FCC Radio Test Report

FCC ID	:	**2ACTO-AP6840**
Equipment	:	**Sophos Access Point**
Brand Name	:	**SOPHOS**
Model Name	:	**AP6 840**
Applicant	:	**Sophos Ltd. The Pentagon, Abingdon Science Park, Abingdon, OX14 3YP, United Kingdom**
Manufacturer	:	**Sophos Ltd. The Pentagon, Abingdon Science Park, Abingdon, OX14 3YP, United Kingdom**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Jun. 24, 2022, and testing was started from Jul. 19, 2022 and completed on May 30, 2023. We, SPORTON INTERNATIONAL INC. Hsinhua 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 variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.

Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)

Table of Contents

HISTORY OF THIS TEST REPORT 3

SUMMARY OF TEST RESULT 4

1 GENERAL DESCRIPTION 5

1.1 Information 5
1.2 Testing Applied Standards 9
1.3 Testing Location Information 9
1.4 Measurement Uncertainty 10

2 TEST CONFIGURATION OF EUT 11

2.1 Test Channel Mode 11
2.2 The Worst Case Measurement Configuration 14
2.3 Accessories 15
2.4 Support Equipment 15
2.5 Test Setup Diagram 16

3 TRANSMITTER TEST RESULT 17

3.1 AC Power-line Conducted Emissions 17
3.2 Emission Bandwidth 19
3.3 Maximum Conducted Output Power 20
3.4 Peak Power Spectral Density 22
3.5 Unwanted Emissions 24

4 TEST EQUIPMENT AND CALIBRATION DATA 28

APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS

APPENDIX B. TEST RESULTS OF EMISSION BANDWIDTH

APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER

APPENDIX D. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY

APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS

APPENDIX F. TEST RESULTS OF RADIATED EMISSION CO-LOCATION

APPENDIX G. TEST PHOTOS

PHOTOGRAPHS OF EUT V01

History of this test report

Report No.	Version	Description	Issued Date
FR260703-05AN	01	Initial issue of report	Jun. 15, 2023

Summary of Test Result

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

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

Reviewed by: Ryan Hsiao

Report Producer: Amber Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]
5725-5850		5775	155 [1]

Non-Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4TX
5.25-5.35GHz	802.11a	20	4TX
5.47-5.725GHz	802.11a	20	4TX
5.725-5.85GHz	802.11a	20	4TX
5.15-5.25GHz	802.11ax HEW20	20	4TX
5.25-5.35GHz	802.11ax HEW20	20	4TX
5.47-5.725GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.15-5.25GHz	802.11ax HEW40	40	4TX
5.25-5.35GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.15-5.25GHz	802.11ax HEW80	80	4TX

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX

Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW20-BF	20	4TX
5.25-5.35GHz	802.11ax HEW20-BF	20	4TX
5.47-5.725GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.15-5.25GHz	802.11ax HEW40-BF	40	4TX
5.25-5.35GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.15-5.25GHz	802.11ax HEW80-BF	80	4TX
5.25-5.35GHz	802.11ax HEW80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	Grand-Tek	DB-1	PIFA	I-Pex	2.4G+5G
2	Grand-Tek	DB-2	PIFA	I-Pex	2.4G+5G
3	Grand-Tek	DB-3	PIFA	I-Pex	2.4G+5G
4	Grand-Tek	DB-4	PIFA	I-Pex	2.4G+5G

Ant.	Port	Gain (dBi)	
		2.4G	5G
1	1	5.1	6.2
2	2	5.4	4.8
3	3	5.1	4.7
4	4	4.7	5.7

Note 1: The EUT has eight antennas.

For 2.4GHz function:

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

Ant. 1 (port 1), Ant. 2 (port 2), Ant. 3 (port 3) and Ant. 4 (port 4) could transmit/receive simultaneously.

For 5GHz function:

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

Ant. 1 (port 1), Ant. 2 (port 2), Ant. 3 (port 3) and Ant. 4 (port 4) could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From PoE			
EUT Function	☐	Outdoor AP	☒	Indoor AP
	☐	Fixed P2P AP	☐	Client
Beamforming Function	☒	With beamforming	☐	Without beamforming
TPC Function	☒	With TPC Function	☐	Without TPC Function
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Resource Unit(802.11ax)	☒	Full RU	☐	Partial RU

Type of EUT		
☒	Stand-alone	
☐	Combined (EUT where the radio part is fully integrated within another device)	
	Combined Equipment - Brand Name / Model No.:	…
☐	Plug-in radio (EUT intended for a variety of host systems)	
	Host System - Brand Name / Model No.:	
☐	Other:	

1.1.4 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_4TX	0.957	0.19	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.985	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_4TX	0.986	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80_Nss1,(MCS0)_4TX	0.978	0.1	5.381m	300

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.985	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.986	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.978	0.1	5.381m	300

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

1.1.5 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR260703-01AN.

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
Power reduction for 2.4GHz and 5GHz UNII-3	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density

1.2 Testing Applied 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
- KDB 789033 D02 v02r01

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

- KDB 662911 D01 v02r01
- KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab.：Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua **(TAF:** 3785**)**	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Wayne Chiu	21.2~21.6°C / 55~57%	01/Aug/2022
RF Conducted	TH07-HY	Edward Wang	22.2~23.7°C / 51~58%	02/Aug/2022~23/Aug/2022, 30/May/2023
☒ Wen 33rd.St. **(TAF:** 3785**)**	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		**FAX:** 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
Radiated	03CH09-HY	Lego Lin	22.6~26.1°C / 48~56%	19/Jul/2022~08/Nov/2022
Radiated (Co-location)	03CH09-HY	Lego Lin	21.5~23.4°C / 42~53%	18/Jan/2023

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
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Emission Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Receiver Radiated Unwanted Emissions	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	QDART-Connectivity1.0-00089

Non-Beamforming

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	17.5
5200MHz	17.5
5240MHz	17
5260MHz	10.5
5300MHz	11
5320MHz	10.5
5500MHz	10.5
5580MHz	11.5
5700MHz	11
5720MHz Straddle 5.47-5.725GHz	11
5720MHz Straddle 5.725-5.85GHz	11
5745MHz	19
5785MHz	19
5825MHz	19
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	18.5
5200MHz	18
5240MHz	17
5260MHz	11
5300MHz	11.5
5320MHz	11
5500MHz	11
5580MHz	12
5700MHz	11
5720MHz Straddle 5.47-5.725GHz	11.5
5720MHz Straddle 5.725-5.85GHz	11.5
5745MHz	19
5785MHz	19

Mode	Power Setting
5825MHz	19
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	17.5
5230MHz	19
5270MHz	14.5
5310MHz	14
5510MHz	14.5
5550MHz	15
5670MHz	14
5710MHz Straddle 5.47-5.725GHz	14.5
5710MHz Straddle 5.725-5.85GHz	14.5
5755MHz	19
5795MHz	19
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	17.5
5290MHz	15.5
5530MHz	17.5
5610MHz	17
5690MHz Straddle 5.47-5.725GHz	16.5
5690MHz Straddle 5.725-5.85GHz	16.5
5775MHz	19

Beamforming

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	18
5200MHz	17.5
5240MHz	17
5260MHz	10.5
5300MHz	11
5320MHz	10.5
5500MHz	10.5
5580MHz	11.5
5700MHz	11
5720MHz Straddle 5.47-5.725GHz	11.5
5720MHz Straddle 5.725-5.85GHz	11.5
5745MHz	17
5785MHz	17.5
5825MHz	17.5
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	17.5
5230MHz	17.5
5270MHz	11.5
5310MHz	11.5
5510MHz	11.5
5550MHz	11.5
5670MHz	11
5710MHz Straddle 5.47-5.725GHz	11.5
5710MHz Straddle 5.725-5.85GHz	11.5
5755MHz	17
5795MHz	18
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	17.5
5290MHz	11
5530MHz	12
5610MHz	12
5690MHz Straddle 5.47-5.725GHz	11.5
5690MHz Straddle 5.725-5.85GHz	11.5
5775MHz	19

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	PoE mode

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	PoE mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT	V		

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA260616-05 for Co-location RF Exposure Evaluation.	

2.3 Accessories

Accessories				
Wall Mount*2	Brand Name	-	Model Name	-

Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

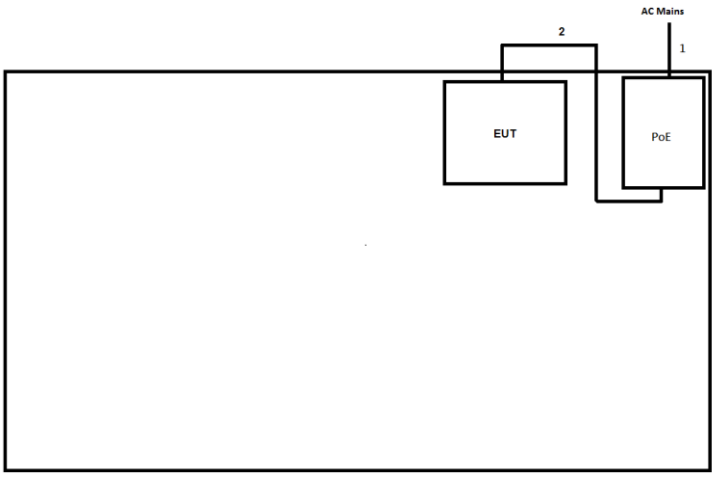
Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	RJ45 Cable	Power Sync	CAT-6E-10	-	-
2	PoE	LINKSYS	PI021A	-	Provided by Customer
3	AC Power Cable	Power Sync	TPCMRN0018	-	-

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	PoE (remote)	LINKSYS	PI021A	-	Provided by Customer
2	AC Power Cable (remote)	Power sync	TPCMRN0018	-	-

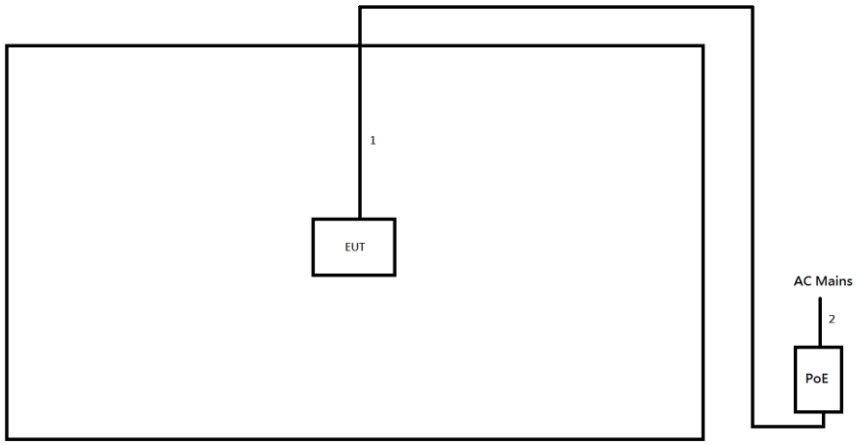
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	RJ45 cable	No	10.0	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	RJ45 cable	No	10.0	-
2	AC Power cable	No	1.8	-

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

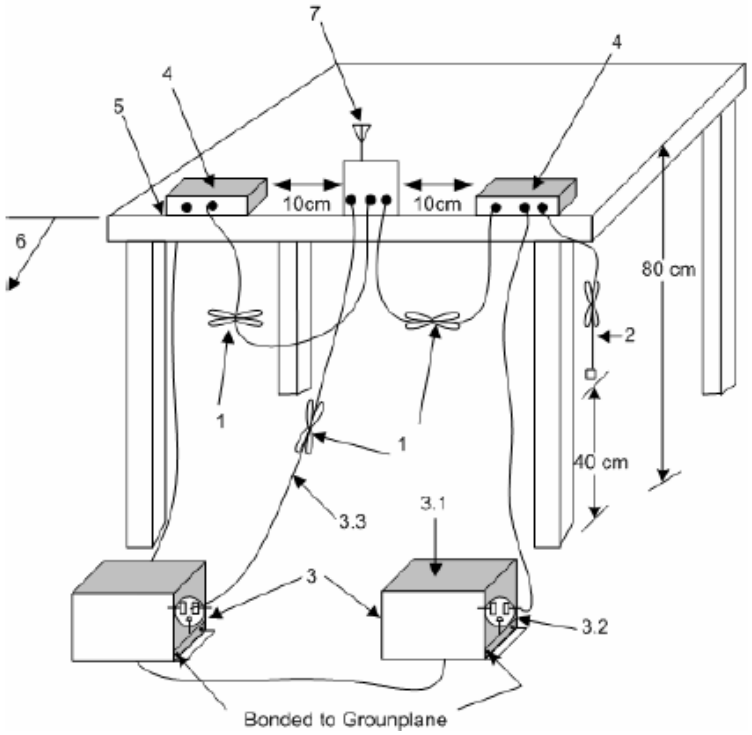
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) +LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 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 50Ωloads. 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.

3.1.6 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, N/A
☒ For the 5.47-5.725 GHz band, N/A
☒ For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

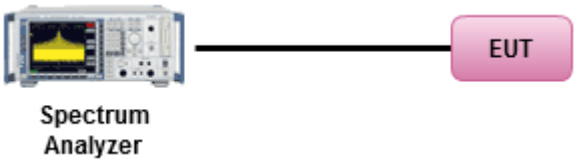
3.2.2 Measuring Instruments

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 KDB 789033, clause C for EBW and clause D for OBW measurement.
	☐ Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
	☐ Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

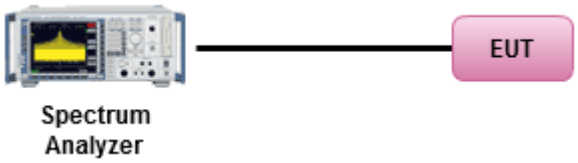
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

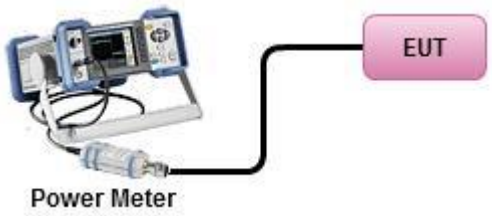
Test Method	
▪ Maximum Conducted Output Power	
	Duty cycle ≥ 98%
	☐ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle < 98%
	☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as KDB 789033, clause E Method PM (using an RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

For Straddle channel

RF Output Power (Spectrum Analyzer)


For Other channel

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☒	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
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.	

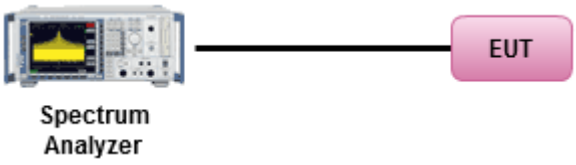
3.4.2 Measuring Instruments

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 KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth		
	Duty cycle ≥ 98%		
	☐ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).		
	Duty cycle < 98%		
	☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)		
▪ For conducted measurement.			
	▪ If the EUT supports multiple transmit chains using options given below:		
		▪ Measure and sum the spectra across the outputs. Refer as 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.	
	▪	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated 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	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

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 KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
▪ Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
☒ Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
☒ Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
▪ For radiated measurement.
▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
▪ The any unwanted emissions level shall not exceed the fundamental emission level.
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
▪ Use the following spectrum analyzer settings:
▪ Set RBW=100 kHz for f < 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
▪ Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4.
▪ KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.
▪ Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

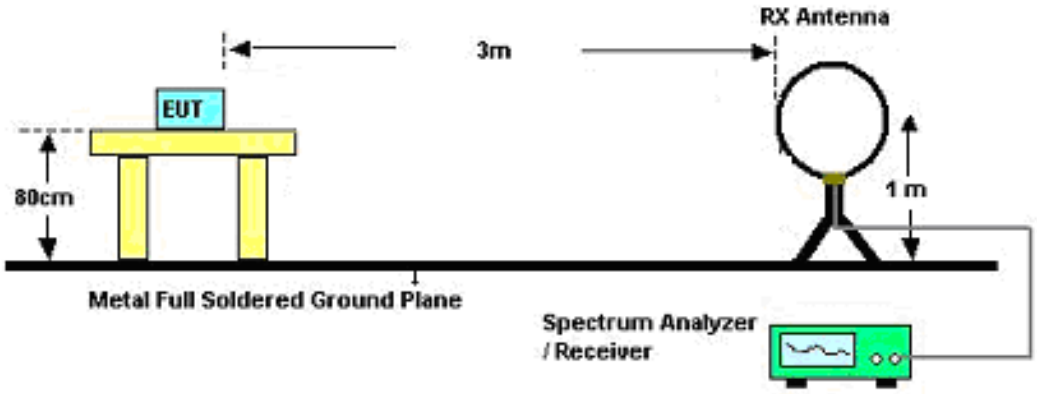
3.5.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

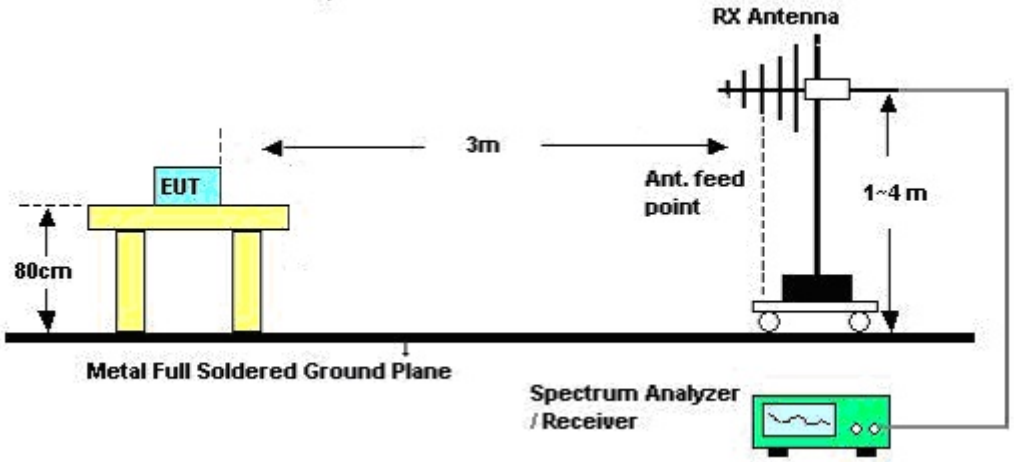
3.5.5 Test Setup

Transmitter Radiated Unwanted Emissions

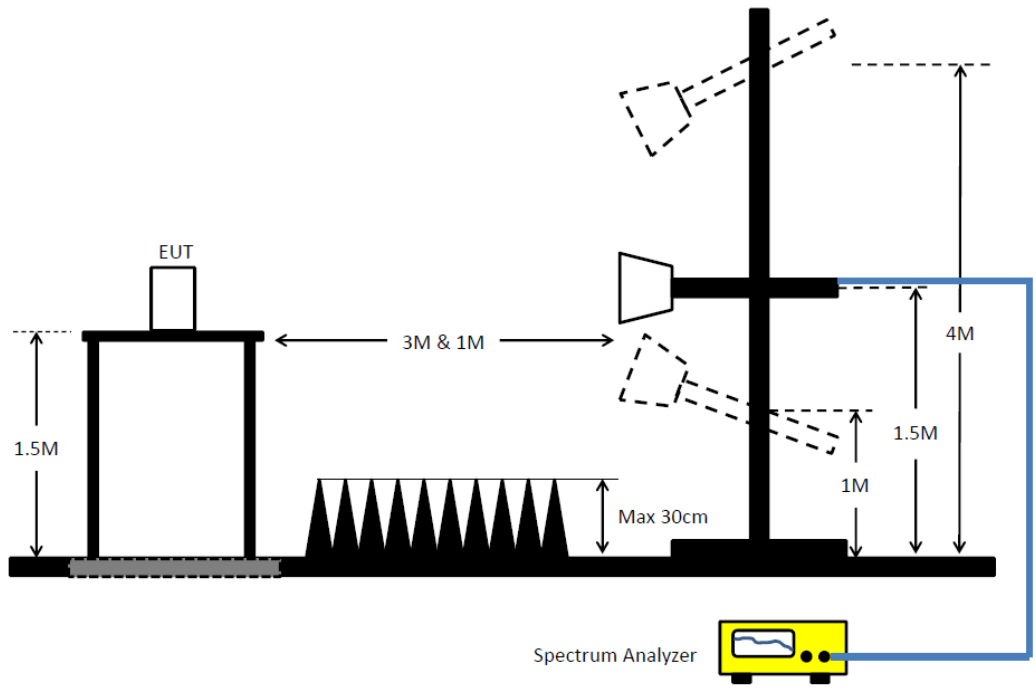
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	13/May/2022	12/May/2023
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	18/Feb/2022	17/Feb/2023
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	01/Mar/2022	28/Feb/2023
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	26/Oct/2021	25/Oct/2022
Software	Sporton	SENSE-EMI	V5.10.8.2	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	14/Feb/2023	13/Feb/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2022	20/Oct/2023
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	14/Dec/2022	13/Dec/2023
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	14/Dec/2022	13/Dec/2023
SENSE-15407_NII	Sporton	V5.10.8.3	N/A	N/A	N/A	N/A
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	14/Feb/2022	13/Feb/2023
SMR 40 Signal Generator	R&S	SMR 40	100116	10 MHz ~10GHz	11/Jan/2022	10/Jan/2023
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	17/Dec/2021	16/Dec/2022
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	20/Dec/2021	19/Dec/2022
SENSE-15407_NII	Sporton	V5.10.8.3	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	25/Mar/2022	24/Mar/2023
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	13/Aug/2021	12/Aug/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	27/Dec/2021	26/Dec/2022
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	08/Apr/2022	07/Apr/2023
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	23/Jul/2021	22/Jul/2022
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	22/Jul/2022	21/Jul/2023
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MTJ6102-05	35418 & 3	30MHz~1GHz	04/Sep/2021	03/Sep/2022
RF Cable-low	Jye Bao	RG142	CB031+324530/4	9kHz~30MHz	30/Aug/2021	29/Aug/2022
RF Cable-low	Jye Bao	RG142	CB031+324530/4	30MHz~1GHz	07/Feb/2022	06/Feb/2023
RF CABLE 5m+3m+1m	HUBER+ SUHNER	SUCOFLEX104	CB009	1GHz~40GHz	13/Aug/2021	12/Aug/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	30/May/2022	29/May/2023
SENSE-15407	Sporton	NA	5.10.7.20	NA	NA	NA

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2022	10/Aug/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	10/Mar/2022	09/Mar/2023
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	22/Jul/2022	21/Jul/2023
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	17/Aug/2022	16/Aug/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
SENSE-EMI	Sporton	NA	5.10.7.15	NA	NA	NA

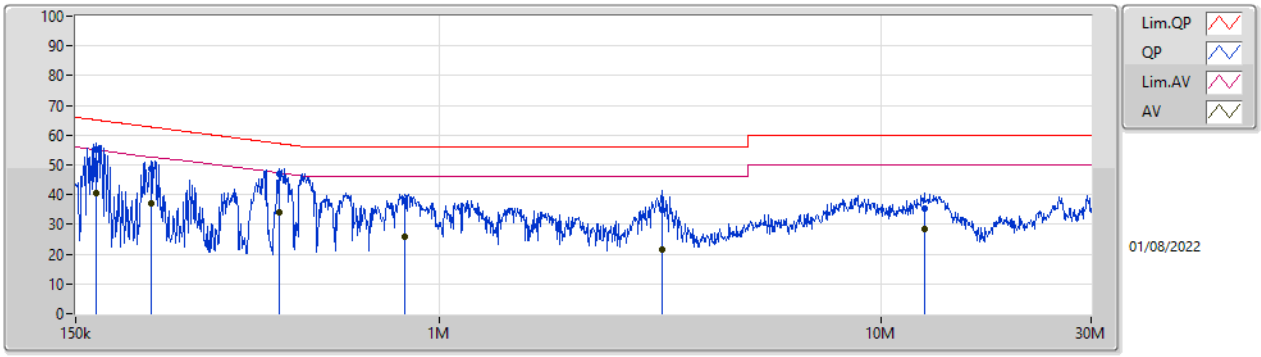
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	504.824k	47.56	56.00	-8.44	Neutral

Result

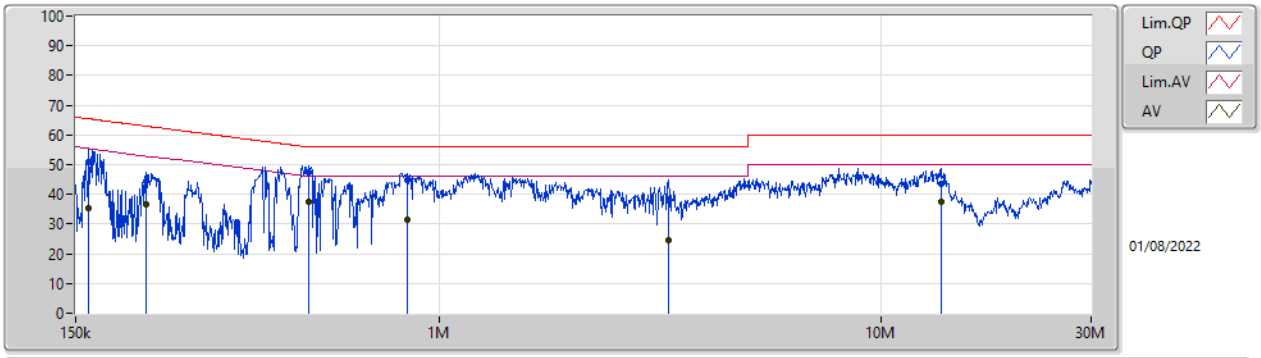
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	166.406k	55.24	65.14	-9.90	Line	-
Mode 1	Pass	AV	166.406k	40.68	55.14	-14.46	Line	-
Mode 1	Pass	QP	221.817k	48.67	62.75	-14.08	Line	-
Mode 1	Pass	AV	221.817k	37.25	52.75	-15.50	Line	-
Mode 1	Pass	QP	433.769k	46.93	57.19	-10.26	Line	-
Mode 1	Pass	AV	433.769k	34.08	47.19	-13.11	Line	-
Mode 1	Pass	QP	834.81k	38.08	56.00	-17.92	Line	-
Mode 1	Pass	AV	834.81k	25.69	46.00	-20.31	Line	-
Mode 1	Pass	QP	3.192M	34.88	56.00	-21.12	Line	-
Mode 1	Pass	AV	3.192M	21.47	46.00	-24.53	Line	-
Mode 1	Pass	QP	12.554M	35.20	60.00	-24.80	Line	-
Mode 1	Pass	AV	12.554M	28.54	50.00	-21.46	Line	-
Mode 1	Pass	QP	160.533k	50.70	65.43	-14.73	Neutral	-
Mode 1	Pass	AV	160.533k	35.29	55.43	-20.14	Neutral	-
Mode 1	Pass	QP	216.567k	44.44	62.94	-18.50	Neutral	-
Mode 1	Pass	AV	216.567k	36.60	52.94	-16.34	Neutral	-
Mode 1	Pass	QP	504.824k	47.56	56.00	-8.44	Neutral	-
Mode 1	Pass	AV	504.824k	37.48	46.00	-8.52	Neutral	-
Mode 1	Pass	QP	844.868k	44.70	56.00	-11.30	Neutral	-
Mode 1	Pass	AV	844.868k	31.43	46.00	-14.57	Neutral	-
Mode 1	Pass	QP	3.309M	38.36	56.00	-17.64	Neutral	-
Mode 1	Pass	AV	3.309M	24.38	46.00	-21.62	Neutral	-
Mode 1	Pass	QP	13.706M	43.41	60.00	-16.59	Neutral	-
Mode 1	Pass	AV	13.706M	37.35	50.00	-12.65	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	166.406k	55.24	65.14	-9.90	19.63	Line	-	35.61	9.69	0.03	9.91
AV	166.406k	40.68	55.14	-14.46	19.63	Line	-	21.05	9.69	0.03	9.91
QP	221.817k	48.67	62.75	-14.08	19.63	Line	-	29.04	9.69	0.03	9.91
AV	221.817k	37.25	52.75	-15.50	19.63	Line	-	17.62	9.69	0.03	9.91
QP	433.769k	46.93	57.19	-10.26	19.63	Line	-	27.30	9.68	0.04	9.91
AV	433.769k	34.08	47.19	-13.11	19.63	Line	-	14.45	9.68	0.04	9.91
QP	834.81k	38.08	56.00	-17.92	19.65	Line	-	18.43	9.68	0.05	9.92
AV	834.81k	25.69	46.00	-20.31	19.65	Line	-	6.04	9.68	0.05	9.92
QP	3.192M	34.88	56.00	-21.12	19.74	Line	-	15.14	9.71	0.11	9.92
AV	3.192M	21.47	46.00	-24.53	19.74	Line	-	1.73	9.71	0.11	9.92
QP	12.554M	35.20	60.00	-24.80	19.94	Line	-	15.26	9.80	0.21	9.93
AV	12.554M	28.54	50.00	-21.46	19.94	Line	-	8.60	9.80	0.21	9.93

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	160.533k	50.70	65.43	-14.73	19.67	Neutral	-	31.03	9.73	0.03	9.91
AV	160.533k	35.29	55.43	-20.14	19.67	Neutral	-	15.62	9.73	0.03	9.91
QP	216.567k	44.44	62.94	-18.50	19.66	Neutral	-	24.78	9.72	0.03	9.91
AV	216.567k	36.60	52.94	-16.34	19.66	Neutral	-	16.94	9.72	0.03	9.91
QP	504.824k	47.56	56.00	-8.44	19.67	Neutral	-	27.89	9.72	0.04	9.91
AV	504.824k	37.48	46.00	-8.52	19.67	Neutral	-	17.81	9.72	0.04	9.91
QP	844.868k	44.70	56.00	-11.30	19.70	Neutral	-	25.00	9.73	0.05	9.92
AV	844.868k	31.43	46.00	-14.57	19.70	Neutral	-	11.73	9.73	0.05	9.92
QP	3.309M	38.36	56.00	-17.64	19.79	Neutral	-	18.57	9.75	0.12	9.92
AV	3.309M	24.38	46.00	-21.62	19.79	Neutral	-	4.59	9.75	0.12	9.92
QP	13.706M	43.41	60.00	-16.59	20.10	Neutral	-	23.31	9.94	0.23	9.93
AV	13.706M	37.35	50.00	-12.65	20.10	Neutral	-	17.25	9.94	0.23	9.93

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.83M	16.612M	16M7D1D	18.75M	16.342M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.69M	19.01M	19M0D1D	20.64M	18.711M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.04M	37.961M	38M0D1D	40.14M	37.453M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.08M	77.241M	77M3D1D	81.72M	76.522M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.77M	16.582M	16M6D1D	18.87M	16.222M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.69M	19.1M	19M1D1D	20.94M	18.831M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.1M	38.081M	38M1D1D	40.14M	37.361M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.96M	77.361M	77M4D1D	81.36M	76.522M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.65M	16.612M	16M7D1D	14.04M	12.954M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.81M	19.04M	19M0D1D	15.255M	14.363M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.4M	38.141M	38M2D1D	35.175M	33.513M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.56M	77.721M	77M8D1D	75.75M	72.789M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.44M	16.596M	16M6D1D	3.14M	3.418M
802.11ax HEW20_Nss1,(MCS0)_4TX	19.08M	19.082M	19M1D1D	2.58M	4.518M
802.11ax HEW40_Nss1,(MCS0)_4TX	38.04M	38.041M	38M0D1D	4.02M	4.138M
802.11ax HEW80_Nss1,(MCS0)_4TX	77.88M	77.29M	77M3D1D	3.92M	4.218M

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

Result

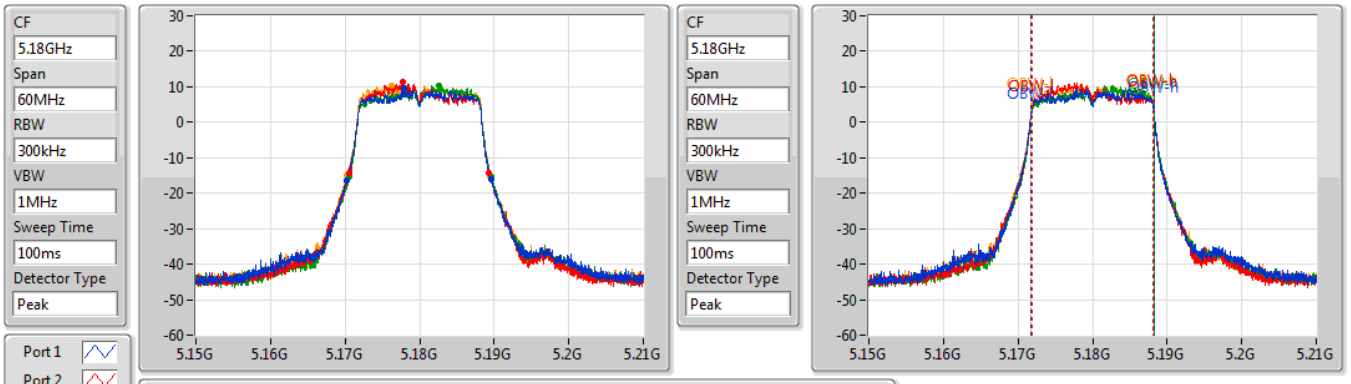
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	19.41M	16.462M	18.75M	16.342M	19.08M	16.372M	19.29M	16.402M
5200MHz	Pass	Inf	19.41M	16.462M	19.53M	16.522M	19.41M	16.462M	19.32M	16.402M
5240MHz	Pass	Inf	19.47M	16.432M	19.83M	16.612M	19.44M	16.432M	18.9M	16.402M
5260MHz	Pass	Inf	19.65M	16.462M	18.87M	16.342M	19.23M	16.432M	19.47M	16.462M
5300MHz	Pass	Inf	19.41M	16.402M	18.99M	16.222M	19.17M	16.372M	19.29M	16.402M
5320MHz	Pass	Inf	19.17M	16.402M	19.77M	16.582M	19.77M	16.552M	19.71M	16.432M
5500MHz	Pass	Inf	19.56M	16.402M	19.14M	16.402M	18.81M	16.282M	19.35M	16.432M
5580MHz	Pass	Inf	19.2M	16.342M	19.35M	16.492M	19.11M	16.372M	19.32M	16.432M
5700MHz	Pass	Inf	19.65M	16.612M	18.99M	16.432M	18.78M	16.282M	19.38M	16.432M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.115M	13.043M	14.445M	13.238M	14.04M	12.954M	14.67M	13.238M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.458M	3.16M	3.478M	3.14M	3.418M	3.16M	3.458M
5745MHz	Pass	500k	16.44M	16.574M	16.32M	16.447M	13.74M	16.125M	16.29M	16.429M
5785MHz	Pass	500k	16.02M	16.457M	15.63M	16.292M	15.69M	16.494M	16.32M	16.462M
5825MHz	Pass	500k	15.93M	16.331M	16.32M	16.596M	15.93M	16.509M	16.38M	16.408M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.36M	18.951M	21.69M	18.981M	21.18M	18.921M	21.36M	18.921M
5200MHz	Pass	Inf	21.12M	18.831M	21.66M	19.01M	21.63M	18.951M	21.48M	18.921M
5240MHz	Pass	Inf	20.85M	18.831M	20.64M	18.711M	21.36M	18.891M	21.66M	18.891M
5260MHz	Pass	Inf	21.15M	18.891M	21.3M	18.891M	21M	18.951M	21.69M	18.951M
5300MHz	Pass	Inf	20.94M	18.831M	21.63M	19.1M	21.12M	18.891M	21.54M	18.891M
5320MHz	Pass	Inf	21.21M	18.951M	21.3M	18.861M	21.15M	18.951M	21.66M	18.921M
5500MHz	Pass	Inf	21.51M	18.951M	21.33M	19.01M	21.75M	19.01M	21.63M	18.921M
5580MHz	Pass	Inf	21.24M	18.951M	21.24M	18.921M	21.3M	18.951M	21.81M	18.951M
5700MHz	Pass	Inf	20.82M	18.951M	21.81M	19.04M	20.97M	18.951M	21.33M	18.951M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.78M	14.498M	15.255M	14.363M	15.63M	14.528M	15.51M	14.438M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	4.578M	4.44M	4.558M	2.58M	4.518M	4.52M	4.578M
5745MHz	Pass	500k	17.64M	18.826M	19.05M	19.025M	19.08M	19.082M	19.02M	18.973M
5785MHz	Pass	500k	18.63M	18.962M	18.9M	18.953M	16.77M	18.851M	18.42M	18.907M
5825MHz	Pass	500k	18.84M	18.862M	18.45M	18.864M	18.78M	18.943M	18.78M	18.93M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.56M	37.721M	40.32M	37.661M	40.98M	37.961M	40.92M	37.841M
5230MHz	Pass	Inf	40.8M	37.802M	40.14M	37.453M	41.04M	37.866M	40.56M	37.797M
5270MHz	Pass	Inf	41.1M	37.781M	40.14M	37.361M	40.68M	37.901M	40.86M	37.901M
5310MHz	Pass	Inf	40.74M	37.841M	41.1M	37.781M	41.04M	38.081M	40.74M	38.021M
5510MHz	Pass	Inf	41.4M	37.841M	41.1M	38.021M	40.68M	37.841M	40.92M	37.961M
5550MHz	Pass	Inf	40.8M	37.901M	40.98M	38.081M	40.74M	37.841M	41.04M	37.961M
5670MHz	Pass	Inf	40.74M	37.781M	40.92M	38.141M	40.92M	37.901M	40.68M	37.961M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.175M	33.723M	35.63M	33.933M	35.21M	33.513M	35.525M	33.793M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.138M	4.08M	4.198M	4.08M	4.238M	4.06M	4.178M
5755MHz	Pass	500k	37.44M	37.654M	36.96M	37.682M	37.92M	38.041M	38.04M	38.015M
5795MHz	Pass	500k	36.12M	37.674M	32.52M	37.369M	36.48M	37.881M	37.98M	37.92M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.08M	77.121M	81.84M	76.522M	81.96M	77.241M	81.72M	77.121M
5290MHz	Pass	Inf	81.6M	77.361M	81.36M	76.522M	81.96M	77.361M	81.72M	77.361M
5530MHz	Pass	Inf	81.96M	77.241M	82.56M	77.601M	81.36M	77.241M	82.44M	77.361M
5610MHz	Pass	Inf	82.08M	77.481M	82.56M	77.721M	82.08M	77.241M	82.08M	77.601M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.9M	73.088M	76.35M	73.538M	75.75M	72.789M	76.125M	73.238M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.92M	4.218M	4.06M	4.258M	4.16M	4.418M	4.06M	4.238M
5775MHz	Pass	500k	74.16M	77.022M	71.76M	76.667M	73.56M	76.907M	77.88M	77.29M

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

802.11a_Nss1,(6Mbps)_4TX EBW

5180MHz

02/08/2022

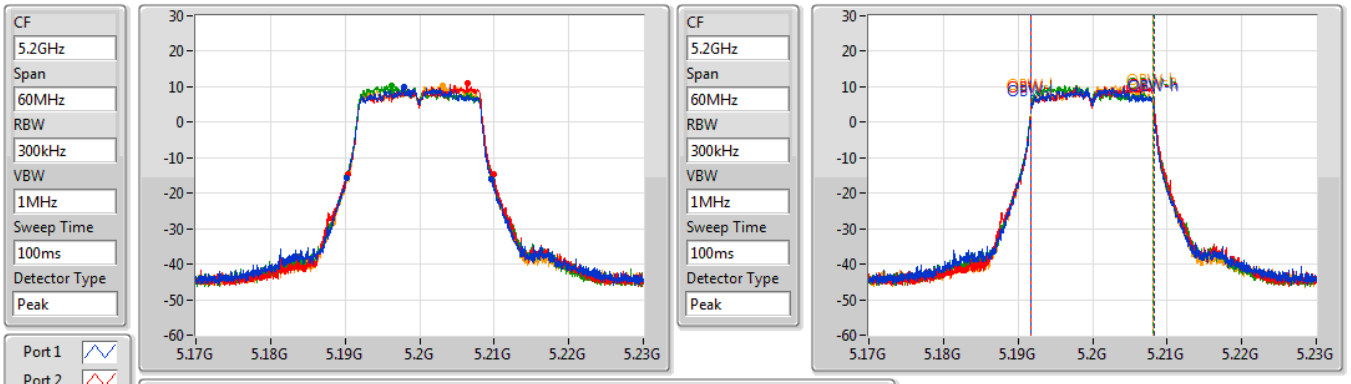


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.41M	5.17019G	5.1896G	16.462M	5.171754G	5.188216G	Inf	1
18.75M	5.17058G	5.18933G	16.342M	5.171814G	5.188156G	Inf	2
19.08M	5.17052G	5.1896G	16.372M	5.171844G	5.188216G	Inf	3
19.29M	5.17022G	5.18951G	16.402M	5.171784G	5.188186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5200MHz

02/08/2022

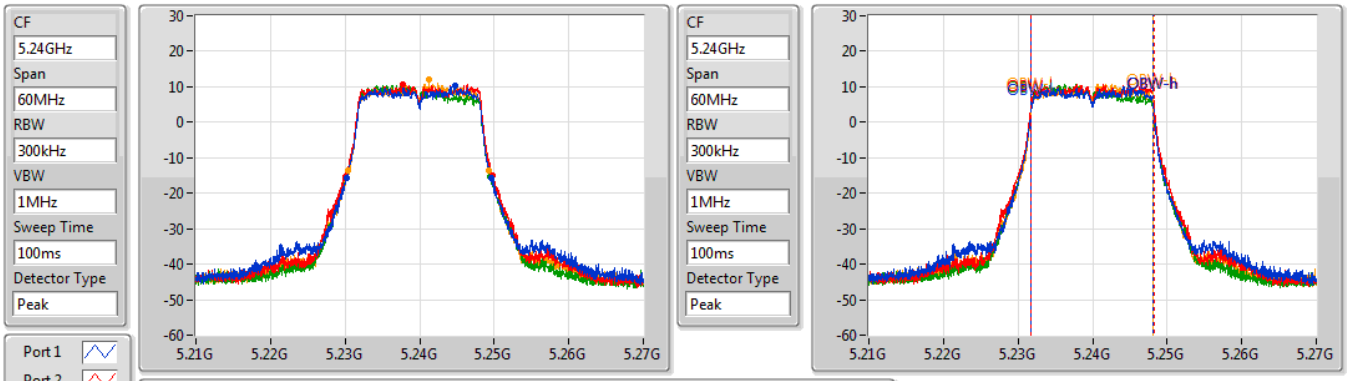


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.41M	5.19019G	5.2096G	16.462M	5.191754G	5.208216G	Inf	1
19.53M	5.19034G	5.20987G	16.522M	5.191784G	5.208306G	Inf	2
19.41M	5.19025G	5.20966G	16.462M	5.191724G	5.208186G	Inf	3
19.32M	5.19025G	5.20957G	16.402M	5.191784G	5.208186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5240MHz

02/08/2022

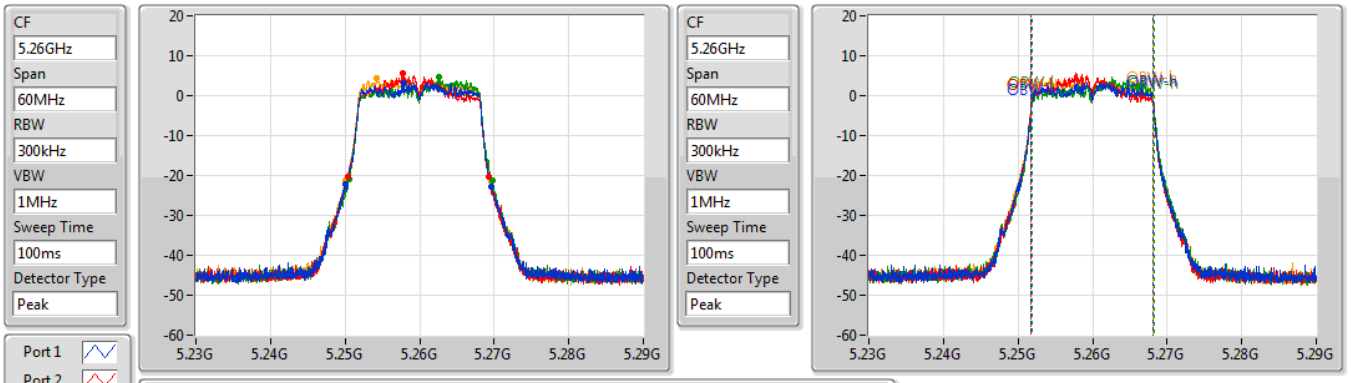


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.47M	5.23016G	5.24963G	16.432M	5.231754G	5.248186G	Inf	1
19.83M	5.22998G	5.24981G	16.612M	5.231664G	5.248276G	Inf	2
19.44M	5.23001G	5.24945G	16.432M	5.231724G	5.248156G	Inf	3
18.9M	5.2304G	5.2493G	16.402M	5.231784G	5.248186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5260MHz

02/08/2022

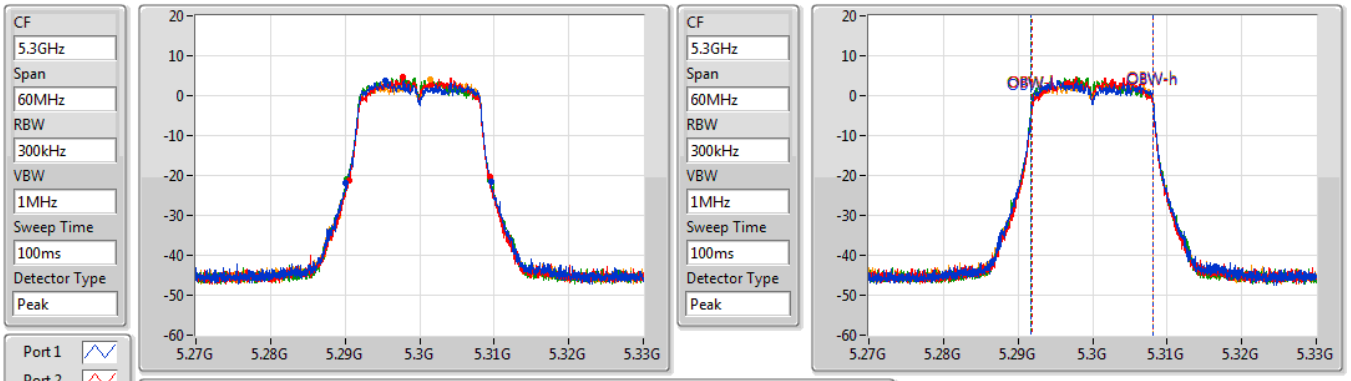


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.65M	5.25004G	5.26969G	16.462M	5.251724G	5.268186G	Inf	1
18.87M	5.2504G	5.26927G	16.342M	5.251784G	5.268126G	Inf	2
19.23M	5.25049G	5.26972G	16.432M	5.251814G	5.268246G	Inf	3
19.47M	5.2501G	5.26957G	16.462M	5.251724G	5.268186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

02/08/2022

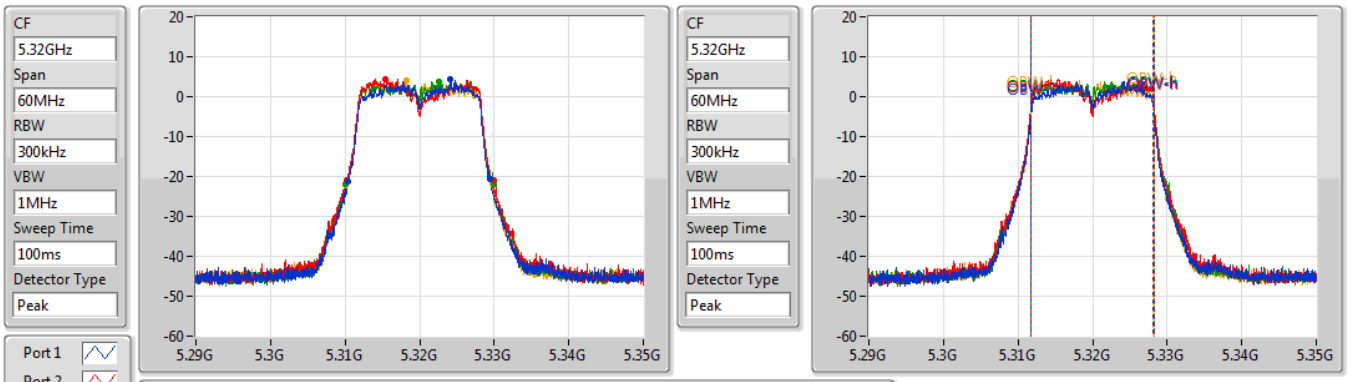


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.41M	5.29013G	5.30954G	16.402M	5.291784G	5.308186G	Inf	1
18.99M	5.29052G	5.30951G	16.222M	5.291904G	5.308126G	Inf	2
19.17M	5.29028G	5.30945G	16.372M	5.291784G	5.308156G	Inf	3
19.29M	5.29028G	5.30957G	16.402M	5.291784G	5.308186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

02/08/2022

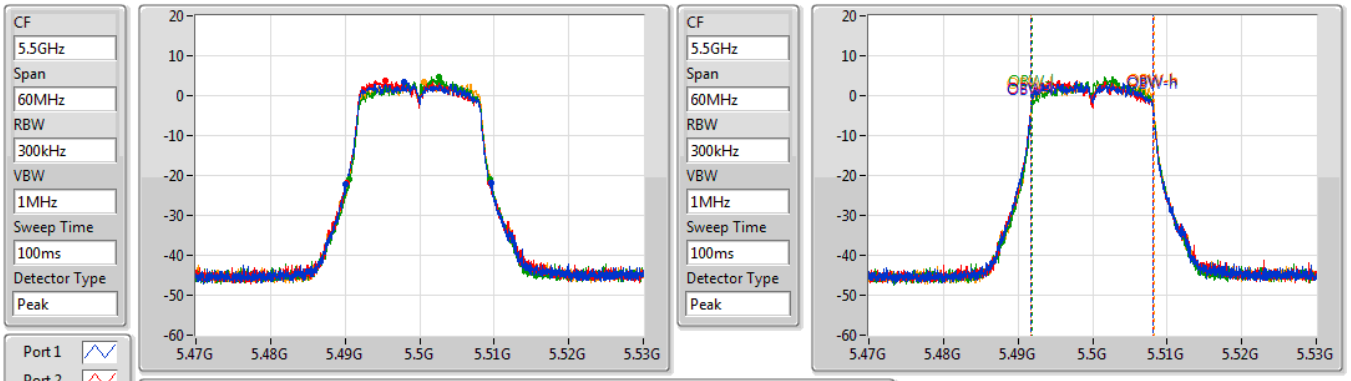


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.17M	5.31031G	5.32948G	16.402M	5.311784G	5.328186G	Inf	1
19.77M	5.31019G	5.32996G	16.582M	5.311694G	5.328276G	Inf	2
19.77M	5.31013G	5.3299G	16.552M	5.311724G	5.328276G	Inf	3
19.71M	5.31004G	5.32975G	16.432M	5.311754G	5.328186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

02/08/2022

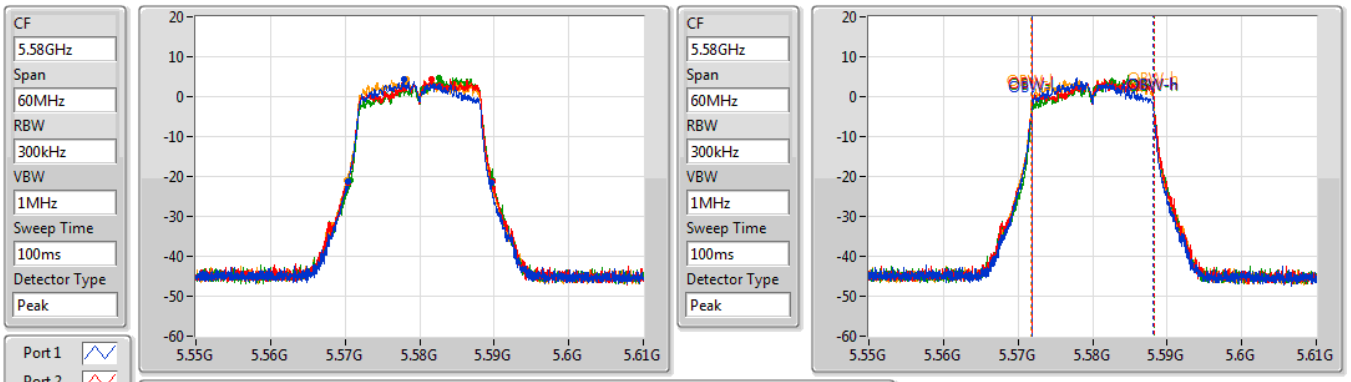


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.56M	5.49013G	5.50969G	16.402M	5.491724G	5.508126G	Inf	1
19.14M	5.49025G	5.50939G	16.402M	5.491694G	5.508096G	Inf	2
18.81M	5.49058G	5.50939G	16.282M	5.491874G	5.508156G	Inf	3
19.35M	5.49022G	5.50957G	16.432M	5.491784G	5.508216G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

02/08/2022

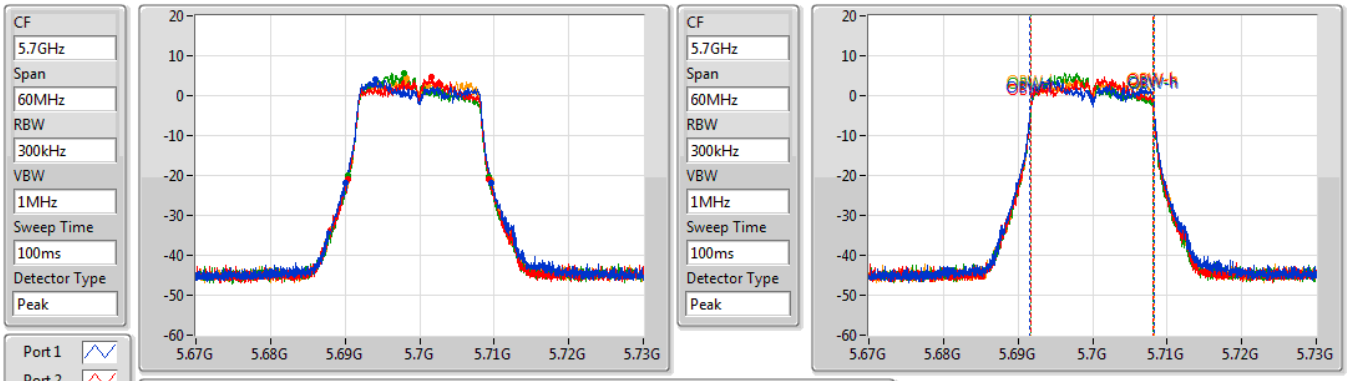


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.2M	5.5704G	5.5896G	16.342M	5.571814G	5.588156G	Inf	1
19.35M	5.57037G	5.58972G	16.492M	5.571814G	5.588306G	Inf	2
19.11M	5.5707G	5.58981G	16.372M	5.571934G	5.588306G	Inf	3
19.32M	5.57025G	5.58957G	16.432M	5.571784G	5.588216G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

02/08/2022

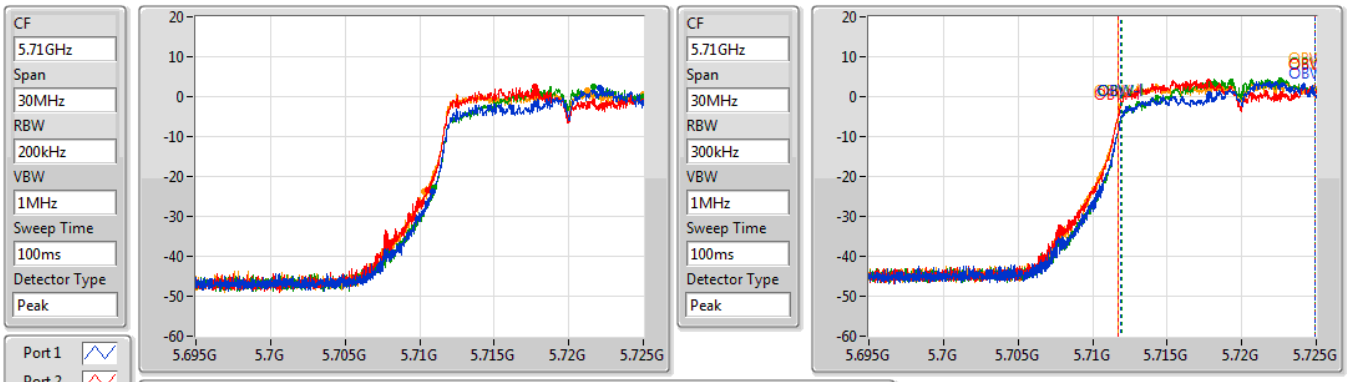


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.65M	5.69001G	5.70966G	16.612M	5.691634G	5.708246G	Inf	1
18.99M	5.69034G	5.70933G	16.432M	5.691724G	5.708156G	Inf	2
18.78M	5.69046G	5.70924G	16.282M	5.691784G	5.708066G	Inf	3
19.38M	5.69022G	5.7096G	16.432M	5.691784G	5.708216G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

02/08/2022

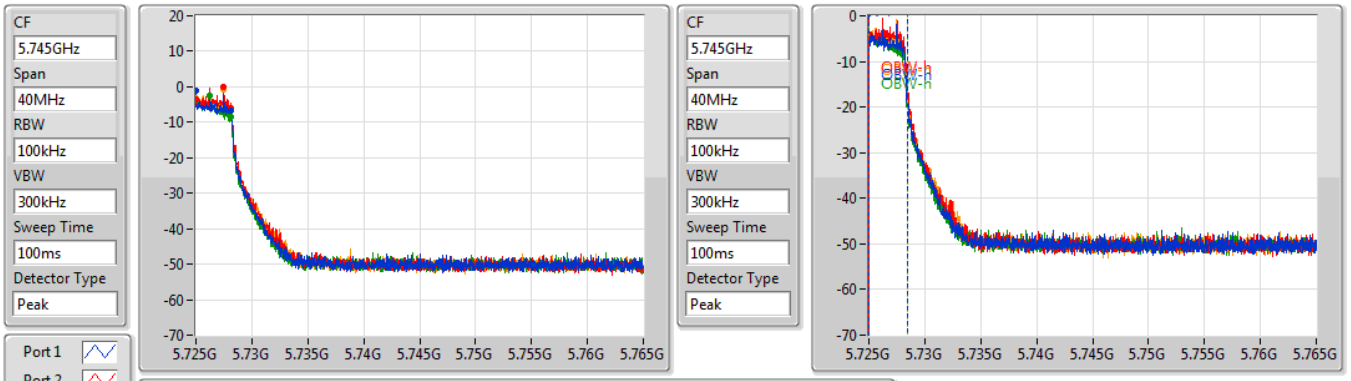


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.115M	5.710885G	5.725G	13.043M	5.711889G	5.724933G	Inf	1
14.445M	5.710555G	5.725G	13.238M	5.711694G	5.724933G	Inf	2
14.04M	5.71096G	5.725G	12.954M	5.711979G	5.724933G	Inf	3
14.67M	5.71033G	5.725G	13.238M	5.711709G	5.724948G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

02/08/2022

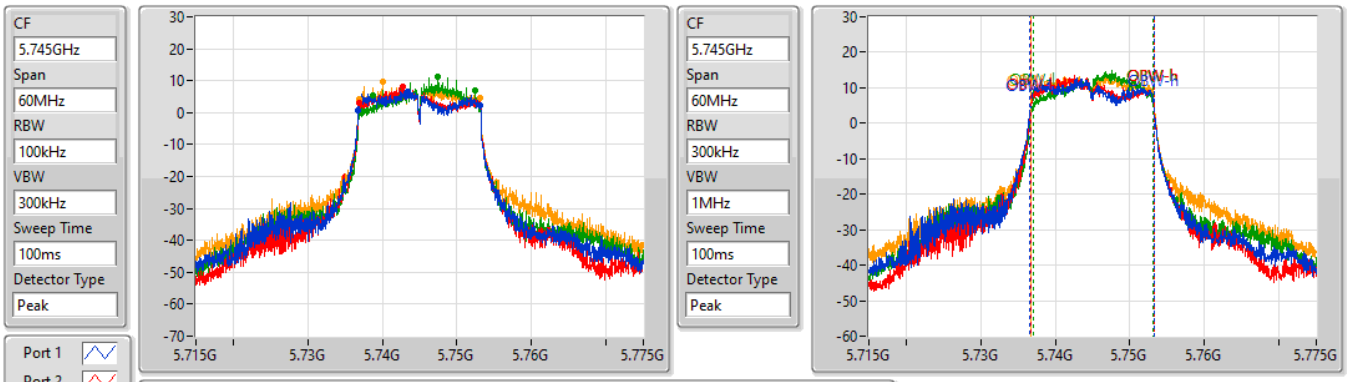


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.14M	5.725G	5.72814G	3.458M	5.72501G	5.728468G	500k	1
3.16M	5.725G	5.72816G	3.478M	5.72501G	5.728488G	500k	2
3.14M	5.725G	5.72814G	3.418M	5.72501G	5.728428G	500k	3
3.16M	5.725G	5.72816G	3.458M	5.72501G	5.728468G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5745MHz

30/05/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.44M	5.73672G	5.75316G	16.574M	5.736621G	5.753194G	500k	1
16.32M	5.73684G	5.75316G	16.447M	5.73675G	5.753197G	500k	2
13.74M	5.738876G	5.7525G	16.125M	5.736985G	5.75311G	500k	3
16.29M	5.73684G	5.75313G	16.429M	5.736765G	5.753195G	500k	4

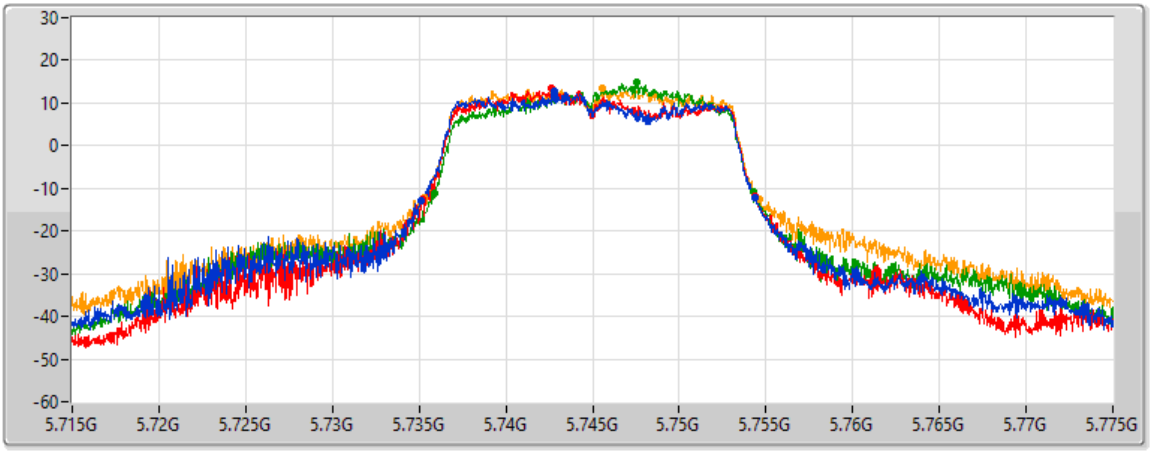
802.11a_Nss1,(6Mbps)_4TX EBW

5745MHz

30/05/2023

CF	5.745GHz
Span	60MHz
RBW	300kHz
VBW	1MHz
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
19.26M	5.73513G	5.75439G	Inf	1
19.23M	5.73516G	5.75439G	Inf	2
18.36M	5.73588G	5.75424G	Inf	3
19.35M	5.73525G	5.7546G	Inf	4

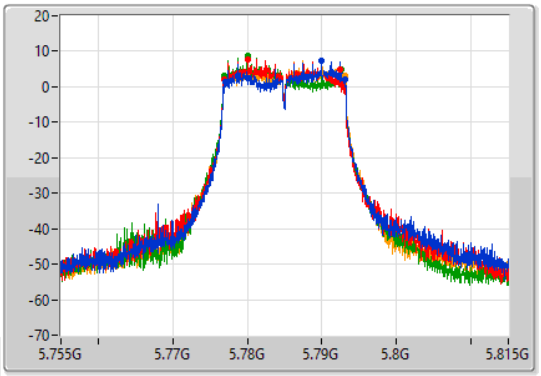
802.11a_Nss1,(6Mbps)_4TX EBW

5785MHz

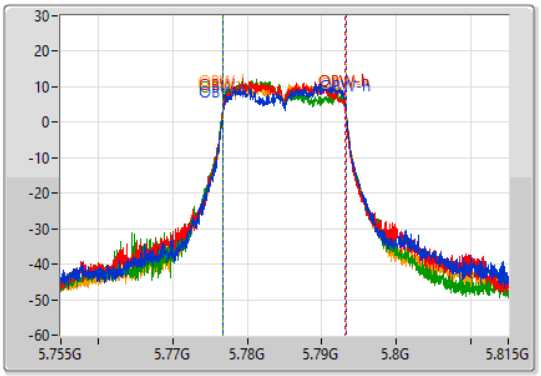
30/05/2023

CF	5.785GHz
Span	60MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak

Port 1
Port 2
Port 3
Port 4



CF	5.785GHz
Span	60MHz
RBW	300kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak

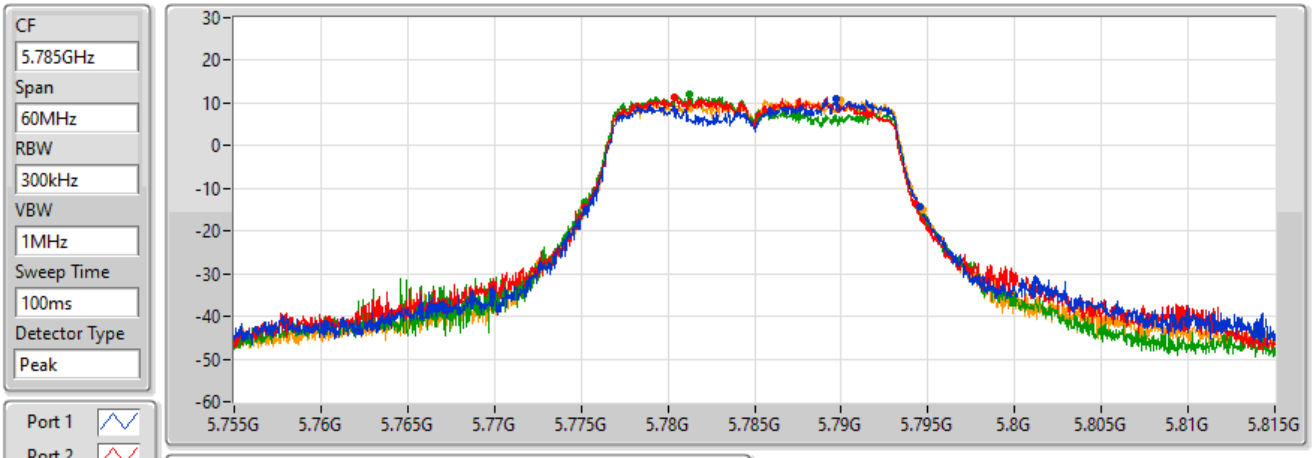


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.02M	5.77711G	5.79313G	16.457M	5.776768G	5.793225G	500k	1
15.63M	5.77687G	5.7925G	16.292M	5.776776G	5.793068G	500k	2
15.69M	5.77684G	5.79253G	16.494M	5.776664G	5.793159G	500k	3
16.32M	5.77684G	5.79316G	16.462M	5.776772G	5.793234G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5785MHz

30/05/2023

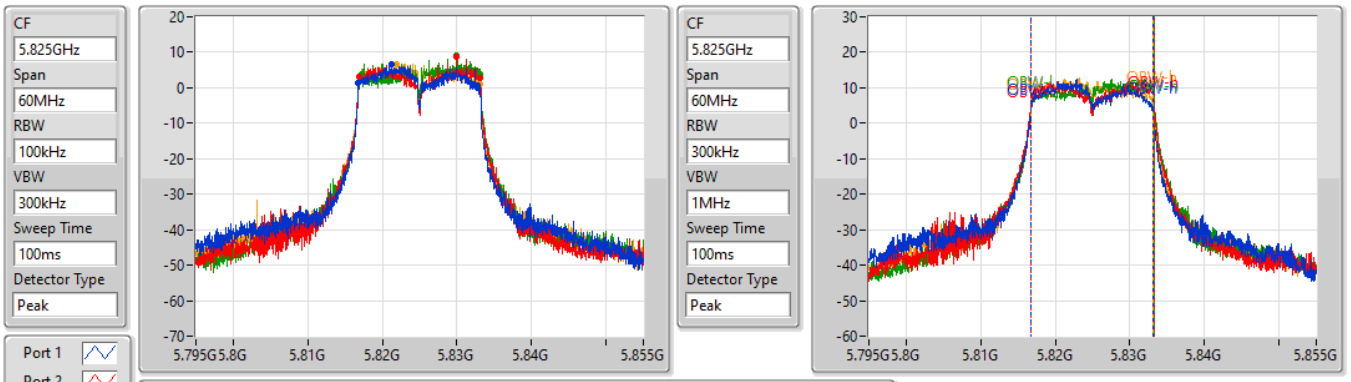


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
19.23M	5.77531G	5.79454G	Inf	1
19.05M	5.77519G	5.79424G	Inf	2
19.17M	5.77519G	5.79436G	Inf	3
19.59M	5.77513G	5.79472G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5825MHz

30/05/2023

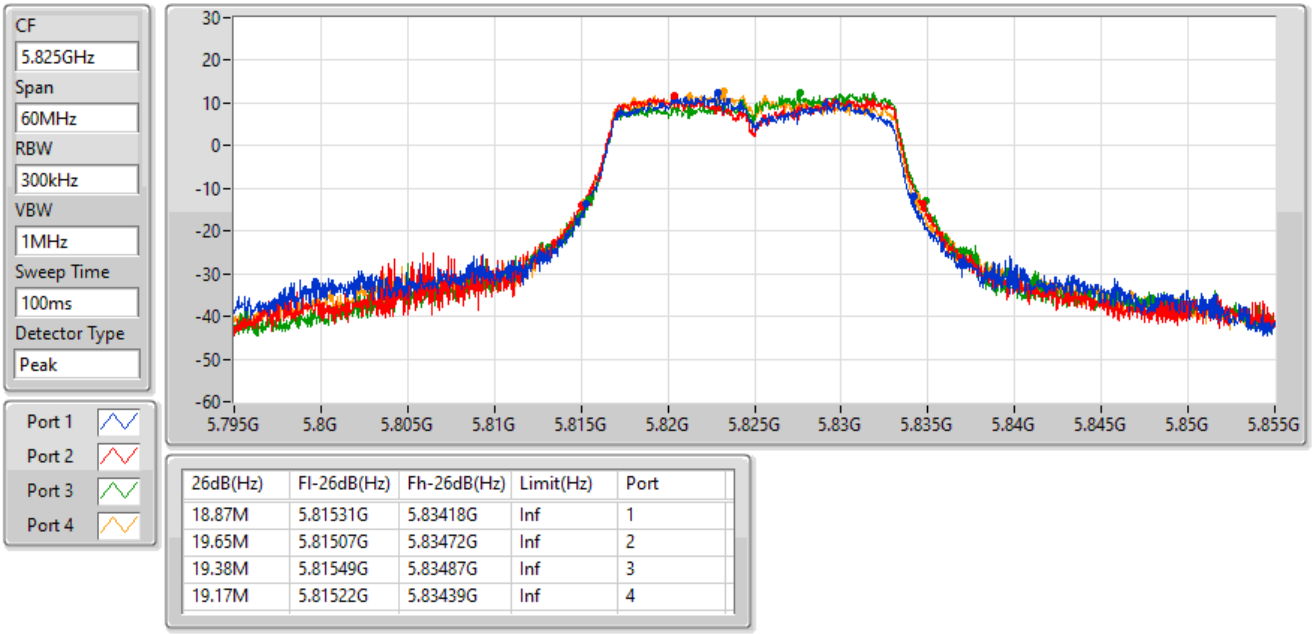


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.93M	5.81681G	5.83274G	16.331M	5.816724G	5.833055G	500k	1
16.32M	5.81684G	5.83316G	16.596M	5.816662G	5.833258G	500k	2
15.93M	5.81723G	5.83316G	16.509M	5.816786G	5.833296G	500k	3
16.38M	5.81678G	5.83316G	16.408M	5.816726G	5.833134G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5825MHz

30/05/2023

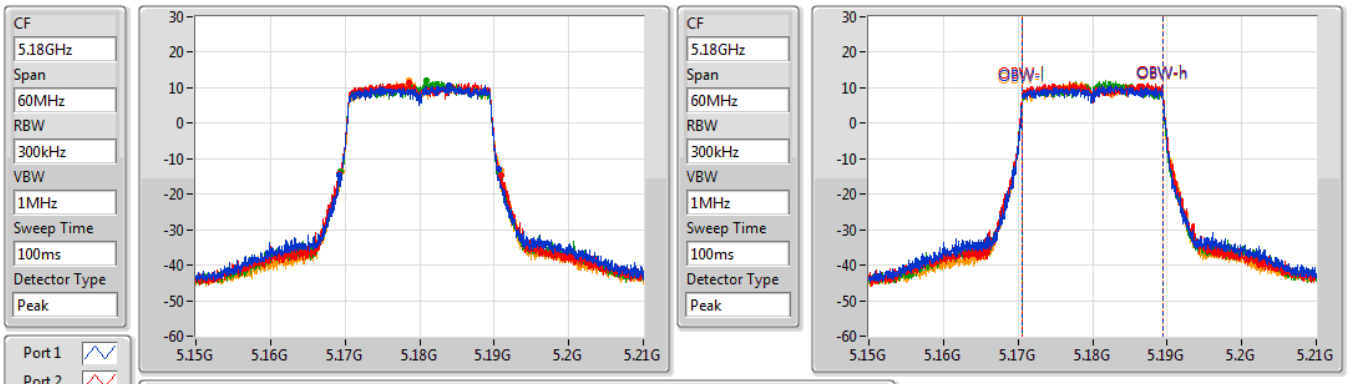


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
18.87M	5.81531G	5.83418G	Inf	1
19.65M	5.81507G	5.83472G	Inf	2
19.38M	5.81549G	5.83487G	Inf	3
19.17M	5.81522G	5.83439G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5180MHz

02/08/2022

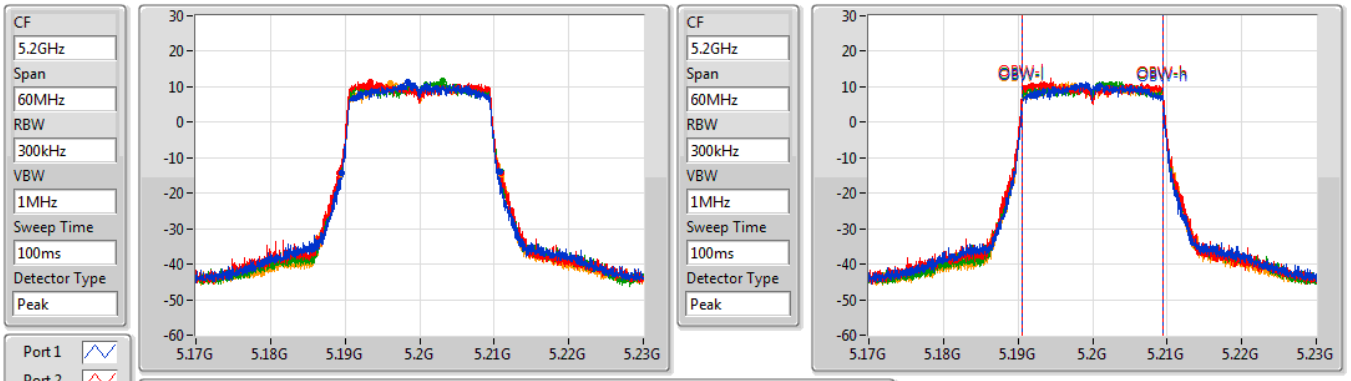


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.36M	5.16929G	5.19065G	18.951M	5.170525G	5.189475G	Inf	1
21.69M	5.16926G	5.19095G	18.981M	5.170525G	5.189505G	Inf	2
21.18M	5.16938G	5.19056G	18.921M	5.170525G	5.189445G	Inf	3
21.36M	5.16953G	5.19089G	18.921M	5.170555G	5.189475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5200MHz

02/08/2022

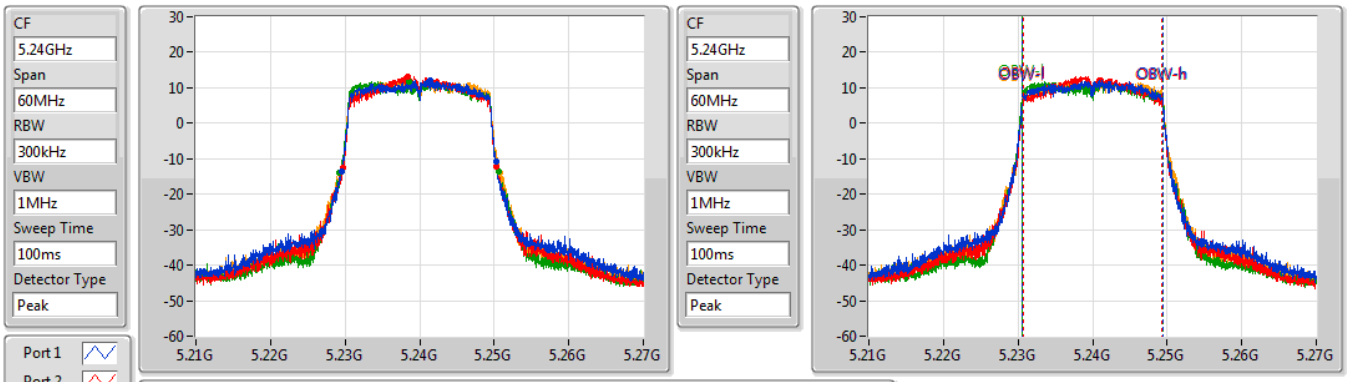


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.12M	5.18962G	5.21074G	18.831M	5.190585G	5.209415G	Inf	1
21.66M	5.18926G	5.21092G	19.01M	5.190495G	5.209505G	Inf	2
21.63M	5.18932G	5.21095G	18.951M	5.190525G	5.209475G	Inf	3
21.48M	5.18944G	5.21092G	18.921M	5.190555G	5.209475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5240MHz

02/08/2022

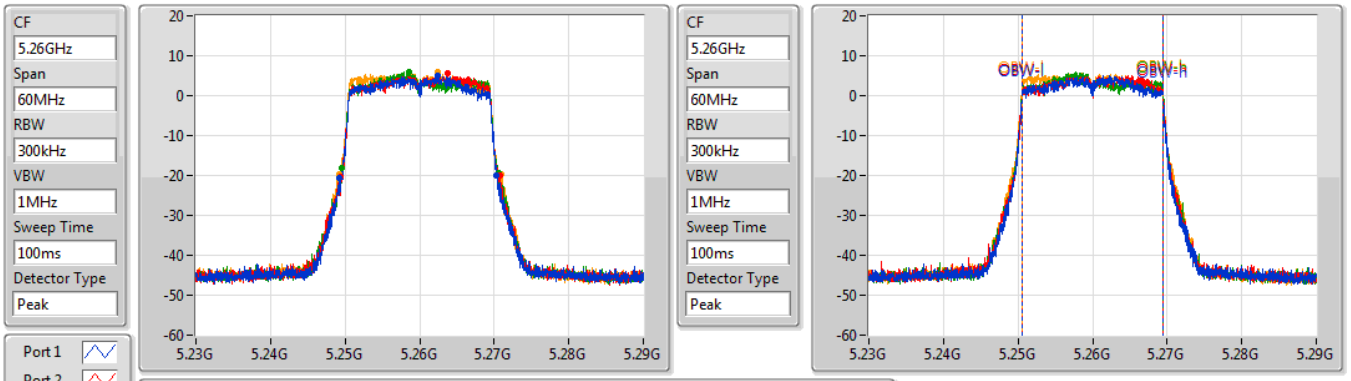


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.85M	5.2295G	5.25035G	18.831M	5.230585G	5.249415G	Inf	1
20.64M	5.22965G	5.25029G	18.711M	5.230645G	5.249355G	Inf	2
21.36M	5.22917G	5.25053G	18.891M	5.230525G	5.249415G	Inf	3
21.66M	5.22917G	5.25083G	18.891M	5.230555G	5.249445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5260MHz

02/08/2022

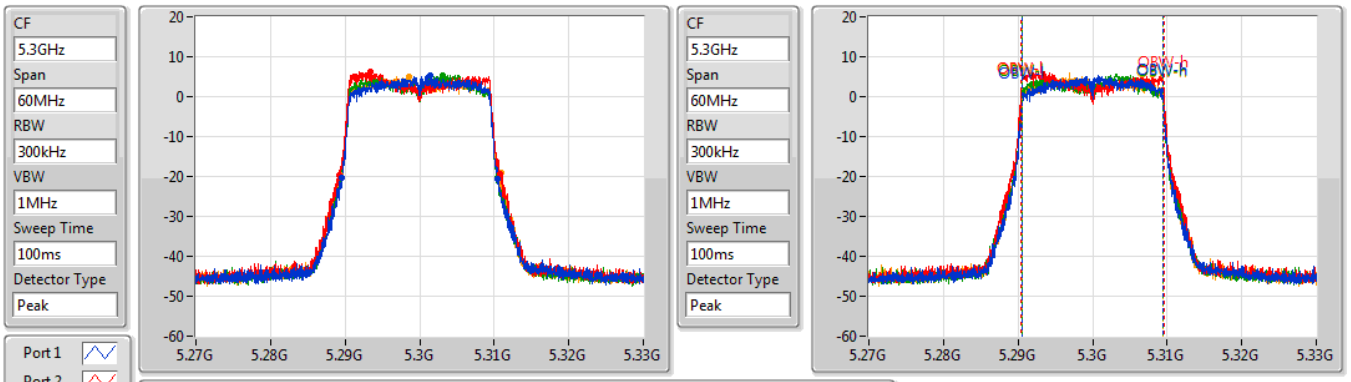


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.15M	5.2492G	5.27035G	18.891M	5.250525G	5.269415G	Inf	1
21.3M	5.24944G	5.27074G	18.891M	5.250555G	5.269445G	Inf	2
21M	5.24956G	5.27056G	18.951M	5.250525G	5.269475G	Inf	3
21.69M	5.24926G	5.27095G	18.951M	5.250495G	5.269445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5300MHz

02/08/2022

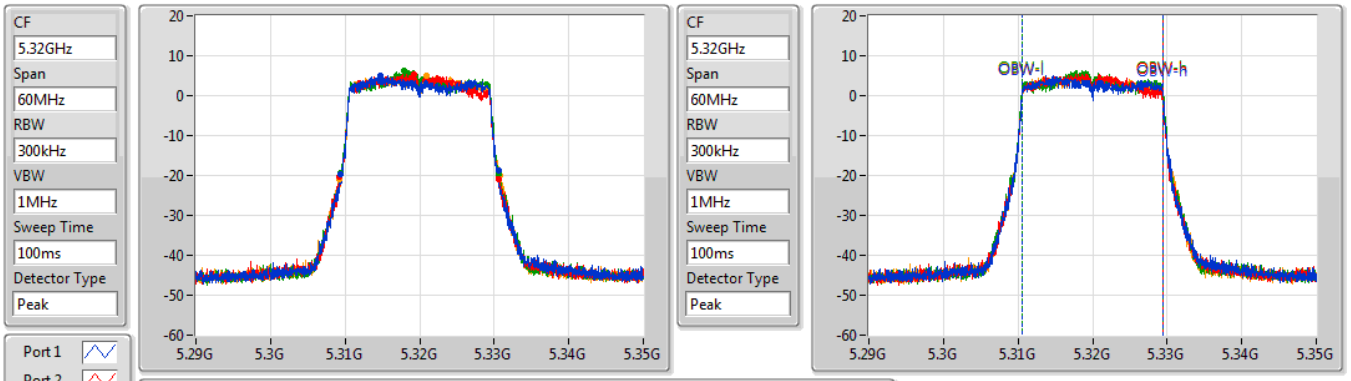


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.94M	5.28953G	5.31047G	18.831M	5.290585G	5.309415G	Inf	1
21.63M	5.2892G	5.31083G	19.1M	5.290435G	5.309535G	Inf	2
21.12M	5.28935G	5.31047G	18.891M	5.290525G	5.309415G	Inf	3
21.54M	5.28944G	5.31098G	18.891M	5.290555G	5.309445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5320MHz

02/08/2022

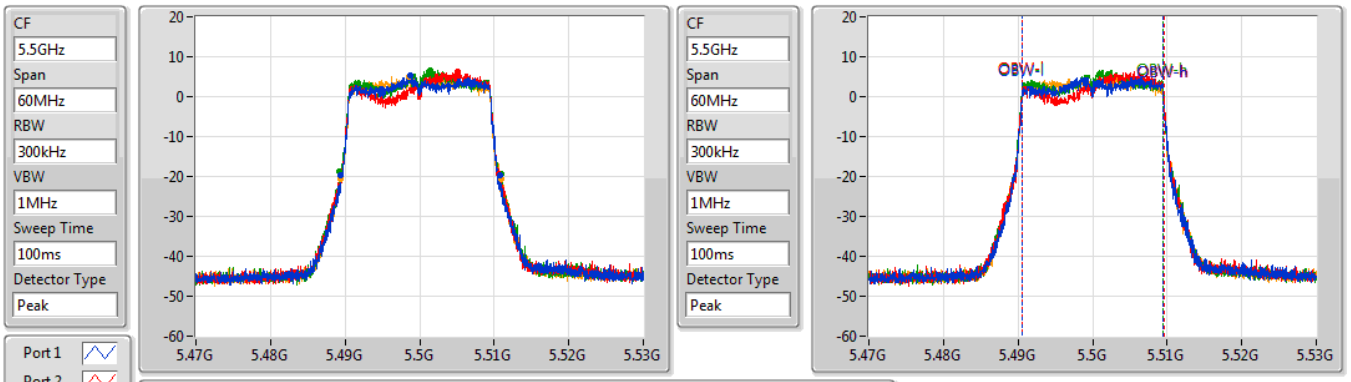


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.21M	5.30935G	5.33056G	18.951M	5.310525G	5.329475G	Inf	1
21.3M	5.30929G	5.33059G	18.861M	5.310555G	5.329415G	Inf	2
21.15M	5.30947G	5.33062G	18.951M	5.310525G	5.329475G	Inf	3
21.66M	5.30917G	5.33083G	18.921M	5.310525G	5.329445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5500MHz

02/08/2022

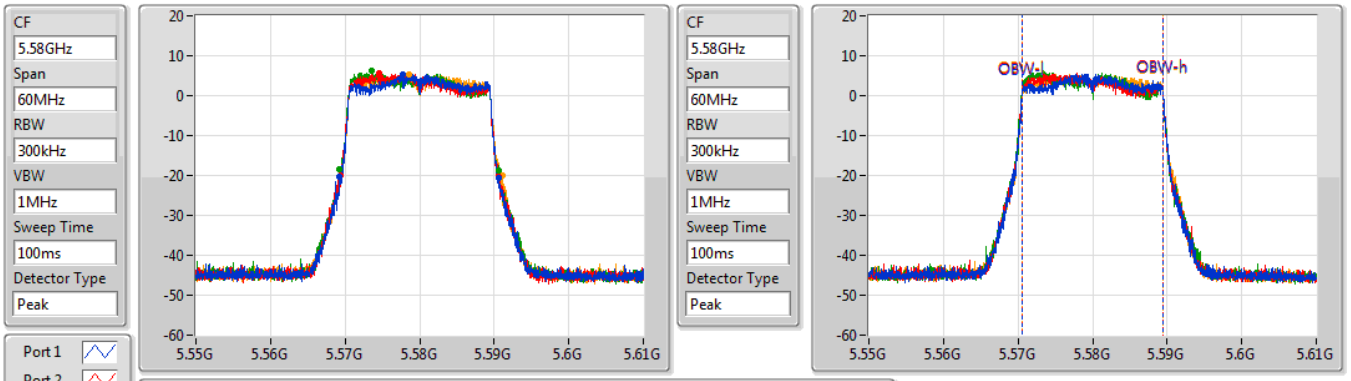


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.48935G	5.51086G	18.951M	5.490555G	5.509505G	Inf	1
21.33M	5.48935G	5.51068G	19.01M	5.490525G	5.509535G	Inf	2
21.75M	5.4892G	5.51095G	19.01M	5.490495G	5.509505G	Inf	3
21.63M	5.48932G	5.51095G	18.921M	5.490555G	5.509475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5580MHz

02/08/2022

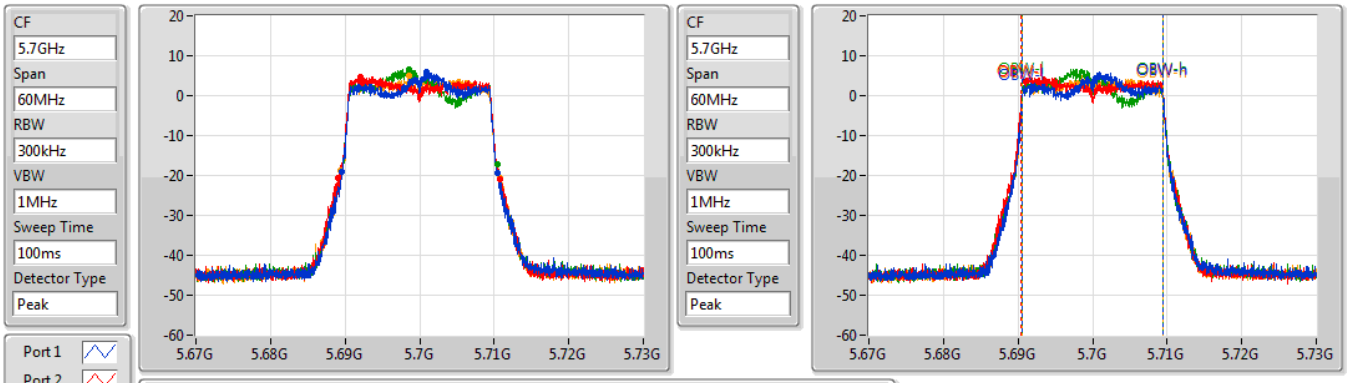


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.24M	5.56929G	5.59053G	18.951M	5.570525G	5.589475G	Inf	1
21.24M	5.56935G	5.59059G	18.921M	5.570525G	5.589445G	Inf	2
21.3M	5.56926G	5.59056G	18.951M	5.570495G	5.589445G	Inf	3
21.81M	5.56926G	5.59107G	18.951M	5.570525G	5.589475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5700MHz

02/08/2022

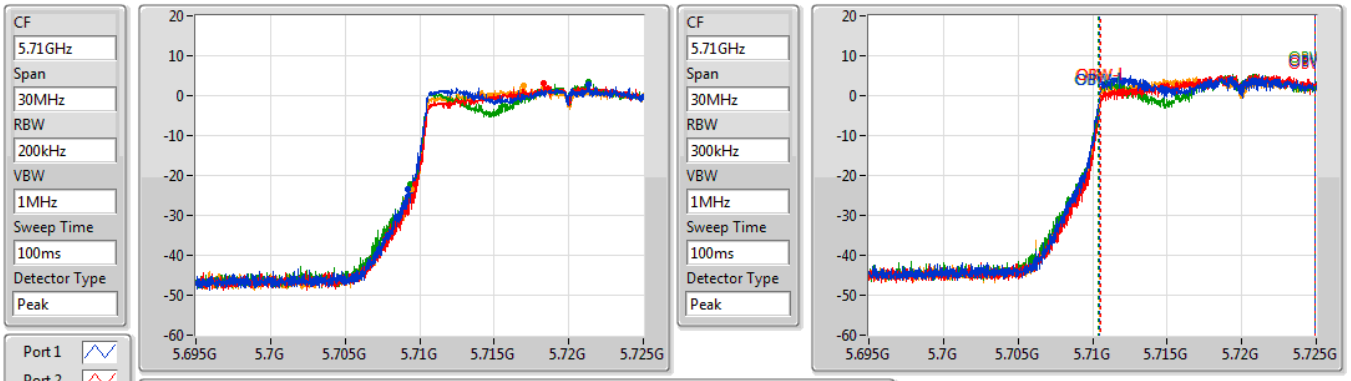


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.82M	5.68956G	5.71038G	18.951M	5.690525G	5.709475G	Inf	1
21.81M	5.68905G	5.71086G	19.04M	5.690465G	5.709505G	Inf	2
20.97M	5.6895G	5.71047G	18.951M	5.690525G	5.709475G	Inf	3
21.33M	5.68944G	5.71077G	18.951M	5.690525G	5.709475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

02/08/2022

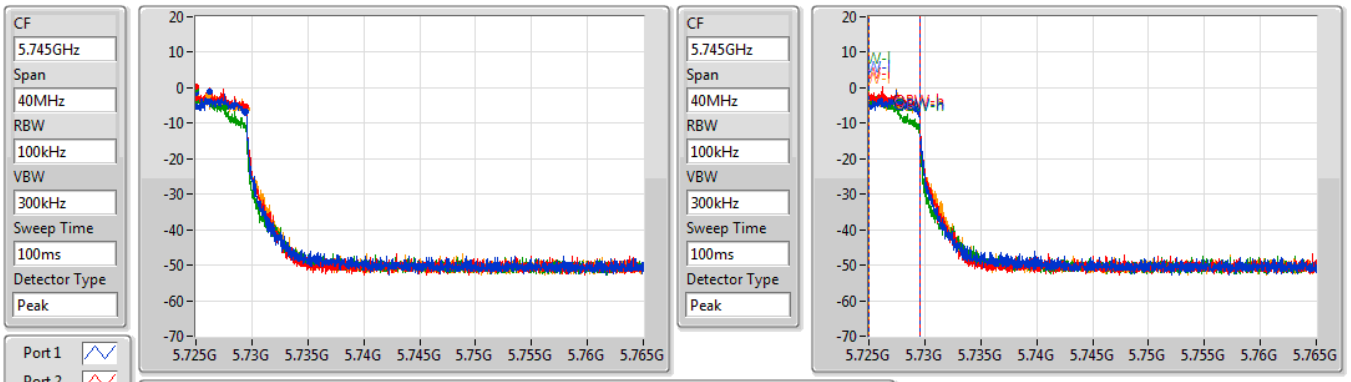


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.78M	5.70922G	5.725G	14.498M	5.71042G	5.724918G	Inf	1
15.255M	5.709745G	5.725G	14.363M	5.710555G	5.724918G	Inf	2
15.63M	5.70937G	5.725G	14.528M	5.710405G	5.724933G	Inf	3
15.51M	5.70949G	5.725G	14.438M	5.71048G	5.724918G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

02/08/2022

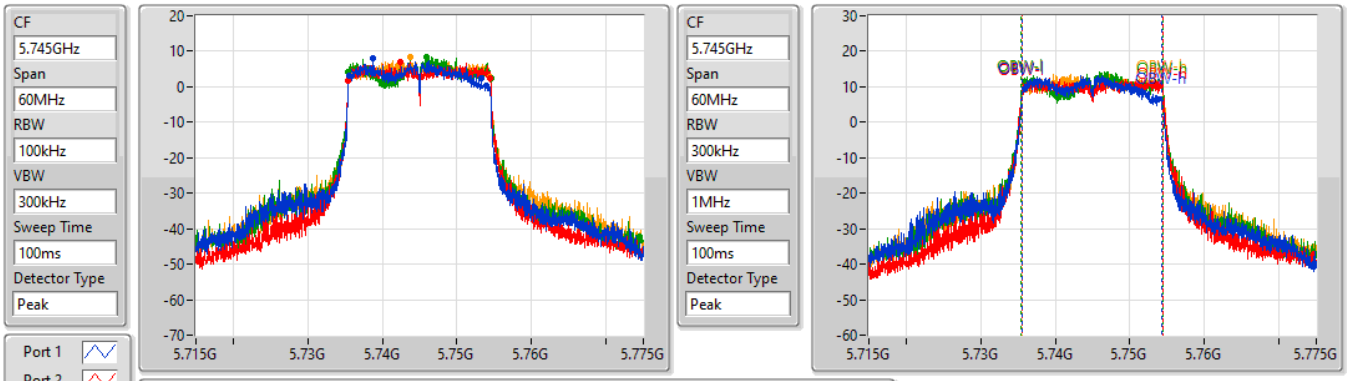


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.44M	5.725G	5.72944G	4.578M	5.72501G	5.729588G	500k	1
4.44M	5.725G	5.72944G	4.558M	5.72503G	5.729588G	500k	2
2.58M	5.725G	5.72758G	4.518M	5.72501G	5.729528G	500k	3
4.52M	5.725G	5.72952G	4.578M	5.72503G	5.729608G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5745MHz

30/05/2023

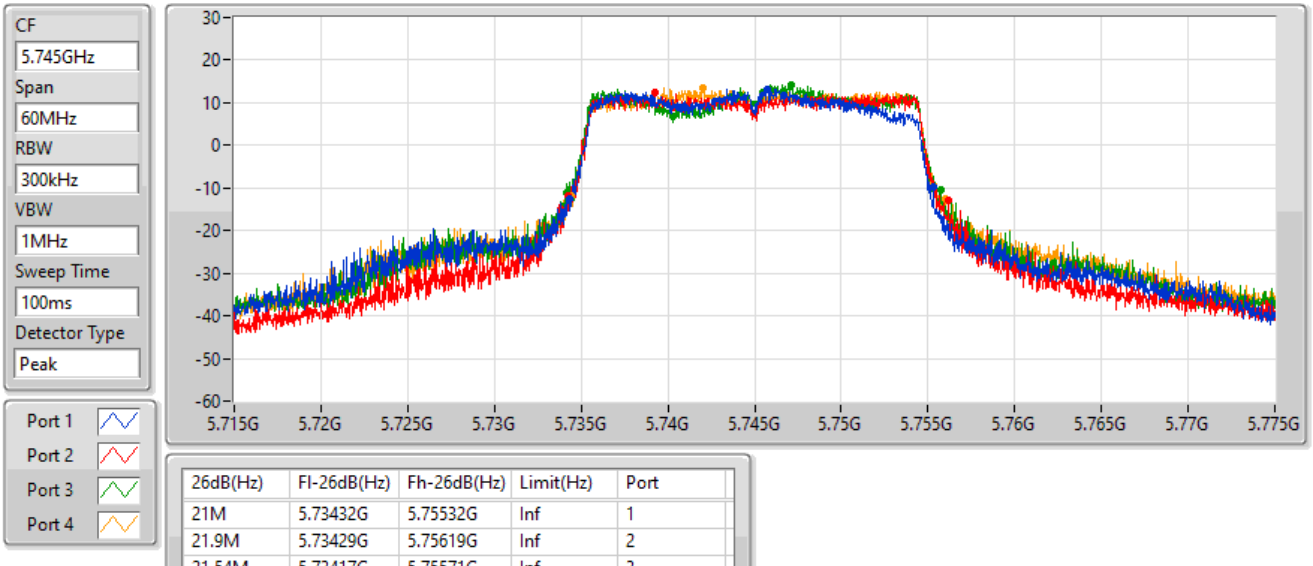


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.64M	5.73555G	5.75319G	18.826M	5.73551G	5.754336G	500k	1
19.05M	5.73546G	5.75451G	19.025M	5.735483G	5.754508G	500k	2
19.08M	5.73546G	5.75454G	19.082M	5.735418G	5.7545G	500k	3
19.02M	5.73549G	5.75451G	18.973M	5.735512G	5.754485G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5745MHz

30/05/2023

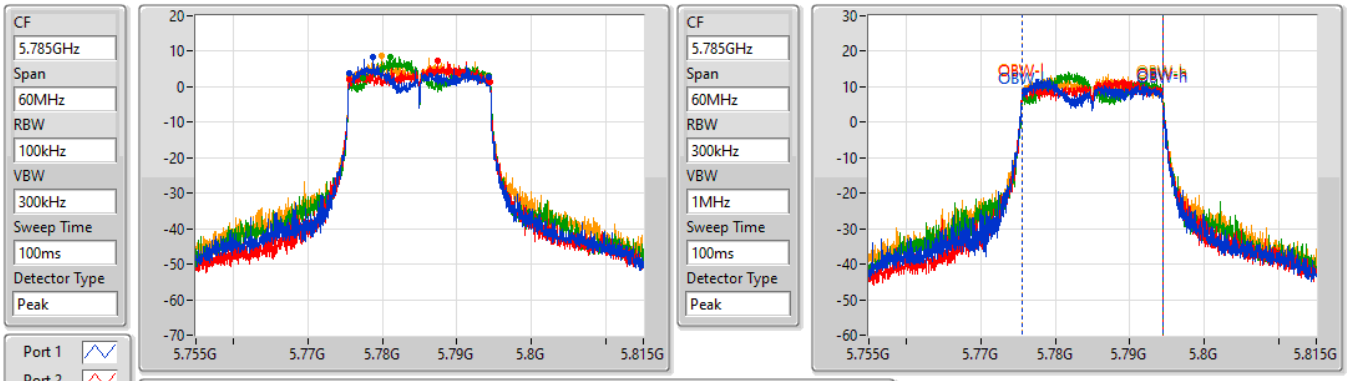


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
21M	5.73432G	5.75532G	Inf	1
21.9M	5.73429G	5.75619G	Inf	2
21.54M	5.73417G	5.75571G	Inf	3
21.57M	5.73441G	5.75598G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5785MHz

30/05/2023

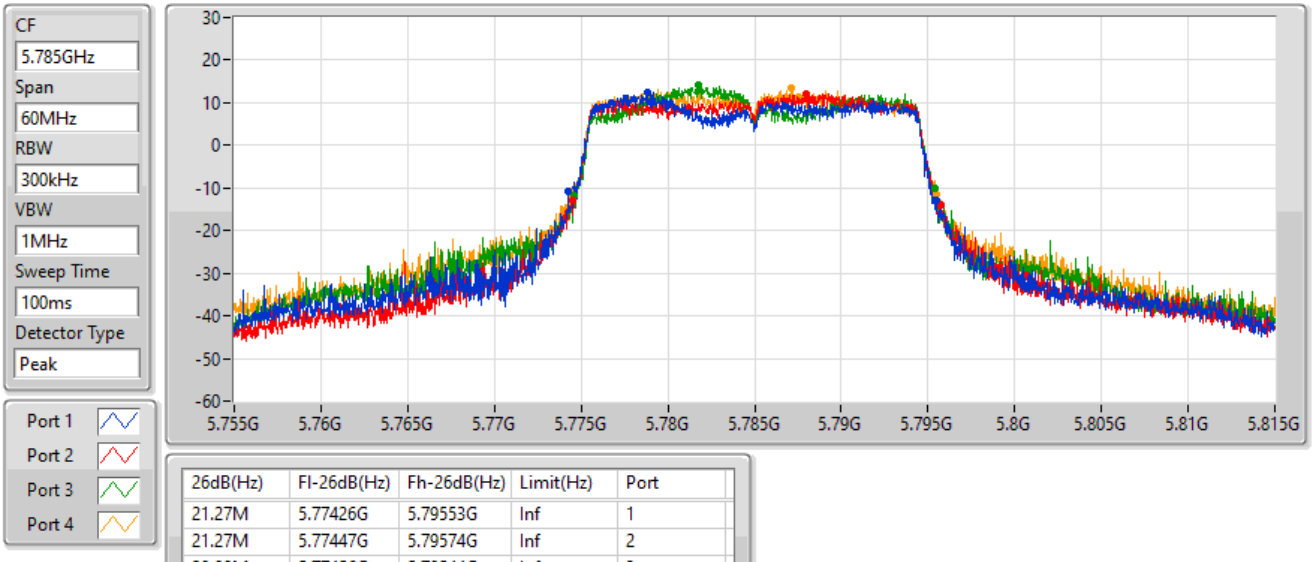


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.63M	5.77564G	5.79427G	18.962M	5.775489G	5.794451G	500k	1
18.9M	5.77552G	5.79442G	18.953M	5.77551G	5.794463G	500k	2
16.77M	5.77744G	5.79421G	18.851M	5.775602G	5.794453G	500k	3
18.42M	5.77564G	5.79406G	18.907M	5.77553G	5.794437G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5785MHz

30/05/2023

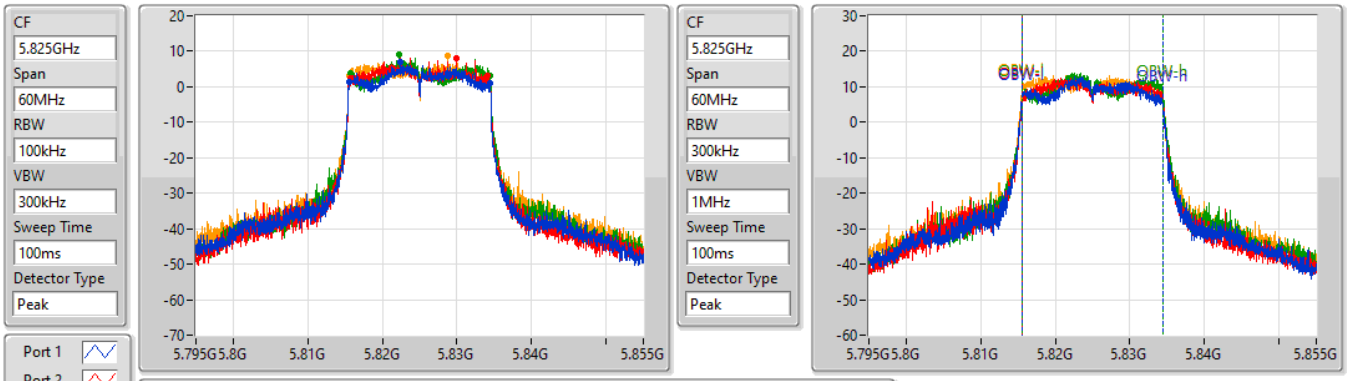


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
21.27M	5.77426G	5.79553G	Inf	1
21.27M	5.77447G	5.79574G	Inf	2
20.88M	5.77456G	5.79544G	Inf	3
21.21M	5.77432G	5.79553G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5825MHz

30/05/2023

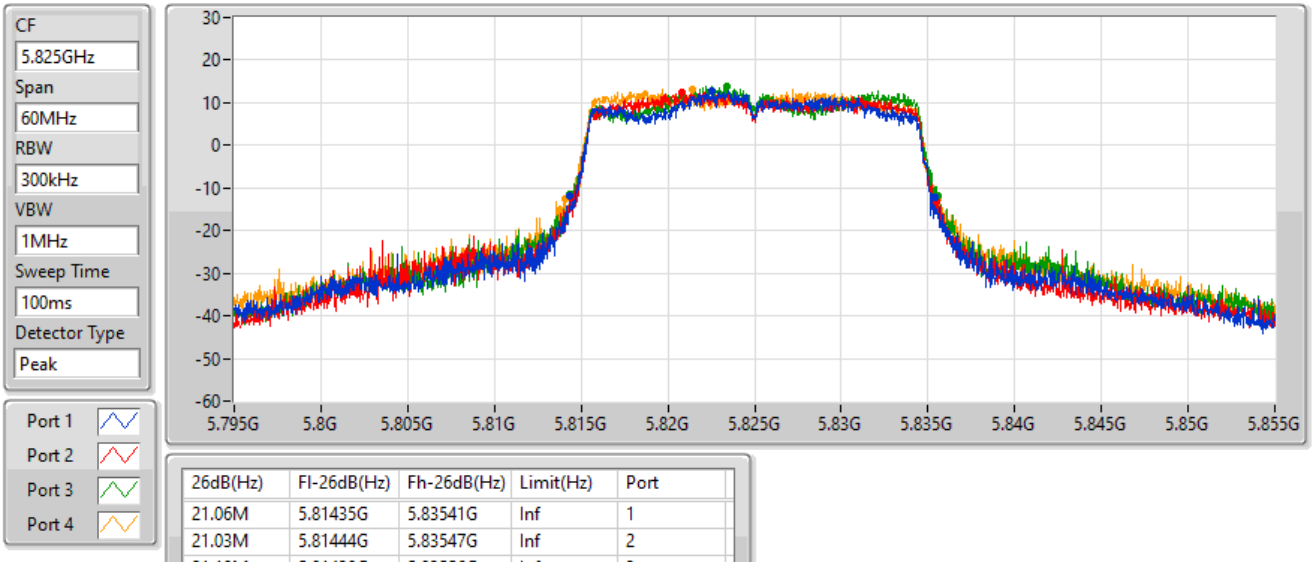


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.84M	5.81552G	5.83436G	18.862M	5.815523G	5.834386G	500k	1
18.45M	5.81573G	5.83418G	18.864M	5.815543G	5.834408G	500k	2
18.78M	5.8157G	5.83448G	18.943M	5.815538G	5.834481G	500k	3
18.78M	5.81549G	5.83427G	18.93M	5.815493G	5.834423G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5825MHz

30/05/2023

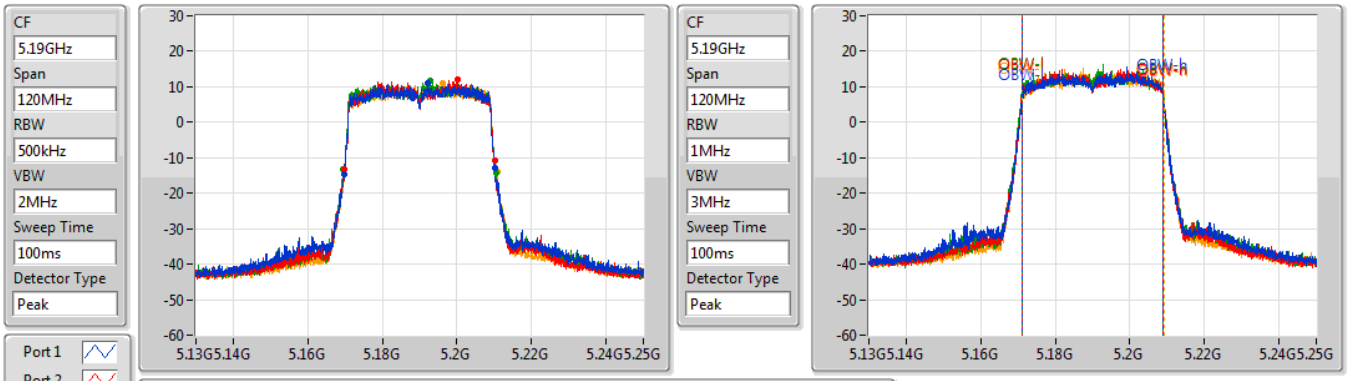


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
21.06M	5.81435G	5.83541G	Inf	1
21.03M	5.81444G	5.83547G	Inf	2
21.18M	5.81438G	5.83556G	Inf	3
21.51M	5.81408G	5.83559G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5190MHz

02/08/2022

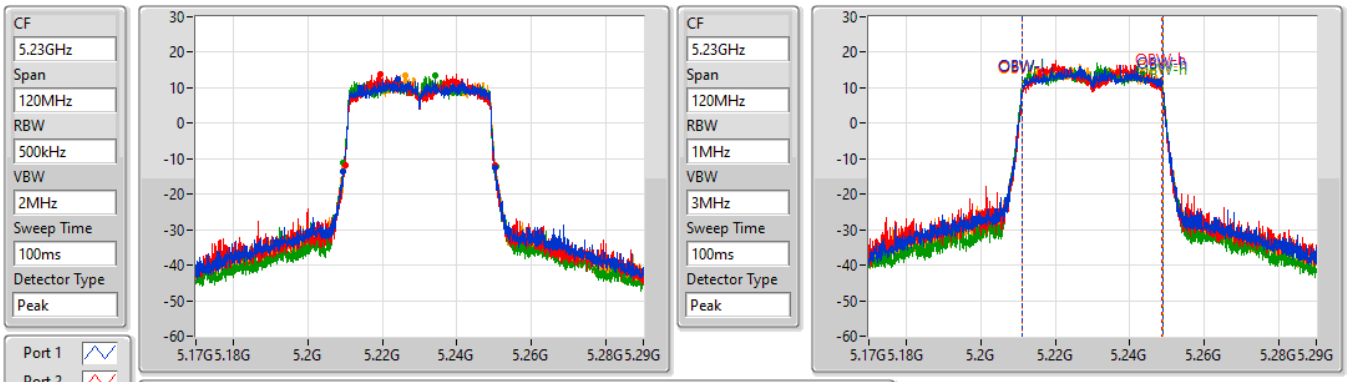


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.56M	5.16972G	5.21028G	37.721M	5.171109G	5.208831G	Inf	1
40.32M	5.1699G	5.21022G	37.661M	5.171169G	5.208831G	Inf	2
40.98M	5.16942G	5.2104G	37.961M	5.17099G	5.208951G	Inf	3
40.92M	5.16984G	5.21076G	37.841M	5.171229G	5.20907G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5230MHz

30/05/2023

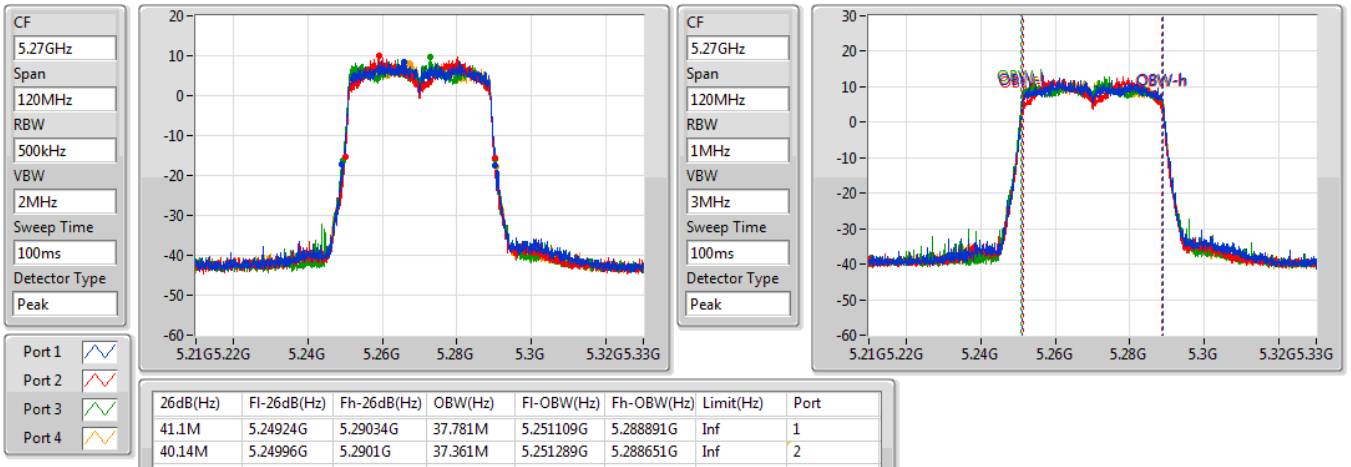


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.20942G	5.25022G	37.802M	5.211091G	5.248892G	Inf	1
40.14M	5.20996G	5.2501G	37.453M	5.211253G	5.248706G	Inf	2
41.04M	5.20942G	5.25046G	37.866M	5.210996G	5.248862G	Inf	3
40.56M	5.20966G	5.25022G	37.797M	5.211114G	5.248911G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5270MHz

09/08/2022

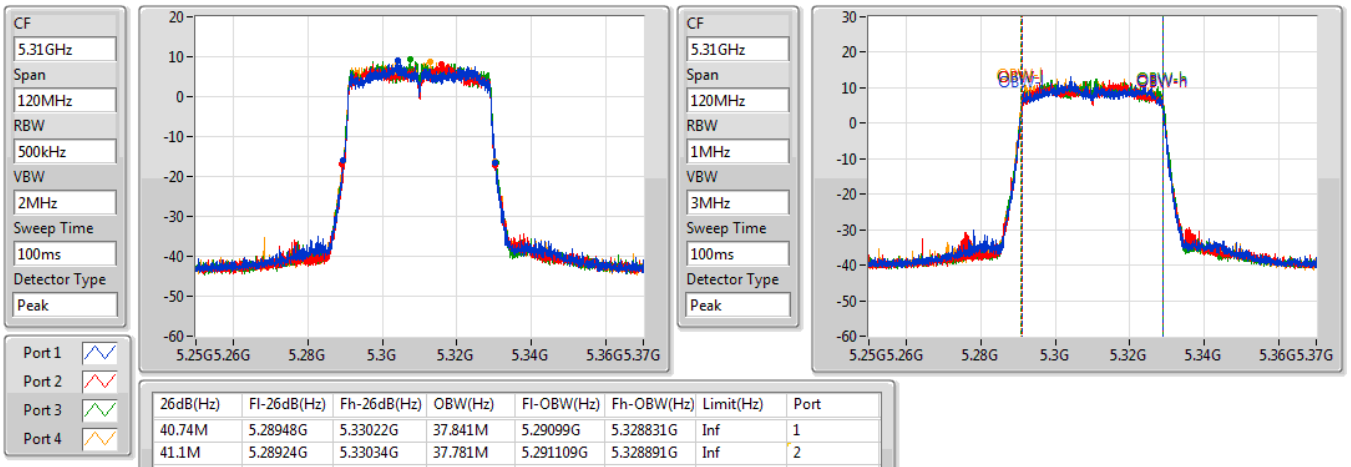


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.1M	5.24924G	5.29034G	37.781M	5.251109G	5.288891G	Inf	1
40.14M	5.24996G	5.2901G	37.361M	5.251289G	5.288651G	Inf	2
40.68M	5.24954G	5.29022G	37.901M	5.25093G	5.288831G	Inf	3
40.86M	5.2496G	5.29046G	37.901M	5.251049G	5.288951G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5310MHz

03/08/2022

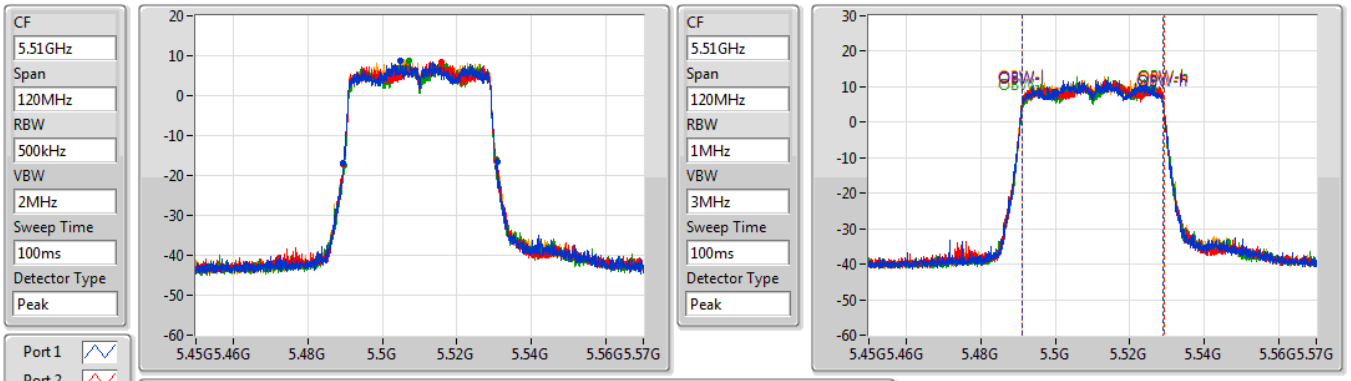


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.28948G	5.33022G	37.841M	5.29099G	5.328831G	Inf	1
41.1M	5.28924G	5.33034G	37.781M	5.291109G	5.328891G	Inf	2
41.04M	5.2896G	5.33064G	38.081M	5.29093G	5.32901G	Inf	3
40.74M	5.28948G	5.33022G	38.021M	5.29093G	5.328951G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5510MHz

03/08/2022

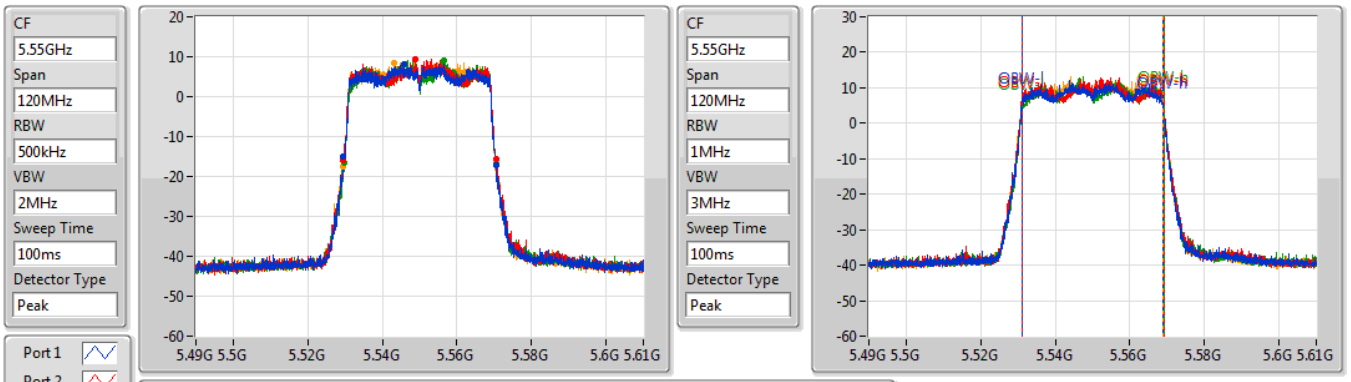


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.4M	5.48936G	5.53076G	37.841M	5.491109G	5.528951G	Inf	1
41.1M	5.48948G	5.53058G	38.021M	5.491049G	5.52907G	Inf	2
40.68M	5.48978G	5.53046G	37.841M	5.491229G	5.52907G	Inf	3
40.92M	5.4896G	5.53052G	37.961M	5.491049G	5.52901G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5550MHz

09/08/2022

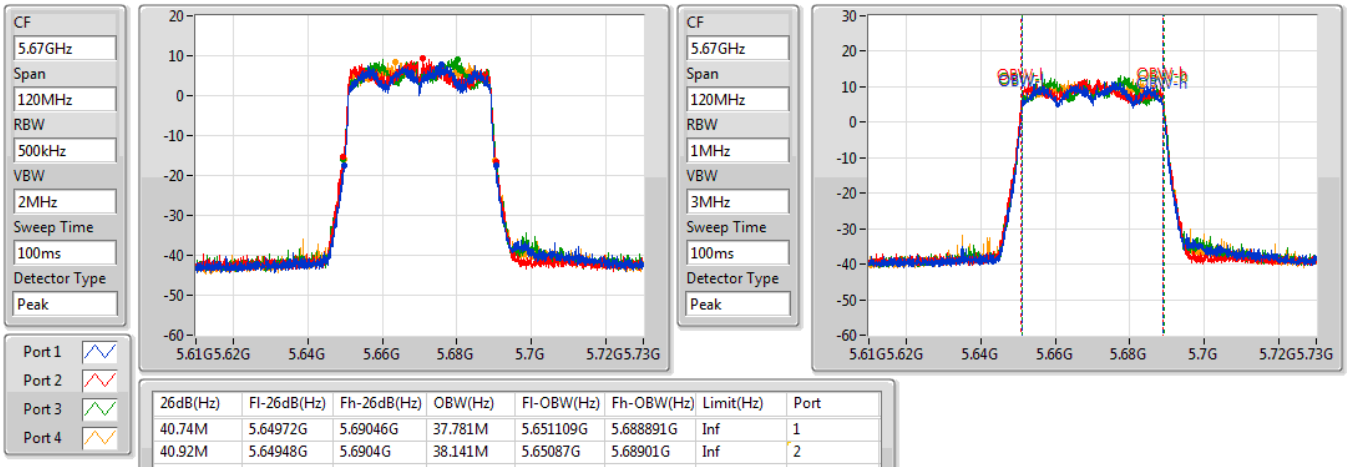


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.5296G	5.5704G	37.901M	5.531049G	5.568951G	Inf	1
40.98M	5.52942G	5.5704G	38.081M	5.53099G	5.56907G	Inf	2
40.74M	5.52978G	5.57052G	37.841M	5.531229G	5.56907G	Inf	3
41.04M	5.52948G	5.57052G	37.961M	5.531049G	5.56901G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5670MHz

09/08/2022

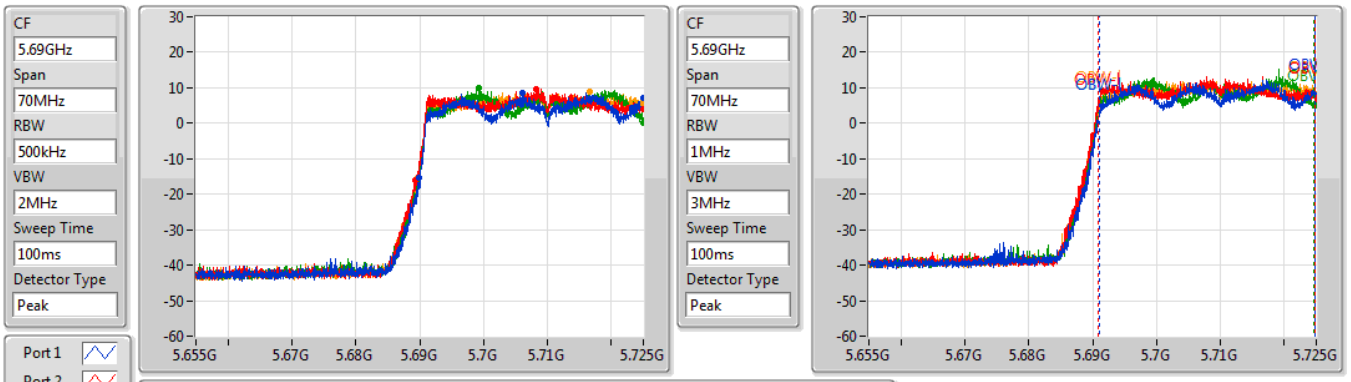


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.64972G	5.69046G	37.781M	5.651109G	5.688891G	Inf	1
40.92M	5.64948G	5.6904G	38.141M	5.65087G	5.68901G	Inf	2
40.92M	5.6496G	5.69052G	37.901M	5.651169G	5.68907G	Inf	3
40.68M	5.64966G	5.69034G	37.961M	5.651049G	5.68901G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

03/08/2022

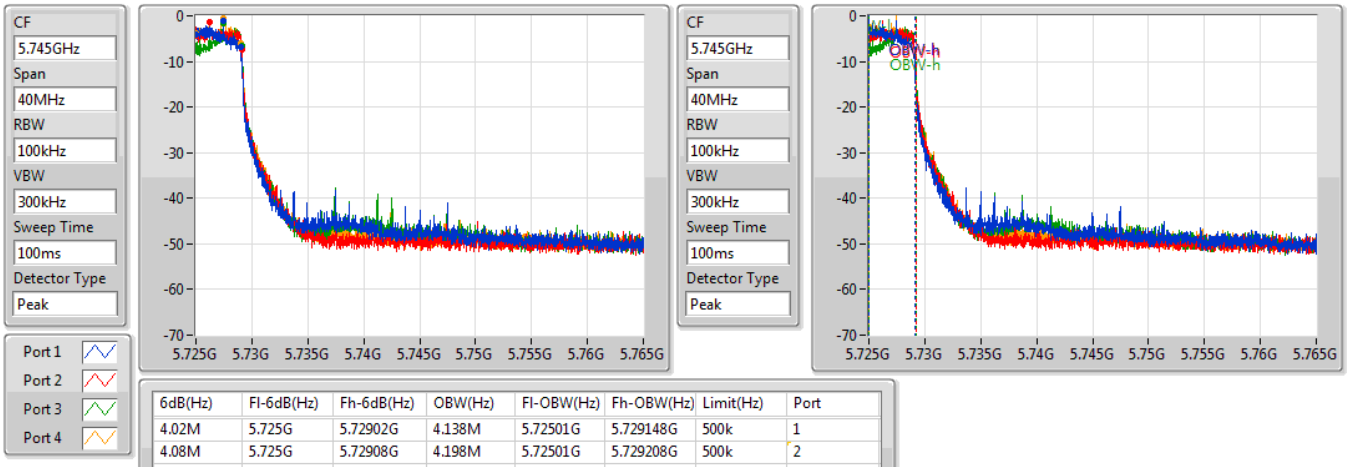


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.175M	5.689825G	5.725G	33.723M	5.691119G	5.724843G	Inf	1
35.63M	5.68937G	5.725G	33.933M	5.69084G	5.724773G	Inf	2
35.21M	5.68979G	5.725G	33.513M	5.691049G	5.724563G	Inf	3
35.525M	5.689475G	5.725G	33.793M	5.691014G	5.724808G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

03/08/2022

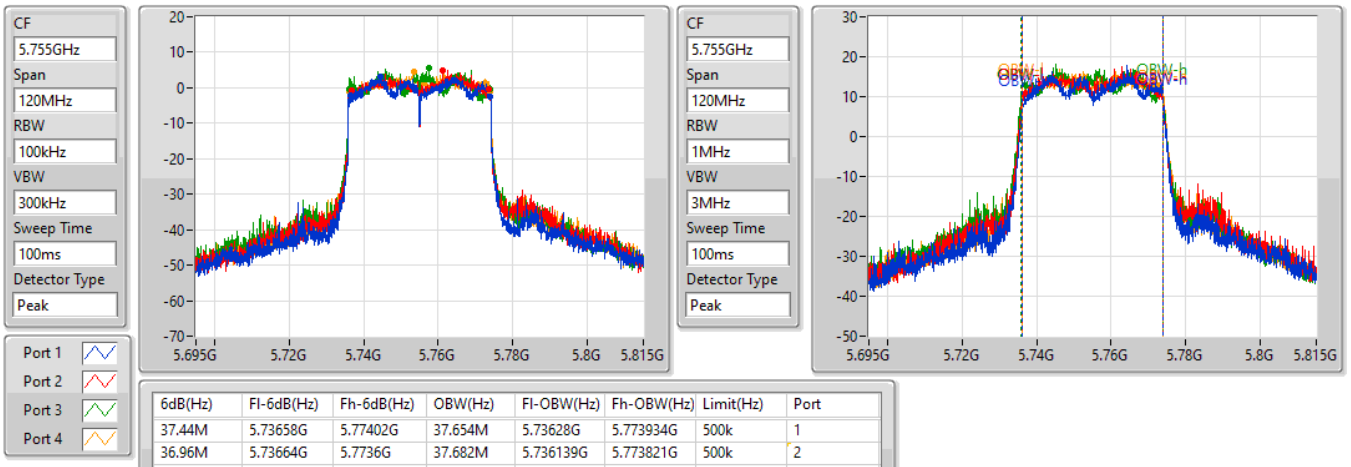


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.02M	5.725G	5.72902G	4.138M	5.72501G	5.729148G	500k	1
4.08M	5.725G	5.72908G	4.198M	5.72501G	5.729208G	500k	2
4.08M	5.725G	5.72908G	4.238M	5.72503G	5.729268G	500k	3
4.06M	5.725G	5.72906G	4.178M	5.72501G	5.729188G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5755MHz

30/05/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.44M	5.73658G	5.77402G	37.654M	5.73628G	5.773934G	500k	1
36.96M	5.73664G	5.7736G	37.682M	5.736139G	5.773821G	500k	2
37.92M	5.73598G	5.7739G	38.041M	5.735844G	5.773885G	500k	3
38.04M	5.73598G	5.77402G	38.015M	5.736034G	5.774049G	500k	4

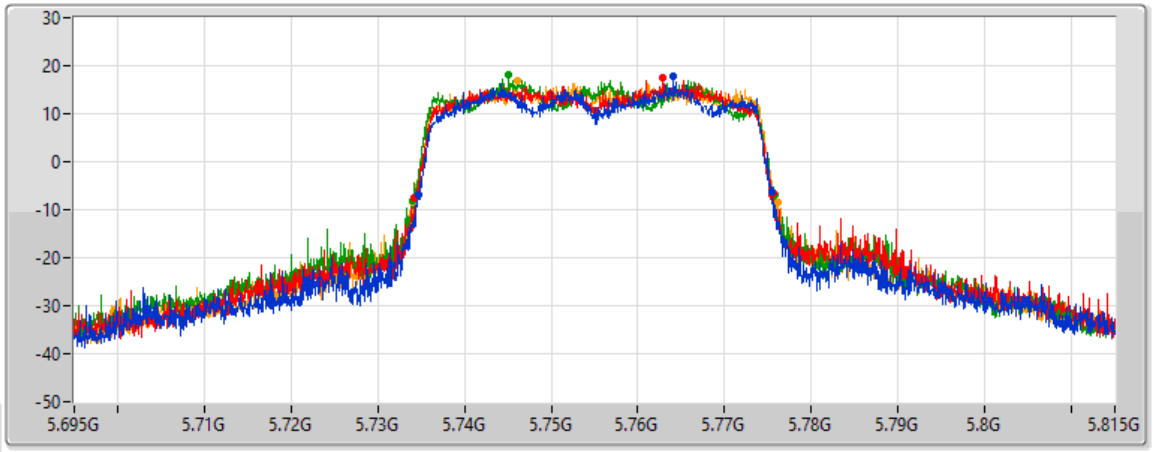
802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5755MHz

30/05/2023

CF 5.755GHz
Span 120MHz
RBW 1MHz
VBW 3MHz
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
40.86M	5.73466G	5.77552G	Inf	1
41.46M	5.73424G	5.7757G	Inf	2
41.88M	5.73394G	5.77582G	Inf	3
42.18M	5.734G	5.77618G	Inf	4

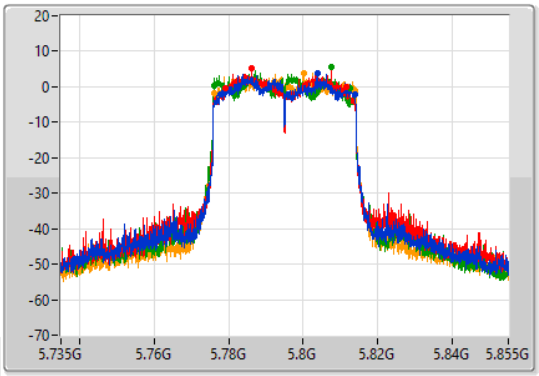
802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5795MHz

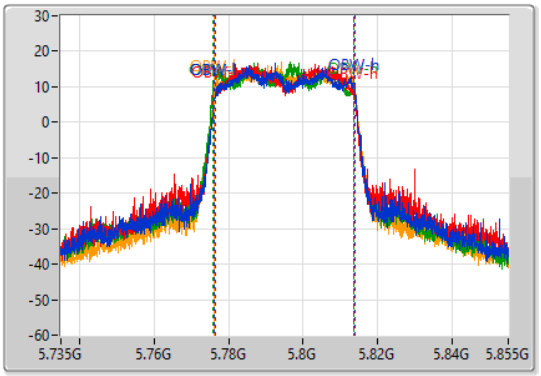
30/05/2023

CF 5.795GHz
Span 120MHz
RBW 100kHz
VBW 300kHz
Sweep Time 100ms
Detector Type Peak

Port 1
Port 2
Port 3
Port 4



CF 5.795GHz
Span 120MHz
RBW 1MHz
VBW 3MHz
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
36.12M	5.77784G	5.81396G	37.674M	5.776273G	5.813946G	500k	1
32.52M	5.77916G	5.81168G	37.369M	5.776285G	5.813654G	500k	2
36.48M	5.77604G	5.81252G	37.881M	5.775814G	5.813695G	500k	3
37.98M	5.77604G	5.81402G	37.92M	5.776035G	5.813956G	500k	4

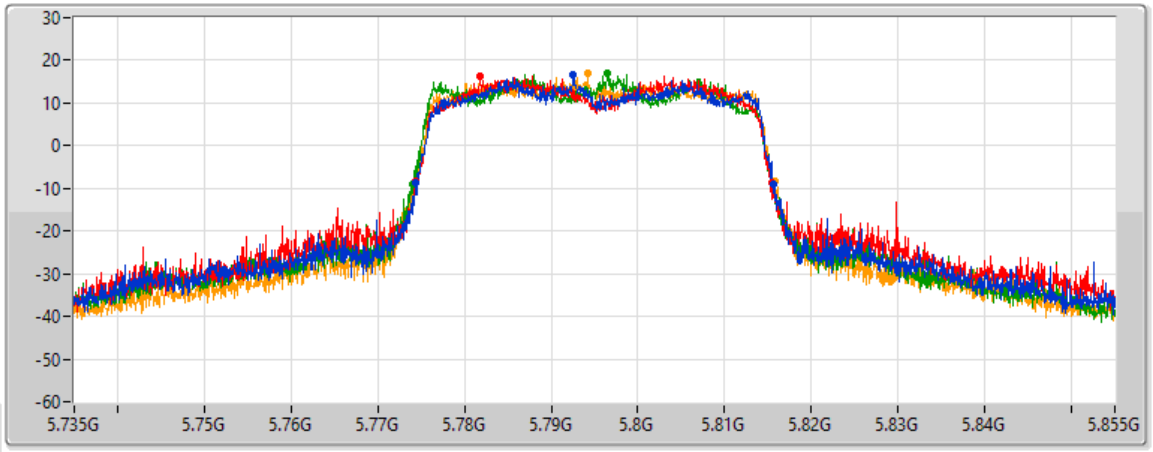
802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5795MHz

30/05/2023

CF 5.795GHz
Span 120MHz
RBW 1MHz
VBW 3MHz
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
41.22M	5.77436G	5.81558G	Inf	1
41.16M	5.7743G	5.81546G	Inf	2
41.64M	5.77394G	5.81558G	Inf	3
41.46M	5.7743G	5.81576G	Inf	4

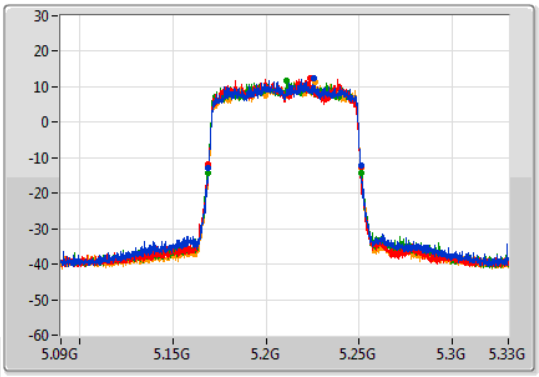
802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5210MHz

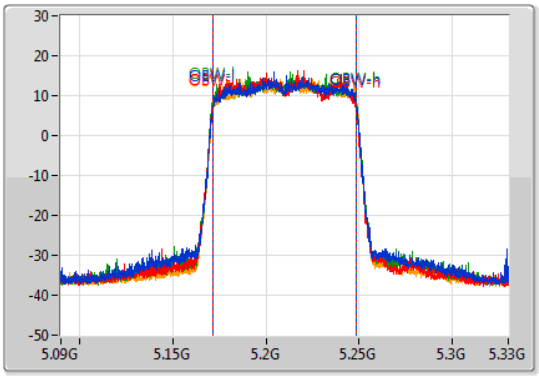
03/08/2022

CF 5.21GHz
Span 240MHz
RBW 1MHz
VBW 3MHz
Sweep Time 100ms
Detector Type Peak

Port 1
Port 2
Port 3
Port 4



CF 5.21GHz
Span 240MHz
RBW 2MHz
VBW 10MHz
Sweep Time 100ms
Detector Type Peak

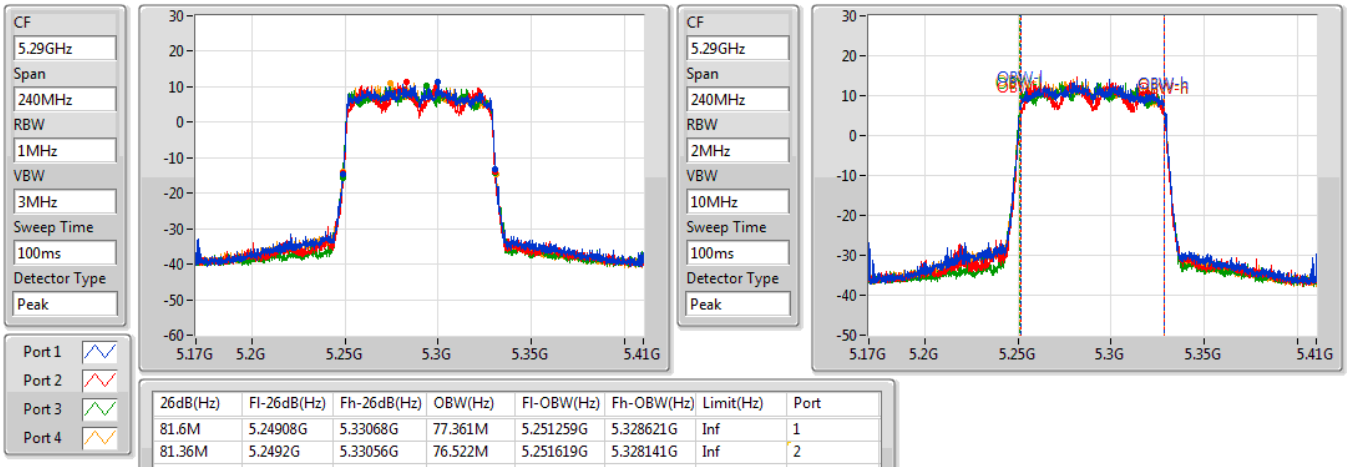


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.16896G	5.25104G	77.121M	5.171499G	5.248621G	Inf	1
81.84M	5.1692G	5.25104G	76.522M	5.171619G	5.248141G	Inf	2
81.96M	5.16884G	5.2508G	77.241M	5.171259G	5.248501G	Inf	3
81.72M	5.1692G	5.25092G	77.121M	5.171619G	5.248741G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5290MHz

03/08/2022

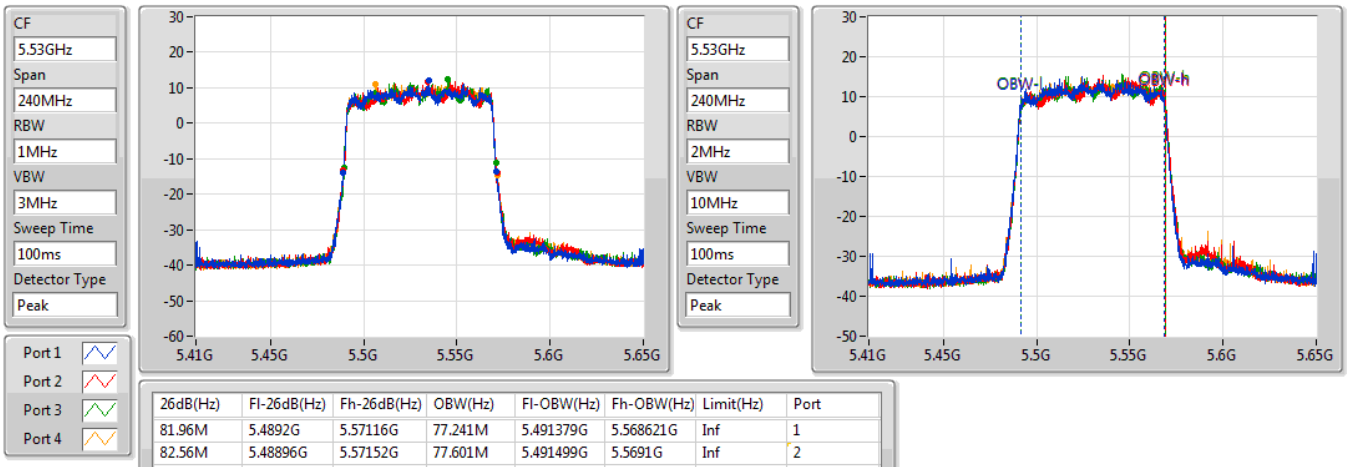


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.24908G	5.33068G	77.361M	5.251259G	5.328621G	Inf	1
81.36M	5.2492G	5.33056G	76.522M	5.251619G	5.328141G	Inf	2
81.96M	5.24872G	5.33068G	77.361M	5.251019G	5.328381G	Inf	3
81.72M	5.24908G	5.3308G	77.361M	5.251139G	5.328501G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5530MHz

03/08/2022

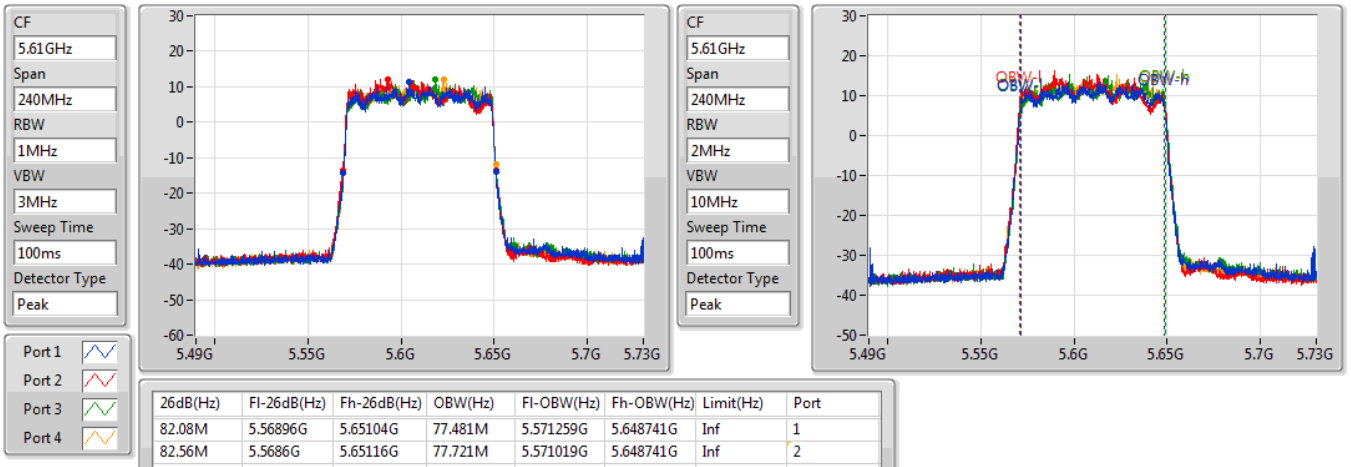


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.4892G	5.57116G	77.241M	5.491379G	5.568621G	Inf	1
82.56M	5.48896G	5.57152G	77.601M	5.491499G	5.5691G	Inf	2
81.36M	5.48956G	5.57092G	77.241M	5.491739G	5.568981G	Inf	3
82.44M	5.48908G	5.57152G	77.361M	5.491499G	5.568861G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5610MHz

09/08/2022

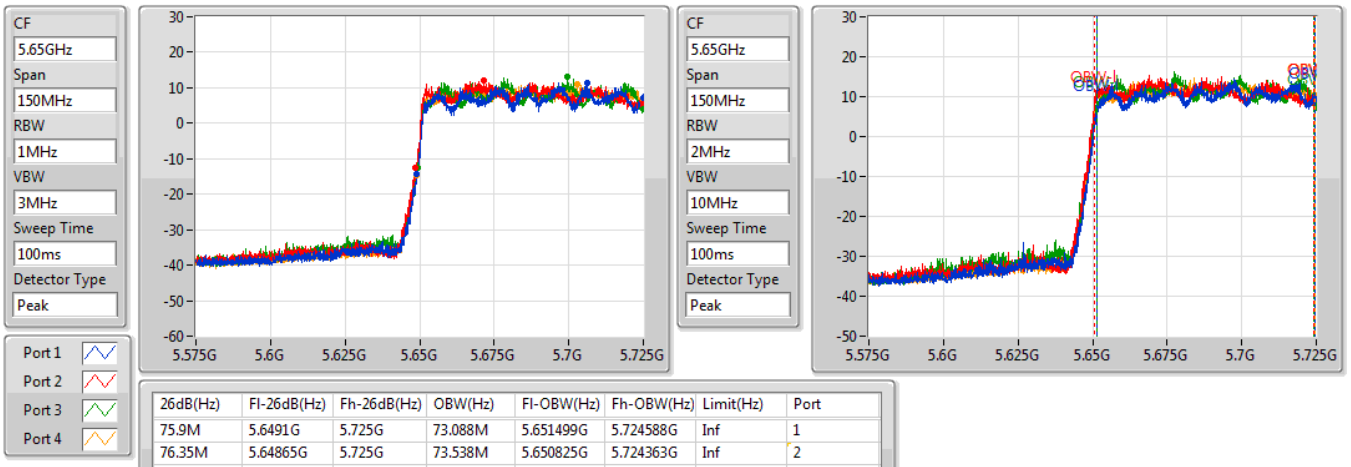


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.56896G	5.65104G	77.481M	5.571259G	5.648741G	Inf	1
82.56M	5.5686G	5.65116G	77.721M	5.571019G	5.648741G	Inf	2
82.08M	5.5692G	5.65128G	77.241M	5.571739G	5.648981G	Inf	3
82.08M	5.56896G	5.65104G	77.601M	5.571259G	5.648861G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

09/08/2022

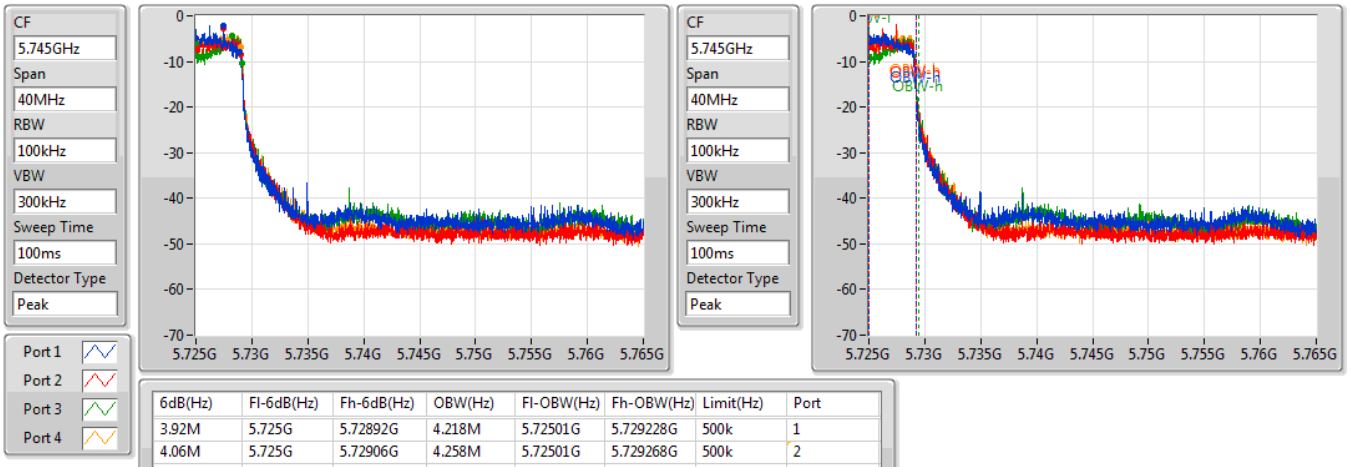


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.9M	5.6491G	5.725G	73.088M	5.651499G	5.724588G	Inf	1
76.35M	5.64865G	5.725G	73.538M	5.650825G	5.724363G	Inf	2
75.75M	5.64925G	5.725G	72.789M	5.651349G	5.724138G	Inf	3
76.125M	5.648875G	5.725G	73.238M	5.651349G	5.724588G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

09/08/2022

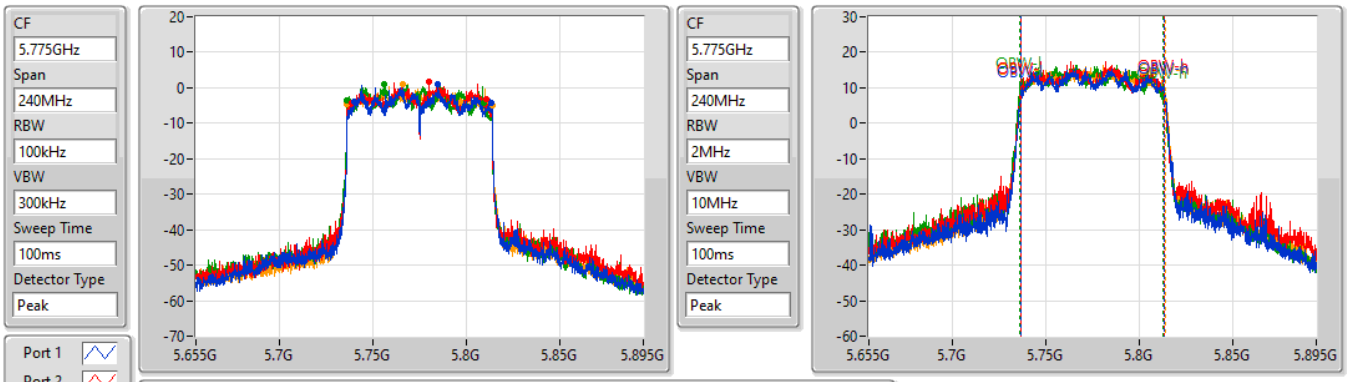


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.92M	5.725G	5.72892G	4.218M	5.72501G	5.729228G	500k	1
4.06M	5.725G	5.72906G	4.258M	5.72501G	5.729268G	500k	2
4.16M	5.725G	5.72916G	4.418M	5.72501G	5.729428G	500k	3
4.06M	5.725G	5.72906G	4.238M	5.72501G	5.729248G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5775MHz

30/05/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.16M	5.7396G	5.81376G	77.022M	5.73671G	5.813732G	500k	1
71.76M	5.73876G	5.81052G	76.667M	5.7365G	5.813166G	500k	2
73.56M	5.736G	5.80956G	76.907M	5.735985G	5.812891G	500k	3
77.88M	5.736G	5.81388G	77.29M	5.73652G	5.81381G	500k	4

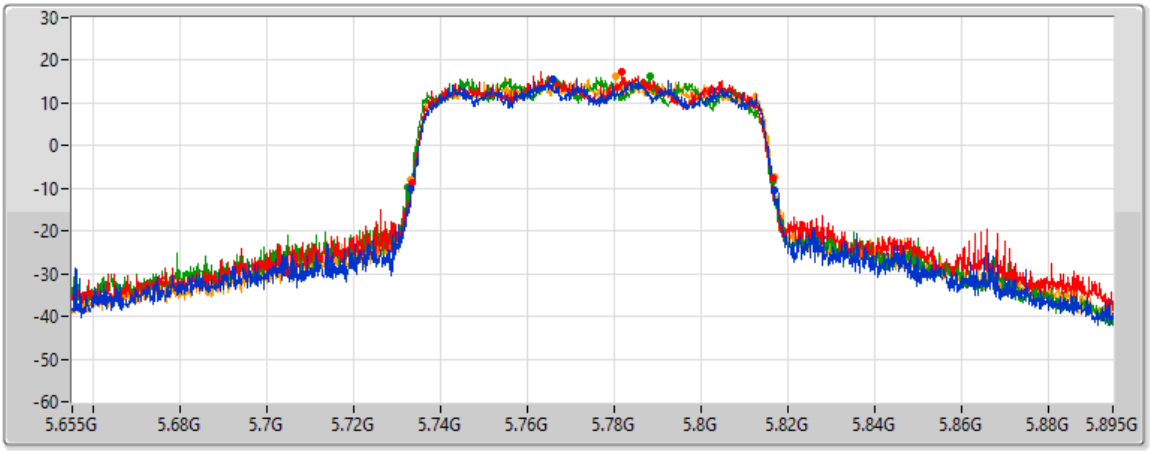
802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5775MHz

30/05/2023

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

Port 1
Port 2
Port 3
Port 4



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
83.88M	5.73312G	5.817G	Inf	1
83.28M	5.73336G	5.81664G	Inf	2
84.12M	5.7324G	5.81652G	Inf	3
84.12M	5.73288G	5.817G	Inf	4

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	24.13	0.25882	30.33	1.07895
802.11ax HEW20_Nss1,(MCS0)_4TX	24.59	0.28774	30.79	1.19950
802.11ax HEW40_Nss1,(MCS0)_4TX	25.75	0.37584	31.95	1.56675
802.11ax HEW80_Nss1,(MCS0)_4TX	23.70	0.23442	29.90	0.97724
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	17.90	0.06166	24.10	0.25704
802.11ax HEW20_Nss1,(MCS0)_4TX	18.67	0.07362	24.87	0.30690
802.11ax HEW40_Nss1,(MCS0)_4TX	21.52	0.14191	27.72	0.59156
802.11ax HEW80_Nss1,(MCS0)_4TX	22.36	0.17219	28.56	0.71779
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	17.82	0.06053	24.02	0.25235
802.11ax HEW20_Nss1,(MCS0)_4TX	18.62	0.07278	24.82	0.30339
802.11ax HEW40_Nss1,(MCS0)_4TX	21.48	0.14060	27.68	0.58614
802.11ax HEW80_Nss1,(MCS0)_4TX	23.29	0.21330	29.49	0.88920
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	26.27	0.42364	32.47	1.76604
802.11ax HEW20_Nss1,(MCS0)_4TX	26.23	0.41976	32.43	1.74985
802.11ax HEW40_Nss1,(MCS0)_4TX	25.80	0.38019	32.00	1.58489
802.11ax HEW80_Nss1,(MCS0)_4TX	24.69	0.29444	30.89	1.22744

Result

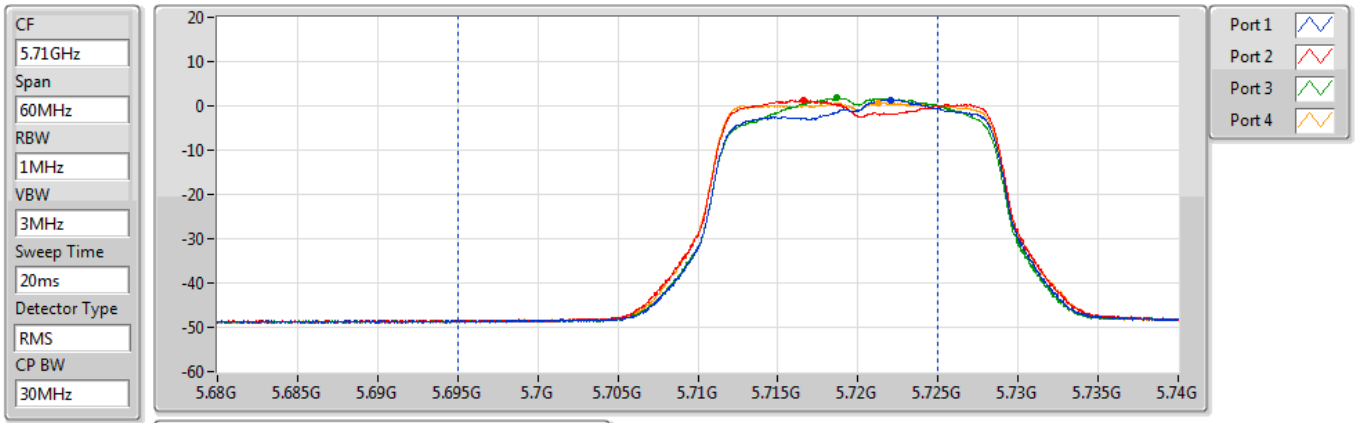
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.20	17.02	17.8	17.51	18.03	23.63	29.80	29.83	36.00
5200MHz	Pass	6.20	17.49	18.06	17.9	17.95	23.88	29.80	30.08	36.00
5240MHz	Pass	6.20	17.78	18.45	17.8	18.36	24.13	29.80	30.33	36.00
5260MHz	Pass	6.20	11.24	11.9	11.57	12.19	17.76	23.56	23.96	29.76
5300MHz	Pass	6.20	11.69	11.98	12.14	11.71	17.90	23.59	24.10	29.79
5320MHz	Pass	6.20	11.3	11.83	11.88	11.71	17.71	23.63	23.91	29.83
5500MHz	Pass	6.20	11.45	11.74	11.65	11.56	17.62	23.54	23.82	29.74
5580MHz	Pass	6.20	11.41	11.87	11.83	12.07	17.82	23.61	24.02	29.81
5700MHz	Pass	6.20	11.26	11.8	11.83	12.05	17.77	23.54	23.97	29.74
5720MHz Straddle 5.47-5.725GHz	Pass	6.20	9.81	10.65	11.06	10.98	16.67	22.27	22.87	28.47
5720MHz Straddle 5.725-5.85GHz	Pass	6.20	3.27	4.86	3.13	4.28	9.97	29.80	16.17	36.00
5745MHz	Pass	6.20	19.37	19.81	20.68	20.96	26.27	29.80	32.47	36.00
5785MHz	Pass	6.20	18.07	19.03	18.54	18.74	24.63	29.80	30.83	36.00
5825MHz	Pass	6.20	18.69	19.05	19.45	19.61	25.24	29.80	31.44	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.20	18.13	19	18.61	18.48	24.59	29.80	30.79	36.00
5200MHz	Pass	6.20	18.26	18.87	18.46	18.34	24.51	29.80	30.71	36.00
5240MHz	Pass	6.20	17.84	18.47	18	18.22	24.16	29.80	30.36	36.00
5260MHz	Pass	6.20	11.94	12.65	12.52	12.33	18.39	23.78	24.59	30.00
5300MHz	Pass	6.20	12.4	12.69	12.86	12.63	18.67	23.78	24.87	30.00
5320MHz	Pass	6.20	12.15	12.61	12.74	12.44	18.51	23.78	24.71	30.00
5500MHz	Pass	6.20	12.07	11.94	13.13	12.21	18.38	23.78	24.58	30.00
5580MHz	Pass	6.20	12.37	12.59	12.69	12.75	18.62	23.78	24.82	30.00
5700MHz	Pass	6.20	11.72	11.55	11.68	11.71	17.69	23.78	23.89	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.20	11.18	11.28	10.69	11.04	17.07	22.63	23.27	28.83
5720MHz Straddle 5.725-5.85GHz	Pass	6.20	3.38	4.68	3.22	4.14	9.92	29.80	16.12	36.00
5745MHz	Pass	6.20	19.76	19.98	20.42	20.62	26.23	29.80	32.43	36.00
5785MHz	Pass	6.20	18.43	19.09	19.56	19.94	25.31	29.80	31.51	36.00
5825MHz	Pass	6.20	18.78	19.34	19.82	20.1	25.56	29.80	31.76	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.20	17.62	18.08	18.05	17.44	23.83	29.80	30.03	36.00
5230MHz	Pass	6.20	19.53	19.88	19.62	19.87	25.75	29.80	31.95	36.00
5270MHz	Pass	6.20	15.51	15.66	15.48	15.36	21.52	23.78	27.72	30.00
5310MHz	Pass	6.20	15.03	15.14	15.57	15.76	21.41	23.78	27.61	30.00
5510MHz	Pass	6.20	15.3	15.34	15.36	15.69	21.45	23.78	27.65	30.00
5550MHz	Pass	6.20	15.18	15.57	15.35	15.7	21.48	23.78	27.68	30.00
5670MHz	Pass	6.20	14.68	15.23	15.59	15.4	21.26	23.78	27.46	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	6.20	14.09	15.04	15.06	15.15	20.88	23.78	27.08	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	6.20	4.89	5.18	4.13	5.48	10.97	29.80	17.17	36.00
5755MHz	Pass	6.20	19	19.86	20.14	20.04	25.80	29.80	32.00	36.00
5795MHz	Pass	6.20	18.53	19.2	19.23	18.92	25.00	29.80	31.20	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.20	17.72	17.93	17.71	17.33	23.70	29.80	29.90	36.00
5290MHz	Pass	6.20	16.46	16.27	16.32	16.31	22.36	23.78	28.56	30.00
5530MHz	Pass	6.20	17.17	17.03	17.37	17.5	23.29	23.78	29.49	30.00
5610MHz	Pass	6.20	16.29	17.19	16.79	16.82	22.80	23.78	29.00	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	6.20	16.46	17.42	17.58	17.24	23.22	23.78	29.42	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	6.20	3.47	3.06	2.39	3.91	9.26	29.80	15.46	36.00
5775MHz	Pass	6.20	17.99	18.89	19.02	18.72	24.69	29.80	30.89	36.00

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

802.11a_Nss1,(6Mbps)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz_TX

02/08/2022

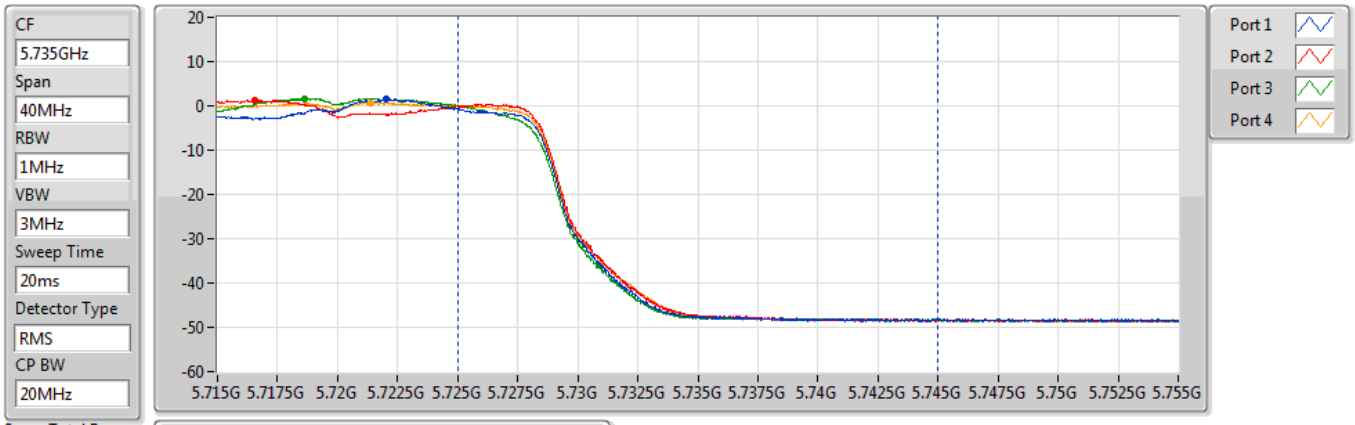


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.67	9.81	10.65	11.06	10.98

802.11a_Nss1,(6Mbps)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz_TX

02/08/2022

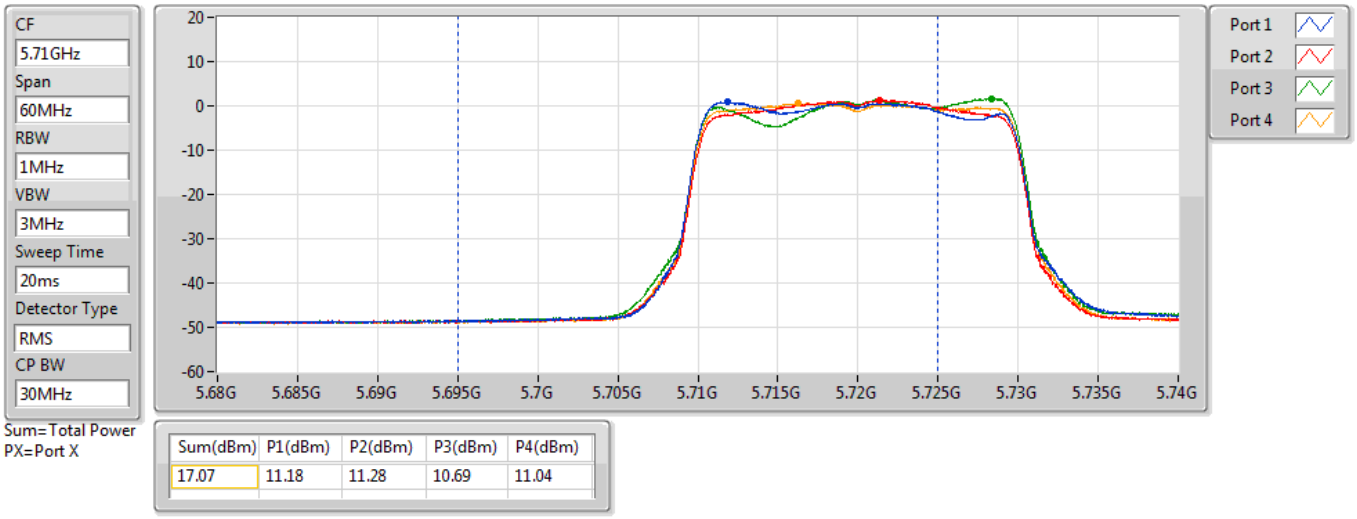


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.97	3.27	4.86	3.13	4.28

802.11ax HEW20_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz_TX

02/08/2022

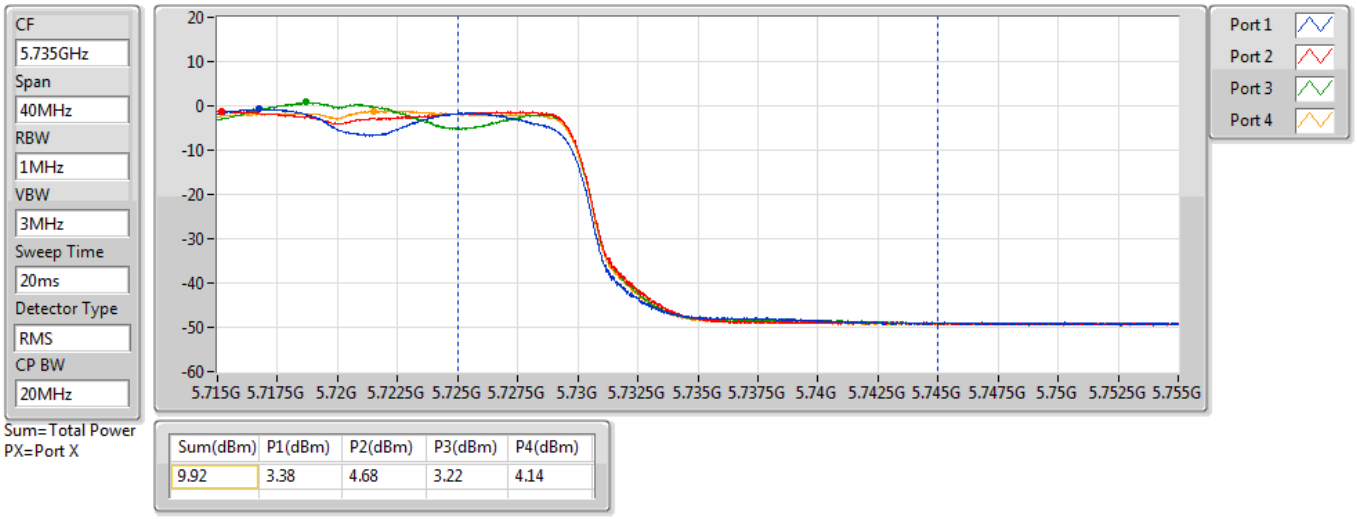


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.07	11.18	11.28	10.69	11.04

802.11ax HEW20_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz_TX

03/08/2022

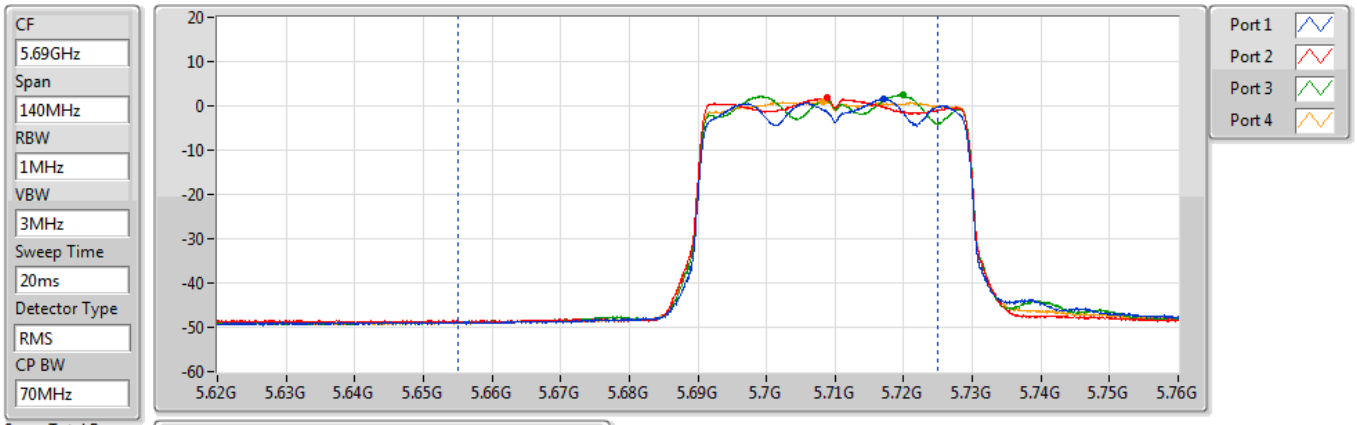


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.92	3.38	4.68	3.22	4.14

802.11ax HEW40_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.47-5.725GHz_TX

03/08/2022

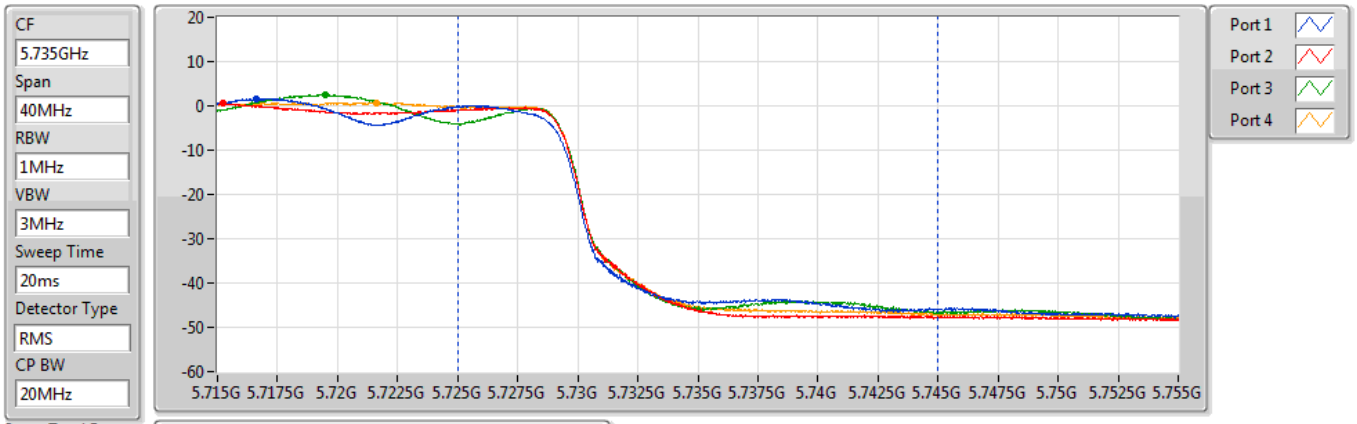


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.88	14.09	15.04	15.06	15.15

802.11ax HEW40_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.725-5.85GHz_TX

03/08/2022

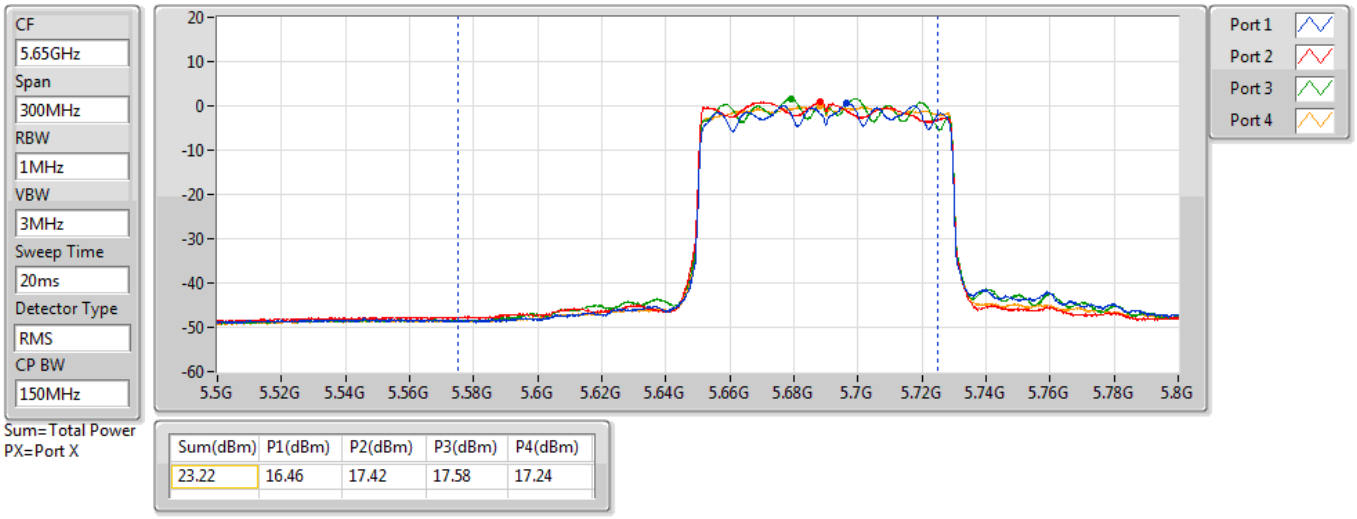


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.97	4.89	5.18	4.13	5.48

802.11ax HEW80_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.47-5.725GHz_TX

09/08/2022

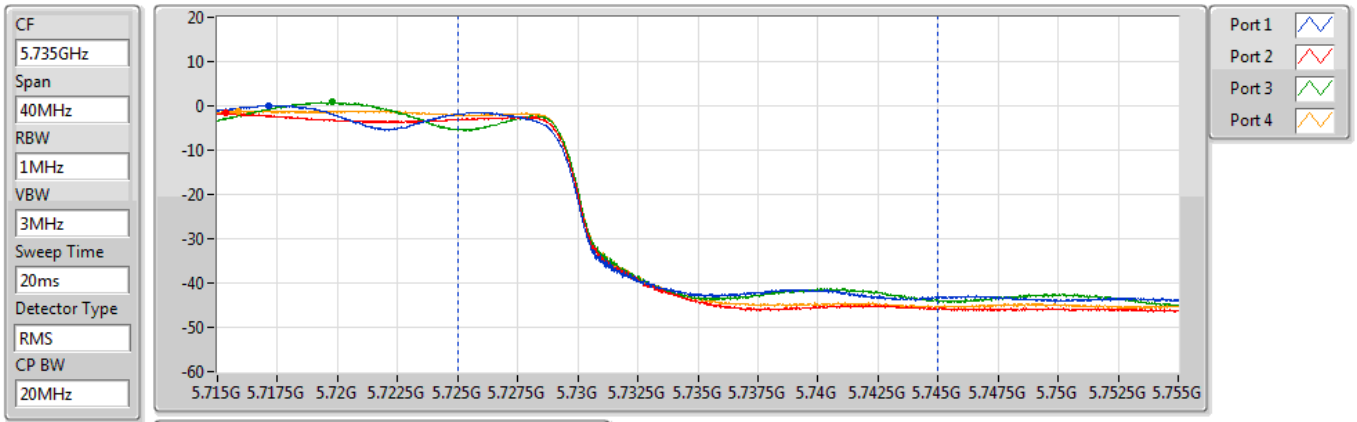


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.22	16.46	17.42	17.58	17.24

802.11ax HEW80_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.725-5.85GHz_TX

09/08/2022



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.26	3.47	3.06	2.39	3.91

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	24.03	0.25293	35.42	3.48337
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	24.09	0.25645	35.47	3.52371
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.57	0.22751	34.96	3.13329
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.04	0.06368	29.43	0.87700
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	17.90	0.06166	29.29	0.84918
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.75	0.05957	29.14	0.82035
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.00	0.06310	29.39	0.86896
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	18.03	0.06353	29.42	0.87498
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	18.03	0.06353	29.42	0.87498
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	24.10	0.25704	35.49	3.53997
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.89	0.24491	35.28	3.37287
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.09	0.25645	35.48	3.53183

Result

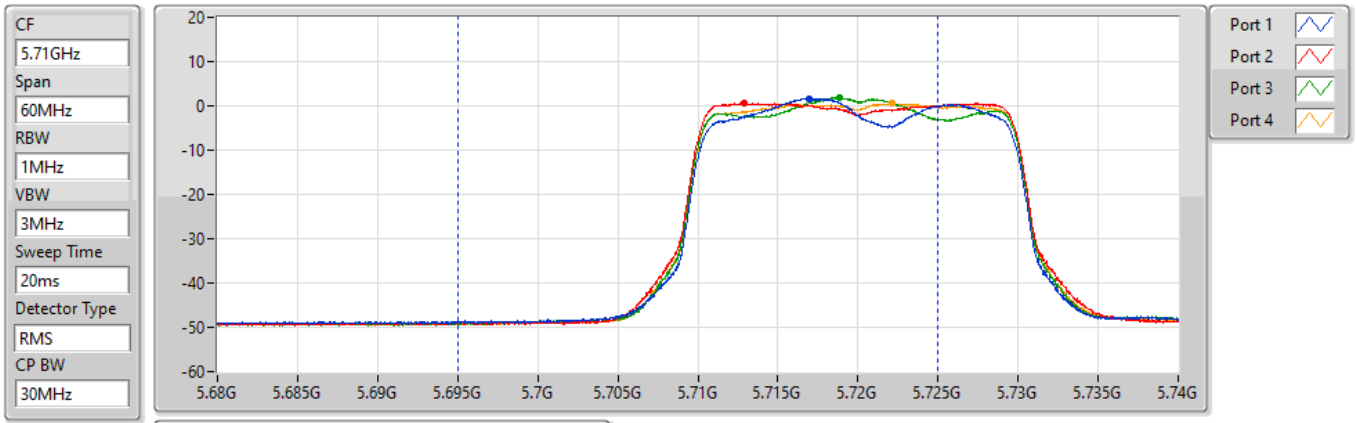
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	11.39	17.48	18.39	18.00	17.84	23.96	24.61	35.35	36.00
5200MHz	Pass	11.39	17.66	18.27	17.82	17.73	23.90	24.61	35.29	36.00
5240MHz	Pass	11.39	17.69	18.35	17.86	18.12	24.03	24.61	35.42	36.00
5260MHz	Pass	11.39	11.34	12.01	11.90	11.70	17.77	18.59	29.16	30.00
5300MHz	Pass	11.39	11.75	12.05	12.26	12.00	18.04	18.59	29.43	30.00
5320MHz	Pass	11.39	11.53	11.99	12.13	11.82	17.89	18.59	29.28	30.00
5500MHz	Pass	11.39	11.45	11.31	12.48	11.57	17.75	18.59	29.14	30.00
5580MHz	Pass	11.39	11.77	11.96	12.07	12.10	18.00	18.59	29.39	30.00
5700MHz	Pass	11.39	11.61	11.44	11.57	11.61	17.58	18.59	28.97	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.39	10.29	11.06	11.04	10.97	16.87	17.44	28.26	28.83
5720MHz Straddle 5.725-5.85GHz	Pass	11.39	3.01	4.77	3.09	4.10	9.83	24.61	21.22	36.00
5745MHz	Pass	11.39	17.62	17.86	18.29	18.51	24.10	24.61	35.49	36.00
5785MHz	Pass	11.39	16.80	17.48	17.95	18.29	23.69	24.61	35.08	36.00
5825MHz	Pass	11.39	17.15	17.71	18.17	18.46	23.92	24.61	35.31	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	11.39	17.52	17.94	17.90	17.34	23.70	24.61	35.09	36.00
5230MHz	Pass	11.39	18.04	18.48	18.02	17.68	24.08	24.61	35.47	36.00
5270MHz	Pass	11.39	11.91	12.06	11.84	11.71	17.90	18.59	29.29	30.00
5310MHz	Pass	11.39	11.39	11.50	11.97	12.14	17.78	18.59	29.17	30.00
5510MHz	Pass	11.39	11.66	11.71	11.73	12.07	17.82	18.59	29.21	30.00
5550MHz	Pass	11.39	11.53	11.97	11.71	12.07	17.85	18.59	29.24	30.00
5670MHz	Pass	11.39	11.44	12.01	12.36	12.19	18.03	18.59	29.42	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	11.39	11.14	11.69	11.61	12.21	17.70	18.59	29.09	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	11.39	2.08	2.66	0.87	2.23	8.03	24.61	19.42	36.00
5755MHz	Pass	11.39	16.85	17.72	18.00	17.91	23.66	24.61	35.05	36.00
5795MHz	Pass	11.39	17.42	18.08	18.12	17.81	23.89	24.61	35.28	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	11.39	17.62	17.78	17.59	17.18	23.57	24.61	34.96	36.00
5290MHz	Pass	11.39	11.85	11.64	11.72	11.71	17.75	18.59	29.14	30.00
5530MHz	Pass	11.39	11.52	11.39	11.77	11.85	17.66	18.59	29.05	30.00
5610MHz	Pass	11.39	11.15	12.05	11.66	11.68	17.67	18.59	29.06	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	11.39	11.45	12.27	12.03	12.24	18.03	18.59	29.42	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	11.39	-1.15	-1.17	-2.56	-1.48	4.47	24.61	15.86	36.00
5775MHz	Pass	11.39	17.60	18.22	18.35	18.07	24.09	24.61	35.48	36.00

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

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

5720MHz Straddle 5.47-5.725GHz_TX

23/08/2022

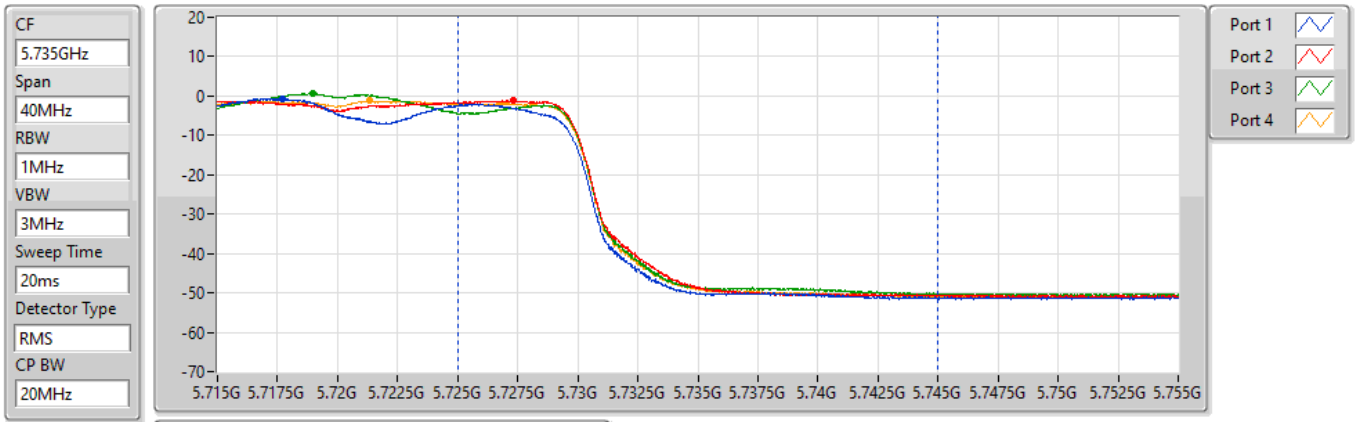


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.87	10.29	11.06	11.04	10.97

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

5720MHz Straddle 5.725-5.85GHz_TX

23/08/2022

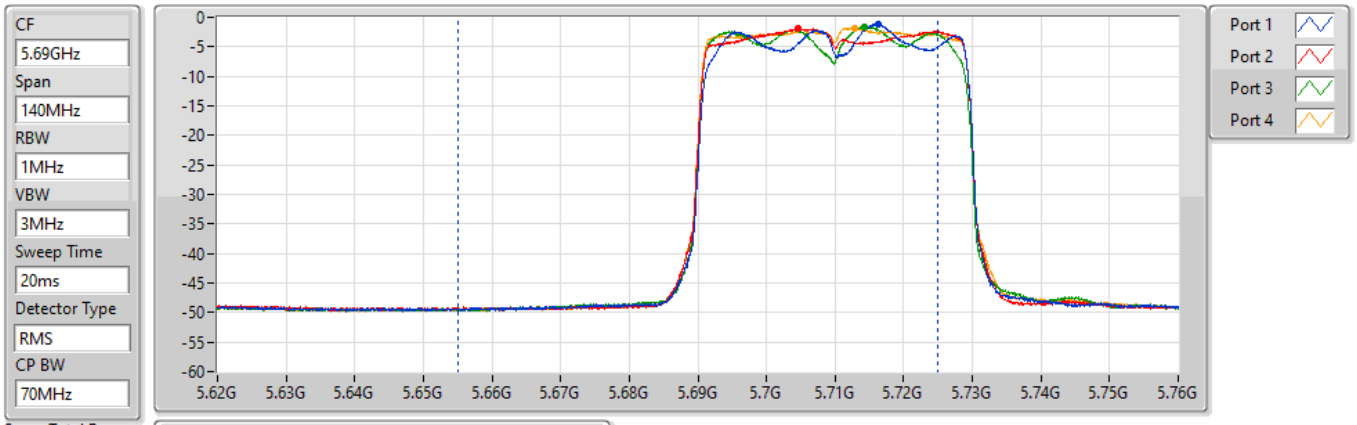


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.83	3.01	4.77	3.09	4.10

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

5710MHz Straddle 5.47-5.725GHz_TX

23/08/2022

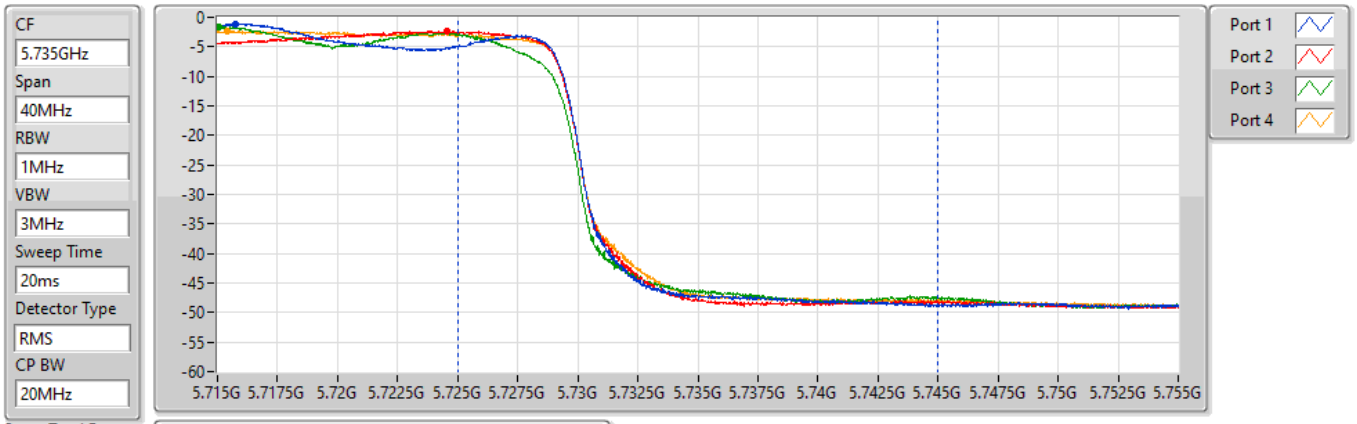


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.70	11.14	11.69	11.61	12.21

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

5710MHz Straddle 5.725-5.85GHz_TX

23/08/2022

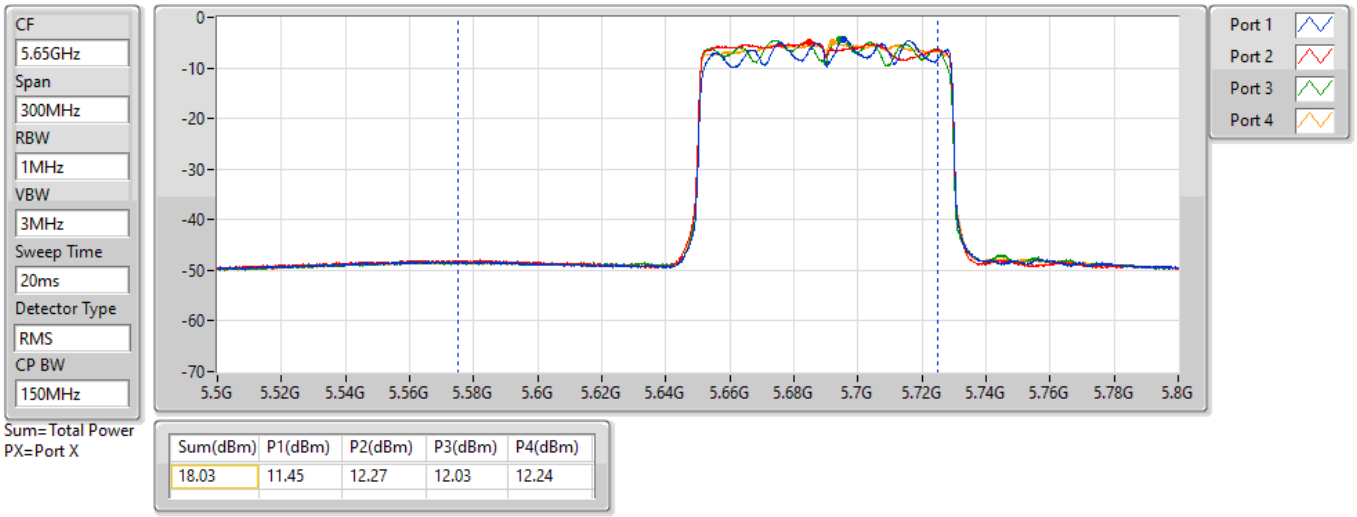


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
8.03	2.08	2.66	0.87	2.23

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

5690MHz Straddle 5.47-5.725GHz_TX

23/08/2022

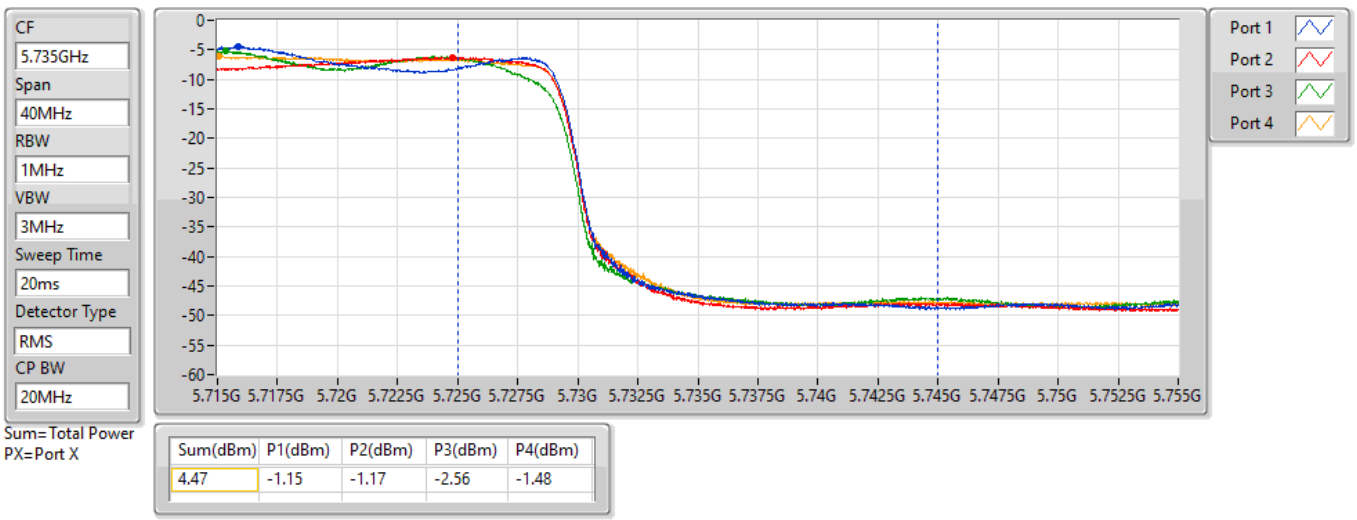


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.03	11.45	12.27	12.03	12.24

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

5690MHz Straddle 5.725-5.85GHz_TX

23/08/2022



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
4.47	-1.15	-1.17	-2.56	-1.48

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	11.59	22.98
802.11ax HEW20_Nss1,(MCS0)_4TX	11.43	22.82
802.11ax HEW40_Nss1,(MCS0)_4TX	9.84	21.23
802.11ax HEW80_Nss1,(MCS0)_4TX	5.16	16.55
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	5.56	16.95
802.11ax HEW20_Nss1,(MCS0)_4TX	5.46	16.85
802.11ax HEW40_Nss1,(MCS0)_4TX	5.49	16.88
802.11ax HEW80_Nss1,(MCS0)_4TX	3.74	15.13
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	5.49	16.88
802.11ax HEW20_Nss1,(MCS0)_4TX	5.54	16.93
802.11ax HEW40_Nss1,(MCS0)_4TX	5.44	16.83
802.11ax HEW80_Nss1,(MCS0)_4TX	4.67	16.06
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	12.99	24.38
802.11ax HEW20_Nss1,(MCS0)_4TX	12.24	23.63
802.11ax HEW40_Nss1,(MCS0)_4TX	8.99	20.38
802.11ax HEW80_Nss1,(MCS0)_4TX	5.49	16.88

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

Result

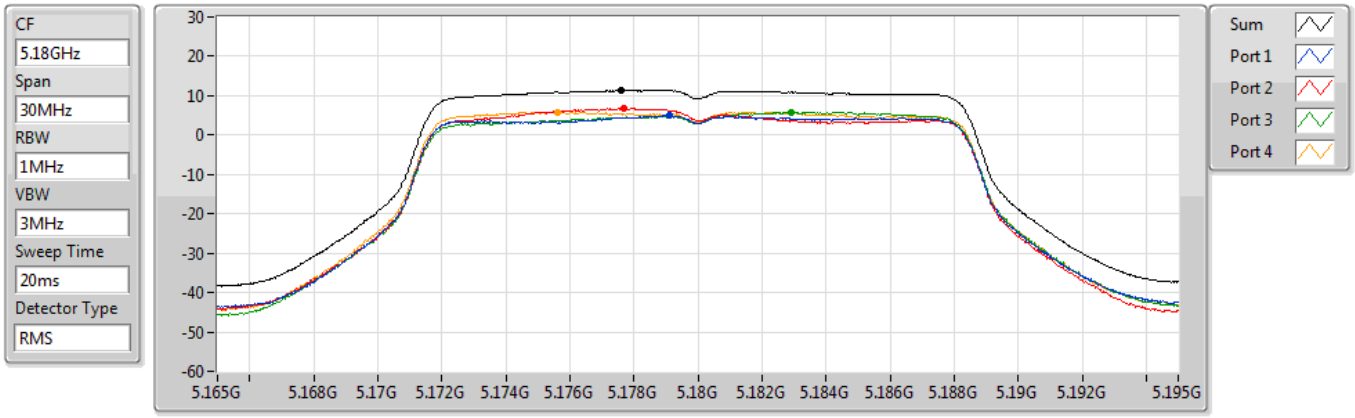
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	11.39	5.12	6.8	5.83	5.82	11.39	11.61	22.78	23.00
5200MHz	Pass	11.39	5.36	6.49	6.2	5.84	11.19	11.61	22.58	23.00
5240MHz	Pass	11.39	5.68	6.41	6.37	6.37	11.59	11.61	22.98	23.00
5260MHz	Pass	11.39	-0.71	1.02	-0.03	-0.07	5.56	5.61	16.95	17.00
5300MHz	Pass	11.39	-0.28	-0.13	0.31	-0.82	5.52	5.61	16.91	17.00
5320MHz	Pass	11.39	-0.62	0.21	-0.44	-0.51	5.16	5.61	16.55	17.00
5500MHz	Pass	11.39	-1.04	-0.24	0.23	-0.97	5.16	5.61	16.55	17.00
5580MHz	Pass	11.39	-0.41	-0.14	0.66	-0.15	5.49	5.61	16.88	17.00
5700MHz	Pass	11.39	-0.01	0.29	1.41	-0.2	5.47	5.61	16.86	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.39	-0.1	-0.37	0.18	-0.84	5.08	5.61	16.47	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	11.39	-3.77	-2.65	-3.06	-2.92	2.76	24.61	14.15	36.00
5745MHz	Pass	11.39	7	7.58	8.8	7.54	12.99	24.61	24.38	36.00
5785MHz	Pass	11.39	5.28	5.79	6.26	4.99	11.10	24.61	22.49	36.00
5825MHz	Pass	11.39	6.4	6.08	6.8	6.56	11.55	24.61	22.94	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	11.39	5.3	6.01	6.41	6.11	11.42	11.61	22.81	23.00
5200MHz	Pass	11.39	5.72	6	6.18	5.88	11.29	11.61	22.68	23.00
5240MHz	Pass	11.39	5.33	6.67	5.4	5.48	11.43	11.61	22.82	23.00
5260MHz	Pass	11.39	-0.79	0.8	-0.54	-0.58	5.29	5.61	16.68	17.00
5300MHz	Pass	11.39	-0.29	1.06	0.3	-0.51	5.46	5.61	16.85	17.00
5320MHz	Pass	11.39	-0.67	-0.46	0.66	-0.65	5.44	5.61	16.83	17.00
5500MHz	Pass	11.39	-0.75	-0.02	0.41	-0.83	5.24	5.61	16.63	17.00
5580MHz	Pass	11.39	-0.04	-0.14	0.8	-0.18	5.54	5.61	16.93	17.00
5700MHz	Pass	11.39	0.39	-0.41	1.21	-1.11	5.24	5.61	16.63	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.39	-0.69	-0.1	-0.21	-0.9	5.34	5.61	16.73	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	11.39	-3.24	-2.08	-2.54	-3.23	2.99	24.61	14.38	36.00
5745MHz	Pass	11.39	6.33	5.31	7.57	6.32	12.24	24.61	23.63	36.00
5785MHz	Pass	11.39	5.48	5.29	7.31	5.98	11.04	24.61	22.43	36.00
5825MHz	Pass	11.39	5.97	5.62	7.12	5.95	11.86	24.61	23.25	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	11.39	-2.46	-1.65	-1.68	-2.35	3.53	11.61	14.92	23.00
5230MHz	Pass	11.39	3.92	5.05	4.45	4.3	9.84	11.61	21.23	23.00
5270MHz	Pass	11.39	-0.32	0.58	0.13	-0.5	5.49	5.61	16.88	17.00
5310MHz	Pass	11.39	-0.26	-0.08	0.31	-0.41	5.05	5.61	16.44	17.00
5510MHz	Pass	11.39	-0.41	-0.38	0.04	-0.72	5.39	5.61	16.78	17.00
5550MHz	Pass	11.39	-0.58	0.15	0.03	-0.72	5.44	5.61	16.83	17.00
5670MHz	Pass	11.39	-0.45	0.12	0.8	-0.66	5.33	5.61	16.72	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	11.39	0.11	0.25	0.93	-0.38	5.41	5.61	16.80	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	11.39	-2.93	-3.34	-3.22	-3.05	2.32	24.61	13.71	36.00
5755MHz	Pass	11.39	2.99	3.55	4.21	3.21	8.99	24.61	20.38	36.00
5795MHz	Pass	11.39	2.45	2.94	3.45	2.43	8.42	24.61	19.81	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	11.39	-0.62	0.15	-0.17	-0.95	5.16	11.61	16.55	23.00
5290MHz	Pass	11.39	-1.82	-1.14	-1.73	-2.25	3.74	5.61	15.13	17.00
5530MHz	Pass	11.39	-1.16	-1.09	-0.6	-1.36	4.67	5.61	16.06	17.00
5610MHz	Pass	11.39	-1.83	-0.62	-0.88	-1.85	4.44	5.61	15.83	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	11.39	-0.88	-0.6	0.27	-1.59	4.49	5.61	15.88	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	11.39	-4.45	-5.57	-4.92	-4.68	0.60	24.61	11.99	36.00
5775MHz	Pass	11.39	-0.47	0.12	0.46	-0.54	5.49	24.61	16.88	36.00

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

802.11a_Nss1,(6Mbps)_4TX PSD

5180MHz

02/08/2022

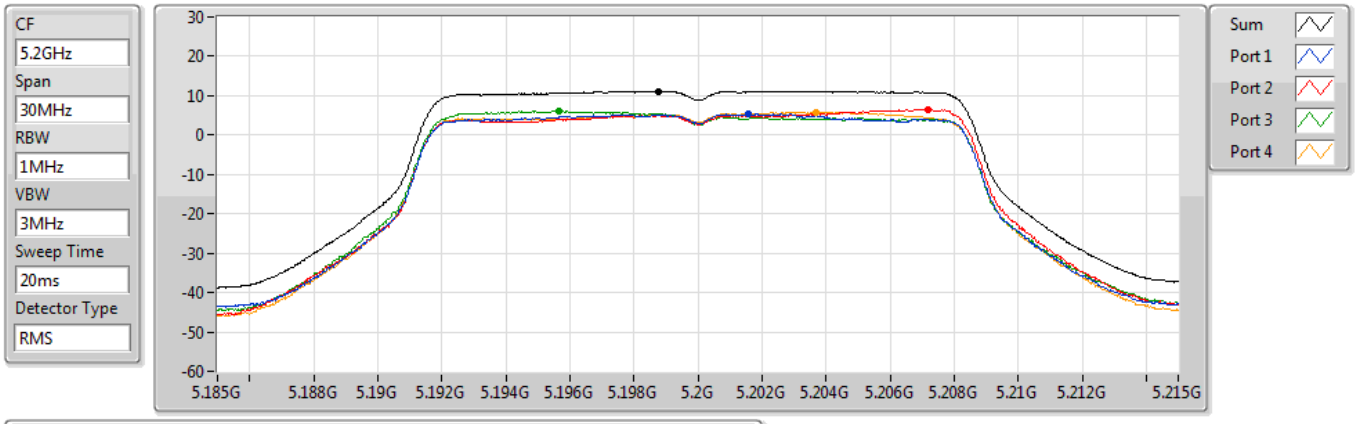


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.39	11.39	5.12	6.80	5.83	5.82

802.11a_Nss1,(6Mbps)_4TX PSD

5200MHz

02/08/2022



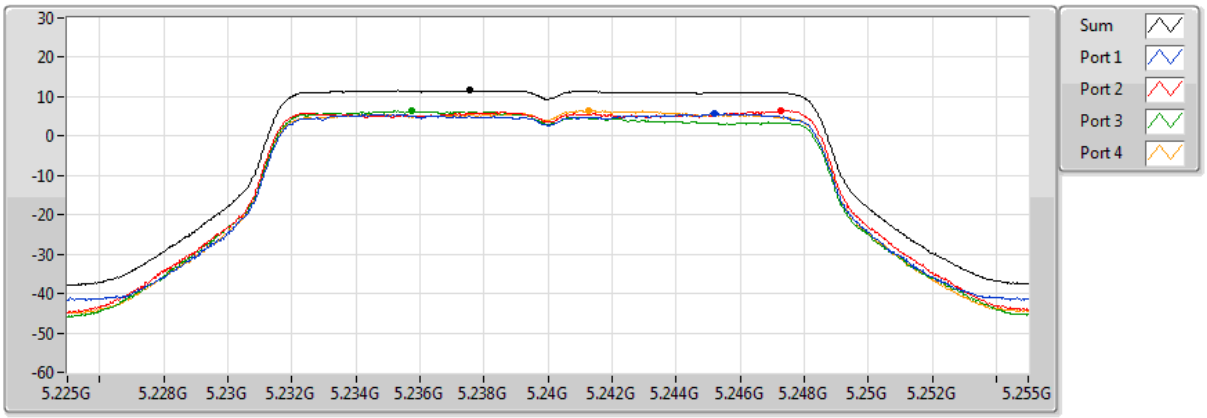
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.19	11.19	5.36	6.49	6.20	5.84

802.11a_Nss1,(6Mbps)_4TX PSD

5240MHz

02/08/2022

CF	5.24GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



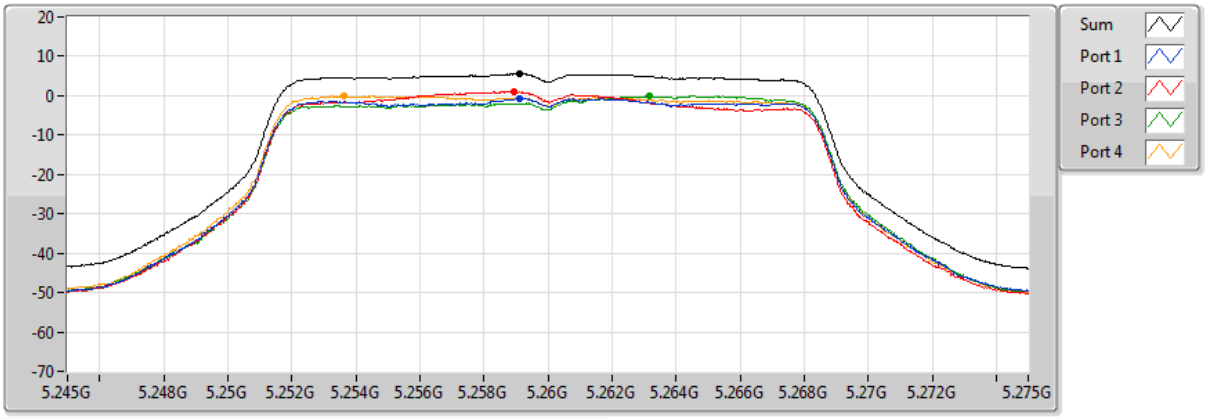
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.59	11.59	5.68	6.41	6.37	6.37

802.11a_Nss1,(6Mbps)_4TX PSD

5260MHz

02/08/2022

CF	5.26GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

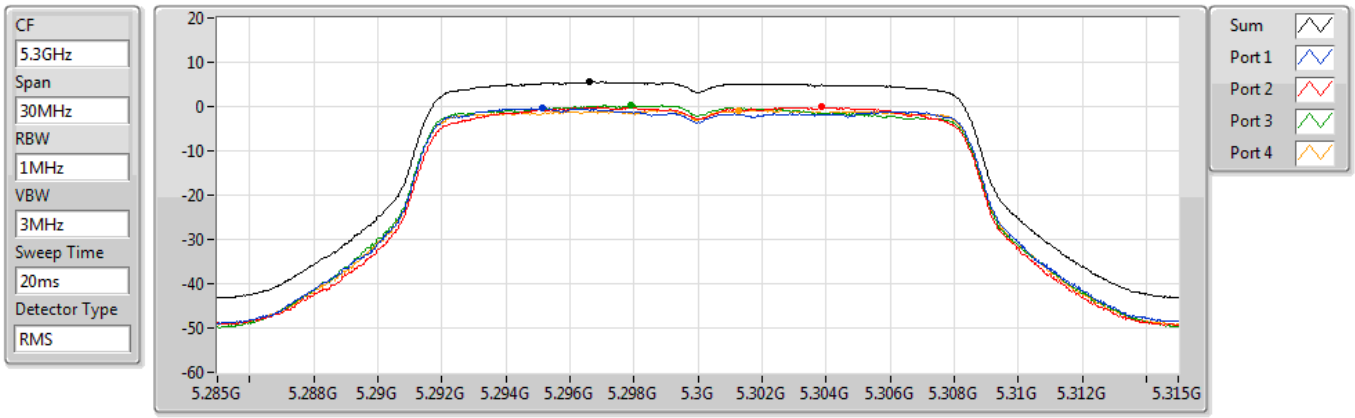


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.56	5.56	-0.71	1.02	-0.03	-0.07

802.11a_Nss1,(6Mbps)_4TX PSD

5300MHz

02/08/2022

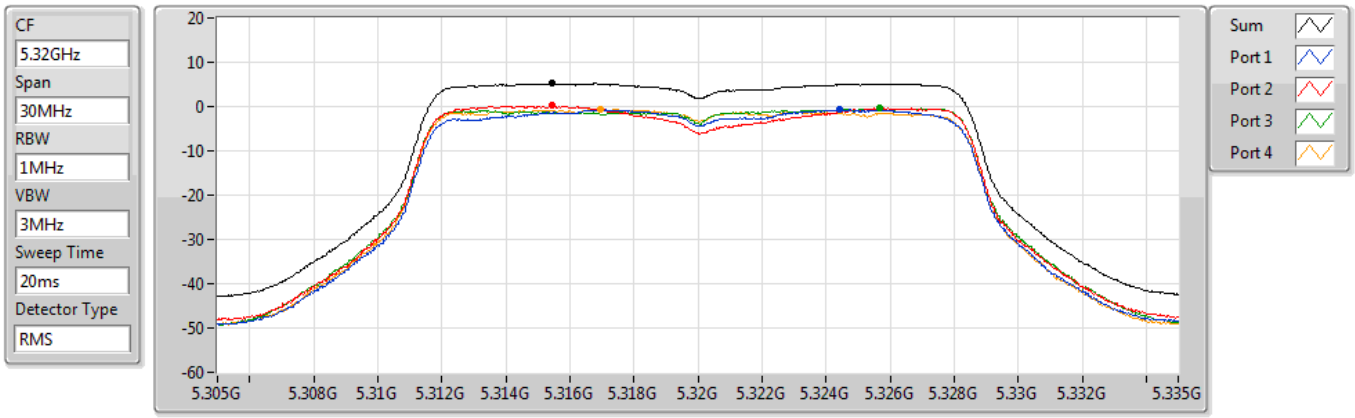


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.52	5.52	-0.28	-0.13	0.31	-0.82

802.11a_Nss1,(6Mbps)_4TX PSD

5320MHz

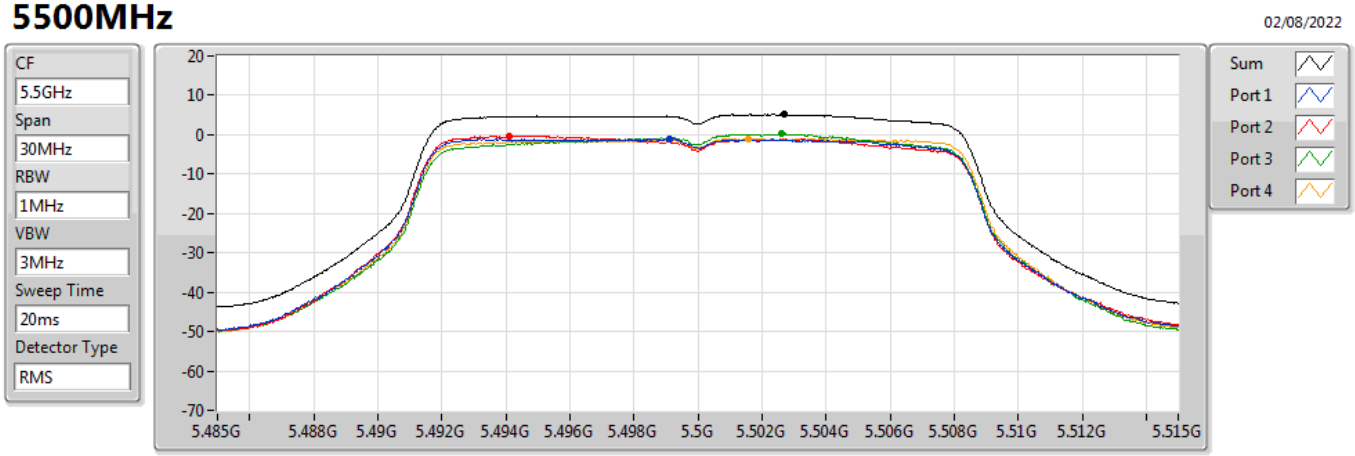
02/08/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.16	5.16	-0.62	0.21	-0.44	-0.51

802.11a_Nss1,(6Mbps)_4TX PSD

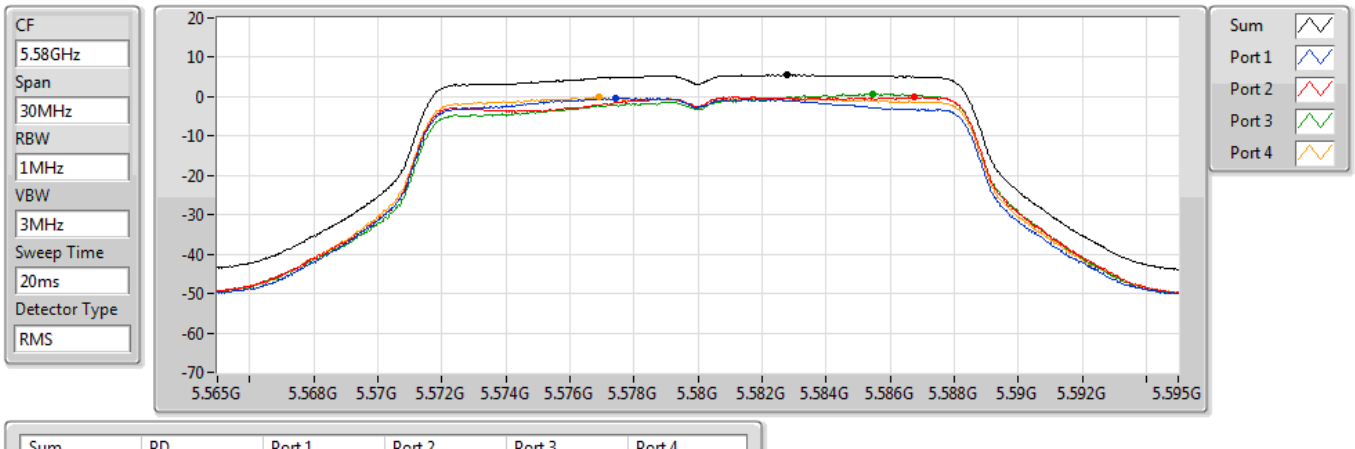
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.16	5.16	-1.04	-0.24	0.23	-0.97

802.11a_Nss1,(6Mbps)_4TX PSD

5580MHz

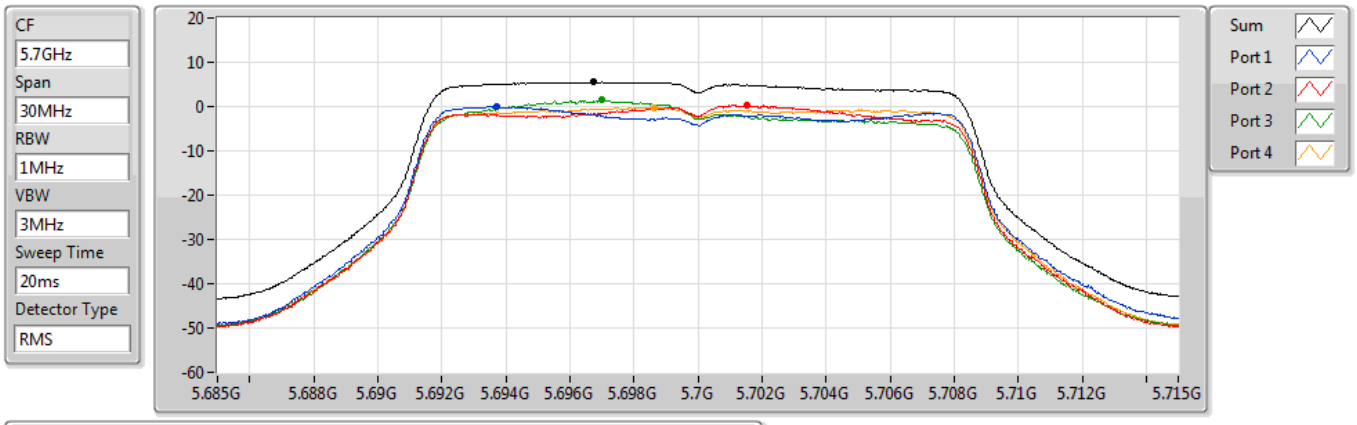


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.49	5.49	-0.41	-0.14	0.66	-0.15

802.11a_Nss1,(6Mbps)_4TX PSD

5700MHz

02/08/2022

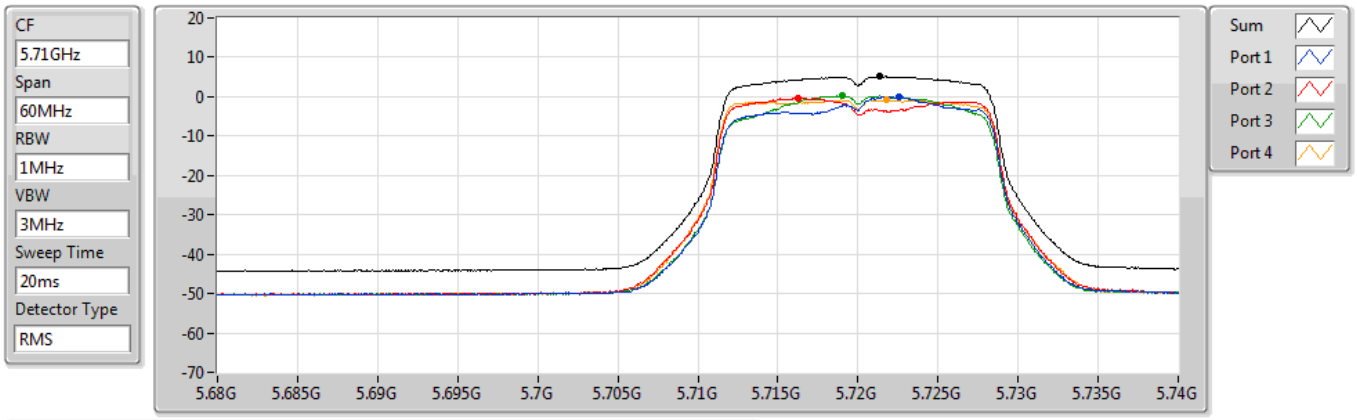


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.47	5.47	-0.01	0.29	1.41	-0.20

802.11a_Nss1,(6Mbps)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

02/08/2022

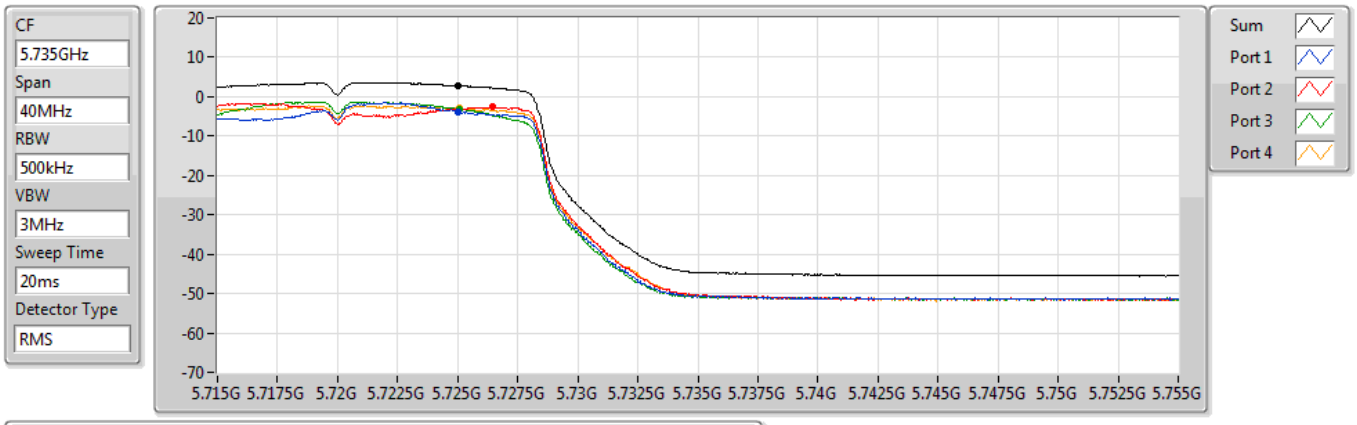


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.08	5.08	-0.10	-0.37	0.18	-0.84

802.11a_Nss1,(6Mbps)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

02/08/2022

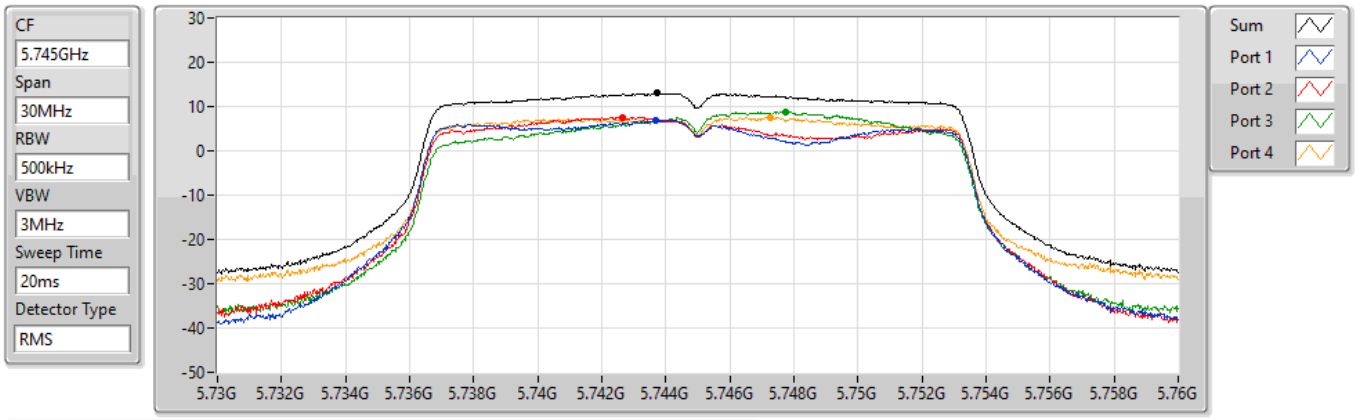


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.76	2.76	-3.77	-2.65	-3.06	-2.92

802.11a_Nss1,(6Mbps)_4TX PSD

5745MHz

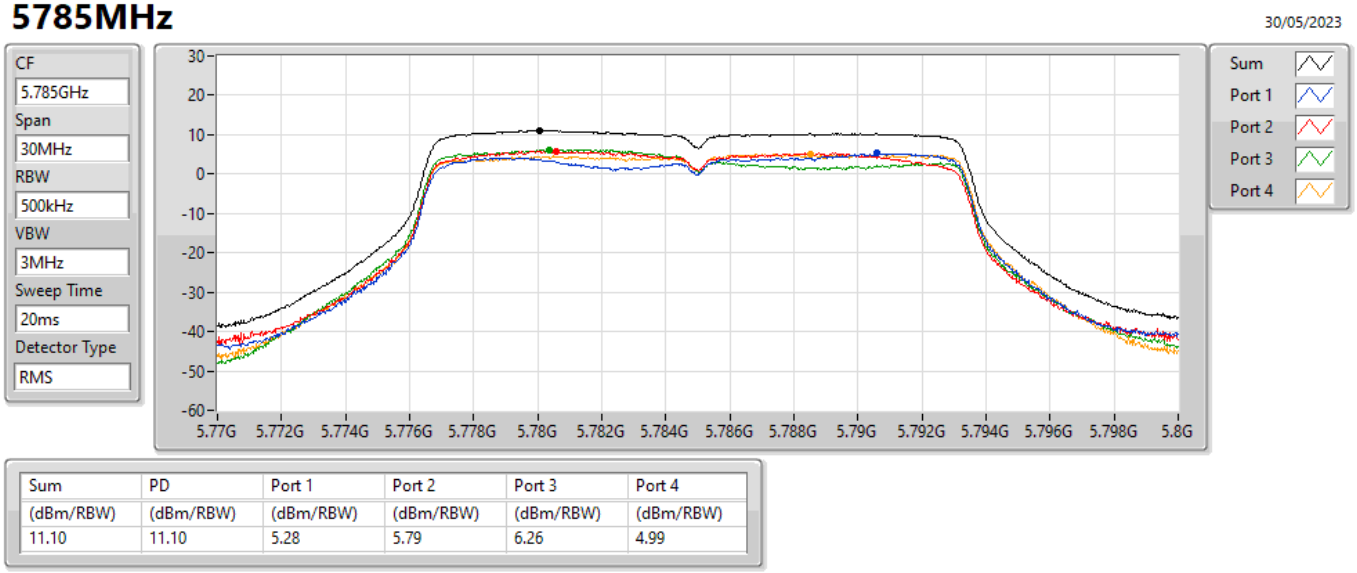
30/05/2023



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.99	12.99	7.00	7.58	8.80	7.54

802.11a_Nss1,(6Mbps)_4TX PSD

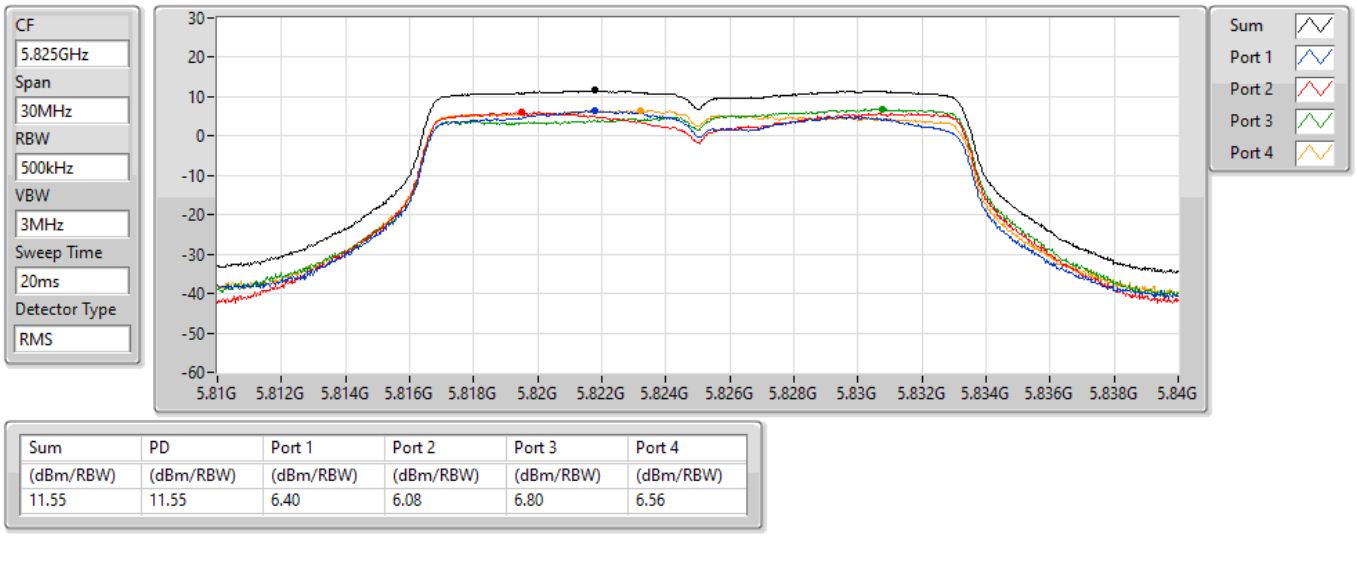
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.10	11.10	5.28	5.79	6.26	4.99

802.11a_Nss1,(6Mbps)_4TX PSD

5825MHz

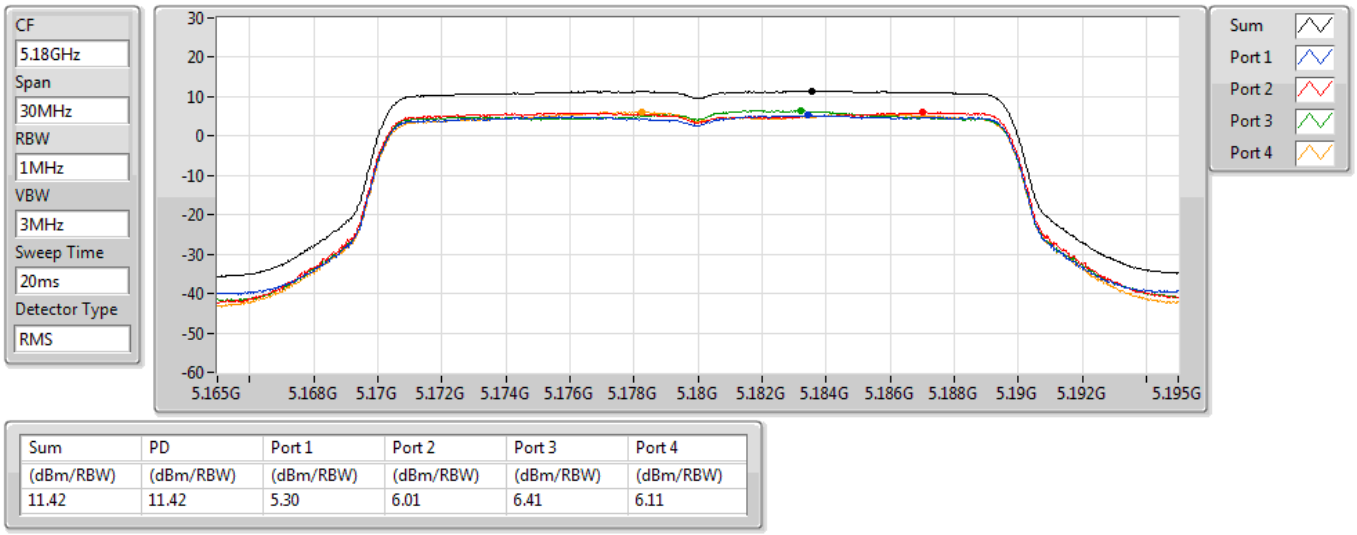


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.55	11.55	6.40	6.08	6.80	6.56

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5180MHz

02/08/2022

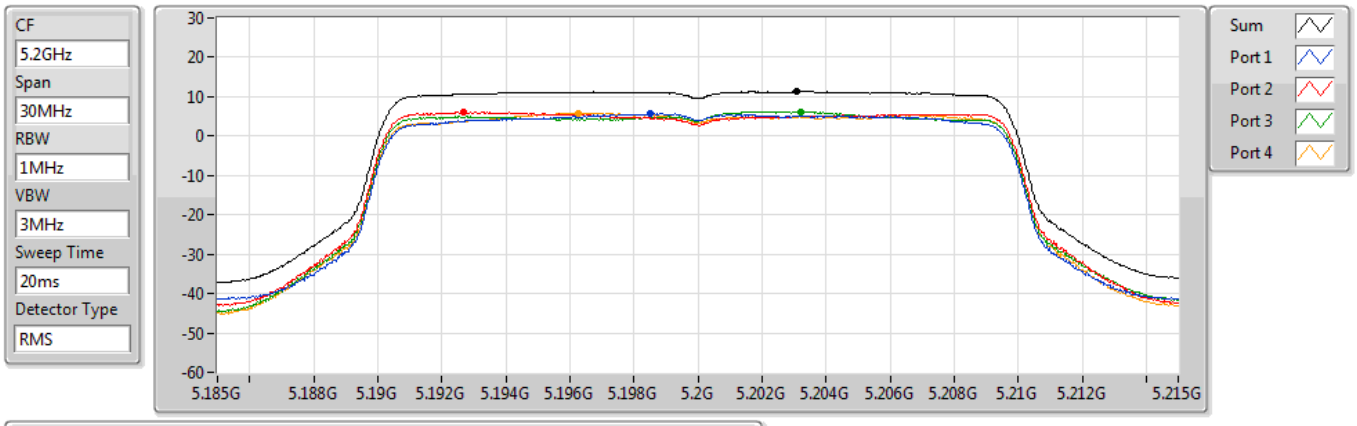


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.42	11.42	5.30	6.01	6.41	6.11

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5200MHz

02/08/2022

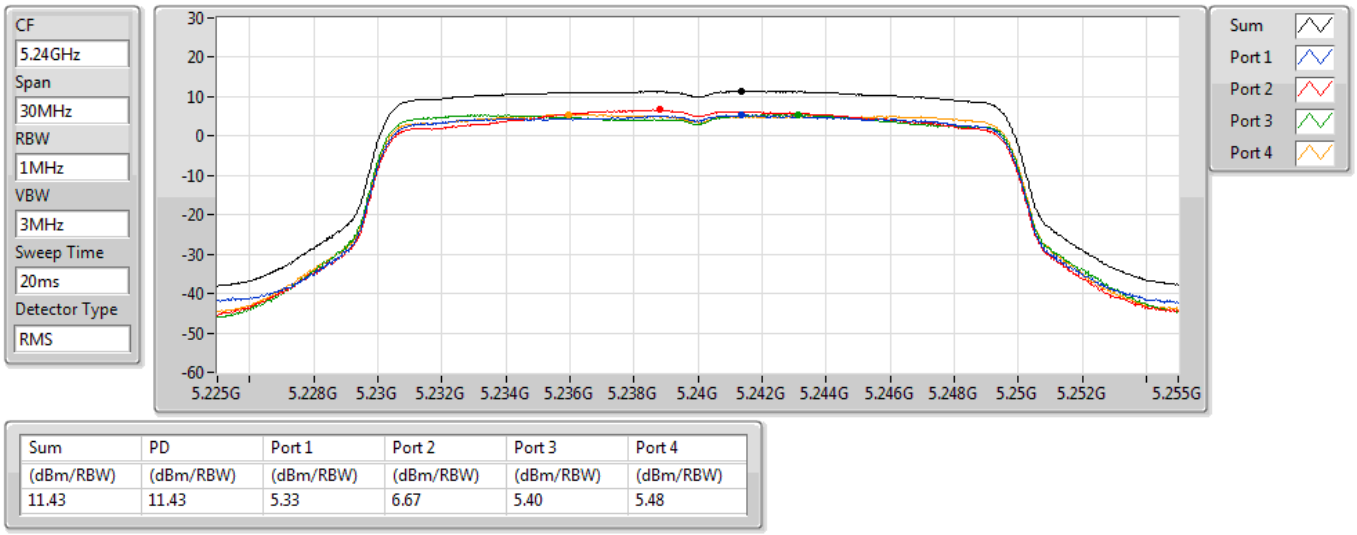


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.29	11.29	5.72	6.00	6.18	5.88

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5240MHz

02/08/2022

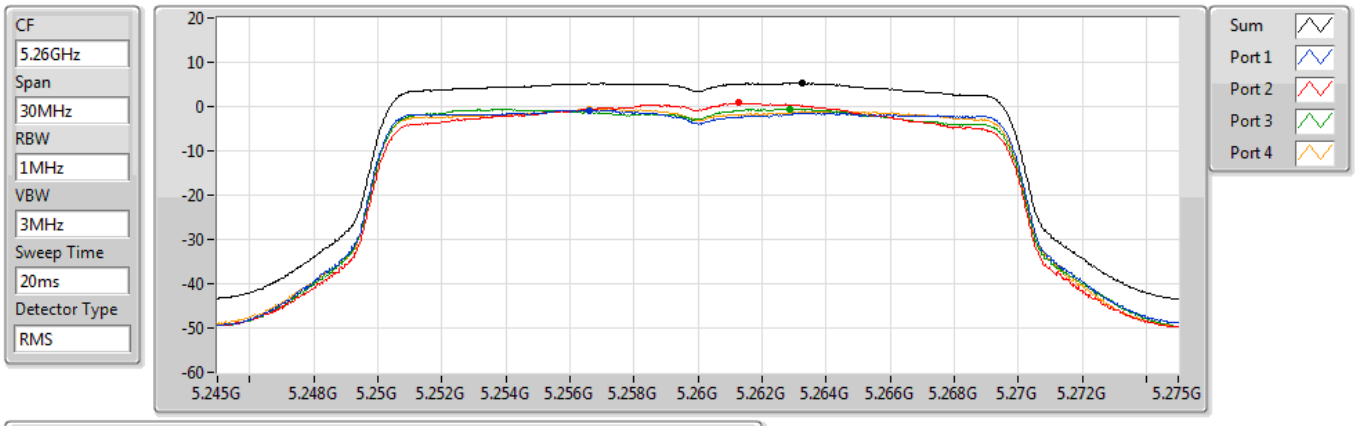


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.43	11.43	5.33	6.67	5.40	5.48

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5260MHz

02/08/2022

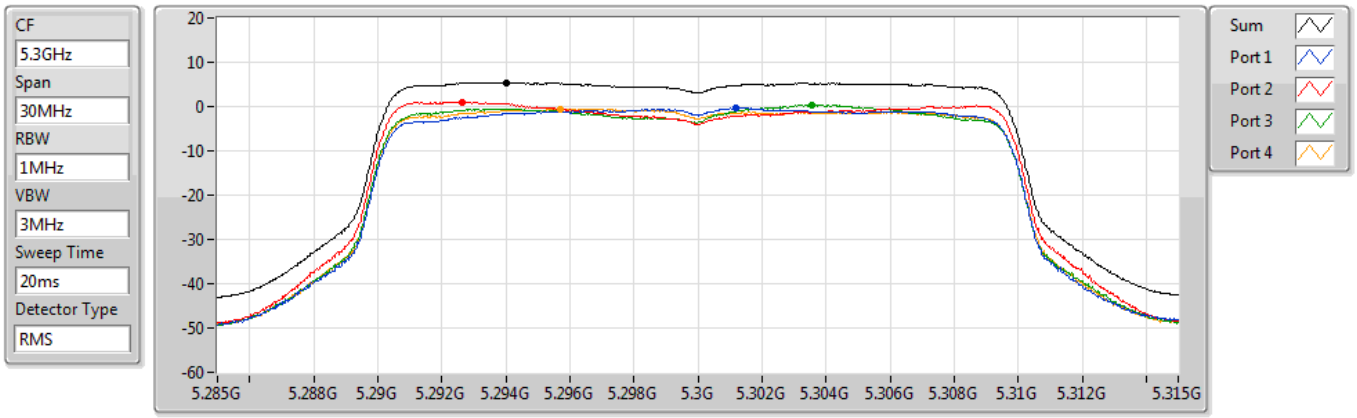


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.29	5.29	-0.79	0.80	-0.54	-0.58

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5300MHz

02/08/2022

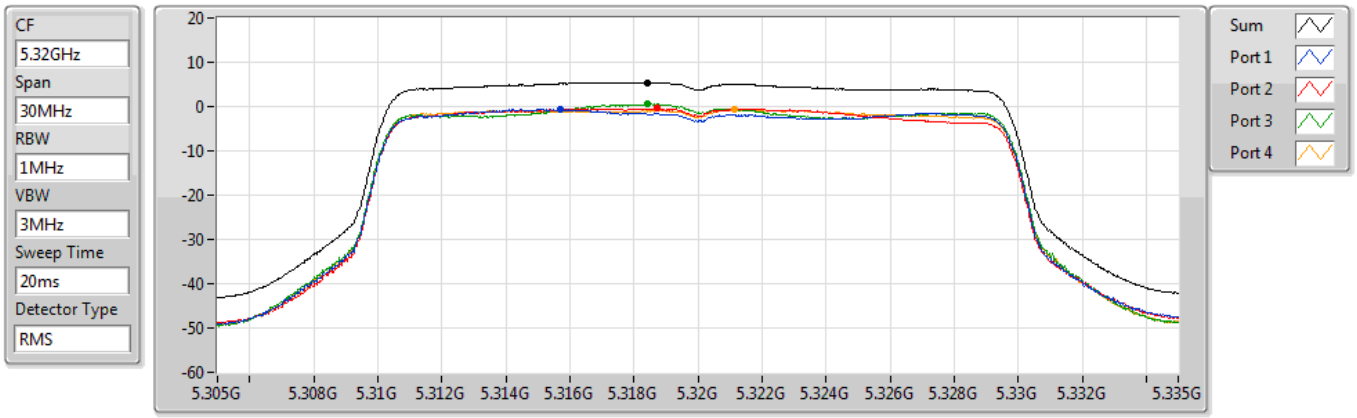


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.46	5.46	-0.29	1.06	0.30	-0.51

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5320MHz

02/08/2022

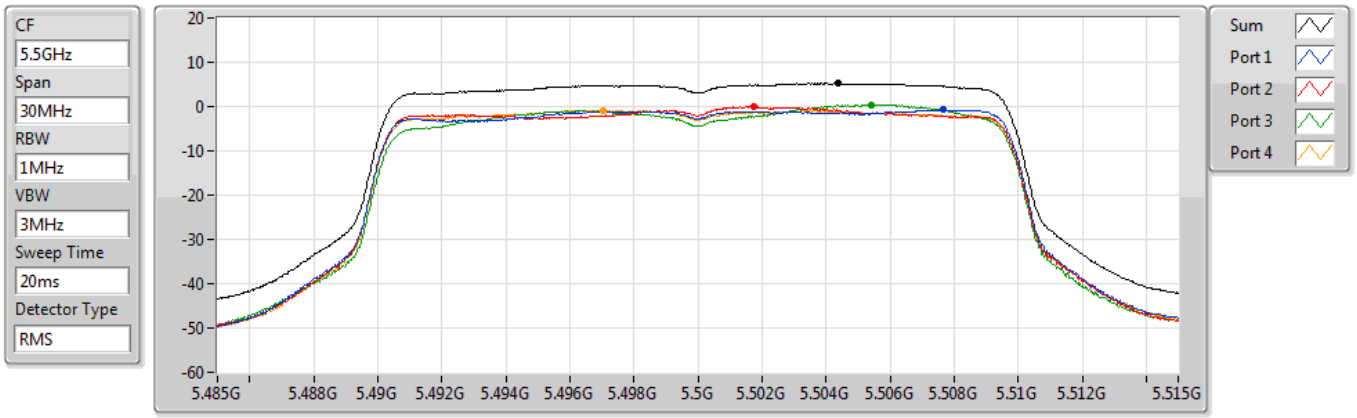


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.44	5.44	-0.67	-0.46	0.66	-0.65

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5500MHz

02/08/2022

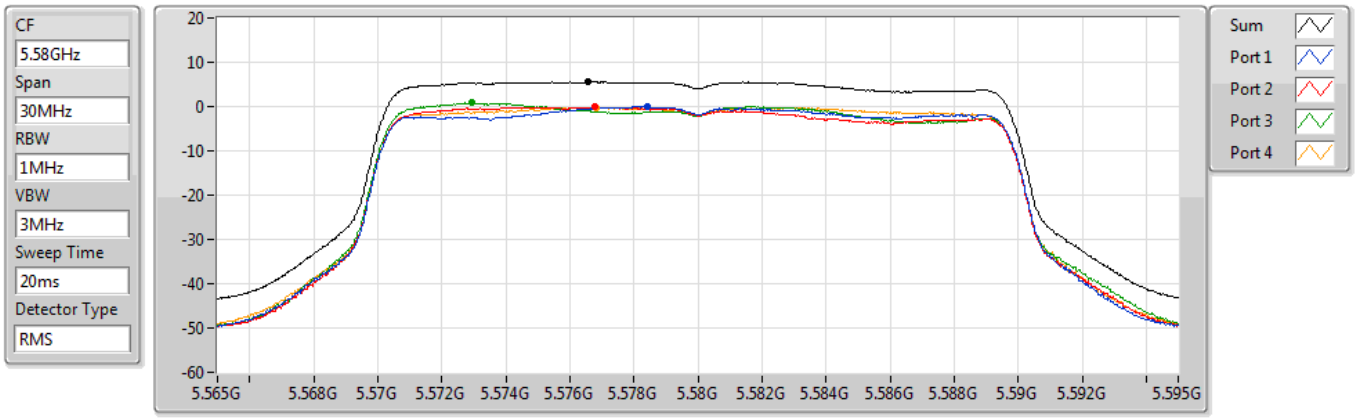


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.24	5.24	-0.75	-0.02	0.41	-0.83

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5580MHz

02/08/2022

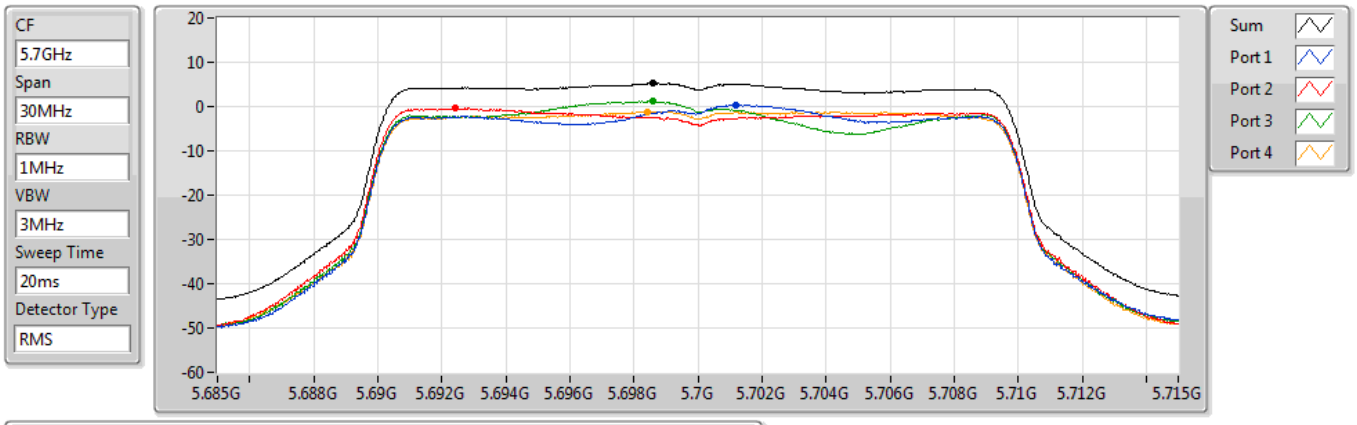


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.54	5.54	-0.04	-0.14	0.80	-0.18

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5700MHz

02/08/2022

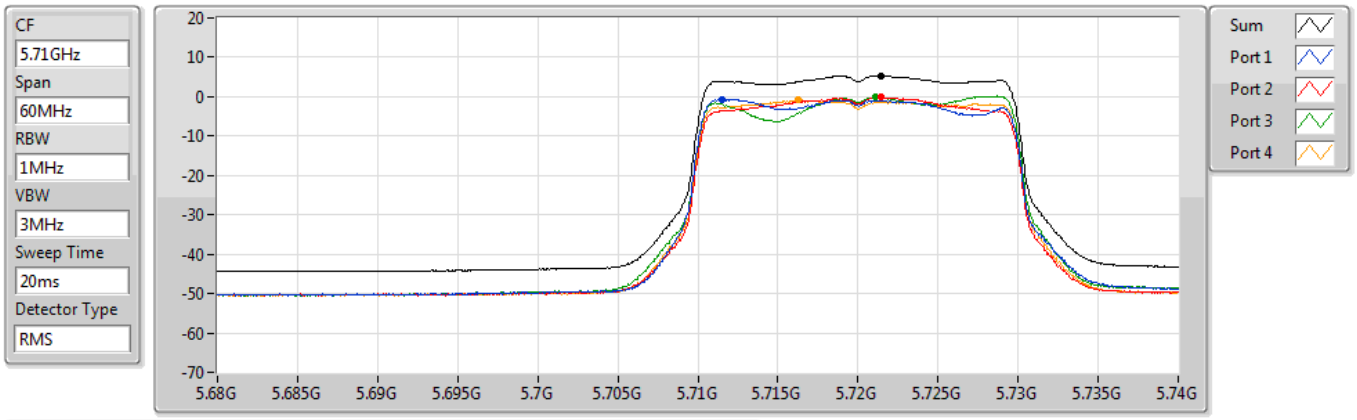


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.24	5.24	0.39	-0.41	1.21	-1.11

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

02/08/2022

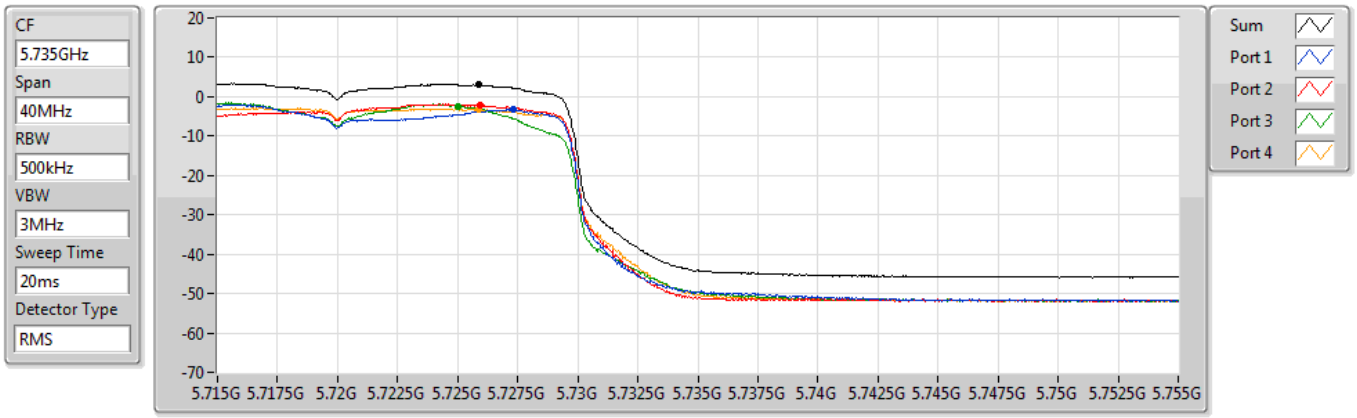


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.34	5.34	-0.69	-0.10	-0.21	-0.90

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

02/08/2022

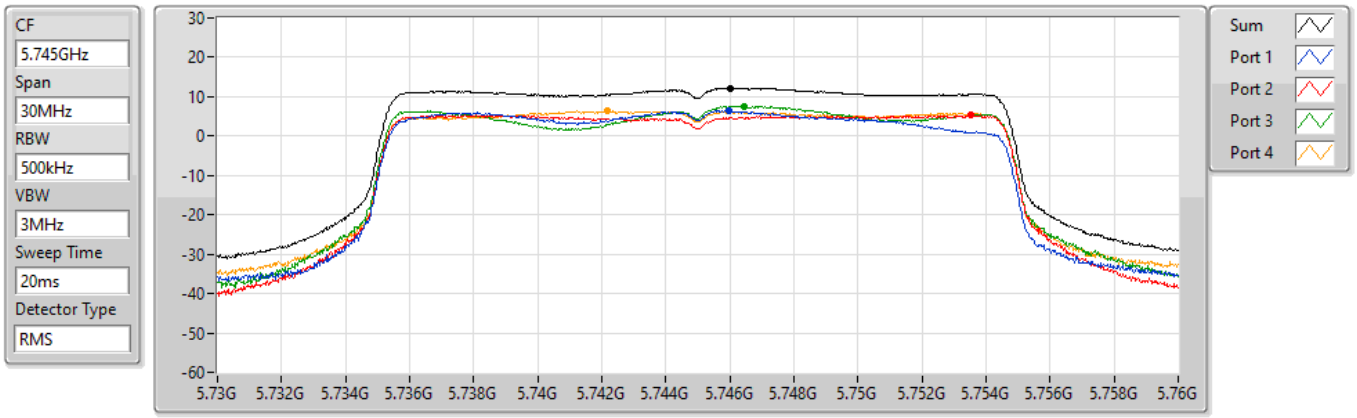


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.99	2.99	-3.24	-2.08	-2.54	-3.23

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5745MHz

30/05/2023

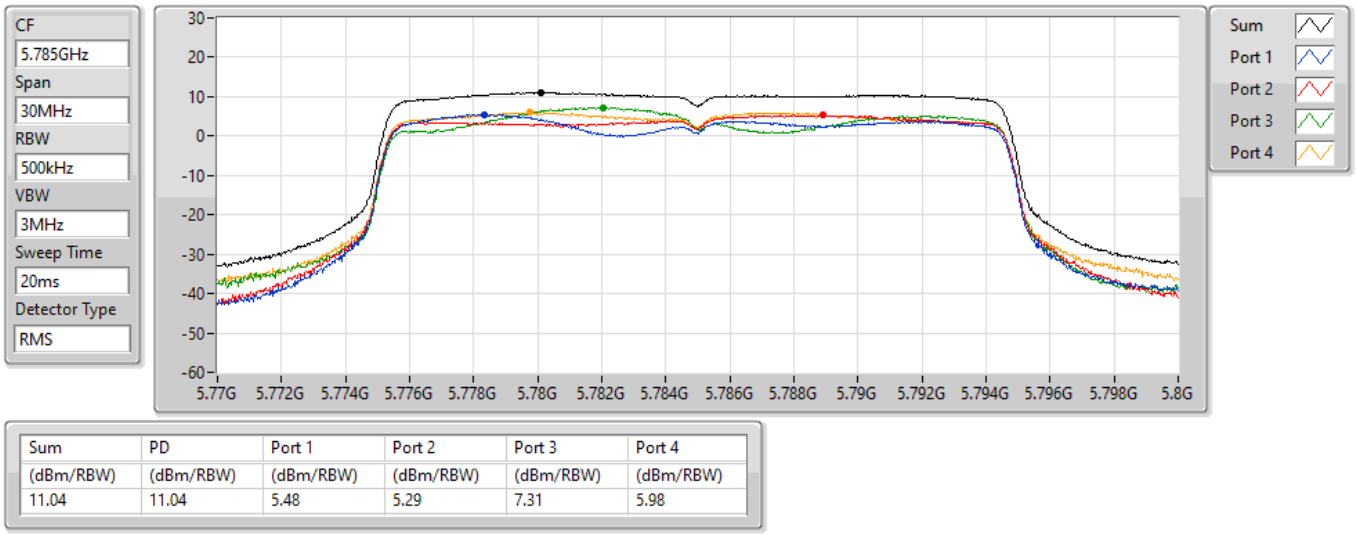


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.24	12.24	6.33	5.31	7.57	6.32

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5785MHz

30/05/2023

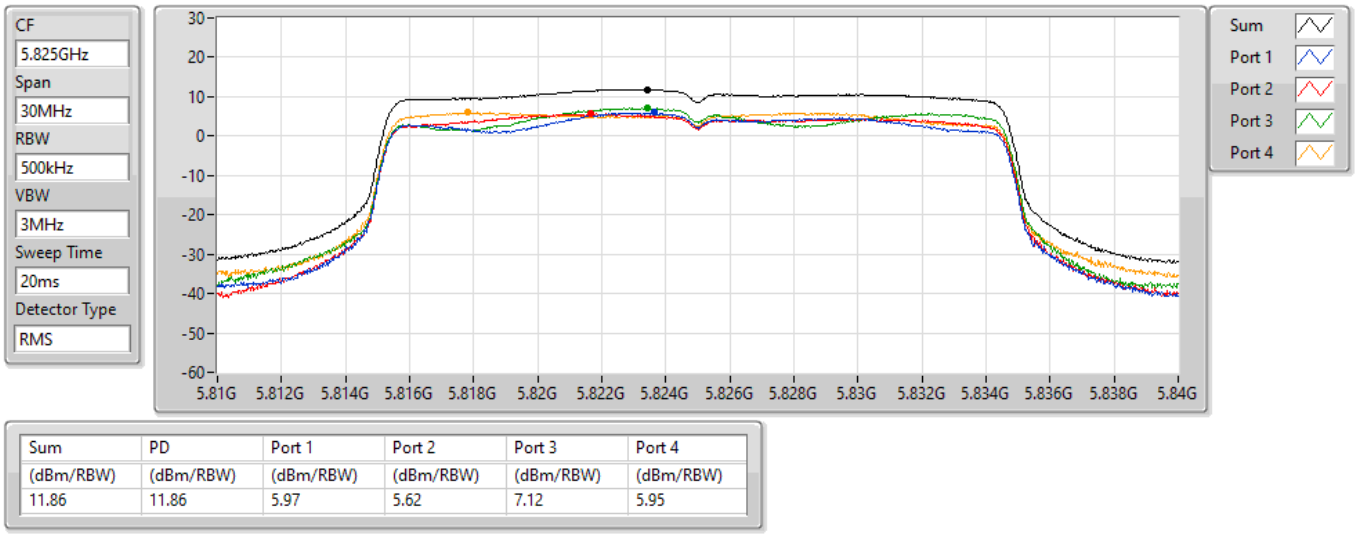


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.04	11.04	5.48	5.29	7.31	5.98

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5825MHz

30/05/2023

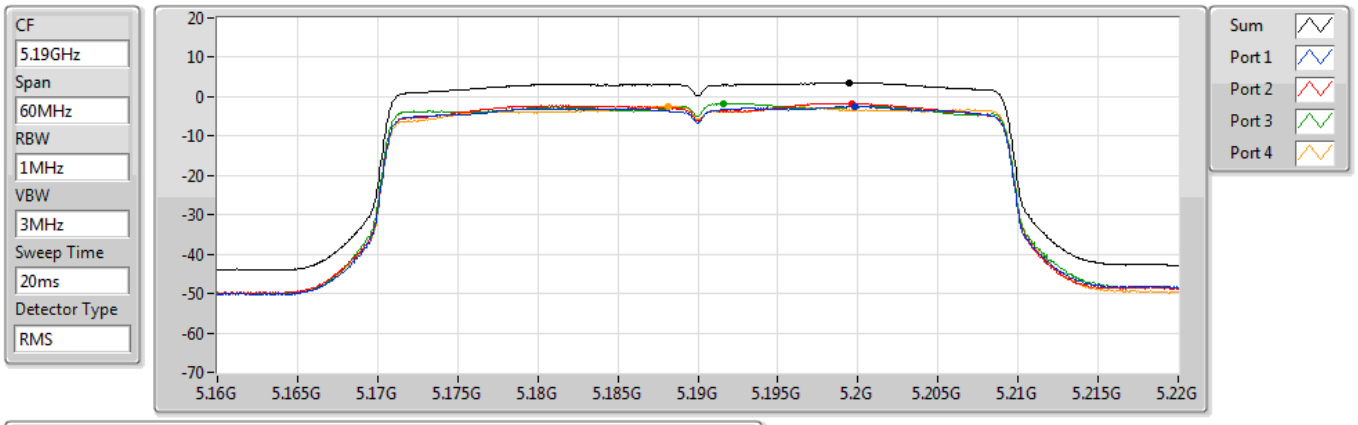


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.86	11.86	5.97	5.62	7.12	5.95

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5190MHz

02/08/2022

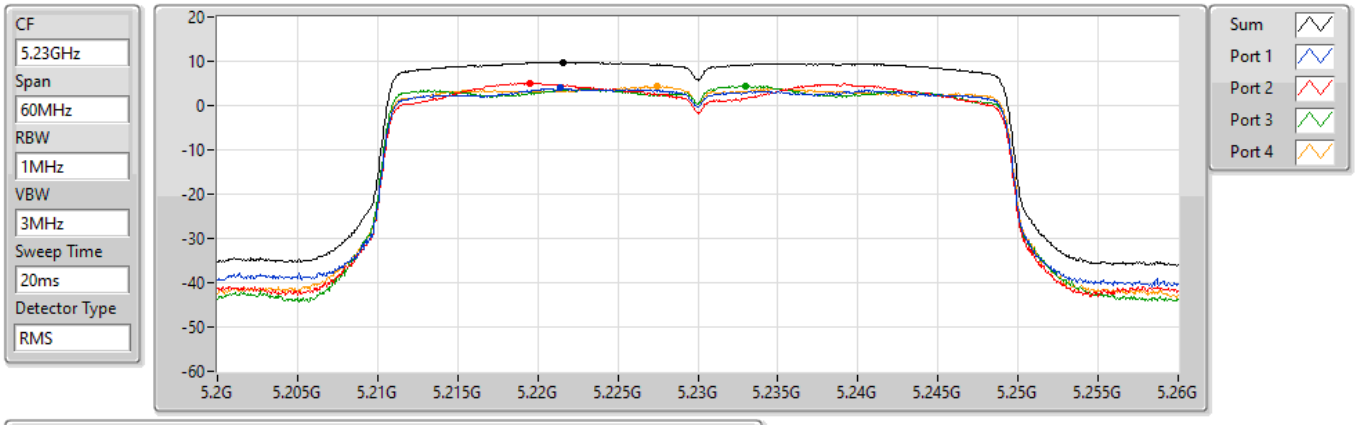


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.53	3.53	-2.46	-1.65	-1.68	-2.35

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5230MHz

30/05/2023



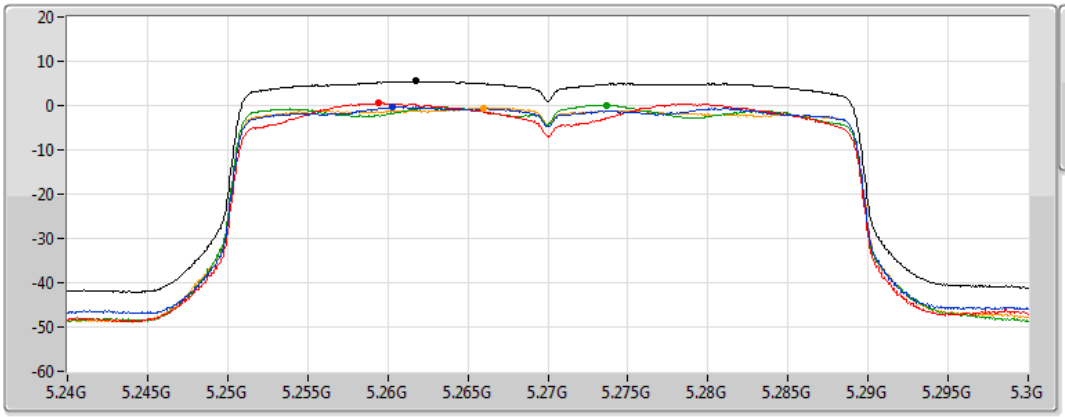
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.84	9.84	3.92	5.05	4.45	4.30

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5270MHz

09/08/2022

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



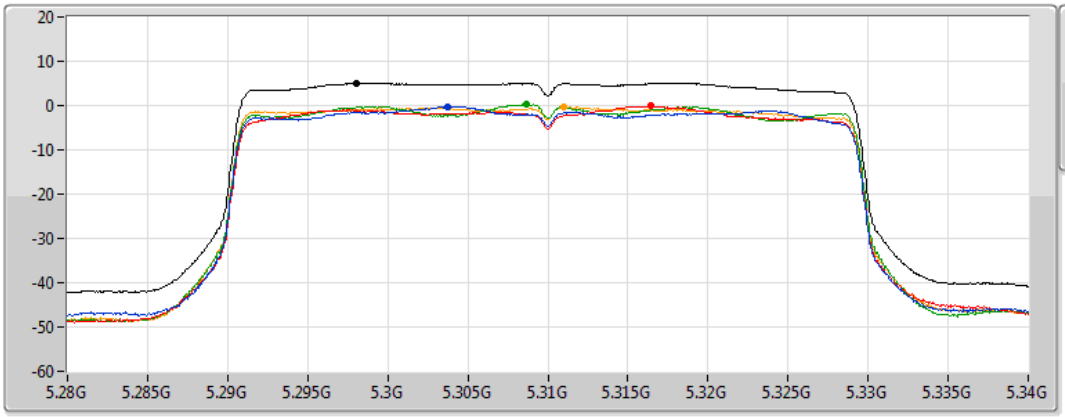
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.49	5.49	-0.32	0.58	0.13	-0.50

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5310MHz

03/08/2022

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

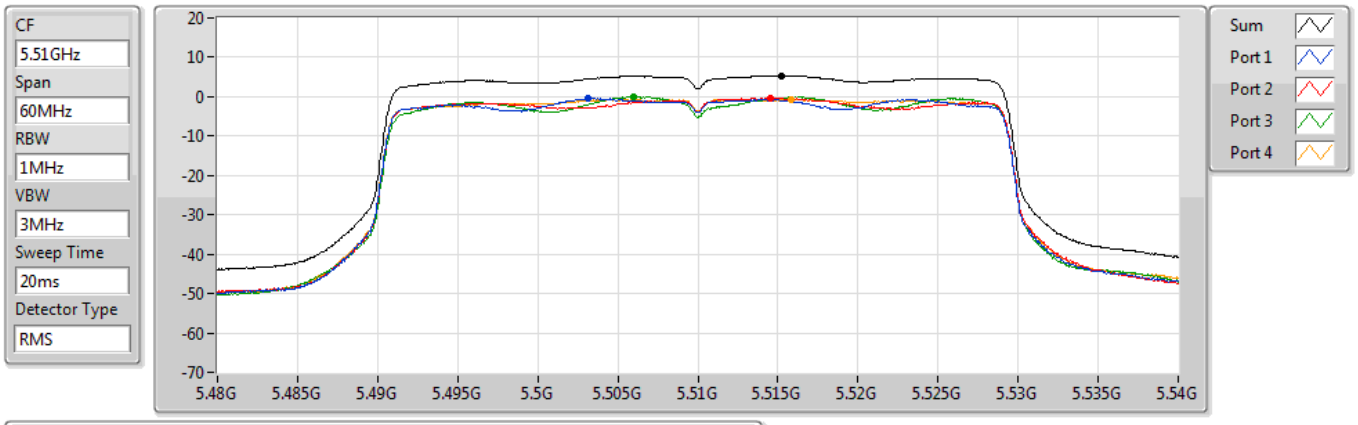


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.05	5.05	-0.26	-0.08	0.31	-0.41

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5510MHz

03/08/2022

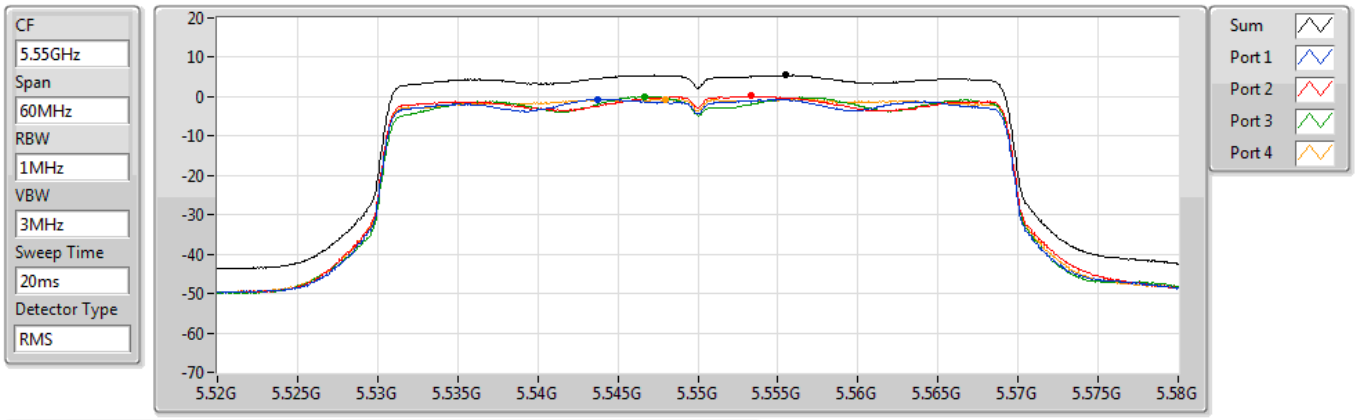


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.39	5.39	-0.41	-0.38	0.04	-0.72

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5550MHz

09/08/2022

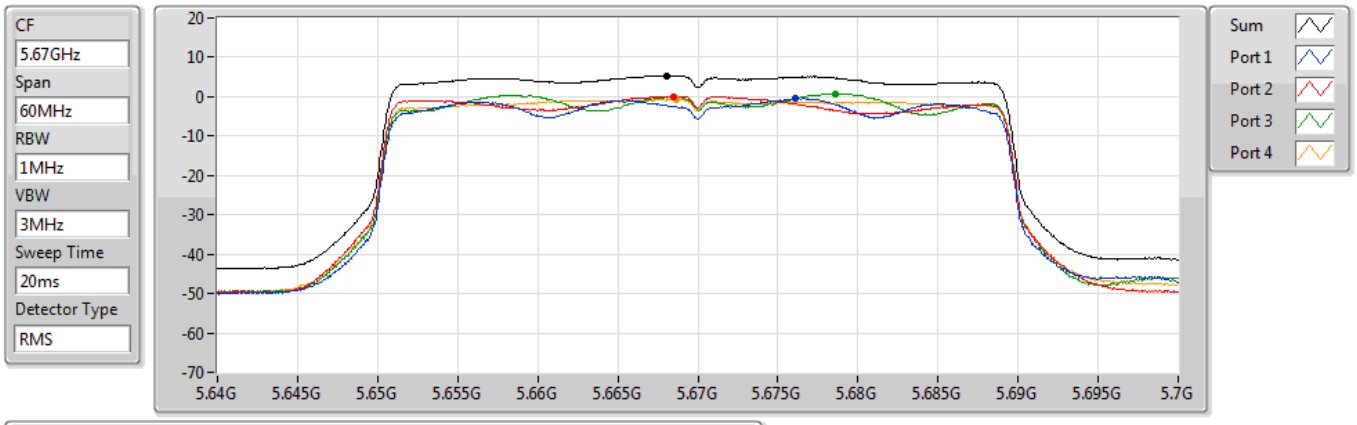


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.44	5.44	-0.58	0.15	0.03	-0.72

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5670MHz

09/08/2022

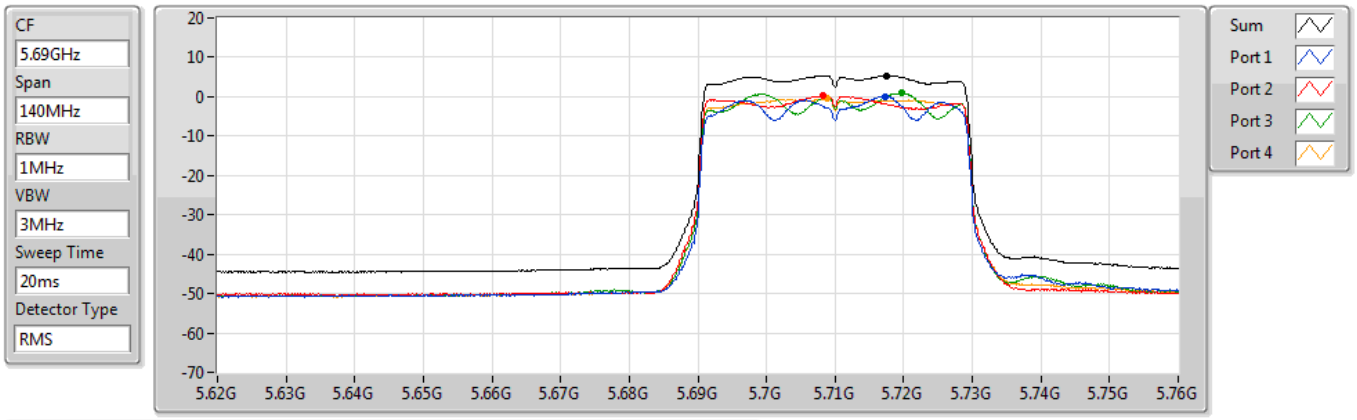


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.33	5.33	-0.45	0.12	0.80	-0.66

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.47-5.725GHz

03/08/2022

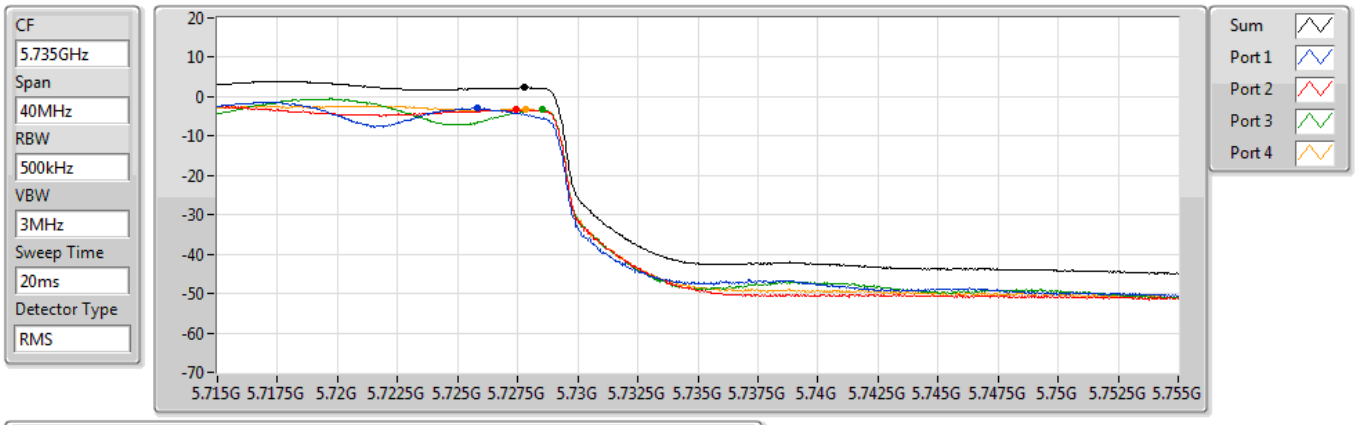


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.41	5.41	0.11	0.25	0.93	-0.38

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.725-5.85GHz

03/08/2022

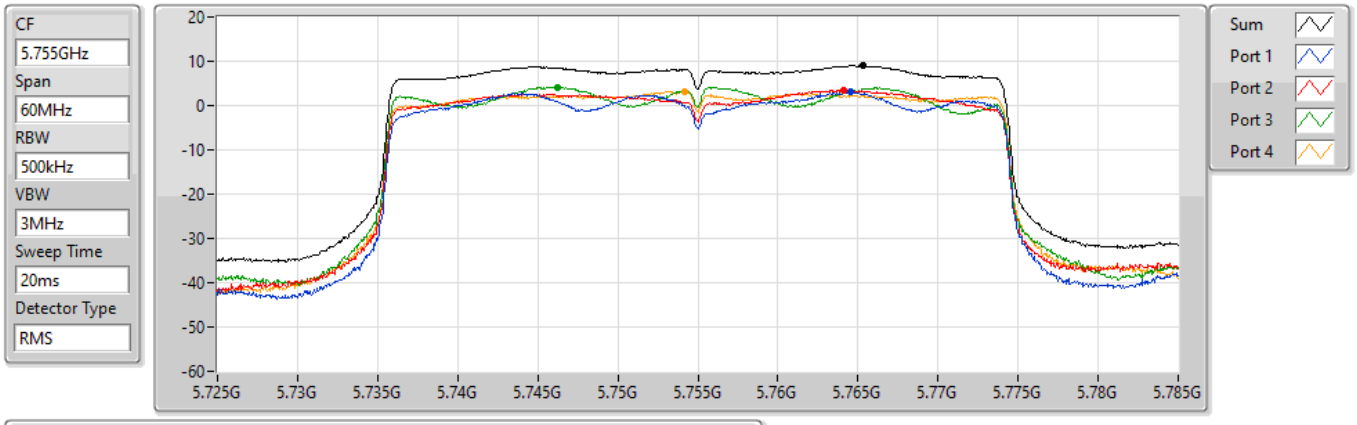


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.32	2.32	-2.93	-3.34	-3.22	-3.05

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5755MHz

30/05/2023

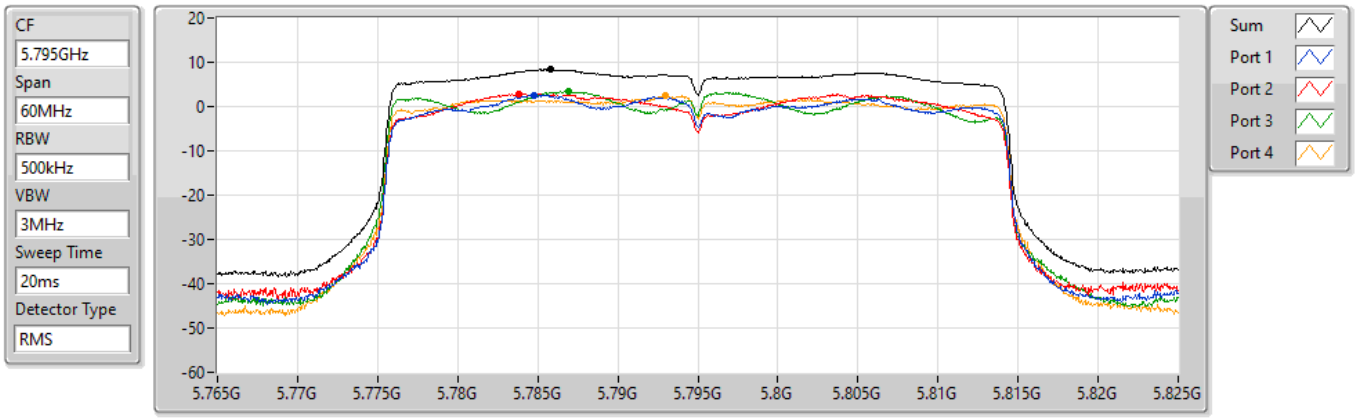


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.99	8.99	2.99	3.55	4.21	3.21

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5795MHz

30/05/2023

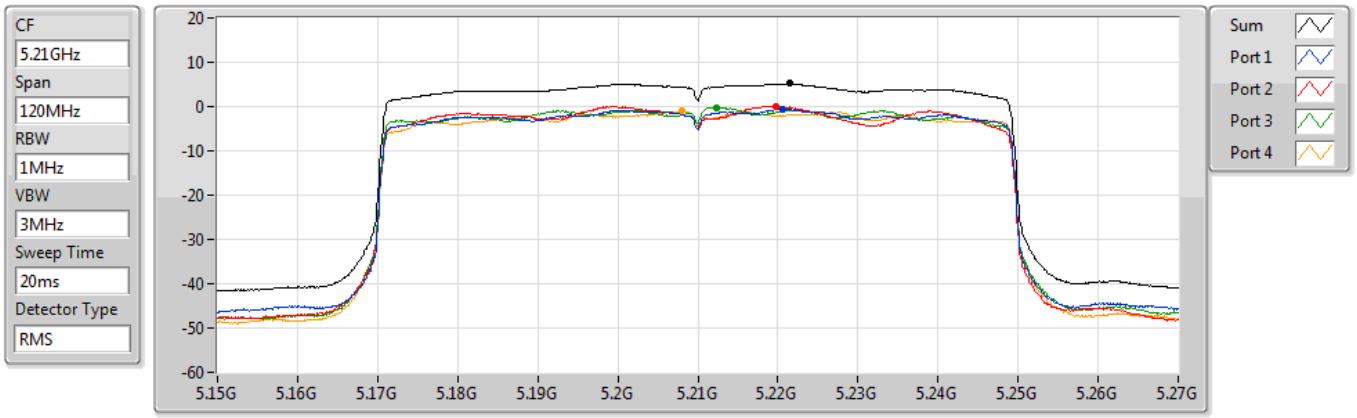


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.42	8.42	2.45	2.94	3.45	2.43

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5210MHz

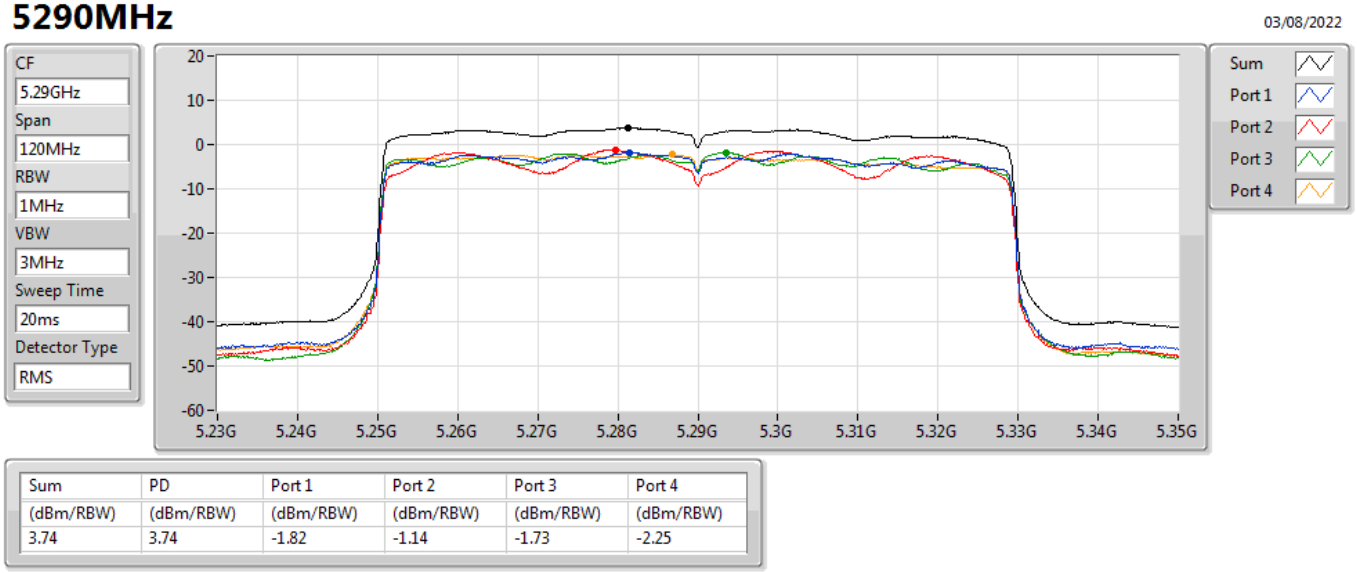
03/08/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.16	5.16	-0.62	0.15	-0.17	-0.95

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

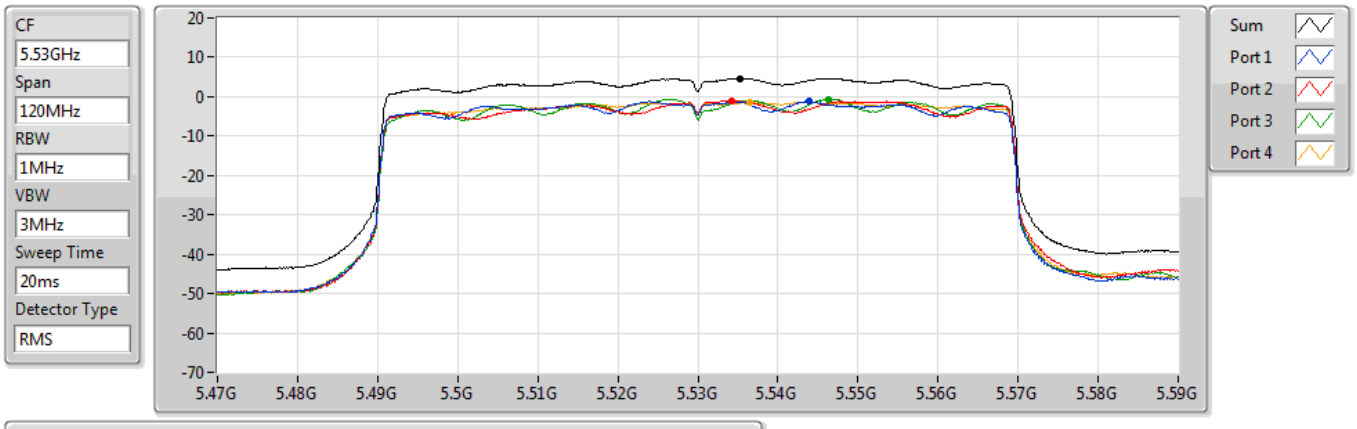
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.74	3.74	-1.82	-1.14	-1.73	-2.25

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5530MHz

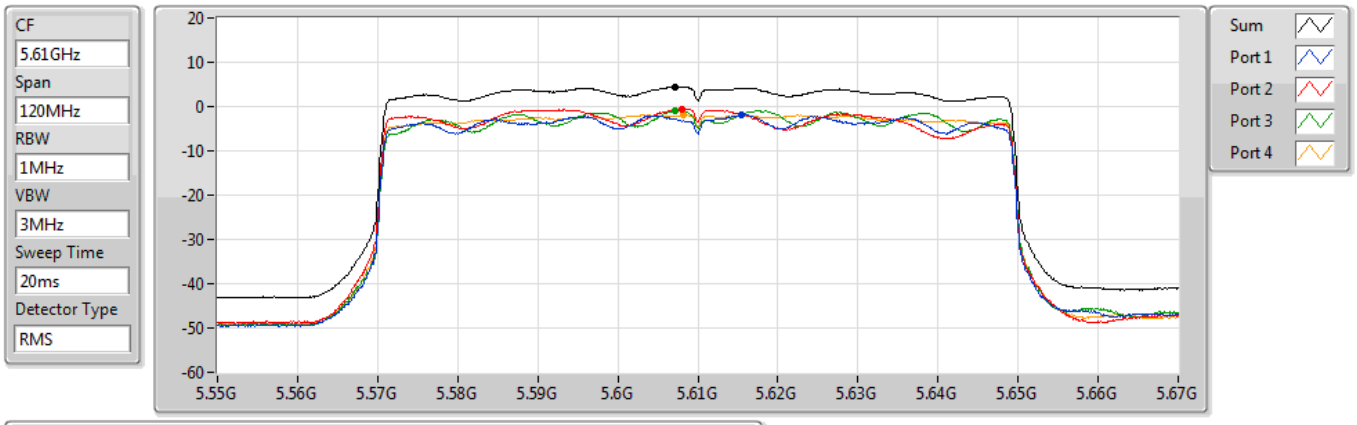


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.67	4.67	-1.16	-1.09	-0.60	-1.36

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5610MHz

09/08/2022

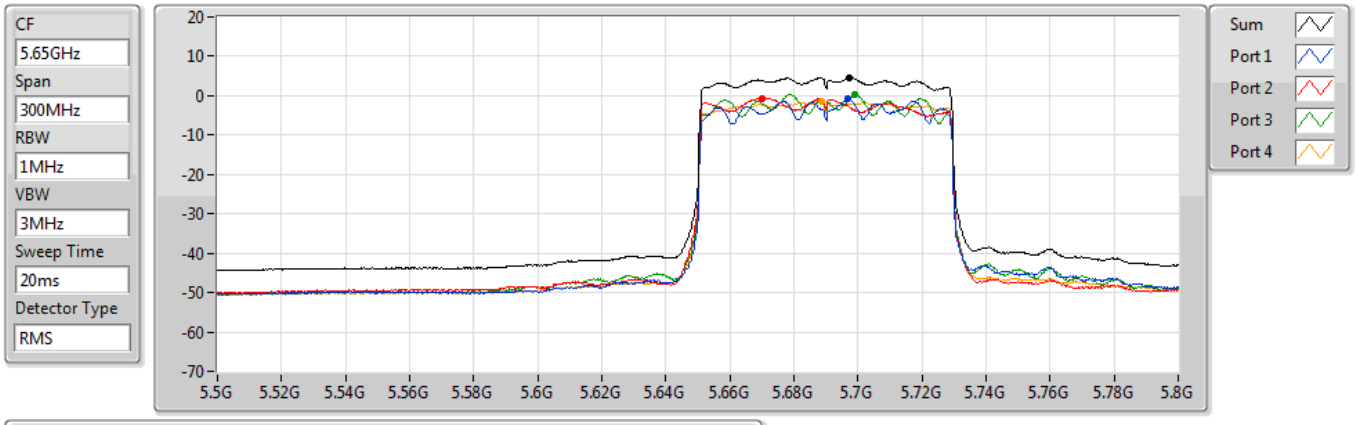


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.44	4.44	-1.83	-0.62	-0.88	-1.85

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

09/08/2022

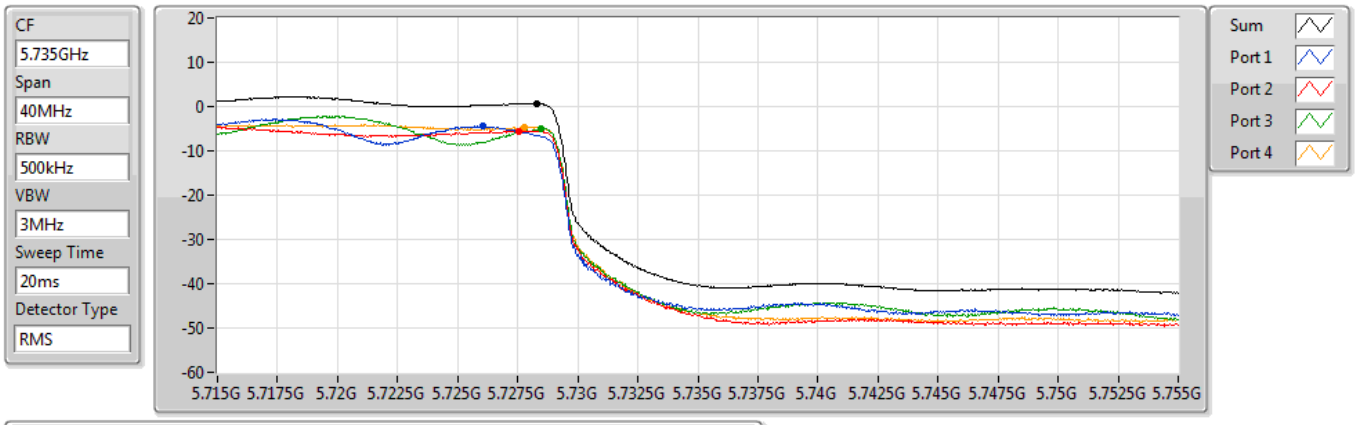


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.49	4.49	-0.88	-0.60	0.27	-1.59

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

09/08/2022

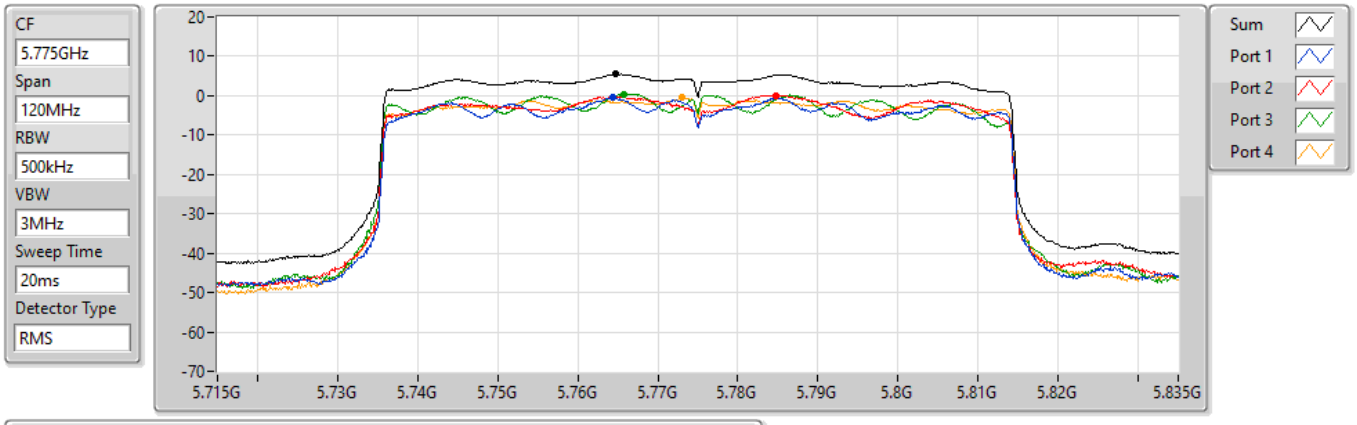


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.60	0.60	-4.45	-5.57	-4.92	-4.68

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5775MHz

30/05/2023



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.49	5.49	-0.47	0.12	0.46	-0.54

Summary

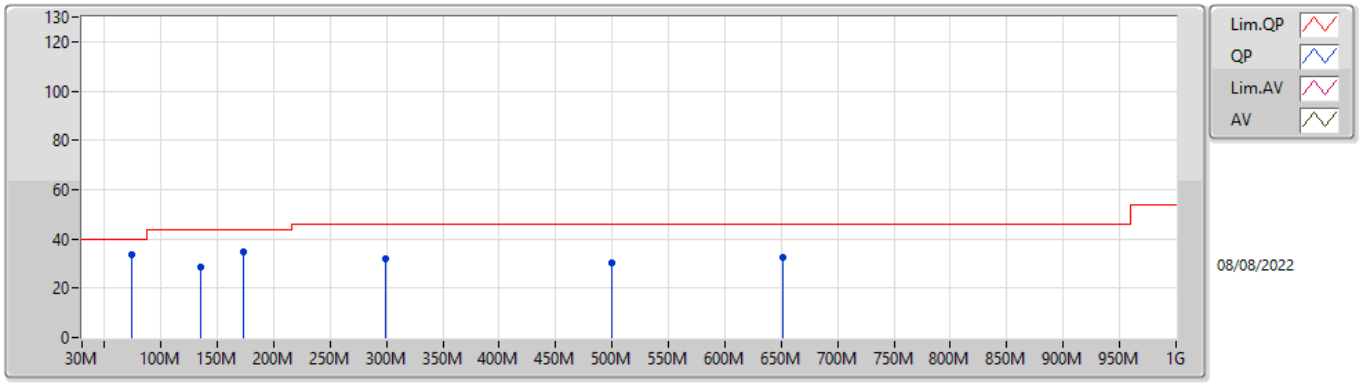
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	749.74M	39.86	46.00	-6.14	3	Horizontal	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	74.62M	33.74	40.00	-6.26	3	Vertical	0	1.00	-
5775MHz	Pass	PK	134.76M	28.74	43.50	-14.76	3	Vertical	0	1.00	-
5775MHz	Pass	PK	173.56M	34.77	43.50	-8.73	3	Vertical	0	1.00	-
5775MHz	Pass	PK	299.66M	32.10	46.00	-13.90	3	Vertical	0	1.00	-
5775MHz	Pass	PK	499.48M	30.32	46.00	-15.68	3	Vertical	0	1.00	-
5775MHz	Pass	PK	650.8M	32.73	46.00	-13.27	3	Vertical	0	1.00	-
5775MHz	Pass	PK	72.68M	30.31	40.00	-9.69	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	113.42M	29.32	43.50	-14.18	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	173.56M	33.38	43.50	-10.12	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	249.22M	31.53	46.00	-14.47	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	505.3M	36.42	46.00	-9.58	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	749.74M	39.86	46.00	-6.14	3	Horizontal	360	1.00	-

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

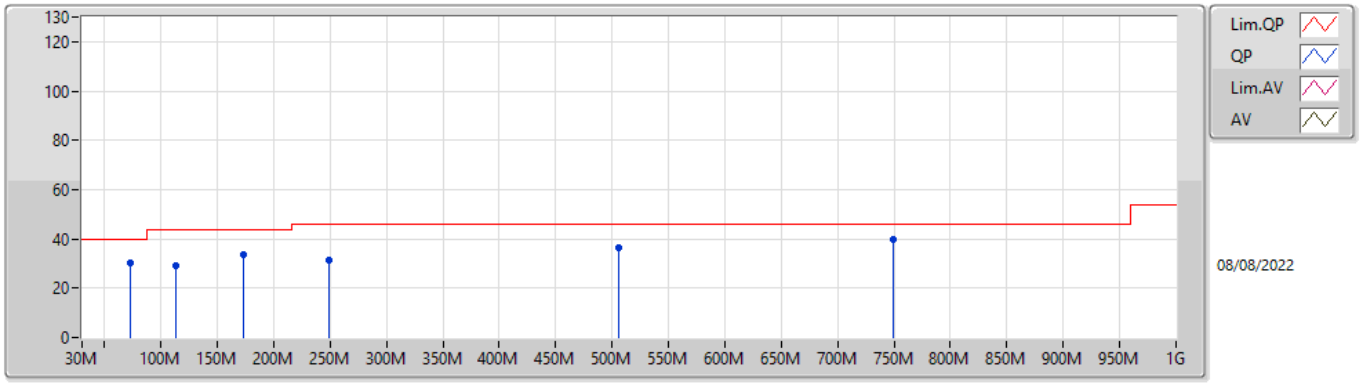
5775MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	74.62M	33.74	40.00	-6.26	-24.16	3	Vertical	0	1.00	-	57.90	11.97	0.79	36.92
PK	134.76M	28.74	43.50	-14.76	-18.50	3	Vertical	0	1.00	-	47.24	16.72	1.27	36.49
PK	173.56M	34.77	43.50	-8.73	-20.46	3	Vertical	0	1.00	-	55.23	14.64	1.36	36.46
PK	299.66M	32.10	46.00	-13.90	-16.32	3	Vertical	0	1.00	-	48.42	18.38	1.71	36.41
PK	499.48M	30.32	46.00	-15.68	-11.53	3	Vertical	0	1.00	-	41.85	23.11	2.34	36.98
PK	650.8M	32.73	46.00	-13.27	-8.64	3	Vertical	0	1.00	-	41.37	25.65	2.88	37.17

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	72.68M	30.31	40.00	-9.69	-24.42	3	Horizontal	360	1.00	-	54.73	11.74	0.78	36.94
PK	113.42M	29.32	43.50	-14.18	-19.17	3	Horizontal	360	1.00	-	48.49	16.39	1.07	36.63
PK	173.56M	33.38	43.50	-10.12	-20.46	3	Horizontal	360	1.00	-	53.84	14.64	1.36	36.46
PK	249.22M	31.53	46.00	-14.47	-17.27	3	Horizontal	360	1.00	-	48.80	17.68	1.53	36.48
PK	505.3M	36.42	46.00	-9.58	-11.46	3	Horizontal	360	1.00	-	47.88	23.18	2.36	37.00
PK	749.74M	39.86	46.00	-6.14	-7.12	3	Horizontal	360	1.00	-	46.98	27.24	3.07	37.43

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	5.1448G	53.52	54.00	-0.48	3	Horizontal	331	1.40	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	5.1472G	53.37	54.00	-0.63	3	Horizontal	306	1.21	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.1484G	53.45	54.00	-0.55	3	Horizontal	305	2.80	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.149G	53.85	54.00	-0.15	3	Horizontal	300	2.86	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	5.35G	53.64	54.00	-0.36	3	Horizontal	293	1.00	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	15.7728G	53.67	54.00	-0.33	3	Vertical	357	1.24	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.3552G	53.68	54.00	-0.32	3	Horizontal	324	1.23	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.355G	53.86	54.00	-0.14	3	Horizontal	324	1.16	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	16.73644G	68.07	68.20	-0.13	3	Vertical	325	1.14	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	16.50336G	67.77	68.20	-0.43	3	Vertical	0	1.11	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	PK	17.1221G	67.92	68.20	-0.28	3	Horizontal	33	2.17	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	5.73G	67.93	68.20	-0.27	3	Vertical	355	2.77	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	17.23424G	67.74	68.20	-0.46	3	Vertical	308	1.01	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	17.2479G	67.98	68.20	-0.22	3	Vertical	321	1.05	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	PK	17.2622G	68.02	68.20	-0.18	3	Vertical	322	1.08	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	5.6438G	67.42	68.20	-0.78	3	Horizontal	24	2.54	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.147G	52.37	54.00	-1.63	3	Vertical	22	1.50	-
5180MHz	Pass	AV	5.186G	108.04	Inf	-Inf	3	Vertical	22	1.50	-
5180MHz	Pass	PK	5.148G	63.74	74.00	-10.26	3	Vertical	22	1.50	-
5180MHz	Pass	PK	5.185G	115.39	Inf	-Inf	3	Vertical	22	1.50	-
5180MHz	Pass	AV	5.15G	53.40	54.00	-0.60	3	Horizontal	330	1.45	-
5180MHz	Pass	AV	5.1834G	111.97	Inf	-Inf	3	Horizontal	330	1.45	-
5180MHz	Pass	PK	5.1498G	65.28	74.00	-8.72	3	Horizontal	330	1.45	-
5180MHz	Pass	PK	5.183G	119.20	Inf	-Inf	3	Horizontal	330	1.45	-
5180MHz	Pass	AV	15.54007G	46.74	54.00	-7.26	3	Vertical	310	1.04	-
5180MHz	Pass	PK	10.36006G	58.40	68.20	-9.80	3	Vertical	348	3.00	-
5180MHz	Pass	PK	15.53962G	58.00	74.00	-16.00	3	Vertical	310	1.04	-
5180MHz	Pass	AV	15.5403G	46.75	54.00	-7.25	3	Horizontal	306	1.50	-
5180MHz	Pass	PK	10.3597G	57.24	68.20	-10.96	3	Horizontal	19	1.52	-
5180MHz	Pass	PK	15.5398G	58.43	74.00	-15.57	3	Horizontal	306	1.50	-
5200MHz	Pass	AV	5.15G	52.79	54.00	-1.21	3	Vertical	349	2.80	-
5200MHz	Pass	AV	5.1928G	114.22	Inf	-Inf	3	Vertical	349	2.80	-
5200MHz	Pass	PK	5.15G	64.19	74.00	-9.81	3	Vertical	349	2.80	-
5200MHz	Pass	PK	5.1932G	121.61	Inf	-Inf	3	Vertical	349	2.80	-
5200MHz	Pass	AV	5.1448G	53.52	54.00	-0.48	3	Horizontal	331	1.40	-
5200MHz	Pass	AV	5.2032G	115.36	Inf	-Inf	3	Horizontal	331	1.40	-
5200MHz	Pass	PK	5.1432G	65.65	74.00	-8.35	3	Horizontal	331	1.40	-
5200MHz	Pass	PK	5.2024G	123.10	Inf	-Inf	3	Horizontal	331	1.40	-
5200MHz	Pass	AV	15.59818G	48.42	54.00	-5.58	3	Vertical	343	1.14	-
5200MHz	Pass	PK	10.40014G	57.39	68.20	-10.81	3	Vertical	10	1.49	-
5200MHz	Pass	PK	15.5978G	59.16	74.00	-14.84	3	Vertical	343	1.14	-
5200MHz	Pass	AV	15.60244G	50.42	54.00	-3.58	3	Horizontal	314	1.94	-
5200MHz	Pass	PK	10.40004G	57.12	68.20	-11.08	3	Horizontal	19	2.09	-
5200MHz	Pass	PK	15.60266G	61.88	74.00	-12.12	3	Horizontal	314	1.94	-
5240MHz	Pass	AV	5.138G	47.77	54.00	-6.23	3	Vertical	46	1.50	-
5240MHz	Pass	AV	5.2346G	113.67	Inf	-Inf	3	Vertical	46	1.50	-
5240MHz	Pass	AV	5.3882G	46.52	54.00	-7.48	3	Vertical	46	1.50	-
5240MHz	Pass	PK	5.111G	58.04	74.00	-15.96	3	Vertical	46	1.50	-
5240MHz	Pass	PK	5.2352G	120.85	Inf	-Inf	3	Vertical	46	1.50	-
5240MHz	Pass	PK	5.3816G	57.65	74.00	-16.35	3	Vertical	46	1.50	-
5240MHz	Pass	AV	5.147G	48.65	54.00	-5.35	3	Horizontal	41	2.28	-
5240MHz	Pass	AV	5.2328G	116.51	Inf	-Inf	3	Horizontal	41	2.28	-
5240MHz	Pass	AV	5.3696G	47.01	54.00	-6.99	3	Horizontal	41	2.28	-
5240MHz	Pass	PK	5.1242G	59.08	74.00	-14.92	3	Horizontal	41	2.28	-
5240MHz	Pass	PK	5.2328G	123.86	Inf	-Inf	3	Horizontal	41	2.28	-
5240MHz	Pass	PK	5.3858G	56.87	74.00	-17.13	3	Horizontal	41	2.28	-
5240MHz	Pass	AV	15.72035G	53.12	54.00	-0.88	3	Vertical	52	1.08	-
5240MHz	Pass	PK	10.4799G	58.60	68.20	-9.60	3	Vertical	11	1.00	-
5240MHz	Pass	PK	15.72019G	64.95	74.00	-9.05	3	Vertical	52	1.08	-
5240MHz	Pass	AV	15.71928G	49.38	54.00	-4.62	3	Horizontal	46	2.00	-
5240MHz	Pass	PK	10.47985G	58.21	68.20	-9.99	3	Horizontal	60	3.00	-
5240MHz	Pass	PK	15.71907G	61.40	74.00	-12.60	3	Horizontal	46	2.00	-
5260MHz	Pass	AV	5.1376G	48.06	54.00	-5.94	3	Vertical	59	1.02	-
5260MHz	Pass	AV	5.2624G	113.25	Inf	-Inf	3	Vertical	59	1.02	-
5260MHz	Pass	AV	5.3968G	47.01	54.00	-6.99	3	Vertical	59	1.02	-
5260MHz	Pass	PK	5.1442G	57.78	74.00	-16.22	3	Vertical	59	1.02	-
5260MHz	Pass	PK	5.2624G	121.24	Inf	-Inf	3	Vertical	59	1.02	-
5260MHz	Pass	PK	5.389G	57.72	74.00	-16.28	3	Vertical	59	1.02	-
5260MHz	Pass	AV	5.1436G	48.09	54.00	-5.91	3	Horizontal	330	1.37	-
5260MHz	Pass	AV	5.2546G	115.47	Inf	-Inf	3	Horizontal	330	1.37	-
5260MHz	Pass	AV	5.3632G	47.50	54.00	-6.50	3	Horizontal	330	1.37	-
5260MHz	Pass	PK	5.134G	58.01	74.00	-15.99	3	Horizontal	330	1.37	-
5260MHz	Pass	PK	5.2546G	123.04	Inf	-Inf	3	Horizontal	330	1.37	-
5260MHz	Pass	PK	5.353G	57.84	74.00	-16.16	3	Horizontal	330	1.37	-
5260MHz	Pass	AV	15.78308G	50.79	54.00	-3.21	3	Vertical	54	1.15	-
5260MHz	Pass	PK	10.52011G	58.58	68.20	-9.62	3	Vertical	11	1.00	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	PK	15.78258G	62.33	74.00	-11.67	3	Vertical	54	1.15	-
5260MHz	Pass	AV	15.78128G	49.02	54.00	-4.98	3	Horizontal	281	1.96	-
5260MHz	Pass	PK	10.51996G	57.84	68.20	-10.36	3	Horizontal	60	2.98	-
5260MHz	Pass	PK	15.78158G	61.27	74.00	-12.73	3	Horizontal	281	1.96	-
5300MHz	Pass	AV	5.2984G	112.68	Inf	-Inf	3	Vertical	326	1.63	-
5300MHz	Pass	AV	5.3512G	50.74	54.00	-3.26	3	Vertical	326	1.63	-
5300MHz	Pass	PK	5.2988G	120.46	Inf	-Inf	3	Vertical	326	1.63	-
5300MHz	Pass	PK	5.3508G	64.83	74.00	-9.17	3	Vertical	326	1.63	-
5300MHz	Pass	AV	5.2968G	116.80	Inf	-Inf	3	Horizontal	291	1.00	-
5300MHz	Pass	AV	5.3504G	52.02	54.00	-1.98	3	Horizontal	291	1.00	-
5300MHz	Pass	PK	5.2972G	124.77	Inf	-Inf	3	Horizontal	291	1.00	-
5300MHz	Pass	PK	5.3568G	63.97	74.00	-10.03	3	Horizontal	291	1.00	-
5300MHz	Pass	AV	10.60005G	52.72	54.00	-1.28	3	Vertical	9	2.58	-
5300MHz	Pass	AV	15.9024G	52.61	54.00	-1.39	3	Vertical	17	1.03	-
5300MHz	Pass	PK	10.59989G	58.85	68.20	-9.35	3	Vertical	9	2.58	-
5300MHz	Pass	PK	15.90148G	63.98	74.00	-10.02	3	Vertical	17	1.03	-
5300MHz	Pass	AV	10.60002G	48.62	54.00	-5.38	3	Horizontal	20	1.63	-
5300MHz	Pass	AV	15.89976G	49.57	54.00	-4.43	3	Horizontal	290	1.03	-
5300MHz	Pass	PK	10.60012G	57.28	74.00	-16.72	3	Horizontal	20	1.63	-
5300MHz	Pass	PK	15.89978G	60.70	74.00	-13.30	3	Horizontal	290	1.03	-
5320MHz	Pass	AV	5.3168G	110.56	Inf	-Inf	3	Vertical	333	2.48	-
5320MHz	Pass	AV	5.3504G	52.84	54.00	-1.16	3	Vertical	333	2.48	-
5320MHz	Pass	PK	5.3166G	118.30	Inf	-Inf	3	Vertical	333	2.48	-
5320MHz	Pass	PK	5.3508G	64.36	74.00	-9.64	3	Vertical	333	2.48	-
5320MHz	Pass	AV	5.3234G	113.72	Inf	-Inf	3	Horizontal	293	1.00	-
5320MHz	Pass	AV	5.35G	53.64	54.00	-0.36	3	Horizontal	293	1.00	-
5320MHz	Pass	PK	5.3232G	121.03	Inf	-Inf	3	Horizontal	293	1.00	-
5320MHz	Pass	PK	5.3502G	63.74	74.00	-10.26	3	Horizontal	293	1.00	-
5320MHz	Pass	AV	10.63998G	52.83	54.00	-1.17	3	Vertical	12	1.05	-
5320MHz	Pass	AV	15.96316G	46.20	54.00	-7.80	3	Vertical	321	2.37	-
5320MHz	Pass	PK	10.64G	59.07	74.00	-14.93	3	Vertical	12	1.05	-
5320MHz	Pass	PK	15.95664G	57.07	74.00	-16.93	3	Vertical	321	2.37	-
5320MHz	Pass	AV	10.64001G	48.33	54.00	-5.67	3	Horizontal	22	1.66	-
5320MHz	Pass	AV	15.96408G	46.33	54.00	-7.67	3	Horizontal	330	1.48	-
5320MHz	Pass	PK	10.64002G	57.11	74.00	-16.89	3	Horizontal	22	1.66	-
5320MHz	Pass	PK	15.95646G	57.74	74.00	-16.26	3	Horizontal	330	1.48	-
5500MHz	Pass	AV	5.4598G	46.93	54.00	-7.07	3	Vertical	0	2.03	-
5500MHz	Pass	AV	5.5044G	108.24	Inf	-Inf	3	Vertical	0	2.03	-
5500MHz	Pass	PK	5.4656G	59.39	68.20	-8.81	3	Vertical	0	2.03	-
5500MHz	Pass	PK	5.504G	115.67	Inf	-Inf	3	Vertical	0	2.03	-
5500MHz	Pass	AV	5.4572G	48.04	54.00	-5.96	3	Horizontal	298	2.72	-
5500MHz	Pass	AV	5.4952G	111.38	Inf	-Inf	3	Horizontal	298	2.72	-
5500MHz	Pass	PK	5.4636G	61.01	68.20	-7.19	3	Horizontal	298	2.72	-
5500MHz	Pass	PK	5.4964G	119.60	Inf	-Inf	3	Horizontal	298	2.72	-
5500MHz	Pass	AV	10.99993G	51.39	54.00	-2.61	3	Vertical	14	1.70	-
5500MHz	Pass	PK	10.99996G	58.31	74.00	-15.69	3	Vertical	14	1.70	-
5500MHz	Pass	PK	16.4957G	62.73	68.20	-5.47	3	Vertical	342	2.50	-
5500MHz	Pass	AV	10.99994G	47.49	54.00	-6.51	3	Horizontal	300	1.55	-
5500MHz	Pass	PK	10.99966G	56.44	74.00	-17.56	3	Horizontal	300	1.55	-
5500MHz	Pass	PK	16.50088G	67.59	68.20	-0.61	3	Horizontal	31	1.87	-
5580MHz	Pass	AV	5.4396G	47.07	54.00	-6.93	3	Vertical	1	2.91	-
5580MHz	Pass	AV	5.5782G	112.51	Inf	-Inf	3	Vertical	1	2.91	-
5580MHz	Pass	PK	5.469G	57.00	68.20	-11.20	3	Vertical	1	2.91	-
5580MHz	Pass	PK	5.5782G	119.64	Inf	-Inf	3	Vertical	1	2.91	-
5580MHz	Pass	PK	5.7282G	57.75	68.20	-10.45	3	Vertical	1	2.91	-
5580MHz	Pass	AV	5.445G	46.99	54.00	-7.01	3	Horizontal	330	1.00	-
5580MHz	Pass	AV	5.5842G	114.17	Inf	-Inf	3	Horizontal	330	1.00	-
5580MHz	Pass	PK	5.4696G	57.98	68.20	-10.22	3	Horizontal	330	1.00	-
5580MHz	Pass	PK	5.5848G	121.24	Inf	-Inf	3	Horizontal	330	1.00	-
5580MHz	Pass	PK	5.7252G	57.60	68.20	-10.60	3	Horizontal	330	1.00	-
5580MHz	Pass	AV	11.15999G	47.56	54.00	-6.44	3	Vertical	355	2.38	-
5580MHz	Pass	PK	11.16022G	57.36	74.00	-16.64	3	Vertical	355	2.38	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	PK	16.73644G	68.07	68.20	-0.13	3	Vertical	325	1.14	-
5580MHz	Pass	AV	11.15986G	47.01	54.00	-6.99	3	Horizontal	304	2.91	-
5580MHz	Pass	PK	11.16018G	56.31	74.00	-17.69	3	Horizontal	304	2.91	-
5580MHz	Pass	PK	16.73899G	67.38	68.20	-0.82	3	Horizontal	22	1.89	-
5700MHz	Pass	AV	5.6988G	111.33	Inf	-Inf	3	Vertical	34	1.22	-
5700MHz	Pass	PK	5.6988G	118.51	Inf	-Inf	3	Vertical	34	1.22	-
5700MHz	Pass	PK	5.7264G	62.79	68.20	-5.41	3	Vertical	34	1.22	-
5700MHz	Pass	AV	5.7012G	111.58	Inf	-Inf	3	Horizontal	2	1.50	-
5700MHz	Pass	PK	5.7016G	118.77	Inf	-Inf	3	Horizontal	2	1.50	-
5700MHz	Pass	PK	5.7268G	67.65	68.20	-0.55	3	Horizontal	2	1.50	-
5700MHz	Pass	AV	11.39983G	47.06	54.00	-6.94	3	Vertical	2	1.13	-
5700MHz	Pass	PK	11.39991G	56.25	74.00	-17.75	3	Vertical	2	1.13	-
5700MHz	Pass	PK	17.09752G	59.05	68.20	-9.15	3	Vertical	52	1.50	-
5700MHz	Pass	AV	11.40001G	48.39	54.00	-5.61	3	Horizontal	3	2.03	-
5700MHz	Pass	PK	11.39996G	56.80	74.00	-17.20	3	Horizontal	3	2.03	-
5700MHz	Pass	PK	17.10438G	60.17	68.20	-8.03	3	Horizontal	0	1.71	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.438G	46.58	54.00	-7.42	3	Vertical	32	2.72	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7164G	116.53	Inf	-Inf	3	Vertical	32	2.72	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	56.97	68.20	-11.23	3	Vertical	32	2.72	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7176G	124.41	Inf	-Inf	3	Vertical	32	2.72	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9864G	59.47	68.20	-8.73	3	Vertical	32	2.72	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4596G	46.75	54.00	-7.25	3	Horizontal	23	1.33	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	116.72	Inf	-Inf	3	Horizontal	23	1.33	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	56.36	68.20	-11.84	3	Horizontal	23	1.33	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7212G	123.97	Inf	-Inf	3	Horizontal	23	1.33	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9912G	59.07	68.20	-9.13	3	Horizontal	23	1.33	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43995G	47.29	54.00	-6.71	3	Vertical	328	1.04	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44001G	58.60	74.00	-15.40	3	Vertical	328	1.04	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.1564G	65.93	68.20	-2.27	3	Vertical	360	2.10	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44008G	46.77	54.00	-7.23	3	Horizontal	14	1.89	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44006G	57.06	74.00	-16.94	3	Horizontal	14	1.89	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15802G	66.28	68.20	-1.92	3	Horizontal	18	1.16	-
5745MHz	Pass	AV	5.7474G	114.99	Inf	-Inf	3	Vertical	360	1.26	-
5745MHz	Pass	PK	5.493G	58.46	68.20	-9.74	3	Vertical	360	1.26	-
5745MHz	Pass	PK	5.7486G	122.53	Inf	-Inf	3	Vertical	360	1.26	-
5745MHz	Pass	PK	6.0414G	58.50	68.20	-9.70	3	Vertical	360	1.26	-
5745MHz	Pass	AV	5.7474G	115.92	Inf	-Inf	3	Horizontal	4	1.43	-
5745MHz	Pass	PK	5.6118G	58.24	68.20	-9.96	3	Horizontal	4	1.43	-
5745MHz	Pass	PK	5.7474G	123.10	Inf	-Inf	3	Horizontal	4	1.43	-
5745MHz	Pass	PK	5.9934G	59.34	68.20	-8.86	3	Horizontal	4	1.43	-
5745MHz	Pass	AV	11.48997G	47.47	54.00	-6.53	3	Vertical	2	1.02	-
5745MHz	Pass	PK	11.48976G	56.88	74.00	-17.12	3	Vertical	2	1.02	-
5745MHz	Pass	PK	17.23424G	67.74	68.20	-0.46	3	Vertical	308	1.01	-
5745MHz	Pass	AV	11.48993G	47.10	54.00	-6.90	3	Horizontal	21	2.78	-
5745MHz	Pass	PK	11.48996G	56.66	74.00	-17.34	3	Horizontal	21	2.78	-
5745MHz	Pass	PK	17.22976G	66.53	68.20	-1.67	3	Horizontal	34	1.18	-
5785MHz	Pass	AV	5.779G	115.99	Inf	-Inf	3	Vertical	31	1.72	-
5785MHz	Pass	PK	5.5978G	58.34	68.20	-9.86	3	Vertical	31	1.72	-
5785MHz	Pass	PK	5.779G	123.20	Inf	-Inf	3	Vertical	31	1.72	-
5785MHz	Pass	PK	6.0346G	59.09	68.20	-9.11	3	Vertical	31	1.72	-
5785MHz	Pass	AV	5.7814G	117.49	Inf	-Inf	3	Horizontal	324	2.74	-
5785MHz	Pass	PK	5.599G	58.05	68.20	-10.15	3	Horizontal	324	2.74	-
5785MHz	Pass	PK	5.7814G	124.62	Inf	-Inf	3	Horizontal	324	2.74	-
5785MHz	Pass	PK	5.9314G	58.79	68.20	-9.41	3	Horizontal	324	2.74	-
5785MHz	Pass	AV	11.56988G	48.10	54.00	-5.90	3	Vertical	0	1.00	-
5785MHz	Pass	PK	11.56984G	56.62	74.00	-17.38	3	Vertical	0	1.00	-
5785MHz	Pass	PK	17.34896G	66.63	68.20	-1.57	3	Vertical	3	1.01	-
5785MHz	Pass	AV	11.57G	46.02	54.00	-7.98	3	Horizontal	44	2.78	-
5785MHz	Pass	PK	11.57008G	55.41	74.00	-18.59	3	Horizontal	44	2.78	-
5785MHz	Pass	PK	17.35324G	64.33	68.20	-3.87	3	Horizontal	37	1.00	-
5825MHz	Pass	AV	5.8226G	116.28	Inf	-Inf	3	Vertical	33	2.75	-
5825MHz	Pass	PK	5.6042G	57.92	68.20	-10.28	3	Vertical	33	2.75	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	PK	5.8214G	123.34	Inf	-Inf	3	Vertical	33	2.75	-
5825MHz	Pass	PK	6.0266G	58.67	68.20	-9.53	3	Vertical	33	2.75	-
5825MHz	Pass	AV	5.8262G	118.22	Inf	-Inf	3	Horizontal	68	2.54	-
5825MHz	Pass	PK	5.5922G	58.18	68.20	-10.02	3	Horizontal	68	2.54	-
5825MHz	Pass	PK	5.8262G	125.26	Inf	-Inf	3	Horizontal	68	2.54	-
5825MHz	Pass	PK	6.0122G	59.54	68.20	-8.66	3	Horizontal	68	2.54	-
5825MHz	Pass	AV	11.64992G	48.69	54.00	-5.31	3	Vertical	0	1.04	-
5825MHz	Pass	PK	11.65032G	56.89	74.00	-17.11	3	Vertical	0	1.04	-
5825MHz	Pass	PK	17.47668G	64.46	68.20	-3.74	3	Vertical	18	1.00	-
5825MHz	Pass	AV	11.65G	45.02	54.00	-8.98	3	Horizontal	337	1.26	-
5825MHz	Pass	PK	11.64704G	55.95	74.00	-18.05	3	Horizontal	337	1.26	-
5825MHz	Pass	PK	17.47012G	64.80	68.20	-3.40	3	Horizontal	30	1.84	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1492G	53.33	54.00	-0.67	3	Vertical	27	1.19	-
5180MHz	Pass	AV	5.1758G	109.36	Inf	-Inf	3	Vertical	27	1.19	-
5180MHz	Pass	PK	5.1478G	66.74	74.00	-7.26	3	Vertical	27	1.19	-
5180MHz	Pass	PK	5.175G	121.04	Inf	-Inf	3	Vertical	27	1.19	-
5180MHz	Pass	AV	5.1396G	53.27	54.00	-0.73	3	Horizontal	308	2.78	-
5180MHz	Pass	AV	5.1784G	113.45	Inf	-Inf	3	Horizontal	308	2.78	-
5180MHz	Pass	PK	5.1474G	64.82	74.00	-9.18	3	Horizontal	308	2.78	-
5180MHz	Pass	PK	5.1792G	124.18	Inf	-Inf	3	Horizontal	308	2.78	-
5180MHz	Pass	AV	15.54648G	46.64	54.00	-7.36	3	Vertical	337	1.06	-
5180MHz	Pass	PK	10.36016G	56.33	68.20	-11.87	3	Vertical	351	1.50	-
5180MHz	Pass	PK	15.54208G	58.04	74.00	-15.96	3	Vertical	337	1.06	-
5180MHz	Pass	AV	15.55152G	46.25	54.00	-7.75	3	Horizontal	316	1.50	-
5180MHz	Pass	PK	10.36G	56.74	68.20	-11.46	3	Horizontal	20	2.15	-
5180MHz	Pass	PK	15.55248G	57.34	74.00	-16.66	3	Horizontal	316	1.50	-
5200MHz	Pass	AV	5.1488G	52.15	54.00	-1.85	3	Vertical	52	1.62	-
5200MHz	Pass	AV	5.2072G	111.50	Inf	-Inf	3	Vertical	52	1.62	-
5200MHz	Pass	PK	5.1496G	65.10	74.00	-8.90	3	Vertical	52	1.62	-
5200MHz	Pass	PK	5.2076G	120.95	Inf	-Inf	3	Vertical	52	1.62	-
5200MHz	Pass	AV	5.1472G	53.37	54.00	-0.63	3	Horizontal	306	1.21	-
5200MHz	Pass	AV	5.1956G	116.67	Inf	-Inf	3	Horizontal	306	1.21	-
5200MHz	Pass	PK	5.1468G	65.98	74.00	-8.02	3	Horizontal	306	1.21	-
5200MHz	Pass	PK	5.1944G	126.19	Inf	-Inf	3	Horizontal	306	1.21	-
5200MHz	Pass	AV	15.59868G	53.21	54.00	-0.79	3	Vertical	15	1.00	-
5200MHz	Pass	PK	10.4G	57.17	68.20	-11.03	3	Vertical	17	1.00	-
5200MHz	Pass	PK	15.59936G	69.13	74.00	-4.87	3	Vertical	15	1.00	-
5200MHz	Pass	AV	15.60224G	52.63	54.00	-1.37	3	Horizontal	320	1.94	-
5200MHz	Pass	PK	10.4002G	56.00	68.20	-12.20	3	Horizontal	22	1.56	-
5200MHz	Pass	PK	15.60352G	66.76	74.00	-7.24	3	Horizontal	320	1.94	-
5240MHz	Pass	AV	5.1416G	47.92	54.00	-6.08	3	Vertical	324	2.61	-
5240MHz	Pass	AV	5.2382G	114.13	Inf	-Inf	3	Vertical	324	2.61	-
5240MHz	Pass	AV	5.3864G	46.67	54.00	-7.33	3	Vertical	324	2.61	-
5240MHz	Pass	PK	5.1416G	59.80	74.00	-14.20	3	Vertical	324	2.61	-
5240MHz	Pass	PK	5.2376G	125.23	Inf	-Inf	3	Vertical	324	2.61	-
5240MHz	Pass	PK	5.3684G	58.95	74.00	-15.05	3	Vertical	324	2.61	-
5240MHz	Pass	AV	5.1488G	49.68	54.00	-4.32	3	Horizontal	288	1.00	-
5240MHz	Pass	AV	5.243G	116.77	Inf	-Inf	3	Horizontal	288	1.00	-
5240MHz	Pass	AV	5.3762G	47.74	54.00	-6.26	3	Horizontal	288	1.00	-
5240MHz	Pass	PK	5.1182G	60.92	74.00	-13.08	3	Horizontal	288	1.00	-
5240MHz	Pass	PK	5.243G	126.25	Inf	-Inf	3	Horizontal	288	1.00	-
5240MHz	Pass	PK	5.3876G	58.73	74.00	-15.27	3	Horizontal	288	1.00	-
5240MHz	Pass	AV	15.72232G	53.12	54.00	-0.88	3	Vertical	360	1.14	-
5240MHz	Pass	PK	10.48008G	57.31	68.20	-10.89	3	Vertical	36	2.21	-
5240MHz	Pass	PK	15.72112G	66.98	74.00	-7.02	3	Vertical	360	1.14	-
5240MHz	Pass	AV	15.72812G	52.38	54.00	-1.62	3	Horizontal	51	1.89	-
5240MHz	Pass	PK	10.47988G	57.50	68.20	-10.70	3	Horizontal	64	3.00	-
5240MHz	Pass	PK	15.72764G	66.44	74.00	-7.56	3	Horizontal	51	1.89	-
5260MHz	Pass	AV	5.1418G	47.79	54.00	-6.21	3	Vertical	315	2.83	-
5260MHz	Pass	AV	5.2564G	113.93	Inf	-Inf	3	Vertical	315	2.83	-
5260MHz	Pass	AV	5.4004G	47.10	54.00	-6.90	3	Vertical	315	2.83	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	PK	5.1244G	59.56	74.00	-14.44	3	Vertical	315	2.83	-
5260MHz	Pass	PK	5.2576G	124.31	Inf	-Inf	3	Vertical	315	2.83	-
5260MHz	Pass	PK	5.3902G	57.90	74.00	-16.10	3	Vertical	315	2.83	-
5260MHz	Pass	AV	5.15G	48.07	54.00	-5.93	3	Horizontal	326	1.26	-
5260MHz	Pass	AV	5.2612G	114.84	Inf	-Inf	3	Horizontal	326	1.26	-
5260MHz	Pass	AV	5.3644G	47.73	54.00	-6.27	3	Horizontal	326	1.26	-
5260MHz	Pass	PK	5.1142G	59.61	74.00	-14.39	3	Horizontal	326	1.26	-
5260MHz	Pass	PK	5.2612G	126.06	Inf	-Inf	3	Horizontal	326	1.26	-
5260MHz	Pass	PK	5.4088G	59.23	74.00	-14.77	3	Horizontal	326	1.26	-
5260MHz	Pass	AV	15.7728G	53.67	54.00	-0.33	3	Vertical	357	1.24	-
5260MHz	Pass	PK	10.52004G	58.89	68.20	-9.31	3	Vertical	8	1.63	-
5260MHz	Pass	PK	15.77064G	67.04	74.00	-6.96	3	Vertical	357	1.24	-
5260MHz	Pass	AV	15.78032G	52.69	54.00	-1.31	3	Horizontal	42	1.99	-
5260MHz	Pass	PK	10.52004G	57.34	68.20	-10.86	3	Horizontal	17	1.72	-
5260MHz	Pass	PK	15.7796G	67.39	74.00	-6.61	3	Horizontal	42	1.99	-
5300MHz	Pass	AV	5.2968G	110.14	Inf	-Inf	3	Vertical	282	1.50	-
5300MHz	Pass	AV	5.356G	47.55	54.00	-6.45	3	Vertical	282	1.50	-
5300MHz	Pass	PK	5.2976G	120.66	Inf	-Inf	3	Vertical	282	1.50	-
5300MHz	Pass	PK	5.394G	58.80	74.00	-15.20	3	Vertical	282	1.50	-
5300MHz	Pass	AV	5.2984G	112.85	Inf	-Inf	3	Horizontal	351	1.38	-
5300MHz	Pass	AV	5.3576G	48.09	54.00	-5.91	3	Horizontal	351	1.38	-
5300MHz	Pass	PK	5.2988G	123.71	Inf	-Inf	3	Horizontal	351	1.38	-
5300MHz	Pass	PK	5.3664G	61.23	74.00	-12.77	3	Horizontal	351	1.38	-
5300MHz	Pass	AV	10.6G	52.84	54.00	-1.16	3	Vertical	0	1.20	-
5300MHz	Pass	AV	15.89848G	52.75	54.00	-1.25	3	Vertical	328	1.00	-
5300MHz	Pass	PK	10.6G	58.12	74.00	-15.88	3	Vertical	0	1.20	-
5300MHz	Pass	PK	15.89864G	67.88	74.00	-6.12	3	Vertical	328	1.00	-
5300MHz	Pass	AV	10.6G	48.14	54.00	-5.86	3	Horizontal	16	1.80	-
5300MHz	Pass	AV	15.90736G	50.88	54.00	-3.12	3	Horizontal	28	1.08	-
5300MHz	Pass	PK	10.60016G	57.11	74.00	-16.89	3	Horizontal	16	1.80	-
5300MHz	Pass	PK	15.90824G	65.67	74.00	-8.33	3	Horizontal	28	1.08	-
5320MHz	Pass	AV	5.3156G	106.69	Inf	-Inf	3	Vertical	328	1.61	-
5320MHz	Pass	AV	5.355G	48.89	54.00	-5.11	3	Vertical	328	1.61	-
5320MHz	Pass	PK	5.3148G	118.52	Inf	-Inf	3	Vertical	328	1.61	-
5320MHz	Pass	PK	5.3542G	60.37	74.00	-13.63	3	Vertical	328	1.61	-
5320MHz	Pass	AV	5.3128G	111.34	Inf	-Inf	3	Horizontal	303	1.00	-
5320MHz	Pass	AV	5.3518G	53.04	54.00	-0.96	3	Horizontal	303	1.00	-
5320MHz	Pass	PK	5.3122G	122.37	Inf	-Inf	3	Horizontal	303	1.00	-
5320MHz	Pass	PK	5.3514G	64.40	74.00	-9.60	3	Horizontal	303	1.00	-
5320MHz	Pass	AV	10.64G	52.95	54.00	-1.05	3	Vertical	15	2.54	-
5320MHz	Pass	AV	15.95976G	47.99	54.00	-6.01	3	Vertical	22	1.00	-
5320MHz	Pass	PK	10.64G	59.01	74.00	-14.99	3	Vertical	15	2.54	-
5320MHz	Pass	PK	15.96032G	60.04	74.00	-13.96	3	Vertical	22	1.00	-
5320MHz	Pass	AV	10.63996G	47.73	54.00	-6.27	3	Horizontal	18	1.73	-
5320MHz	Pass	AV	15.95812G	47.43	54.00	-6.57	3	Horizontal	310	2.02	-
5320MHz	Pass	PK	10.6398G	56.57	74.00	-17.43	3	Horizontal	18	1.73	-
5320MHz	Pass	PK	15.95804G	59.72	74.00	-14.28	3	Horizontal	310	2.02	-
5500MHz	Pass	AV	5.458G	47.98	54.00	-6.02	3	Vertical	4	1.05	-
5500MHz	Pass	AV	5.4956G	109.50	Inf	-Inf	3	Vertical	4	1.05	-
5500MHz	Pass	PK	5.468G	63.46	68.20	-4.74	3	Vertical	4	1.05	-
5500MHz	Pass	PK	5.4948G	121.39	Inf	-Inf	3	Vertical	4	1.05	-
5500MHz	Pass	AV	5.46G	49.12	54.00	-4.88	3	Horizontal	296	2.67	-
5500MHz	Pass	AV	5.4986G	111.29	Inf	-Inf	3	Horizontal	296	2.67	-
5500MHz	Pass	PK	5.47G	66.50	68.20	-1.70	3	Horizontal	296	2.67	-
5500MHz	Pass	PK	5.4992G	123.12	Inf	-Inf	3	Horizontal	296	2.67	-
5500MHz	Pass	AV	10.99998G	53.05	54.00	-0.95	3	Vertical	11	1.57	-
5500MHz	Pass	PK	11.00008G	58.92	74.00	-15.08	3	Vertical	11	1.57	-
5500MHz	Pass	PK	16.50336G	67.77	68.20	-0.43	3	Vertical	0	1.11	-
5500MHz	Pass	AV	10.99996G	47.21	54.00	-6.79	3	Horizontal	312	1.66	-
5500MHz	Pass	PK	10.99988G	55.72	74.00	-18.28	3	Horizontal	312	1.66	-
5500MHz	Pass	PK	16.50408G	67.54	68.20	-0.66	3	Horizontal	336	1.93	-
5580MHz	Pass	AV	5.4378G	46.74	54.00	-7.26	3	Vertical	360	2.83	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	AV	5.583G	111.74	Inf	-Inf	3	Vertical	360	2.83	-
5580MHz	Pass	PK	5.4642G	58.46	68.20	-9.74	3	Vertical	360	2.83	-
5580MHz	Pass	PK	5.5824G	122.15	Inf	-Inf	3	Vertical	360	2.83	-
5580MHz	Pass	PK	5.73G	59.11	68.20	-9.09	3	Vertical	360	2.83	-
5580MHz	Pass	AV	5.4474G	46.74	54.00	-7.26	3	Horizontal	321	2.60	-
5580MHz	Pass	AV	5.5788G	111.60	Inf	-Inf	3	Horizontal	321	2.60	-
5580MHz	Pass	PK	5.4606G	58.04	68.20	-10.16	3	Horizontal	321	2.60	-
5580MHz	Pass	PK	5.5788G	122.52	Inf	-Inf	3	Horizontal	321	2.60	-
5580MHz	Pass	PK	5.7252G	59.65	68.20	-8.55	3	Horizontal	321	2.60	-
5580MHz	Pass	AV	11.15992G	49.10	54.00	-4.90	3	Vertical	6	1.08	-
5580MHz	Pass	PK	11.16G	56.81	74.00	-17.19	3	Vertical	6	1.08	-
5580MHz	Pass	PK	16.7388G	67.34	68.20	-0.86	3	Vertical	360	1.16	-
5580MHz	Pass	AV	11.15996G	47.70	54.00	-6.30	3	Horizontal	0	1.96	-
5580MHz	Pass	PK	11.16008G	56.23	74.00	-17.77	3	Horizontal	0	1.96	-
5580MHz	Pass	PK	16.73056G	66.43	68.20	-1.77	3	Horizontal	10	1.50	-
5700MHz	Pass	AV	5.694G	110.00	Inf	-Inf	3	Vertical	360	2.69	-
5700MHz	Pass	PK	5.6944G	120.29	Inf	-Inf	3	Vertical	360	2.69	-
5700MHz	Pass	PK	5.7272G	65.49	68.20	-2.71	3	Vertical	360	2.69	-
5700MHz	Pass	AV	5.6972G	110.56	Inf	-Inf	3	Horizontal	63	2.35	-
5700MHz	Pass	PK	5.6976G	122.44	Inf	-Inf	3	Horizontal	63	2.35	-
5700MHz	Pass	PK	5.7252G	67.62	68.20	-0.58	3	Horizontal	63	2.35	-
5700MHz	Pass	AV	11.39992G	48.45	54.00	-5.55	3	Vertical	6	1.09	-
5700MHz	Pass	PK	11.40016G	56.43	74.00	-17.57	3	Vertical	6	1.09	-
5700MHz	Pass	PK	17.10592G	59.65	68.20	-8.55	3	Vertical	184	1.50	-
5700MHz	Pass	AV	11.39992G	48.68	54.00	-5.32	3	Horizontal	9	2.00	-
5700MHz	Pass	PK	11.39992G	56.67	74.00	-17.33	3	Horizontal	9	2.00	-
5700MHz	Pass	PK	17.1156G	59.53	68.20	-8.67	3	Horizontal	249	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4272G	46.55	54.00	-7.45	3	Vertical	26	1.35	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7236G	113.20	Inf	-Inf	3	Vertical	26	1.35	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	57.51	68.20	-10.69	3	Vertical	26	1.35	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7236G	122.88	Inf	-Inf	3	Vertical	26	1.35	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9228G	60.05	68.20	-8.15	3	Vertical	26	1.35	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4224G	46.62	54.00	-7.38	3	Horizontal	360	1.48	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7248G	113.62	Inf	-Inf	3	Horizontal	360	1.48	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4644G	57.56	68.20	-10.64	3	Horizontal	360	1.48	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7248G	124.25	Inf	-Inf	3	Horizontal	360	1.48	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8688G	59.88	68.20	-8.32	3	Horizontal	360	1.48	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44G	48.04	54.00	-5.96	3	Vertical	5	1.10	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44016G	57.89	74.00	-16.11	3	Vertical	5	1.10	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15568G	66.74	68.20	-1.46	3	Vertical	319	1.08	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44G	47.66	54.00	-6.34	3	Horizontal	32	1.95	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44016G	56.29	74.00	-17.71	3	Horizontal	32	1.95	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16448G	64.12	68.20	-4.08	3	Horizontal	103	1.81	-
5745MHz	Pass	AV	5.739G	113.38	Inf	-Inf	3	Vertical	26	1.34	-
5745MHz	Pass	PK	5.643G	58.72	68.20	-9.48	3	Vertical	26	1.34	-
5745MHz	Pass	PK	5.7366G	123.18	Inf	-Inf	3	Vertical	26	1.34	-
5745MHz	Pass	PK	5.9382G	59.02	68.20	-9.18	3	Vertical	26	1.34	-
5745MHz	Pass	AV	5.7402G	114.74	Inf	-Inf	3	Horizontal	320	2.65	-
5745MHz	Pass	PK	5.649G	59.02	68.20	-9.18	3	Horizontal	320	2.65	-
5745MHz	Pass	PK	5.7414G	124.21	Inf	-Inf	3	Horizontal	320	2.65	-
5745MHz	Pass	PK	5.9718G	59.37	68.20	-8.83	3	Horizontal	320	2.65	-
5745MHz	Pass	AV	11.49G	47.87	54.00	-6.13	3	Vertical	5	1.18	-
5745MHz	Pass	PK	11.49G	57.09	74.00	-16.91	3	Vertical	5	1.18	-
5745MHz	Pass	PK	17.2479G	67.98	68.20	-0.22	3	Vertical	321	1.05	-
5745MHz	Pass	AV	11.49G	48.00	54.00	-6.00	3	Horizontal	20	2.18	-
5745MHz	Pass	PK	11.49012G	57.23	74.00	-16.77	3	Horizontal	20	2.18	-
5745MHz	Pass	PK	17.2251G	66.92	68.20	-1.28	3	Horizontal	16	1.00	-
5785MHz	Pass	AV	5.7826G	112.05	Inf	-Inf	3	Vertical	22	2.77	-
5785MHz	Pass	PK	5.5918G	58.95	68.20	-9.25	3	Vertical	22	2.77	-
5785MHz	Pass	PK	5.7838G	122.58	Inf	-Inf	3	Vertical	22	2.77	-
5785MHz	Pass	PK	5.9998G	59.17	68.20	-9.03	3	Vertical	22	2.77	-
5785MHz	Pass	AV	5.7862G	115.46	Inf	-Inf	3	Horizontal	62	2.64	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	PK	5.5294G	58.75	68.20	-9.45	3	Horizontal	62	2.64	-
5785MHz	Pass	PK	5.7874G	126.65	Inf	-Inf	3	Horizontal	62	2.64	-
5785MHz	Pass	PK	5.9434G	59.15	68.20	-9.05	3	Horizontal	62	2.64	-
5785MHz	Pass	AV	11.56994G	47.84	54.00	-6.16	3	Vertical	360	1.16	-
5785MHz	Pass	PK	11.57042G	55.72	74.00	-18.28	3	Vertical	360	1.16	-
5785MHz	Pass	PK	17.3542G	67.51	68.20	-0.69	3	Vertical	358	1.01	-
5785MHz	Pass	AV	11.56988G	47.13	54.00	-6.87	3	Horizontal	22	2.10	-
5785MHz	Pass	PK	11.56982G	56.00	74.00	-18.00	3	Horizontal	22	2.10	-
5785MHz	Pass	PK	17.36388G	65.18	68.20	-3.02	3	Horizontal	357	1.00	-
5825MHz	Pass	AV	5.8214G	113.48	Inf	-Inf	3	Vertical	25	1.61	-
5825MHz	Pass	PK	5.6306G	59.72	68.20	-8.48	3	Vertical	25	1.61	-
5825MHz	Pass	PK	5.8214G	124.67	Inf	-Inf	3	Vertical	25	1.61	-
5825MHz	Pass	PK	5.9678G	59.37	68.20	-8.83	3	Vertical	25	1.61	-
5825MHz	Pass	AV	5.8262G	113.89	Inf	-Inf	3	Horizontal	338	1.00	-
5825MHz	Pass	PK	5.6294G	58.77	68.20	-9.43	3	Horizontal	338	1.00	-
5825MHz	Pass	PK	5.8262G	123.66	Inf	-Inf	3	Horizontal	338	1.00	-
5825MHz	Pass	PK	6.0638G	59.07	68.20	-9.13	3	Horizontal	338	1.00	-
5825MHz	Pass	AV	11.64994G	48.82	54.00	-5.18	3	Vertical	360	1.17	-
5825MHz	Pass	PK	11.64982G	57.39	74.00	-16.61	3	Vertical	360	1.17	-
5825MHz	Pass	PK	17.4741G	67.33	68.20	-0.87	3	Vertical	358	1.03	-
5825MHz	Pass	AV	11.65006G	47.51	54.00	-6.49	3	Horizontal	32	2.10	-
5825MHz	Pass	PK	11.64988G	57.39	74.00	-16.61	3	Horizontal	32	2.10	-
5825MHz	Pass	PK	17.47452G	64.60	68.20	-3.60	3	Horizontal	37	1.00	-
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	49.89	54.00	-4.11	3	Vertical	325	2.62	-
5190MHz	Pass	AV	5.198G	105.11	Inf	-Inf	3	Vertical	325	2.62	-
5190MHz	Pass	PK	5.1492G	60.34	74.00	-13.66	3	Vertical	325	2.62	-
5190MHz	Pass	PK	5.178G	115.38	Inf	-Inf	3	Vertical	325	2.62	-
5190MHz	Pass	AV	5.1488G	53.21	54.00	-0.79	3	Horizontal	304	2.88	-
5190MHz	Pass	AV	5.1884G	108.12	Inf	-Inf	3	Horizontal	304	2.88	-
5190MHz	Pass	PK	5.1488G	65.78	74.00	-8.22	3	Horizontal	304	2.88	-
5190MHz	Pass	PK	5.1892G	117.67	Inf	-Inf	3	Horizontal	304	2.88	-
5190MHz	Pass	AV	15.56484G	46.12	54.00	-7.88	3	Vertical	285	1.18	-
5190MHz	Pass	PK	10.38018G	56.40	68.20	-11.80	3	Vertical	1	1.16	-
5190MHz	Pass	PK	15.56688G	56.58	74.00	-17.42	3	Vertical	285	1.18	-
5190MHz	Pass	AV	15.57312G	46.10	54.00	-7.90	3	Horizontal	312	2.77	-
5190MHz	Pass	PK	10.38012G	55.48	68.20	-12.72	3	Horizontal	69	2.23	-
5190MHz	Pass	PK	15.56478G	56.48	74.00	-17.52	3	Horizontal	312	2.77	-
5230MHz	Pass	AV	5.15G	50.06	54.00	-3.94	3	Vertical	326	2.56	-
5230MHz	Pass	AV	5.2188G	108.11	Inf	-Inf	3	Vertical	326	2.56	-
5230MHz	Pass	PK	5.138G	60.50	74.00	-13.50	3	Vertical	326	2.56	-
5230MHz	Pass	PK	5.2376G	118.68	Inf	-Inf	3	Vertical	326	2.56	-
5230MHz	Pass	AV	5.1484G	53.45	54.00	-0.55	3	Horizontal	305	2.80	-
5230MHz	Pass	AV	5.2276G	111.43	Inf	-Inf	3	Horizontal	305	2.80	-
5230MHz	Pass	PK	5.1488G	64.81	74.00	-9.19	3	Horizontal	305	2.80	-
5230MHz	Pass	PK	5.2276G	121.61	Inf	-Inf	3	Horizontal	305	2.80	-
5230MHz	Pass	AV	15.68946G	46.64	54.00	-7.36	3	Vertical	30	2.12	-
5230MHz	Pass	PK	10.45993G	58.29	68.20	-9.91	3	Vertical	10	1.48	-
5230MHz	Pass	PK	15.69195G	59.06	74.00	-14.94	3	Vertical	30	2.12	-
5230MHz	Pass	AV	15.69972G	46.40	54.00	-7.60	3	Horizontal	76	1.50	-
5230MHz	Pass	PK	10.45977G	56.15	68.20	-12.05	3	Horizontal	21	1.67	-
5230MHz	Pass	PK	15.70092G	57.75	74.00	-16.25	3	Horizontal	76	1.50	-
5270MHz	Pass	AV	5.258G	108.80	Inf	-Inf	3	Vertical	327	2.64	-
5270MHz	Pass	AV	5.3576G	50.39	54.00	-3.61	3	Vertical	327	2.64	-
5270MHz	Pass	PK	5.2568G	119.36	Inf	-Inf	3	Vertical	327	2.64	-
5270MHz	Pass	PK	5.358G	62.22	74.00	-11.78	3	Vertical	327	2.64	-
5270MHz	Pass	AV	5.268G	111.62	Inf	-Inf	3	Horizontal	300	2.78	-
5270MHz	Pass	AV	5.35G	52.53	54.00	-1.47	3	Horizontal	300	2.78	-
5270MHz	Pass	PK	5.2676G	121.67	Inf	-Inf	3	Horizontal	300	2.78	-
5270MHz	Pass	PK	5.35G	63.95	74.00	-10.05	3	Horizontal	300	2.78	-
5270MHz	Pass	AV	15.81074G	48.17	54.00	-5.83	3	Vertical	346	1.00	-
5270MHz	Pass	PK	10.54001G	59.32	68.20	-8.88	3	Vertical	7	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5270MHz	Pass	PK	15.81085G	61.05	74.00	-12.95	3	Vertical	346	1.00	-
5270MHz	Pass	AV	15.80868G	47.82	54.00	-6.18	3	Horizontal	28	1.12	-
5270MHz	Pass	PK	10.54009G	57.44	68.20	-10.76	3	Horizontal	17	1.68	-
5270MHz	Pass	PK	15.80881G	60.87	74.00	-13.13	3	Horizontal	28	1.12	-
5310MHz	Pass	AV	5.2976G	101.38	Inf	-Inf	3	Vertical	44	1.50	-
5310MHz	Pass	AV	5.3568G	49.38	54.00	-4.62	3	Vertical	44	1.50	-
5310MHz	Pass	PK	5.2976G	112.58	Inf	-Inf	3	Vertical	44	1.50	-
5310MHz	Pass	PK	5.356G	60.15	74.00	-13.85	3	Vertical	44	1.50	-
5310MHz	Pass	AV	5.3148G	105.14	Inf	-Inf	3	Horizontal	324	1.23	-
5310MHz	Pass	AV	5.3552G	53.68	54.00	-0.32	3	Horizontal	324	1.23	-
5310MHz	Pass	PK	5.3148G	114.91	Inf	-Inf	3	Horizontal	324	1.23	-
5310MHz	Pass	PK	5.3532G	64.63	74.00	-9.37	3	Horizontal	324	1.23	-
5310MHz	Pass	AV	10.61988G	52.94	54.00	-1.06	3	Vertical	11	1.64	-
5310MHz	Pass	AV	15.91722G	46.12	54.00	-7.88	3	Vertical	321	2.94	-
5310MHz	Pass	PK	10.61994G	58.04	74.00	-15.96	3	Vertical	11	1.64	-
5310MHz	Pass	PK	15.9183G	57.04	74.00	-16.96	3	Vertical	321	2.94	-
5310MHz	Pass	AV	10.62006G	44.21	54.00	-9.79	3	Horizontal	230	1.84	-
5310MHz	Pass	AV	15.91506G	46.00	54.00	-8.00	3	Horizontal	110	2.91	-
5310MHz	Pass	PK	10.61634G	53.74	74.00	-20.26	3	Horizontal	230	1.84	-
5310MHz	Pass	PK	15.92802G	56.54	74.00	-17.46	3	Horizontal	110	2.91	-
5510MHz	Pass	AV	5.4588G	48.64	54.00	-5.36	3	Vertical	20	1.50	-
5510MHz	Pass	AV	5.5052G	105.09	Inf	-Inf	3	Vertical	20	1.50	-
5510MHz	Pass	PK	5.4664G	65.49	68.20	-2.71	3	Vertical	20	1.50	-
5510MHz	Pass	PK	5.5068G	114.59	Inf	-Inf	3	Vertical	20	1.50	-
5510MHz	Pass	AV	5.4576G	50.70	54.00	-3.30	3	Horizontal	324	1.64	-
5510MHz	Pass	AV	5.5048G	107.98	Inf	-Inf	3	Horizontal	324	1.64	-
5510MHz	Pass	PK	5.4656G	67.70	68.20	-0.50	3	Horizontal	324	1.64	-
5510MHz	Pass	PK	5.5252G	119.07	Inf	-Inf	3	Horizontal	324	1.64	-
5510MHz	Pass	AV	11.02G	48.21	54.00	-5.79	3	Vertical	35	1.42	-
5510MHz	Pass	PK	11.02006G	56.17	74.00	-17.83	3	Vertical	35	1.42	-
5510MHz	Pass	PK	16.5243G	65.35	68.20	-2.85	3	Vertical	2	1.22	-
5510MHz	Pass	AV	11.02G	47.43	54.00	-6.57	3	Horizontal	33	2.05	-
5510MHz	Pass	PK	11.02G	55.43	74.00	-18.57	3	Horizontal	33	2.05	-
5510MHz	Pass	PK	16.52274G	64.84	68.20	-3.36	3	Horizontal	35	1.10	-
5550MHz	Pass	AV	5.45G	47.06	54.00	-6.94	3	Vertical	0	2.84	-
5550MHz	Pass	AV	5.5464G	106.58	Inf	-Inf	3	Vertical	0	2.84	-
5550MHz	Pass	PK	5.4656G	58.72	68.20	-9.48	3	Vertical	0	2.84	-
5550MHz	Pass	PK	5.5468G	117.36	Inf	-Inf	3	Vertical	0	2.84	-
5550MHz	Pass	AV	5.46G	47.75	54.00	-6.25	3	Horizontal	294	2.77	-
5550MHz	Pass	AV	5.5592G	108.67	Inf	-Inf	3	Horizontal	294	2.77	-
5550MHz	Pass	PK	5.4672G	58.61	68.20	-9.59	3	Horizontal	294	2.77	-
5550MHz	Pass	PK	5.54G	118.43	Inf	-Inf	3	Horizontal	294	2.77	-
5550MHz	Pass	AV	11.10006G	46.59	54.00	-7.41	3	Vertical	167	2.89	-
5550MHz	Pass	PK	11.10042G	55.55	74.00	-18.45	3	Vertical	167	2.89	-
5550MHz	Pass	PK	16.644G	66.97	68.20	-1.23	3	Vertical	1	1.01	-
5550MHz	Pass	AV	11.10006G	44.34	54.00	-9.66	3	Horizontal	142	2.71	-
5550MHz	Pass	PK	11.10294G	55.16	74.00	-18.84	3	Horizontal	142	2.71	-
5550MHz	Pass	PK	16.6475G	63.92	68.20	-4.28	3	Horizontal	1	2.87	-
5670MHz	Pass	AV	5.6688G	108.48	Inf	-Inf	3	Vertical	5	2.82	-
5670MHz	Pass	PK	5.6694G	119.06	Inf	-Inf	3	Vertical	5	2.82	-
5670MHz	Pass	PK	5.7294G	65.58	68.20	-2.62	3	Vertical	5	2.82	-
5670MHz	Pass	AV	5.6712G	110.47	Inf	-Inf	3	Horizontal	0	1.35	-
5670MHz	Pass	PK	5.6706G	119.58	Inf	-Inf	3	Horizontal	0	1.35	-
5670MHz	Pass	PK	5.733G	67.53	68.20	-0.67	3	Horizontal	0	1.35	-
5670MHz	Pass	AV	11.33994G	47.15	54.00	-6.85	3	Vertical	35	1.07	-
5670MHz	Pass	PK	11.34018G	56.29	74.00	-17.71	3	Vertical	35	1.07	-
5670MHz	Pass	PK	17.00928G	58.17	68.20	-10.03	3	Vertical	109	2.10	-
5670MHz	Pass	AV	11.34G	47.89	54.00	-6.11	3	Horizontal	12	2.06	-
5670MHz	Pass	PK	11.33988G	56.08	74.00	-17.92	3	Horizontal	12	2.06	-
5670MHz	Pass	PK	17.02416G	58.58	68.20	-9.62	3	Horizontal	306	1.65	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.434G	46.48	54.00	-7.52	3	Vertical	27	1.68	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7064G	111.46	Inf	-Inf	3	Vertical	27	1.68	-

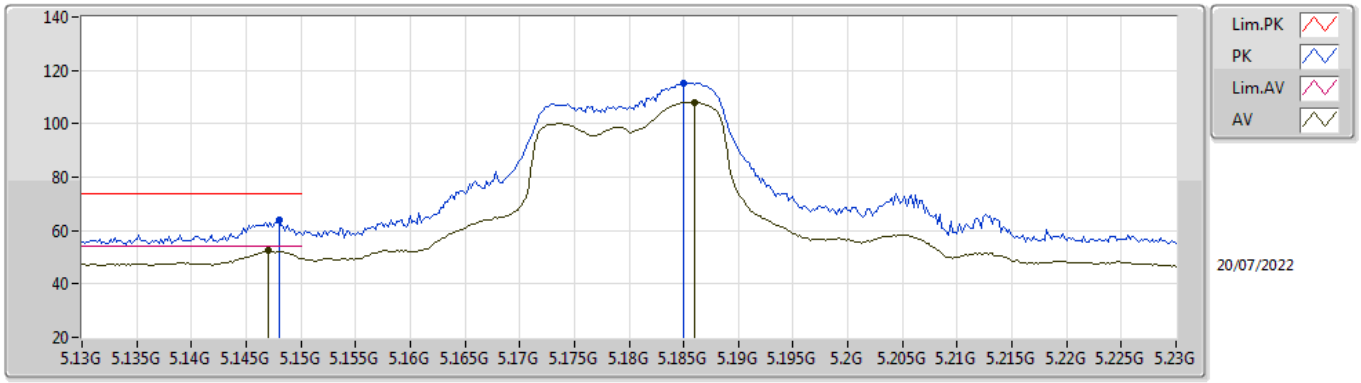
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4664G	57.00	68.20	-11.20	3	Vertical	27	1.68	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7076G	120.82	Inf	-Inf	3	Vertical	27	1.68	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8576G	60.28	68.20	-7.92	3	Vertical	27	1.68	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4124G	46.59	54.00	-7.41	3	Horizontal	26	1.02	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7028G	112.11	Inf	-Inf	3	Horizontal	26	1.02	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4604G	57.55	68.20	-10.65	3	Horizontal	26	1.02	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.722G	121.96	Inf	-Inf	3	Horizontal	26	1.02	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.9836G	59.86	68.20	-8.34	3	Horizontal	26	1.02	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.42006G	48.35	54.00	-5.65	3	Vertical	343	1.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.42984G	58.52	74.00	-15.48	3	Vertical	343	1.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.1217G	67.19	68.20	-1.01	3	Vertical	323	1.04	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.42G	46.41	54.00	-7.59	3	Horizontal	44	2.26	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.42018G	54.96	74.00	-19.04	3	Horizontal	44	2.26	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.1221G	67.92	68.20	-0.28	3	Horizontal	33	2.17	-
5755MHz	Pass	PK	5.7646G	123.57	Inf	-Inf	3	Vertical	24	2.73	-
5755MHz	Pass	PK	5.647G	67.88	68.20	-0.32	3	Vertical	24	2.73	-
5755MHz	Pass	PK	6.0346G	60.58	68.20	-7.62	3	Vertical	24	2.73	-
5755MHz	Pass	AV	5.7634G	112.73	Inf	-Inf	3	Vertical	24	2.73	-
5755MHz	Pass	AV	5.7658G	114.08	Inf	-Inf	3	Horizontal	315	2.56	-
5755MHz	Pass	PK	5.6554G	69.05	72.20	-3.15	3	Horizontal	315	2.56	-
5755MHz	Pass	PK	5.7454G	122.94	Inf	-Inf	3	Horizontal	315	2.56	-
5755MHz	Pass	PK	6.0454G	59.54	68.20	-8.66	3	Horizontal	315	2.56	-
5755MHz	Pass	AV	11.51008G	48.24	54.00	-5.76	3	Vertical	334	1.02	-
5755MHz	Pass	PK	11.51002G	59.15	74.00	-14.85	3	Vertical	334	1.02	-
5755MHz	Pass	PK	17.2622G	68.02	68.20	-0.18	3	Vertical	322	1.08	-
5755MHz	Pass	AV	11.51004G	46.97	54.00	-7.03	3	Horizontal	11	1.99	-
5755MHz	Pass	PK	11.51003G	56.60	74.00	-17.40	3	Horizontal	11	1.99	-
5755MHz	Pass	PK	17.25964G	60.55	68.20	-7.65	3	Horizontal	29	2.34	-
5795MHz	Pass	AV	5.7842G	112.60	Inf	-Inf	3	Vertical	21	2.73	-
5795MHz	Pass	PK	5.6426G	59.28	68.20	-8.92	3	Vertical	21	2.73	-
5795MHz	Pass	PK	5.8034G	122.09	Inf	-Inf	3	Vertical	21	2.73	-
5795MHz	Pass	PK	5.9582G	59.15	68.20	-9.05	3	Vertical	21	2.73	-
5795MHz	Pass	AV	5.7854G	113.99	Inf	-Inf	3	Horizontal	23	2.53	-
5795MHz	Pass	PK	5.597G	59.99	68.20	-8.21	3	Horizontal	23	2.53	-
5795MHz	Pass	PK	5.7854G	123.33	Inf	-Inf	3	Horizontal	23	2.53	-
5795MHz	Pass	PK	6.0782G	60.54	68.20	-7.66	3	Horizontal	23	2.53	-
5795MHz	Pass	AV	11.5901G	45.14	54.00	-8.86	3	Vertical	160	2.02	-
5795MHz	Pass	PK	11.5903G	55.48	74.00	-18.52	3	Vertical	160	2.02	-
5795MHz	Pass	PK	17.3884G	64.00	68.20	-4.20	3	Vertical	360	1.04	-
5795MHz	Pass	AV	11.59108G	44.03	54.00	-9.97	3	Horizontal	24	1.00	-
5795MHz	Pass	PK	11.5903G	55.54	74.00	-18.46	3	Horizontal	24	1.00	-
5795MHz	Pass	PK	17.38452G	61.22	68.20	-6.98	3	Horizontal	62	2.86	-
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.139G	51.61	54.00	-2.39	3	Vertical	324	2.63	-
5210MHz	Pass	AV	5.218G	102.60	Inf	-Inf	3	Vertical	324	2.63	-
5210MHz	Pass	AV	5.405G	46.36	54.00	-7.64	3	Vertical	324	2.63	-
5210MHz	Pass	PK	5.148G	63.40	74.00	-10.60	3	Vertical	324	2.63	-
5210MHz	Pass	PK	5.219G	112.82	Inf	-Inf	3	Vertical	324	2.63	-
5210MHz	Pass	PK	5.392G	57.47	74.00	-16.53	3	Vertical	324	2.63	-
5210MHz	Pass	AV	5.149G	53.85	54.00	-0.15	3	Horizontal	300	2.86	-
5210MHz	Pass	AV	5.208G	105.18	Inf	-Inf	3	Horizontal	300	2.86	-
5210MHz	Pass	AV	5.381G	46.54	54.00	-7.46	3	Horizontal	300	2.86	-
5210MHz	Pass	PK	5.149G	64.19	74.00	-9.81	3	Horizontal	300	2.86	-
5210MHz	Pass	PK	5.208G	114.61	Inf	-Inf	3	Horizontal	300	2.86	-
5210MHz	Pass	PK	5.383G	58.26	74.00	-15.74	3	Horizontal	300	2.86	-
5210MHz	Pass	AV	15.63546G	45.47	54.00	-8.53	3	Vertical	224	2.33	-
5210MHz	Pass	PK	10.41994G	55.68	68.20	-12.52	3	Vertical	143	1.50	-
5210MHz	Pass	PK	15.64362G	56.33	74.00	-17.67	3	Vertical	224	2.33	-
5210MHz	Pass	AV	15.63528G	45.44	54.00	-8.56	3	Horizontal	113	1.49	-
5210MHz	Pass	PK	10.42006G	55.60	68.20	-12.60	3	Horizontal	23	2.62	-
5210MHz	Pass	PK	15.63414G	56.47	74.00	-17.53	3	Horizontal	113	1.49	-
5290MHz	Pass	AV	5.138G	47.28	54.00	-6.72	3	Vertical	43	1.51	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5290MHz	Pass	AV	5.278G	98.19	Inf	-Inf	3	Vertical	43	1.51	-
5290MHz	Pass	AV	5.357G	50.83	54.00	-3.17	3	Vertical	43	1.51	-
5290MHz	Pass	PK	5.111G	58.57	74.00	-15.43	3	Vertical	43	1.51	-
5290MHz	Pass	PK	5.298G	108.11	Inf	-Inf	3	Vertical	43	1.51	-
5290MHz	Pass	PK	5.517G	57.56	68.20	-10.64	3	Vertical	43	1.51	-
5290MHz	Pass	AV	5.145G	47.72	54.00	-6.28	3	Horizontal	324	1.16	-
5290MHz	Pass	AV	5.294G	101.27	Inf	-Inf	3	Horizontal	324	1.16	-
5290MHz	Pass	AV	5.355G	53.86	54.00	-0.14	3	Horizontal	324	1.16	-
5290MHz	Pass	PK	5.123G	59.03	74.00	-14.97	3	Horizontal	324	1.16	-
5290MHz	Pass	PK	5.294G	110.98	Inf	-Inf	3	Horizontal	324	1.16	-
5290MHz	Pass	PK	5.524G	58.52	68.20	-9.68	3	Horizontal	324	1.16	-
5290MHz	Pass	AV	15.85848G	45.59	54.00	-8.41	3	Vertical	193	1.32	-
5290MHz	Pass	PK	10.58018G	56.49	68.20	-11.71	3	Vertical	338	2.61	-
5290MHz	Pass	PK	15.85992G	56.87	74.00	-17.13	3	Vertical	193	1.32	-
5290MHz	Pass	AV	15.86448G	45.35	54.00	-8.65	3	Horizontal	350	2.44	-
5290MHz	Pass	PK	10.57976G	54.55	68.20	-13.65	3	Horizontal	215	2.19	-
5290MHz	Pass	PK	15.86004G	56.55	74.00	-17.45	3	Horizontal	350	2.44	-
5530MHz	Pass	AV	5.446G	49.31	54.00	-4.69	3	Vertical	20	1.58	-
5530MHz	Pass	AV	5.545G	102.26	Inf	-Inf	3	Vertical	20	1.58	-
5530MHz	Pass	PK	5.47G	65.93	68.20	-2.27	3	Vertical	20	1.58	-
5530MHz	Pass	PK	5.525G	112.45	Inf	-Inf	3	Vertical	20	1.58	-
5530MHz	Pass	PK	5.762G	59.43	68.20	-8.77	3	Vertical	20	1.58	-
5530MHz	Pass	AV	5.457G	53.06	54.00	-0.94	3	Horizontal	46	2.74	-
5530MHz	Pass	AV	5.536G	106.74	Inf	-Inf	3	Horizontal	46	2.74	-
5530MHz	Pass	PK	5.46G	63.62	68.20	-4.58	3	Horizontal	46	2.74	-
5530MHz	Pass	PK	5.536G	115.52	Inf	-Inf	3	Horizontal	46	2.74	-
5530MHz	Pass	PK	5.78G	59.33	68.20	-8.87	3	Horizontal	46	2.74	-
5530MHz	Pass	AV	11.06012G	47.42	54.00	-6.58	3	Vertical	167	2.68	-
5530MHz	Pass	PK	11.06006G	56.39	74.00	-17.61	3	Vertical	167	2.68	-
5530MHz	Pass	PK	16.60434G	63.47	68.20	-4.73	3	Vertical	5	1.09	-
5530MHz	Pass	AV	11.06012G	45.81	54.00	-8.19	3	Horizontal	141	2.84	-
5530MHz	Pass	PK	11.06012G	55.26	74.00	-18.74	3	Horizontal	141	2.84	-
5530MHz	Pass	PK	16.605G	60.17	68.20	-8.03	3	Horizontal	75	2.74	-
5610MHz	Pass	AV	5.459G	48.59	54.00	-5.41	3	Vertical	355	2.77	-
5610MHz	Pass	AV	5.598G	105.68	Inf	-Inf	3	Vertical	355	2.77	-
5610MHz	Pass	PK	5.466G	60.24	68.20	-7.96	3	Vertical	355	2.77	-
5610MHz	Pass	PK	5.599G	115.70	Inf	-Inf	3	Vertical	355	2.77	-
5610MHz	Pass	PK	5.73G	67.93	68.20	-0.27	3	Vertical	355	2.77	-
5610MHz	Pass	AV	5.453G	47.71	54.00	-6.29	3	Horizontal	321	1.39	-
5610MHz	Pass	AV	5.612G	106.07	Inf	-Inf	3	Horizontal	321	1.39	-
5610MHz	Pass	PK	5.465G	59.83	68.20	-8.37	3	Horizontal	321	1.39	-
5610MHz	Pass	PK	5.613G	117.27	Inf	-Inf	3	Horizontal	321	1.39	-
5610MHz	Pass	PK	5.739G	67.65	68.20	-0.55	3	Horizontal	321	1.39	-
5610MHz	Pass	AV	11.21998G	45.06	54.00	-8.94	3	Vertical	0	1.01	-
5610MHz	Pass	PK	11.21981G	56.06	74.00	-17.94	3	Vertical	0	1.01	-
5610MHz	Pass	PK	16.8274G	60.21	68.20	-7.99	3	Vertical	327	1.17	-
5610MHz	Pass	AV	11.22002G	46.82	54.00	-7.18	3	Horizontal	18	1.94	-
5610MHz	Pass	PK	11.22046G	56.25	74.00	-17.75	3	Horizontal	18	1.94	-
5610MHz	Pass	PK	16.82506G	61.04	68.20	-7.16	3	Horizontal	32	2.54	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4524G	46.59	54.00	-7.41	3	Vertical	26	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6864G	107.96	Inf	-Inf	3	Vertical	26	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	58.57	68.20	-9.63	3	Vertical	26	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6876G	117.94	Inf	-Inf	3	Vertical	26	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8532G	66.08	68.20	-2.12	3	Vertical	26	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4596G	47.14	54.00	-6.86	3	Horizontal	25	1.02	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.7032G	108.90	Inf	-Inf	3	Horizontal	25	1.02	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	57.74	68.20	-10.46	3	Horizontal	25	1.02	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.702G	118.06	Inf	-Inf	3	Horizontal	25	1.02	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8616G	65.74	68.20	-2.46	3	Horizontal	25	1.02	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.37999G	47.34	54.00	-6.66	3	Vertical	2	1.04	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.37996G	57.33	74.00	-16.67	3	Vertical	2	1.04	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.06466G	62.83	68.20	-5.37	3	Vertical	307	1.04	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.37996G	47.59	54.00	-6.41	3	Horizontal	9	1.97	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.38006G	56.94	74.00	-17.06	3	Horizontal	9	1.97	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.07148G	62.78	68.20	-5.42	3	Horizontal	335	1.94	-
5775MHz	Pass	AV	5.7838G	107.84	Inf	-Inf	3	Vertical	25	2.72	-
5775MHz	Pass	PK	5.6446G	65.76	68.20	-2.44	3	Vertical	25	2.72	-
5775MHz	Pass	PK	5.783G	118.13	Inf	-Inf	3	Vertical	25	2.72	-
5775MHz	Pass	PK	5.9414G	59.56	68.20	-8.64	3	Vertical	25	2.72	-
5775MHz	Pass	AV	5.7846G	109.11	Inf	-Inf	3	Horizontal	24	2.54	-
5775MHz	Pass	PK	5.6438G	67.42	68.20	-0.78	3	Horizontal	24	2.54	-
5775MHz	Pass	PK	5.7854G	119.87	Inf	-Inf	3	Horizontal	24	2.54	-
5775MHz	Pass	PK	5.9734G	60.10	68.20	-8.10	3	Horizontal	24	2.54	-
5775MHz	Pass	AV	11.55G	44.17	54.00	-9.83	3	Vertical	159	1.86	-
5775MHz	Pass	PK	11.5503G	55.34	74.00	-18.66	3	Vertical	159	1.86	-
5775MHz	Pass	PK	17.32884G	59.12	68.20	-9.08	3	Vertical	212	1.20	-
5775MHz	Pass	AV	11.54088G	42.64	54.00	-11.36	3	Horizontal	75	1.17	-
5775MHz	Pass	PK	11.5383G	53.86	74.00	-20.14	3	Horizontal	75	1.17	-
5775MHz	Pass	PK	17.32734G	59.11	68.20	-9.09	3	Horizontal	191	2.29	-

802.11a_Nss1,(6Mbps)_4TX

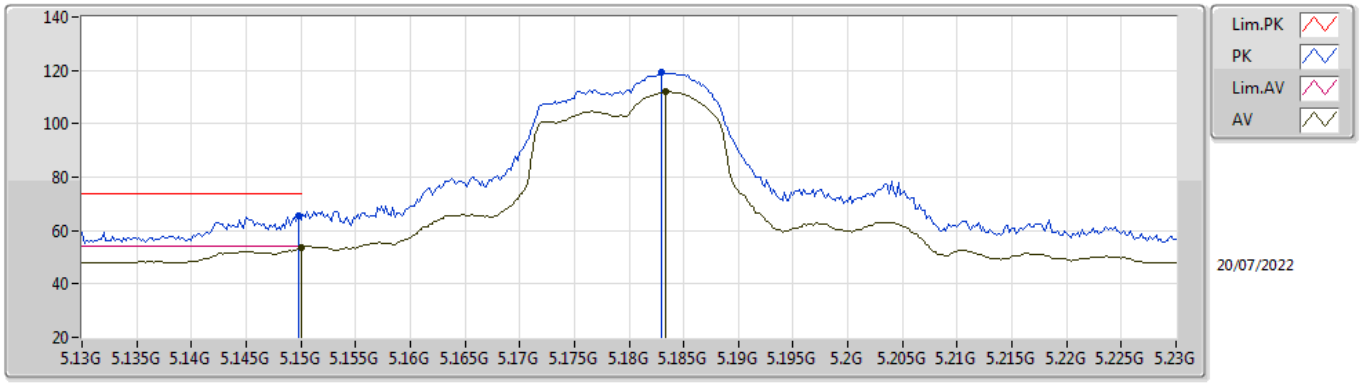
5180MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.147G	52.37	54.00	-1.63	5.20	3	Vertical	22	1.50	-	47.17	33.09	6.87	34.76
AV	5.186G	108.04	Inf	-Inf	5.29	3	Vertical	22	1.50	-	102.75	33.17	6.88	34.76
PK	5.148G	63.74	74.00	-10.26	5.21	3	Vertical	22	1.50	-	58.53	33.10	6.87	34.76
PK	5.185G	115.39	Inf	-Inf	5.29	3	Vertical	22	1.50	-	110.10	33.17	6.88	34.76

802.11a_Nss1,(6Mbps)_4TX

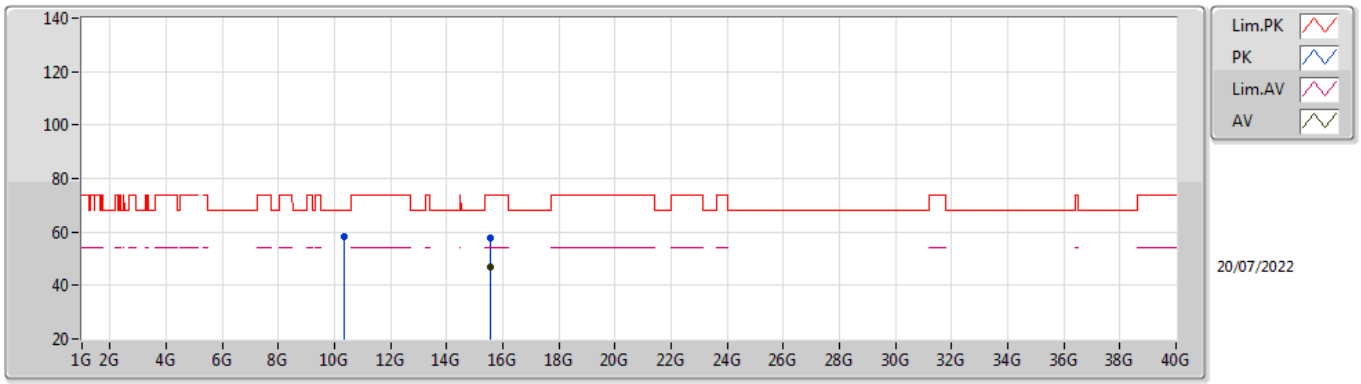
5180MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	53.40	54.00	-0.60	5.21	3	Horizontal	330	1.45	-	48.19	33.10	6.87	34.76
AV	5.1834G	111.97	Inf	-Inf	5.29	3	Horizontal	330	1.45	-	106.68	33.17	6.88	34.76
PK	5.1498G	65.28	74.00	-8.72	5.21	3	Horizontal	330	1.45	-	60.07	33.10	6.87	34.76
PK	5.183G	119.20	Inf	-Inf	5.29	3	Horizontal	330	1.45	-	113.91	33.17	6.88	34.76

802.11a_Nss1,(6Mbps)_4TX

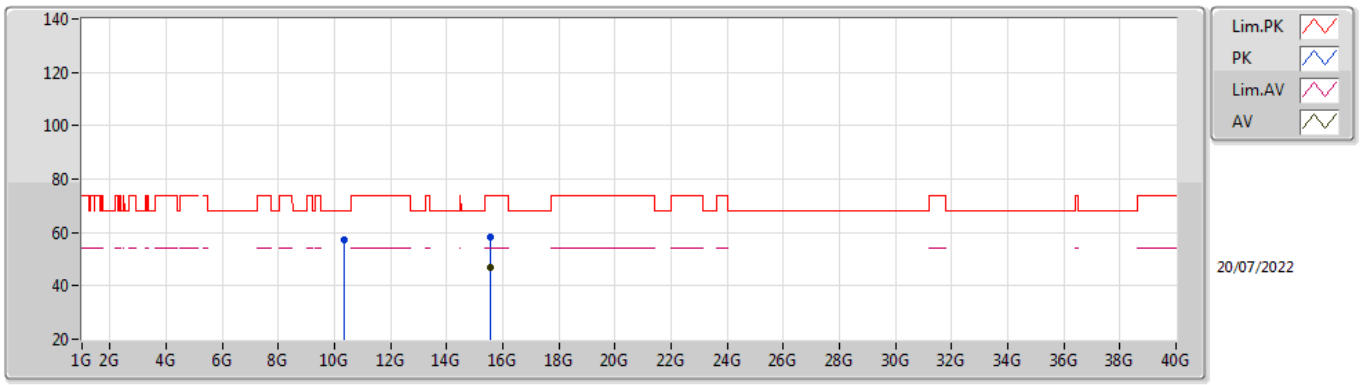
5180MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.54007G	46.74	54.00	-7.26	15.54	3	Vertical	310	1.04	-	31.20	38.36	12.10	34.92
PK	10.36006G	58.40	68.20	-9.80	12.54	3	Vertical	348	3.00	-	45.86	38.58	8.99	35.03
PK	15.53962G	58.00	74.00	-16.00	15.54	3	Vertical	310	1.04	-	42.46	38.36	12.10	34.92

802.11a_Nss1,(6Mbps)_4TX

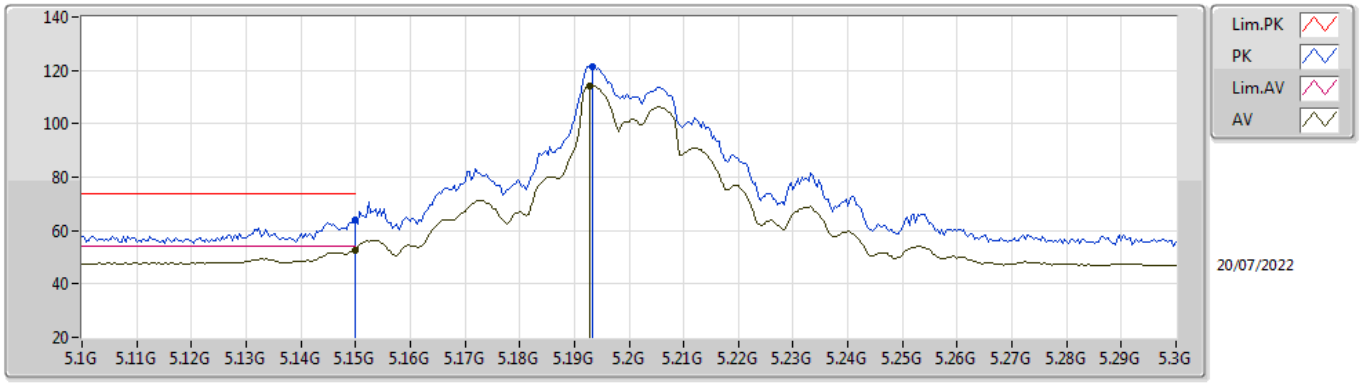
5180MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.5403G	46.75	54.00	-7.25	15.54	3	Horizontal	306	1.50	-	31.21	38.36	12.10	34.92
PK	10.3597G	57.24	68.20	-10.96	12.54	3	Horizontal	19	1.52	-	44.70	38.58	8.99	35.03
PK	15.5398G	58.43	74.00	-15.57	15.54	3	Horizontal	306	1.50	-	42.89	38.36	12.10	34.92

802.11a_Nss1,(6Mbps)_4TX

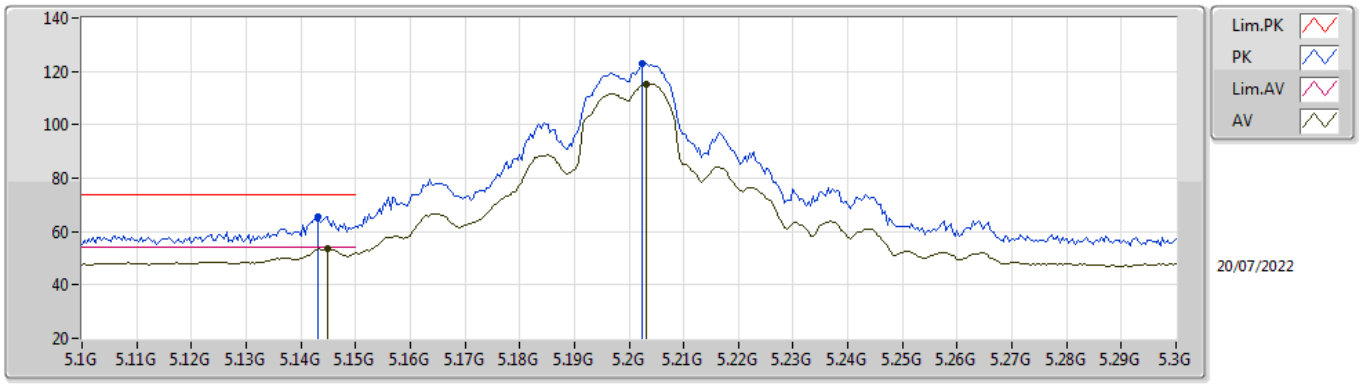
5200MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	52.79	54.00	-1.21	5.21	3	Vertical	349	2.80	-	47.58	33.10	6.87	34.76
AV	5.1928G	114.22	Inf	-Inf	5.32	3	Vertical	349	2.80	-	108.90	33.19	6.89	34.76
PK	5.15G	64.19	74.00	-9.81	5.21	3	Vertical	349	2.80	-	58.98	33.10	6.87	34.76
PK	5.1932G	121.61	Inf	-Inf	5.32	3	Vertical	349	2.80	-	116.29	33.19	6.89	34.76

802.11a_Nss1,(6Mbps)_4TX

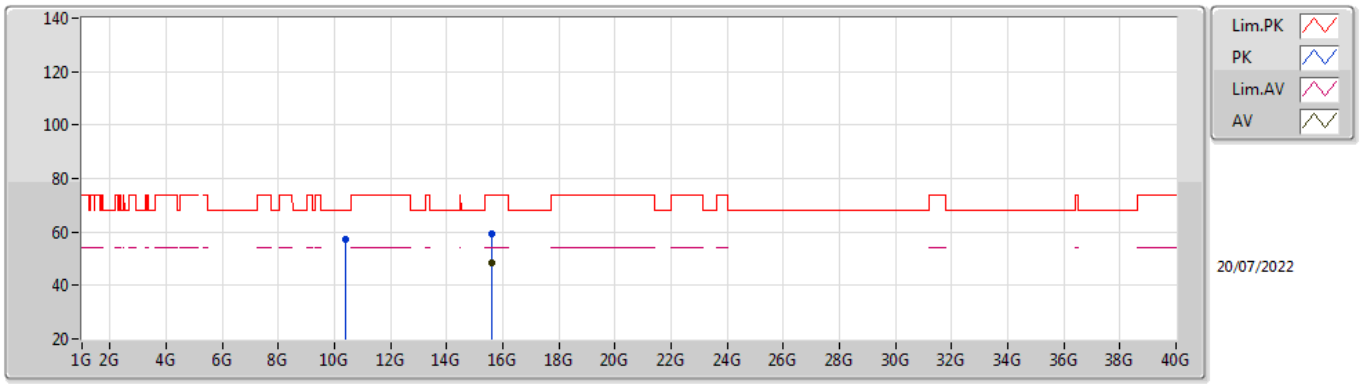
5200MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1448G	53.52	54.00	-0.48	5.20	3	Horizontal	331	1.40	-	48.32	33.09	6.87	34.76
AV	5.2032G	115.36	Inf	-Inf	5.32	3	Horizontal	331	1.40	-	110.04	33.19	6.89	34.76
PK	5.1432G	65.65	74.00	-8.35	5.20	3	Horizontal	331	1.40	-	60.45	33.09	6.87	34.76
PK	5.2024G	123.10	Inf	-Inf	5.33	3	Horizontal	331	1.40	-	117.77	33.20	6.89	34.76

802.11a_Nss1,(6Mbps)_4TX

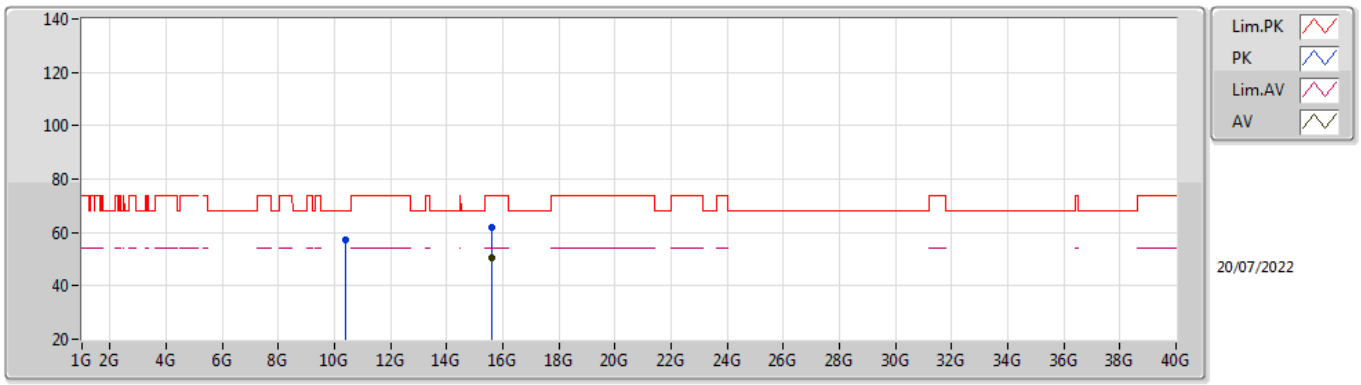
5200MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.59818G	48.42	54.00	-5.58	15.21	3	Vertical	343	1.14	-	33.21	38.01	12.16	34.96
PK	10.40014G	57.39	68.20	-10.81	12.51	3	Vertical	10	1.49	-	44.88	38.50	9.00	34.99
PK	15.5978G	59.16	74.00	-14.84	15.21	3	Vertical	343	1.14	-	43.95	38.01	12.16	34.96

802.11a_Nss1,(6Mbps)_4TX

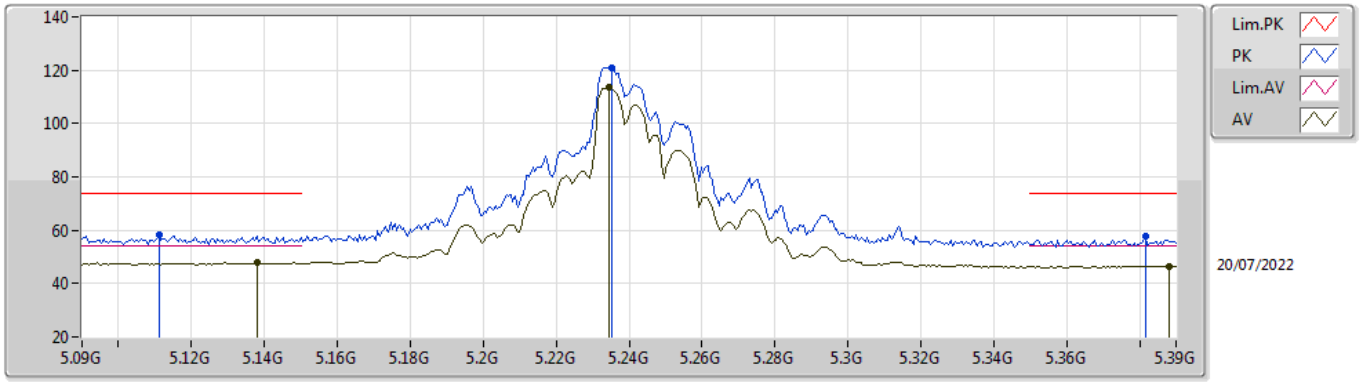
5200MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.60244G	50.42	54.00	-3.58	15.20	3	Horizontal	314	1.94	-	35.22	38.00	12.16	34.96
PK	10.40004G	57.12	68.20	-11.08	12.51	3	Horizontal	19	2.09	-	44.61	38.50	9.00	34.99
PK	15.60266G	61.88	74.00	-12.12	15.20	3	Horizontal	314	1.94	-	46.68	38.00	12.16	34.96

802.11a_Nss1,(6Mbps)_4TX

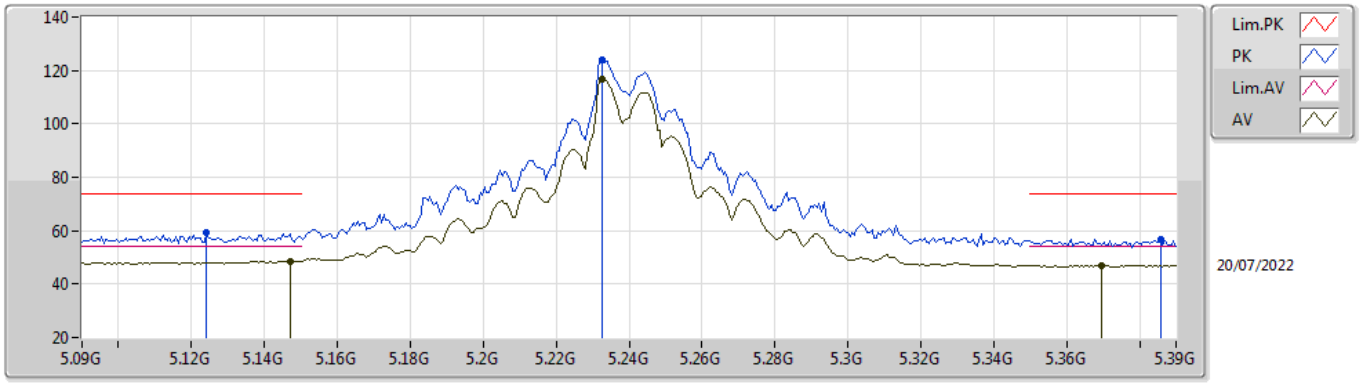
5240MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.138G	47.77	54.00	-6.23	5.19	3	Vertical	46	1.50	-	42.58	33.08	6.87	34.76
AV	5.2346G	113.67	Inf	-Inf	5.30	3	Vertical	46	1.50	-	108.37	33.13	6.93	34.76
AV	5.3882G	46.52	54.00	-7.48	5.27	3	Vertical	46	1.50	-	41.25	32.93	7.11	34.77
PK	5.111G	58.04	74.00	-15.96	5.11	3	Vertical	46	1.50	-	52.93	33.02	6.85	34.76
PK	5.2352G	120.85	Inf	-Inf	5.30	3	Vertical	46	1.50	-	115.55	33.13	6.93	34.76
PK	5.3816G	57.65	74.00	-16.35	5.22	3	Vertical	46	1.50	-	52.43	32.89	7.10	34.77

802.11a_Nss1,(6Mbps)_4TX

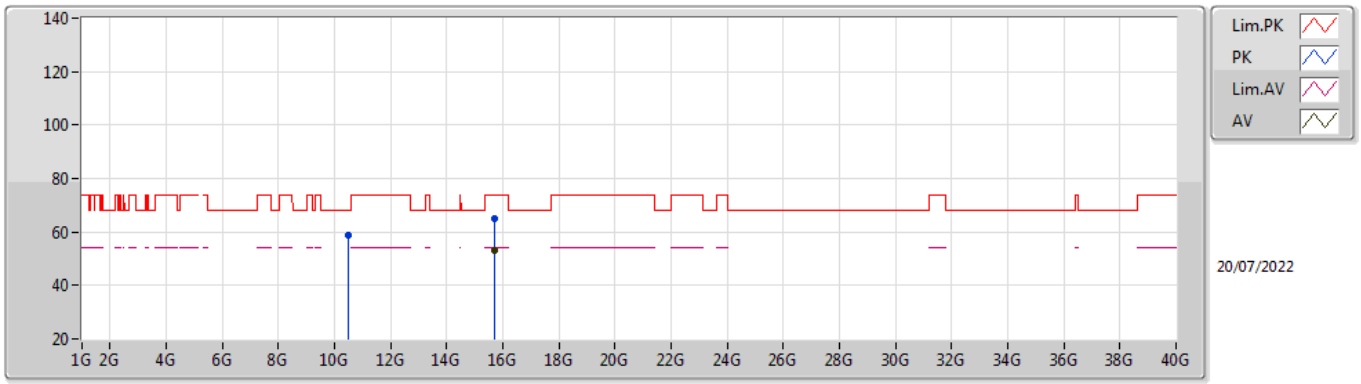
5240MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.147G	48.65	54.00	-5.35	5.20	3	Horizontal	41	2.28	-	43.45	33.09	6.87	34.76
AV	5.2328G	116.51	Inf	-Inf	5.30	3	Horizontal	41	2.28	-	111.21	33.13	6.93	34.76
AV	5.3696G	47.01	54.00	-6.99	5.14	3	Horizontal	41	2.28	-	41.87	32.82	7.09	34.77
PK	5.1242G	59.08	74.00	-14.92	5.15	3	Horizontal	41	2.28	-	53.93	33.05	6.86	34.76
PK	5.2328G	123.86	Inf	-Inf	5.30	3	Horizontal	41	2.28	-	118.56	33.13	6.93	34.76
PK	5.3858G	56.87	74.00	-17.13	5.24	3	Horizontal	41	2.28	-	51.63	32.91	7.10	34.77

802.11a_Nss1,(6Mbps)_4TX

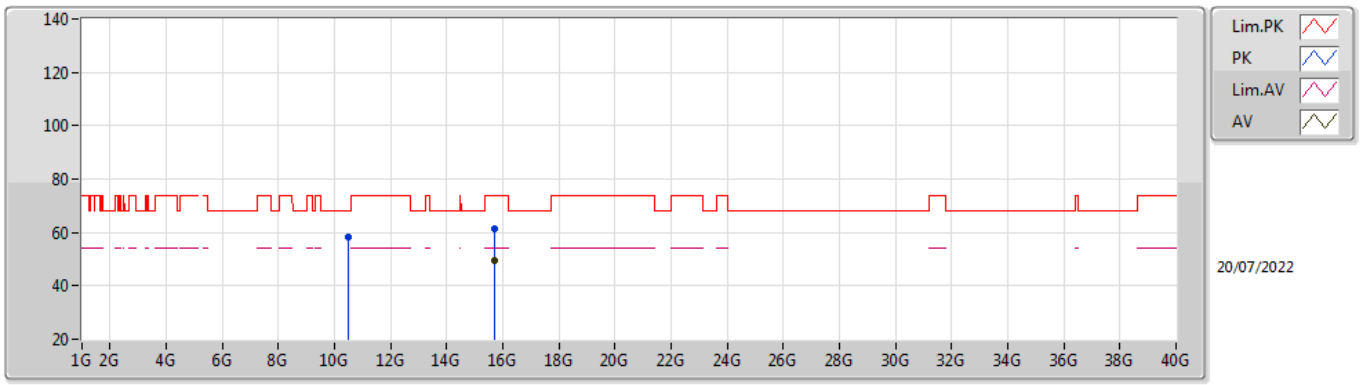
5240MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.72035G	53.12	54.00	-0.88	15.33	3	Vertical	52	1.08	-	37.79	38.08	12.28	35.03
PK	10.4799G	58.60	68.20	-9.60	12.69	3	Vertical	11	1.00	-	45.91	38.58	9.03	34.92
PK	15.72019G	64.95	74.00	-9.05	15.33	3	Vertical	52	1.08	-	49.62	38.08	12.28	35.03

802.11a_Nss1,(6Mbps)_4TX

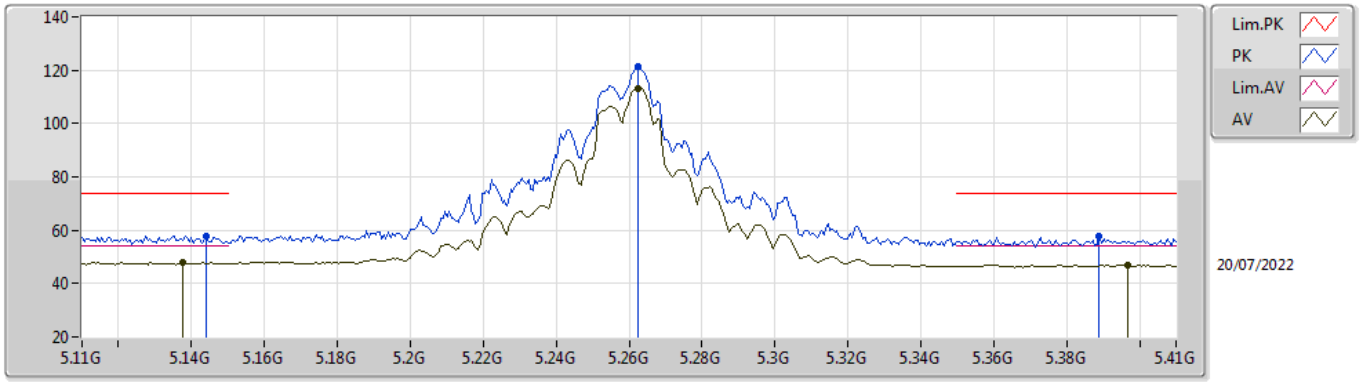
5240MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.71928G	49.38	54.00	-4.62	15.33	3	Horizontal	46	2.00	-	34.05	38.08	12.28	35.03
PK	10.47985G	58.21	68.20	-9.99	12.69	3	Horizontal	60	3.00	-	45.52	38.58	9.03	34.92
PK	15.71907G	61.40	74.00	-12.60	15.33	3	Horizontal	46	2.00	-	46.07	38.08	12.28	35.03

802.11a_Nss1,(6Mbps)_4TX

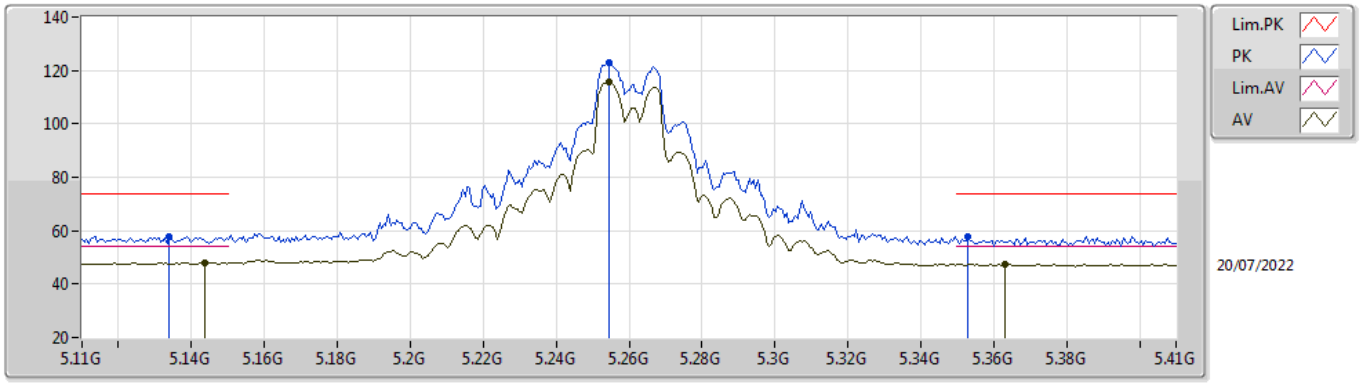
5260MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1376G	48.06	54.00	-5.94	5.19	3	Vertical	59	1.02	-	42.87	33.08	6.87	34.76
AV	5.2624G	113.25	Inf	-Inf	5.24	3	Vertical	59	1.02	-	108.01	33.05	6.96	34.77
AV	5.3968G	47.01	54.00	-6.99	5.33	3	Vertical	59	1.02	-	41.68	32.98	7.12	34.77
PK	5.1442G	57.78	74.00	-16.22	5.20	3	Vertical	59	1.02	-	52.58	33.09	6.87	34.76
PK	5.2624G	121.24	Inf	-Inf	5.24	3	Vertical	59	1.02	-	116.00	33.05	6.96	34.77
PK	5.389G	57.72	74.00	-16.28	5.27	3	Vertical	59	1.02	-	52.45	32.93	7.11	34.77

802.11a_Nss1,(6Mbps)_4TX

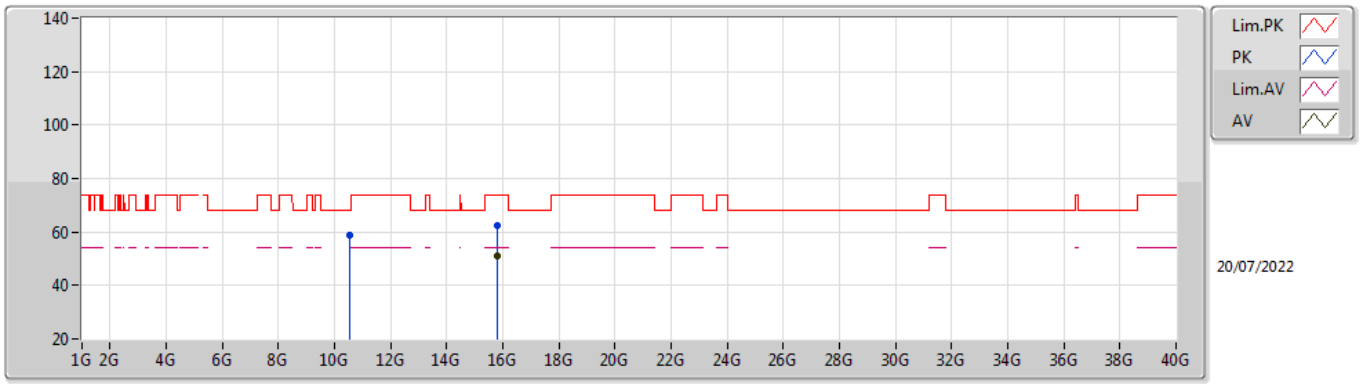
5260MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1436G	48.09	54.00	-5.91	5.20	3	Horizontal	330	1.37	-	42.89	33.09	6.87	34.76
AV	5.2546G	115.47	Inf	-Inf	5.26	3	Horizontal	330	1.37	-	110.21	33.08	6.95	34.77
AV	5.3632G	47.50	54.00	-6.50	5.09	3	Horizontal	330	1.37	-	42.41	32.78	7.08	34.77
PK	5.134G	58.01	74.00	-15.99	5.17	3	Horizontal	330	1.37	-	52.84	33.07	6.86	34.76
PK	5.2546G	123.04	Inf	-Inf	5.26	3	Horizontal	330	1.37	-	117.78	33.08	6.95	34.77
PK	5.353G	57.84	74.00	-16.16	5.02	3	Horizontal	330	1.37	-	52.82	32.72	7.07	34.77

802.11a_Nss1,(6Mbps)_4TX

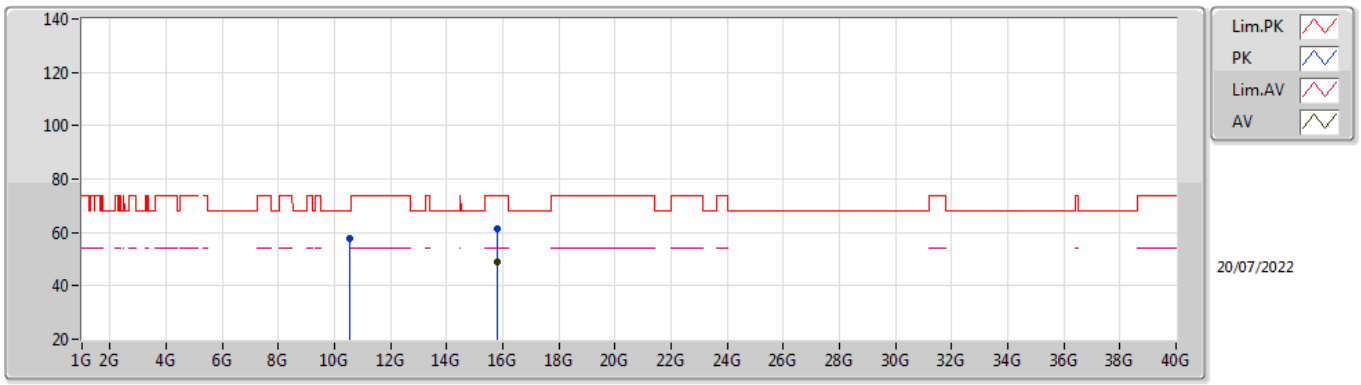
5260MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.78308G	50.79	54.00	-3.21	15.30	3	Vertical	54	1.15	-	35.49	38.02	12.34	35.06
PK	10.52011G	58.58	68.20	-9.62	12.81	3	Vertical	11	1.00	-	45.77	38.66	9.04	34.89
PK	15.78258G	62.33	74.00	-11.67	15.30	3	Vertical	54	1.15	-	47.03	38.02	12.34	35.06

802.11a_Nss1,(6Mbps)_4TX

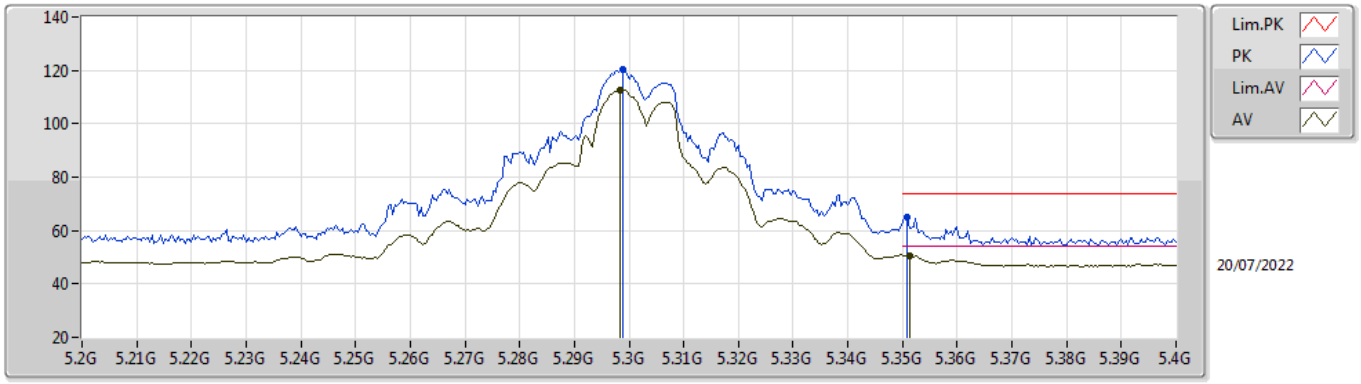
5260MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.78128G	49.02	54.00	-4.98	15.30	3	Horizontal	281	1.96	-	33.72	38.02	12.34	35.06
PK	10.51996G	57.84	68.20	-10.36	12.81	3	Horizontal	60	2.98	-	45.03	38.66	9.04	34.89
PK	15.78158G	61.27	74.00	-12.73	15.30	3	Horizontal	281	1.96	-	45.97	38.02	12.34	35.06

802.11a_Nss1,(6Mbps)_4TX

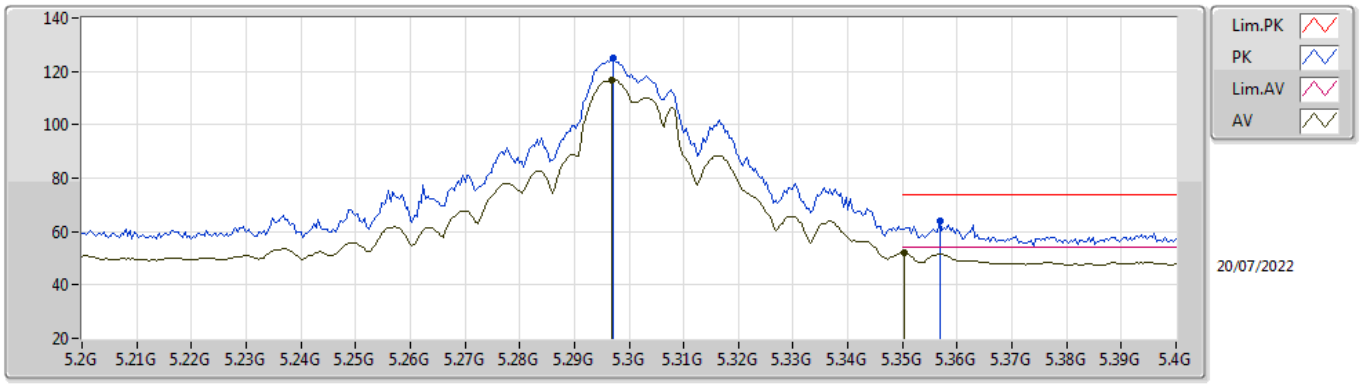
5300MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2984G	112.68	Inf	-Inf	5.14	3	Vertical	326	1.63	-	107.54	32.91	7.00	34.77
AV	5.3512G	50.74	54.00	-3.26	5.00	3	Vertical	326	1.63	-	45.74	32.71	7.06	34.77
PK	5.2988G	120.46	Inf	-Inf	5.13	3	Vertical	326	1.63	-	115.33	32.90	7.00	34.77
PK	5.3508G	64.83	74.00	-9.17	4.99	3	Vertical	326	1.63	-	59.84	32.70	7.06	34.77

802.11a_Nss1,(6Mbps)_4TX

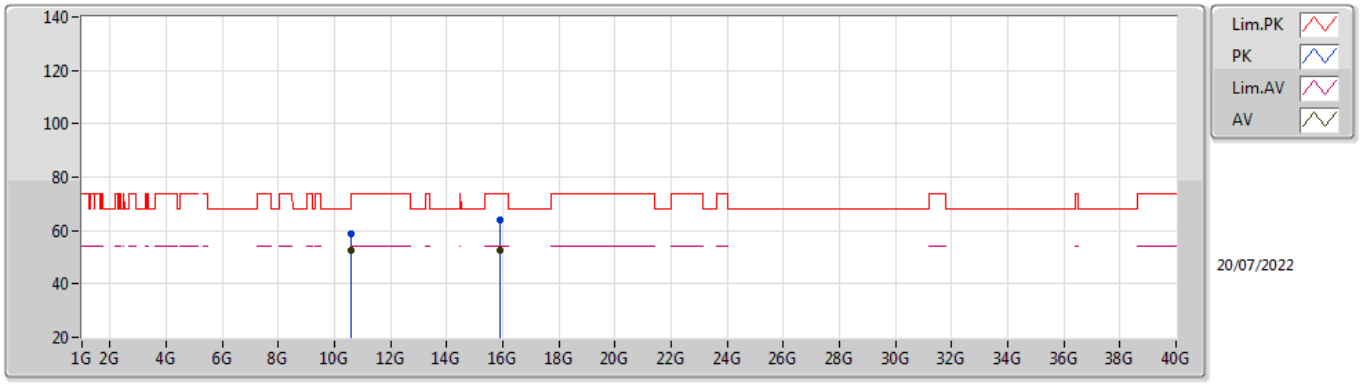
5300MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2968G	116.80	Inf	-Inf	5.14	3	Horizontal	291	1.00	-	111.66	32.91	7.00	34.77
AV	5.3504G	52.02	54.00	-1.98	4.99	3	Horizontal	291	1.00	-	47.03	32.70	7.06	34.77
PK	5.2972G	124.77	Inf	-Inf	5.14	3	Horizontal	291	1.00	-	119.63	32.91	7.00	34.77
PK	5.3568G	63.97	74.00	-10.03	5.04	3	Horizontal	291	1.00	-	58.93	32.74	7.07	34.77

802.11a_Nss1,(6Mbps)_4TX

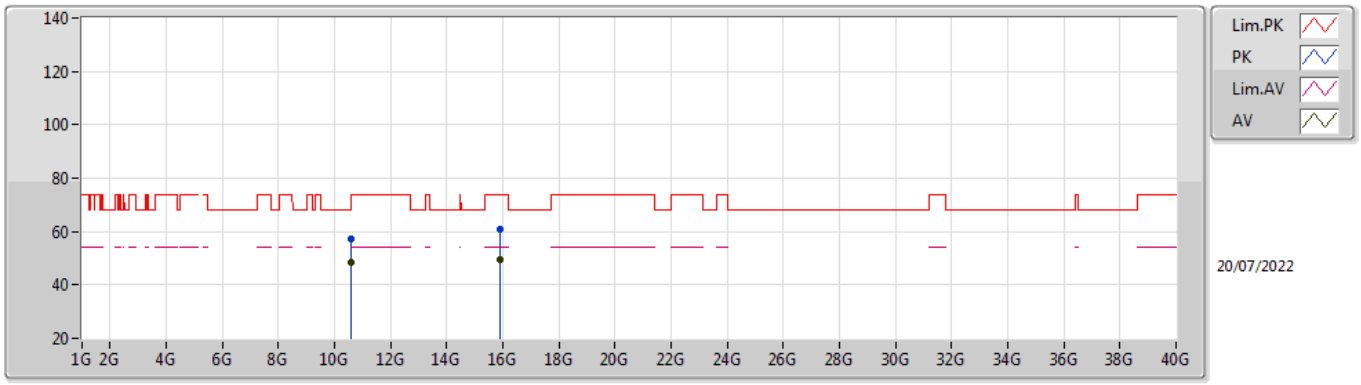
5300MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.60005G	52.72	54.00	-1.28	13.10	3	Vertical	9	2.58	-	39.62	38.90	9.07	34.87
AV	15.9024G	52.61	54.00	-1.39	14.93	3	Vertical	17	1.03	-	37.68	37.60	12.46	35.13
PK	10.59989G	58.85	68.20	-9.35	13.10	3	Vertical	9	2.58	-	45.75	38.90	9.07	34.87
PK	15.90148G	63.98	74.00	-10.02	14.93	3	Vertical	17	1.03	-	49.05	37.60	12.46	35.13

802.11a_Nss1,(6Mbps)_4TX

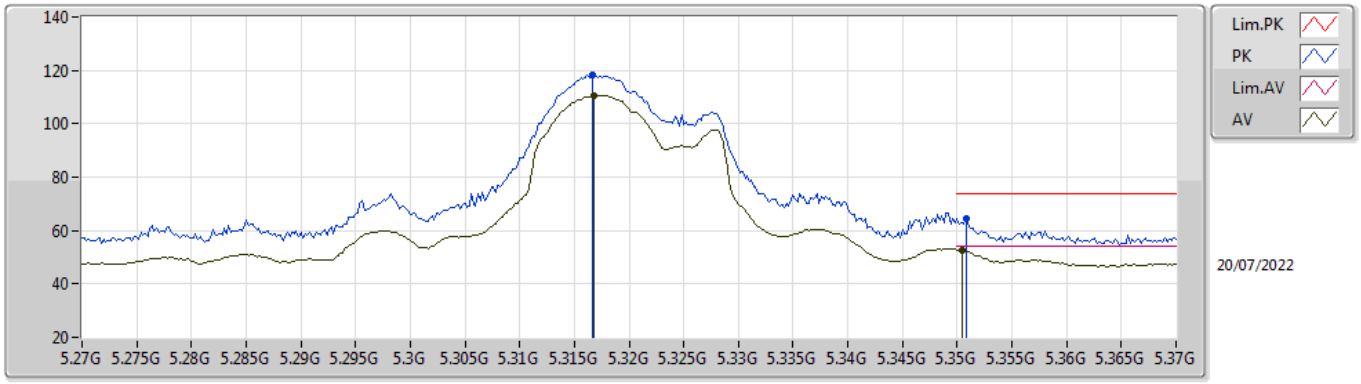
5300MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.60002G	48.62	54.00	-5.38	13.10	3	Horizontal	20	1.63	-	35.52	38.90	9.07	34.87
AV	15.89976G	49.57	54.00	-4.43	14.93	3	Horizontal	290	1.03	-	34.64	37.60	12.46	35.13
PK	10.60012G	57.28	74.00	-16.72	13.10	3	Horizontal	20	1.63	-	44.18	38.90	9.07	34.87
PK	15.89978G	60.70	74.00	-13.30	14.93	3	Horizontal	290	1.03	-	45.77	37.60	12.46	35.13

802.11a_Nss1,(6Mbps)_4TX

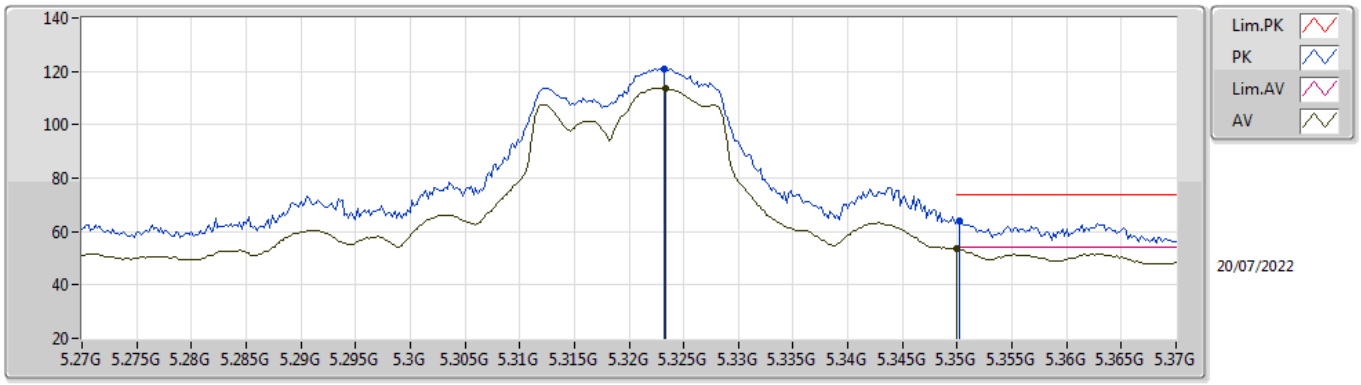
5320MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3168G	110.56	Inf	-Inf	5.08	3	Vertical	333	2.48	-	105.48	32.83	7.02	34.77
AV	5.3504G	52.84	54.00	-1.16	4.99	3	Vertical	333	2.48	-	47.85	32.70	7.06	34.77
PK	5.3166G	118.30	Inf	-Inf	5.08	3	Vertical	333	2.48	-	113.22	32.83	7.02	34.77
PK	5.3508G	64.36	74.00	-9.64	4.99	3	Vertical	333	2.48	-	59.37	32.70	7.06	34.77

802.11a_Nss1,(6Mbps)_4TX

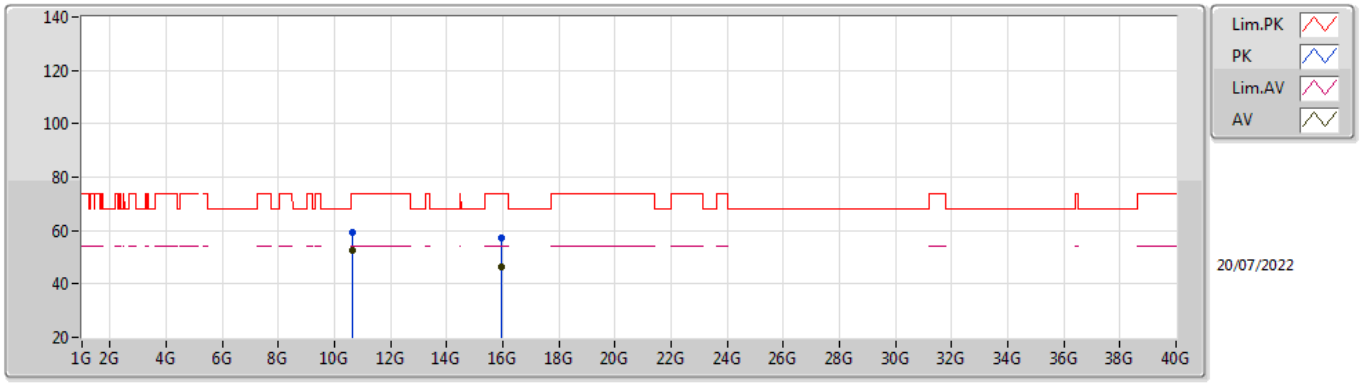
5320MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3234G	113.72	Inf	-Inf	5.07	3	Horizontal	293	1.00	-	108.65	32.81	7.03	34.77
AV	5.35G	53.64	54.00	-0.36	4.99	3	Horizontal	293	1.00	-	48.65	32.70	7.06	34.77
PK	5.3232G	121.03	Inf	-Inf	5.07	3	Horizontal	293	1.00	-	115.96	32.81	7.03	34.77
PK	5.3502G	63.74	74.00	-10.26	4.99	3	Horizontal	293	1.00	-	58.75	32.70	7.06	34.77

802.11a_Nss1,(6Mbps)_4TX

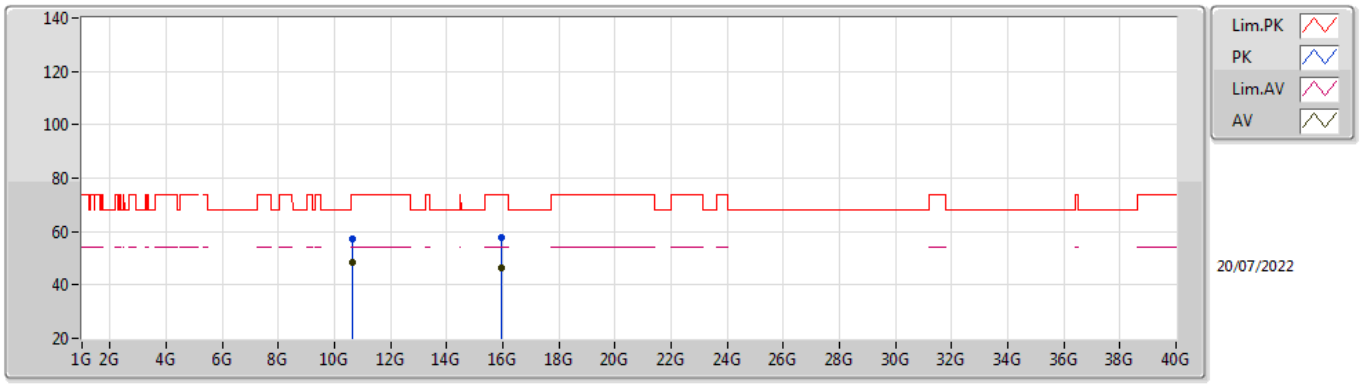
5320MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.63998G	52.83	54.00	-1.17	13.20	3	Vertical	12	1.05	-	39.63	38.98	9.08	34.86
AV	15.96316G	46.20	54.00	-7.80	14.95	3	Vertical	321	2.37	-	31.25	37.60	12.52	35.17
PK	10.64G	59.07	74.00	-14.93	13.20	3	Vertical	12	1.05	-	45.87	38.98	9.08	34.86
PK	15.95664G	57.07	74.00	-16.93	14.96	3	Vertical	321	2.37	-	42.11	37.60	12.52	35.16

802.11a_Nss1,(6Mbps)_4TX

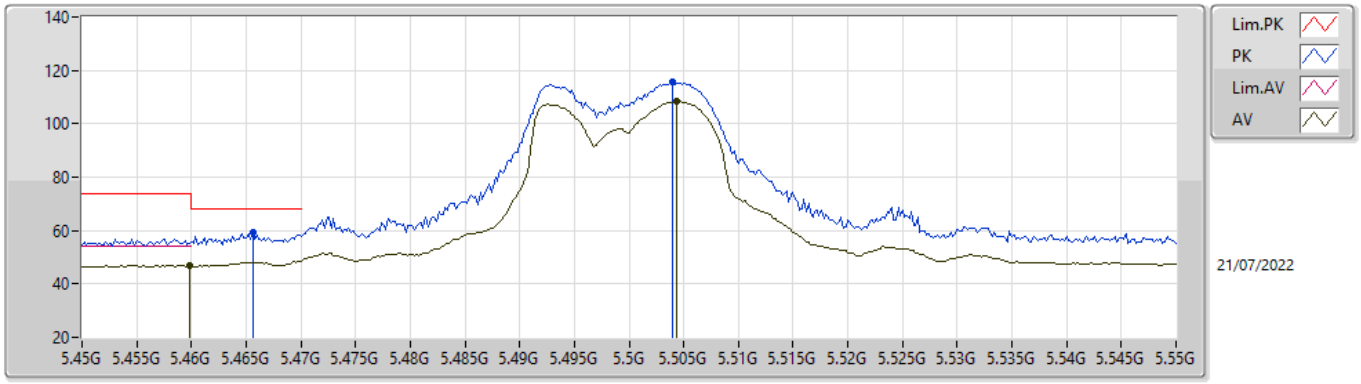
5320MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.64001G	48.33	54.00	-5.67	13.20	3	Horizontal	22	1.66	-	35.13	38.98	9.08	34.86
AV	15.96408G	46.33	54.00	-7.67	14.95	3	Horizontal	330	1.48	-	31.38	37.60	12.52	35.17
PK	10.64002G	57.11	74.00	-16.89	13.20	3	Horizontal	22	1.66	-	43.91	38.98	9.08	34.86
PK	15.95646G	57.74	74.00	-16.26	14.96	3	Horizontal	330	1.48	-	42.78	37.60	12.52	35.16

802.11a_Nss1,(6Mbps)_4TX

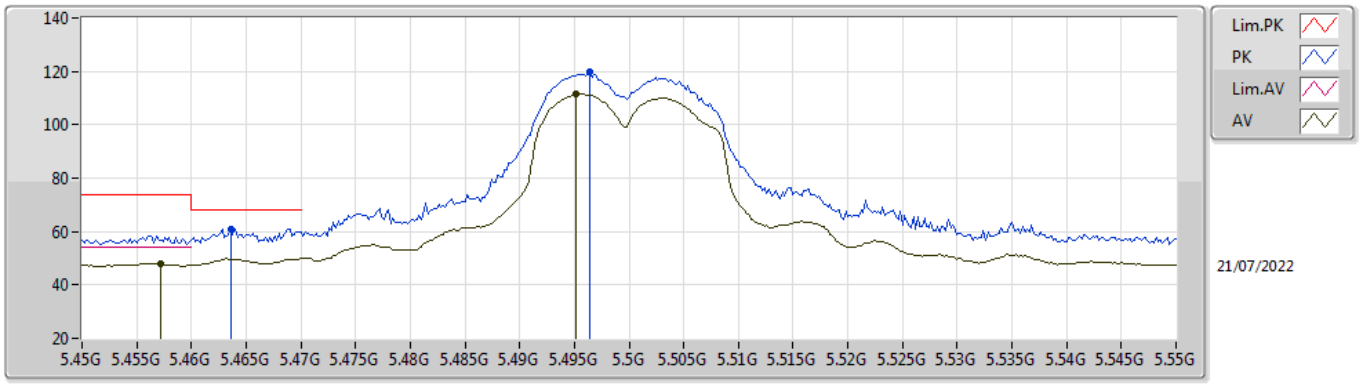
5500MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4598G	46.93	54.00	-7.07	5.13	3	Vertical	0	2.03	-	41.80	32.82	7.08	34.77
AV	5.5044G	108.24	Inf	-Inf	5.19	3	Vertical	0	2.03	-	103.05	32.91	7.05	34.77
PK	5.4656G	59.39	68.20	-8.81	5.14	3	Vertical	0	2.03	-	54.25	32.83	7.08	34.77
PK	5.504G	115.67	Inf	-Inf	5.19	3	Vertical	0	2.03	-	110.48	32.91	7.05	34.77

802.11a_Nss1,(6Mbps)_4TX

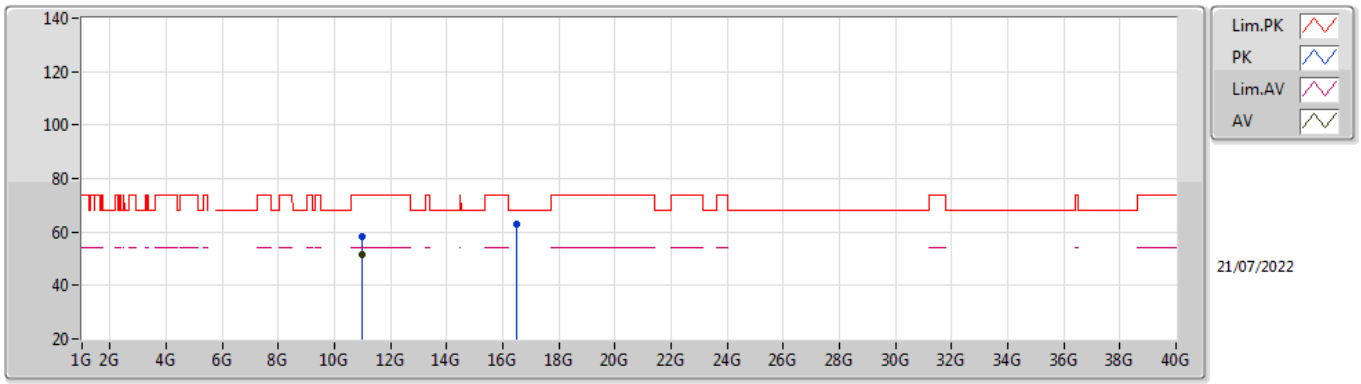
5500MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4572G	48.04	54.00	-5.96	5.12	3	Horizontal	298	2.72	-	42.92	32.81	7.08	34.77
AV	5.4952G	111.38	Inf	-Inf	5.18	3	Horizontal	298	2.72	-	106.20	32.89	7.06	34.77
PK	5.4636G	61.01	68.20	-7.19	5.14	3	Horizontal	298	2.72	-	55.87	32.83	7.08	34.77
PK	5.4964G	119.60	Inf	-Inf	5.18	3	Horizontal	298	2.72	-	114.42	32.89	7.06	34.77

802.11a_Nss1,(6Mbps)_4TX

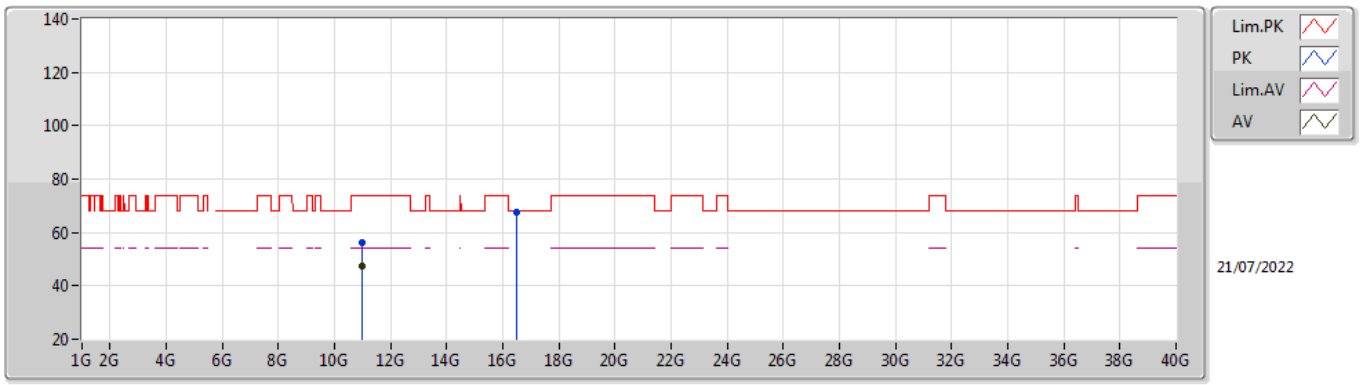
5500MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.99993G	51.39	54.00	-2.61	13.16	3	Vertical	14	1.70	-	38.23	38.70	9.20	34.74
PK	10.99996G	58.31	74.00	-15.69	13.16	3	Vertical	14	1.70	-	45.15	38.70	9.20	34.74
PK	16.4957G	62.73	68.20	-5.47	16.43	3	Vertical	342	2.50	-	46.30	38.67	12.70	34.94

802.11a_Nss1,(6Mbps)_4TX

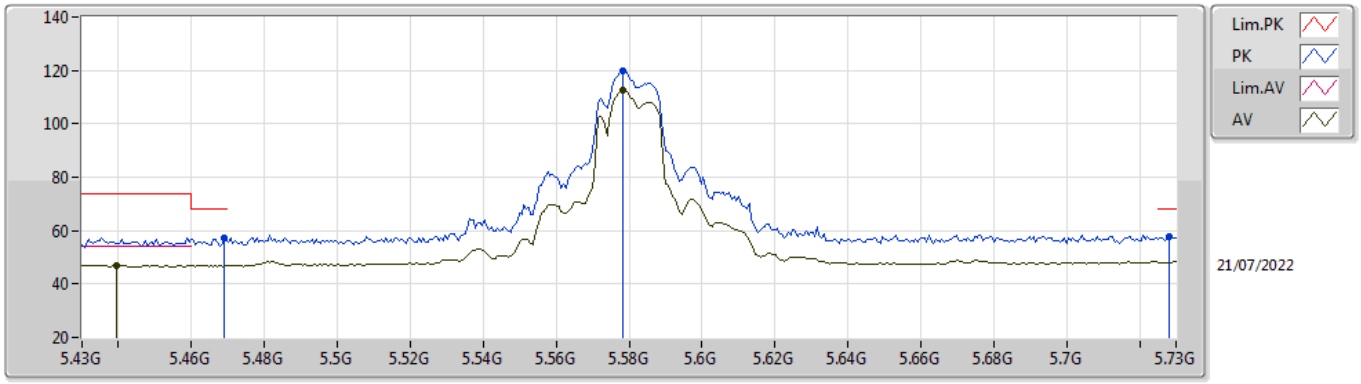
5500MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.99994G	47.49	54.00	-6.51	13.16	3	Horizontal	300	1.55	-	34.33	38.70	9.20	34.74
PK	10.99966G	56.44	74.00	-17.56	13.16	3	Horizontal	300	1.55	-	43.28	38.70	9.20	34.74
PK	16.50088G	67.59	68.20	-0.61	16.47	3	Horizontal	31	1.87	-	51.12	38.70	12.71	34.94

802.11a_Nss1,(6Mbps)_4TX

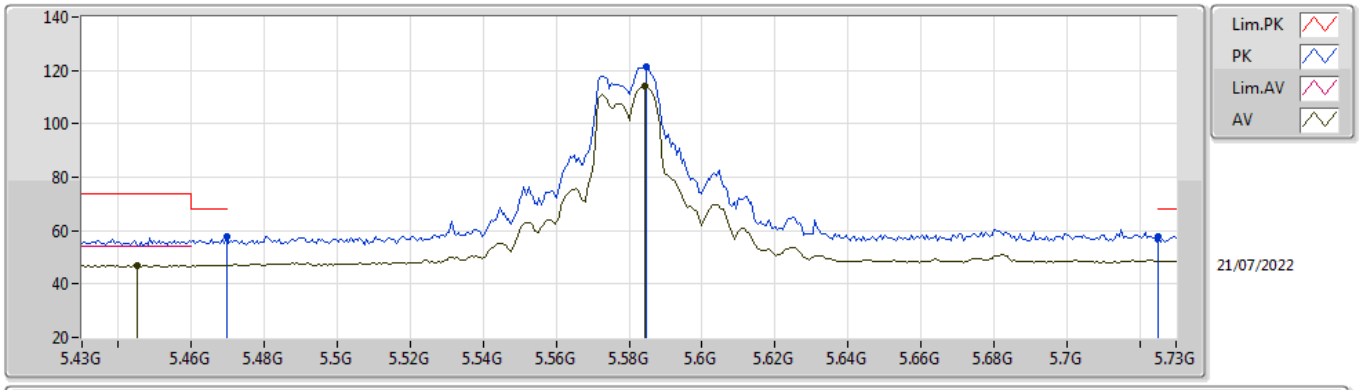
5580MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4396G	47.07	54.00	-6.93	5.16	3	Vertical	1	2.91	-	41.91	32.84	7.09	34.77
AV	5.5782G	112.51	Inf	-Inf	5.23	3	Vertical	1	2.91	-	107.28	33.00	7.00	34.77
PK	5.469G	57.00	68.20	-11.20	5.15	3	Vertical	1	2.91	-	51.85	32.84	7.08	34.77
PK	5.5782G	119.64	Inf	-Inf	5.23	3	Vertical	1	2.91	-	114.41	33.00	7.00	34.77
PK	5.7282G	57.75	68.20	-10.45	5.68	3	Vertical	1	2.91	-	52.07	33.51	6.94	34.77

802.11a_Nss1,(6Mbps)_4TX

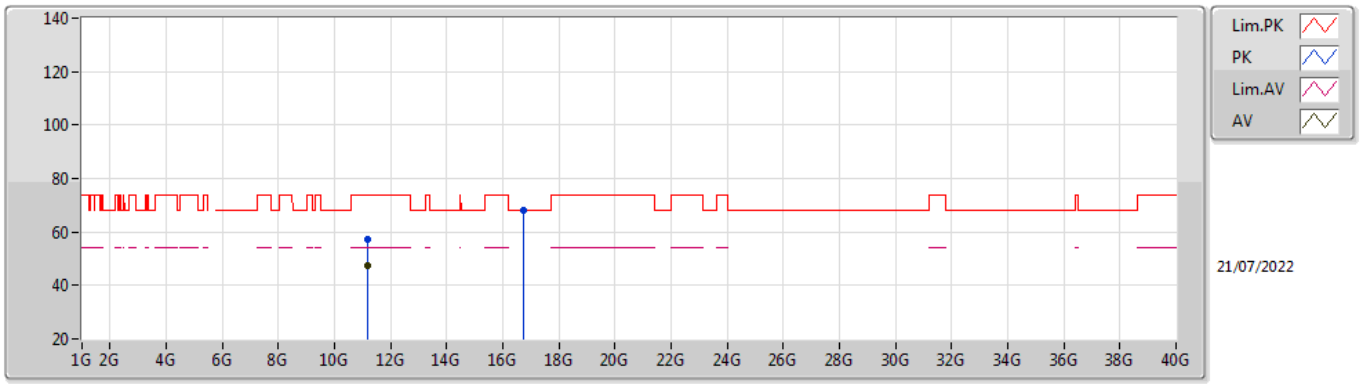
5580MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.445G	46.99	54.00	-7.01	5.14	3	Horizontal	330	1.00	-	41.85	32.82	7.09	34.77
AV	5.5842G	114.17	Inf	-Inf	5.23	3	Horizontal	330	1.00	-	108.94	33.00	7.00	34.77
PK	5.4696G	57.98	68.20	-10.22	5.14	3	Horizontal	330	1.00	-	52.84	32.84	7.07	34.77
PK	5.5848G	121.24	Inf	-Inf	5.23	3	Horizontal	330	1.00	-	116.01	33.00	7.00	34.77
PK	5.7252G	57.60	68.20	-10.60	5.67	3	Horizontal	330	1.00	-	51.93	33.50	6.94	34.77

802.11a_Nss1,(6Mbps)_4TX

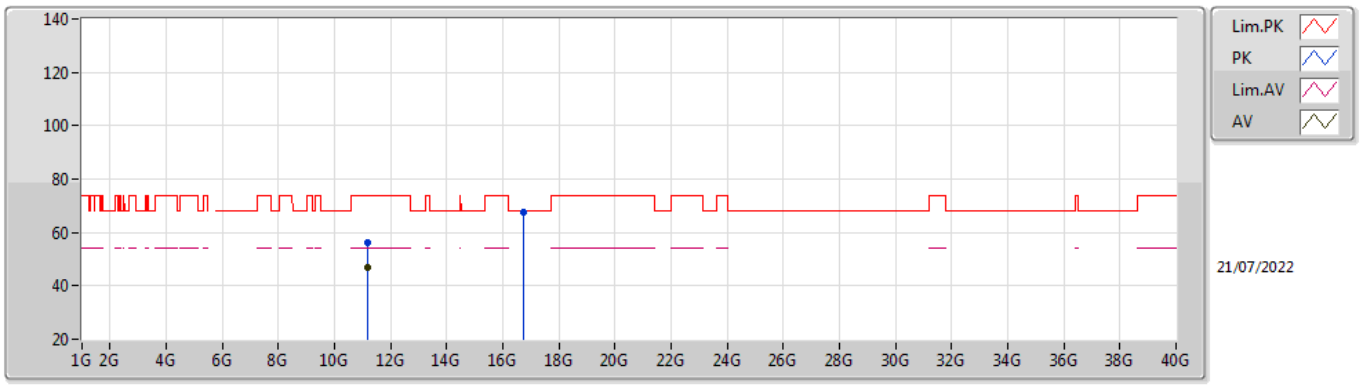
5580MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.15999G	47.56	54.00	-6.44	13.21	3	Vertical	355	2.38	-	34.35	38.66	9.25	34.70
PK	11.16022G	57.36	74.00	-16.64	13.21	3	Vertical	355	2.38	-	44.15	38.66	9.25	34.70
PK	16.73644G	68.07	68.20	-0.13	16.47	3	Vertical	325	1.14	-	51.60	38.17	12.77	34.47

802.11a_Nss1,(6Mbps)_4TX

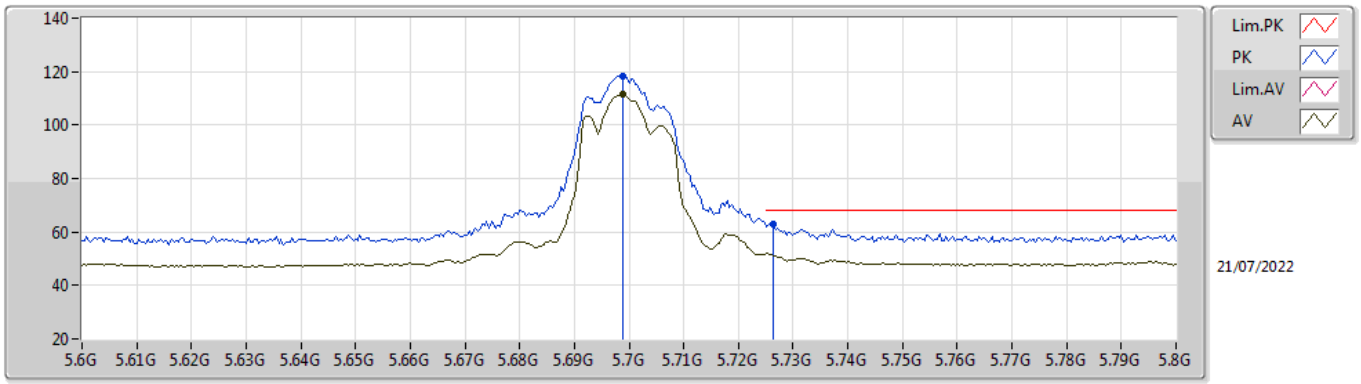
5580MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.15986G	47.01	54.00	-6.99	13.21	3	Horizontal	304	2.91	-	33.80	38.66	9.25	34.70
PK	11.16018G	56.31	74.00	-17.69	13.21	3	Horizontal	304	2.91	-	43.10	38.66	9.25	34.70
PK	16.73899G	67.38	68.20	-0.82	16.49	3	Horizontal	22	1.89	-	50.89	38.18	12.77	34.46

802.11a_Nss1,(6Mbps)_4TX

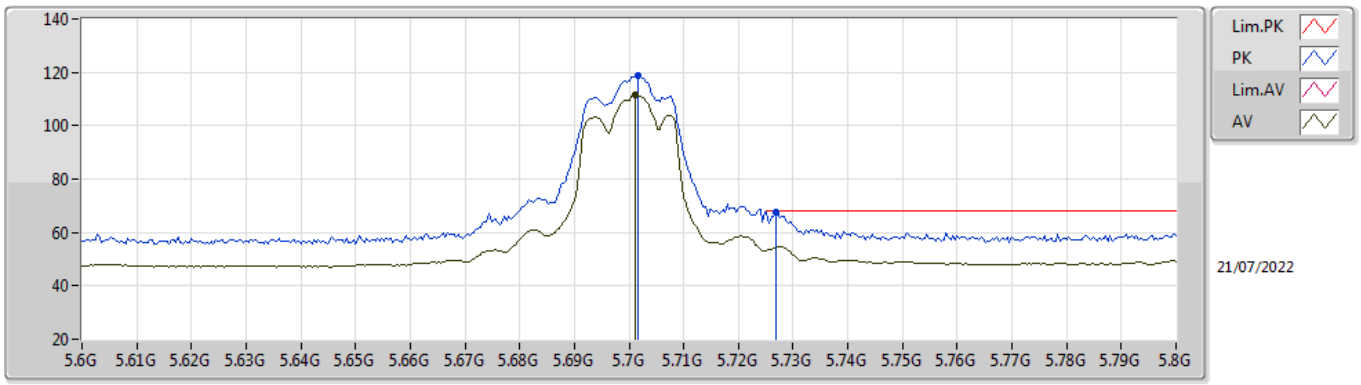
5700MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6988G	111.33	Inf	-Inf	5.57	3	Vertical	34	1.22	-	105.76	33.39	6.95	34.77
PK	5.6988G	118.51	Inf	-Inf	5.57	3	Vertical	34	1.22	-	112.94	33.39	6.95	34.77
PK	5.7264G	62.79	68.20	-5.41	5.68	3	Vertical	34	1.22	-	57.11	33.51	6.94	34.77

802.11a_Nss1,(6Mbps)_4TX

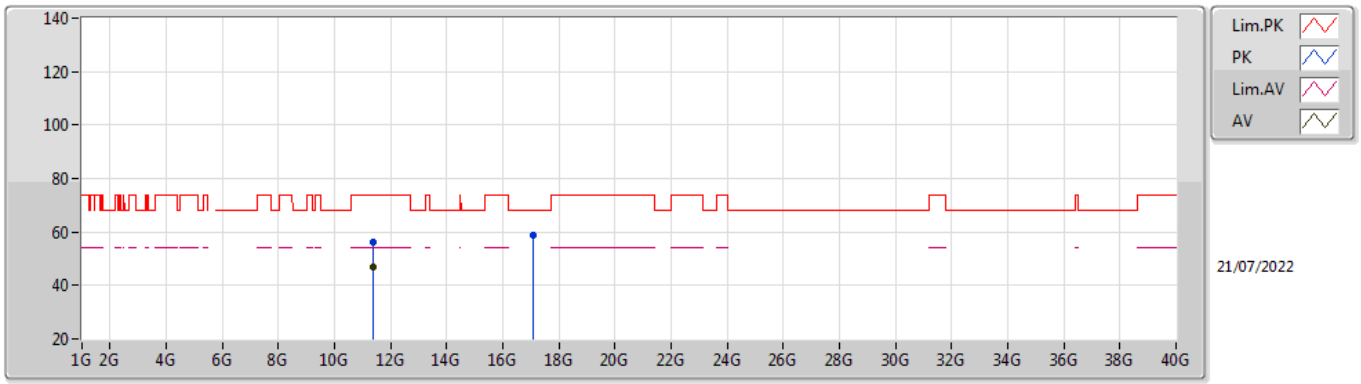
5700MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7012G	111.58	Inf	-Inf	5.58	3	Horizontal	2	1.50	-	106.00	33.40	6.95	34.77
PK	5.7016G	118.77	Inf	-Inf	5.59	3	Horizontal	2	1.50	-	113.18	33.41	6.95	34.77
PK	5.7268G	67.65	68.20	-0.55	5.68	3	Horizontal	2	1.50	-	61.97	33.51	6.94	34.77

802.11a_Nss1,(6Mbps)_4TX

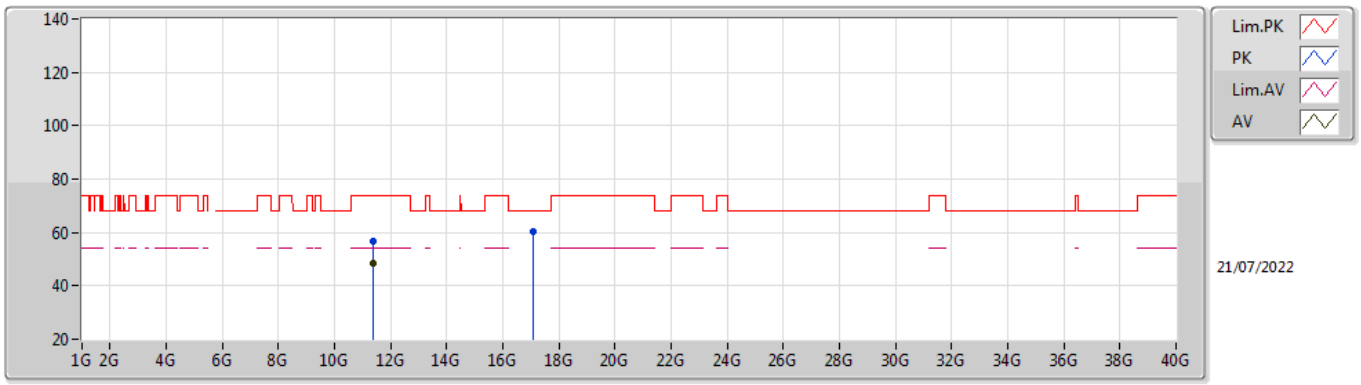
5700MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.39983G	47.06	54.00	-6.94	13.59	3	Vertical	2	1.13	-	33.47	38.90	9.33	34.64
PK	11.39991G	56.25	74.00	-17.75	13.59	3	Vertical	2	1.13	-	42.66	38.90	9.33	34.64
PK	17.09752G	59.05	68.20	-9.15	16.81	3	Vertical	52	1.50	-	42.24	38.00	12.88	34.07

802.11a_Nss1,(6Mbps)_4TX

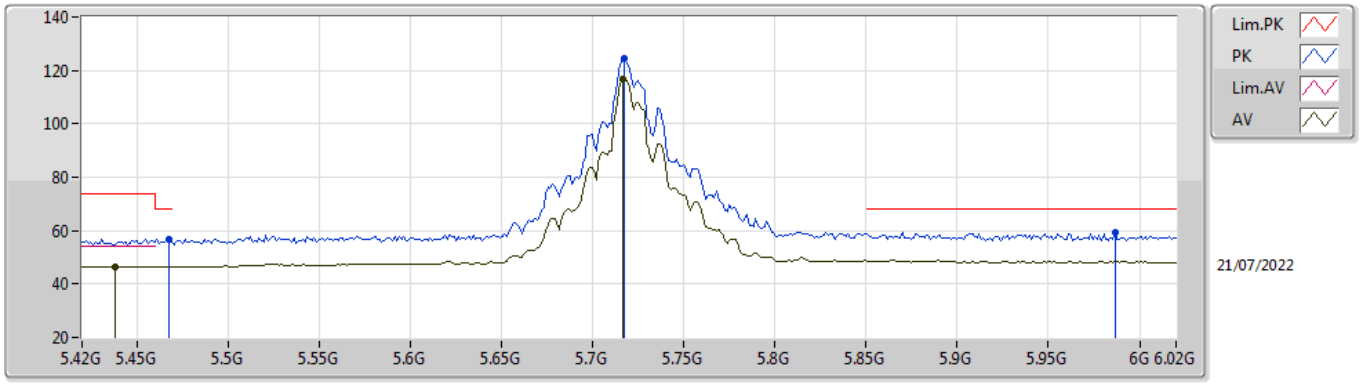
5700MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.40001G	48.39	54.00	-5.61	13.59	3	Horizontal	3	2.03	-	34.80	38.90	9.33	34.64
PK	11.39996G	56.80	74.00	-17.20	13.59	3	Horizontal	3	2.03	-	43.21	38.90	9.33	34.64
PK	17.10438G	60.17	68.20	-8.03	16.81	3	Horizontal	0	1.71	-	43.36	38.01	12.88	34.08

802.11a_Nss1,(6Mbps)_4TX

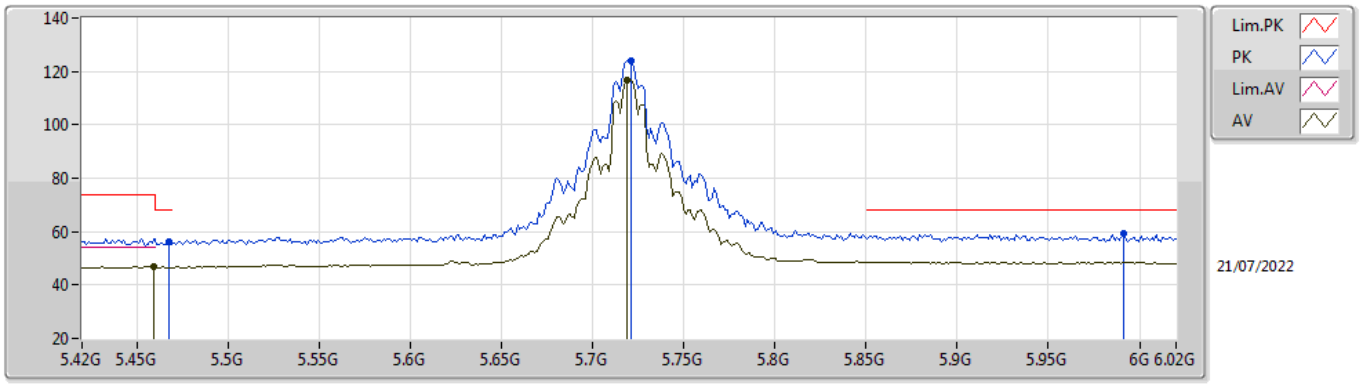
5720MHz Straddle 5.47-5.725GHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.438G	46.58	54.00	-7.42	5.18	3	Vertical	32	2.72	-	41.40	32.85	7.10	34.77
AV	5.7164G	116.53	Inf	-Inf	5.64	3	Vertical	32	2.72	-	110.89	33.47	6.94	34.77
PK	5.468G	56.97	68.20	-11.23	5.15	3	Vertical	32	2.72	-	51.82	32.84	7.08	34.77
PK	5.7176G	124.41	Inf	-Inf	5.64	3	Vertical	32	2.72	-	118.77	33.47	6.94	34.77
PK	5.9864G	59.47	68.20	-8.73	7.19	3	Vertical	32	2.72	-	52.28	34.23	7.73	34.77

802.11a_Nss1,(6Mbps)_4TX

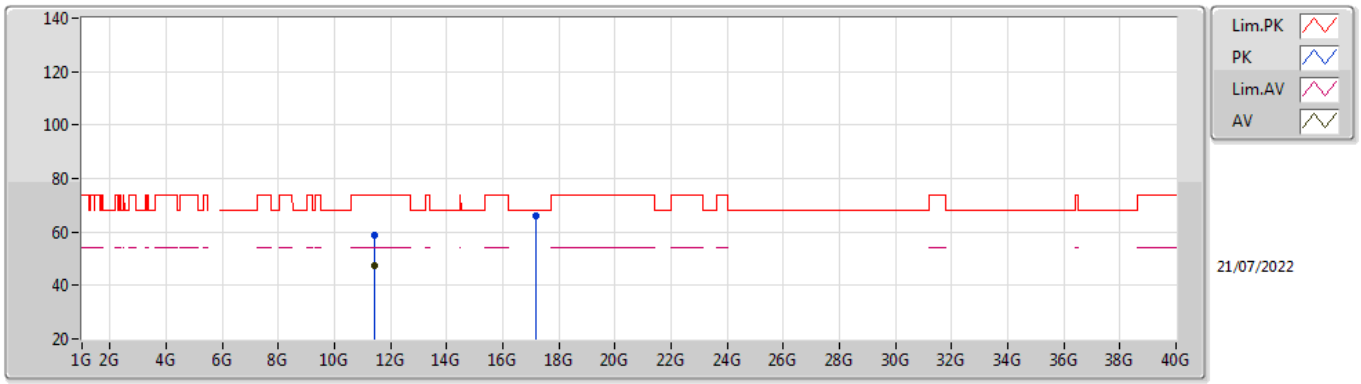
5720MHz Straddle 5.47-5.725GHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4596G	46.75	54.00	-7.25	5.13	3	Horizontal	23	1.33	-	41.62	32.82	7.08	34.77
AV	5.7188G	116.72	Inf	-Inf	5.65	3	Horizontal	23	1.33	-	111.07	33.48	6.94	34.77
PK	5.468G	56.36	68.20	-11.84	5.15	3	Horizontal	23	1.33	-	51.21	32.84	7.08	34.77
PK	5.7212G	123.97	Inf	-Inf	5.65	3	Horizontal	23	1.33	-	118.32	33.48	6.94	34.77
PK	5.9912G	59.07	68.20	-9.13	7.20	3	Horizontal	23	1.33	-	51.87	34.22	7.75	34.77

802.11a_Nss1,(6Mbps)_4TX

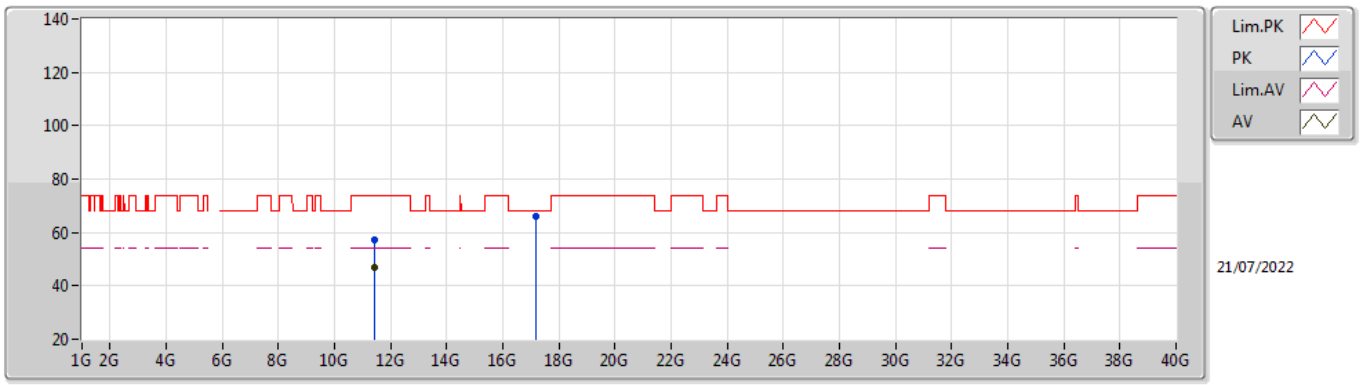
5720MHz Straddle 5.47-5.725GHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.43995G	47.29	54.00	-6.71	13.54	3	Vertical	328	1.04	-	33.75	38.82	9.35	34.63
PK	11.44001G	58.60	74.00	-15.40	13.54	3	Vertical	328	1.04	-	45.06	38.82	9.35	34.63
PK	17.1564G	65.93	68.20	-2.27	16.92	3	Vertical	360	2.10	-	49.01	38.17	12.90	34.15

802.11a_Nss1,(6Mbps)_4TX

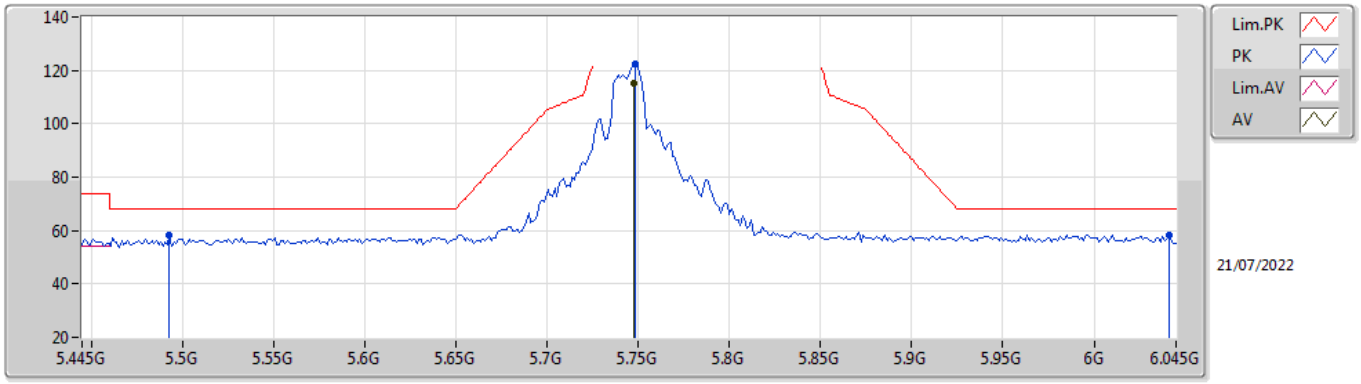
5720MHz Straddle 5.47-5.725GHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.44008G	46.77	54.00	-7.23	13.54	3	Horizontal	14	1.89	-	33.23	38.82	9.35	34.63
PK	11.44006G	57.06	74.00	-16.94	13.54	3	Horizontal	14	1.89	-	43.52	38.82	9.35	34.63
PK	17.15802G	66.28	68.20	-1.92	16.92	3	Horizontal	18	1.16	-	49.36	38.17	12.90	34.15

802.11a_Nss1,(6Mbps)_4TX

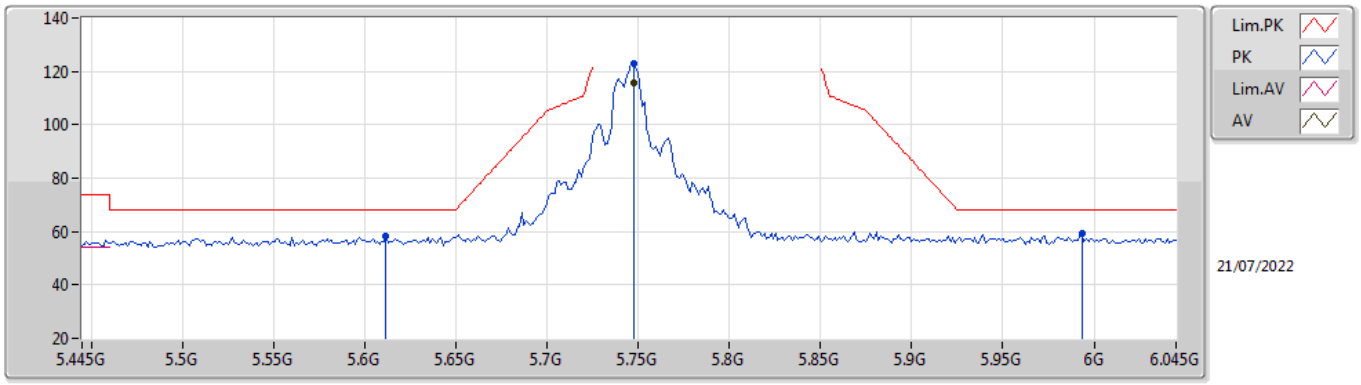
5745MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7474G	114.99	Inf	-Inf	5.75	3	Vertical	360	1.26	-	109.24	33.59	6.93	34.77
PK	5.493G	58.46	68.20	-9.74	5.18	3	Vertical	360	1.26	-	53.28	32.89	7.06	34.77
PK	5.7486G	122.53	Inf	-Inf	5.75	3	Vertical	360	1.26	-	116.78	33.59	6.93	34.77
PK	6.0414G	58.50	68.20	-9.70	6.94	3	Vertical	360	1.26	-	51.56	34.03	7.67	34.76

802.11a_Nss1,(6Mbps)_4TX

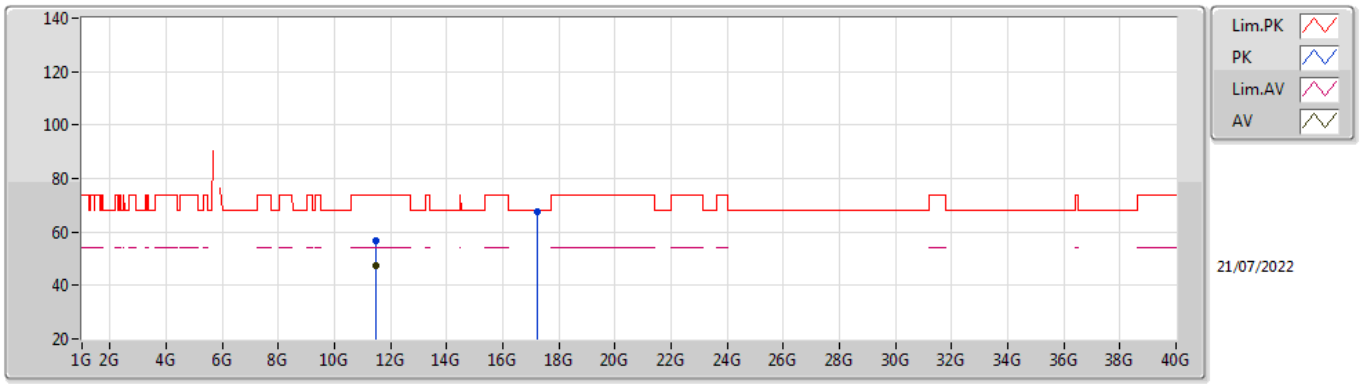
5745MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7474G	115.92	Inf	-Inf	5.75	3	Horizontal	4	1.43	-	110.17	33.59	6.93	34.77
PK	5.6118G	58.24	68.20	-9.96	5.22	3	Horizontal	4	1.43	-	53.02	33.00	6.99	34.77
PK	5.7474G	123.10	Inf	-Inf	5.75	3	Horizontal	4	1.43	-	117.35	33.59	6.93	34.77
PK	5.9934G	59.34	68.20	-8.86	7.20	3	Horizontal	4	1.43	-	52.14	34.21	7.76	34.77

802.11a_Nss1,(6Mbps)_4TX

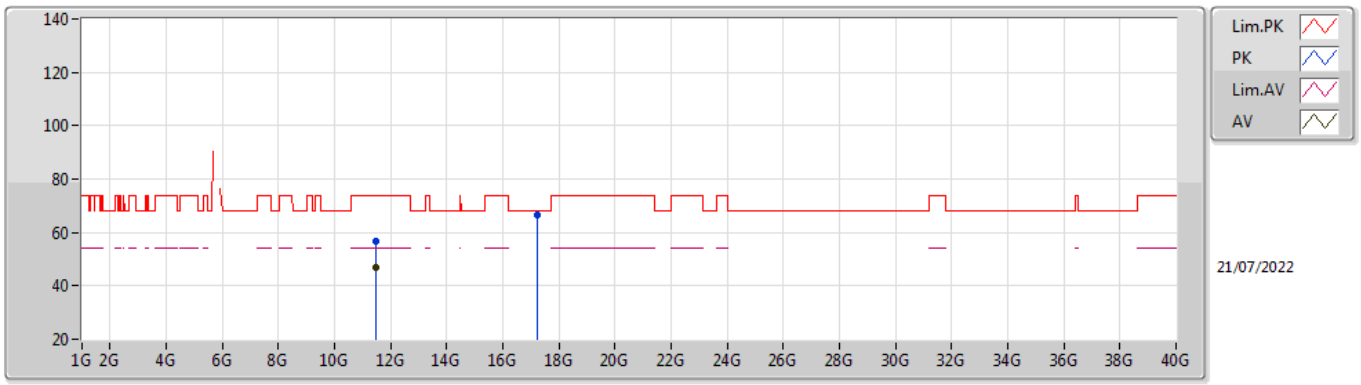
5745MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.48997G	47.47	54.00	-6.53	13.47	3	Vertical	2	1.02	-	34.00	38.72	9.36	34.61
PK	11.48976G	56.88	74.00	-17.12	13.47	3	Vertical	2	1.02	-	43.41	38.72	9.36	34.61
PK	17.23424G	67.74	68.20	-0.46	16.94	3	Vertical	308	1.01	-	50.80	38.27	12.92	34.25

802.11a_Nss1,(6Mbps)_4TX

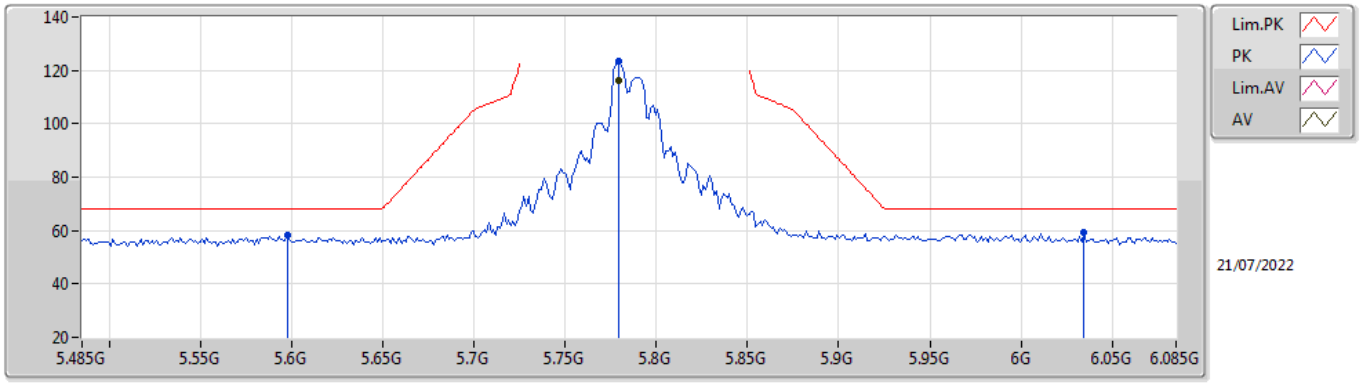
5745MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.48993G	47.10	54.00	-6.90	13.47	3	Horizontal	21	2.78	-	33.63	38.72	9.36	34.61
PK	11.48996G	56.66	74.00	-17.34	13.47	3	Horizontal	21	2.78	-	43.19	38.72	9.36	34.61
PK	17.22976G	66.53	68.20	-1.67	16.94	3	Horizontal	34	1.18	-	49.59	38.27	12.92	34.25

802.11a_Nss1,(6Mbps)_4TX

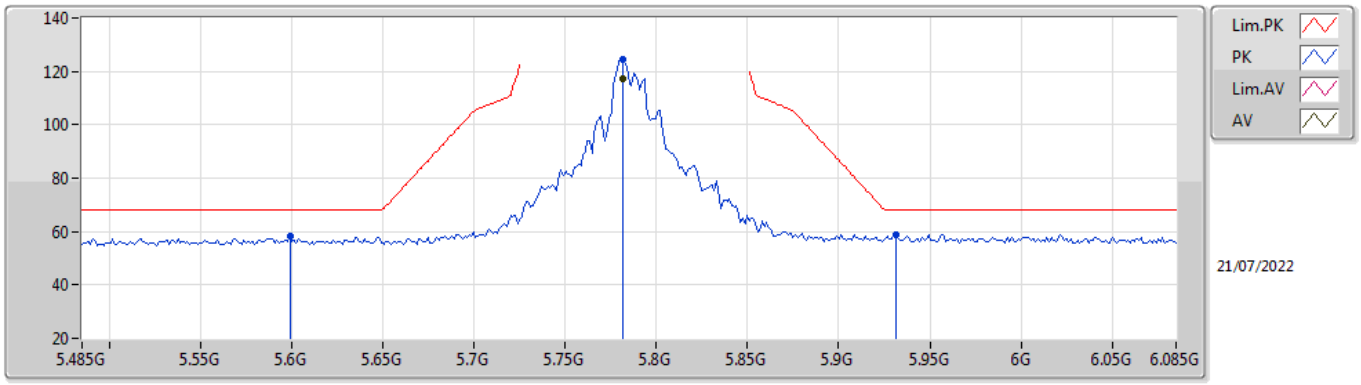
5785MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.779G	115.99	Inf	-Inf	5.92	3	Vertical	31	1.72	-	110.07	33.77	6.92	34.77
PK	5.5978G	58.34	68.20	-9.86	5.22	3	Vertical	31	1.72	-	53.12	33.00	6.99	34.77
PK	5.779G	123.20	Inf	-Inf	5.92	3	Vertical	31	1.72	-	117.28	33.77	6.92	34.77
PK	6.0346G	59.09	68.20	-9.11	6.98	3	Vertical	31	1.72	-	52.11	34.06	7.69	34.77

802.11a_Nss1,(6Mbps)_4TX

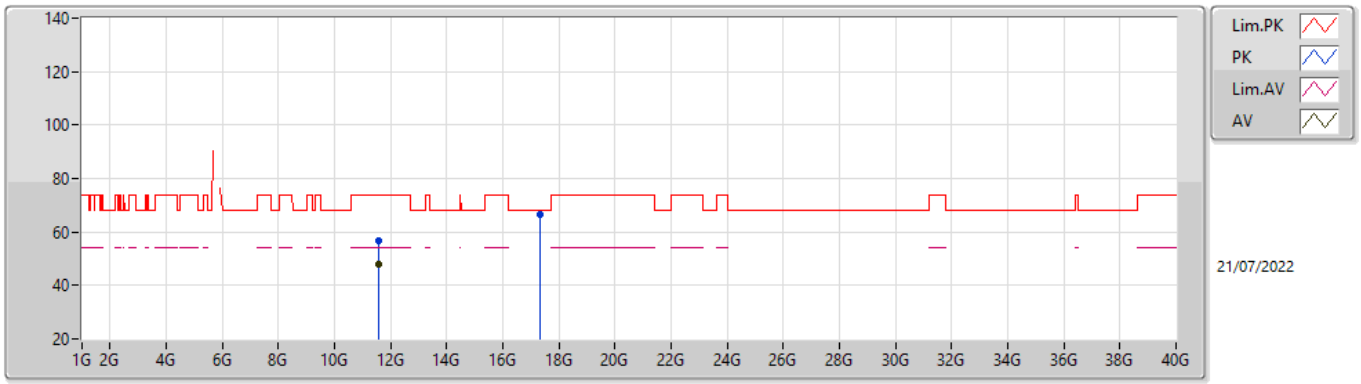
5785MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7814G	117.49	Inf	-Inf	5.94	3	Horizontal	324	2.74	-	111.55	33.79	6.92	34.77
PK	5.599G	58.05	68.20	-10.15	5.22	3	Horizontal	324	2.74	-	52.83	33.00	6.99	34.77
PK	5.7814G	124.62	Inf	-Inf	5.94	3	Horizontal	324	2.74	-	118.68	33.79	6.92	34.77
PK	5.9314G	58.79	68.20	-9.41	7.02	3	Horizontal	324	2.74	-	51.77	34.30	7.49	34.77

802.11a_Nss1,(6Mbps)_4TX

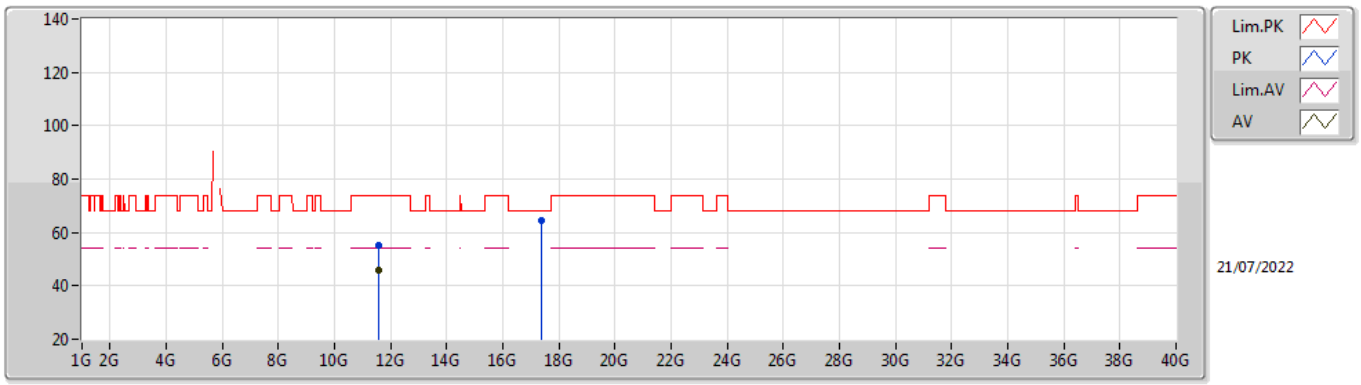
5785MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.56988G	48.10	54.00	-5.90	13.32	3	Vertical	0	1.00	-	34.78	38.56	9.39	34.63
PK	11.56984G	56.62	74.00	-17.38	13.32	3	Vertical	0	1.00	-	43.30	38.56	9.39	34.63
PK	17.34896G	66.63	68.20	-1.57	16.84	3	Vertical	3	1.01	-	49.79	38.30	12.95	34.41

802.11a_Nss1,(6Mbps)_4TX

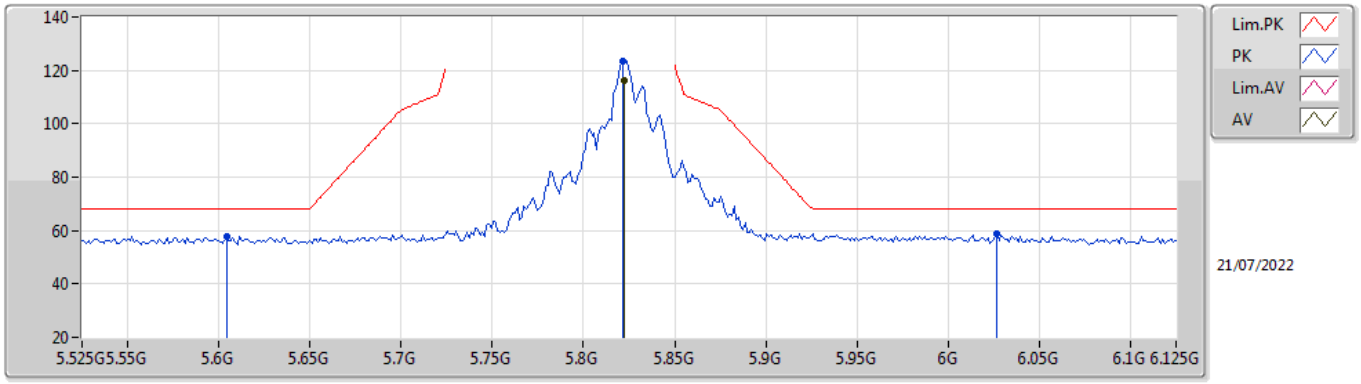
5785MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.57G	46.02	54.00	-7.98	13.32	3	Horizontal	44	2.78	-	32.70	38.56	9.39	34.63
PK	11.57008G	55.41	74.00	-18.59	13.32	3	Horizontal	44	2.78	-	42.09	38.56	9.39	34.63
PK	17.35324G	64.33	68.20	-3.87	16.85	3	Horizontal	37	1.00	-	47.48	38.31	12.95	34.41

802.11a_Nss1,(6Mbps)_4TX

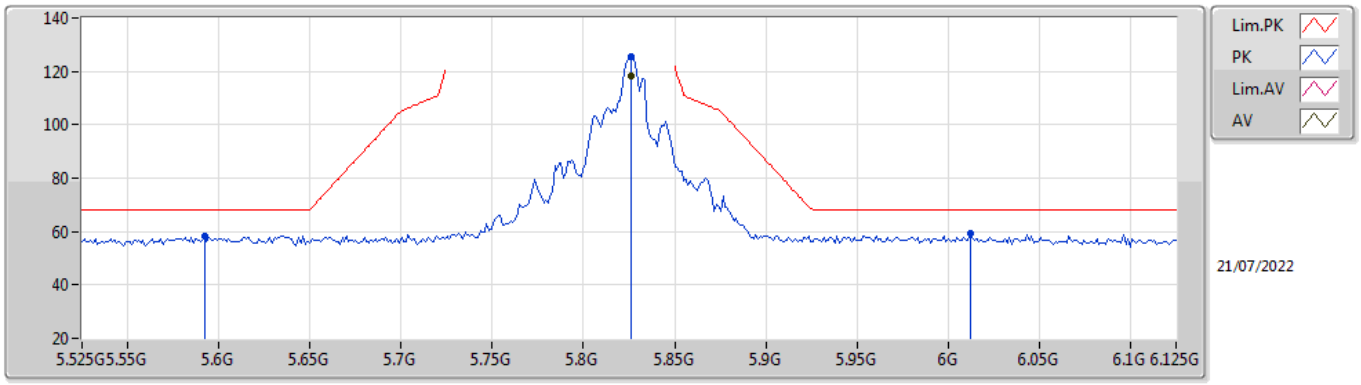
5825MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8226G	116.28	Inf	-Inf	6.23	3	Vertical	33	2.75	-	110.05	33.99	7.01	34.77
PK	5.6042G	57.92	68.20	-10.28	5.22	3	Vertical	33	2.75	-	52.70	33.00	6.99	34.77
PK	5.8214G	123.34	Inf	-Inf	6.22	3	Vertical	33	2.75	-	117.12	33.99	7.00	34.77
PK	6.0266G	58.67	68.20	-9.53	7.04	3	Vertical	33	2.75	-	51.63	34.09	7.72	34.77

802.11a_Nss1,(6Mbps)_4TX

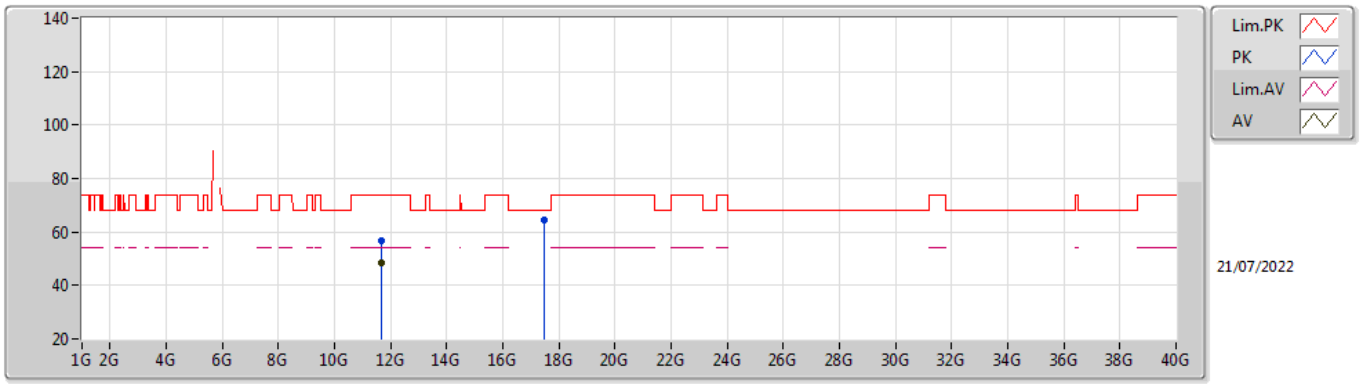
5825MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8262G	118.22	Inf	-Inf	6.26	3	Horizontal	68	2.54	-	111.96	34.00	7.03	34.77
PK	5.5922G	58.18	68.20	-10.02	5.23	3	Horizontal	68	2.54	-	52.95	33.00	7.00	34.77
PK	5.8262G	125.26	Inf	-Inf	6.26	3	Horizontal	68	2.54	-	119.00	34.00	7.03	34.77
PK	6.0122G	59.54	68.20	-8.66	7.14	3	Horizontal	68	2.54	-	52.40	34.15	7.76	34.77

802.11a_Nss1,(6Mbps)_4TX

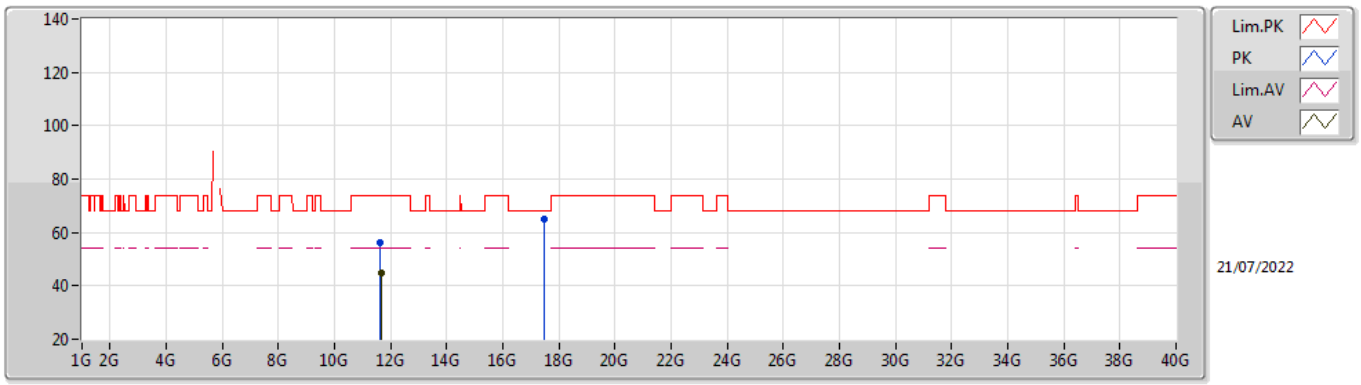
5825MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.64992G	48.69	54.00	-5.31	13.21	3	Vertical	0	1.04	-	35.48	38.45	9.41	34.65
PK	11.65032G	56.89	74.00	-17.11	13.21	3	Vertical	0	1.04	-	43.68	38.45	9.41	34.65
PK	17.47668G	64.46	68.20	-3.74	16.58	3	Vertical	18	1.00	-	47.88	38.17	12.99	34.58

802.11a_Nss1,(6Mbps)_4TX

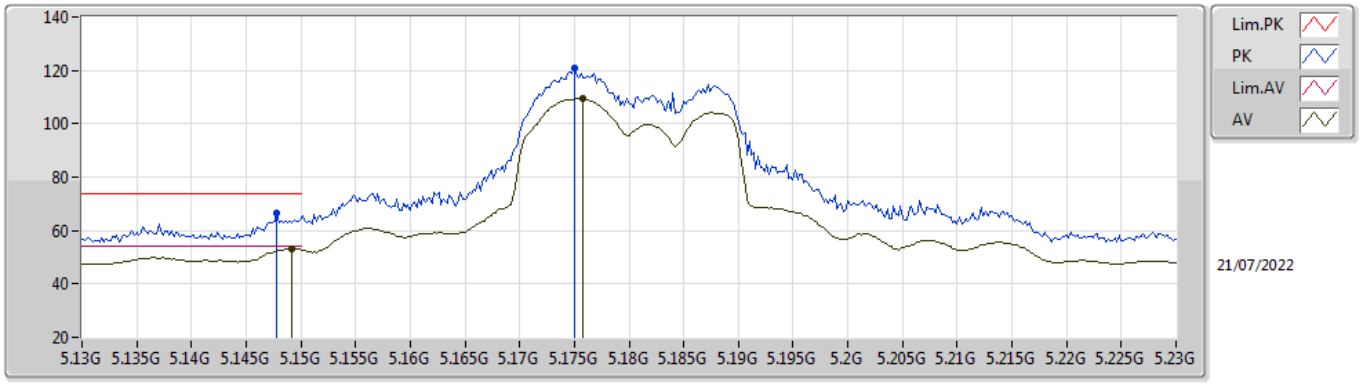
5825MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.65G	45.02	54.00	-8.98	13.21	3	Horizontal	337	1.26	-	31.81	38.45	9.41	34.65
PK	11.64704G	55.95	74.00	-18.05	13.21	3	Horizontal	337	1.26	-	42.74	38.45	9.41	34.65
PK	17.47012G	64.80	68.20	-3.40	16.61	3	Horizontal	30	1.84	-	48.19	38.19	12.99	34.57

802.11ax HEW20_Nss1,(MCS0)_4TX

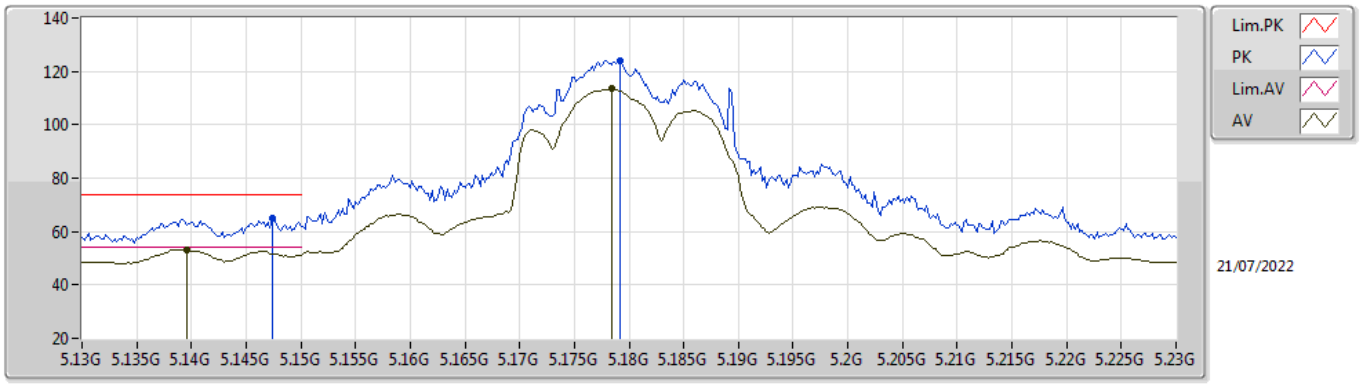
5180MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1492G	53.33	54.00	-0.67	5.21	3	Vertical	27	1.19	-	48.12	33.10	6.87	34.76
AV	5.1758G	109.36	Inf	-Inf	5.27	3	Vertical	27	1.19	-	104.09	33.15	6.88	34.76
PK	5.1478G	66.74	74.00	-7.26	5.21	3	Vertical	27	1.19	-	61.53	33.10	6.87	34.76
PK	5.175G	121.04	Inf	-Inf	5.27	3	Vertical	27	1.19	-	115.77	33.15	6.88	34.76

802.11ax HEW20_Nss1,(MCS0)_4TX

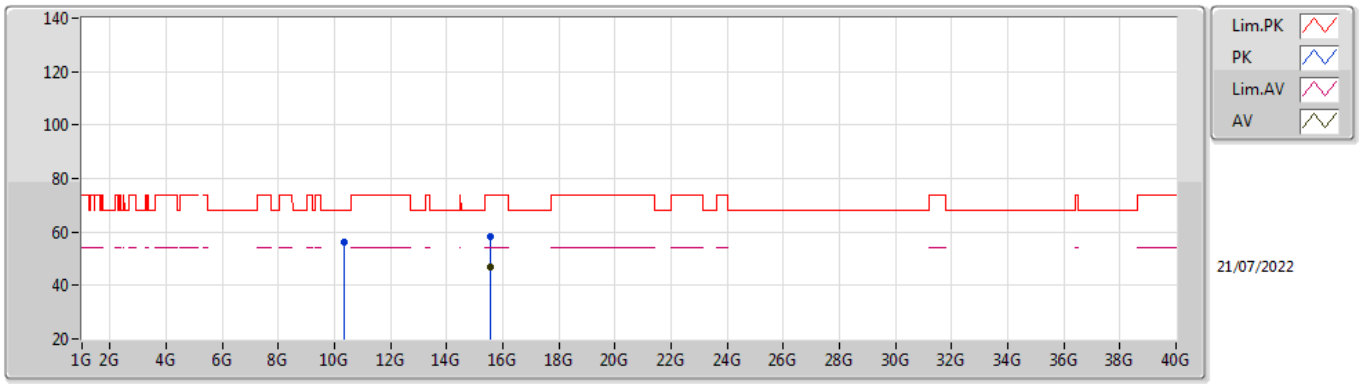
5180MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1396G	53.27	54.00	-0.73	5.19	3	Horizontal	308	2.78	-	48.08	33.08	6.87	34.76
AV	5.1784G	113.45	Inf	-Inf	5.28	3	Horizontal	308	2.78	-	108.17	33.16	6.88	34.76
PK	5.1474G	64.82	74.00	-9.18	5.20	3	Horizontal	308	2.78	-	59.62	33.09	6.87	34.76
PK	5.1792G	124.18	Inf	-Inf	5.28	3	Horizontal	308	2.78	-	118.90	33.16	6.88	34.76

802.11ax HEW20_Nss1,(MCS0)_4TX

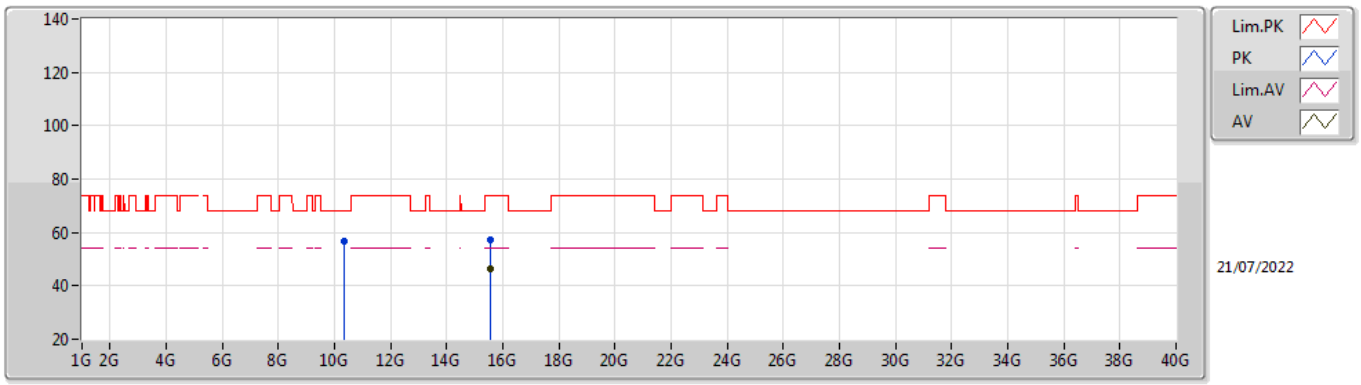
5180MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.54648G	46.64	54.00	-7.36	15.50	3	Vertical	337	1.06	-	31.14	38.32	12.11	34.93
PK	10.36016G	56.33	68.20	-11.87	12.54	3	Vertical	351	1.50	-	43.79	38.58	8.99	35.03
PK	15.54208G	58.04	74.00	-15.96	15.53	3	Vertical	337	1.06	-	42.51	38.35	12.10	34.92

802.11ax HEW20_Nss1,(MCS0)_4TX

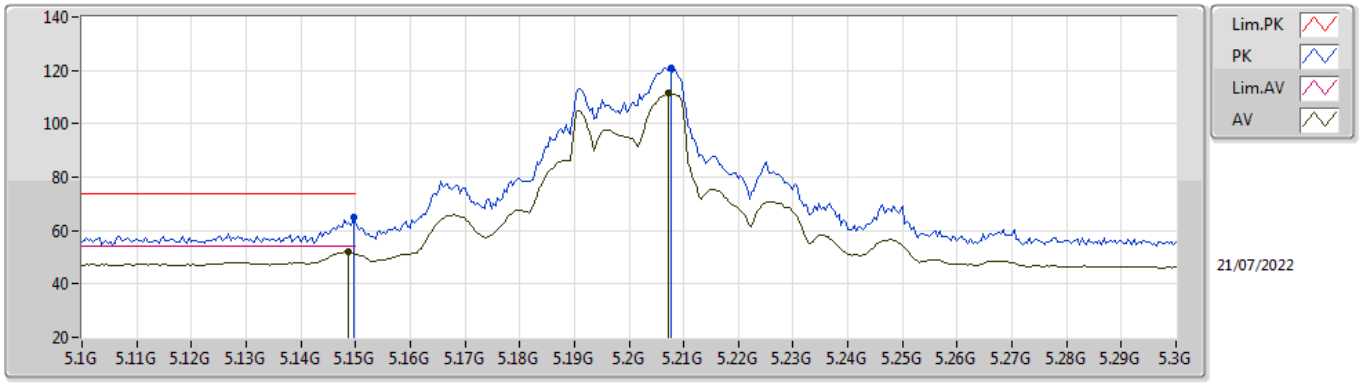
5180MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.55152G	46.25	54.00	-7.75	15.47	3	Horizontal	316	1.50	-	30.78	38.29	12.11	34.93
PK	10.36G	56.74	68.20	-11.46	12.54	3	Horizontal	20	2.15	-	44.20	38.58	8.99	35.03
PK	15.55248G	57.34	74.00	-16.66	15.47	3	Horizontal	316	1.50	-	41.87	38.29	12.11	34.93

802.11ax HEW20_Nss1,(MCS0)_4TX

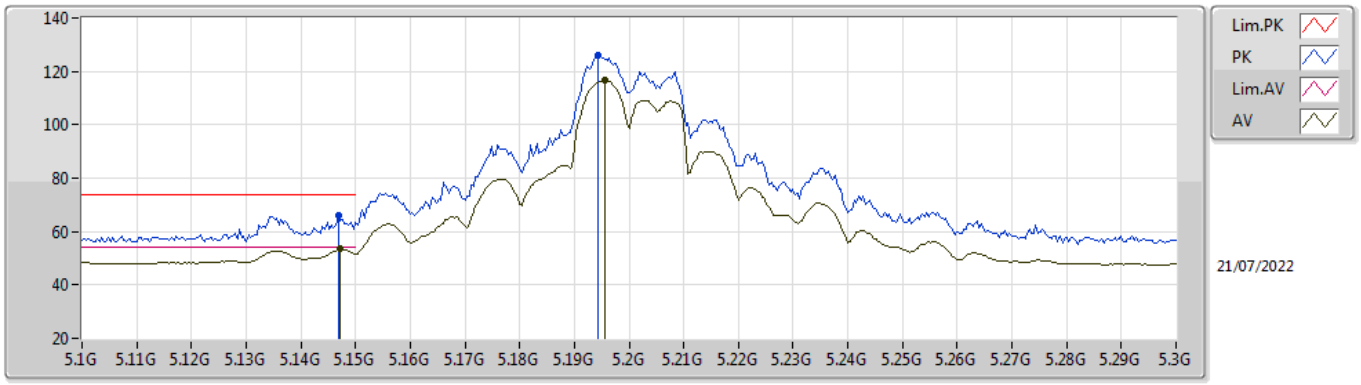
5200MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1488G	52.15	54.00	-1.85	5.21	3	Vertical	52	1.62	-	46.94	33.10	6.87	34.76
AV	5.2072G	111.50	Inf	-Inf	5.33	3	Vertical	52	1.62	-	106.17	33.19	6.90	34.76
PK	5.1496G	65.10	74.00	-8.90	5.21	3	Vertical	52	1.62	-	59.89	33.10	6.87	34.76
PK	5.2076G	120.95	Inf	-Inf	5.32	3	Vertical	52	1.62	-	115.63	33.18	6.90	34.76

802.11ax HEW20_Nss1,(MCS0)_4TX

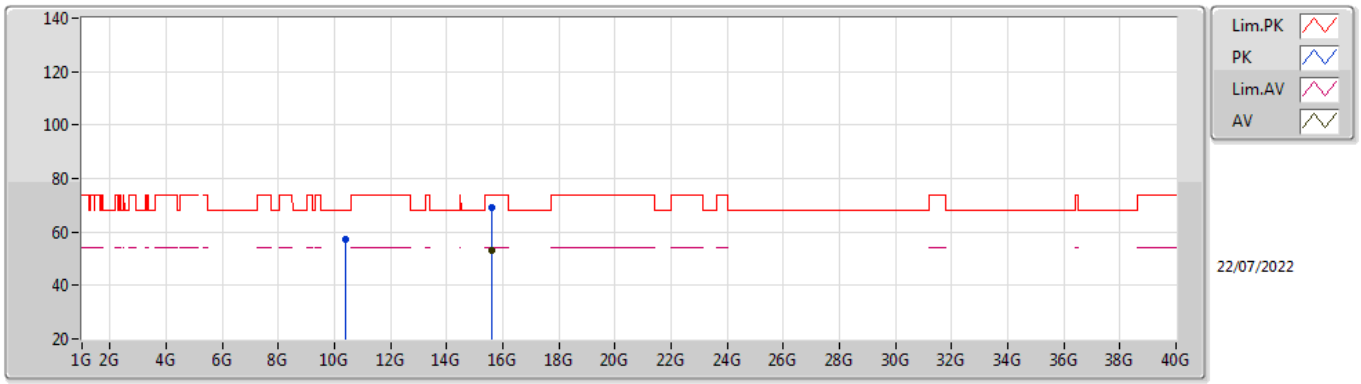
5200MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1472G	53.37	54.00	-0.63	5.20	3	Horizontal	306	1.21	-	48.17	33.09	6.87	34.76
AV	5.1956G	116.67	Inf	-Inf	5.32	3	Horizontal	306	1.21	-	111.35	33.19	6.89	34.76
PK	5.1468G	65.98	74.00	-8.02	5.20	3	Horizontal	306	1.21	-	60.78	33.09	6.87	34.76
PK	5.1944G	126.19	Inf	-Inf	5.32	3	Horizontal	306	1.21	-	120.87	33.19	6.89	34.76

802.11ax HEW20_Nss1,(MCS0)_4TX

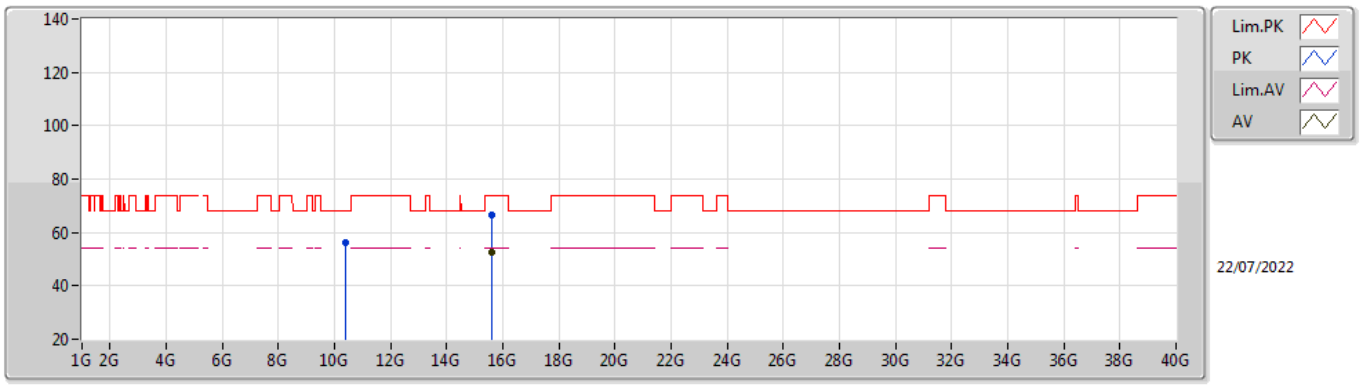
5200MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.59868G	53.21	54.00	-0.79	15.22	3	Vertical	15	1.00	-	37.99	38.01	12.16	34.95
PK	10.4G	57.17	68.20	-11.03	12.68	3	Vertical	17	1.00	-	44.49	38.50	9.00	34.82
PK	15.59936G	69.13	74.00	-4.87	15.21	3	Vertical	15	1.00	-	53.92	38.00	12.16	34.95

802.11ax HEW20_Nss1,(MCS0)_4TX

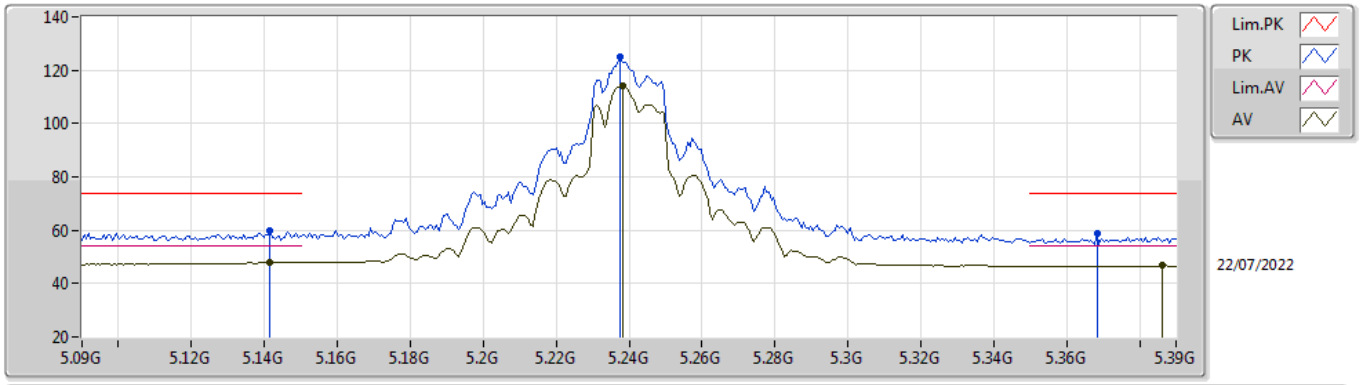
5200MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.60224G	52.63	54.00	-1.37	15.20	3	Horizontal	320	1.94	-	37.43	38.00	12.16	34.96
PK	10.4002G	56.00	68.20	-12.20	12.68	3	Horizontal	22	1.56	-	43.32	38.50	9.00	34.82
PK	15.60352G	66.76	74.00	-7.24	15.21	3	Horizontal	320	1.94	-	51.55	38.00	12.17	34.96

802.11ax HEW20_Nss1,(MCS0)_4TX

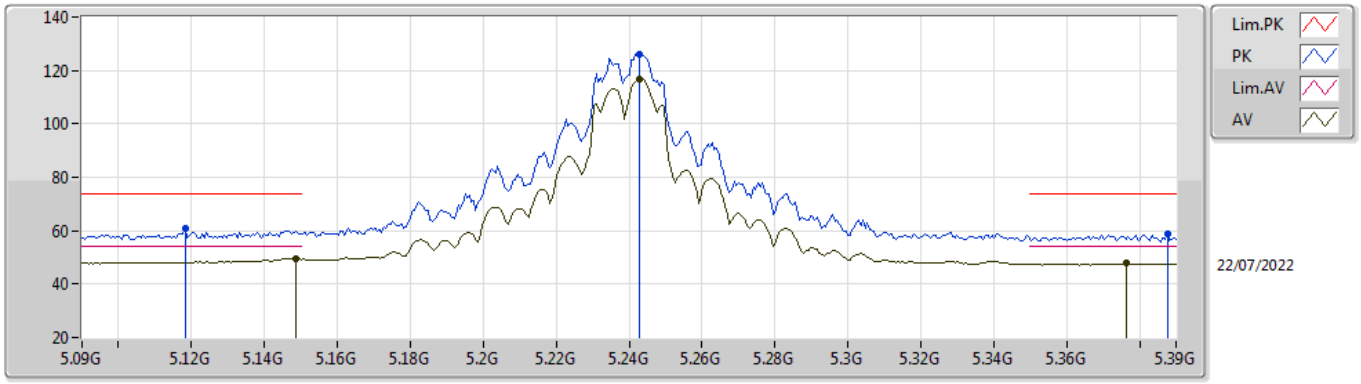
5240MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1416G	47.92	54.00	-6.08	5.33	3	Vertical	324	2.61	-	42.59	33.08	6.87	34.62
AV	5.2382G	114.13	Inf	-Inf	5.45	3	Vertical	324	2.61	-	108.68	33.12	6.93	34.60
AV	5.3864G	46.67	54.00	-7.33	5.44	3	Vertical	324	2.61	-	41.23	32.92	7.10	34.58
PK	5.1416G	59.80	74.00	-14.20	5.33	3	Vertical	324	2.61	-	54.47	33.08	6.87	34.62
PK	5.2376G	125.23	Inf	-Inf	5.45	3	Vertical	324	2.61	-	119.78	33.12	6.93	34.60
PK	5.3684G	58.95	74.00	-15.05	5.31	3	Vertical	324	2.61	-	53.64	32.81	7.08	34.58

802.11ax HEW20_Nss1,(MCS0)_4TX

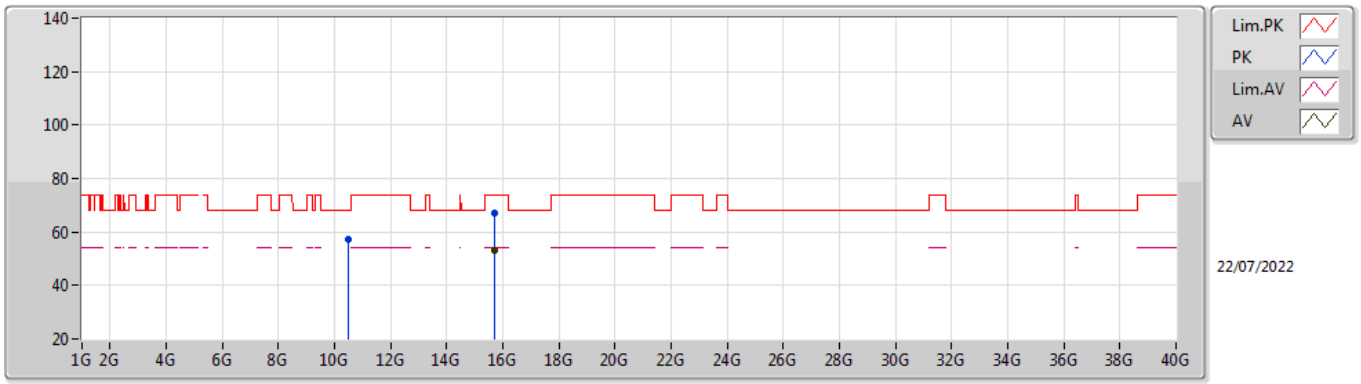
5240MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1488G	49.68	54.00	-4.32	5.35	3	Horizontal	288	1.00	-	44.33	33.10	6.87	34.62
AV	5.243G	116.77	Inf	-Inf	5.45	3	Horizontal	288	1.00	-	111.32	33.11	6.94	34.60
AV	5.3762G	47.74	54.00	-6.26	5.37	3	Horizontal	288	1.00	-	42.37	32.86	7.09	34.58
PK	5.1182G	60.92	74.00	-13.08	5.28	3	Horizontal	288	1.00	-	55.64	33.04	6.86	34.62
PK	5.243G	126.25	Inf	-Inf	5.45	3	Horizontal	288	1.00	-	120.80	33.11	6.94	34.60
PK	5.3876G	58.73	74.00	-15.27	5.46	3	Horizontal	288	1.00	-	53.27	32.93	7.11	34.58

802.11ax HEW20_Nss1,(MCS0)_4TX

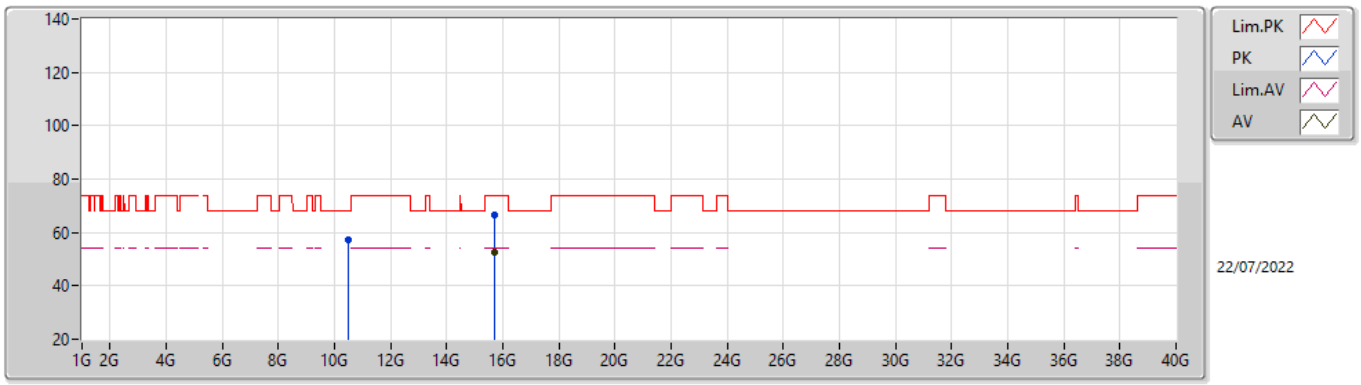
5240MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.72232G	53.12	54.00	-0.88	15.32	3	Vertical	360	1.14	-	37.80	38.08	12.28	35.04
PK	10.48008G	57.31	68.20	-10.89	12.87	3	Vertical	36	2.21	-	44.44	38.58	9.03	34.74
PK	15.72112G	66.98	74.00	-7.02	15.32	3	Vertical	360	1.14	-	51.66	38.08	12.28	35.04

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.72812G	52.38	54.00	-1.62	15.31	3	Horizontal	51	1.89	-	37.07	38.07	12.29	35.05
PK	10.47988G	57.50	68.20	-10.70	12.87	3	Horizontal	64	3.00	-	44.63	38.58	9.03	34.74
PK	15.72764G	66.44	74.00	-7.56	15.31	3	Horizontal	51	1.89	-	51.13	38.07	12.29	35.05