Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	2AHKM-CODA45893A
Equipment	:	DOCSIS 3.1 WiFi Emta
Brand Name	:	Hitron
Model Name	:	CODA-4589, CODA-4582
Applicant	:	Hitron Technologies Inc. No. 1-8, Li-Hsin 1st Rd. Hsinchu Science Park, Hsinchu 30078, Taiwan
Manufacturer	:	Hitron Technologies Inc. No. 1-8, Li-Hsin 1st Rd. Hsinchu Science Park, Hsinchu 30078, Taiwan
Standard	:	47 CFR FCC Part 15.407

The product was received on Nov. 26, 2021, and testing was started from Mar. 04, 2022 and completed on Apr. 28, 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
FR1N2619AB	01	Initial issue of report	Jun. 02, 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: Viola Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	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)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4
5.15-5.25GHz	802.11n HT20	20	4
5.15-5.25GHz	802.11n HT20-BF	20	4
5.15-5.25GHz	802.11ac VHT20	20	4
5.15-5.25GHz	802.11ac VHT20-BF	20	4
5.15-5.25GHz	802.11n HT40	40	4
5.15-5.25GHz	802.11n HT40-BF	40	4
5.15-5.25GHz	802.11ac VHT40	40	4
5.15-5.25GHz	802.11ac VHT40-BF	40	4
5.15-5.25GHz	802.11ac VHT80	80	4
5.15-5.25GHz	802.11ac VHT80-BF	80	4
5.25-5.35GHz	802.11a	20	4
5.25-5.35GHz	802.11n HT20	20	4
5.25-5.35GHz	802.11n HT20-BF	20	4
5.25-5.35GHz	802.11ac VHT20	20	4
5.25-5.35GHz	802.11ac VHT20-BF	20	4
5.25-5.35GHz	802.11n HT40	40	4
5.25-5.35GHz	802.11n HT40-BF	40	4

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

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

1.1.2 Antenna Information

Ant.	2.4GHz	5GHz	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	-	Airgain	M2420SLO-T10-B50U	PCB Antenna	I-PEX	Note 1
2	2	-	Airgain	M2410CM-T6-B115UR1	PCB Antenna	I-PEX	
3	3	-	Airgain	M2420SLO-T6-B85U	PCB Antenna	I-PEX	
4	-	1	Airgain	M5X05C-T6-G120UR2	PCB Antenna	I-PEX	
5	-	2	Airgain	M5X05C-T6-G110UR3	PCB Antenna	I-PEX	
6	-	3	Airgain	M5X05C-T6-G40UR2	PCB Antenna	I-PEX	
7	-	4	Airgain	M5X05C-T6-G60UR1	PCB Antenna	I-PEX	

Note 1:

Ant.	Antenna Gain (dBi)						
	WLAN 2.4GHz			WLAN 5GHz			
	2.4GHz	2.45GHz	2.4835GHz	UNII 1	UNII 2A	UNII 2C	UNII 3
1	3.8	4.29	4.5	-	-	-	-
2	3.98	3.94	3.74	-	-	-	-
3	3.68	4.3	4.25	-	-	-	-
4	-	-	-	2.47	3.22	1.61	1.58
5	-	-	-	3.29	3.13	2.57	2.6
6	-	-	-	5.07	5.49	2.82	4.28
7	-	-	-	2.2	3.08	1.2	1.19

Ant.	Directional Gain (dBi)					
	WLAN 2.4GHz					
	2.4GHz		2.45GHz		2.4835GHz	
	3T1S	3T3S	3T1S	3T3S	3T1S	3T3S
1	5.48	1.27	5.67	1.43	5.28	1.52
2						
3						

Ant.	Directional Gain (dBi)											
	WLAN 5GHz											
	UNII 1			UNII 2A			UNII 2C			UNII 3		
	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S
4	6.43	5.07	1.26	6.54	5.49	1.6	5.68	2.82	0.32	5.98	4.28	0
5												
6												
7												

Note 2: The above information was declared by manufacturer.
Note 3: The EUT has seven antennas.
Note 4: The directional gain is measured which follows the procedure of KDB 662911 D03.
The antenna report is provided in the operational description for this application.

For 2.4GHz:

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

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

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

For 5GHz:

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

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

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

1.1.3 Mode Test Duty Cycle

For EUT 1

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.95	0.22	2.068m	1k
802.11ac VHT20	0.903	0.44	4.518m	300
802.11ac VHT40	0.83	0.81	2.2m	1k
802.11ac VHT80	0.858	0.67	3.06m	1k

For EUT 2

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.968	0.14	2.065m	1k
802.11ac VHT20	0.903	0.44	4.517m	300
802.11ac VHT40	0.806	0.94	2.199m	1k
802.11ac VHT80	0.85	0.71	3.023m	1k

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

1.1.4 EUT Operational Condition

EUT Power Type	Internal power supply			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 11n/VHT in 2.4GHz and 11n/11ac in 5GHz.			
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
Test Software Version	QRCT V3.0.295.0			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

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

Brand Name	Model Name	VOIP Function
Hitron	CODA-4589	V
	CODA-4582	X

Note 1: From the above models, model: CODA-4589 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.

1.1.6 Table of FEM Information

EUT	Source	2.4GHz		5GHz	
		Brand Name	Model Name	Brand Name	Model Name
1	Main	Richwave	RTC66226	Richwave	RTC7635
2	Second	Skyworks	SKY85340-11	Skyworks	SKY85735-11

Note 1: The above information was declared by manufacturer.

Note 2: FEM means Front End Module.

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	TH01-CB	Serway Lee	20.2~21.4 / 61~63	Mar. 08, 2022~Mar. 15, 2022
Radiated below 1GHz	03CH01-CB	Simmon Cheng	23.8~24.9 / 55~58	Mar. 04, 2022~Apr. 15, 2022
Radiated above 1GHz	03CH02-CB	Simmon Cheng	24.4~25.5 / 55~58	Mar. 04, 2022~Apr. 15, 2022
AC Conduction	CO01-CB	Peter Wu	21~22 / 56~58	Mar. 18, 2022~Apr. 28, 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)	4.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

For EUT 1

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	21.5
5200MHz	22
5240MHz	22
5260MHz	16
5300MHz	16.5
5320MHz	16.5
5500MHz	16.5
5580MHz	17
5700MHz	17.5
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
5745MHz	23
5785MHz	23
5825MHz	22.5
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5180MHz	22
5200MHz	22.5
5240MHz	22.5
5260MHz	16.5
5300MHz	17
5320MHz	17
5500MHz	17
5580MHz	17.5
5700MHz	18
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
5745MHz	23
5785MHz	23
5825MHz	22
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5190MHz	21.5
5230MHz	23
5270MHz	17.5
5310MHz	18

Mode	Power Setting
5510MHz	17
5550MHz	17.5
5670MHz	18
5710MHz Straddle 5.47-5.725GHz	18
5710MHz Straddle 5.725-5.85GHz	18
5755MHz	22
5795MHz	21.5
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5210MHz	18
5290MHz	17.5
5530MHz	17
5610MHz	17.5
5690MHz Straddle 5.47-5.725GHz	17.5
5690MHz Straddle 5.725-5.85GHz	17.5
5775MHz	19
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5180MHz	22
5200MHz	22.5
5240MHz	22.5
5260MHz	16.5
5300MHz	17
5320MHz	17
5500MHz	17
5580MHz	17.5
5700MHz	18
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
5745MHz	23
5785MHz	23
5825MHz	22
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5190MHz	21.5
5230MHz	23
5270MHz	17
5310MHz	17
5510MHz	17
5550MHz	17.5
5670MHz	18
5710MHz Straddle 5.47-5.725GHz	18
5710MHz Straddle 5.725-5.85GHz	18

Mode	Power Setting
5755MHz	22
5795MHz	21.5
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5210MHz	18
5290MHz	17
5530MHz	17
5610MHz	17.5
5690MHz Straddle 5.47-5.725GHz	17.5
5690MHz Straddle 5.725-5.85GHz	17.5
5775MHz	19

For EUT 2

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	20.5
5200MHz	22.5
5240MHz	22.5
5260MHz	16
5300MHz	16
5320MHz	16
5500MHz	17.5
5580MHz	17.5
5700MHz	18
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
5745MHz	20.5
5785MHz	22
5825MHz	21
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5180MHz	21
5200MHz	22.5
5240MHz	22.5
5260MHz	16.5
5300MHz	16
5320MHz	16
5500MHz	17.5
5580MHz	18
5700MHz	18
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5

Mode	Power Setting
5745MHz	20.5
5785MHz	23
5825MHz	23
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5190MHz	19
5230MHz	22.5
5270MHz	17.5
5310MHz	17
5510MHz	18
5550MHz	18
5670MHz	18.5
5710MHz Straddle 5.47-5.725GHz	18
5710MHz Straddle 5.725-5.85GHz	18
5755MHz	22
5795MHz	23
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5210MHz	16.5
5290MHz	15
5530MHz	17
5610MHz	18.5
5690MHz Straddle 5.47-5.725GHz	18
5690MHz Straddle 5.725-5.85GHz	18
5775MHz	19
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5180MHz	21
5200MHz	22.5
5240MHz	22.5
5260MHz	16.5
5300MHz	16
5320MHz	16
5500MHz	17.5
5580MHz	18
5700MHz	18
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
5745MHz	20.5
5785MHz	23
5825MHz	23
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5190MHz	19

Mode	Power Setting
5230MHz	22.5
5270MHz	17
5310MHz	16.5
5510MHz	18
5550MHz	18
5670MHz	18.5
5710MHz Straddle 5.47-5.725GHz	18
5710MHz Straddle 5.725-5.85GHz	18
5755MHz	22
5795MHz	23
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5210MHz	16.5
5290MHz	15
5530MHz	17
5610MHz	18.5
5690MHz Straddle 5.47-5.725GHz	18
5690MHz Straddle 5.725-5.85GHz	18
5775MHz	19

Note:
- Evaluated VHT20/VHT40/VHT80 mode only due to the similar modulation. The power setting of HT20/HT40 mode are the same or lower than VHT20/VHT40/VHT80.
- The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

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	CTX
1	EUT 1 + 2.4GHz
2	EUT 2 + 2.4GHz
3	EUT 1 + 5GHz
4	EUT 2 + 5GHz
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum 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	CTX
	For EUT 1 and EUT 2_2.4GHz The EUT was performed at X axis, Y axis and Z axis position for Radiated Emissions in Restricted Frequency Bands above 1GHz harmonic test, and the worst case was found at Y axis. So the measurement will follow this same test configuration. For EUT 1_5GHz The EUT was performed at X axis, Y axis and Z axis position for Unwanted Emissions above 1GHz test, and the worst case was found at Y axis. So the measurement will follow this same test configuration. For EUT 2_5GHz The EUT was performed at X axis, Y axis and Z axis position for Unwanted Emissions above 1GHz test, and the worst case was found at Z axis. So the measurement will follow this same test configuration.
1	EUT 1 in Y axis + 2.4GHz
2	EUT 2 in Y axis + 2.4GHz
3	EUT 1 in Y axis + 5GHz
4	EUT 2 in Z axis + 5GHz
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	For EUT 1 The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Y axis. So the measurement will follow this same test configuration. For EUT 2 The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Z axis. So the measurement will follow this same test configuration.
1	EUT 1 in Y axis + 5GHz
2	EUT 2 in Z axis + 5GHz

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT1 - WLAN 2.4GHz + WLAN 5GHz
2	EUT2 - WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA1N2619 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

Accessories
Power cable*1: Non-shielded, 1.2m
RJ-45 cable*1: Non-shielded, 1.5m

2.5 Support Equipment

For AC Conduction:

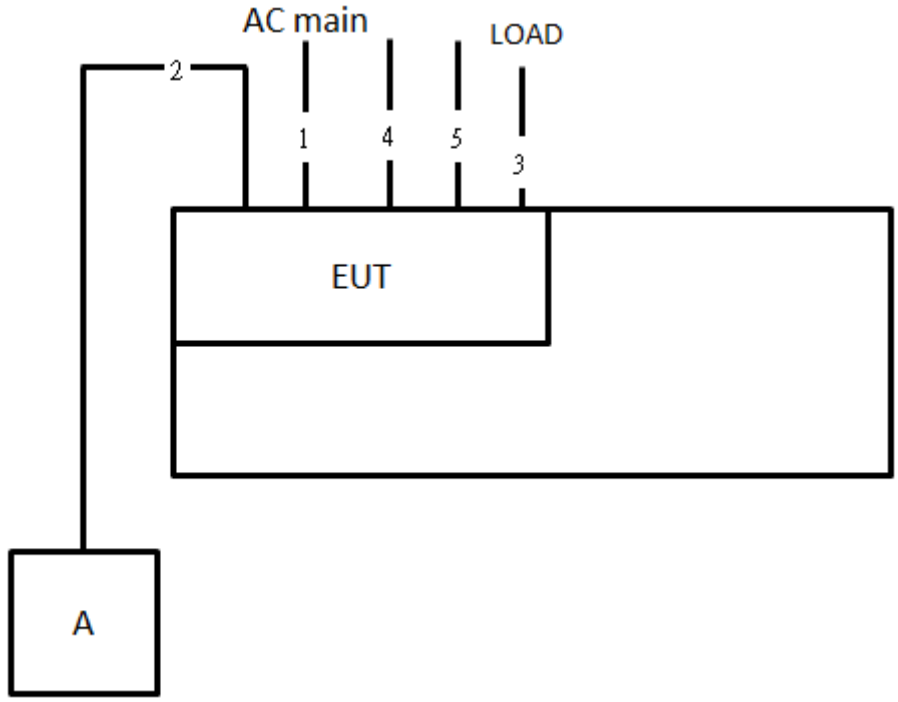
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E6430	N/A
B	Flash disk3.0	Transcend	JetFlash-700	N/A

For Radiated and RF Conducted:

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

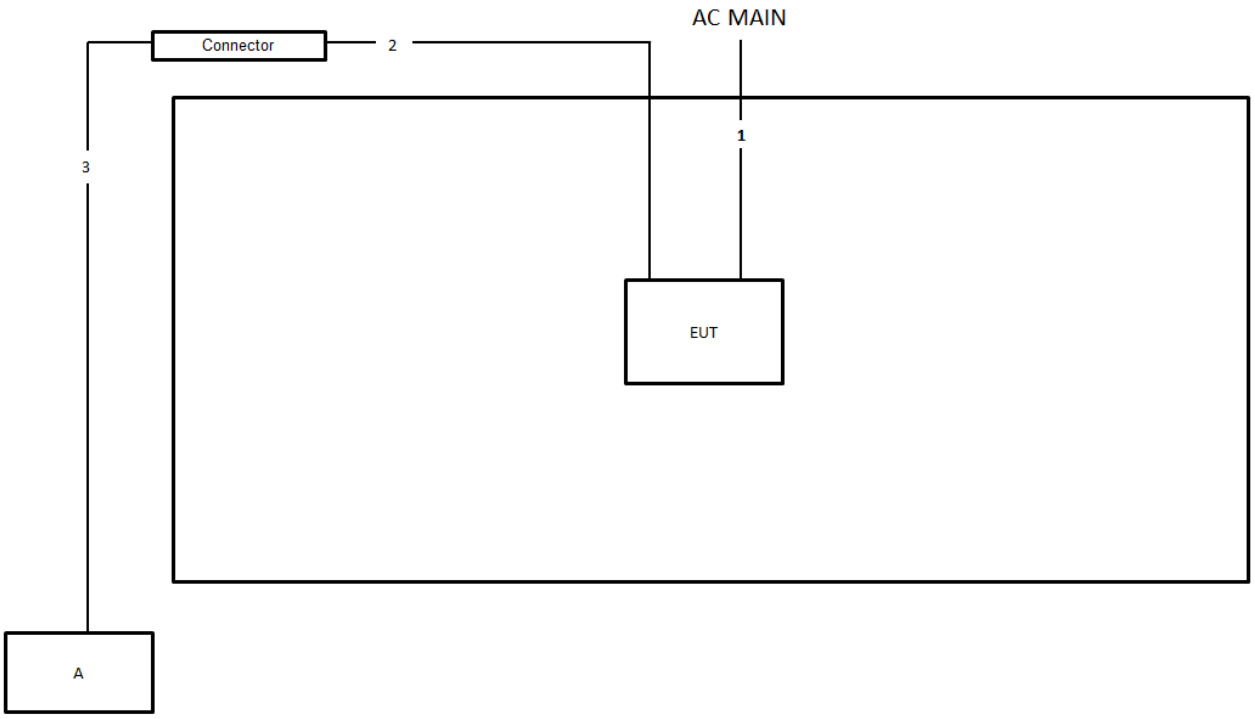
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



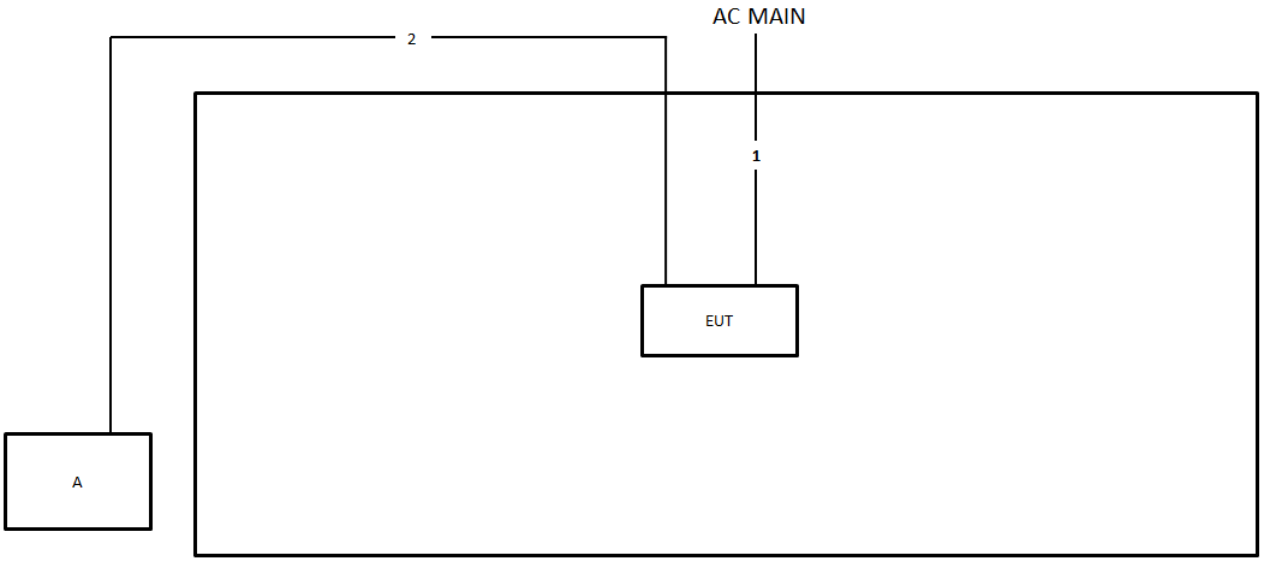
Item	Connection	Shielded	Length
1	Power cable	No	1.2m
2	RJ-45 cable	No	10m
3	RJ-45 cable*3	No	1.5m
4	RJ-11 cable*2	No	1.5m
5	Coaxial cable	No	1.5m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.2m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.2m
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

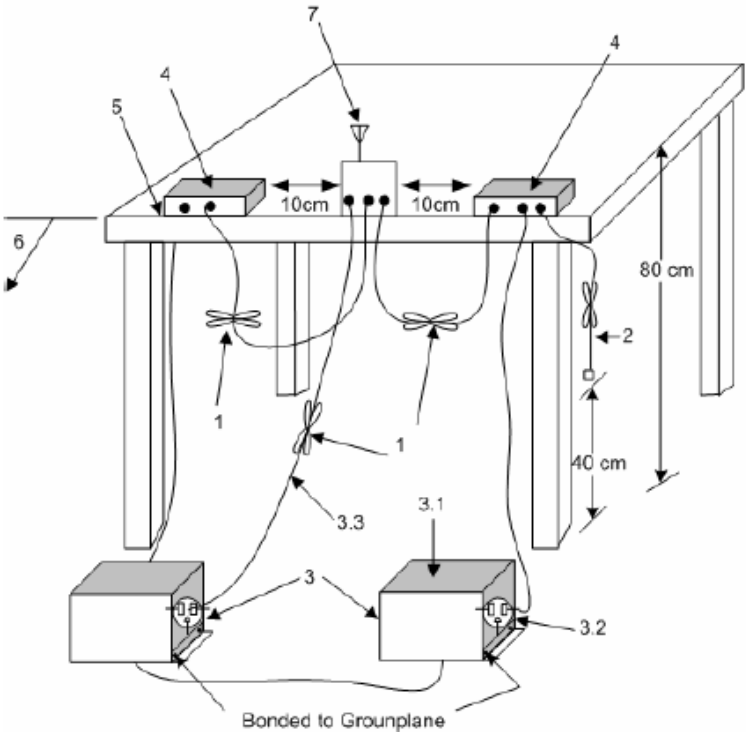
Refer a test equipment and calibration data table in this test report.

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.
☐	For the 5.85-5.895 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.

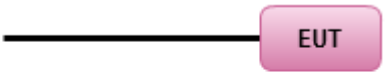
3.2.2 Measuring Instruments

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
 Spectrum Analyzer  EUT

3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Output Power

3.3.1 Limit

Maximum Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6). e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W If G_{TX} > 23 dBi, then P_{Out} = 30 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
Maximum EIRP Limit	
☐	For the 5.85-5.895 GHz band:
	▪ Indoor AP & subordinate device < 36 dBm
	▪ Client device < 30 dBm
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the

	lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.3.2 Measuring Instruments

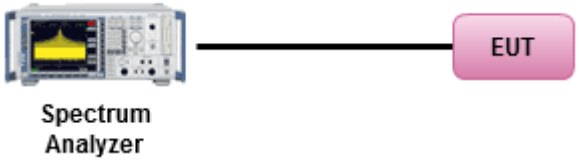
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
	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

Conducted Measurement (Spectrum Analyzer)


For Others channel

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.
EIRP Power Spectral Density Limit	
☐	For the 5.85-5.895 GHz band:
	▪ Indoor AP & subordinate device < 20dBm/MHz
	▪ Client device < 14dBm/MHz
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output	

power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.

3.4.2 Measuring Instruments

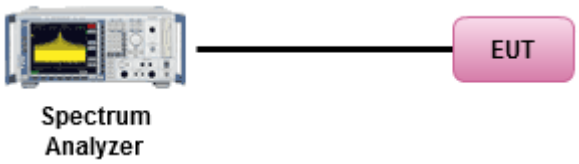
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:		
	☐ Refer as FCC KDB 789033 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])

Test Method		
		$EIRP_{total} = PPSD_{total} + DG$
☐ 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.

3.4.4 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.
☐ 5.85 - 5.895 GHz	(i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of - 7 dBm/MHz at or above 5.925 GHz. (ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an

	e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz. (iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/ MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.
Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	

3.5.2 Measuring Instruments

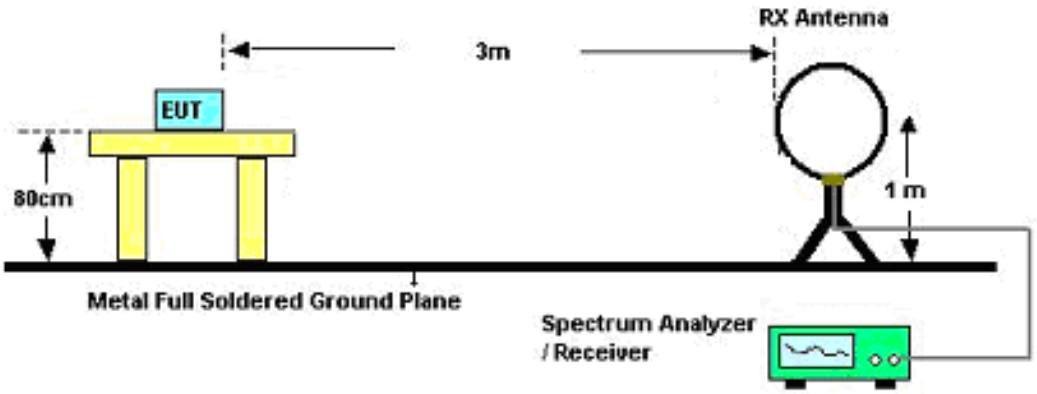
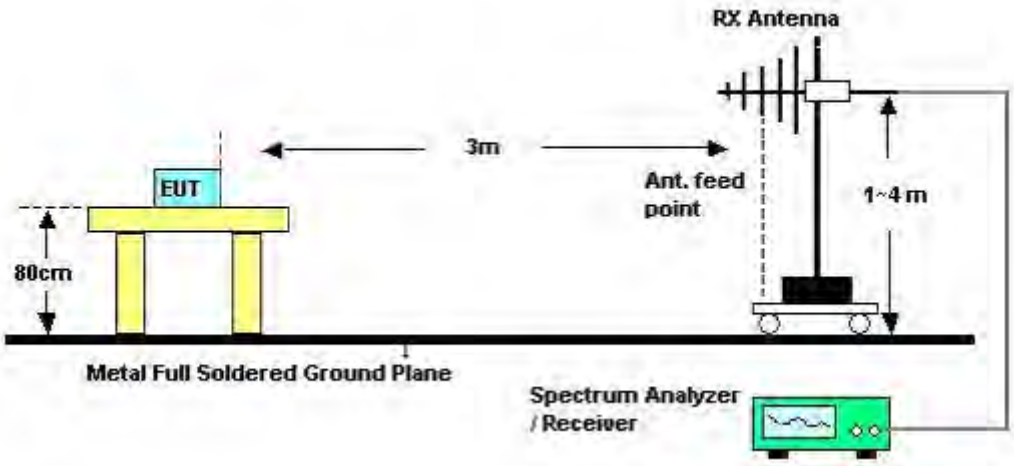
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

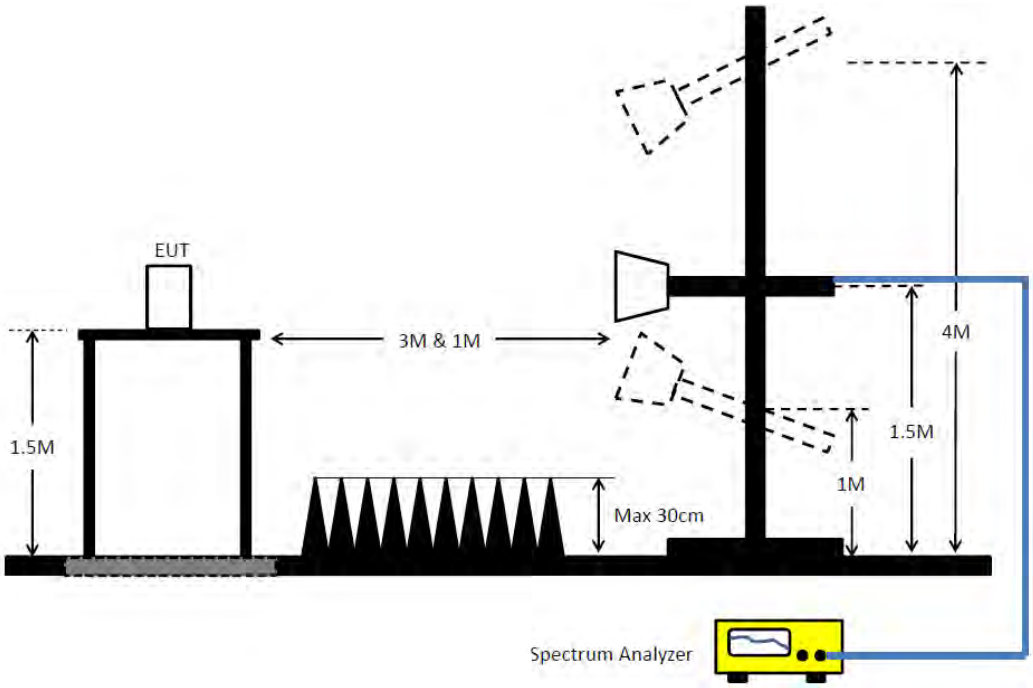
Test Method			
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).			
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].			
▪ For the transmitter unwanted emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 789033 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.			

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

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz~100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Jan. 07, 2022	Jan. 06, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 18, 2022	Mar. 17, 2023	Radiation (03CH01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH01-CB	30 MHz ~ 1 GHz	Jan. 25, 2022	Jan. 24, 2023	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Feb. 21, 2022	Feb. 20, 2023	Radiation (03CH01-CB)
Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 03, 2021	May 02, 2022	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH01-CB)
RF Cable-low	Woken	RG402	Low Cable-16+17	30 MHz ~ 1 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz 3m	Mar. 27, 2021	Mar. 26, 2022	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 26, 2022	Mar. 25, 2023	Radiation (03CH02-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Sep. 14, 2021	Sep. 13, 2022	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 25, 2021	Oct. 24, 2022	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+19	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 21, 2021	May 20, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P1	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P2	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P3	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P4	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P5	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 21, 2022	Feb. 20, 2023	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 21, 2022	Feb. 20, 2023	Conducted (TH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

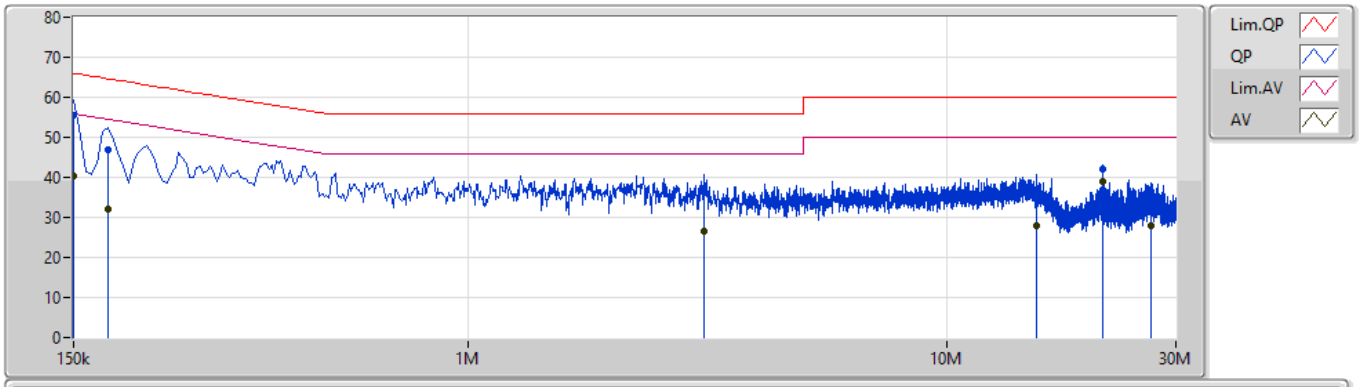
N.C.R. means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	58.27	66.00	-7.73	Neutral

Mode 1

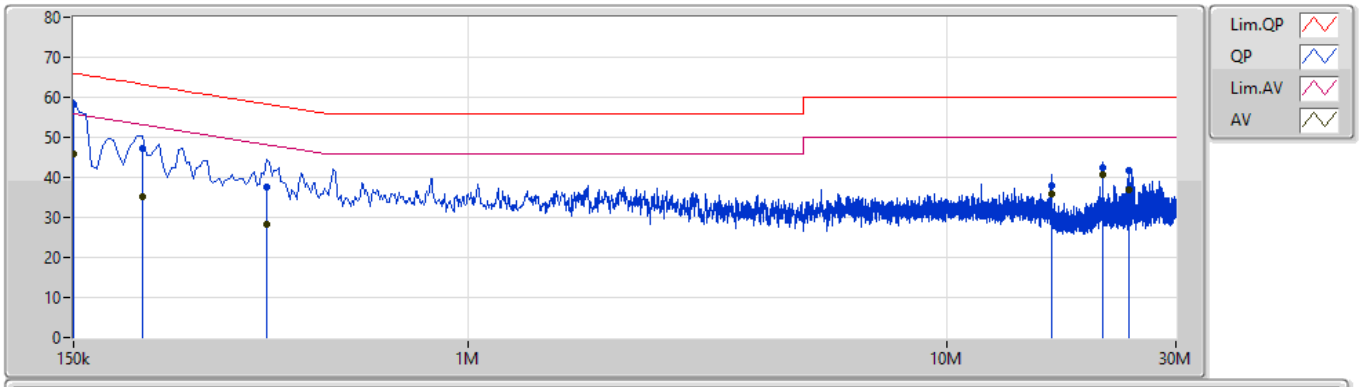
18/03/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT			
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)			
QP	150k	55.37	66.00	-10.63	9.97	Line	"Worst"	45.40	0.06	0.02	9.89			
AV	150k	40.26	56.00	-15.74	9.97	Line	-	30.29	0.06	0.02	9.89			
QP	177k	46.81	64.62	-17.81	9.97	Line	-	36.84	0.06	0.02	9.89			
AV	177k	32.05	54.62	-22.57	9.97	Line	-	22.08	0.06	0.02	9.89			
QP	3.111M	36.12	56.00	-19.88	10.06	Line	-	26.06	0.11	0.06	9.89			
AV	3.111M	26.44	46.00	-19.56	10.06	Line	-	16.38	0.11	0.06	9.89			
QP	15.383M	34.82	60.00	-25.18	10.32	Line	-	24.50	0.27	0.11	9.94			
AV	15.383M	28.01	50.00	-21.99	10.32	Line	-	17.69	0.27	0.11	9.94			
QP	21.17M	42.09	60.00	-17.91	10.41	Line	-	31.68	0.31	0.14	9.96			
AV	21.17M	38.84	50.00	-11.16	10.41	Line	-	28.43	0.31	0.14	9.96			
QP	26.61M	35.35	60.00	-24.65	10.57	Line	-	24.78	0.37	0.21	9.99			
AV	26.61M	27.78	50.00	-22.22	10.57	Line	-	17.21	0.37	0.21	9.99			

Mode 1

18/03/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	58.27	66.00	-7.73	9.98	Neutral	"Worst"	48.29	0.07	0.02	9.89
AV	150k	45.89	56.00	-10.11	9.98	Neutral	-	35.91	0.07	0.02	9.89
QP	208.5k	47.07	63.27	-16.20	9.98	Neutral	-	37.09	0.07	0.02	9.89
AV	208.5k	35.24	53.27	-18.03	9.98	Neutral	-	25.26	0.07	0.02	9.89
QP	379.5k	37.74	58.29	-20.55	9.98	Neutral	-	27.76	0.07	0.02	9.89
AV	379.5k	28.27	48.29	-20.02	9.98	Neutral	-	18.29	0.07	0.02	9.89
QP	16.467M	38.09	60.00	-21.91	10.34	Neutral	-	27.75	0.28	0.11	9.95
AV	16.467M	35.84	50.00	-14.16	10.34	Neutral	-	25.50	0.28	0.11	9.95
QP	21.17M	42.40	60.00	-17.60	10.40	Neutral	-	32.00	0.30	0.14	9.96
AV	21.17M	40.64	50.00	-9.36	10.40	Neutral	-	30.24	0.30	0.14	9.96
QP	24M	41.76	60.00	-18.24	10.46	Neutral	-	31.30	0.30	0.19	9.97
AV	24M	37.01	50.00	-12.99	10.46	Neutral	-	26.55	0.30	0.19	9.97

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	19.92M	16.462M	16M5D1D	19.23M	16.342M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.73M	17.631M	17M6D1D	20.16M	17.481M
802.11ac VHT40_Nss1,(MCS0)_4TX	39.84M	36.222M	36M2D1D	39.12M	35.982M
802.11ac VHT80_Nss1,(MCS0)_4TX	83.16M	76.282M	76M3D1D	81.72M	75.802M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.83M	16.492M	16M5D1D	19.26M	16.372M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.73M	17.601M	17M6D1D	20.01M	17.481M
802.11ac VHT40_Nss1,(MCS0)_4TX	39.72M	36.162M	36M2D1D	39.42M	35.922M
802.11ac VHT80_Nss1,(MCS0)_4TX	83.4M	76.282M	76M3D1D	82.56M	75.922M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.22M	16.552M	16M6D1D	14.76M	13.268M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.73M	17.661M	17M7D1D	15.075M	13.853M
802.11ac VHT40_Nss1,(MCS0)_4TX	39.54M	36.042M	36M0D1D	34.58M	32.849M
802.11ac VHT80_Nss1,(MCS0)_4TX	83.16M	76.162M	76M2D1D	76.125M	72.489M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.32M	29.355M	29M4D1D	3.04M	3.438M
802.11ac VHT20_Nss1,(MCS0)_4TX	17.52M	23.958M	24M0D1D	3.52M	3.978M
802.11ac VHT40_Nss1,(MCS0)_4TX	35.88M	36.282M	36M3D1D	3.1M	3.478M
802.11ac VHT80_Nss1,(MCS0)_4TX	76.2M	76.042M	76M0D1D	3.06M	3.998M

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

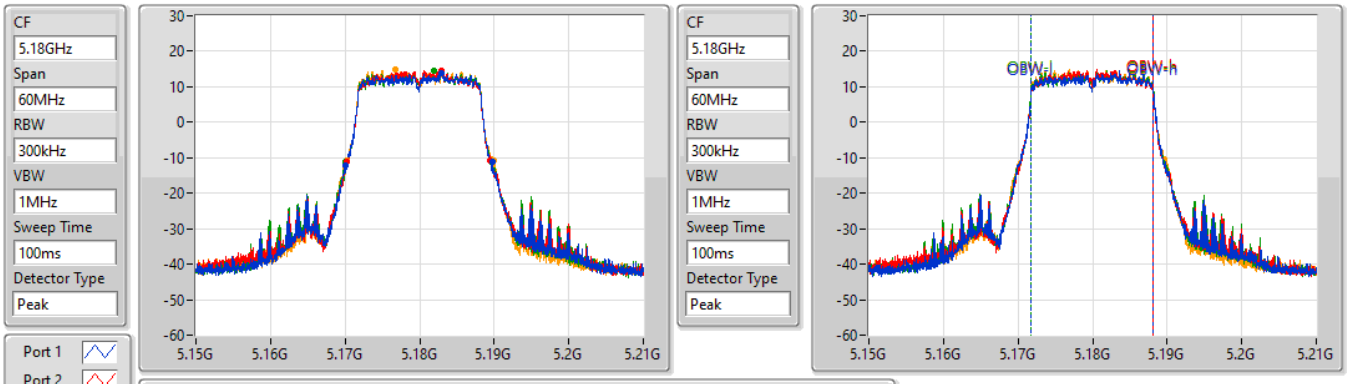
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	19.74M	16.432M	19.26M	16.342M	19.56M	16.432M	19.62M	16.432M
5200MHz	Pass	Inf	19.68M	16.462M	19.29M	16.372M	19.23M	16.432M	19.92M	16.432M
5240MHz	Pass	Inf	19.77M	16.462M	19.26M	16.372M	19.26M	16.402M	19.56M	16.432M
5260MHz	Pass	Inf	19.83M	16.492M	19.26M	16.372M	19.38M	16.432M	19.62M	16.432M
5300MHz	Pass	Inf	19.56M	16.462M	19.35M	16.402M	19.44M	16.402M	19.71M	16.432M
5320MHz	Pass	Inf	19.77M	16.492M	19.56M	16.402M	19.74M	16.372M	19.65M	16.402M
5500MHz	Pass	Inf	19.92M	16.492M	20.22M	16.522M	19.26M	16.372M	19.8M	16.432M
5580MHz	Pass	Inf	19.92M	16.492M	20.04M	16.522M	19.23M	16.372M	19.68M	16.402M
5700MHz	Pass	Inf	19.98M	16.522M	19.77M	16.552M	19.41M	16.402M	19.71M	16.432M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.76M	13.343M	15.015M	13.358M	14.985M	13.268M	14.94M	13.283M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.04M	3.498M	3.06M	3.478M	3.06M	3.438M	3.08M	3.458M
5745MHz	Pass	500k	16.32M	17.061M	16.32M	16.552M	16.29M	16.462M	16.32M	16.462M
5785MHz	Pass	500k	16.29M	26.627M	16.32M	16.582M	16.32M	16.492M	16.32M	16.672M
5825MHz	Pass	500k	16.29M	29.355M	16.32M	16.552M	16.29M	16.492M	16.32M	16.582M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.37M	17.601M	20.25M	17.481M	20.52M	17.601M	20.55M	17.601M
5200MHz	Pass	Inf	20.37M	17.601M	20.16M	17.511M	20.49M	17.601M	20.73M	17.631M
5240MHz	Pass	Inf	20.37M	17.601M	20.22M	17.511M	20.55M	17.601M	20.64M	17.631M
5260MHz	Pass	Inf	20.4M	17.601M	20.01M	17.481M	20.4M	17.601M	20.58M	17.601M
5300MHz	Pass	Inf	20.25M	17.601M	20.1M	17.511M	20.46M	17.571M	20.64M	17.601M
5320MHz	Pass	Inf	20.4M	17.601M	20.25M	17.541M	20.46M	17.571M	20.73M	17.601M
5500MHz	Pass	Inf	20.43M	17.631M	20.55M	17.661M	20.43M	17.571M	20.73M	17.631M
5580MHz	Pass	Inf	20.37M	17.631M	20.55M	17.661M	20.52M	17.541M	20.58M	17.601M
5700MHz	Pass	Inf	20.34M	17.631M	20.58M	17.661M	20.52M	17.571M	20.58M	17.601M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.105M	13.898M	15.24M	13.913M	15.12M	13.853M	15.075M	13.883M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.52M	4.018M	3.68M	3.998M	3.68M	3.978M	3.68M	3.998M
5745MHz	Pass	500k	16.71M	17.811M	17.37M	17.691M	17.13M	17.631M	17.52M	17.661M
5785MHz	Pass	500k	17.28M	23.958M	17.37M	17.691M	17.1M	17.631M	17.52M	17.781M
5825MHz	Pass	500k	17.37M	18.471M	17.28M	17.691M	17.13M	17.631M	17.52M	17.691M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.42M	35.982M	39.84M	36.162M	39.72M	36.042M	39.36M	35.982M
5230MHz	Pass	Inf	39.12M	36.042M	39.54M	36.222M	39.36M	36.162M	39.36M	36.102M
5270MHz	Pass	Inf	39.72M	36.042M	39.54M	36.162M	39.42M	36.042M	39.48M	35.922M
5310MHz	Pass	Inf	39.66M	36.042M	39.66M	36.162M	39.54M	36.102M	39.42M	35.922M
5510MHz	Pass	Inf	39.48M	35.982M	39.24M	35.862M	39.3M	36.042M	39.24M	35.922M
5550MHz	Pass	Inf	39.3M	35.982M	39.18M	35.862M	39.24M	36.042M	39.3M	35.922M
5670MHz	Pass	Inf	39.54M	35.982M	39.54M	35.862M	39.54M	36.042M	39.42M	35.922M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.72M	32.884M	34.615M	32.849M	34.72M	32.954M	34.58M	32.849M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	3.558M	3.12M	3.518M	3.12M	3.478M	3.12M	3.558M
5755MHz	Pass	500k	32.82M	36.102M	34.38M	35.982M	35.04M	36.042M	35.16M	35.922M
5795MHz	Pass	500k	35.88M	36.282M	35.1M	35.982M	33.24M	36.042M	35.76M	35.922M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	83.04M	75.802M	83.16M	76.282M	82.92M	75.922M	81.72M	75.922M
5290MHz	Pass	Inf	82.92M	75.922M	83.4M	76.282M	82.8M	76.042M	82.56M	75.922M
5530MHz	Pass	Inf	83.04M	75.802M	82.32M	75.682M	82.56M	76.042M	81.96M	75.682M
5610MHz	Pass	Inf	82.92M	75.802M	83.16M	75.802M	82.8M	76.162M	82.08M	75.802M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.5M	72.564M	76.575M	72.489M	76.5M	72.639M	76.125M	72.564M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.06M	4.138M	3.14M	4.258M	3.12M	3.998M	3.14M	4.138M
5775MHz	Pass	500k	75M	75.922M	74.16M	75.922M	76.2M	76.042M	75.72M	75.802M

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

08/03/2022

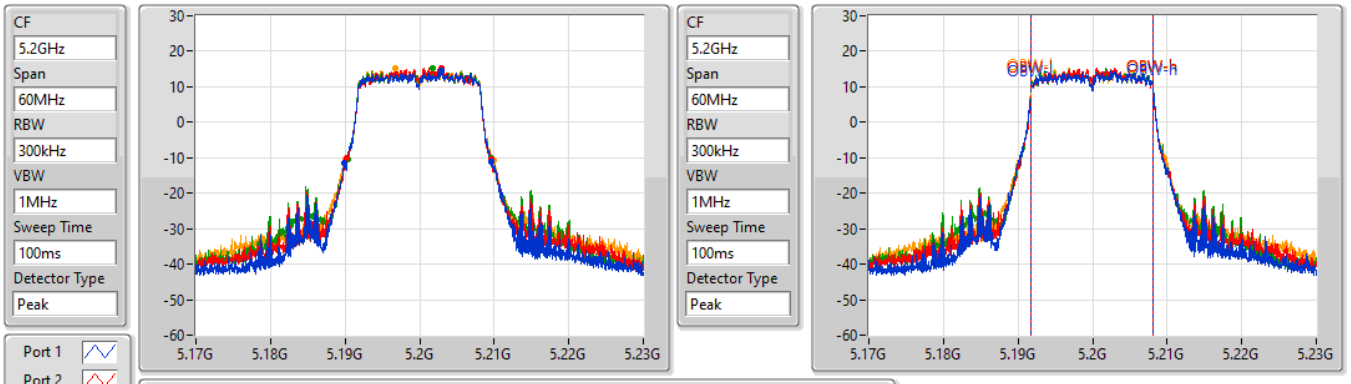


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.74M	5.17001G	5.18975G	16.432M	5.171754G	5.188186G	Inf	1
19.26M	5.17025G	5.18951G	16.342M	5.171784G	5.188126G	Inf	2
19.56M	5.1701G	5.18966G	16.432M	5.171754G	5.188186G	Inf	3
19.62M	5.17028G	5.1899G	16.432M	5.171754G	5.188186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5200MHz

08/03/2022

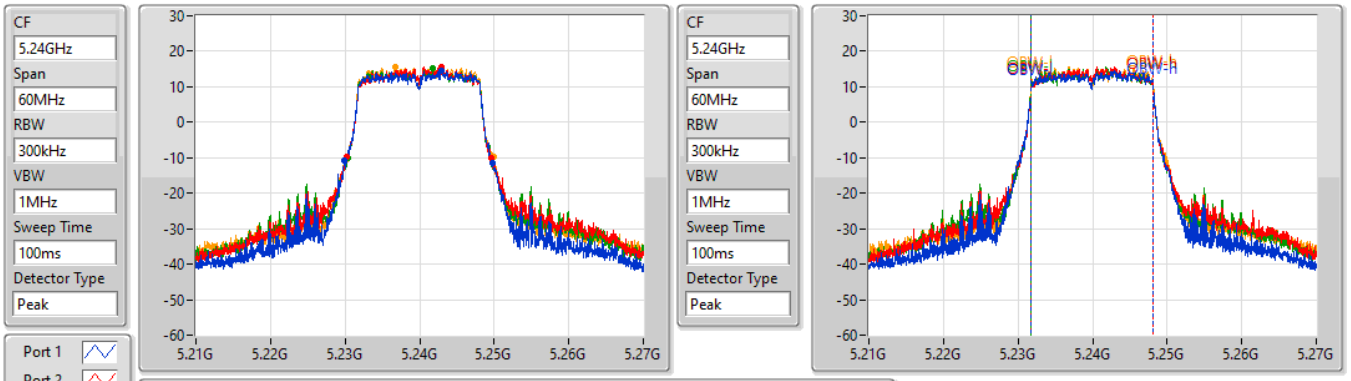


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.68M	5.18992G	5.2096G	16.462M	5.191724G	5.208186G	Inf	1
19.29M	5.19025G	5.20954G	16.372M	5.191754G	5.208126G	Inf	2
19.23M	5.19031G	5.20954G	16.432M	5.191724G	5.208156G	Inf	3
19.92M	5.18998G	5.2099G	16.432M	5.191724G	5.208156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5240MHz

08/03/2022

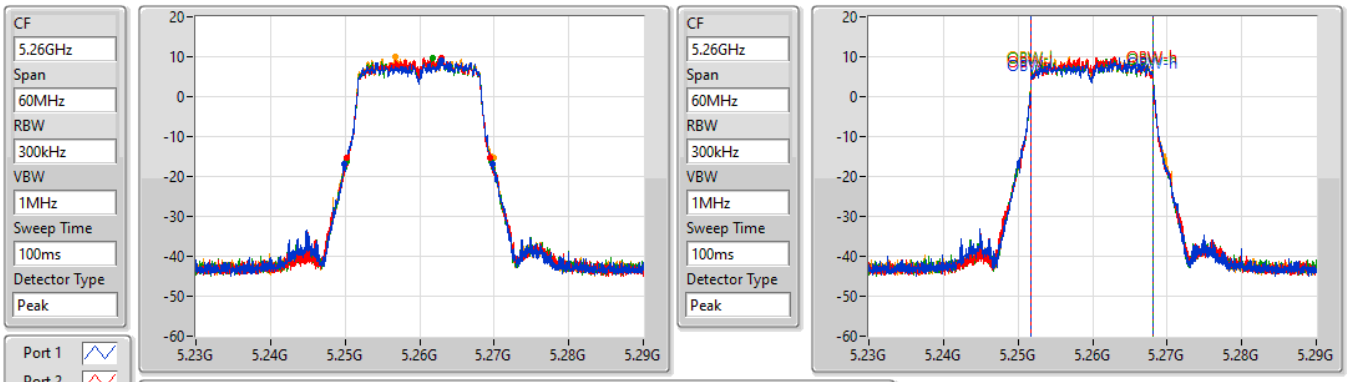


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.77M	5.22995G	5.24972G	16.462M	5.231724G	5.248186G	Inf	1
19.26M	5.23028G	5.24954G	16.372M	5.231754G	5.248126G	Inf	2
19.26M	5.23031G	5.24957G	16.402M	5.231724G	5.248126G	Inf	3
19.56M	5.23037G	5.24993G	16.432M	5.231724G	5.248156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5260MHz

08/03/2022

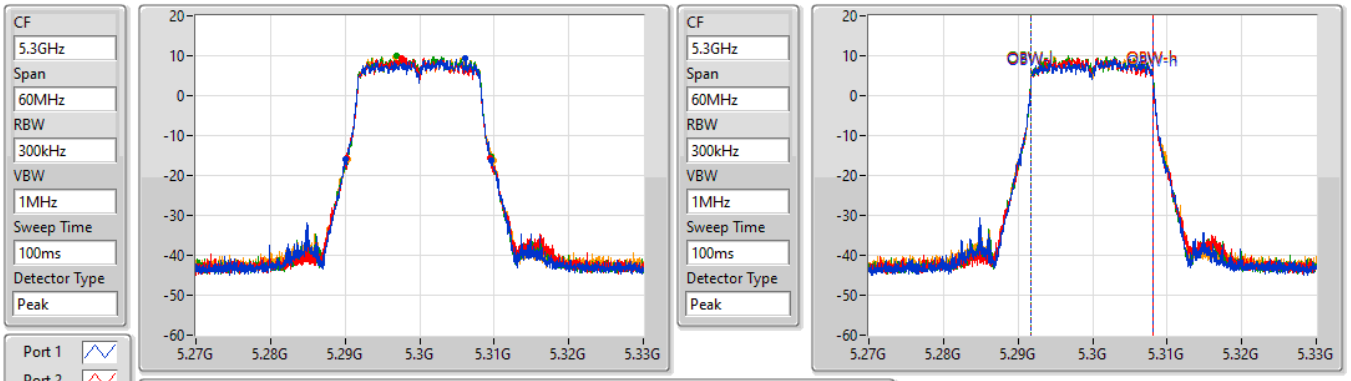


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.83M	5.24989G	5.26972G	16.492M	5.251694G	5.268186G	Inf	1
19.26M	5.25025G	5.26951G	16.372M	5.251754G	5.268126G	Inf	2
19.38M	5.25025G	5.26963G	16.432M	5.251724G	5.268156G	Inf	3
19.62M	5.25028G	5.2699G	16.432M	5.251724G	5.268156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

08/03/2022

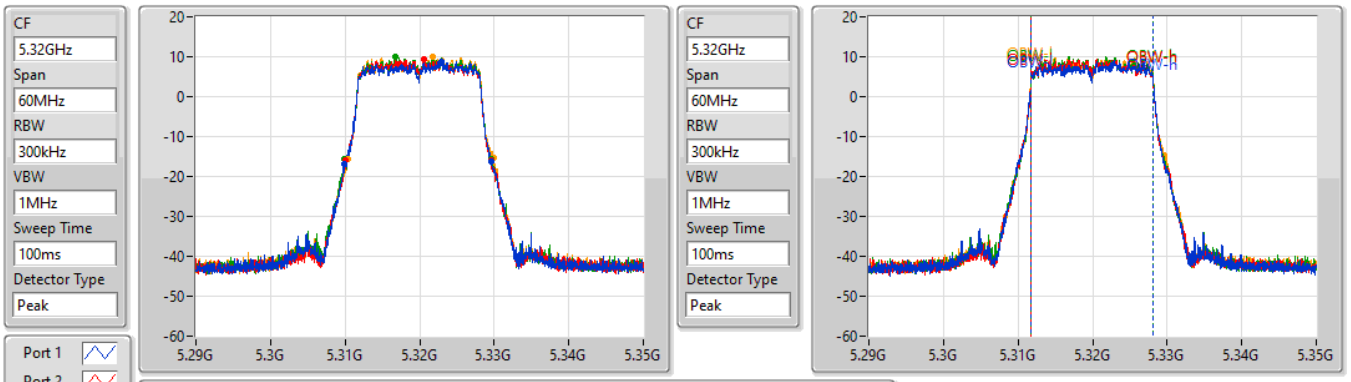


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.56M	5.29001G	5.30957G	16.462M	5.291694G	5.308156G	Inf	1
19.35M	5.29016G	5.30951G	16.402M	5.291724G	5.308126G	Inf	2
19.44M	5.29022G	5.30966G	16.402M	5.291724G	5.308126G	Inf	3
19.71M	5.29031G	5.31002G	16.432M	5.291724G	5.308156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

08/03/2022

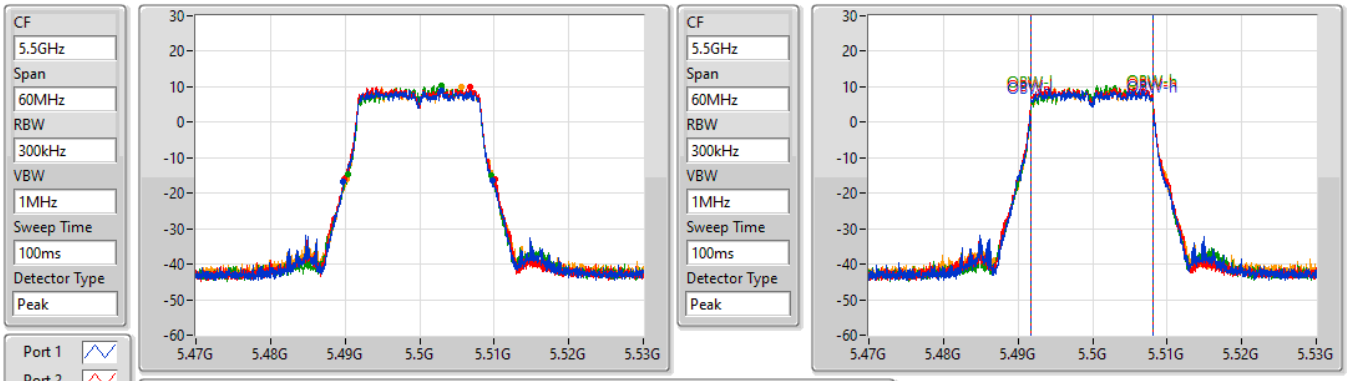


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.77M	5.30989G	5.32966G	16.492M	5.311694G	5.328186G	Inf	1
19.56M	5.31001G	5.32957G	16.402M	5.311724G	5.328126G	Inf	2
19.74M	5.30983G	5.32957G	16.372M	5.311754G	5.328126G	Inf	3
19.65M	5.31031G	5.32996G	16.402M	5.311754G	5.328156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

08/03/2022

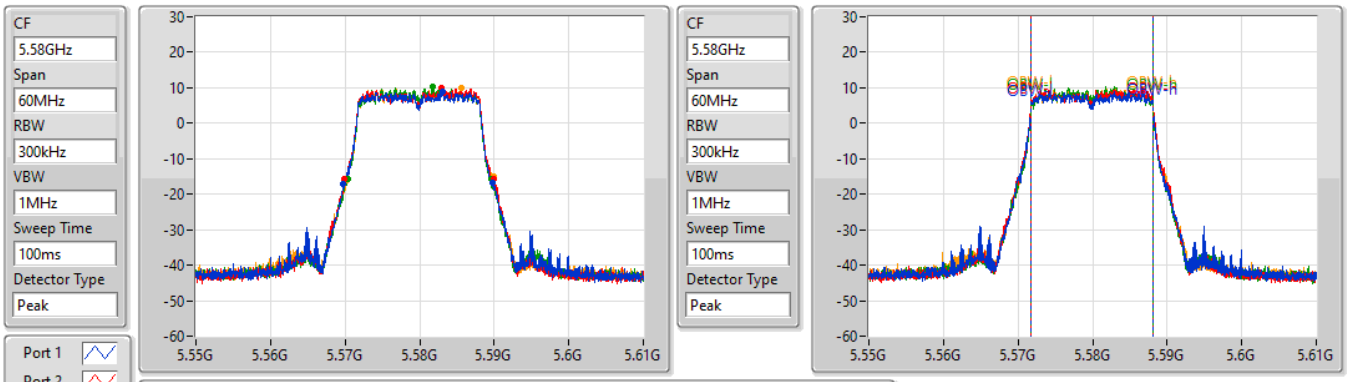


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.92M	5.4898G	5.50972G	16.492M	5.491664G	5.508156G	Inf	1
20.22M	5.48983G	5.51005G	16.522M	5.491664G	5.508186G	Inf	2
19.26M	5.49034G	5.5096G	16.372M	5.491754G	5.508126G	Inf	3
19.8M	5.49019G	5.50999G	16.432M	5.491724G	5.508156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

08/03/2022

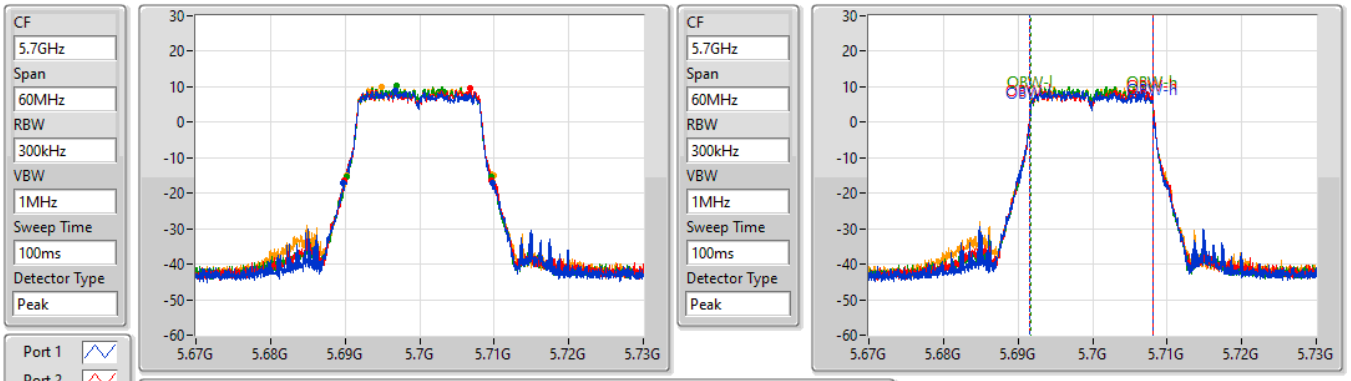


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.92M	5.5698G	5.58972G	16.492M	5.571664G	5.588156G	Inf	1
20.04M	5.56986G	5.5899G	16.522M	5.571664G	5.588186G	Inf	2
19.23M	5.57034G	5.58957G	16.372M	5.571724G	5.588096G	Inf	3
19.68M	5.57019G	5.58987G	16.402M	5.571724G	5.588126G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

08/03/2022

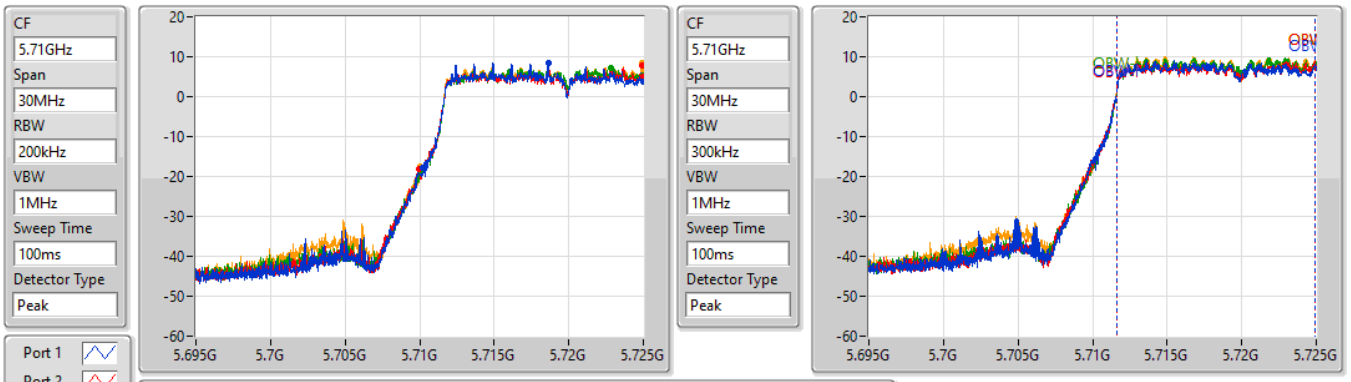


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.98M	5.68977G	5.70975G	16.522M	5.691634G	5.708156G	Inf	1
19.77M	5.68986G	5.70963G	16.552M	5.691634G	5.708186G	Inf	2
19.41M	5.69016G	5.70957G	16.402M	5.691724G	5.708126G	Inf	3
19.71M	5.69022G	5.70993G	16.432M	5.691694G	5.708126G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

08/03/2022

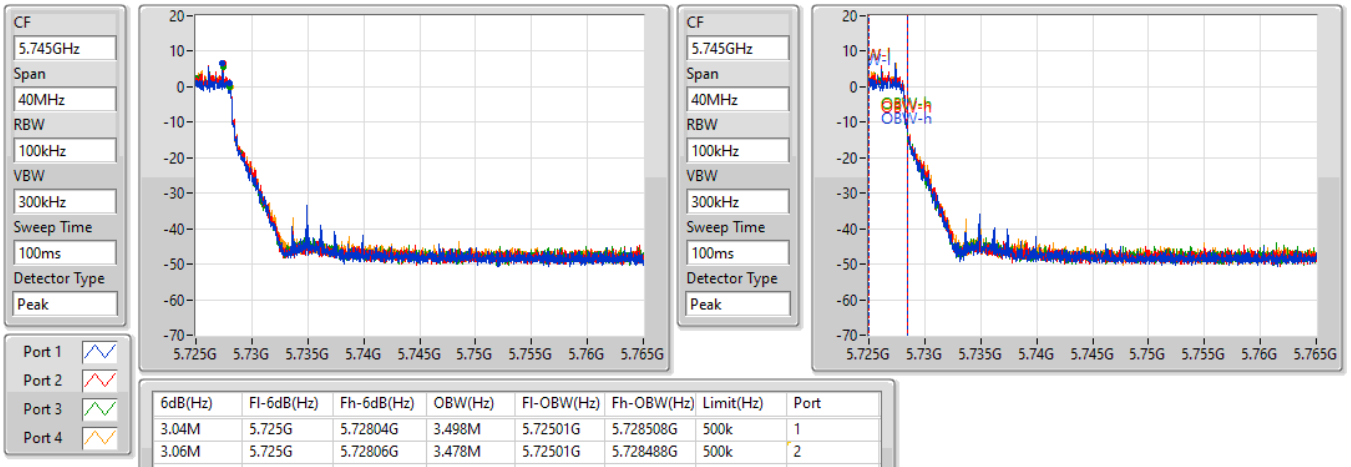


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.76M	5.71024G	5.725G	13.343M	5.711589G	5.724933G	Inf	1
15.015M	5.709985G	5.725G	13.358M	5.711589G	5.724948G	Inf	2
14.985M	5.710015G	5.725G	13.268M	5.711664G	5.724933G	Inf	3
14.94M	5.71006G	5.725G	13.283M	5.711664G	5.724948G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

08/03/2022

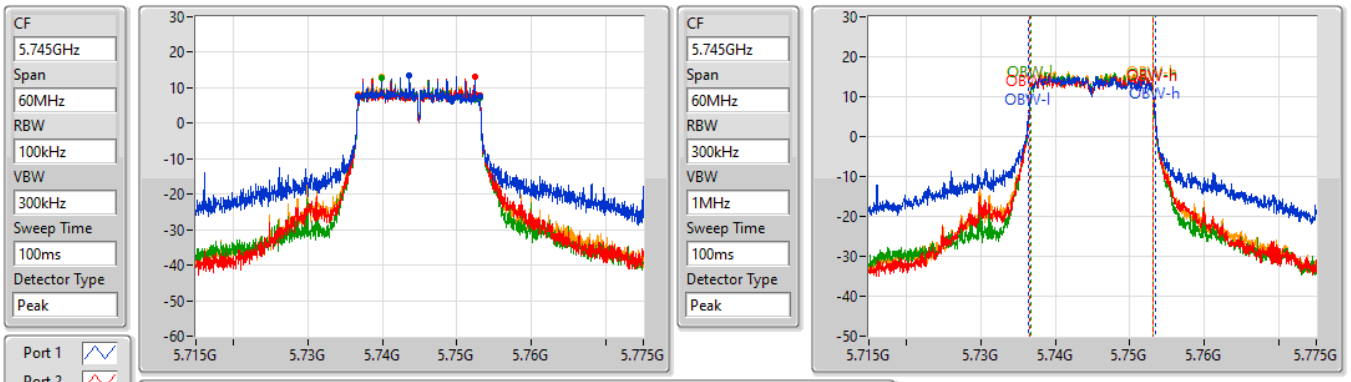


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.04M	5.725G	5.72804G	3.498M	5.72501G	5.728508G	500k	1
3.06M	5.725G	5.72806G	3.478M	5.72501G	5.728488G	500k	2
3.06M	5.725G	5.72806G	3.438M	5.72501G	5.728448G	500k	3
3.08M	5.725G	5.72808G	3.458M	5.72501G	5.728468G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5745MHz

08/03/2022

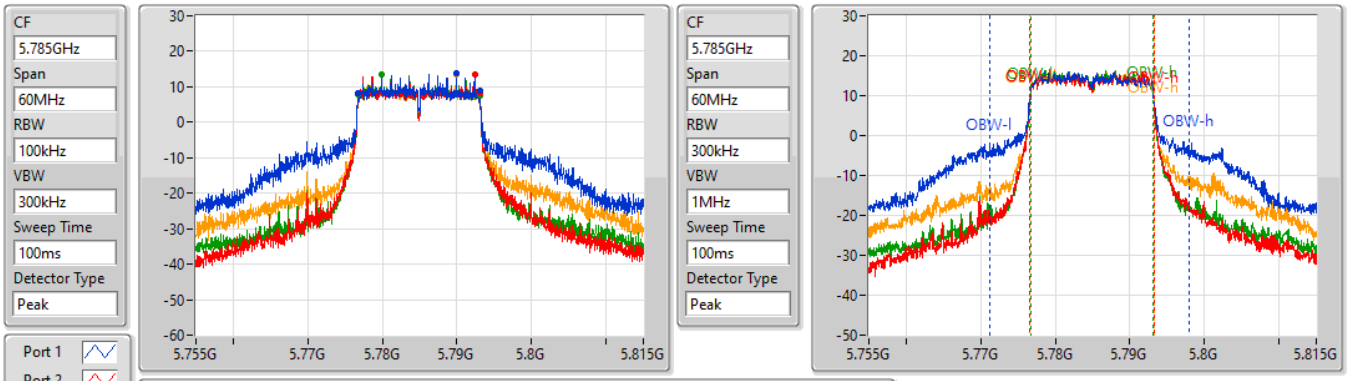


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.73675G	5.75307G	17.061M	5.736334G	5.753396G	500k	1
16.32M	5.73675G	5.75307G	16.552M	5.736634G	5.753186G	500k	2
16.29M	5.73675G	5.75304G	16.462M	5.736664G	5.753126G	500k	3
16.32M	5.73675G	5.75307G	16.462M	5.736664G	5.753126G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5785MHz

08/03/2022

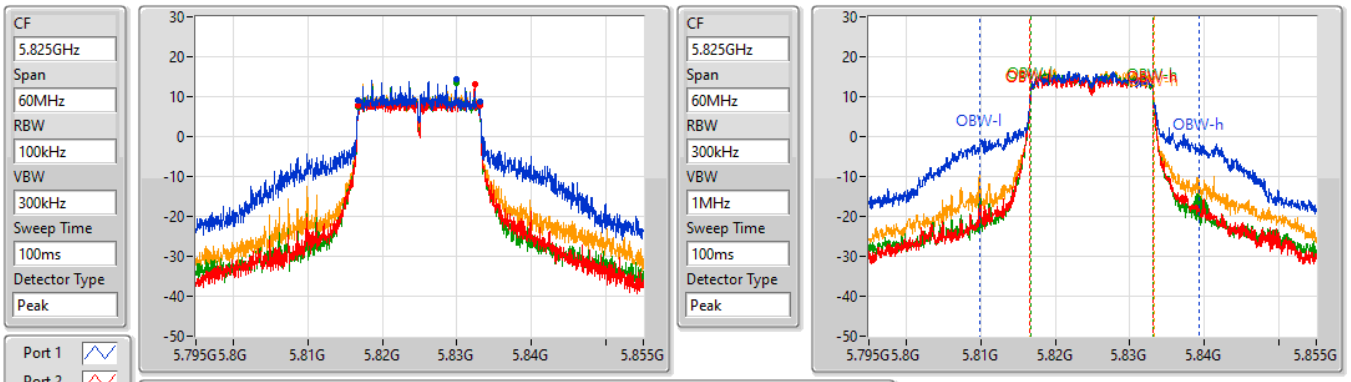


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.77675G	5.79304G	26.627M	5.771267G	5.797894G	500k	1
16.32M	5.77675G	5.79307G	16.582M	5.776634G	5.793216G	500k	2
16.32M	5.77675G	5.79307G	16.492M	5.776664G	5.793156G	500k	3
16.32M	5.77675G	5.79307G	16.672M	5.776604G	5.793276G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5825MHz

08/03/2022

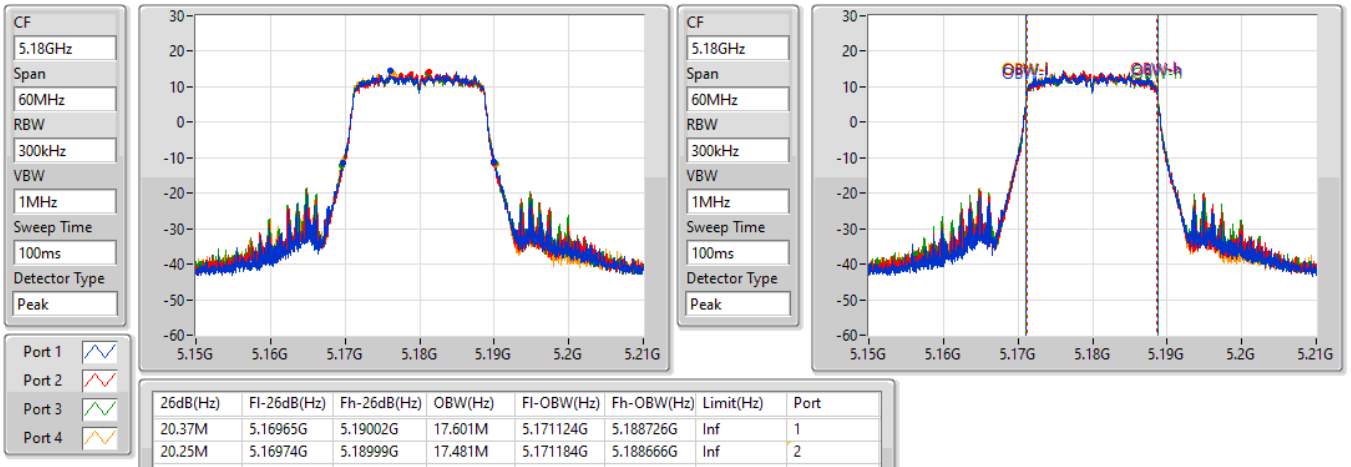


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.81678G	5.83307G	29.355M	5.809948G	5.839303G	500k	1
16.32M	5.81675G	5.83307G	16.552M	5.816634G	5.833186G	500k	2
16.29M	5.81675G	5.83304G	16.492M	5.816664G	5.833156G	500k	3
16.32M	5.81675G	5.83307G	16.582M	5.816634G	5.833216G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5180MHz

08/03/2022

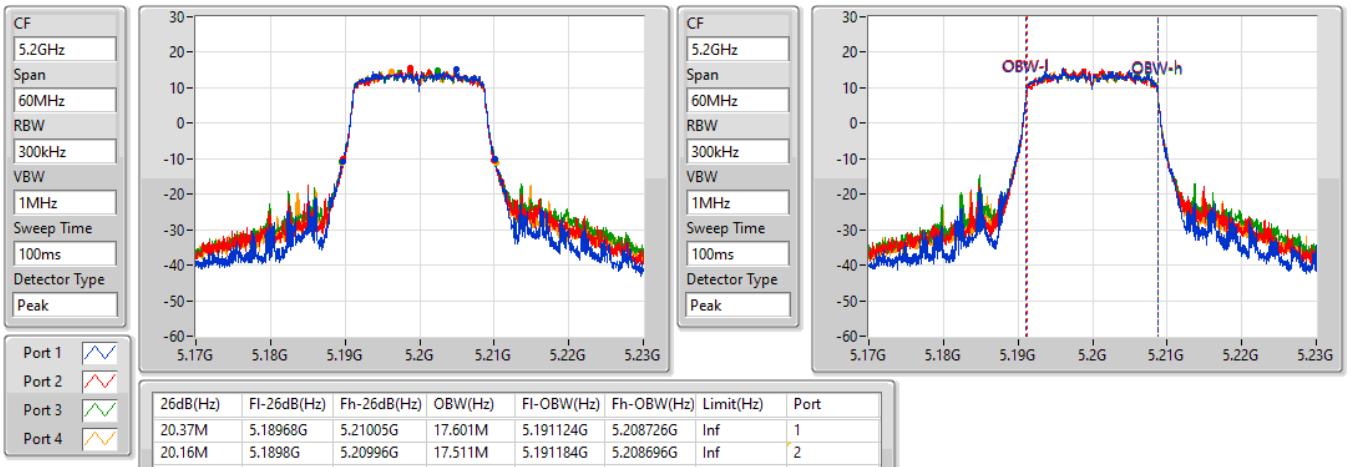


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.37M	5.16965G	5.19002G	17.601M	5.171124G	5.188726G	Inf	1
20.25M	5.16974G	5.18999G	17.481M	5.171184G	5.188666G	Inf	2
20.52M	5.16959G	5.19011G	17.601M	5.171124G	5.188726G	Inf	3
20.55M	5.16965G	5.1902G	17.601M	5.171124G	5.188726G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5200MHz

08/03/2022

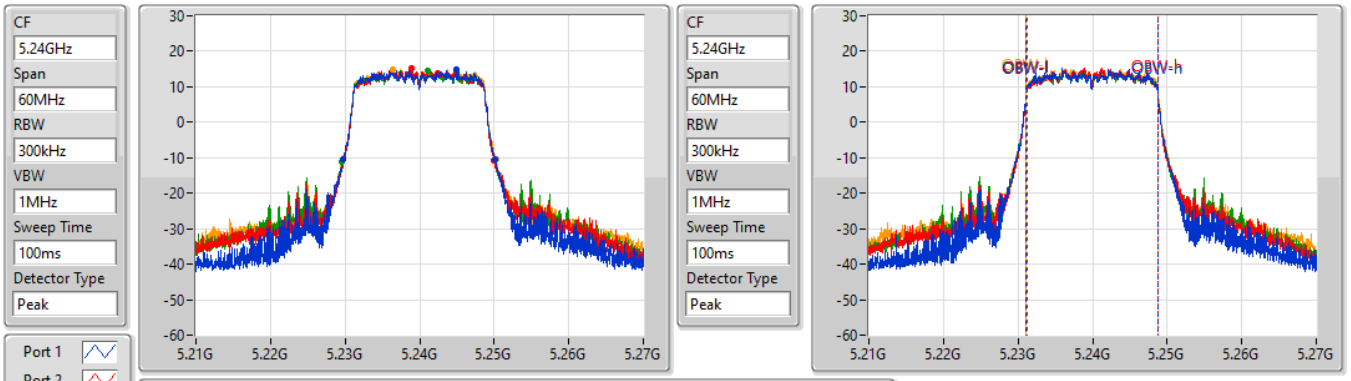


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.37M	5.18968G	5.21005G	17.601M	5.191124G	5.208726G	Inf	1
20.16M	5.1898G	5.20996G	17.511M	5.191184G	5.208696G	Inf	2
20.49M	5.18959G	5.21008G	17.601M	5.191124G	5.208726G	Inf	3
20.73M	5.18956G	5.21029G	17.631M	5.191124G	5.208756G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5240MHz

08/03/2022

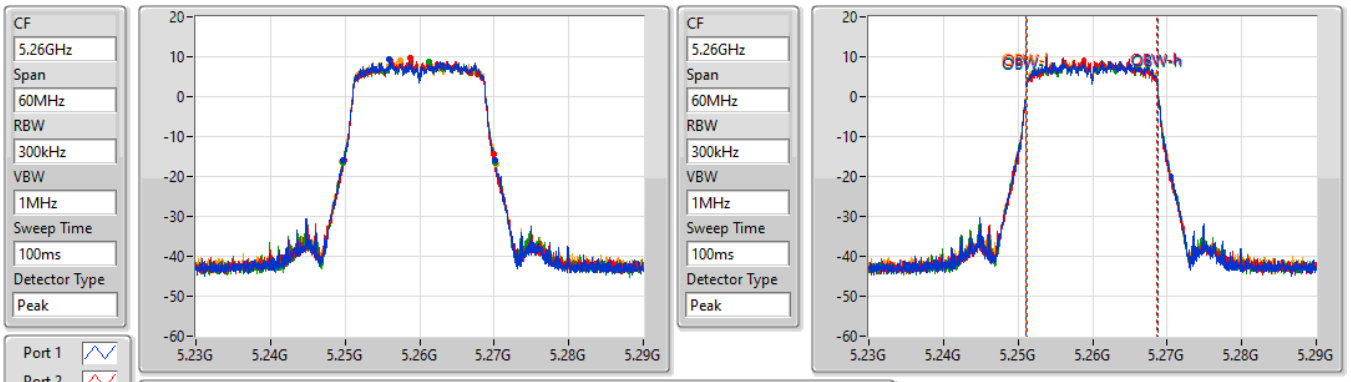


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.37M	5.22971G	5.25008G	17.601M	5.231124G	5.248726G	Inf	1
20.22M	5.22977G	5.24999G	17.511M	5.231184G	5.248696G	Inf	2
20.55M	5.22959G	5.25014G	17.601M	5.231124G	5.248726G	Inf	3
20.64M	5.22962G	5.25026G	17.631M	5.231124G	5.248756G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5260MHz

08/03/2022

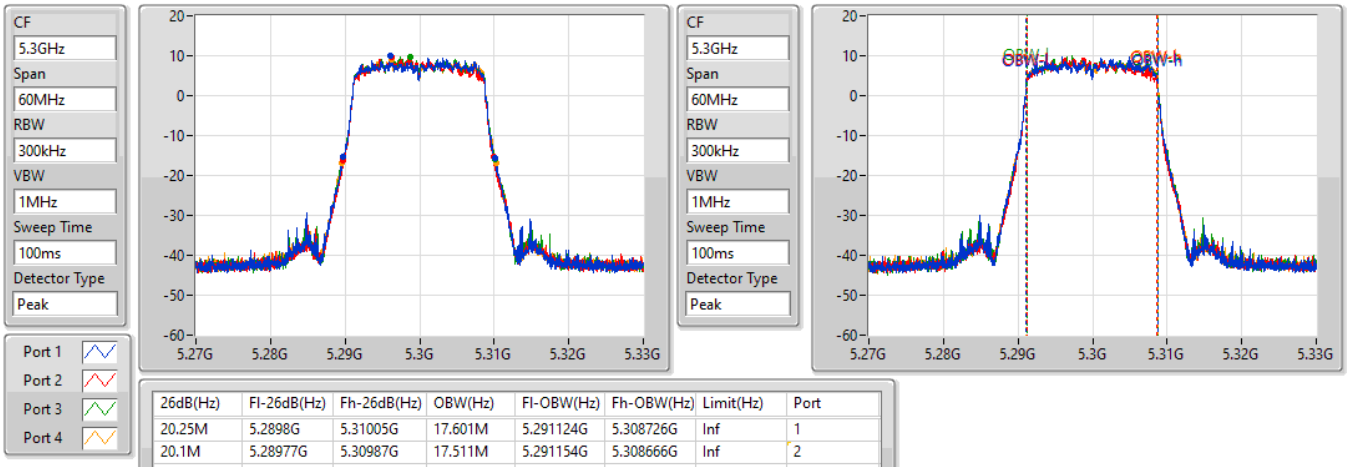


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.24974G	5.27014G	17.601M	5.251124G	5.268726G	Inf	1
20.01M	5.24986G	5.26987G	17.481M	5.251184G	5.268666G	Inf	2
20.4M	5.24977G	5.27017G	17.601M	5.251124G	5.268726G	Inf	3
20.58M	5.24962G	5.2702G	17.601M	5.251124G	5.268726G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5300MHz

08/03/2022

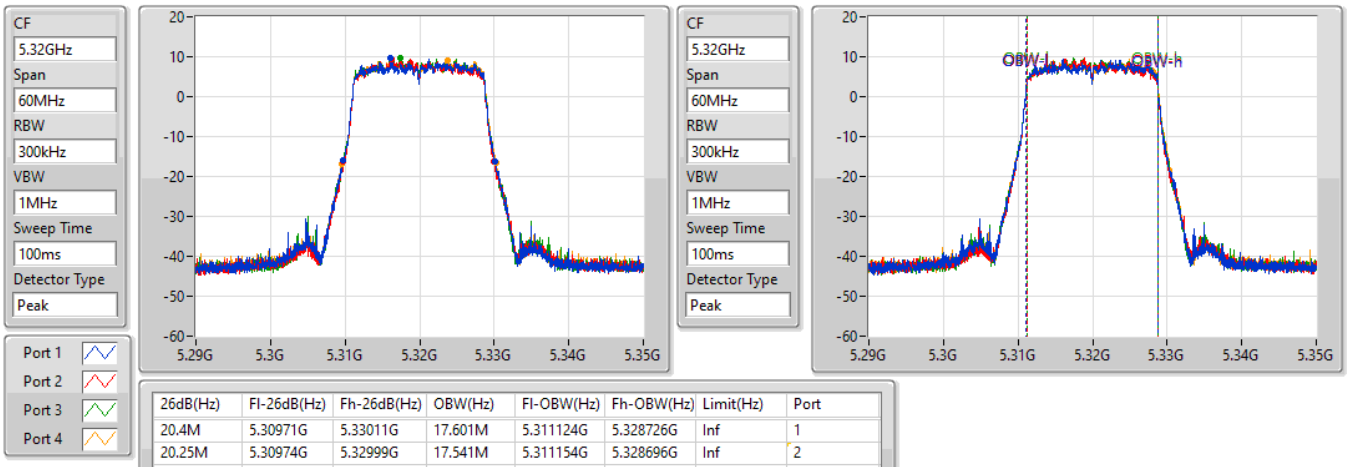


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.25M	5.2898G	5.31005G	17.601M	5.291124G	5.308726G	Inf	1
20.1M	5.28977G	5.30987G	17.511M	5.291154G	5.308666G	Inf	2
20.46M	5.28968G	5.31014G	17.571M	5.291154G	5.308726G	Inf	3
20.64M	5.28962G	5.31026G	17.601M	5.291124G	5.308726G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5320MHz

08/03/2022

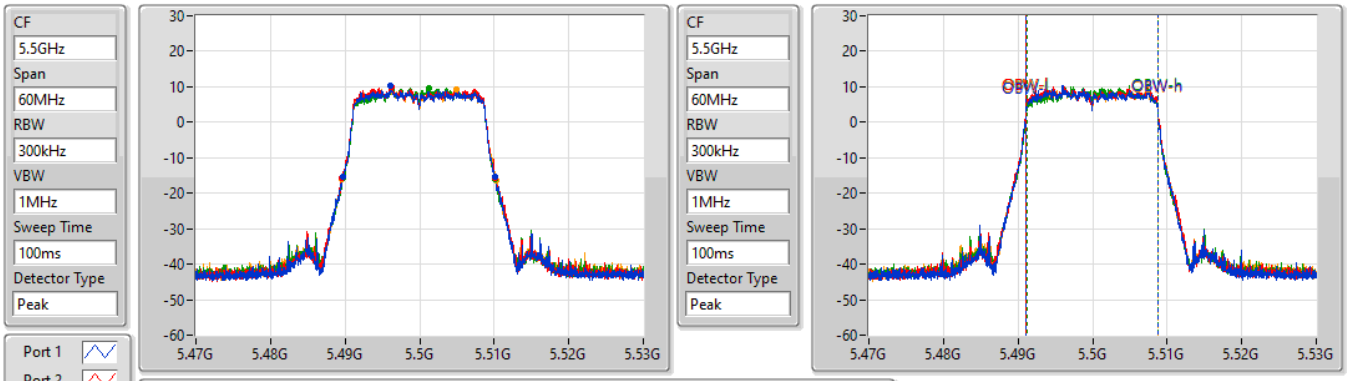


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.30971G	5.33011G	17.601M	5.311124G	5.328726G	Inf	1
20.25M	5.30974G	5.32999G	17.541M	5.311154G	5.328696G	Inf	2
20.46M	5.30965G	5.33011G	17.571M	5.311154G	5.328726G	Inf	3
20.73M	5.30956G	5.33029G	17.601M	5.311154G	5.328756G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5500MHz

08/03/2022

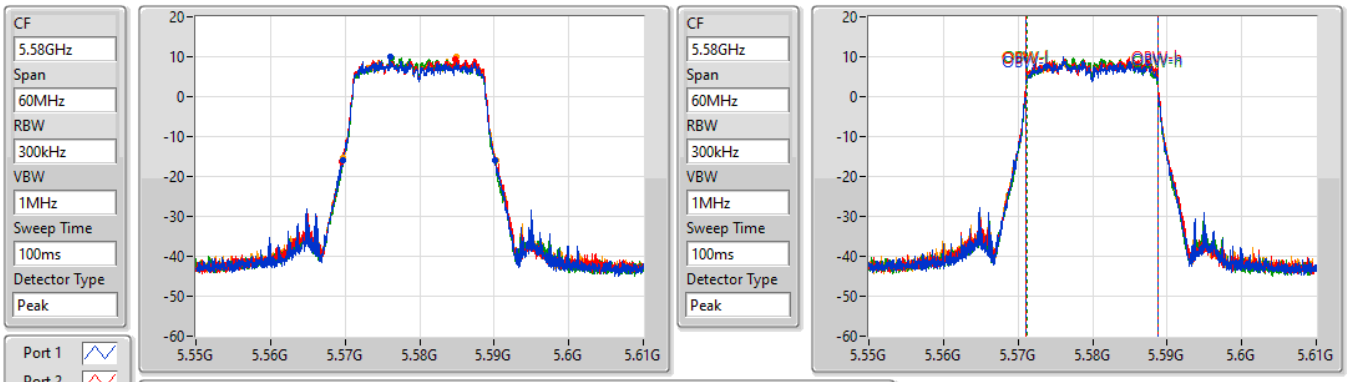


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.43M	5.48968G	5.51011G	17.631M	5.491094G	5.508726G	Inf	1
20.55M	5.48959G	5.51014G	17.661M	5.491094G	5.508756G	Inf	2
20.43M	5.48974G	5.51017G	17.571M	5.491154G	5.508726G	Inf	3
20.73M	5.48956G	5.51029G	17.631M	5.491124G	5.508756G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5580MHz

08/03/2022

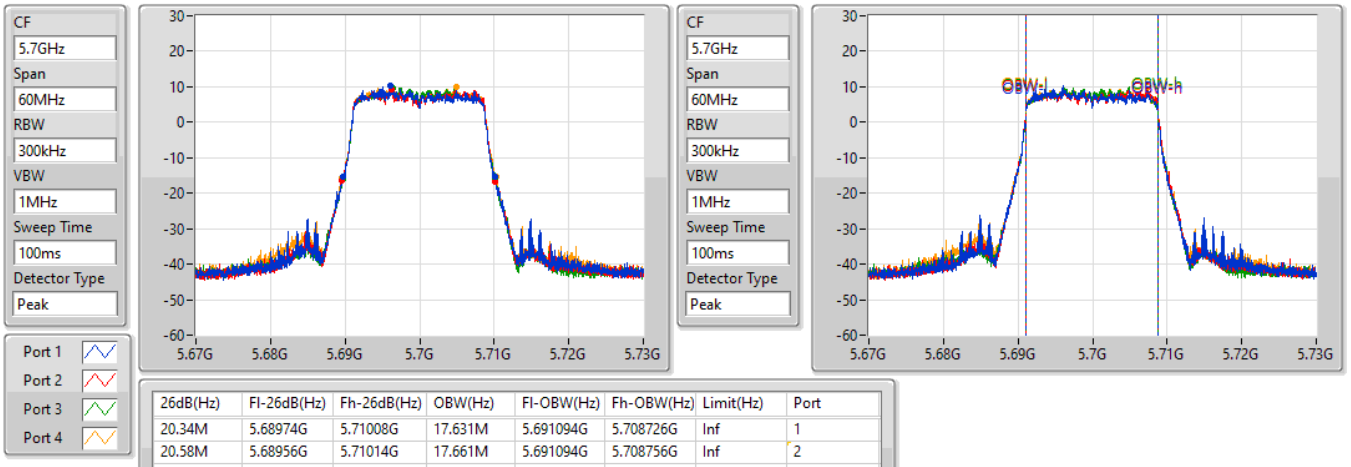


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.37M	5.56971G	5.59008G	17.631M	5.571094G	5.588726G	Inf	1
20.55M	5.56959G	5.59014G	17.661M	5.571094G	5.588756G	Inf	2
20.52M	5.56965G	5.59017G	17.541M	5.571154G	5.588696G	Inf	3
20.58M	5.56965G	5.59023G	17.601M	5.571124G	5.588726G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5700MHz

08/03/2022

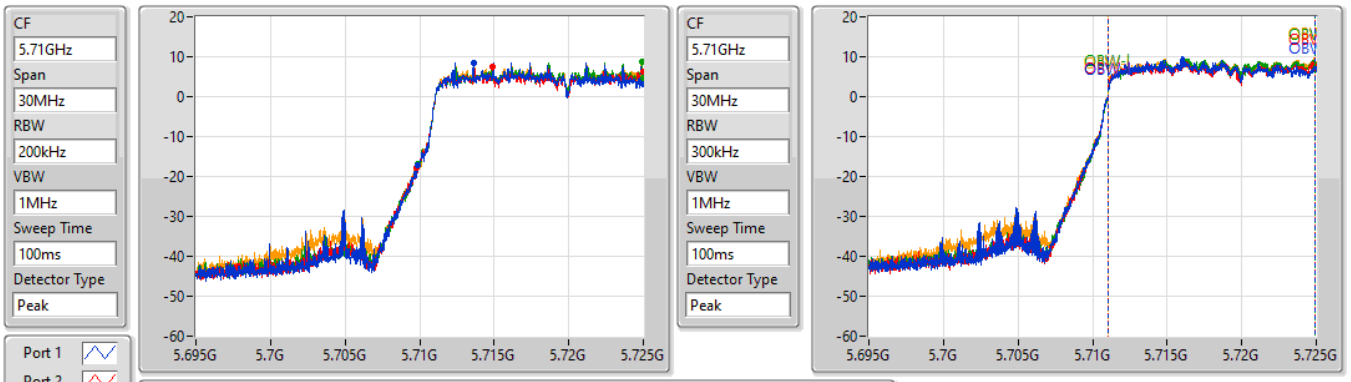


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.34M	5.68974G	5.71008G	17.631M	5.691094G	5.708726G	Inf	1
20.58M	5.68956G	5.71014G	17.661M	5.691094G	5.708756G	Inf	2
20.52M	5.68965G	5.71017G	17.571M	5.691124G	5.708696G	Inf	3
20.58M	5.68962G	5.7102G	17.601M	5.691124G	5.708726G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

08/03/2022

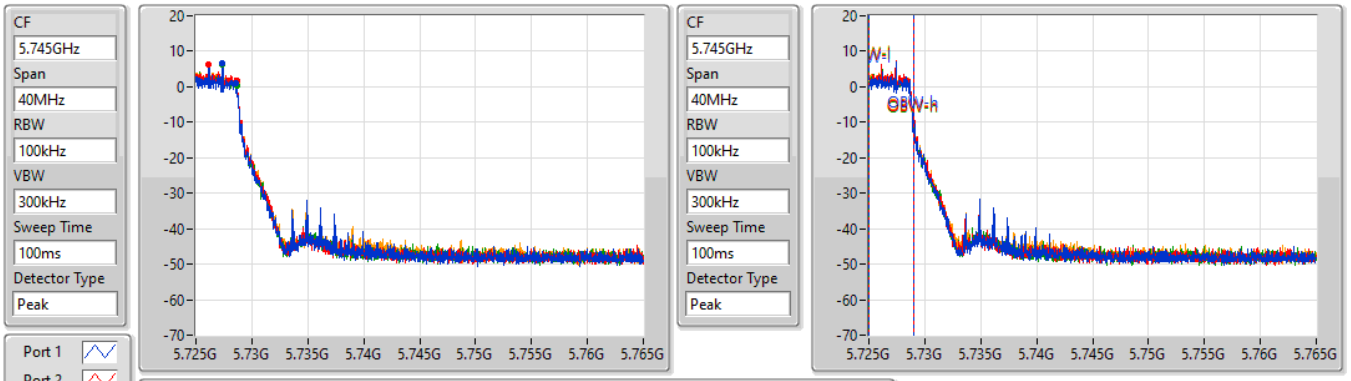


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.105M	5.709895G	5.725G	13.898M	5.711034G	5.724933G	Inf	1
15.24M	5.70976G	5.725G	13.913M	5.711034G	5.724948G	Inf	2
15.12M	5.70988G	5.725G	13.853M	5.711079G	5.724933G	Inf	3
15.075M	5.709925G	5.725G	13.883M	5.711064G	5.724948G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

08/03/2022

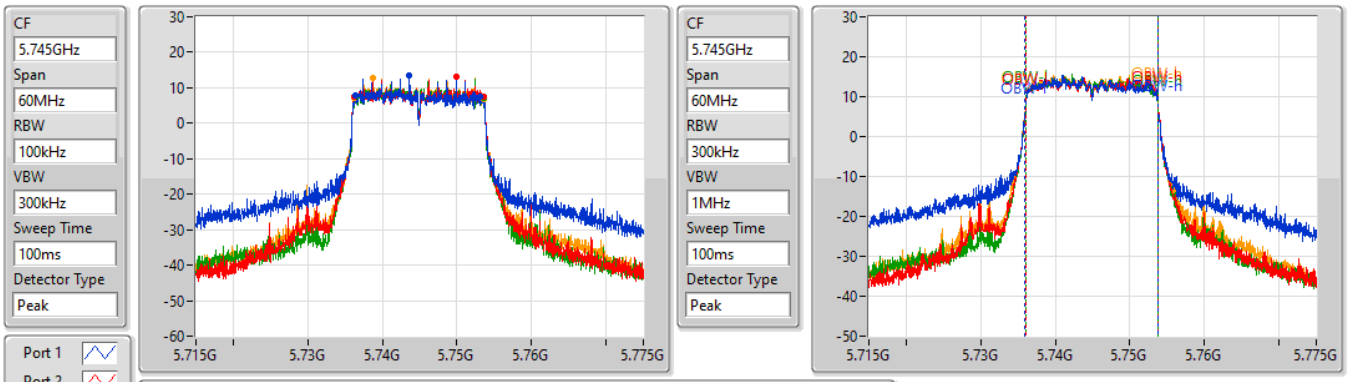


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.52M	5.725G	5.72852G	4.018M	5.72501G	5.729028G	500k	1
3.68M	5.725G	5.72868G	3.998M	5.72501G	5.729008G	500k	2
3.68M	5.725G	5.72868G	3.978M	5.72501G	5.728988G	500k	3
3.68M	5.725G	5.72868G	3.998M	5.72501G	5.729008G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5745MHz

08/03/2022

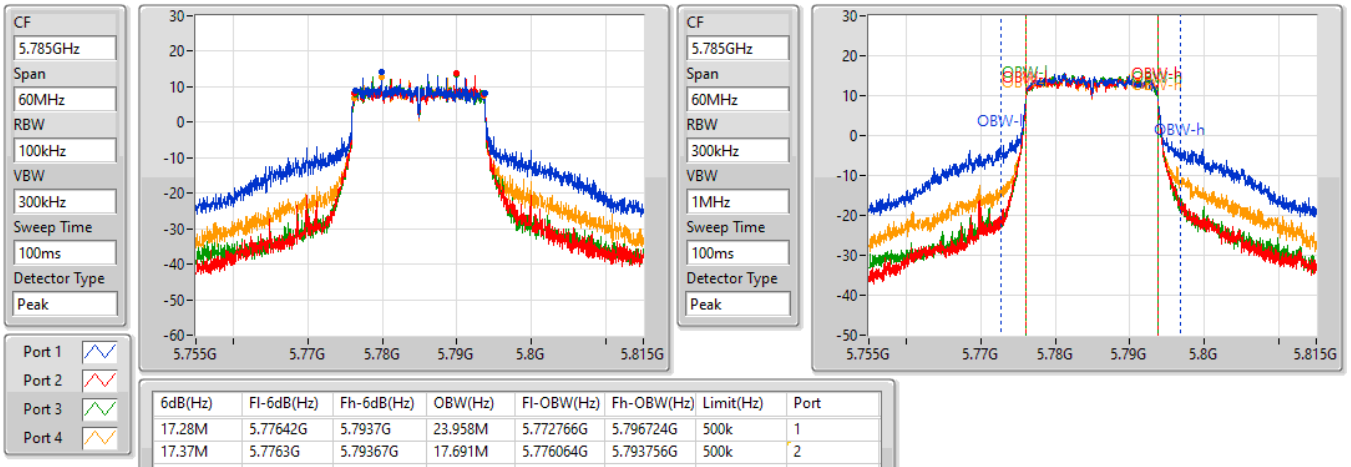


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.71M	5.73642G	5.75313G	17.811M	5.735975G	5.753786G	500k	1
17.37M	5.7363G	5.75367G	17.691M	5.736064G	5.753756G	500k	2
17.13M	5.73642G	5.75355G	17.631M	5.736094G	5.753726G	500k	3
17.52M	5.73615G	5.75367G	17.661M	5.736064G	5.753726G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5785MHz

08/03/2022

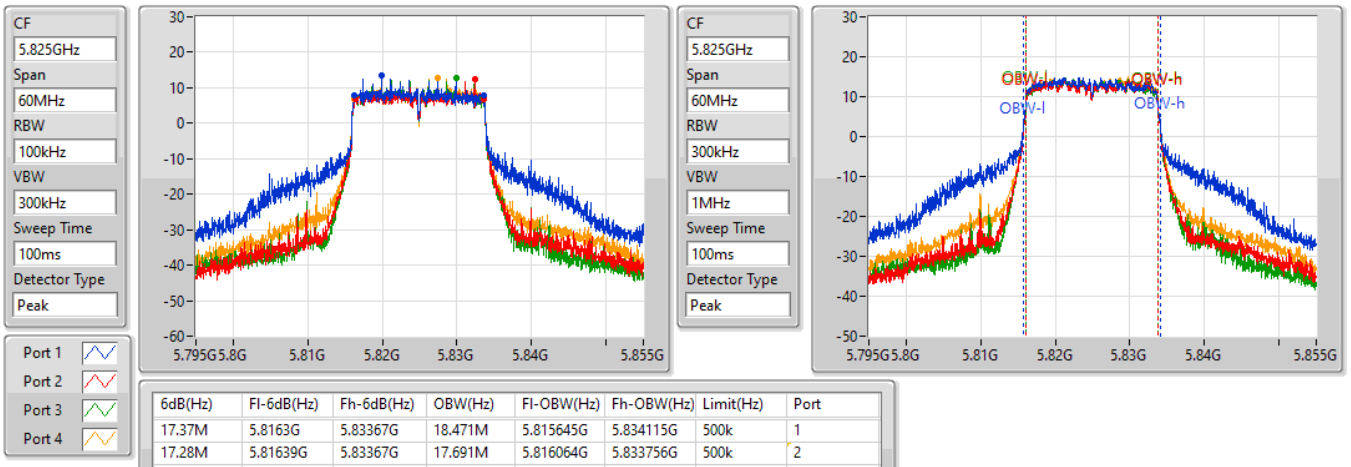


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.28M	5.77642G	5.7937G	23.958M	5.772766G	5.796724G	500k	1
17.37M	5.7763G	5.79367G	17.691M	5.776064G	5.793756G	500k	2
17.1M	5.77642G	5.79352G	17.631M	5.776094G	5.793726G	500k	3
17.52M	5.77615G	5.79367G	17.781M	5.776034G	5.793816G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5825MHz

08/03/2022

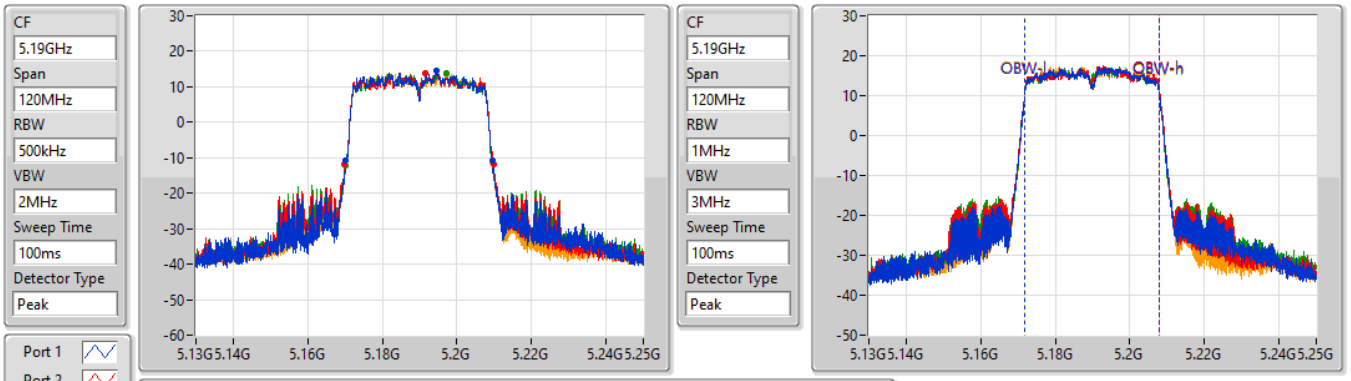


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.37M	5.8163G	5.83367G	18.471M	5.815645G	5.834115G	500k	1
17.28M	5.81639G	5.83367G	17.691M	5.816064G	5.833756G	500k	2
17.13M	5.81639G	5.83352G	17.631M	5.816094G	5.833726G	500k	3
17.52M	5.81615G	5.83367G	17.691M	5.816064G	5.833756G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5190MHz

08/03/2022

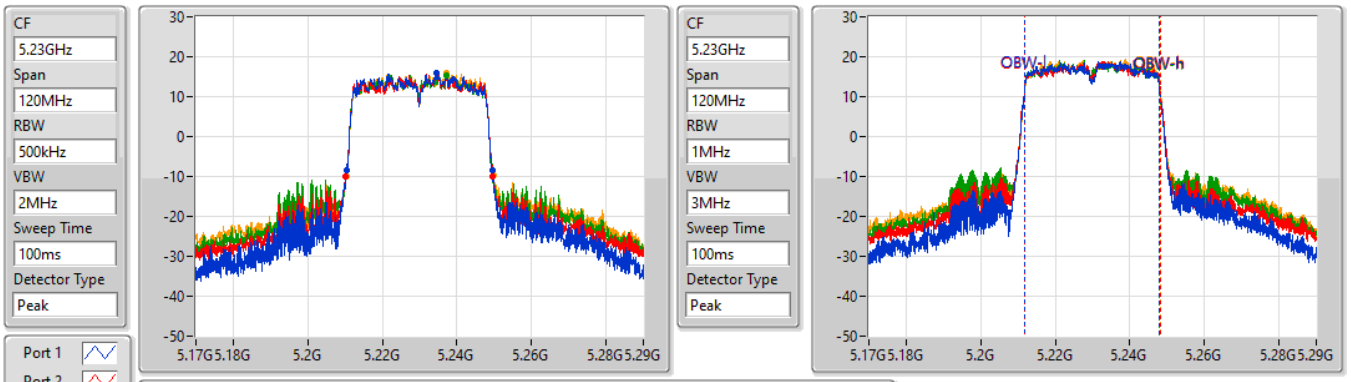


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.42M	5.1702G	5.20962G	35.982M	5.171889G	5.207871G	Inf	1
39.84M	5.1699G	5.20974G	36.162M	5.171829G	5.207991G	Inf	2
39.72M	5.1702G	5.20992G	36.042M	5.171889G	5.207931G	Inf	3
39.36M	5.17026G	5.20962G	35.982M	5.171949G	5.207931G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5230MHz

08/03/2022

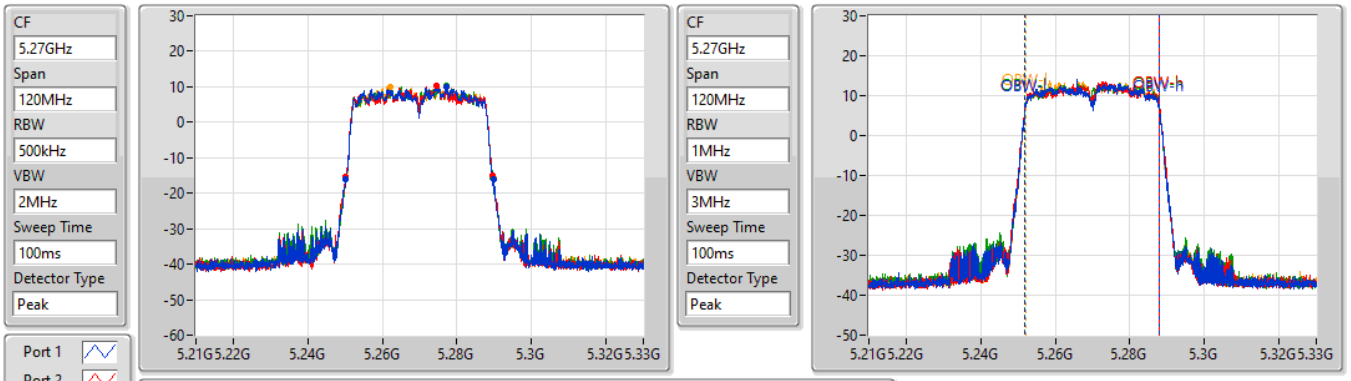


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.12M	5.21044G	5.24956G	36.042M	5.211889G	5.247931G	Inf	1
39.54M	5.21014G	5.24968G	36.222M	5.211829G	5.248051G	Inf	2
39.36M	5.21026G	5.24962G	36.162M	5.211829G	5.247991G	Inf	3
39.36M	5.21038G	5.24974G	36.102M	5.211949G	5.248051G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5270MHz

08/03/2022

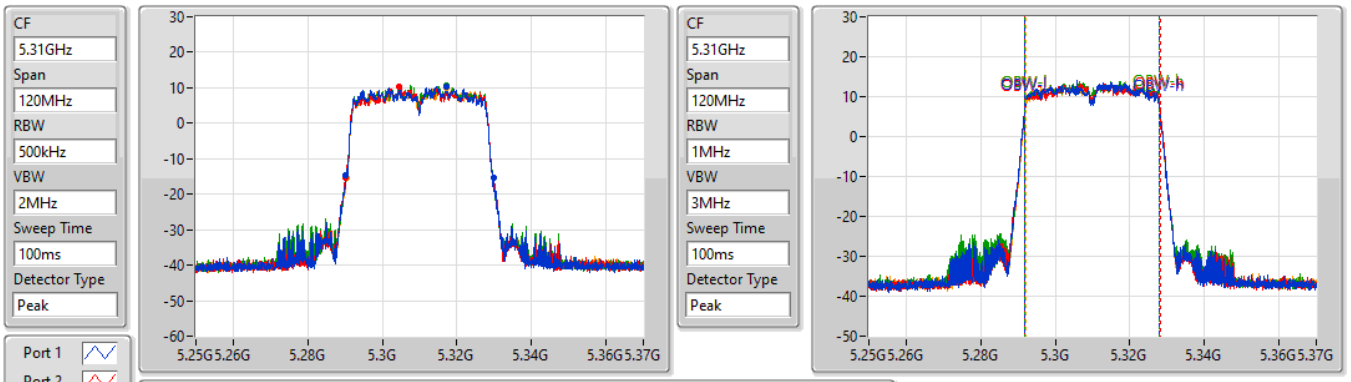


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.72M	5.25008G	5.2898G	36.042M	5.251889G	5.287931G	Inf	1
39.54M	5.25002G	5.28956G	36.162M	5.251829G	5.287991G	Inf	2
39.42M	5.2502G	5.28962G	36.042M	5.251889G	5.287931G	Inf	3
39.48M	5.25026G	5.28974G	35.922M	5.252009G	5.287931G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5310MHz

08/03/2022

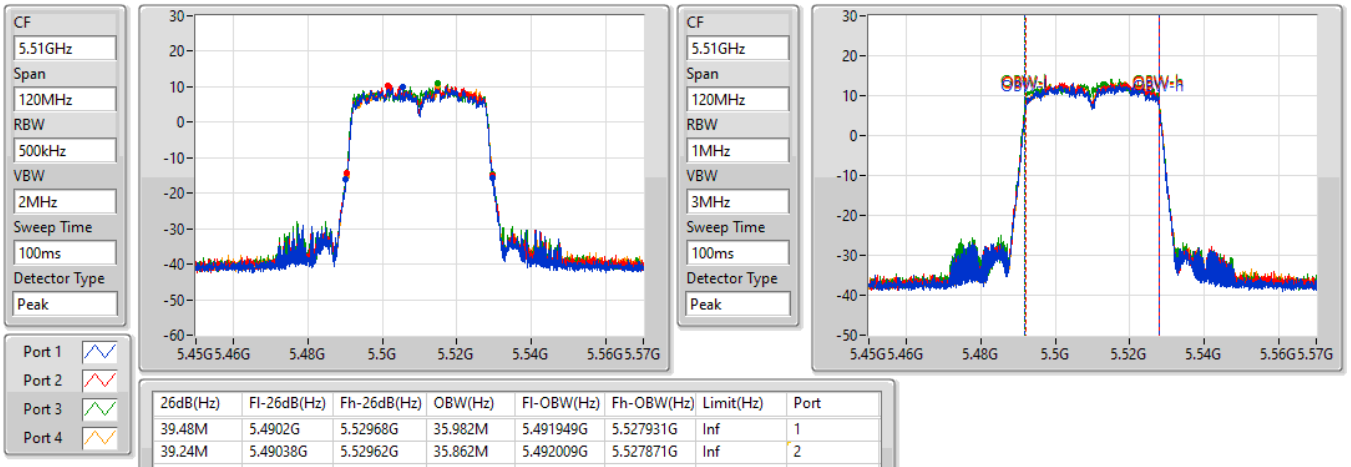


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.66M	5.29014G	5.3298G	36.042M	5.291889G	5.327931G	Inf	1
39.66M	5.29014G	5.3298G	36.162M	5.291889G	5.328051G	Inf	2
39.54M	5.29026G	5.3298G	36.102M	5.291889G	5.327991G	Inf	3
39.42M	5.29038G	5.3298G	35.922M	5.292009G	5.327931G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5510MHz

08/03/2022

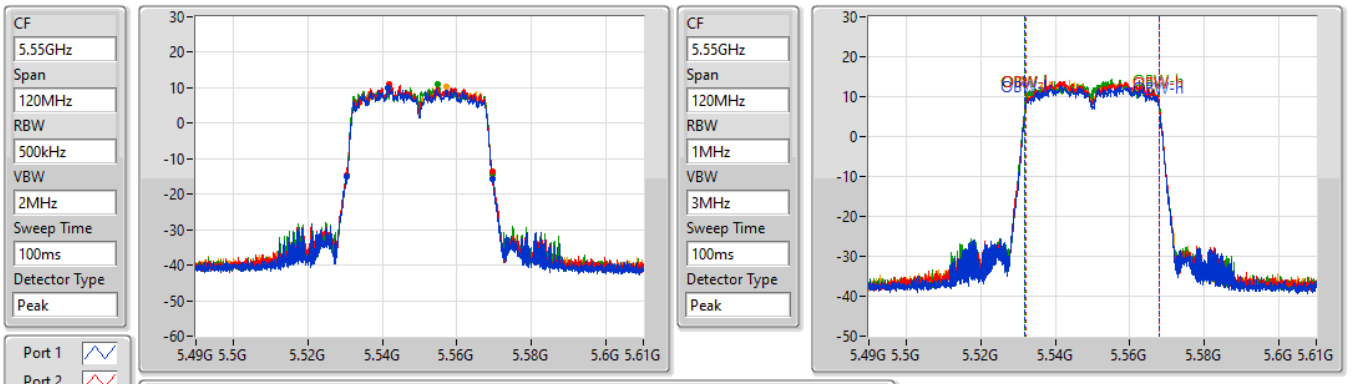


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.48M	5.4902G	5.52968G	35.982M	5.491949G	5.527931G	Inf	1
39.24M	5.49038G	5.52962G	35.862M	5.492009G	5.527871G	Inf	2
39.3M	5.49032G	5.52962G	36.042M	5.491889G	5.527931G	Inf	3
39.24M	5.49038G	5.52962G	35.922M	5.492069G	5.527991G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5550MHz

08/03/2022

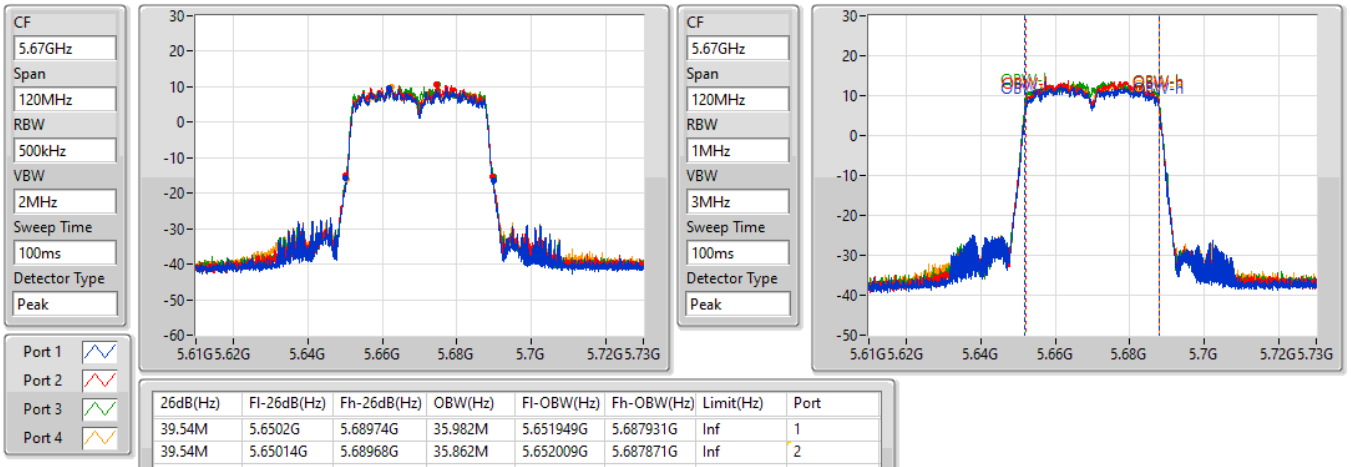


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.3M	5.53038G	5.56968G	35.982M	5.531949G	5.567931G	Inf	1
39.18M	5.53038G	5.56956G	35.862M	5.532009G	5.567871G	Inf	2
39.24M	5.53032G	5.56956G	36.042M	5.531889G	5.567931G	Inf	3
39.3M	5.53038G	5.56968G	35.922M	5.532009G	5.567931G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5670MHz

08/03/2022

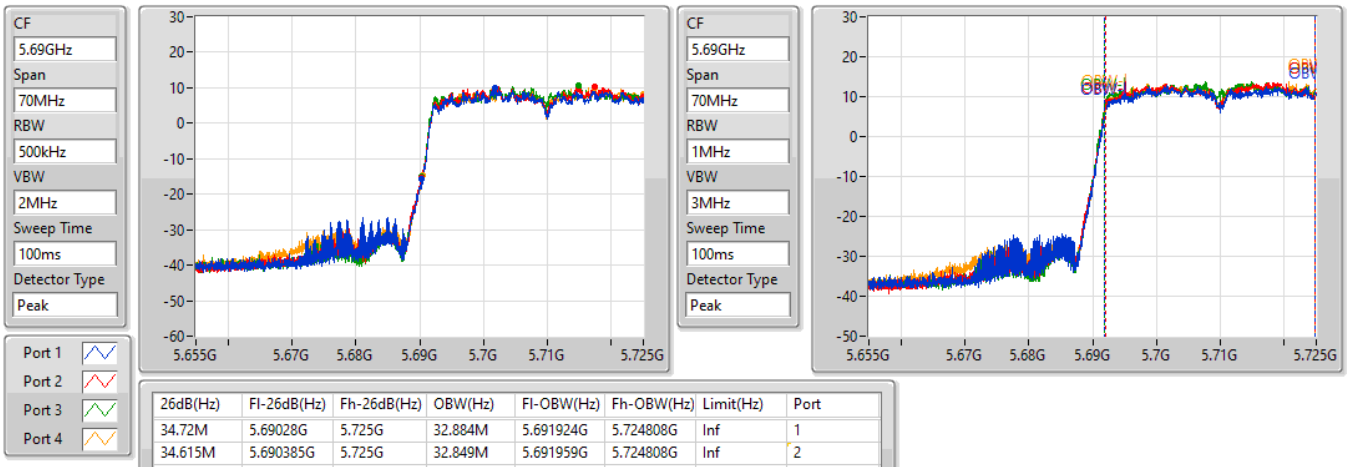


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.54M	5.6502G	5.68974G	35.982M	5.651949G	5.687931G	Inf	1
39.54M	5.65014G	5.68968G	35.862M	5.652009G	5.687871G	Inf	2
39.54M	5.6502G	5.68974G	36.042M	5.651889G	5.687931G	Inf	3
39.42M	5.65032G	5.68974G	35.922M	5.652009G	5.687931G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

08/03/2022

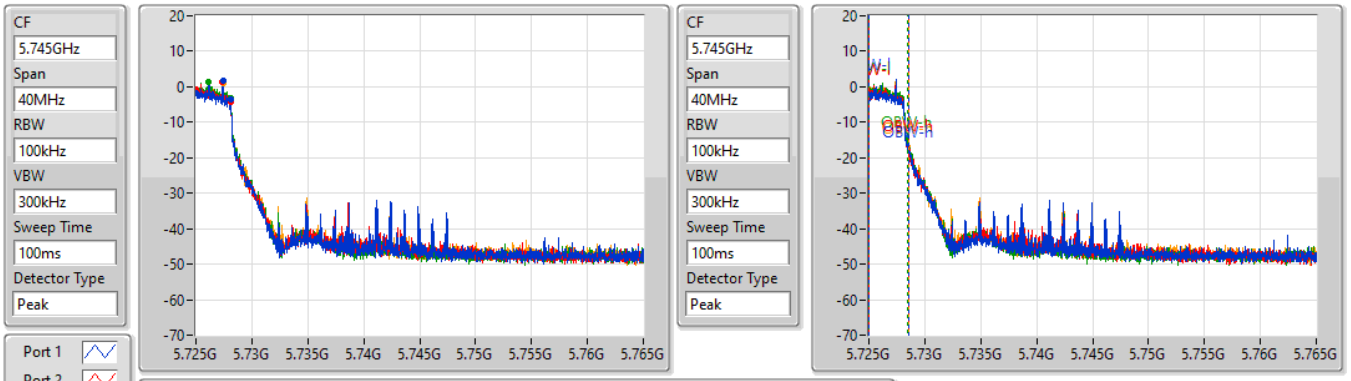


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.72M	5.69028G	5.725G	32.884M	5.691924G	5.724808G	Inf	1
34.615M	5.690385G	5.725G	32.849M	5.691959G	5.724808G	Inf	2
34.72M	5.69028G	5.725G	32.954M	5.691854G	5.724808G	Inf	3
34.58M	5.69042G	5.725G	32.849M	5.691994G	5.724843G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

08/03/2022

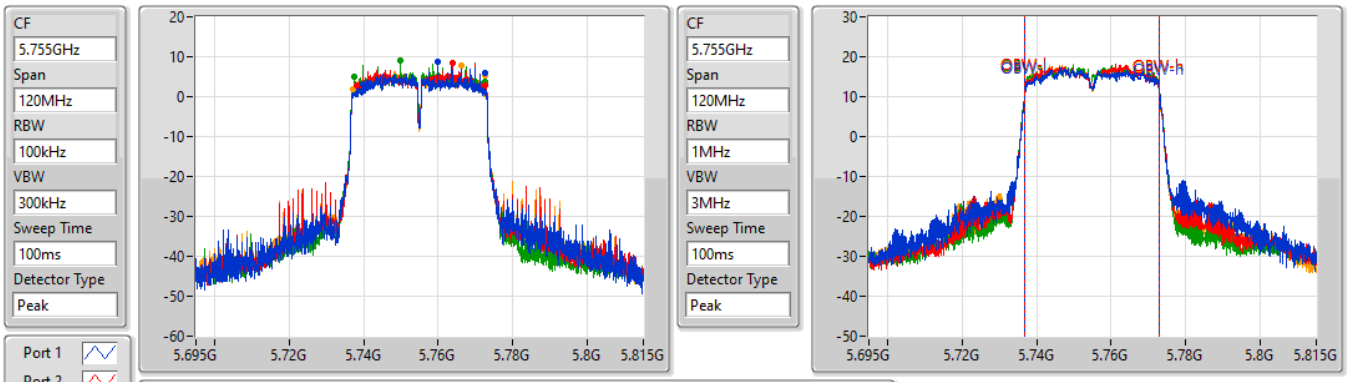


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.1M	5.725G	5.7281G	3.558M	5.72501G	5.728568G	500k	1
3.12M	5.725G	5.72812G	3.518M	5.72501G	5.728528G	500k	2
3.12M	5.725G	5.72812G	3.478M	5.72501G	5.728488G	500k	3
3.12M	5.725G	5.72812G	3.558M	5.72501G	5.728568G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5755MHz

08/03/2022

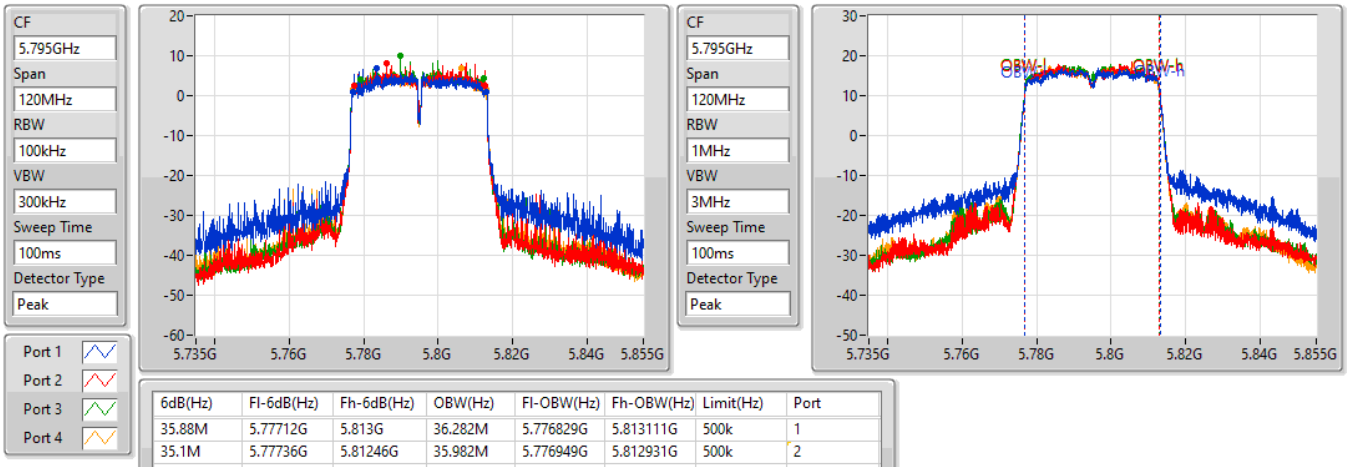


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.82M	5.73964G	5.77246G	36.102M	5.736889G	5.772991G	500k	1
34.38M	5.73808G	5.77246G	35.982M	5.736949G	5.772931G	500k	2
35.04M	5.73742G	5.77246G	36.042M	5.736889G	5.772931G	500k	3
35.16M	5.73724G	5.7724G	35.922M	5.736949G	5.772871G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5795MHz

08/03/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.88M	5.77712G	5.813G	36.282M	5.776829G	5.813111G	500k	1
35.1M	5.77736G	5.81246G	35.982M	5.776949G	5.812931G	500k	2
33.24M	5.7791G	5.81234G	36.042M	5.776889G	5.812931G	500k	3
35.76M	5.77706G	5.81282G	35.922M	5.776949G	5.812871G	500k	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5210MHz

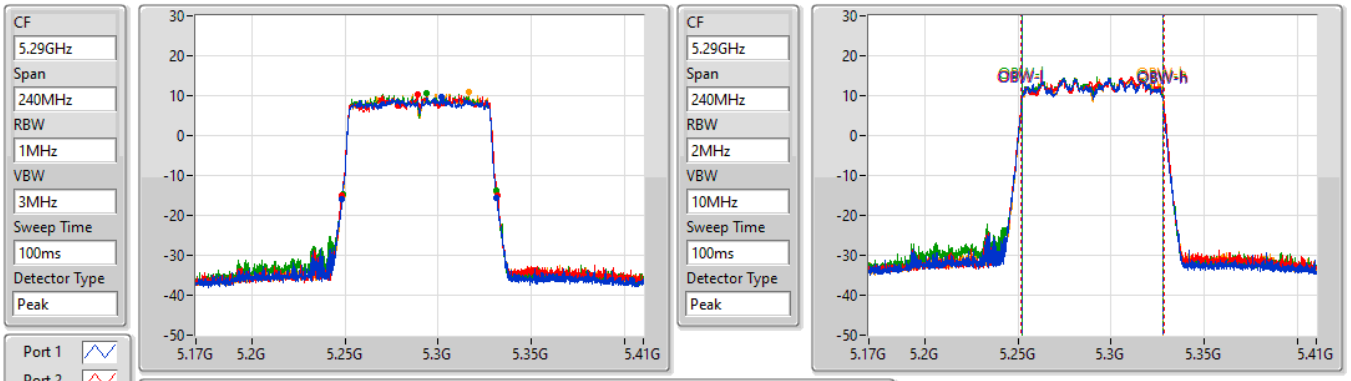
08/03/2022

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.04M	5.16836G	5.2514G	75.802M	5.171979G	5.247781G	Inf	1
83.16M	5.1686G	5.25176G	76.282M	5.171859G	5.248141G	Inf	2
82.92M	5.16848G	5.2514G	75.922M	5.171979G	5.247901G	Inf	3
81.72M	5.1692G	5.25092G	75.922M	5.172219G	5.248141G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5290MHz

08/03/2022

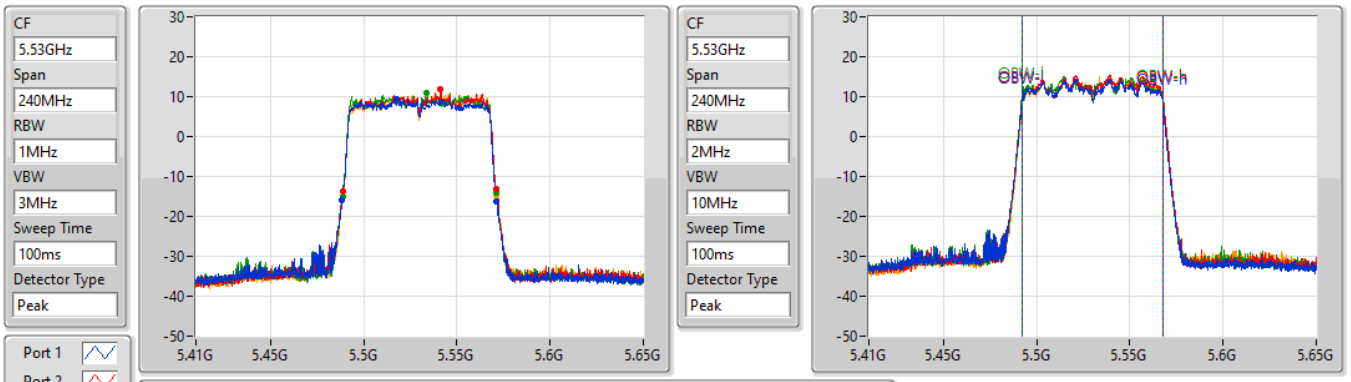


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.92M	5.24848G	5.3314G	75.922M	5.251979G	5.327901G	Inf	1
83.4M	5.24824G	5.33164G	76.282M	5.251859G	5.328141G	Inf	2
82.8M	5.2486G	5.3314G	76.042M	5.251979G	5.328021G	Inf	3
82.56M	5.2486G	5.33116G	75.922M	5.252099G	5.328021G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5530MHz

08/03/2022

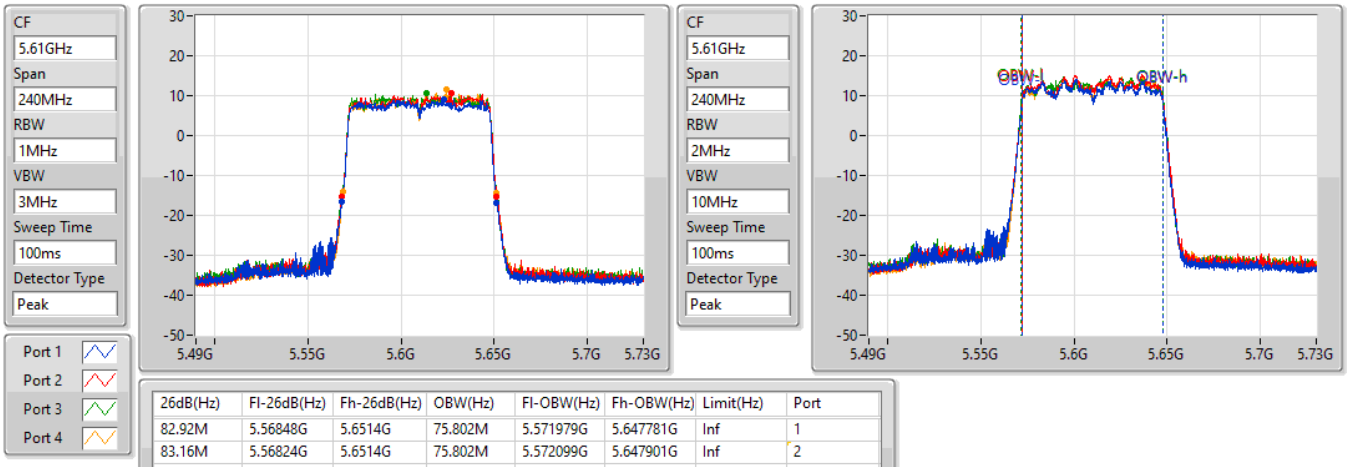


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.04M	5.48836G	5.5714G	75.802M	5.491979G	5.567781G	Inf	1
82.32M	5.48896G	5.57128G	75.682M	5.492219G	5.567901G	Inf	2
82.56M	5.4886G	5.57116G	76.042M	5.491979G	5.568021G	Inf	3
81.96M	5.48908G	5.57104G	75.682M	5.492339G	5.568021G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5610MHz

08/03/2022

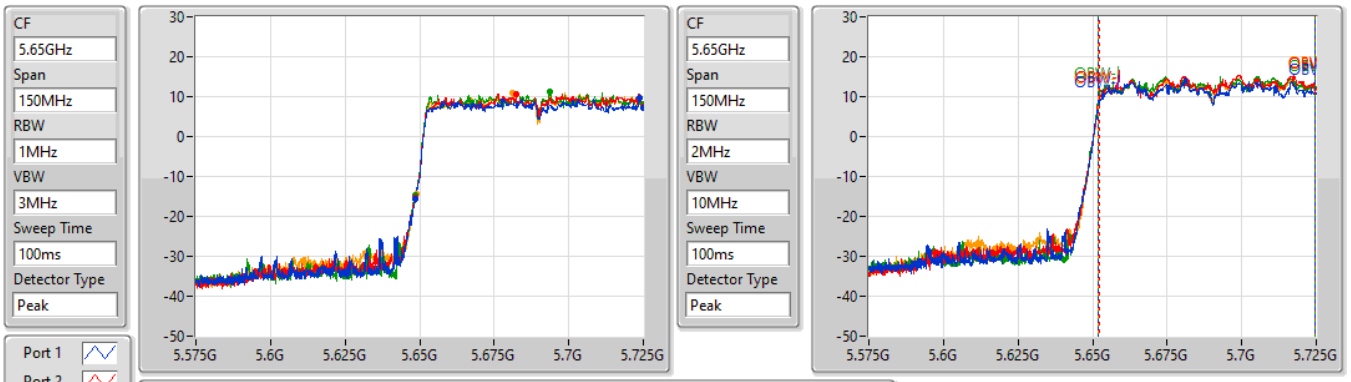


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.92M	5.56848G	5.6514G	75.802M	5.571979G	5.647781G	Inf	1
83.16M	5.56824G	5.6514G	75.802M	5.572099G	5.647901G	Inf	2
82.8M	5.56848G	5.65128G	76.162M	5.571859G	5.648021G	Inf	3
82.08M	5.56908G	5.65116G	75.802M	5.572219G	5.648021G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

08/03/2022

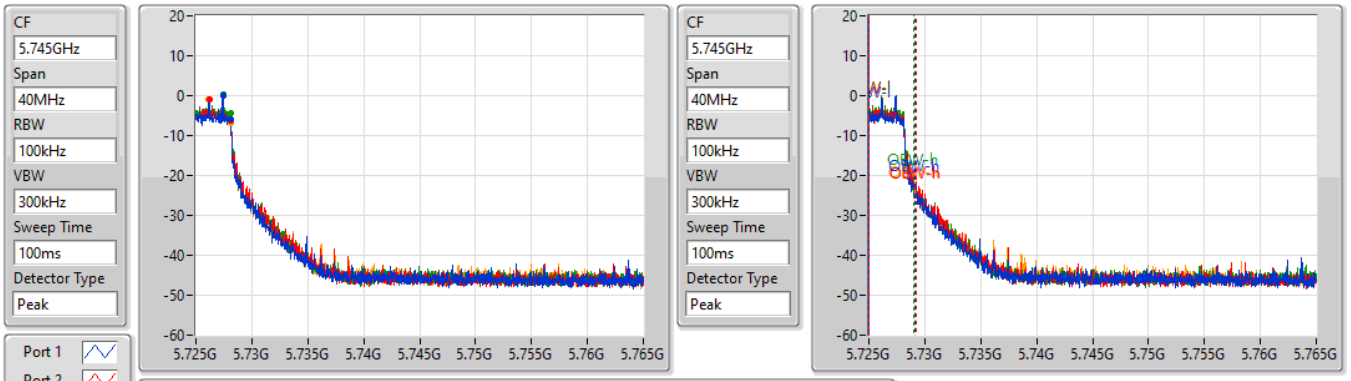


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.5M	5.6485G	5.725G	72.564M	5.651949G	5.724513G	Inf	1
76.575M	5.648425G	5.725G	72.489M	5.652099G	5.724588G	Inf	2
76.5M	5.6485G	5.725G	72.639M	5.651949G	5.724588G	Inf	3
76.125M	5.648875G	5.725G	72.564M	5.652024G	5.724588G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

08/03/2022

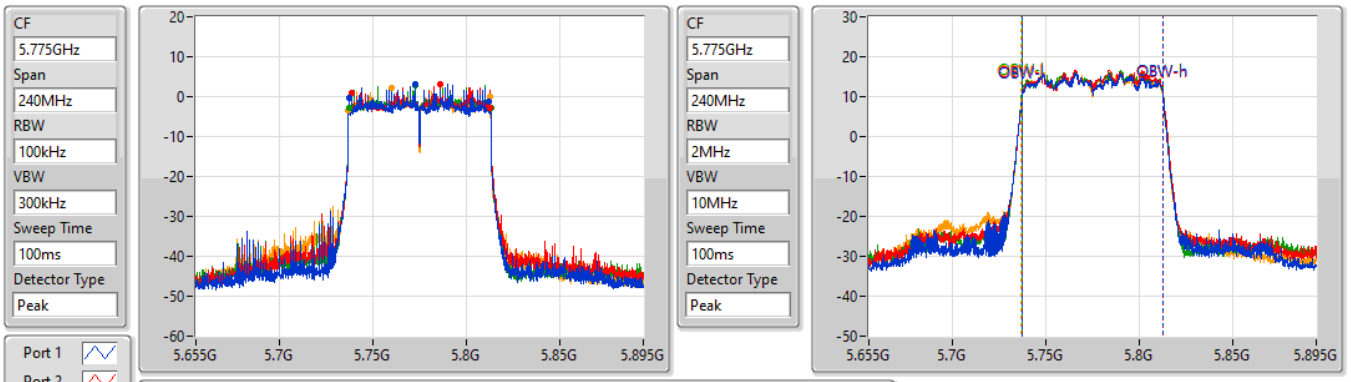


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.06M	5.72502G	5.72808G	4.138M	5.72503G	5.729168G	500k	1
3.14M	5.725G	5.72814G	4.258M	5.72503G	5.729288G	500k	2
3.12M	5.725G	5.72812G	3.998M	5.72503G	5.729028G	500k	3
3.14M	5.725G	5.72814G	4.138M	5.72501G	5.729148G	500k	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5775MHz

08/03/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75M	5.73732G	5.81232G	75.922M	5.736979G	5.812901G	500k	1
74.16M	5.73864G	5.8128G	75.922M	5.737099G	5.813021G	500k	2
76.2M	5.73696G	5.81316G	76.042M	5.736979G	5.813021G	500k	3
75.72M	5.73672G	5.81244G	75.802M	5.736859G	5.812661G	500k	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	35.01M	17.121M	17M1D1D	19.44M	16.432M
802.11ac VHT20_Nss1,(MCS0)_4TX	35.91M	18.141M	18M1D1D	20.31M	17.601M
802.11ac VHT40_Nss1,(MCS0)_4TX	81M	38.981M	39M0D1D	39.24M	35.922M
802.11ac VHT80_Nss1,(MCS0)_4TX	83.88M	76.042M	76M0D1D	82.92M	75.922M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.04M	16.462M	16M5D1D	19.23M	16.402M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.55M	17.631M	17M6D1D	20.25M	17.541M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.08M	36.102M	36M1D1D	39.18M	35.922M
802.11ac VHT80_Nss1,(MCS0)_4TX	84.12M	76.042M	76M0D1D	82.8M	75.922M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.13M	16.492M	16M5D1D	14.565M	13.283M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.82M	17.661M	17M7D1D	15.12M	13.853M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.02M	36.042M	36M0D1D	34.58M	32.744M
802.11ac VHT80_Nss1,(MCS0)_4TX	84M	76.042M	76M0D1D	76.125M	72.414M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.32M	21.289M	21M3D1D	3.06M	3.458M
802.11ac VHT20_Nss1,(MCS0)_4TX	17.64M	44.108M	44M1D1D	3.68M	3.958M
802.11ac VHT40_Nss1,(MCS0)_4TX	35.1M	86.837M	86M8D1D	3.06M	3.578M
802.11ac VHT80_Nss1,(MCS0)_4TX	75.72M	76.282M	76M3D1D	3.04M	4.638M

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

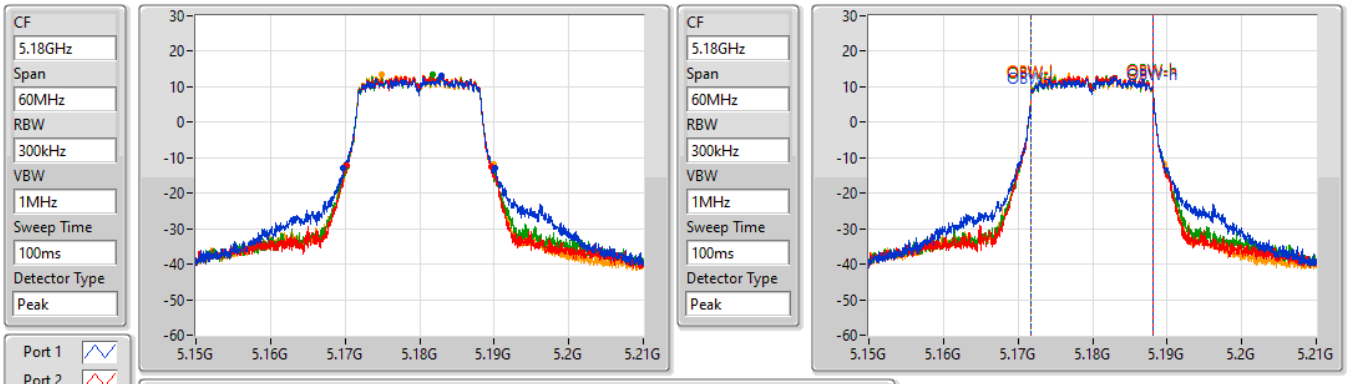
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.31M	16.492M	19.44M	16.432M	19.44M	16.432M	19.95M	16.432M
5200MHz	Pass	Inf	28.17M	16.762M	22.65M	16.612M	20.79M	16.522M	20.04M	16.462M
5240MHz	Pass	Inf	35.01M	17.121M	20.88M	16.522M	21.03M	16.552M	20.94M	16.522M
5260MHz	Pass	Inf	19.68M	16.462M	19.53M	16.402M	19.29M	16.432M	19.59M	16.402M
5300MHz	Pass	Inf	19.95M	16.462M	19.41M	16.402M	19.32M	16.402M	19.92M	16.462M
5320MHz	Pass	Inf	19.74M	16.462M	19.5M	16.432M	19.23M	16.402M	20.04M	16.462M
5500MHz	Pass	Inf	20.01M	16.492M	19.77M	16.462M	19.41M	16.432M	19.95M	16.432M
5580MHz	Pass	Inf	19.98M	16.492M	19.71M	16.492M	19.47M	16.432M	19.92M	16.462M
5700MHz	Pass	Inf	19.92M	16.492M	20.13M	16.492M	19.71M	16.462M	20.01M	16.462M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.09M	13.298M	14.7M	13.328M	14.91M	13.298M	14.565M	13.283M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.06M	3.478M	3.08M	3.498M	3.06M	3.458M	3.06M	3.478M
5745MHz	Pass	500k	16.29M	16.612M	16.29M	16.522M	16.32M	16.462M	16.29M	16.462M
5785MHz	Pass	500k	16.29M	21.289M	15.93M	16.762M	16.26M	16.702M	16.29M	16.462M
5825MHz	Pass	500k	16.29M	18.891M	16.29M	16.612M	16.29M	16.522M	16.29M	16.462M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.31M	17.601M	20.52M	17.601M	21.42M	17.631M	20.79M	17.601M
5200MHz	Pass	Inf	27.72M	17.841M	21.18M	17.661M	22.08M	17.661M	20.94M	17.631M
5240MHz	Pass	Inf	35.91M	18.141M	21.57M	17.661M	22.68M	17.721M	21.51M	17.691M
5260MHz	Pass	Inf	20.37M	17.601M	20.37M	17.541M	20.49M	17.541M	20.37M	17.601M
5300MHz	Pass	Inf	20.55M	17.601M	20.25M	17.571M	20.49M	17.571M	20.37M	17.631M
5320MHz	Pass	Inf	20.4M	17.601M	20.34M	17.571M	20.43M	17.601M	20.55M	17.631M
5500MHz	Pass	Inf	20.52M	17.631M	20.55M	17.661M	20.58M	17.571M	20.55M	17.601M
5580MHz	Pass	Inf	20.61M	17.631M	20.58M	17.661M	20.61M	17.601M	20.43M	17.631M
5700MHz	Pass	Inf	20.46M	17.601M	20.82M	17.661M	20.64M	17.631M	20.49M	17.631M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.12M	13.853M	15.18M	13.898M	15.21M	13.883M	15.21M	13.883M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.7M	4.018M	3.68M	3.998M	3.72M	3.978M	3.7M	3.958M
5745MHz	Pass	500k	17.22M	17.721M	17.55M	17.661M	16.53M	17.661M	17.55M	17.631M
5785MHz	Pass	500k	17.64M	44.108M	17.55M	18.171M	17.46M	18.231M	16.5M	17.721M
5825MHz	Pass	500k	17.64M	43.898M	17.58M	21.559M	17.55M	24.288M	16.53M	17.901M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.9M	35.982M	40.08M	36.042M	39.36M	35.982M	39.24M	35.922M
5230MHz	Pass	Inf	81M	38.981M	56.28M	36.462M	70.62M	36.522M	46.74M	36.282M
5270MHz	Pass	Inf	39.9M	35.982M	39.84M	36.102M	39.6M	35.982M	39.24M	35.922M
5310MHz	Pass	Inf	39.96M	35.982M	40.08M	36.042M	39.66M	36.042M	39.18M	35.922M
5510MHz	Pass	Inf	39.78M	35.982M	40.02M	35.982M	39.54M	36.042M	39.24M	35.862M
5550MHz	Pass	Inf	39.84M	35.922M	39.9M	35.922M	39.66M	36.042M	39.12M	35.922M
5670MHz	Pass	Inf	39.96M	35.982M	39.78M	35.922M	39.42M	35.922M	39.12M	35.982M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.755M	32.779M	34.895M	32.744M	34.755M	32.814M	34.58M	32.849M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	3.658M	3.06M	3.598M	3.06M	3.578M	3.08M	3.618M
5755MHz	Pass	500k	34.98M	40.66M	33.78M	36.282M	33.84M	36.102M	35.1M	36.042M
5795MHz	Pass	500k	31.26M	86.837M	33.78M	37.361M	31.86M	41.079M	35.04M	36.282M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	83.52M	75.922M	83.52M	75.922M	83.88M	75.922M	82.92M	76.042M
5290MHz	Pass	Inf	83.16M	75.922M	83.52M	76.042M	84.12M	76.042M	82.8M	75.922M
5530MHz	Pass	Inf	83.16M	75.802M	83.4M	75.802M	84M	76.042M	82.44M	75.802M
5610MHz	Pass	Inf	83.4M	75.922M	83.16M	75.802M	83.88M	75.922M	82.68M	75.922M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.425M	72.414M	76.425M	72.414M	76.575M	72.414M	76.125M	72.489M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.04M	15.132M	3.04M	4.678M	3.06M	4.638M	3.06M	5.397M
5775MHz	Pass	500k	75.72M	76.282M	75.36M	75.922M	75M	75.922M	74.4M	76.042M

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

15/03/2022

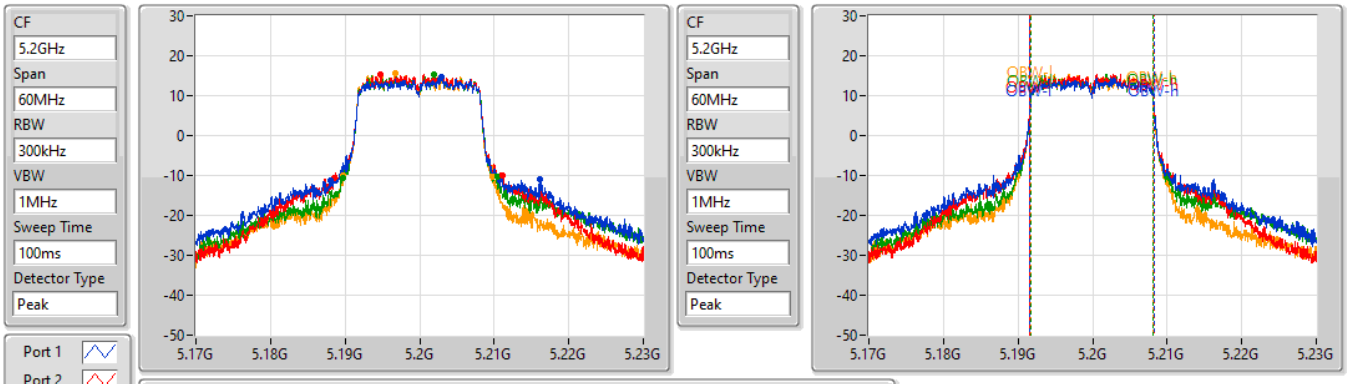


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.31M	5.1698G	5.19011G	16.492M	5.171694G	5.188186G	Inf	1
19.44M	5.17016G	5.1896G	16.432M	5.171724G	5.188156G	Inf	2
19.44M	5.17022G	5.18966G	16.432M	5.171724G	5.188156G	Inf	3
19.95M	5.16995G	5.1899G	16.432M	5.171724G	5.188156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5200MHz

15/03/2022

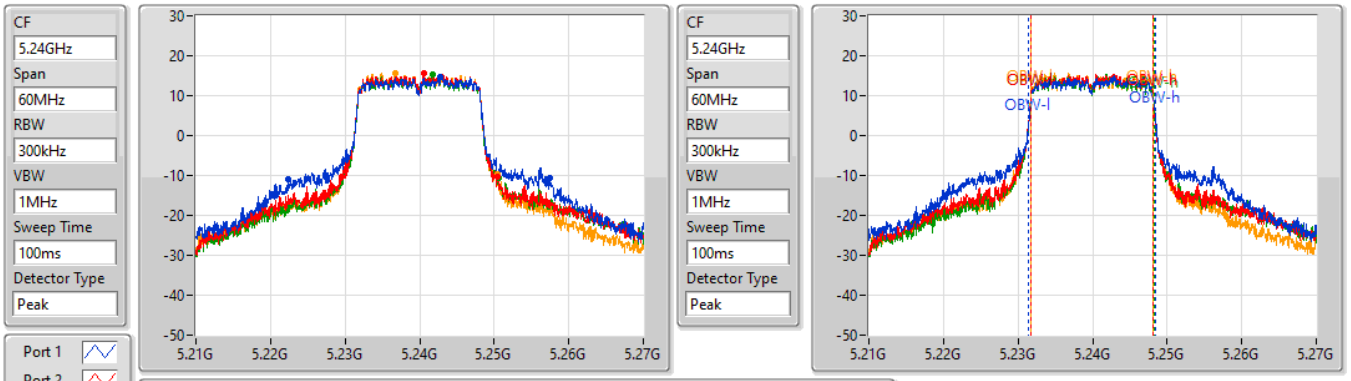


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.17M	5.188G	5.21617G	16.762M	5.191544G	5.208306G	Inf	1
22.65M	5.18854G	5.21119G	16.612M	5.191604G	5.208216G	Inf	2
20.79M	5.18965G	5.21044G	16.522M	5.191664G	5.208186G	Inf	3
20.04M	5.1898G	5.20984G	16.462M	5.191694G	5.208156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5240MHz

15/03/2022

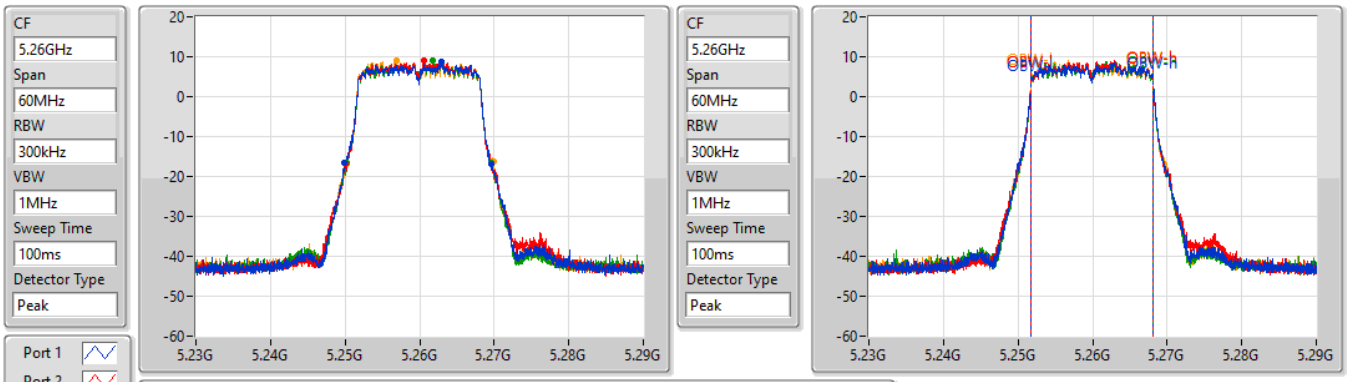


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.01M	5.22239G	5.2574G	17.121M	5.231364G	5.248486G	Inf	1
20.88M	5.22959G	5.25047G	16.522M	5.231664G	5.248186G	Inf	2
21.03M	5.2295G	5.25053G	16.552M	5.231664G	5.248216G	Inf	3
20.94M	5.22953G	5.25047G	16.522M	5.231664G	5.248186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5260MHz

15/03/2022

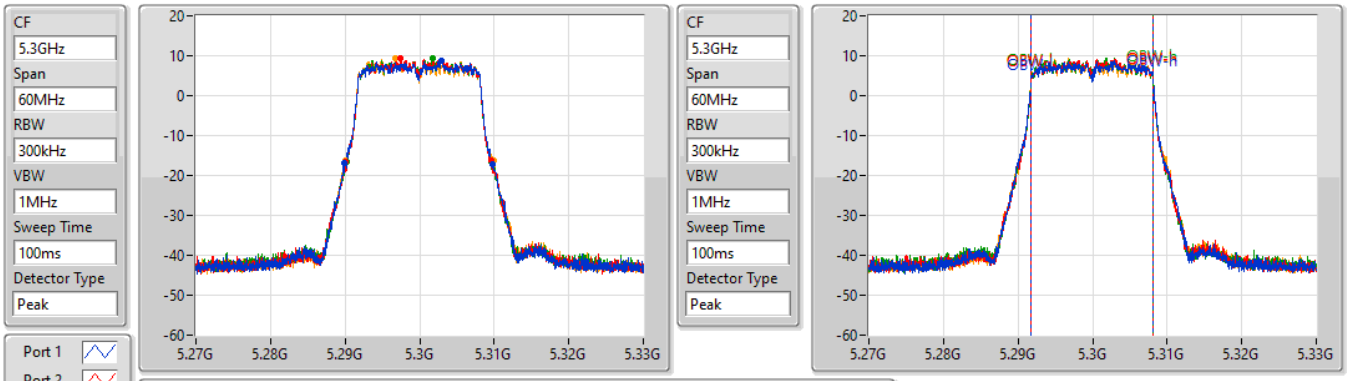


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.68M	5.24992G	5.2696G	16.462M	5.251694G	5.268156G	Inf	1
19.53M	5.25007G	5.2696G	16.402M	5.251724G	5.268126G	Inf	2
19.29M	5.25028G	5.26957G	16.432M	5.251724G	5.268156G	Inf	3
19.59M	5.25028G	5.26987G	16.402M	5.251724G	5.268126G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

15/03/2022

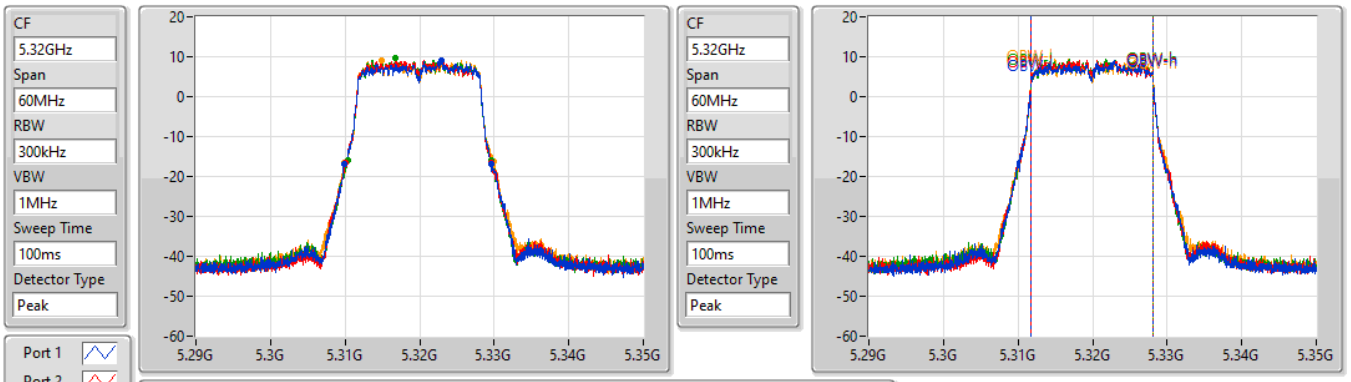


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.95M	5.28986G	5.30981G	16.462M	5.291694G	5.308156G	Inf	1
19.41M	5.29013G	5.30954G	16.402M	5.291724G	5.308126G	Inf	2
19.32M	5.29028G	5.3096G	16.402M	5.291724G	5.308126G	Inf	3
19.92M	5.29001G	5.30993G	16.462M	5.291694G	5.308156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

15/03/2022

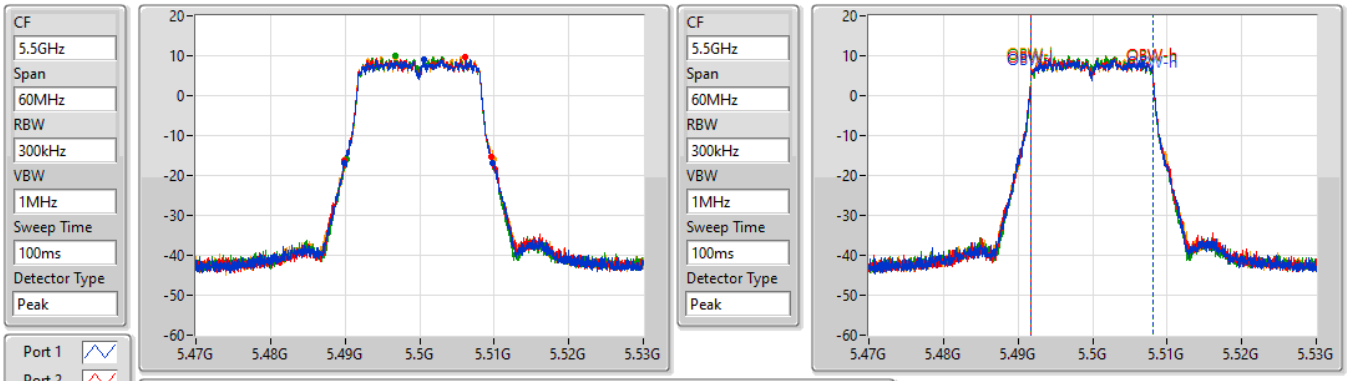


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.74M	5.30989G	5.32963G	16.462M	5.311694G	5.328156G	Inf	1
19.5M	5.3101G	5.3296G	16.432M	5.311694G	5.328126G	Inf	2
19.23M	5.31031G	5.32954G	16.402M	5.311724G	5.328126G	Inf	3
20.04M	5.30995G	5.32999G	16.462M	5.311724G	5.328186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

15/03/2022

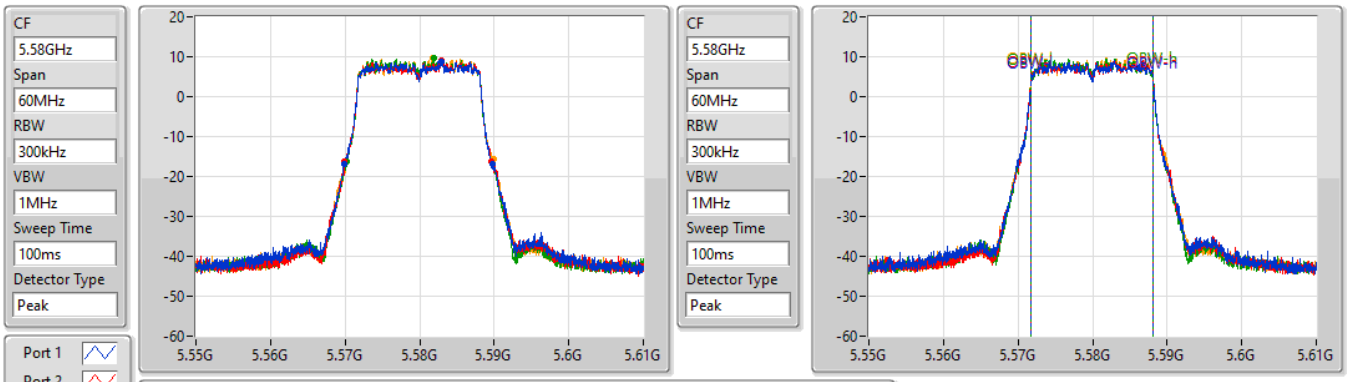


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.01M	5.48983G	5.50984G	16.492M	5.491694G	5.508186G	Inf	1
19.77M	5.48986G	5.50963G	16.462M	5.491694G	5.508156G	Inf	2
19.41M	5.49019G	5.5096G	16.432M	5.491724G	5.508156G	Inf	3
19.95M	5.48998G	5.50993G	16.432M	5.491724G	5.508156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

15/03/2022

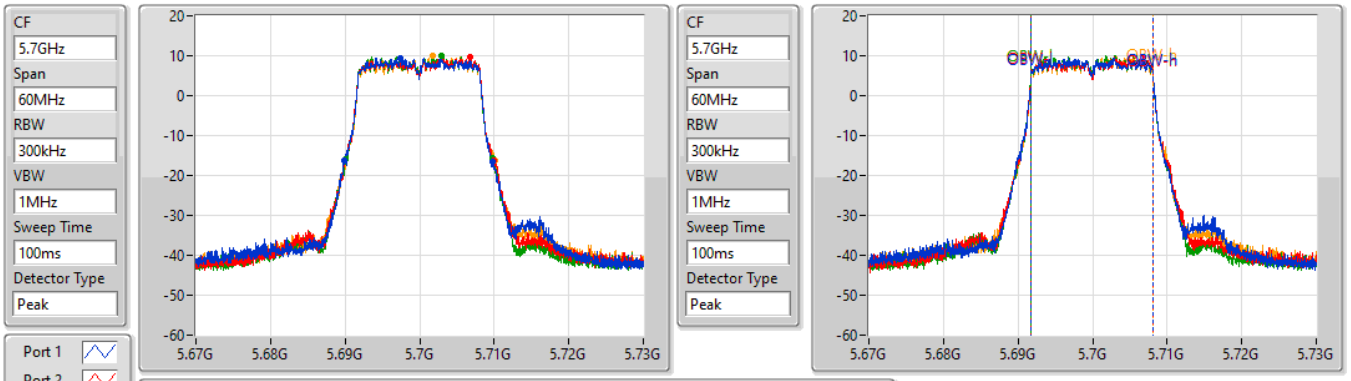


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.98M	5.56983G	5.58981G	16.492M	5.571694G	5.588186G	Inf	1
19.71M	5.56992G	5.58963G	16.492M	5.571694G	5.588186G	Inf	2
19.47M	5.57019G	5.58966G	16.432M	5.571724G	5.588156G	Inf	3
19.92M	5.57004G	5.58996G	16.462M	5.571694G	5.588156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

15/03/2022

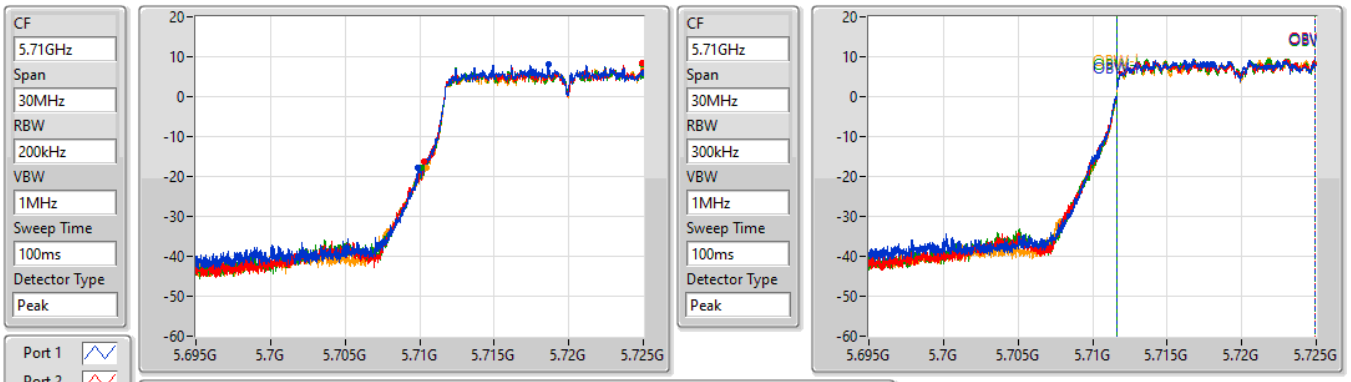


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.92M	5.68983G	5.70975G	16.492M	5.691694G	5.708186G	Inf	1
20.13M	5.68986G	5.70999G	16.492M	5.691694G	5.708186G	Inf	2
19.71M	5.69001G	5.70972G	16.462M	5.691694G	5.708156G	Inf	3
20.01M	5.69004G	5.71005G	16.462M	5.691694G	5.708156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

15/03/2022

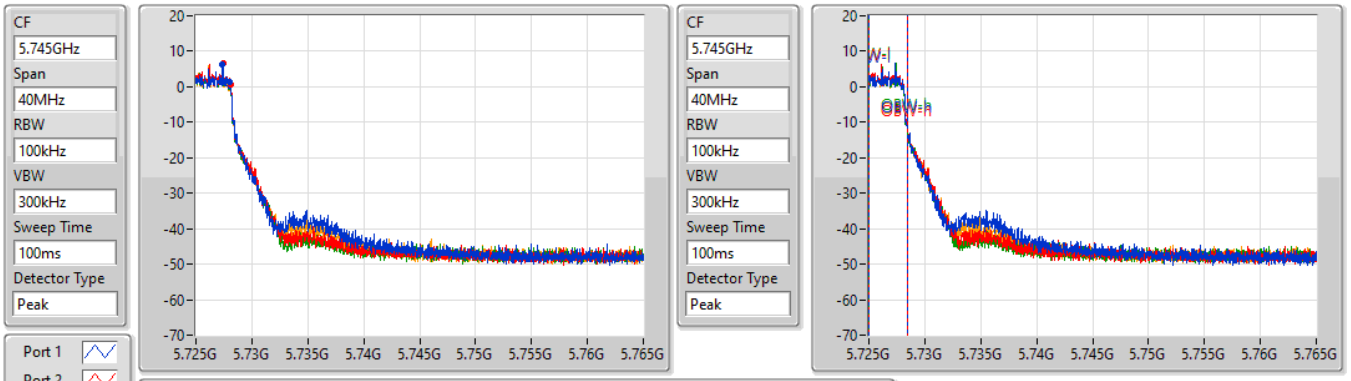


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.09M	5.70991G	5.725G	13.298M	5.711634G	5.724933G	Inf	1
14.7M	5.7103G	5.725G	13.328M	5.711619G	5.724948G	Inf	2
14.91M	5.71009G	5.725G	13.298M	5.711649G	5.724948G	Inf	3
14.565M	5.710435G	5.725G	13.283M	5.711664G	5.724948G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

15/03/2022

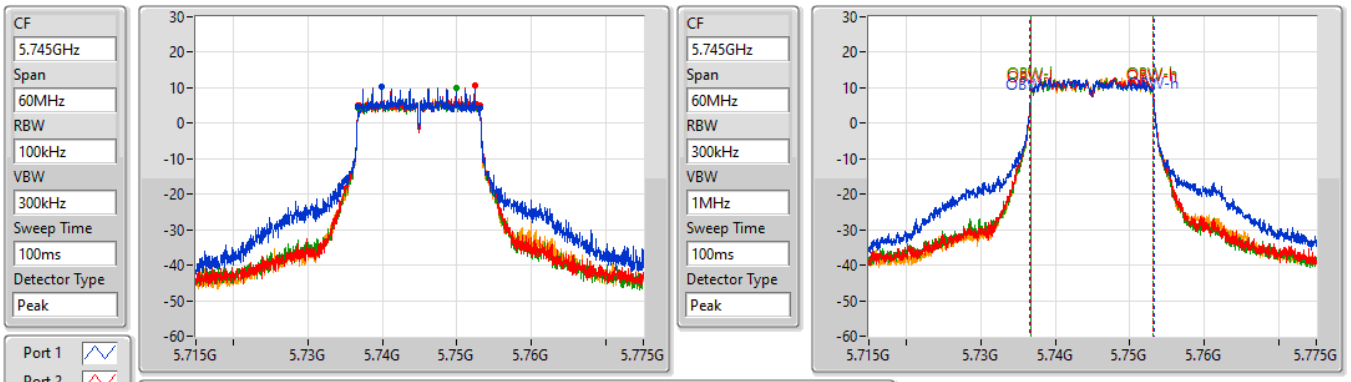


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.06M	5.725G	5.72806G	3.478M	5.72501G	5.728488G	500k	1
3.08M	5.725G	5.72808G	3.498M	5.72501G	5.728508G	500k	2
3.06M	5.725G	5.72806G	3.458M	5.72501G	5.728468G	500k	3
3.06M	5.725G	5.72806G	3.478M	5.72501G	5.728488G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5745MHz

15/03/2022

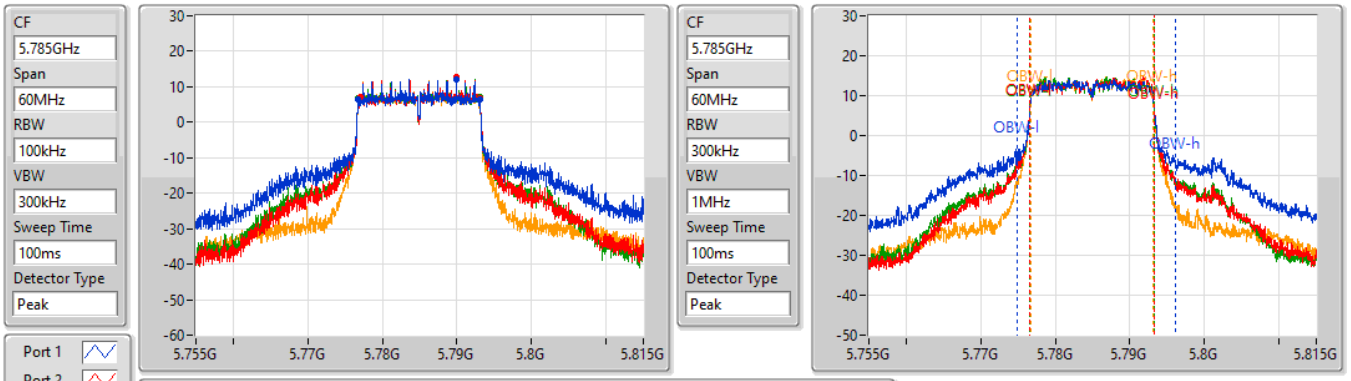


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.73678G	5.75307G	16.612M	5.736604G	5.753216G	500k	1
16.29M	5.73678G	5.75307G	16.522M	5.736664G	5.753186G	500k	2
16.32M	5.73675G	5.75307G	16.462M	5.736694G	5.753156G	500k	3
16.29M	5.73678G	5.75307G	16.462M	5.736694G	5.753156G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5785MHz

15/03/2022

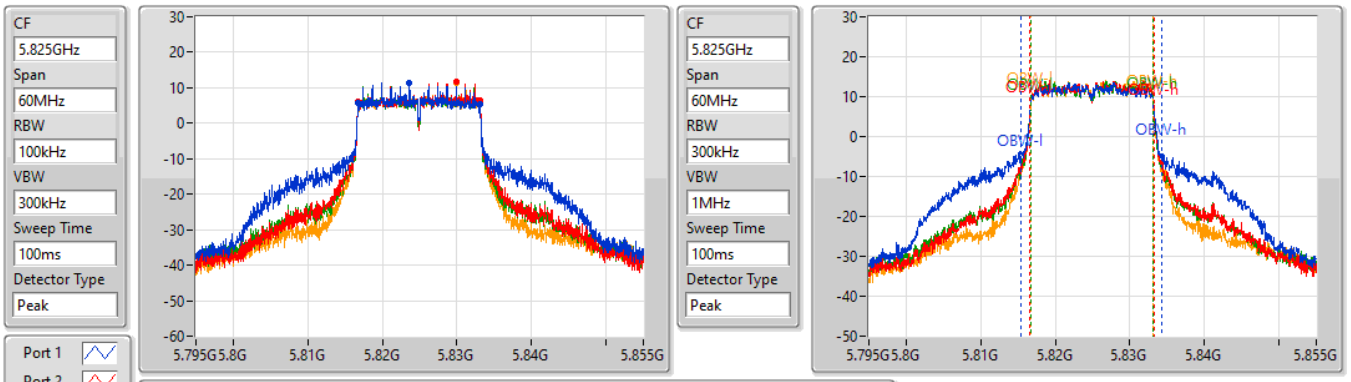


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.77678G	5.79307G	21.289M	5.774865G	5.796154G	500k	1
15.93M	5.77714G	5.79307G	16.762M	5.776574G	5.793336G	500k	2
16.26M	5.77678G	5.79304G	16.702M	5.776574G	5.793276G	500k	3
16.29M	5.77675G	5.79304G	16.462M	5.776694G	5.793156G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5825MHz

15/03/2022

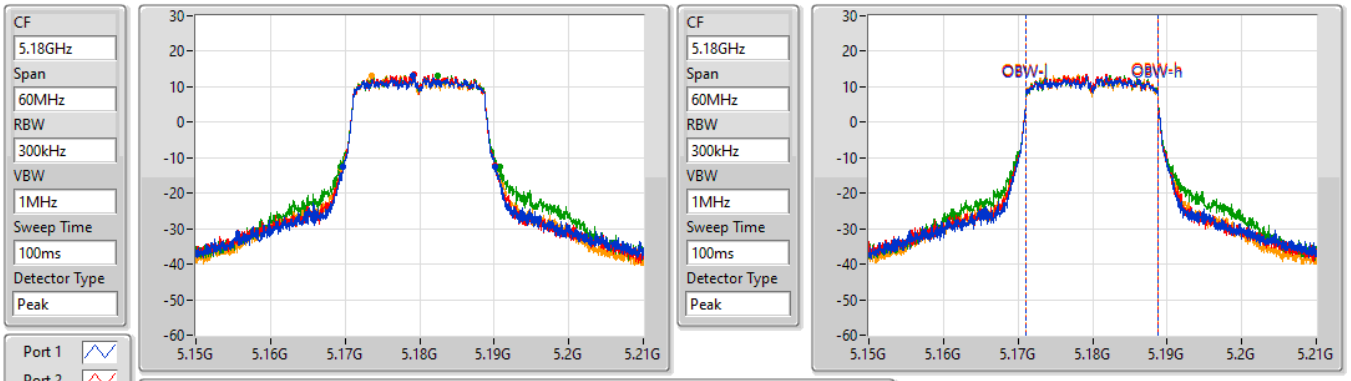


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.81678G	5.83307G	18.891M	5.815315G	5.834205G	500k	1
16.29M	5.81678G	5.83307G	16.612M	5.816634G	5.833246G	500k	2
16.29M	5.81675G	5.83304G	16.522M	5.816664G	5.833186G	500k	3
16.29M	5.81675G	5.83304G	16.462M	5.816694G	5.833156G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5180MHz

15/03/2022

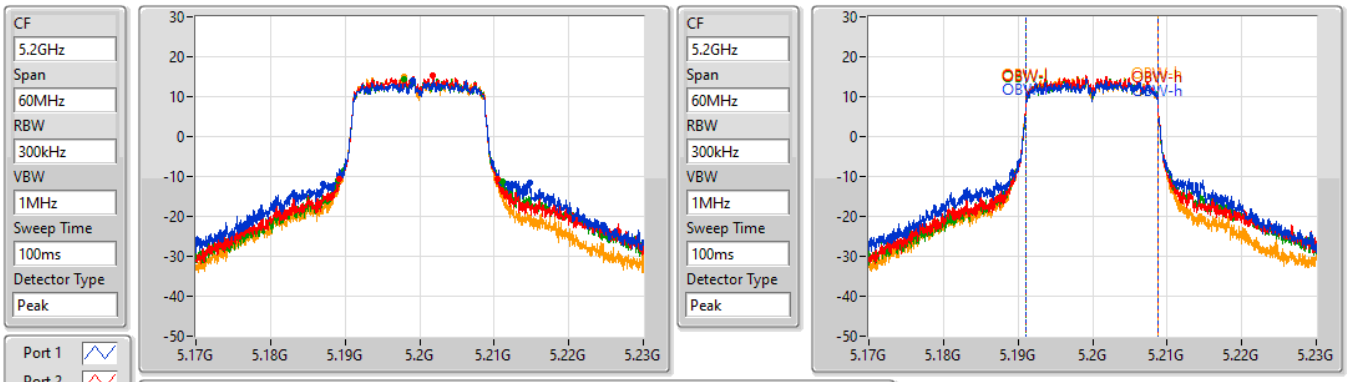


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.31M	5.16977G	5.19008G	17.601M	5.171124G	5.188726G	Inf	1
20.52M	5.16965G	5.19017G	17.601M	5.171124G	5.188726G	Inf	2
21.42M	5.16935G	5.19077G	17.631M	5.171124G	5.188756G	Inf	3
20.79M	5.16938G	5.19017G	17.601M	5.171124G	5.188726G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5200MHz

15/03/2022

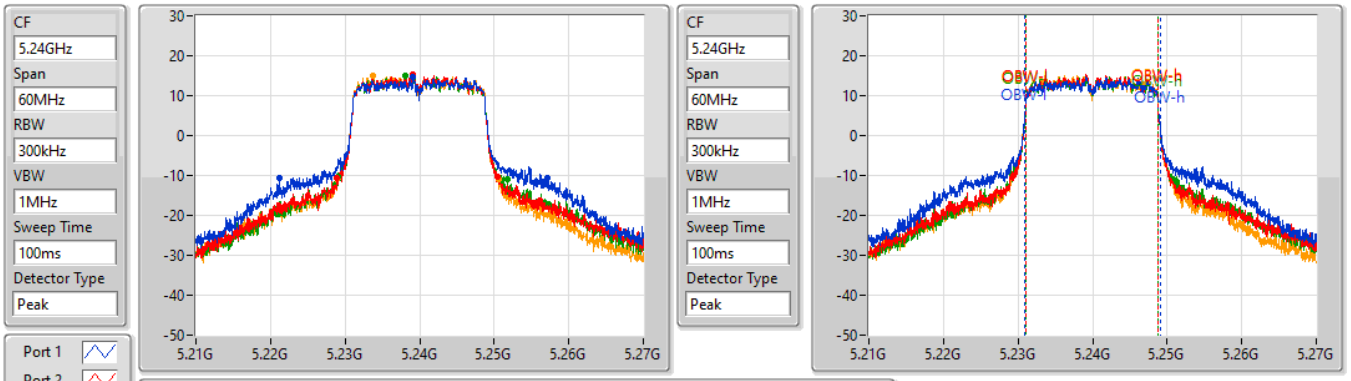


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.72M	5.18704G	5.21476G	17.841M	5.191004G	5.208846G	Inf	1
21.18M	5.18926G	5.21044G	17.661M	5.191094G	5.208756G	Inf	2
22.08M	5.18899G	5.21107G	17.661M	5.191094G	5.208756G	Inf	3
20.94M	5.18932G	5.21026G	17.631M	5.191094G	5.208726G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5240MHz

16/03/2022

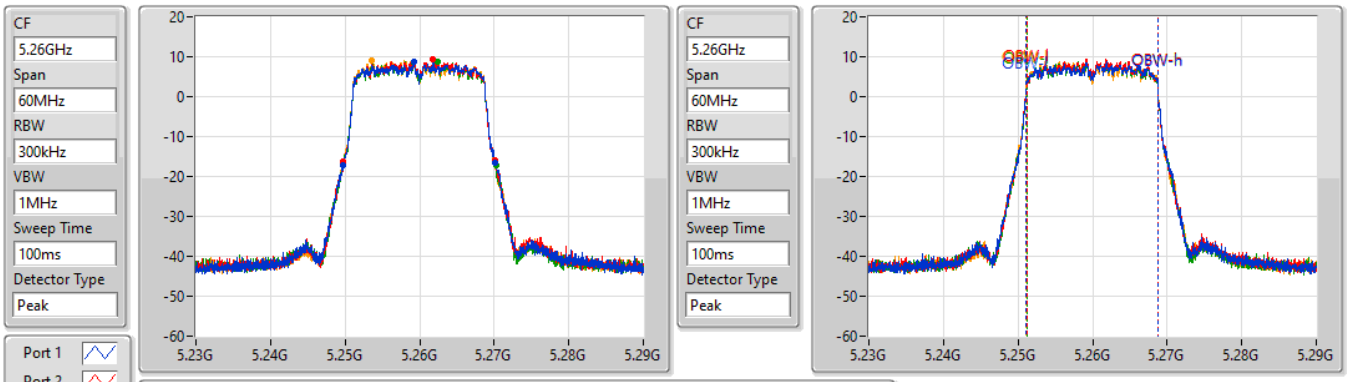


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.91M	5.22125G	5.25716G	18.141M	5.230885G	5.249025G	Inf	1
21.57M	5.22893G	5.2505G	17.661M	5.231094G	5.248756G	Inf	2
22.68M	5.22905G	5.25173G	17.721M	5.231064G	5.248786G	Inf	3
21.51M	5.22902G	5.25053G	17.691M	5.231064G	5.248756G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5260MHz

16/03/2022

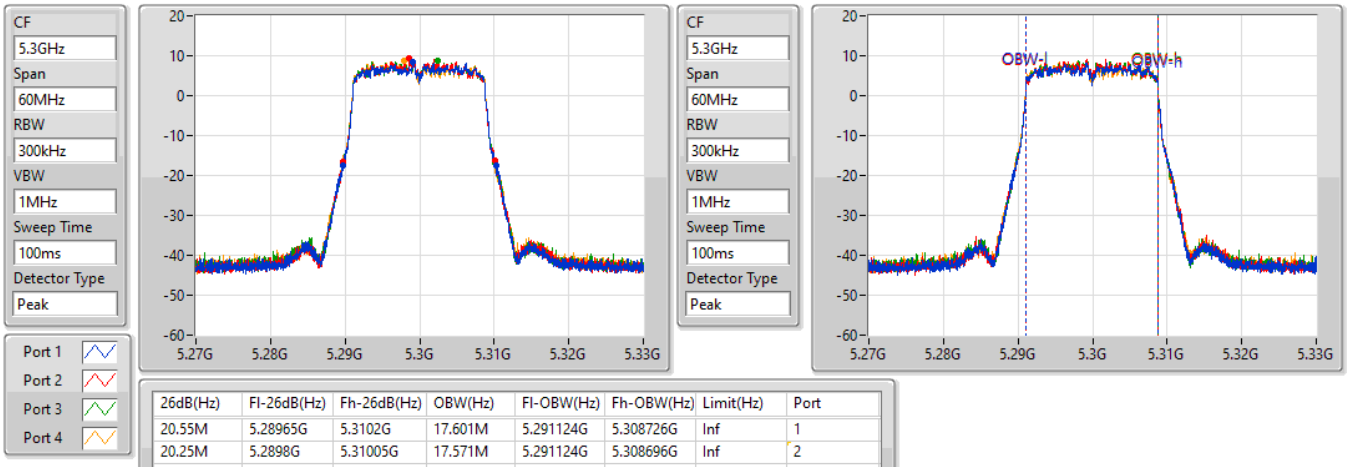


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.37M	5.24977G	5.27014G	17.601M	5.251124G	5.268726G	Inf	1
20.37M	5.24974G	5.27011G	17.541M	5.251154G	5.268696G	Inf	2
20.49M	5.24974G	5.27023G	17.541M	5.251154G	5.268696G	Inf	3
20.37M	5.24968G	5.27005G	17.601M	5.251124G	5.268726G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5300MHz

16/03/2022

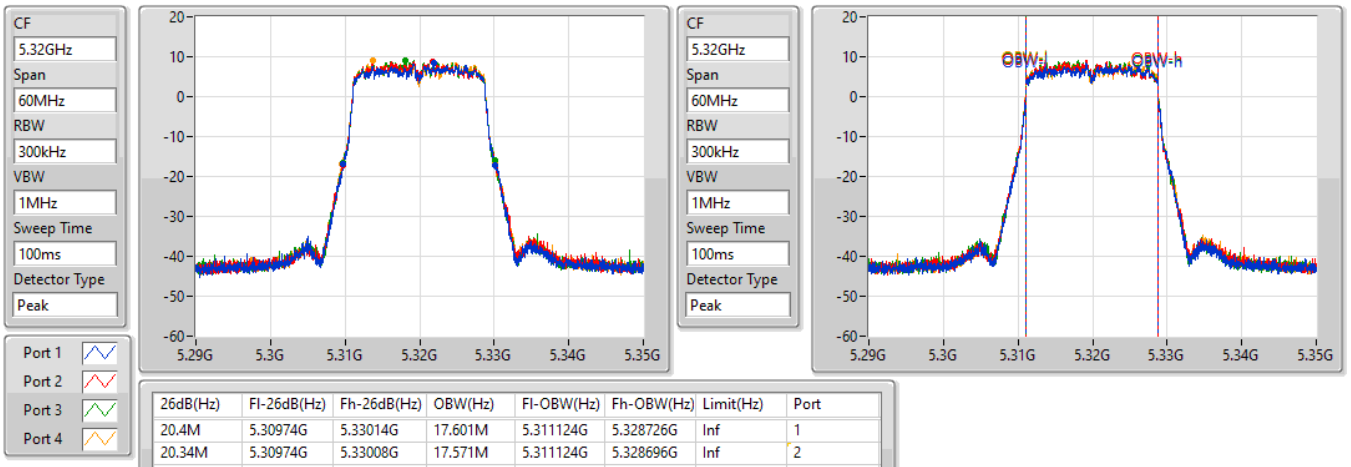


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.55M	5.28965G	5.3102G	17.601M	5.291124G	5.308726G	Inf	1
20.25M	5.2898G	5.31005G	17.571M	5.291124G	5.308696G	Inf	2
20.49M	5.28965G	5.31014G	17.571M	5.291124G	5.308696G	Inf	3
20.37M	5.28968G	5.31005G	17.631M	5.291094G	5.308726G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5320MHz

16/03/2022

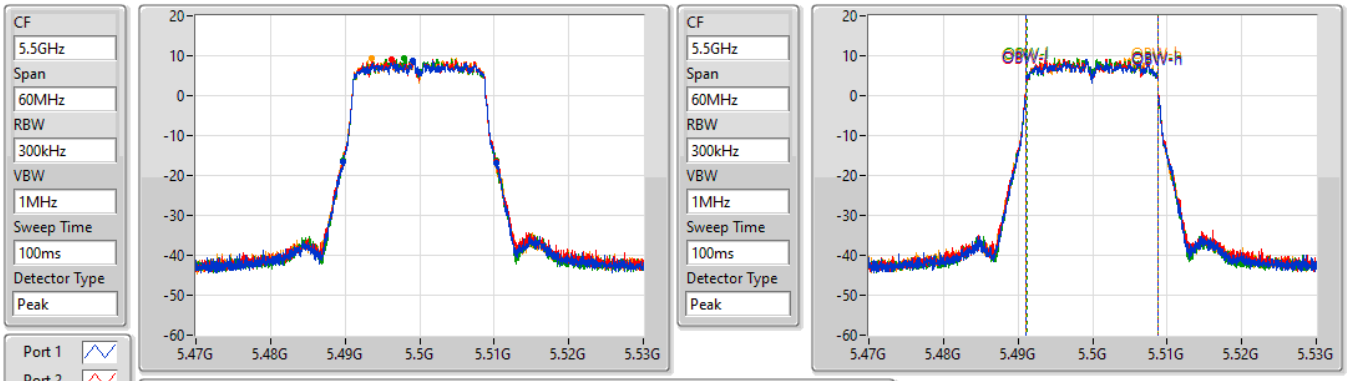


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.30974G	5.33014G	17.601M	5.311124G	5.328726G	Inf	1
20.34M	5.30974G	5.33008G	17.571M	5.311124G	5.328696G	Inf	2
20.43M	5.30971G	5.33014G	17.601M	5.311124G	5.328726G	Inf	3
20.55M	5.30959G	5.33014G	17.631M	5.311124G	5.328756G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5500MHz

16/03/2022

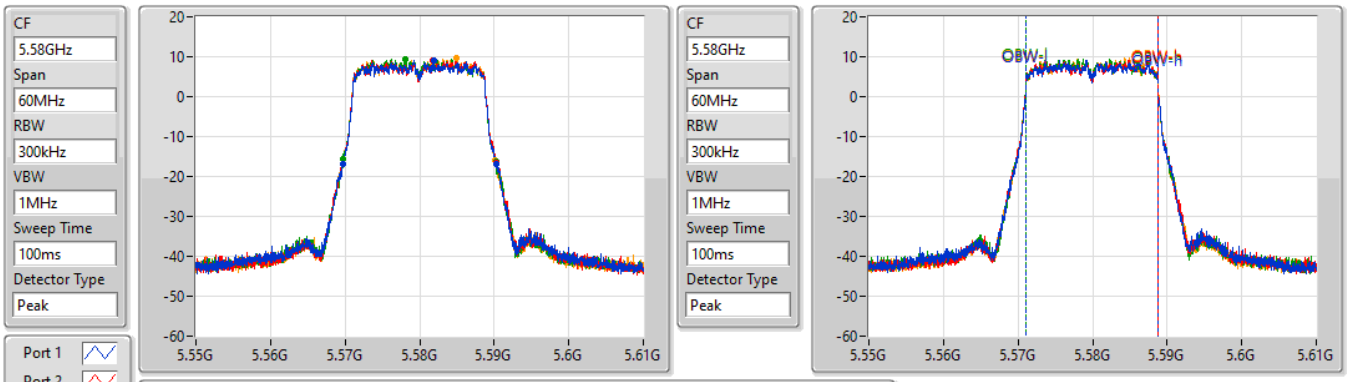


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.52M	5.48977G	5.51029G	17.631M	5.491124G	5.508756G	Inf	1
20.55M	5.48968G	5.51023G	17.661M	5.491094G	5.508756G	Inf	2
20.58M	5.48971G	5.51029G	17.571M	5.491154G	5.508726G	Inf	3
20.55M	5.48965G	5.5102G	17.601M	5.491124G	5.508726G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5580MHz

16/03/2022

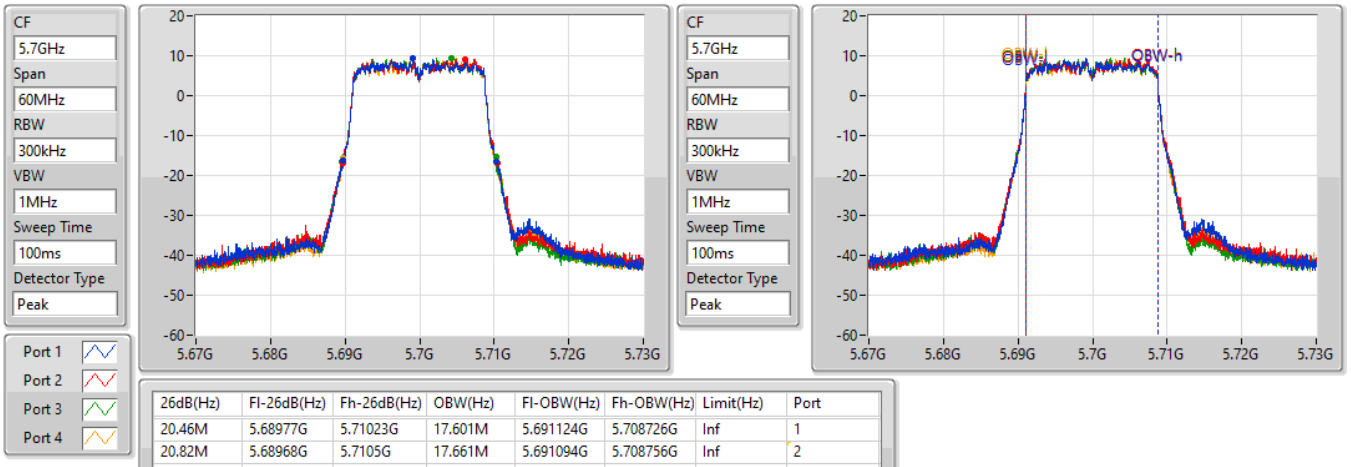


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.61M	5.56968G	5.59029G	17.631M	5.571124G	5.588756G	Inf	1
20.58M	5.56965G	5.59023G	17.661M	5.571094G	5.588756G	Inf	2
20.61M	5.56968G	5.59029G	17.601M	5.571124G	5.588726G	Inf	3
20.43M	5.56974G	5.59017G	17.631M	5.571094G	5.588726G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5700MHz

16/03/2022

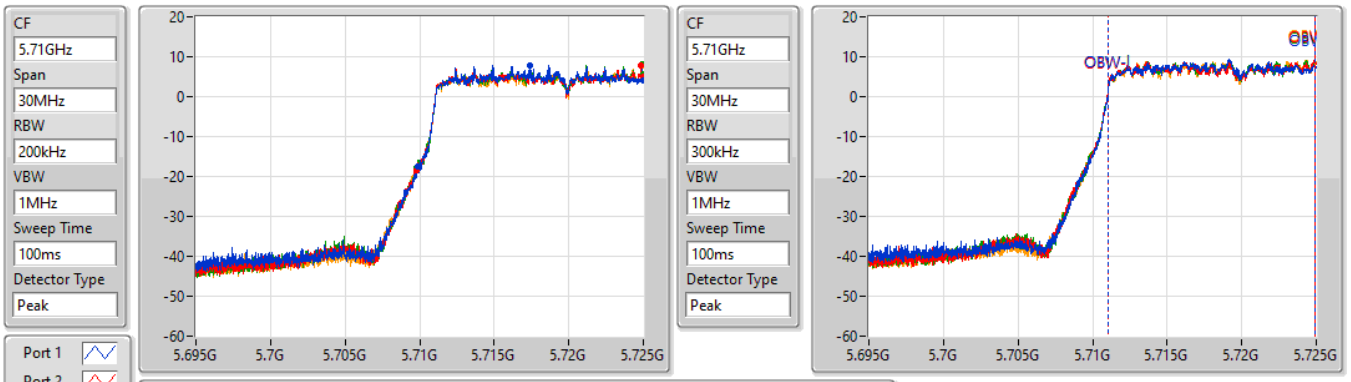


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.46M	5.68977G	5.71023G	17.601M	5.691124G	5.708726G	Inf	1
20.82M	5.68968G	5.7105G	17.661M	5.691094G	5.708756G	Inf	2
20.64M	5.68962G	5.71026G	17.631M	5.691094G	5.708726G	Inf	3
20.49M	5.68971G	5.7102G	17.631M	5.691124G	5.708756G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

16/03/2022

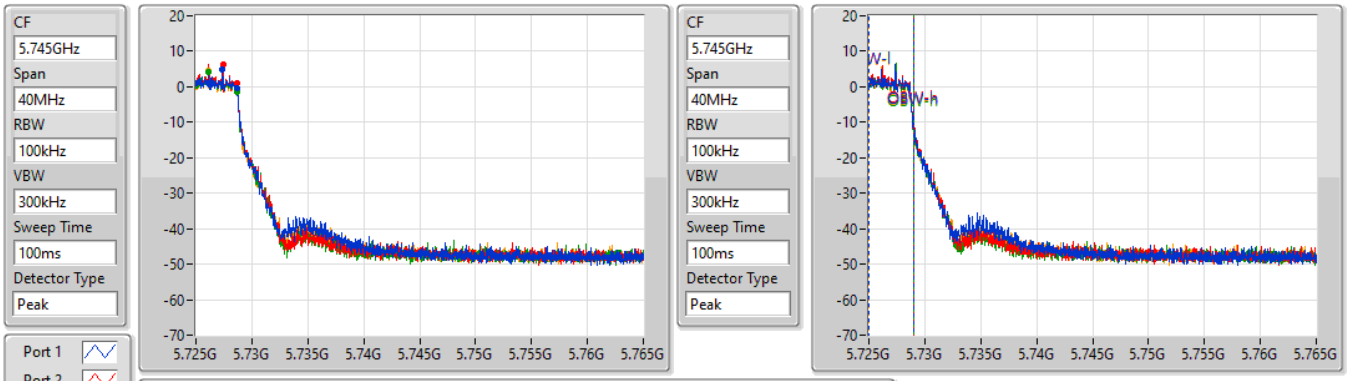


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.12M	5.70988G	5.725G	13.853M	5.711079G	5.724933G	Inf	1
15.18M	5.70982G	5.725G	13.898M	5.711049G	5.724948G	Inf	2
15.21M	5.70979G	5.725G	13.883M	5.711064G	5.724948G	Inf	3
15.21M	5.70979G	5.725G	13.883M	5.711064G	5.724948G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

16/03/2022

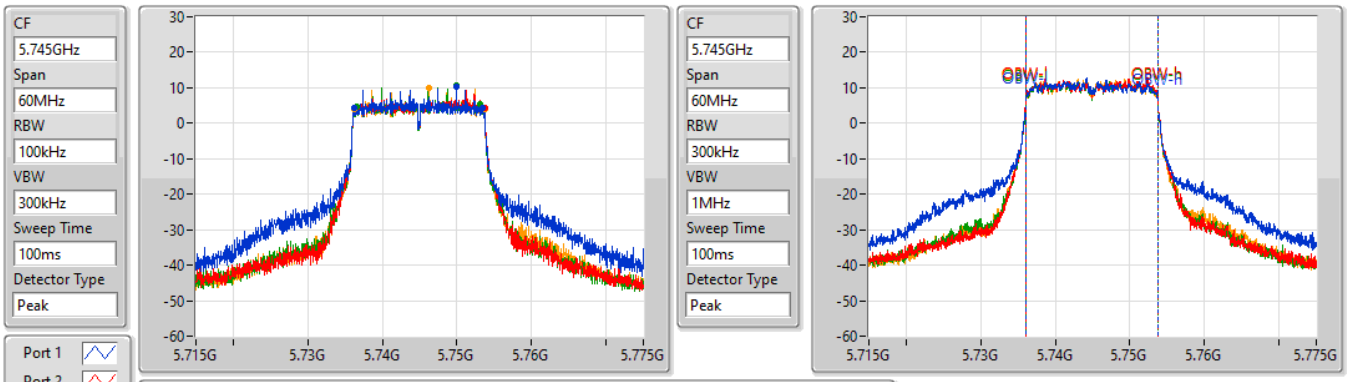


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.7M	5.725G	5.7287G	4.018M	5.72501G	5.729028G	500k	1
3.68M	5.725G	5.72868G	3.998M	5.72503G	5.729028G	500k	2
3.72M	5.725G	5.72872G	3.978M	5.72503G	5.729008G	500k	3
3.7M	5.725G	5.7287G	3.958M	5.72503G	5.728988G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5745MHz

16/03/2022

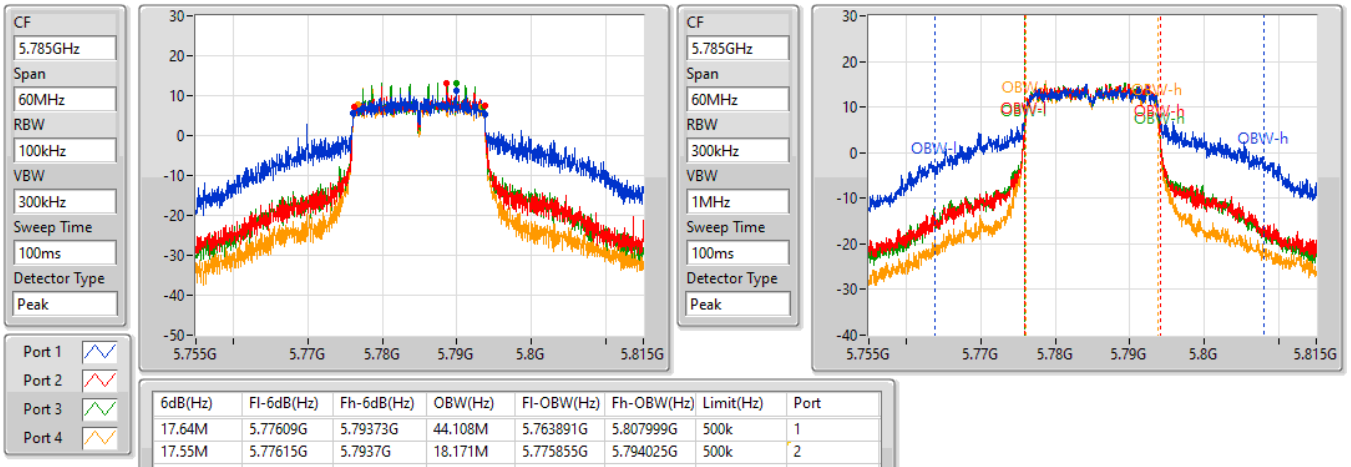


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.22M	5.73615G	5.75337G	17.721M	5.736064G	5.753786G	500k	1
17.55M	5.73615G	5.7537G	17.661M	5.736094G	5.753756G	500k	2
16.53M	5.73654G	5.75307G	17.661M	5.736094G	5.753756G	500k	3
17.55M	5.73615G	5.7537G	17.631M	5.736094G	5.753726G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5785MHz

16/03/2022

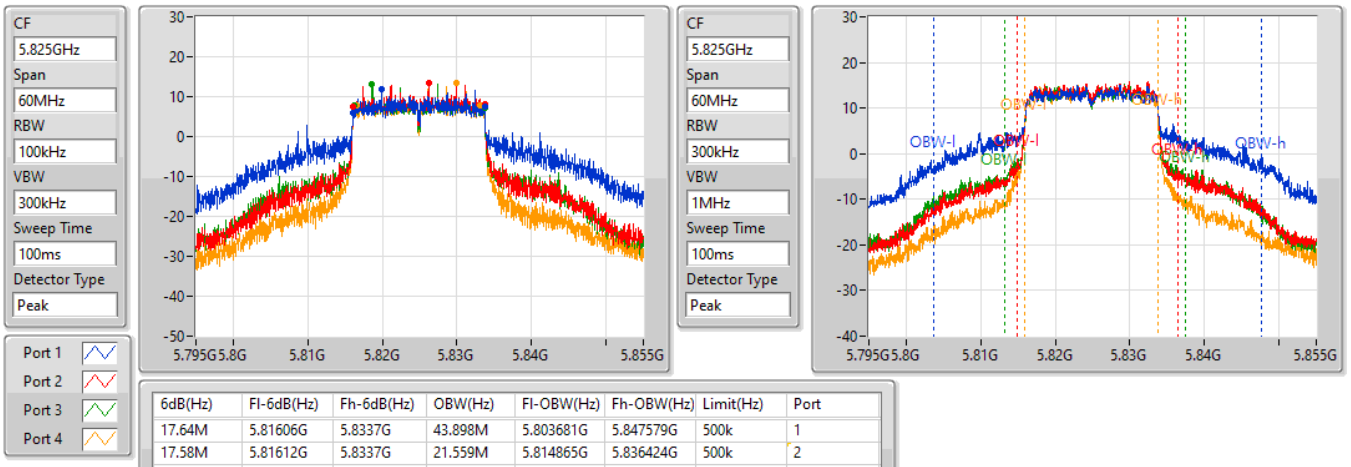


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.64M	5.77609G	5.79373G	44.108M	5.763891G	5.807999G	500k	1
17.55M	5.77615G	5.7937G	18.171M	5.775855G	5.794025G	500k	2
17.46M	5.77618G	5.79364G	18.231M	5.775825G	5.794055G	500k	3
16.5M	5.77678G	5.79328G	17.721M	5.776064G	5.793786G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5825MHz

16/03/2022

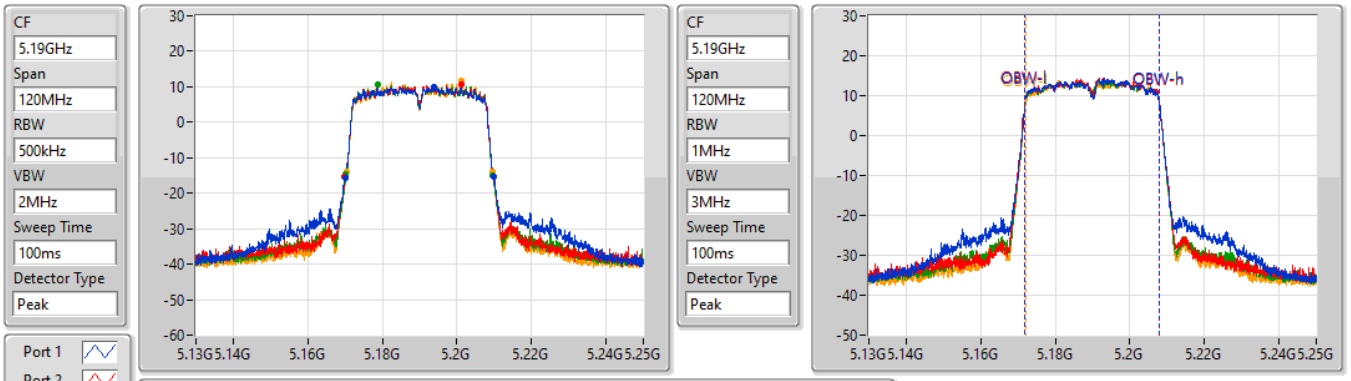


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.64M	5.81606G	5.8337G	43.898M	5.803681G	5.847579G	500k	1
17.58M	5.81612G	5.8337G	21.559M	5.814865G	5.836424G	500k	2
17.55M	5.81615G	5.8337G	24.288M	5.813156G	5.837444G	500k	3
16.53M	5.81654G	5.83307G	17.901M	5.815945G	5.833846G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5190MHz

16/03/2022

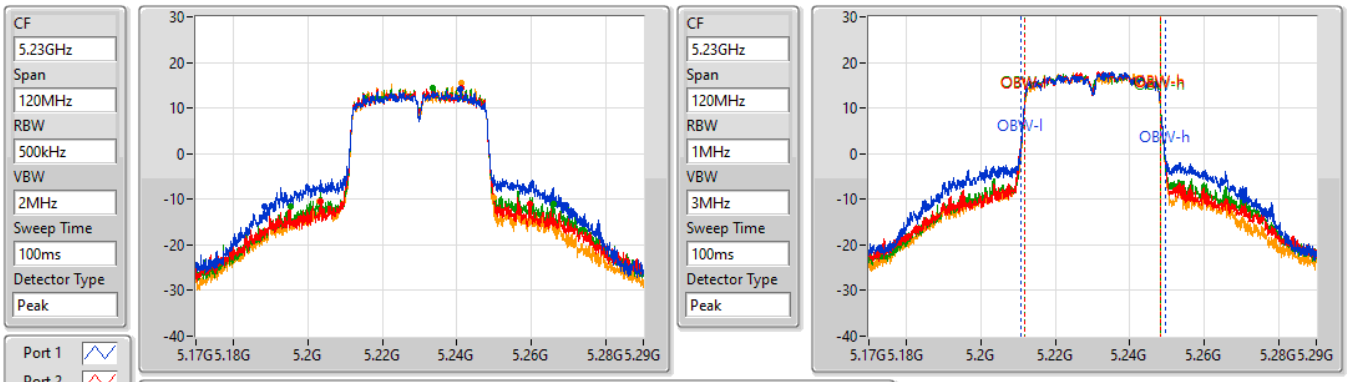


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.16996G	5.20986G	35.982M	5.171949G	5.207931G	Inf	1
40.08M	5.1699G	5.20998G	36.042M	5.171949G	5.207991G	Inf	2
39.36M	5.1702G	5.20956G	35.982M	5.171949G	5.207931G	Inf	3
39.24M	5.17032G	5.20956G	35.922M	5.172009G	5.207931G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5230MHz

16/03/2022

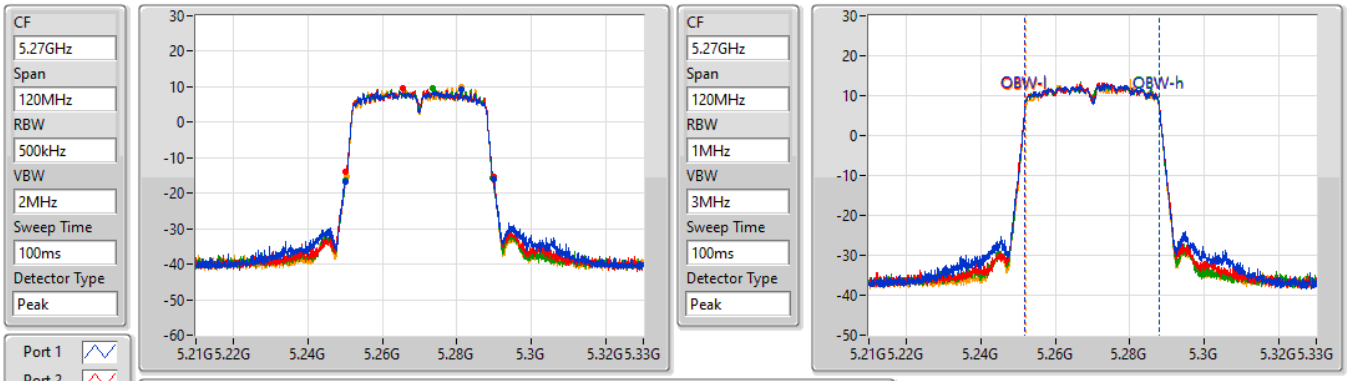


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81M	5.18842G	5.26942G	38.981M	5.21063G	5.24961G	Inf	1
56.28M	5.20336G	5.25964G	36.462M	5.211709G	5.248171G	Inf	2
70.62M	5.19532G	5.26594G	36.522M	5.211709G	5.248231G	Inf	3
46.74M	5.20318G	5.24992G	36.282M	5.211829G	5.248111G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5270MHz

16/03/2022

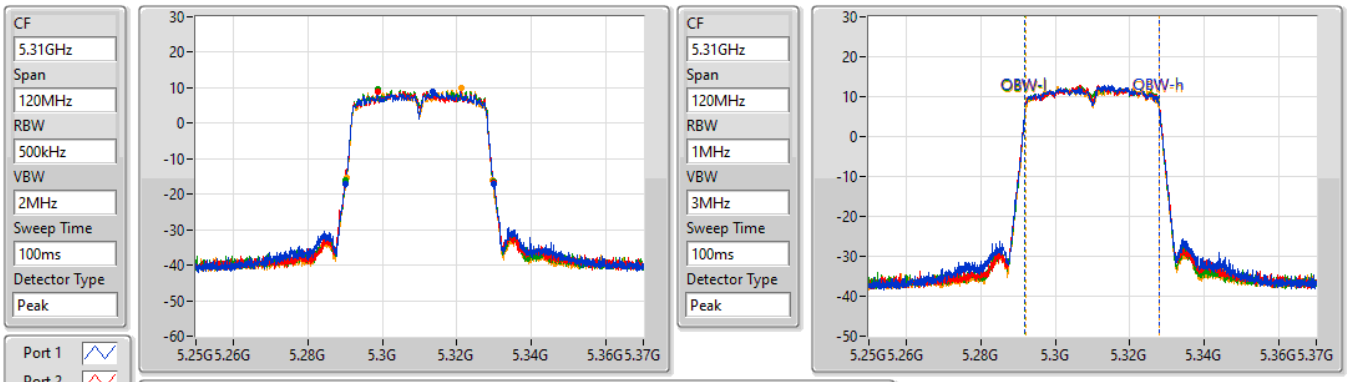


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.24996G	5.28986G	35.982M	5.251949G	5.287931G	Inf	1
39.84M	5.25014G	5.28998G	36.102M	5.251889G	5.287991G	Inf	2
39.6M	5.25008G	5.28968G	35.982M	5.251949G	5.287931G	Inf	3
39.24M	5.25032G	5.28956G	35.922M	5.252009G	5.287931G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5310MHz

16/03/2022

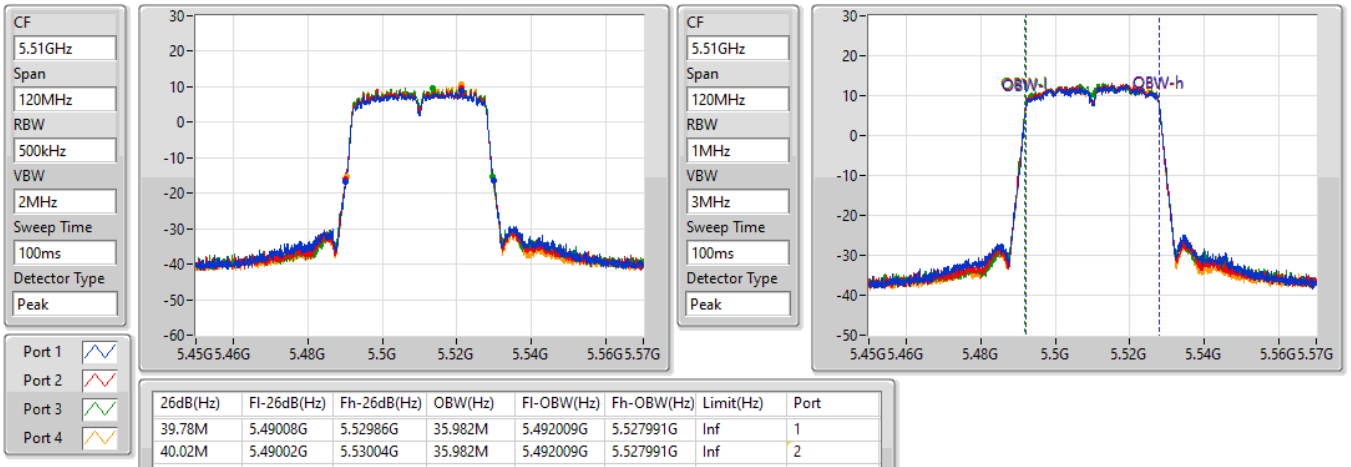


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.29002G	5.32998G	35.982M	5.291949G	5.327931G	Inf	1
40.08M	5.28996G	5.33004G	36.042M	5.291949G	5.327991G	Inf	2
39.66M	5.29008G	5.32974G	36.042M	5.291949G	5.327991G	Inf	3
39.18M	5.29032G	5.3295G	35.922M	5.292009G	5.327931G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5510MHz

16/03/2022

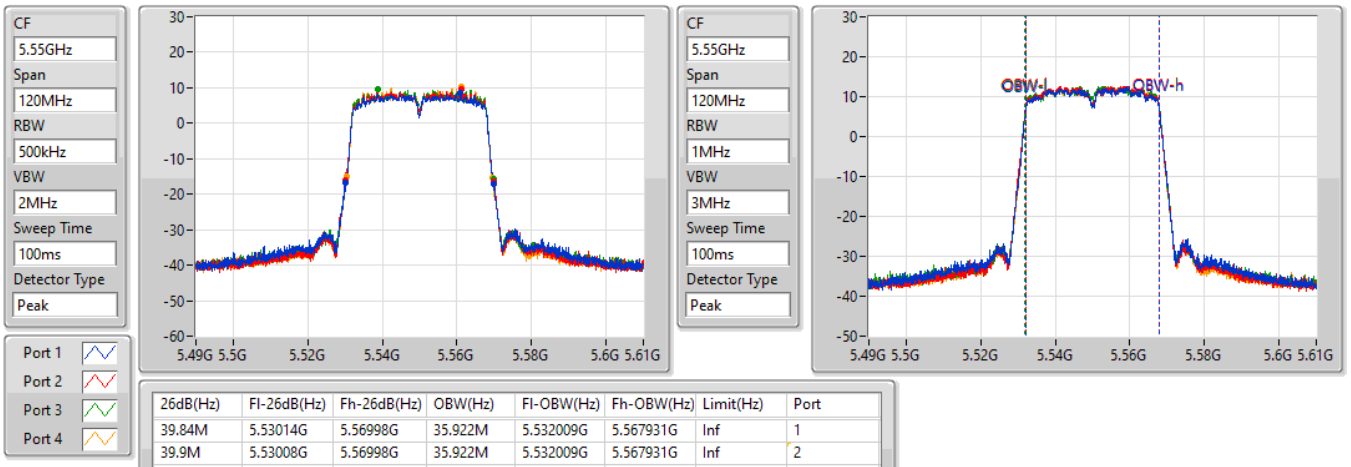


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.78M	5.49008G	5.52986G	35.982M	5.492009G	5.527991G	Inf	1
40.02M	5.49002G	5.53004G	35.982M	5.492009G	5.527991G	Inf	2
39.54M	5.49014G	5.52968G	36.042M	5.491949G	5.527991G	Inf	3
39.24M	5.49038G	5.52962G	35.862M	5.492069G	5.527931G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5550MHz

16/03/2022

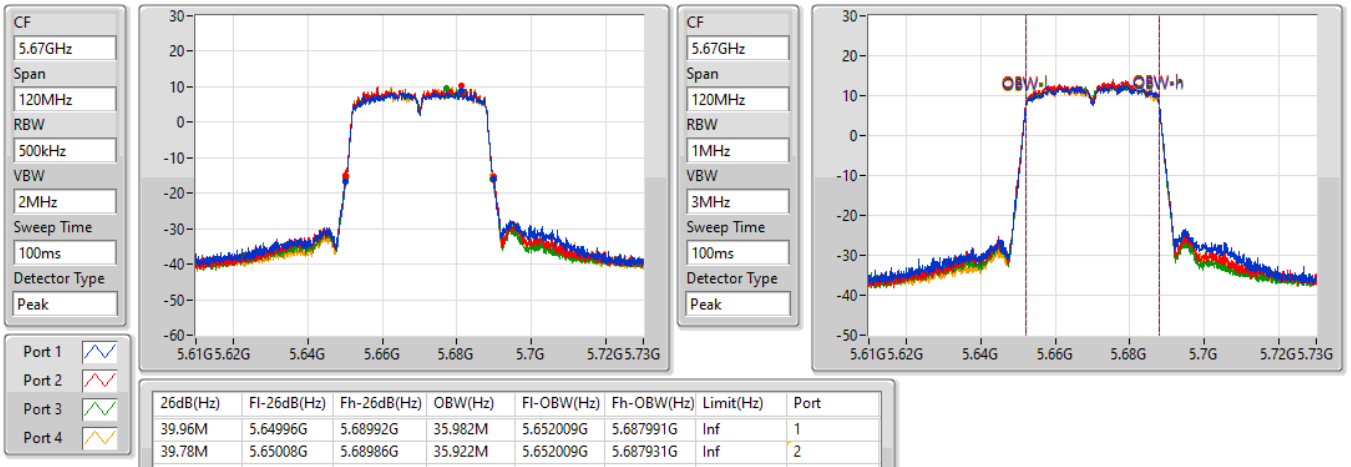


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.84M	5.53014G	5.56998G	35.922M	5.532009G	5.567931G	Inf	1
39.9M	5.53008G	5.56998G	35.922M	5.532009G	5.567931G	Inf	2
39.66M	5.5302G	5.56986G	36.042M	5.531949G	5.567991G	Inf	3
39.12M	5.53038G	5.5695G	35.922M	5.532009G	5.567931G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5670MHz

16/03/2022

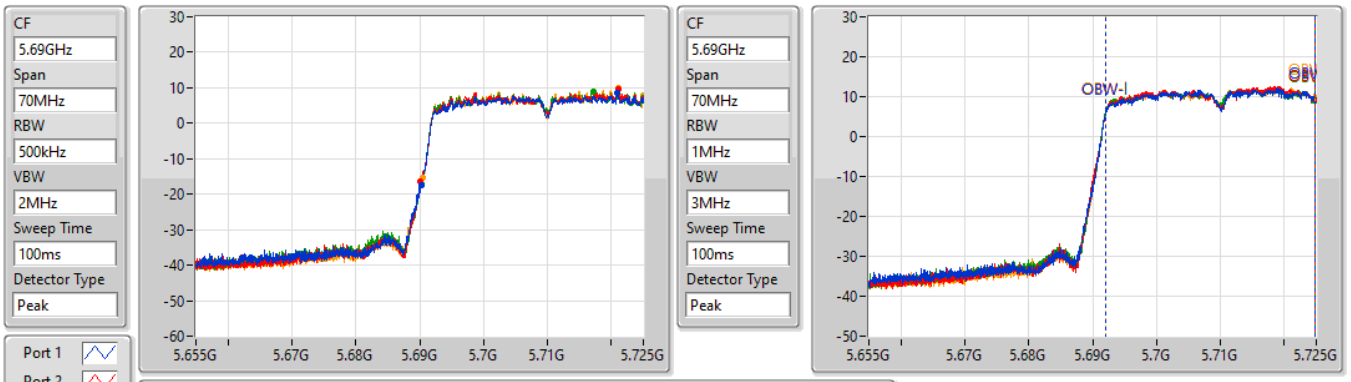


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.64996G	5.68992G	35.982M	5.652009G	5.687991G	Inf	1
39.78M	5.65008G	5.68986G	35.922M	5.652009G	5.687931G	Inf	2
39.42M	5.65026G	5.68968G	35.922M	5.652009G	5.687931G	Inf	3
39.12M	5.65044G	5.68956G	35.982M	5.652009G	5.687991G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

16/03/2022

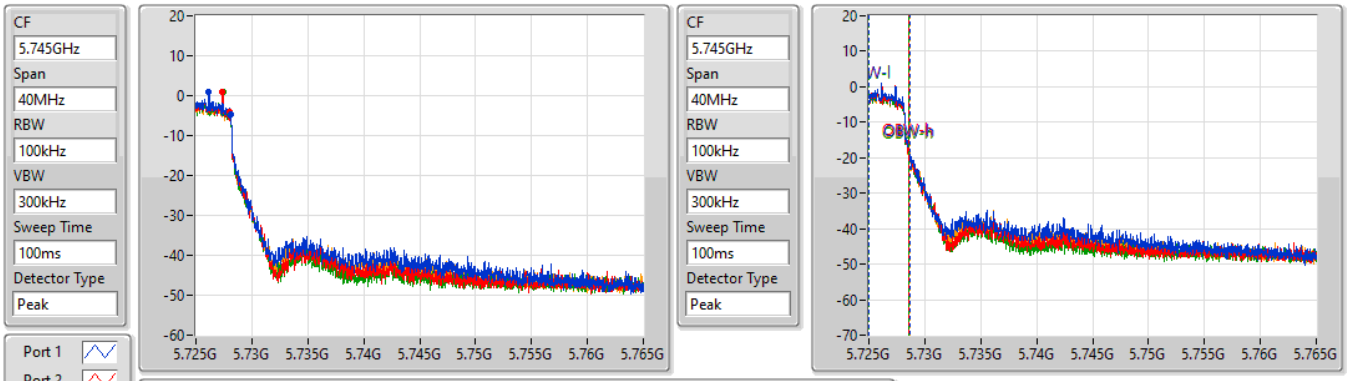


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.755M	5.690245G	5.725G	32.779M	5.692029G	5.724808G	Inf	1
34.895M	5.690105G	5.725G	32.744M	5.692029G	5.724773G	Inf	2
34.755M	5.690245G	5.725G	32.814M	5.691959G	5.724773G	Inf	3
34.58M	5.69042G	5.725G	32.849M	5.691994G	5.724843G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

16/03/2022

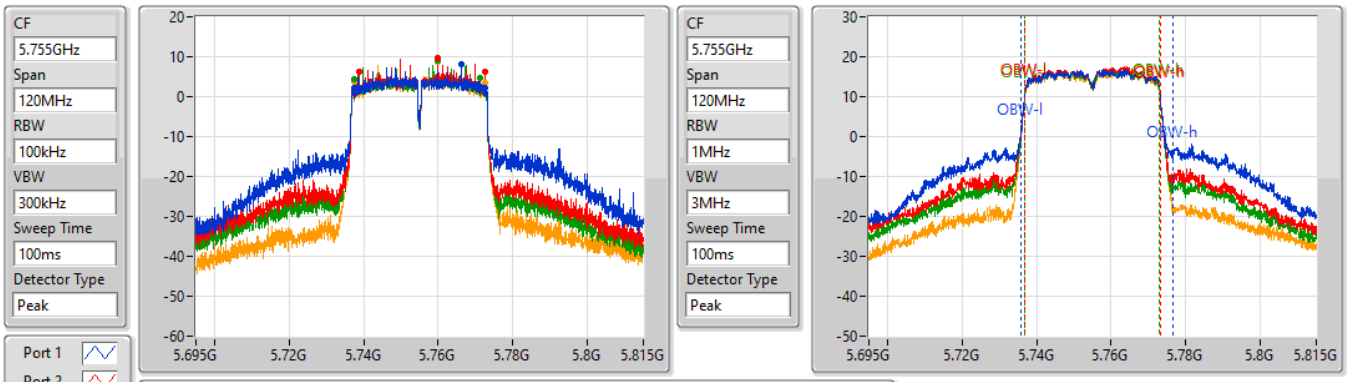


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.08M	5.725G	5.72808G	3.658M	5.72501G	5.728668G	500k	1
3.06M	5.725G	5.72806G	3.598M	5.72501G	5.728608G	500k	2
3.06M	5.725G	5.72806G	3.578M	5.72501G	5.728588G	500k	3
3.08M	5.725G	5.72808G	3.618M	5.72501G	5.728628G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5755MHz

16/03/2022

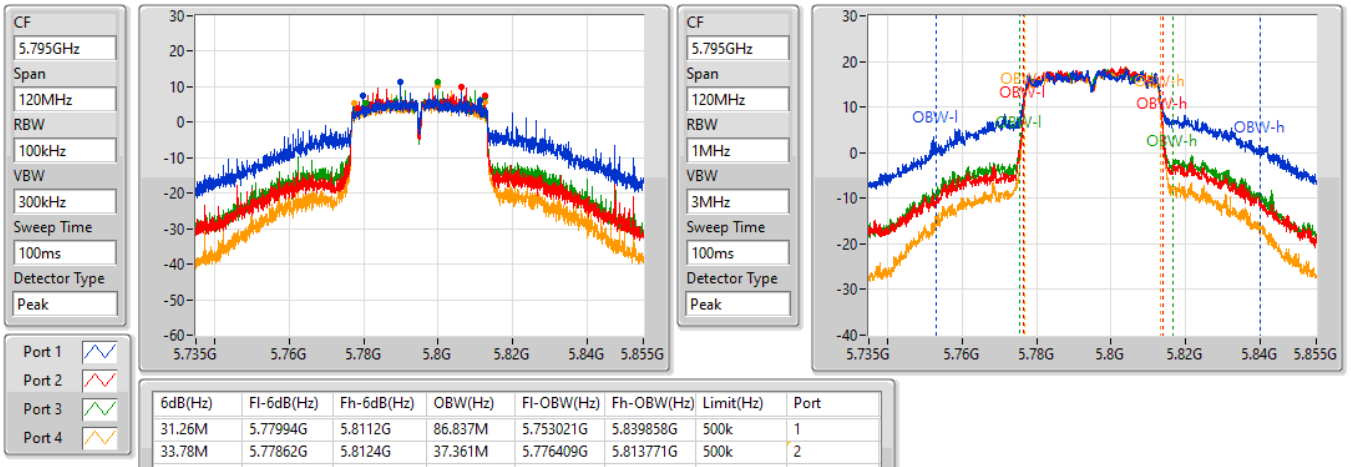


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.98M	5.73742G	5.7724G	40.66M	5.73581G	5.776469G	500k	1
33.78M	5.73868G	5.77246G	36.282M	5.736829G	5.773111G	500k	2
33.84M	5.73736G	5.7712G	36.102M	5.736889G	5.772991G	500k	3
35.1M	5.73736G	5.77246G	36.042M	5.736949G	5.772991G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5795MHz

16/03/2022

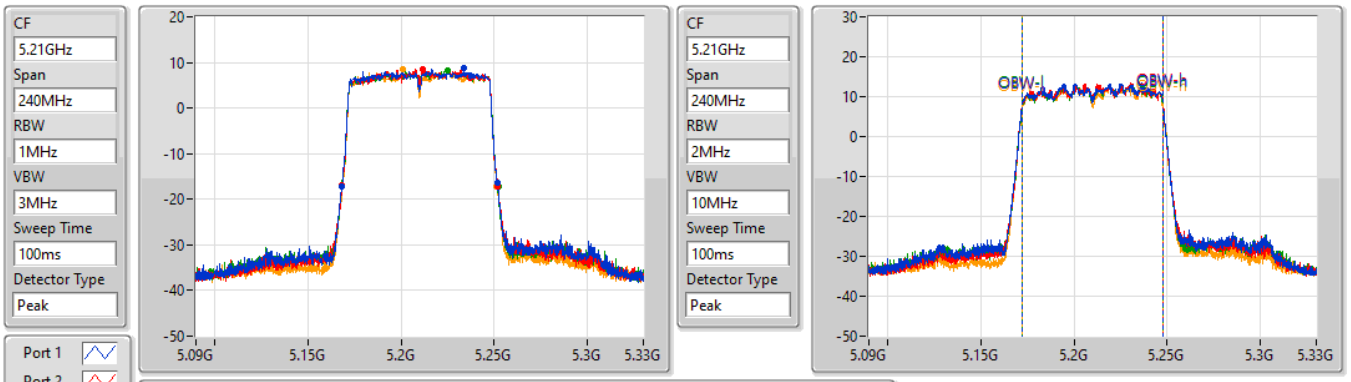


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.26M	5.77994G	5.8112G	86.837M	5.753021G	5.839858G	500k	1
33.78M	5.77862G	5.8124G	37.361M	5.776409G	5.813771G	500k	2
31.86M	5.78054G	5.8124G	41.079M	5.77557G	5.816649G	500k	3
35.04M	5.77742G	5.81246G	36.282M	5.776829G	5.813111G	500k	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5210MHz

16/03/2022

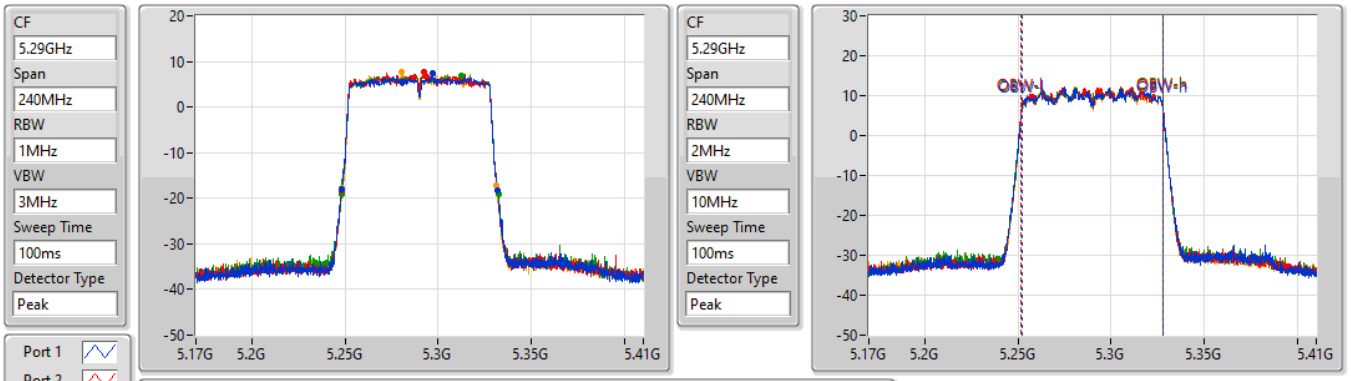


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.52M	5.16824G	5.25176G	75.922M	5.171979G	5.247901G	Inf	1
83.52M	5.16848G	5.252G	75.922M	5.171979G	5.247901G	Inf	2
83.88M	5.16824G	5.25212G	75.922M	5.172099G	5.248021G	Inf	3
82.92M	5.16848G	5.2514G	76.042M	5.171979G	5.248021G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5290MHz

16/03/2022

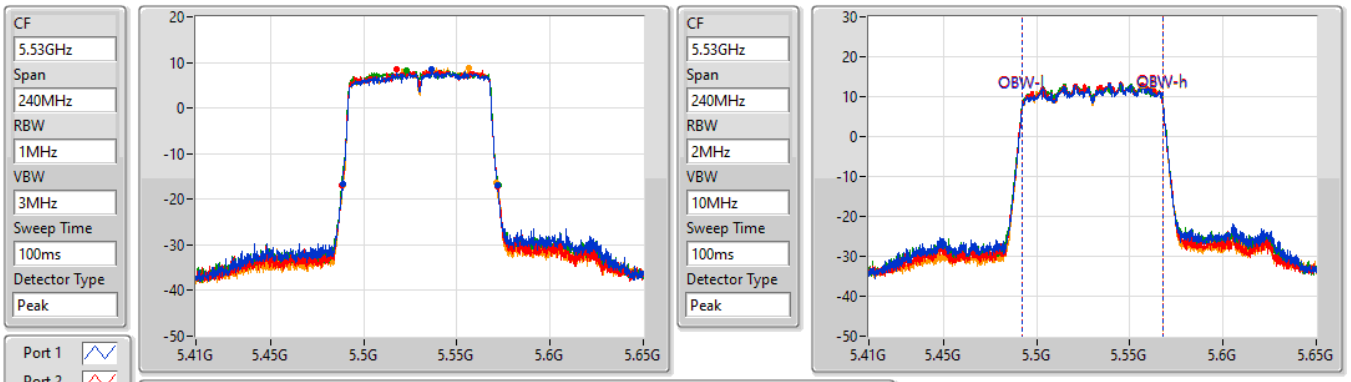


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.16M	5.24836G	5.33152G	75.922M	5.251979G	5.327901G	Inf	1
83.52M	5.24824G	5.33176G	76.042M	5.251859G	5.327901G	Inf	2
84.12M	5.248G	5.33212G	76.042M	5.251859G	5.327901G	Inf	3
82.8M	5.24836G	5.33116G	75.922M	5.251979G	5.327901G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5530MHz

16/03/2022

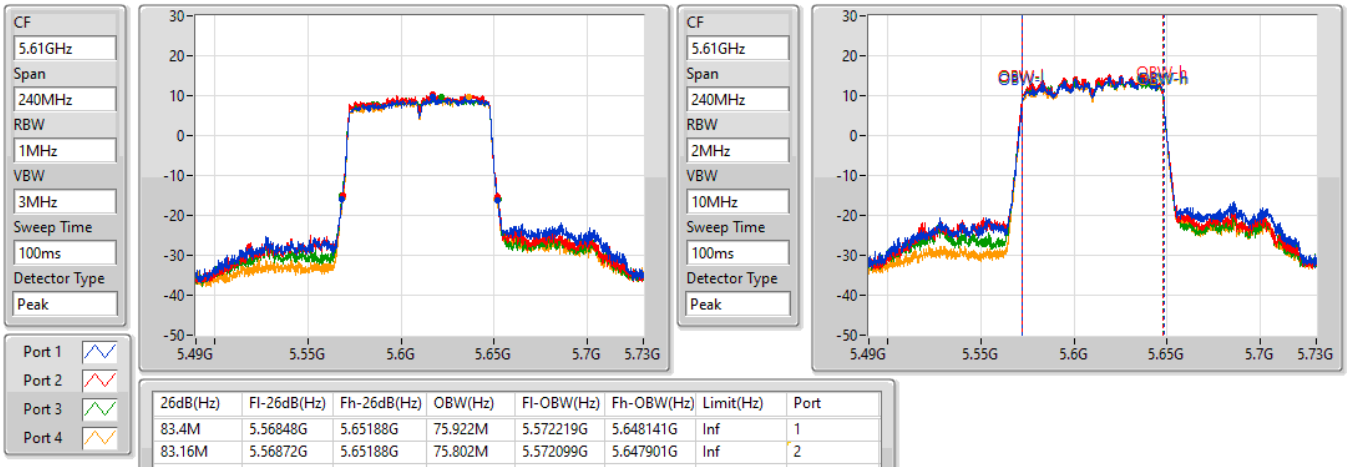


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.16M	5.48872G	5.57188G	75.802M	5.492219G	5.568021G	Inf	1
83.4M	5.48848G	5.57188G	75.802M	5.492099G	5.567901G	Inf	2
84M	5.48812G	5.57212G	76.042M	5.491979G	5.568021G	Inf	3
82.44M	5.48896G	5.5714G	75.802M	5.492219G	5.568021G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5610MHz

16/03/2022

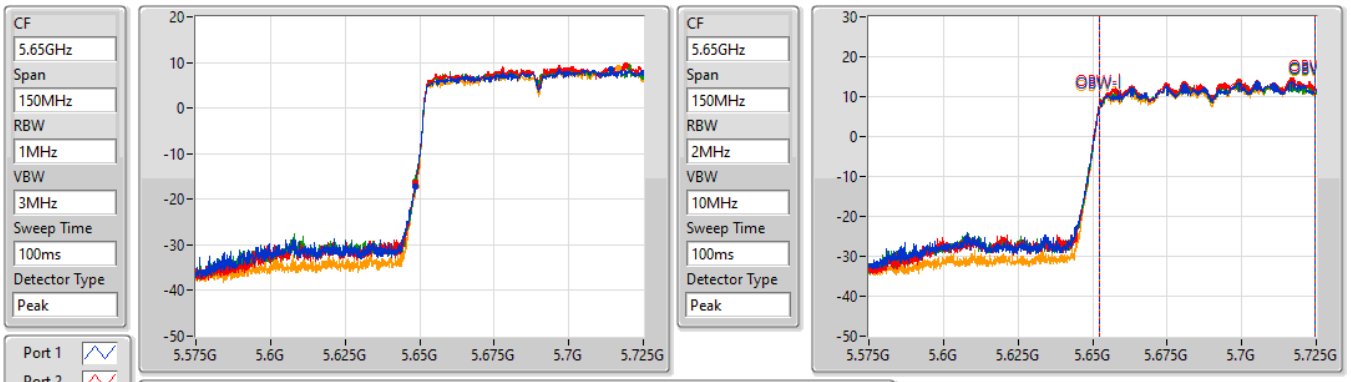


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.4M	5.56848G	5.65188G	75.922M	5.572219G	5.648141G	Inf	1
83.16M	5.56872G	5.65188G	75.802M	5.572099G	5.647901G	Inf	2
83.88M	5.56836G	5.65224G	75.922M	5.572099G	5.648021G	Inf	3
82.68M	5.56872G	5.6514G	75.922M	5.572099G	5.648021G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

16/03/2022

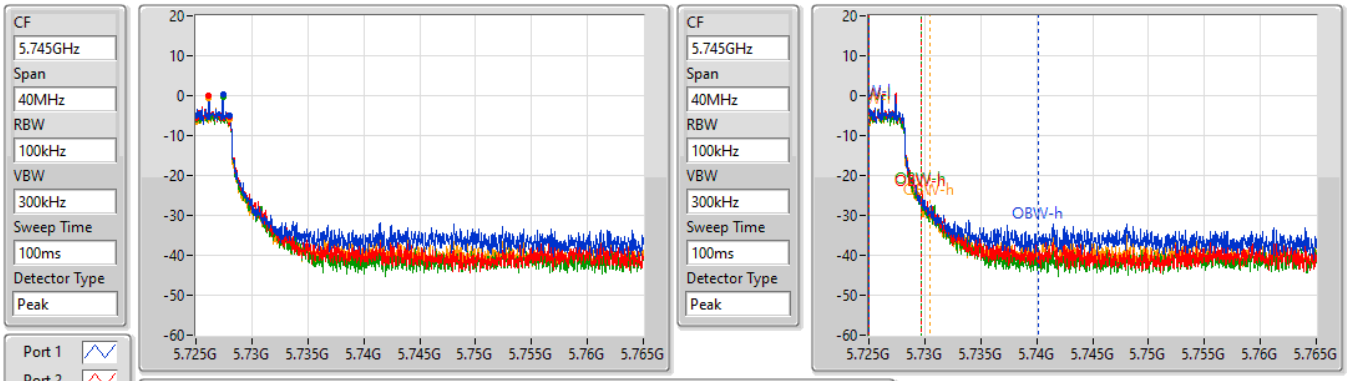


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.425M	5.648575G	5.725G	72.414M	5.652174G	5.724588G	Inf	1
76.425M	5.648575G	5.725G	72.414M	5.652174G	5.724588G	Inf	2
76.575M	5.648425G	5.725G	72.414M	5.652099G	5.724513G	Inf	3
76.125M	5.648875G	5.725G	72.489M	5.652099G	5.724588G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

16/03/2022

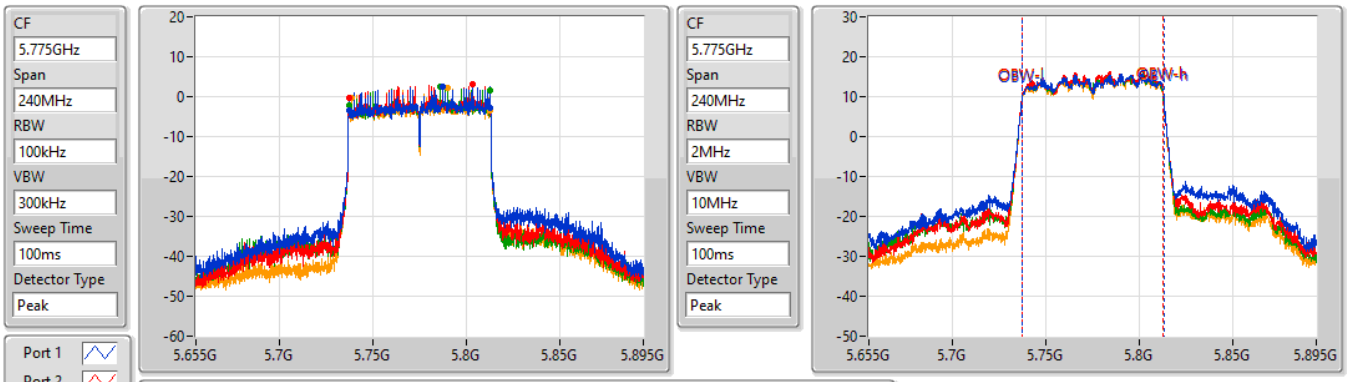


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.04M	5.72502G	5.72806G	15.132M	5.72503G	5.740162G	500k	1
3.04M	5.72502G	5.72806G	4.678M	5.72503G	5.729708G	500k	2
3.06M	5.725G	5.72806G	4.638M	5.72501G	5.729648G	500k	3
3.06M	5.725G	5.72806G	5.397M	5.72503G	5.730427G	500k	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5775MHz

16/03/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.72M	5.73732G	5.81304G	76.282M	5.736979G	5.813261G	500k	1
75.36M	5.73732G	5.81268G	75.922M	5.737099G	5.813021G	500k	2
75M	5.73744G	5.81244G	75.922M	5.737099G	5.813021G	500k	3
74.4M	5.73864G	5.81304G	76.042M	5.736979G	5.813021G	500k	4

For non beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	28.69	0.73961
802.11ac VHT20_Nss1,(MCS0)_4TX	28.97	0.78886
802.11ac VHT40_Nss1,(MCS0)_4TX	29.55	0.90157
802.11ac VHT80_Nss1,(MCS0)_4TX	24.50	0.28184
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.63	0.18323
802.11ac VHT20_Nss1,(MCS0)_4TX	22.75	0.18836
802.11ac VHT40_Nss1,(MCS0)_4TX	23.95	0.24831
802.11ac VHT80_Nss1,(MCS0)_4TX	23.59	0.22856
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.41	0.21928
802.11ac VHT20_Nss1,(MCS0)_4TX	23.74	0.23659
802.11ac VHT40_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ac VHT80_Nss1,(MCS0)_4TX	23.77	0.23823
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.83	0.96161
802.11ac VHT20_Nss1,(MCS0)_4TX	29.55	0.90157
802.11ac VHT40_Nss1,(MCS0)_4TX	28.20	0.66069
802.11ac VHT80_Nss1,(MCS0)_4TX	25.38	0.34514

Result

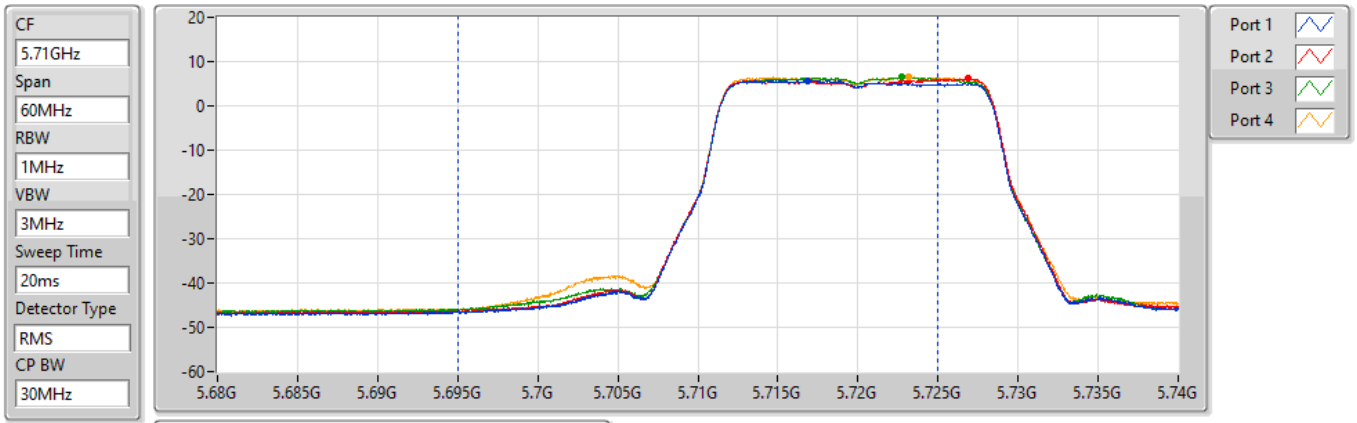
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.07	21.35	22.11	21.79	22.02	27.85	30.00
5200MHz	Pass	5.07	21.95	22.51	22.36	22.33	28.31	30.00
5240MHz	Pass	5.07	22.22	22.86	22.53	23.04	28.69	30.00
5260MHz	Pass	5.49	15.97	16.65	16.17	16.27	22.29	23.85
5300MHz	Pass	5.49	16.34	16.56	16.84	16.67	22.63	23.87
5320MHz	Pass	5.49	16.18	16.28	16.79	16.63	22.50	23.91
5500MHz	Pass	2.82	16.92	17.67	17.58	17.33	23.41	23.85
5580MHz	Pass	2.82	16.51	17.43	17.54	17.28	23.23	23.84
5700MHz	Pass	2.82	16.63	16.96	17.54	17.40	23.17	23.88
5720MHz Straddle 5.47-5.725GHz	Pass	2.82	16.12	16.19	16.86	16.95	22.57	22.69
5720MHz Straddle 5.725-5.85GHz	Pass	4.28	9.70	10.77	10.40	10.88	16.48	30.00
5745MHz	Pass	4.28	23.29	23.34	23.54	23.83	29.53	30.00
5785MHz	Pass	4.28	23.62	23.58	23.79	23.55	29.66	30.00
5825MHz	Pass	4.28	24.03	23.37	23.71	24.09	29.83	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.07	21.71	22.12	21.93	22.20	28.01	30.00
5200MHz	Pass	5.07	22.48	22.71	22.63	22.57	28.62	30.00
5240MHz	Pass	5.07	22.64	23.04	22.78	23.29	28.97	30.00
5260MHz	Pass	5.49	16.32	16.74	16.41	16.82	22.60	23.98
5300MHz	Pass	5.49	16.46	16.63	17.05	16.75	22.75	23.98
5320MHz	Pass	5.49	16.32	16.53	16.93	17.02	22.73	23.98
5500MHz	Pass	2.82	17.26	17.88	17.96	17.74	23.74	23.98
5580MHz	Pass	2.82	17.12	17.77	17.68	17.82	23.63	23.98
5700MHz	Pass	2.82	17.02	17.47	17.77	17.93	23.58	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.82	16.21	16.28	16.97	17.07	22.67	22.78
5720MHz Straddle 5.725-5.85GHz	Pass	4.28	10.31	11.40	11.00	11.50	17.10	30.00
5745MHz	Pass	4.28	22.78	23.15	23.31	23.53	29.22	30.00
5785MHz	Pass	4.28	23.58	23.34	23.76	23.42	29.55	30.00
5825MHz	Pass	4.28	23.18	22.63	22.93	23.29	29.04	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.07	21.51	21.70	21.47	21.54	27.58	30.00
5230MHz	Pass	5.07	23.37	23.54	23.51	23.68	29.55	30.00
5270MHz	Pass	5.49	17.37	17.52	17.62	17.77	23.59	23.98
5310MHz	Pass	5.49	17.79	17.83	18.16	17.92	23.95	23.98
5510MHz	Pass	2.82	17.25	17.98	18.14	17.67	23.79	23.98
5550MHz	Pass	2.82	17.23	18.26	18.11	18.09	23.96	23.98
5670MHz	Pass	2.82	17.05	17.98	18.16	17.63	23.75	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	2.82	17.16	18.01	18.21	17.99	23.88	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.28	5.95	6.19	6.99	6.67	12.49	30.00
5755MHz	Pass	4.28	21.68	22.46	22.34	22.21	28.20	30.00
5795MHz	Pass	4.28	21.55	22.20	22.43	22.07	28.09	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.07	18.17	18.59	18.52	18.61	24.50	30.00
5290MHz	Pass	5.49	17.13	17.51	17.88	17.71	23.59	23.98
5530MHz	Pass	2.82	17.06	17.94	18.01	17.87	23.76	23.98
5610MHz	Pass	2.82	16.97	17.76	17.83	17.65	23.59	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	2.82	16.91	18.03	18.24	17.69	23.77	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.28	3.12	4.14	4.75	3.92	10.04	30.00
5775MHz	Pass	4.28	18.84	19.54	19.69	19.31	25.38	30.00

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

802.11a_Nss1,(6Mbps)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

08/03/2022



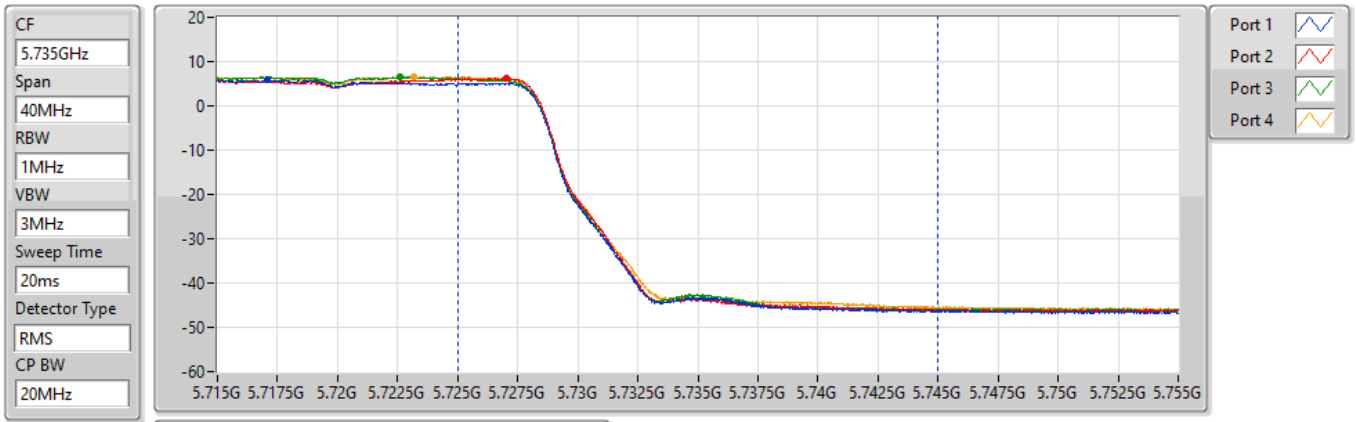
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.57	16.12	16.19	16.86	16.95

802.11a_Nss1,(6Mbps)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

08/03/2022



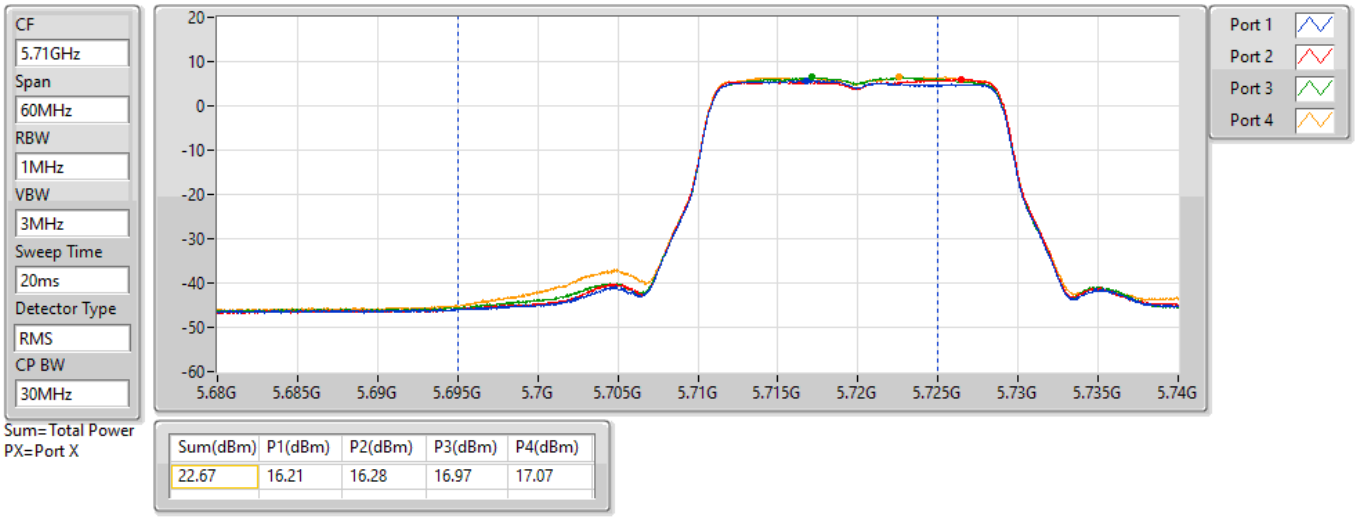
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.48	9.70	10.77	10.40	10.88

802.11ac VHT20_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

08/03/2022

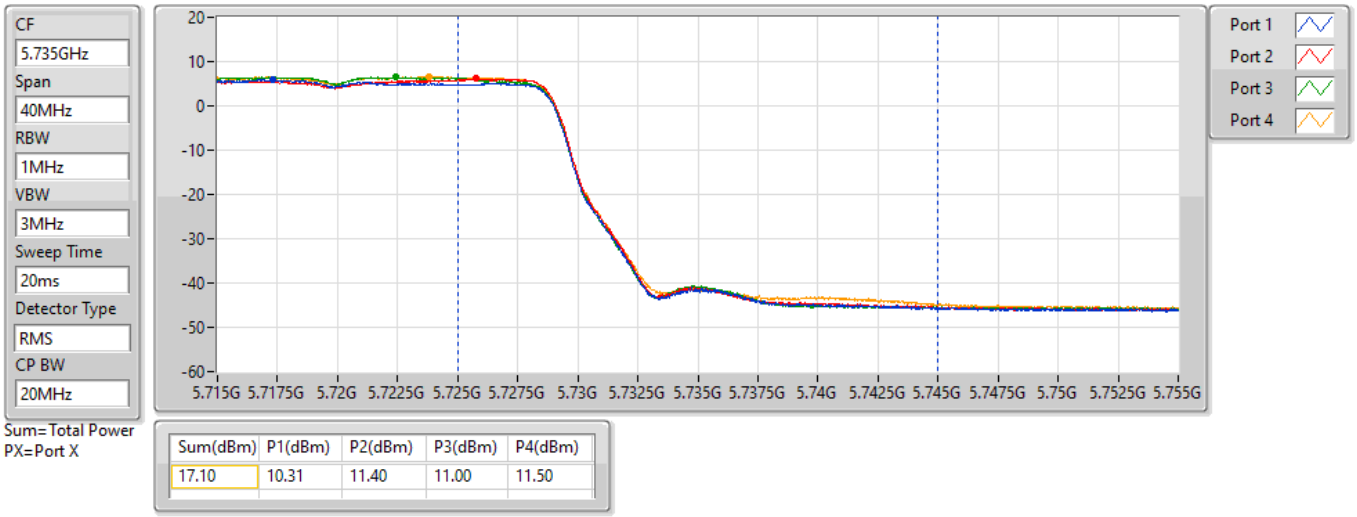


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.67	16.21	16.28	16.97	17.07

802.11ac VHT20_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

08/03/2022

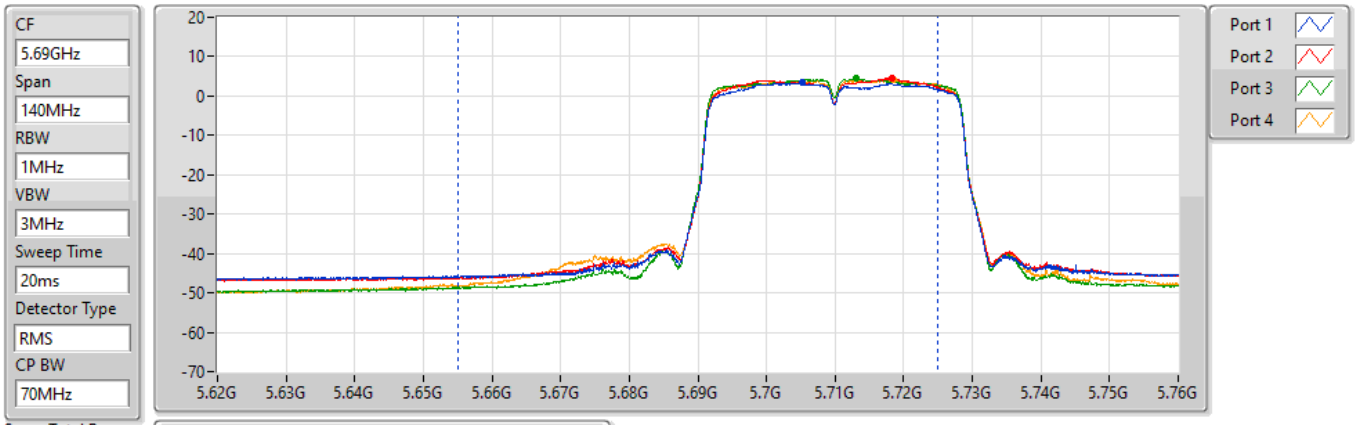


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.10	10.31	11.40	11.00	11.50

802.11ac VHT40_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

08/03/2022

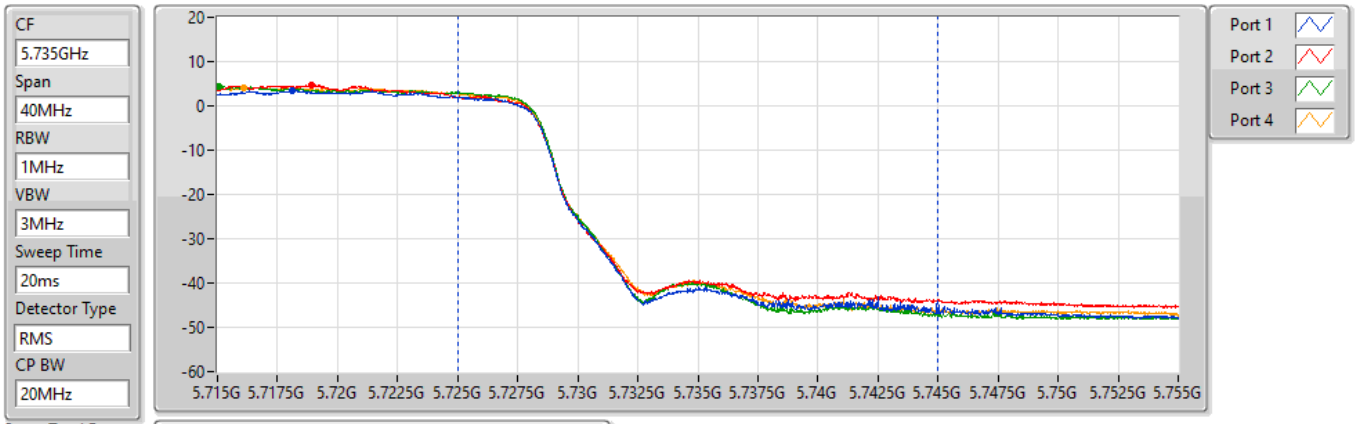


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.88	17.16	18.01	18.21	17.99

802.11ac VHT40_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

08/03/2022

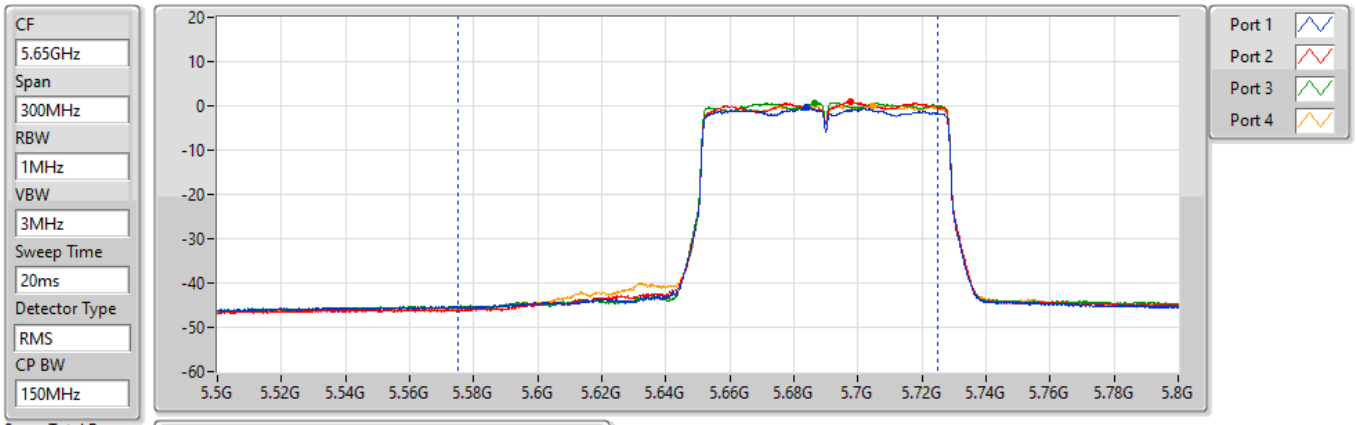


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.49	5.95	6.19	6.99	6.67

802.11ac VHT80_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

08/03/2022

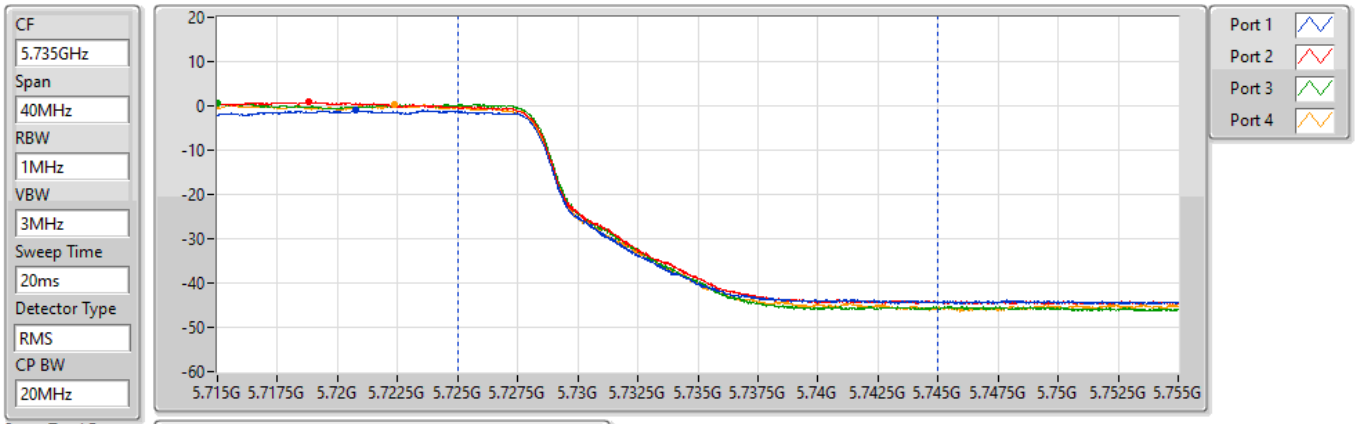


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.77	16.91	18.03	18.24	17.69

802.11ac VHT80_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

08/03/2022



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.04	3.12	4.14	4.75	3.92

For beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	28.97	0.78886
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	29.55	0.90157
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	24.50	0.28184
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.75	0.18836
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	23.19	0.20845
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	23.13	0.20559
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	23.74	0.23659
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	23.77	0.23823
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	29.55	0.90157
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	28.20	0.66069
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	25.38	0.34514

Result

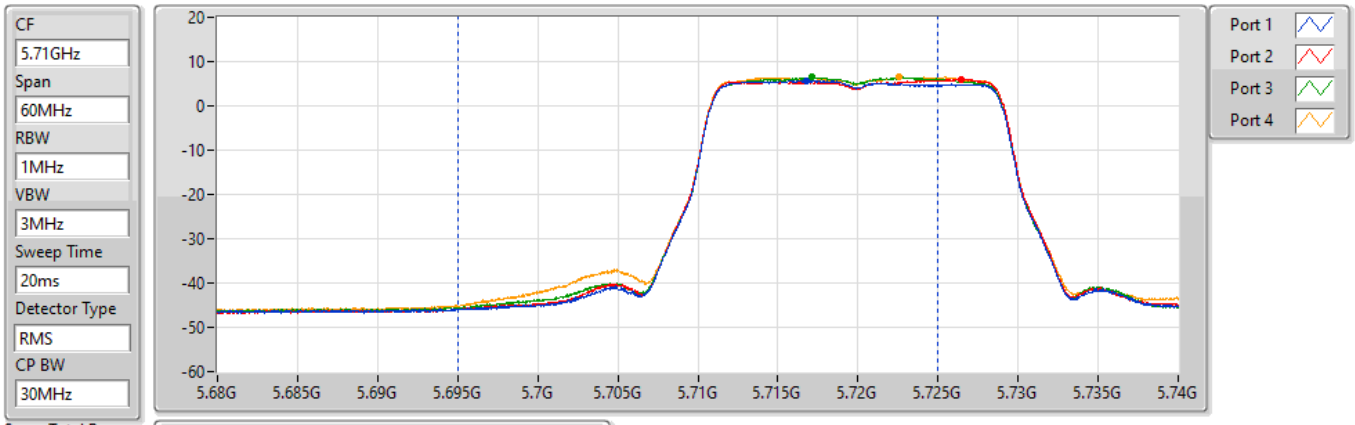
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.43	21.71	22.12	21.93	22.2	28.01	29.57
5200MHz	Pass	6.43	22.48	22.71	22.63	22.57	28.62	29.57
5240MHz	Pass	6.43	22.64	23.04	22.78	23.29	28.97	29.57
5260MHz	Pass	6.54	16.32	16.74	16.41	16.82	22.60	23.44
5300MHz	Pass	6.54	16.46	16.63	17.05	16.75	22.75	23.44
5320MHz	Pass	6.54	16.32	16.53	16.93	17.02	22.73	23.44
5500MHz	Pass	5.68	17.26	17.88	17.96	17.74	23.74	23.98
5580MHz	Pass	5.68	17.12	17.77	17.68	17.82	23.63	23.98
5700MHz	Pass	5.68	17.02	17.47	17.77	17.93	23.58	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.68	16.21	16.28	16.97	17.07	22.67	22.78
5720MHz Straddle 5.725-5.85GHz	Pass	5.98	10.31	11.4	11	11.5	17.10	30.00
5745MHz	Pass	5.98	22.78	23.15	23.31	23.53	29.22	30.00
5785MHz	Pass	5.98	23.58	23.34	23.76	23.42	29.55	30.00
5825MHz	Pass	5.98	23.18	22.63	22.93	23.29	29.04	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.43	21.51	21.7	21.47	21.54	27.58	29.57
5230MHz	Pass	6.43	23.37	23.54	23.51	23.68	29.55	29.57
5270MHz	Pass	6.54	16.93	17.11	17.25	17.36	23.19	23.44
5310MHz	Pass	6.54	16.81	16.92	17.22	17.01	23.01	23.44
5510MHz	Pass	5.68	17.25	17.98	18.14	17.67	23.79	23.98
5550MHz	Pass	5.68	17.23	18.26	18.11	18.09	23.96	23.98
5670MHz	Pass	5.68	17.05	17.98	18.16	17.63	23.75	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.68	17.16	18.01	18.21	17.99	23.88	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.98	5.95	6.19	6.99	6.67	12.49	30.00
5755MHz	Pass	5.98	21.68	22.46	22.34	22.21	28.20	30.00
5795MHz	Pass	5.98	21.55	22.2	22.43	22.07	28.09	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.43	18.17	18.59	18.52	18.61	24.50	29.57
5290MHz	Pass	6.54	16.68	17.06	17.42	17.26	23.13	23.44
5530MHz	Pass	5.68	17.06	17.94	18.01	17.87	23.76	23.98
5610MHz	Pass	5.68	16.97	17.76	17.83	17.65	23.59	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.68	16.91	18.03	18.24	17.69	23.77	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.98	3.12	4.14	4.75	3.92	10.04	30.00
5775MHz	Pass	5.98	18.84	19.54	19.69	19.31	25.38	30.00

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

802.11ac VHT20_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

08/03/2022

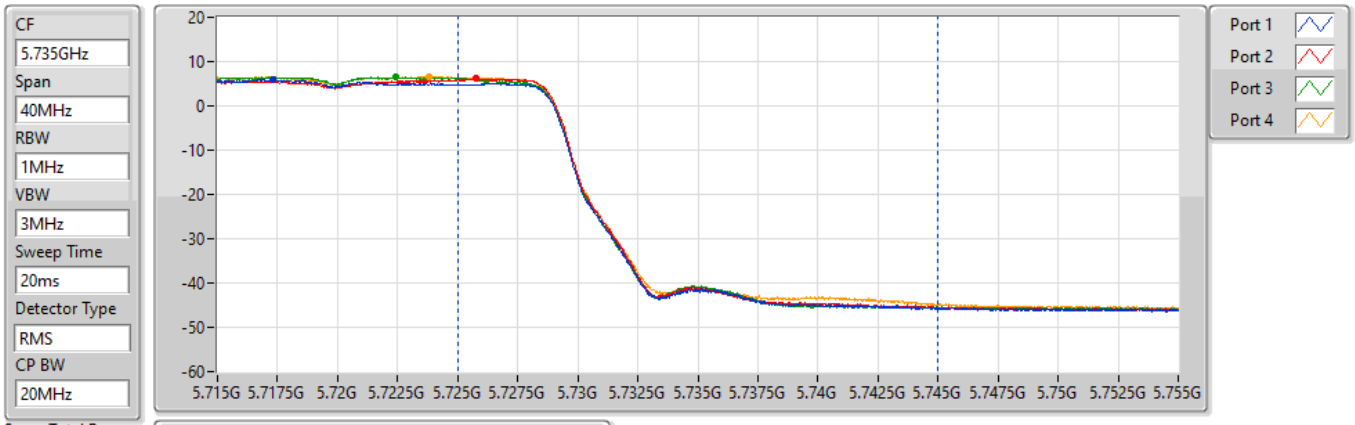


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.67	16.21	16.28	16.97	17.07

802.11ac VHT20_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

08/03/2022

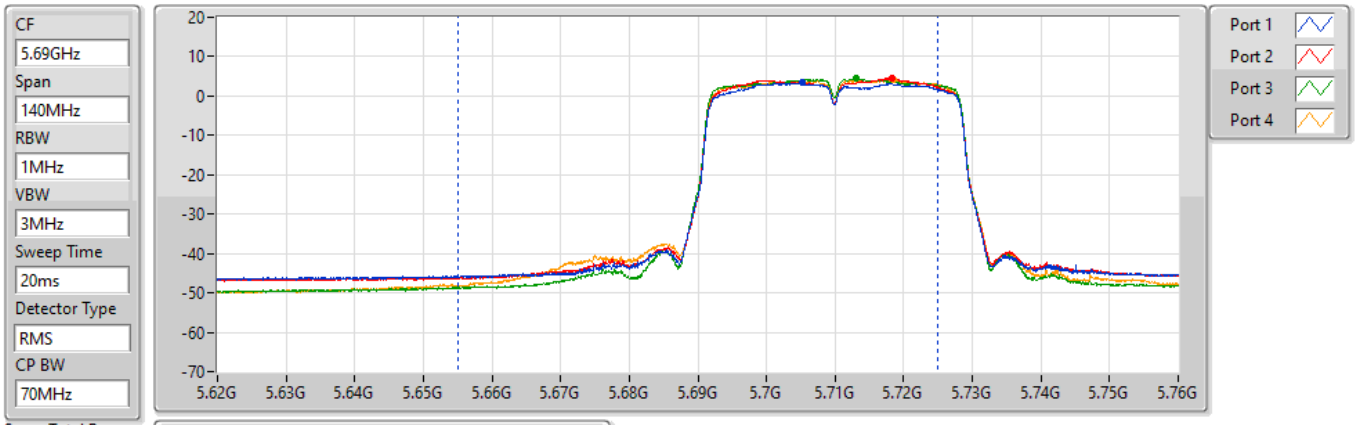


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.10	10.31	11.40	11.00	11.50

802.11ac VHT40_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

08/03/2022

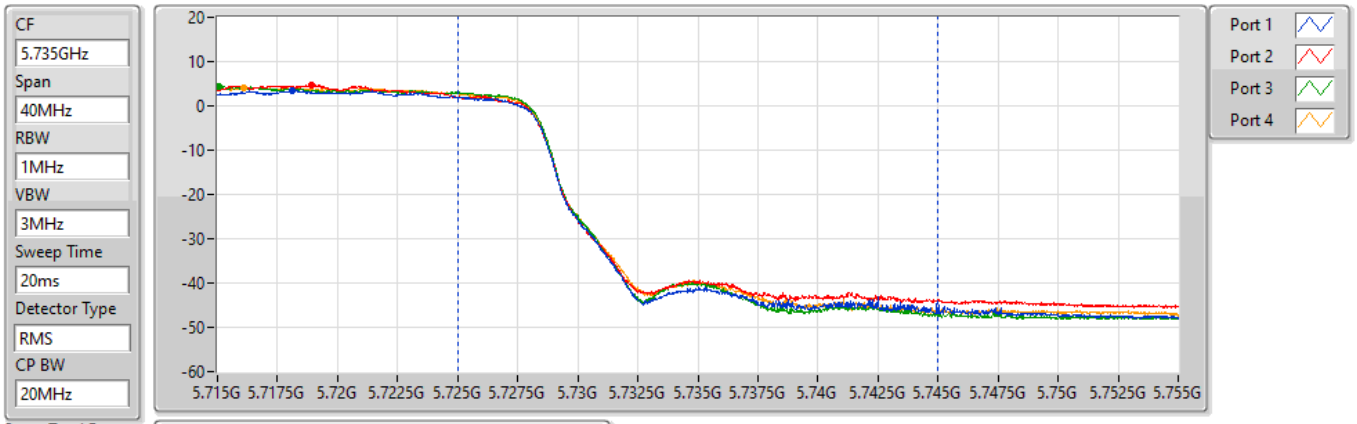


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.88	17.16	18.01	18.21	17.99

802.11ac VHT40_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

08/03/2022

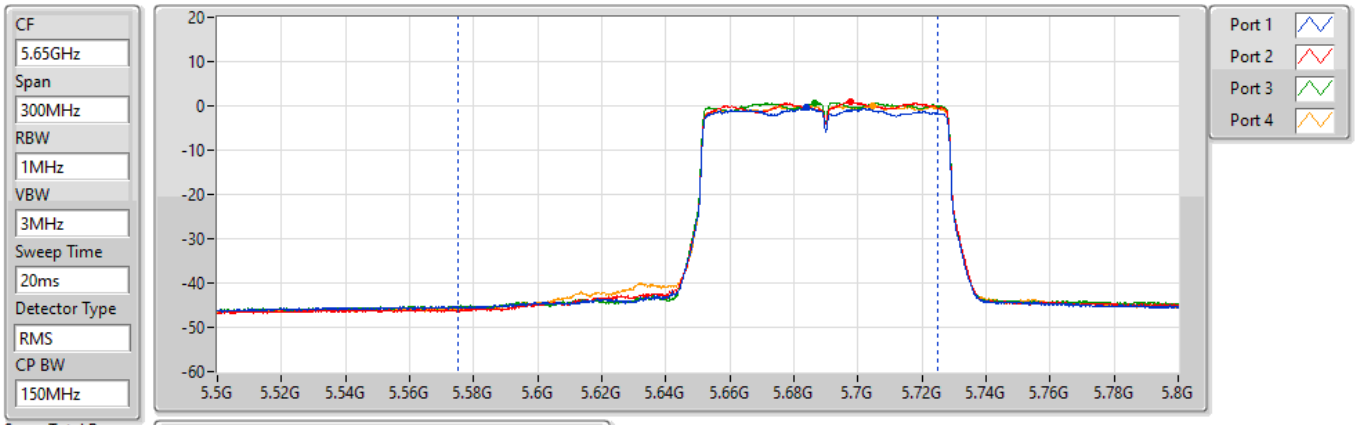


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.49	5.95	6.19	6.99	6.67

802.11ac VHT80_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

08/03/2022



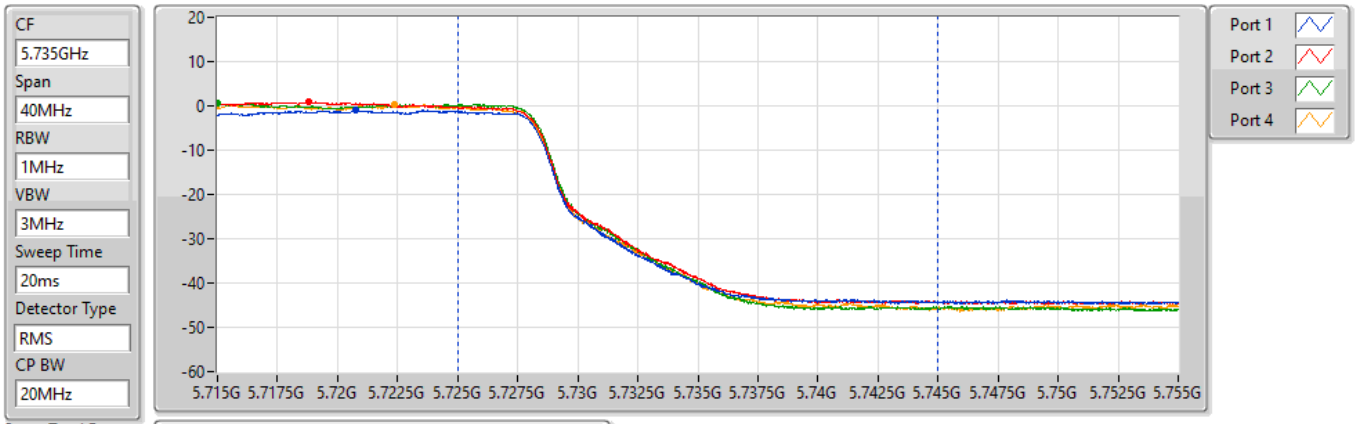
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.77	16.91	18.03	18.24	17.69

802.11ac VHT80_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

08/03/2022



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.04	3.12	4.14	4.75	3.92

For non beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	28.93	0.78163
802.11ac VHT20_Nss1,(MCS0)_4TX	28.83	0.76384
802.11ac VHT40_Nss1,(MCS0)_4TX	28.77	0.75336
802.11ac VHT80_Nss1,(MCS0)_4TX	22.62	0.18281
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.73	0.18750
802.11ac VHT20_Nss1,(MCS0)_4TX	22.61	0.18239
802.11ac VHT40_Nss1,(MCS0)_4TX	23.70	0.23442
802.11ac VHT80_Nss1,(MCS0)_4TX	21.46	0.13996
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.34	0.21577
802.11ac VHT20_Nss1,(MCS0)_4TX	23.35	0.21627
802.11ac VHT40_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ac VHT80_Nss1,(MCS0)_4TX	23.90	0.24547
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	28.15	0.65313
802.11ac VHT20_Nss1,(MCS0)_4TX	29.20	0.83176
802.11ac VHT40_Nss1,(MCS0)_4TX	28.96	0.78705
802.11ac VHT80_Nss1,(MCS0)_4TX	24.85	0.30549

Result

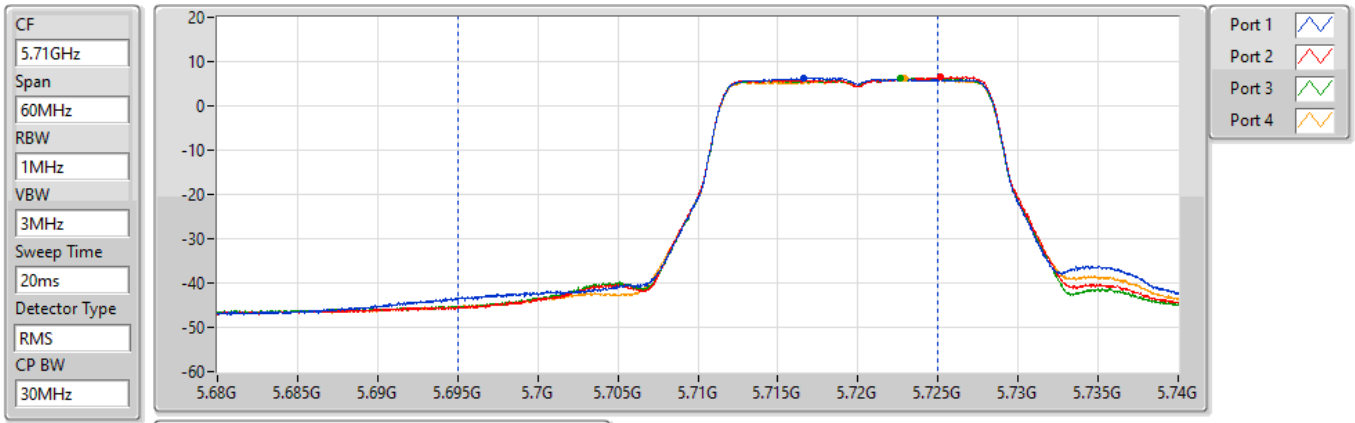
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.07	20.48	20.94	20.74	20.68	26.73	30.00
5200MHz	Pass	5.07	22.27	22.98	22.73	22.67	28.69	30.00
5240MHz	Pass	5.07	22.65	23.28	22.81	22.86	28.93	30.00
5260MHz	Pass	5.49	16.18	16.64	16.22	16.15	22.32	23.85
5300MHz	Pass	5.49	16.54	16.81	16.65	16.33	22.61	23.86
5320MHz	Pass	5.49	16.51	16.83	16.89	16.60	22.73	23.84
5500MHz	Pass	2.82	17.12	17.28	17.43	17.22	23.28	23.88
5580MHz	Pass	2.82	16.92	16.84	17.07	16.98	22.97	23.89
5700MHz	Pass	2.82	17.29	17.39	17.41	17.18	23.34	23.95
5720MHz Straddle 5.47-5.725GHz	Pass	2.82	16.76	16.58	16.54	16.40	22.59	22.63
5720MHz Straddle 5.725-5.85GHz	Pass	4.28	10.65	11.09	10.56	10.43	16.71	30.00
5745MHz	Pass	4.28	20.32	20.65	20.11	20.29	26.37	30.00
5785MHz	Pass	4.28	22.04	22.27	22.21	22.01	28.15	30.00
5825MHz	Pass	4.28	21.31	21.77	21.46	21.38	27.50	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.07	20.79	21.22	21.13	20.91	27.04	30.00
5200MHz	Pass	5.07	22.21	22.86	22.59	22.48	28.56	30.00
5240MHz	Pass	5.07	22.64	22.97	22.79	22.83	28.83	30.00
5260MHz	Pass	5.49	16.41	16.83	16.66	16.45	22.61	23.98
5300MHz	Pass	5.49	16.13	16.60	16.54	16.25	22.41	23.98
5320MHz	Pass	5.49	16.32	16.69	16.71	16.56	22.59	23.98
5500MHz	Pass	2.82	16.81	17.03	17.22	17.11	23.07	23.98
5580MHz	Pass	2.82	17.08	17.33	17.49	17.39	23.35	23.98
5700MHz	Pass	2.82	17.11	17.06	17.28	17.01	23.14	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.82	16.66	16.58	16.59	16.46	22.59	22.80
5720MHz Straddle 5.725-5.85GHz	Pass	4.28	11.05	11.59	11.08	11.00	17.21	30.00
5745MHz	Pass	4.28	20.20	20.42	20.14	20.23	26.27	30.00
5785MHz	Pass	4.28	22.69	23.18	23.05	22.56	28.90	30.00
5825MHz	Pass	4.28	22.75	23.70	23.17	23.04	29.20	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.07	19.03	19.05	18.89	18.73	24.95	30.00
5230MHz	Pass	5.07	22.72	22.92	22.80	22.53	28.77	30.00
5270MHz	Pass	5.49	17.86	17.73	17.67	17.44	23.70	23.98
5310MHz	Pass	5.49	17.61	17.59	17.76	17.28	23.58	23.98
5510MHz	Pass	2.82	17.52	17.74	18.03	17.59	23.75	23.98
5550MHz	Pass	2.82	17.45	17.63	17.76	17.47	23.60	23.98
5670MHz	Pass	2.82	17.67	18.24	17.91	17.52	23.86	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	2.82	17.85	18.14	17.95	17.80	23.96	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.28	7.04	6.68	6.41	6.44	12.67	30.00
5755MHz	Pass	4.28	21.68	22.25	21.75	21.33	27.79	30.00
5795MHz	Pass	4.28	22.67	23.31	23.23	22.49	28.96	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.07	16.75	16.68	16.65	16.31	22.62	30.00
5290MHz	Pass	5.49	15.29	15.51	15.62	15.32	21.46	23.98
5530MHz	Pass	2.82	16.38	16.49	16.87	16.74	22.64	23.98
5610MHz	Pass	2.82	17.55	18.38	17.96	17.56	23.90	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	2.82	17.66	18.22	17.86	17.33	23.80	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.28	4.84	4.88	4.24	4.21	10.57	30.00
5775MHz	Pass	4.28	18.79	19.27	18.75	18.48	24.85	30.00

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

802.11a_Nss1,(6Mbps)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

15/03/2022



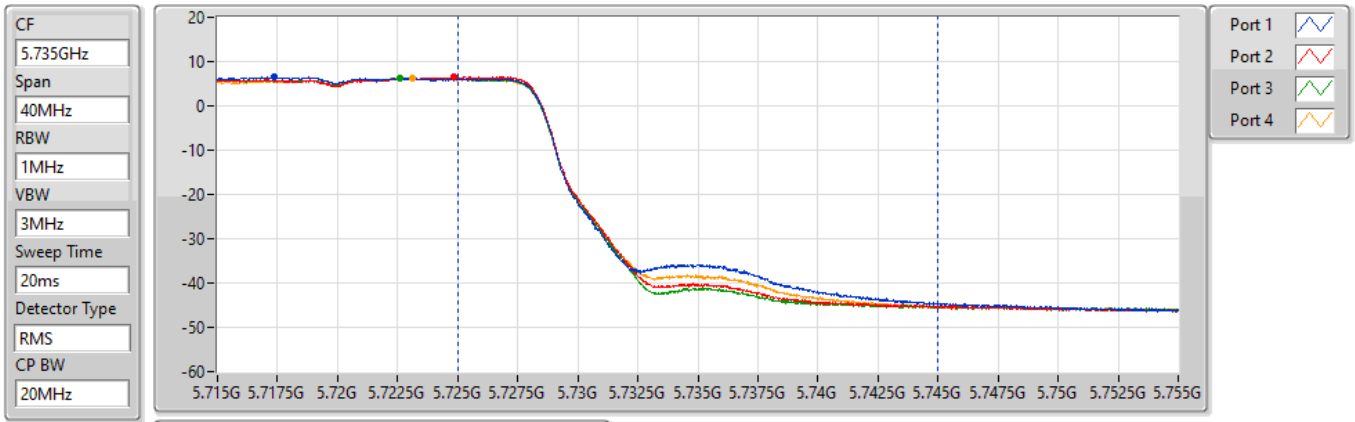
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.59	16.76	16.58	16.54	16.40

802.11a_Nss1,(6Mbps)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

15/03/2022



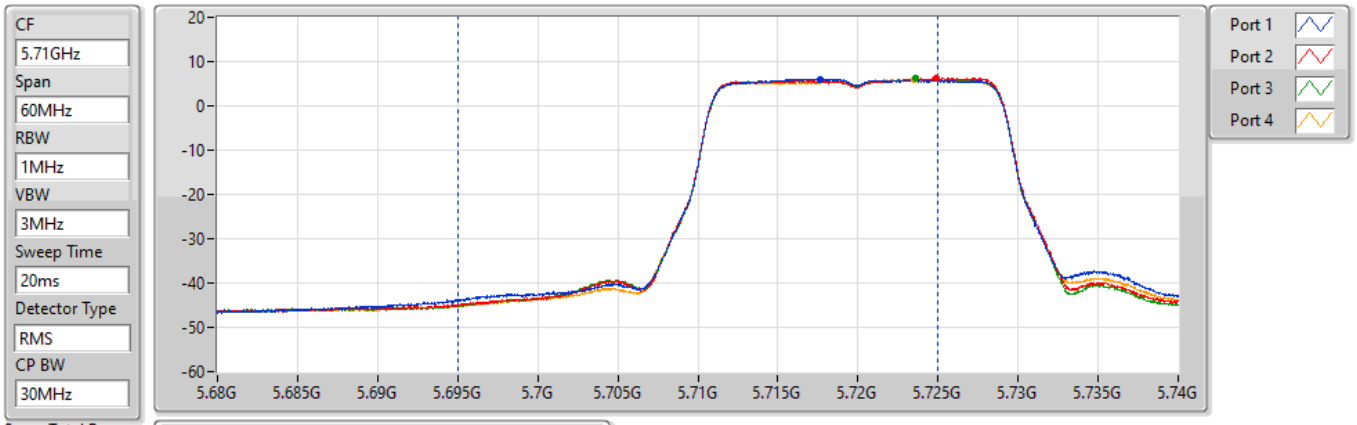
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.71	10.65	11.09	10.56	10.43

802.11ac VHT20_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

16/03/2022

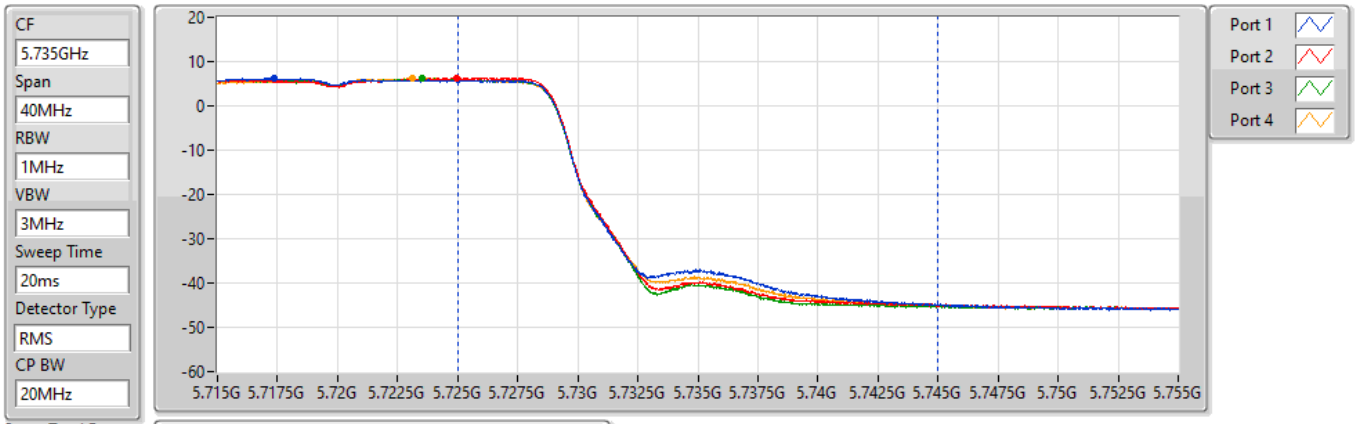


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.59	16.66	16.58	16.59	16.46

802.11ac VHT20_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

16/03/2022

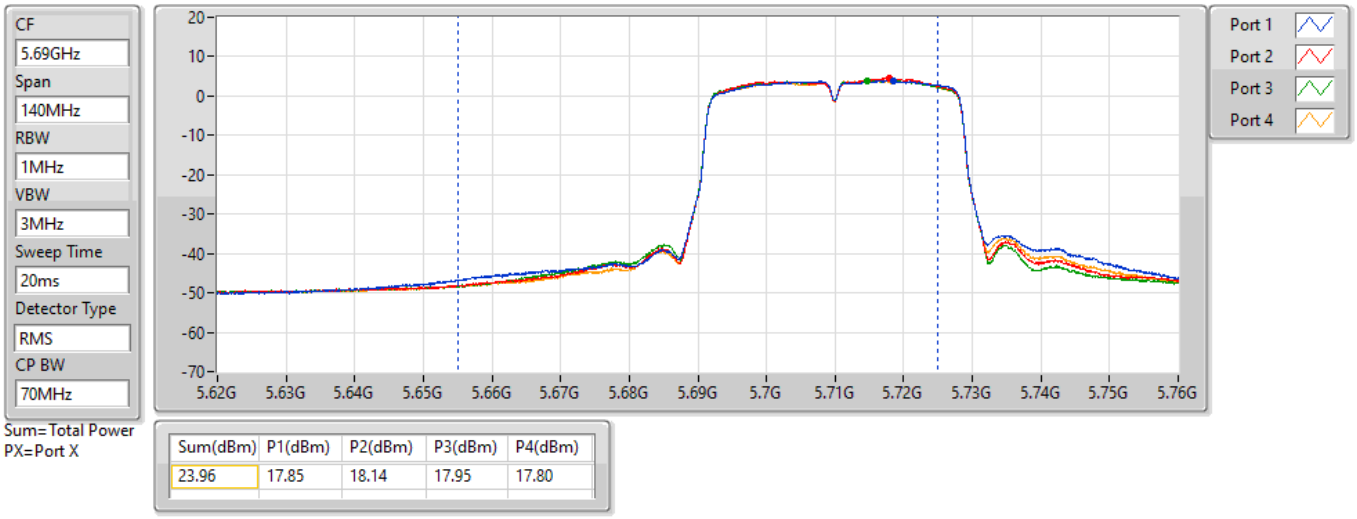


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.21	11.05	11.59	11.08	11.00

802.11ac VHT40_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

16/03/2022

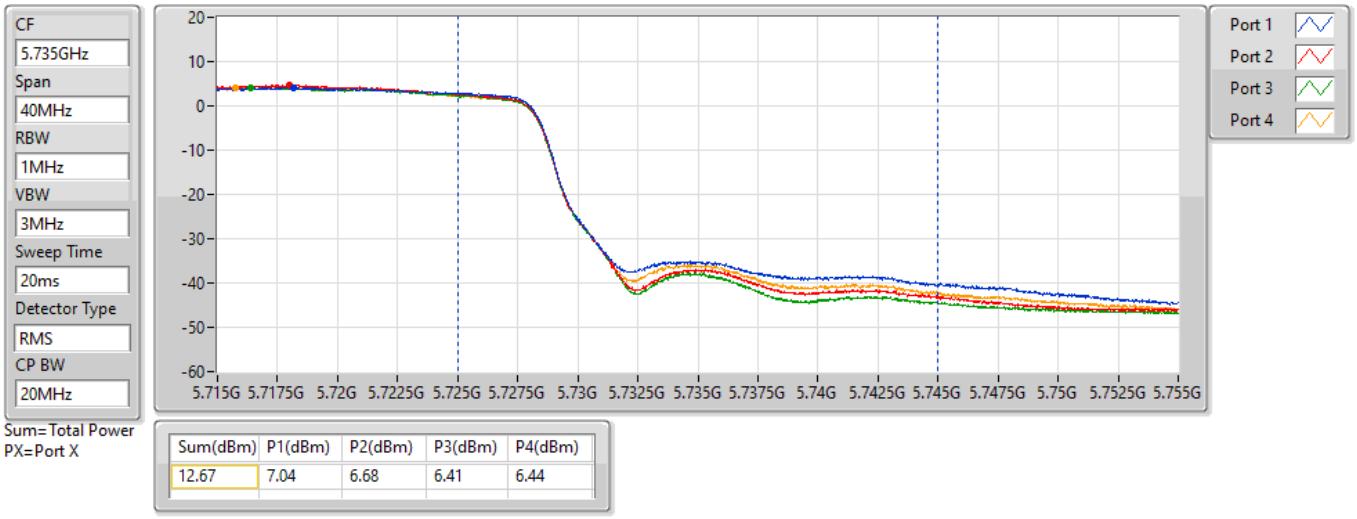


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.96	17.85	18.14	17.95	17.80

802.11ac VHT40_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

16/03/2022

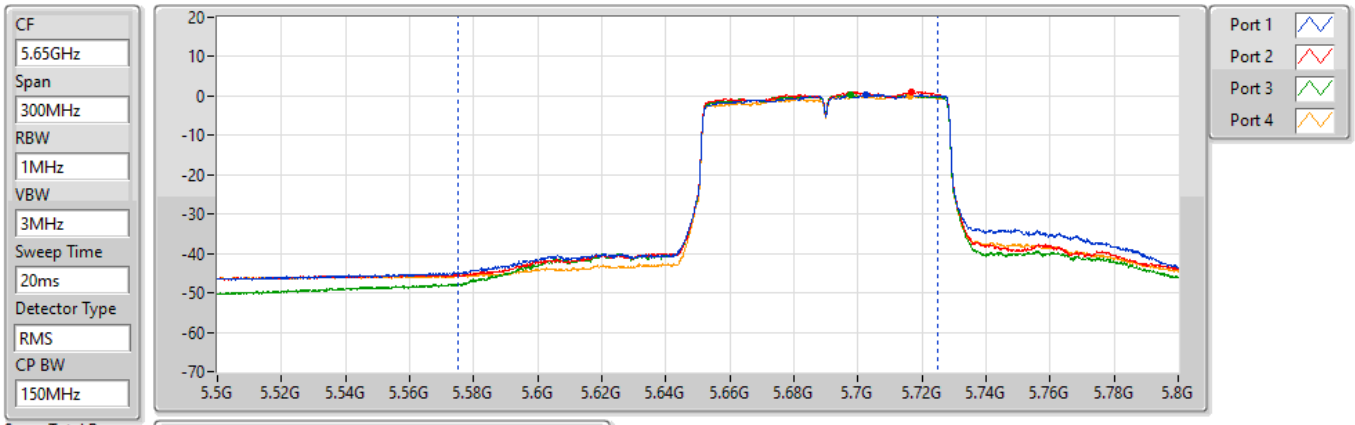


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.67	7.04	6.68	6.41	6.44

802.11ac VHT80_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

16/03/2022

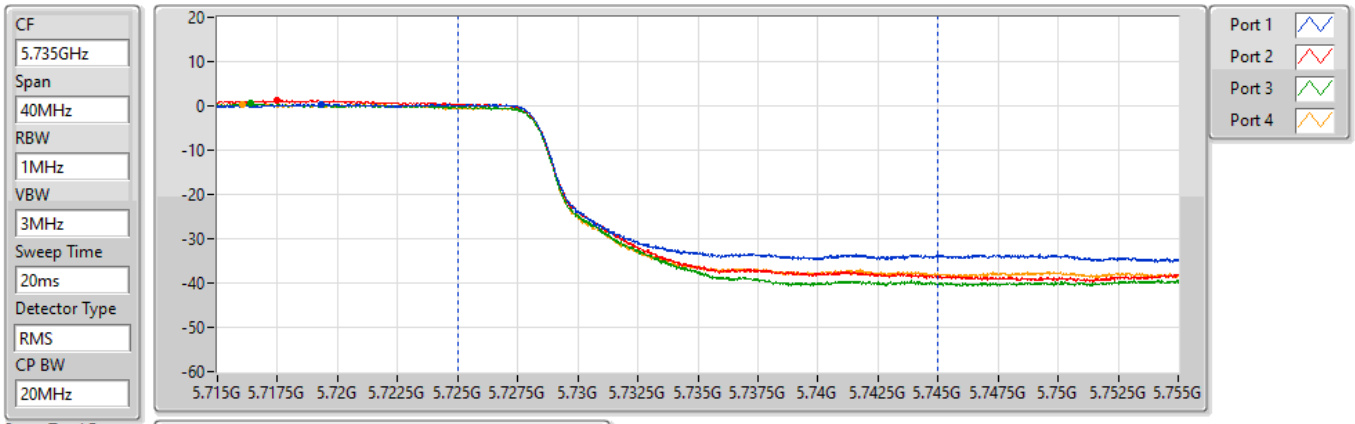


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.80	17.66	18.22	17.86	17.33

802.11ac VHT80_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

16/03/2022



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.57	4.84	4.88	4.24	4.21

For beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	28.83	0.76384
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	28.77	0.75336
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	22.62	0.18281
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.61	0.18239
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	23.19	0.20845
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	21.46	0.13996
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	23.35	0.21627
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	23.90	0.24547
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	29.20	0.83176
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	28.96	0.78705
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	24.85	0.30549

Result

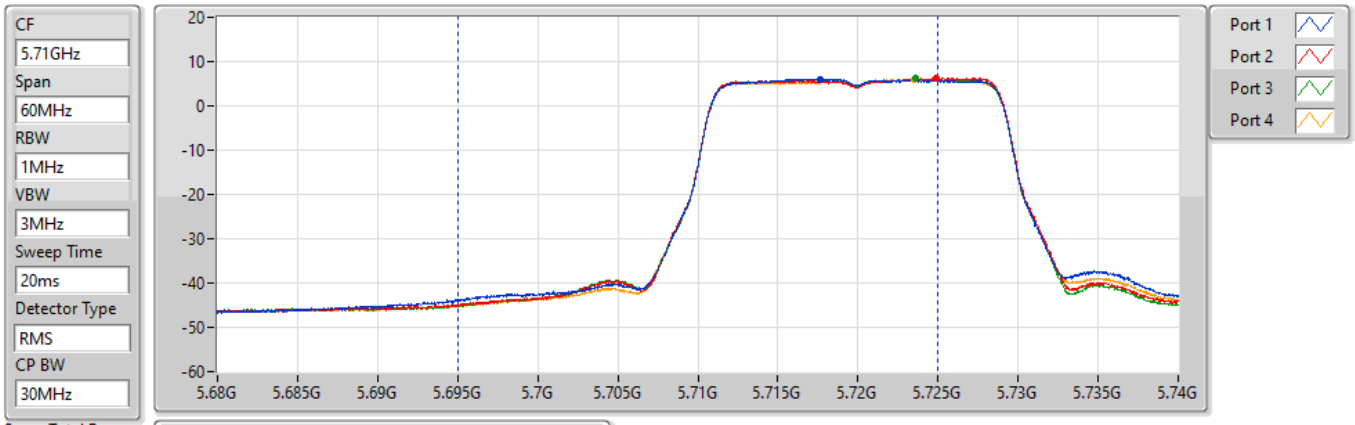
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.43	20.79	21.22	21.13	20.91	27.04	29.57
5200MHz	Pass	6.43	22.21	22.86	22.59	22.48	28.56	29.57
5240MHz	Pass	6.43	22.64	22.97	22.79	22.83	28.83	29.57
5260MHz	Pass	6.54	16.41	16.83	16.66	16.45	22.61	23.44
5300MHz	Pass	6.54	16.13	16.6	16.54	16.25	22.41	23.44
5320MHz	Pass	6.54	16.32	16.69	16.71	16.56	22.59	23.44
5500MHz	Pass	5.68	16.81	17.03	17.22	17.11	23.07	23.98
5580MHz	Pass	5.68	17.08	17.33	17.49	17.39	23.35	23.98
5700MHz	Pass	5.68	17.11	17.06	17.28	17.01	23.14	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.68	16.66	16.58	16.59	16.46	22.59	22.80
5720MHz Straddle 5.725-5.85GHz	Pass	5.98	11.05	11.59	11.08	11.00	17.21	30.00
5745MHz	Pass	5.98	20.2	20.42	20.14	20.23	26.27	30.00
5785MHz	Pass	5.98	22.69	23.18	23.05	22.56	28.90	30.00
5825MHz	Pass	5.98	22.75	23.7	23.17	23.04	29.20	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.43	19.03	19.05	18.89	18.73	24.95	29.57
5230MHz	Pass	6.43	22.72	22.92	22.8	22.53	28.77	29.57
5270MHz	Pass	6.54	17.32	17.21	17.18	16.96	23.19	23.44
5310MHz	Pass	6.54	17.14	17.08	17.23	16.82	23.09	23.44
5510MHz	Pass	5.68	17.52	17.74	18.03	17.59	23.75	23.98
5550MHz	Pass	5.68	17.45	17.63	17.76	17.47	23.60	23.98
5670MHz	Pass	5.68	17.67	18.24	17.91	17.52	23.86	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.68	17.85	18.14	17.95	17.80	23.96	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.98	7.04	6.68	6.41	6.44	12.67	30.00
5755MHz	Pass	5.98	21.68	22.25	21.75	21.33	27.79	30.00
5795MHz	Pass	5.98	22.67	23.31	23.23	22.49	28.96	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.43	16.75	16.68	16.65	16.31	22.62	29.57
5290MHz	Pass	6.54	15.29	15.51	15.62	15.32	21.46	23.44
5530MHz	Pass	5.68	16.38	16.49	16.87	16.74	22.64	23.98
5610MHz	Pass	5.68	17.55	18.38	17.96	17.56	23.90	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.68	17.66	18.22	17.86	17.33	23.80	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.98	4.84	4.88	4.24	4.21	10.57	30.00
5775MHz	Pass	5.98	18.79	19.27	18.75	18.48	24.85	30.00

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

802.11ac VHT20_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

16/03/2022

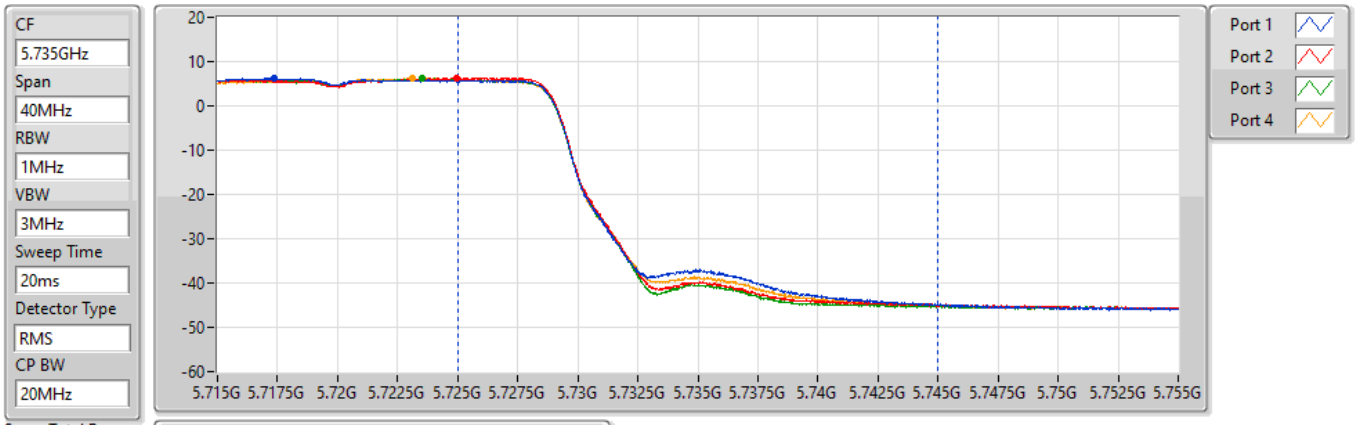


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.59	16.66	16.58	16.59	16.46

802.11ac VHT20_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

16/03/2022

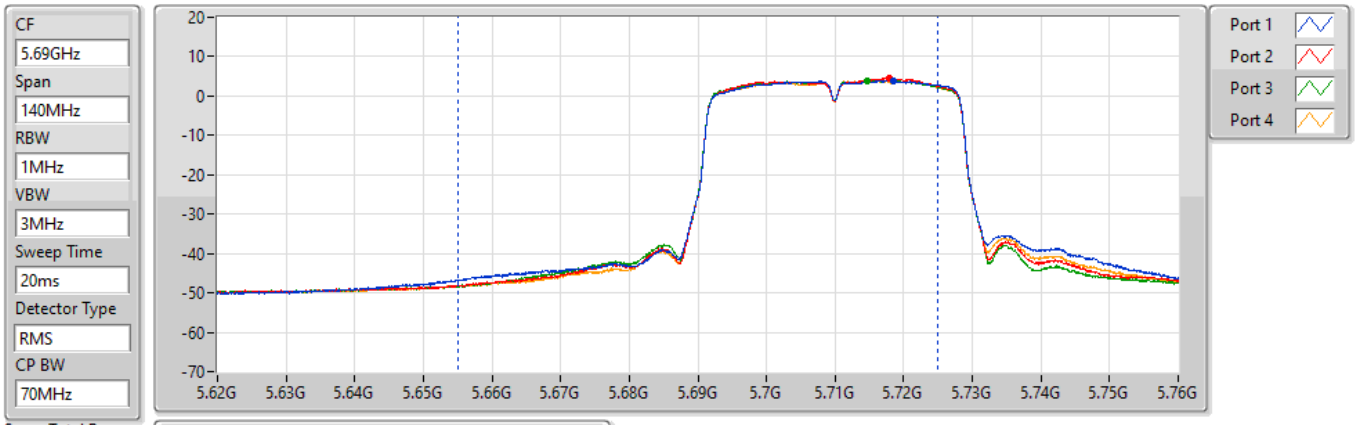


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.21	11.05	11.59	11.08	11.00

802.11ac VHT40_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

16/03/2022

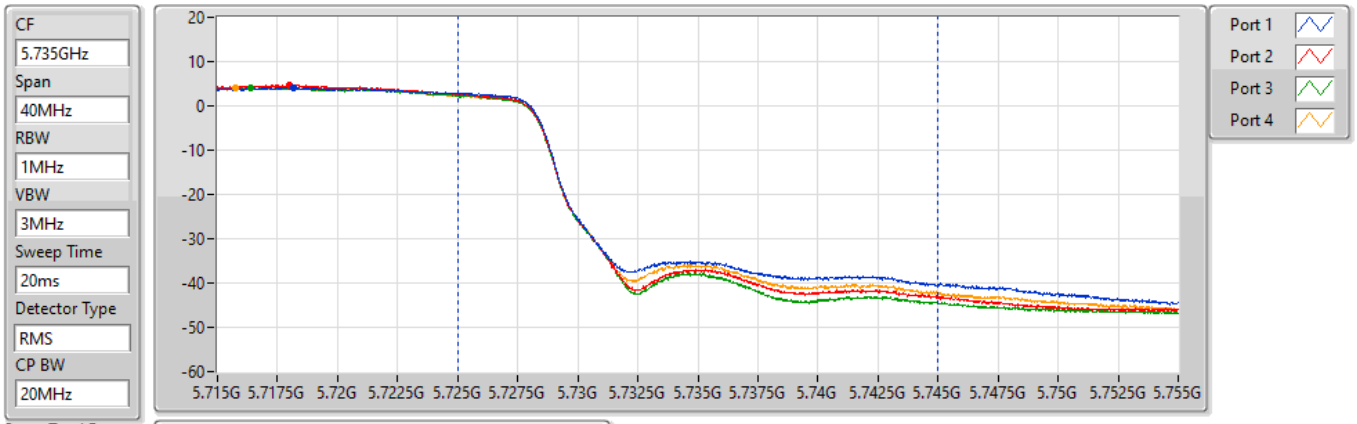


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.96	17.85	18.14	17.95	17.80

802.11ac VHT40_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

16/03/2022

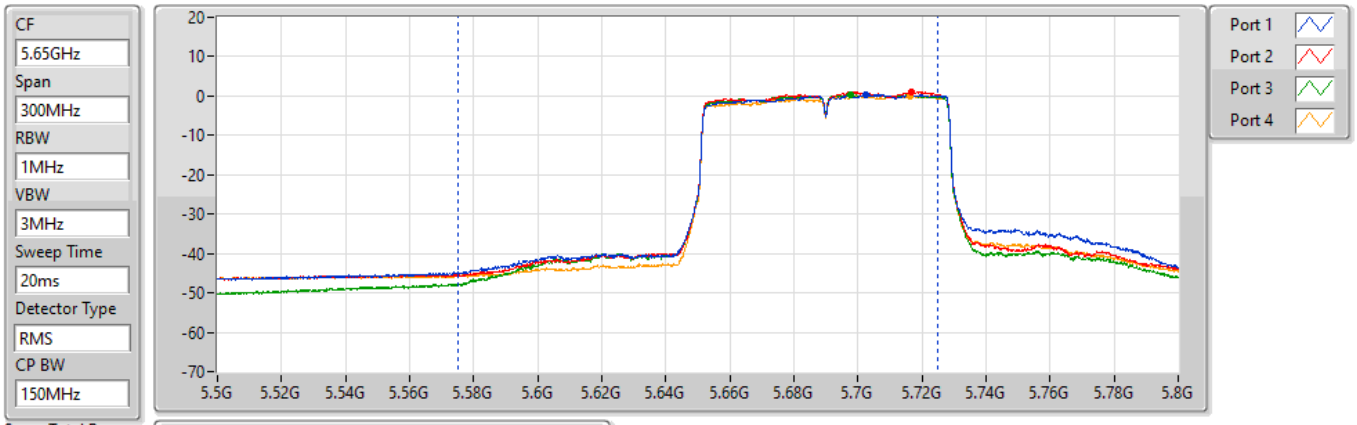


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.67	7.04	6.68	6.41	6.44

802.11ac VHT80_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

16/03/2022



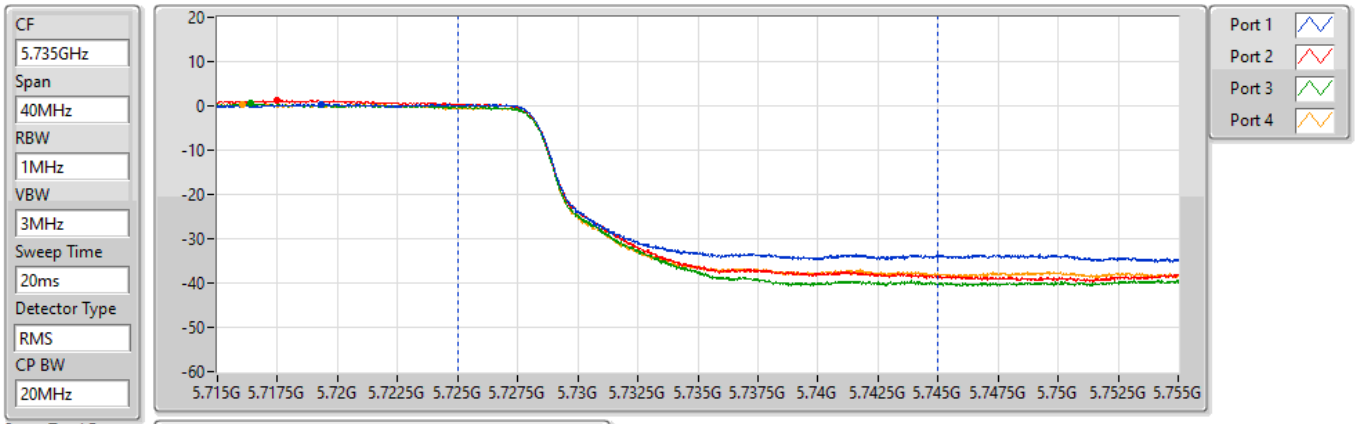
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.80	17.66	18.22	17.86	17.33

802.11ac VHT80_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

16/03/2022



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.57	4.84	4.88	4.24	4.21

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	16.56
802.11ac VHT20_Nss1,(MCS0)_4TX	16.48
802.11ac VHT40_Nss1,(MCS0)_4TX	14.05
802.11ac VHT80_Nss1,(MCS0)_4TX	5.63
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.42
802.11ac VHT20_Nss1,(MCS0)_4TX	10.39
802.11ac VHT40_Nss1,(MCS0)_4TX	8.51
802.11ac VHT80_Nss1,(MCS0)_4TX	4.84
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.95
802.11ac VHT20_Nss1,(MCS0)_4TX	10.98
802.11ac VHT40_Nss1,(MCS0)_4TX	8.66
802.11ac VHT80_Nss1,(MCS0)_4TX	5.23
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.75
802.11ac VHT20_Nss1,(MCS0)_4TX	15.27
802.11ac VHT40_Nss1,(MCS0)_4TX	11.23
802.11ac VHT80_Nss1,(MCS0)_4TX	5.05

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

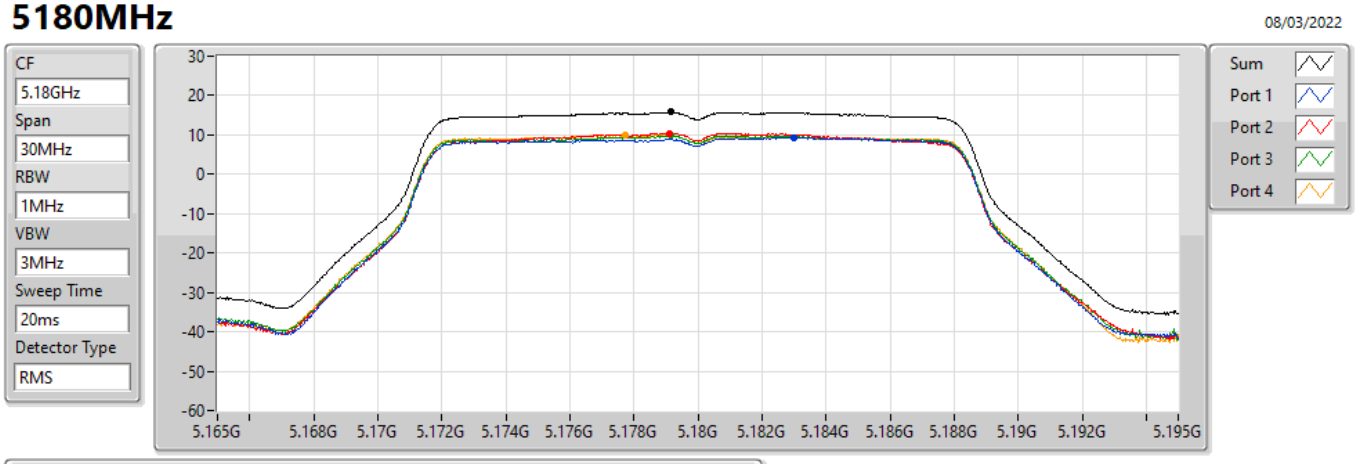
Result

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	6.43	9.43	10.46	9.86	9.98	15.82	16.57
5200MHz	Pass	6.43	9.85	10.89	10.44	10.35	16.27	16.57
5240MHz	Pass	6.43	10.25	11.22	10.70	10.87	16.56	16.57
5260MHz	Pass	6.54	3.98	5.03	4.60	4.37	10.30	10.46
5300MHz	Pass	6.54	4.46	4.81	4.94	4.32	10.42	10.46
5320MHz	Pass	6.54	4.20	4.46	4.84	4.28	10.31	10.46
5500MHz	Pass	5.68	4.51	5.32	5.57	4.85	10.95	11.00
5580MHz	Pass	5.68	4.30	5.46	5.60	5.13	10.94	11.00
5700MHz	Pass	5.68	4.49	4.99	5.40	5.17	10.75	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.68	4.25	4.38	4.93	5.01	10.41	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.98	2.10	3.21	3.21	3.50	8.93	30.00
5745MHz	Pass	5.98	9.60	9.54	9.55	10.02	15.54	30.00
5785MHz	Pass	5.98	10.00	9.73	10.11	9.87	15.74	30.00
5825MHz	Pass	5.98	10.21	9.34	9.90	10.23	15.75	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.43	9.27	10.08	9.74	9.91	15.58	16.57
5200MHz	Pass	6.43	9.82	10.68	10.30	10.28	16.09	16.57
5240MHz	Pass	6.43	10.21	11.03	10.53	10.73	16.48	16.57
5260MHz	Pass	6.54	4.15	5.16	4.66	4.43	10.37	10.46
5300MHz	Pass	6.54	4.27	4.72	4.93	4.65	10.39	10.46
5320MHz	Pass	6.54	4.15	4.51	4.84	4.54	10.32	10.46
5500MHz	Pass	5.68	4.60	5.37	5.73	4.97	10.98	11.00
5580MHz	Pass	5.68	4.33	5.41	5.42	5.15	10.93	11.00
5700MHz	Pass	5.68	4.64	5.00	5.40	5.20	10.81	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.68	4.16	4.31	5.13	5.17	10.47	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.98	2.24	3.20	3.15	3.65	8.99	30.00
5745MHz	Pass	5.98	8.84	9.08	9.31	9.53	14.99	30.00
5785MHz	Pass	5.98	9.59	9.33	9.56	9.45	15.27	30.00
5825MHz	Pass	5.98	9.25	8.37	8.87	9.26	14.77	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.43	6.35	7.15	6.54	6.35	12.39	16.57
5230MHz	Pass	6.43	8.12	8.66	8.17	8.37	14.05	16.57
5270MHz	Pass	6.54	2.30	2.78	2.87	2.57	8.29	10.46
5310MHz	Pass	6.54	2.67	2.95	3.28	2.63	8.51	10.46
5510MHz	Pass	5.68	2.20	2.84	3.40	2.75	8.55	11.00
5550MHz	Pass	5.68	2.01	3.30	3.48	3.02	8.66	11.00
5670MHz	Pass	5.68	1.74	3.05	2.93	2.19	8.19	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.68	1.84	2.77	2.70	2.42	8.22	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.98	-0.92	-0.76	-0.22	-0.13	5.53	30.00
5755MHz	Pass	5.98	5.19	5.84	5.37	5.48	11.23	30.00
5795MHz	Pass	5.98	4.91	5.78	5.54	5.17	11.07	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.43	-0.51	0.33	-0.25	0.05	5.63	16.57
5290MHz	Pass	6.54	-1.17	-0.55	-0.54	-0.90	4.84	10.46
5530MHz	Pass	5.68	-1.27	-0.25	-0.23	-0.37	5.23	11.00
5610MHz	Pass	5.68	-1.66	-0.39	-0.69	-0.77	4.79	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.68	-2.18	-0.64	-0.98	-1.45	4.54	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.98	-4.43	-3.27	-2.76	-3.49	2.47	30.00
5775MHz	Pass	5.98	-1.20	-0.31	-0.58	-0.60	5.05	30.00

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

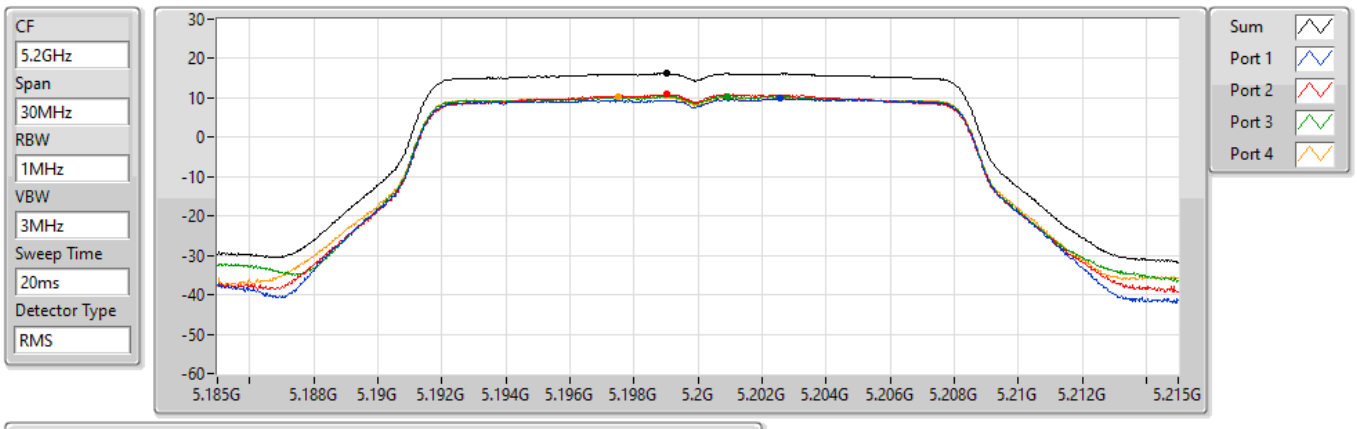
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.82	15.82	9.43	10.46	9.86	9.98

802.11a_Nss1,(6Mbps)_4TX PSD

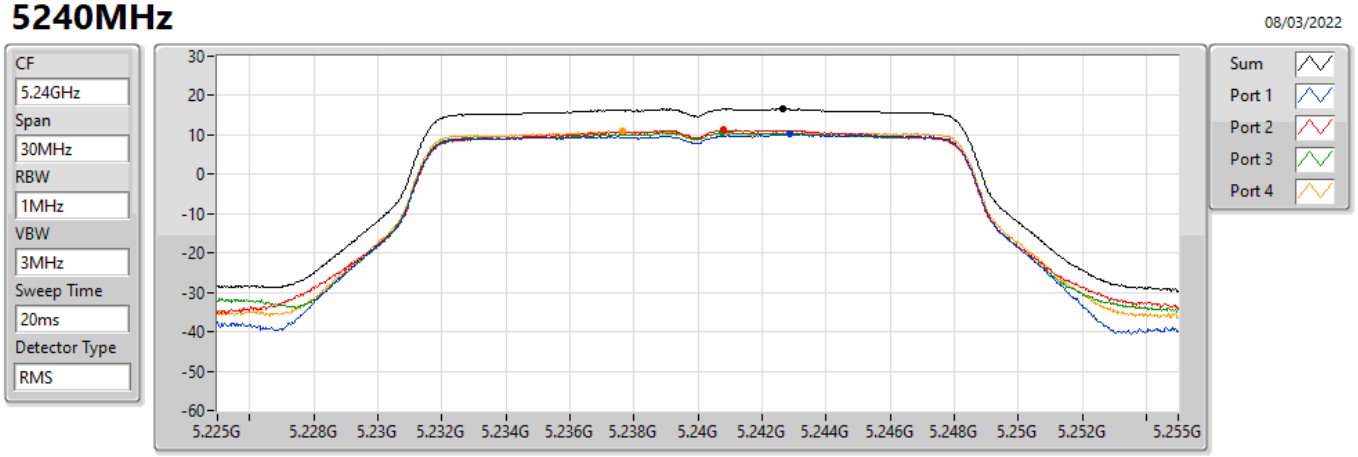
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.27	16.27	9.85	10.89	10.44	10.35

802.11a_Nss1,(6Mbps)_4TX PSD

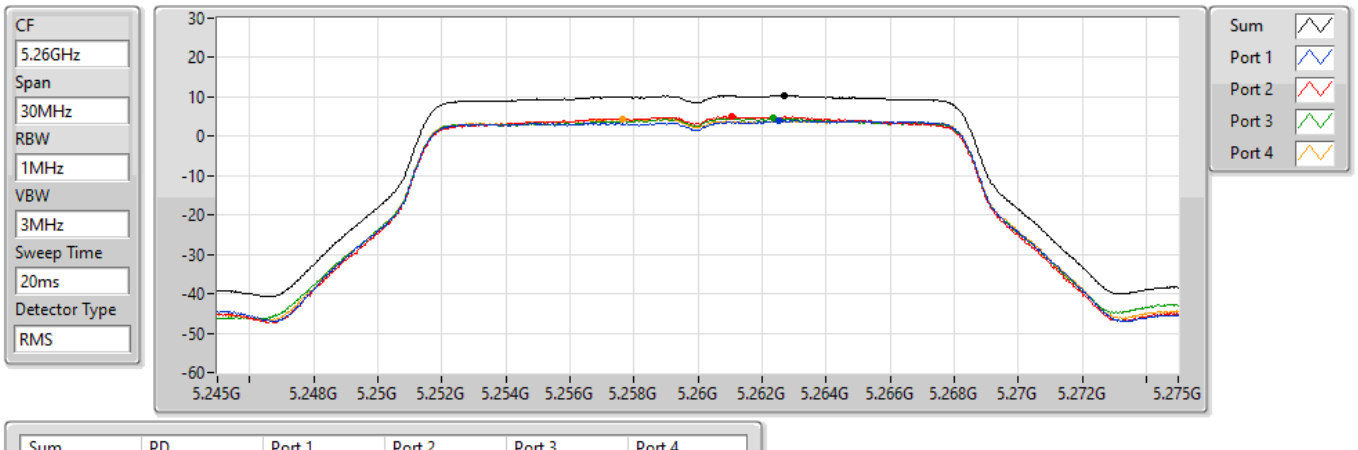
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.56	16.56	10.25	11.22	10.70	10.87

802.11a_Nss1,(6Mbps)_4TX PSD

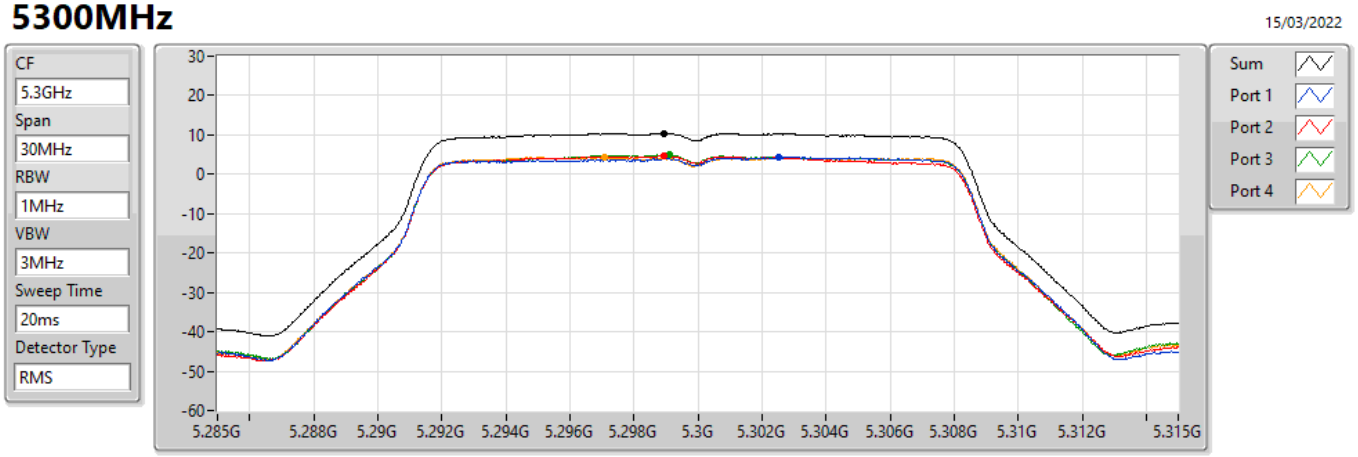
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.30	10.30	3.98	5.03	4.60	4.37

802.11a_Nss1,(6Mbps)_4TX PSD

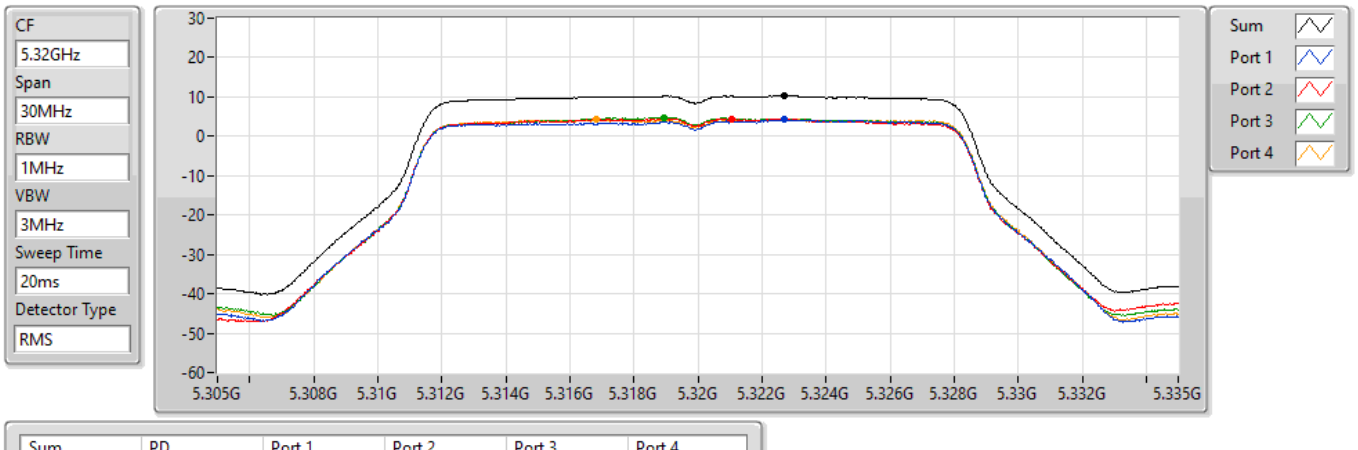
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.42	10.42	4.46	4.81	4.94	4.32

802.11a_Nss1,(6Mbps)_4TX PSD

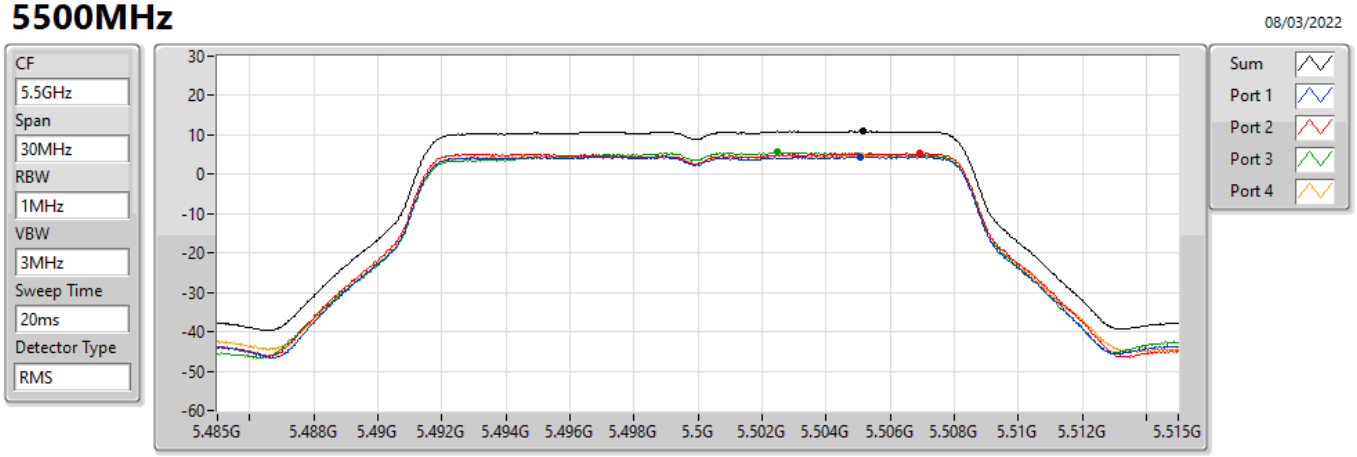
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.31	10.31	4.20	4.46	4.84	4.28

802.11a_Nss1,(6Mbps)_4TX PSD

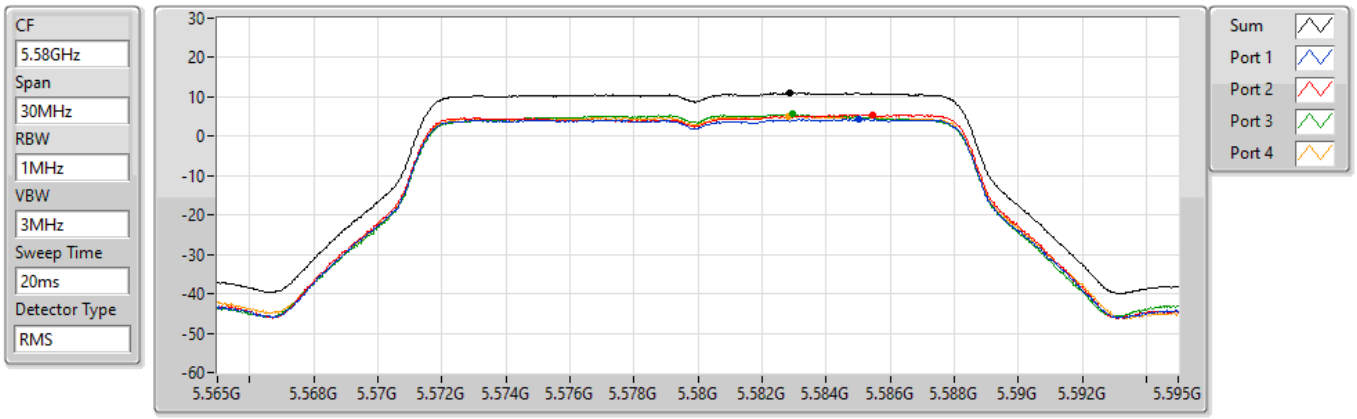
5500MHz



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	4.51	5.32	5.57	4.85

802.11a_Nss1,(6Mbps)_4TX PSD

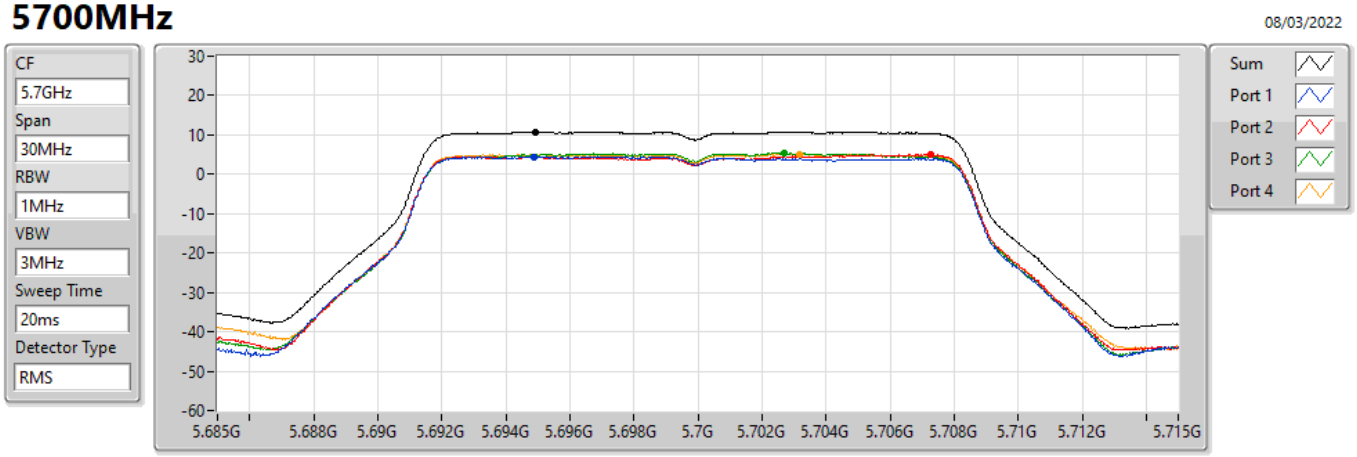
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.94	10.94	4.30	5.46	5.60	5.13

802.11a_Nss1,(6Mbps)_4TX PSD

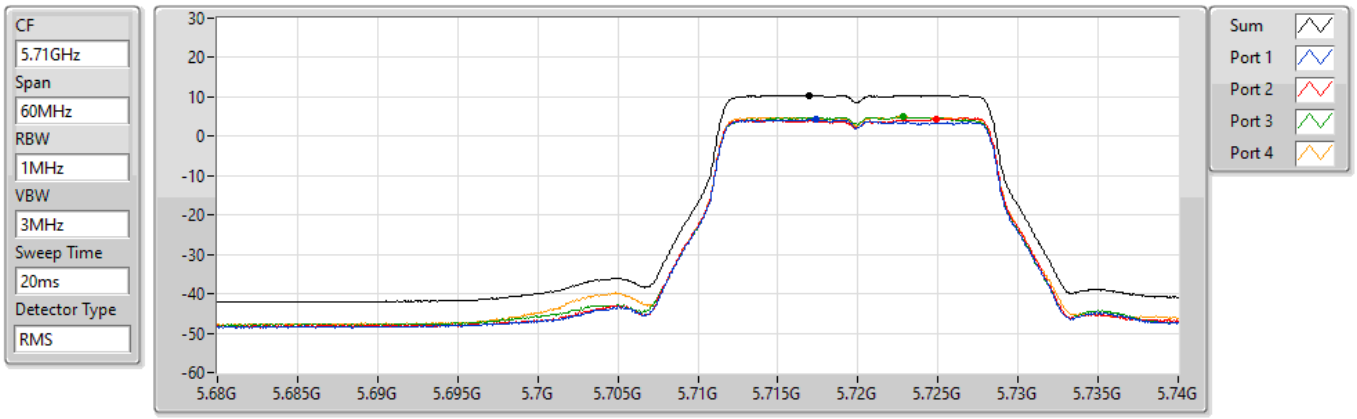
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	4.49	4.99	5.40	5.17

802.11a_Nss1,(6Mbps)_4TX PSD

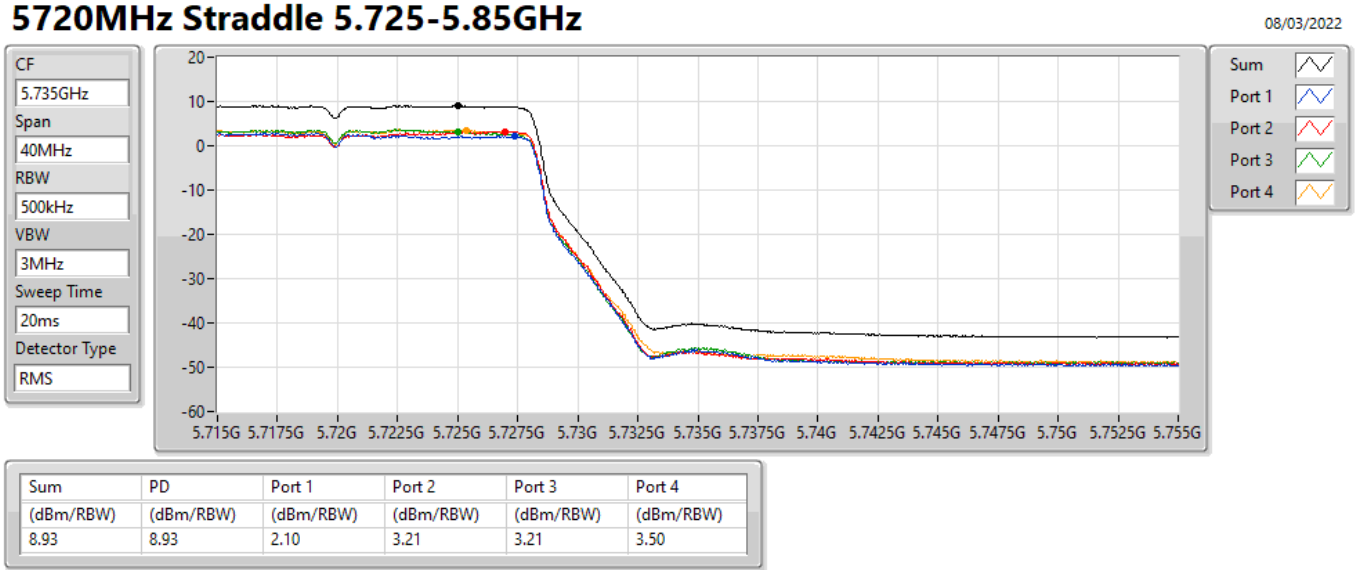
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.41	10.41	4.25	4.38	4.93	5.01

802.11a_Nss1,(6Mbps)_4TX PSD

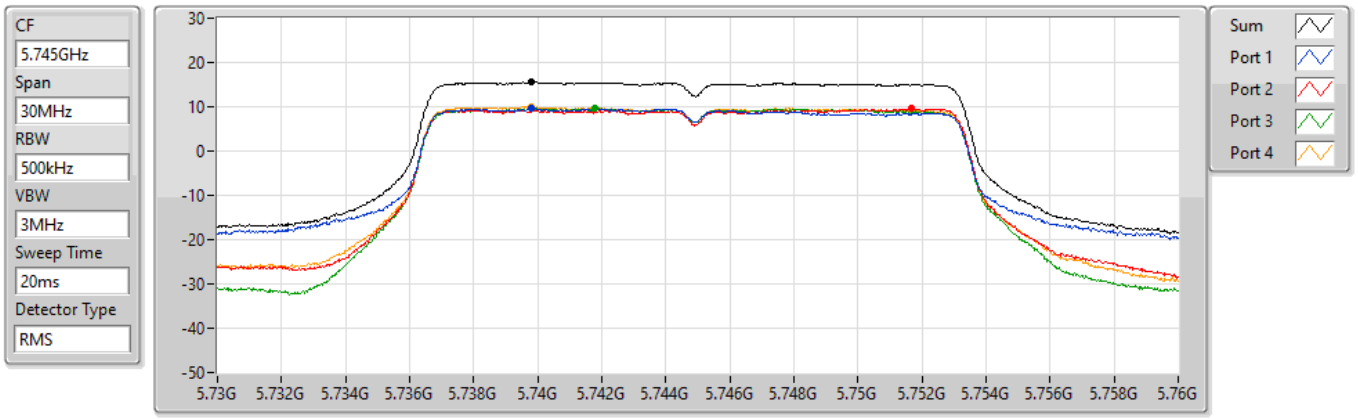
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.93	8.93	2.10	3.21	3.21	3.50

802.11a_Nss1,(6Mbps)_4TX PSD

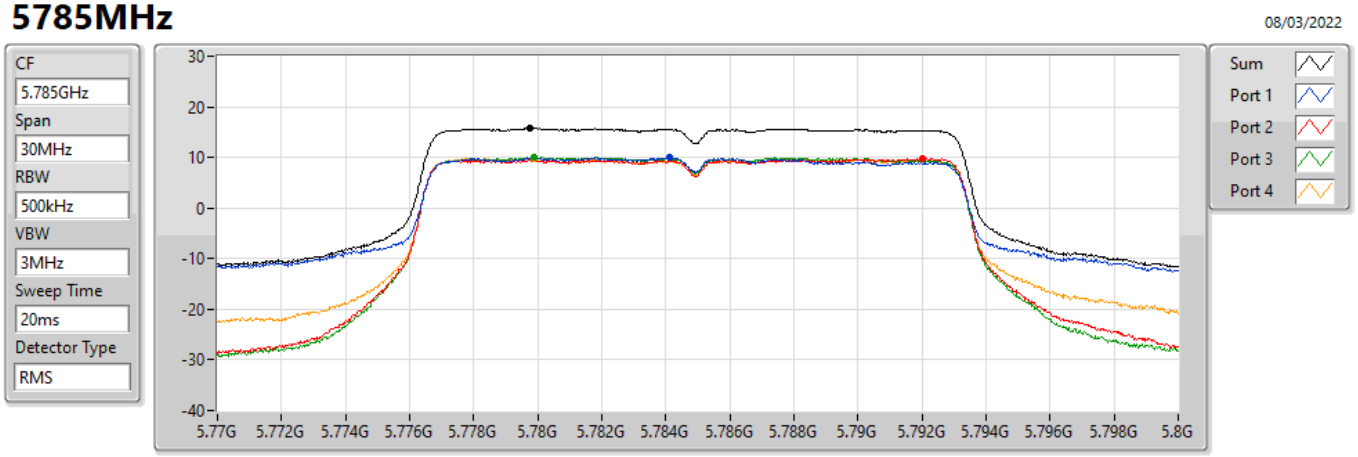
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.54	15.54	9.60	9.54	9.55	10.02

802.11a_Nss1,(6Mbps)_4TX PSD

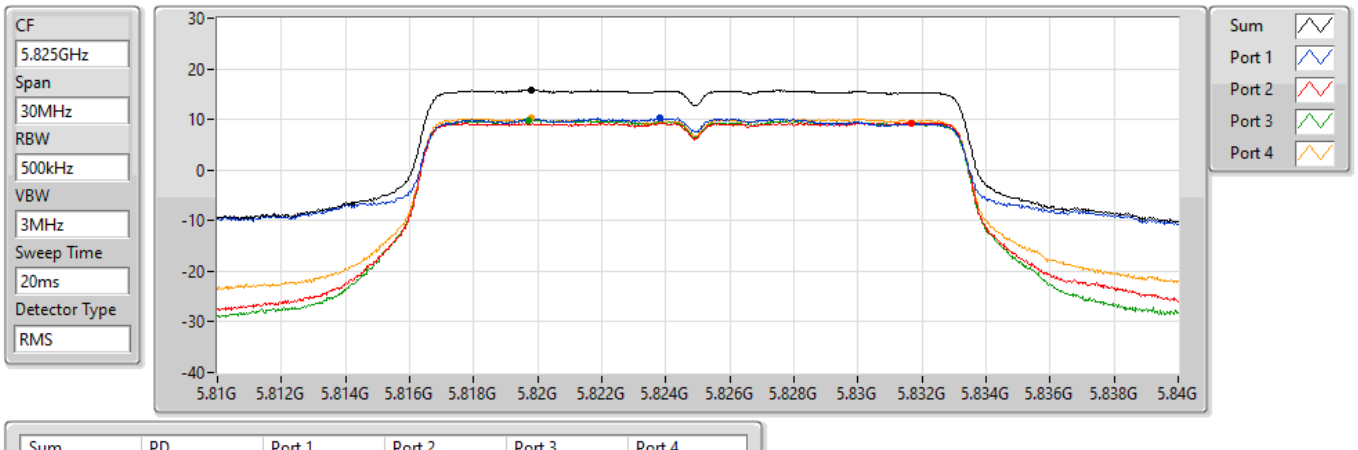
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.74	15.74	10.00	9.73	10.11	9.87

802.11a_Nss1,(6Mbps)_4TX PSD

5825MHz

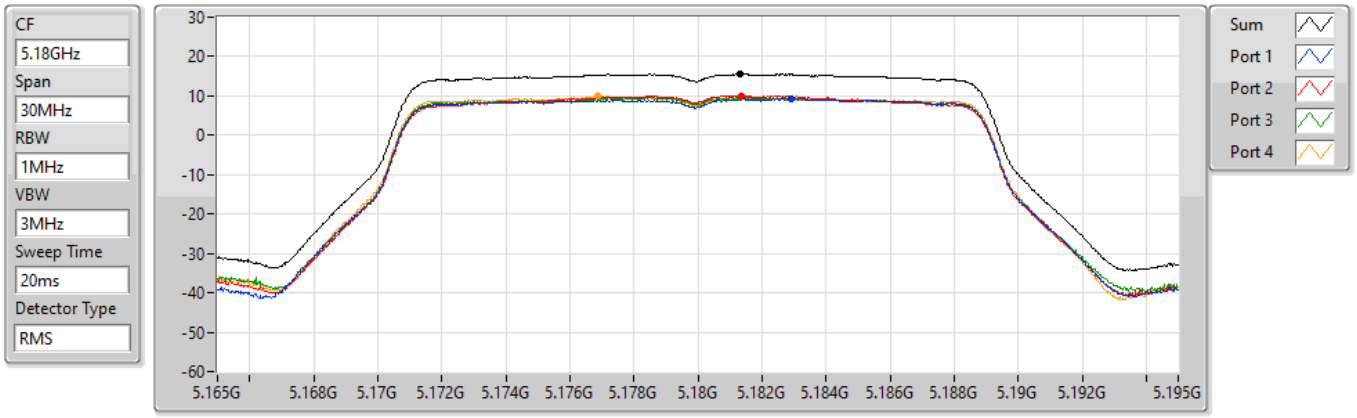


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.75	15.75	10.21	9.34	9.90	10.23

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5180MHz

08/03/2022

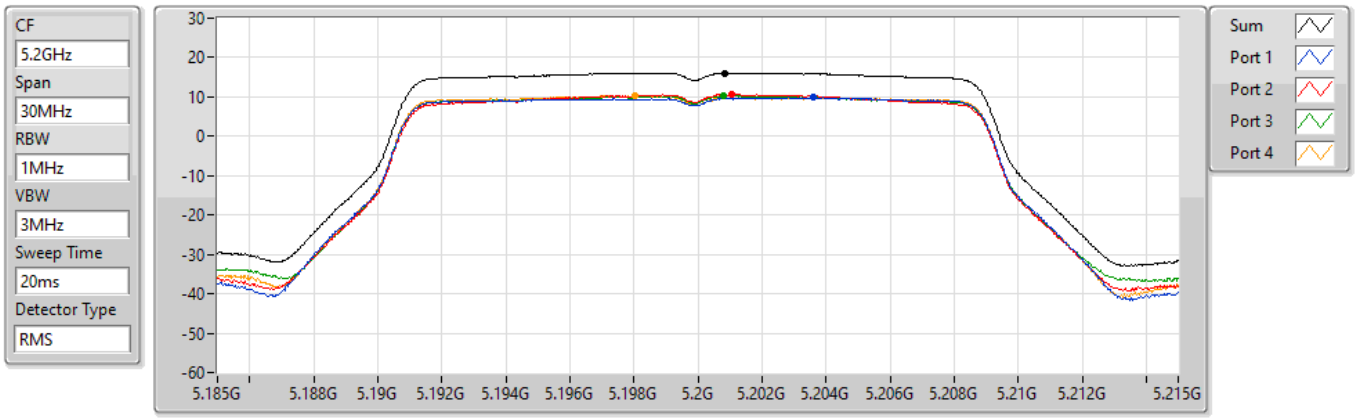


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.58	15.58	9.27	10.08	9.74	9.91

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5200MHz

15/03/2022

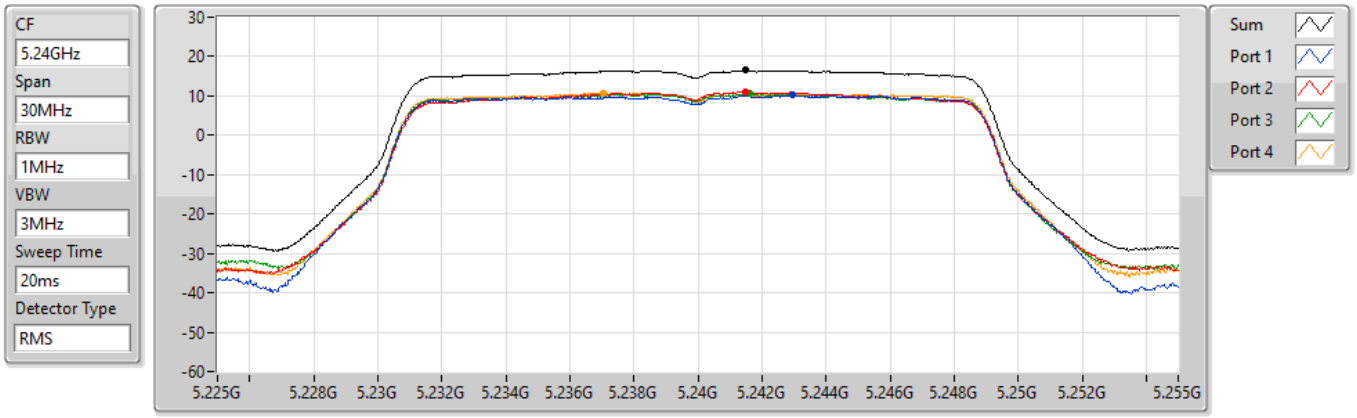


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.09	16.09	9.82	10.68	10.30	10.28

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5240MHz

08/03/2022

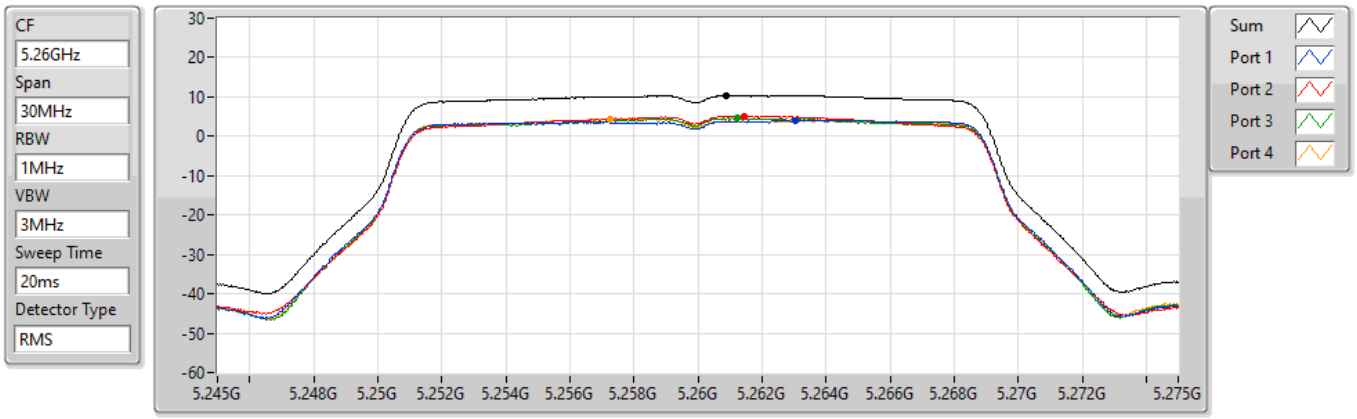


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.48	16.48	10.21	11.03	10.53	10.73

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5260MHz

15/03/2022

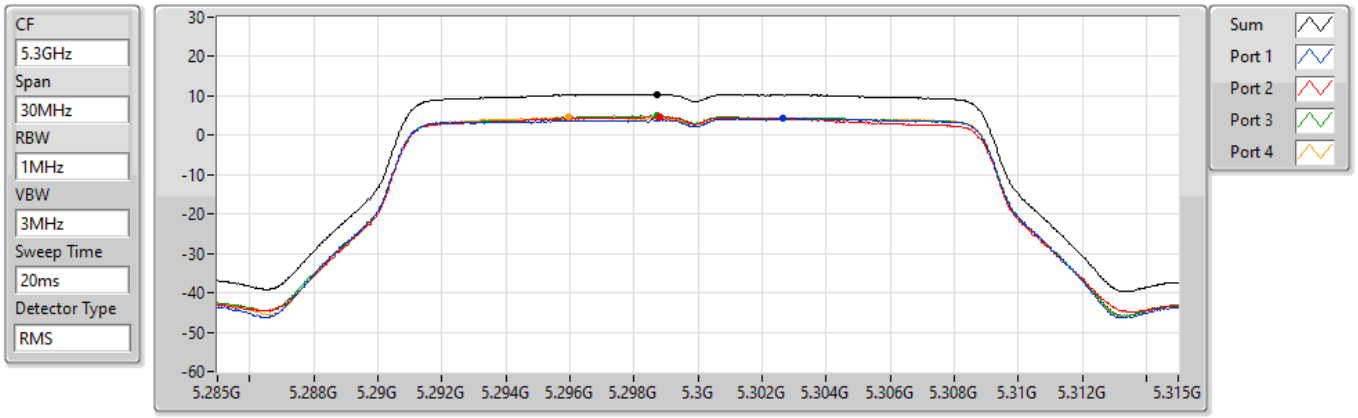


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.37	10.37	4.15	5.16	4.66	4.43

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5300MHz

15/03/2022

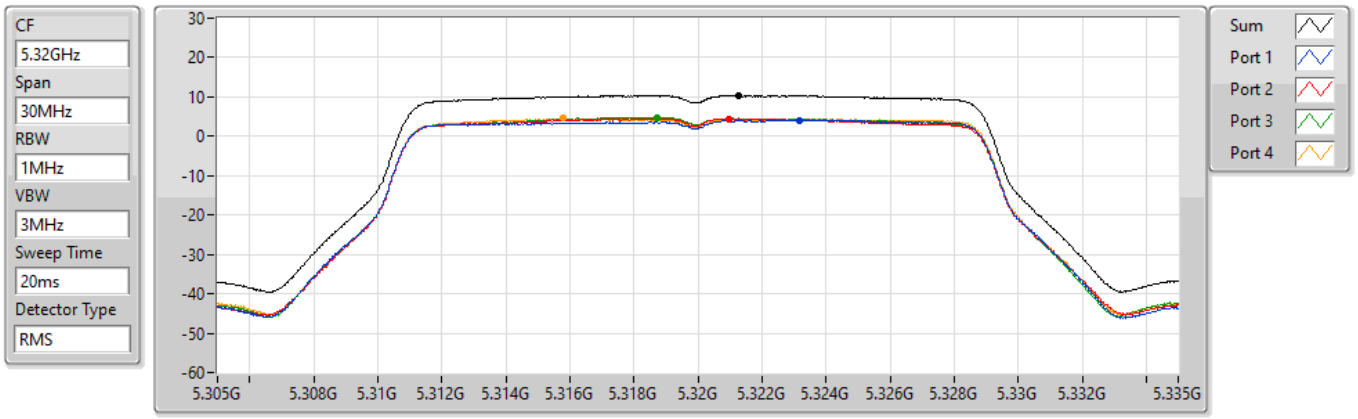


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.39	10.39	4.27	4.72	4.93	4.65

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5320MHz

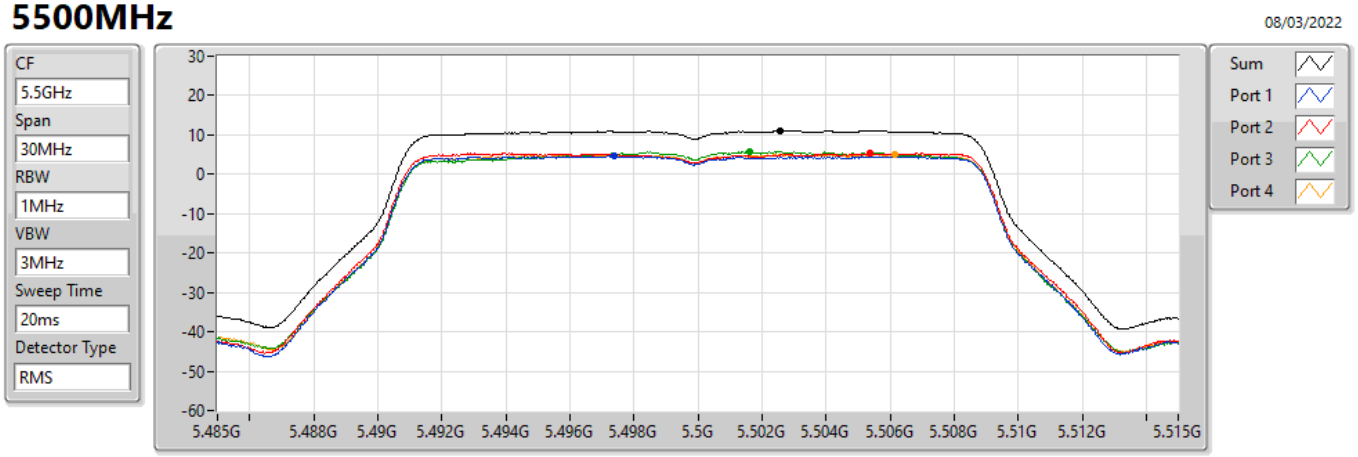
15/03/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.32	10.32	4.15	4.51	4.84	4.54

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.98	10.98	4.60	5.37	5.73	4.97

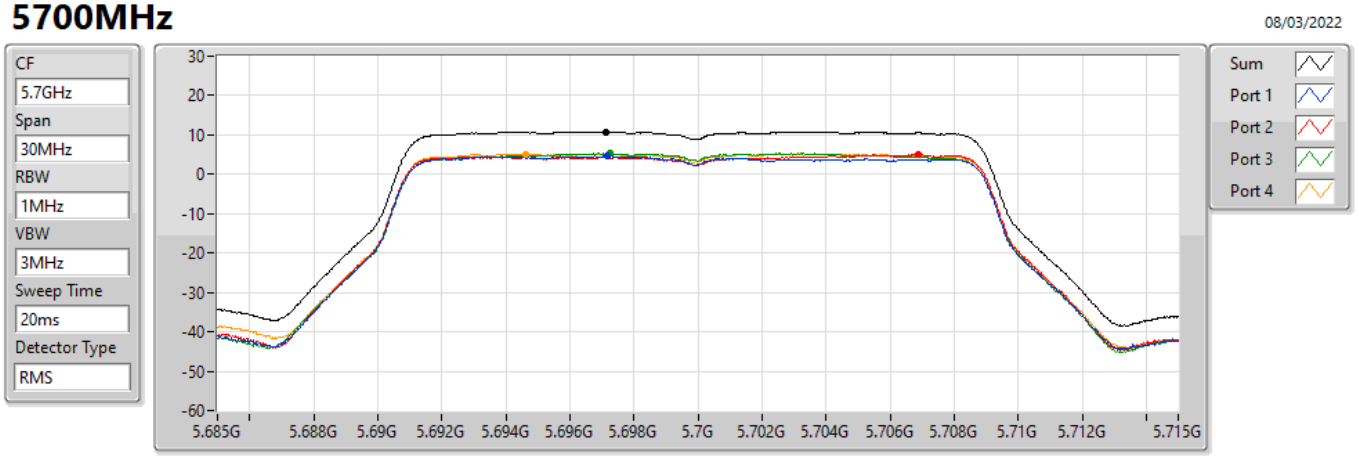
802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5580MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.93	10.93	4.33	5.41	5.42	5.15

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

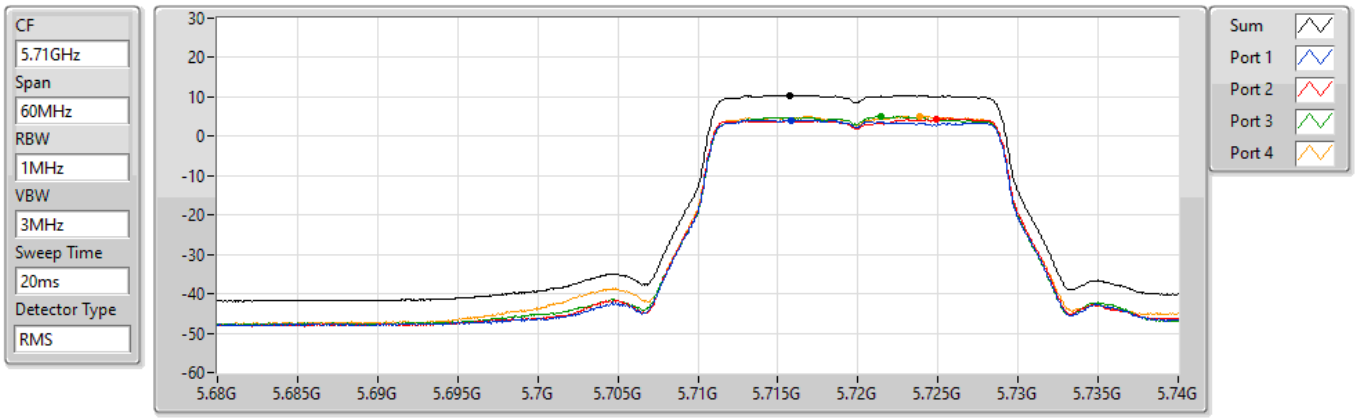
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.81	10.81	4.64	5.00	5.40	5.20

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

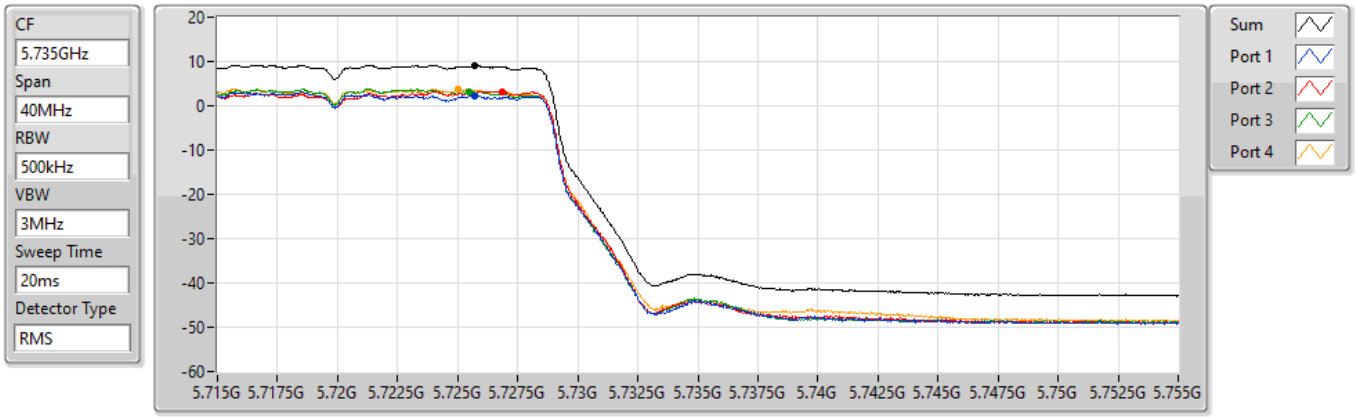


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.47	10.47	4.16	4.31	5.13	5.17

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

08/03/2022

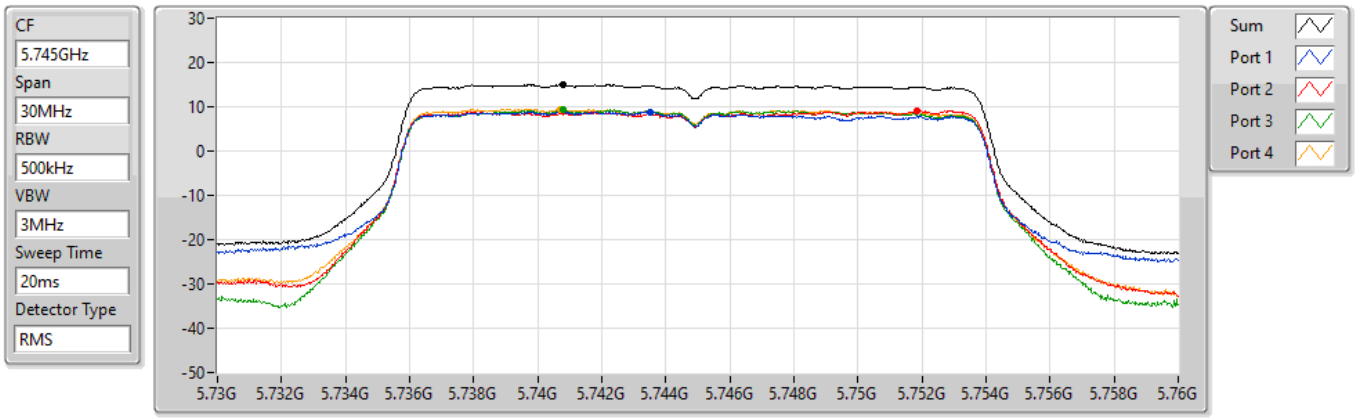


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.99	8.99	2.24	3.20	3.15	3.65

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5745MHz

08/03/2022

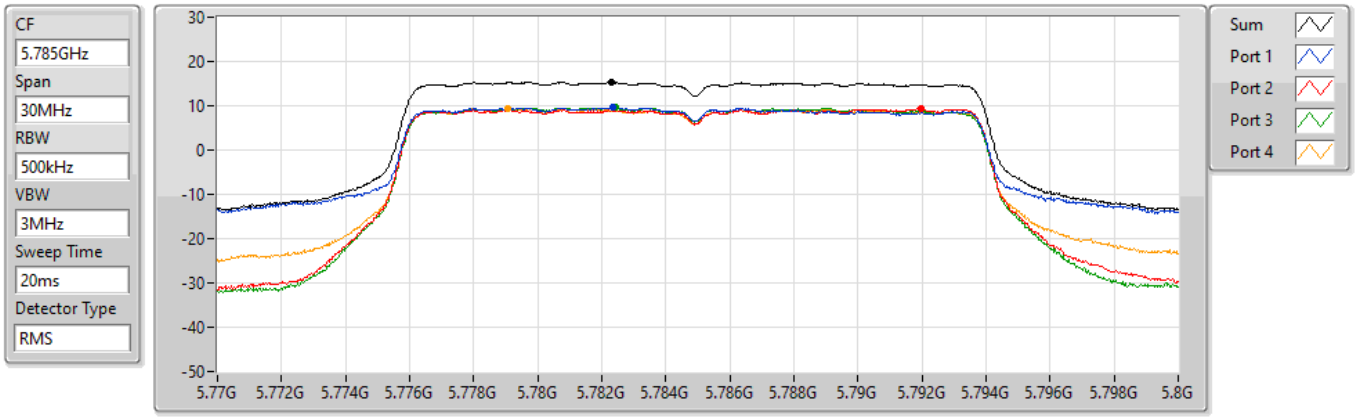


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.99	14.99	8.84	9.08	9.31	9.53

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5785MHz

08/03/2022

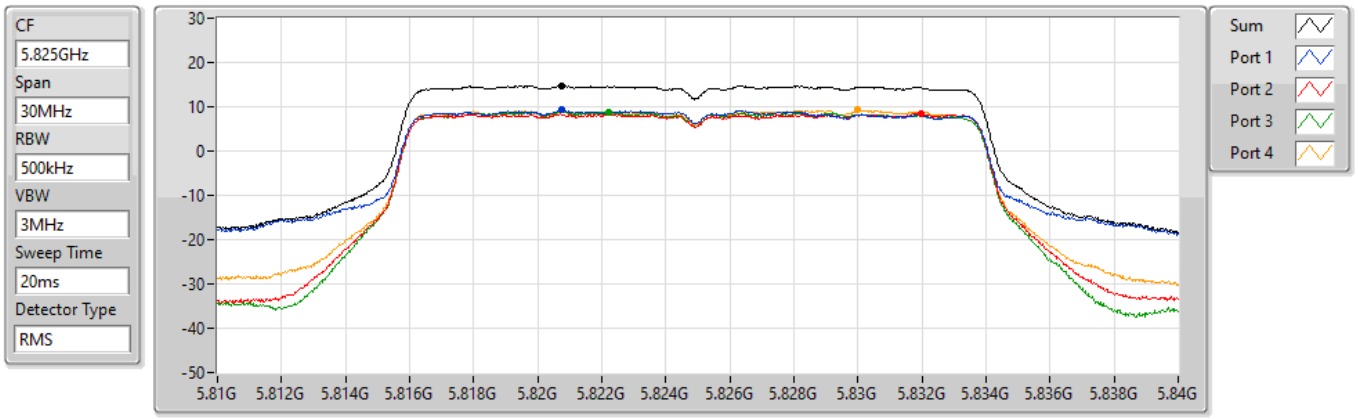


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.27	15.27	9.59	9.33	9.56	9.45

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5825MHz

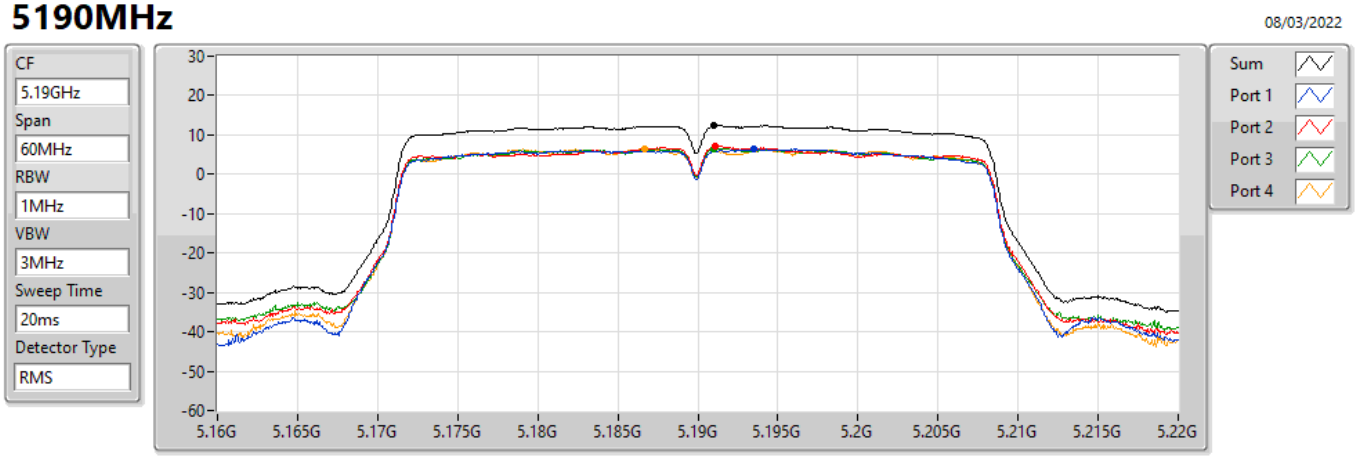
08/03/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.77	14.77	9.25	8.37	8.87	9.26

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

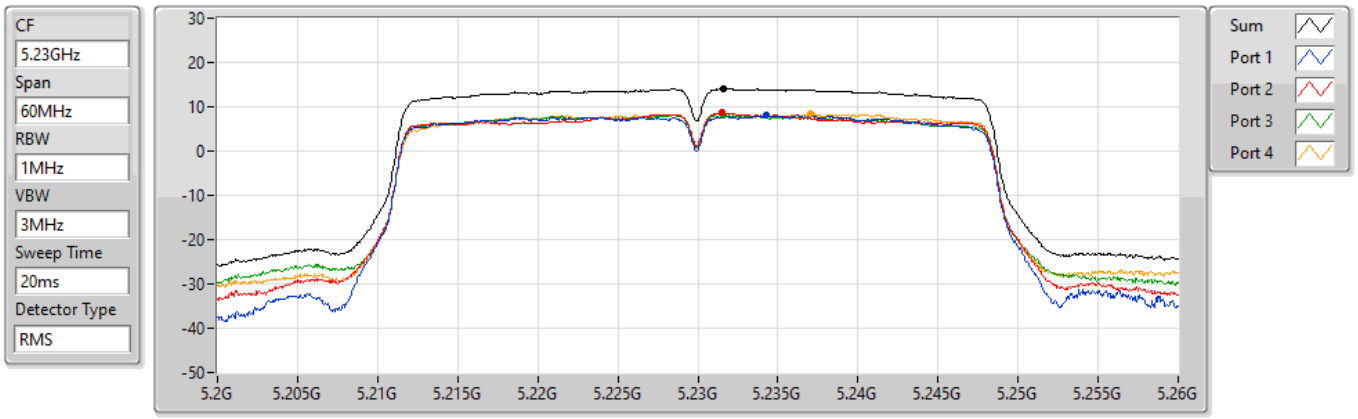
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.39	12.39	6.35	7.15	6.54	6.35

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5230MHz

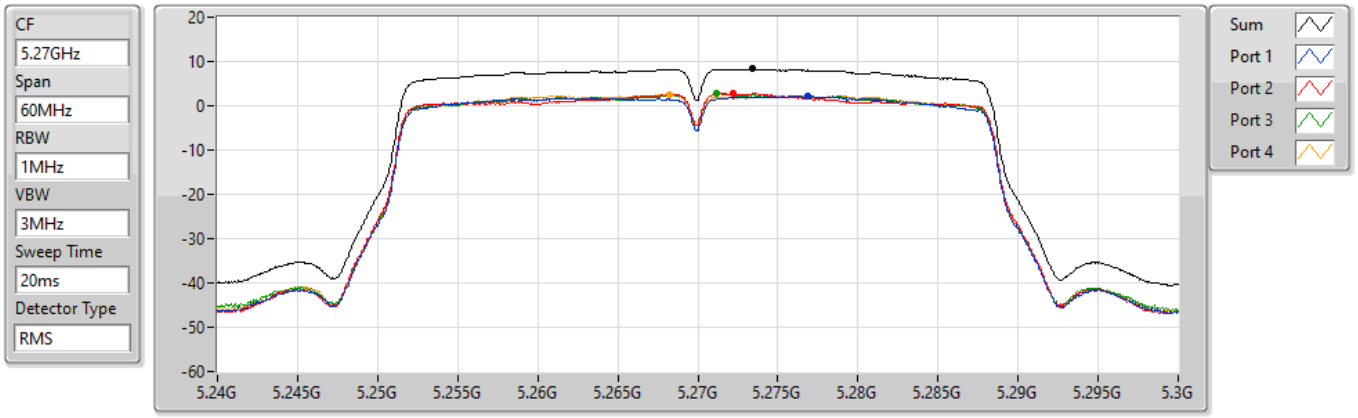


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.05	14.05	8.12	8.66	8.17	8.37

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5270MHz

08/03/2022

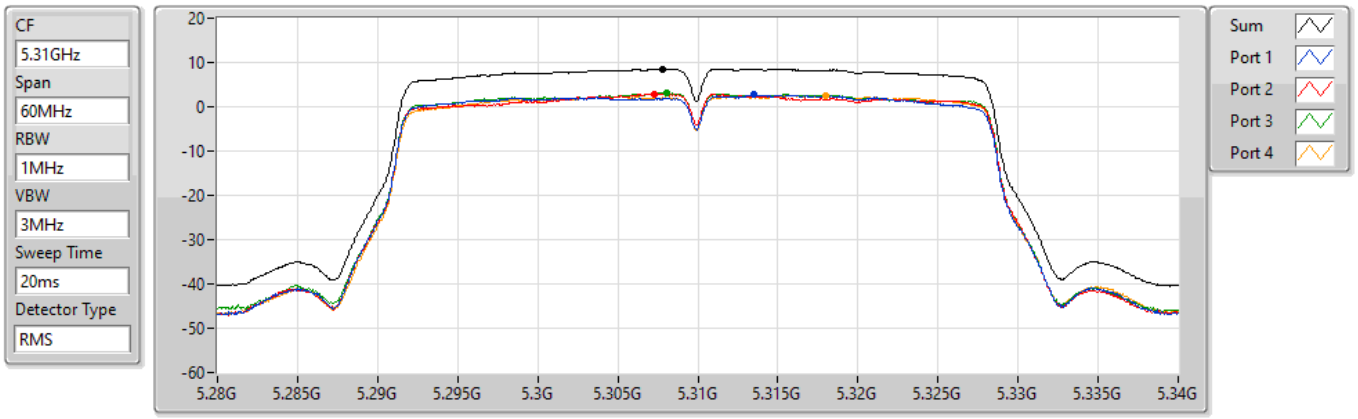


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.29	8.29	2.30	2.78	2.87	2.57

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5310MHz

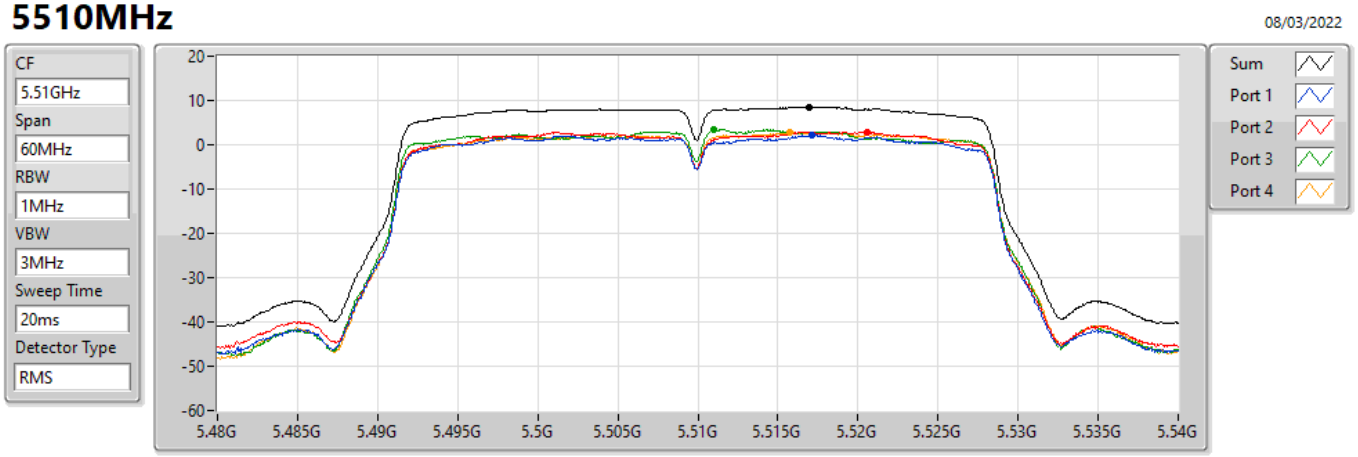
08/03/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.51	8.51	2.67	2.95	3.28	2.63

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

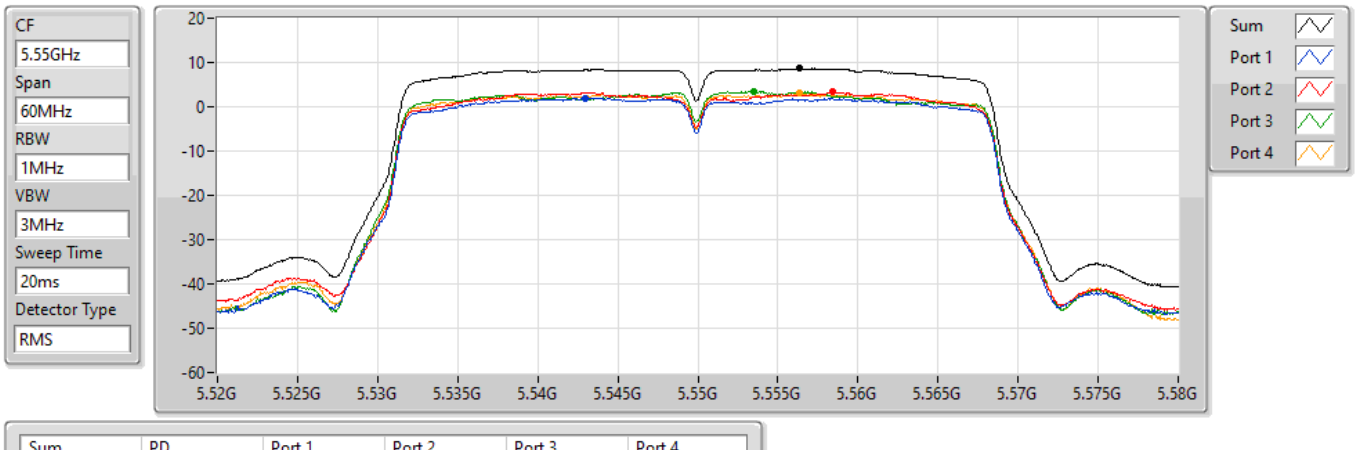
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.55	8.55	2.20	2.84	3.40	2.75

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5550MHz

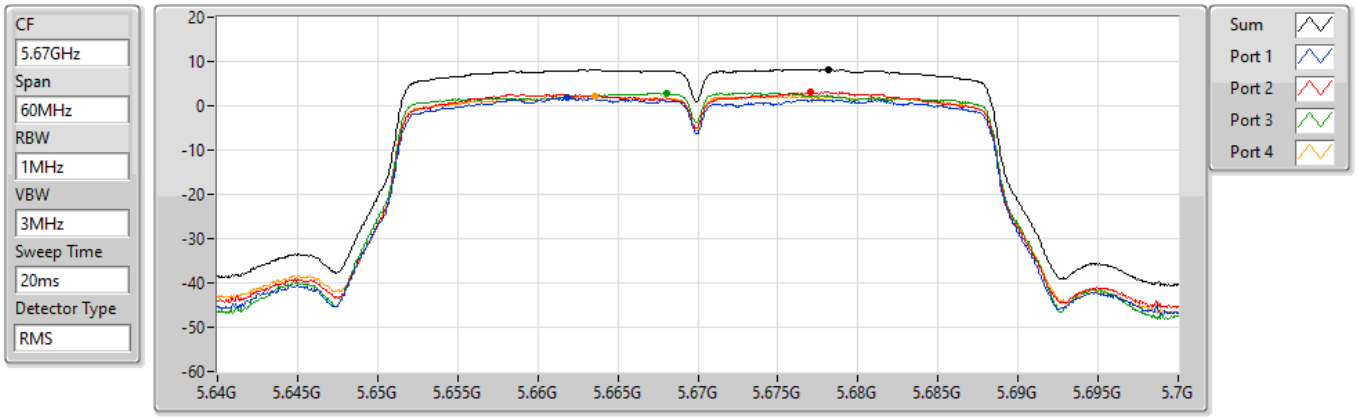


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.66	8.66	2.01	3.30	3.48	3.02

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5670MHz

08/03/2022

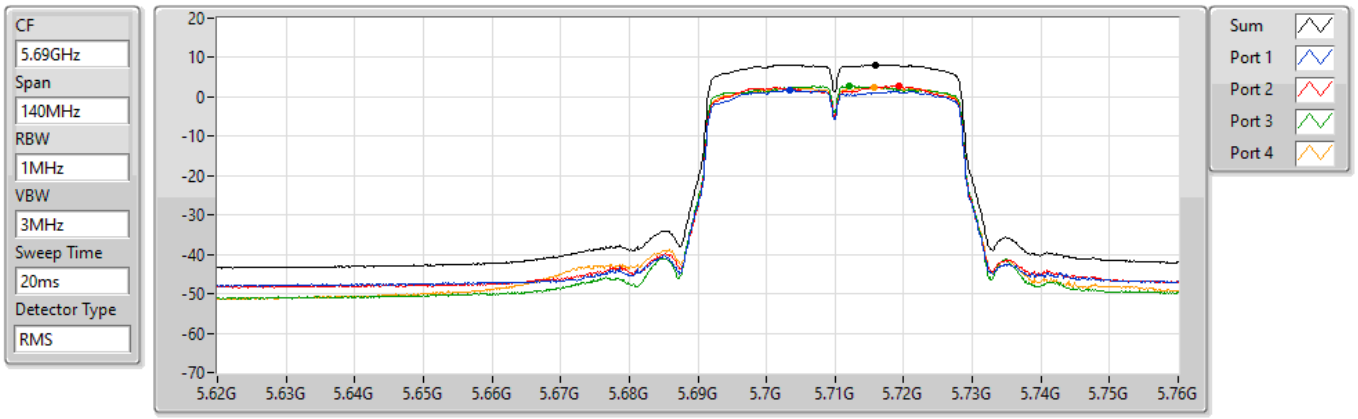


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.19	8.19	1.74	3.05	2.93	2.19

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.47-5.725GHz

08/03/2022



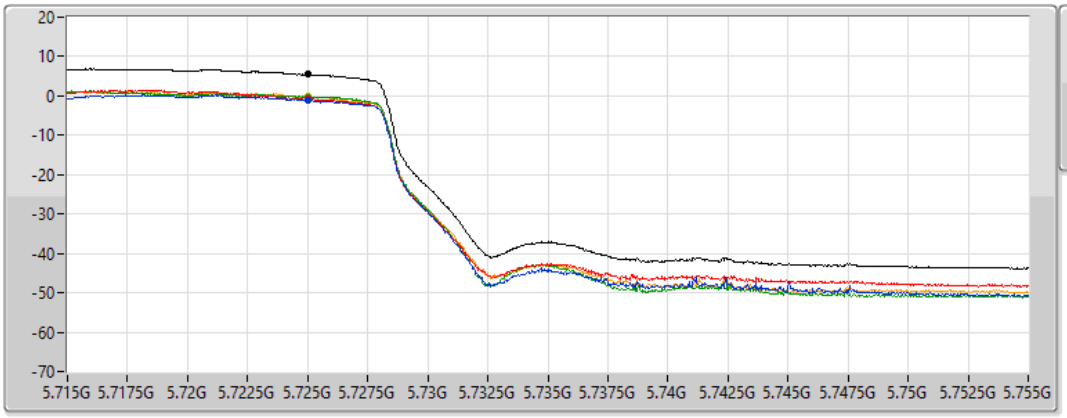
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.22	8.22	1.84	2.77	2.70	2.42

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.725-5.85GHz

08/03/2022

CF	5.735GHz
Span	40MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



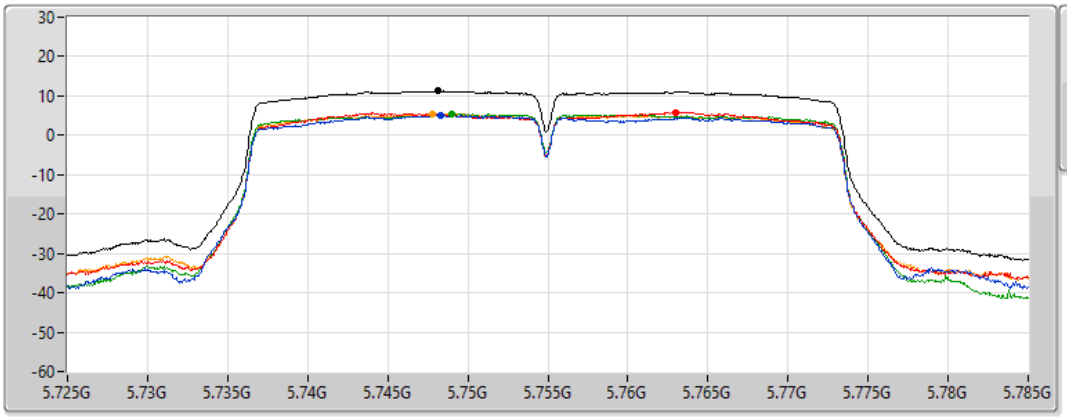
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.53	5.53	-0.92	-0.76	-0.22	-0.13

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5755MHz

08/03/2022

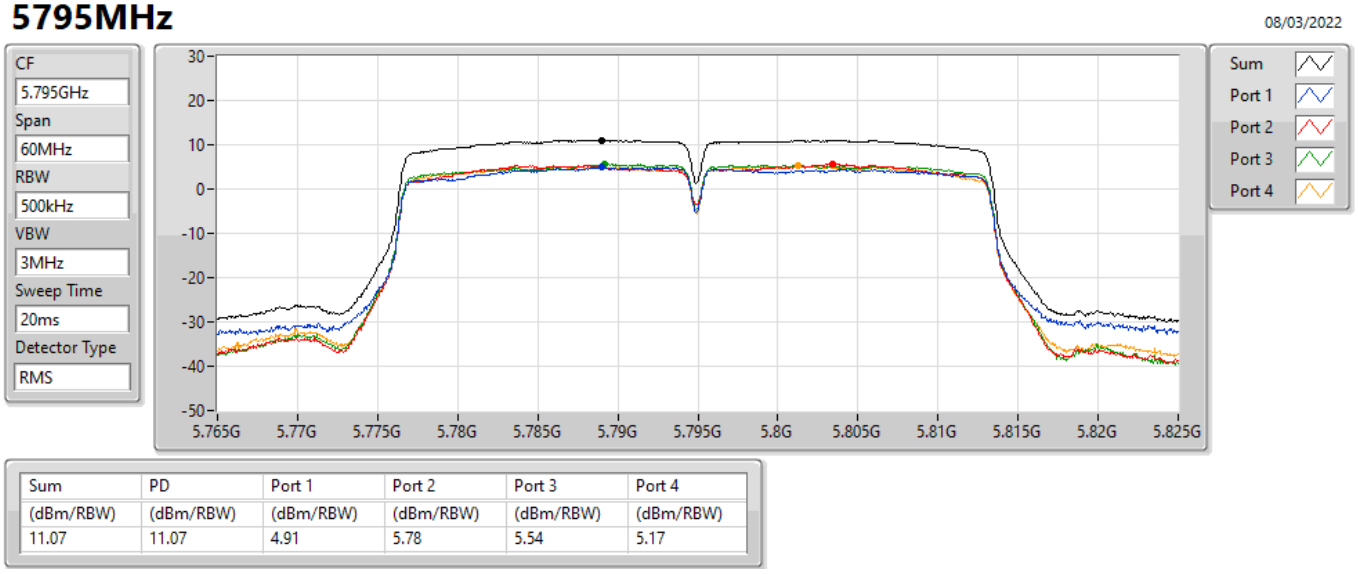
CF	5.755GHz
Span	60MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.23	11.23	5.19	5.84	5.37	5.48

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

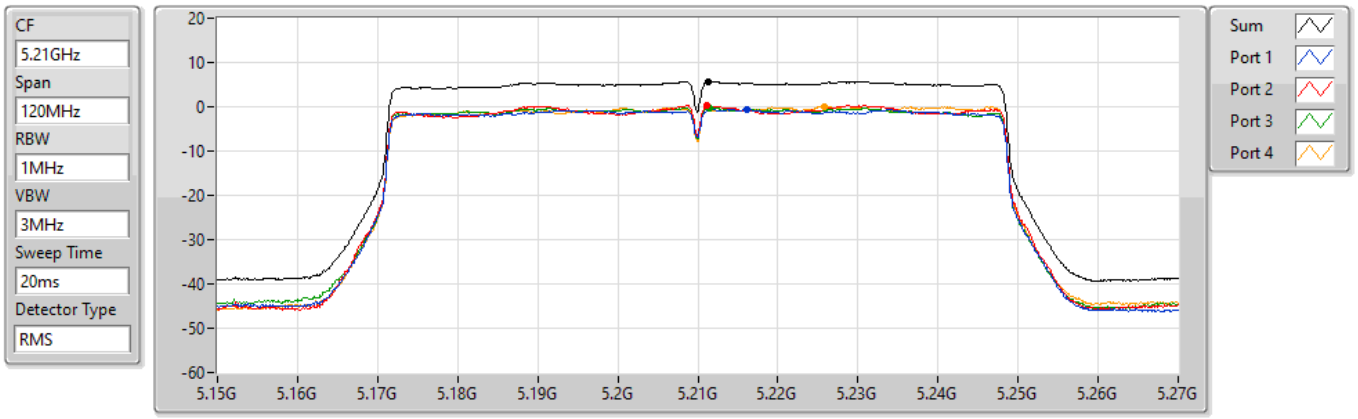
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.07	11.07	4.91	5.78	5.54	5.17

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

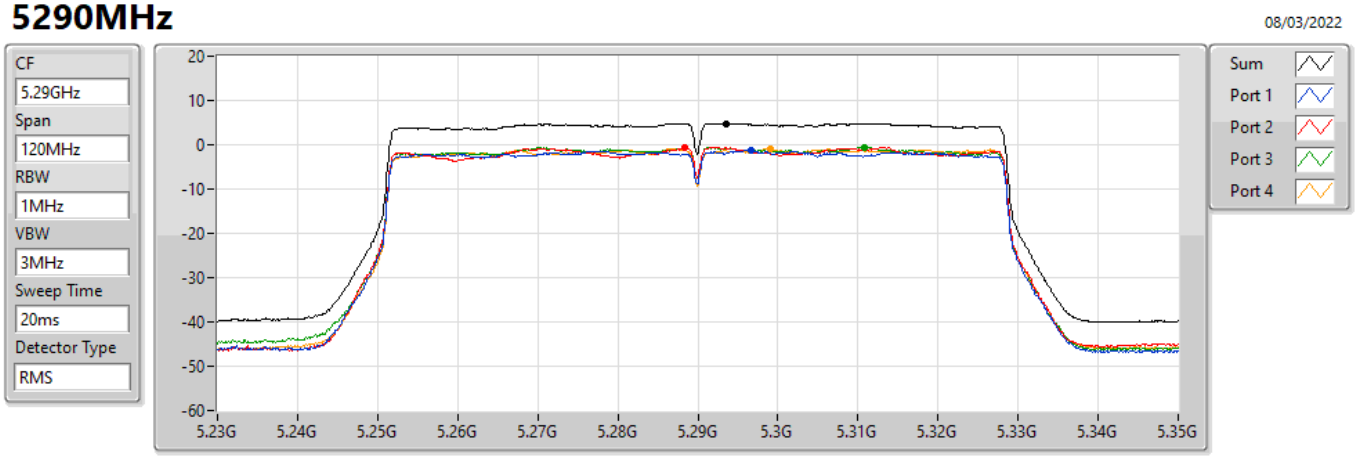
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.63	5.63	-0.51	0.33	-0.25	0.05

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

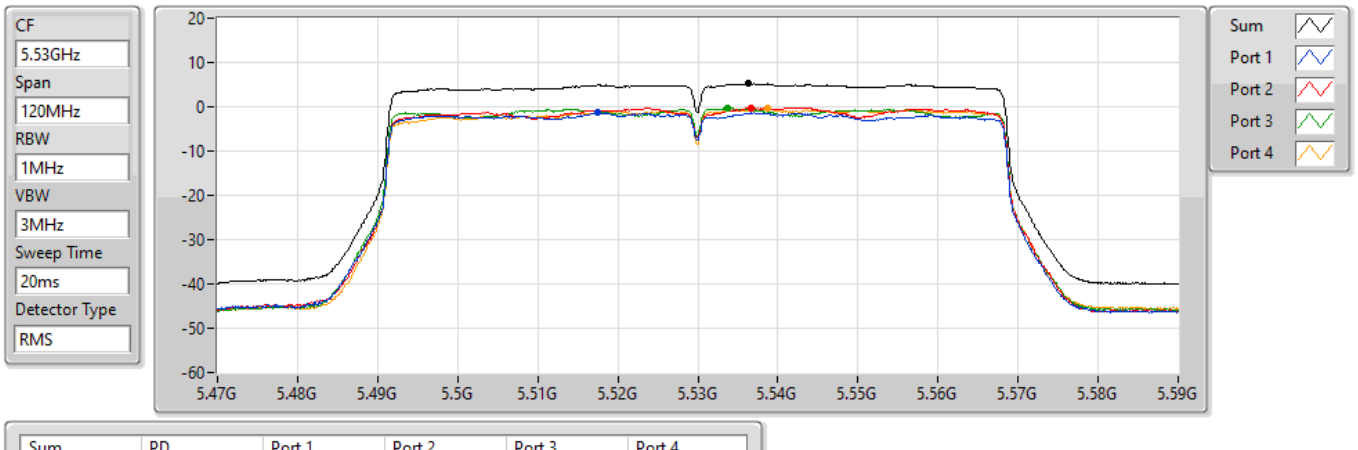
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.84	4.84	-1.17	-0.55	-0.54	-0.90

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

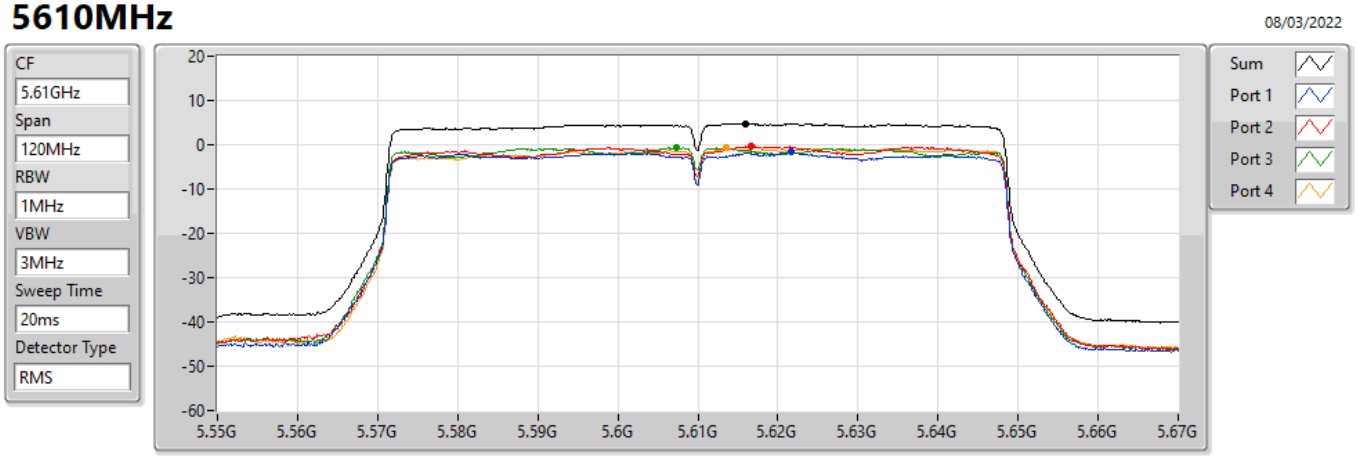
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.23	5.23	-1.27	-0.25	-0.23	-0.37

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

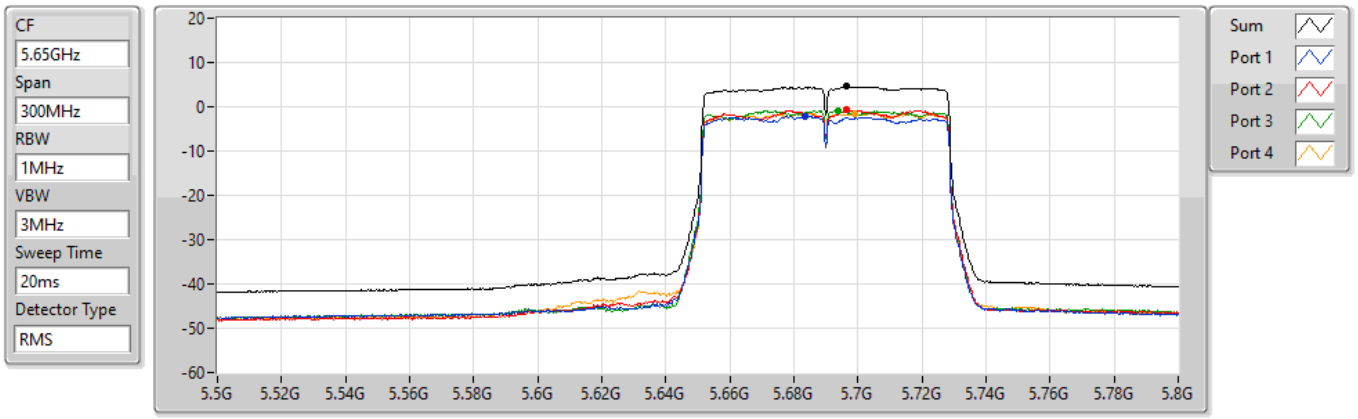
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.79	4.79	-1.66	-0.39	-0.69	-0.77

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

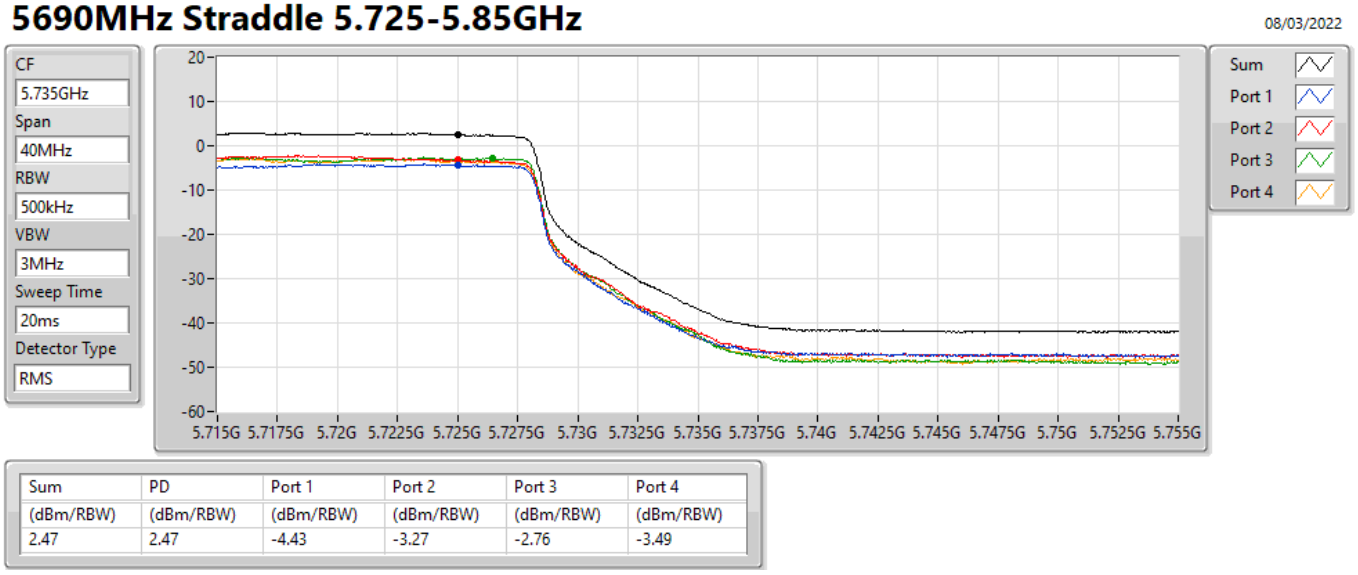
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.54	4.54	-2.18	-0.64	-0.98	-1.45

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

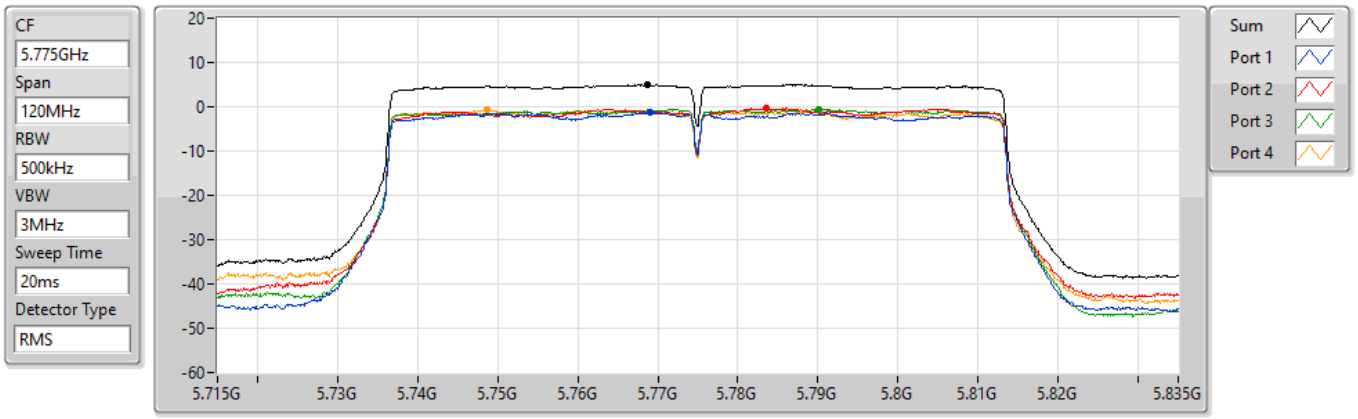
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.47	2.47	-4.43	-3.27	-2.76	-3.49

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.05	5.05	-1.20	-0.31	-0.58	-0.60

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	16.53
802.11ac VHT20_Nss1,(MCS0)_4TX	16.33
802.11ac VHT40_Nss1,(MCS0)_4TX	14.06
802.11ac VHT80_Nss1,(MCS0)_4TX	4.22
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.33
802.11ac VHT20_Nss1,(MCS0)_4TX	10.37
802.11ac VHT40_Nss1,(MCS0)_4TX	9.22
802.11ac VHT80_Nss1,(MCS0)_4TX	3.20
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.95
802.11ac VHT20_Nss1,(MCS0)_4TX	10.88
802.11ac VHT40_Nss1,(MCS0)_4TX	9.33
802.11ac VHT80_Nss1,(MCS0)_4TX	5.88
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	14.20
802.11ac VHT20_Nss1,(MCS0)_4TX	15.06
802.11ac VHT40_Nss1,(MCS0)_4TX	12.82
802.11ac VHT80_Nss1,(MCS0)_4TX	5.17

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

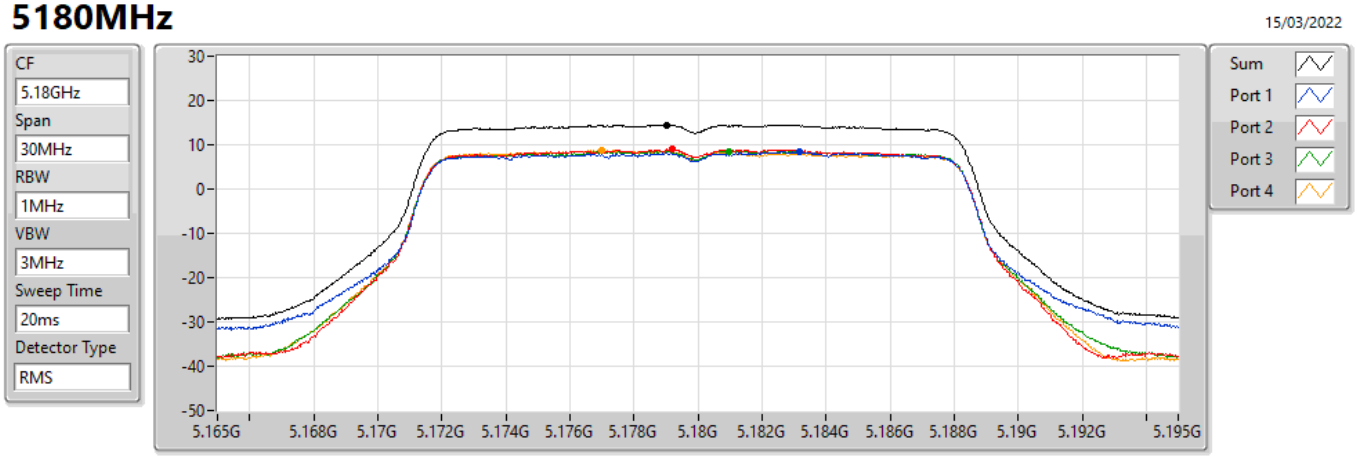
Result

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	6.43	8.38	8.91	8.58	8.72	14.45	16.57
5200MHz	Pass	6.43	10.17	10.93	10.61	10.63	16.37	16.57
5240MHz	Pass	6.43	10.35	11.08	10.69	10.65	16.53	16.57
5260MHz	Pass	6.54	4.03	4.54	4.11	4.07	10.01	10.46
5300MHz	Pass	6.54	4.16	4.79	4.67	4.11	10.29	10.46
5320MHz	Pass	6.54	4.41	4.81	4.80	4.33	10.33	10.46
5500MHz	Pass	5.68	4.60	4.79	5.27	4.82	10.75	11.00
5580MHz	Pass	5.68	4.33	4.56	4.68	4.84	10.58	11.00
5700MHz	Pass	5.68	5.07	5.34	5.17	5.02	10.95	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.68	4.89	4.88	4.76	4.78	10.62	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.98	3.07	3.59	3.16	3.12	9.17	30.00
5745MHz	Pass	5.98	6.60	6.81	6.53	6.57	12.43	30.00
5785MHz	Pass	5.98	8.07	8.50	8.39	8.39	14.20	30.00
5825MHz	Pass	5.98	7.55	7.91	7.54	7.61	13.50	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.43	8.61	9.15	8.91	8.98	14.74	16.57
5200MHz	Pass	6.43	9.93	10.77	10.37	10.36	16.22	16.57
5240MHz	Pass	6.43	10.22	10.83	10.48	10.59	16.33	16.57
5260MHz	Pass	6.54	4.31	5.00	4.50	4.55	10.37	10.46
5300MHz	Pass	6.54	3.89	4.54	4.53	4.03	10.05	10.46
5320MHz	Pass	6.54	4.10	4.57	4.74	4.20	10.18	10.46
5500MHz	Pass	5.68	4.44	4.62	5.07	4.77	10.58	11.00
5580MHz	Pass	5.68	4.63	4.90	5.00	5.11	10.88	11.00
5700MHz	Pass	5.68	4.74	5.02	4.96	4.88	10.75	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.68	4.54	4.65	4.53	4.56	10.41	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.98	2.67	3.29	2.90	2.89	8.90	30.00
5745MHz	Pass	5.98	6.35	6.63	6.35	6.38	12.23	30.00
5785MHz	Pass	5.98	8.32	9.30	9.13	8.80	14.81	30.00
5825MHz	Pass	5.98	8.52	9.71	9.17	9.10	15.06	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.43	4.58	4.76	4.42	4.41	10.43	16.57
5230MHz	Pass	6.43	8.05	8.45	8.35	8.12	14.06	16.57
5270MHz	Pass	6.54	3.42	3.72	3.54	3.05	9.22	10.46
5310MHz	Pass	6.54	3.17	3.40	3.63	2.80	9.02	10.46
5510MHz	Pass	5.68	3.18	3.40	3.72	3.26	9.24	11.00
5550MHz	Pass	5.68	2.76	3.24	3.22	2.95	8.89	11.00
5670MHz	Pass	5.68	3.12	4.09	3.37	2.95	9.33	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.68	2.41	3.01	2.51	2.34	8.54	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.98	-0.04	-0.43	-0.70	-0.85	5.45	30.00
5755MHz	Pass	5.98	5.49	6.57	5.81	5.22	11.73	30.00
5795MHz	Pass	5.98	6.19	7.64	7.29	6.49	12.82	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.43	-1.37	-1.36	-1.53	-1.72	4.22	16.57
5290MHz	Pass	6.54	-2.82	-2.46	-2.53	-2.67	3.20	10.46
5530MHz	Pass	5.68	-1.52	-1.26	-1.17	-1.20	4.47	11.00
5610MHz	Pass	5.68	-0.06	0.47	-0.06	-0.17	5.88	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.68	-1.18	-0.44	-1.16	-1.49	4.78	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.98	-2.72	-2.58	-3.26	-3.39	2.97	30.00
5775MHz	Pass	5.98	-0.51	0.05	-0.54	-1.00	5.17	30.00

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

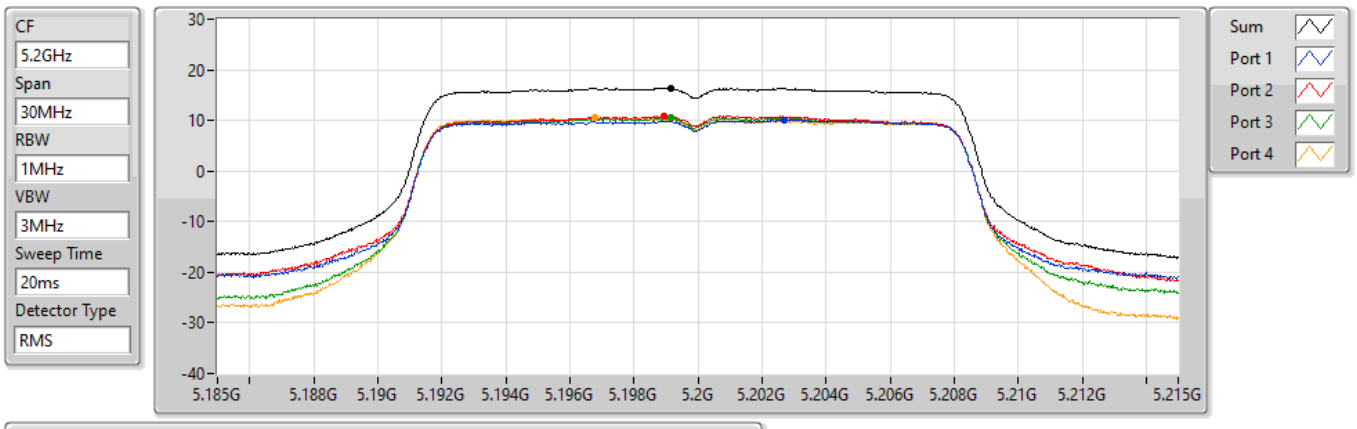
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.45	14.45	8.38	8.91	8.58	8.72

802.11a_Nss1,(6Mbps)_4TX PSD

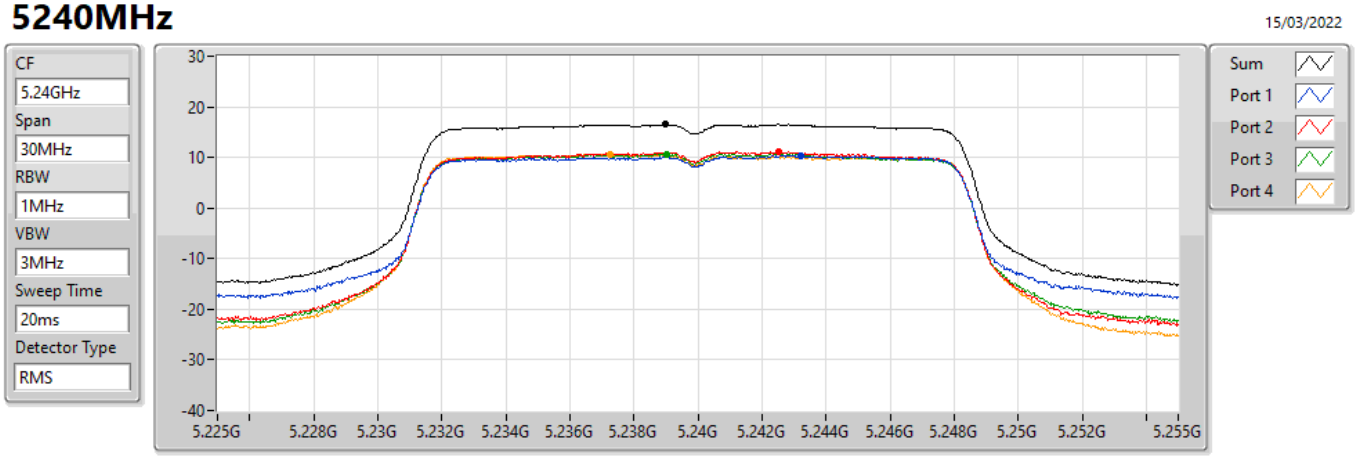
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.37	16.37	10.17	10.93	10.61	10.63

802.11a_Nss1,(6Mbps)_4TX PSD

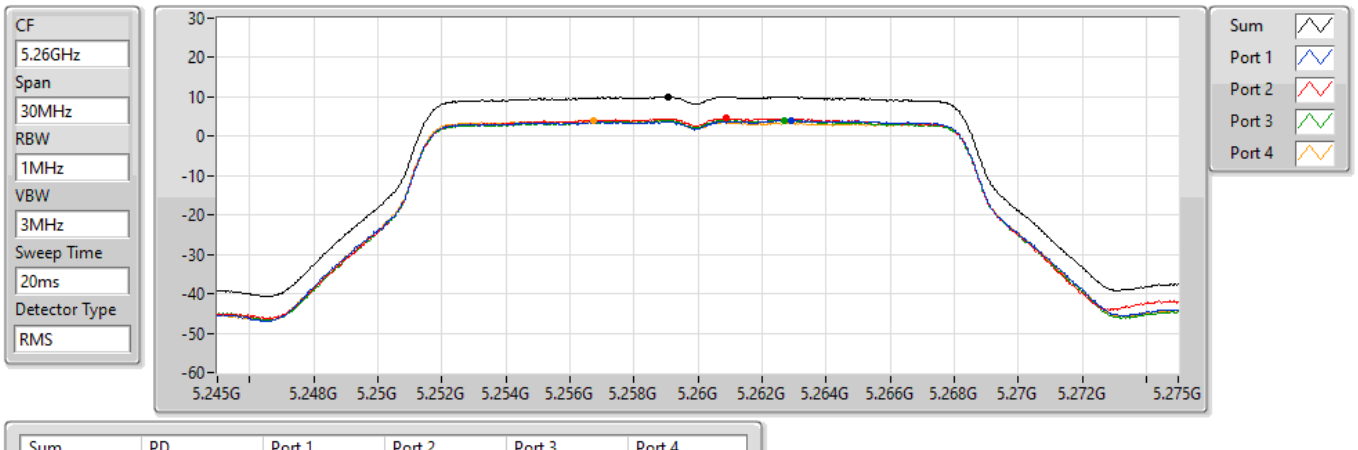
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.53	16.53	10.35	11.08	10.69	10.65

802.11a_Nss1,(6Mbps)_4TX PSD

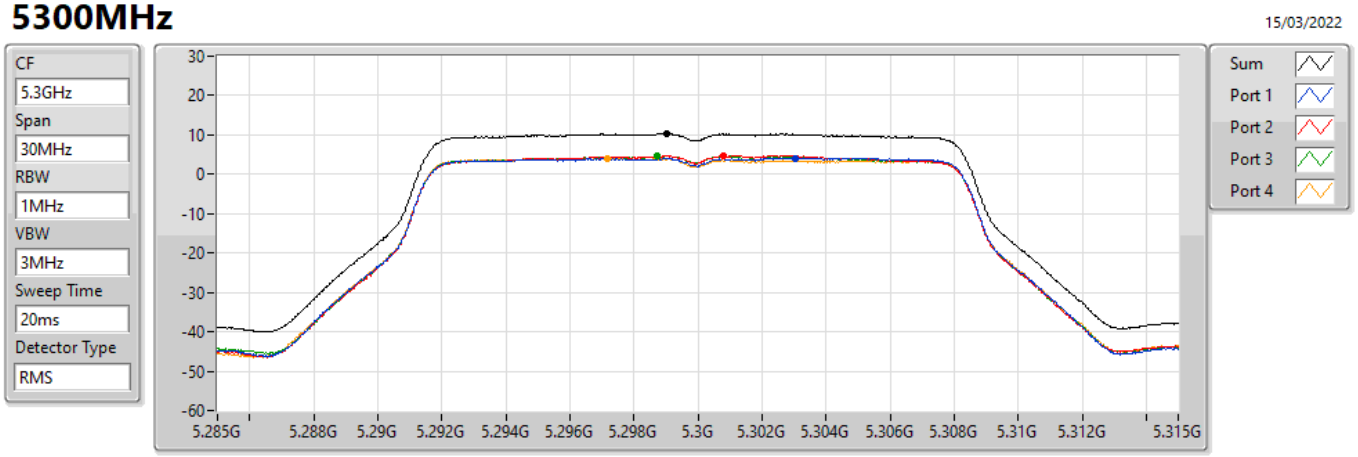
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.01	10.01	4.03	4.54	4.11	4.07

802.11a_Nss1,(6Mbps)_4TX PSD

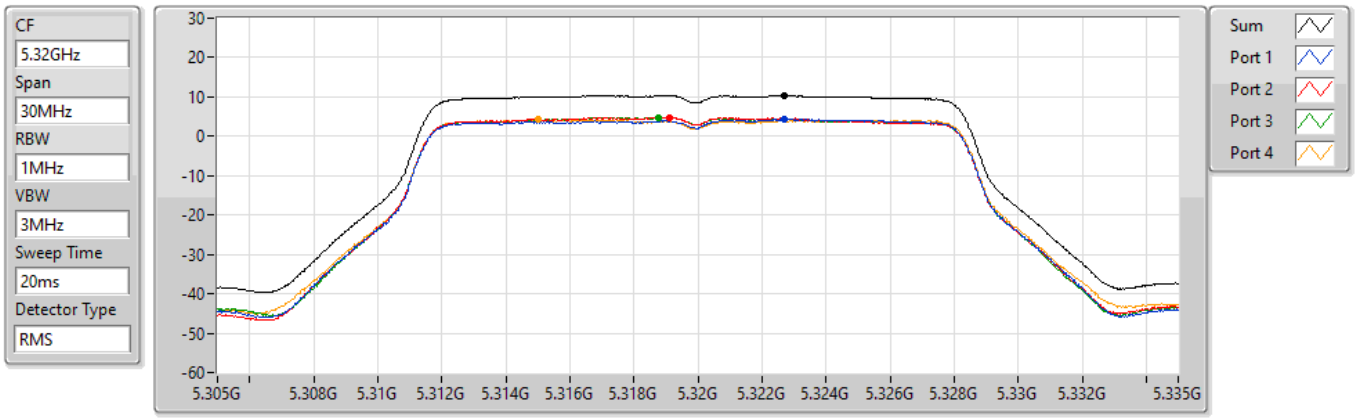
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.29	10.29	4.16	4.79	4.67	4.11

802.11a_Nss1,(6Mbps)_4TX PSD

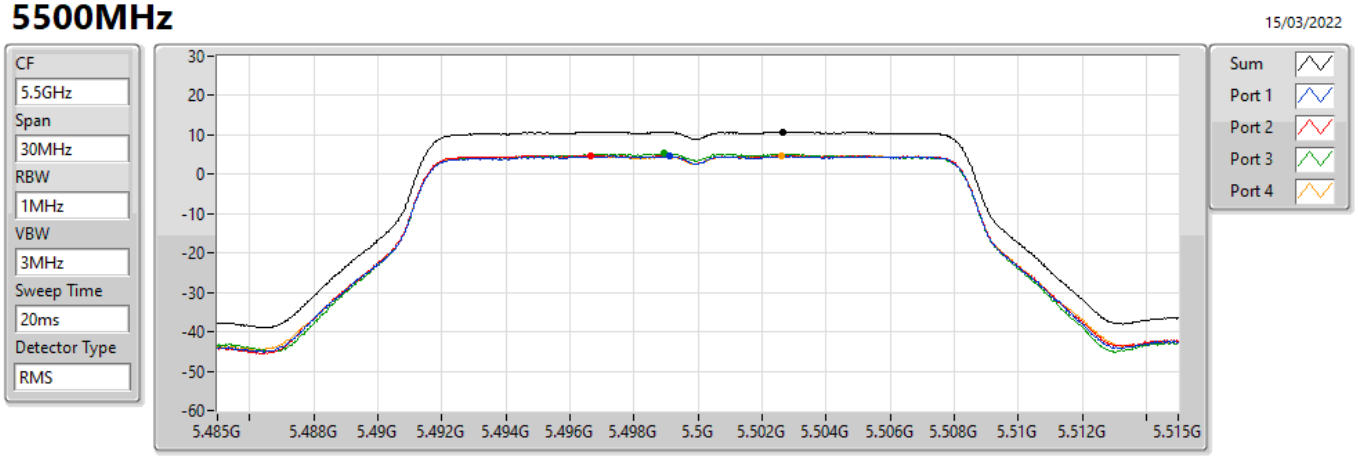
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.33	10.33	4.41	4.81	4.80	4.33

802.11a_Nss1,(6Mbps)_4TX PSD

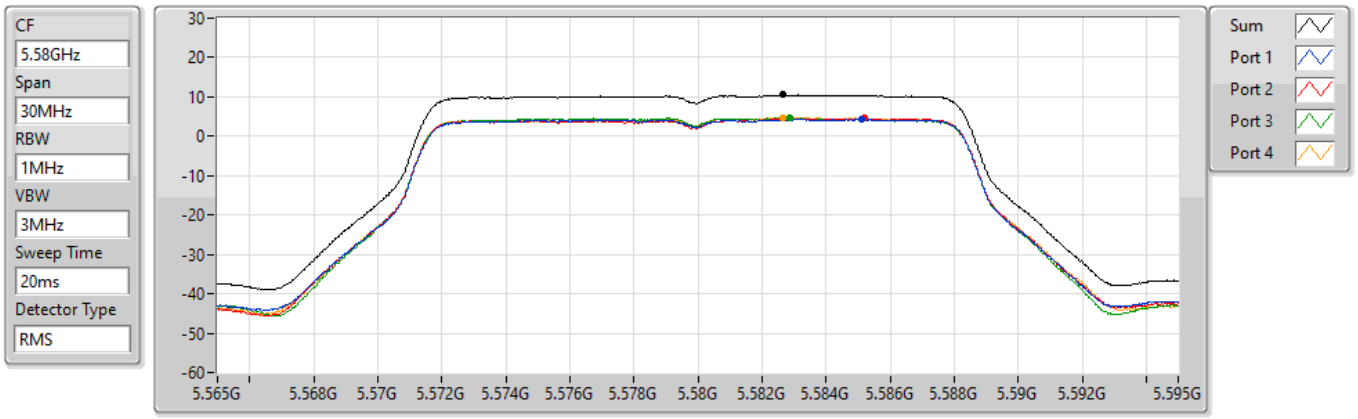
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	4.60	4.79	5.27	4.82

802.11a_Nss1,(6Mbps)_4TX PSD

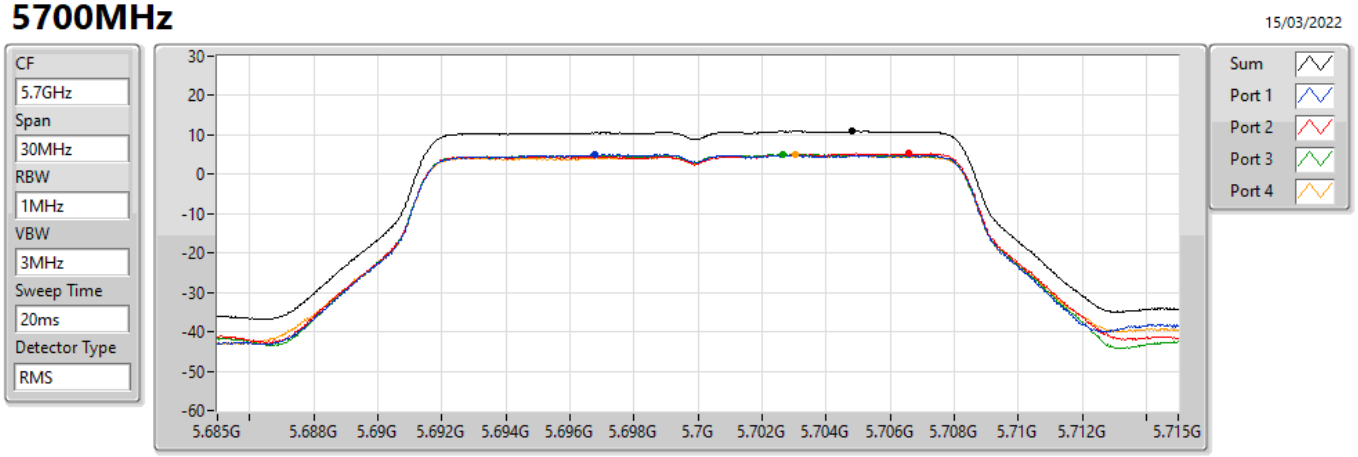
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.58	10.58	4.33	4.56	4.68	4.84

802.11a_Nss1,(6Mbps)_4TX PSD

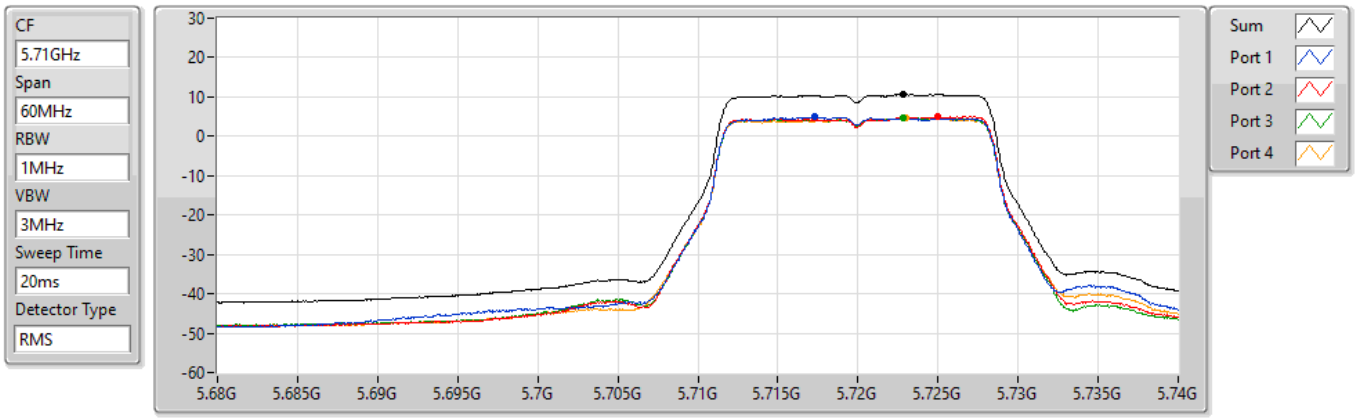
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.95	10.95	5.07	5.34	5.17	5.02

802.11a_Nss1,(6Mbps)_4TX PSD

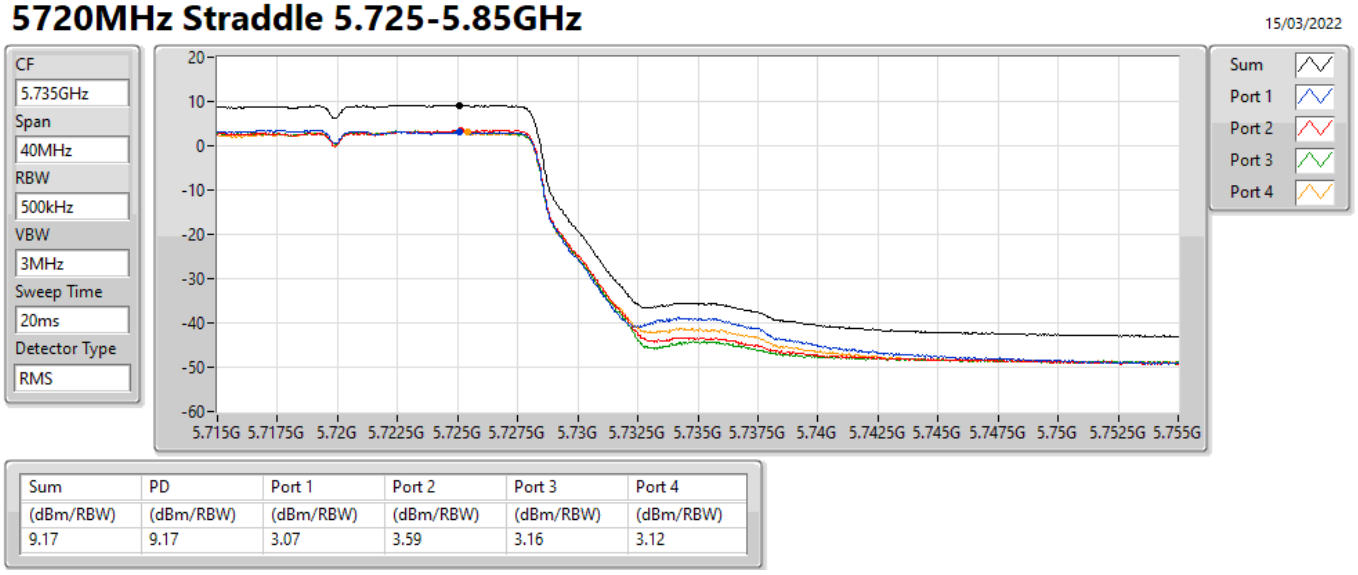
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.62	10.62	4.89	4.88	4.76	4.78

802.11a_Nss1,(6Mbps)_4TX PSD

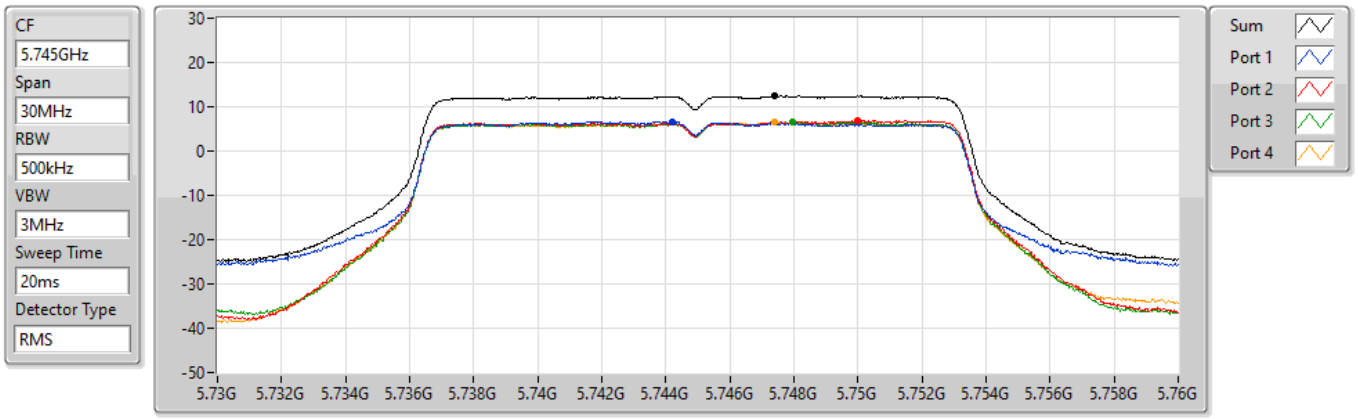
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.17	9.17	3.07	3.59	3.16	3.12

802.11a_Nss1,(6Mbps)_4TX PSD

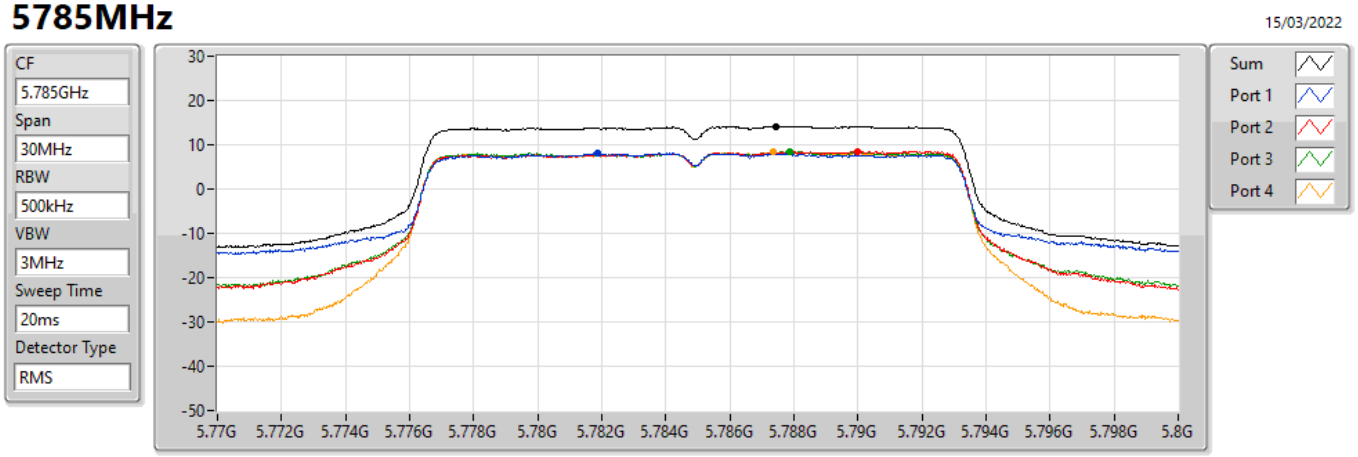
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.43	12.43	6.60	6.81	6.53	6.57

802.11a_Nss1,(6Mbps)_4TX PSD

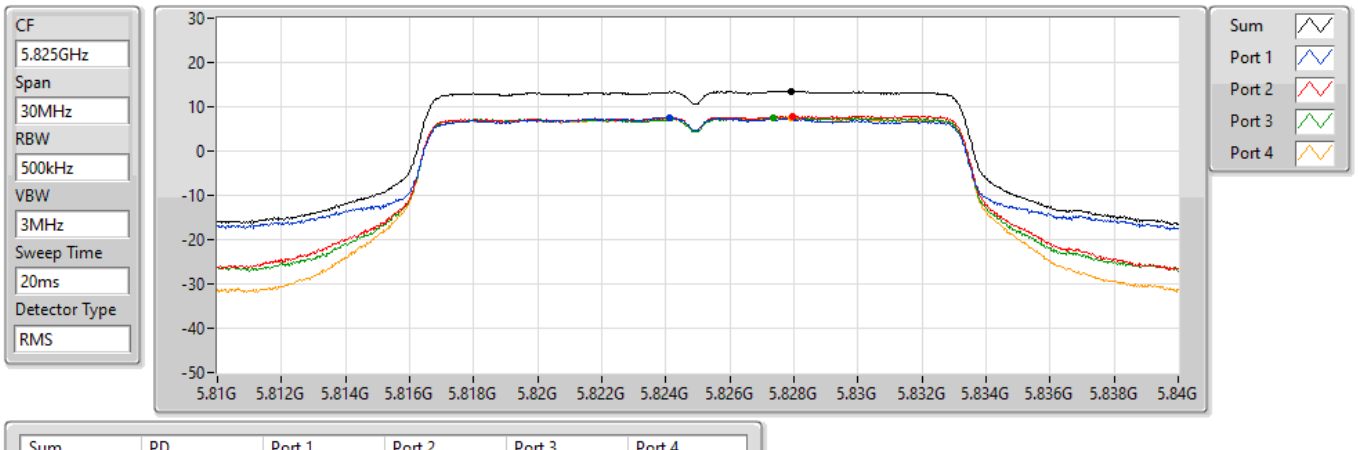
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.20	14.20	8.07	8.50	8.39	8.39

802.11a_Nss1,(6Mbps)_4TX PSD

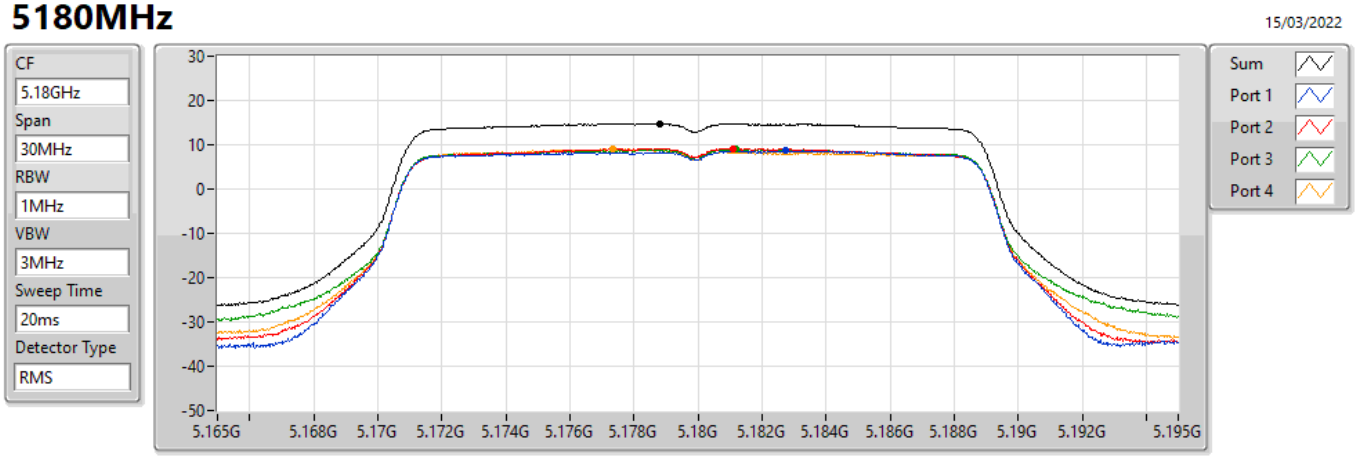
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.50	13.50	7.55	7.91	7.54	7.61

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

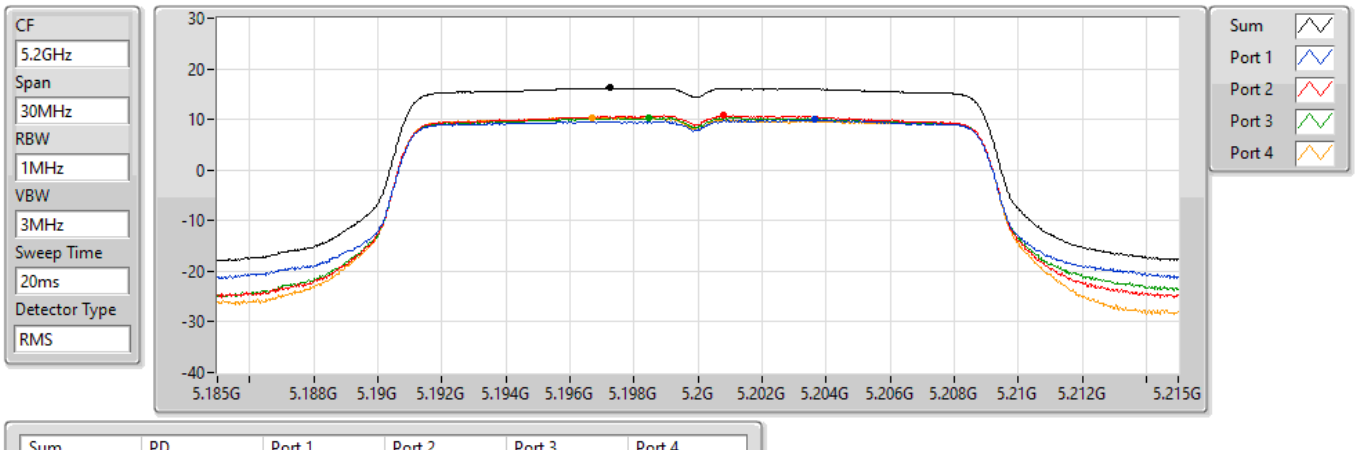
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.74	14.74	8.61	9.15	8.91	8.98

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

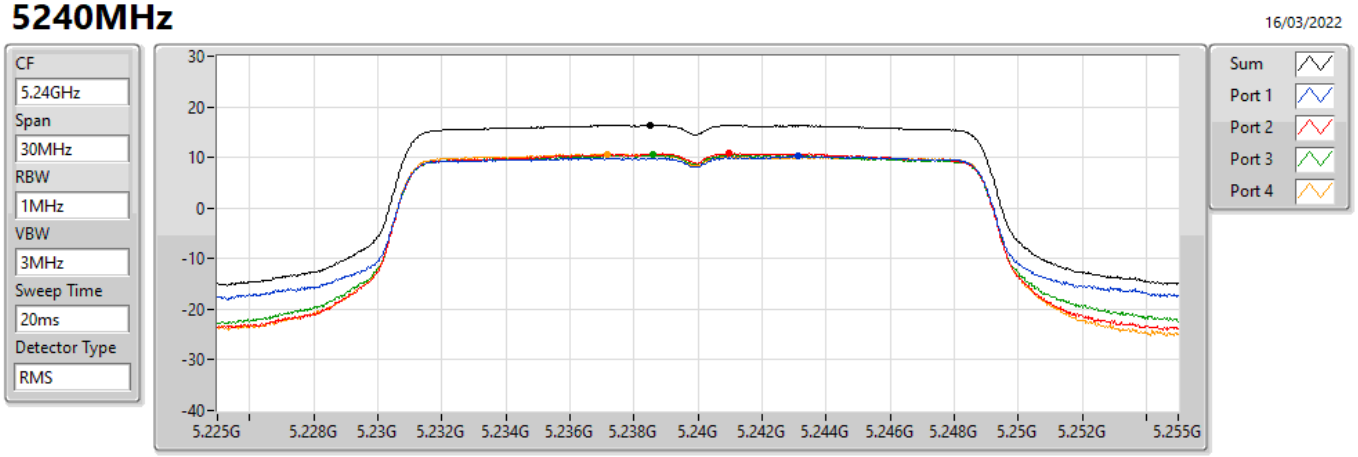
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.22	16.22	9.93	10.77	10.37	10.36

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

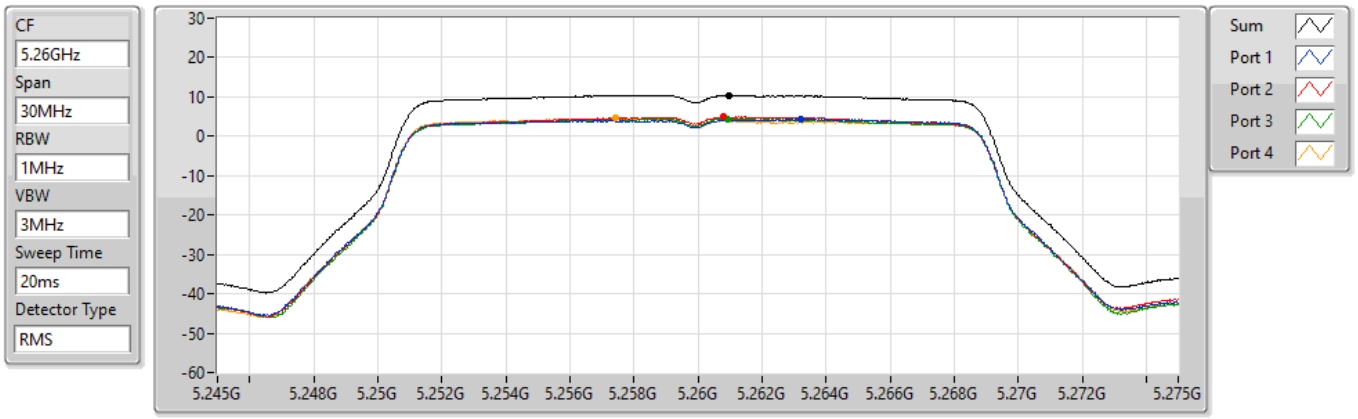
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.33	16.33	10.22	10.83	10.48	10.59

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5260MHz

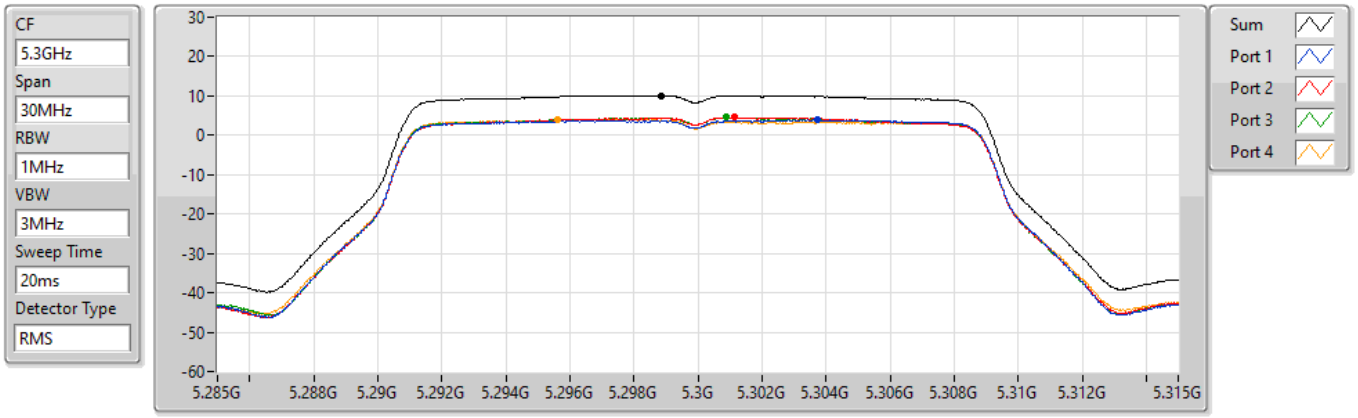


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.37	10.37	4.31	5.00	4.50	4.55

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5300MHz

16/03/2022

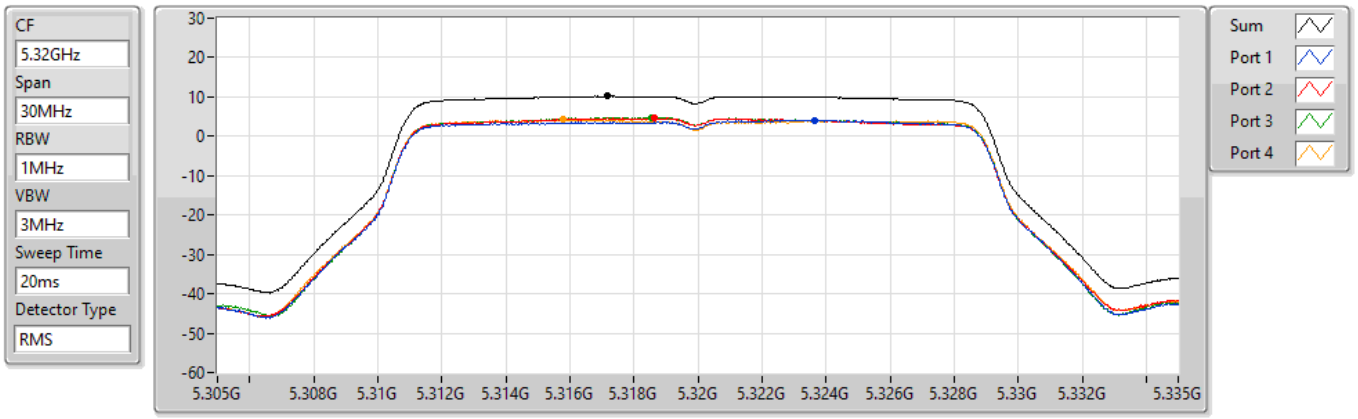


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.05	10.05	3.89	4.54	4.53	4.03

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5320MHz

16/03/2022

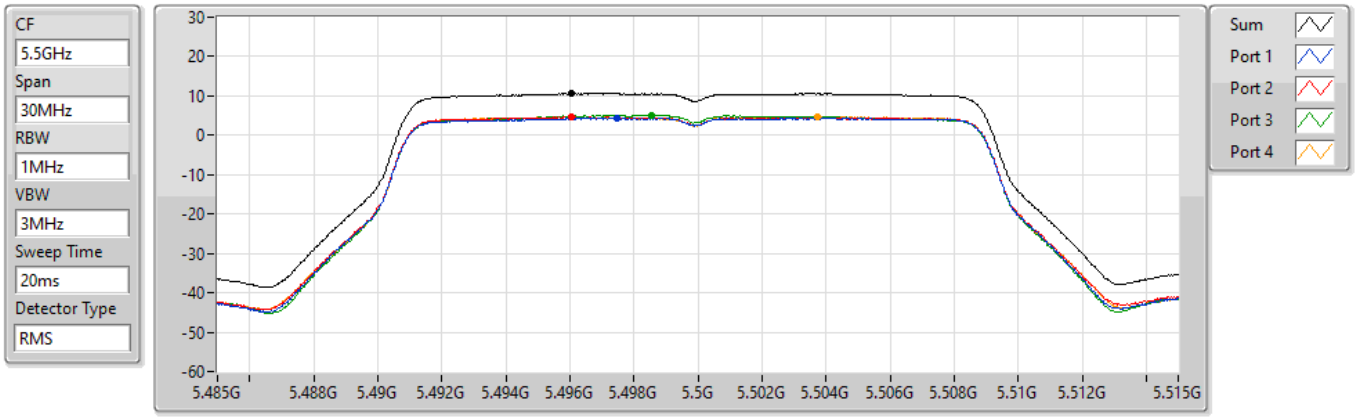


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.18	10.18	4.10	4.57	4.74	4.20

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5500MHz

16/03/2022

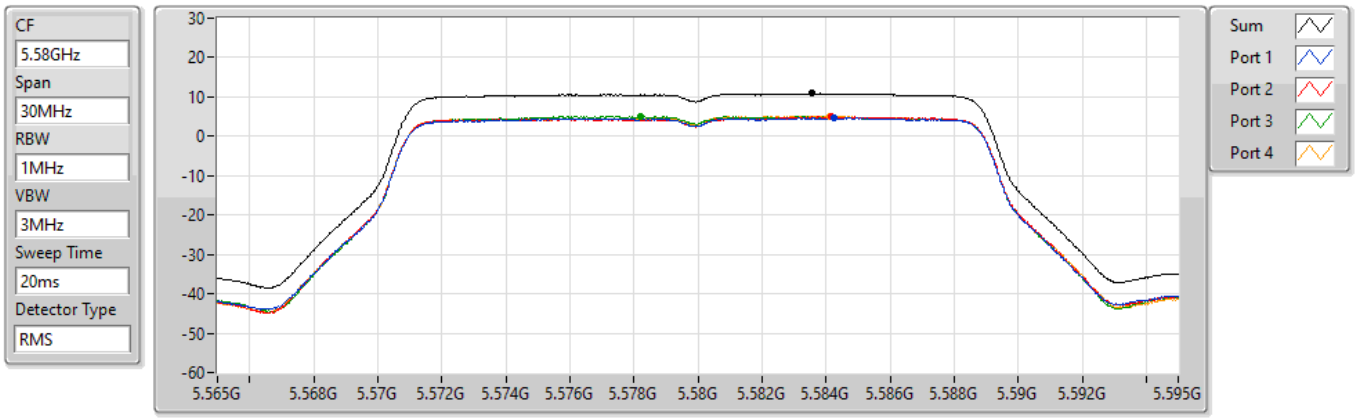


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.58	10.58	4.44	4.62	5.07	4.77

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5580MHz

16/03/2022

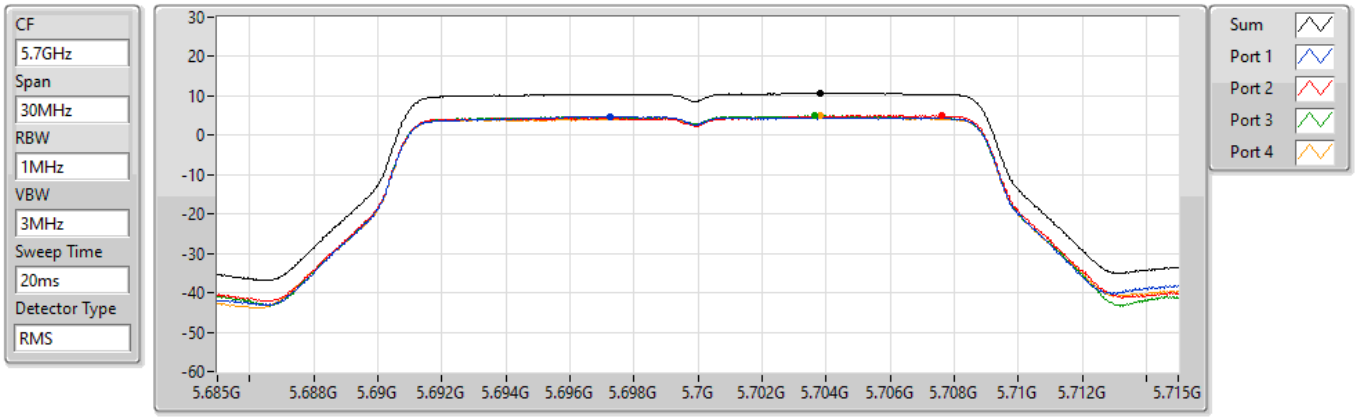


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.88	10.88	4.63	4.90	5.00	5.11

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5700MHz

16/03/2022

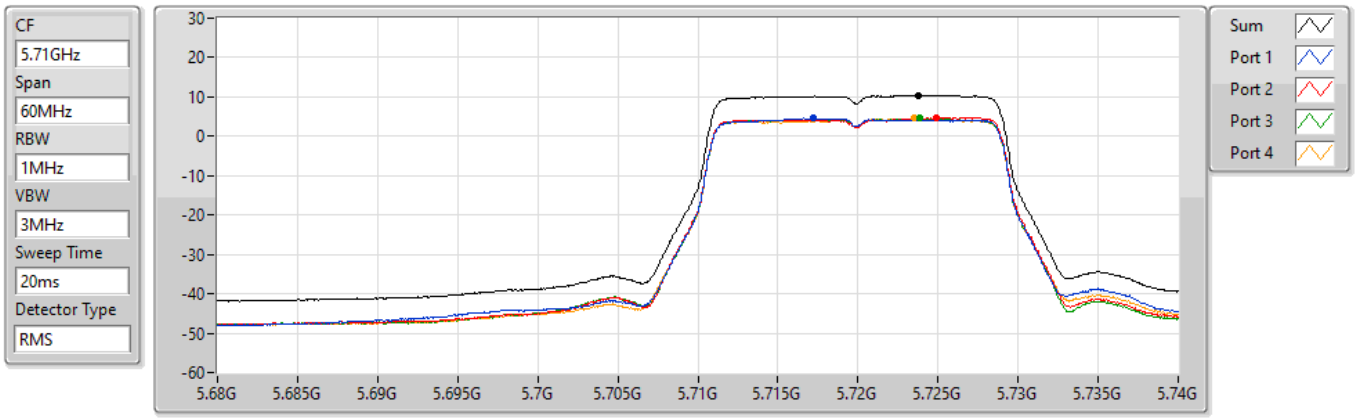


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	4.74	5.02	4.96	4.88

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

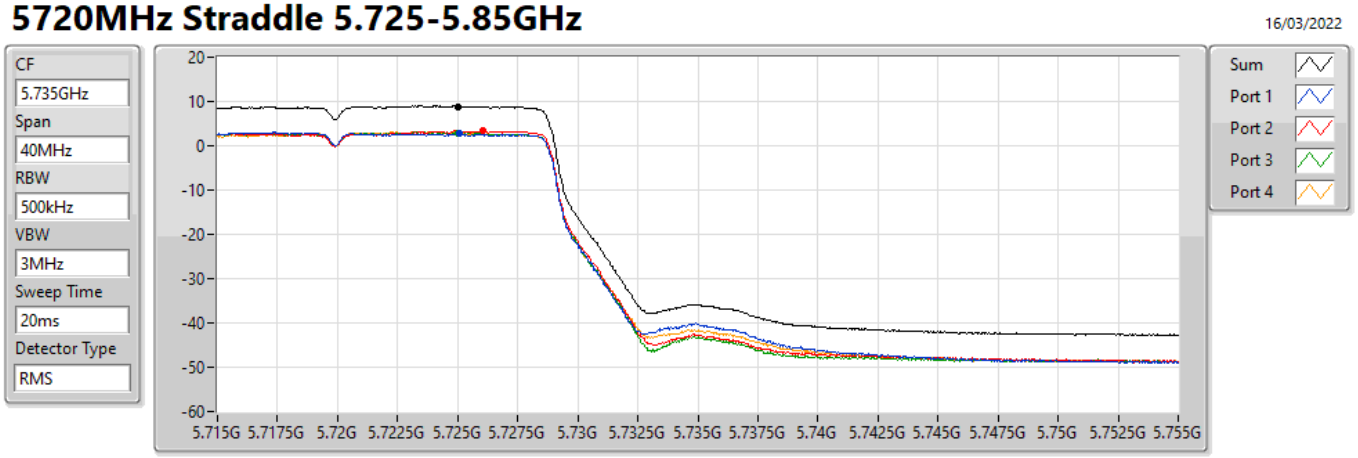
16/03/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.41	10.41	4.54	4.65	4.53	4.56

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

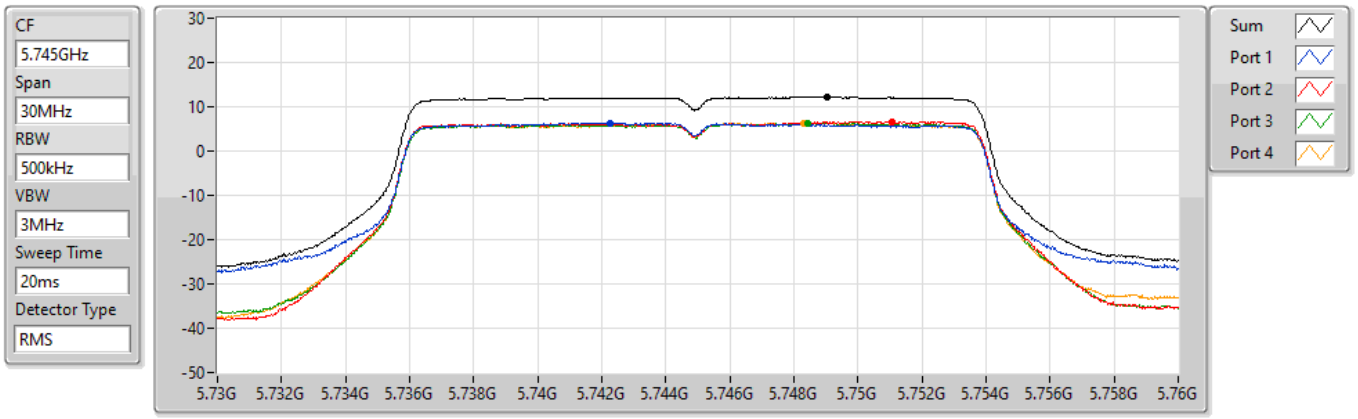
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.90	8.90	2.67	3.29	2.90	2.89

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5745MHz

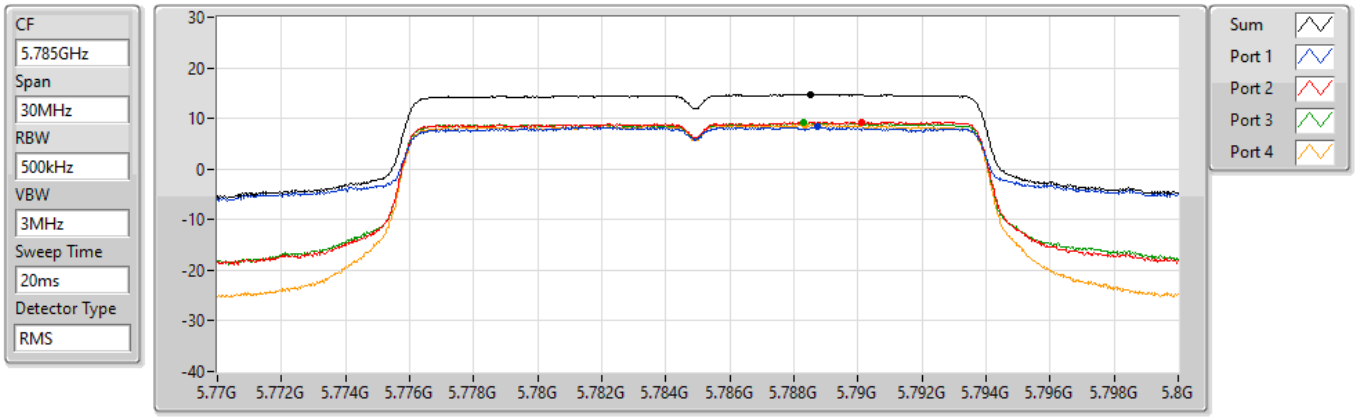


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.23	12.23	6.35	6.63	6.35	6.38

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5785MHz

16/03/2022

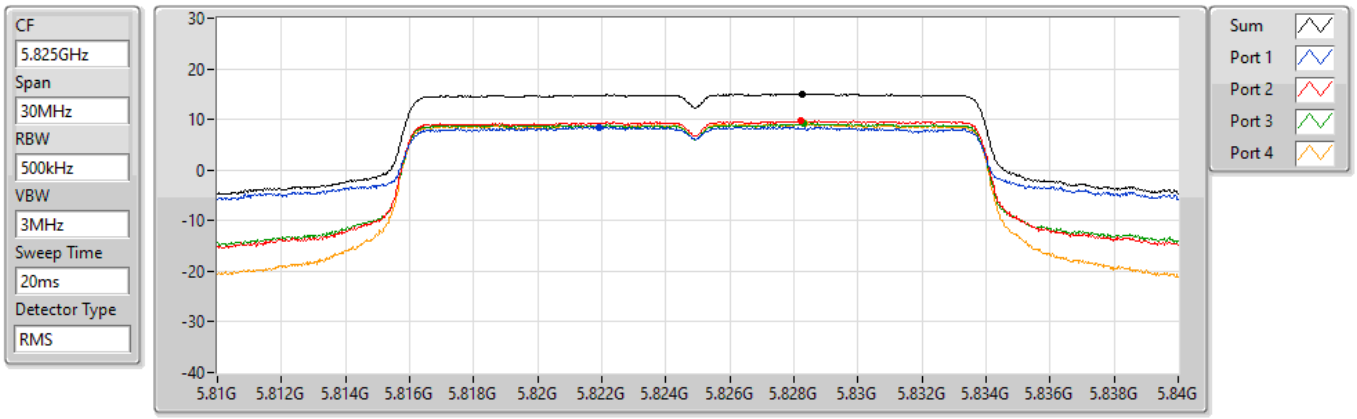


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.81	14.81	8.32	9.30	9.13	8.80

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5825MHz

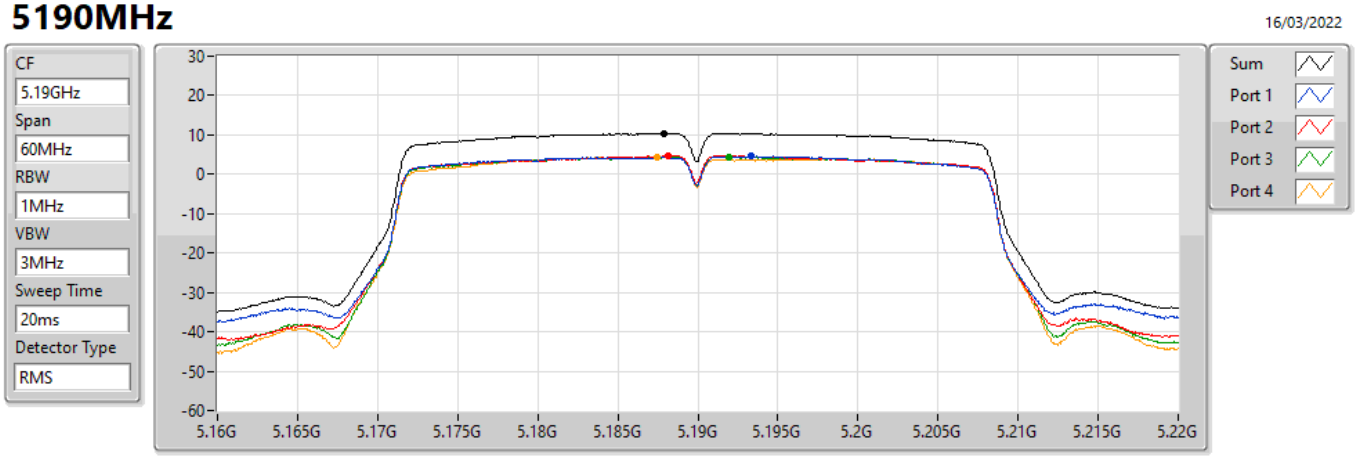
16/03/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.06	15.06	8.52	9.71	9.17	9.10

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

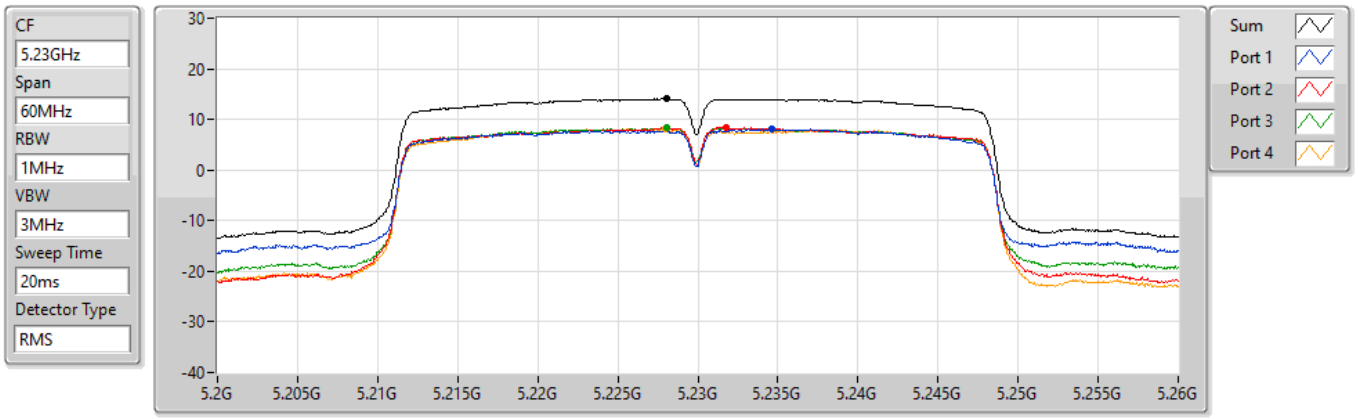
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.43	10.43	4.58	4.76	4.42	4.41

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

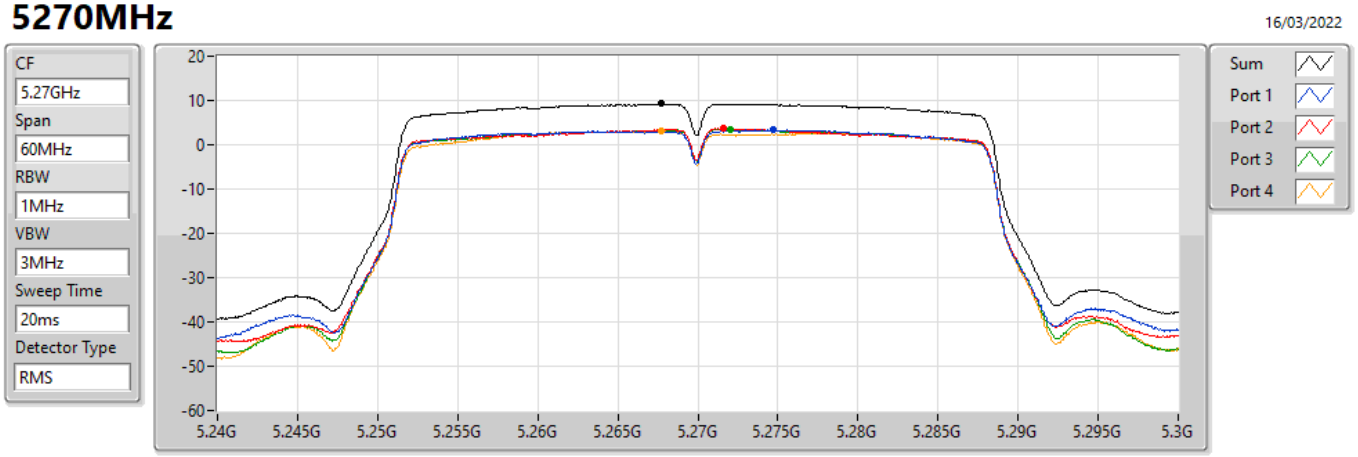
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.06	14.06	8.05	8.45	8.35	8.12

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

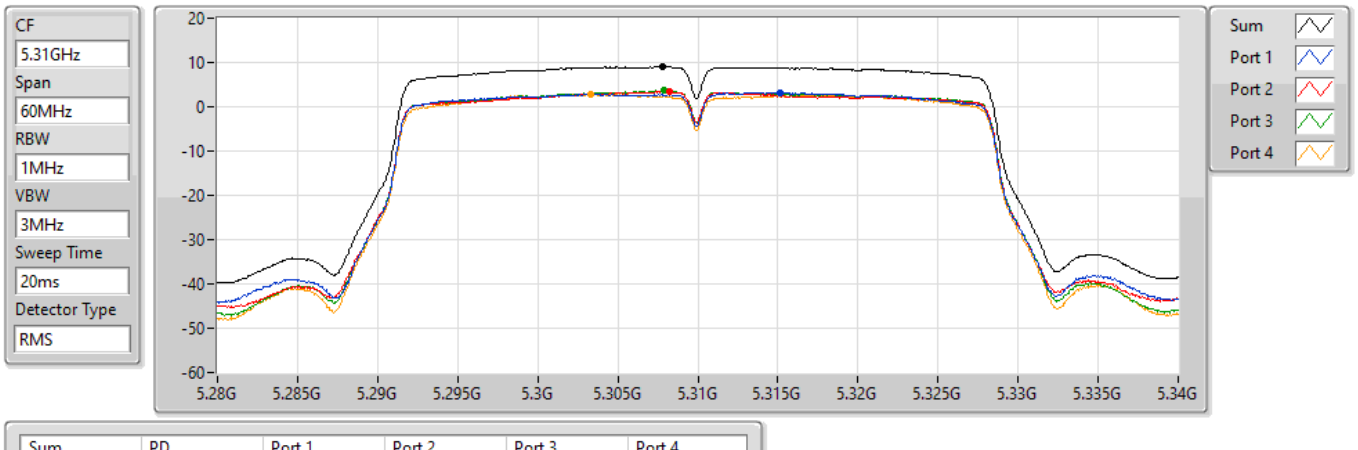
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.22	9.22	3.42	3.72	3.54	3.05

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5310MHz

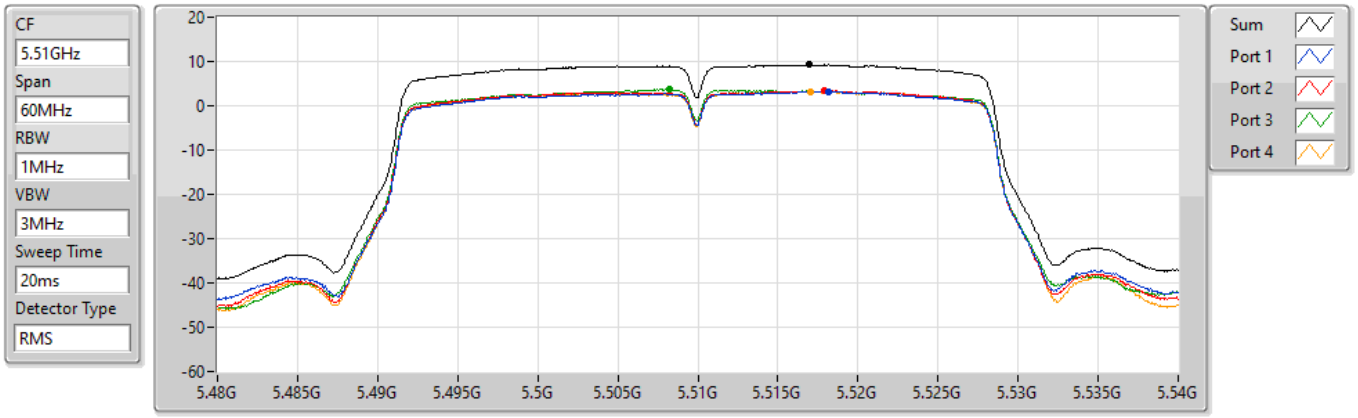


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.02	9.02	3.17	3.40	3.63	2.80

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5510MHz

16/03/2022

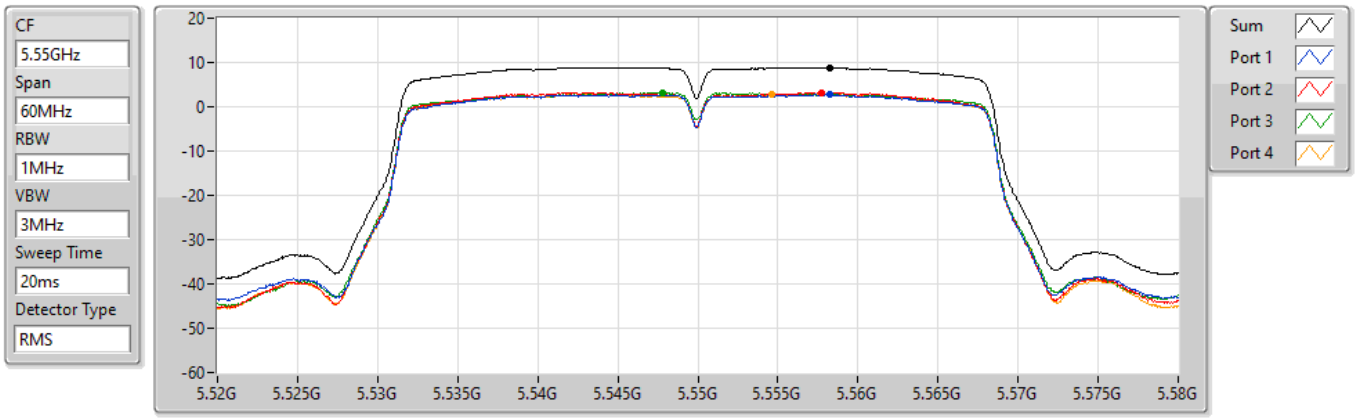


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.24	9.24	3.18	3.40	3.72	3.26

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5550MHz

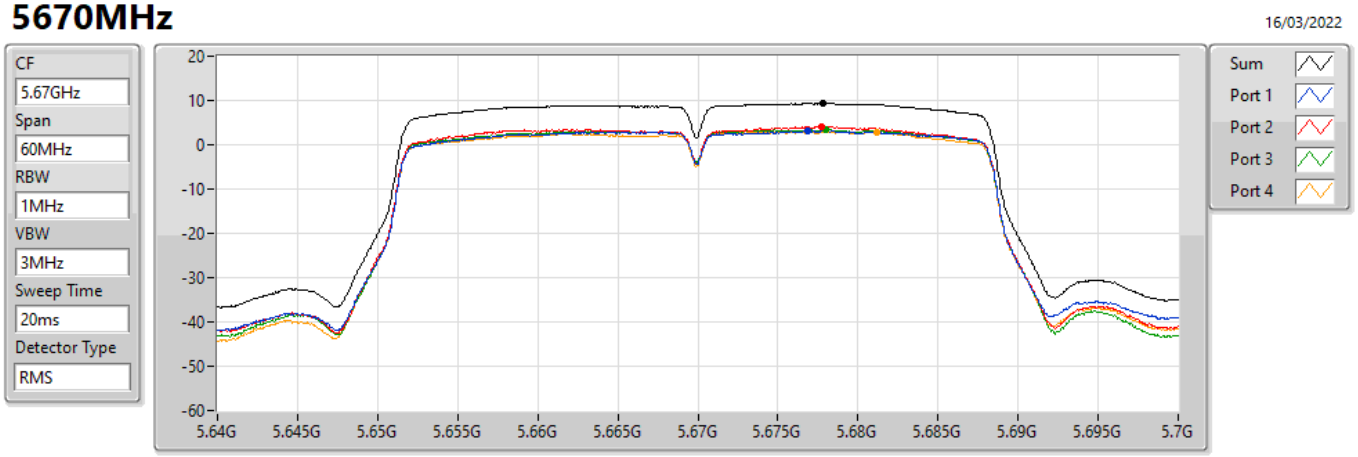
16/03/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.89	8.89	2.76	3.24	3.22	2.95

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

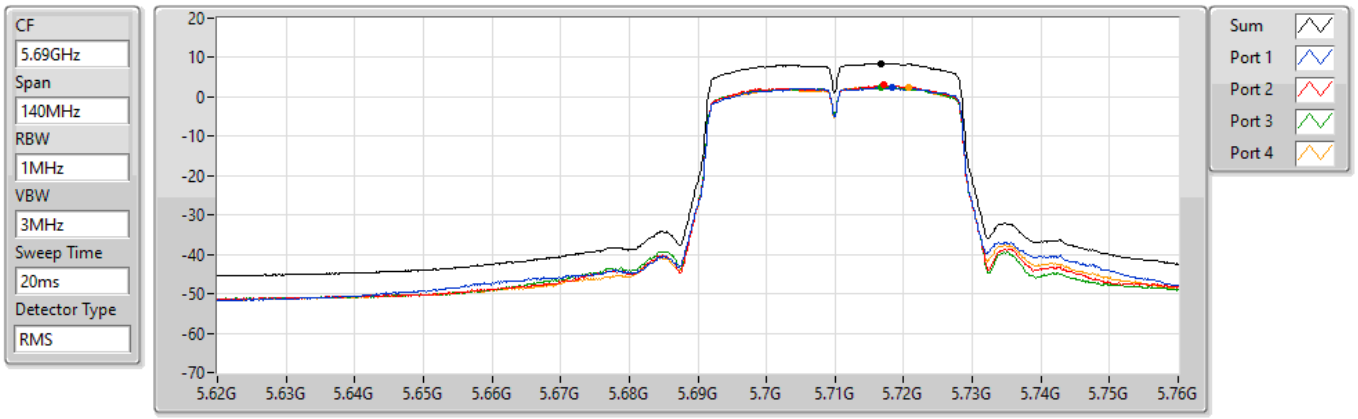
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.33	9.33	3.12	4.09	3.37	2.95

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

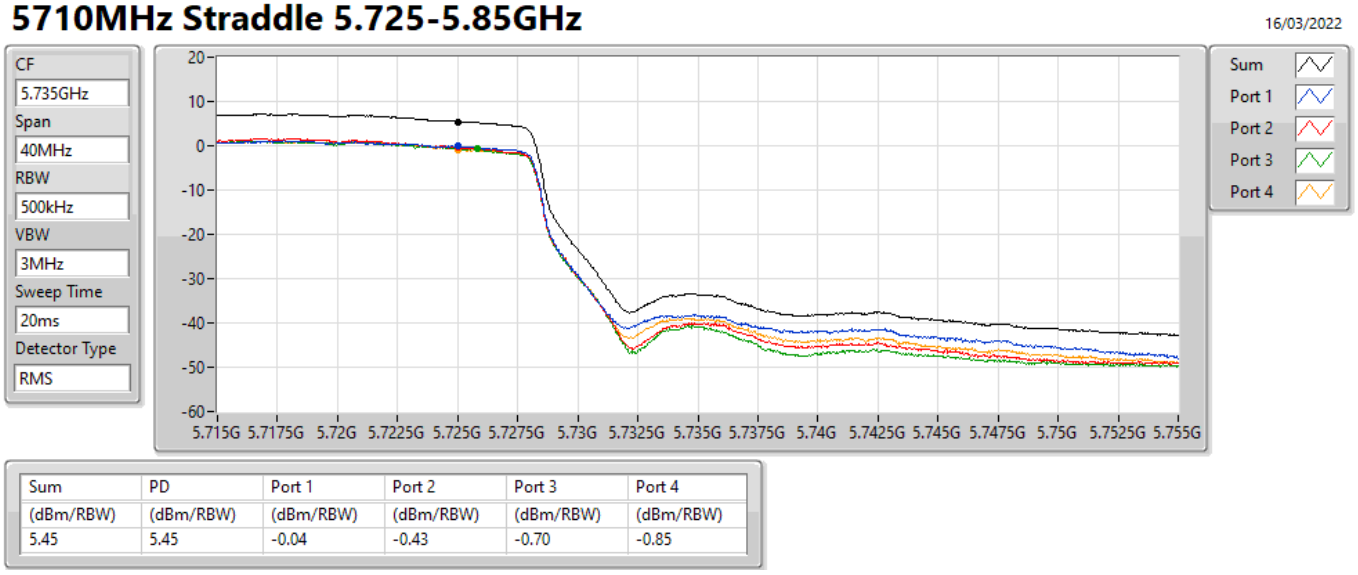
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.54	8.54	2.41	3.01	2.51	2.34

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

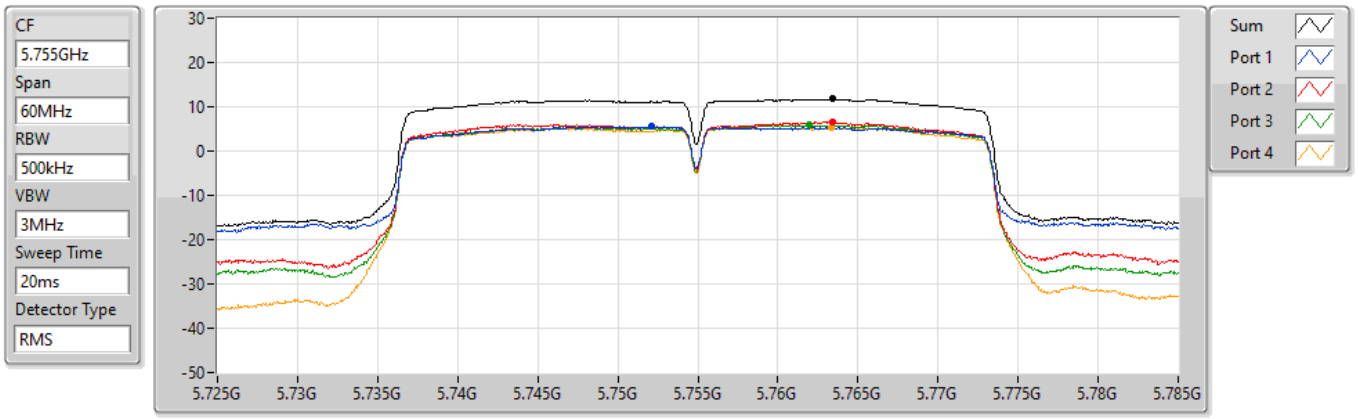
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.45	5.45	-0.04	-0.43	-0.70	-0.85

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

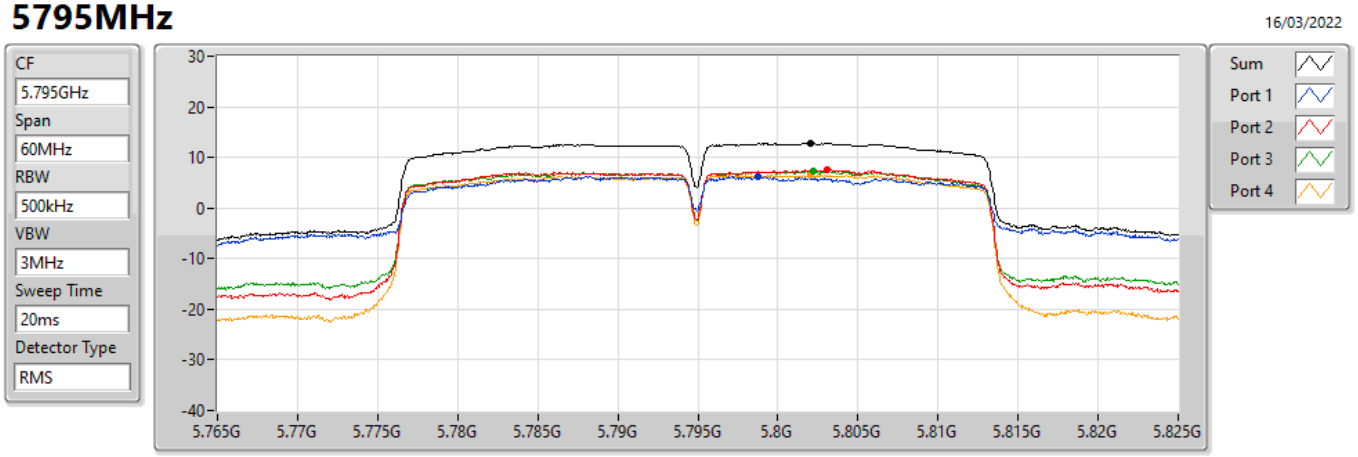
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.73	11.73	5.49	6.57	5.81	5.22

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

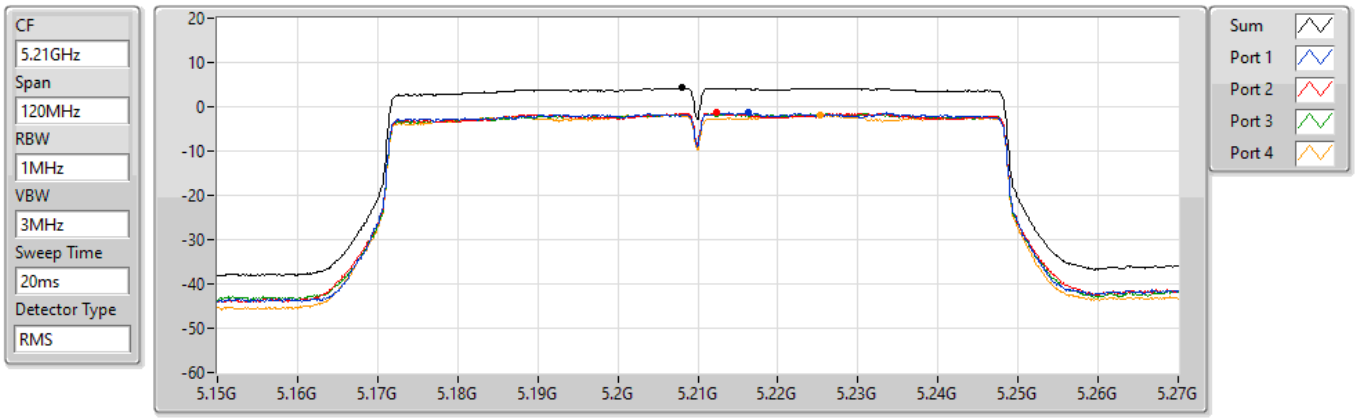
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.82	12.82	6.19	7.64	7.29	6.49

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

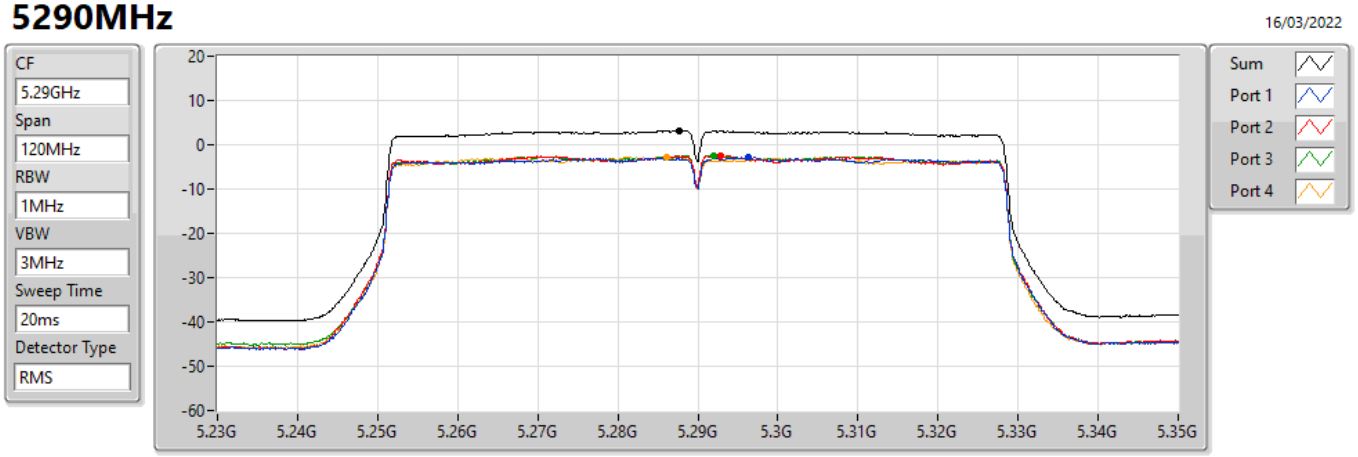
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.22	4.22	-1.37	-1.36	-1.53	-1.72

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

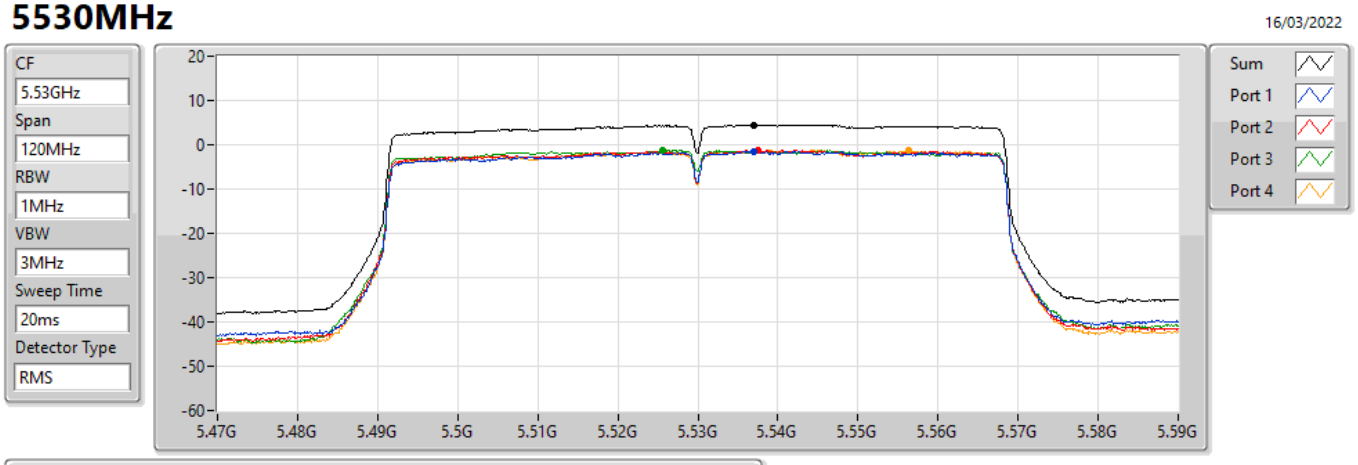
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.20	3.20	-2.82	-2.46	-2.53	-2.67

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

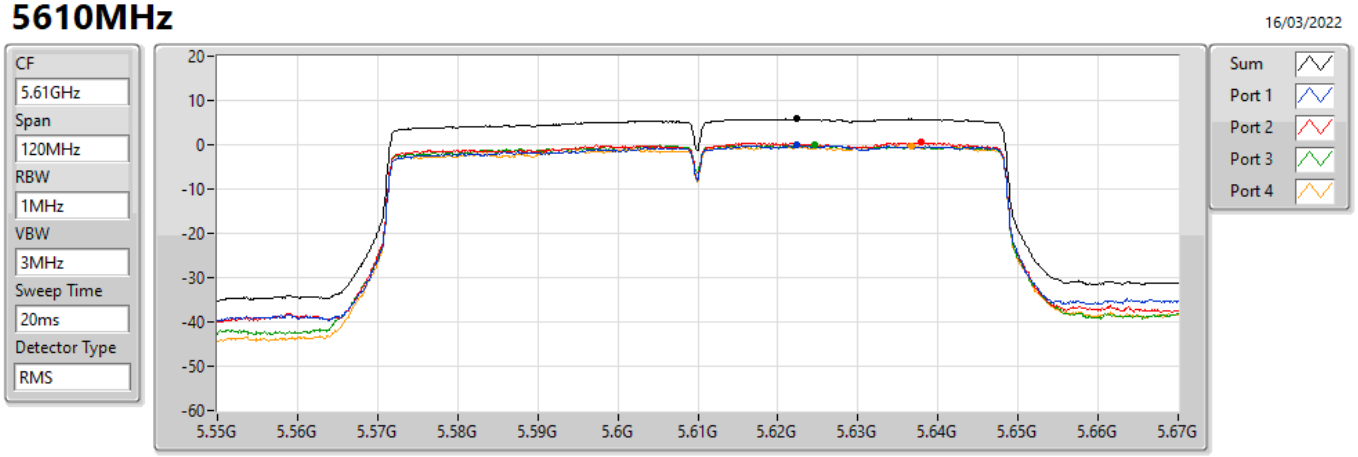
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.47	4.47	-1.52	-1.26	-1.17	-1.20

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

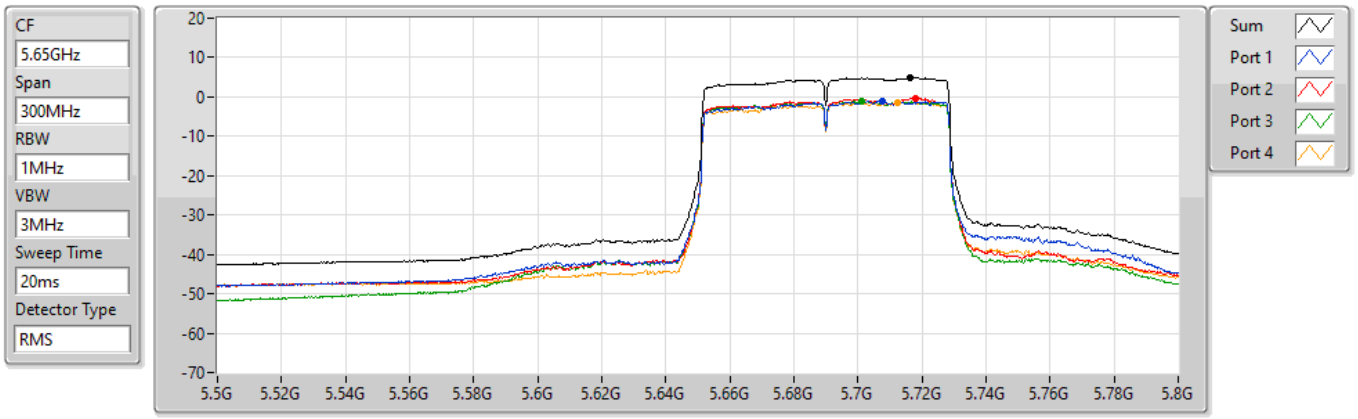
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.88	5.88	-0.06	0.47	-0.06	-0.17

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

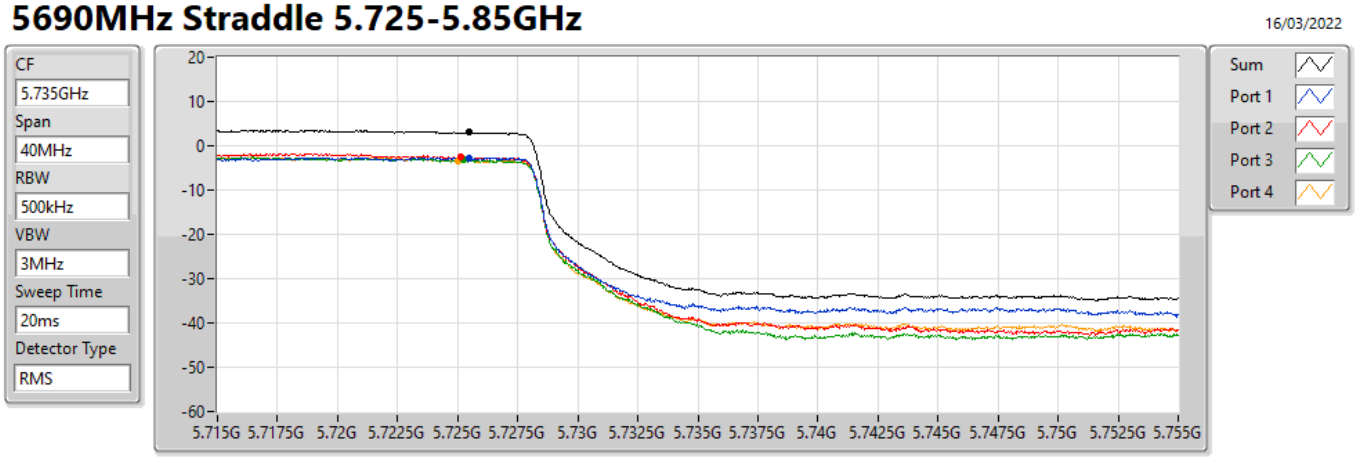
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.78	4.78	-1.18	-0.44	-1.16	-1.49

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

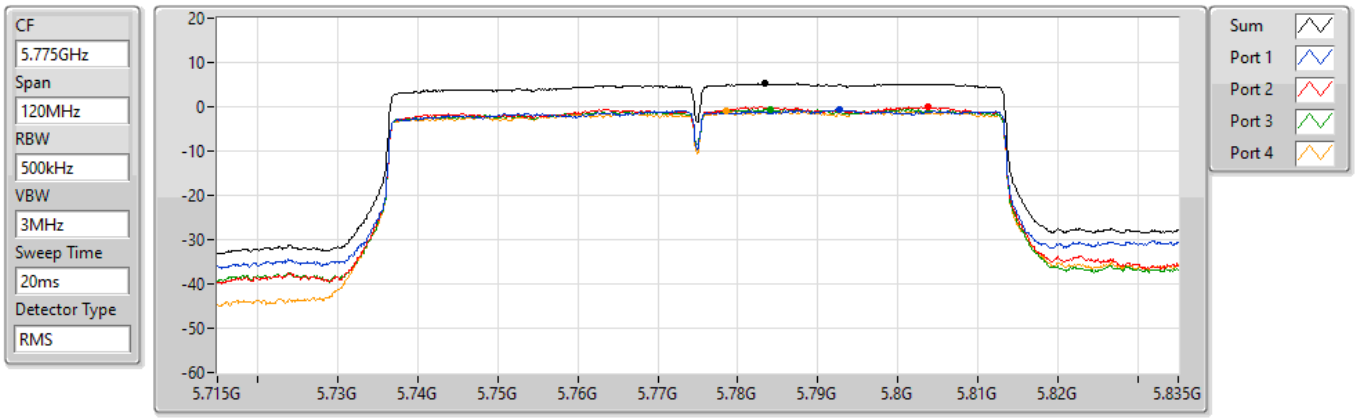
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.97	2.97	-2.72	-2.58	-3.26	-3.39

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5775MHz

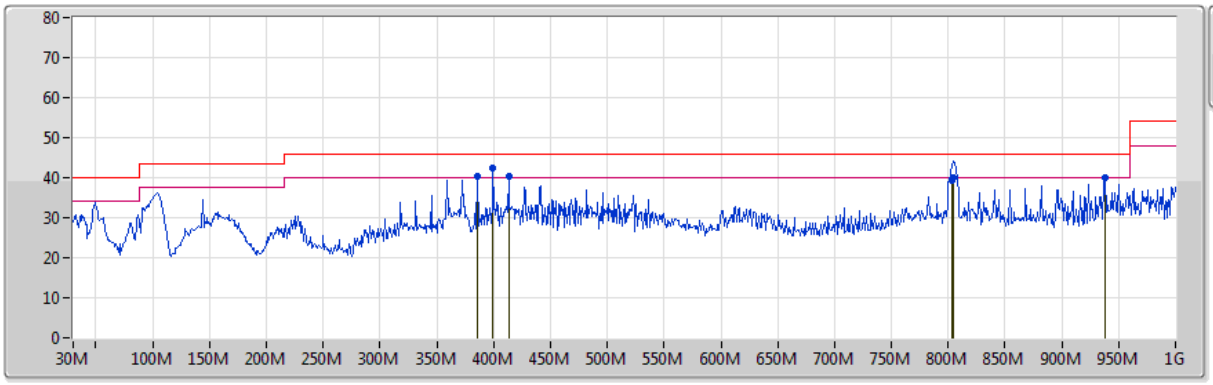


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.17	5.17	-0.51	0.05	-0.54	-1.00

Summary

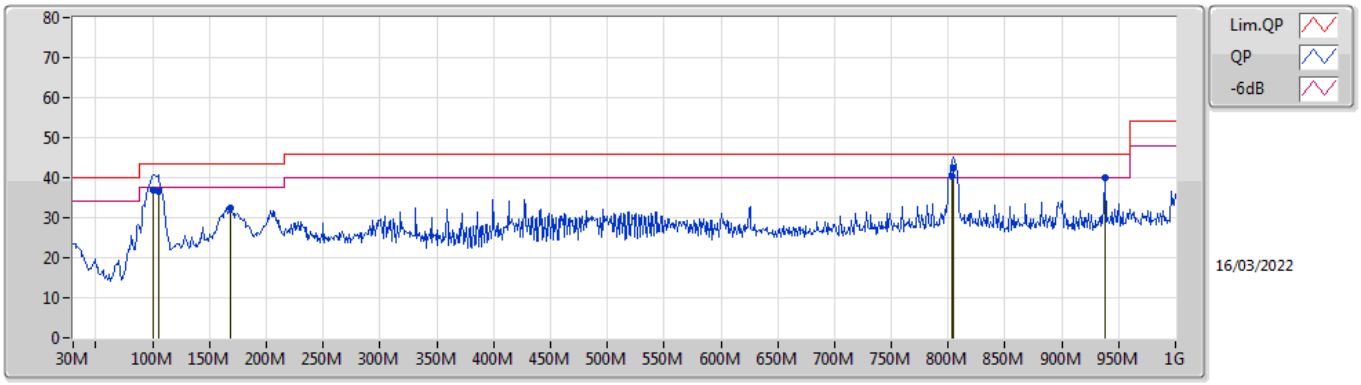
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	805.03M	42.57	46.00	-3.43	Horizontal

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	385.99M	40.32	46.00	-5.68	-10.31	3	Vertical	107	1.50	-	50.63	20.14	1.57	32.02
PK	399.57M	42.49	46.00	-3.51	-9.70	3	Vertical	107	1.50	"Worst"	52.19	20.73	1.60	32.03
PK	413.15M	40.48	46.00	-5.52	-9.07	3	Vertical	112	1.25	-	49.55	21.36	1.63	32.06
QP	803M	39.20	46.00	-6.80	-5.11	3	Vertical	27	1.25	-	44.31	24.92	2.30	32.33
QP	805.03M	39.98	46.00	-6.02	-5.13	3	Vertical	0	1.25	-	45.11	24.90	2.30	32.33
PK	937.92M	39.85	46.00	-6.15	-3.96	3	Vertical	218	1.00	-	43.81	25.68	2.55	32.19

Mode 1



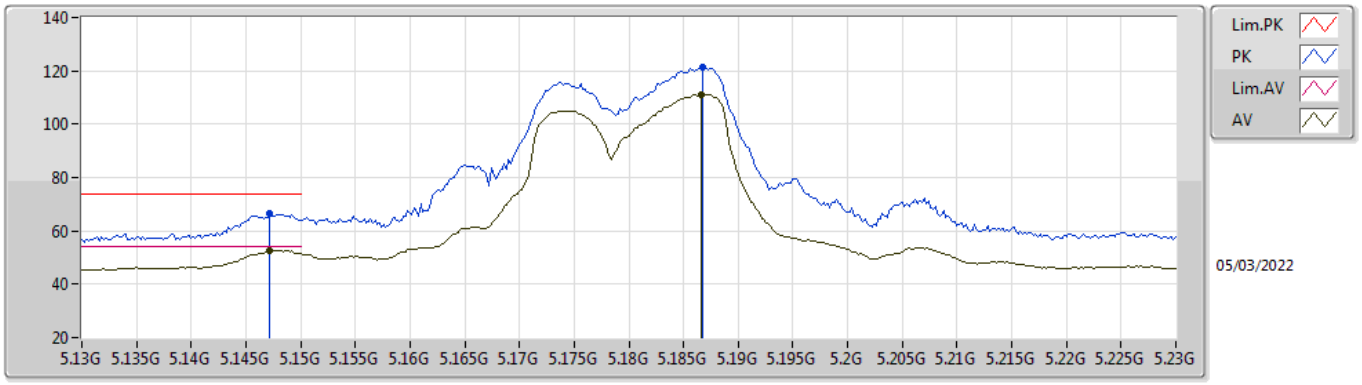
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	100.81M	36.80	43.50	-6.70	-15.20	3	Horizontal	103	2.00	-	52.00	15.89	0.80	31.89
QP	104.69M	36.54	43.50	-6.96	-14.68	3	Horizontal	268	2.00	-	51.22	16.39	0.82	31.89
PK	168.71M	32.52	43.50	-10.98	-16.16	3	Horizontal	115	2.00	-	48.68	14.70	1.04	31.90
QP	803M	40.38	46.00	-5.62	-5.11	3	Horizontal	64	1.00	-	45.49	24.92	2.30	32.33
QP	805.03M	42.57	46.00	-3.43	-5.13	3	Horizontal	64	1.00	"Worst"	47.70	24.90	2.30	32.33
PK	937.92M	39.99	46.00	-6.01	-3.96	3	Horizontal	57	1.50	-	43.95	25.68	2.55	32.19

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	PK	16.7408G	68.19	68.20	-0.01	3	Horizontal	128	1.40	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

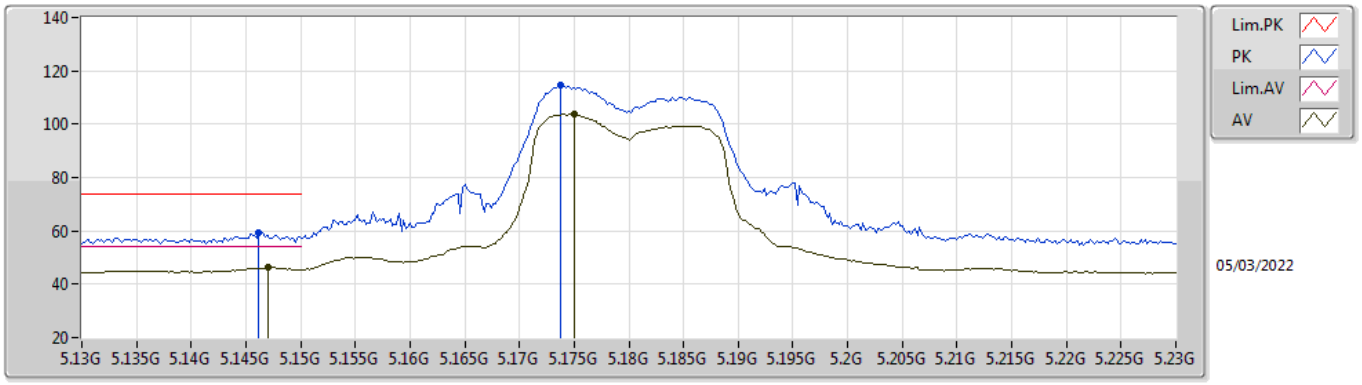


EUT Y_4TX
Setting 21.5
02-B-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1472G	66.36	74.00	-7.64	59.76	3	Vertical	238	1.71	-	33.50	5.25	32.15
AV	5.1472G	52.75	54.00	-1.25	46.15	3	Vertical	238	1.71	-	33.50	5.25	32.15
PK	5.1868G	121.31	Inf	-Inf	114.67	3	Vertical	238	1.71	-	33.50	5.29	32.15
AV	5.1866G	111.02	Inf	-Inf	104.38	3	Vertical	238	1.71	-	33.50	5.29	32.15

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

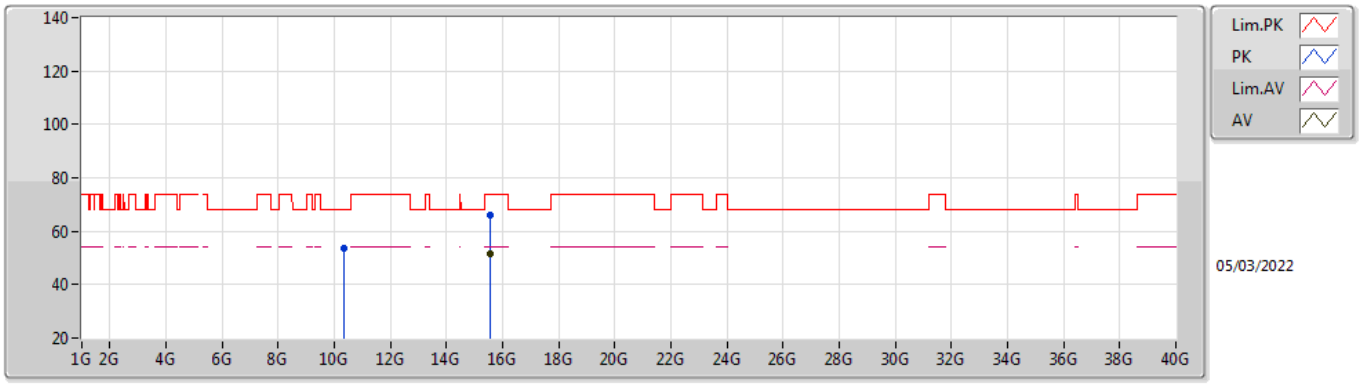


EUT Y_4TX
Setting 21.5
02-B-S-8-10

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	5.1462G	59.26	74.00	-14.74	52.66	3	Horizontal	316	1.87	-	33.50	5.25	32.15
AV	5.147G	46.27	54.00	-7.73	39.67	3	Horizontal	316	1.87	-	33.50	5.25	32.15
PK	5.1738G	114.71	Inf	-Inf	108.09	3	Horizontal	316	1.87	-	33.50	5.27	32.15
AV	5.175G	103.69	Inf	-Inf	97.07	3	Horizontal	316	1.87	-	33.50	5.27	32.15

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

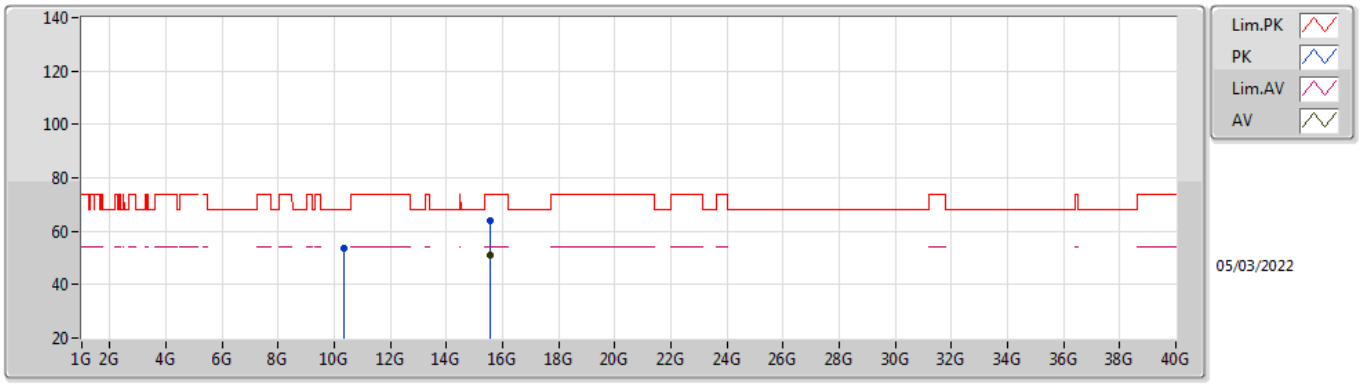


EUT Y_4TX
Setting 21.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3588G	53.66	68.20	-14.54	40.74	3	Vertical	62	1.80	-	38.44	7.44	32.96
PK	15.5426G	66.12	74.00	-7.88	51.76	3	Vertical	96	1.89	-	37.77	9.79	33.20
AV	15.5421G	51.32	54.00	-2.68	36.96	3	Vertical	96	1.89	-	37.77	9.79	33.20

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

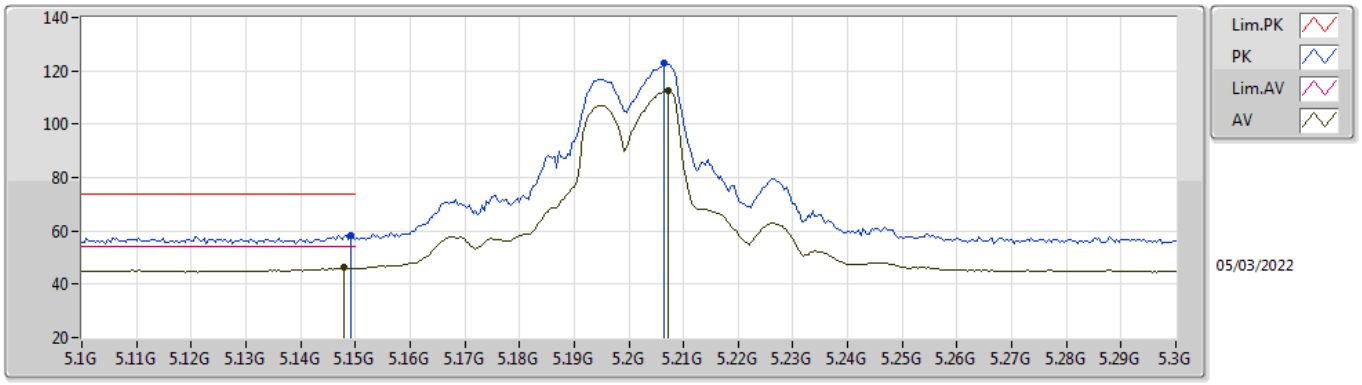


EUT Y_4TX
Setting 21.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35802G	53.61	68.20	-14.59	40.69	3	Horizontal	144	2.61	-	38.44	7.44	32.96
PK	15.5426G	64.20	74.00	-9.80	49.84	3	Horizontal	248	2.52	-	37.77	9.79	33.20
AV	15.5418G	51.25	54.00	-2.75	36.89	3	Horizontal	248	2.52	-	37.77	9.79	33.20

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

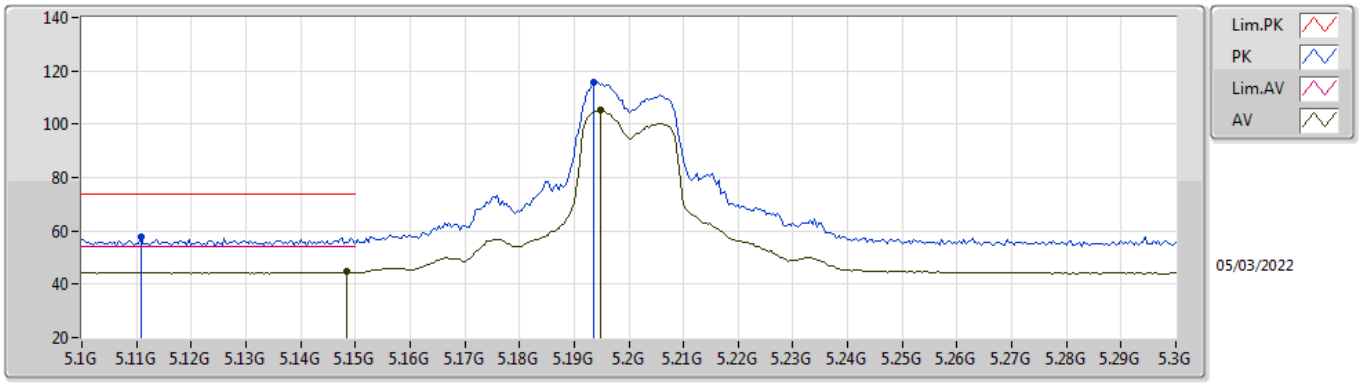


EUT Y_4TX
Setting 22.5
02-B-S-8-10

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	5.1492G	58.43	74.00	-15.57	51.83	3	Vertical	237	2.04	-	33.50	5.25	32.15
AV	5.148G	46.28	54.00	-7.72	39.68	3	Vertical	237	2.04	-	33.50	5.25	32.15
PK	5.2064G	122.92	Inf	-Inf	116.26	3	Vertical	237	2.04	-	33.51	5.30	32.15
AV	5.2072G	112.40	Inf	-Inf	105.74	3	Vertical	237	2.04	-	33.51	5.30	32.15

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

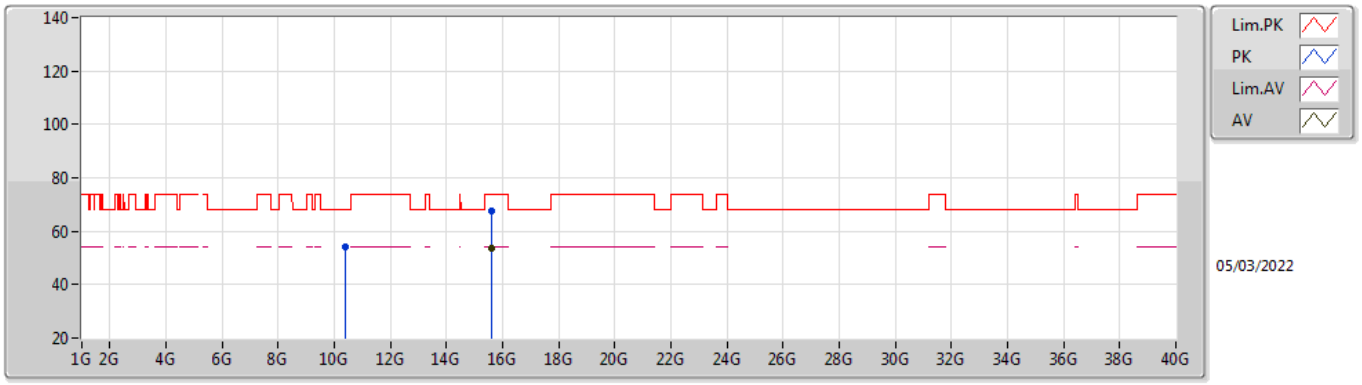


EUT Y_4TX
Setting 22.5
02-B-S-8-10

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	5.1108G	57.80	74.00	-16.20	51.24	3	Horizontal	315	1.85	-	33.50	5.21	32.15
AV	5.1484G	44.58	54.00	-9.42	37.98	3	Horizontal	315	1.85	-	33.50	5.25	32.15
PK	5.1936G	115.82	Inf	-Inf	109.18	3	Horizontal	315	1.85	-	33.50	5.29	32.15
AV	5.1948G	105.27	Inf	-Inf	98.63	3	Horizontal	315	1.85	-	33.50	5.29	32.15

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

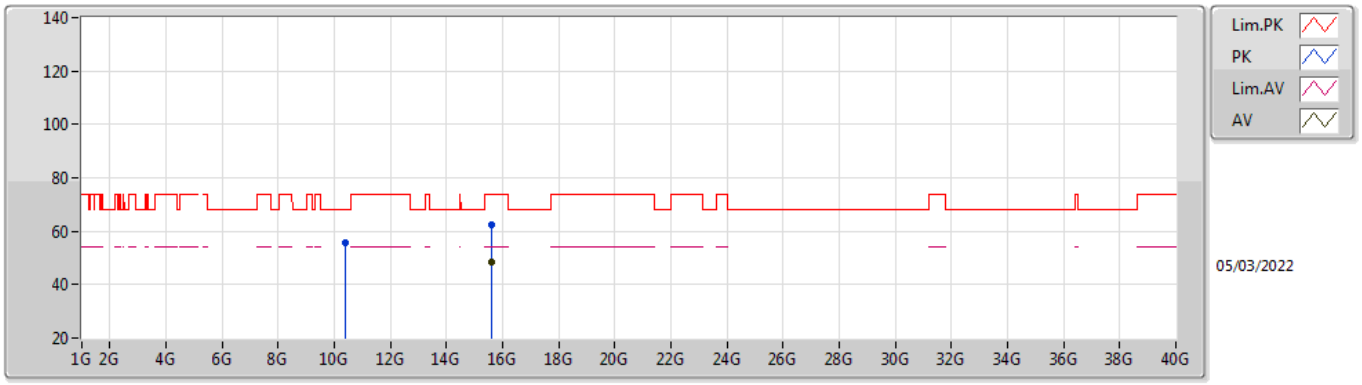


EUT Y_4TX
Setting 22.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3988G	54.30	68.20	-13.90	41.42	3	Vertical	62	1.80	-	38.40	7.46	32.98
PK	15.6023G	67.70	74.00	-6.30	53.55	3	Vertical	96	1.86	-	37.60	9.82	33.27
AV	15.6021G	53.66	54.00	-0.34	39.51	3	Vertical	96	1.86	-	37.60	9.82	33.27

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

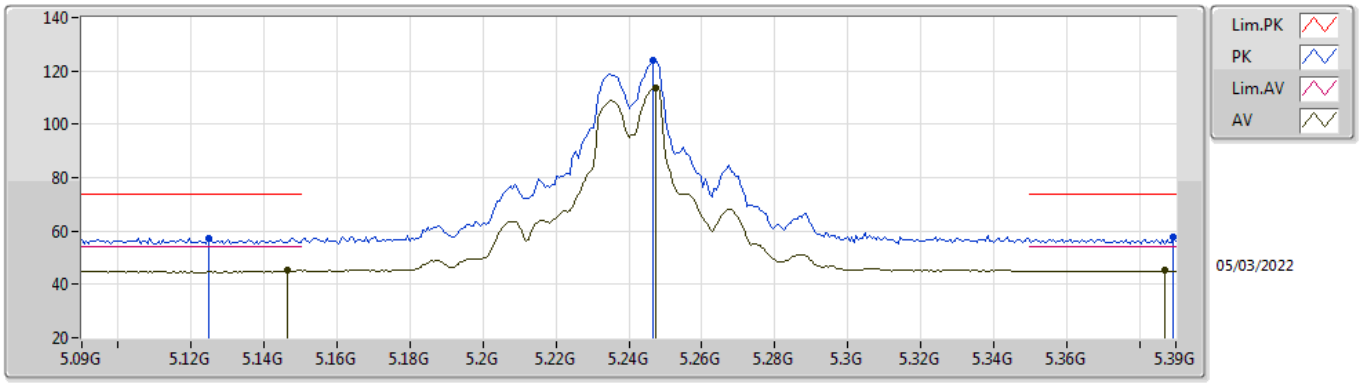


EUT Y_4TX
Setting 22.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4036G	55.80	68.20	-12.40	42.93	3	Horizontal	136	1.98	-	38.40	7.46	32.99
PK	15.602G	62.17	74.00	-11.83	48.02	3	Horizontal	40	2.28	-	37.60	9.82	33.27
AV	15.602G	48.21	54.00	-5.79	34.06	3	Horizontal	40	2.28	-	37.60	9.82	33.27

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

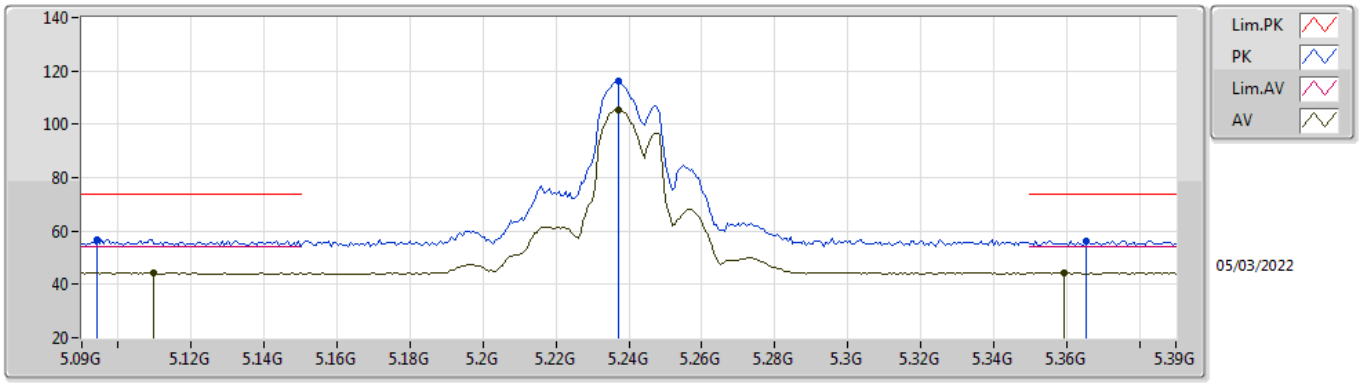


EUT Y_4TX
Setting 23
02-B-S-8-10

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	5.1248G	57.23	74.00	-16.77	50.66	3	Vertical	235	2.02	-	33.50	5.22	32.15
AV	5.1464G	45.21	54.00	-8.79	38.61	3	Vertical	235	2.02	-	33.50	5.25	32.15
PK	5.2466G	123.77	Inf	-Inf	117.01	3	Vertical	235	2.02	-	33.59	5.32	32.15
AV	5.2472G	113.79	Inf	-Inf	107.03	3	Vertical	235	2.02	-	33.59	5.32	32.15
PK	5.3894G	57.60	74.00	-16.40	50.57	3	Vertical	235	2.02	-	33.78	5.39	32.14
AV	5.387G	45.13	54.00	-8.87	38.11	3	Vertical	235	2.02	-	33.77	5.39	32.14

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

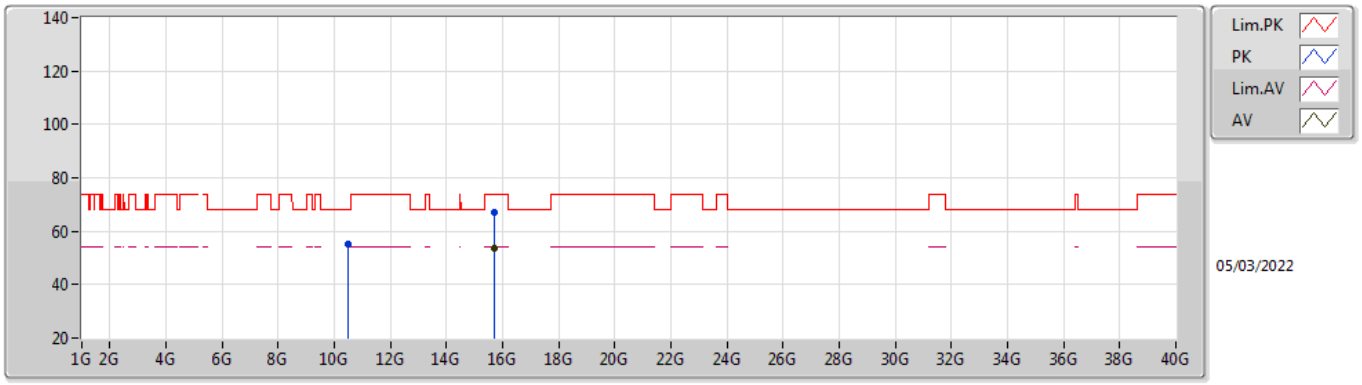


EUT Y_4TX
Setting 23
02-B-S-8-10

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	5.0942G	56.80	74.00	-17.20	50.28	3	Horizontal	309	2.61	-	33.48	5.19	32.15
AV	5.1098G	44.37	54.00	-9.63	37.81	3	Horizontal	309	2.61	-	33.50	5.21	32.15
PK	5.237G	116.04	Inf	-Inf	109.30	3	Horizontal	309	2.61	-	33.57	5.32	32.15
AV	5.237G	105.60	Inf	-Inf	98.86	3	Horizontal	309	2.61	-	33.57	5.32	32.15
PK	5.3654G	56.34	74.00	-17.66	49.37	3	Horizontal	309	2.61	-	33.73	5.38	32.14
AV	5.3594G	44.33	54.00	-9.67	37.37	3	Horizontal	309	2.61	-	33.72	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

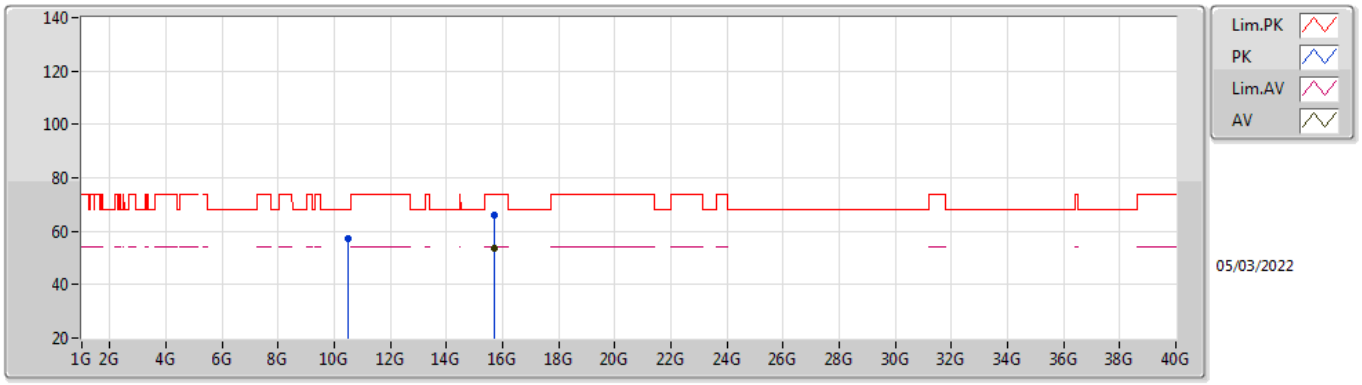


EUT Y_4TX
Setting 23
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4812G	55.08	68.20	-13.12	42.23	3	Vertical	62	2.45	-	38.40	7.49	33.04
PK	15.7223G	66.90	74.00	-7.10	53.03	3	Vertical	97	1.85	-	37.40	9.88	33.41
AV	15.722G	53.59	54.00	-0.41	39.73	3	Vertical	97	1.85	-	37.40	9.87	33.41

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

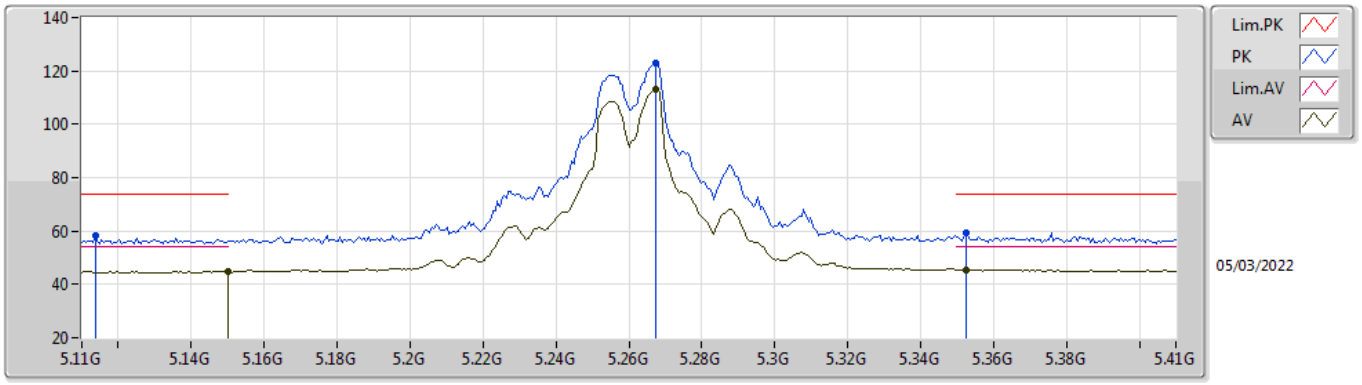


EUT Y_4TX
Setting 23
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48516G	57.27	68.20	-10.93	44.42	3	Horizontal	136	2.35	-	38.40	7.49	33.04
PK	15.7215G	65.92	74.00	-8.08	52.06	3	Horizontal	122	2.00	-	37.40	9.87	33.41
AV	15.7214G	53.60	54.00	-0.40	39.74	3	Horizontal	122	2.00	-	37.40	9.87	33.41

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

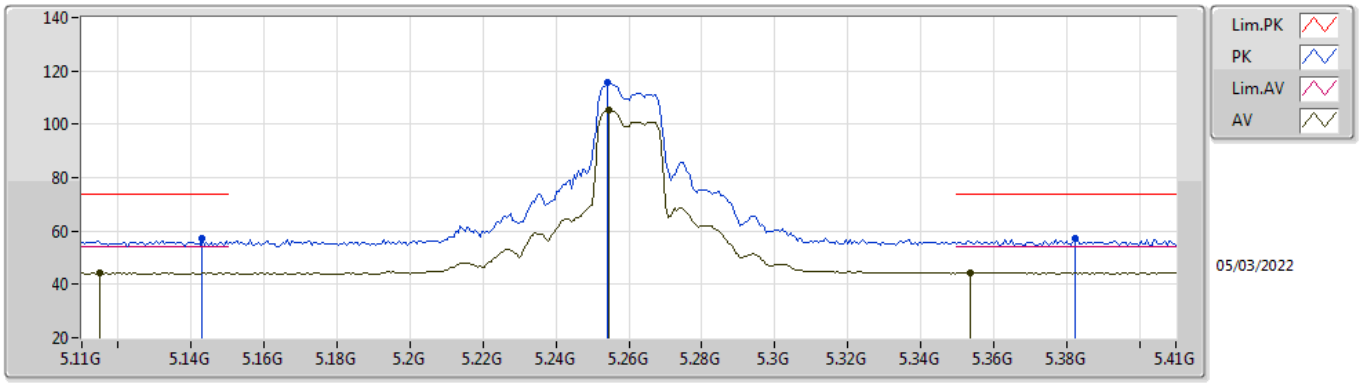


EUT Y_4TX
Setting 23
02-B-S-8-10

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	5.1136G	58.04	74.00	-15.96	51.48	3	Vertical	236	1.80	-	33.50	5.21	32.15
AV	5.15G	44.95	54.00	-9.05	38.35	3	Vertical	236	1.80	-	33.50	5.25	32.15
PK	5.2672G	123.11	Inf	-Inf	116.29	3	Vertical	236	1.80	-	33.63	5.33	32.14
AV	5.2672G	113.15	Inf	-Inf	106.33	3	Vertical	236	1.80	-	33.63	5.33	32.14
PK	5.3524G	59.17	74.00	-14.83	52.23	3	Vertical	236	1.80	-	33.70	5.38	32.14
AV	5.3524G	45.60	54.00	-8.40	38.66	3	Vertical	236	1.80	-	33.70	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

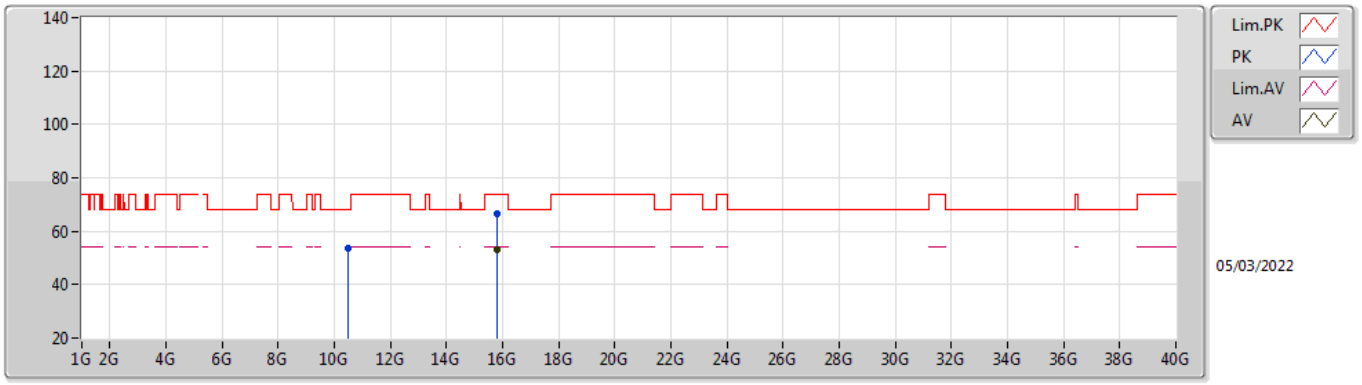


EUT Y_4TX
Setting 23
02-B-S-8-10

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	5.143G	57.33	74.00	-16.67	50.74	3	Horizontal	320	1.92	-	33.50	5.24	32.15
AV	5.1148G	44.25	54.00	-9.75	37.69	3	Horizontal	320	1.92	-	33.50	5.21	32.15
PK	5.254G	115.51	Inf	-Inf	108.71	3	Horizontal	320	1.92	-	33.61	5.33	32.14
AV	5.2546G	105.50	Inf	-Inf	98.70	3	Horizontal	320	1.92	-	33.61	5.33	32.14
PK	5.3824G	57.08	74.00	-16.92	50.07	3	Horizontal	320	1.92	-	33.76	5.39	32.14
AV	5.3536G	44.39	54.00	-9.61	37.44	3	Horizontal	320	1.92	-	33.71	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

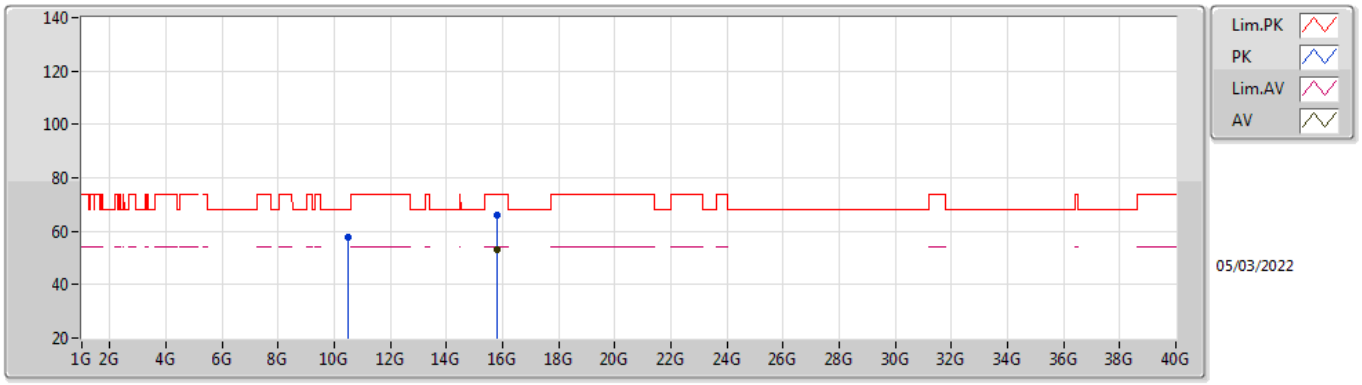


EUT Y_4TX
Setting 23
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.51406G	53.81	68.20	-14.39	40.95	3	Vertical	104	1.80	-	38.41	7.51	33.06
PK	15.7824G	66.44	74.00	-7.56	52.62	3	Vertical	97	1.83	-	37.40	9.90	33.48
AV	15.7822G	53.31	54.00	-0.69	39.49	3	Vertical	97	1.83	-	37.40	9.90	33.48

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

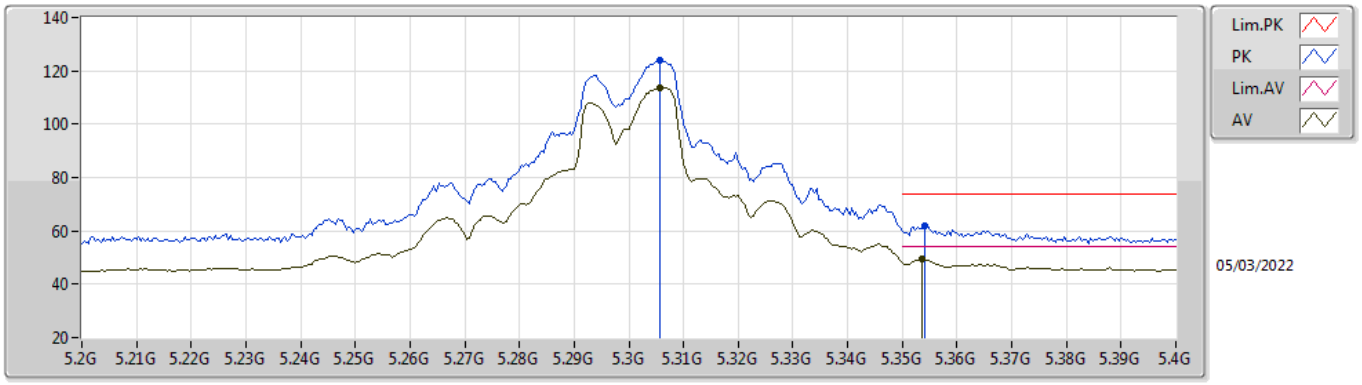


EUT Y_4TX
Setting 23
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.51634G	57.64	68.20	-10.56	44.77	3	Horizontal	135	1.58	-	38.42	7.51	33.06
PK	15.7824G	66.10	74.00	-7.90	52.28	3	Horizontal	110	2.60	-	37.40	9.90	33.48
AV	15.7823G	53.16	54.00	-0.84	39.34	3	Horizontal	110	2.60	-	37.40	9.90	33.48

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

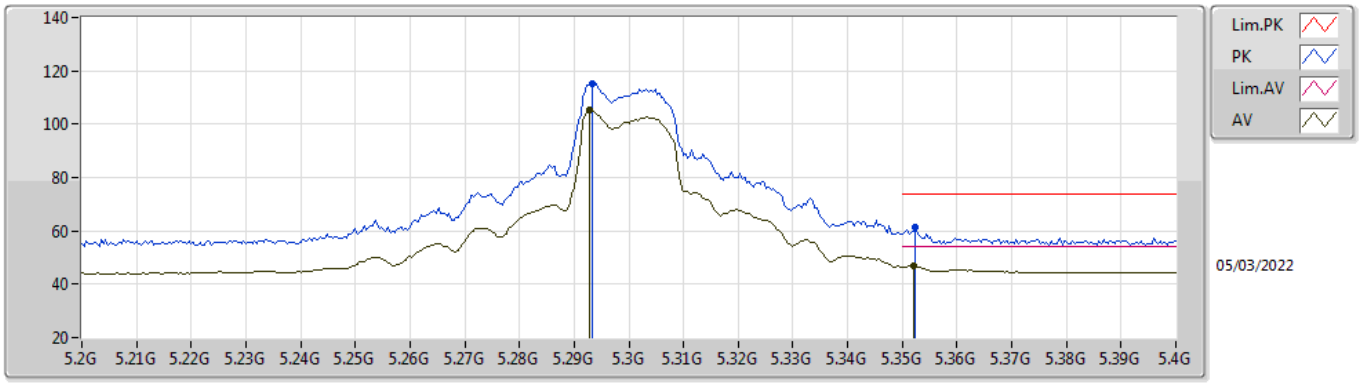


EUT Y_4TX
Setting 23.5
02-B-S-8-10

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	5.3056G	124.20	Inf	-Inf	117.29	3	Vertical	237	1.78	-	33.70	5.35	32.14
AV	5.3056G	113.72	Inf	-Inf	106.81	3	Vertical	237	1.78	-	33.70	5.35	32.14
PK	5.354G	61.86	74.00	-12.14	54.91	3	Vertical	237	1.78	-	33.71	5.38	32.14
AV	5.3536G	49.25	54.00	-4.75	42.30	3	Vertical	237	1.78	-	33.71	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

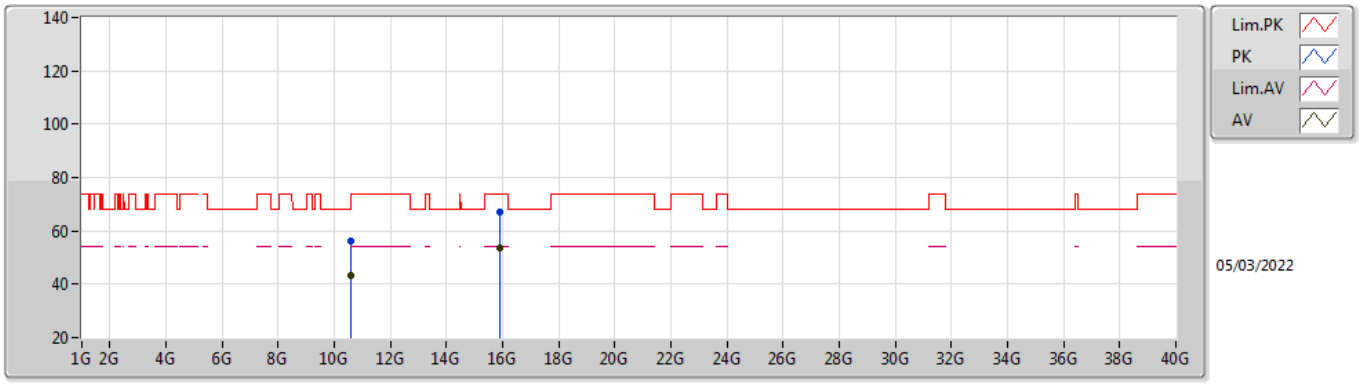


EUT Y_4TX
Setting 23.5
02-B-S-8-10

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	5.2932G	115.31	Inf	-Inf	108.41	3	Horizontal	318	1.71	-	33.69	5.35	32.14
AV	5.2928G	105.13	Inf	-Inf	98.23	3	Horizontal	318	1.71	-	33.69	5.35	32.14
PK	5.3524G	61.62	74.00	-12.38	54.68	3	Horizontal	318	1.71	-	33.70	5.38	32.14
AV	5.352G	47.07	54.00	-6.93	40.13	3	Horizontal	318	1.71	-	33.70	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

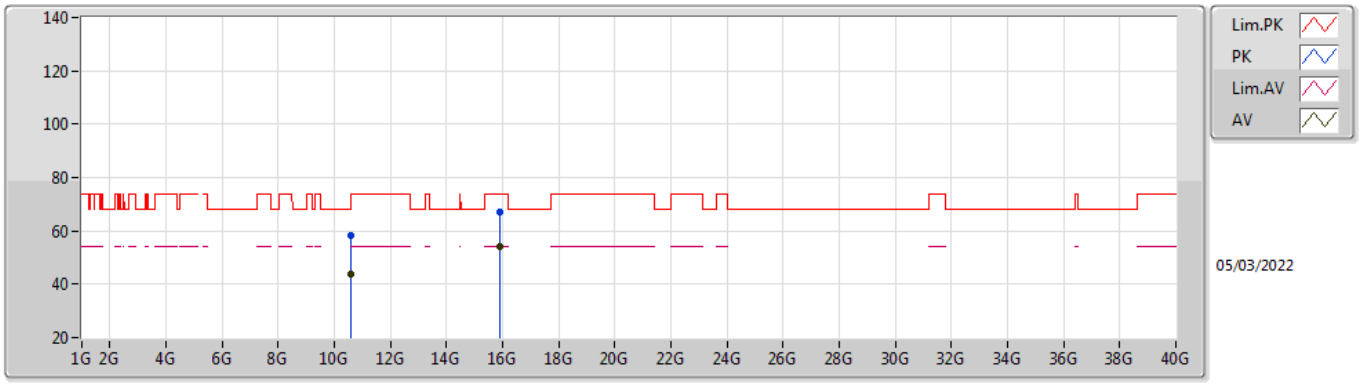


EUT Y_4TX
Setting 23.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.6048G	56.19	74.00	-17.81	43.25	3	Vertical	104	1.89	-	38.50	7.54	33.10
AV	10.60402G	43.10	54.00	-10.90	30.16	3	Vertical	104	1.89	-	38.50	7.54	33.10
PK	15.8981G	67.19	74.00	-6.81	53.36	3	Vertical	95	1.84	-	37.50	9.95	33.62
AV	15.8983G	53.83	54.00	-0.17	40.00	3	Vertical	95	1.84	-	37.50	9.95	33.62

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

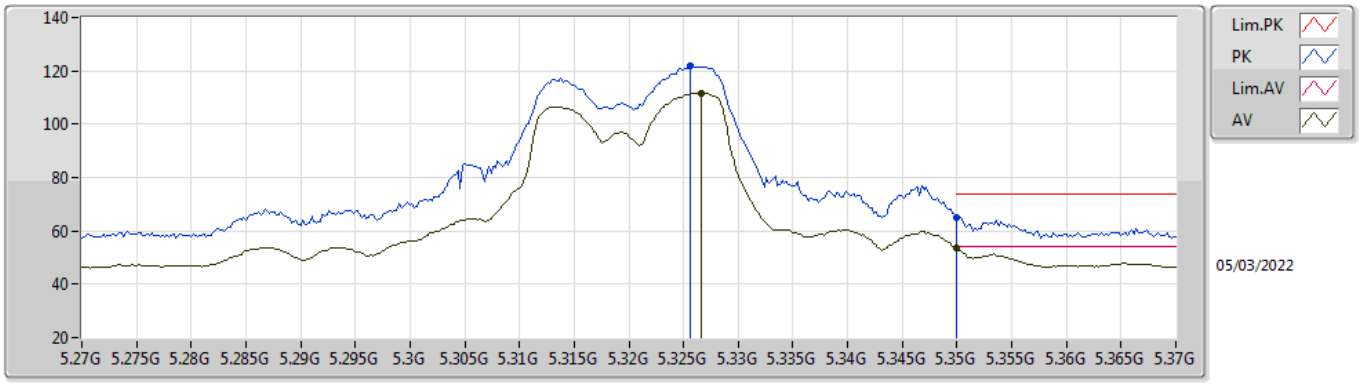


EUT Y_4TX
Setting 23.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.60156G	58.30	74.00	-15.70	45.35	3	Horizontal	100	1.57	-	38.50	7.54	33.09
AV	10.6018G	43.91	54.00	-10.09	30.96	3	Horizontal	100	1.57	-	38.50	7.54	33.09
PK	15.8984G	66.99	74.00	-7.01	53.16	3	Horizontal	173	1.30	-	37.50	9.95	33.62
AV	15.8975G	53.97	54.00	-0.03	40.14	3	Horizontal	173	1.30	-	37.50	9.95	33.62

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

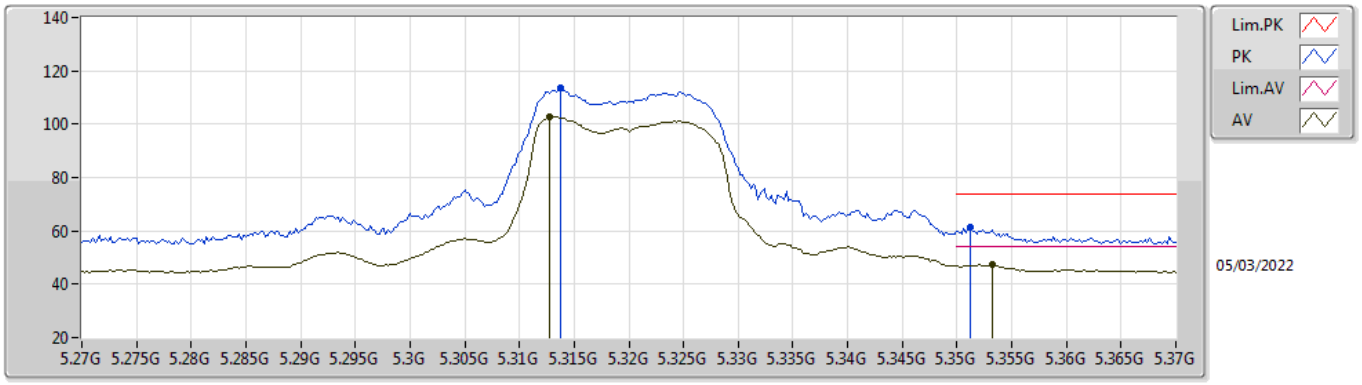


EUT Y_4TX
Setting 21.5
02-B-S-8-10

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	5.3256G	121.69	Inf	-Inf	114.77	3	Vertical	234	1.88	-	33.70	5.36	32.14
AV	5.3266G	111.75	Inf	-Inf	104.83	3	Vertical	234	1.88	-	33.70	5.36	32.14
PK	5.35G	65.12	74.00	-8.88	58.18	3	Vertical	234	1.88	-	33.70	5.38	32.14
AV	5.35G	53.65	54.00	-0.35	46.71	3	Vertical	234	1.88	-	33.70	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

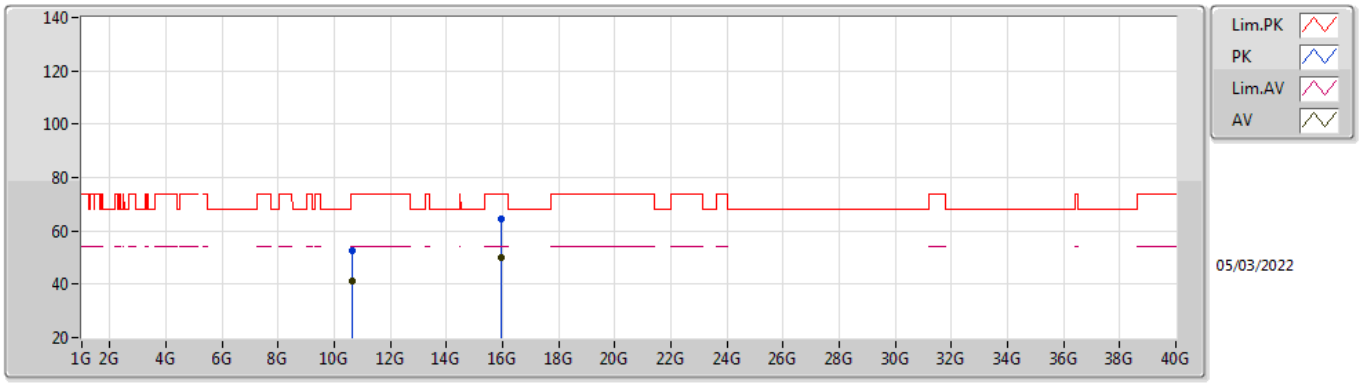


EUT Y_4TX
Setting 21.5
02-B-S-8-10

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	113.38	Inf	-Inf	106.46	3	Horizontal	317	1.80	-	33.70	5.36	32.14
AV	5.3128G	102.59	Inf	-Inf	95.67	3	Horizontal	317	1.80	-	33.70	5.36	32.14
PK	5.3512G	61.59	74.00	-12.41	54.65	3	Horizontal	317	1.80	-	33.70	5.38	32.14
AV	5.3532G	47.24	54.00	-6.76	40.29	3	Horizontal	317	1.80	-	33.71	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

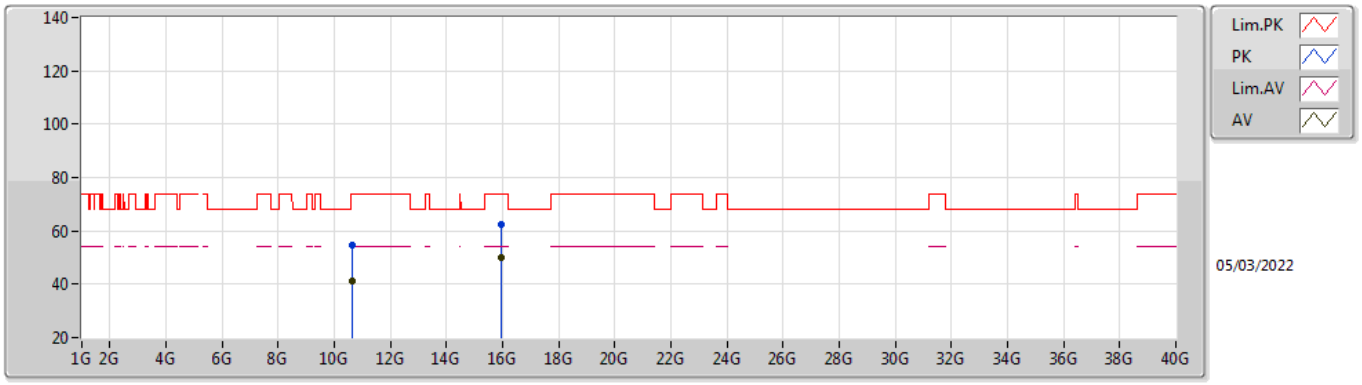


EUT Y_4TX
Setting 21.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.63982G	52.33	74.00	-21.67	39.42	3	Vertical	138	1.79	-	38.46	7.56	33.11
AV	10.64012G	41.29	54.00	-12.71	28.38	3	Vertical	138	1.79	-	38.46	7.56	33.11
PK	15.9583G	64.40	74.00	-9.60	50.67	3	Vertical	95	1.83	-	37.44	9.98	33.69
AV	15.9588G	50.13	54.00	-3.87	36.40	3	Vertical	95	1.83	-	37.44	9.98	33.69

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

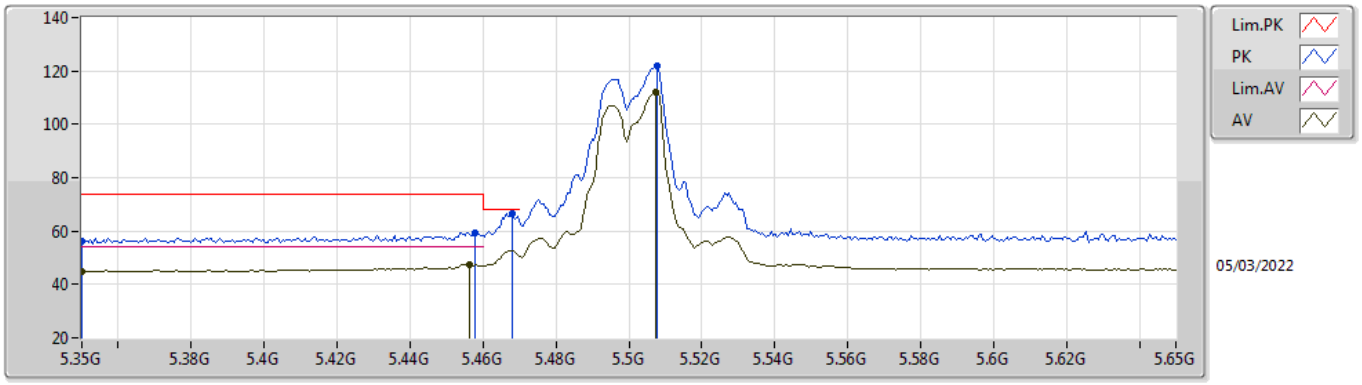


EUT Y_4TX
Setting 21.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.64222G	54.69	74.00	-19.31	41.78	3	Horizontal	99	2.18	-	38.46	7.56	33.11
AV	10.64216G	41.16	54.00	-12.84	28.25	3	Horizontal	99	2.18	-	38.46	7.56	33.11
PK	15.9583G	62.16	74.00	-11.84	48.43	3	Horizontal	85	1.48	-	37.44	9.98	33.69
AV	15.9584G	49.97	54.00	-4.03	36.24	3	Horizontal	85	1.48	-	37.44	9.98	33.69

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

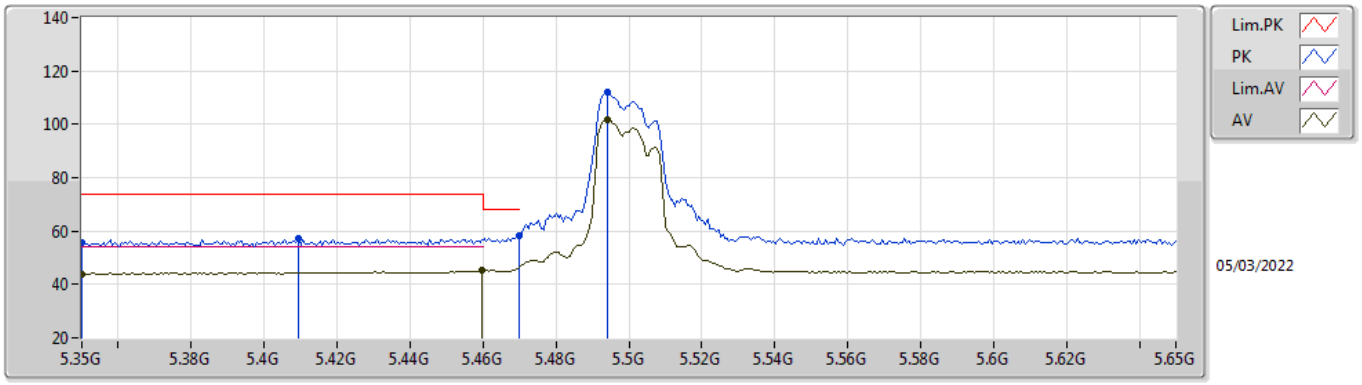


EUT Y_4TX
Setting 20
02-B-S-8-10

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	5.35G	56.27	74.00	-17.73	49.34	3	Vertical	238	2.15	-	33.70	5.37	32.14
AV	5.35G	44.82	54.00	-9.18	37.89	3	Vertical	238	2.15	-	33.70	5.37	32.14
PK	5.458G	59.32	74.00	-14.68	52.09	3	Vertical	238	2.15	-	33.90	5.46	32.13
AV	5.4562G	47.26	54.00	-6.74	40.03	3	Vertical	238	2.15	-	33.90	5.46	32.13
PK	5.4682G	66.68	68.20	-1.52	59.44	3	Vertical	238	2.15	-	33.90	5.47	32.13
PK	5.5078G	122.03	Inf	-Inf	114.75	3	Vertical	238	2.15	-	33.90	5.51	32.13
AV	5.5072G	112.11	Inf	-Inf	104.83	3	Vertical	238	2.15	-	33.90	5.51	32.13

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

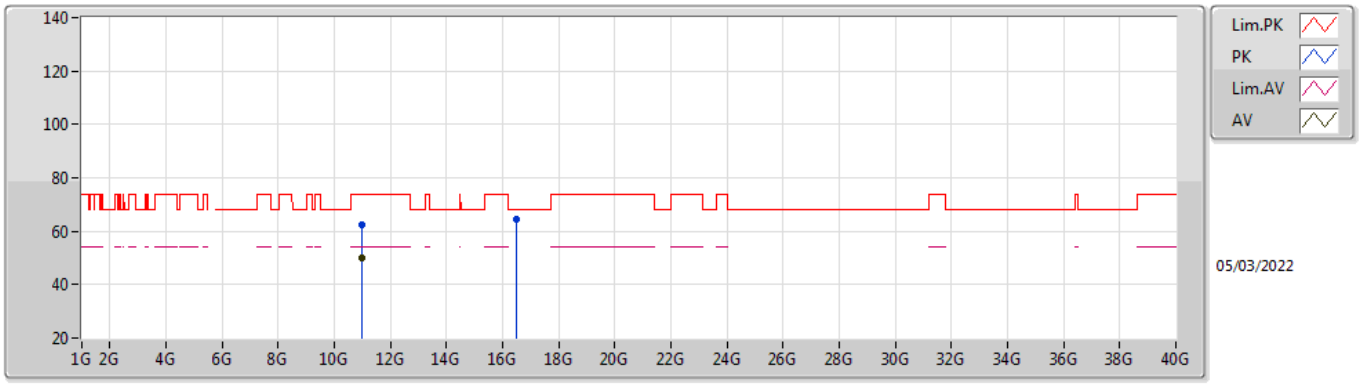


EUT Y_4TX
Setting 20
02-B-S-8-10

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	5.35G	55.62	74.00	-18.38	48.69	3	Horizontal	323	2.18	-	33.70	5.37	32.14
AV	5.35G	43.89	54.00	-10.11	36.96	3	Horizontal	323	2.18	-	33.70	5.37	32.14
PK	5.4094G	57.21	74.00	-16.79	50.12	3	Horizontal	323	2.18	-	33.82	5.41	32.14
PK	5.47G	58.21	68.20	-9.99	50.97	3	Horizontal	323	2.18	-	33.90	5.47	32.13
AV	5.4598G	45.12	54.00	-8.88	37.89	3	Horizontal	323	2.18	-	33.90	5.46	32.13
PK	5.494G	112.27	Inf	-Inf	105.01	3	Horizontal	323	2.18	-	33.90	5.49	32.13
AV	5.494G	101.57	Inf	-Inf	94.31	3	Horizontal	323	2.18	-	33.90	5.49	32.13

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

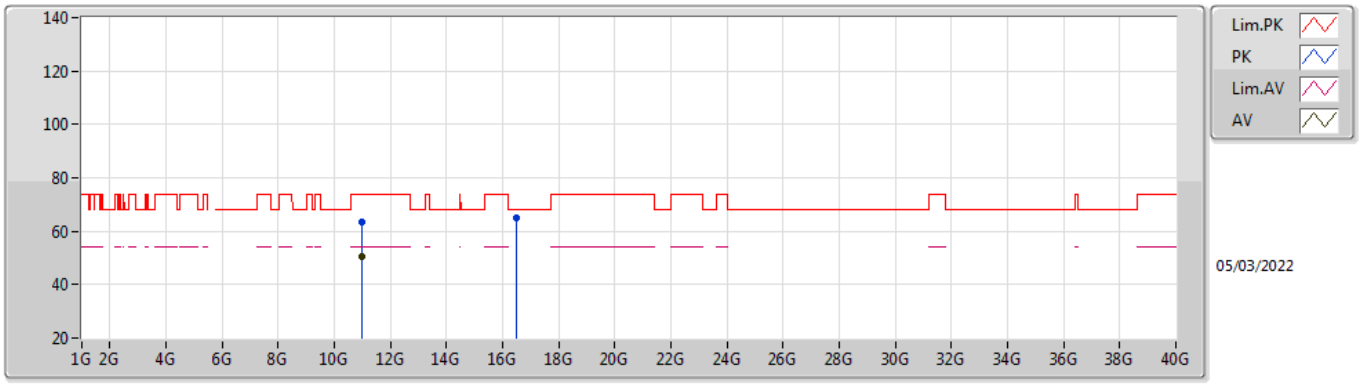


EUT Y_4TX
Setting 20
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.0068G	62.47	74.00	-11.53	49.53	3	Vertical	84	1.98	-	38.51	7.70	33.27
AV	11.0061G	50.25	54.00	-3.75	37.31	3	Vertical	84	1.98	-	38.51	7.70	33.27
PK	16.5077G	64.69	68.20	-3.51	48.75	3	Vertical	129	1.92	-	38.77	10.25	33.08

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

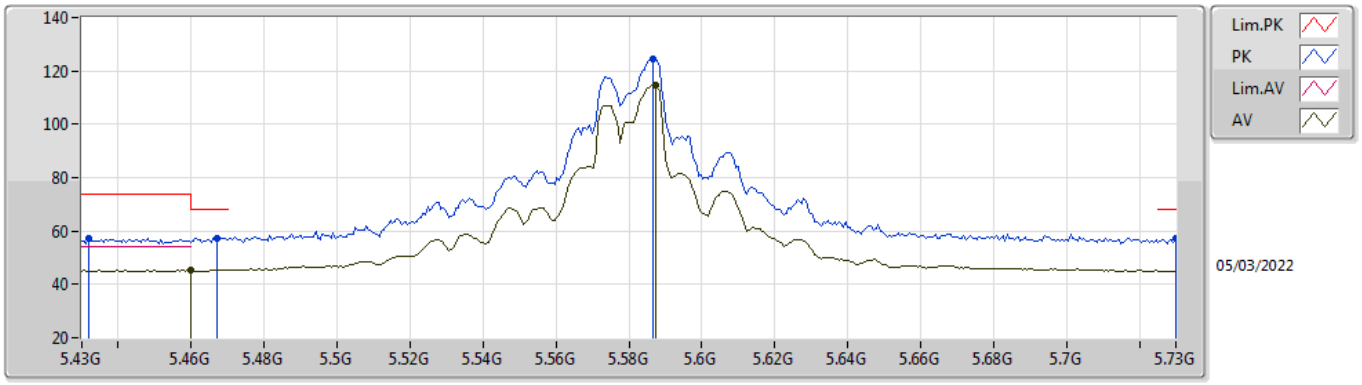


EUT Y_4TX
Setting 20
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.9946G	63.28	74.00	-10.72	50.36	3	Horizontal	74	1.80	-	38.49	7.70	33.27
AV	11.0061G	50.43	54.00	-3.57	37.49	3	Horizontal	74	1.80	-	38.51	7.70	33.27
PK	16.5047G	64.98	68.20	-3.22	49.06	3	Horizontal	129	1.40	-	38.74	10.25	33.07

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

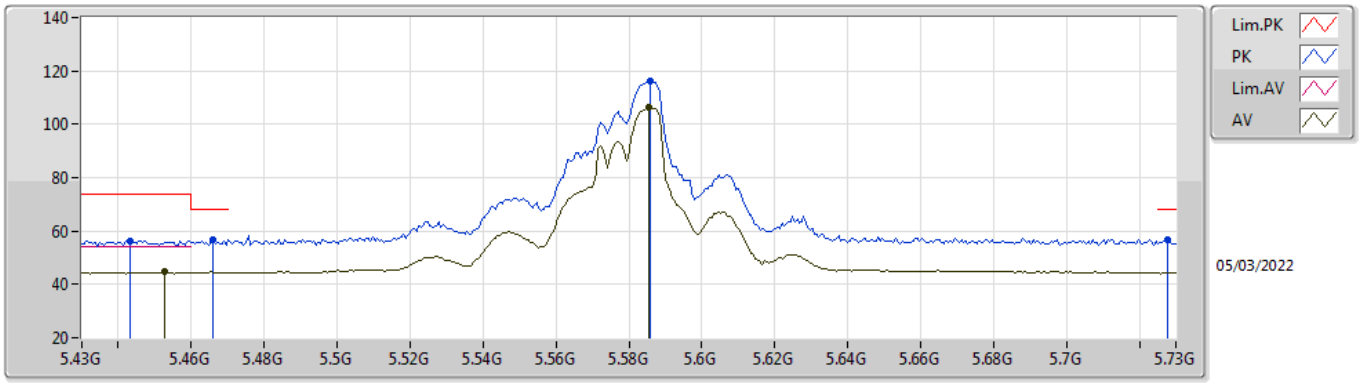


EUT Y_4TX
Setting 23.5
02-B-S-8-10

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	5.4318G	57.14	74.00	-16.86	49.98	3	Vertical	233	1.77	-	33.86	5.43	32.13
PK	5.4672G	57.32	68.20	-10.88	50.08	3	Vertical	233	1.77	-	33.90	5.47	32.13
AV	5.46G	45.24	54.00	-8.76	38.01	3	Vertical	233	1.77	-	33.90	5.46	32.13
PK	5.5866G	124.69	Inf	-Inf	117.34	3	Vertical	233	1.77	-	33.90	5.59	32.14
AV	5.5872G	114.66	Inf	-Inf	107.31	3	Vertical	233	1.77	-	33.90	5.59	32.14
PK	5.73G	57.31	68.20	-10.89	50.09	3	Vertical	233	1.77	-	33.76	5.60	32.14

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

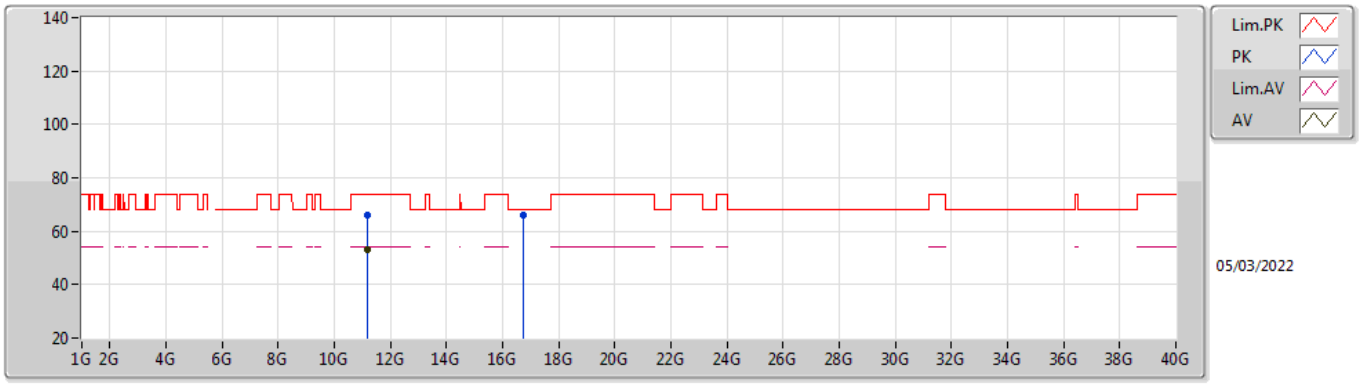


EUT Y_4TX
Setting 23.5
02-B-S-8-10

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	5.4432G	56.44	74.00	-17.56	49.24	3	Horizontal	243	1.33	-	33.89	5.44	32.13
AV	5.4528G	44.58	54.00	-9.42	37.36	3	Horizontal	243	1.33	-	33.90	5.45	32.13
PK	5.466G	56.83	68.20	-11.37	49.59	3	Horizontal	243	1.33	-	33.90	5.47	32.13
PK	5.586G	116.30	Inf	-Inf	108.95	3	Horizontal	243	1.33	-	33.90	5.59	32.14
AV	5.5854G	106.20	Inf	-Inf	98.85	3	Horizontal	243	1.33	-	33.90	5.59	32.14
PK	5.7276G	56.62	68.20	-11.58	49.40	3	Horizontal	243	1.33	-	33.76	5.60	32.14

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

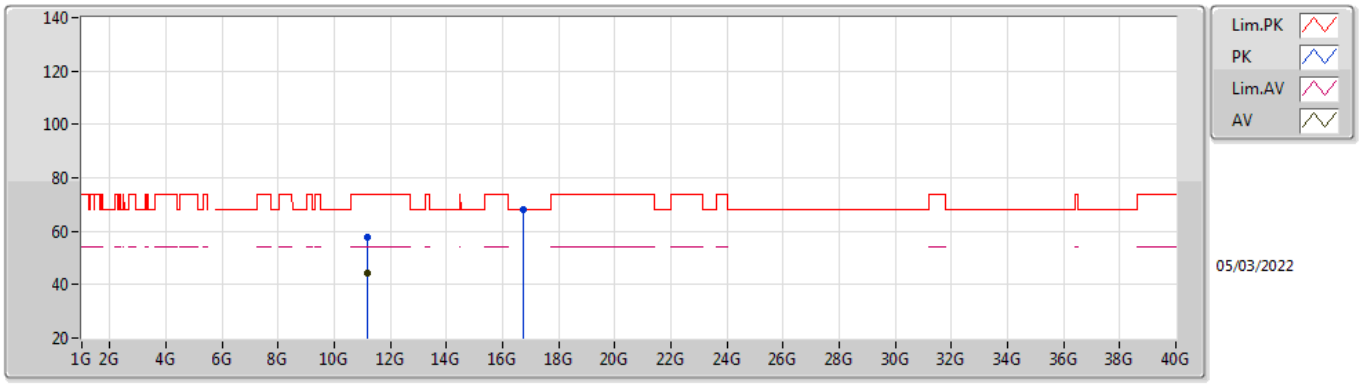


EUT Y_4TX
Setting 23.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.1618G	66.19	74.00	-7.81	53.02	3	Vertical	66	2.21	-	38.66	7.76	33.25
AV	11.162G	53.08	54.00	-0.92	39.91	3	Vertical	66	2.21	-	38.66	7.76	33.25
PK	16.741G	65.91	68.20	-2.29	48.89	3	Vertical	117	2.45	-	39.95	10.37	33.30

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

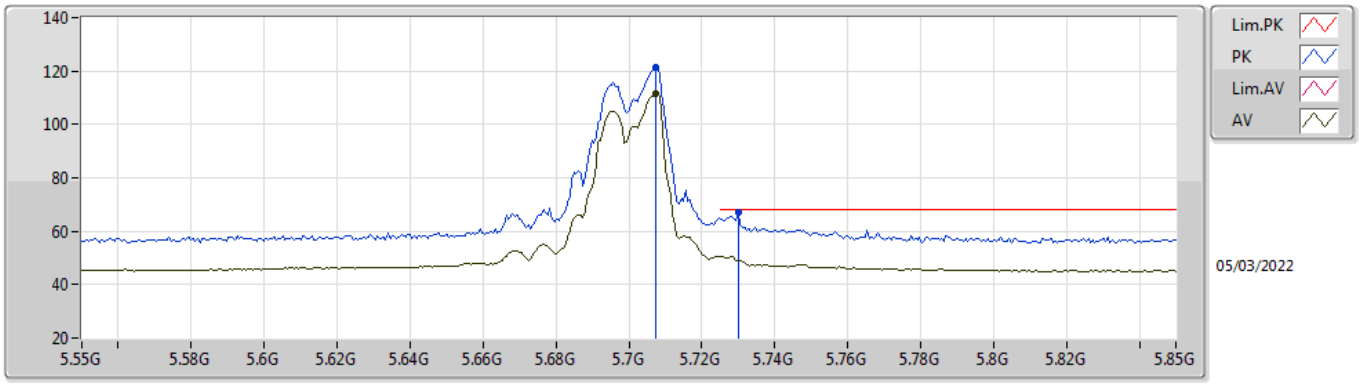


EUT Y_4TX
Setting 23.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.1612G	57.95	74.00	-16.05	44.78	3	Horizontal	73	2.88	-	38.66	7.76	33.25
AV	11.1605G	44.10	54.00	-9.90	30.93	3	Horizontal	73	2.88	-	38.66	7.76	33.25
PK	16.7408G	68.19	68.20	-0.01	51.18	3	Horizontal	128	1.40	-	39.94	10.37	33.30

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

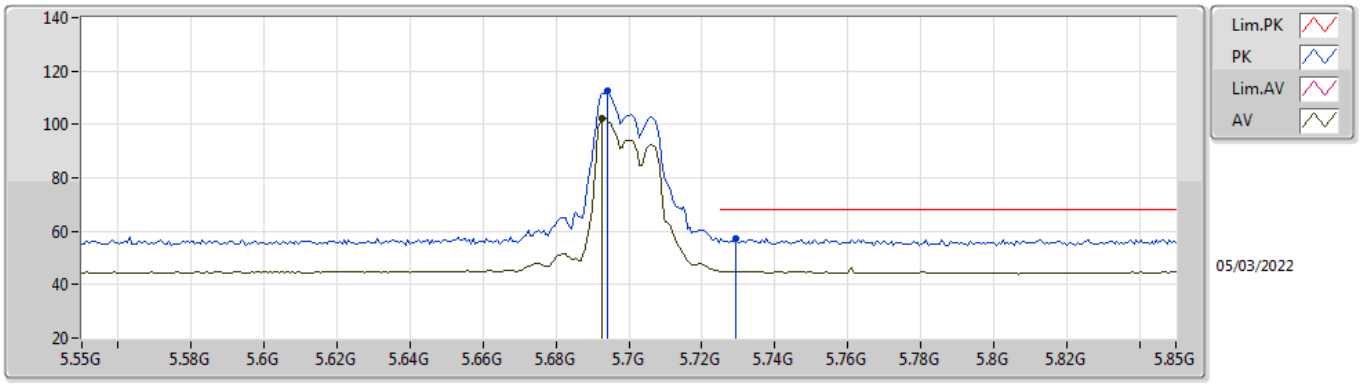


EUT Y_4TX
Setting 21
02-B-S-8-10

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	5.7072G	121.38	Inf	-Inf	114.21	3	Vertical	237	1.97	-	33.71	5.60	32.14
AV	5.7072G	111.53	Inf	-Inf	104.36	3	Vertical	237	1.97	-	33.71	5.60	32.14
PK	5.73G	67.00	68.20	-1.20	59.78	3	Vertical	237	1.97	-	33.76	5.60	32.14

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

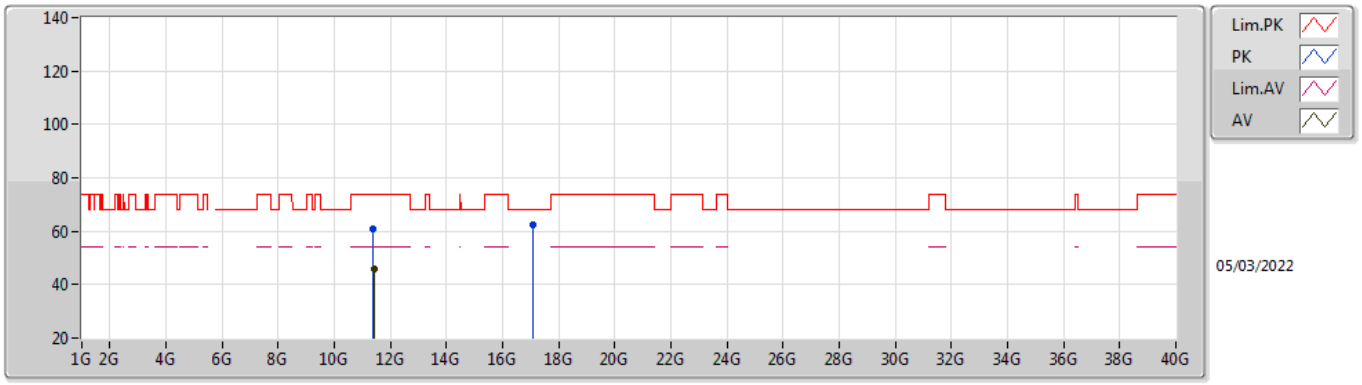


EUT Y_4TX
Setting 21
02-B-S-8-10

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	5.694G	112.71	Inf	-Inf	105.54	3	Horizontal	320	2.06	-	33.71	5.60	32.14
AV	5.6928G	102.13	Inf	-Inf	94.96	3	Horizontal	320	2.06	-	33.71	5.60	32.14
PK	5.7294G	57.28	68.20	-10.92	50.06	3	Horizontal	320	2.06	-	33.76	5.60	32.14

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

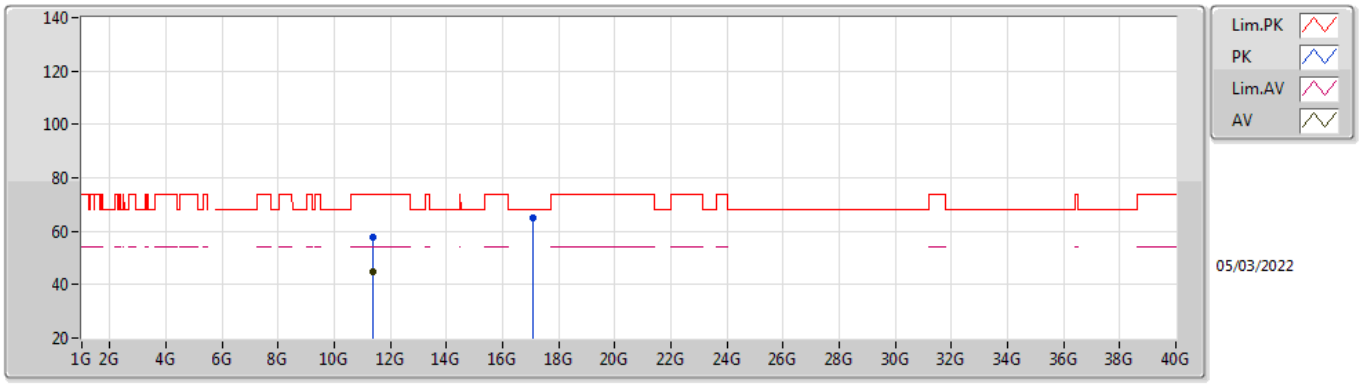


EUT Y_4TX
Setting 21
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4007G	61.10	74.00	-12.90	47.67	3	Vertical	70	2.23	-	38.80	7.86	33.23
AV	11.4021G	46.11	54.00	-7.89	32.68	3	Vertical	70	2.23	-	38.80	7.86	33.23
PK	17.1049G	62.65	68.20	-5.55	44.19	3	Vertical	115	2.46	-	41.33	10.55	33.42

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

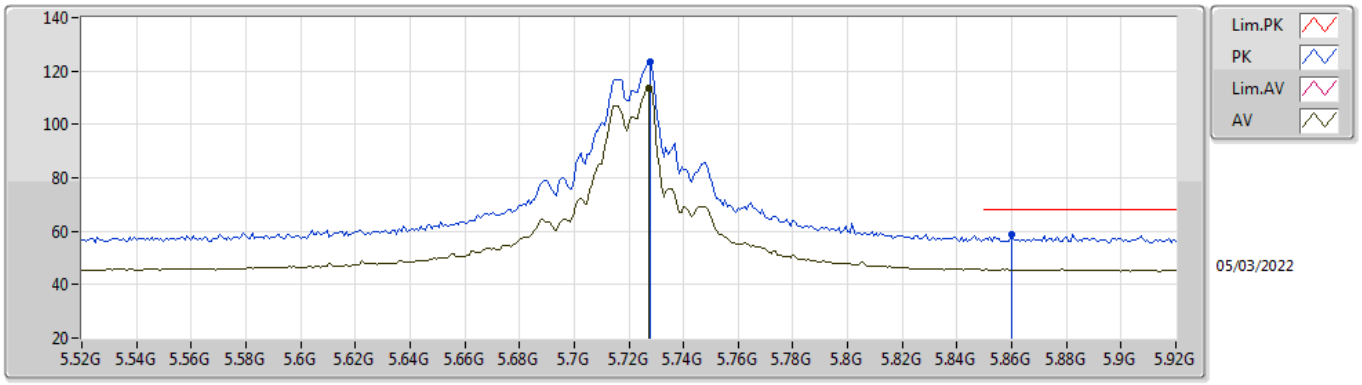


EUT Y_4TX
Setting 21
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.3991G	57.77	74.00	-16.23	44.34	3	Horizontal	117	1.93	-	38.80	7.86	33.23
AV	11.3985G	44.93	54.00	-9.07	31.50	3	Horizontal	117	1.93	-	38.80	7.86	33.23
PK	17.0974G	65.05	68.20	-3.15	46.63	3	Horizontal	126	1.40	-	41.30	10.55	33.43

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

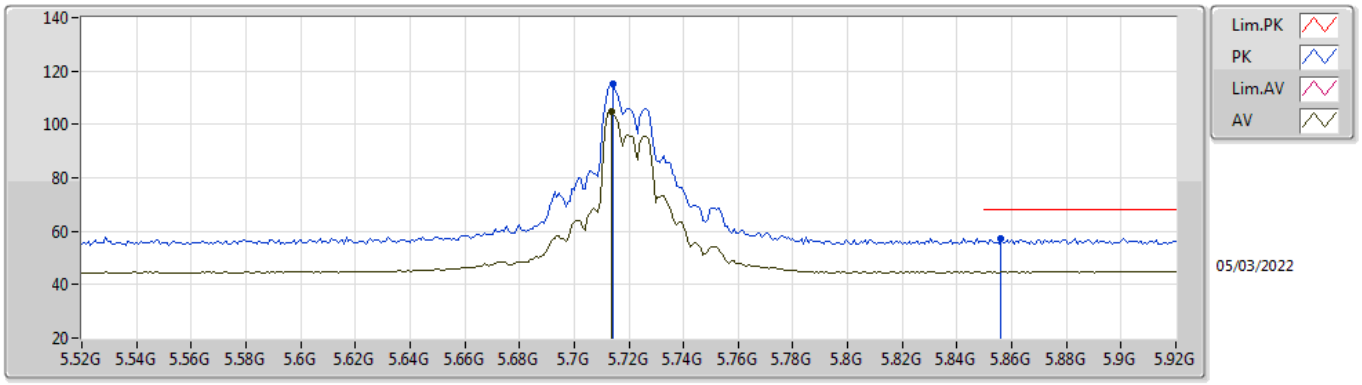


EUT Y_4TX
Setting 23.5
02-B-S-8-10

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	5.728G	123.63	Inf	-Inf	116.41	3	Vertical	238	2.02	-	33.76	5.60	32.14
AV	5.7272G	113.77	Inf	-Inf	106.56	3	Vertical	238	2.02	-	33.75	5.60	32.14
PK	5.86G	58.72	68.20	-9.48	51.37	3	Vertical	238	2.02	-	33.84	5.66	32.15

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

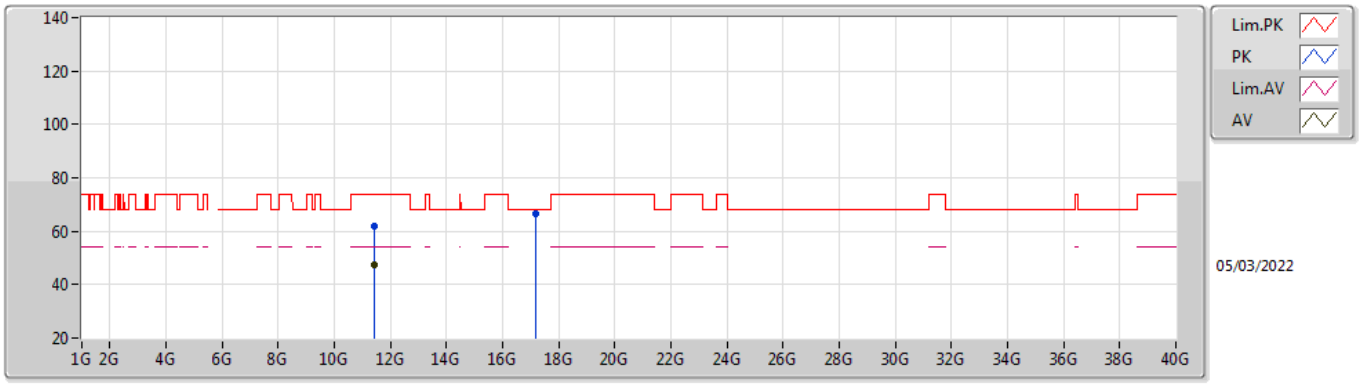


EUT Y_4TX
Setting 23.5
02-B-S-8-10

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	5.7144G	115.32	Inf	-Inf	108.13	3	Horizontal	322	1.95	-	33.73	5.60	32.14
AV	5.7136G	104.78	Inf	-Inf	97.59	3	Horizontal	322	1.95	-	33.73	5.60	32.14
PK	5.856G	57.18	68.20	-11.02	49.85	3	Horizontal	322	1.95	-	33.82	5.66	32.15

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

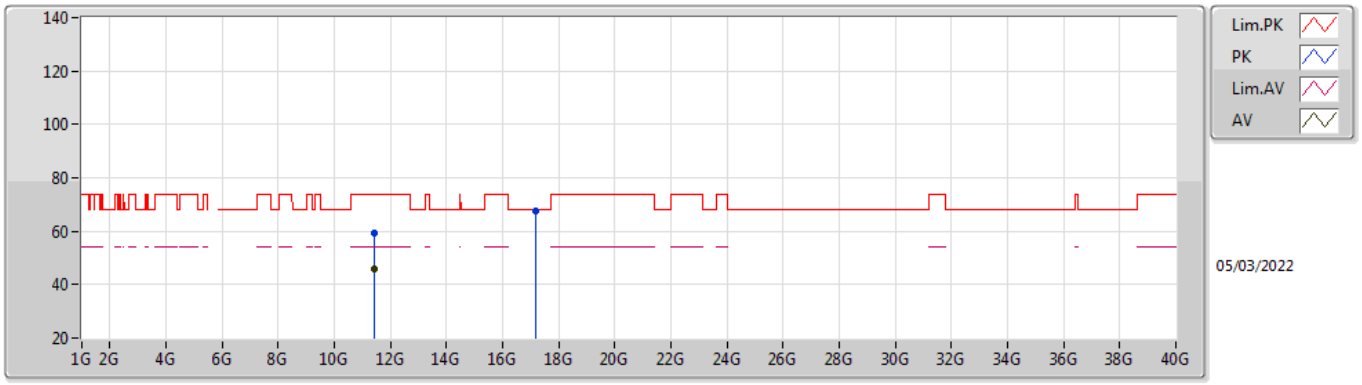


EUT Y_4TX
Setting 23.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4322G	62.13	74.00	-11.87	48.63	3	Vertical	76	2.88	-	38.86	7.87	33.23
AV	11.4338G	47.28	54.00	-6.72	33.77	3	Vertical	76	2.88	-	38.87	7.87	33.23
PK	17.1648G	66.35	68.20	-1.85	47.37	3	Vertical	128	1.64	-	41.75	10.58	33.35

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

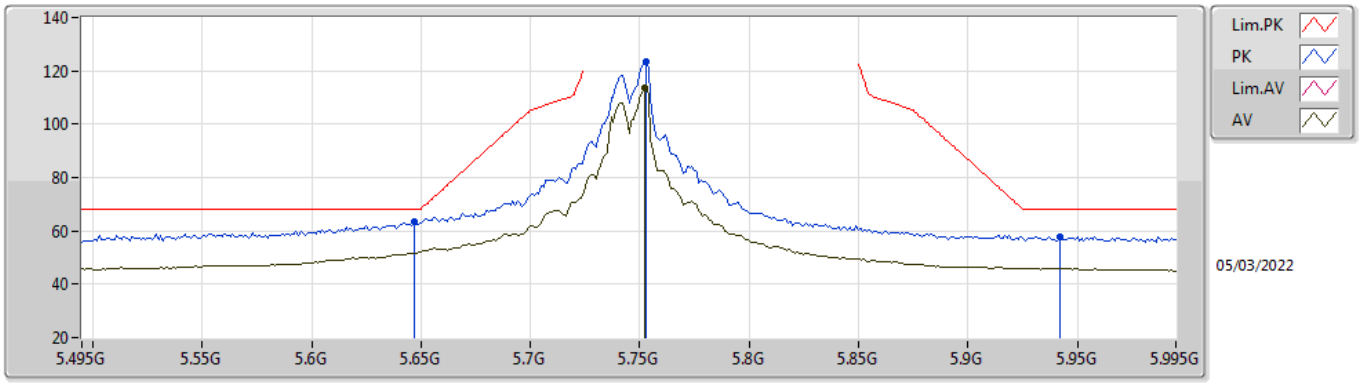


EUT Y_4TX
Setting 23.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4408G	59.23	74.00	-14.77	45.70	3	Horizontal	120	1.92	-	38.88	7.88	33.23
AV	11.4404G	45.66	54.00	-8.34	32.13	3	Horizontal	120	1.92	-	38.88	7.88	33.23
PK	17.1574G	67.70	68.20	-0.50	48.78	3	Horizontal	121	1.75	-	41.70	10.58	33.36

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

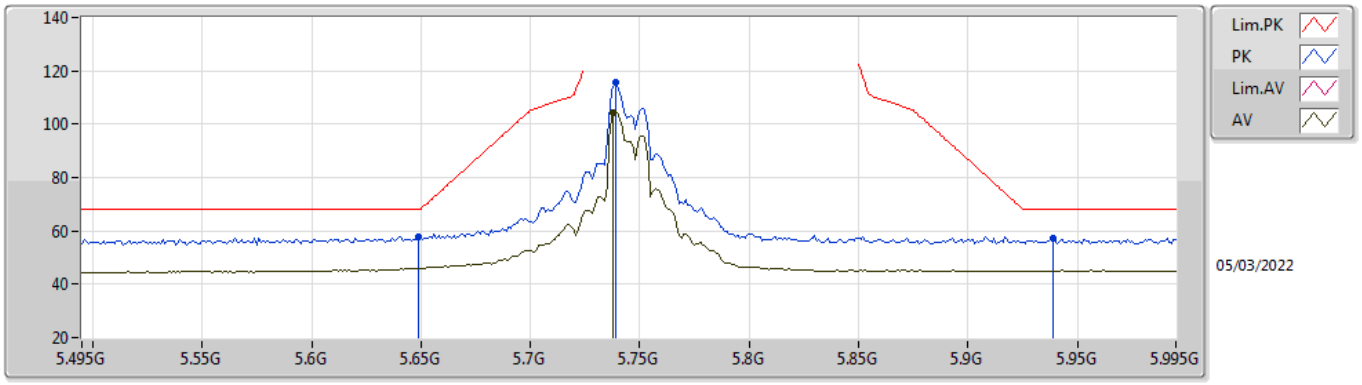


EUT Y_4TX
Setting 23.5
02-B-S-8-10

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	5.647G	63.58	68.20	-4.62	56.31	3	Vertical	237	1.80	-	33.81	5.60	32.14
PK	5.753G	123.68	Inf	-Inf	116.44	3	Vertical	237	1.80	-	33.79	5.60	32.15
AV	5.752G	113.70	Inf	-Inf	106.45	3	Vertical	237	1.80	-	33.80	5.60	32.15
PK	5.942G	57.93	68.20	-10.27	50.27	3	Vertical	237	1.80	-	34.08	5.74	32.16

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

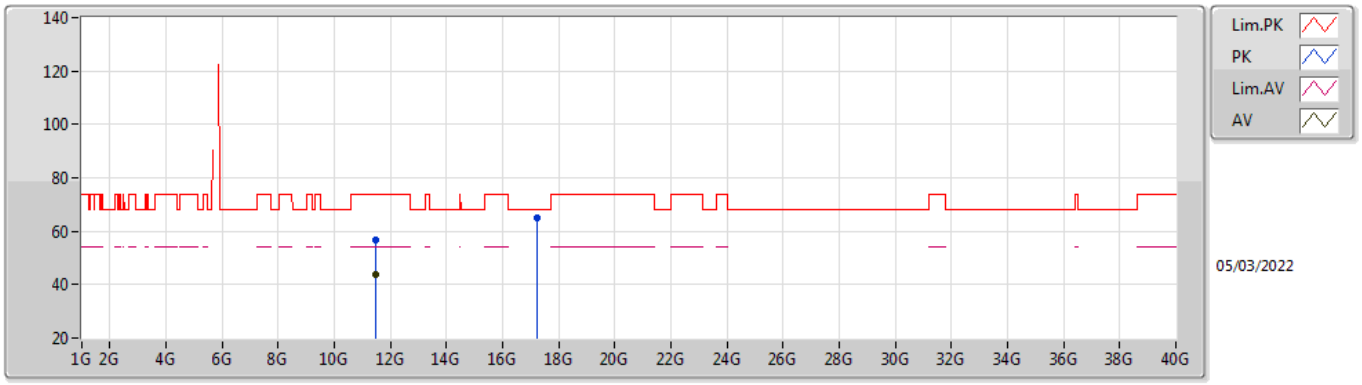


EUT Y_4TX
Setting 23.5
02-B-S-8-10

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	5.649G	57.90	68.20	-10.30	50.64	3	Horizontal	322	2.11	-	33.80	5.60	32.14
PK	5.739G	115.63	Inf	-Inf	108.39	3	Horizontal	322	2.11	-	33.78	5.60	32.14
AV	5.738G	104.54	Inf	-Inf	97.30	3	Horizontal	322	2.11	-	33.78	5.60	32.14
PK	5.939G	57.36	68.20	-10.84	49.70	3	Horizontal	322	2.11	-	34.08	5.74	32.16

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

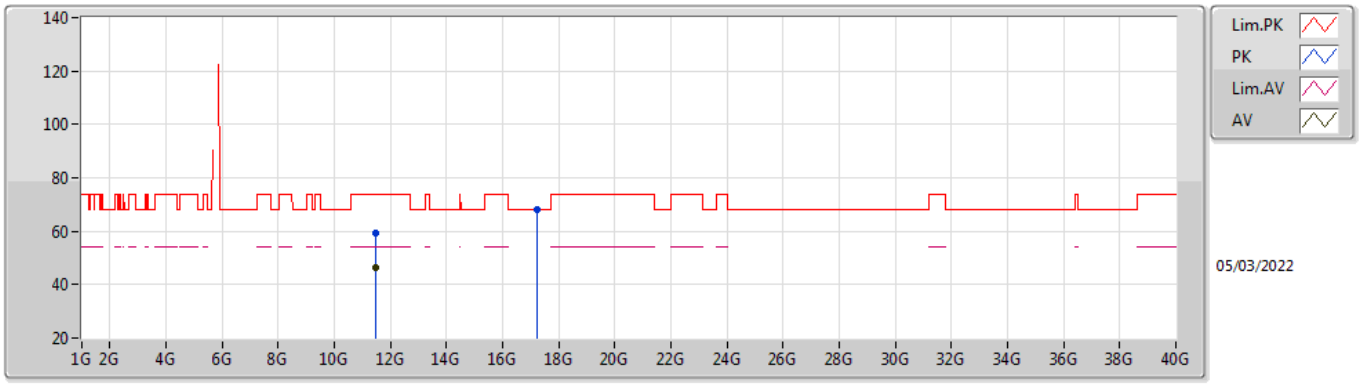


EUT Y_4TX
Setting 23.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4777G	56.96	74.00	-17.04	43.33	3	Vertical	63	2.85	-	38.96	7.89	33.22
AV	11.4973G	43.69	54.00	-10.31	30.02	3	Vertical	63	2.85	-	38.99	7.90	33.22
PK	17.2416G	64.85	68.20	-3.35	45.37	3	Vertical	131	1.93	-	42.12	10.62	33.26

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

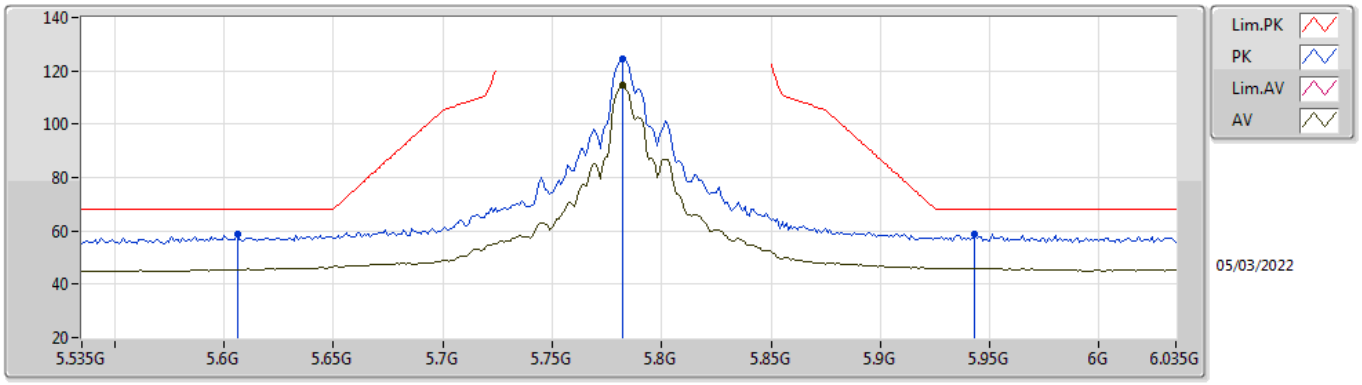


EUT Y_4TX
Setting 23.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4909G	59.20	74.00	-14.80	45.54	3	Horizontal	118	1.86	-	38.98	7.90	33.22
AV	11.4901G	46.34	54.00	-7.66	32.68	3	Horizontal	118	1.86	-	38.98	7.90	33.22
PK	17.2335G	68.12	68.20	-0.08	48.67	3	Horizontal	123	1.36	-	42.10	10.62	33.27

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

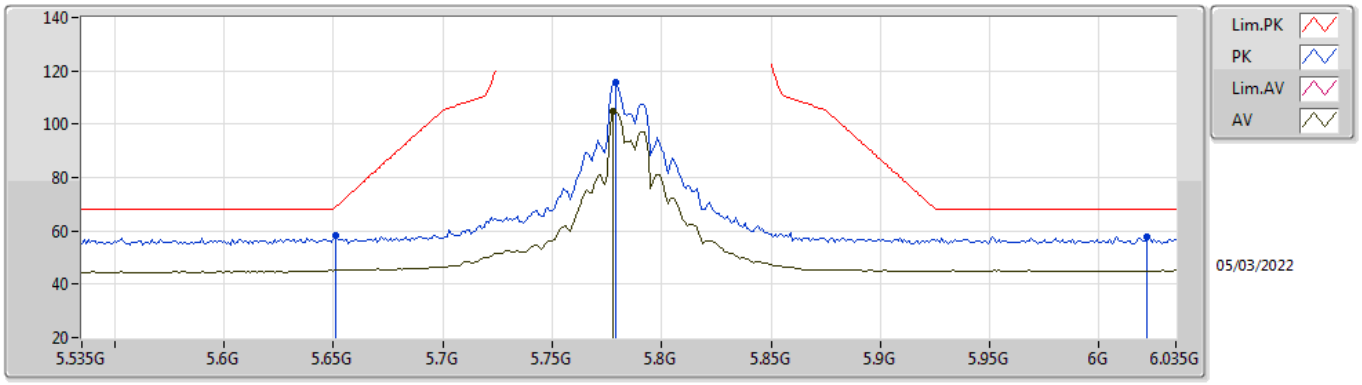


EUT Y_4TX
Setting 23.5
02-B-S-8-10

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	5.606G	58.54	68.20	-9.66	51.19	3	Vertical	352	2.47	-	33.89	5.60	32.14
PK	5.782G	124.47	Inf	-Inf	117.28	3	Vertical	352	2.47	-	33.74	5.60	32.15
AV	5.782G	114.50	Inf	-Inf	107.31	3	Vertical	352	2.47	-	33.74	5.60	32.15
PK	5.943G	58.88	68.20	-9.32	51.21	3	Vertical	352	2.47	-	34.09	5.74	32.16

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

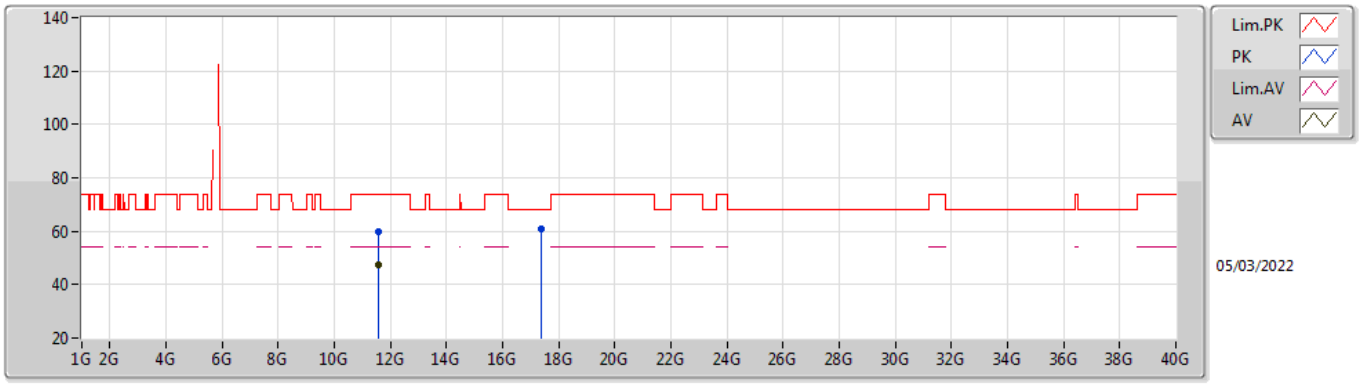


EUT Y_4TX
Setting 23.5
02-B-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.651G	58.20	68.94	-10.74	50.94	3	Horizontal	324	1.99	-	33.80	5.60	32.14
PK	5.779G	115.89	Inf	-Inf	108.70	3	Horizontal	324	1.99	-	33.74	5.60	32.15
AV	5.778G	104.90	Inf	-Inf	97.71	3	Horizontal	324	1.99	-	33.74	5.60	32.15
PK	6.022G	57.83	68.20	-10.37	50.00	3	Horizontal	324	1.99	-	34.19	5.80	32.16

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

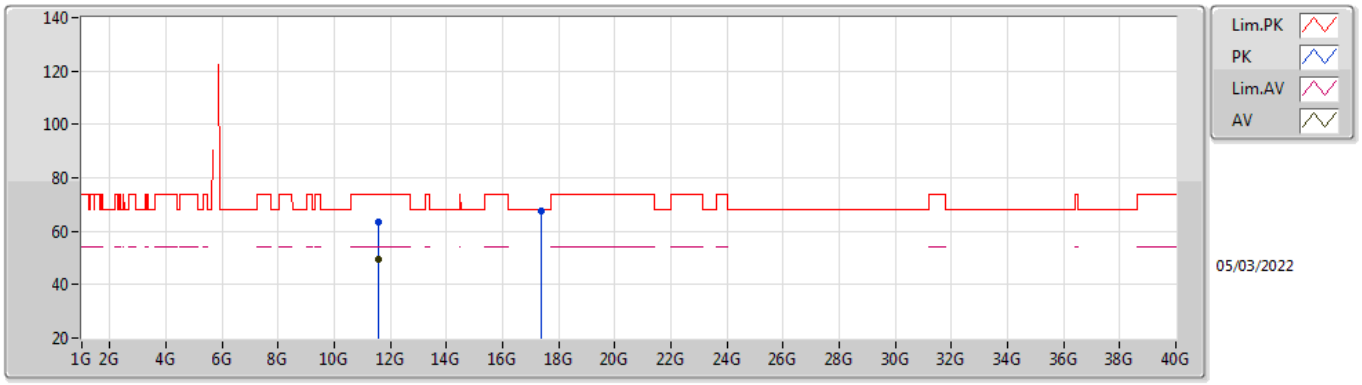


EUT Y_4TX
Setting 23.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.563G	60.07	74.00	-13.93	46.19	3	Vertical	67	2.14	-	39.19	7.93	33.24
AV	11.5702G	47.34	54.00	-6.66	33.44	3	Vertical	67	2.14	-	39.21	7.93	33.24
PK	17.3528G	60.67	68.20	-7.53	40.41	3	Vertical	41	1.80	-	42.72	10.68	33.14

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

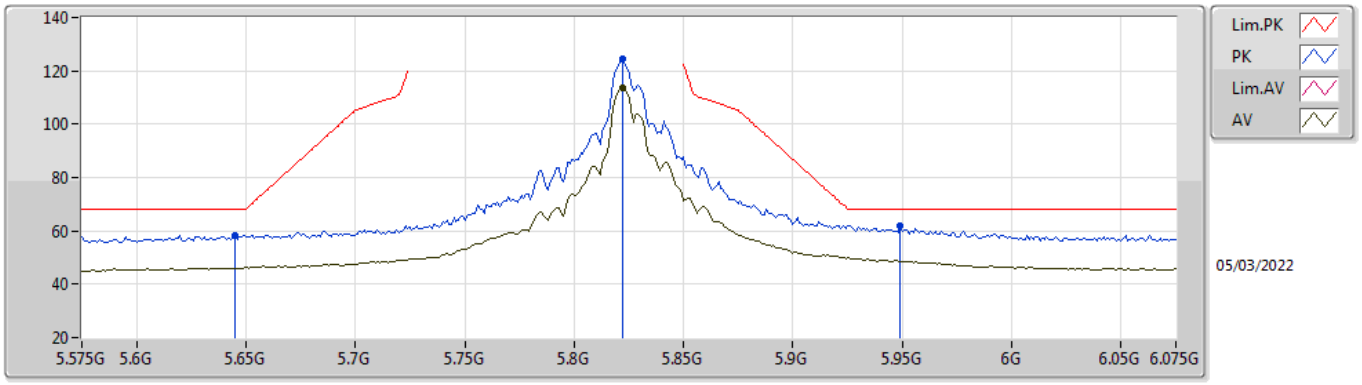


EUT Y_4TX
Setting 23.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5764G	63.61	74.00	-10.39	49.69	3	Horizontal	117	1.90	-	39.23	7.93	33.24
AV	11.5703G	49.57	54.00	-4.43	35.67	3	Horizontal	117	1.90	-	39.21	7.93	33.24
PK	17.3526G	67.77	68.20	-0.43	47.51	3	Horizontal	120	1.46	-	42.72	10.68	33.14

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

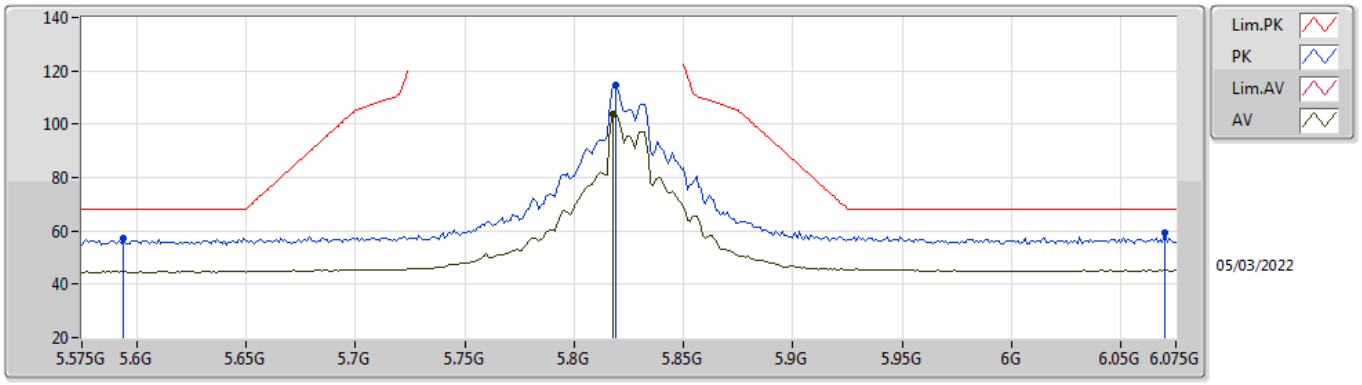


EUT Y_4TX
Setting 22.5
02-B-S-8-10

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	5.645G	58.15	68.20	-10.05	50.88	3	Vertical	352	2.26	-	33.81	5.60	32.14
PK	5.822G	124.59	Inf	-Inf	117.38	3	Vertical	352	2.26	-	33.74	5.62	32.15
AV	5.822G	113.76	Inf	-Inf	106.55	3	Vertical	352	2.26	-	33.74	5.62	32.15
PK	5.949G	62.15	68.20	-6.05	54.46	3	Vertical	352	2.26	-	34.10	5.75	32.16

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

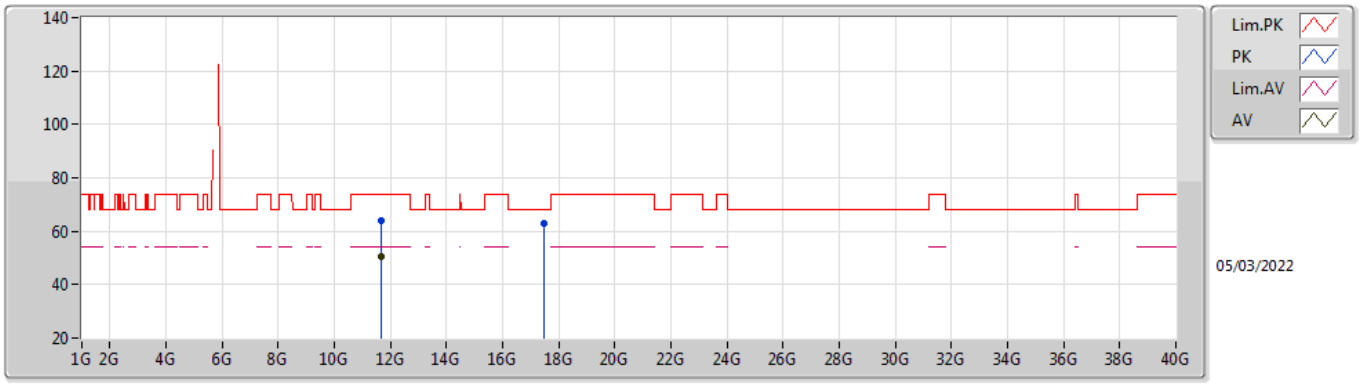


EUT Y_4TX
Setting 22.5
02-B-S-8-10

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	5.594G	57.17	68.20	-11.03	49.82	3	Horizontal	323	1.74	-	33.90	5.59	32.14
PK	5.819G	114.66	Inf	-Inf	107.45	3	Horizontal	323	1.74	-	33.74	5.62	32.15
AV	5.818G	103.74	Inf	-Inf	96.53	3	Horizontal	323	1.74	-	33.74	5.62	32.15
PK	6.07G	59.19	68.20	-9.01	51.21	3	Horizontal	323	1.74	-	34.34	5.80	32.16

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

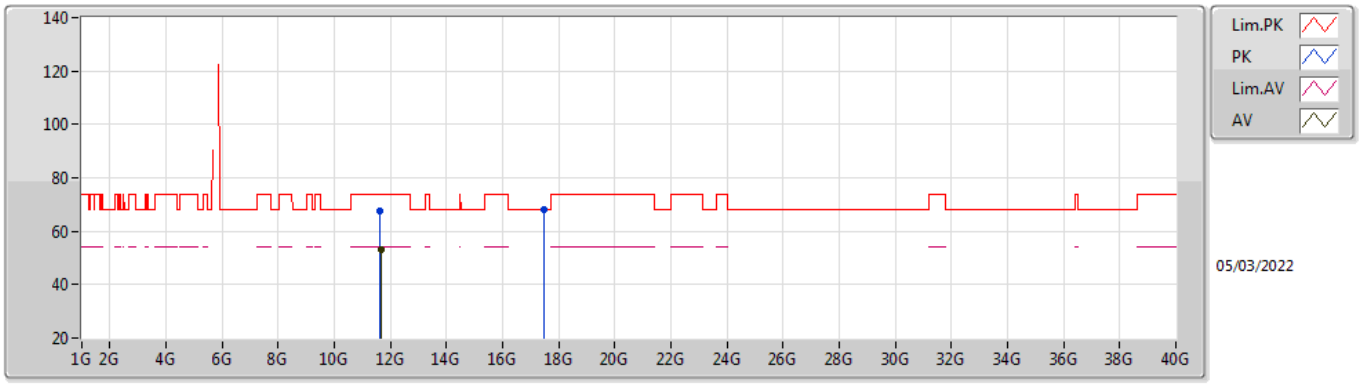


EUT Y_4TX
Setting 22.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6508G	63.94	74.00	-10.06	49.89	3	Vertical	72	1.94	-	39.35	7.96	33.26
AV	11.6504G	50.61	54.00	-3.39	36.56	3	Vertical	72	1.94	-	39.35	7.96	33.26
PK	17.4691G	62.72	68.20	-5.48	41.42	3	Vertical	128	1.73	-	43.58	10.73	33.01

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

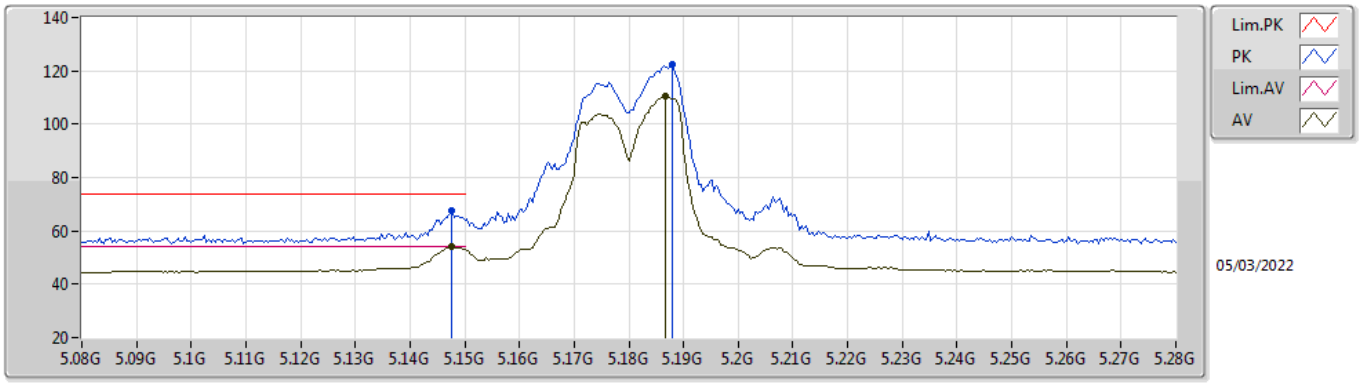


EUT Y_4TX
Setting 22.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6457G	67.67	74.00	-6.33	53.62	3	Horizontal	116	1.64	-	39.35	7.96	33.26
AV	11.6504G	53.03	54.00	-0.97	38.98	3	Horizontal	116	1.64	-	39.35	7.96	33.26
PK	17.4725G	68.18	68.20	-0.02	46.83	3	Horizontal	120	1.46	-	43.61	10.74	33.00

802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

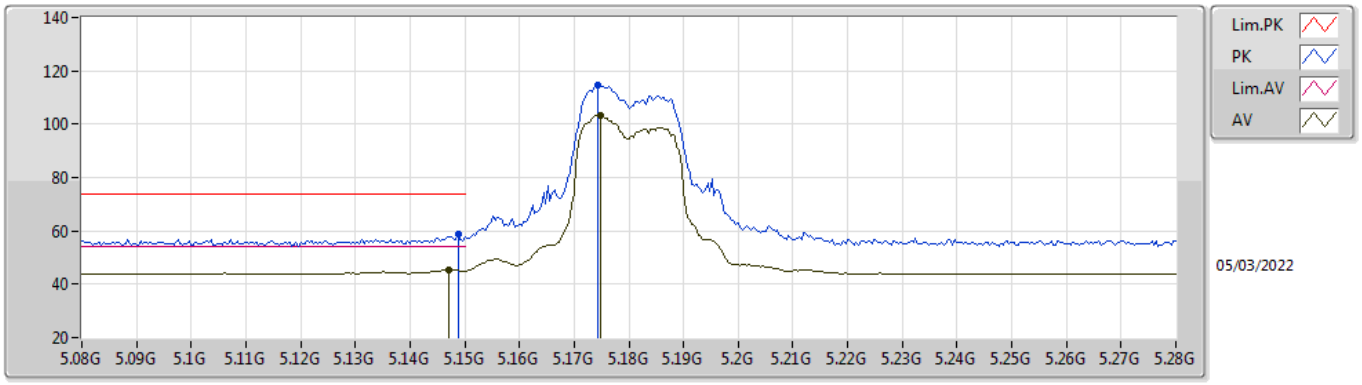


EUT Y_4TX
Setting 22
02-B-S-8-10

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	67.63	74.00	-6.37	61.03	3	Vertical	233	1.97	-	33.50	5.25	32.15
AV	5.1476G	53.98	54.00	-0.02	47.38	3	Vertical	233	1.97	-	33.50	5.25	32.15
PK	5.188G	122.33	Inf	-Inf	115.69	3	Vertical	233	1.97	-	33.50	5.29	32.15
AV	5.1868G	110.45	Inf	-Inf	103.81	3	Vertical	233	1.97	-	33.50	5.29	32.15

802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

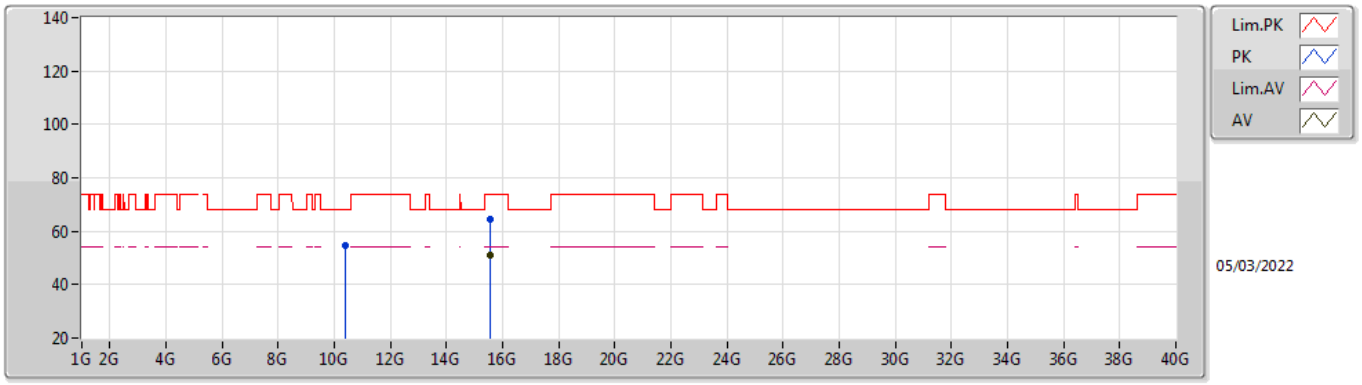


EUT Y_4TX
Setting 22
02-B-S-8-10

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	58.65	74.00	-15.35	52.05	3	Horizontal	315	1.86	-	33.50	5.25	32.15
AV	5.1472G	45.46	54.00	-8.54	38.86	3	Horizontal	315	1.86	-	33.50	5.25	32.15
PK	5.1744G	114.72	Inf	-Inf	108.10	3	Horizontal	315	1.86	-	33.50	5.27	32.15
AV	5.1748G	103.36	Inf	-Inf	96.74	3	Horizontal	315	1.86	-	33.50	5.27	32.15

802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

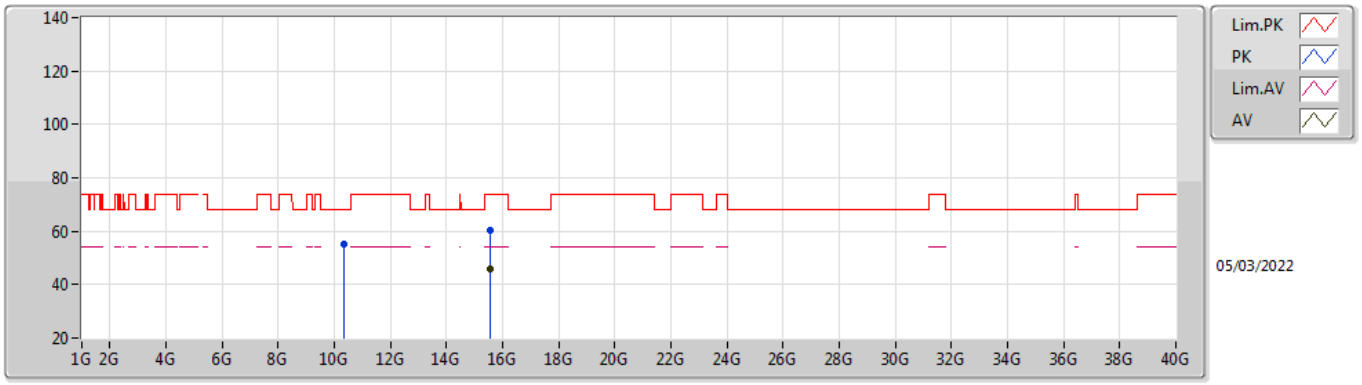


EUT Y_4TX
Setting 22
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3725G	54.68	68.20	-13.52	41.77	3	Vertical	66	1.80	-	38.43	7.45	32.97
PK	15.5411G	64.46	74.00	-9.54	50.09	3	Vertical	95	1.86	-	37.78	9.79	33.20
AV	15.5416G	50.98	54.00	-3.02	36.61	3	Vertical	95	1.86	-	37.78	9.79	33.20

802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

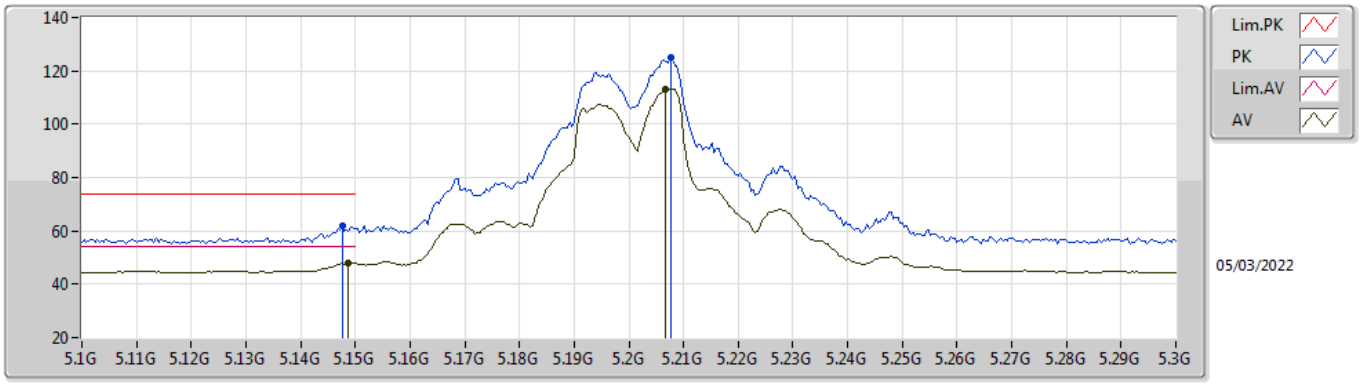


EUT Y_4TX
Setting 22
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3567G	55.11	68.20	-13.09	42.19	3	Horizontal	138	1.56	-	38.44	7.44	32.96
PK	15.5412G	60.37	74.00	-13.63	46.00	3	Horizontal	39	2.55	-	37.78	9.79	33.20
AV	15.5407G	46.10	54.00	-7.90	31.73	3	Horizontal	39	2.55	-	37.78	9.79	33.20

802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

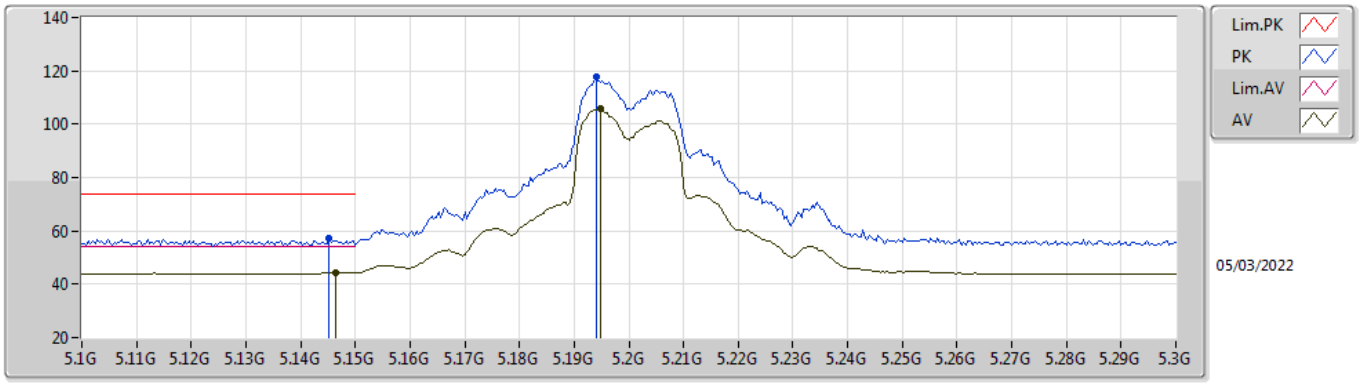


EUT Y_4TX
Setting 24
02-B-S-8-10

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	62.05	74.00	-11.95	55.45	3	Vertical	231	2.04	-	33.50	5.25	32.15
AV	5.1488G	47.93	54.00	-6.07	41.33	3	Vertical	231	2.04	-	33.50	5.25	32.15
PK	5.2076G	124.89	Inf	-Inf	118.22	3	Vertical	231	2.04	-	33.52	5.30	32.15
AV	5.2068G	113.00	Inf	-Inf	106.34	3	Vertical	231	2.04	-	33.51	5.30	32.15

802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

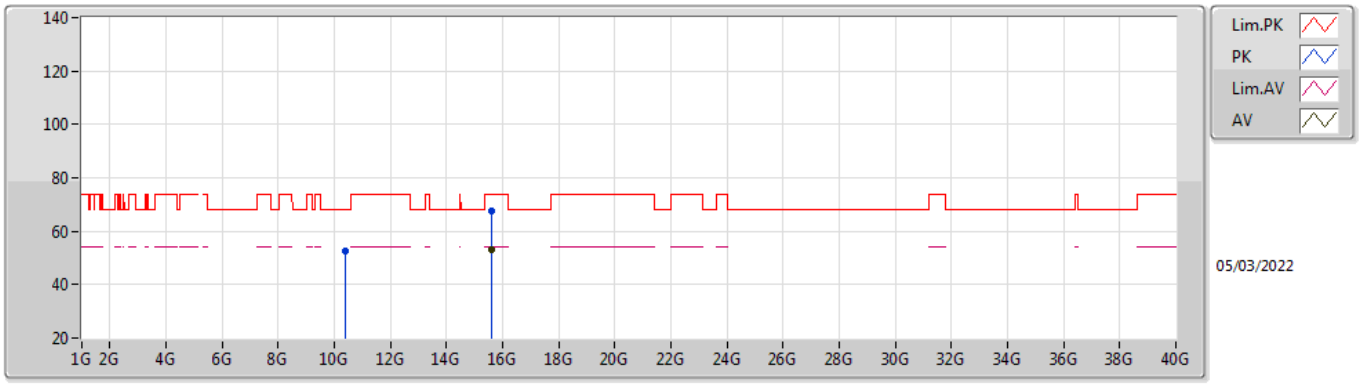


EUT Y_4TX
Setting 24
02-B-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1452G	57.27	74.00	-16.73	50.67	3	Horizontal	317	1.85	-	33.50	5.25	32.15
AV	5.1464G	44.39	54.00	-9.61	37.79	3	Horizontal	317	1.85	-	33.50	5.25	32.15
PK	5.194G	117.97	Inf	-Inf	111.33	3	Horizontal	317	1.85	-	33.50	5.29	32.15
AV	5.1948G	105.66	Inf	-Inf	99.02	3	Horizontal	317	1.85	-	33.50	5.29	32.15

802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

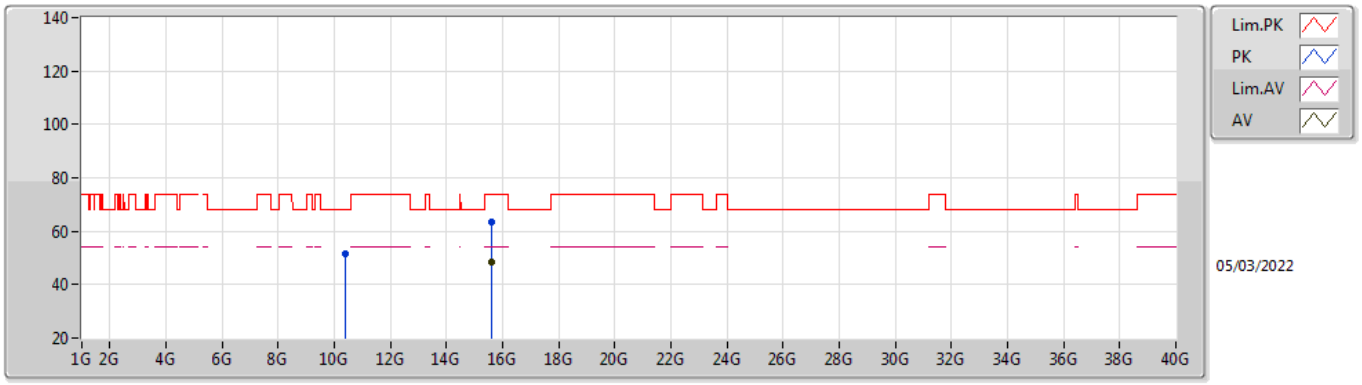


EUT Y_4TX
Setting 24
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.399G	52.58	68.20	-15.62	39.70	3	Vertical	154	2.84	-	38.40	7.46	32.98
PK	15.6014G	67.70	74.00	-6.30	53.55	3	Vertical	96	1.89	-	37.60	9.82	33.27
AV	15.601G	53.07	54.00	-0.93	38.92	3	Vertical	96	1.89	-	37.60	9.82	33.27

802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

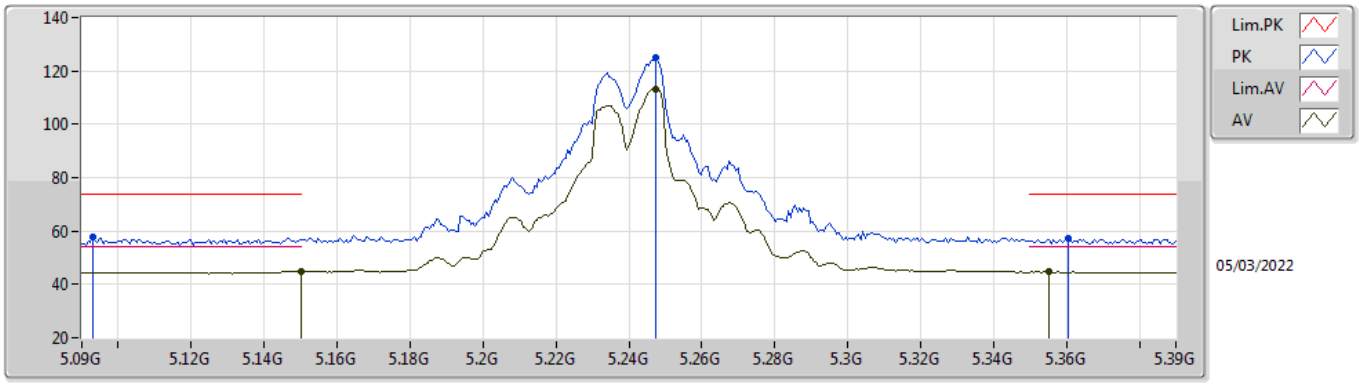


EUT Y_4TX
Setting 24
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4074G	51.57	68.20	-16.63	38.70	3	Horizontal	302	1.98	-	38.40	7.46	32.99
PK	15.6012G	63.55	74.00	-10.45	49.40	3	Horizontal	41	2.28	-	37.60	9.82	33.27
AV	15.6015G	48.67	54.00	-5.33	34.52	3	Horizontal	41	2.28	-	37.60	9.82	33.27

802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

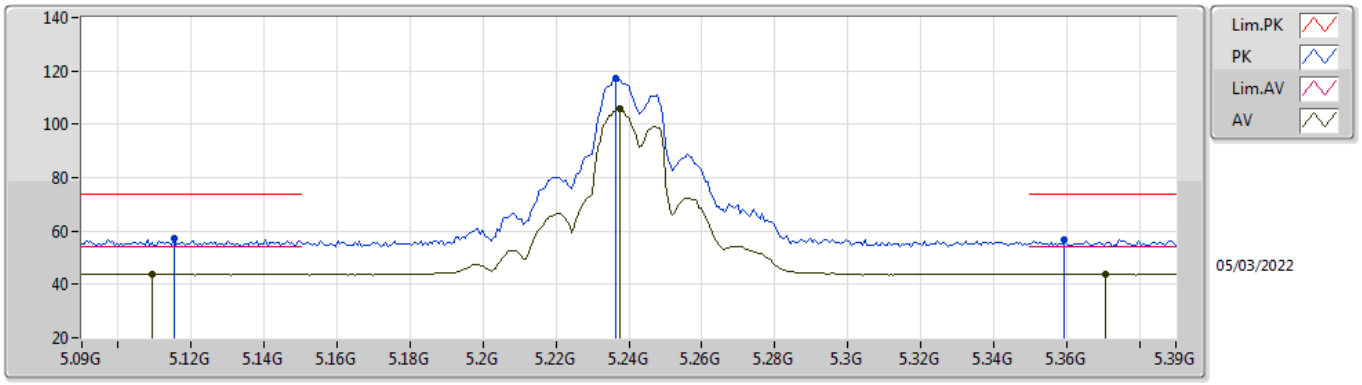


EUT Y_4TX
Setting 24
02-B-S-8-10

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	5.093G	57.66	74.00	-16.34	51.15	3	Vertical	235	1.81	-	33.47	5.19	32.15
AV	5.15G	45.05	54.00	-8.95	38.45	3	Vertical	235	1.81	-	33.50	5.25	32.15
PK	5.2472G	124.77	Inf	-Inf	118.01	3	Vertical	235	1.81	-	33.59	5.32	32.15
AV	5.2472G	113.20	Inf	-Inf	106.44	3	Vertical	235	1.81	-	33.59	5.32	32.15
PK	5.3606G	57.31	74.00	-16.69	50.35	3	Vertical	235	1.81	-	33.72	5.38	32.14
AV	5.3552G	44.72	54.00	-9.28	37.77	3	Vertical	235	1.81	-	33.71	5.38	32.14

802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

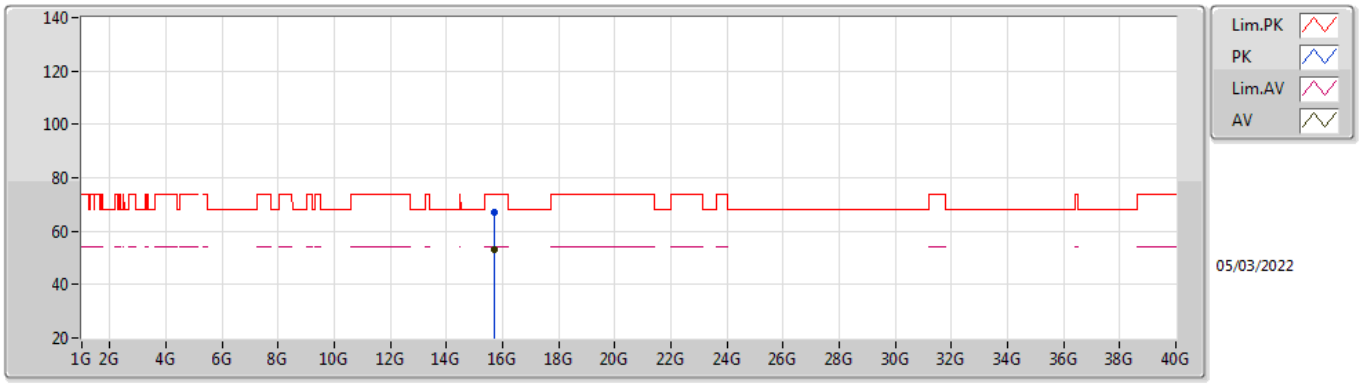


EUT Y_4TX
Setting 24
02-B-S-8-10

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	5.1152G	57.13	74.00	-16.87	50.56	3	Horizontal	309	2.84	-	33.50	5.22	32.15
AV	5.1092G	43.92	54.00	-10.08	37.36	3	Horizontal	309	2.84	-	33.50	5.21	32.15
PK	5.2364G	117.21	Inf	-Inf	110.47	3	Horizontal	309	2.84	-	33.57	5.32	32.15
AV	5.2376G	105.63	Inf	-Inf	98.88	3	Horizontal	309	2.84	-	33.58	5.32	32.15
PK	5.3594G	56.81	74.00	-17.19	49.85	3	Horizontal	309	2.84	-	33.72	5.38	32.14
AV	5.3708G	43.87	54.00	-10.13	36.88	3	Horizontal	309	2.84	-	33.74	5.39	32.14

802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

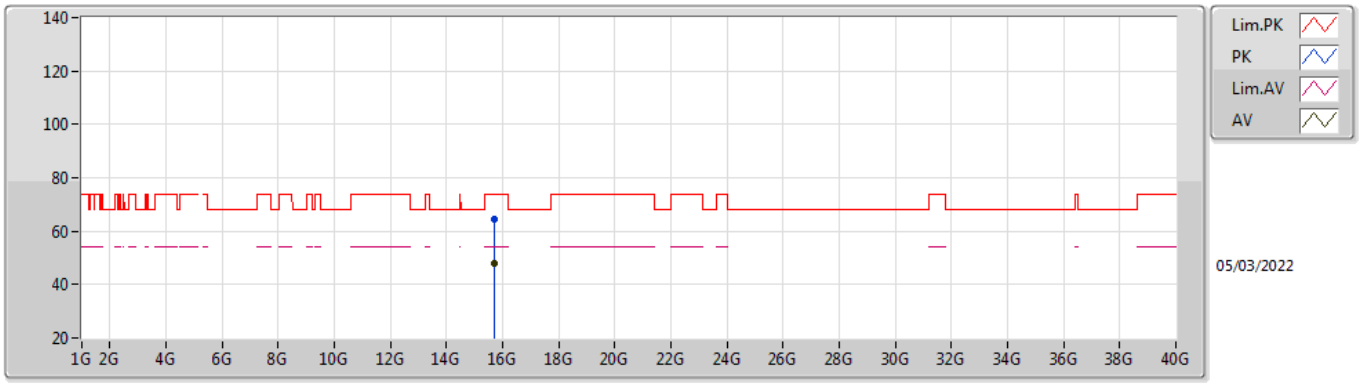


EUT Y_4TX
Setting 24
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.7212G	67.31	74.00	-6.69	53.45	3	Vertical	97	1.85	-	37.40	9.87	33.41
AV	15.7209G	53.04	54.00	-0.96	39.18	3	Vertical	97	1.85	-	37.40	9.87	33.41

802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

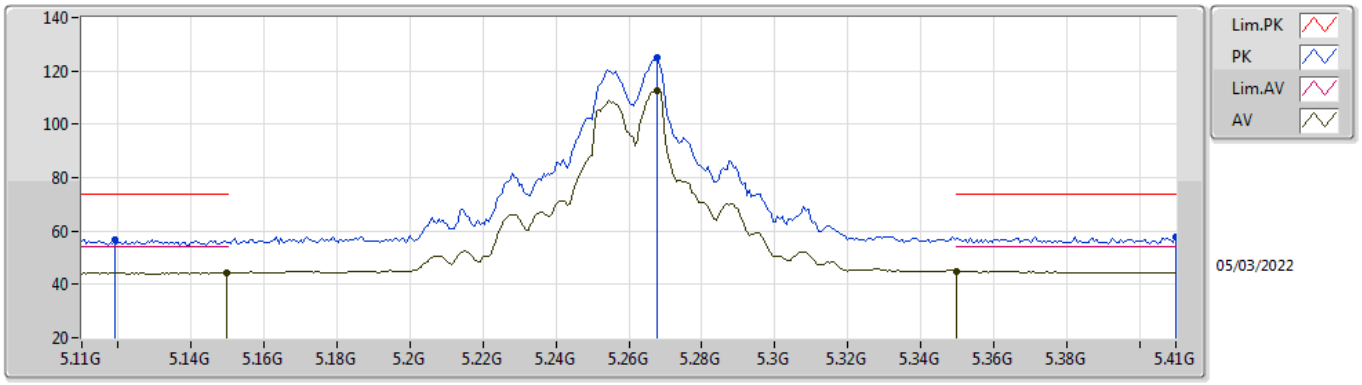


EUT Y_4TX
Setting 24
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.7265G	64.35	74.00	-9.65	50.49	3	Horizontal	121	1.78	-	37.40	9.88	33.42
AV	15.7268G	48.08	54.00	-5.92	34.22	3	Horizontal	121	1.78	-	37.40	9.88	33.42

802.11ac VHT20_Nss1,(MCS0)_4TX

5260MHz_TnomVnom

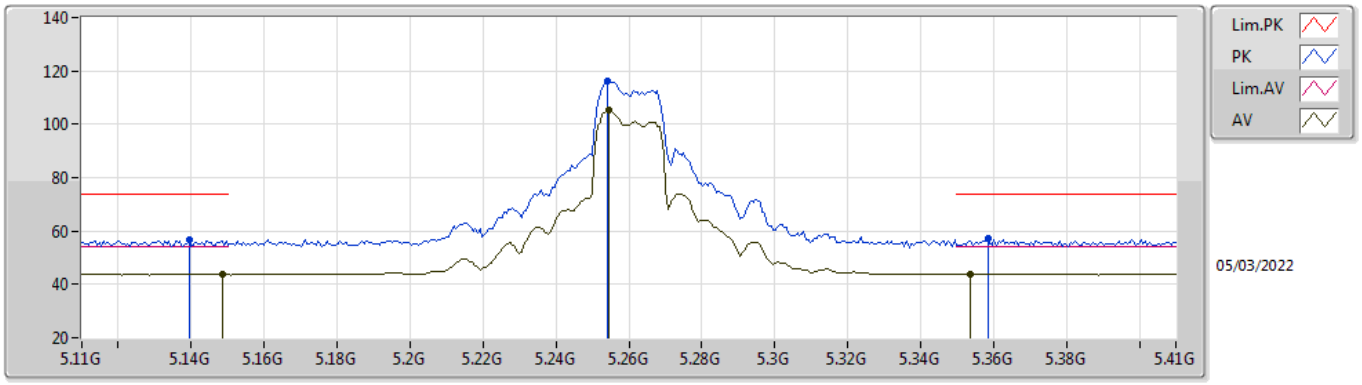


EUT Y_4TX
Setting 24
02-B-S-8-10

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	5.119G	56.82	74.00	-17.18	50.25	3	Vertical	234	2.11	-	33.50	5.22	32.15
AV	5.1496G	44.27	54.00	-9.73	37.67	3	Vertical	234	2.11	-	33.50	5.25	32.15
PK	5.2678G	124.99	Inf	-Inf	118.16	3	Vertical	234	2.11	-	33.64	5.33	32.14
AV	5.2678G	112.80	Inf	-Inf	105.97	3	Vertical	234	2.11	-	33.64	5.33	32.14
PK	5.41G	57.56	74.00	-16.44	50.47	3	Vertical	234	2.11	-	33.82	5.41	32.14
AV	5.35G	45.03	54.00	-8.97	38.09	3	Vertical	234	2.11	-	33.70	5.38	32.14

802.11ac VHT20_Nss1,(MCS0)_4TX

5260MHz_TnomVnom

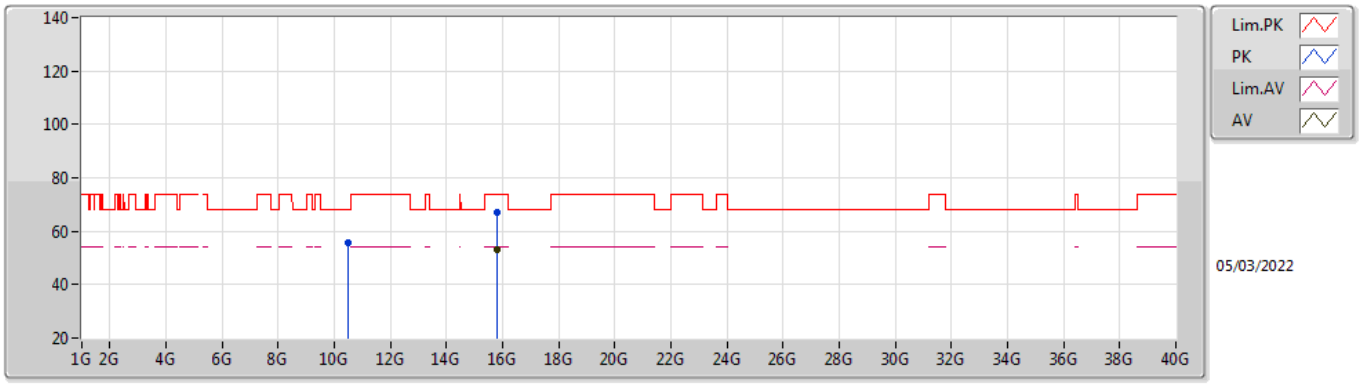


EUT Y_4TX
Setting 24
02-B-S-8-10

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	5.1394G	56.54	74.00	-17.46	49.95	3	Horizontal	320	1.91	-	33.50	5.24	32.15
AV	5.1484G	43.82	54.00	-10.18	37.22	3	Horizontal	320	1.91	-	33.50	5.25	32.15
PK	5.254G	116.41	Inf	-Inf	109.61	3	Horizontal	320	1.91	-	33.61	5.33	32.14
AV	5.2546G	105.46	Inf	-Inf	98.66	3	Horizontal	320	1.91	-	33.61	5.33	32.14
PK	5.3584G	56.99	74.00	-17.01	50.03	3	Horizontal	320	1.91	-	33.72	5.38	32.14
AV	5.3536G	43.92	54.00	-10.08	36.97	3	Horizontal	320	1.91	-	33.71	5.38	32.14

802.11ac VHT20_Nss1,(MCS0)_4TX

5260MHz_TnomVnom



EUT Y_4TX
Setting 24
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.5143G	55.91	68.20	-12.29	43.05	3	Vertical	103	1.81	-	38.41	7.51	33.06
PK	15.7813G	66.99	74.00	-7.01	53.17	3	Vertical	97	2.13	-	37.40	9.90	33.48
AV	15.7809G	53.04	54.00	-0.96	39.22	3	Vertical	97	2.13	-	37.40	9.90	33.48