Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	2ADZRBGW321
Equipment	:	BGW320-505
Brand Name	:	NOKIA
Model Name	:	BGW320-505
Applicant	:	Nokia Shanghai Bell Co. Ltd. No. 388, Ningqiao Rd. Pilot Free Trade Zone Shanghai , China 201206
Manufacturer	:	Nokia Shanghai Bell Co. Ltd. No. 388, Ningqiao Rd. Pilot Free Trade Zone Shanghai , China 201206
Standard	:	47 CFR FCC Part 15.407

The product was received on Jun. 27, 2022, and testing was started from Jun. 28, 2022 and completed on Jul. 19, 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
FR262436AC	01	Initial issue of report	Nov. 09, 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: Vicky Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5250-5350	n (HT40), ac (VHT40), ax (HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5250-5350	ac (VHT80), ax (HEW80)	5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

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

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

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

1.1.2 Antenna Information

Ant.	Port		Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	2.4GHz	5GHz					
1	4	1	Airgain	N2430ARJYW Rev A-PK1-L-G1X165BUR2	PCB	I-PEX	Note 1
2	3	2	Airgain	N2430ARHYN Rev A-PK1-L-Y1X140BUR2	PCB	I-PEX	
3	2	3	Airgain	N2435ARHYN Rev A-PK1-L-B1X155BU	PCB	I-PEX	
4	1	4	Airgain	N2420ARHYW Rev A-PK1-L-A1X195BU	PCB	I-PEX	
5	-	1	Airgain	N5X20QSYN Rev A-PK1-L-B50UR2	PCB	I-PEX	
6	-	2	Airgain	N5X20QSYE Rev A-PK1-L-A55UR2	PCB	I-PEX	
7	-	3	Airgain	N5X20QSYN Rev A-PK1-L-Y1X190BU	PCB	I-PEX	
8	-	4	Airgain	N5X20QSYE Rev A-PK1-L-G1X160BU	PCB	I-PEX	
9	-	-	Airgain	N5X20HGHC Rev A-PK1-L-R1X1058U	PCB	I-PEX	

Note1:

Ant.	Antenna Gain (dBi)				
	WLAN 2.4GHz	WLAN 5GHz			
		UNII 1	UNII 2A	UNII 2C	UNII 3
1	2.7	2.45	2.78	-	-
2	4.27	3.45	2.83	-	-
3	3.57	2.34	2.4	-	-
4	2.86	2.92	3.38	-	-
5	-	-	-	2.16	2.63
6	-	-	-	2.5	3.69
7	-	-	-	3.24	2.05
8	-	-	-	2.18	2.44
9	-	3.9	3.4	4.6	4.2

Ant.	Directional Gain (dBi)														
	WLAN 2.4GHz			WLAN 5GHz											
	2.45GHz			5.2GHz			5.3GHz			5.6GHz			5.785GHz		
	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S
1	5.01	4.27	4.27	4.16	3.45	3.45	3.61	3.38	3.38	-	-	-	-	-	-
2															
3															
4															
5	-	-	-	-	-	-	-	-	-	4.32	3.24	3.24	4.21	3.69	3.69
6															
7															
8															

Note 2: The above information(excepting antenna 1~8 gain) was declared by manufacturer.
Note 3. The antenna 9 which has the receiving function only is used for zero wait.
Note 4: The EUT has nine antennas.
Note 5: The antenna 1~8 gain and directional gain are measured which follow the procedure of KDB 662911 D03

For 2.4GHz function:
For IEEE 802.11b/g/n/VHT/ax (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be use as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For 5GHz function:
For IEEE 802.11a/n/ac/ax (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be use as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For 1RX:
Ant. 9 can be use as receiving antenna only.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.958	0.19	2.065m	1k
802.11ax HEW20	0.98	0.09	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20-BF	0.972	0.12	2.928m	1k
802.11ax HEW40	0.966	0.15	781.25u	3k
802.11ax HEW40-BF	0.978	0.1	4.613m	300
802.11ax HEW80	0.934	0.3	415u	3k
802.11ax HEW80-BF	0.96	0.18	4.145m	300
802.11ax HEW160	0.893	0.49	237.5u	10k
802.11ax HEW160-BF	0.977	0.1	5.163m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz and n/ac/ax 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
Channel Puncturing Function	☐	Supported	☒	Unsupported
Test Software Version	For non-beamforming mode: accessMTool(version 3.2.1.4) For beamforming mode: DOS [ver 6.1.7601]			

Note: The above information was declared by manufacturer.

1.2 Applicable Standards

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

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

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

- FCC KDB 662911 D03 v01
- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH02-CB	Jay Lo	23.5-23.9 / 58-69	Jul. 01, 2022~ Jul. 12, 2022
Radiated (below 1GHz)	03CH05-CB	Chris Li	25.8~27.3 / 67~68	Jun. 28, 2022~ Jul. 18, 2022
Radiated (above 1GHz)	03CH02-CB	Chris Li	24.4-25.5 / 55-58	Jun. 28, 2022~ Jul. 18, 2022
	03CH04-CB	Chris Li	23.8-24.9 / 55-58	Jun. 28, 2022~ Jul. 18, 2022
	03CH03-CB	Chris Li	24.5-25.6 / 56-59	Jun. 28, 2022~ Jul. 18, 2022
Radiated (Co-location)	03CH02-CB	Chris Li	25.4~27.8 / 66~69	Jun. 28, 2022~ Jul. 18, 2022
AC Conduction	CO01-CB	Dean Chang	22~23 / 52~53	Jul. 19, 2022

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

For non-beamforming mode:

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	68
5300MHz	70
5320MHz	73
5500MHz	73
5580MHz	68
5700MHz	70
5720MHz Straddle 5.47-5.725GHz	68
5720MHz Straddle 5.725-5.85GHz	68
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	66
5300MHz	69
5320MHz	73
5500MHz	71
5580MHz	67
5700MHz	68
5720MHz Straddle 5.47-5.725GHz	68
5720MHz Straddle 5.725-5.85GHz	68
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	66
5310MHz	69
5510MHz	70
5550MHz	67
5670MHz	68
5710MHz Straddle 5.47-5.725GHz	69
5710MHz Straddle 5.725-5.85GHz	69
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	71
5530MHz	69
5610MHz	68
5690MHz Straddle 5.47-5.725GHz	68
5690MHz Straddle 5.725-5.85GHz	68
802.11ax HEW160_Nss1,(MCS0)_4TX	-

5250MHz Straddle 5.15-5.25GHz	57
5250MHz Straddle 5.25-5.35GHz	57
5570MHz	66

For beamforming mode:

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5260MHz	66
5300MHz	69
5320MHz	73
5500MHz	71
5580MHz	67
5700MHz	68
5720MHz Straddle 5.47-5.725GHz	68
5720MHz Straddle 5.725-5.85GHz	68
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5270MHz	66
5310MHz	69
5510MHz	69
5550MHz	67
5670MHz	68
5710MHz Straddle 5.47-5.725GHz	69
5710MHz Straddle 5.725-5.85GHz	69
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5290MHz	71
5530MHz	69
5610MHz	68
5690MHz Straddle 5.47-5.725GHz	68
5690MHz Straddle 5.725-5.85GHz	68
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	65
5250MHz Straddle 5.25-5.35GHz	65
5570MHz	66

Note:
- Evaluated HEW20/HEW40/HEW80/HEW160 mode only, due to similar modulation. The power setting of HT20/VHT20/VHT40/VHT80/VHT160 mode are the same or lower than HEW20/HEW40/HEW80/HEW160.

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 - 2.4GHz
2	EUT - 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 2.4GHz: The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at X axis from Emissions in Restricted Frequency Bands above 1GHz. So the measurement will follow this same test configuration. For 5GHz: The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Z axis from Unwanted Emissions above 1GHz. So the measurement will follow this same test configuration.	
1	EUT in X axis-WLAN 2.4GHz
2	EUT in Z axis-WLAN 5GHz
For operating mode 1 is the worst case and it was record in this test report.	

Operating Mode > 1GHz	CTX
For 5GHz UNII1: The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Y axis from Unwanted Emissions above 1GHz. So the measurement will follow this same test configuration. For 5GHz UNII3: The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Z axis from Unwanted Emissions above 1GHz. So the measurement will follow this same test configuration.	
1	EUT in Y axis (WLAN 5GHz UNII 2A) / EUT in Z axis (WLAN 5GHz UNII 2C)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at X axis from Emissions in Restricted Frequency Bands/Unwanted Emissions above 1GHz. So the measurement will follow this same test configuration.	
1	EUT in X axis-WLAN 2.4GHz+ WLAN 5GHz UNII1~2A
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz+ WLAN 5GHz UNII1~2A+5GHz UNII2C~3
Refer to Sporton Test Report No.: FA262436 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

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

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter	AT&T	EPS48R0-16	INPUT: 120V ~ 1.1A, 60Hz OUTPUT: 12V, 4A, 48W

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN5G NB	DELL	E6430	N/A
B	Client	ASUS	AX88U	N/A
C	Client NB	DELL	E6430	N/A
D	Flash disk3.0	Transcend	JetFlash-700	N/A

For Radiated below 1GHz and Radiated above 1GHz-non-beamforming mode:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	PP13S	N/A

For Radiated above 1GHz-beamforming mode:

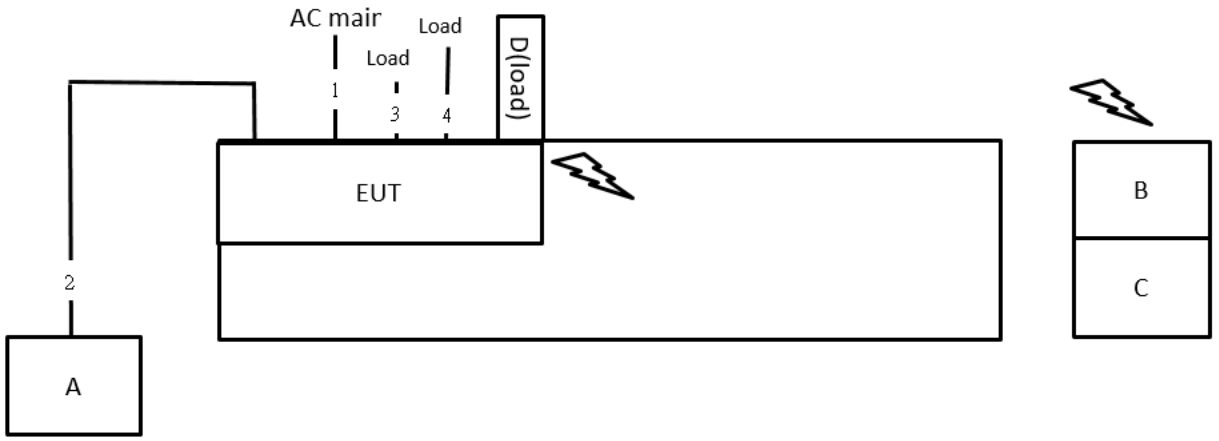
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	PP13S	N/A
B	Notebook	DELL	E6400	N/A
C	Client	ASUS	RT-AX88U	N/A

For RF Conducted:

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

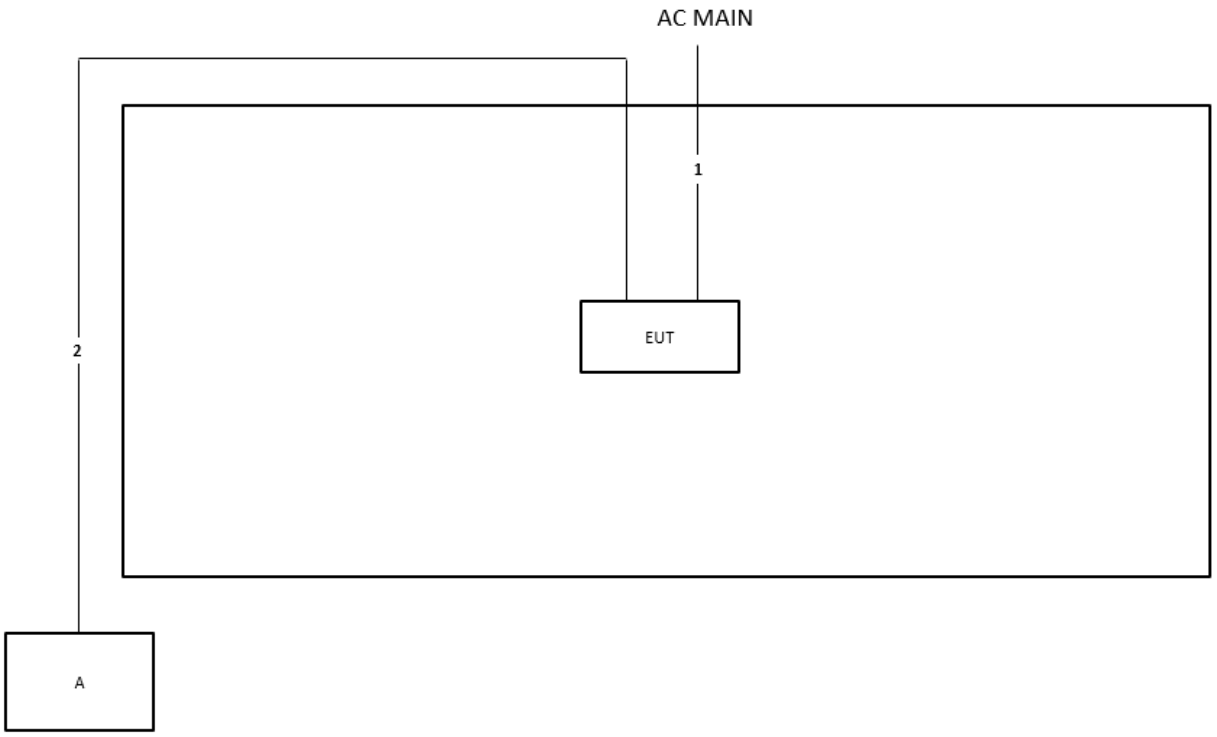
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	3.2m
2	RJ-45 cable	No	10m
3	RJ-45 cable*4	No	3m
4	Fiber cable	No	3m

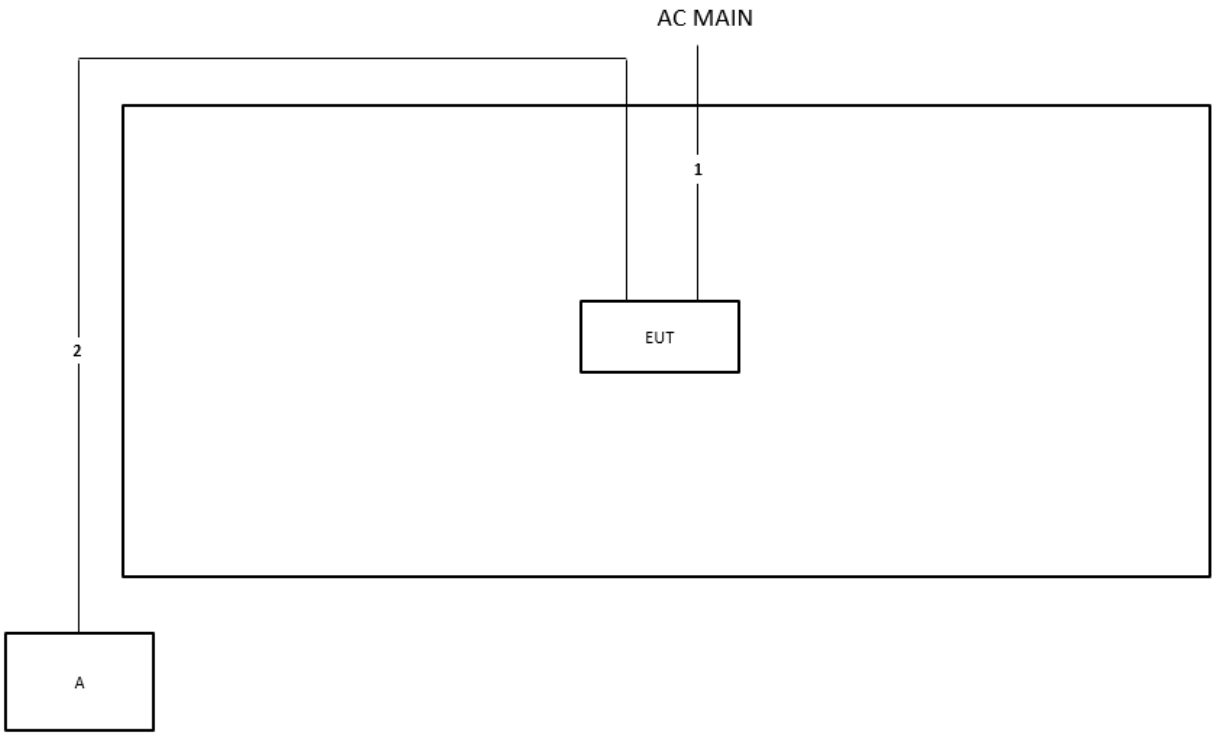
Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	3.2m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz

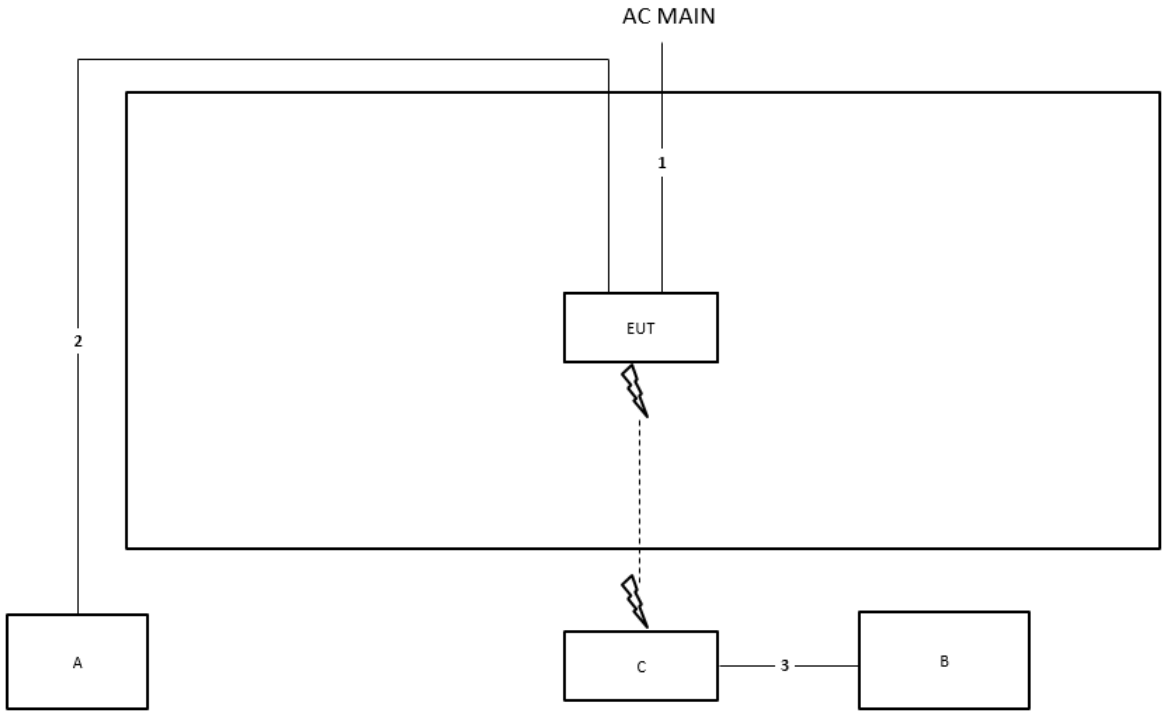
For non-beamforming mode



Item	Connection	Shielded	Length
1	Power cable	No	3.2m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz

For beamforming mode



Item	Connection	Shielded	Length
1	Power cable	No	3.2m
2	RJ-45 cable	No	10m
3	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

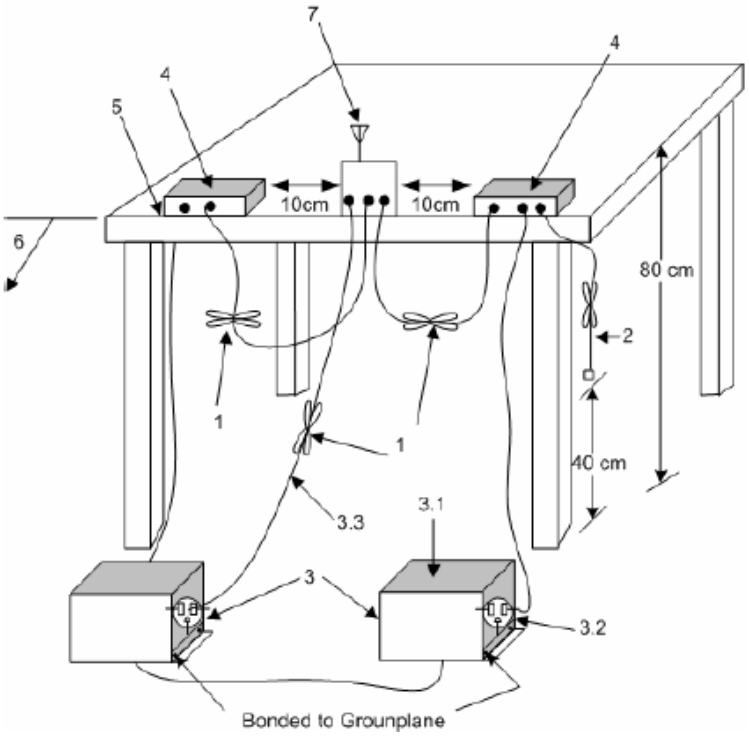
Refer a test equipment and calibration data table in this test report.

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.

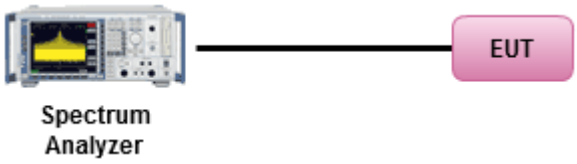
3.2.2 Measuring Instruments

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


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

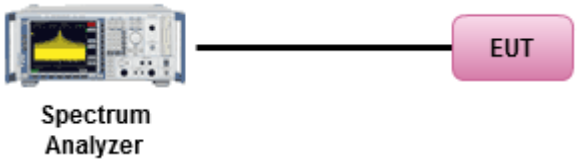
Refer a test equipment and calibration data table in this test report.

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 other channels

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

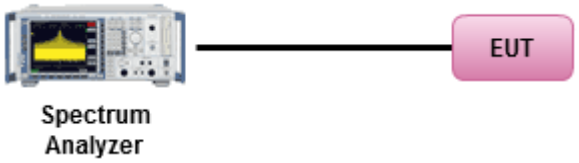
Refer a test equipment and calibration data table in this test report.

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]) $EIRP_{total} = PPSD_{total} + DG$
☐	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.

Test Method	
	▪ 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

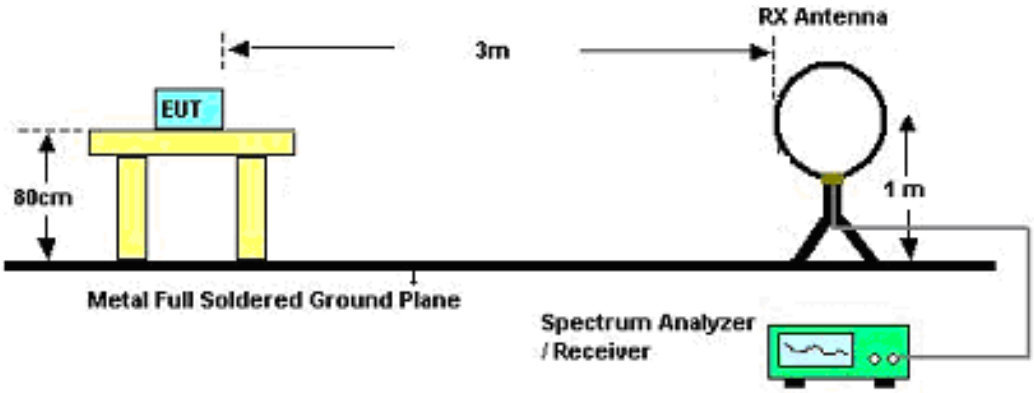
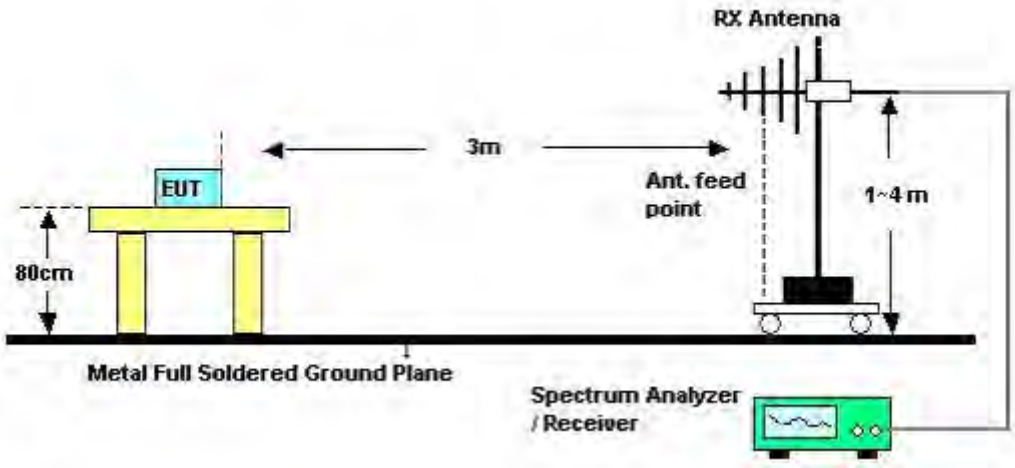
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

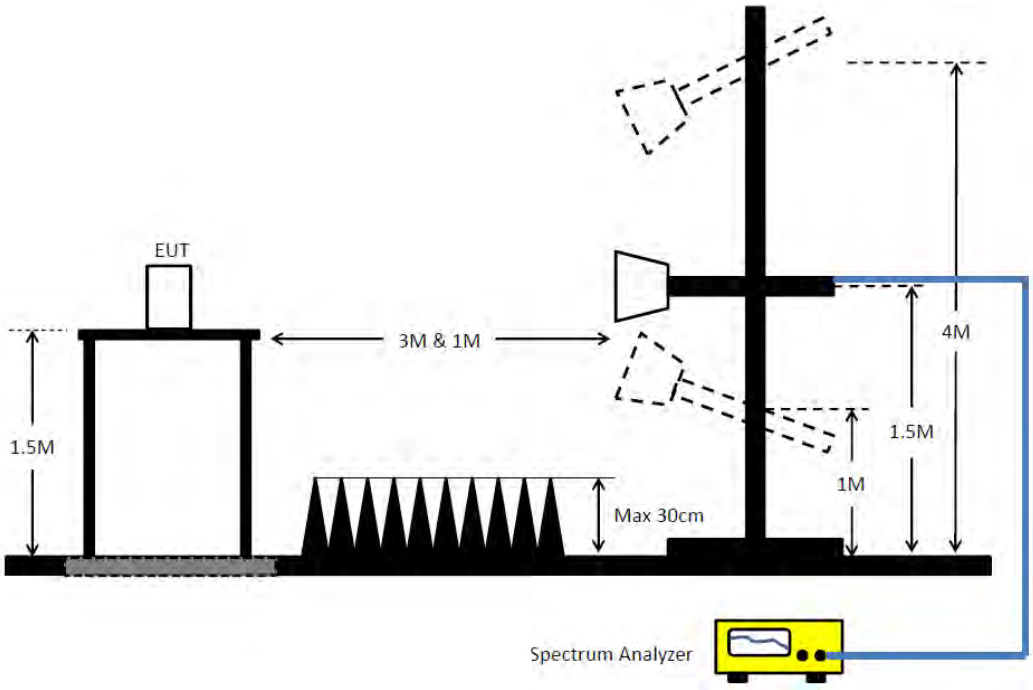
Test Method			
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies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

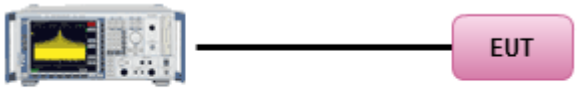
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



Transmitter Conducted Unwanted Emissions



Spectrum Analyzer

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	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 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 18, 2022	May 17, 2023	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 09, 2021	Aug. 08, 2022	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 25, 2022	Mar. 24, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 26, 2022	Apr. 25, 2023	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Mar. 14, 2022	Mar. 13, 2023	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 26, 2022	Mar. 25, 2023	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 19, 2022	Apr. 18, 2023	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 19, 2022	May 18, 2023	Radiation (03CH02-CB)
Pre-Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 21, 2022	Jun. 20, 2023	Radiation (03CH02-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 06, 2022	May 05, 2023	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 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)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 05, 2022	May 04, 2023	Radiation (03CH03-CB)
Horn Antenna	ETS·Lindgren	3115	6821	750MHz~18GHz	Jan. 21, 2022	Jan. 20, 2023	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH03-CB)
Pre-Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 21, 2022	Jun. 20, 2023	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 10, 2022	Jun. 09, 2023	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH04-CB)
Horn Antenna	ETS·Lindgren	3115	00143147	750MHz~18GHz	Oct. 25, 2021	Oct. 24, 2022	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 19, 2022	May 18, 2023	Radiation (03CH04-CB)
Pre-Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 21, 2022	Jun. 20, 2023	Radiation (03CH04-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 28, 2022	Mar. 27, 2023	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-C2SP	TBN-1010206	-20~100 degree	Feb. 18. 2022	Feb. 17. 2023	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 25, 2021	Oct. 24, 2022	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 25, 2021	Oct. 24, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P1	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P2	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P3	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P4	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)

RF Cable-high	Woken	RG402	SWI-02-P5	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

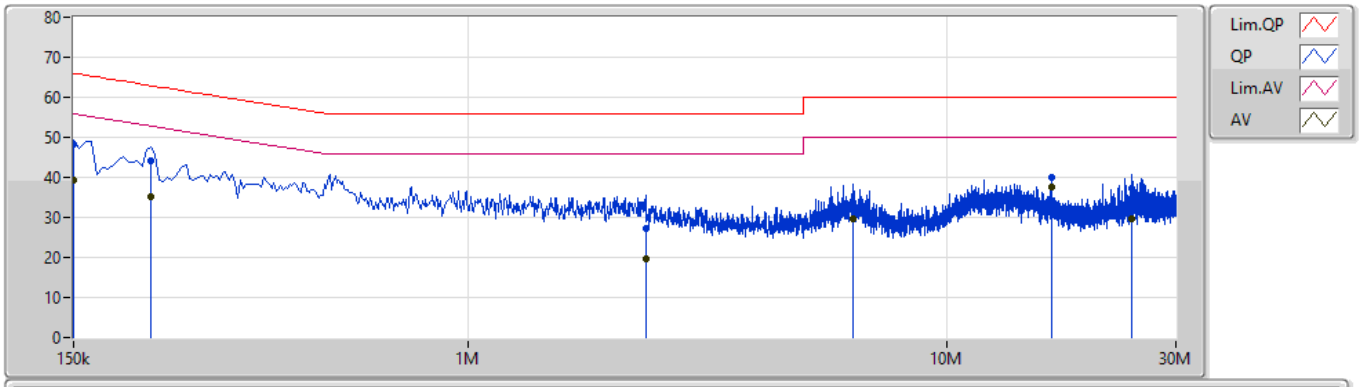
Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	16.463M	37.58	50.00	-12.42	Line

Mode 1

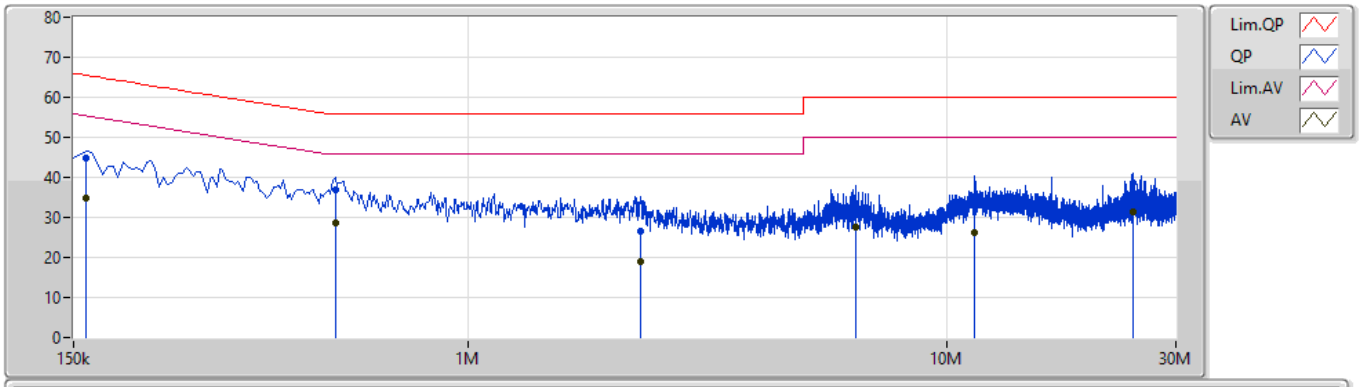
19/07/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	48.14	66.00	-17.86	9.99	Line	-	38.15	0.06	0.04	9.89
AV	150k	39.35	56.00	-16.65	9.99	Line	-	29.36	0.06	0.04	9.89
QP	217.5k	44.08	62.92	-18.84	9.99	Line	-	34.09	0.06	0.04	9.89
AV	217.5k	35.17	52.92	-17.75	9.99	Line	-	25.18	0.06	0.04	9.89
QP	2.346M	27.33	56.00	-28.67	10.08	Line	-	17.25	0.10	0.09	9.89
AV	2.346M	19.74	46.00	-26.26	10.08	Line	-	9.66	0.10	0.09	9.89
QP	6.356M	33.78	60.00	-26.22	10.20	Line	-	23.58	0.17	0.13	9.90
AV	6.356M	29.50	50.00	-20.50	10.20	Line	-	19.30	0.17	0.13	9.90
QP	16.463M	39.98	60.00	-20.02	10.42	Line	-	29.56	0.28	0.19	9.95
AV	16.463M	37.58	50.00	-12.42	10.42	Line	"Worst"	27.16	0.28	0.19	9.95
QP	24.221M	37.18	60.00	-22.82	10.59	Line	-	26.59	0.35	0.27	9.97
AV	24.221M	29.53	50.00	-20.47	10.59	Line	-	18.94	0.35	0.27	9.97

Mode 1

19/07/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	159k	44.70	65.52	-20.82	10.00	Neutral	-	34.70	0.07	0.04	9.89
AV	159k	34.74	55.52	-20.78	10.00	Neutral	-	24.74	0.07	0.04	9.89
QP	528k	37.00	56.00	-19.00	10.01	Neutral	-	26.99	0.07	0.05	9.89
AV	528k	28.73	46.00	-17.27	10.01	Neutral	"Worst"	18.72	0.07	0.05	9.89
QP	2.297M	26.60	56.00	-29.40	10.09	Neutral	-	16.51	0.11	0.09	9.89
AV	2.297M	19.03	46.00	-26.97	10.09	Neutral	-	8.94	0.11	0.09	9.89
QP	6.45M	33.34	60.00	-26.66	10.22	Neutral	-	23.12	0.19	0.13	9.90
AV	6.45M	27.58	50.00	-22.42	10.22	Neutral	-	17.36	0.19	0.13	9.90
QP	11.427M	33.85	60.00	-26.15	10.33	Neutral	-	23.52	0.25	0.16	9.92
AV	11.427M	26.18	50.00	-23.82	10.33	Neutral	-	15.85	0.25	0.16	9.92
QP	24.41M	38.62	60.00	-21.38	10.54	Neutral	-	28.08	0.30	0.27	9.97
AV	24.41M	31.30	50.00	-18.70	10.54	Neutral	-	20.76	0.30	0.27	9.97

For non-beamforming mode:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	82.4M	78.441M	78M4D1D	82.08M	78.441M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.63M	17.151M	17M2D1D	21.33M	16.882M
802.11ax HEW20_Nss1,(MCS0)_4TX	22.11M	19.16M	19M2D1D	21.51M	19.07M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.62M	37.961M	38M0D1D	40.32M	37.841M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.2M	77.601M	77M6D1D	81.6M	77.361M
802.11ax HEW160_Nss1,(MCS0)_4TX	82.64M	78.121M	78M1D1D	82.08M	77.881M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.66M	17.151M	17M2D1D	15.585M	13.523M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.81M	19.16M	19M2D1D	15.675M	14.573M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.86M	38.021M	38M0D1D	35.175M	33.863M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.08M	77.721M	77M7D1D	75.9M	73.463M
802.11ax HEW160_Nss1,(MCS0)_4TX	166.08M	156.642M	157MD1D	164.16M	156.402M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.16M	4.178M	4M18D1D	3.14M	4.158M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.48M	4.678M	4M68D1D	4.4M	4.638M
802.11ax HEW40_Nss1,(MCS0)_4TX	3.98M	4.118M	4M12D1D	3.76M	4.098M
802.11ax HEW80_Nss1,(MCS0)_4TX	3.94M	4.158M	4M16D1D	3.6M	4.118M

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

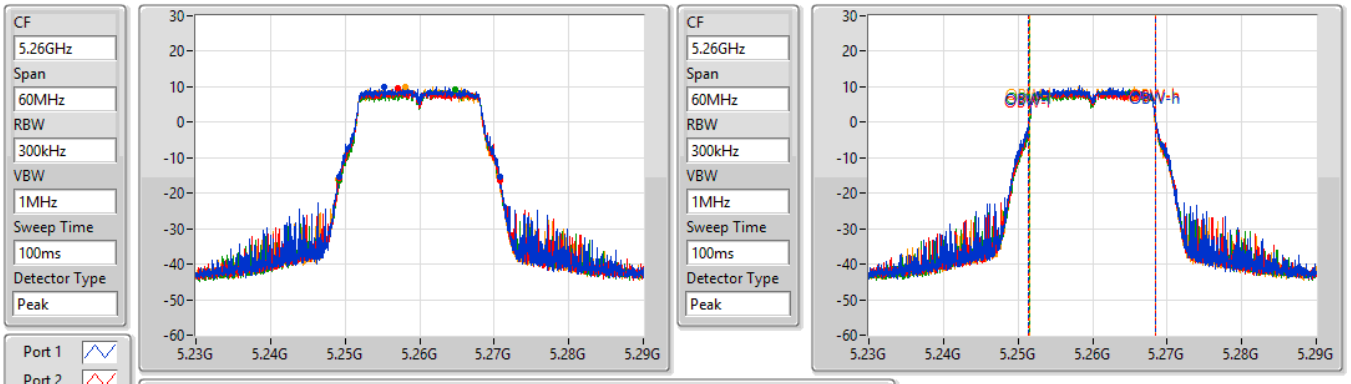
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.54M	17.091M	21.6M	17.091M	21.57M	16.972M	21.51M	16.912M
5300MHz	Pass	Inf	21.54M	17.091M	21.48M	17.061M	21.36M	16.972M	21.33M	16.882M
5320MHz	Pass	Inf	21.48M	17.151M	21.63M	17.121M	21.57M	16.972M	21.42M	16.912M
5500MHz	Pass	Inf	21.57M	17.151M	21.51M	17.031M	21.45M	16.942M	21.48M	16.972M
5580MHz	Pass	Inf	21.54M	17.091M	21.54M	17.091M	21.39M	16.972M	21.45M	16.942M
5700MHz	Pass	Inf	21.66M	17.121M	21.54M	17.031M	21.57M	16.972M	21.57M	16.942M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.825M	13.628M	15.69M	13.568M	15.585M	13.538M	15.63M	13.523M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	4.158M	3.14M	4.178M	3.14M	4.158M	3.16M	4.158M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.57M	19.16M	21.6M	19.13M	21.6M	19.1M	21.57M	19.1M
5300MHz	Pass	Inf	21.96M	19.1M	21.63M	19.1M	21.63M	19.1M	21.69M	19.07M
5320MHz	Pass	Inf	22.11M	19.13M	21.51M	19.07M	21.51M	19.16M	21.6M	19.13M
5500MHz	Pass	Inf	21.78M	19.13M	21.66M	19.1M	21.63M	19.13M	21.69M	19.1M
5580MHz	Pass	Inf	21.78M	19.16M	21.81M	19.13M	21.75M	19.13M	21.72M	19.1M
5700MHz	Pass	Inf	21.81M	19.13M	21.57M	19.1M	21.81M	19.1M	21.72M	19.13M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.915M	14.573M	15.855M	14.573M	15.9M	14.603M	15.675M	14.573M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.48M	4.678M	4.4M	4.658M	4.46M	4.658M	4.44M	4.638M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.62M	37.841M	40.32M	37.901M	40.44M	37.961M	40.56M	37.901M
5310MHz	Pass	Inf	40.44M	37.961M	40.38M	37.901M	40.5M	37.901M	40.38M	37.901M
5510MHz	Pass	Inf	40.68M	37.901M	40.5M	38.021M	40.38M	37.961M	40.38M	37.901M
5550MHz	Pass	Inf	40.86M	37.901M	40.38M	38.021M	40.38M	37.901M	40.62M	37.901M
5670MHz	Pass	Inf	40.62M	37.901M	40.26M	37.961M	40.68M	37.961M	40.5M	37.841M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.385M	33.933M	35.245M	33.863M	35.49M	33.863M	35.175M	33.863M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	4.098M	3.76M	4.118M	3.86M	4.118M	3.88M	4.118M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.72M	77.481M	81.6M	77.361M	81.6M	77.601M	82.2M	77.601M
5530MHz	Pass	Inf	81.96M	77.481M	81.72M	77.481M	81.36M	77.481M	81.96M	77.481M
5610MHz	Pass	Inf	81.96M	77.721M	81.6M	77.601M	82.08M	77.601M	82.08M	77.601M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.35M	73.538M	75.975M	73.463M	76.05M	73.463M	75.9M	73.463M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.138M	3.64M	4.118M	3.86M	4.138M	3.6M	4.158M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.4M	78.441M	82.08M	78.441M	82.32M	78.441M	82.4M	78.441M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.16M	78.041M	82.56M	78.041M	82.08M	78.121M	82.64M	77.881M
5570MHz	Pass	Inf	165.12M	156.642M	166.08M	156.642M	164.64M	156.402M	164.16M	156.402M

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

5260MHz

07/07/2022

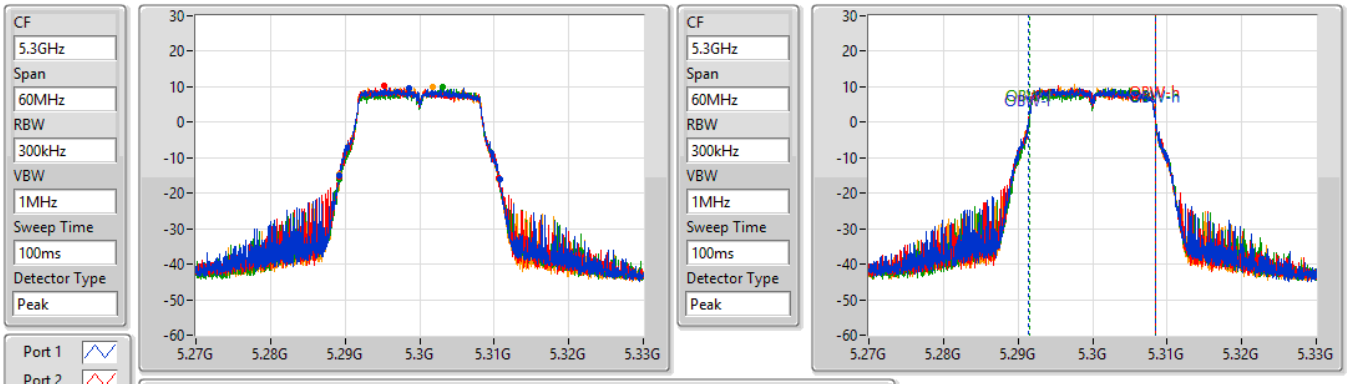


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.24923G	5.27077G	17.091M	5.251424G	5.268516G	Inf	1
21.6M	5.24914G	5.27074G	17.091M	5.251424G	5.268516G	Inf	2
21.57M	5.24926G	5.27083G	16.972M	5.251544G	5.268516G	Inf	3
21.51M	5.24908G	5.27059G	16.912M	5.251514G	5.268426G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

07/07/2022

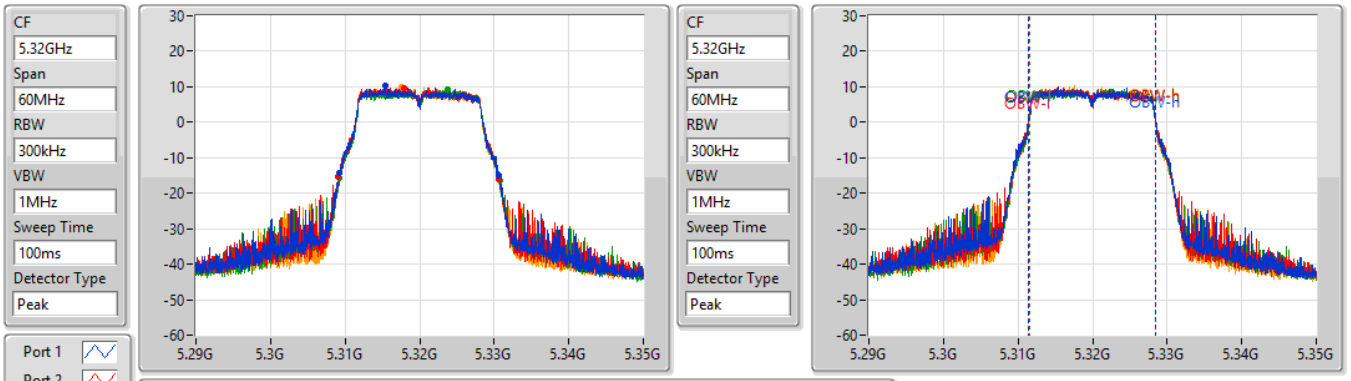


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.28917G	5.31071G	17.091M	5.291364G	5.308456G	Inf	1
21.48M	5.28914G	5.31062G	17.061M	5.291364G	5.308426G	Inf	2
21.36M	5.28929G	5.31065G	16.972M	5.291514G	5.308486G	Inf	3
21.33M	5.28926G	5.31059G	16.882M	5.291484G	5.308366G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

07/07/2022

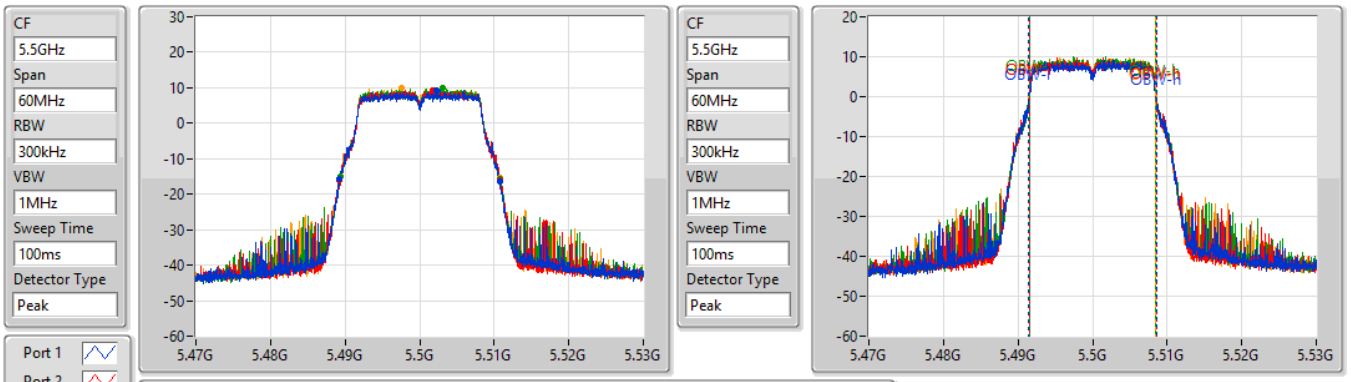


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.3092G	5.33068G	17.151M	5.311334G	5.328486G	Inf	1
21.63M	5.30905G	5.33068G	17.121M	5.311334G	5.328456G	Inf	2
21.57M	5.30914G	5.33071G	16.972M	5.311484G	5.328456G	Inf	3
21.42M	5.30917G	5.33059G	16.912M	5.311454G	5.328366G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

07/07/2022



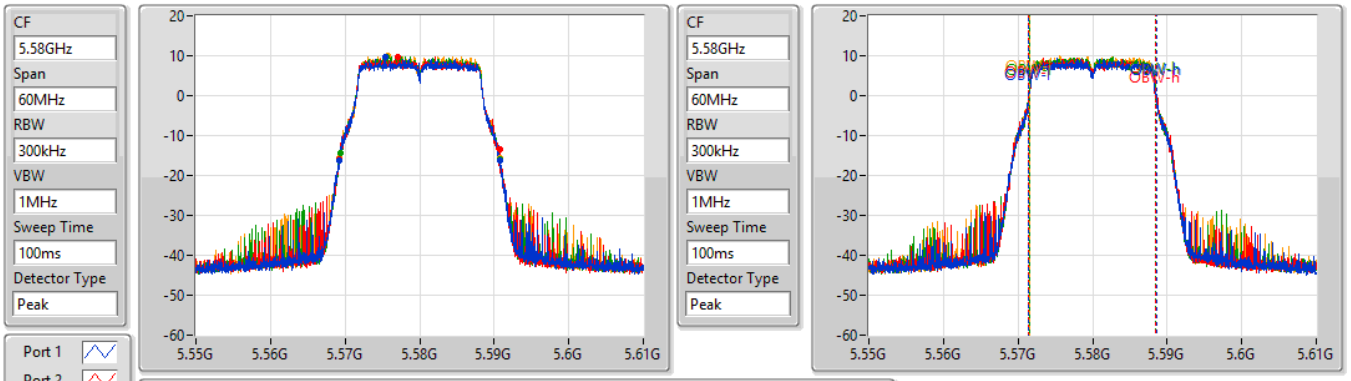
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.48926G	5.51083G	17.151M	5.491454G	5.508606G	Inf	1
21.51M	5.48929G	5.5108G	17.031M	5.491514G	5.508546G	Inf	2
21.45M	5.48938G	5.51083G	16.942M	5.491574G	5.508516G	Inf	3
21.48M	5.48926G	5.51074G	16.972M	5.491544G	5.508516G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5580MHz

07/07/2022



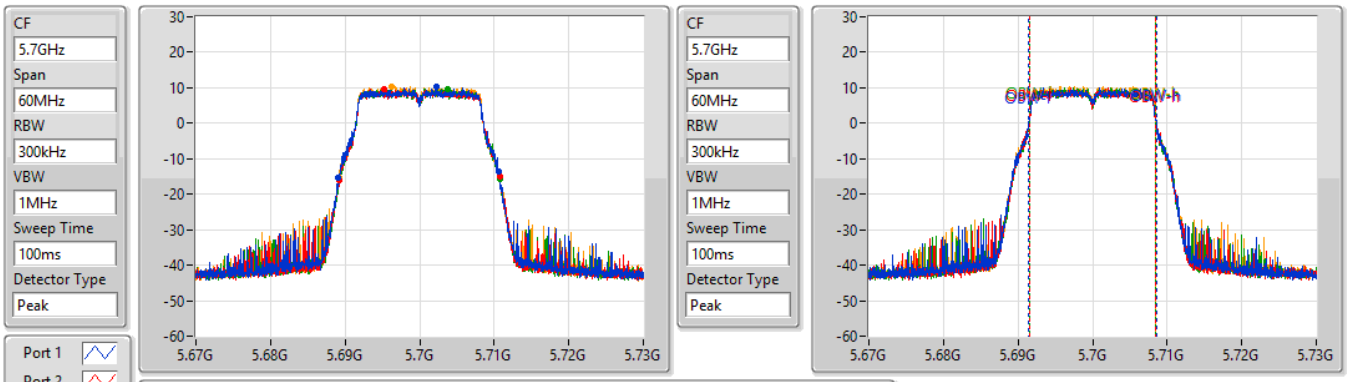
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.56917G	5.59071G	17.091M	5.571454G	5.588546G	Inf	1
21.54M	5.56923G	5.59077G	17.091M	5.571424G	5.588516G	Inf	2
21.39M	5.56935G	5.59074G	16.972M	5.571514G	5.588486G	Inf	3
21.45M	5.56929G	5.59074G	16.942M	5.571514G	5.588456G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5700MHz

07/07/2022

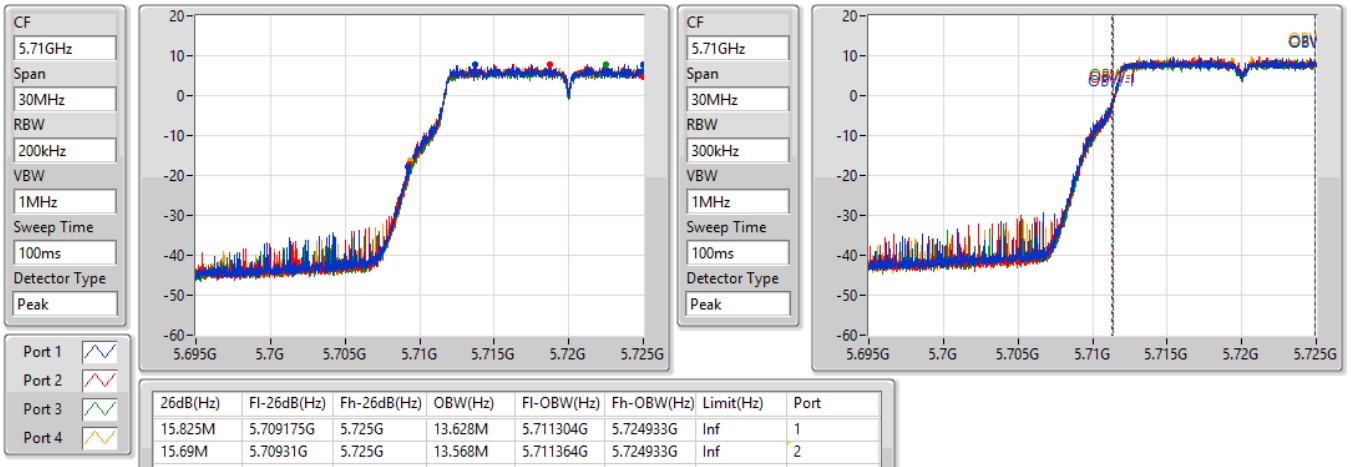


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.68899G	5.71065G	17.121M	5.691424G	5.708546G	Inf	1
21.54M	5.6892G	5.71074G	17.031M	5.691484G	5.708516G	Inf	2
21.57M	5.6892G	5.71077G	16.972M	5.691514G	5.708486G	Inf	3
21.57M	5.6892G	5.71077G	16.942M	5.691514G	5.708456G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

07/07/2022

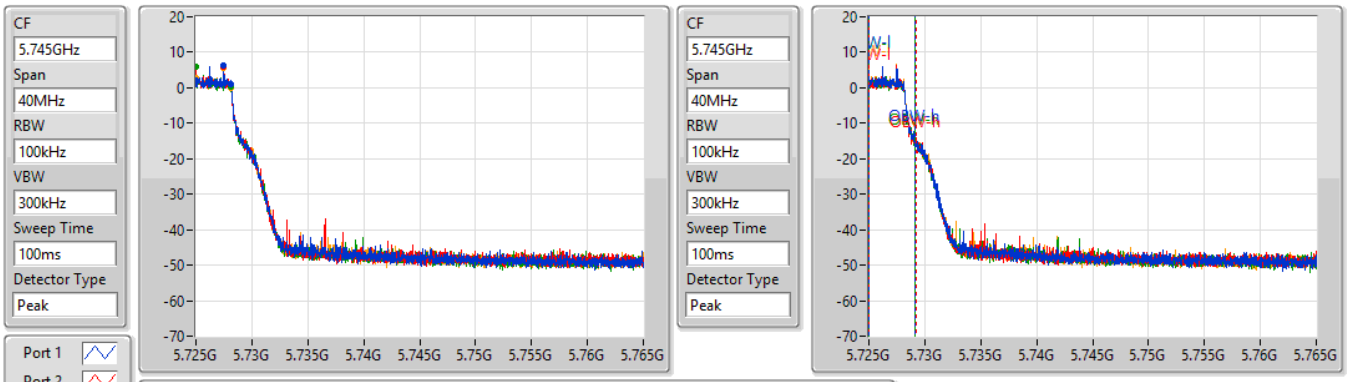


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.825M	5.709175G	5.725G	13.628M	5.711304G	5.724933G	Inf	1
15.69M	5.70931G	5.725G	13.568M	5.711364G	5.724933G	Inf	2
15.585M	5.709415G	5.725G	13.538M	5.711394G	5.724933G	Inf	3
15.63M	5.70937G	5.725G	13.523M	5.711409G	5.724933G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

07/07/2022

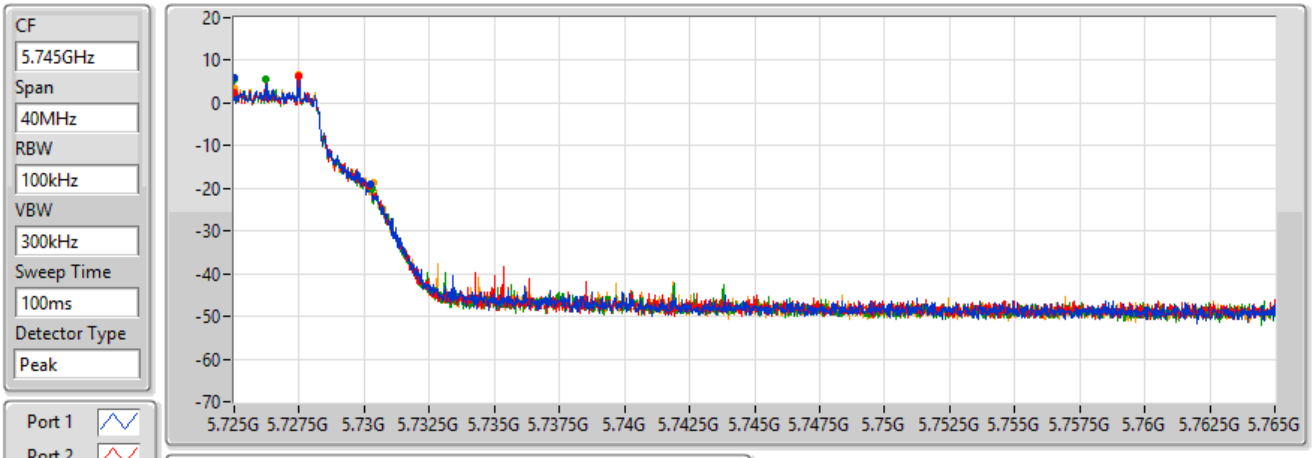


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.14M	5.725G	5.72814G	4.158M	5.72501G	5.729168G	500k	1
3.14M	5.725G	5.72814G	4.178M	5.72501G	5.729188G	500k	2
3.14M	5.725G	5.72814G	4.158M	5.72501G	5.729168G	500k	3
3.16M	5.725G	5.72816G	4.158M	5.72501G	5.729168G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

07/07/2022

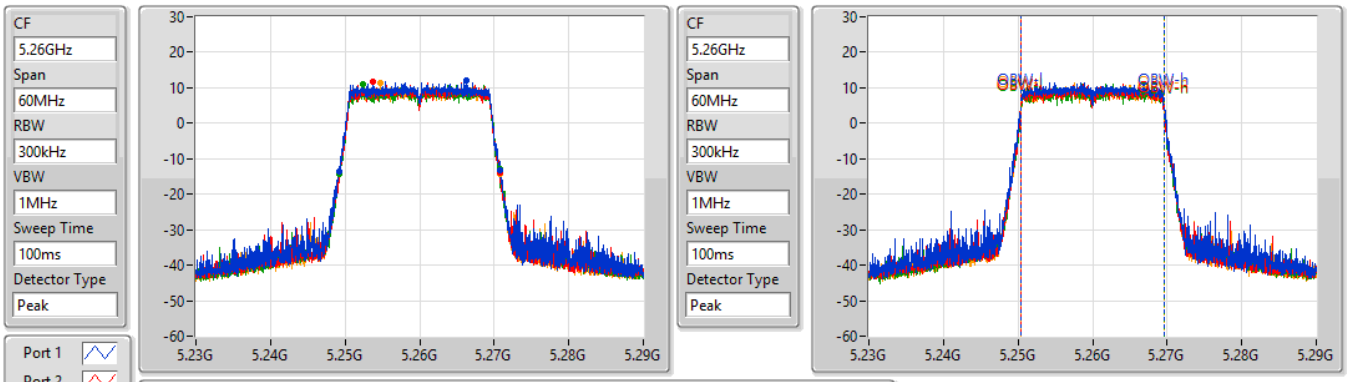


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.24M	5.725G	5.73024G	Inf	1
5.16M	5.725G	5.73016G	Inf	2
5.28M	5.725G	5.73028G	Inf	3
5.34M	5.725G	5.73034G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5260MHz

07/07/2022

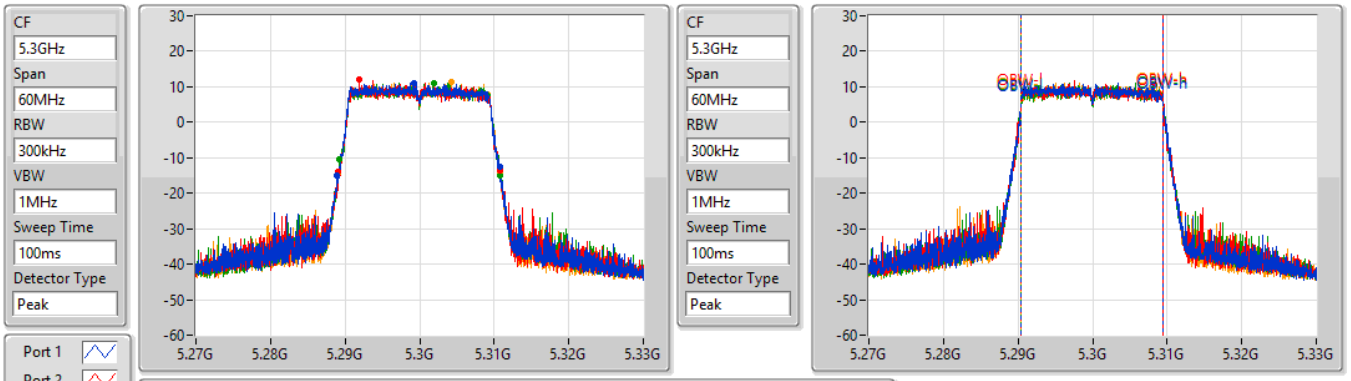


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.2492G	5.27077G	19.16M	5.250405G	5.269565G	Inf	1
21.6M	5.24917G	5.27077G	19.13M	5.250405G	5.269535G	Inf	2
21.6M	5.24914G	5.27074G	19.1M	5.250435G	5.269535G	Inf	3
21.57M	5.24923G	5.2708G	19.1M	5.250435G	5.269535G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5300MHz

07/07/2022

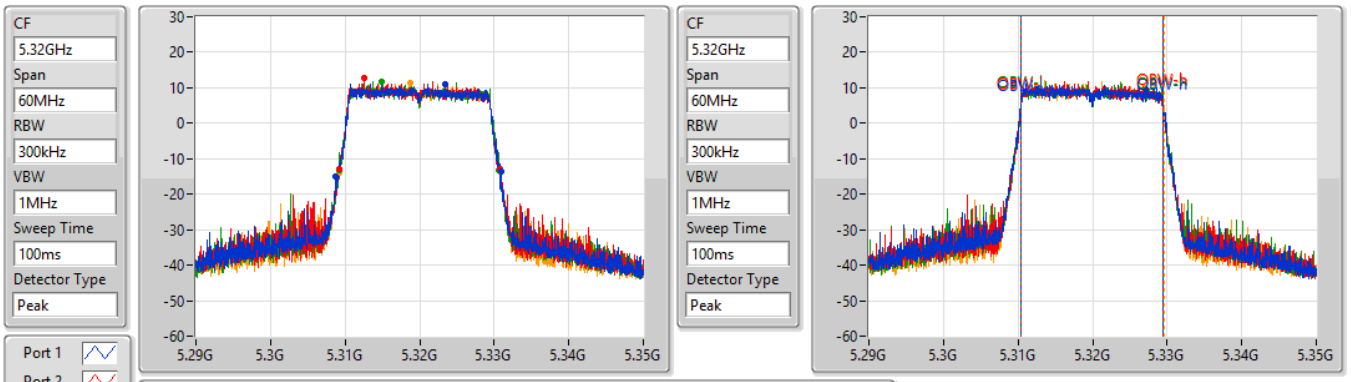


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.96M	5.2889G	5.31086G	19.1M	5.290405G	5.309505G	Inf	1
21.63M	5.28908G	5.31071G	19.1M	5.290405G	5.309505G	Inf	2
21.63M	5.2892G	5.31083G	19.1M	5.290405G	5.309505G	Inf	3
21.69M	5.28908G	5.31077G	19.07M	5.290435G	5.309505G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5320MHz

07/07/2022

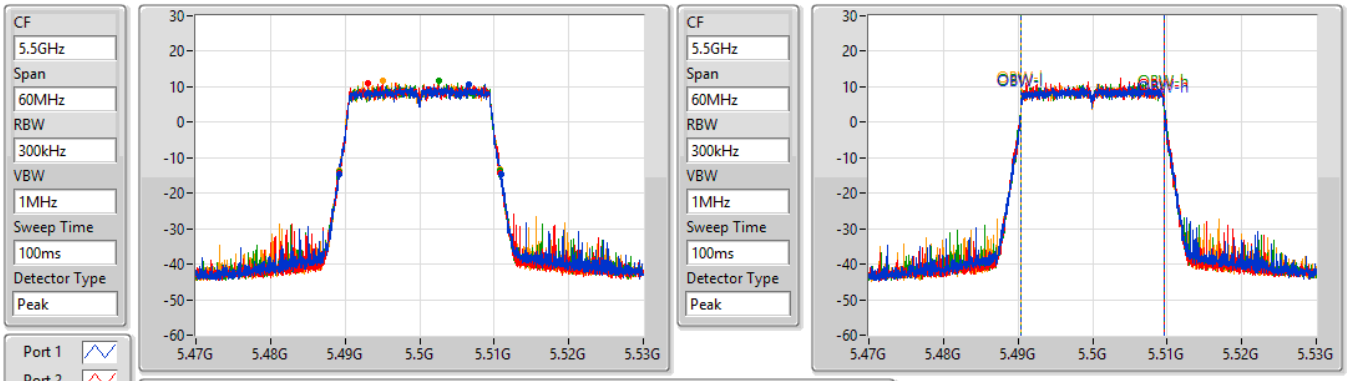


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.11M	5.30878G	5.33089G	19.13M	5.310375G	5.329505G	Inf	1
21.51M	5.30923G	5.33074G	19.07M	5.310405G	5.329475G	Inf	2
21.51M	5.30917G	5.33068G	19.16M	5.310345G	5.329505G	Inf	3
21.6M	5.30914G	5.33074G	19.13M	5.310405G	5.329535G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5500MHz

07/07/2022

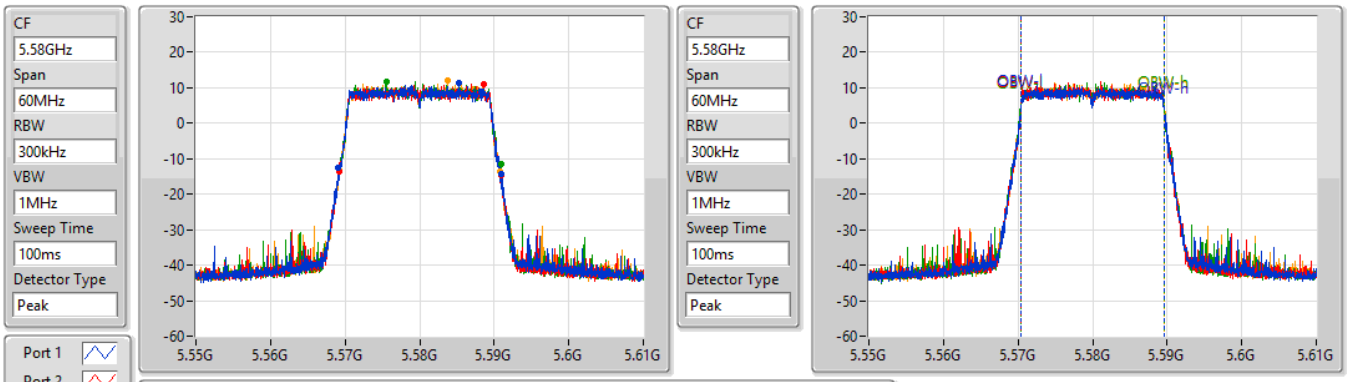


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	5.48914G	5.51092G	19.13M	5.490435G	5.509565G	Inf	1
21.66M	5.48917G	5.51083G	19.1M	5.490465G	5.509565G	Inf	2
21.63M	5.48917G	5.5108G	19.13M	5.490435G	5.509565G	Inf	3
21.69M	5.48917G	5.51086G	19.1M	5.490465G	5.509565G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5580MHz

07/07/2022



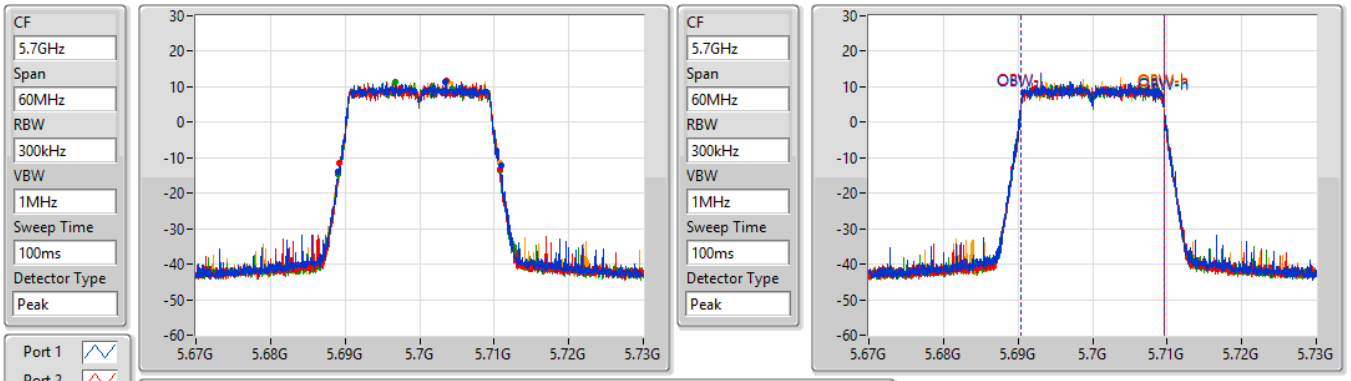
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	5.56911G	5.59089G	19.16M	5.570405G	5.589565G	Inf	1
21.81M	5.56914G	5.59095G	19.13M	5.570435G	5.589565G	Inf	2
21.75M	5.56914G	5.59089G	19.13M	5.570405G	5.589535G	Inf	3
21.72M	5.56914G	5.59086G	19.1M	5.570435G	5.589535G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5700MHz

07/07/2022



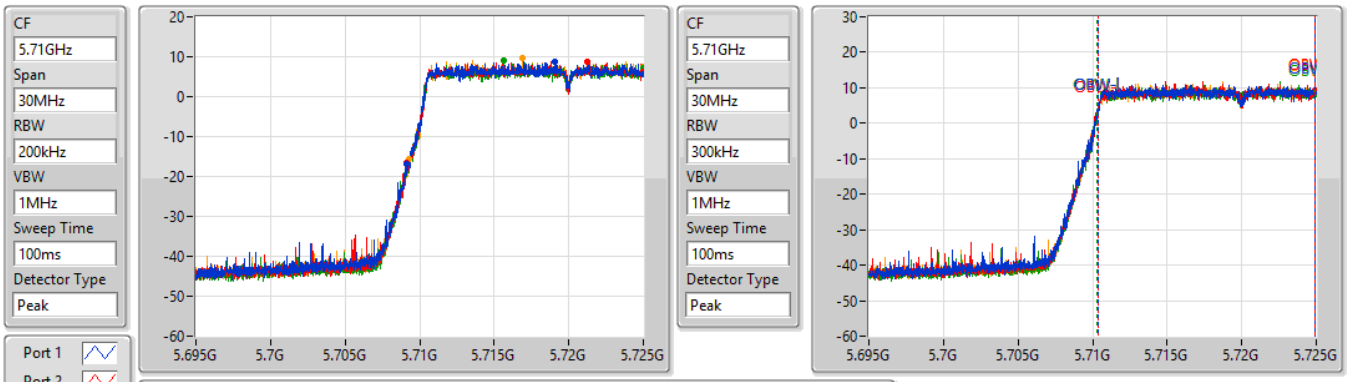
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.68911G	5.71092G	19.13M	5.690405G	5.709535G	Inf	1
21.57M	5.68917G	5.71074G	19.1M	5.690435G	5.709535G	Inf	2
21.81M	5.68905G	5.71086G	19.1M	5.690435G	5.709535G	Inf	3
21.72M	5.68908G	5.7108G	19.13M	5.690405G	5.709535G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

07/07/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.915M	5.709085G	5.725G	14.573M	5.710345G	5.724918G	Inf	1
15.855M	5.709145G	5.725G	14.573M	5.71036G	5.724933G	Inf	2
15.9M	5.7091G	5.725G	14.603M	5.71033G	5.724933G	Inf	3
15.675M	5.709325G	5.725G	14.573M	5.71036G	5.724933G	Inf	4

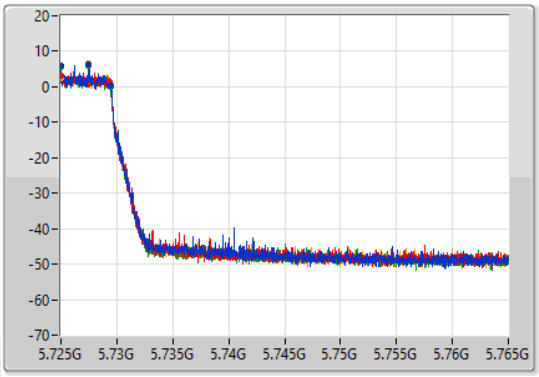
802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

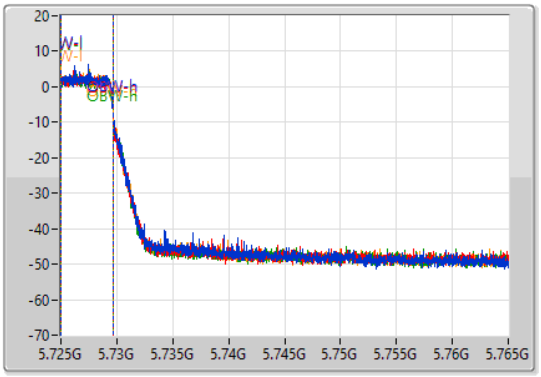
07/07/2022

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

Port 1
Port 2
Port 3
Port 4



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



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.48M	5.725G	5.72948G	4.678M	5.72501G	5.729688G	500k	1
4.4M	5.725G	5.7294G	4.658M	5.72501G	5.729668G	500k	2
4.46M	5.725G	5.72946G	4.658M	5.72501G	5.729668G	500k	3
4.44M	5.725G	5.72944G	4.638M	5.72503G	5.729668G	500k	4

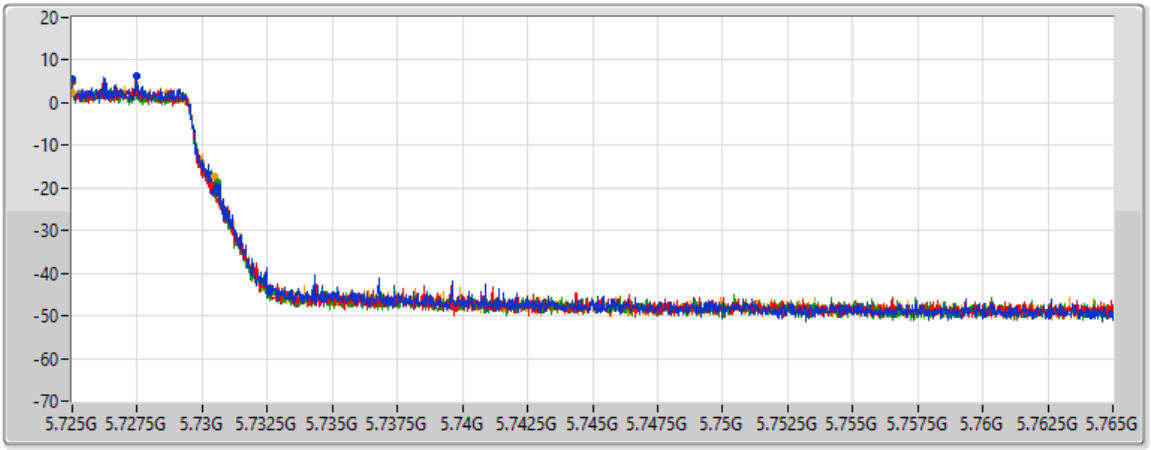
802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

07/07/2022

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

Port 1
Port 2
Port 3
Port 4

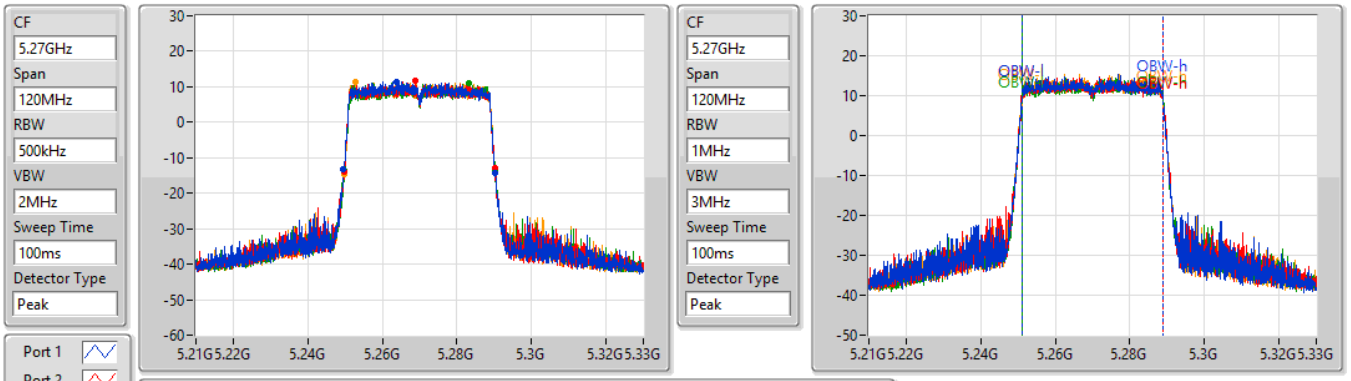


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.6M	5.725G	5.7306G	Inf	1
5.38M	5.725G	5.73038G	Inf	2
5.6M	5.725G	5.7306G	Inf	3
5.44M	5.725G	5.73044G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5270MHz

07/07/2022

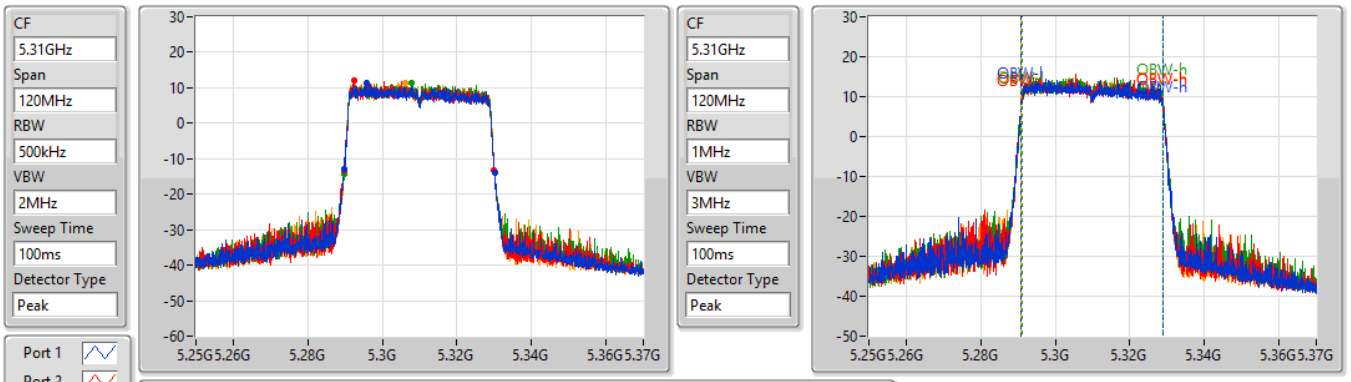


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.62M	5.24954G	5.29016G	37.841M	5.251049G	5.288891G	Inf	1
40.32M	5.24978G	5.2901G	37.901M	5.25099G	5.288891G	Inf	2
40.44M	5.24978G	5.29022G	37.961M	5.25099G	5.288951G	Inf	3
40.56M	5.24966G	5.29022G	37.901M	5.25099G	5.288891G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5310MHz

07/07/2022

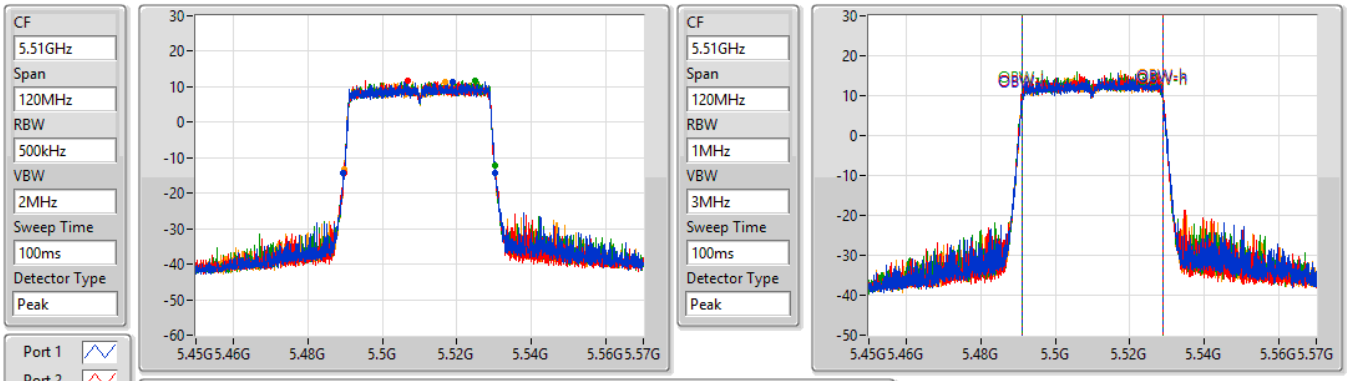


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	5.28966G	5.3301G	37.961M	5.29087G	5.328831G	Inf	1
40.38M	5.28966G	5.33004G	37.901M	5.29093G	5.328831G	Inf	2
40.5M	5.28966G	5.33016G	37.901M	5.29099G	5.328891G	Inf	3
40.38M	5.28972G	5.3301G	37.901M	5.29093G	5.328831G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5510MHz

07/07/2022

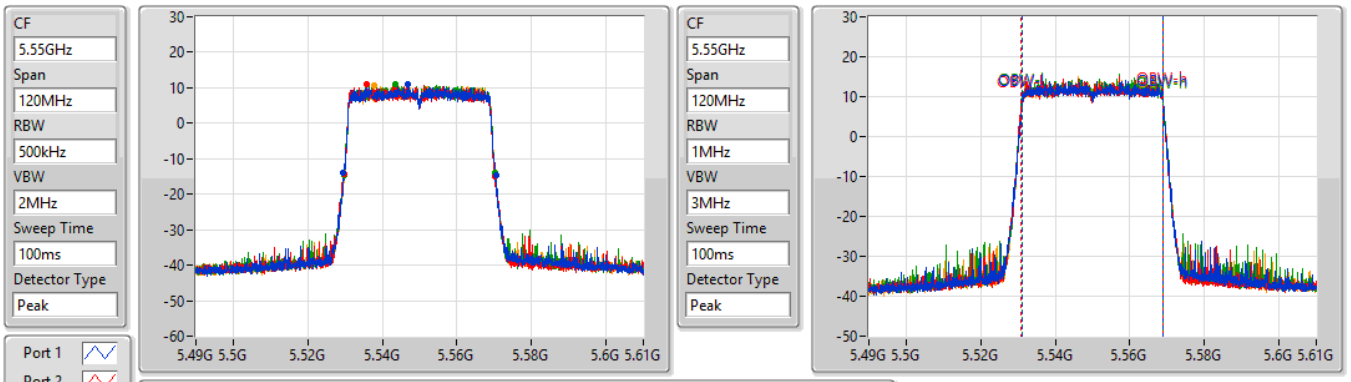


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.68M	5.4896G	5.53028G	37.901M	5.491049G	5.528951G	Inf	1
40.5M	5.48966G	5.53016G	38.021M	5.49099G	5.52901G	Inf	2
40.38M	5.48972G	5.5301G	37.961M	5.49099G	5.528951G	Inf	3
40.38M	5.48984G	5.53022G	37.901M	5.491049G	5.528951G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5550MHz

07/07/2022

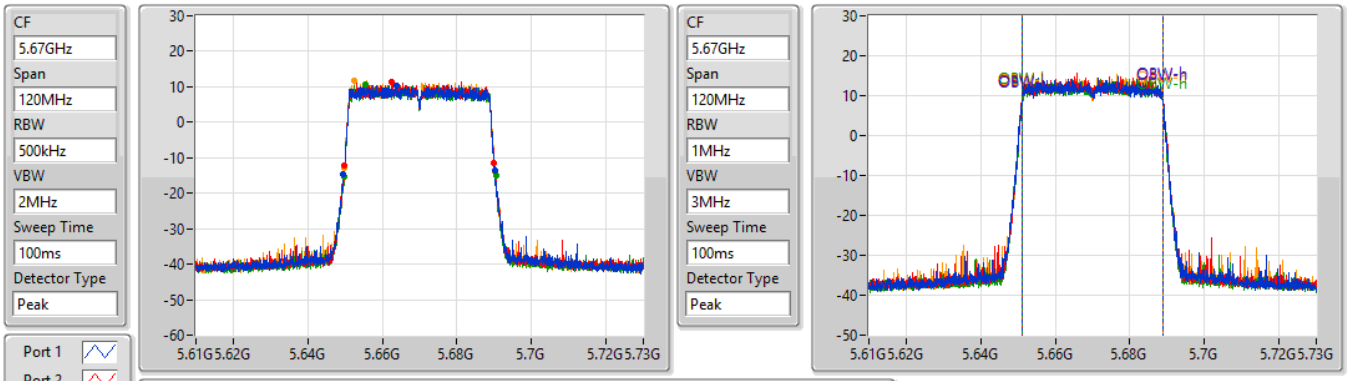


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.86M	5.5296G	5.57046G	37.901M	5.531049G	5.568951G	Inf	1
40.38M	5.52978G	5.57016G	38.021M	5.53093G	5.568951G	Inf	2
40.38M	5.5299G	5.57028G	37.901M	5.53099G	5.568891G	Inf	3
40.62M	5.52966G	5.57028G	37.901M	5.531049G	5.568951G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5670MHz

07/07/2022

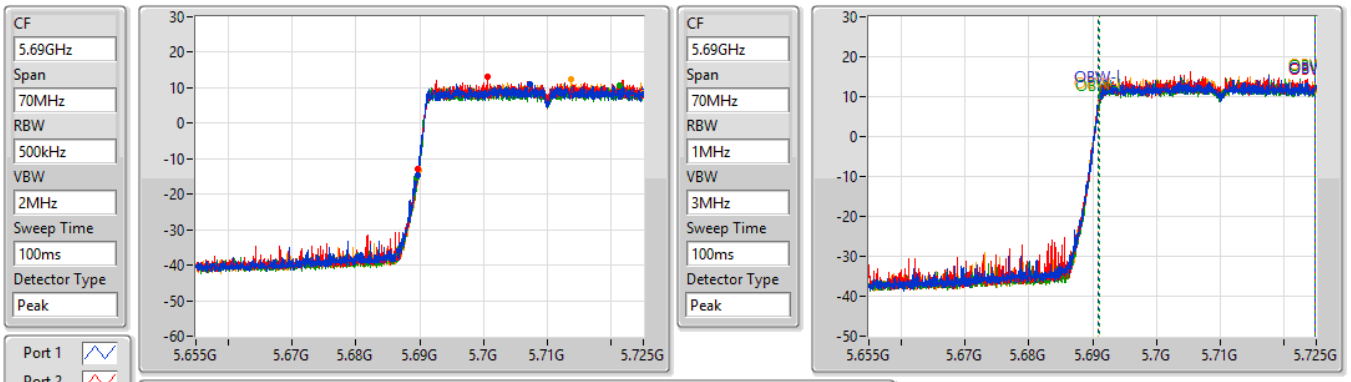


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.62M	5.6496G	5.69022G	37.901M	5.65099G	5.688891G	Inf	1
40.26M	5.64978G	5.69004G	37.961M	5.65099G	5.688951G	Inf	2
40.68M	5.64978G	5.69046G	37.961M	5.65099G	5.688951G	Inf	3
40.5M	5.64978G	5.69028G	37.841M	5.651049G	5.688891G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

07/07/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.385M	5.689615G	5.725G	33.933M	5.69091G	5.724843G	Inf	1
35.245M	5.689755G	5.725G	33.863M	5.690945G	5.724808G	Inf	2
35.49M	5.68951G	5.725G	33.863M	5.69098G	5.724843G	Inf	3
35.175M	5.689825G	5.725G	33.863M	5.690945G	5.724808G	Inf	4

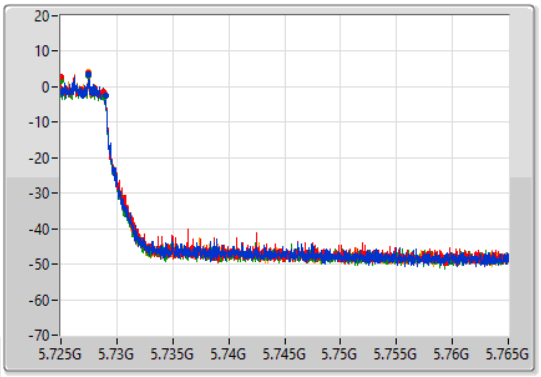
802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

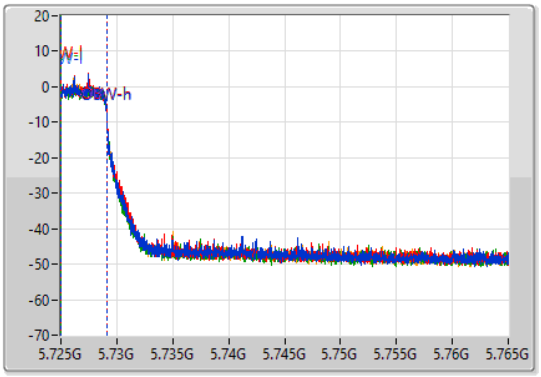
07/07/2022

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

Port 1
Port 2
Port 3
Port 4



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



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.98M	5.725G	5.72898G	4.098M	5.72503G	5.729128G	500k	1
3.76M	5.725G	5.72876G	4.118M	5.72501G	5.729128G	500k	2
3.86M	5.725G	5.72886G	4.118M	5.72501G	5.729128G	500k	3
3.88M	5.725G	5.72888G	4.118M	5.72501G	5.729128G	500k	4

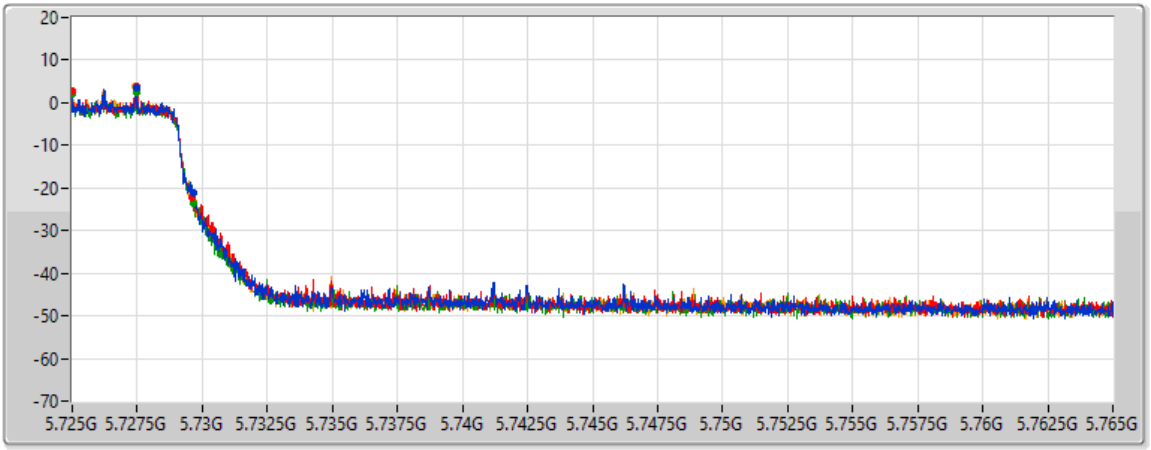
802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

07/07/2022

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

Port 1
Port 2
Port 3
Port 4

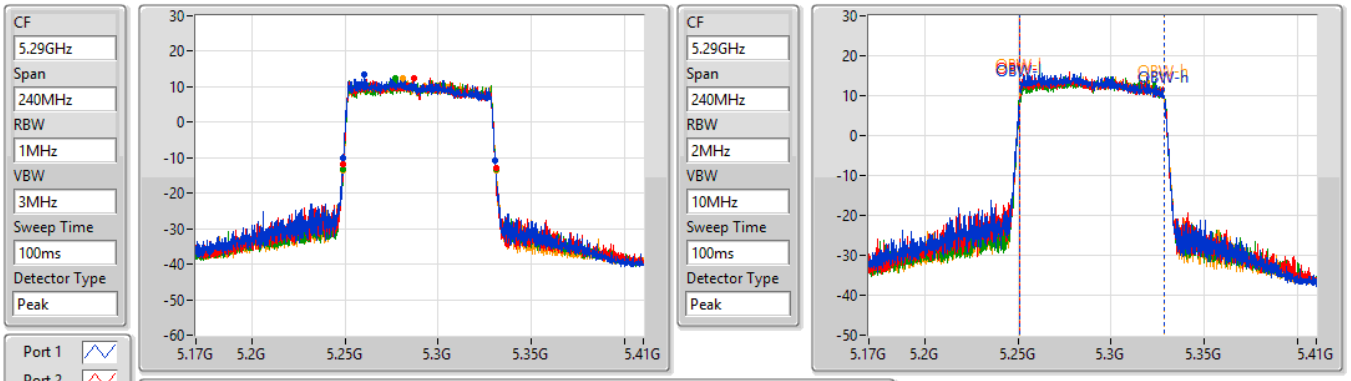


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.68M	5.725G	5.72968G	Inf	1
4.6M	5.725G	5.7296G	Inf	2
4.64M	5.725G	5.72964G	Inf	3
4.58M	5.725G	5.72958G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5290MHz

07/07/2022

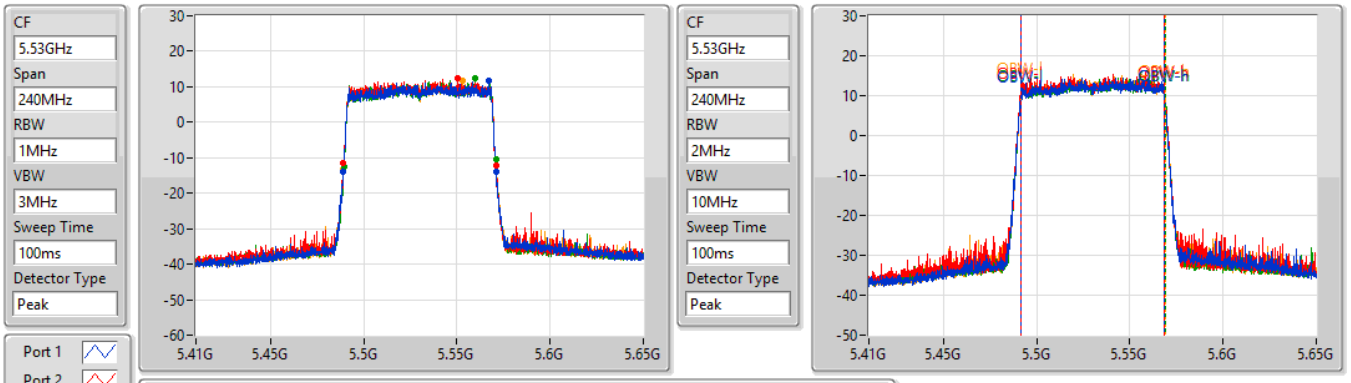


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.24896G	5.33068G	77.481M	5.251019G	5.328501G	Inf	1
81.6M	5.2492G	5.3308G	77.361M	5.251139G	5.328501G	Inf	2
81.6M	5.2492G	5.3308G	77.601M	5.251139G	5.328741G	Inf	3
82.2M	5.24884G	5.33104G	77.601M	5.251019G	5.328621G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5530MHz

07/07/2022

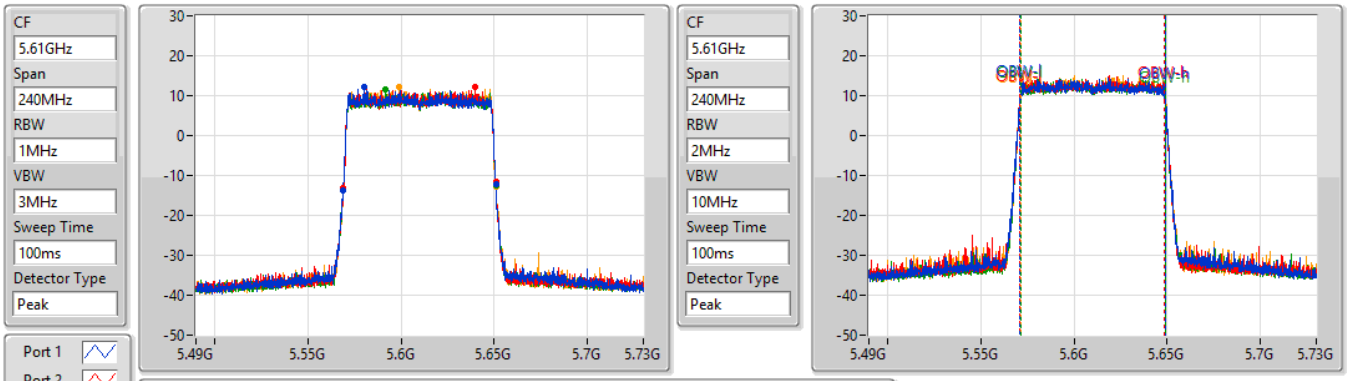


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.4892G	5.57116G	77.481M	5.491259G	5.568741G	Inf	1
81.72M	5.4892G	5.57092G	77.481M	5.491259G	5.568741G	Inf	2
81.36M	5.48944G	5.5708G	77.481M	5.491379G	5.568861G	Inf	3
81.96M	5.48908G	5.57104G	77.481M	5.491379G	5.568861G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5610MHz

07/07/2022

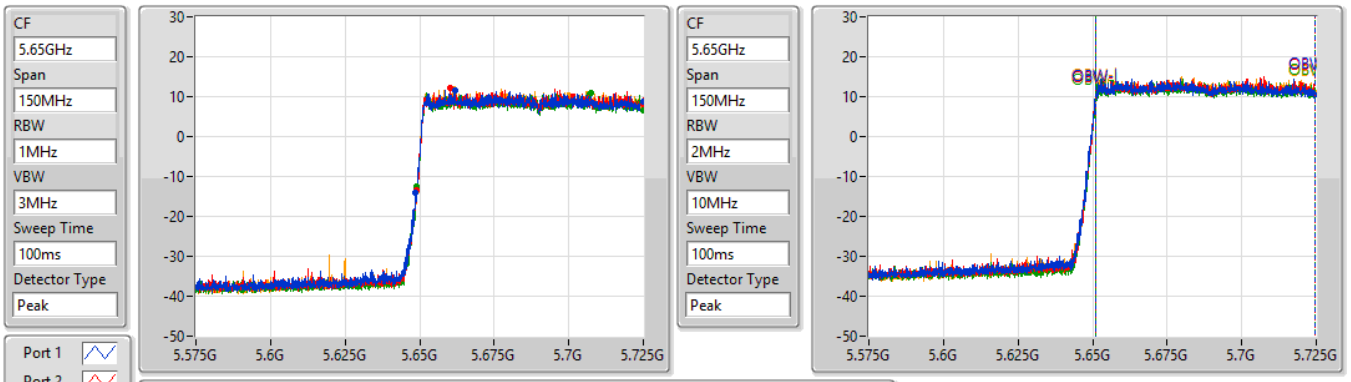


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.56896G	5.65092G	77.721M	5.571139G	5.648861G	Inf	1
81.6M	5.5692G	5.6508G	77.601M	5.571139G	5.648741G	Inf	2
82.08M	5.56884G	5.65092G	77.601M	5.571259G	5.648861G	Inf	3
82.08M	5.56908G	5.65116G	77.601M	5.571259G	5.648861G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

07/07/2022

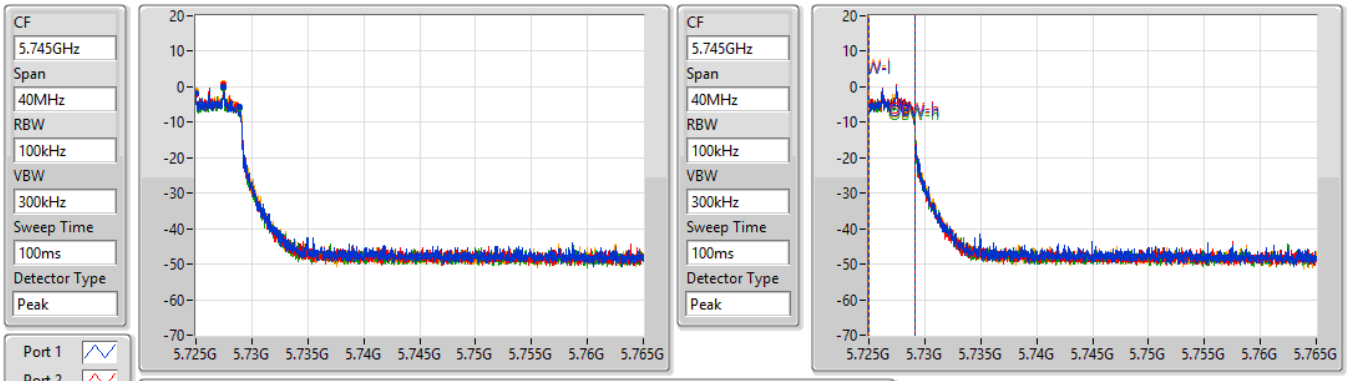


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.35M	5.64865G	5.725G	73.538M	5.650975G	5.724513G	Inf	1
75.975M	5.649025G	5.725G	73.463M	5.651049G	5.724513G	Inf	2
76.05M	5.64895G	5.725G	73.463M	5.651049G	5.724513G	Inf	3
75.9M	5.6491G	5.725G	73.463M	5.651124G	5.724588G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

07/07/2022

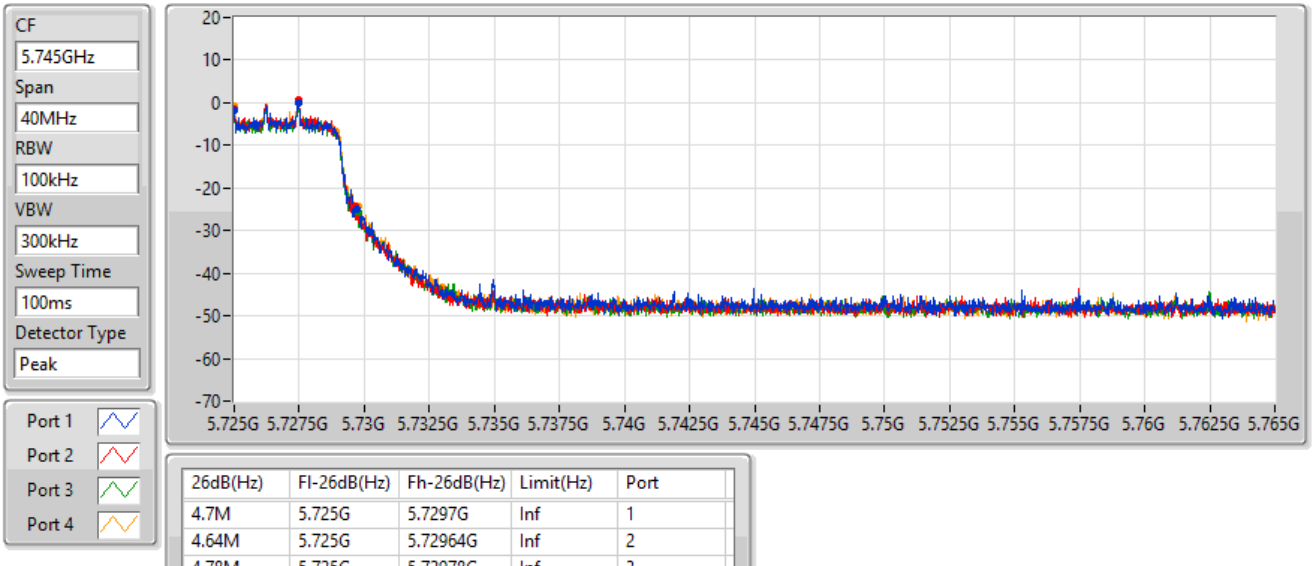


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.94M	5.725G	5.72894G	4.138M	5.72501G	5.729148G	500k	1
3.64M	5.725G	5.72864G	4.118M	5.72501G	5.729128G	500k	2
3.86M	5.725G	5.72886G	4.138M	5.72501G	5.729148G	500k	3
3.6M	5.725G	5.7286G	4.158M	5.72501G	5.729168G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

07/07/2022



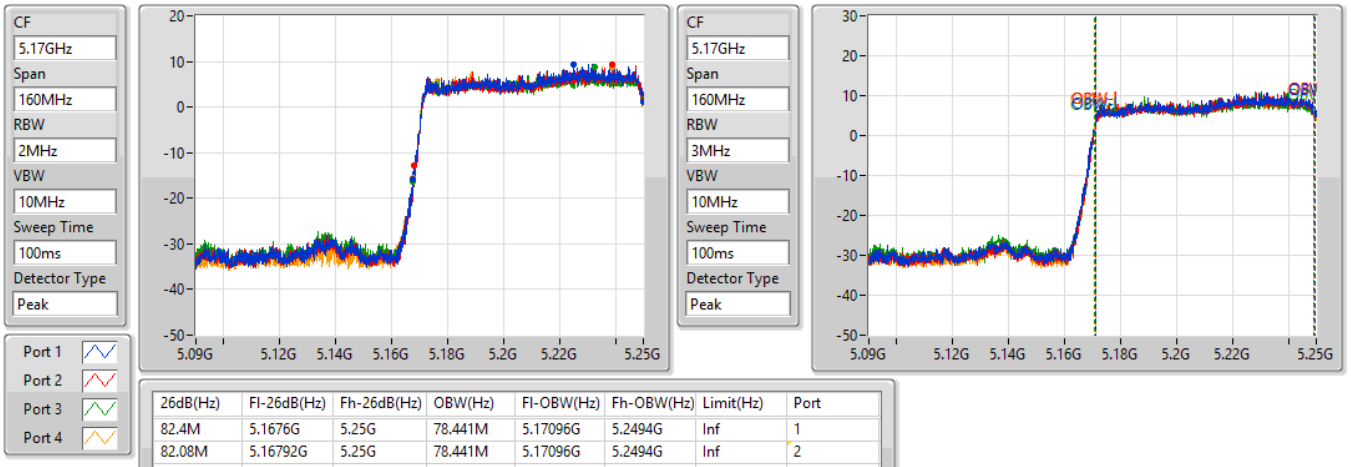
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.7M	5.725G	5.7297G	Inf	1
4.64M	5.725G	5.72964G	Inf	2
4.78M	5.725G	5.72978G	Inf	3
4.8M	5.725G	5.7298G	Inf	4

802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

07/07/2022



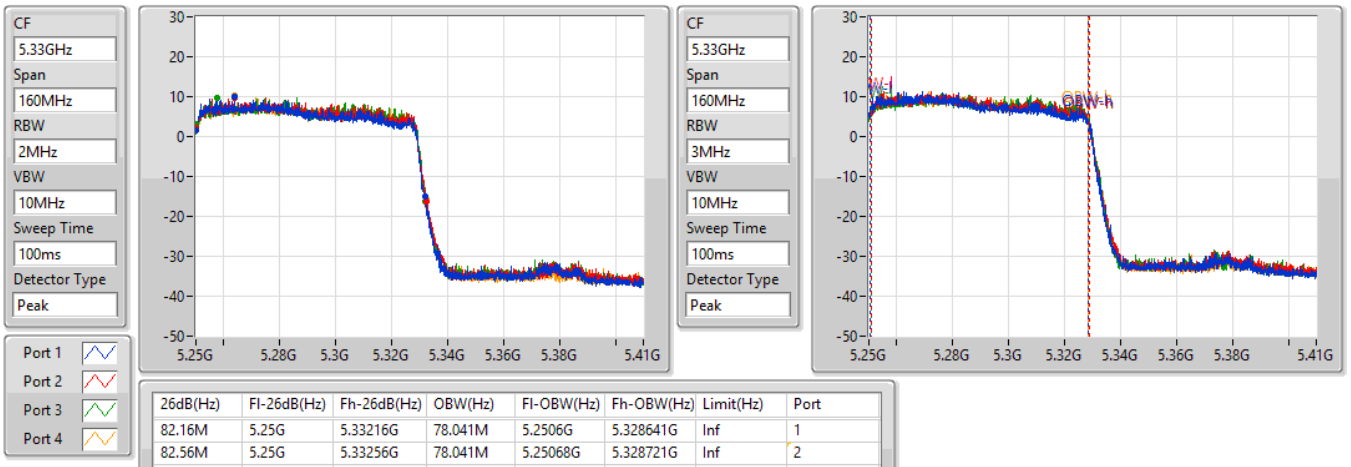
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.4M	5.1676G	5.25G	78.441M	5.17096G	5.2494G	Inf	1
82.08M	5.16792G	5.25G	78.441M	5.17096G	5.2494G	Inf	2
82.32M	5.17768G	5.25G	78.441M	5.17088G	5.24932G	Inf	3
82.4M	5.1676G	5.25G	78.441M	5.17088G	5.24932G	Inf	4

802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

07/07/2022

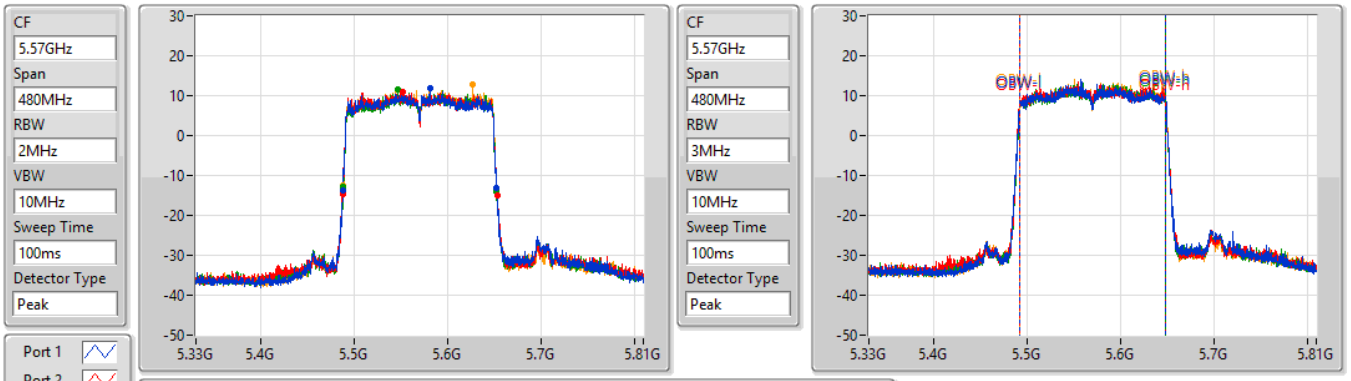


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.16M	5.25G	5.33216G	78.041M	5.2506G	5.328641G	Inf	1
82.56M	5.25G	5.33256G	78.041M	5.25068G	5.328721G	Inf	2
82.08M	5.25G	5.33208G	78.121M	5.25076G	5.328881G	Inf	3
82.64M	5.25G	5.33264G	77.881M	5.25076G	5.328641G	Inf	4

802.11ax HEW160_Nss1,(MCS0)_4TX EBW

5570MHz

07/07/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.12M	5.48768G	5.6528G	156.642M	5.491799G	5.648441G	Inf	1
166.08M	5.4872G	5.65328G	156.642M	5.491799G	5.648441G	Inf	2
164.64M	5.48792G	5.65256G	156.402M	5.492039G	5.648441G	Inf	3
164.16M	5.48816G	5.65232G	156.402M	5.492039G	5.648441G	Inf	4

For beamforming mode:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	82.64M	78.441M	78M4D1D	82.16M	78.361M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.84M	19.16M	19M2D1D	21.48M	19.07M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.5M	37.901M	37M9D1D	40.2M	37.841M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.84M	77.481M	77M5D1D	81.48M	77.241M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	82.8M	78.121M	78M1D1D	82M	77.961M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.96M	19.16M	19M2D1D	15.765M	14.558M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	41.1M	38.021M	38M0D1D	35.28M	33.863M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.32M	77.721M	77M7D1D	75.975M	73.463M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165.12M	156.642M	157MD1D	164.4M	156.402M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.52M	4.678M	4M68D1D	4.44M	4.638M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.94M	4.118M	4M12D1D	3.78M	4.078M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.8M	4.138M	4M14D1D	3.72M	4.098M

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

Result

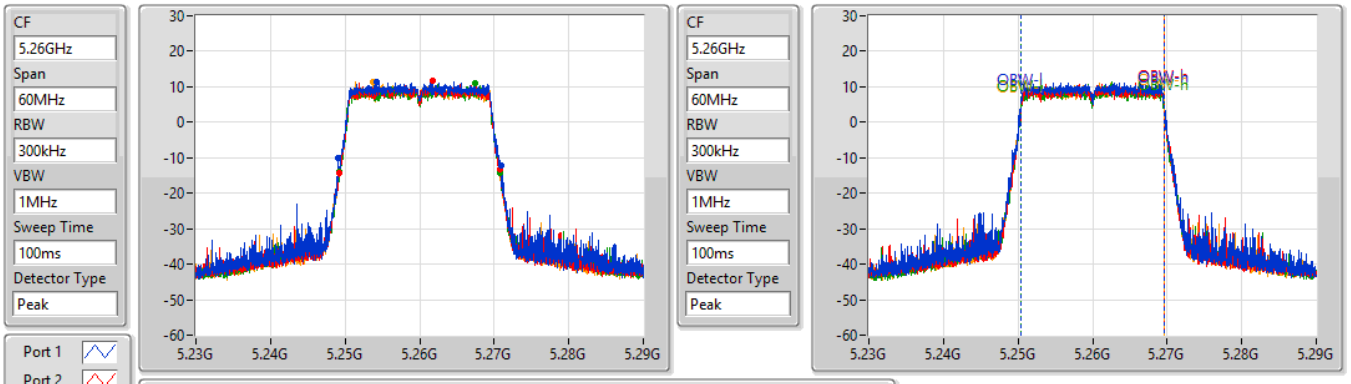
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.84M	19.16M	21.63M	19.07M	21.6M	19.1M	21.66M	19.13M
5300MHz	Pass	Inf	21.72M	19.16M	21.78M	19.1M	21.81M	19.1M	21.72M	19.07M
5320MHz	Pass	Inf	21.75M	19.1M	21.66M	19.13M	21.48M	19.13M	21.6M	19.1M
5500MHz	Pass	Inf	21.9M	19.16M	21.69M	19.1M	21.78M	19.13M	21.66M	19.13M
5580MHz	Pass	Inf	21.96M	19.13M	21.54M	19.1M	21.69M	19.13M	21.57M	19.1M
5700MHz	Pass	Inf	21.72M	19.16M	21.69M	19.1M	21.72M	19.13M	21.51M	19.1M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.78M	14.588M	15.795M	14.603M	15.765M	14.558M	15.84M	14.588M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	4.678M	4.46M	4.658M	4.44M	4.658M	4.48M	4.638M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.5M	37.901M	40.5M	37.841M	40.5M	37.901M	40.32M	37.901M
5310MHz	Pass	Inf	40.2M	37.841M	40.32M	37.901M	40.44M	37.901M	40.38M	37.901M
5510MHz	Pass	Inf	40.56M	37.961M	40.38M	37.901M	40.44M	38.021M	40.56M	37.961M
5550MHz	Pass	Inf	41.1M	37.841M	40.5M	38.021M	40.68M	38.021M	40.5M	37.841M
5670MHz	Pass	Inf	40.44M	37.901M	40.56M	37.961M	40.5M	38.021M	40.56M	37.901M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.35M	33.898M	35.385M	33.933M	35.28M	33.863M	35.42M	33.863M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.078M	3.78M	4.118M	3.88M	4.098M	3.9M	4.118M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.72M	77.361M	81.48M	77.481M	81.84M	77.361M	81.6M	77.241M
5530MHz	Pass	Inf	82.2M	77.601M	81.84M	77.481M	81.84M	77.601M	82.08M	77.601M
5610MHz	Pass	Inf	82.2M	77.721M	82.2M	77.721M	82.08M	77.721M	82.32M	77.601M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.35M	73.463M	76.2M	73.463M	76.125M	73.463M	75.975M	73.538M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	4.138M	3.8M	4.118M	3.76M	4.098M	3.74M	4.138M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.48M	78.361M	82.64M	78.361M	82.4M	78.441M	82.16M	78.361M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.8M	77.961M	82.4M	77.961M	82.08M	78.121M	82M	77.961M
5570MHz	Pass	Inf	164.64M	156.642M	165.12M	156.402M	164.64M	156.402M	164.4M	156.402M

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5260MHz

07/07/2022

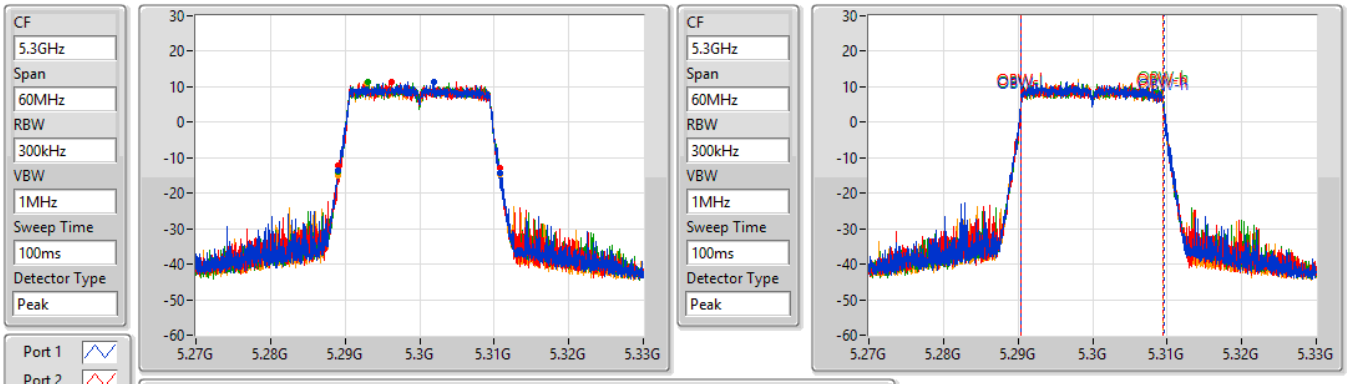


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.84M	5.24911G	5.27095G	19.16M	5.250435G	5.269595G	Inf	1
21.63M	5.24914G	5.27077G	19.07M	5.250465G	5.269535G	Inf	2
21.6M	5.2492G	5.2708G	19.1M	5.250435G	5.269535G	Inf	3
21.66M	5.24914G	5.2708G	19.13M	5.250405G	5.269535G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5300MHz

07/07/2022

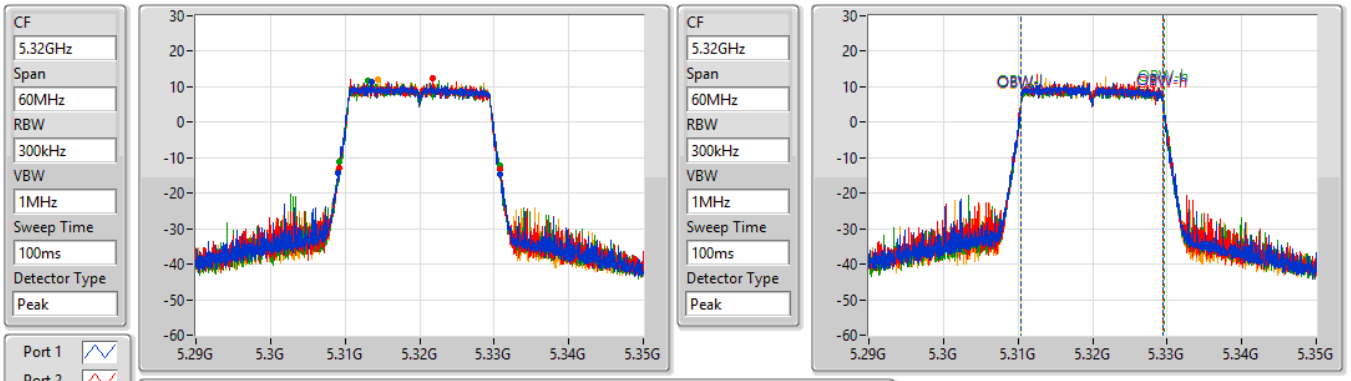


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.28905G	5.31077G	19.16M	5.290375G	5.309535G	Inf	1
21.78M	5.28908G	5.31086G	19.1M	5.290405G	5.309505G	Inf	2
21.81M	5.28905G	5.31086G	19.1M	5.290435G	5.309535G	Inf	3
21.72M	5.28908G	5.3108G	19.07M	5.290435G	5.309505G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5320MHz

07/07/2022

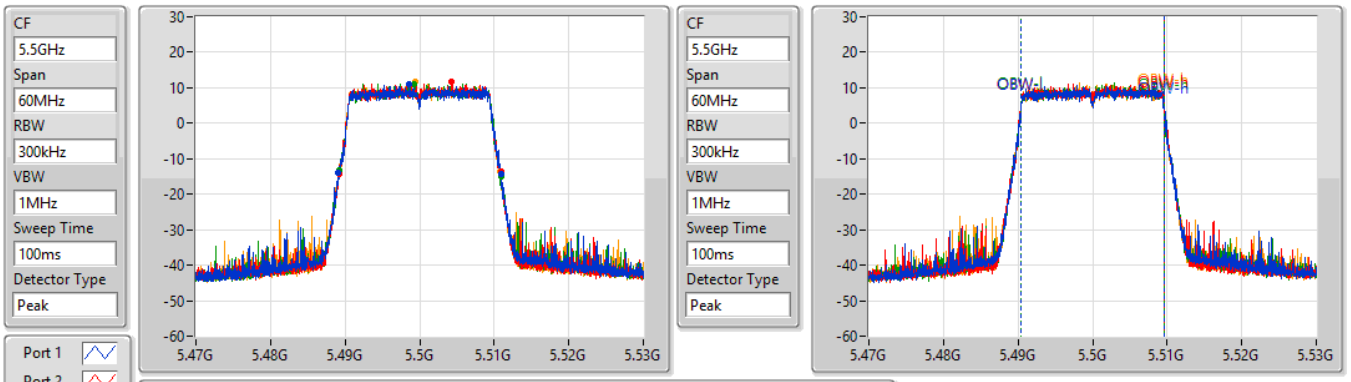


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.30911G	5.33086G	19.1M	5.310405G	5.329505G	Inf	1
21.66M	5.30917G	5.33083G	19.13M	5.310375G	5.329505G	Inf	2
21.48M	5.30926G	5.33074G	19.13M	5.310405G	5.329535G	Inf	3
21.6M	5.30911G	5.33071G	19.1M	5.310405G	5.329505G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5500MHz

07/07/2022

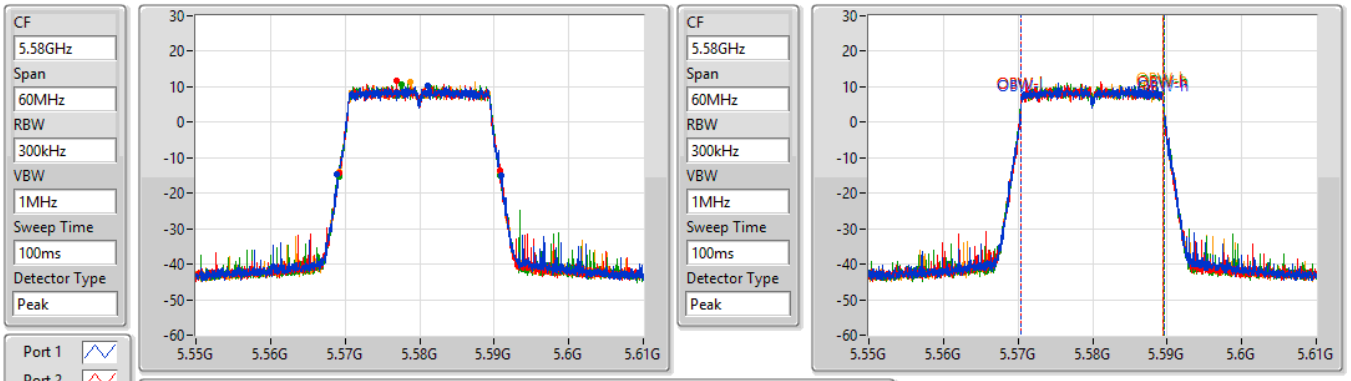


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.9M	5.48908G	5.51098G	19.16M	5.490405G	5.509565G	Inf	1
21.69M	5.4892G	5.51089G	19.1M	5.490435G	5.509535G	Inf	2
21.78M	5.48914G	5.51092G	19.13M	5.490435G	5.509565G	Inf	3
21.66M	5.48914G	5.5108G	19.13M	5.490435G	5.509565G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5580MHz

07/07/2022

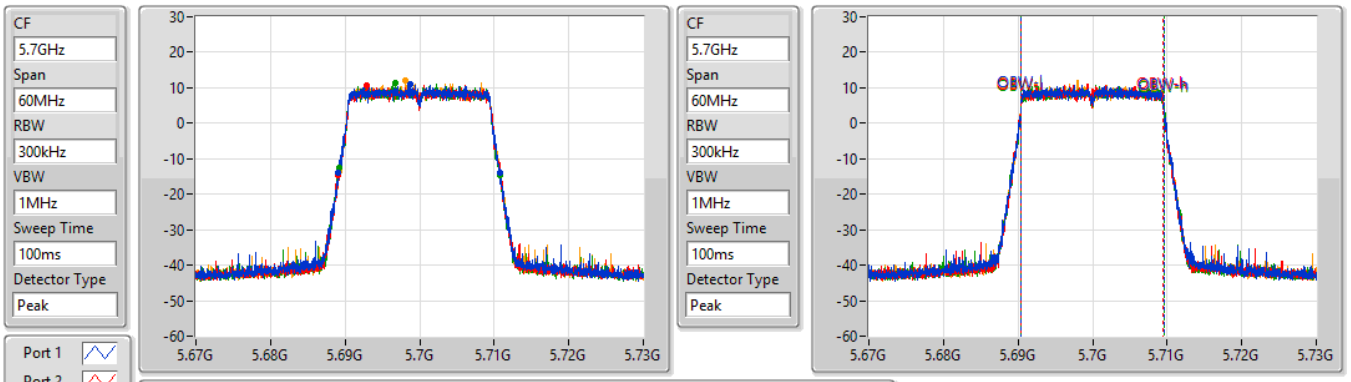


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.96M	5.56896G	5.59092G	19.13M	5.570405G	5.589535G	Inf	1
21.54M	5.5692G	5.59074G	19.1M	5.570405G	5.589505G	Inf	2
21.69M	5.56914G	5.59083G	19.13M	5.570405G	5.589535G	Inf	3
21.57M	5.56923G	5.5908G	19.1M	5.570405G	5.589505G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5700MHz

07/07/2022

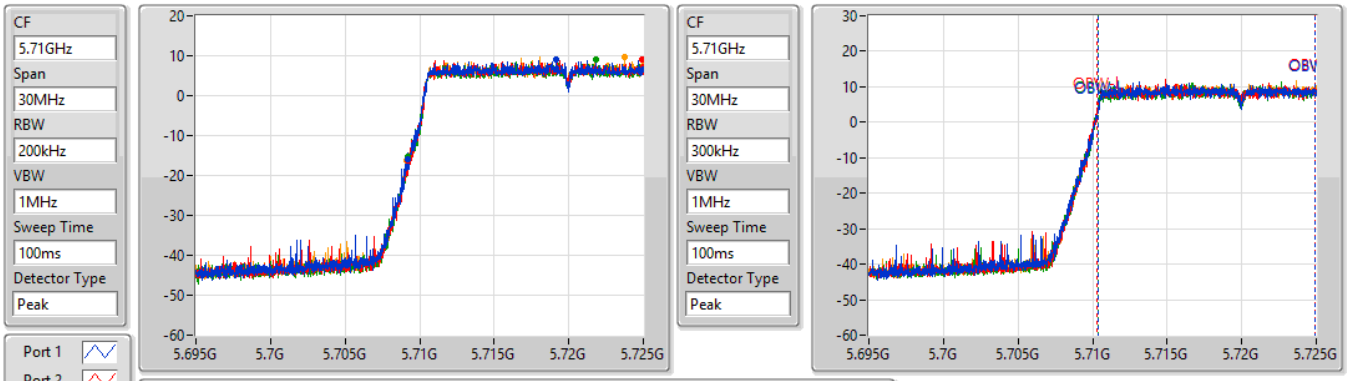


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.68908G	5.7108G	19.16M	5.690405G	5.709565G	Inf	1
21.69M	5.68908G	5.71077G	19.1M	5.690405G	5.709505G	Inf	2
21.72M	5.68914G	5.71086G	19.13M	5.690405G	5.709535G	Inf	3
21.51M	5.6892G	5.71071G	19.1M	5.690435G	5.709535G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

07/07/2022

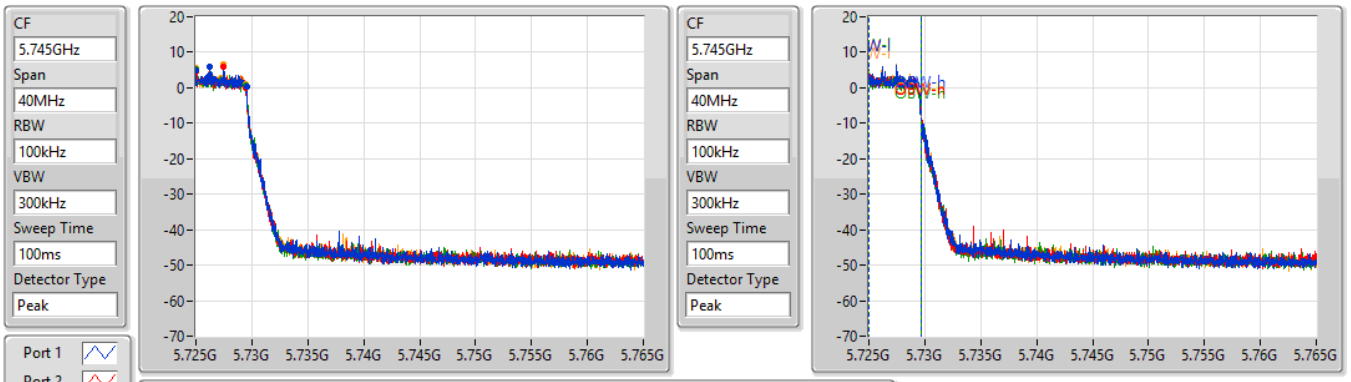


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.78M	5.70922G	5.725G	14.588M	5.710345G	5.724933G	Inf	1
15.795M	5.709205G	5.725G	14.603M	5.710315G	5.724918G	Inf	2
15.765M	5.709235G	5.725G	14.558M	5.71036G	5.724918G	Inf	3
15.84M	5.70916G	5.725G	14.588M	5.71036G	5.724948G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

07/07/2022

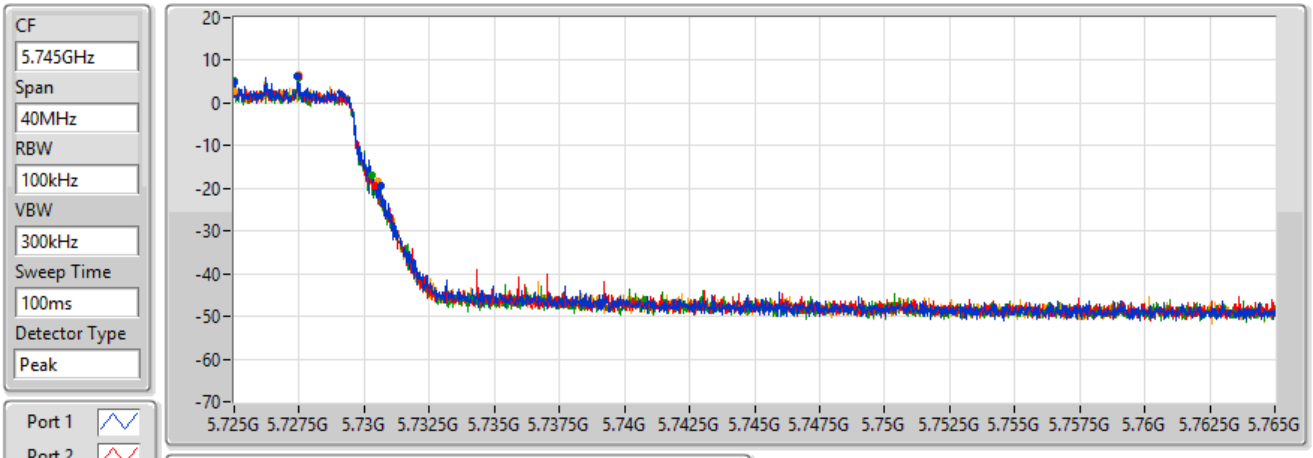


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.52M	5.725G	5.72952G	4.678M	5.72501G	5.729688G	500k	1
4.46M	5.725G	5.72946G	4.658M	5.72501G	5.729668G	500k	2
4.44M	5.725G	5.72944G	4.658M	5.72501G	5.729668G	500k	3
4.48M	5.725G	5.72948G	4.638M	5.72501G	5.729648G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

07/07/2022

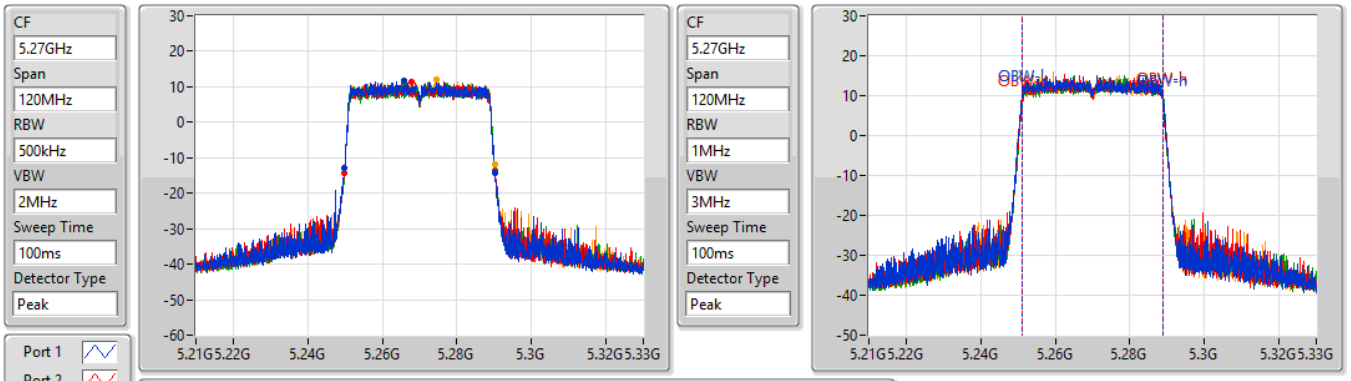


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.62M	5.725G	5.73062G	Inf	1
5.42M	5.725G	5.73042G	Inf	2
5.3M	5.725G	5.7303G	Inf	3
5.54M	5.725G	5.73054G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5270MHz

07/07/2022

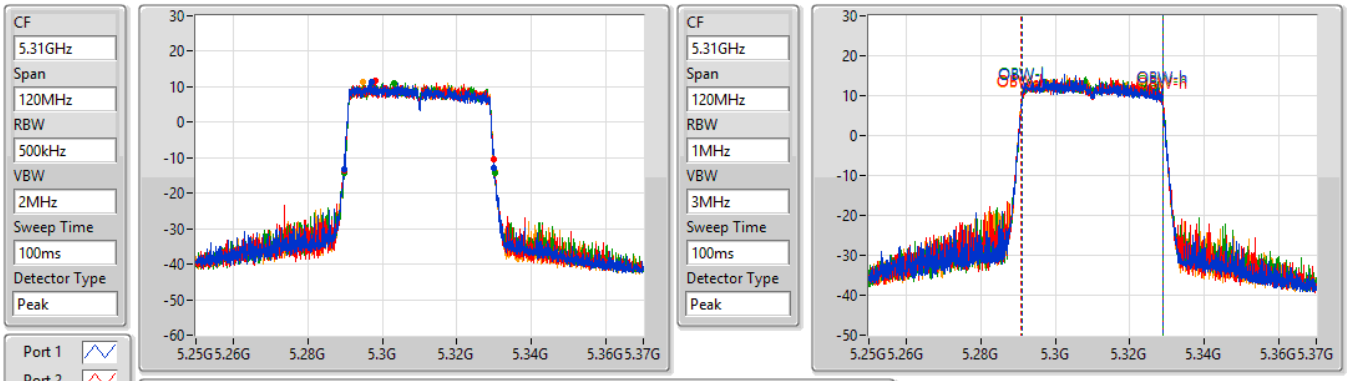


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	5.24978G	5.29028G	37.901M	5.25099G	5.288891G	Inf	1
40.5M	5.24984G	5.29034G	37.841M	5.251049G	5.288891G	Inf	2
40.5M	5.24972G	5.29022G	37.901M	5.251109G	5.28901G	Inf	3
40.32M	5.24978G	5.2901G	37.901M	5.25099G	5.288891G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5310MHz

07/07/2022

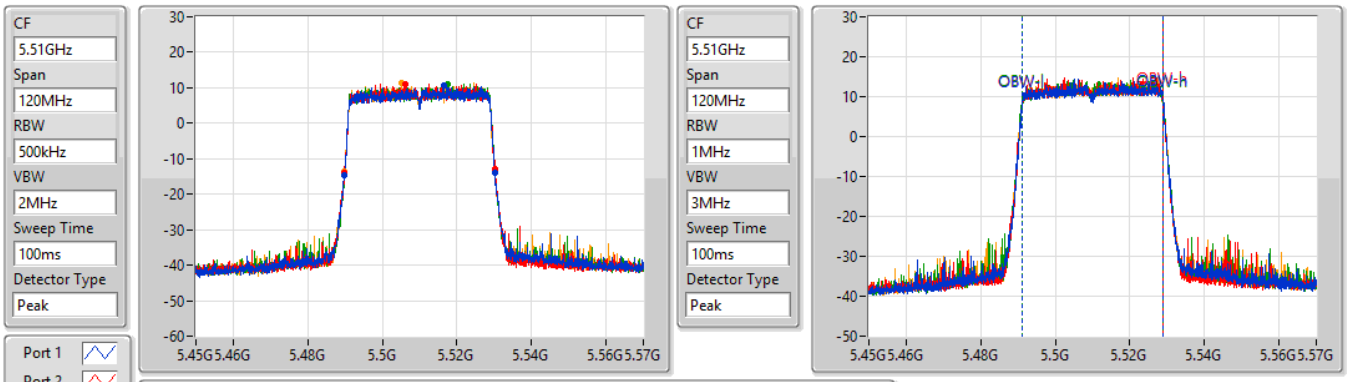


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.28978G	5.32998G	37.841M	5.29099G	5.328831G	Inf	1
40.32M	5.28966G	5.32998G	37.901M	5.29093G	5.328831G	Inf	2
40.44M	5.28966G	5.3301G	37.901M	5.29099G	5.328891G	Inf	3
40.38M	5.28978G	5.33016G	37.901M	5.29093G	5.328831G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5510MHz

07/07/2022

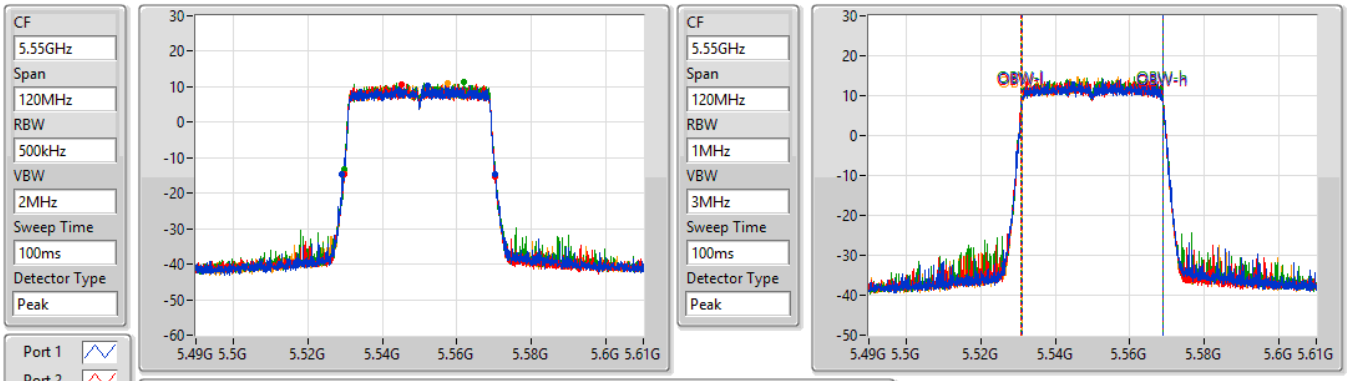


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.56M	5.48966G	5.53022G	37.961M	5.491049G	5.52901G	Inf	1
40.38M	5.48978G	5.53016G	37.901M	5.491049G	5.528951G	Inf	2
40.44M	5.48972G	5.53016G	38.021M	5.49099G	5.52901G	Inf	3
40.56M	5.48972G	5.53028G	37.961M	5.491049G	5.52901G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5550MHz

07/07/2022

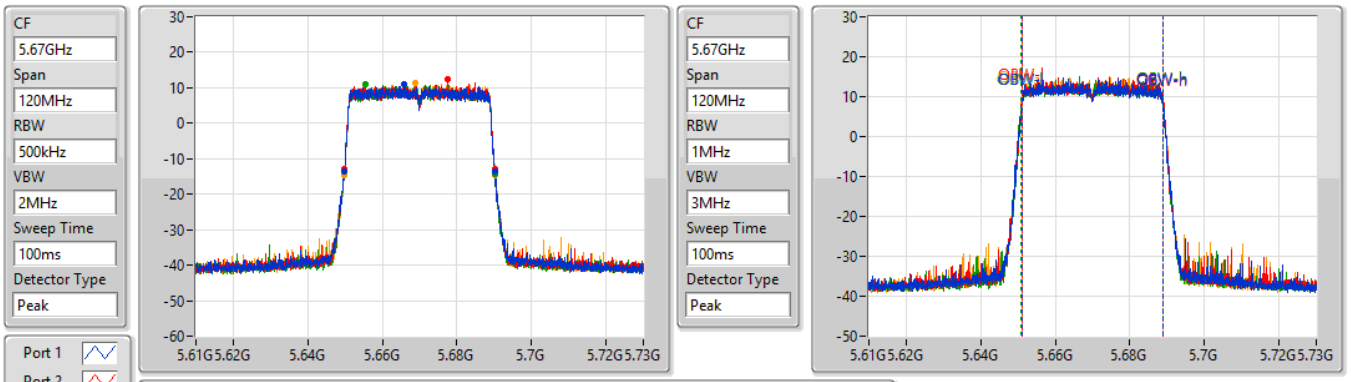


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.1M	5.52924G	5.57034G	37.841M	5.531049G	5.568891G	Inf	1
40.5M	5.52972G	5.57022G	38.021M	5.53093G	5.568951G	Inf	2
40.68M	5.52966G	5.57034G	38.021M	5.53093G	5.568951G	Inf	3
40.5M	5.52978G	5.57028G	37.841M	5.531049G	5.568891G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5670MHz

07/07/2022

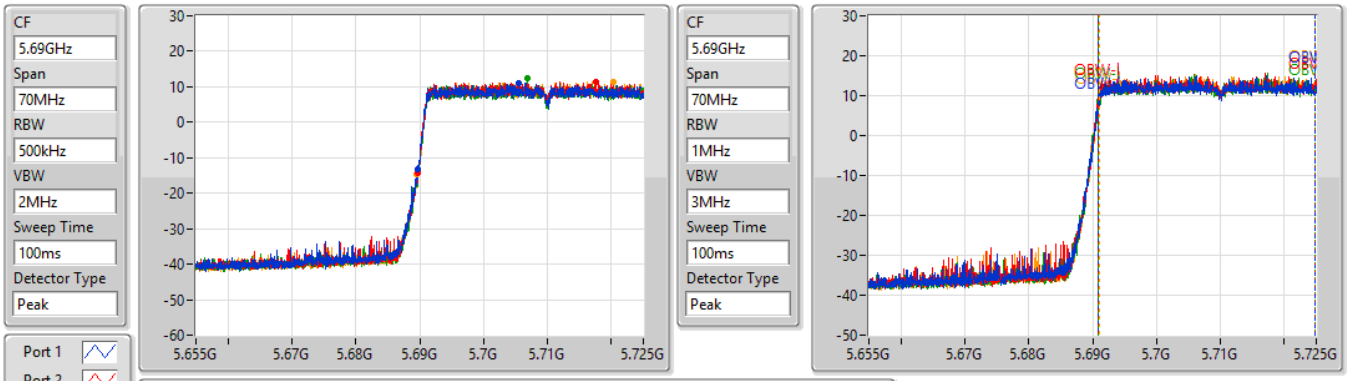


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	5.64972G	5.69016G	37.901M	5.65099G	5.688891G	Inf	1
40.56M	5.64972G	5.69028G	37.961M	5.65099G	5.688951G	Inf	2
40.5M	5.64978G	5.69028G	38.021M	5.65093G	5.688951G	Inf	3
40.56M	5.64966G	5.69022G	37.901M	5.65099G	5.688891G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

07/07/2022

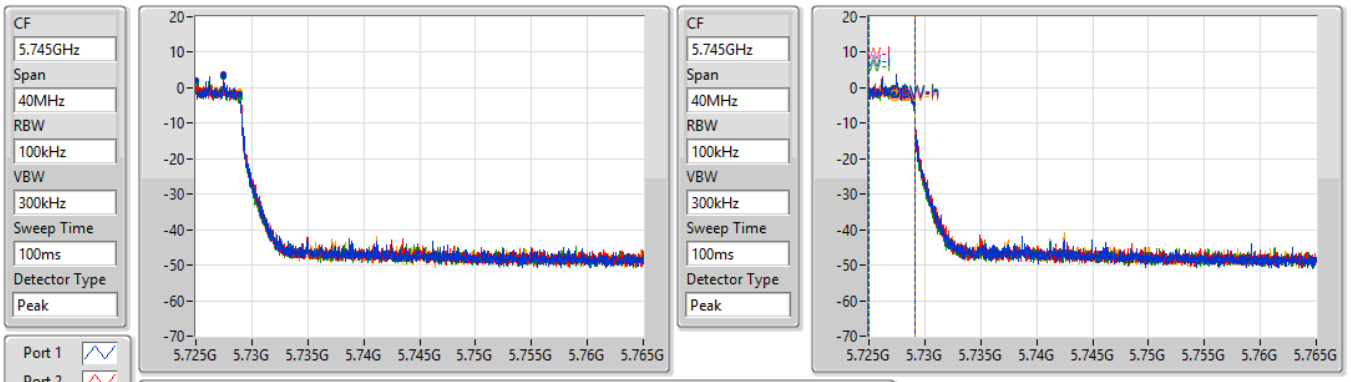


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.35M	5.68965G	5.725G	33.898M	5.690945G	5.724843G	Inf	1
35.385M	5.689615G	5.725G	33.933M	5.69091G	5.724843G	Inf	2
35.28M	5.68972G	5.725G	33.863M	5.6909445G	5.724808G	Inf	3
35.42M	5.68958G	5.725G	33.863M	5.69098G	5.724843G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

07/07/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.94M	5.725G	5.72894G	4.078M	5.72503G	5.729108G	500k	1
3.78M	5.725G	5.72878G	4.118M	5.72501G	5.729128G	500k	2
3.88M	5.725G	5.72888G	4.098M	5.72501G	5.729108G	500k	3
3.9M	5.725G	5.7289G	4.118M	5.72501G	5.729128G	500k	4

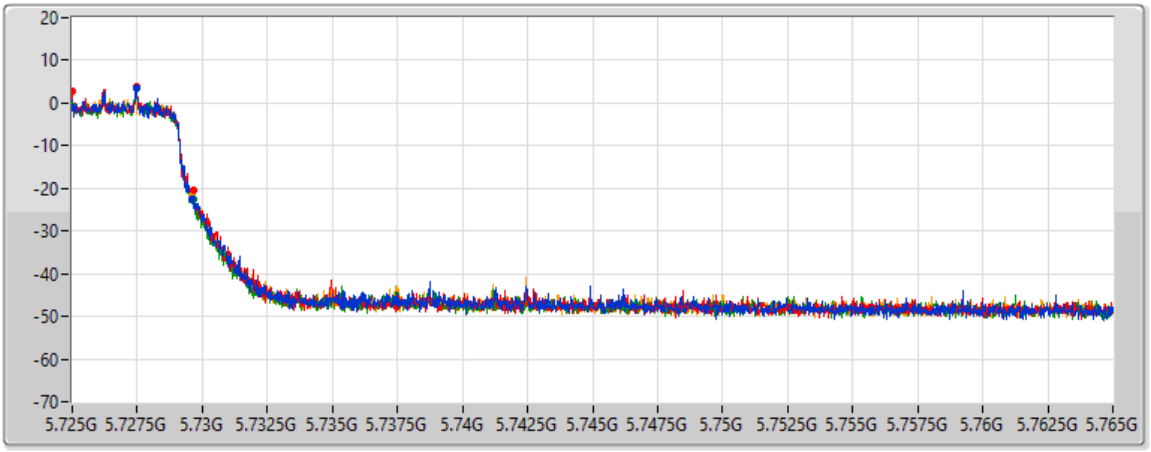
802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

07/07/2022

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

Port 1
Port 2
Port 3
Port 4



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.62M	5.725G	5.72962G	Inf	1
4.68M	5.725G	5.72968G	Inf	2
4.68M	5.725G	5.72968G	Inf	3
4.62M	5.725G	5.72962G	Inf	4

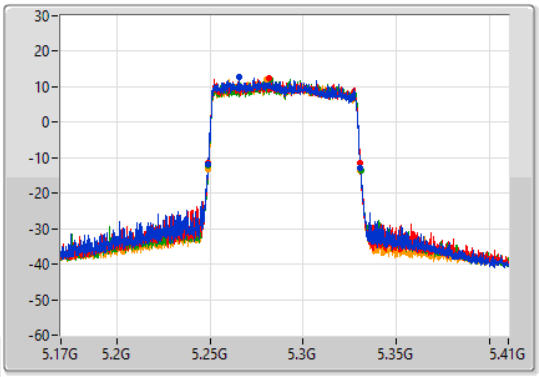
802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5290MHz

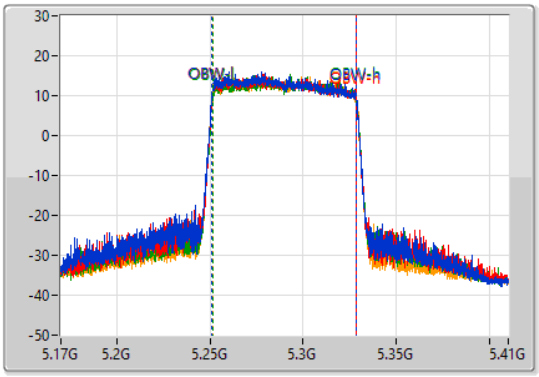
07/07/2022

CF 5.29GHz
Span 240MHz
RBW 1MHz
VBW 3MHz
Sweep Time 100ms
Detector Type Peak

Port 1
Port 2
Port 3
Port 4



CF 5.29GHz
Span 240MHz
RBW 2MHz
VBW 10MHz
Sweep Time 100ms
Detector Type Peak

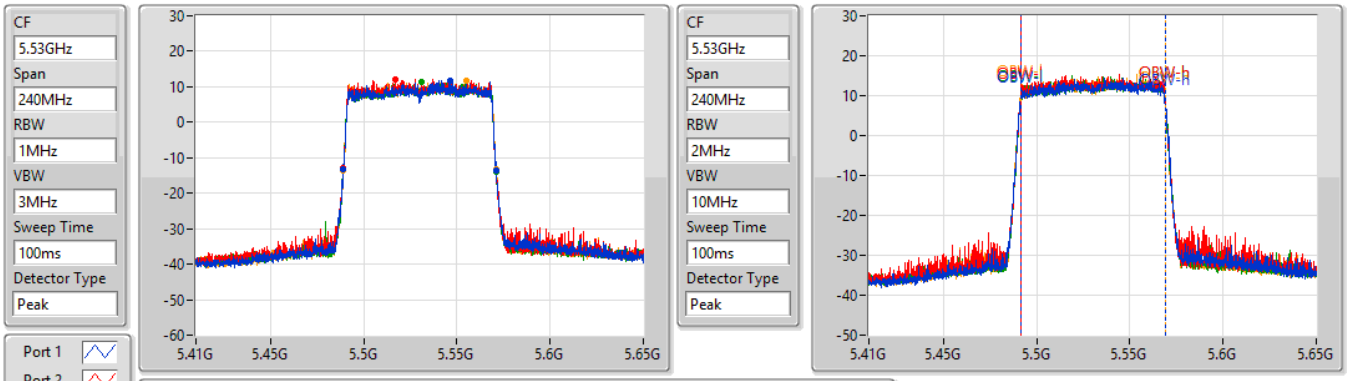


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.24896G	5.33068G	77.361M	5.251019G	5.328381G	Inf	1
81.48M	5.24908G	5.33056G	77.481M	5.251139G	5.328621G	Inf	2
81.84M	5.24896G	5.3308G	77.361M	5.251259G	5.328621G	Inf	3
81.6M	5.24908G	5.33068G	77.241M	5.251259G	5.328501G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5530MHz

07/07/2022

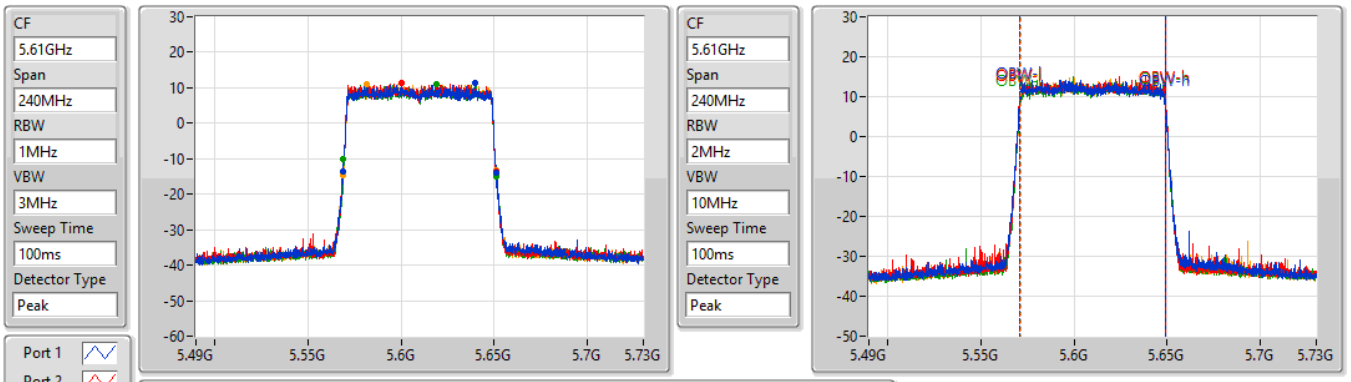


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.48896G	5.57116G	77.601M	5.491259G	5.568861G	Inf	1
81.84M	5.48908G	5.57092G	77.481M	5.491379G	5.568861G	Inf	2
81.84M	5.4892G	5.571104G	77.601M	5.491259G	5.568861G	Inf	3
82.08M	5.48908G	5.57116G	77.601M	5.491259G	5.568861G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5610MHz

07/07/2022

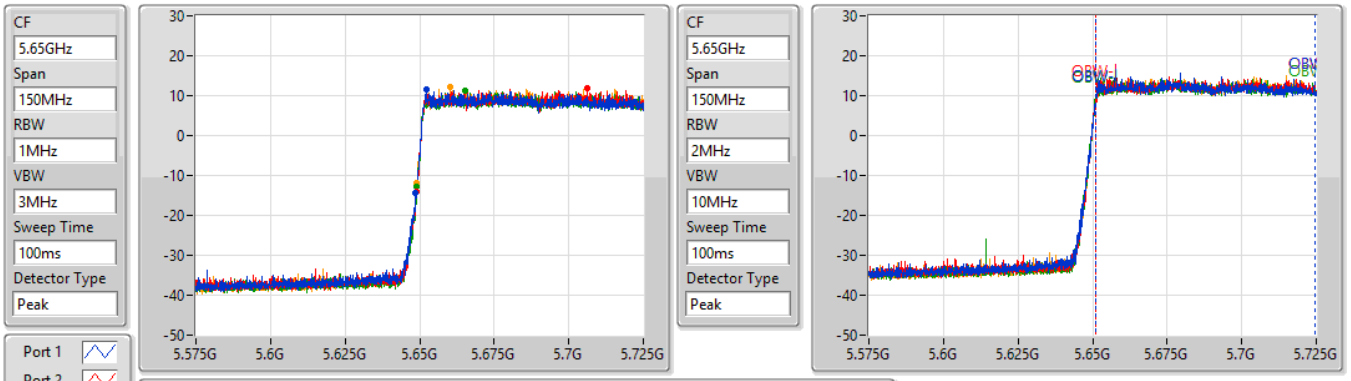


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.56884G	5.65104G	77.721M	5.571139G	5.648861G	Inf	1
82.2M	5.56884G	5.65104G	77.721M	5.571139G	5.648861G	Inf	2
82.08M	5.5692G	5.65128G	77.721M	5.571139G	5.648861G	Inf	3
82.32M	5.56884G	5.65116G	77.601M	5.571259G	5.648861G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

07/07/2022

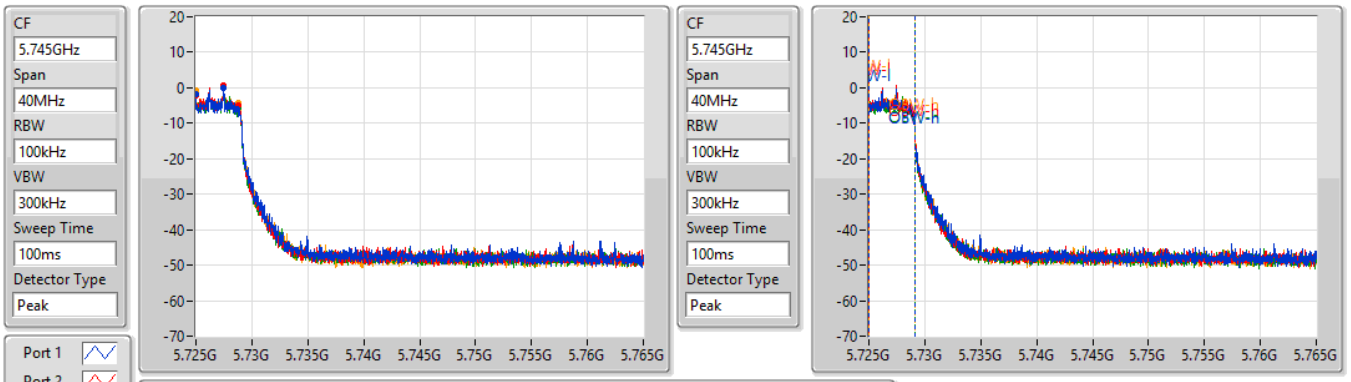


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.35M	5.64865G	5.725G	73.463M	5.651049G	5.724513G	Inf	1
76.2M	5.6488G	5.725G	73.463M	5.651124G	5.724588G	Inf	2
76.125M	5.648875G	5.725G	73.463M	5.651049G	5.724513G	Inf	3
75.975M	5.649025G	5.725G	73.538M	5.651049G	5.724588G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

07/07/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.72M	5.725G	5.72872G	4.138M	5.72503G	5.729168G	500k	1
3.8M	5.725G	5.7288G	4.118M	5.72501G	5.729128G	500k	2
3.76M	5.725G	5.72876G	4.098M	5.72503G	5.729128G	500k	3
3.74M	5.725G	5.72874G	4.138M	5.72501G	5.729148G	500k	4

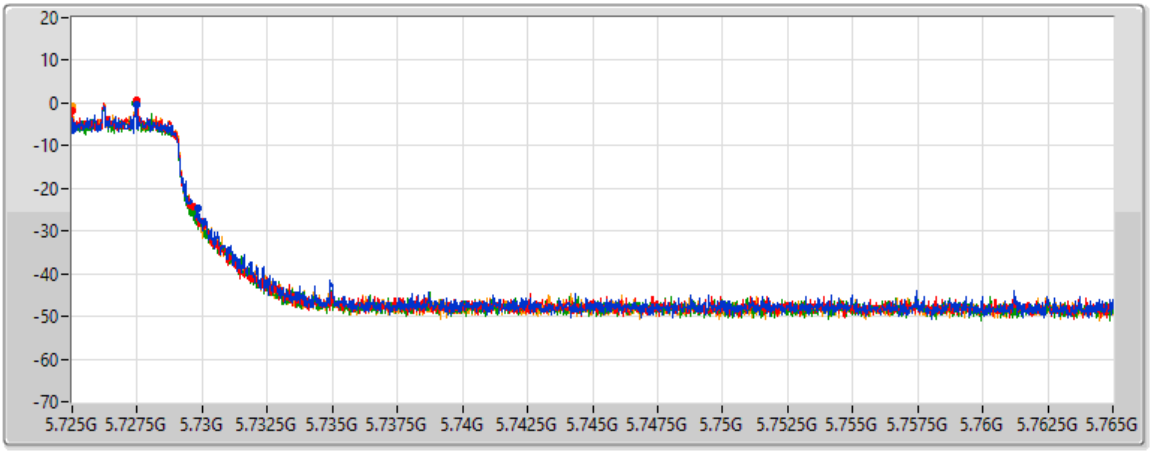
802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

07/07/2022

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

Port 1
Port 2
Port 3
Port 4



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.86M	5.725G	5.72986G	Inf	1
4.68M	5.725G	5.72968G	Inf	2
4.62M	5.725G	5.72962G	Inf	3
4.64M	5.725G	5.72964G	Inf	4

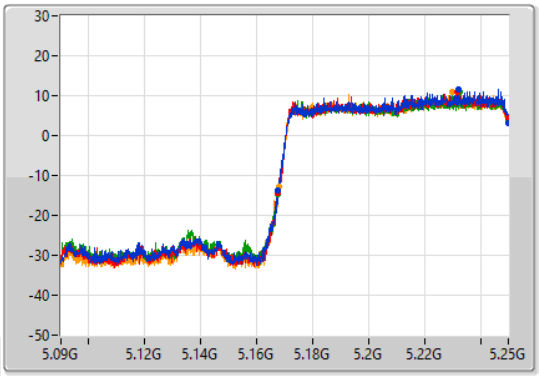
802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

5250MHz Straddle 5.15-5.25GHz

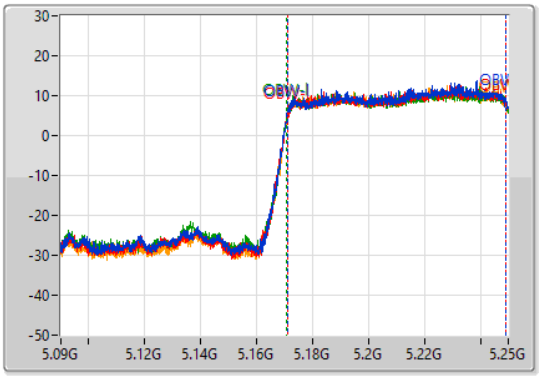
07/07/2022

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

Port 1
Port 2
Port 3
Port 4



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

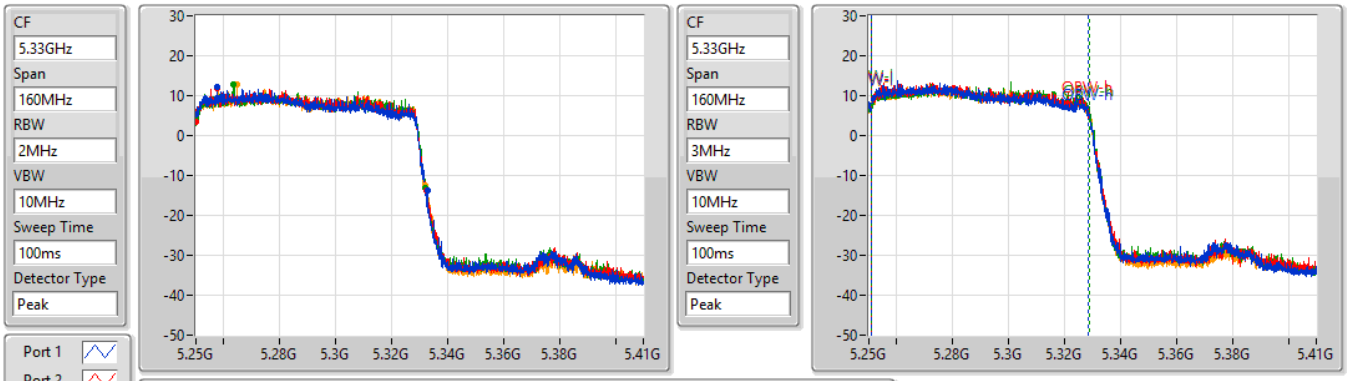


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.48M	5.16752G	5.25G	78.361M	5.17096G	5.24932G	Inf	1
82.64M	5.16736G	5.25G	78.361M	5.17096G	5.24932G	Inf	2
82.4M	5.1676G	5.25G	78.441M	5.17088G	5.24932G	Inf	3
82.16M	5.16784G	5.25G	78.361M	5.17096G	5.24932G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

5250MHz Straddle 5.25-5.35GHz

07/07/2022

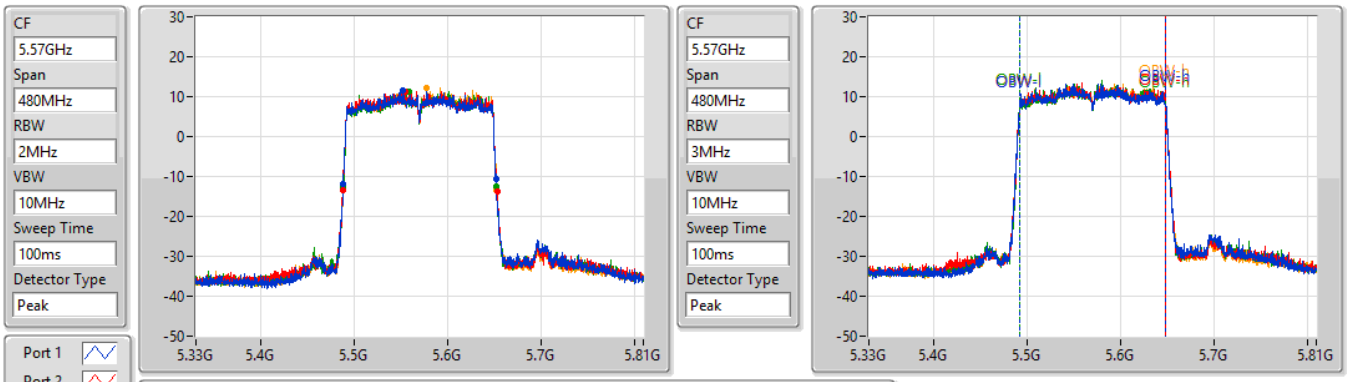


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.8M	5.25G	5.3328G	77.961M	5.25068G	5.328641G	Inf	1
82.4M	5.25G	5.3324G	77.961M	5.25068G	5.328641G	Inf	2
82.08M	5.25G	5.33208G	78.121M	5.25076G	5.328881G	Inf	3
82M	5.25G	5.332G	77.961M	5.25084G	5.328801G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

5570MHz

07/07/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.64M	5.48792G	5.65256G	156.642M	5.491799G	5.648441G	Inf	1
165.12M	5.48792G	5.65304G	156.402M	5.492039G	5.648441G	Inf	2
164.64M	5.48768G	5.65232G	156.402M	5.492039G	5.648441G	Inf	3
164.4M	5.48792G	5.65232G	156.402M	5.492039G	5.648441G	Inf	4

For non-beamforming mode:
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	17.53	0.05662
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.80	0.23988
802.11ax HEW20_Nss1,(MCS0)_4TX	23.95	0.24831
802.11ax HEW40_Nss1,(MCS0)_4TX	23.90	0.24547
802.11ax HEW80_Nss1,(MCS0)_4TX	23.95	0.24831
802.11ax HEW160_Nss1,(MCS0)_4TX	18.23	0.06653
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.89	0.24491
802.11ax HEW20_Nss1,(MCS0)_4TX	23.84	0.24210
802.11ax HEW40_Nss1,(MCS0)_4TX	23.91	0.24604
802.11ax HEW80_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ax HEW160_Nss1,(MCS0)_4TX	23.06	0.20230
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	16.52	0.04487
802.11ax HEW20_Nss1,(MCS0)_4TX	17.75	0.05957
802.11ax HEW40_Nss1,(MCS0)_4TX	14.24	0.02655
802.11ax HEW80_Nss1,(MCS0)_4TX	10.59	0.01146

Result

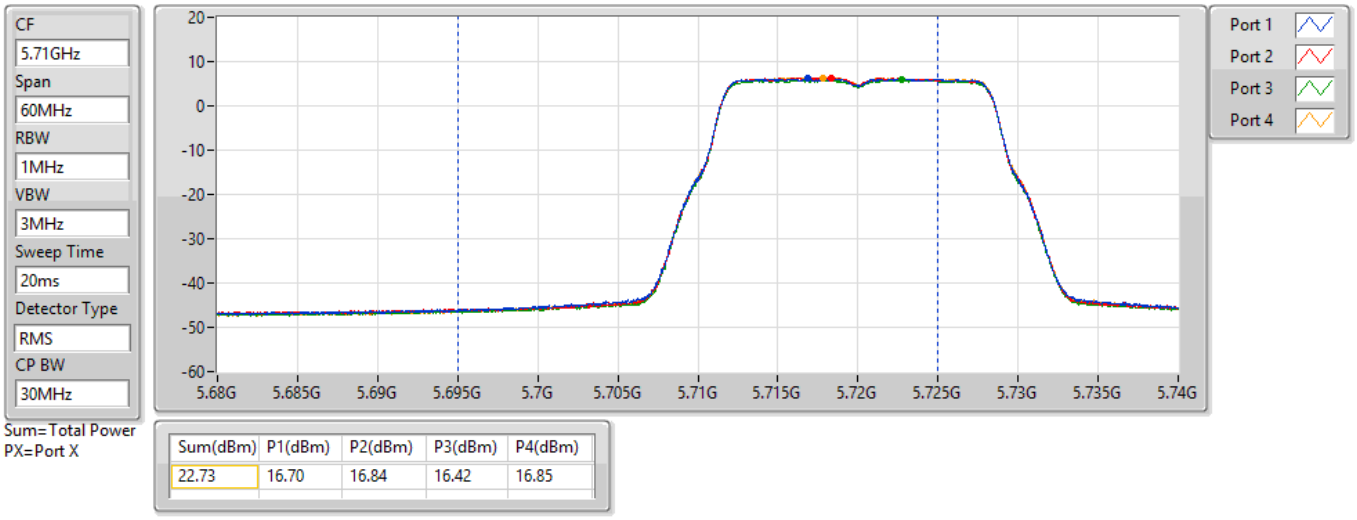
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.38	18.25	17.60	17.58	17.65	23.80	23.98
5300MHz	Pass	3.38	17.55	17.42	17.36	17.56	23.49	23.98
5320MHz	Pass	3.38	17.39	17.69	17.31	17.50	23.50	23.98
5500MHz	Pass	3.24	17.41	17.75	17.99	17.90	23.79	23.98
5580MHz	Pass	3.24	17.48	17.53	17.82	17.65	23.64	23.98
5700MHz	Pass	3.24	17.70	17.91	17.71	18.14	23.89	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.24	16.70	16.84	16.42	16.85	22.73	22.93
5720MHz Straddle 5.725-5.85GHz	Pass	3.69	10.57	10.49	10.28	10.63	16.52	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.38	17.86	17.85	17.55	17.62	23.74	23.98
5300MHz	Pass	3.38	17.70	17.66	17.77	17.70	23.73	23.98
5320MHz	Pass	3.38	17.67	18.10	18.00	17.92	23.95	23.98
5500MHz	Pass	3.24	17.50	17.94	17.84	17.81	23.80	23.98
5580MHz	Pass	3.24	17.64	17.81	17.94	17.74	23.80	23.98
5700MHz	Pass	3.24	17.80	17.82	17.63	18.01	23.84	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.24	16.89	17.01	16.62	17.01	22.91	22.95
5720MHz Straddle 5.725-5.85GHz	Pass	3.69	11.75	11.78	11.51	11.87	17.75	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.38	17.95	17.96	17.69	17.91	23.90	23.98
5310MHz	Pass	3.38	17.62	17.67	17.78	17.76	23.73	23.98
5510MHz	Pass	3.24	17.74	18.04	17.99	17.80	23.91	23.98
5550MHz	Pass	3.24	17.60	17.80	17.97	17.86	23.83	23.98
5670MHz	Pass	3.24	17.69	18.07	17.68	18.09	23.91	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.24	17.55	18.11	17.42	17.89	23.77	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.69	8.09	8.52	7.85	8.40	14.24	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.38	18.23	18.00	17.79	17.69	23.95	23.98
5530MHz	Pass	3.24	17.78	18.30	17.70	17.95	23.96	23.98
5610MHz	Pass	3.24	17.60	17.91	17.40	18.00	23.75	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.24	17.78	18.00	17.39	18.05	23.83	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.69	4.34	4.82	4.10	4.95	10.59	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.45	11.75	11.53	11.26	11.48	17.53	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.38	12.08	12.35	12.25	12.14	18.23	23.98
5570MHz	Pass	3.24	17.13	17.06	16.80	17.17	23.06	23.98

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

802.11a_Nss1,(6Mbps)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

07/07/2022

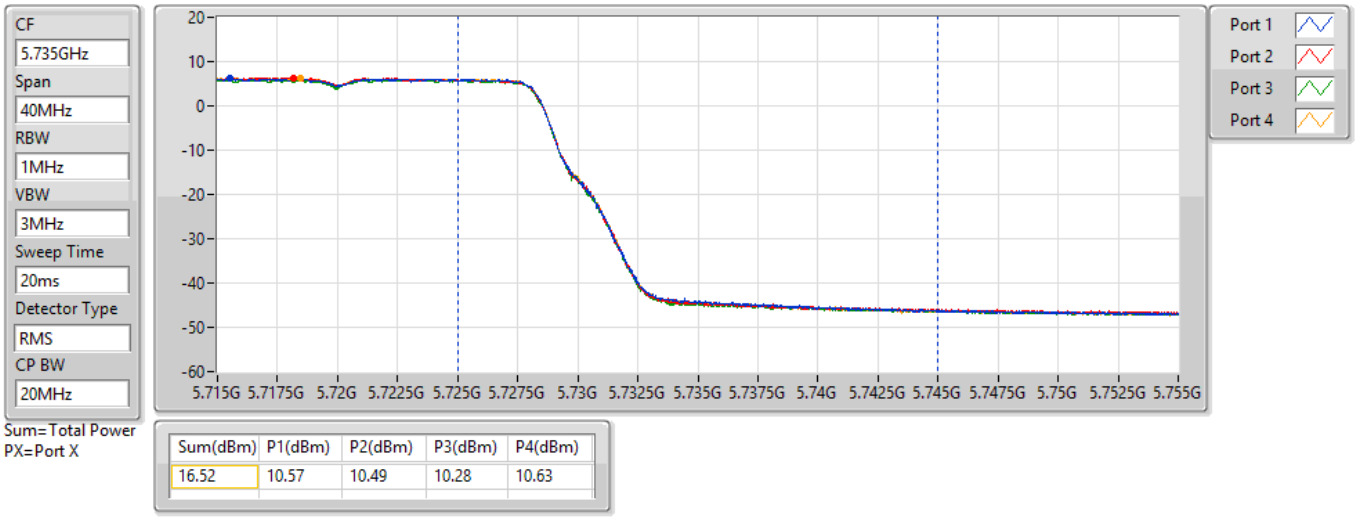


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.73	16.70	16.84	16.42	16.85

802.11a_Nss1,(6Mbps)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

07/07/2022

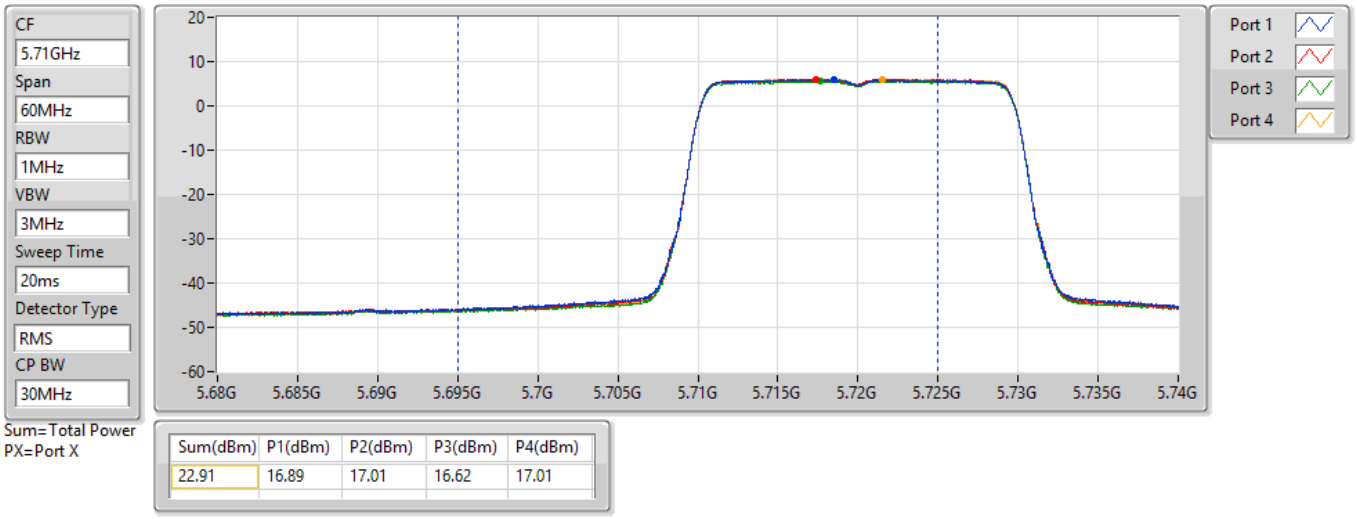


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.52	10.57	10.49	10.28	10.63

802.11ax HEW20_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

07/07/2022

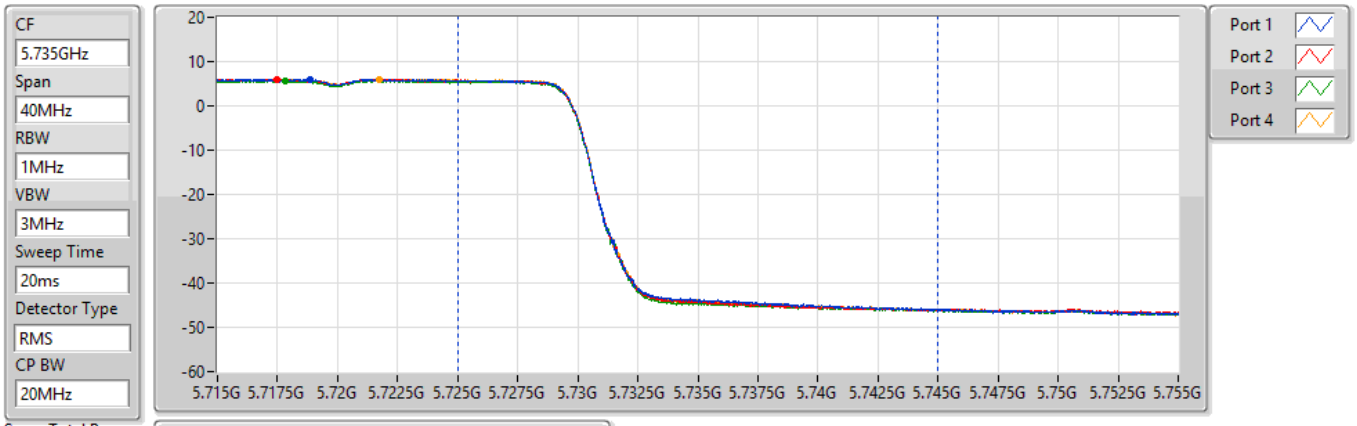


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.91	16.89	17.01	16.62	17.01

802.11ax HEW20_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

07/07/2022

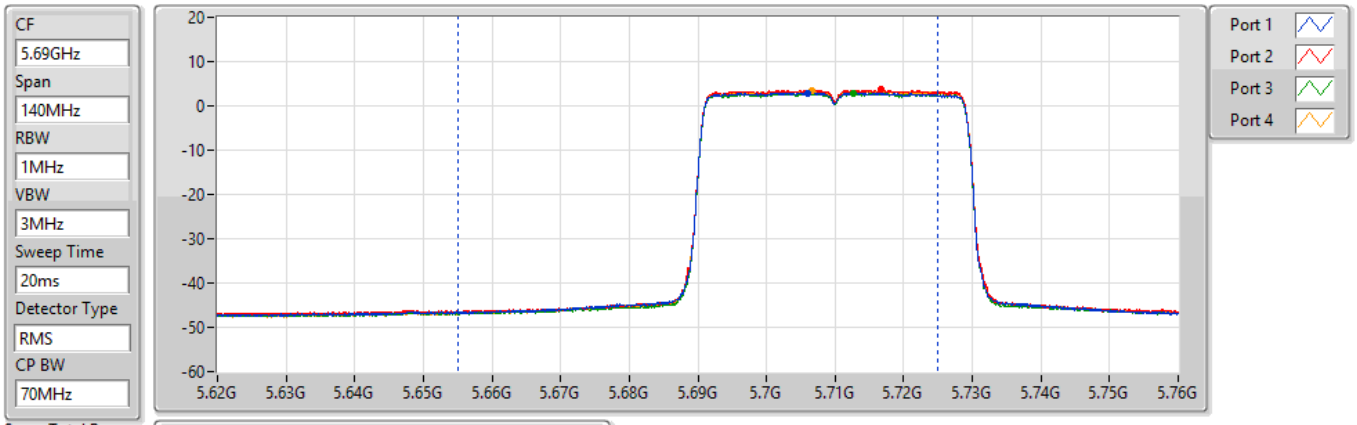


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.75	11.75	11.78	11.51	11.87

802.11ax HEW40_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

07/07/2022

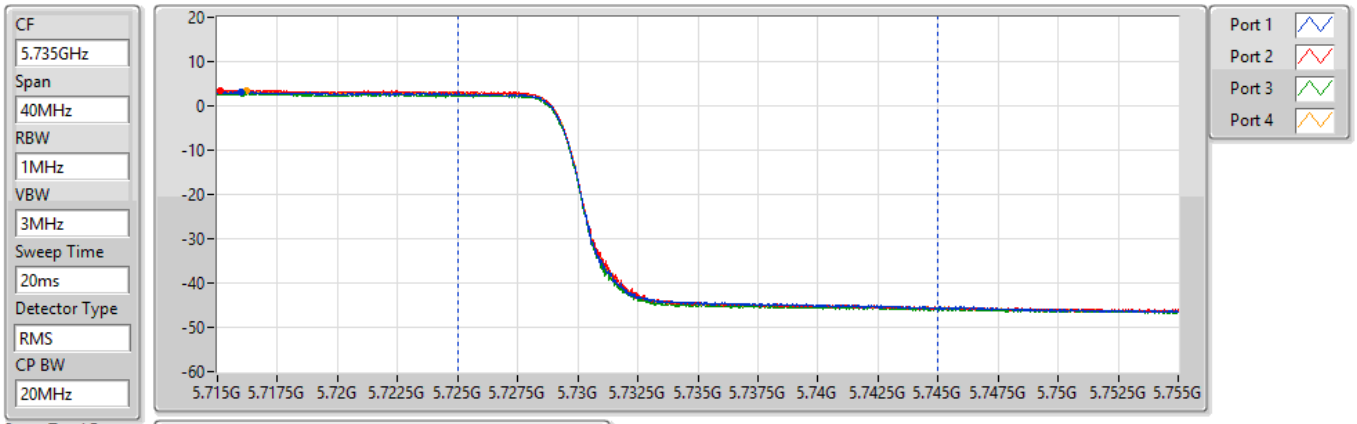


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.77	17.55	18.11	17.42	17.89

802.11ax HEW40_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

07/07/2022



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.24	8.09	8.52	7.85	8.40

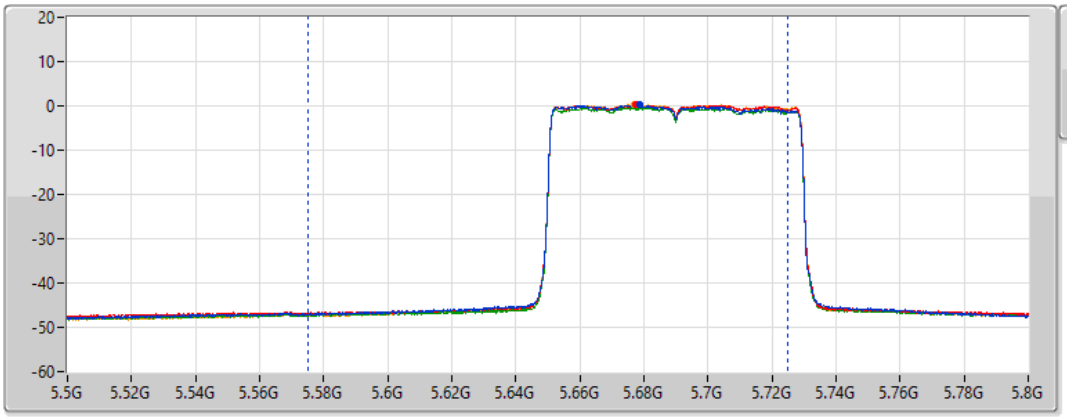
802.11ax HEW80_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

07/07/2022

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

Sum=Total Power
PX=Port X



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.83	17.78	18.00	17.39	18.05

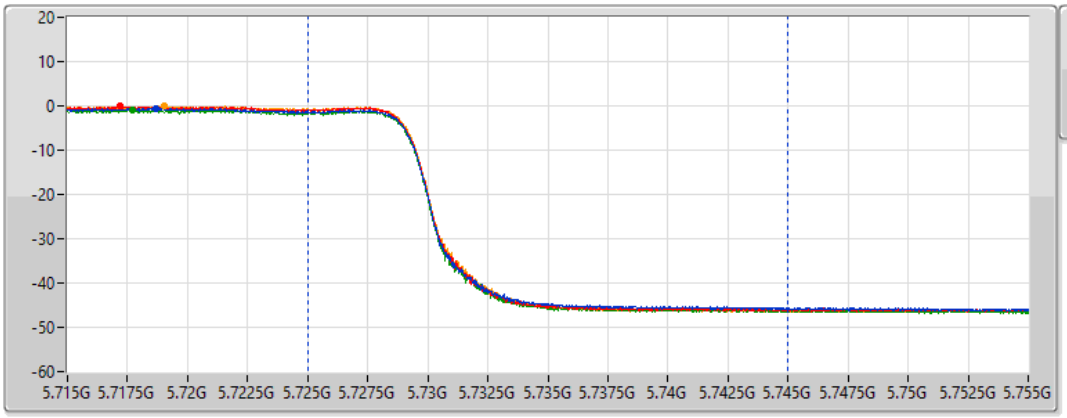
802.11ax HEW80_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

07/07/2022

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

Sum=Total Power
PX=Port X

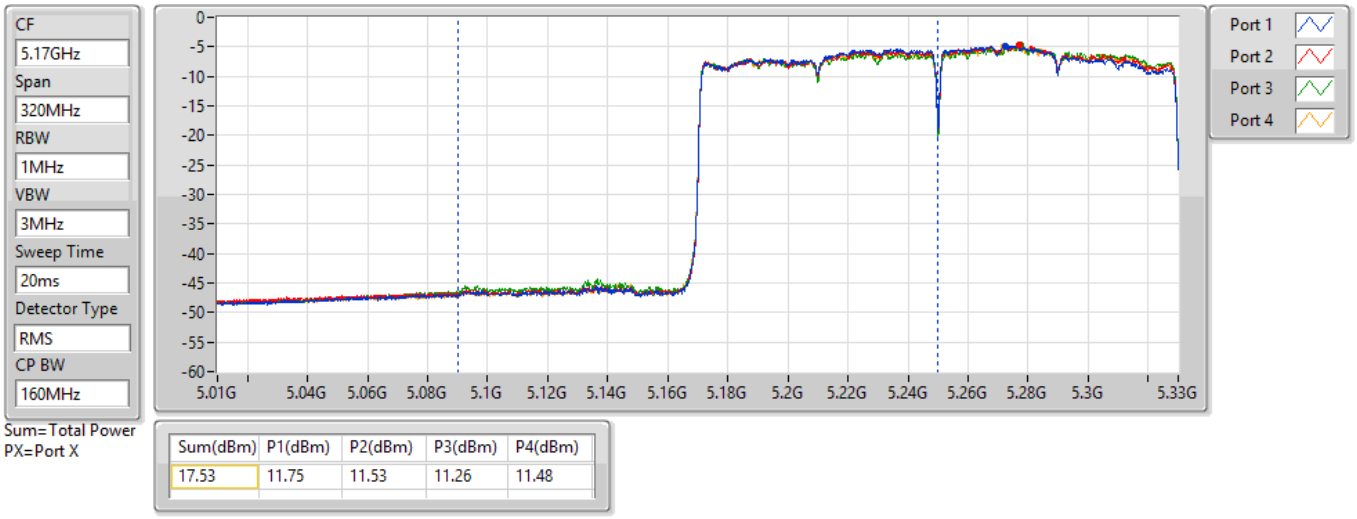


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.59	4.34	4.82	4.10	4.95

802.11ax HEW160_Nss1,(MCS0)_4TX AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

07/07/2022

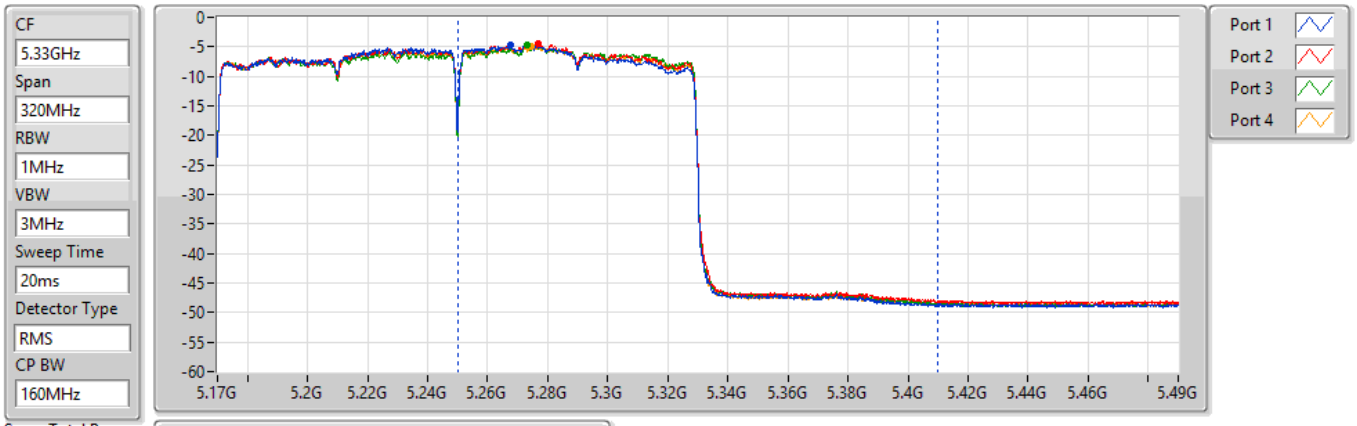


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.53	11.75	11.53	11.26	11.48

802.11ax HEW160_Nss1,(MCS0)_4TX AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

07/07/2022



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.23	12.08	12.35	12.25	12.14

For beamforming mode:
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	19.18	0.08279
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.95	0.24831
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.90	0.24547
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.95	0.24831
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	19.85	0.09661
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.84	0.24210
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.91	0.24604
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	23.06	0.20230
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.75	0.05957
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	14.17	0.02612
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	10.53	0.01130

Result

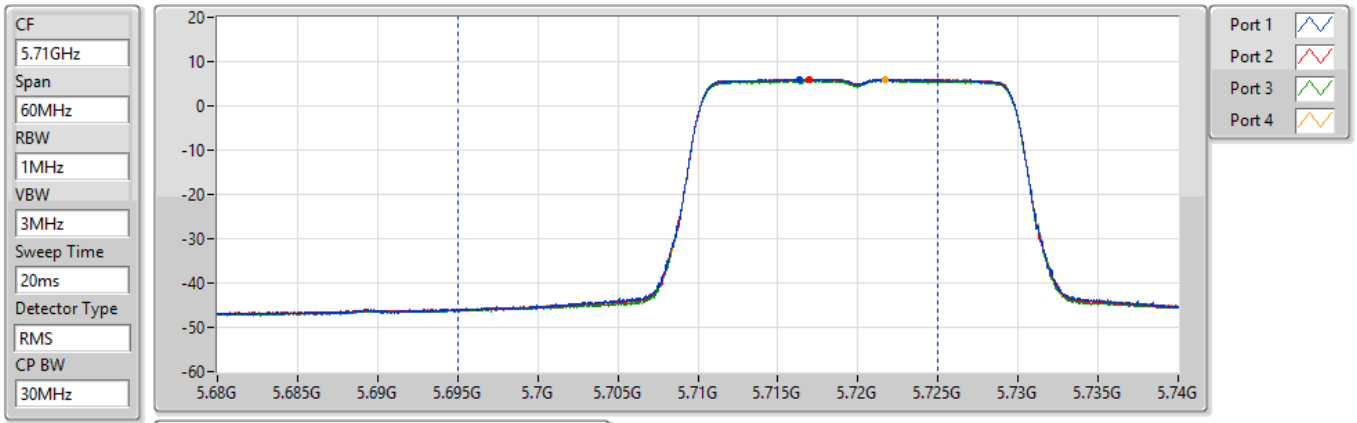
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.61	17.86	17.85	17.55	17.62	23.74	23.98
5300MHz	Pass	3.61	17.70	17.66	17.77	17.70	23.73	23.98
5320MHz	Pass	3.61	17.67	18.10	18.00	17.92	23.95	23.98
5500MHz	Pass	4.32	17.50	17.94	17.84	17.81	23.80	23.98
5580MHz	Pass	4.32	17.64	17.81	17.94	17.74	23.80	23.98
5700MHz	Pass	4.32	17.80	17.82	17.63	18.01	23.84	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.32	17.02	17.07	16.68	17.03	22.97	22.98
5720MHz Straddle 5.725-5.85GHz	Pass	4.21	11.74	11.82	11.48	11.88	17.75	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.61	17.95	17.96	17.69	17.91	23.90	23.98
5310MHz	Pass	3.61	17.62	17.67	17.78	17.76	23.73	23.98
5510MHz	Pass	4.32	17.33	17.55	17.79	17.67	23.61	23.98
5550MHz	Pass	4.32	17.60	17.80	17.97	17.86	23.83	23.98
5670MHz	Pass	4.32	17.69	18.07	17.68	18.09	23.91	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.32	17.66	17.95	17.52	17.84	23.77	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.21	7.94	8.35	7.92	8.35	14.17	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.61	18.23	18.00	17.79	17.69	23.95	23.98
5530MHz	Pass	4.32	17.78	18.30	17.70	17.95	23.96	23.98
5610MHz	Pass	4.32	17.60	17.91	17.40	18.00	23.75	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.32	17.67	17.83	17.44	17.87	23.73	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.21	4.28	4.68	4.24	4.80	10.53	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.16	13.52	13.23	12.87	12.99	19.18	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.61	13.82	13.96	13.85	13.68	19.85	23.98
5570MHz	Pass	4.32	17.13	17.06	16.80	17.17	23.06	23.98

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

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

5720MHz Straddle 5.47-5.725GHz_TnomVnom

07/07/2022



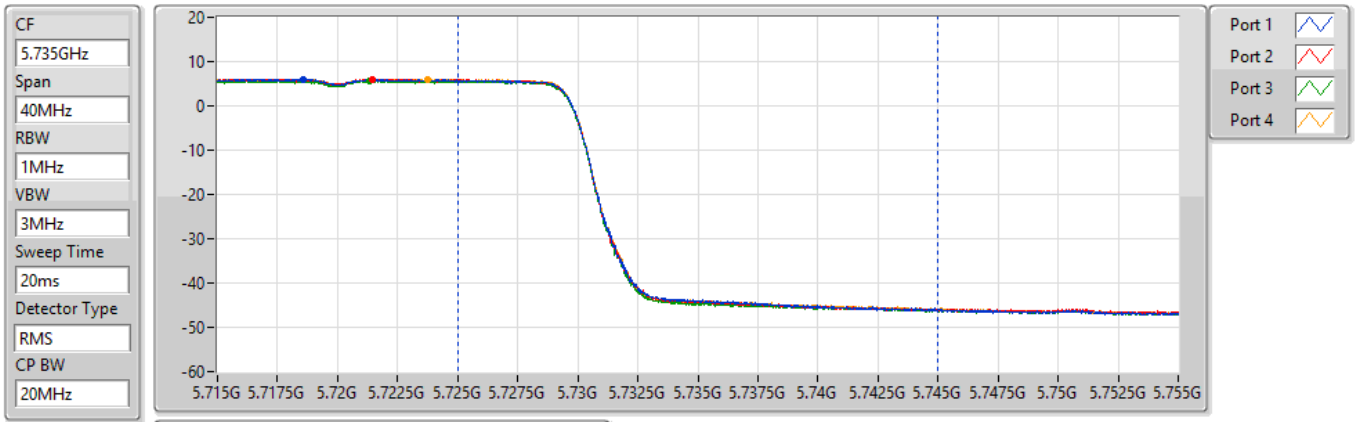
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.97	17.02	17.07	16.68	17.03

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

5720MHz Straddle 5.725-5.85GHz_TnomVnom

07/07/2022



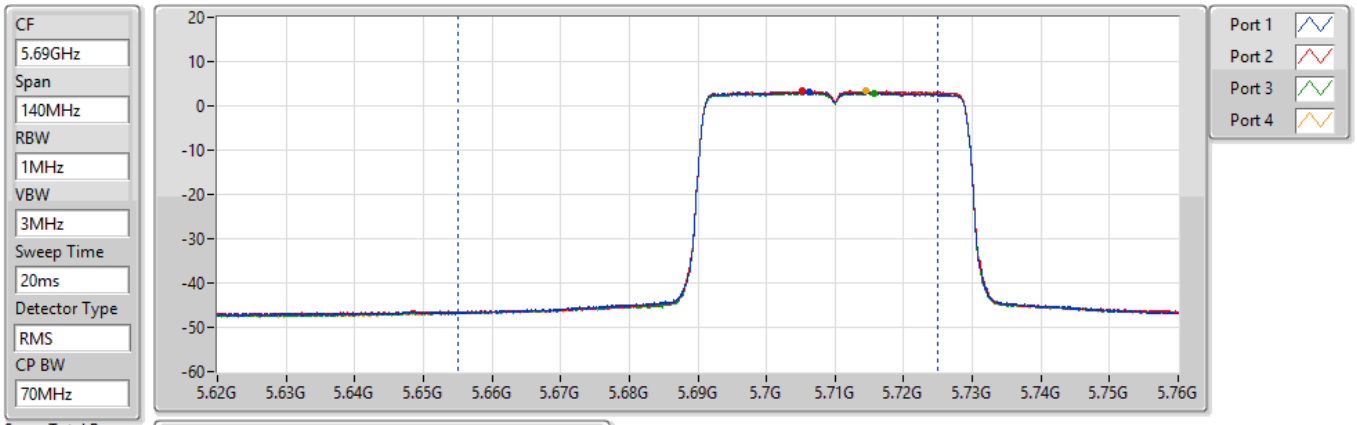
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.75	11.74	11.82	11.48	11.88

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

5710MHz Straddle 5.47-5.725GHz_TnomVnom

07/07/2022

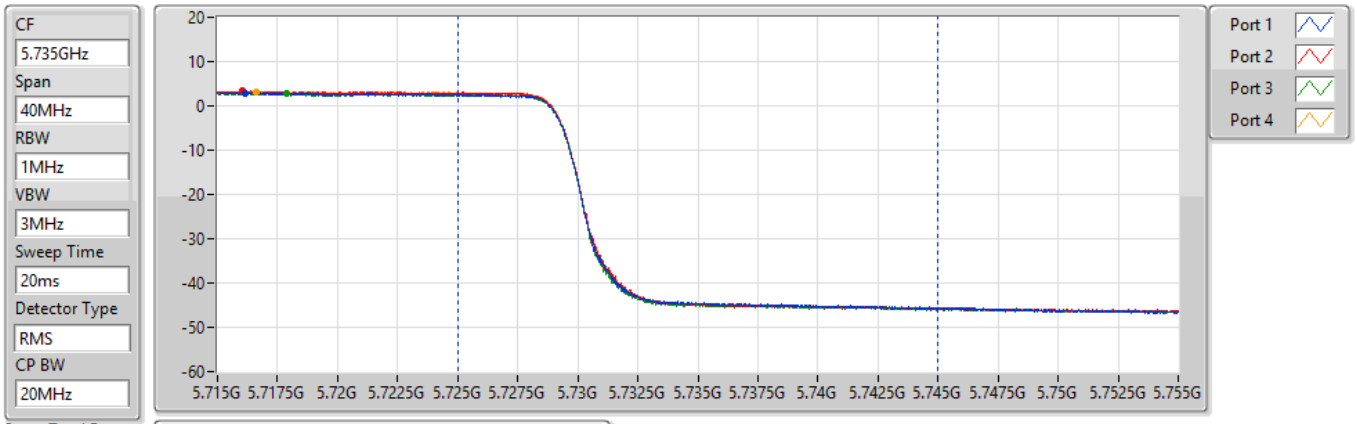


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.77	17.66	17.95	17.52	17.84

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

5710MHz Straddle 5.725-5.85GHz_TnomVnom

07/07/2022

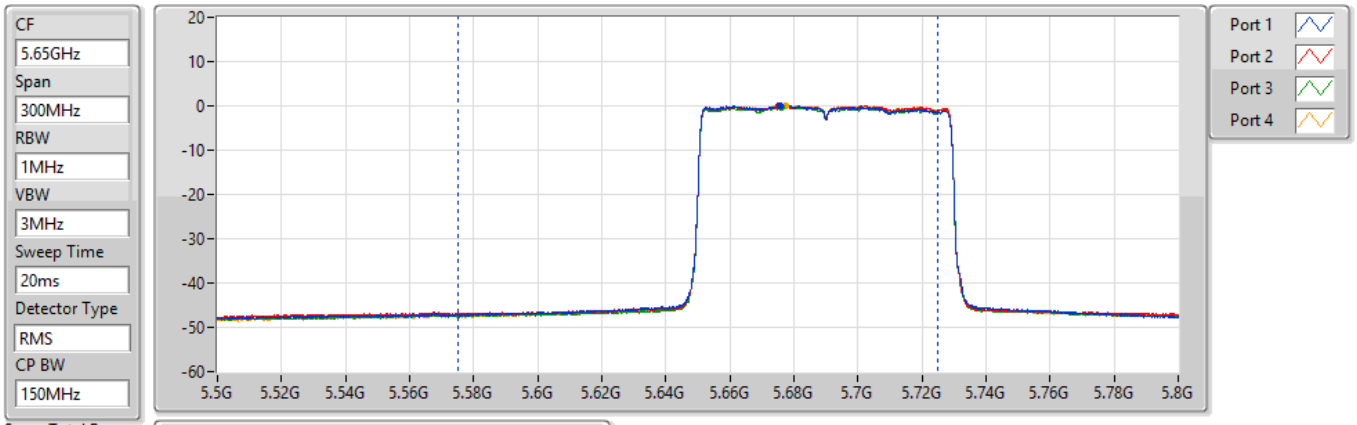


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.17	7.94	8.35	7.92	8.35

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

5690MHz Straddle 5.47-5.725GHz_TnomVnom

07/07/2022

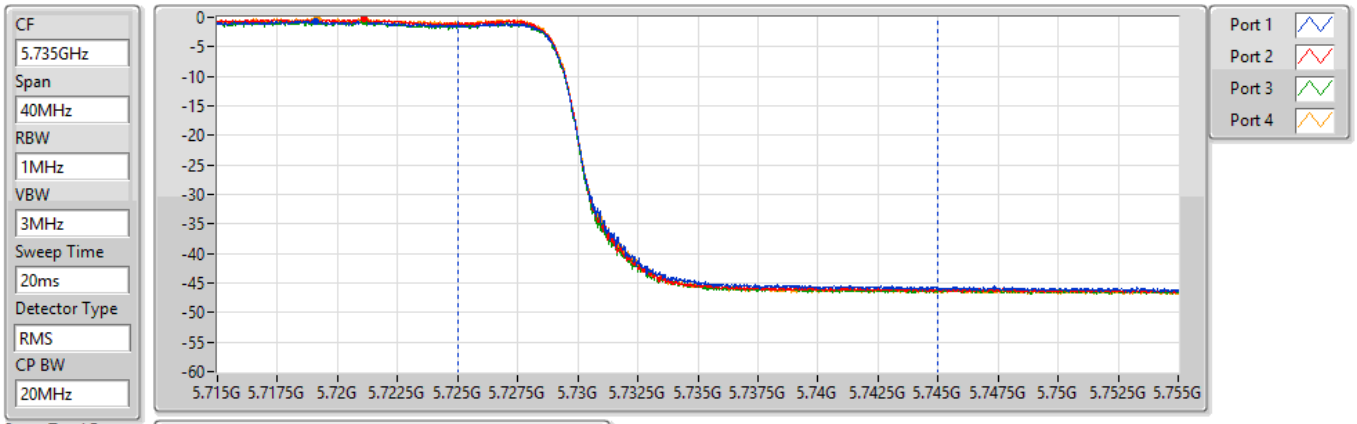


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.73	17.67	17.83	17.44	17.87

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

5690MHz Straddle 5.725-5.85GHz_TnomVnom

07/07/2022

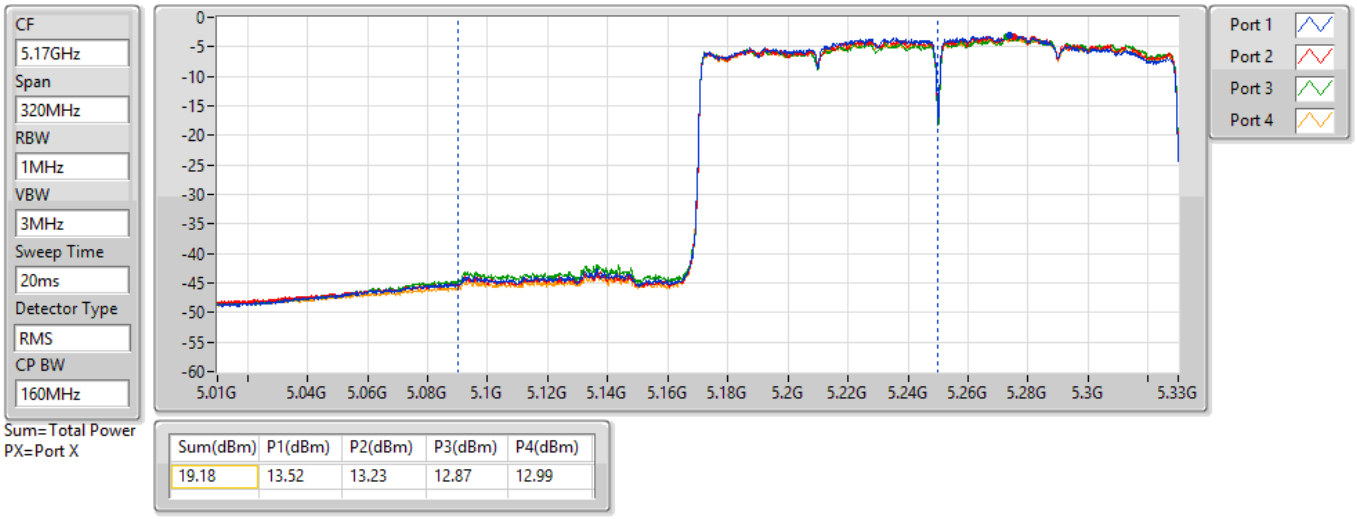


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.53	4.28	4.68	4.24	4.80

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

5250MHz Straddle 5.15-5.25GHz_TnomVnom

07/07/2022

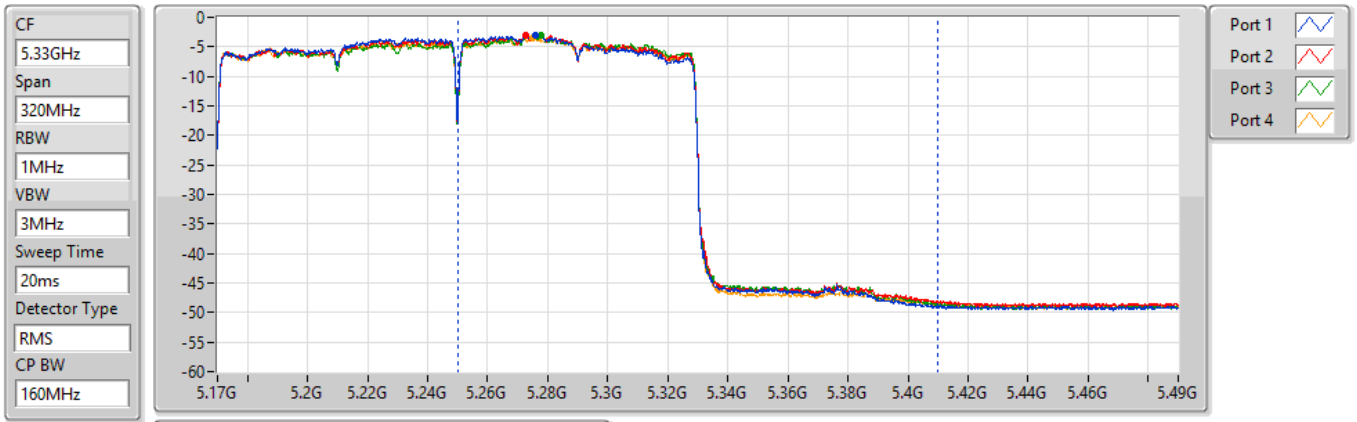


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.18	13.52	13.23	12.87	12.99

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

5250MHz Straddle 5.25-5.35GHz_TnomVnom

07/07/2022



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.85	13.82	13.96	13.85	13.68

For non-beamforming mode:
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_4TX	-1.22
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.98
802.11ax HEW20_Nss1,(MCS0)_4TX	10.68
802.11ax HEW40_Nss1,(MCS0)_4TX	7.83
802.11ax HEW80_Nss1,(MCS0)_4TX	5.43
802.11ax HEW160_Nss1,(MCS0)_4TX	-0.33
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.99
802.11ax HEW20_Nss1,(MCS0)_4TX	10.32
802.11ax HEW40_Nss1,(MCS0)_4TX	7.66
802.11ax HEW80_Nss1,(MCS0)_4TX	4.99
802.11ax HEW160_Nss1,(MCS0)_4TX	1.66
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	8.80
802.11ax HEW20_Nss1,(MCS0)_4TX	8.67
802.11ax HEW40_Nss1,(MCS0)_4TX	5.75
802.11ax HEW80_Nss1,(MCS0)_4TX	2.38

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

Result

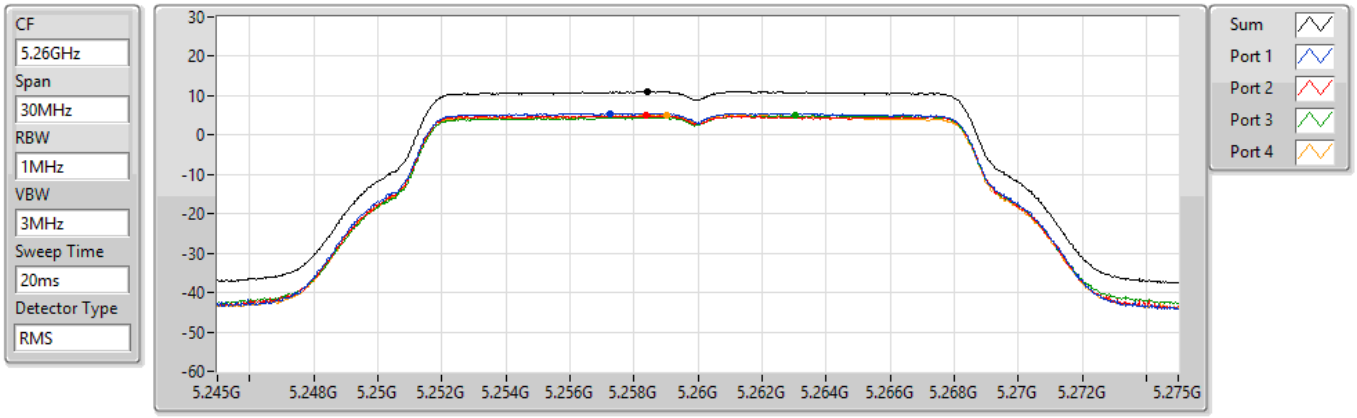
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.61	5.56	4.96	4.98	5.21	10.98	11.00
5300MHz	Pass	3.61	4.99	5.04	4.86	5.20	10.80	11.00
5320MHz	Pass	3.61	4.71	5.12	4.62	5.04	10.76	11.00
5500MHz	Pass	4.32	4.78	5.07	5.40	5.26	10.99	11.00
5580MHz	Pass	4.32	4.47	4.75	5.01	4.91	10.65	11.00
5700MHz	Pass	4.32	5.02	4.99	4.86	5.25	10.98	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.32	4.54	4.82	4.30	4.75	10.52	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.21	2.88	2.85	2.74	2.97	8.80	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.61	3.71	4.64	4.37	4.53	10.23	11.00
5300MHz	Pass	3.61	4.48	4.62	4.60	4.72	10.44	11.00
5320MHz	Pass	3.61	4.45	4.98	4.80	4.97	10.68	11.00
5500MHz	Pass	4.32	4.09	4.55	4.46	4.39	10.30	11.00
5580MHz	Pass	4.32	4.00	4.17	4.42	4.33	10.15	11.00
5700MHz	Pass	4.32	4.29	4.36	4.20	4.49	10.24	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.32	4.38	4.53	4.15	4.51	10.32	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.21	2.74	2.78	2.61	2.80	8.67	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.61	2.04	1.84	1.86	2.19	7.83	11.00
5310MHz	Pass	3.61	1.89	1.87	1.95	2.07	7.72	11.00
5510MHz	Pass	4.32	1.52	1.88	1.90	1.68	7.66	11.00
5550MHz	Pass	4.32	1.21	1.31	1.69	1.52	7.36	11.00
5670MHz	Pass	4.32	1.47	1.79	1.29	1.80	7.54	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.32	1.45	2.03	1.39	1.78	7.59	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.21	-0.30	0.15	-0.55	0.00	5.75	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.61	-0.24	-0.48	-0.67	-0.52	5.43	11.00
5530MHz	Pass	4.32	-1.04	-0.65	-1.10	-0.77	4.99	11.00
5610MHz	Pass	4.32	-1.65	-1.44	-1.75	-1.23	4.42	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.32	-1.41	-1.24	-1.79	-1.18	4.58	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.21	-3.87	-3.15	-3.98	-3.22	2.38	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.16	-6.89	-6.93	-7.46	-7.21	-1.22	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.61	-6.33	-6.03	-6.13	-6.26	-0.33	11.00
5570MHz	Pass	4.32	-4.13	-4.12	-4.41	-4.02	1.66	11.00

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

802.11a_Nss1,(6Mbps)_4TX PSD

5260MHz

07/07/2022

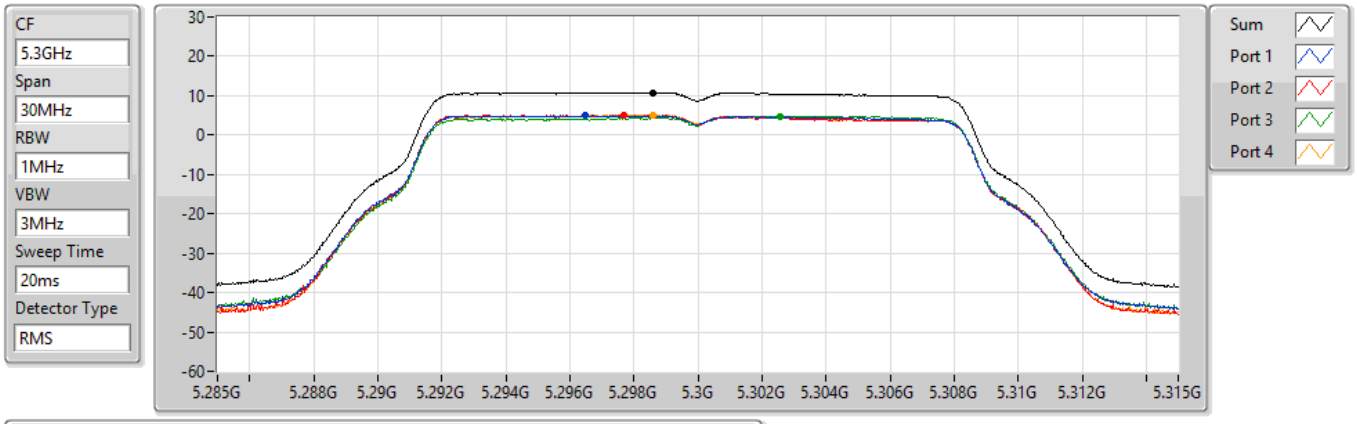


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.98	10.98	5.56	4.96	4.98	5.21

802.11a_Nss1,(6Mbps)_4TX PSD

5300MHz

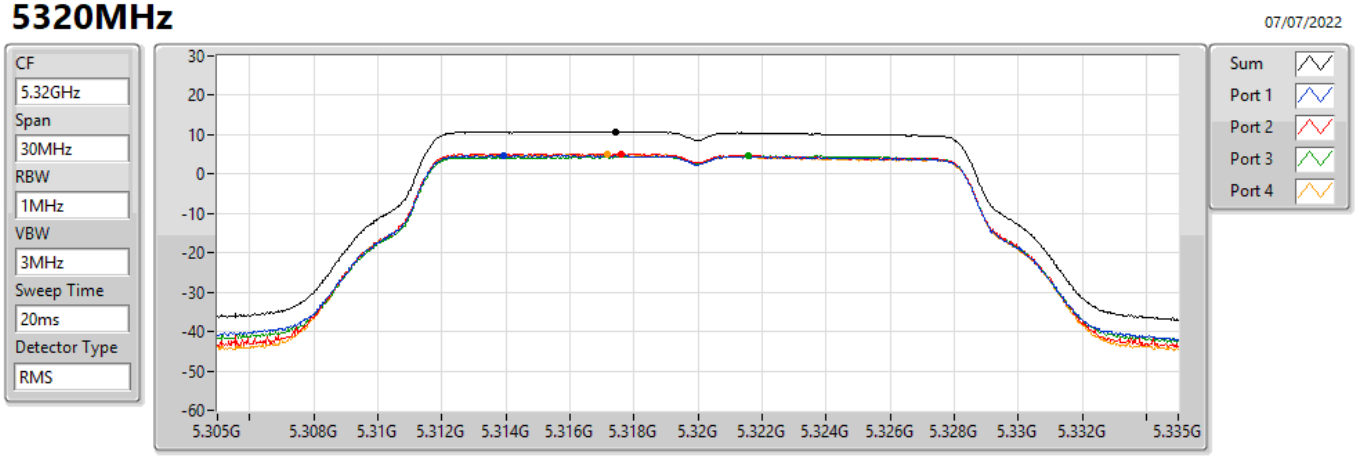
07/07/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.80	10.80	4.99	5.04	4.86	5.20

802.11a_Nss1,(6Mbps)_4TX PSD

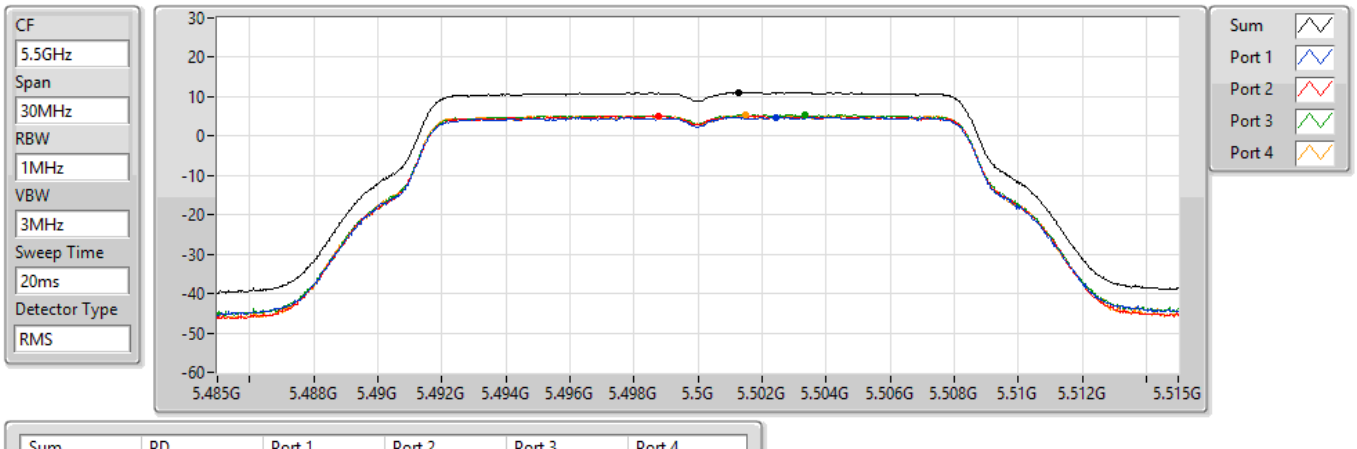
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.76	10.76	4.71	5.12	4.62	5.04

802.11a_Nss1,(6Mbps)_4TX PSD

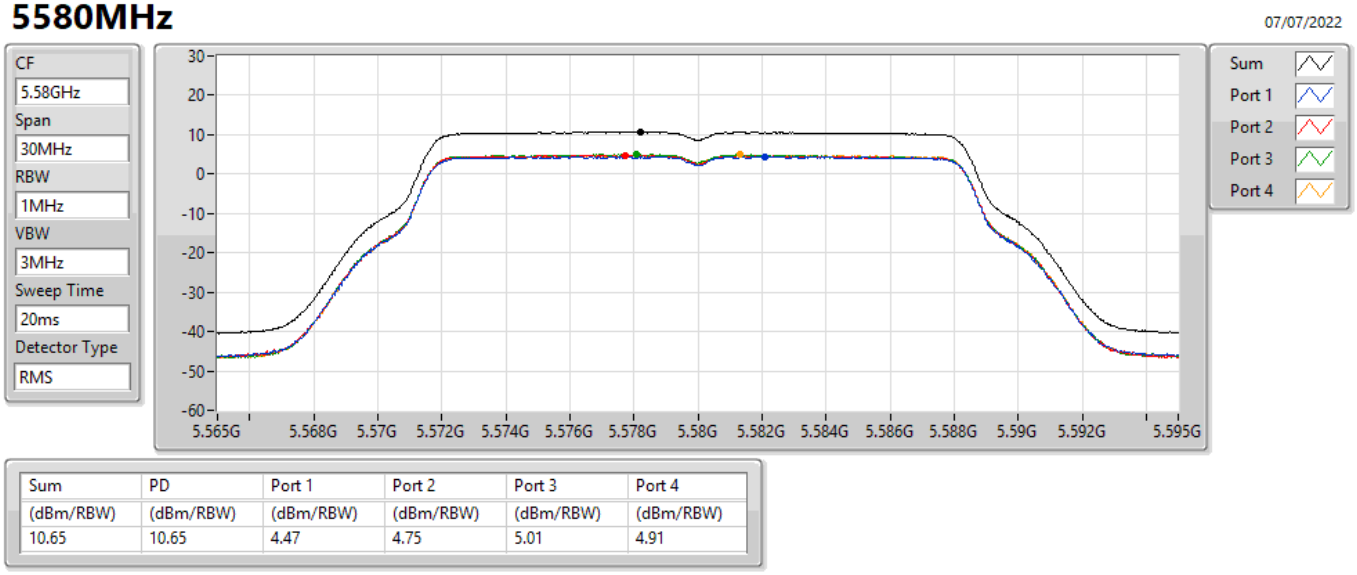
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.99	10.99	4.78	5.07	5.40	5.26

802.11a_Nss1,(6Mbps)_4TX PSD

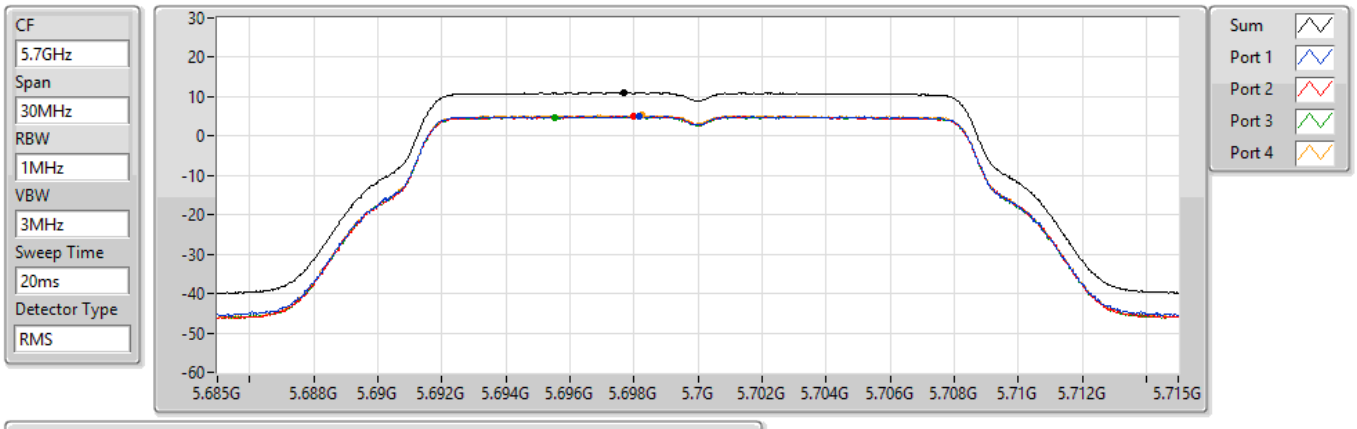
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.65	10.65	4.47	4.75	5.01	4.91

802.11a_Nss1,(6Mbps)_4TX PSD

5700MHz

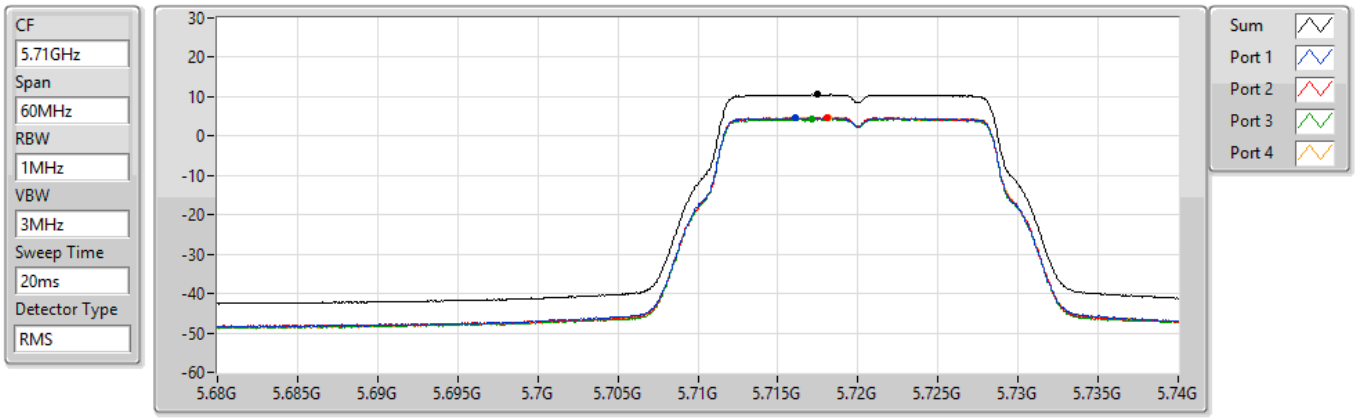


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.98	10.98	5.02	4.99	4.86	5.25

802.11a_Nss1,(6Mbps)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

07/07/2022

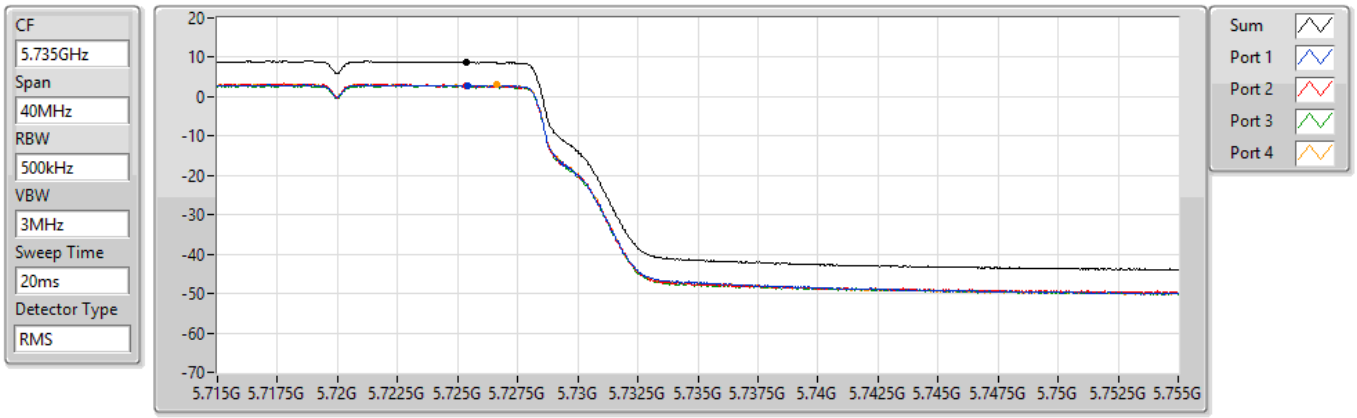


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.52	10.52	4.54	4.82	4.30	4.75

802.11a_Nss1,(6Mbps)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

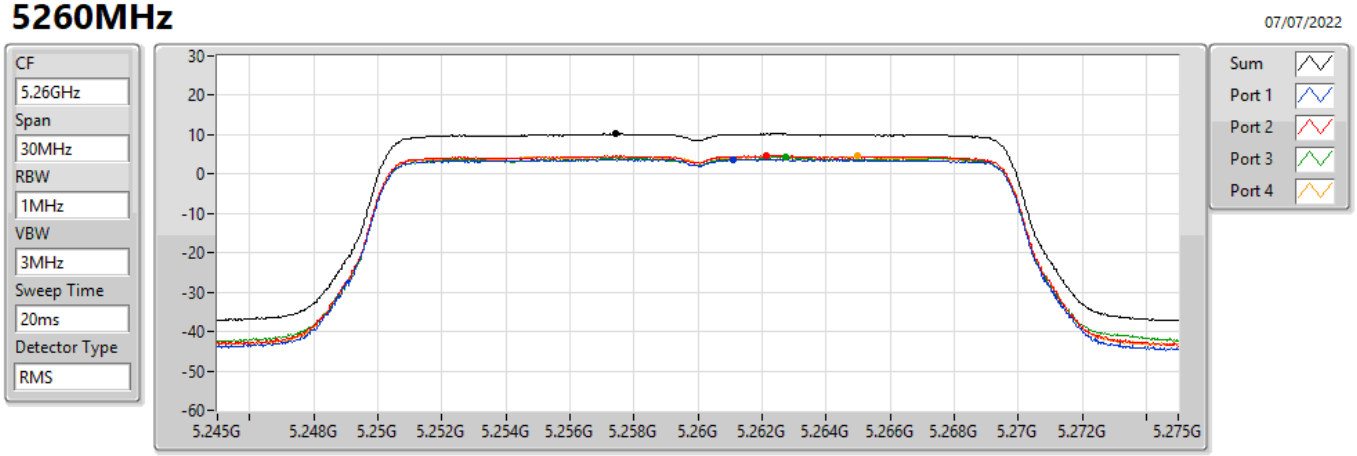
07/07/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.80	8.80	2.88	2.85	2.74	2.97

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

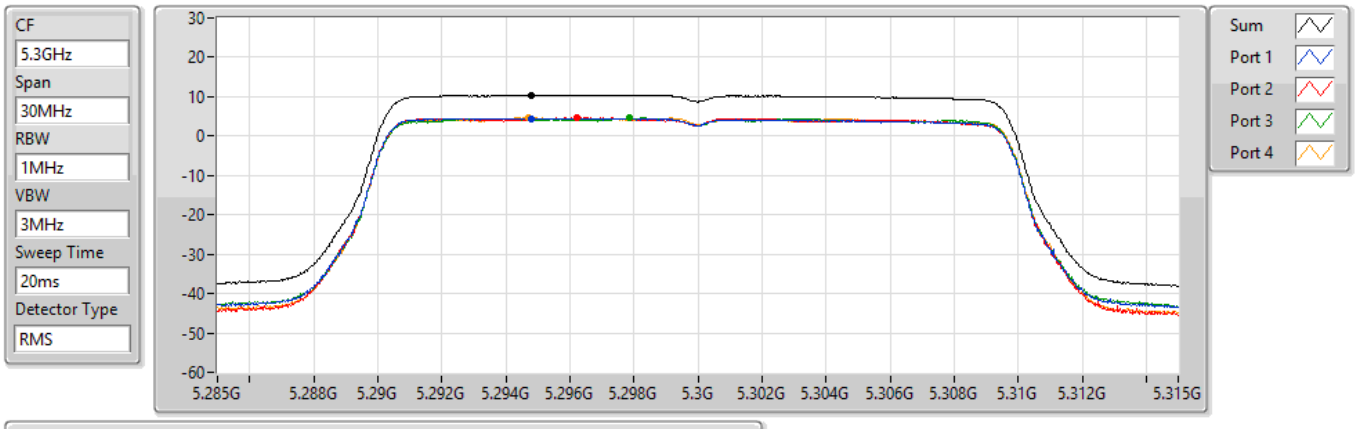
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.23	10.23	3.71	4.64	4.37	4.53

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5300MHz

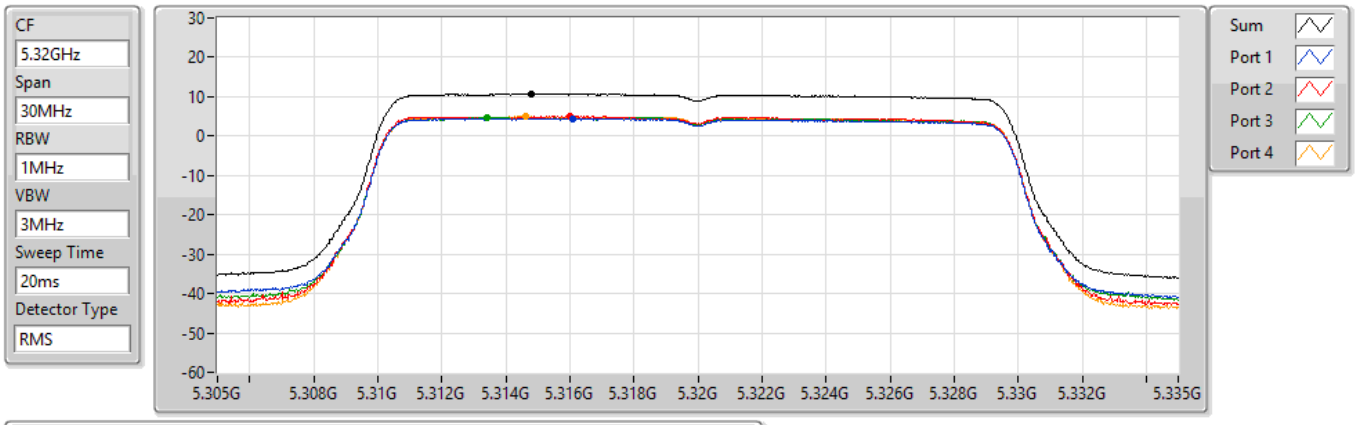


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.44	10.44	4.48	4.62	4.60	4.72

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5320MHz

07/07/2022

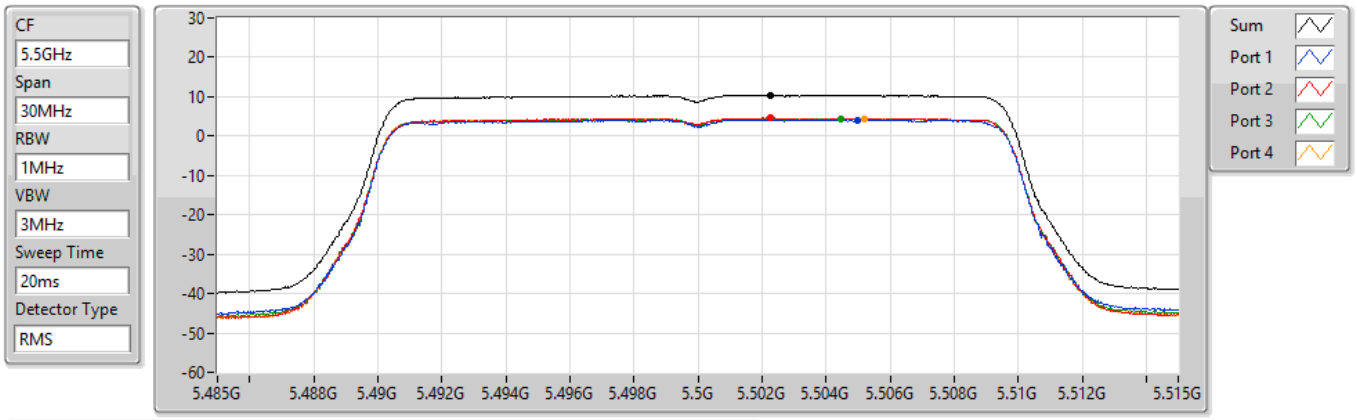


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.68	10.68	4.45	4.98	4.80	4.97

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5500MHz

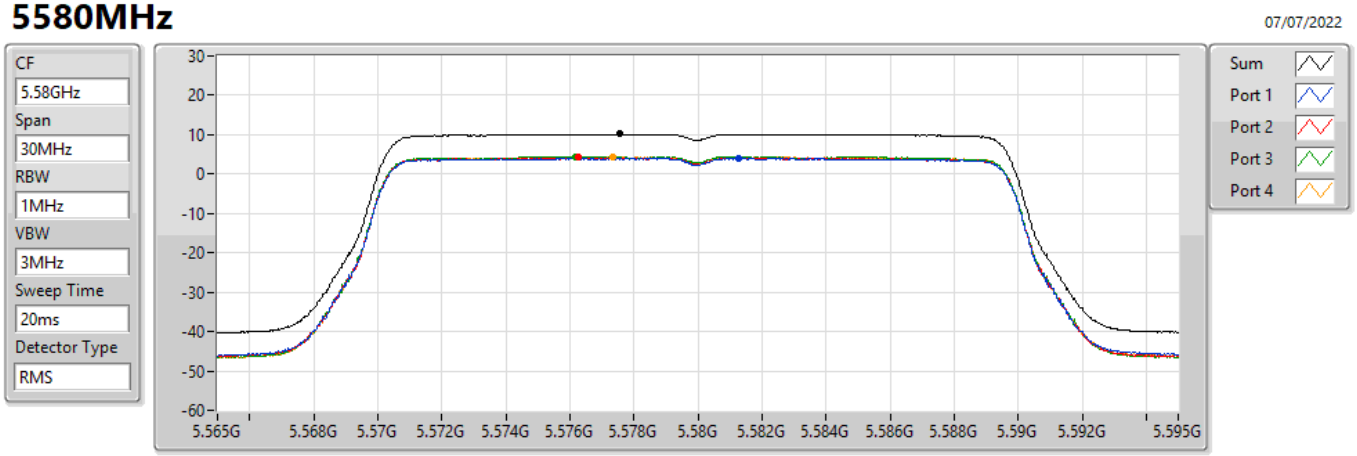
07/07/2022



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	4.09	4.55	4.46	4.39

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

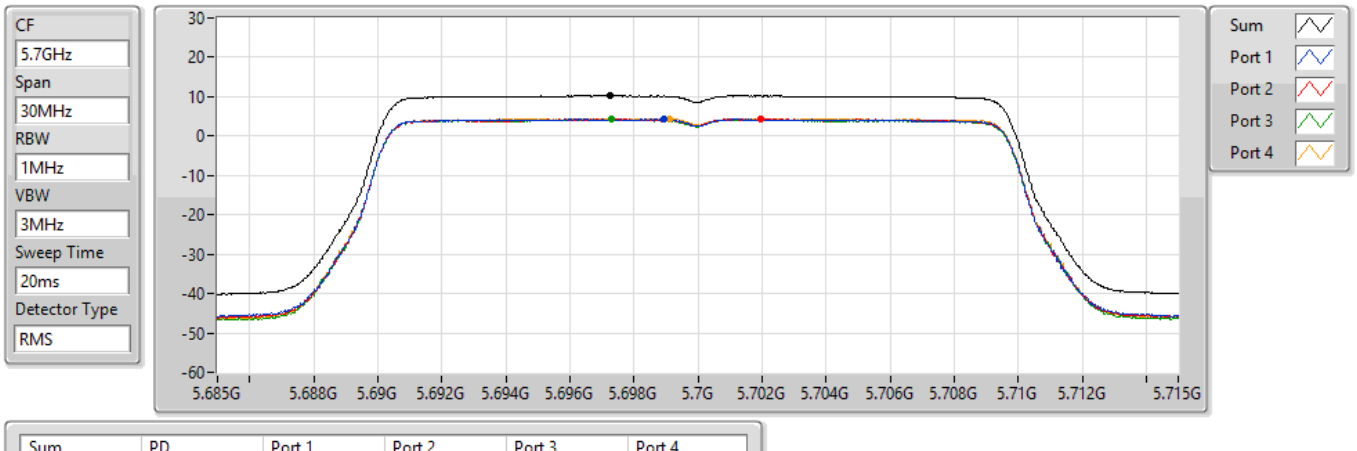
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.15	10.15	4.00	4.17	4.42	4.33

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5700MHz

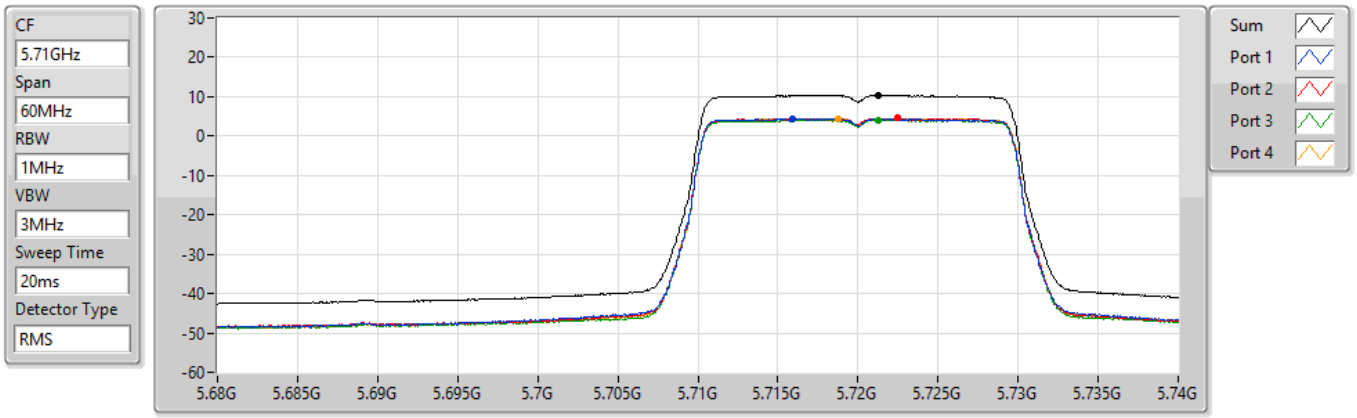


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.24	10.24	4.29	4.36	4.20	4.49

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

07/07/2022

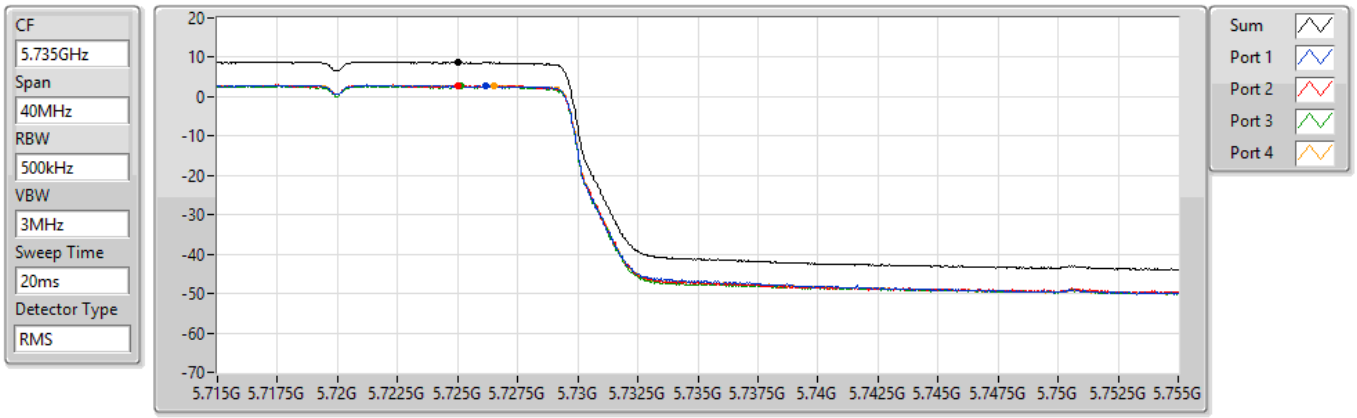


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.32	10.32	4.38	4.53	4.15	4.51

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

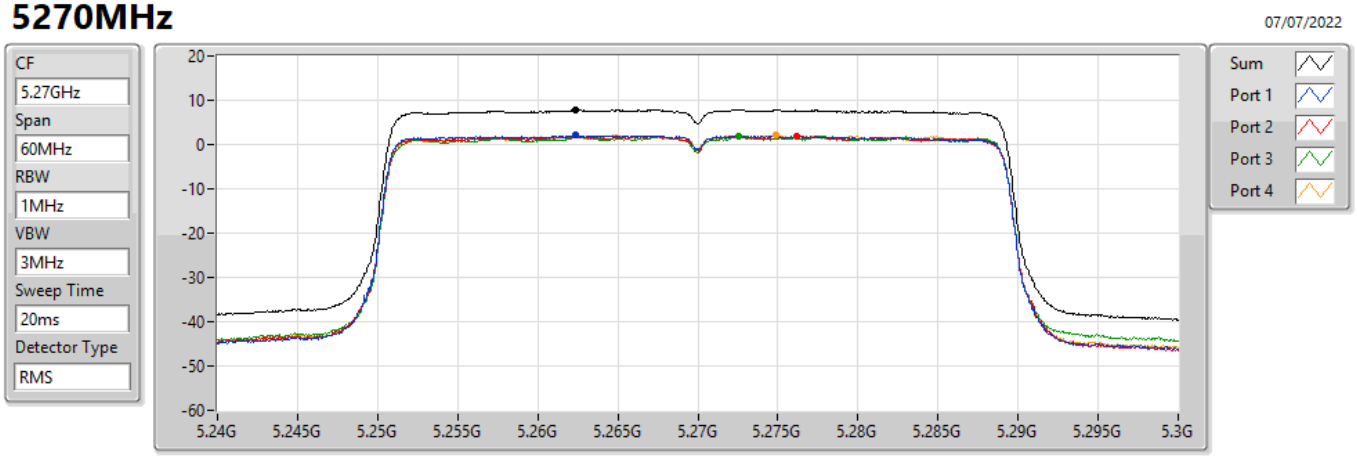
07/07/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.67	8.67	2.74	2.78	2.61	2.80

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

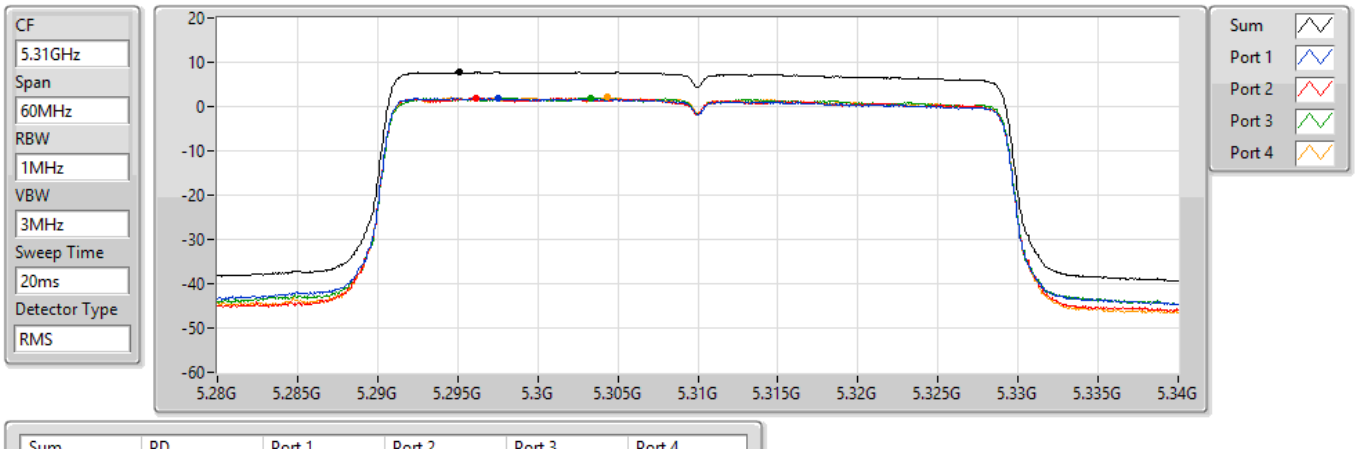
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.83	7.83	2.04	1.84	1.86	2.19

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5310MHz



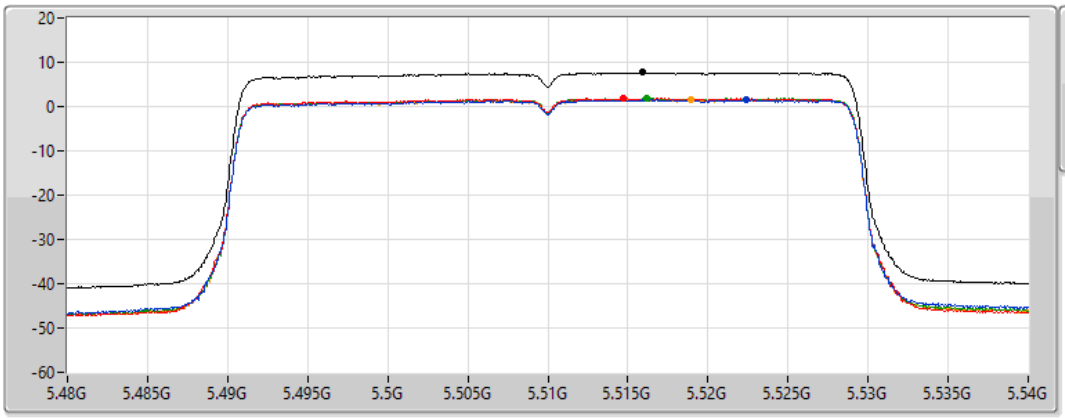
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.72	7.72	1.89	1.87	1.95	2.07

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5510MHz

07/07/2022

CF	5.51GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



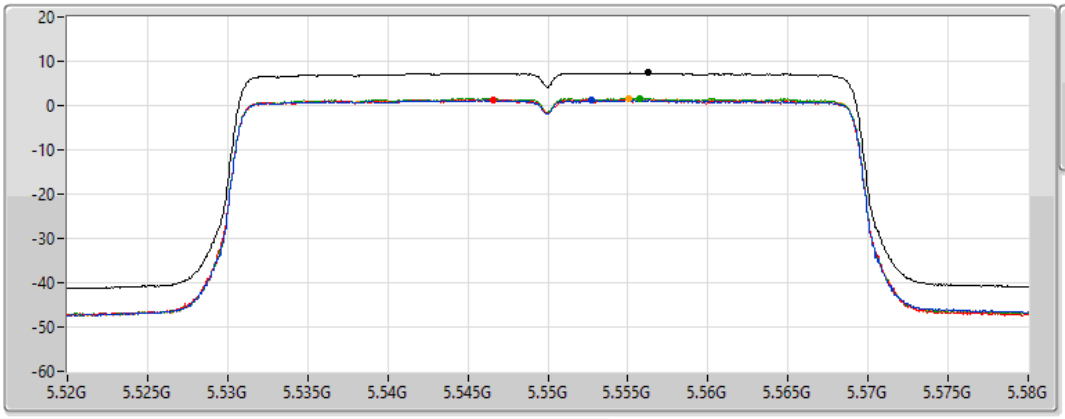
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.66	7.66	1.52	1.88	1.90	1.68

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5550MHz

07/07/2022

CF	5.55GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



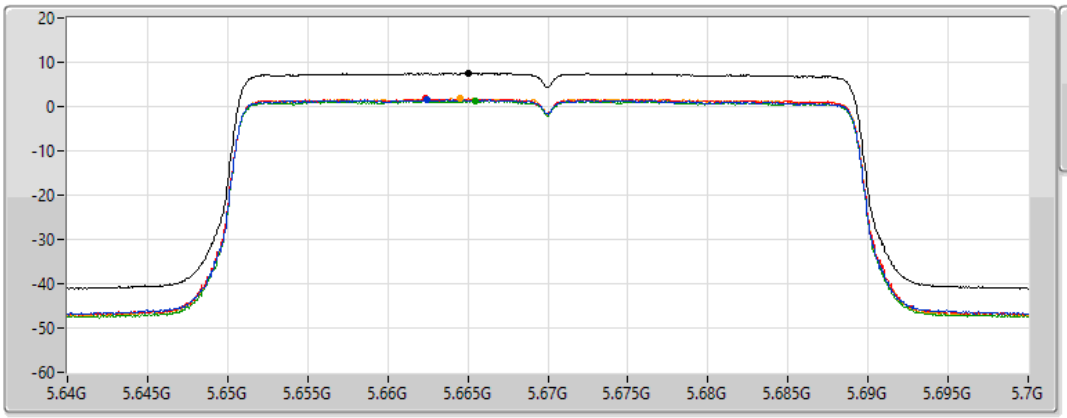
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.36	7.36	1.21	1.31	1.69	1.52

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5670MHz

07/07/2022

CF	5.67GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



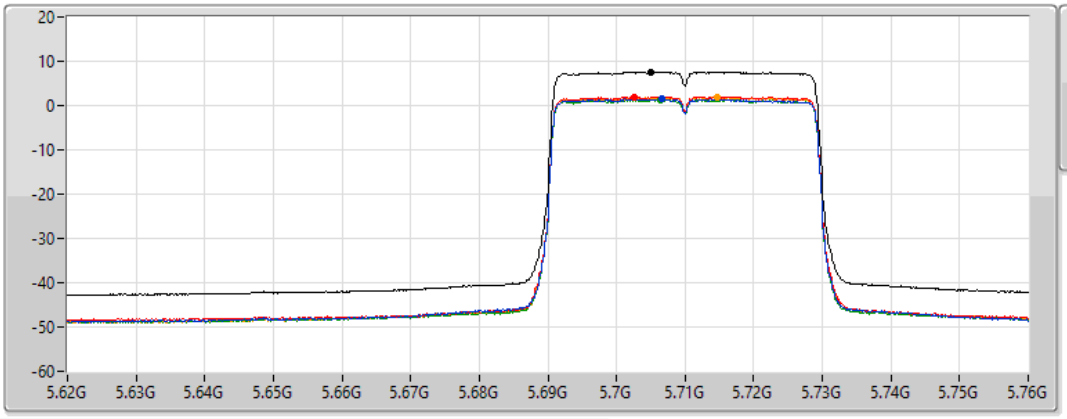
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.54	7.54	1.47	1.79	1.29	1.80

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.47-5.725GHz

07/07/2022

CF	5.69GHz
Span	140MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

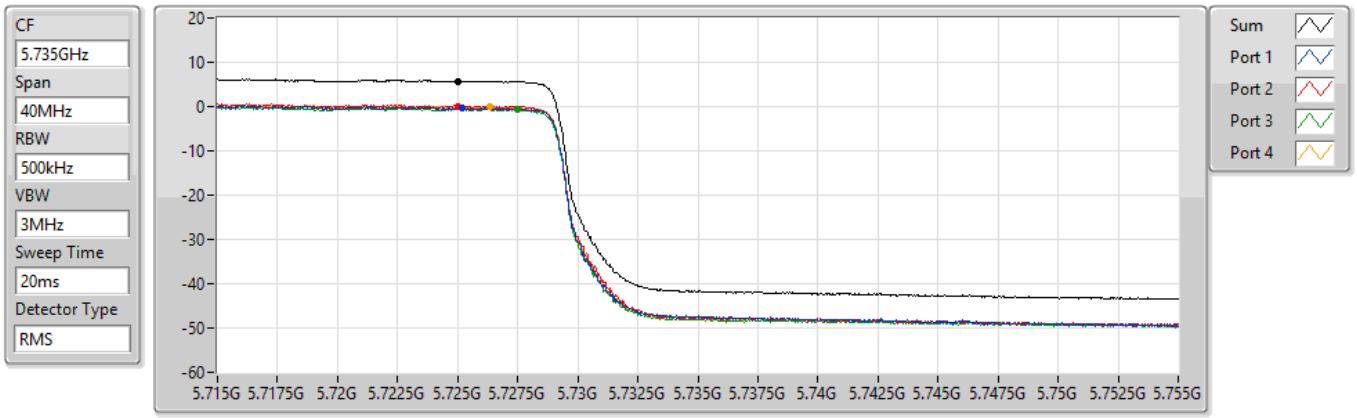


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.59	7.59	1.45	2.03	1.39	1.78

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.725-5.85GHz

07/07/2022

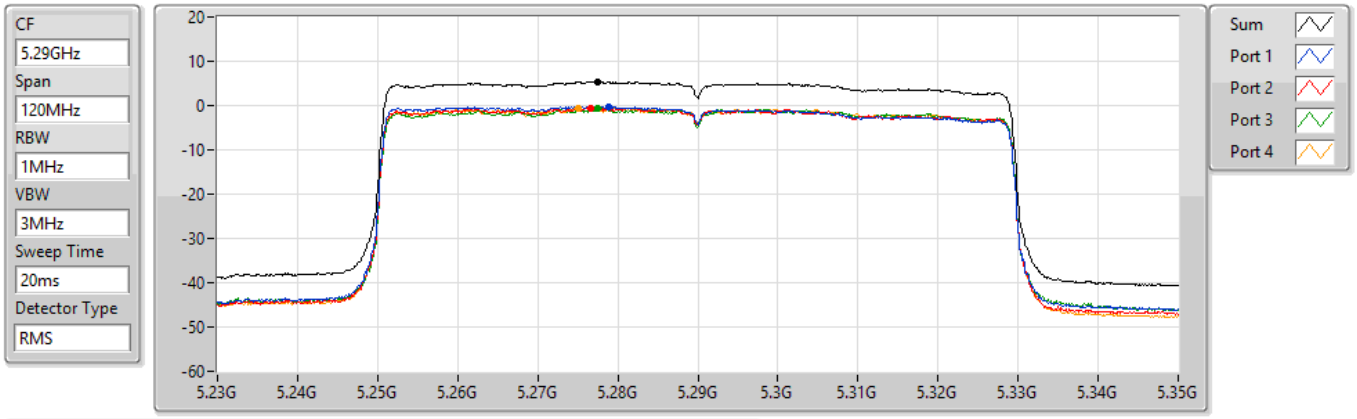


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.75	5.75	-0.30	0.15	-0.55	0.00

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5290MHz

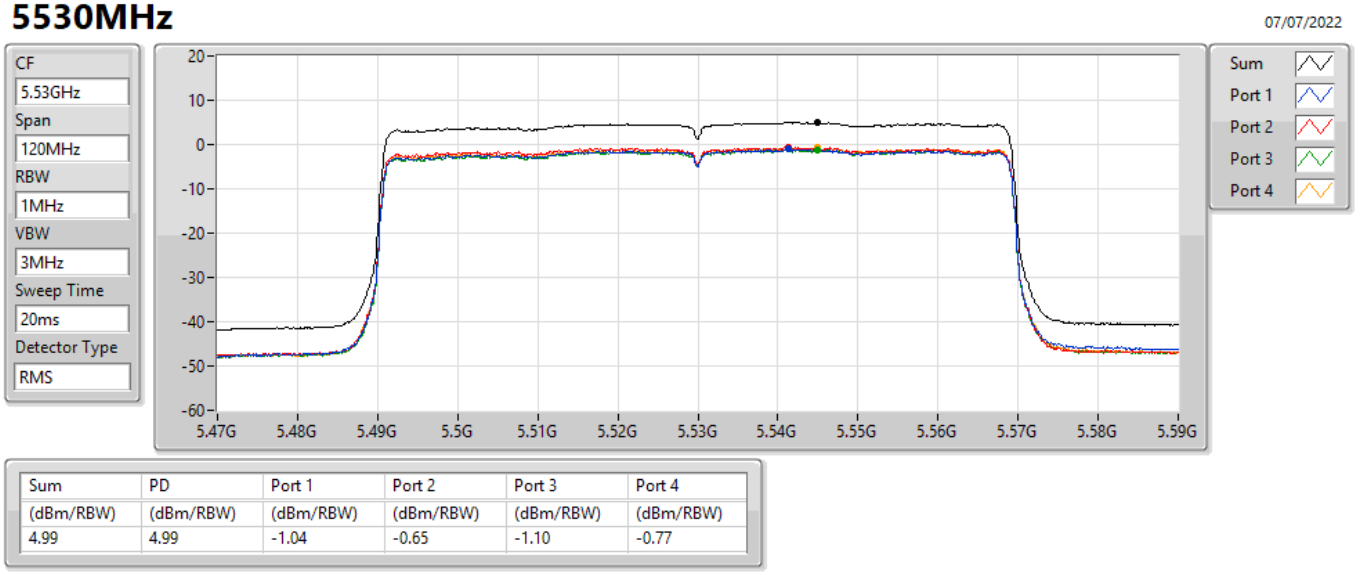
07/07/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.43	5.43	-0.24	-0.48	-0.67	-0.52

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

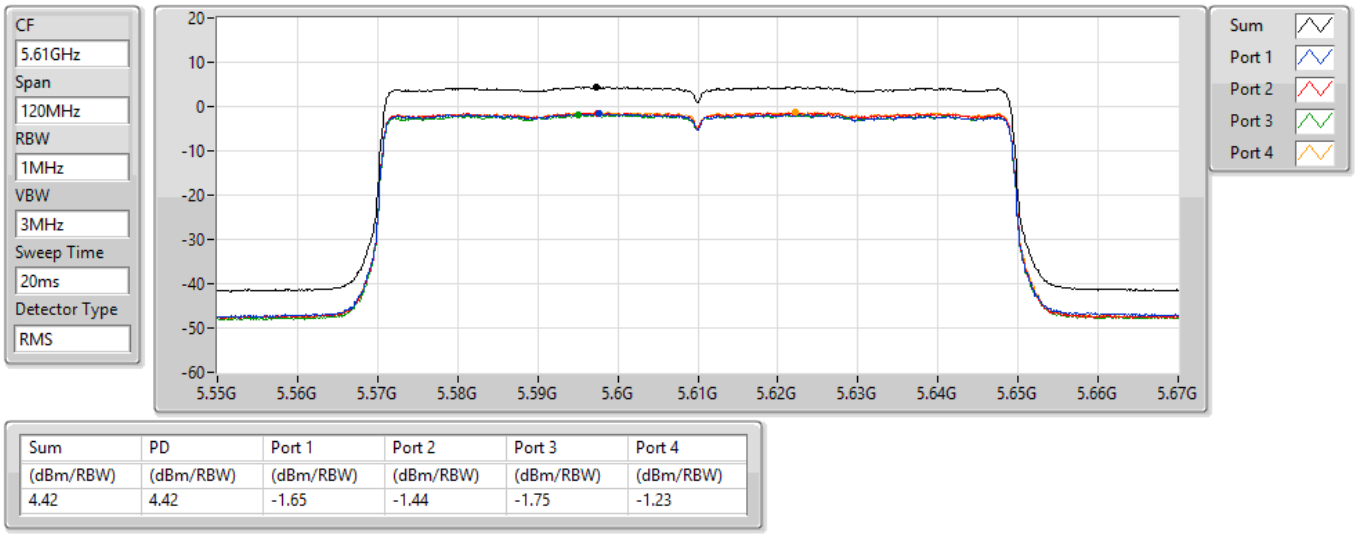
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.99	4.99	-1.04	-0.65	-1.10	-0.77

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5610MHz

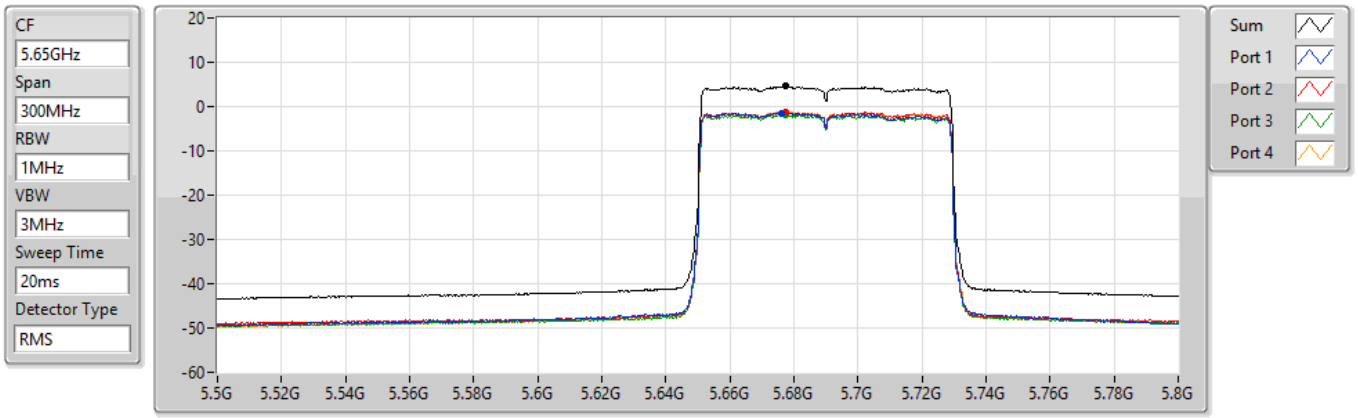


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.42	4.42	-1.65	-1.44	-1.75	-1.23

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

07/07/2022

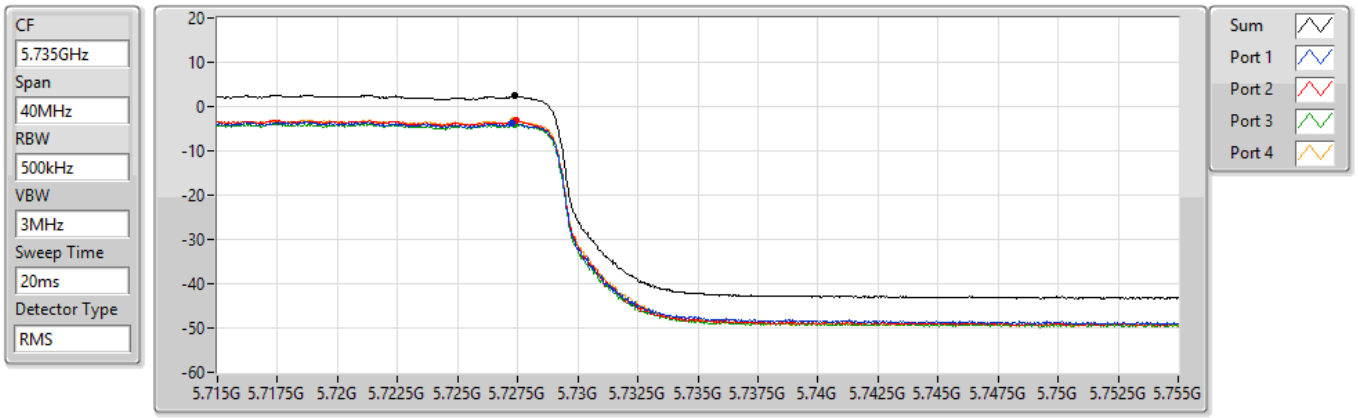


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.58	4.58	-1.41	-1.24	-1.79	-1.18

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

07/07/2022

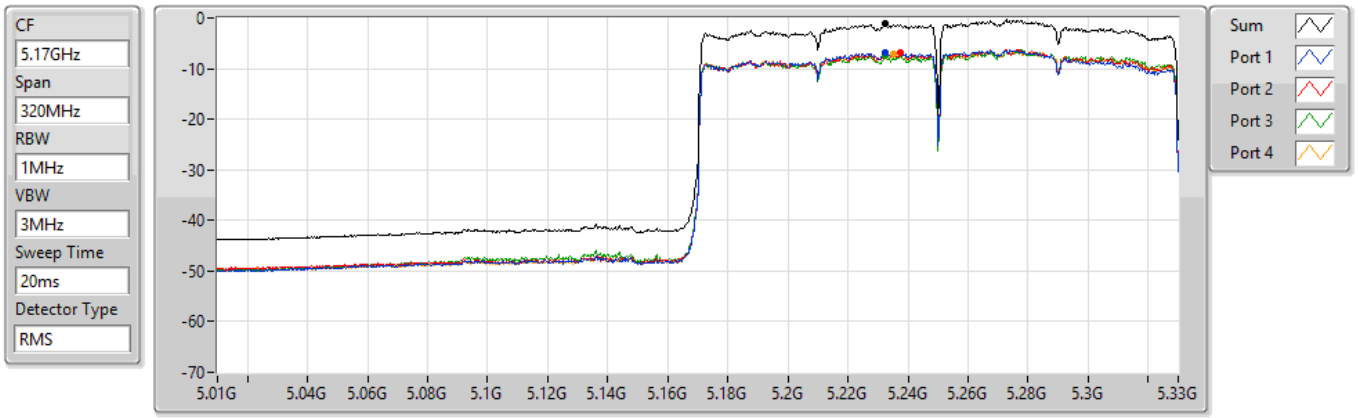


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.38	2.38	-3.87	-3.15	-3.98	-3.22

802.11ax HEW160_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.15-5.25GHz

07/07/2022

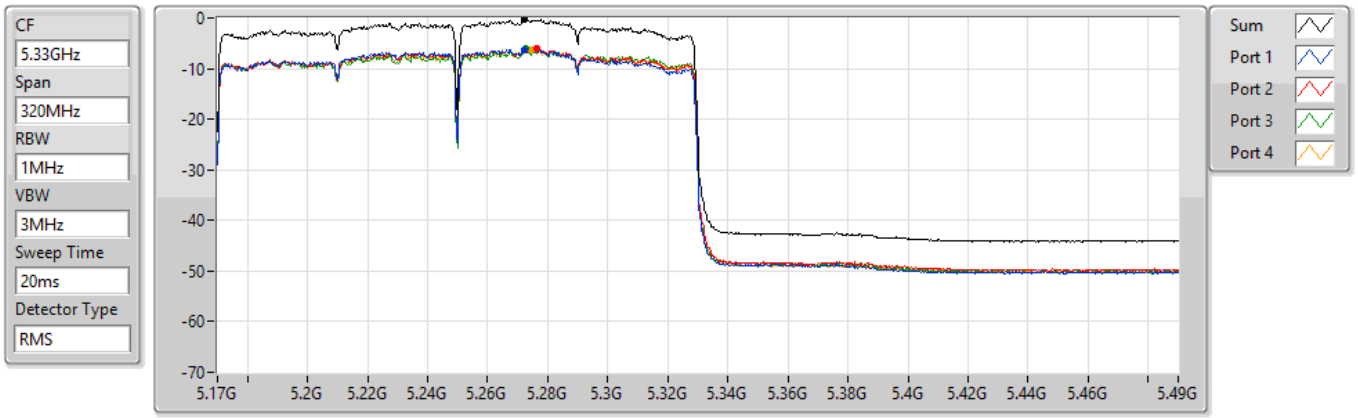


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.22	-1.22	-6.89	-6.93	-7.46	-7.21

802.11ax HEW160_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.25-5.35GHz

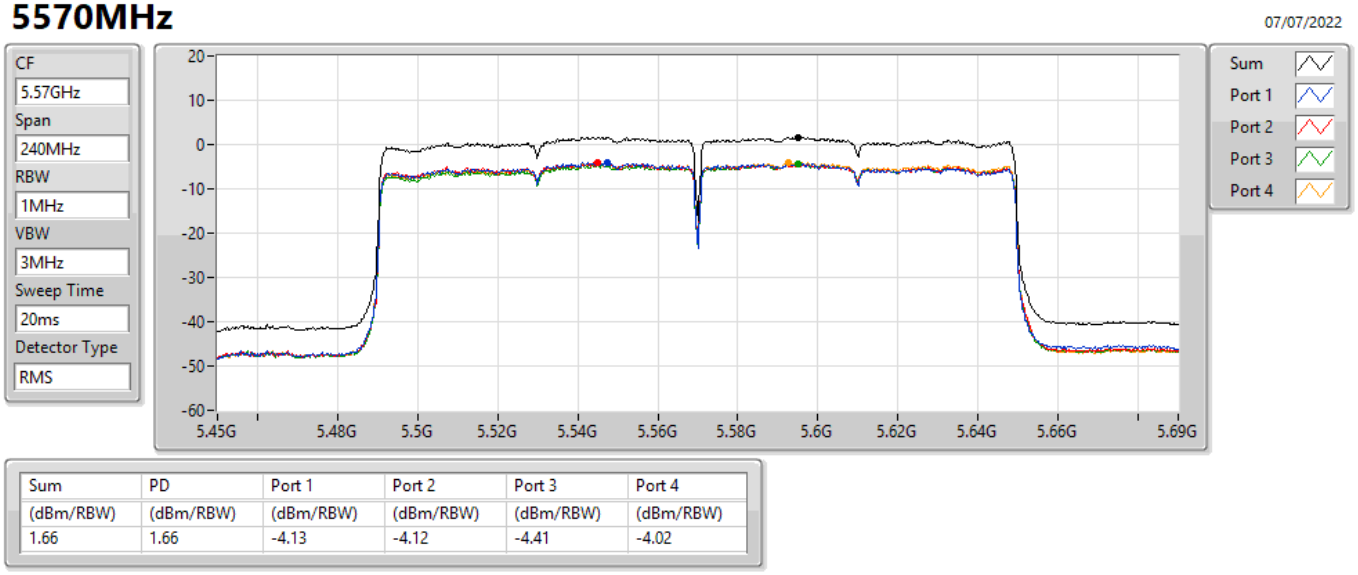
07/07/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.33	-0.33	-6.33	-6.03	-6.13	-6.26

802.11ax HEW160_Nss1,(MCS0)_4TX PSD

5570MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.66	1.66	-4.13	-4.12	-4.41	-4.02

For beamforming mode:
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	0.39
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.82
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.82
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	5.32
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	1.35
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.39
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.59
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.89
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	1.36
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.76
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	5.71
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.35

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

Result

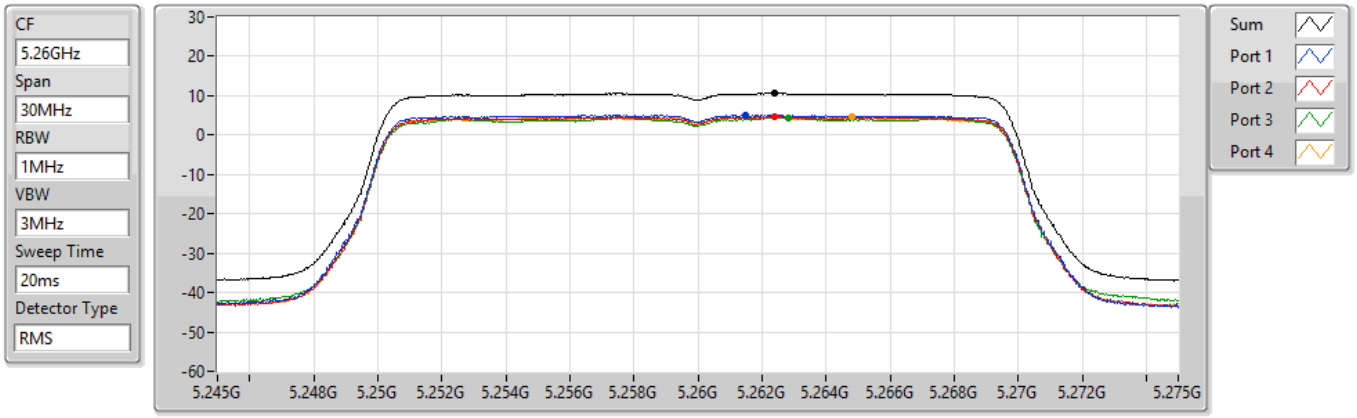
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.61	4.99	4.64	4.48	4.59	10.60	11.00
5300MHz	Pass	3.61	4.61	4.91	4.71	4.76	10.57	11.00
5320MHz	Pass	3.61	4.65	5.09	4.93	5.14	10.82	11.00
5500MHz	Pass	4.32	4.25	4.64	4.48	4.53	10.39	11.00
5580MHz	Pass	4.32	4.03	4.16	4.31	4.21	10.08	11.00
5700MHz	Pass	4.32	4.32	4.33	4.16	4.50	10.27	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.32	4.42	4.53	4.20	4.54	10.38	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.21	2.72	2.91	2.53	2.88	8.76	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.61	2.02	1.90	1.88	2.11	7.82	11.00
5310MHz	Pass	3.61	1.66	1.89	1.88	2.07	7.69	11.00
5510MHz	Pass	4.32	1.07	1.40	1.53	1.36	7.29	11.00
5550MHz	Pass	4.32	1.19	1.23	1.68	1.41	7.31	11.00
5670MHz	Pass	4.32	1.37	1.70	1.28	1.76	7.46	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.32	1.56	1.88	1.39	1.71	7.59	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.21	-0.50	-0.02	-0.45	-0.05	5.71	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.61	-0.23	-0.49	-0.76	-0.80	5.32	11.00
5530MHz	Pass	4.32	-1.28	-0.69	-1.14	-0.99	4.89	11.00
5610MHz	Pass	4.32	-1.67	-1.42	-1.86	-1.47	4.29	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.32	-1.43	-1.37	-1.75	-1.43	4.43	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.21	-3.96	-3.21	-3.91	-3.45	2.35	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.16	-5.08	-5.44	-5.86	-5.58	0.39	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.61	-4.44	-4.44	-4.58	-4.74	1.35	11.00
5570MHz	Pass	4.32	-4.56	-4.48	-4.67	-4.44	1.36	11.00

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5260MHz

07/07/2022

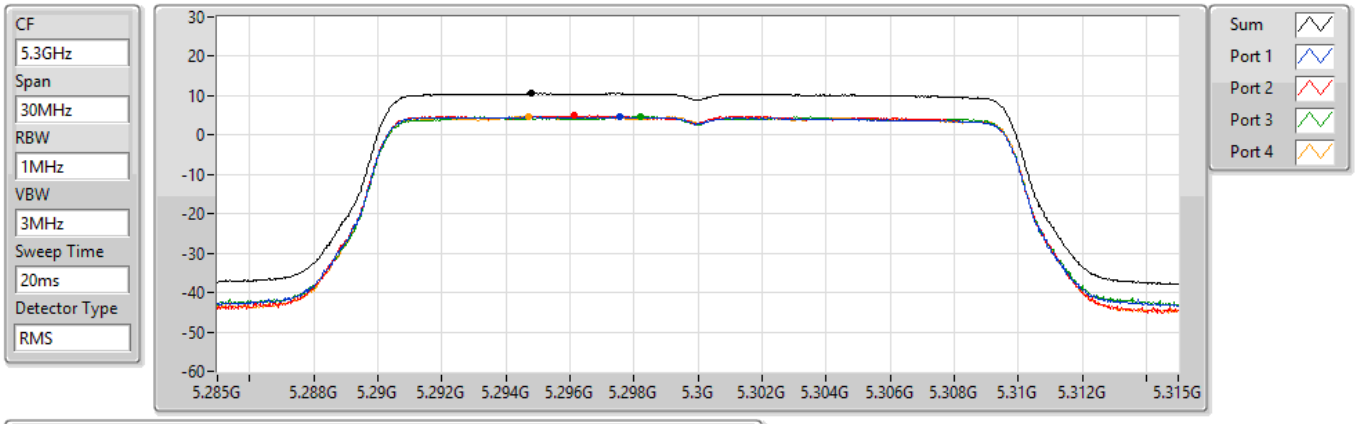


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.60	10.60	4.99	4.64	4.48	4.59

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5300MHz

07/07/2022



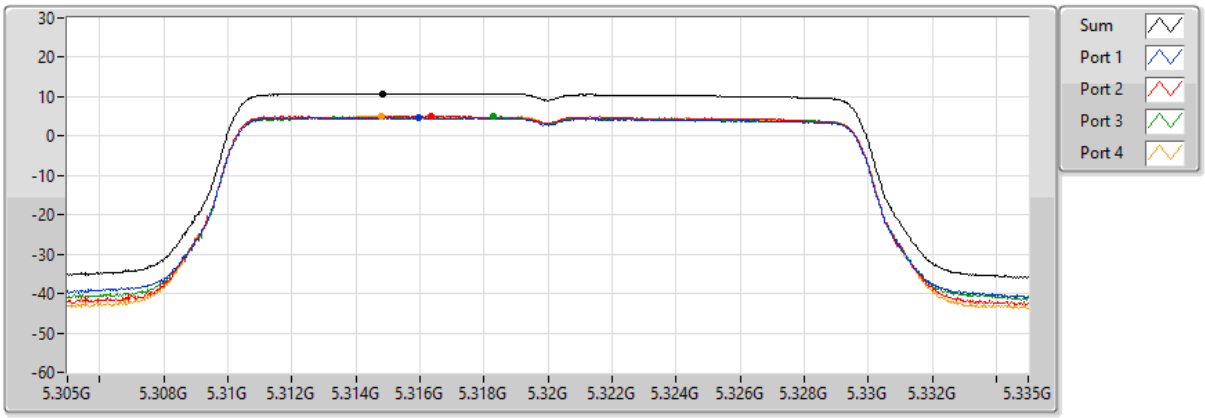
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.57	10.57	4.61	4.91	4.71	4.76

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5320MHz

07/07/2022

CF	5.32GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



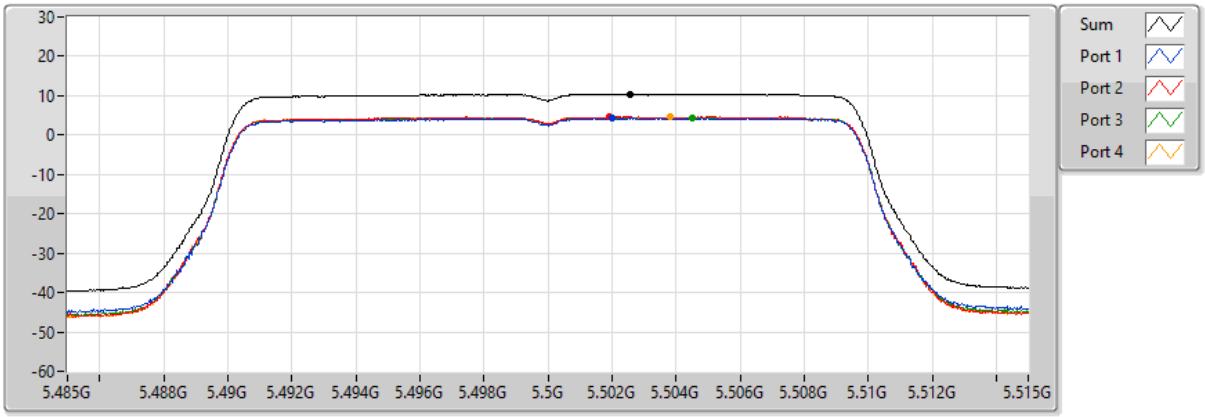
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.82	10.82	4.65	5.09	4.93	5.14

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5500MHz

07/07/2022

CF	5.5GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

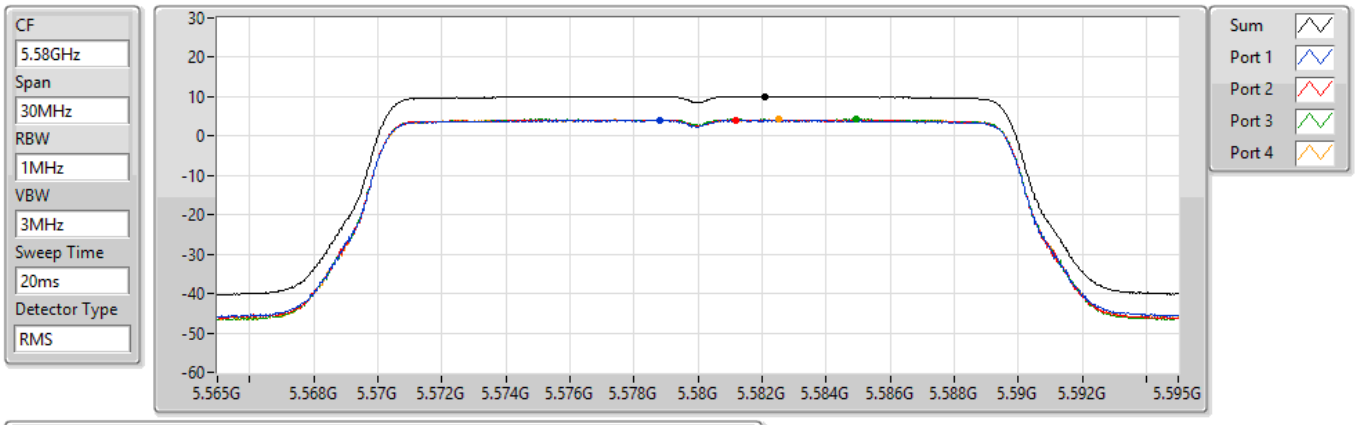


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.39	10.39	4.25	4.64	4.48	4.53

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5580MHz

07/07/2022

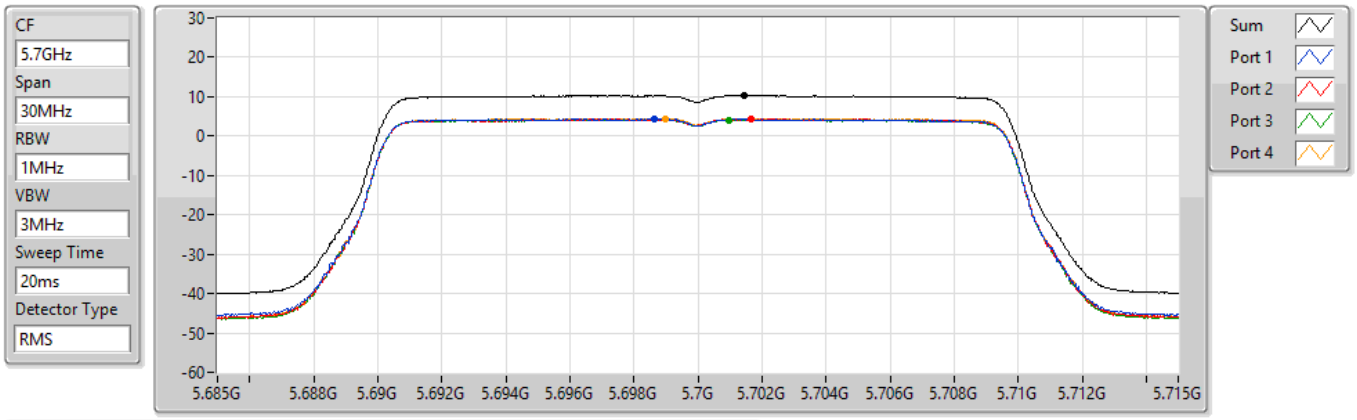


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.08	10.08	4.03	4.16	4.31	4.21

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5700MHz

07/07/2022

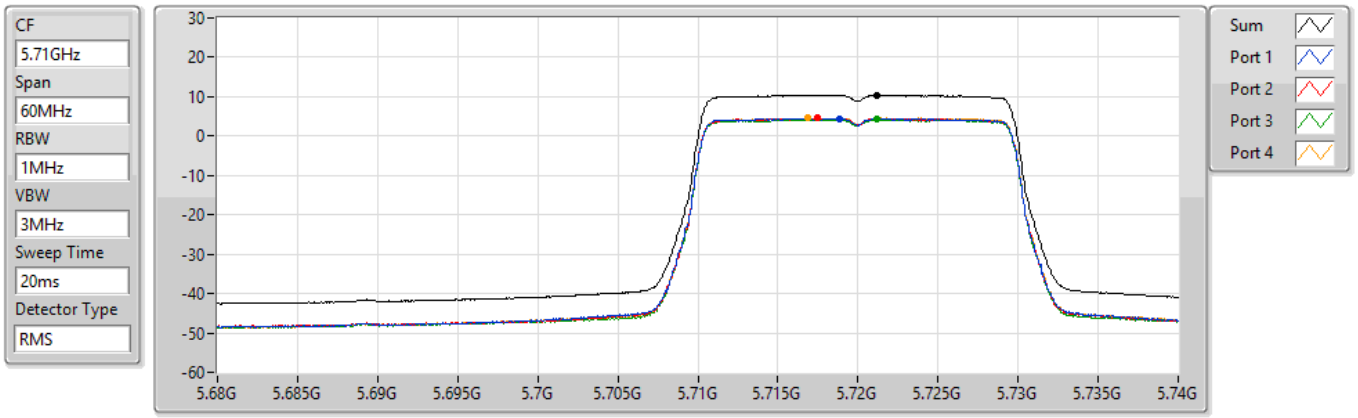


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.27	10.27	4.32	4.33	4.16	4.50

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

07/07/2022

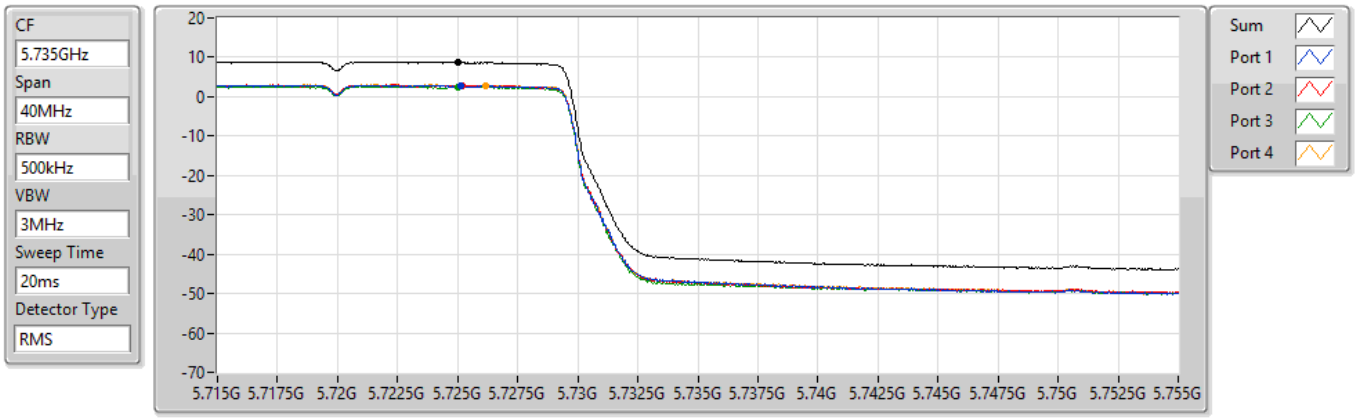


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.38	10.38	4.42	4.53	4.20	4.54

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

07/07/2022



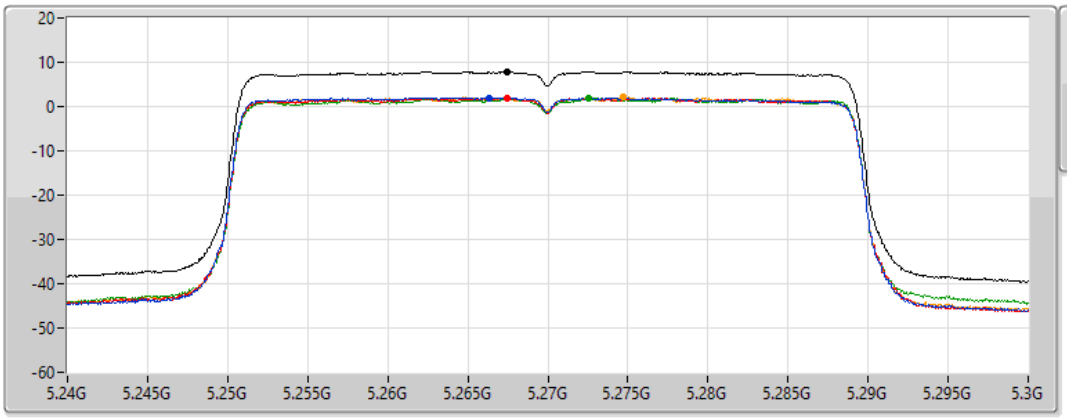
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.76	8.76	2.72	2.91	2.53	2.88

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5270MHz

07/07/2022

CF	5.27GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



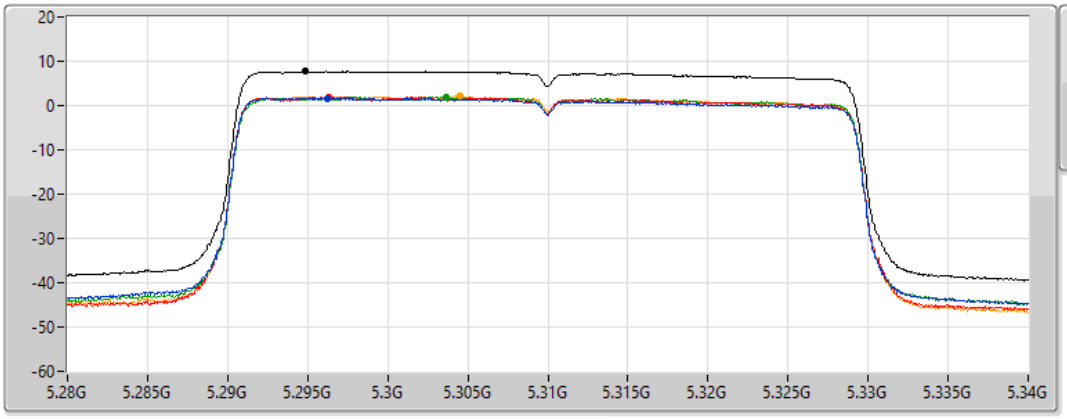
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.82	7.82	2.02	1.90	1.88	2.11

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5310MHz

07/07/2022

CF	5.31GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

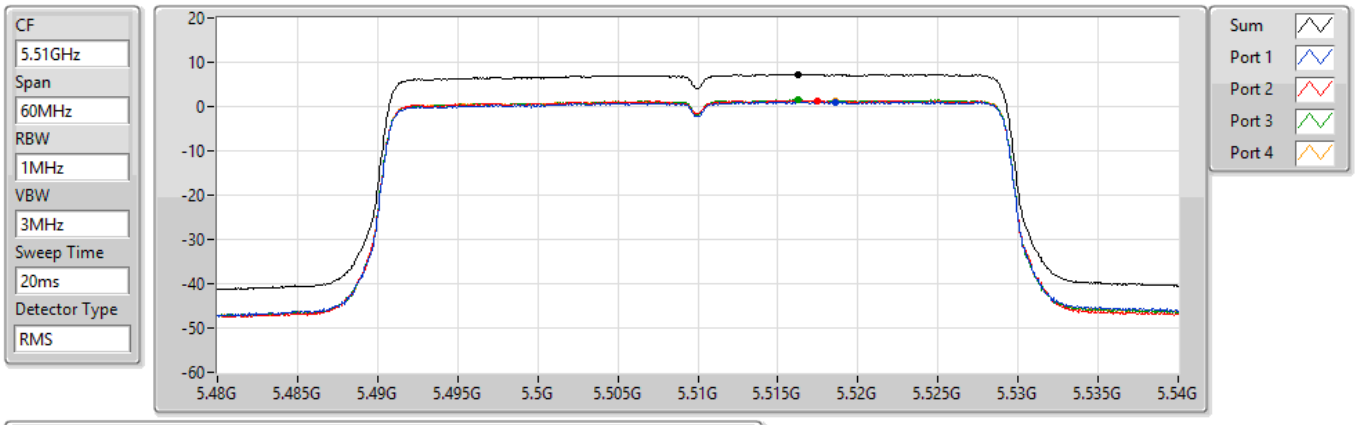


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.69	7.69	1.66	1.89	1.88	2.07

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5510MHz

07/07/2022

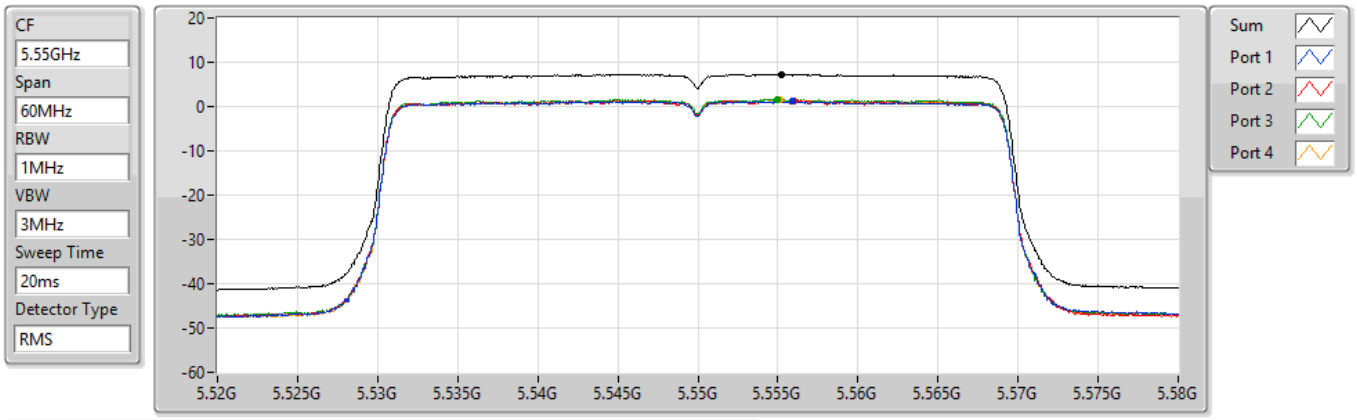


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.29	7.29	1.07	1.40	1.53	1.36

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5550MHz

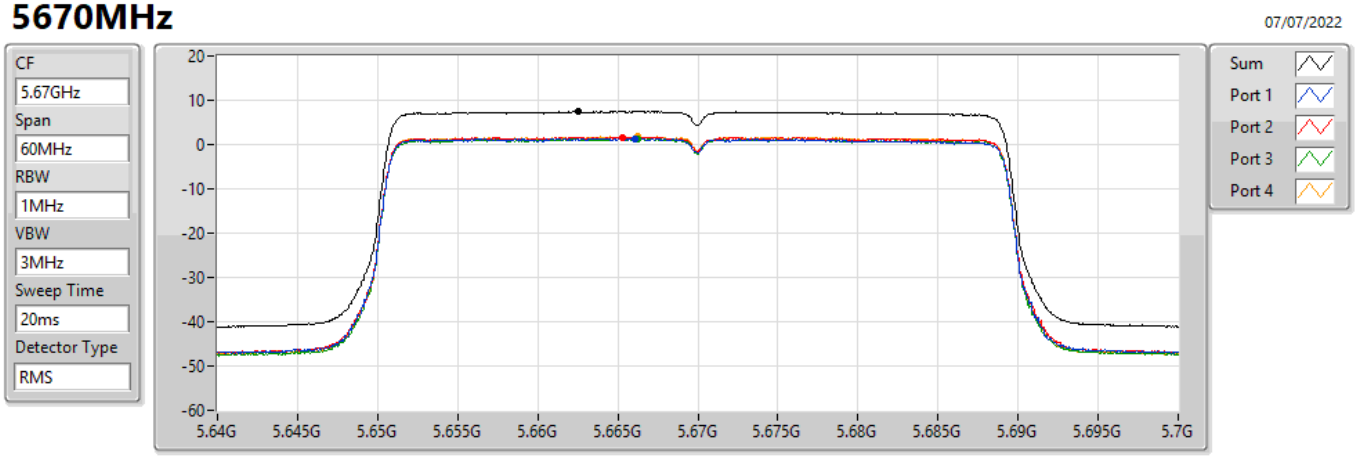
07/07/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.31	7.31	1.19	1.23	1.68	1.41

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

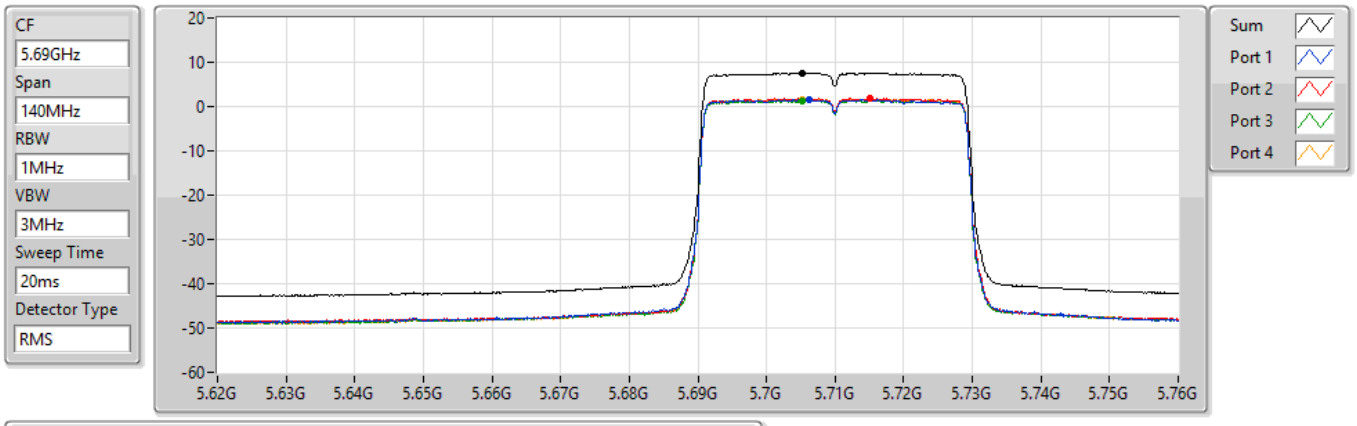
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.46	7.46	1.37	1.70	1.28	1.76

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.47-5.725GHz

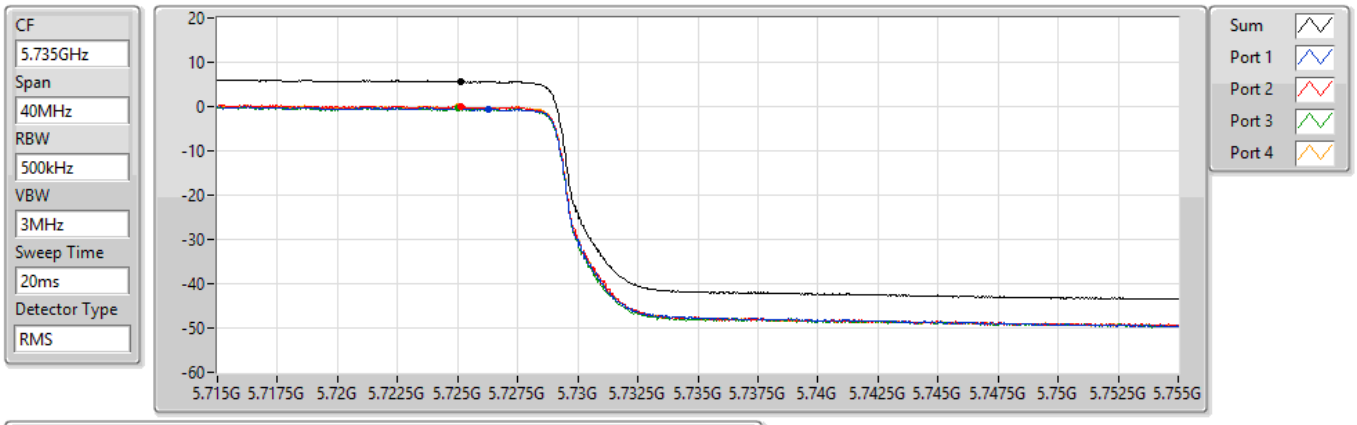


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.59	7.59	1.56	1.88	1.39	1.71

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.725-5.85GHz

07/07/2022

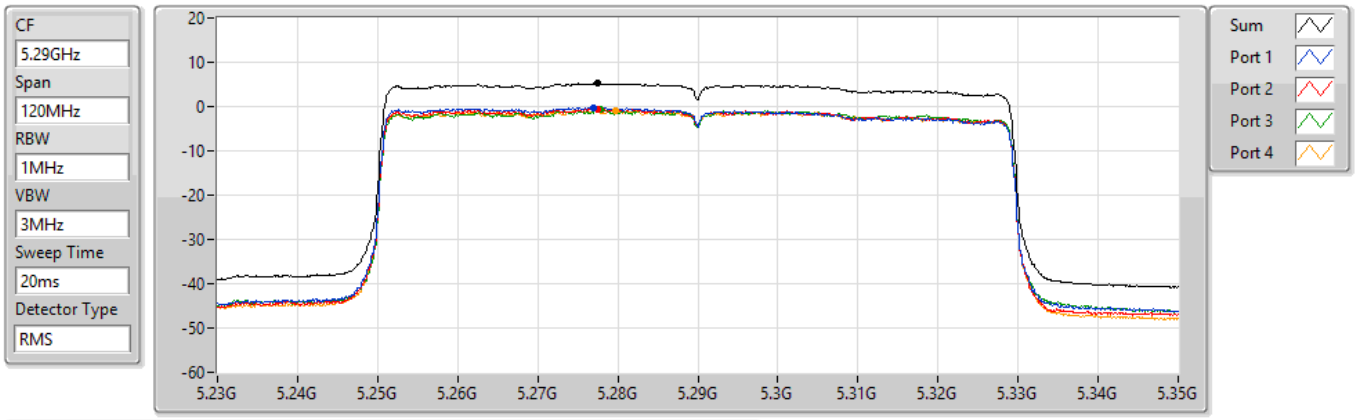


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.71	5.71	-0.50	-0.02	-0.45	-0.05

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5290MHz

07/07/2022

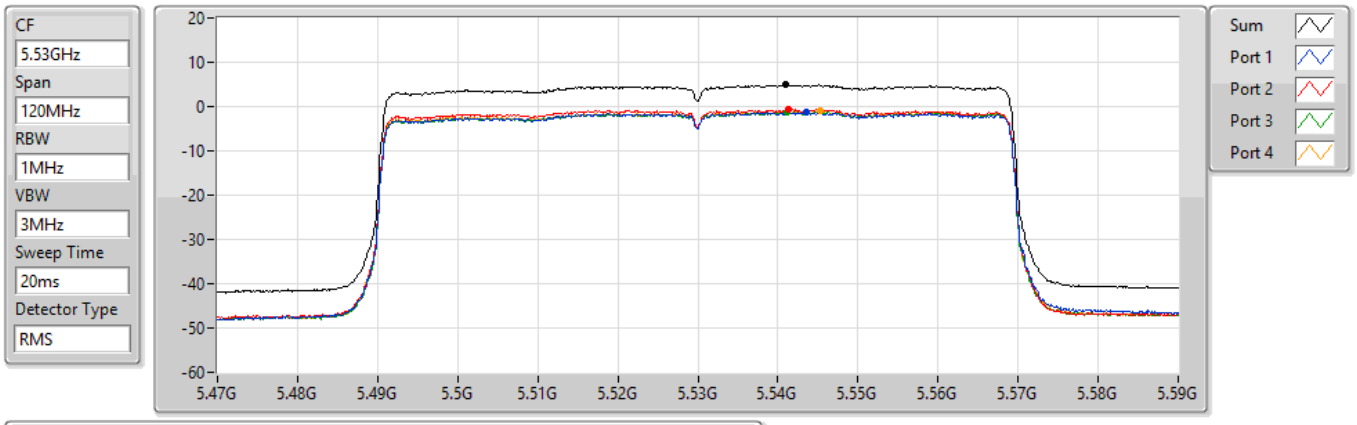


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.32	5.32	-0.23	-0.49	-0.76	-0.80

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5530MHz

07/07/2022

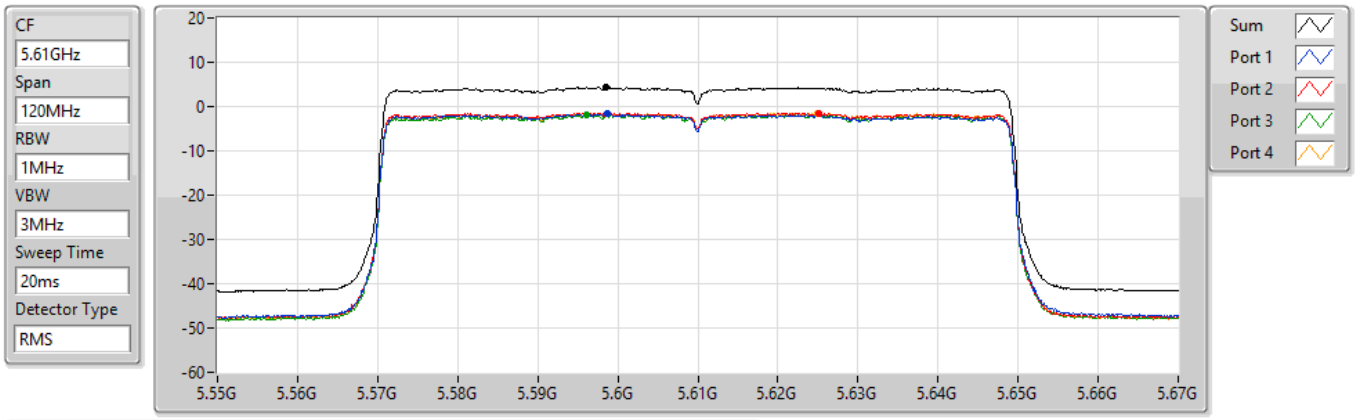


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.89	4.89	-1.28	-0.69	-1.14	-0.99

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5610MHz

07/07/2022

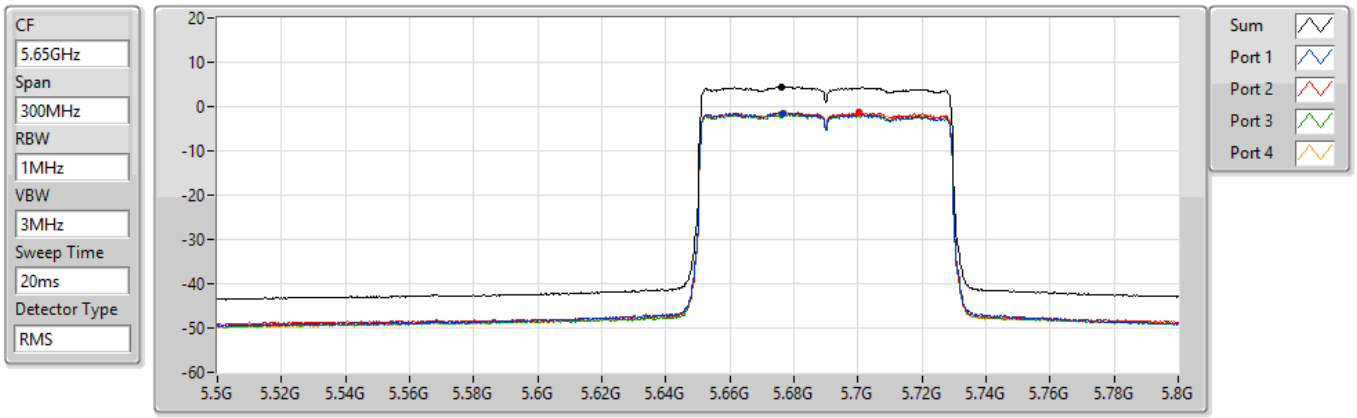


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.29	4.29	-1.67	-1.42	-1.86	-1.47

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

07/07/2022

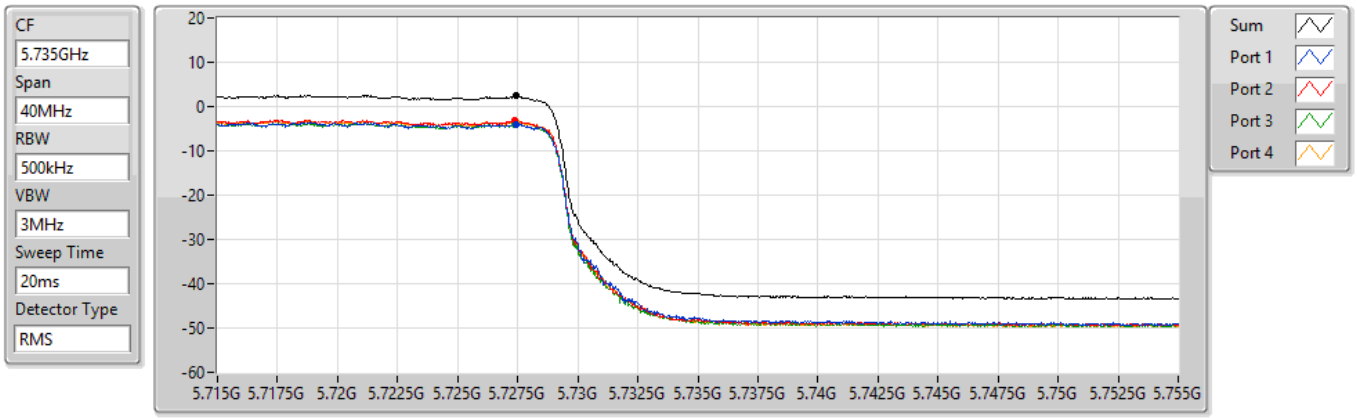


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.43	4.43	-1.43	-1.37	-1.75	-1.43

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

07/07/2022

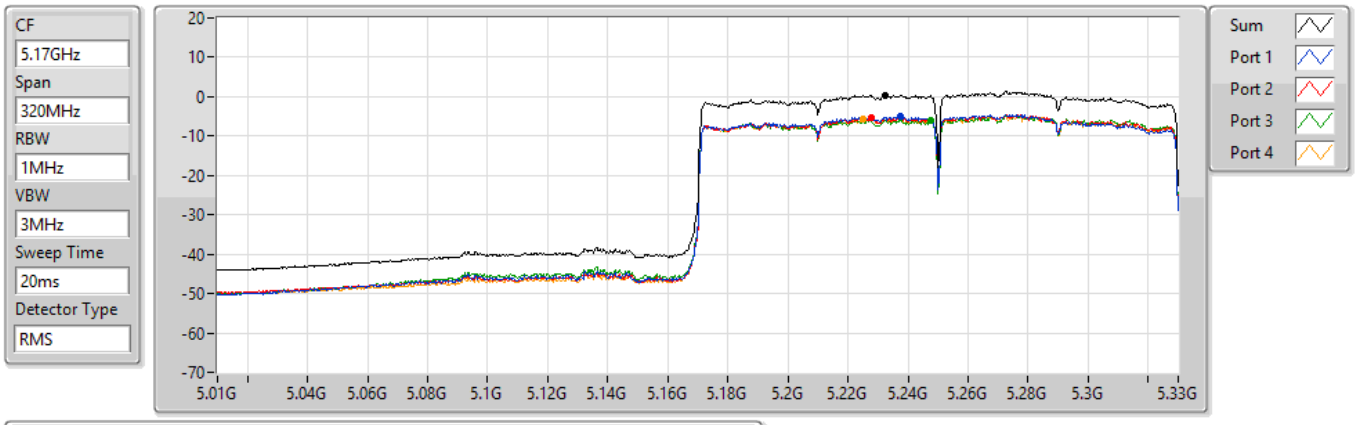


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.35	2.35	-3.96	-3.21	-3.91	-3.45

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.15-5.25GHz

07/07/2022

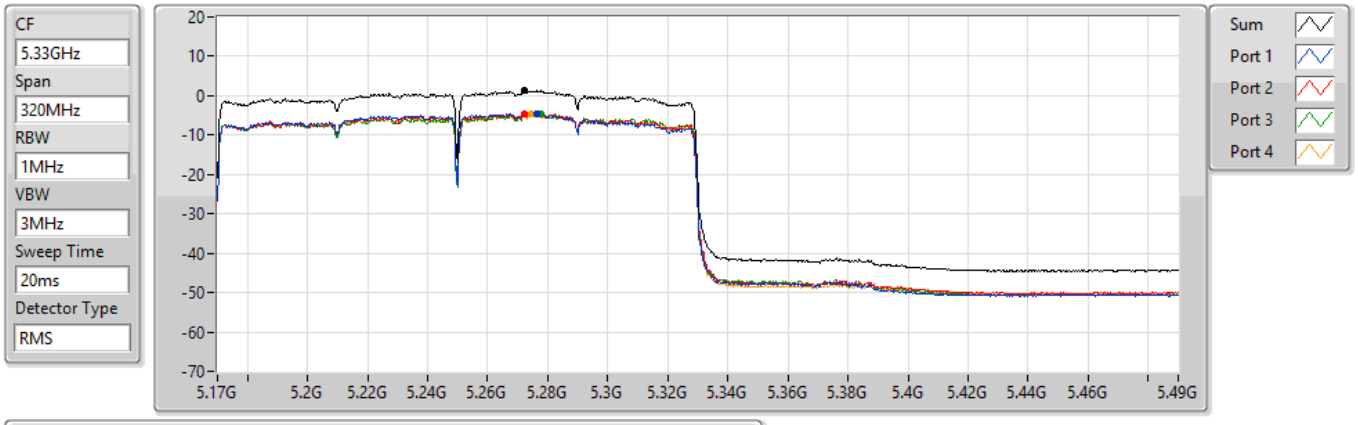


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.39	0.39	-5.08	-5.44	-5.86	-5.58

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.25-5.35GHz

07/07/2022

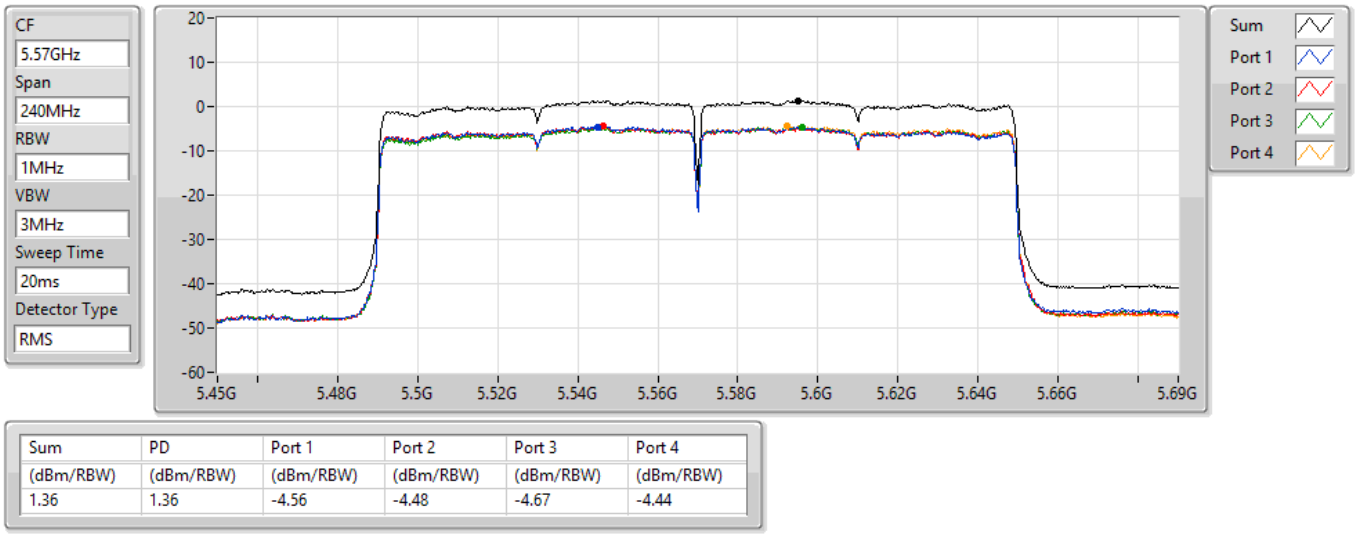


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.35	1.35	-4.44	-4.44	-4.58	-4.74

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5570MHz

07/07/2022

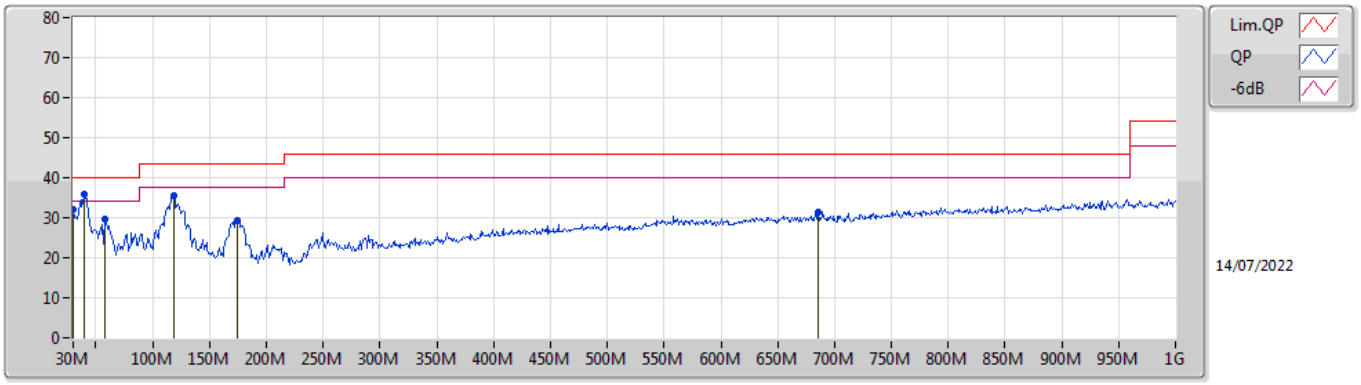


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.36	1.36	-4.56	-4.48	-4.67	-4.44

Summary

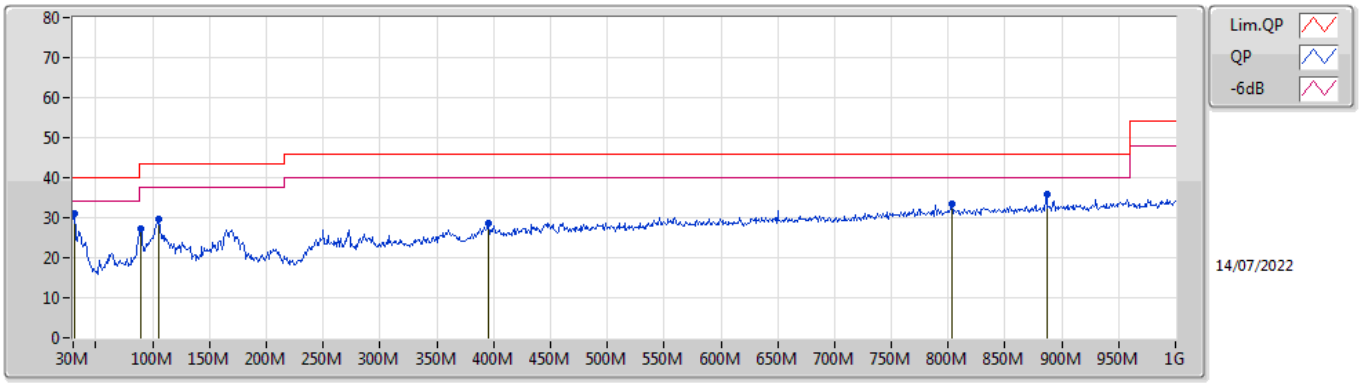
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	39.7M	35.90	40.00	-4.10	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	30M	31.99	40.00	-8.01	-6.76	3	Vertical	357	3.00	-	38.75	23.99	0.80	31.55
PK	39.7M	35.90	40.00	-4.10	-12.07	3	Vertical	136	1.00	"Worst"	47.97	18.78	0.90	31.75
PK	58.13M	29.70	40.00	-10.30	-18.43	3	Vertical	87	2.00	-	48.13	12.32	1.16	31.91
PK	118.27M	35.38	43.50	-8.12	-12.38	3	Vertical	181	1.00	-	47.76	18.00	1.59	31.97
PK	174.53M	29.43	43.50	-14.07	-14.67	3	Vertical	200	1.00	-	44.10	15.25	2.07	31.99
PK	685.72M	31.44	46.00	-14.56	-3.57	3	Vertical	282	1.00	-	35.01	24.57	4.41	32.55

Mode 1



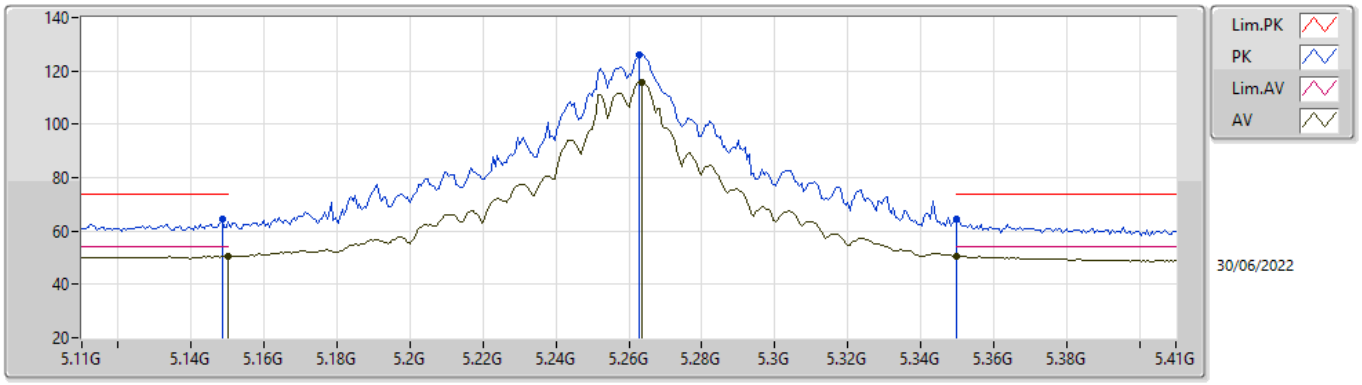
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	30.97M	31.04	40.00	-8.96	-7.22	3	Horizontal	231	3.00	"Worst"	38.26	23.54	0.82	31.58
PK	89.17M	27.15	43.50	-16.35	-16.02	3	Horizontal	237	3.00	-	43.17	14.46	1.48	31.96
PK	105.66M	29.65	43.50	-13.85	-13.14	3	Horizontal	257	3.00	-	42.79	17.30	1.53	31.97
PK	395.69M	28.50	46.00	-17.50	-7.63	3	Horizontal	193	1.00	-	36.13	21.35	3.18	32.16
PK	803M	33.41	46.00	-12.59	-2.01	3	Horizontal	360	3.00	-	35.42	25.59	4.91	32.51
PK	886.51M	35.80	46.00	-10.20	-1.11	3	Horizontal	360	1.25	-	36.91	26.13	5.25	32.49

For non-beamforming mode:
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	5.3502G	53.97	54.00	-0.03	3	Vertical	98	1.52	-

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

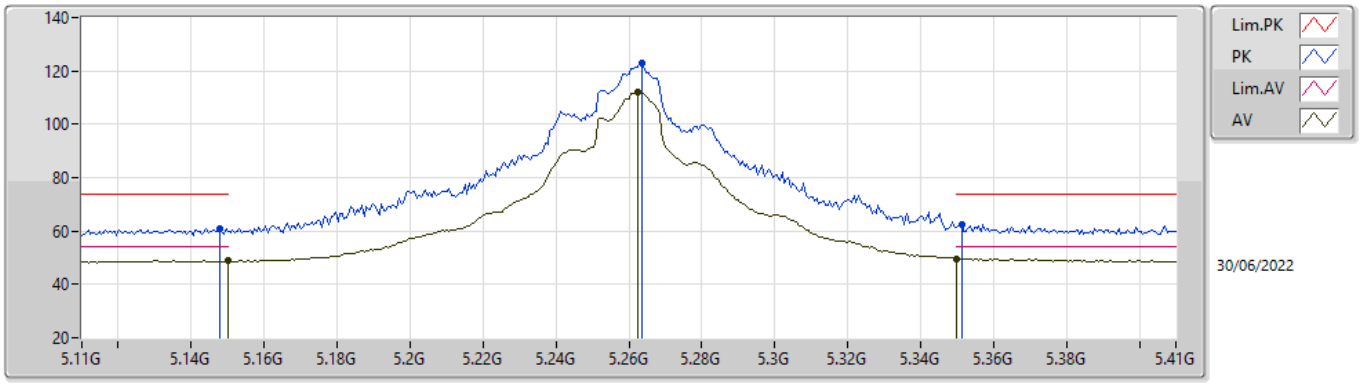


EUT Y_4TX
Setting 108
04-D-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1484G	64.51	74.00	-9.49	59.72	3	Vertical	90	1.77	-	32.91	5.05	33.17
AV	5.15G	50.46	54.00	-3.54	45.68	3	Vertical	90	1.77	-	32.90	5.05	33.17
PK	5.263G	125.88	Inf	-Inf	120.92	3	Vertical	90	1.77	-	33.03	5.10	33.17
AV	5.2636G	115.77	Inf	-Inf	110.81	3	Vertical	90	1.77	-	33.03	5.10	33.17
PK	5.35G	64.38	74.00	-9.62	59.35	3	Vertical	90	1.77	-	33.10	5.10	33.17
AV	5.35G	50.74	54.00	-3.26	45.71	3	Vertical	90	1.77	-	33.10	5.10	33.17

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

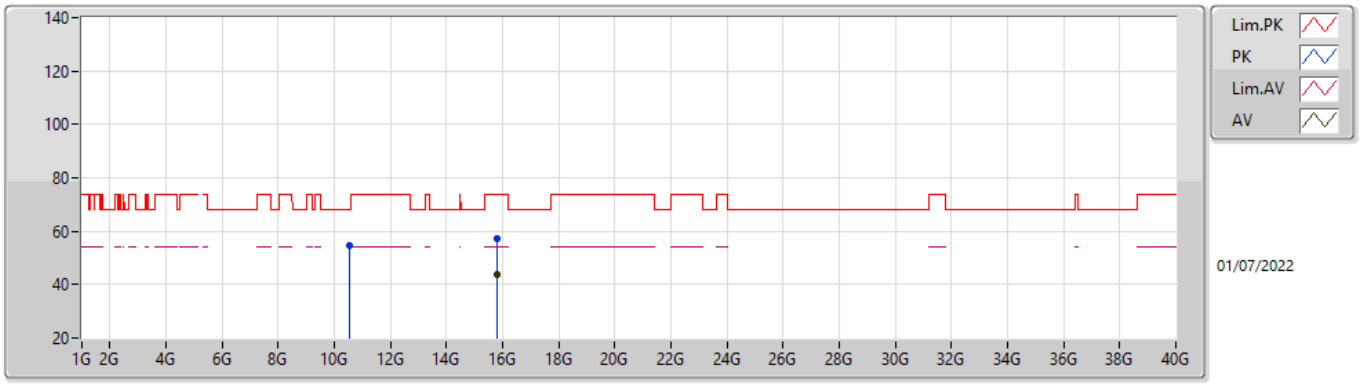


EUT Y_4TX
Setting 108
04-D-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1478G	61.06	74.00	-12.94	56.27	3	Horizontal	54	2.43	-	32.91	5.05	33.17
AV	5.15G	48.91	54.00	-5.09	44.13	3	Horizontal	54	2.43	-	32.90	5.05	33.17
PK	5.2636G	122.83	Inf	-Inf	117.87	3	Horizontal	54	2.43	-	33.03	5.10	33.17
AV	5.2624G	111.92	Inf	-Inf	106.97	3	Horizontal	54	2.43	-	33.02	5.10	33.17
PK	5.3512G	62.49	74.00	-11.51	57.45	3	Horizontal	54	2.43	-	33.11	5.10	33.17
AV	5.35G	49.70	54.00	-4.30	44.67	3	Horizontal	54	2.43	-	33.10	5.10	33.17

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

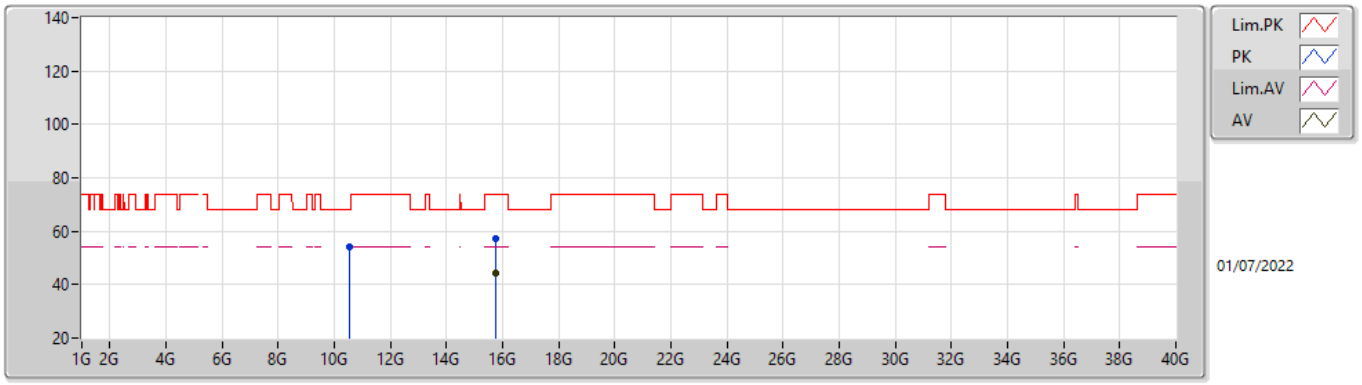


EUT Y_4TX
Setting 108
04-D-S-8

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	10.5178G	54.81	68.20	-13.39	41.78	3	Vertical	301	2.01	-	39.20	7.96	34.13
PK	15.78198G	57.13	74.00	-16.87	44.60	3	Vertical	261	2.27	-	38.63	9.05	35.15
AV	15.78364G	43.94	54.00	-10.06	31.41	3	Vertical	261	2.27	-	38.63	9.05	35.15

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

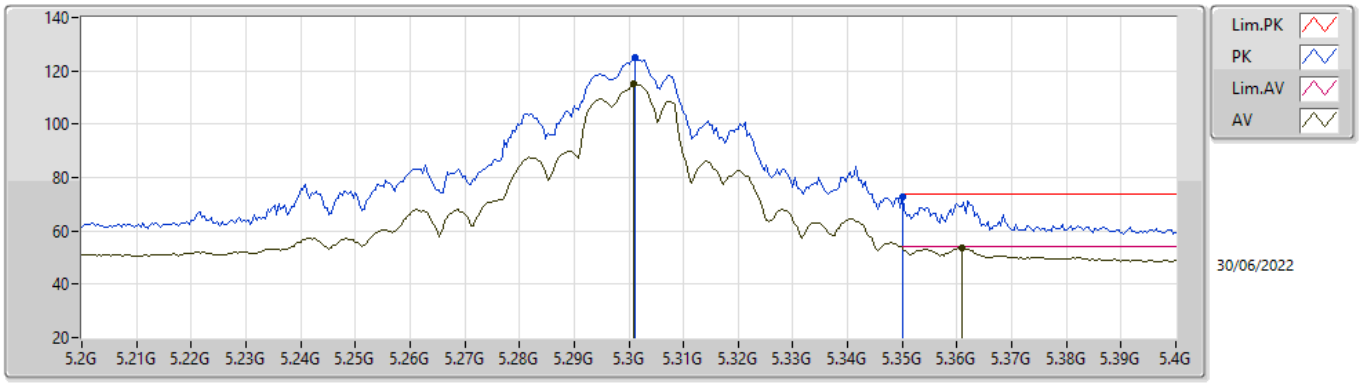


EUT Y_4TX
Setting 108
04-D-S-8

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	10.52346G	54.33	68.20	-13.87	41.30	3	Horizontal	250	1.35	-	39.20	7.97	34.14
PK	15.77668G	57.18	74.00	-16.82	44.68	3	Horizontal	224	1.64	-	38.61	9.04	35.15
AV	15.77612G	44.07	54.00	-9.93	31.58	3	Horizontal	224	1.64	-	38.60	9.04	35.15

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

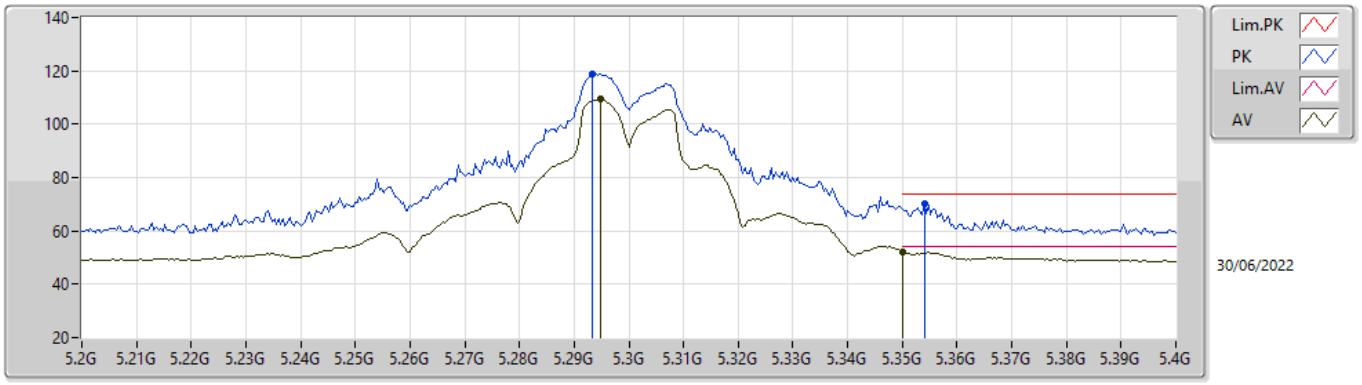


EUT Y_4TX
Setting 106
04-D-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3012G	124.77	Inf	-Inf	119.74	3	Vertical	115	1.86	-	33.10	5.10	33.17
AV	5.3008G	114.98	Inf	-Inf	109.95	3	Vertical	115	1.86	-	33.10	5.10	33.17
PK	5.35G	72.91	74.00	-1.09	67.88	3	Vertical	115	1.86	-	33.10	5.10	33.17
AV	5.3608G	53.44	54.00	-0.56	48.35	3	Vertical	115	1.86	-	33.16	5.10	33.17

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

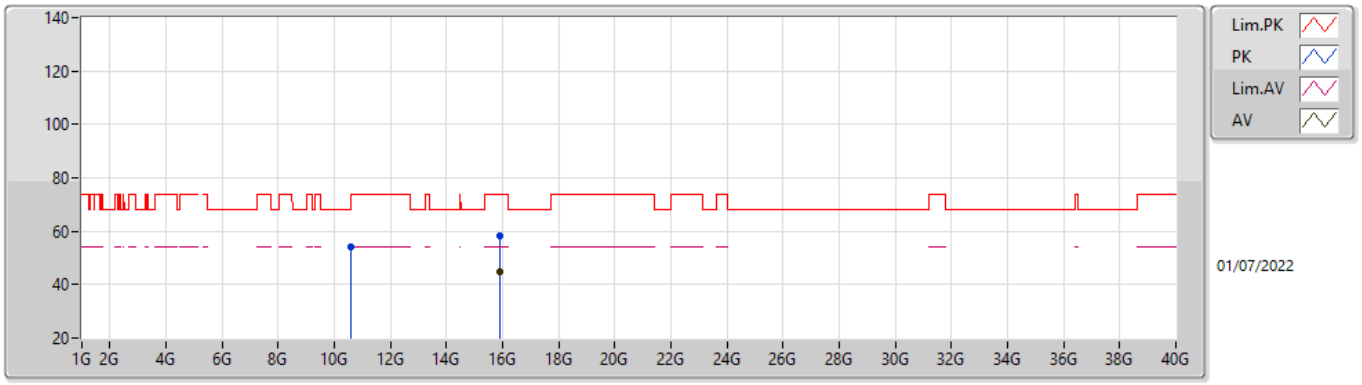


EUT Y_4TX
Setting 106
04-D-S-8-13

Type	Freq	Level	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	119.01	Inf	-Inf	113.99	3	Horizontal	96	2.61	-	33.09	5.10	33.17
AV	5.2948G	109.31	Inf	-Inf	104.29	3	Horizontal	96	2.61	-	33.09	5.10	33.17
PK	5.354G	70.21	74.00	-3.79	65.16	3	Horizontal	96	2.61	-	33.12	5.10	33.17
AV	5.35G	52.11	54.00	-1.89	47.08	3	Horizontal	96	2.61	-	33.10	5.10	33.17

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

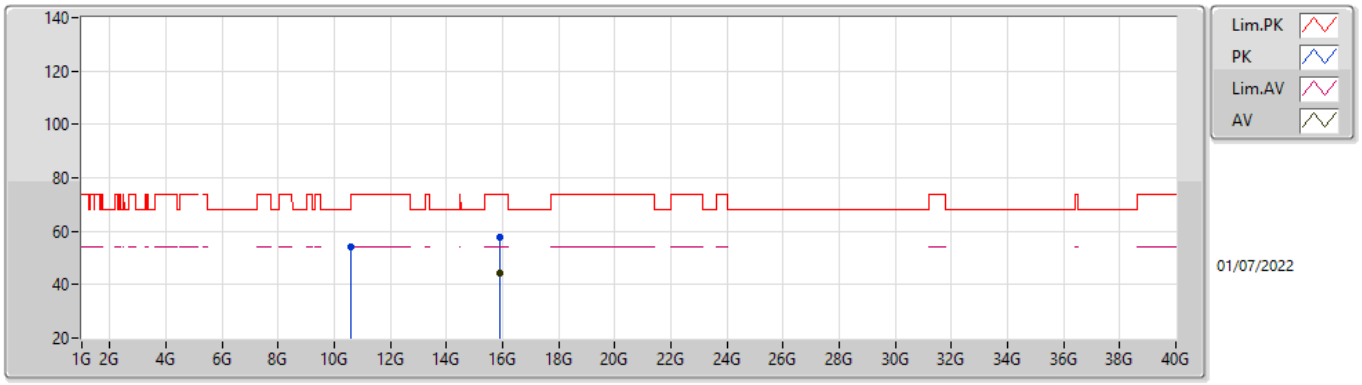


EUT Y_4TX
Setting 106
04-D-S-8

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	10.59922G	54.37	68.20	-13.83	41.35	3	Vertical	69	1.60	-	39.20	8.02	34.20
PK	15.90054G	58.16	74.00	-15.84	45.33	3	Vertical	66	1.81	-	38.90	9.08	35.15
AV	15.90468G	44.57	54.00	-9.43	31.75	3	Vertical	66	1.81	-	38.89	9.08	35.15

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

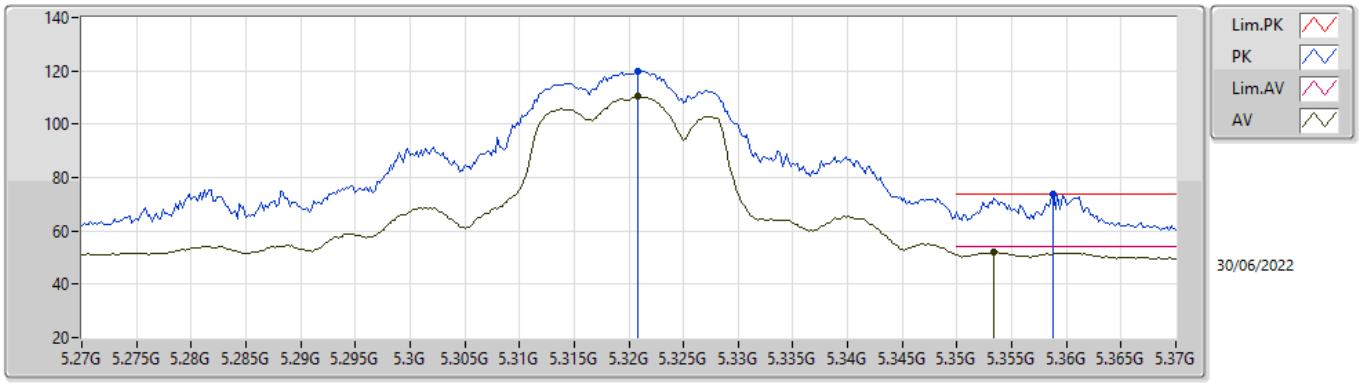


EUT Y_4TX
Setting 106
04-D-S-8

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	10.59662G	54.16	68.20	-14.04	41.14	3	Horizontal	73	2.16	-	39.20	8.02	34.20
PK	15.9022G	57.86	74.00	-16.14	45.03	3	Horizontal	144	1.83	-	38.90	9.08	35.15
AV	15.90368G	44.56	54.00	-9.44	31.74	3	Horizontal	144	1.83	-	38.89	9.08	35.15

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

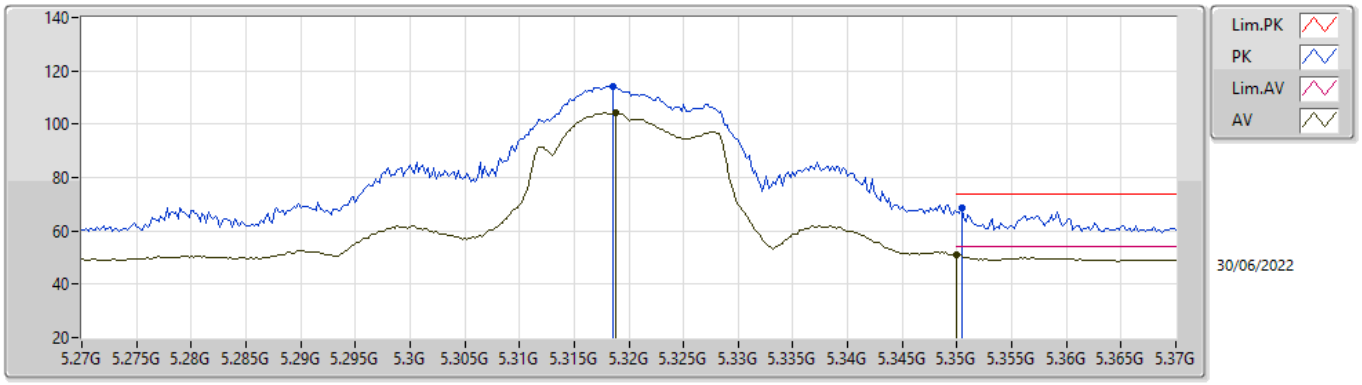


EUT Y_4TX
Setting 90
04-D-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3208G	119.75	Inf	-Inf	114.72	3	Vertical	116	2.14	-	33.10	5.10	33.17
AV	5.3208G	110.52	Inf	-Inf	105.49	3	Vertical	116	2.14	-	33.10	5.10	33.17
PK	5.3588G	73.86	74.00	-0.14	68.78	3	Vertical	116	2.14	-	33.15	5.10	33.17
AV	5.3534G	52.01	54.00	-1.99	46.96	3	Vertical	116	2.14	-	33.12	5.10	33.17

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

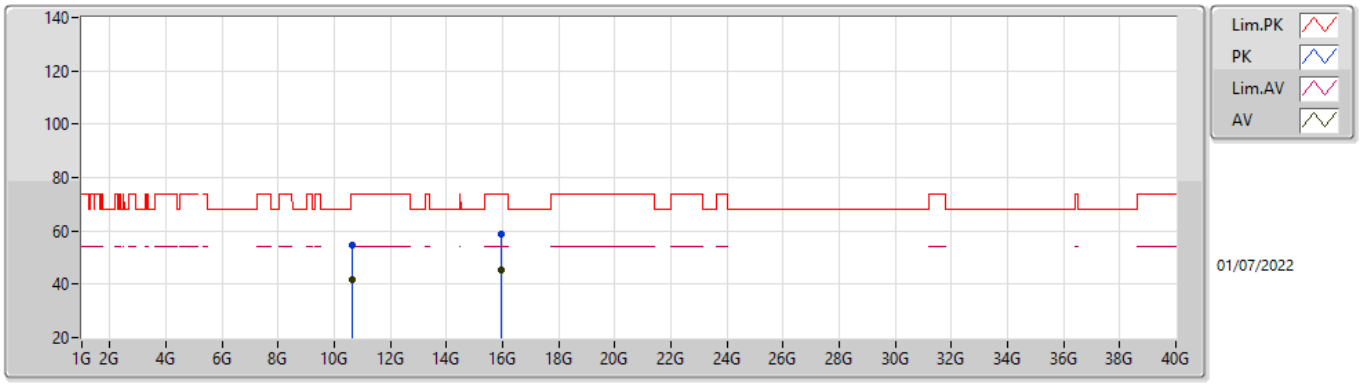


EUT Y_4TX
Setting 90
04-D-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3186G	114.33	Inf	-Inf	109.30	3	Horizontal	166	1.80	-	33.10	5.10	33.17
AV	5.3188G	104.18	Inf	-Inf	99.15	3	Horizontal	166	1.80	-	33.10	5.10	33.17
PK	5.3504G	68.67	74.00	-5.33	63.64	3	Horizontal	166	1.80	-	33.10	5.10	33.17
AV	5.35G	50.92	54.00	-3.08	45.89	3	Horizontal	166	1.80	-	33.10	5.10	33.17

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

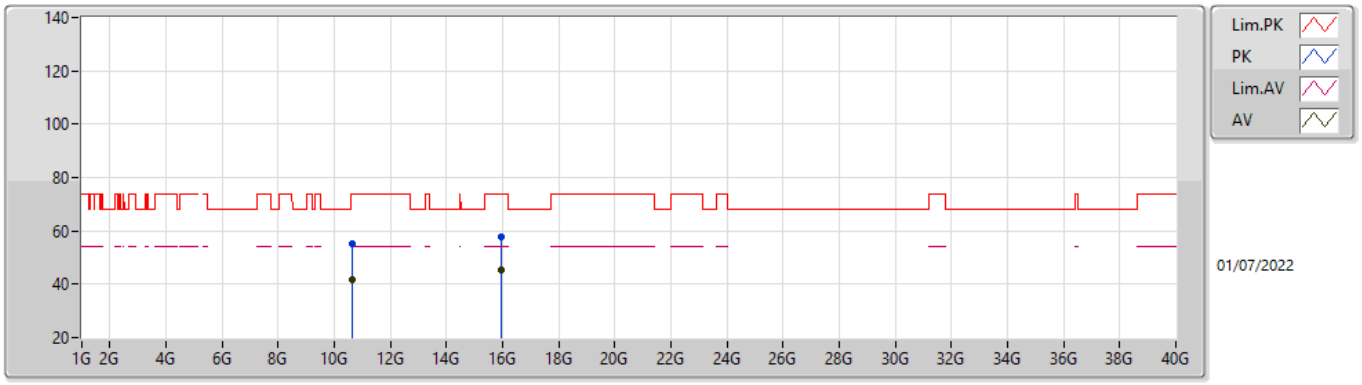


EUT Y_4TX
Setting 90
04-D-S-8

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	10.63782G	54.59	74.00	-19.41	41.46	3	Vertical	124	1.62	-	39.31	8.05	34.23
AV	10.6381G	41.62	54.00	-12.38	28.49	3	Vertical	124	1.62	-	39.31	8.05	34.23
PK	15.9637G	58.61	74.00	-15.39	45.91	3	Vertical	90	1.07	-	38.77	9.09	35.16
AV	15.95836G	45.38	54.00	-8.62	32.67	3	Vertical	90	1.07	-	38.78	9.09	35.16

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

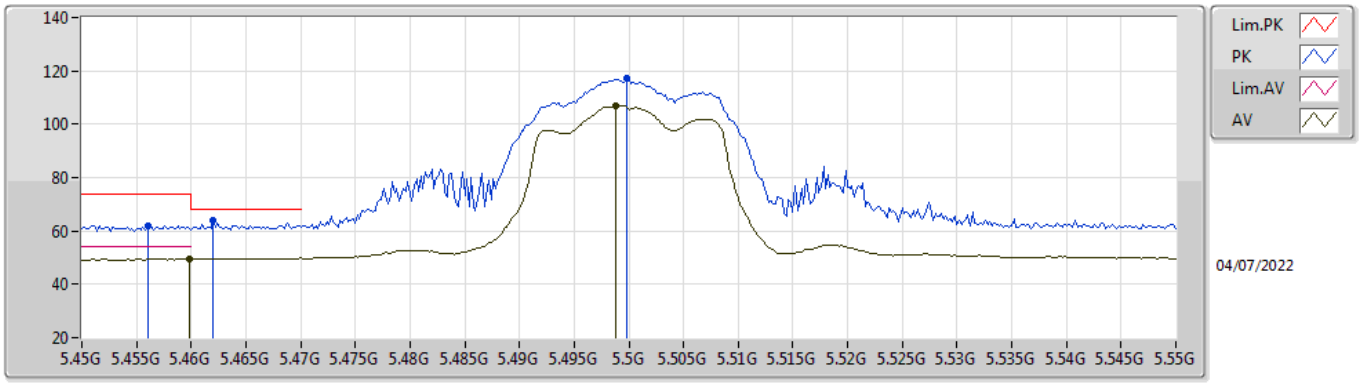


EUT Y_4TX
Setting 90
04-D-S-8

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	10.64142G	54.93	74.00	-19.07	41.79	3	Horizontal	295	2.74	-	39.32	8.05	34.23
AV	10.63682G	41.71	54.00	-12.29	28.58	3	Horizontal	295	2.74	-	39.31	8.05	34.23
PK	15.95742G	57.95	74.00	-16.05	45.23	3	Horizontal	5	2.91	-	38.79	9.09	35.16
AV	15.96468G	45.41	54.00	-8.59	32.71	3	Horizontal	5	2.91	-	38.77	9.09	35.16

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

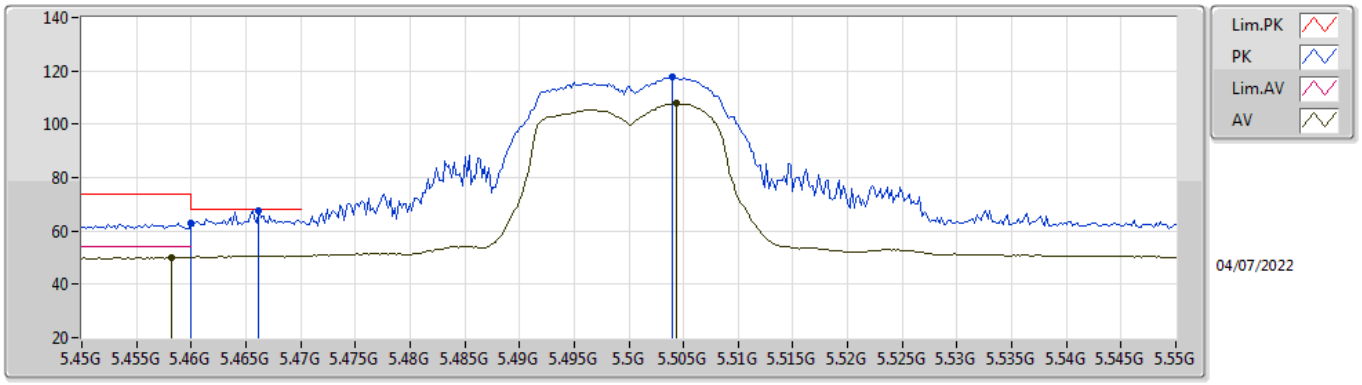


EUT Z_4TX
Setting 77
02-B-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.456G	61.99	74.00	-12.01	53.25	3	Vertical	231	2.83	-	34.00	5.46	30.72
PK	5.462G	63.80	68.20	-4.40	55.06	3	Vertical	231	2.83	-	34.00	5.46	30.72
AV	5.4598G	49.53	54.00	-4.47	40.79	3	Vertical	231	2.83	-	34.00	5.46	30.72
PK	5.4998G	117.24	Inf	-Inf	108.46	3	Vertical	231	2.83	-	34.00	5.50	30.72
AV	5.4988G	107.13	Inf	-Inf	98.35	3	Vertical	231	2.83	-	34.00	5.50	30.72

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

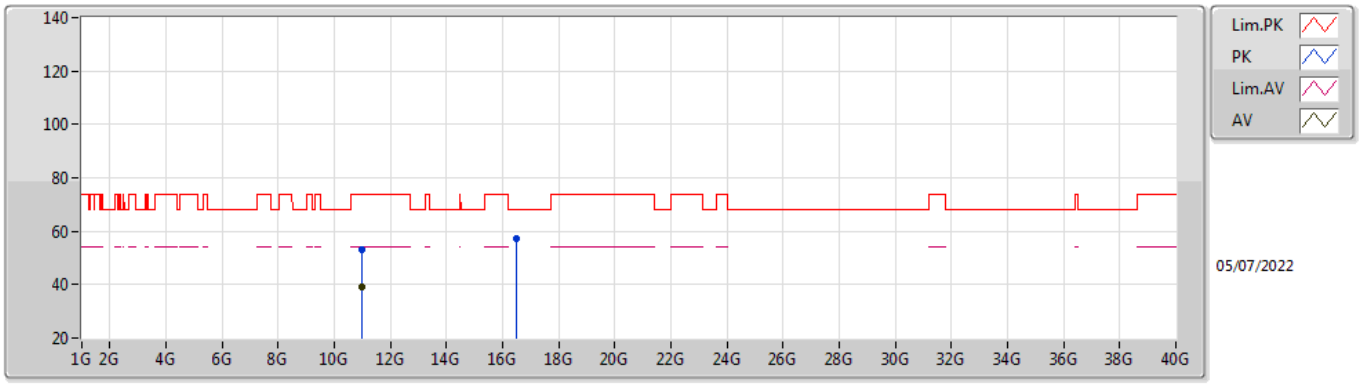


EUT Z_4TX
Setting 77
02-B-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.46G	62.98	74.00	-11.02	54.24	3	Horizontal	200	1.94	-	34.00	5.46	30.72
AV	5.4582G	50.08	54.00	-3.92	41.34	3	Horizontal	200	1.94	-	34.00	5.46	30.72
PK	5.4662G	67.76	68.20	-0.44	59.01	3	Horizontal	200	1.94	-	34.00	5.47	30.72
PK	5.504G	117.63	Inf	-Inf	108.85	3	Horizontal	200	1.94	-	34.00	5.50	30.72
AV	5.5044G	107.80	Inf	-Inf	99.02	3	Horizontal	200	1.94	-	34.00	5.50	30.72

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

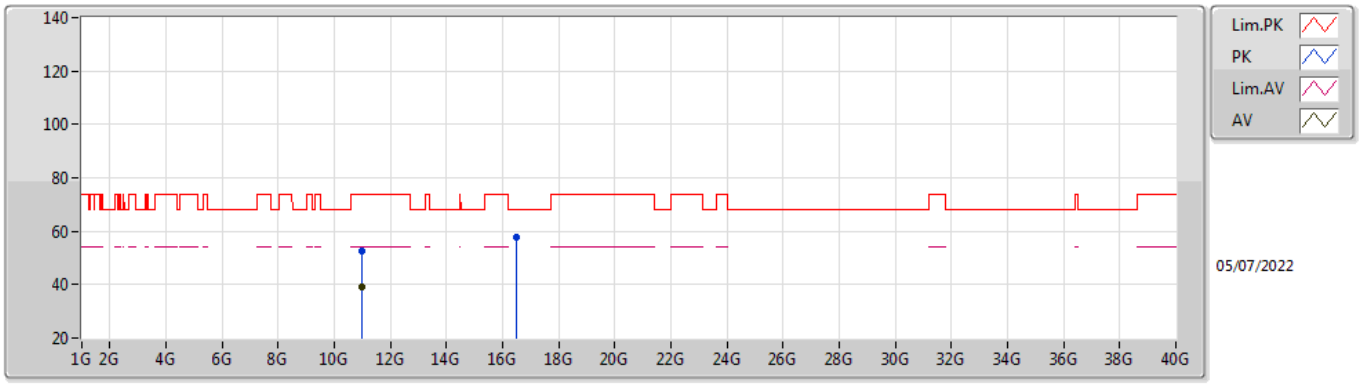


EUT Z_4TX
Setting 77
02-B-S-8

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	11.00093G	53.04	74.00	-20.96	38.66	3	Vertical	101	2.29	-	38.60	7.70	31.92
AV	10.99936G	39.04	54.00	-14.96	24.66	3	Vertical	101	2.29	-	38.60	7.70	31.92
PK	16.49918G	57.19	68.20	-11.01	38.83	3	Vertical	283	1.71	-	39.09	10.25	30.98

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

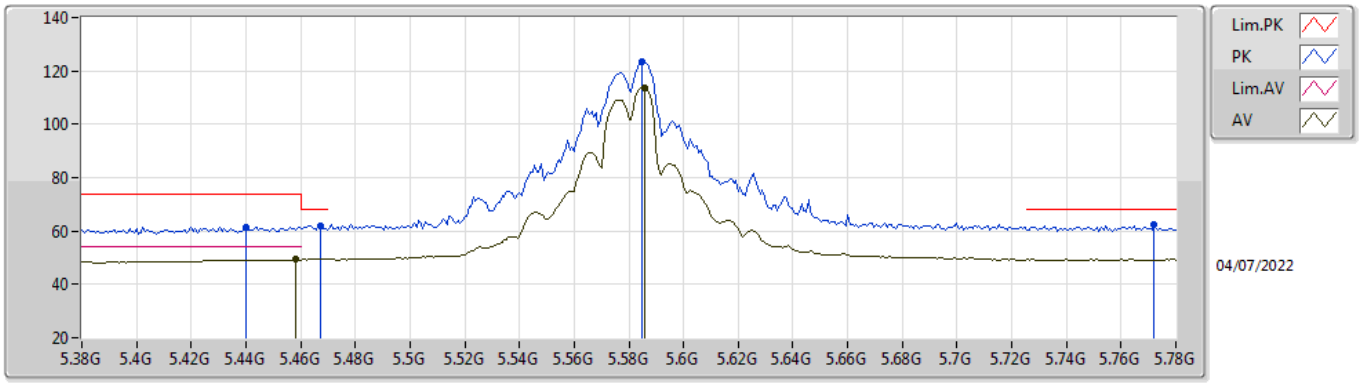


EUT Z_4TX
Setting 77
02-B-S-8

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	11.00216G	52.59	74.00	-21.41	38.21	3	Horizontal	41	2.50	-	38.60	7.70	31.92
AV	10.9977G	39.22	54.00	-14.78	24.84	3	Horizontal	41	2.50	-	38.60	7.70	31.92
PK	16.49987G	57.80	68.20	-10.40	39.43	3	Horizontal	60	2.75	-	39.10	10.25	30.98

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

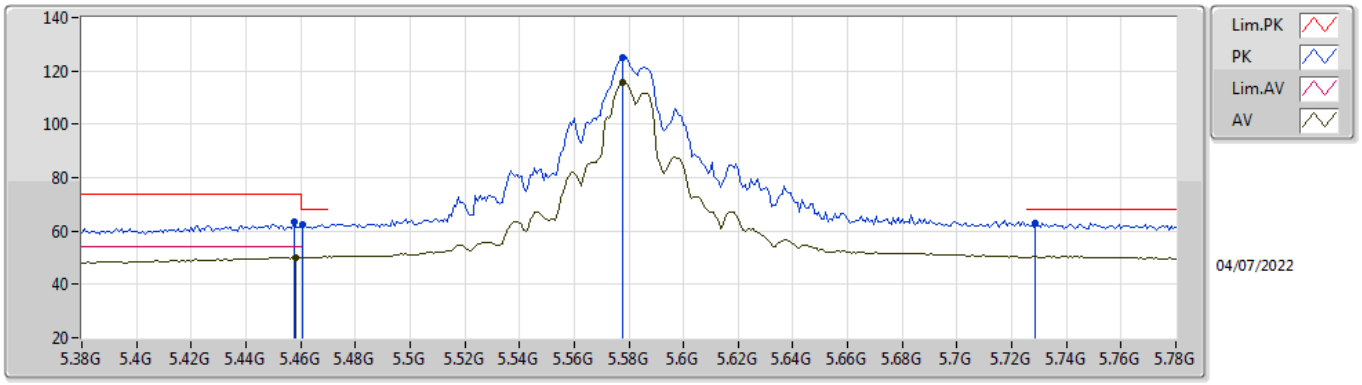


EUT Z_4TX
Setting 108
02-B-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.44G	61.51	74.00	-12.49	52.79	3	Vertical	320	1.80	-	34.00	5.44	30.72
PK	5.4672G	62.15	68.20	-6.05	53.40	3	Vertical	320	1.80	-	34.00	5.47	30.72
AV	5.4584G	49.28	54.00	-4.72	40.54	3	Vertical	320	1.80	-	34.00	5.46	30.72
PK	5.5848G	123.70	Inf	-Inf	114.97	3	Vertical	320	1.80	-	33.93	5.58	30.78
AV	5.5856G	113.79	Inf	-Inf	105.06	3	Vertical	320	1.80	-	33.93	5.59	30.79
PK	5.772G	62.44	68.20	-5.76	53.97	3	Vertical	320	1.80	-	33.80	5.60	30.93

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

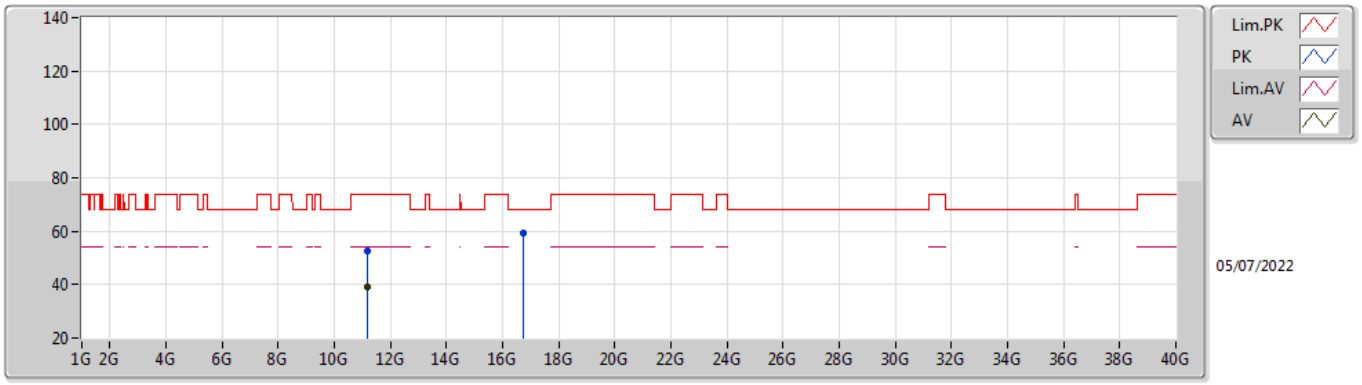


EUT Z_4TX
Setting 108
02-B-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4576G	63.24	74.00	-10.76	54.50	3	Horizontal	195	1.55	-	34.00	5.46	30.72
AV	5.4584G	50.15	54.00	-3.85	41.41	3	Horizontal	195	1.55	-	34.00	5.46	30.72
PK	5.4608G	62.32	68.20	-5.88	53.58	3	Horizontal	195	1.55	-	34.00	5.46	30.72
PK	5.5776G	125.22	Inf	-Inf	116.48	3	Horizontal	195	1.55	-	33.94	5.58	30.78
AV	5.5776G	115.61	Inf	-Inf	106.87	3	Horizontal	195	1.55	-	33.94	5.58	30.78
PK	5.7288G	62.75	68.20	-5.45	54.20	3	Horizontal	195	1.55	-	33.84	5.60	30.89

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

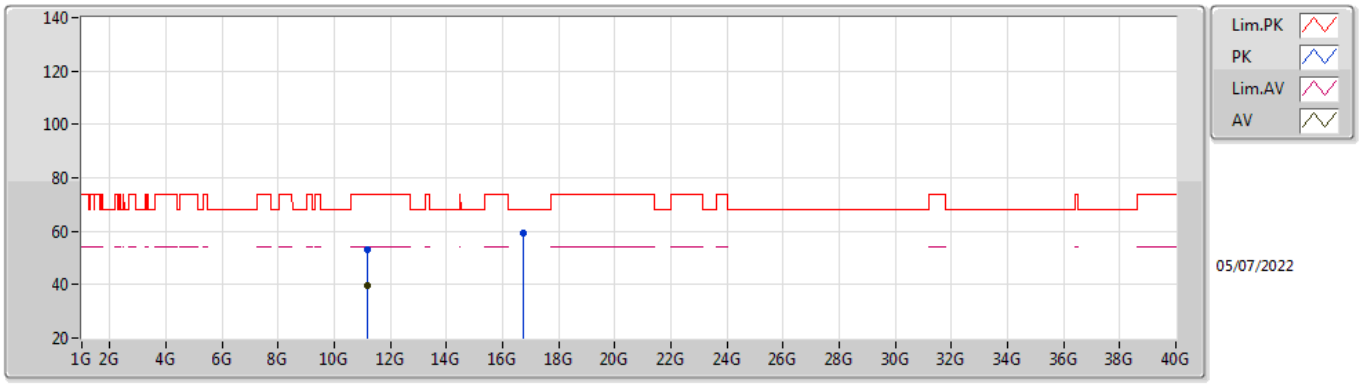


EUT Z_4TX
Setting 108
02-B-S-8

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	11.15805G	52.71	74.00	-21.29	38.17	3	Vertical	177	2.38	-	38.76	7.76	31.98
AV	11.1625G	39.27	54.00	-14.73	24.73	3	Vertical	177	2.38	-	38.76	7.76	31.98
PK	16.74014G	59.40	68.20	-8.80	39.74	3	Vertical	229	1.82	-	39.92	10.37	30.63

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

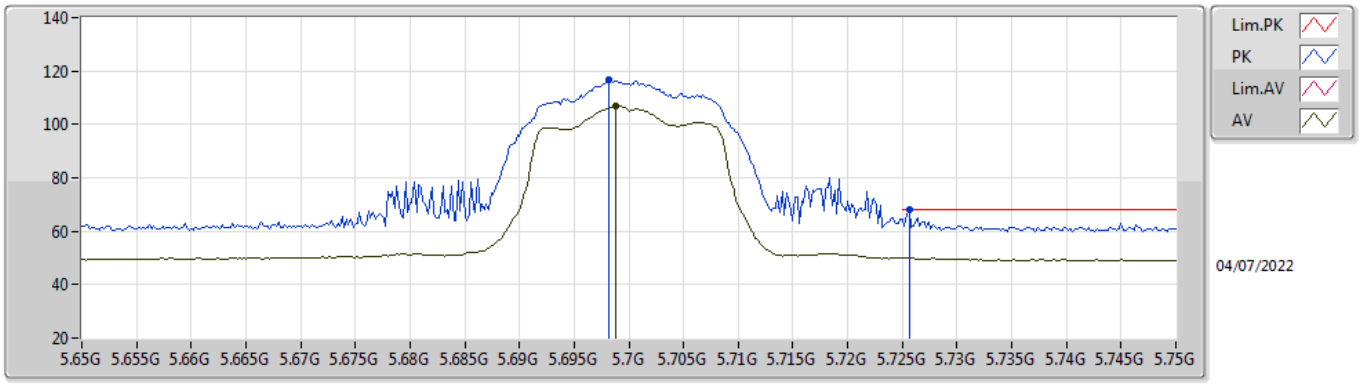


EUT Z_4TX
Setting 108
02-B-S-8

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	11.16232G	53.07	74.00	-20.93	38.53	3	Horizontal	325	1.25	-	38.76	7.76	31.98
AV	11.16029G	39.47	54.00	-14.53	24.93	3	Horizontal	325	1.25	-	38.76	7.76	31.98
PK	16.74061G	59.23	68.20	-8.97	39.57	3	Horizontal	352	2.97	-	39.92	10.37	30.63

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

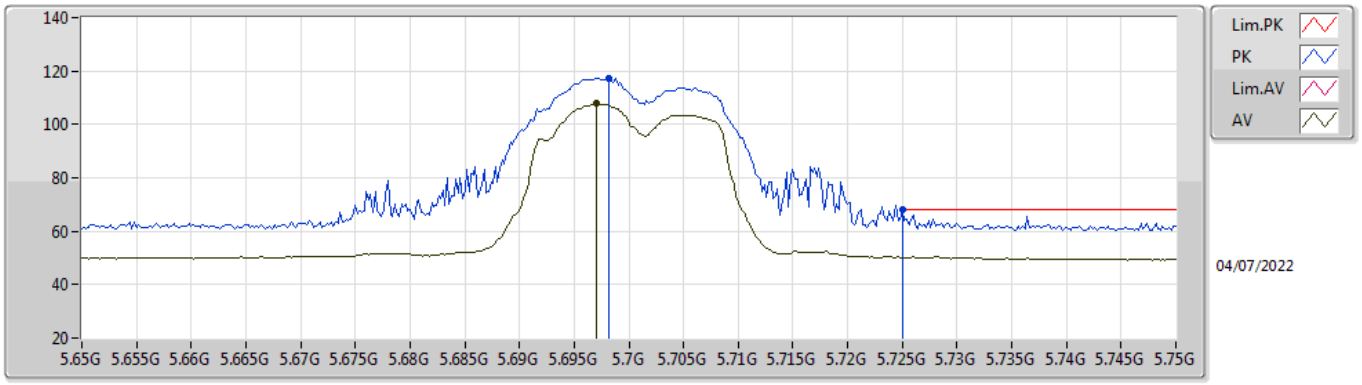


EUT Z_4TX
Setting 72
02-B-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6982G	116.49	Inf	-Inf	107.86	3	Vertical	231	2.76	-	33.90	5.60	30.87
AV	5.6988G	106.70	Inf	-Inf	98.07	3	Vertical	231	2.76	-	33.90	5.60	30.87
PK	5.7256G	67.91	68.20	-0.29	59.35	3	Vertical	231	2.76	-	33.85	5.60	30.89

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

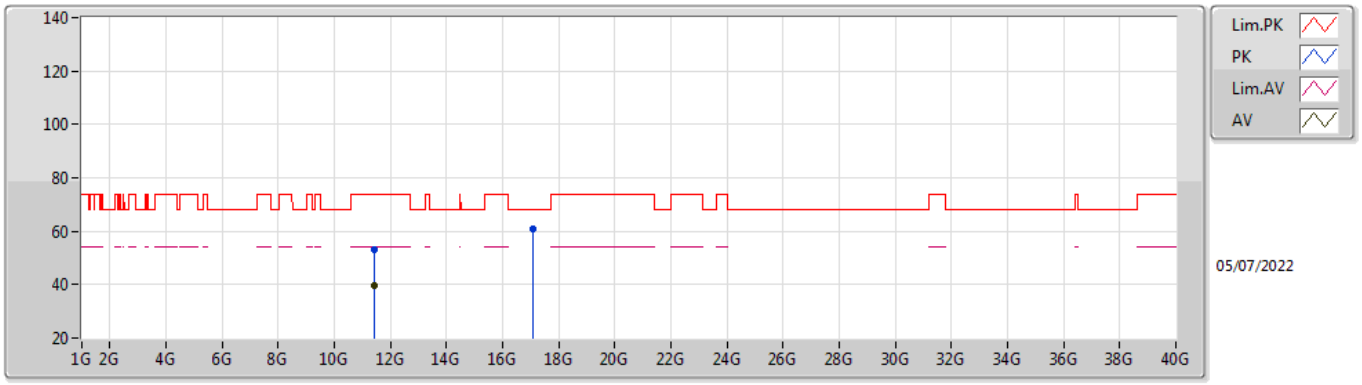


EUT Z_4TX
Setting 72
02-B-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6982G	117.24	Inf	-Inf	108.61	3	Horizontal	191	1.60	-	33.90	5.60	30.87
AV	5.697G	107.74	Inf	-Inf	99.12	3	Horizontal	191	1.60	-	33.89	5.60	30.87
PK	5.725G	68.05	68.20	-0.15	59.49	3	Horizontal	191	1.60	-	33.85	5.60	30.89

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

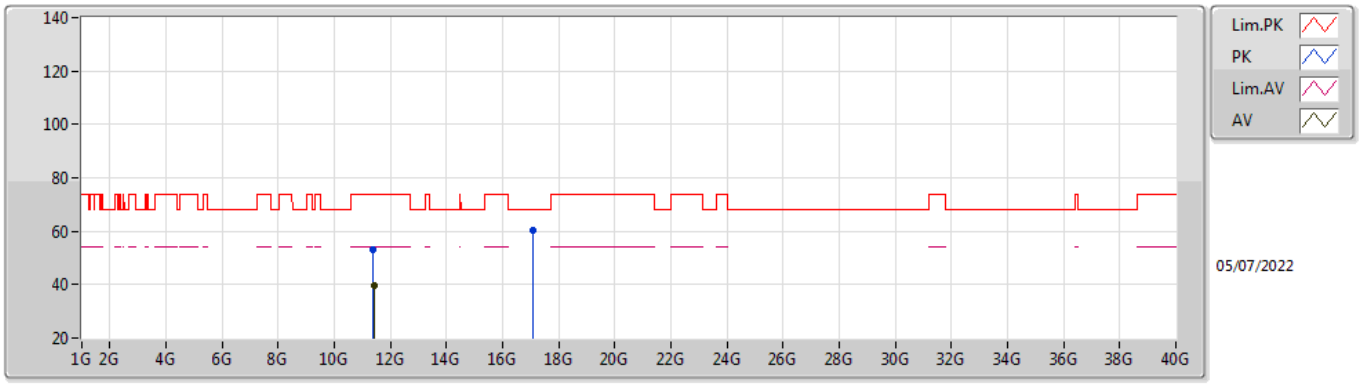


EUT Z_4TX
Setting 72
02-B-S-8

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	11.40248G	53.19	74.00	-20.81	38.61	3	Vertical	324	2.42	-	38.80	7.86	32.08
AV	11.40188G	39.48	54.00	-14.52	24.90	3	Vertical	324	2.42	-	38.80	7.86	32.08
PK	17.10018G	60.80	68.20	-7.40	39.10	3	Vertical	144	1.98	-	41.40	10.55	30.25

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

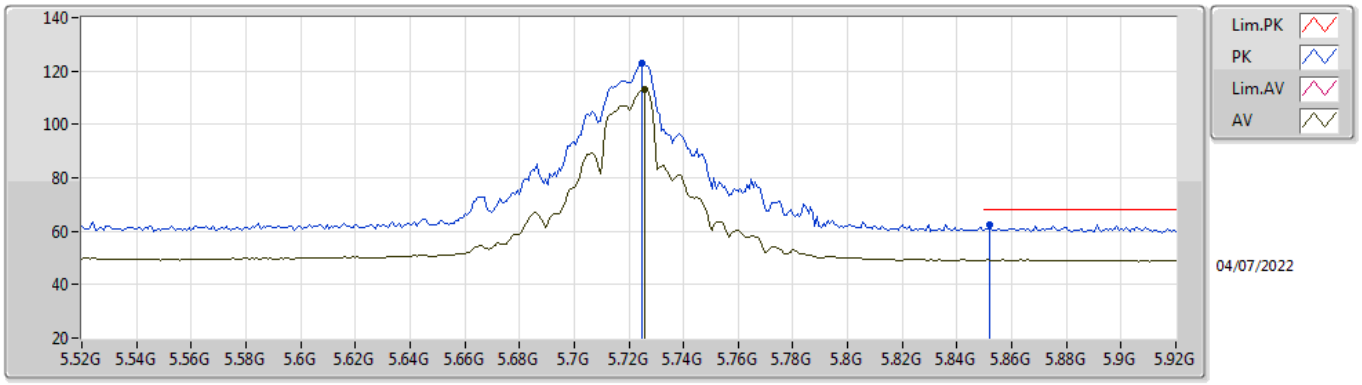


EUT Z_4TX
Setting 72
02-B-S-8

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	11.39975G	53.05	74.00	-20.95	38.47	3	Horizontal	318	1.86	-	38.80	7.86	32.08
AV	11.40212G	39.46	54.00	-14.54	24.88	3	Horizontal	318	1.86	-	38.80	7.86	32.08
PK	17.09934G	60.54	68.20	-7.66	38.84	3	Horizontal	209	2.72	-	41.40	10.55	30.25

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

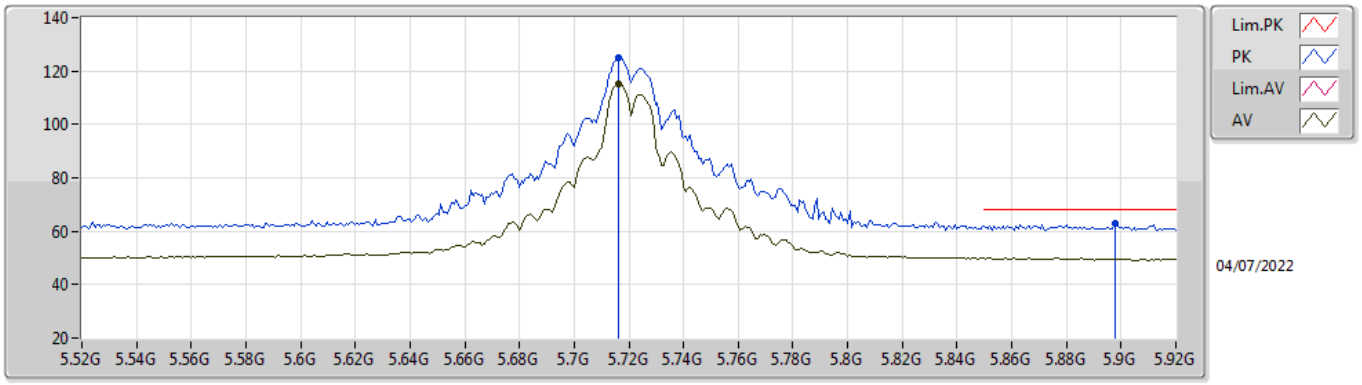


EUT Z_4TX
Setting 108
02-B-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7248G	122.94	Inf	-Inf	114.38	3	Vertical	293	1.82	-	33.85	5.60	30.89
AV	5.7256G	113.04	Inf	-Inf	104.48	3	Vertical	293	1.82	-	33.85	5.60	30.89
PK	5.852G	62.33	68.20	-5.87	53.86	3	Vertical	293	1.82	-	33.81	5.65	30.99

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

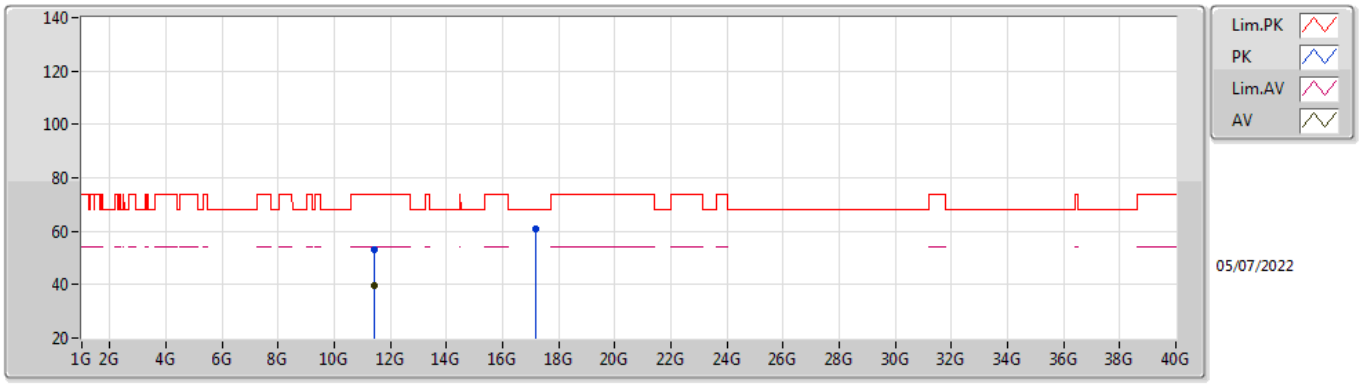


EUT Z_4TX
Setting 108
02-B-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.716G	125.00	Inf	-Inf	116.41	3	Horizontal	189	1.76	-	33.87	5.60	30.88
AV	5.716G	115.29	Inf	-Inf	106.70	3	Horizontal	189	1.76	-	33.87	5.60	30.88
PK	5.8976G	62.84	68.20	-5.36	54.07	3	Horizontal	189	1.76	-	34.09	5.70	31.02

802.11a_Nss1,(6Mbps)_4TX

5720MHz_TnomVnom

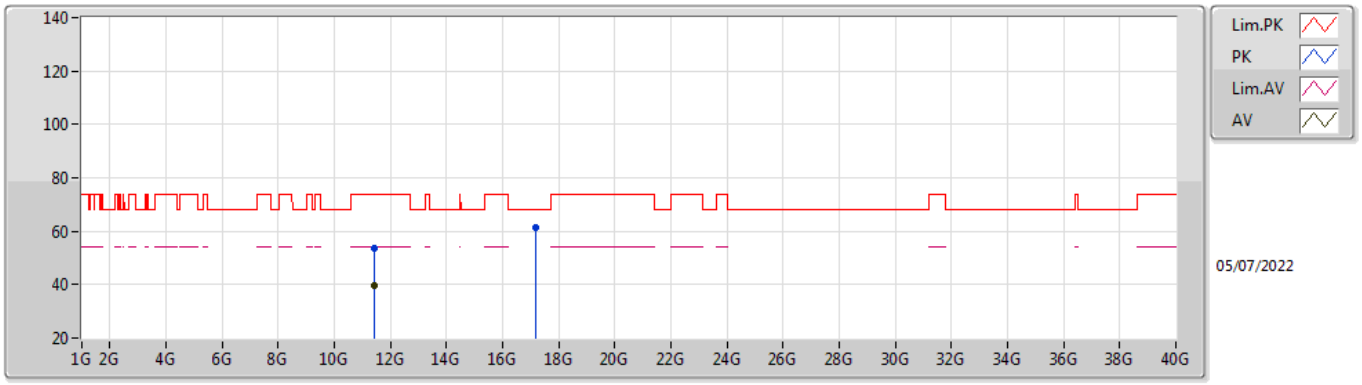


EUT Z_4TX
Setting 108
02-B-S-8

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	11.43868G	53.24	74.00	-20.76	38.58	3	Vertical	107	1.52	-	38.88	7.88	32.10
AV	11.43962G	39.68	54.00	-14.32	25.02	3	Vertical	107	1.52	-	38.88	7.88	32.10
PK	17.15986G	60.87	68.20	-7.33	38.77	3	Vertical	68	2.21	-	41.76	10.58	30.24

802.11a_Nss1,(6Mbps)_4TX

5720MHz_TnomVnom

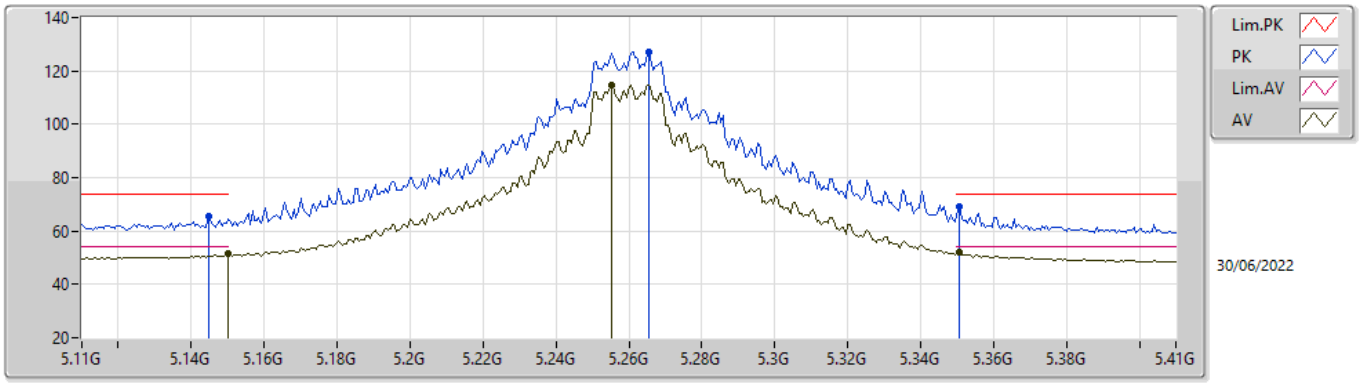


EUT Z_4TX
Setting 108
02-B-S-8

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	11.44095G	53.56	74.00	-20.44	38.90	3	Horizontal	218	1.35	-	38.88	7.88	32.10
AV	11.44164G	39.87	54.00	-14.13	25.21	3	Horizontal	218	1.35	-	38.88	7.88	32.10
PK	17.15996G	61.52	68.20	-6.68	39.42	3	Horizontal	31	1.53	-	41.76	10.58	30.24

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TnomVnom

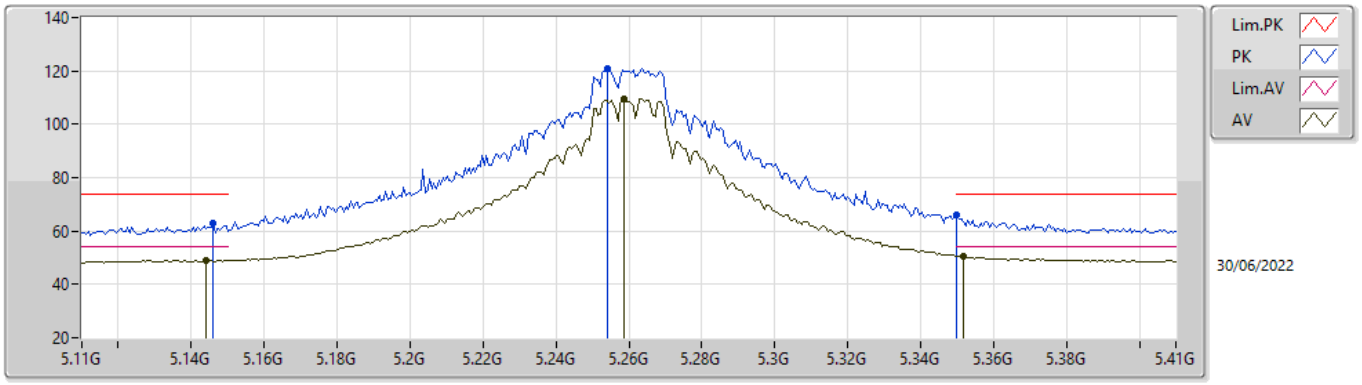


EUT Y_4TX
Setting 108
04-D-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1448G	65.36	74.00	-8.64	60.57	3	Vertical	97	1.61	-	32.92	5.04	33.17
AV	5.15G	51.35	54.00	-2.65	46.57	3	Vertical	97	1.61	-	32.90	5.05	33.17
PK	5.2654G	127.25	Inf	-Inf	122.29	3	Vertical	97	1.61	-	33.03	5.10	33.17
AV	5.2552G	114.91	Inf	-Inf	109.97	3	Vertical	97	1.61	-	33.01	5.10	33.17
PK	5.3506G	68.90	74.00	-5.10	63.87	3	Vertical	97	1.61	-	33.10	5.10	33.17
AV	5.3506G	51.82	54.00	-2.18	46.79	3	Vertical	97	1.61	-	33.10	5.10	33.17

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TnomVnom

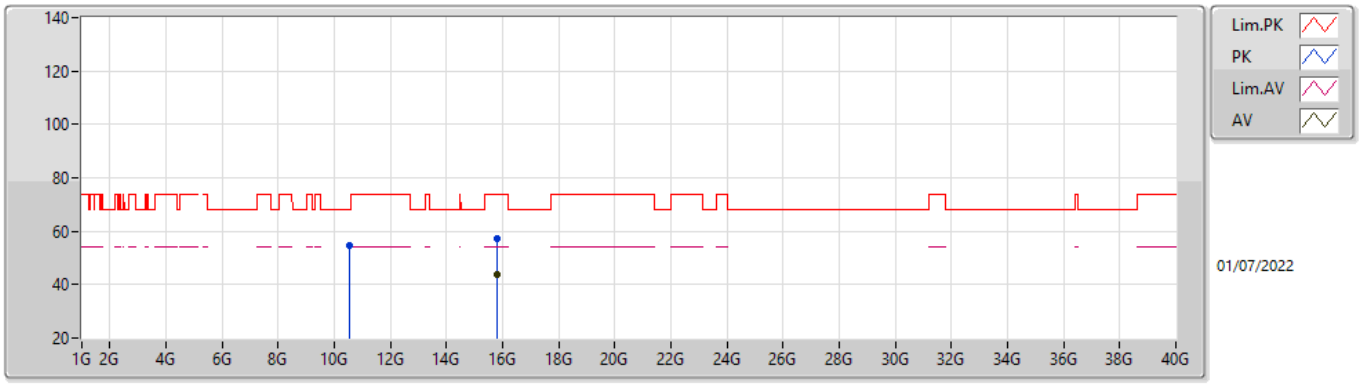


EUT Y_4TX
Setting 108
04-D-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.146G	62.86	74.00	-11.14	58.06	3	Horizontal	60	2.00	-	32.92	5.05	33.17
AV	5.1442G	49.10	54.00	-4.90	44.31	3	Horizontal	60	2.00	-	32.92	5.04	33.17
PK	5.254G	120.75	Inf	-Inf	115.81	3	Horizontal	60	2.00	-	33.01	5.10	33.17
AV	5.2588G	109.54	Inf	-Inf	104.59	3	Horizontal	60	2.00	-	33.02	5.10	33.17
PK	5.35G	65.92	74.00	-8.08	60.89	3	Horizontal	60	2.00	-	33.10	5.10	33.17
AV	5.3518G	50.64	54.00	-3.36	45.60	3	Horizontal	60	2.00	-	33.11	5.10	33.17

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TnomVnom

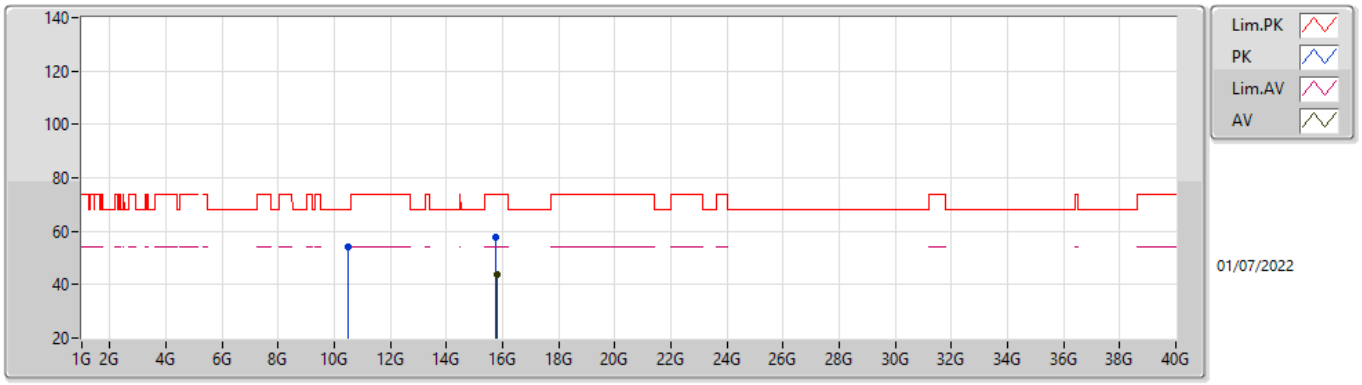


EUT Y_4TX
Setting 108
04-D-S-8

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	10.5186G	54.50	68.20	-13.70	41.47	3	Vertical	49	2.14	-	39.20	7.96	34.13
PK	15.78392G	57.21	74.00	-16.79	44.67	3	Vertical	104	2.49	-	38.64	9.05	35.15
AV	15.78016G	43.88	54.00	-10.12	31.36	3	Vertical	104	2.49	-	38.62	9.05	35.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TnomVnom

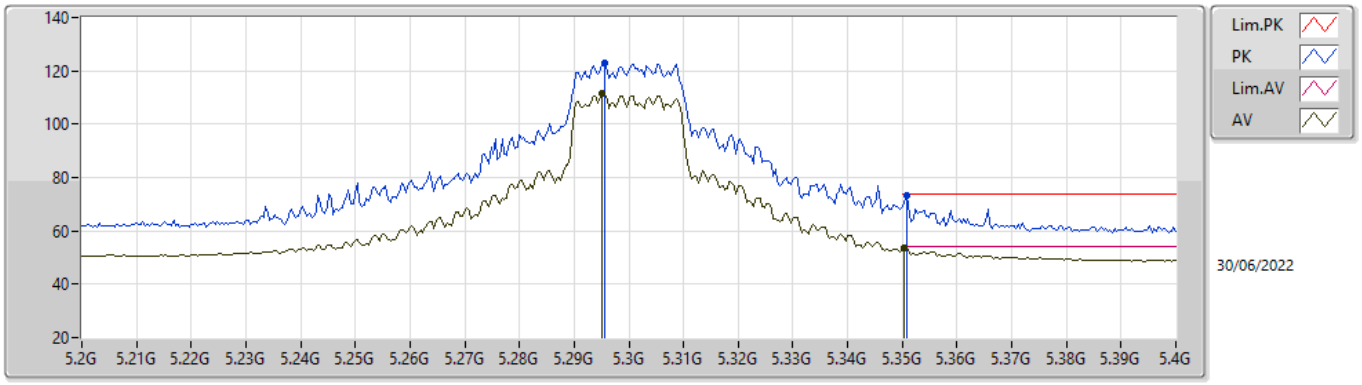


EUT Y_4TX
Setting 108
04-D-S-8

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	10.51518G	54.38	68.20	-13.82	41.35	3	Horizontal	50	2.51	-	39.20	7.96	34.13
PK	15.77614G	57.56	74.00	-16.44	45.07	3	Horizontal	13	1.89	-	38.60	9.04	35.15
AV	15.77888G	43.95	54.00	-10.05	31.44	3	Horizontal	13	1.89	-	38.62	9.04	35.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TnomVnom

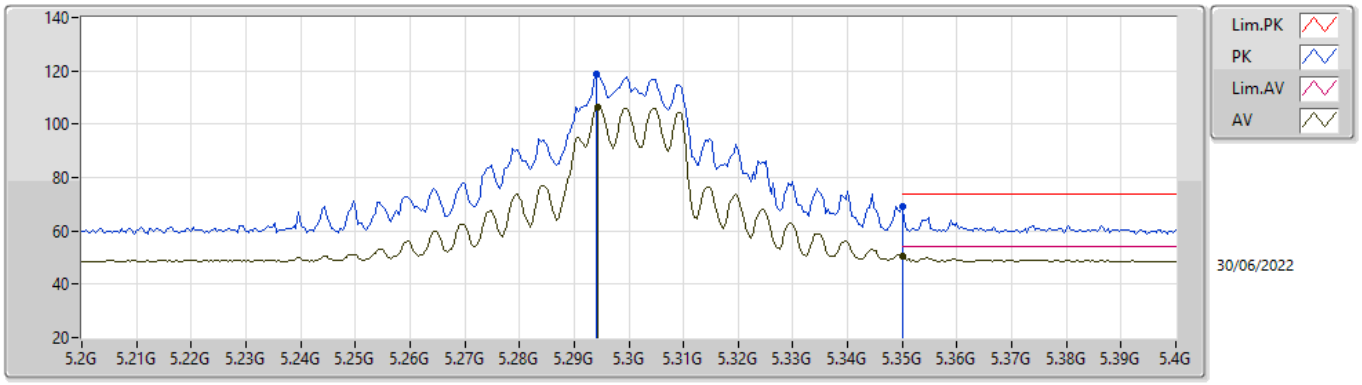


EUT Y_4TX
Setting 96
04-D-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.2956G	122.93	Inf	-Inf	117.91	3	Vertical	298	2.43	-	33.09	5.10	33.17
AV	5.2952G	111.31	Inf	-Inf	106.29	3	Vertical	298	2.43	-	33.09	5.10	33.17
PK	5.3508G	73.17	74.00	-0.83	68.14	3	Vertical	298	2.43	-	33.10	5.10	33.17
AV	5.3504G	53.61	54.00	-0.39	48.58	3	Vertical	298	2.43	-	33.10	5.10	33.17

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TnomVnom

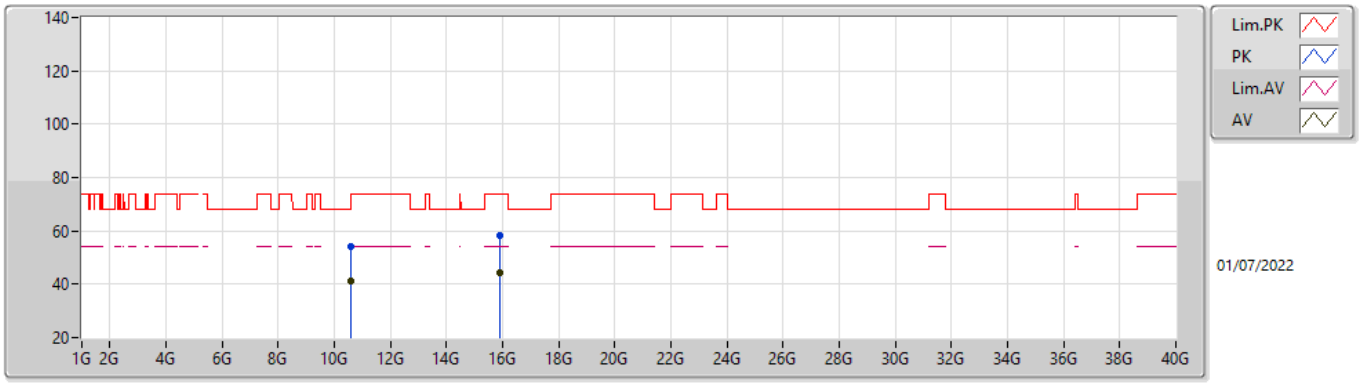


EUT Y_4TX
Setting 96
04-D-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.294G	118.58	Inf	-Inf	113.56	3	Horizontal	162	1.79	-	33.09	5.10	33.17
AV	5.2944G	106.57	Inf	-Inf	101.55	3	Horizontal	162	1.79	-	33.09	5.10	33.17
PK	5.35G	69.29	74.00	-4.71	64.26	3	Horizontal	162	1.79	-	33.10	5.10	33.17
AV	5.35G	50.47	54.00	-3.53	45.44	3	Horizontal	162	1.79	-	33.10	5.10	33.17

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TnomVnom

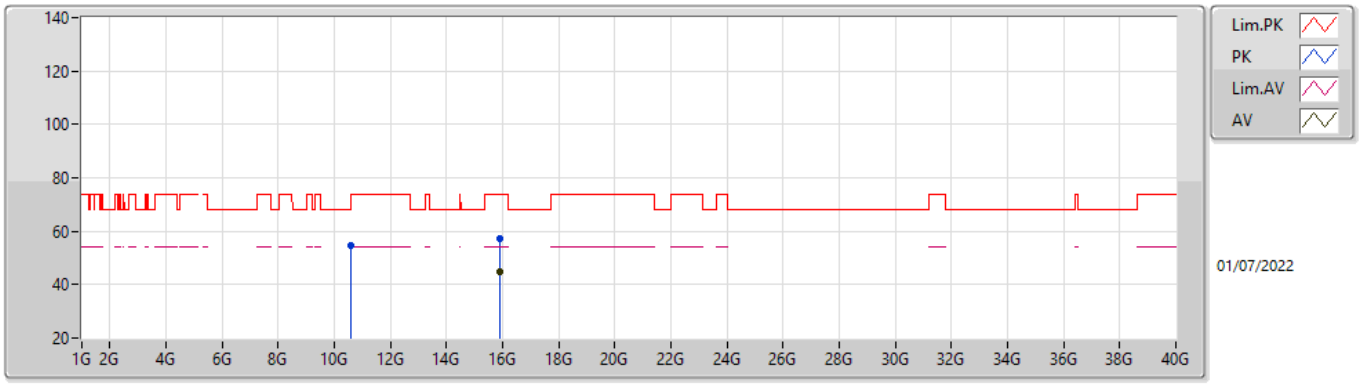


EUT Y_4TX
Setting 96
04-D-S-8

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	10.59552G	54.32	68.20	-13.88	41.29	3	Vertical	262	1.95	-	39.20	8.02	34.19
AV	10.60046G	41.16	54.00	-12.84	28.14	3	Vertical	262	1.95	-	39.20	8.02	34.20
PK	15.90276G	58.26	74.00	-15.74	45.44	3	Vertical	327	2.96	-	38.89	9.08	35.15
AV	15.90238G	44.47	54.00	-9.53	31.64	3	Vertical	327	2.96	-	38.90	9.08	35.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TnomVnom

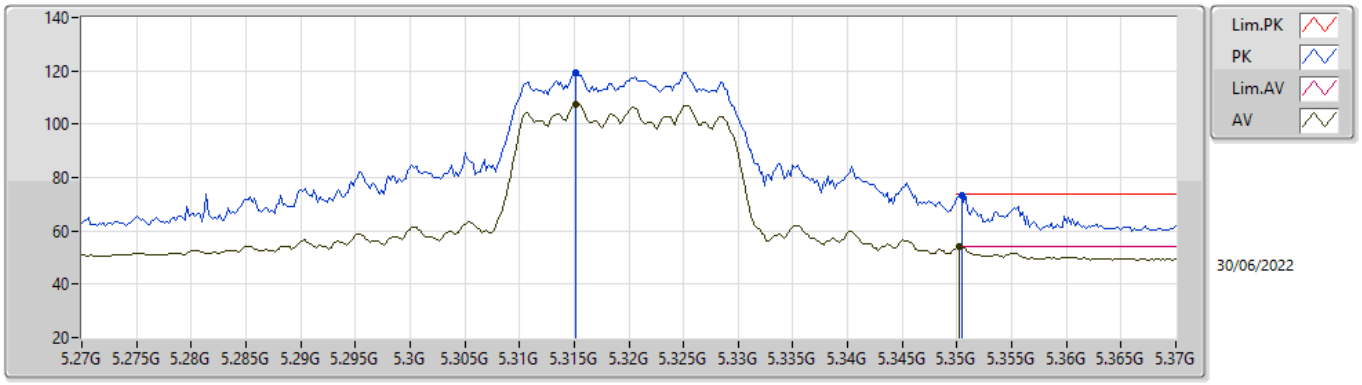


EUT Y_4TX
Setting 96
04-D-S-8

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	10.59682G	54.59	68.20	-13.61	41.57	3	Horizontal	244	1.15	-	39.20	8.02	34.20
PK	15.89906G	57.37	74.00	-16.63	44.55	3	Horizontal	300	2.12	-	38.90	9.07	35.15
AV	15.90484G	44.69	54.00	-9.31	31.87	3	Horizontal	300	2.12	-	38.89	9.08	35.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TnomVnom

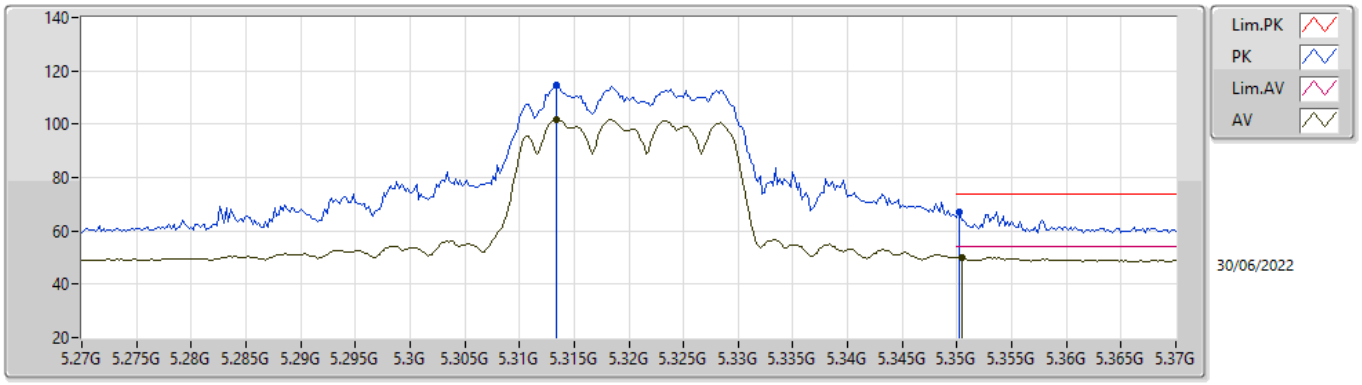


EUT Y_4TX
Setting 79
04-D-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3152G	119.44	Inf	-Inf	114.41	3	Vertical	98	1.52	-	33.10	5.10	33.17
AV	5.3152G	107.54	Inf	-Inf	102.51	3	Vertical	98	1.52	-	33.10	5.10	33.17
PK	5.3504G	73.51	74.00	-0.49	68.48	3	Vertical	98	1.52	-	33.10	5.10	33.17
AV	5.3502G	53.97	54.00	-0.03	48.94	3	Vertical	98	1.52	-	33.10	5.10	33.17

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TnomVnom

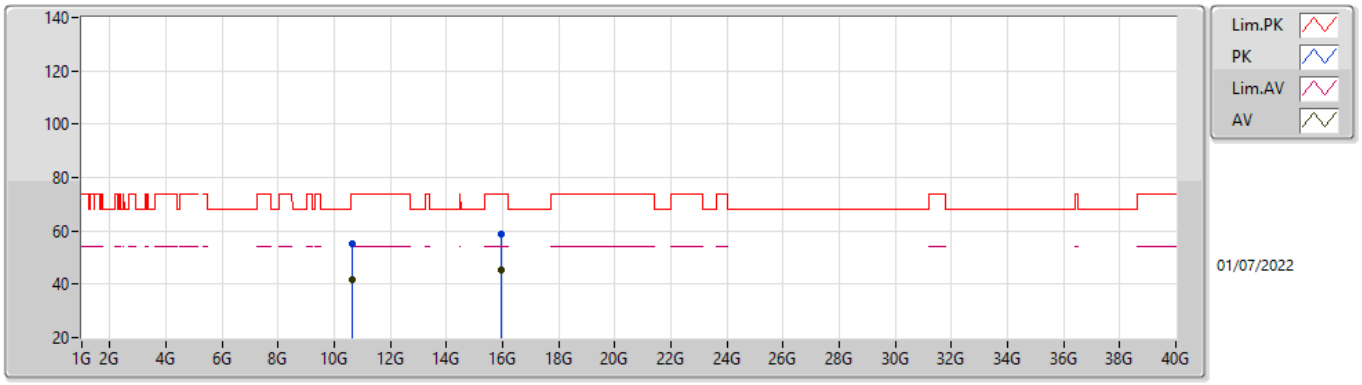


EUT Y_4TX
Setting 79
04-D-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3134G	114.62	Inf	-Inf	109.59	3	Horizontal	64	1.80	-	33.10	5.10	33.17
AV	5.3134G	101.98	Inf	-Inf	96.95	3	Horizontal	64	1.80	-	33.10	5.10	33.17
PK	5.3502G	67.08	74.00	-6.92	62.05	3	Horizontal	64	1.80	-	33.10	5.10	33.17
AV	5.3504G	50.19	54.00	-3.81	45.16	3	Horizontal	64	1.80	-	33.10	5.10	33.17

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TnomVnom

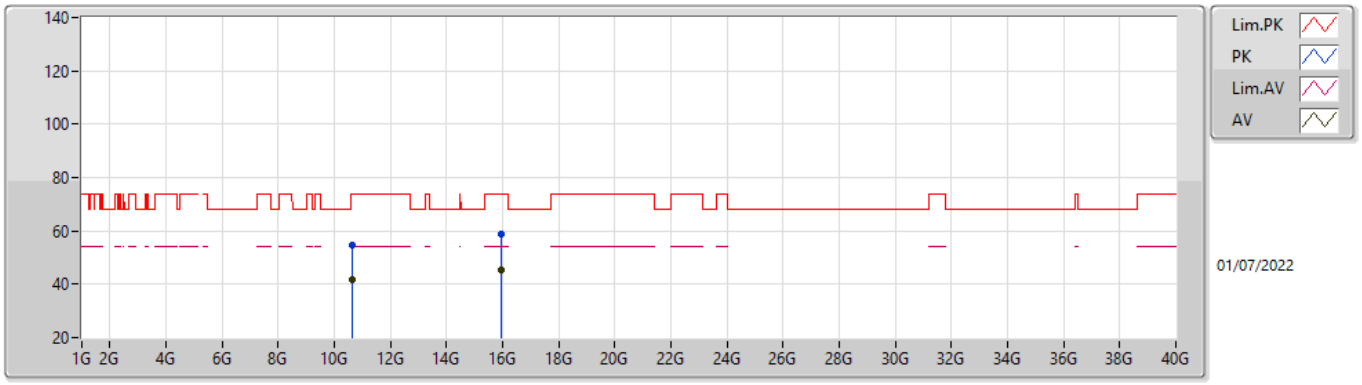


EUT Y_4TX
Setting 79
04-D-S-8

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	10.6409G	55.05	74.00	-18.95	41.91	3	Vertical	334	2.01	-	39.32	8.05	34.23
AV	10.64066G	41.59	54.00	-12.41	28.45	3	Vertical	334	2.01	-	39.32	8.05	34.23
PK	15.96174G	58.99	74.00	-15.01	46.28	3	Vertical	308	2.44	-	38.78	9.09	35.16
AV	15.96466G	45.46	54.00	-8.54	32.76	3	Vertical	308	2.44	-	38.77	9.09	35.16

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TnomVnom

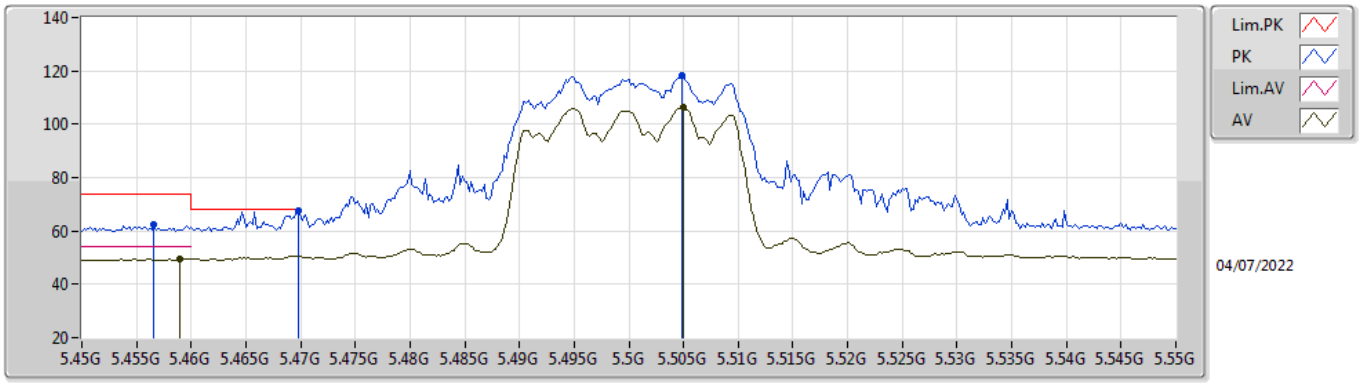


EUT Y_4TX
Setting 79
04-D-S-8

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	10.63694G	54.55	74.00	-19.45	41.42	3	Horizontal	26	2.28	-	39.31	8.05	34.23
AV	10.64354G	41.74	54.00	-12.26	28.59	3	Horizontal	26	2.28	-	39.33	8.05	34.23
PK	15.9616G	58.69	74.00	-15.31	45.98	3	Horizontal	324	2.89	-	38.78	9.09	35.16
AV	15.96194G	45.43	54.00	-8.57	32.72	3	Horizontal	324	2.89	-	38.78	9.09	35.16

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TnomVnom

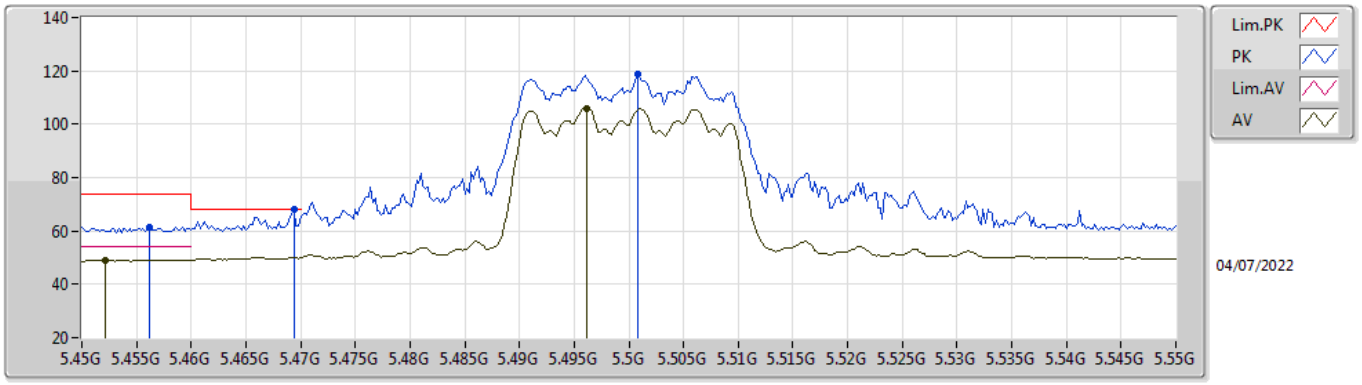


EUT Z_4TX
Setting 76
02-B-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4566G	62.51	74.00	-11.49	53.77	3	Vertical	234	2.82	-	34.00	5.46	30.72
AV	5.459G	49.42	54.00	-4.58	40.68	3	Vertical	234	2.82	-	34.00	5.46	30.72
PK	5.4698G	67.57	68.20	-0.63	58.82	3	Vertical	234	2.82	-	34.00	5.47	30.72
PK	5.5048G	118.13	Inf	-Inf	109.35	3	Vertical	234	2.82	-	34.00	5.50	30.72
AV	5.505G	106.27	Inf	-Inf	97.49	3	Vertical	234	2.82	-	34.00	5.50	30.72

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TnomVnom

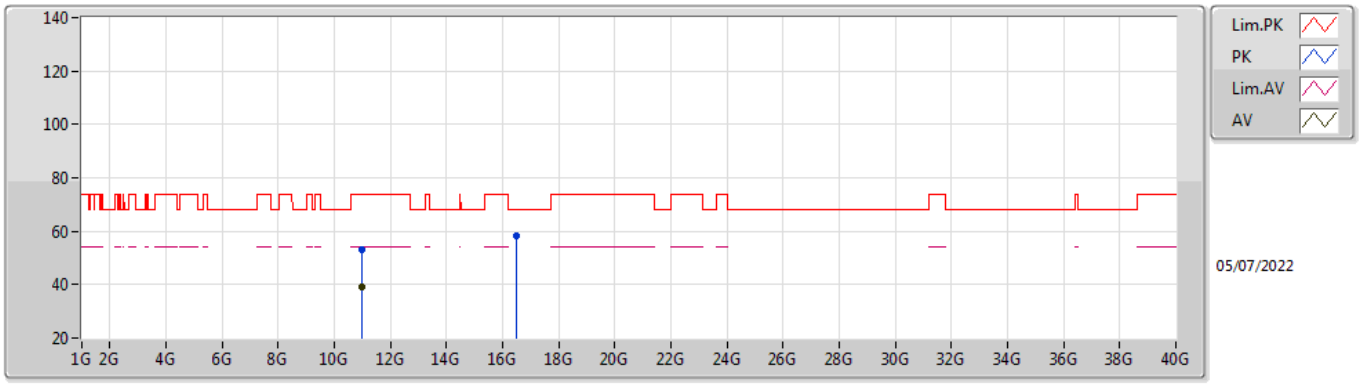


EUT Z_4TX
Setting 76
02-B-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4562G	61.34	74.00	-12.66	52.60	3	Horizontal	231	1.80	-	34.00	5.46	30.72
AV	5.4522G	49.19	54.00	-4.81	40.46	3	Horizontal	231	1.80	-	34.00	5.45	30.72
PK	5.4694G	67.99	68.20	-0.21	59.24	3	Horizontal	231	1.80	-	34.00	5.47	30.72
PK	5.5008G	118.56	Inf	-Inf	109.78	3	Horizontal	231	1.80	-	34.00	5.50	30.72
AV	5.4962G	105.91	Inf	-Inf	97.13	3	Horizontal	231	1.80	-	34.00	5.50	30.72

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TnomVnom

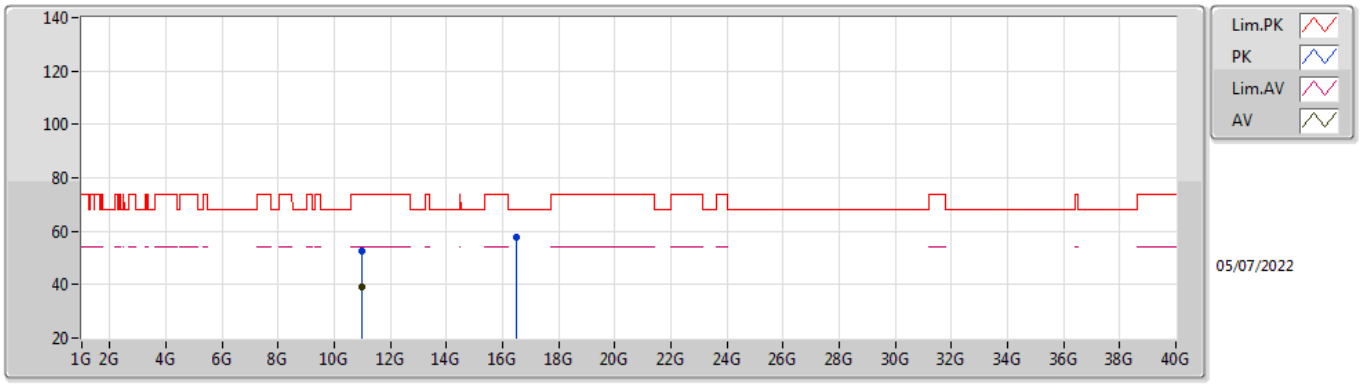


EUT Z_4TX
Setting 76
02-B-S-8

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	11.00202G	53.22	74.00	-20.78	38.84	3	Vertical	79	2.81	-	38.60	7.70	31.92
AV	11.00107G	39.19	54.00	-14.81	24.81	3	Vertical	79	2.81	-	38.60	7.70	31.92
PK	16.50134G	58.15	68.20	-10.05	39.78	3	Vertical	358	2.69	-	39.10	10.25	30.98

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TnomVnom

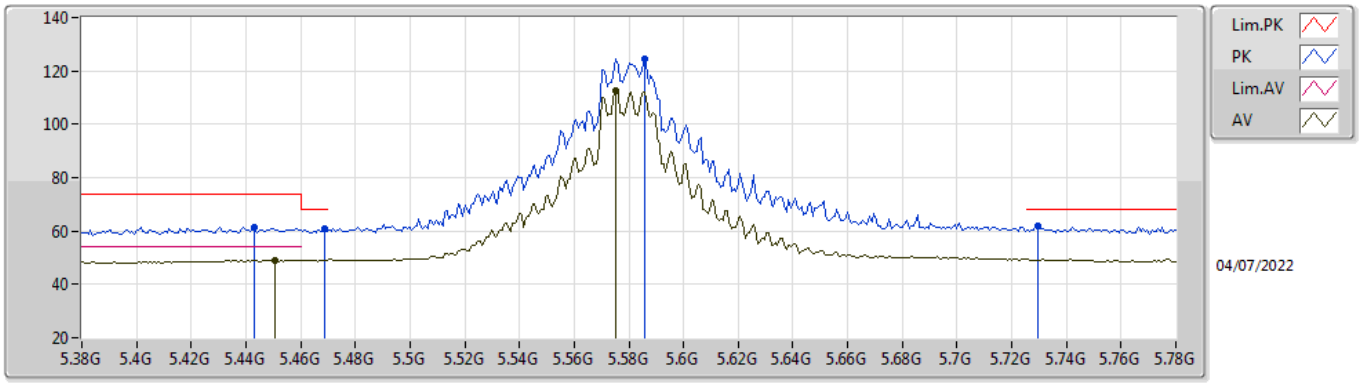


EUT Z_4TX
Setting 76
02-B-S-8

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	11.00093G	52.58	74.00	-21.42	38.20	3	Horizontal	321	1.17	-	38.60	7.70	31.92
AV	10.99993G	39.22	54.00	-14.78	24.84	3	Horizontal	321	1.17	-	38.60	7.70	31.92
PK	16.49781G	57.74	68.20	-10.46	39.39	3	Horizontal	312	2.37	-	39.08	10.25	30.98

802.11ax HEW20_Nss1,(MCS0)_4TX

5580MHz_TnomVnom

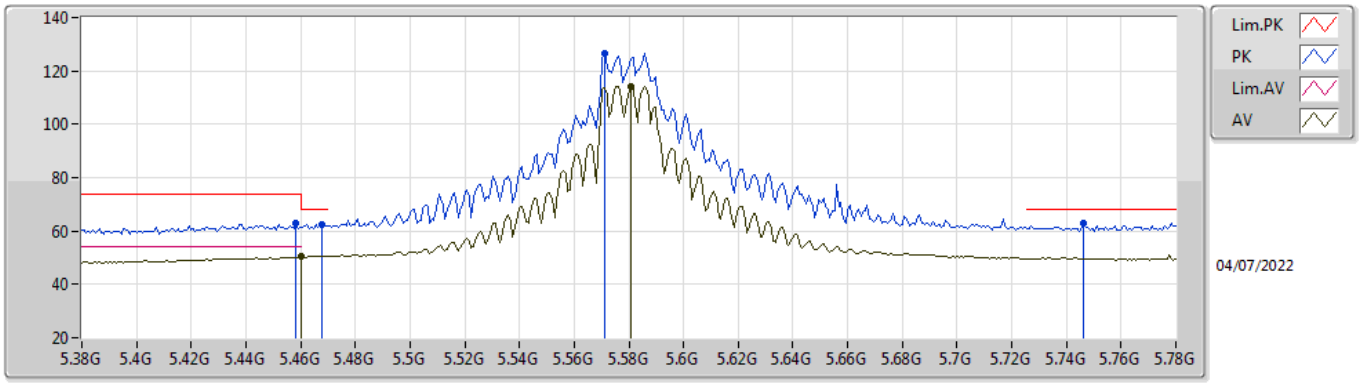


EUT Z_4TX
Setting 108
02-B-S-8-13

Type	Freq	Level	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	61.38	74.00	-12.62	52.66	3	Vertical	321	2.90	-	34.00	5.44	30.72
AV	5.4504G	49.02	54.00	-4.98	40.29	3	Vertical	321	2.90	-	34.00	5.45	30.72
PK	5.4688G	60.90	68.20	-7.30	52.15	3	Vertical	321	2.90	-	34.00	5.47	30.72
PK	5.5856G	124.60	Inf	-Inf	115.87	3	Vertical	321	2.90	-	33.93	5.59	30.79
AV	5.5752G	112.38	Inf	-Inf	103.63	3	Vertical	321	2.90	-	33.95	5.58	30.78
PK	5.7296G	61.73	68.20	-6.47	53.18	3	Vertical	321	2.90	-	33.84	5.60	30.89

802.11ax HEW20_Nss1,(MCS0)_4TX

5580MHz_TnomVnom

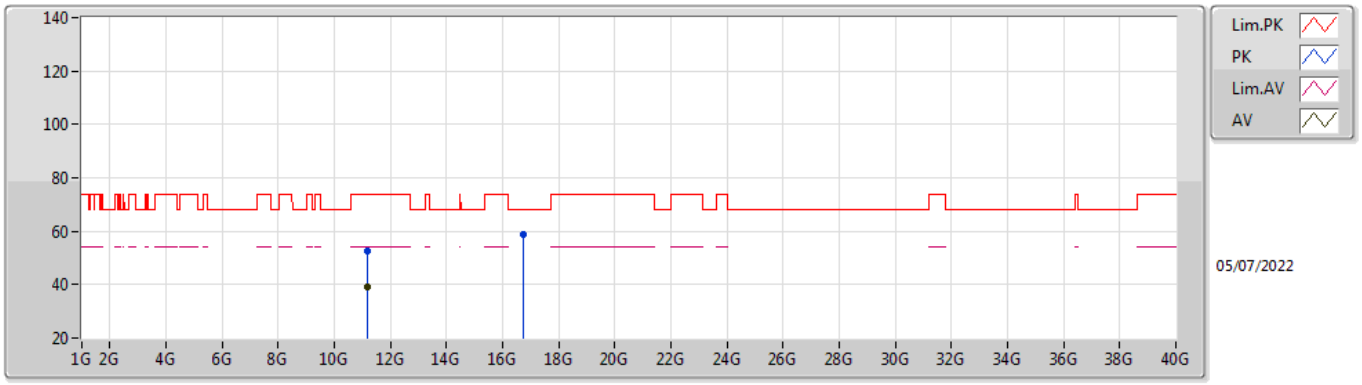


EUT Z_4TX
Setting 108
02-B-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4584G	62.78	74.00	-11.22	54.04	3	Horizontal	340	1.68	-	34.00	5.46	30.72
AV	5.46G	50.34	54.00	-3.66	41.60	3	Horizontal	340	1.68	-	34.00	5.46	30.72
PK	5.468G	62.38	68.20	-5.82	53.63	3	Horizontal	340	1.68	-	34.00	5.47	30.72
PK	5.5712G	126.52	Inf	-Inf	117.76	3	Horizontal	340	1.68	-	33.96	5.57	30.77
AV	5.5808G	114.21	Inf	-Inf	105.47	3	Horizontal	340	1.68	-	33.94	5.58	30.78
PK	5.7464G	62.75	68.20	-5.45	54.25	3	Horizontal	340	1.68	-	33.81	5.60	30.91

802.11ax HEW20_Nss1,(MCS0)_4TX

5580MHz_TnomVnom

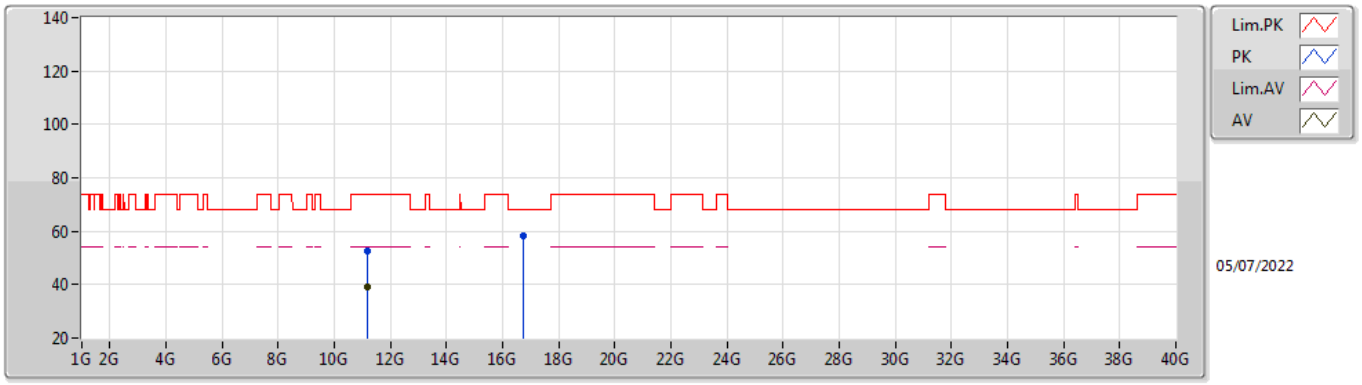


EUT Z_4TX
Setting 108
02-B-S-8

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	11.15822G	52.54	74.00	-21.46	38.00	3	Vertical	332	1.95	-	38.76	7.76	31.98
AV	11.15759G	39.20	54.00	-14.80	24.66	3	Vertical	332	1.95	-	38.76	7.76	31.98
PK	16.74087G	58.88	68.20	-9.32	39.21	3	Vertical	309	2.00	-	39.93	10.37	30.63

802.11ax HEW20_Nss1,(MCS0)_4TX

5580MHz_TnomVnom

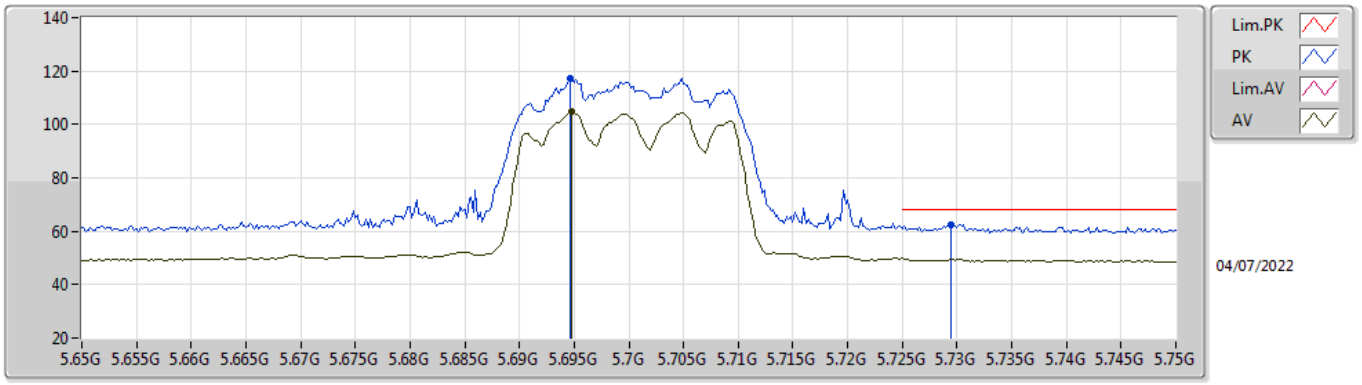


EUT Z_4TX
Setting 108
02-B-S-8

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	11.16242G	52.55	74.00	-21.45	38.01	3	Horizontal	172	1.11	-	38.76	7.76	31.98
AV	11.15814G	39.29	54.00	-14.71	24.75	3	Horizontal	172	1.11	-	38.76	7.76	31.98
PK	16.74056G	58.15	68.20	-10.05	38.49	3	Horizontal	334	2.66	-	39.92	10.37	30.63

802.11ax HEW20_Nss1,(MCS0)_4TX

5700MHz_TnomVnom

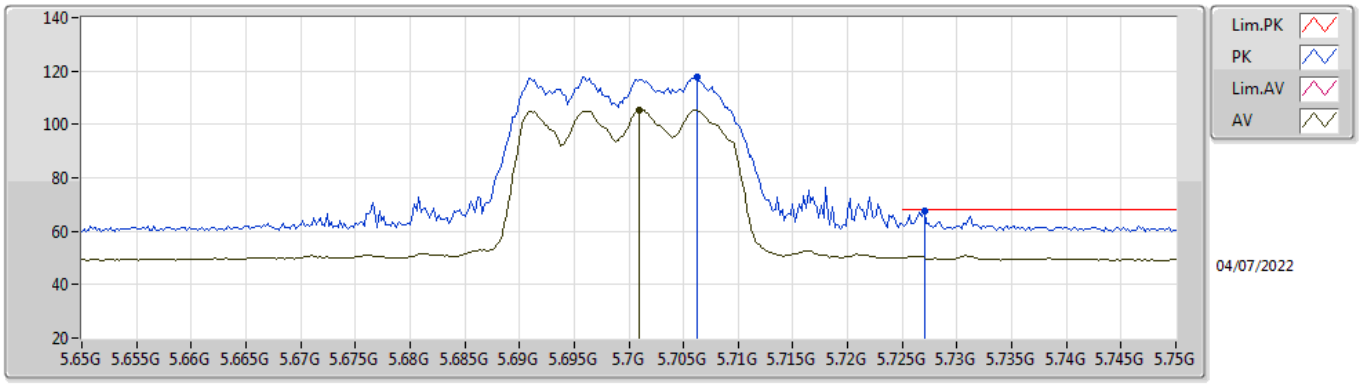


EUT Z_4TX
Setting 69
02-B-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6946G	117.27	Inf	-Inf	108.65	3	Vertical	231	2.78	-	33.89	5.60	30.87
AV	5.6948G	104.68	Inf	-Inf	96.06	3	Vertical	231	2.78	-	33.89	5.60	30.87
PK	5.7294G	62.58	68.20	-5.62	54.03	3	Vertical	231	2.78	-	33.84	5.60	30.89

802.11ax HEW20_Nss1,(MCS0)_4TX

5700MHz_TnomVnom

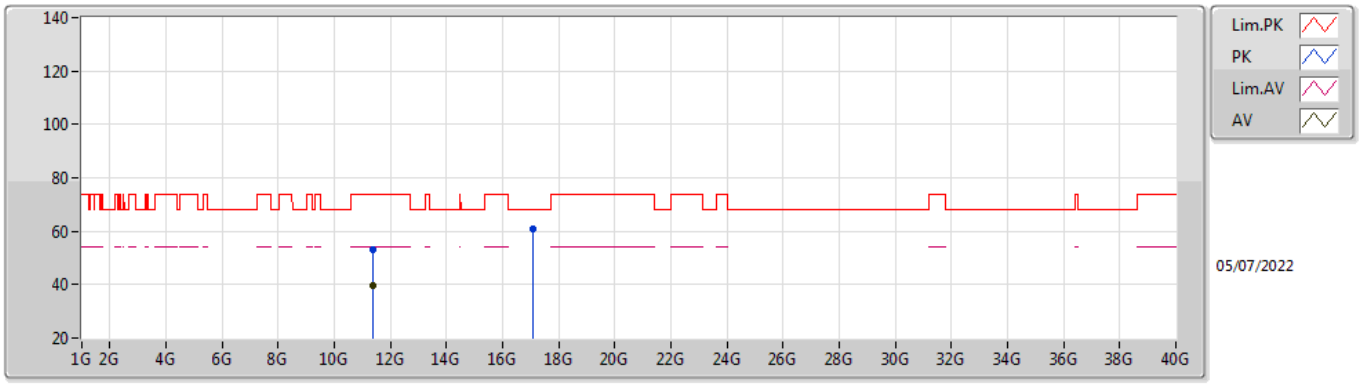


EUT Z_4TX
Setting 69
02-B-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7062G	117.72	Inf	-Inf	109.11	3	Horizontal	307	1.78	-	33.89	5.60	30.88
AV	5.701G	105.49	Inf	-Inf	96.86	3	Horizontal	307	1.78	-	33.90	5.60	30.87
PK	5.727G	67.69	68.20	-0.51	59.13	3	Horizontal	307	1.78	-	33.85	5.60	30.89

802.11ax HEW20_Nss1,(MCS0)_4TX

5700MHz_TnomVnom

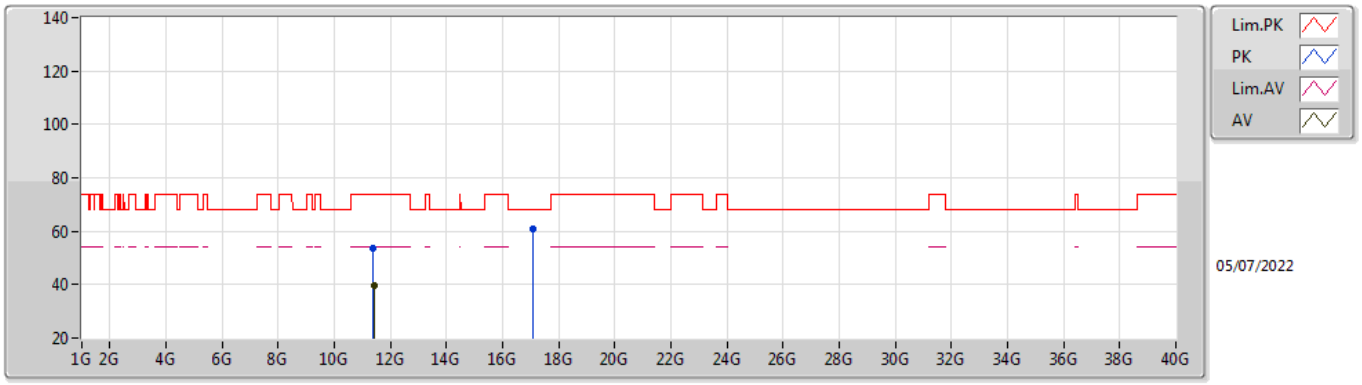


EUT Z_4TX
Setting 69
02-B-S-8

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	11.40081G	52.98	74.00	-21.02	38.40	3	Vertical	182	1.24	-	38.80	7.86	32.08
AV	11.3982G	39.53	54.00	-14.47	24.95	3	Vertical	182	1.24	-	38.80	7.86	32.08
PK	17.09968G	60.66	68.20	-7.54	38.96	3	Vertical	105	2.11	-	41.40	10.55	30.25

802.11ax HEW20_Nss1,(MCS0)_4TX

5700MHz_TnomVnom

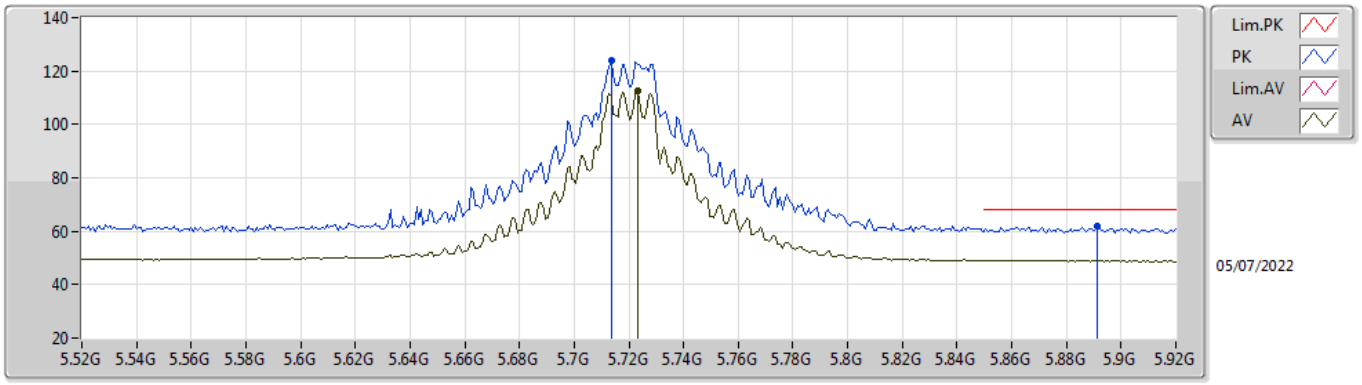


EUT Z_4TX
Setting 69
02-B-S-8

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	11.40126G	53.64	74.00	-20.36	39.06	3	Horizontal	334	1.92	-	38.80	7.86	32.08
AV	11.402G	39.73	54.00	-14.27	25.15	3	Horizontal	334	1.92	-	38.80	7.86	32.08
PK	17.09966G	60.98	68.20	-7.22	39.28	3	Horizontal	195	2.04	-	41.40	10.55	30.25

802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

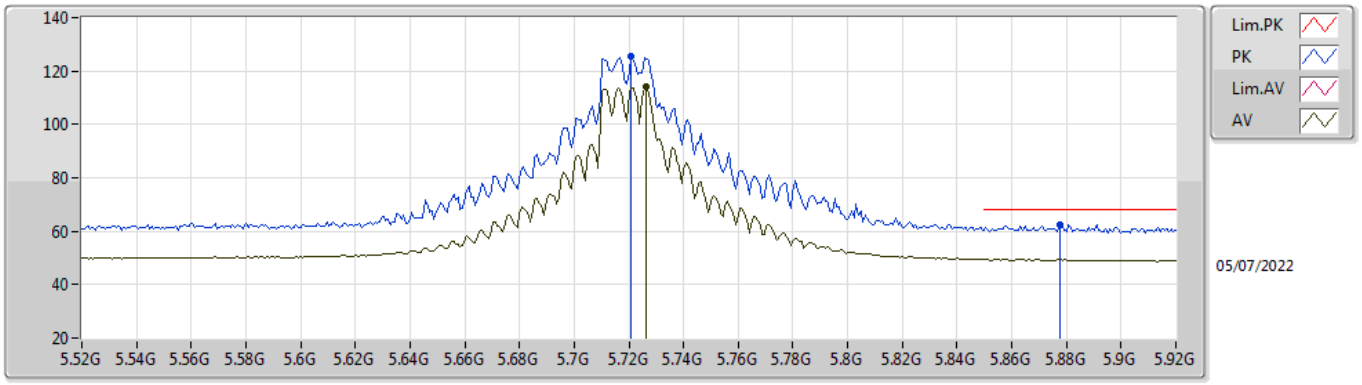


EUT Z_4TX
Setting 108
02-B-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7136G	124.12	Inf	-Inf	115.53	3	Vertical	294	1.81	-	33.87	5.60	30.88
AV	5.7232G	112.39	Inf	-Inf	103.83	3	Vertical	294	1.81	-	33.85	5.60	30.89
PK	5.8912G	61.77	68.20	-6.43	53.05	3	Vertical	294	1.81	-	34.05	5.69	31.02

802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

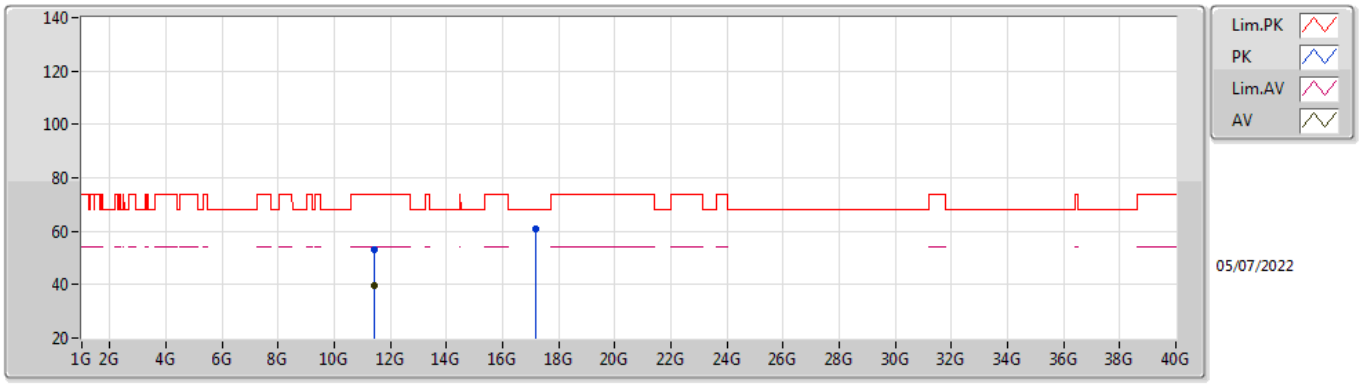


EUT Z_4TX
Setting 108
02-B-S-8-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7208G	125.49	Inf	-Inf	116.92	3	Horizontal	306	1.96	-	33.86	5.60	30.89
AV	5.7264G	114.29	Inf	-Inf	105.73	3	Horizontal	306	1.96	-	33.85	5.60	30.89
PK	5.8776G	62.60	68.20	-5.60	53.96	3	Horizontal	306	1.96	-	33.97	5.68	31.01

802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz_TnomVnom

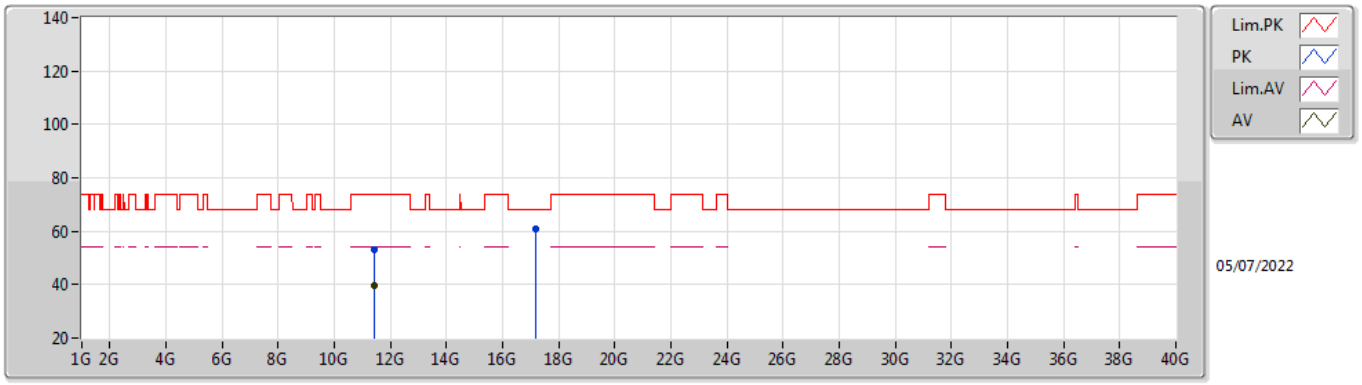


EUT Z_4TX
Setting 108
02-B-S-8

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	11.43781G	53.30	74.00	-20.70	38.64	3	Vertical	224	2.34	-	38.88	7.88	32.10
AV	11.44087G	39.77	54.00	-14.23	25.11	3	Vertical	224	2.34	-	38.88	7.88	32.10
PK	17.1599G	60.69	68.20	-7.51	38.59	3	Vertical	51	1.00	-	41.76	10.58	30.24

802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz_TnomVnom

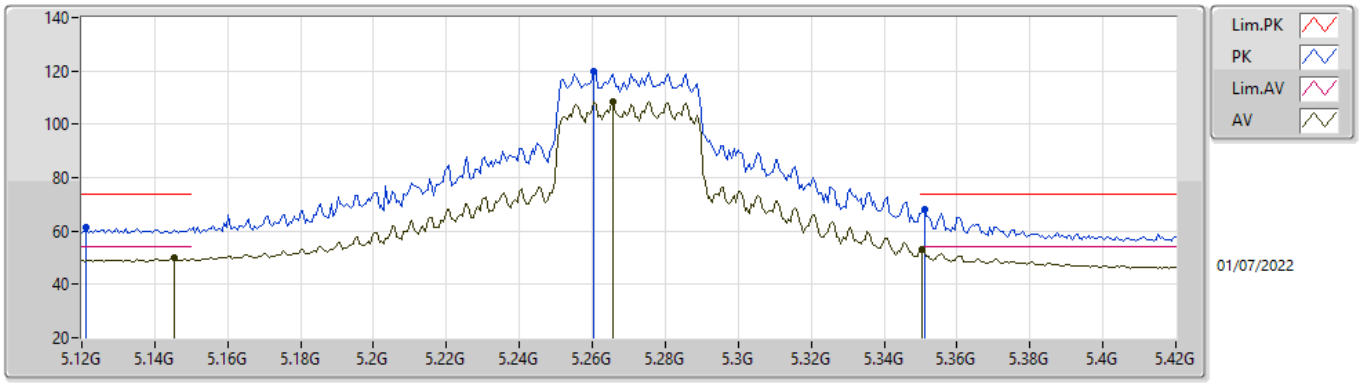


EUT Z_4TX
Setting 108
02-B-S-8

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	11.44244G	52.95	74.00	-21.05	38.29	3	Horizontal	163	1.57	-	38.88	7.88	32.10
AV	11.44131G	39.71	54.00	-14.29	25.05	3	Horizontal	163	1.57	-	38.88	7.88	32.10
PK	17.16195G	60.86	68.20	-7.34	38.75	3	Horizontal	205	1.53	-	41.77	10.58	30.24

802.11ax HEW40_Nss1,(MCS0)_4TX

5270MHz_TnomVnom

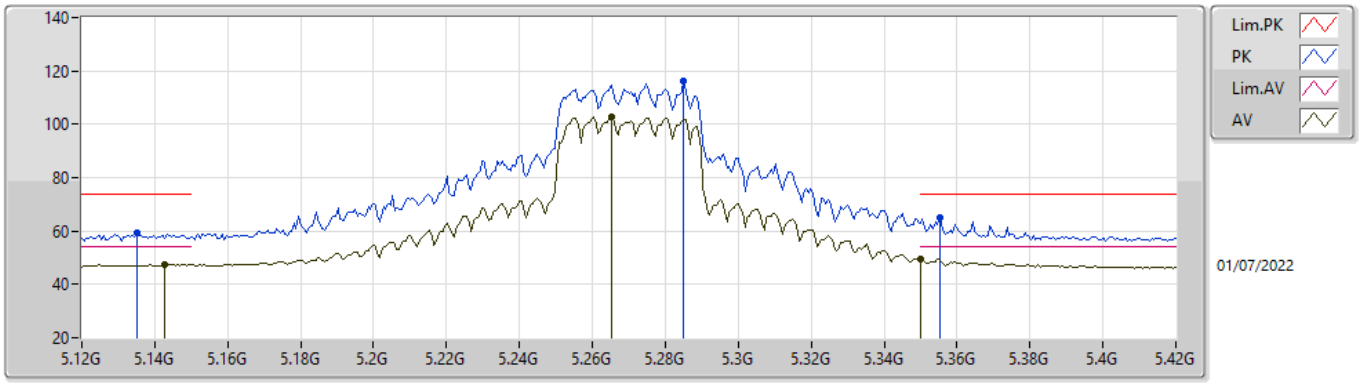


EUT Y_4TX
Setting 85
04-D-S-8-10

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	5.1212G	61.58	74.00	-12.42	56.70	3	Vertical	96	1.59	-	33.02	5.02	33.16
AV	5.1452G	49.99	54.00	-4.01	45.19	3	Vertical	96	1.59	-	32.92	5.05	33.17
PK	5.2604G	119.73	Inf	-Inf	114.78	3	Vertical	96	1.59	-	33.02	5.10	33.17
AV	5.2658G	108.65	Inf	-Inf	103.69	3	Vertical	96	1.59	-	33.03	5.10	33.17
PK	5.351G	67.85	74.00	-6.15	62.81	3	Vertical	96	1.59	-	33.11	5.10	33.17
AV	5.3504G	53.16	54.00	-0.84	48.13	3	Vertical	96	1.59	-	33.10	5.10	33.17

802.11ax HEW40_Nss1,(MCS0)_4TX

5270MHz_TnomVnom

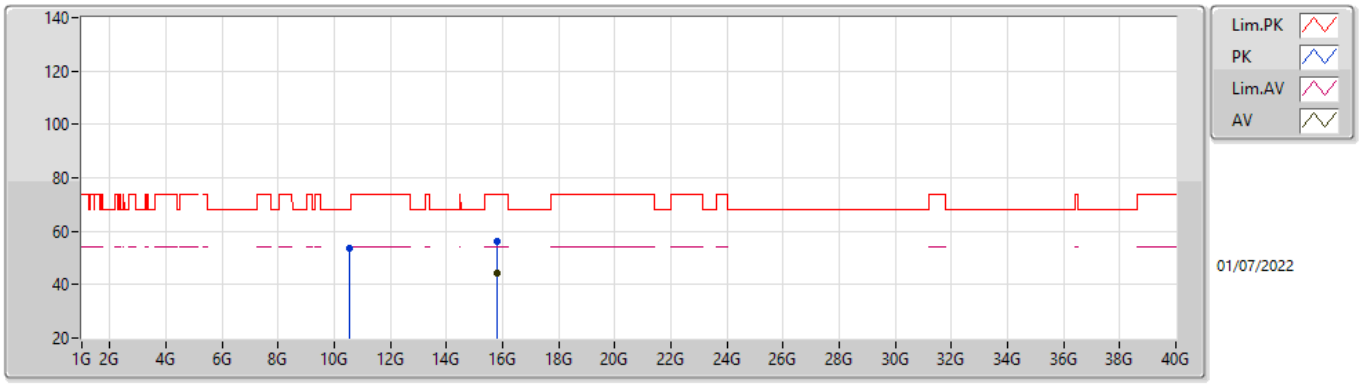


EUT Y_4TX
Setting 85
04-D-S-8-10

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	5.135G	59.06	74.00	-14.94	54.23	3	Horizontal	59	2.45	-	32.96	5.04	33.17
AV	5.1428G	47.49	54.00	-6.51	42.69	3	Horizontal	59	2.45	-	32.93	5.04	33.17
PK	5.285G	116.06	Inf	-Inf	111.06	3	Horizontal	59	2.45	-	33.07	5.10	33.17
AV	5.2652G	102.91	Inf	-Inf	97.95	3	Horizontal	59	2.45	-	33.03	5.10	33.17
PK	5.3552G	64.78	74.00	-9.22	59.72	3	Horizontal	59	2.45	-	33.13	5.10	33.17
AV	5.35G	49.71	54.00	-4.29	44.68	3	Horizontal	59	2.45	-	33.10	5.10	33.17

802.11ax HEW40_Nss1,(MCS0)_4TX

5270MHz_TnomVnom

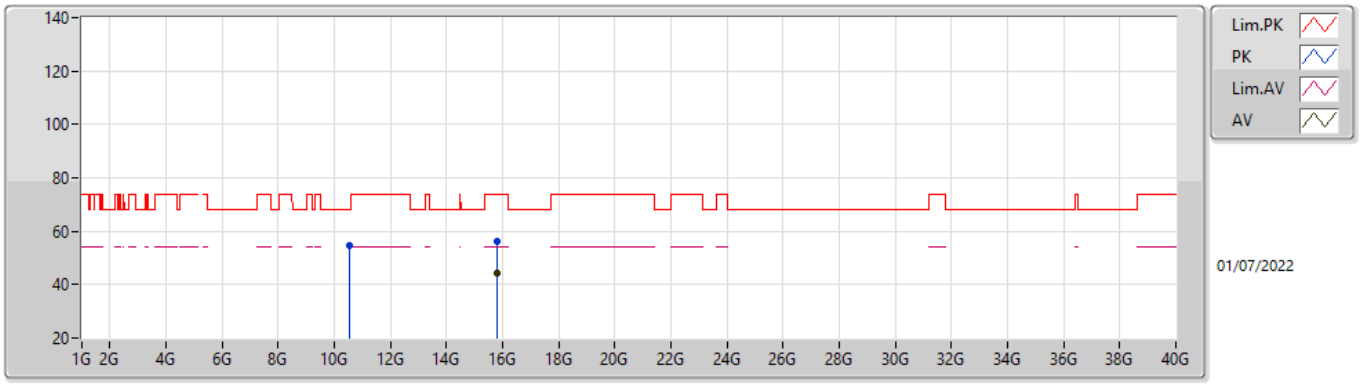


EUT Y_4TX
Setting 85
04-D-S-8

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	10.53954G	53.80	68.20	-14.40	40.77	3	Vertical	132	2.74	-	39.20	7.98	34.15
PK	15.8108G	56.24	74.00	-17.76	43.62	3	Vertical	88	1.69	-	38.72	9.05	35.15
AV	15.8106G	44.49	54.00	-9.51	31.87	3	Vertical	88	1.69	-	38.72	9.05	35.15

802.11ax HEW40_Nss1,(MCS0)_4TX

5270MHz_TnomVnom

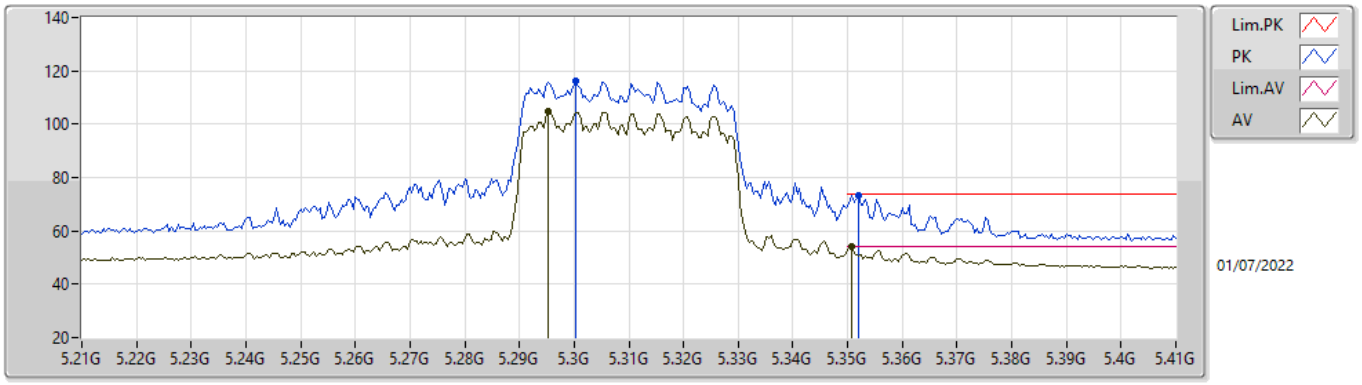


EUT Y_4TX
Setting 85
04-D-S-8

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	10.54282G	54.70	68.20	-13.50	41.67	3	Horizontal	316	1.94	-	39.20	7.98	34.15
PK	15.80524G	56.36	74.00	-17.64	43.75	3	Horizontal	5	2.61	-	38.71	9.05	35.15
AV	15.80782G	44.26	54.00	-9.74	31.64	3	Horizontal	5	2.61	-	38.72	9.05	35.15

802.11ax HEW40_Nss1,(MCS0)_4TX

5310MHz_TnomVnom

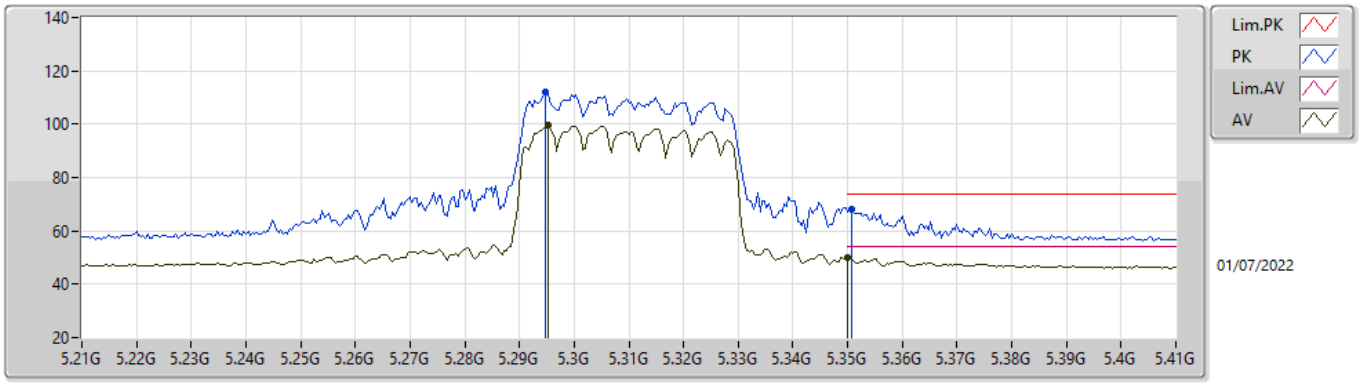


EUT Y_4TX
Setting 73
04-D-S-8-10

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	5.3004G	116.22	Inf	-Inf	111.19	3	Vertical	95	1.67	-	33.10	5.10	33.17
AV	5.2952G	104.77	Inf	-Inf	99.75	3	Vertical	95	1.67	-	33.09	5.10	33.17
PK	5.352G	73.11	74.00	-0.89	68.07	3	Vertical	95	1.67	-	33.11	5.10	33.17
AV	5.3508G	53.89	54.00	-0.11	48.86	3	Vertical	95	1.67	-	33.10	5.10	33.17

802.11ax HEW40_Nss1,(MCS0)_4TX

5310MHz_TnomVnom

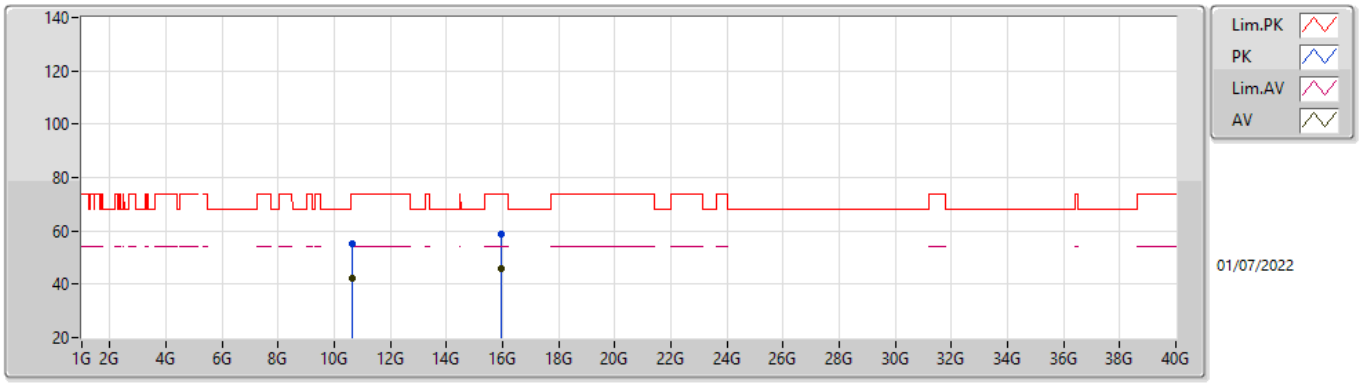


EUT Y_4TX
Setting 73
04-D-S-8-10

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	5.2948G	111.83	Inf	-Inf	106.81	3	Horizontal	58	2.43	-	33.09	5.10	33.17
AV	5.2952G	99.52	Inf	-Inf	94.50	3	Horizontal	58	2.43	-	33.09	5.10	33.17
PK	5.3508G	67.89	74.00	-6.11	62.86	3	Horizontal	58	2.43	-	33.10	5.10	33.17
AV	5.35G	49.98	54.00	-4.02	44.95	3	Horizontal	58	2.43	-	33.10	5.10	33.17

802.11ax HEW40_Nss1,(MCS0)_4TX

5310MHz_TnomVnom

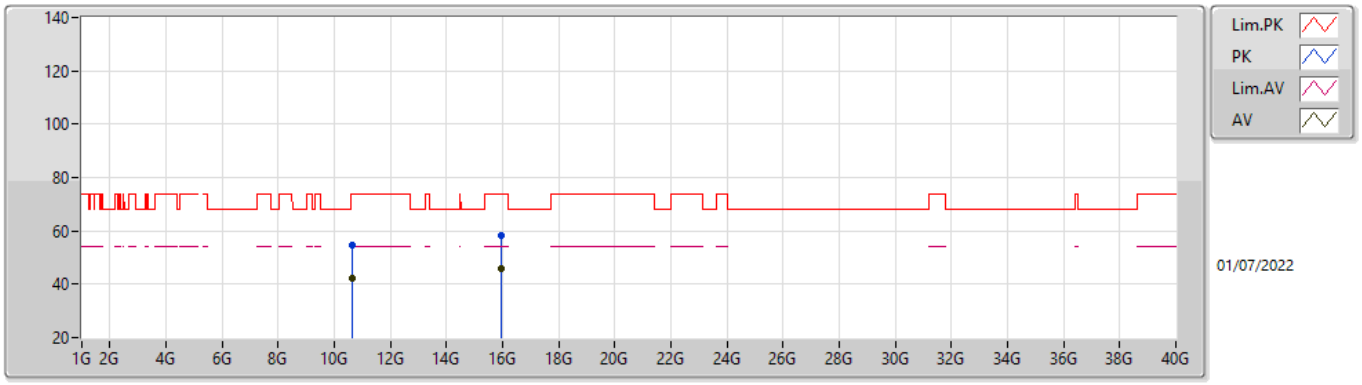


EUT Y_4TX
Setting 73
04-D-S-8

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	10.619G	55.28	74.00	-18.72	42.20	3	Vertical	354	1.80	-	39.26	8.03	34.21
AV	10.62126G	42.19	54.00	-11.81	29.11	3	Vertical	354	1.80	-	39.26	8.03	34.21
PK	15.93018G	58.59	74.00	-15.41	45.83	3	Vertical	131	2.77	-	38.84	9.08	35.16
AV	15.92942G	45.86	54.00	-8.14	33.10	3	Vertical	131	2.77	-	38.84	9.08	35.16

802.11ax HEW40_Nss1,(MCS0)_4TX

5310MHz_TnomVnom

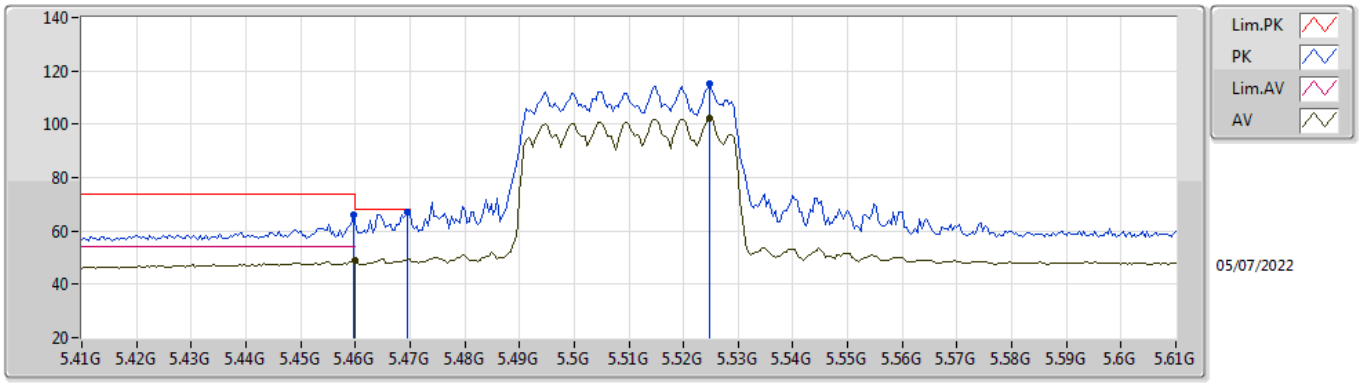


EUT Y_4TX
Setting 73
04-D-S-8

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	10.62392G	54.75	74.00	-19.25	41.66	3	Horizontal	264	1.38	-	39.27	8.04	34.22
AV	10.6151G	42.17	54.00	-11.83	29.10	3	Horizontal	264	1.38	-	39.25	8.03	34.21
PK	15.92924G	58.10	74.00	-15.90	45.34	3	Horizontal	9	1.19	-	38.84	9.08	35.16
AV	15.9268G	45.96	54.00	-8.04	33.19	3	Horizontal	9	1.19	-	38.85	9.08	35.16

802.11ax HEW40_Nss1,(MCS0)_4TX

5510MHz_TnomVnom

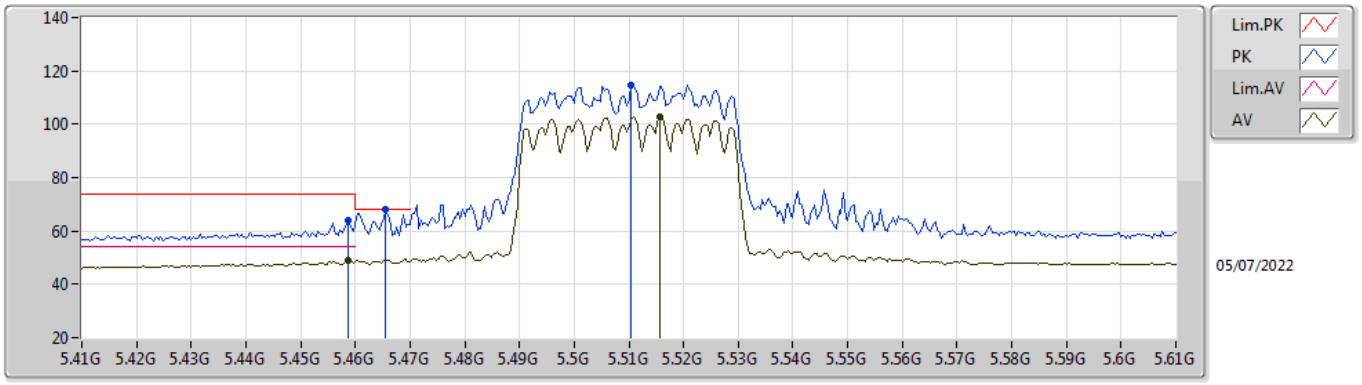


EUT Z_4TX
Setting 72
02-B-S-8-10

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	5.4596G	65.78	74.00	-8.22	57.04	3	Vertical	231	2.79	-	34.00	5.46	30.72
AV	5.46G	48.88	54.00	-5.12	40.14	3	Vertical	231	2.79	-	34.00	5.46	30.72
PK	5.4696G	67.11	68.20	-1.09	58.36	3	Vertical	231	2.79	-	34.00	5.47	30.72
PK	5.5248G	115.06	Inf	-Inf	106.28	3	Vertical	231	2.79	-	34.00	5.52	30.74
AV	5.5248G	102.35	Inf	-Inf	93.57	3	Vertical	231	2.79	-	34.00	5.52	30.74

802.11ax HEW40_Nss1,(MCS0)_4TX

5510MHz_TnomVnom

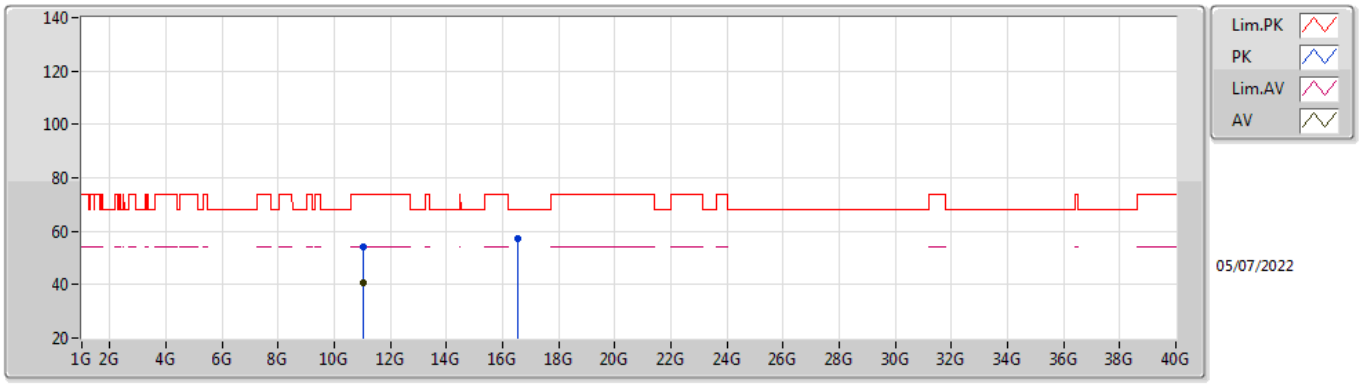


EUT Z_4TX
Setting 72
02-B-S-8-10

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	5.4588G	63.73	74.00	-10.27	54.99	3	Horizontal	233	2.67	-	34.00	5.46	30.72
AV	5.4588G	48.81	54.00	-5.19	40.07	3	Horizontal	233	2.67	-	34.00	5.46	30.72
PK	5.4656G	68.06	68.20	-0.14	59.31	3	Horizontal	233	2.67	-	34.00	5.47	30.72
PK	5.5104G	114.57	Inf	-Inf	105.79	3	Horizontal	233	2.67	-	34.00	5.51	30.73
AV	5.5156G	102.70	Inf	-Inf	93.91	3	Horizontal	233	2.67	-	34.00	5.52	30.73

802.11ax HEW40_Nss1,(MCS0)_4TX

5510MHz_TnomVnom

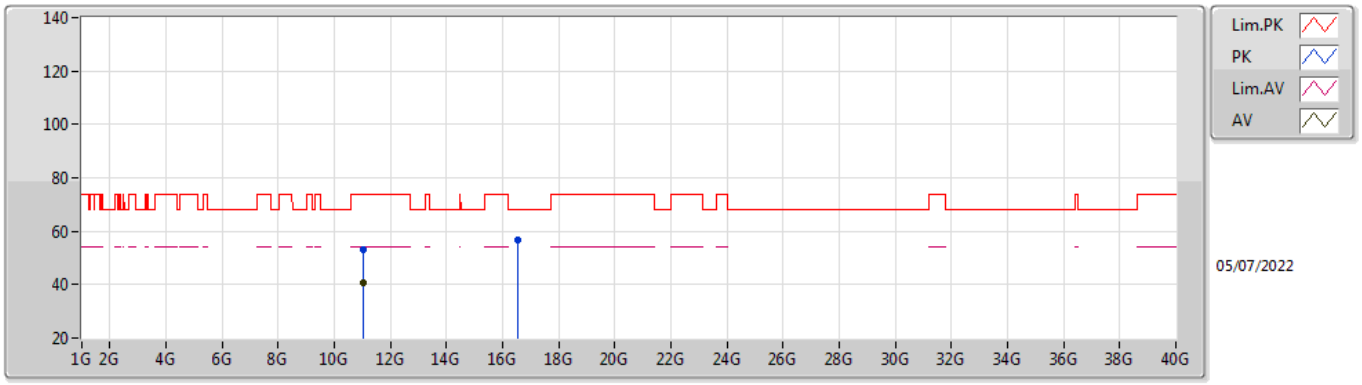


EUT Z_4TX
Setting 72
02-B-S-8

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	11.0185G	54.03	74.00	-19.97	39.63	3	Vertical	182	2.14	-	38.62	7.71	31.93
AV	11.02099G	40.59	54.00	-13.41	26.19	3	Vertical	182	2.14	-	38.62	7.71	31.93
PK	16.52933G	57.20	68.20	-11.00	38.69	3	Vertical	291	2.85	-	39.19	10.26	30.94

802.11ax HEW40_Nss1,(MCS0)_4TX

5510MHz_TnomVnom

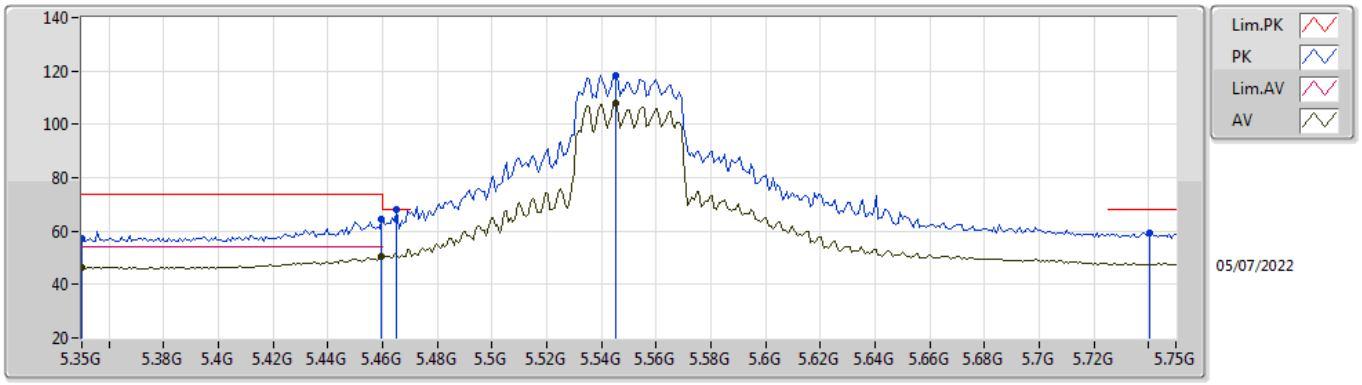


EUT Z_4TX
Setting 72
02-B-S-8

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	11.02077G	53.12	74.00	-20.88	38.72	3	Horizontal	277	1.51	-	38.62	7.71	31.93
AV	11.01771G	40.54	54.00	-13.46	26.14	3	Horizontal	277	1.51	-	38.62	7.71	31.93
PK	16.53151G	56.97	68.20	-11.23	38.44	3	Horizontal	98	1.19	-	39.19	10.27	30.93

802.11ax HEW40_Nss1,(MCS0)_4TX

5550MHz_TnomVnom

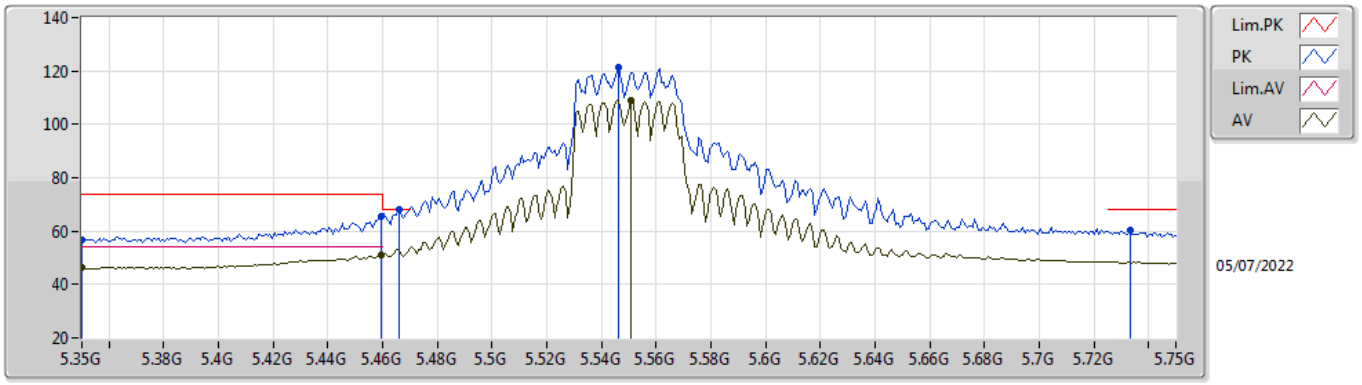


EUT Z_4TX
Setting 91
02-B-S-8-10

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	57.12	74.00	-16.88	48.57	3	Vertical	236	2.79	-	33.90	5.37	30.72
AV	5.35G	46.14	54.00	-7.86	37.59	3	Vertical	236	2.79	-	33.90	5.37	30.72
PK	5.4596G	64.27	74.00	-9.73	55.53	3	Vertical	236	2.79	-	34.00	5.46	30.72
AV	5.4596G	50.77	54.00	-3.23	42.03	3	Vertical	236	2.79	-	34.00	5.46	30.72
PK	5.4652G	68.13	68.20	-0.07	59.38	3	Vertical	236	2.79	-	34.00	5.47	30.72
PK	5.5452G	118.40	Inf	-Inf	109.60	3	Vertical	236	2.79	-	34.00	5.55	30.75
AV	5.5452G	108.03	Inf	-Inf	99.23	3	Vertical	236	2.79	-	34.00	5.55	30.75
PK	5.7404G	59.50	68.20	-8.70	50.98	3	Vertical	236	2.79	-	33.82	5.60	30.90

802.11ax HEW40_Nss1,(MCS0)_4TX

5550MHz_TnomVnom



EUT Z_4TX
Setting 91
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	56.91	74.00	-17.09	48.36	3	Horizontal	340	1.71	-	33.90	5.37	30.72
AV	5.35G	46.36	54.00	-7.64	37.81	3	Horizontal	340	1.71	-	33.90	5.37	30.72
PK	5.4596G	65.44	74.00	-8.56	56.70	3	Horizontal	340	1.71	-	34.00	5.46	30.72
AV	5.4596G	50.98	54.00	-3.02	42.24	3	Horizontal	340	1.71	-	34.00	5.46	30.72
PK	5.466G	68.05	68.20	-0.15	59.30	3	Horizontal	340	1.71	-	34.00	5.47	30.72
PK	5.546G	121.20	Inf	-Inf	112.40	3	Horizontal	340	1.71	-	34.00	5.55	30.75
AV	5.5508G	108.94	Inf	-Inf	100.15	3	Horizontal	340	1.71	-	34.00	5.55	30.76
PK	5.7332G	60.37	68.20	-7.83	51.84	3	Horizontal	340	1.71	-	33.83	5.60	30.90