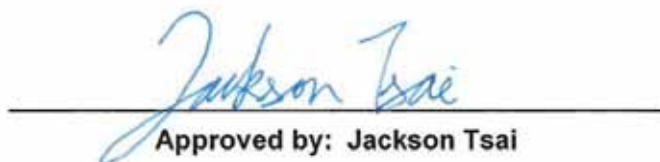


FCC Radio Test Report

FCC ID : G95-CGA437A
Equipment : DOCSIS 3.1 Residential Voice Gateway
Brand Name : Technicolor
Model Name : CGA437ATCH5 ; CGA437AXXXXX (where X can be alphanumeric, -, or blank)
Applicant : Technicolor Connected Home USA LLC
4855 Peachtree Industrial Blvd.
Suite 200 Norcross, Georgia 30092
Manufacturer : Technicolor Connected Home USA LLC
4855 Peachtree Industrial Blvd.
Suite 200 Norcross, Georgia 30092
Standard : 47 CFR FCC Part 15.407

The product was received on Mar. 30, 2022, and testing was started from Apr. 12, 2022 and completed on Jun. 30, 2022. 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 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	10
1.3 Testing Location Information	10
1.4 Measurement Uncertainty	11
2 TEST CONFIGURATION OF EUT.....	12
2.1 Test Channel Mode	12
2.2 The Worst Case Measurement Configuration.....	16
2.3 Accessories	17
2.4 Support Equipment.....	17
2.5 Test Setup Diagram	18
3 TRANSMITTER TEST RESULT	20
3.1 AC Power-line Conducted Emissions	20
3.2 Emission Bandwidth	22
3.3 Maximum Conducted Output Power	23
3.4 Peak Power Spectral Density.....	25
3.5 Unwanted Emissions.....	27
4 TEST EQUIPMENT AND CALIBRATION DATA.....	31
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 PHOTOS	
PHOTOGRAPHS OF EUT V01	

[illegible]



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:

None

Reviewed by: Ben Tseng

Report Producer: Debby Hung



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	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	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]
5150-5350	ax(HEW160)	5250	50 [1]
5470-5725		5570	114 [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
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
5.15-5.25GHz	802.11ax HEW160	160	4TX
5.25-5.35GHz	802.11ax HEW160	160	4TX
5.47-5.725GHz	802.11ax HEW160	160	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
5.15-5.25GHz	802.11ax HEW160-BF	160	4TX
5.25-5.35GHz	802.11ax HEW160-BF	160	4TX
5.47-5.725GHz	802.11ax HEW160-BF	160	4TX

Note:

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	Technicolor	2G1 - PerpTall	Murphy	N/A
2	Technicolor	2G2 - Dumbo2	Murphy	N/A
3	Technicolor	2G3 - PerpFold	Murphy	N/A
4	Technicolor	5G1 - Para2	Murphy	N/A
5	Technicolor	5G2 - Perp2	Murphy	N/A
6	Technicolor	5G3 - Para2	Murphy	N/A
7	Technicolor	5G4 - Perp2	Murphy	N/A

Ant.	Port	Gain (dBi)				
		2.4G	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
1	1	3.61	-	-	-	-
2	2	4.70	-	-	-	-
3	3	2.81	-	-	-	-
4	1	-	2.52	2.34	2.20	2.37
5	2	-	2.87	2.38	2.89	2.43
6	3	-	2.08	2.58	2.44	2.26
7	4	-	2.14	2.75	2.13	2.10

Composite Gain (dBi)				
2.4G	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
4.49	3.77	3.36	5.16	3.85

Note 1: The EUT has seven antennas.

For 2.4GHz function:

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

Ant. 1 (port 1) ~ Ant. 3 (port 3) could transmit/receive simultaneously.

For 5GHz function:

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

Ant. 4 (port 1) ~ Ant. 7 (port 4) could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter		
HW Version	1.0		
FEM	Brand Name: Richwave Model No.: RTC7676D		
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) $\geq 1/T$
802.11a_Nss1,(6Mbps)_4TX	0.947	0.24	2.064m	1k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.983	0.07	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW40_Nss1,(MCS0)_4TX	0.961	0.17	780.313u	3k
802.11ax HEW80_Nss1,(MCS0)_4TX	0.933	0.3	413.125u	3k
802.11ax HEW160_Nss1,(MCS0)_4TX	0.894	0.49	236.25u	10k

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

<Beamforming>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.954	0.2	2.925m	1k
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.968	0.14	4.357m	300
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.965	0.15	4.141m	300
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	0.881	0.55	2.44m	1k

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

1.1.5 Table for Multiple Listing

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

Brand Name	Model Name	Description
Technicolor	CGA437ATCH5	All the models are identical, the difference model served as marketing strategy.
Technicolor	CGA437AXXXXX (where X can be alphanumeric, -, or blank)	

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 662911 D03 v01
- ♦ 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	Ivan chung	20.1~24.3°C / 58~60%	30/Jun/2022
RF Conducted	TH07-HY	Alan Chien	21.5~25.2°C / 50~58%	28/Apr/2022~13/May/2022
☒ 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	22.1~26.2°C / 56~60%	12/Apr/2022~21/Jun/2022



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
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

<Non-Beamforming>

Test Software Version	accessMTool_3_2_1_3
-----------------------	---------------------

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	82
5200MHz	74
5240MHz	73
5260MHz	71
5300MHz	67
5320MHz	71
5500MHz	67
5580MHz	63
5700MHz	65
5720MHz Straddle 5.47-5.725GHz	66
5720MHz Straddle 5.725-5.85GHz	66
5745MHz	69
5785MHz	68
5825MHz	70
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	87
5200MHz	73
5240MHz	70
5260MHz	70
5300MHz	66
5320MHz	71
5500MHz	67
5580MHz	64
5700MHz	65
5720MHz Straddle 5.47-5.725GHz	67
5720MHz Straddle 5.725-5.85GHz	67
5745MHz	73
5785MHz	67



Mode	Power Setting
5825MHz	67
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	75
5230MHz	83
5270MHz	70
5310MHz	72
5510MHz	70
5550MHz	66
5670MHz	68
5710MHz Straddle 5.47-5.725GHz	68
5710MHz Straddle 5.725-5.85GHz	68
5755MHz	75
5795MHz	71
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	75
5290MHz	72
5530MHz	67
5610MHz	70
5690MHz Straddle 5.47-5.725GHz	71
5690MHz Straddle 5.725-5.85GHz	71
5775MHz	81
802.11ax HEW160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	57
5250MHz Straddle 5.25-5.35GHz	57
5570MHz	52

**<Beamforming>**

Test Software Version	Dos v6.1
------------------------------	----------

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	86
5200MHz	75
5240MHz	73
5260MHz	69
5300MHz	68
5320MHz	71
5500MHz	65
5580MHz	63
5700MHz	64
5720MHz Straddle 5.47-5.725GHz	64
5720MHz Straddle 5.725-5.85GHz	64
5745MHz	73
5785MHz	70
5825MHz	64
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	81
5230MHz	82
5270MHz	69
5310MHz	71
5510MHz	71
5550MHz	71
5670MHz	70
5710MHz Straddle 5.47-5.725GHz	71
5710MHz Straddle 5.725-5.85GHz	71
5755MHz	84
5795MHz	80
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	79
5290MHz	72
5530MHz	72
5610MHz	69
5690MHz Straddle 5.47-5.725GHz	69



Mode	Power Setting
5690MHz Straddle 5.725-5.85GHz	69
5775MHz	77
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	56
5250MHz Straddle 5.25-5.35GHz	56
5570MHz	57

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	Adapter 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	Adapter 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
Operating Mode	CTX
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA232914-01 for Co-location RF Exposure Evaluation.	

2.3 Accessories

Accessories				
AC Adapter	Brand Name	SHENZHEN HONOR	Model Name	ADS-36FKJ-12 12036EPCU
	Power Rating	I/P: 100 - 240Vac, 1.0 A, O/P: 12 Vdc, 3.0A		
	Power Cord	1.5 meter, non-shielded cable, w/o ferrite core		

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

2.4 Support Equipment

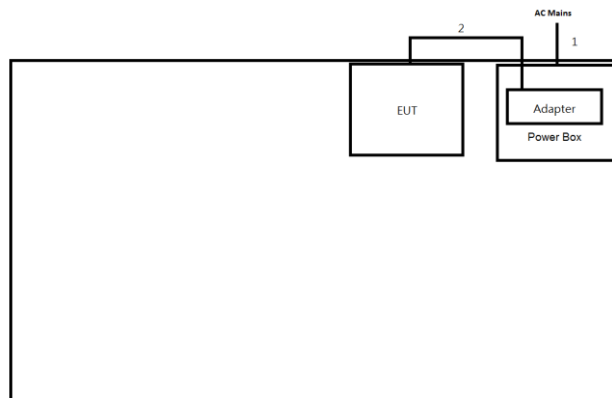
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 cable	-	-	-	-
2	NB	HP	5220M	-	-
3	Client	ACER	AX88U	-	-

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	RJ45 cable	-	-	-	-
2	NB	HP	5220M	-	-
3	Client	ACER	AX88U	-	-

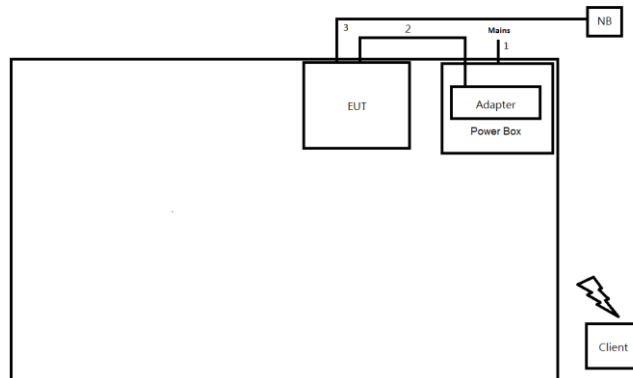
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test <Non-Beamforming>

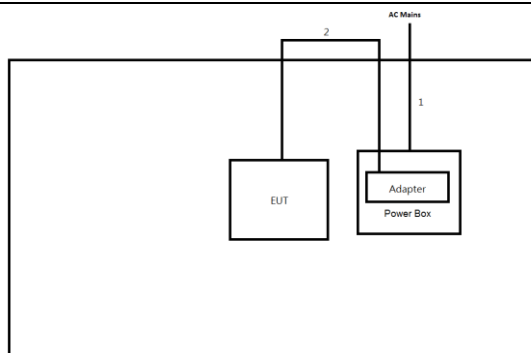


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.5	-

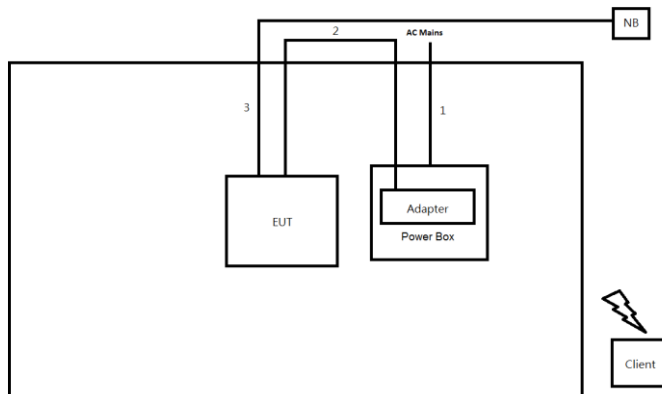
Test Setup Diagram – AC Line Conducted Emission Test <Beamforming>



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.5	-
3	RJ45 cable	No	10.0	-

Test Setup Diagram - Radiated Test<Non-Beamforming>


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.5	-

Test Setup Diagram - Radiated Test <Beamforming>


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.5	-
3	RJ45 cable	No	10.0	-



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

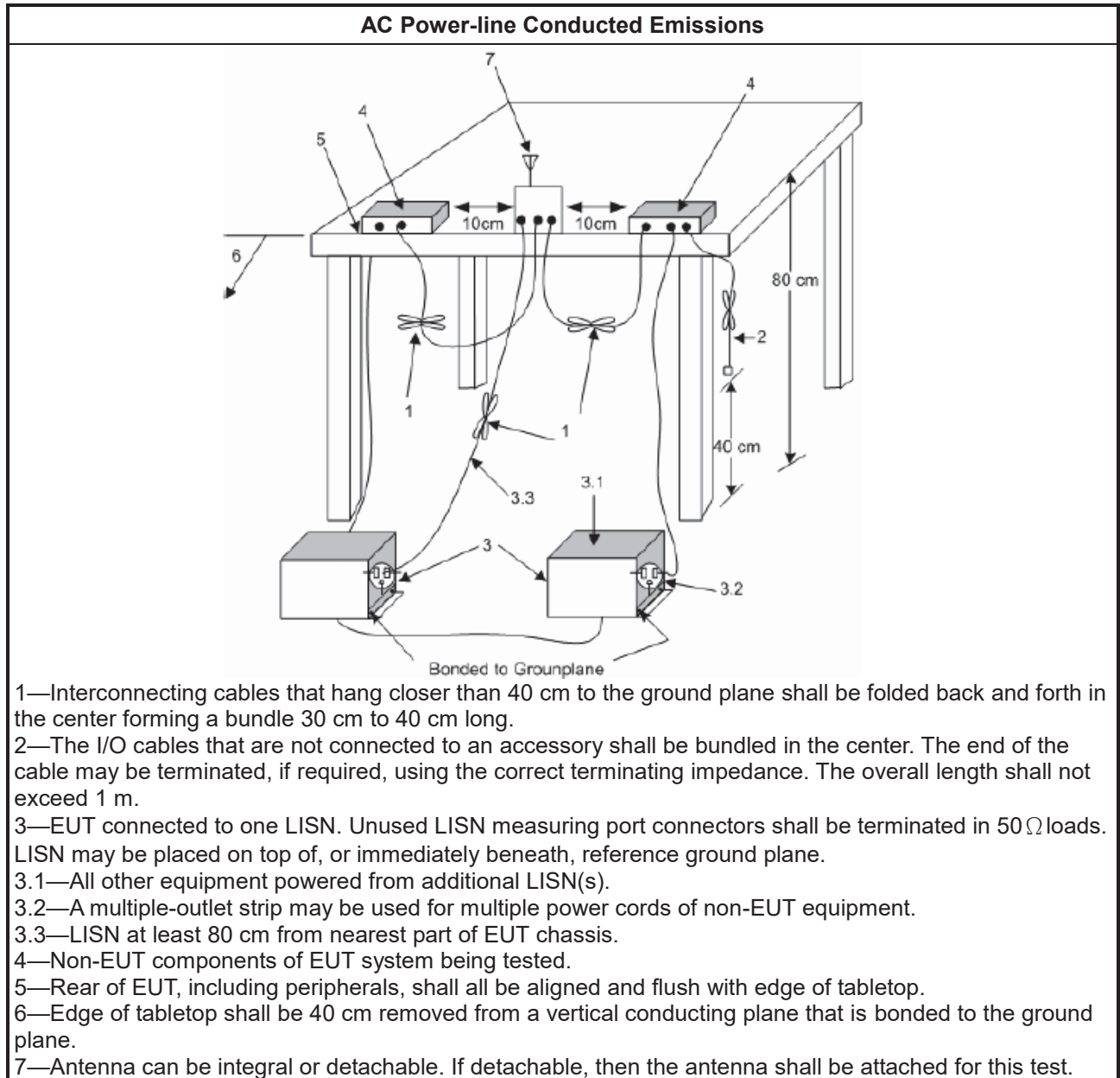
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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



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 $\geq$ 500kHz.

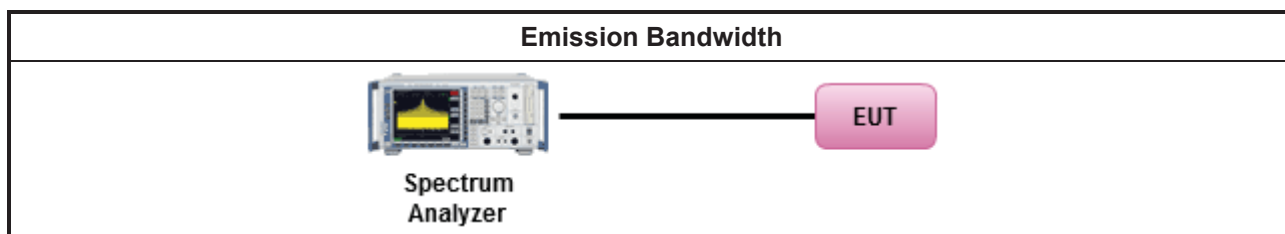
3.2.2 Measuring Instruments

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



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 $11 \text{ dBm} + 10 \log B$, 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 $11 \text{ dBm} + 10 \log B$, 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

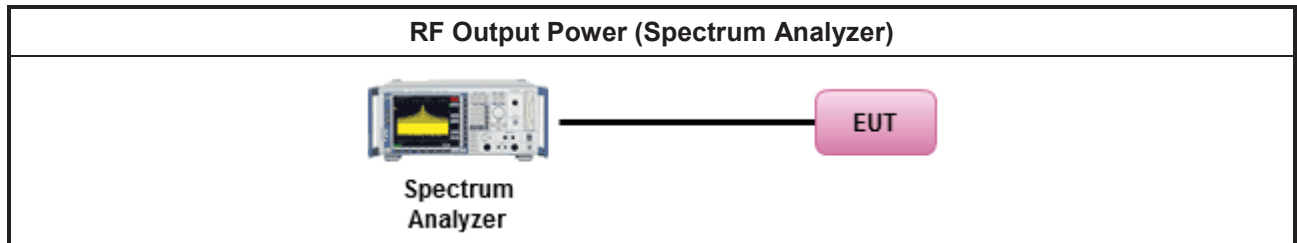
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

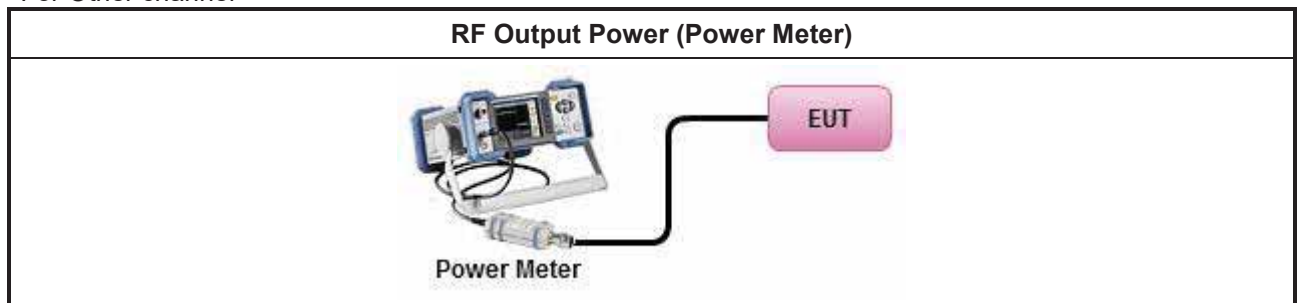
Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods 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: $P_{\text{total}} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$

3.3.4 Test Setup

For Straddle channel



For Other channel



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.	

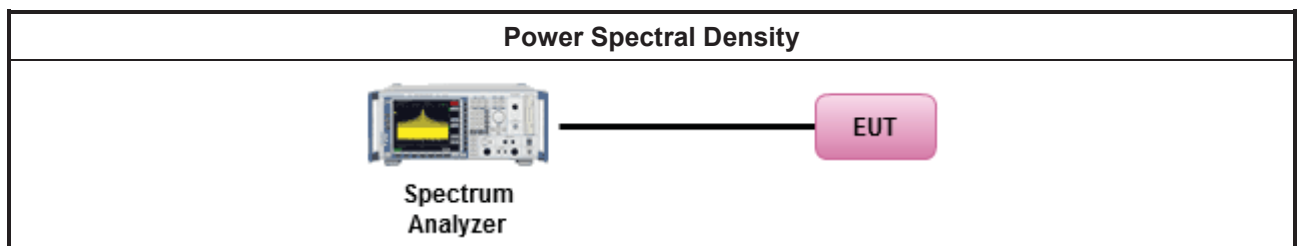
3.4.2 Measuring Instruments

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: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup



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 $\geq$ 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.	

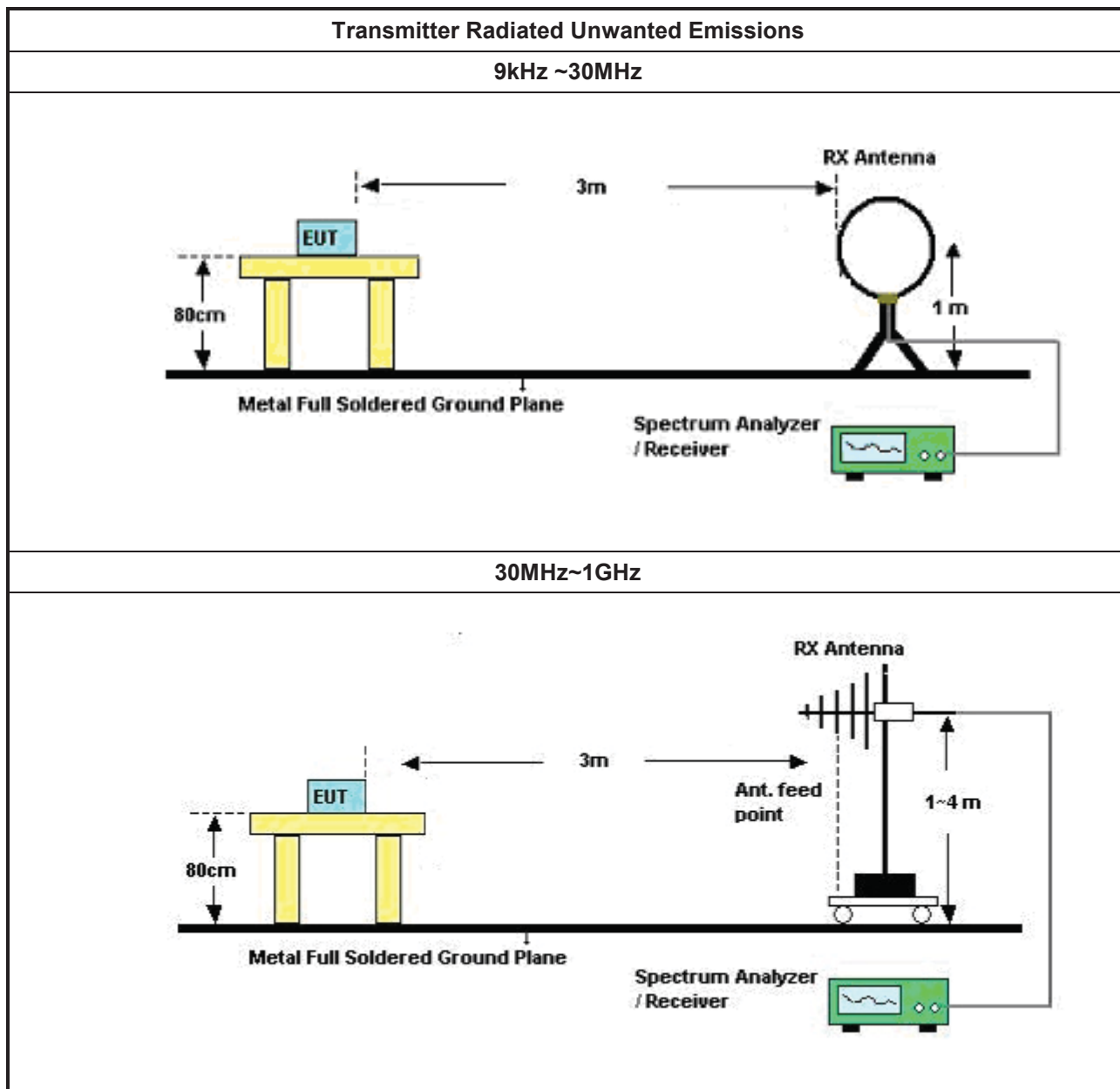
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber 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.

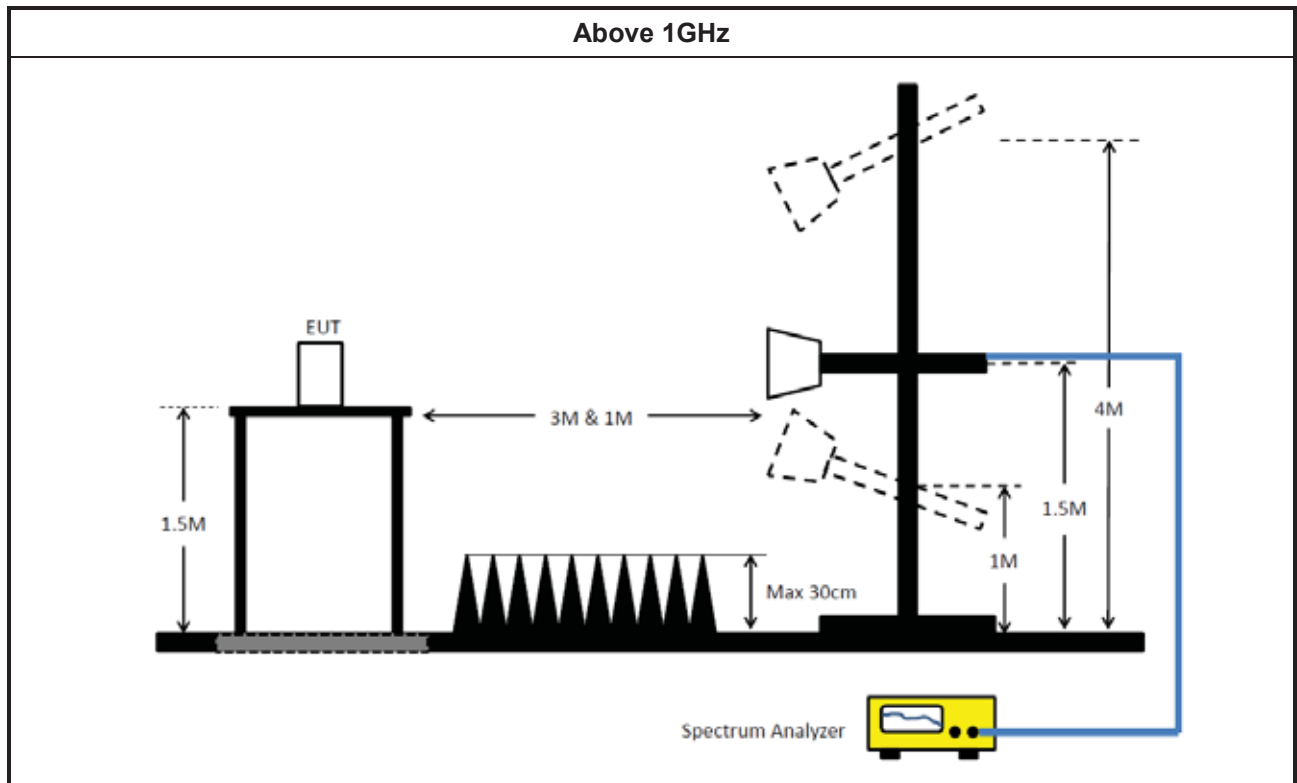
3.5.4 Measurement Results Calculation

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





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	ESR	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	V5.10.14	-	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/2022	13/Feb/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
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-15247_DTS	Sporton	V5.10.7.14	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
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	04/Sep/2021	03/Sep/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	27/Dec/2021	26/Dec/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 Preamplifier	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	13/May/2022	12/May/2023
SENSE-15247_DTS	Sporton	V5.10.7.17	N/A	N/A	N/A	N/A



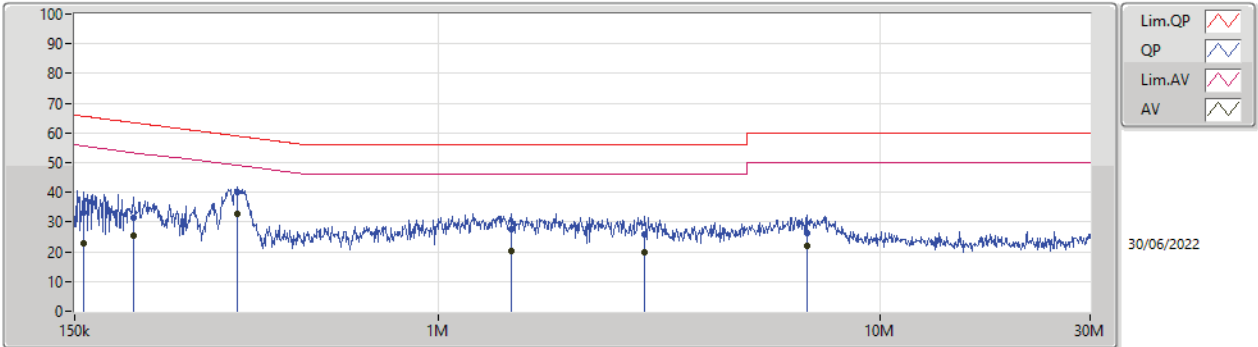
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	348.261k	34.47	49.00	-14.53	Neutral

**Result**

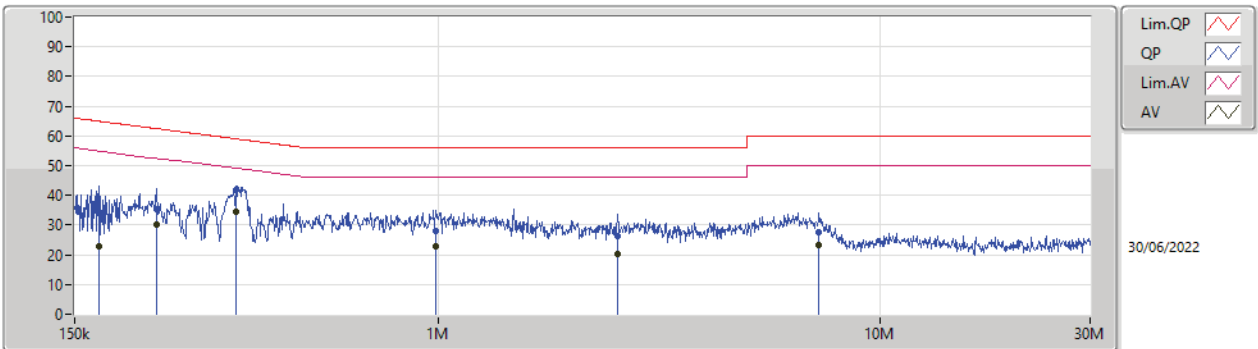
Mode	Result	Type	Freq (Hz)	Level (dBUV)	Limit (dBUV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	156.734k	33.40	65.64	-32.24	Line	-
Mode 1	Pass	AV	156.734k	22.90	55.64	-32.74	Line	-
Mode 1	Pass	QP	203.98k	31.65	63.44	-31.79	Line	-
Mode 1	Pass	AV	203.98k	25.26	53.44	-28.18	Line	-
Mode 1	Pass	QP	349.654k	40.03	58.96	-18.93	Line	-
Mode 1	Pass	AV	349.654k	32.89	48.96	-16.07	Line	-
Mode 1	Pass	QP	1.46M	27.68	56.00	-28.32	Line	-
Mode 1	Pass	AV	1.46M	20.41	46.00	-25.59	Line	-
Mode 1	Pass	QP	2.936M	25.90	56.00	-30.10	Line	-
Mode 1	Pass	AV	2.936M	19.86	46.00	-26.14	Line	-
Mode 1	Pass	QP	6.843M	26.10	60.00	-33.90	Line	-
Mode 1	Pass	AV	6.843M	21.86	50.00	-28.14	Line	-
Mode 1	Pass	QP	169.76k	33.91	64.97	-31.06	Neutral	-
Mode 1	Pass	AV	169.76k	22.75	54.97	-32.22	Neutral	-
Mode 1	Pass	QP	229.932k	35.18	62.44	-27.26	Neutral	-
Mode 1	Pass	AV	229.932k	30.20	52.44	-22.24	Neutral	-
Mode 1	Pass	QP	348.261k	41.84	59.00	-17.16	Neutral	-
Mode 1	Pass	AV	348.261k	34.47	49.00	-14.53	Neutral	-
Mode 1	Pass	QP	987.197k	28.20	56.00	-27.80	Neutral	-
Mode 1	Pass	AV	987.197k	22.80	46.00	-23.20	Neutral	-
Mode 1	Pass	QP	2.543M	26.41	56.00	-29.59	Neutral	-
Mode 1	Pass	AV	2.543M	20.27	46.00	-25.73	Neutral	-
Mode 1	Pass	QP	7.294M	27.45	60.00	-32.55	Neutral	-
Mode 1	Pass	AV	7.294M	23.15	50.00	-26.85	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	156.734k	33.40	65.64	-32.24	19.63	Line	-	13.77	9.69	0.03	9.91			
AV	156.734k	22.90	55.64	-32.74	19.63	Line	-	3.27	9.69	0.03	9.91			
QP	203.98k	31.65	63.44	-31.79	19.63	Line	-	12.02	9.69	0.03	9.91			
AV	203.98k	25.26	53.44	-28.18	19.63	Line	-	5.63	9.69	0.03	9.91			
QP	349.654k	40.03	58.96	-18.93	19.63	Line	-	20.40	9.68	0.04	9.91			
AV	349.654k	32.89	48.96	-16.07	19.63	Line	-	13.26	9.68	0.04	9.91			
QP	1.46M	27.68	56.00	-28.32	19.68	Line	-	8.00	9.69	0.07	9.92			
AV	1.46M	20.41	46.00	-25.59	19.68	Line	-	0.73	9.69	0.07	9.92			
QP	2.936M	25.90	56.00	-30.10	19.74	Line	-	6.16	9.71	0.11	9.92			
AV	2.936M	19.86	46.00	-26.14	19.74	Line	-	0.12	9.71	0.11	9.92			
QP	6.843M	26.10	60.00	-33.90	19.86	Line	-	6.24	9.77	0.16	9.93			
AV	6.843M	21.86	50.00	-28.14	19.86	Line	-	2.00	9.77	0.16	9.93			

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	169.76k	33.91	64.97	-31.06	19.67	Neutral	-	14.24	9.73	0.03	9.91			
AV	169.76k	22.75	54.97	-32.22	19.67	Neutral	-	3.08	9.73	0.03	9.91			
QP	229.932k	35.18	62.44	-27.26	19.66	Neutral	-	15.52	9.72	0.03	9.91			
AV	229.932k	30.20	52.44	-22.24	19.66	Neutral	-	10.54	9.72	0.03	9.91			
QP	348.261k	41.84	59.00	-17.16	19.67	Neutral	-	22.17	9.72	0.04	9.91			
AV	348.261k	34.47	49.00	-14.53	19.67	Neutral	-	14.80	9.72	0.04	9.91			
QP	987.197k	28.20	56.00	-27.80	19.70	Neutral	-	8.50	9.73	0.05	9.92			
AV	987.197k	22.80	46.00	-23.20	19.70	Neutral	-	3.10	9.73	0.05	9.92			
QP	2.543M	26.41	56.00	-29.59	19.77	Neutral	-	6.64	9.75	0.10	9.92			
AV	2.543M	20.27	46.00	-25.73	19.77	Neutral	-	0.50	9.75	0.10	9.92			
QP	7.294M	27.45	60.00	-32.55	19.94	Neutral	-	7.51	9.85	0.16	9.93			
AV	7.294M	23.15	50.00	-26.85	19.94	Neutral	-	3.21	9.85	0.16	9.93			



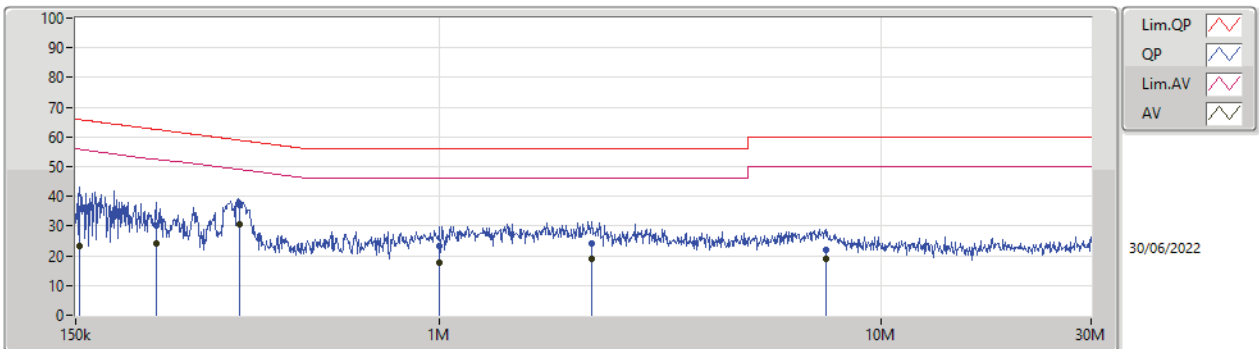
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	356.703k	31.51	48.81	-17.30	Neutral

**Result**

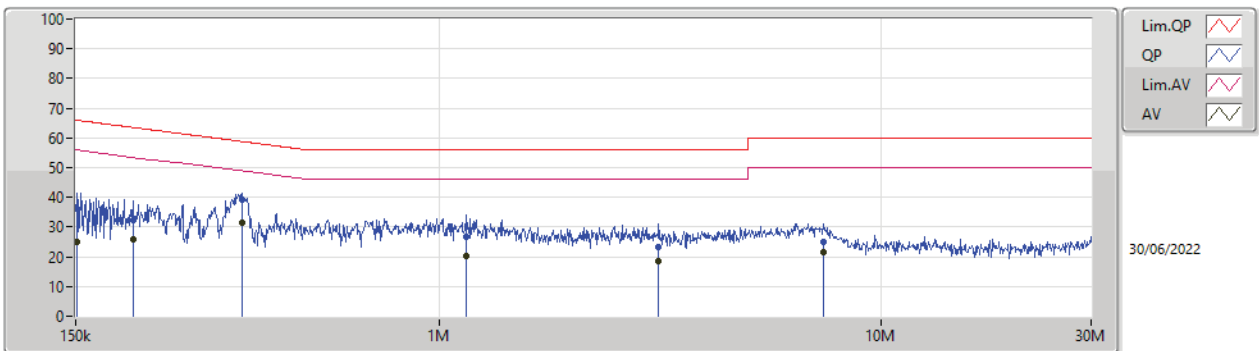
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	153.024k	35.91	65.83	-29.92	Line	-
Mode 1	Pass	AV	153.024k	23.20	55.83	-32.63	Line	-
Mode 1	Pass	QP	228.103k	30.00	62.52	-32.52	Line	-
Mode 1	Pass	AV	228.103k	23.96	52.52	-28.56	Line	-
Mode 1	Pass	QP	352.457k	37.02	58.91	-21.89	Line	-
Mode 1	Pass	AV	352.457k	30.69	48.91	-18.22	Line	-
Mode 1	Pass	QP	1.003M	23.14	56.00	-32.86	Line	-
Mode 1	Pass	AV	1.003M	17.64	46.00	-28.36	Line	-
Mode 1	Pass	QP	2.211M	24.05	56.00	-31.95	Line	-
Mode 1	Pass	AV	2.211M	19.11	46.00	-26.89	Line	-
Mode 1	Pass	QP	7.531M	22.13	60.00	-37.87	Line	-
Mode 1	Pass	AV	7.531M	19.03	50.00	-30.97	Line	-
Mode 1	Pass	QP	151.202k	36.34	65.92	-29.58	Neutral	-
Mode 1	Pass	AV	151.202k	25.08	55.92	-30.84	Neutral	-
Mode 1	Pass	QP	202.358k	32.37	63.51	-31.14	Neutral	-
Mode 1	Pass	AV	202.358k	25.80	53.51	-27.71	Neutral	-
Mode 1	Pass	QP	356.703k	39.18	58.81	-19.63	Neutral	-
Mode 1	Pass	AV	356.703k	31.51	48.81	-17.30	Neutral	-
Mode 1	Pass	QP	1.154M	26.82	56.00	-29.18	Neutral	-
Mode 1	Pass	AV	1.154M	20.11	46.00	-25.89	Neutral	-
Mode 1	Pass	QP	3.142M	23.14	56.00	-32.86	Neutral	-
Mode 1	Pass	AV	3.142M	18.42	46.00	-27.58	Neutral	-
Mode 1	Pass	QP	7.442M	25.14	60.00	-34.86	Neutral	-
Mode 1	Pass	AV	7.442M	21.49	50.00	-28.51	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	153.024k	35.91	65.83	-29.92	19.63	Line	-	16.28	9.69	0.03	9.91			
AV	153.024k	35.20	55.83	-20.63	19.63	Line	-	3.57	9.69	0.03	9.91			
QP	228.103k	30.00	62.52	-32.52	19.63	Line	-	10.37	9.69	0.03	9.91			
AV	228.103k	23.96	52.52	-28.56	19.63	Line	-	4.33	9.69	0.03	9.91			
QP	352.457k	37.02	58.91	-21.89	19.63	Line	-	17.39	9.68	0.04	9.91			
AV	352.457k	30.69	48.91	-18.22	19.63	Line	-	11.06	9.68	0.04	9.91			
QP	1.003M	23.14	56.00	-32.86	19.65	Line	-	3.49	9.68	0.05	9.92			
AV	1.003M	17.64	46.00	-28.36	19.65	Line	-	-2.01	9.68	0.05	9.92			
QP	2.211M	24.05	56.00	-31.95	19.71	Line	-	4.34	9.70	0.09	9.92			
AV	2.211M	19.11	46.00	-26.89	19.71	Line	-	-0.60	9.70	0.09	9.92			
QP	7.531M	22.13	60.00	-37.87	19.87	Line	-	2.26	9.78	0.16	9.93			
AV	7.531M	19.03	50.00	-30.97	19.87	Line	-	-0.84	9.78	0.16	9.93			

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	151.202k	36.34	65.92	-29.58	19.67	Neutral	-	16.67	9.73	0.03	9.91			
AV	151.202k	25.08	55.92	-30.84	19.67	Neutral	-	5.41	9.73	0.03	9.91			
QP	202.358k	32.37	63.51	-31.14	19.66	Neutral	-	12.71	9.72	0.03	9.91			
AV	202.358k	25.80	53.51	-27.71	19.66	Neutral	-	6.14	9.72	0.03	9.91			
QP	356.703k	39.18	58.81	-19.63	19.67	Neutral	-	19.51	9.72	0.04	9.91			
AV	356.703k	31.51	48.81	-17.30	19.67	Neutral	-	11.84	9.72	0.04	9.91			
QP	1.154M	26.82	56.00	-29.18	19.71	Neutral	-	7.11	9.73	0.06	9.92			
AV	1.154M	20.11	46.00	-25.89	19.71	Neutral	-	0.40	9.73	0.06	9.92			
QP	3.142M	23.14	56.00	-32.86	19.78	Neutral	-	3.36	9.75	0.11	9.92			
AV	3.142M	18.42	46.00	-27.58	19.78	Neutral	-	-1.36	9.75	0.11	9.92			
QP	7.442M	25.14	60.00	-34.86	19.94	Neutral	-	5.20	9.85	0.16	9.93			
AV	7.442M	21.49	50.00	-28.51	19.94	Neutral	-	1.55	9.85	0.16	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	23.52M	17.331M	17M4D1D	21.42M	16.942M
802.11ax HEW20_Nss1,(MCS0)_4TX	25.62M	19.25M	19M3D1D	21.42M	19.07M
802.11ax HEW40_Nss1,(MCS0)_4TX	43.14M	38.201M	38M3D1D	40.38M	37.961M
802.11ax HEW80_Nss1,(MCS0)_4TX	90.6M	78.081M	78M1D1D	84M	77.841M
802.11ax HEW160_Nss1,(MCS0)_4TX	82.48M	78.361M	78M4D1D	82.32M	78.361M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	25.26M	17.391M	17M4D1D	21.39M	16.912M
802.11ax HEW20_Nss1,(MCS0)_4TX	26.22M	19.25M	19M3D1D	21.48M	19.1M
802.11ax HEW40_Nss1,(MCS0)_4TX	48M	38.261M	38M3D1D	40.38M	37.901M
802.11ax HEW80_Nss1,(MCS0)_4TX	89.76M	77.961M	78M0D1D	83.88M	77.721M
802.11ax HEW160_Nss1,(MCS0)_4TX	82.96M	78.441M	78M5D1D	82.32M	78.361M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	25.2M	17.451M	17M5D1D	15.63M	13.523M
802.11ax HEW20_Nss1,(MCS0)_4TX	27.78M	19.31M	19M4D1D	15.78M	14.573M
802.11ax HEW40_Nss1,(MCS0)_4TX	46.08M	38.261M	38M3D1D	35.175M	33.828M
802.11ax HEW80_Nss1,(MCS0)_4TX	94.32M	78.081M	78M1D1D	75.9M	73.388M
802.11ax HEW160_Nss1,(MCS0)_4TX	165.36M	156.882M	157MD1D	164.4M	156.402M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.53M	17.391M	17M4D1D	3.14M	4.158M
802.11ax HEW20_Nss1,(MCS0)_4TX	19.02M	19.31M	19M4D1D	4.44M	4.658M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.98M	38.141M	38M2D1D	3.86M	4.118M
802.11ax HEW80_Nss1,(MCS0)_4TX	77.28M	78.081M	78M1D1D	3.68M	4.158M

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	23.52M	17.331M	22.92M	17.301M	22.56M	17.301M	22.38M	17.151M
5200MHz	Pass	Inf	21.69M	17.091M	21.63M	17.091M	21.51M	17.031M	21.51M	16.942M
5240MHz	Pass	Inf	21.69M	17.061M	21.57M	17.121M	21.51M	17.031M	21.42M	16.942M
5260MHz	Pass	Inf	21.57M	17.091M	21.72M	17.121M	21.45M	17.001M	21.48M	16.912M
5300MHz	Pass	Inf	21.6M	17.121M	21.54M	17.091M	21.39M	17.001M	21.57M	16.942M
5320MHz	Pass	Inf	25.26M	17.391M	24.3M	17.391M	22.92M	17.271M	23.1M	17.241M
5500MHz	Pass	Inf	23.61M	17.451M	24.99M	17.361M	24.72M	17.331M	25.2M	17.331M
5580MHz	Pass	Inf	21.69M	17.091M	21.57M	17.061M	21.48M	16.942M	21.39M	16.972M
5700MHz	Pass	Inf	21.57M	17.091M	21.69M	17.091M	21.54M	16.972M	21.48M	16.942M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.75M	13.628M	15.675M	13.628M	15.63M	13.523M	15.735M	13.553M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	4.158M	3.14M	4.158M	3.14M	4.158M	3.14M	4.158M
5745MHz	Pass	500k	16.53M	17.391M	16.35M	17.361M	16.35M	17.241M	16.53M	17.271M
5785MHz	Pass	500k	16.35M	17.091M	16.35M	17.091M	16.38M	16.972M	16.35M	17.001M
5825MHz	Pass	500k	16.35M	17.121M	16.35M	17.091M	16.35M	16.972M	16.35M	16.972M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	25.62M	19.22M	23.22M	19.25M	22.08M	19.22M	24.48M	19.25M
5200MHz	Pass	Inf	21.84M	19.1M	21.42M	19.13M	21.48M	19.13M	21.69M	19.13M
5240MHz	Pass	Inf	21.9M	19.13M	21.57M	19.07M	21.63M	19.16M	21.69M	19.1M
5260MHz	Pass	Inf	21.81M	19.16M	21.6M	19.13M	21.48M	19.1M	21.69M	19.13M
5300MHz	Pass	Inf	21.69M	19.1M	21.66M	19.13M	21.81M	19.13M	21.84M	19.1M
5320MHz	Pass	Inf	26.22M	19.25M	25.71M	19.22M	26.16M	19.22M	22.29M	19.25M
5500MHz	Pass	Inf	27.78M	19.25M	24.03M	19.31M	26.88M	19.31M	23.52M	19.22M
5580MHz	Pass	Inf	21.87M	19.13M	21.72M	19.1M	21.84M	19.13M	21.66M	19.07M
5700MHz	Pass	Inf	21.9M	19.16M	21.69M	19.1M	21.84M	19.1M	21.66M	19.13M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.81M	14.588M	15.78M	14.588M	15.78M	14.573M	15.78M	14.573M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	4.698M	4.48M	4.658M	4.5M	4.658M	4.46M	4.678M
5745MHz	Pass	500k	18.87M	19.28M	18.9M	19.31M	18.93M	19.25M	18.78M	19.28M
5785MHz	Pass	500k	18.93M	19.13M	18.9M	19.07M	18.93M	19.1M	18.96M	19.1M
5825MHz	Pass	500k	19.02M	19.13M	18.93M	19.16M	18.96M	19.13M	18.96M	19.13M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	43.14M	38.141M	42.3M	38.141M	42.84M	38.201M	42.24M	38.141M
5230MHz	Pass	Inf	40.68M	37.961M	40.38M	38.081M	40.62M	37.961M	40.38M	37.961M
5270MHz	Pass	Inf	40.62M	37.961M	40.5M	37.961M	40.38M	37.901M	40.44M	37.961M
5310MHz	Pass	Inf	48M	38.201M	43.14M	38.261M	43.2M	38.201M	41.88M	38.141M
5510MHz	Pass	Inf	46.08M	38.141M	42.18M	38.141M	43.68M	38.141M	44.76M	38.261M
5550MHz	Pass	Inf	40.62M	37.901M	40.56M	37.961M	40.44M	37.961M	40.56M	37.961M
5670MHz	Pass	Inf	40.5M	37.961M	40.68M	37.961M	40.44M	37.901M	40.56M	37.961M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.385M	33.828M	35.175M	33.933M	35.28M	33.828M	35.175M	33.863M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	4.118M	3.86M	4.118M	3.9M	4.118M	3.88M	4.118M
5755MHz	Pass	500k	37.56M	38.081M	37.56M	38.141M	37.74M	38.141M	37.62M	38.141M
5795MHz	Pass	500k	37.68M	37.901M	37.68M	37.961M	37.68M	37.961M	37.98M	37.901M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	90.48M	77.961M	90.6M	77.841M	84M	77.841M	84.48M	78.081M
5290MHz	Pass	Inf	89.76M	77.841M	83.88M	77.841M	85.56M	77.961M	87.96M	77.721M
5530MHz	Pass	Inf	87.72M	77.961M	94.32M	77.961M	85.8M	77.961M	87.96M	78.081M
5610MHz	Pass	Inf	82.08M	77.841M	81.96M	77.721M	82.08M	77.601M	81.72M	77.721M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.975M	73.388M	75.9M	73.463M	76.125M	73.463M	75.975M	73.463M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	4.178M	3.96M	4.158M	3.68M	4.178M	3.98M	4.158M
5775MHz	Pass	500k	77.28M	77.961M	76.44M	77.961M	76.44M	78.081M	76.56M	78.081M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.48M	78.361M	82.48M	78.361M	82.48M	78.361M	82.32M	78.361M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.64M	78.361M	82.96M	78.361M	82.72M	78.441M	82.32M	78.361M
5570MHz	Pass	Inf	164.88M	156.642M	165.36M	156.882M	165.36M	156.882M	164.4M	156.402M



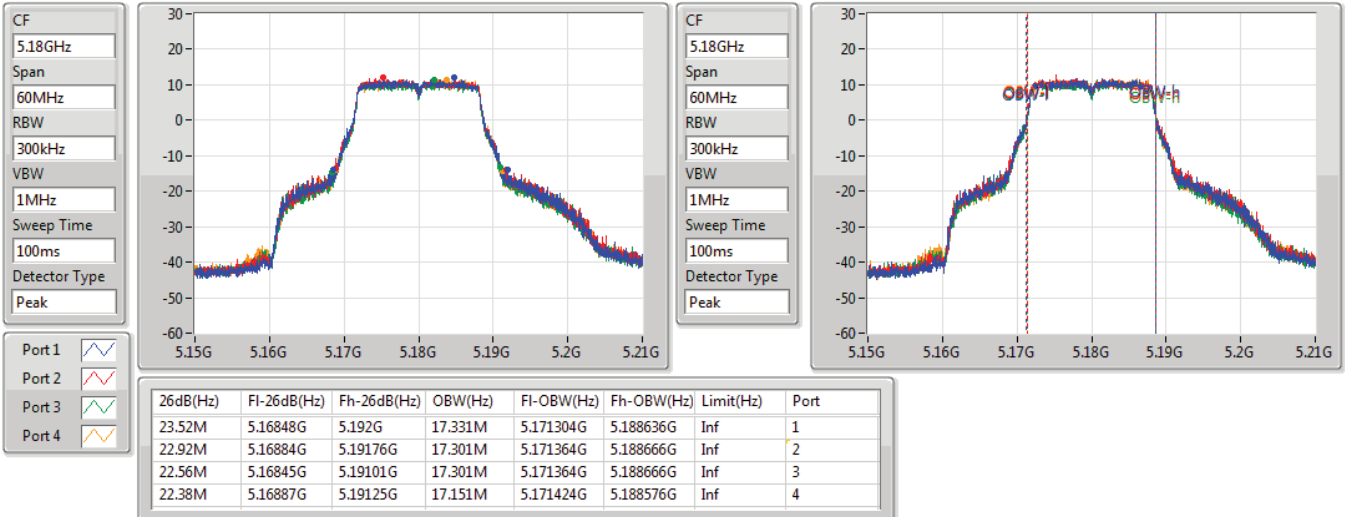
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

29/04/2022

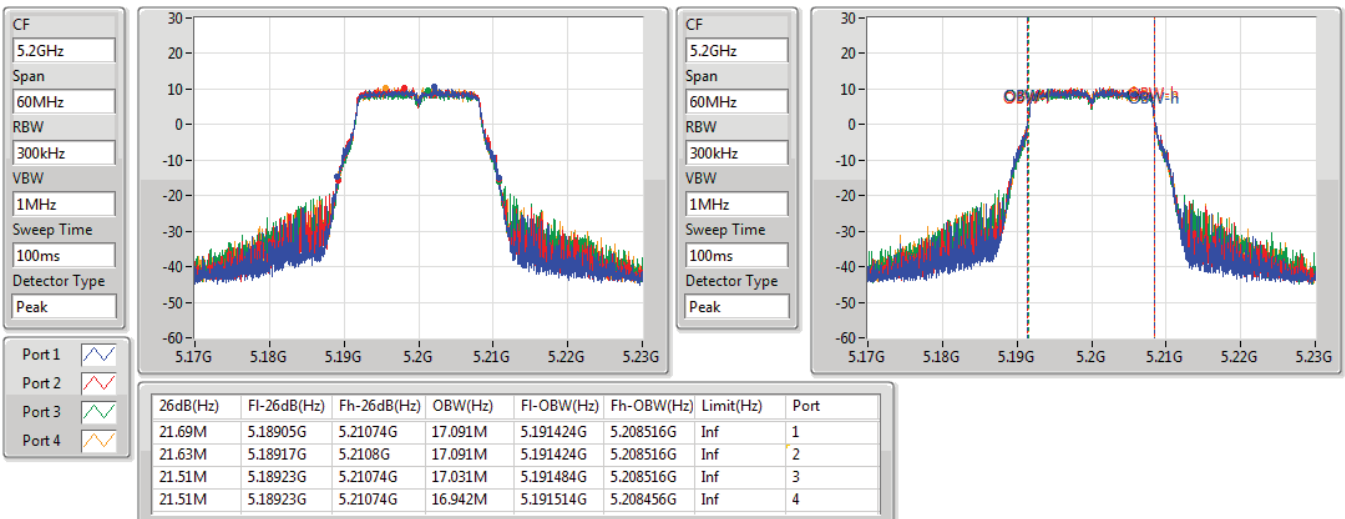


802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

29/04/2022

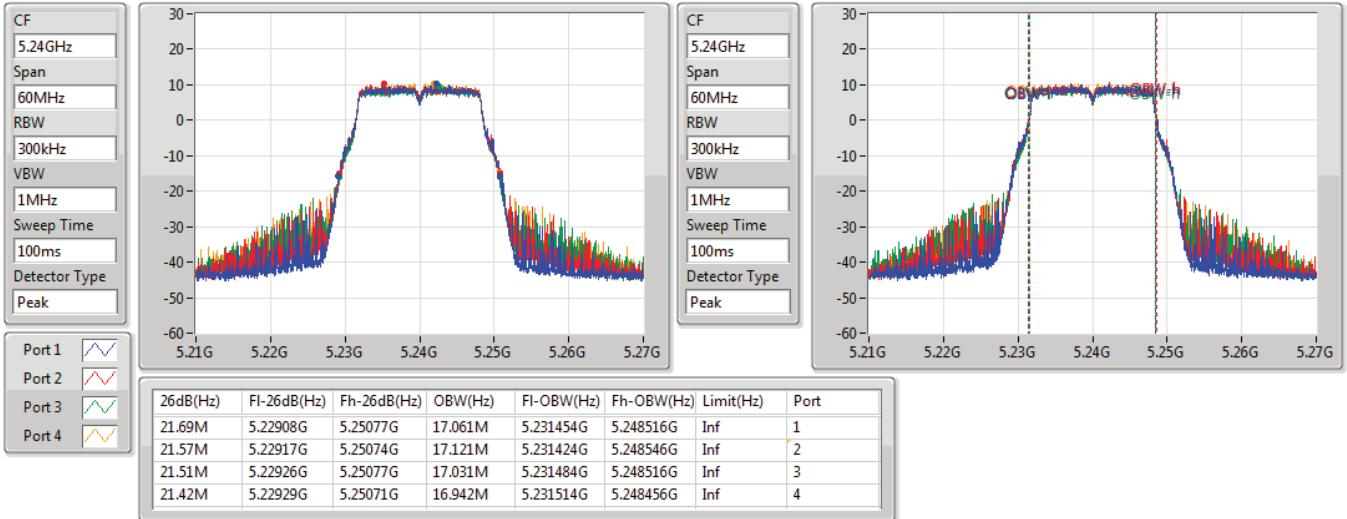


802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

29/04/2022

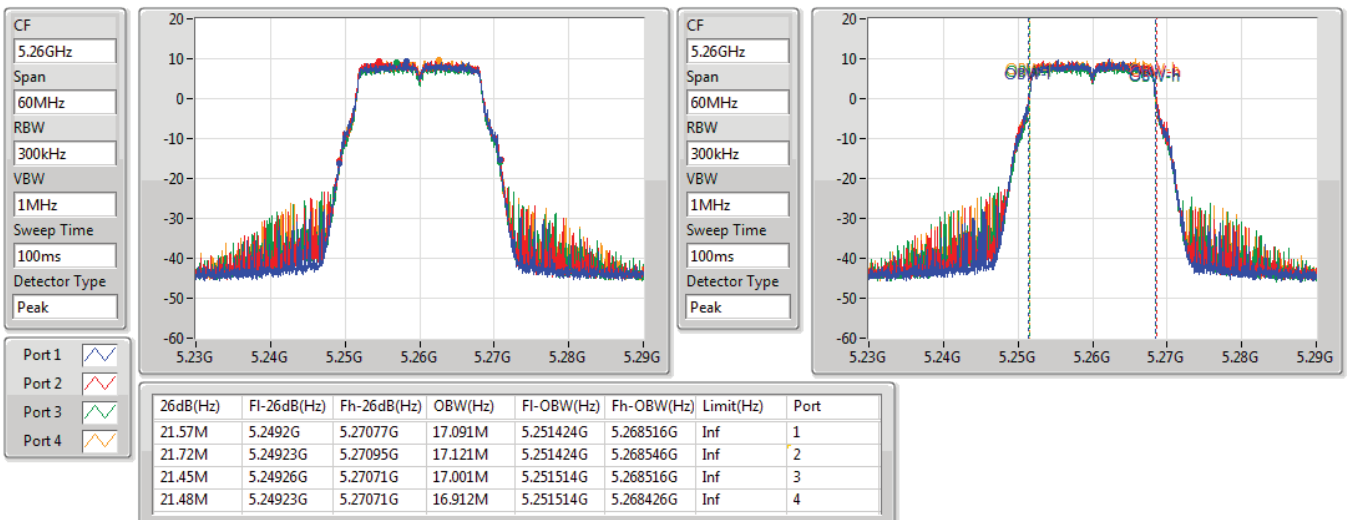


802.11a_Nss1,(6Mbps)_4TX

EBW

5260MHz

29/04/2022

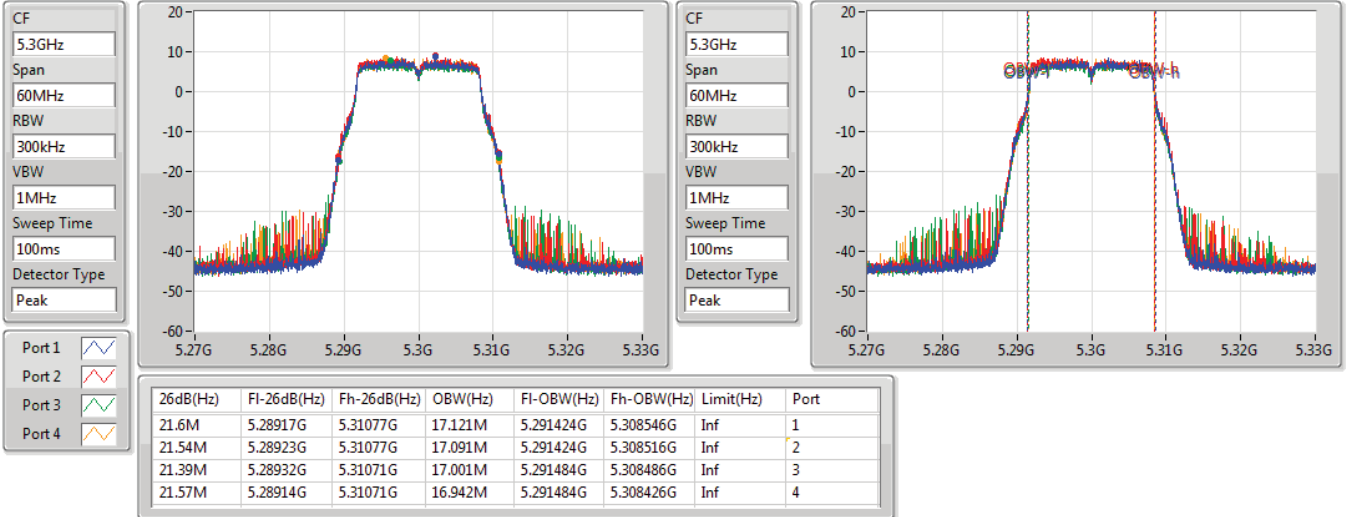


802.11a_Nss1,(6Mbps)_4TX

EBW

5300MHz

29/04/2022

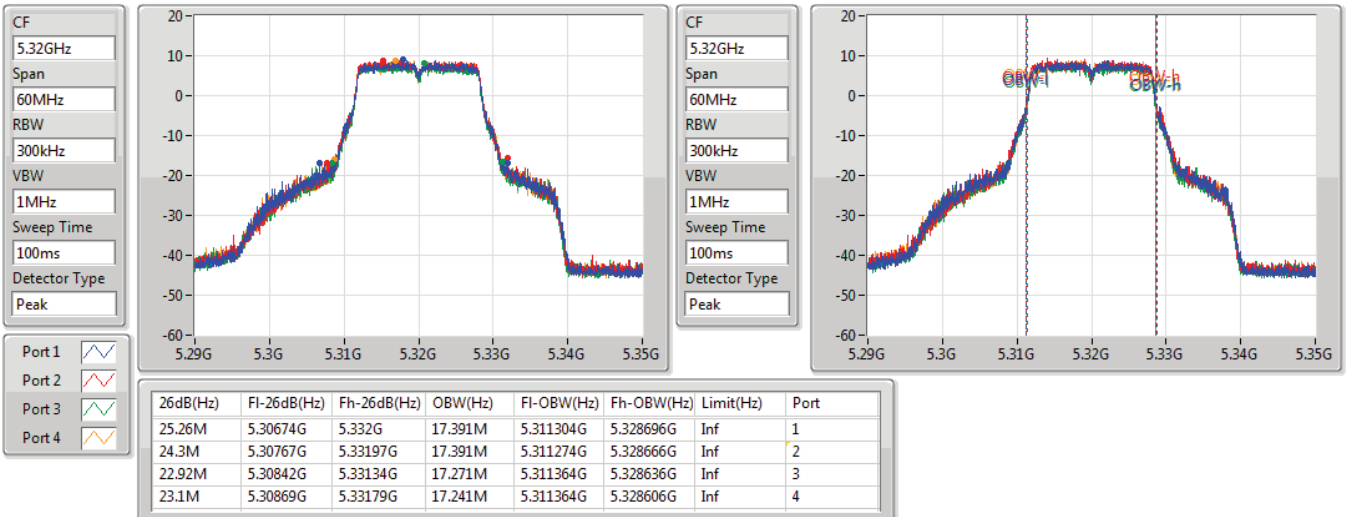


802.11a_Nss1,(6Mbps)_4TX

EBW

5320MHz

29/04/2022

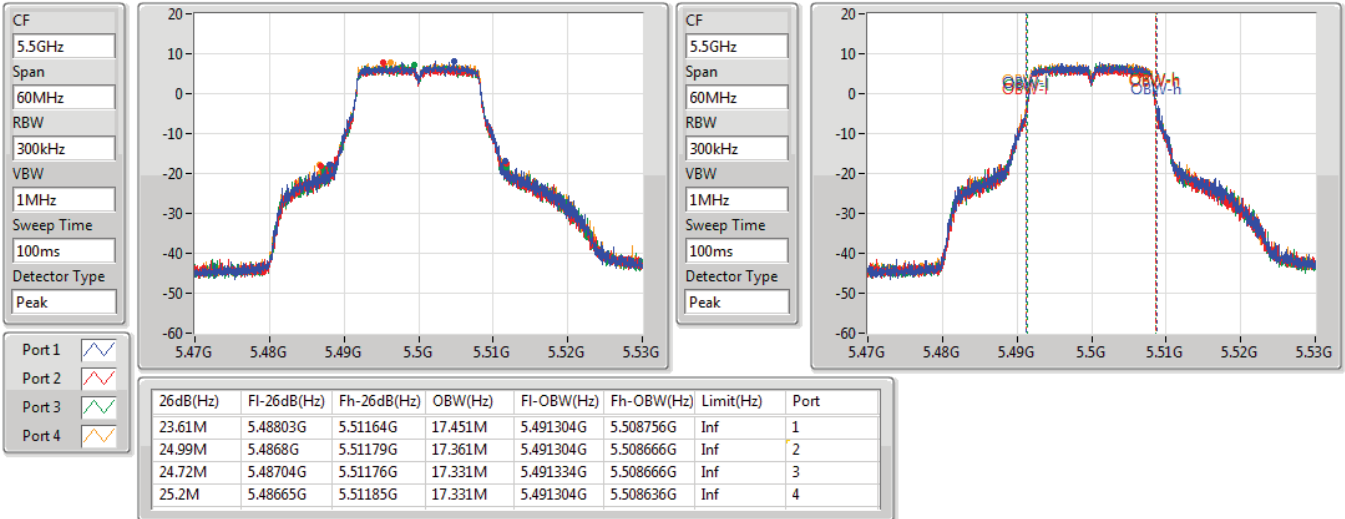


802.11a_Nss1,(6Mbps)_4TX

EBW

5500MHz

29/04/2022

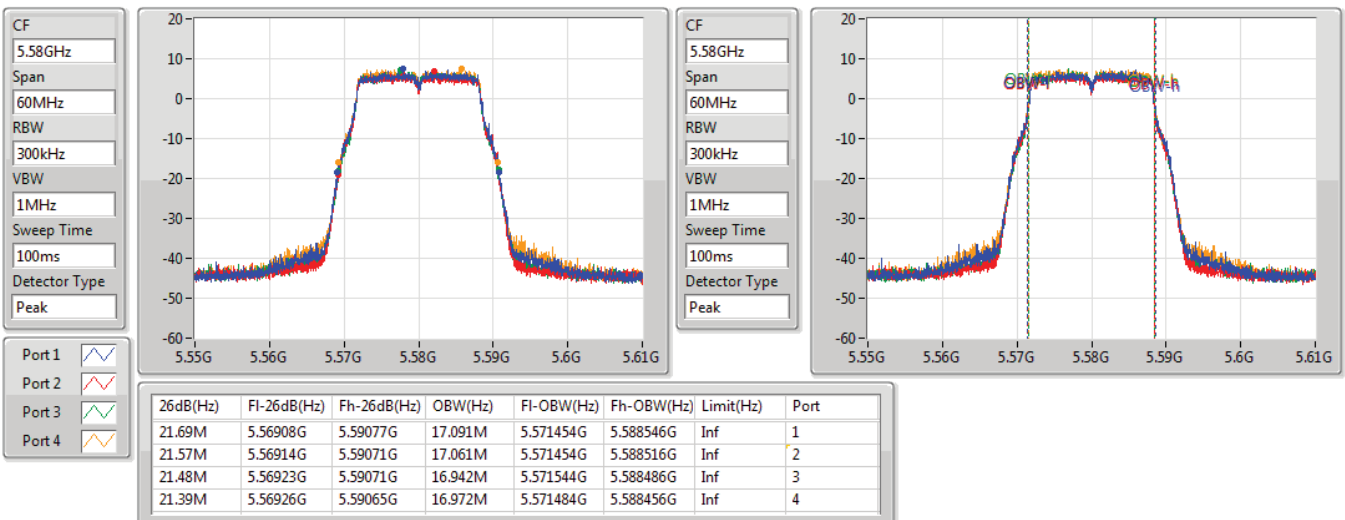


802.11a_Nss1,(6Mbps)_4TX

EBW

5580MHz

29/04/2022

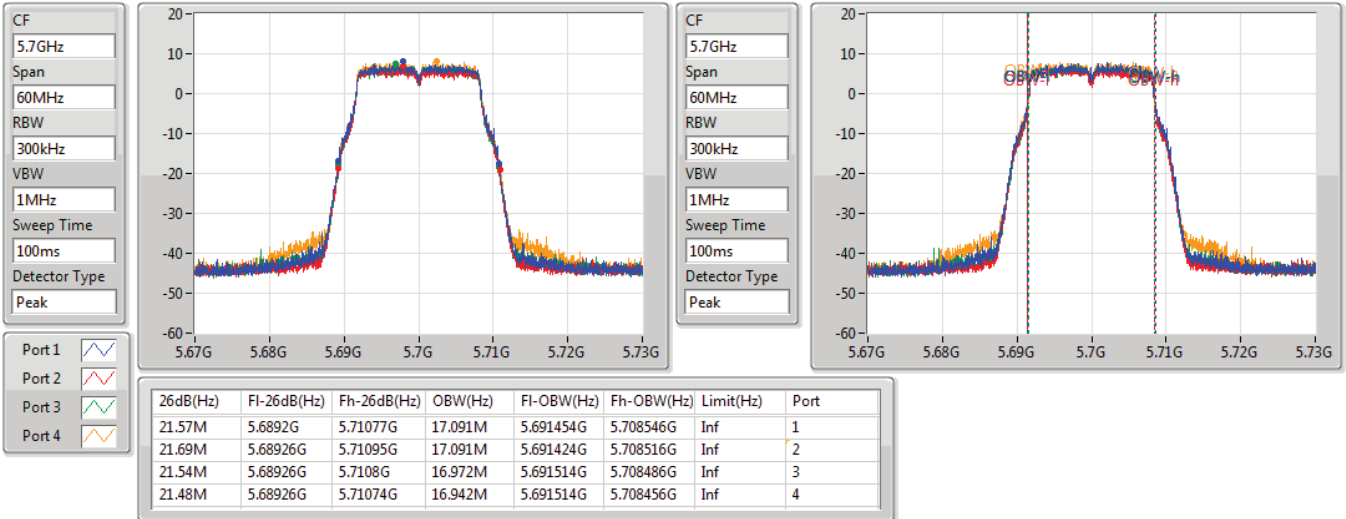


802.11a_Nss1,(6Mbps)_4TX

EBW

5700MHz

29/04/2022

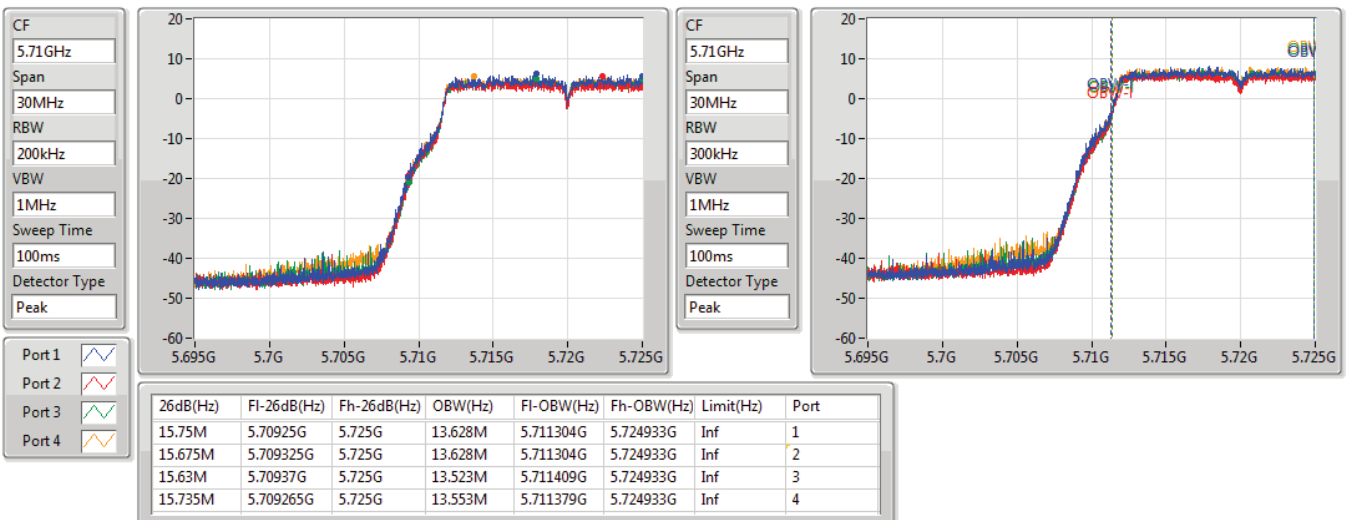


802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

29/04/2022

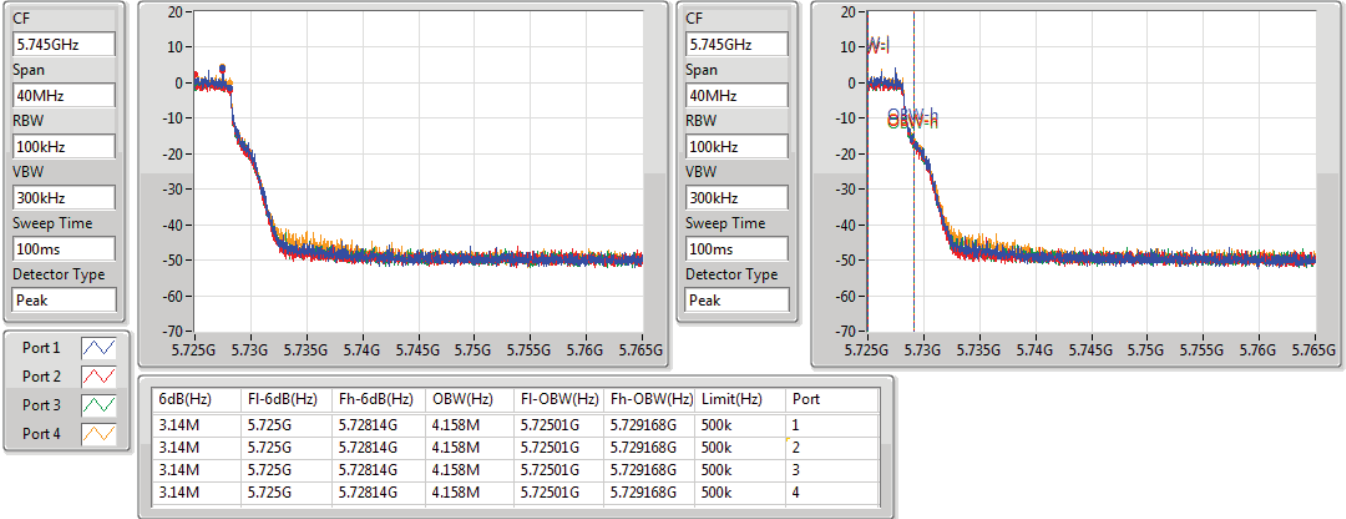


802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

29/04/2022

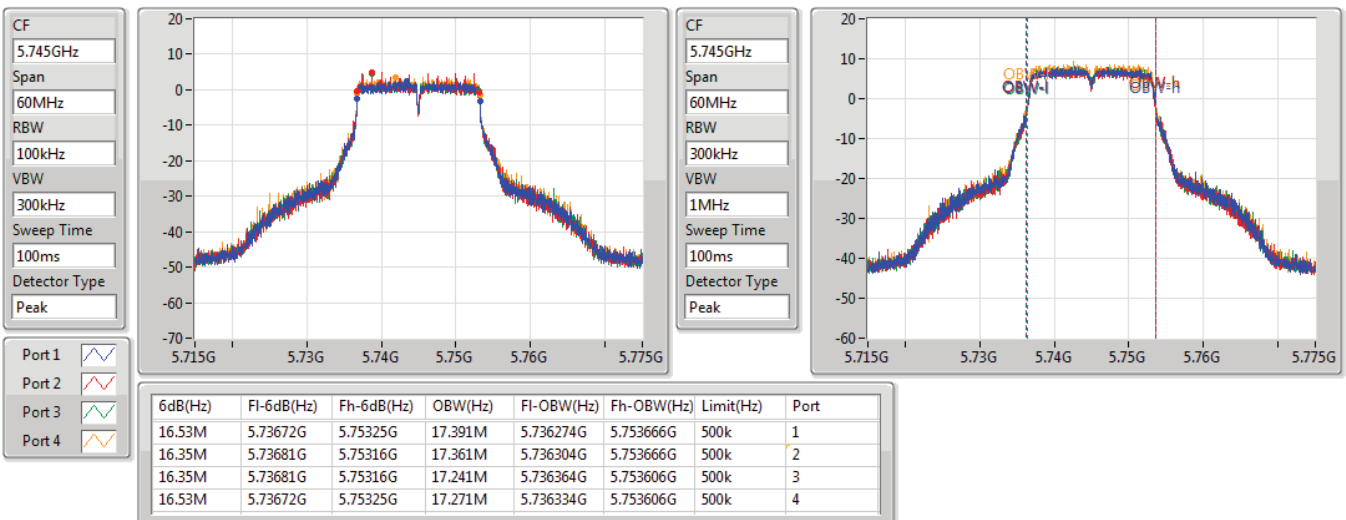


802.11a_Nss1,(6Mbps)_4TX

EBW

5745MHz

29/04/2022

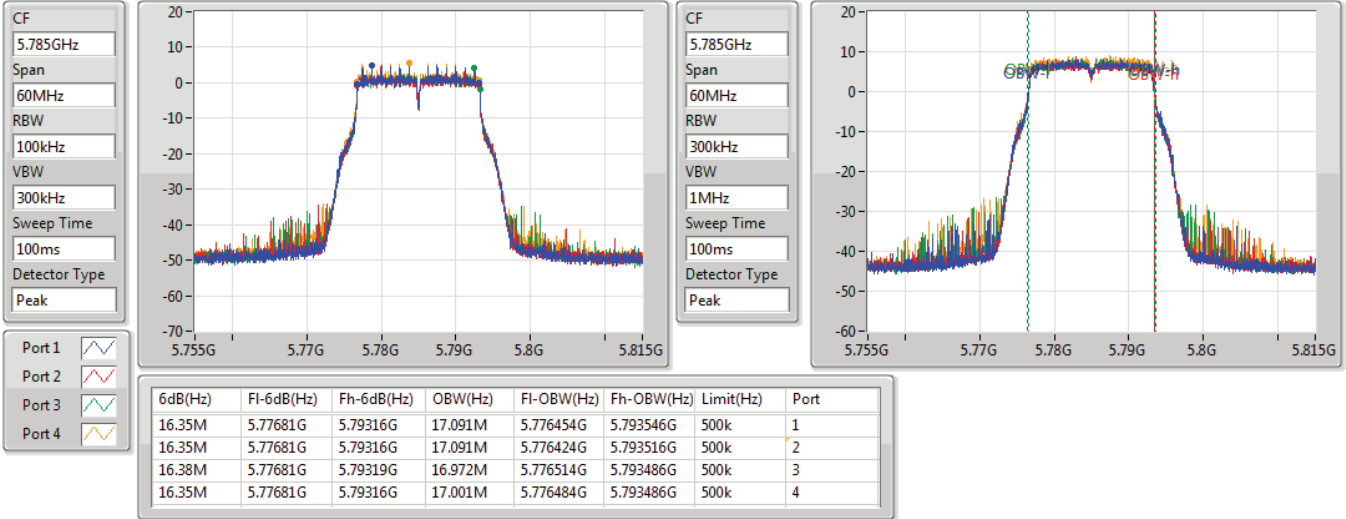


802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

29/04/2022

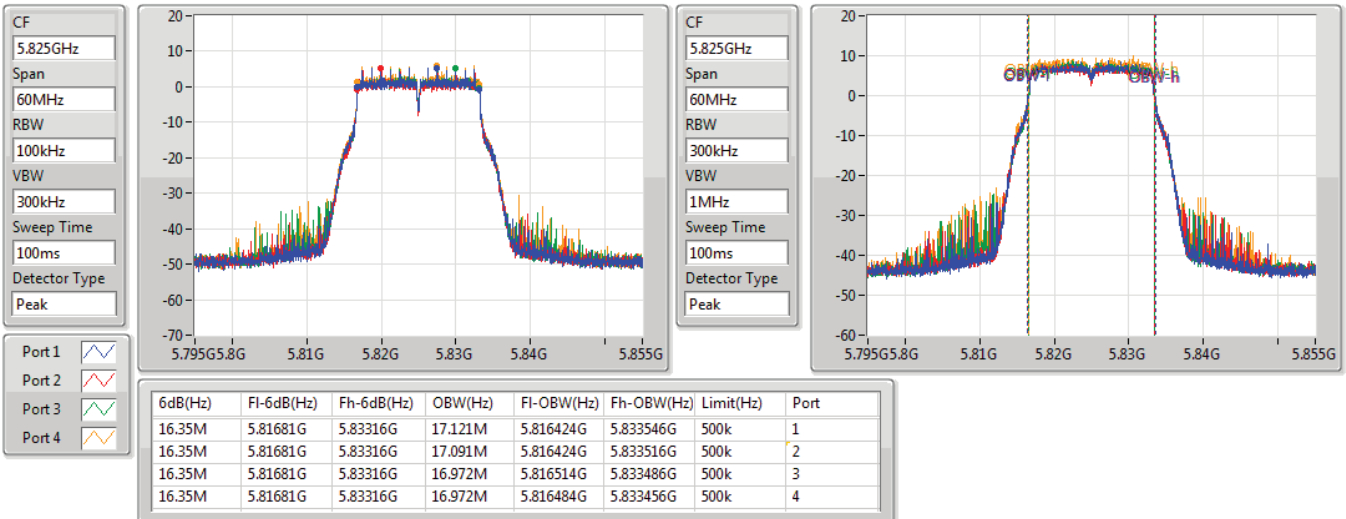


802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

29/04/2022

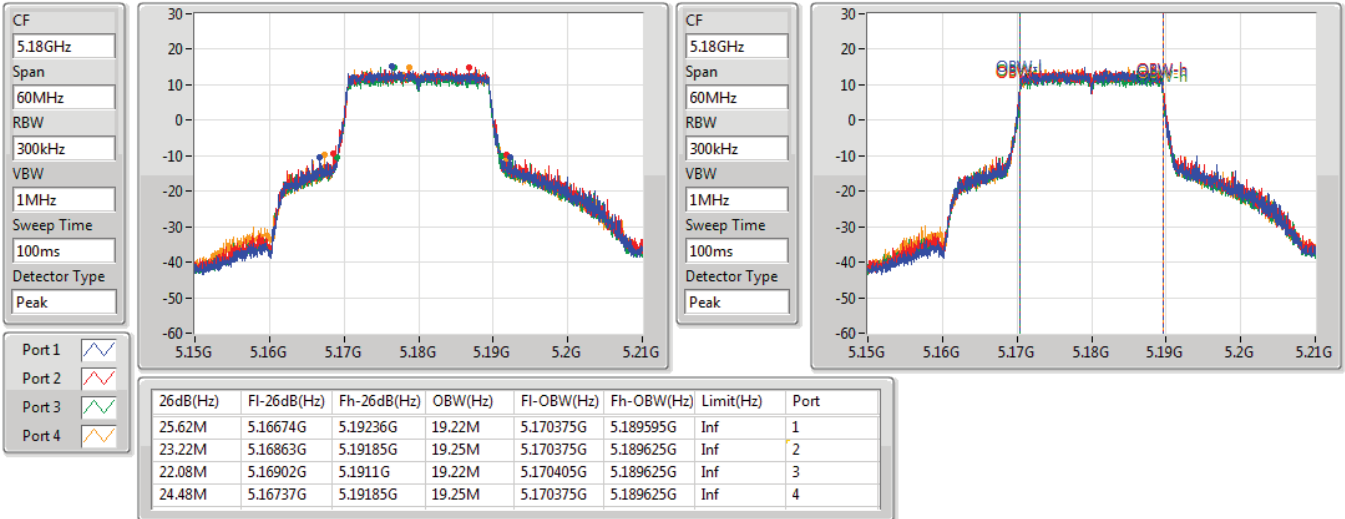


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5180MHz

29/04/2022

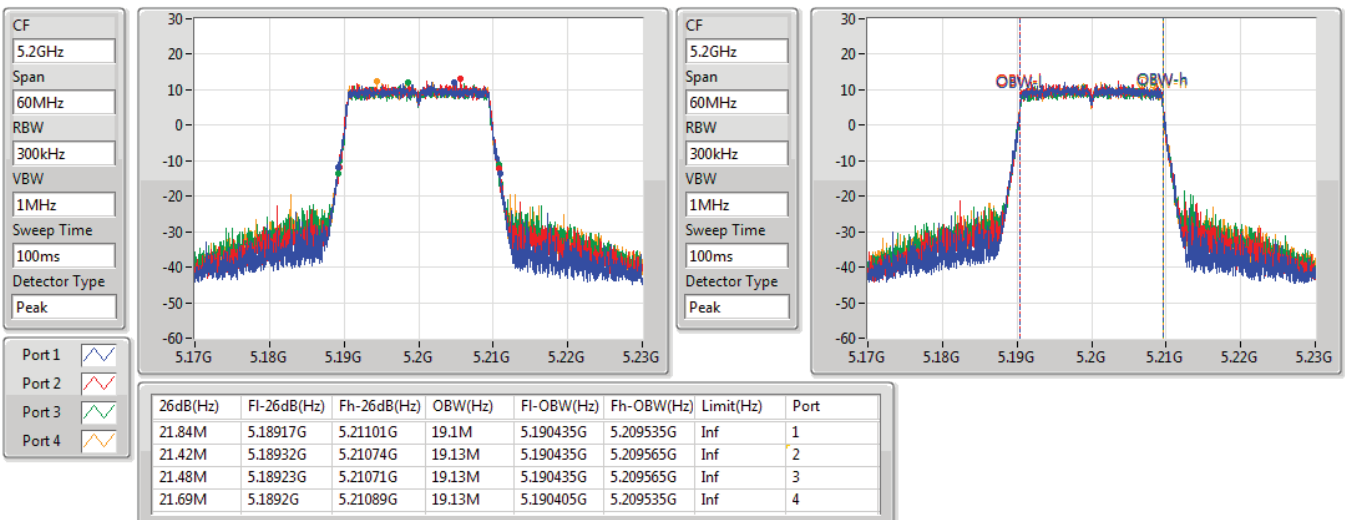


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5200MHz

29/04/2022

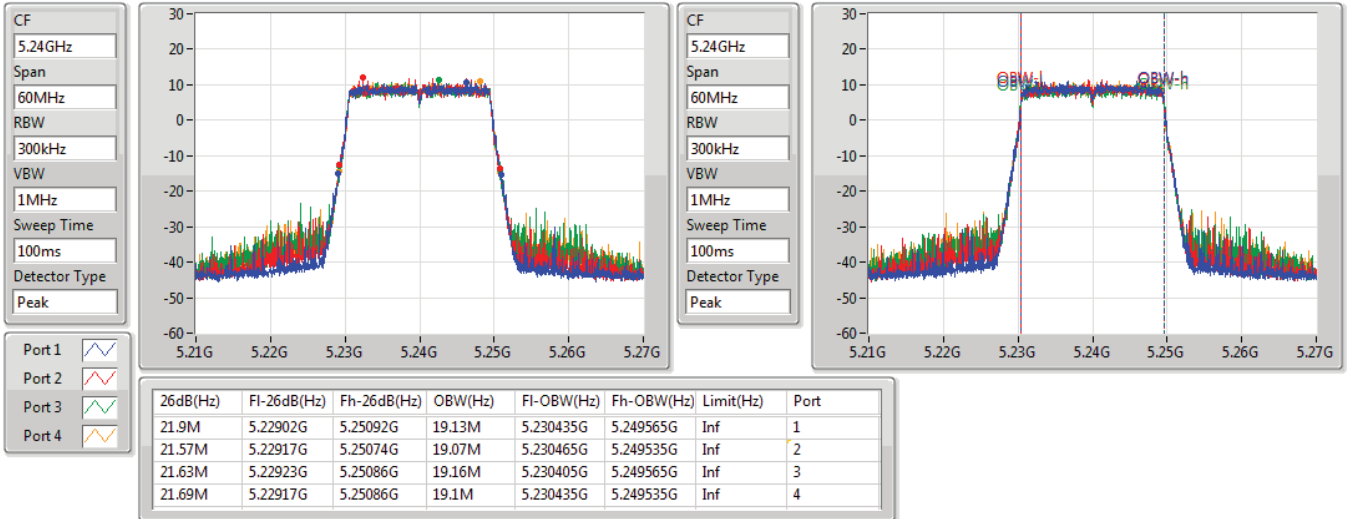


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5240MHz

29/04/2022

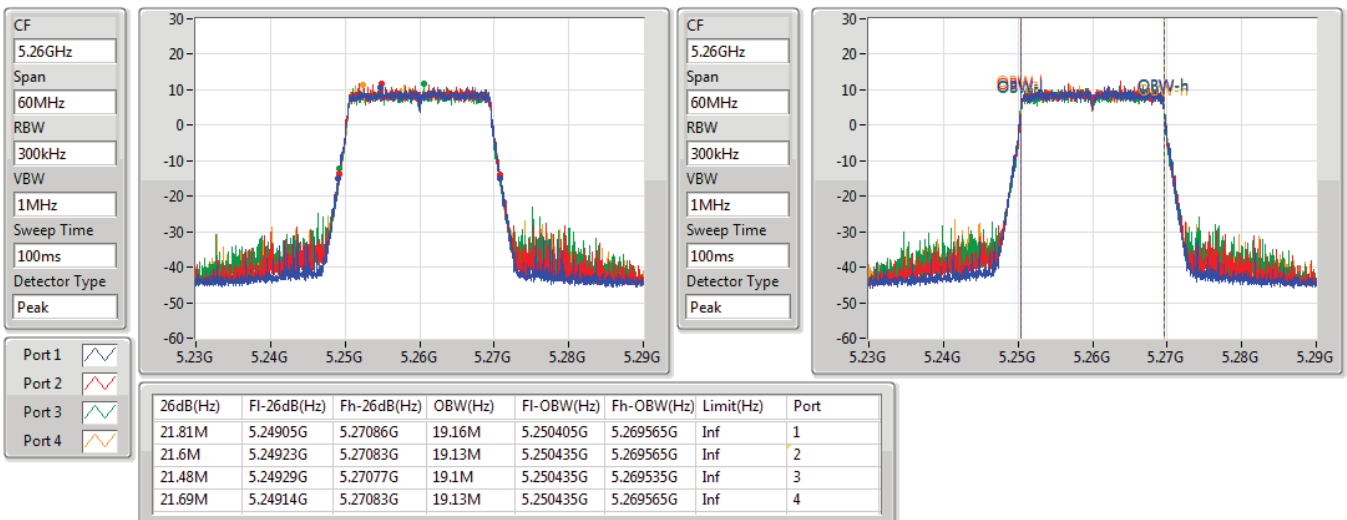


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5260MHz

29/04/2022

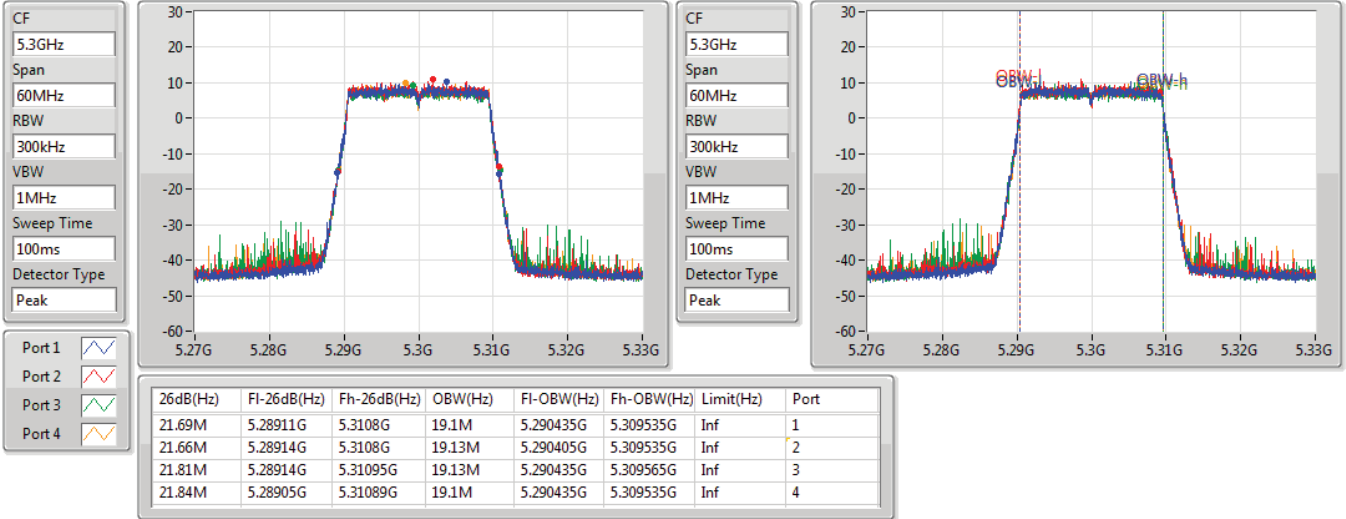


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5300MHz

29/04/2022

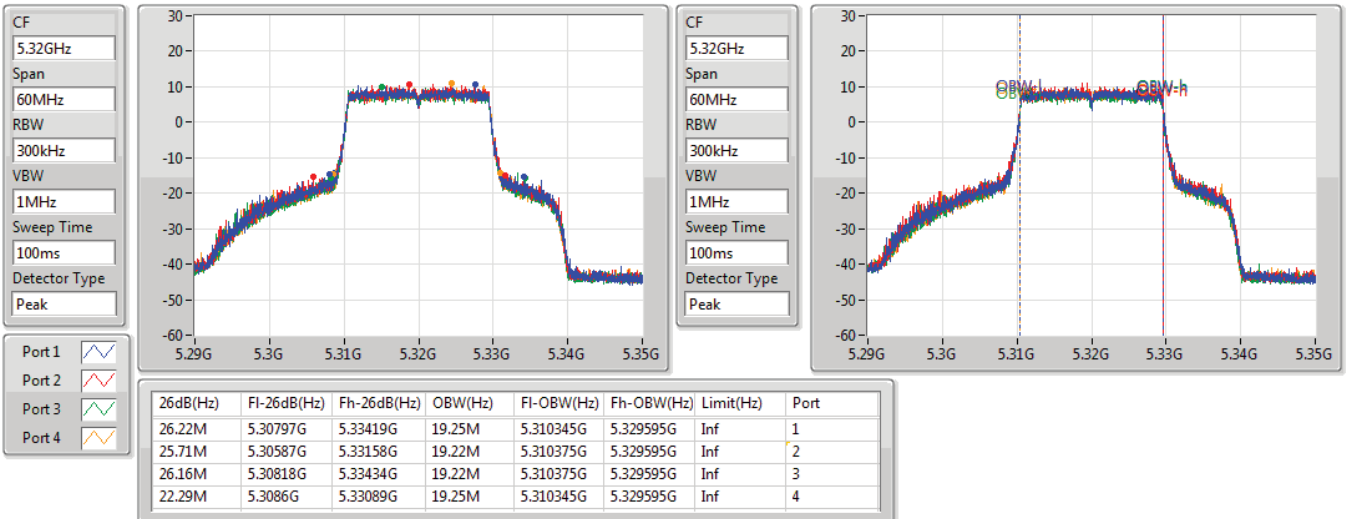


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5320MHz

29/04/2022

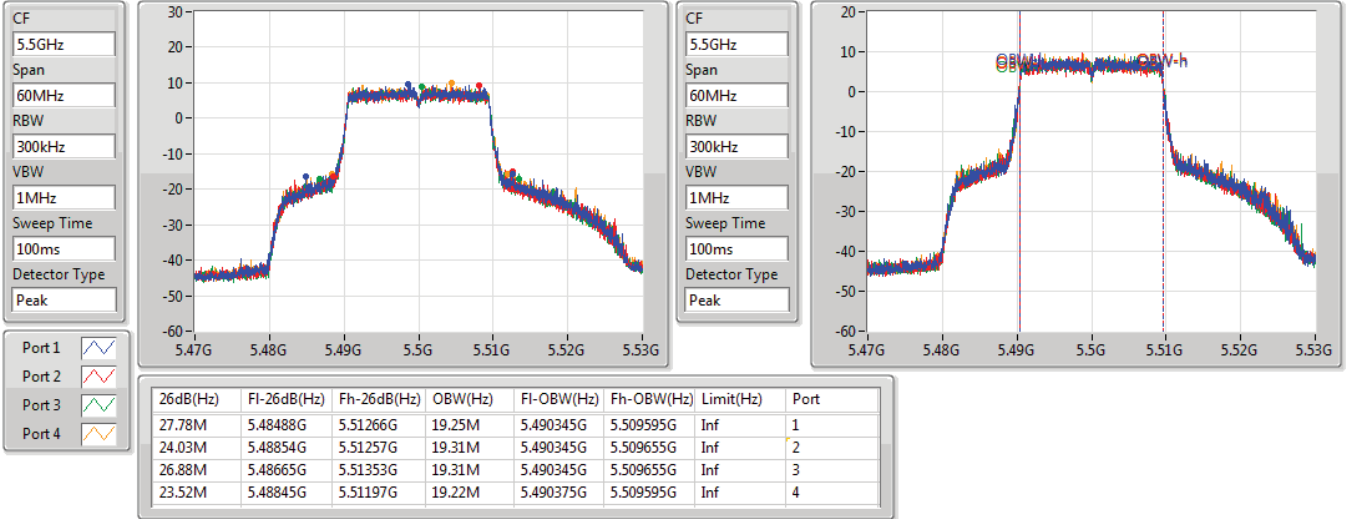


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5500MHz

29/04/2022

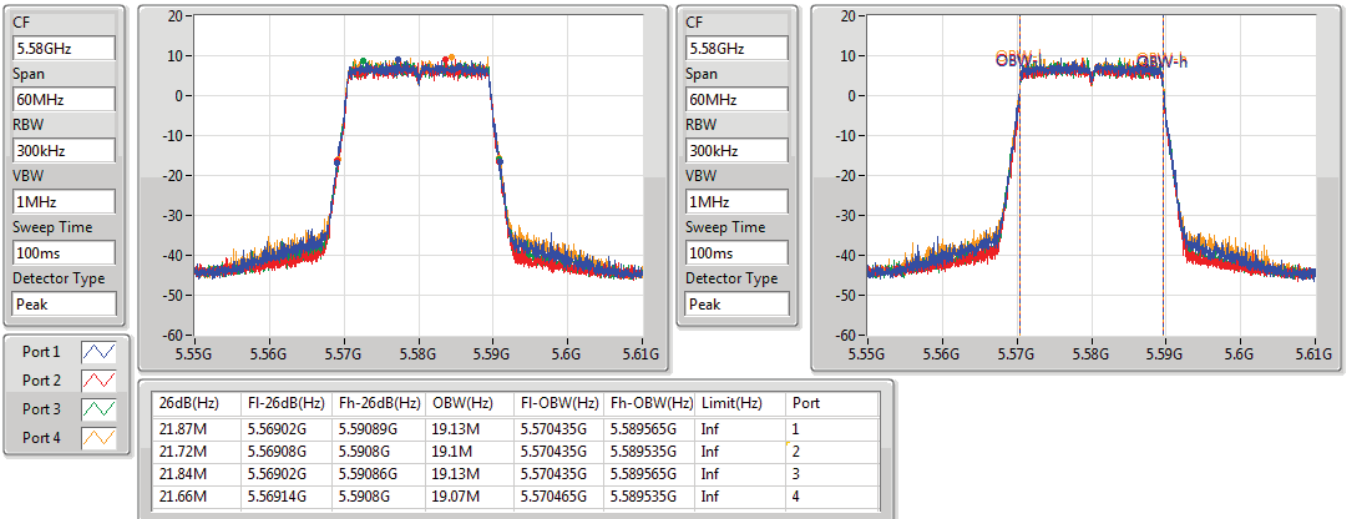


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5580MHz

29/04/2022

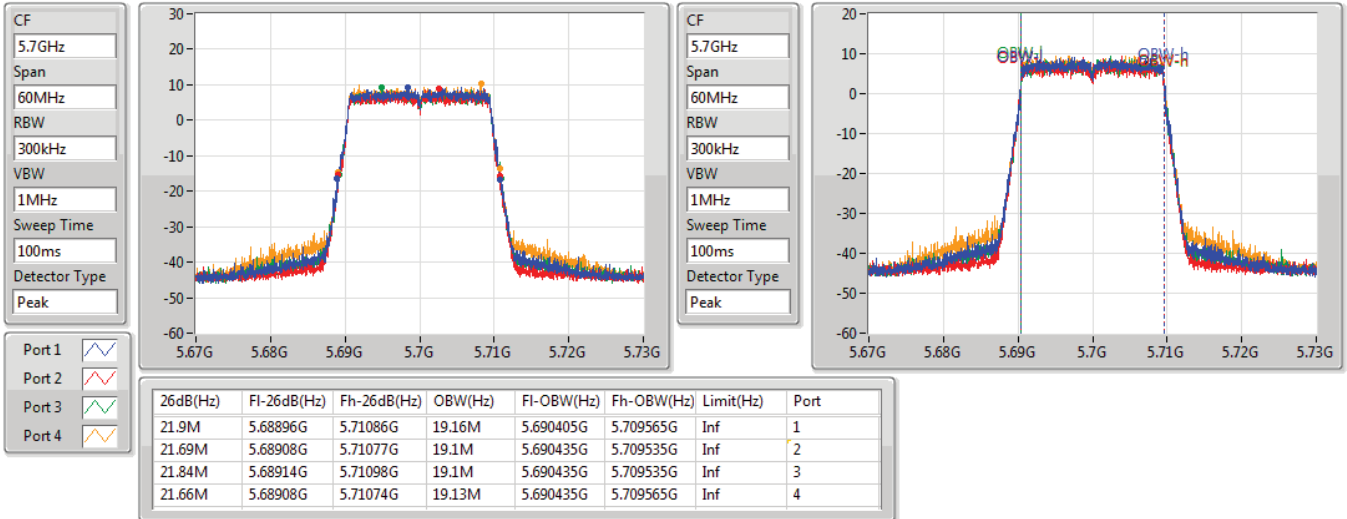


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5700MHz

29/04/2022

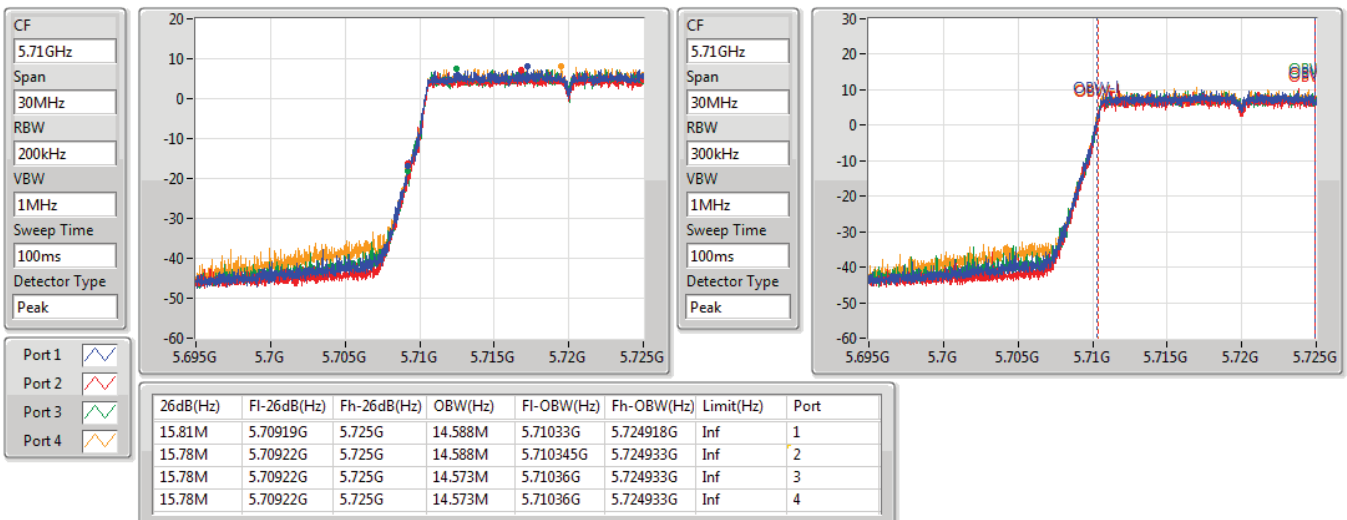


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

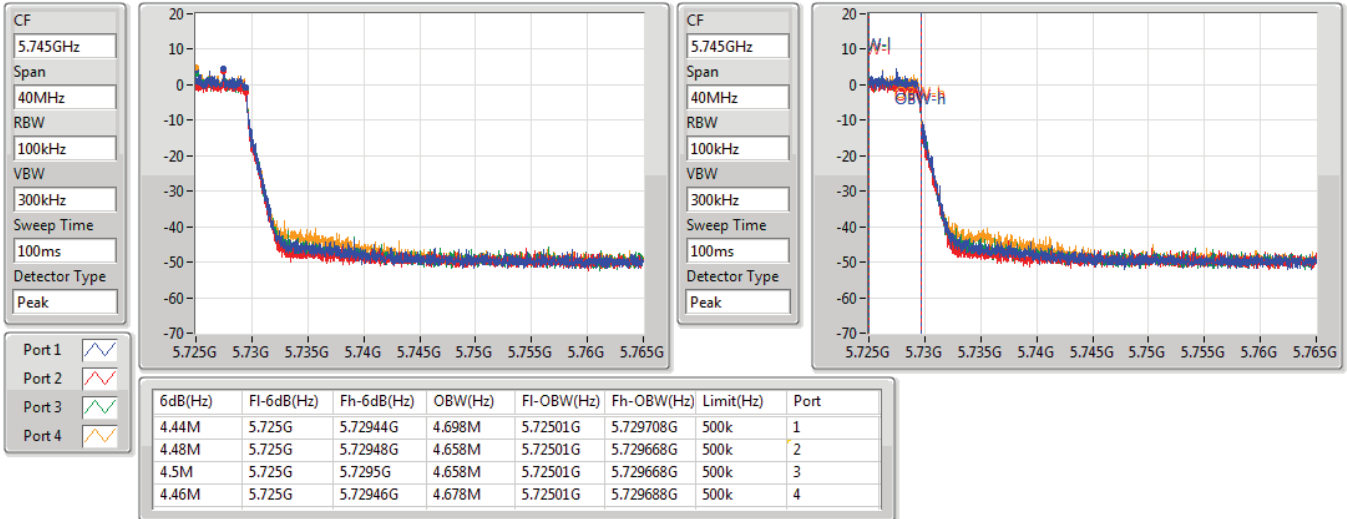
5720MHz Straddle 5.47-5.725GHz

29/04/2022

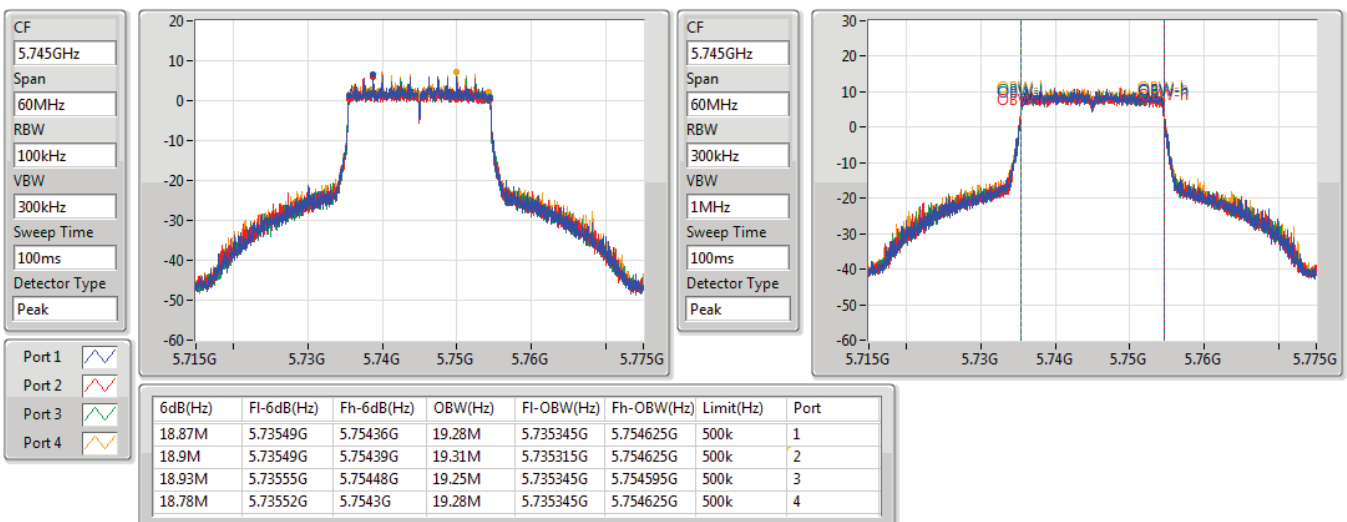


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

29/04/2022


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5745MHz

29/04/2022

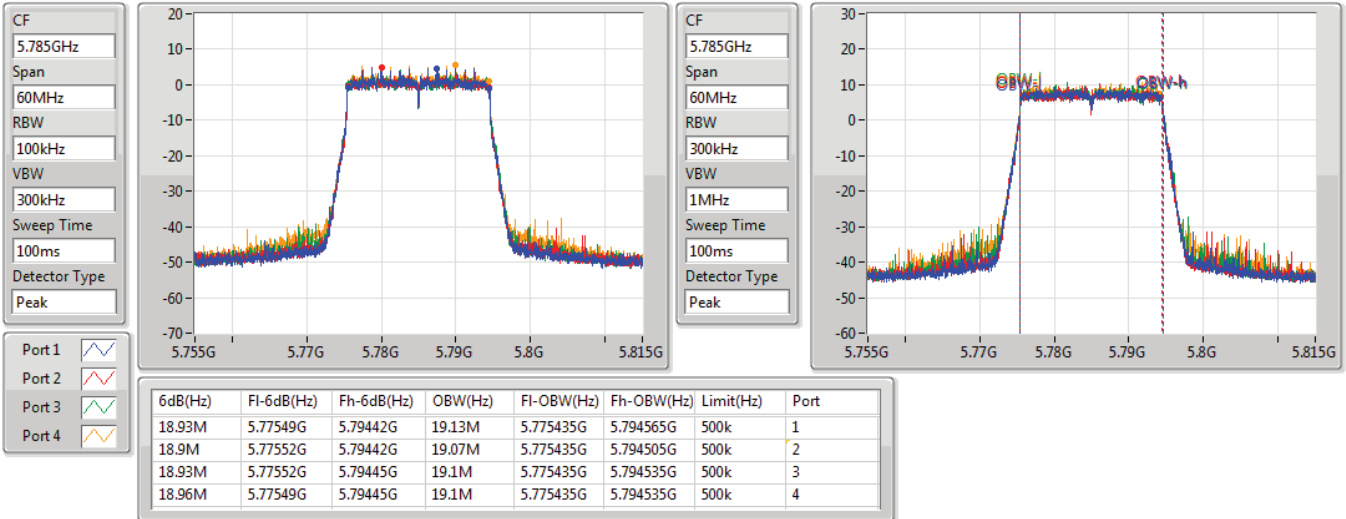


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5785MHz

29/04/2022

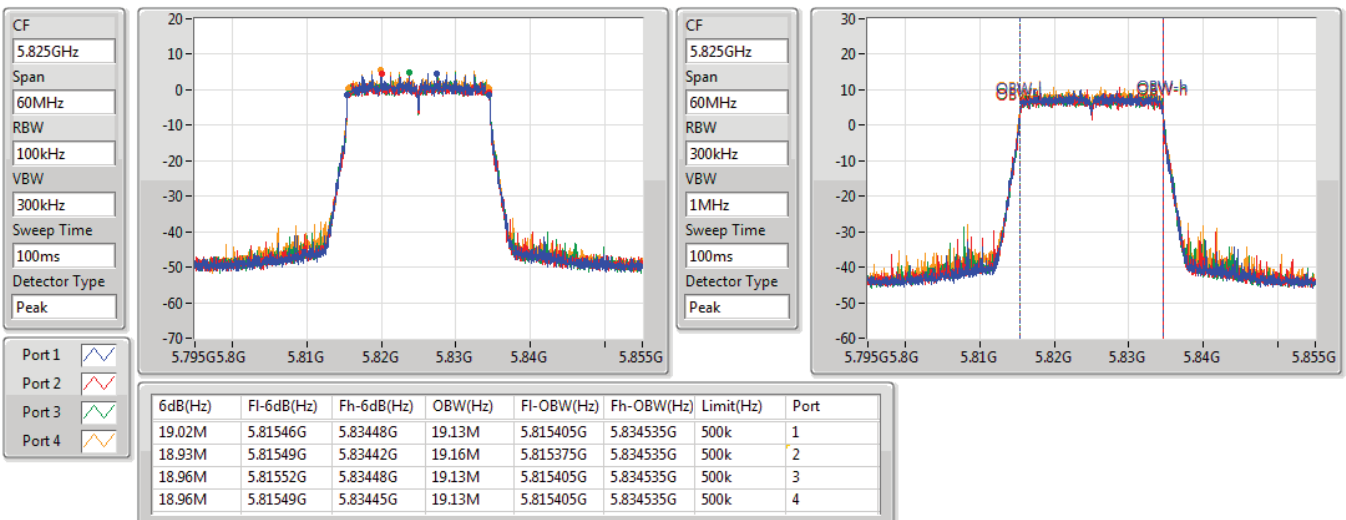


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5825MHz

29/04/2022

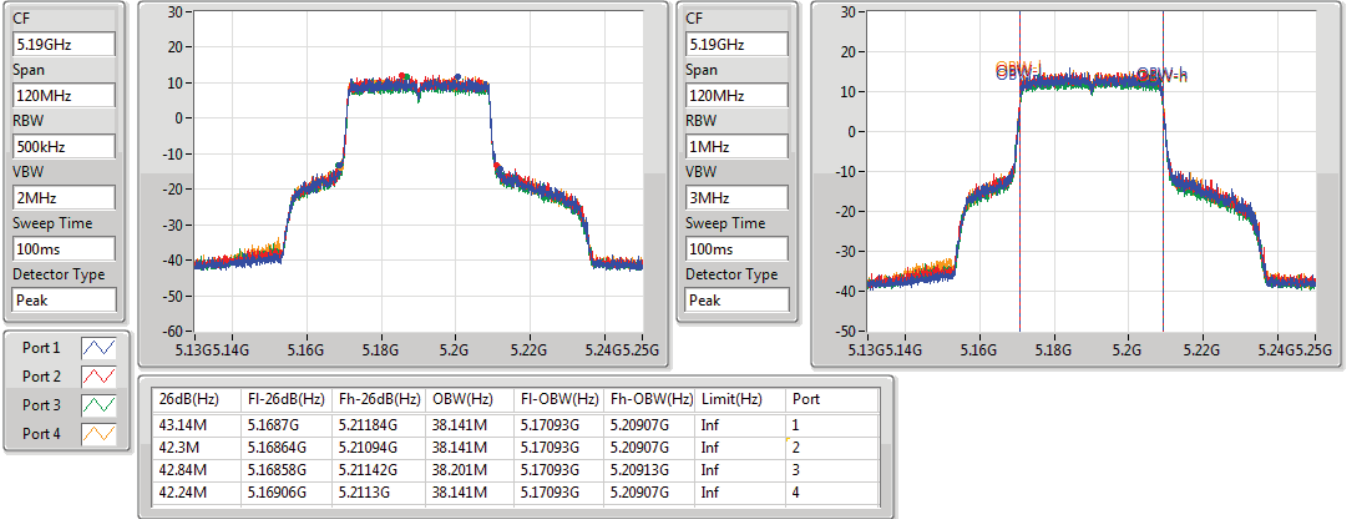


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5190MHz

29/04/2022

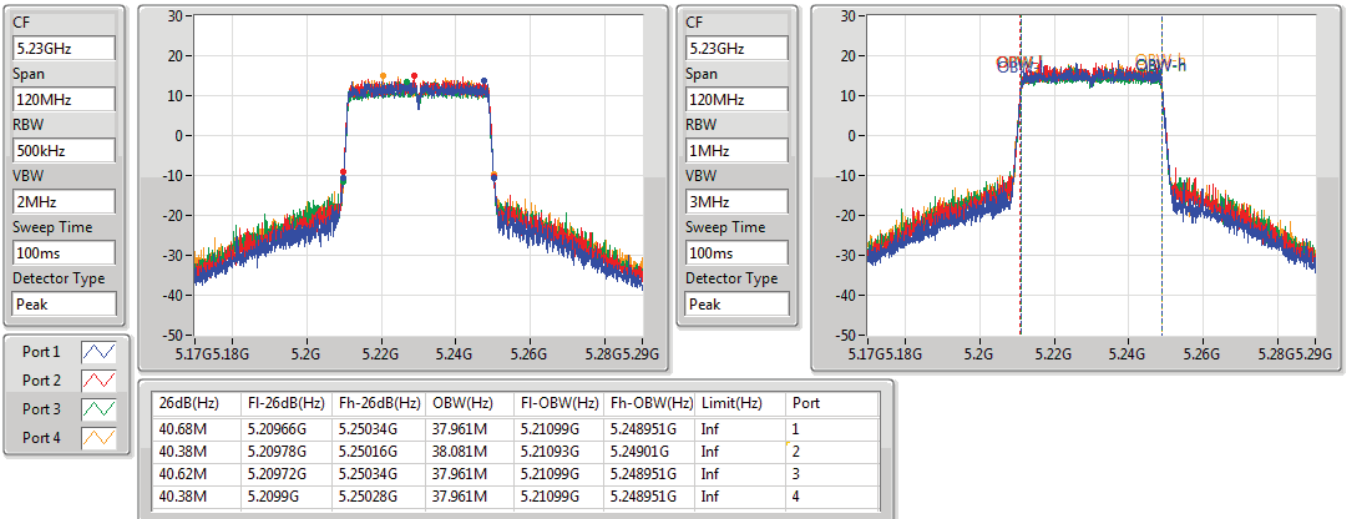


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

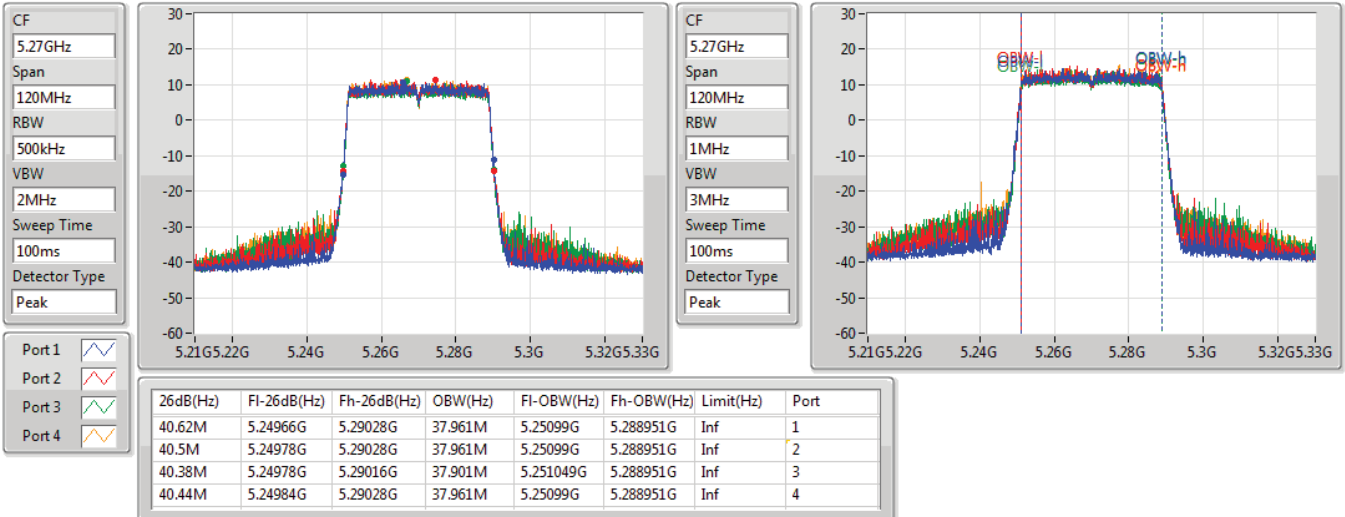
5230MHz

29/04/2022

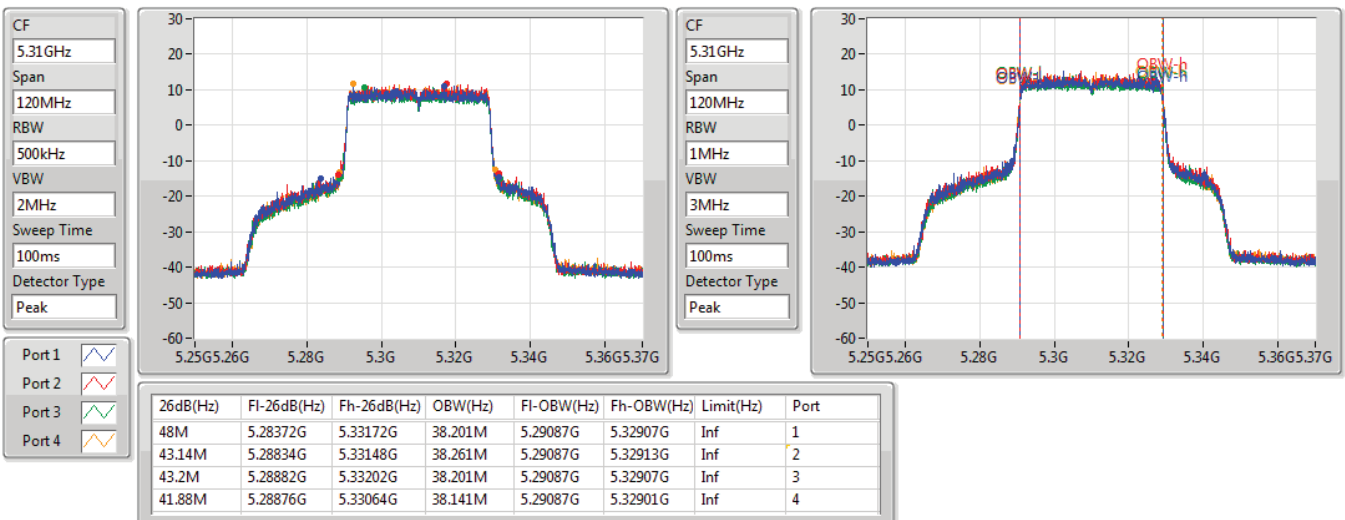


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5270MHz

29/04/2022


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5310MHz

29/04/2022

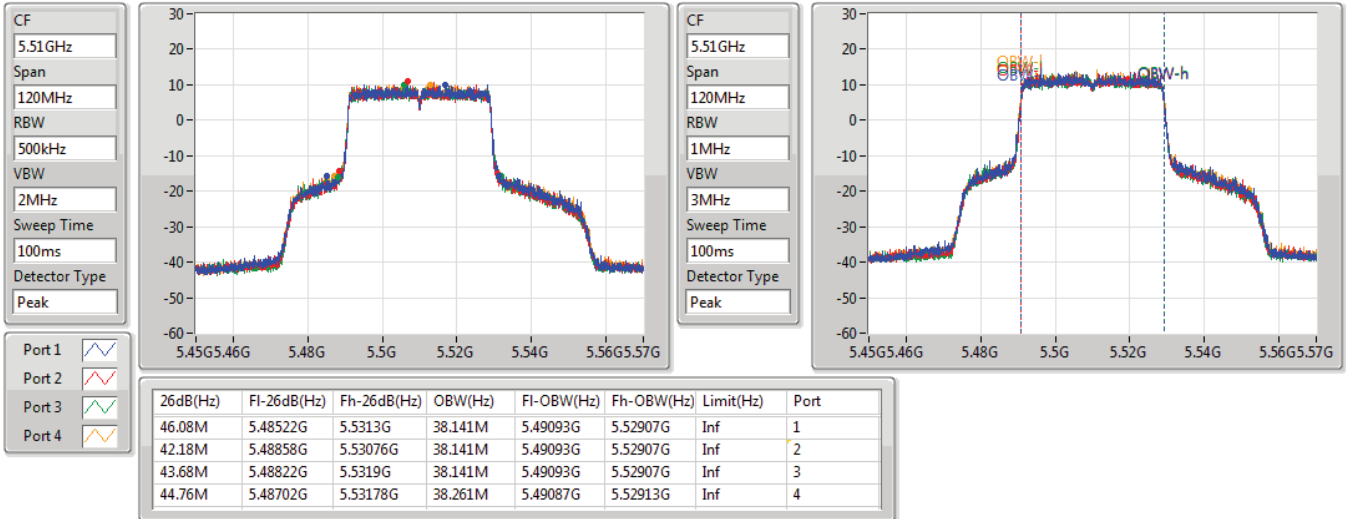


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5510MHz

29/04/2022

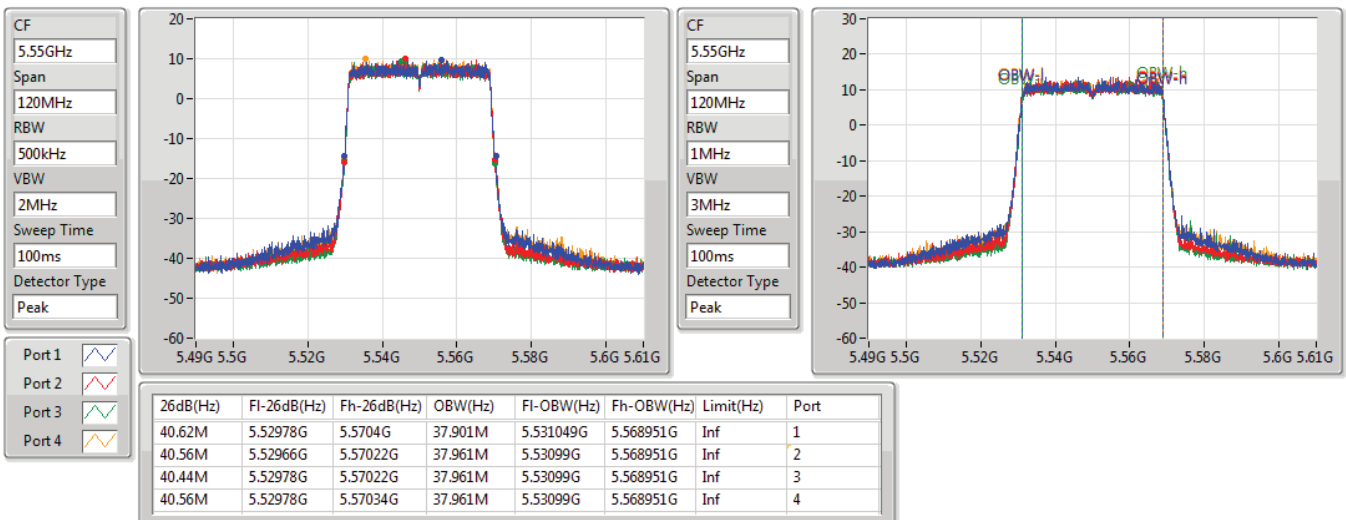


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5550MHz

29/04/2022

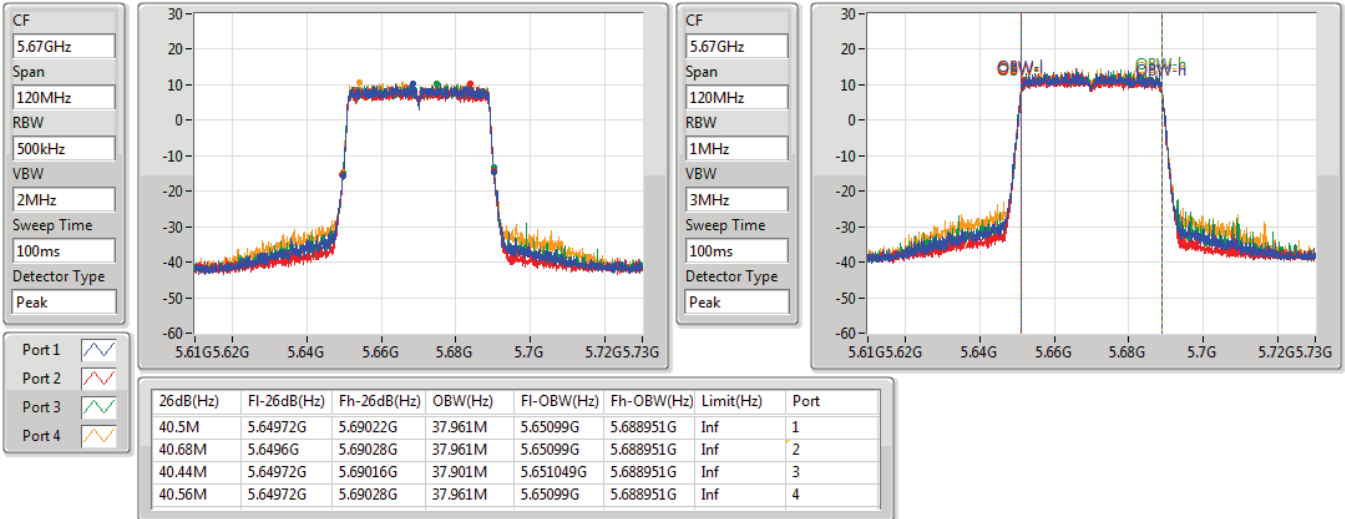


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5670MHz

29/04/2022

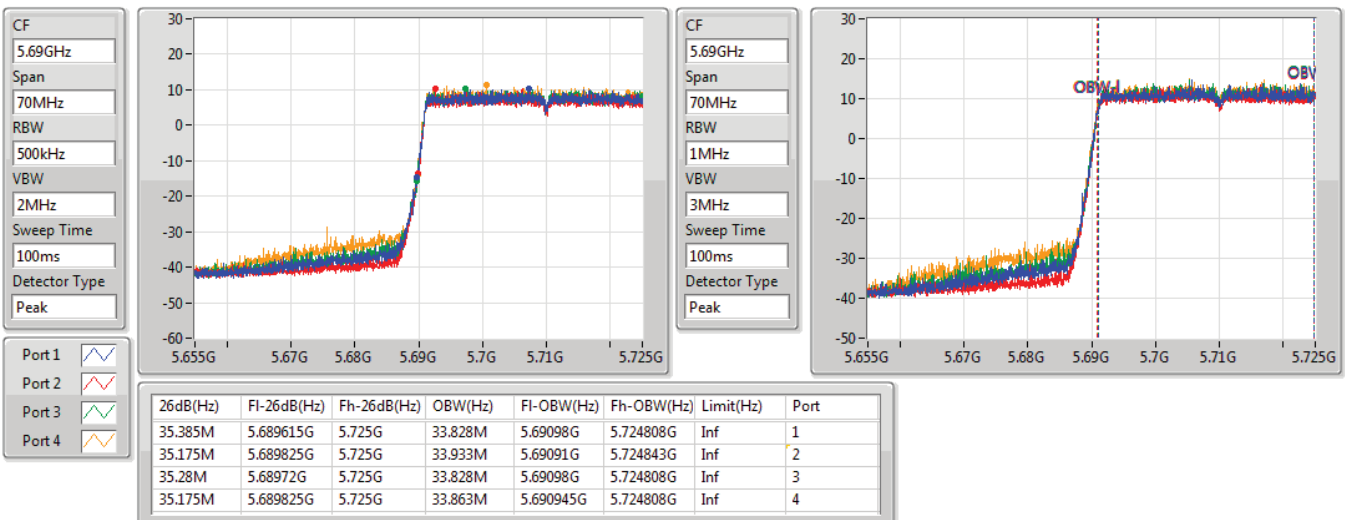


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

29/04/2022

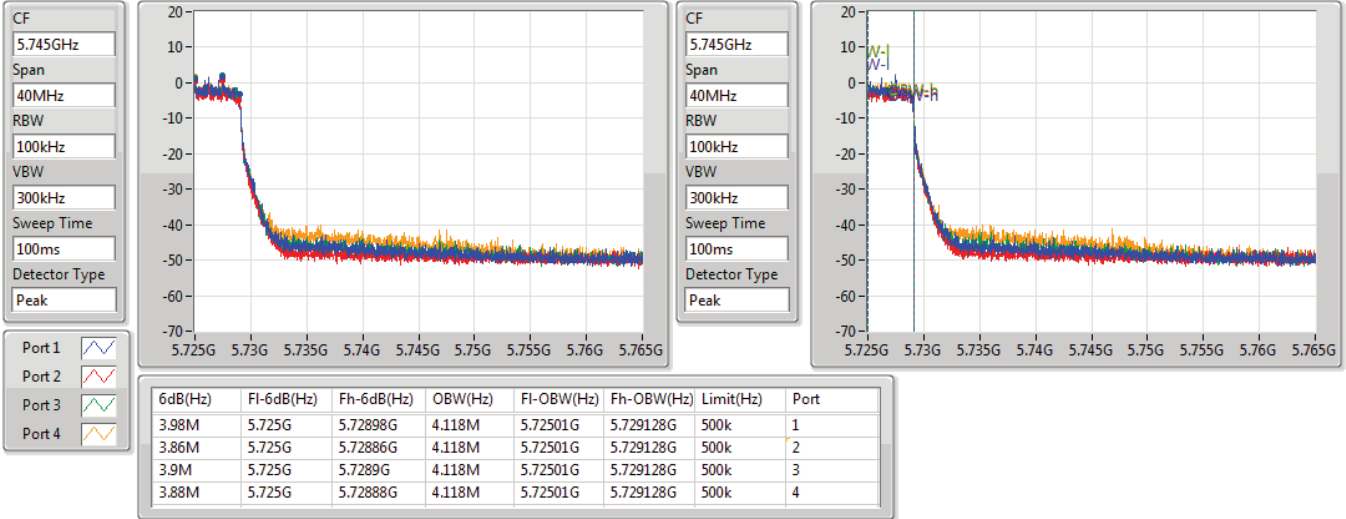


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

29/04/2022

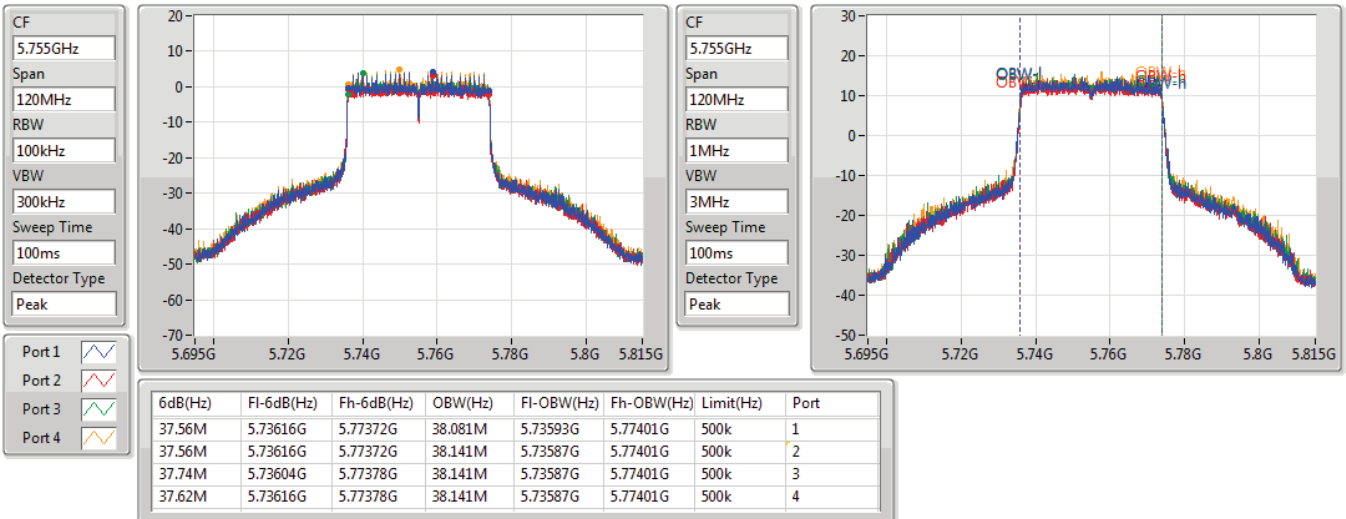


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5755MHz

29/04/2022

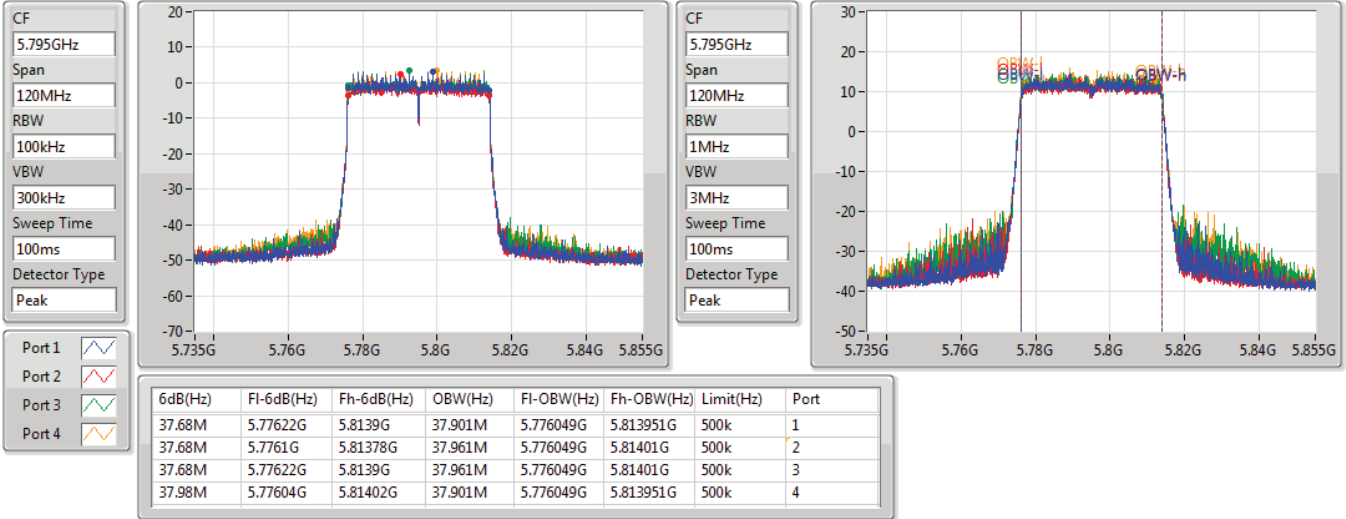


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5795MHz

29/04/2022

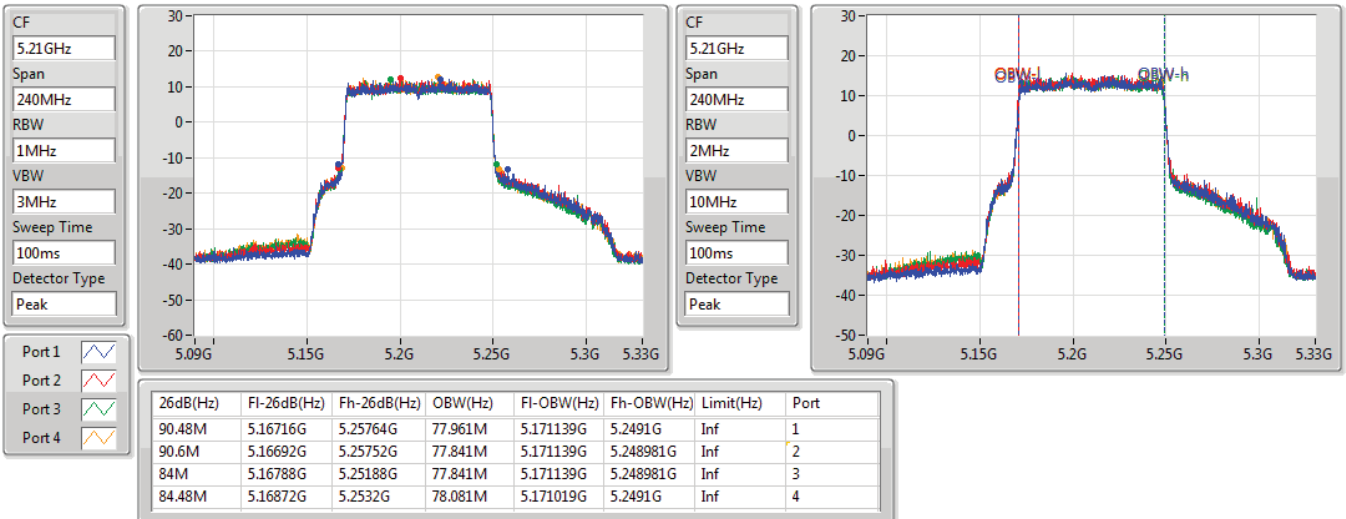


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5210MHz

29/04/2022

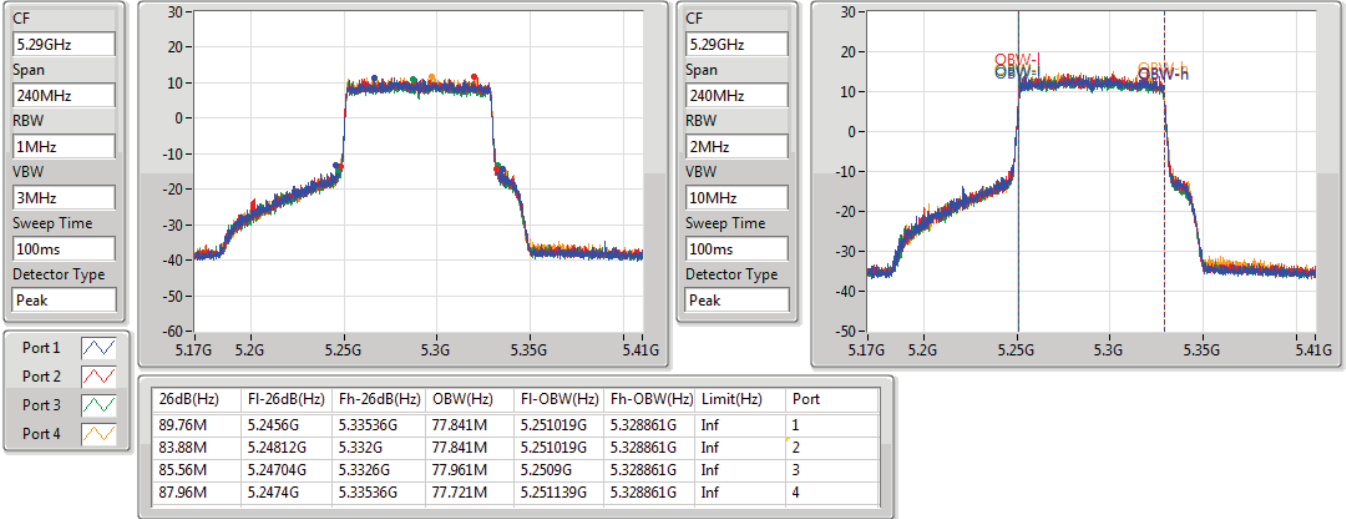


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5290MHz

29/04/2022

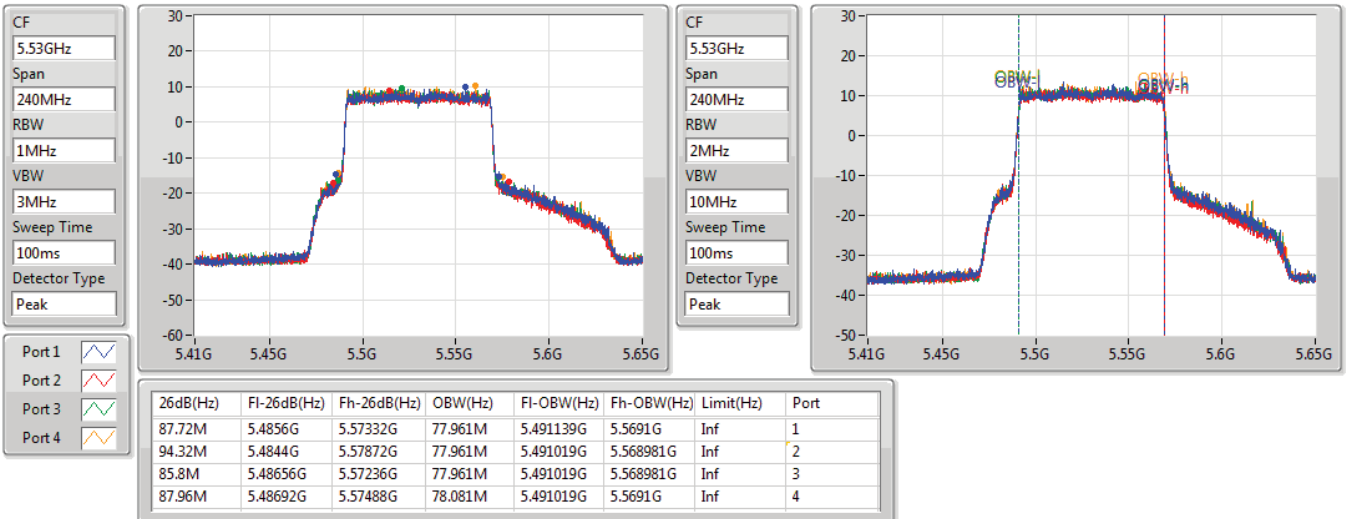


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5530MHz

29/04/2022

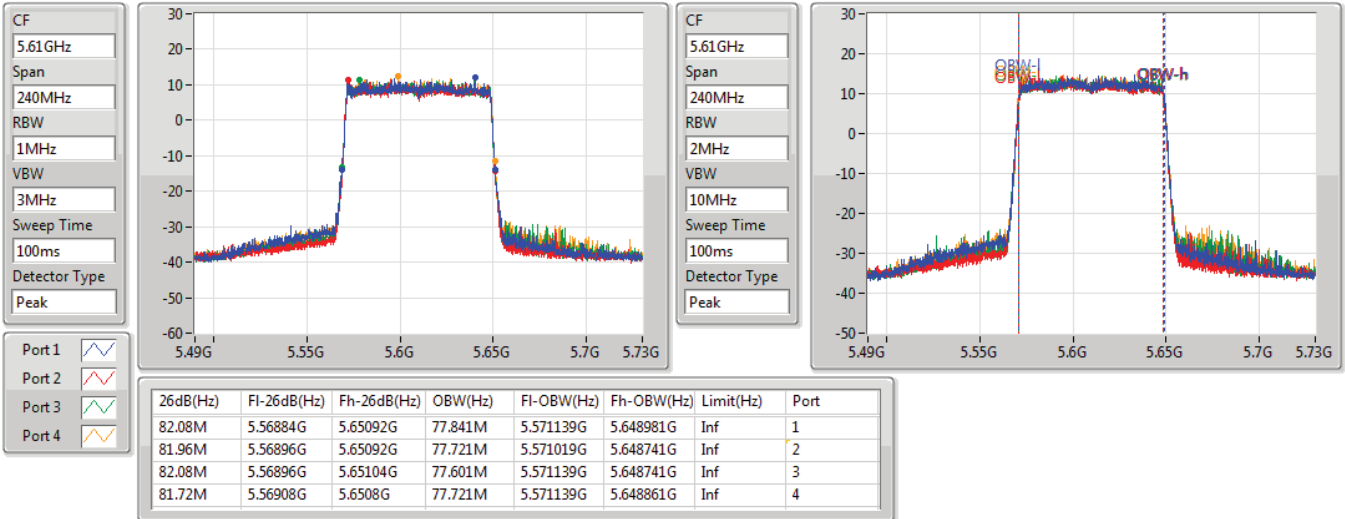


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5610MHz

29/04/2022

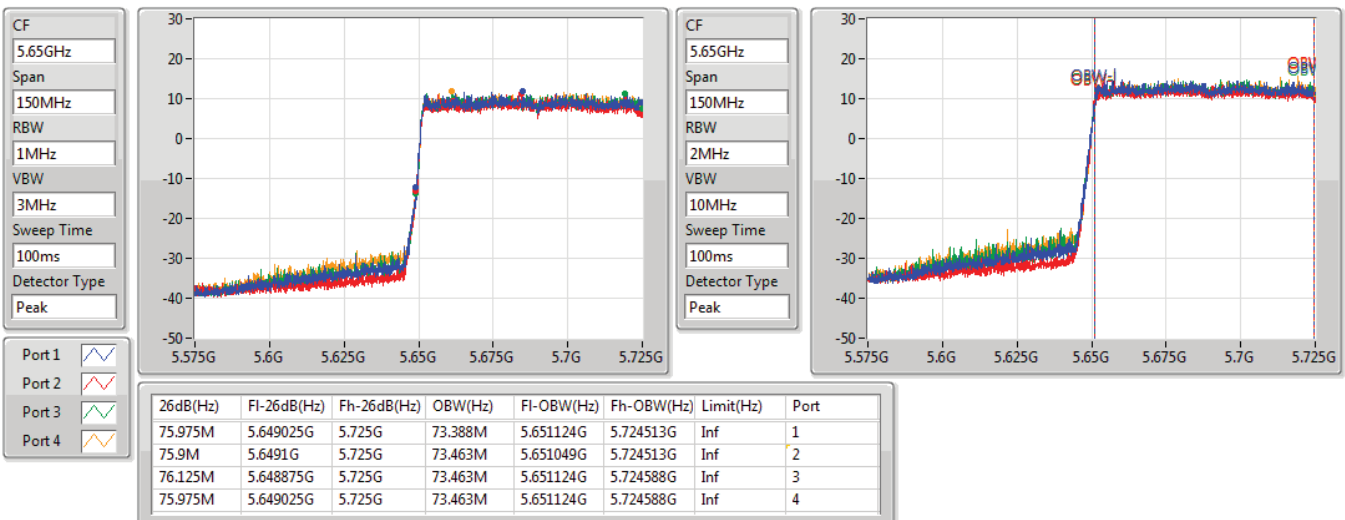


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

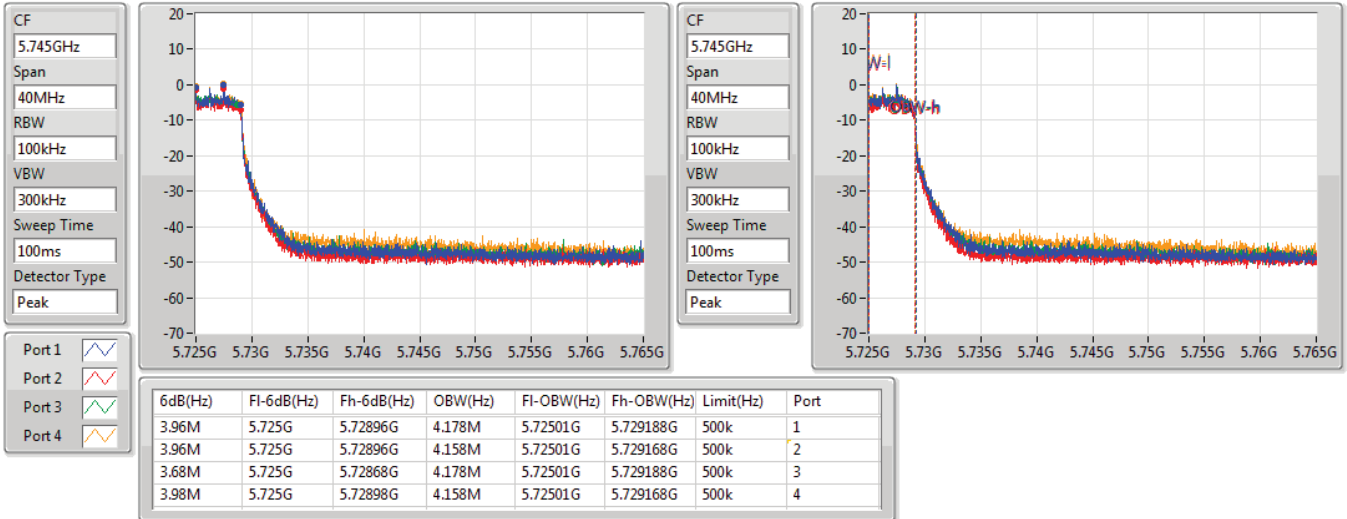
5690MHz Straddle 5.47-5.725GHz

29/04/2022

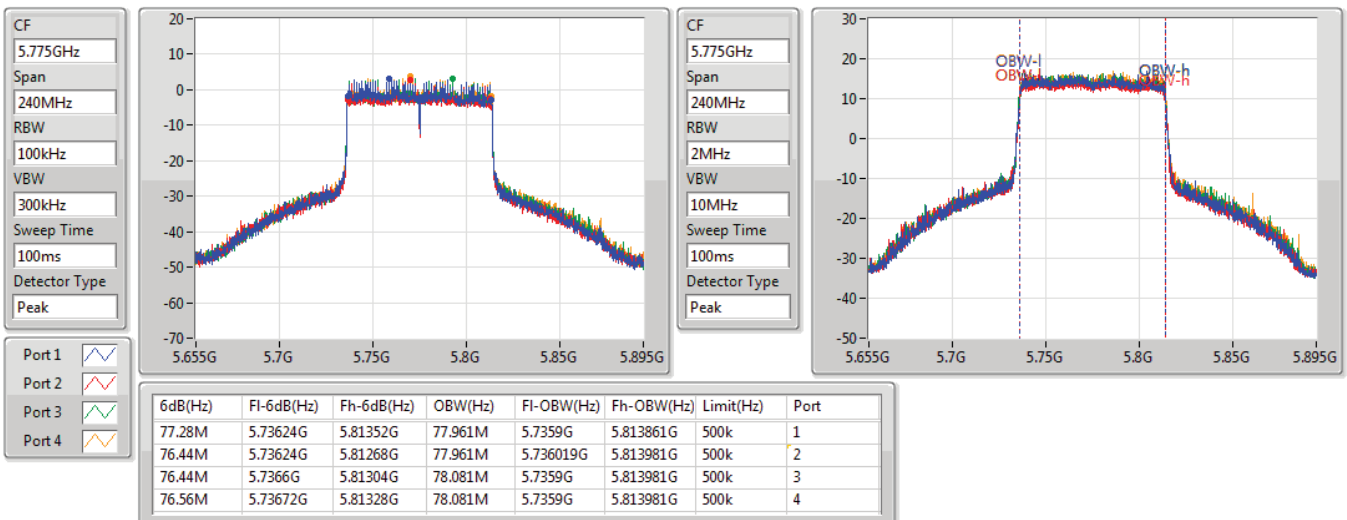


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

29/04/2022


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5775MHz

29/04/2022

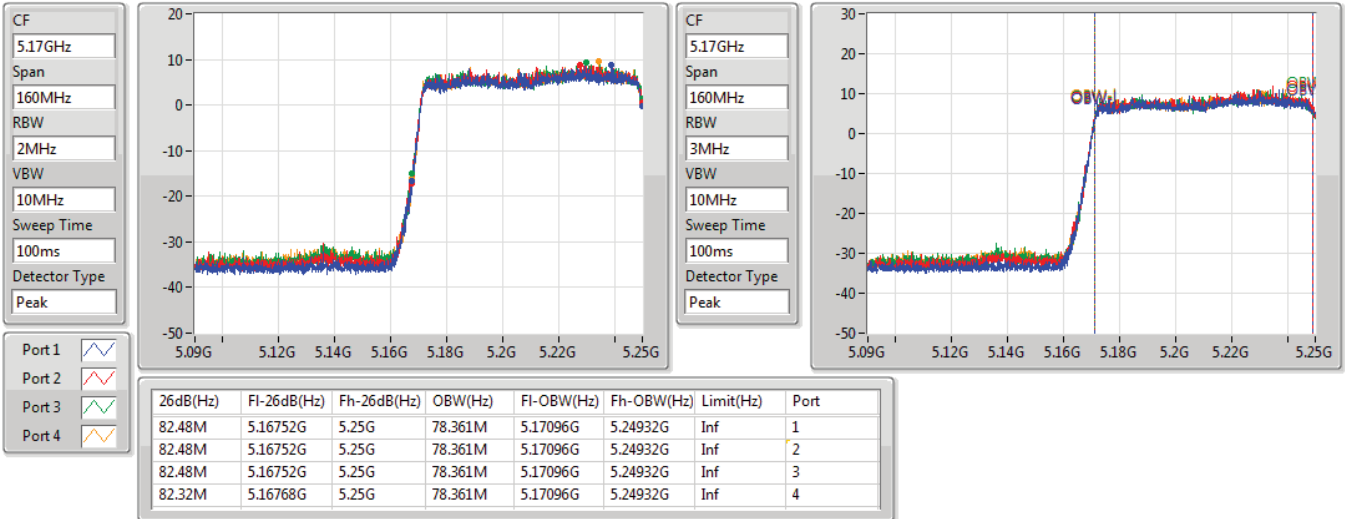


802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

29/04/2022

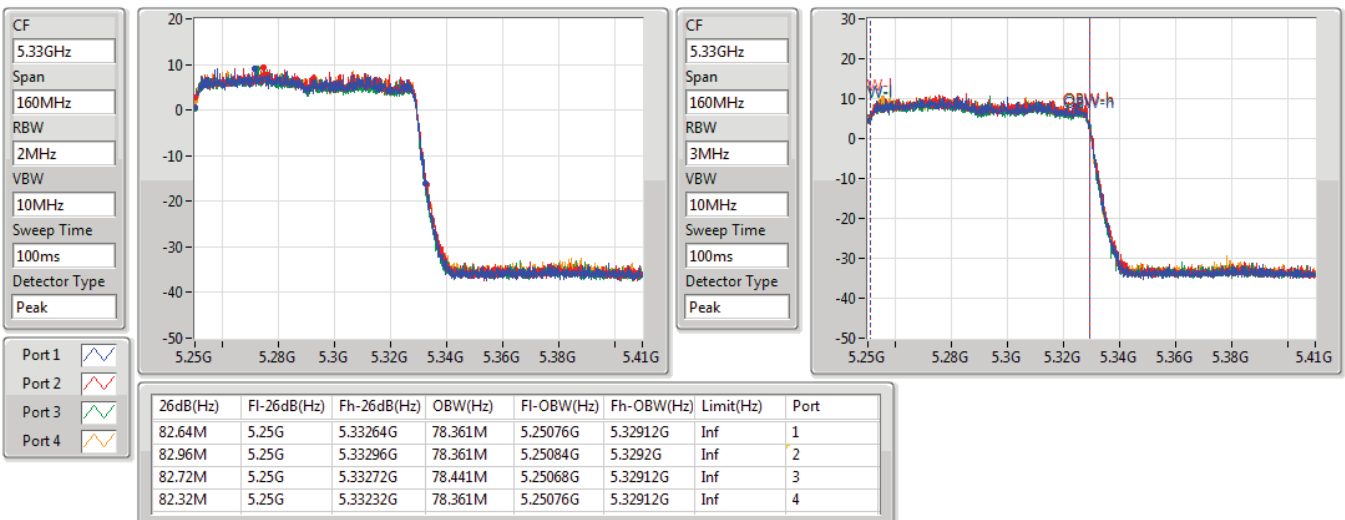


802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

29/04/2022

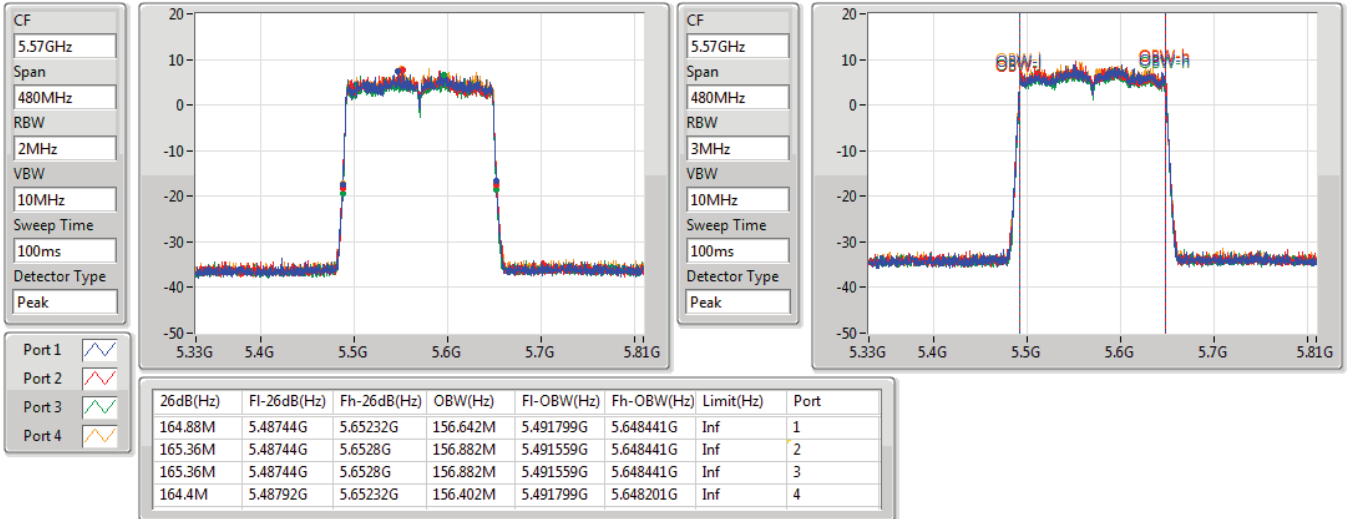


802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

5570MHz

29/04/2022



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.38M	19.25M	19M3D1D	21.15M	18.441M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	42.12M	38.261M	38M3D1D	40.02M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.08M	78.441M	78M5D1D	81.24M	75.922M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	83.84M	78.521M	78M6D1D	80.88M	77.321M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	25.98M	19.37M	19M4D1D	21.24M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	42.6M	38.201M	38M3D1D	40.38M	37.361M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	83.04M	77.841M	77M9D1D	81.36M	76.762M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	83.04M	78.761M	78M8D1D	82M	76.602M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.44M	19.64M	19M7D1D	15.63M	14.528M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	43.8M	38.381M	38M4D1D	35.07M	33.478M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	84M	78.441M	78M5D1D	75.9M	73.088M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	172.08M	157.121M	157MD1D	163.2M	155.442M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.05M	19.37M	19M4D1D	4.46M	4.678M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	38.04M	38.141M	38M2D1D	3.8M	4.138M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	75.48M	78.081M	78M1D1D	3.76M	4.158M

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.11M	19.25M	22.38M	19.13M	22.11M	19.22M	22.02M	19.22M
5200MHz	Pass	Inf	21.72M	19.04M	21.57M	19.22M	21.93M	19.13M	21.69M	19.13M
5240MHz	Pass	Inf	21.72M	19.01M	21.63M	19.1M	21.63M	19.13M	21.15M	18.441M
5260MHz	Pass	Inf	21.63M	19.07M	21.63M	19.16M	21.24M	18.891M	21.78M	19.13M
5300MHz	Pass	Inf	21.66M	19.22M	21.84M	19.13M	21.54M	19.13M	21.45M	19.04M
5320MHz	Pass	Inf	22.05M	19.19M	25.98M	19.25M	24.24M	19.37M	22.17M	19.19M
5500MHz	Pass	Inf	28.44M	19.25M	21.75M	19.64M	26.94M	19.28M	23.64M	19.22M
5580MHz	Pass	Inf	21.75M	19.28M	21.24M	18.471M	21.57M	19.13M	21.72M	19.01M
5700MHz	Pass	Inf	21.48M	19.04M	21.57M	19.22M	21.72M	19.19M	21.54M	19.07M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.63M	14.528M	15.9M	14.603M	15.84M	14.528M	15.84M	14.558M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.46M	4.698M	4.58M	4.698M	4.48M	4.718M	4.5M	4.678M
5745MHz	Pass	500k	18.6M	19.13M	19.05M	19.37M	18.93M	19.16M	18.93M	19.19M
5785MHz	Pass	500k	18.75M	19.13M	18.87M	18.981M	19.02M	19.22M	18.78M	19.04M
5825MHz	Pass	500k	18.9M	19.01M	19.02M	19.13M	18.99M	19.13M	18.9M	19.07M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	42.12M	37.901M	40.98M	38.261M	42M	38.141M	41.4M	37.841M
5230MHz	Pass	Inf	40.44M	37.781M	40.44M	37.901M	40.02M	37.481M	40.08M	38.021M
5270MHz	Pass	Inf	40.56M	37.361M	40.86M	38.021M	40.38M	38.021M	40.44M	38.081M
5310MHz	Pass	Inf	42.6M	37.781M	42.3M	38.201M	40.74M	38.141M	41.82M	37.661M
5510MHz	Pass	Inf	41.94M	37.961M	40.86M	38.081M	43.8M	38.201M	41.16M	37.721M
5550MHz	Pass	Inf	40.14M	37.721M	39.96M	37.121M	40.68M	38.381M	40.2M	37.841M
5670MHz	Pass	Inf	40.74M	38.141M	40.62M	37.961M	39.9M	37.361M	40.32M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.35M	34.073M	35.35M	33.898M	35.21M	33.828M	35.07M	33.478M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	4.158M	4.08M	4.138M	4.08M	4.138M	3.8M	4.138M
5755MHz	Pass	500k	37.38M	38.141M	33.84M	38.081M	36.72M	38.141M	38.04M	38.141M
5795MHz	Pass	500k	36.84M	38.141M	36.3M	37.961M	37.86M	38.081M	37.44M	38.021M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.36M	75.922M	81.72M	77.841M	81.24M	76.882M	82.08M	78.441M
5290MHz	Pass	Inf	81.36M	76.762M	81.72M	77.721M	81.6M	77.481M	83.04M	77.841M
5530MHz	Pass	Inf	81.96M	77.001M	83.76M	78.201M	81.36M	77.841M	84M	78.441M
5610MHz	Pass	Inf	81.84M	77.721M	80.64M	76.762M	81.12M	77.481M	81.72M	78.081M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.05M	73.538M	75.9M	73.088M	75.9M	73.163M	75.975M	73.538M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	4.158M	4.04M	4.178M	3.82M	4.158M	3.98M	4.198M
5775MHz	Pass	500k	32.52M	77.241M	4.32M	77.601M	75.48M	78.081M	72.6M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	83.84M	78.041M	80.88M	78.281M	83.2M	77.321M	83.2M	78.521M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82M	76.602M	82.56M	78.281M	82.64M	78.281M	83.04M	78.761M
5570MHz	Pass	Inf	163.2M	155.442M	168M	156.882M	172.08M	157.121M	163.44M	156.402M

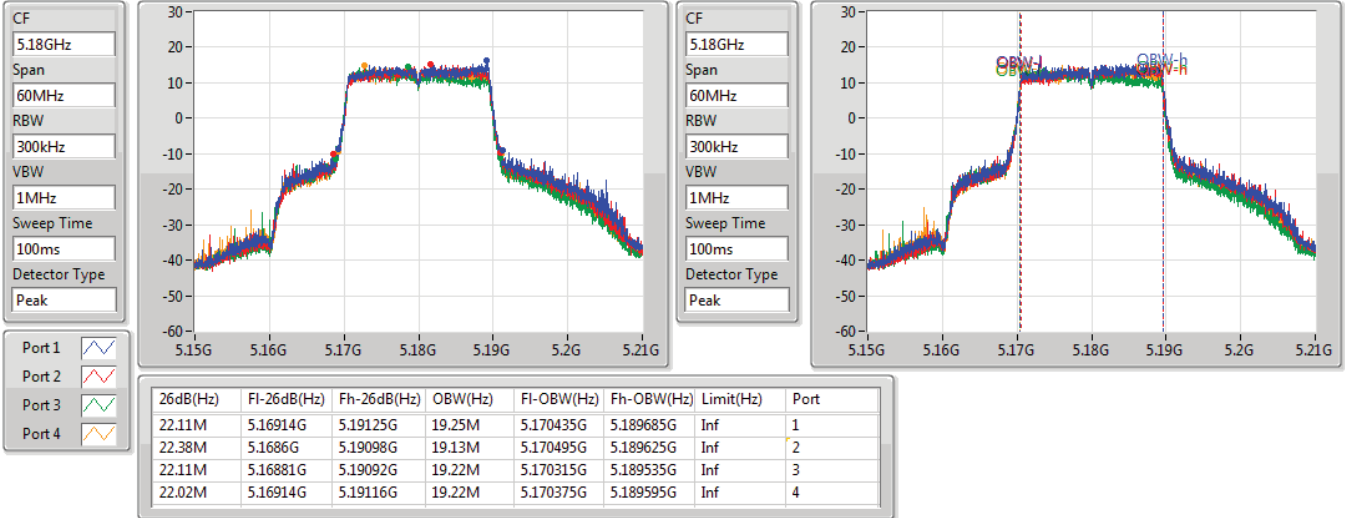
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5180MHz

11/05/2022

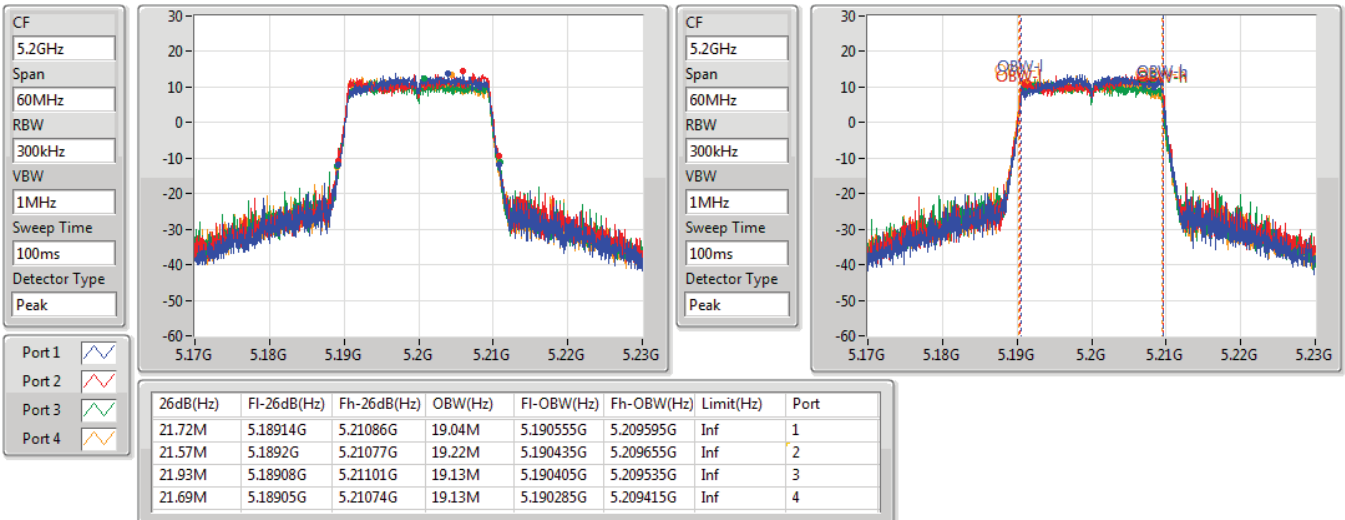


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5200MHz

11/05/2022

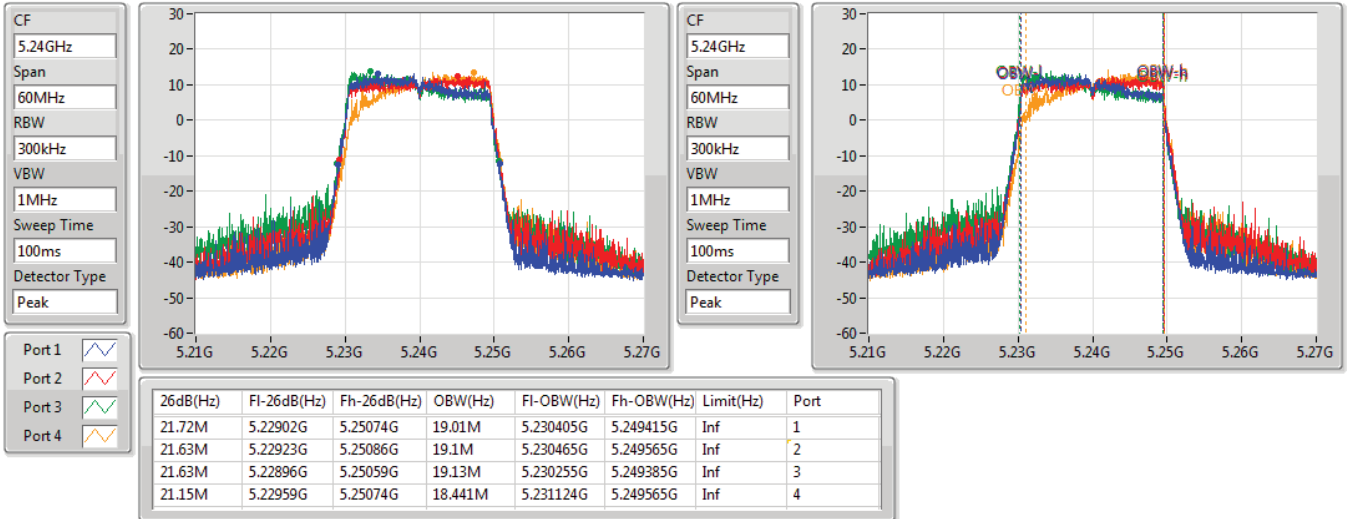


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5240MHz

11/05/2022

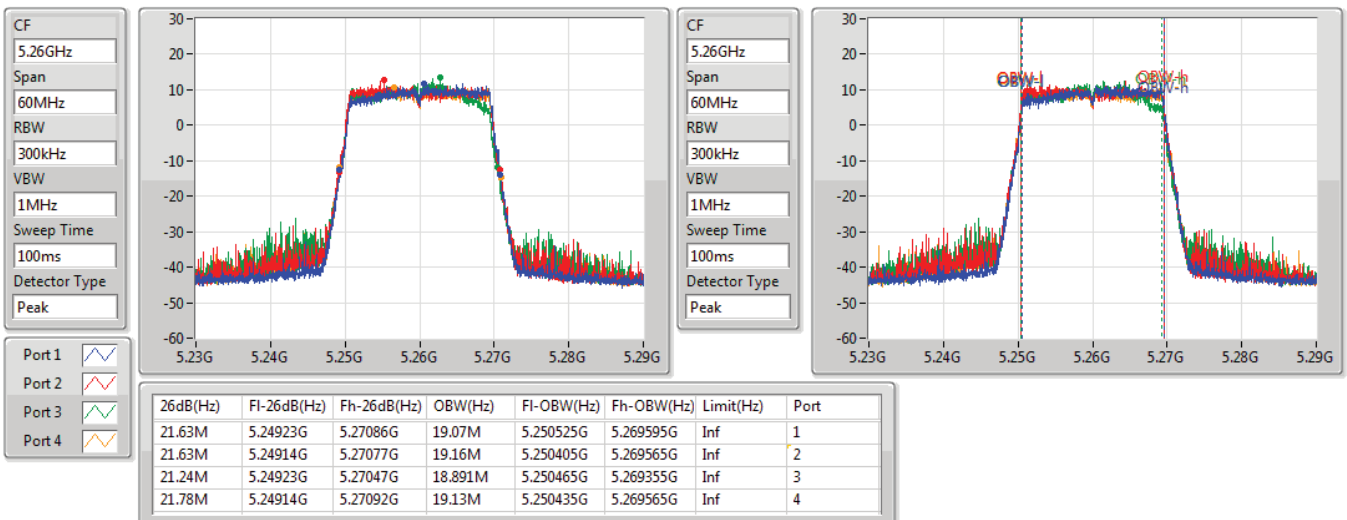


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

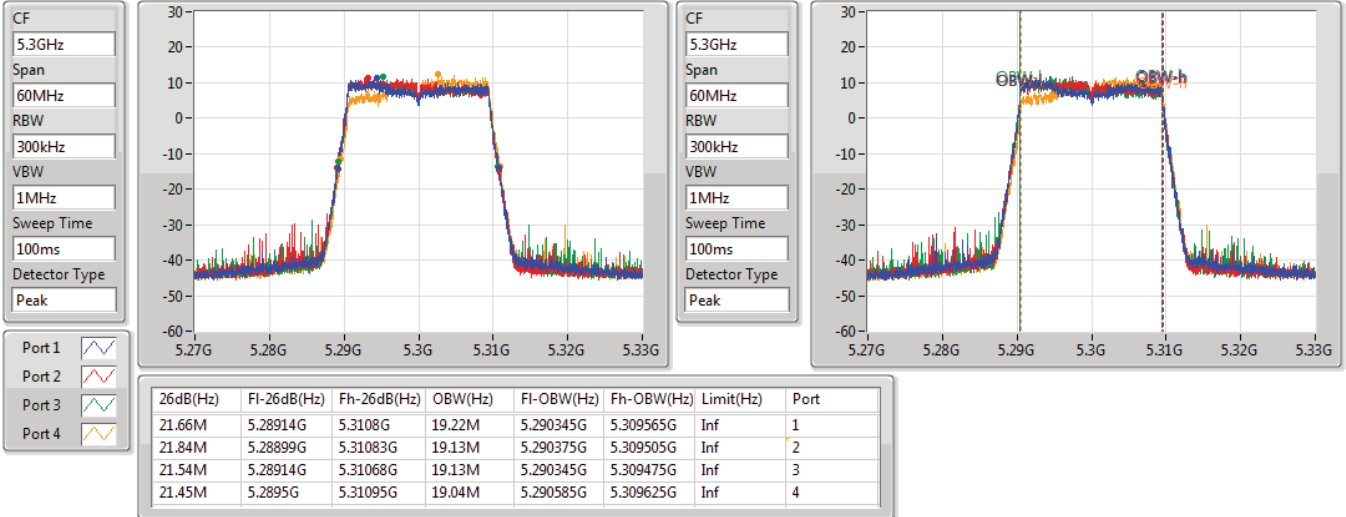
5260MHz

11/05/2022

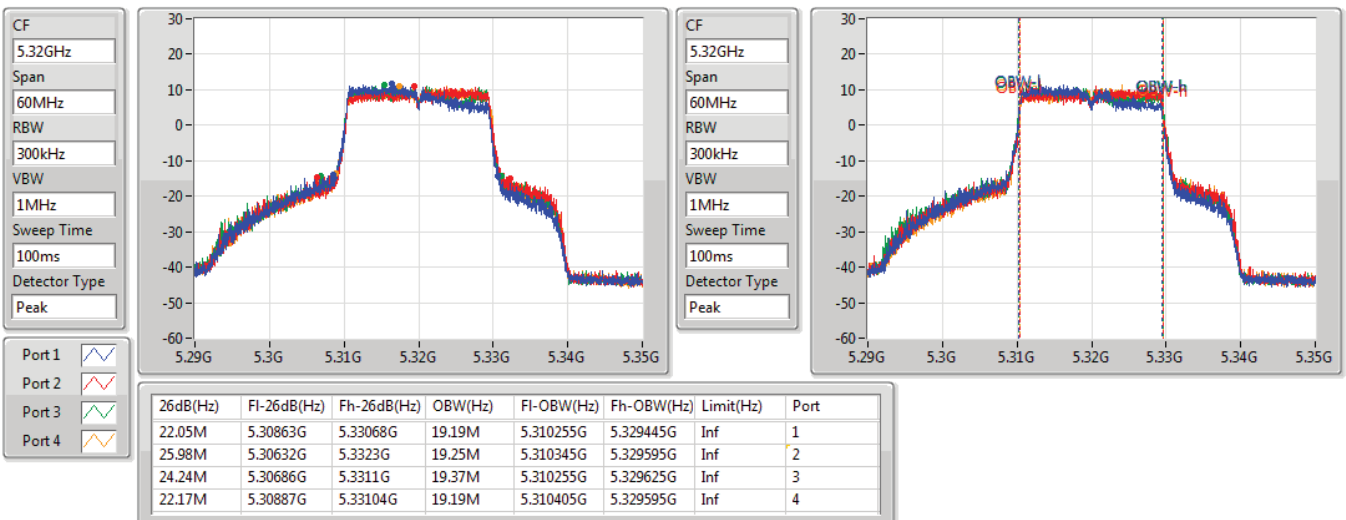


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5300MHz

11/05/2022

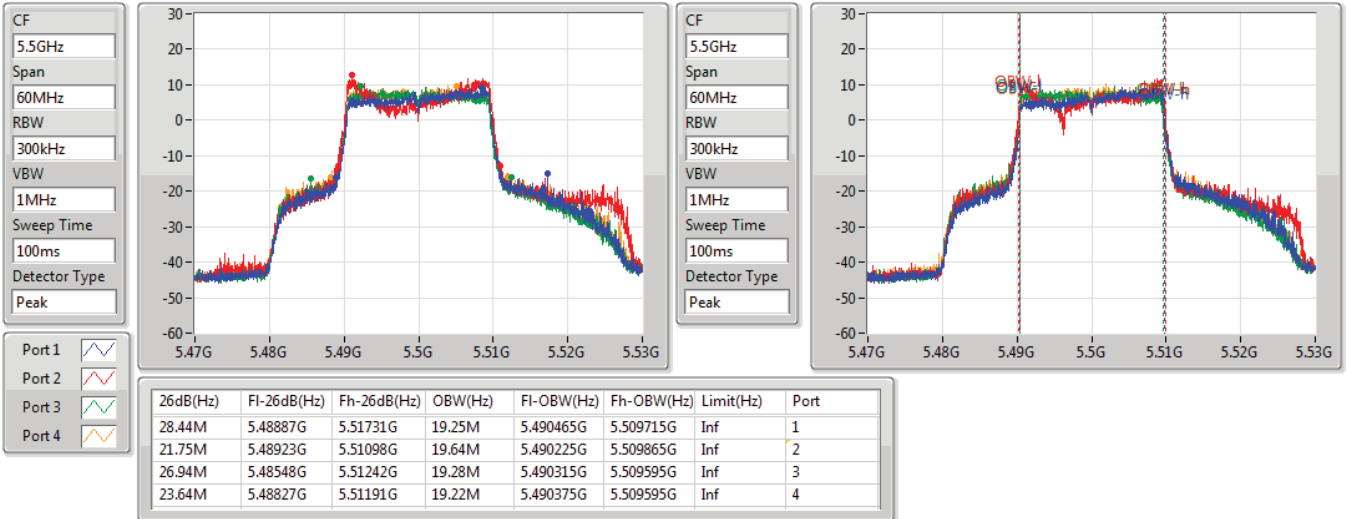

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5320MHz

11/05/2022

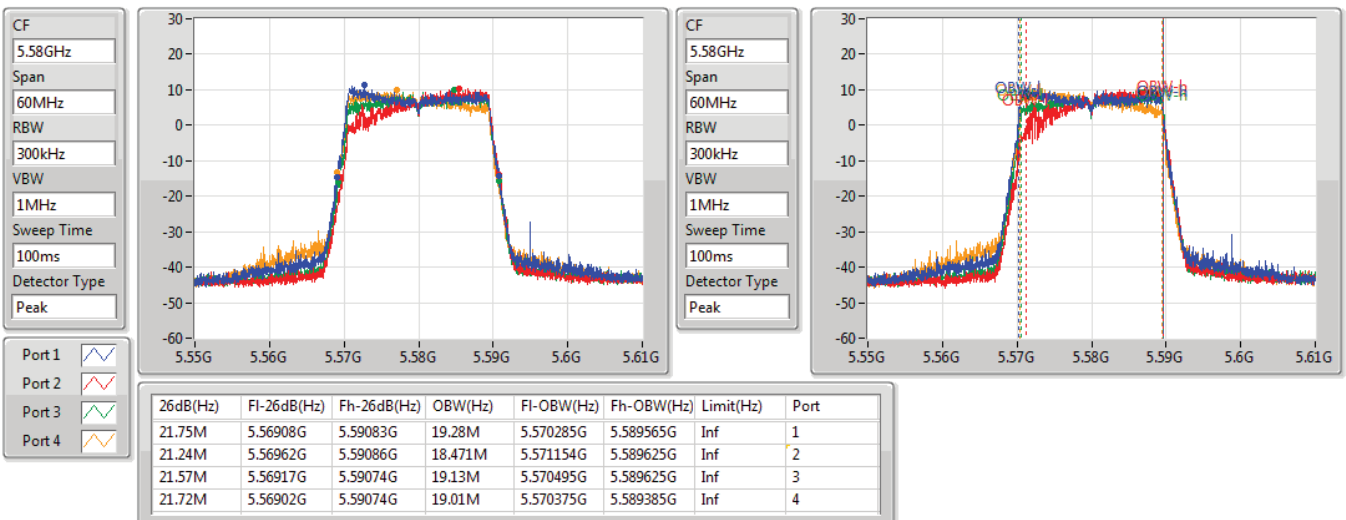


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5500MHz

11/05/2022


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5580MHz

11/05/2022

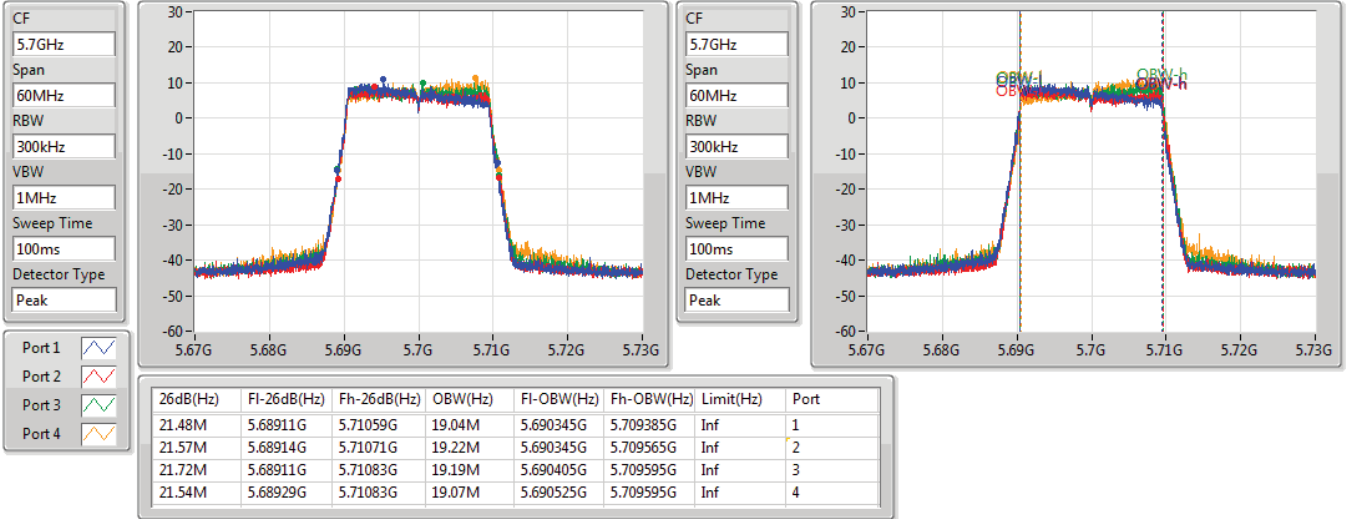


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5700MHz

11/05/2022

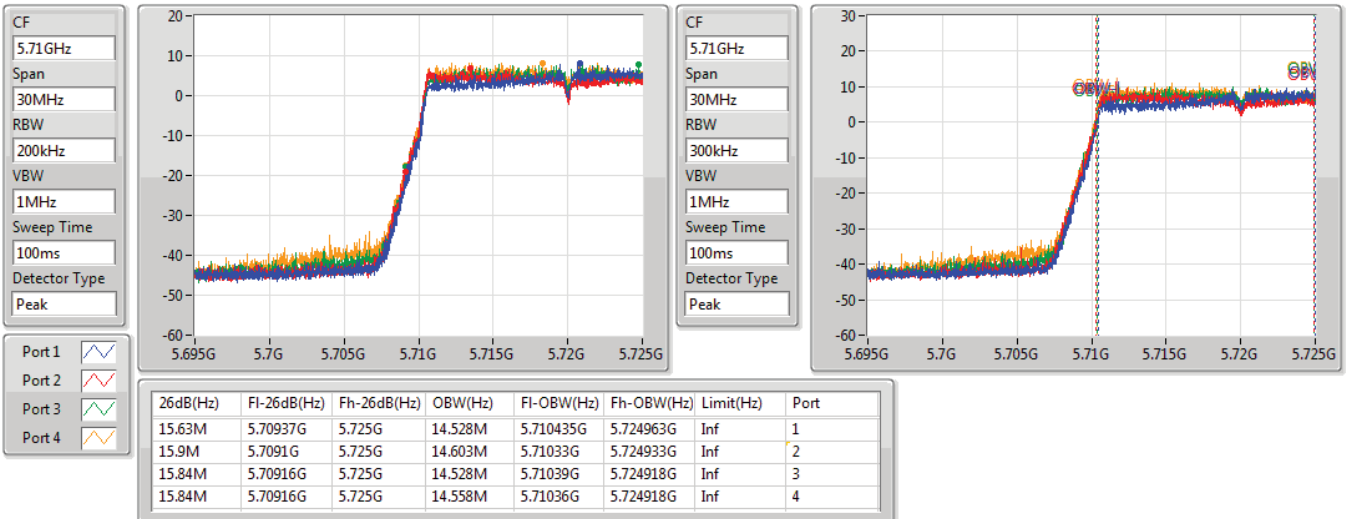


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

11/05/2022

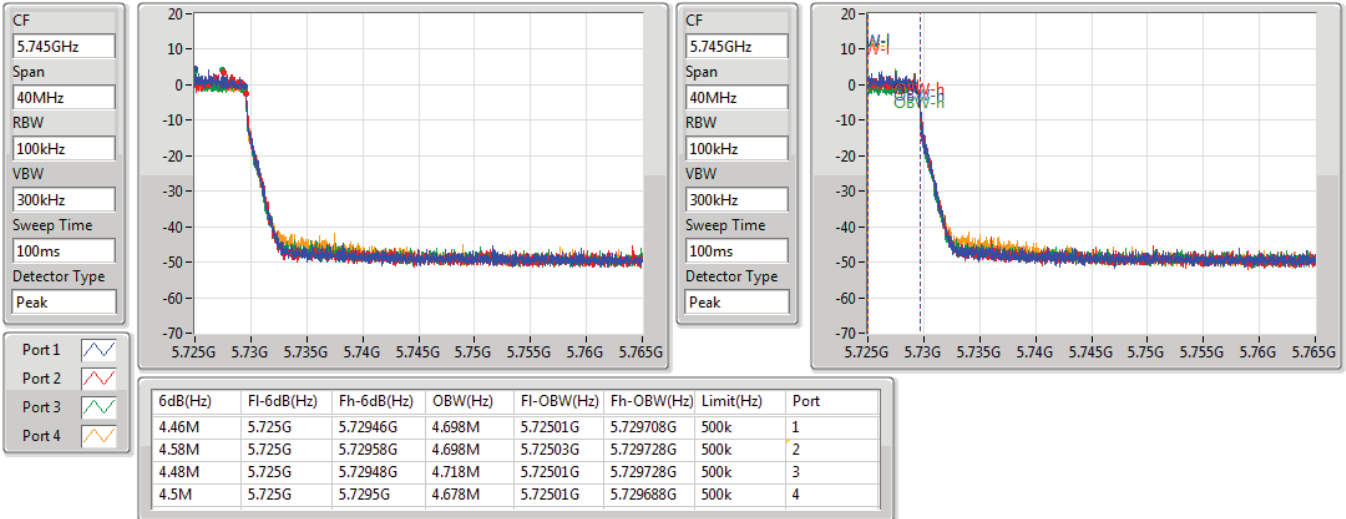


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

11/05/2022

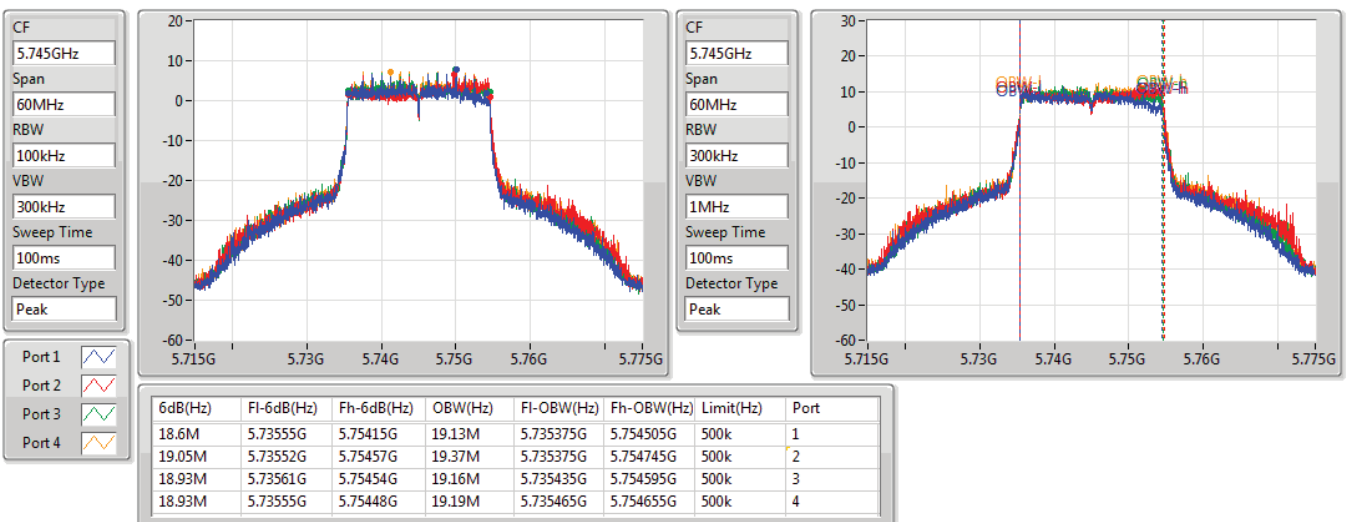


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5745MHz

11/05/2022

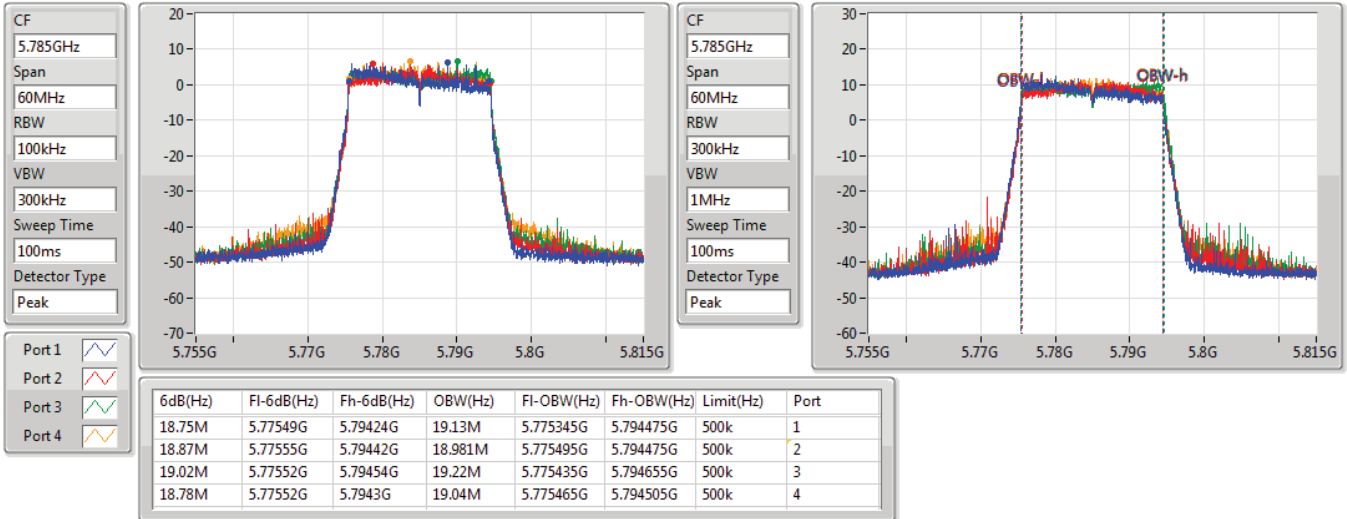


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5785MHz

11/05/2022

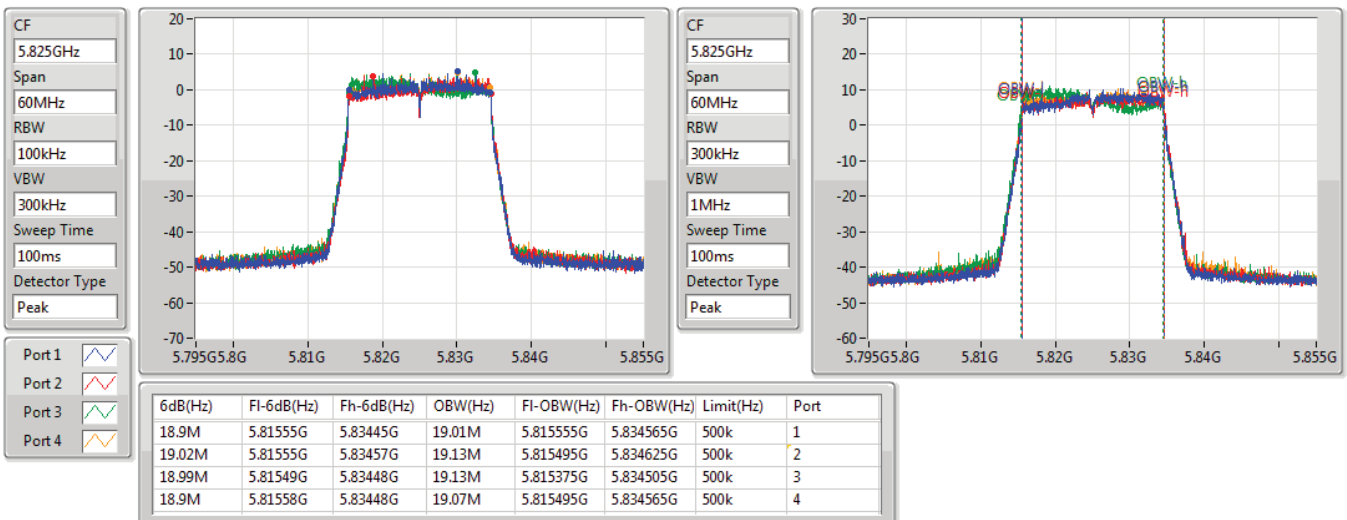


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5825MHz

11/05/2022

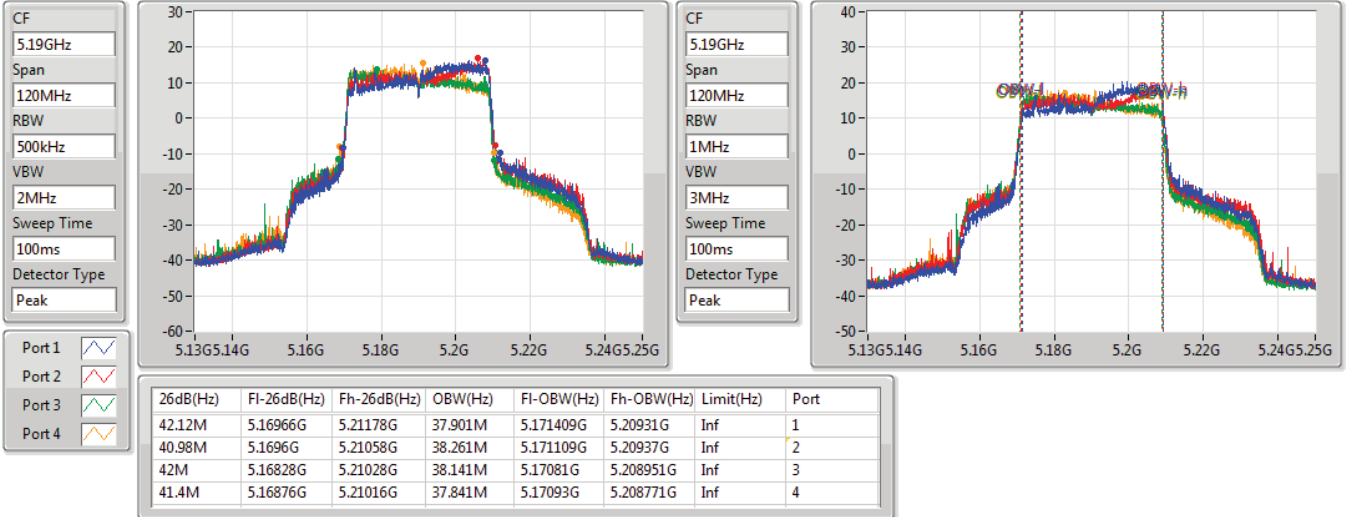


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5190MHz

11/05/2022

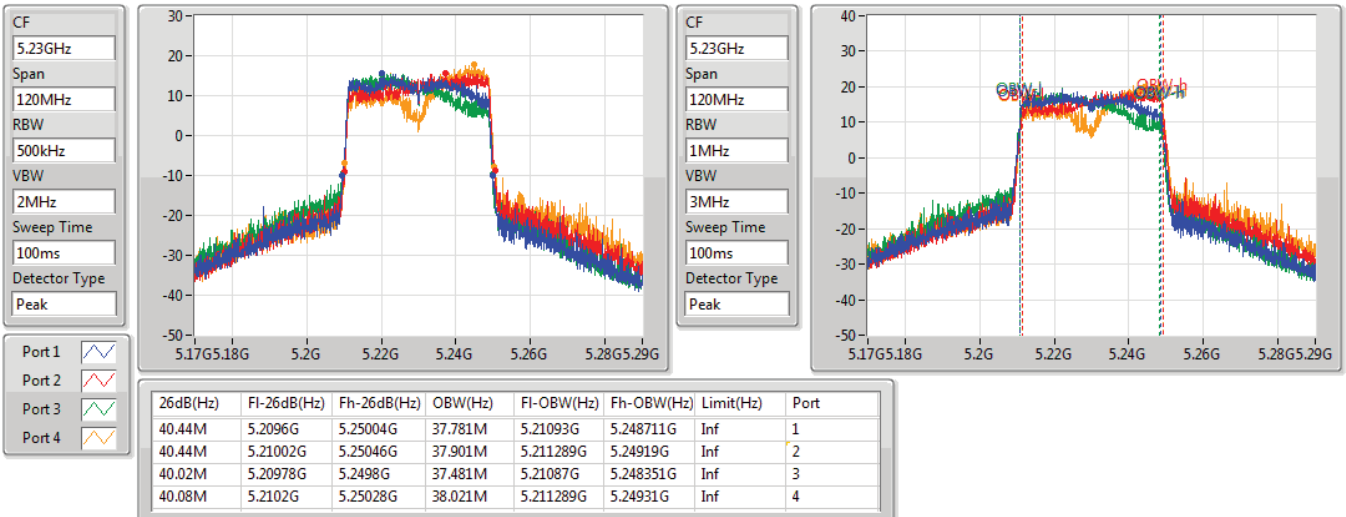


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5230MHz

11/05/2022

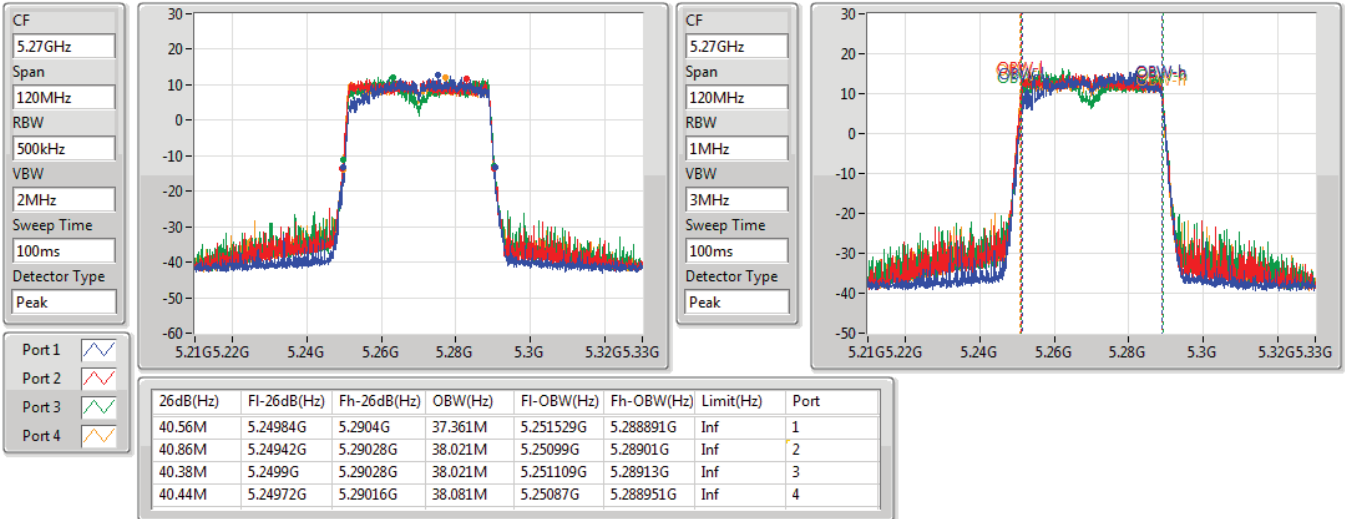


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5270MHz

11/05/2022

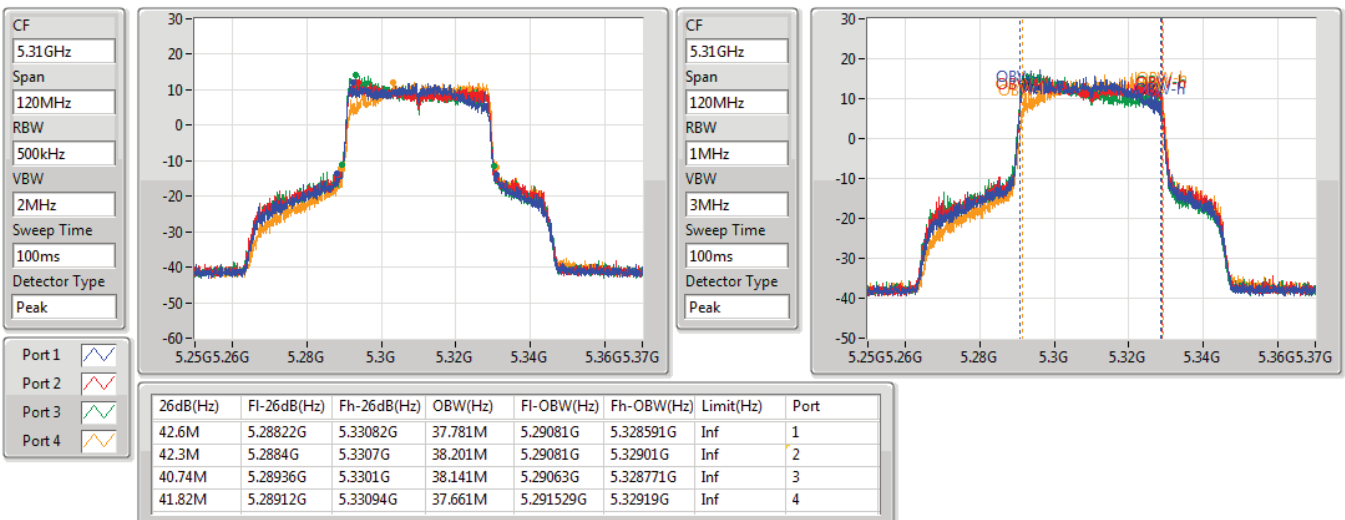


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5310MHz

11/05/2022

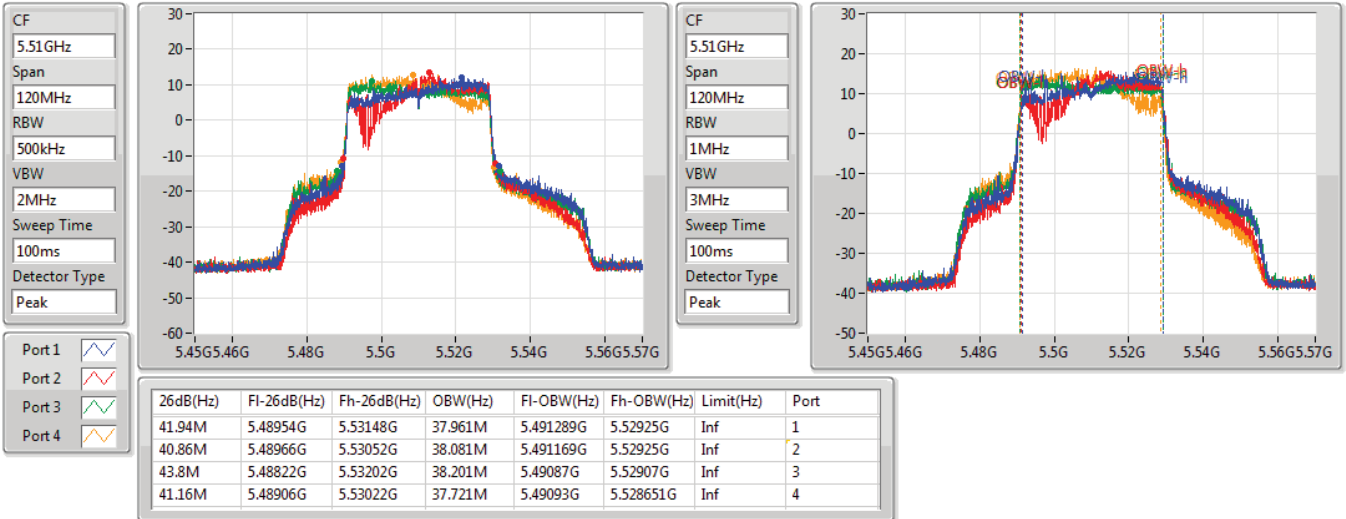


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5510MHz

11/05/2022

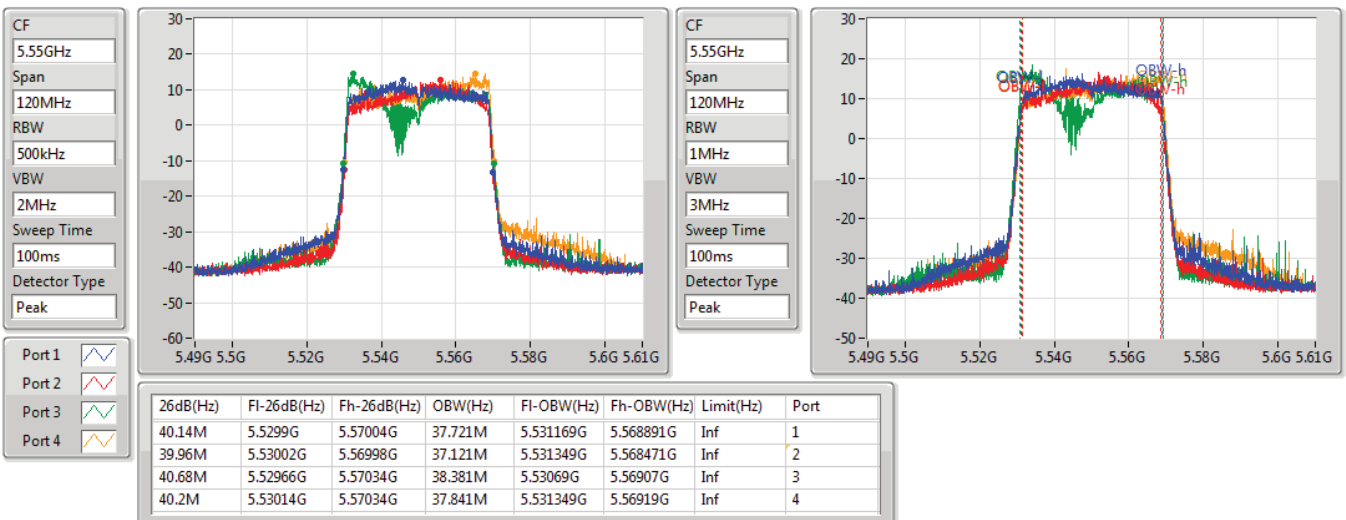


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5550MHz

12/05/2022

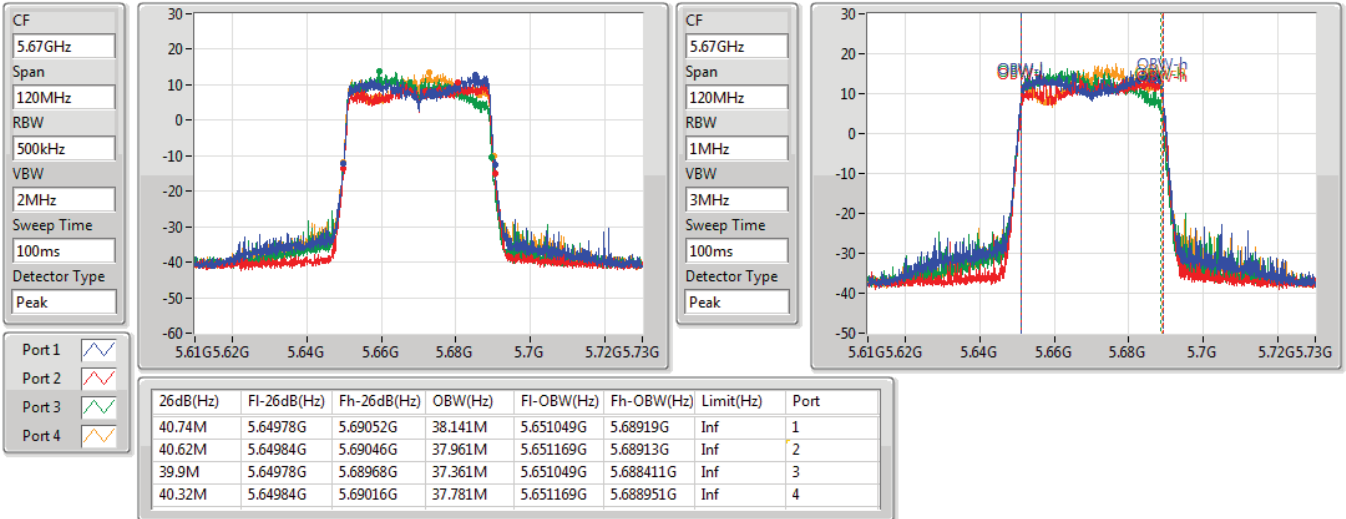


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5670MHz

12/05/2022

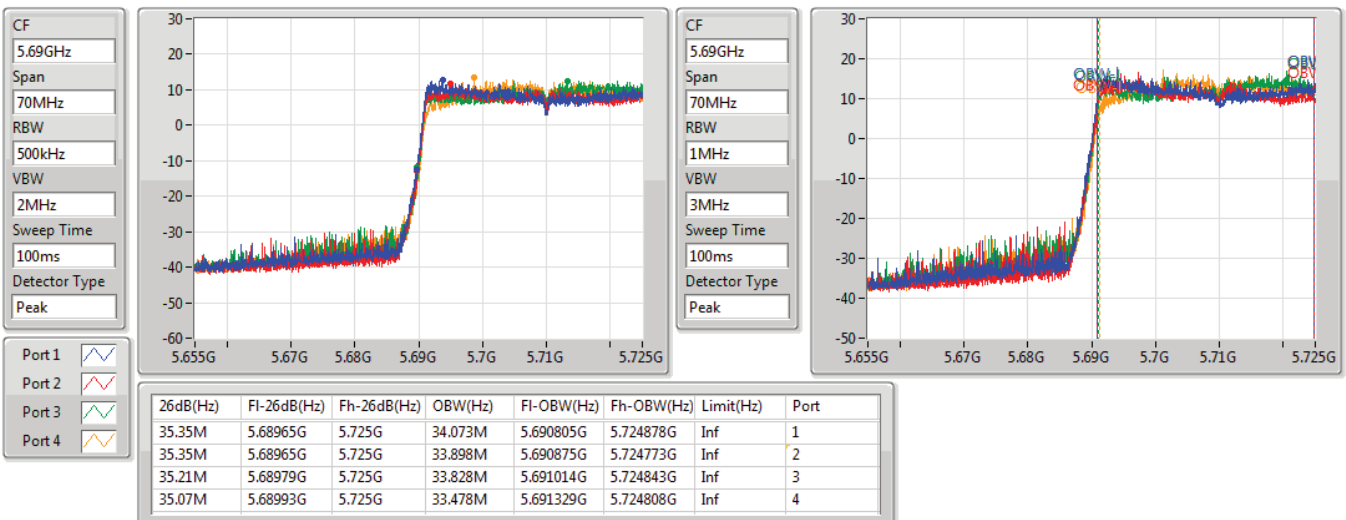


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

12/05/2022

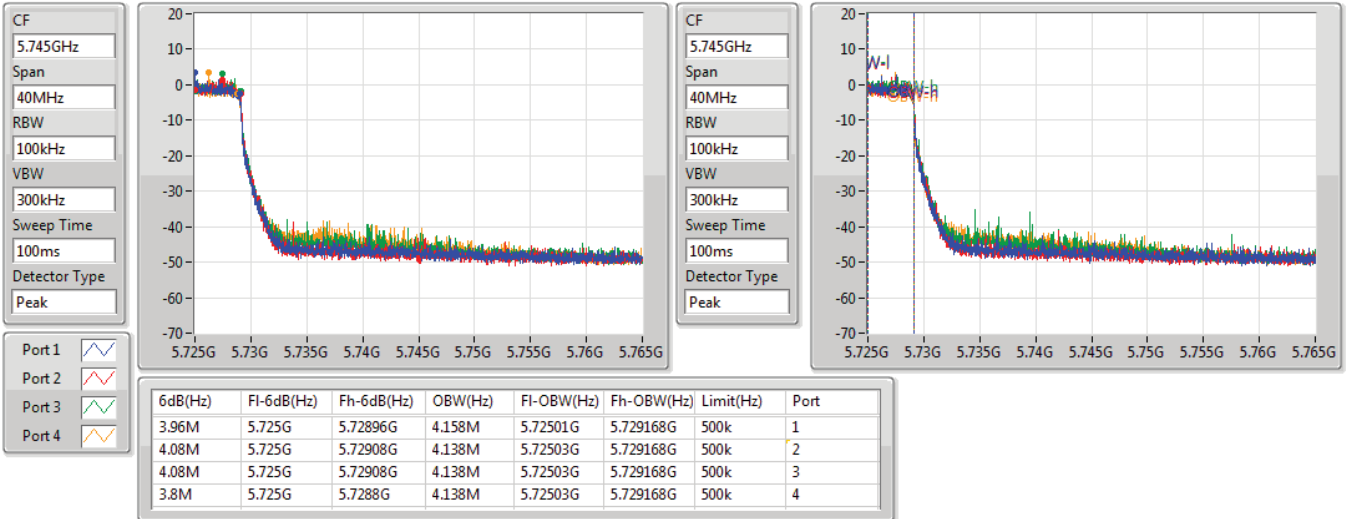


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

12/05/2022

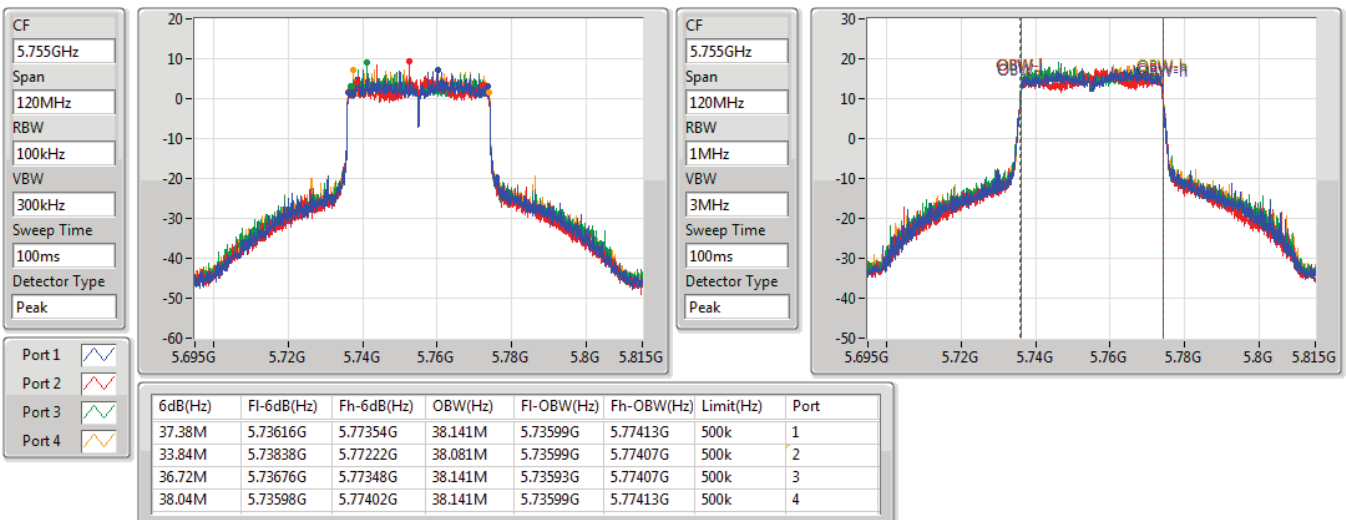


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5755MHz

12/05/2022

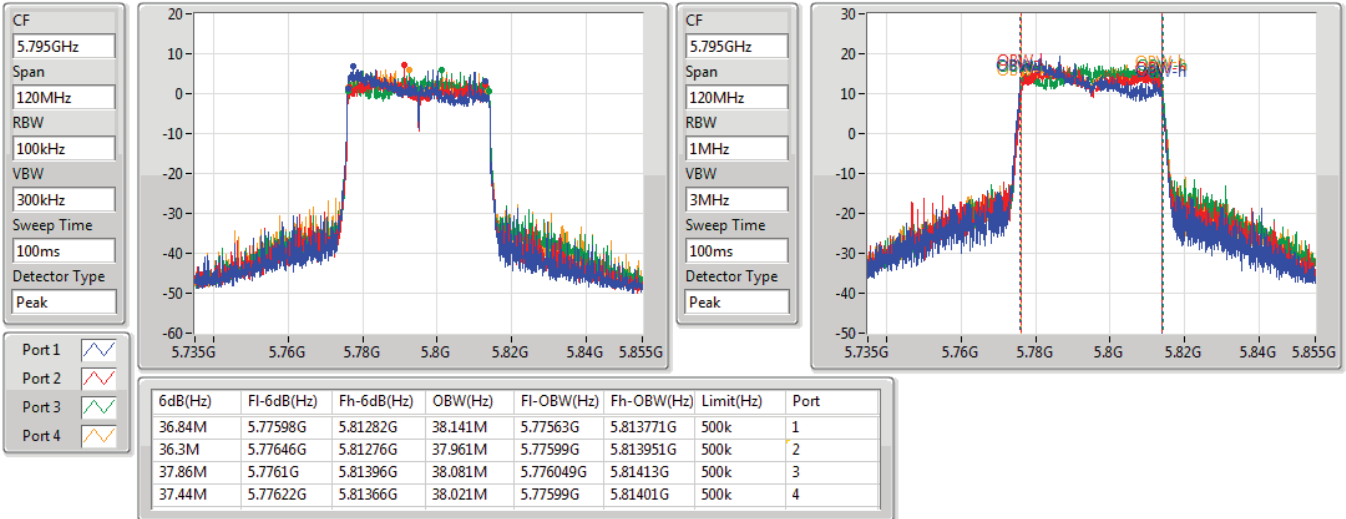


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5795MHz

12/05/2022

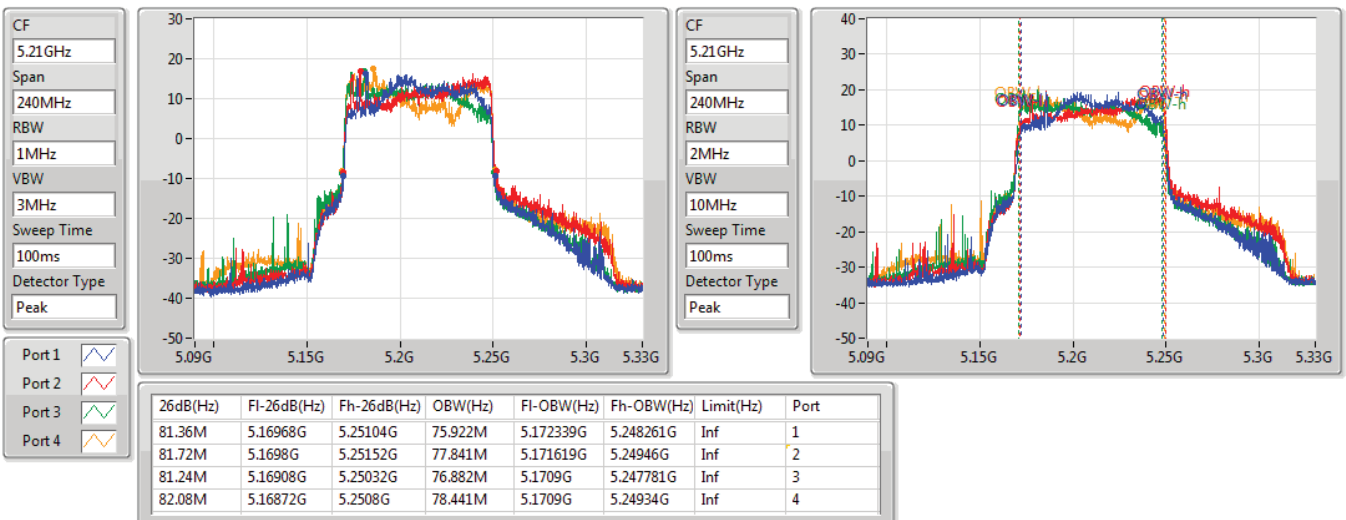


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

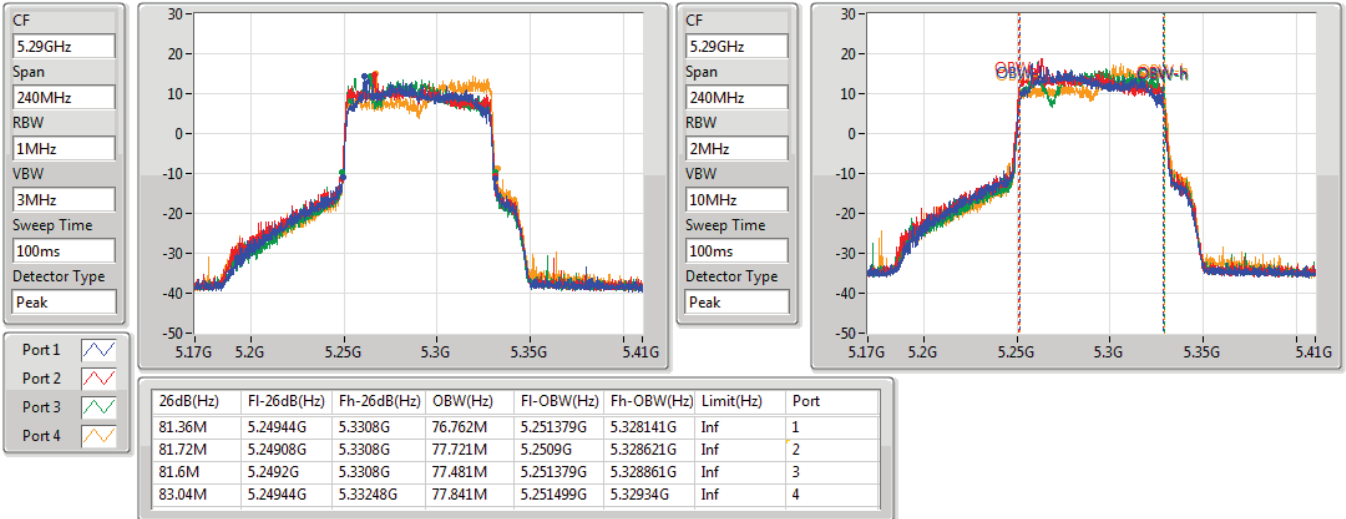
5210MHz

12/05/2022

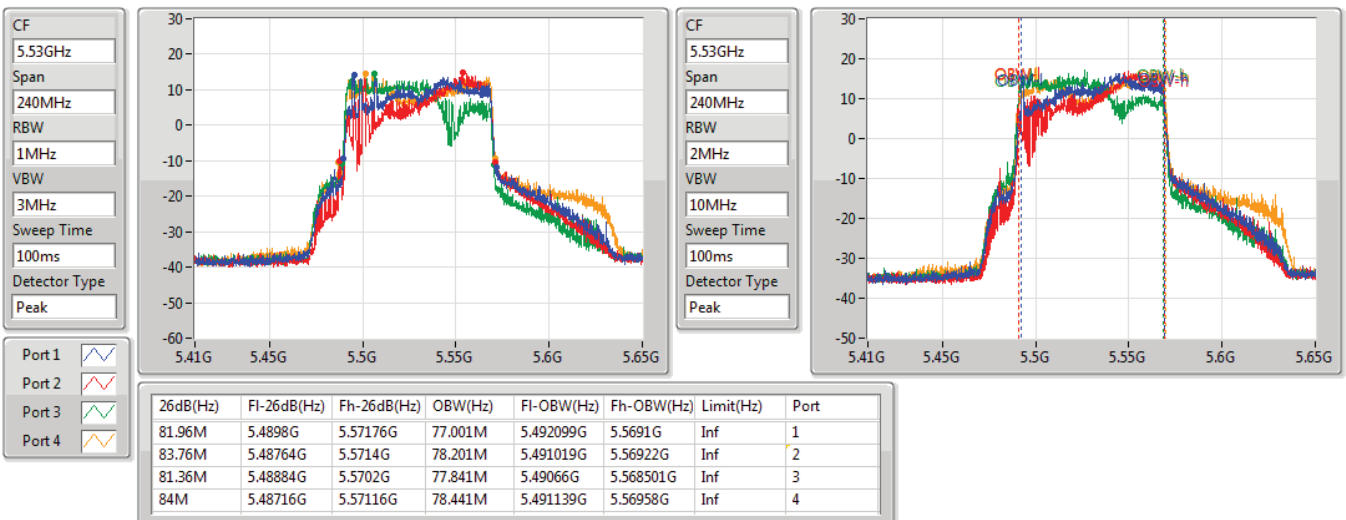


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5290MHz

12/05/2022


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5530MHz

12/05/2022



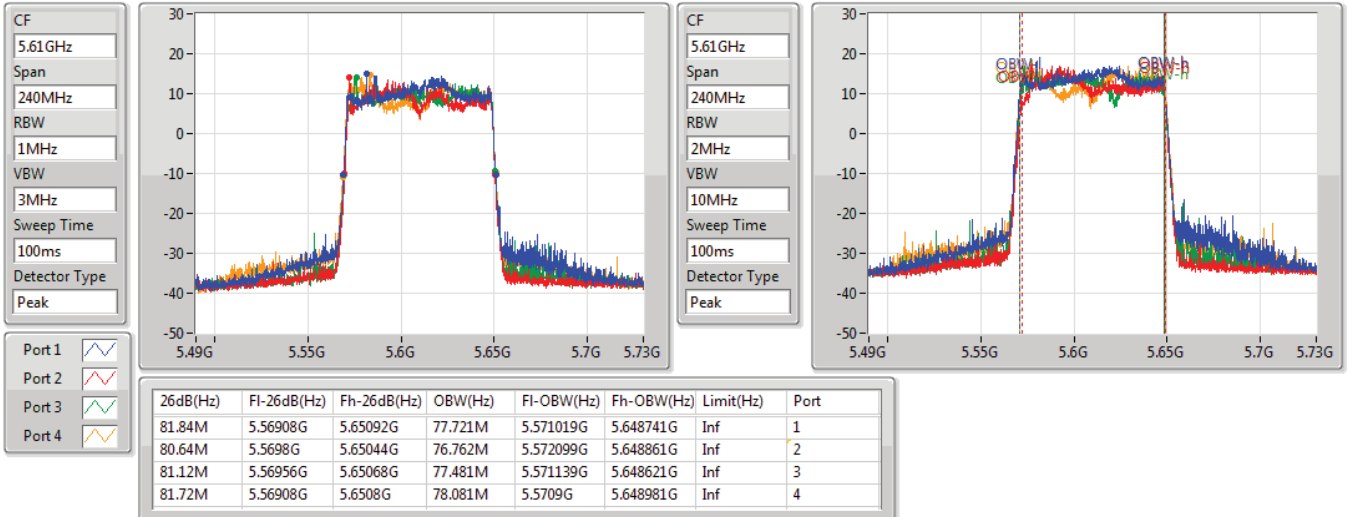


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5610MHz

12/05/2022

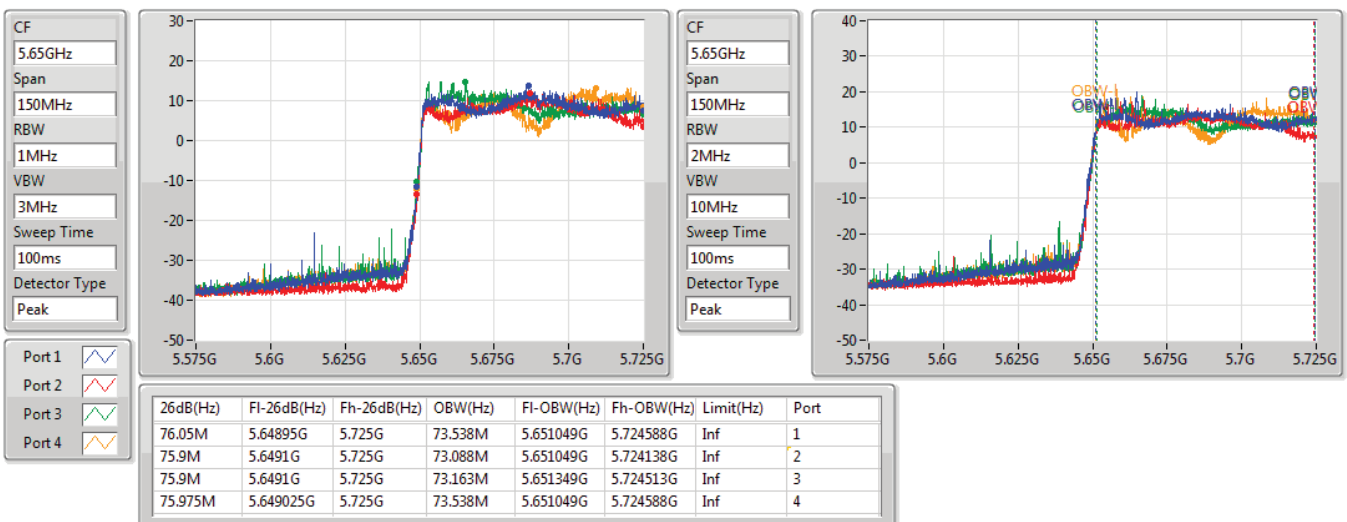


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

12/05/2022

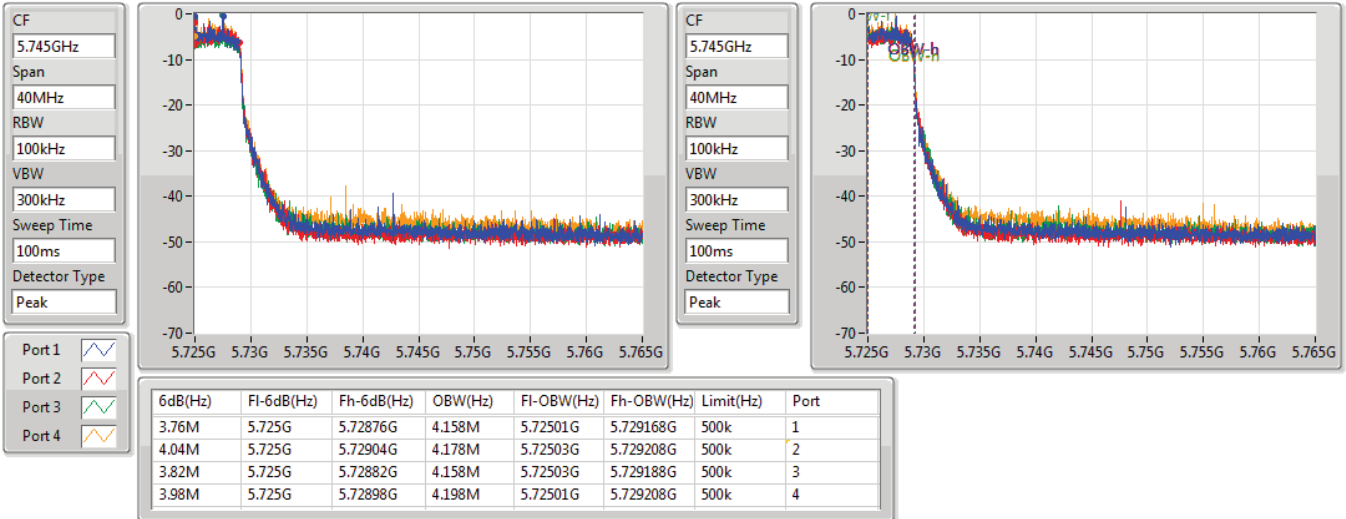


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

12/05/2022

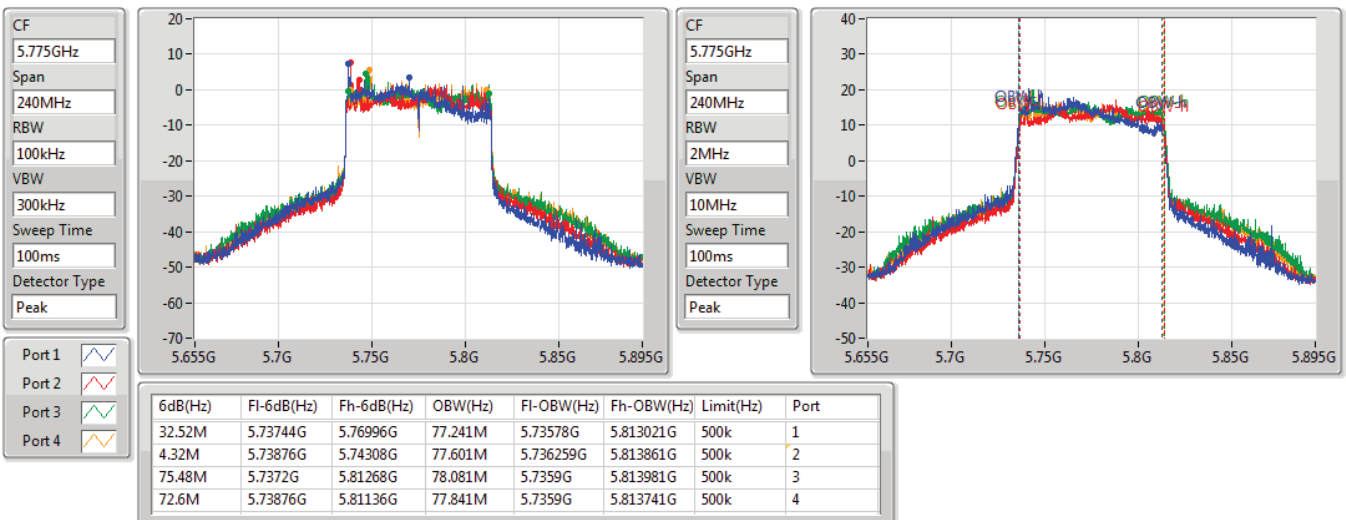


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5775MHz

12/05/2022

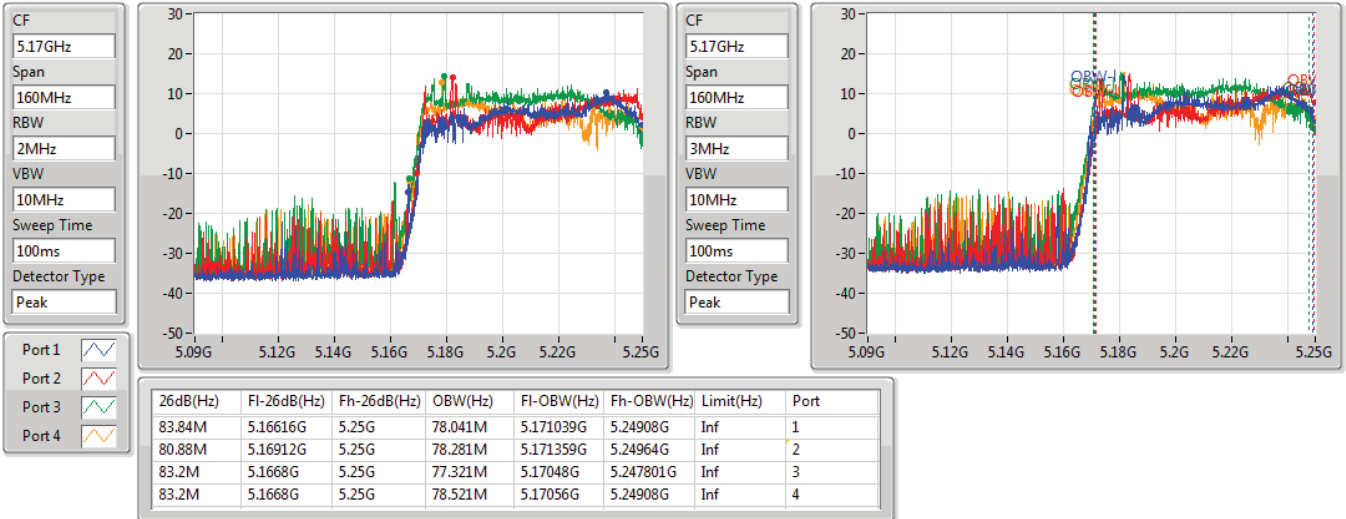


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

12/05/2022

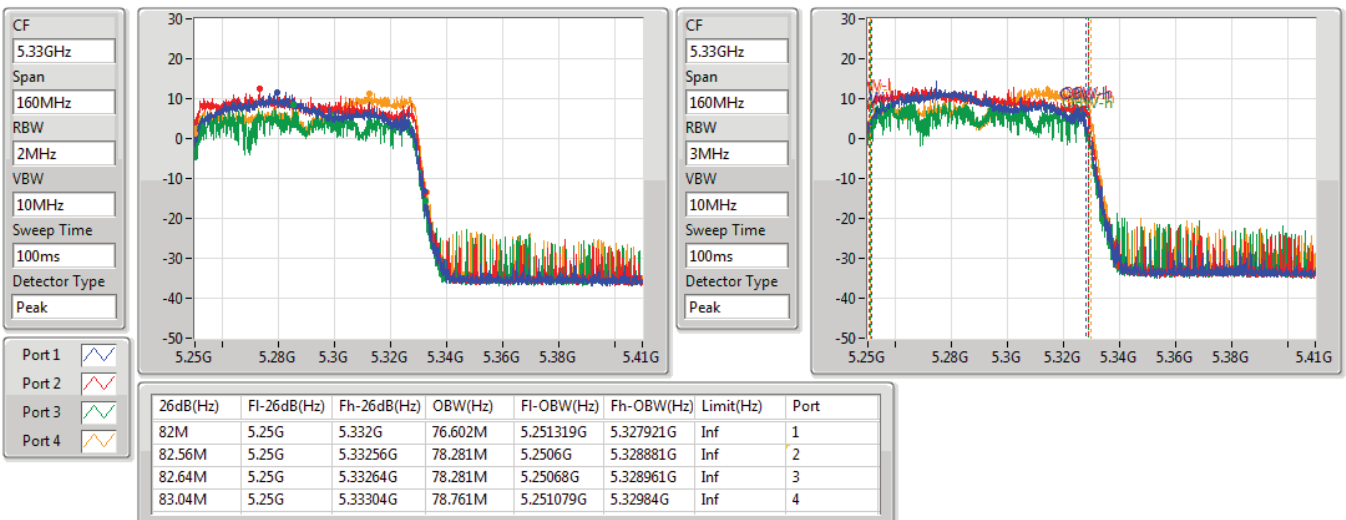


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

12/05/2022

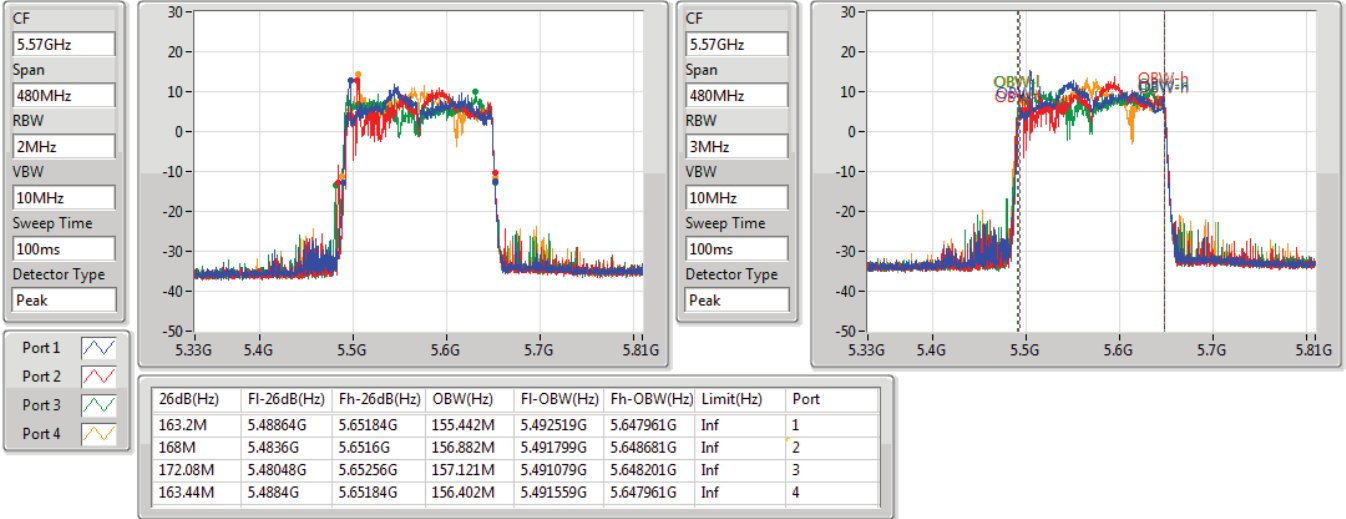


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

5570MHz

12/05/2022



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	25.81	0.38107	28.68	0.73790
802.11ax HEW20_Nss1,(MCS0)_4TX	27.24	0.52966	30.11	1.02565
802.11ax HEW40_Nss1,(MCS0)_4TX	26.76	0.47424	29.63	0.91833
802.11ax HEW80_Nss1,(MCS0)_4TX	24.51	0.28249	27.38	0.54702
802.11ax HEW160_Nss1,(MCS0)_4TX	17.82	0.06053	20.69	0.11722
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	23.68	0.23335	26.43	0.43954
802.11ax HEW20_Nss1,(MCS0)_4TX	23.73	0.23605	26.48	0.44463
802.11ax HEW40_Nss1,(MCS0)_4TX	23.96	0.24889	26.71	0.46881
802.11ax HEW80_Nss1,(MCS0)_4TX	23.82	0.24099	26.57	0.45394
802.11ax HEW160_Nss1,(MCS0)_4TX	17.97	0.06266	20.72	0.11803
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.95	0.15668	24.84	0.30479
802.11ax HEW20_Nss1,(MCS0)_4TX	22.16	0.16444	25.05	0.31989
802.11ax HEW40_Nss1,(MCS0)_4TX	23.22	0.20989	26.11	0.40832
802.11ax HEW80_Nss1,(MCS0)_4TX	23.87	0.24378	26.76	0.47424
802.11ax HEW160_Nss1,(MCS0)_4TX	19.09	0.08110	21.98	0.15776
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	23.04	0.20137	25.47	0.35237
802.11ax HEW20_Nss1,(MCS0)_4TX	23.70	0.23442	26.13	0.41020
802.11ax HEW40_Nss1,(MCS0)_4TX	24.41	0.27606	26.84	0.48306
802.11ax HEW80_Nss1,(MCS0)_4TX	25.72	0.37325	28.15	0.65313



Average Power_Non-Beamforming

Appendix C.1

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	2.87	19.78	20.08	19.45	19.82	25.81	30.00	28.68	36.00
5200MHz	Pass	2.87	18.55	18.77	18.12	18.42	24.49	30.00	27.36	36.00
5240MHz	Pass	2.87	18.36	18.73	18.14	18.35	24.42	30.00	27.29	36.00
5260MHz	Pass	2.75	17.67	17.93	17.17	17.83	23.68	23.98	26.43	30.00
5300MHz	Pass	2.75	16.52	17.05	16.24	16.49	22.61	23.98	25.36	30.00
5320MHz	Pass	2.75	17.03	17.44	16.75	16.98	23.08	23.98	25.83	30.00
5500MHz	Pass	2.89	15.94	15.76	15.81	16.21	21.95	23.98	24.84	30.00
5580MHz	Pass	2.89	15.43	15.08	15.23	15.79	21.41	23.98	24.30	30.00
5700MHz	Pass	2.89	16.08	15.17	15.48	16.19	21.77	23.98	24.66	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.89	15.32	14.53	14.92	15.43	21.08	22.94	23.97	28.94
5720MHz Straddle 5.725-5.85GHz	Pass	2.43	9.14	8.18	8.51	9.41	14.86	30.00	17.29	36.00
5745MHz	Pass	2.43	16.36	16.16	16.29	17.20	22.54	30.00	24.97	36.00
5785MHz	Pass	2.43	16.58	16.41	16.55	17.35	22.76	30.00	25.19	36.00
5825MHz	Pass	2.43	16.92	16.62	16.92	17.57	23.04	30.00	25.47	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	2.87	21.08	21.68	20.96	21.14	27.24	30.00	30.11	36.00
5200MHz	Pass	2.87	18.61	18.97	18.23	18.61	24.63	30.00	27.50	36.00
5240MHz	Pass	2.87	17.83	18.11	17.39	17.91	23.84	30.00	26.71	36.00
5260MHz	Pass	2.75	17.78	17.97	17.30	17.75	23.73	23.98	26.48	30.00
5300MHz	Pass	2.75	16.66	17.15	16.39	16.75	22.77	23.98	25.52	30.00
5320MHz	Pass	2.75	17.22	17.57	16.80	17.31	23.25	23.98	26.00	30.00
5500MHz	Pass	2.89	16.12	15.96	16.18	16.31	22.16	23.98	25.05	30.00
5580MHz	Pass	2.89	16.00	15.72	15.86	16.22	21.97	23.98	24.86	30.00
5700MHz	Pass	2.89	16.28	15.48	15.74	16.54	22.05	23.98	24.94	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.89	15.72	14.96	15.33	15.90	21.51	22.98	24.40	28.98
5720MHz Straddle 5.725-5.85GHz	Pass	2.43	10.47	9.59	10.06	10.67	16.24	30.00	18.67	36.00
5745MHz	Pass	2.43	17.52	17.33	17.65	18.18	23.70	30.00	26.13	36.00
5785MHz	Pass	2.43	16.62	16.56	16.72	17.41	22.86	30.00	25.29	36.00
5825MHz	Pass	2.43	16.36	16.28	16.41	17.42	22.66	30.00	25.09	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	2.87	18.61	18.60	17.89	18.77	24.50	30.00	27.37	36.00
5230MHz	Pass	2.87	20.74	21.08	20.37	20.73	26.76	30.00	29.63	36.00
5270MHz	Pass	2.75	17.75	18.05	17.32	18.08	23.83	23.98	26.58	30.00
5310MHz	Pass	2.75	17.93	18.22	17.44	18.12	23.96	23.98	26.71	30.00
5510MHz	Pass	2.89	17.37	17.06	16.86	17.48	23.22	23.98	26.11	30.00
5550MHz	Pass	2.89	16.49	16.43	16.22	16.75	22.50	23.98	25.39	30.00
5670MHz	Pass	2.89	17.19	16.63	17.12	17.63	23.18	23.98	26.07	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	2.89	16.62	16.10	16.76	17.22	22.71	23.98	25.60	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	2.43	7.03	6.18	7.07	7.54	13.00	30.00	15.43	36.00
5755MHz	Pass	2.43	18.32	17.52	18.41	19.14	24.41	30.00	26.84	36.00
5795MHz	Pass	2.43	17.56	17.19	17.81	18.52	23.82	30.00	26.25	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	2.87	18.32	18.74	18.34	18.53	24.51	30.00	27.38	36.00
5290MHz	Pass	2.75	17.80	17.87	17.37	18.12	23.82	23.98	26.57	30.00
5530MHz	Pass	2.89	16.31	15.90	16.53	16.52	22.34	23.98	25.23	30.00
5610MHz	Pass	2.89	17.83	17.38	17.75	18.11	23.80	23.98	26.69	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	2.89	18.04	17.38	17.87	18.06	23.87	23.98	26.76	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	2.43	4.82	3.90	4.76	5.13	10.70	30.00	13.13	36.00
5775MHz	Pass	2.43	19.68	19.19	19.71	20.16	25.72	30.00	28.15	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	2.87	11.57	11.97	11.79	11.84	17.82	30.00	20.69	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	2.75	11.90	12.24	11.64	12.01	17.97	23.98	20.72	30.00
5570MHz	Pass	2.89	12.98	13.02	12.62	13.59	19.09	23.98	21.98	30.00



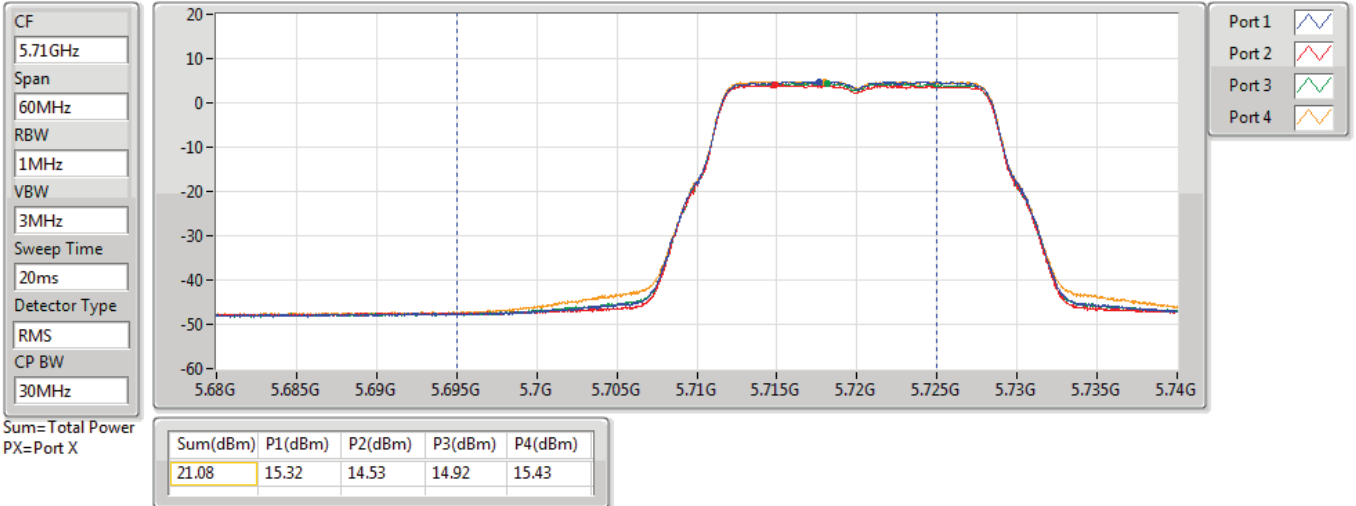
DG = Directional Gain; Port X = Port X output power

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

29/04/2022

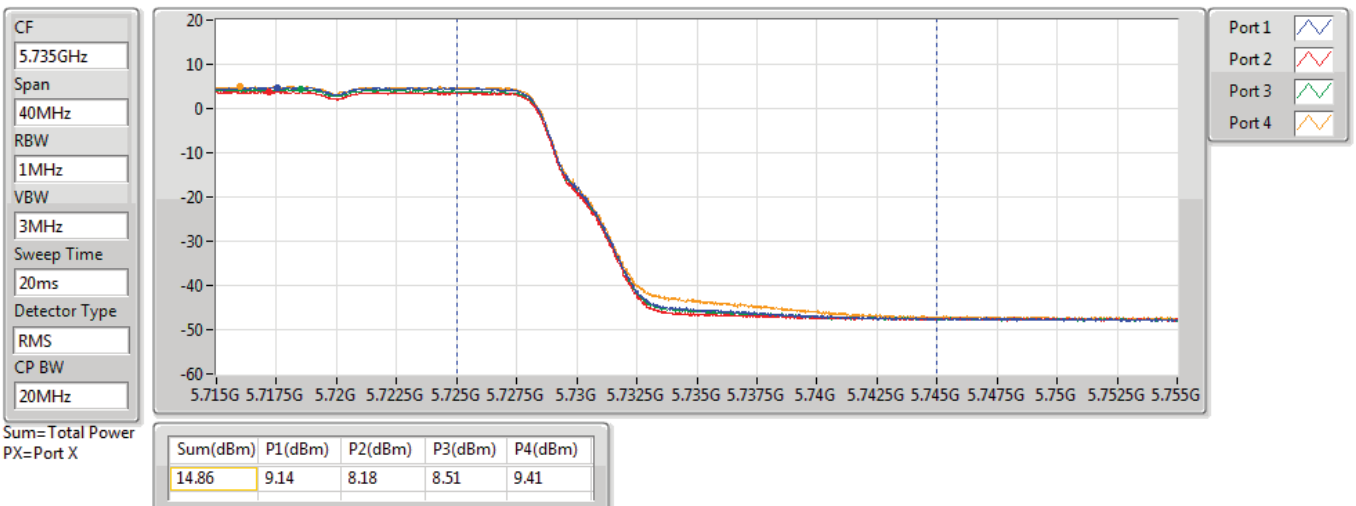


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

29/04/2022



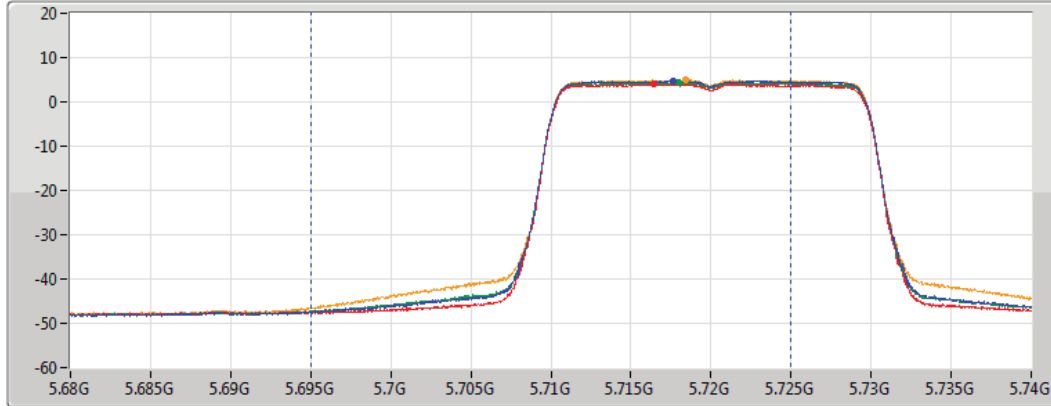
802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

29/04/2022

CF
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
30MHz



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.51	15.72	14.96	15.33	15.90

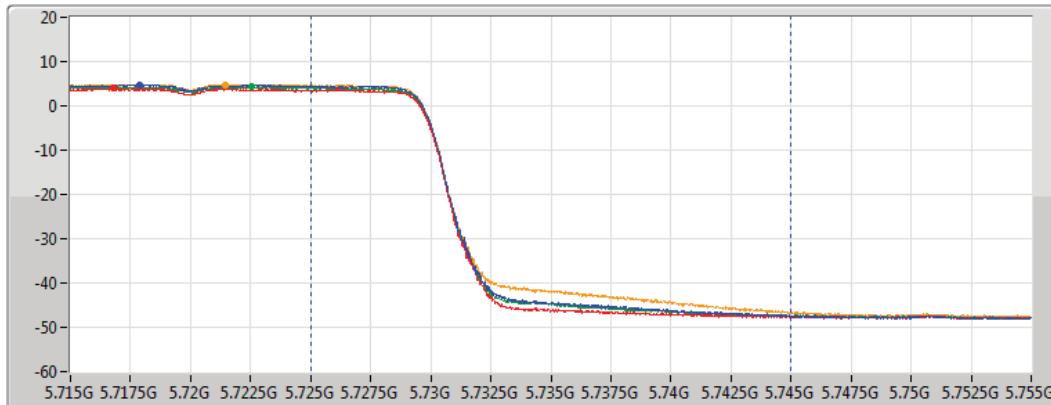
802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

29/04/2022

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



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

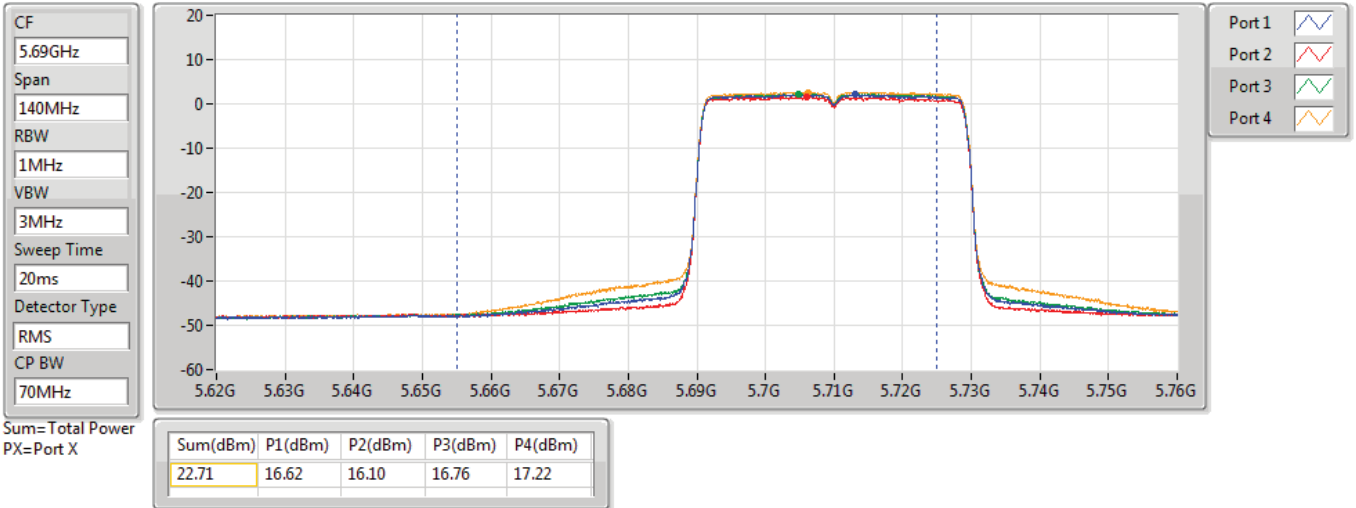
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.24	10.47	9.59	10.06	10.67

802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

29/04/2022

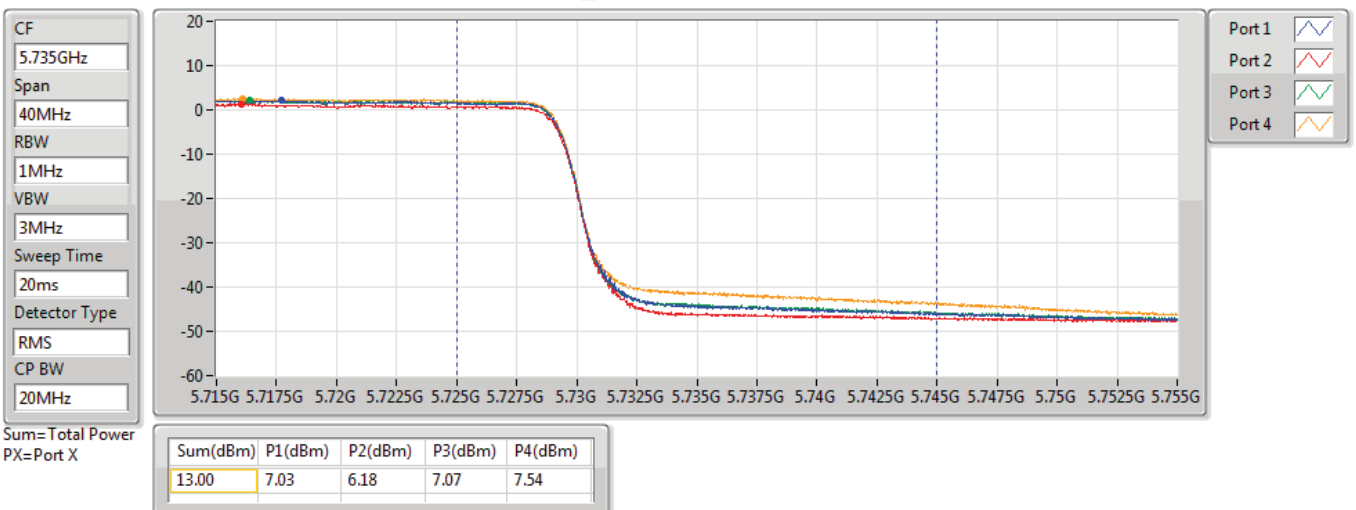


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

29/04/2022



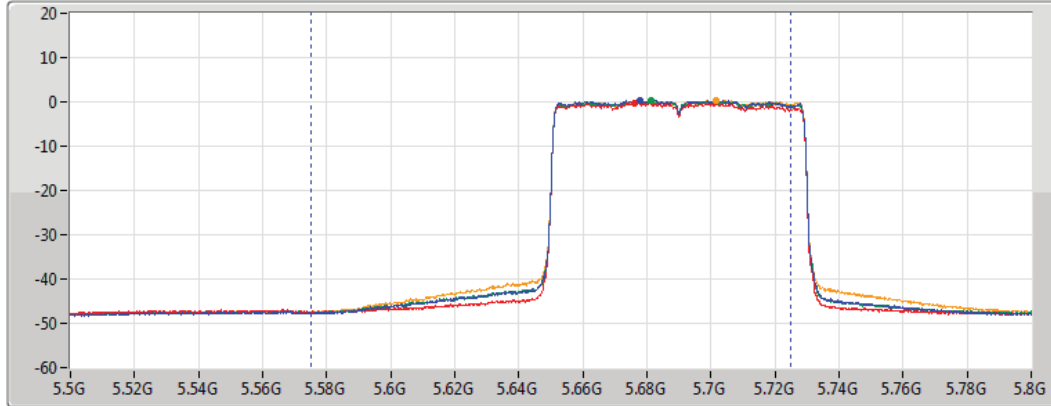
802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

29/04/2022

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



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.87	18.04	17.38	17.87	18.06

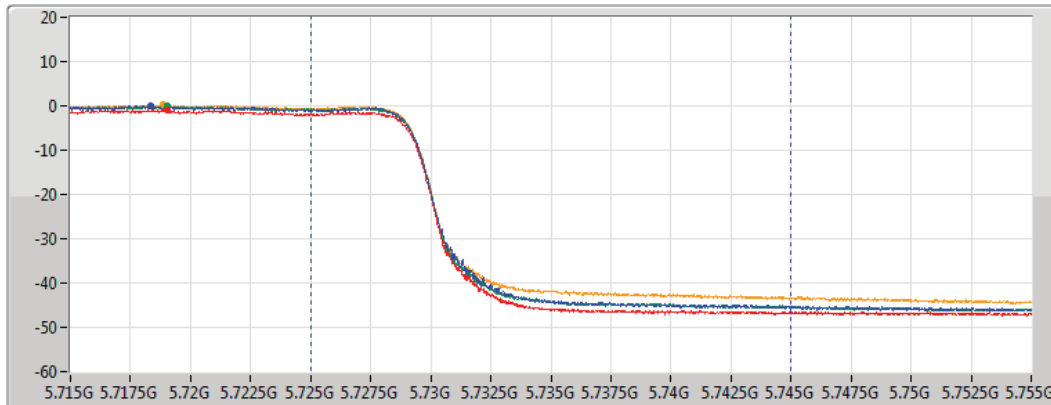
802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

29/04/2022

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



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

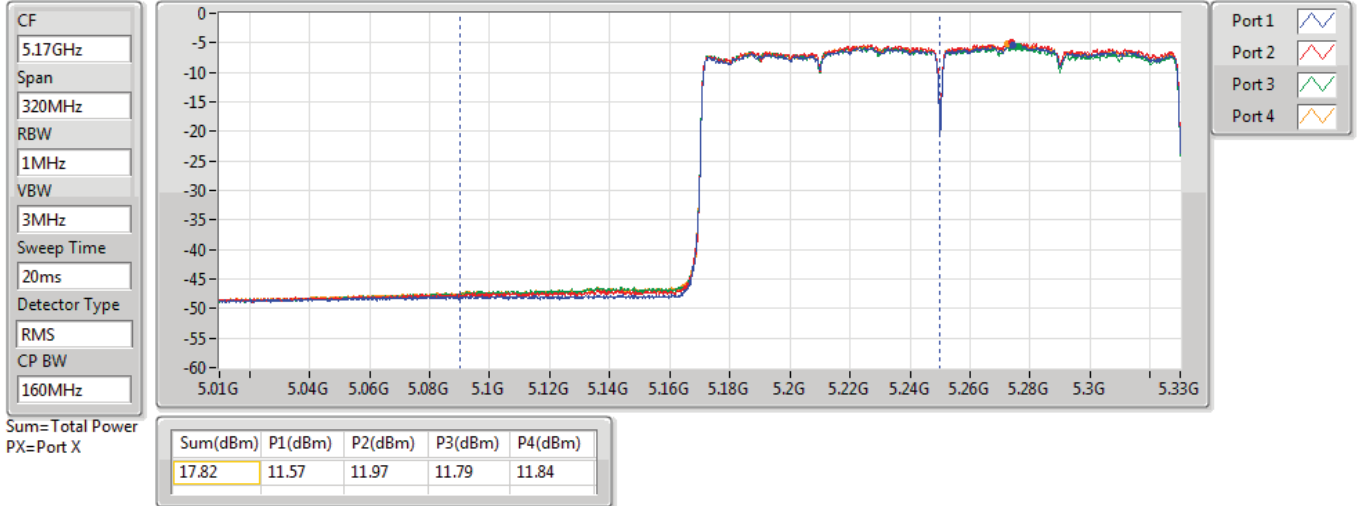
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.70	4.82	3.90	4.76	5.13

802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

29/04/2022

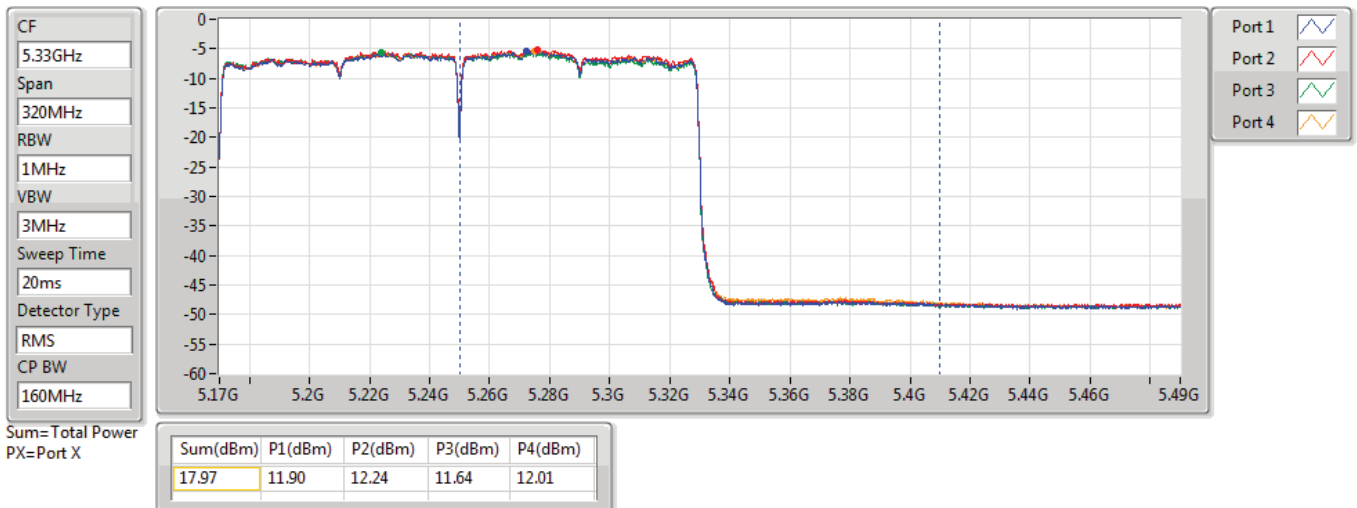


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

29/04/2022



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.16	0.52000	30.93	1.23880
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	26.86	0.48529	30.63	1.15611
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	25.83	0.38282	29.60	0.91201
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	17.53	0.05662	21.30	0.13490
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.62	0.23014	26.98	0.49888
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.95	0.24831	27.31	0.53827
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.95	0.24831	27.31	0.53827
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	18.11	0.06471	21.47	0.14028
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.87	0.15382	27.03	0.50466
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.91	0.24604	29.07	0.80724
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.85	0.24266	29.01	0.79616
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	20.34	0.10814	25.50	0.35481
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	24.07	0.25527	27.92	0.61944
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	26.92	0.49204	30.77	1.19399
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.99	0.31550	28.84	0.76560



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	3.77	21.58	21.05	20.73	21.17	27.16	30.00	30.93	36.00
5200MHz	Pass	3.77	20.14	19.24	18.94	18.78	25.33	30.00	29.10	36.00
5240MHz	Pass	3.77	18.18	18.59	18.22	18.49	24.39	30.00	28.16	36.00
5260MHz	Pass	3.36	17.95	17.74	17.32	17.34	23.62	23.98	26.98	30.00
5300MHz	Pass	3.36	17.30	17.66	17.69	17.33	23.52	23.98	26.88	30.00
5320MHz	Pass	3.36	17.13	17.19	17.71	17.86	23.50	23.98	26.86	30.00
5500MHz	Pass	5.16	15.09	15.61	16.26	15.49	21.65	23.98	26.81	30.00
5580MHz	Pass	5.16	16.69	15.13	15.55	15.86	21.87	23.98	27.03	30.00
5700MHz	Pass	5.16	14.71	15.03	15.69	16.97	21.71	23.98	26.87	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.16	14.45	14.64	15.42	16.02	21.20	22.94	26.36	28.94
5720MHz Straddle 5.725-5.85GHz	Pass	3.85	10.42	10.31	9.84	9.67	16.09	30.00	19.94	36.00
5745MHz	Pass	3.85	17.71	18.27	18.15	18.06	24.07	30.00	27.92	36.00
5785MHz	Pass	3.85	17.27	17.77	18.27	18.40	23.97	30.00	27.82	36.00
5825MHz	Pass	3.85	15.60	15.23	16.10	16.82	22.00	30.00	25.85	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.77	20.71	20.36	19.34	20.32	26.23	30.00	30.00	36.00
5230MHz	Pass	3.77	20.53	21.16	20.42	21.20	26.86	30.00	30.63	36.00
5270MHz	Pass	3.36	17.59	17.97	18.08	17.59	23.83	23.98	27.19	30.00
5310MHz	Pass	3.36	17.66	18.38	17.92	17.73	23.95	23.98	27.31	30.00
5510MHz	Pass	5.16	17.41	16.93	18.13	18.54	23.82	23.98	28.98	30.00
5550MHz	Pass	5.16	17.77	17.36	17.40	18.04	23.67	23.98	28.83	30.00
5670MHz	Pass	5.16	18.26	16.57	17.48	17.86	23.61	23.98	28.77	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.16	17.79	17.30	18.01	18.40	23.91	23.98	29.07	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.85	7.75	7.61	7.77	7.73	13.74	30.00	17.59	36.00
5755MHz	Pass	3.85	21.15	20.37	20.24	21.67	26.92	30.00	30.77	36.00
5795MHz	Pass	3.85	19.90	19.81	20.95	20.28	26.28	30.00	30.13	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.77	20.29	19.62	19.92	19.37	25.83	30.00	29.60	36.00
5290MHz	Pass	3.36	17.47	18.01	17.86	18.34	23.95	23.98	27.31	30.00
5530MHz	Pass	5.16	18.20	17.11	17.50	18.02	23.75	23.98	28.91	30.00
5610MHz	Pass	5.16	19.13	16.82	17.51	17.49	23.85	23.98	29.01	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.16	18.13	16.88	18.15	18.00	23.84	23.98	29.00	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.85	3.91	3.55	3.94	5.03	10.16	30.00	14.01	36.00
5775MHz	Pass	3.85	18.71	18.88	18.98	19.28	24.99	30.00	28.84	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.77	10.82	10.34	13.84	9.77	17.53	30.00	21.30	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.36	12.44	13.80	7.11	12.57	18.11	23.98	21.47	30.00
5570MHz	Pass	5.16	14.49	13.76	13.89	15.02	20.34	23.98	25.50	30.00

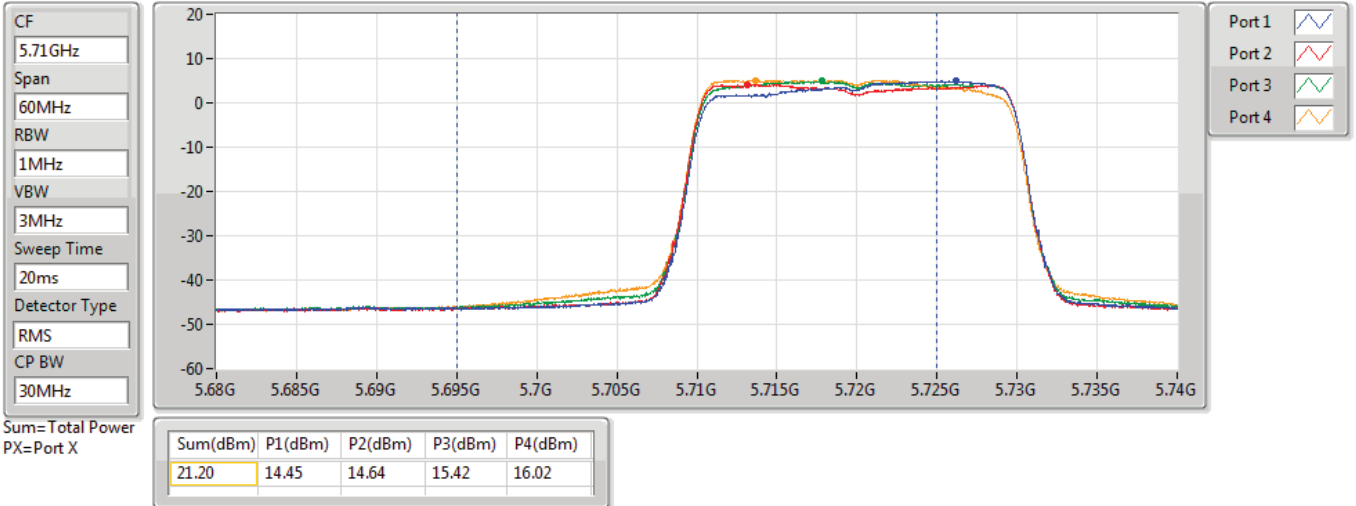
DG = Directional Gain; Port X = Port X output power

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

11/05/2022

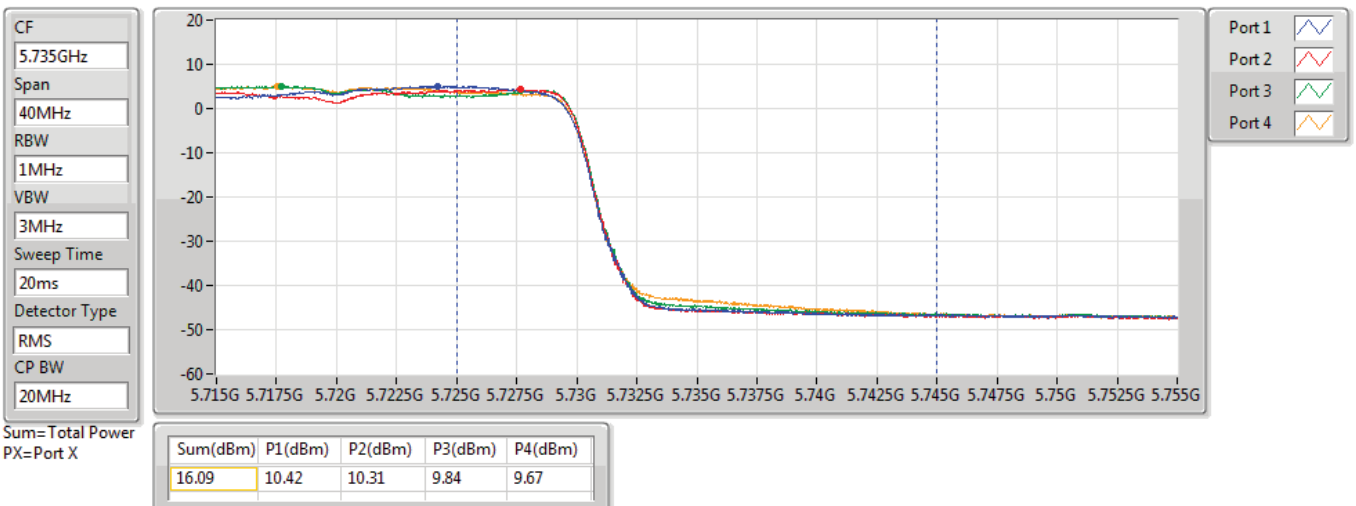


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

11/05/2022





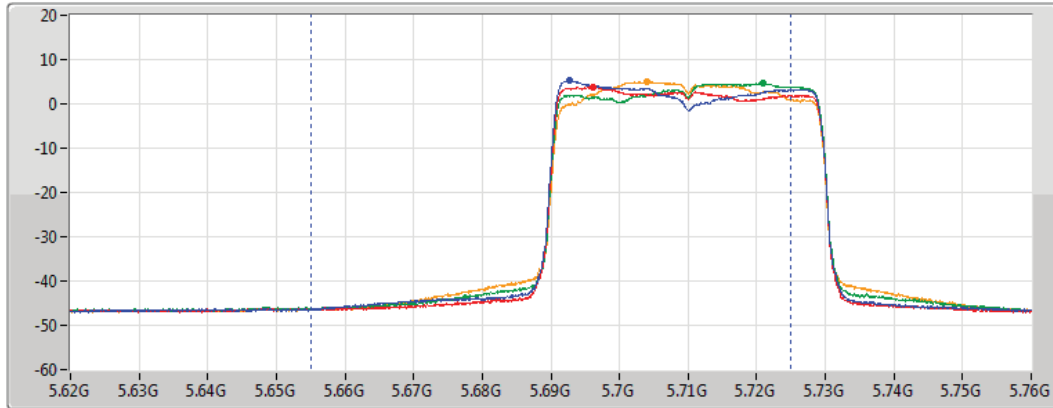
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

12/05/2022

CF
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
70MHz



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.91	17.79	17.30	18.01	18.40

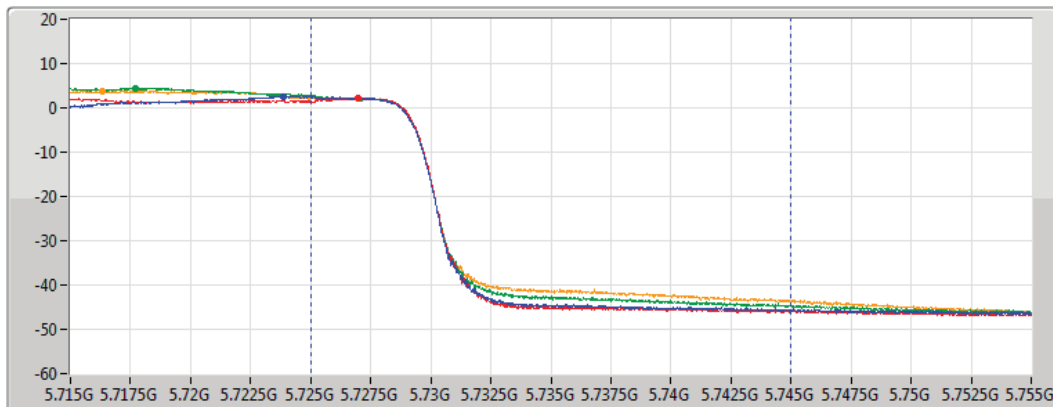
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

12/05/2022

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



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.74	7.75	7.61	7.77	7.73

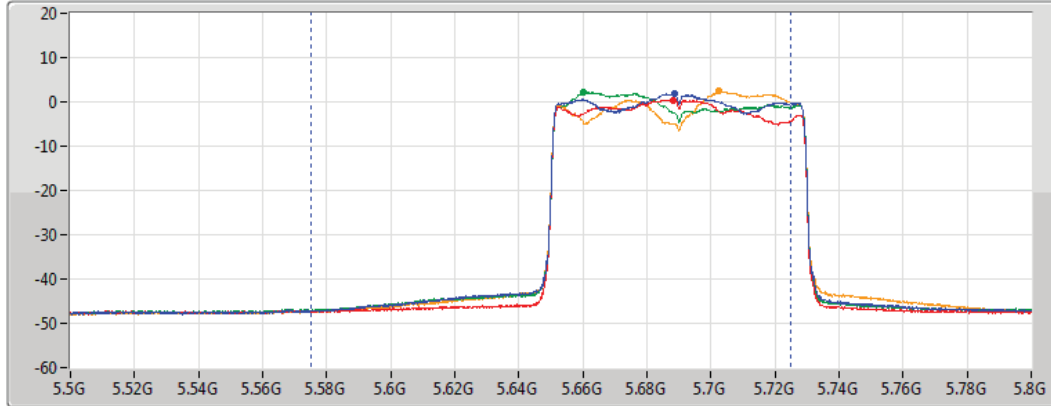
802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

12/05/2022

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



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.84	18.13	16.88	18.15	18.00

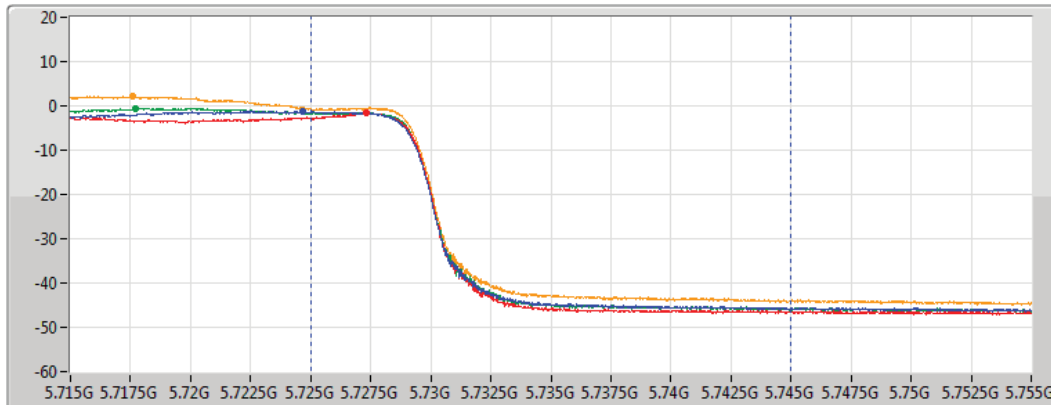
802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

12/05/2022

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



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

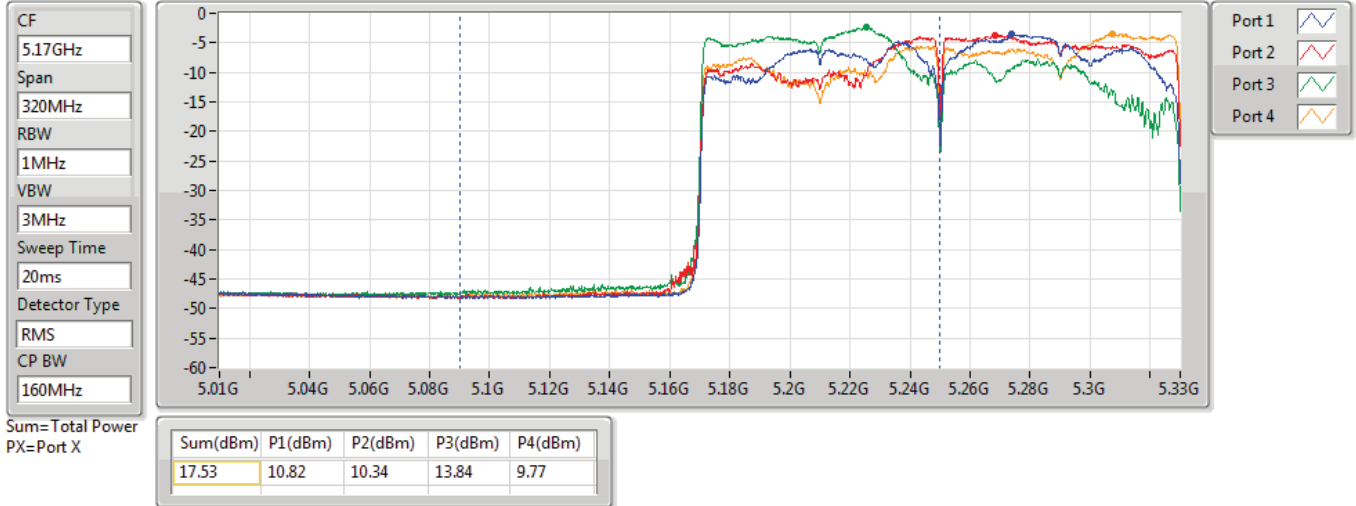
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.16	3.91	3.55	3.94	5.03

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

12/05/2022

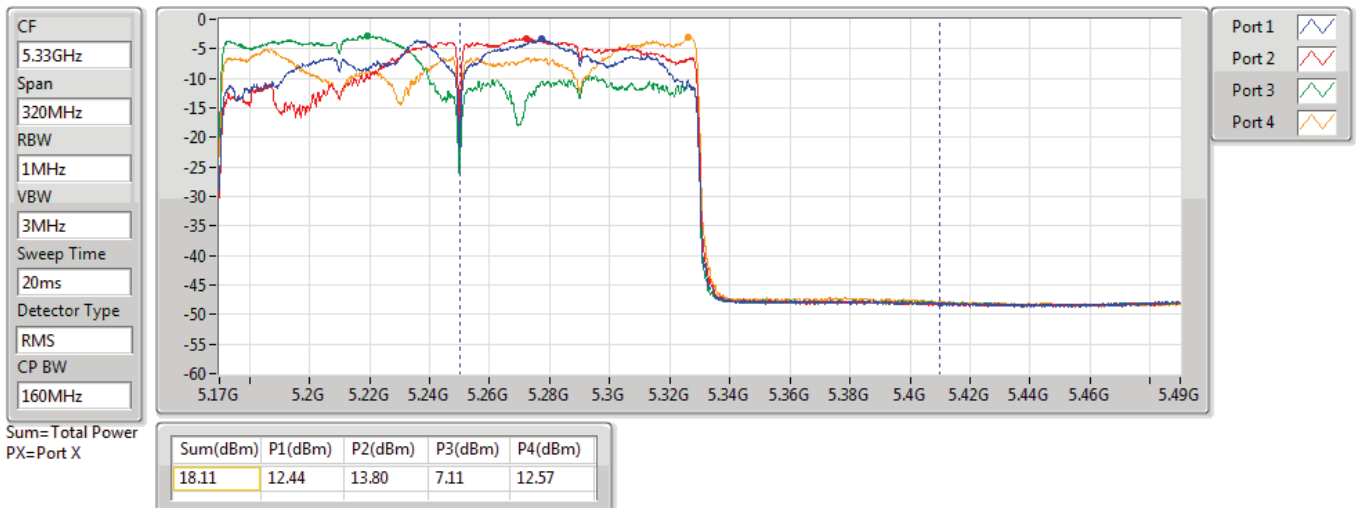


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

12/05/2022





Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.01	16.78
802.11ax HEW20_Nss1,(MCS0)_4TX	14.16	17.93
802.11ax HEW40_Nss1,(MCS0)_4TX	10.69	14.46
802.11ax HEW80_Nss1,(MCS0)_4TX	5.53	9.30
802.11ax HEW160_Nss1,(MCS0)_4TX	-1.13	2.64
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.97	14.33
802.11ax HEW20_Nss1,(MCS0)_4TX	10.37	13.73
802.11ax HEW40_Nss1,(MCS0)_4TX	7.79	11.15
802.11ax HEW80_Nss1,(MCS0)_4TX	4.88	8.24
802.11ax HEW160_Nss1,(MCS0)_4TX	-1.02	2.34
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	9.00	14.16
802.11ax HEW20_Nss1,(MCS0)_4TX	9.14	14.30
802.11ax HEW40_Nss1,(MCS0)_4TX	7.02	12.18
802.11ax HEW80_Nss1,(MCS0)_4TX	4.77	9.93
802.11ax HEW160_Nss1,(MCS0)_4TX	-2.60	2.56
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	8.76	12.61
802.11ax HEW20_Nss1,(MCS0)_4TX	8.78	12.63
802.11ax HEW40_Nss1,(MCS0)_4TX	6.78	10.63
802.11ax HEW80_Nss1,(MCS0)_4TX	5.41	9.26

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	3.77	7.18	7.43	6.72	7.45	13.01	17.00	16.78	23.00
5200MHz	Pass	3.77	6.11	6.01	5.60	5.77	11.69	17.00	15.46	23.00
5240MHz	Pass	3.77	6.10	6.11	5.50	5.68	11.59	17.00	15.36	23.00
5260MHz	Pass	3.36	5.31	5.61	4.69	5.24	10.97	11.00	14.33	17.00
5300MHz	Pass	3.36	4.14	4.77	3.88	4.14	10.07	11.00	13.43	17.00
5320MHz	Pass	3.36	4.42	4.78	4.23	4.50	10.20	11.00	13.56	17.00
5500MHz	Pass	5.16	3.26	2.89	3.23	3.47	8.98	11.00	14.14	17.00
5580MHz	Pass	5.16	2.65	2.39	2.46	3.03	8.45	11.00	13.61	17.00
5700MHz	Pass	5.16	3.33	2.55	3.16	3.54	8.94	11.00	14.10	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.16	3.46	2.57	3.24	3.58	9.00	11.00	14.16	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.85	1.71	0.62	0.98	2.05	7.29	30.00	11.14	36.00
5745MHz	Pass	3.85	2.38	1.99	2.10	3.09	8.18	30.00	12.03	36.00
5785MHz	Pass	3.85	2.46	2.17	2.70	3.41	8.45	30.00	12.30	36.00
5825MHz	Pass	3.85	2.92	2.39	3.23	3.58	8.76	30.00	12.61	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.77	8.21	8.68	7.86	8.48	14.16	17.00	17.93	23.00
5200MHz	Pass	3.77	5.56	5.95	5.18	5.47	11.27	17.00	15.04	23.00
5240MHz	Pass	3.77	4.83	5.10	4.33	4.93	10.52	17.00	14.29	23.00
5260MHz	Pass	3.36	4.88	4.93	4.30	4.66	10.37	11.00	13.73	17.00
5300MHz	Pass	3.36	3.51	4.03	3.24	3.75	9.36	11.00	12.72	17.00
5320MHz	Pass	3.36	4.24	4.36	3.68	3.96	9.78	11.00	13.14	17.00
5500MHz	Pass	5.16	2.88	2.62	2.62	3.19	8.59	11.00	13.75	17.00
5580MHz	Pass	5.16	2.95	2.60	2.91	3.11	8.66	11.00	13.82	17.00
5700MHz	Pass	5.16	3.37	2.50	2.82	3.38	8.72	11.00	13.88	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.16	3.86	2.77	3.12	3.95	9.14	11.00	14.30	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.85	1.95	0.91	1.27	1.99	7.33	30.00	11.18	36.00
5745MHz	Pass	3.85	2.96	3.03	2.99	3.71	8.78	30.00	12.63	36.00
5785MHz	Pass	3.85	2.48	1.96	2.15	2.84	7.85	30.00	11.70	36.00
5825MHz	Pass	3.85	1.61	1.83	1.89	2.74	7.72	30.00	11.57	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.77	2.80	3.34	2.24	2.97	8.44	17.00	12.21	23.00
5230MHz	Pass	3.77	5.03	5.41	4.47	5.06	10.69	17.00	14.46	23.00
5270MHz	Pass	3.36	2.08	2.14	1.37	2.18	7.71	11.00	11.07	17.00
5310MHz	Pass	3.36	1.91	2.67	1.72	2.33	7.79	11.00	11.15	17.00
5510MHz	Pass	5.16	1.35	0.96	0.88	1.34	6.80	11.00	11.96	17.00
5550MHz	Pass	5.16	0.56	0.39	0.40	0.69	6.17	11.00	11.33	17.00
5670MHz	Pass	5.16	1.18	0.65	1.30	1.69	7.02	11.00	12.18	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.16	0.72	0.31	0.91	1.54	6.66	11.00	11.82	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.85	-0.95	-1.66	-0.98	-0.56	4.64	30.00	8.49	36.00
5755MHz	Pass	3.85	1.09	0.48	1.10	1.86	6.78	30.00	10.63	36.00
5795MHz	Pass	3.85	0.33	-0.30	0.51	1.07	6.07	30.00	9.92	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.77	-0.44	0.04	-0.45	-0.19	5.53	17.00	9.30	23.00
5290MHz	Pass	3.36	-0.90	-0.56	-1.49	-0.63	4.88	11.00	8.24	17.00
5530MHz	Pass	5.16	-2.61	-2.81	-2.65	-2.43	3.08	11.00	8.24	17.00
5610MHz	Pass	5.16	-0.88	-1.38	-1.19	-0.57	4.77	11.00	9.93	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.16	-0.88	-1.48	-1.18	-1.17	4.64	11.00	9.80	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.85	-2.63	-3.98	-3.15	-2.82	2.55	30.00	6.40	36.00
5775MHz	Pass	3.85	-0.43	-0.96	0.03	0.09	5.41	30.00	9.26	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.77	-7.28	-6.57	-6.90	-6.80	-1.13	17.00	2.64	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.36	-6.65	-6.74	-7.18	-6.84	-1.02	11.00	2.34	17.00
5570MHz	Pass	5.16	-8.52	-8.16	-9.02	-7.84	-2.60	11.00	2.56	17.00



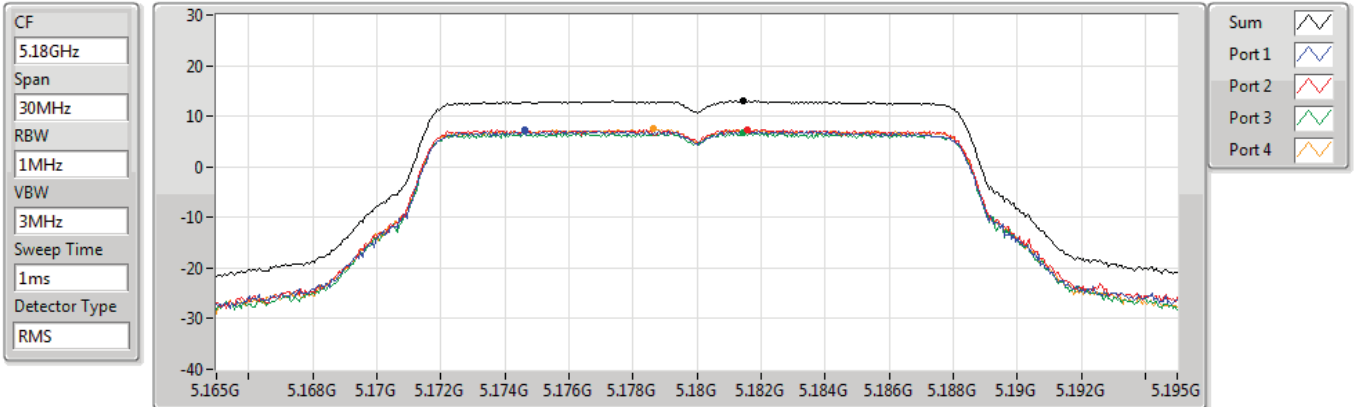
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

29/04/2022



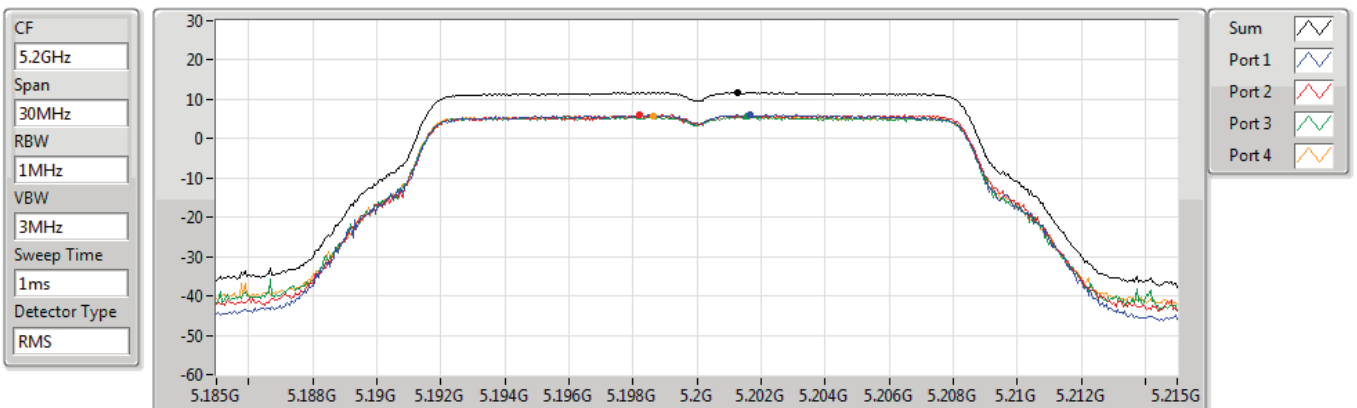
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.01	13.01	7.18	7.43	6.72	7.45

802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

29/04/2022



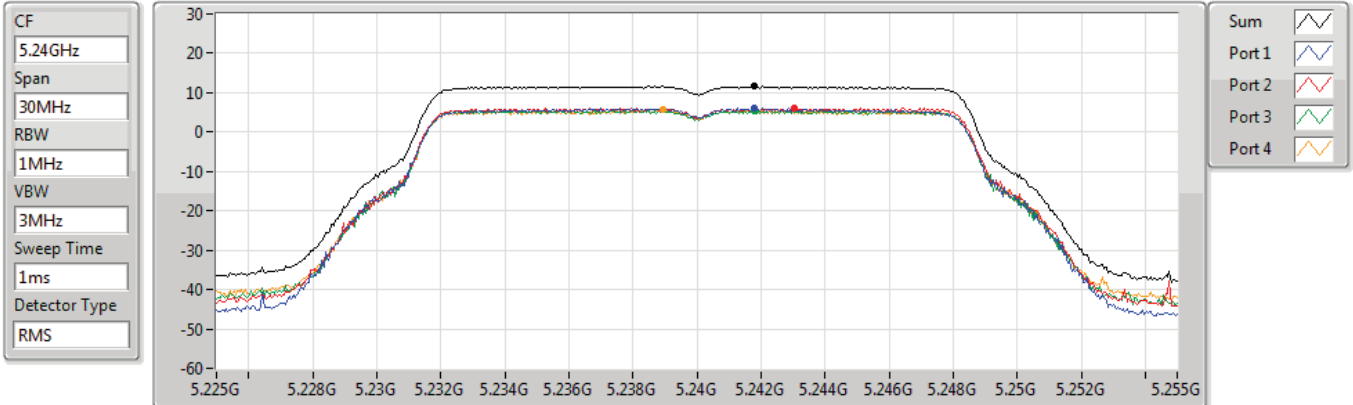
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.69	11.69	6.11	6.01	5.60	5.77

802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

29/04/2022



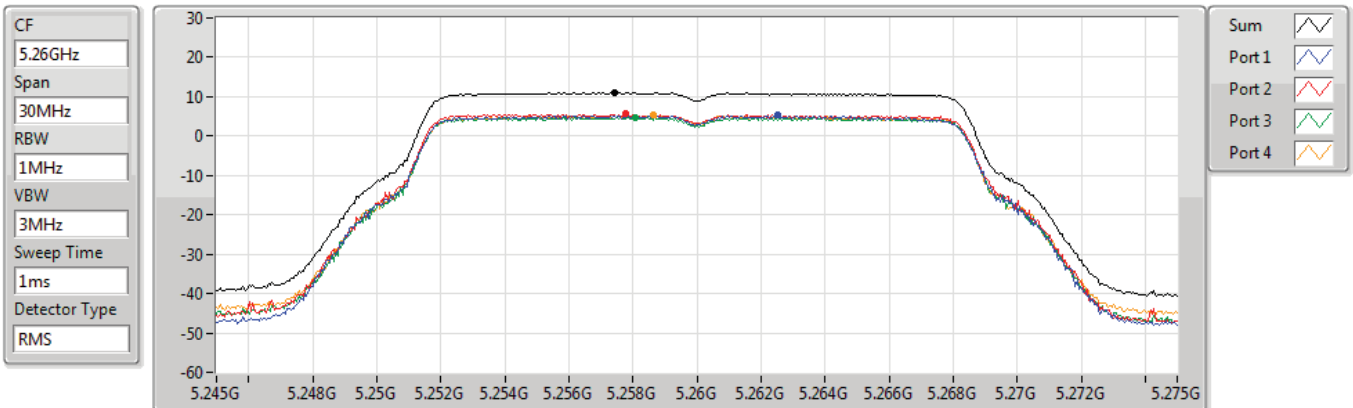
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.59	11.59	6.10	6.11	5.50	5.68

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

29/04/2022



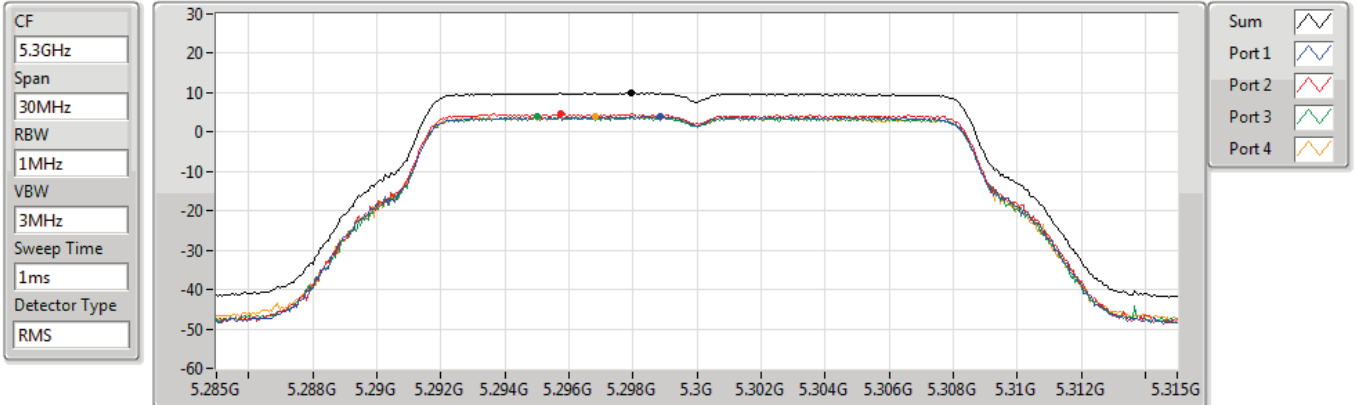
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.97	10.97	5.31	5.61	4.69	5.24

802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

29/04/2022



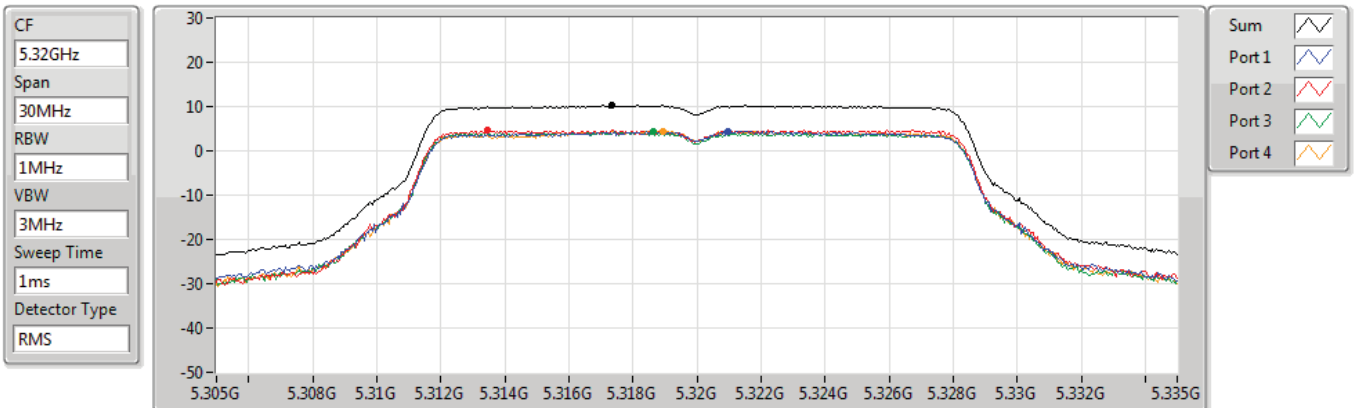
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.07	10.07	4.14	4.77	3.88	4.14

802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

29/04/2022



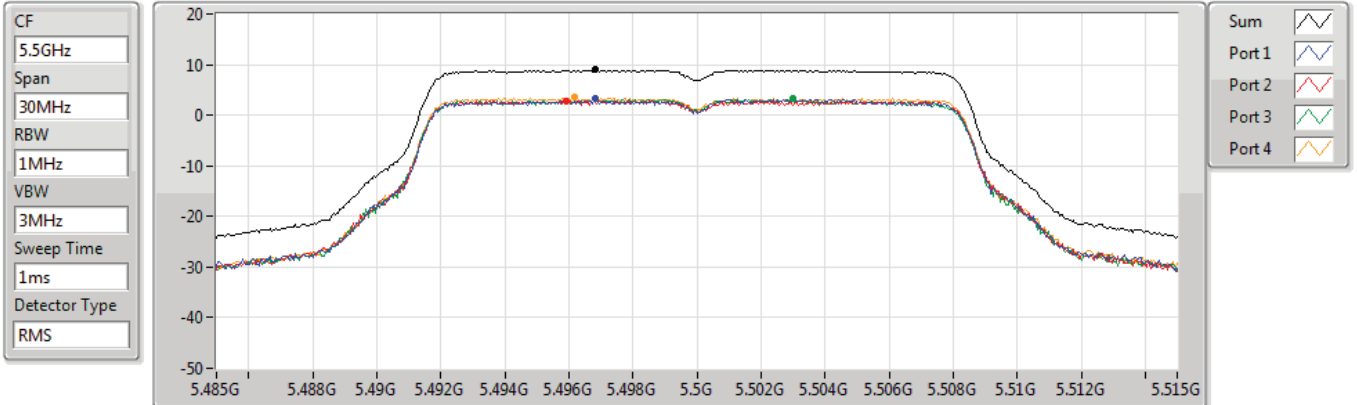
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.20	10.20	4.42	4.78	4.23	4.50

802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

29/04/2022



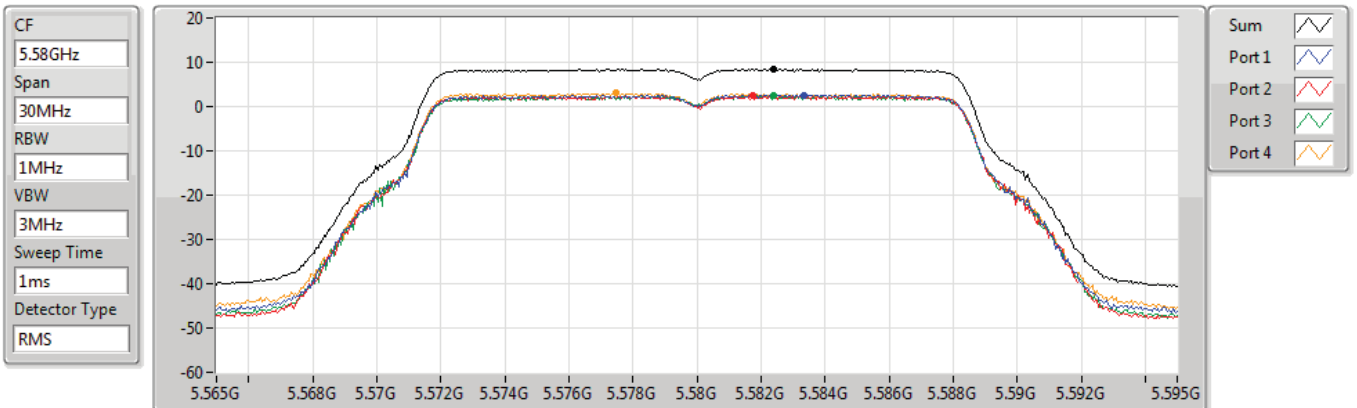
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.98	8.98	3.26	2.89	3.23	3.47

802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

29/04/2022



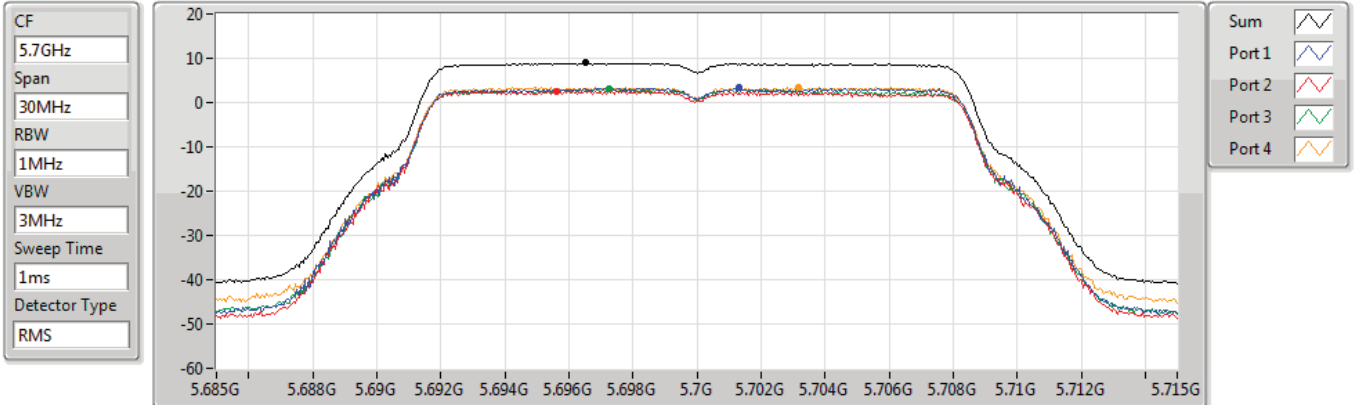
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.45	8.45	2.65	2.39	2.46	3.03

802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

29/04/2022



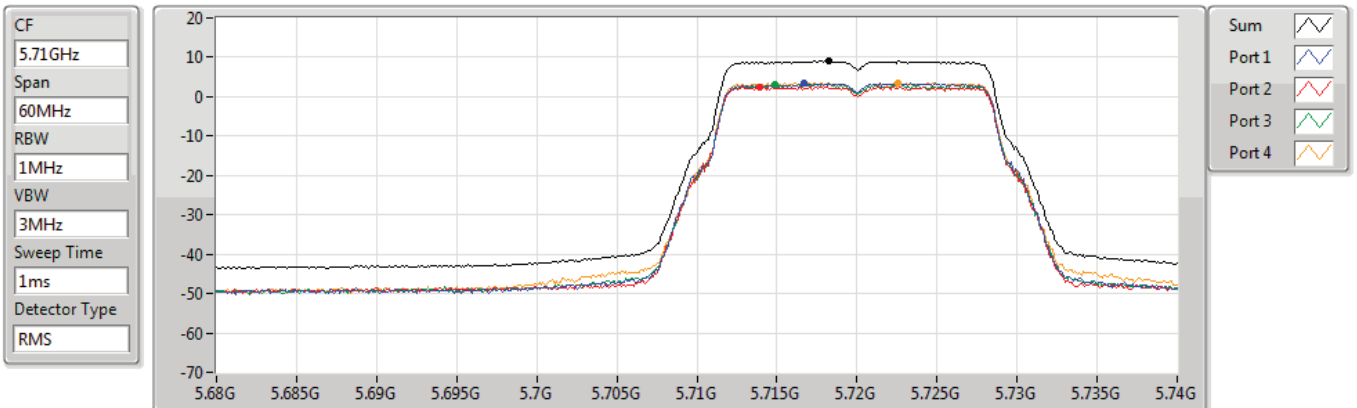
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.94	8.94	3.33	2.55	3.16	3.54

802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

29/04/2022



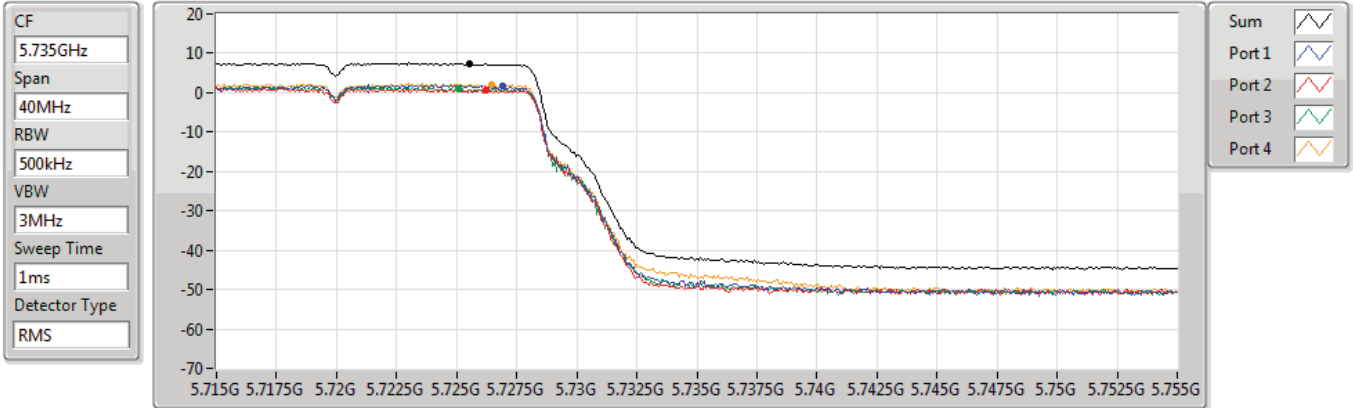
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.00	9.00	3.46	2.57	3.24	3.58

802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

29/04/2022



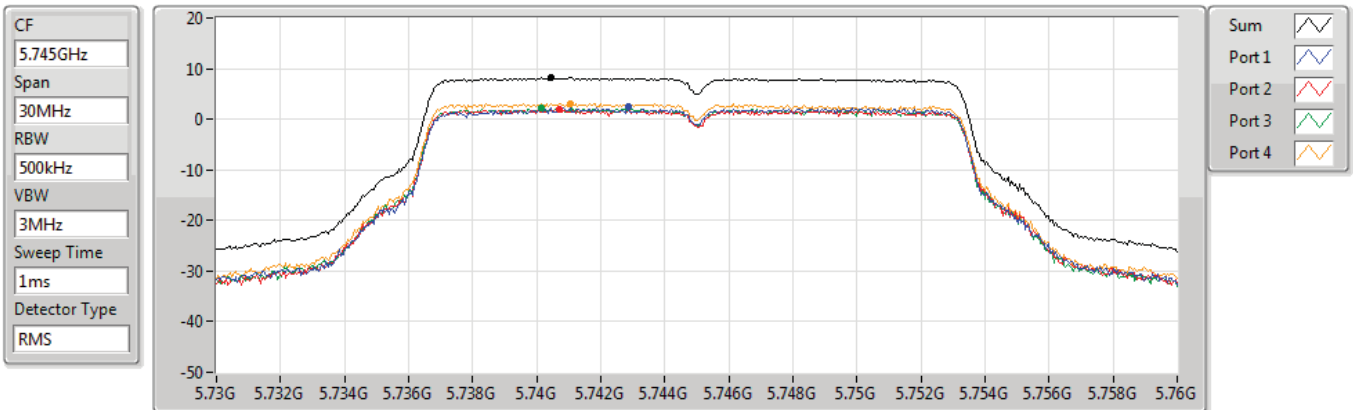
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.29	7.29	1.71	0.62	0.98	2.05

802.11a_Nss1,(6Mbps)_4TX

PSD

5745MHz

29/04/2022



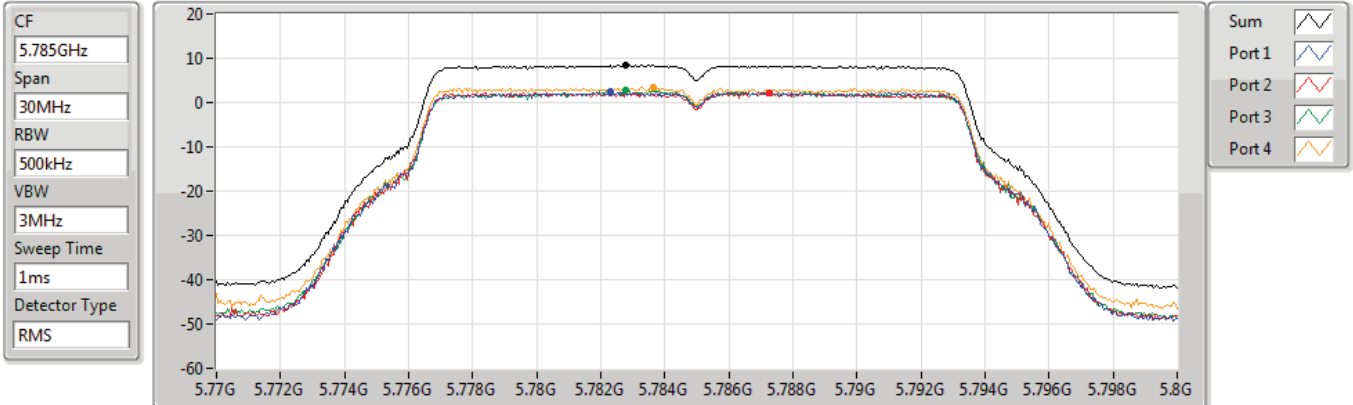
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.18	8.18	2.38	1.99	2.10	3.09

802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

29/04/2022



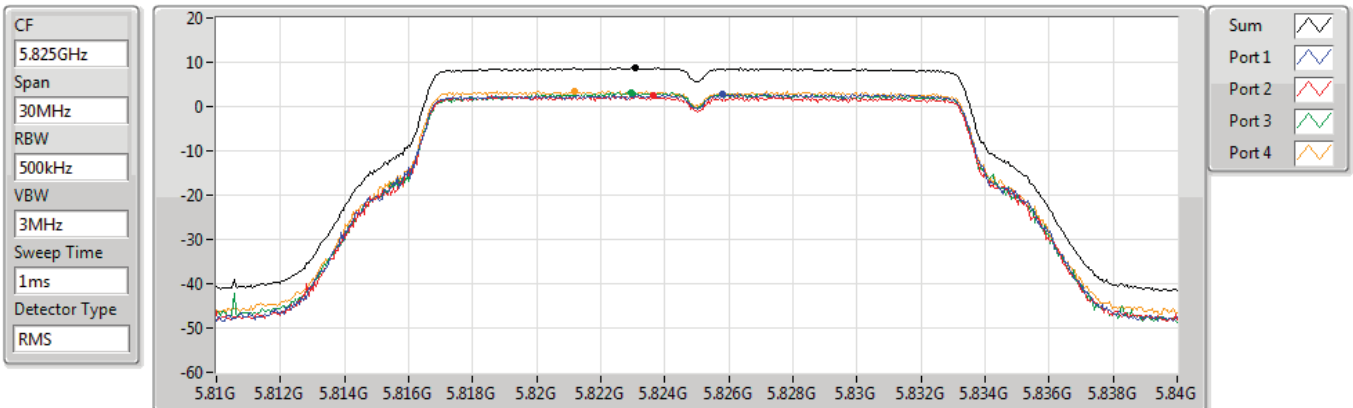
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.45	8.45	2.46	2.17	2.70	3.41

802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

29/04/2022



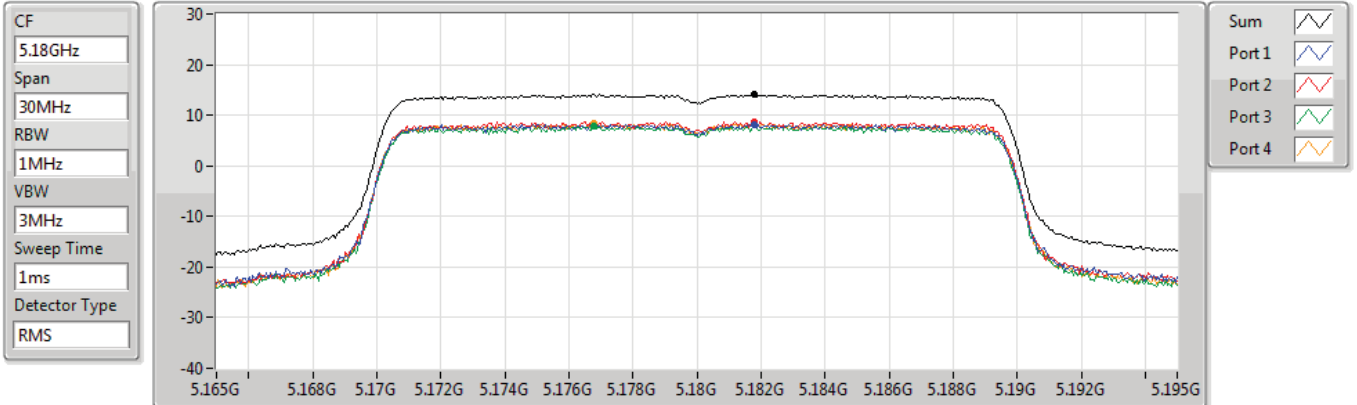
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.76	8.76	2.92	2.39	3.23	3.58

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5180MHz

29/04/2022



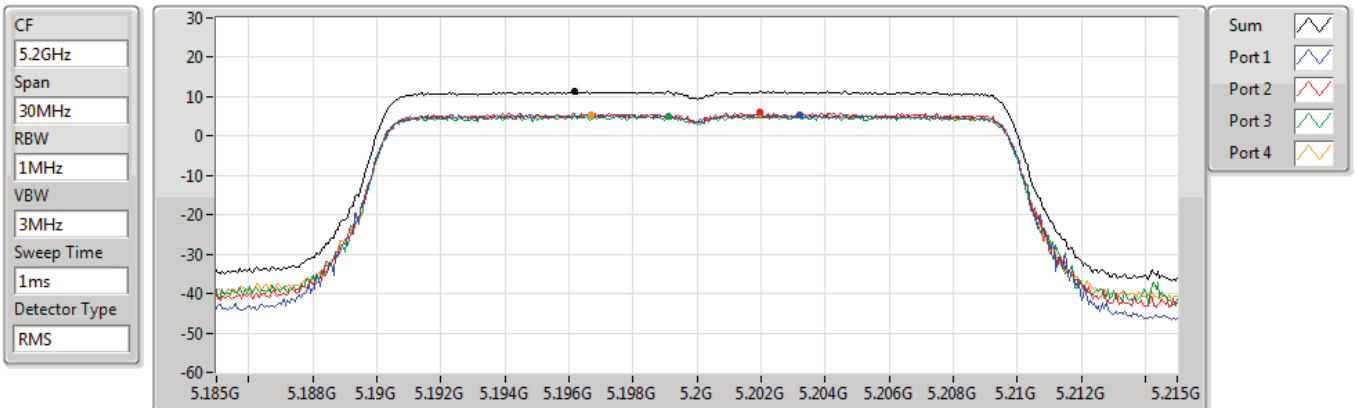
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.16	14.16	8.21	8.68	7.86	8.48

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5200MHz

29/04/2022



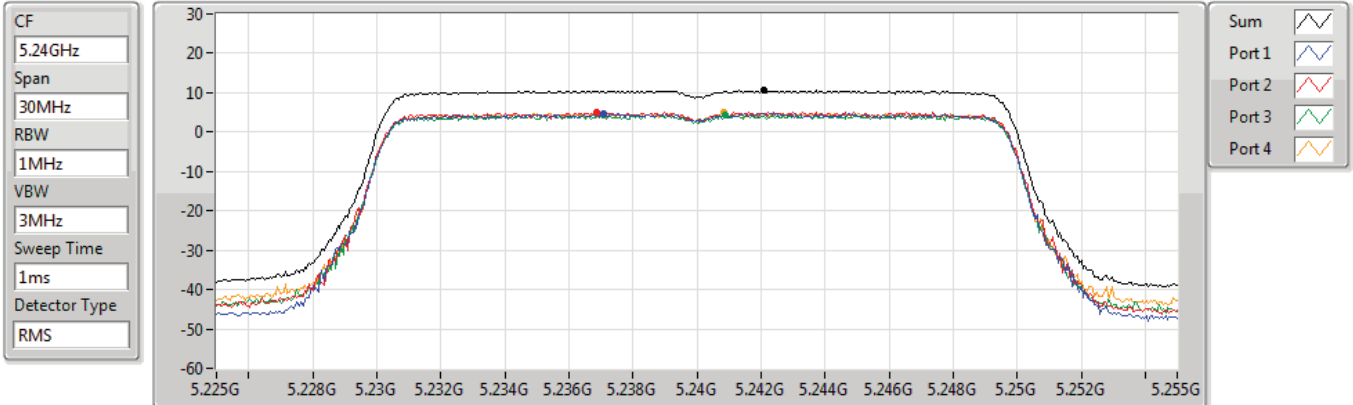
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.27	11.27	5.56	5.95	5.18	5.47

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5240MHz

29/04/2022



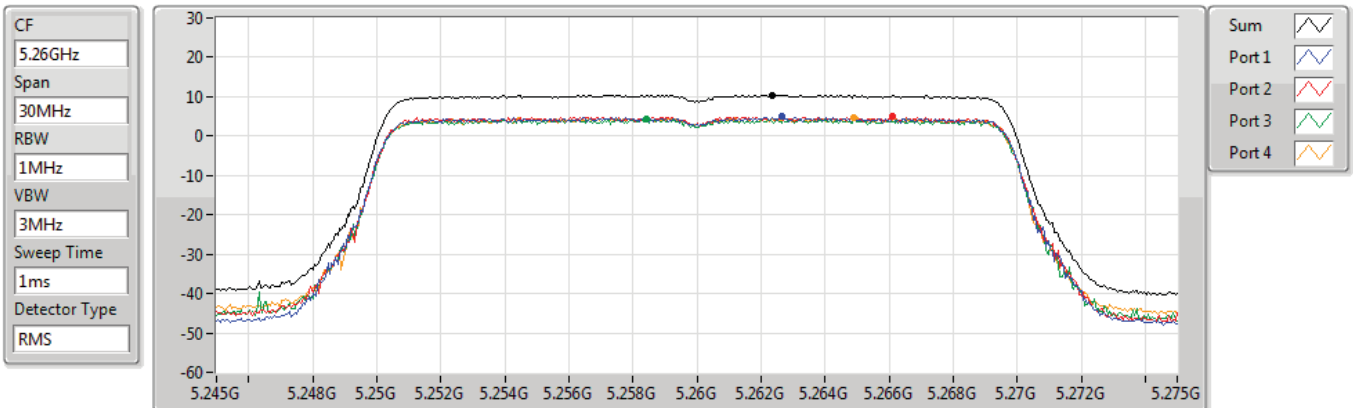
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.52	10.52	4.83	5.10	4.33	4.93

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

29/04/2022



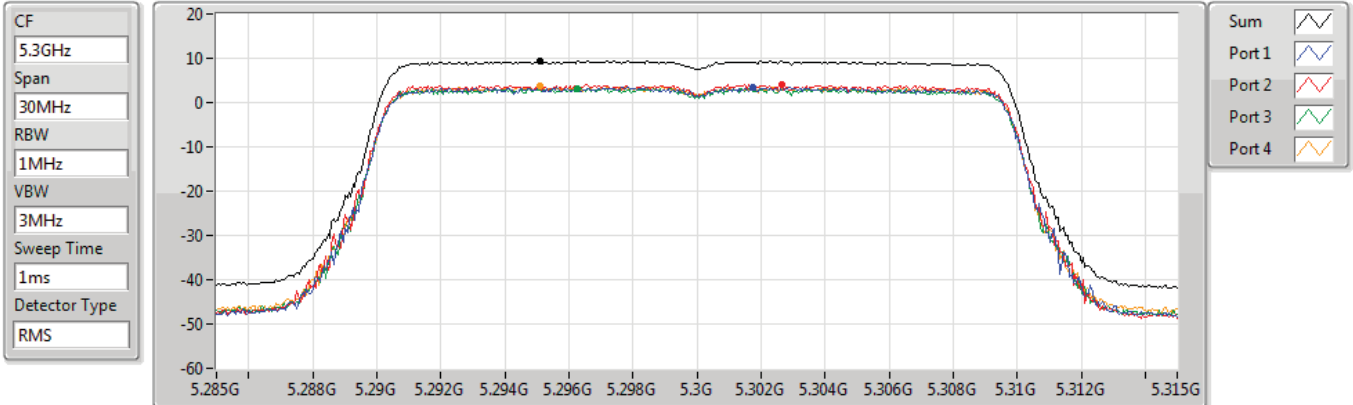
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.37	10.37	4.88	4.93	4.30	4.66

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

29/04/2022



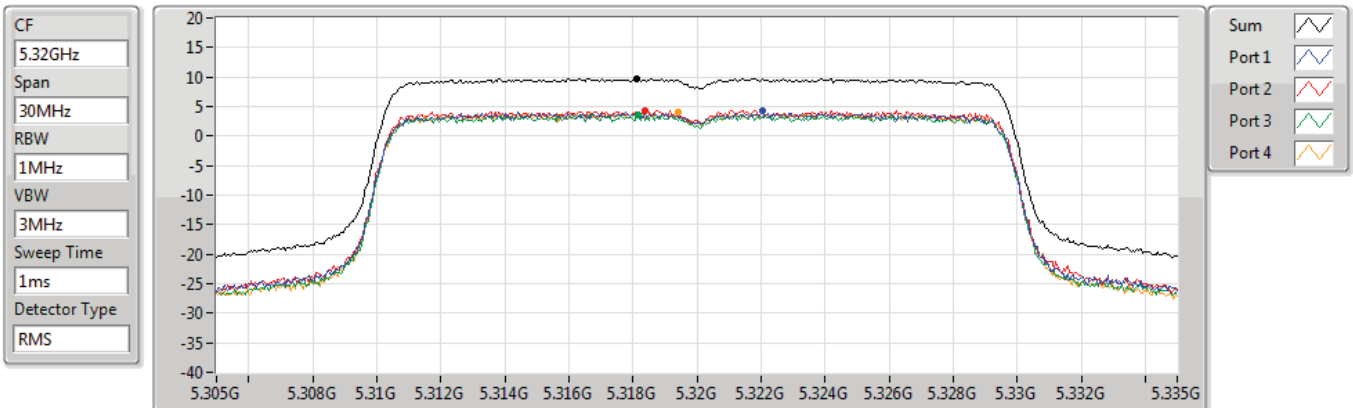
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.36	9.36	3.51	4.03	3.24	3.75

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

29/04/2022



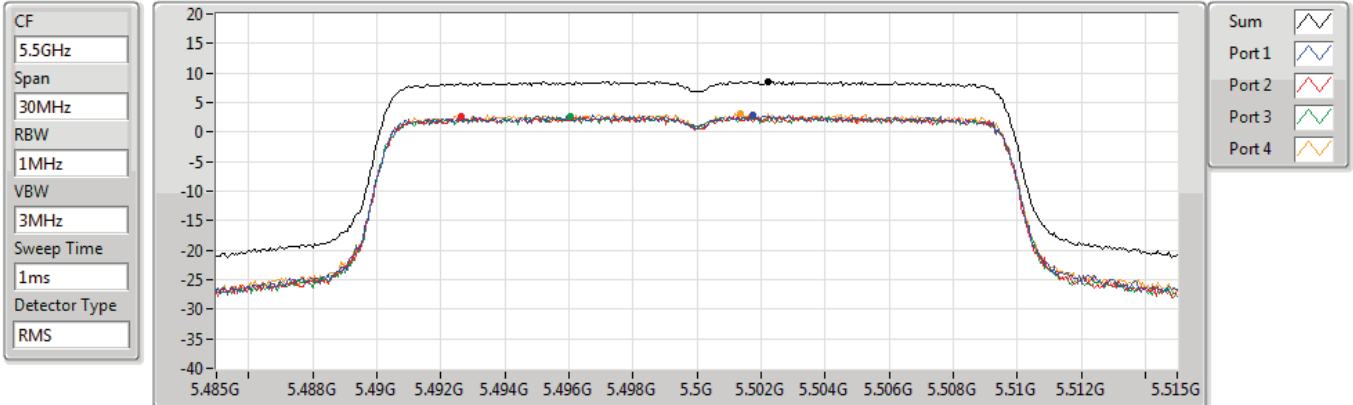
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.78	9.78	4.24	4.36	3.68	3.96

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

29/04/2022

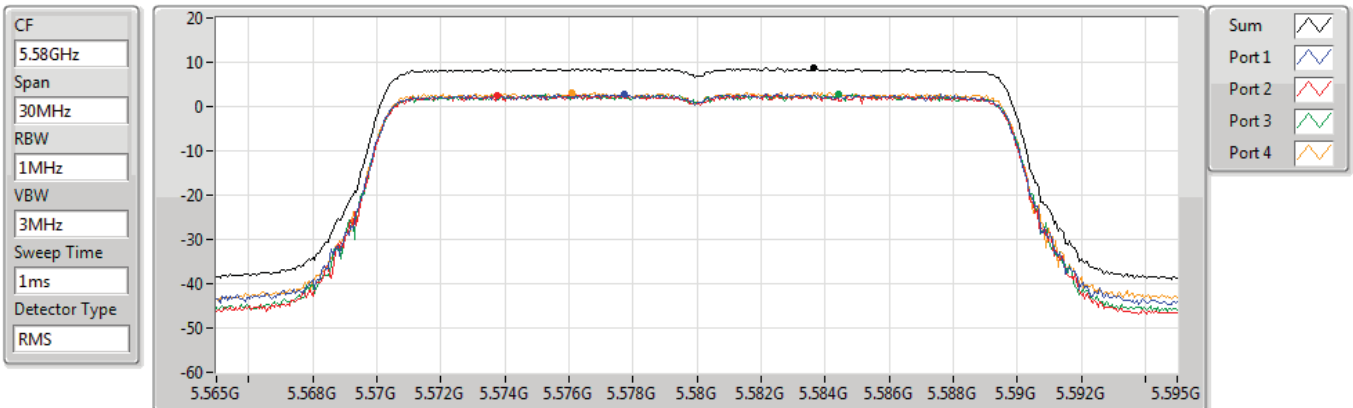


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

29/04/2022

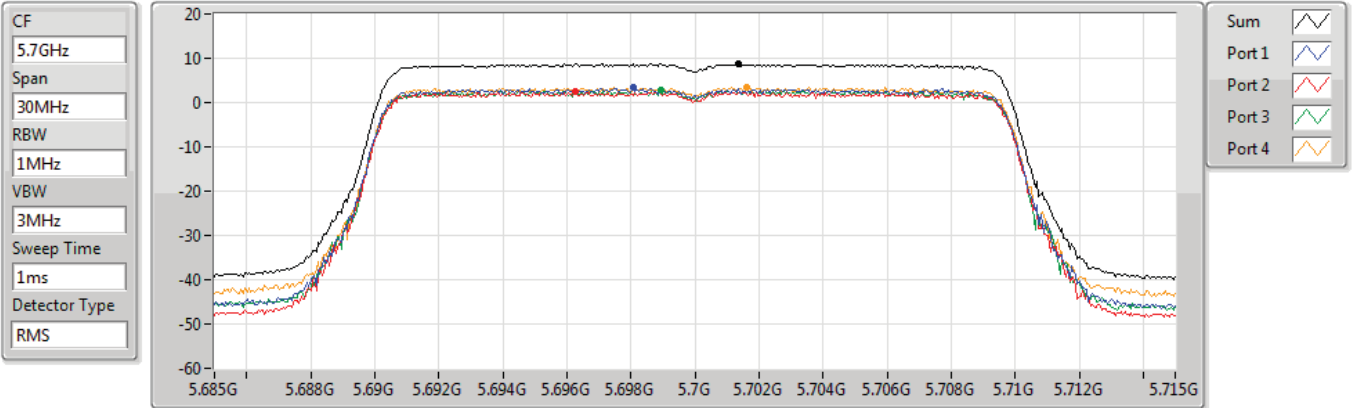


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

29/04/2022



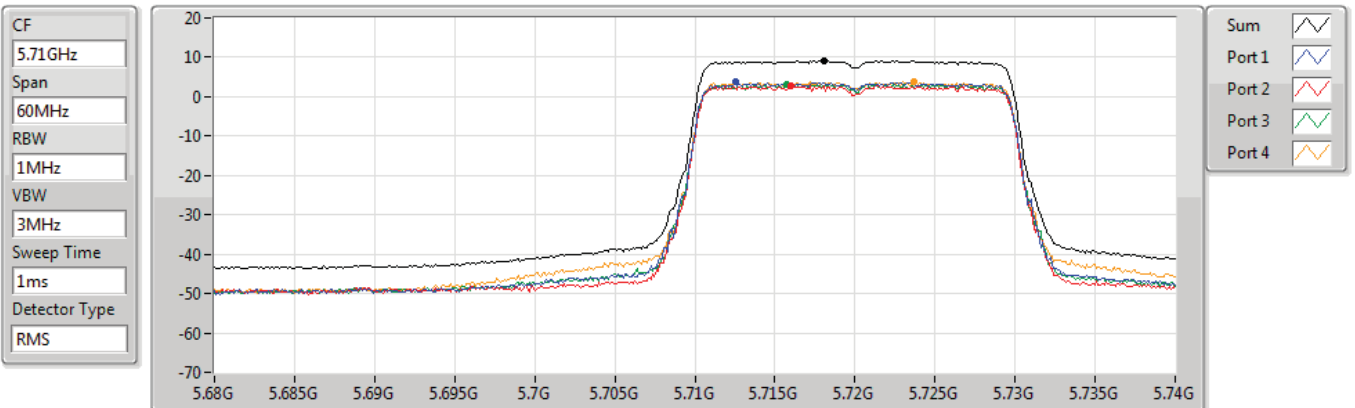
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.72	8.72	3.37	2.50	2.82	3.38

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

29/04/2022



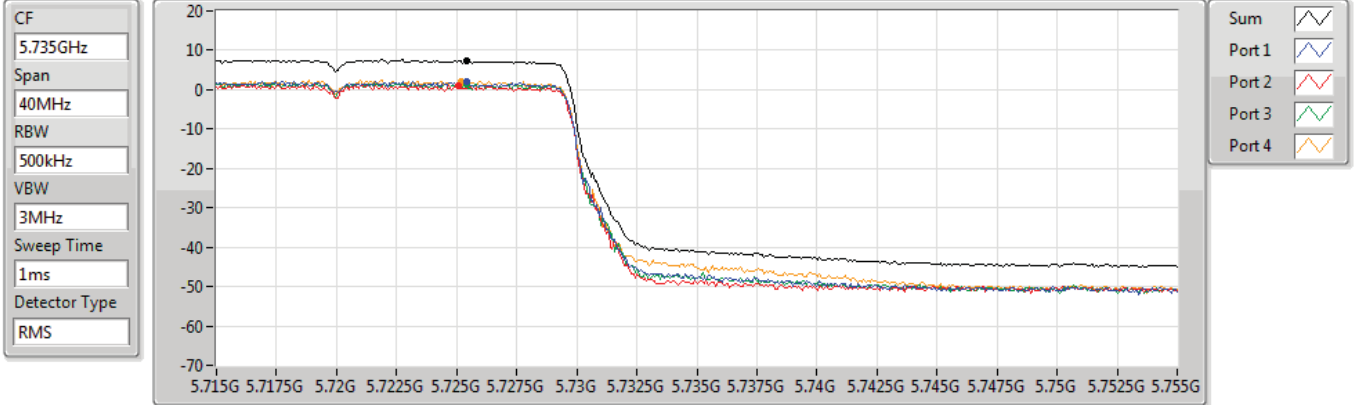
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.14	9.14	3.86	2.77	3.12	3.95

802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

29/04/2022

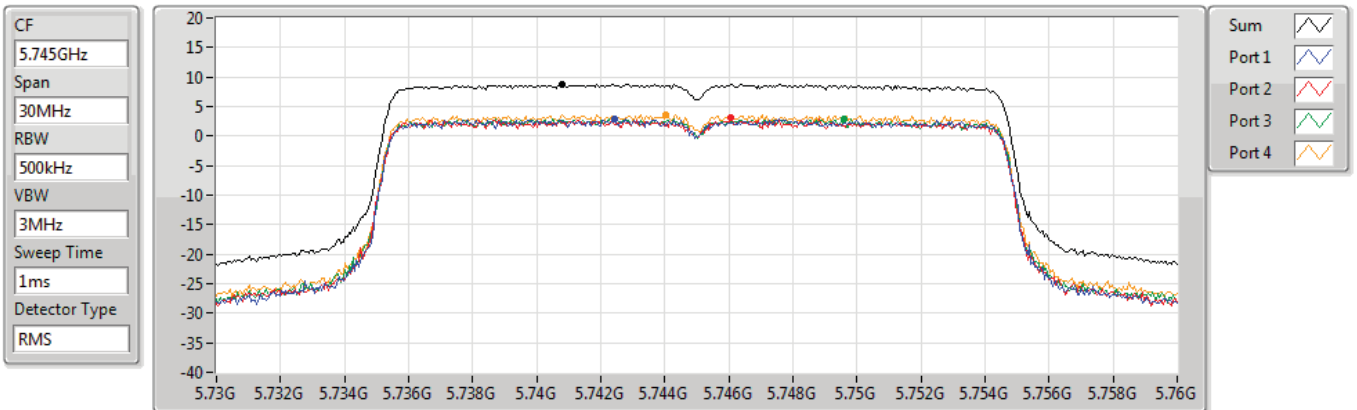


802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz

PSD

29/04/2022

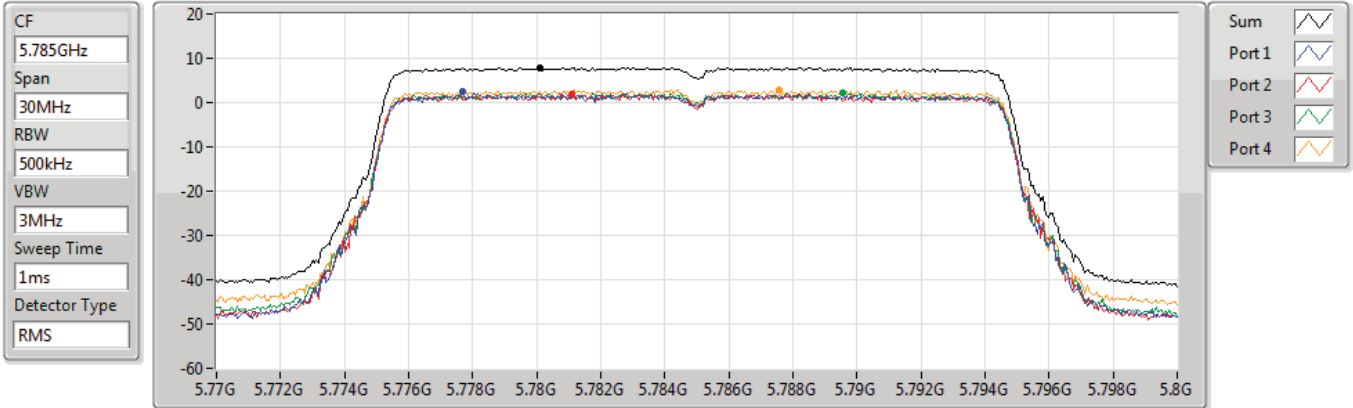


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5785MHz

29/04/2022



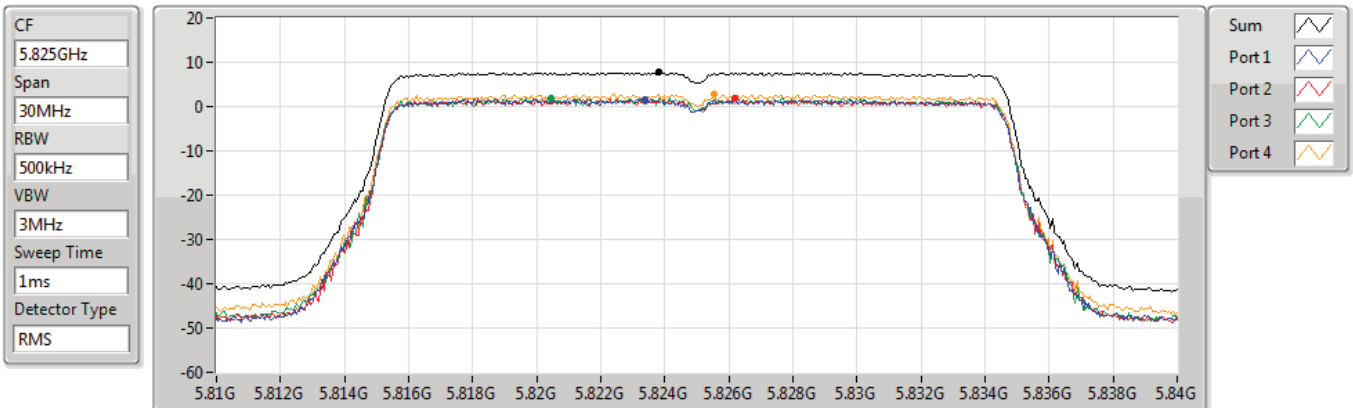
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	2.48	1.96	2.15	2.84

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5825MHz

29/04/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.72	7.72	1.61	1.83	1.89	2.74

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5190MHz

29/04/2022



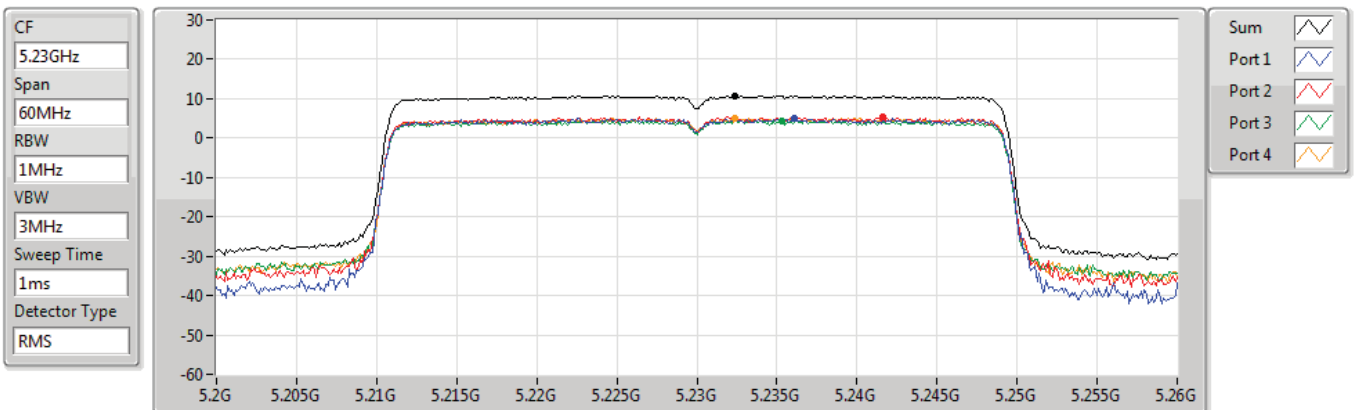
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)
8.44	8.44	2.80	3.34	2.24	2.97

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5230MHz

29/04/2022



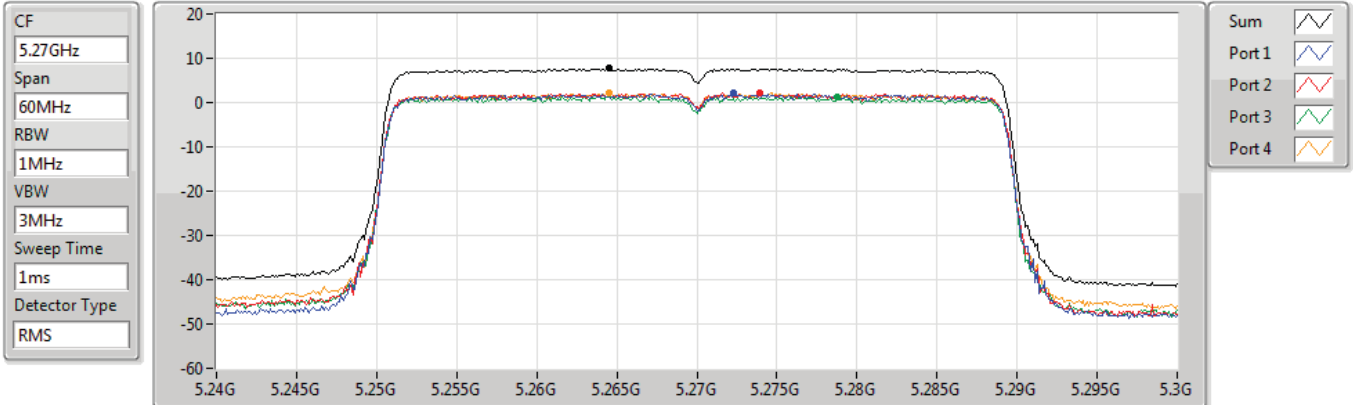
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)
10.69	10.69	5.03	5.41	4.47	5.06

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

29/04/2022



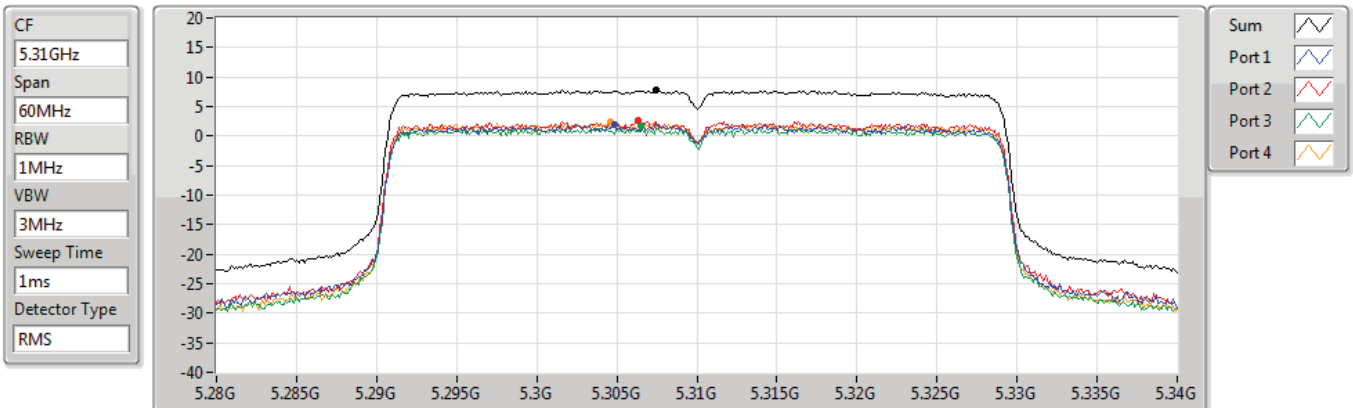
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.71	7.71	2.08	2.14	1.37	2.18

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

29/04/2022



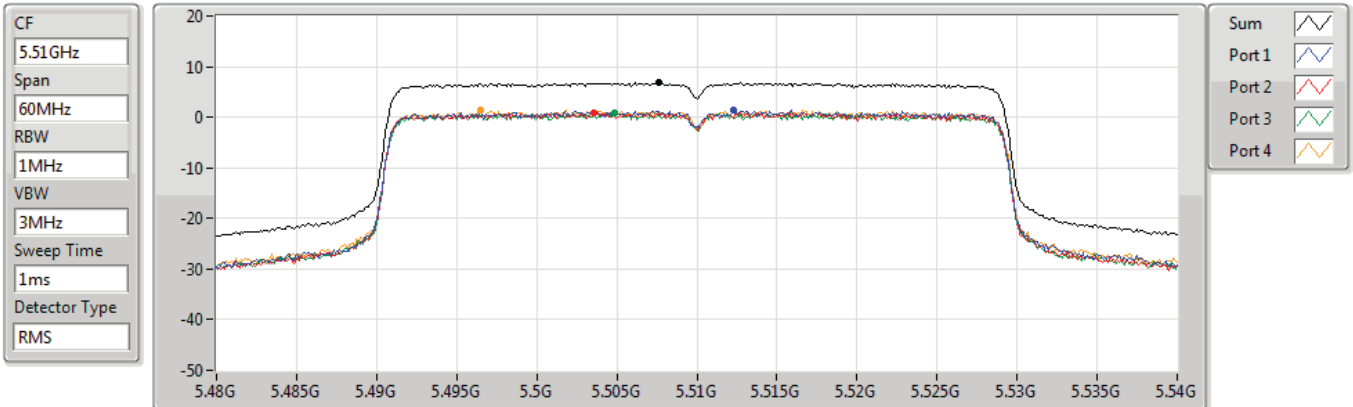
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.79	7.79	1.91	2.67	1.72	2.33

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

29/04/2022



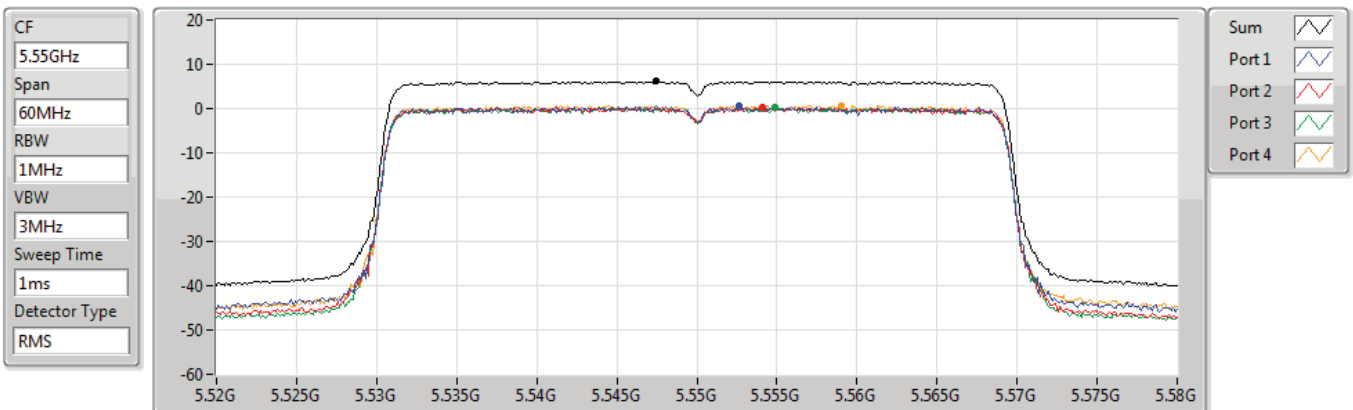
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.80	6.80	1.35	0.96	0.88	1.34

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

29/04/2022



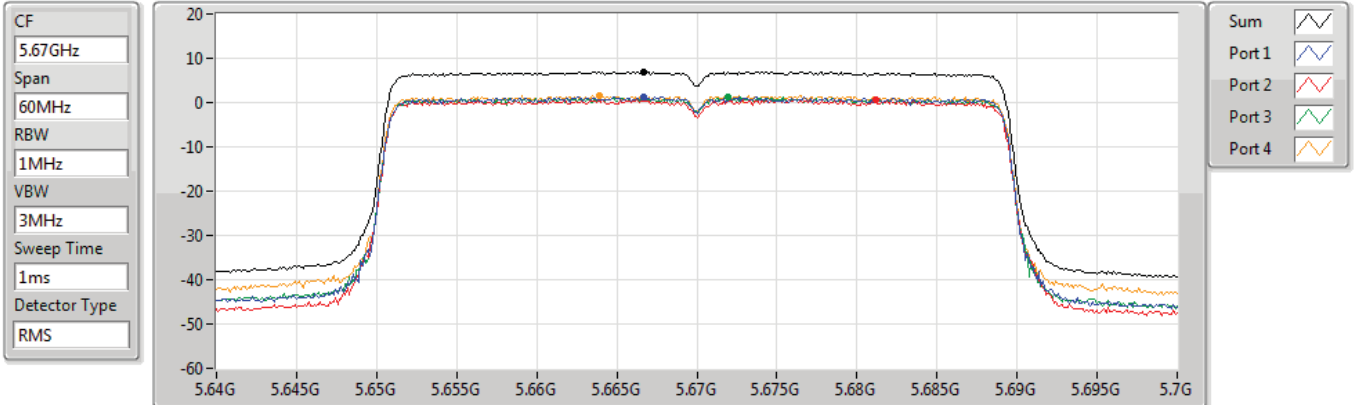
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.17	6.17	0.56	0.39	0.40	0.69

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

29/04/2022



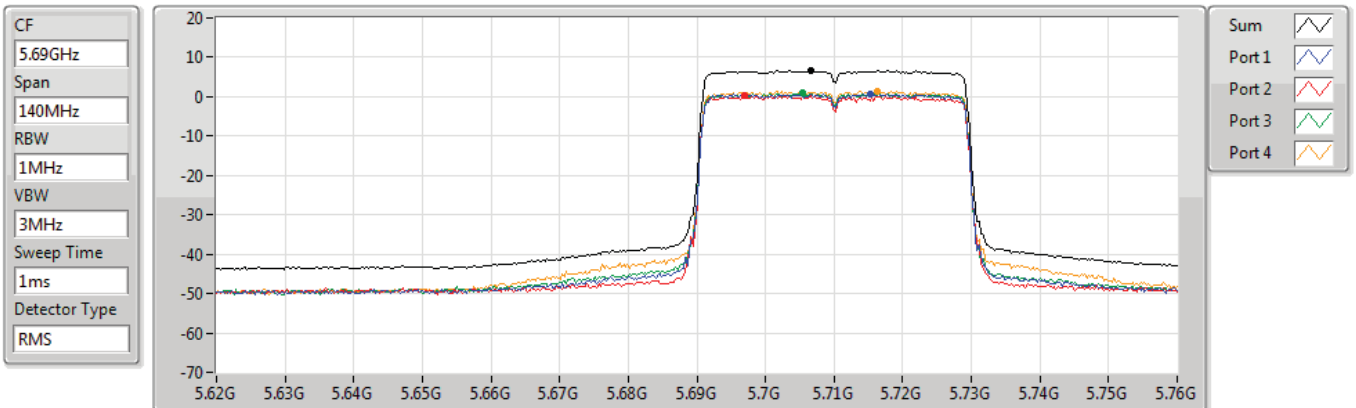
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.02	7.02	1.18	0.65	1.30	1.69

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

29/04/2022



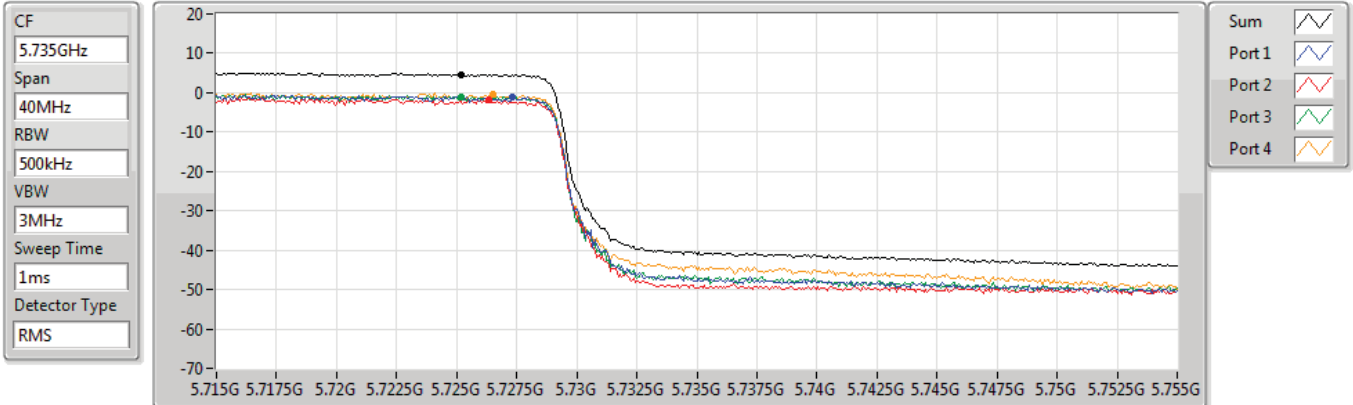
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.66	6.66	0.72	0.31	0.91	1.54

802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz

PSD

29/04/2022

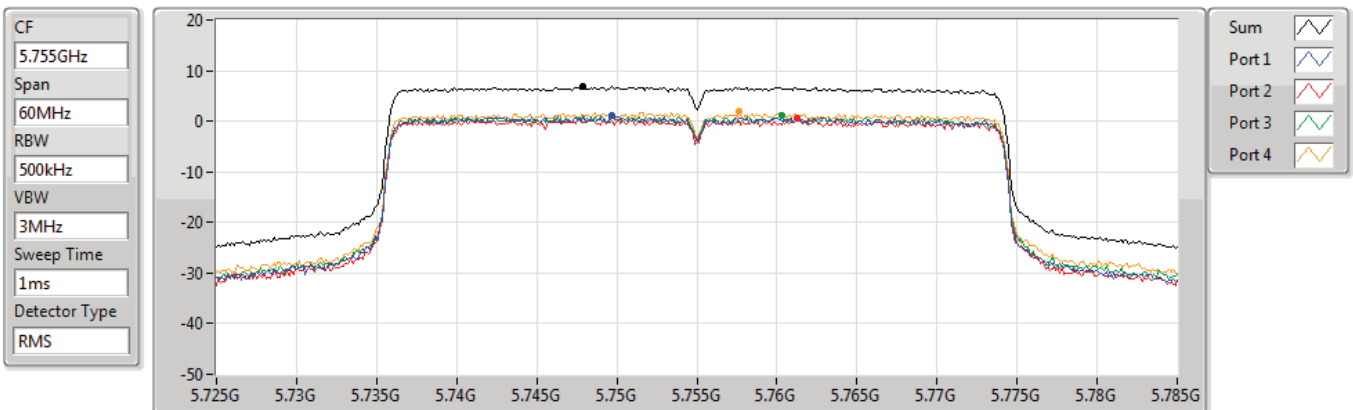


802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz

PSD

29/04/2022

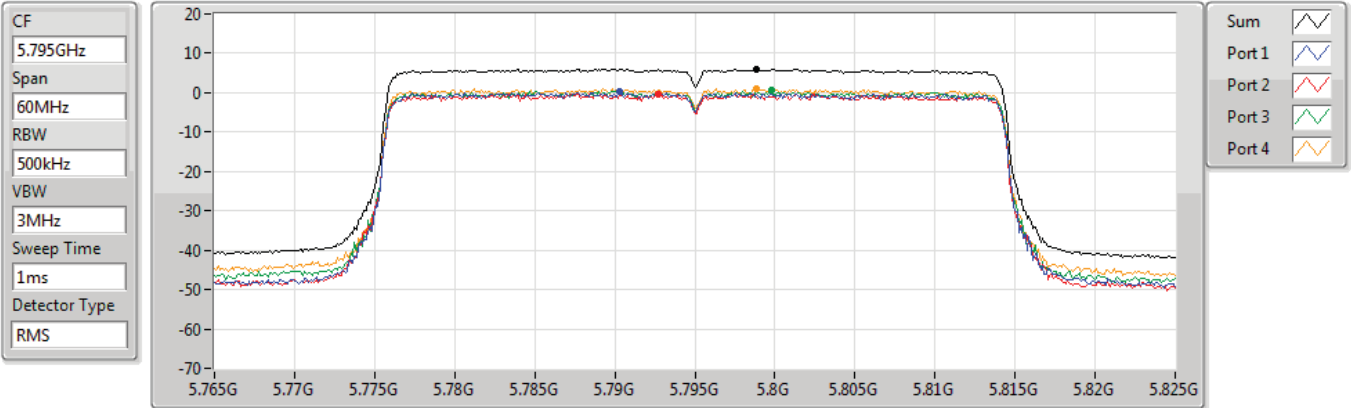


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5795MHz

29/04/2022



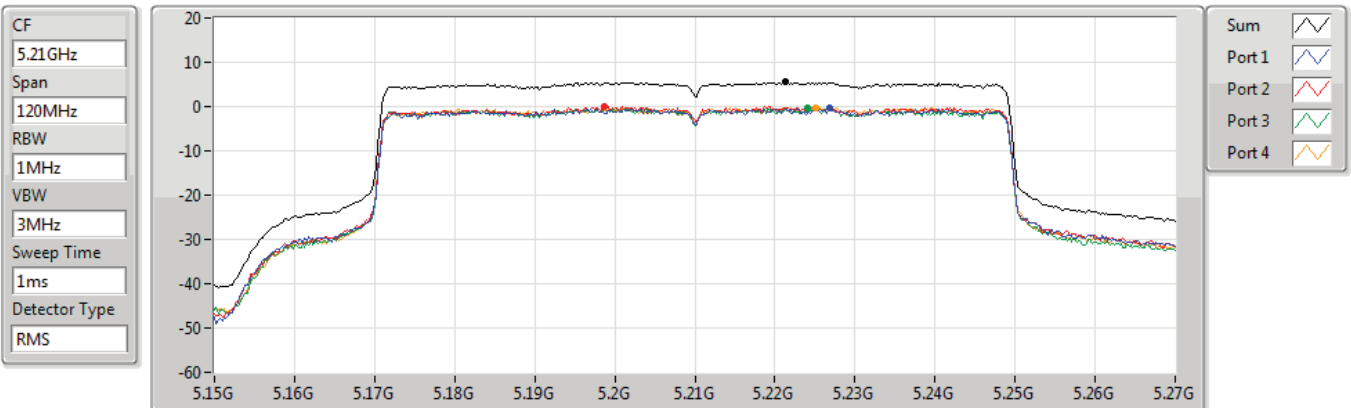
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.07	6.07	0.33	-0.30	0.51	1.07

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5210MHz

29/04/2022



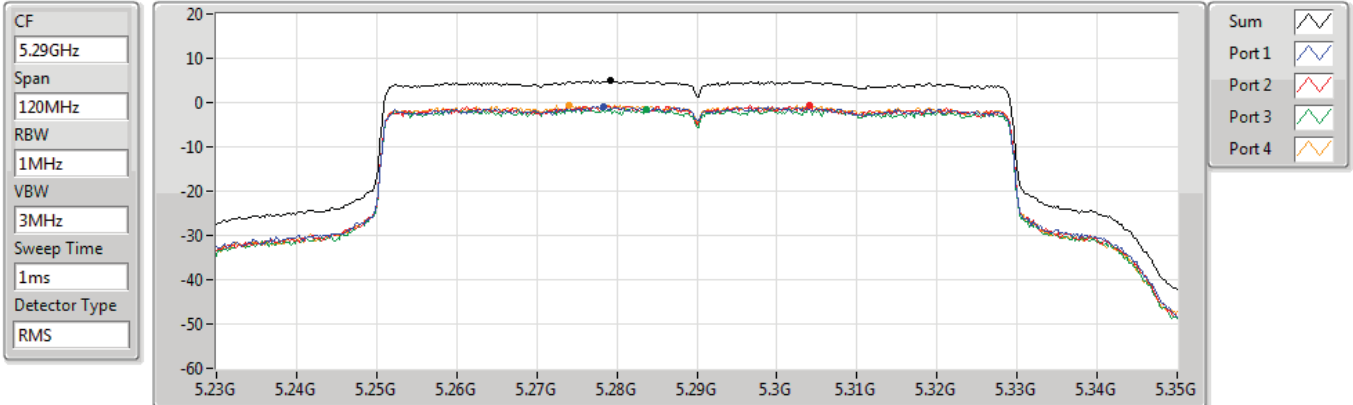
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.53	5.53	-0.44	0.04	-0.45	-0.19

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

29/04/2022

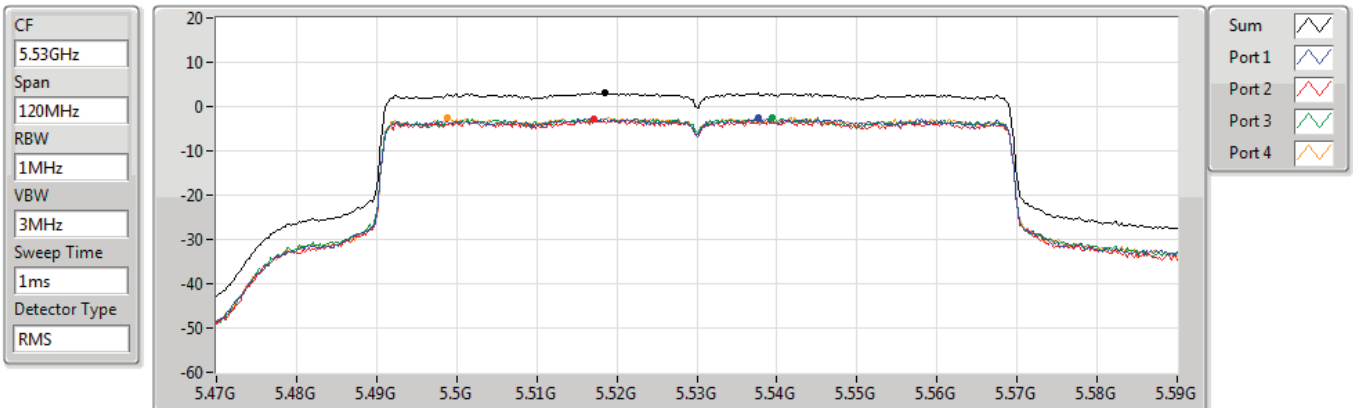


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

29/04/2022

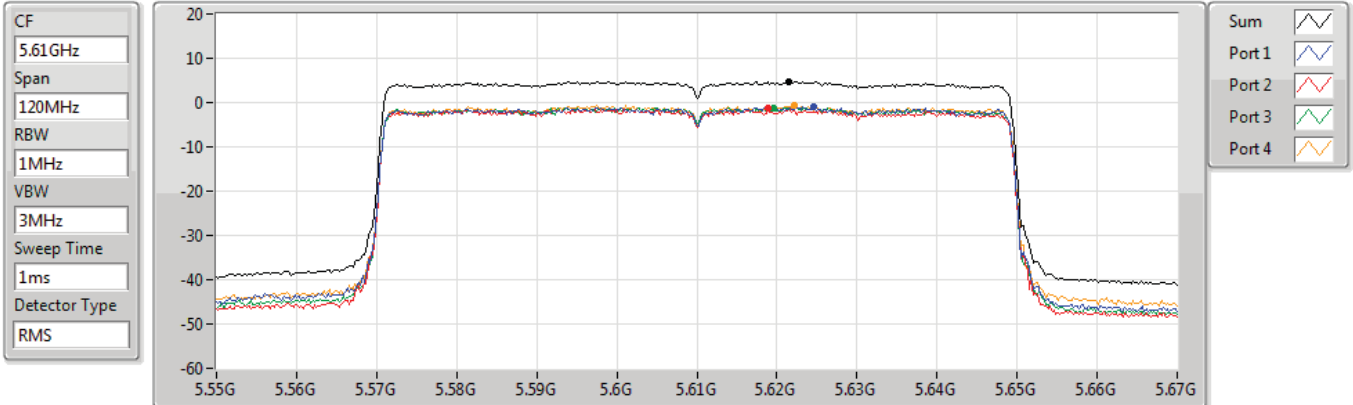


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

29/04/2022



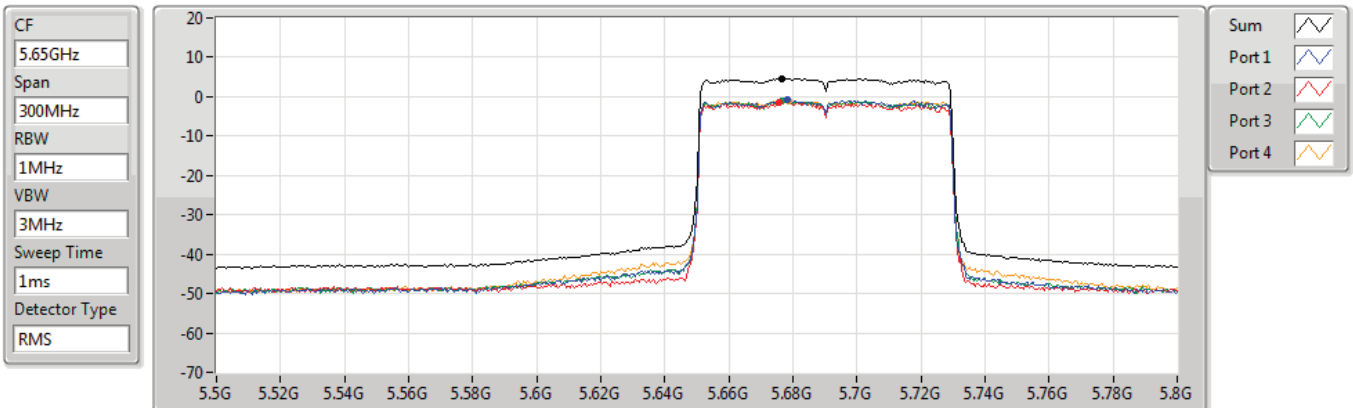
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.77	4.77	-0.88	-1.38	-1.19	-0.57

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

29/04/2022



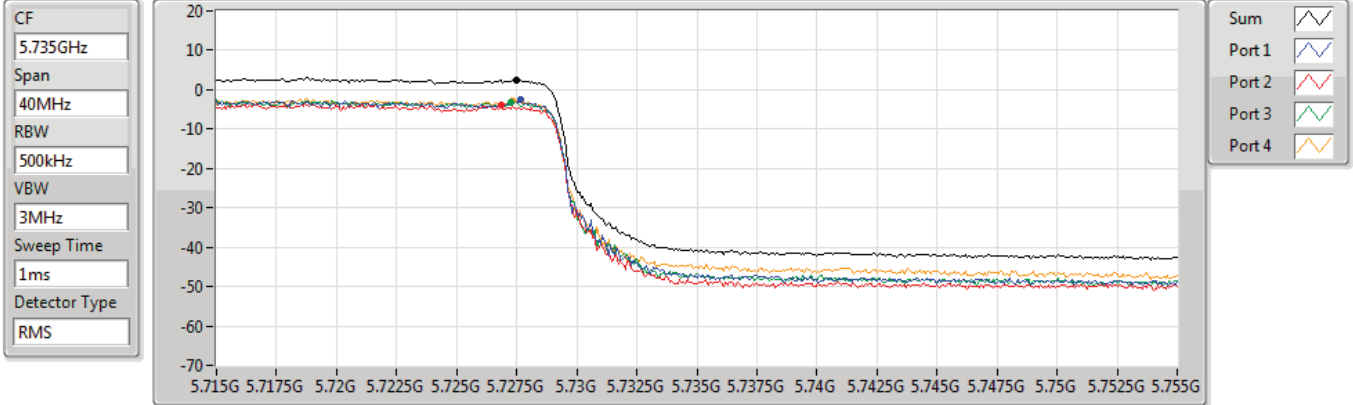
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.64	4.64	-0.88	-1.48	-1.18	-1.17

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

29/04/2022



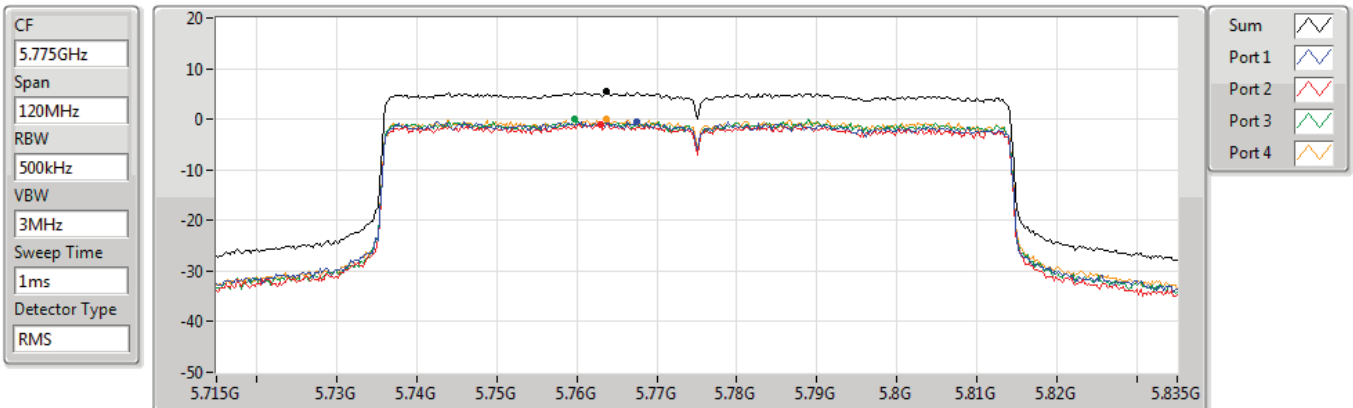
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.55	2.55	-2.63	-3.98	-3.15	-2.82

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5775MHz

29/04/2022



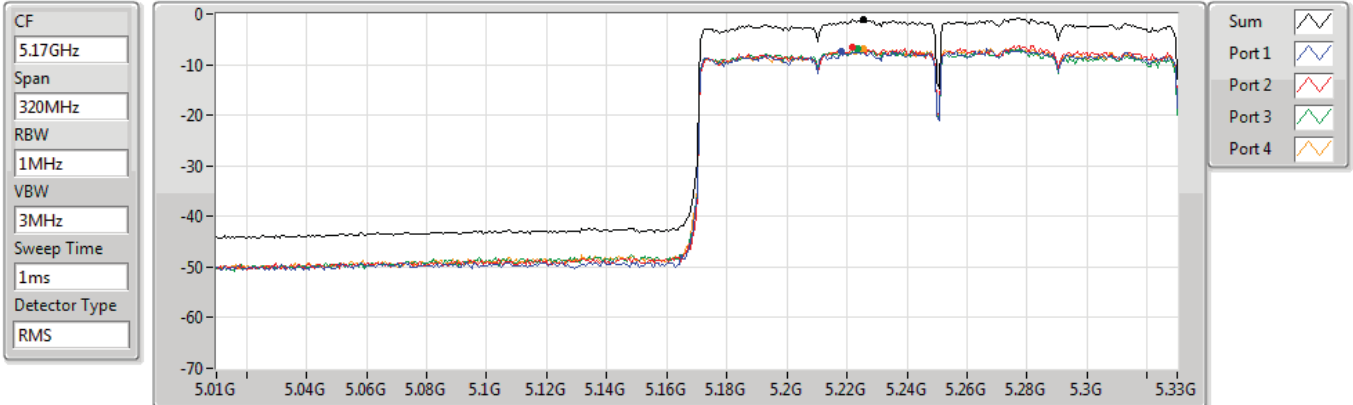
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.41	5.41	-0.43	-0.96	0.03	0.09

802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

29/04/2022



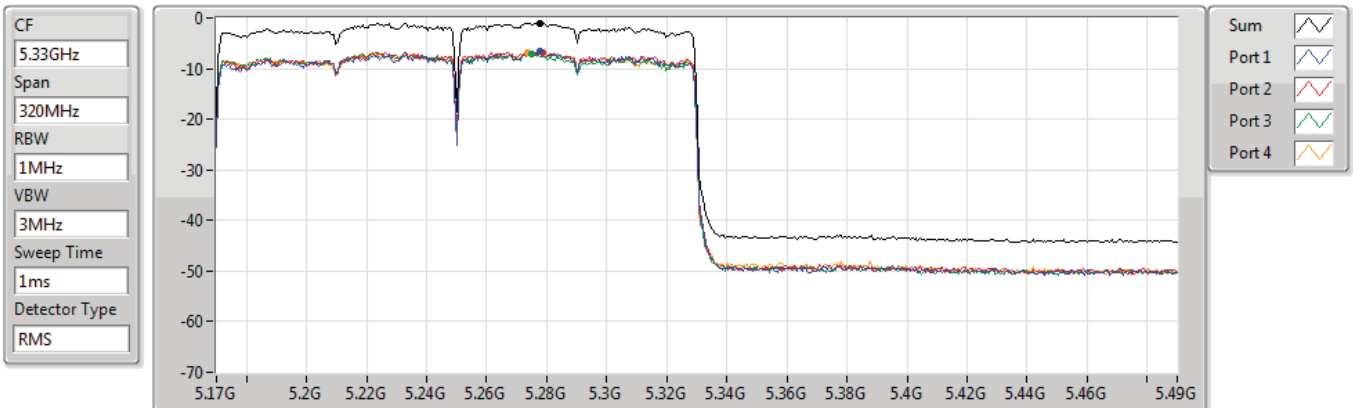
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.13	-1.13	-7.28	-6.57	-6.90	-6.80

802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

29/04/2022



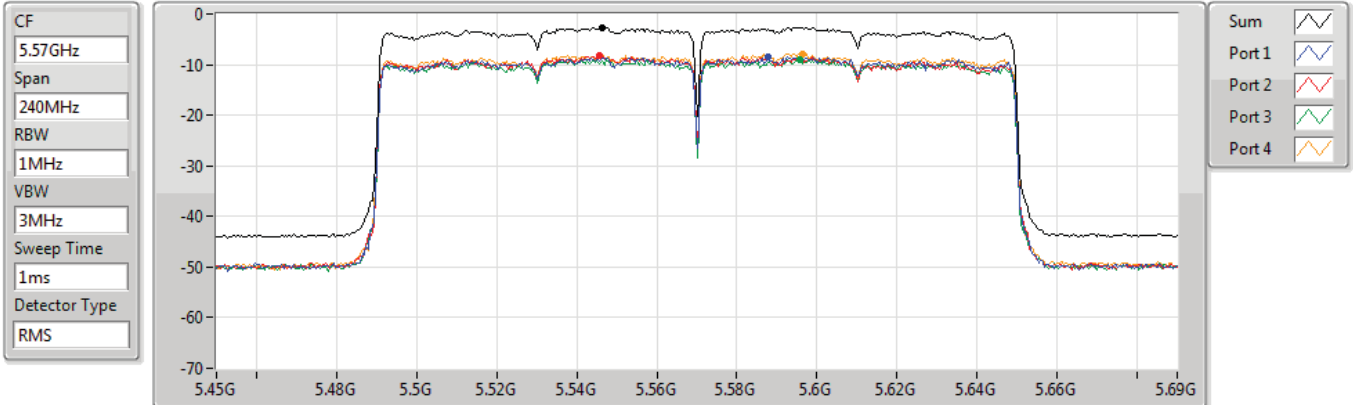
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.02	-1.02	-6.65	-6.74	-7.18	-6.84

802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5570MHz

29/04/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.60	-2.60	-8.52	-8.16	-9.02	-7.84



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.07	17.84
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	10.97	14.74
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	7.65	11.42
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-1.31	2.46
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.69	14.05
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	8.32	11.68
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	5.66	9.02
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-1.05	2.31
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.13	14.29
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	8.48	13.64
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	5.45	10.61
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-0.69	4.47
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.15	13.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	9.34	13.19
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.55	8.40

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)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.77	9.52	9.10	7.63	8.22	14.07	17.00	17.84	23.00
5200MHz	Pass	3.77	7.28	6.95	5.76	7.13	12.18	17.00	15.95	23.00
5240MHz	Pass	3.77	7.24	6.26	8.52	6.85	11.88	17.00	15.65	23.00
5260MHz	Pass	3.36	5.68	4.87	5.22	4.47	10.69	11.00	14.05	17.00
5300MHz	Pass	3.36	4.45	5.10	5.32	5.40	10.15	11.00	13.51	17.00
5320MHz	Pass	3.36	5.41	4.33	4.16	4.36	10.26	11.00	13.62	17.00
5500MHz	Pass	5.16	2.64	5.52	2.77	3.38	9.13	11.00	14.29	17.00
5580MHz	Pass	5.16	4.48	3.82	3.40	3.55	8.73	11.00	13.89	17.00
5700MHz	Pass	5.16	3.92	3.31	3.82	4.57	9.07	11.00	14.23	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.16	3.45	2.49	3.37	3.85	8.78	11.00	13.94	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.85	2.06	1.71	0.44	0.98	7.12	30.00	10.97	36.00
5745MHz	Pass	3.85	3.69	3.47	3.69	3.72	9.15	30.00	13.00	36.00
5785MHz	Pass	3.85	4.17	3.51	3.89	3.82	8.99	30.00	12.84	36.00
5825MHz	Pass	3.85	1.58	1.62	2.03	2.00	7.42	30.00	11.27	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.77	7.55	5.51	3.64	5.62	10.90	17.00	14.67	23.00
5230MHz	Pass	3.77	6.20	6.78	6.26	7.07	10.97	17.00	14.74	23.00
5270MHz	Pass	3.36	2.73	2.60	2.78	2.19	7.94	11.00	11.30	17.00
5310MHz	Pass	3.36	2.73	2.61	4.75	2.81	8.32	11.00	11.68	17.00
5510MHz	Pass	5.16	2.73	4.31	2.30	3.20	8.48	11.00	13.64	17.00
5550MHz	Pass	5.16	3.45	2.95	3.99	4.83	8.40	11.00	13.56	17.00
5670MHz	Pass	5.16	3.74	1.93	3.82	3.79	7.88	11.00	13.04	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.16	3.15	2.48	3.04	3.29	7.65	11.00	12.81	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.85	-0.04	-0.43	1.58	-0.96	5.97	30.00	9.82	36.00
5755MHz	Pass	3.85	3.70	3.91	3.95	4.68	9.34	30.00	13.19	36.00
5795MHz	Pass	3.85	4.19	2.76	3.66	3.57	8.82	30.00	12.67	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.77	3.29	3.71	1.56	2.77	7.65	17.00	11.42	23.00
5290MHz	Pass	3.36	0.85	-0.22	1.28	1.31	5.66	11.00	9.02	17.00
5530MHz	Pass	5.16	1.54	1.08	0.74	1.28	5.45	11.00	10.61	17.00
5610MHz	Pass	5.16	1.22	0.70	-1.10	1.47	4.83	11.00	9.99	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.16	0.21	-1.35	1.00	1.22	4.81	11.00	9.97	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.85	-4.37	-5.04	-5.48	-2.19	1.84	30.00	5.69	36.00
5775MHz	Pass	3.85	0.10	0.39	-0.21	-0.66	4.55	30.00	8.40	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.77	-5.13	-5.50	-4.92	-7.56	-1.31	17.00	2.46	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.36	-4.84	-5.37	-10.42	-4.68	-1.05	11.00	2.31	17.00
5570MHz	Pass	5.16	-4.33	-4.34	-6.02	-3.76	-0.69	11.00	4.47	17.00

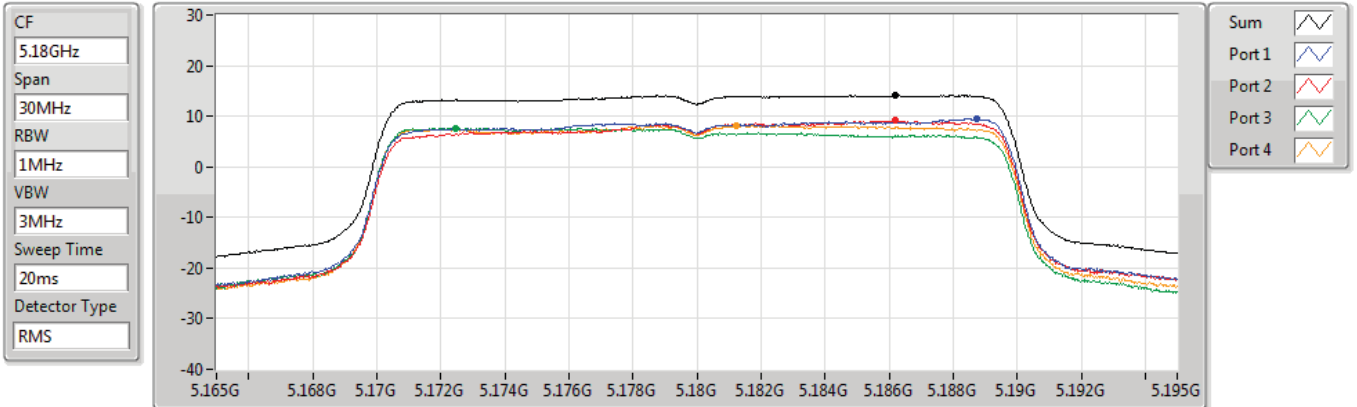
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

11/05/2022

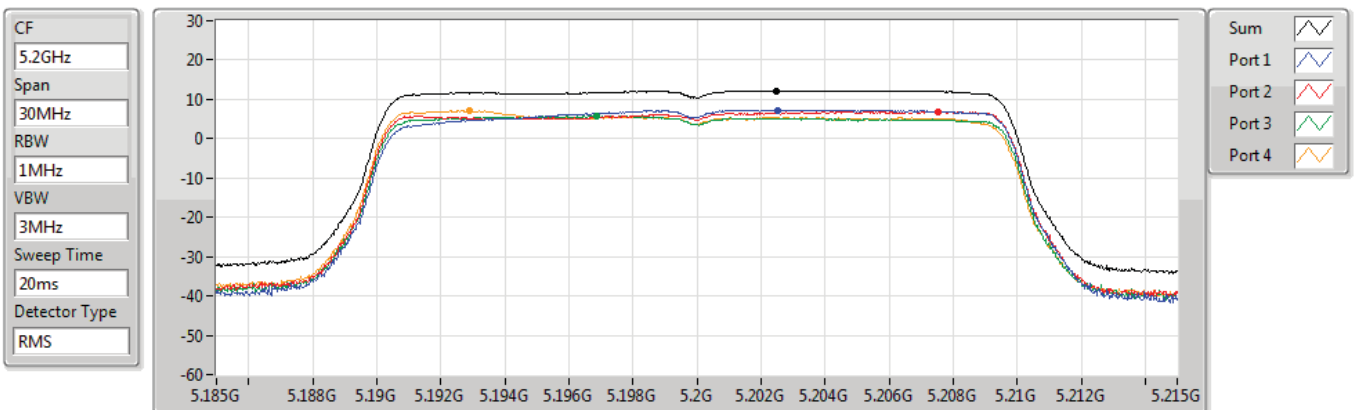


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

11/05/2022

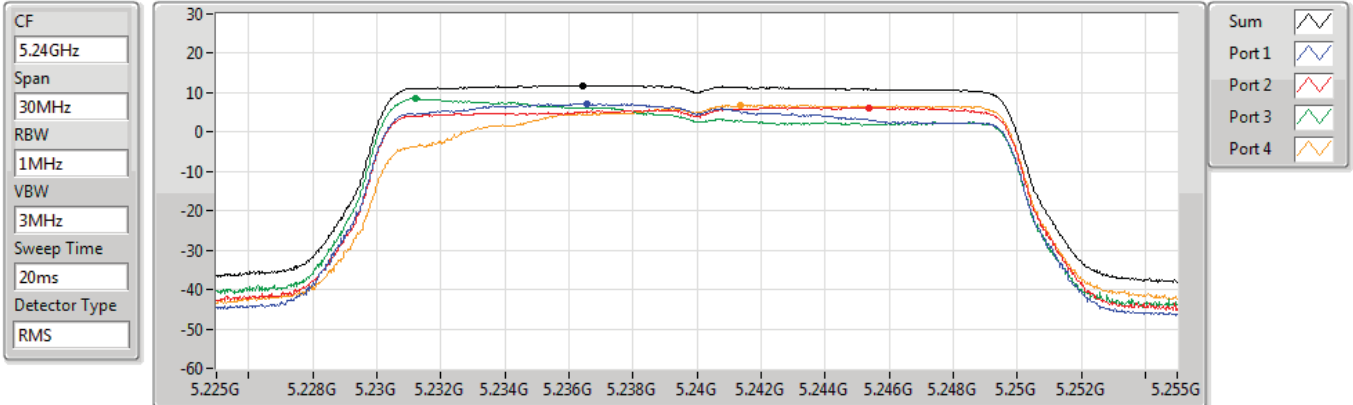


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

11/05/2022



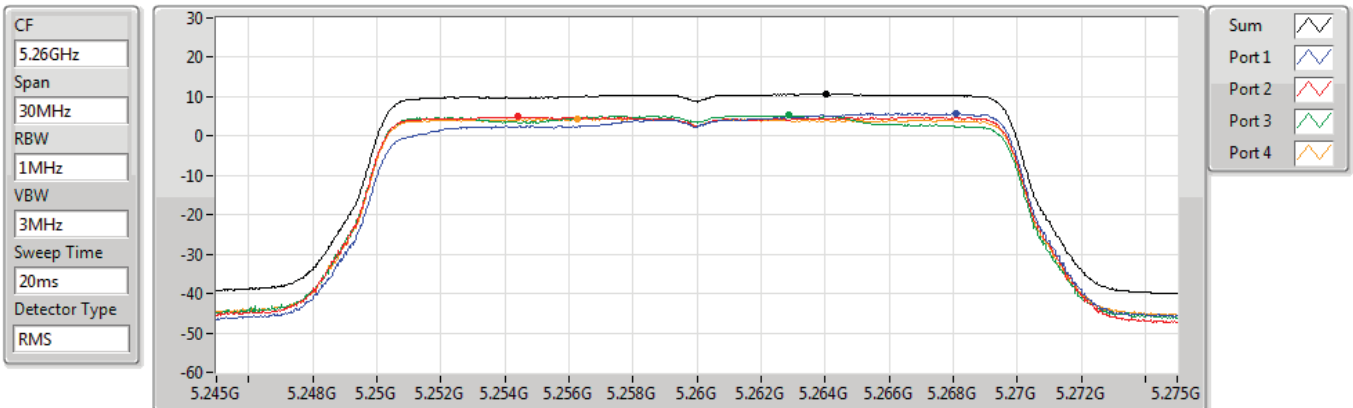
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.88	11.88	7.24	6.26	8.52	6.85

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

11/05/2022



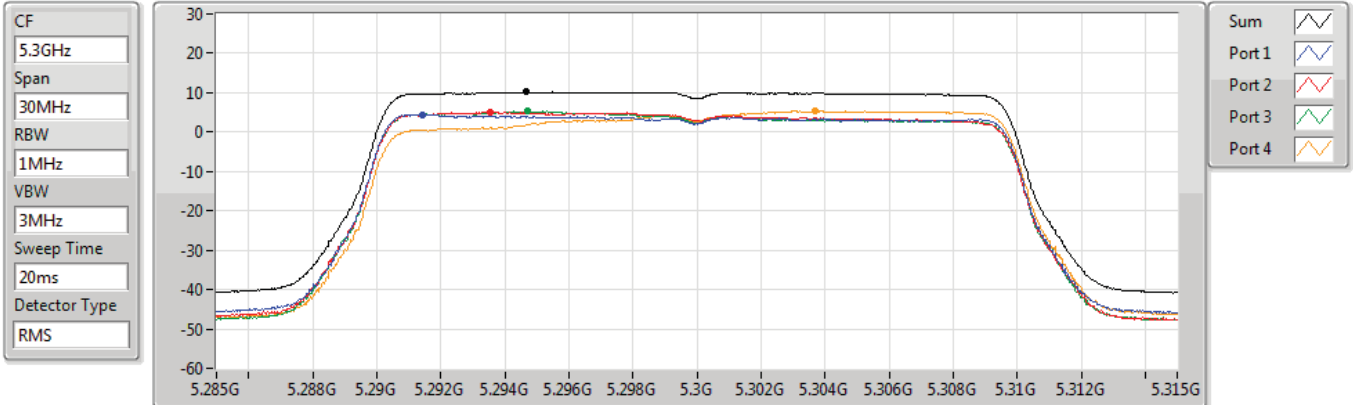
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.69	10.69	5.68	4.87	5.22	4.47

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

11/05/2022



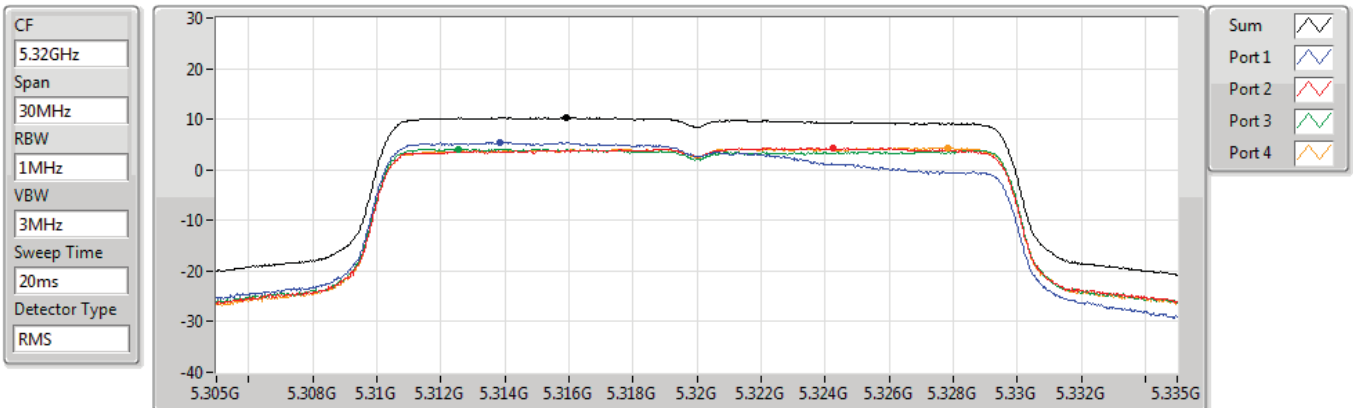
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.15	10.15	4.45	5.10	5.32	5.40

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

11/05/2022



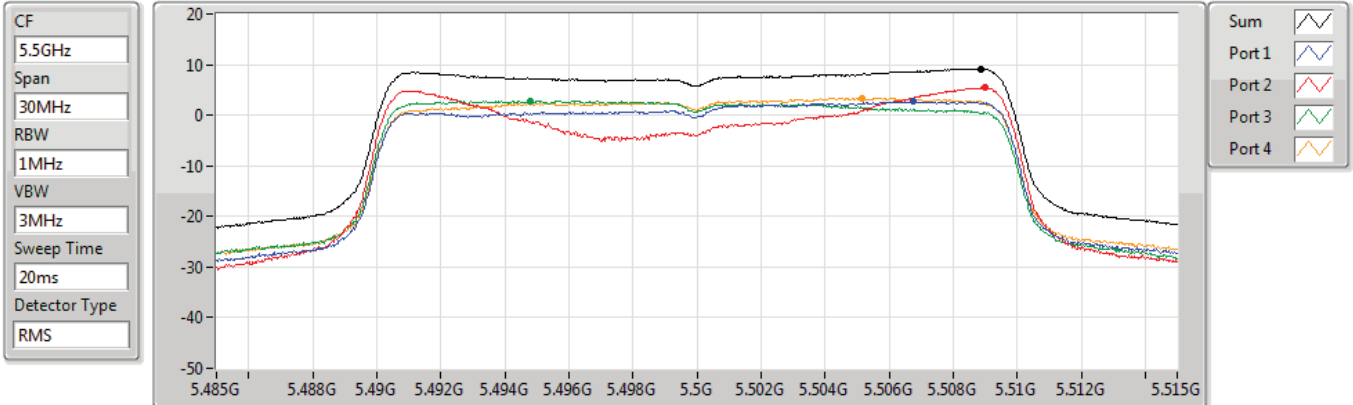
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.26	10.26	5.41	4.33	4.16	4.36

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

11/05/2022



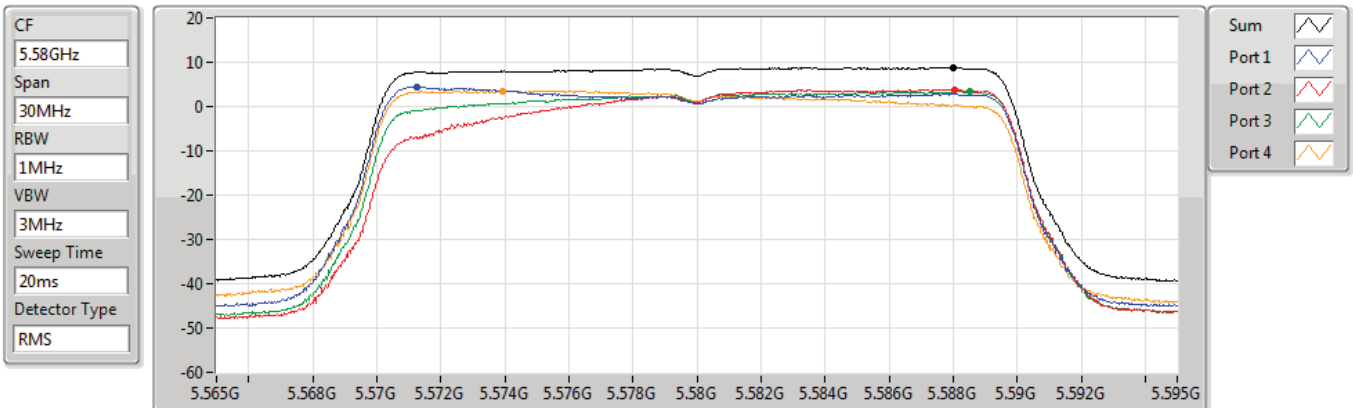
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.13	9.13	2.64	5.52	2.77	3.38

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

11/05/2022



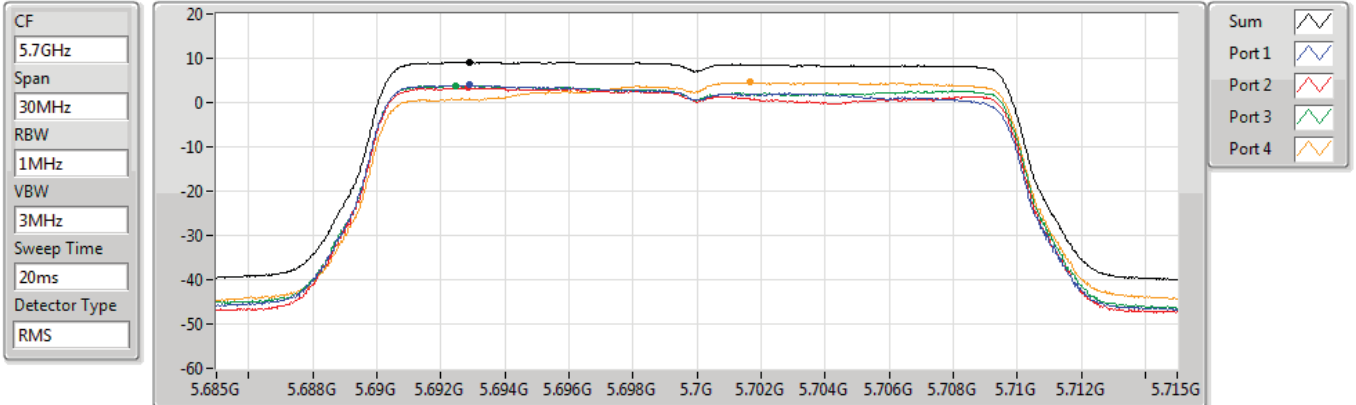
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.73	8.73	4.48	3.82	3.40	3.55

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

11/05/2022



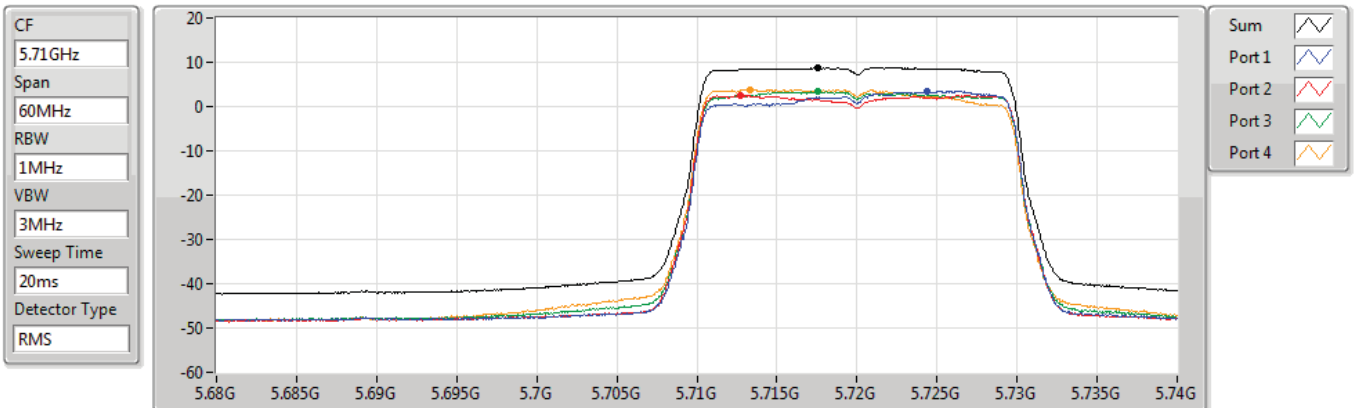
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.07	9.07	3.92	3.31	3.82	4.57

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

11/05/2022



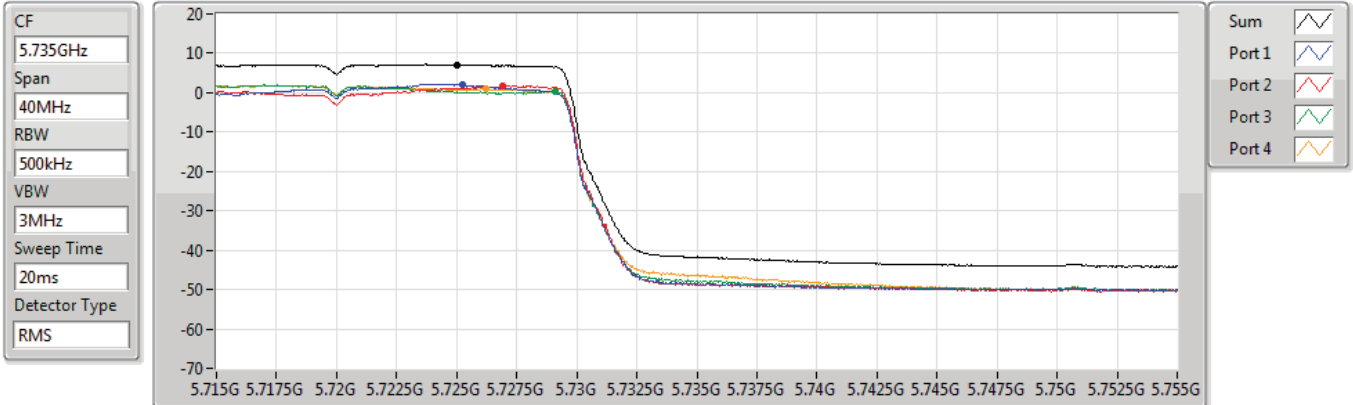
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.78	8.78	3.45	2.49	3.37	3.85

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

11/05/2022



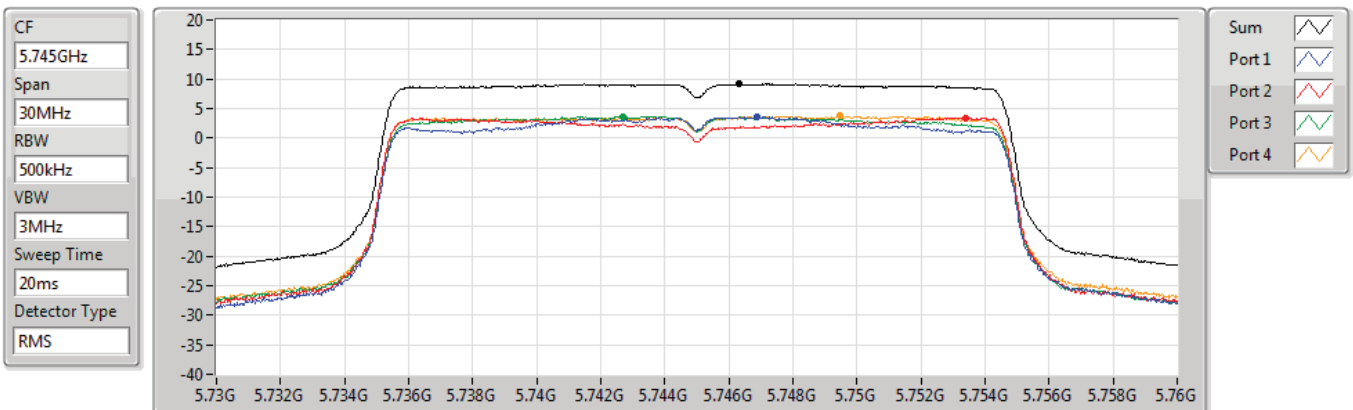
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.12	7.12	2.06	1.71	0.44	0.98

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5745MHz

11/05/2022



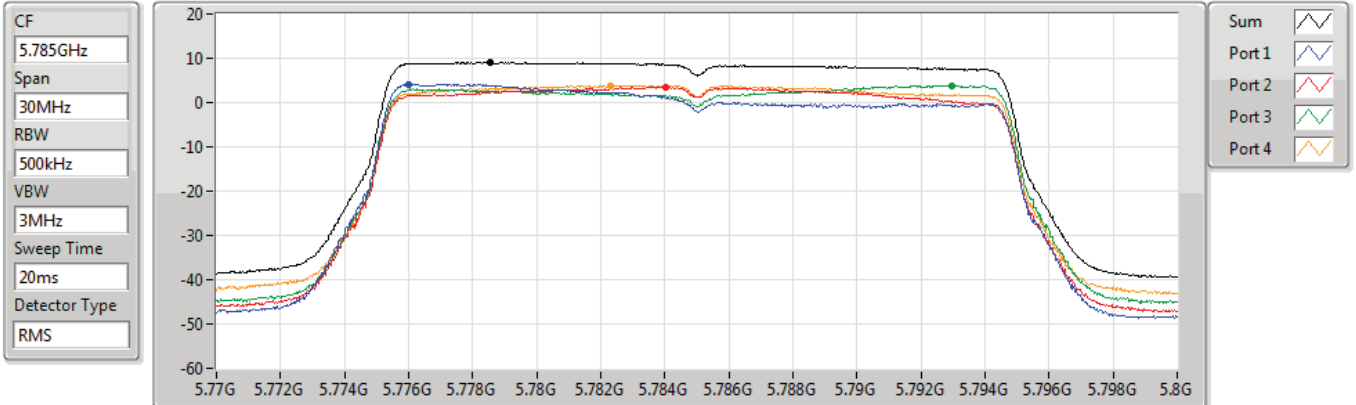
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.15	9.15	3.69	3.47	3.69	3.72

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

11/05/2022

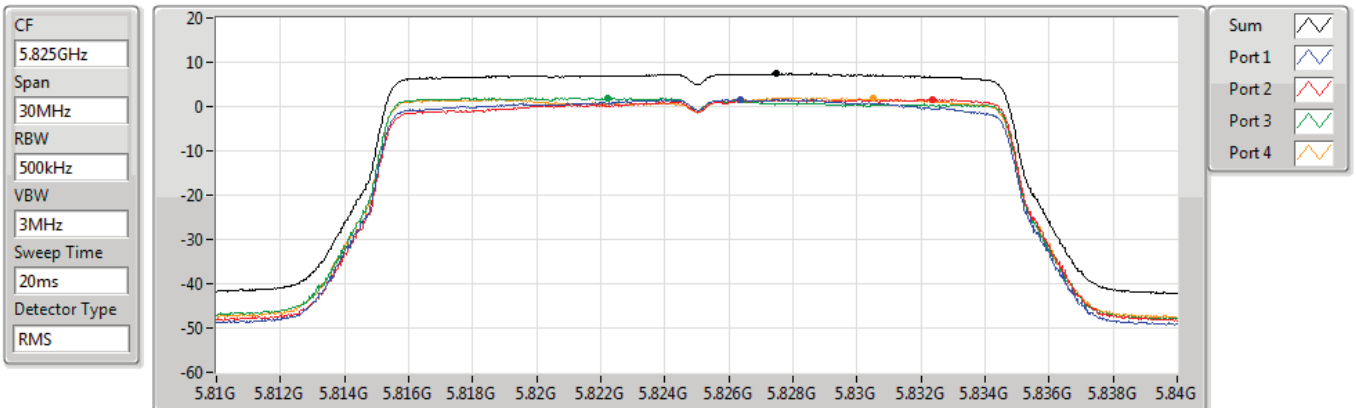


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

11/05/2022

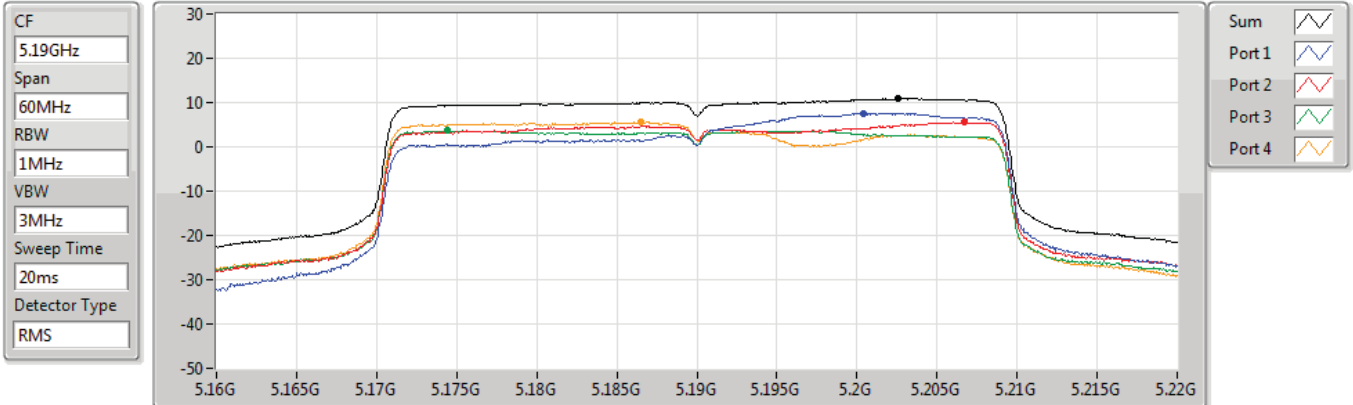


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

11/05/2022



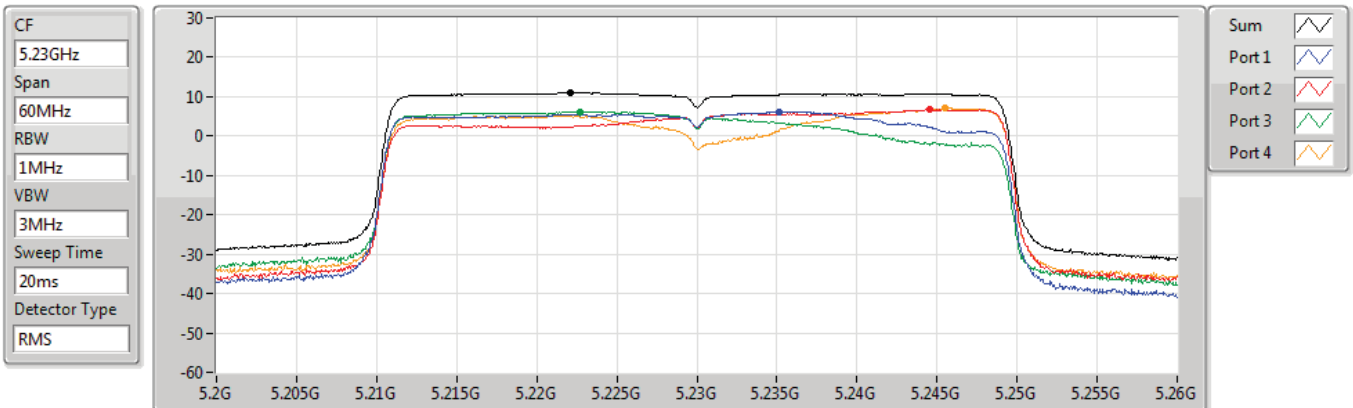
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.90	10.90	7.55	5.51	3.64	5.62

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

11/05/2022



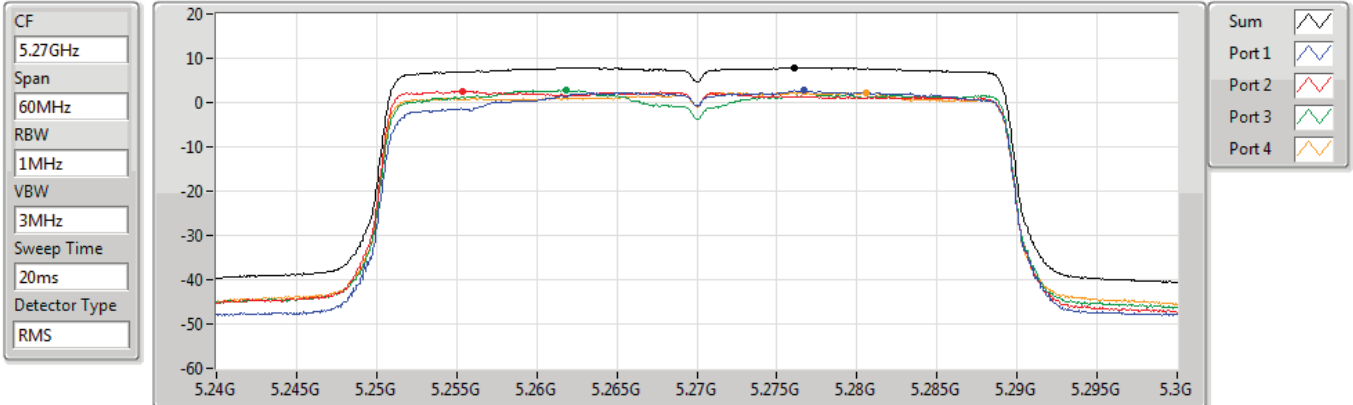
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.97	10.97	6.20	6.78	6.26	7.07

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

11/05/2022



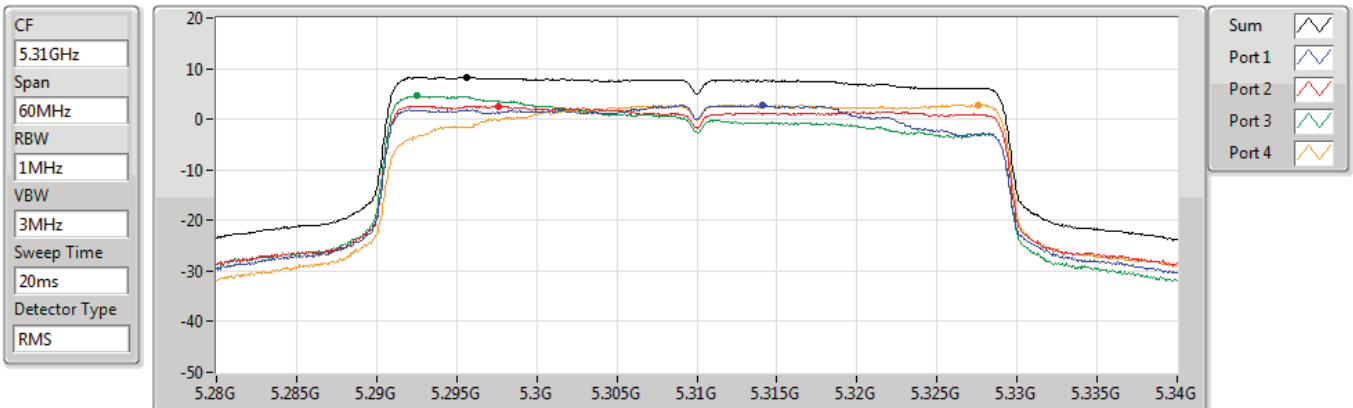
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.94	7.94	2.73	2.60	2.78	2.19

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

11/05/2022



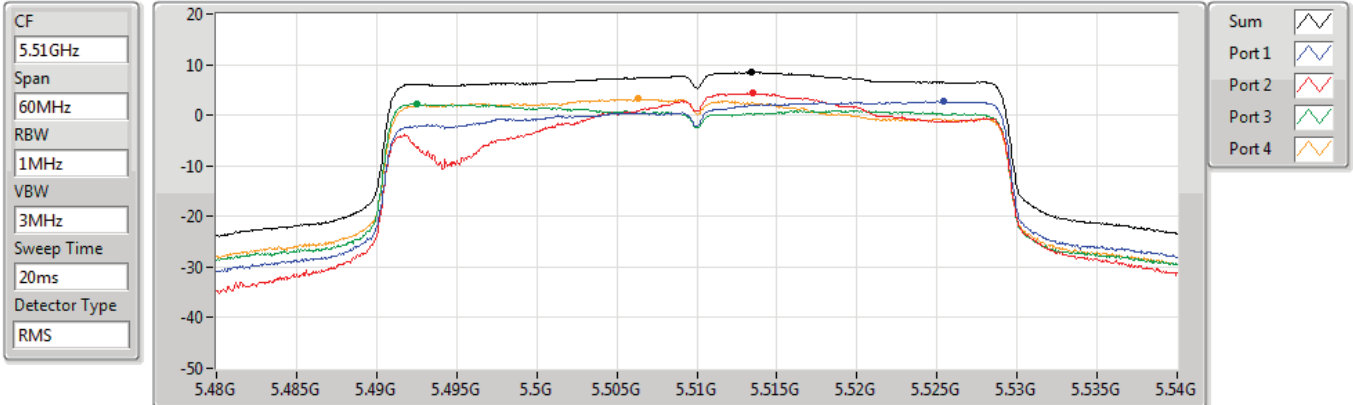
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.32	8.32	2.73	2.61	4.75	2.81

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

11/05/2022



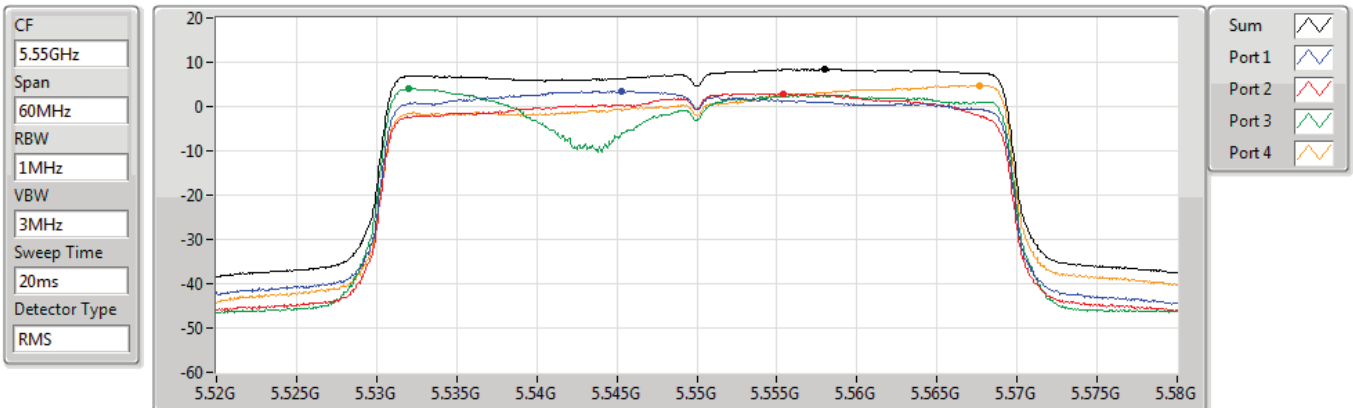
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.48	8.48	2.73	4.31	2.30	3.20

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

12/05/2022



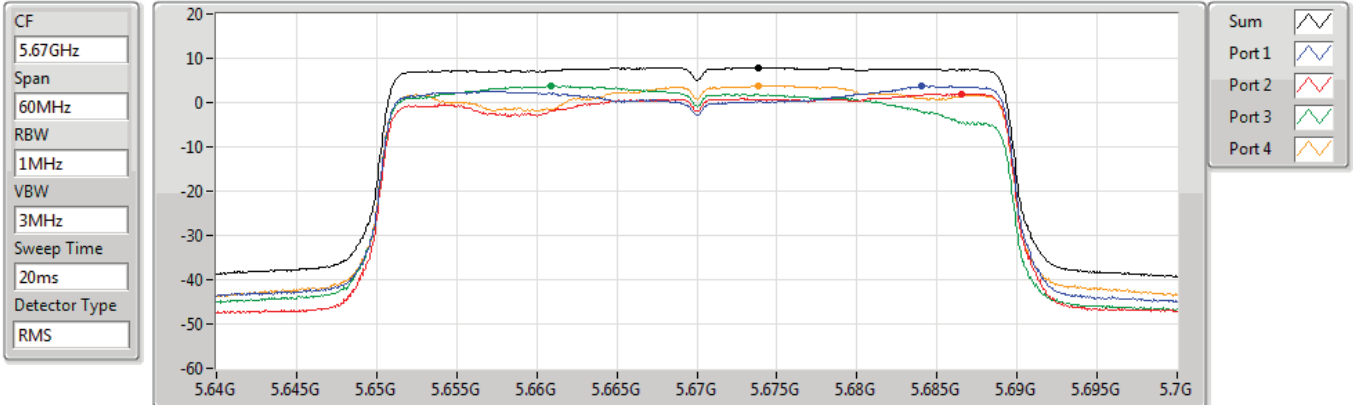
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.40	8.40	3.45	2.95	3.99	4.83

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

12/05/2022



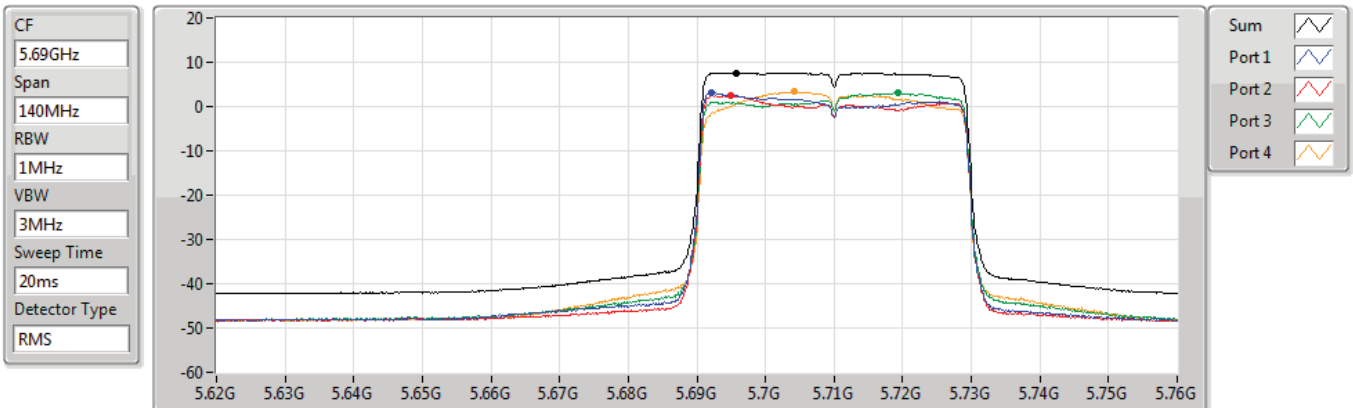
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.88	7.88	3.74	1.93	3.82	3.79

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

12/05/2022



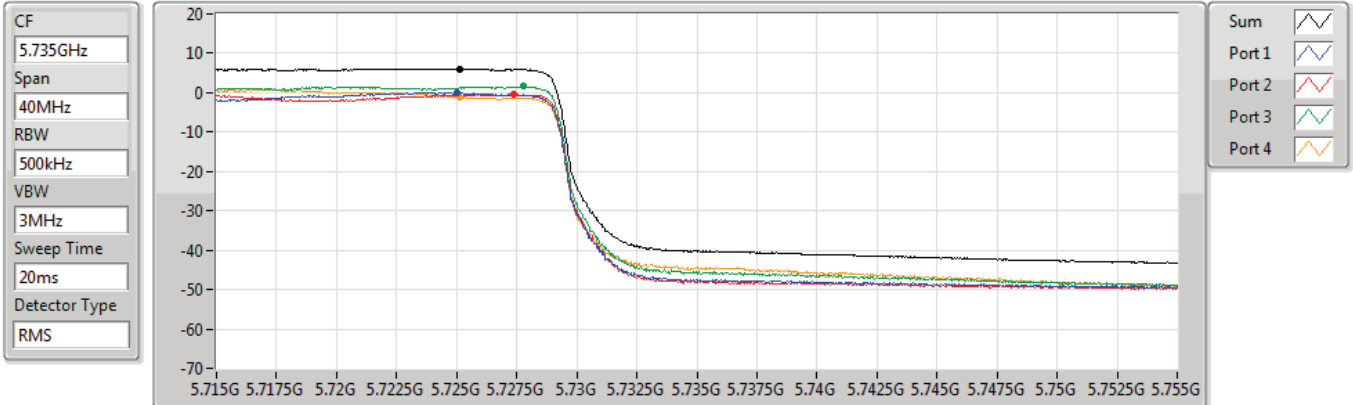
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.65	7.65	3.15	2.48	3.04	3.29

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

12/05/2022

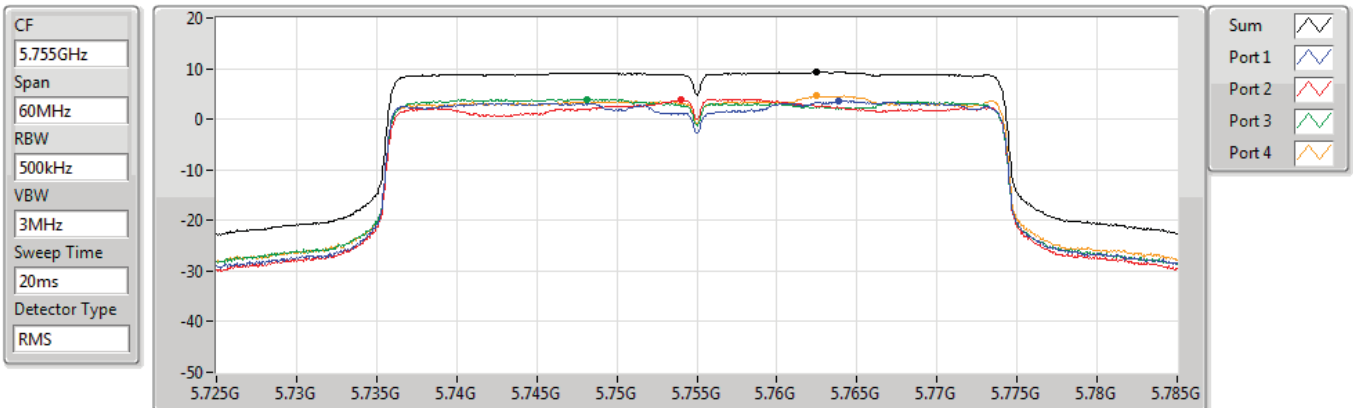


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

12/05/2022

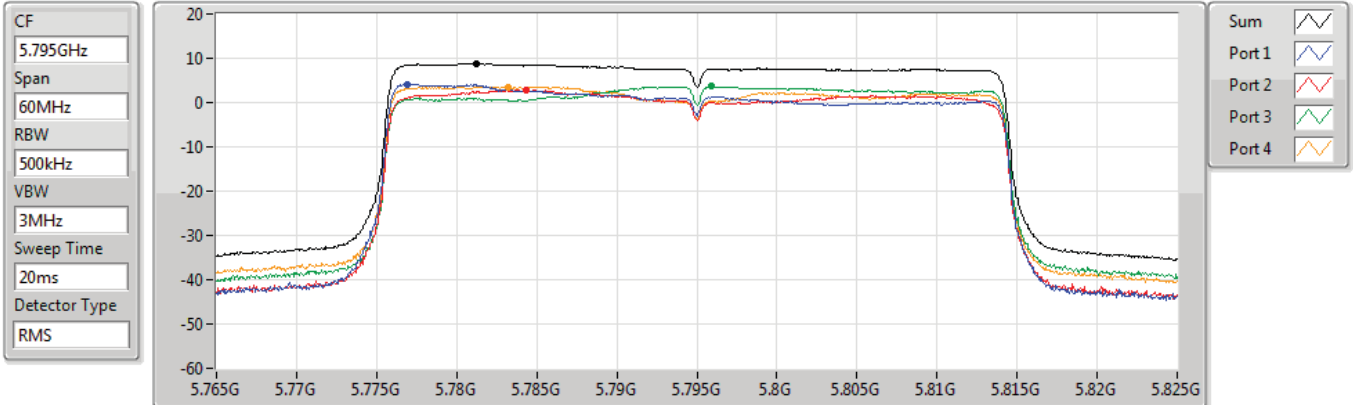


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

12/05/2022



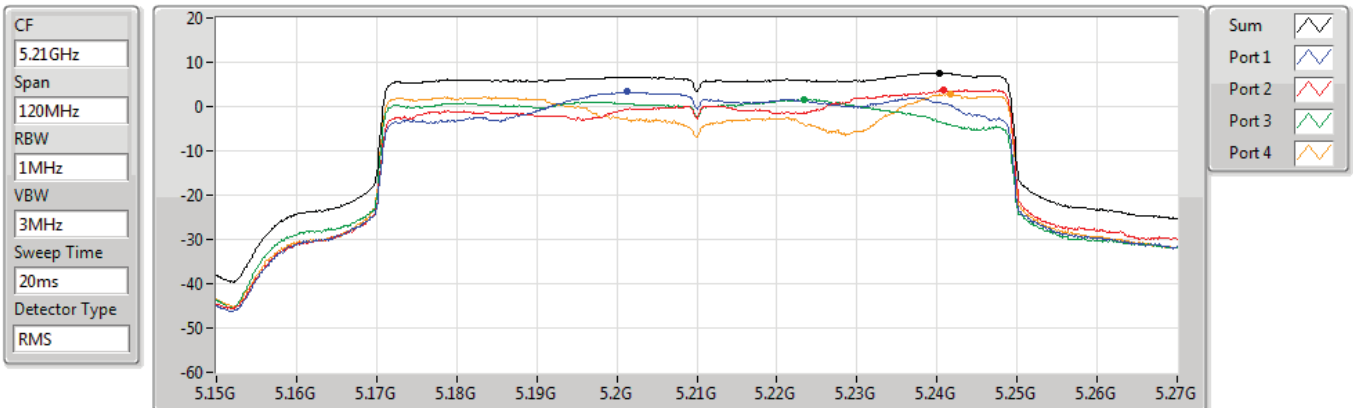
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.82	8.82	4.19	2.76	3.66	3.57

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

12/05/2022



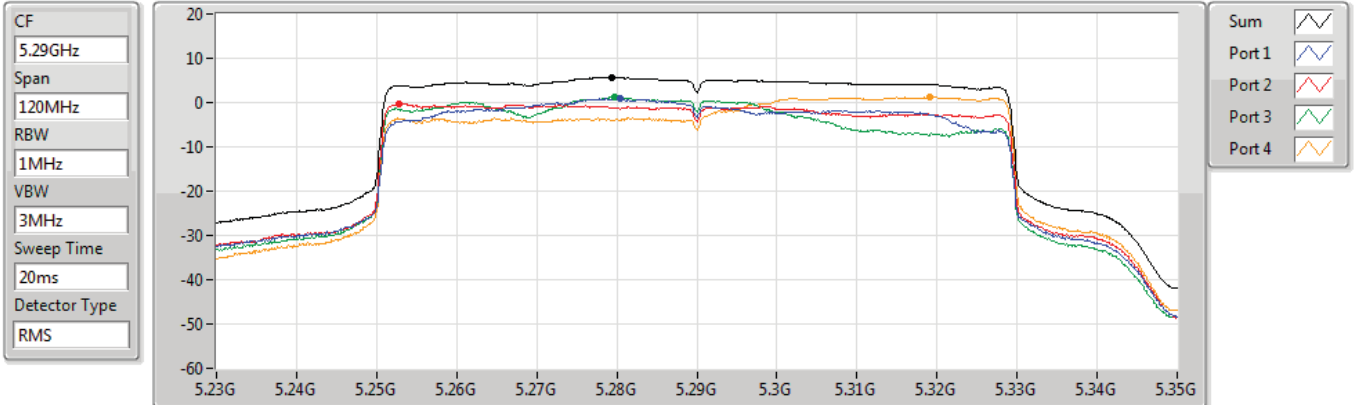
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.65	7.65	3.29	3.71	1.56	2.77

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

12/05/2022

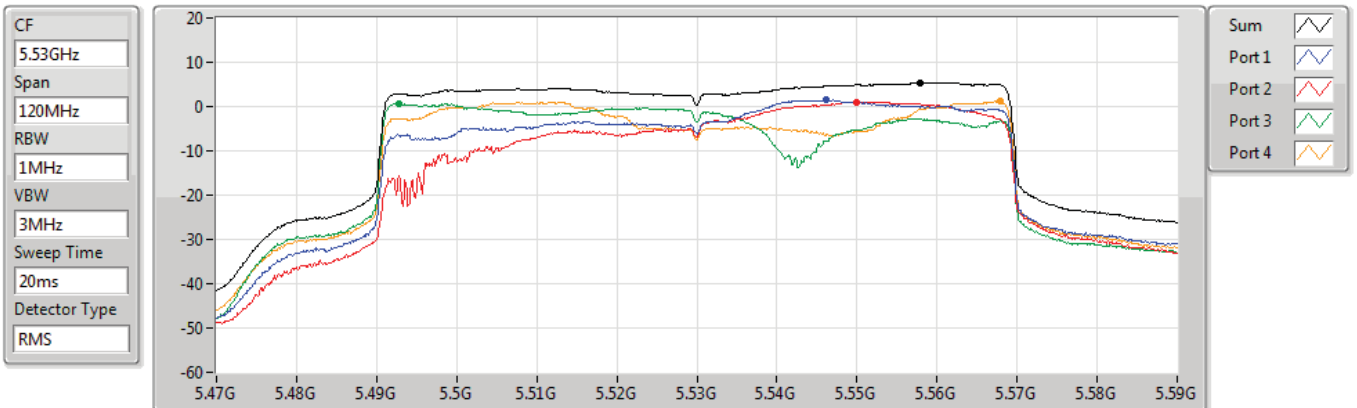


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

12/05/2022

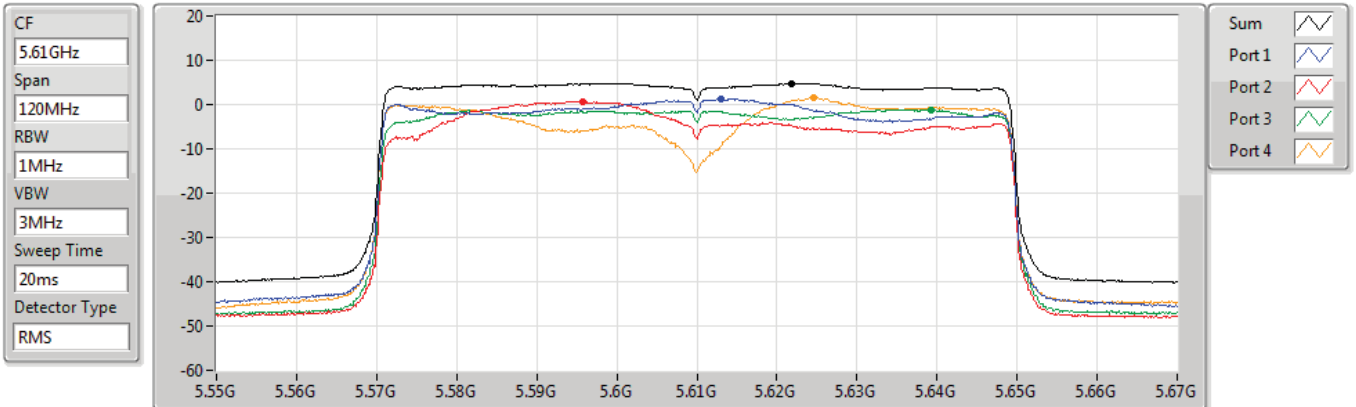


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

12/05/2022

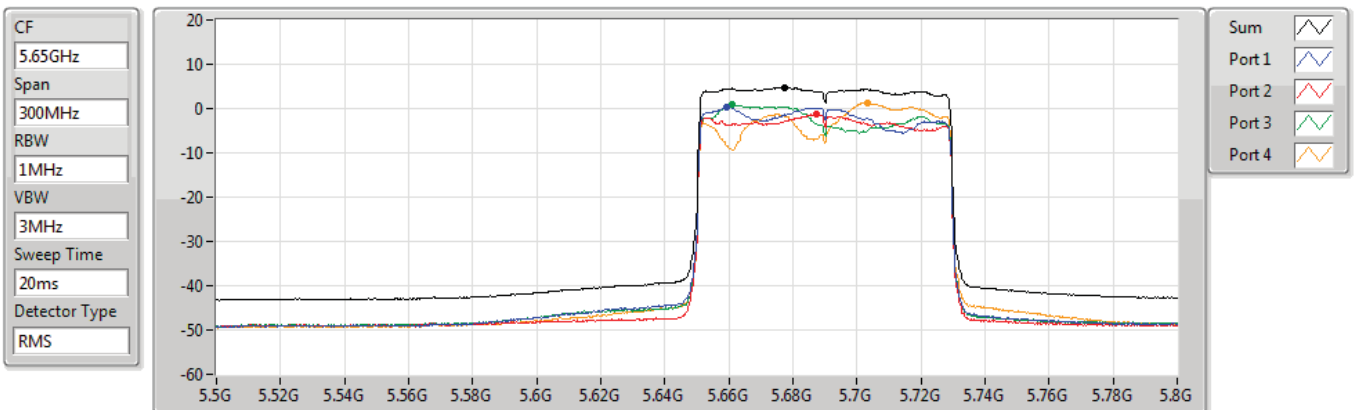


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

12/05/2022

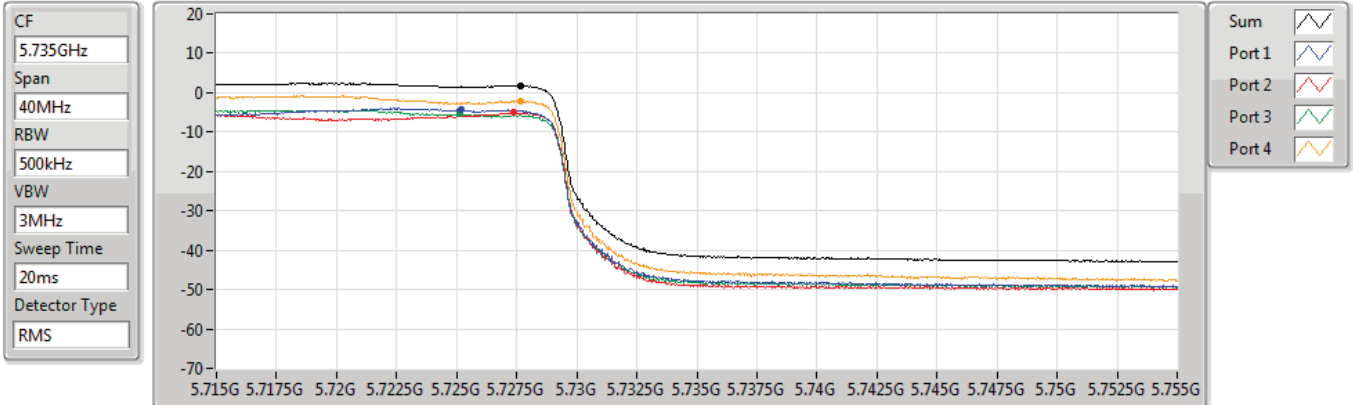


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

12/05/2022



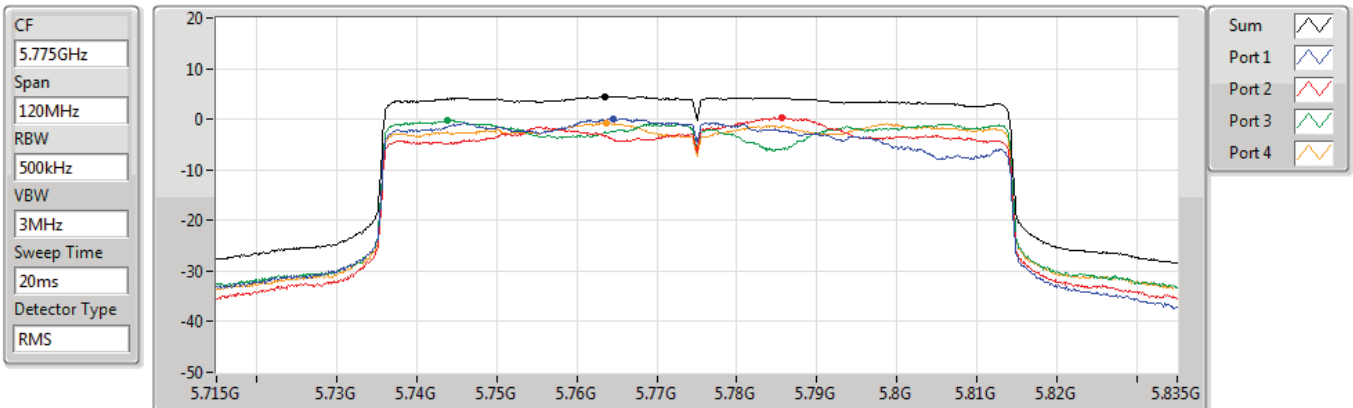
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.84	1.84	-4.37	-5.04	-5.48	-2.19

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

12/05/2022



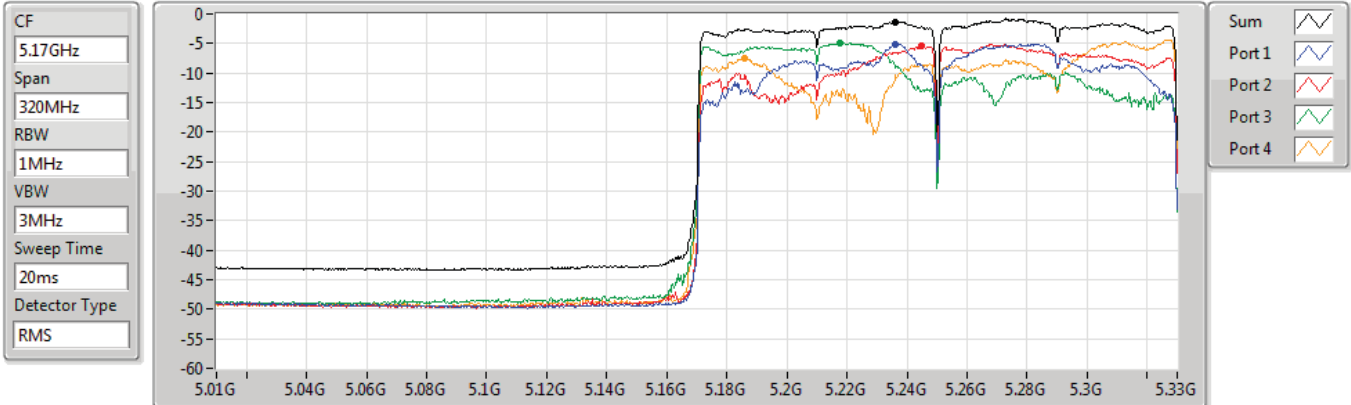
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.55	4.55	0.10	0.39	-0.21	-0.66

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

12/05/2022



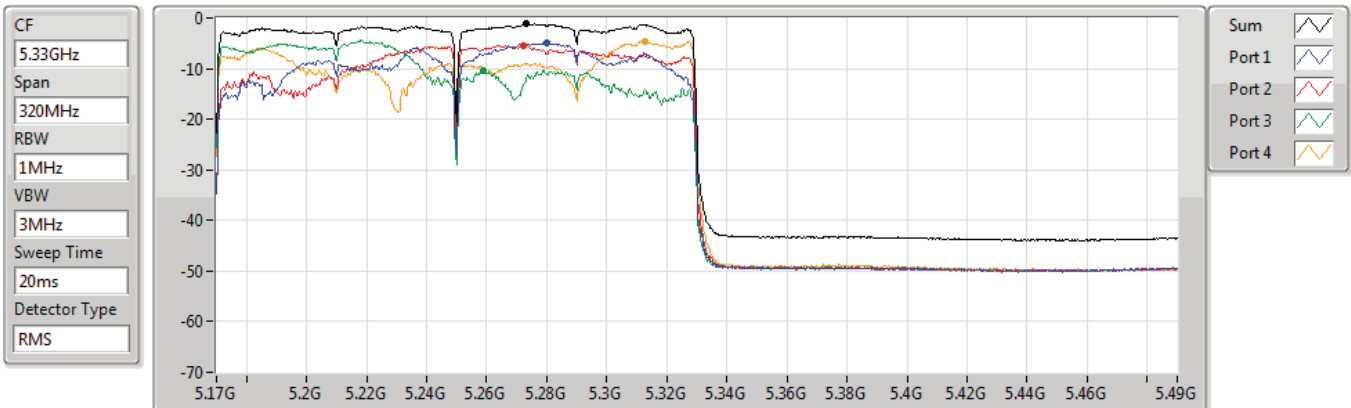
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.31	-1.31	-5.13	-5.50	-4.92	-7.56

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

12/05/2022



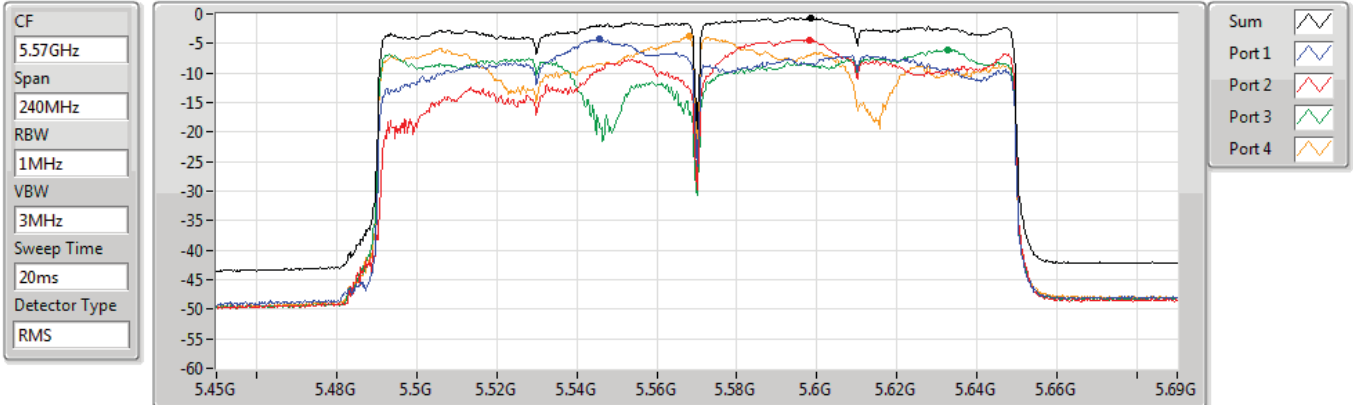
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.05	-1.05	-4.84	-5.37	-10.42	-4.68

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5570MHz

12/05/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.69	-0.69	-4.33	-4.34	-6.02	-3.76



Summary

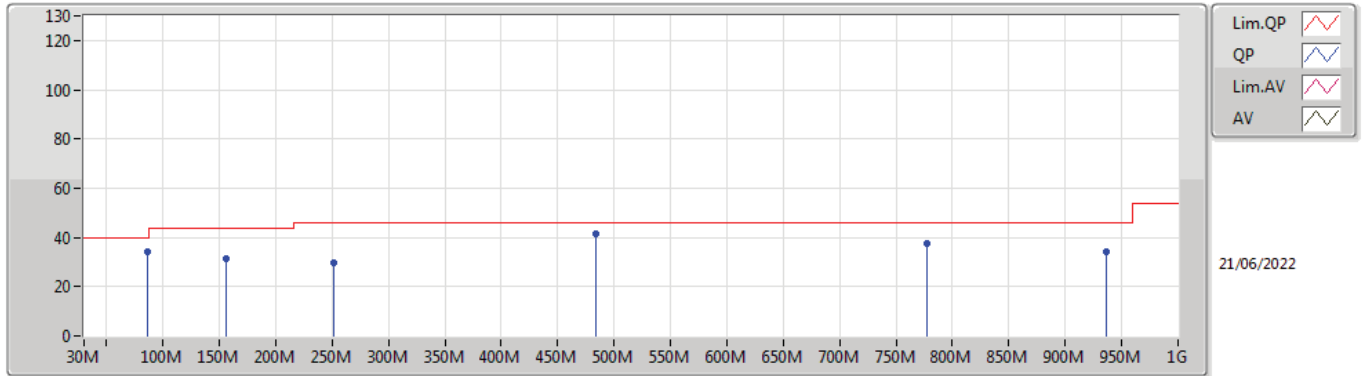
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	PK	483.96M	41.22	46.00	-4.78	3	Vertical	0	1.00	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	86.26M	34.44	40.00	-5.56	3	Vertical	0	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	156.1M	31.37	43.50	-12.13	3	Vertical	0	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	251.16M	29.84	46.00	-16.16	3	Vertical	0	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	483.96M	41.22	46.00	-4.78	3	Vertical	0	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	776.9M	37.70	46.00	-8.30	3	Vertical	0	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	935.98M	34.39	46.00	-11.61	3	Vertical	0	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	55.22M	33.49	40.00	-6.51	3	Horizontal	360	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	140.58M	31.99	43.50	-11.51	3	Horizontal	360	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	286.08M	36.12	46.00	-9.88	3	Horizontal	360	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	375.32M	29.41	46.00	-16.59	3	Horizontal	360	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	483.96M	34.41	46.00	-11.59	3	Horizontal	360	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	935.98M	34.27	46.00	-11.73	3	Horizontal	360	1.00	-

802.11ax HEW160_Nss1,(MCS0)_4TX

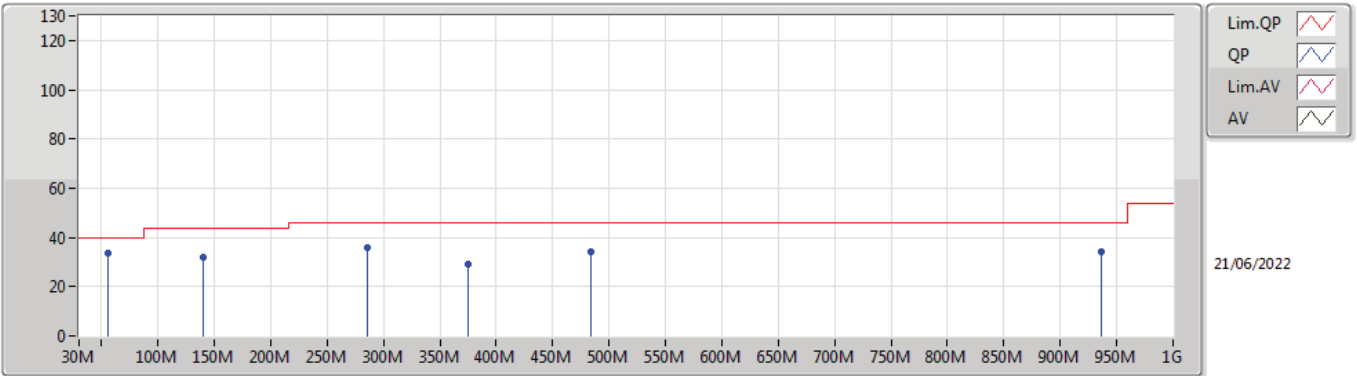
5250MHz Straddle 5.25-5.35GHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	86.26M	34.44	40.00	-5.56	-22.40	3	Vertical	0	1.00	-	56.84	13.47	0.88	36.75
PK	156.1M	31.37	43.50	-12.13	-19.11	3	Vertical	0	1.00	-	50.48	15.96	1.35	36.42
PK	251.16M	29.84	46.00	-16.16	-16.97	3	Vertical	0	1.00	-	46.81	17.98	1.53	36.48
PK	483.96M	41.22	46.00	-4.78	-11.67	3	Vertical	0	1.00	-	52.89	22.91	2.29	36.87
PK	776.9M	37.70	46.00	-8.30	-7.11	3	Vertical	0	1.00	-	44.81	27.25	3.10	37.46
PK	935.98M	34.39	46.00	-11.61	-4.69	3	Vertical	0	1.00	-	39.08	29.38	3.35	37.42

802.11ax HEW160_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	55.22M	33.49	40.00	-6.51	-24.79	3	Horizontal	360	1.00	-	58.28	11.63	0.68	37.10
PK	140.58M	31.99	43.50	-11.51	-18.49	3	Horizontal	360	1.00	-	50.48	16.64	1.32	36.45
PK	286.08M	36.12	46.00	-9.88	-16.63	3	Horizontal	360	1.00	-	52.75	18.14	1.66	36.43
PK	375.32M	29.41	46.00	-16.59	-14.41	3	Horizontal	360	1.00	-	43.82	20.16	1.95	36.52
PK	483.96M	34.41	46.00	-11.59	-11.67	3	Horizontal	360	1.00	-	46.08	22.91	2.29	36.87
PK	935.98M	34.27	46.00	-11.73	-4.69	3	Horizontal	360	1.00	-	38.96	29.38	3.35	37.42



Summary

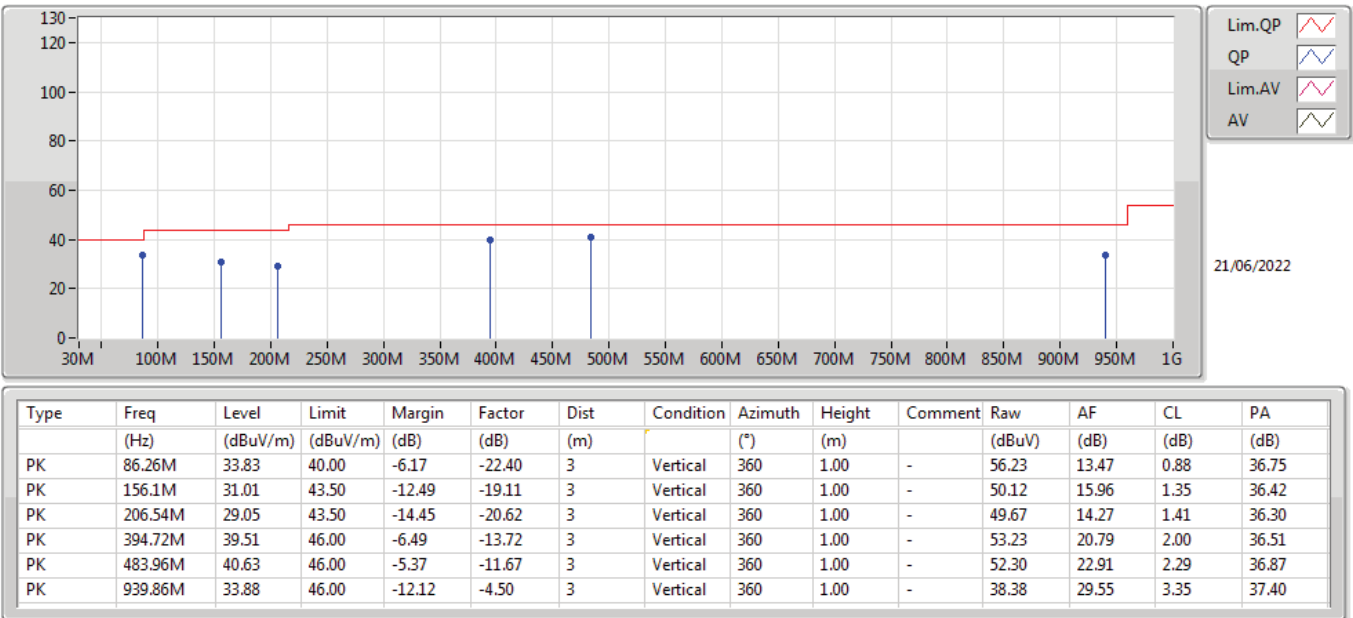
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	Pass	PK	483.96M	40.63	46.00	-5.37	3	Vertical	360	1.00	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW160-BF_Nss1.(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	86.26M	33.83	40.00	-6.17	3	Vertical	360	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	156.1M	31.01	43.50	-12.49	3	Vertical	360	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	206.54M	29.05	43.50	-14.45	3	Vertical	360	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	394.72M	39.51	46.00	-6.49	3	Vertical	360	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	483.96M	40.63	46.00	-5.37	3	Vertical	360	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	939.86M	33.88	46.00	-12.12	3	Vertical	360	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	86.26M	29.41	40.00	-10.59	3	Horizontal	0	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	140.58M	31.15	43.50	-12.35	3	Horizontal	0	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	276.38M	29.57	46.00	-16.43	3	Horizontal	0	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	400.54M	30.02	46.00	-15.98	3	Horizontal	0	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	482.02M	33.44	46.00	-12.56	3	Horizontal	0	1.00	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	935.98M	35.41	46.00	-10.59	3	Horizontal	0	1.00	-

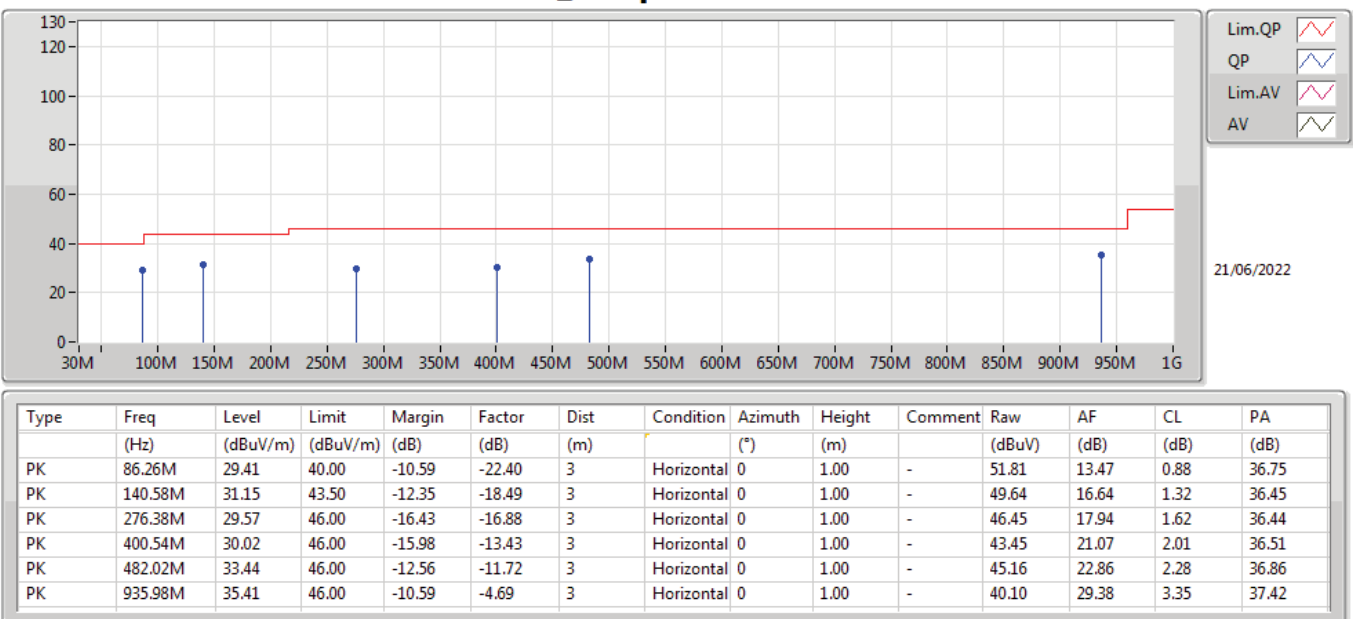
802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz_Adapter



802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz_Adapter



**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	PK	10.4815G	68.02	68.20	-0.18	3	Horizontal	224	2.28	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	10.40015G	68.15	68.20	-0.05	3	Horizontal	221	1.50	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	PK	10.46504G	67.95	68.20	-0.25	3	Horizontal	222	1.50	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.148G	53.77	54.00	-0.23	3	Horizontal	176	2.19	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	10.52132G	67.96	68.20	-0.24	3	Horizontal	229	1.52	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	10.63806G	53.77	54.00	-0.23	3	Vertical	257	1.33	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	PK	10.53964G	67.92	68.20	-0.28	3	Horizontal	222	2.22	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.35G	53.75	54.00	-0.25	3	Vertical	74	1.65	-
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	AV	5.136G	53.68	54.00	-0.32	3	Horizontal	168	1.35	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	11.16G	53.89	54.00	-0.11	3	Vertical	254	1.47	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	11.15889G	53.87	54.00	-0.13	3	Vertical	274	1.38	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	11.33216G	53.77	54.00	-0.23	3	Horizontal	311	1.42	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	11.22239G	53.90	54.00	-0.10	3	Horizontal	318	1.35	-
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	AV	5.456G	53.90	54.00	-0.10	3	Horizontal	360	1.50	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	11.56754G	53.85	54.00	-0.15	3	Horizontal	317	1.34	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	11.48979G	53.92	54.00	-0.08	3	Vertical	283	2.75	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	11.58936G	53.72	54.00	-0.28	3	Horizontal	300	2.15	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	5.6394G	67.88	68.20	-0.32	3	Vertical	72	1.42	-

**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	5.1492G	50.30	54.00	-3.70	3	Vertical	271	2.92	-
5180MHz	Pass	AV	5.1768G	110.72	Inf	-Inf	3	Vertical	271	2.92	-
5180MHz	Pass	PK	5.1354G	61.03	74.00	-12.97	3	Vertical	271	2.92	-
5180MHz	Pass	PK	5.1768G	118.04	Inf	-Inf	3	Vertical	271	2.92	-
5180MHz	Pass	AV	5.1484G	49.48	54.00	-4.52	3	Horizontal	321	1.83	-
5180MHz	Pass	AV	5.179G	108.72	Inf	-Inf	3	Horizontal	321	1.83	-
5180MHz	Pass	PK	5.1466G	60.16	74.00	-13.84	3	Horizontal	321	1.83	-
5180MHz	Pass	PK	5.1784G	116.10	Inf	-Inf	3	Horizontal	321	1.83	-
5180MHz	Pass	AV	15.54241G	48.63	54.00	-5.37	3	Vertical	223	1.50	-
5180MHz	Pass	PK	10.36081G	67.04	68.20	-1.16	3	Vertical	260	2.43	-
5180MHz	Pass	PK	15.54162G	61.56	74.00	-12.44	3	Vertical	223	1.50	-
5180MHz	Pass	AV	15.5421G	48.38	54.00	-5.62	3	Horizontal	224	1.17	-
5180MHz	Pass	PK	10.36196G	67.60	68.20	-0.60	3	Horizontal	232	1.54	-
5180MHz	Pass	PK	15.54073G	61.46	74.00	-12.54	3	Horizontal	224	1.17	-
5200MHz	Pass	AV	5.8226G	108.51	Inf	-Inf	3	Vertical	72	2.22	-
5200MHz	Pass	PK	5.6258G	59.94	68.20	-8.26	3	Vertical	72	2.22	-
5200MHz	Pass	PK	5.8226G	116.68	Inf	-Inf	3	Vertical	72	2.22	-
5200MHz	Pass	PK	5.9666G	59.77	68.20	-8.43	3	Vertical	72	2.22	-
5200MHz	Pass	AV	5.8262G	106.60	Inf	-Inf	3	Horizontal	329	1.50	-
5200MHz	Pass	PK	5.6222G	58.18	68.20	-10.02	3	Horizontal	329	1.50	-
5200MHz	Pass	PK	5.8226G	113.79	Inf	-Inf	3	Horizontal	329	1.50	-
5200MHz	Pass	PK	5.951G	59.05	68.20	-9.15	3	Horizontal	329	1.50	-
5200MHz	Pass	AV	11.65252G	52.48	54.00	-1.52	3	Vertical	256	2.85	-
5200MHz	Pass	PK	11.65168G	64.94	74.00	-9.06	3	Vertical	256	2.85	-
5200MHz	Pass	PK	17.48166G	58.15	68.20	-10.05	3	Vertical	173	1.50	-
5200MHz	Pass	AV	11.64874G	53.66	54.00	-0.34	3	Horizontal	304	1.42	-
5200MHz	Pass	PK	11.6491G	66.59	74.00	-7.41	3	Horizontal	304	1.42	-
5200MHz	Pass	PK	17.4693G	58.27	68.20	-9.93	3	Horizontal	164	2.36	-
5240MHz	Pass	AV	5.1338G	48.24	54.00	-5.76	3	Vertical	261	2.77	-
5240MHz	Pass	AV	5.234G	108.79	Inf	-Inf	3	Vertical	261	2.77	-
5240MHz	Pass	AV	5.3582G	46.94	54.00	-7.06	3	Vertical	261	2.77	-
5240MHz	Pass	PK	5.135G	58.84	74.00	-15.16	3	Vertical	261	2.77	-
5240MHz	Pass	PK	5.234G	117.49	Inf	-Inf	3	Vertical	261	2.77	-
5240MHz	Pass	PK	5.3822G	58.08	74.00	-15.92	3	Vertical	261	2.77	-
5240MHz	Pass	AV	5.1446G	48.27	54.00	-5.73	3	Horizontal	163	1.30	-
5240MHz	Pass	AV	5.2454G	107.14	Inf	-Inf	3	Horizontal	163	1.30	-
5240MHz	Pass	AV	5.3894G	46.81	54.00	-7.19	3	Horizontal	163	1.30	-
5240MHz	Pass	PK	5.1458G	58.76	74.00	-15.24	3	Horizontal	163	1.30	-
5240MHz	Pass	PK	5.2448G	114.50	Inf	-Inf	3	Horizontal	163	1.30	-
5240MHz	Pass	PK	5.3882G	57.07	74.00	-16.93	3	Horizontal	163	1.30	-
5240MHz	Pass	AV	15.71888G	47.52	54.00	-6.48	3	Vertical	218	1.54	-
5240MHz	Pass	PK	10.48152G	65.38	68.20	-2.82	3	Vertical	252	1.50	-
5240MHz	Pass	PK	15.72016G	63.02	74.00	-10.98	3	Vertical	218	1.54	-
5240MHz	Pass	AV	15.71586G	47.72	54.00	-6.28	3	Horizontal	217	1.14	-
5240MHz	Pass	PK	10.4815G	68.02	68.20	-0.18	3	Horizontal	224	2.28	-
5240MHz	Pass	PK	15.71556G	63.63	74.00	-10.37	3	Horizontal	217	1.14	-
5260MHz	Pass	AV	5.15G	47.53	54.00	-6.47	3	Vertical	80	1.78	-
5260MHz	Pass	AV	5.2582G	107.84	Inf	-Inf	3	Vertical	80	1.78	-
5260MHz	Pass	AV	5.3554G	47.52	54.00	-6.48	3	Vertical	80	1.78	-
5260MHz	Pass	PK	5.1394G	57.41	74.00	-16.59	3	Vertical	80	1.78	-
5260MHz	Pass	PK	5.2576G	115.15	Inf	-Inf	3	Vertical	80	1.78	-
5260MHz	Pass	PK	5.3578G	59.11	74.00	-14.89	3	Vertical	80	1.78	-
5260MHz	Pass	AV	5.1352G	48.20	54.00	-5.80	3	Horizontal	170	1.34	-
5260MHz	Pass	AV	5.2648G	106.38	Inf	-Inf	3	Horizontal	170	1.34	-
5260MHz	Pass	AV	5.3848G	46.71	54.00	-7.29	3	Horizontal	170	1.34	-
5260MHz	Pass	PK	5.1472G	59.03	74.00	-14.97	3	Horizontal	170	1.34	-
5260MHz	Pass	PK	5.2648G	114.46	Inf	-Inf	3	Horizontal	170	1.34	-
5260MHz	Pass	PK	5.3974G	57.71	74.00	-16.29	3	Horizontal	170	1.34	-
5260MHz	Pass	AV	15.7792G	47.11	54.00	-6.89	3	Vertical	218	1.54	-
5260MHz	Pass	PK	10.5244G	66.97	68.20	-1.23	3	Vertical	254	1.39	-



RSE TX above 1GHz Non-Beamforming

Appendix E.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	PK	15.77952G	60.51	74.00	-13.49	3	Vertical	218	1.54	-
5260MHz	Pass	AV	15.77106G	46.77	54.00	-7.23	3	Horizontal	210	1.11	-
5260MHz	Pass	PK	10.52132G	67.96	68.20	-0.24	3	Horizontal	229	1.52	-
5260MHz	Pass	PK	15.77334G	61.15	74.00	-12.85	3	Horizontal	210	1.11	-
5300MHz	Pass	AV	5.298G	106.73	Inf	-Inf	3	Vertical	80	1.68	-
5300MHz	Pass	AV	5.3956G	47.58	54.00	-6.42	3	Vertical	80	1.68	-
5300MHz	Pass	PK	5.2972G	114.32	Inf	-Inf	3	Vertical	80	1.68	-
5300MHz	Pass	PK	5.3996G	58.73	74.00	-15.27	3	Vertical	80	1.68	-
5300MHz	Pass	AV	5.2944G	105.41	Inf	-Inf	3	Horizontal	184	2.25	-
5300MHz	Pass	AV	5.352G	47.19	54.00	-6.81	3	Horizontal	184	2.25	-
5300MHz	Pass	PK	5.2948G	113.23	Inf	-Inf	3	Horizontal	184	2.25	-
5300MHz	Pass	PK	5.3816G	58.12	74.00	-15.88	3	Horizontal	184	2.25	-
5300MHz	Pass	AV	10.6016G	53.46	54.00	-0.54	3	Vertical	250	1.46	-
5300MHz	Pass	AV	15.89056G	45.43	54.00	-8.57	3	Vertical	235	1.50	-
5300MHz	Pass	PK	10.60136G	65.98	74.00	-8.02	3	Vertical	250	1.46	-
5300MHz	Pass	PK	15.91104G	56.39	74.00	-17.61	3	Vertical	235	1.50	-
5300MHz	Pass	AV	10.60258G	53.73	54.00	-0.27	3	Horizontal	232	1.50	-
5300MHz	Pass	AV	15.89676G	45.60	54.00	-8.40	3	Horizontal	230	1.50	-
5300MHz	Pass	PK	10.6018G	65.46	74.00	-8.54	3	Horizontal	232	1.50	-
5300MHz	Pass	PK	15.90672G	57.06	74.00	-16.94	3	Horizontal	230	1.50	-
5320MHz	Pass	AV	5.3182G	107.24	Inf	-Inf	3	Vertical	79	1.49	-
5320MHz	Pass	AV	5.3526G	48.50	54.00	-5.50	3	Vertical	79	1.49	-
5320MHz	Pass	PK	5.3184G	115.00	Inf	-Inf	3	Vertical	79	1.49	-
5320MHz	Pass	PK	5.3592G	59.51	74.00	-14.49	3	Vertical	79	1.49	-
5320MHz	Pass	AV	5.3142G	106.37	Inf	-Inf	3	Horizontal	188	2.14	-
5320MHz	Pass	AV	5.3528G	47.88	54.00	-6.12	3	Horizontal	188	2.14	-
5320MHz	Pass	PK	5.3146G	113.89	Inf	-Inf	3	Horizontal	188	2.14	-
5320MHz	Pass	PK	5.37G	58.65	74.00	-15.35	3	Horizontal	188	2.14	-
5320MHz	Pass	AV	10.64128G	53.27	54.00	-0.73	3	Vertical	252	1.86	-
5320MHz	Pass	AV	15.9628G	45.44	54.00	-8.56	3	Vertical	308	1.72	-
5320MHz	Pass	PK	10.64128G	64.39	74.00	-9.61	3	Vertical	252	1.86	-
5320MHz	Pass	PK	15.96084G	56.68	74.00	-17.32	3	Vertical	308	1.72	-
5320MHz	Pass	AV	10.64048G	53.64	54.00	-0.36	3	Horizontal	224	2.18	-
5320MHz	Pass	AV	15.96324G	45.34	54.00	-8.66	3	Horizontal	284	1.41	-
5320MHz	Pass	PK	10.64068G	64.21	74.00	-9.79	3	Horizontal	224	2.18	-
5320MHz	Pass	PK	15.96412G	56.34	74.00	-17.66	3	Horizontal	284	1.41	-
5500MHz	Pass	AV	5.4546G	47.98	54.00	-6.02	3	Vertical	83	1.60	-
5500MHz	Pass	AV	5.4974G	106.94	Inf	-Inf	3	Vertical	83	1.60	-
5500MHz	Pass	PK	5.4672G	58.20	68.20	-10.00	3	Vertical	83	1.60	-
5500MHz	Pass	PK	5.4968G	114.31	Inf	-Inf	3	Vertical	83	1.60	-
5500MHz	Pass	AV	5.458G	47.67	54.00	-6.33	3	Horizontal	349	1.60	-
5500MHz	Pass	AV	5.5058G	105.43	Inf	-Inf	3	Horizontal	349	1.60	-
5500MHz	Pass	PK	5.4664G	58.64	68.20	-9.56	3	Horizontal	349	1.60	-
5500MHz	Pass	PK	5.5062G	113.23	Inf	-Inf	3	Horizontal	349	1.60	-
5500MHz	Pass	AV	11.00036G	53.71	54.00	-0.29	3	Vertical	251	1.48	-
5500MHz	Pass	PK	10.9994G	63.99	74.00	-10.01	3	Vertical	251	1.48	-
5500MHz	Pass	PK	16.49144G	58.08	68.20	-10.12	3	Vertical	171	1.50	-
5500MHz	Pass	AV	11.00132G	53.38	54.00	-0.62	3	Horizontal	227	1.89	-
5500MHz	Pass	PK	11.00024G	64.61	74.00	-9.39	3	Horizontal	227	1.89	-
5500MHz	Pass	PK	16.49622G	58.72	68.20	-9.48	3	Horizontal	182	1.80	-
5580MHz	Pass	AV	5.46G	46.65	54.00	-7.35	3	Vertical	81	1.60	-
5580MHz	Pass	AV	5.577G	105.97	Inf	-Inf	3	Vertical	81	1.60	-
5580MHz	Pass	PK	5.4666G	56.87	68.20	-11.33	3	Vertical	81	1.60	-
5580MHz	Pass	PK	5.5776G	113.66	Inf	-Inf	3	Vertical	81	1.60	-
5580MHz	Pass	PK	5.7276G	58.71	68.20	-9.49	3	Vertical	81	1.60	-
5580MHz	Pass	AV	5.4324G	46.71	54.00	-7.29	3	Horizontal	355	1.65	-
5580MHz	Pass	AV	5.5854G	104.83	Inf	-Inf	3	Horizontal	355	1.65	-
5580MHz	Pass	PK	5.4636G	56.90	68.20	-11.30	3	Horizontal	355	1.65	-
5580MHz	Pass	PK	5.5854G	112.50	Inf	-Inf	3	Horizontal	355	1.65	-
5580MHz	Pass	PK	5.7294G	57.77	68.20	-10.43	3	Horizontal	355	1.65	-
5580MHz	Pass	AV	11.16G	53.89	54.00	-0.11	3	Vertical	254	1.47	-
5580MHz	Pass	PK	11.15952G	65.56	74.00	-8.44	3	Vertical	254	1.47	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	PK	16.73316G	57.75	68.20	-10.45	3	Vertical	295	1.65	-
5580MHz	Pass	AV	11.15706G	53.78	54.00	-0.22	3	Horizontal	322	1.26	-
5580MHz	Pass	PK	11.1558G	65.71	74.00	-8.29	3	Horizontal	322	1.26	-
5580MHz	Pass	PK	16.72878G	58.92	68.20	-9.28	3	Horizontal	249	2.02	-
5700MHz	Pass	AV	5.6984G	106.44	Inf	-Inf	3	Vertical	74	2.23	-
5700MHz	Pass	PK	5.6988G	114.41	Inf	-Inf	3	Vertical	74	2.23	-
5700MHz	Pass	PK	5.7276G	59.52	68.20	-8.68	3	Vertical	74	2.23	-
5700MHz	Pass	AV	5.7056G	105.33	Inf	-Inf	3	Horizontal	352	1.29	-
5700MHz	Pass	PK	5.7064G	113.98	Inf	-Inf	3	Horizontal	352	1.29	-
5700MHz	Pass	PK	5.7292G	60.10	68.20	-8.10	3	Horizontal	352	1.29	-
5700MHz	Pass	AV	11.39958G	51.79	54.00	-2.21	3	Vertical	282	2.38	-
5700MHz	Pass	PK	11.39862G	63.83	74.00	-10.17	3	Vertical	282	2.38	-
5700MHz	Pass	PK	17.11056G	58.45	68.20	-9.75	3	Vertical	251	1.50	-
5700MHz	Pass	AV	11.39898G	53.36	54.00	-0.64	3	Horizontal	322	1.27	-
5700MHz	Pass	PK	11.39808G	65.91	74.00	-8.09	3	Horizontal	322	1.27	-
5700MHz	Pass	PK	17.11266G	59.38	68.20	-8.82	3	Horizontal	85	1.03	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4212G	47.10	54.00	-6.90	3	Vertical	76	1.55	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	107.24	Inf	-Inf	3	Vertical	76	1.55	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.462G	57.74	68.20	-10.46	3	Vertical	76	1.55	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	114.08	Inf	-Inf	3	Vertical	76	1.55	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9708G	59.54	68.20	-8.66	3	Vertical	76	1.55	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.426G	46.56	54.00	-7.44	3	Horizontal	357	1.34	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7164G	105.40	Inf	-Inf	3	Horizontal	357	1.34	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	56.26	68.20	-11.94	3	Horizontal	357	1.34	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.726G	112.97	Inf	-Inf	3	Horizontal	357	1.34	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.918G	60.45	68.20	-7.75	3	Horizontal	357	1.34	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44104G	50.94	54.00	-3.06	3	Vertical	283	1.83	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44128G	62.72	74.00	-11.28	3	Vertical	283	1.83	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.17104G	59.53	68.20	-8.67	3	Vertical	150	1.44	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43872G	53.77	54.00	-0.23	3	Horizontal	324	1.28	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4376G	64.80	74.00	-9.20	3	Horizontal	324	1.28	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15412G	58.61	68.20	-9.59	3	Horizontal	315	1.06	-
5745MHz	Pass	AV	5.7438G	107.21	Inf	-Inf	3	Vertical	74	2.52	-
5745MHz	Pass	PK	5.6142G	59.07	68.20	-9.13	3	Vertical	74	2.52	-
5745MHz	Pass	PK	5.7438G	114.66	Inf	-Inf	3	Vertical	74	2.52	-
5745MHz	Pass	PK	5.9502G	59.38	68.20	-8.82	3	Vertical	74	2.52	-
5745MHz	Pass	AV	5.7402G	106.31	Inf	-Inf	3	Horizontal	0	2.49	-
5745MHz	Pass	PK	5.6358G	58.06	68.20	-10.14	3	Horizontal	0	2.49	-
5745MHz	Pass	PK	5.739G	113.59	Inf	-Inf	3	Horizontal	0	2.49	-
5745MHz	Pass	PK	5.9406G	60.43	68.20	-7.77	3	Horizontal	0	2.49	-
5745MHz	Pass	AV	11.49144G	51.31	54.00	-2.69	3	Vertical	288	2.42	-
5745MHz	Pass	PK	17.23677G	58.94	68.20	-9.26	3	Vertical	123	1.37	-
5745MHz	Pass	PK	11.49174G	62.80	74.00	-11.20	3	Vertical	288	2.42	-
5745MHz	Pass	AV	11.4885G	53.55	54.00	-0.45	3	Horizontal	324	1.27	-
5745MHz	Pass	PK	11.48916G	65.23	74.00	-8.77	3	Horizontal	324	1.27	-
5745MHz	Pass	PK	17.23629G	58.86	68.20	-9.34	3	Horizontal	246	1.56	-
5785MHz	Pass	AV	5.7826G	108.21	Inf	-Inf	3	Vertical	72	2.27	-
5785MHz	Pass	PK	5.5846G	59.74	68.20	-8.46	3	Vertical	72	2.27	-
5785MHz	Pass	PK	5.7826G	117.15	Inf	-Inf	3	Vertical	72	2.27	-
5785MHz	Pass	PK	5.9302G	59.24	68.20	-8.96	3	Vertical	72	2.27	-
5785MHz	Pass	AV	5.7862G	106.38	Inf	-Inf	3	Horizontal	328	1.57	-
5785MHz	Pass	PK	5.587G	58.17	68.20	-10.03	3	Horizontal	328	1.57	-
5785MHz	Pass	PK	5.7862G	113.64	Inf	-Inf	3	Horizontal	328	1.57	-
5785MHz	Pass	PK	5.9926G	59.82	68.20	-8.38	3	Horizontal	328	1.57	-
5785MHz	Pass	AV	11.56886G	52.61	54.00	-1.39	3	Vertical	284	2.23	-
5785MHz	Pass	PK	11.56922G	63.71	74.00	-10.29	3	Vertical	284	2.23	-
5785MHz	Pass	PK	17.36634G	57.97	68.20	-10.23	3	Vertical	70	1.50	-
5785MHz	Pass	AV	11.56754G	53.85	54.00	-0.15	3	Horizontal	317	1.34	-
5785MHz	Pass	PK	11.56838G	65.98	74.00	-8.02	3	Horizontal	317	1.34	-
5785MHz	Pass	PK	17.34546G	58.93	68.20	-9.27	3	Horizontal	223	1.41	-
5825MHz	Pass	AV	5.8226G	108.51	Inf	-Inf	3	Vertical	72	2.22	-
5825MHz	Pass	PK	5.6258G	59.94	68.20	-8.26	3	Vertical	72	2.22	-



RSE TX above 1GHz_Non-Beamforming

Appendix E.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	PK	5.8226G	116.68	Inf	-Inf	3	Vertical	72	2.22	-
5825MHz	Pass	PK	5.9666G	59.77	68.20	-8.43	3	Vertical	72	2.22	-
5825MHz	Pass	AV	5.8262G	106.60	Inf	-Inf	3	Horizontal	329	1.50	-
5825MHz	Pass	PK	5.6222G	58.18	68.20	-10.02	3	Horizontal	329	1.50	-
5825MHz	Pass	PK	5.8226G	113.79	Inf	-Inf	3	Horizontal	329	1.50	-
5825MHz	Pass	PK	5.951G	59.05	68.20	-9.15	3	Horizontal	329	1.50	-
5825MHz	Pass	AV	11.65252G	52.48	54.00	-1.52	3	Vertical	256	2.85	-
5825MHz	Pass	PK	11.65168G	64.94	74.00	-9.06	3	Vertical	256	2.85	-
5825MHz	Pass	PK	17.48166G	58.15	68.20	-10.05	3	Vertical	173	1.50	-
5825MHz	Pass	AV	11.64874G	53.66	54.00	-0.34	3	Horizontal	304	1.42	-
5825MHz	Pass	PK	11.6491G	66.59	74.00	-7.41	3	Horizontal	304	1.42	-
5825MHz	Pass	PK	17.4693G	58.27	68.20	-9.93	3	Horizontal	164	2.36	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.147G	51.43	54.00	-2.57	3	Vertical	255	2.78	-
5180MHz	Pass	AV	5.1818G	111.35	Inf	-Inf	3	Vertical	255	2.78	-
5180MHz	Pass	PK	5.1438G	62.07	74.00	-11.93	3	Vertical	255	2.78	-
5180MHz	Pass	PK	5.182G	118.96	Inf	-Inf	3	Vertical	255	2.78	-
5180MHz	Pass	AV	5.148G	50.93	54.00	-3.07	3	Horizontal	167	1.12	-
5180MHz	Pass	AV	5.178G	109.61	Inf	-Inf	3	Horizontal	167	1.12	-
5180MHz	Pass	PK	5.1482G	61.50	74.00	-12.50	3	Horizontal	167	1.12	-
5180MHz	Pass	PK	5.1782G	118.66	Inf	-Inf	3	Horizontal	167	1.12	-
5180MHz	Pass	AV	15.53752G	50.19	54.00	-3.81	3	Vertical	223	1.18	-
5180MHz	Pass	PK	10.3608G	66.76	68.20	-1.44	3	Vertical	264	1.29	-
5180MHz	Pass	PK	15.5324G	60.63	74.00	-13.37	3	Vertical	223	1.18	-
5180MHz	Pass	AV	15.54056G	50.67	54.00	-3.33	3	Horizontal	207	1.64	-
5180MHz	Pass	PK	10.36G	67.91	68.20	-0.29	3	Horizontal	220	1.88	-
5180MHz	Pass	PK	15.54546G	62.45	74.00	-11.55	3	Horizontal	207	1.64	-
5200MHz	Pass	AV	5.1448G	49.20	54.00	-4.80	3	Vertical	275	2.65	-
5200MHz	Pass	AV	5.2044G	108.48	Inf	-Inf	3	Vertical	275	2.65	-
5200MHz	Pass	PK	5.1356G	59.37	74.00	-14.63	3	Vertical	275	2.65	-
5200MHz	Pass	PK	5.1996G	118.84	Inf	-Inf	3	Vertical	275	2.65	-
5200MHz	Pass	AV	5.1404G	48.38	54.00	-5.62	3	Horizontal	183	2.21	-
5200MHz	Pass	AV	5.2024G	107.00	Inf	-Inf	3	Horizontal	183	2.21	-
5200MHz	Pass	PK	5.148G	59.94	74.00	-14.06	3	Horizontal	183	2.21	-
5200MHz	Pass	PK	5.1928G	117.16	Inf	-Inf	3	Horizontal	183	2.21	-
5200MHz	Pass	AV	15.60233G	48.66	54.00	-5.34	3	Vertical	223	1.50	-
5200MHz	Pass	PK	10.3994G	67.68	68.20	-0.52	3	Vertical	279	2.47	-
5200MHz	Pass	PK	15.59774G	64.74	74.00	-9.26	3	Vertical	223	1.50	-
5200MHz	Pass	AV	15.6011G	48.59	54.00	-5.41	3	Horizontal	208	1.24	-
5200MHz	Pass	PK	10.40015G	68.15	68.20	-0.05	3	Horizontal	221	1.50	-
5200MHz	Pass	PK	15.60143G	63.50	74.00	-10.50	3	Horizontal	208	1.24	-
5240MHz	Pass	AV	5.1446G	47.54	54.00	-6.46	3	Vertical	75	1.50	-
5240MHz	Pass	AV	5.2442G	106.86	Inf	-Inf	3	Vertical	75	1.50	-
5240MHz	Pass	AV	5.3816G	47.03	54.00	-6.97	3	Vertical	75	1.50	-
5240MHz	Pass	PK	5.105G	58.26	74.00	-15.74	3	Vertical	75	1.50	-
5240MHz	Pass	PK	5.2442G	116.12	Inf	-Inf	3	Vertical	75	1.50	-
5240MHz	Pass	PK	5.3588G	58.00	74.00	-16.00	3	Vertical	75	1.50	-
5240MHz	Pass	AV	5.0948G	47.87	54.00	-6.13	3	Horizontal	182	2.06	-
5240MHz	Pass	AV	5.2472G	106.36	Inf	-Inf	3	Horizontal	182	2.06	-
5240MHz	Pass	AV	5.3804G	46.62	54.00	-7.38	3	Horizontal	182	2.06	-
5240MHz	Pass	PK	5.1188G	58.76	74.00	-15.24	3	Horizontal	182	2.06	-
5240MHz	Pass	PK	5.2328G	116.07	Inf	-Inf	3	Horizontal	182	2.06	-
5240MHz	Pass	PK	5.35G	57.66	74.00	-16.34	3	Horizontal	182	2.06	-
5240MHz	Pass	AV	15.71988G	47.23	54.00	-6.77	3	Vertical	217	1.90	-
5240MHz	Pass	PK	10.48108G	66.76	68.20	-1.44	3	Vertical	266	2.20	-
5240MHz	Pass	PK	15.71788G	61.38	74.00	-12.62	3	Vertical	217	1.90	-
5240MHz	Pass	AV	15.72137G	47.69	54.00	-6.31	3	Horizontal	211	1.27	-
5240MHz	Pass	PK	10.47981G	67.98	68.20	-0.22	3	Horizontal	222	1.48	-
5240MHz	Pass	PK	15.72163G	62.92	74.00	-11.08	3	Horizontal	211	1.27	-
5260MHz	Pass	AV	5.15G	47.44	54.00	-6.56	3	Vertical	74	1.60	-
5260MHz	Pass	AV	5.2648G	107.32	Inf	-Inf	3	Vertical	74	1.60	-
5260MHz	Pass	AV	5.3542G	47.60	54.00	-6.40	3	Vertical	74	1.60	-



RSE TX above 1GHz Non-Beamforming

Appendix E.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	PK	5.1178G	57.76	74.00	-16.24	3	Vertical	74	1.60	-
5260MHz	Pass	PK	5.2546G	116.36	Inf	-Inf	3	Vertical	74	1.60	-
5260MHz	Pass	PK	5.3644G	58.10	74.00	-15.90	3	Vertical	74	1.60	-
5260MHz	Pass	AV	5.1202G	47.78	54.00	-6.22	3	Horizontal	184	2.16	-
5260MHz	Pass	AV	5.2624G	106.53	Inf	-Inf	3	Horizontal	184	2.16	-
5260MHz	Pass	AV	5.3572G	46.90	54.00	-7.10	3	Horizontal	184	2.16	-
5260MHz	Pass	PK	5.119G	58.68	74.00	-15.32	3	Horizontal	184	2.16	-
5260MHz	Pass	PK	5.257G	117.03	Inf	-Inf	3	Horizontal	184	2.16	-
5260MHz	Pass	PK	5.3992G	58.07	74.00	-15.93	3	Horizontal	184	2.16	-
5260MHz	Pass	AV	15.77996G	47.20	54.00	-6.80	3	Vertical	217	1.66	-
5260MHz	Pass	PK	10.51784G	67.14	68.20	-1.06	3	Vertical	255	1.42	-
5260MHz	Pass	PK	15.77817G	61.62	74.00	-12.38	3	Vertical	217	1.66	-
5260MHz	Pass	AV	15.78118G	47.13	54.00	-6.87	3	Horizontal	210	1.23	-
5260MHz	Pass	PK	10.51975G	67.92	68.20	-0.28	3	Horizontal	223	1.47	-
5260MHz	Pass	PK	15.7816G	62.28	74.00	-11.72	3	Horizontal	210	1.23	-
5300MHz	Pass	AV	5.2944G	105.91	Inf	-Inf	3	Vertical	79	1.50	-
5300MHz	Pass	AV	5.3948G	47.41	54.00	-6.59	3	Vertical	79	1.50	-
5300MHz	Pass	PK	5.2992G	116.74	Inf	-Inf	3	Vertical	79	1.50	-
5300MHz	Pass	PK	5.3944G	57.81	74.00	-16.19	3	Vertical	79	1.50	-
5300MHz	Pass	AV	5.2972G	105.67	Inf	-Inf	3	Horizontal	186	2.13	-
5300MHz	Pass	AV	5.352G	47.01	54.00	-6.99	3	Horizontal	186	2.13	-
5300MHz	Pass	PK	5.2972G	117.60	Inf	-Inf	3	Horizontal	186	2.13	-
5300MHz	Pass	PK	5.3956G	58.15	74.00	-15.85	3	Horizontal	186	2.13	-
5300MHz	Pass	AV	10.60768G	53.31	54.00	-0.69	3	Vertical	255	1.46	-
5300MHz	Pass	AV	15.90023G	46.12	54.00	-7.88	3	Vertical	219	1.69	-
5300MHz	Pass	PK	10.59788G	67.37	68.20	-0.83	3	Vertical	255	1.46	-
5300MHz	Pass	PK	15.90052G	58.56	74.00	-15.44	3	Vertical	219	1.69	-
5300MHz	Pass	AV	10.60015G	53.75	54.00	-0.25	3	Horizontal	222	2.23	-
5300MHz	Pass	AV	15.89813G	45.74	54.00	-8.26	3	Horizontal	230	1.50	-
5300MHz	Pass	PK	10.60001G	66.83	74.00	-7.17	3	Horizontal	222	2.23	-
5300MHz	Pass	PK	15.89796G	57.14	74.00	-16.86	3	Horizontal	230	1.50	-
5320MHz	Pass	AV	5.3246G	107.21	Inf	-Inf	3	Vertical	75	1.62	-
5320MHz	Pass	AV	5.3596G	48.84	54.00	-5.16	3	Vertical	75	1.62	-
5320MHz	Pass	PK	5.3244G	117.69	Inf	-Inf	3	Vertical	75	1.62	-
5320MHz	Pass	PK	5.359G	60.13	74.00	-13.87	3	Vertical	75	1.62	-
5320MHz	Pass	AV	5.3172G	106.09	Inf	-Inf	3	Horizontal	185	2.09	-
5320MHz	Pass	AV	5.3616G	47.93	54.00	-6.07	3	Horizontal	185	2.09	-
5320MHz	Pass	PK	5.312G	116.70	Inf	-Inf	3	Horizontal	185	2.09	-
5320MHz	Pass	PK	5.3566G	58.91	74.00	-15.09	3	Horizontal	185	2.09	-
5320MHz	Pass	AV	10.63806G	53.77	54.00	-0.23	3	Vertical	257	1.33	-
5320MHz	Pass	AV	15.96022G	45.63	54.00	-8.37	3	Vertical	236	1.50	-
5320MHz	Pass	PK	10.63766G	64.70	74.00	-9.30	3	Vertical	257	1.33	-
5320MHz	Pass	PK	15.95946G	57.35	74.00	-16.65	3	Vertical	236	1.50	-
5320MHz	Pass	AV	10.64022G	52.48	54.00	-1.52	3	Horizontal	225	1.50	-
5320MHz	Pass	AV	15.96137G	45.58	54.00	-8.42	3	Horizontal	0	1.50	-
5320MHz	Pass	PK	10.64026G	63.38	74.00	-10.62	3	Horizontal	225	1.50	-
5320MHz	Pass	PK	15.96013G	57.23	74.00	-16.77	3	Horizontal	0	1.50	-
5500MHz	Pass	AV	5.4598G	48.62	54.00	-5.38	3	Vertical	76	1.53	-
5500MHz	Pass	AV	5.5046G	106.41	Inf	-Inf	3	Vertical	76	1.53	-
5500MHz	Pass	PK	5.4662G	59.09	68.20	-9.11	3	Vertical	76	1.53	-
5500MHz	Pass	PK	5.4948G	116.66	Inf	-Inf	3	Vertical	76	1.53	-
5500MHz	Pass	AV	5.4574G	47.96	54.00	-6.04	3	Horizontal	0	1.77	-
5500MHz	Pass	AV	5.5026G	105.49	Inf	-Inf	3	Horizontal	0	1.77	-
5500MHz	Pass	PK	5.4664G	58.38	68.20	-9.82	3	Horizontal	0	1.77	-
5500MHz	Pass	PK	5.4976G	115.84	Inf	-Inf	3	Horizontal	0	1.77	-
5500MHz	Pass	AV	10.99895G	53.67	54.00	-0.33	3	Vertical	272	1.50	-
5500MHz	Pass	PK	10.99867G	64.67	74.00	-9.33	3	Vertical	272	1.50	-
5500MHz	Pass	PK	16.50127G	58.89	68.20	-9.31	3	Vertical	233	1.50	-
5500MHz	Pass	AV	11.00039G	53.47	54.00	-0.53	3	Horizontal	225	1.89	-
5500MHz	Pass	PK	10.99994G	65.16	74.00	-8.84	3	Horizontal	225	1.89	-
5500MHz	Pass	PK	16.49864G	58.55	68.20	-9.65	3	Horizontal	3	1.98	-
5580MHz	Pass	AV	5.4348G	46.77	54.00	-7.23	3	Vertical	74	1.43	-



RSE TX above 1GHz Non-Beamforming

Appendix E.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	AV	5.5842G	105.85	Inf	-Inf	3	Vertical	74	1.43	-
5580MHz	Pass	PK	5.4654G	56.35	68.20	-11.85	3	Vertical	74	1.43	-
5580MHz	Pass	PK	5.5794G	114.77	Inf	-Inf	3	Vertical	74	1.43	-
5580MHz	Pass	PK	5.7276G	57.10	68.20	-11.10	3	Vertical	74	1.43	-
5580MHz	Pass	AV	5.4408G	46.79	54.00	-7.21	3	Horizontal	0	1.70	-
5580MHz	Pass	AV	5.5824G	105.51	Inf	-Inf	3	Horizontal	0	1.70	-
5580MHz	Pass	PK	5.4348G	57.74	74.00	-16.26	3	Horizontal	0	1.70	-
5580MHz	Pass	PK	5.4696G	57.39	68.20	-10.81	3	Horizontal	0	1.70	-
5580MHz	Pass	PK	5.5878G	116.07	Inf	-Inf	3	Horizontal	0	1.70	-
5580MHz	Pass	PK	5.7276G	59.52	68.20	-8.68	3	Horizontal	0	1.70	-
5580MHz	Pass	AV	11.15889G	53.87	54.00	-0.13	3	Vertical	274	1.38	-
5580MHz	Pass	PK	11.15923G	66.90	74.00	-7.10	3	Vertical	274	1.38	-
5580MHz	Pass	PK	16.73833G	58.05	68.20	-10.15	3	Vertical	154	1.50	-
5580MHz	Pass	AV	11.1573G	53.52	54.00	-0.48	3	Horizontal	313	1.39	-
5580MHz	Pass	PK	11.16214G	66.20	74.00	-7.80	3	Horizontal	313	1.39	-
5580MHz	Pass	PK	16.73997G	58.58	68.20	-9.62	3	Horizontal	239	1.79	-
5700MHz	Pass	AV	5.6948G	106.63	Inf	-Inf	3	Vertical	70	1.60	-
5700MHz	Pass	PK	5.7048G	117.14	Inf	-Inf	3	Vertical	70	1.60	-
5700MHz	Pass	PK	5.7252G	60.25	68.20	-7.95	3	Vertical	70	1.60	-
5700MHz	Pass	AV	5.698G	105.55	Inf	-Inf	3	Horizontal	353	1.39	-
5700MHz	Pass	PK	5.6932G	115.72	Inf	-Inf	3	Horizontal	353	1.39	-
5700MHz	Pass	PK	5.7272G	60.25	68.20	-7.95	3	Horizontal	353	1.39	-
5700MHz	Pass	AV	11.40096G	51.43	54.00	-2.57	3	Vertical	265	1.82	-
5700MHz	Pass	PK	11.40093G	64.01	74.00	-9.99	3	Vertical	265	1.82	-
5700MHz	Pass	PK	17.10034G	59.20	68.20	-9.00	3	Vertical	310	1.50	-
5700MHz	Pass	AV	11.39988G	53.56	54.00	-0.44	3	Horizontal	326	2.14	-
5700MHz	Pass	PK	11.39964G	66.51	74.00	-7.49	3	Horizontal	326	2.14	-
5700MHz	Pass	PK	17.10222G	59.58	68.20	-8.62	3	Horizontal	301	1.34	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4236G	47.22	54.00	-6.78	3	Vertical	75	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7248G	106.44	Inf	-Inf	3	Vertical	75	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4632G	56.73	68.20	-11.47	3	Vertical	75	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7248G	115.69	Inf	-Inf	3	Vertical	75	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8616G	59.28	68.20	-8.92	3	Vertical	75	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.42G	46.87	54.00	-7.13	3	Horizontal	354	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7224G	105.75	Inf	-Inf	3	Horizontal	354	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	57.49	68.20	-10.71	3	Horizontal	354	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7272G	114.92	Inf	-Inf	3	Horizontal	354	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9192G	60.17	68.20	-8.03	3	Horizontal	354	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43992G	52.11	54.00	-1.89	3	Vertical	283	2.27	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43968G	65.30	74.00	-8.70	3	Vertical	283	2.27	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16164G	59.60	68.20	-8.60	3	Vertical	268	1.26	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43977G	53.81	54.00	-0.19	3	Horizontal	322	1.79	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43988G	67.72	74.00	-6.28	3	Horizontal	322	1.79	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15793G	59.43	68.20	-8.77	3	Horizontal	206	1.48	-
5745MHz	Pass	AV	5.739G	107.98	Inf	-Inf	3	Vertical	74	1.51	-
5745MHz	Pass	PK	5.5398G	60.34	68.20	-7.86	3	Vertical	74	1.51	-
5745MHz	Pass	PK	5.739G	117.54	Inf	-Inf	3	Vertical	74	1.51	-
5745MHz	Pass	PK	5.985G	59.81	68.20	-8.39	3	Vertical	74	1.51	-
5745MHz	Pass	AV	5.7474G	106.94	Inf	-Inf	3	Horizontal	360.1	1.27	-
5745MHz	Pass	PK	5.5242G	59.21	68.20	-8.99	3	Horizontal	360.1	1.27	-
5745MHz	Pass	PK	5.7486G	116.80	Inf	-Inf	3	Horizontal	360.1	1.27	-
5745MHz	Pass	PK	5.9658G	60.01	68.20	-8.19	3	Horizontal	360.1	1.27	-
5745MHz	Pass	AV	11.48979G	53.92	54.00	-0.08	3	Vertical	283	2.75	-
5745MHz	Pass	PK	11.4898G	65.47	74.00	-8.53	3	Vertical	283	2.75	-
5745MHz	Pass	PK	17.23448G	59.69	68.20	-8.51	3	Vertical	216	1.05	-
5745MHz	Pass	AV	11.48963G	53.80	54.00	-0.20	3	Horizontal	319	1.50	-
5745MHz	Pass	PK	11.4893G	65.59	74.00	-8.41	3	Horizontal	319	1.50	-
5745MHz	Pass	PK	17.23464G	58.70	68.20	-9.50	3	Horizontal	24	2.87	-
5785MHz	Pass	AV	5.779G	107.21	Inf	-Inf	3	Vertical	72	1.50	-
5785MHz	Pass	PK	5.5846G	59.78	68.20	-8.42	3	Vertical	72	1.50	-
5785MHz	Pass	PK	5.779G	117.42	Inf	-Inf	3	Vertical	72	1.50	-
5785MHz	Pass	PK	5.9494G	60.08	68.20	-8.12	3	Vertical	72	1.50	-



RSE TX above 1GHz_Non-Beamforming

Appendix E.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	AV	5.7826G	106.67	Inf	-Inf	3	Horizontal	3	2.50	-
5785MHz	Pass	PK	5.593G	58.73	68.20	-9.47	3	Horizontal	3	2.50	-
5785MHz	Pass	PK	5.7826G	116.22	Inf	-Inf	3	Horizontal	3	2.50	-
5785MHz	Pass	PK	5.9782G	59.74	68.20	-8.46	3	Horizontal	3	2.50	-
5785MHz	Pass	AV	11.57013G	52.07	54.00	-1.93	3	Vertical	283	2.19	-
5785MHz	Pass	PK	11.57017G	65.33	74.00	-8.67	3	Vertical	283	2.19	-
5785MHz	Pass	PK	17.35532G	60.29	68.20	-7.91	3	Vertical	268	1.50	-
5785MHz	Pass	AV	11.56939G	53.42	54.00	-0.58	3	Horizontal	298	2.14	-
5785MHz	Pass	PK	11.56949G	69.03	74.00	-4.97	3	Horizontal	298	2.14	-
5785MHz	Pass	PK	17.35547G	58.48	68.20	-9.72	3	Horizontal	25	2.12	-
5825MHz	Pass	AV	5.8202G	106.54	Inf	-Inf	3	Vertical	71	1.50	-
5825MHz	Pass	PK	5.5754G	58.24	68.20	-9.96	3	Vertical	71	1.50	-
5825MHz	Pass	PK	5.8298G	115.59	Inf	-Inf	3	Vertical	71	1.50	-
5825MHz	Pass	PK	5.9318G	61.26	68.20	-6.94	3	Vertical	71	1.50	-
5825MHz	Pass	AV	5.8226G	106.46	Inf	-Inf	3	Horizontal	3	2.64	-
5825MHz	Pass	PK	5.627G	58.80	68.20	-9.40	3	Horizontal	3	2.64	-
5825MHz	Pass	PK	5.8274G	115.40	Inf	-Inf	3	Horizontal	3	2.64	-
5825MHz	Pass	PK	5.9486G	58.77	68.20	-9.43	3	Horizontal	3	2.64	-
5825MHz	Pass	AV	11.64958G	49.85	54.00	-4.15	3	Vertical	270	1.88	-
5825MHz	Pass	PK	11.64948G	63.64	74.00	-10.36	3	Vertical	270	1.88	-
5825MHz	Pass	PK	17.47741G	59.52	68.20	-8.68	3	Vertical	106	1.50	-
5825MHz	Pass	AV	11.64943G	53.52	54.00	-0.48	3	Horizontal	299	2.14	-
5825MHz	Pass	PK	11.64949G	67.09	74.00	-6.91	3	Horizontal	299	2.14	-
5825MHz	Pass	PK	17.47619G	58.67	68.20	-9.53	3	Horizontal	331	1.38	-
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1468G	53.72	54.00	-0.28	3	Vertical	257	2.65	-
5190MHz	Pass	AV	5.1916G	106.10	Inf	-Inf	3	Vertical	257	2.65	-
5190MHz	Pass	PK	5.1464G	62.59	74.00	-11.41	3	Vertical	257	2.65	-
5190MHz	Pass	PK	5.182G	116.18	Inf	-Inf	3	Vertical	257	2.65	-
5190MHz	Pass	AV	5.148G	53.31	54.00	-0.69	3	Horizontal	171	2.09	-
5190MHz	Pass	AV	5.1976G	104.80	Inf	-Inf	3	Horizontal	171	2.09	-
5190MHz	Pass	PK	5.1484G	63.01	74.00	-10.99	3	Horizontal	171	2.09	-
5190MHz	Pass	PK	5.1972G	115.46	Inf	-Inf	3	Horizontal	171	2.09	-
5190MHz	Pass	AV	15.55248G	47.78	54.00	-6.22	3	Vertical	120	1.71	-
5190MHz	Pass	PK	10.3776G	60.54	68.20	-7.66	3	Vertical	257	1.50	-
5190MHz	Pass	PK	15.55848G	58.36	74.00	-15.64	3	Vertical	120	1.71	-
5190MHz	Pass	AV	15.60712G	47.46	54.00	-6.54	3	Horizontal	47	1.50	-
5190MHz	Pass	PK	10.38112G	61.18	68.20	-7.02	3	Horizontal	226	1.46	-
5190MHz	Pass	PK	15.60704G	57.80	74.00	-16.20	3	Horizontal	47	1.50	-
5230MHz	Pass	AV	5.1496G	50.36	54.00	-3.64	3	Vertical	76	1.49	-
5230MHz	Pass	AV	5.2448G	107.15	Inf	-Inf	3	Vertical	76	1.49	-
5230MHz	Pass	PK	5.15G	62.23	74.00	-11.77	3	Vertical	76	1.49	-
5230MHz	Pass	PK	5.2392G	113.97	Inf	-Inf	3	Vertical	76	1.49	-
5230MHz	Pass	AV	5.1476G	51.53	54.00	-2.47	3	Horizontal	177	2.19	-
5230MHz	Pass	AV	5.224G	106.85	Inf	-Inf	3	Horizontal	177	2.19	-
5230MHz	Pass	PK	5.138G	65.41	74.00	-8.59	3	Horizontal	177	2.19	-
5230MHz	Pass	PK	5.2228G	114.73	Inf	-Inf	3	Horizontal	177	2.19	-
5230MHz	Pass	AV	15.68748G	52.56	54.00	-1.44	3	Vertical	225	1.68	-
5230MHz	Pass	PK	10.4624G	66.90	68.20	-1.30	3	Vertical	254	1.44	-
5230MHz	Pass	PK	15.68208G	64.52	74.00	-9.48	3	Vertical	225	1.68	-
5230MHz	Pass	AV	15.69432G	53.04	54.00	-0.96	3	Horizontal	220	1.36	-
5230MHz	Pass	PK	10.46504G	67.95	68.20	-0.25	3	Horizontal	222	1.50	-
5230MHz	Pass	PK	15.69444G	64.44	74.00	-9.56	3	Horizontal	220	1.36	-
5270MHz	Pass	AV	5.2744G	107.14	Inf	-Inf	3	Vertical	75	1.57	-
5270MHz	Pass	AV	5.35G	50.80	54.00	-3.20	3	Vertical	75	1.57	-
5270MHz	Pass	PK	5.264G	117.13	Inf	-Inf	3	Vertical	75	1.57	-
5270MHz	Pass	PK	5.3544G	61.37	74.00	-12.63	3	Vertical	75	1.57	-
5270MHz	Pass	AV	5.2724G	106.15	Inf	-Inf	3	Horizontal	181	2.02	-
5270MHz	Pass	AV	5.352G	49.84	54.00	-4.16	3	Horizontal	181	2.02	-
5270MHz	Pass	PK	5.2672G	116.57	Inf	-Inf	3	Horizontal	181	2.02	-
5270MHz	Pass	PK	5.3516G	61.20	74.00	-12.80	3	Horizontal	181	2.02	-
5270MHz	Pass	AV	15.81492G	49.48	54.00	-4.52	3	Vertical	218	1.88	-



RSE TX above 1GHz Non-Beamforming

Appendix E.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5270MHz	Pass	PK	10.543G	66.55	68.20	-1.65	3	Vertical	256	1.50	-
5270MHz	Pass	PK	15.8232G	61.31	74.00	-12.69	3	Vertical	218	1.88	-
5270MHz	Pass	AV	15.81324G	49.16	54.00	-4.84	3	Horizontal	311	1.36	-
5270MHz	Pass	PK	10.53964G	67.92	68.20	-0.28	3	Horizontal	222	2.22	-
5270MHz	Pass	PK	15.81348G	62.48	74.00	-11.52	3	Horizontal	311	1.36	-
5310MHz	Pass	AV	5.3144G	106.32	Inf	-Inf	3	Vertical	77	1.50	-
5310MHz	Pass	AV	5.354G	52.36	54.00	-1.64	3	Vertical	77	1.50	-
5310MHz	Pass	PK	5.3044G	117.08	Inf	-Inf	3	Vertical	77	1.50	-
5310MHz	Pass	PK	5.3588G	62.50	74.00	-11.50	3	Vertical	77	1.50	-
5310MHz	Pass	AV	5.302G	105.02	Inf	-Inf	3	Horizontal	188	2.14	-
5310MHz	Pass	AV	5.3512G	52.19	54.00	-1.81	3	Horizontal	188	2.14	-
5310MHz	Pass	PK	5.292G	114.81	Inf	-Inf	3	Horizontal	188	2.14	-
5310MHz	Pass	PK	5.3564G	61.28	74.00	-12.72	3	Horizontal	188	2.14	-
5310MHz	Pass	AV	10.61796G	53.70	54.00	-0.30	3	Vertical	258	1.52	-
5310MHz	Pass	AV	15.90672G	47.17	54.00	-6.83	3	Vertical	108	1.50	-
5310MHz	Pass	PK	10.62312G	63.91	74.00	-10.09	3	Vertical	258	1.52	-
5310MHz	Pass	PK	15.93888G	57.93	74.00	-16.07	3	Vertical	108	1.50	-
5310MHz	Pass	AV	10.62024G	53.65	54.00	-0.35	3	Horizontal	226	1.50	-
5310MHz	Pass	AV	15.95232G	47.08	54.00	-6.92	3	Horizontal	174	1.50	-
5310MHz	Pass	PK	10.6212G	64.57	74.00	-9.43	3	Horizontal	226	1.50	-
5310MHz	Pass	PK	15.9156G	57.83	74.00	-16.17	3	Horizontal	174	1.50	-
5510MHz	Pass	AV	5.4592G	51.64	54.00	-2.36	3	Vertical	75	1.50	-
5510MHz	Pass	AV	5.5048G	105.03	Inf	-Inf	3	Vertical	75	1.50	-
5510MHz	Pass	PK	5.4692G	67.46	68.20	-0.74	3	Vertical	75	1.50	-
5510MHz	Pass	PK	5.5048G	115.06	Inf	-Inf	3	Vertical	75	1.50	-
5510MHz	Pass	AV	5.4576G	51.34	54.00	-2.66	3	Horizontal	357	1.88	-
5510MHz	Pass	AV	5.5076G	104.56	Inf	-Inf	3	Horizontal	357	1.88	-
5510MHz	Pass	PK	5.4676G	64.81	68.20	-3.39	3	Horizontal	357	1.88	-
5510MHz	Pass	PK	5.5272G	115.02	Inf	-Inf	3	Horizontal	357	1.88	-
5510MHz	Pass	AV	11.01984G	53.74	54.00	-0.26	3	Vertical	249	1.50	-
5510MHz	Pass	PK	11.02036G	64.27	74.00	-9.73	3	Vertical	249	1.50	-
5510MHz	Pass	PK	16.53248G	59.11	68.20	-9.09	3	Vertical	158	1.58	-
5510MHz	Pass	AV	11.02064G	53.17	54.00	-0.83	3	Horizontal	229	1.52	-
5510MHz	Pass	PK	11.02136G	63.14	74.00	-10.86	3	Horizontal	229	1.52	-
5510MHz	Pass	PK	16.53032G	59.09	68.20	-9.11	3	Horizontal	106	2.02	-
5550MHz	Pass	AV	5.4524G	48.56	54.00	-5.44	3	Vertical	74	1.50	-
5550MHz	Pass	AV	5.5448G	104.23	Inf	-Inf	3	Vertical	74	1.50	-
5550MHz	Pass	PK	5.464G	58.68	68.20	-9.52	3	Vertical	74	1.50	-
5550MHz	Pass	PK	5.5548G	114.37	Inf	-Inf	3	Vertical	74	1.50	-
5550MHz	Pass	AV	5.4596G	48.36	54.00	-5.64	3	Horizontal	358	1.65	-
5550MHz	Pass	AV	5.5328G	103.34	Inf	-Inf	3	Horizontal	358	1.65	-
5550MHz	Pass	PK	5.4624G	59.05	68.20	-9.15	3	Horizontal	358	1.65	-
5550MHz	Pass	PK	5.548G	114.05	Inf	-Inf	3	Horizontal	358	1.65	-
5550MHz	Pass	AV	11.1G	53.51	54.00	-0.49	3	Vertical	251	1.50	-
5550MHz	Pass	PK	11.10488G	64.37	74.00	-9.63	3	Vertical	251	1.50	-
5550MHz	Pass	PK	16.6428G	59.32	68.20	-8.88	3	Vertical	340	1.50	-
5550MHz	Pass	AV	11.10224G	53.36	54.00	-0.64	3	Horizontal	315	1.43	-
5550MHz	Pass	PK	11.1072G	65.98	74.00	-8.02	3	Horizontal	315	1.43	-
5550MHz	Pass	PK	16.64G	59.34	68.20	-8.86	3	Horizontal	193	1.45	-
5670MHz	Pass	AV	5.6646G	105.02	Inf	-Inf	3	Vertical	74	1.52	-
5670MHz	Pass	PK	5.6646G	115.41	Inf	-Inf	3	Vertical	74	1.52	-
5670MHz	Pass	PK	5.7564G	60.70	68.20	-7.50	3	Vertical	74	1.52	-
5670MHz	Pass	AV	5.6676G	103.37	Inf	-Inf	3	Horizontal	358	1.50	-
5670MHz	Pass	PK	5.6778G	114.03	Inf	-Inf	3	Horizontal	358	1.50	-
5670MHz	Pass	PK	5.7948G	60.15	68.20	-8.05	3	Horizontal	358	1.50	-
5670MHz	Pass	AV	11.33824G	52.93	54.00	-1.07	3	Vertical	258	3.00	-
5670MHz	Pass	PK	11.34792G	64.19	74.00	-9.81	3	Vertical	258	3.00	-
5670MHz	Pass	PK	17.00928G	59.82	68.20	-8.38	3	Vertical	231	2.33	-
5670MHz	Pass	AV	11.33216G	53.77	54.00	-0.23	3	Horizontal	311	1.42	-
5670MHz	Pass	PK	11.3468G	65.28	74.00	-8.72	3	Horizontal	311	1.42	-
5670MHz	Pass	PK	17.00826G	59.40	68.20	-8.80	3	Horizontal	333	1.39	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4196G	47.83	54.00	-6.17	3	Vertical	70	2.23	-



RSE TX above 1GHz_Non-Beamforming

Appendix E.3

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	AV	5.7052G	104.69	Inf	-Inf	3	Vertical	70	2.23	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4664G	57.55	68.20	-10.65	3	Vertical	70	2.23	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.6992G	113.74	Inf	-Inf	3	Vertical	70	2.23	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8756G	59.77	68.20	-8.43	3	Vertical	70	2.23	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4436G	47.66	54.00	-6.34	3	Horizontal	352	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7076G	103.26	Inf	-Inf	3	Horizontal	352	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4664G	56.73	68.20	-11.47	3	Horizontal	352	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7124G	113.21	Inf	-Inf	3	Horizontal	352	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.974G	59.57	68.20	-8.63	3	Horizontal	352	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.41808G	52.41	54.00	-1.59	3	Vertical	257	2.85	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.42288G	61.81	74.00	-12.19	3	Vertical	257	2.85	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.13134G	60.15	68.20	-8.05	3	Vertical	26	2.39	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.4172G	53.48	54.00	-0.52	3	Horizontal	315	1.36	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.41752G	65.30	74.00	-8.70	3	Horizontal	315	1.36	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.1257G	60.09	68.20	-8.11	3	Horizontal	10	2.38	-
5755MHz	Pass	AV	5.7502G	106.07	Inf	-Inf	3	Vertical	71	2.29	-
5755MHz	Pass	PK	5.6134G	60.47	68.20	-7.73	3	Vertical	71	2.29	-
5755MHz	Pass	PK	5.749G	115.31	Inf	-Inf	3	Vertical	71	2.29	-
5755MHz	Pass	PK	5.9374G	59.53	68.20	-8.67	3	Vertical	71	2.29	-
5755MHz	Pass	AV	5.7478G	104.87	Inf	-Inf	3	Horizontal	357	1.24	-
5755MHz	Pass	PK	5.629G	60.10	68.20	-8.10	3	Horizontal	357	1.24	-
5755MHz	Pass	PK	5.7682G	114.26	Inf	-Inf	3	Horizontal	357	1.24	-
5755MHz	Pass	PK	5.9554G	59.39	68.20	-8.81	3	Horizontal	357	1.24	-
5755MHz	Pass	AV	11.51152G	51.59	54.00	-2.41	3	Vertical	270	1.50	-
5755MHz	Pass	PK	11.50168G	60.87	74.00	-13.13	3	Vertical	270	1.50	-
5755MHz	Pass	PK	17.24956G	59.33	68.20	-8.87	3	Vertical	229	1.01	-
5755MHz	Pass	AV	11.50992G	53.55	54.00	-0.45	3	Horizontal	328	1.05	-
5755MHz	Pass	PK	11.50864G	63.80	74.00	-10.20	3	Horizontal	328	1.05	-
5755MHz	Pass	PK	17.26668G	59.49	68.20	-8.71	3	Horizontal	224	1.50	-
5795MHz	Pass	AV	5.7998G	105.52	Inf	-Inf	3	Vertical	71	1.48	-
5795MHz	Pass	PK	5.6414G	58.97	68.20	-9.23	3	Vertical	71	1.48	-
5795MHz	Pass	PK	5.7986G	115.17	Inf	-Inf	3	Vertical	71	1.48	-
5795MHz	Pass	PK	5.9282G	60.53	68.20	-7.67	3	Vertical	71	1.48	-
5795MHz	Pass	AV	5.7842G	103.70	Inf	-Inf	3	Horizontal	360	1.64	-
5795MHz	Pass	PK	5.5886G	58.91	68.20	-9.29	3	Horizontal	360	1.64	-
5795MHz	Pass	PK	5.8034G	113.69	Inf	-Inf	3	Horizontal	360	1.64	-
5795MHz	Pass	PK	5.9294G	59.44	68.20	-8.76	3	Horizontal	360	1.64	-
5795MHz	Pass	AV	11.5908G	50.83	54.00	-3.17	3	Vertical	255	3.00	-
5795MHz	Pass	PK	11.59376G	62.48	74.00	-11.52	3	Vertical	255	3.00	-
5795MHz	Pass	PK	17.4006G	61.60	68.20	-6.60	3	Vertical	92	1.89	-
5795MHz	Pass	AV	11.58936G	53.72	54.00	-0.28	3	Horizontal	300	2.15	-
5795MHz	Pass	PK	11.58944G	65.13	74.00	-8.87	3	Horizontal	300	2.15	-
5795MHz	Pass	PK	17.39708G	60.00	68.20	-8.20	3	Horizontal	345	2.23	-
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.15G	52.35	54.00	-1.65	3	Vertical	75	1.73	-
5210MHz	Pass	AV	5.22G	101.95	Inf	-Inf	3	Vertical	75	1.73	-
5210MHz	Pass	AV	5.384G	50.13	54.00	-3.87	3	Vertical	75	1.73	-
5210MHz	Pass	PK	5.149G	61.08	74.00	-12.92	3	Vertical	75	1.73	-
5210MHz	Pass	PK	5.215G	111.38	Inf	-Inf	3	Vertical	75	1.73	-
5210MHz	Pass	PK	5.413G	59.86	74.00	-14.14	3	Vertical	75	1.73	-
5210MHz	Pass	AV	5.148G	53.77	54.00	-0.23	3	Horizontal	176	2.19	-
5210MHz	Pass	AV	5.222G	101.95	Inf	-Inf	3	Horizontal	176	2.19	-
5210MHz	Pass	AV	5.383G	48.98	54.00	-5.02	3	Horizontal	176	2.19	-
5210MHz	Pass	PK	5.123G	64.06	74.00	-9.94	3	Horizontal	176	2.19	-
5210MHz	Pass	PK	5.207G	112.55	Inf	-Inf	3	Horizontal	176	2.19	-
5210MHz	Pass	PK	5.399G	58.84	74.00	-15.16	3	Horizontal	176	2.19	-
5210MHz	Pass	AV	15.646G	47.66	54.00	-6.34	3	Vertical	245	2.06	-
5210MHz	Pass	PK	10.4374G	59.37	68.20	-8.83	3	Vertical	252	2.15	-
5210MHz	Pass	PK	15.61632G	58.12	74.00	-15.88	3	Vertical	245	2.06	-
5210MHz	Pass	AV	15.61984G	47.57	54.00	-6.43	3	Horizontal	31	1.20	-
5210MHz	Pass	PK	10.4418G	59.74	68.20	-8.46	3	Horizontal	226	1.50	-
5210MHz	Pass	PK	15.62992G	58.22	74.00	-15.78	3	Horizontal	31	1.20	-



RSE TX above 1GHz Non-Beamforming

Appendix E.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5290MHz	Pass	AV	5.146G	48.87	54.00	-5.13	3	Vertical	74	1.65	-
5290MHz	Pass	AV	5.305G	103.13	Inf	-Inf	3	Vertical	74	1.65	-
5290MHz	Pass	AV	5.35G	53.75	54.00	-0.25	3	Vertical	74	1.65	-
5290MHz	Pass	PK	5.15G	58.43	74.00	-15.57	3	Vertical	74	1.65	-
5290MHz	Pass	PK	5.279G	112.20	Inf	-Inf	3	Vertical	74	1.65	-
5290MHz	Pass	PK	5.522G	59.41	68.20	-8.79	3	Vertical	74	1.65	-
5290MHz	Pass	AV	5.097G	49.63	54.00	-4.37	3	Horizontal	187	2.11	-
5290MHz	Pass	AV	5.282G	102.31	Inf	-Inf	3	Horizontal	187	2.11	-
5290MHz	Pass	AV	5.351G	51.50	54.00	-2.50	3	Horizontal	187	2.11	-
5290MHz	Pass	PK	5.146G	59.49	74.00	-14.51	3	Horizontal	187	2.11	-
5290MHz	Pass	PK	5.287G	113.13	Inf	-Inf	3	Horizontal	187	2.11	-
5290MHz	Pass	PK	5.482G	58.81	68.20	-9.39	3	Horizontal	187	2.11	-
5290MHz	Pass	AV	10.6028G	50.61	54.00	-3.39	3	Vertical	255	1.40	-
5290MHz	Pass	AV	15.86536G	47.66	54.00	-6.34	3	Vertical	221	1.39	-
5290MHz	Pass	PK	10.5926G	61.38	68.20	-6.82	3	Vertical	255	1.40	-
5290MHz	Pass	PK	15.83128G	58.33	74.00	-15.67	3	Vertical	221	1.39	-
5290MHz	Pass	AV	10.6G	50.08	54.00	-3.92	3	Horizontal	222	2.19	-
5290MHz	Pass	AV	15.86654G	47.48	54.00	-6.52	3	Horizontal	214	1.28	-
5290MHz	Pass	PK	10.58005G	61.59	68.20	-6.61	3	Horizontal	222	2.19	-
5290MHz	Pass	PK	15.86624G	58.58	74.00	-15.42	3	Horizontal	214	1.28	-
5530MHz	Pass	AV	5.459G	52.96	54.00	-1.04	3	Vertical	75	1.51	-
5530MHz	Pass	AV	5.54G	101.60	Inf	-Inf	3	Vertical	75	1.51	-
5530MHz	Pass	PK	5.469G	63.48	68.20	-4.72	3	Vertical	75	1.51	-
5530MHz	Pass	PK	5.499G	110.87	Inf	-Inf	3	Vertical	75	1.51	-
5530MHz	Pass	PK	5.739G	59.43	68.20	-8.77	3	Vertical	75	1.51	-
5530MHz	Pass	AV	5.457G	53.63	54.00	-0.37	3	Horizontal	357	1.87	-
5530MHz	Pass	AV	5.523G	100.70	Inf	-Inf	3	Horizontal	357	1.87	-
5530MHz	Pass	PK	5.468G	63.31	68.20	-4.89	3	Horizontal	357	1.87	-
5530MHz	Pass	PK	5.548G	110.04	Inf	-Inf	3	Horizontal	357	1.87	-
5530MHz	Pass	PK	5.774G	59.04	68.20	-9.16	3	Horizontal	357	1.87	-
5530MHz	Pass	PK	11.0601G	64.03	74.00	-9.97	3	Vertical	254	1.49	-
5530MHz	Pass	AV	11.06022G	53.52	54.00	-0.48	3	Vertical	254	1.49	-
5530MHz	Pass	PK	16.58892G	58.19	68.20	-10.01	3	Vertical	339	1.87	-
5530MHz	Pass	PK	11.06193G	63.60	74.00	-10.40	3	Horizontal	314	1.44	-
5530MHz	Pass	AV	11.0621G	53.41	54.00	-0.59	3	Horizontal	314	1.44	-
5530MHz	Pass	PK	16.58953G	58.51	68.20	-9.69	3	Horizontal	11	2.41	-
5610MHz	Pass	AV	5.445G	49.39	54.00	-4.61	3	Vertical	69	2.27	-
5610MHz	Pass	AV	5.62G	102.39	Inf	-Inf	3	Vertical	69	2.27	-
5610MHz	Pass	PK	5.444G	59.43	74.00	-14.57	3	Vertical	69	2.27	-
5610MHz	Pass	PK	5.466G	59.06	68.20	-9.14	3	Vertical	69	2.27	-
5610MHz	Pass	PK	5.619G	111.97	Inf	-Inf	3	Vertical	69	2.27	-
5610MHz	Pass	PK	5.735G	60.09	68.20	-8.11	3	Vertical	69	2.27	-
5610MHz	Pass	AV	5.46G	48.65	54.00	-5.35	3	Horizontal	358	1.50	-
5610MHz	Pass	AV	5.598G	101.60	Inf	-Inf	3	Horizontal	358	1.50	-
5610MHz	Pass	PK	5.416G	58.57	74.00	-15.43	3	Horizontal	358	1.50	-
5610MHz	Pass	PK	5.464G	58.14	68.20	-10.06	3	Horizontal	358	1.50	-
5610MHz	Pass	PK	5.613G	111.50	Inf	-Inf	3	Horizontal	358	1.50	-
5610MHz	Pass	PK	5.73G	60.15	68.20	-8.05	3	Horizontal	358	1.50	-
5610MHz	Pass	AV	11.21792G	53.44	54.00	-0.56	3	Vertical	257	2.87	-
5610MHz	Pass	PK	11.21782G	65.41	74.00	-8.59	3	Vertical	257	2.87	-
5610MHz	Pass	PK	16.83171G	58.97	68.20	-9.23	3	Vertical	76	1.12	-
5610MHz	Pass	PK	11.2176G	65.99	74.00	-8.01	3	Horizontal	318	1.35	-
5610MHz	Pass	AV	11.22239G	53.90	54.00	-0.10	3	Horizontal	318	1.35	-
5610MHz	Pass	PK	16.83096G	59.03	68.20	-9.17	3	Horizontal	63	2.58	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4236G	48.53	54.00	-5.47	3	Vertical	73	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6996G	103.05	Inf	-Inf	3	Vertical	73	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	59.18	68.20	-9.02	3	Vertical	73	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6588G	113.46	Inf	-Inf	3	Vertical	73	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.9012G	60.34	68.20	-7.86	3	Vertical	73	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4524G	47.92	54.00	-6.08	3	Horizontal	355	1.41	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.678G	101.94	Inf	-Inf	3	Horizontal	355	1.41	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4644G	58.19	68.20	-10.01	3	Horizontal	355	1.41	-



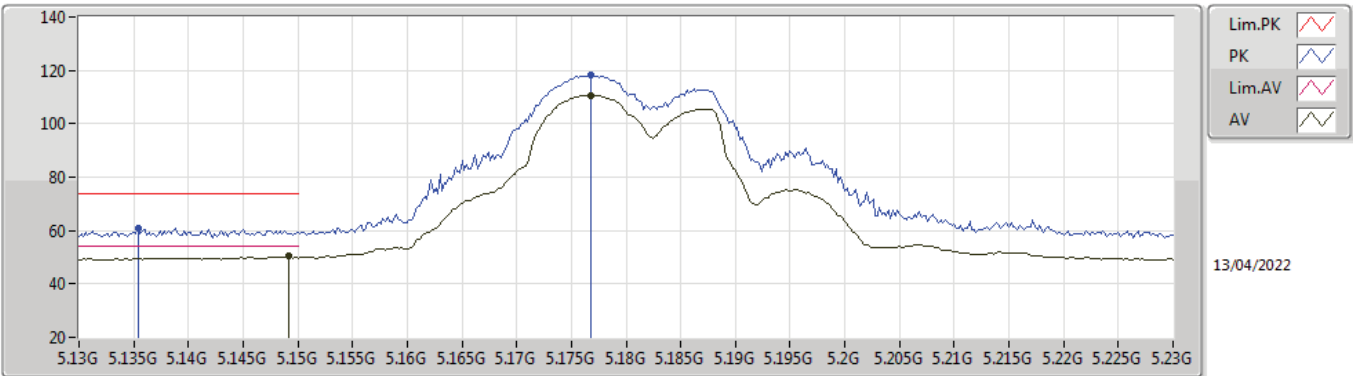
RSE TX above 1GHz Non-Beamforming

Appendix E.3

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	PK	5.6924G	113.35	Inf	-Inf	3	Horizontal	355	1.41	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8712G	60.04	68.20	-8.16	3	Horizontal	355	1.41	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.37988G	50.87	54.00	-3.13	3	Vertical	282	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.38052G	62.11	74.00	-11.89	3	Vertical	282	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.06838G	60.20	68.20	-8.00	3	Vertical	329	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.38211G	64.32	74.00	-9.68	3	Horizontal	313	1.39	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.38206G	53.79	54.00	-0.21	3	Horizontal	313	1.39	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.07243G	58.86	68.20	-9.34	3	Horizontal	174	1.81	-
5775MHz	Pass	AV	5.7642G	107.68	Inf	-Inf	3	Vertical	72	1.42	-
5775MHz	Pass	PK	5.6394G	67.88	68.20	-0.32	3	Vertical	72	1.42	-
5775MHz	Pass	PK	5.745G	118.24	Inf	-Inf	3	Vertical	72	1.42	-
5775MHz	Pass	PK	5.9286G	63.75	68.20	-4.45	3	Vertical	72	1.42	-
5775MHz	Pass	AV	5.7642G	107.26	Inf	-Inf	3	Horizontal	38	1.64	-
5775MHz	Pass	PK	5.649G	67.32	68.20	-0.88	3	Horizontal	38	1.64	-
5775MHz	Pass	PK	5.7834G	116.45	Inf	-Inf	3	Horizontal	38	1.64	-
5775MHz	Pass	PK	5.9394G	63.03	68.20	-5.17	3	Horizontal	38	1.64	-
5775MHz	Pass	AV	11.54996G	52.13	54.00	-1.87	3	Vertical	286	2.22	-
5775MHz	Pass	PK	11.55009G	63.14	74.00	-10.86	3	Vertical	286	2.22	-
5775MHz	Pass	PK	17.32426G	59.24	68.20	-8.96	3	Vertical	208	1.50	-
5775MHz	Pass	PK	11.54957G	63.63	74.00	-10.37	3	Horizontal	302	2.16	-
5775MHz	Pass	AV	11.54956G	53.40	54.00	-0.60	3	Horizontal	302	2.16	-
5775MHz	Pass	PK	17.32487G	59.11	68.20	-9.09	3	Horizontal	346	1.47	-
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.1444G	50.15	54.00	-3.85	3	Vertical	78	1.65	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.274G	97.10	Inf	-Inf	3	Vertical	78	1.65	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.3868G	50.63	54.00	-3.37	3	Vertical	78	1.65	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.1444G	59.24	74.00	-14.76	3	Vertical	78	1.65	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.2692G	106.70	Inf	-Inf	3	Vertical	78	1.65	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.5116G	59.68	68.20	-8.52	3	Vertical	78	1.65	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.136G	53.68	54.00	-0.32	3	Horizontal	168	1.35	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.2224G	96.13	Inf	-Inf	3	Horizontal	168	1.35	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.3868G	50.33	54.00	-3.67	3	Horizontal	168	1.35	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.136G	63.32	74.00	-10.68	3	Horizontal	168	1.35	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.2224G	104.33	Inf	-Inf	3	Horizontal	168	1.35	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.5164G	58.29	68.20	-9.91	3	Horizontal	168	1.35	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.49947G	56.55	68.20	-11.65	3	Vertical	254	2.30	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	15.73896G	57.11	74.00	-16.89	3	Vertical	100	1.56	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	15.73854G	47.80	54.00	-6.20	3	Vertical	100	1.56	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.50105G	55.29	68.20	-12.91	3	Horizontal	264	1.50	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	15.75462G	57.32	74.00	-16.68	3	Horizontal	350	2.18	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	15.75702G	47.70	54.00	-6.30	3	Horizontal	350	2.18	-
5570MHz	Pass	AV	5.449G	51.48	54.00	-2.52	3	Vertical	77	1.50	-
5570MHz	Pass	AV	5.539G	96.30	Inf	-Inf	3	Vertical	77	1.50	-
5570MHz	Pass	PK	5.467G	61.11	68.20	-7.09	3	Vertical	77	1.50	-
5570MHz	Pass	PK	5.55G	105.70	Inf	-Inf	3	Vertical	77	1.50	-
5570MHz	Pass	PK	5.725G	59.59	68.20	-8.61	3	Vertical	77	1.50	-
5570MHz	Pass	AV	5.456G	53.90	54.00	-0.10	3	Horizontal	360	1.50	-
5570MHz	Pass	AV	5.593G	95.66	Inf	-Inf	3	Horizontal	360	1.50	-
5570MHz	Pass	PK	5.468G	61.69	68.20	-6.51	3	Horizontal	360	1.50	-
5570MHz	Pass	PK	5.543G	104.68	Inf	-Inf	3	Horizontal	360	1.50	-
5570MHz	Pass	PK	5.811G	59.20	68.20	-9.00	3	Horizontal	360	1.50	-
5570MHz	Pass	PK	11.14179G	55.77	74.00	-18.23	3	Vertical	281	1.50	-
5570MHz	Pass	AV	11.1392G	46.30	54.00	-7.70	3	Vertical	281	1.50	-
5570MHz	Pass	PK	16.70358G	58.77	68.20	-9.43	3	Vertical	341	1.54	-
5570MHz	Pass	PK	11.14202G	56.15	74.00	-17.85	3	Horizontal	318	1.39	-
5570MHz	Pass	AV	11.14193G	47.19	54.00	-6.81	3	Horizontal	318	1.39	-
5570MHz	Pass	PK	16.7208G	58.52	68.20	-9.68	3	Horizontal	106	2.25	-

802.11a_Nss1,(6Mbps)_4TX

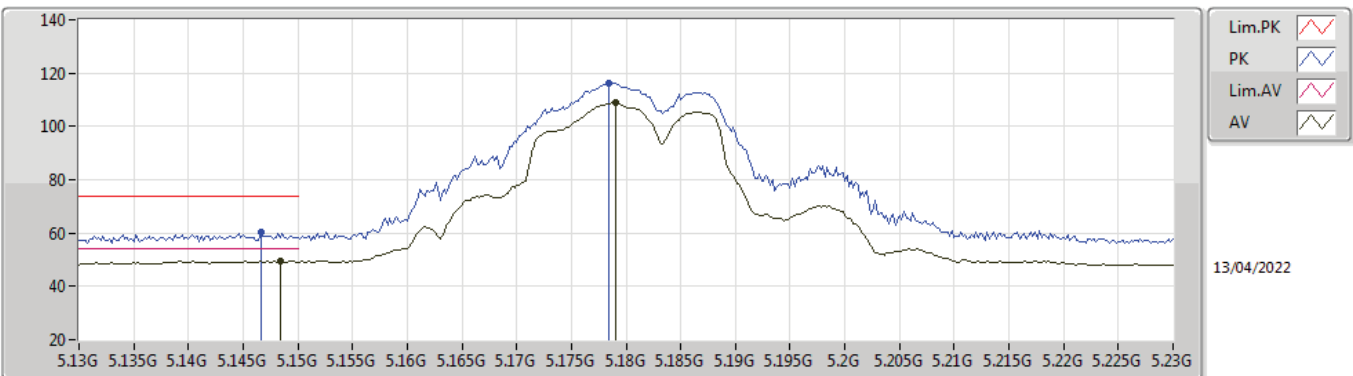
5180MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1492G	50.30	54.00	-3.70	5.21	3	Vertical	271	2.92	-	45.09	33.10	6.87	34.76
AV	5.1768G	110.72	Inf	-Inf	5.27	3	Vertical	271	2.92	-	105.45	33.15	6.88	34.76
PK	5.1354G	61.03	74.00	-12.97	5.17	3	Vertical	271	2.92	-	55.86	33.07	6.86	34.76
PK	5.1768G	118.04	Inf	-Inf	5.27	3	Vertical	271	2.92	-	112.77	33.15	6.88	34.76

802.11a_Nss1,(6Mbps)_4TX

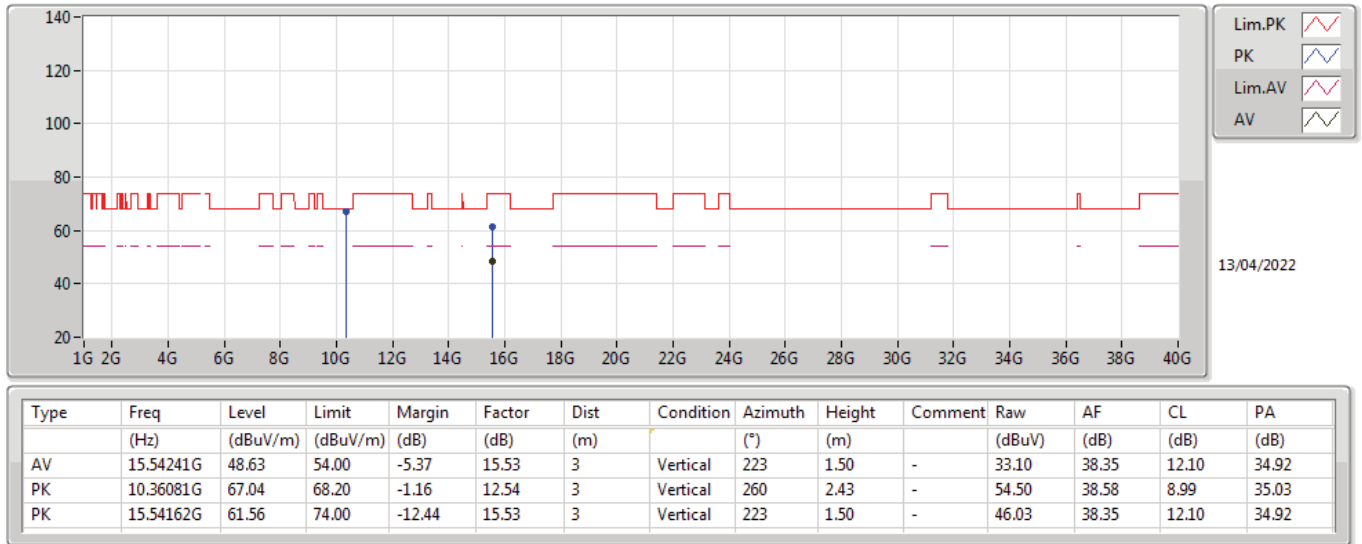
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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1484G	49.48	54.00	-4.52	5.21	3	Horizontal	321	1.83	-	44.27	33.10	6.87	34.76
AV	5.179G	108.72	Inf	-Inf	5.28	3	Horizontal	321	1.83	-	103.44	33.16	6.88	34.76
PK	5.1466G	60.16	74.00	-13.84	5.20	3	Horizontal	321	1.83	-	54.96	33.09	6.87	34.76
PK	5.1784G	116.10	Inf	-Inf	5.28	3	Horizontal	321	1.83	-	110.82	33.16	6.88	34.76

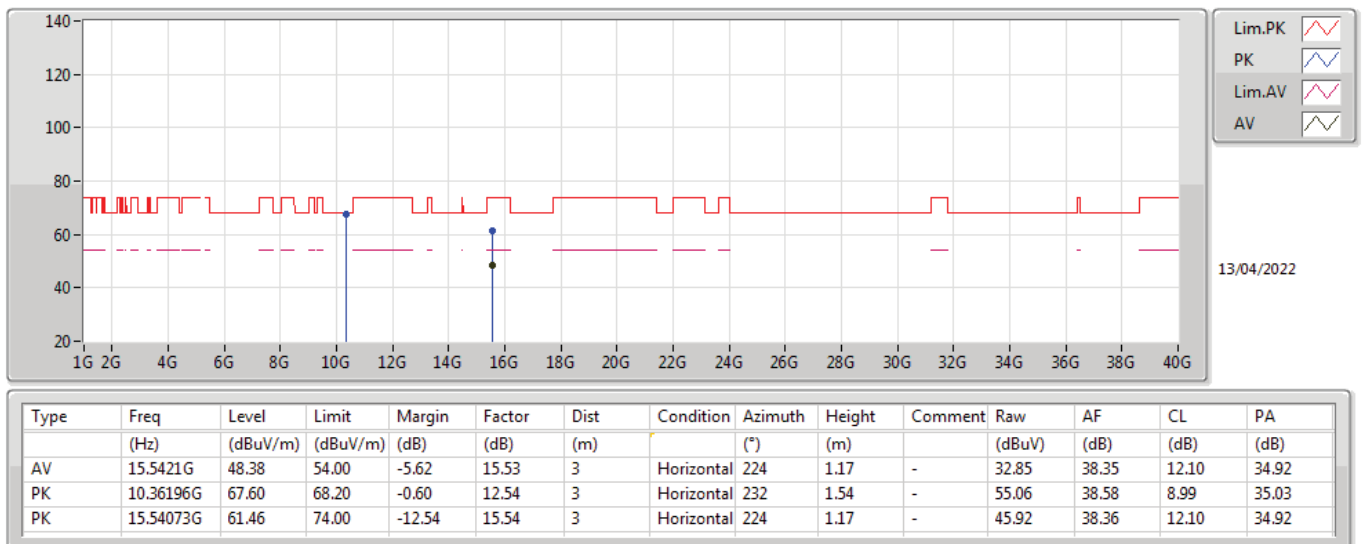
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5180MHz_TnomVnom



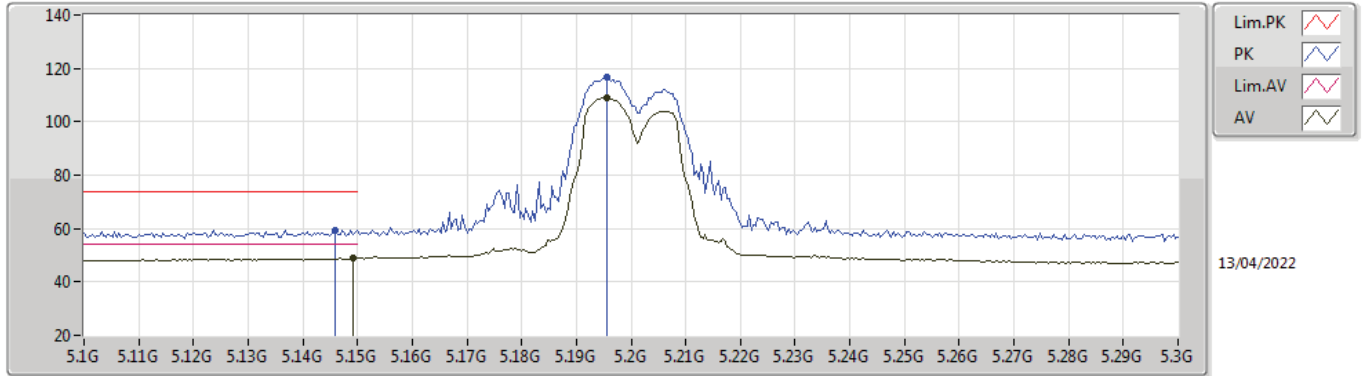
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5180MHz_TnomVnom



802.11a_Nss1,(6Mbps)_4TX

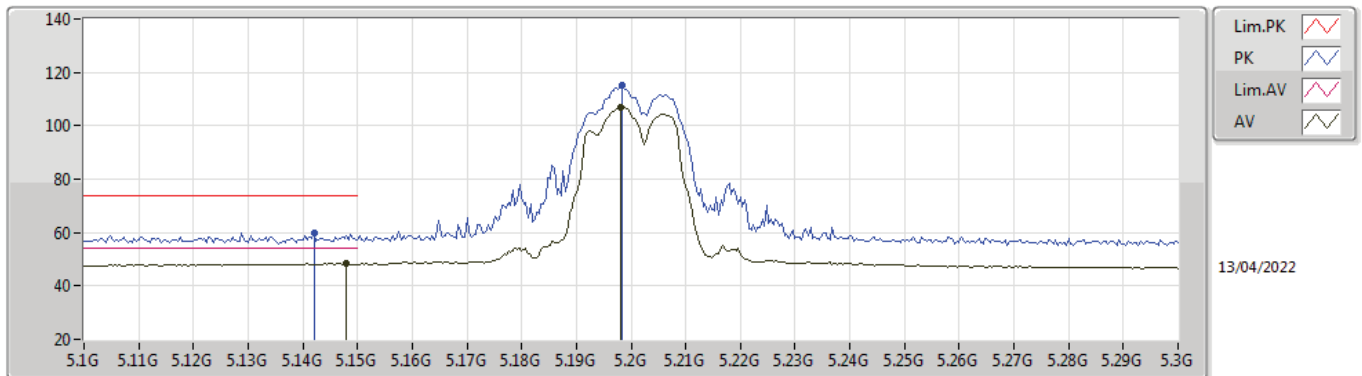
5200MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1492G	48.80	54.00	-5.20	5.21	3	Vertical	265	2.88	-	43.59	33.10	6.87	34.76
AV	5.1956G	108.97	Inf	-Inf	5.32	3	Vertical	265	2.88	-	103.65	33.19	6.89	34.76
PK	5.146G	59.43	74.00	-14.57	5.20	3	Vertical	265	2.88	-	54.23	33.09	6.87	34.76
PK	5.1956G	116.54	Inf	-Inf	5.32	3	Vertical	265	2.88	-	111.22	33.19	6.89	34.76

802.11a_Nss1,(6Mbps)_4TX

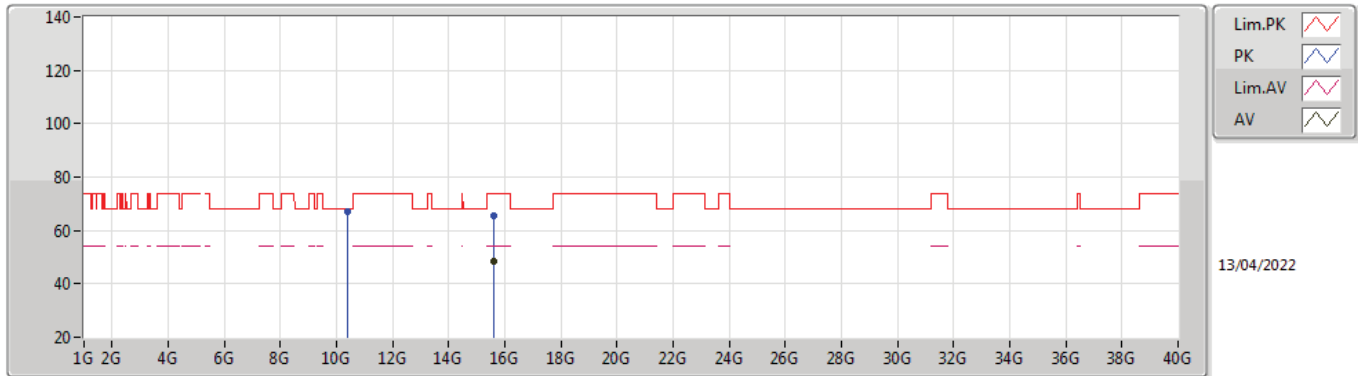
5200MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.148G	48.44	54.00	-5.56	5.21	3	Horizontal	315	1.43	-	43.23	33.10	6.87	34.76
AV	5.198G	106.90	Inf	-Inf	5.33	3	Horizontal	315	1.43	-	101.57	33.20	6.89	34.76
PK	5.142G	59.80	74.00	-14.20	5.19	3	Horizontal	315	1.43	-	54.61	33.08	6.87	34.76
PK	5.1984G	115.13	Inf	-Inf	5.33	3	Horizontal	315	1.43	-	109.80	33.20	6.89	34.76

802.11a_Nss1,(6Mbps)_4TX

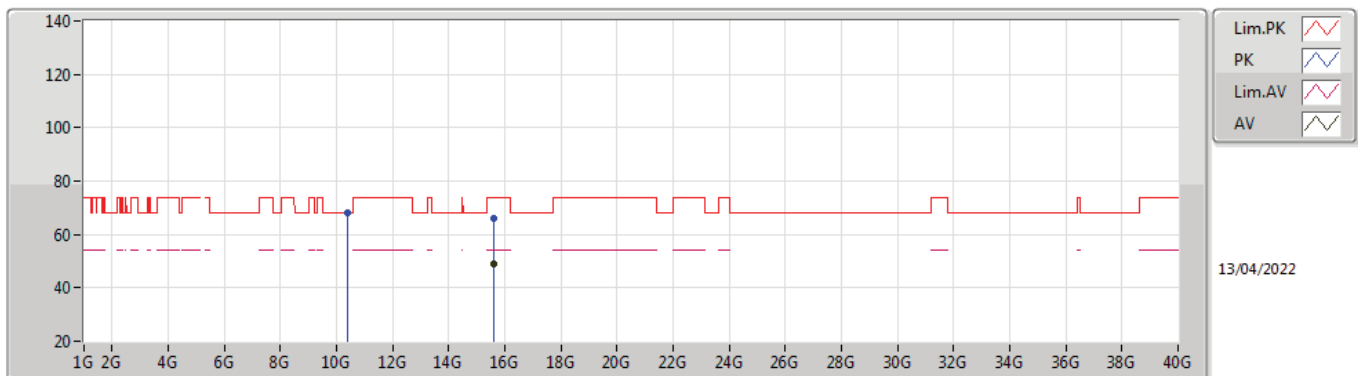
5200MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.60163G	48.22	54.00	-5.78	15.20	3	Vertical	222	1.50	-	33.02	38.00	12.16	34.96
PK	10.40154G	67.05	68.20	-1.15	12.51	3	Vertical	261	2.47	-	54.54	38.50	9.00	34.99
PK	15.60142G	65.35	74.00	-8.65	15.20	3	Vertical	222	1.50	-	50.15	38.00	12.16	34.96

802.11a_Nss1,(6Mbps)_4TX

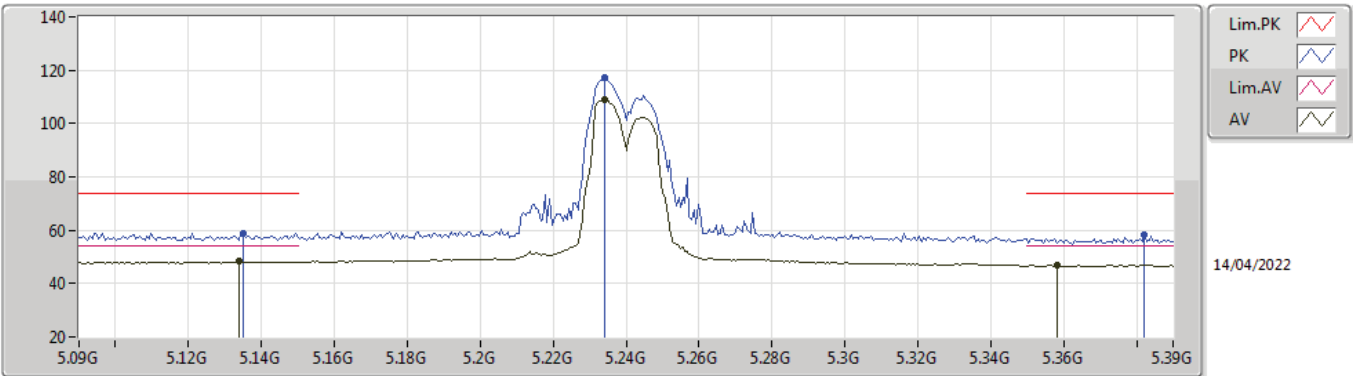
5200MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.59961G	48.71	54.00	-5.29	15.20	3	Horizontal	223	1.42	-	33.51	38.00	12.16	34.96
PK	10.3999G	67.92	68.20	-0.28	12.51	3	Horizontal	123	1.21	-	55.41	38.50	9.00	34.99
PK	15.6005G	66.28	74.00	-7.72	15.20	3	Horizontal	223	1.42	-	51.08	38.00	12.16	34.96

802.11a_Nss1,(6Mbps)_4TX

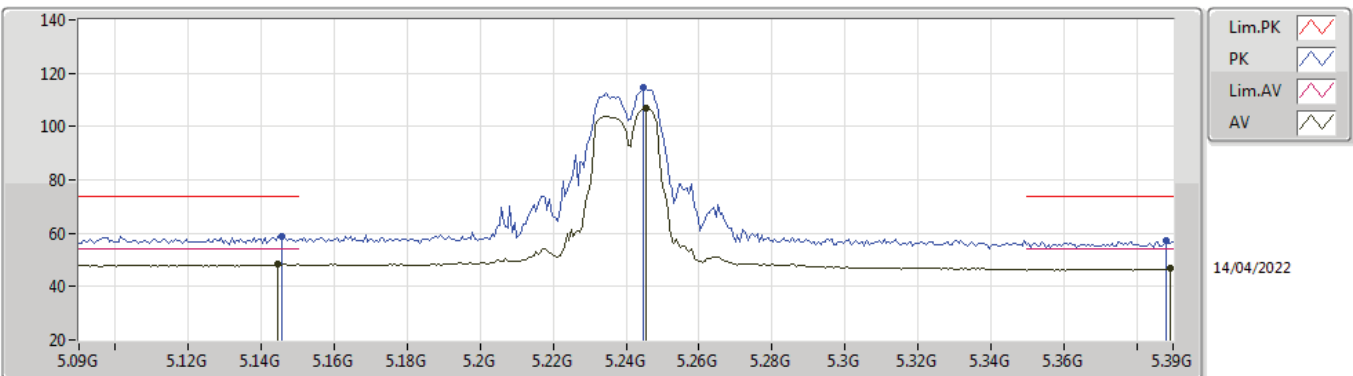
5240MHz_TnomVnom



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	5.1338G	48.24	54.00	-5.76	5.17	3	Vertical	261	2.77	-	43.07	33.07	6.86	34.76
AV	5.234G	108.79	Inf	-Inf	5.30	3	Vertical	261	2.77	-	103.49	33.13	6.93	34.76
AV	5.3582G	46.94	54.00	-7.06	5.05	3	Vertical	261	2.77	-	41.89	32.75	7.07	34.77
PK	5.135G	58.84	74.00	-15.16	5.17	3	Vertical	261	2.77	-	53.67	33.07	6.86	34.76
PK	5.234G	117.49	Inf	-Inf	5.30	3	Vertical	261	2.77	-	112.19	33.13	6.93	34.76
PK	5.3822G	58.08	74.00	-15.92	5.22	3	Vertical	261	2.77	-	52.86	32.89	7.10	34.77

802.11a_Nss1,(6Mbps)_4TX

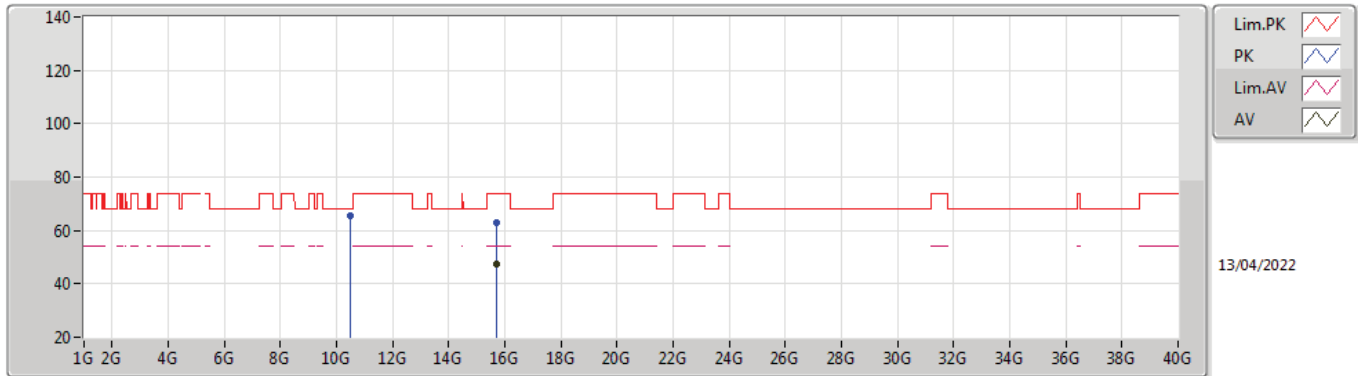
5240MHz_TnomVnom



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	5.1446G	48.27	54.00	-5.73	5.20	3	Horizontal	163	1.30	-	43.07	33.09	6.87	34.76
AV	5.2454G	107.14	Inf	-Inf	5.29	3	Horizontal	163	1.30	-	101.85	33.11	6.94	34.76
AV	5.3894G	46.81	54.00	-7.19	5.28	3	Horizontal	163	1.30	-	41.53	32.94	7.11	34.77
PK	5.1458G	58.76	74.00	-15.24	5.20	3	Horizontal	163	1.30	-	53.56	33.09	6.87	34.76
PK	5.2448G	114.50	Inf	-Inf	5.29	3	Horizontal	163	1.30	-	109.21	33.11	6.94	34.76
PK	5.3882G	57.07	74.00	-16.93	5.27	3	Horizontal	163	1.30	-	51.80	32.93	7.11	34.77

802.11a_Nss1,(6Mbps)_4TX

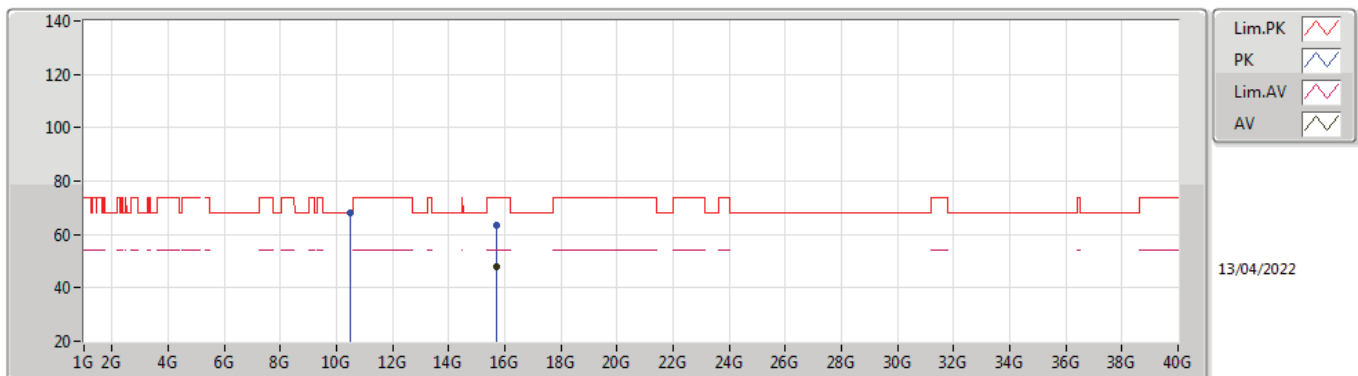
5240MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.71888G	47.52	54.00	-6.48	15.33	3	Vertical	218	1.54	-	32.19	38.08	12.28	35.03
PK	10.48152G	65.38	68.20	-2.82	12.69	3	Vertical	252	1.50	-	52.69	38.58	9.03	34.92
PK	15.72016G	63.02	74.00	-10.98	15.33	3	Vertical	218	1.54	-	47.69	38.08	12.28	35.03

802.11a_Nss1,(6Mbps)_4TX

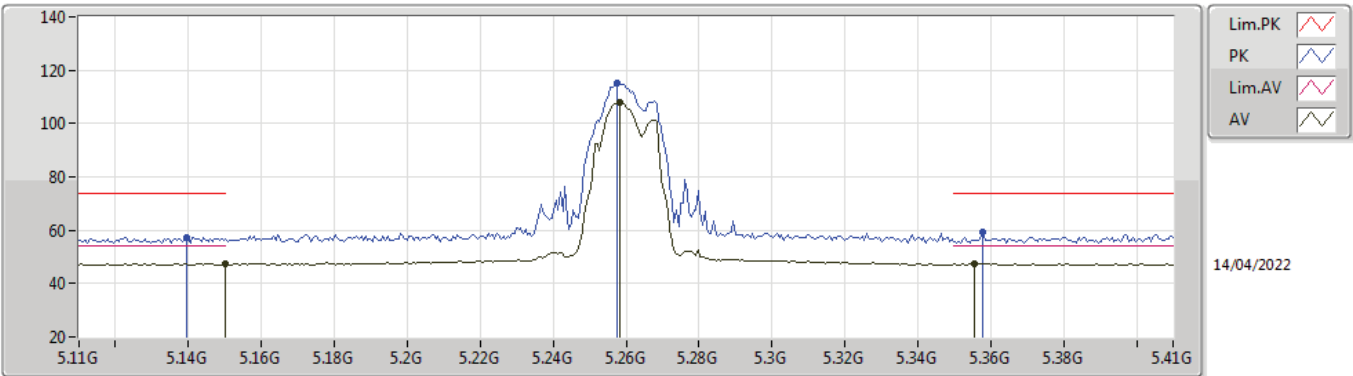
5240MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.71586G	47.72	54.00	-6.28	15.33	3	Horizontal	217	1.14	-	32.39	38.08	12.28	35.03
PK	10.4815G	68.02	68.20	-0.18	12.69	3	Horizontal	224	2.28	-	55.33	38.58	9.03	34.92
PK	15.71556G	63.63	74.00	-10.37	15.33	3	Horizontal	217	1.14	-	48.30	38.08	12.28	35.03

802.11a_Nss1,(6Mbps)_4TX

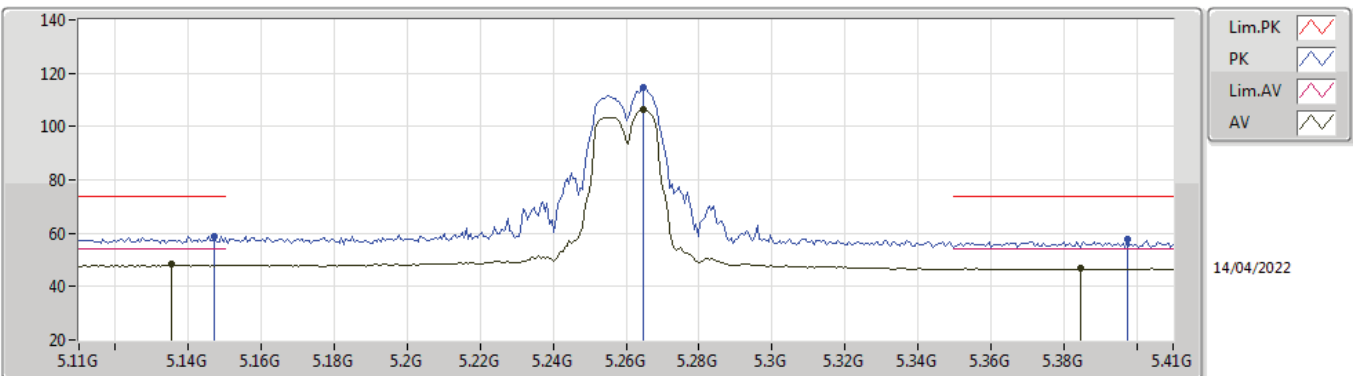
5260MHz_TnomVnom



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	5.15G	47.53	54.00	-6.47	5.21	3	Vertical	80	1.78	-	42.32	33.10	6.87	34.76
AV	5.2582G	107.84	Inf	-Inf	5.26	3	Vertical	80	1.78	-	102.58	33.07	6.96	34.77
AV	5.3554G	47.52	54.00	-6.48	5.03	3	Vertical	80	1.78	-	42.49	32.73	7.07	34.77
PK	5.1394G	57.41	74.00	-16.59	5.19	3	Vertical	80	1.78	-	52.22	33.08	6.87	34.76
PK	5.2576G	115.15	Inf	-Inf	5.26	3	Vertical	80	1.78	-	109.89	33.07	6.96	34.77
PK	5.3578G	59.11	74.00	-14.89	5.05	3	Vertical	80	1.78	-	54.06	32.75	7.07	34.77

802.11a_Nss1,(6Mbps)_4TX

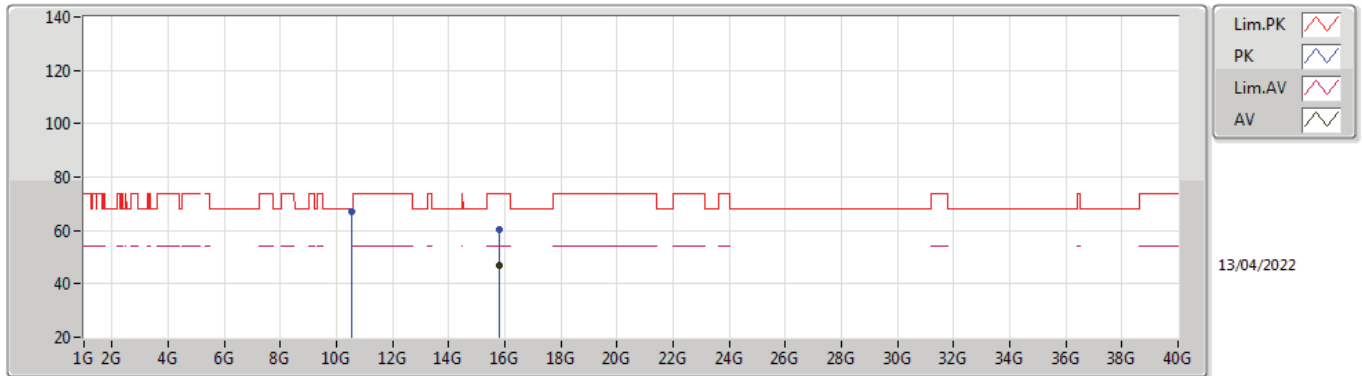
5260MHz_TnomVnom



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	5.1352G	48.20	54.00	-5.80	5.17	3	Horizontal	170	1.34	-	43.03	33.07	6.86	34.76
AV	5.2648G	106.38	Inf	-Inf	5.23	3	Horizontal	170	1.34	-	101.15	33.04	6.96	34.77
AV	5.3848G	46.71	54.00	-7.29	5.24	3	Horizontal	170	1.34	-	41.47	32.91	7.10	34.77
PK	5.1472G	59.03	74.00	-14.97	5.20	3	Horizontal	170	1.34	-	53.83	33.09	6.87	34.76
PK	5.2648G	114.46	Inf	-Inf	5.23	3	Horizontal	170	1.34	-	109.23	33.04	6.96	34.77
PK	5.3974G	57.71	74.00	-16.29	5.33	3	Horizontal	170	1.34	-	52.38	32.98	7.12	34.77

802.11a_Nss1,(6Mbps)_4TX

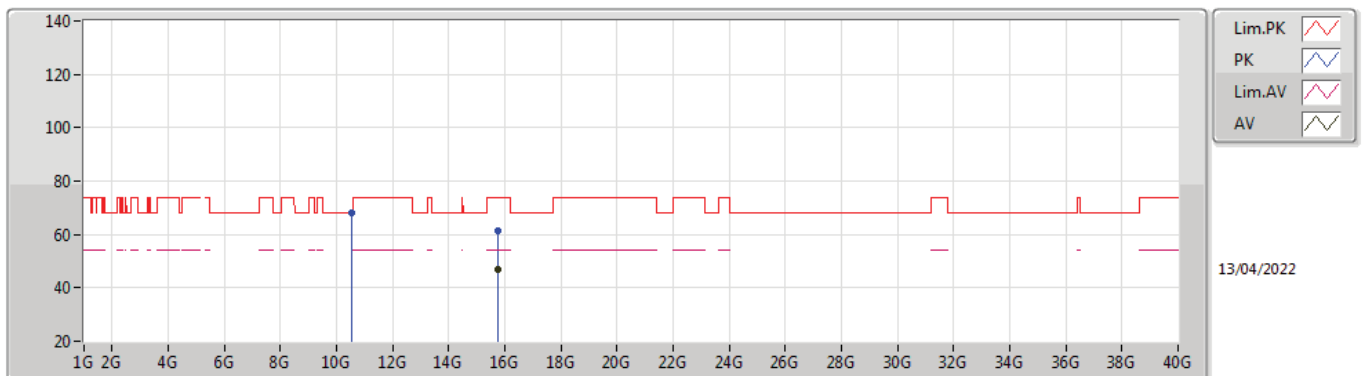
5260MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.7792G	47.11	54.00	-6.89	15.30	3	Vertical	218	1.54	-	31.81	38.02	12.34	35.06
PK	10.5244G	66.97	68.20	-1.23	12.82	3	Vertical	254	1.39	-	54.15	38.67	9.04	34.89
PK	15.77952G	60.51	74.00	-13.49	15.30	3	Vertical	218	1.54	-	45.21	38.02	12.34	35.06

802.11a_Nss1,(6Mbps)_4TX

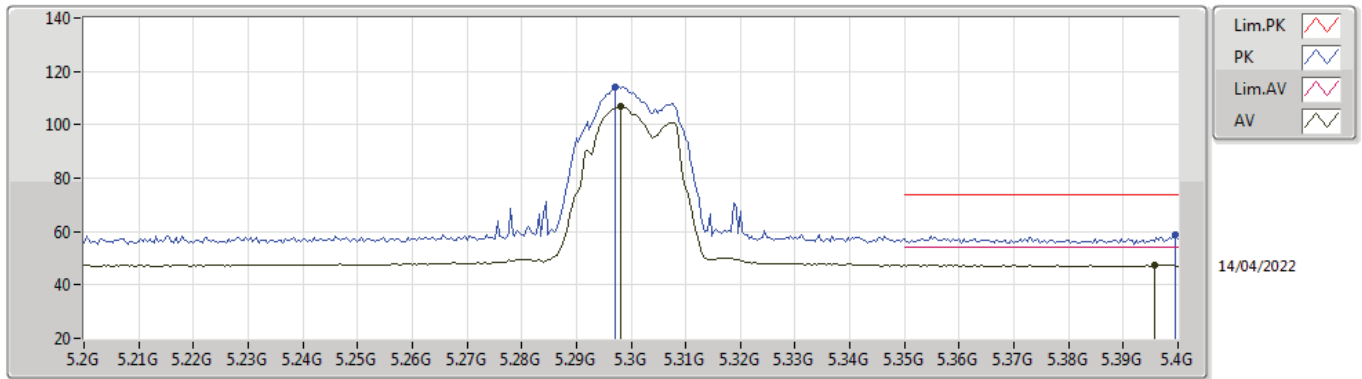
5260MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.77106G	46.77	54.00	-7.23	15.30	3	Horizontal	210	1.11	-	31.47	38.03	12.33	35.06
PK	10.52132G	67.96	68.20	-0.24	12.81	3	Horizontal	229	1.52	-	55.15	38.66	9.04	34.89
PK	15.77334G	61.15	74.00	-12.85	15.30	3	Horizontal	210	1.11	-	45.85	38.03	12.33	35.06

802.11a_Nss1,(6Mbps)_4TX

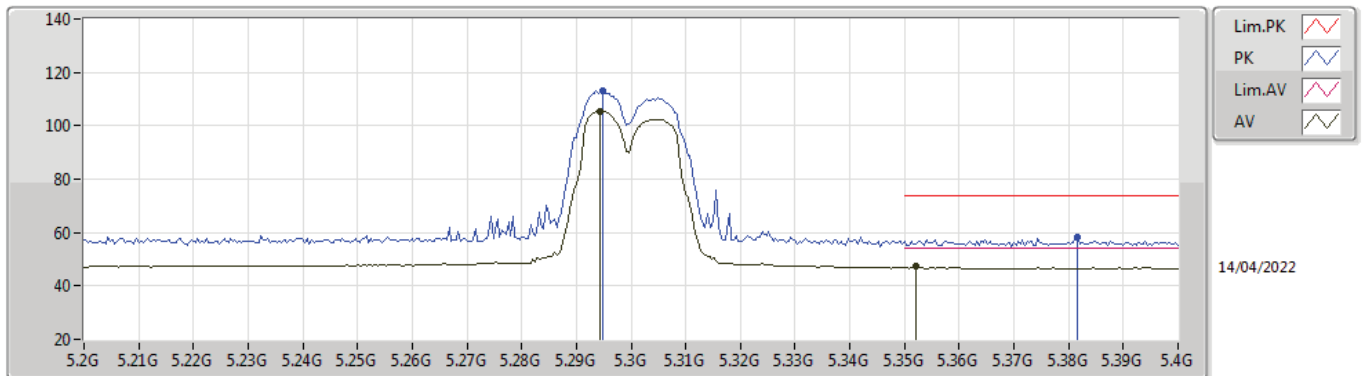
5300MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.298G	106.73	Inf	-Inf	5.14	3	Vertical	80	1.68	-	101.59	32.91	7.00	34.77
AV	5.3956G	47.58	54.00	-6.42	5.31	3	Vertical	80	1.68	-	42.27	32.97	7.11	34.77
PK	5.2972G	114.32	Inf	-Inf	5.14	3	Vertical	80	1.68	-	109.18	32.91	7.00	34.77
PK	5.3996G	58.73	74.00	-15.27	5.35	3	Vertical	80	1.68	-	53.38	33.00	7.12	34.77

802.11a_Nss1,(6Mbps)_4TX

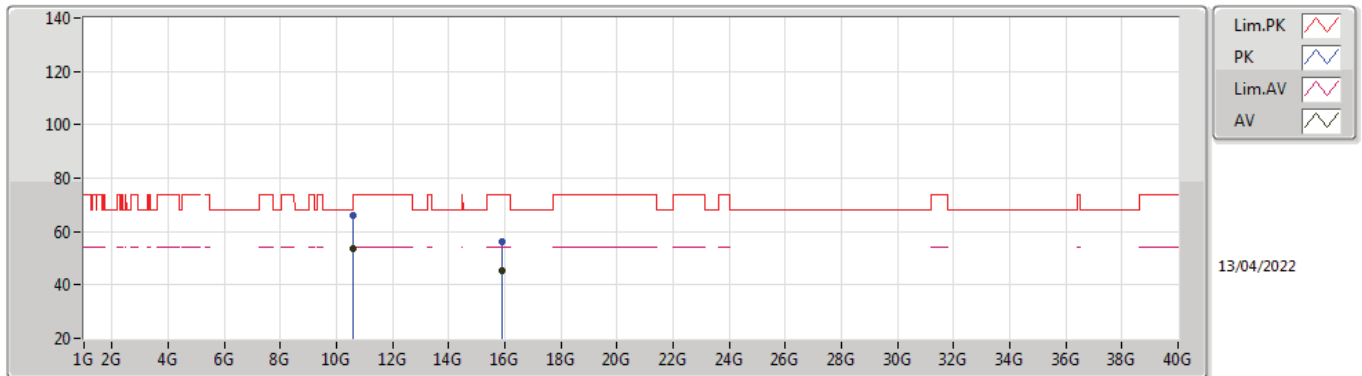
5300MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2944G	105.41	Inf	-Inf	5.15	3	Horizontal	184	2.25	-	100.26	32.92	7.00	34.77
AV	5.352G	47.19	54.00	-6.81	5.00	3	Horizontal	184	2.25	-	42.19	32.71	7.06	34.77
PK	5.2948G	113.23	Inf	-Inf	5.15	3	Horizontal	184	2.25	-	108.08	32.92	7.00	34.77
PK	5.3816G	58.12	74.00	-15.88	5.22	3	Horizontal	184	2.25	-	52.90	32.89	7.10	34.77

802.11a_Nss1,(6Mbps)_4TX

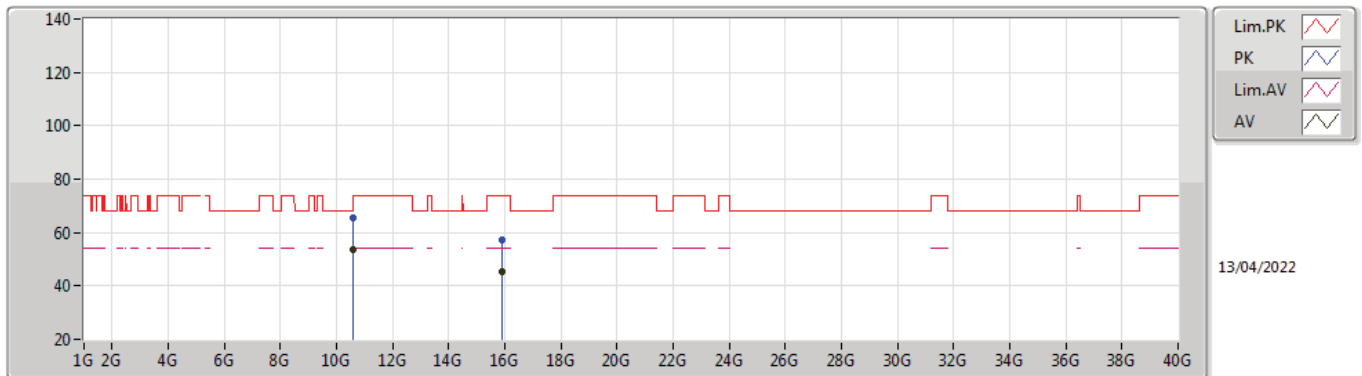
5300MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.6016G	53.46	54.00	-0.54	13.10	3	Vertical	250	1.46	-	40.36	38.90	9.07	34.87
AV	15.89056G	45.43	54.00	-8.57	14.96	3	Vertical	235	1.50	-	30.47	37.64	12.45	35.13
PK	10.60136G	65.98	74.00	-8.02	13.10	3	Vertical	250	1.46	-	52.88	38.90	9.07	34.87
PK	15.91104G	56.39	74.00	-17.61	14.93	3	Vertical	235	1.50	-	41.46	37.60	12.47	35.14

802.11a_Nss1,(6Mbps)_4TX

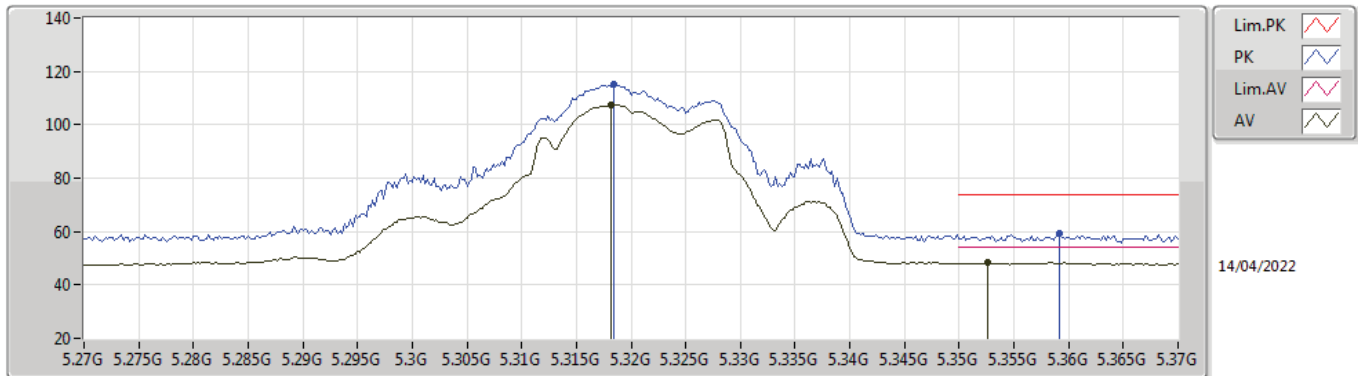
5300MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.60258G	53.73	54.00	-0.27	13.11	3	Horizontal	232	1.50	-	40.62	38.91	9.07	34.87
AV	15.89676G	45.60	54.00	-8.40	14.94	3	Horizontal	230	1.50	-	30.66	37.61	12.46	35.13
PK	10.6018G	65.46	74.00	-8.54	13.10	3	Horizontal	232	1.50	-	52.36	38.90	9.07	34.87
PK	15.90672G	57.06	74.00	-16.94	14.93	3	Horizontal	230	1.50	-	42.13	37.60	12.47	35.14

802.11a_Nss1,(6Mbps)_4TX

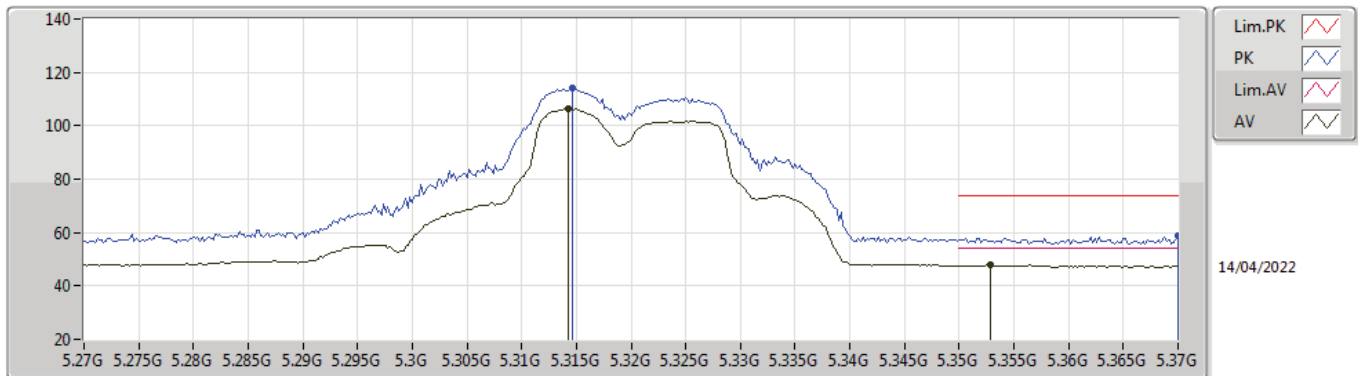
5320MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3182G	107.24	Inf	-Inf	5.09	3	Vertical	79	1.49	-	102.15	32.83	7.03	34.77
AV	5.3526G	48.50	54.00	-5.50	5.02	3	Vertical	79	1.49	-	43.48	32.72	7.07	34.77
PK	5.3184G	115.00	Inf	-Inf	5.09	3	Vertical	79	1.49	-	109.91	32.83	7.03	34.77
PK	5.3592G	59.51	74.00	-14.49	5.06	3	Vertical	79	1.49	-	54.45	32.76	7.07	34.77

802.11a_Nss1,(6Mbps)_4TX

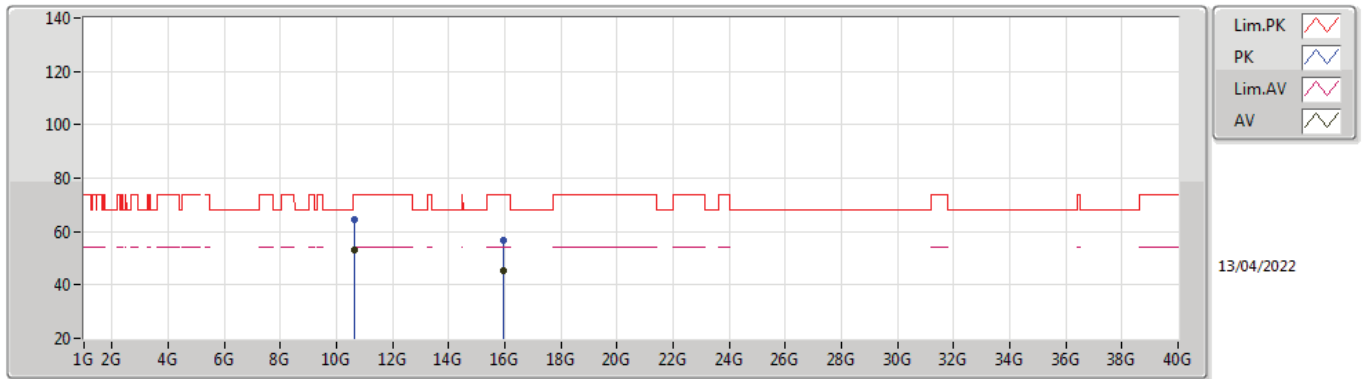
5320MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3142G	106.37	Inf	-Inf	5.09	3	Horizontal	188	2.14	-	101.28	32.84	7.02	34.77
AV	5.3528G	47.88	54.00	-6.12	5.02	3	Horizontal	188	2.14	-	42.86	32.72	7.07	34.77
PK	5.3146G	113.89	Inf	-Inf	5.09	3	Horizontal	188	2.14	-	108.80	32.84	7.02	34.77
PK	5.37G	58.65	74.00	-15.35	5.14	3	Horizontal	188	2.14	-	53.51	32.82	7.09	34.77

802.11a_Nss1,(6Mbps)_4TX

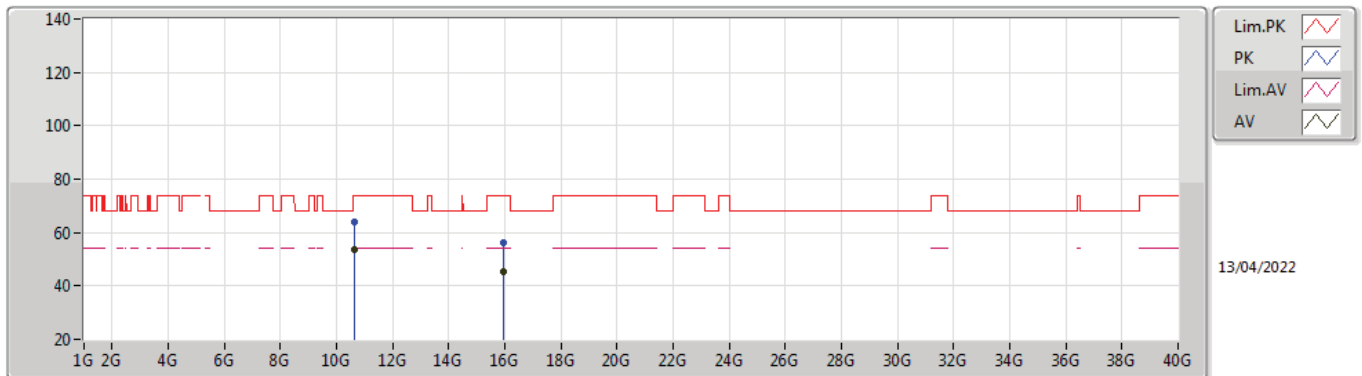
5320MHz_TnomVnom



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	10.64128G	53.27	54.00	-0.73	13.21	3	Vertical	252	1.86	-	40.06	38.98	9.08	34.85
AV	15.9628G	45.44	54.00	-8.56	14.95	3	Vertical	308	1.72	-	30.49	37.60	12.52	35.17
PK	10.64128G	64.39	74.00	-9.61	13.21	3	Vertical	252	1.86	-	51.18	38.98	9.08	34.85
PK	15.96084G	56.68	74.00	-17.32	14.95	3	Vertical	308	1.72	-	41.73	37.60	12.52	35.17

802.11a_Nss1,(6Mbps)_4TX

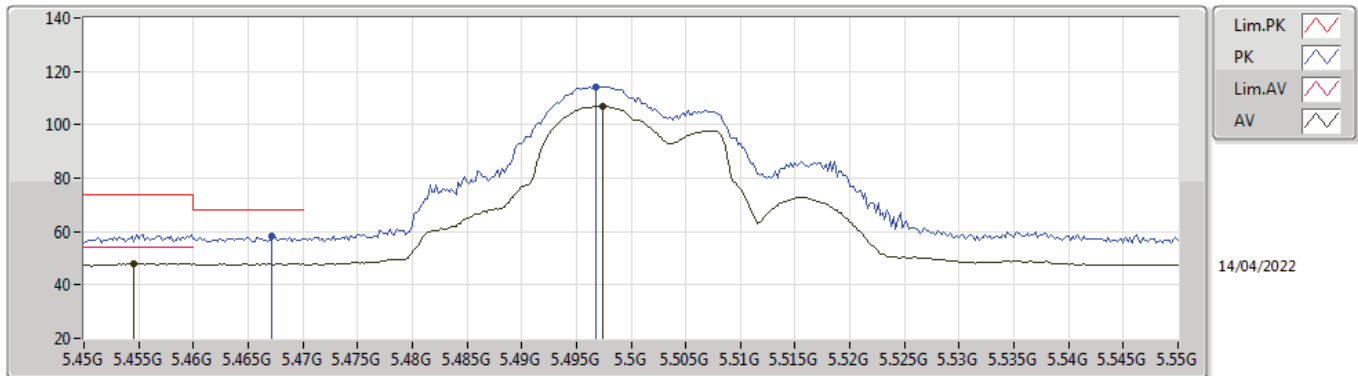
5320MHz_TnomVnom



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	10.64048G	53.64	54.00	-0.36	13.20	3	Horizontal	224	2.18	-	40.44	38.98	9.08	34.86
AV	15.96324G	45.34	54.00	-8.66	14.95	3	Horizontal	284	1.41	-	30.39	37.60	12.52	35.17
PK	10.64068G	64.21	74.00	-9.79	13.21	3	Horizontal	224	2.18	-	51.00	38.98	9.08	34.85
PK	15.96412G	56.34	74.00	-17.66	14.95	3	Horizontal	284	1.41	-	41.39	37.60	12.52	35.17

802.11a_Nss1,(6Mbps)_4TX

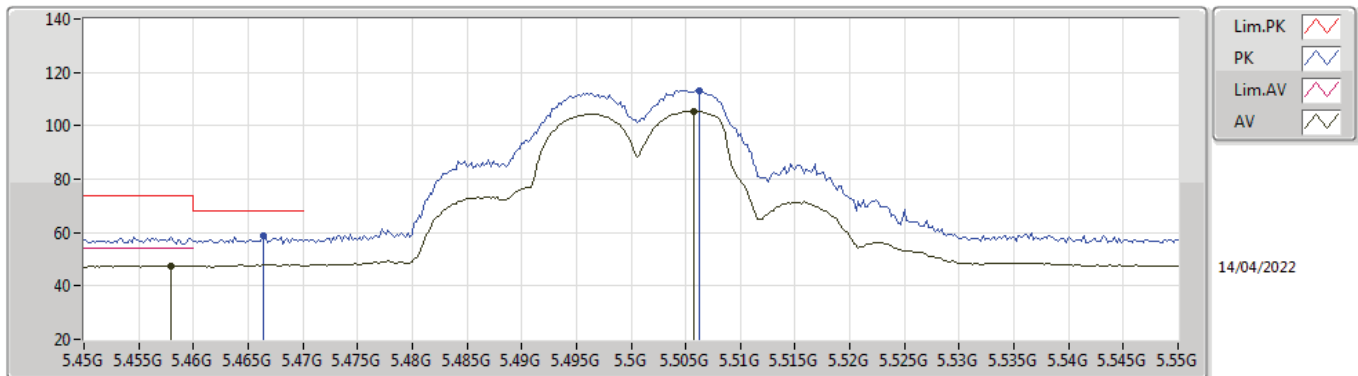
5500MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4546G	47.98	54.00	-6.02	5.12	3	Vertical	83	1.60	-	42.86	32.81	7.08	34.77
AV	5.4974G	106.94	Inf	-Inf	5.18	3	Vertical	83	1.60	-	101.76	32.89	7.06	34.77
PK	5.4672G	58.20	68.20	-10.00	5.14	3	Vertical	83	1.60	-	53.06	32.83	7.08	34.77
PK	5.4968G	114.31	Inf	-Inf	5.18	3	Vertical	83	1.60	-	109.13	32.89	7.06	34.77

802.11a_Nss1,(6Mbps)_4TX

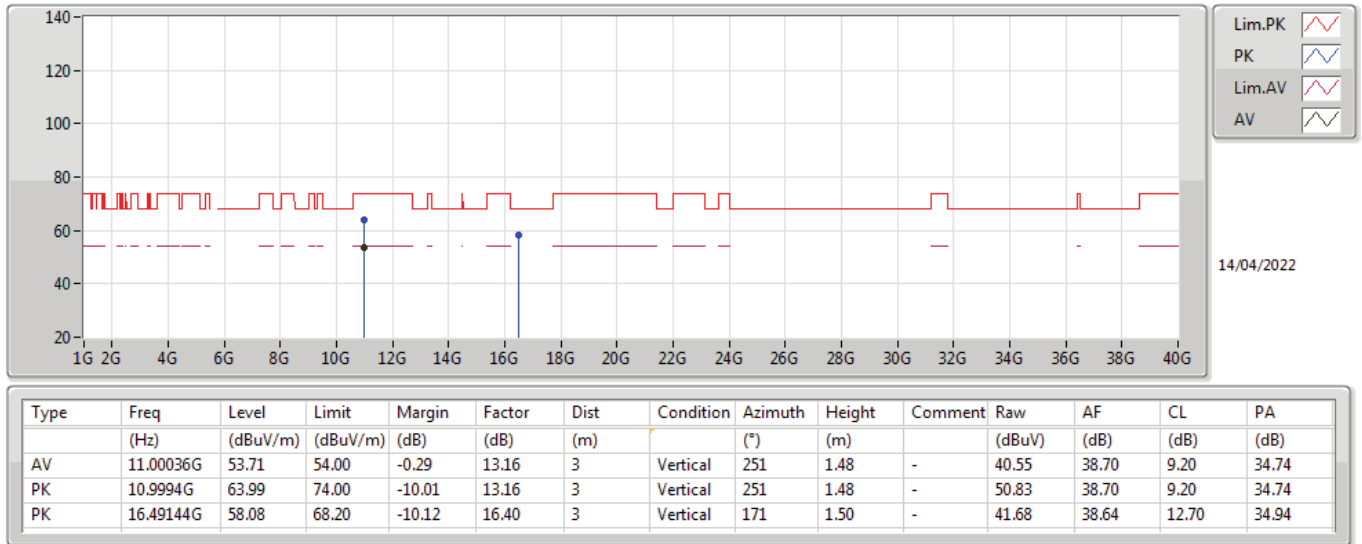
5500MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.458G	47.67	54.00	-6.33	5.13	3	Horizontal	349	1.60	-	42.54	32.82	7.08	34.77
AV	5.5058G	105.43	Inf	-Inf	5.19	3	Horizontal	349	1.60	-	100.24	32.91	7.05	34.77
PK	5.4664G	58.64	68.20	-9.56	5.14	3	Horizontal	349	1.60	-	53.50	32.83	7.08	34.77
PK	5.5062G	113.23	Inf	-Inf	5.19	3	Horizontal	349	1.60	-	108.04	32.91	7.05	34.77

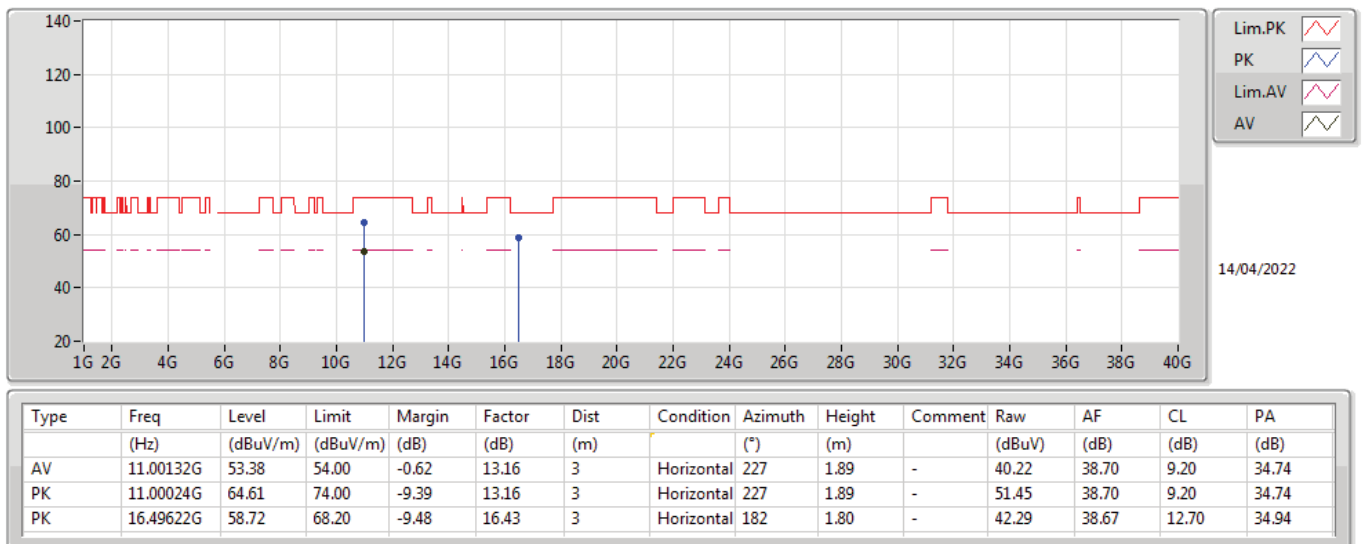
802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom



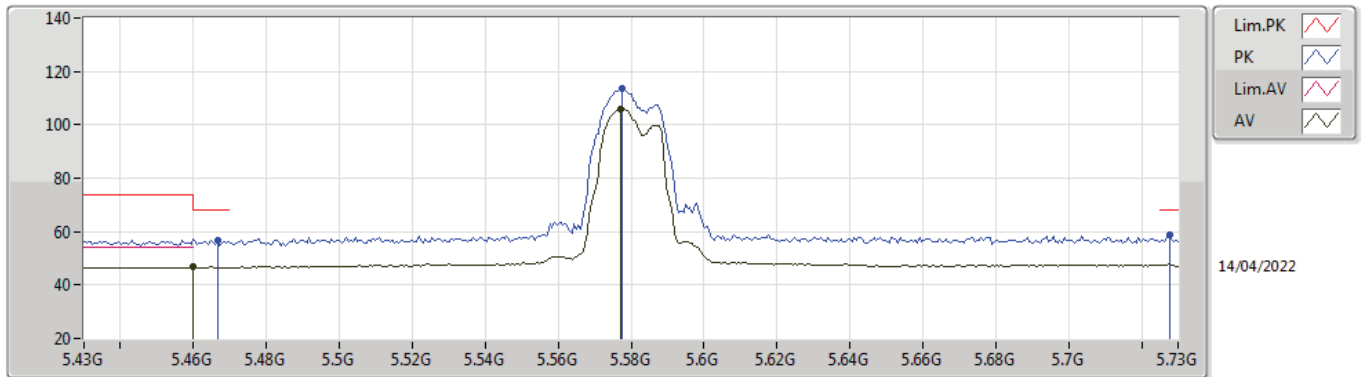
802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom



802.11a_Nss1,(6Mbps)_4TX

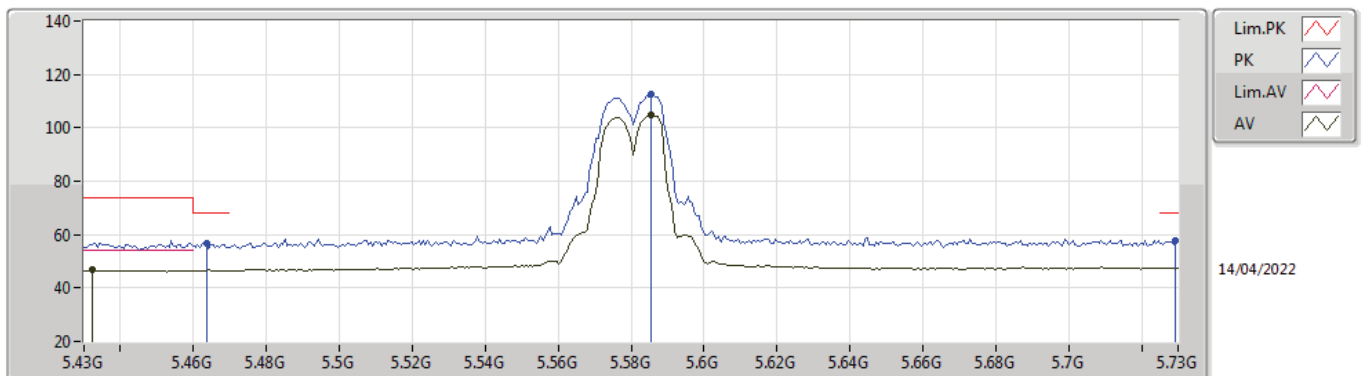
5580MHz_TnomVnom



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	5.46G	46.65	54.00	-7.35	5.13	3	Vertical	81	1.60	-	41.52	32.82	7.08	34.77
AV	5.577G	105.97	Inf	-Inf	5.23	3	Vertical	81	1.60	-	100.74	33.00	7.00	34.77
PK	5.466G	56.87	68.20	-11.33	5.14	3	Vertical	81	1.60	-	51.73	32.83	7.08	34.77
PK	5.577G	113.66	Inf	-Inf	5.23	3	Vertical	81	1.60	-	108.43	33.00	7.00	34.77
PK	5.727G	58.71	68.20	-9.49	5.68	3	Vertical	81	1.60	-	53.03	33.51	6.94	34.77

802.11a_Nss1,(6Mbps)_4TX

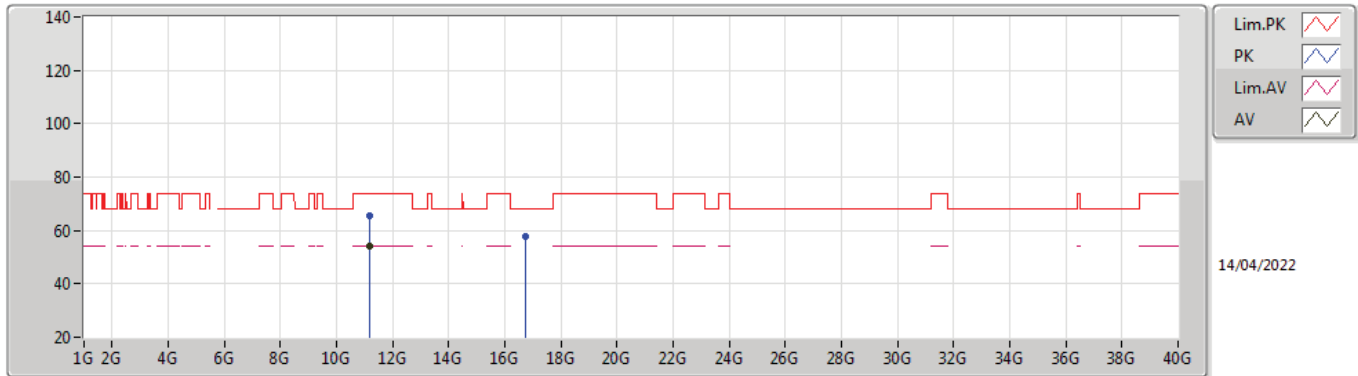
5580MHz_TnomVnom



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	5.4324G	46.71	54.00	-7.29	5.20	3	Horizontal	355	1.65	-	41.51	32.87	7.10	34.77
AV	5.5854G	104.83	Inf	-Inf	5.23	3	Horizontal	355	1.65	-	99.60	33.00	7.00	34.77
PK	5.4636G	56.90	68.20	-11.30	5.14	3	Horizontal	355	1.65	-	51.76	32.83	7.08	34.77
PK	5.5854G	112.50	Inf	-Inf	5.23	3	Horizontal	355	1.65	-	107.27	33.00	7.00	34.77
PK	5.7294G	57.77	68.20	-10.43	5.69	3	Horizontal	355	1.65	-	52.08	33.52	6.94	34.77

802.11a_Nss1,(6Mbps)_4TX

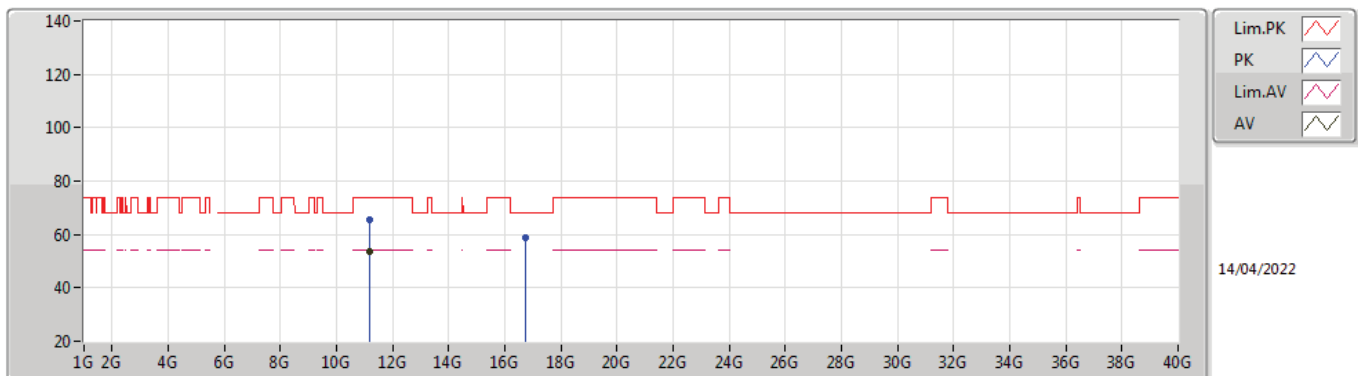
5580MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.16G	53.89	54.00	-0.11	13.21	3	Vertical	254	1.47	-	40.68	38.66	9.25	34.70
PK	11.15952G	65.56	74.00	-8.44	13.21	3	Vertical	254	1.47	-	52.35	38.66	9.25	34.70
PK	16.73316G	57.75	68.20	-10.45	16.47	3	Vertical	295	1.65	-	41.28	38.17	12.77	34.47

802.11a_Nss1,(6Mbps)_4TX

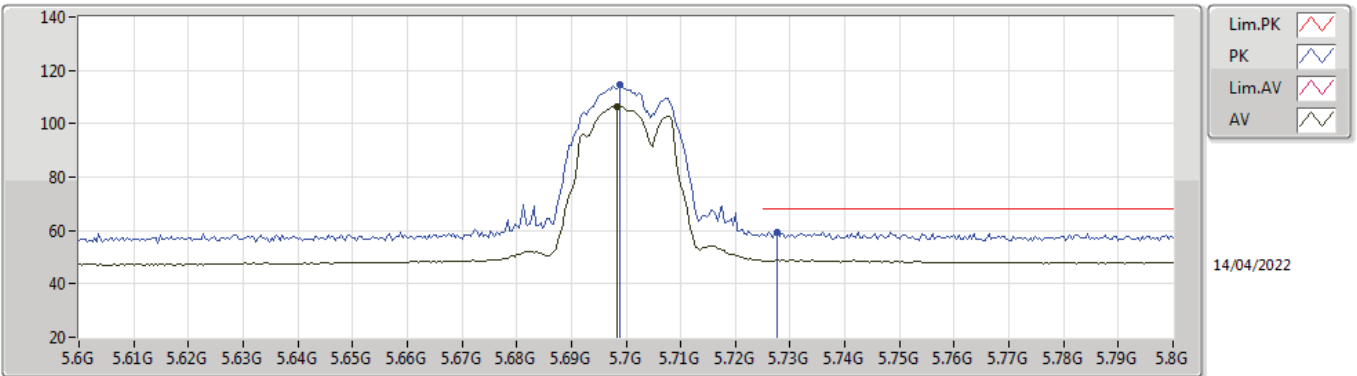
5580MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.15706G	53.78	54.00	-0.22	13.21	3	Horizontal	322	1.26	-	40.57	38.66	9.25	34.70
PK	11.1558G	65.71	74.00	-8.29	13.21	3	Horizontal	322	1.26	-	52.50	38.66	9.25	34.70
PK	16.72878G	58.92	68.20	-9.28	16.45	3	Horizontal	249	2.02	-	42.47	38.16	12.77	34.48

802.11a_Nss1,(6Mbps)_4TX

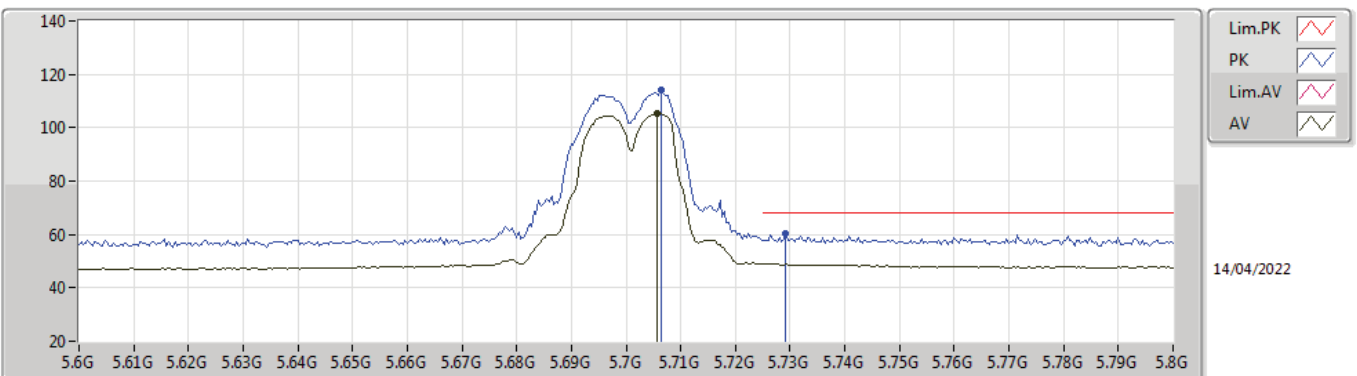
5700MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6984G	106.44	Inf	-Inf	5.57	3	Vertical	74	2.23	-	100.87	33.39	6.95	34.77
PK	5.6988G	114.41	Inf	-Inf	5.57	3	Vertical	74	2.23	-	108.84	33.39	6.95	34.77
PK	5.7276G	59.52	68.20	-8.68	5.68	3	Vertical	74	2.23	-	53.84	33.51	6.94	34.77

802.11a_Nss1,(6Mbps)_4TX

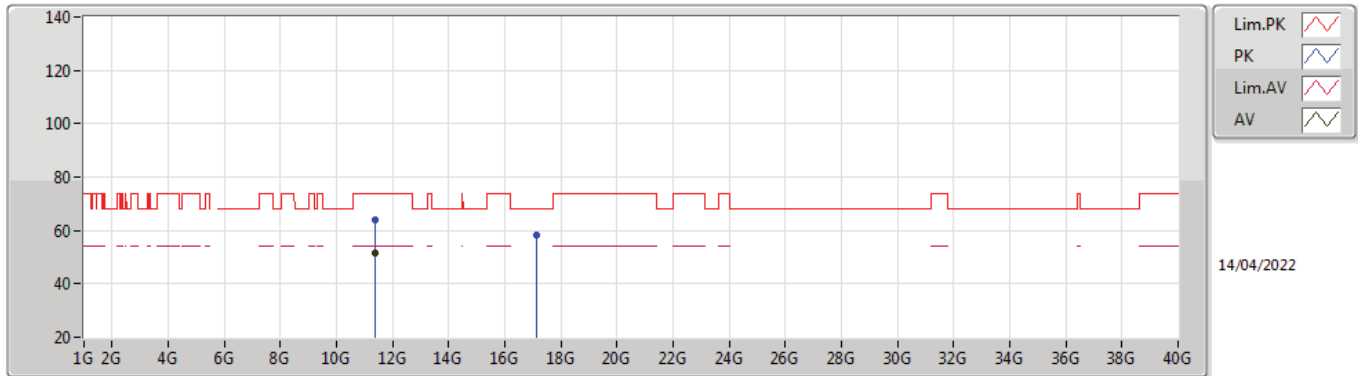
5700MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7056G	105.33	Inf	-Inf	5.60	3	Horizontal	352	1.29	-	99.73	33.42	6.95	34.77
PK	5.7064G	113.98	Inf	-Inf	5.61	3	Horizontal	352	1.29	-	108.37	33.43	6.95	34.77
PK	5.7292G	60.10	68.20	-8.10	5.69	3	Horizontal	352	1.29	-	54.41	33.52	6.94	34.77

802.11a_Nss1,(6Mbps)_4TX

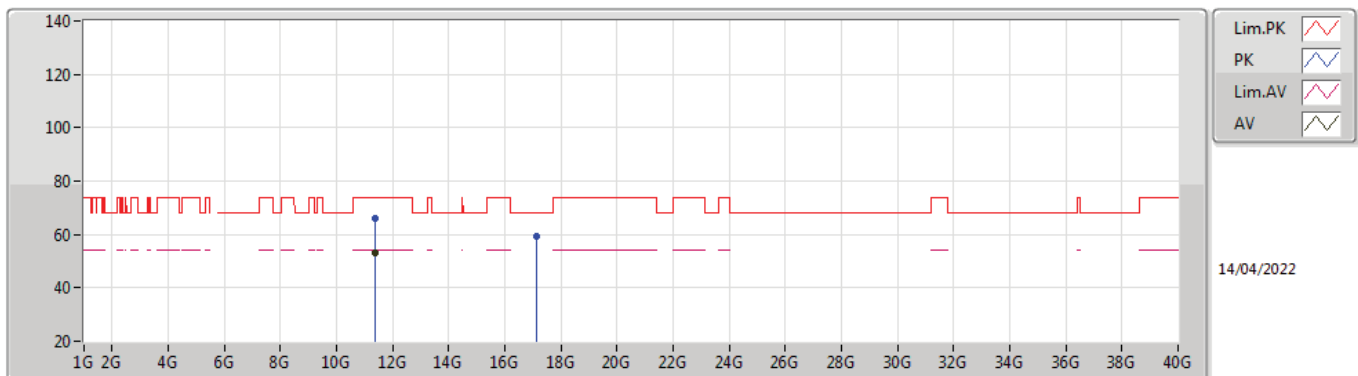
5700MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.39958G	51.79	54.00	-2.21	13.59	3	Vertical	282	2.38	-	38.20	38.90	9.33	34.64
PK	11.39862G	63.83	74.00	-10.17	13.59	3	Vertical	282	2.38	-	50.24	38.90	9.33	34.64
PK	17.11056G	58.45	68.20	-9.75	16.82	3	Vertical	251	1.50	-	41.63	38.03	12.88	34.09

802.11a_Nss1,(6Mbps)_4TX

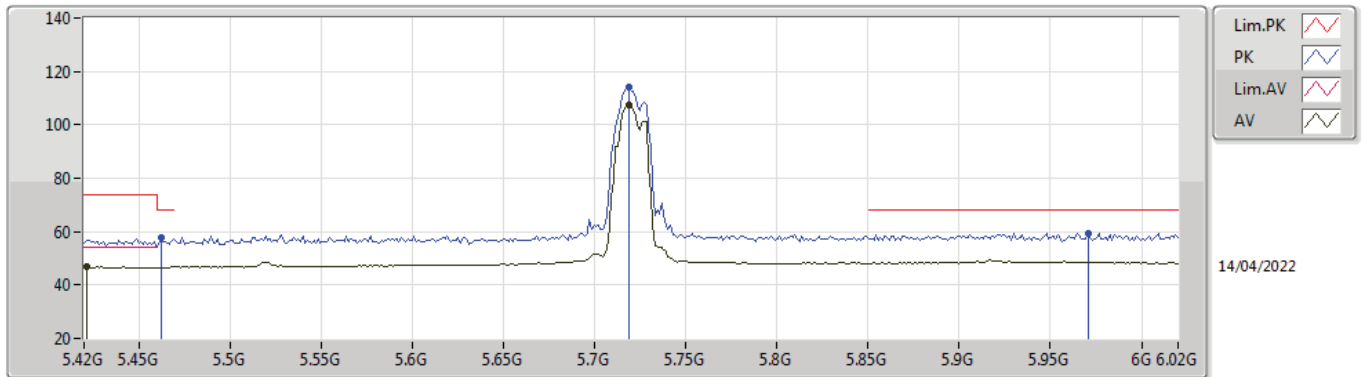
5700MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.39898G	53.36	54.00	-0.64	13.59	3	Horizontal	322	1.27	-	39.77	38.90	9.33	34.64
PK	11.39808G	65.91	74.00	-8.09	13.59	3	Horizontal	322	1.27	-	52.32	38.90	9.33	34.64
PK	17.11266G	59.38	68.20	-8.82	16.83	3	Horizontal	85	1.03	-	42.55	38.04	12.88	34.09

802.11a_Nss1,(6Mbps)_4TX

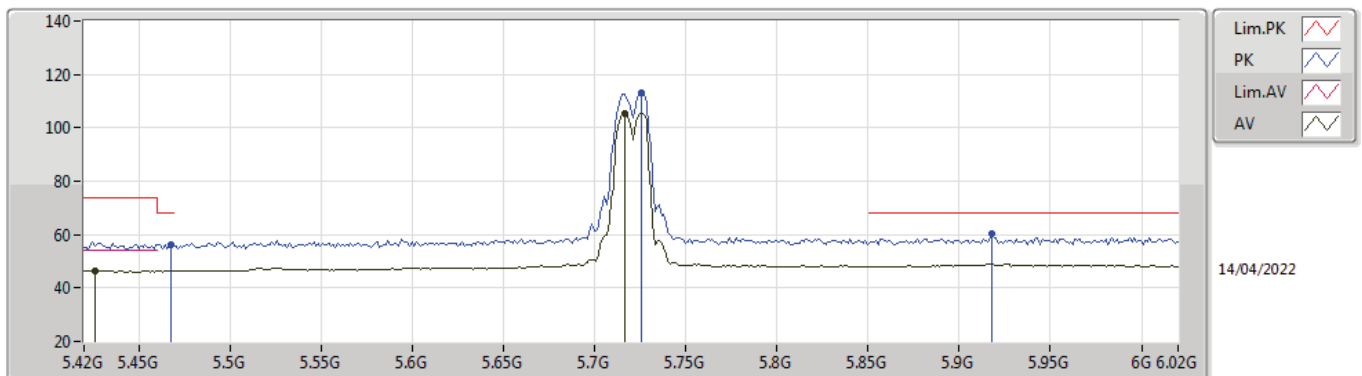
5720MHz Straddle 5.47-5.725GHz_TnomVnom



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	5.4212G	47.10	54.00	-6.90	5.26	3	Vertical	76	1.55	-	41.84	32.92	7.11	34.77
AV	5.7188G	107.24	Inf	-Inf	5.65	3	Vertical	76	1.55	-	101.59	33.48	6.94	34.77
PK	5.462G	57.74	68.20	-10.46	5.13	3	Vertical	76	1.55	-	52.61	32.82	7.08	34.77
PK	5.7188G	114.08	Inf	-Inf	5.65	3	Vertical	76	1.55	-	108.43	33.48	6.94	34.77
PK	5.9708G	59.54	68.20	-8.66	7.15	3	Vertical	76	1.55	-	52.39	34.26	7.66	34.77

802.11a_Nss1,(6Mbps)_4TX

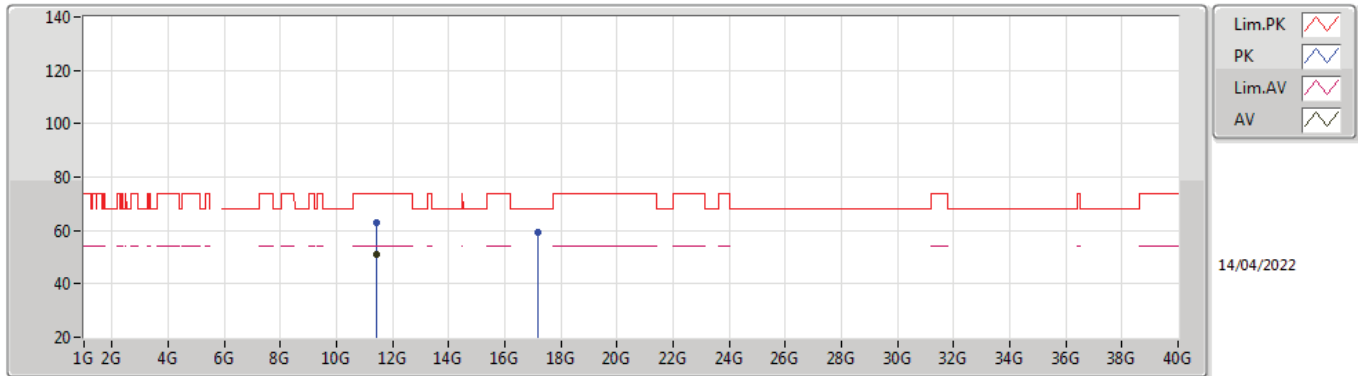
5720MHz Straddle 5.47-5.725GHz_TnomVnom



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	5.426G	46.56	54.00	-7.44	5.23	3	Horizontal	357	1.34	-	41.33	32.90	7.10	34.77
AV	5.7164G	105.40	Inf	-Inf	5.64	3	Horizontal	357	1.34	-	99.76	33.47	6.94	34.77
PK	5.468G	56.26	68.20	-11.94	5.15	3	Horizontal	357	1.34	-	51.11	32.84	7.08	34.77
PK	5.726G	112.97	Inf	-Inf	5.67	3	Horizontal	357	1.34	-	107.30	33.50	6.94	34.77
PK	5.918G	60.45	68.20	-7.75	6.96	3	Horizontal	357	1.34	-	53.49	34.30	7.43	34.77

802.11a_Nss1,(6Mbps)_4TX

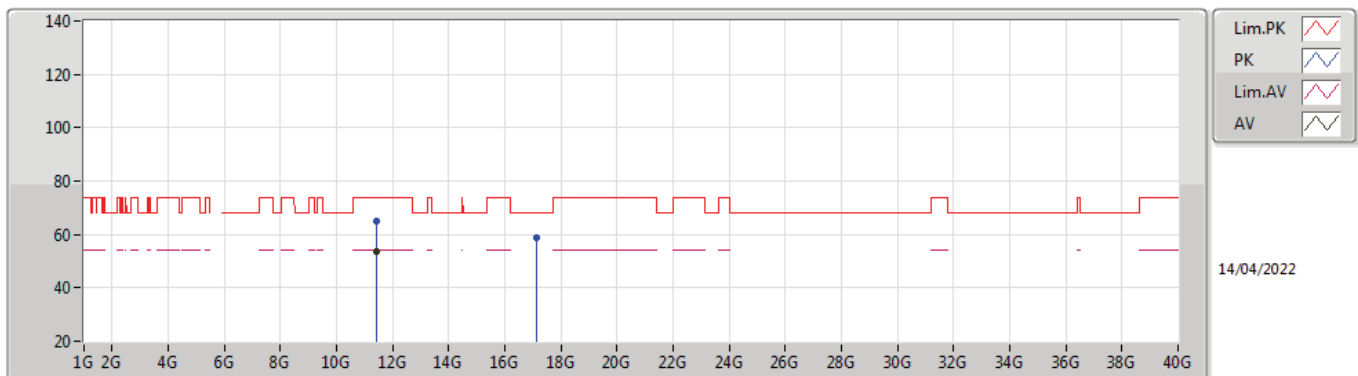
5720MHz Straddle 5.47-5.725GHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.44104G	50.94	54.00	-3.06	13.54	3	Vertical	283	1.83	-	37.40	38.82	9.35	34.63
PK	11.44128G	62.72	74.00	-11.28	13.54	3	Vertical	283	1.83	-	49.18	38.82	9.35	34.63
PK	17.17104G	59.53	68.20	-8.67	16.94	3	Vertical	150	1.44	-	42.59	38.21	12.90	34.17

802.11a_Nss1,(6Mbps)_4TX

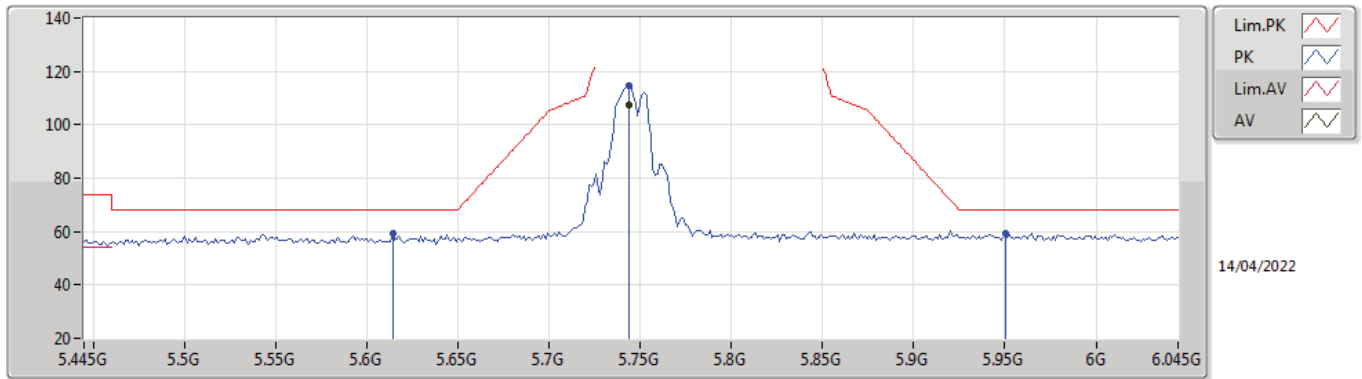
5720MHz Straddle 5.47-5.725GHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.43872G	53.77	54.00	-0.23	13.53	3	Horizontal	324	1.28	-	40.24	38.82	9.34	34.63
PK	11.4376G	64.80	74.00	-9.20	13.53	3	Horizontal	324	1.28	-	51.27	38.82	9.34	34.63
PK	17.15412G	58.61	68.20	-9.59	16.90	3	Horizontal	315	1.06	-	41.71	38.16	12.89	34.15

802.11a_Nss1,(6Mbps)_4TX

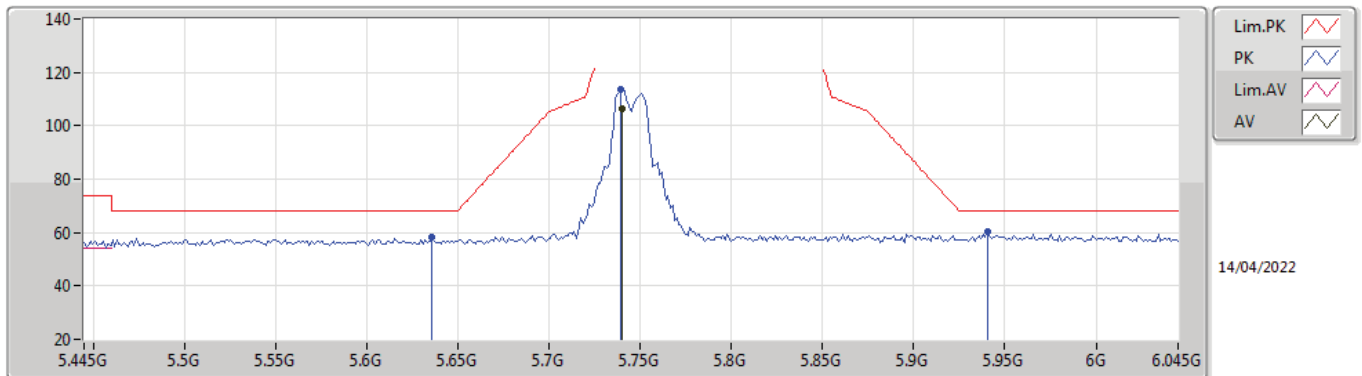
5745MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7438G	107.21	Inf	-Inf	5.74	3	Vertical	74	2.52	-	101.47	33.58	6.93	34.77
PK	5.6142G	59.07	68.20	-9.13	5.21	3	Vertical	74	2.52	-	53.86	33.00	6.98	34.77
PK	5.7438G	114.66	Inf	-Inf	5.74	3	Vertical	74	2.52	-	108.92	33.58	6.93	34.77
PK	5.9502G	59.38	68.20	-8.82	7.10	3	Vertical	74	2.52	-	52.28	34.30	7.57	34.77

802.11a_Nss1,(6Mbps)_4TX

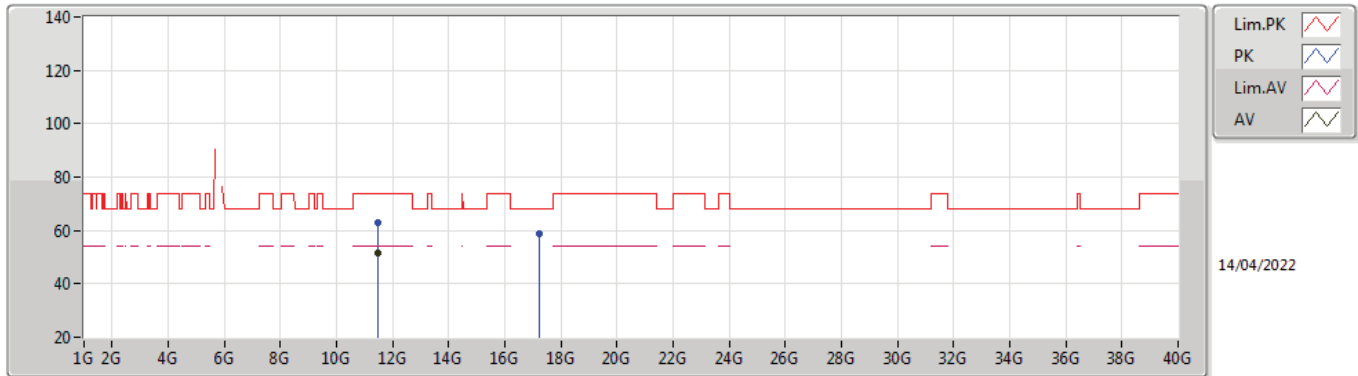
5745MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7402G	106.31	Inf	-Inf	5.72	3	Horizontal	0	2.49	-	100.59	33.56	6.93	34.77
PK	5.6358G	58.06	68.20	-10.14	5.21	3	Horizontal	0	2.49	-	52.85	33.00	6.98	34.77
PK	5.739G	113.59	Inf	-Inf	5.72	3	Horizontal	0	2.49	-	107.87	33.56	6.93	34.77
PK	5.9406G	60.43	68.20	-7.77	7.06	3	Horizontal	0	2.49	-	53.37	34.30	7.53	34.77

802.11a_Nss1,(6Mbps)_4TX

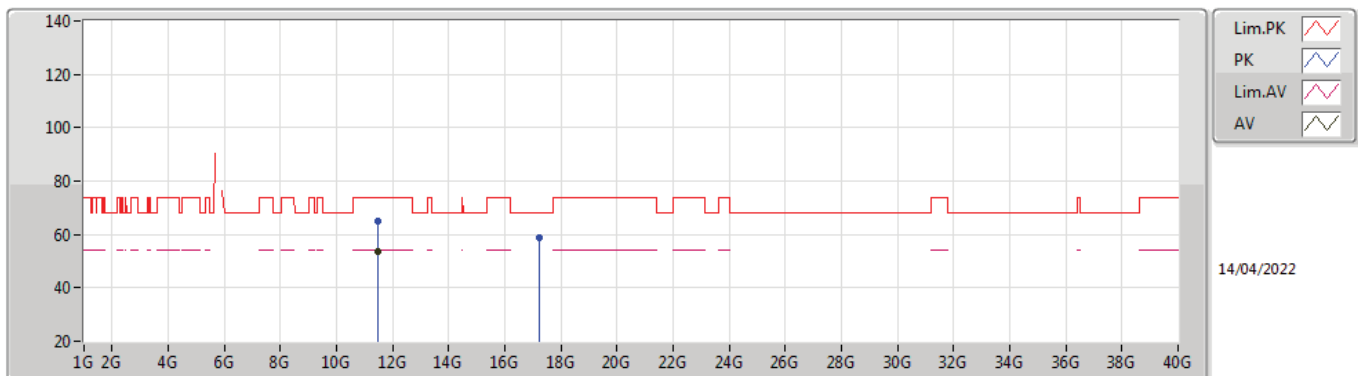
5745MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.49144G	51.31	54.00	-2.69	13.47	3	Vertical	288	2.42	-	37.84	38.72	9.36	34.61
PK	17.23677G	58.94	68.20	-9.26	16.92	3	Vertical	123	1.37	-	42.02	38.26	12.92	34.26
PK	11.49174G	62.80	74.00	-11.20	13.47	3	Vertical	288	2.42	-	49.33	38.72	9.36	34.61

802.11a_Nss1,(6Mbps)_4TX

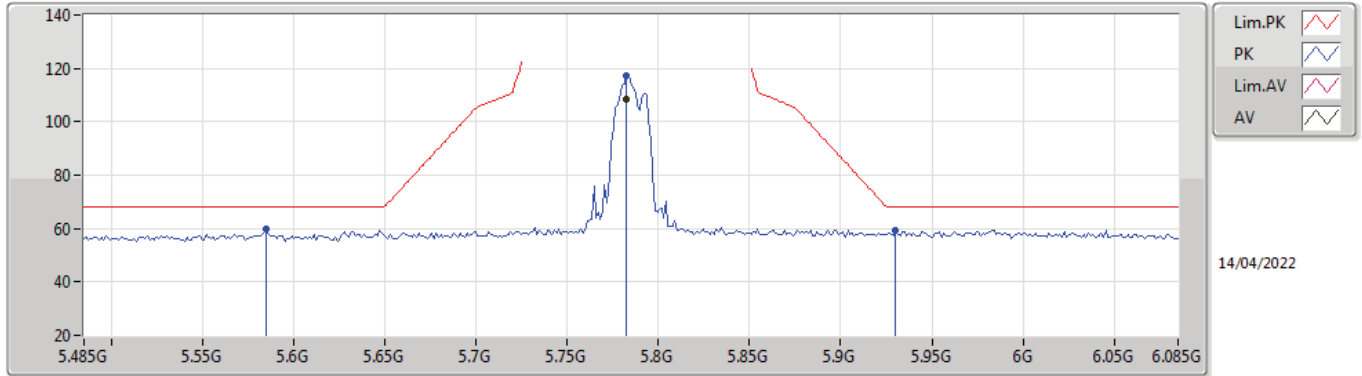
5745MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.4885G	53.55	54.00	-0.45	13.47	3	Horizontal	324	1.27	-	40.08	38.72	9.36	34.61
PK	11.48916G	65.23	74.00	-8.77	13.47	3	Horizontal	324	1.27	-	51.76	38.72	9.36	34.61
PK	17.23629G	58.86	68.20	-9.34	16.92	3	Horizontal	246	1.56	-	41.94	38.26	12.92	34.26

802.11a_Nss1,(6Mbps)_4TX

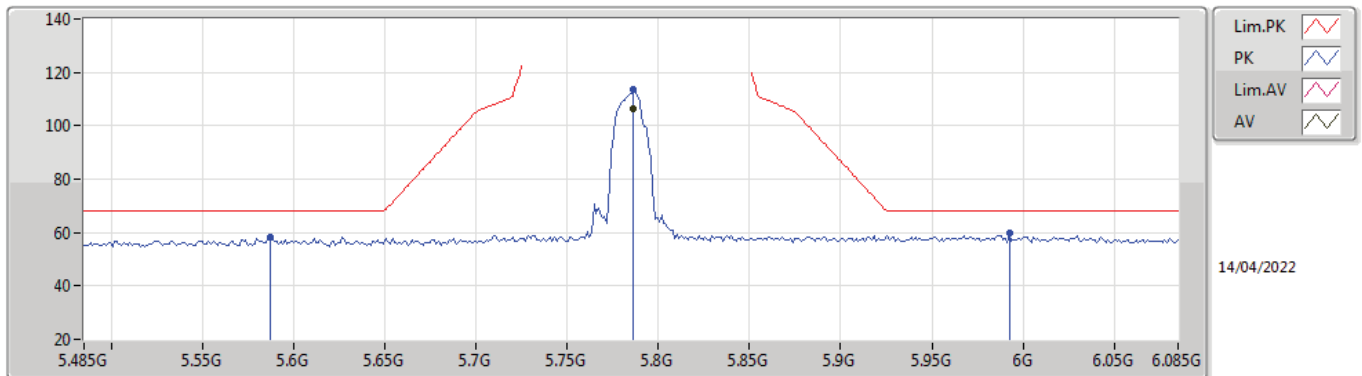
5785MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7826G	108.21	Inf	-Inf	5.95	3	Vertical	72	2.27	-	102.26	33.80	6.92	34.77
PK	5.5846G	59.74	68.20	-8.46	5.23	3	Vertical	72	2.27	-	54.51	33.00	7.00	34.77
PK	5.7826G	117.15	Inf	-Inf	5.95	3	Vertical	72	2.27	-	111.20	33.80	6.92	34.77
PK	5.9302G	59.24	68.20	-8.96	7.01	3	Vertical	72	2.27	-	52.23	34.30	7.48	34.77

802.11a_Nss1,(6Mbps)_4TX

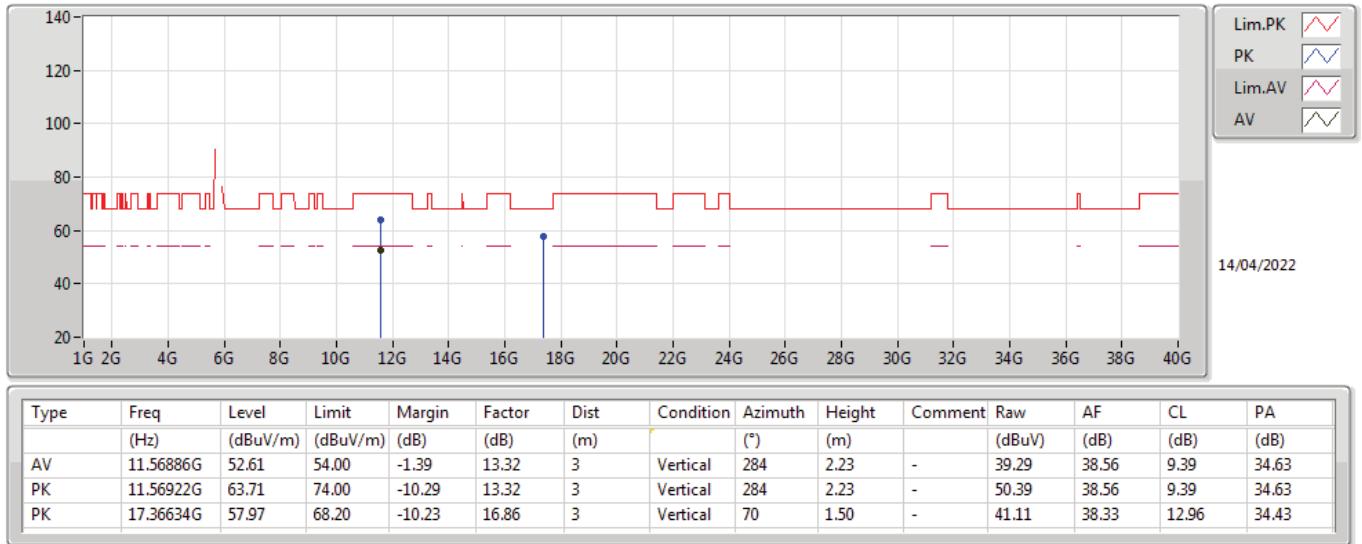
5785MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7862G	106.38	Inf	-Inf	5.97	3	Horizontal	328	1.57	-	100.41	33.82	6.92	34.77
PK	5.587G	58.17	68.20	-10.03	5.23	3	Horizontal	328	1.57	-	52.94	33.00	7.00	34.77
PK	5.7862G	113.64	Inf	-Inf	5.97	3	Horizontal	328	1.57	-	107.67	33.82	6.92	34.77
PK	5.9926G	59.82	68.20	-8.38	7.20	3	Horizontal	328	1.57	-	52.62	34.21	7.76	34.77

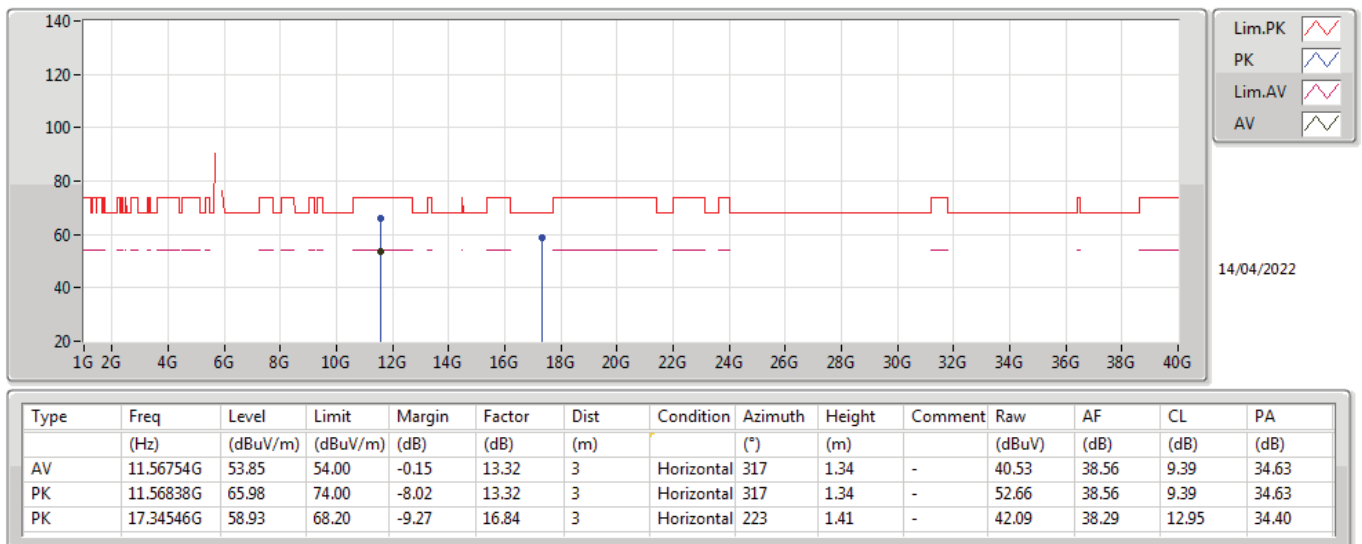
802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom



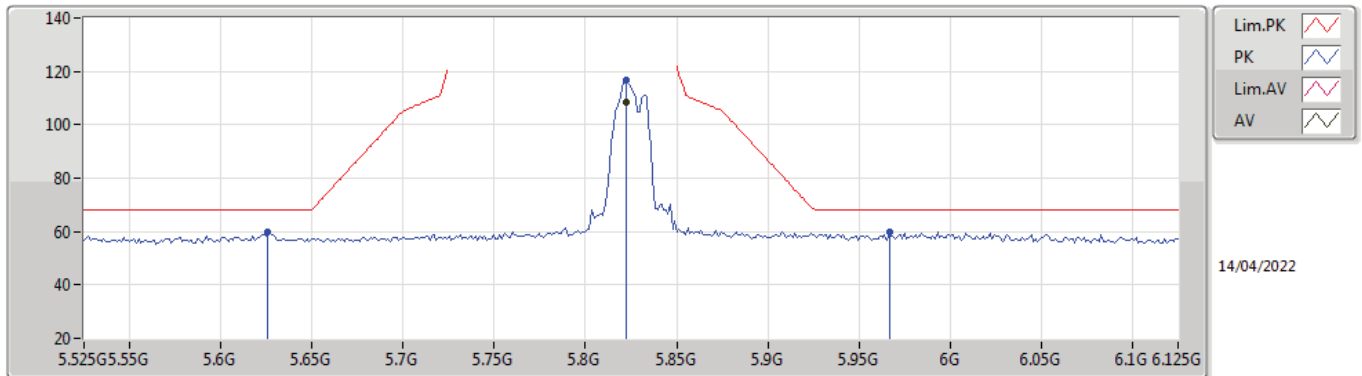
802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom



802.11a_Nss1,(6Mbps)_4TX

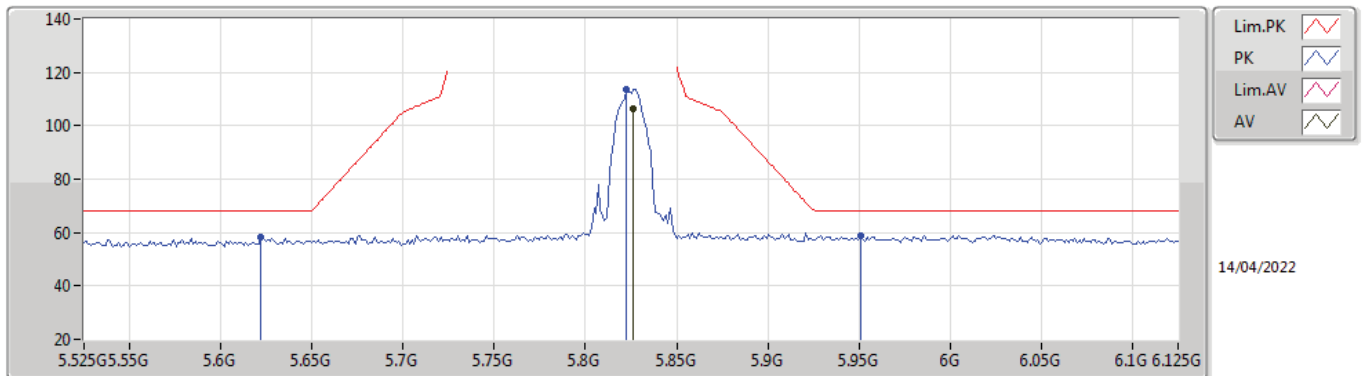
5825MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8226G	108.51	Inf	-Inf	6.23	3	Vertical	72	2.22	-	102.28	33.99	7.01	34.77
PK	5.6258G	59.94	68.20	-8.26	5.21	3	Vertical	72	2.22	-	54.73	33.00	6.98	34.77
PK	5.8226G	116.68	Inf	-Inf	6.23	3	Vertical	72	2.22	-	110.45	33.99	7.01	34.77
PK	5.9666G	59.77	68.20	-8.43	7.14	3	Vertical	72	2.22	-	52.63	34.27	7.64	34.77

802.11a_Nss1,(6Mbps)_4TX

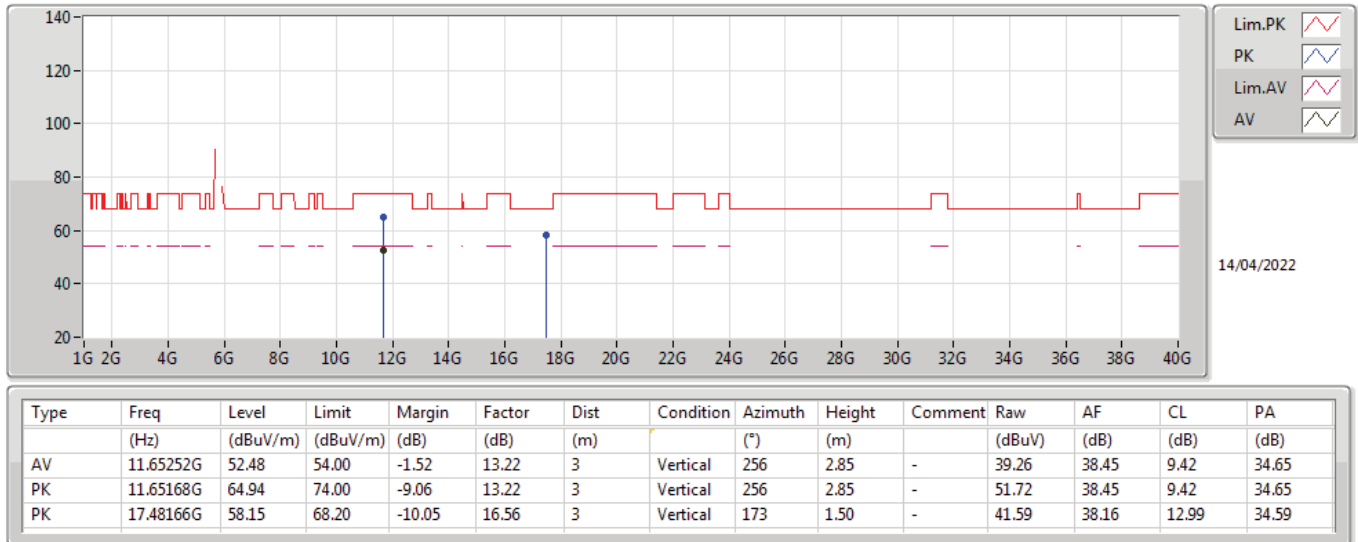
5825MHz_TnomVnom



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8262G	106.60	Inf	-Inf	6.26	3	Horizontal	329	1.50	-	100.34	34.00	7.03	34.77
PK	5.6222G	58.18	68.20	-10.02	5.21	3	Horizontal	329	1.50	-	52.97	33.00	6.98	34.77
PK	5.8226G	113.79	Inf	-Inf	6.23	3	Horizontal	329	1.50	-	107.56	33.99	7.01	34.77
PK	5.951G	59.05	68.20	-9.15	7.10	3	Horizontal	329	1.50	-	51.95	34.30	7.57	34.77

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom



802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

