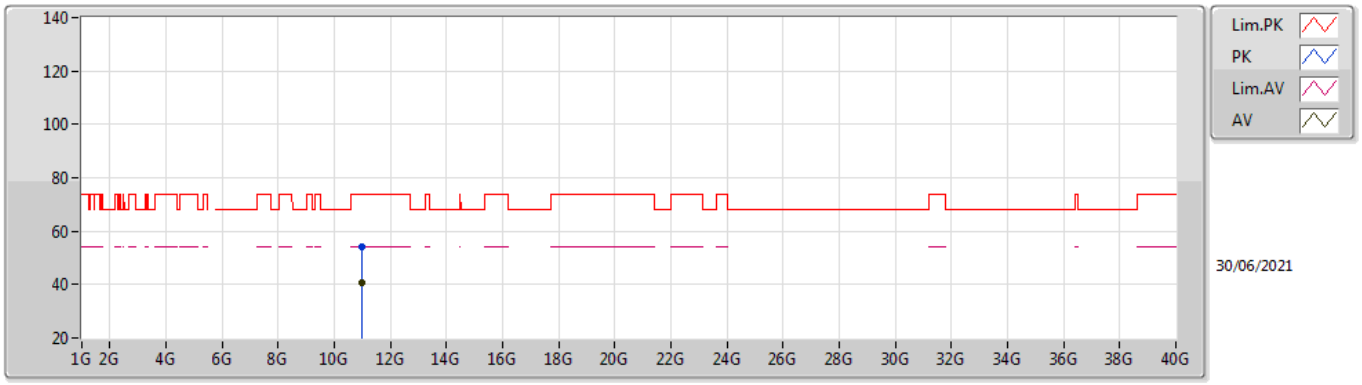


EUT Z_4TX_Dipole
Setting 78
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.0049G	54.54	74.00	-19.46	41.35	3	Vertical	295	1.87	-	38.50	7.45	32.76
AV	11.005G	40.81	54.00	-13.19	27.61	3	Vertical	295	1.87	-	38.51	7.45	32.76

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

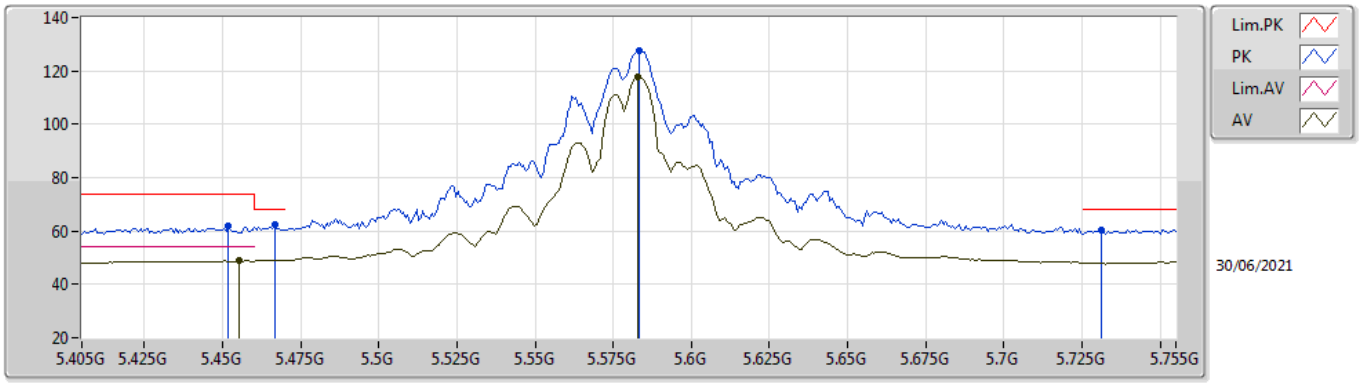


EUT Z_4TX_Dipole
Setting 78
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.0072G	53.91	74.00	-20.09	40.71	3	Horizontal	297	1.95	-	38.51	7.45	32.76
AV	11.0048G	40.75	54.00	-13.25	27.56	3	Horizontal	297	1.95	-	38.50	7.45	32.76

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

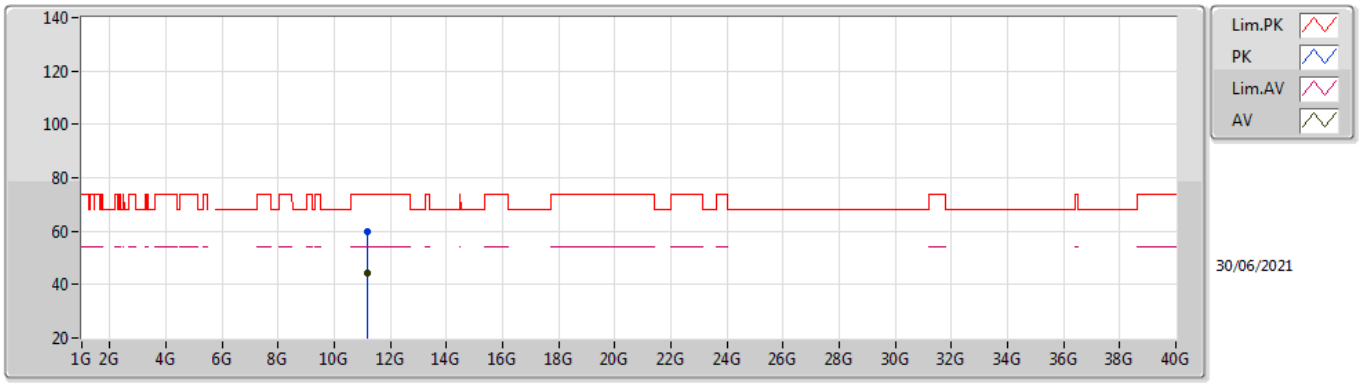


EUT Z_4TX_Dipole
Setting 78
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4519G	61.80	74.00	-12.20	54.36	3	Vertical	205	2.17	-	33.90	5.05	31.51
AV	5.4554G	48.83	54.00	-5.17	41.37	3	Vertical	205	2.17	-	33.90	5.06	31.50
PK	5.4666G	62.50	68.20	-5.70	55.02	3	Vertical	205	2.17	-	33.90	5.07	31.49
PK	5.5835G	127.71	Inf	-Inf	120.10	3	Vertical	205	2.17	-	33.90	5.18	31.47
AV	5.5828G	117.63	Inf	-Inf	110.02	3	Vertical	205	2.17	-	33.90	5.18	31.47
PK	5.7312G	60.46	68.20	-7.74	53.09	3	Vertical	205	2.17	-	33.76	5.07	31.46

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

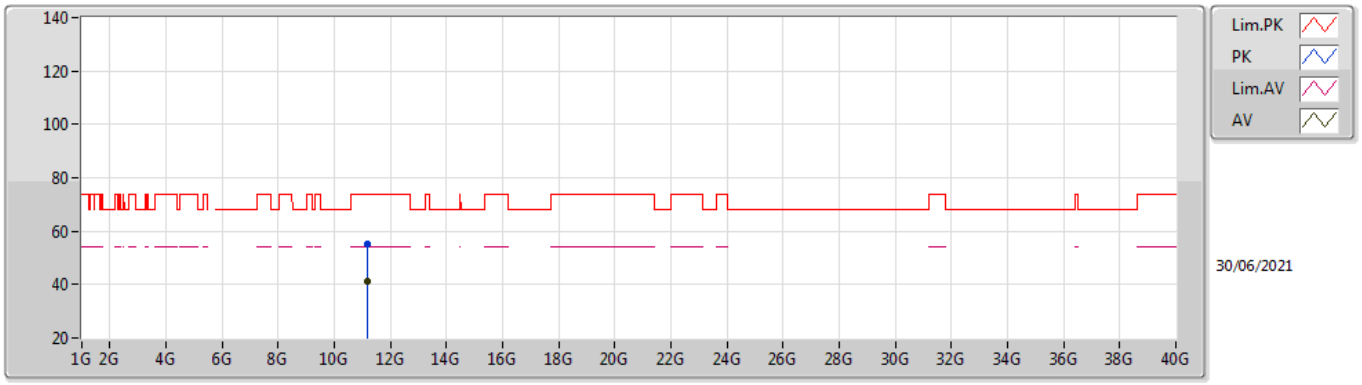


EUT Z_4TX_Dipole
Setting 78
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.1578G	59.79	74.00	-14.21	46.43	3	Vertical	152	2.40	-	38.66	7.51	32.81
AV	11.1583G	44.50	54.00	-9.50	31.14	3	Vertical	152	2.40	-	38.66	7.51	32.81

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

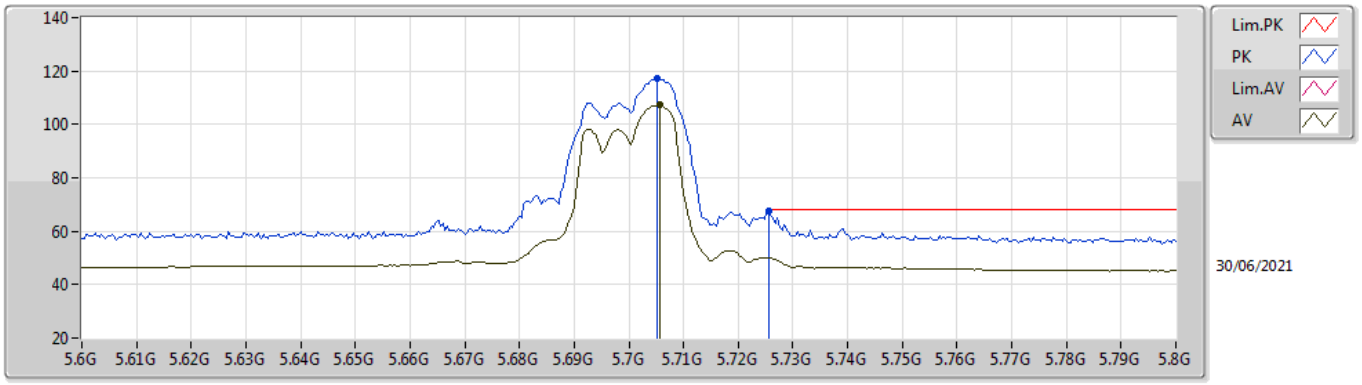


EUT Z_4TX_Dipole
Setting 78
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.1649G	55.04	74.00	-18.96	41.69	3	Horizontal	297	1.65	-	38.66	7.51	32.82
AV	11.1649G	41.43	54.00	-12.57	28.08	3	Horizontal	297	1.65	-	38.66	7.51	32.82

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

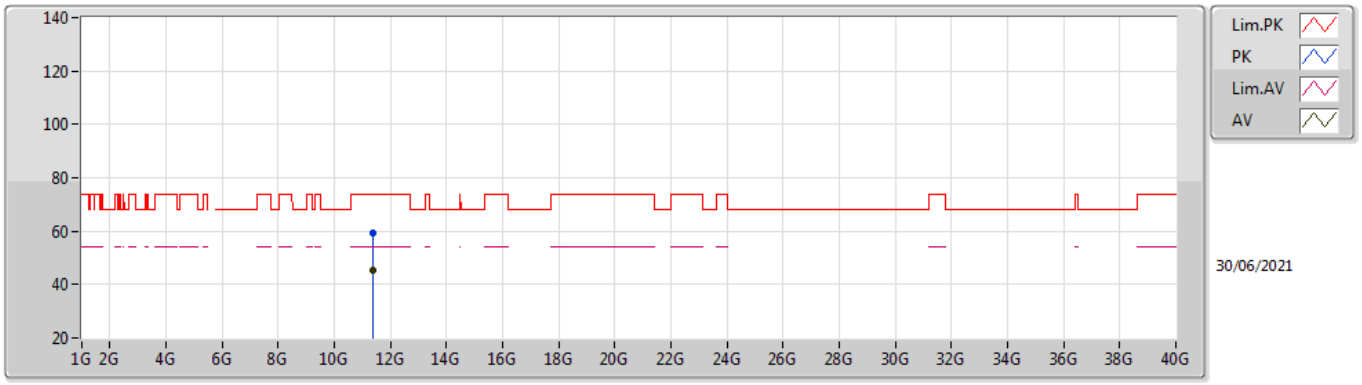


EUT Z_4TX_Dipole
Setting 76
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7052G	117.10	Inf	-Inf	109.76	3	Vertical	11	1.97	-	33.71	5.09	31.46
AV	5.7056G	107.27	Inf	-Inf	99.93	3	Vertical	11	1.97	-	33.71	5.09	31.46
PK	5.7256G	67.77	68.20	-0.43	60.41	3	Vertical	11	1.97	-	33.75	5.07	31.46

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

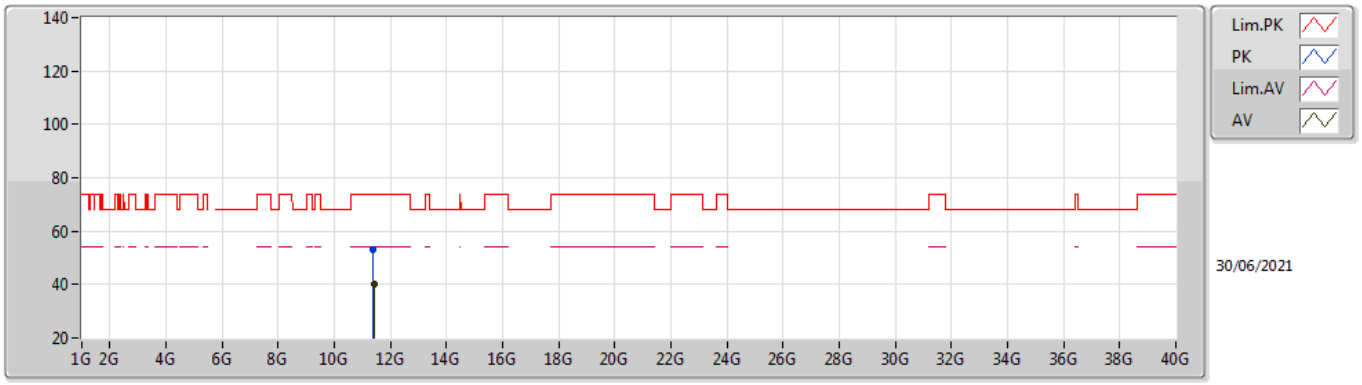


EUT Z_4TX_Dipole
Setting 76
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4011G	59.35	74.00	-14.65	45.86	3	Vertical	94	1.22	-	38.80	7.59	32.90
AV	11.4006G	45.52	54.00	-8.48	32.03	3	Vertical	94	1.22	-	38.80	7.59	32.90

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

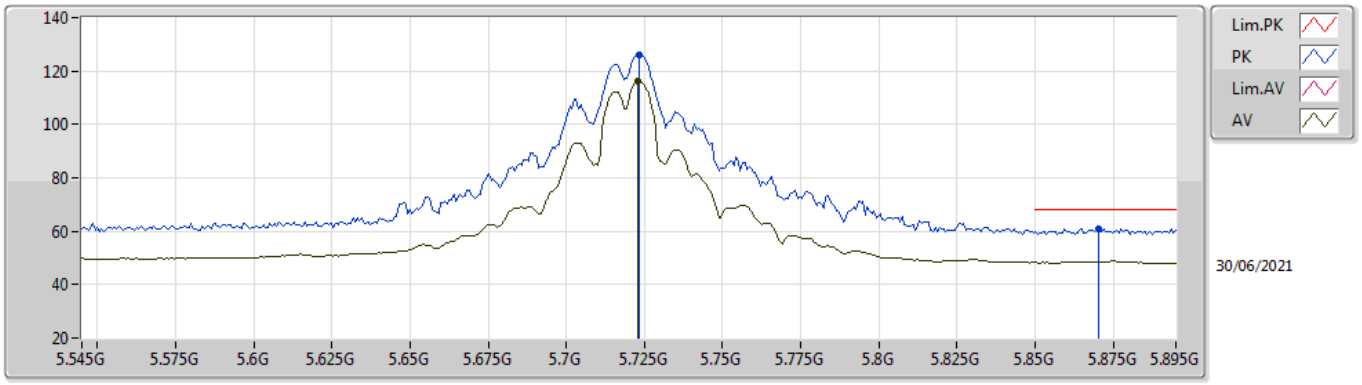


EUT Z_4TX_Dipole
Setting 76
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.3769G	53.15	74.00	-20.85	39.68	3	Horizontal	297	2.87	-	38.78	7.58	32.89
AV	11.4026G	39.92	54.00	-14.08	26.42	3	Horizontal	297	2.87	-	38.81	7.59	32.90

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

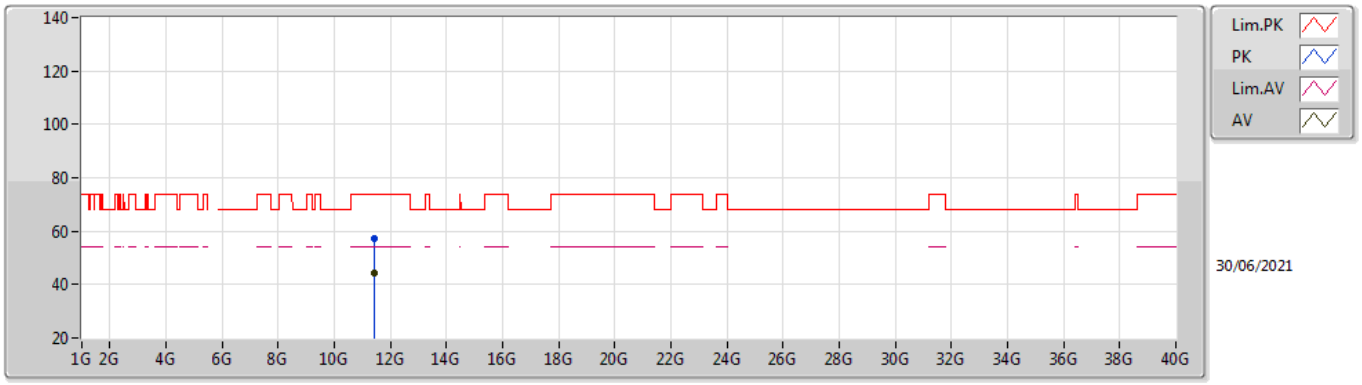


EUT Z_4TX_Dipole
Setting 76
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7235G	126.28	Inf	-Inf	118.91	3	Vertical	204	2.12	-	33.75	5.08	31.46
AV	5.7228G	116.09	Inf	-Inf	108.72	3	Vertical	204	2.12	-	33.75	5.08	31.46
PK	5.8705G	61.06	68.20	-7.14	53.43	3	Vertical	204	2.12	-	33.88	5.21	31.46

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

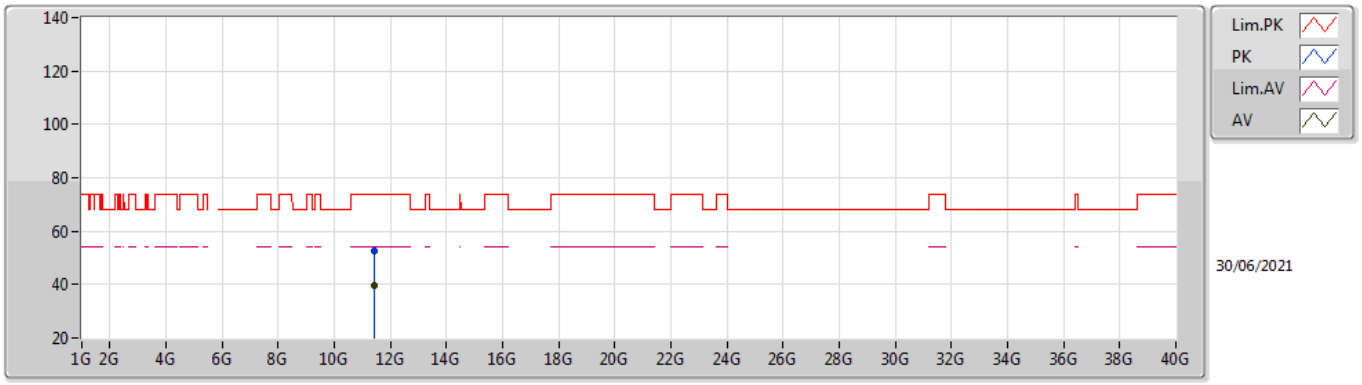


EUT Z_4TX_Dipole
Setting 76
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4412G	57.27	74.00	-16.73	43.70	3	Vertical	142	1.80	-	38.88	7.60	32.91
AV	11.4424G	44.32	54.00	-9.68	30.75	3	Vertical	142	1.80	-	38.88	7.60	32.91

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

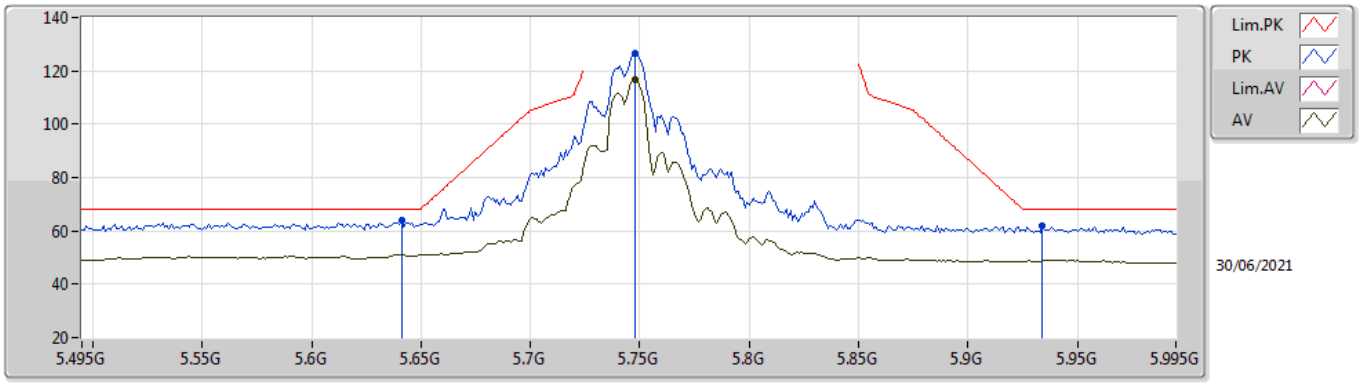


EUT Z_4TX_Dipole
Setting 76
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.443G	52.77	74.00	-21.23	39.18	3	Horizontal	177	2.08	-	38.89	7.61	32.91
AV	11.4431G	39.65	54.00	-14.35	26.06	3	Horizontal	177	2.08	-	38.89	7.61	32.91

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

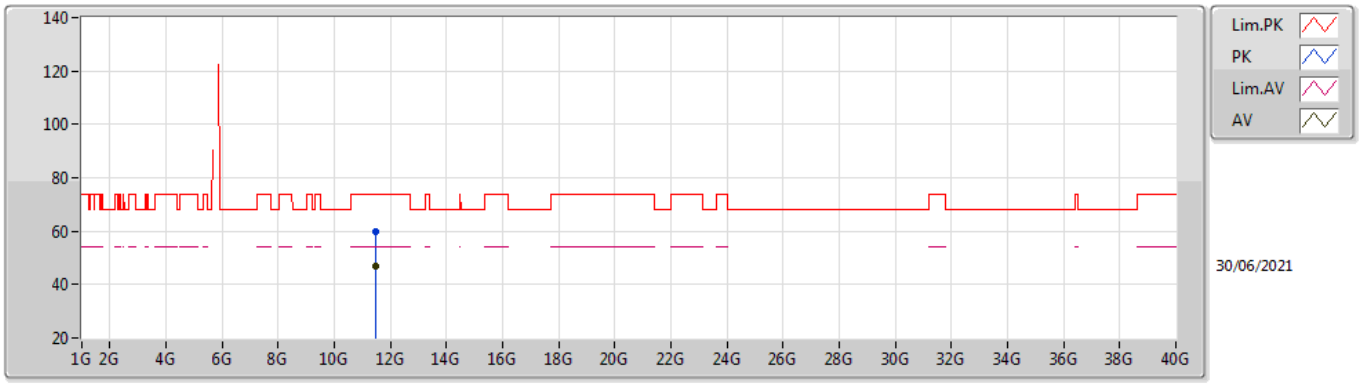


EUT Z_4TX_Dipole
Setting 120
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.641G	63.79	68.20	-4.41	56.27	3	Vertical	201	2.09	-	33.82	5.16	31.46
PK	5.748G	126.75	Inf	-Inf	119.36	3	Vertical	201	2.09	-	33.80	5.05	31.46
AV	5.748G	116.68	Inf	-Inf	109.29	3	Vertical	201	2.09	-	33.80	5.05	31.46
PK	5.934G	61.67	68.20	-6.53	53.65	3	Vertical	201	2.09	-	34.07	5.40	31.45

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

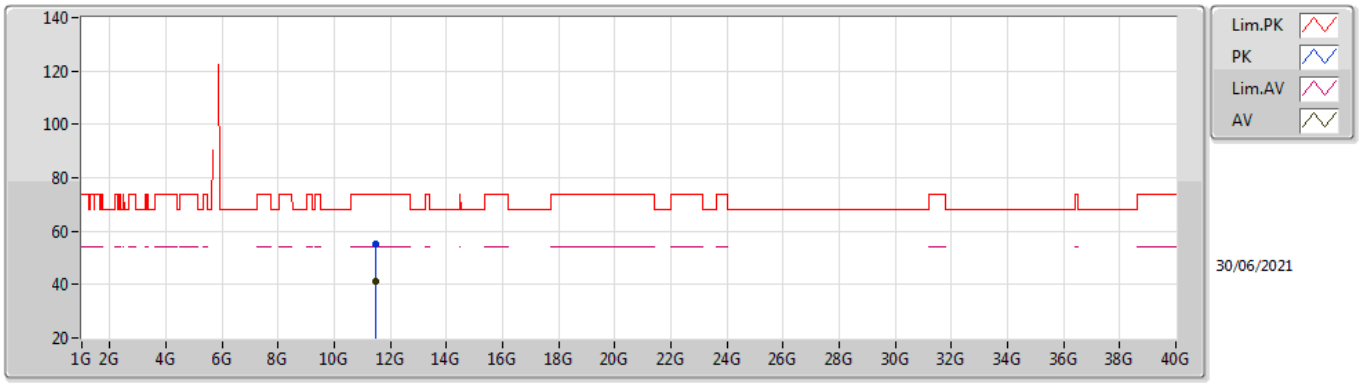


EUT Z_4TX_Dipole
Setting 120
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4911G	59.92	74.00	-14.08	46.25	3	Vertical	141	1.79	-	38.98	7.62	32.93
AV	11.4924G	46.88	54.00	-7.12	33.21	3	Vertical	141	1.79	-	38.98	7.62	32.93

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

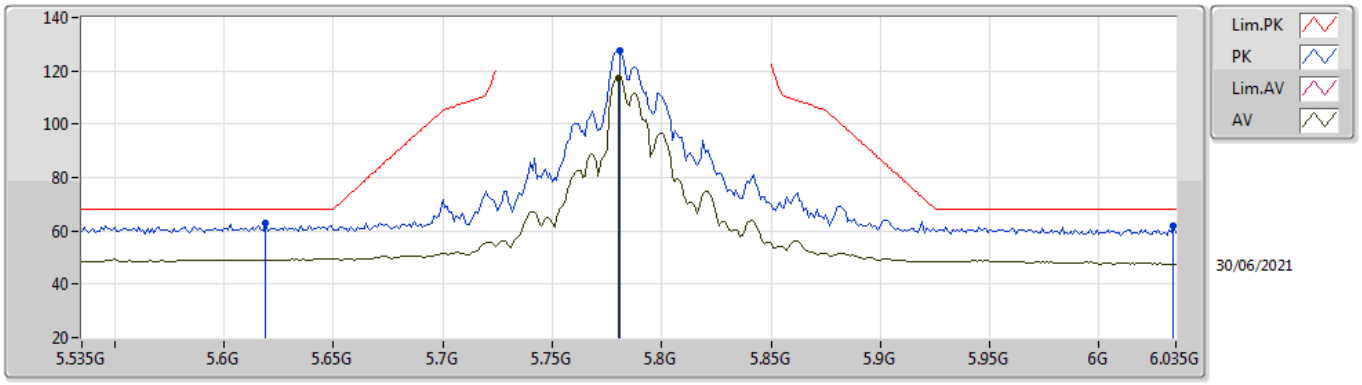


EUT Z_4TX_Dipole
Setting 120
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4899G	55.01	74.00	-18.99	41.34	3	Horizontal	333	2.72	-	38.98	7.62	32.93
AV	11.49G	41.06	54.00	-12.94	27.39	3	Horizontal	333	2.72	-	38.98	7.62	32.93

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

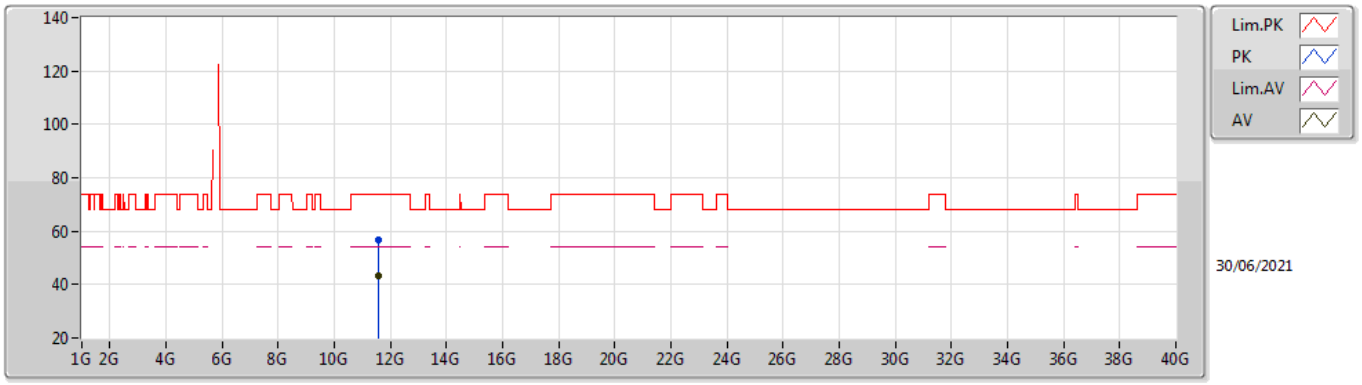


EUT Z_4TX_Dipole
Setting 120
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.619G	62.92	68.20	-5.28	55.35	3	Vertical	153	2.29	-	33.86	5.18	31.47
PK	5.781G	127.49	Inf	-Inf	120.19	3	Vertical	153	2.29	-	33.74	5.02	31.46
AV	5.78G	117.15	Inf	-Inf	109.85	3	Vertical	153	2.29	-	33.74	5.02	31.46
PK	6.034G	61.67	68.20	-6.53	53.33	3	Vertical	153	2.29	-	34.24	5.55	31.45

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

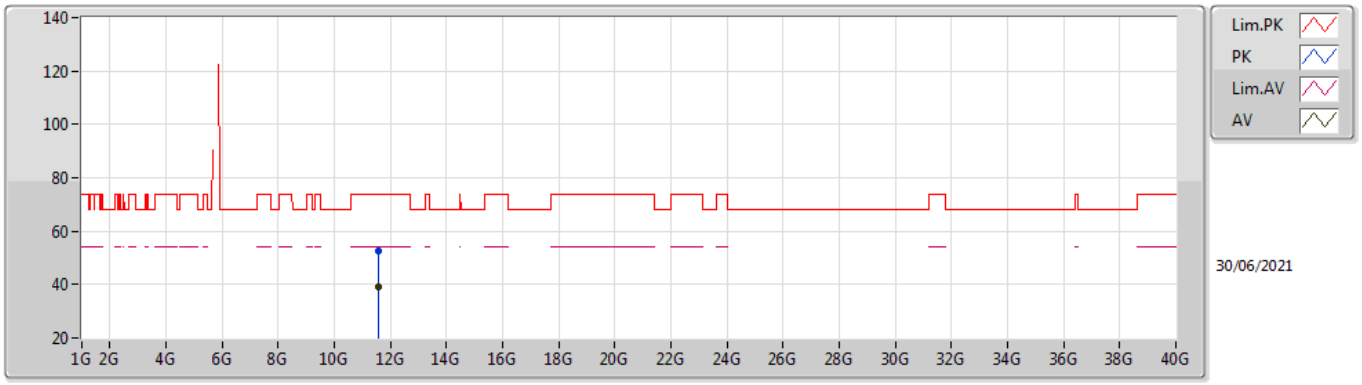


EUT Z_4TX_Dipole
Setting 120
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5729G	56.51	74.00	-17.49	42.57	3	Vertical	216	1.73	-	39.22	7.65	32.93
AV	11.5731G	43.49	54.00	-10.51	29.55	3	Vertical	216	1.73	-	39.22	7.65	32.93

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

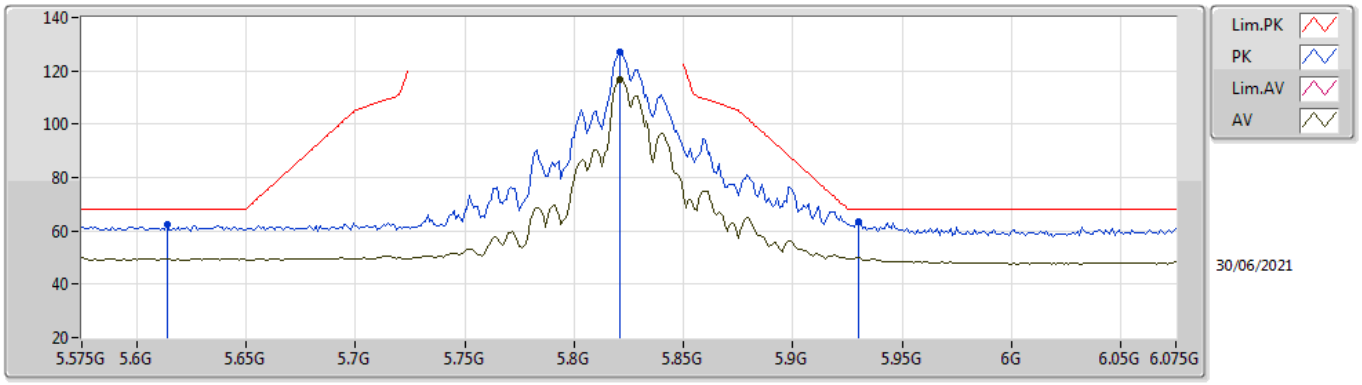


EUT Z_4TX_Dipole
Setting 120
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5685G	52.66	74.00	-21.34	38.73	3	Horizontal	71	2.05	-	39.21	7.65	32.93
AV	11.5853G	39.11	54.00	-14.89	25.13	3	Horizontal	71	2.05	-	39.26	7.65	32.93

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

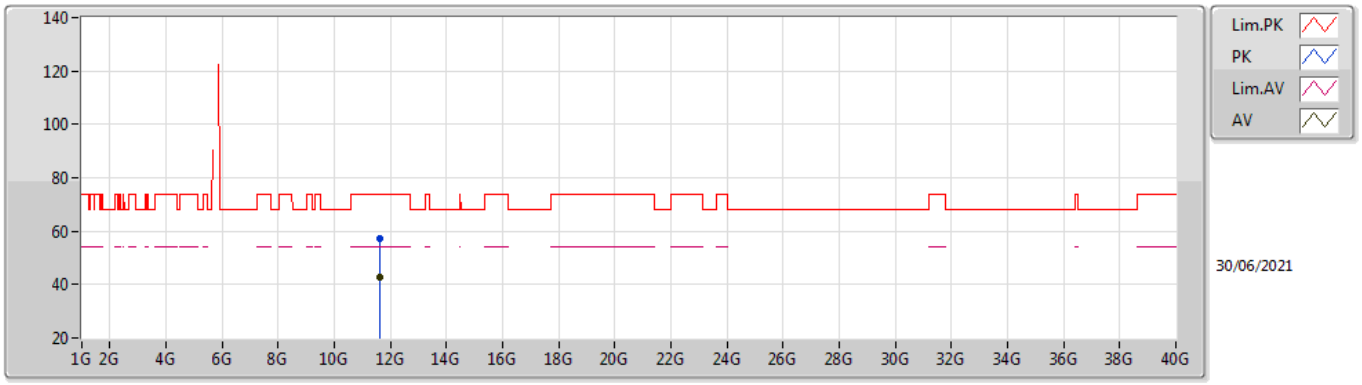


EUT Z_4TX_Dipole
Setting 120
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.614G	62.49	68.20	-5.71	54.90	3	Vertical	155	2.27	-	33.87	5.19	31.47
PK	5.821G	127.22	Inf	-Inf	119.88	3	Vertical	155	2.27	-	33.74	5.06	31.46
AV	5.821G	116.95	Inf	-Inf	109.61	3	Vertical	155	2.27	-	33.74	5.06	31.46
PK	5.93G	63.65	68.20	-4.55	55.65	3	Vertical	155	2.27	-	34.06	5.39	31.45

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

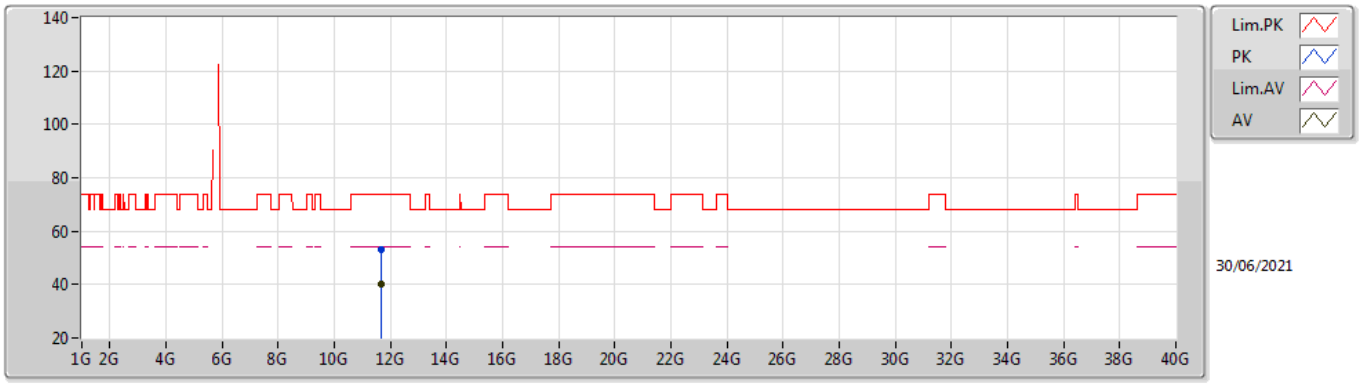


EUT Z_4TX_Dipole
Setting 120
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6475G	57.03	74.00	-16.97	42.93	3	Vertical	217	2.40	-	39.35	7.68	32.93
AV	11.647G	42.59	54.00	-11.41	28.49	3	Vertical	217	2.40	-	39.35	7.68	32.93

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

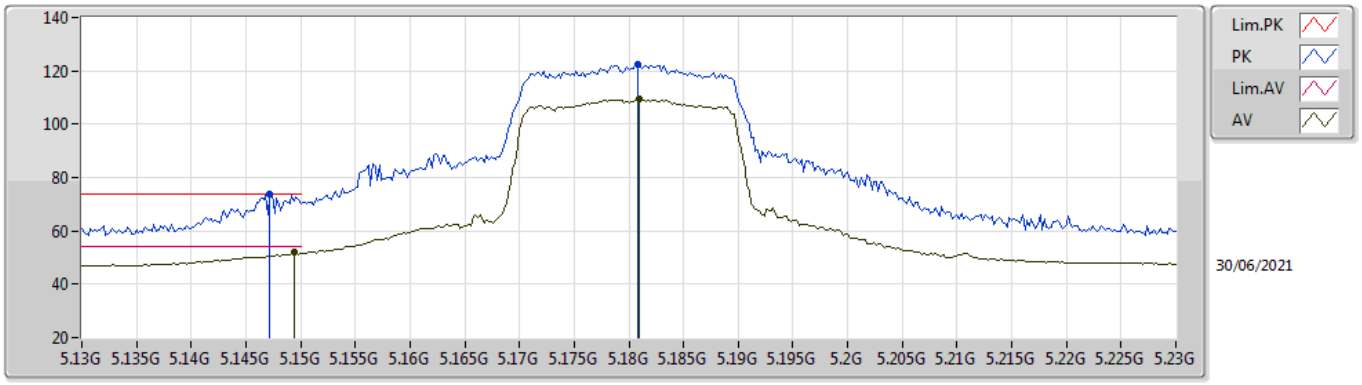


EUT Z_4TX_Dipole
Setting 120
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6477G	53.30	74.00	-20.70	39.20	3	Horizontal	169	2.02	-	39.35	7.68	32.93
AV	11.649G	40.14	54.00	-13.86	26.04	3	Horizontal	169	2.02	-	39.35	7.68	32.93

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

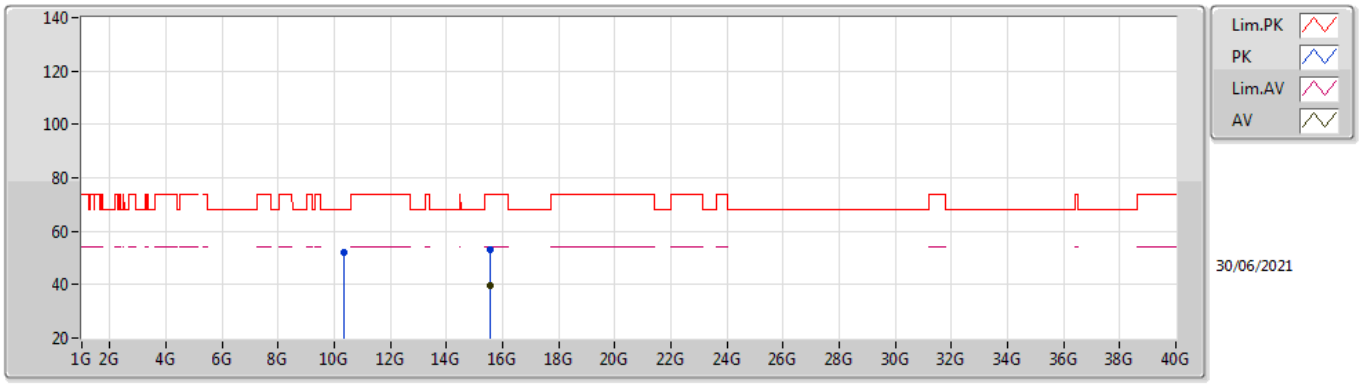


EUT Z_4TX_Dipole
Setting 89
02-B-N-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1472G	73.90	74.00	-0.10	67.14	3	Vertical	341	1.68	-	33.50	4.99	31.73
AV	5.1494G	51.87	54.00	-2.13	45.10	3	Vertical	341	1.68	-	33.50	5.00	31.73
PK	5.1808G	122.21	Inf	-Inf	115.36	3	Vertical	341	1.68	-	33.50	5.06	31.71
AV	5.181G	109.55	Inf	-Inf	102.70	3	Vertical	341	1.68	-	33.50	5.06	31.71

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

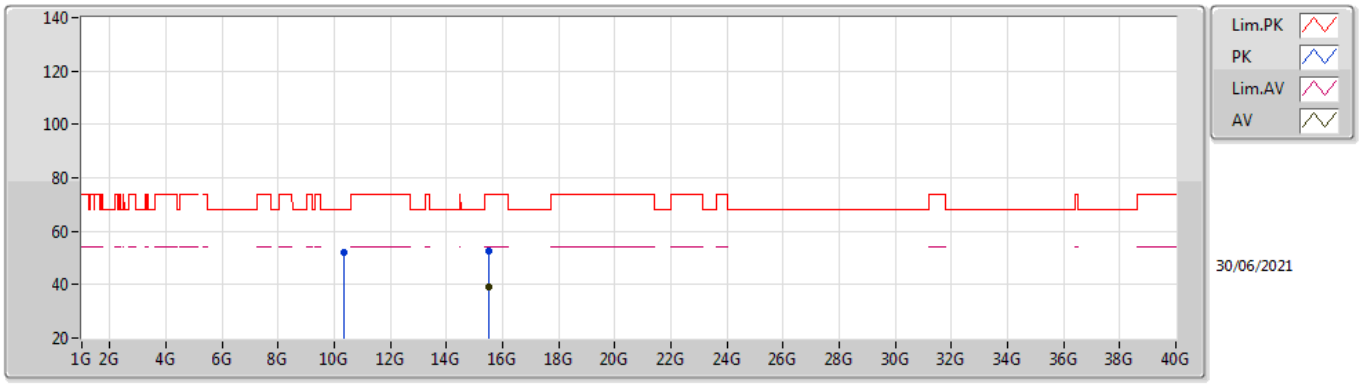


EUT Z_4TX_Dipole
Setting 89
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3642G	52.13	68.20	-16.07	38.99	3	Vertical	318	2.17	-	38.44	7.23	32.53
PK	15.5379G	53.11	74.00	-20.89	39.12	3	Vertical	77	2.29	-	37.79	9.04	32.84
AV	15.5449G	39.71	54.00	-14.29	25.74	3	Vertical	77	2.29	-	37.77	9.04	32.84

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

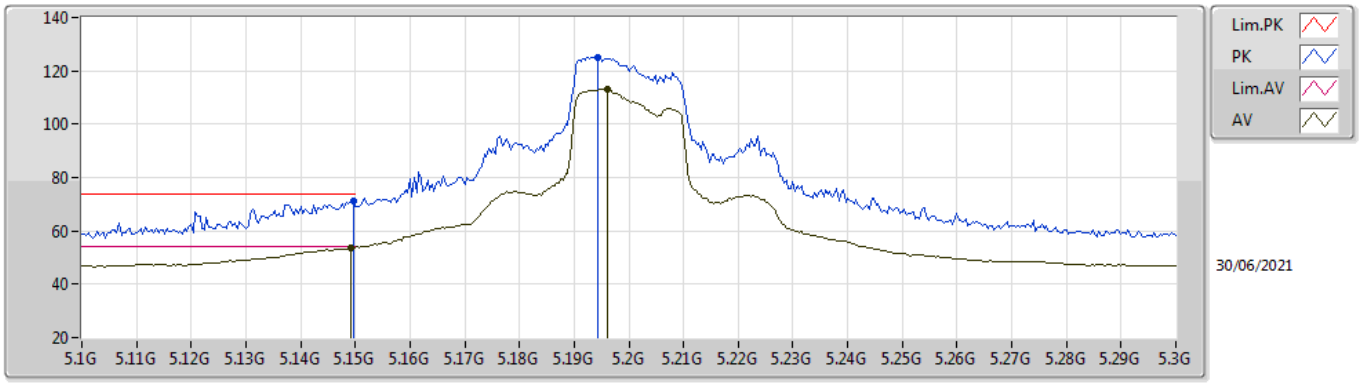


EUT Z_4TX_Dipole
Setting 89
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3686G	51.91	68.20	-16.29	38.78	3	Horizontal	187	1.01	-	38.43	7.23	32.53
PK	15.525G	52.44	74.00	-21.56	38.42	3	Horizontal	218	2.24	-	37.83	9.03	32.84
AV	15.5161G	39.02	54.00	-14.98	24.98	3	Horizontal	218	2.24	-	37.85	9.03	32.84

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

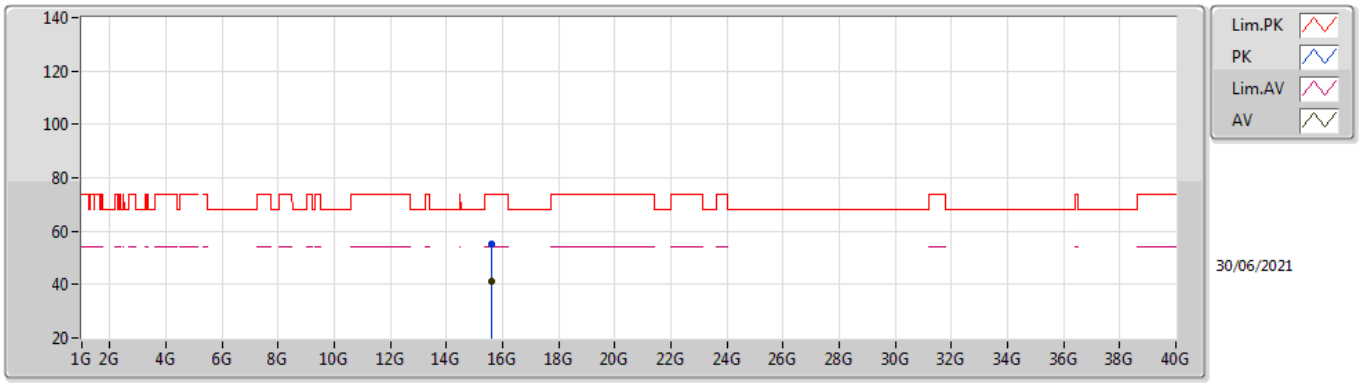


EUT Z_4TX_Dipole
Setting 103
02-B-N-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	71.00	74.00	-3.00	64.23	3	Vertical	36	2.54	-	33.50	5.00	31.73
AV	5.1492G	53.76	54.00	-0.24	46.99	3	Vertical	36	2.54	-	33.50	5.00	31.73
PK	5.1944G	125.04	Inf	-Inf	118.15	3	Vertical	36	2.54	-	33.50	5.09	31.70
AV	5.196G	113.01	Inf	-Inf	106.11	3	Vertical	36	2.54	-	33.50	5.09	31.69

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

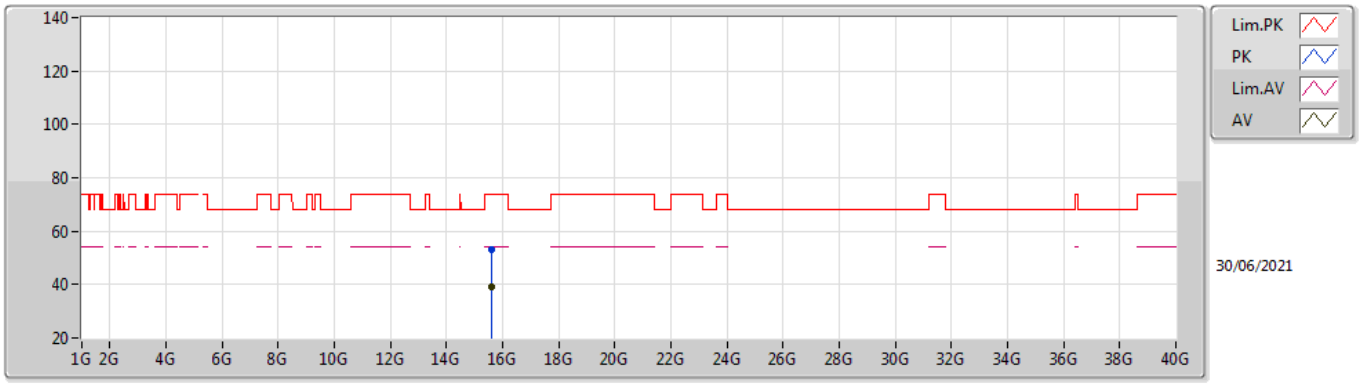


EUT Z_4TX_Dipole
Setting 103
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.6034G	55.29	74.00	-18.71	41.49	3	Vertical	138	1.80	-	37.59	9.06	32.85
AV	15.5973G	41.31	54.00	-12.69	27.49	3	Vertical	138	1.80	-	37.61	9.06	32.85

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

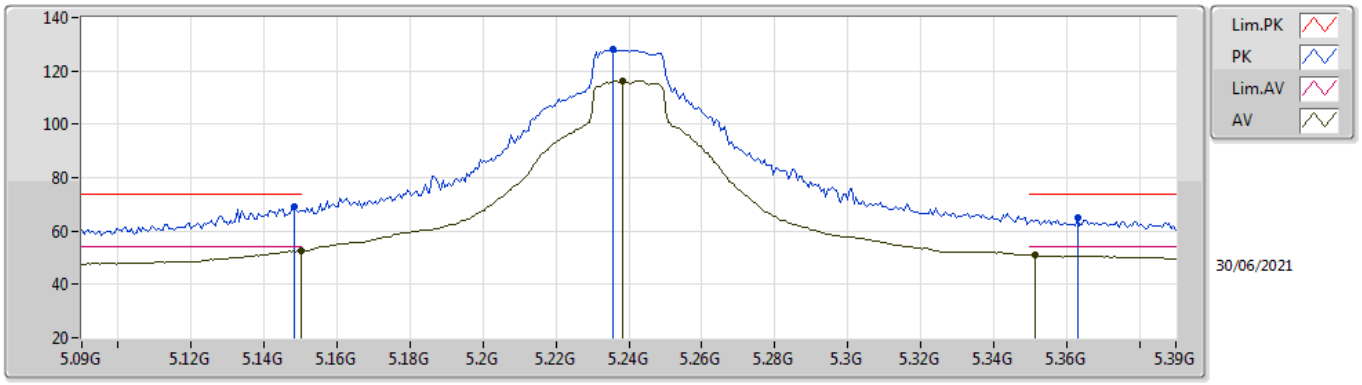


EUT Z_4TX_Dipole
Setting 103
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.5881G	52.90	74.00	-21.10	39.05	3	Horizontal	120	1.88	-	37.64	9.06	32.85
AV	15.6068G	39.08	54.00	-14.92	25.28	3	Horizontal	120	1.88	-	37.59	9.06	32.85

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

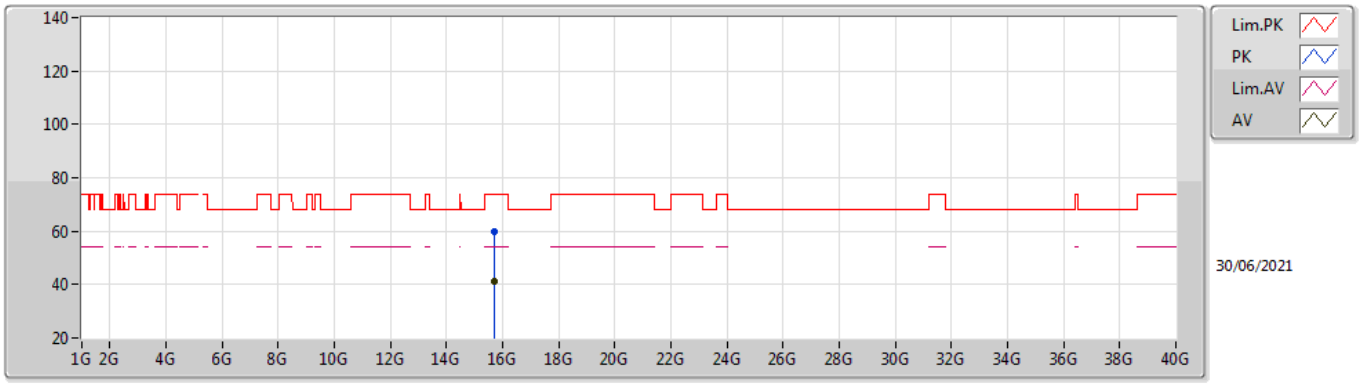


EUT Z_4TX_Dipole
Setting 127
02-B-N-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1482G	68.89	74.00	-5.11	62.12	3	Vertical	341	1.77	-	33.50	5.00	31.73
AV	5.15G	52.57	54.00	-1.43	45.80	3	Vertical	341	1.77	-	33.50	5.00	31.73
PK	5.2358G	127.91	Inf	-Inf	120.93	3	Vertical	341	1.77	-	33.57	5.08	31.67
AV	5.2382G	116.43	Inf	-Inf	109.43	3	Vertical	341	1.77	-	33.58	5.08	31.66
PK	5.363G	64.76	74.00	-9.24	57.58	3	Vertical	341	1.77	-	33.73	5.02	31.57
AV	5.3516G	50.94	54.00	-3.06	43.80	3	Vertical	341	1.77	-	33.70	5.02	31.58

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

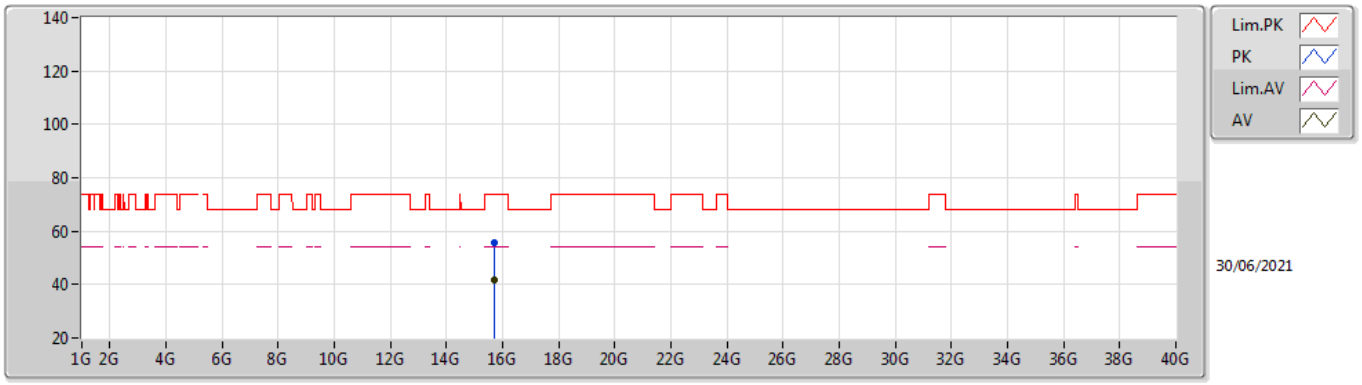


EUT Z_4TX_Dipole
Setting 127
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.7178G	59.65	74.00	-14.35	46.01	3	Vertical	316	1.80	-	37.40	9.10	32.86
AV	15.7147G	41.14	54.00	-12.86	27.50	3	Vertical	316	1.80	-	37.40	9.10	32.86

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

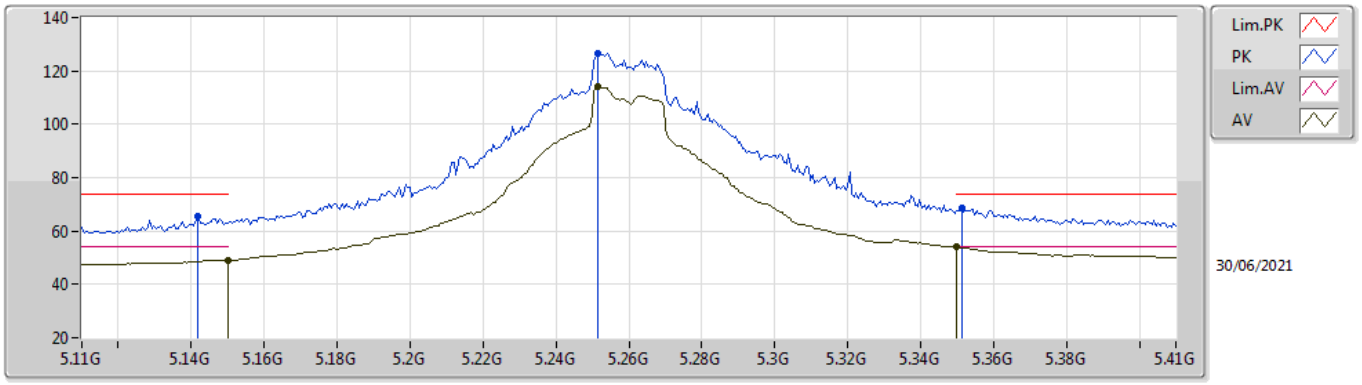


EUT Z_4TX_Dipole
Setting 127
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.7198G	55.79	74.00	-18.21	42.15	3	Horizontal	133	1.80	-	37.40	9.10	32.86
AV	15.7175G	41.71	54.00	-12.29	28.07	3	Horizontal	133	1.80	-	37.40	9.10	32.86

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5260MHz_TnomVnom

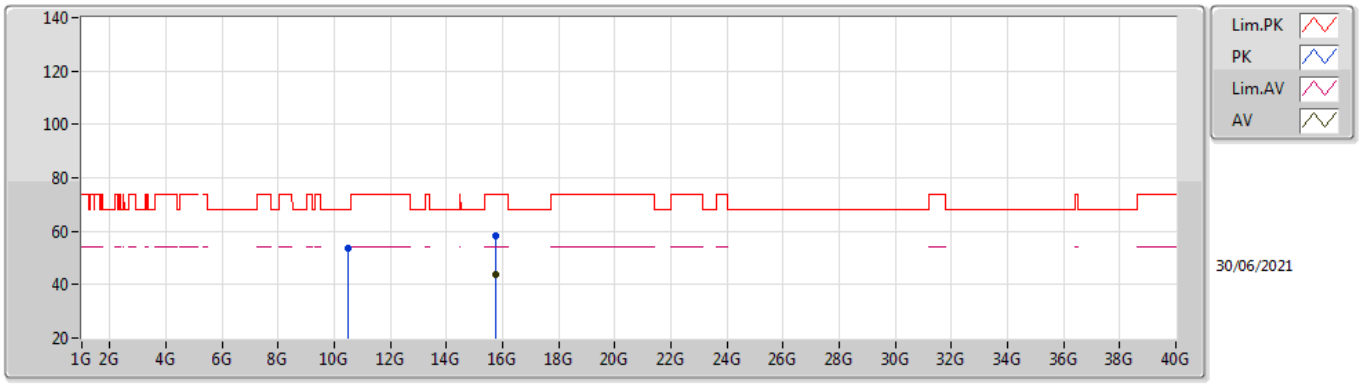


EUT Z_4TX_Dipole
Setting 127
02-B-N-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1418G	65.36	74.00	-8.64	58.62	3	Vertical	158	2.17	-	33.50	4.98	31.74
AV	5.15G	48.87	54.00	-5.13	42.10	3	Vertical	158	2.17	-	33.50	5.00	31.73
PK	5.2516G	126.56	Inf	-Inf	119.54	3	Vertical	158	2.17	-	33.60	5.07	31.65
AV	5.2516G	114.20	Inf	-Inf	107.18	3	Vertical	158	2.17	-	33.60	5.07	31.65
PK	5.3512G	68.82	74.00	-5.18	61.68	3	Vertical	158	2.17	-	33.70	5.02	31.58
AV	5.35G	53.97	54.00	-0.03	46.82	3	Vertical	158	2.17	-	33.70	5.03	31.58

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5260MHz_TnomVnom

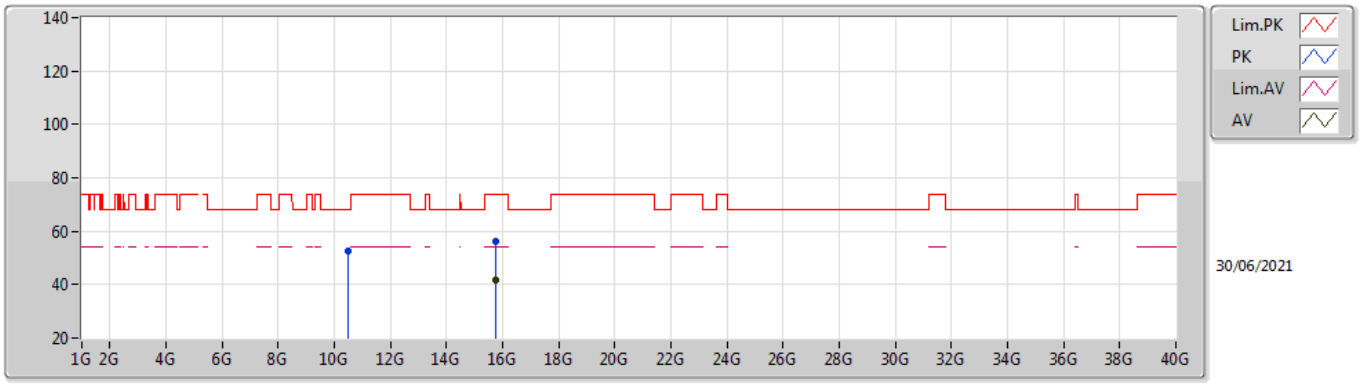


EUT Z_4TX_Dipole
Setting 127
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.5151G	53.83	68.20	-14.37	40.69	3	Vertical	104	1.99	-	38.42	7.28	32.56
PK	15.7713G	58.29	74.00	-15.71	44.63	3	Vertical	216	1.80	-	37.40	9.12	32.86
AV	15.7739G	44.00	54.00	-10.00	30.34	3	Vertical	216	1.80	-	37.40	9.12	32.86

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5260MHz_TnomVnom

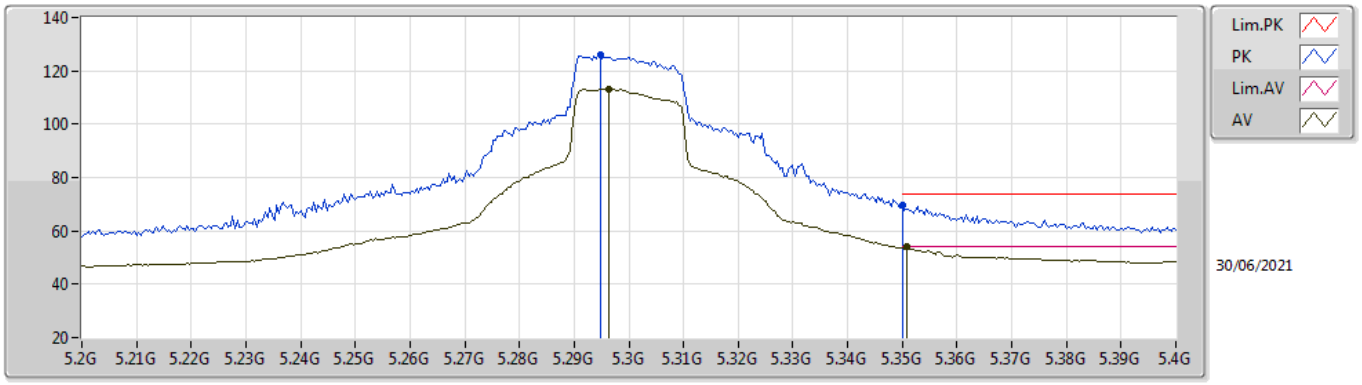


EUT Z_4TX_Dipole
Setting 127
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.5132G	52.45	68.20	-15.75	39.32	3	Horizontal	60	1.84	-	38.41	7.28	32.56
PK	15.7716G	56.22	74.00	-17.78	42.56	3	Horizontal	191	1.90	-	37.40	9.12	32.86
AV	15.7743G	41.79	54.00	-12.21	28.13	3	Horizontal	191	1.90	-	37.40	9.12	32.86

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5300MHz_TnomVnom

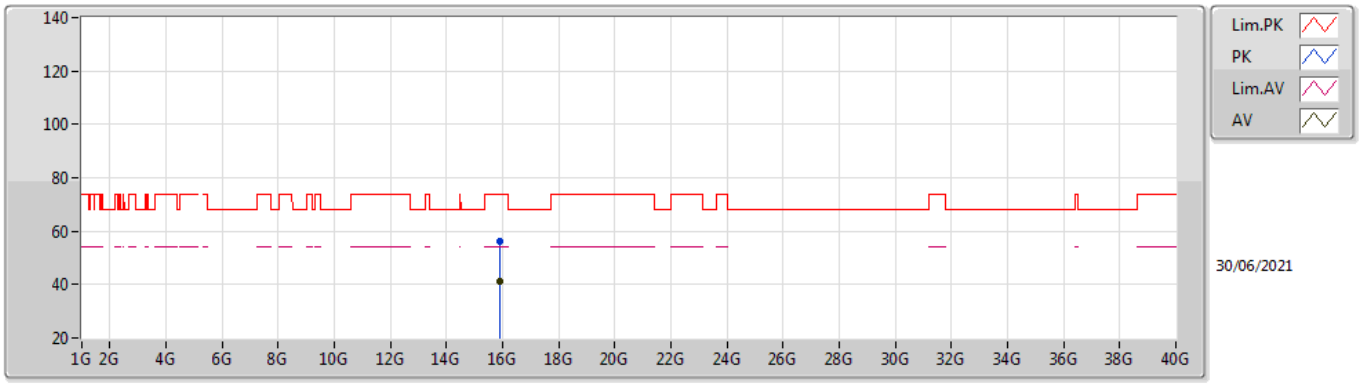


EUT Z_4TX_Dipole
Setting 106
02-B-N-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.2948G	126.11	Inf	-Inf	118.99	3	Vertical	340	1.72	-	33.69	5.05	31.62
AV	5.2964G	113.28	Inf	-Inf	106.16	3	Vertical	340	1.72	-	33.69	5.05	31.62
PK	5.35G	69.53	74.00	-4.47	62.38	3	Vertical	340	1.72	-	33.70	5.03	31.58
AV	5.3508G	53.92	54.00	-0.08	46.78	3	Vertical	340	1.72	-	33.70	5.02	31.58

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5300MHz_TnomVnom

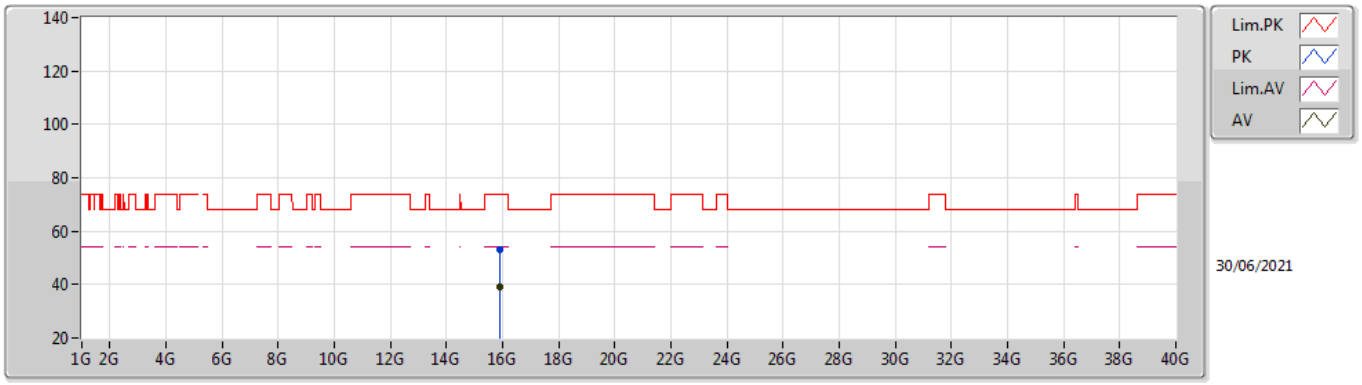


EUT Z_4TX_Dipole
Setting 106
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.8999G	56.27	74.00	-17.73	42.48	3	Vertical	142	1.82	-	37.50	9.16	32.87
AV	15.9088G	41.22	54.00	-12.78	27.43	3	Vertical	142	1.82	-	37.49	9.17	32.87

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5300MHz_TnomVnom

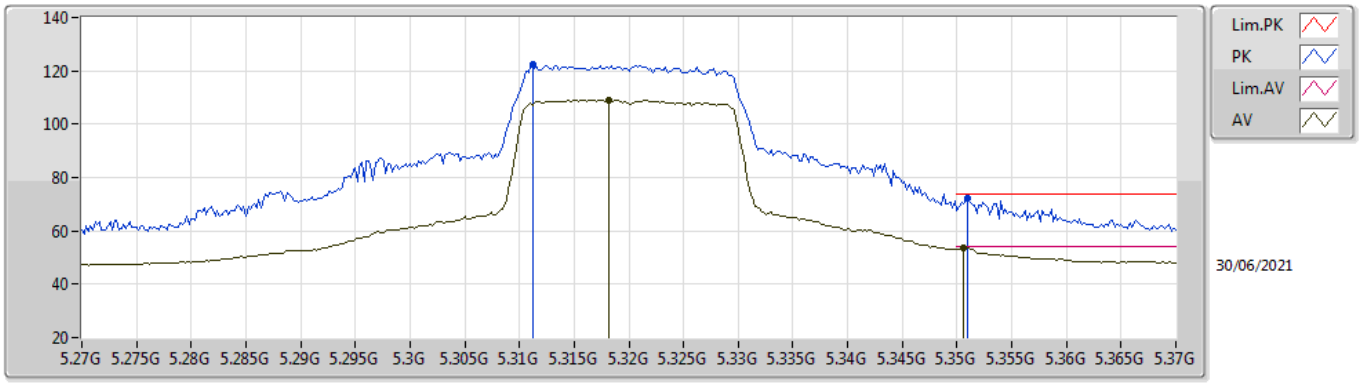


EUT Z_4TX_Dipole
Setting 106
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.9051G	53.09	74.00	-20.91	39.30	3	Horizontal	350	2.61	-	37.49	9.17	32.87
AV	15.903G	39.38	54.00	-14.62	25.58	3	Horizontal	350	2.61	-	37.50	9.17	32.87

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5320MHz_TnomVnom

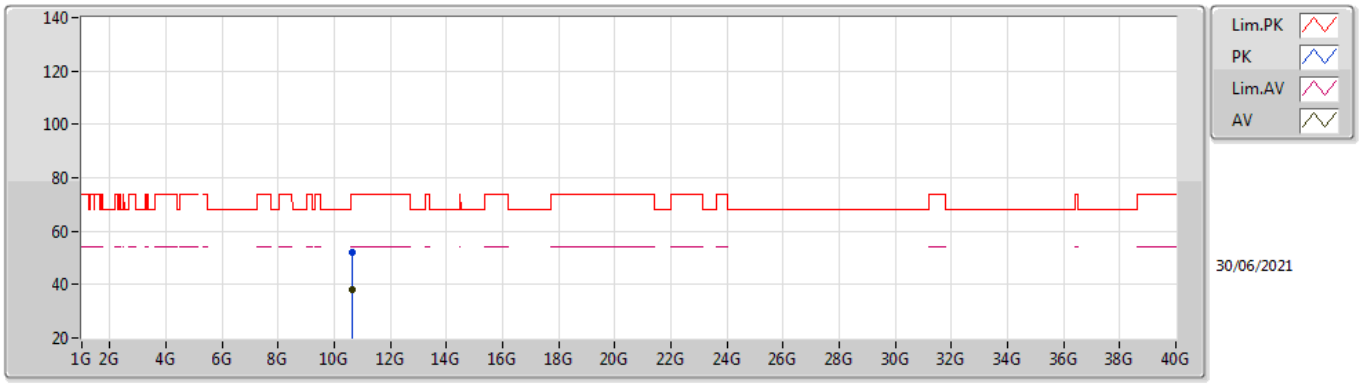


EUT Z_4TX_Dipole
Setting 87
02-B-N-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3112G	122.60	Inf	-Inf	115.47	3	Vertical	32	1.94	-	33.70	5.04	31.61
AV	5.3182G	109.21	Inf	-Inf	102.07	3	Vertical	32	1.94	-	33.70	5.04	31.60
PK	5.351G	72.41	74.00	-1.59	65.27	3	Vertical	32	1.94	-	33.70	5.02	31.58
AV	5.3506G	53.79	54.00	-0.21	46.65	3	Vertical	32	1.94	-	33.70	5.02	31.58

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5320MHz_TnomVnom

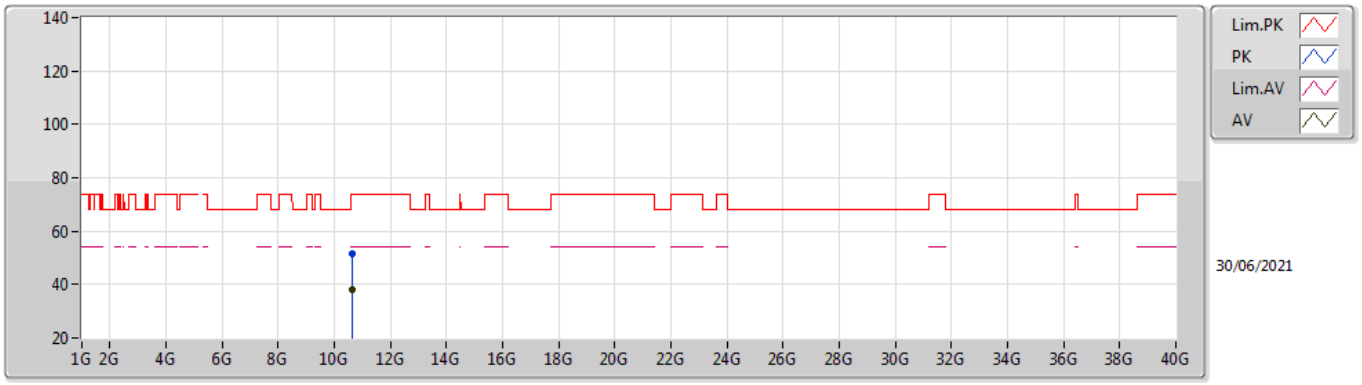


EUT Z_4TX_Dipole
Setting 87
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.627G	52.32	74.00	-21.68	39.13	3	Vertical	328	2.43	-	38.47	7.32	32.60
AV	10.6154G	38.14	54.00	-15.86	24.94	3	Vertical	328	2.43	-	38.48	7.32	32.60

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5320MHz_TnomVnom

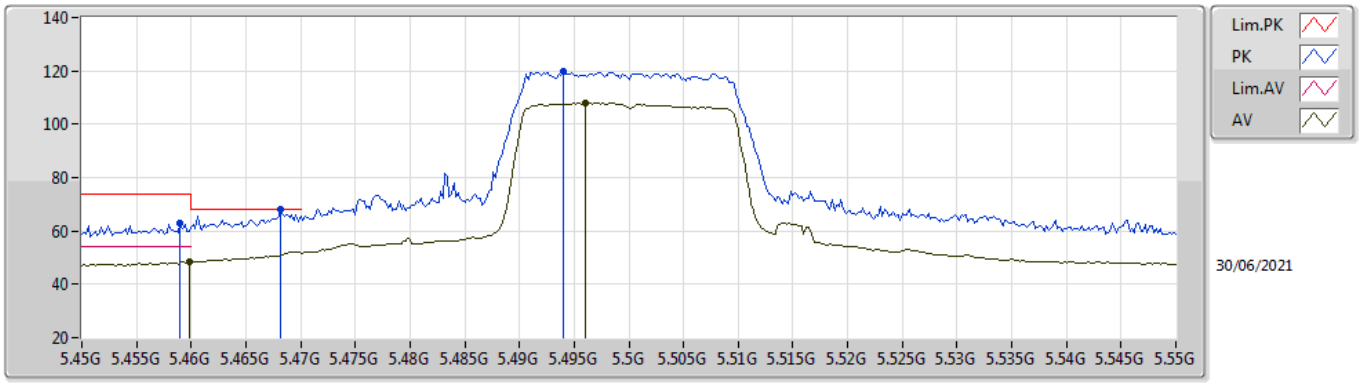


EUT Z_4TX_Dipole
Setting 87
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.632G	51.81	74.00	-22.19	38.63	3	Horizontal	84	1.36	-	38.47	7.32	32.61
AV	10.6615G	38.02	54.00	-15.98	24.87	3	Horizontal	84	1.36	-	38.44	7.33	32.62

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5500MHz_TnomVnom

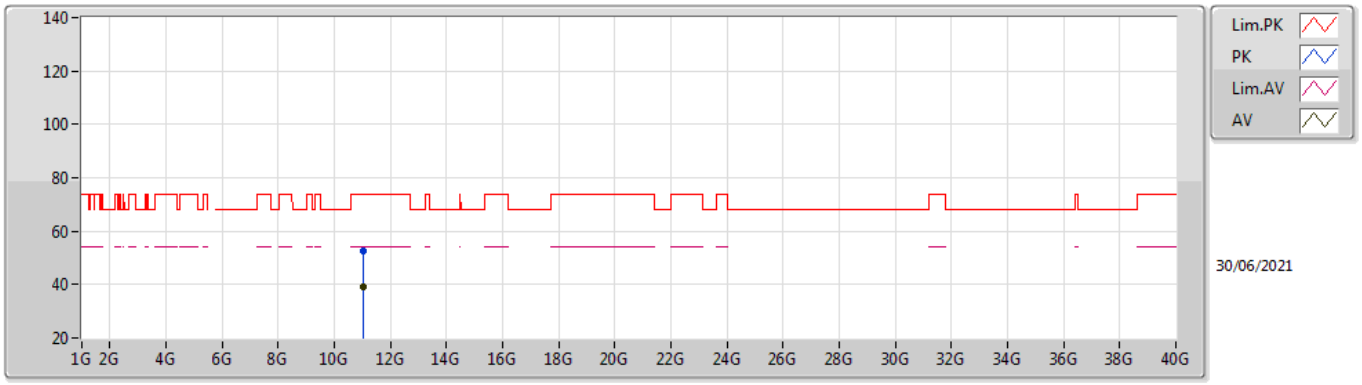


EUT Z_4TX_Dipole
Setting 74
02-B-N-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.459G	62.84	74.00	-11.16	55.38	3	Vertical	338	1.75	-	33.90	5.06	31.50
AV	5.4598G	48.39	54.00	-5.61	40.93	3	Vertical	338	1.75	-	33.90	5.06	31.50
PK	5.4682G	67.96	68.20	-0.24	60.48	3	Vertical	338	1.75	-	33.90	5.07	31.49
PK	5.494G	119.68	Inf	-Inf	112.16	3	Vertical	338	1.75	-	33.90	5.09	31.47
AV	5.496G	107.81	Inf	-Inf	100.28	3	Vertical	338	1.75	-	33.90	5.10	31.47

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5500MHz_TnomVnom

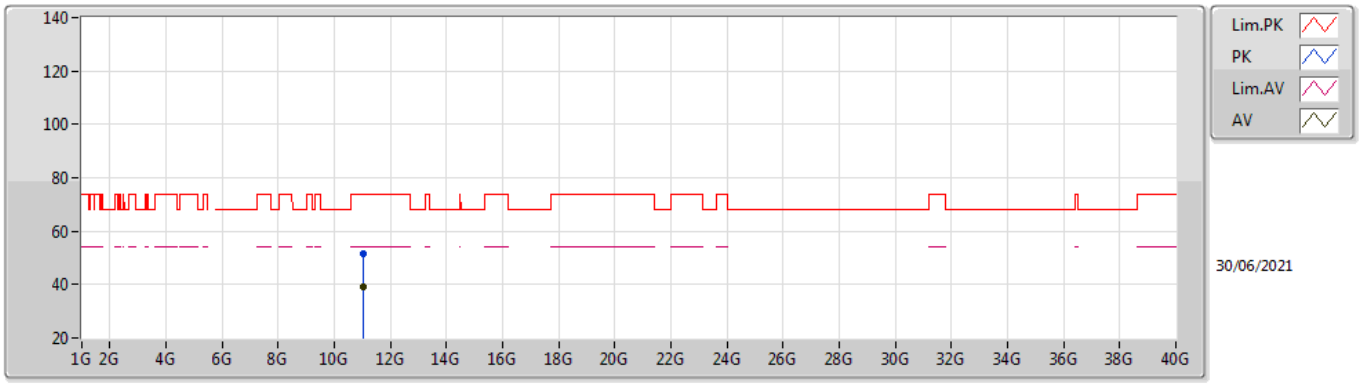


EUT Z_4TX_Dipole
Setting 74
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.0203G	52.62	74.00	-21.38	39.41	3	Vertical	138	2.63	-	38.52	7.46	32.77
AV	11.0207G	39.04	54.00	-14.96	25.83	3	Vertical	138	2.63	-	38.52	7.46	32.77

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5500MHz_TnomVnom

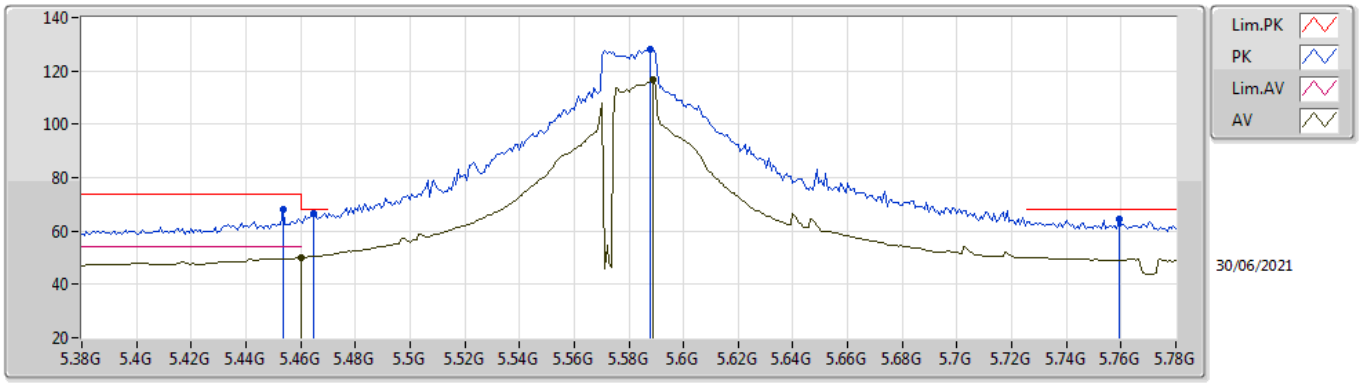


EUT Z_4TX_Dipole
Setting 74
02-B-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.0227G	51.50	74.00	-22.50	38.29	3	Horizontal	62	1.74	-	38.52	7.46	32.77
AV	11.0196G	39.01	54.00	-14.99	25.80	3	Horizontal	62	1.74	-	38.52	7.46	32.77

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5580MHz_TnomVnom

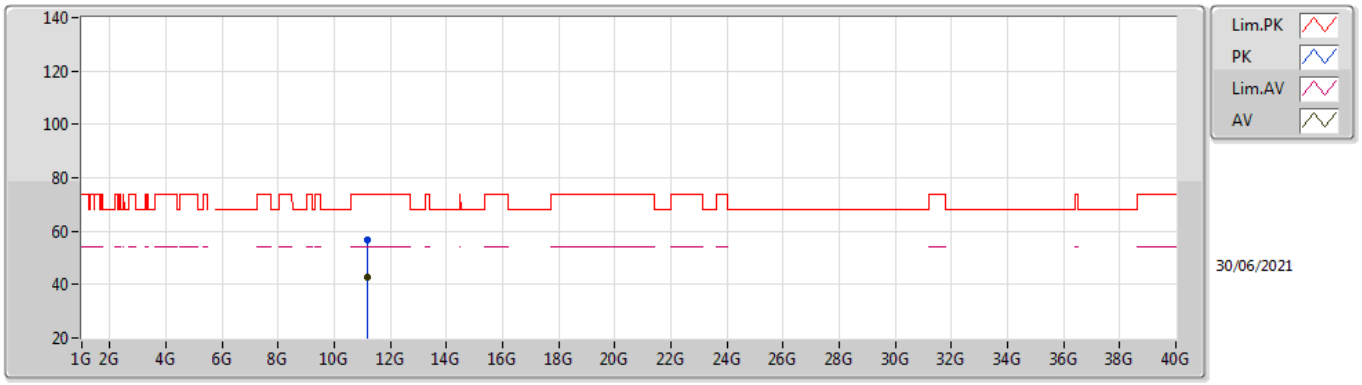


EUT Z_4TX_Dipole
Setting 126
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4536G	68.17	74.00	-5.83	60.72	3	Vertical	112	2.11	-	33.90	5.05	31.50
PK	5.4648G	66.75	68.20	-1.45	59.29	3	Vertical	112	2.11	-	33.90	5.06	31.50
AV	5.46G	49.91	54.00	-4.09	42.45	3	Vertical	112	2.11	-	33.90	5.06	31.50
PK	5.588G	128.18	Inf	-Inf	120.56	3	Vertical	112	2.11	-	33.90	5.19	31.47
AV	5.5888G	116.55	Inf	-Inf	108.93	3	Vertical	112	2.11	-	33.90	5.19	31.47
PK	5.7592G	64.54	68.20	-3.66	57.18	3	Vertical	112	2.11	-	33.78	5.04	31.46

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5580MHz_TnomVnom

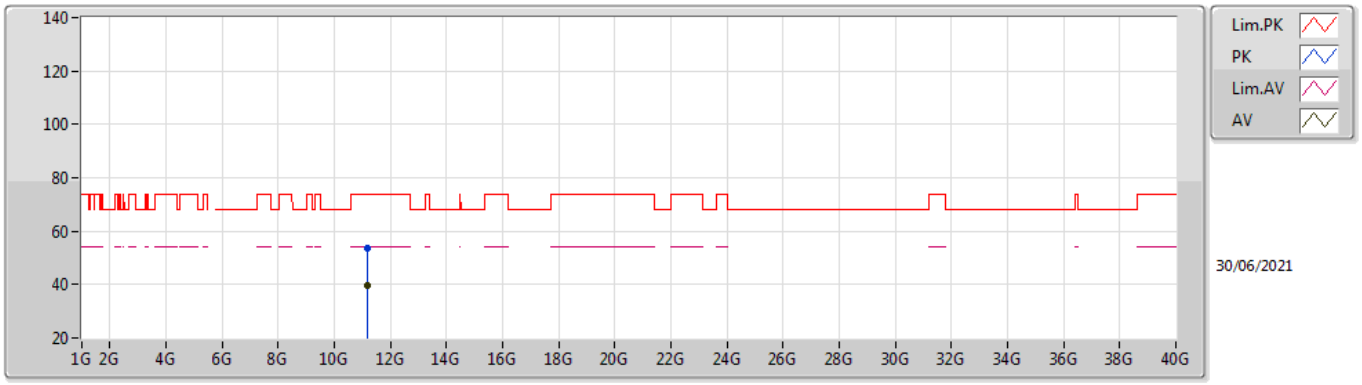


EUT Z_4TX_Dipole
Setting 126
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15882G	56.83	74.00	-17.17	43.47	3	Vertical	154	1.97	-	38.66	7.51	32.81
AV	11.16016G	43.00	54.00	-11.00	29.64	3	Vertical	154	1.97	-	38.66	7.51	32.81

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5580MHz_TnomVnom

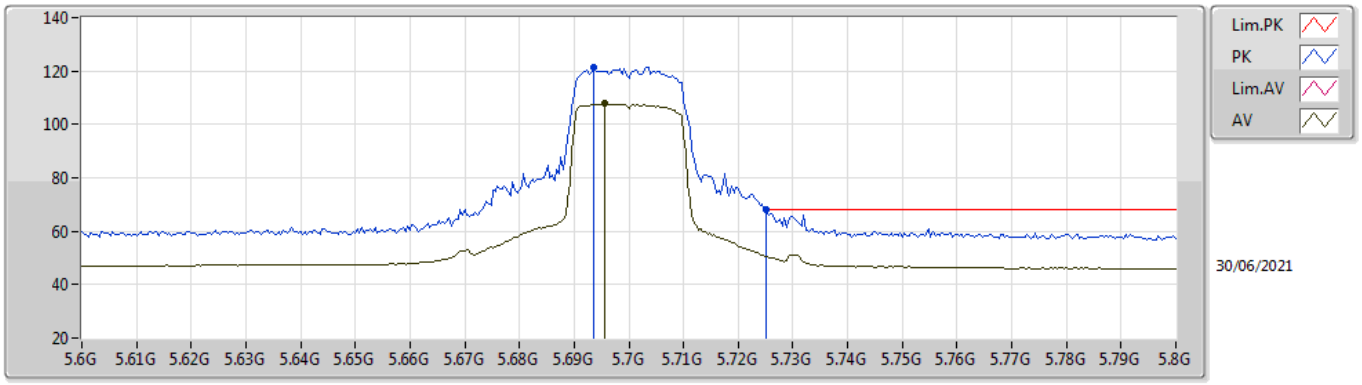


EUT Z_4TX_Dipole
Setting 126
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.16368G	53.73	74.00	-20.27	40.38	3	Horizontal	150	2.24	-	38.66	7.51	32.82
AV	11.15882G	39.58	54.00	-14.42	26.22	3	Horizontal	150	2.24	-	38.66	7.51	32.81

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5700MHz_TnomVnom

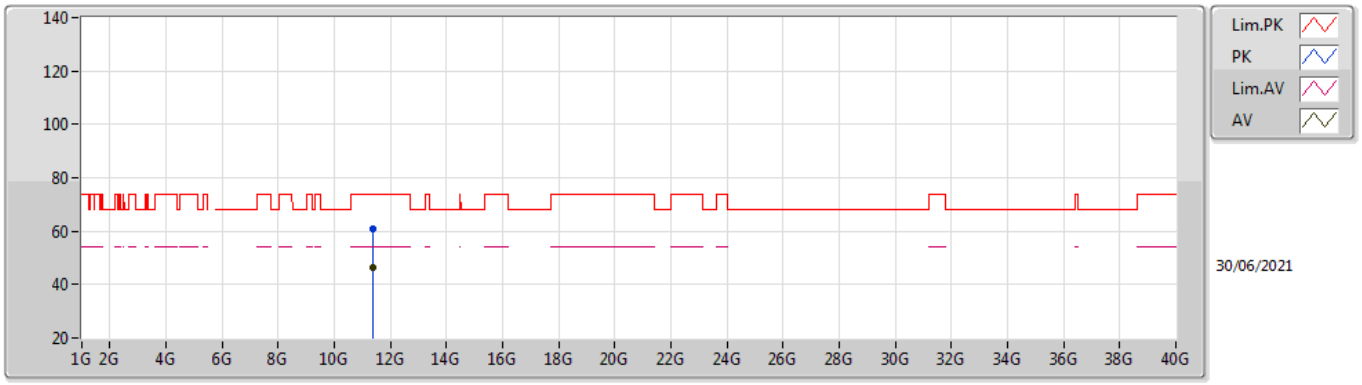


EUT Z_4TX_Dipole
Setting 77
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6936G	121.24	Inf	-Inf	113.88	3	Vertical	114	1.88	-	33.71	5.11	31.46
AV	5.6956G	107.70	Inf	-Inf	100.35	3	Vertical	114	1.88	-	33.71	5.10	31.46
PK	5.7252G	68.07	68.20	-0.13	60.71	3	Vertical	114	1.88	-	33.75	5.07	31.46

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5700MHz_TnomVnom

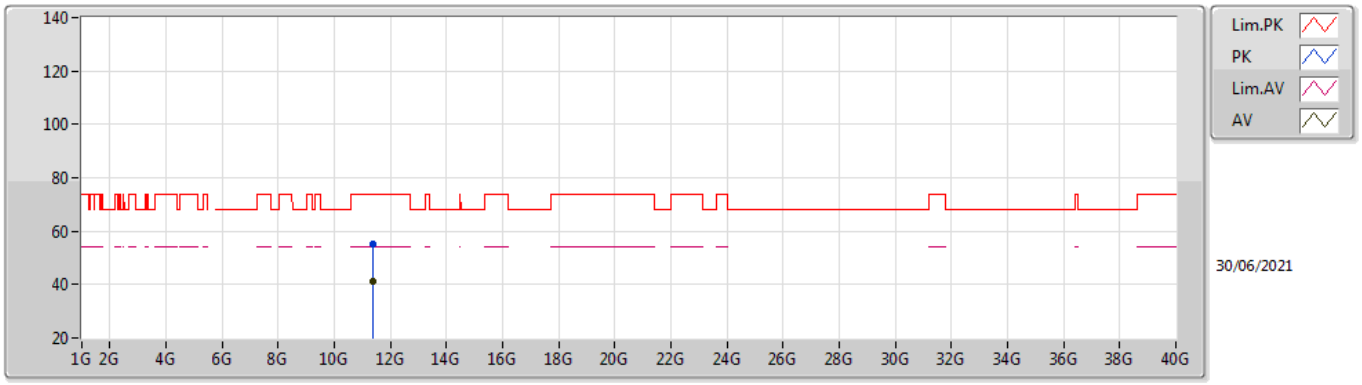


EUT Z_4TX_Dipole
Setting 77
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.40068G	60.84	74.00	-13.16	47.35	3	Vertical	94	1.79	-	38.80	7.59	32.90
AV	11.401G	46.54	54.00	-7.46	33.05	3	Vertical	94	1.79	-	38.80	7.59	32.90

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5700MHz_TnomVnom

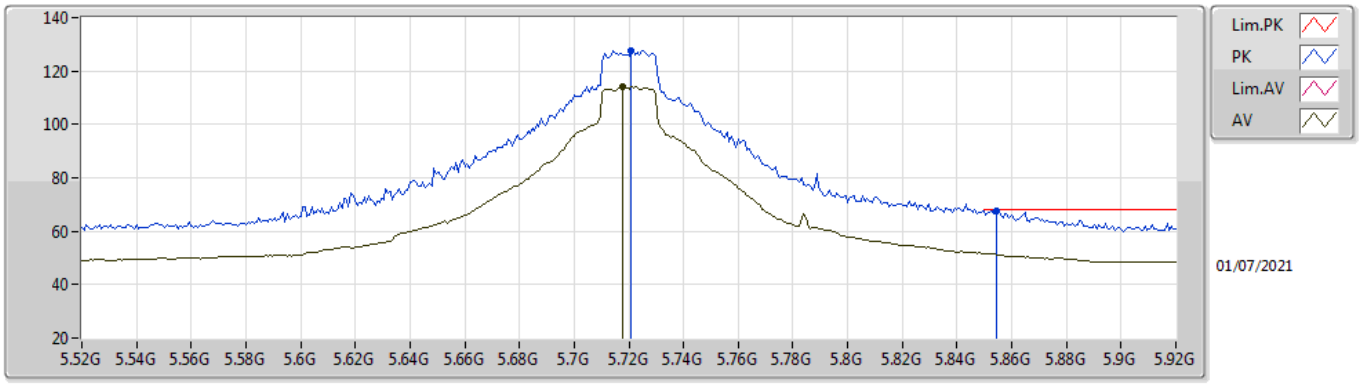


EUT Z_4TX_Dipole
Setting 77
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.39794G	55.22	74.00	-18.78	41.73	3	Horizontal	296	2.10	-	38.80	7.59	32.90
AV	11.40032G	41.23	54.00	-12.77	27.74	3	Horizontal	296	2.10	-	38.80	7.59	32.90

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

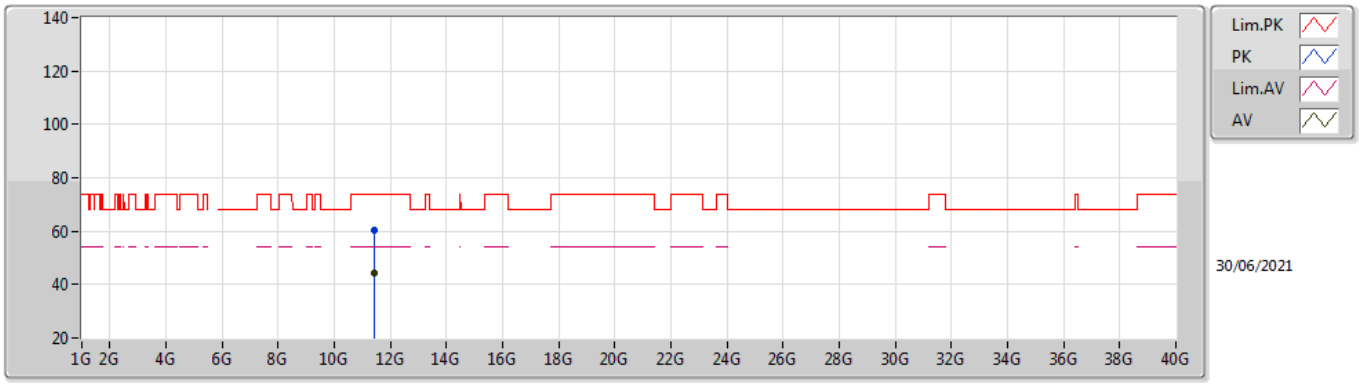


EUT Z_4TX_Dipole
Setting 127
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7208G	127.71	Inf	-Inf	120.35	3	Vertical	121	1.80	-	33.74	5.08	31.46
AV	5.7176G	114.26	Inf	-Inf	106.90	3	Vertical	121	1.80	-	33.74	5.08	31.46
PK	5.8544G	67.81	68.20	-0.39	60.29	3	Vertical	121	1.80	-	33.82	5.16	31.46

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

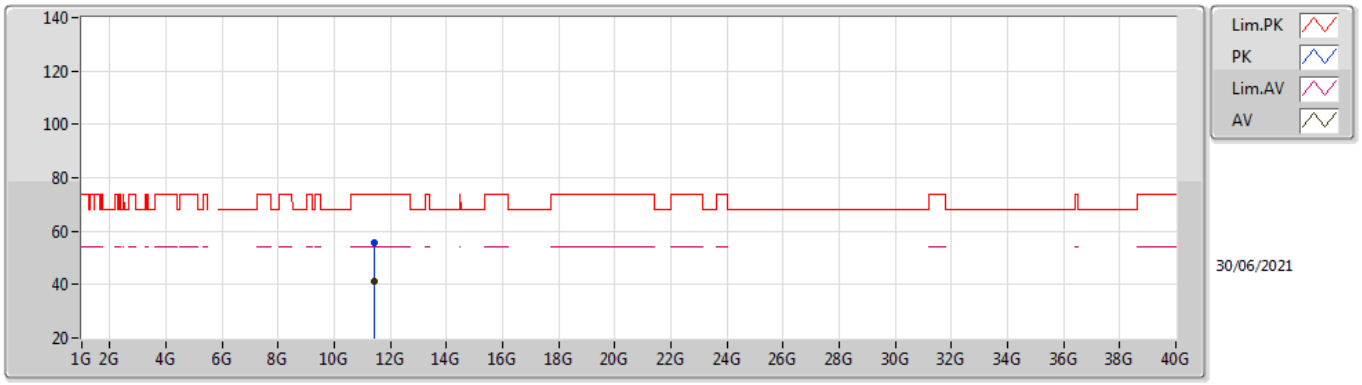


EUT Z_4TX_Dipole
Setting 127
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4411G	60.38	74.00	-13.62	46.81	3	Vertical	93	2.05	-	38.88	7.60	32.91
AV	11.4407G	44.36	54.00	-9.64	30.79	3	Vertical	93	2.05	-	38.88	7.60	32.91

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

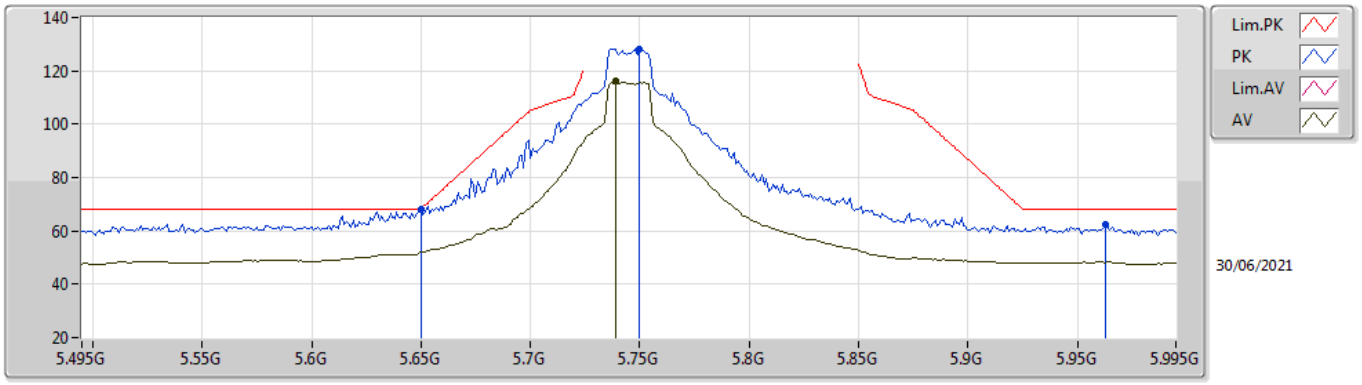


EUT Z_4TX_Dipole
Setting 127
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.44222G	55.54	74.00	-18.46	41.97	3	Horizontal	198	2.16	-	38.88	7.60	32.91
AV	11.44272G	41.16	54.00	-12.84	27.58	3	Horizontal	198	2.16	-	38.89	7.60	32.91

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

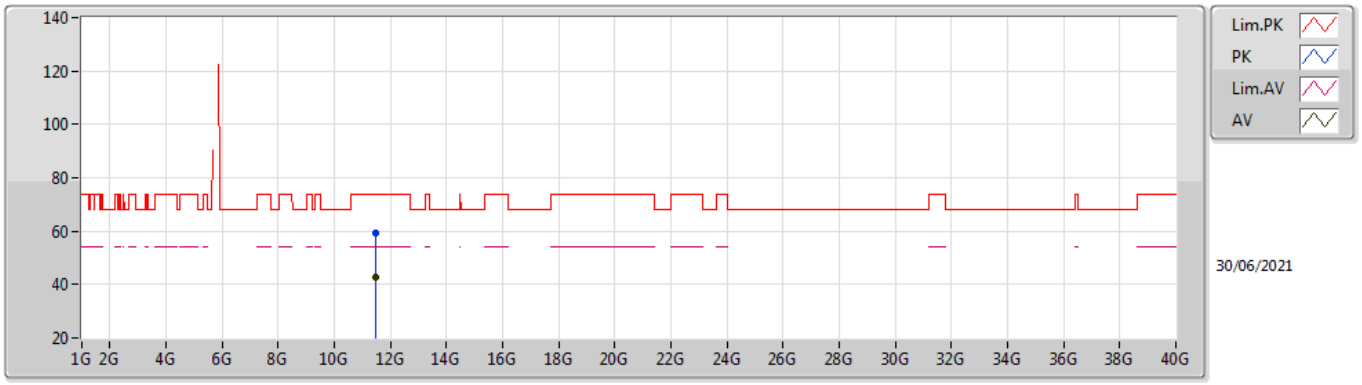


EUT Z_4TX_Dipole
Setting 122
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	67.94	68.20	-0.26	60.45	3	Vertical	113	1.54	-	33.80	5.15	31.46
PK	5.75G	128.27	Inf	-Inf	120.88	3	Vertical	113	1.54	-	33.80	5.05	31.46
AV	5.739G	116.22	Inf	-Inf	108.84	3	Vertical	113	1.54	-	33.78	5.06	31.46
PK	5.963G	62.32	68.20	-5.88	54.18	3	Vertical	113	1.54	-	34.10	5.49	31.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

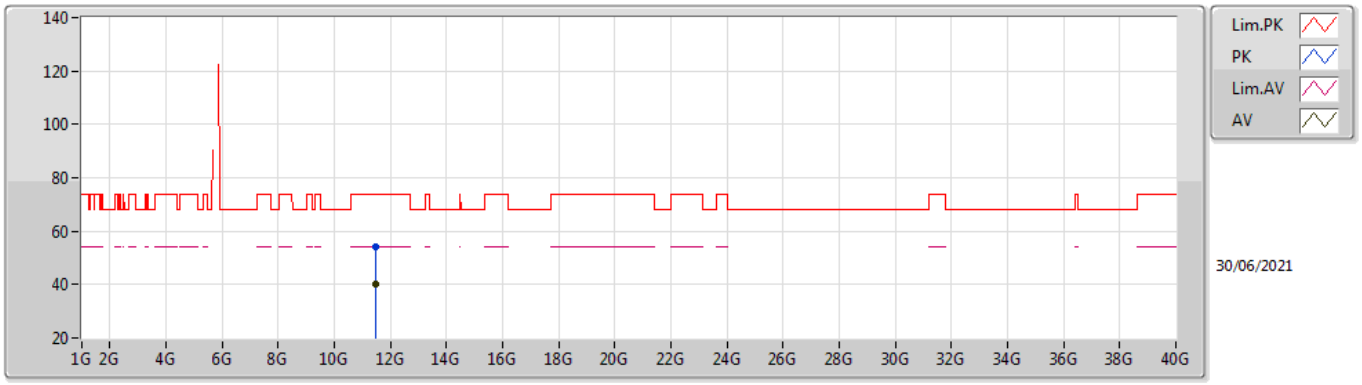


EUT Z_4TX_Dipole
Setting 122
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48564G	59.55	74.00	-14.45	45.89	3	Vertical	150	1.80	-	38.97	7.62	32.93
AV	11.49288G	42.68	54.00	-11.32	29.00	3	Vertical	150	1.80	-	38.99	7.62	32.93

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

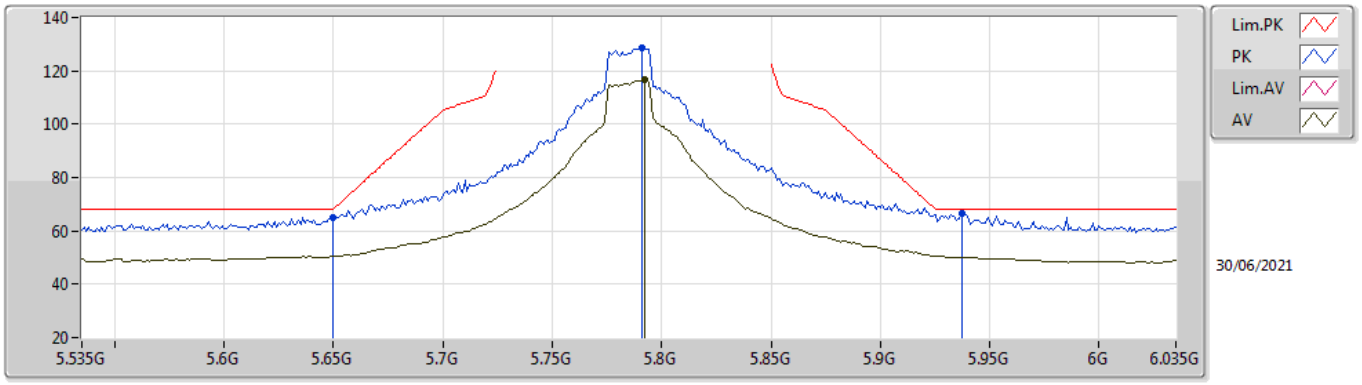


EUT Z_4TX_Dipole
Setting 122
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49094G	54.35	74.00	-19.65	40.68	3	Horizontal	336	1.84	-	38.98	7.62	32.93
AV	11.49196G	40.08	54.00	-13.92	26.41	3	Horizontal	336	1.84	-	38.98	7.62	32.93

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

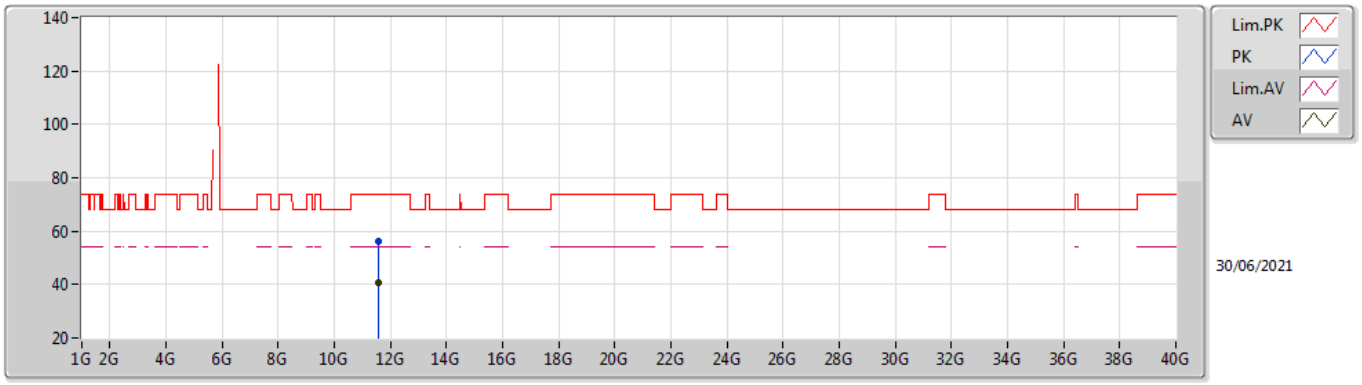


EUT Z_4TX_Dipole
Setting 127
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	64.97	68.20	-3.23	57.48	3	Vertical	108	1.80	-	33.80	5.15	31.46
PK	5.791G	128.48	Inf	-Inf	121.21	3	Vertical	108	1.80	-	33.72	5.01	31.46
AV	5.792G	116.53	Inf	-Inf	109.26	3	Vertical	108	1.80	-	33.72	5.01	31.46
PK	5.937G	66.63	68.20	-1.57	58.60	3	Vertical	108	1.80	-	34.07	5.41	31.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

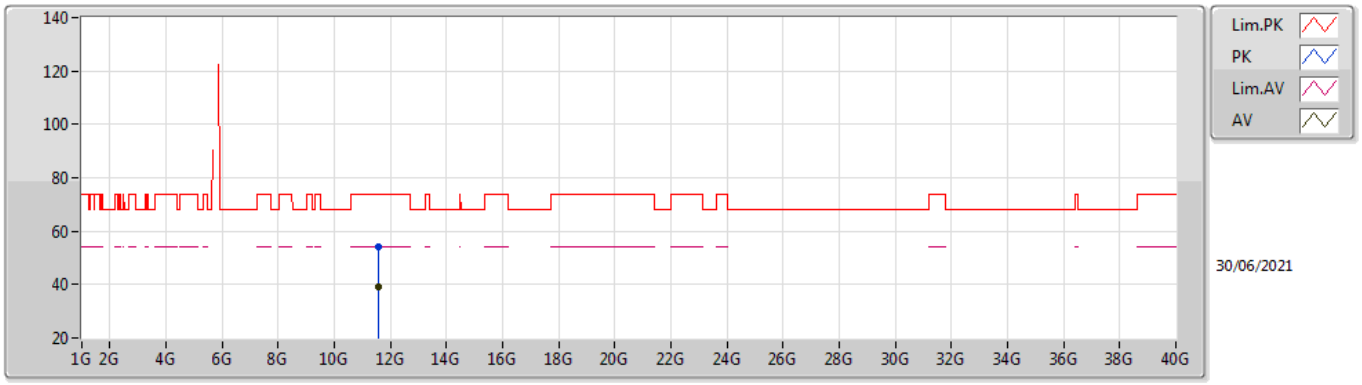


EUT Z_4TX_Dipole
Setting 127
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57144G	56.03	74.00	-17.97	42.10	3	Vertical	181	1.73	-	39.21	7.65	32.93
AV	11.57232G	40.44	54.00	-13.56	26.50	3	Vertical	181	1.73	-	39.22	7.65	32.93

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

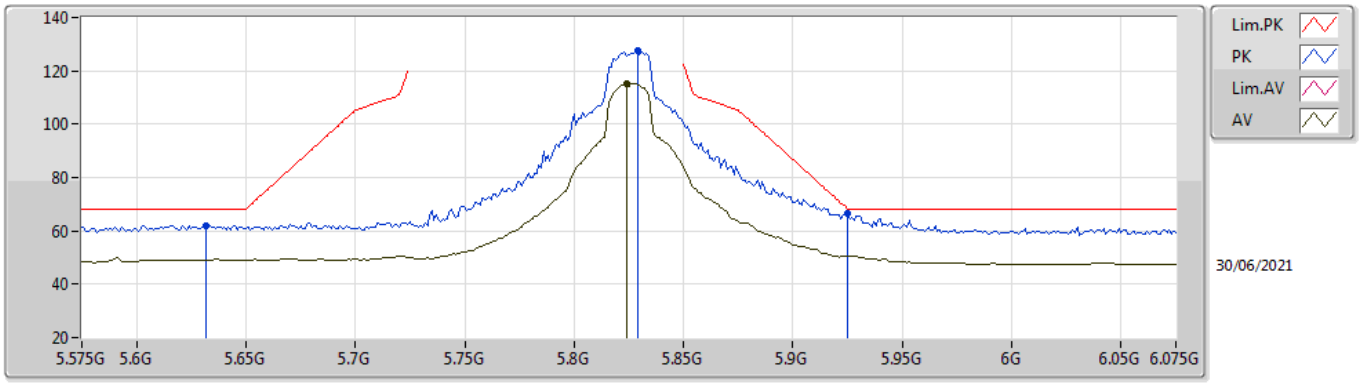


EUT Z_4TX_Dipole
Setting 127
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57354G	54.07	74.00	-19.93	40.13	3	Horizontal	224	1.81	-	39.22	7.65	32.93
AV	11.5703G	39.22	54.00	-14.78	25.29	3	Horizontal	224	1.81	-	39.21	7.65	32.93

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

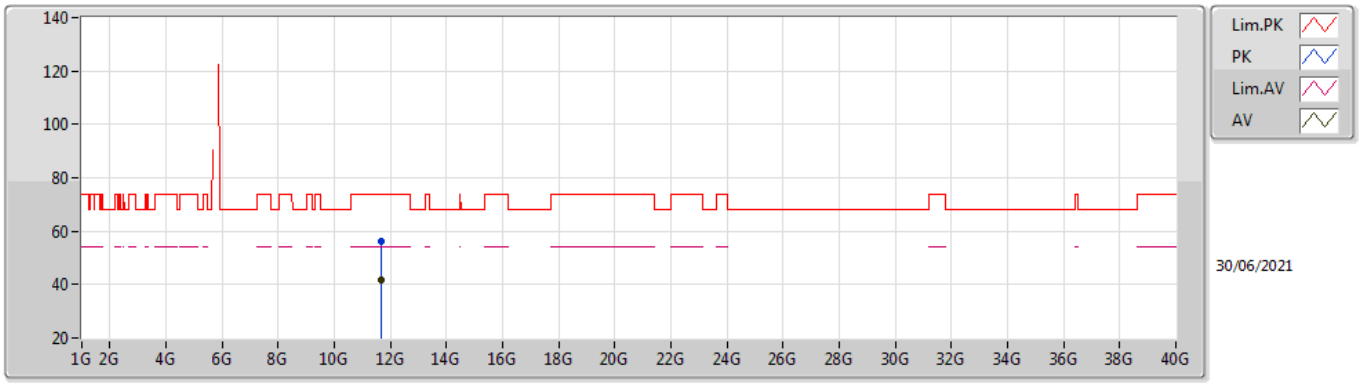


EUT Z_4TX_Dipole
Setting 120
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.632G	62.05	68.20	-6.15	54.50	3	Vertical	70	2.18	-	33.84	5.17	31.46
PK	5.829G	127.45	Inf	-Inf	120.06	3	Vertical	70	2.18	-	33.76	5.09	31.46
AV	5.824G	115.12	Inf	-Inf	107.76	3	Vertical	70	2.18	-	33.75	5.07	31.46
PK	5.925G	66.39	68.20	-1.81	58.41	3	Vertical	70	2.18	-	34.05	5.38	31.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

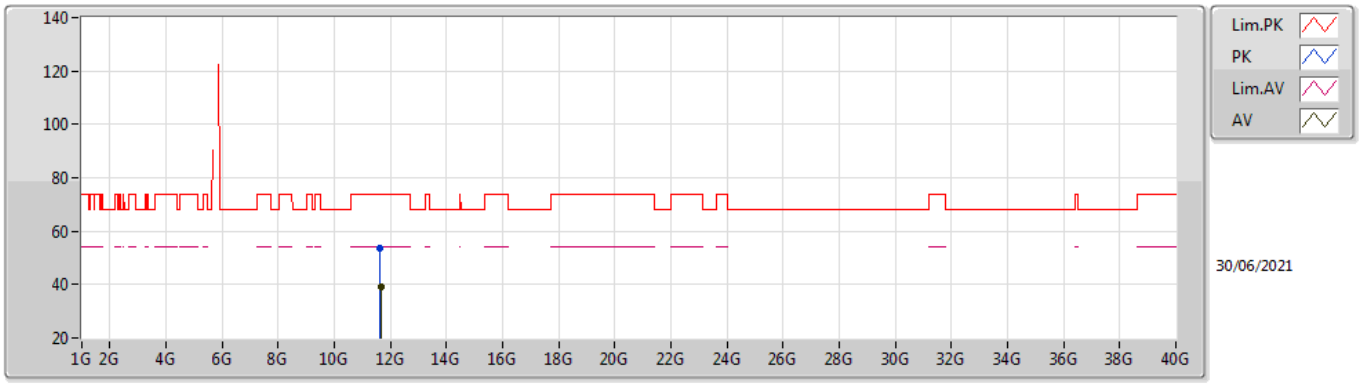


EUT Z_4TX_Dipole
Setting 120
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65378G	56.06	74.00	-17.94	41.96	3	Vertical	80	1.87	-	39.35	7.68	32.93
AV	11.65022G	41.77	54.00	-12.23	27.67	3	Vertical	80	1.87	-	39.35	7.68	32.93

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

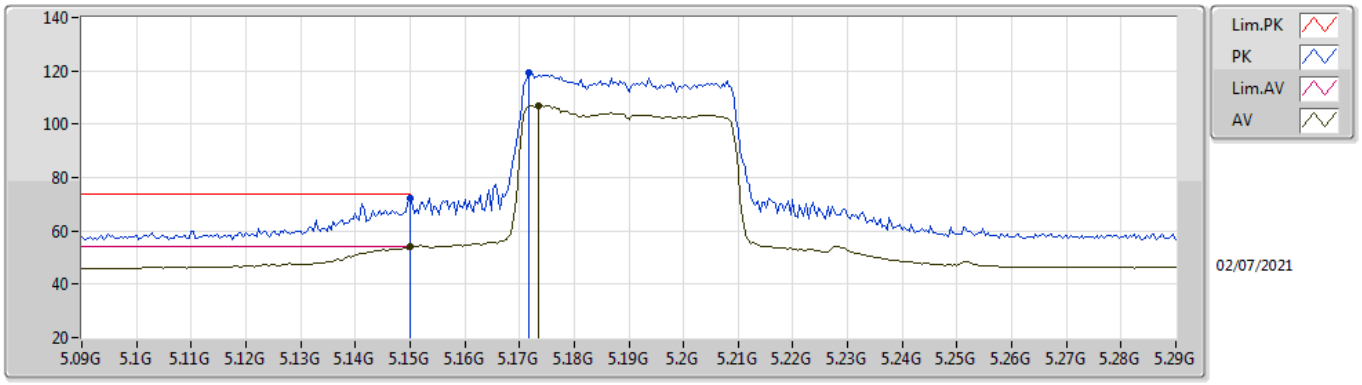


EUT Z_4TX_Dipole
Setting 120
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6471G	53.64	74.00	-20.36	39.54	3	Horizontal	84	1.80	-	39.35	7.68	32.93
AV	11.65218G	39.28	54.00	-14.72	25.18	3	Horizontal	84	1.80	-	39.35	7.68	32.93

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

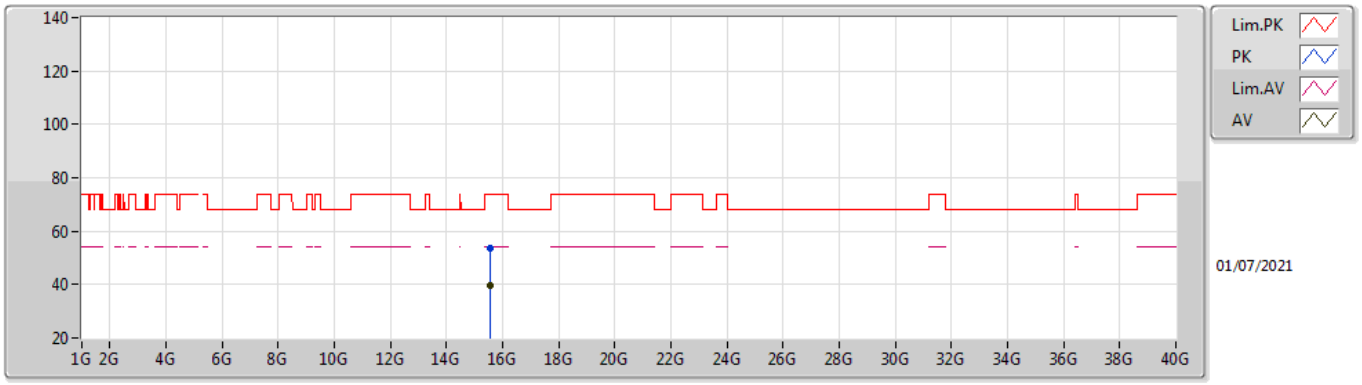


EUT Z_4TX_Dipole
Setting 77
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	72.05	74.00	-1.95	65.28	3	Vertical	33	2.31	-	33.50	5.00	31.73
AV	5.15G	53.90	54.00	-0.10	47.13	3	Vertical	33	2.31	-	33.50	5.00	31.73
PK	5.1716G	119.45	Inf	-Inf	112.62	3	Vertical	33	2.31	-	33.50	5.04	31.71
AV	5.1736G	107.09	Inf	-Inf	100.25	3	Vertical	33	2.31	-	33.50	5.05	31.71

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

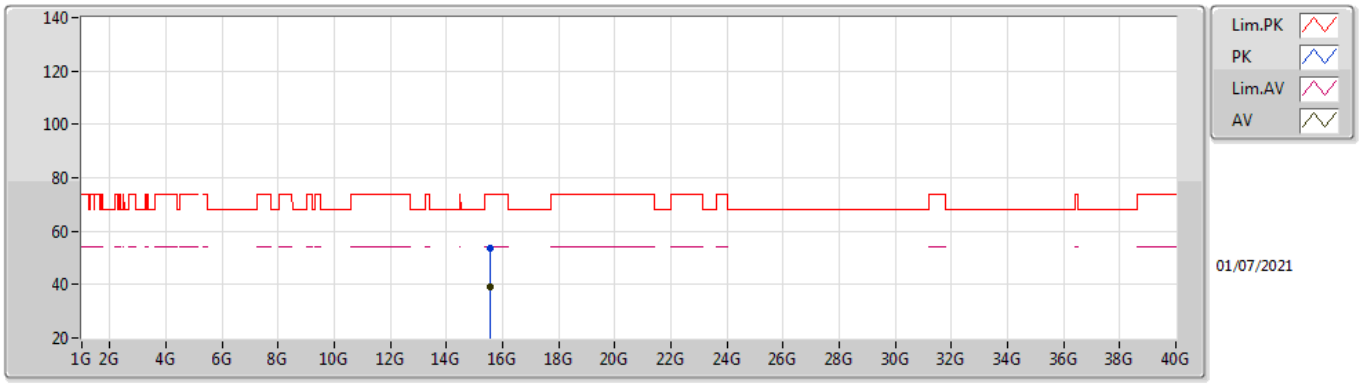


EUT Z_4TX_Dipole
Setting 77
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.57396G	53.40	74.00	-20.60	39.52	3	Vertical	58	2.21	-	37.68	9.05	32.85
AV	15.56766G	39.47	54.00	-14.53	25.57	3	Vertical	58	2.21	-	37.70	9.05	32.85

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

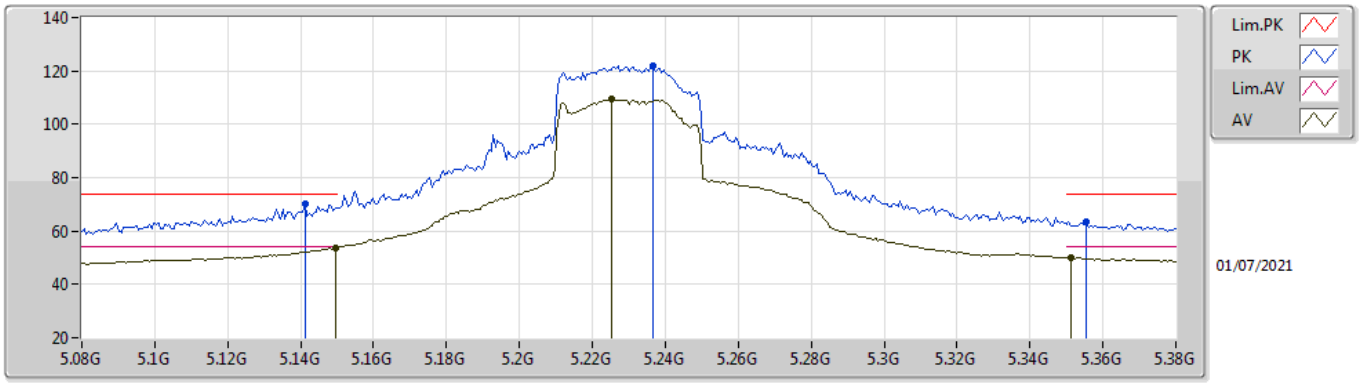


EUT Z_4TX_Dipole
Setting 77
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.57096G	53.40	74.00	-20.60	39.51	3	Horizontal	70.6	2.06	-	37.69	9.05	32.85
AV	15.56604G	39.37	54.00	-14.63	25.47	3	Horizontal	70.6	2.06	-	37.70	9.05	32.85

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

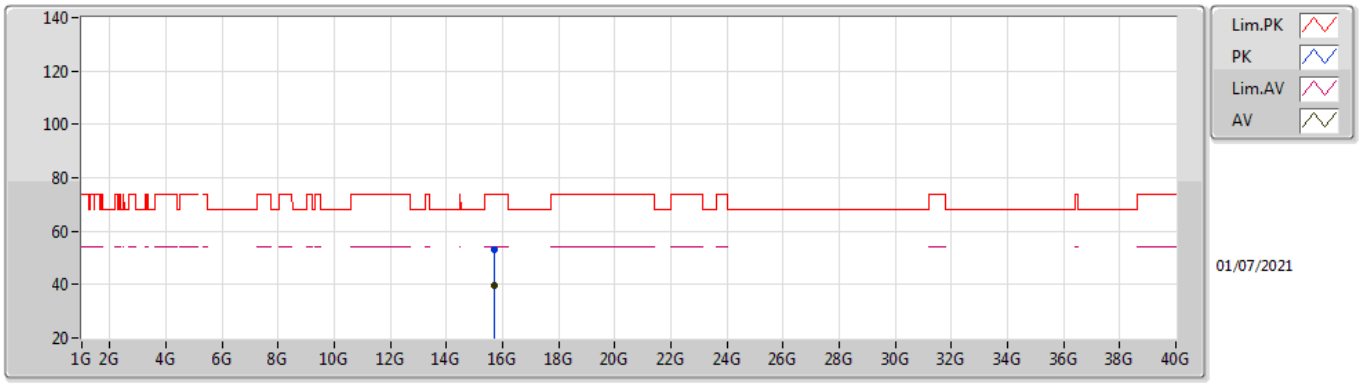


EUT Z_4TX_Dipole
Setting 105
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1412G	69.93	74.00	-4.07	63.19	3	Vertical	23	2.78	-	33.50	4.98	31.74
AV	5.1496G	53.76	54.00	-0.24	46.99	3	Vertical	23	2.78	-	33.50	5.00	31.73
PK	5.2366G	121.89	Inf	-Inf	114.90	3	Vertical	23	2.78	-	33.57	5.08	31.66
AV	5.2252G	109.63	Inf	-Inf	102.66	3	Vertical	23	2.78	-	33.55	5.09	31.67
PK	5.3554G	63.56	74.00	-10.44	56.41	3	Vertical	23	2.78	-	33.71	5.02	31.58
AV	5.3512G	50.04	54.00	-3.96	42.90	3	Vertical	23	2.78	-	33.70	5.02	31.58

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

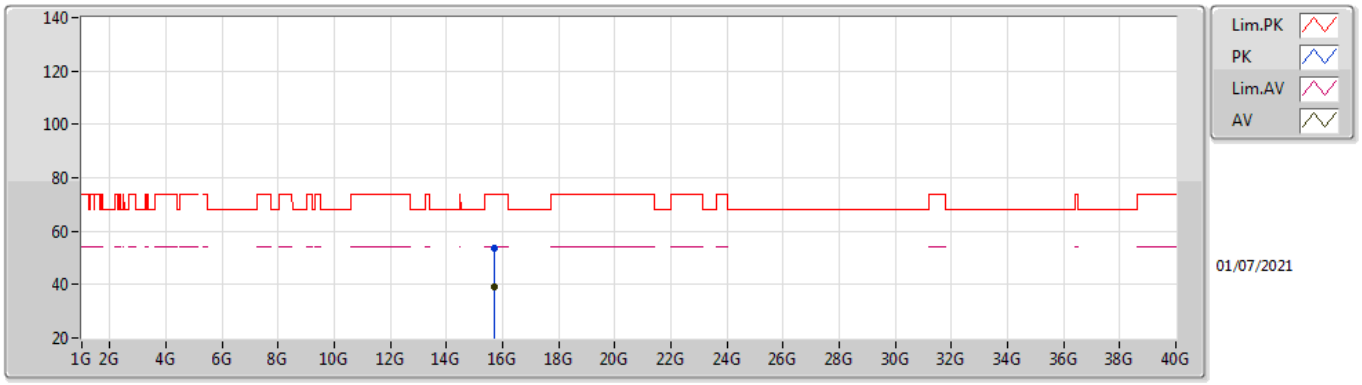


EUT Z_4TX_Dipole
Setting 105
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.68724G	53.36	74.00	-20.64	39.69	3	Vertical	211.1	2.05	-	37.43	9.09	32.85
AV	15.6876G	39.47	54.00	-14.53	25.82	3	Vertical	211.1	2.05	-	37.42	9.09	32.86

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

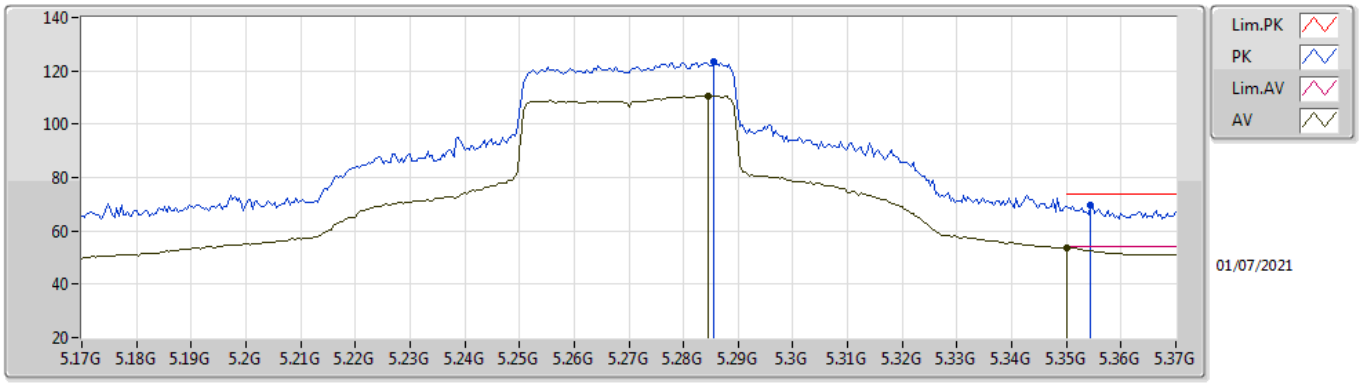


EUT Z_4TX_Dipole
Setting 105
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.68751G	53.43	74.00	-20.57	39.78	3	Horizontal	83.3	1.72	-	37.42	9.09	32.86
AV	15.68862G	39.13	54.00	-14.87	25.48	3	Horizontal	83.3	1.72	-	37.42	9.09	32.86

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5270MHz_TnomVnom

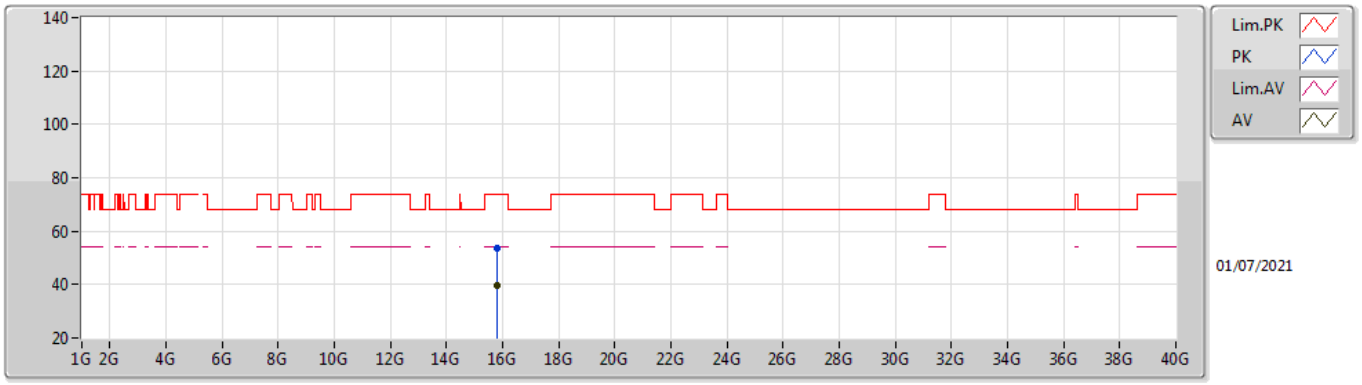


EUT Z_4TX_Dipole
Setting 102
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.2856G	123.26	Inf	-Inf	116.16	3	Vertical	338	1.73	-	33.67	5.06	31.63
AV	5.2844G	110.75	Inf	-Inf	103.65	3	Vertical	338	1.73	-	33.67	5.06	31.63
PK	5.3544G	69.49	74.00	-4.51	62.34	3	Vertical	338	1.73	-	33.71	5.02	31.58
AV	5.35G	53.73	54.00	-0.27	46.58	3	Vertical	338	1.73	-	33.70	5.03	31.58

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5270MHz_TnomVnom

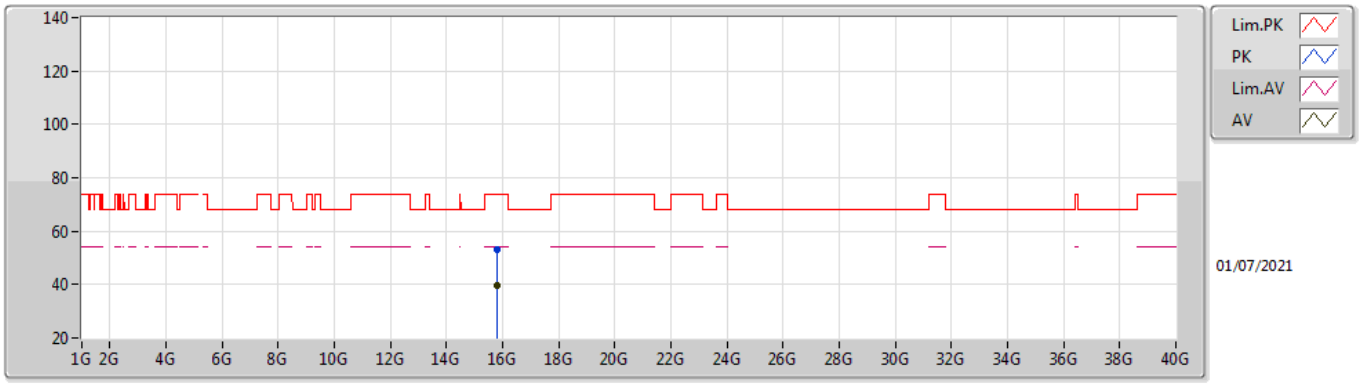


EUT Z_4TX_Dipole
Setting 102
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.80304G	53.70	74.00	-20.30	40.03	3	Vertical	238.7	1.73	-	37.40	9.13	32.86
AV	15.81102G	39.53	54.00	-14.47	25.85	3	Vertical	238.7	1.73	-	37.41	9.13	32.86

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5270MHz_TnomVnom

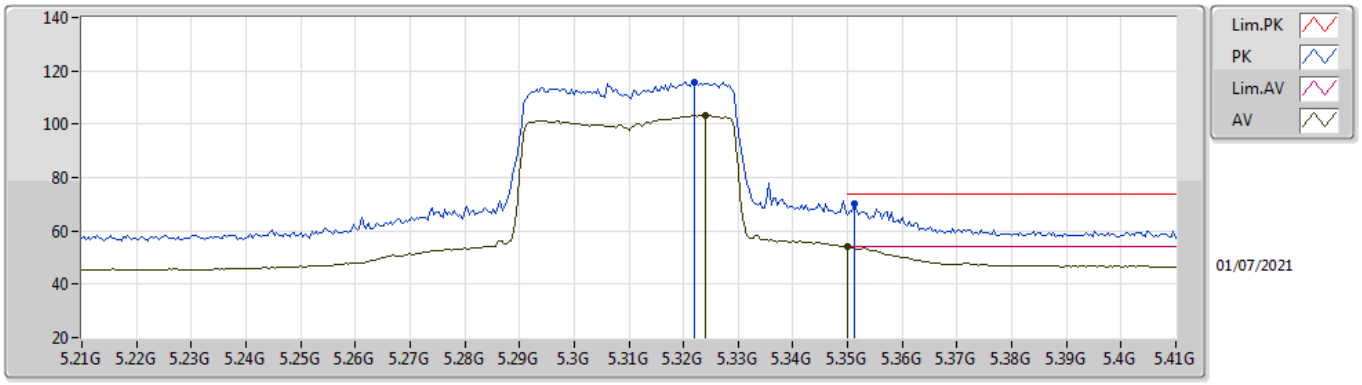


EUT Z_4TX_Dipole
Setting 102
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.8064G	53.24	74.00	-20.76	39.56	3	Horizontal	262.8	1.81	-	37.41	9.13	32.86
AV	15.81492G	39.52	54.00	-14.48	25.84	3	Horizontal	262.8	1.81	-	37.41	9.14	32.87

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5310MHz_TnomVnom

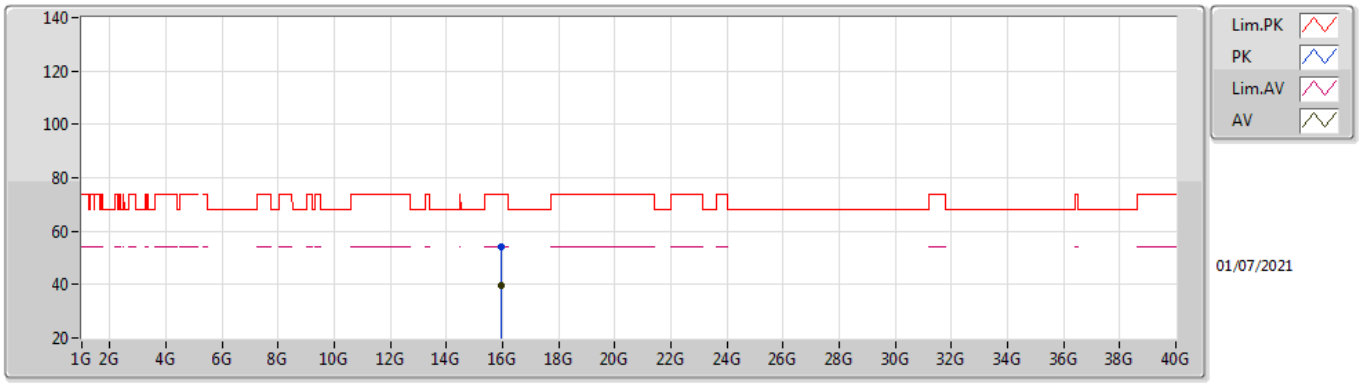


EUT Z_4TX_Dipole
Setting 76
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.322G	115.82	Inf	-Inf	108.68	3	Vertical	207	2.03	-	33.70	5.04	31.60
AV	5.324G	103.35	Inf	-Inf	96.21	3	Vertical	207	2.03	-	33.70	5.04	31.60
PK	5.3512G	70.09	74.00	-3.91	62.95	3	Vertical	207	2.03	-	33.70	5.02	31.58
AV	5.35G	53.91	54.00	-0.09	46.76	3	Vertical	207	2.03	-	33.70	5.03	31.58

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5310MHz_TnomVnom

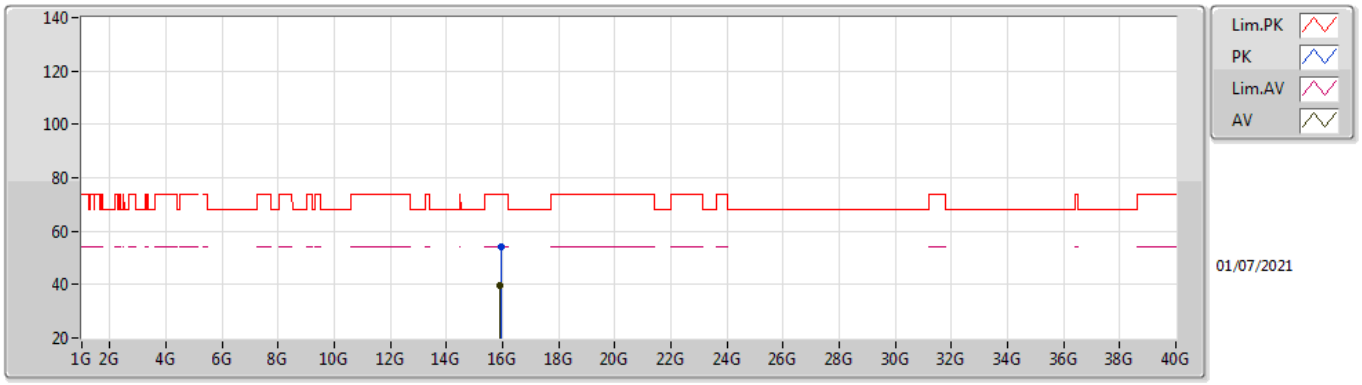


EUT Z_4TX_Dipole
Setting 76
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.92808G	53.92	74.00	-20.08	40.15	3	Vertical	199.3	1.89	-	37.47	9.17	32.87
AV	15.93492G	39.70	54.00	-14.30	25.92	3	Vertical	199.3	1.89	-	37.47	9.18	32.87

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5310MHz_TnomVnom

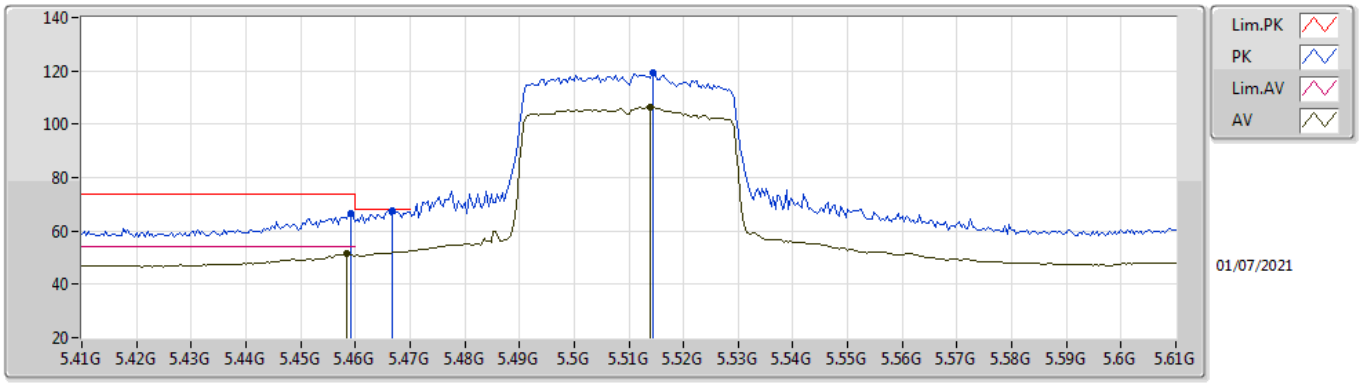


EUT Z_4TX_Dipole
Setting 76
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.92928G	54.33	74.00	-19.67	40.55	3	Horizontal	178	1.94	-	37.47	9.18	32.87
AV	15.9231G	39.64	54.00	-14.36	25.86	3	Horizontal	178	1.94	-	37.48	9.17	32.87

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5510MHz_TnomVnom

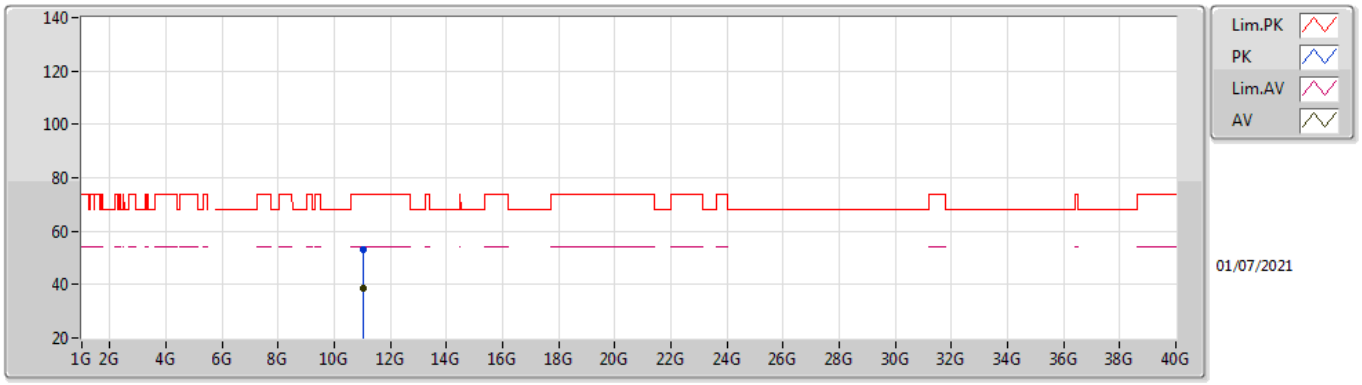


EUT Z_4TX_Dipole
Setting 76
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4592G	66.33	74.00	-7.67	58.87	3	Vertical	211	2.32	-	33.90	5.06	31.50
AV	5.4584G	51.65	54.00	-2.35	44.19	3	Vertical	211	2.32	-	33.90	5.06	31.50
PK	5.4668G	67.37	68.20	-0.83	59.89	3	Vertical	211	2.32	-	33.90	5.07	31.49
PK	5.5144G	119.48	Inf	-Inf	111.94	3	Vertical	211	2.32	-	33.90	5.11	31.47
AV	5.514G	106.24	Inf	-Inf	98.70	3	Vertical	211	2.32	-	33.90	5.11	31.47

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5510MHz_TnomVnom

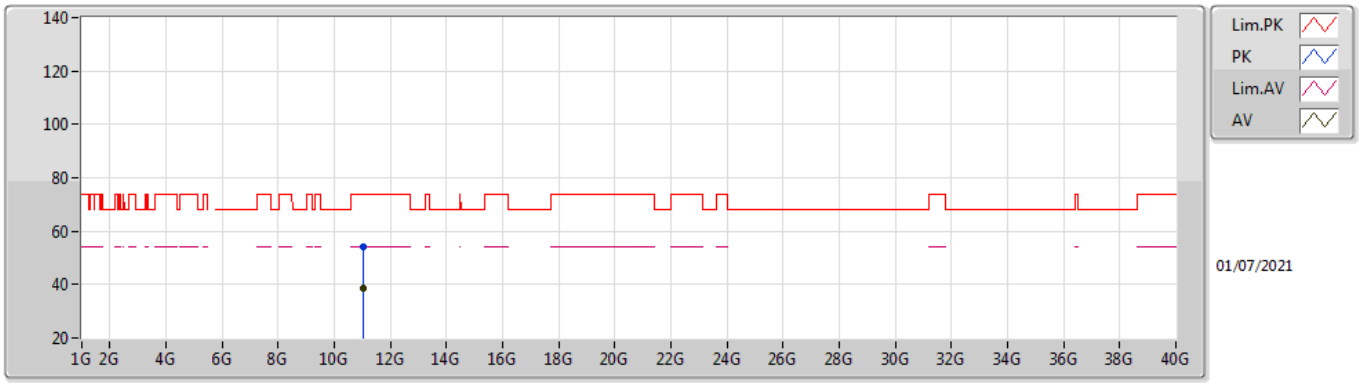


EUT Z_4TX_Dipole
Setting 76
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.01991G	53.07	74.00	-20.93	39.86	3	Vertical	11	2.10	-	38.52	7.46	32.77
AV	11.01802G	38.70	54.00	-15.30	25.49	3	Vertical	11	2.10	-	38.52	7.46	32.77

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5510MHz_TnomVnom

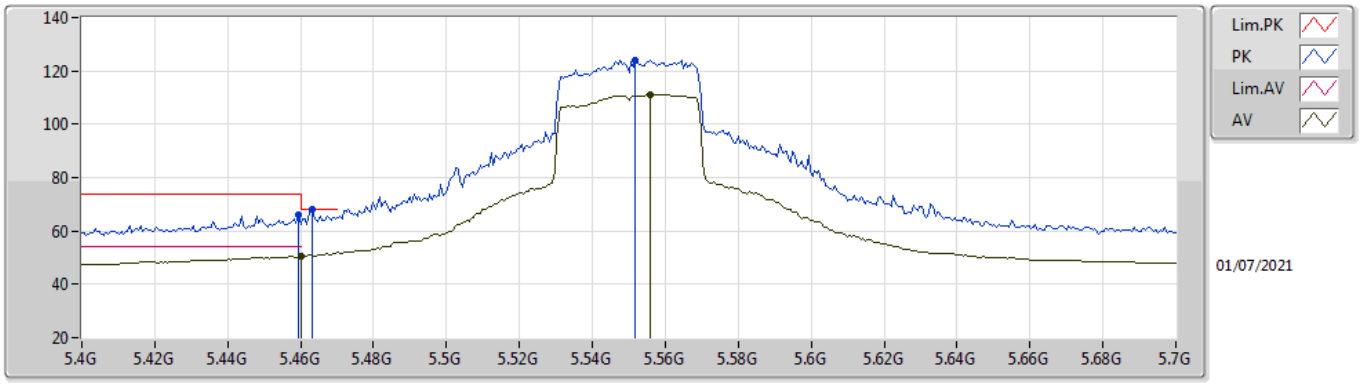


EUT Z_4TX_Dipole
Setting 76
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.01415G	53.99	74.00	-20.01	40.79	3	Horizontal	247	1.92	-	38.51	7.45	32.76
AV	11.0143G	38.70	54.00	-15.30	25.49	3	Horizontal	247	1.92	-	38.51	7.46	32.76

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5550MHz_TnomVnom

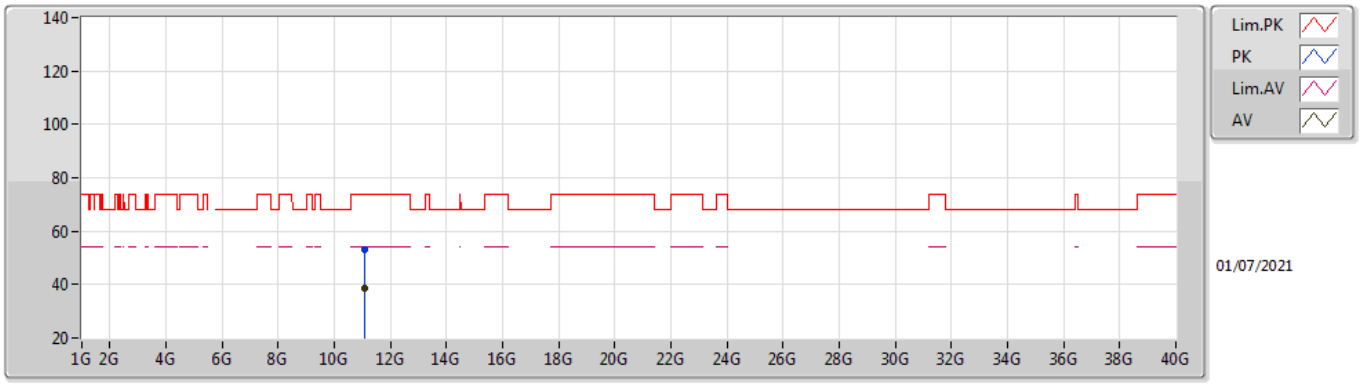


EUT Z_4TX_Dipole
Setting 100
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4594G	66.11	74.00	-7.89	58.65	3	Vertical	339	1.78	-	33.90	5.06	31.50
AV	5.46G	50.57	54.00	-3.43	43.11	3	Vertical	339	1.78	-	33.90	5.06	31.50
PK	5.463G	68.02	68.20	-0.18	60.56	3	Vertical	339	1.78	-	33.90	5.06	31.50
PK	5.5518G	124.03	Inf	-Inf	116.45	3	Vertical	339	1.78	-	33.90	5.15	31.47
AV	5.556G	111.24	Inf	-Inf	103.65	3	Vertical	339	1.78	-	33.90	5.16	31.47

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5550MHz_TnomVnom

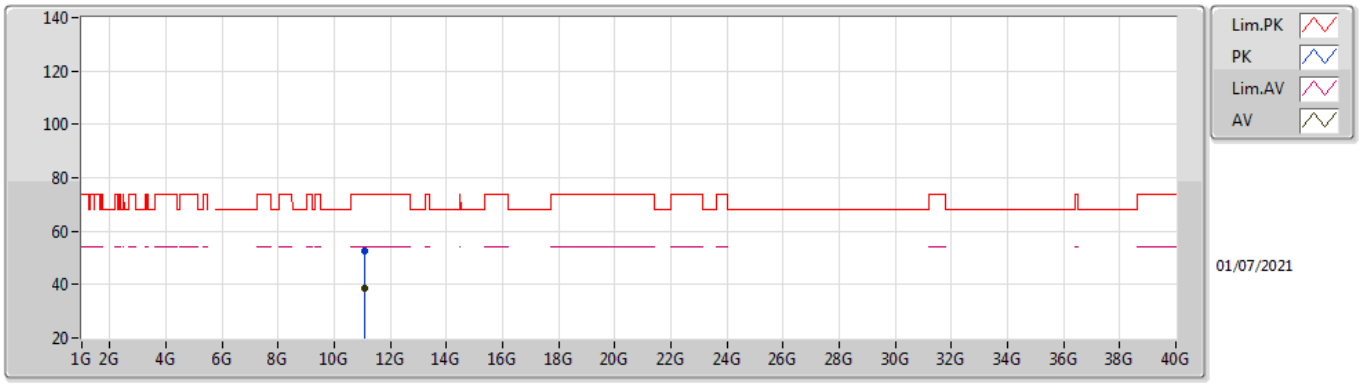


EUT Z_4TX_Dipole
Setting 100
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.09439G	52.98	74.00	-21.02	39.70	3	Vertical	256	1.17	-	38.59	7.48	32.79
AV	11.10129G	38.45	54.00	-15.55	25.15	3	Vertical	256	1.17	-	38.60	7.49	32.79

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5550MHz_TnomVnom

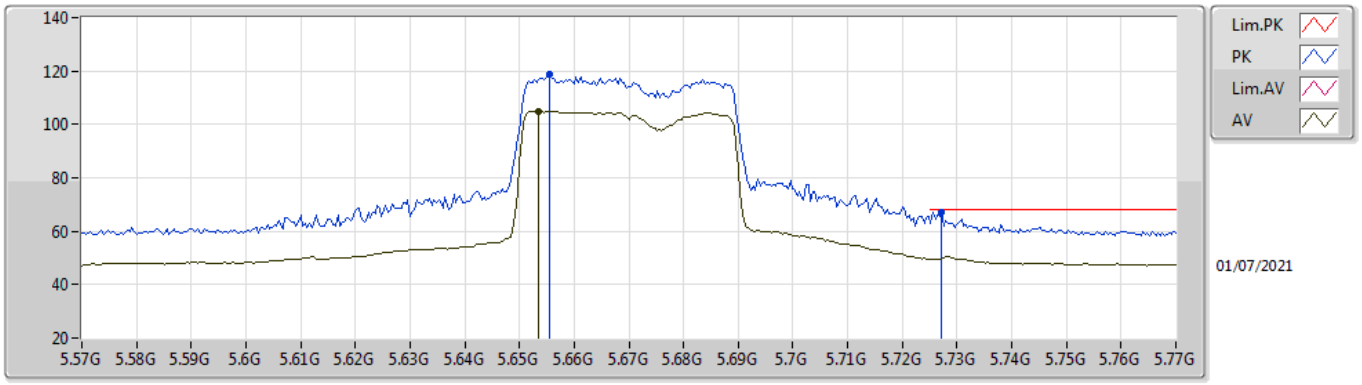


EUT Z_4TX_Dipole
Setting 100
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.09982G	52.59	74.00	-21.41	39.30	3	Horizontal	286	1.85	-	38.60	7.48	32.79
AV	11.10039G	38.50	54.00	-15.50	25.20	3	Horizontal	286	1.85	-	38.60	7.49	32.79

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5670MHz_TnomVnom

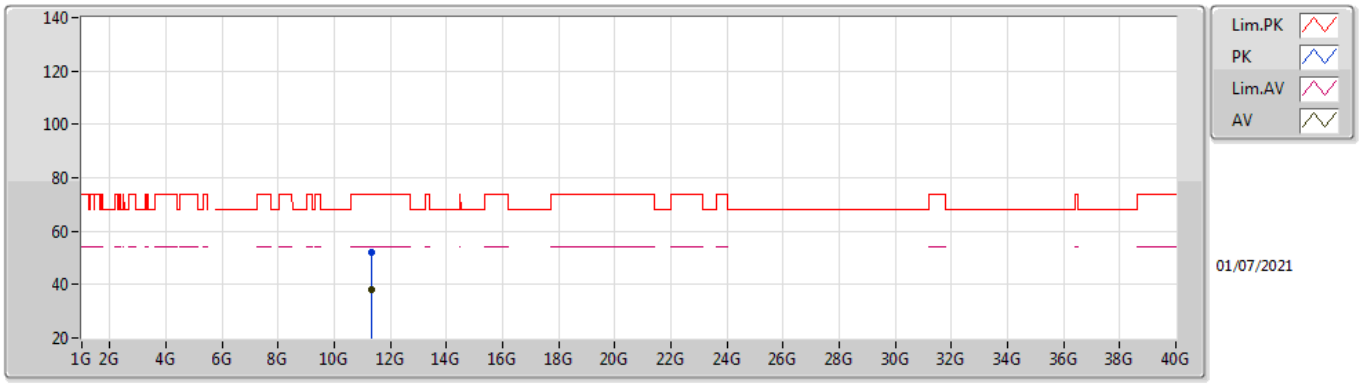


EUT Z_4TX_Dipole
Setting 80
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6556G	118.68	Inf	-Inf	111.21	3	Vertical	108	2.08	-	33.79	5.14	31.46
AV	5.6536G	104.89	Inf	-Inf	97.41	3	Vertical	108	2.08	-	33.79	5.15	31.46
PK	5.7272G	66.87	68.20	-1.33	59.51	3	Vertical	108	2.08	-	33.75	5.07	31.46

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5670MHz_TnomVnom

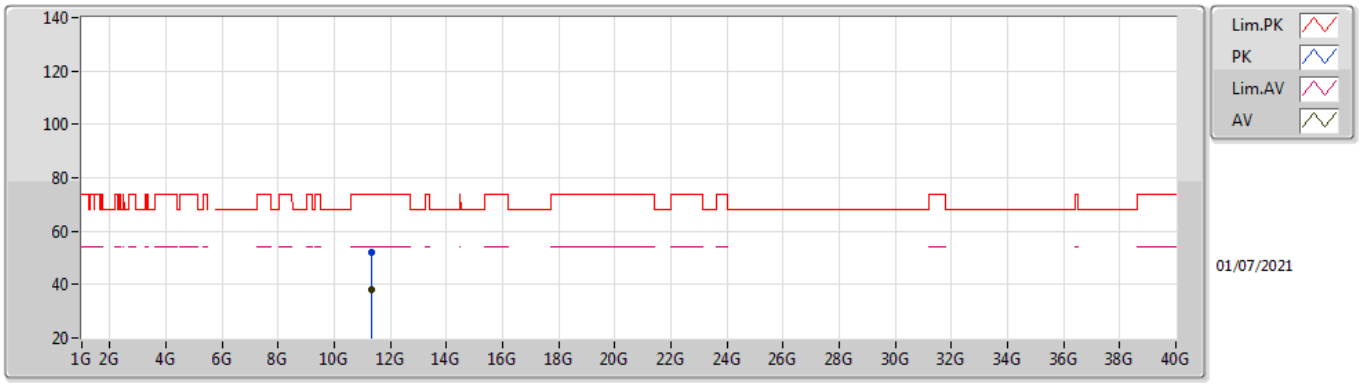


EUT Z_4TX_Dipole
Setting 80
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.33754G	52.24	74.00	-21.76	38.80	3	Vertical	97	2.36	-	38.74	7.57	32.87
AV	11.33784G	37.91	54.00	-16.09	24.47	3	Vertical	97	2.36	-	38.74	7.57	32.87

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5670MHz_TnomVnom

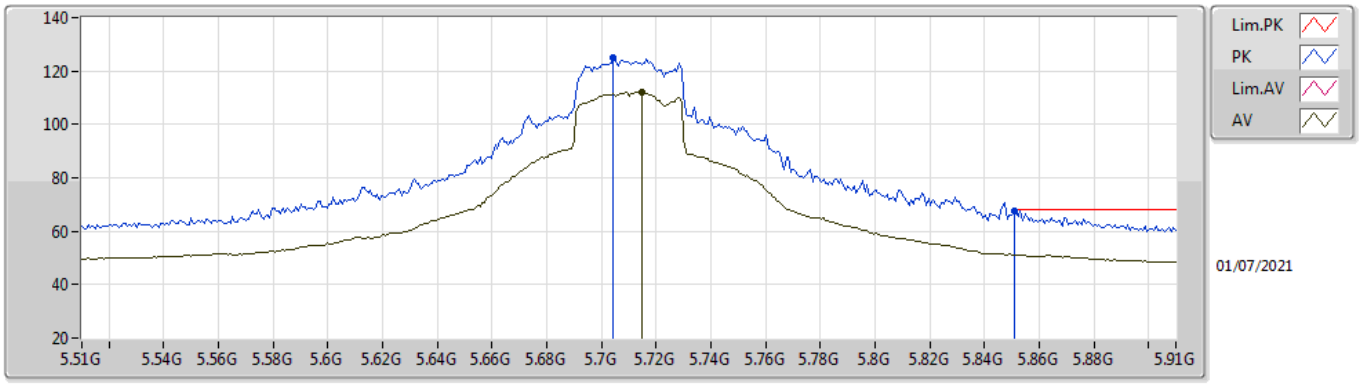


EUT Z_4TX_Dipole
Setting 80
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.33742G	52.25	74.00	-21.75	38.81	3	Horizontal	125	2.35	-	38.74	7.57	32.87
AV	11.33949G	38.03	54.00	-15.97	24.60	3	Horizontal	125	2.35	-	38.74	7.57	32.88

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TnomVnom

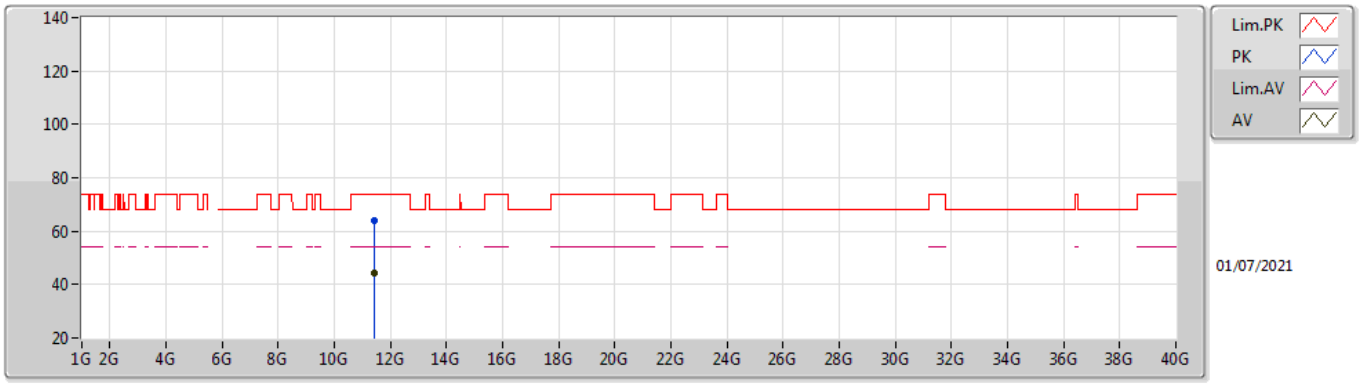


EUT Z_4TX_Dipole
Setting 112
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7044G	125.14	Inf	-Inf	117.79	3	Vertical	206	2.04	-	33.71	5.10	31.46
AV	5.7148G	111.97	Inf	-Inf	104.61	3	Vertical	206	2.04	-	33.73	5.09	31.46
PK	5.8508G	67.69	68.20	-0.51	60.20	3	Vertical	206	2.04	-	33.80	5.15	31.46

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TnomVnom

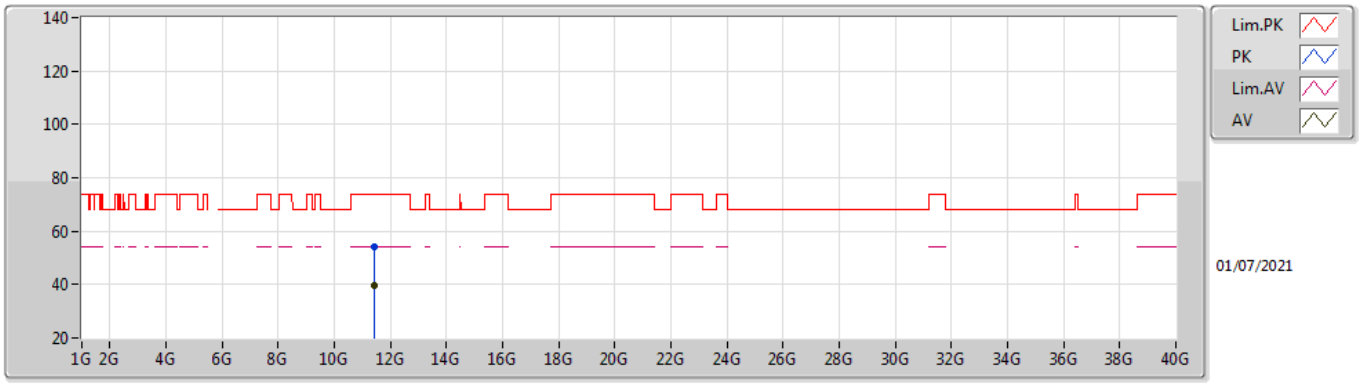


EUT Z_4TX_Dipole
Setting 112
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.41991G	63.83	74.00	-10.17	50.29	3	Vertical	94	1.80	-	38.84	7.60	32.90
AV	11.41262G	44.07	54.00	-9.93	30.55	3	Vertical	94	1.80	-	38.83	7.59	32.90

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TnomVnom

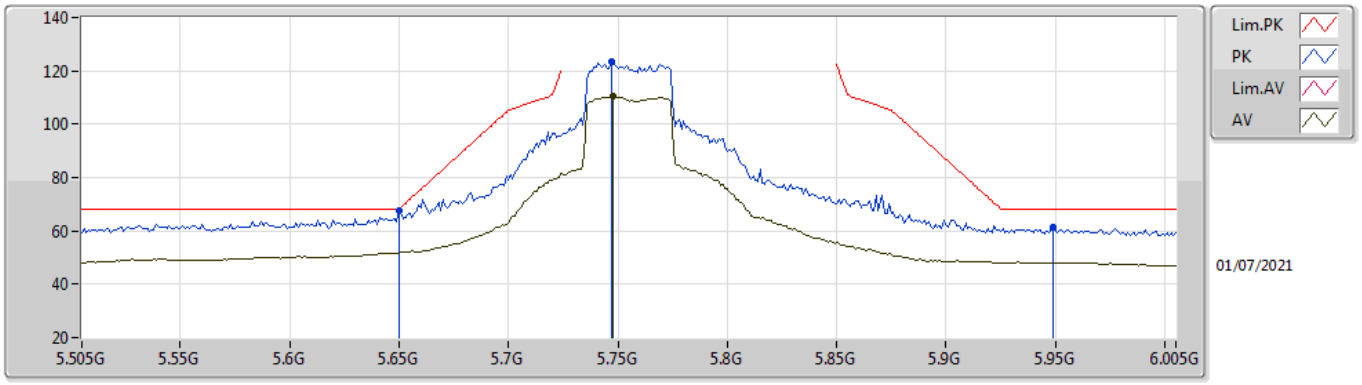


EUT Z_4TX_Dipole
Setting 112
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.42102G	53.92	74.00	-20.08	40.38	3	Horizontal	298.6	2.11	-	38.84	7.60	32.90
AV	11.41316G	39.49	54.00	-14.51	25.97	3	Horizontal	298.6	2.11	-	38.83	7.59	32.90

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

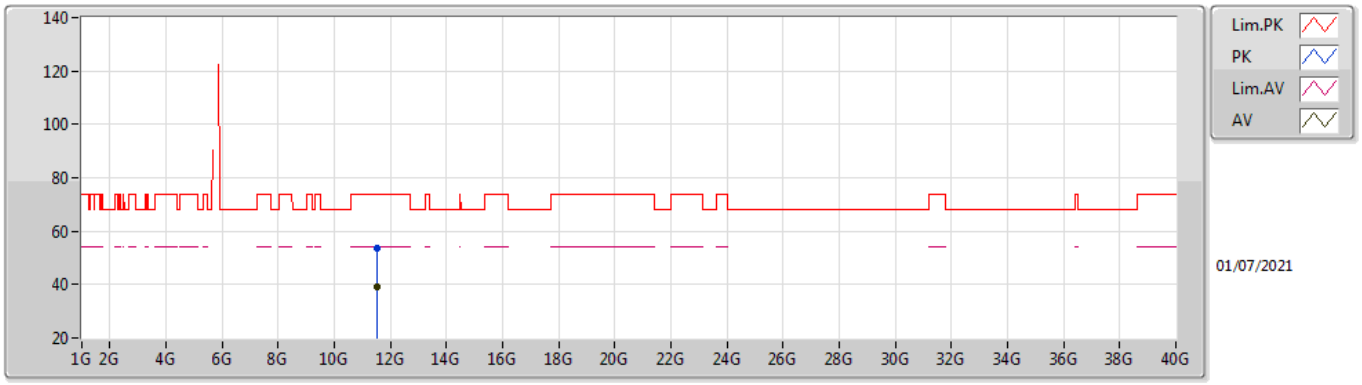


EUT Z_4TX_Dipole
Setting 103
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	67.82	68.20	-0.38	60.33	3	Vertical	208	1.99	-	33.80	5.15	31.46
PK	5.747G	123.51	Inf	-Inf	116.13	3	Vertical	208	1.99	-	33.79	5.05	31.46
AV	5.748G	110.27	Inf	-Inf	102.88	3	Vertical	208	1.99	-	33.80	5.05	31.46
PK	5.949G	61.17	68.20	-7.03	53.07	3	Vertical	208	1.99	-	34.10	5.45	31.45

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

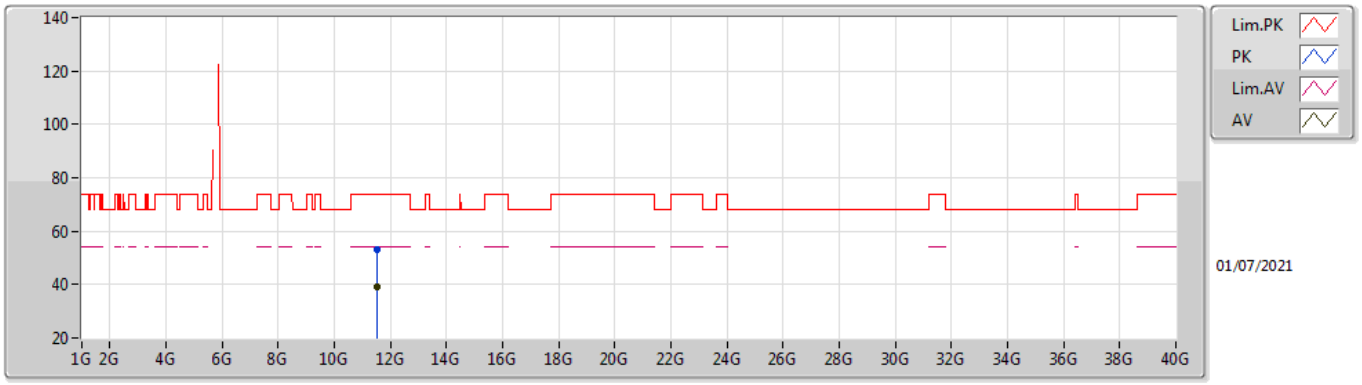


EUT Z_4TX_Dipole
Setting 103
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.50991G	53.37	74.00	-20.63	39.64	3	Vertical	126	1.21	-	39.03	7.63	32.93
AV	11.51255G	38.98	54.00	-15.02	25.24	3	Vertical	126	1.21	-	39.04	7.63	32.93

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

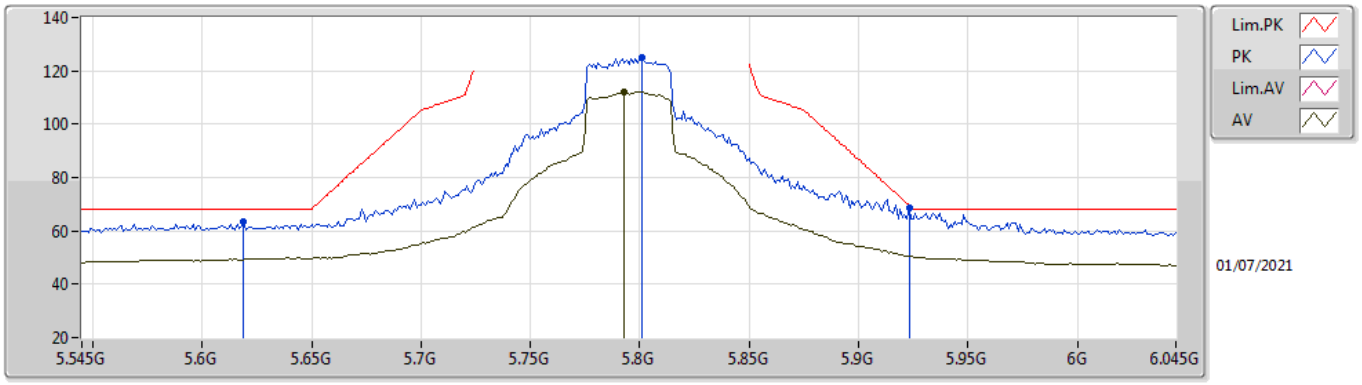


EUT Z_4TX_Dipole
Setting 103
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5139G	53.09	74.00	-20.91	39.35	3	Horizontal	228	2.08	-	39.04	7.63	32.93
AV	11.50286G	38.95	54.00	-15.05	25.24	3	Horizontal	228	2.08	-	39.01	7.63	32.93

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

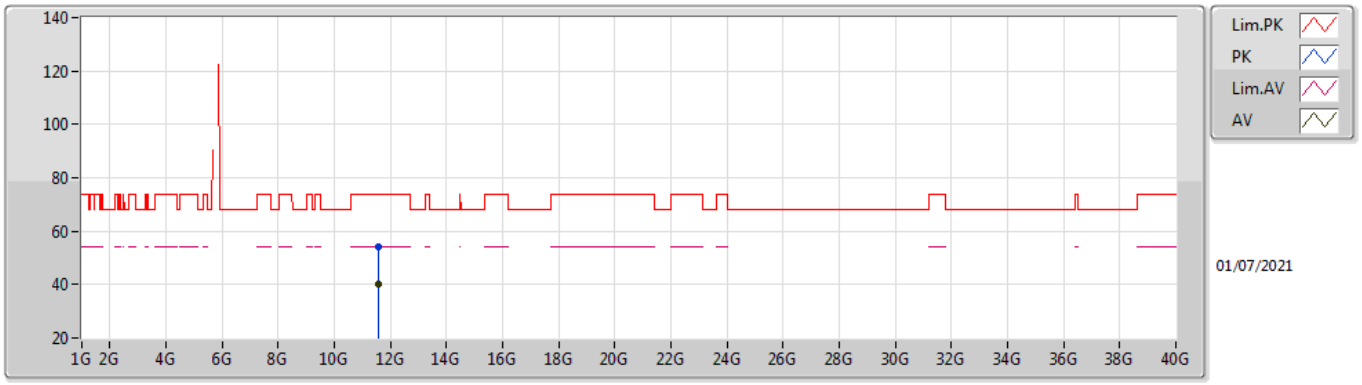


EUT Z_4TX_Dipole
Setting 107
02-B-B-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.619G	63.49	68.20	-4.71	55.92	3	Vertical	108	1.81	-	33.86	5.18	31.47
PK	5.801G	124.87	Inf	-Inf	117.63	3	Vertical	108	1.81	-	33.70	5.00	31.46
AV	5.793G	112.16	Inf	-Inf	104.90	3	Vertical	108	1.81	-	33.71	5.01	31.46
PK	5.923G	68.62	69.68	-1.06	60.65	3	Vertical	108	1.81	-	34.05	5.37	31.45

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TnomVnom



EUT Z_4TX_Dipole
Setting 107
02-B-B-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.58496G	54.35	74.00	-19.65	40.38	3	Vertical	79	1.80	-	39.25	7.65	32.93
AV	11.59033G	40.07	54.00	-13.93	26.07	3	Vertical	79	1.80	-	39.27	7.66	32.93