Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	2AHKM-CODA5834
Equipment	:	DOCSIS 3.1 Wi-Fi 6E Tri-Band EMTA Gateway
Brand Name	:	Hitron
Model Name	:	CODA5X3X (Please refer to section 1.1.5 of the test report for detailed information.)
Applicant	:	Hitron Technologies Inc. No. 1-8, Li-Hsin 1st Rd. Hsinchu Science Park, Hsinchu 30078, Taiwan
Manufacturer	:	Hitron Technologies Inc. No. 1-8, Li-Hsin 1st Rd. Hsinchu Science Park, Hsinchu 30078, Taiwan
Standard	:	47 CFR FCC Part 15.407

The product was received on May 05, 2022, and testing was started from Aug. 20, 2022 and completed on Dec. 01, 2022.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
FR250531AB	01	Initial issue of report	Dec. 21, 2022

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:

1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
2. The measurement uncertainty please refer to report "Measurement Uncertainty".

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Wendy Pan

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-520	100-144 [12]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

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

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

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

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM 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	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	SPEED	S-D5-49-6003-004-00	Dipole	I-PEX	Note
2	2	SPEED	S-D5-49-6003-003-00	Dipole	I-PEX	
3	3	SPEED	S-D5-49-6003-002-00	Dipole	I-PEX	
4	4	SPEED	S-D5-49-6003-001-00	Dipole	I-PEX	
5	1	SPEED	S-D5-49-6003-008-00	Dipole	I-PEX	
6	2	SPEED	S-D5-49-6003-007-00	Dipole	I-PEX	
7	3	SPEED	S-D5-49-6003-006-00	Dipole	I-PEX	
8	4	SPEED	S-D5-49-6003-005-00	Dipole	I-PEX	

Note

<Antenna Gain>

Ant.	Antenna Gain (dBi)				
	WLAN 2.4GHz	WLAN 5GHz			
		UNII 1	UNII 2A	UNII 2C	UNII 3
1	3.55	2.97	2.91	2.09	2.15
2	4.09	3.07	3.49	2.73	3.31
3	3.16	3.19	4	3.11	2.83
4	2.17	2.4	3.04	2.44	2.25

Frequency (MHz)	WLAN 6GHz Antenna Gain (dBi)			
	Ant.5	Ant.6	Ant.7	Ant.8
5925	4.4	5.8	5.3	3.1
6125	4.2	5.3	4.1	2.5
6225	5.0	5.6	4.8	2.9
6325	3.5	3.6	2.8	1.6
6425	3.7	5.1	4.6	3.2
6525	2.3	3.6	4.7	2.5
6625	3.4	5.9	5.4	3.8
6725	3.0	5.0	5.1	3.5
6875	4.1	5.8	5.6	3.2
6925	3.6	4.5	5.8	3.2
7125	3.8	5.0	5.3	3.1

< Directional Gain>

Item	Directional Gain (dBi)				
	WLAN 2.4GHz	WLAN 5GHz			
		UNII 1	UNII 2A	UNII 2C	UNII 3
4T1S	5.17	4.87	4.61	3.59	4
4T2S	4.09	3.19	4	3.11	3.31
4T4S	4.09	3.19	4	3.11	3.31

Note: The above information (except gain of Ant.1~4) was declared by manufacturer.
The antenna gain and directional gain of the 2.4GHz/5GHz are measured which follow the procedure of KDB 662911 D03.

For WLAN 2.4GHz function:

For 802.11b/g/n/VHT/ax (4TX/4RX):

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

For WLAN 5GHz function:

For 802.11a/n/ac/ax (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.
For 6GHz function:
For 802.11ax (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.945	0.25	1.978m	1k
802.11ax HEW20	0.863	0.64	5.448m	300
802.11ax HEW20-BF	0.863	0.64	5.448m	300
802.11ax HEW40	0.863	0.64	5.448m	300
802.11ax HEW40-BF	0.863	0.64	5.448m	300
802.11ax HEW80	0.864	0.63	5.448m	300
802.11ax HEW80-BF	0.864	0.63	5.448m	300
802.11ax HEW160	0.939	0.27	5.448m	300
802.11ax HEW160-BF	0.939	0.27	5.448m	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 ax in 2.4GHz, n/ac/ax in 5GHz and ax in 6GHz.			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
TPC Function	☒	With TPC	☐	Without TPC
Channel Puncturing Function	☐	Supported	☒	Unsupported
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	QSPR.exe Version 5.0-00197			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

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

Model Name	Description
CODA5X3X	CODA5X3X : The X in model name can be 0 to 9, A to Z or blank, for marketing purpose.

Note 1: From the above model: CODA5834 was selected as representative model for the test and its data was recorded in this 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 D03 v01
- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Brian Sun	24.2-24.6 / 57-62	Aug. 23, 2022~ Nov. 07, 2022
Radiated<1GHz	03CH05-CB	Simmon Zheng	24.2-25.3 / 56-59	Nov. 30, 2022
Radiated>1GHz	03CH02-CB	Gordon Hung	23.8-24.9 / 55-58	Aug. 20, 2022~ Nov. 30, 2022
Radiated Co-location	03CH05-CB	Gordon Hung	24.2-25.3 / 56-59	Aug. 20, 2022~ Nov. 30, 2022
AC Conduction	CO02-CB	Joe Chu	23~24 / 56~57	Dec. 01, 2022

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)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	19.5
5200MHz	19.5
5240MHz	19.5
5260MHz	17.5
5300MHz	18
5320MHz	17.5
5500MHz	17
5580MHz	17
5700MHz	17.5
5720MHz Straddle 5.47-5.725GHz	18
5720MHz Straddle 5.725-5.85GHz	18
5745MHz	21.5
5785MHz	22
5825MHz	22
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	19
5200MHz	18.5
5240MHz	18.5
5260MHz	18
5300MHz	18.5
5320MHz	18
5500MHz	17
5580MHz	17
5700MHz	17.5
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
5745MHz	21
5785MHz	21.5
5825MHz	19
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	19
5200MHz	18.5
5240MHz	18.5
5260MHz	18
5300MHz	18.5

Mode	Power Setting
5320MHz	18
5500MHz	17
5580MHz	17
5700MHz	17.5
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
5745MHz	21
5785MHz	21.5
5825MHz	19
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	19
5230MHz	19.5
5270MHz	18
5310MHz	18
5510MHz	17
5550MHz	17
5670MHz	18
5710MHz Straddle 5.47-5.725GHz	18
5710MHz Straddle 5.725-5.85GHz	18
5755MHz	21.5
5795MHz	22.5
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	19
5230MHz	19.5
5270MHz	18
5310MHz	18
5510MHz	17
5550MHz	17
5670MHz	18
5710MHz Straddle 5.47-5.725GHz	18
5710MHz Straddle 5.725-5.85GHz	18
5755MHz	21.5
5795MHz	22.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	17
5290MHz	18
5530MHz	16.5
5610MHz	17
5690MHz Straddle 5.47-5.725GHz	18
5690MHz Straddle 5.725-5.85GHz	18

Mode	Power Setting
5775MHz	20
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	17
5290MHz	18
5530MHz	16.5
5610MHz	17
5690MHz Straddle 5.47-5.725GHz	18
5690MHz Straddle 5.725-5.85GHz	18
5775MHz	20
802.11ax HEW160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	16
5250MHz Straddle 5.25-5.35GHz	16
5570MHz	16.5
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	16
5250MHz Straddle 5.25-5.35GHz	16
5570MHz	16.5

Note: 1. 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.

2. The EUT supports non-beamforming and beamforming modes, after evaluating, the non-beamforming mode has been selected to execute all tests. The beamforming mode evaluates the output power only.

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 + 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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
After evaluating, the worst axis was found as below. So the measurement will follow this same test configuration.	
1	EUT in Z axis + Adapter
Operating Mode > 1GHz	CTX
After evaluating, the worst axis was found as below. So the measurement will follow this same test configuration.	
1	EUT in Y axis + Adapter

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
After evaluating, the worst axis was found as below from Emissions in Restricted Frequency Bands above 1GHz. So the measurement will follow this same test configuration.	
1	EUT in Y axis WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz
Refer to Sporton Test Report No.: FA250531 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories				
Equipment Name	**Brand Name**	**Model Name**	**Rating**	**DC cable**
Adapter	Frecom	F60X-120450SPA	INPUT: 100-240~50/60Hz, 1.6A OUTPUT: 12.0V, 4.5A, 54.0W	Non-shielding, 1.5m
Others				
Power cable*1: Non-shielding, 1.2m RJ-45 cable*1: Non-shielding, 1.5m				

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	2.5G WAN NB	DELL	E6430	N/A
B	Phone 1	SAMPO	HT-B 907WL	N/A
C	Phone 2	SAMPO	HT-B 907WL	N/A
D	CO	Jinghong	JH-HE3416B	N/A
F	2.4G NB	DELL	E6430	N/A
G	5G NB	DELL	E6430	N/A
H	1G LAN NB	DELL	E6430	N/A
I	6G NB	DELL	E6430	N/A
J	CO NB	lenov	7458	N/A

For Radiated (below 1GHz):

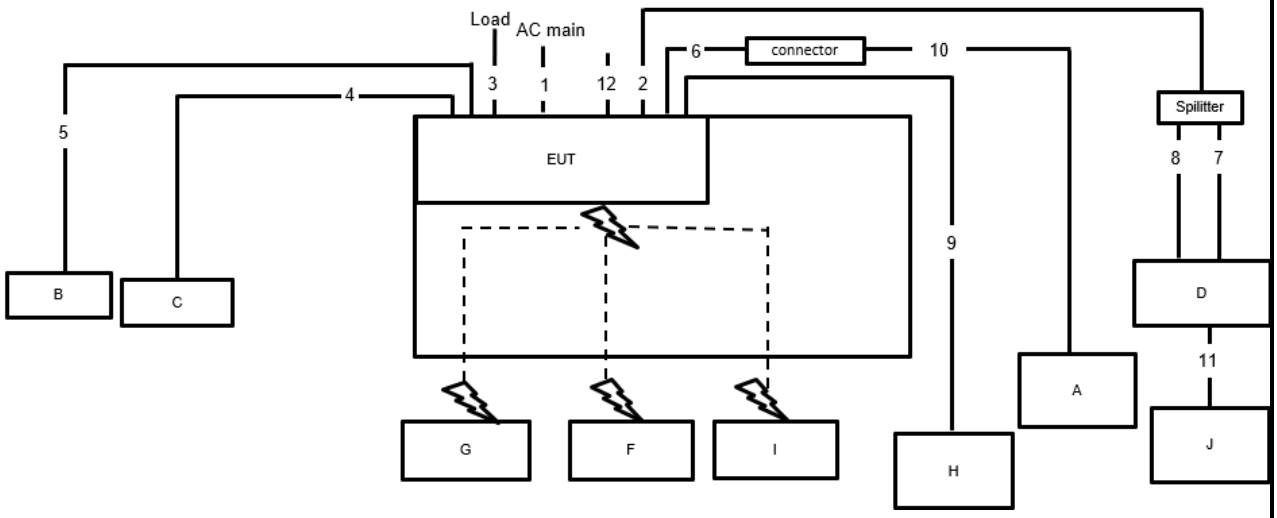
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Terminal System	Jinghong	JH-HE3416B	N/A
B	Notebook(6G WIFI)	DELL	E4300	N/A
C	Notebook(2.4G WIFI)	DELL	E4300	N/A
D	Notebook(5G WIFI)	DELL	E4300	N/A
E	Notebook	DELL	E4300	N/A
F	Phone	SAMPO	HT-B 907WL	N/A
G	Phone	SAMPO	HT-B 907WL	N/A
H	WAN Notebook	DELL	E4300	N/A
I	LAN Notebook	DELL	E4300	N/A

For RF Conducted and Radiated (above 1GHz):

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

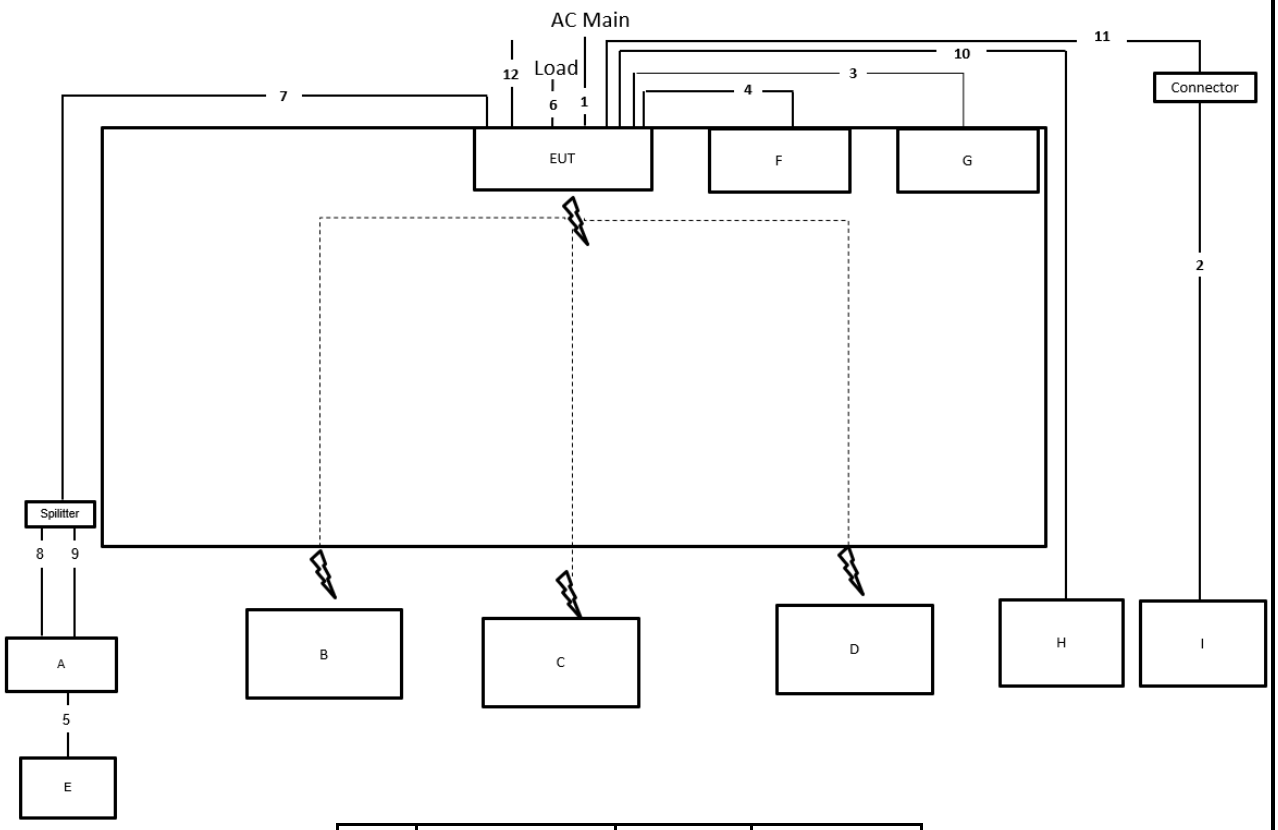
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



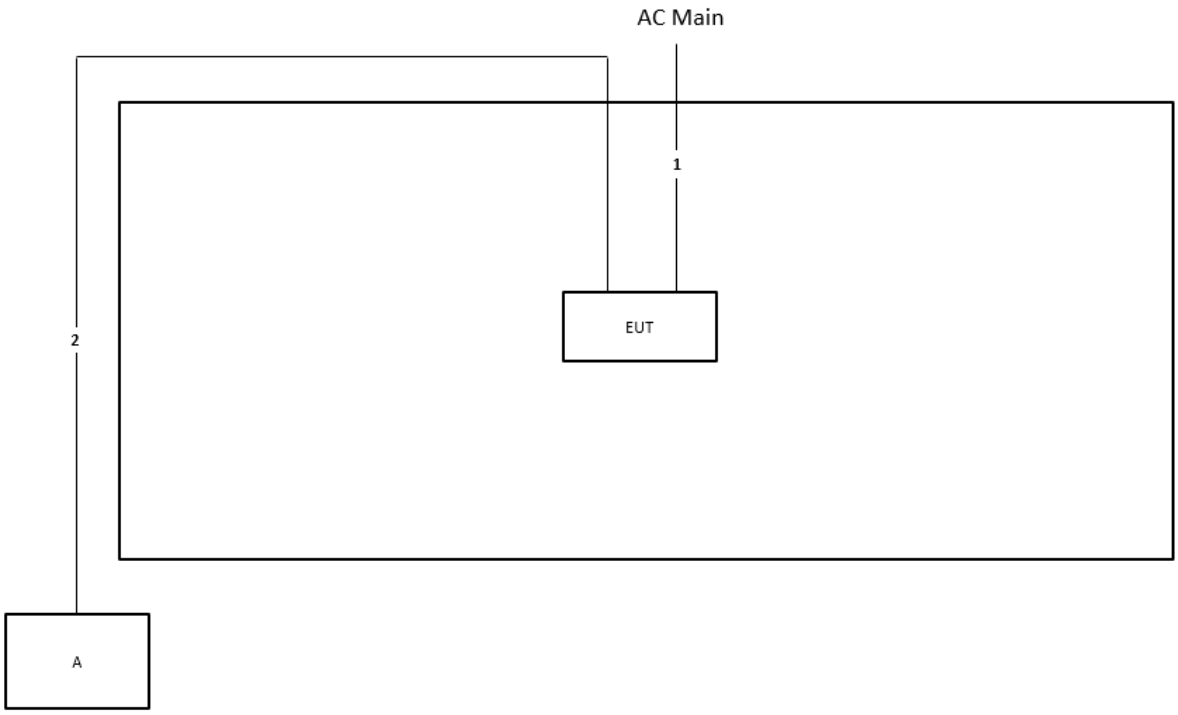
Item	Connection	Shielded	Length
1	Power cable	No	2.7m
2	Coaxial cable	Yes	10m
3	RJ-45 cable	No	1.5m
4	RJ-11 cable	No	10m
5	RJ-11 cable	No	10m
6	RJ-45 cable	No	1.5m
7	Coaxial cable	Yes	1m
8	Coaxial cable	Yes	1m
9	RJ-45 cable	No	10m
10	RJ-45 cable	No	10m
11	RJ-45 cable	No	1m
12	Cable	No	1m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	2.7m
2	RJ-45 cable	No	10m
3	RJ-11 cable	No	1.5m
4	RJ-11 cable	No	1.5m
5	RJ-45 cable	No	1.5m
6	RJ-45 cable	No	1.5m
7	Coaxial cable	Yes	10m
8	Coaxial cable	Yes	1m
9	Coaxial cable	Yes	1m
10	RJ-45 cable	No	10m
11	RJ-45 cable	No	1.5m
12	cable	No	1m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	2.7m
2	RJ-45 cable	No	10m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

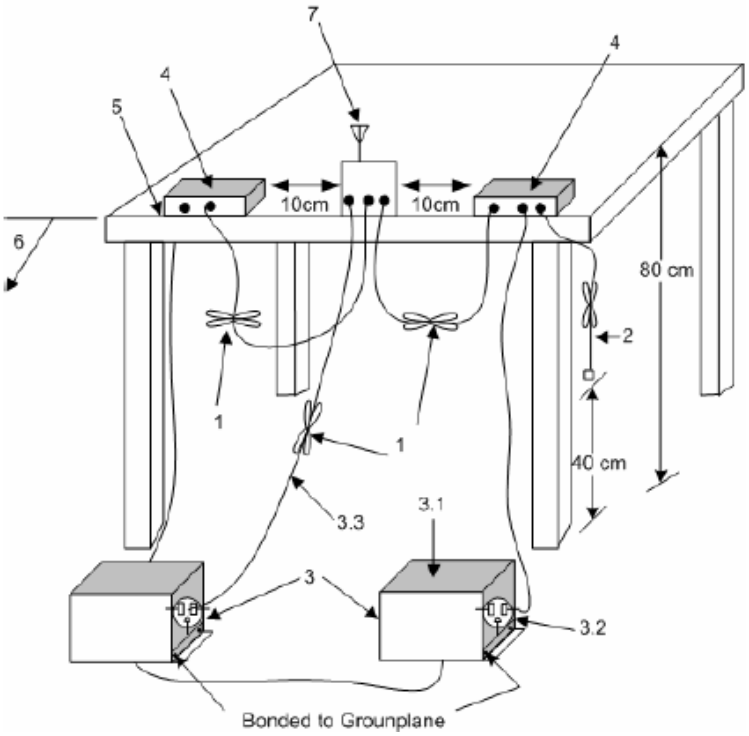
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

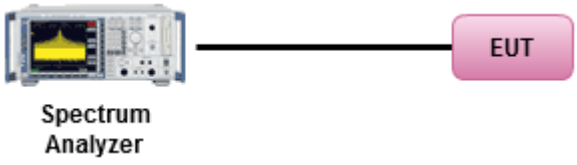
3.2.2 Measuring Instruments

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 D02, 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.
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

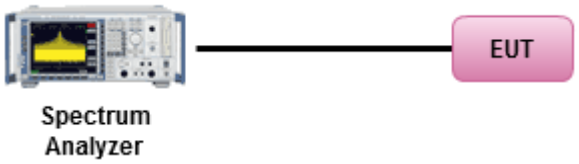
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
	Average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033 D02, 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 D02, 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]) $EIRP_{total} = P_{total} + DG$
☐	For radiated measurement.
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup

For straddle channel mode:

Conducted Measurement (Spectrum Analyzer)


For other mode:

Conducted Measurement (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.
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

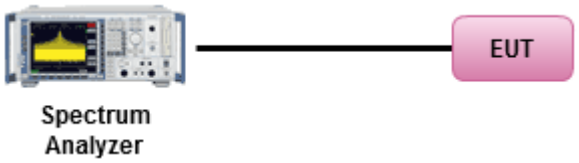
Refer a test equipment and calibration data table in this test report.

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 D02, 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 D02, clause E Method SA-1 (spectral trace averaging).
	☐ Refer as FCC KDB 789033 D02, 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 D02, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033 D02, 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]) $EIRP_{total} = PPSD_{total} + DG$
☐ For radiated measurement.	

Test Method	
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup

Conducted Measurement


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.
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).	

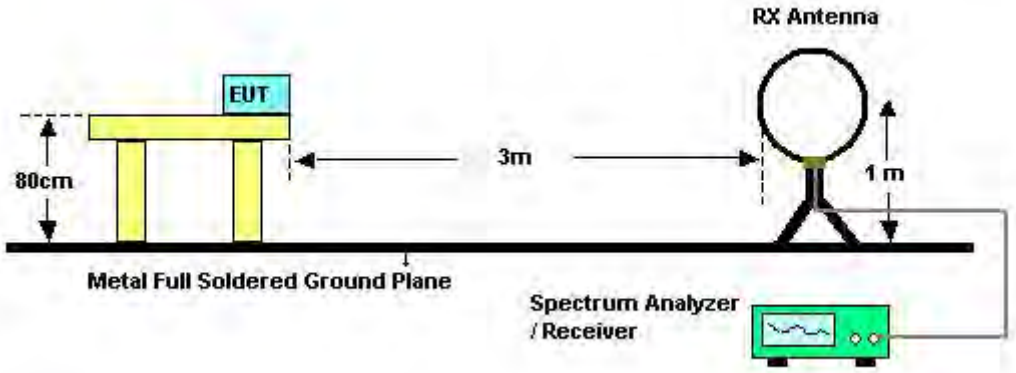
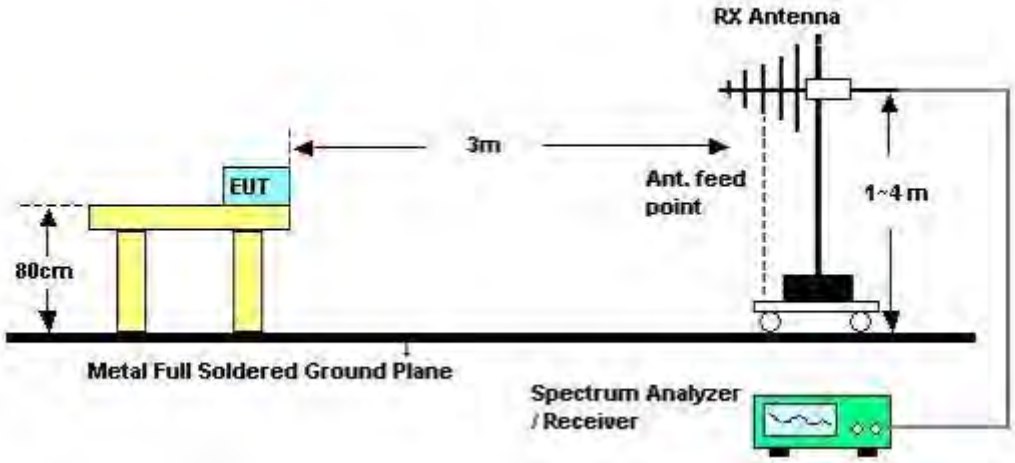
3.5.2 Measuring Instruments

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

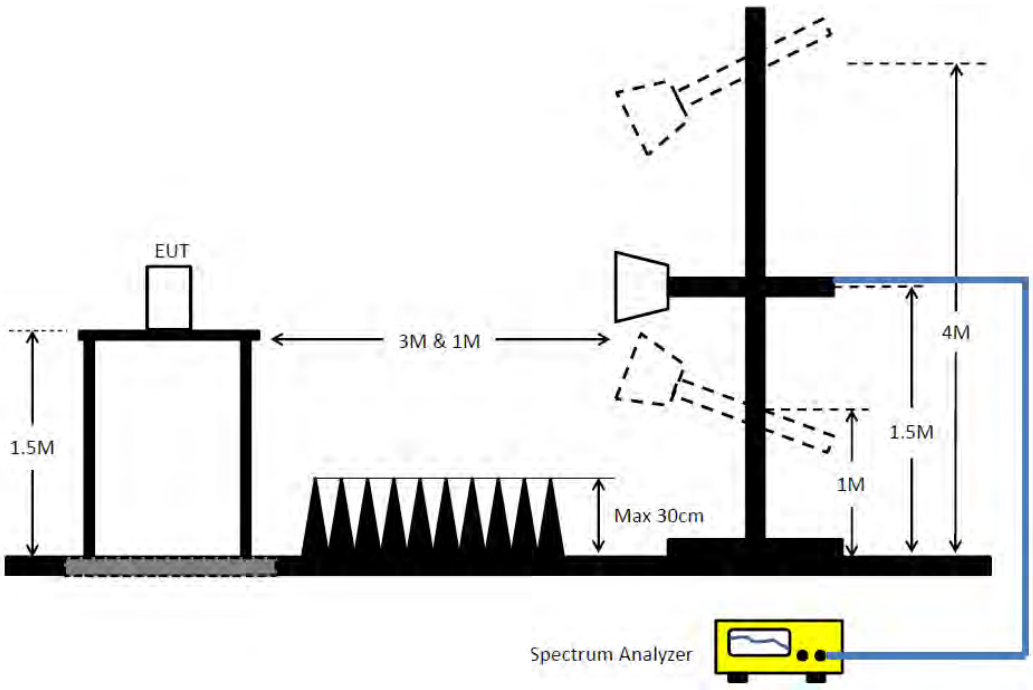
3.5.3 Test Procedures

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 D02, clause G)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).
		☒ Refer as FCC KDB 789033 D02, 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 D02, clause G)5) measurement procedure peak limit.
		☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
▪ For radiated measurement.		
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
▪ The any unwanted emissions level shall not exceed the fundamental emission level.		
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.		

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Jan. 07, 2022	Jan. 06, 2023	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 22, 2021	Dec. 21, 2022	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 06, 2022	May 05, 2023	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 18, 2022	Oct. 17, 2023	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	Oct. 18, 2022	Oct. 17, 2023	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 03, 2022	Aug. 02, 2023	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 07, 2021	Nov. 06, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 06, 2022	Nov. 05, 2023	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 25, 2022	Mar. 24, 2023	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 23, 2022	Jun. 22, 2023	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jul. 05, 2022	Jul. 04, 2023	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 26, 2022	Apr. 25, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Pre-Amplifier
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 16, 2022	Nov. 15, 2023	Pre-Amplifier
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Mar. 14, 2022	Mar. 13, 2023	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	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	Mar. 26, 2022	Mar. 25, 2023	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 19, 2022	Apr. 18, 2023	Radiation (03CH02-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jul. 05, 2022	Jul. 04, 2023	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSP	100593	9kHz~40GHz	Apr. 08, 2022	Apr. 07, 2023	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 07, 2022	Jan. 06, 2023	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1531344	300MHz~40GHz	Jul. 31, 2022	Jul. 30, 2023	Conducted (TH03-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Meter	Anritsu	ML2495A	1728002	300MHz~40GHz	Jul. 31, 2022	Jul. 30, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 GHz –26.5 GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

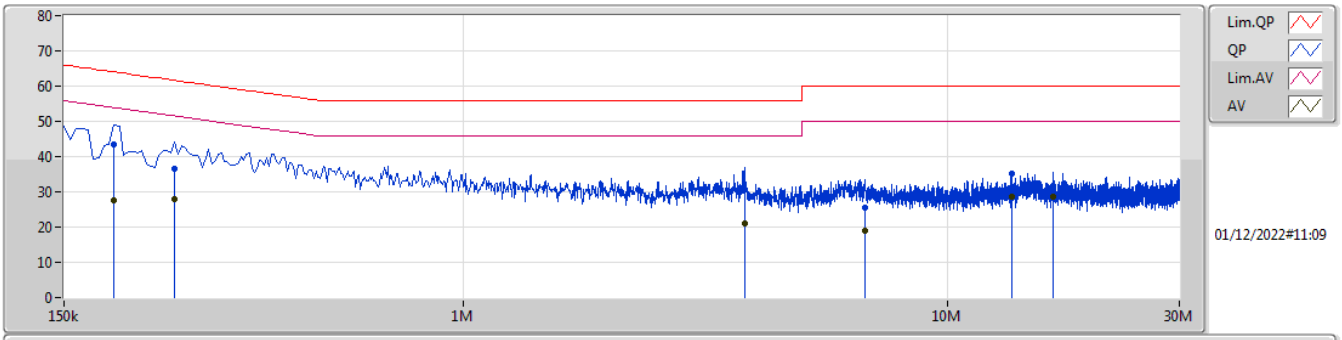
Note: Calibration Interval of instruments listed above is one year.

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

Summary

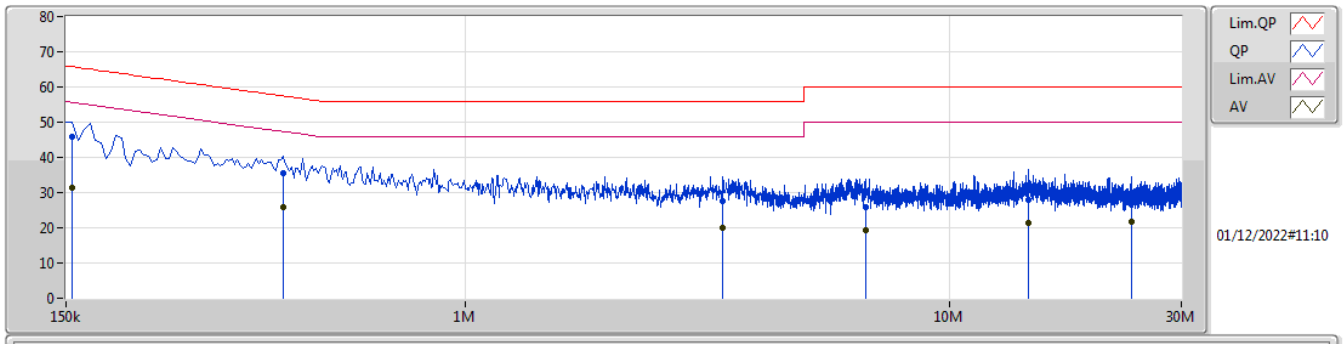
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	154.5k	45.97	65.75	-19.78	Neutral

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	190.5k	43.48	64.01	-20.53	10.30	Line	"Worst"	33.18	0.12	0.11	10.07
AV	190.5k	27.59	54.01	-26.42	10.30	Line	-	17.29	0.12	0.11	10.07
QP	253.5k	36.47	61.64	-25.17	10.28	Line	-	26.19	0.12	0.12	10.04
AV	253.5k	27.89	51.64	-23.75	10.28	Line	-	17.61	0.12	0.12	10.04
QP	3.804M	30.77	56.00	-25.23	10.27	Line	-	20.50	0.23	0.20	9.84
AV	3.804M	20.94	46.00	-25.06	10.27	Line	-	10.67	0.23	0.20	9.84
QP	6.725M	25.67	60.00	-34.33	10.39	Line	-	15.28	0.29	0.21	9.89
AV	6.725M	18.82	50.00	-31.18	10.39	Line	-	8.43	0.29	0.21	9.89
QP	13.56M	35.11	60.00	-24.89	10.55	Line	-	24.56	0.36	0.24	9.95
AV	13.56M	28.79	50.00	-21.21	10.55	Line	-	18.24	0.36	0.24	9.95
QP	16.467M	31.57	60.00	-28.43	10.61	Line	-	20.96	0.37	0.25	9.99
AV	16.467M	28.45	50.00	-21.55	10.61	Line	-	17.84	0.37	0.25	9.99

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.5k	45.97	65.75	-19.78	10.33	Neutral	"Worst"	35.64	0.16	0.08	10.09
AV	154.5k	31.55	55.75	-24.20	10.33	Neutral	-	21.22	0.16	0.08	10.09
QP	420k	35.41	57.45	-22.04	10.31	Neutral	-	25.10	0.16	0.15	10.00
AV	420k	25.86	47.45	-21.59	10.31	Neutral	-	15.55	0.16	0.15	10.00
QP	3.399M	27.59	56.00	-28.41	10.25	Neutral	-	17.34	0.21	0.20	9.84
AV	3.399M	20.17	46.00	-25.83	10.25	Neutral	-	9.92	0.21	0.20	9.84
QP	6.693M	25.91	60.00	-34.09	10.36	Neutral	-	15.55	0.26	0.21	9.89
AV	6.693M	19.21	50.00	-30.79	10.36	Neutral	-	8.85	0.26	0.21	9.89
QP	14.474M	27.98	60.00	-32.02	10.52	Neutral	-	17.46	0.31	0.25	9.96
AV	14.474M	21.53	50.00	-28.47	10.52	Neutral	-	11.01	0.31	0.25	9.96
QP	23.645M	29.41	60.00	-30.59	10.70	Neutral	-	18.71	0.34	0.27	10.09
AV	23.645M	21.57	50.00	-28.43	10.70	Neutral	-	10.87	0.34	0.27	10.09

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	21.06M	16.792M	16M8D1D	19.98M	16.582M
802.11ax HEW20_Nss1,(MCS0)_4TX	22.2M	19.1M	19M1D1D	21.57M	19.01M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.5M	37.901M	37M9D1D	39.96M	37.661M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.32M	77.481M	77M5D1D	81.84M	77.241M
802.11ax HEW160_Nss1,(MCS0)_4TX	82.88M	78.041M	78M0D1D	82.08M	77.481M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.85M	16.762M	16M8D1D	20.1M	16.642M
802.11ax HEW20_Nss1,(MCS0)_4TX	22.14M	19.1M	19M1D1D	21.51M	19.04M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.5M	37.841M	37M8D1D	40.14M	37.721M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.68M	77.241M	77M2D1D	81.96M	77.121M
802.11ax HEW160_Nss1,(MCS0)_4TX	82.72M	78.121M	78M1D1D	82.16M	77.801M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.67M	16.762M	16M8D1D	15.15M	13.358M
802.11ax HEW20_Nss1,(MCS0)_4TX	22.32M	19.22M	19M2D1D	15.87M	14.588M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.62M	37.901M	37M9D1D	35.035M	33.723M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.92M	77.361M	77M4D1D	76.125M	73.163M
802.11ax HEW160_Nss1,(MCS0)_4TX	164.88M	155.442M	155MD1D	164.16M	153.763M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.35M	19.61M	19M6D1D	3.12M	3.498M
802.11ax HEW20_Nss1,(MCS0)_4TX	19.17M	19.37M	19M4D1D	4.46M	4.618M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.98M	45.877M	45M9D1D	4.02M	4.118M
802.11ax HEW80_Nss1,(MCS0)_4TX	77.88M	77.841M	77M8D1D	4.02M	4.218M

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

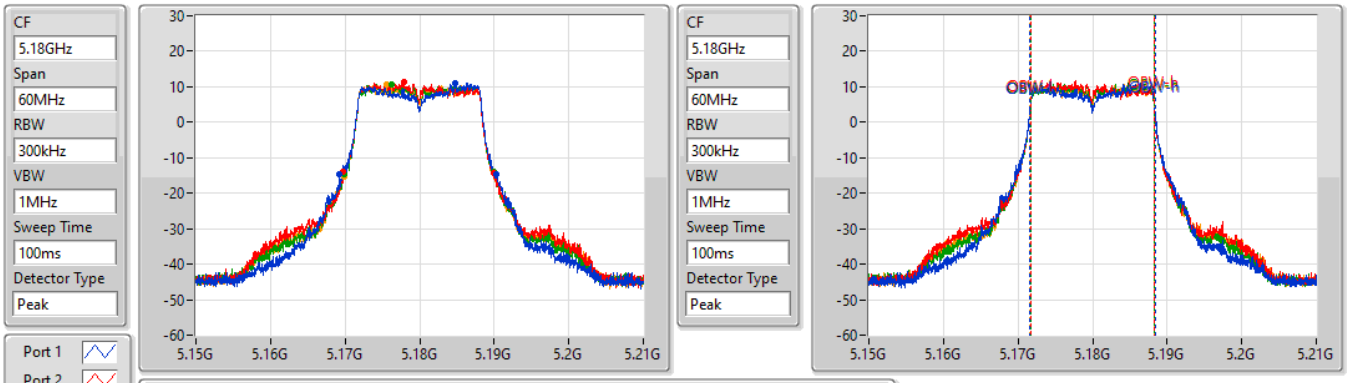
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.06M	16.792M	20.25M	16.582M	20.16M	16.612M	20.37M	16.642M
5200MHz	Pass	Inf	20.76M	16.762M	19.98M	16.612M	20.16M	16.612M	20.52M	16.642M
5240MHz	Pass	Inf	20.82M	16.792M	20.58M	16.672M	20.1M	16.642M	20.49M	16.642M
5260MHz	Pass	Inf	20.85M	16.762M	20.85M	16.702M	20.1M	16.642M	20.49M	16.642M
5300MHz	Pass	Inf	20.58M	16.762M	20.58M	16.702M	20.52M	16.672M	20.49M	16.642M
5320MHz	Pass	Inf	20.61M	16.732M	20.61M	16.732M	20.46M	16.672M	20.52M	16.642M
5500MHz	Pass	Inf	20.34M	16.582M	20.04M	16.762M	20.43M	16.732M	20.61M	16.642M
5580MHz	Pass	Inf	20.19M	16.522M	20.25M	16.702M	20.67M	16.762M	20.34M	16.642M
5700MHz	Pass	Inf	20.25M	16.582M	20.19M	16.642M	20.4M	16.672M	20.13M	16.642M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.3M	13.358M	15.24M	13.358M	15.195M	13.388M	15.15M	13.388M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.558M	3.12M	3.518M	3.14M	3.558M	3.12M	3.498M
5745MHz	Pass	500k	16.29M	16.882M	16.32M	16.822M	16.32M	16.732M	16.32M	16.852M
5785MHz	Pass	500k	16.32M	16.972M	16.35M	16.912M	16.32M	16.792M	16.32M	17.391M
5825MHz	Pass	500k	16.32M	17.181M	16.32M	16.972M	16.35M	18.111M	16.32M	19.61M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.84M	19.01M	21.81M	19.07M	22.11M	19.07M	21.93M	19.07M
5200MHz	Pass	Inf	21.57M	19.01M	21.96M	19.07M	21.63M	19.1M	21.9M	19.07M
5240MHz	Pass	Inf	21.84M	19.01M	21.57M	19.07M	22.2M	19.07M	21.96M	19.1M
5260MHz	Pass	Inf	21.75M	19.04M	21.78M	19.1M	21.99M	19.1M	21.75M	19.1M
5300MHz	Pass	Inf	21.93M	19.04M	21.75M	19.07M	21.75M	19.1M	22.14M	19.07M
5320MHz	Pass	Inf	21.72M	19.07M	21.51M	19.07M	21.69M	19.1M	21.87M	19.1M
5500MHz	Pass	Inf	21.93M	19.22M	21.63M	19.04M	21.78M	19.1M	22.32M	19.1M
5580MHz	Pass	Inf	21.75M	19.22M	21.63M	19.1M	22.02M	19.04M	22.29M	19.1M
5700MHz	Pass	Inf	21.84M	19.19M	21.99M	19.1M	21.96M	19.1M	22.23M	19.1M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.87M	14.603M	15.93M	14.588M	16.065M	14.588M	15.96M	14.588M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.54M	4.658M	4.46M	4.638M	4.48M	4.618M	4.52M	4.618M
5745MHz	Pass	500k	19.02M	19.34M	19.02M	19.16M	19.02M	19.19M	18.99M	19.25M
5785MHz	Pass	500k	19.02M	19.34M	18.96M	19.19M	19.14M	19.28M	18.99M	19.37M
5825MHz	Pass	500k	19.11M	19.19M	18.96M	19.1M	19.17M	19.13M	19.05M	19.16M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.14M	37.661M	40.38M	37.901M	40.38M	37.781M	40.32M	37.781M
5230MHz	Pass	Inf	39.96M	37.781M	40.32M	37.841M	40.44M	37.841M	40.5M	37.841M
5270MHz	Pass	Inf	40.14M	37.721M	40.26M	37.781M	40.2M	37.781M	40.5M	37.841M
5310MHz	Pass	Inf	40.38M	37.721M	40.2M	37.721M	40.32M	37.721M	40.2M	37.781M
5510MHz	Pass	Inf	40.62M	37.901M	40.2M	37.541M	40.2M	37.781M	40.32M	37.841M
5550MHz	Pass	Inf	40.38M	37.901M	40.26M	37.601M	40.32M	37.721M	40.5M	37.781M
5670MHz	Pass	Inf	40.44M	37.901M	40.26M	37.661M	40.02M	37.841M	40.26M	37.721M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.35M	33.793M	35.21M	33.758M	35.035M	33.723M	35.28M	33.723M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	4.138M	4.02M	4.158M	4.04M	4.118M	4.06M	4.118M
5755MHz	Pass	500k	37.14M	38.321M	37.38M	38.141M	37.92M	38.201M	37.62M	38.321M
5795MHz	Pass	500k	37.98M	38.861M	35.22M	39.22M	37.62M	44.018M	37.8M	45.877M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.32M	77.361M	82.2M	77.361M	81.84M	77.241M	81.84M	77.481M
5290MHz	Pass	Inf	82.68M	77.121M	81.96M	77.241M	82.56M	77.121M	82.08M	77.241M
5530MHz	Pass	Inf	82.92M	77.361M	81.96M	76.882M	81.96M	77.121M	81.96M	77.361M
5610MHz	Pass	Inf	81.72M	77.361M	81.72M	77.001M	81.96M	77.361M	82.2M	77.241M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.575M	73.463M	76.275M	73.163M	76.125M	73.238M	76.125M	73.163M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.318M	4.08M	4.218M	4.02M	4.218M	4.06M	4.258M
5775MHz	Pass	500k	77.88M	77.721M	74.76M	77.721M	77.52M	77.841M	76.92M	77.841M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.88M	77.881M	82.08M	77.481M	82.16M	78.041M	82.24M	77.961M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.56M	78.121M	82.72M	78.121M	82.72M	77.801M	82.16M	77.801M
5570MHz	Pass	Inf	164.16M	153.763M	164.64M	154.723M	164.64M	155.442M	164.88M	154.963M

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

802.11a_Nss1,(6Mbps)_4TX EBW

5180MHz

24/08/2022

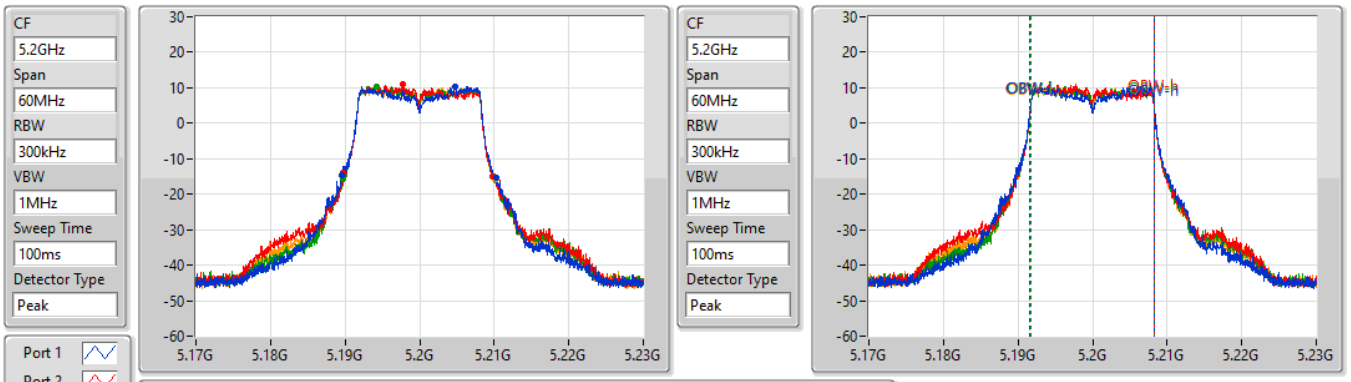


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.06M	5.1692G	5.19026G	16.792M	5.171574G	5.188366G	Inf	1
20.25M	5.16977G	5.19002G	16.582M	5.171664G	5.188246G	Inf	2
20.16M	5.16986G	5.19002G	16.612M	5.171664G	5.188276G	Inf	3
20.37M	5.16983G	5.1902G	16.642M	5.171634G	5.188276G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5200MHz

24/08/2022

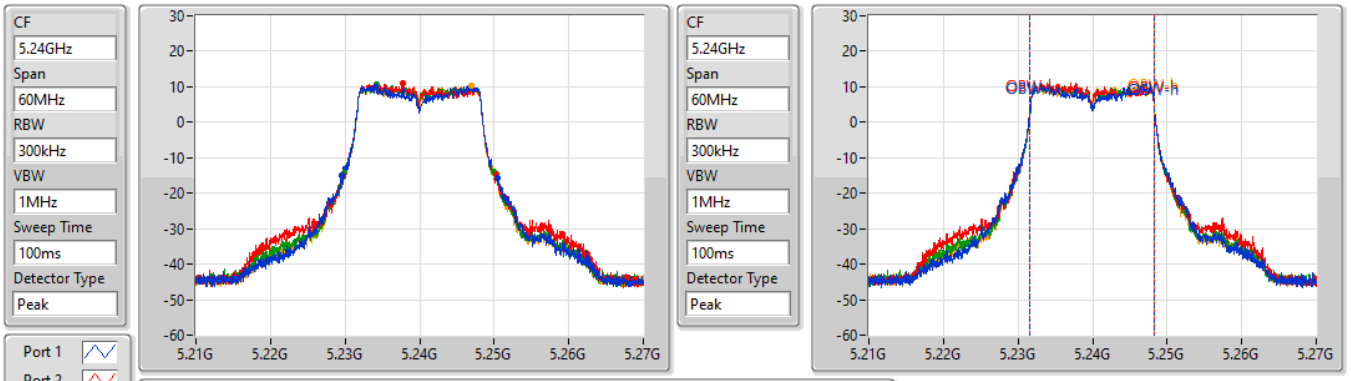


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.76M	5.18956G	5.21032G	16.762M	5.191574G	5.208336G	Inf	1
19.98M	5.1898G	5.20978G	16.612M	5.191634G	5.208246G	Inf	2
20.16M	5.18977G	5.20993G	16.612M	5.191664G	5.208276G	Inf	3
20.52M	5.18977G	5.21029G	16.642M	5.191634G	5.208276G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5240MHz

24/08/2022

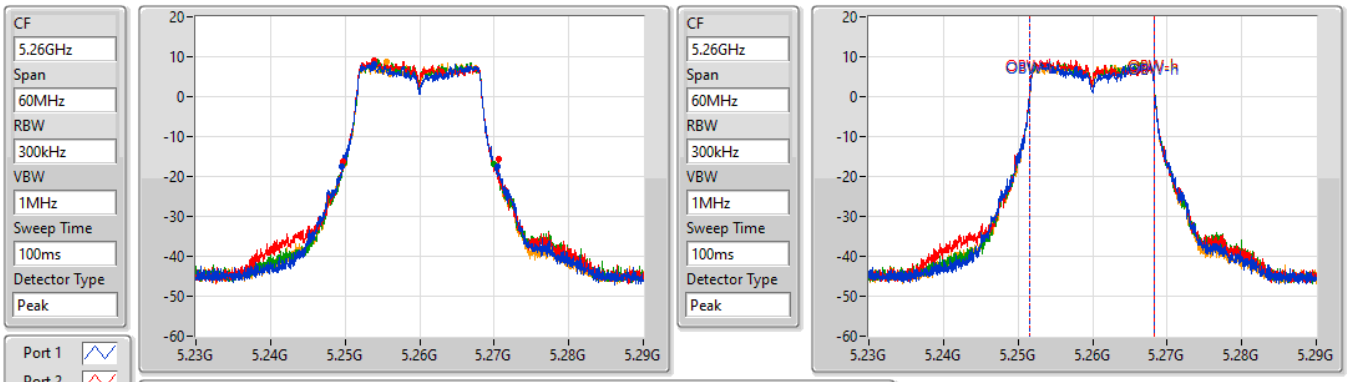


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.82M	5.22956G	5.25038G	16.792M	5.231544G	5.248336G	Inf	1
20.58M	5.22968G	5.25026G	16.672M	5.231604G	5.248276G	Inf	2
20.1M	5.22986G	5.24996G	16.642M	5.231634G	5.248276G	Inf	3
20.49M	5.22977G	5.25026G	16.642M	5.231634G	5.248276G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5260MHz

24/08/2022

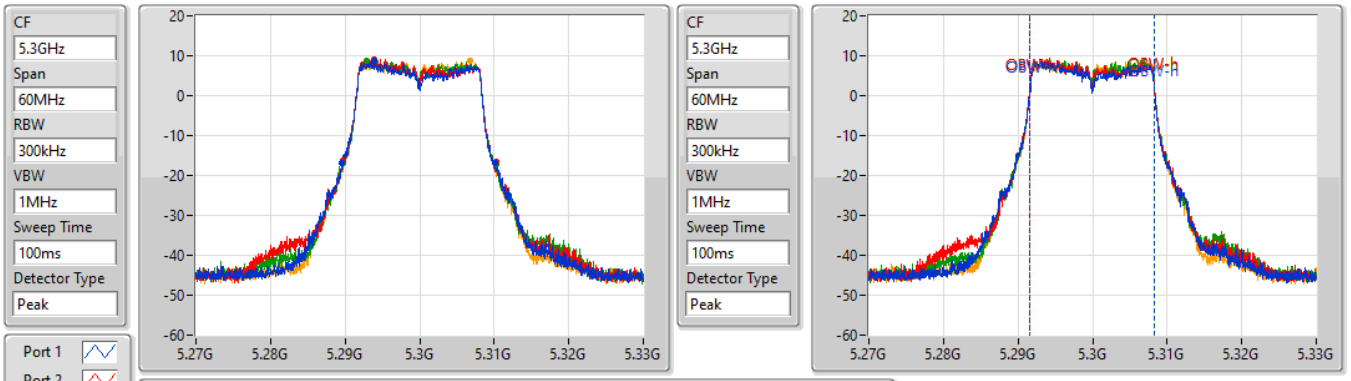


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.85M	5.24953G	5.27038G	16.762M	5.251574G	5.268336G	Inf	1
20.85M	5.24971G	5.27056G	16.702M	5.251574G	5.268276G	Inf	2
20.1M	5.24983G	5.26993G	16.642M	5.251634G	5.268276G	Inf	3
20.49M	5.24983G	5.27032G	16.642M	5.251634G	5.268276G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

24/08/2022

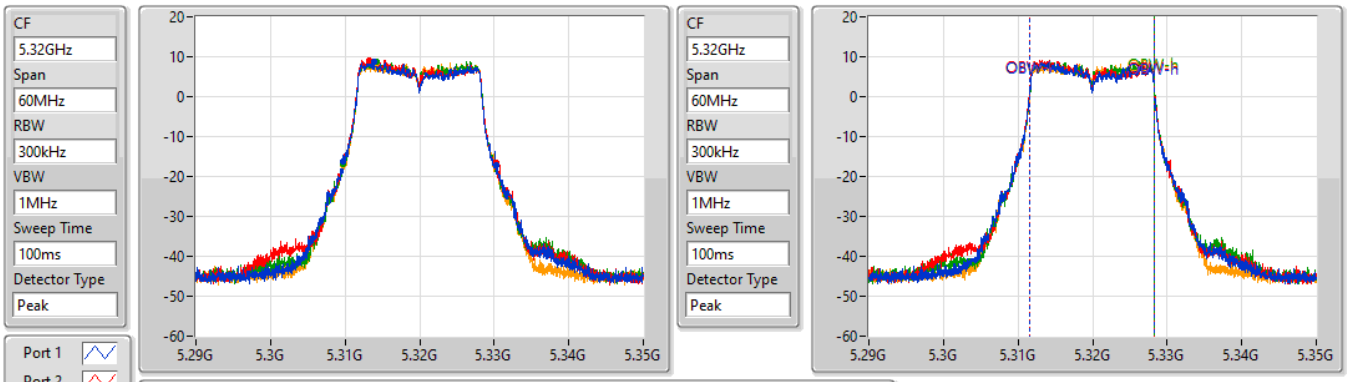


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.58M	5.28959G	5.31017G	16.762M	5.291544G	5.308306G	Inf	1
20.58M	5.28971G	5.31029G	16.702M	5.291574G	5.308276G	Inf	2
20.52M	5.28977G	5.31029G	16.672M	5.291604G	5.308276G	Inf	3
20.49M	5.28977G	5.31026G	16.642M	5.291634G	5.308276G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

24/08/2022

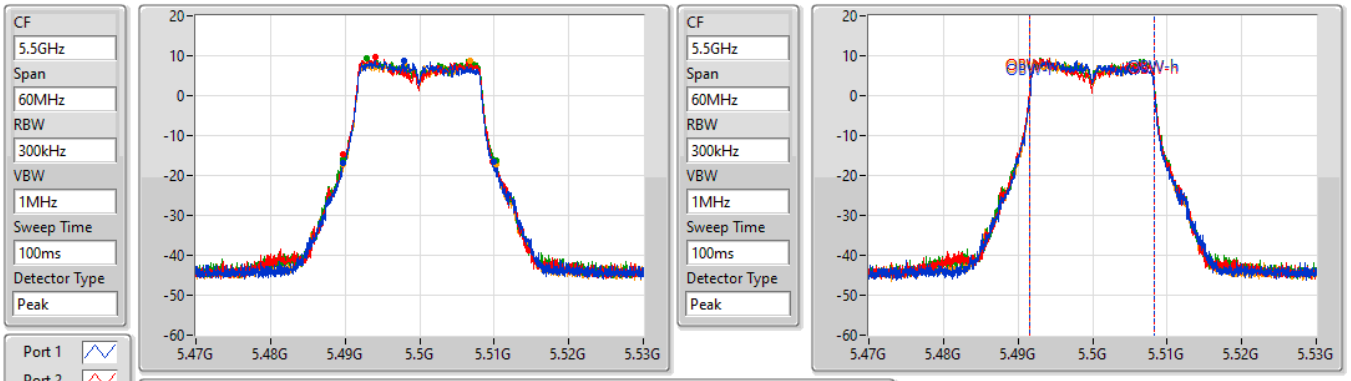


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.61M	5.30965G	5.33026G	16.732M	5.311544G	5.328276G	Inf	1
20.61M	5.30968G	5.33029G	16.732M	5.311544G	5.328276G	Inf	2
20.46M	5.30977G	5.33023G	16.672M	5.311604G	5.328276G	Inf	3
20.52M	5.30971G	5.33023G	16.642M	5.311634G	5.328276G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

24/08/2022

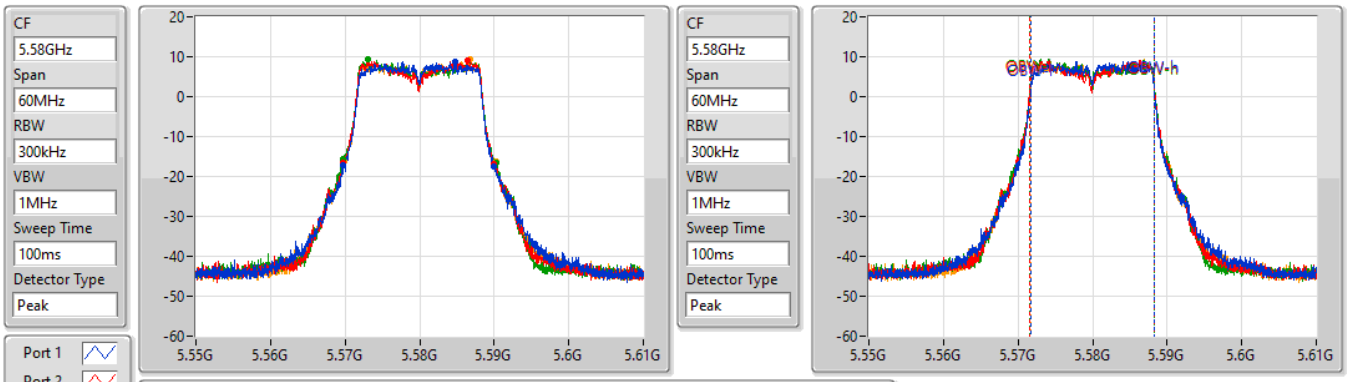


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.34M	5.48968G	5.51002G	16.582M	5.491634G	5.508216G	Inf	1
20.04M	5.4898G	5.50984G	16.762M	5.491544G	5.508306G	Inf	2
20.43M	5.489777G	5.5102G	16.732M	5.491574G	5.508306G	Inf	3
20.61M	5.48968G	5.51029G	16.642M	5.491634G	5.508276G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

24/08/2022

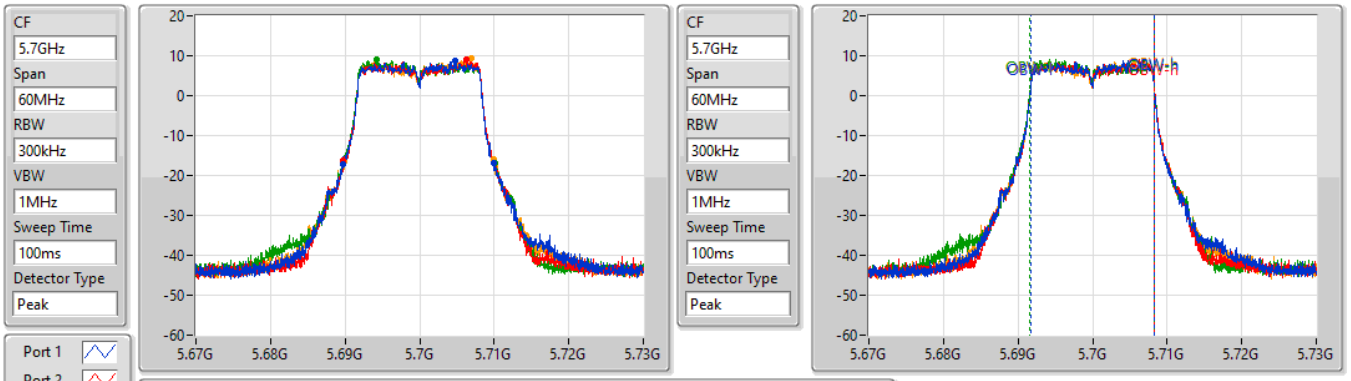


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.19M	5.56971G	5.5899G	16.522M	5.571724G	5.588246G	Inf	1
20.25M	5.56971G	5.58996G	16.702M	5.571604G	5.588306G	Inf	2
20.67M	5.56965G	5.59032G	16.762M	5.571574G	5.588336G	Inf	3
20.34M	5.56986G	5.5902G	16.642M	5.571664G	5.588306G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

24/08/2022

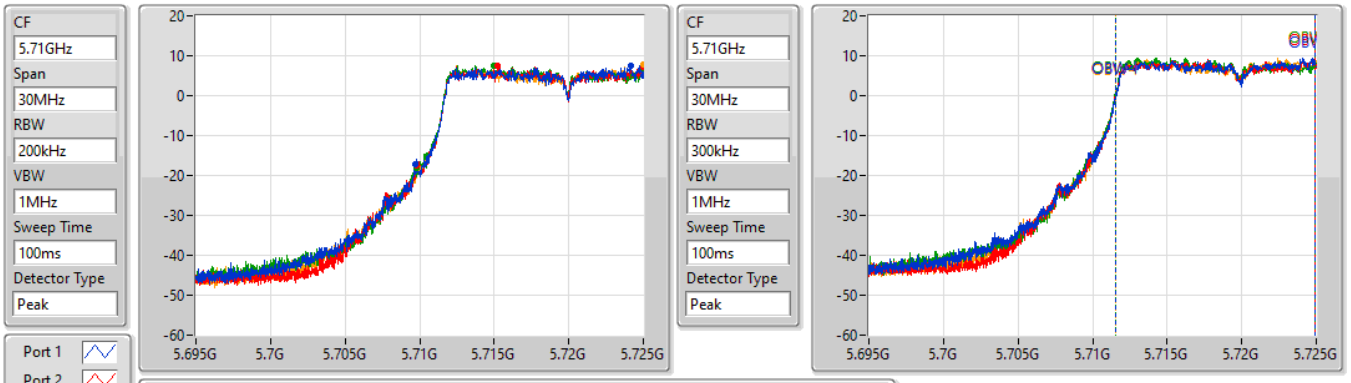


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.25M	5.68965G	5.7099G	16.582M	5.691664G	5.708246G	Inf	1
20.19M	5.68974G	5.70993G	16.642M	5.691664G	5.708306G	Inf	2
20.4M	5.689777G	5.71017G	16.672M	5.691604G	5.708276G	Inf	3
20.13M	5.68983G	5.70996G	16.642M	5.691634G	5.708276G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

24/08/2022

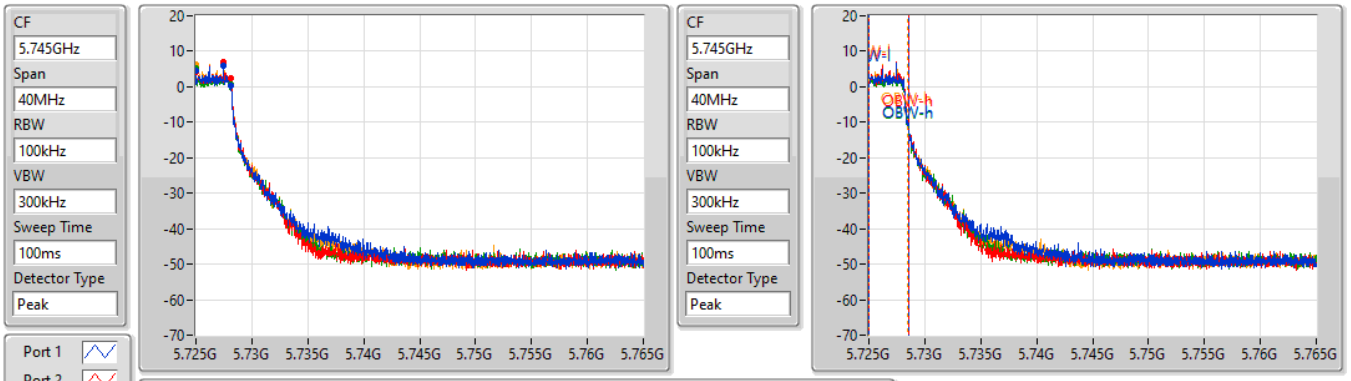


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.3M	5.7097G	5.725G	13.358M	5.711574G	5.724933G	Inf	1
15.24M	5.709776G	5.725G	13.358M	5.711574G	5.724933G	Inf	2
15.195M	5.709805G	5.725G	13.388M	5.711544G	5.724933G	Inf	3
15.15M	5.709859G	5.725G	13.388M	5.711559G	5.724948G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

24/08/2022

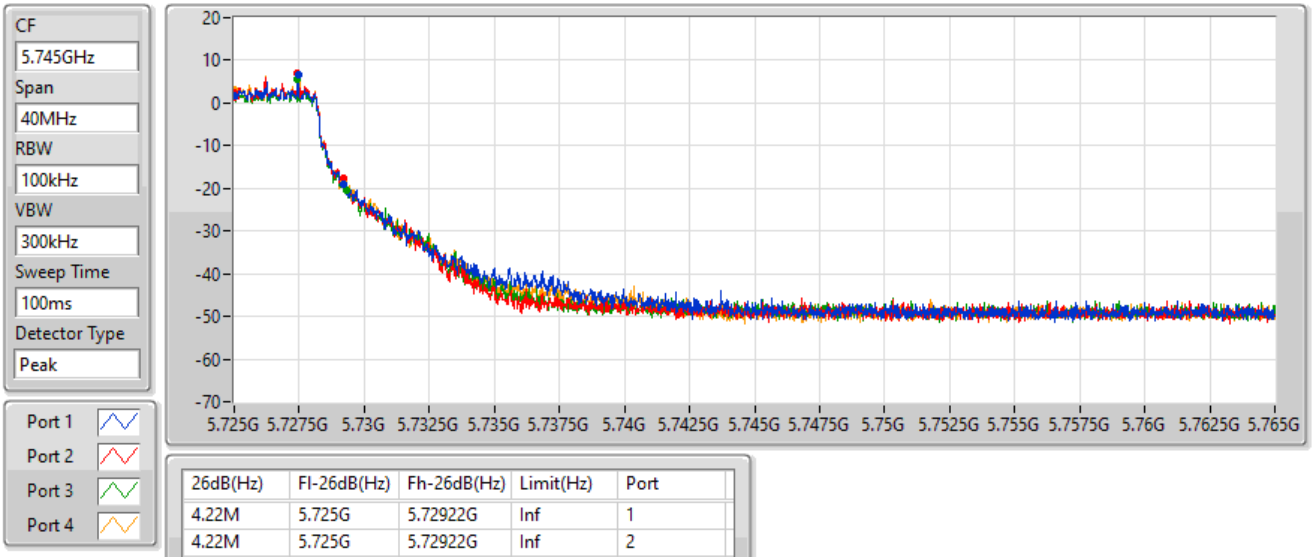


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.14M	5.725G	5.72814G	3.558M	5.72501G	5.728568G	500k	1
3.12M	5.725G	5.72812G	3.518M	5.72501G	5.728528G	500k	2
3.14M	5.725G	5.72814G	3.558M	5.72501G	5.728568G	500k	3
3.12M	5.725G	5.72812G	3.498M	5.72501G	5.728508G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

24/08/2022

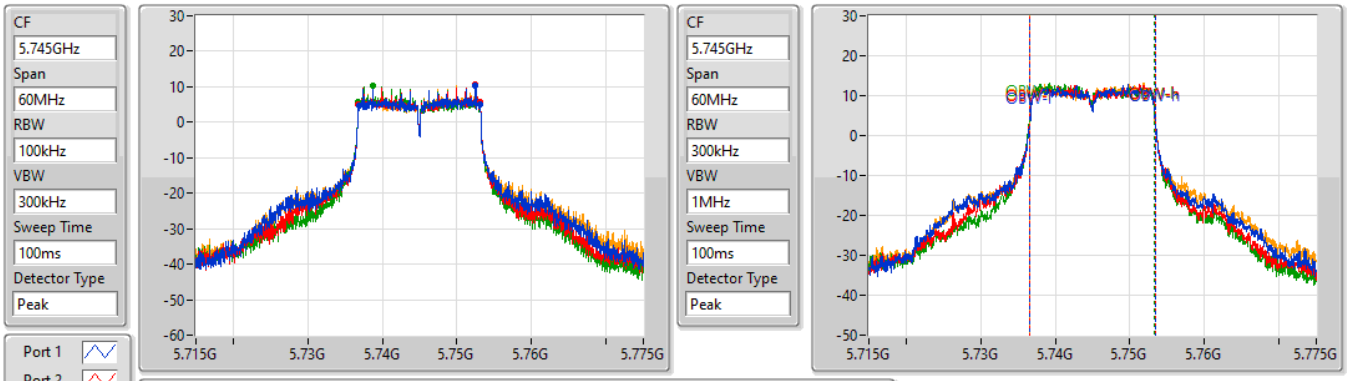


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.22M	5.725G	5.72922G	Inf	1
4.22M	5.725G	5.72922G	Inf	2
4.34M	5.725G	5.72934G	Inf	3
4.2M	5.725G	5.7292G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5745MHz

24/08/2022

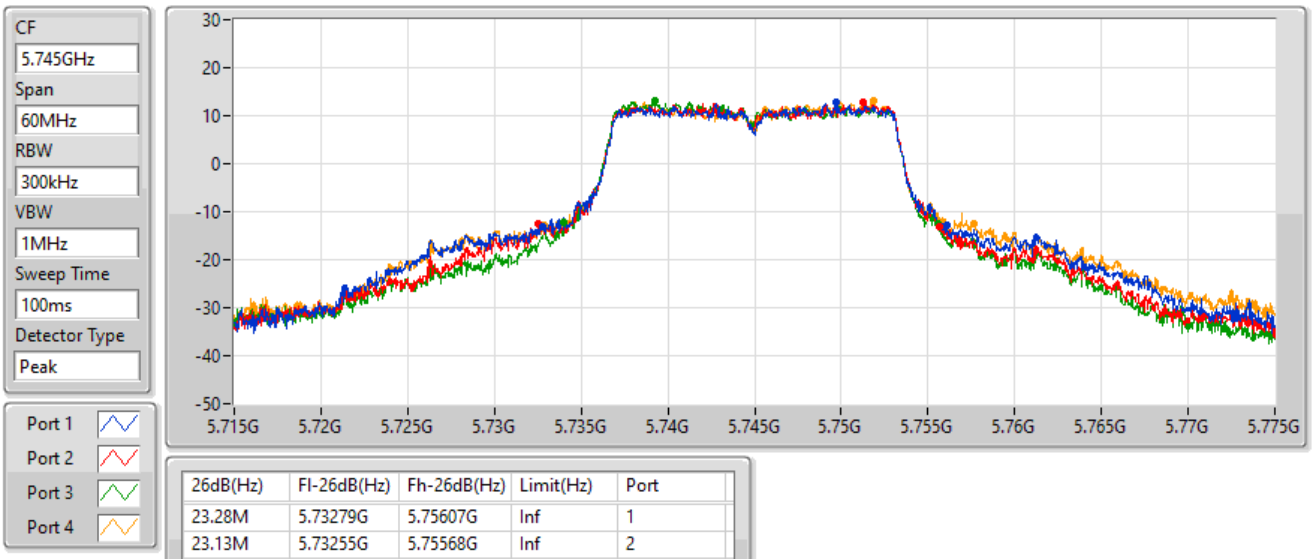


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.73684G	5.75313G	16.882M	5.736514G	5.753396G	500k	1
16.32M	5.73681G	5.75313G	16.822M	5.736544G	5.753366G	500k	2
16.32M	5.73681G	5.75313G	16.732M	5.736574G	5.753306G	500k	3
16.32M	5.73681G	5.75313G	16.852M	5.736544G	5.753396G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5745MHz

24/08/2022

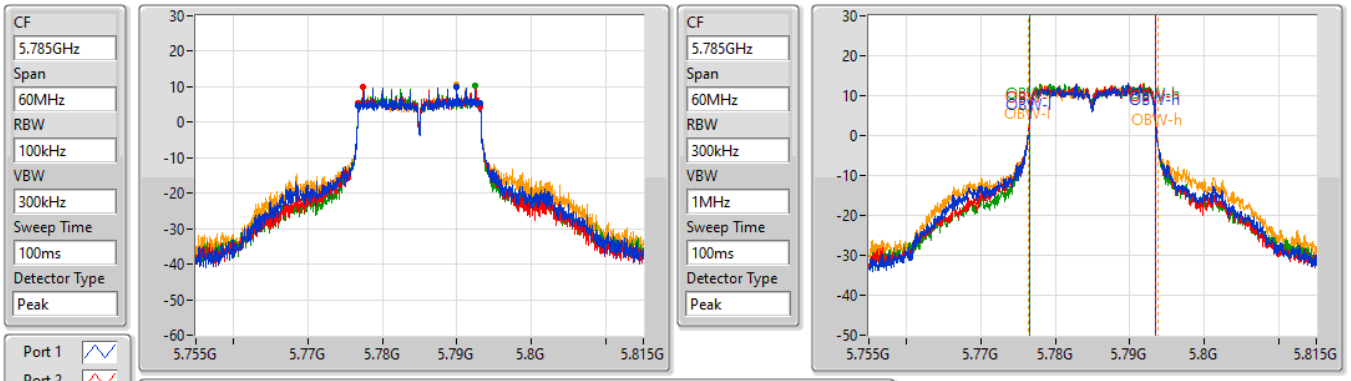


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
23.28M	5.73279G	5.75607G	Inf	1
23.13M	5.73255G	5.75568G	Inf	2
21.54M	5.73402G	5.75556G	Inf	3
24.81M	5.73288G	5.75769G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5785MHz

24/08/2022

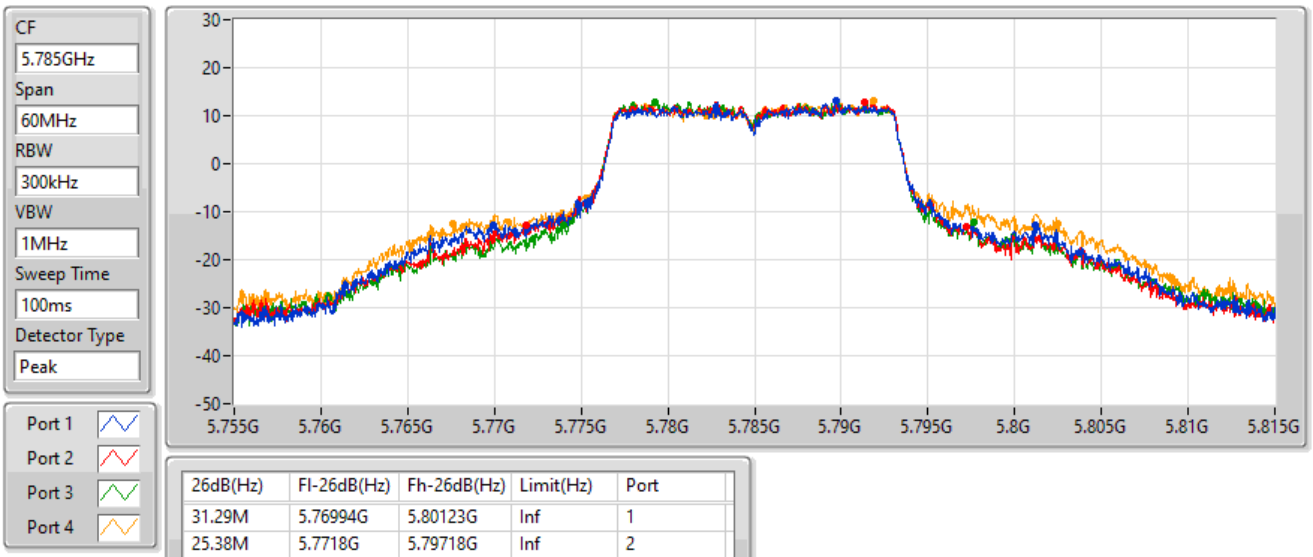


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.77681G	5.79313G	16.972M	5.776484G	5.793456G	500k	1
16.35M	5.77681G	5.79316G	16.912M	5.776514G	5.793426G	500k	2
16.32M	5.77681G	5.79313G	16.792M	5.776574G	5.793366G	500k	3
16.32M	5.77681G	5.79313G	17.391M	5.776334G	5.793726G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5785MHz

24/08/2022

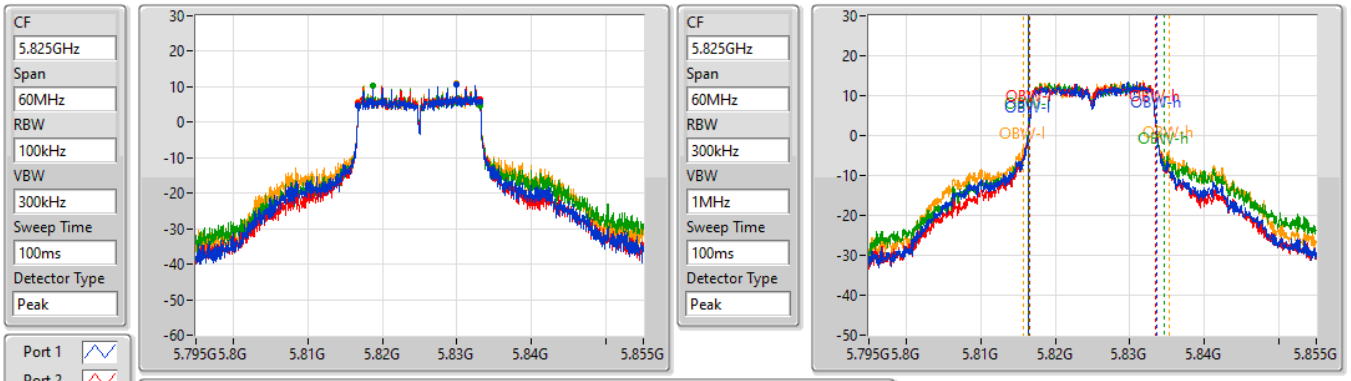


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
31.29M	5.76994G	5.80123G	Inf	1
25.38M	5.7718G	5.79718G	Inf	2
23.7M	5.77396G	5.79766G	Inf	3
34.89M	5.76763G	5.80252G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5825MHz

24/08/2022

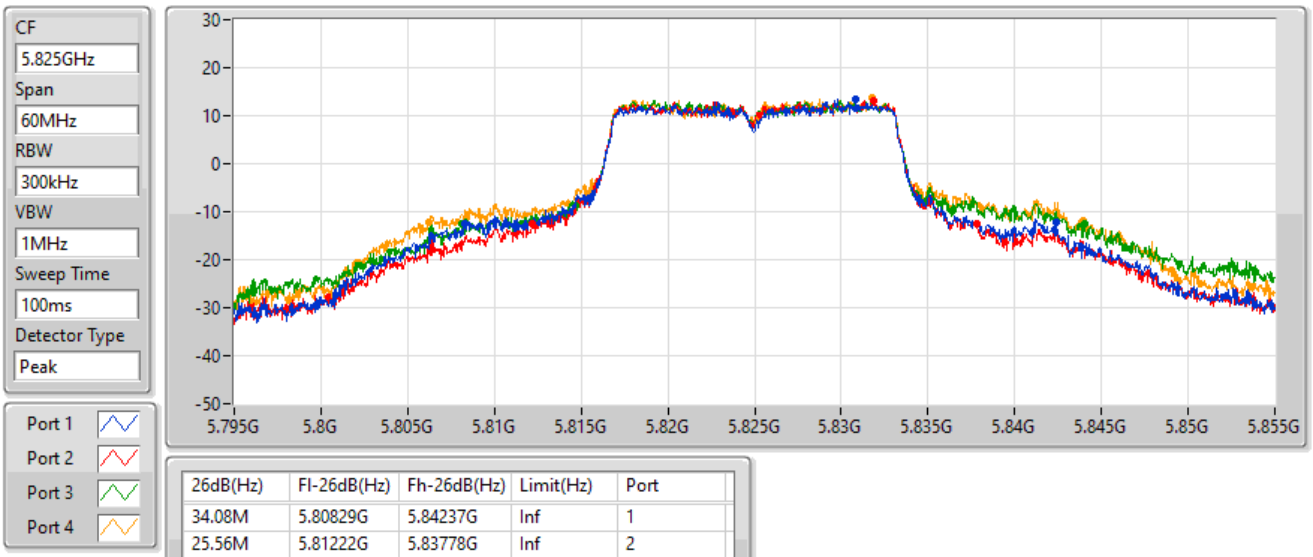


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.81681G	5.83313G	17.181M	5.816364G	5.833546G	500k	1
16.32M	5.81681G	5.83313G	16.972M	5.816514G	5.833486G	500k	2
16.35M	5.81681G	5.83316G	18.111M	5.816424G	5.834535G	500k	3
16.32M	5.81681G	5.83313G	19.61M	5.815645G	5.835255G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5825MHz

24/08/2022

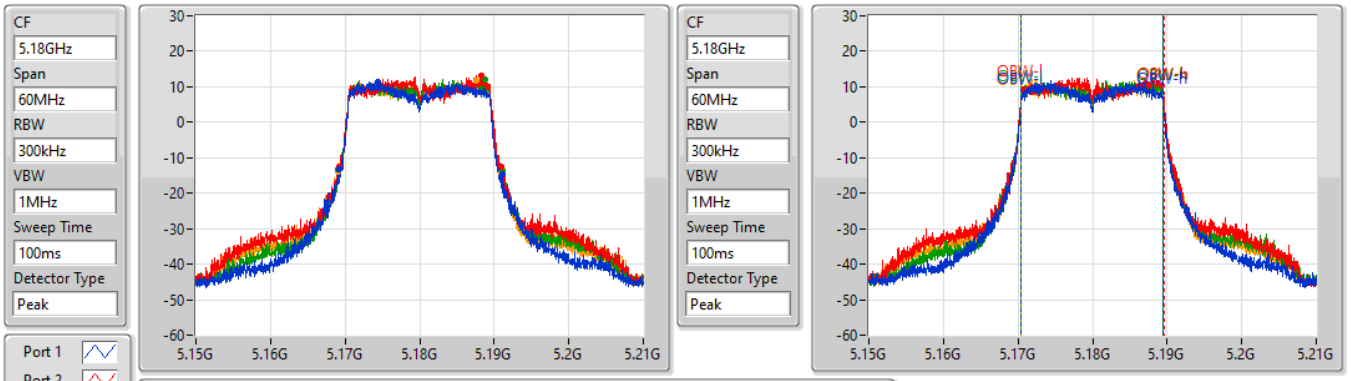


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
34.08M	5.80829G	5.84237G	Inf	1
25.56M	5.81222G	5.83778G	Inf	2
35.91M	5.80811G	5.84402G	Inf	3
37.8M	5.80619G	5.84399G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5180MHz

24/08/2022

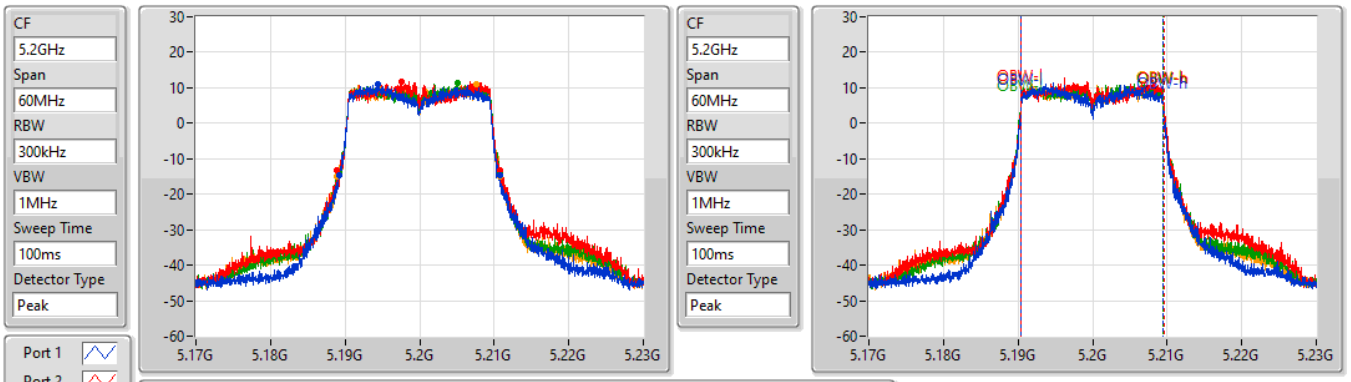


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.84M	5.16926G	5.1911G	19.01M	5.170465G	5.189475G	Inf	1
21.81M	5.1692G	5.19101G	19.07M	5.170465G	5.189535G	Inf	2
22.11M	5.16902G	5.19113G	19.07M	5.170435G	5.189505G	Inf	3
21.93M	5.16899G	5.19092G	19.07M	5.170435G	5.189505G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5200MHz

24/08/2022

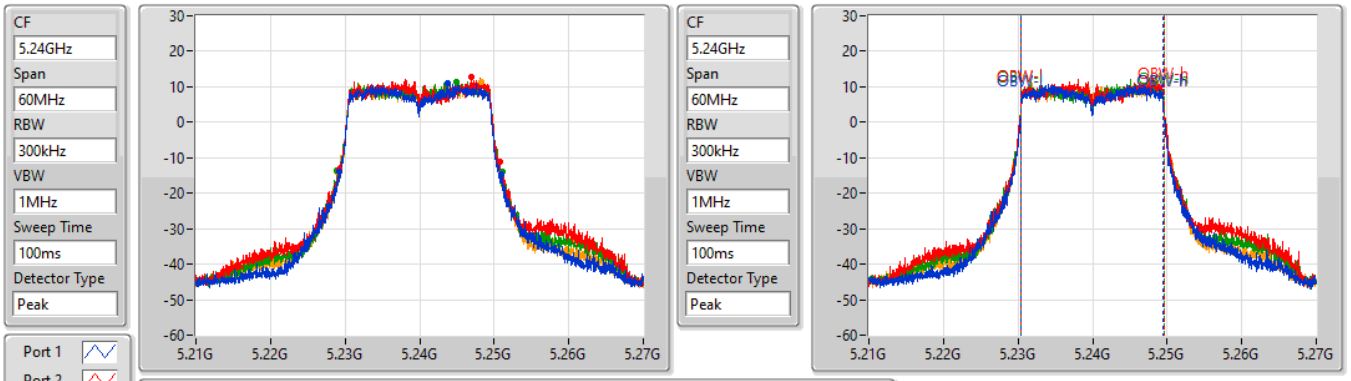


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.18914G	5.21071G	19.01M	5.190465G	5.209475G	Inf	1
21.96M	5.18887G	5.21083G	19.07M	5.190465G	5.209535G	Inf	2
21.63M	5.18914G	5.21077G	19.1M	5.190405G	5.209505G	Inf	3
21.9M	5.1889G	5.2108G	19.07M	5.190435G	5.209505G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5240MHz

24/08/2022

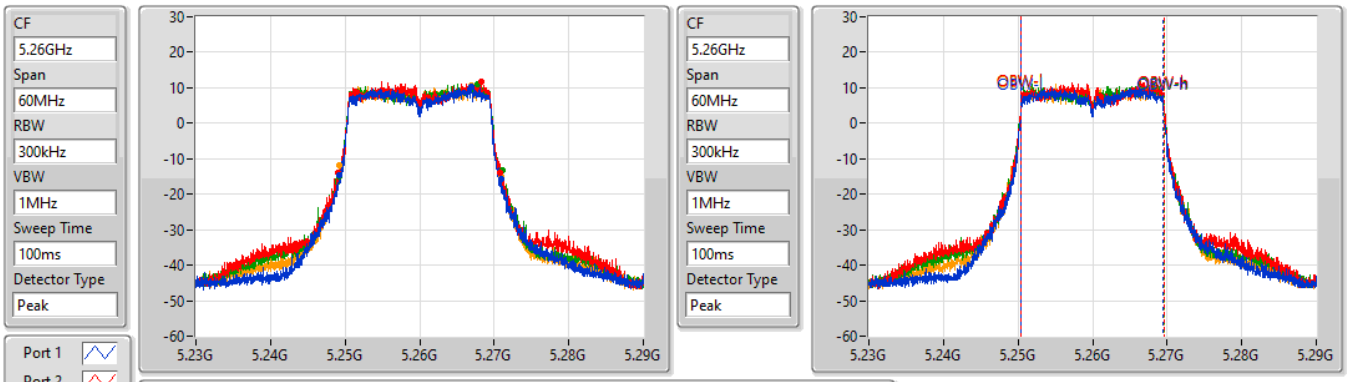


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.84M	5.22917G	5.25101G	19.01M	5.230465G	5.249475G	Inf	1
21.57M	5.22923G	5.2508G	19.07M	5.230465G	5.249535G	Inf	2
22.2M	5.22887G	5.25107G	19.07M	5.230465G	5.249535G	Inf	3
21.96M	5.22896G	5.25092G	19.1M	5.230435G	5.249535G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5260MHz

24/08/2022



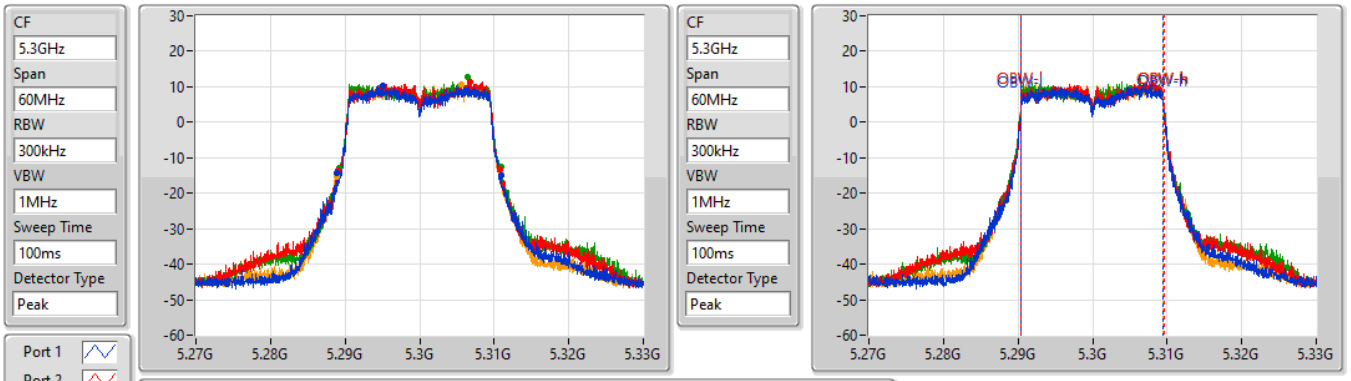
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.2492G	5.27095G	19.04M	5.250465G	5.269505G	Inf	1
21.78M	5.24905G	5.27083G	19.1M	5.250435G	5.269535G	Inf	2
21.99M	5.24917G	5.27116G	19.1M	5.250435G	5.269535G	Inf	3
21.75M	5.24917G	5.27092G	19.1M	5.250435G	5.269535G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5300MHz

24/08/2022



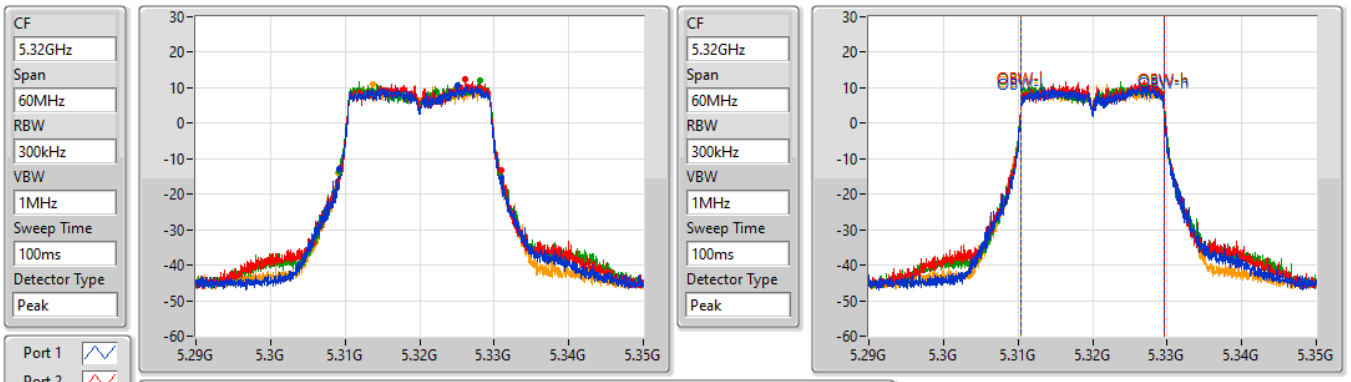
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.93M	5.28896G	5.31089G	19.04M	5.290465G	5.309505G	Inf	1
21.75M	5.28911G	5.31086G	19.07M	5.290465G	5.309535G	Inf	2
21.75M	5.28926G	5.31101G	19.1M	5.290435G	5.309535G	Inf	3
22.14M	5.28887G	5.31101G	19.07M	5.290435G	5.309505G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5320MHz

24/08/2022

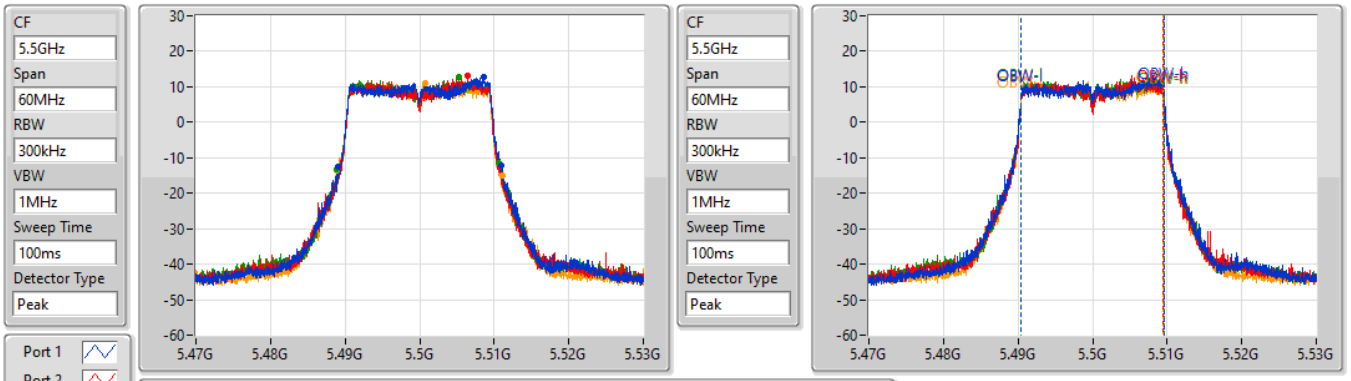


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.30926G	5.33098G	19.07M	5.310465G	5.329535G	Inf	1
21.51M	5.30938G	5.33089G	19.07M	5.310465G	5.329535G	Inf	2
21.69M	5.30914G	5.33083G	19.1M	5.310435G	5.329535G	Inf	3
21.87M	5.30902G	5.33089G	19.1M	5.310435G	5.329535G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5500MHz

24/08/2022

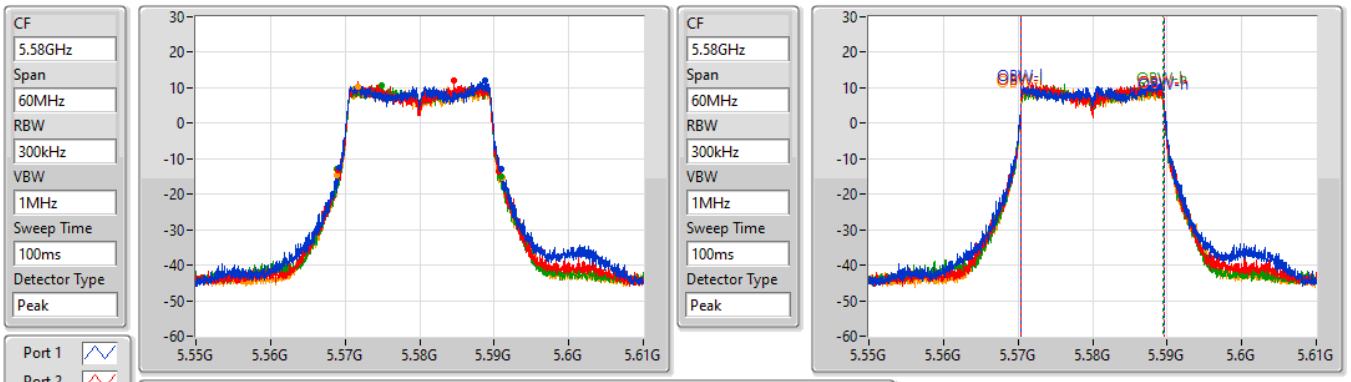


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.93M	5.48908G	5.51101G	19.22M	5.490405G	5.509625G	Inf	1
21.63M	5.48917G	5.5108G	19.04M	5.490465G	5.509505G	Inf	2
21.78M	5.4889G	5.51068G	19.1M	5.490435G	5.509535G	Inf	3
22.32M	5.48881G	5.51113G	19.1M	5.490405G	5.509505G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5580MHz

24/08/2022

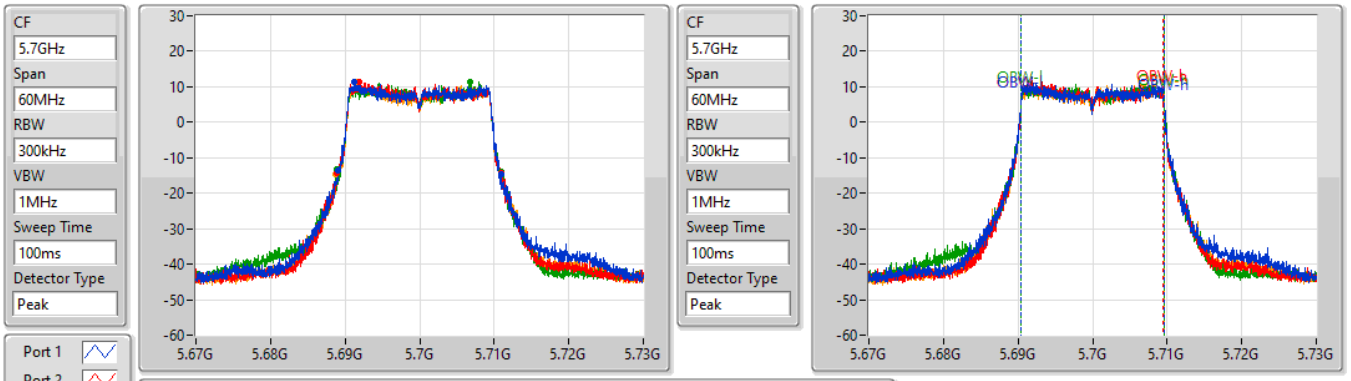


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.56914G	5.59089G	19.22M	5.5704405G	5.589625G	Inf	1
21.63M	5.56905G	5.59068G	19.1M	5.5704435G	5.589535G	Inf	2
22.02M	5.56893G	5.59095G	19.04M	5.5704465G	5.589505G	Inf	3
22.29M	5.56887G	5.59116G	19.1M	5.5704435G	5.589535G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5700MHz

24/08/2022

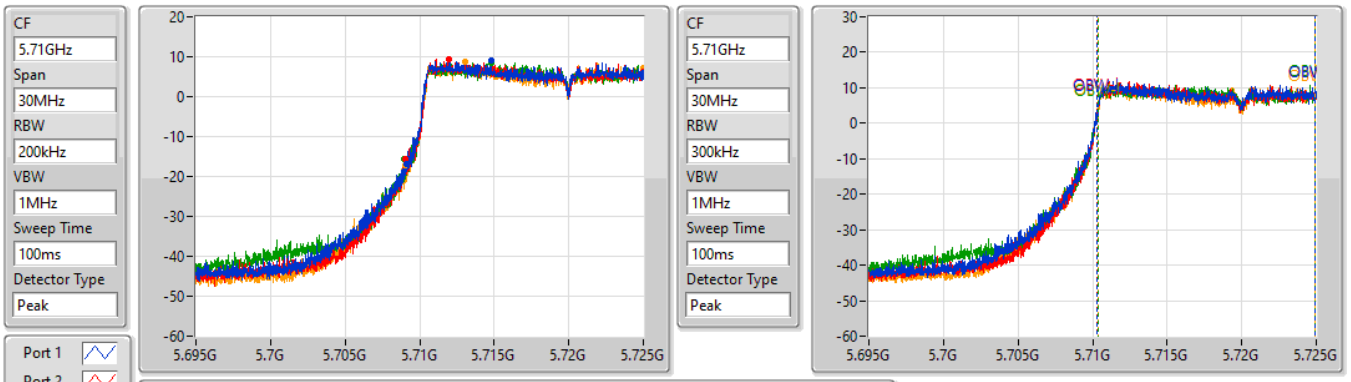


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.84M	5.68911G	5.71095G	19.19M	5.690375G	5.709565G	Inf	1
21.99M	5.6889G	5.71089G	19.1M	5.690405G	5.709505G	Inf	2
21.96M	5.68896G	5.71092G	19.1M	5.690435G	5.709535G	Inf	3
22.23M	5.68878G	5.71101G	19.1M	5.690435G	5.709535G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

24/08/2022

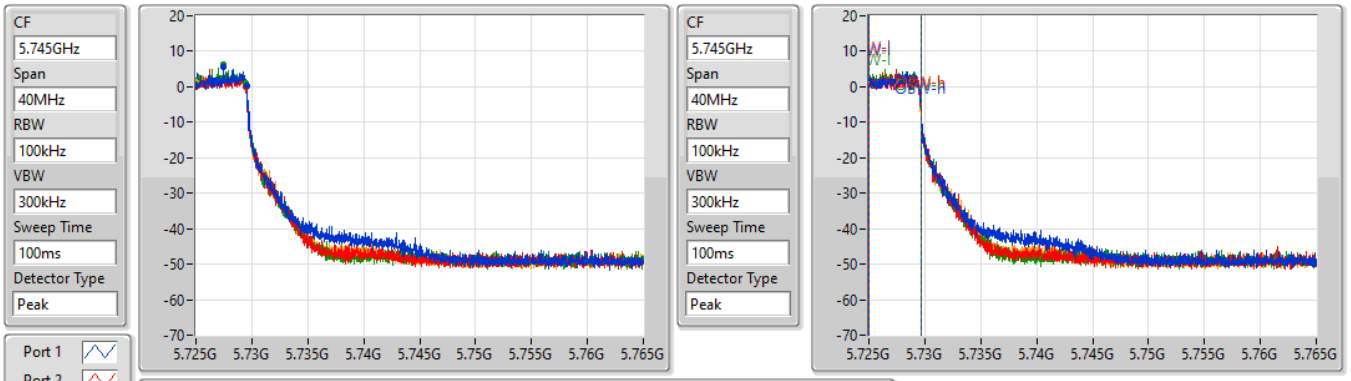


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.87M	5.70913G	5.725G	14.603M	5.710315G	5.724918G	Inf	1
15.93M	5.70907G	5.725G	14.588M	5.71033G	5.724918G	Inf	2
16.065M	5.708935G	5.725G	14.588M	5.710345G	5.724933G	Inf	3
15.96M	5.70904G	5.725G	14.588M	5.710345G	5.724933G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

24/08/2022

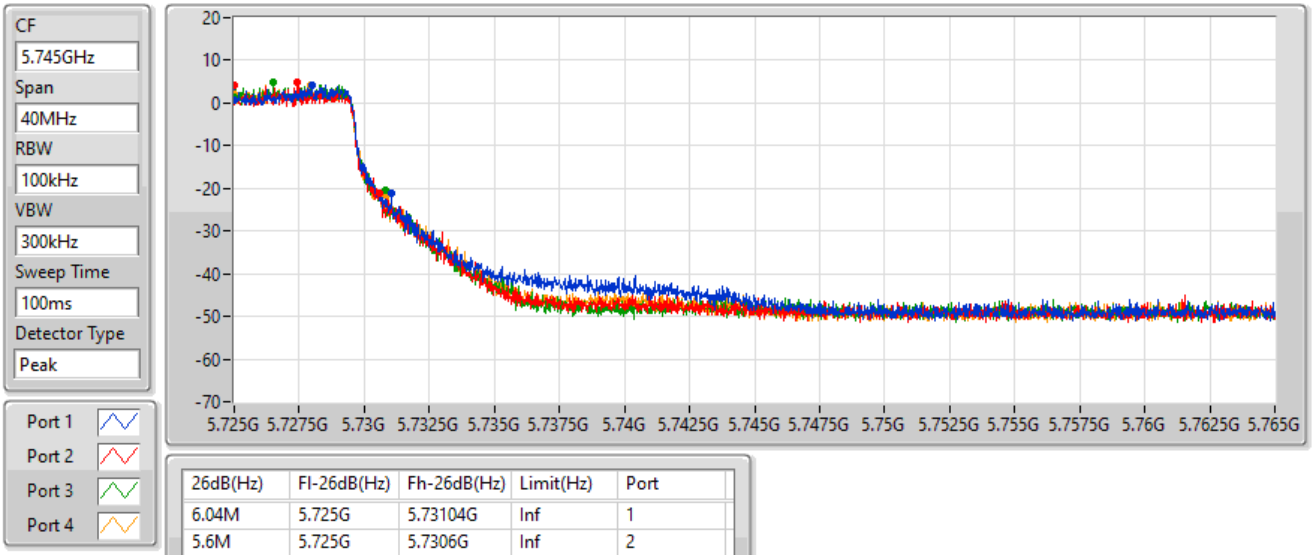


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.54M	5.725G	5.72954G	4.658M	5.72503G	5.729688G	500k	1
4.46M	5.725G	5.72946G	4.638M	5.72501G	5.729648G	500k	2
4.48M	5.725G	5.72948G	4.618M	5.72503G	5.729648G	500k	3
4.52M	5.725G	5.72952G	4.618M	5.72503G	5.729648G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

24/08/2022

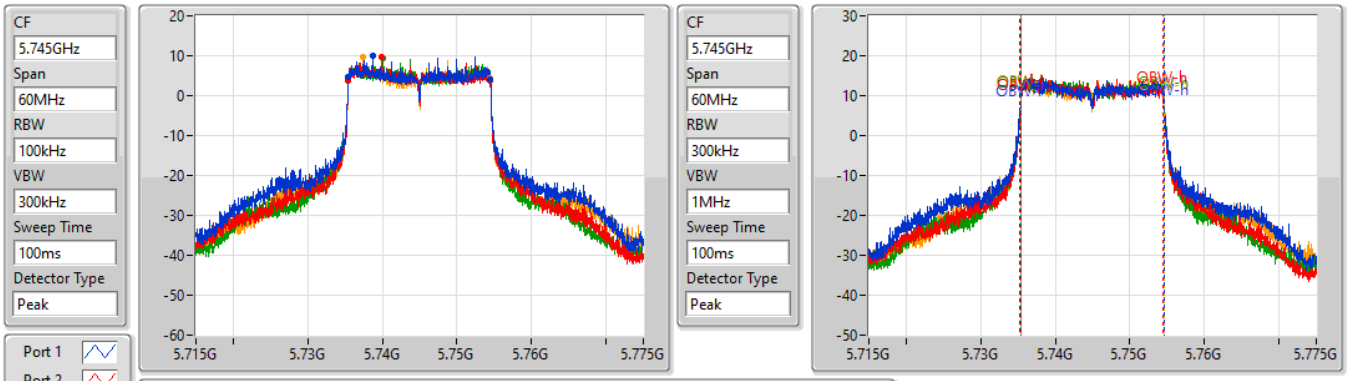


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
6.04M	5.725G	5.73104G	Inf	1
5.6M	5.725G	5.7306G	Inf	2
5.84M	5.725G	5.73084G	Inf	3
5.8M	5.725G	5.7308G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5745MHz

24/08/2022

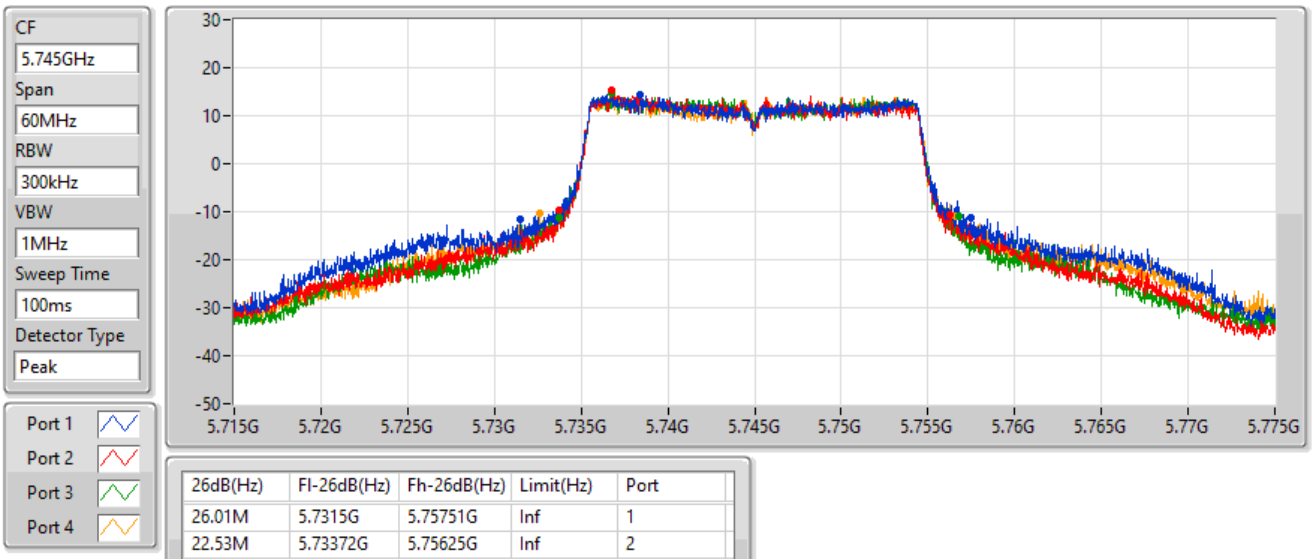


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.02M	5.73546G	5.75448G	19.34M	5.735285G	5.754625G	500k	1
19.02M	5.73543G	5.75445G	19.16M	5.735345G	5.754505G	500k	2
19.02M	5.73546G	5.75448G	19.19M	5.735375G	5.754565G	500k	3
18.99M	5.73546G	5.75445G	19.25M	5.735345G	5.754595G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5745MHz

24/08/2022

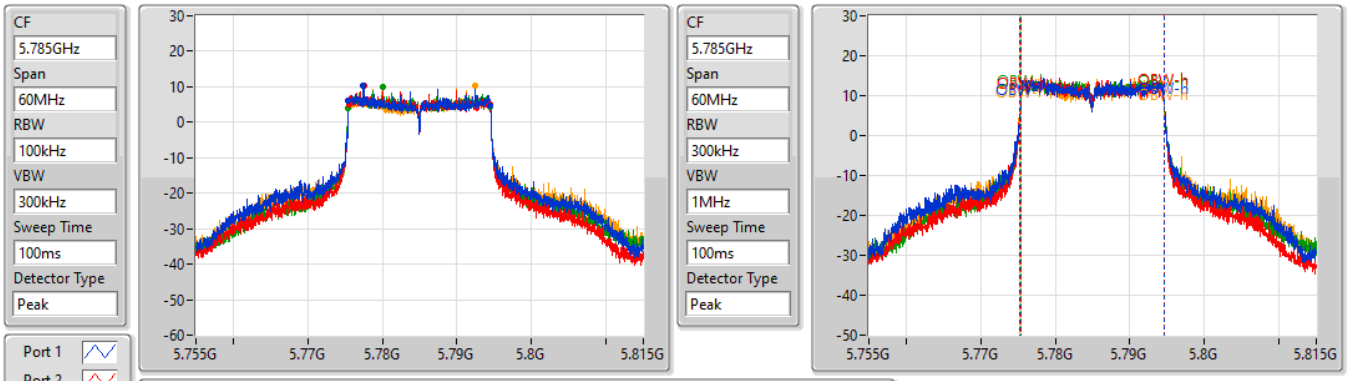


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
26.01M	5.7315G	5.75751G	Inf	1
22.53M	5.73372G	5.75625G	Inf	2
23.01M	5.73375G	5.75676G	Inf	3
24.03M	5.73258G	5.75661G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5785MHz

24/08/2022

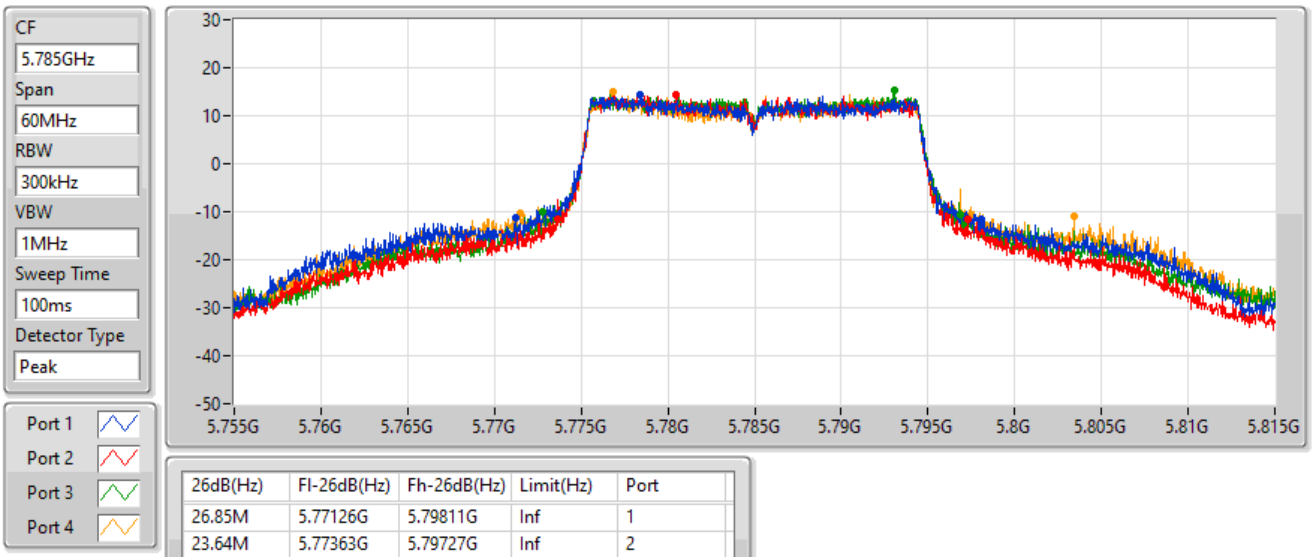


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.02M	5.77546G	5.79448G	19.34M	5.775285G	5.794625G	500k	1
18.96M	5.77549G	5.79445G	19.19M	5.775345G	5.794535G	500k	2
19.14M	5.775537G	5.79451G	19.28M	5.775345G	5.794625G	500k	3
18.99M	5.77549G	5.79448G	19.37M	5.775285G	5.794655G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5785MHz

24/08/2022

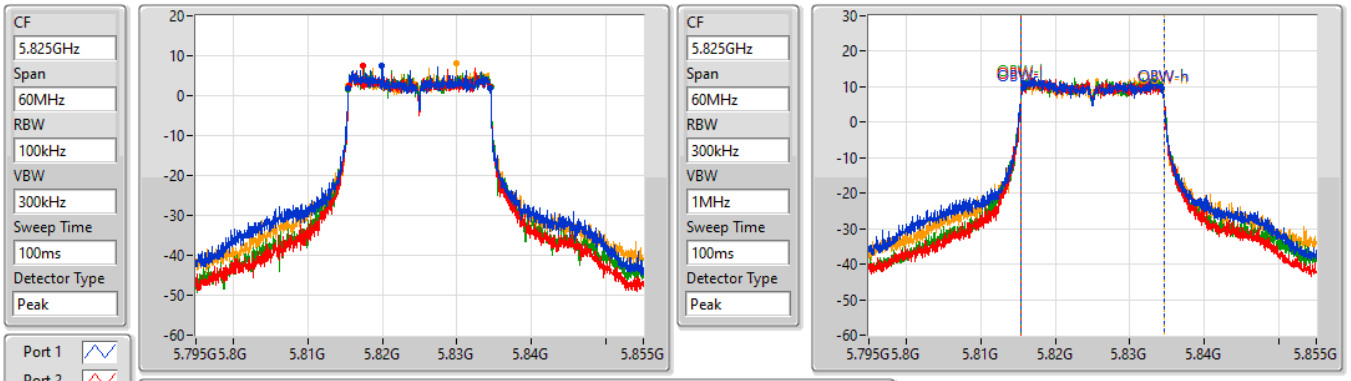


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
26.85M	5.77126G	5.79811G	Inf	1
23.64M	5.77363G	5.79727G	Inf	2
24.09M	5.77276G	5.79685G	Inf	3
31.86M	5.77153G	5.80339G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5825MHz

24/08/2022

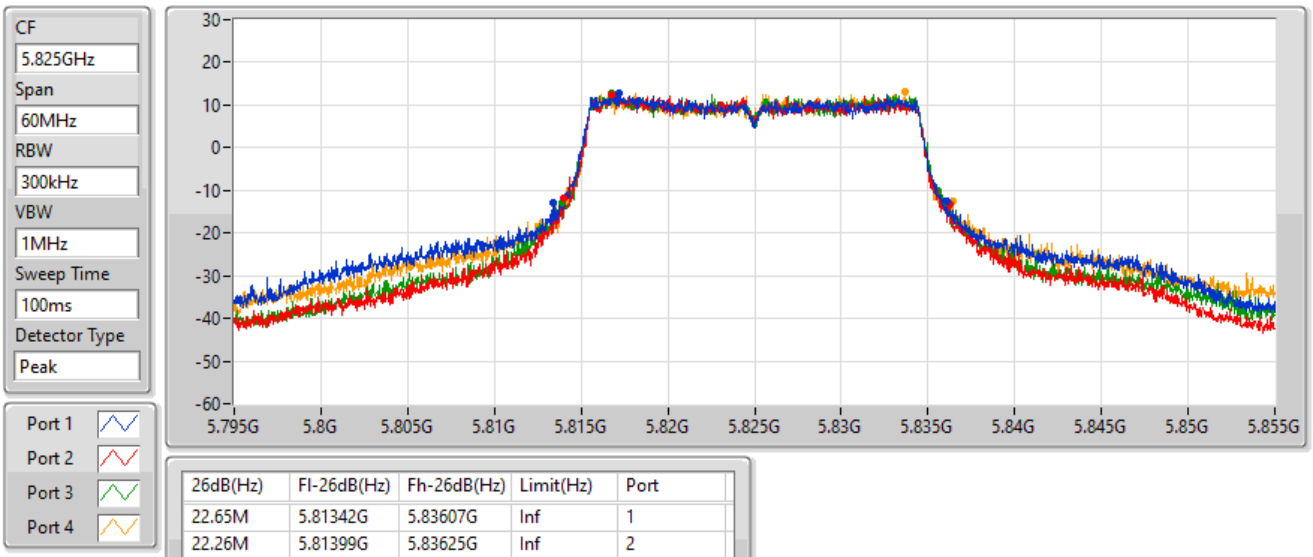


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.11M	5.81537G	5.83448G	19.19M	5.815345G	5.834535G	500k	1
18.96M	5.81549G	5.83445G	19.1M	5.815435G	5.834535G	500k	2
19.17M	5.8154G	5.83457G	19.13M	5.815435G	5.834565G	500k	3
19.05M	5.81546G	5.83451G	19.16M	5.815405G	5.834565G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5825MHz

24/08/2022

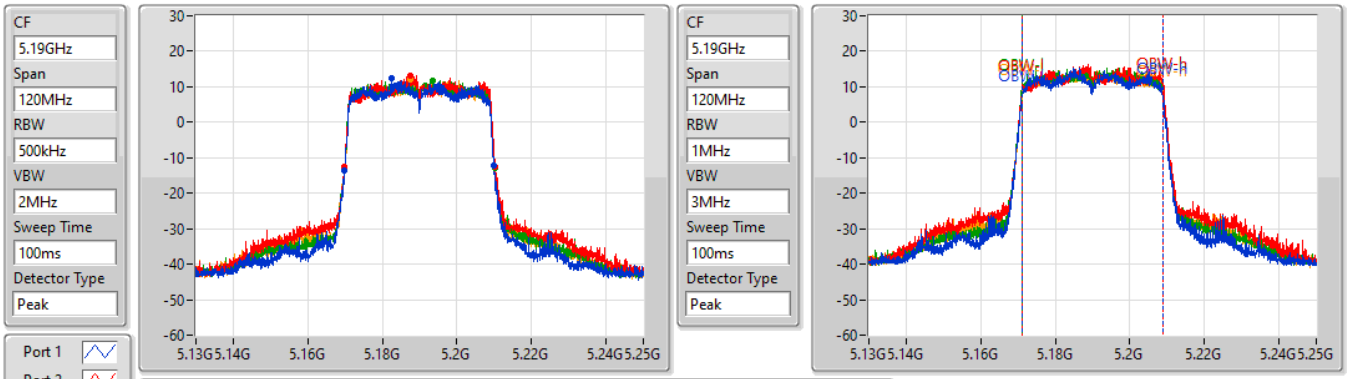


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
22.65M	5.81342G	5.83607G	Inf	1
22.26M	5.81399G	5.83625G	Inf	2
22.23M	5.81387G	5.8361G	Inf	3
22.32M	5.81411G	5.83643G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5190MHz

24/08/2022

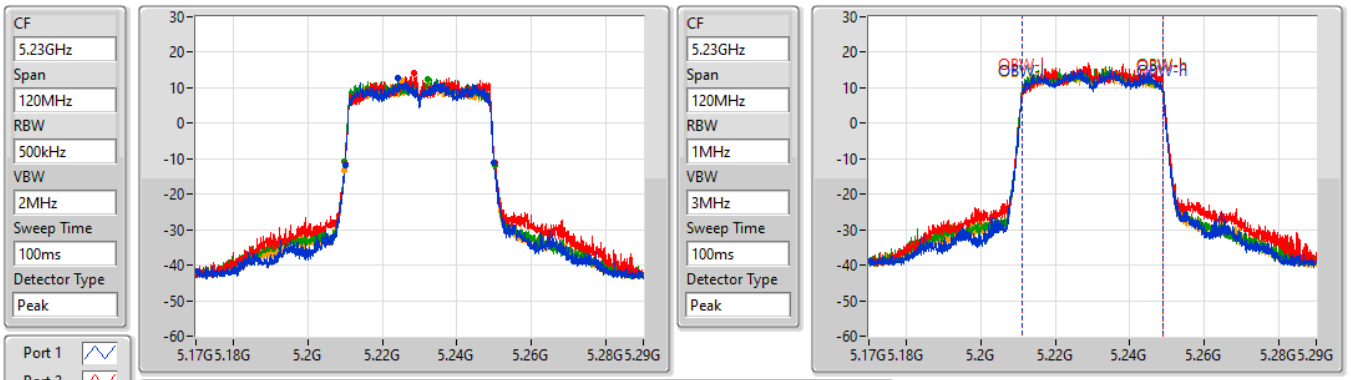


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.1699G	5.21004G	37.661M	5.171109G	5.208771G	Inf	1
40.38M	5.16978G	5.21016G	37.901M	5.171109G	5.20901G	Inf	2
40.38M	5.16978G	5.21016G	37.781M	5.171109G	5.208891G	Inf	3
40.32M	5.16984G	5.21016G	37.781M	5.171109G	5.208891G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5230MHz

24/08/2022

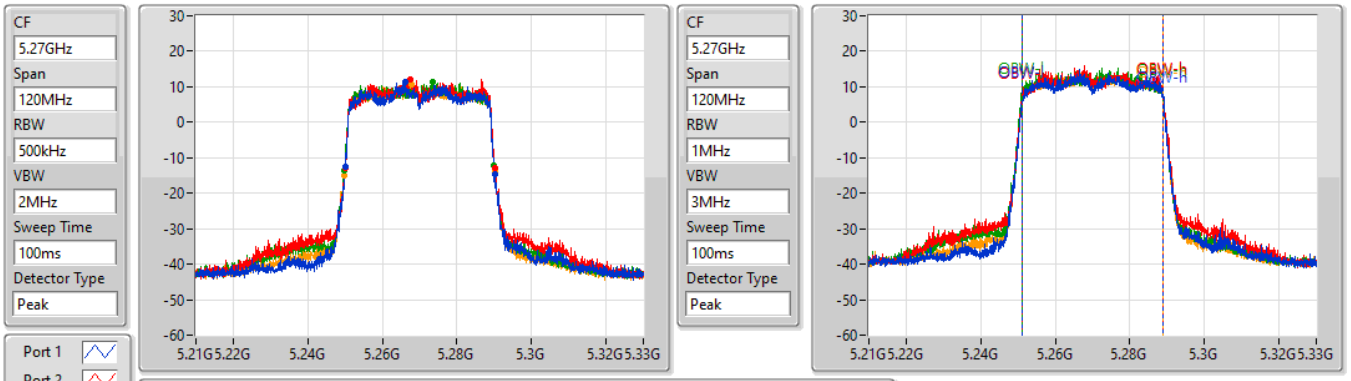


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.21008G	5.25004G	37.781M	5.211109G	5.248891G	Inf	1
40.32M	5.20996G	5.25028G	37.841M	5.211169G	5.24901G	Inf	2
40.44M	5.2099G	5.25034G	37.841M	5.211049G	5.248891G	Inf	3
40.5M	5.20978G	5.25028G	37.841M	5.211049G	5.248891G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5270MHz

24/08/2022

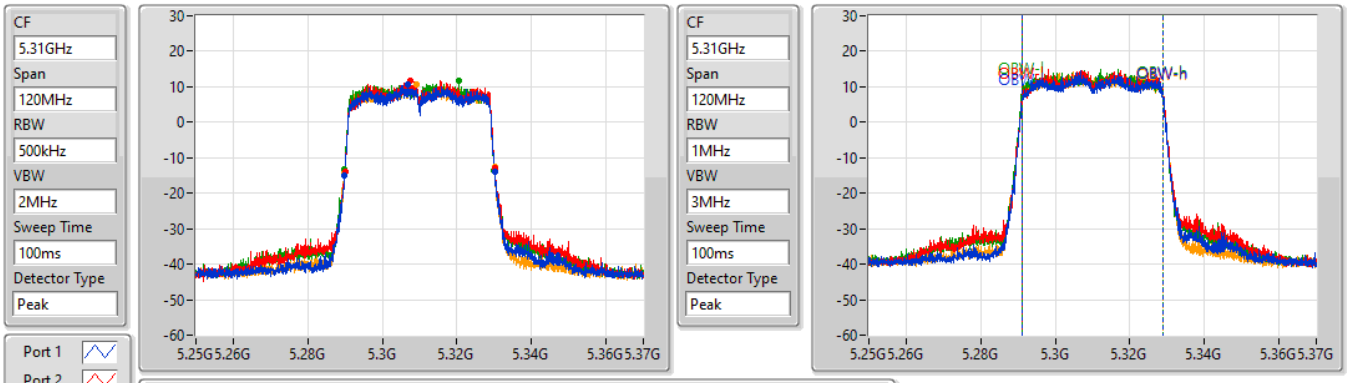


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.25002G	5.29016G	37.721M	5.251229G	5.288951G	Inf	1
40.26M	5.24996G	5.29022G	37.781M	5.251169G	5.288951G	Inf	2
40.2M	5.24978G	5.28998G	37.781M	5.251049G	5.288831G	Inf	3
40.5M	5.24978G	5.29028G	37.841M	5.251049G	5.288891G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5310MHz

24/08/2022

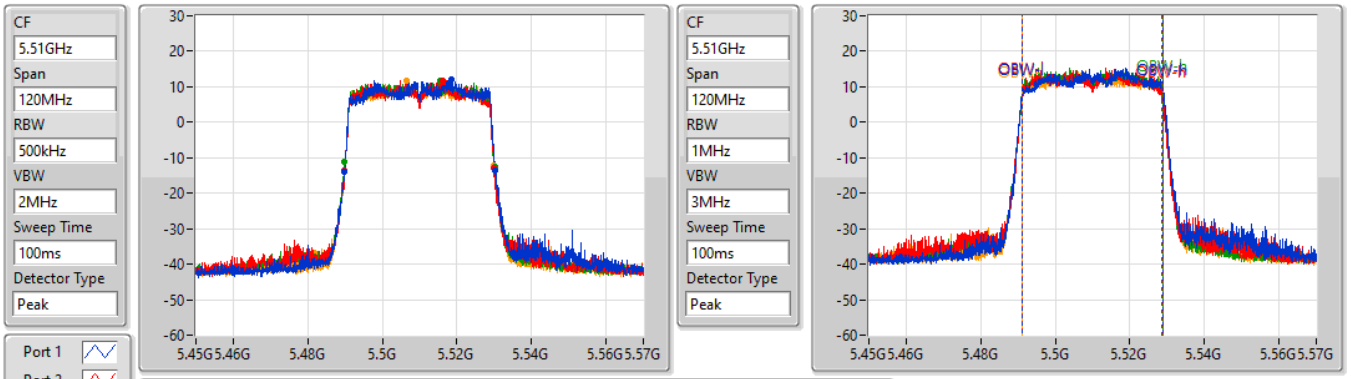


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	5.28972G	5.3301G	37.721M	5.291169G	5.328891G	Inf	1
40.2M	5.28996G	5.33016G	37.721M	5.291229G	5.328951G	Inf	2
40.32M	5.28972G	5.33004G	37.721M	5.291109G	5.328831G	Inf	3
40.2M	5.2899G	5.3301G	37.781M	5.291109G	5.328891G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5510MHz

24/08/2022

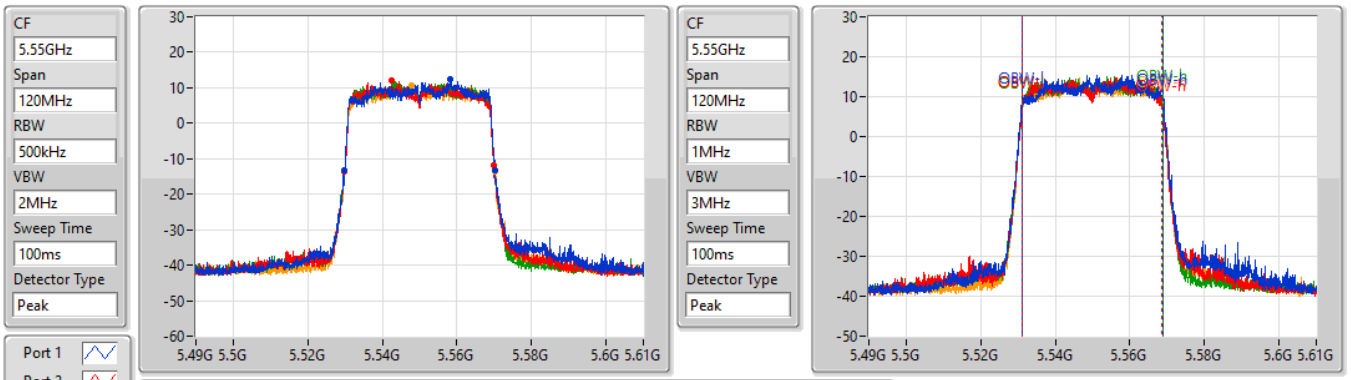


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.62M	5.48972G	5.53034G	37.901M	5.491109G	5.52901G	Inf	1
40.2M	5.48978G	5.52998G	37.541M	5.491169G	5.528711G	Inf	2
40.2M	5.4899G	5.5301G	37.781M	5.491109G	5.528891G	Inf	3
40.32M	5.48972G	5.53004G	37.841M	5.491049G	5.528891G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5550MHz

24/08/2022

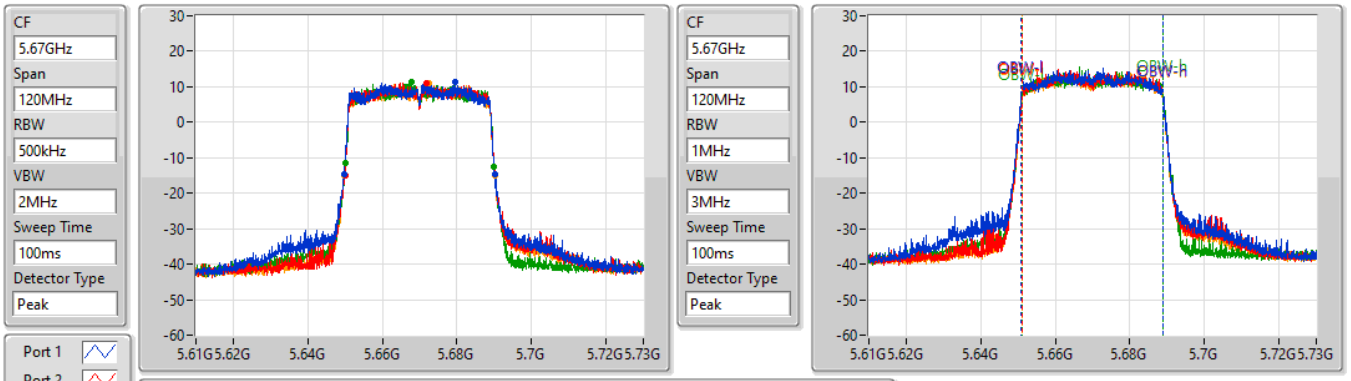


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	5.52984G	5.57022G	37.901M	5.531109G	5.56901G	Inf	1
40.26M	5.52966G	5.56992G	37.601M	5.531109G	5.568711G	Inf	2
40.32M	5.52978G	5.5701G	37.721M	5.531109G	5.568831G	Inf	3
40.5M	5.52984G	5.57034G	37.781M	5.531109G	5.568891G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5670MHz

24/08/2022

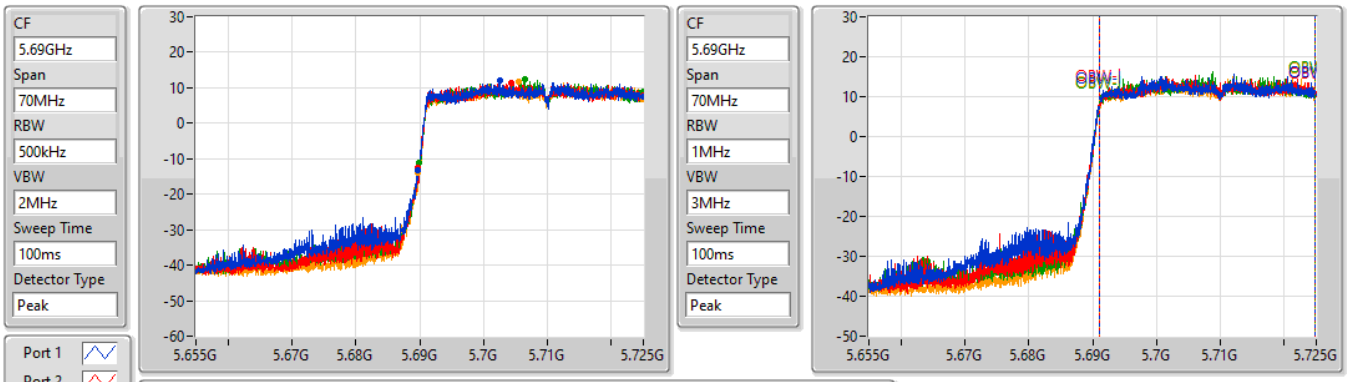


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	5.64966G	5.6901G	37.901M	5.65093G	5.688831G	Inf	1
40.26M	5.64996G	5.69022G	37.661M	5.651169G	5.688831G	Inf	2
40.02M	5.65002G	5.69004G	37.841M	5.651109G	5.688951G	Inf	3
40.26M	5.64984G	5.6901G	37.721M	5.651109G	5.688831G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

24/08/2022

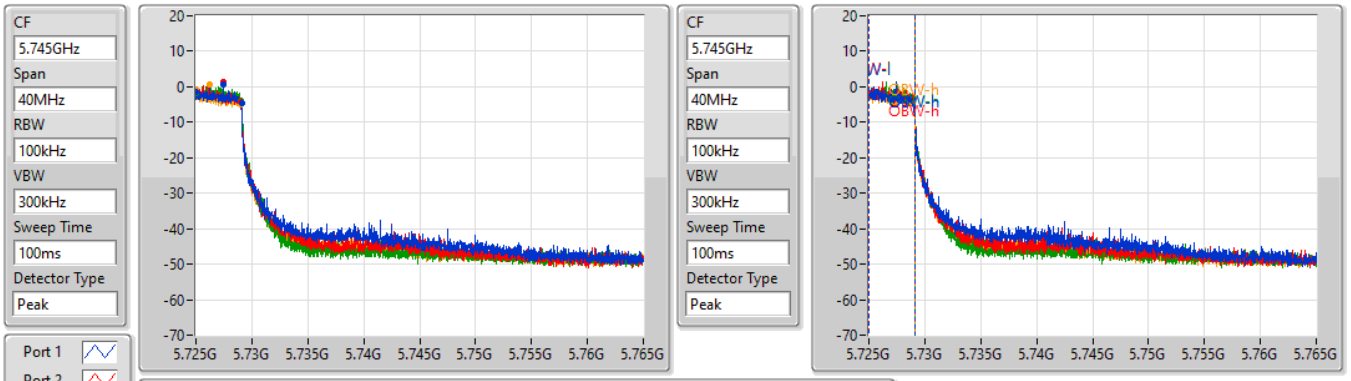


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.35M	5.68965G	5.725G	33.793M	5.69098G	5.724773G	Inf	1
35.21M	5.68979G	5.725G	33.758M	5.691014G	5.724773G	Inf	2
35.035M	5.689965G	5.725G	33.723M	5.691049G	5.724773G	Inf	3
35.28M	5.68972G	5.725G	33.723M	5.691049G	5.724773G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

24/08/2022

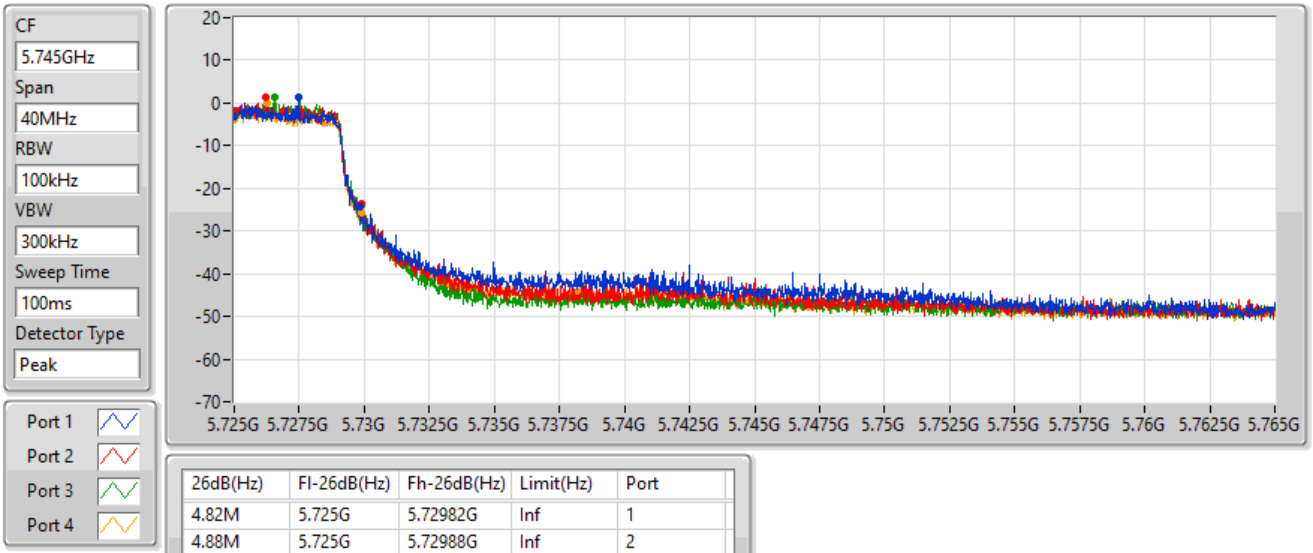


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.08M	5.725G	5.72908G	4.138M	5.72503G	5.729168G	500k	1
4.02M	5.725G	5.72902G	4.158M	5.72501G	5.729168G	500k	2
4.04M	5.725G	5.72904G	4.118M	5.72503G	5.729148G	500k	3
4.06M	5.725G	5.72906G	4.118M	5.72503G	5.729148G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

24/08/2022

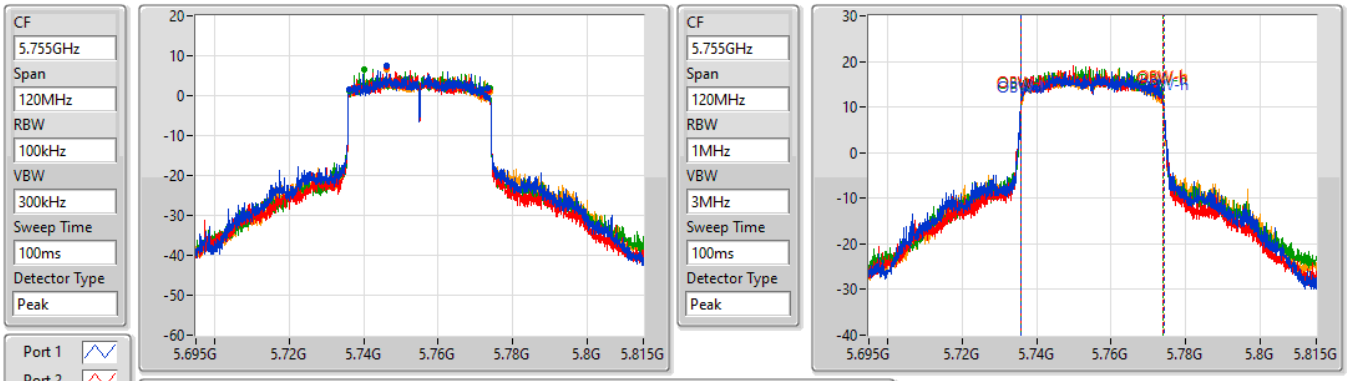


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.82M	5.725G	5.72982G	Inf	1
4.88M	5.725G	5.72988G	Inf	2
4.92M	5.725G	5.72992G	Inf	3
4.9M	5.725G	5.7299G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5755MHz

24/08/2022

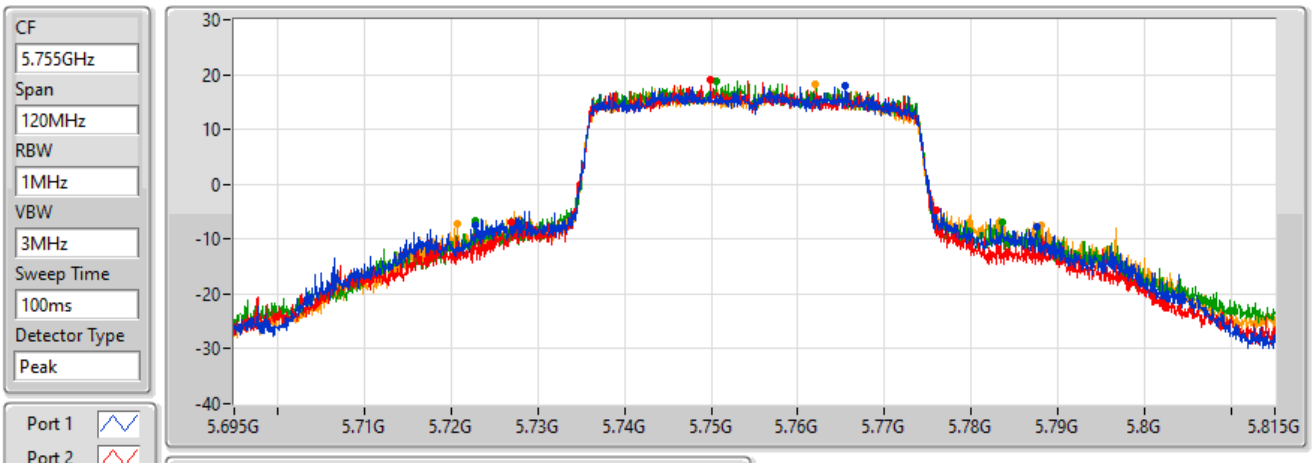


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.14M	5.7361G	5.77324G	38.321M	5.73575G	5.77407G	500k	1
37.38M	5.73604G	5.77342G	38.141M	5.73581G	5.773951G	500k	2
37.92M	5.73598G	5.7739G	38.201M	5.73581G	5.77401G	500k	3
37.62M	5.7361G	5.77372G	38.321M	5.73575G	5.77407G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5755MHz

24/08/2022

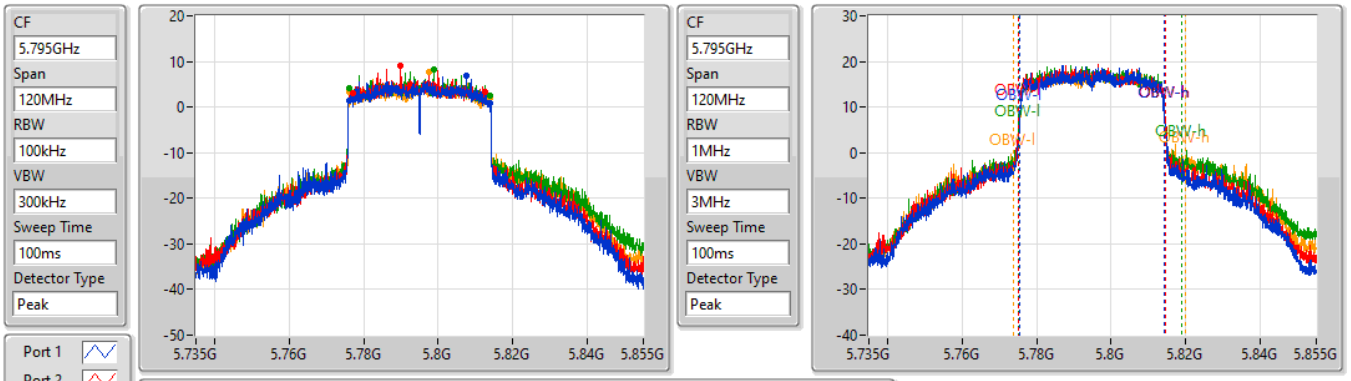


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
64.8M	5.72278G	5.78758G	Inf	1
49.08M	5.72692G	5.776G	Inf	2
60.78M	5.72284G	5.78362G	Inf	3
67.32M	5.72074G	5.78806G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5795MHz

24/08/2022

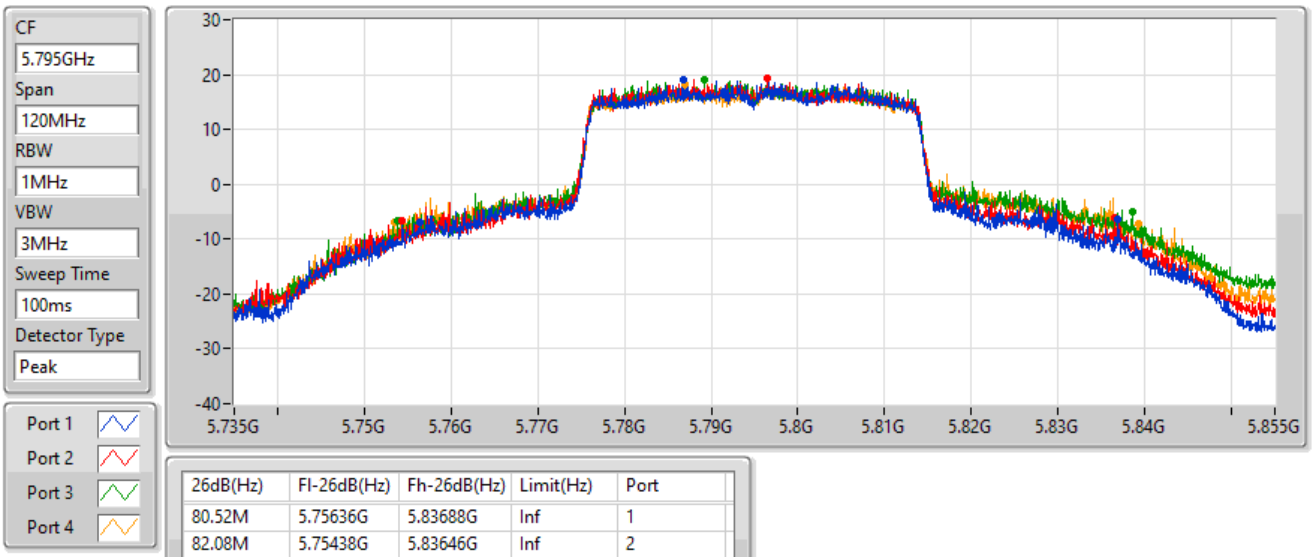


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.98M	5.77598G	5.81396G	38.861M	5.77545G	5.81431G	500k	1
35.22M	5.77724G	5.81246G	39.22M	5.77527G	5.81449G	500k	2
37.62M	5.77616G	5.81378G	44.018M	5.77497G	5.818988G	500k	3
37.8M	5.77616G	5.81396G	45.877M	5.773891G	5.819768G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5795MHz

24/08/2022

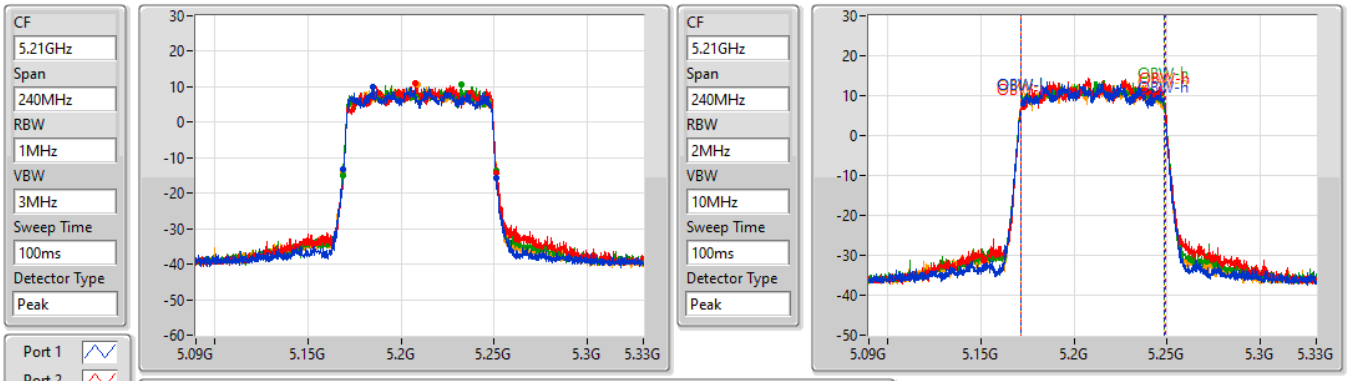


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
80.52M	5.75636G	5.83688G	Inf	1
82.08M	5.75438G	5.83646G	Inf	2
84.66M	5.7539G	5.83856G	Inf	3
85.74M	5.75354G	5.83928G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5210MHz

24/08/2022

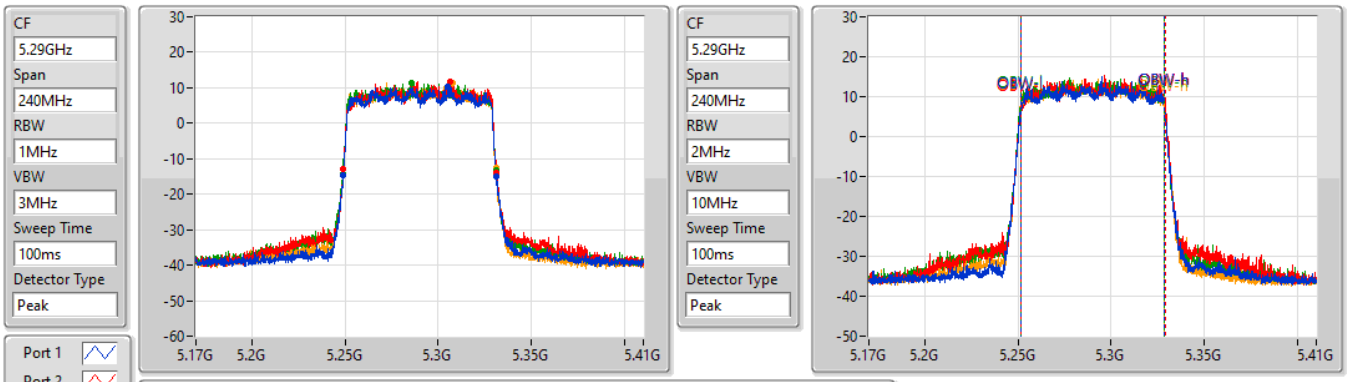


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.16884G	5.25116G	77.361M	5.171259G	5.248621G	Inf	1
82.2M	5.16908G	5.25128G	77.361M	5.171499G	5.248861G	Inf	2
81.84M	5.16896G	5.2508G	77.241M	5.171259G	5.248501G	Inf	3
81.84M	5.16908G	5.25092G	77.481M	5.171259G	5.248741G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5290MHz

24/08/2022

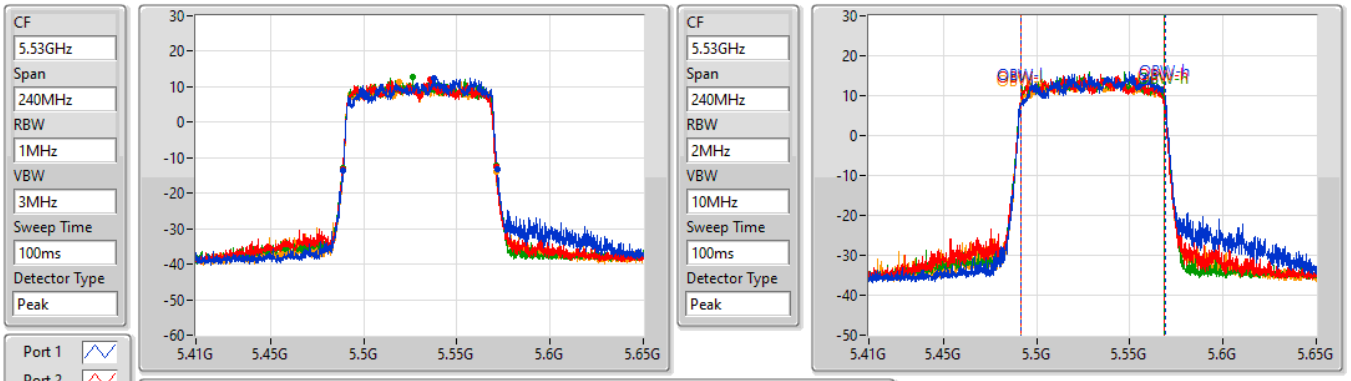


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.68M	5.24872G	5.3314G	77.121M	5.251499G	5.328621G	Inf	1
81.96M	5.2492G	5.33116G	77.241M	5.251619G	5.328861G	Inf	2
82.56M	5.24872G	5.33128G	77.121M	5.251379G	5.328501G	Inf	3
82.08M	5.24896G	5.33104G	77.241M	5.251379G	5.328621G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5530MHz

24/08/2022

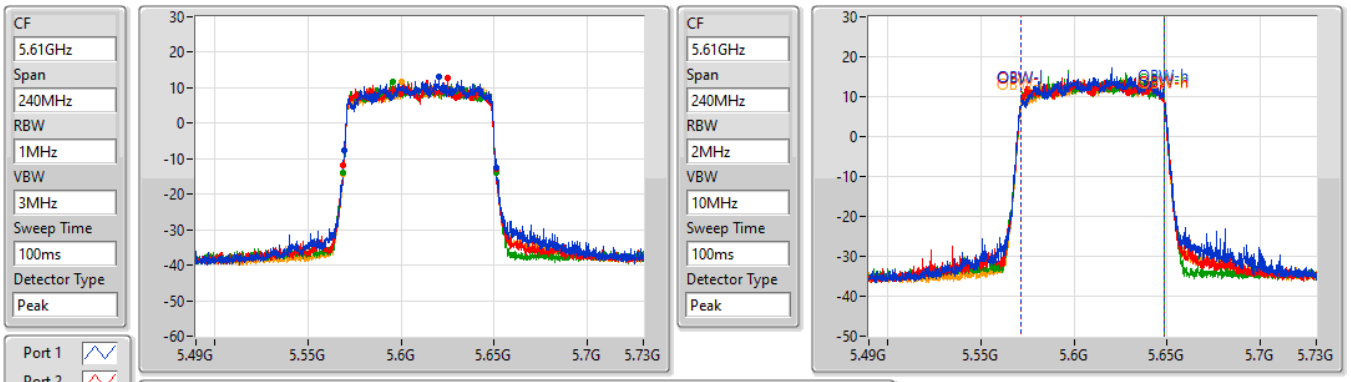


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.92M	5.48896G	5.57188G	77.361M	5.491619G	5.568981G	Inf	1
81.96M	5.48884G	5.5708G	76.882M	5.491379G	5.568261G	Inf	2
81.96M	5.48896G	5.57092G	77.121M	5.491379G	5.568501G	Inf	3
81.96M	5.48908G	5.57104G	77.361M	5.491259G	5.568621G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5610MHz

24/08/2022

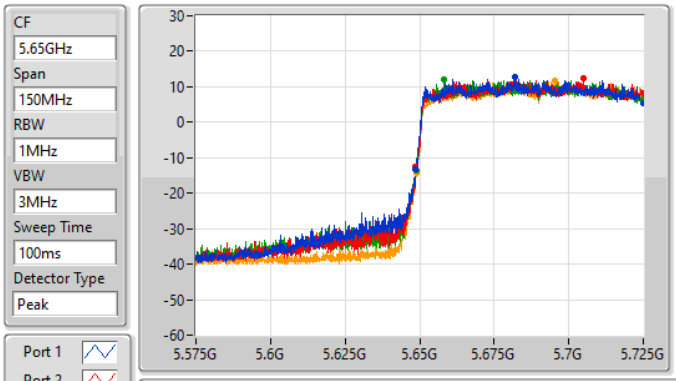


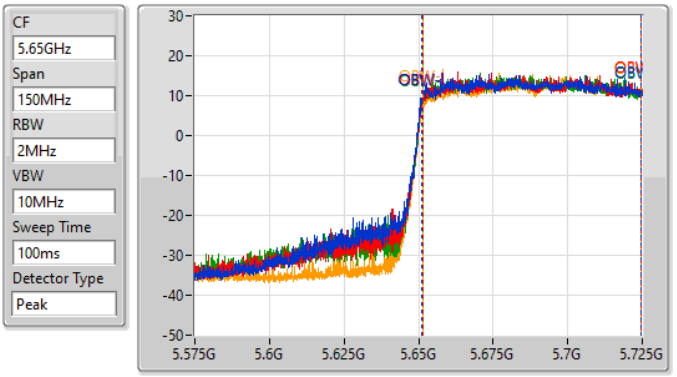
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.56932G	5.65104G	77.361M	5.571379G	5.648741G	Inf	1
81.72M	5.56908G	5.6508G	77.001M	5.571499G	5.648501G	Inf	2
81.96M	5.56908G	5.65104G	77.361M	5.571379G	5.648741G	Inf	3
82.2M	5.56884G	5.65104G	77.241M	5.571499G	5.648741G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

24/08/2022



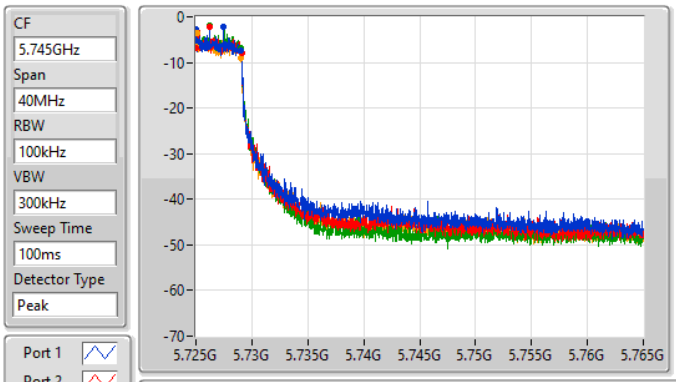


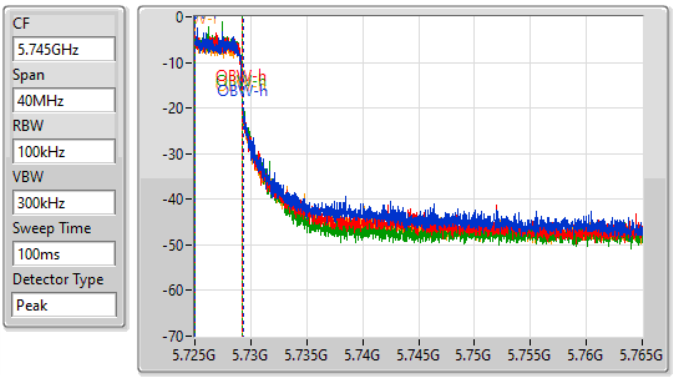
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.575M	5.648425G	5.725G	73.463M	5.650975G	5.724438G	Inf	1
76.275M	5.648725G	5.725G	73.163M	5.651349G	5.724513G	Inf	2
76.125M	5.648875G	5.725G	73.238M	5.651274G	5.724513G	Inf	3
76.125M	5.648875G	5.725G	73.163M	5.651349G	5.724513G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

24/08/2022





6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.02M	5.725G	5.72902G	4.318M	5.72501G	5.729328G	500k	1
4.08M	5.725G	5.72908G	4.218M	5.72503G	5.729248G	500k	2
4.02M	5.725G	5.72902G	4.218M	5.72501G	5.729228G	500k	3
4.06M	5.725G	5.72906G	4.258M	5.72501G	5.729268G	500k	4

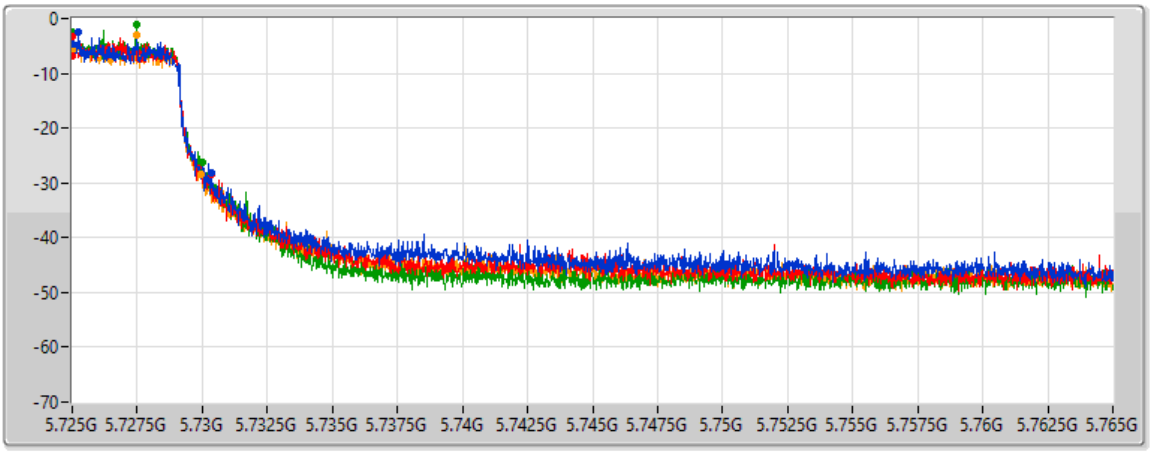
802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

24/08/2022

CF 5.745GHz
Span 40MHz
RBW 100kHz
VBW 300kHz
Sweep Time 100ms
Detector Type Peak

Port 1
Port 2
Port 3
Port 4



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.38M	5.725G	5.73038G	Inf	1
5.38M	5.725G	5.73038G	Inf	2
5.02M	5.725G	5.73002G	Inf	3
4.96M	5.725G	5.72996G	Inf	4

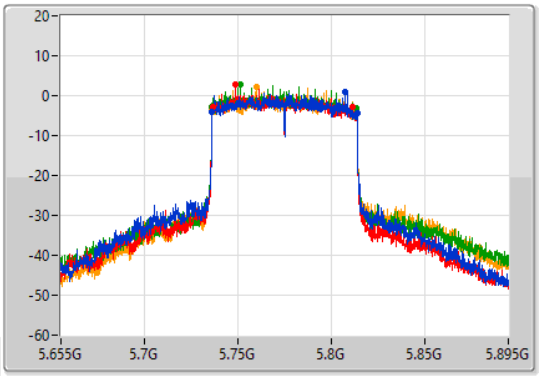
802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5775MHz

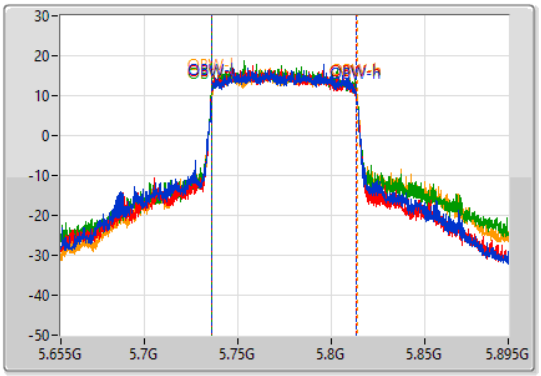
24/08/2022

CF 5.775GHz
Span 240MHz
RBW 100kHz
VBW 300kHz
Sweep Time 100ms
Detector Type Peak

Port 1
Port 2
Port 3
Port 4



CF 5.775GHz
Span 240MHz
RBW 2MHz
VBW 10MHz
Sweep Time 100ms
Detector Type Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.88M	5.736G	5.81388G	77.721M	5.7359G	5.813621G	500k	1
74.76M	5.73636G	5.81112G	77.721M	5.7359G	5.813621G	500k	2
77.52M	5.736G	5.81352G	77.841M	5.7359G	5.813741G	500k	3
76.92M	5.736G	5.81292G	77.841M	5.736019G	5.813861G	500k	4

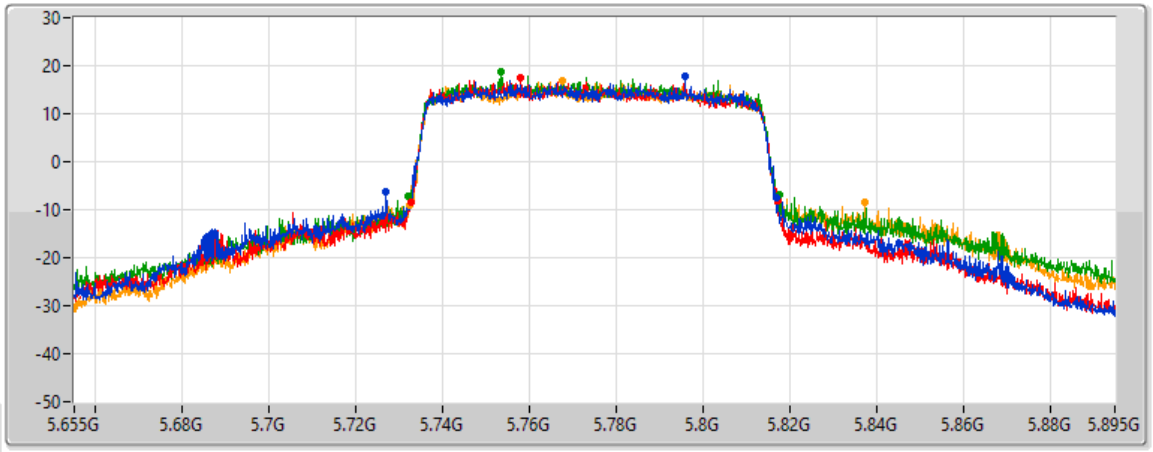
802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5775MHz

24/08/2022

CF 5.775GHz
Span 240MHz
RBW 2MHz
VBW 10MHz
Sweep Time 100ms
Detector Type Peak

Port 1
Port 2
Port 3
Port 4



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
90.24M	5.72688G	5.81712G	Inf	1
84.6M	5.73264G	5.81724G	Inf	2
85.44M	5.73204G	5.81748G	Inf	3
104.76M	5.73252G	5.83728G	Inf	4

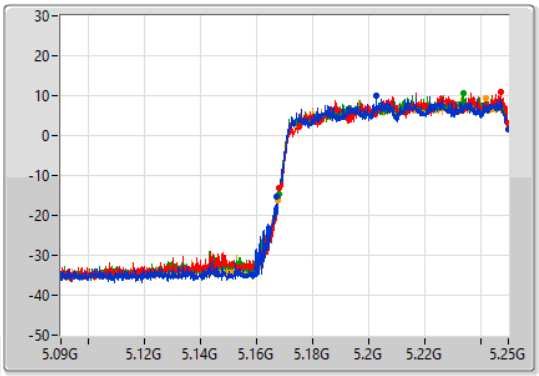
802.11ax HEW160_Nss1,(MCS0)_4TX EBW

5250MHz Straddle 5.15-5.25GHz

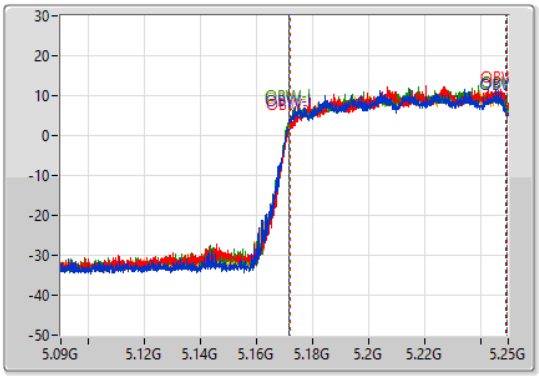
24/08/2022

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



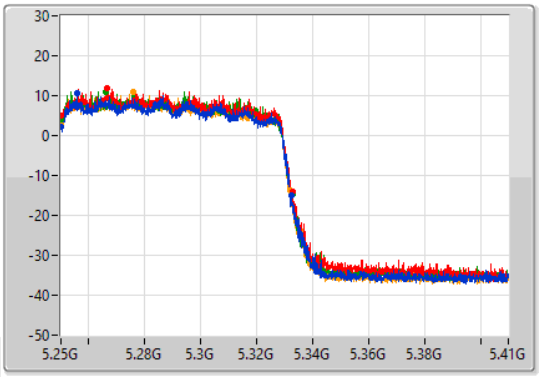
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.88M	5.16712G	5.25G	77.881M	5.1714396	5.24932G	Inf	1
82.08M	5.16792G	5.25G	77.481M	5.1719996	5.24948G	Inf	2
82.16M	5.16784G	5.25G	78.041M	5.1714396	5.24948G	Inf	3
82.24M	5.16776G	5.25G	77.961M	5.1714396	5.2494G	Inf	4

802.11ax HEW160_Nss1,(MCS0)_4TX EBW

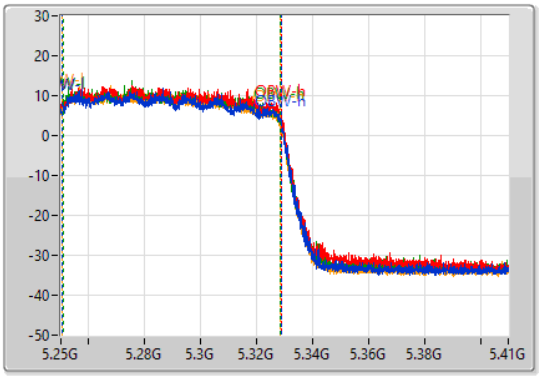
5250MHz Straddle 5.25-5.35GHz

24/08/2022

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



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



Port 1
Port 2
Port 3
Port 4

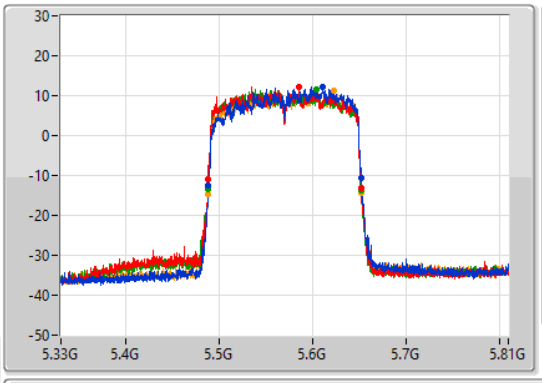
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.56M	5.25G	5.33256G	78.121M	5.2506G	5.328721G	Inf	1
82.72M	5.25G	5.33272G	78.121M	5.2506G	5.328721G	Inf	2
82.72M	5.25G	5.33272G	77.801M	5.25068G	5.328481G	Inf	3
82.16M	5.25G	5.33216G	77.801M	5.2506G	5.328401G	Inf	4

802.11ax HEW160_Nss1,(MCS0)_4TX EBW

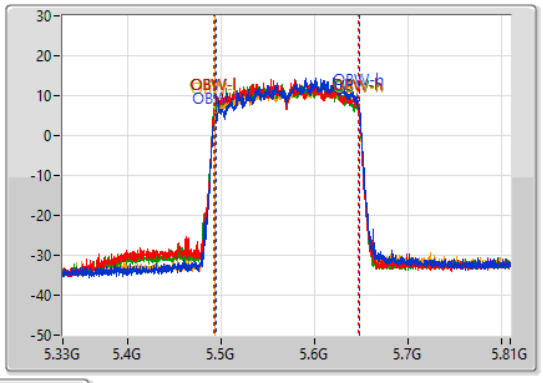
5570MHz

24/08/2022

CF	5.57GHz
Span	480MHz
RBW	2MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.57GHz
Span	480MHz
RBW	3MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.16M	5.48816G	5.65232G	153.763M	5.494198G	5.647961G	Inf	1
164.64M	5.48768G	5.65232G	154.723M	5.492519G	5.647241G	Inf	2
164.64M	5.48768G	5.65232G	155.442M	5.492279G	5.647721G	Inf	3
164.88M	5.48744G	5.65232G	154.963M	5.492759G	5.647721G	Inf	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	25.16	0.32810
802.11ax HEW20_Nss1,(MCS0)_4TX	24.85	0.30549
802.11ax HEW40_Nss1,(MCS0)_4TX	25.08	0.32211
802.11ax HEW80_Nss1,(MCS0)_4TX	22.40	0.17378
802.11ax HEW160_Nss1,(MCS0)_4TX	18.43	0.06966
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.09	0.20370
802.11ax HEW20_Nss1,(MCS0)_4TX	23.90	0.24547
802.11ax HEW40_Nss1,(MCS0)_4TX	23.60	0.22909
802.11ax HEW80_Nss1,(MCS0)_4TX	23.26	0.21184
802.11ax HEW160_Nss1,(MCS0)_4TX	18.98	0.07907
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.39	0.21827
802.11ax HEW20_Nss1,(MCS0)_4TX	23.89	0.24491
802.11ax HEW40_Nss1,(MCS0)_4TX	23.93	0.24717
802.11ax HEW80_Nss1,(MCS0)_4TX	23.95	0.24831
802.11ax HEW160_Nss1,(MCS0)_4TX	23.41	0.21928
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	27.81	0.60395
802.11ax HEW20_Nss1,(MCS0)_4TX	27.50	0.56234
802.11ax HEW40_Nss1,(MCS0)_4TX	28.72	0.74473
802.11ax HEW80_Nss1,(MCS0)_4TX	26.20	0.41687

Result

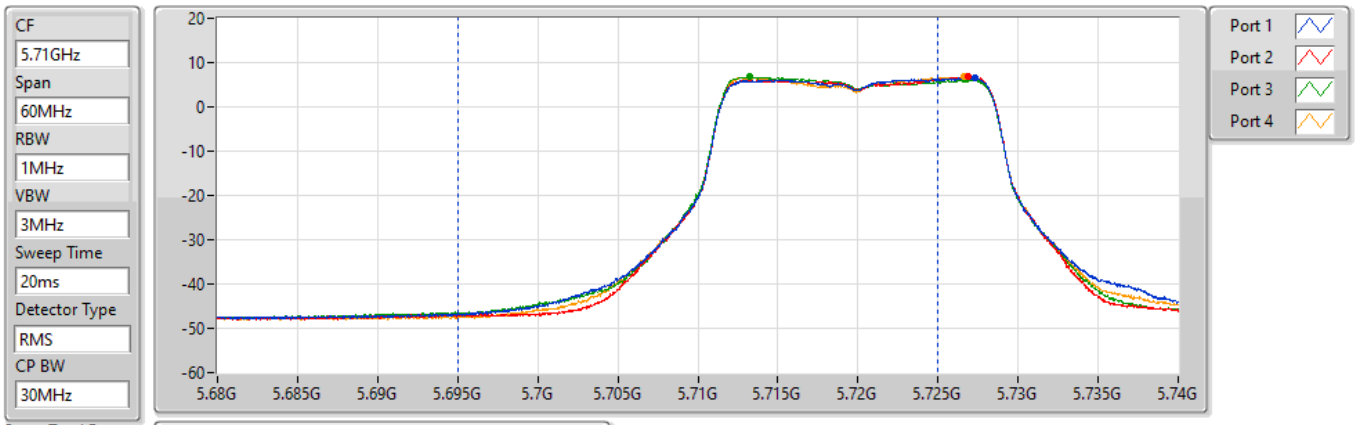
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.19	18.86	19.40	19.20	19.08	25.16	30.00
5200MHz	Pass	3.19	18.56	19.04	18.85	18.79	24.83	30.00
5240MHz	Pass	3.19	18.68	19.24	18.96	18.90	24.97	30.00
5260MHz	Pass	4.00	16.54	17.38	17.06	16.85	22.99	23.98
5300MHz	Pass	4.00	16.63	17.12	17.21	17.16	23.06	23.98
5320MHz	Pass	4.00	16.77	17.24	17.24	17.00	23.09	23.98
5500MHz	Pass	3.11	17.25	17.17	17.42	17.11	23.26	23.98
5580MHz	Pass	3.11	17.33	16.79	17.43	17.10	23.19	23.98
5700MHz	Pass	3.11	17.37	17.35	17.47	17.28	23.39	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.11	16.48	16.37	16.67	16.50	22.53	22.80
5720MHz Straddle 5.725-5.85GHz	Pass	3.31	11.18	11.50	10.71	11.42	17.23	30.00
5745MHz	Pass	3.31	21.22	21.37	21.28	21.36	27.33	30.00
5785MHz	Pass	3.31	21.23	21.50	21.60	21.48	27.48	30.00
5825MHz	Pass	3.31	21.53	21.82	21.86	21.93	27.81	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.19	18.45	19.41	18.98	18.38	24.85	30.00
5200MHz	Pass	3.19	17.59	18.48	17.78	17.87	23.96	30.00
5240MHz	Pass	3.19	17.70	18.62	18.45	17.87	24.20	30.00
5260MHz	Pass	4.00	17.21	18.29	17.69	17.47	23.70	23.98
5300MHz	Pass	4.00	17.29	18.02	18.22	17.57	23.81	23.98
5320MHz	Pass	4.00	17.51	18.11	18.25	17.58	23.90	23.98
5500MHz	Pass	3.11	18.00	17.57	18.11	17.15	23.74	23.98
5580MHz	Pass	3.11	18.16	17.99	17.90	17.37	23.89	23.98
5700MHz	Pass	3.11	17.94	17.93	16.67	17.52	23.57	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.11	16.56	16.49	16.48	15.90	22.39	23.01
5720MHz Straddle 5.725-5.85GHz	Pass	3.31	11.89	11.33	12.05	11.83	17.80	30.00
5745MHz	Pass	3.31	21.24	21.31	21.55	21.17	27.34	30.00
5785MHz	Pass	3.31	21.41	21.41	21.81	21.27	27.50	30.00
5825MHz	Pass	3.31	19.60	19.22	19.99	19.56	25.62	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.19	18.23	19.24	18.91	18.46	24.75	30.00
5230MHz	Pass	3.19	18.70	19.54	19.20	18.73	25.08	30.00
5270MHz	Pass	4.00	17.05	18.00	17.68	17.52	23.60	23.98
5310MHz	Pass	4.00	17.00	17.75	18.07	17.33	23.58	23.98
5510MHz	Pass	3.11	17.97	17.75	18.01	17.41	23.81	23.98
5550MHz	Pass	3.11	18.39	16.86	18.25	17.56	23.83	23.98
5670MHz	Pass	3.11	18.10	17.94	18.05	17.51	23.93	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.11	17.76	17.75	18.04	17.43	23.77	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.31	6.71	7.11	7.62	6.25	12.97	30.00
5755MHz	Pass	3.31	21.83	21.81	22.21	21.64	27.90	30.00
5795MHz	Pass	3.31	22.50	22.95	22.91	22.41	28.72	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.19	16.07	16.72	16.57	16.12	22.40	30.00
5290MHz	Pass	4.00	16.77	17.52	17.67	16.93	23.26	23.98
5530MHz	Pass	3.11	17.92	17.56	17.70	17.15	23.61	23.98
5610MHz	Pass	3.11	18.28	17.81	17.90	17.54	23.91	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.11	18.10	17.99	18.10	17.51	23.95	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.31	3.16	3.52	3.89	2.90	9.40	30.00
5775MHz	Pass	3.31	20.05	19.95	20.66	20.02	26.20	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.19	12.06	12.71	12.62	12.22	18.43	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.00	12.36	13.56	13.30	12.49	18.98	23.98
5570MHz	Pass	3.11	17.68	17.49	17.43	16.91	23.41	23.98

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

802.11a_Nss1,(6Mbps)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

24/08/2022

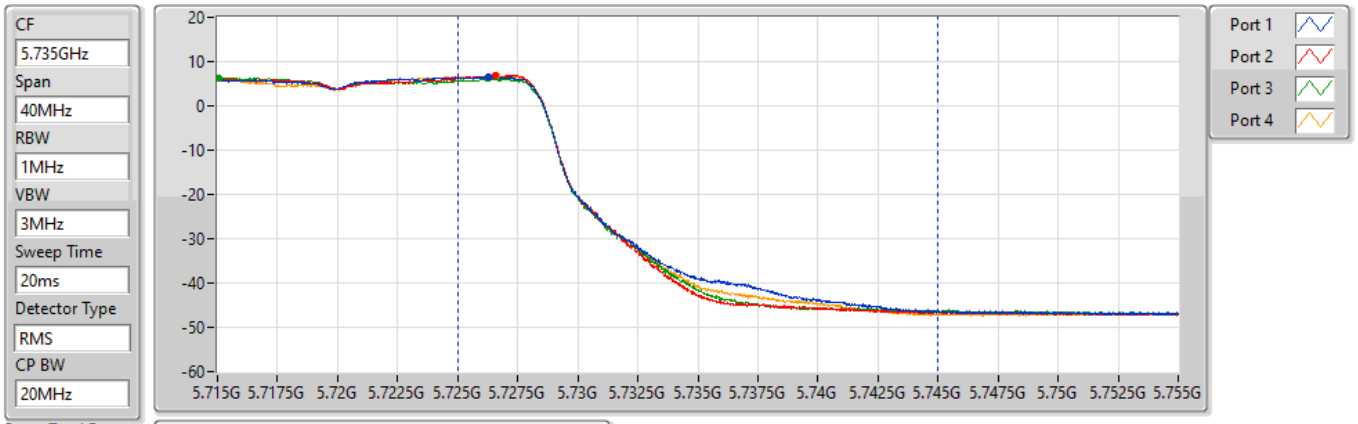


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.53	16.48	16.37	16.67	16.50

802.11a_Nss1,(6Mbps)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

24/08/2022

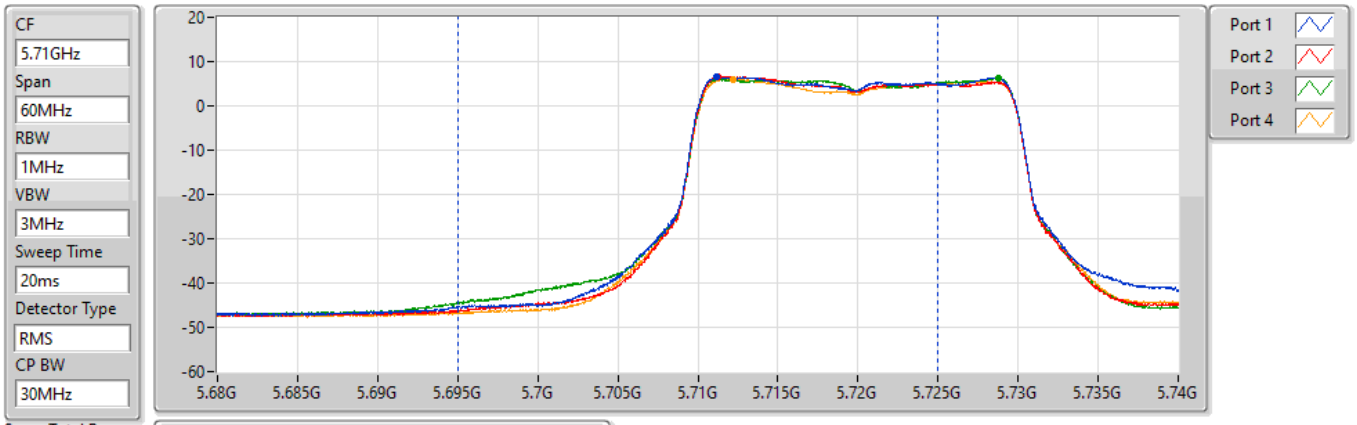


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.23	11.18	11.50	10.71	11.42

802.11ax HEW20_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

24/08/2022

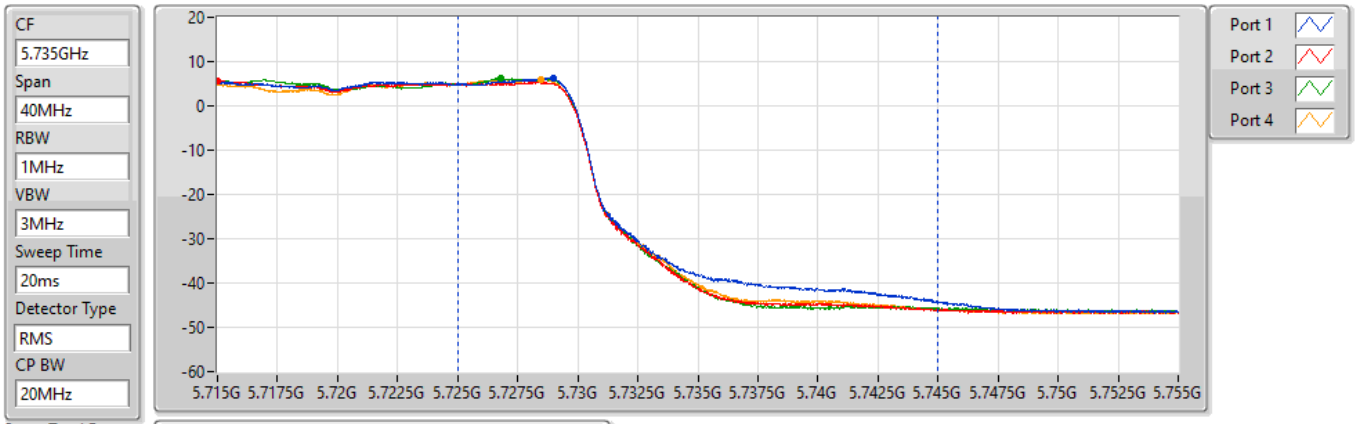


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.39	16.56	16.49	16.48	15.90

802.11ax HEW20_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

24/08/2022

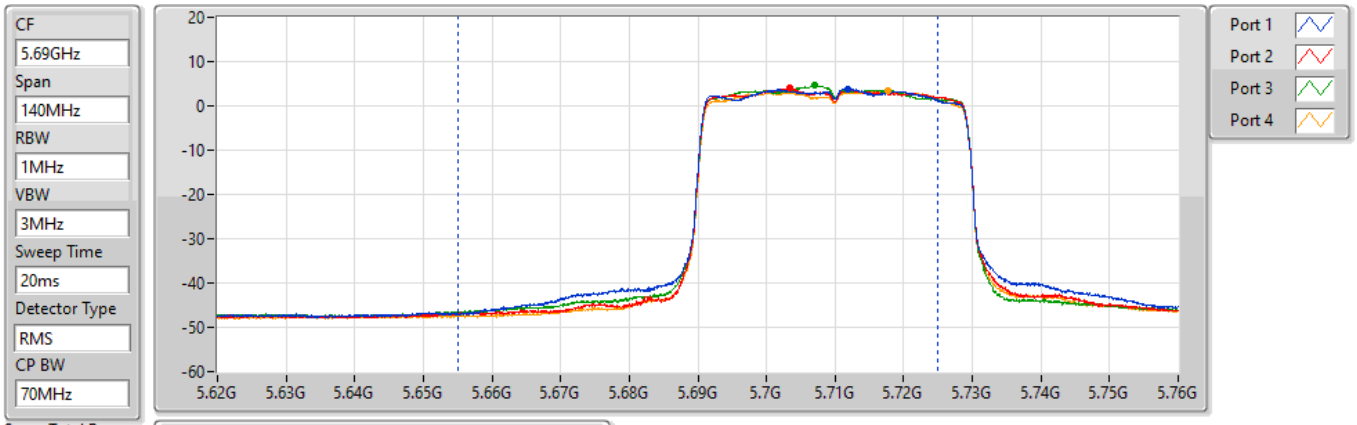


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.80	11.89	11.33	12.05	11.83

802.11ax HEW40_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

24/08/2022

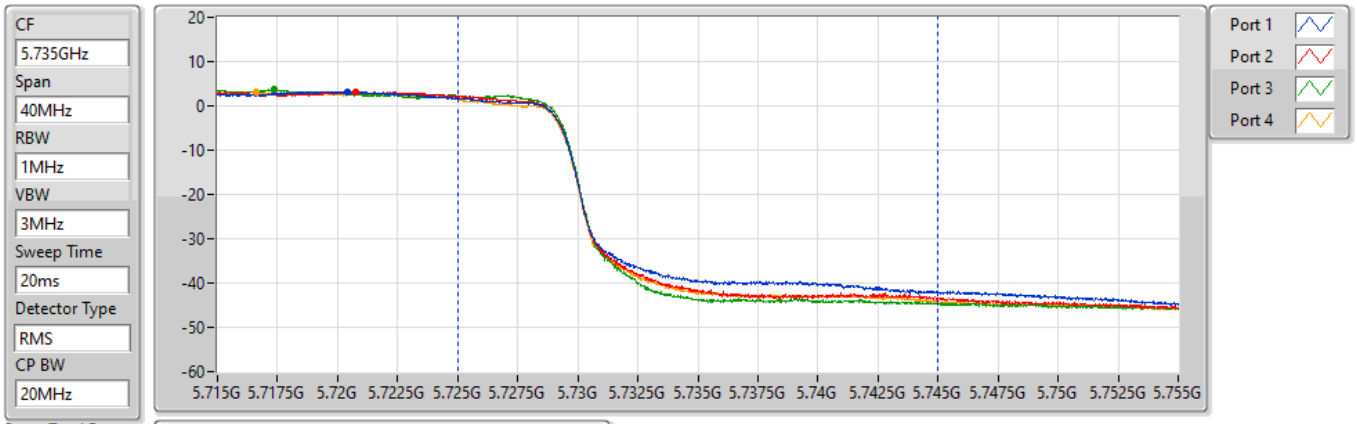


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.77	17.76	17.75	18.04	17.43

802.11ax HEW40_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

24/08/2022

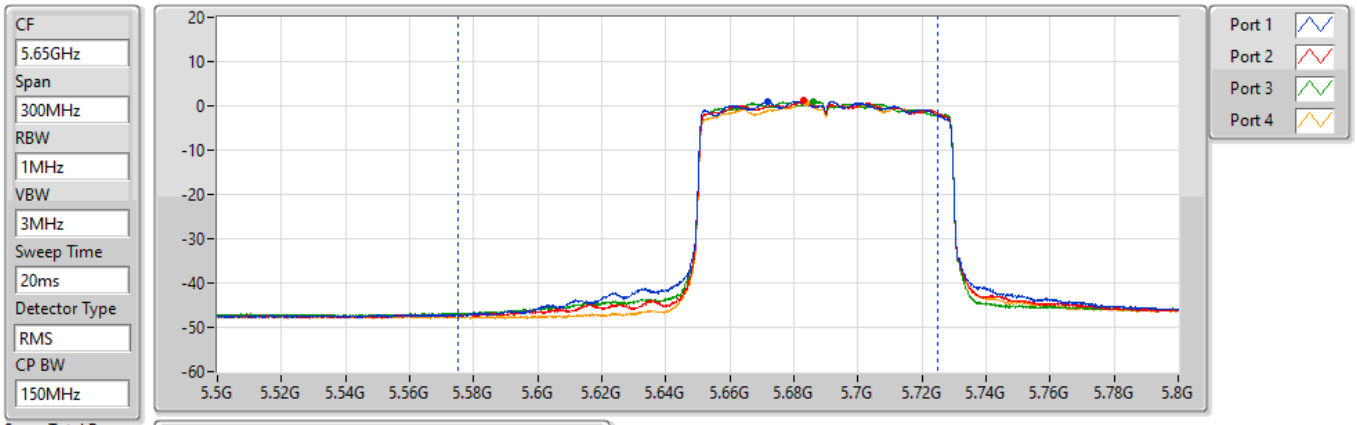


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.97	6.71	7.11	7.62	6.25

802.11ax HEW80_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

24/08/2022

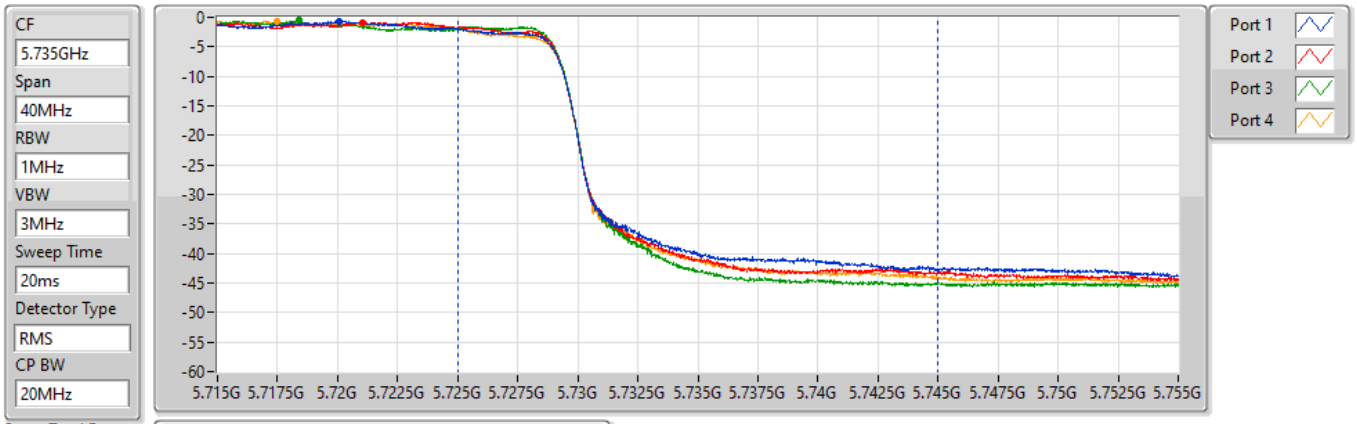


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.95	18.10	17.99	18.10	17.51

802.11ax HEW80_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

24/08/2022

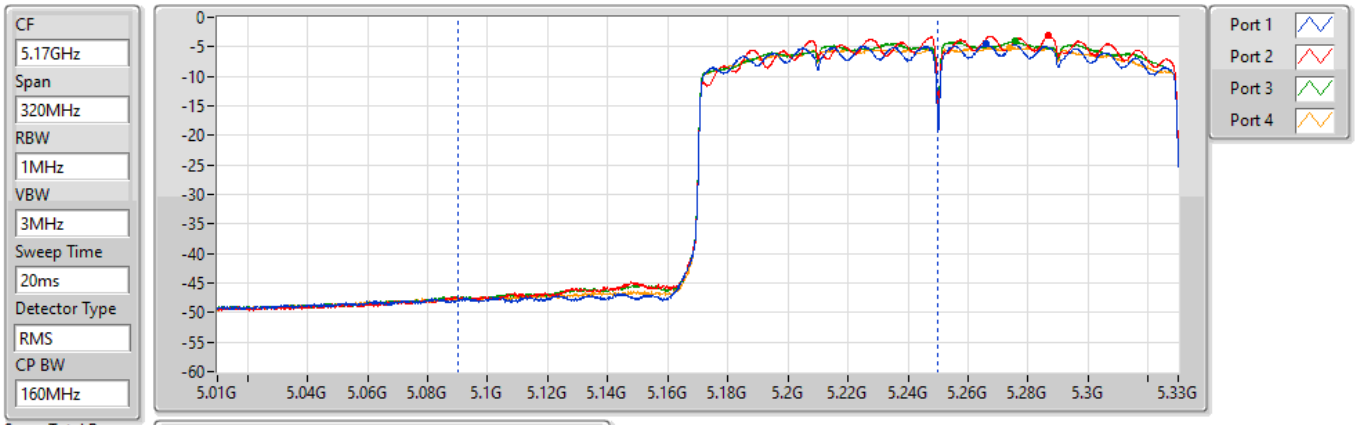


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.40	3.16	3.52	3.89	2.90

802.11ax HEW160_Nss1,(MCS0)_4TX AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

24/08/2022

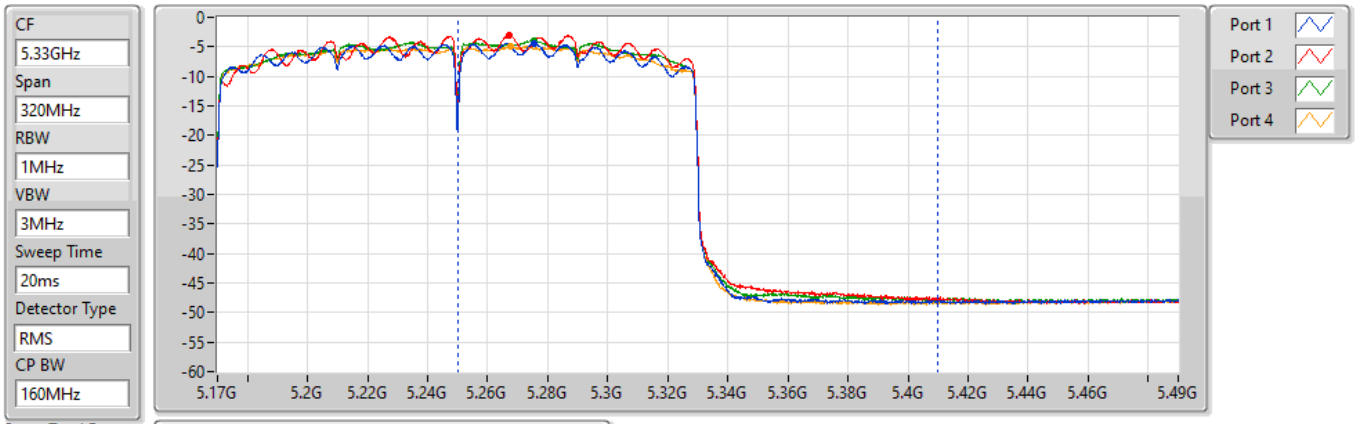


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.43	12.06	12.71	12.62	12.22

802.11ax HEW160_Nss1,(MCS0)_4TX AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

24/08/2022



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.98	12.36	13.56	13.30	12.49

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	24.85	0.30549
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	25.08	0.32211
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.40	0.17378
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	18.43	0.06966
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.90	0.24547
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.60	0.22909
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.26	0.21184
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	18.98	0.07907
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.89	0.24491
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.93	0.24717
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.95	0.24831
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	23.41	0.21928
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.50	0.56234
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	28.72	0.74473
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	26.20	0.41687

Result

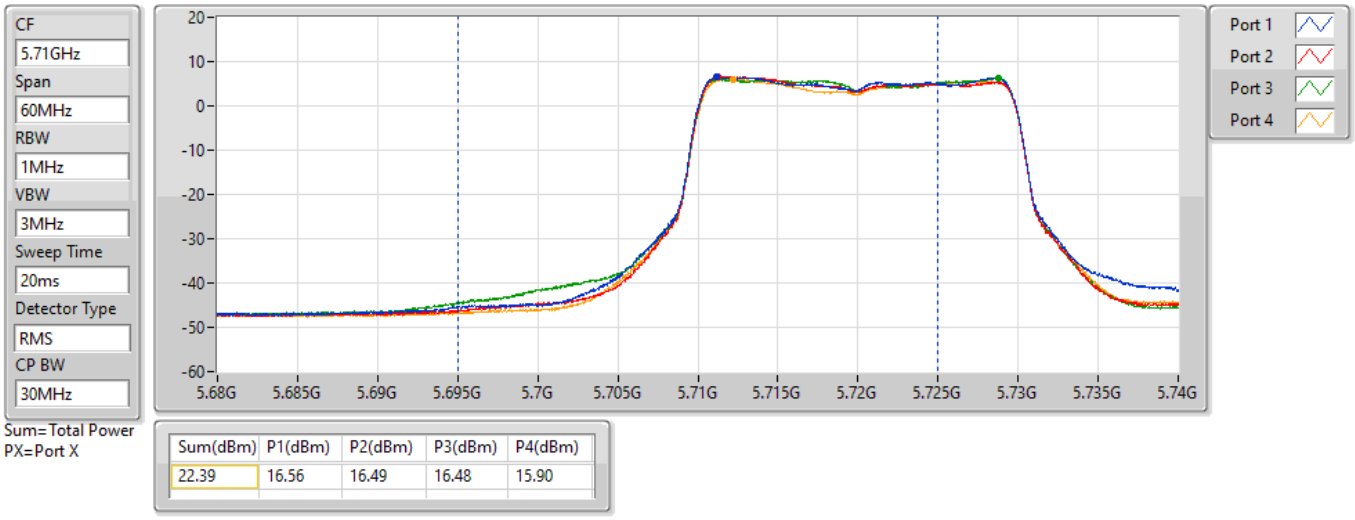
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.87	18.45	19.41	18.98	18.38	24.85	30.00
5200MHz	Pass	4.87	17.59	18.48	17.78	17.87	23.96	30.00
5240MHz	Pass	4.87	17.7	18.62	18.45	17.87	24.20	30.00
5260MHz	Pass	4.61	17.21	18.29	17.69	17.47	23.70	23.98
5300MHz	Pass	4.61	17.29	18.02	18.22	17.57	23.81	23.98
5320MHz	Pass	4.61	17.51	18.11	18.25	17.58	23.90	23.98
5500MHz	Pass	3.59	18	17.57	18.11	17.15	23.74	23.98
5580MHz	Pass	3.59	18.16	17.99	17.9	17.37	23.89	23.98
5700MHz	Pass	3.59	17.94	17.93	16.67	17.52	23.57	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.59	16.56	16.49	16.48	15.9	22.39	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	4.00	11.89	11.33	12.05	11.83	17.80	30.00
5745MHz	Pass	4.00	21.24	21.31	21.55	21.17	27.34	30.00
5785MHz	Pass	4.00	21.41	21.41	21.81	21.27	27.50	30.00
5825MHz	Pass	4.00	19.6	19.22	19.99	19.56	25.62	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.87	18.23	19.24	18.91	18.46	24.75	30.00
5230MHz	Pass	4.87	18.7	19.54	19.2	18.73	25.08	30.00
5270MHz	Pass	4.61	17.05	18	17.68	17.52	23.60	23.98
5310MHz	Pass	4.61	17	17.75	18.07	17.33	23.58	23.98
5510MHz	Pass	3.59	17.97	17.75	18.01	17.41	23.81	23.98
5550MHz	Pass	3.59	18.39	16.86	18.25	17.56	23.83	23.98
5670MHz	Pass	3.59	18.1	17.94	18.05	17.51	23.93	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.59	17.76	17.75	18.04	17.43	23.77	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.00	6.71	7.11	7.62	6.25	12.97	30.00
5755MHz	Pass	4.00	21.83	21.81	22.21	21.64	27.90	30.00
5795MHz	Pass	4.00	22.5	22.95	22.91	22.41	28.72	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.87	16.07	16.72	16.57	16.12	22.40	30.00
5290MHz	Pass	4.61	16.77	17.52	17.67	16.93	23.26	23.98
5530MHz	Pass	3.59	17.92	17.56	17.7	17.15	23.61	23.98
5610MHz	Pass	3.59	18.28	17.81	17.9	17.54	23.91	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.59	18.1	17.99	18.1	17.51	23.95	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.00	3.16	3.52	3.89	2.9	9.40	30.00
5775MHz	Pass	4.00	20.05	19.95	20.66	20.02	26.20	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.87	12.06	12.71	12.62	12.22	18.43	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.61	12.36	13.56	13.3	12.49	18.98	23.98
5570MHz	Pass	3.59	17.68	17.49	17.43	16.91	23.41	23.98

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

802.11ax HEW20_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

24/08/2022

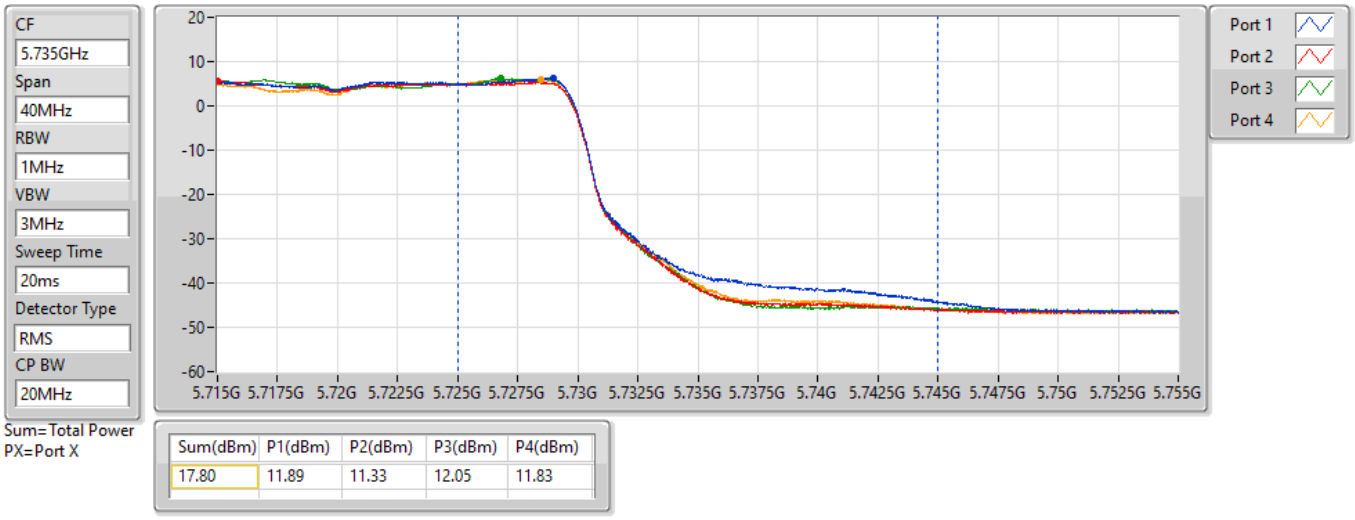


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.39	16.56	16.49	16.48	15.90

802.11ax HEW20_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

24/08/2022

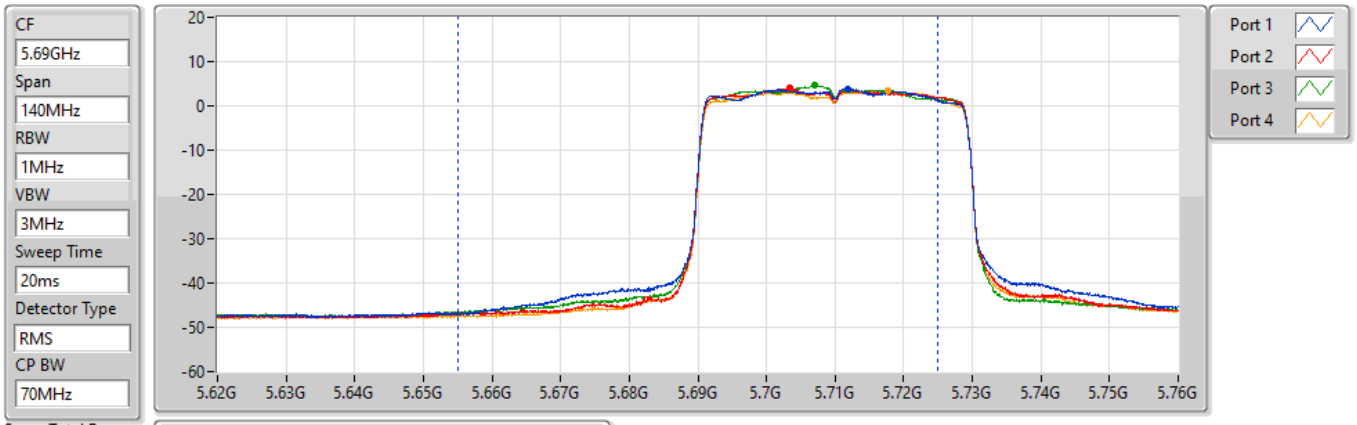


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.80	11.89	11.33	12.05	11.83

802.11ax HEW40_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

24/08/2022

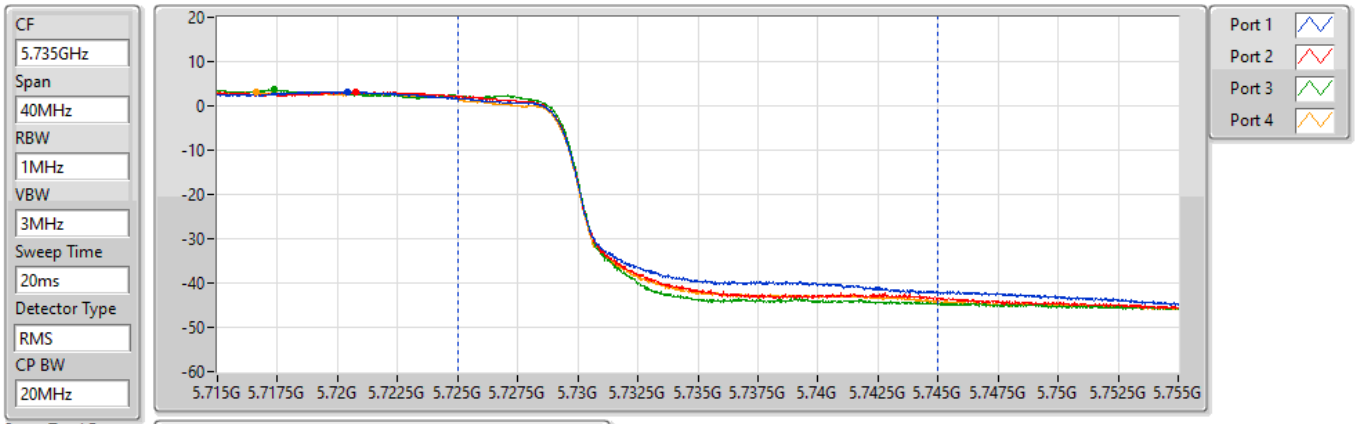


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.77	17.76	17.75	18.04	17.43

802.11ax HEW40_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

24/08/2022

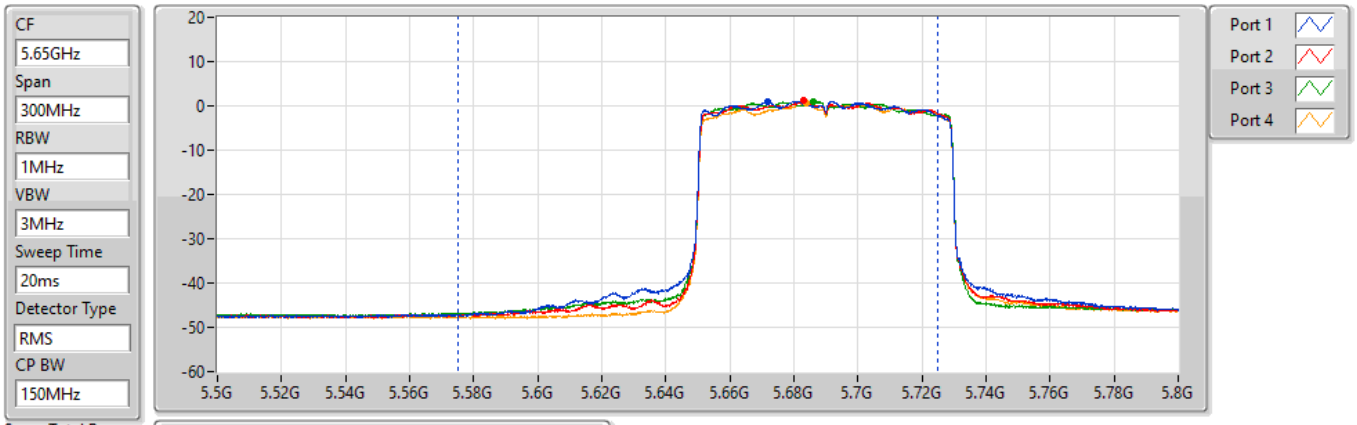


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.97	6.71	7.11	7.62	6.25

802.11ax HEW80_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

24/08/2022



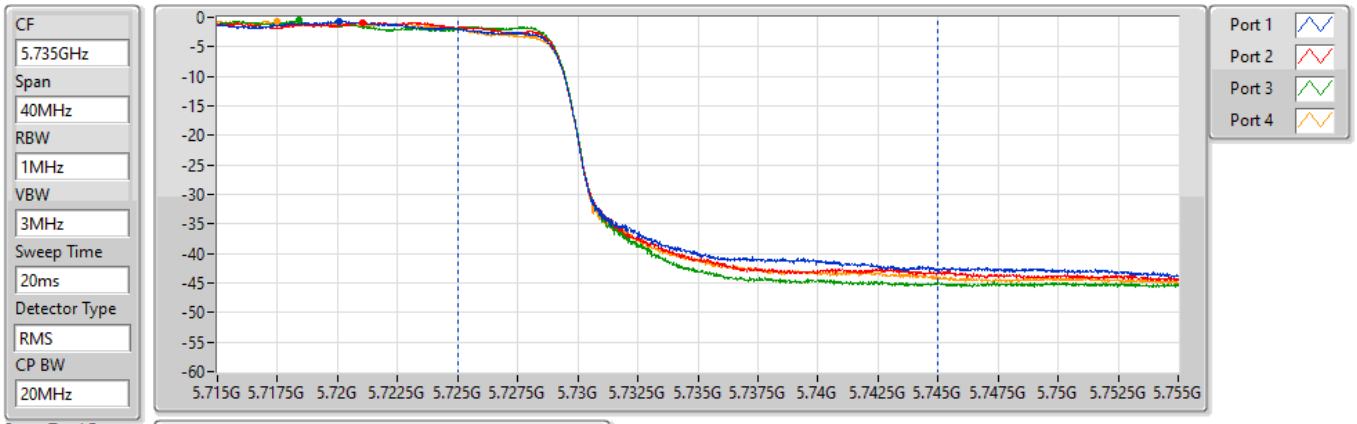
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.95	18.10	17.99	18.10	17.51

802.11ax HEW80_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

24/08/2022



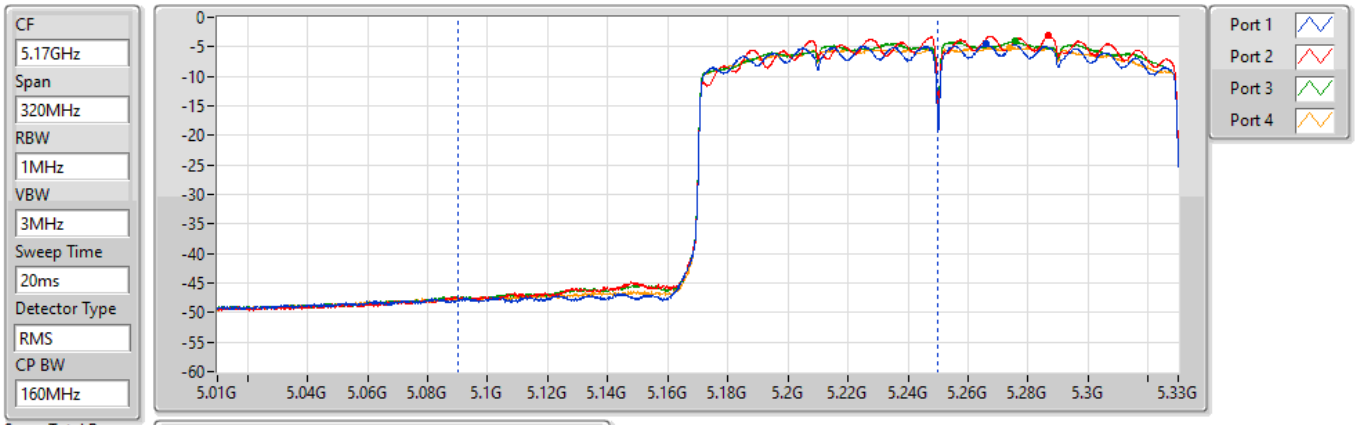
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.40	3.16	3.52	3.89	2.90

802.11ax HEW160_Nss1,(MCS0)_4TX AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

24/08/2022

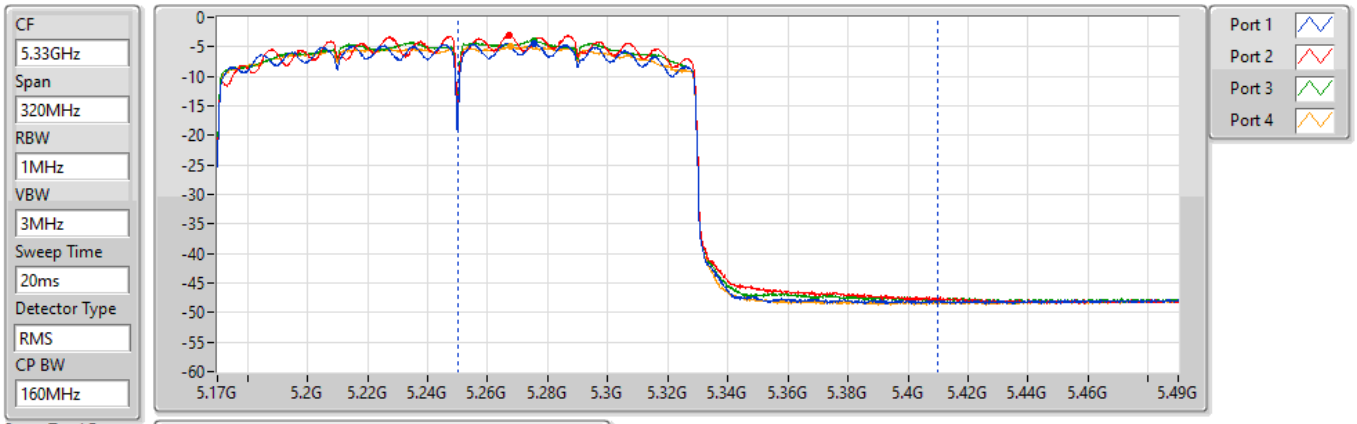


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.43	12.06	12.71	12.62	12.22

802.11ax HEW160_Nss1,(MCS0)_4TX AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

24/08/2022



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.98	12.36	13.56	13.30	12.49

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	12.55
802.11ax HEW20_Nss1,(MCS0)_4TX	11.54
802.11ax HEW40_Nss1,(MCS0)_4TX	9.13
802.11ax HEW80_Nss1,(MCS0)_4TX	3.39
802.11ax HEW160_Nss1,(MCS0)_4TX	-0.21
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.98
802.11ax HEW20_Nss1,(MCS0)_4TX	10.84
802.11ax HEW40_Nss1,(MCS0)_4TX	7.89
802.11ax HEW80_Nss1,(MCS0)_4TX	4.32
802.11ax HEW160_Nss1,(MCS0)_4TX	0.26
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.95
802.11ax HEW20_Nss1,(MCS0)_4TX	10.89
802.11ax HEW40_Nss1,(MCS0)_4TX	7.97
802.11ax HEW80_Nss1,(MCS0)_4TX	5.07
802.11ax HEW160_Nss1,(MCS0)_4TX	1.59
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	13.56
802.11ax HEW20_Nss1,(MCS0)_4TX	13.00
802.11ax HEW40_Nss1,(MCS0)_4TX	11.04
802.11ax HEW80_Nss1,(MCS0)_4TX	5.33

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

Result

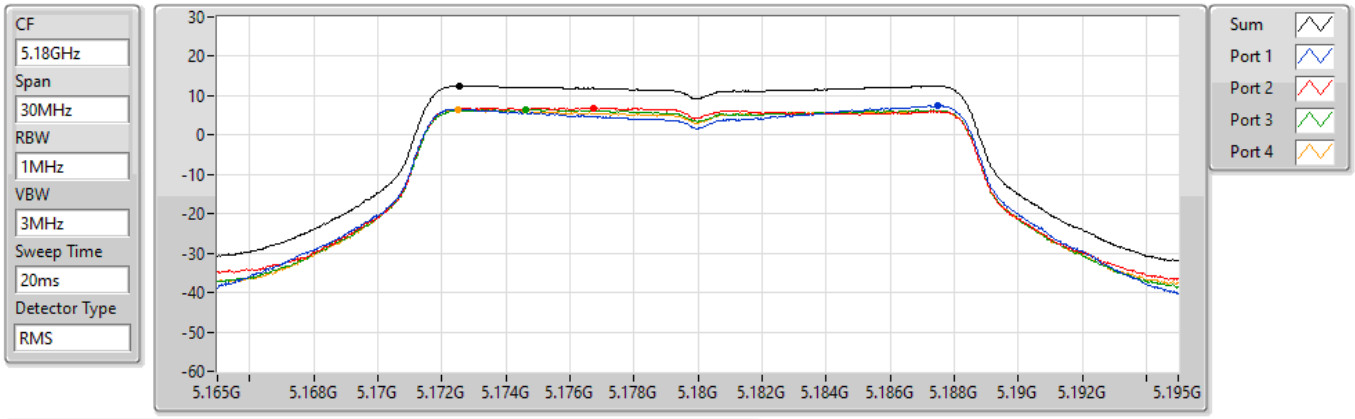
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.87	7.41	6.96	6.49	6.56	12.52	17.00
5200MHz	Pass	4.87	6.86	6.75	6.30	6.39	12.40	17.00
5240MHz	Pass	4.87	6.74	7.06	6.56	6.27	12.55	17.00
5260MHz	Pass	4.61	4.69	5.48	4.65	4.22	10.73	11.00
5300MHz	Pass	4.61	5.04	5.57	5.13	4.54	10.98	11.00
5320MHz	Pass	4.61	5.01	5.69	4.86	4.30	10.95	11.00
5500MHz	Pass	3.59	4.89	5.63	5.30	4.36	10.95	11.00
5580MHz	Pass	3.59	4.39	5.12	5.43	5.05	10.86	11.00
5700MHz	Pass	3.59	4.43	5.02	5.00	4.79	10.58	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.59	4.75	4.66	5.34	5.21	10.86	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.00	3.52	4.00	3.13	3.99	9.59	30.00
5745MHz	Pass	4.00	7.06	7.33	7.55	7.32	13.07	30.00
5785MHz	Pass	4.00	7.11	7.50	7.17	7.23	13.09	30.00
5825MHz	Pass	4.00	7.39	7.83	7.67	7.71	13.56	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.87	5.88	6.89	5.65	5.29	11.54	17.00
5200MHz	Pass	4.87	4.79	5.83	4.89	4.66	10.66	17.00
5240MHz	Pass	4.87	4.59	5.95	5.18	4.63	10.92	17.00
5260MHz	Pass	4.61	4.41	5.61	4.83	4.31	10.56	11.00
5300MHz	Pass	4.61	4.52	5.58	5.07	4.32	10.78	11.00
5320MHz	Pass	4.61	4.74	5.62	5.29	4.41	10.84	11.00
5500MHz	Pass	3.59	5.86	5.63	5.06	4.22	10.76	11.00
5580MHz	Pass	3.59	6.22	5.01	4.69	4.11	10.89	11.00
5700MHz	Pass	3.59	5.25	5.26	4.69	4.36	10.83	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.59	5.21	5.16	4.52	4.44	10.79	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.00	3.50	2.45	3.16	2.92	8.98	30.00
5745MHz	Pass	4.00	7.27	7.10	7.02	6.81	12.96	30.00
5785MHz	Pass	4.00	7.03	7.09	7.41	6.78	13.00	30.00
5825MHz	Pass	4.00	5.50	4.71	5.33	5.24	11.10	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.87	3.01	4.61	3.36	2.51	8.98	17.00
5230MHz	Pass	4.87	3.21	4.56	3.34	2.64	9.13	17.00
5270MHz	Pass	4.61	1.78	3.01	2.35	1.58	7.89	11.00
5310MHz	Pass	4.61	1.46	2.54	2.27	1.53	7.75	11.00
5510MHz	Pass	3.59	2.79	2.52	2.19	1.76	7.65	11.00
5550MHz	Pass	3.59	3.11	2.45	2.17	1.60	7.78	11.00
5670MHz	Pass	3.59	2.35	2.25	2.12	1.25	7.52	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.59	2.34	2.48	2.67	1.77	7.97	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.00	-1.27	-0.93	-0.79	-1.46	4.87	30.00
5755MHz	Pass	4.00	4.13	4.34	4.82	3.96	10.03	30.00
5795MHz	Pass	4.00	4.92	5.34	5.26	4.93	11.04	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.87	-2.45	-1.12	-2.24	-3.04	3.39	17.00
5290MHz	Pass	4.61	-1.78	-0.65	-1.35	-2.10	4.32	11.00
5530MHz	Pass	3.59	-0.45	-0.92	-1.04	-1.89	4.43	11.00
5610MHz	Pass	3.59	-0.08	-0.91	-0.76	-1.27	4.74	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.59	-0.53	-0.40	-0.49	-1.00	5.07	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.00	-5.00	-4.59	-4.68	-4.86	1.16	30.00
5775MHz	Pass	4.00	-0.62	-0.40	-0.01	-0.83	5.33	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.87	-6.41	-4.86	-6.05	-6.77	-0.21	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.61	-5.90	-4.43	-5.43	-6.36	0.26	11.00
5570MHz	Pass	3.59	-2.71	-4.16	-4.43	-4.69	1.59	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;

802.11a_Nss1,(6Mbps)_4TX PSD

5180MHz

24/08/2022

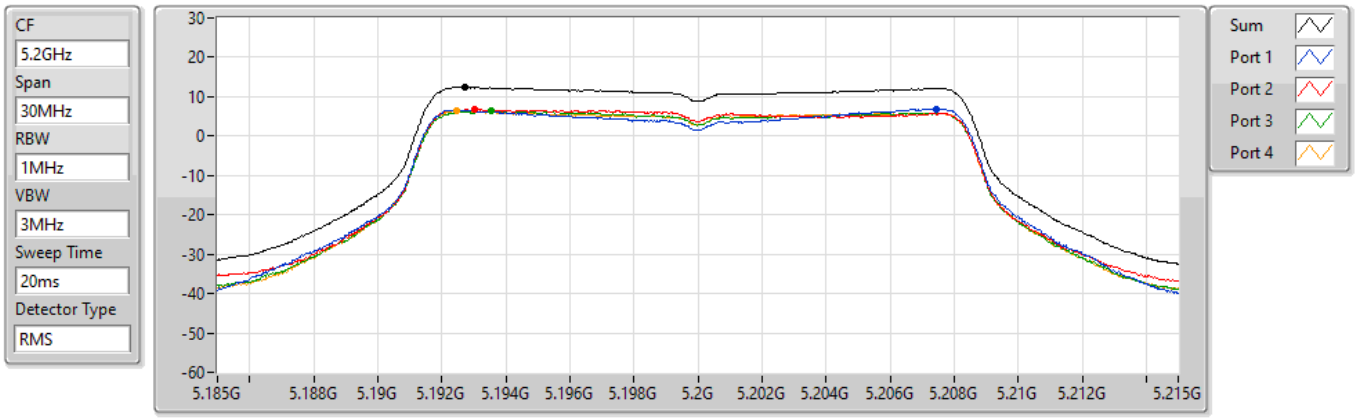


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.52	12.52	7.41	6.96	6.49	6.56

802.11a_Nss1,(6Mbps)_4TX PSD

5200MHz

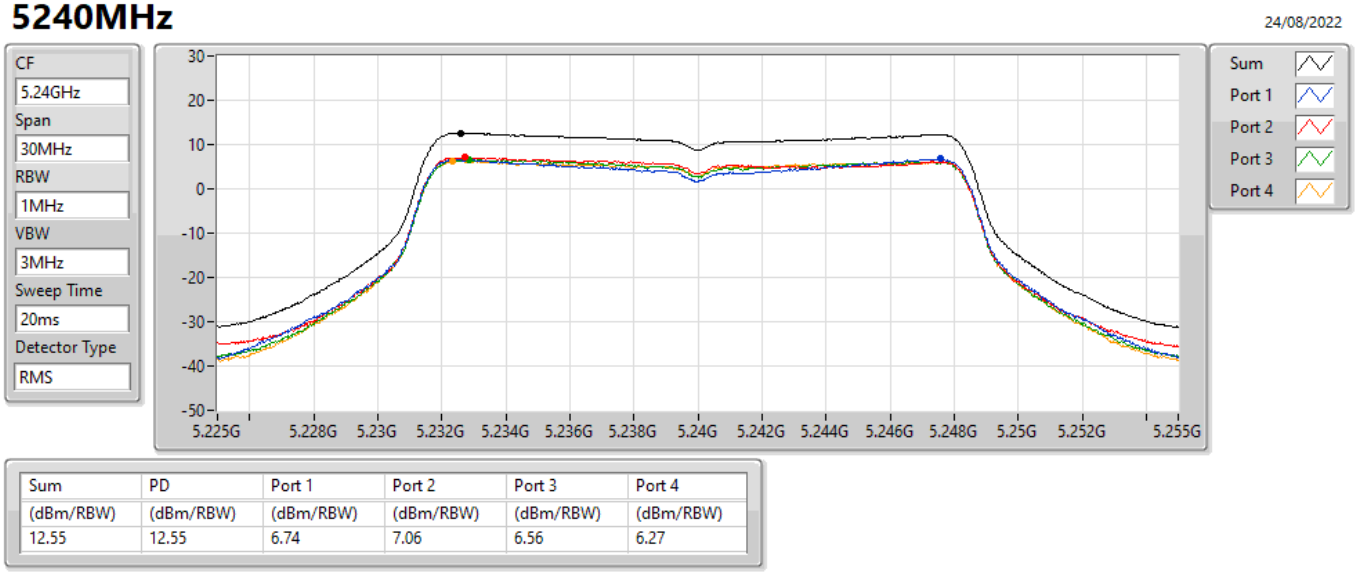
24/08/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.40	12.40	6.86	6.75	6.30	6.39

802.11a_Nss1,(6Mbps)_4TX PSD

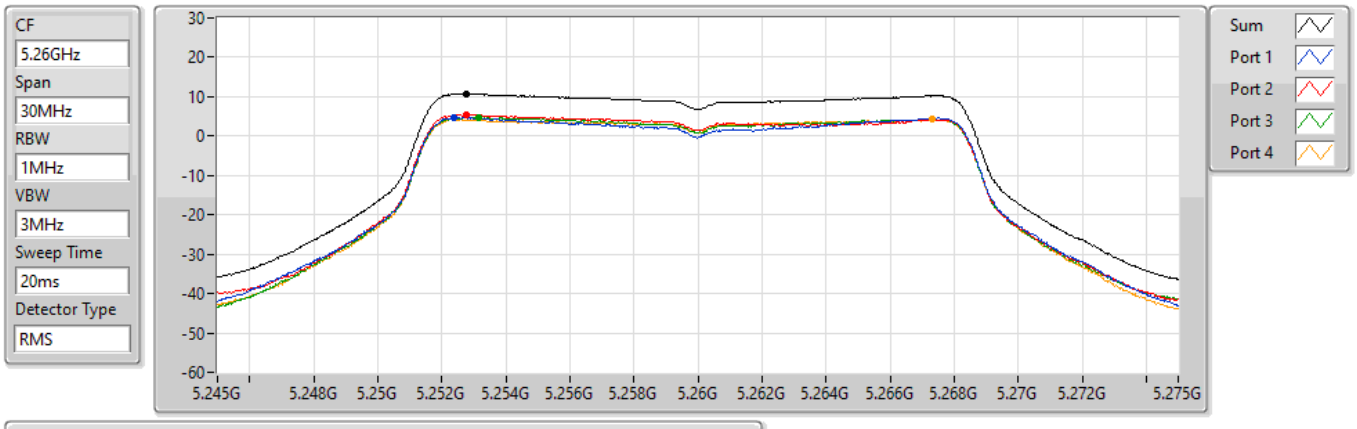
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.55	12.55	6.74	7.06	6.56	6.27

802.11a_Nss1,(6Mbps)_4TX PSD

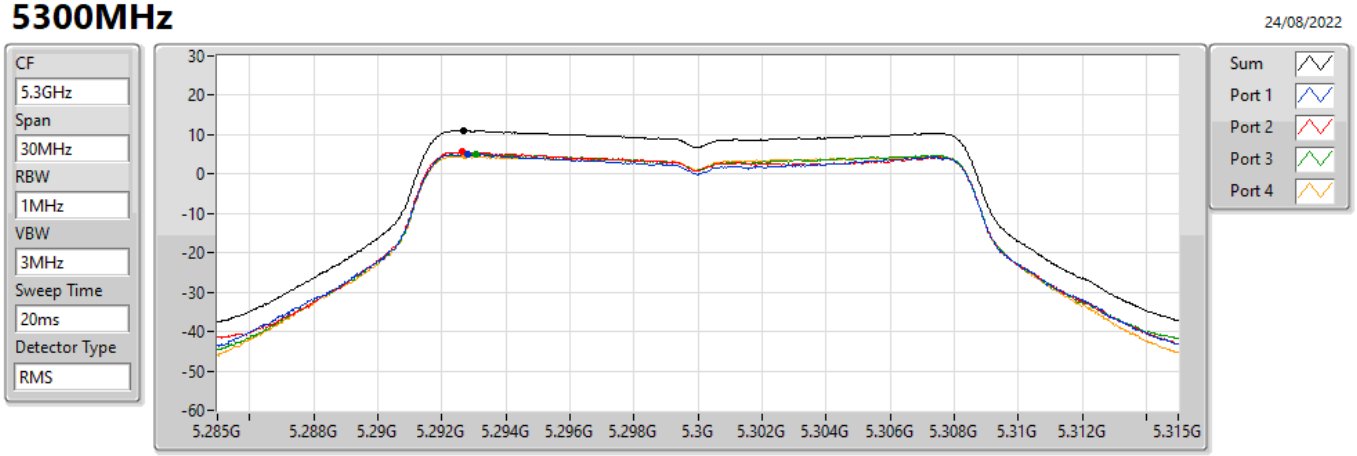
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.73	10.73	4.69	5.48	4.65	4.22

802.11a_Nss1,(6Mbps)_4TX PSD

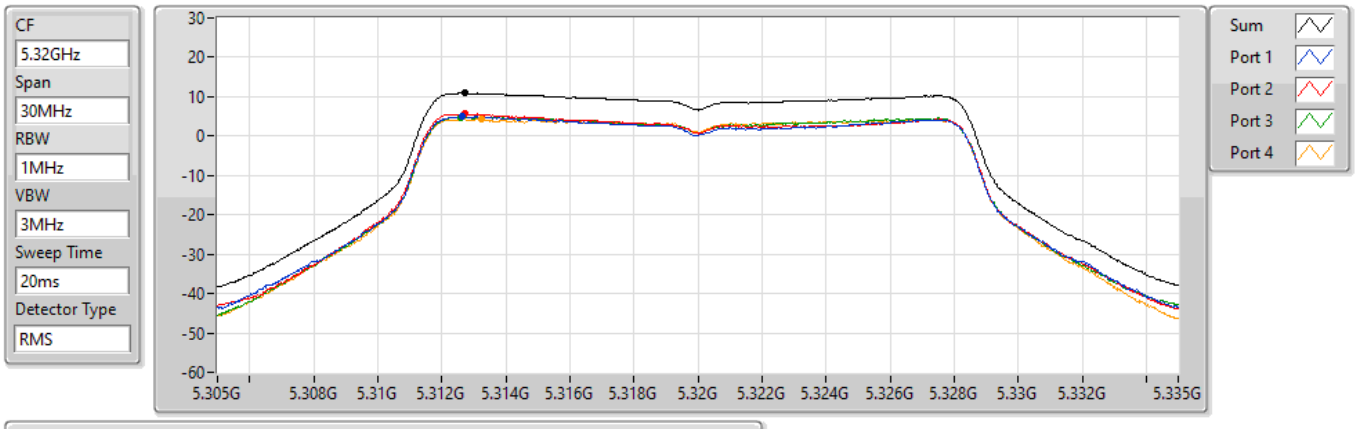
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.98	10.98	5.04	5.57	5.13	4.54

802.11a_Nss1,(6Mbps)_4TX PSD

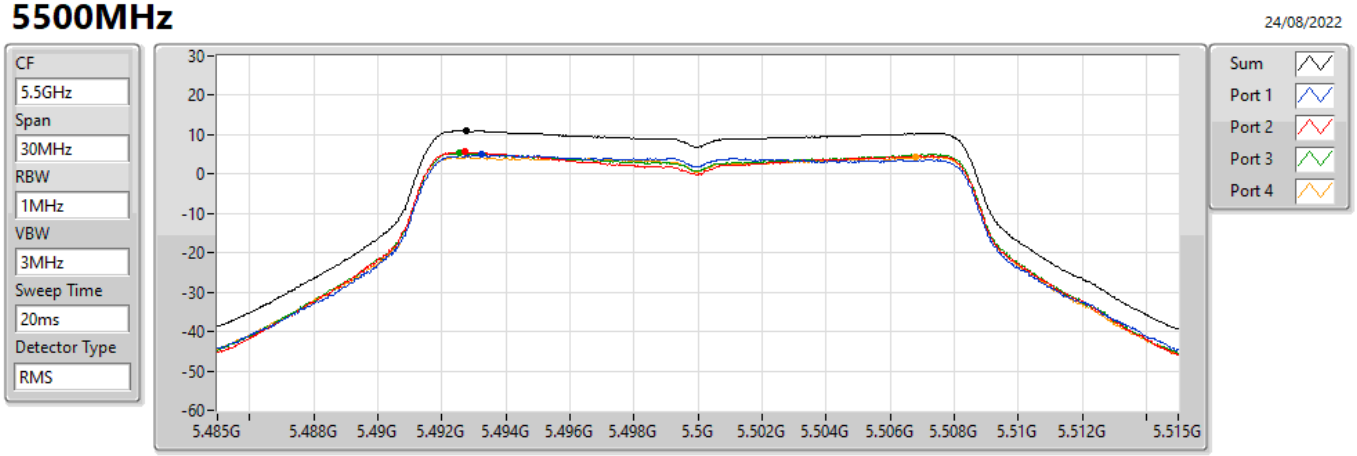
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.95	10.95	5.01	5.69	4.86	4.30

802.11a_Nss1,(6Mbps)_4TX PSD

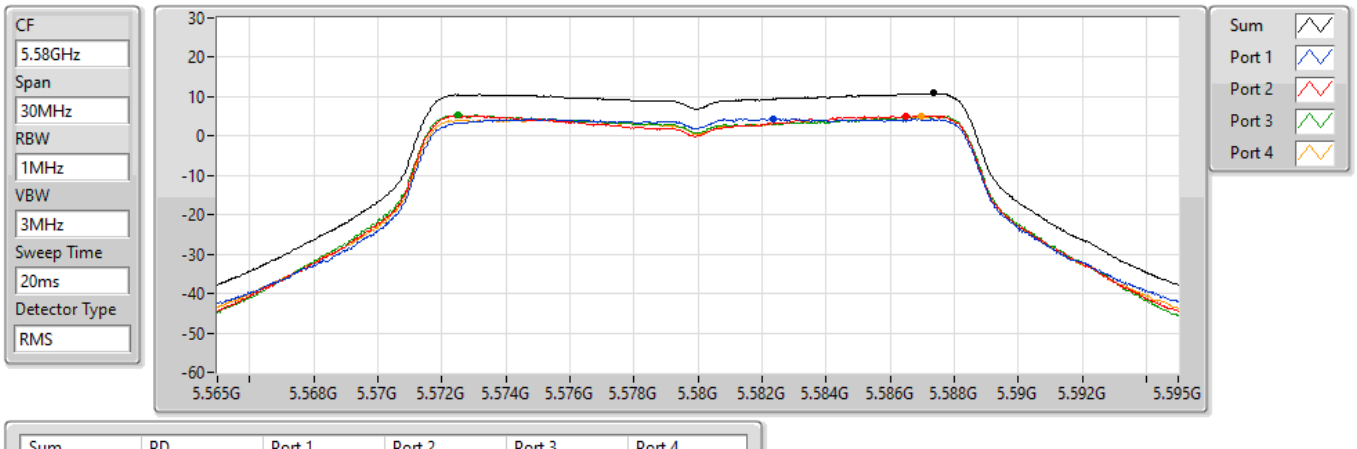
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.95	10.95	4.89	5.63	5.30	4.36

802.11a_Nss1,(6Mbps)_4TX PSD

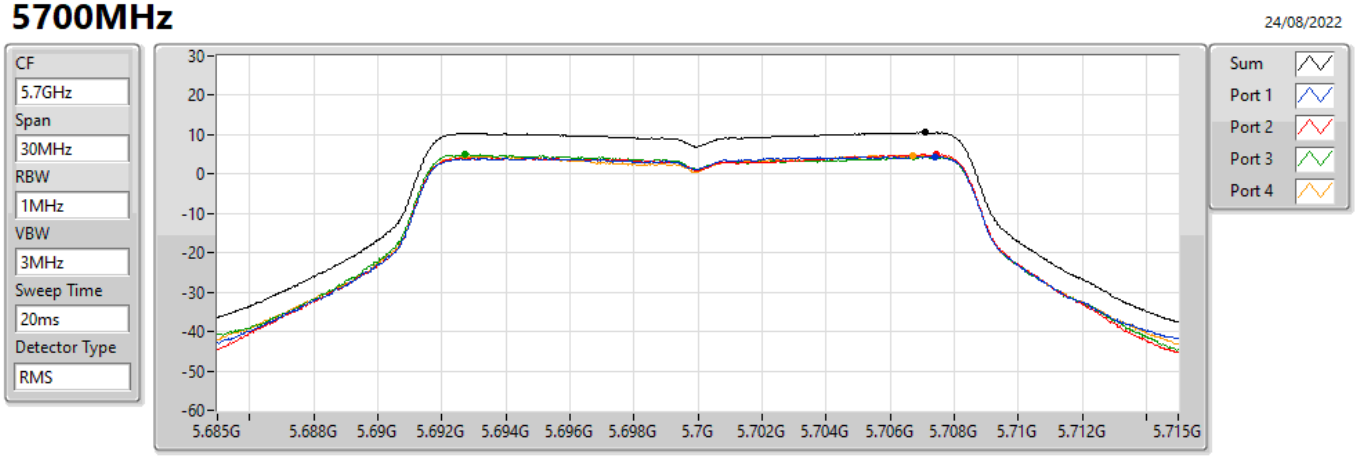
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.86	10.86	4.39	5.12	5.43	5.05

802.11a_Nss1,(6Mbps)_4TX PSD

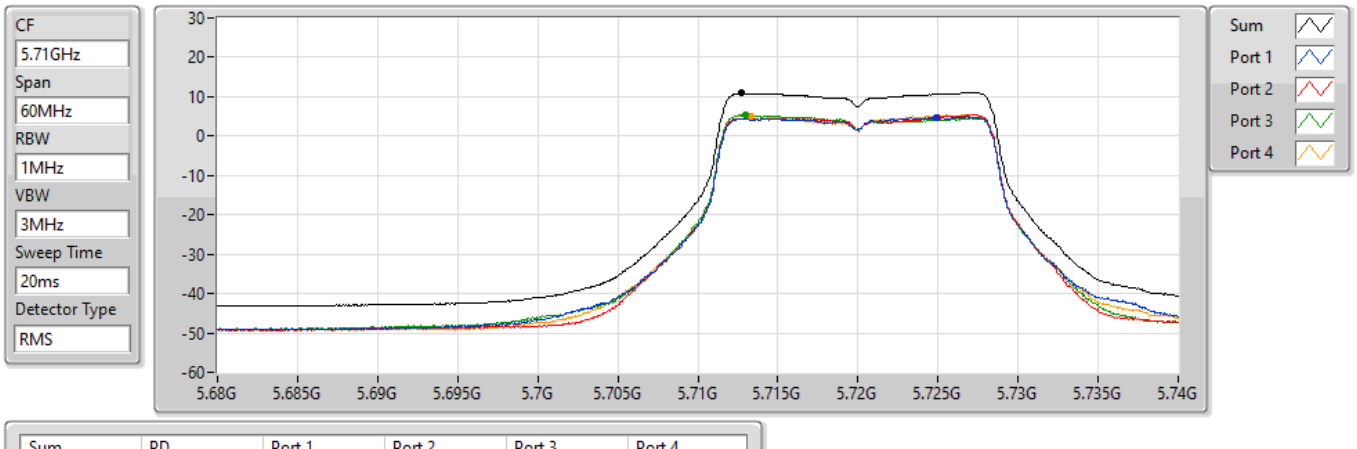
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.58	10.58	4.43	5.02	5.00	4.79

802.11a_Nss1,(6Mbps)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

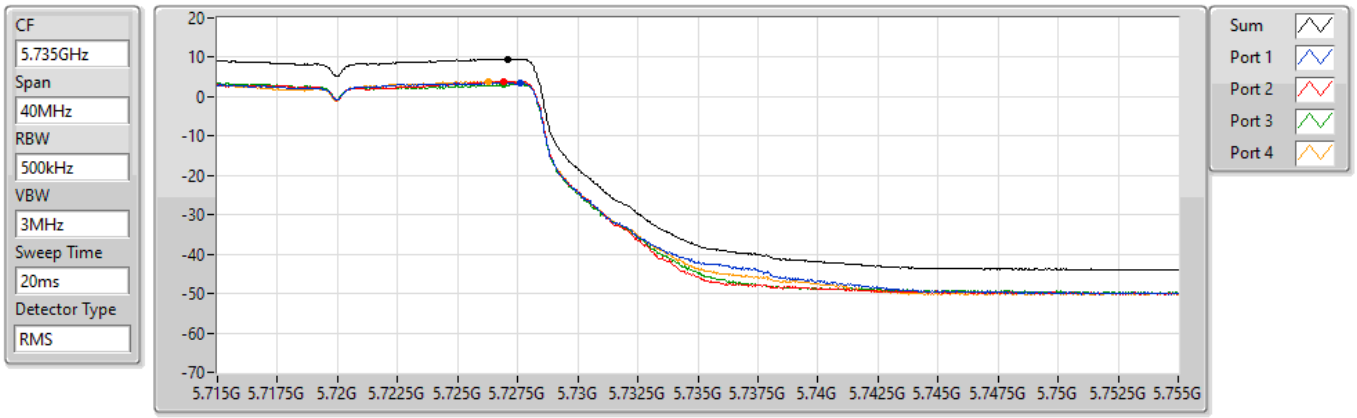


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.86	10.86	4.75	4.66	5.34	5.21

802.11a_Nss1,(6Mbps)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

24/08/2022

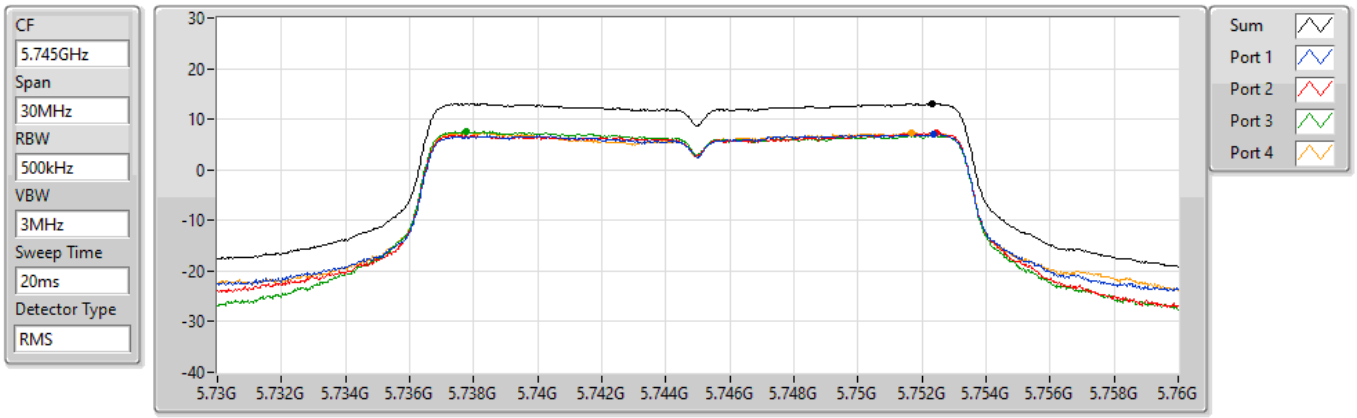


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.59	9.59	3.52	4.00	3.13	3.99

802.11a_Nss1,(6Mbps)_4TX PSD

5745MHz

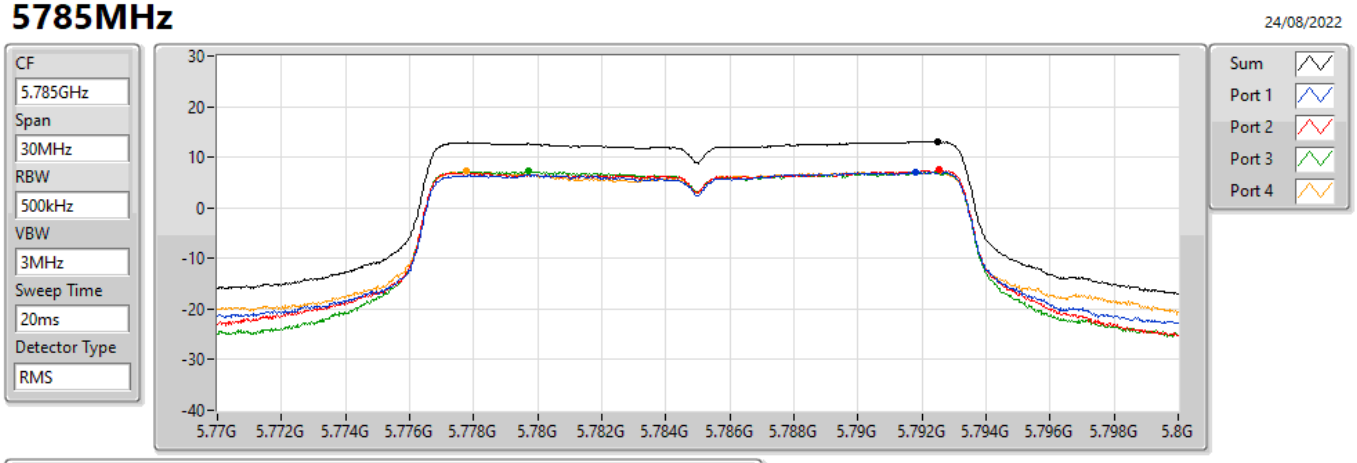
24/08/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.07	13.07	7.06	7.33	7.55	7.32

802.11a_Nss1,(6Mbps)_4TX PSD

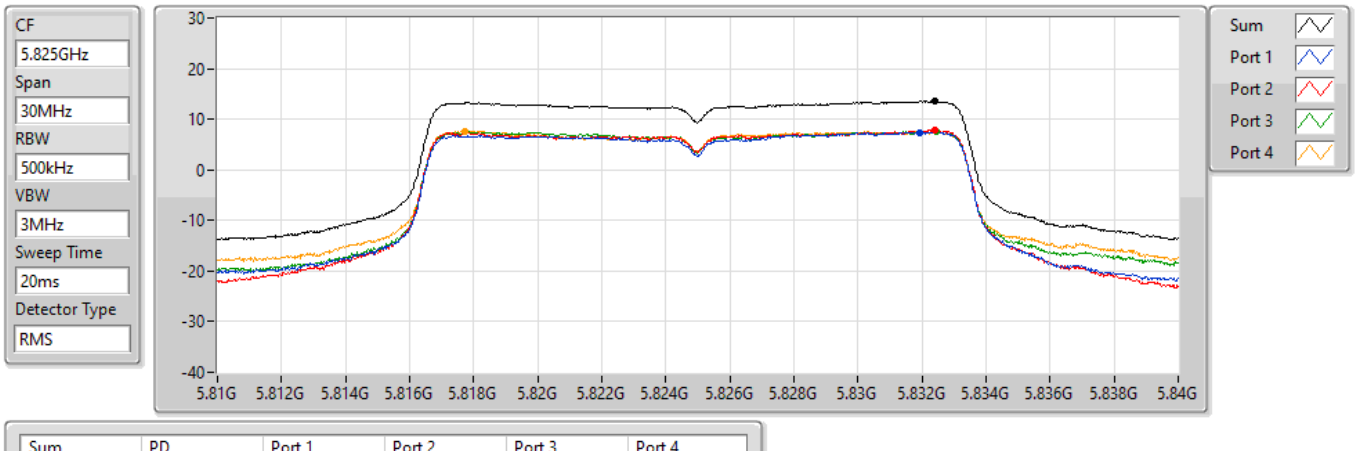
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.09	13.09	7.11	7.50	7.17	7.23

802.11a_Nss1,(6Mbps)_4TX PSD

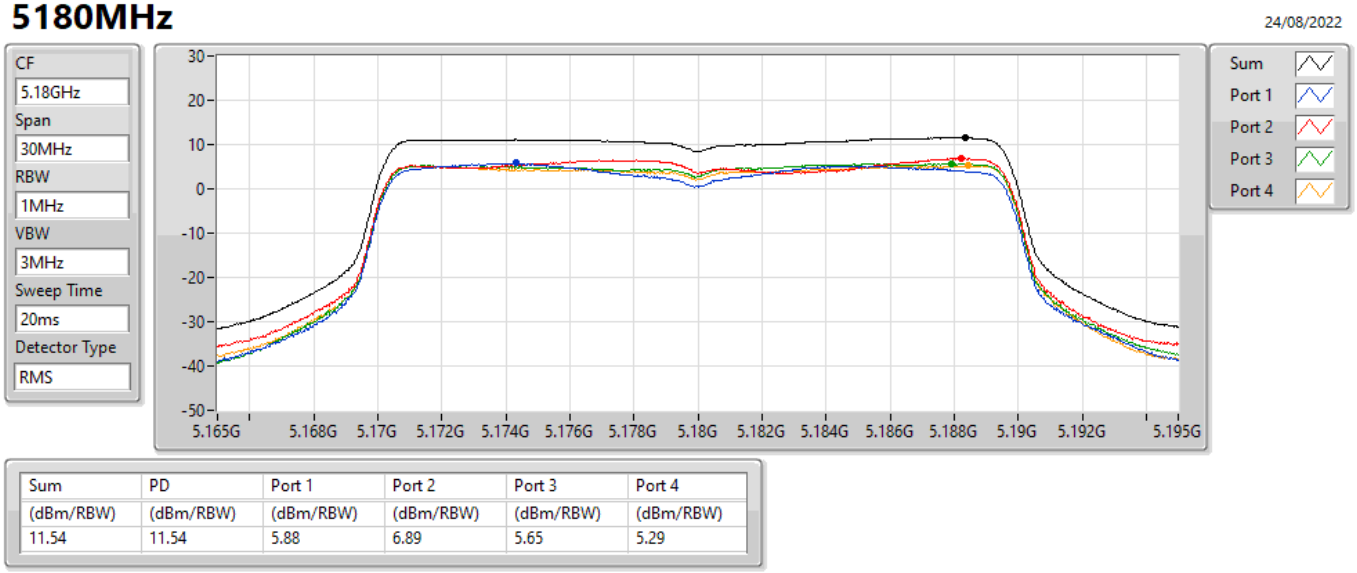
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.56	13.56	7.39	7.83	7.67	7.71

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

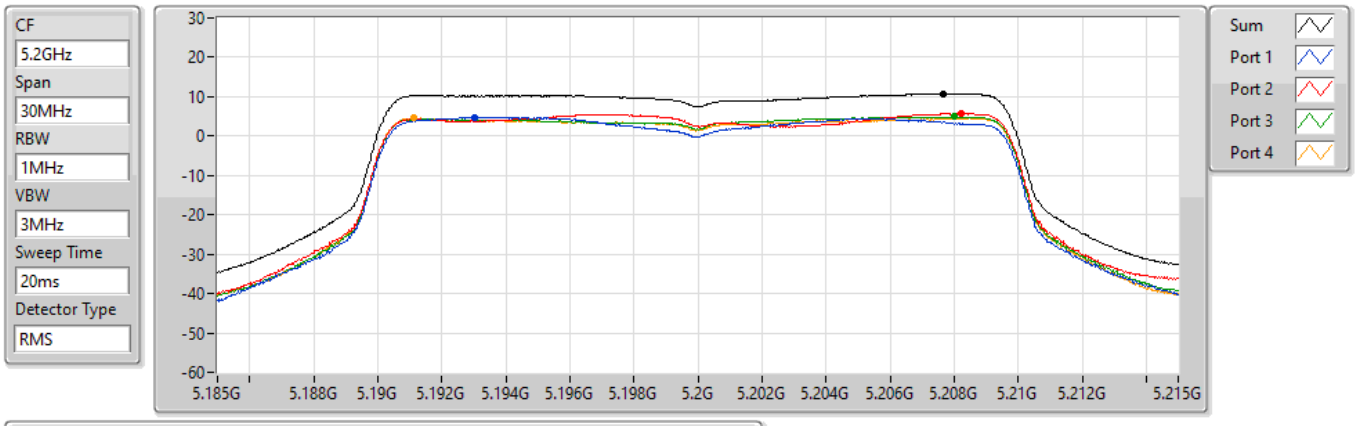
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.54	11.54	5.88	6.89	5.65	5.29

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

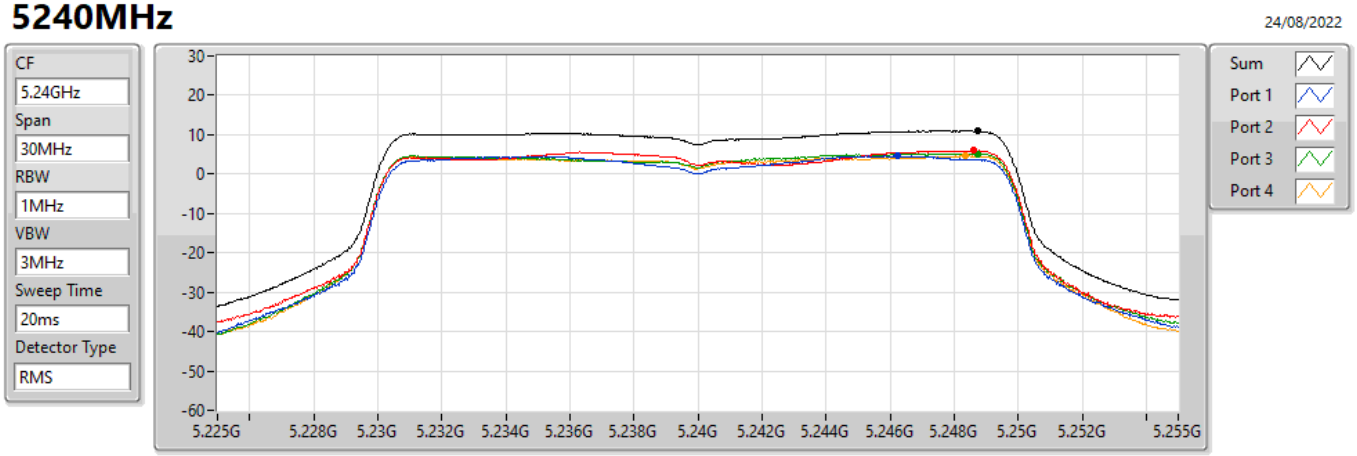
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.66	10.66	4.79	5.83	4.89	4.66

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

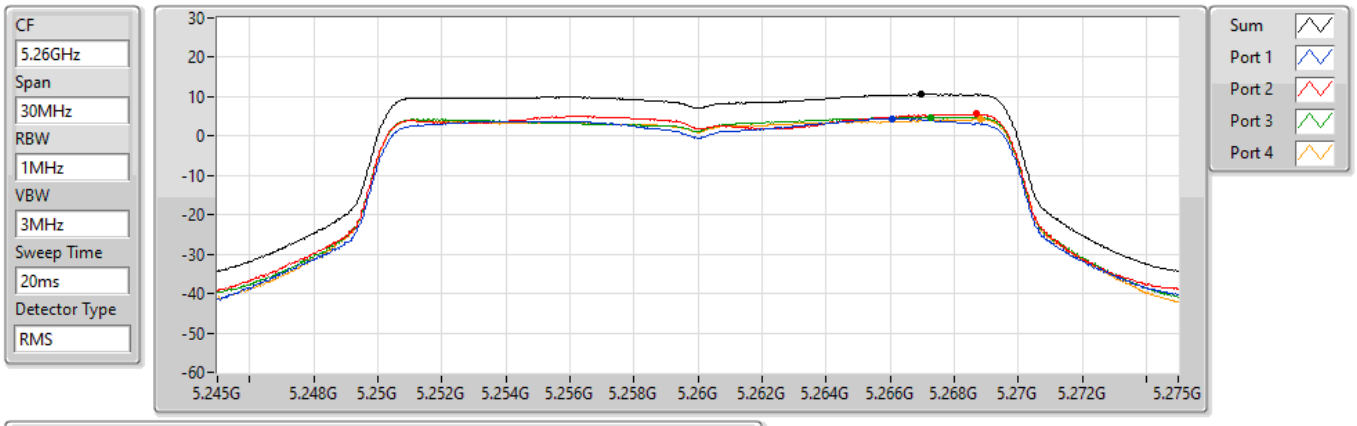
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.92	10.92	4.59	5.95	5.18	4.63

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

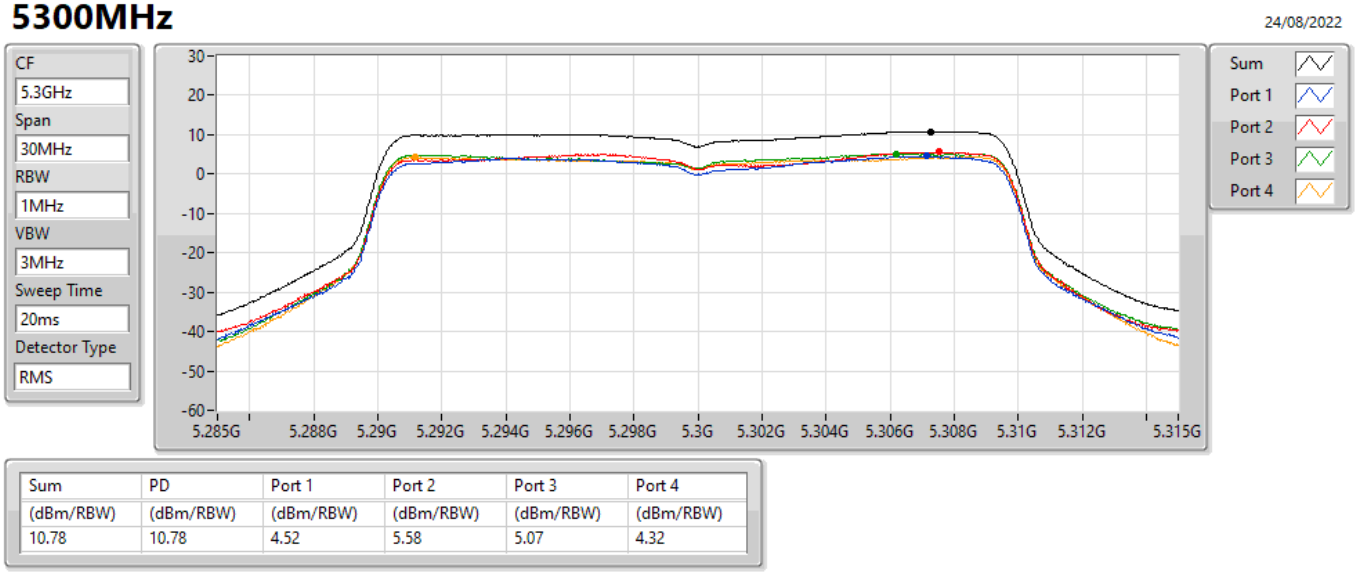
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.56	10.56	4.41	5.61	4.83	4.31

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

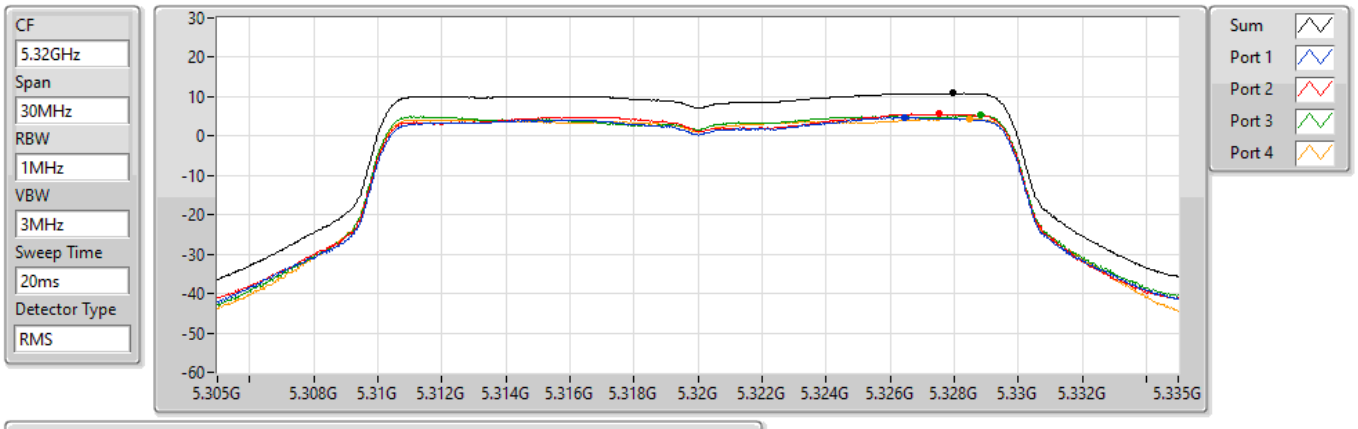
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.78	10.78	4.52	5.58	5.07	4.32

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5320MHz

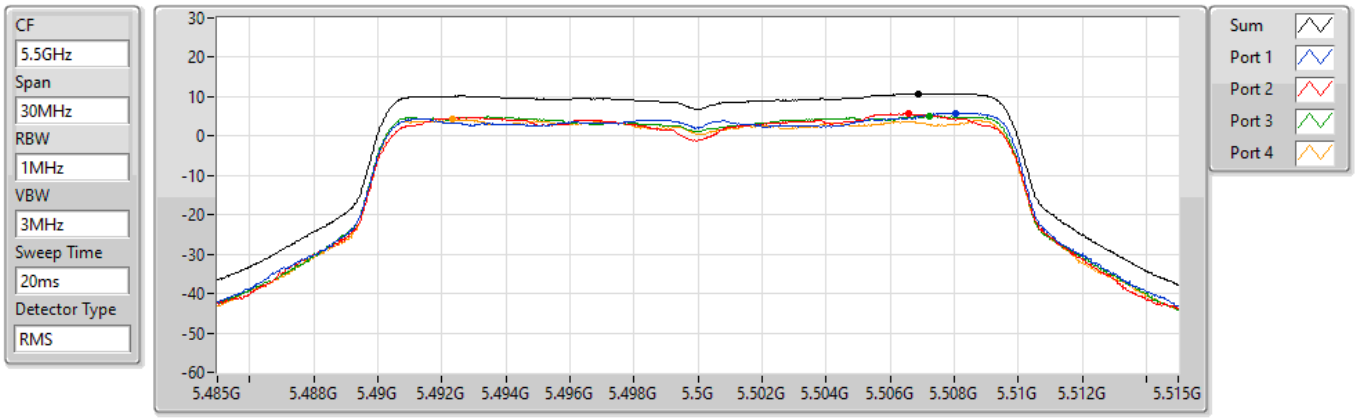


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.84	10.84	4.74	5.62	5.29	4.41

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5500MHz

24/08/2022

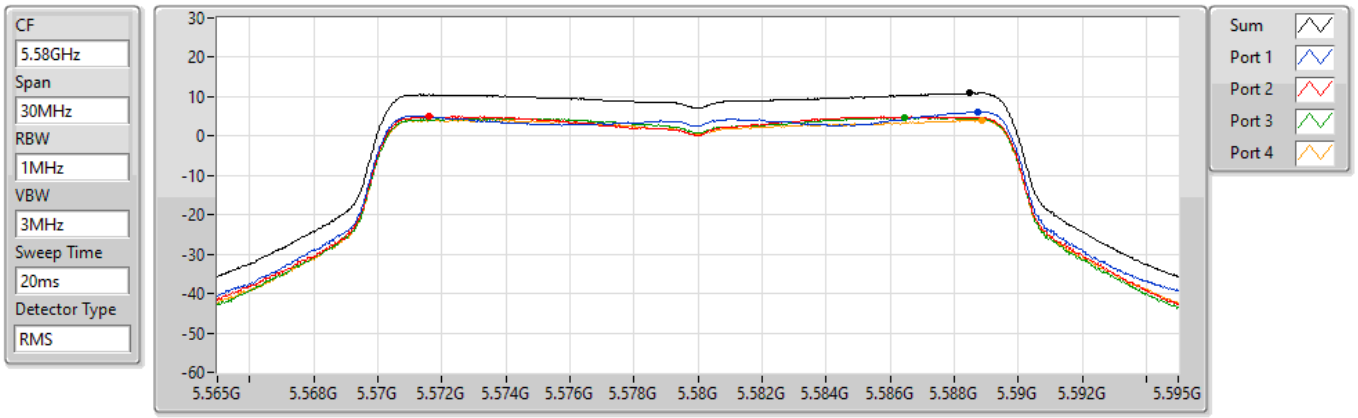


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.76	10.76	5.86	5.63	5.06	4.22

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5580MHz

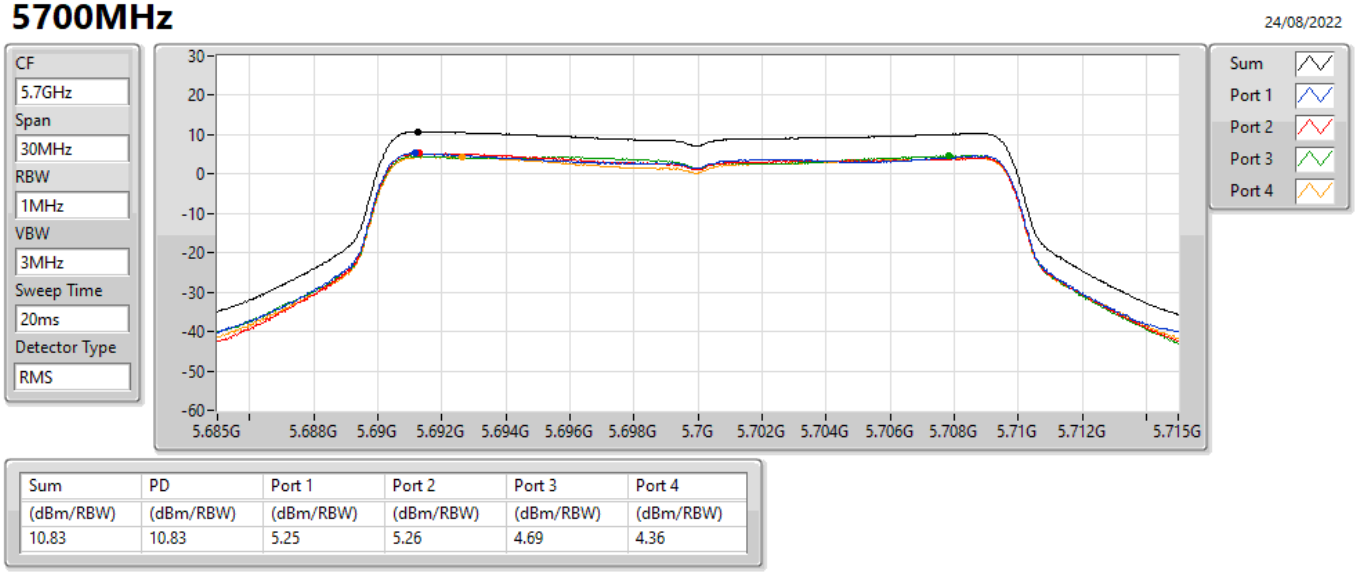
24/08/2022



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	6.22	5.01	4.69	4.11

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

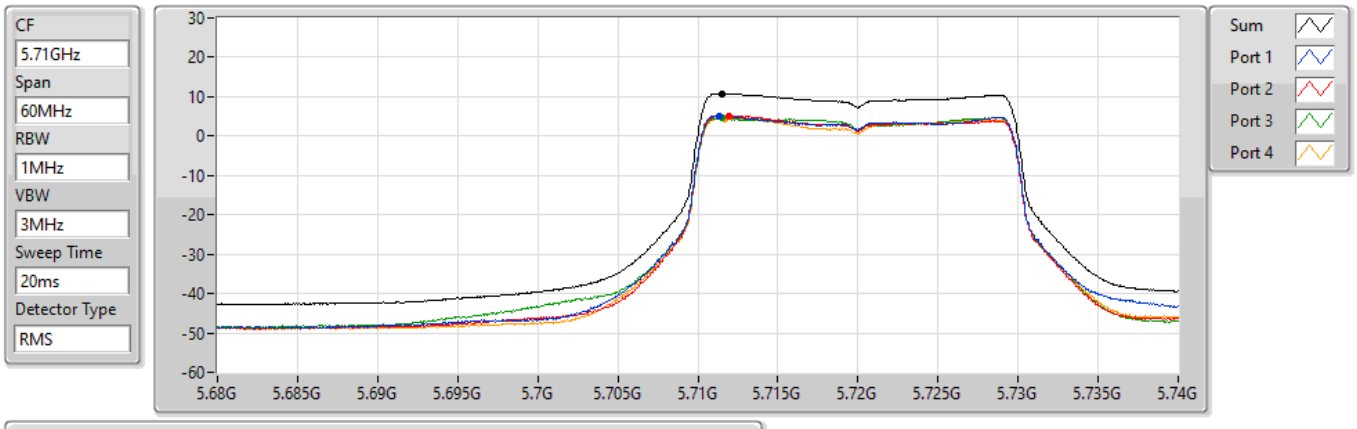
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.83	10.83	5.25	5.26	4.69	4.36

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

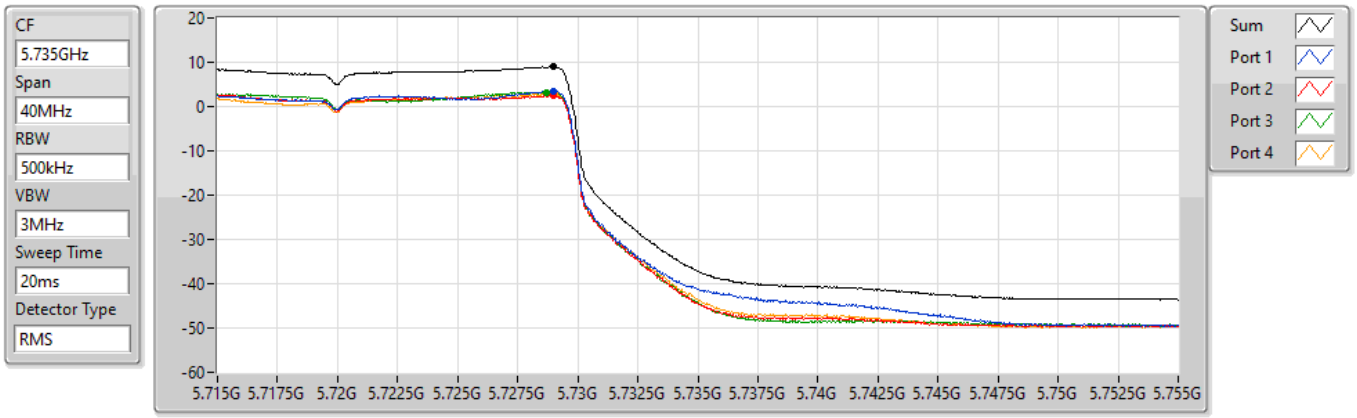


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.79	10.79	5.21	5.16	4.52	4.44

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

24/08/2022

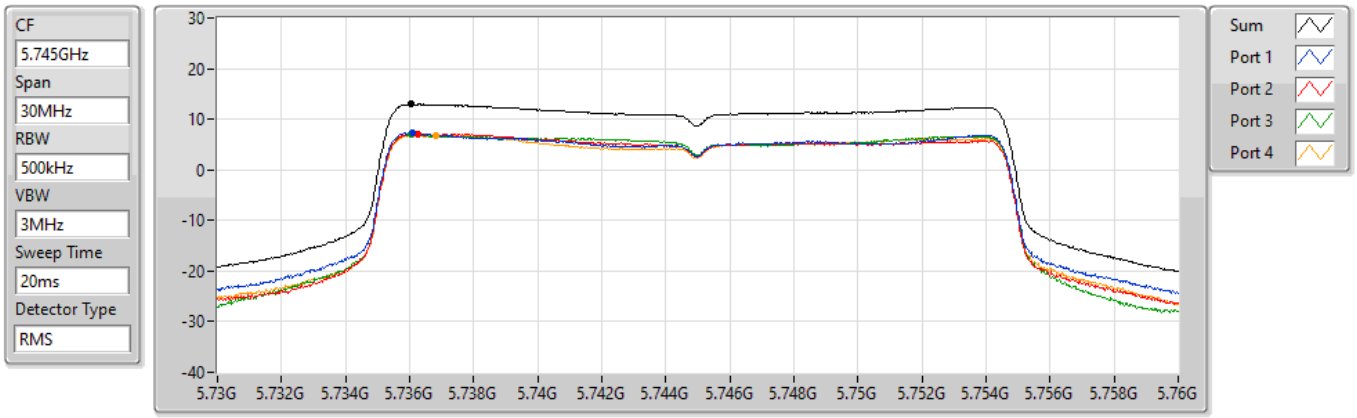


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.98	8.98	3.50	2.45	3.16	2.92

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5745MHz

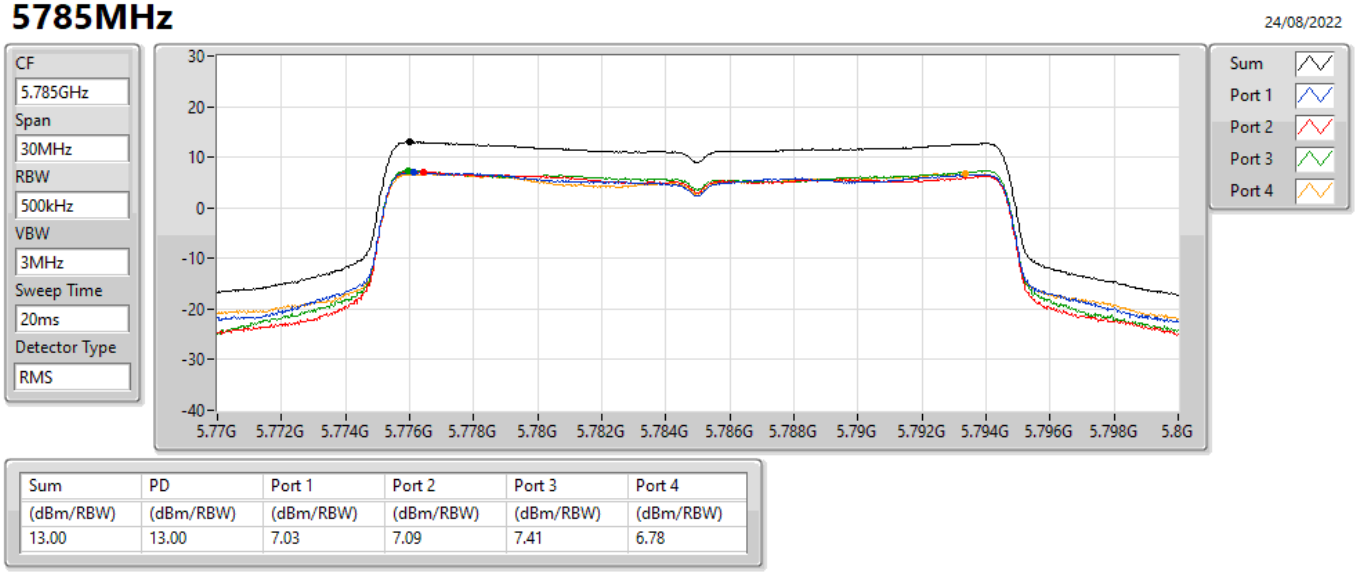
24/08/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.96	12.96	7.27	7.10	7.02	6.81

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

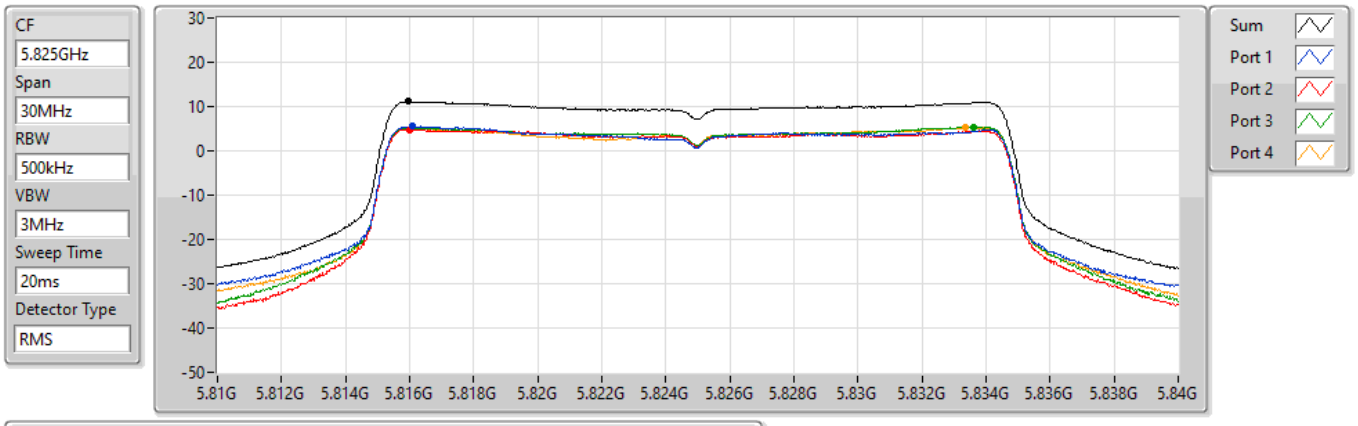
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.00	13.00	7.03	7.09	7.41	6.78

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5825MHz

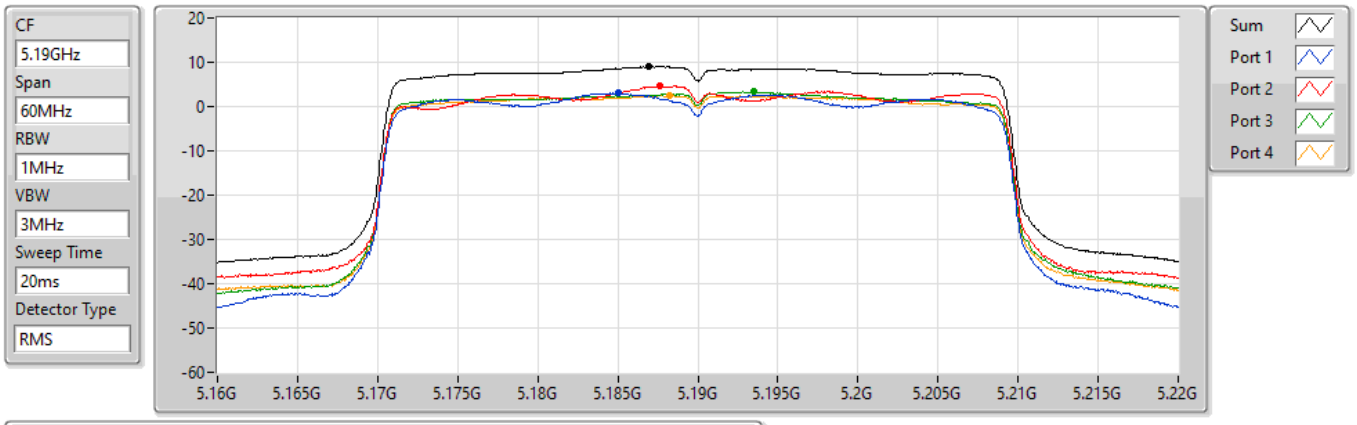


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.10	11.10	5.50	4.71	5.33	5.24

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5190MHz

24/08/2022

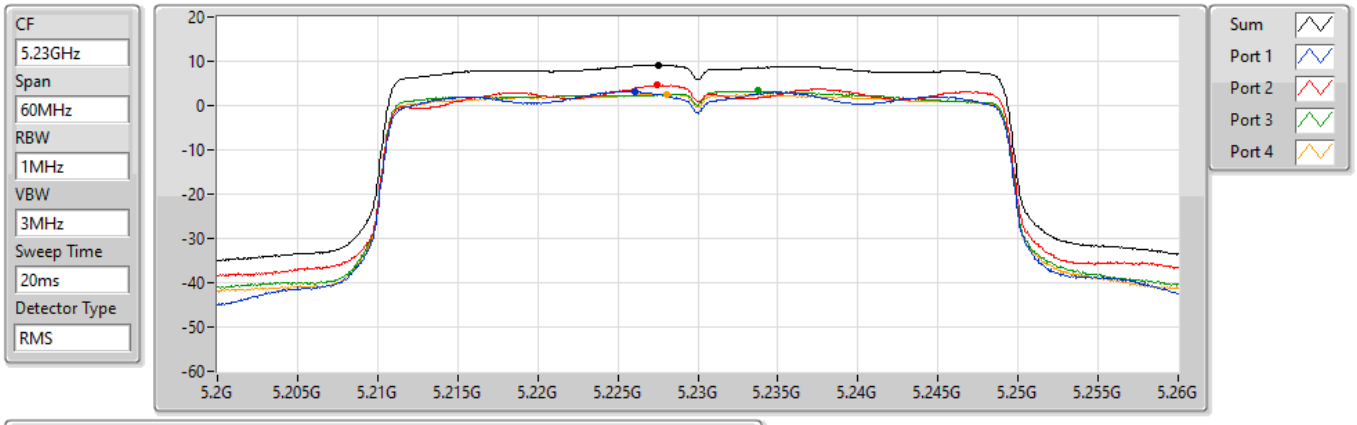


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.98	8.98	3.01	4.61	3.36	2.51

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5230MHz

24/08/2022

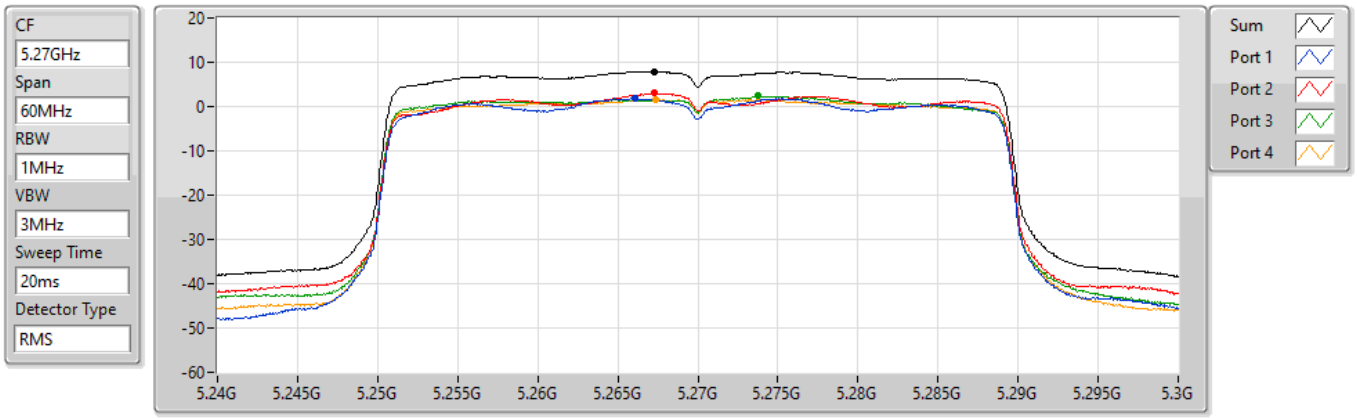


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.13	9.13	3.21	4.56	3.34	2.64

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5270MHz

24/08/2022

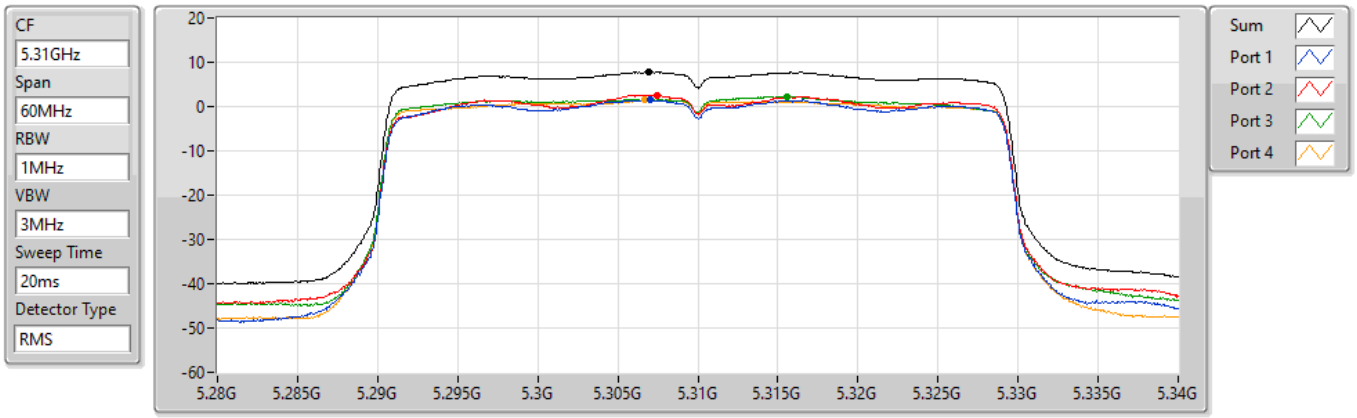


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.89	7.89	1.78	3.01	2.35	1.58

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5310MHz

24/08/2022

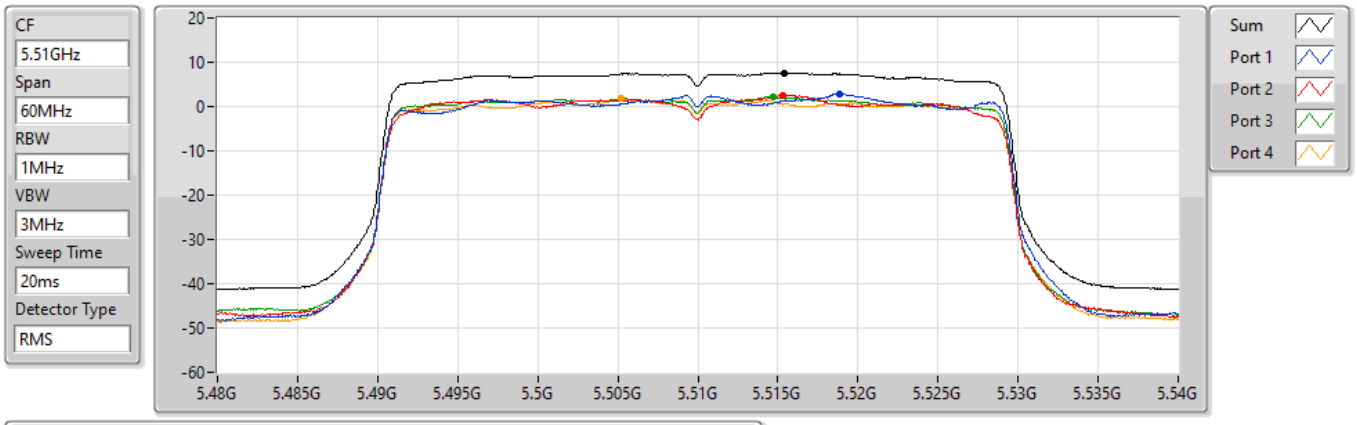


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.75	7.75	1.46	2.54	2.27	1.53

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5510MHz

24/08/2022

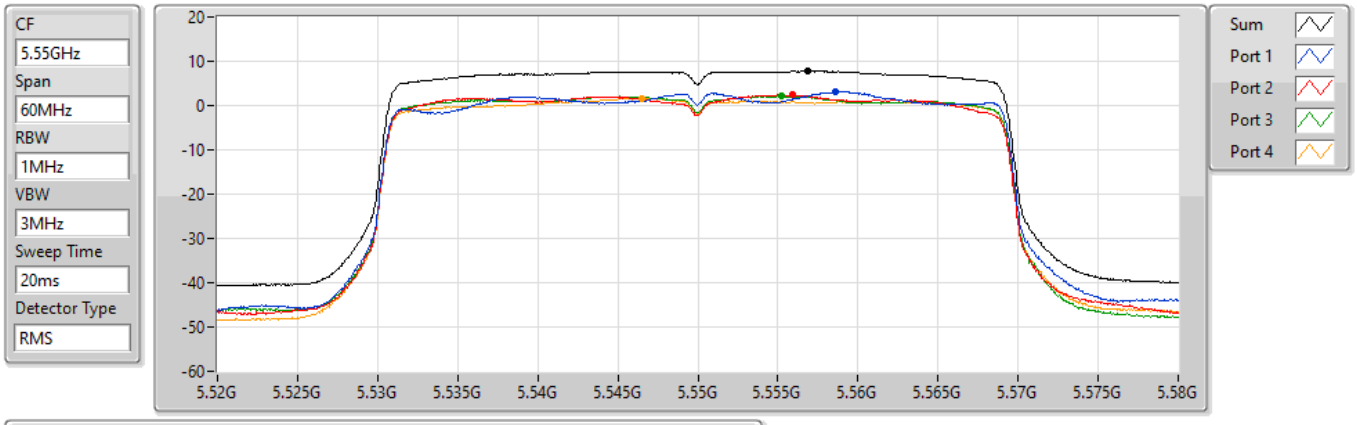


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.65	7.65	2.79	2.52	2.19	1.76

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5550MHz

24/08/2022

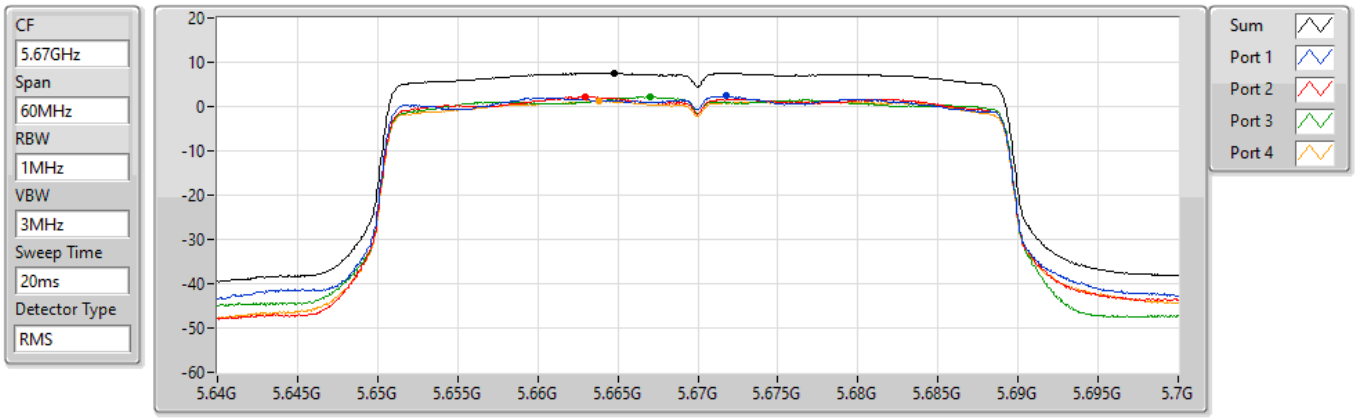


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.78	7.78	3.11	2.45	2.17	1.60

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5670MHz

24/08/2022

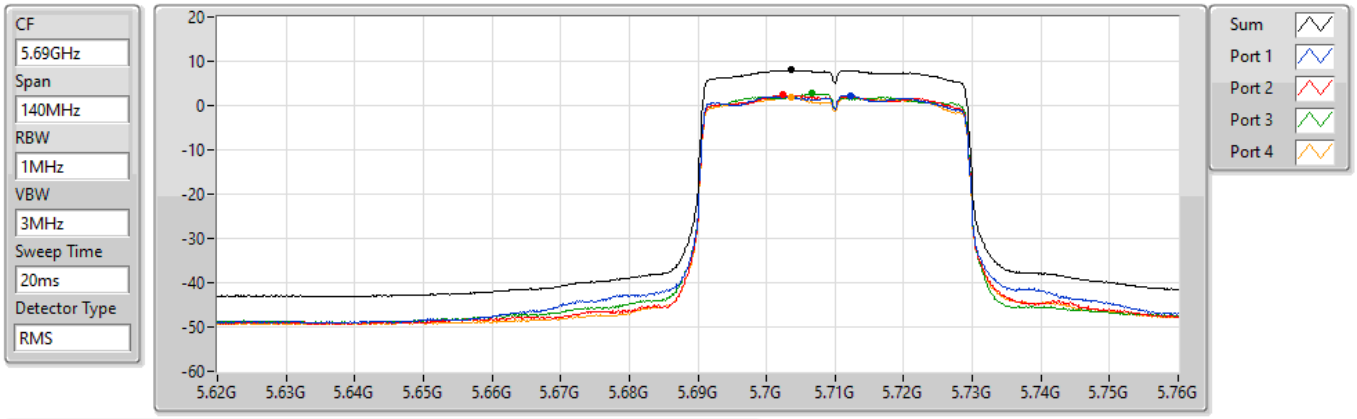


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.52	7.52	2.35	2.25	2.12	1.25

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.47-5.725GHz

24/08/2022

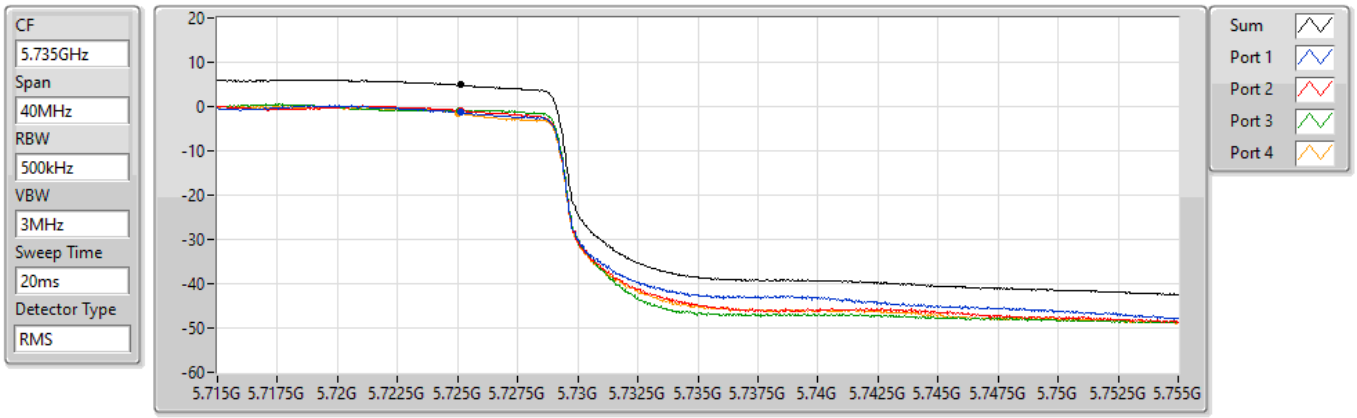


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.97	7.97	2.34	2.48	2.67	1.77

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.725-5.85GHz

24/08/2022

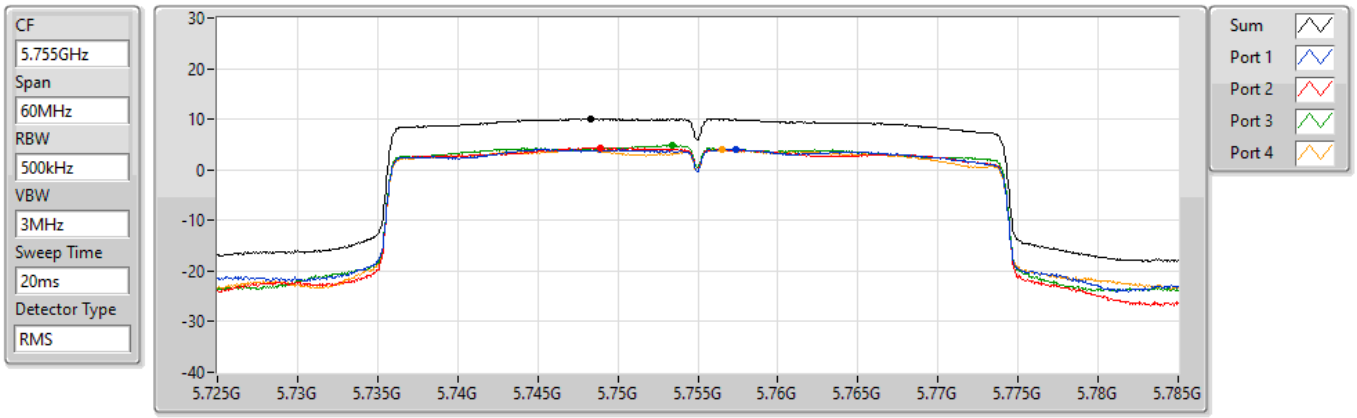


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.87	4.87	-1.27	-0.93	-0.79	-1.46

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5755MHz

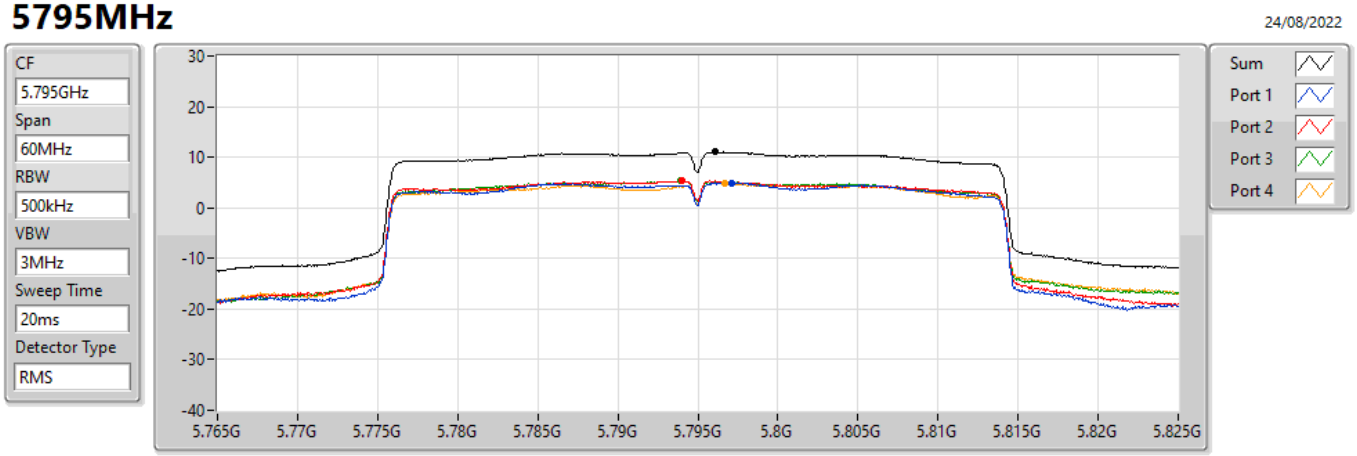
24/08/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.03	10.03	4.13	4.34	4.82	3.96

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

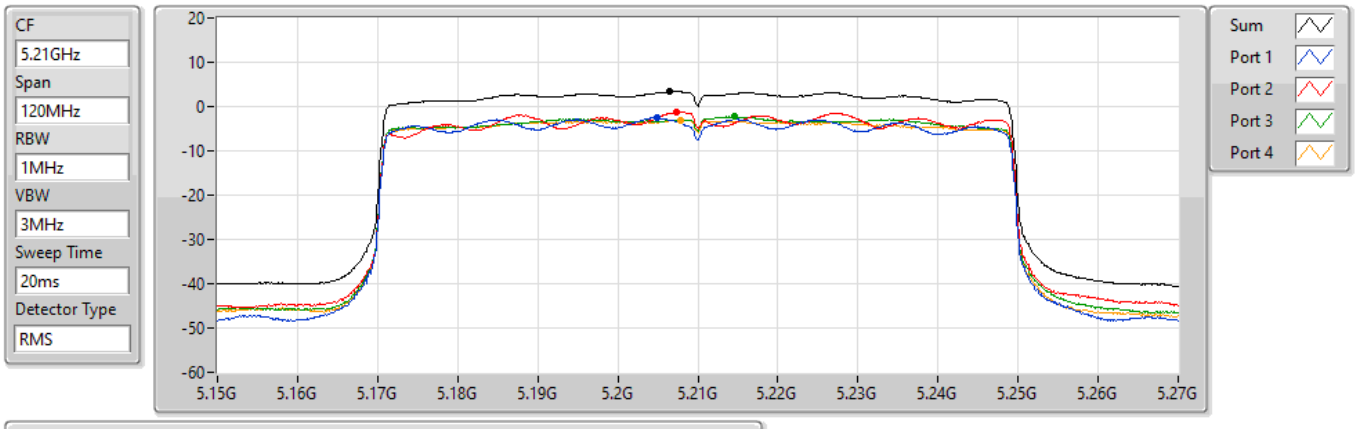
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.04	11.04	4.92	5.34	5.26	4.93

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5210MHz

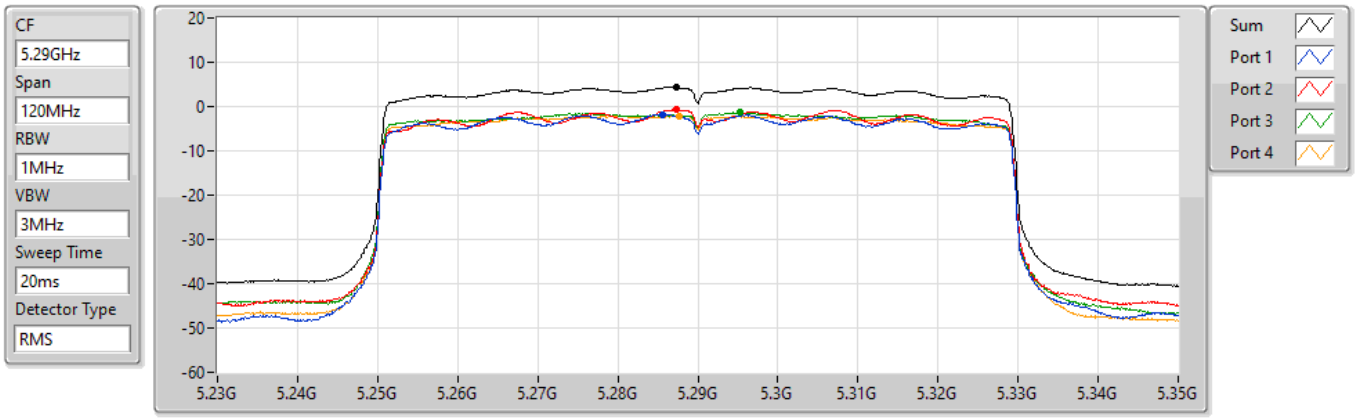


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.39	3.39	-2.45	-1.12	-2.24	-3.04

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5290MHz

24/08/2022

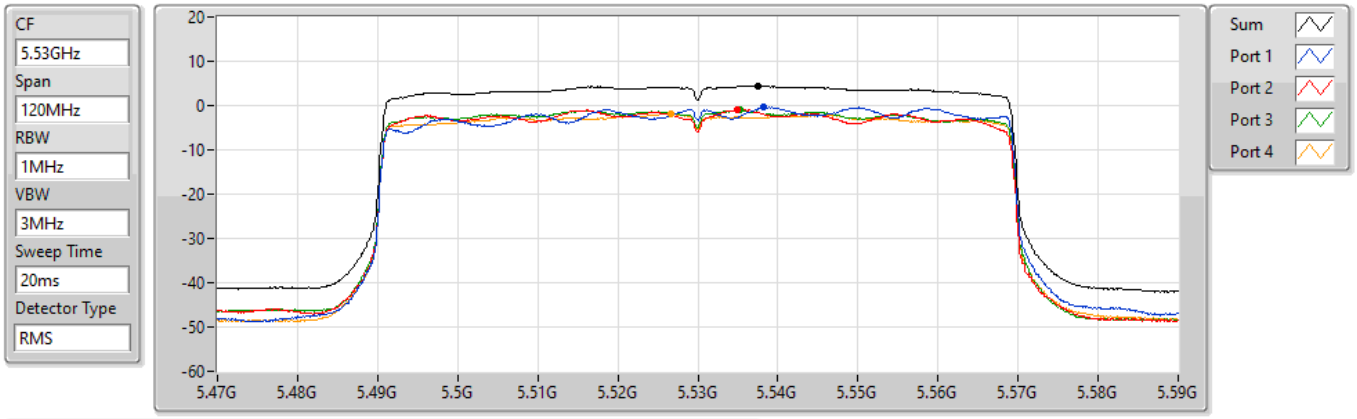


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.32	4.32	-1.78	-0.65	-1.35	-2.10

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5530MHz

24/08/2022

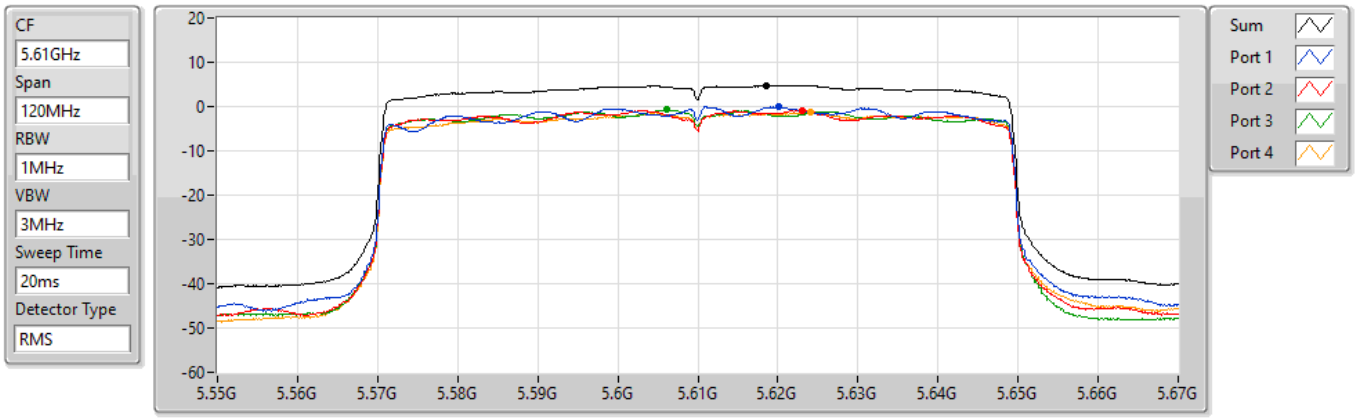


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.43	4.43	-0.45	-0.92	-1.04	-1.89

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5610MHz

24/08/2022

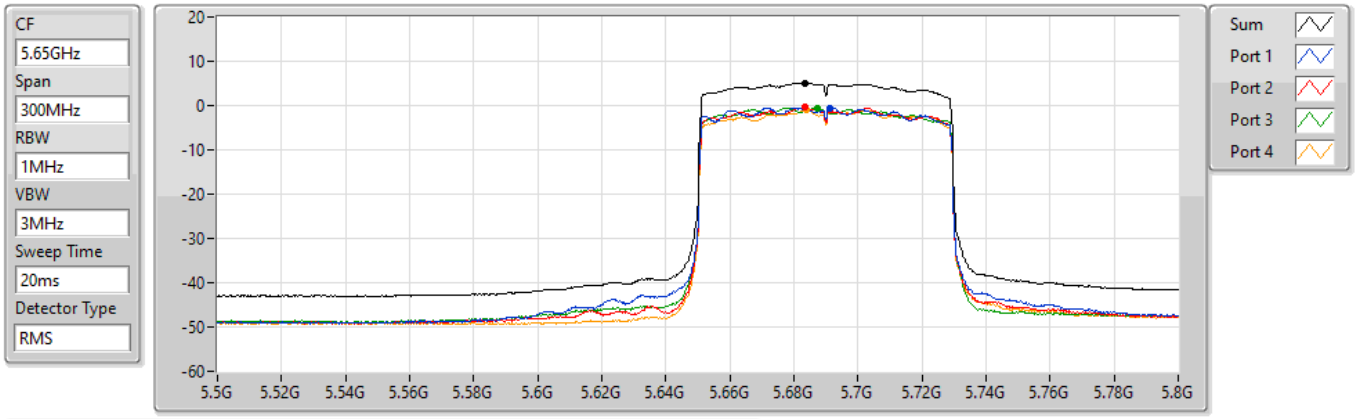


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.74	4.74	-0.08	-0.91	-0.76	-1.27

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

24/08/2022

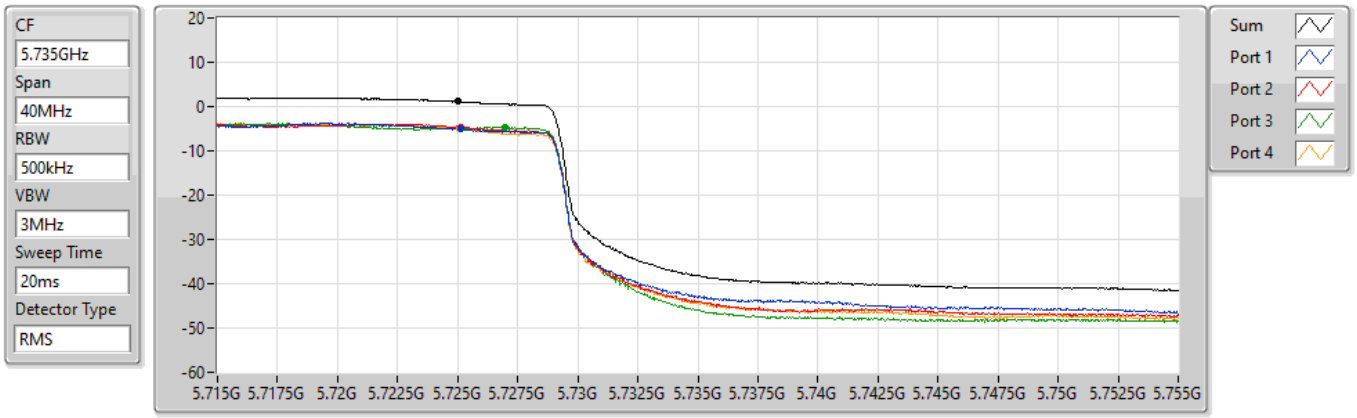


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.07	5.07	-0.53	-0.40	-0.49	-1.00

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

24/08/2022

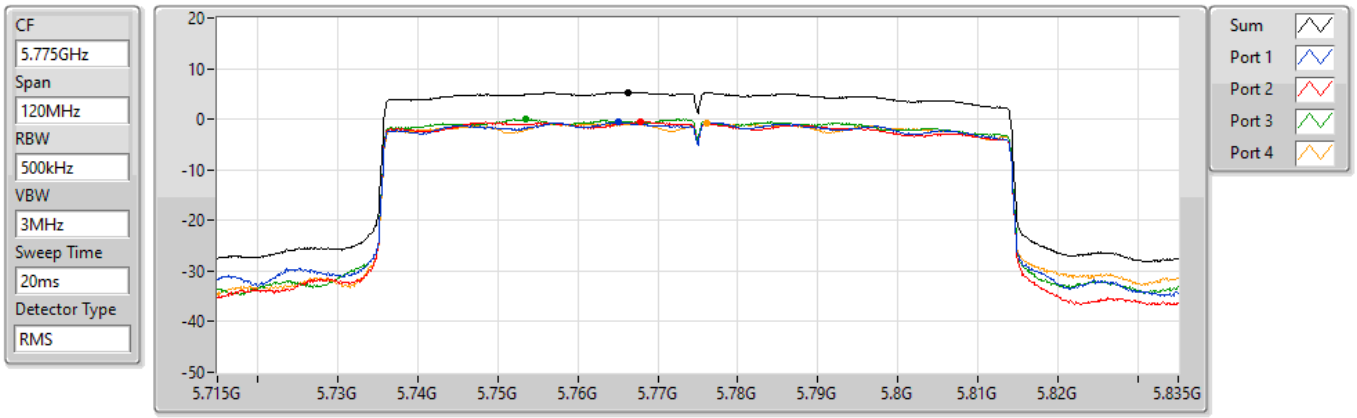


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.16	1.16	-5.00	-4.59	-4.68	-4.86

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5775MHz

24/08/2022

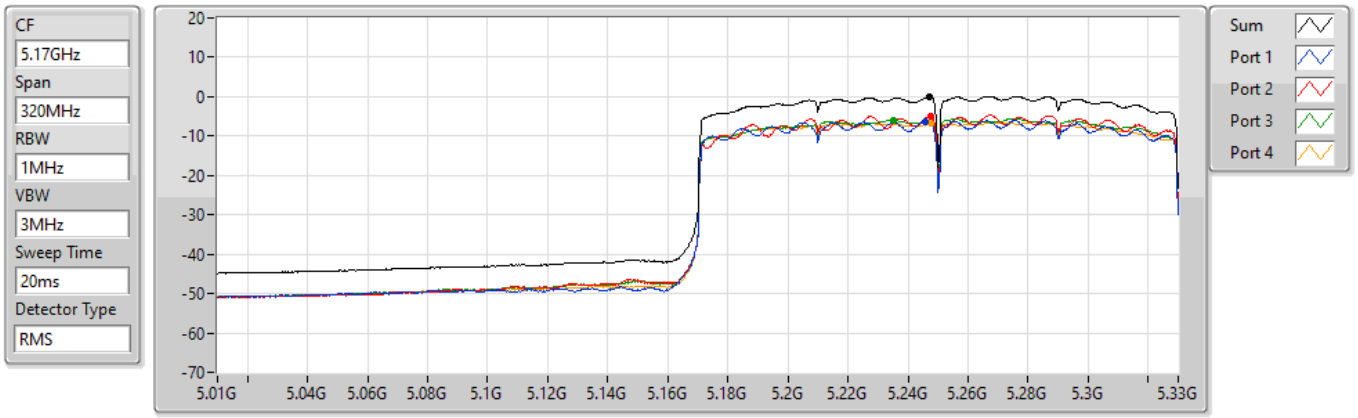


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.33	5.33	-0.62	-0.40	-0.01	-0.83

802.11ax HEW160_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.15-5.25GHz

24/08/2022

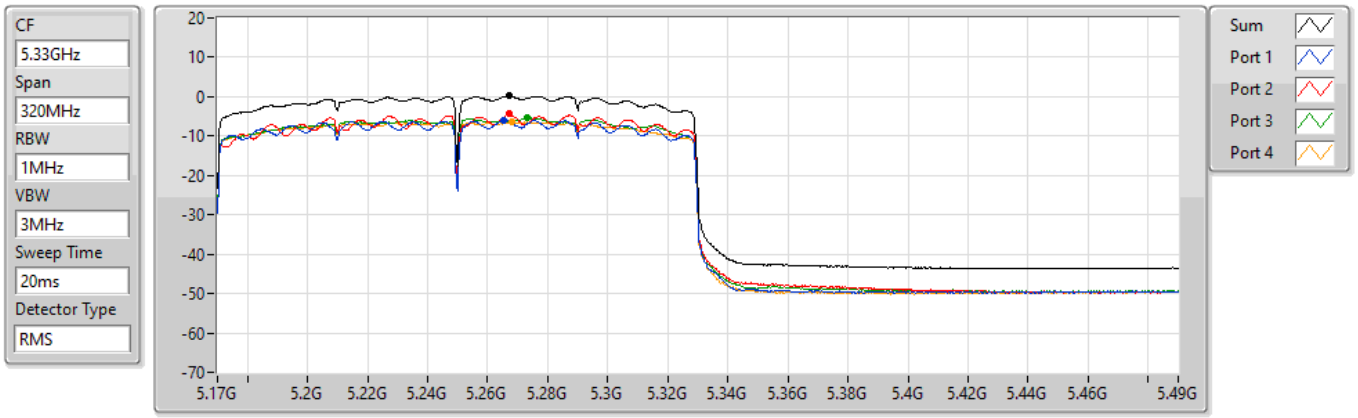


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.21	-0.21	-6.41	-4.86	-6.05	-6.77

802.11ax HEW160_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.25-5.35GHz

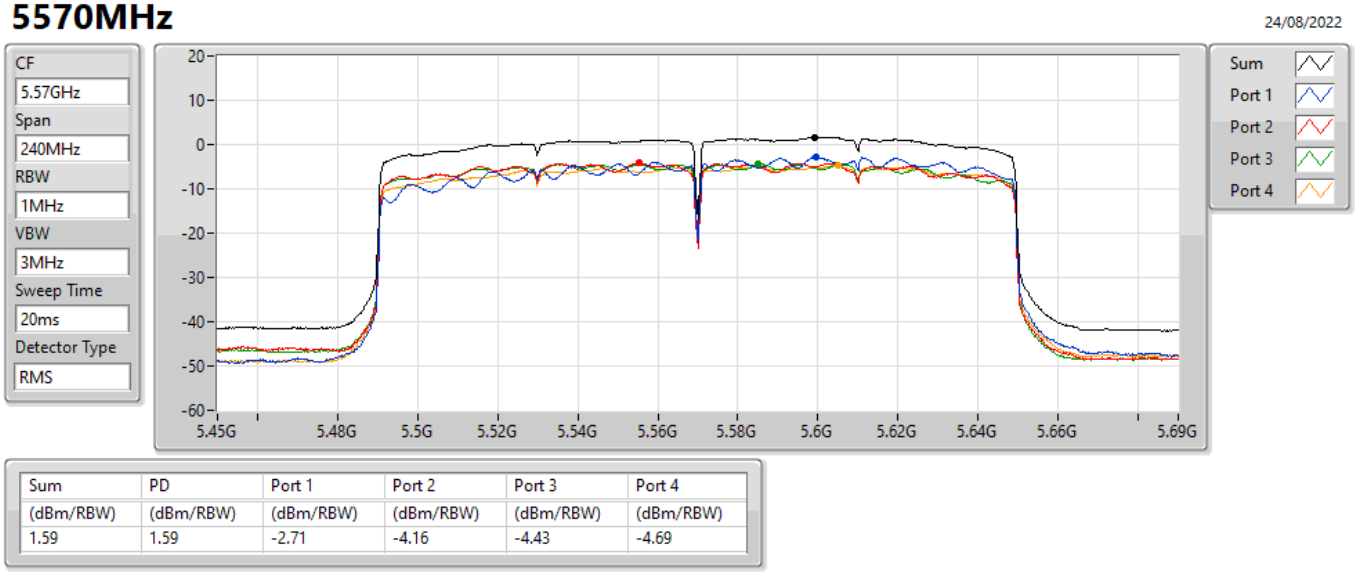
24/08/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.26	0.26	-5.90	-4.43	-5.43	-6.36

802.11ax HEW160_Nss1,(MCS0)_4TX PSD

5570MHz

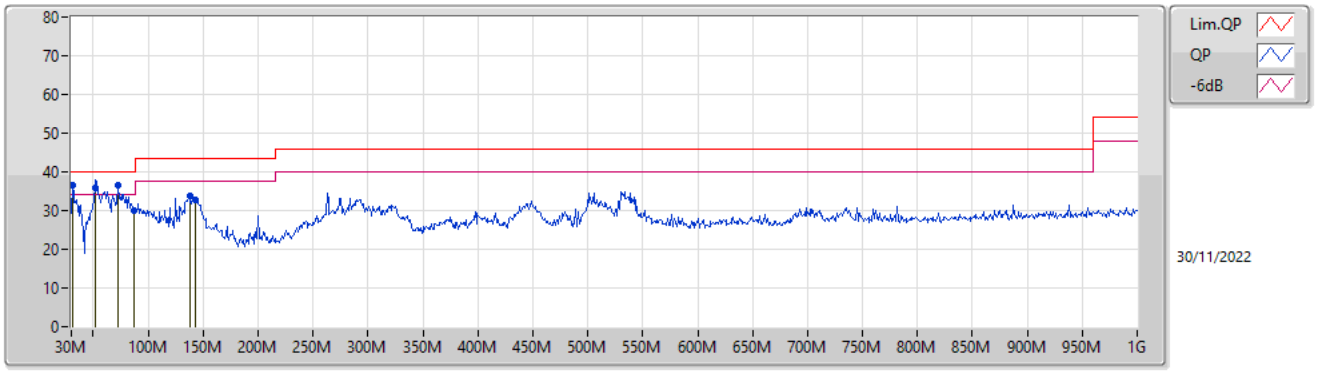


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.59	1.59	-2.71	-4.16	-4.43	-4.69

Summary

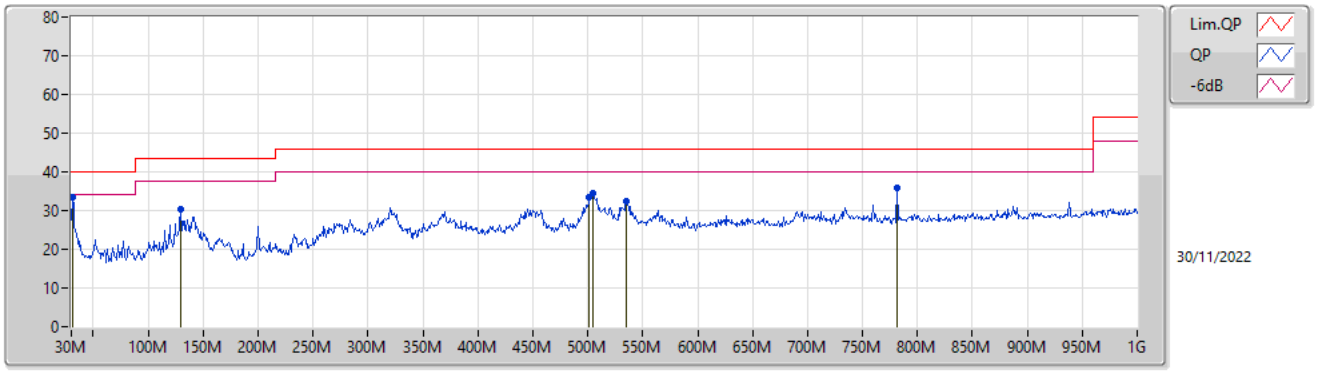
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	72.68M	36.63	40.00	-3.37	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	30.97M	36.57	40.00	-3.43	-7.59	3	Vertical	135	1.25	-	44.16	23.54	0.45	31.58
QP	52.31M	36.01	40.00	-3.99	-18.02	3	Vertical	325	1.00	-	54.03	13.16	0.69	31.87
PK	72.68M	36.63	40.00	-3.37	-18.92	3	Vertical	135	2.00	"Worst"	55.55	12.17	0.88	31.97
PK	87.23M	29.99	40.00	-10.01	-16.93	3	Vertical	251	1.50	-	46.92	14.02	1.00	31.95
PK	137.67M	33.69	43.50	-9.81	-13.55	3	Vertical	77	1.00	-	47.24	17.10	1.36	32.01
PK	143.49M	32.91	43.50	-10.59	-13.98	3	Vertical	163	1.00	-	46.89	16.63	1.40	32.01

Mode 1



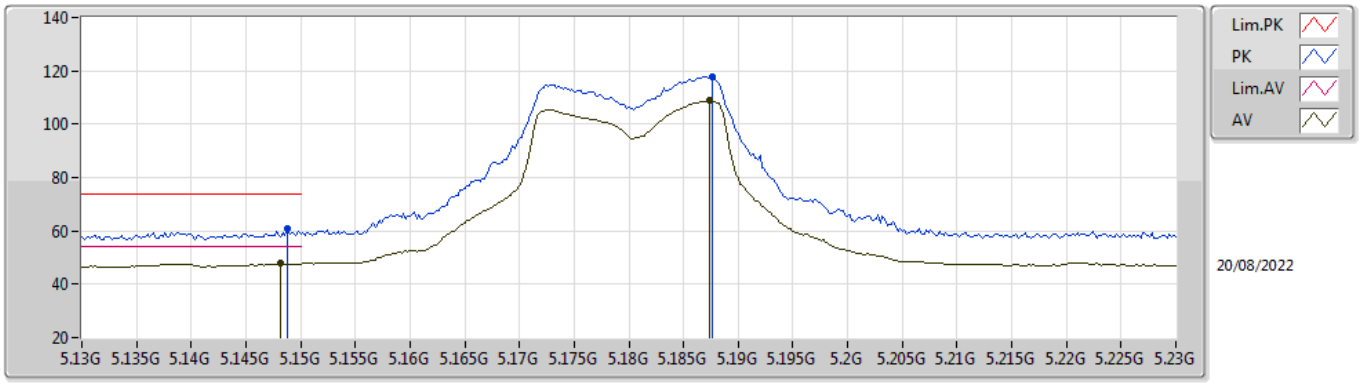
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	30.97M	33.49	40.00	-6.51	-7.59	3	Horizontal	74	1.25	"Worst"	41.08	23.54	0.45	31.58
PK	129.91M	30.46	43.50	-13.04	-13.00	3	Horizontal	141	2.00	-	43.46	17.68	1.31	31.99
PK	501.42M	33.58	46.00	-12.42	-6.22	3	Horizontal	164	2.00	-	39.80	23.21	2.97	32.40
PK	504.33M	34.59	46.00	-11.41	-6.20	3	Horizontal	191	1.00	-	40.79	23.22	2.98	32.40
PK	535.37M	32.27	46.00	-13.73	-5.66	3	Horizontal	184	1.25	-	37.93	23.62	3.11	32.39
PK	781.75M	36.01	46.00	-9.99	-3.21	3	Horizontal	217	1.00	-	39.22	25.46	3.88	32.55

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	11.00012G	53.98	54.00	-0.02	3	Vertical	195	1.70	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

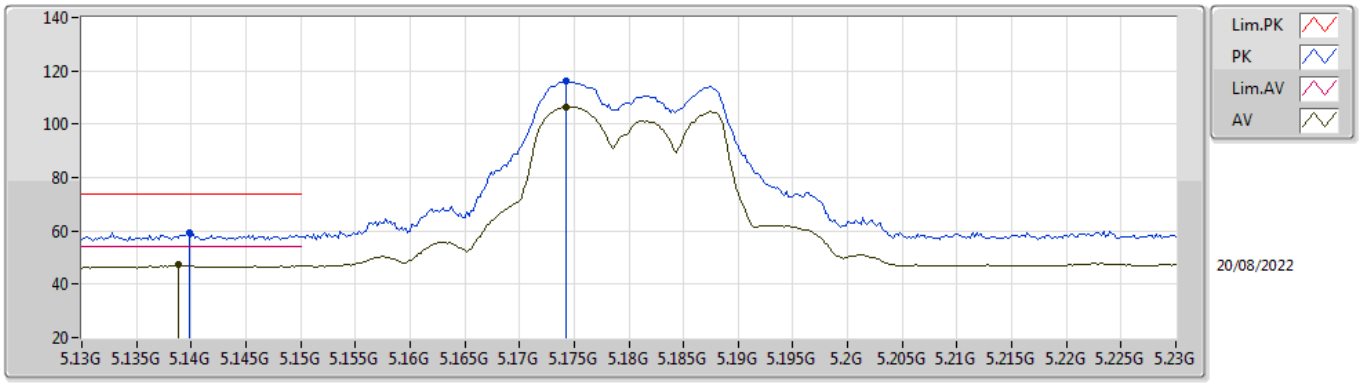


EUT Y_4TX
Setting 19.5
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1488G	60.94	74.00	-13.06	52.82	3	Vertical	212	2.03	-	33.60	5.25	30.73
AV	5.1482G	47.75	54.00	-6.25	39.63	3	Vertical	212	2.03	-	33.60	5.25	30.73
PK	5.1876G	117.98	Inf	-Inf	109.74	3	Vertical	212	2.03	-	33.68	5.29	30.73
AV	5.1874G	108.75	Inf	-Inf	100.52	3	Vertical	212	2.03	-	33.67	5.29	30.73

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

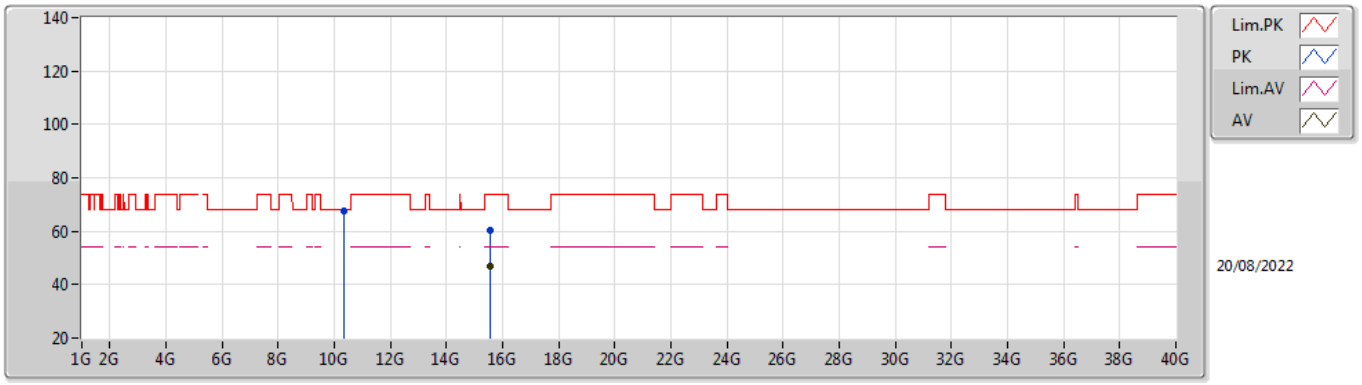


EUT Y_4TX
Setting 19.5
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1398G	59.36	74.00	-14.64	51.27	3	Horizontal	83	1.83	-	33.58	5.24	30.73
AV	5.1388G	47.21	54.00	-6.79	39.12	3	Horizontal	83	1.83	-	33.58	5.24	30.73
PK	5.1742G	115.95	Inf	-Inf	107.76	3	Horizontal	83	1.83	-	33.65	5.27	30.73
AV	5.1742G	106.49	Inf	-Inf	98.30	3	Horizontal	83	1.83	-	33.65	5.27	30.73

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

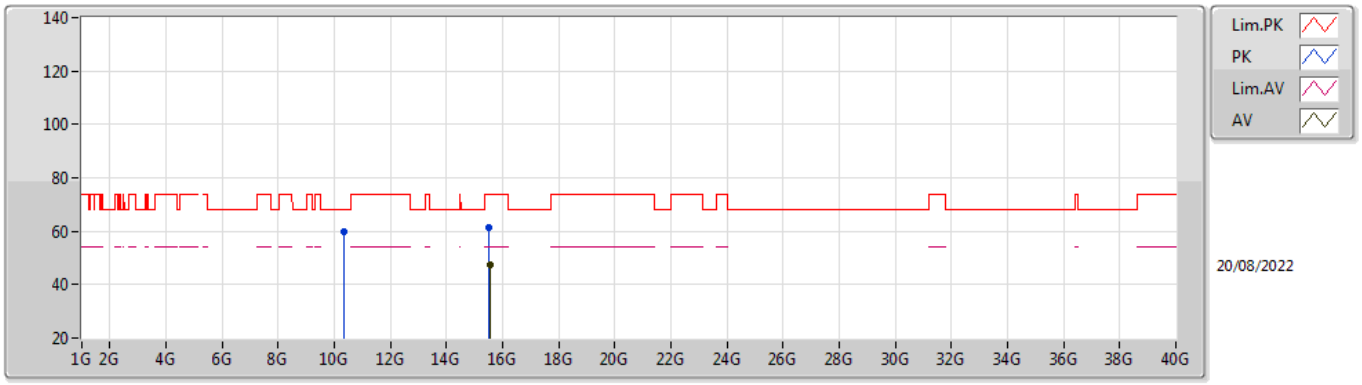


EUT Y_4TX
Setting 19.5
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.36048G	67.67	68.20	-0.53	53.42	3	Vertical	200	1.83	-	38.64	7.44	31.83
PK	15.53526G	60.21	74.00	-13.79	43.88	3	Vertical	206	2.96	-	37.89	9.79	31.35
AV	15.5352G	47.07	54.00	-6.93	30.74	3	Vertical	206	2.96	-	37.89	9.79	31.35

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

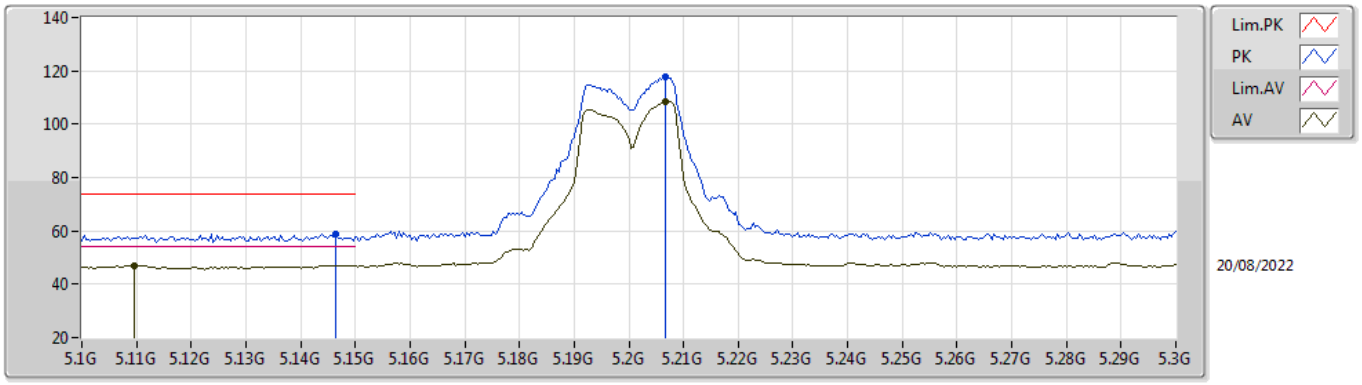


EUT Y_4TX
Setting 19.5
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.36042G	59.80	68.20	-8.40	45.55	3	Horizontal	135	1.56	-	38.64	7.44	31.83
PK	15.52926G	61.13	74.00	-12.87	44.77	3	Horizontal	305	2.57	-	37.92	9.79	31.35
AV	15.54846G	47.41	54.00	-6.59	31.16	3	Horizontal	305	2.57	-	37.81	9.80	31.36

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

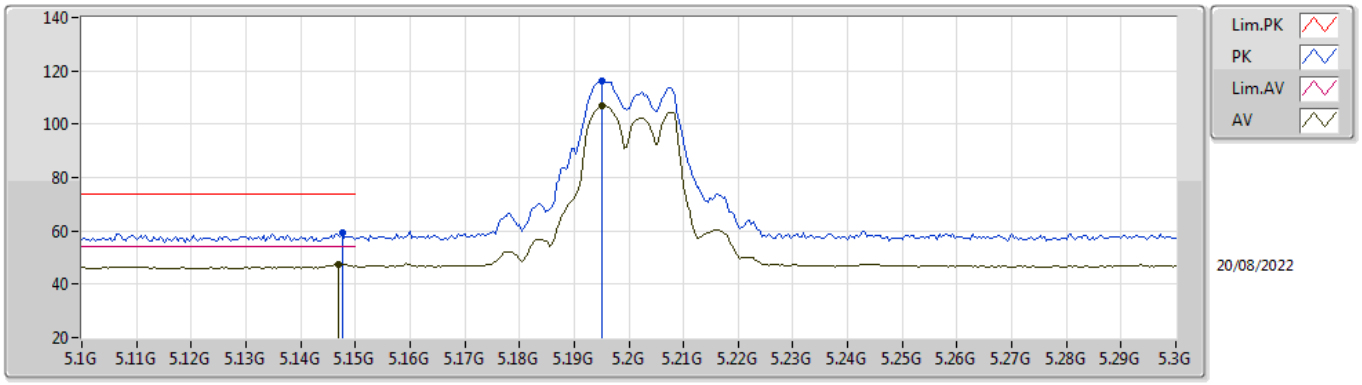


EUT Y_4TX
Setting 19.5
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1464G	58.88	74.00	-15.12	50.77	3	Vertical	209	2.00	-	33.59	5.25	30.73
AV	5.1096G	47.13	54.00	-6.87	39.13	3	Vertical	209	2.00	-	33.52	5.21	30.73
PK	5.2068G	117.77	Inf	-Inf	109.50	3	Vertical	209	2.00	-	33.70	5.30	30.73
AV	5.2068G	108.25	Inf	-Inf	99.98	3	Vertical	209	2.00	-	33.70	5.30	30.73

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

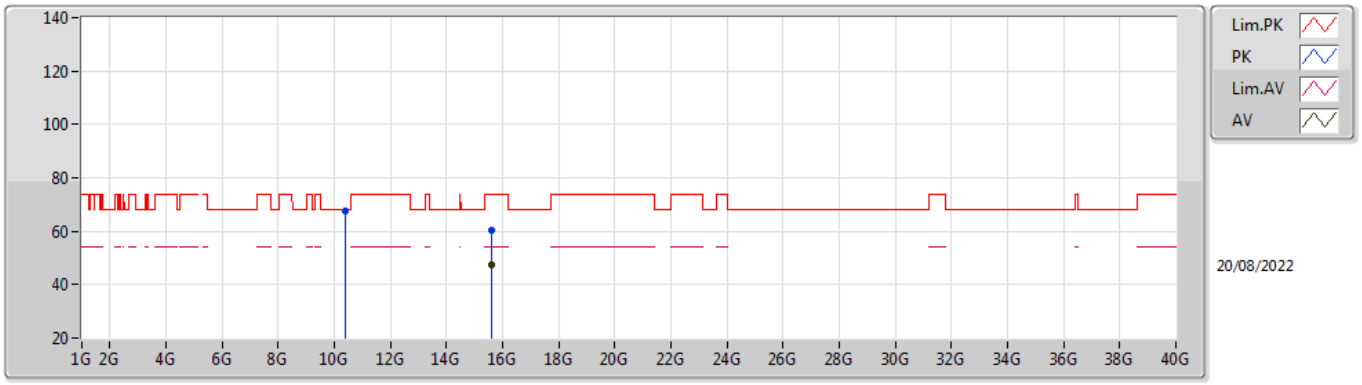


EUT Y_4TX
Setting 19.5
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1476G	59.36	74.00	-14.64	51.24	3	Horizontal	85	1.96	-	33.60	5.25	30.73
AV	5.1468G	47.46	54.00	-6.54	39.35	3	Horizontal	85	1.96	-	33.59	5.25	30.73
PK	5.1952G	116.03	Inf	-Inf	107.77	3	Horizontal	85	1.96	-	33.69	5.30	30.73
AV	5.1952G	106.93	Inf	-Inf	98.67	3	Horizontal	85	1.96	-	33.69	5.30	30.73

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

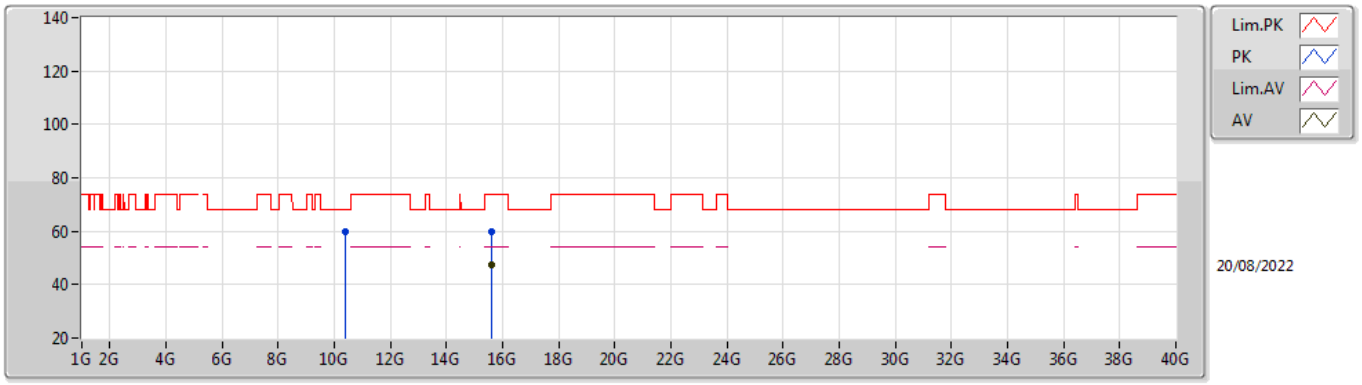


EUT Y_4TX
Setting 19.5
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40162G	67.34	68.20	-0.86	53.11	3	Vertical	198	1.82	-	38.60	7.46	31.83
PK	15.59244G	60.12	74.00	-13.88	44.13	3	Vertical	203	2.79	-	37.55	9.82	31.38
AV	15.59502G	47.24	54.00	-6.76	31.27	3	Vertical	203	2.79	-	37.53	9.82	31.38

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

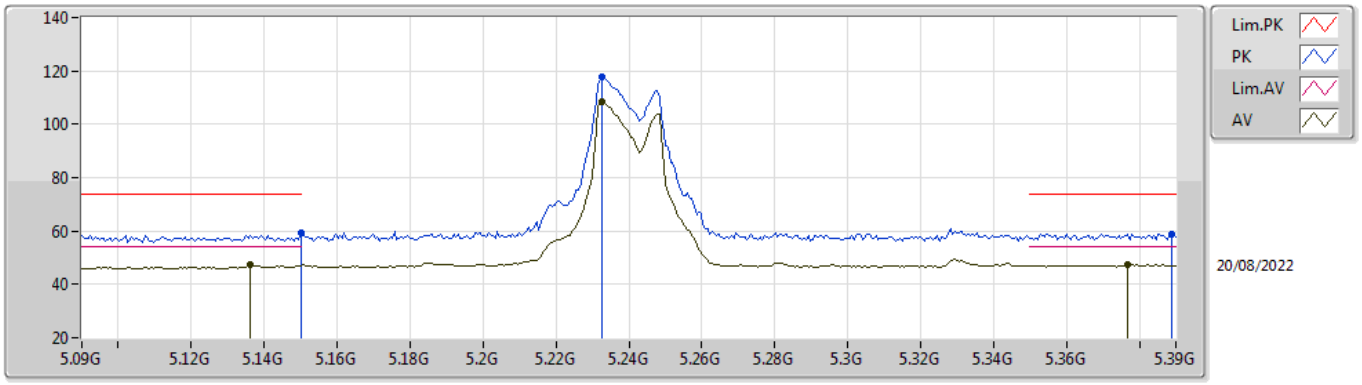


EUT Y_4TX
Setting 19.5
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40186G	60.04	68.20	-8.16	45.81	3	Horizontal	131	1.80	-	38.60	7.46	31.83
PK	15.6024G	60.04	74.00	-13.96	44.10	3	Horizontal	291	1.26	-	37.50	9.82	31.38
AV	15.59994G	47.38	54.00	-6.62	31.44	3	Horizontal	291	1.26	-	37.50	9.82	31.38

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

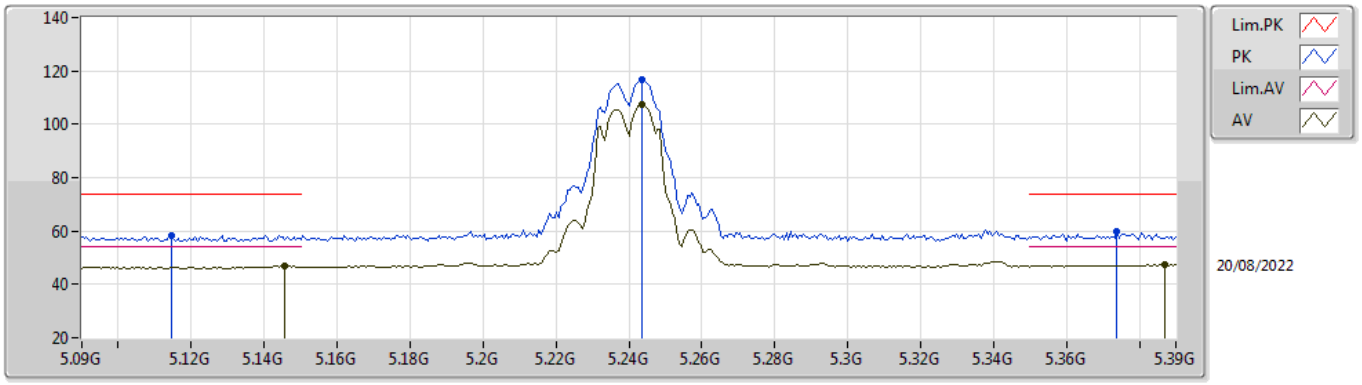


EUT Y_4TX
Setting 19.5
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	59.44	74.00	-14.56	51.32	3	Vertical	220	2.50	-	33.60	5.25	30.73
AV	5.1362G	47.16	54.00	-6.84	39.08	3	Vertical	220	2.50	-	33.57	5.24	30.73
PK	5.2328G	117.93	Inf	-Inf	109.64	3	Vertical	220	2.50	-	33.70	5.32	30.73
AV	5.2328G	108.55	Inf	-Inf	100.26	3	Vertical	220	2.50	-	33.70	5.32	30.73
PK	5.3888G	58.89	74.00	-15.11	50.24	3	Vertical	220	2.50	-	33.98	5.39	30.72
AV	5.3768G	47.29	54.00	-6.71	38.67	3	Vertical	220	2.50	-	33.95	5.39	30.72

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

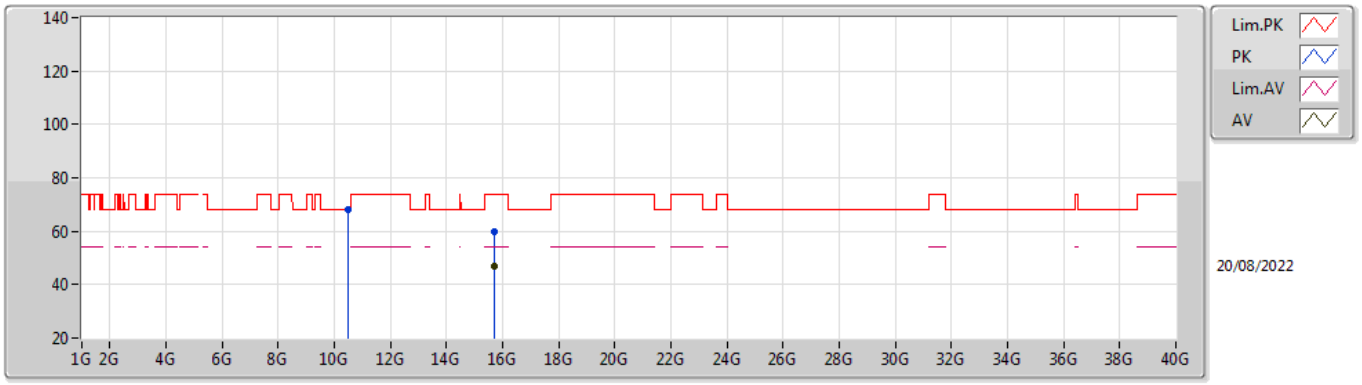


EUT Y_4TX
Setting 19.5
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1146G	58.44	74.00	-15.56	50.43	3	Horizontal	234	2.18	-	33.53	5.21	30.73
AV	5.1458G	46.84	54.00	-7.16	38.73	3	Horizontal	234	2.18	-	33.59	5.25	30.73
PK	5.2436G	116.62	Inf	-Inf	108.33	3	Horizontal	234	2.18	-	33.70	5.32	30.73
AV	5.2436G	107.54	Inf	-Inf	99.25	3	Horizontal	234	2.18	-	33.70	5.32	30.73
PK	5.3738G	59.65	74.00	-14.35	51.03	3	Horizontal	234	2.18	-	33.95	5.39	30.72
AV	5.387G	47.39	54.00	-6.61	38.75	3	Horizontal	234	2.18	-	33.97	5.39	30.72

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

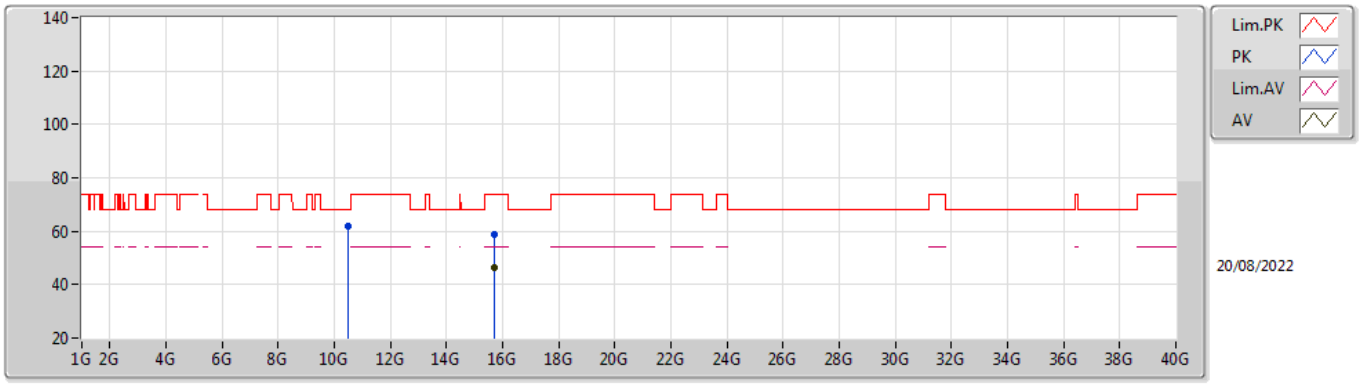


EUT Y_4TX
Setting 19.5
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48186G	68.17	68.20	-0.03	53.93	3	Vertical	193	1.80	-	38.60	7.49	31.85
PK	15.7146G	59.98	74.00	-14.02	44.05	3	Vertical	202	1.94	-	37.50	9.87	31.44
AV	15.71496G	46.84	54.00	-7.16	30.91	3	Vertical	202	1.94	-	37.50	9.87	31.44

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

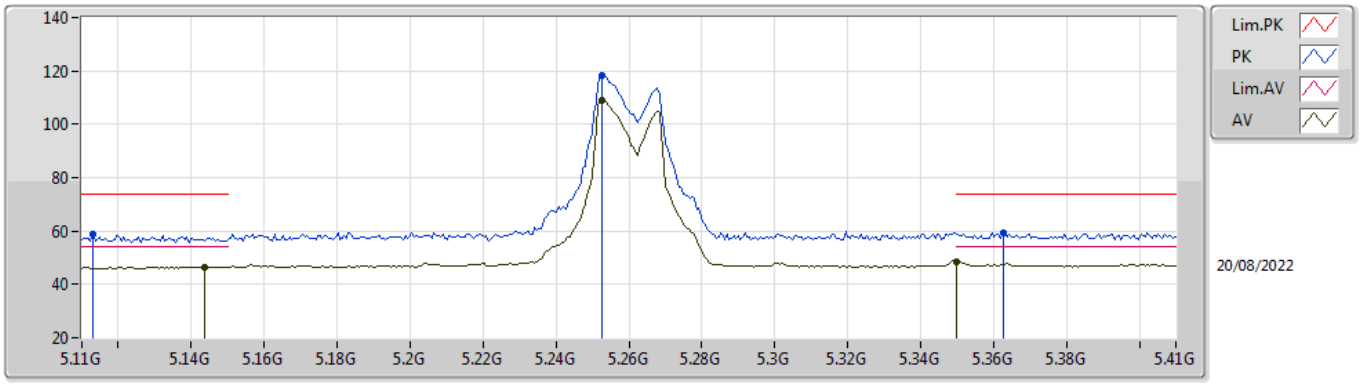


EUT Y_4TX
Setting 19.5
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4806G	61.89	68.20	-6.31	47.65	3	Horizontal	188	1.80	-	38.60	7.49	31.85
PK	15.7155G	58.83	74.00	-15.17	42.90	3	Horizontal	335	1.98	-	37.50	9.87	31.44
AV	15.7155G	46.47	54.00	-7.53	30.54	3	Horizontal	335	1.98	-	37.50	9.87	31.44

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

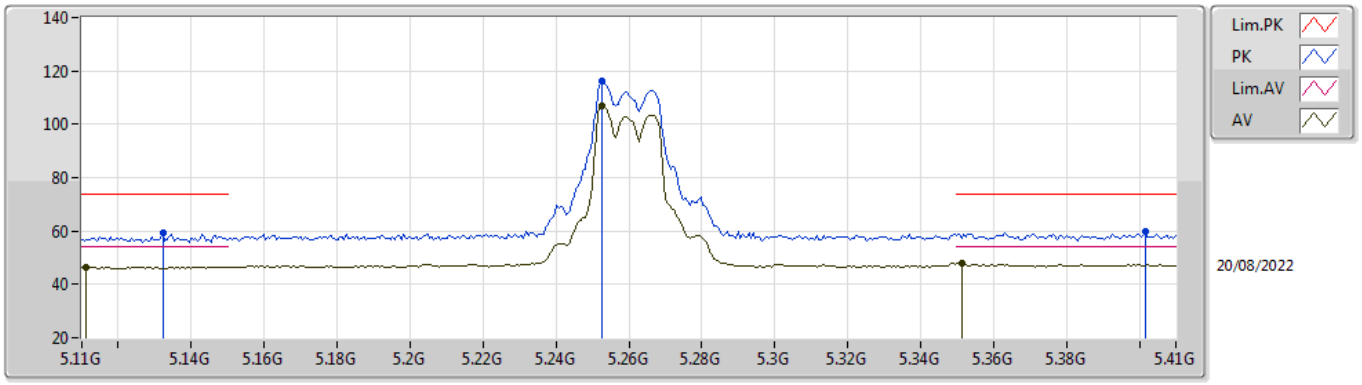


EUT Y_4TX
Setting 19.5
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.113G	58.54	74.00	-15.46	50.53	3	Vertical	221	2.47	-	33.53	5.21	30.73
AV	5.1436G	46.58	54.00	-7.42	38.48	3	Vertical	221	2.47	-	33.59	5.24	30.73
PK	5.2528G	118.30	Inf	-Inf	109.98	3	Vertical	221	2.47	-	33.71	5.33	30.72
AV	5.2528G	108.85	Inf	-Inf	100.53	3	Vertical	221	2.47	-	33.71	5.33	30.72
PK	5.3626G	59.43	74.00	-14.57	50.84	3	Vertical	221	2.47	-	33.93	5.38	30.72
AV	5.35G	48.57	54.00	-5.43	40.01	3	Vertical	221	2.47	-	33.90	5.38	30.72

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

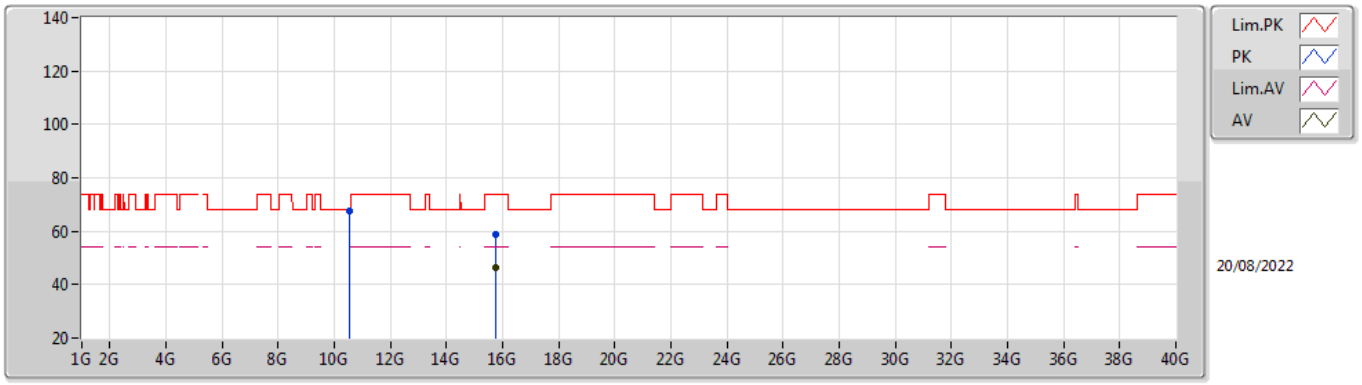


EUT Y_4TX
Setting 19.5
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1322G	59.16	74.00	-14.84	51.10	3	Horizontal	88	1.45	-	33.56	5.23	30.73
AV	5.1112G	46.40	54.00	-7.60	38.40	3	Horizontal	88	1.45	-	33.52	5.21	30.73
PK	5.2528G	116.23	Inf	-Inf	107.91	3	Horizontal	88	1.45	-	33.71	5.33	30.72
AV	5.2528G	107.05	Inf	-Inf	98.73	3	Horizontal	88	1.45	-	33.71	5.33	30.72
PK	5.4016G	59.59	74.00	-14.41	50.91	3	Horizontal	88	1.45	-	34.00	5.40	30.72
AV	5.3512G	47.85	54.00	-6.15	39.29	3	Horizontal	88	1.45	-	33.90	5.38	30.72

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

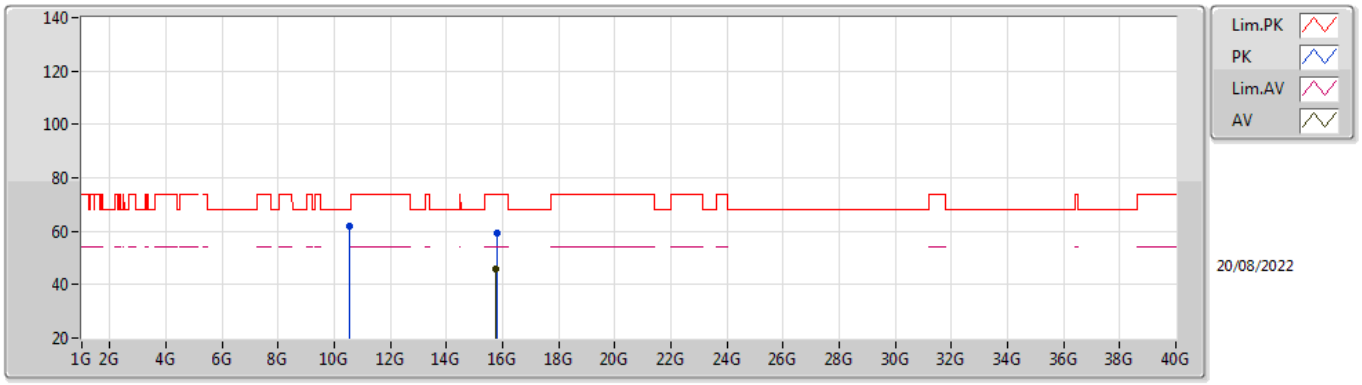


EUT Y_4TX
Setting 19.5
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.51958G	67.38	68.20	-0.82	53.14	3	Vertical	189	1.46	-	38.58	7.51	31.85
PK	15.77622G	58.80	74.00	-15.20	42.87	3	Vertical	198	2.06	-	37.50	9.90	31.47
AV	15.77472G	46.34	54.00	-7.66	30.41	3	Vertical	198	2.06	-	37.50	9.90	31.47

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

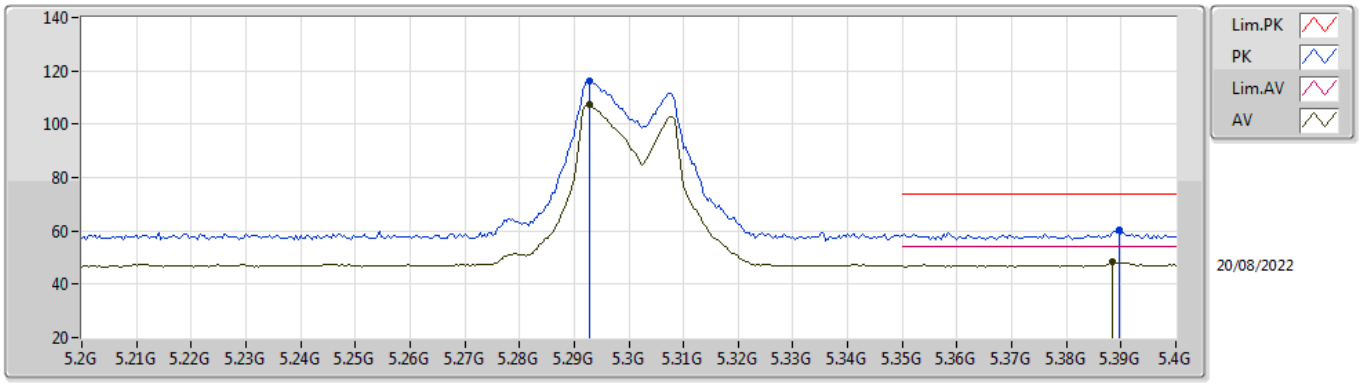


EUT Y_4TX
Setting 19.5
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.52162G	61.81	68.20	-6.39	47.57	3	Horizontal	190	1.77	-	38.58	7.51	31.85
PK	15.78042G	59.30	74.00	-14.70	43.38	3	Horizontal	343	2.87	-	37.50	9.90	31.48
AV	15.77202G	46.09	54.00	-7.91	30.16	3	Horizontal	343	2.87	-	37.50	9.90	31.47

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

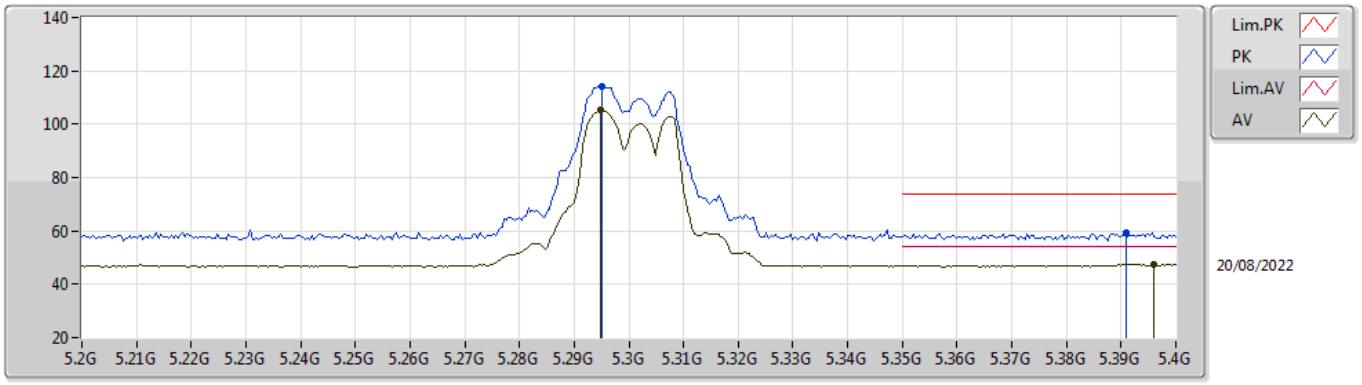


EUT Y_4TX
Setting 19.5
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.2928G	116.22	Inf	-Inf	107.80	3	Vertical	209	2.46	-	33.79	5.35	30.72
AV	5.2928G	107.16	Inf	-Inf	98.74	3	Vertical	209	2.46	-	33.79	5.35	30.72
PK	5.3896G	60.34	74.00	-13.66	51.69	3	Vertical	209	2.46	-	33.98	5.39	30.72
AV	5.3884G	48.33	54.00	-5.67	39.68	3	Vertical	209	2.46	-	33.98	5.39	30.72

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

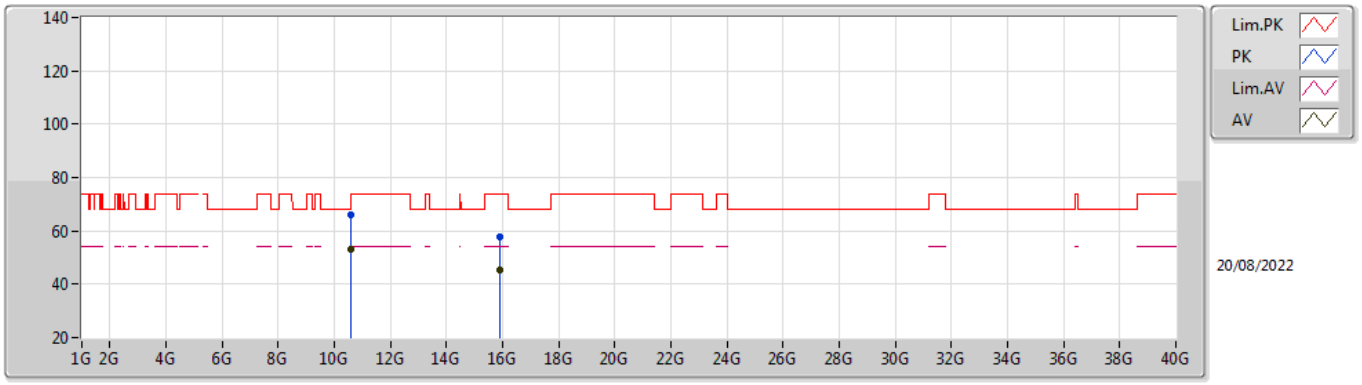


EUT Y_4TX
Setting 19.5
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.2952G	114.24	Inf	-Inf	105.82	3	Horizontal	89	1.79	-	33.79	5.35	30.72
AV	5.2948G	105.09	Inf	-Inf	96.67	3	Horizontal	89	1.79	-	33.79	5.35	30.72
PK	5.3908G	59.38	74.00	-14.62	50.72	3	Horizontal	89	1.79	-	33.98	5.40	30.72
AV	5.396G	47.45	54.00	-6.55	38.78	3	Horizontal	89	1.79	-	33.99	5.40	30.72

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

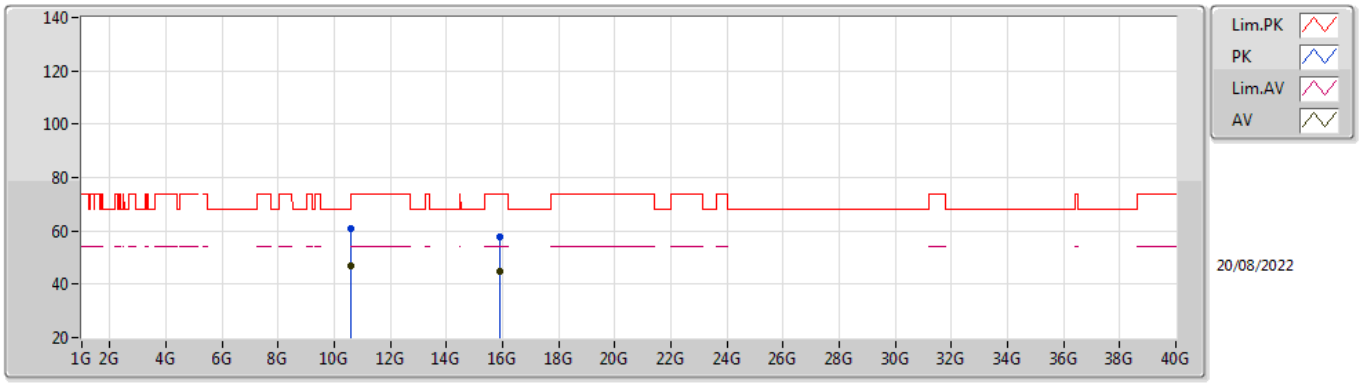


EUT Y_4TX
Setting 19.5
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.60174G	65.78	74.00	-8.22	51.60	3	Vertical	197	1.90	-	38.50	7.54	31.86
AV	10.60018G	53.24	54.00	-0.76	39.06	3	Vertical	197	1.90	-	38.50	7.54	31.86
PK	15.8985G	57.92	74.00	-16.08	42.21	3	Vertical	190	3.00	-	37.30	9.95	31.54
AV	15.89958G	45.25	54.00	-8.75	29.54	3	Vertical	190	3.00	-	37.30	9.95	31.54

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

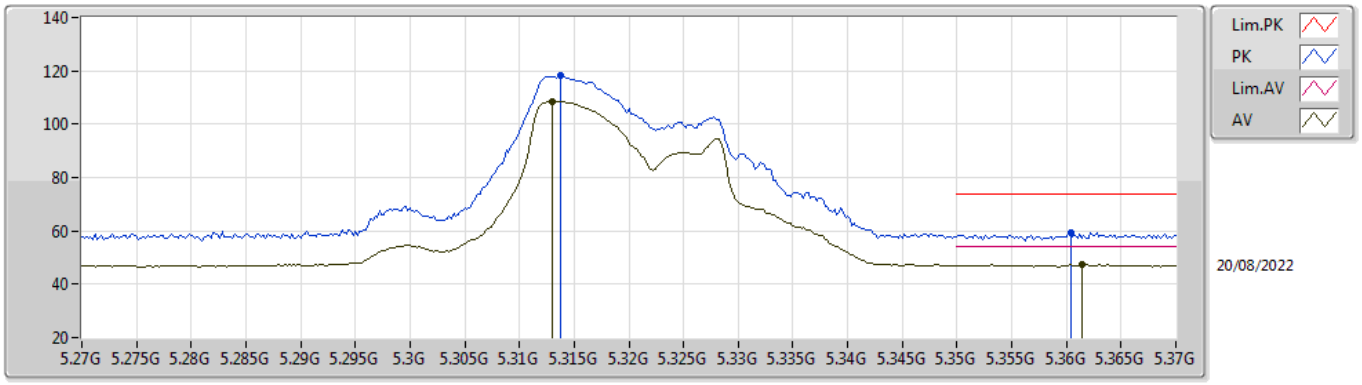


EUT Y_4TX
Setting 19.5
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.6006G	60.63	74.00	-13.37	46.45	3	Horizontal	187	1.79	-	38.50	7.54	31.86
AV	10.60018G	47.04	54.00	-6.96	32.86	3	Horizontal	187	1.79	-	38.50	7.54	31.86
PK	15.89424G	57.77	74.00	-16.23	42.05	3	Horizontal	337	1.80	-	37.31	9.95	31.54
AV	15.89502G	44.90	54.00	-9.10	29.18	3	Horizontal	337	1.80	-	37.31	9.95	31.54

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

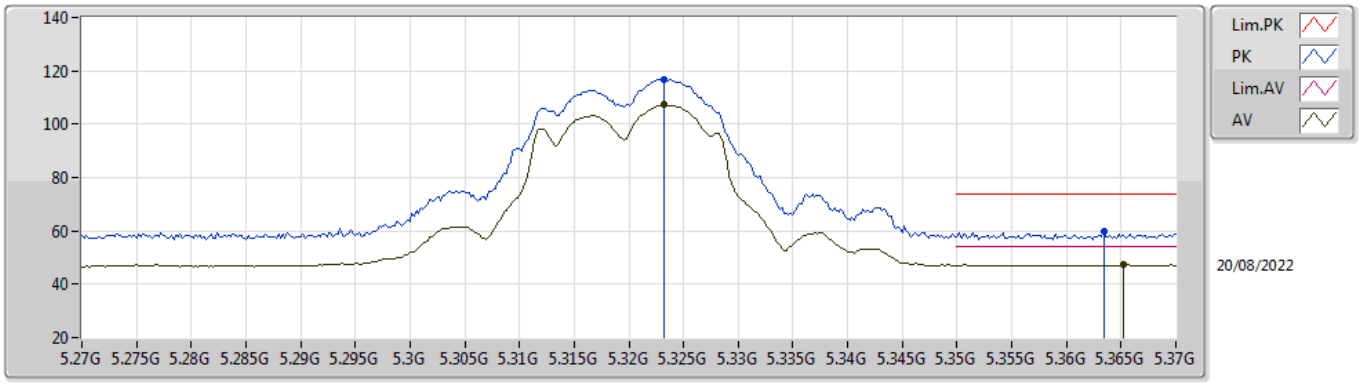


EUT Y_4TX
Setting 20
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3138G	118.30	Inf	-Inf	109.83	3	Vertical	208	2.78	-	33.83	5.36	30.72
AV	5.313G	108.67	Inf	-Inf	100.20	3	Vertical	208	2.78	-	33.83	5.36	30.72
PK	5.3604G	59.55	74.00	-14.45	50.97	3	Vertical	208	2.78	-	33.92	5.38	30.72
AV	5.3614G	47.28	54.00	-6.72	38.70	3	Vertical	208	2.78	-	33.92	5.38	30.72

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

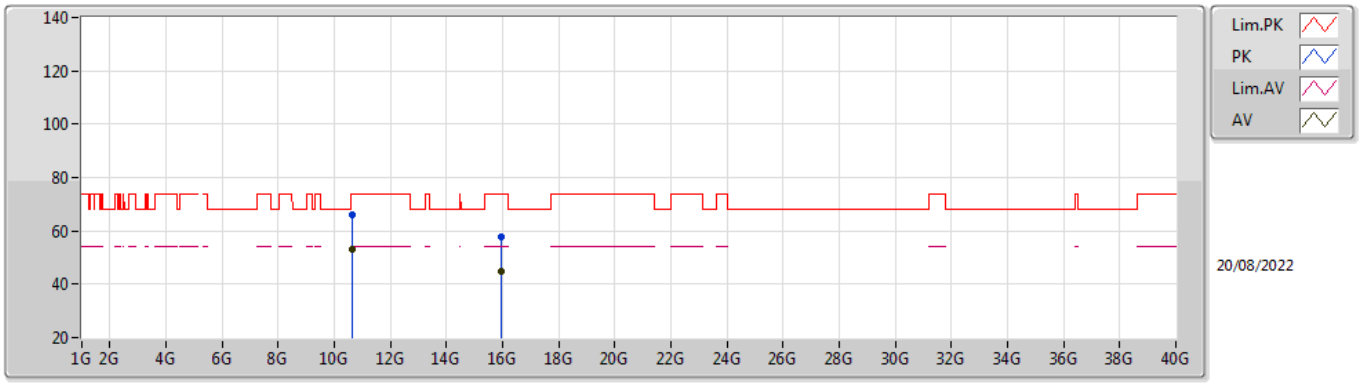


EUT Y_4TX
Setting 20
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3232G	116.92	Inf	-Inf	108.43	3	Horizontal	233	2.05	-	33.85	5.36	30.72
AV	5.3232G	107.47	Inf	-Inf	98.98	3	Horizontal	233	2.05	-	33.85	5.36	30.72
PK	5.3634G	59.69	74.00	-14.31	51.10	3	Horizontal	233	2.05	-	33.93	5.38	30.72
AV	5.3652G	47.36	54.00	-6.64	38.77	3	Horizontal	233	2.05	-	33.93	5.38	30.72

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

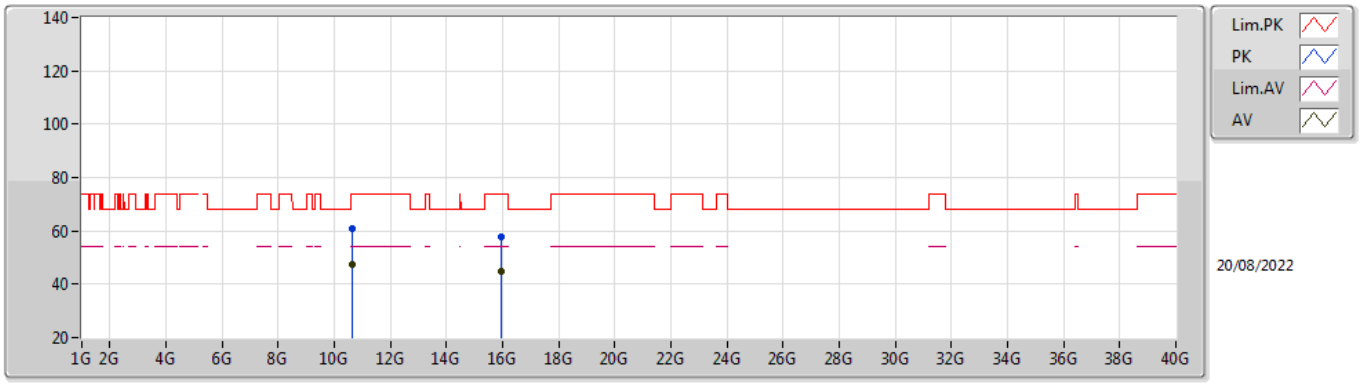


EUT Y_4TX
Setting 20
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.6319G	66.03	74.00	-7.97	51.85	3	Vertical	196	1.66	-	38.50	7.55	31.87
AV	10.64024G	53.30	54.00	-0.70	39.11	3	Vertical	196	1.66	-	38.50	7.56	31.87
PK	15.95904G	57.91	74.00	-16.09	42.20	3	Vertical	186	2.89	-	37.30	9.98	31.57
AV	15.95922G	45.04	54.00	-8.96	29.33	3	Vertical	186	2.89	-	37.30	9.98	31.57

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

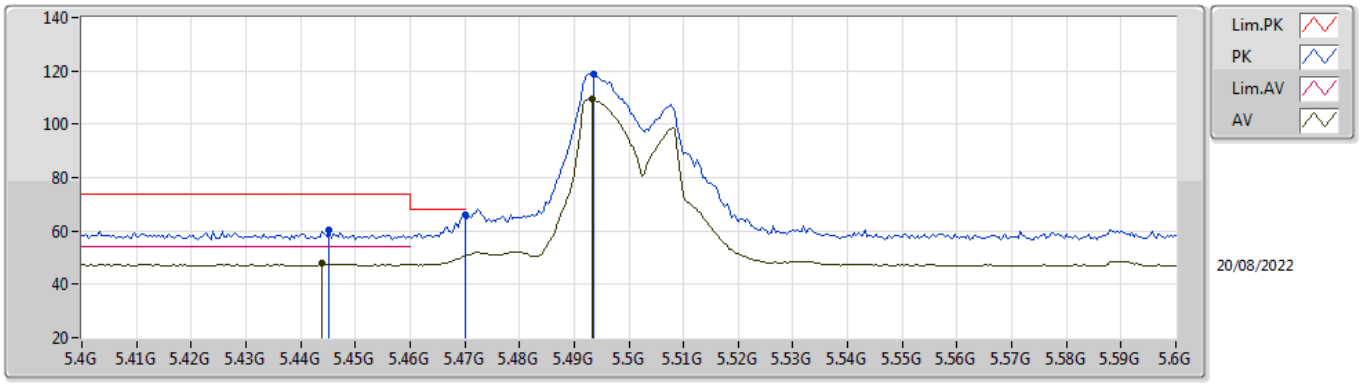


EUT Y_4TX
Setting 20
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.64162G	60.80	74.00	-13.20	46.61	3	Horizontal	189	1.76	-	38.50	7.56	31.87
AV	10.64174G	47.46	54.00	-6.54	33.27	3	Horizontal	189	1.76	-	38.50	7.56	31.87
PK	15.96888G	57.90	74.00	-16.10	42.18	3	Horizontal	336	1.79	-	37.30	9.99	31.57
AV	15.95388G	44.91	54.00	-9.09	29.20	3	Horizontal	336	1.79	-	37.30	9.98	31.57

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

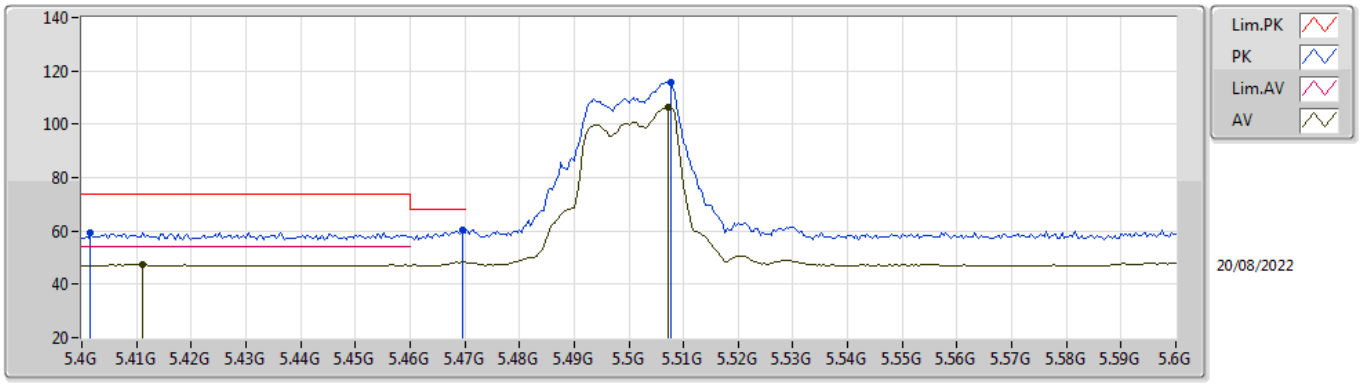


EUT Y_4TX
Setting 19.5
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4452G	60.44	74.00	-13.56	51.71	3	Vertical	199	2.54	-	34.00	5.45	30.72
AV	5.444G	47.69	54.00	-6.31	38.97	3	Vertical	199	2.54	-	34.00	5.44	30.72
PK	5.47G	66.21	68.20	-1.99	57.46	3	Vertical	199	2.54	-	34.00	5.47	30.72
PK	5.4936G	118.81	Inf	-Inf	110.04	3	Vertical	199	2.54	-	34.00	5.49	30.72
AV	5.4932G	109.37	Inf	-Inf	100.60	3	Vertical	199	2.54	-	34.00	5.49	30.72

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

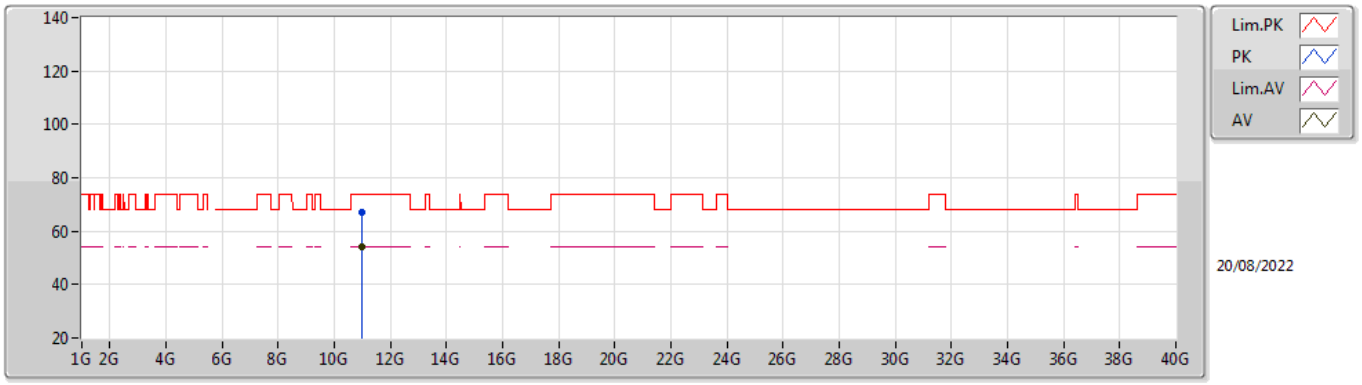


EUT Y_4TX
Setting 19.5
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4016G	59.47	74.00	-14.53	50.79	3	Horizontal	228	2.66	-	34.00	5.40	30.72
AV	5.4112G	47.63	54.00	-6.37	38.94	3	Horizontal	228	2.66	-	34.00	5.41	30.72
PK	5.4696G	60.50	68.20	-7.70	51.75	3	Horizontal	228	2.66	-	34.00	5.47	30.72
PK	5.5076G	115.64	Inf	-Inf	106.86	3	Horizontal	228	2.66	-	34.00	5.51	30.73
AV	5.5072G	106.52	Inf	-Inf	97.74	3	Horizontal	228	2.66	-	34.00	5.51	30.73

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

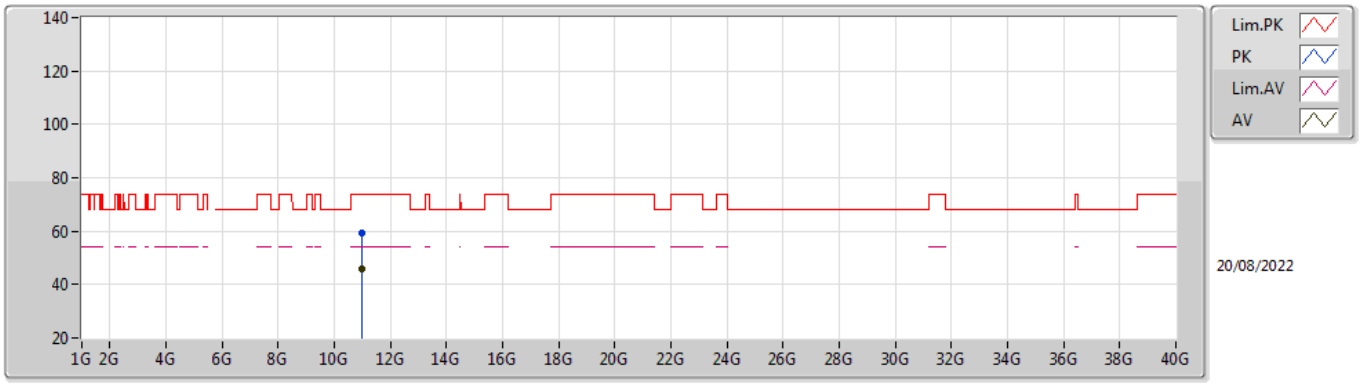


EUT Y_4TX
Setting 19.5
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.9997G	67.14	74.00	-6.86	52.76	3	Vertical	195	1.70	-	38.60	7.70	31.92
AV	11.00012G	53.98	54.00	-0.02	39.60	3	Vertical	195	1.70	-	38.60	7.70	31.92

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

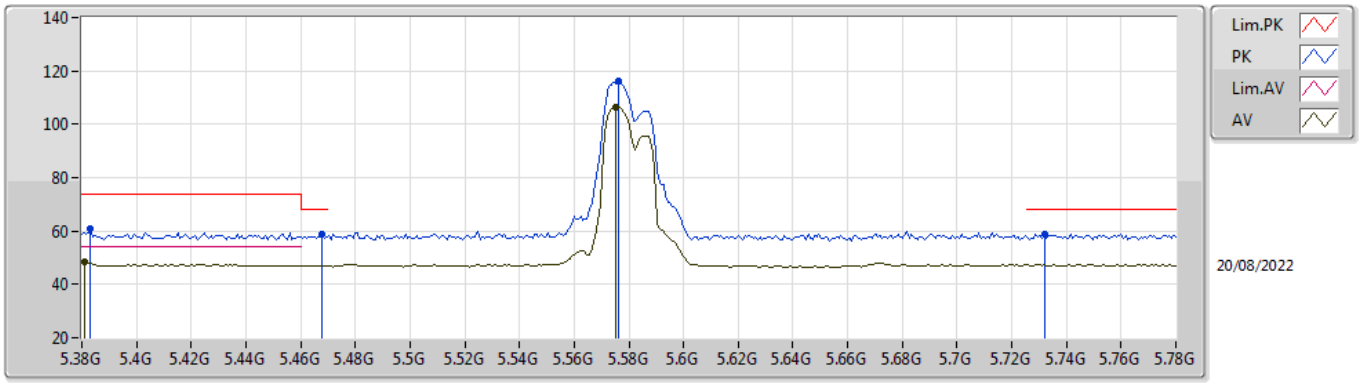


EUT Y_4TX
Setting 19.5
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.00102G	59.45	74.00	-14.55	45.07	3	Horizontal	48	2.50	-	38.60	7.70	31.92
AV	11.0018G	46.00	54.00	-8.00	31.62	3	Horizontal	48	2.50	-	38.60	7.70	31.92

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

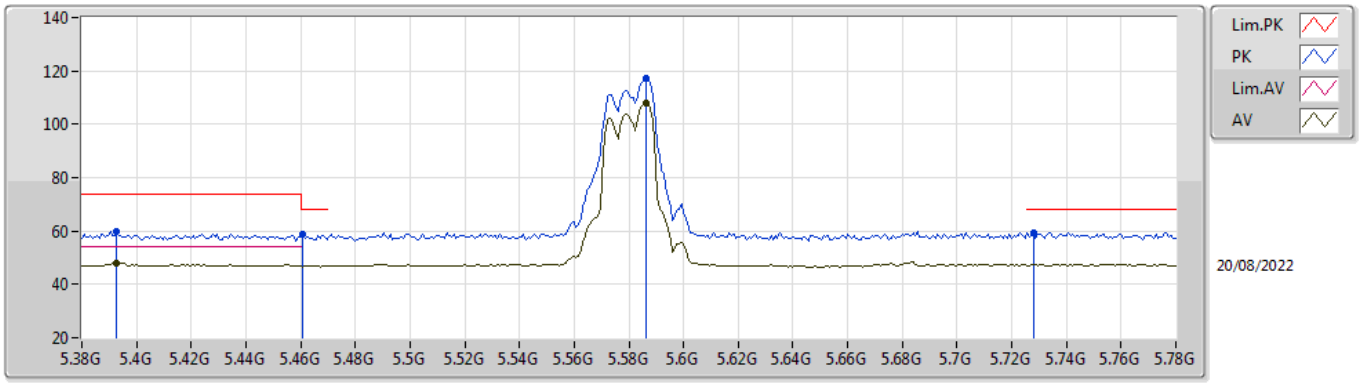


EUT Y_4TX
Setting 18
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3832G	60.76	74.00	-13.24	52.12	3	Vertical	195	2.93	-	33.97	5.39	30.72
AV	5.3808G	48.35	54.00	-5.65	39.72	3	Vertical	195	2.93	-	33.96	5.39	30.72
PK	5.468G	58.79	68.20	-9.41	50.04	3	Vertical	195	2.93	-	34.00	5.47	30.72
PK	5.576G	116.03	Inf	-Inf	107.28	3	Vertical	195	2.93	-	33.95	5.58	30.78
AV	5.5752G	106.63	Inf	-Inf	97.88	3	Vertical	195	2.93	-	33.95	5.58	30.78
PK	5.732G	58.96	68.20	-9.24	50.42	3	Vertical	195	2.93	-	33.84	5.60	30.90

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

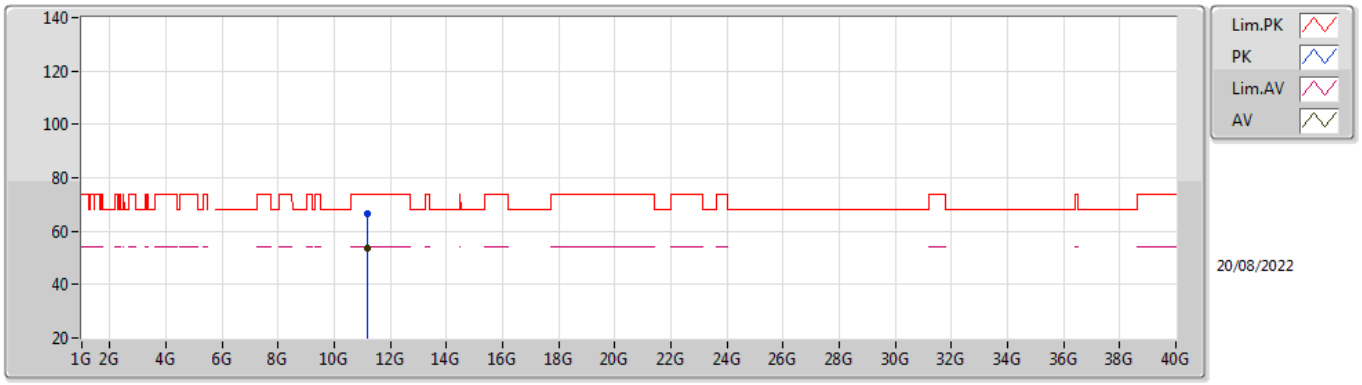


EUT Y_4TX
Setting 18
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3928G	59.65	74.00	-14.35	50.98	3	Horizontal	225	2.36	-	33.99	5.40	30.72
AV	5.3928G	48.16	54.00	-5.84	39.49	3	Horizontal	225	2.36	-	33.99	5.40	30.72
PK	5.4608G	58.76	68.20	-9.44	50.02	3	Horizontal	225	2.36	-	34.00	5.46	30.72
PK	5.5864G	117.14	Inf	-Inf	108.41	3	Horizontal	225	2.36	-	33.93	5.59	30.79
AV	5.5864G	107.76	Inf	-Inf	99.03	3	Horizontal	225	2.36	-	33.93	5.59	30.79
PK	5.728G	59.55	68.20	-8.65	51.00	3	Horizontal	225	2.36	-	33.84	5.60	30.89

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

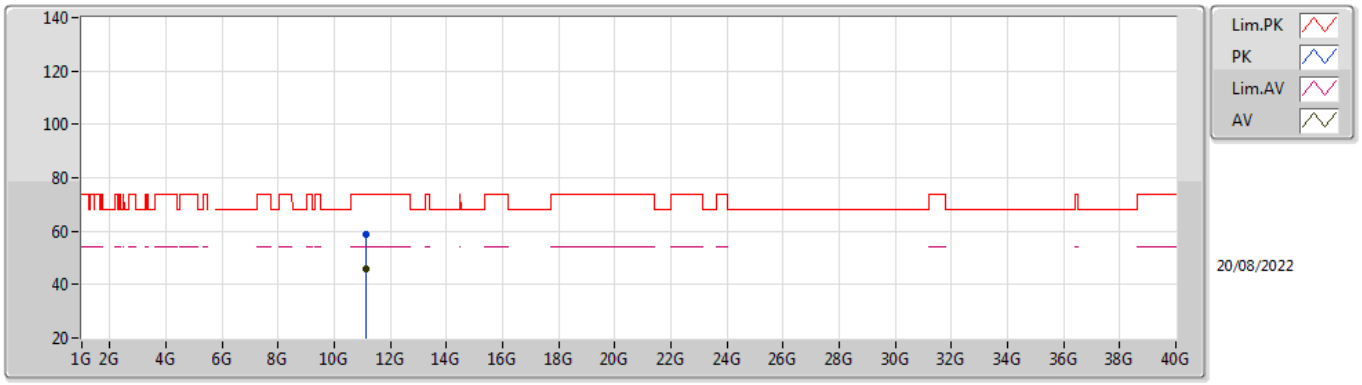


EUT Y_4TX
Setting 18
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15634G	66.64	74.00	-7.36	52.10	3	Vertical	205	1.79	-	38.76	7.76	31.98
AV	11.15808G	53.80	54.00	-0.20	39.26	3	Vertical	205	1.79	-	38.76	7.76	31.98

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

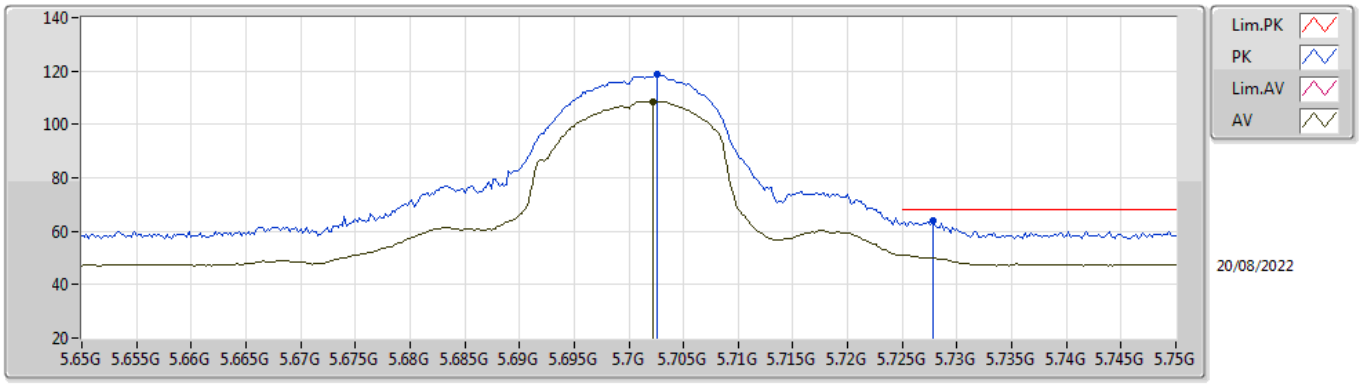


EUT Y_4TX
Setting 18
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15448G	59.04	74.00	-14.96	44.51	3	Horizontal	202	1.80	-	38.75	7.76	31.98
AV	11.15364G	45.79	54.00	-8.21	31.26	3	Horizontal	202	1.80	-	38.75	7.76	31.98

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

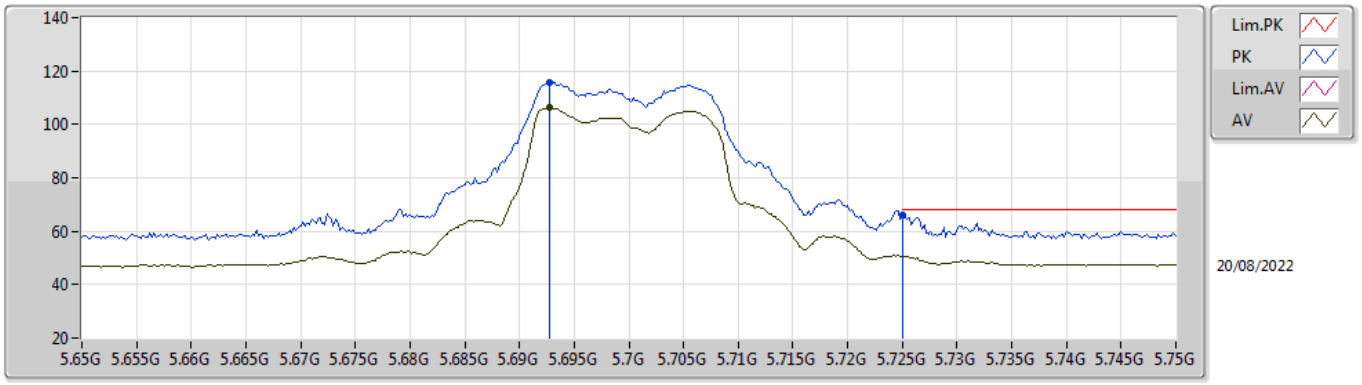


EUT Y_4TX
Setting 20
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7026G	118.74	Inf	-Inf	110.12	3	Vertical	285	1.78	-	33.89	5.60	30.87
AV	5.7022G	108.62	Inf	-Inf	99.99	3	Vertical	285	1.78	-	33.90	5.60	30.87
PK	5.7278G	63.98	68.20	-4.22	55.43	3	Vertical	285	1.78	-	33.84	5.60	30.89

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

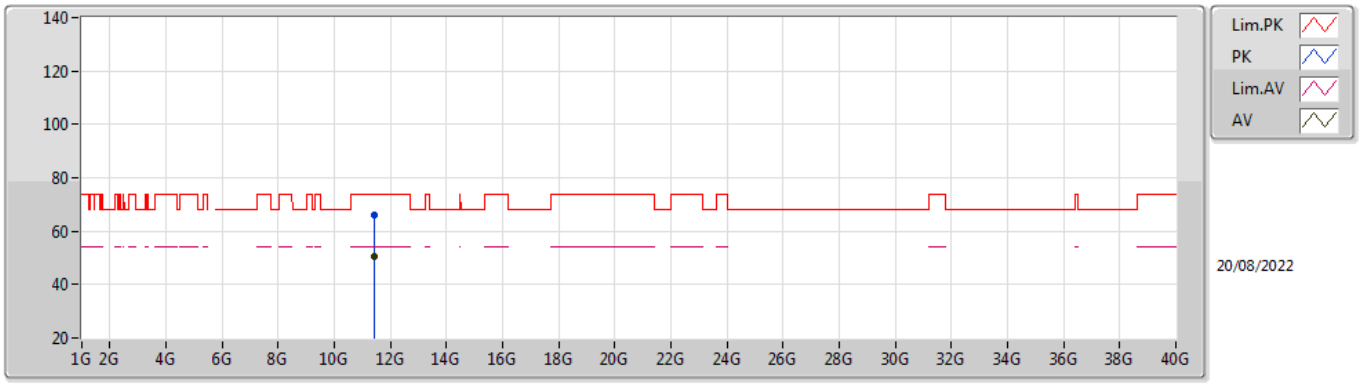


EUT Y_4TX
Setting 20
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6928G	115.94	Inf	-Inf	107.32	3	Horizontal	323	1.99	-	33.89	5.60	30.87
AV	5.6928G	106.33	Inf	-Inf	97.71	3	Horizontal	323	1.99	-	33.89	5.60	30.87
PK	5.725G	66.22	68.20	-1.98	57.66	3	Horizontal	323	1.99	-	33.85	5.60	30.89

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

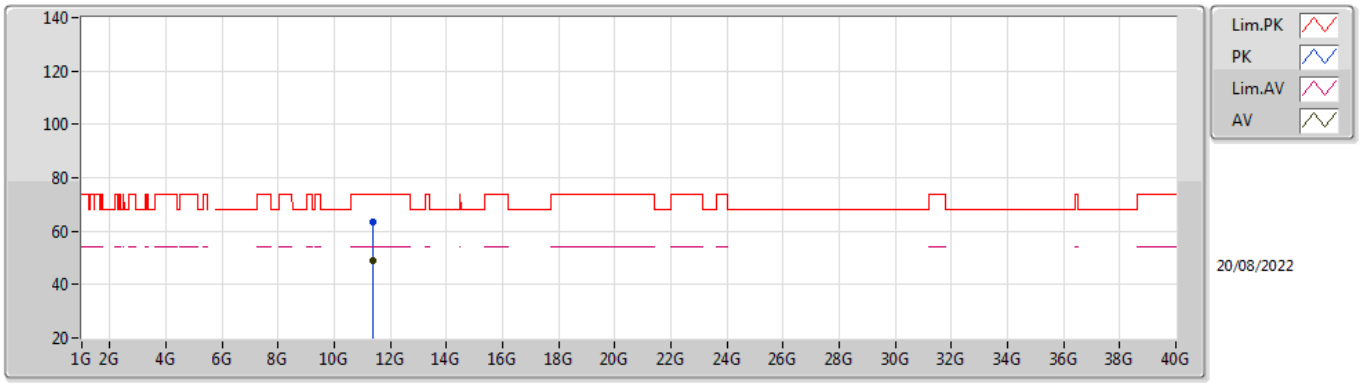


EUT Y_4TX
Setting 20
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.40216G	65.83	74.00	-8.17	51.25	3	Vertical	162	1.82	-	38.80	7.86	32.08
AV	11.40198G	50.75	54.00	-3.25	36.17	3	Vertical	162	1.82	-	38.80	7.86	32.08

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

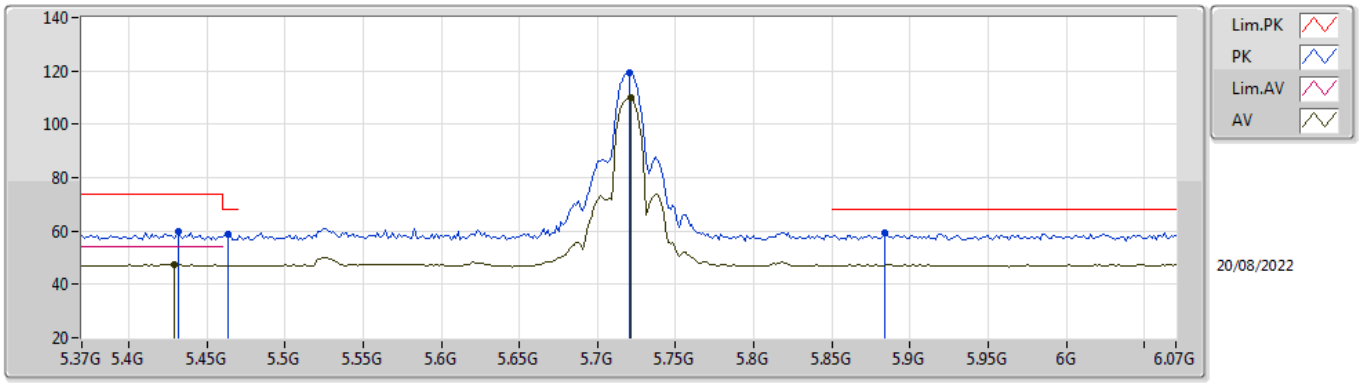


EUT Y_4TX
Setting 20
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.3988G	63.60	74.00	-10.40	49.02	3	Horizontal	132	1.87	-	38.80	7.86	32.08
AV	11.39862G	48.90	54.00	-5.10	34.32	3	Horizontal	132	1.87	-	38.80	7.86	32.08

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

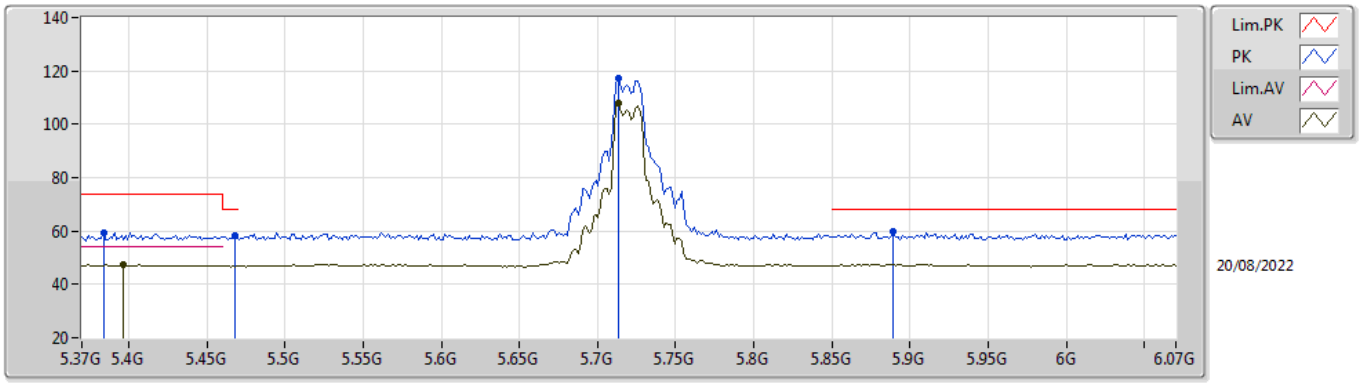


EUT Y_4TX
Setting 22
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4316G	59.64	74.00	-14.36	50.93	3	Vertical	285	1.53	-	34.00	5.43	30.72
AV	5.4288G	47.54	54.00	-6.46	38.83	3	Vertical	285	1.53	-	34.00	5.43	30.72
PK	5.4638G	58.70	68.20	-9.50	49.96	3	Vertical	285	1.53	-	34.00	5.46	30.72
PK	5.72G	119.50	Inf	-Inf	110.93	3	Vertical	285	1.53	-	33.86	5.60	30.89
AV	5.7214G	110.01	Inf	-Inf	101.44	3	Vertical	285	1.53	-	33.86	5.60	30.89
PK	5.8838G	59.08	68.20	-9.12	50.41	3	Vertical	285	1.53	-	34.00	5.68	31.01

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

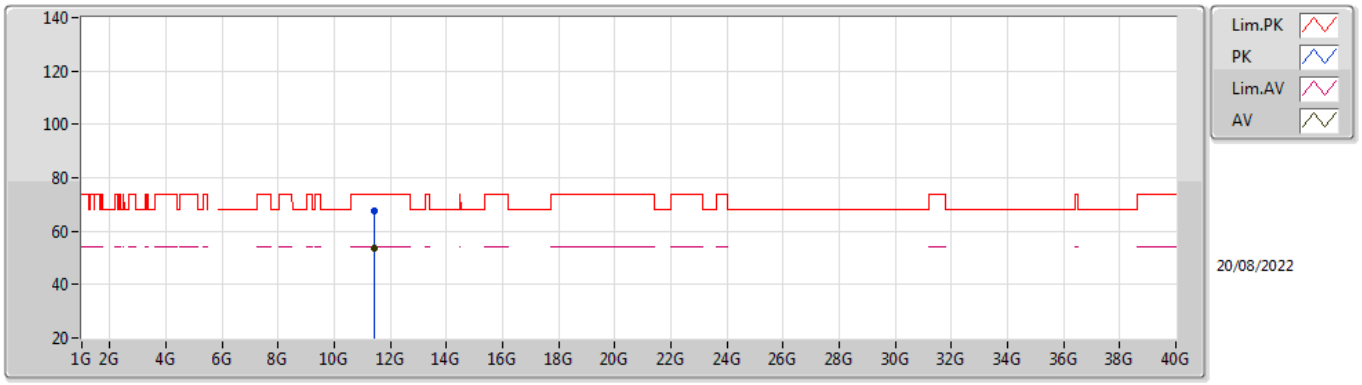


EUT Y_4TX
Setting 22
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.384G	59.35	74.00	-14.65	50.71	3	Horizontal	326	1.98	-	33.97	5.39	30.72
AV	5.3966G	47.29	54.00	-6.71	38.62	3	Horizontal	326	1.98	-	33.99	5.40	30.72
PK	5.468G	58.05	68.20	-10.15	49.30	3	Horizontal	326	1.98	-	34.00	5.47	30.72
PK	5.713G	117.24	Inf	-Inf	108.65	3	Horizontal	326	1.98	-	33.87	5.60	30.88
AV	5.713G	107.88	Inf	-Inf	99.29	3	Horizontal	326	1.98	-	33.87	5.60	30.88
PK	5.8894G	59.92	68.20	-8.28	51.21	3	Horizontal	326	1.98	-	34.04	5.69	31.02

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

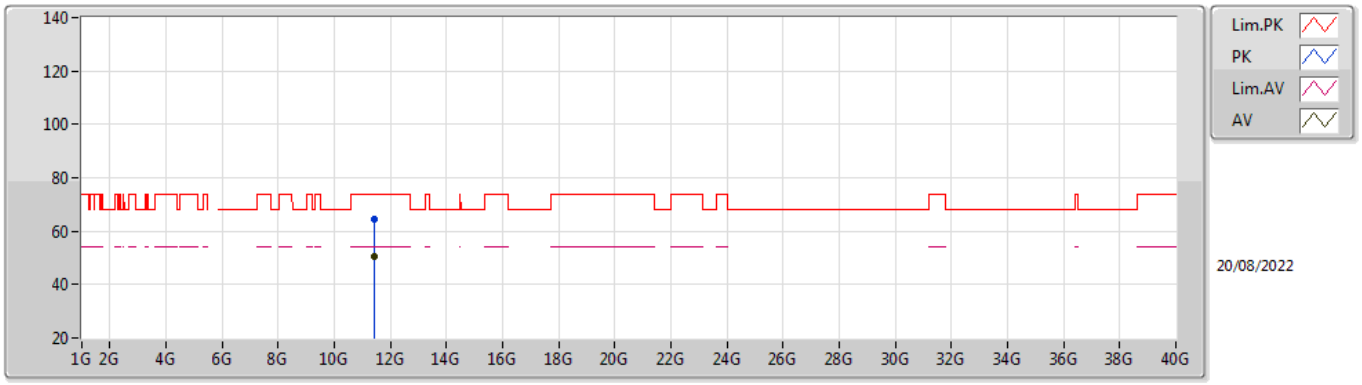


EUT Y_4TX
Setting 22
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.44222G	67.76	74.00	-6.24	53.10	3	Vertical	205	2.06	-	38.88	7.88	32.10
AV	11.44174G	53.55	54.00	-0.45	38.89	3	Vertical	205	2.06	-	38.88	7.88	32.10

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

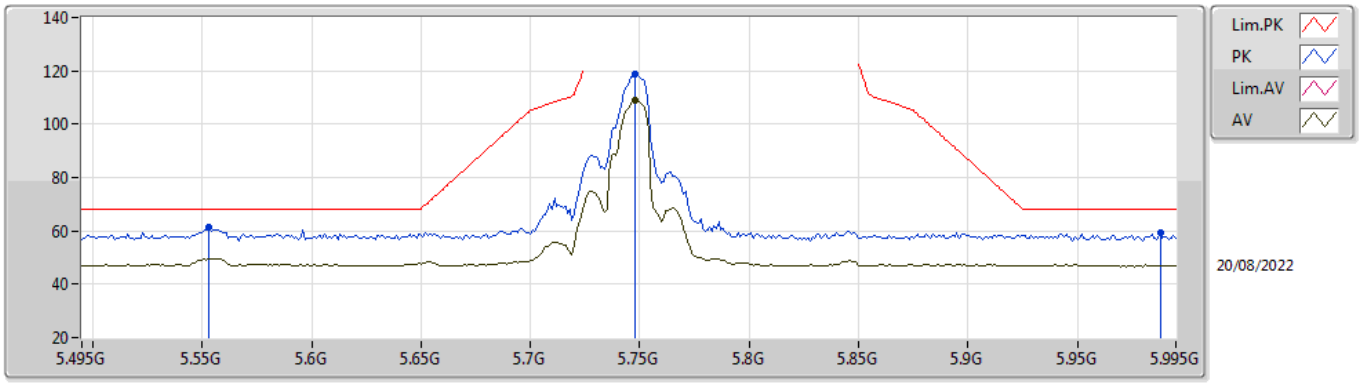


EUT Y_4TX
Setting 22
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4391G	64.68	74.00	-9.32	50.02	3	Horizontal	130	1.80	-	38.88	7.88	32.10
AV	11.43802G	50.36	54.00	-3.64	35.70	3	Horizontal	130	1.80	-	38.88	7.88	32.10

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

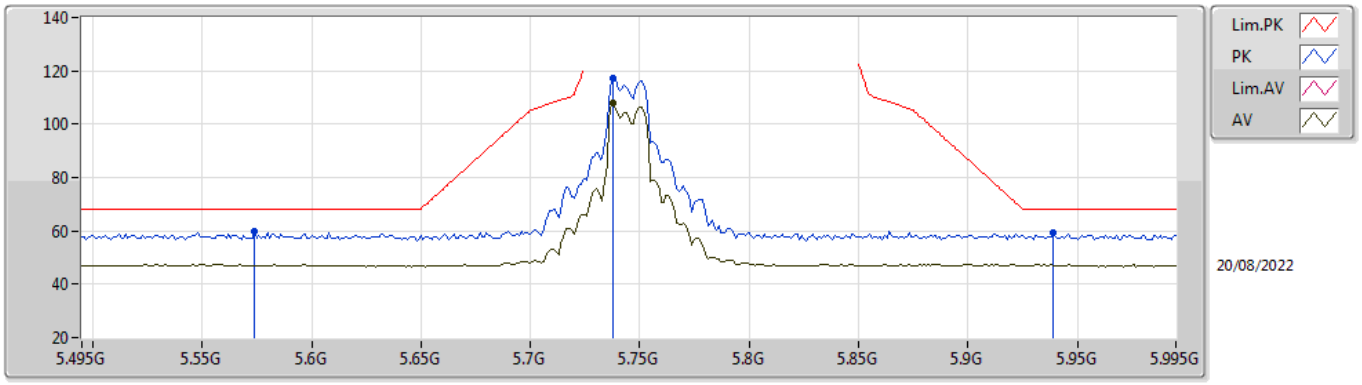


EUT Y_4TX
Setting 21.5
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.553G	61.46	68.20	-6.74	52.68	3	Vertical	280	2.05	-	33.99	5.55	30.76
PK	5.748G	118.69	Inf	-Inf	110.20	3	Vertical	280	2.05	-	33.80	5.60	30.91
AV	5.748G	109.17	Inf	-Inf	100.68	3	Vertical	280	2.05	-	33.80	5.60	30.91
PK	5.988G	59.31	68.20	-8.89	50.41	3	Vertical	280	2.05	-	34.20	5.79	31.09

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

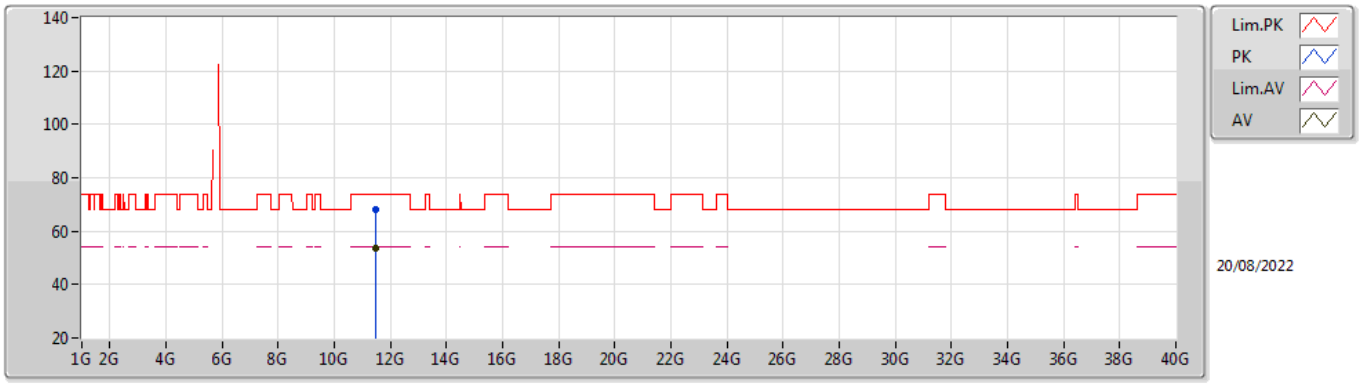


EUT Y_4TX
Setting 21.5
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.574G	59.62	68.20	-8.58	50.88	3	Horizontal	327	1.94	-	33.95	5.57	30.78
PK	5.738G	117.30	Inf	-Inf	108.78	3	Horizontal	327	1.94	-	33.82	5.60	30.90
AV	5.738G	108.04	Inf	-Inf	99.52	3	Horizontal	327	1.94	-	33.82	5.60	30.90
PK	5.939G	59.09	68.20	-9.11	50.22	3	Horizontal	327	1.94	-	34.18	5.74	31.05

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

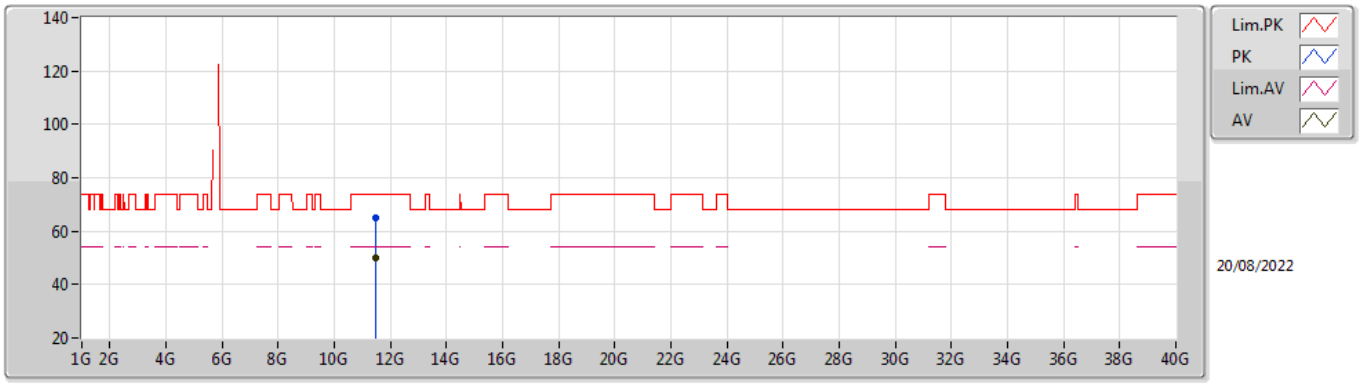


EUT Y_4TX
Setting 21.5
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49234G	67.89	74.00	-6.11	53.13	3	Vertical	200	1.80	-	38.98	7.90	32.12
AV	11.49018G	53.60	54.00	-0.40	38.84	3	Vertical	200	1.80	-	38.98	7.90	32.12

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

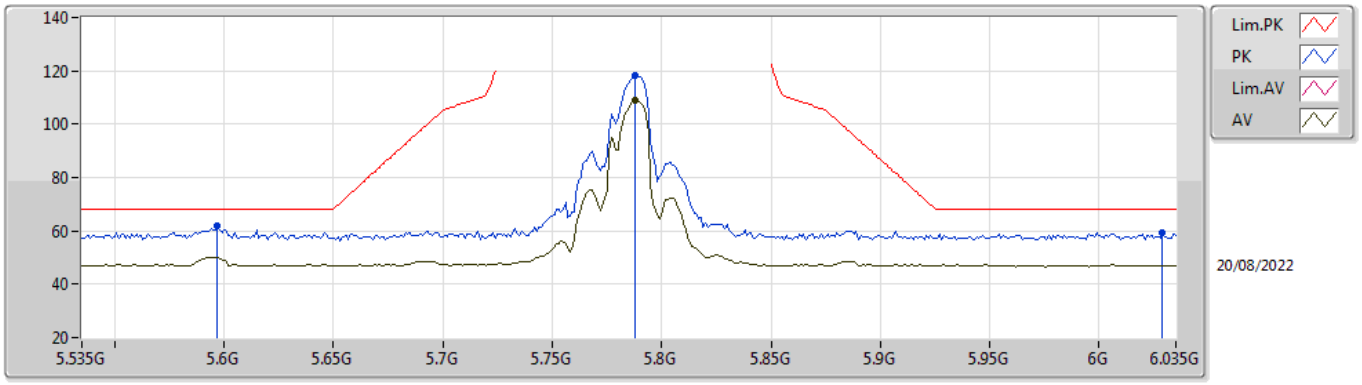


EUT Y_4TX
Setting 21.5
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49246G	64.94	74.00	-9.06	50.18	3	Horizontal	332	1.80	-	38.98	7.90	32.12
AV	11.49168G	50.03	54.00	-3.97	35.27	3	Horizontal	332	1.80	-	38.98	7.90	32.12

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

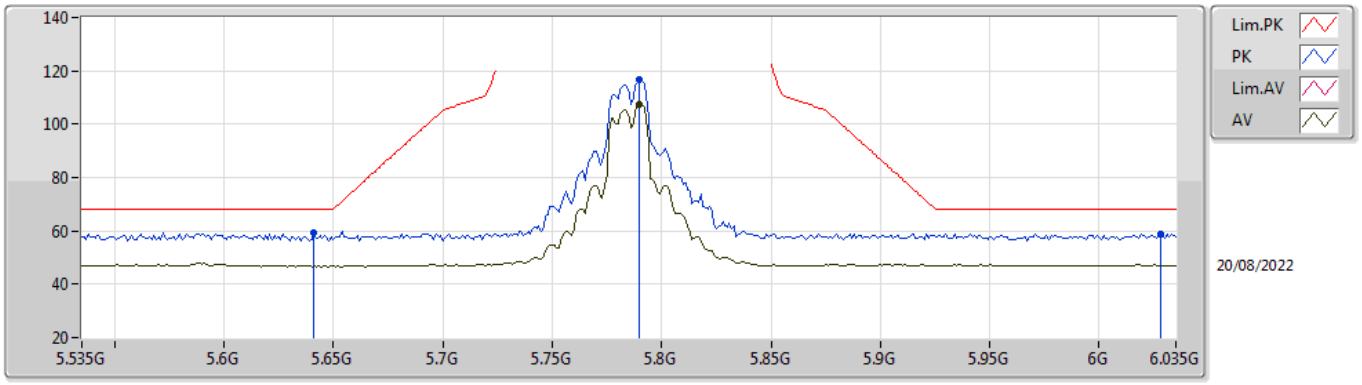


EUT Y_4TX
Setting 22
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.597G	61.83	68.20	-6.37	53.11	3	Vertical	290	1.81	-	33.91	5.60	30.79
PK	5.788G	118.53	Inf	-Inf	110.07	3	Vertical	290	1.81	-	33.80	5.60	30.94
AV	5.788G	109.16	Inf	-Inf	100.70	3	Vertical	290	1.81	-	33.80	5.60	30.94
PK	6.029G	59.49	68.20	-8.71	50.54	3	Vertical	290	1.81	-	34.26	5.80	31.11

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

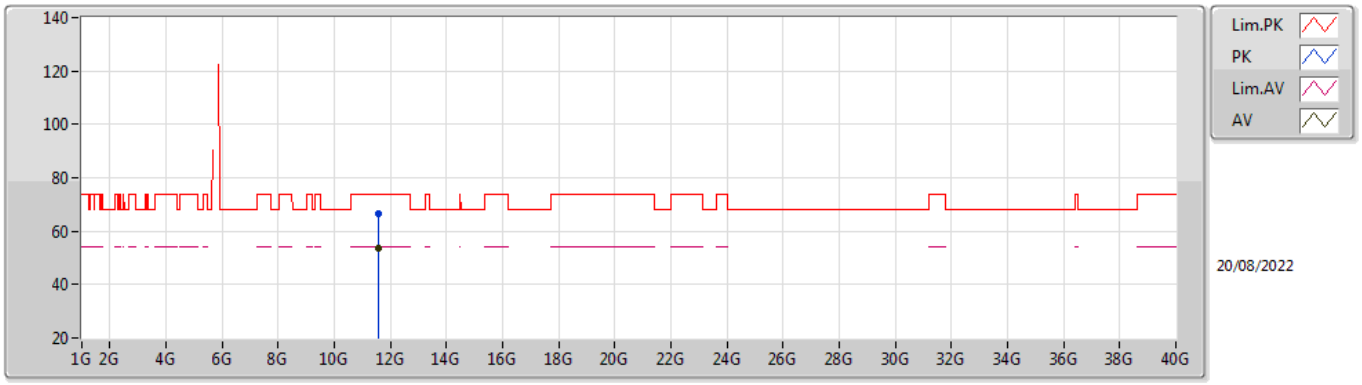


EUT Y_4TX
Setting 22
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.641G	59.30	68.20	-8.90	50.71	3	Horizontal	352	1.85	-	33.82	5.60	30.83
PK	5.79G	116.69	Inf	-Inf	108.23	3	Horizontal	352	1.85	-	33.80	5.60	30.94
AV	5.79G	107.65	Inf	-Inf	99.19	3	Horizontal	352	1.85	-	33.80	5.60	30.94
PK	6.028G	59.04	68.20	-9.16	50.09	3	Horizontal	352	1.85	-	34.26	5.80	31.11

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

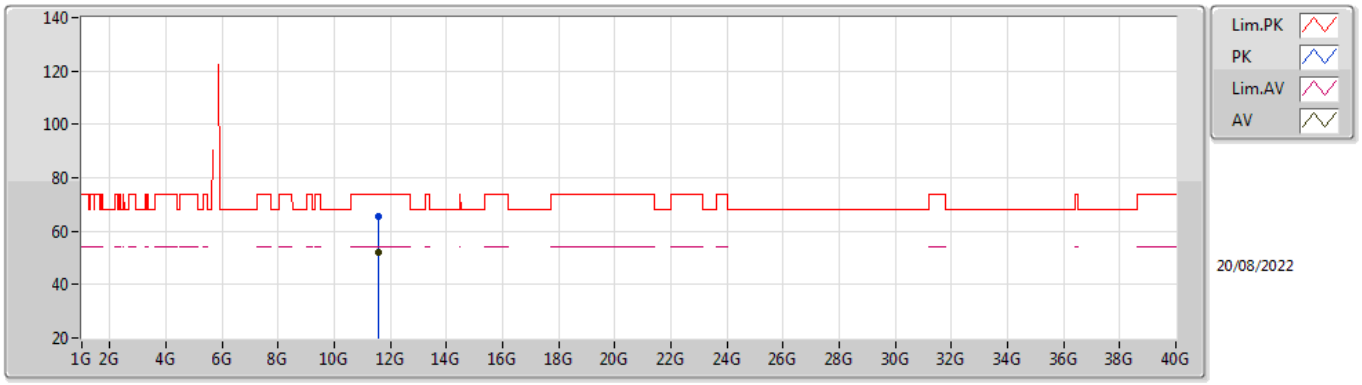


EUT Y_4TX
Setting 22
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5724G	66.74	74.00	-7.26	51.75	3	Vertical	200	2.08	-	39.22	7.93	32.16
AV	11.57006G	53.53	54.00	-0.47	38.55	3	Vertical	200	2.08	-	39.21	7.93	32.16

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

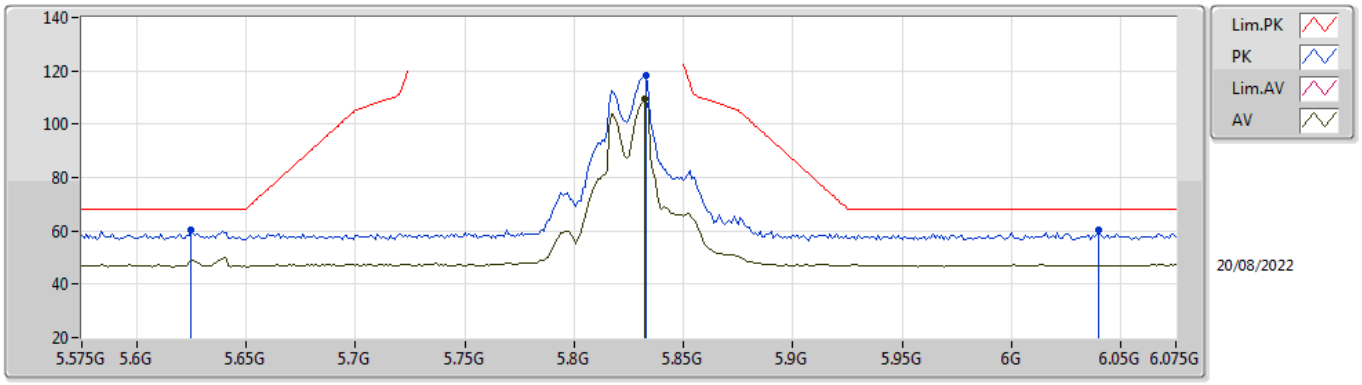


EUT Y_4TX
Setting 22
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56952G	65.62	74.00	-8.38	50.64	3	Horizontal	291	1.22	-	39.21	7.93	32.16
AV	11.57012G	52.24	54.00	-1.76	37.26	3	Horizontal	291	1.22	-	39.21	7.93	32.16

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

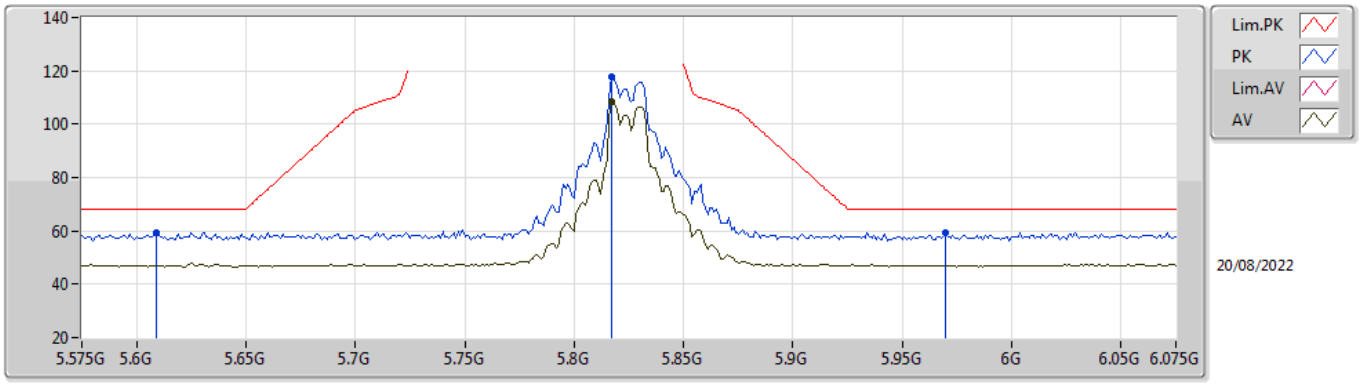


EUT Y_4TX
Setting 22
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.625G	60.48	68.20	-7.72	51.84	3	Vertical	190	1.80	-	33.85	5.60	30.81
PK	5.833G	118.47	Inf	-Inf	110.01	3	Vertical	190	1.80	-	33.80	5.63	30.97
AV	5.832G	109.34	Inf	-Inf	100.88	3	Vertical	190	1.80	-	33.80	5.63	30.97
PK	6.04G	60.36	68.20	-7.84	51.39	3	Vertical	190	1.80	-	34.28	5.80	31.11

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

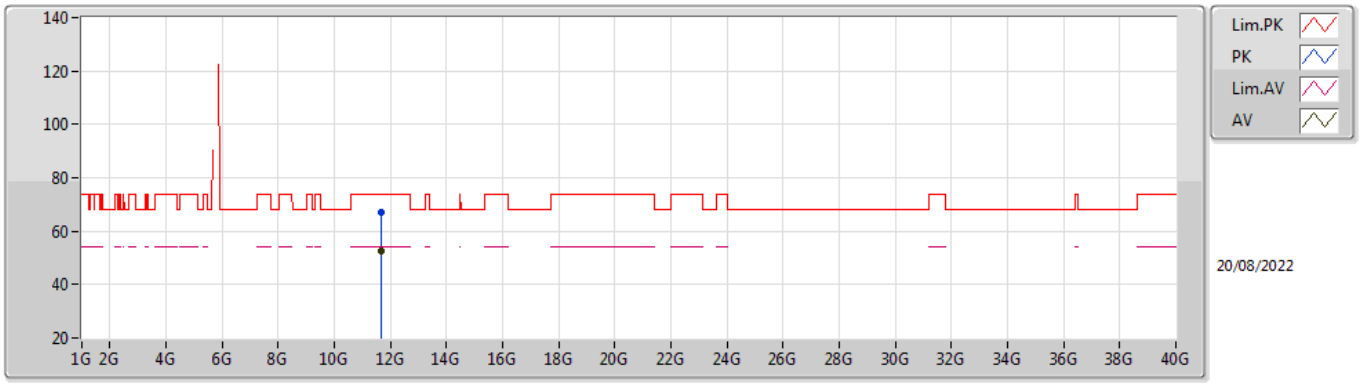


EUT Y_4TX
Setting 22
02-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.609G	59.56	68.20	-8.64	50.88	3	Horizontal	349	2.89	-	33.88	5.60	30.80
PK	5.817G	117.68	Inf	-Inf	109.22	3	Horizontal	349	2.89	-	33.80	5.62	30.96
AV	5.817G	108.50	Inf	-Inf	100.04	3	Horizontal	349	2.89	-	33.80	5.62	30.96
PK	5.97G	59.24	68.20	-8.96	50.35	3	Horizontal	349	2.89	-	34.20	5.77	31.08

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

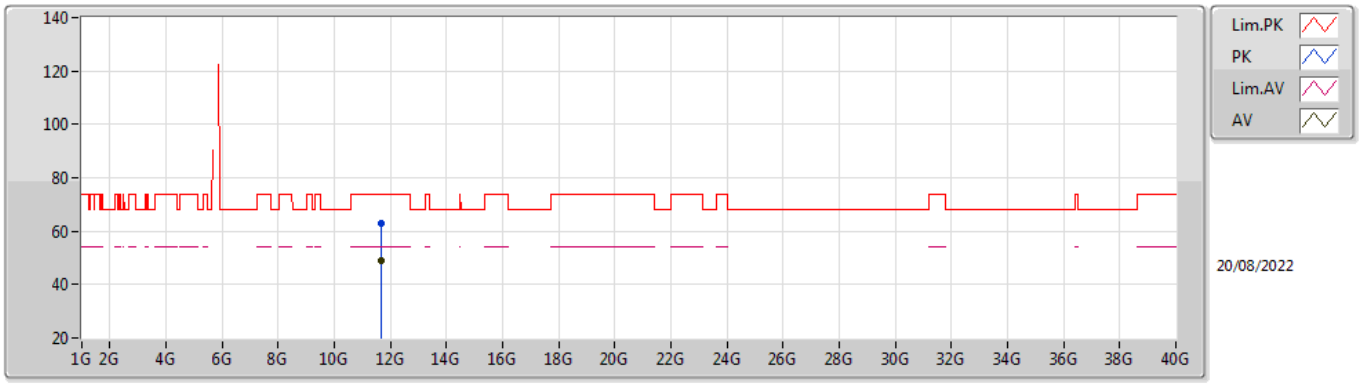


EUT Y_4TX
Setting 22
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64814G	67.20	74.00	-6.80	52.05	3	Vertical	143	1.55	-	39.40	7.96	32.21
AV	11.6488G	52.82	54.00	-1.18	37.67	3	Vertical	143	1.55	-	39.40	7.96	32.21

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

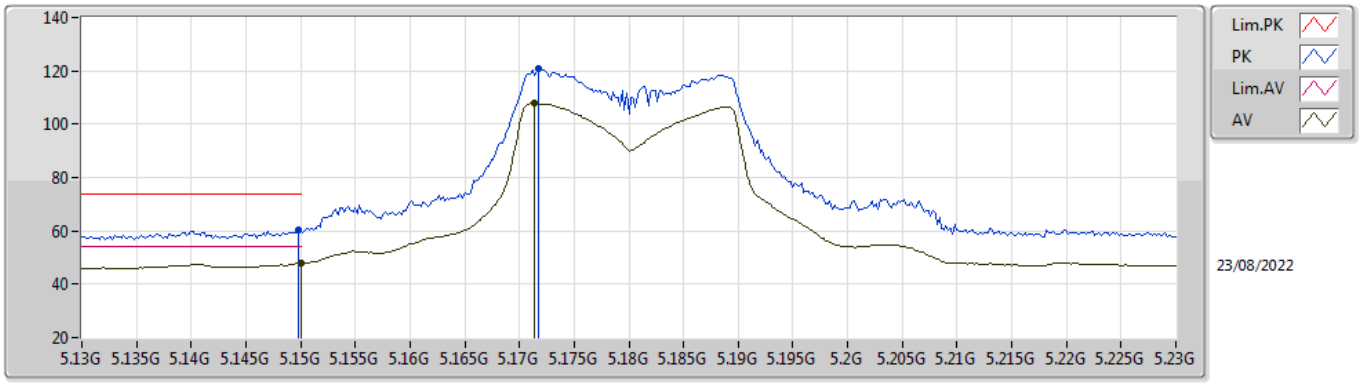


EUT Y_4TX
Setting 22
02-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.66044G	63.08	74.00	-10.92	47.91	3	Horizontal	132	1.80	-	39.42	7.96	32.21
AV	11.6581G	49.02	54.00	-4.98	33.85	3	Horizontal	132	1.80	-	39.42	7.96	32.21

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

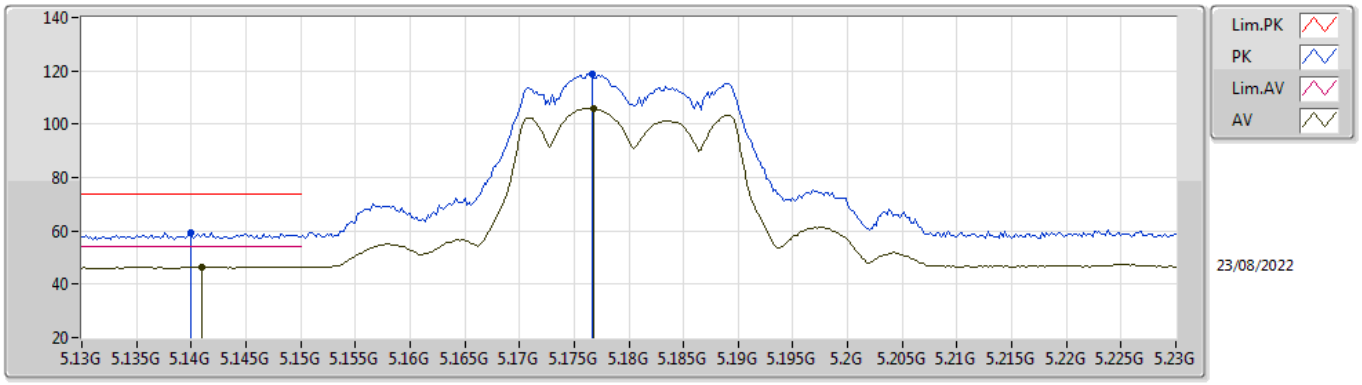


EUT Y_4TX
Setting 19
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1498G	60.41	74.00	-13.59	52.29	3	Vertical	215	2.00	-	33.60	5.25	30.73
AV	5.15G	47.80	54.00	-6.20	39.68	3	Vertical	215	2.00	-	33.60	5.25	30.73
PK	5.1718G	120.87	Inf	-Inf	112.69	3	Vertical	215	2.00	-	33.64	5.27	30.73
AV	5.1714G	107.77	Inf	-Inf	99.59	3	Vertical	215	2.00	-	33.64	5.27	30.73

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

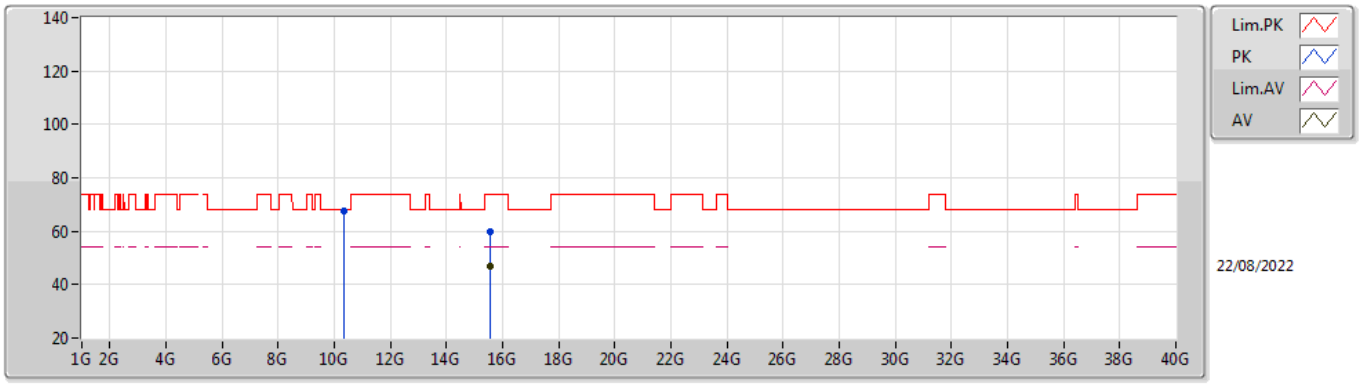


EUT Y_4TX
Setting 19
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.14G	59.39	74.00	-14.61	51.30	3	Horizontal	84	2.19	-	33.58	5.24	30.73
AV	5.141G	46.62	54.00	-7.38	38.53	3	Horizontal	84	2.19	-	33.58	5.24	30.73
PK	5.1766G	118.93	Inf	-Inf	110.73	3	Horizontal	84	2.19	-	33.65	5.28	30.73
AV	5.1768G	105.80	Inf	-Inf	97.60	3	Horizontal	84	2.19	-	33.65	5.28	30.73

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

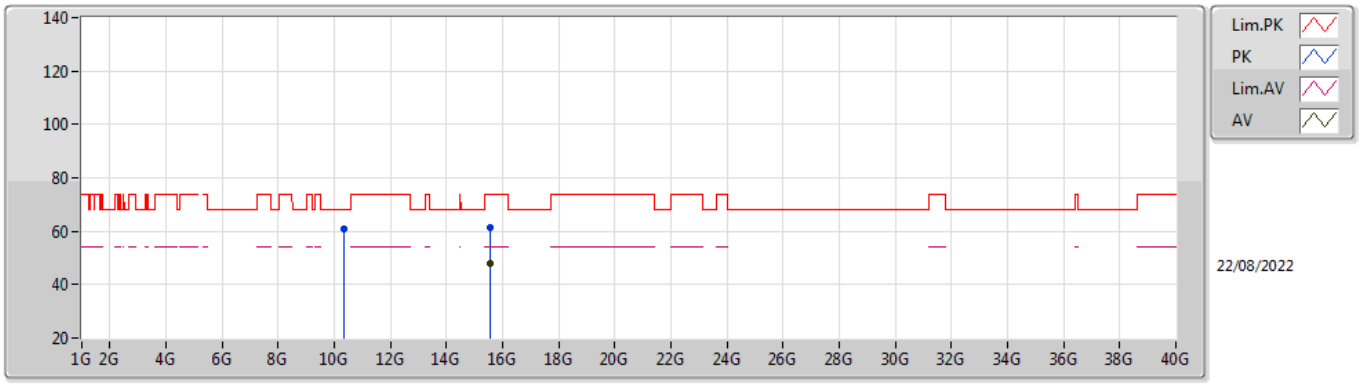


EUT Y_4TX
Setting 19
02-F-G-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35742G	67.74	68.20	-0.46	53.49	3	Vertical	200	1.82	-	38.64	7.44	31.83
PK	15.54378G	59.92	74.00	-14.08	43.64	3	Vertical	197	2.98	-	37.84	9.79	31.35
AV	15.54486G	46.69	54.00	-7.31	30.41	3	Vertical	197	2.98	-	37.83	9.80	31.35

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom



EUT Y_4TX
Setting 19
02-F-G-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35478G	60.67	68.20	-7.53	46.41	3	Horizontal	188	1.79	-	38.65	7.44	31.83
PK	15.5349G	61.37	74.00	-12.63	45.04	3	Horizontal	303	2.41	-	37.89	9.79	31.35
AV	15.53658G	47.71	54.00	-6.29	31.39	3	Horizontal	303	2.41	-	37.88	9.79	31.35