



FCC Radio Test Report

FCC ID : G95-CGA437A
Equipment : DOCSIS 3.1 Residential Voice Gateway
Brand Name : Technicolor
Model Name : CGA437ATCH5 ; CGA437AXXXX (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 Jun. 18, 2022, and testing was started from Jun. 18, 2022 and completed on Dec. 09, 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 variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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PHOTOGRAPHS OF EUT V01



Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
-	15.207	AC Power-line Conducted Emissions	Not Required	Refer as 1.1.6
3.1	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Conducted Output Power	PASS	-
3.3	15.407(a)	Peak Power Spectral Density	PASS	-
3.4	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: Amber Chiu



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20) , ax(HEW20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5725-5850		5745-5825	149-165 [5]
5150-5250	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



Band	Mode	BWch (MHz)	Nant
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
5.725-5.85GHz	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			
EUT Function	<input type="checkbox"/>	Outdoor AP	<input checked="" type="checkbox"/>	Indoor AP
	<input type="checkbox"/>	Fixed P2P AP	<input type="checkbox"/>	Client
Beamforming Function	<input checked="" type="checkbox"/>	With beamforming	<input type="checkbox"/>	Without beamforming
TPC Function	<input checked="" type="checkbox"/>	With TPC Function	<input type="checkbox"/>	Without TPC Function
Weather Band	<input checked="" type="checkbox"/>	With 5600~5650MHz	<input type="checkbox"/>	Without 5600~5650MHz
Resource Unit(802.11ax)	<input checked="" type="checkbox"/>	Full RU	<input type="checkbox"/>	Partial RU
Type of EUT				
<input checked="" type="checkbox"/>	Stand-alone			
<input type="checkbox"/>	Combined (EUT where the radio part is fully integrated within another device)			
	Combined Equipment - Brand Name / Model No.:	...		
<input type="checkbox"/>	Plug-in radio (EUT intended for a variety of host systems)			
	Host System - Brand Name / Model No.:			
<input type="checkbox"/>	Other:			

1.1.4 Mode Test Duty Cycle

<Non-Beamforming>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_4TX	0.947	0.24	2.064m	1k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.982	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_4TX	0.962	0.17	780.313u	3k
802.11ax HEW80_Nss1,(MCS0)_4TX	0.93	0.32	413.438u	3k
802.11ax HEW160_Nss1,(MCS0)_4TX	0.893	0.49	236.563u	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) ≥ 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.95	0.22	2.925m	1k
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.93	0.32	4.357m	300
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.949	0.23	4.848m	300
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	0.938	0.28	5.188m	300

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)	

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR232914-01AN

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

Modifications	Performance Checking
(1) 5G FEM chip: Brand:Richwave/Model:RTC7676D→ Brand:Skyworks/Model:SKY85755-11 (2) LAN: 3x1Gb+1x2.5Gb(Brand:TNK/Model:QT24A15 5→4x1Gb(Brand:TNK/Model:QT48A17) (3) adding Reset IC	1. Emission Bandwidth, Maximum Conducted Output Power, Peak Power Spectral Density and Radiated Emission above1GHz was evaluated. 2. AC Conduction and Radiated Emission below 1GHz was evaluated, and the test result of original report was found to be the worst case scenario. 3. Photographs of EUT.



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				
<input checked="" type="checkbox"/>	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
RF Conducted	TH07-HY	Alan Chien	22.1~23.6°C / 52~55%	28/Jun/2022~06/Dec/2022
Radiated (Co-location)	03CH02-HY	Ivan Chung	21.2~21.5°C / 54~61%	09/Dec/2022
<input checked="" type="checkbox"/>	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 (Above 1GHz)	03CH09-HY	Ryan Hsiao	24.2~24.3°C / 50~60%	18/Jun/2022~27/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
Emission Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Receiver Radiated Unwanted Emissions	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	MTool_3_2_1_3
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<Non-Beamforming>

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	85
5200MHz	87
5240MHz	87
5260MHz	70
5300MHz	71
5320MHz	71
5500MHz	71
5580MHz	70
5700MHz	51
5720MHz Straddle 5.47-5.725GHz	50
5720MHz Straddle 5.725-5.85GHz	50
5745MHz	50
5785MHz	48
5825MHz	47
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	80
5200MHz	87
5240MHz	86
5260MHz	72
5300MHz	72
5320MHz	71
5500MHz	71
5580MHz	64
5700MHz	54
5720MHz Straddle 5.47-5.725GHz	53
5720MHz Straddle 5.725-5.85GHz	53
5745MHz	52
5785MHz	52



Mode	Power Setting
5825MHz	51
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	71
5230MHz	85
5270MHz	70
5310MHz	70
5510MHz	70
5550MHz	68
5670MHz	59
5710MHz Straddle 5.47-5.725GHz	55
5710MHz Straddle 5.725-5.85GHz	55
5755MHz	54
5795MHz	51
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	68
5290MHz	71
5530MHz	70
5610MHz	69
5690MHz Straddle 5.47-5.725GHz	64
5690MHz Straddle 5.725-5.85GHz	64
5775MHz	59
802.11ax HEW160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	62
5250MHz Straddle 5.25-5.35GHz	62
5570MHz	61



<Beamforming>

Test Software Version	DOSV6.1
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Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	79
5200MHz	85
5240MHz	84
5260MHz	66
5300MHz	67
5320MHz	67
5500MHz	67
5580MHz	68
5700MHz	57
5720MHz Straddle 5.47-5.725GHz	57
5720MHz Straddle 5.725-5.85GHz	57
5745MHz	52
5785MHz	53
5825MHz	51
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	69
5230MHz	84
5270MHz	69
5310MHz	70
5510MHz	68
5550MHz	71
5670MHz	66
5710MHz Straddle 5.47-5.725GHz	60
5710MHz Straddle 5.725-5.85GHz	60
5755MHz	59
5795MHz	62
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	76
5290MHz	71
5530MHz	70
5610MHz	69
5690MHz Straddle 5.47-5.725GHz	70



Mode	Power Setting
5690MHz Straddle 5.725-5.85GHz	70
5775MHz	69
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	66
5250MHz Straddle 5.25-5.35GHz	66
5570MHz	59

2.2 The Worst Case Measurement Configuration

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	Y Plane
	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA232914-04 for Co-location RF Exposure Evaluation and Appendix E for Radiated Emission Co-location.	



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		

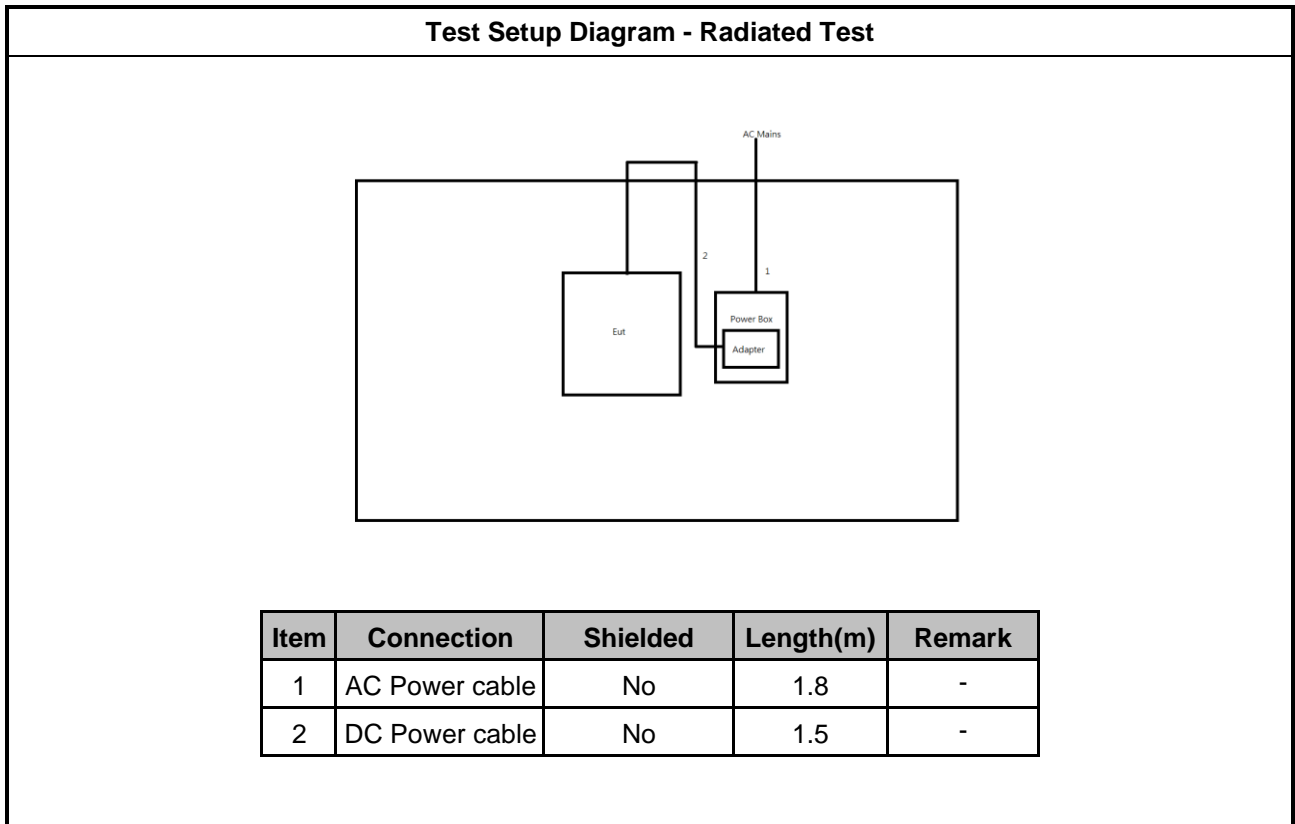
Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Client	ACER	AX88U	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	HP	5220M	-	-
2	Client	ACER	AX88U	-	-
3	RJ45 cable	Power sync	CAT-6E-10	-	-

2.5 Test Setup Diagram



3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
<input checked="" type="checkbox"/>	For the 5.15-5.25 GHz band, N/A
<input checked="" type="checkbox"/>	For the 5.25-5.35 GHz band, N/A
<input checked="" type="checkbox"/>	For the 5.47-5.725 GHz band, N/A
<input checked="" type="checkbox"/>	For the 5.725-5.85 GHz band, 6 dB emission bandwidth \geq 500kHz.

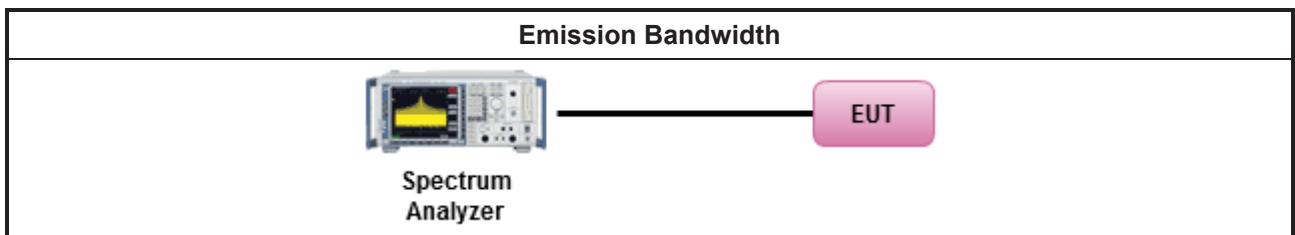
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below: 	
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
<input type="checkbox"/>	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A



3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> ▪ 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 $\leq 125mW$ [21dBm]
	<ul style="list-style-type: none"> ▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$
	<ul style="list-style-type: none"> ▪ 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 $P_{Out} = 30 - (G_{TX} - 23)$.
	<ul style="list-style-type: none"> ▪ 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 $P_{Out} = 24 - (G_{TX} - 6)$.
<input checked="" type="checkbox"/> 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 $P_{Out} = 24 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> 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 $P_{Out} = 24 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ 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 $P_{Out} = 30 - (G_{TX} - 6)$.
	<ul style="list-style-type: none"> ▪ 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.	

3.2.2 Measuring Instruments

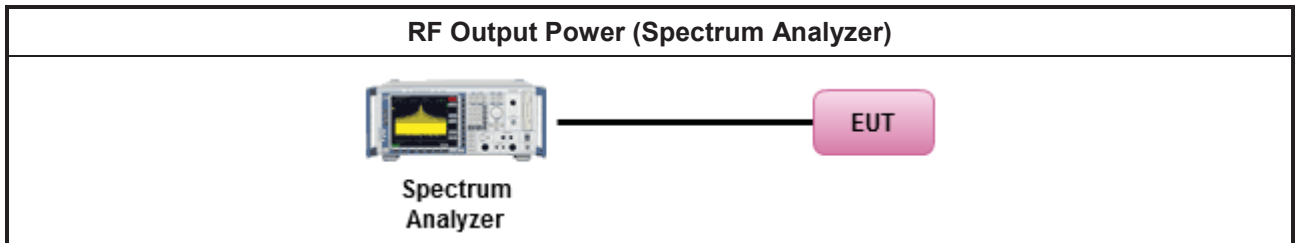
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

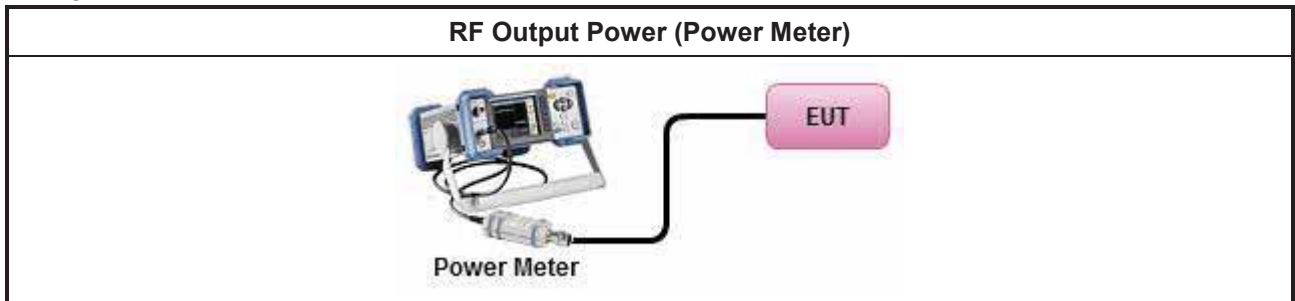
Test Method	
<ul style="list-style-type: none"> Maximum Conducted Output Power 	
	Duty cycle $\geq 98\%$
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off periods with duty factor	
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause E Method PM (using an RF average power meter).
<ul style="list-style-type: none"> For conducted measurement. 	
	<ul style="list-style-type: none"> 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.
	<ul style="list-style-type: none"> If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.2.4 Test Setup

For Straddle channel



For Other channel



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B



3.3 Peak Power Spectral Density

3.3.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> ▪ 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 $PPSD = 11 - (G_{TX} - 6)$.
<input checked="" type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ 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.
<p>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</p> <p>G_{TX} = the maximum transmitting antenna directional gain in dBi.</p>	

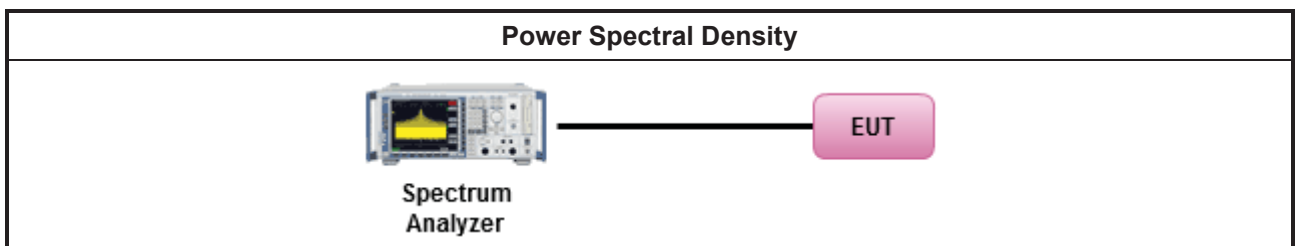
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> 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: 	
<input type="checkbox"/>	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%	
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
Duty cycle < 98%	
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
<ul style="list-style-type: none"> For conducted measurement. 	
<ul style="list-style-type: none"> If the EUT supports multiple transmit chains using options given below: <ul style="list-style-type: none"> 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]) $EIRP_{total} = PPSD_{total} + DG$ 	

3.3.4 Test Setup



3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 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).



3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

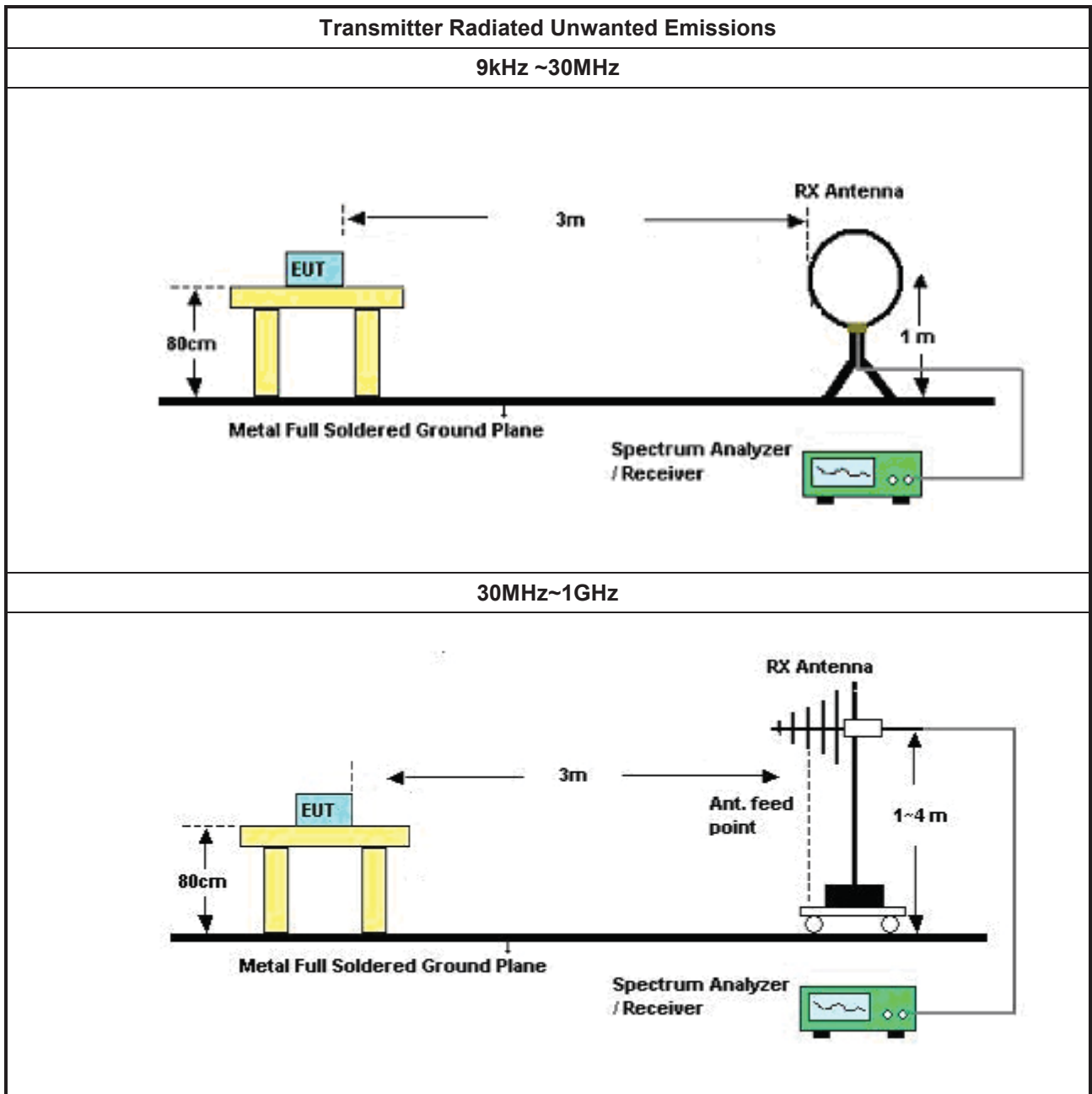
Test Method	
<ul style="list-style-type: none"> Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance 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). 	
<ul style="list-style-type: none"> The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor]. 	
<ul style="list-style-type: none"> For the transmitter unwanted emissions shall be measured using following options below: <ul style="list-style-type: none"> 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. <input checked="" type="checkbox"/> Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW. <input checked="" type="checkbox"/> Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit. 	
<ul style="list-style-type: none"> For radiated measurement. <ul style="list-style-type: none"> 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. 	
<ul style="list-style-type: none"> 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. 	
<ul style="list-style-type: none"> Use the following spectrum analyzer settings: <ul style="list-style-type: none"> Set RBW=100 kHz for f < 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold. Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4. 	
<ul style="list-style-type: none"> KDB 414788 Open-Field Test Sites and Chamber Correlation Justification. <ul style="list-style-type: none"> 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. 	

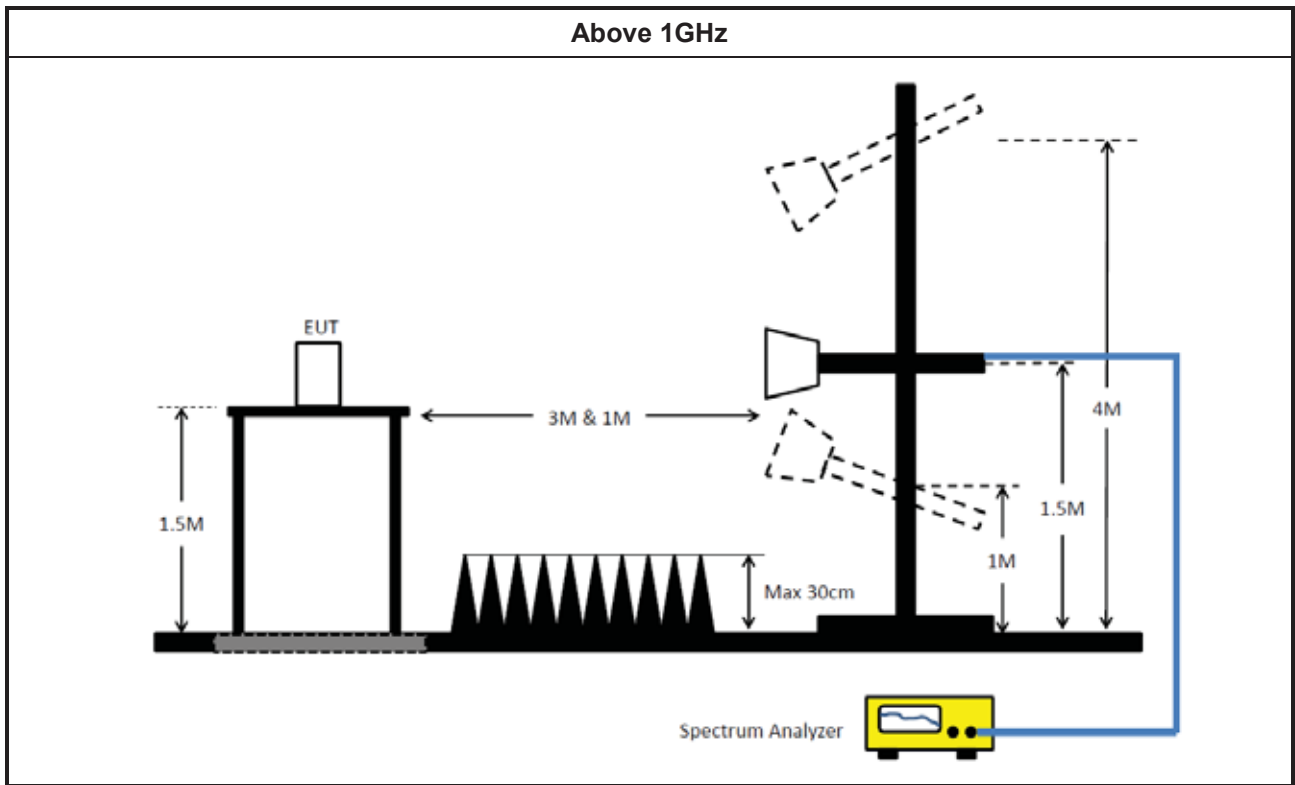
3.4.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

3.4.5 Test Setup





3.4.6 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.

3.4.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D



4 Test Equipment and Calibration Data

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
SMB100A Signal Generator	R&S	SMB100A	177785	100kHz~40GHz	20/Sep/2022	19/Sep/2023
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	17/Dec/2021	16/Dec/2022
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	20/Dec/2021	19/Dec/2022
SENSE-15407_NII	Sporton	V5.10.8.3	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	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
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	23/Jul/2021	22/Jul/2022
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	CB009	1GHz~40GHz	13/Aug/2021	12/Aug/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
SENSE-15407_NII	Sporton	V5.10.8.7.3	N/A	N/A	N/A	N/A



Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	30/Jul/2022	29/Jul/2023
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	02/Nov/2022	01/Nov/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz ~18GHz	27/Sep/2022	26/Sep/2023
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	01/Apr/2022	31/Mar/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	08/Mar/2022	07/Mar/2023
Signal Analyzer	R&S	FSP 40	100305	9kHz~40GHz	21/Mar/2022	20/Mar/2023
SENSE-EMI	Sporton	v5.10.8.5	NA	NA	NA	NA



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	23.64M	17.181M	17M2D1D	21.54M	16.972M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.99M	19.19M	19M2D1D	21.54M	19.1M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.56M	38.021M	38MOD1D	40.32M	37.901M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.96M	77.721M	77M8D1D	81.6M	77.601M
802.11ax HEW160_Nss1,(MCS0)_4TX	82.96M	78.441M	78M5D1D	82.24M	78.281M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.69M	17.241M	17M3D1D	21.39M	16.912M
802.11ax HEW20_Nss1,(MCS0)_4TX	22.05M	19.1M	19M1D1D	21.51M	17.931M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.86M	38.021M	38MOD1D	40.44M	37.781M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.2M	77.841M	77M9D1D	81.6M	77.601M
802.11ax HEW160_Nss1,(MCS0)_4TX	83.44M	78.441M	78M5D1D	82.4M	78.361M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.75M	17.301M	17M4D1D	15.66M	13.523M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.81M	19.16M	19M2D1D	15.705M	14.513M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.62M	37.961M	38MOD1D	35.14M	33.828M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.32M	77.721M	77M8D1D	75.975M	73.388M
802.11ax HEW160_Nss1,(MCS0)_4TX	165.36M	156.882M	157MD1D	164.88M	156.162M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.56M	17.301M	17M4D1D	3.16M	4.198M
802.11ax HEW20_Nss1,(MCS0)_4TX	19.02M	19.16M	19M2D1D	4.46M	4.678M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.8M	38.021M	38MOD1D	3.86M	4.118M
802.11ax HEW80_Nss1,(MCS0)_4TX	77.4M	77.721M	77M8D1D	3.84M	4.138M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.54M	17.181M	23.04M	17.181M	21.66M	17.031M	21.54M	17.001M
5200MHz	Pass	Inf	22.08M	17.001M	23.04M	17.181M	22.38M	17.061M	22.71M	17.181M
5240MHz	Pass	Inf	22.02M	16.972M	23.64M	17.181M	22.26M	17.061M	21.63M	17.151M
5260MHz	Pass	Inf	21.51M	17.181M	21.6M	17.091M	21.54M	16.972M	21.57M	16.912M
5300MHz	Pass	Inf	21.54M	17.151M	21.48M	17.121M	21.42M	16.972M	21.42M	16.942M
5320MHz	Pass	Inf	21.69M	17.241M	21.51M	17.121M	21.39M	16.972M	21.45M	16.972M
5500MHz	Pass	Inf	21.75M	17.211M	21.66M	17.091M	21.54M	16.942M	21.54M	16.942M
5580MHz	Pass	Inf	21.6M	17.271M	21.6M	17.091M	21.6M	16.942M	21.48M	16.912M
5700MHz	Pass	Inf	21.63M	17.301M	21.63M	17.061M	21.6M	17.001M	21.48M	16.942M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.69M	13.778M	15.795M	13.598M	15.675M	13.523M	15.66M	13.568M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.18M	4.238M	3.16M	4.198M	3.16M	4.198M	3.16M	4.218M
5745MHz	Pass	500k	16.32M	17.301M	16.35M	17.061M	16.56M	16.972M	16.35M	16.972M
5785MHz	Pass	500k	16.32M	17.211M	16.35M	17.061M	16.53M	17.001M	16.35M	16.972M
5825MHz	Pass	500k	16.35M	17.241M	16.35M	17.091M	16.35M	17.001M	16.32M	16.972M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.78M	19.13M	21.57M	19.1M	21.66M	19.13M	21.75M	19.13M
5200MHz	Pass	Inf	21.63M	19.16M	21.81M	19.1M	21.6M	19.13M	21.99M	19.19M
5240MHz	Pass	Inf	21.54M	19.13M	21.66M	19.1M	21.78M	19.19M	21.87M	19.19M
5260MHz	Pass	Inf	21.69M	19.1M	21.57M	19.1M	21.63M	19.1M	21.63M	19.1M
5300MHz	Pass	Inf	21.78M	19.1M	21.6M	19.1M	21.87M	19.1M	21.6M	19.07M
5320MHz	Pass	Inf	22.05M	18.171M	21.51M	17.931M	21.84M	17.961M	21.66M	17.961M
5500MHz	Pass	Inf	21.81M	19.16M	21.6M	19.13M	21.63M	19.16M	21.57M	19.07M
5580MHz	Pass	Inf	21.66M	19.1M	21.78M	19.1M	21.66M	19.13M	21.66M	19.1M
5700MHz	Pass	Inf	21.54M	19.13M	21.72M	19.13M	21.66M	19.13M	21.66M	19.16M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.75M	14.513M	15.72M	14.558M	15.75M	14.573M	15.705M	14.558M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.56M	4.718M	4.46M	4.678M	4.5M	4.718M	4.54M	4.678M
5745MHz	Pass	500k	18.84M	19.13M	18.93M	19.07M	18.96M	19.13M	18.96M	19.13M
5785MHz	Pass	500k	18.9M	19.13M	18.9M	19.1M	19.02M	19.13M	18.96M	19.16M
5825MHz	Pass	500k	18.78M	19.1M	18.9M	19.13M	18.96M	19.16M	18.9M	19.07M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.56M	37.961M	40.44M	37.961M	40.56M	37.901M	40.44M	37.901M
5230MHz	Pass	Inf	40.44M	37.961M	40.32M	38.021M	40.56M	38.021M	40.5M	37.961M
5270MHz	Pass	Inf	40.74M	38.021M	40.5M	37.901M	40.44M	37.961M	40.5M	37.901M
5310MHz	Pass	Inf	40.74M	37.781M	40.44M	37.961M	40.5M	37.961M	40.86M	37.961M
5510MHz	Pass	Inf	40.38M	37.901M	40.44M	37.901M	40.62M	37.901M	40.5M	37.901M
5550MHz	Pass	Inf	40.62M	37.901M	40.56M	37.901M	40.44M	37.901M	40.38M	37.961M
5670MHz	Pass	Inf	40.56M	37.961M	40.56M	37.961M	40.44M	37.961M	40.56M	37.901M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.14M	33.898M	35.175M	33.898M	35.315M	33.863M	35.455M	33.828M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	4.118M	3.92M	4.138M	3.92M	4.138M	3.86M	4.138M
5755MHz	Pass	500k	37.74M	37.961M	37.74M	37.901M	37.74M	37.961M	37.62M	37.901M
5795MHz	Pass	500k	37.8M	37.901M	37.62M	37.961M	37.8M	38.021M	37.62M	37.961M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.6M	77.721M	81.72M	77.601M	81.96M	77.601M	81.96M	77.721M
5290MHz	Pass	Inf	82.2M	77.601M	81.72M	77.841M	81.6M	77.721M	81.72M	77.721M
5530MHz	Pass	Inf	82.2M	77.481M	81.96M	77.601M	81.72M	77.601M	82.08M	77.601M
5610MHz	Pass	Inf	81.96M	77.361M	82.08M	77.601M	82.32M	77.721M	81.84M	77.601M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.2M	73.463M	75.975M	73.463M	75.975M	73.388M	75.975M	73.463M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4M	4.138M	3.84M	4.158M	3.92M	4.158M	3.84M	4.198M
5775MHz	Pass	500k	76.44M	77.481M	77.4M	77.721M	77.4M	77.601M	77.4M	77.721M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.24M	78.281M	82.4M	78.281M	82.96M	78.441M	82.72M	78.441M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.44M	78.361M	83.04M	78.441M	82.4M	78.361M	83.36M	78.441M
5570MHz	Pass	Inf	165.36M	156.882M	165.12M	156.162M	164.88M	156.642M	165.12M	156.882M

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

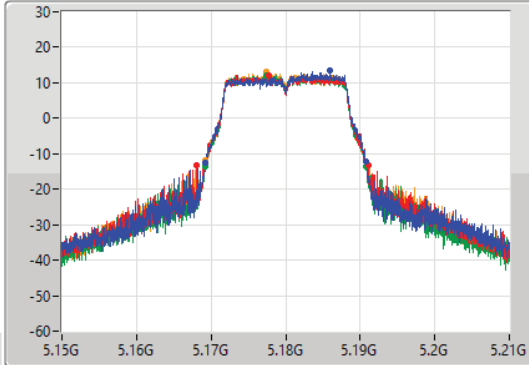
802.11a_Nss1,(6Mbps)_4TX

EBW

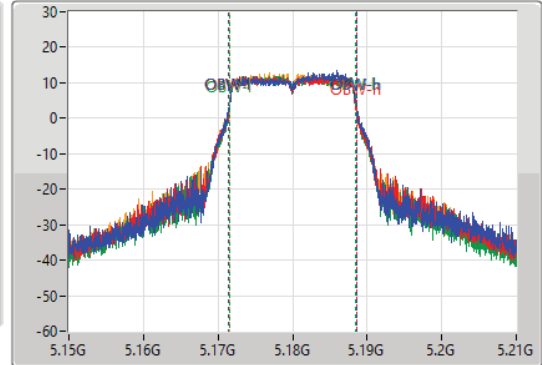
5180MHz

28/06/2022

CF
5.18GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.18GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.16929G	5.19083G	17.181M	5.171454G	5.188636G	Inf	1
23.04M	5.168G	5.19104G	17.181M	5.171424G	5.188606G	Inf	2
21.66M	5.1692G	5.19086G	17.031M	5.171484G	5.188516G	Inf	3
21.54M	5.1692G	5.19074G	17.001M	5.171484G	5.188486G	Inf	4

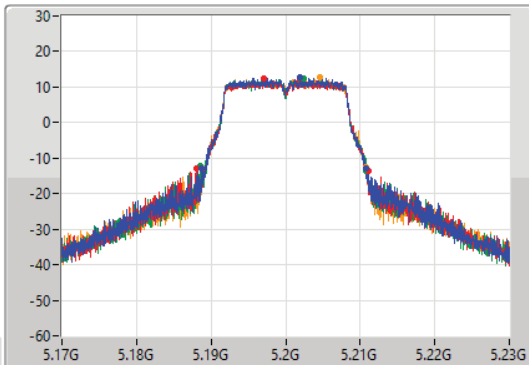
802.11a_Nss1,(6Mbps)_4TX

EBW

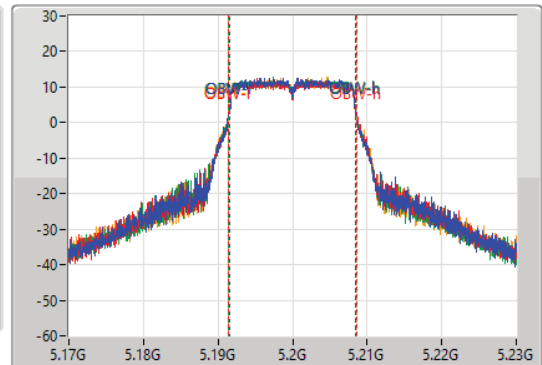
5200MHz

06/12/2022

CF
5.2GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.2GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

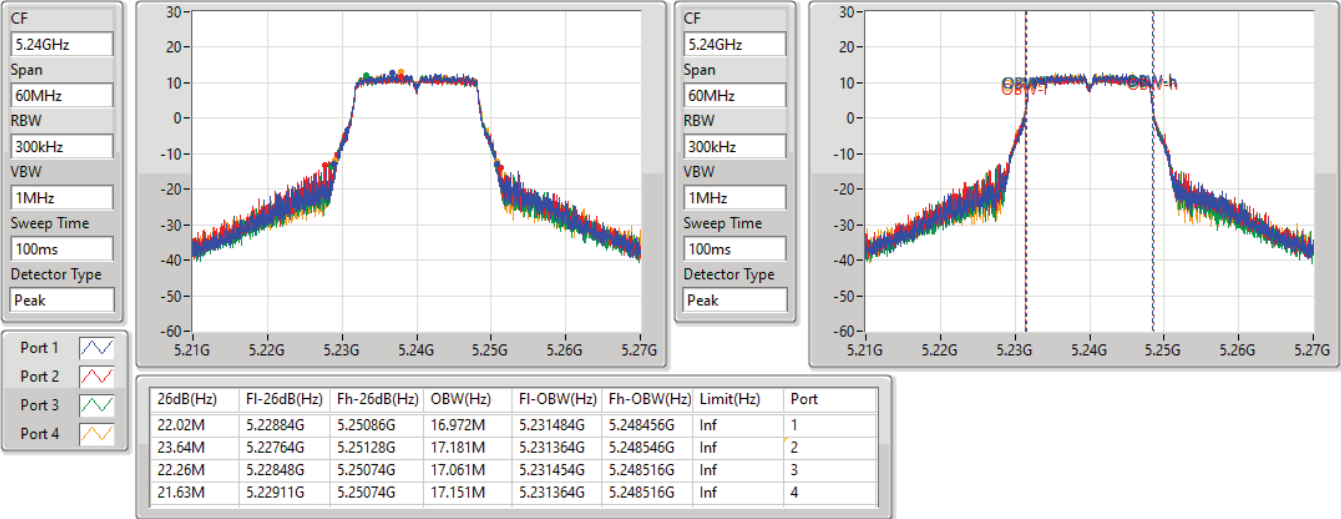
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.08M	5.18866G	5.21074G	17.001M	5.191484G	5.208486G	Inf	1
23.04M	5.18806G	5.2111G	17.181M	5.191394G	5.208576G	Inf	2
22.38M	5.18848G	5.21086G	17.061M	5.191454G	5.208516G	Inf	3
22.71M	5.18803G	5.21074G	17.181M	5.191364G	5.208546G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

06/12/2022

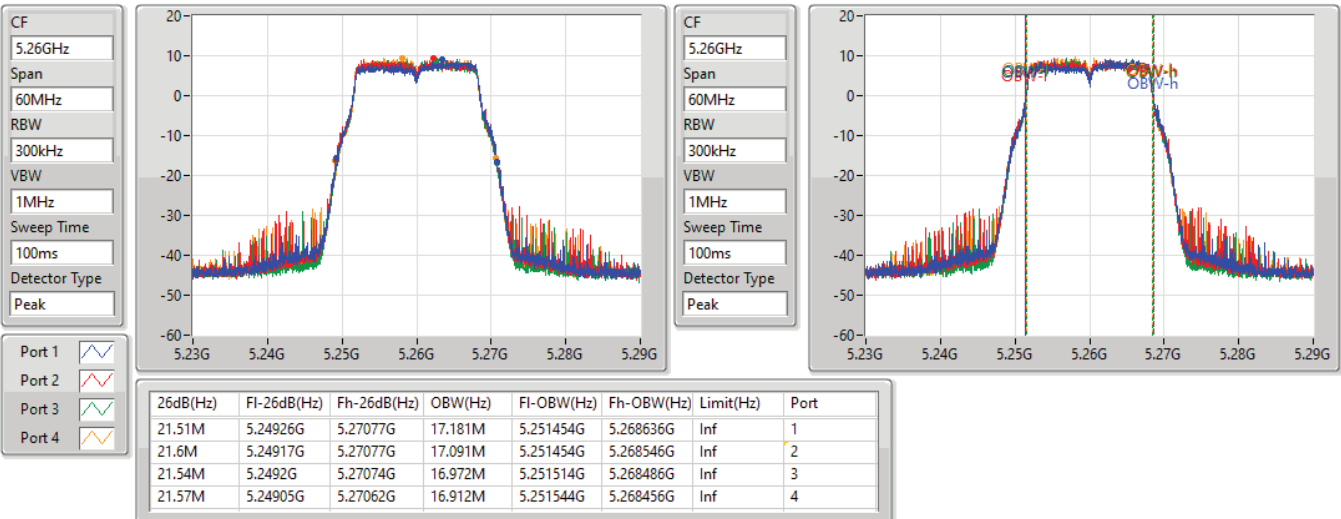


802.11a_Nss1,(6Mbps)_4TX

EBW

5260MHz

28/06/2022



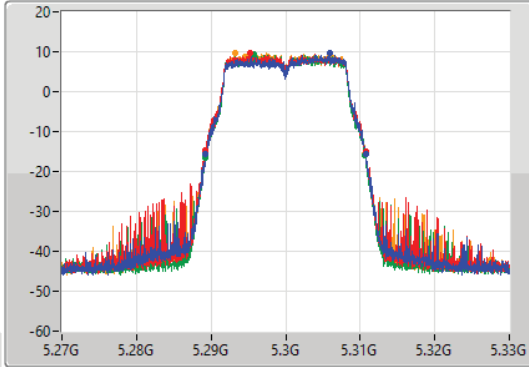
802.11a_Nss1,(6Mbps)_4TX

EBW

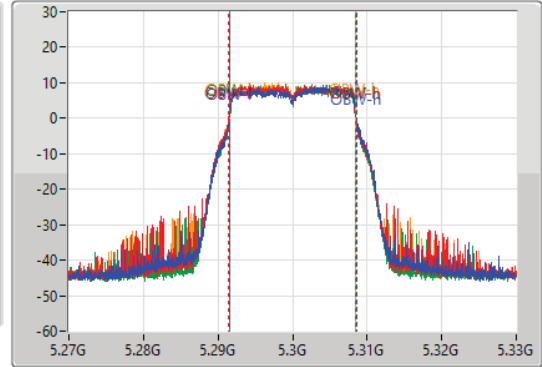
5300MHz

28/06/2022

CF
5.3GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.3GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.2892G	5.31074G	17.151M	5.291484G	5.308636G	Inf	1
21.48M	5.28923G	5.31071G	17.121M	5.291424G	5.308546G	Inf	2
21.42M	5.28926G	5.31068G	16.972M	5.291514G	5.308486G	Inf	3
21.42M	5.28926G	5.31068G	16.942M	5.291514G	5.308456G	Inf	4

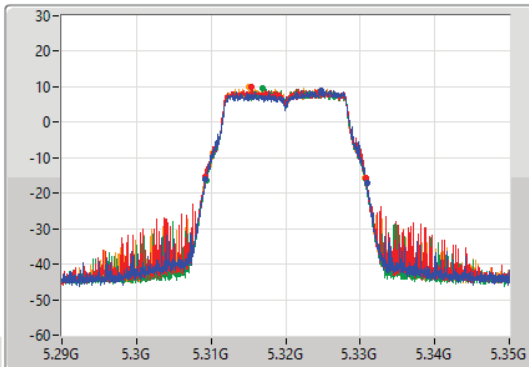
802.11a_Nss1,(6Mbps)_4TX

EBW

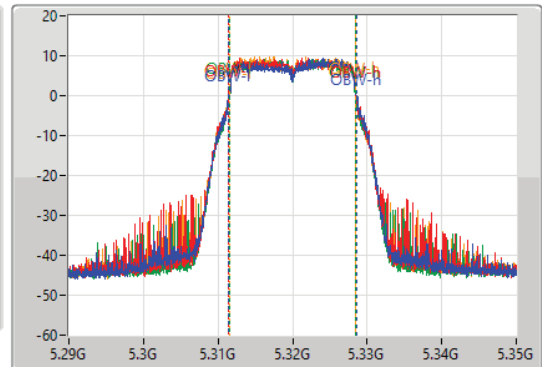
5320MHz

28/06/2022

CF
5.32GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.32GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.3092G	5.33089G	17.241M	5.311424G	5.328666G	Inf	1
21.51M	5.3092G	5.33071G	17.121M	5.311424G	5.328546G	Inf	2
21.39M	5.30932G	5.33071G	16.972M	5.311514G	5.328486G	Inf	3
21.45M	5.30923G	5.33068G	16.972M	5.311484G	5.328456G	Inf	4

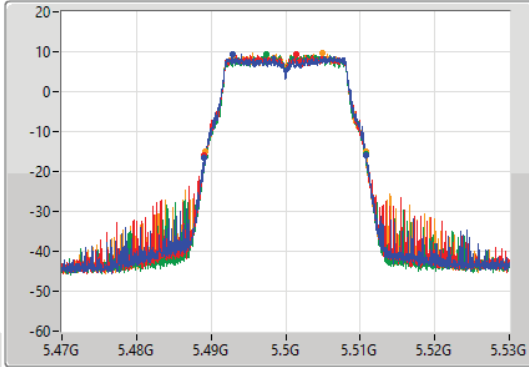
802.11a_Nss1,(6Mbps)_4TX

EBW

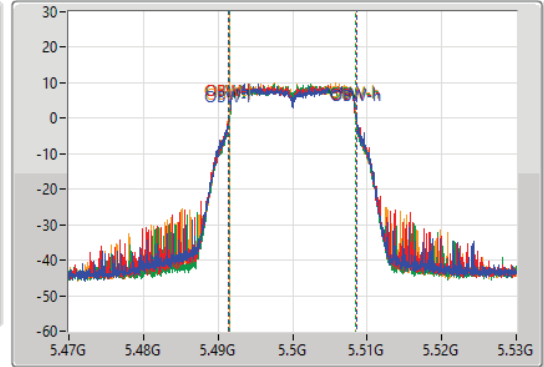
5500MHz

28/06/2022

CF
5.5GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.5GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.48899G	5.51074G	17.211M	5.491394G	5.508606G	Inf	1
21.66M	5.48911G	5.51077G	17.091M	5.491454G	5.508546G	Inf	2
21.54M	5.4892G	5.51074G	16.942M	5.491544G	5.508486G	Inf	3
21.54M	5.48917G	5.51071G	16.942M	5.491484G	5.508426G	Inf	4

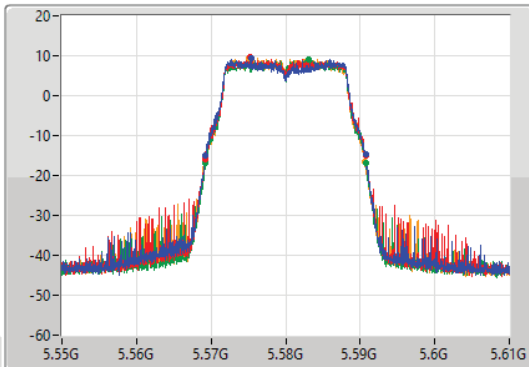
802.11a_Nss1,(6Mbps)_4TX

EBW

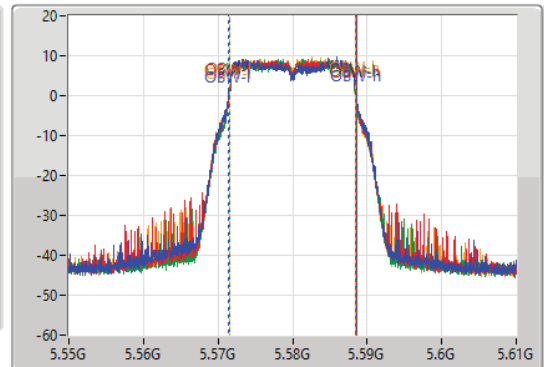
5580MHz

28/06/2022

CF
5.58GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.58GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

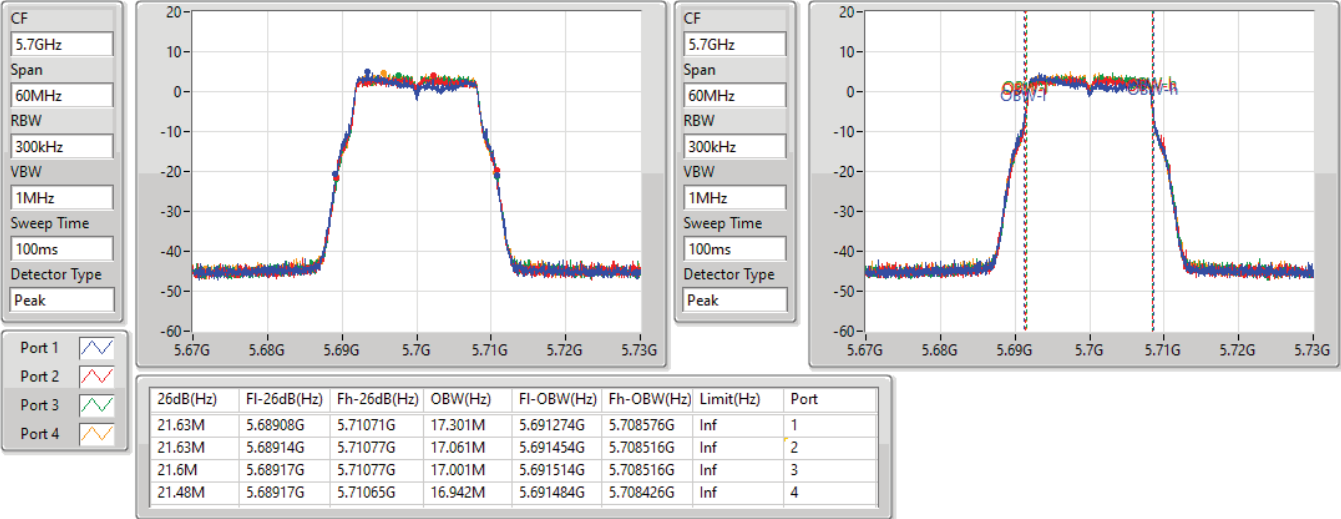
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.56917G	5.59077G	17.271M	5.571334G	5.588606G	Inf	1
21.6M	5.5692G	5.5908G	17.091M	5.571454G	5.588546G	Inf	2
21.6M	5.56926G	5.59086G	16.942M	5.571544G	5.588486G	Inf	3
21.48M	5.56917G	5.59065G	16.912M	5.571484G	5.588396G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5700MHz

28/06/2022

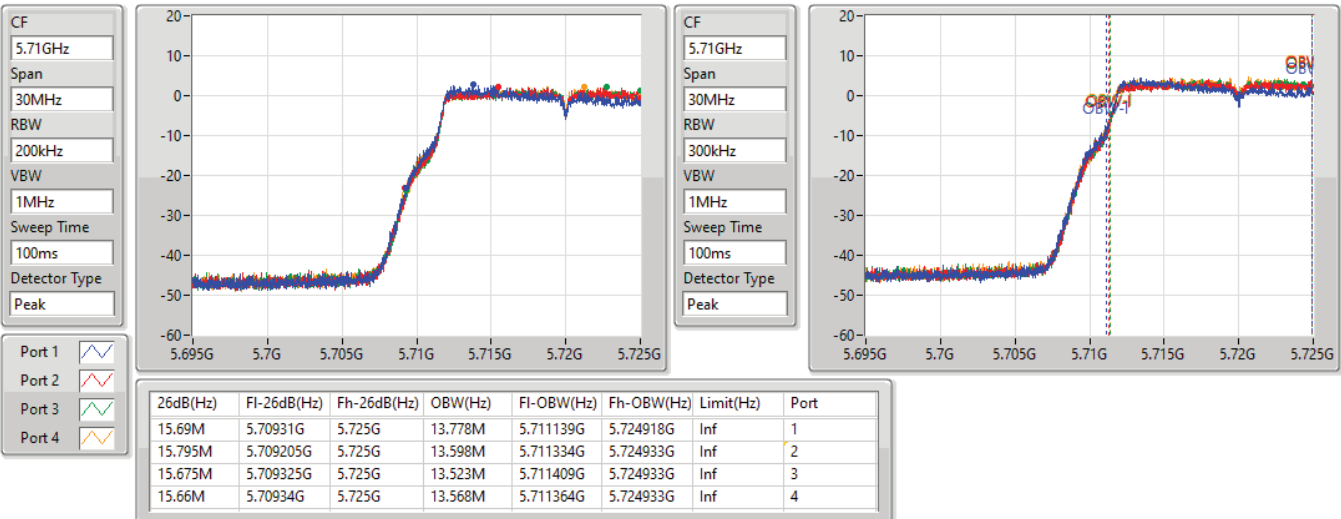


802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

28/06/2022



802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

28/06/2022

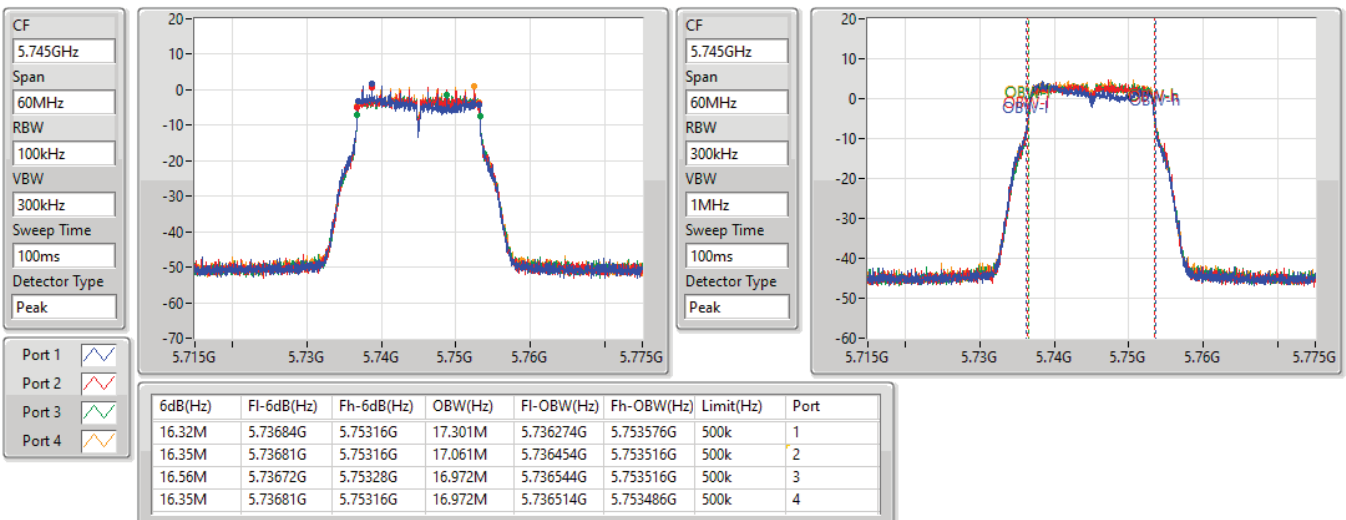


802.11a_Nss1,(6Mbps)_4TX

EBW

5745MHz

28/06/2022



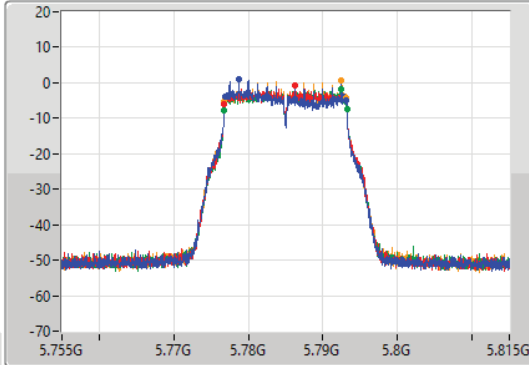
802.11a_Nss1,(6Mbps)_4TX

EBW

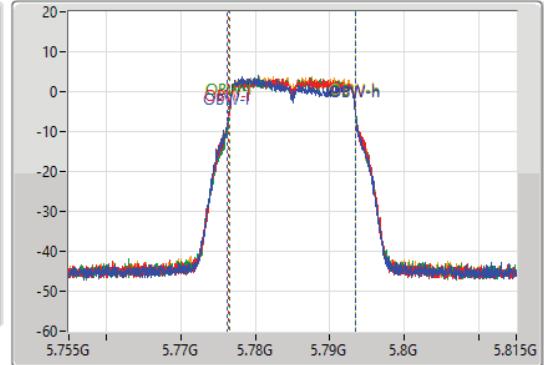
5785MHz

28/06/2022

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



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



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.77684G	5.79316G	17.211M	5.776304G	5.793516G	500k	1
16.35M	5.77681G	5.79316G	17.061M	5.776454G	5.793516G	500k	2
16.53M	5.77672G	5.79325G	17.001M	5.776514G	5.793516G	500k	3
16.35M	5.77681G	5.79316G	16.972M	5.776484G	5.793456G	500k	4

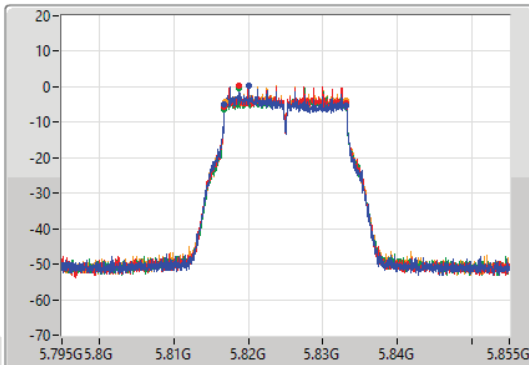
802.11a_Nss1,(6Mbps)_4TX

EBW

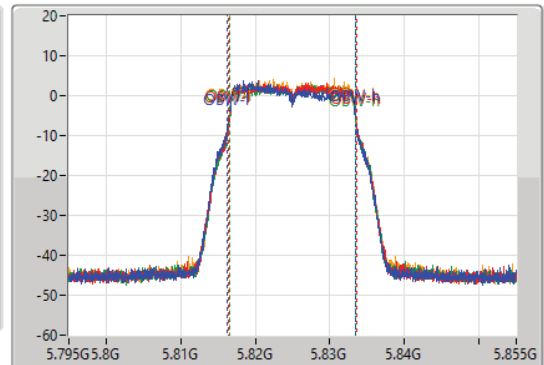
5825MHz

28/06/2022

CF
5.825GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.825GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

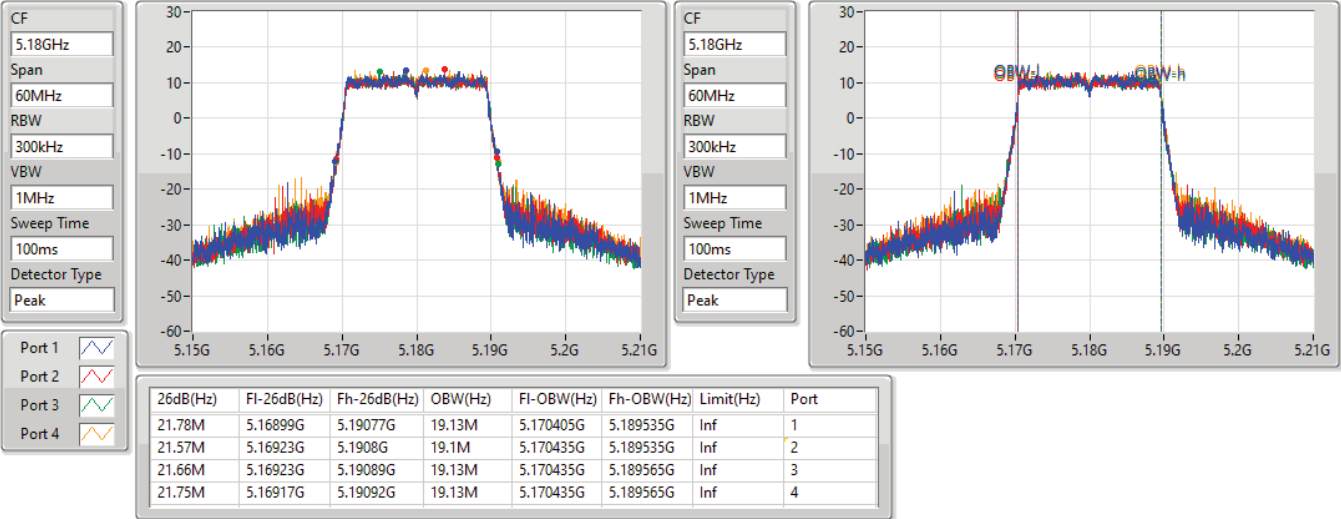
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.81681G	5.83316G	17.241M	5.816274G	5.833516G	500k	1
16.35M	5.81681G	5.83316G	17.091M	5.816454G	5.833546G	500k	2
16.35M	5.81681G	5.83316G	17.001M	5.816514G	5.833516G	500k	3
16.32M	5.81684G	5.83316G	16.972M	5.816514G	5.833486G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5180MHz

28/06/2022

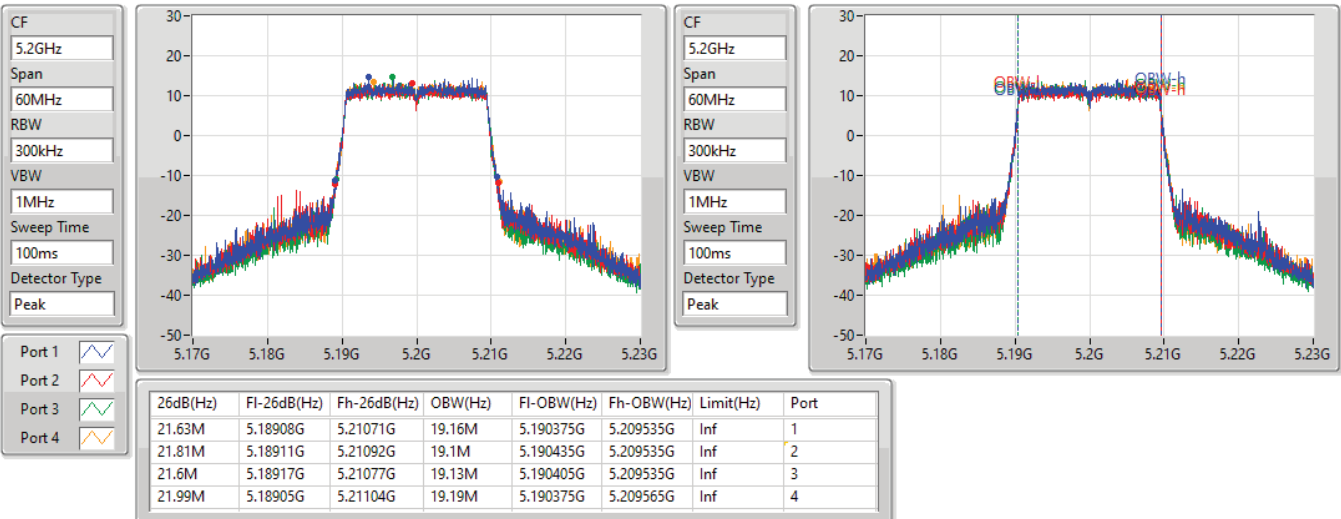


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5200MHz

06/12/2022





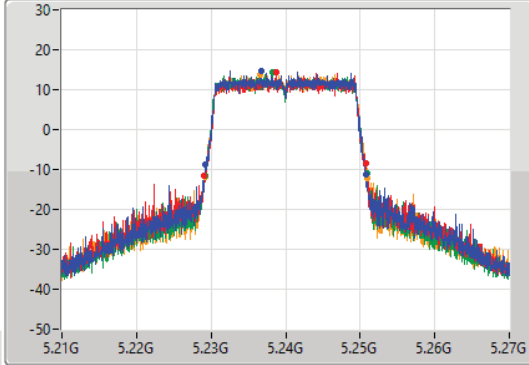
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

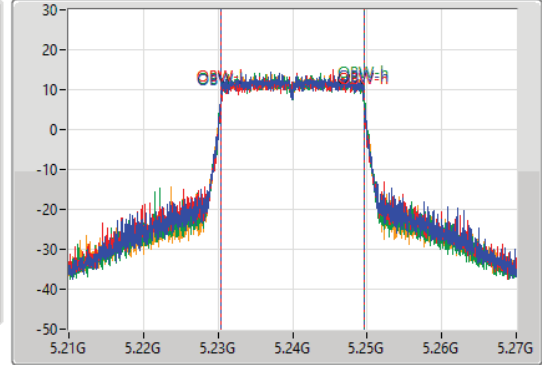
5240MHz

06/12/2022

CF
5.24GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.24GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.22923G	5.25077G	19.13M	5.230405G	5.249535G	Inf	1
21.66M	5.22911G	5.25077G	19.1M	5.230435G	5.249535G	Inf	2
21.78M	5.22917G	5.25095G	19.19M	5.230405G	5.249595G	Inf	3
21.87M	5.22914G	5.25101G	19.19M	5.230405G	5.249595G	Inf	4

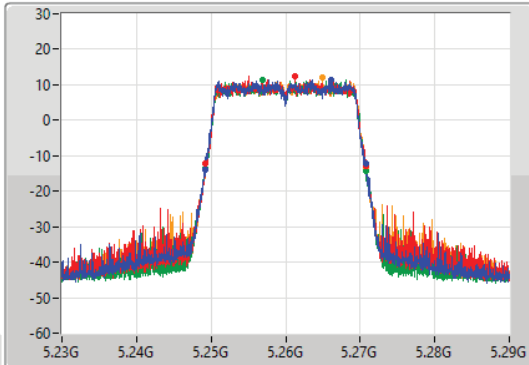
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

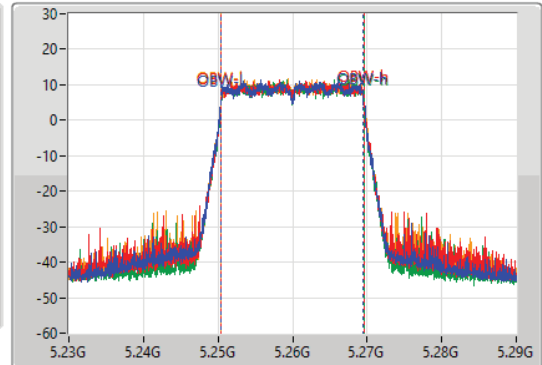
5260MHz

28/06/2022

CF
5.26GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.26GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

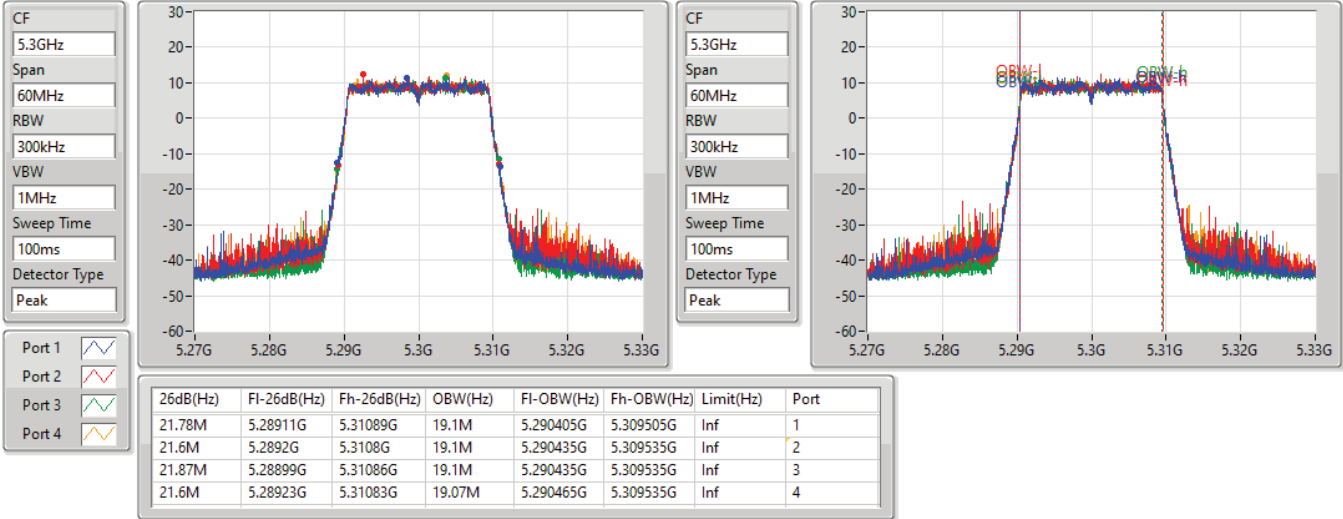
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.24917G	5.27086G	19.1M	5.250405G	5.269505G	Inf	1
21.57M	5.24923G	5.2708G	19.1M	5.250435G	5.269535G	Inf	2
21.63M	5.24914G	5.27077G	19.1M	5.250435G	5.269535G	Inf	3
21.63M	5.2492G	5.27083G	19.1M	5.250465G	5.269565G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5300MHz

28/06/2022

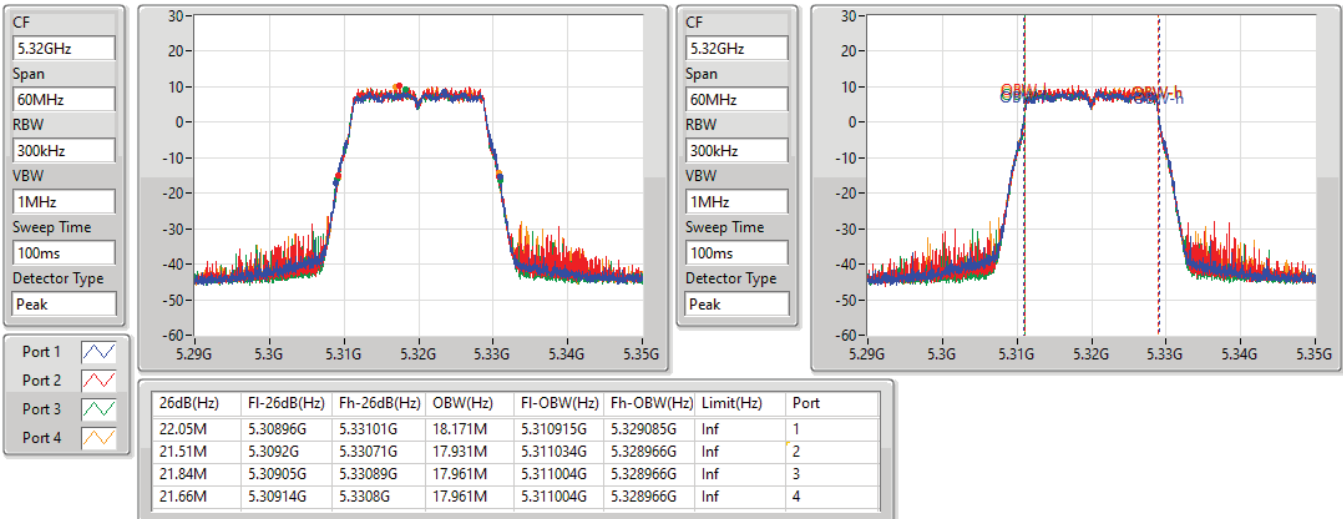


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5320MHz

28/06/2022



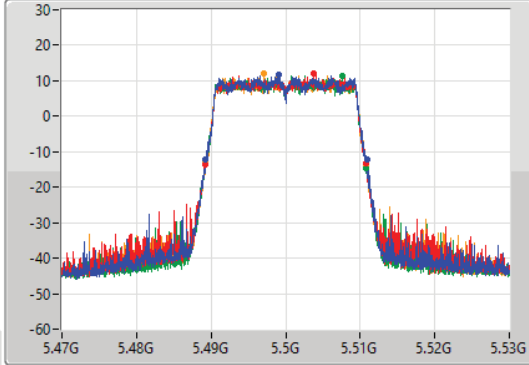
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

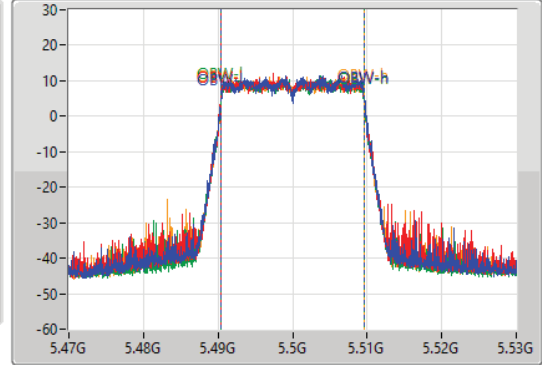
5500MHz

28/06/2022

CF
5.5GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.5GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.48917G	5.51098G	19.16M	5.490435G	5.509595G	Inf	1
21.6M	5.48917G	5.51077G	19.13M	5.490435G	5.509565G	Inf	2
21.63M	5.48917G	5.5108G	19.16M	5.490435G	5.509595G	Inf	3
21.57M	5.4892G	5.51077G	19.07M	5.490465G	5.509535G	Inf	4

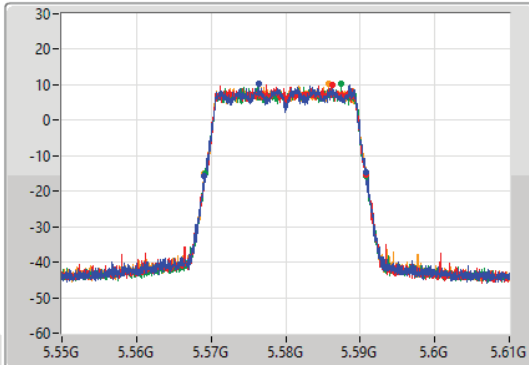
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

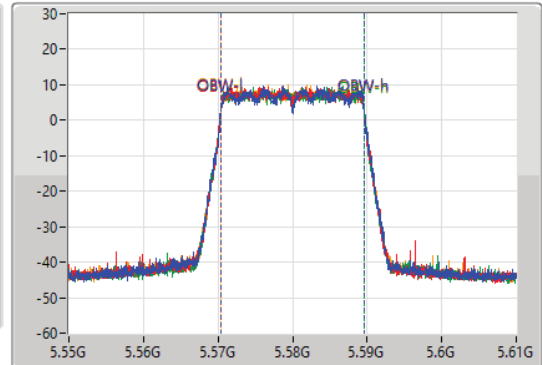
5580MHz

28/06/2022

CF
5.58GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.58GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.56911G	5.59077G	19.1M	5.570465G	5.589565G	Inf	1
21.78M	5.56902G	5.5908G	19.1M	5.570435G	5.589535G	Inf	2
21.66M	5.5692G	5.59086G	19.13M	5.570435G	5.589565G	Inf	3
21.66M	5.56908G	5.59074G	19.1M	5.570465G	5.589565G	Inf	4

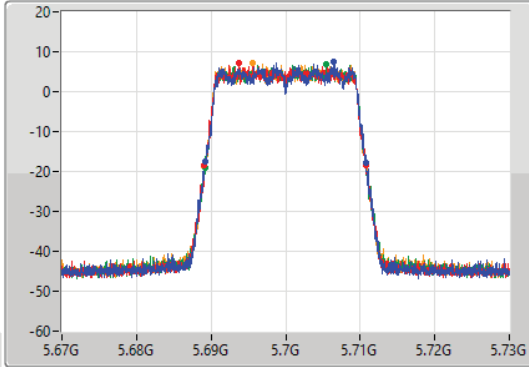
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

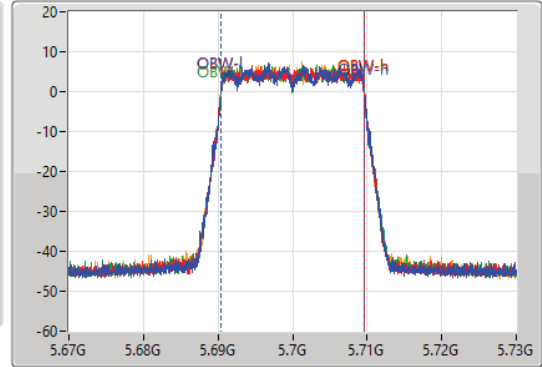
5700MHz

28/06/2022

CF
5.7GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.7GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.6892G	5.71074G	19.13M	5.690465G	5.709595G	Inf	1
21.72M	5.68911G	5.71083G	19.13M	5.690435G	5.709565G	Inf	2
21.66M	5.68917G	5.71083G	19.13M	5.690405G	5.709535G	Inf	3
21.66M	5.68908G	5.71074G	19.16M	5.690435G	5.709595G	Inf	4

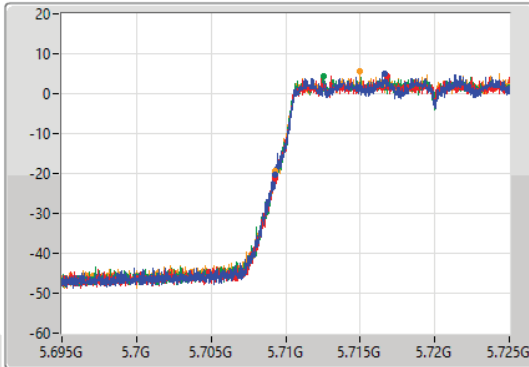
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

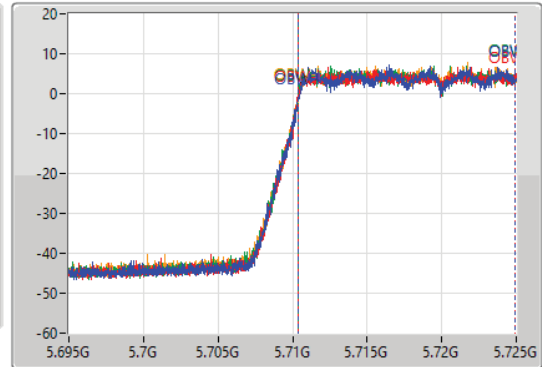
5720MHz Straddle 5.47-5.725GHz

28/06/2022

CF
5.71GHz
Span
30MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.71GHz
Span
30MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

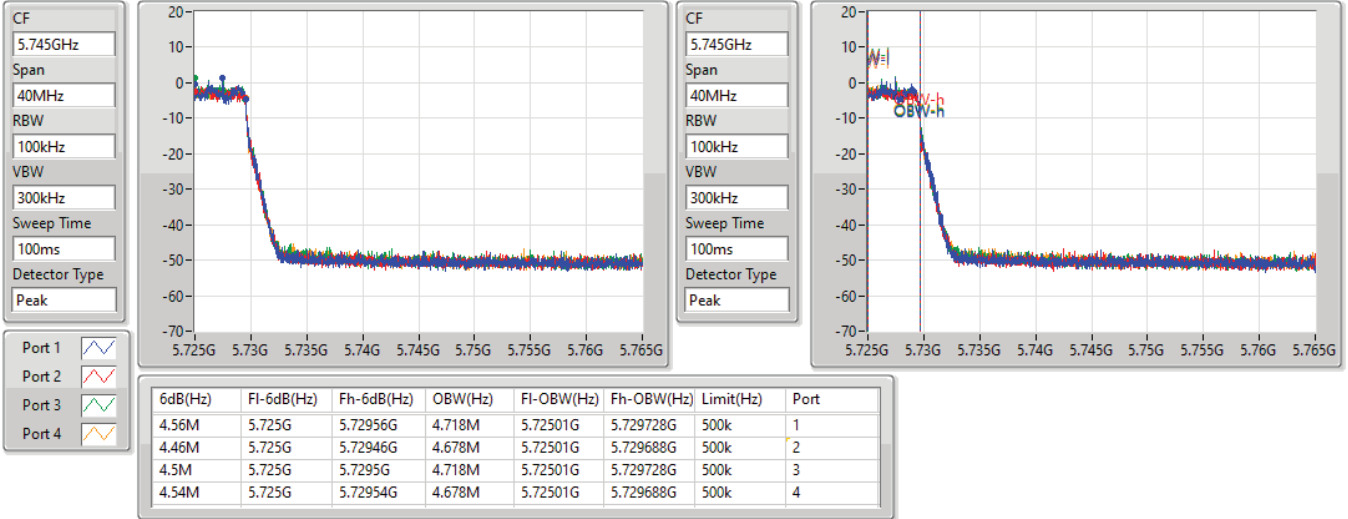
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.75M	5.70925G	5.725G	14.513M	5.710405G	5.724918G	Inf	1
15.72M	5.70928G	5.725G	14.558M	5.710375G	5.724933G	Inf	2
15.75M	5.70925G	5.725G	14.573M	5.71036G	5.724933G	Inf	3
15.705M	5.709295G	5.725G	14.558M	5.71036G	5.724918G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

28/06/2022

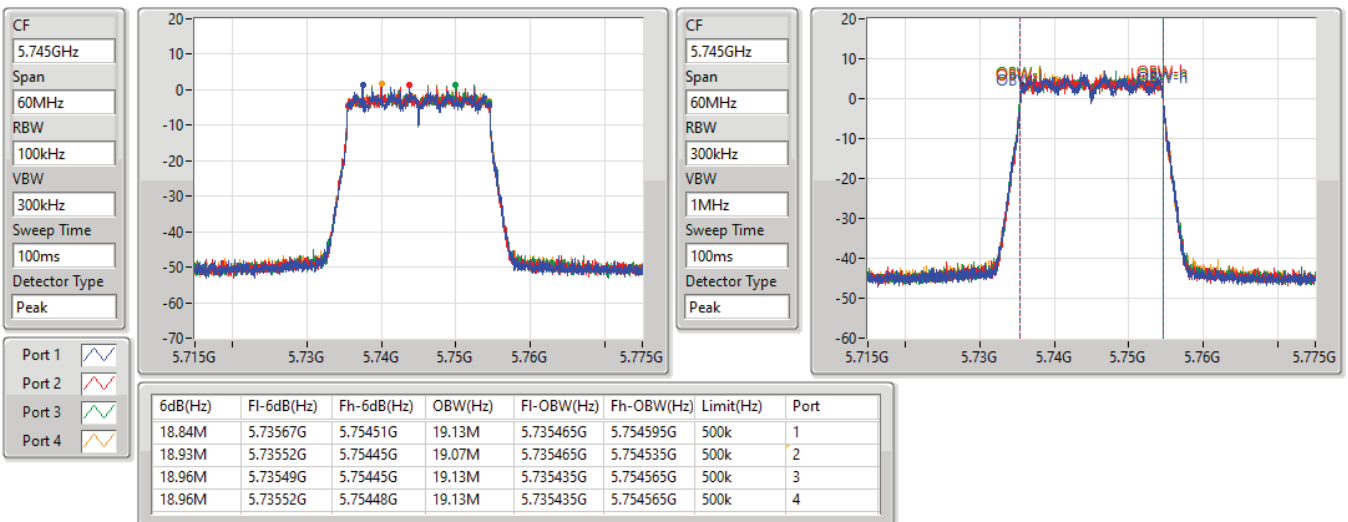


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5745MHz

28/06/2022

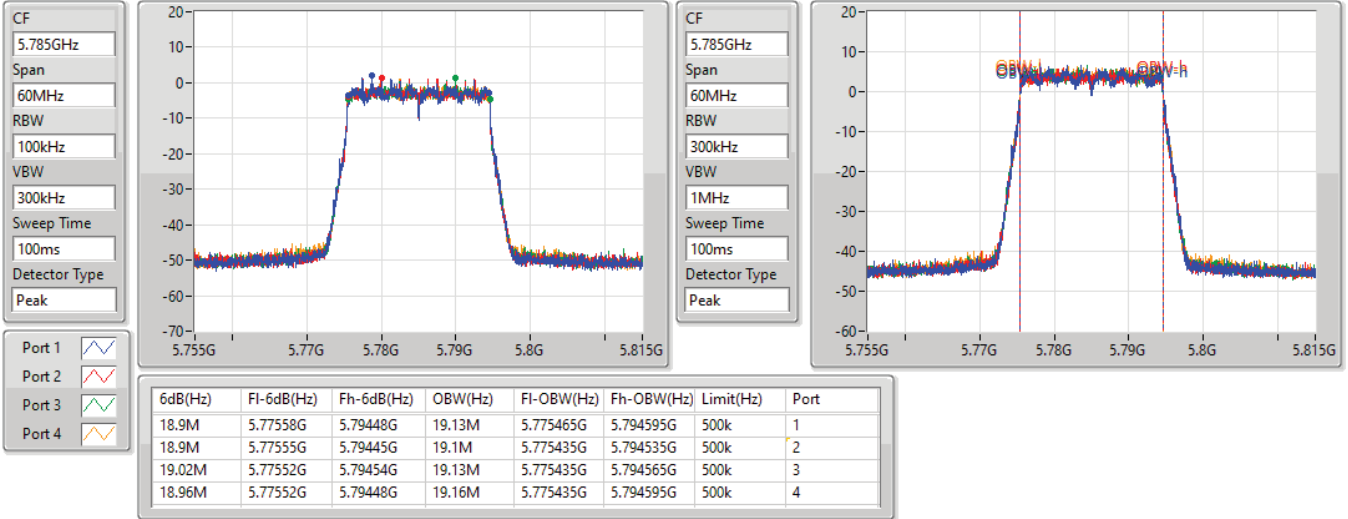


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5785MHz

28/06/2022

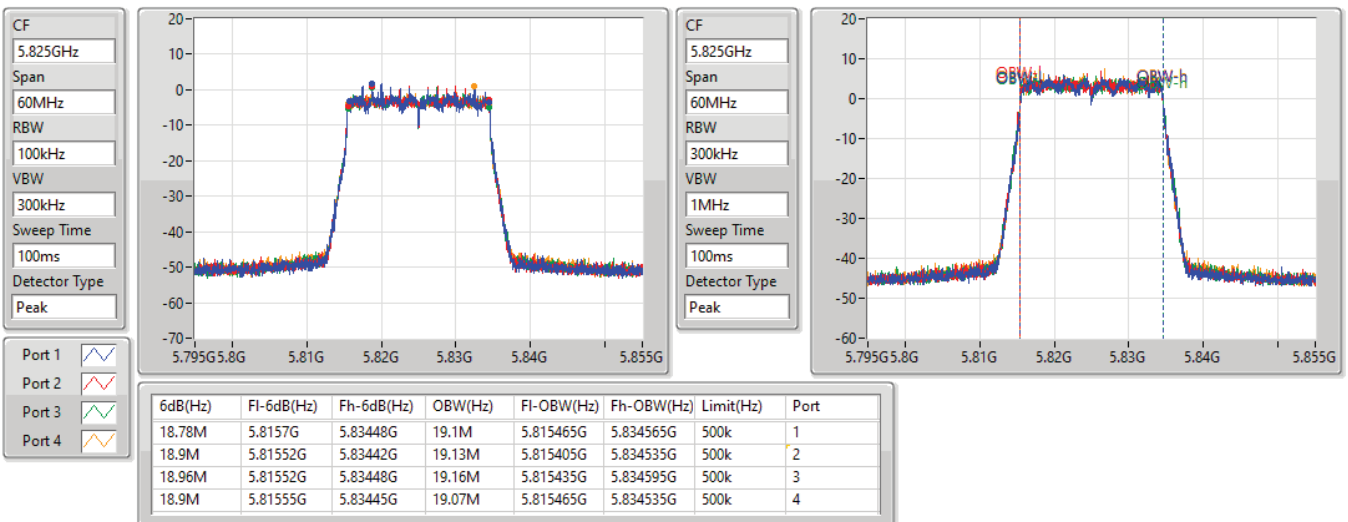


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5825MHz

28/06/2022



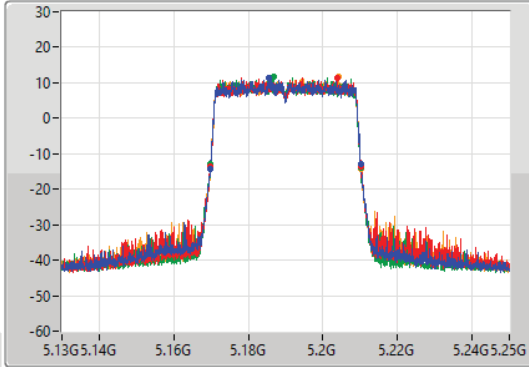
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5190MHz

28/06/2022

CF
5.19GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.19GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.56M	5.16972G	5.21028G	37.961M	5.17099G	5.208951G	Inf	1
40.44M	5.16984G	5.21028G	37.961M	5.171049G	5.20901G	Inf	2
40.56M	5.16972G	5.21028G	37.901M	5.17099G	5.208891G	Inf	3
40.44M	5.1699G	5.21034G	37.901M	5.171049G	5.208951G	Inf	4

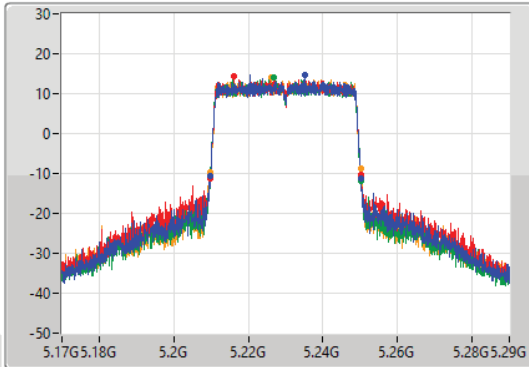
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

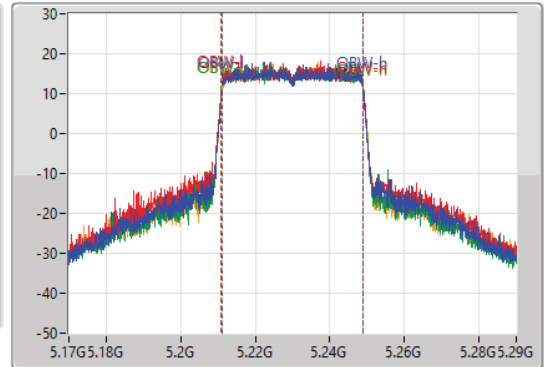
5230MHz

06/12/2022

CF
5.23GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.23GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	5.20984G	5.25028G	37.961M	5.211049G	5.24901G	Inf	1
40.32M	5.20984G	5.25016G	38.021M	5.21093G	5.248951G	Inf	2
40.56M	5.20978G	5.25034G	38.021M	5.21093G	5.248951G	Inf	3
40.5M	5.20966G	5.25016G	37.961M	5.21099G	5.248951G	Inf	4



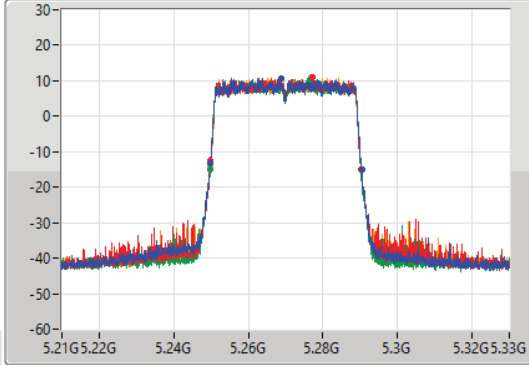
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

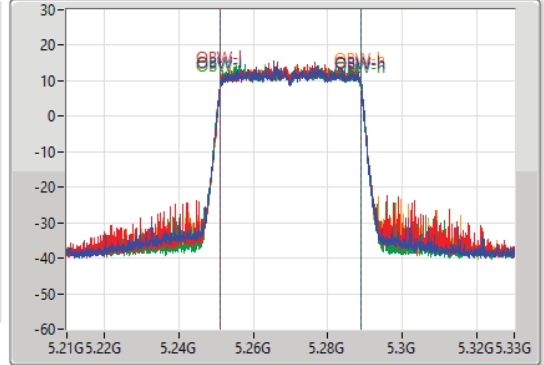
5270MHz

28/06/2022

CF
5.27GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.27GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.24966G	5.2904G	38.021M	5.25099G	5.28901G	Inf	1
40.5M	5.24978G	5.29028G	37.901M	5.251049G	5.288951G	Inf	2
40.44M	5.24972G	5.29016G	37.961M	5.25099G	5.288951G	Inf	3
40.5M	5.24984G	5.29034G	37.901M	5.251109G	5.28901G	Inf	4

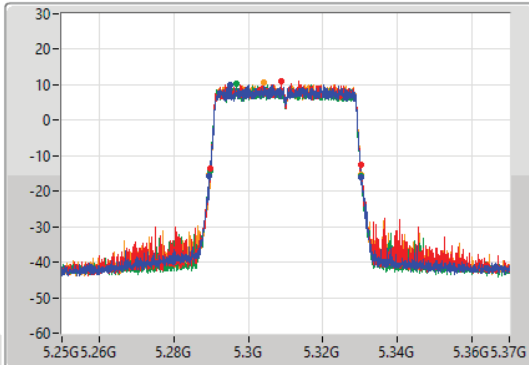
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

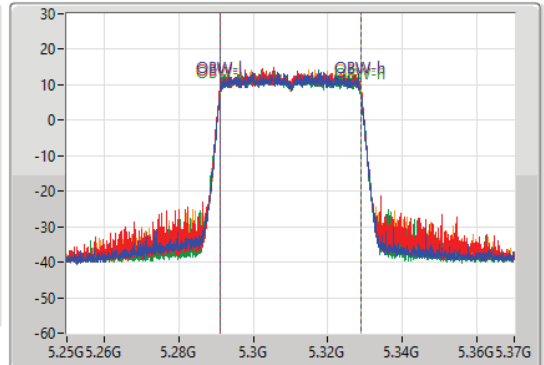
5310MHz

29/06/2022

CF
5.31GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.31GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.28954G	5.33028G	37.781M	5.291109G	5.328891G	Inf	1
40.44M	5.28972G	5.33016G	37.961M	5.29099G	5.328951G	Inf	2
40.5M	5.28978G	5.33028G	37.961M	5.29099G	5.328951G	Inf	3
40.86M	5.28948G	5.33034G	37.961M	5.291049G	5.32901G	Inf	4

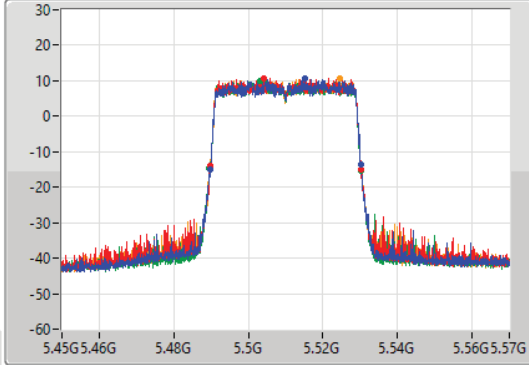
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

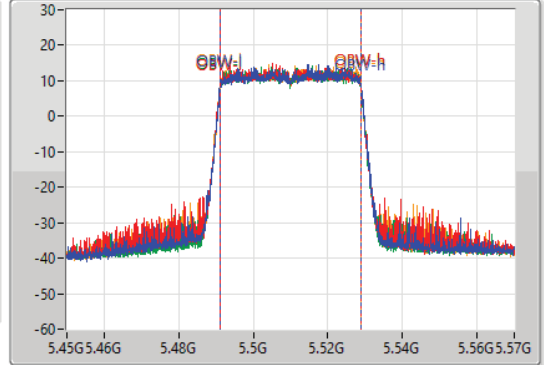
5510MHz

29/06/2022

CF
5.51GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.51GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	5.48984G	5.53022G	37.901M	5.491109G	5.52901G	Inf	1
40.44M	5.48978G	5.53022G	37.901M	5.491049G	5.528951G	Inf	2
40.62M	5.4896G	5.53022G	37.901M	5.491049G	5.528951G	Inf	3
40.5M	5.48972G	5.53022G	37.901M	5.49099G	5.528891G	Inf	4

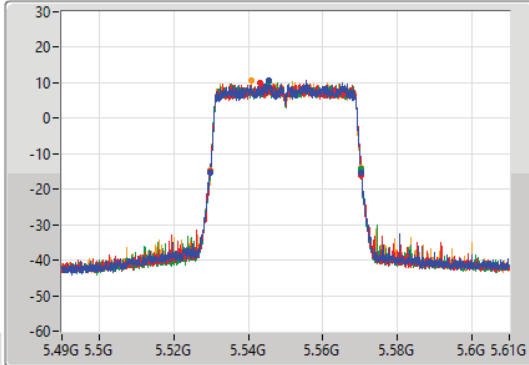
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

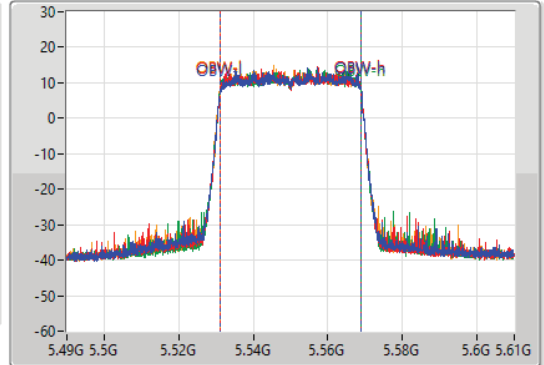
5550MHz

29/06/2022

CF
5.55GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.55GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.62M	5.52966G	5.57028G	37.901M	5.531049G	5.568951G	Inf	1
40.56M	5.52972G	5.57028G	37.901M	5.531049G	5.568951G	Inf	2
40.44M	5.52984G	5.57028G	37.901M	5.531049G	5.568951G	Inf	3
40.38M	5.52978G	5.57016G	37.961M	5.53099G	5.568951G	Inf	4

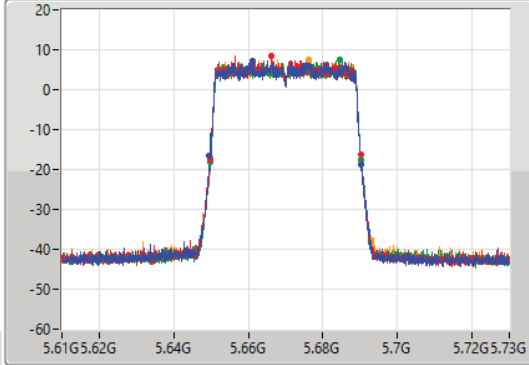
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

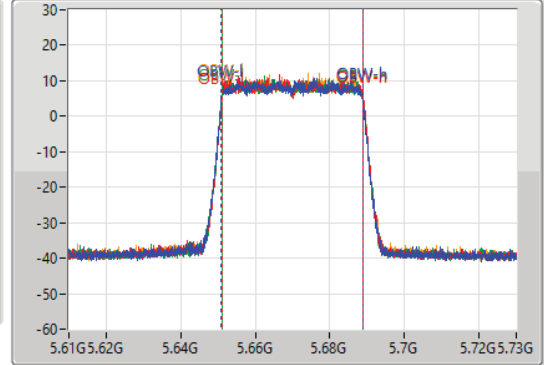
5670MHz

29/06/2022

CF: 5.67GHz
 Span: 120MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.67GHz
 Span: 120MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Peak



Port 1
 Port 2
 Port 3
 Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.56M	5.6496G	5.69016G	37.961M	5.65093G	5.688891G	Inf	1
40.56M	5.64978G	5.69034G	37.961M	5.65099G	5.688951G	Inf	2
40.44M	5.64972G	5.69016G	37.961M	5.65099G	5.688951G	Inf	3
40.56M	5.64978G	5.69034G	37.901M	5.651049G	5.688951G	Inf	4

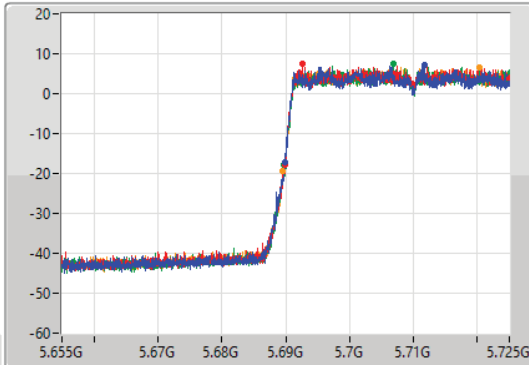
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

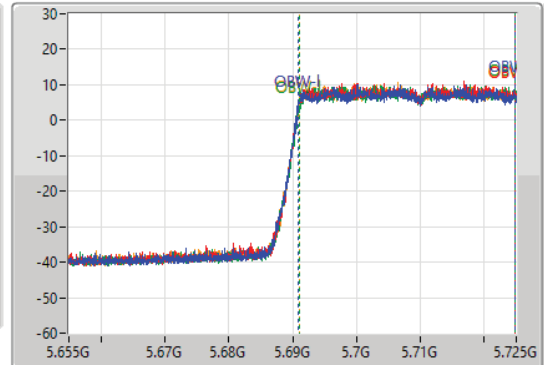
5710MHz Straddle 5.47-5.725GHz

29/06/2022

CF: 5.69GHz
 Span: 70MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.69GHz
 Span: 70MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Peak



Port 1
 Port 2
 Port 3
 Port 4

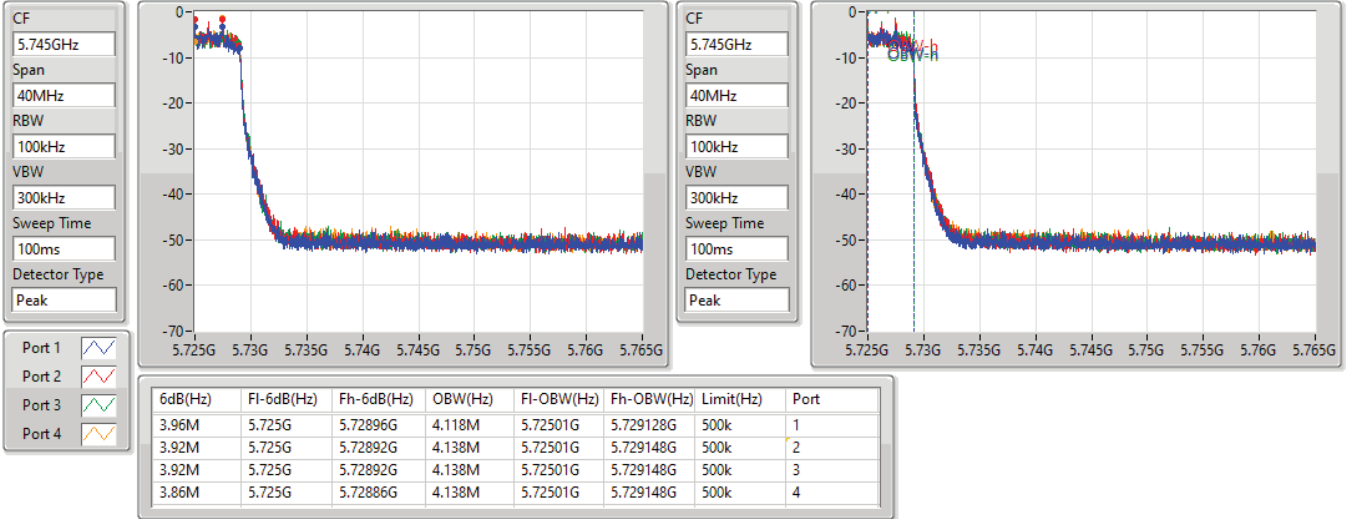
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.14M	5.68986G	5.725G	33.898M	5.690875G	5.724773G	Inf	1
35.175M	5.689825G	5.725G	33.898M	5.69091G	5.724808G	Inf	2
35.315M	5.689685G	5.725G	33.863M	5.69098G	5.724843G	Inf	3
35.455M	5.689545G	5.725G	33.828M	5.69098G	5.724808G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

29/06/2022

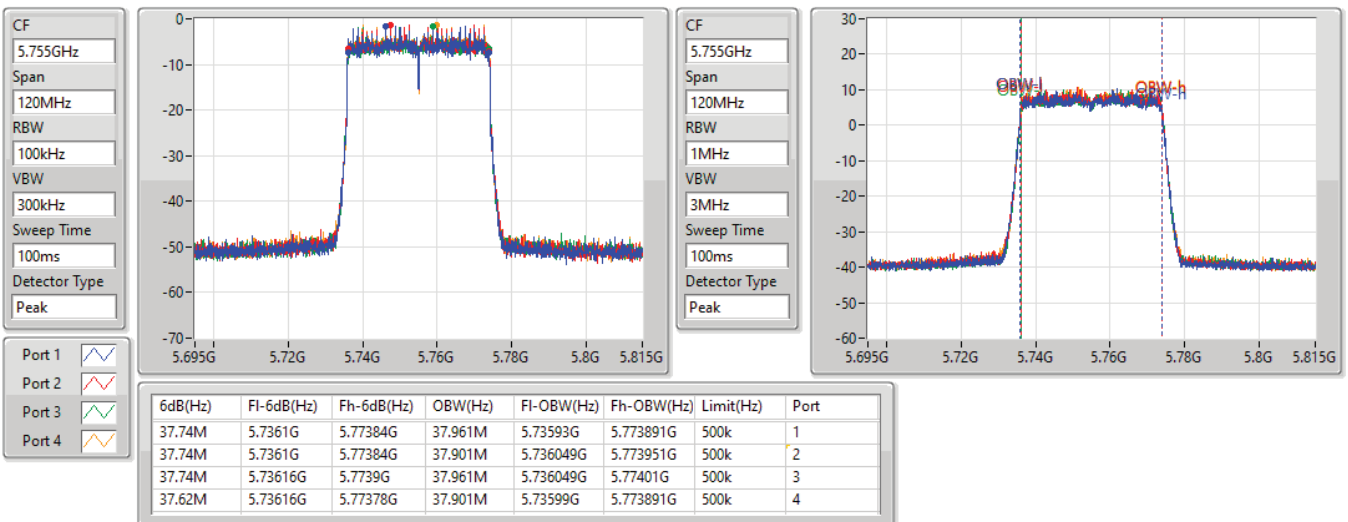


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5755MHz

29/06/2022



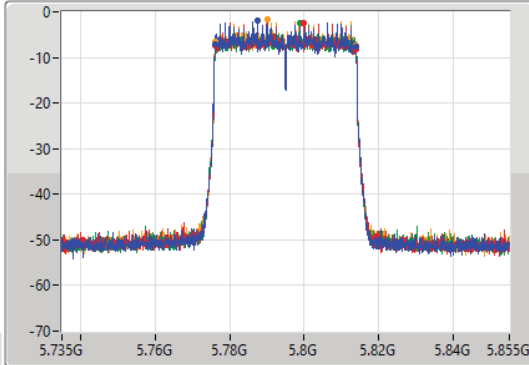
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

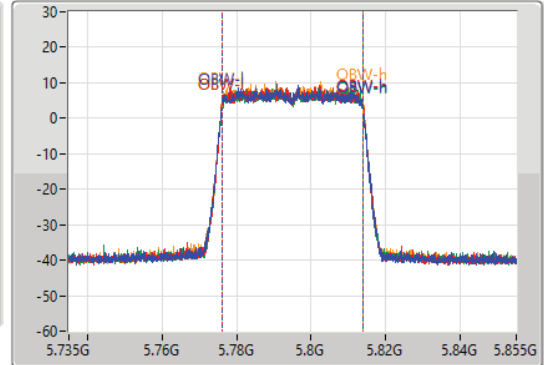
5795MHz

29/06/2022

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



CF
5.795GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	5.77604G	5.81384G	37.901M	5.77599G	5.813891G	500k	1
37.62M	5.77616G	5.81378G	37.961M	5.77599G	5.813951G	500k	2
37.8M	5.77616G	5.81396G	38.021M	5.77599G	5.81401G	500k	3
37.62M	5.77616G	5.81378G	37.961M	5.77599G	5.813951G	500k	4

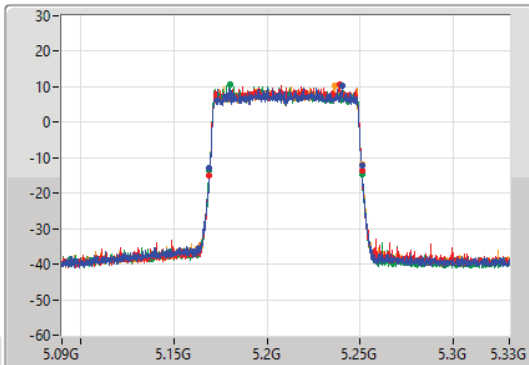
802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

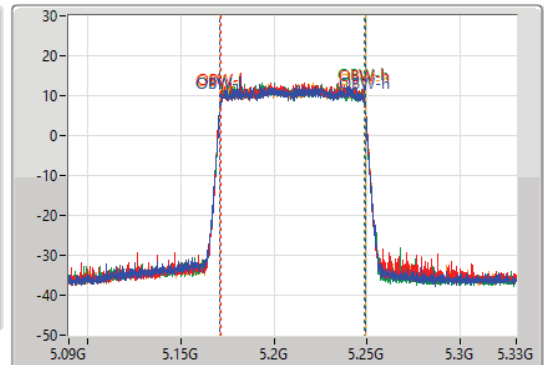
5210MHz

29/06/2022

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.1692G	5.2508G	77.721M	5.171139G	5.248861G	Inf	1
81.72M	5.1692G	5.25092G	77.601M	5.171259G	5.248861G	Inf	2
81.96M	5.16884G	5.2508G	77.601M	5.171139G	5.248741G	Inf	3
81.96M	5.16908G	5.25104G	77.721M	5.171139G	5.248861G	Inf	4

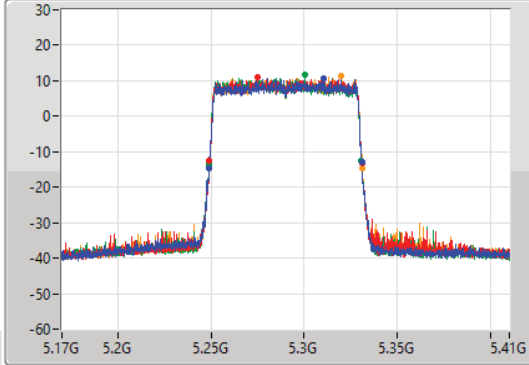
802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

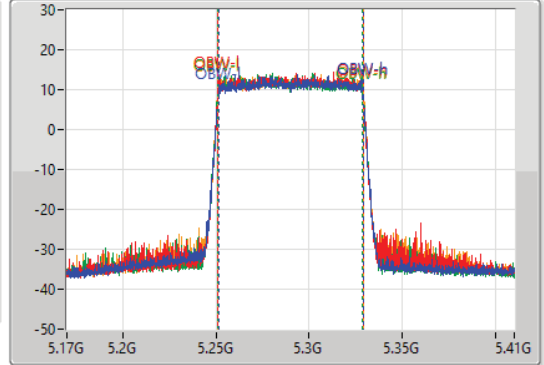
5290MHz

29/06/2022

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.24896G	5.33116G	77.601M	5.251259G	5.328861G	Inf	1
81.72M	5.2492G	5.33092G	77.841M	5.251139G	5.328981G	Inf	2
81.6M	5.24908G	5.33068G	77.721M	5.251019G	5.328741G	Inf	3
81.72M	5.2492G	5.33092G	77.721M	5.251139G	5.328861G	Inf	4

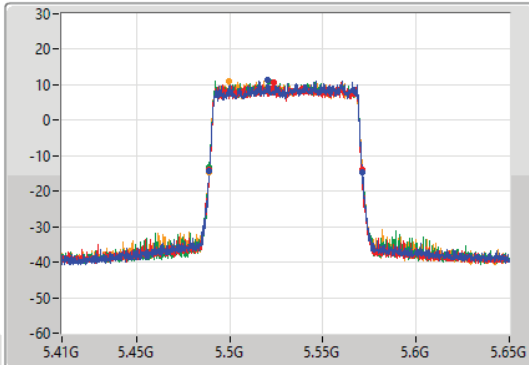
802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

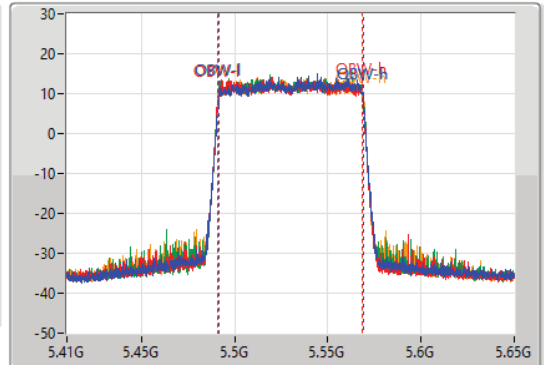
5530MHz

29/06/2022

CF
5.53GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.53GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.48896G	5.57116G	77.481M	5.491379G	5.568861G	Inf	1
81.96M	5.48908G	5.57104G	77.601M	5.491139G	5.568741G	Inf	2
81.72M	5.4892G	5.57092G	77.601M	5.491259G	5.568861G	Inf	3
82.08M	5.48884G	5.57092G	77.601M	5.491139G	5.568741G	Inf	4

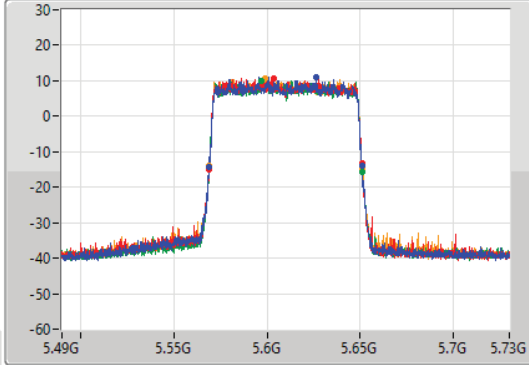
802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

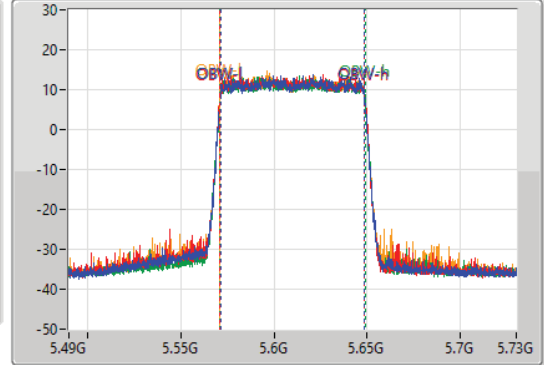
5610MHz

29/06/2022

CF
5.61GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.61GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.56896G	5.65092G	77.361M	5.571259G	5.648621G	Inf	1
82.08M	5.56884G	5.65092G	77.601M	5.571139G	5.648741G	Inf	2
82.32M	5.56872G	5.65104G	77.721M	5.571139G	5.648861G	Inf	3
81.84M	5.56908G	5.65092G	77.601M	5.571139G	5.648741G	Inf	4

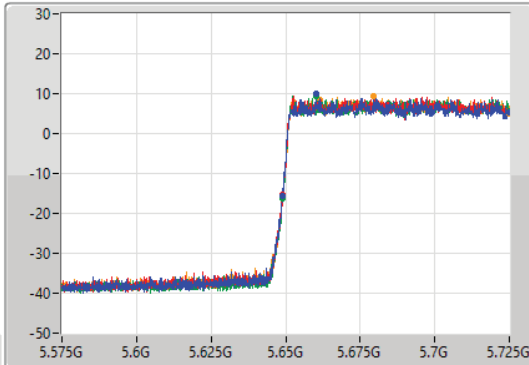
802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

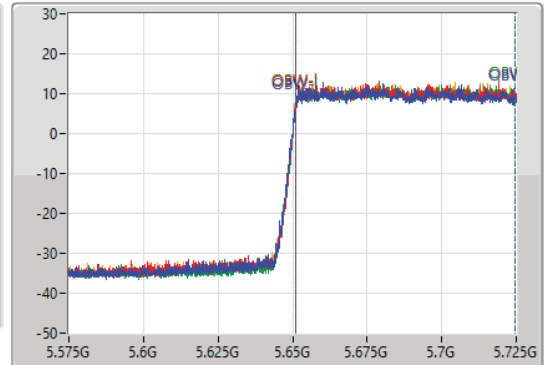
5690MHz Straddle 5.47-5.725GHz

29/06/2022

CF
5.65GHz
Span
150MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.65GHz
Span
150MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

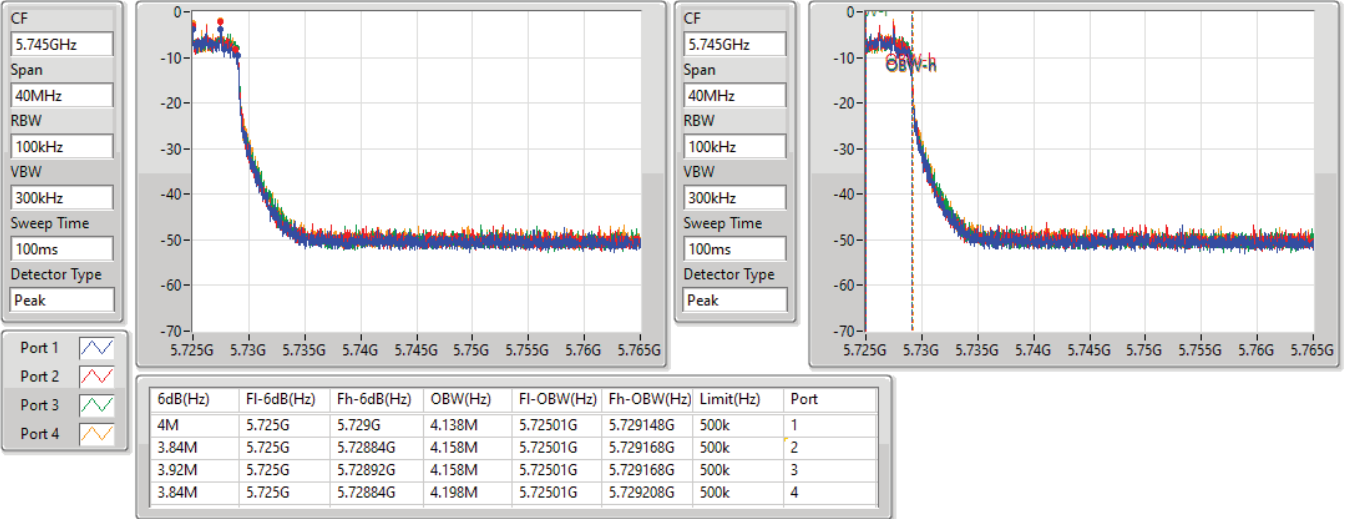
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.2M	5.6488G	5.725G	73.463M	5.651049G	5.724513G	Inf	1
75.975M	5.649025G	5.725G	73.463M	5.651124G	5.724588G	Inf	2
75.975M	5.649025G	5.725G	73.388M	5.651199G	5.724588G	Inf	3
75.975M	5.649025G	5.725G	73.463M	5.651049G	5.724513G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

29/06/2022

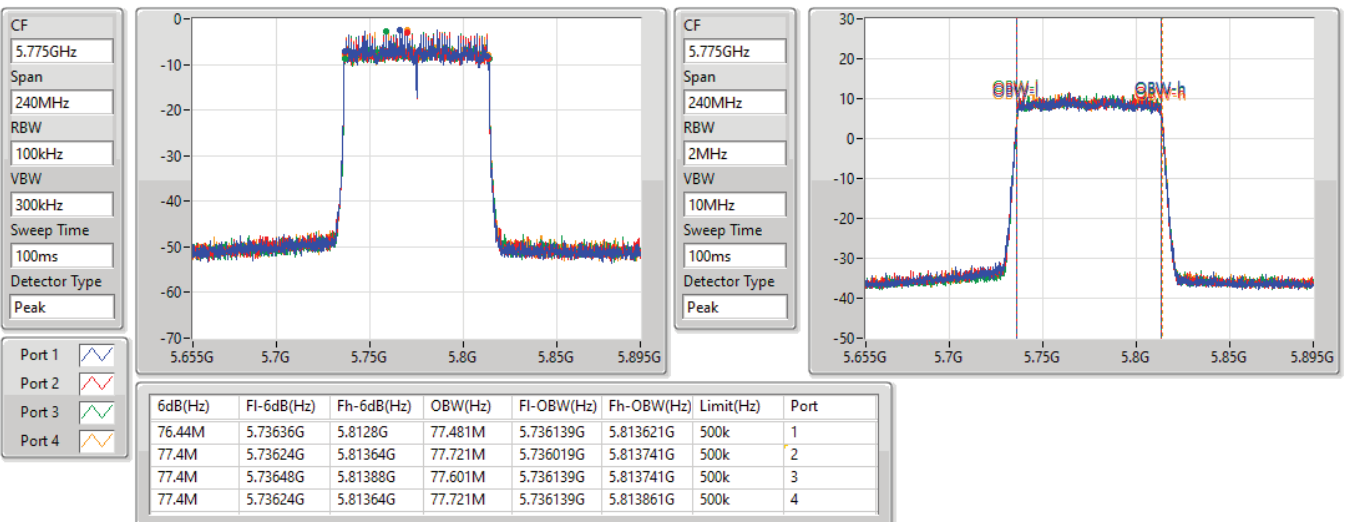


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5775MHz

29/06/2022

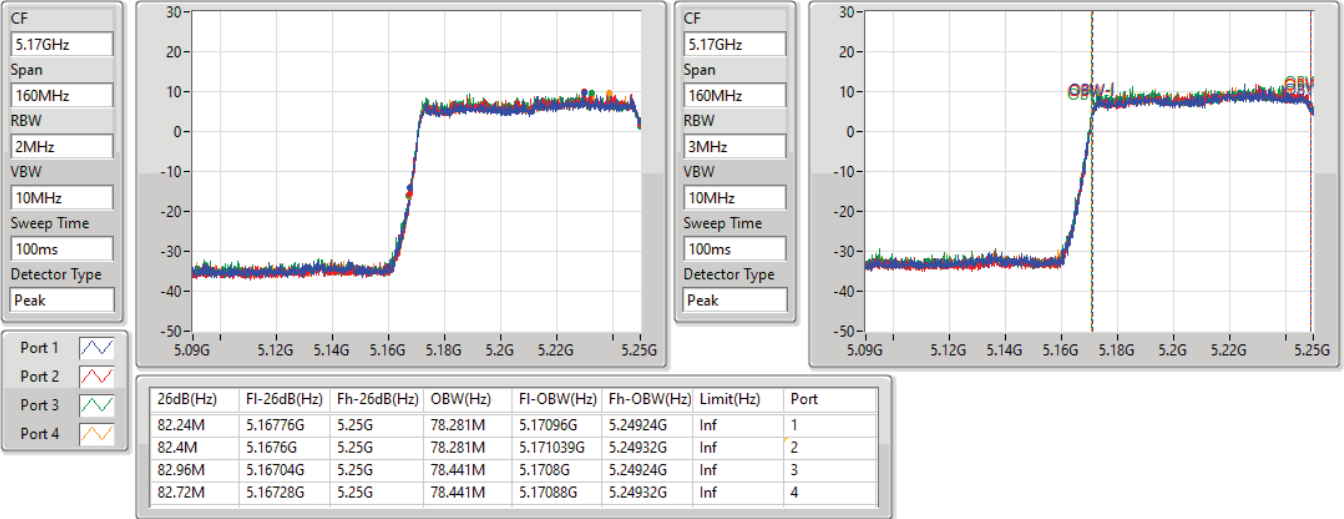


802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

29/06/2022

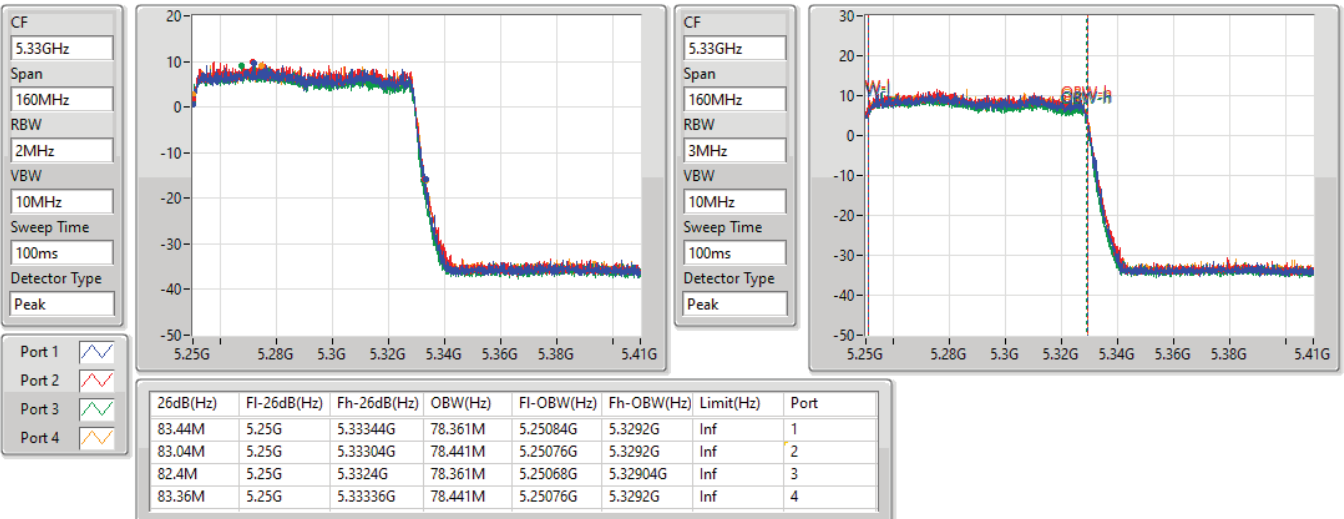


802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

29/06/2022



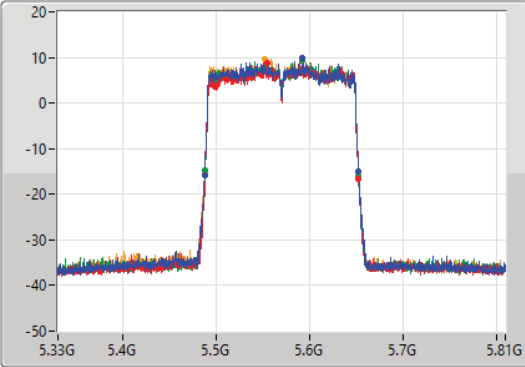
802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

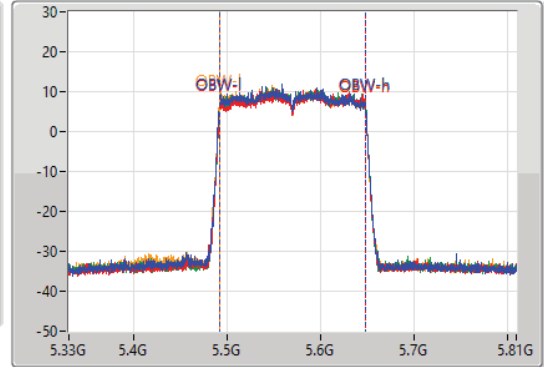
5570MHz

29/06/2022

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.36M	5.4872G	5.65256G	156.882M	5.491559G	5.648441G	Inf	1
165.12M	5.48768G	5.6528G	156.162M	5.492039G	5.648201G	Inf	2
164.88M	5.48768G	5.65256G	156.642M	5.491799G	5.648441G	Inf	3
165.12M	5.48744G	5.65256G	156.882M	5.491319G	5.648201G	Inf	4



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	21.84M	19.19M	19M2D1D	21.39M	19.07M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.98M	38.021M	38MOD1D	40.14M	37.901M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.72M	77.721M	77M8D1D	81.12M	77.601M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	111.68M	79M	79MOD1D	81.28M	78.201M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.99M	19.19M	19M2D1D	21.54M	19.07M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.8M	38.021M	38MOD1D	40.26M	37.901M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.72M	77.601M	77M7D1D	81.24M	77.481M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	83.76M	78.521M	78M6D1D	82.4M	78.441M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.99M	19.19M	19M2D1D	15.765M	14.513M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	41.04M	38.021M	38MOD1D	35.175M	33.828M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.72M	77.721M	77M8D1D	75.525M	73.388M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165.12M	156.882M	157MD1D	162.24M	156.402M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.05M	19.19M	19M2D1D	4.44M	4.658M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.74M	38.021M	38MOD1D	3.92M	4.118M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	76.8M	77.721M	77M8D1D	3.8M	4.138M

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	21.84M	19.16M	21.6M	19.16M	21.63M	19.19M	21.69M	19.13M
5200MHz	Pass	Inf	21.42M	19.1M	21.63M	19.13M	21.6M	19.13M	21.69M	19.07M
5240MHz	Pass	Inf	21.75M	19.07M	21.39M	19.1M	21.63M	19.13M	21.69M	19.07M
5260MHz	Pass	Inf	21.72M	19.1M	21.69M	19.16M	21.87M	19.16M	21.75M	19.1M
5300MHz	Pass	Inf	21.99M	19.1M	21.54M	19.1M	21.87M	19.1M	21.9M	19.1M
5320MHz	Pass	Inf	21.84M	19.1M	21.69M	19.1M	21.84M	19.07M	21.72M	19.19M
5500MHz	Pass	Inf	21.81M	19.16M	21.63M	19.07M	21.6M	19.13M	21.69M	19.01M
5580MHz	Pass	Inf	21.9M	19.16M	21.57M	19.07M	21.99M	19.19M	21.84M	19.16M
5700MHz	Pass	Inf	21.78M	19.16M	21.78M	19.1M	21.81M	19.04M	21.24M	18.981M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.855M	14.513M	15.96M	14.588M	15.795M	14.588M	15.765M	14.543M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.56M	4.718M	4.5M	4.678M	4.44M	4.658M	4.5M	4.678M
5745MHz	Pass	500k	18.81M	19.16M	19.05M	19.16M	19.02M	19.07M	18.51M	19.13M
5785MHz	Pass	500k	18.87M	19.13M	18.93M	19.19M	18.99M	19.1M	18.84M	19.1M
5825MHz	Pass	500k	18.39M	19.13M	18.93M	19.07M	18.9M	19.13M	17.82M	18.771M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.5M	37.961M	40.68M	37.901M	40.62M	37.961M	40.62M	37.901M
5230MHz	Pass	Inf	40.14M	38.021M	40.98M	37.961M	40.26M	37.901M	40.68M	37.961M
5270MHz	Pass	Inf	40.32M	37.961M	40.32M	38.021M	40.5M	37.901M	40.68M	37.901M
5310MHz	Pass	Inf	40.56M	37.961M	40.26M	37.961M	40.8M	37.961M	40.62M	37.961M
5510MHz	Pass	Inf	40.44M	38.021M	40.68M	37.961M	40.44M	37.901M	40.5M	37.901M
5550MHz	Pass	Inf	40.62M	37.961M	40.38M	37.901M	40.44M	37.961M	40.8M	37.901M
5670MHz	Pass	Inf	40.5M	37.841M	41.04M	37.961M	40.56M	37.901M	40.44M	37.961M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.21M	33.863M	35.175M	33.863M	35.35M	33.898M	35.56M	33.828M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	4.138M	4M	4.118M	3.96M	4.138M	3.92M	4.138M
5755MHz	Pass	500k	37.62M	37.961M	37.2M	37.961M	37.68M	38.021M	37.74M	37.961M
5795MHz	Pass	500k	37.62M	37.961M	35.76M	37.961M	35.34M	37.961M	37.56M	38.021M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.12M	77.601M	81.24M	77.601M	81.36M	77.721M	81.72M	77.721M
5290MHz	Pass	Inf	81.72M	77.481M	81.36M	77.601M	81.24M	77.601M	81.24M	77.601M
5530MHz	Pass	Inf	80.88M	77.601M	81.12M	77.481M	81.36M	77.601M	81.24M	77.481M
5610MHz	Pass	Inf	81.36M	77.721M	80.88M	77.601M	81.24M	77.601M	81.72M	77.601M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.125M	73.388M	76.2M	73.388M	75.525M	73.388M	75.6M	73.463M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	4.138M	3.94M	4.158M	3.8M	4.158M	3.94M	4.158M
5775MHz	Pass	500k	76.2M	77.721M	72.36M	77.601M	76.8M	77.721M	76.08M	77.721M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.36M	78.361M	81.84M	78.201M	111.68M	78.281M	81.28M	79M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.4M	78.521M	82.56M	78.441M	83.76M	78.441M	83.12M	78.521M
5570MHz	Pass	Inf	162.24M	156.882M	163.92M	156.882M	165.12M	156.402M	162.96M	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

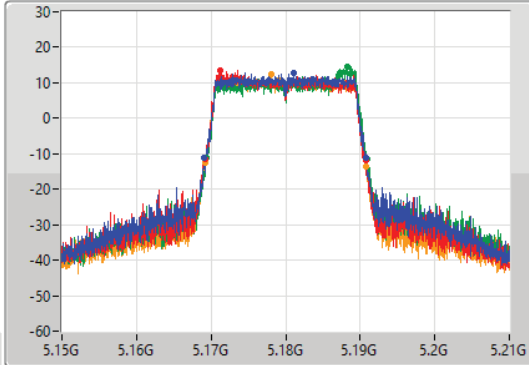
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

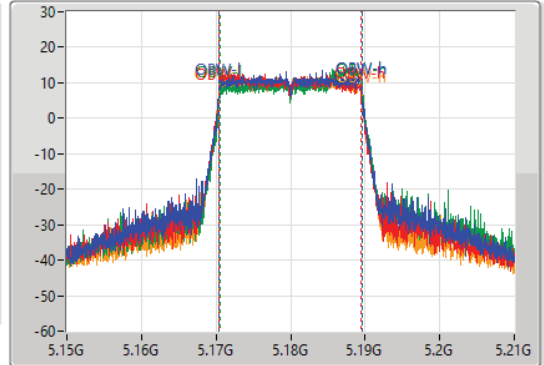
5180MHz

30/06/2022

CF
5.18GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.18GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.84M	5.16902G	5.19086G	19.16M	5.170435G	5.189595G	Inf	1
21.6M	5.16914G	5.19074G	19.16M	5.170345G	5.189505G	Inf	2
21.63M	5.16938G	5.19101G	19.19M	5.170495G	5.189685G	Inf	3
21.69M	5.16917G	5.19086G	19.13M	5.170405G	5.189535G	Inf	4

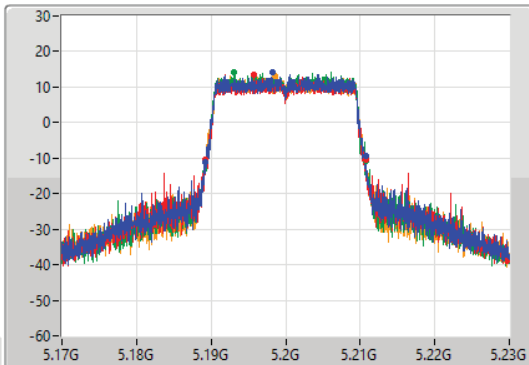
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

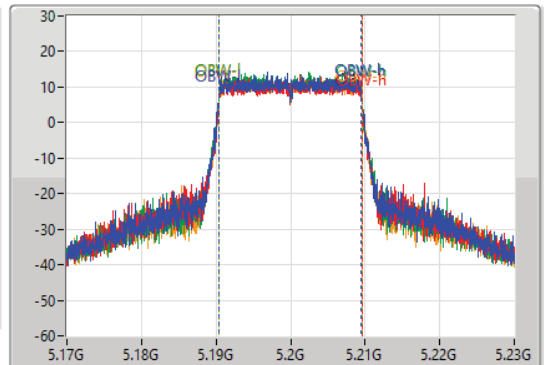
5200MHz

06/12/2022

CF
5.2GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.2GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.42M	5.18929G	5.21071G	19.1M	5.190405G	5.209505G	Inf	1
21.63M	5.18914G	5.21077G	19.13M	5.190435G	5.209565G	Inf	2
21.6M	5.18914G	5.21074G	19.13M	5.190405G	5.209535G	Inf	3
21.69M	5.18917G	5.21086G	19.07M	5.190465G	5.209535G	Inf	4

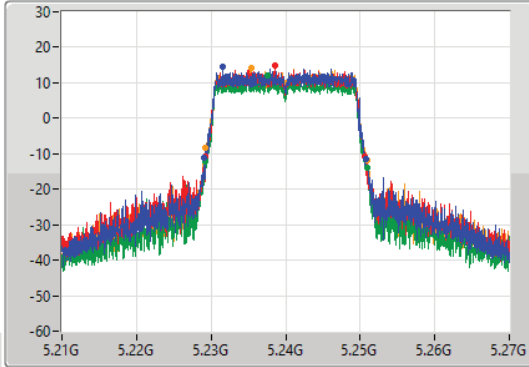
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

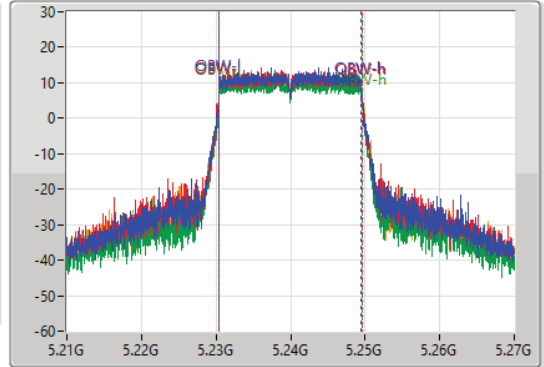
5240MHz

06/12/2022

CF
5.24GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.24GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.22911G	5.25086G	19.07M	5.230435G	5.249505G	Inf	1
21.39M	5.22926G	5.25065G	19.1M	5.230435G	5.249535G	Inf	2
21.63M	5.22926G	5.25089G	19.13M	5.230405G	5.249535G	Inf	3
21.69M	5.22929G	5.25098G	19.07M	5.230435G	5.249505G	Inf	4

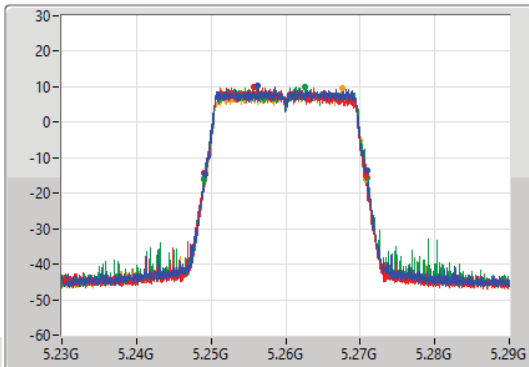
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

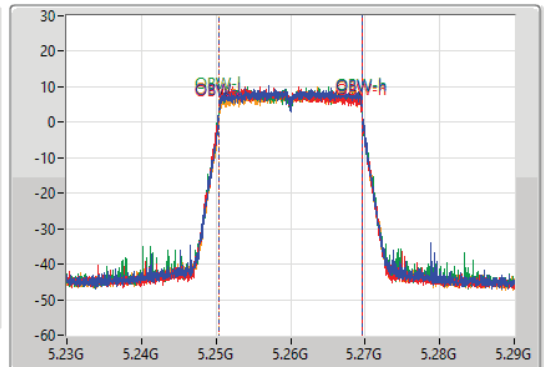
5260MHz

30/06/2022

CF
5.26GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.26GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

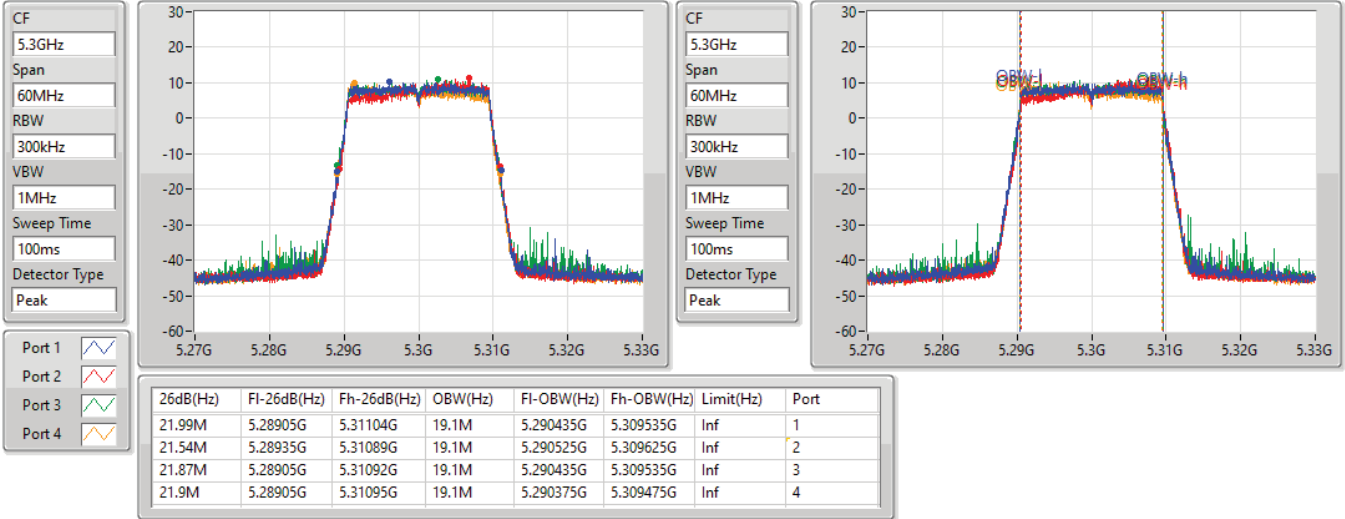
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.2492G	5.27092G	19.1M	5.250465G	5.269565G	Inf	1
21.69M	5.24911G	5.2708G	19.16M	5.250375G	5.269535G	Inf	2
21.87M	5.24908G	5.27095G	19.16M	5.250375G	5.269535G	Inf	3
21.75M	5.24908G	5.27083G	19.1M	5.250465G	5.269565G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5300MHz

30/06/2022

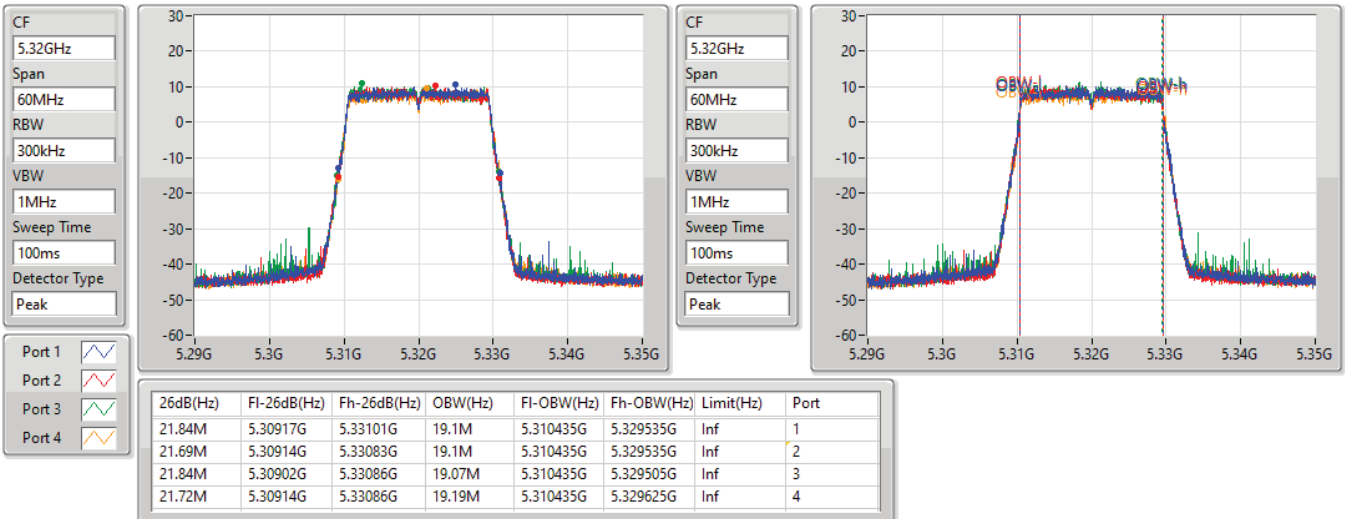


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5320MHz

30/06/2022



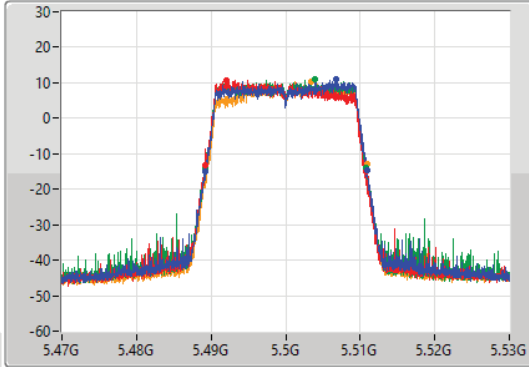
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

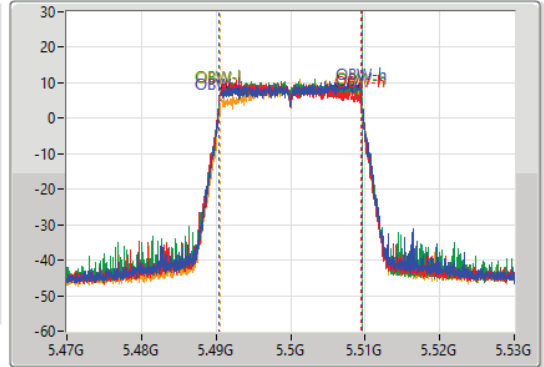
5500MHz

30/06/2022

CF
5.5GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.5GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.4892G	5.51101G	19.16M	5.490435G	5.509595G	Inf	1
21.63M	5.48914G	5.51077G	19.07M	5.490375G	5.509445G	Inf	2
21.6M	5.48917G	5.51077G	19.13M	5.490435G	5.509565G	Inf	3
21.69M	5.48926G	5.51095G	19.01M	5.490555G	5.509565G	Inf	4

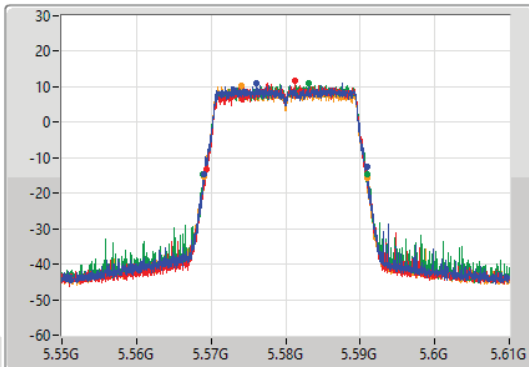
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

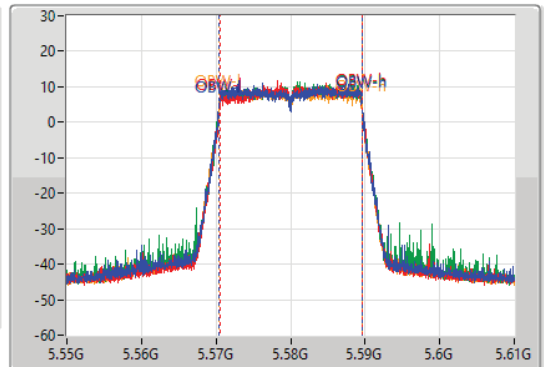
5580MHz

30/06/2022

CF
5.58GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.58GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.9M	5.56899G	5.59089G	19.16M	5.570405G	5.589565G	Inf	1
21.57M	5.56932G	5.59089G	19.07M	5.570495G	5.589565G	Inf	2
21.99M	5.5689G	5.59089G	19.19M	5.570405G	5.589595G	Inf	3
21.84M	5.56905G	5.59089G	19.16M	5.570405G	5.589565G	Inf	4

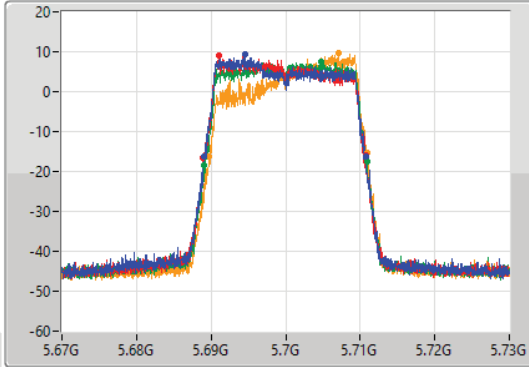
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

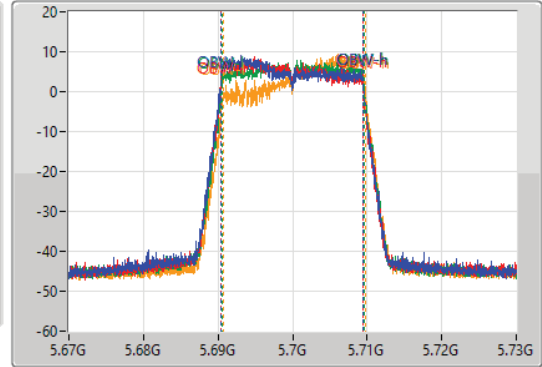
5700MHz

30/06/2022

CF
5.7GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.7GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	5.68905G	5.71083G	19.16M	5.690315G	5.709475G	Inf	1
21.78M	5.68896G	5.71074G	19.1M	5.690345G	5.709445G	Inf	2
21.81M	5.68908G	5.71089G	19.04M	5.690495G	5.709535G	Inf	3
21.24M	5.68977G	5.71101G	18.981M	5.690765G	5.709745G	Inf	4

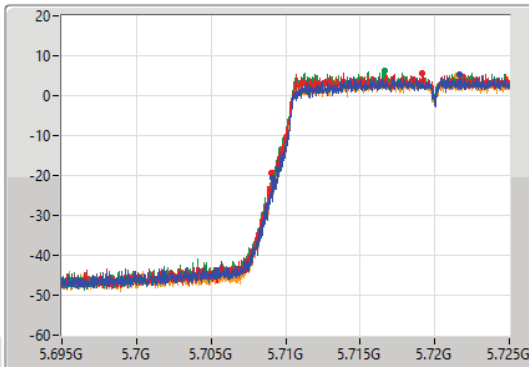
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

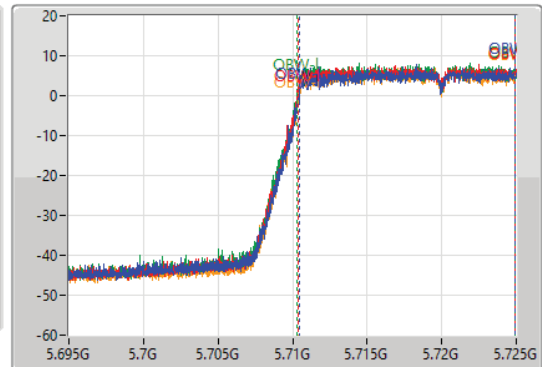
5720MHz Straddle 5.47-5.725GHz

30/06/2022

CF
5.71GHz
Span
30MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.71GHz
Span
30MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

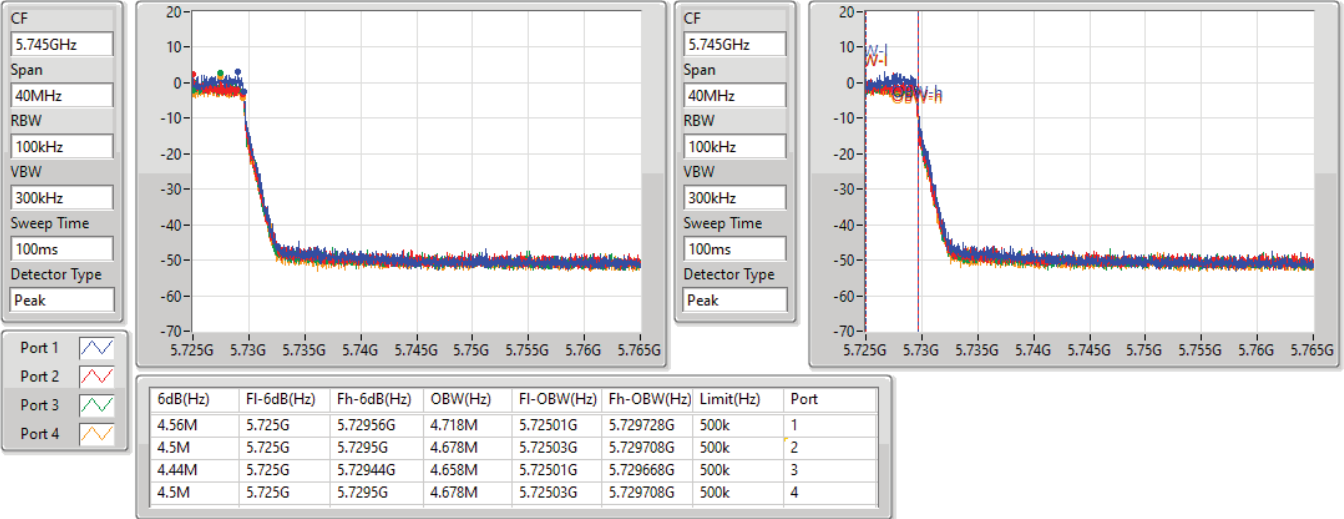
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.855M	5.709145G	5.725G	14.513M	5.71042G	5.724933G	Inf	1
15.96M	5.70904G	5.725G	14.588M	5.710345G	5.724933G	Inf	2
15.795M	5.709205G	5.725G	14.588M	5.71033G	5.724918G	Inf	3
15.765M	5.709235G	5.725G	14.543M	5.71039G	5.724933G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

30/06/2022

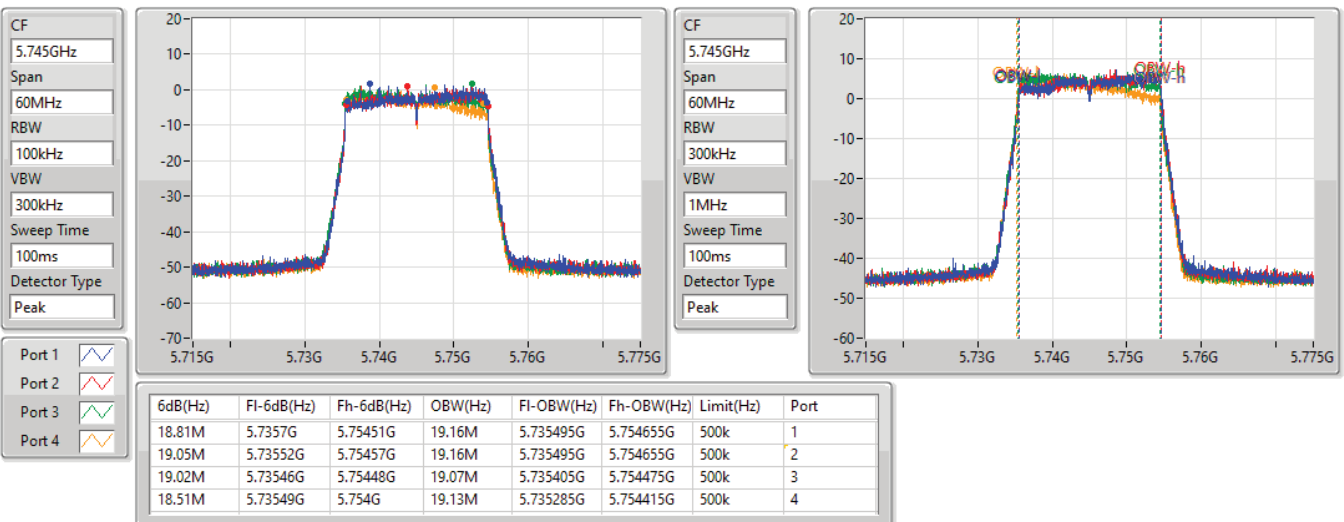


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5745MHz

30/06/2022



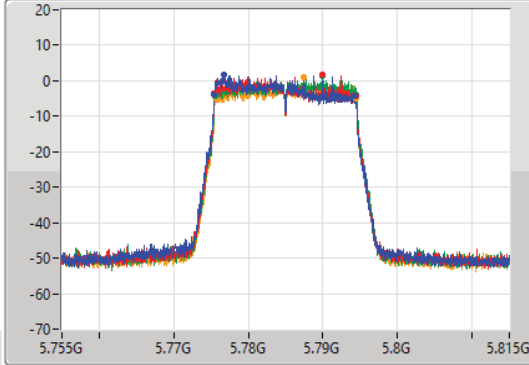
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

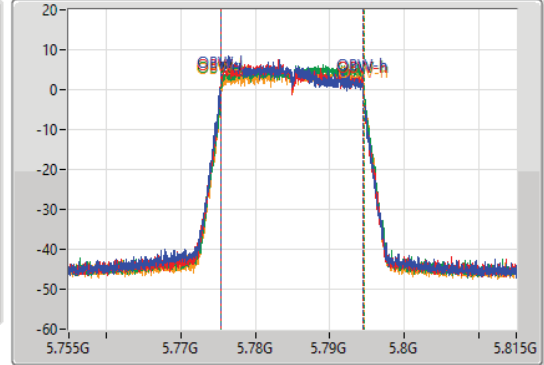
5785MHz

30/06/2022

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



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



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.87M	5.77537G	5.79424G	19.13M	5.775315G	5.794445G	500k	1
18.93M	5.77546G	5.79439G	19.19M	5.775315G	5.794505G	500k	2
18.99M	5.77552G	5.79451G	19.1M	5.775465G	5.794565G	500k	3
18.84M	5.77564G	5.79448G	19.1M	5.775465G	5.794565G	500k	4

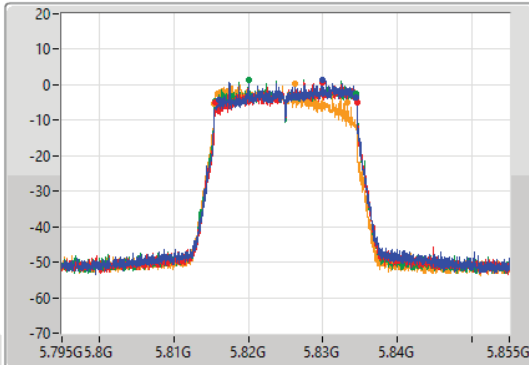
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

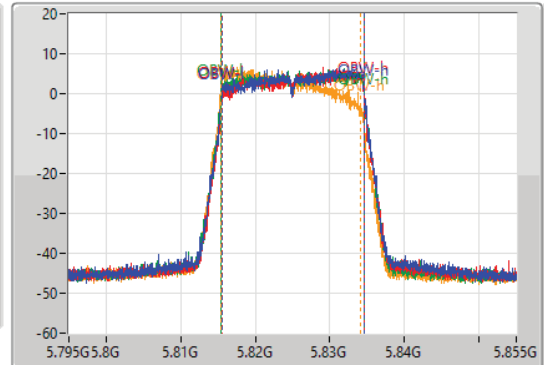
5825MHz

30/06/2022

CF
5.825GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.825GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

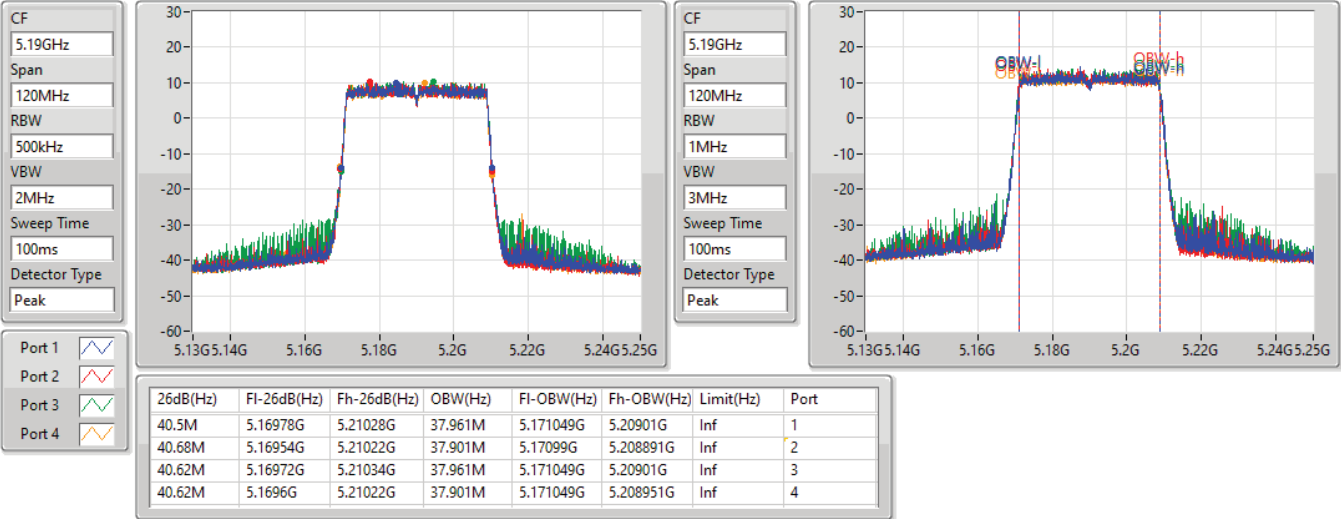
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.39M	5.81612G	5.83451G	19.13M	5.815495G	5.834625G	500k	1
18.93M	5.81564G	5.83457G	19.07M	5.815585G	5.834655G	500k	2
18.9M	5.81558G	5.83448G	19.13M	5.815465G	5.834595G	500k	3
17.82M	5.8154G	5.83322G	18.771M	5.815315G	5.834085G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5190MHz

01/07/2022

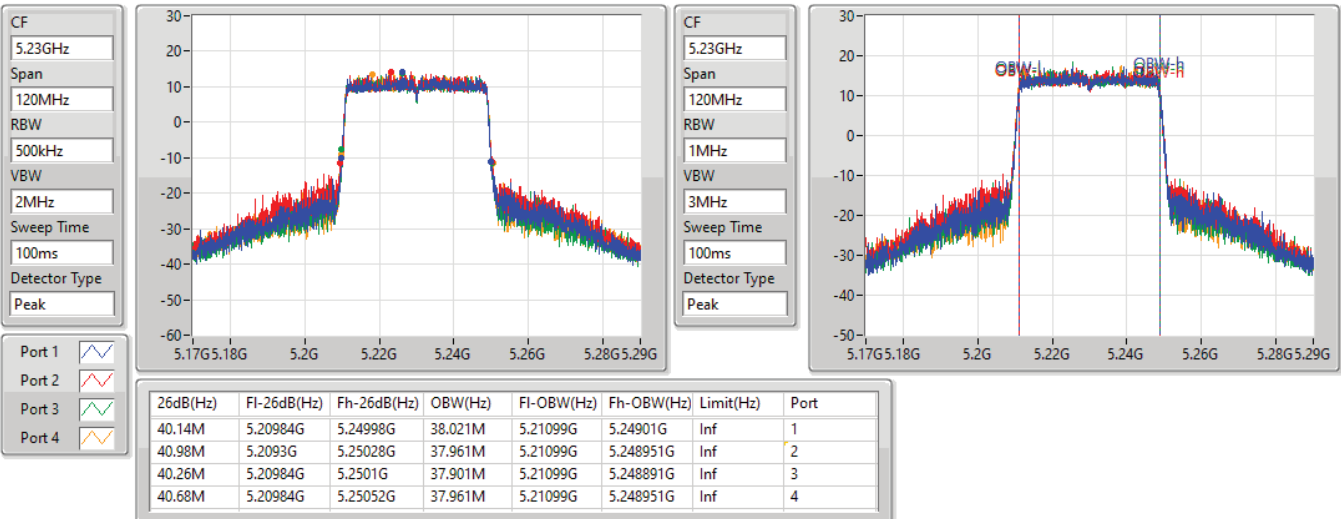


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5230MHz

06/12/2022



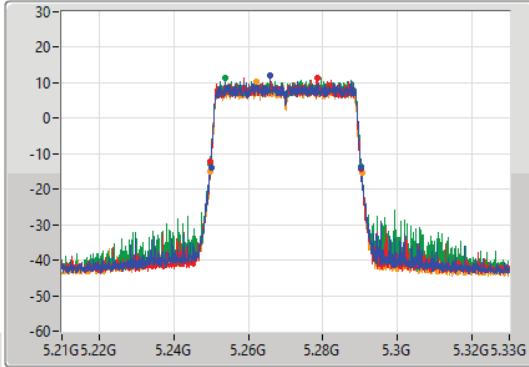
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

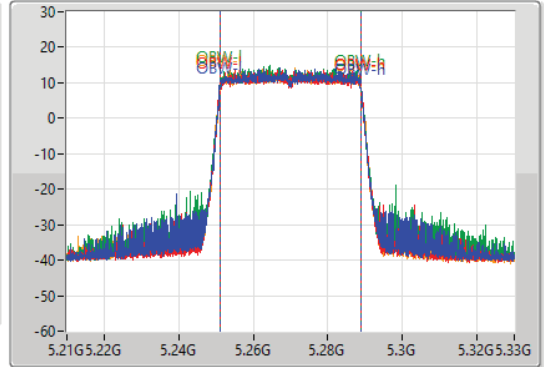
5270MHz

01/07/2022

CF
5.27GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.27GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.24996G	5.29028G	37.961M	5.25099G	5.288951G	Inf	1
40.32M	5.24984G	5.29016G	38.021M	5.25099G	5.28901G	Inf	2
40.5M	5.24978G	5.29028G	37.901M	5.251049G	5.288951G	Inf	3
40.68M	5.24972G	5.2904G	37.901M	5.251049G	5.288951G	Inf	4

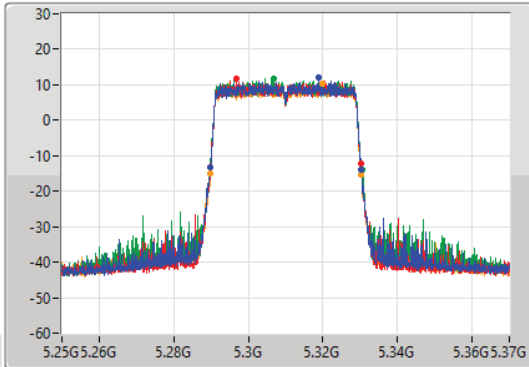
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

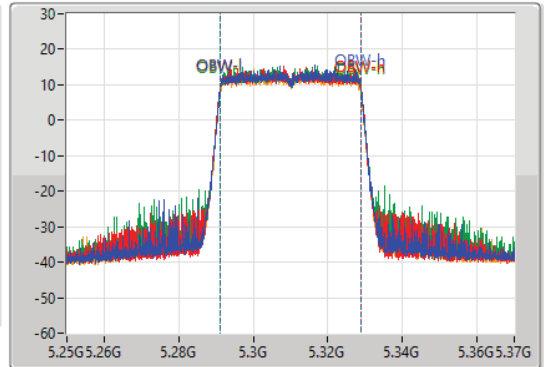
5310MHz

30/06/2022

CF
5.31GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.31GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.56M	5.28972G	5.33028G	37.961M	5.291049G	5.32901G	Inf	1
40.26M	5.28984G	5.3301G	37.961M	5.29099G	5.328951G	Inf	2
40.8M	5.28972G	5.33052G	37.961M	5.291049G	5.32901G	Inf	3
40.62M	5.28972G	5.33034G	37.961M	5.29099G	5.328951G	Inf	4

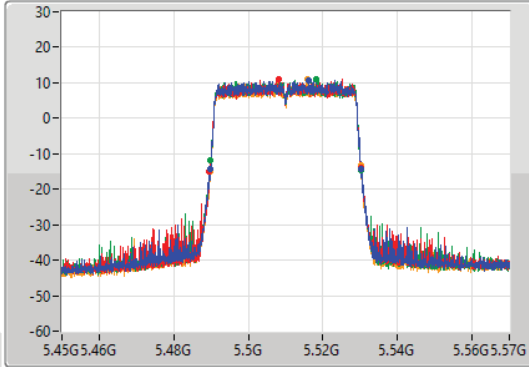
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

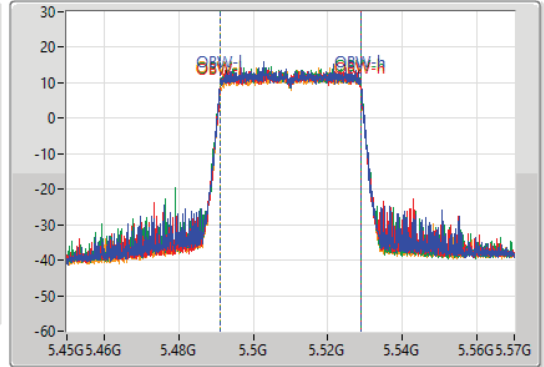
5510MHz

30/06/2022

CF
5.51GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.51GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	5.48978G	5.53022G	38.021M	5.49099G	5.52901G	Inf	1
40.68M	5.48954G	5.53022G	37.961M	5.49099G	5.528951G	Inf	2
40.44M	5.48972G	5.53016G	37.901M	5.491049G	5.528951G	Inf	3
40.5M	5.48978G	5.53028G	37.901M	5.491049G	5.528951G	Inf	4

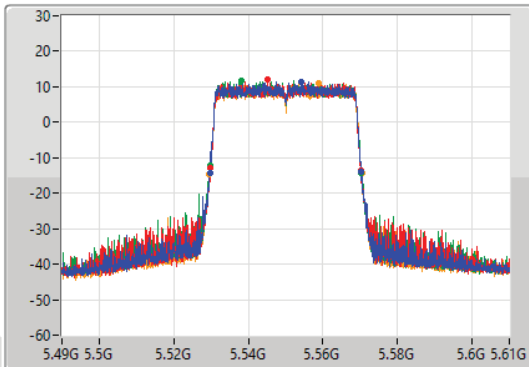
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

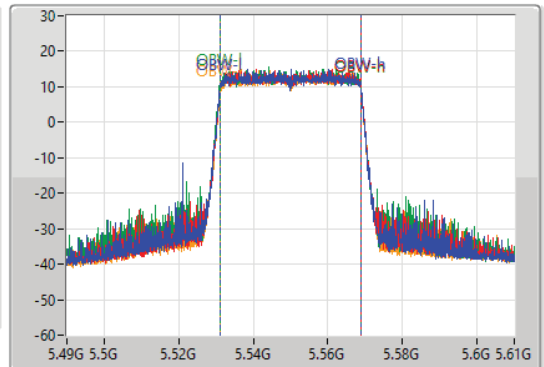
5550MHz

30/06/2022

CF
5.55GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.55GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.62M	5.52966G	5.57028G	37.961M	5.53099G	5.568951G	Inf	1
40.38M	5.52978G	5.57016G	37.901M	5.531049G	5.568951G	Inf	2
40.44M	5.52978G	5.57022G	37.961M	5.53099G	5.568951G	Inf	3
40.8M	5.5296G	5.5704G	37.901M	5.531049G	5.568951G	Inf	4

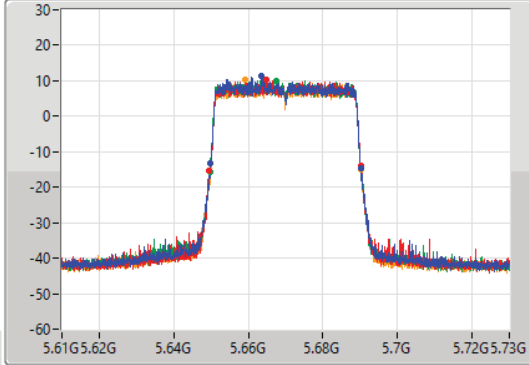
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

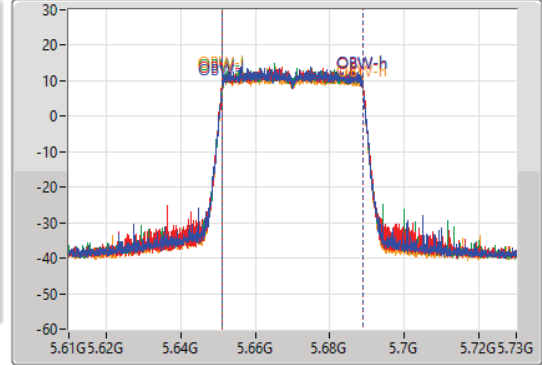
5670MHz

30/06/2022

CF: 5.67GHz
 Span: 120MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.67GHz
 Span: 120MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Peak



Port 1
 Port 2
 Port 3
 Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	5.64978G	5.69028G	37.841M	5.651049G	5.688891G	Inf	1
41.04M	5.6493G	5.69034G	37.961M	5.65099G	5.688951G	Inf	2
40.56M	5.64978G	5.69034G	37.901M	5.651049G	5.688951G	Inf	3
40.44M	5.64972G	5.69016G	37.961M	5.65099G	5.688951G	Inf	4

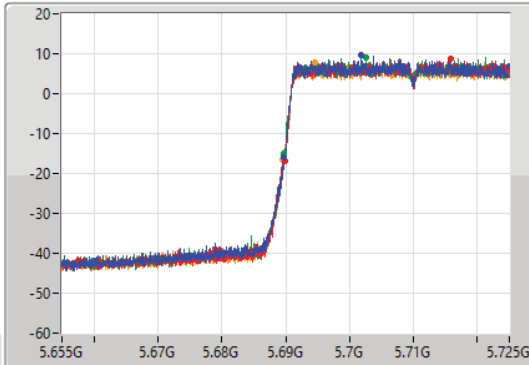
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

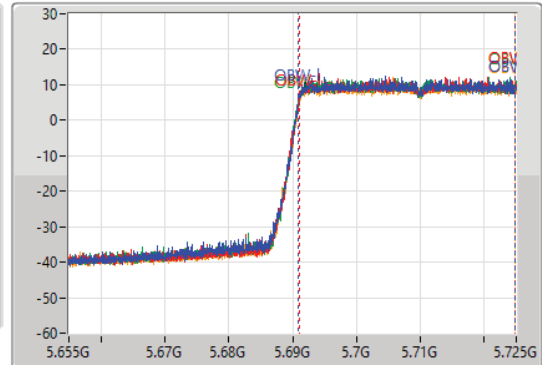
5710MHz Straddle 5.47-5.725GHz

30/06/2022

CF: 5.69GHz
 Span: 70MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.69GHz
 Span: 70MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Peak



Port 1
 Port 2
 Port 3
 Port 4

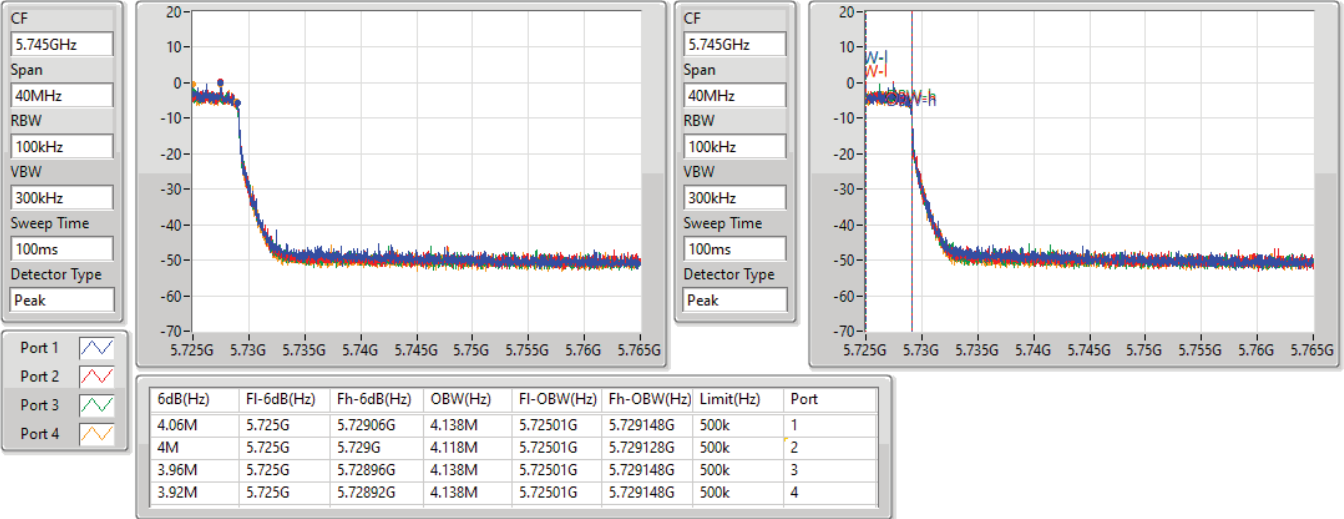
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.21M	5.68979G	5.725G	33.863M	5.690945G	5.724808G	Inf	1
35.175M	5.689825G	5.725G	33.863M	5.69098G	5.724843G	Inf	2
35.35M	5.68965G	5.725G	33.898M	5.690945G	5.724843G	Inf	3
35.56M	5.68944G	5.725G	33.828M	5.69098G	5.724808G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

30/06/2022

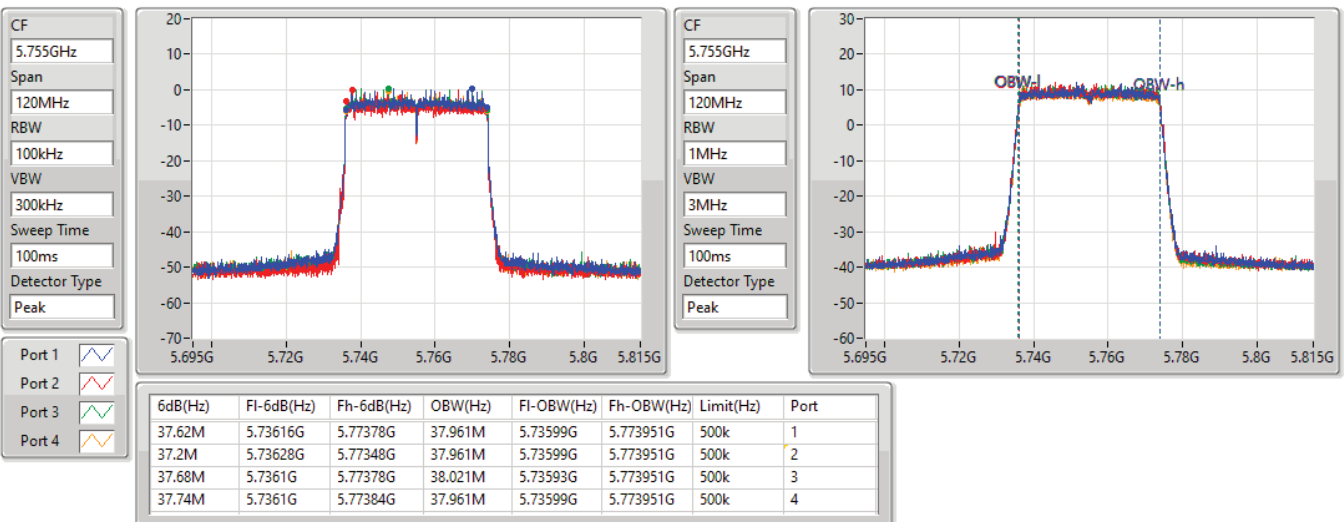


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5755MHz

30/06/2022



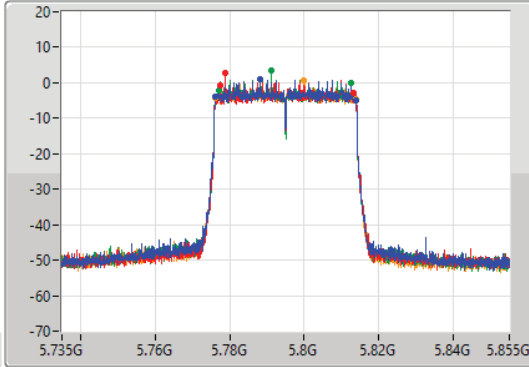
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

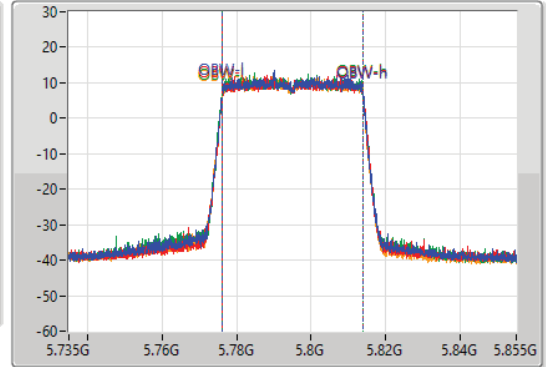
5795MHz

30/06/2022

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



CF
5.795GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.62M	5.77622G	5.81384G	37.961M	5.776049G	5.81401G	500k	1
35.76M	5.77748G	5.81324G	37.961M	5.776049G	5.81401G	500k	2
35.34M	5.77712G	5.81246G	37.961M	5.77599G	5.813951G	500k	3
37.56M	5.77616G	5.81372G	38.021M	5.77599G	5.81401G	500k	4

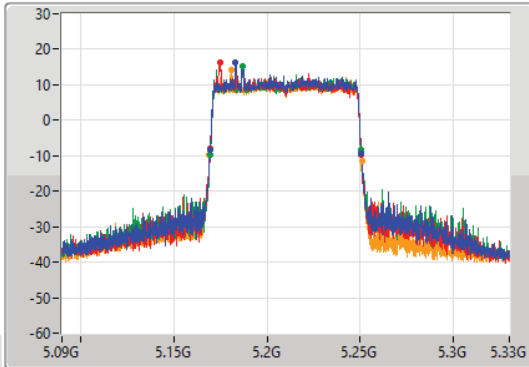
802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

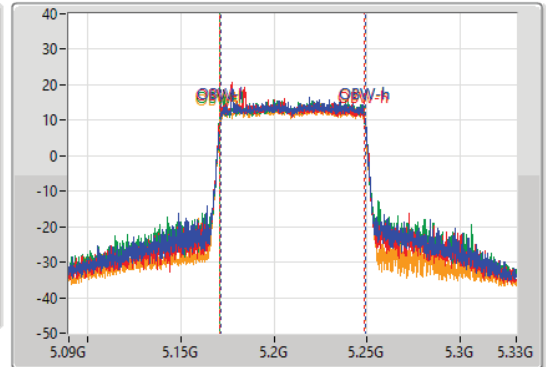
5210MHz

30/06/2022

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.12M	5.16956G	5.25068G	77.601M	5.171259G	5.248861G	Inf	1
81.24M	5.16932G	5.25056G	77.601M	5.171139G	5.248741G	Inf	2
81.36M	5.16932G	5.25068G	77.721M	5.171139G	5.248861G	Inf	3
81.72M	5.1692G	5.25092G	77.721M	5.171139G	5.248861G	Inf	4

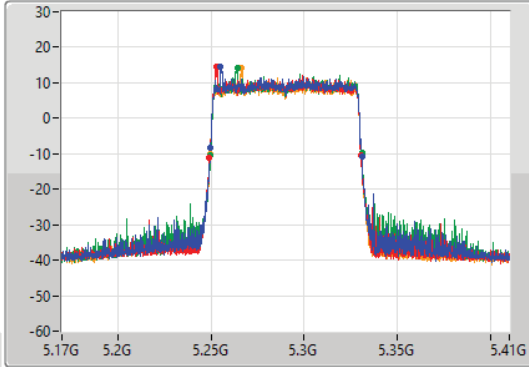
802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

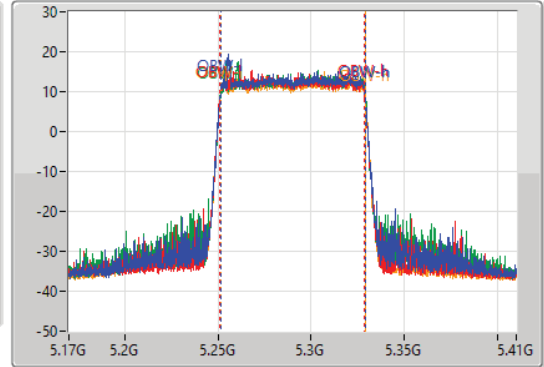
5290MHz

30/06/2022

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.24944G	5.33116G	77.481M	5.251379G	5.328861G	Inf	1
81.36M	5.2492G	5.33056G	77.601M	5.251139G	5.328741G	Inf	2
81.24M	5.24956G	5.3308G	77.601M	5.251259G	5.328861G	Inf	3
81.24M	5.24944G	5.33068G	77.601M	5.251259G	5.328861G	Inf	4

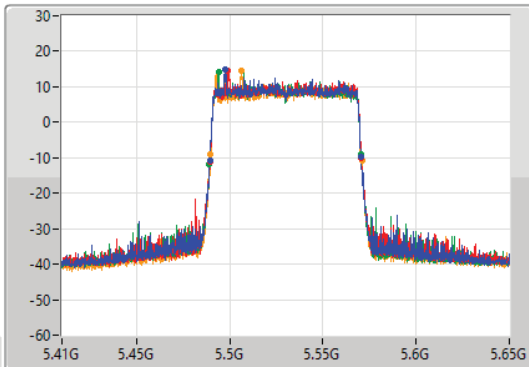
802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

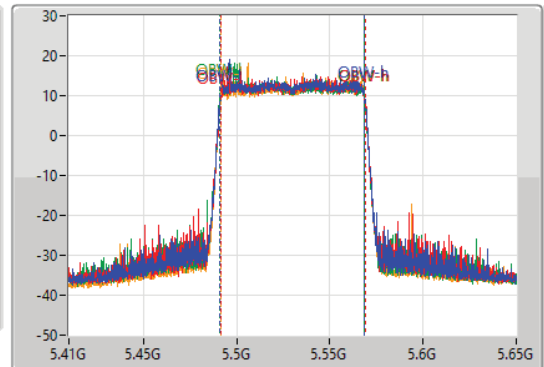
5530MHz

30/06/2022

CF
5.53GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.53GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.88M	5.48956G	5.57044G	77.601M	5.491139G	5.568741G	Inf	1
81.12M	5.48944G	5.57056G	77.481M	5.491379G	5.568861G	Inf	2
81.36M	5.4892G	5.57056G	77.601M	5.491139G	5.568741G	Inf	3
81.24M	5.48956G	5.5708G	77.481M	5.491379G	5.568861G	Inf	4

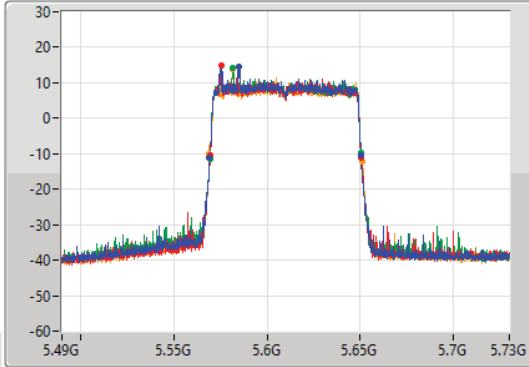
802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

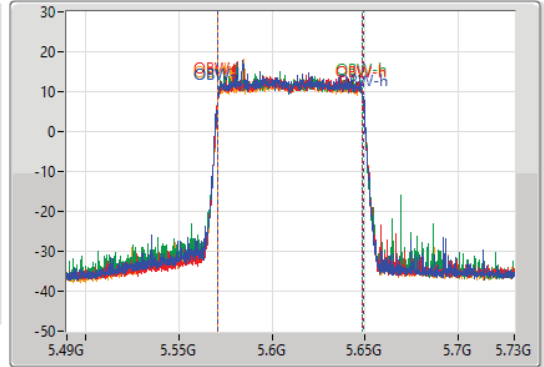
5610MHz

30/06/2022

CF
5.61GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.61GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	5.5692G	5.65056G	77.721M	5.571139G	5.648861G	Inf	1
80.88M	5.56956G	5.65044G	77.601M	5.571139G	5.648741G	Inf	2
81.24M	5.56932G	5.65056G	77.601M	5.571139G	5.648741G	Inf	3
81.72M	5.56908G	5.6508G	77.601M	5.571139G	5.648741G	Inf	4

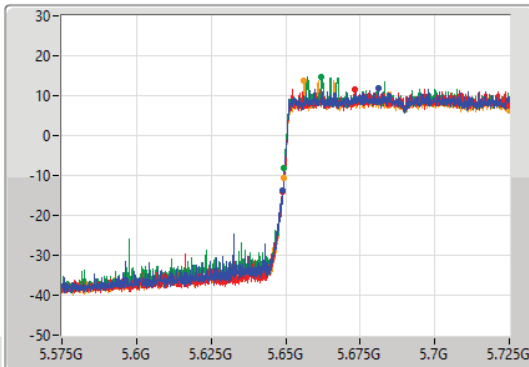
802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

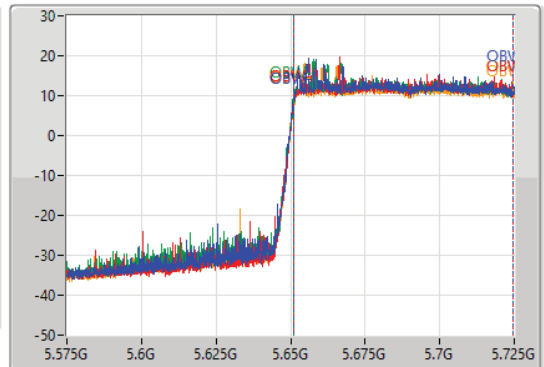
5690MHz Straddle 5.47-5.725GHz

30/06/2022

CF
5.65GHz
Span
150MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.65GHz
Span
150MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.125M	5.648875G	5.725G	73.388M	5.651124G	5.724513G	Inf	1
76.2M	5.6488G	5.725G	73.388M	5.651199G	5.724588G	Inf	2
75.525M	5.649475G	5.725G	73.388M	5.651124G	5.724513G	Inf	3
75.6M	5.6494G	5.725G	73.463M	5.651049G	5.724513G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

30/06/2022

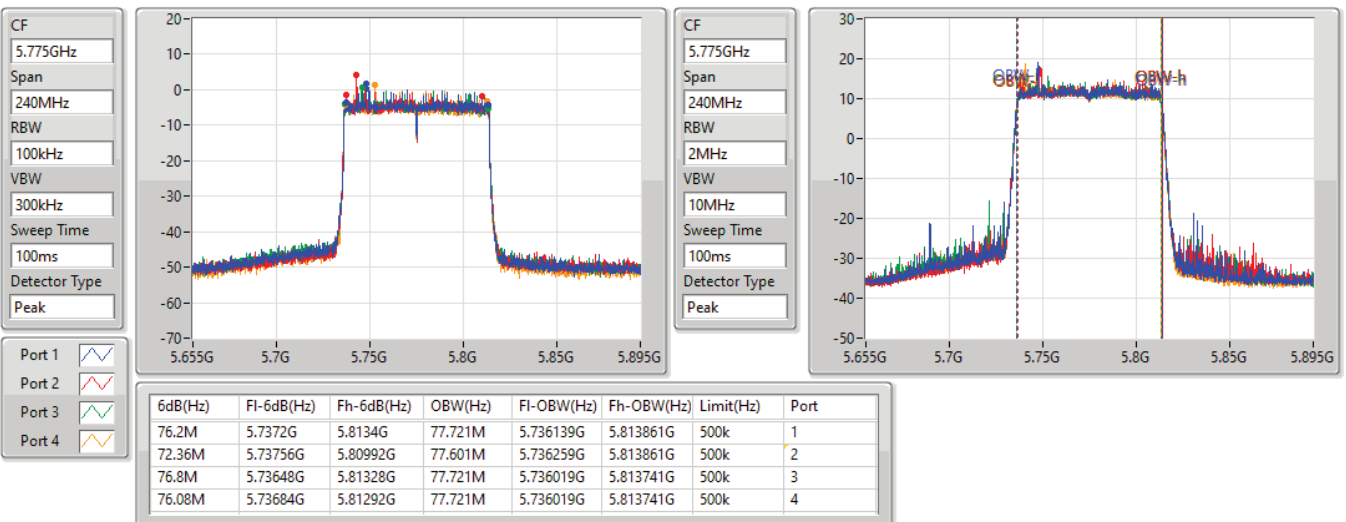


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5775MHz

30/06/2022

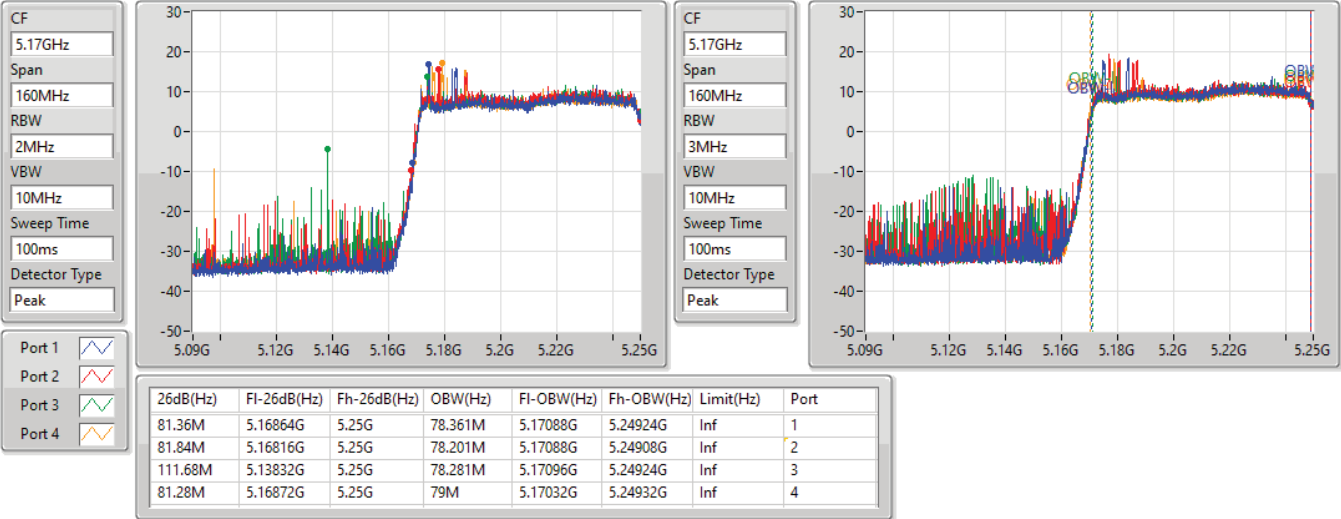


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

30/06/2022

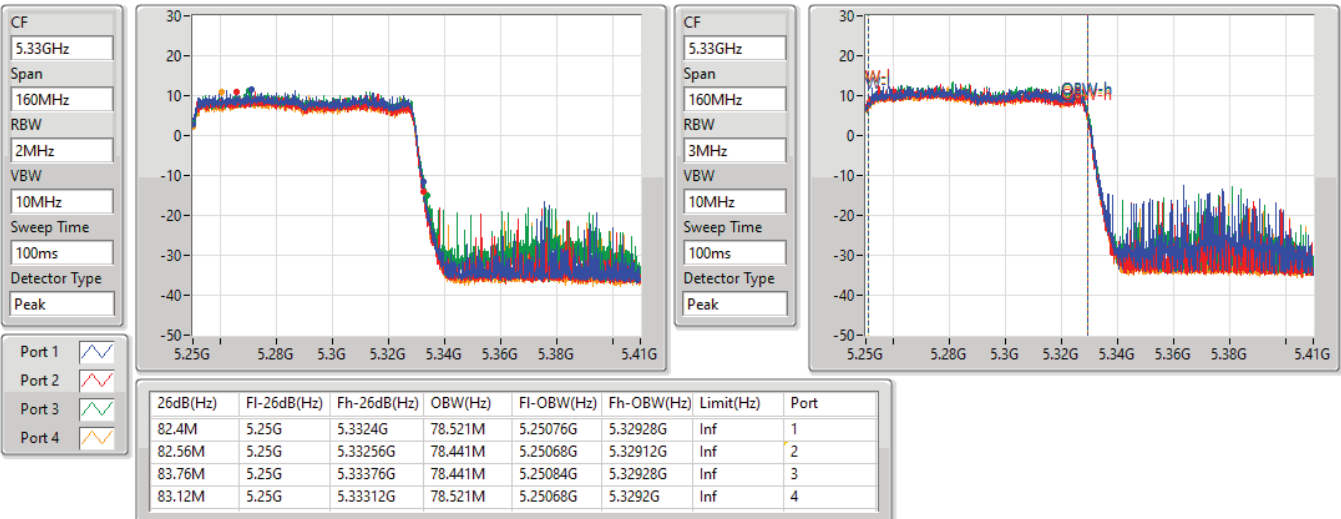


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

30/06/2022

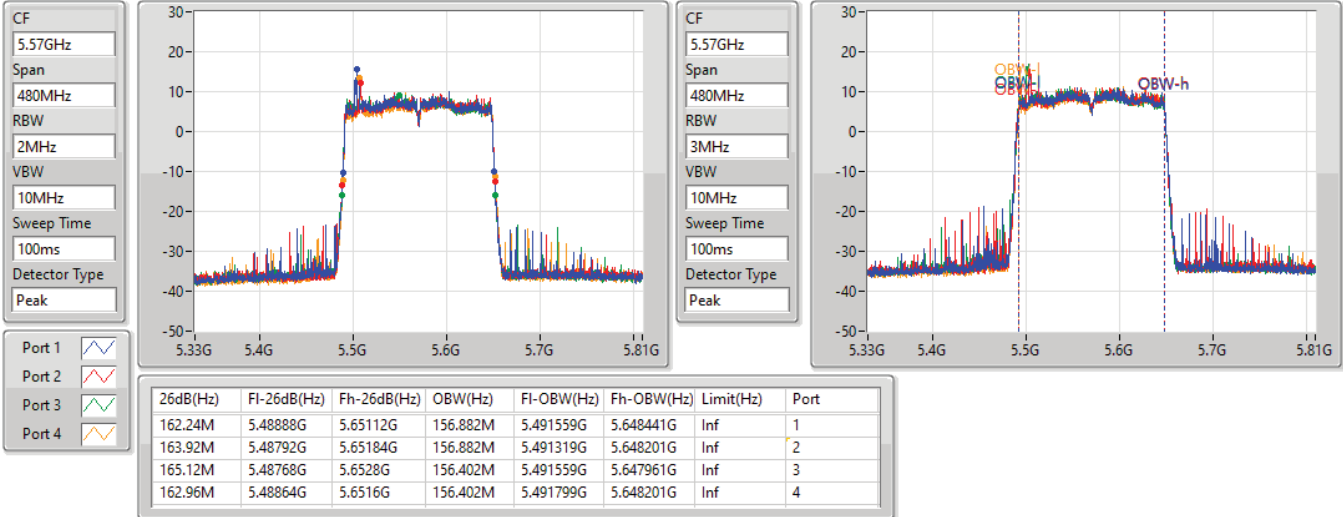


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

5570MHz

30/06/2022





Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	27.06	0.50816	29.93	0.98401
802.11ax HEW20_Nss1,(MCS0)_4TX	27.13	0.51642	30.00	1.00000
802.11ax HEW40_Nss1,(MCS0)_4TX	26.98	0.49888	29.85	0.96605
802.11ax HEW80_Nss1,(MCS0)_4TX	22.96	0.19770	25.83	0.38282
802.11ax HEW160_Nss1,(MCS0)_4TX	18.47	0.07031	21.34	0.13614
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	23.43	0.22029	26.18	0.41495
802.11ax HEW20_Nss1,(MCS0)_4TX	23.90	0.24547	26.65	0.46238
802.11ax HEW40_Nss1,(MCS0)_4TX	23.72	0.23550	26.47	0.44361
802.11ax HEW80_Nss1,(MCS0)_4TX	23.79	0.23933	26.54	0.45082
802.11ax HEW160_Nss1,(MCS0)_4TX	18.48	0.07047	21.23	0.13274
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	23.57	0.22751	26.46	0.44259
802.11ax HEW20_Nss1,(MCS0)_4TX	23.80	0.23988	26.69	0.46666
802.11ax HEW40_Nss1,(MCS0)_4TX	23.87	0.24378	26.76	0.47424
802.11ax HEW80_Nss1,(MCS0)_4TX	23.71	0.23496	26.60	0.45709
802.11ax HEW160_Nss1,(MCS0)_4TX	21.28	0.13428	24.17	0.26122
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	18.03	0.06353	20.46	0.11117
802.11ax HEW20_Nss1,(MCS0)_4TX	18.74	0.07482	21.17	0.13092
802.11ax HEW40_Nss1,(MCS0)_4TX	19.67	0.09268	22.10	0.16218
802.11ax HEW80_Nss1,(MCS0)_4TX	20.78	0.11967	23.21	0.20941



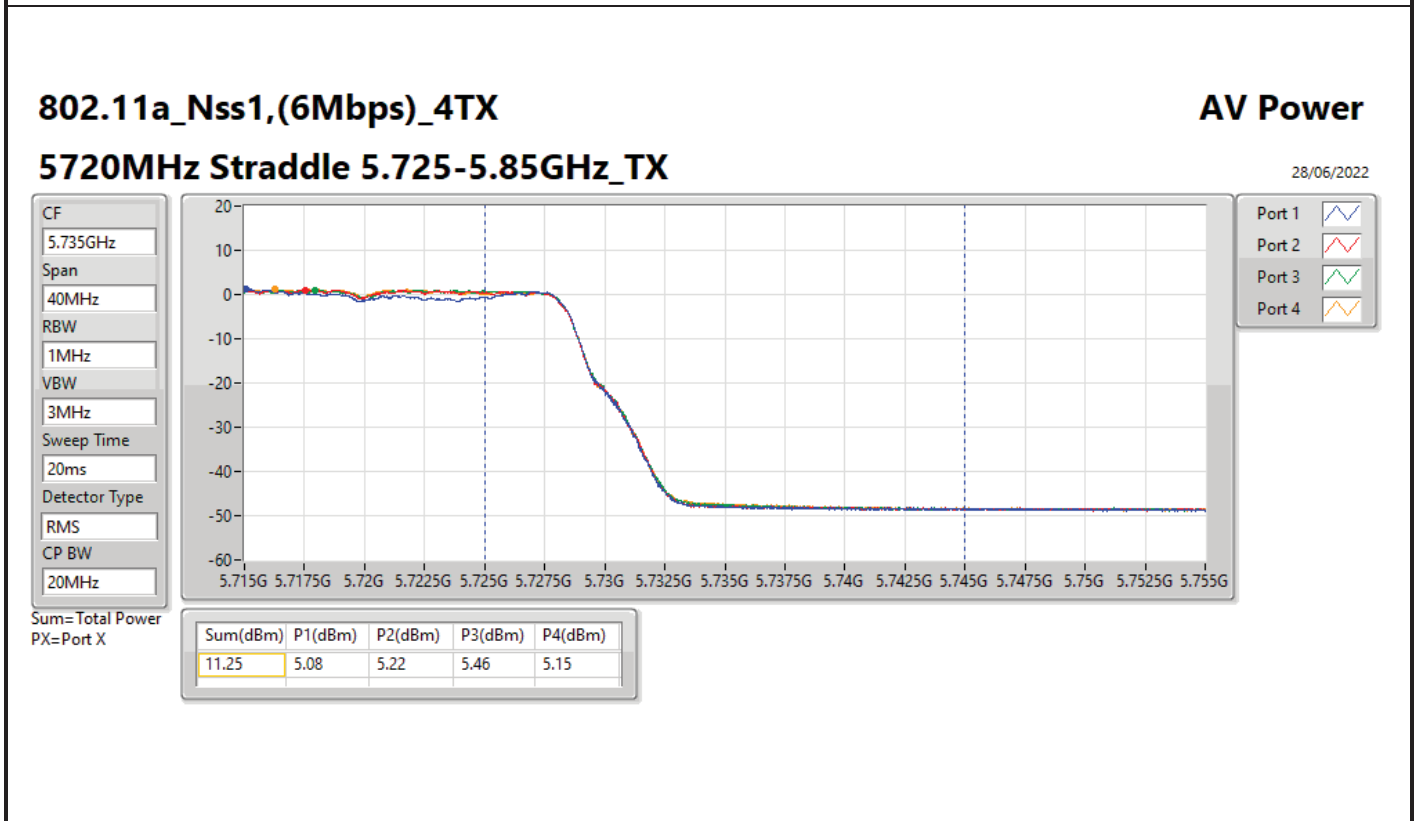
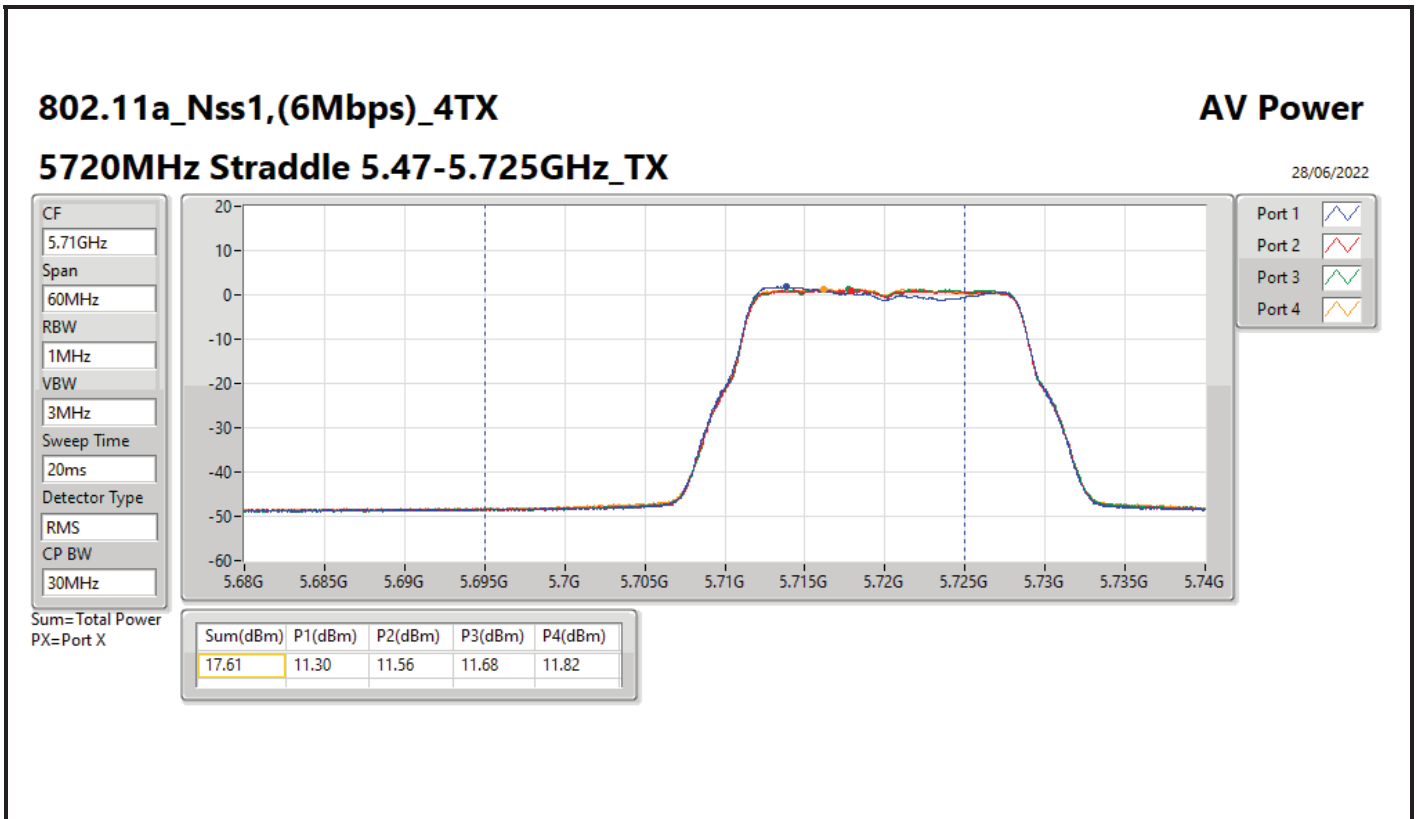
Average Power_Non-Beamforming

Appendix B.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	20.54	20.00	19.99	20.74	26.35	30.00	29.22	36.00
5200MHz	Pass	2.87	20.97	20.89	20.99	20.81	26.94	30.00	29.81	36.00
5240MHz	Pass	2.87	21.01	20.93	21.07	21.15	27.06	30.00	29.93	36.00
5260MHz	Pass	2.75	16.73	17.02	16.84	17.14	22.96	23.98	25.71	30.00
5300MHz	Pass	2.75	17.04	17.51	17.19	17.58	23.36	23.98	26.11	30.00
5320MHz	Pass	2.75	17.07	17.39	17.32	17.83	23.43	23.98	26.18	30.00
5500MHz	Pass	2.89	17.40	17.61	17.52	17.67	23.57	23.98	26.46	30.00
5580MHz	Pass	2.89	17.05	17.37	17.26	17.27	23.26	23.98	26.15	30.00
5700MHz	Pass	2.89	11.85	12.16	12.51	12.51	18.29	23.98	21.18	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.89	11.30	11.56	11.68	11.82	17.61	22.95	20.50	28.95
5720MHz Straddle 5.725-5.85GHz	Pass	2.43	5.08	5.22	5.46	5.15	11.25	30.00	13.68	36.00
5745MHz	Pass	2.43	11.59	12.12	12.07	12.22	18.03	30.00	20.46	36.00
5785MHz	Pass	2.43	10.93	11.39	11.51	11.58	17.38	30.00	19.81	36.00
5825MHz	Pass	2.43	10.65	11.27	11.00	11.54	17.15	30.00	19.58	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	2.87	19.53	19.29	19.12	19.82	25.47	30.00	28.34	36.00
5200MHz	Pass	2.87	21.05	20.97	21.18	21.22	27.13	30.00	30.00	36.00
5240MHz	Pass	2.87	21.06	20.82	20.94	21.09	27.00	30.00	29.87	36.00
5260MHz	Pass	2.75	17.72	17.93	17.54	18.05	23.83	23.98	26.58	30.00
5300MHz	Pass	2.75	17.62	17.93	17.78	18.16	23.90	23.98	26.65	30.00
5320MHz	Pass	2.75	17.23	17.42	17.30	17.54	23.39	23.98	26.14	30.00
5500MHz	Pass	2.89	17.92	17.93	17.57	17.68	23.80	23.98	26.69	30.00
5580MHz	Pass	2.89	15.73	16.14	15.73	16.09	21.95	23.98	24.84	30.00
5700MHz	Pass	2.89	13.10	13.24	13.37	13.47	19.32	23.98	22.21	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.89	12.13	12.18	12.40	12.58	18.35	22.96	21.24	28.96
5720MHz Straddle 5.725-5.85GHz	Pass	2.43	7.05	7.02	7.29	7.26	13.18	30.00	15.61	36.00
5745MHz	Pass	2.43	12.49	12.81	12.70	12.87	18.74	30.00	21.17	36.00
5785MHz	Pass	2.43	12.39	12.73	12.78	12.88	18.72	30.00	21.15	36.00
5825MHz	Pass	2.43	12.13	12.53	12.34	12.66	18.44	30.00	20.87	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	2.87	17.33	17.39	17.40	17.52	23.43	30.00	26.30	36.00
5230MHz	Pass	2.87	20.93	21.08	20.84	20.97	26.98	30.00	29.85	36.00
5270MHz	Pass	2.75	17.28	17.54	17.10	17.39	23.35	23.98	26.10	30.00
5310MHz	Pass	2.75	17.71	18.14	16.99	17.87	23.72	23.98	26.47	30.00
5510MHz	Pass	2.89	17.63	18.07	17.71	17.98	23.87	23.98	26.76	30.00
5550MHz	Pass	2.89	17.25	17.47	17.33	17.22	23.34	23.98	26.23	30.00
5670MHz	Pass	2.89	15.01	14.95	14.81	15.25	21.03	23.98	23.92	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	2.89	12.87	13.38	13.12	13.22	19.17	23.98	22.06	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	2.43	3.13	3.67	3.79	3.63	9.58	30.00	12.01	36.00
5755MHz	Pass	2.43	13.49	13.49	13.60	14.01	19.67	30.00	22.10	36.00
5795MHz	Pass	2.43	12.60	12.71	12.64	13.22	18.82	30.00	21.25	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	2.87	16.72	17.18	16.90	16.93	22.96	30.00	25.83	36.00
5290MHz	Pass	2.75	17.63	17.92	17.54	17.98	23.79	23.98	26.54	30.00
5530MHz	Pass	2.89	17.80	17.67	17.53	17.76	23.71	23.98	26.60	30.00
5610MHz	Pass	2.89	17.04	17.35	16.96	17.55	23.25	23.98	26.14	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	2.89	15.41	15.77	15.69	15.80	21.69	23.98	24.58	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	2.43	1.96	2.64	2.73	2.70	8.54	30.00	10.97	36.00
5775MHz	Pass	2.43	14.46	14.80	14.83	14.92	20.78	30.00	23.21	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	2.87	12.07	12.46	12.81	12.44	18.47	30.00	21.34	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	2.75	12.43	12.94	11.86	12.52	18.48	23.98	21.23	30.00
5570MHz	Pass	2.89	15.41	14.94	15.32	15.36	21.28	23.98	24.17	30.00

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





802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

28/06/2022

CF
5.71GHz

Span
60MHz

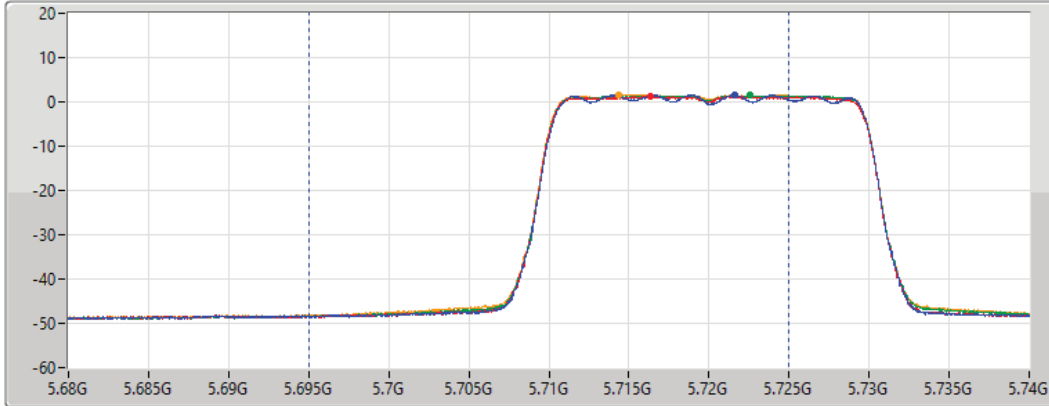
RBW
1MHz

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)
18.35	12.13	12.18	12.40	12.58

802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

28/06/2022

CF
5.735GHz

Span
40MHz

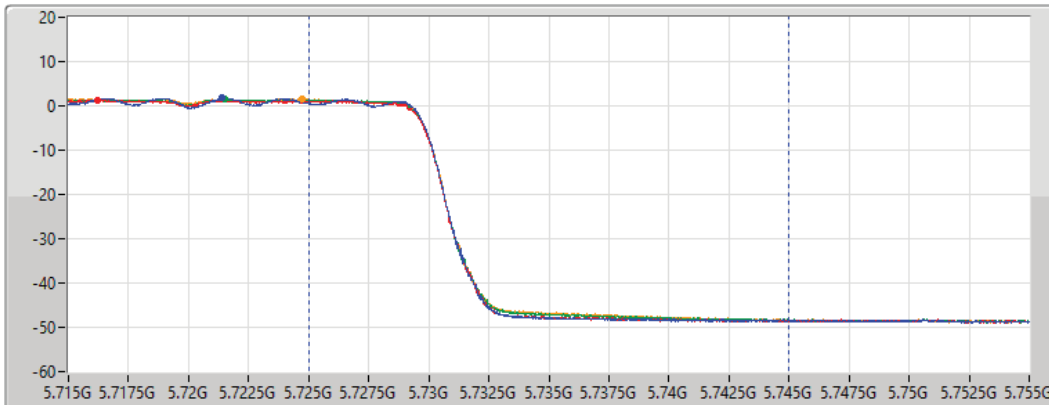
RBW
1MHz

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)
13.18	7.05	7.02	7.29	7.26



802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TX

29/06/2022

CF
5.69GHz

Span
140MHz

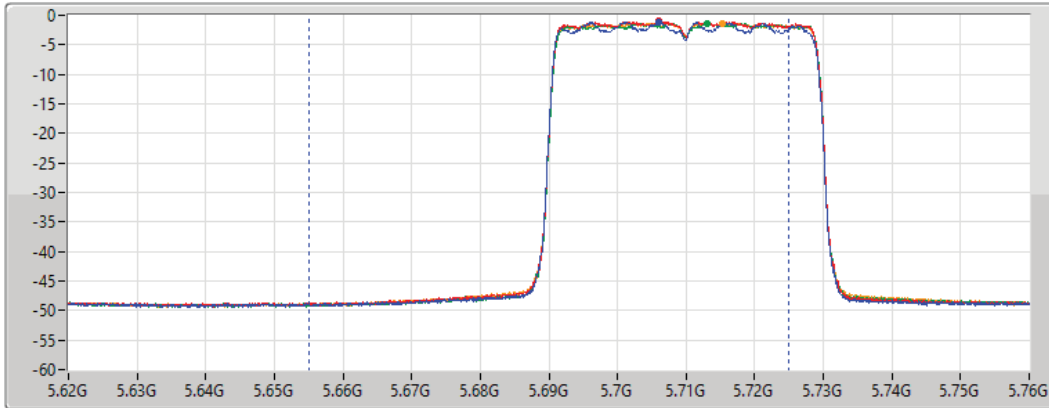
RBW
1MHz

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)
19.17	12.87	13.38	13.12	13.22

802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

29/06/2022

CF
5.735GHz

Span
40MHz

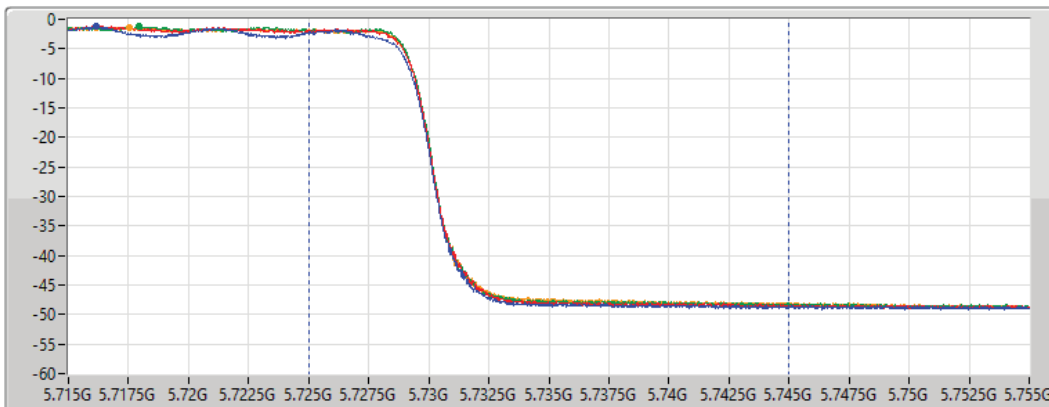
RBW
1MHz

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)
9.58	3.13	3.67	3.79	3.63



802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

29/06/2022

CF
5.65GHz

Span
300MHz

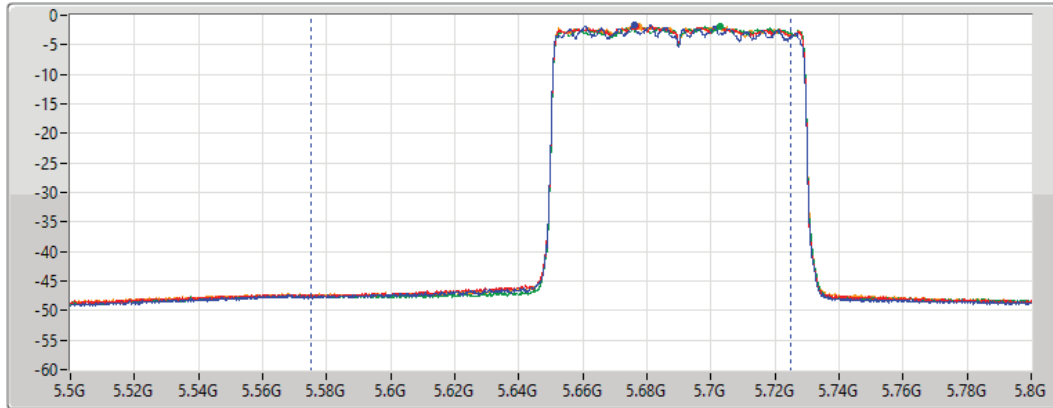
RBW
1MHz

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)
21.69	15.41	15.77	15.69	15.80

802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

29/06/2022

CF
5.735GHz

Span
40MHz

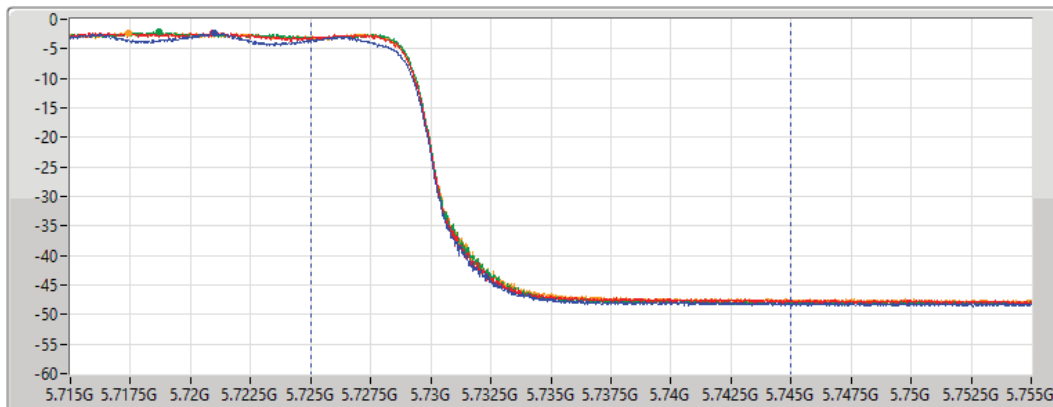
RBW
1MHz

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)
8.54	1.96	2.64	2.73	2.70

802.11ax HEW160_Nss1,(MCS0)_4TX
5250MHz Straddle 5.15-5.25GHz_TX

AV Power

29/06/2022

CF
5.17GHz

Span
320MHz

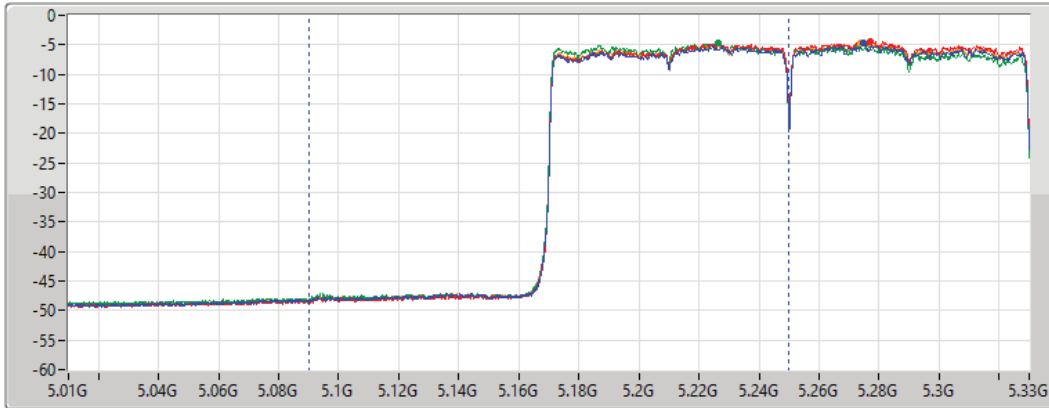
RBW
1MHz


VBW
3MHz


Sweep Time
20ms


Detector Type
RMS


CP BW
160MHz



Port 1 

Port 2 

Port 3 

Port 4 

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.47	12.07	12.46	12.81	12.44

802.11ax HEW160_Nss1,(MCS0)_4TX
5250MHz Straddle 5.25-5.35GHz_TX

AV Power

29/06/2022

CF
5.33GHz

Span
320MHz

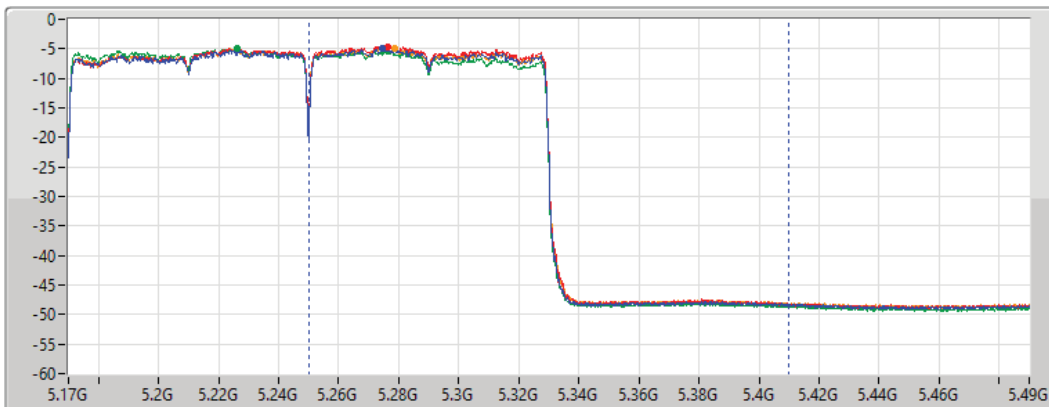
RBW
1MHz


VBW
3MHz


Sweep Time
20ms


Detector Type
RMS


CP BW
160MHz



Port 1 

Port 2 

Port 3 

Port 4 

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.48	12.43	12.94	11.86	12.52



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.15	0.51880	30.92	1.23595
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	27.08	0.51050	30.85	1.21619
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.24	0.26546	28.01	0.63241
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	19.09	0.08110	22.86	0.19320
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.13	0.20559	26.49	0.44566
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.53	0.22542	26.89	0.48865
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.82	0.24099	27.18	0.52240
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	19.45	0.08810	22.81	0.19099
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.40	0.21878	28.56	0.71779
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.89	0.24491	29.05	0.80353
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.58	0.22803	28.74	0.74817
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	20.63	0.11561	25.79	0.37931
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.15	0.08222	23.00	0.19953
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.05	0.12735	24.90	0.30903
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.07	0.20277	26.92	0.49204



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	20.11	19.08	19.74	19.52	25.65	30.00	29.42	36.00
5200MHz	Pass	3.77	21.09	20.61	21.54	21.07	27.11	30.00	30.88	36.00
5240MHz	Pass	3.77	21.78	21.57	19.63	21.25	27.15	30.00	30.92	36.00
5260MHz	Pass	3.36	16.76	14.95	16.34	16.35	22.17	23.98	25.53	30.00
5300MHz	Pass	3.36	17.81	16.83	17.58	15.99	23.13	23.98	26.49	30.00
5320MHz	Pass	3.36	16.67	16.60	17.51	16.44	22.85	23.98	26.21	30.00
5500MHz	Pass	5.16	17.64	16.69	17.68	16.77	23.24	23.98	28.40	30.00
5580MHz	Pass	5.16	17.85	17.14	16.99	17.49	23.40	23.98	28.56	30.00
5700MHz	Pass	5.16	15.01	15.12	14.09	14.39	20.69	23.98	25.85	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.16	12.88	13.76	13.97	12.80	19.40	22.98	24.56	28.98
5720MHz Straddle 5.725-5.85GHz	Pass	3.85	10.08	8.41	8.08	7.75	14.70	30.00	18.55	36.00
5745MHz	Pass	3.85	13.71	12.60	13.79	11.58	19.03	30.00	22.88	36.00
5785MHz	Pass	3.85	13.85	12.54	13.23	12.77	19.15	30.00	23.00	36.00
5825MHz	Pass	3.85	12.22	12.77	12.14	12.19	18.36	30.00	22.21	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.77	16.43	16.74	17.47	16.28	22.78	30.00	26.55	36.00
5230MHz	Pass	3.77	21.05	21.19	20.92	21.06	27.08	30.00	30.85	36.00
5270MHz	Pass	3.36	17.27	17.53	17.17	16.56	23.17	23.98	26.53	30.00
5310MHz	Pass	3.36	17.70	17.49	17.86	16.93	23.53	23.98	26.89	30.00
5510MHz	Pass	5.16	17.04	16.84	16.89	16.59	22.86	23.98	28.02	30.00
5550MHz	Pass	5.16	17.85	17.87	17.76	18.01	23.89	23.98	29.05	30.00
5670MHz	Pass	5.16	17.29	16.50	16.48	15.92	22.60	23.98	27.76	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.16	15.03	14.96	15.11	14.37	20.90	23.98	26.06	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.85	5.18	5.33	5.07	4.77	11.11	30.00	14.96	36.00
5755MHz	Pass	3.85	14.65	14.19	14.57	14.19	20.43	30.00	24.28	36.00
5795MHz	Pass	3.85	15.15	15.56	14.48	14.86	21.05	30.00	24.90	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.77	18.56	18.25	18.45	17.53	24.24	30.00	28.01	36.00
5290MHz	Pass	3.36	17.93	18.20	18.00	16.99	23.82	23.98	27.18	30.00
5530MHz	Pass	5.16	18.17	17.34	17.83	16.77	23.58	23.98	28.74	30.00
5610MHz	Pass	5.16	17.11	16.81	16.29	15.64	22.52	23.98	27.68	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.16	17.61	17.29	17.84	17.16	23.50	23.98	28.66	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.85	4.22	3.62	4.38	3.37	9.94	30.00	13.79	36.00
5775MHz	Pass	3.85	16.79	16.92	17.76	16.64	23.07	30.00	26.92	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.77	12.69	13.83	12.99	12.68	19.09	30.00	22.86	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.36	13.63	13.53	12.99	13.52	19.45	23.98	22.81	30.00
5570MHz	Pass	5.16	14.78	14.81	14.47	14.38	20.63	23.98	25.79	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_TX

30/06/2022

CF
5.71GHz

Span
60MHz

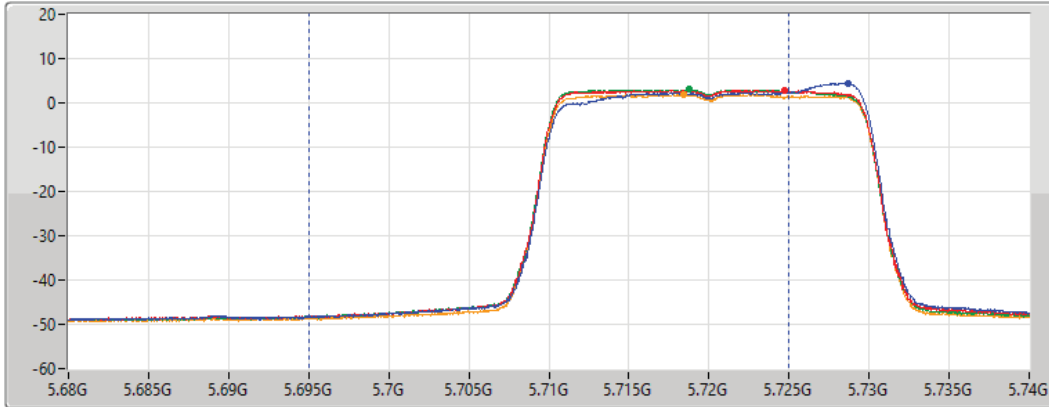
RBW
1MHz

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)
19.40	12.88	13.76	13.97	12.80

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

30/06/2022

CF
5.735GHz

Span
40MHz

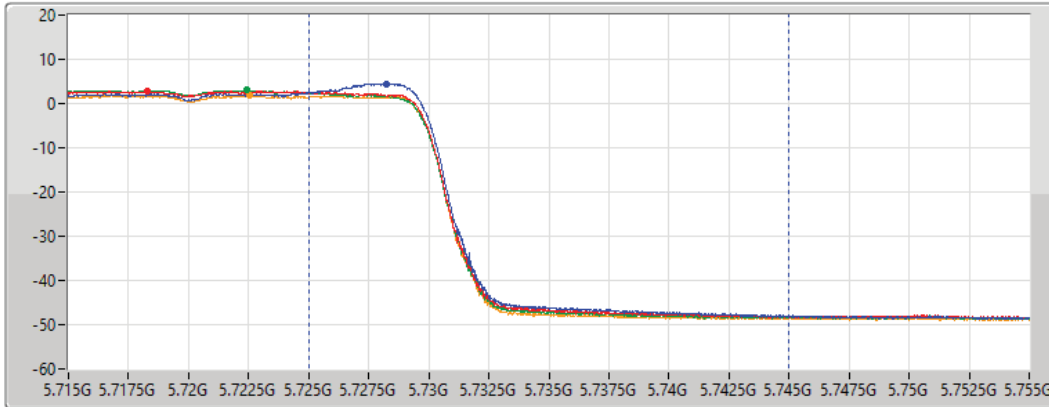
RBW
1MHz

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)
14.70	10.08	8.41	8.08	7.75



802.11ax HEW40-BF_Nss1,(MCS0)_4TX
5710MHz Straddle 5.47-5.725GHz_TX

AV Power

30/06/2022

CF
5.69GHz

Span
140MHz

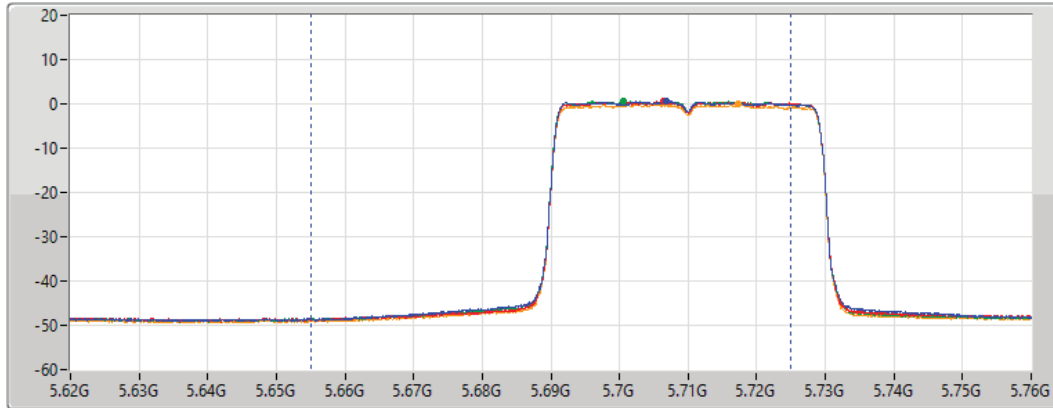
RBW
1MHz

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)
20.90	15.03	14.96	15.11	14.37

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
5710MHz Straddle 5.725-5.85GHz_TX

AV Power

30/06/2022

CF
5.735GHz

Span
40MHz

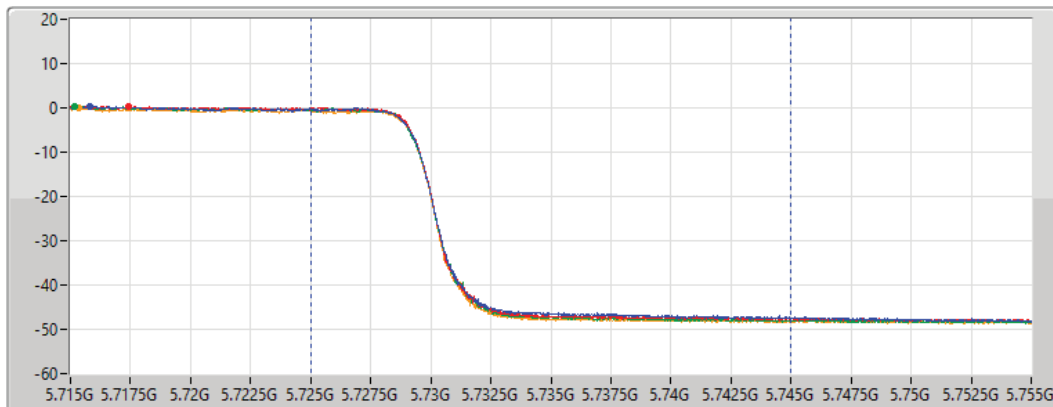
RBW
1MHz

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)
11.11	5.18	5.33	5.07	4.77

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

30/06/2022

CF
5.65GHz

Span
300MHz

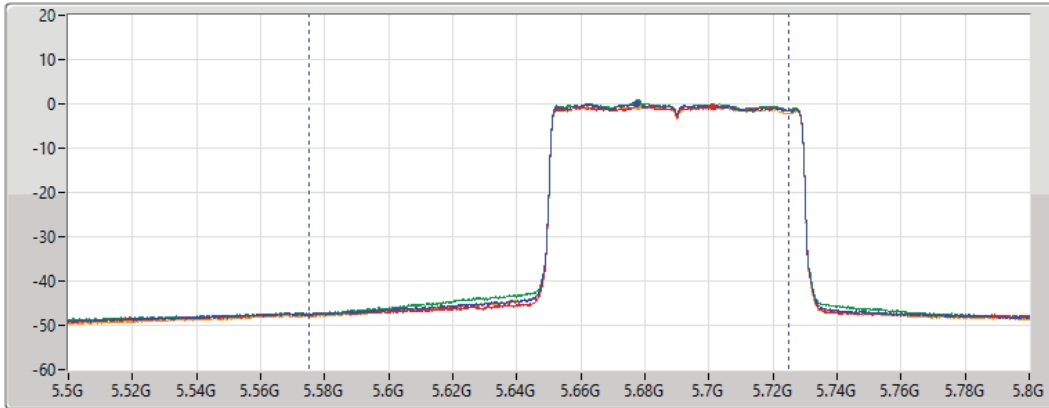
RBW
1MHz

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)
23.50	17.61	17.29	17.84	17.16

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

30/06/2022

CF
5.735GHz

Span
40MHz

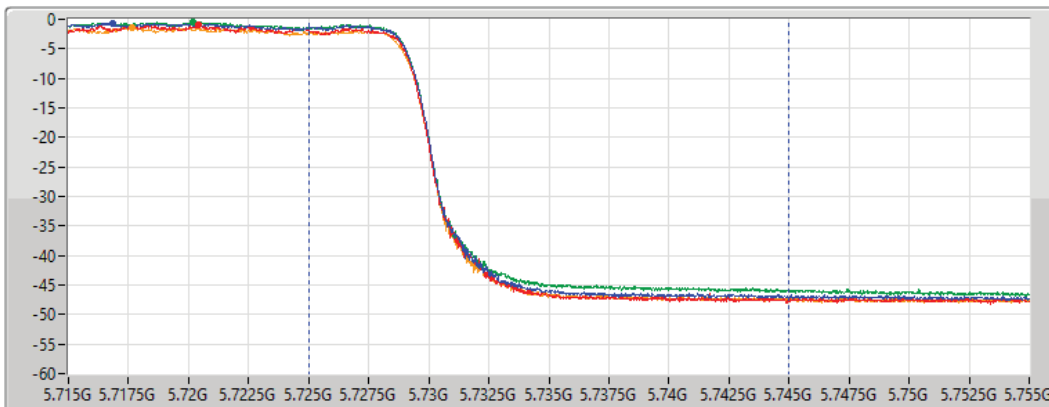
RBW
1MHz

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)
9.94	4.22	3.62	4.38	3.37



802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

01/07/2022

CF
5.17GHz

Span
320MHz

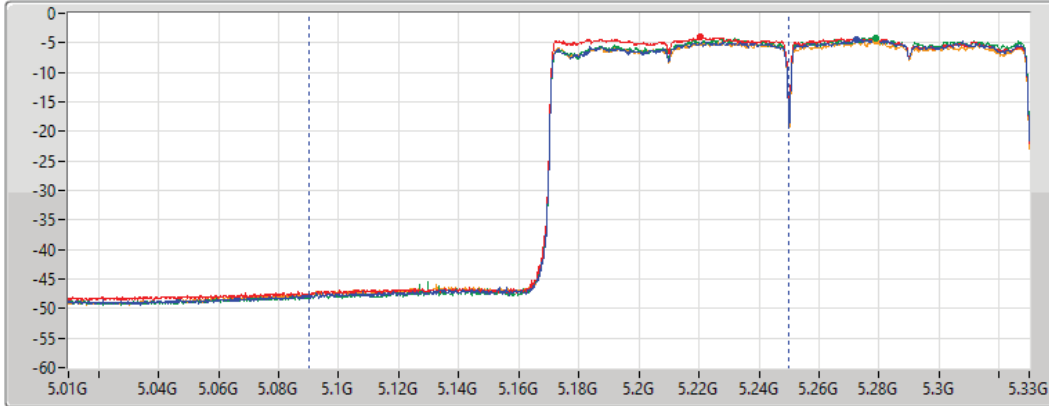
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
160MHz



Port 1

Port 2

Port 3

Port 4

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.09	12.69	13.83	12.99	12.68

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

30/06/2022

CF
5.33GHz

Span
320MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
160MHz



Port 1

Port 2

Port 3

Port 4

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.45	13.63	13.53	12.99	13.52



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.88	17.65
802.11ax HEW20_Nss1,(MCS0)_4TX	13.23	17.00
802.11ax HEW40_Nss1,(MCS0)_4TX	10.29	14.06
802.11ax HEW80_Nss1,(MCS0)_4TX	3.31	7.08
802.11ax HEW160_Nss1,(MCS0)_4TX	-0.52	3.25
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.94	14.30
802.11ax HEW20_Nss1,(MCS0)_4TX	10.81	14.17
802.11ax HEW40_Nss1,(MCS0)_4TX	7.31	10.67
802.11ax HEW80_Nss1,(MCS0)_4TX	4.08	7.44
802.11ax HEW160_Nss1,(MCS0)_4TX	-0.54	2.82
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.99	16.15
802.11ax HEW20_Nss1,(MCS0)_4TX	10.69	15.85
802.11ax HEW40_Nss1,(MCS0)_4TX	7.09	12.25
802.11ax HEW80_Nss1,(MCS0)_4TX	4.26	9.42
802.11ax HEW160_Nss1,(MCS0)_4TX	-0.36	4.80
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	4.01	7.86
802.11ax HEW20_Nss1,(MCS0)_4TX	4.28	8.13
802.11ax HEW40_Nss1,(MCS0)_4TX	1.31	5.16
802.11ax HEW80_Nss1,(MCS0)_4TX	0.26	4.11

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	8.40	7.48	7.52	8.32	13.68	17.00	17.45	23.00
5200MHz	Pass	3.77	8.01	7.71	7.93	7.88	13.78	17.00	17.55	23.00
5240MHz	Pass	3.77	7.98	7.69	7.95	8.08	13.88	17.00	17.65	23.00
5260MHz	Pass	3.36	4.94	4.67	4.50	4.97	10.47	11.00	13.83	17.00
5300MHz	Pass	3.36	5.33	5.28	4.88	5.55	10.94	11.00	14.30	17.00
5320MHz	Pass	3.36	5.31	5.03	4.89	5.31	10.85	11.00	14.21	17.00
5500MHz	Pass	5.16	5.40	5.10	5.14	5.15	10.99	11.00	16.15	17.00
5580MHz	Pass	5.16	5.21	4.89	4.79	4.91	10.67	11.00	15.83	17.00
5700MHz	Pass	5.16	0.71	-0.28	-0.14	-0.02	5.86	11.00	11.02	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.16	0.40	-0.48	-0.43	-0.21	5.62	11.00	10.78	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.85	-2.34	-2.41	-2.21	-2.50	3.50	30.00	7.35	36.00
5745MHz	Pass	3.85	-1.39	-1.92	-1.98	-1.74	4.01	30.00	7.86	36.00
5785MHz	Pass	3.85	-1.88	-2.41	-2.55	-2.18	3.53	30.00	7.38	36.00
5825MHz	Pass	3.85	-2.42	-2.66	-3.01	-2.50	3.14	30.00	6.99	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.77	6.86	6.22	6.26	6.86	12.38	17.00	16.15	23.00
5200MHz	Pass	3.77	7.27	6.86	6.88	7.19	12.98	17.00	16.75	23.00
5240MHz	Pass	3.77	7.45	7.05	7.19	7.43	13.23	17.00	17.00	23.00
5260MHz	Pass	3.36	5.01	4.87	4.59	5.01	10.72	11.00	14.08	17.00
5300MHz	Pass	3.36	5.15	5.06	4.61	5.07	10.81	11.00	14.17	17.00
5320MHz	Pass	3.36	4.83	4.93	4.39	4.90	10.61	11.00	13.97	17.00
5500MHz	Pass	5.16	5.27	4.88	4.39	4.51	10.69	11.00	15.85	17.00
5580MHz	Pass	5.16	3.44	3.08	2.76	3.18	9.10	11.00	14.26	17.00
5700MHz	Pass	5.16	0.77	0.11	0.22	0.33	6.28	11.00	11.44	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.16	0.40	-0.05	0.03	0.08	6.04	11.00	11.20	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.85	-1.28	-1.86	-1.76	-1.63	4.20	30.00	8.05	36.00
5745MHz	Pass	3.85	-1.36	-1.77	-1.90	-1.43	4.28	30.00	8.13	36.00
5785MHz	Pass	3.85	-1.44	-1.86	-1.88	-1.49	4.25	30.00	8.10	36.00
5825MHz	Pass	3.85	-1.78	-2.22	-2.43	-1.75	3.88	30.00	7.73	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.77	1.89	1.79	1.52	1.84	7.55	17.00	11.32	23.00
5230MHz	Pass	3.77	4.36	4.46	4.28	4.38	10.29	17.00	14.06	23.00
5270MHz	Pass	3.36	1.64	1.55	1.15	1.48	7.31	11.00	10.67	17.00
5310MHz	Pass	3.36	0.92	1.15	0.56	1.01	6.71	11.00	10.07	17.00
5510MHz	Pass	5.16	1.49	1.24	0.85	1.15	7.09	11.00	12.25	17.00
5550MHz	Pass	5.16	1.26	0.88	0.56	0.69	6.75	11.00	11.91	17.00
5670MHz	Pass	5.16	-1.39	-1.86	-2.01	-1.88	3.98	11.00	9.14	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.16	-2.52	-2.73	-2.80	-2.75	3.07	11.00	8.23	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.85	-4.76	-4.65	-4.63	-4.69	1.14	30.00	4.99	36.00
5755MHz	Pass	3.85	-4.48	-4.47	-4.82	-4.22	1.31	30.00	5.16	36.00
5795MHz	Pass	3.85	-5.30	-5.36	-5.58	-5.05	0.48	30.00	4.33	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.77	-2.82	-2.23	-2.66	-2.61	3.31	17.00	7.08	23.00
5290MHz	Pass	3.36	-1.90	-1.66	-1.85	-1.65	4.08	11.00	7.44	17.00
5530MHz	Pass	5.16	-1.02	-1.86	-1.66	-1.70	4.26	11.00	9.42	17.00
5610MHz	Pass	5.16	-1.64	-1.89	-2.28	-1.95	3.86	11.00	9.02	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.16	-3.12	-3.34	-3.51	-3.24	2.52	11.00	7.68	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.85	-5.70	-5.58	-5.49	-5.23	0.26	30.00	4.11	36.00
5775MHz	Pass	3.85	-5.91	-6.09	-6.05	-5.93	-0.22	30.00	3.63	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.77	-6.54	-6.37	-6.22	-6.40	-0.52	17.00	3.25	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.36	-6.28	-6.09	-6.83	-6.48	-0.54	11.00	2.82	17.00



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)
5570MHz	Pass	5.16	-5.99	-6.64	-5.72	-6.13	-0.36	11.00	4.80	17.00

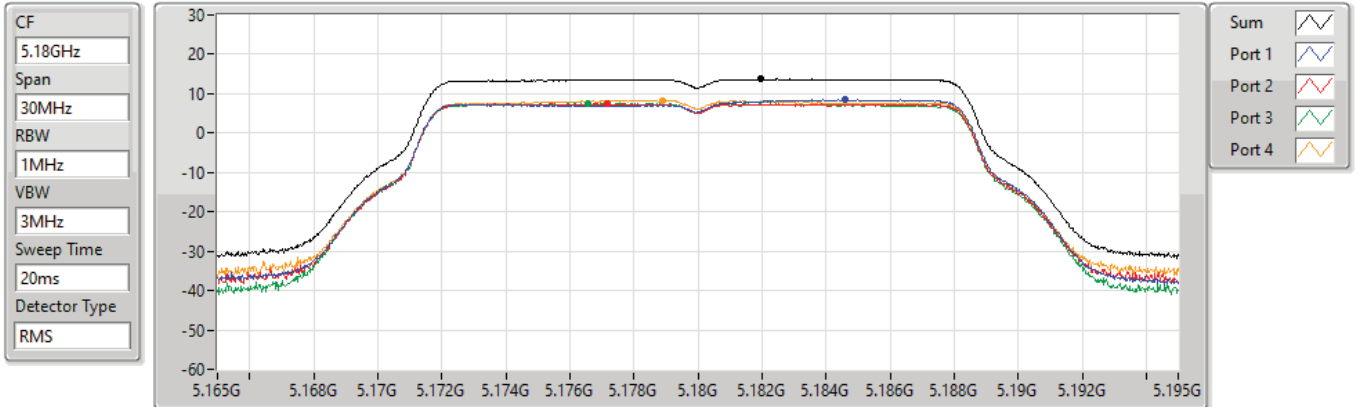
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

28/06/2022



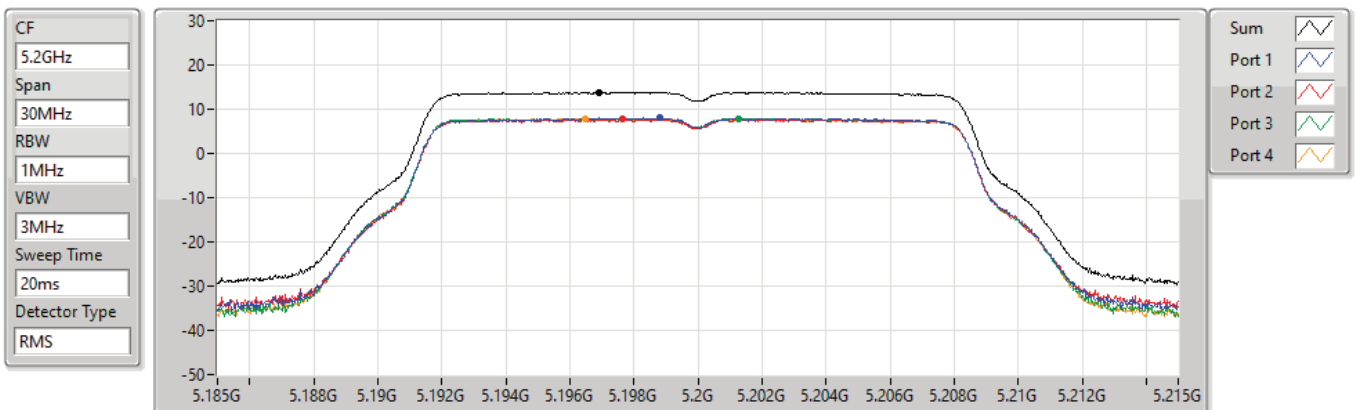
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.68	13.68	8.40	7.48	7.52	8.32

802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

06/12/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.78	13.78	8.01	7.71	7.93	7.88

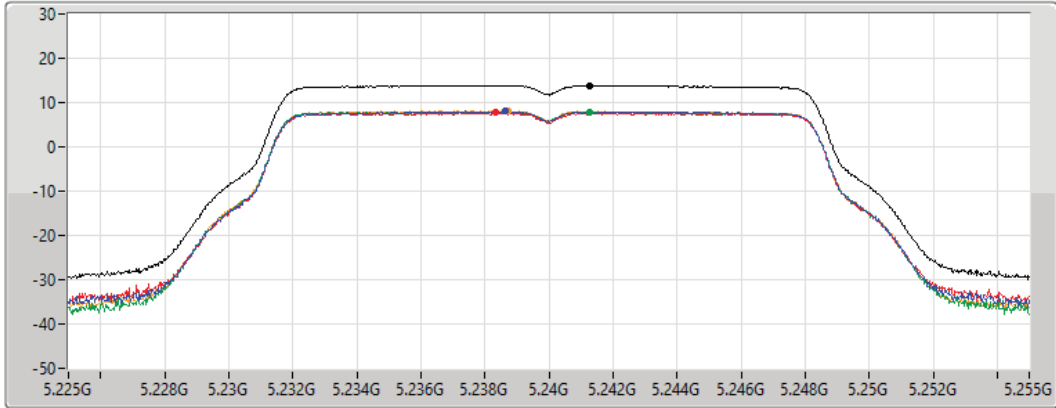
802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

06/12/2022

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



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.88	13.88	7.98	7.69	7.95	8.08

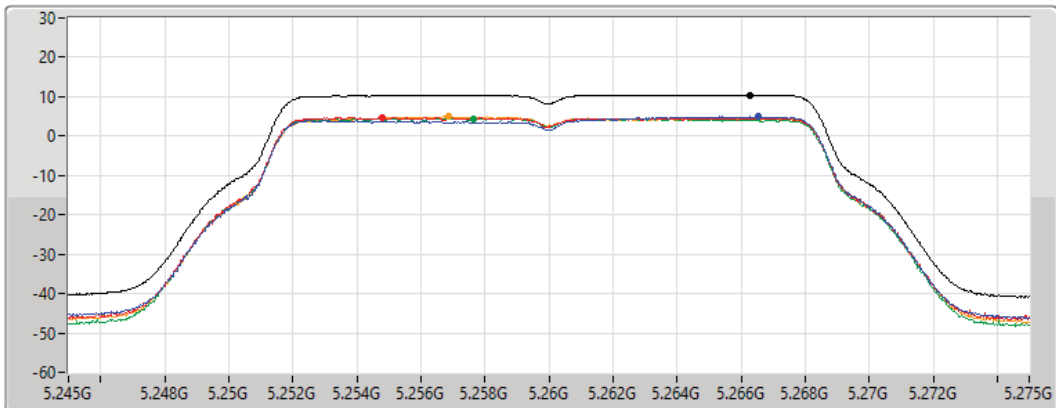
802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

28/06/2022

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



Sum
Port 1
Port 2
Port 3
Port 4

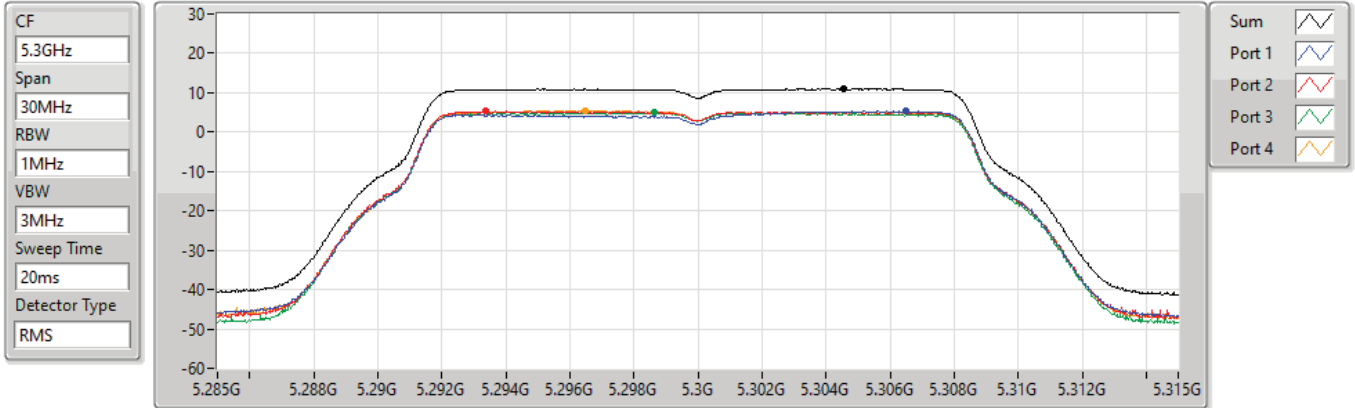
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.47	10.47	4.94	4.67	4.50	4.97

802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

28/06/2022



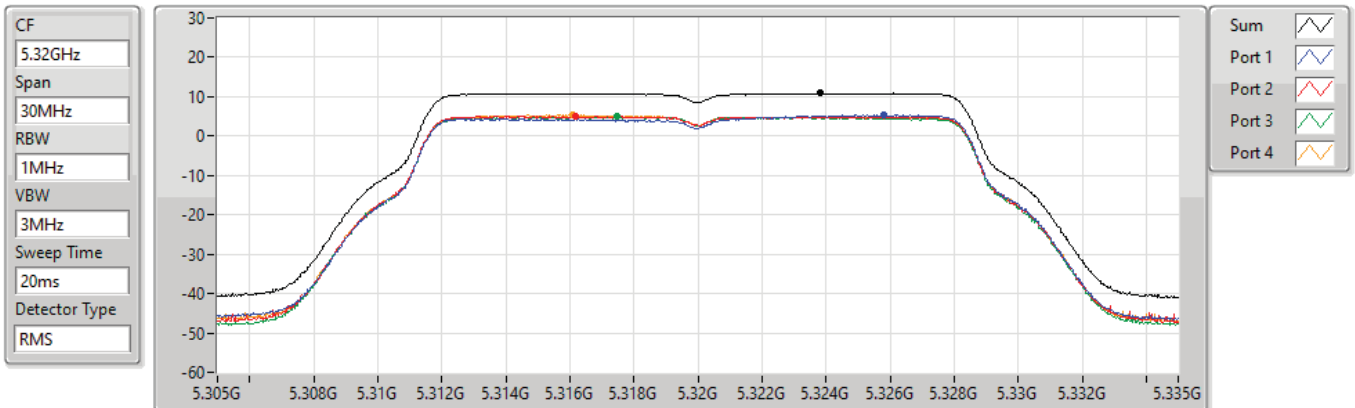
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.94	10.94	5.33	5.28	4.88	5.55

802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

28/06/2022



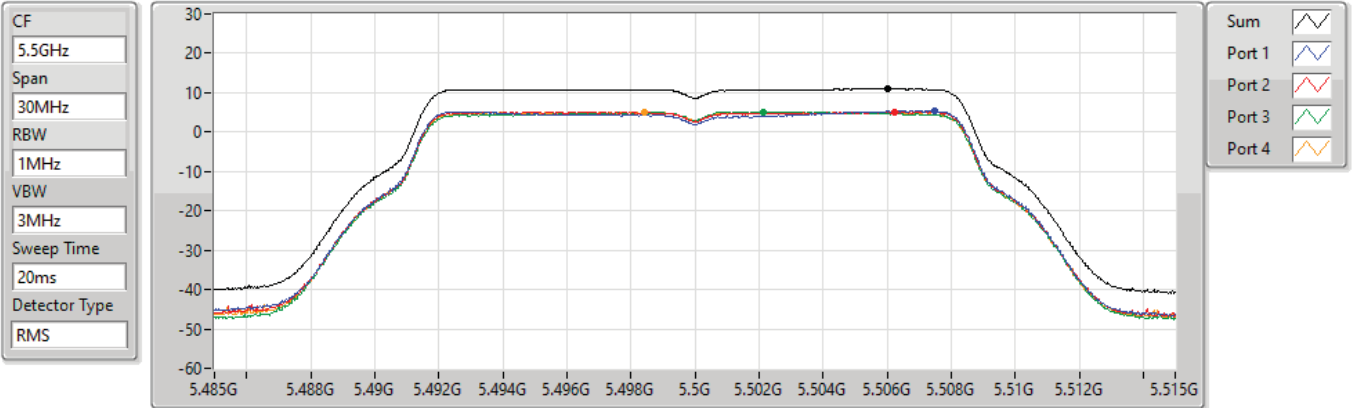
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.85	10.85	5.31	5.03	4.89	5.31

802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

28/06/2022



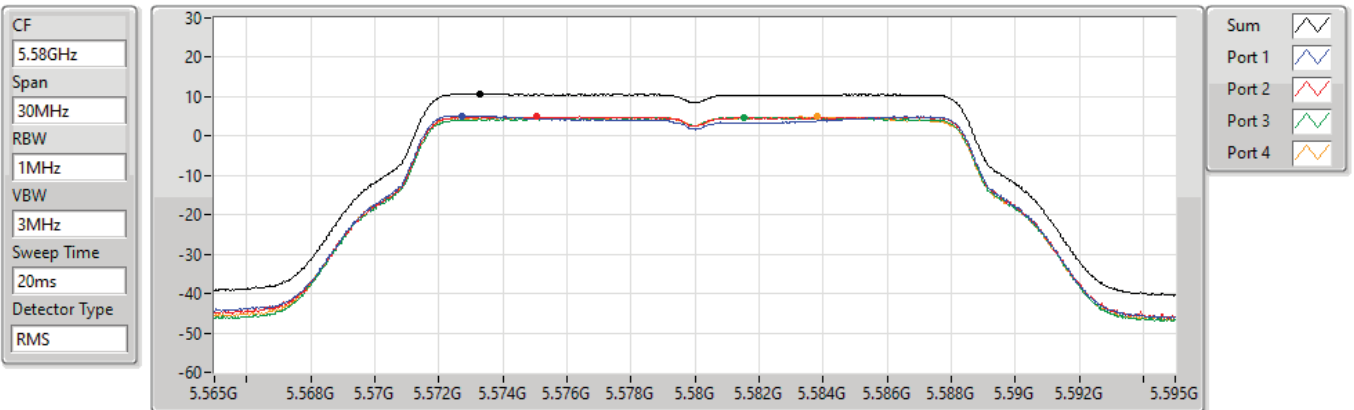
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.99	10.99	5.40	5.10	5.14	5.15

802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

28/06/2022



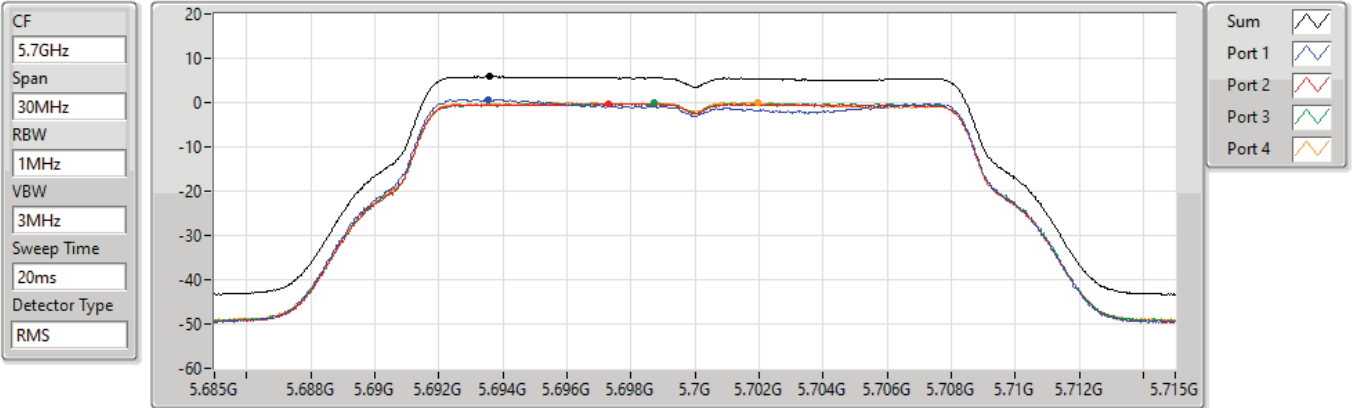
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.67	10.67	5.21	4.89	4.79	4.91

802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

28/06/2022



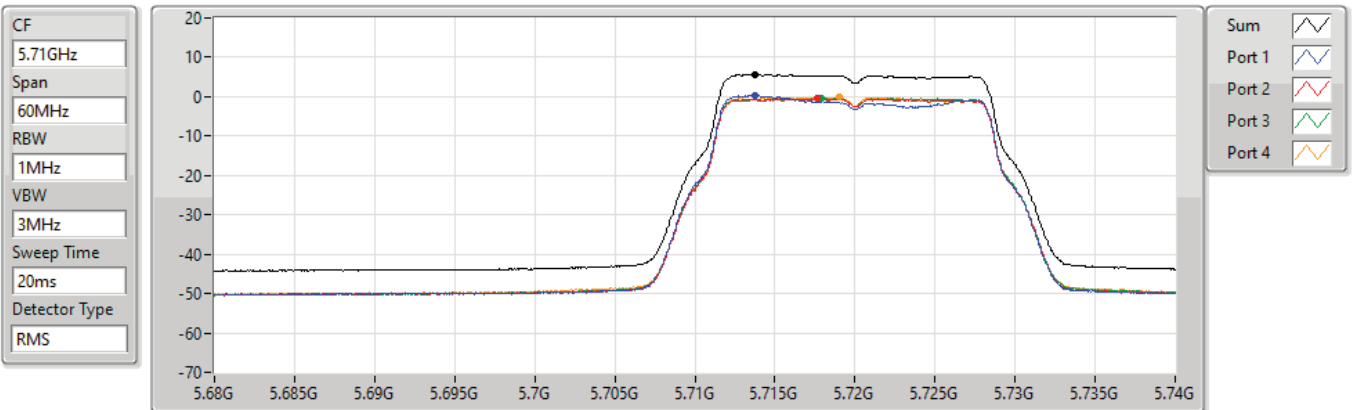
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.86	5.86	0.71	-0.28	-0.14	-0.02

802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

28/06/2022



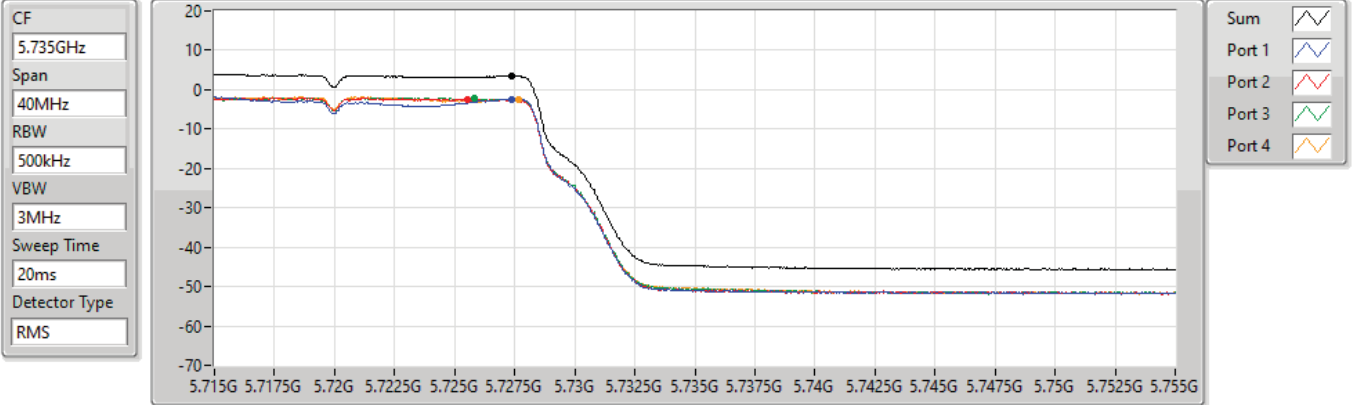
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.62	5.62	0.40	-0.48	-0.43	-0.21

802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

28/06/2022



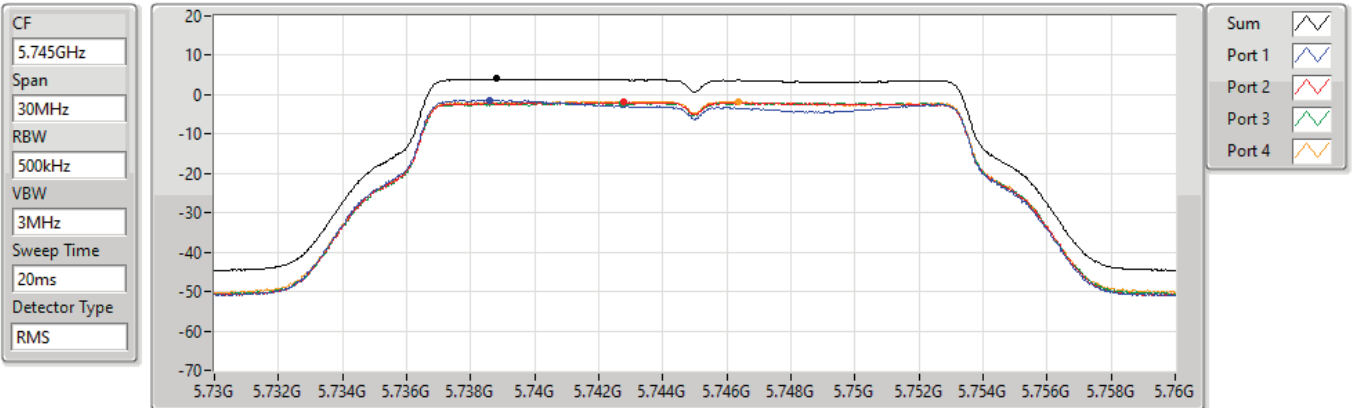
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.50	3.50	-2.34	-2.41	-2.21	-2.50

802.11a_Nss1,(6Mbps)_4TX

PSD

5745MHz

28/06/2022



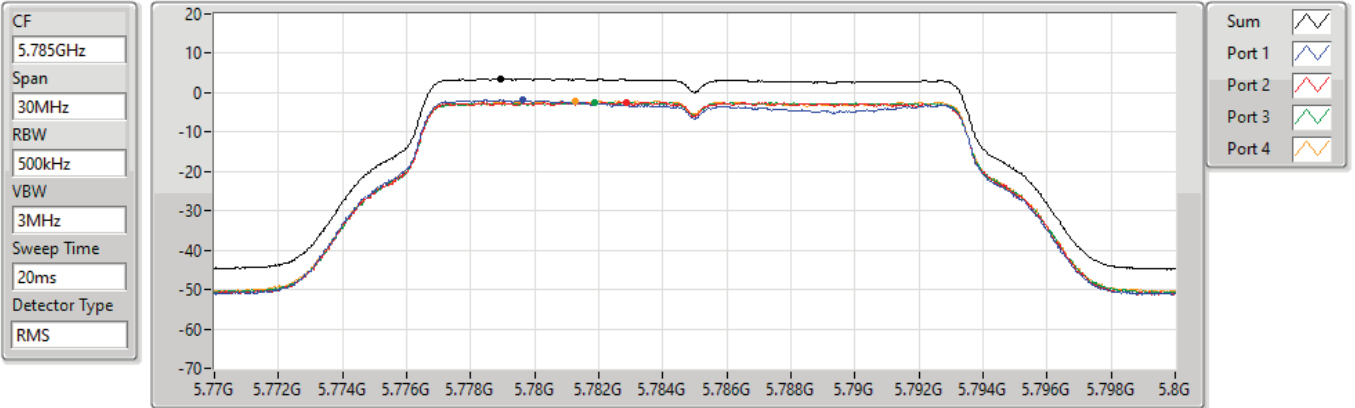
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.01	4.01	-1.39	-1.92	-1.98	-1.74

802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

28/06/2022



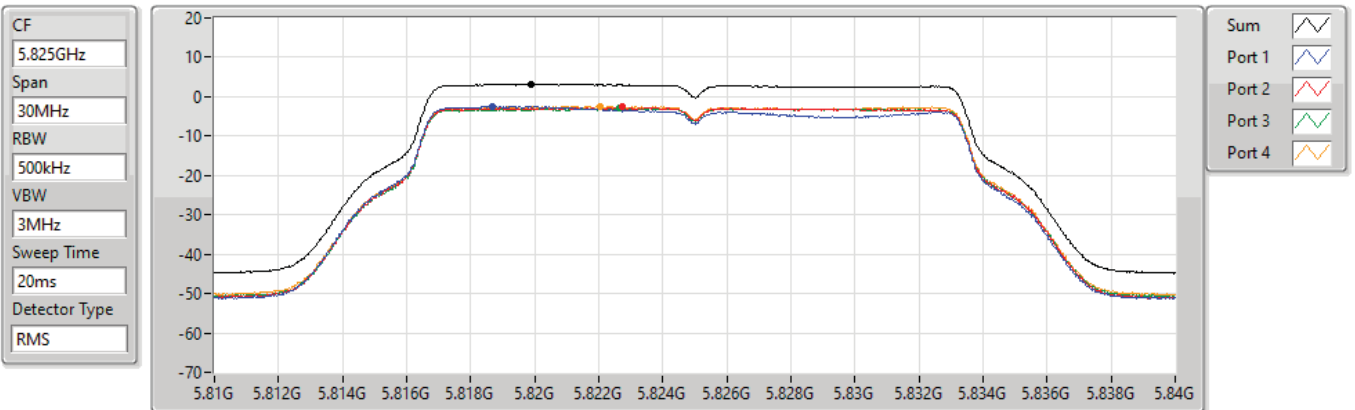
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.53	3.53	-1.88	-2.41	-2.55	-2.18

802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

28/06/2022



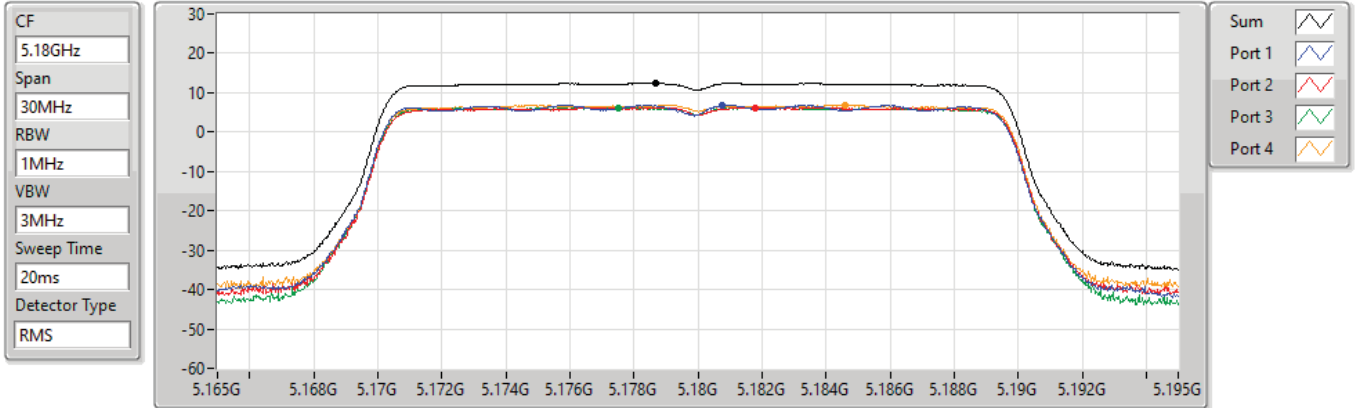
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.14	3.14	-2.42	-2.66	-3.01	-2.50

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5180MHz

28/06/2022



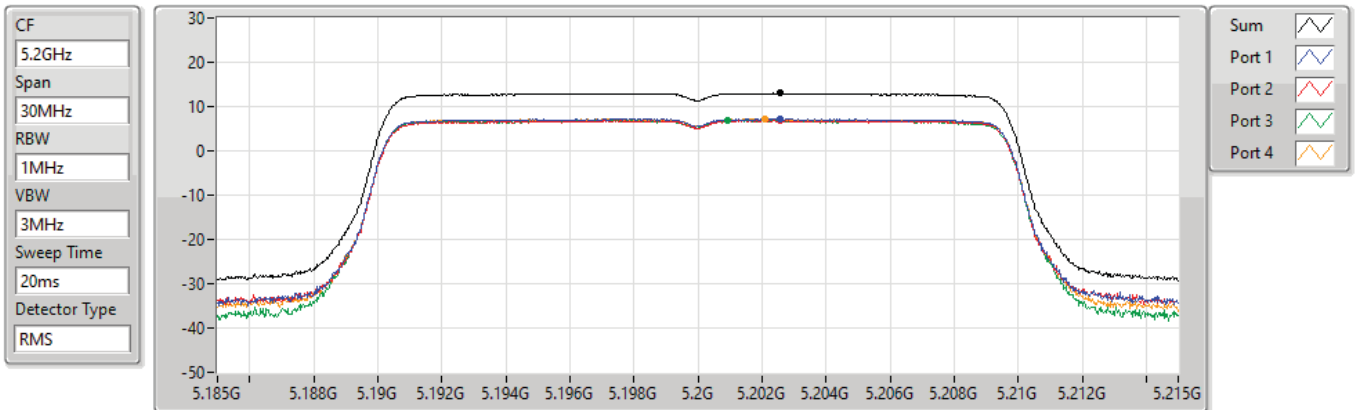
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.38	12.38	6.86	6.22	6.26	6.86

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5200MHz

06/12/2022



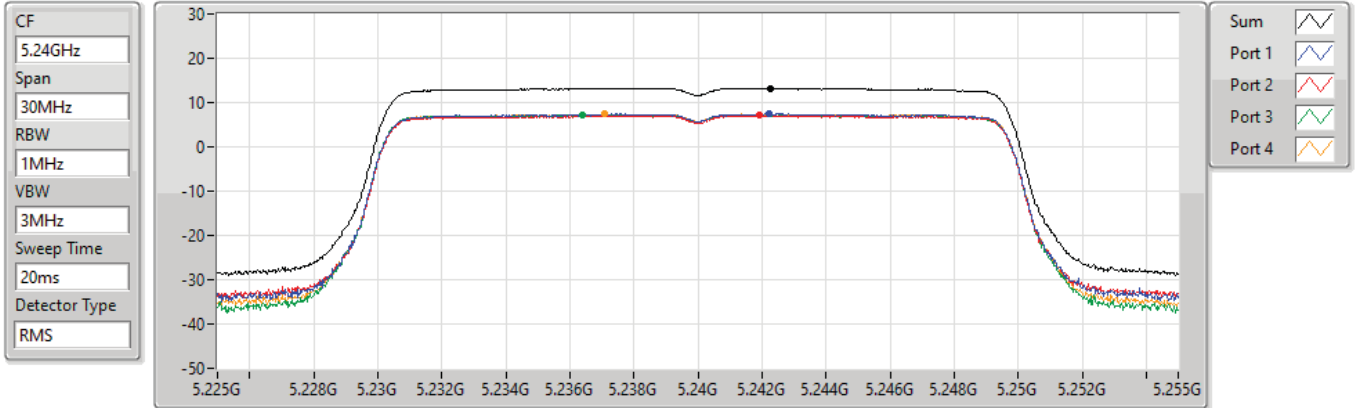
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.98	12.98	7.27	6.86	6.88	7.19

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5240MHz

06/12/2022



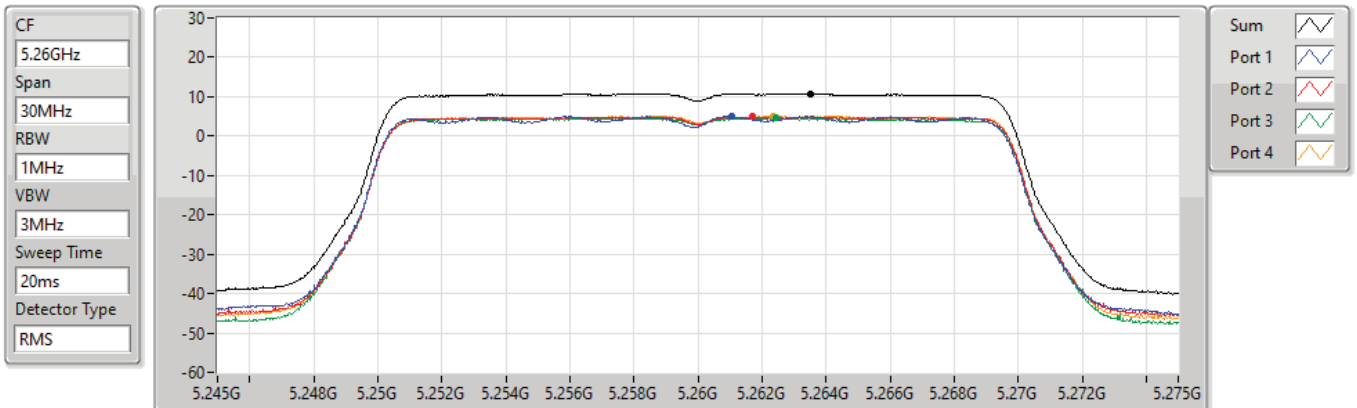
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.23	13.23	7.45	7.05	7.19	7.43

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

28/06/2022



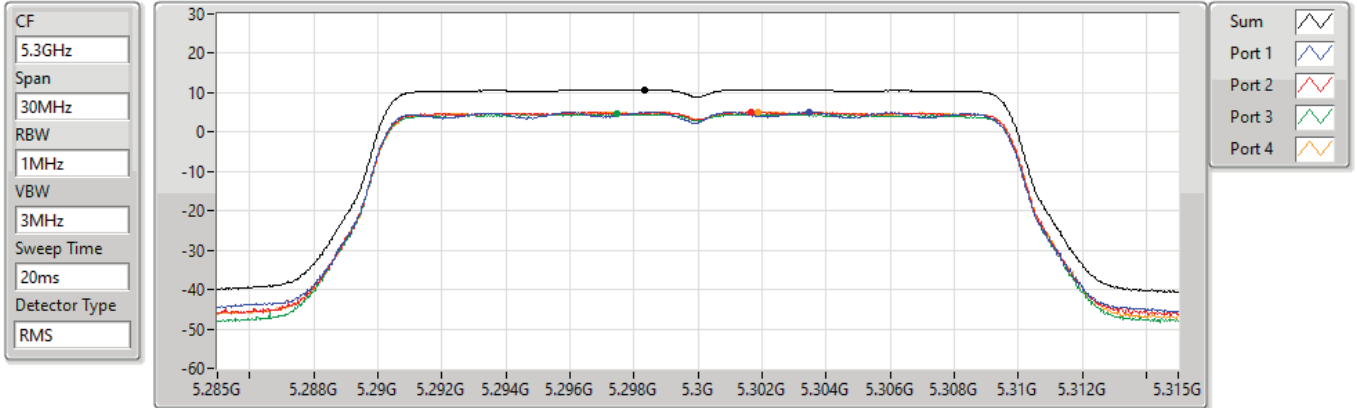
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.72	10.72	5.01	4.87	4.59	5.01

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

28/06/2022



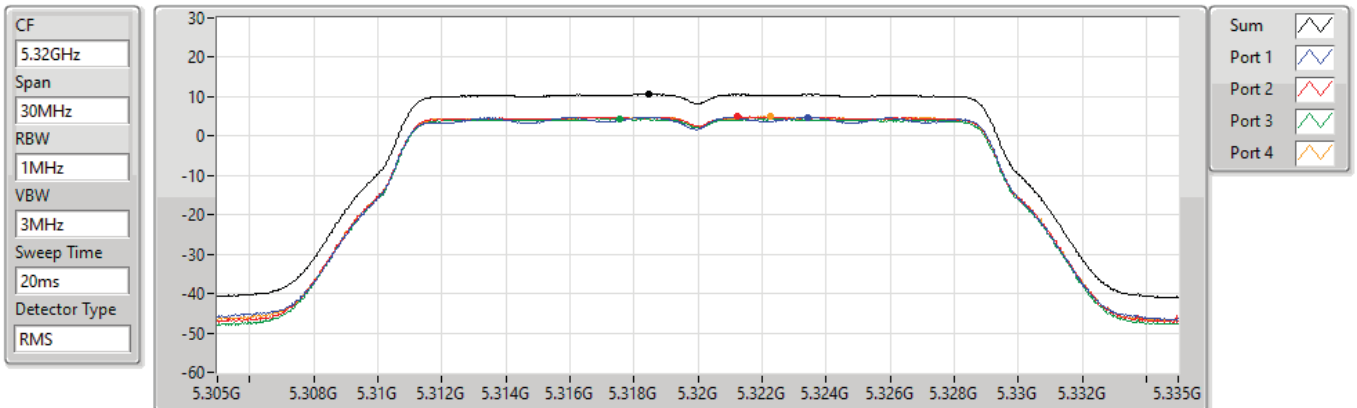
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.81	10.81	5.15	5.06	4.61	5.07

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

28/06/2022



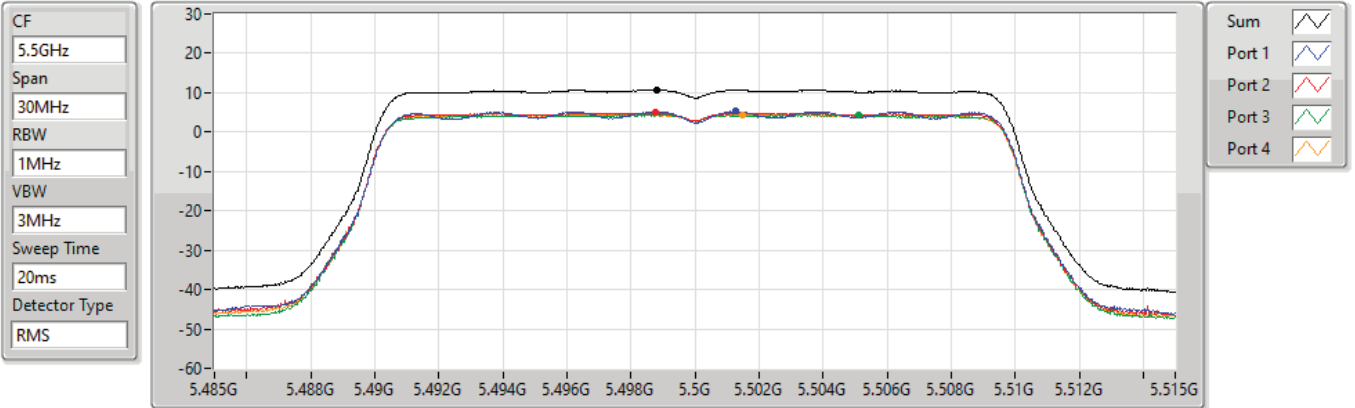
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.61	10.61	4.83	4.93	4.39	4.90

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

28/06/2022



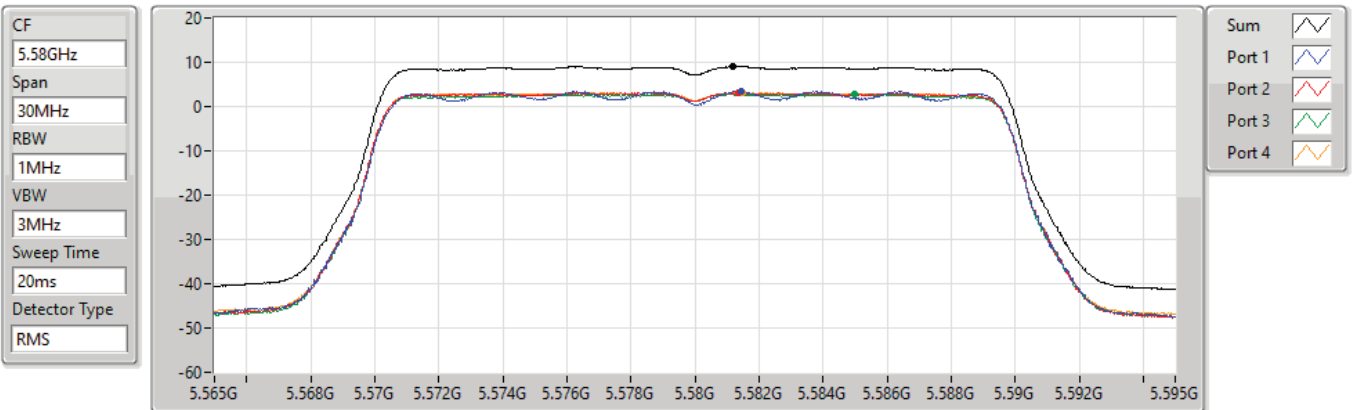
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.69	10.69	5.27	4.88	4.39	4.51

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

28/06/2022



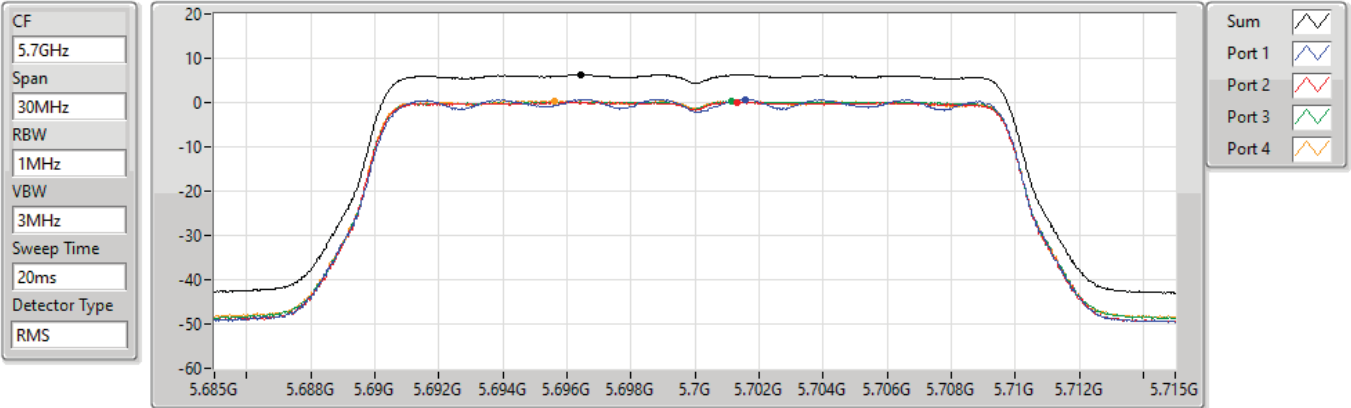
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.10	9.10	3.44	3.08	2.76	3.18

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

28/06/2022



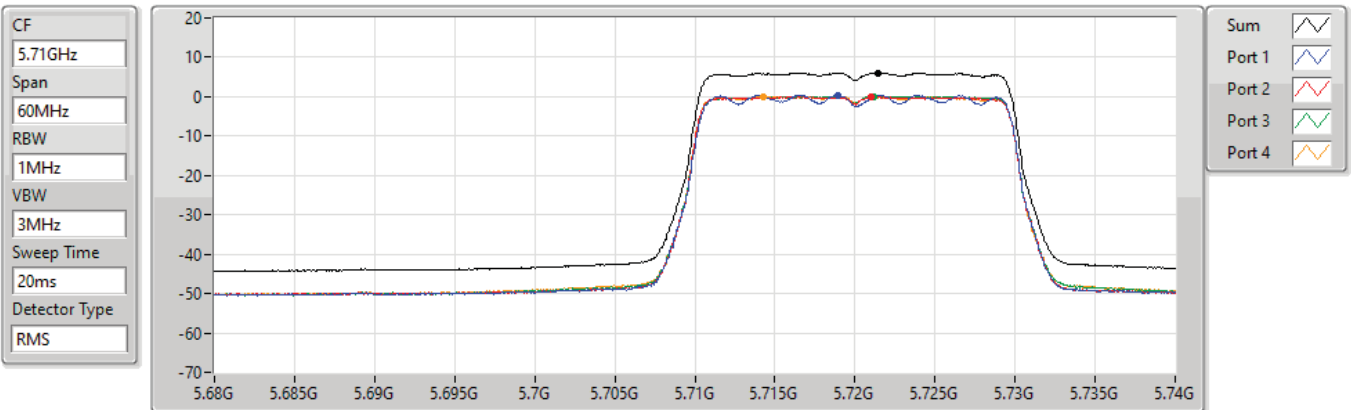
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.28	6.28	0.77	0.11	0.22	0.33

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

28/06/2022



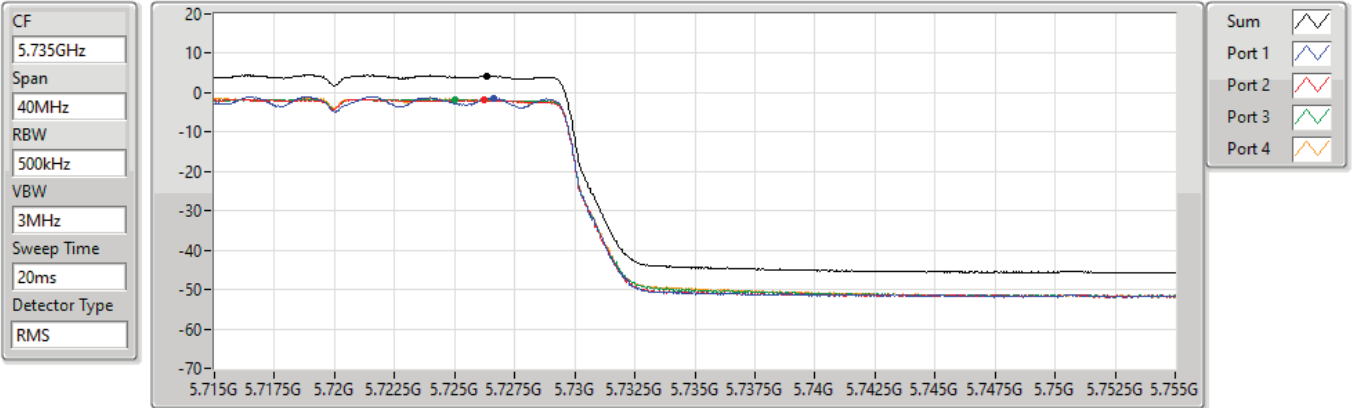
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.04	6.04	0.40	-0.05	0.03	0.08

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

28/06/2022



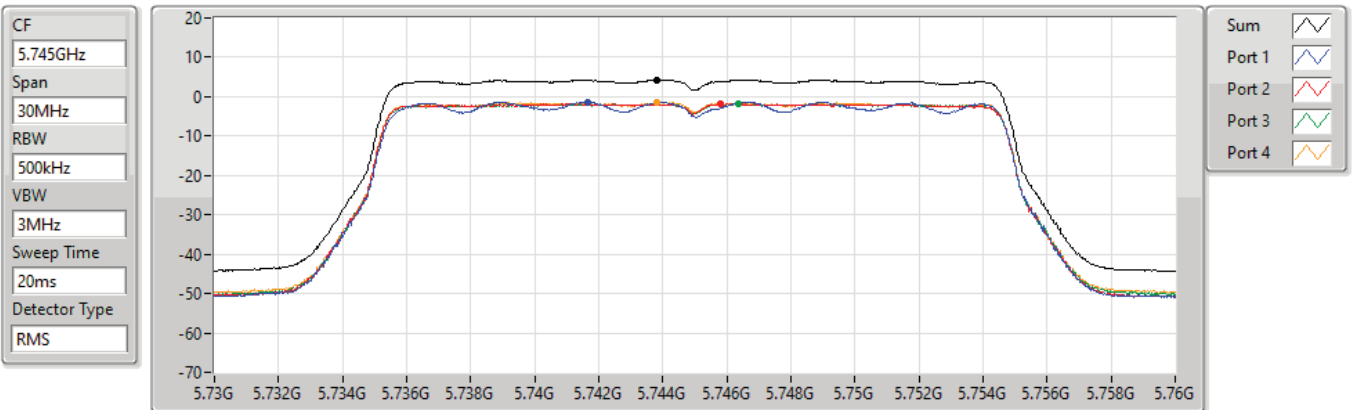
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.20	4.20	-1.28	-1.86	-1.76	-1.63

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5745MHz

28/06/2022



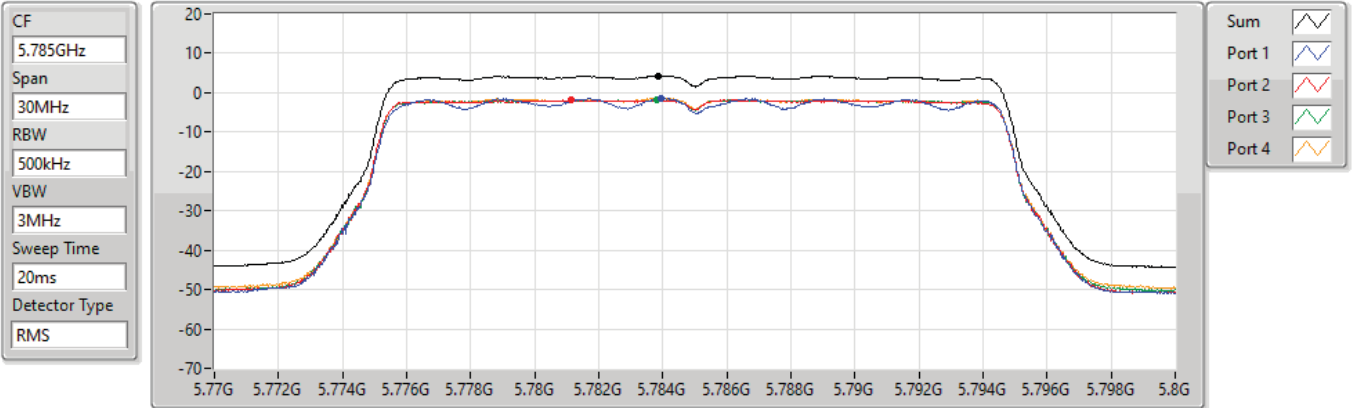
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.28	4.28	-1.36	-1.77	-1.90	-1.43

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5785MHz

28/06/2022



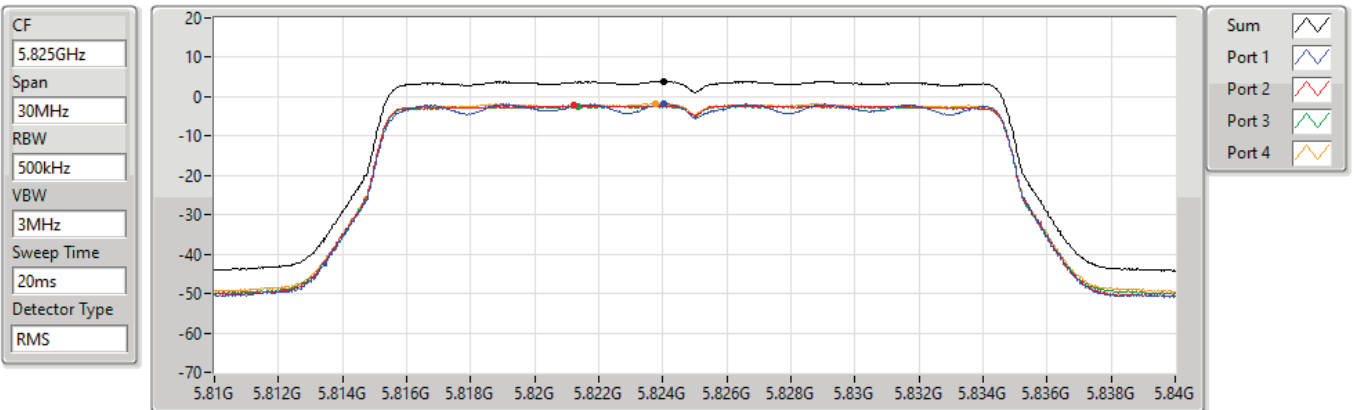
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.25	4.25	-1.44	-1.86	-1.88	-1.49

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5825MHz

28/06/2022



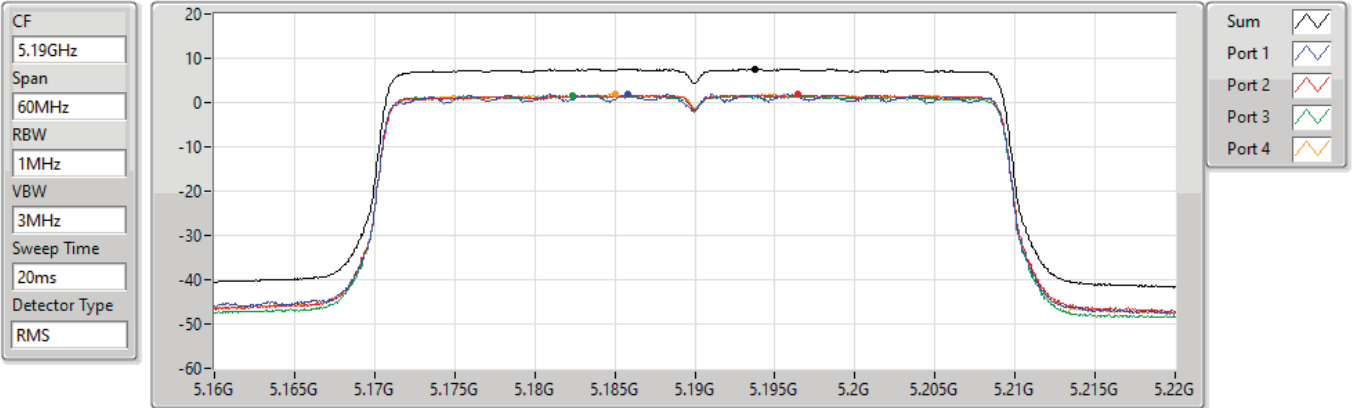
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.88	3.88	-1.78	-2.22	-2.43	-1.75

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5190MHz

28/06/2022



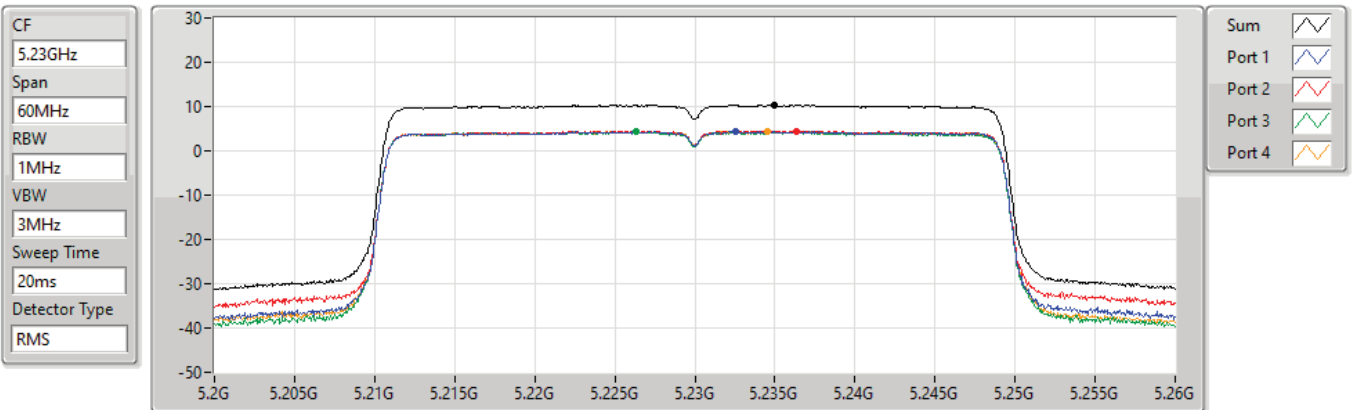
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.55	7.55	1.89	1.79	1.52	1.84

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5230MHz

06/12/2022



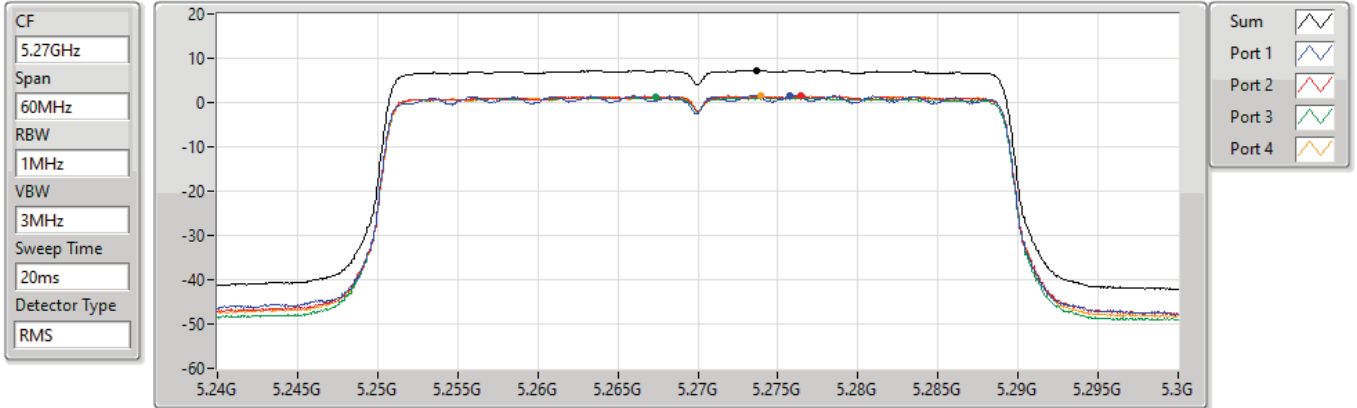
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.29	10.29	4.36	4.46	4.28	4.38

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

28/06/2022



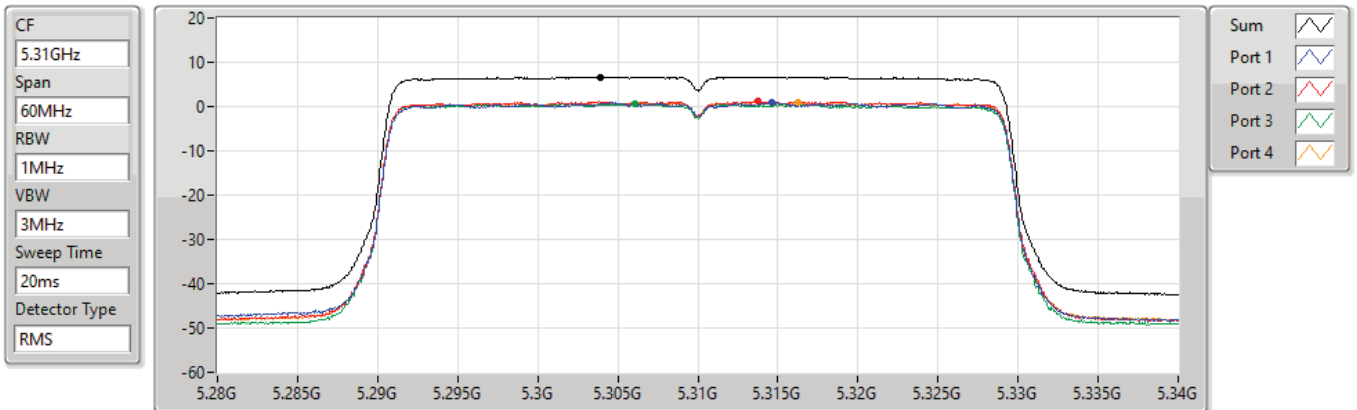
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.31	7.31	1.64	1.55	1.15	1.48

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

29/06/2022



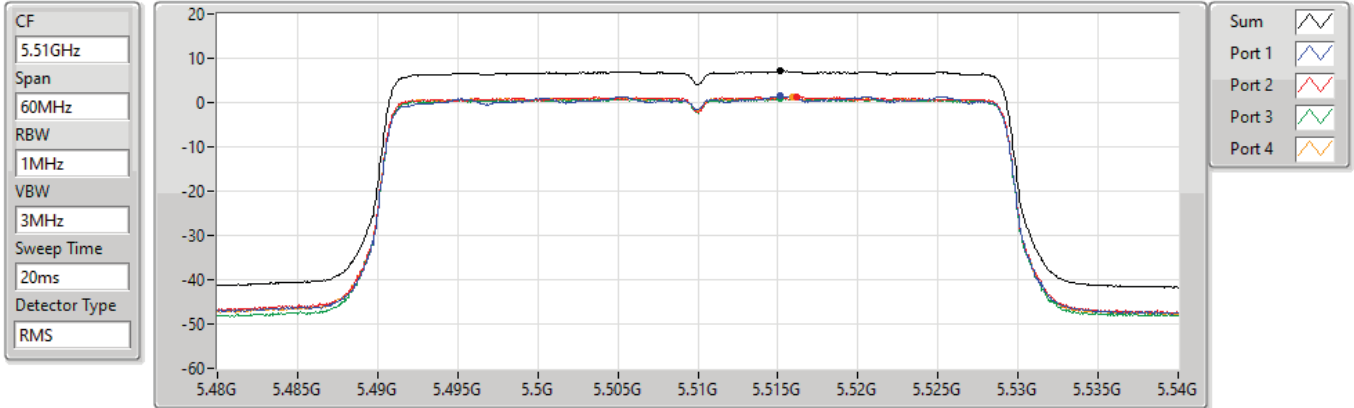
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.71	6.71	0.92	1.15	0.56	1.01

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

29/06/2022

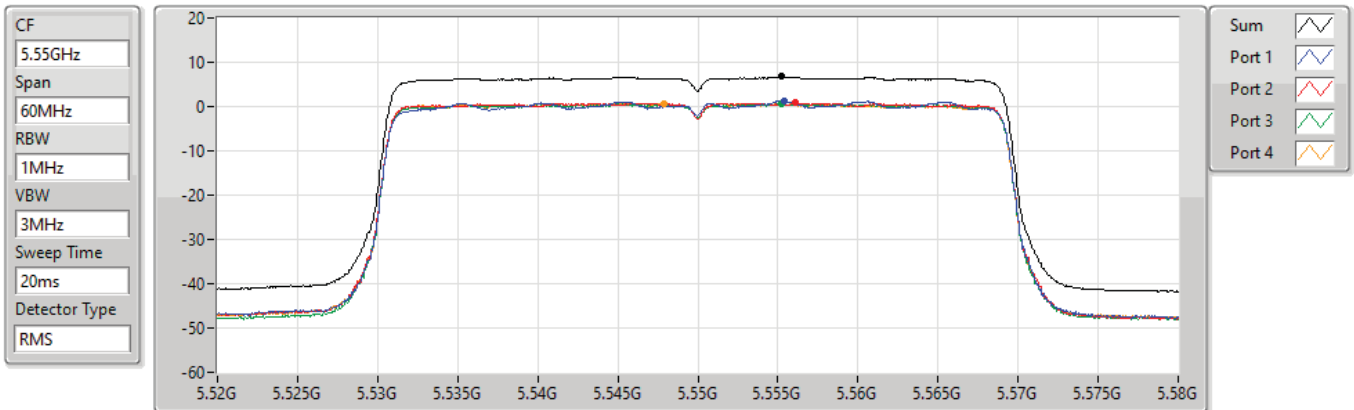


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

29/06/2022

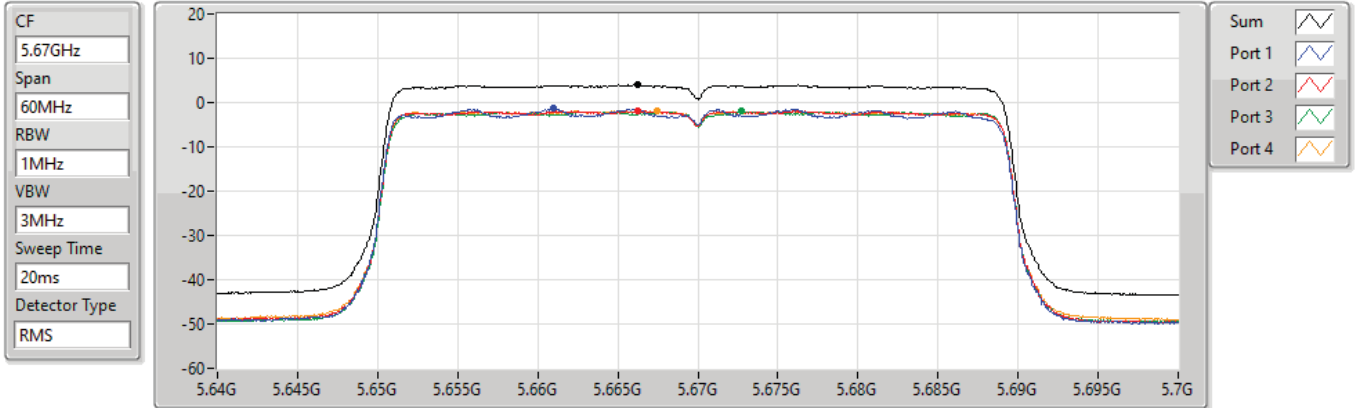


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

29/06/2022



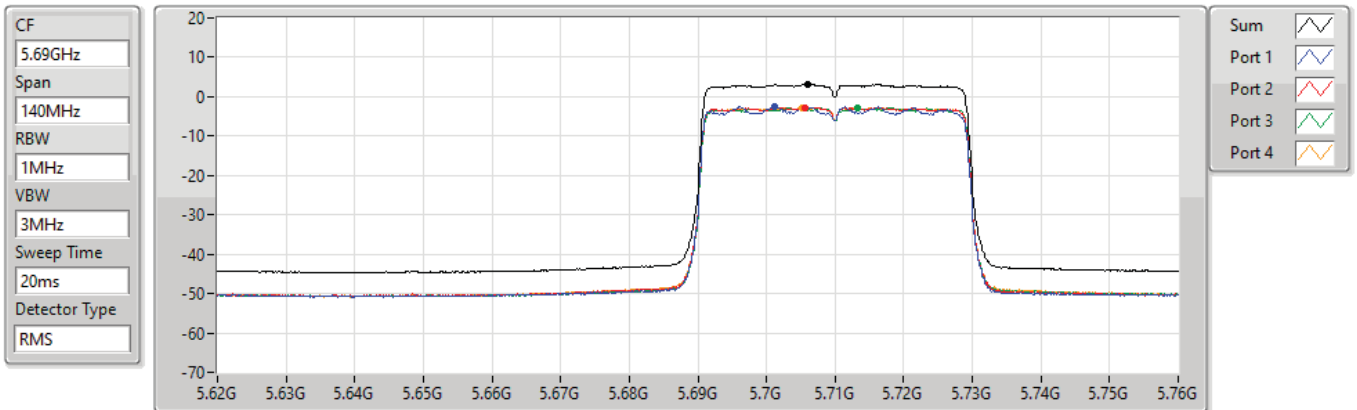
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.98	3.98	-1.39	-1.86	-2.01	-1.88

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

29/06/2022



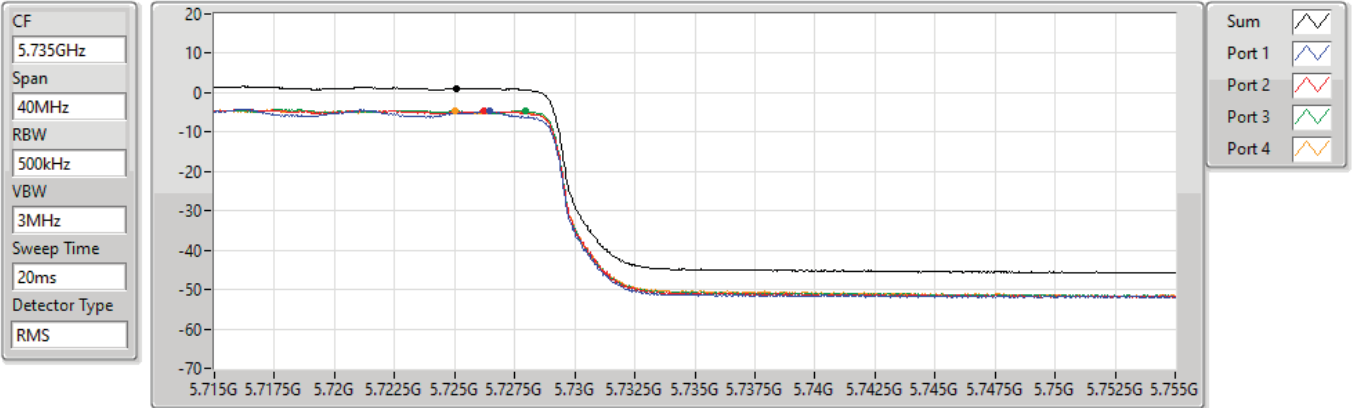
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.07	3.07	-2.52	-2.73	-2.80	-2.75

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

29/06/2022



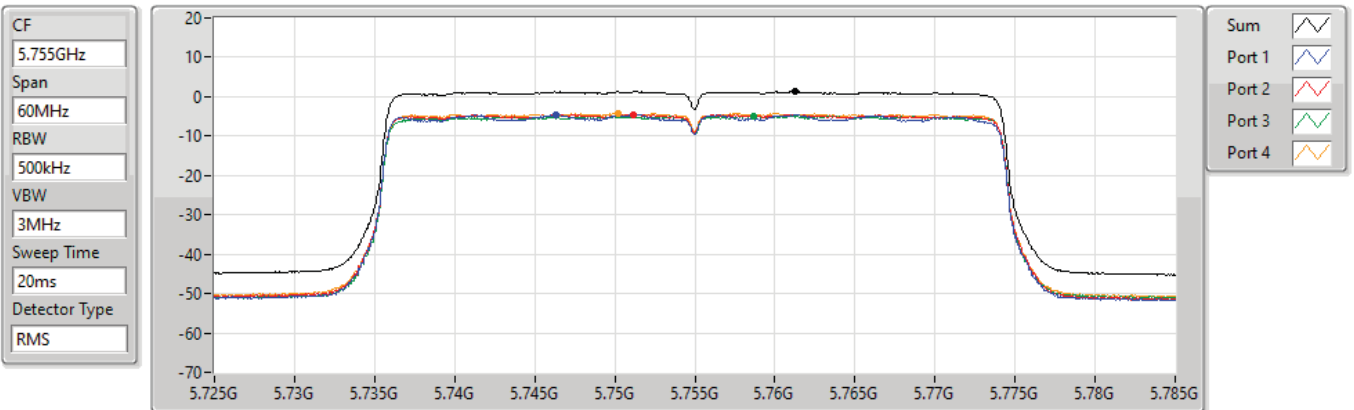
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.14	1.14	-4.76	-4.65	-4.63	-4.69

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5755MHz

29/06/2022



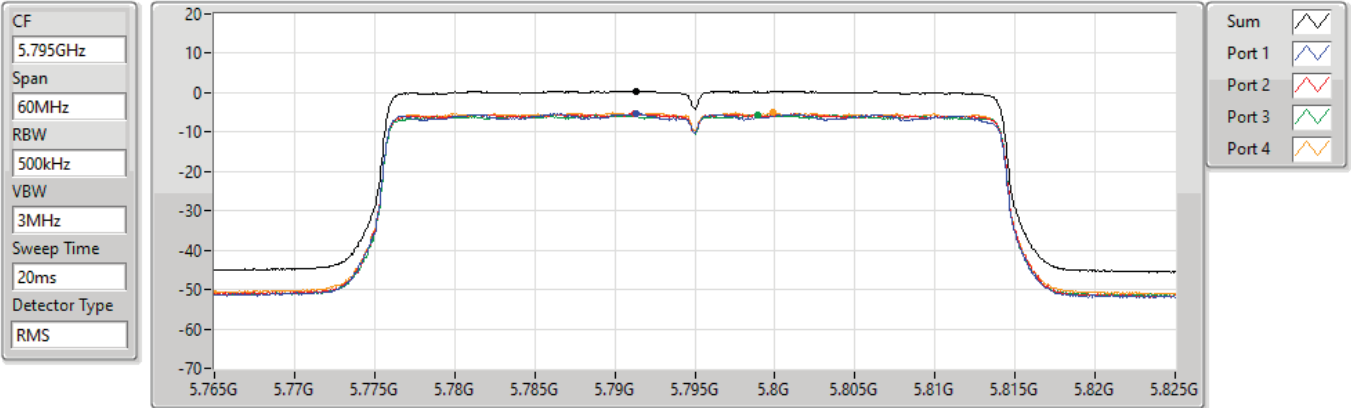
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.31	1.31	-4.48	-4.47	-4.82	-4.22

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5795MHz

29/06/2022



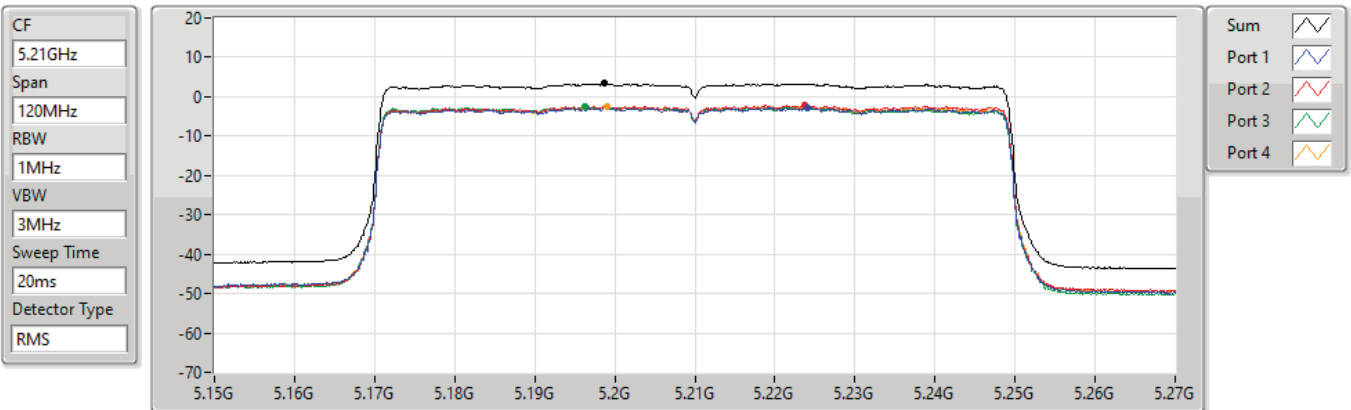
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.48	0.48	-5.30	-5.36	-5.58	-5.05

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5210MHz

29/06/2022



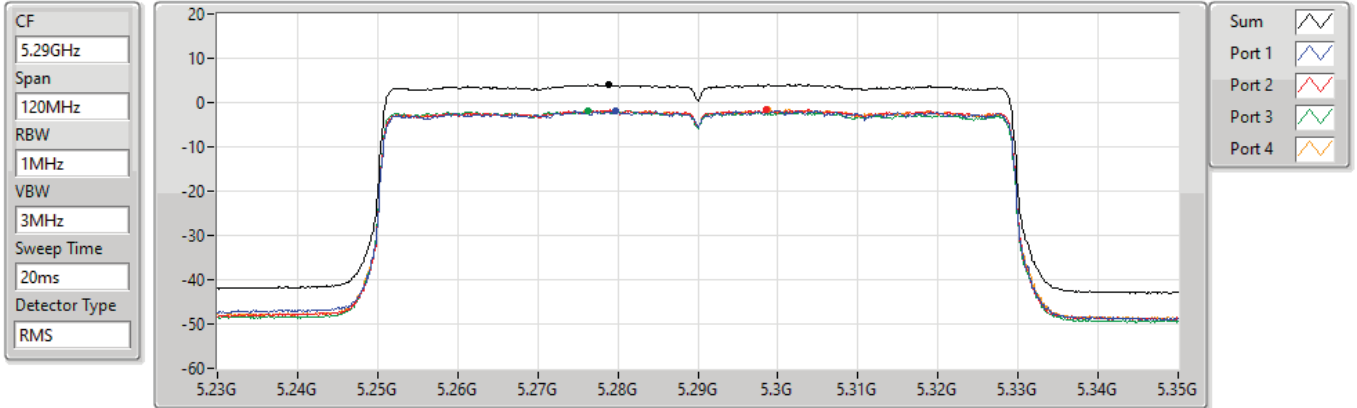
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.31	3.31	-2.82	-2.23	-2.66	-2.61

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

29/06/2022



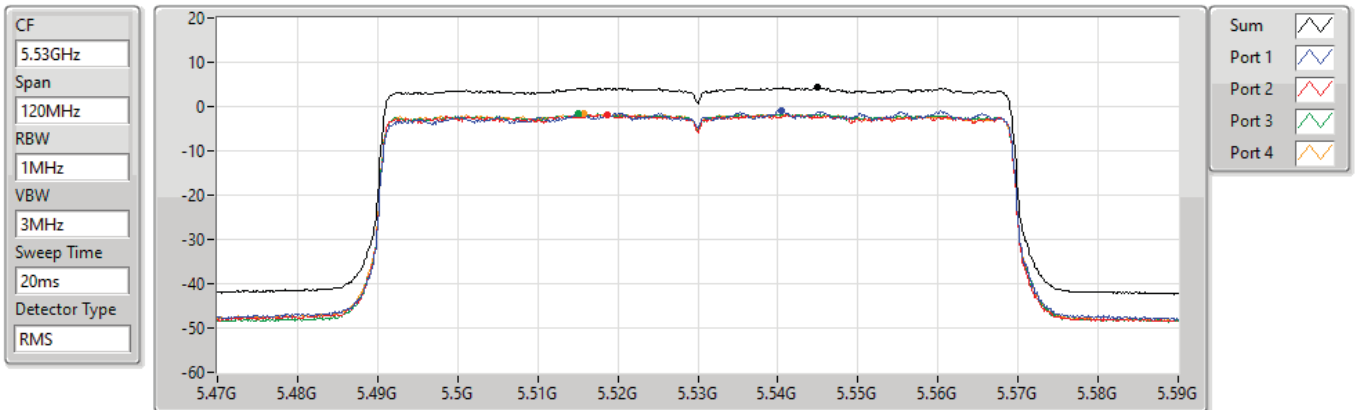
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.08	4.08	-1.90	-1.66	-1.85	-1.65

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

29/06/2022



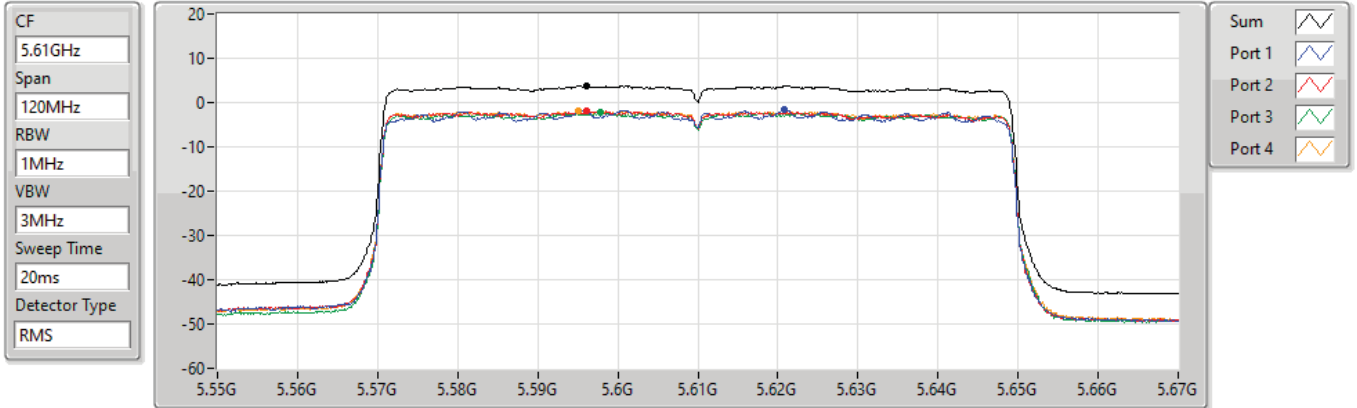
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.26	4.26	-1.02	-1.86	-1.66	-1.70

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

29/06/2022



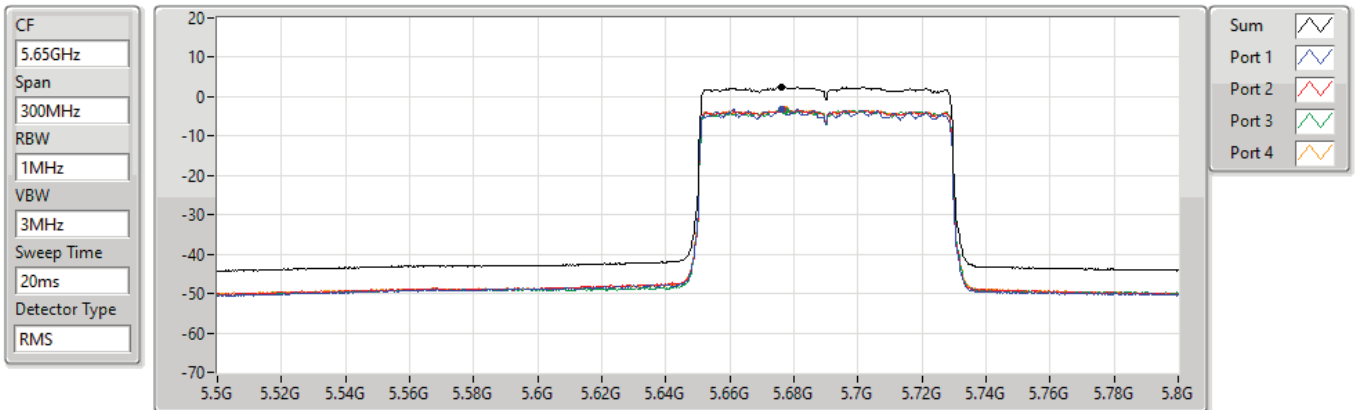
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.86	3.86	-1.64	-1.89	-2.28	-1.95

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

29/06/2022



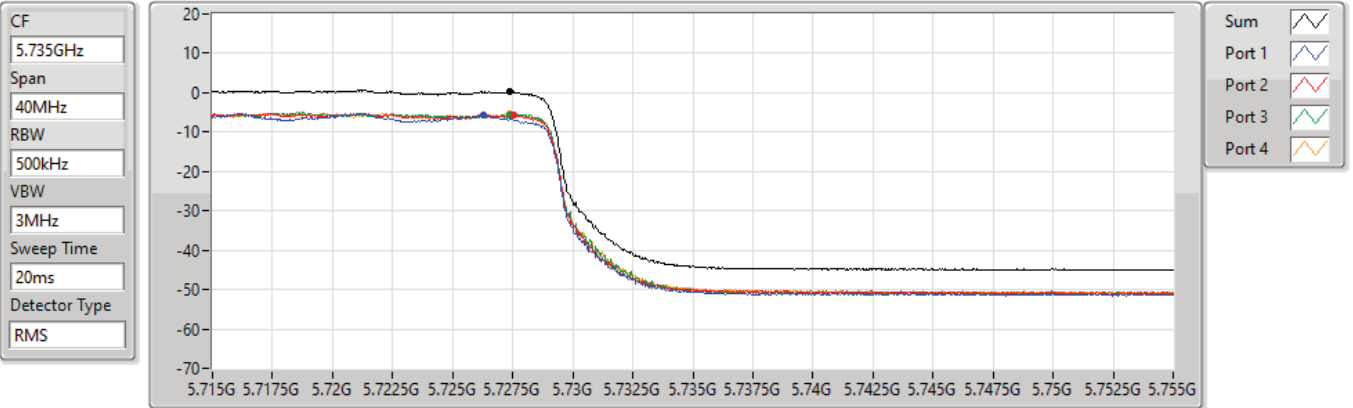
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.52	2.52	-3.12	-3.34	-3.51	-3.24

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

29/06/2022



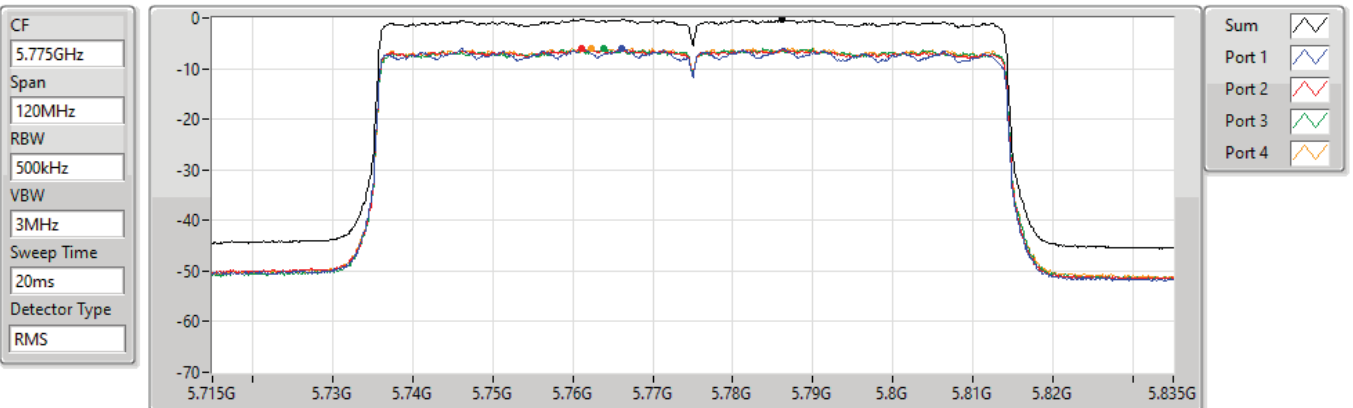
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.26	0.26	-5.70	-5.58	-5.49	-5.23

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5775MHz

29/06/2022



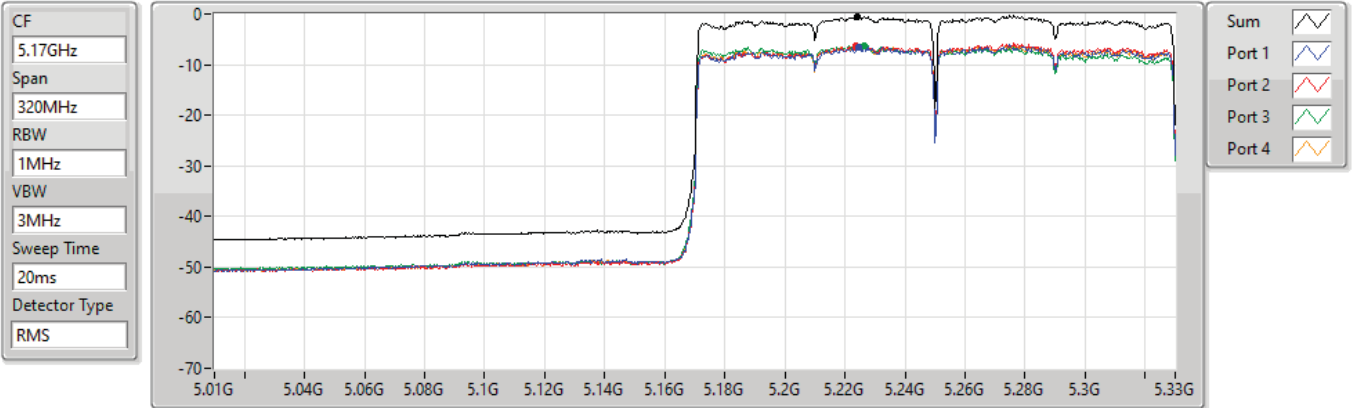
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.22	-0.22	-5.91	-6.09	-6.05	-5.93

802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

29/06/2022



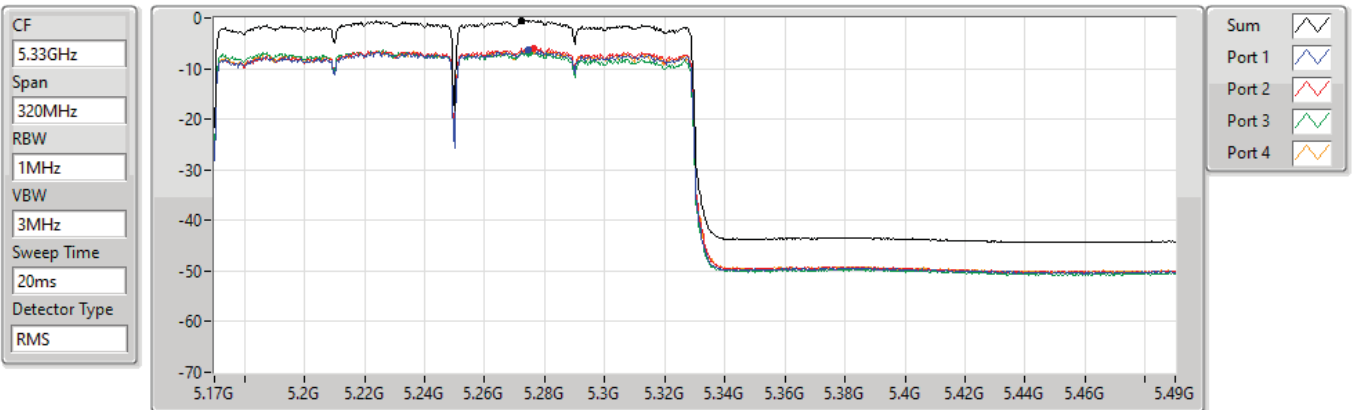
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.52	-0.52	-6.54	-6.37	-6.22	-6.40

802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

29/06/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.54	-0.54	-6.28	-6.09	-6.83	-6.48



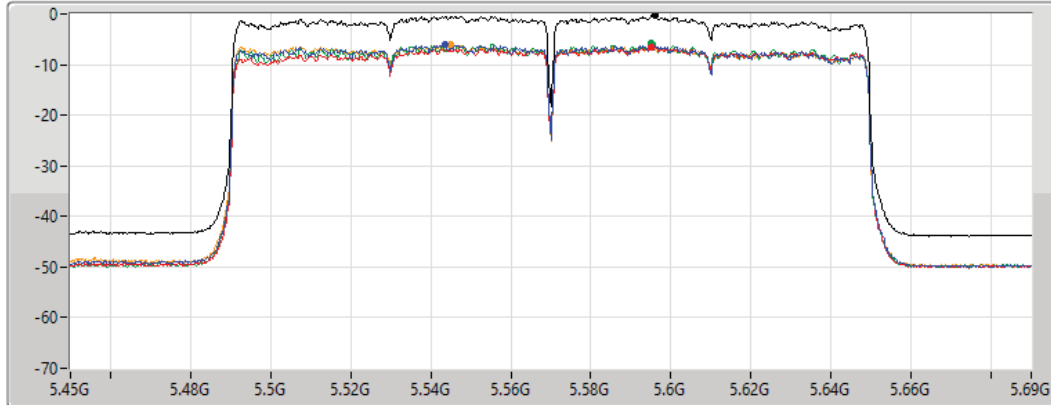
802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5570MHz

29/06/2022

CF
5.57GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.36	-0.36	-5.99	-6.64	-5.72	-6.13



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.53	17.30
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	10.64	14.41
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	5.24	9.01
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	0.39	4.16
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.75	13.11
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.49	10.85
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.33	7.69
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	0.09	3.45
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.13	15.29
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.64	12.80
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.25	9.41
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-1.22	3.94
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	5.64	9.49
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.32	7.17
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.15	6.00

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	6.16	6.86	8.55	5.58	12.15	17.00	15.92	23.00
5200MHz	Pass	3.77	7.60	7.05	8.07	7.29	13.49	17.00	17.26	23.00
5240MHz	Pass	3.77	8.15	8.03	6.17	7.78	13.53	17.00	17.30	23.00
5260MHz	Pass	3.36	3.56	3.65	3.21	2.75	9.08	11.00	12.44	17.00
5300MHz	Pass	3.36	3.83	4.42	4.07	3.47	9.75	11.00	13.11	17.00
5320MHz	Pass	3.36	3.80	3.63	4.20	3.33	9.55	11.00	12.91	17.00
5500MHz	Pass	5.16	3.88	3.66	4.18	3.72	9.72	11.00	14.88	17.00
5580MHz	Pass	5.16	4.29	4.42	4.66	3.66	10.13	11.00	15.29	17.00
5700MHz	Pass	5.16	2.72	2.16	1.61	3.47	7.08	11.00	12.24	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.16	0.71	1.29	1.38	0.27	6.82	11.00	11.98	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.85	1.42	-0.51	-0.49	-1.42	5.64	30.00	9.49	36.00
5745MHz	Pass	3.85	-0.79	-0.73	-0.97	-1.18	4.05	30.00	7.90	36.00
5785MHz	Pass	3.85	0.39	-0.59	-1.20	-2.33	4.49	30.00	8.34	36.00
5825MHz	Pass	3.85	-1.21	-1.37	-1.40	-1.20	3.72	30.00	7.57	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.77	0.96	0.22	-1.01	0.45	6.12	17.00	9.89	23.00
5230MHz	Pass	3.77	4.71	4.82	4.61	4.79	10.64	17.00	14.41	23.00
5270MHz	Pass	3.36	1.41	0.82	1.55	0.85	7.08	11.00	10.44	17.00
5310MHz	Pass	3.36	1.79	1.54	2.05	1.21	7.49	11.00	10.85	17.00
5510MHz	Pass	5.16	1.26	-2.32	0.80	0.89	6.09	11.00	11.25	17.00
5550MHz	Pass	5.16	2.00	1.89	2.27	1.34	7.64	11.00	12.80	17.00
5670MHz	Pass	5.16	0.65	0.74	0.53	0.17	6.38	11.00	11.54	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.16	-4.01	-1.12	-0.95	-1.59	4.00	11.00	9.16	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.85	-3.51	-2.97	-3.20	-3.73	2.59	30.00	6.44	36.00
5755MHz	Pass	3.85	-2.68	-2.99	-2.79	-3.51	2.94	30.00	6.79	36.00
5795MHz	Pass	3.85	-2.29	-2.72	-2.38	-2.54	3.32	30.00	7.17	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.77	-0.21	-0.33	-0.97	-0.81	5.24	17.00	9.01	23.00
5290MHz	Pass	3.36	-1.24	-1.41	-1.56	-1.73	4.33	11.00	7.69	17.00
5530MHz	Pass	5.16	-1.37	-1.62	-1.36	-1.81	4.25	11.00	9.41	17.00
5610MHz	Pass	5.16	-1.67	-1.84	-2.08	-2.31	3.86	11.00	9.02	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.16	-1.53	-2.17	-1.57	-2.23	3.90	11.00	9.06	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.85	-9.67	-3.88	-3.98	-4.84	0.86	30.00	4.71	36.00
5775MHz	Pass	3.85	-3.72	-3.87	-3.40	-4.01	2.15	30.00	6.00	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.77	-5.45	-5.20	-5.75	-5.87	0.39	17.00	4.16	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.36	-5.81	-5.56	-5.70	-6.15	0.09	11.00	3.45	17.00
5570MHz	Pass	5.16	-7.17	-6.50	-6.66	-7.48	-1.22	11.00	3.94	17.00

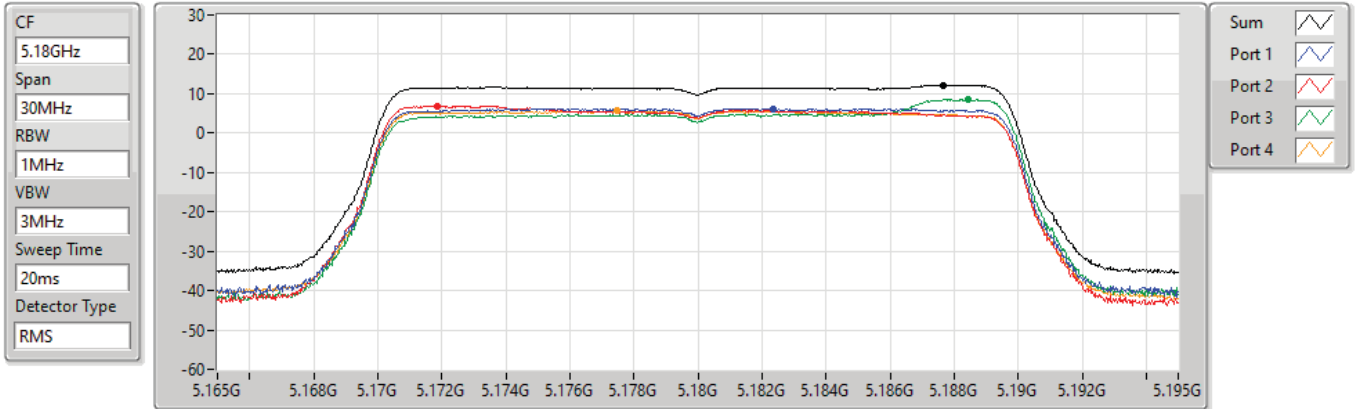
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

30/06/2022



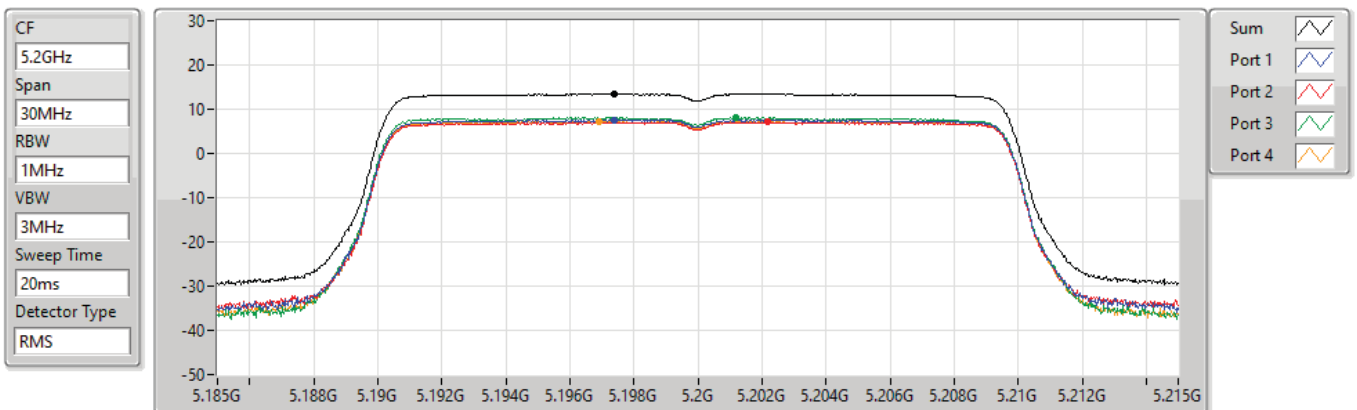
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.15	12.15	6.16	6.86	8.55	5.58

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

06/12/2022



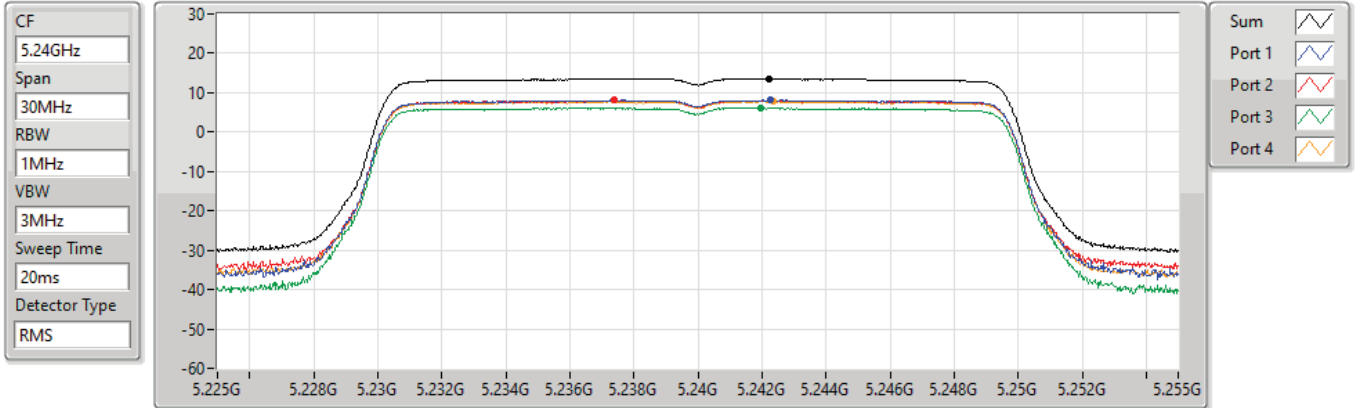
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.49	13.49	7.60	7.05	8.07	7.29

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

06/12/2022



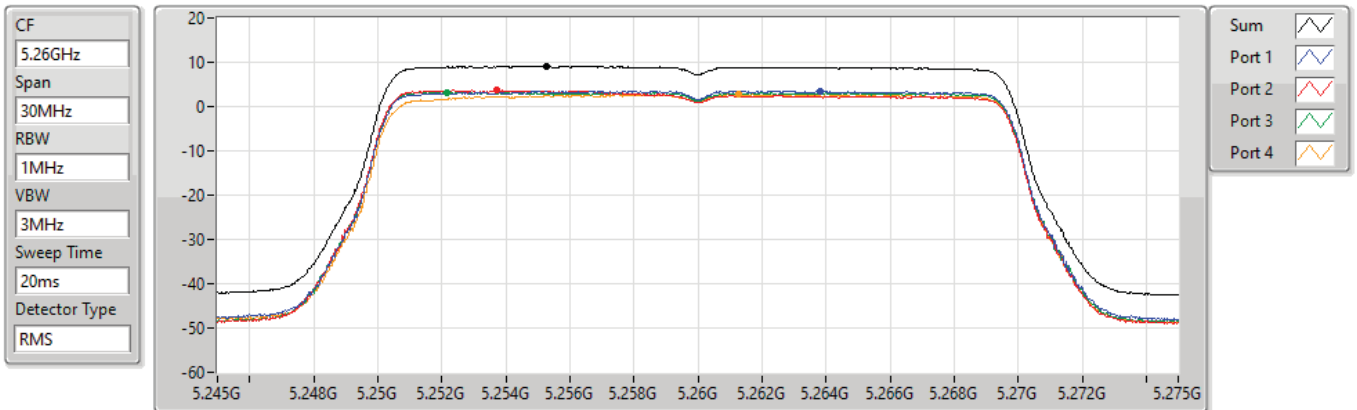
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.53	13.53	8.15	8.03	6.17	7.78

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

30/06/2022



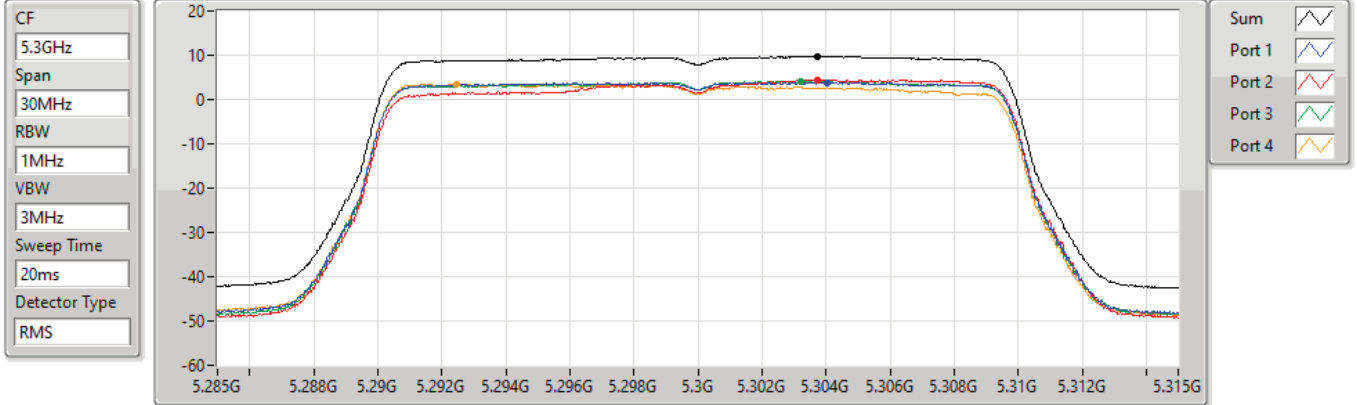
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.08	9.08	3.56	3.65	3.21	2.75

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

30/06/2022



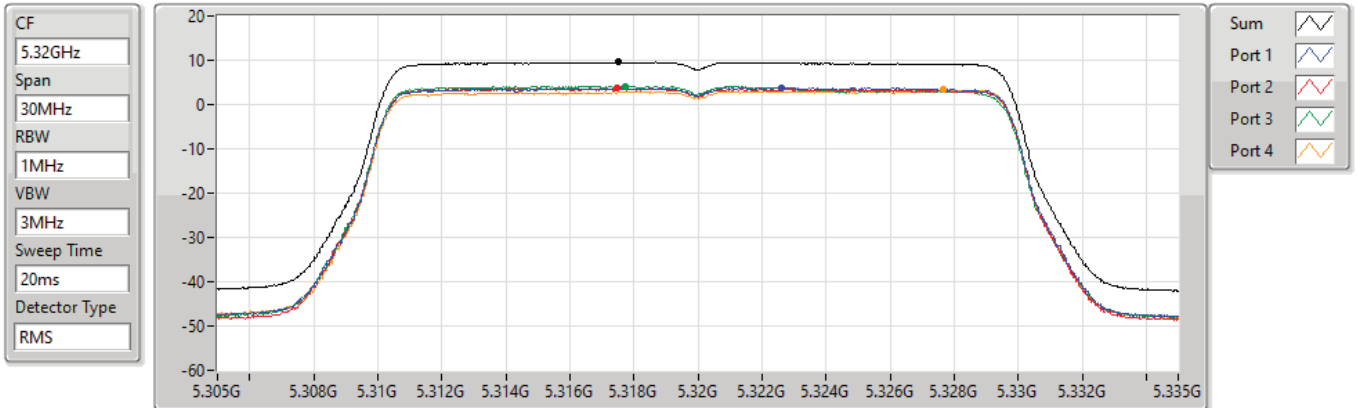
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.75	9.75	3.83	4.42	4.07	3.47

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

30/06/2022



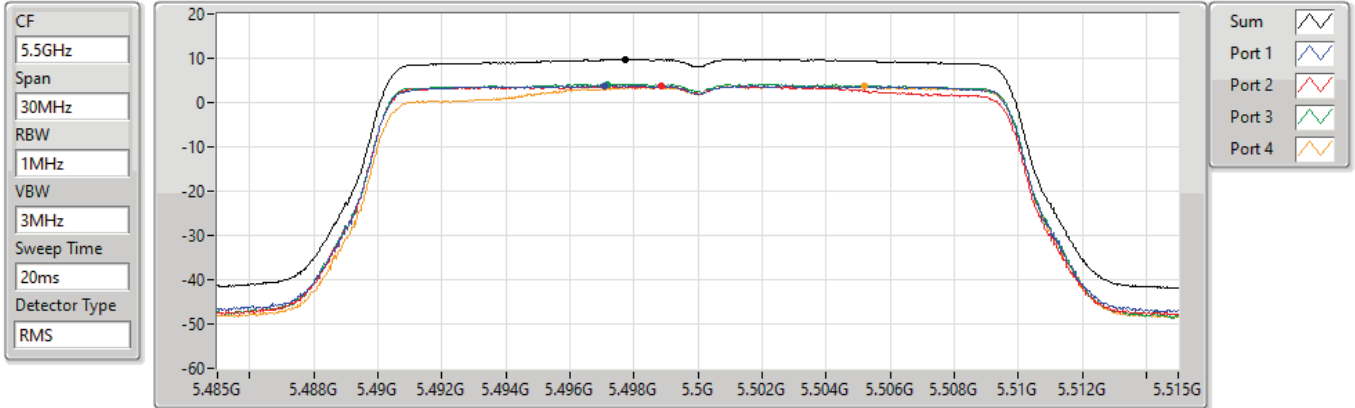
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.55	9.55	3.80	3.63	4.20	3.33

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

30/06/2022



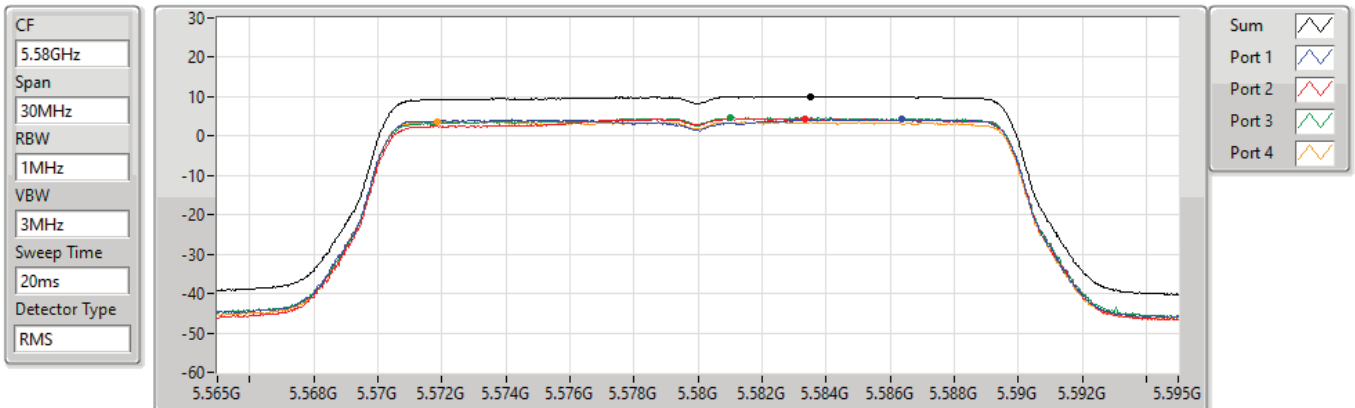
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.72	9.72	3.88	3.66	4.18	3.72

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

30/06/2022



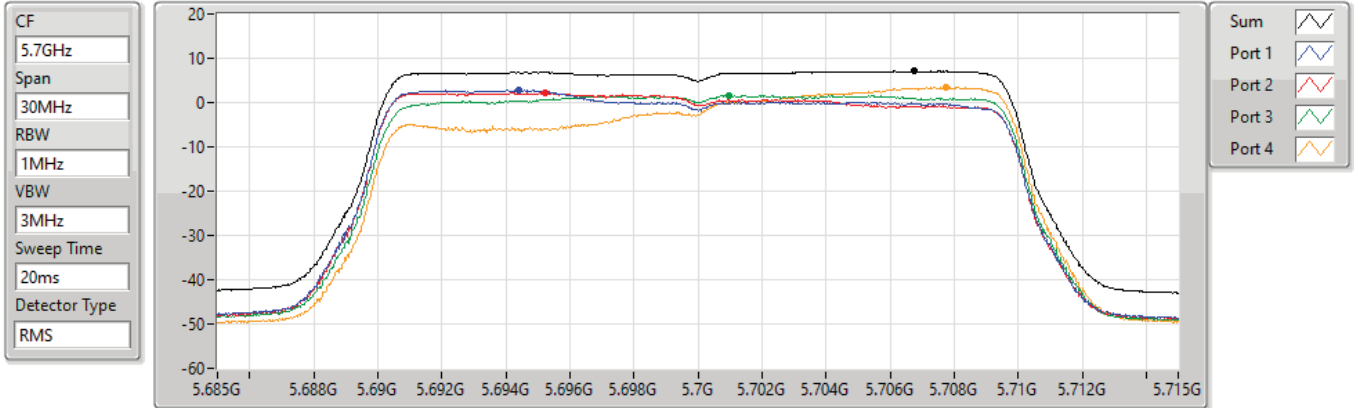
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.13	10.13	4.29	4.42	4.66	3.66

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

30/06/2022



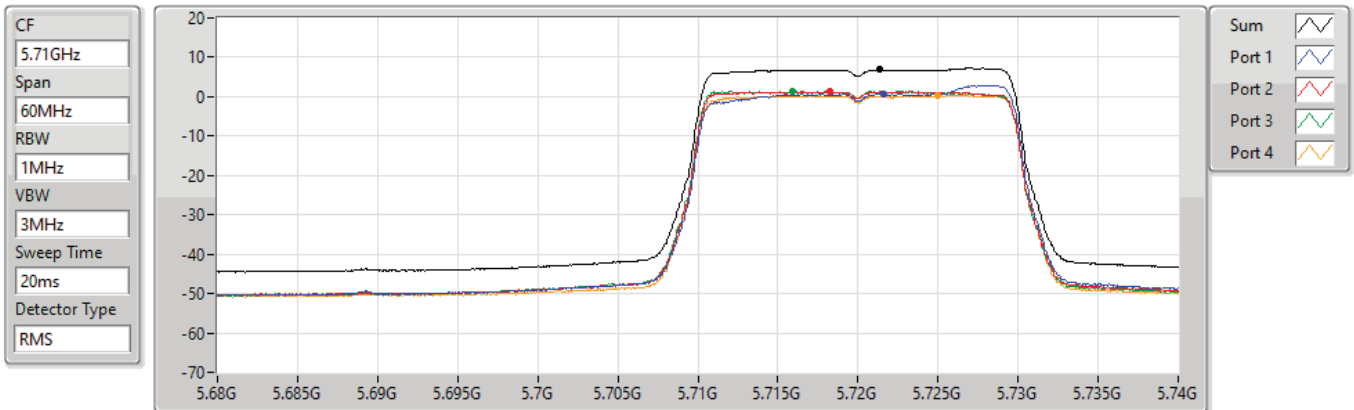
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.08	7.08	2.72	2.16	1.61	3.47

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

30/06/2022



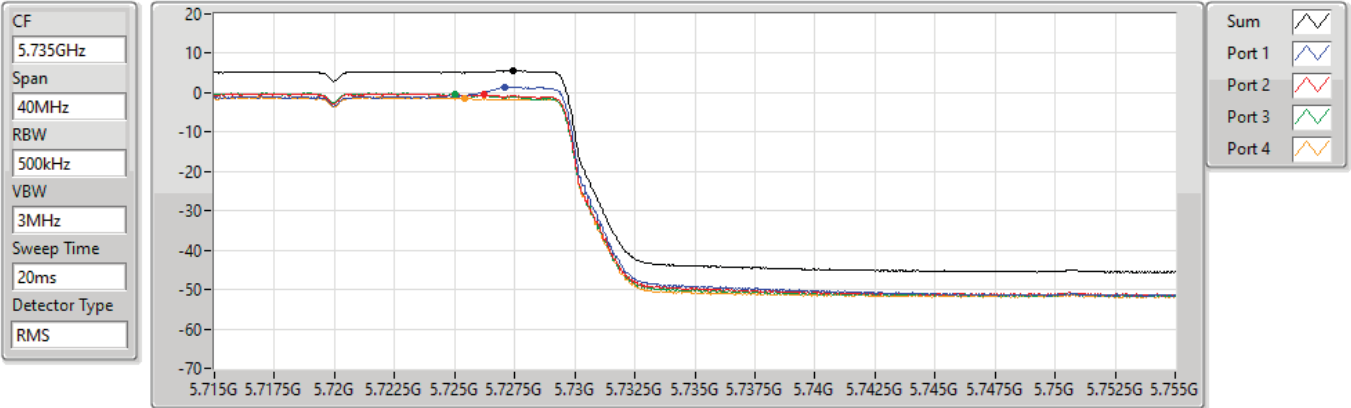
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.82	6.82	0.71	1.29	1.38	0.27

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

30/06/2022



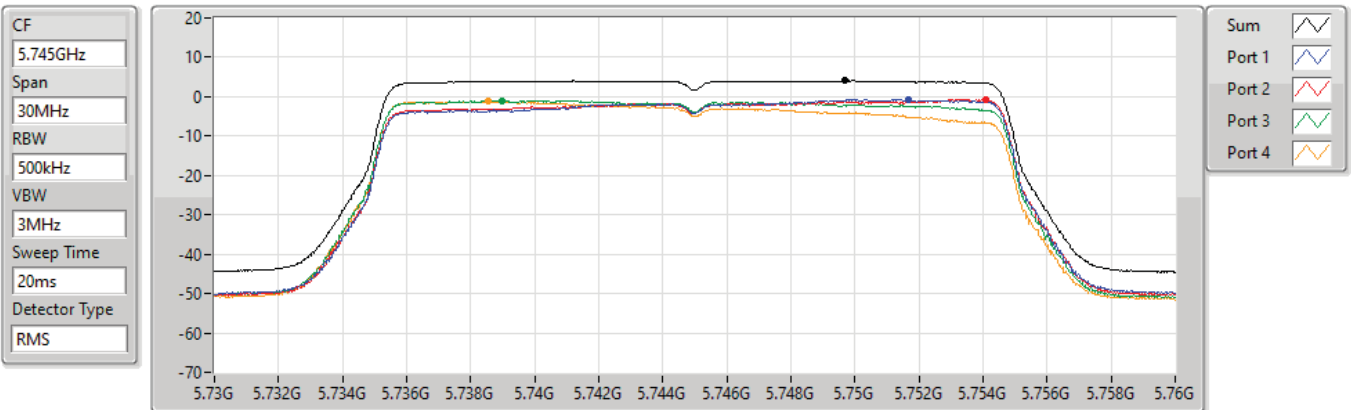
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.64	5.64	1.42	-0.51	-0.49	-1.42

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5745MHz

30/06/2022



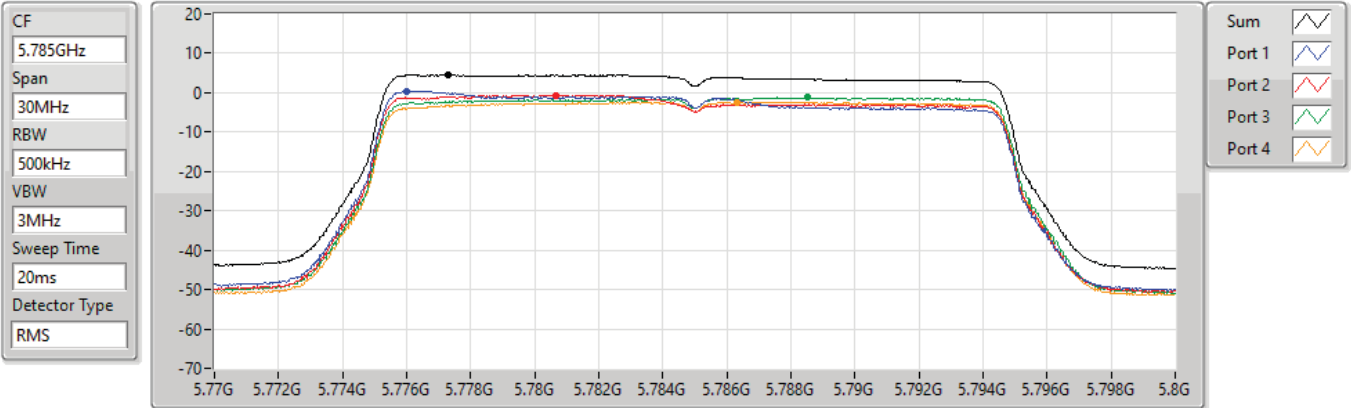
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.05	4.05	-0.79	-0.73	-0.97	-1.18

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

30/06/2022



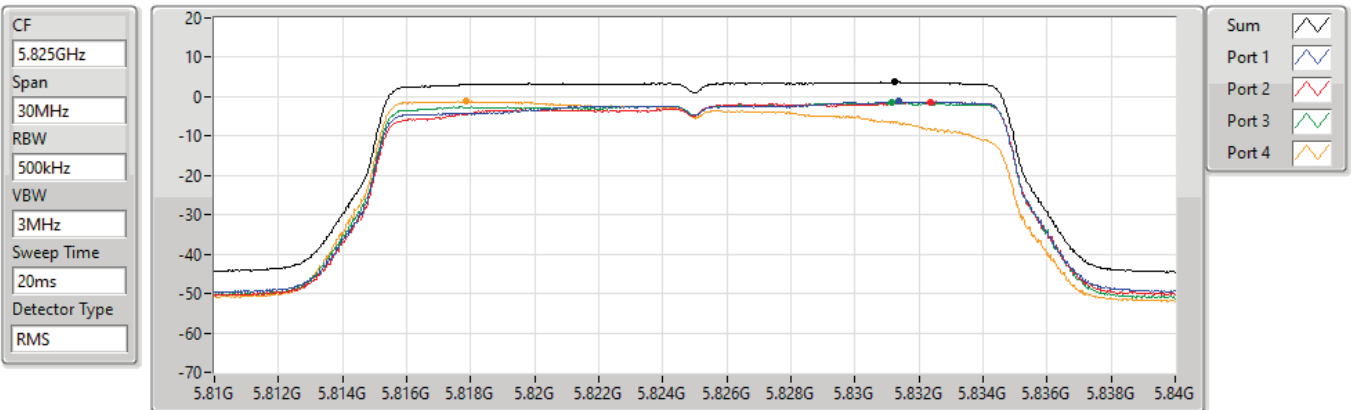
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.49	4.49	0.39	-0.59	-1.20	-2.33

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

30/06/2022



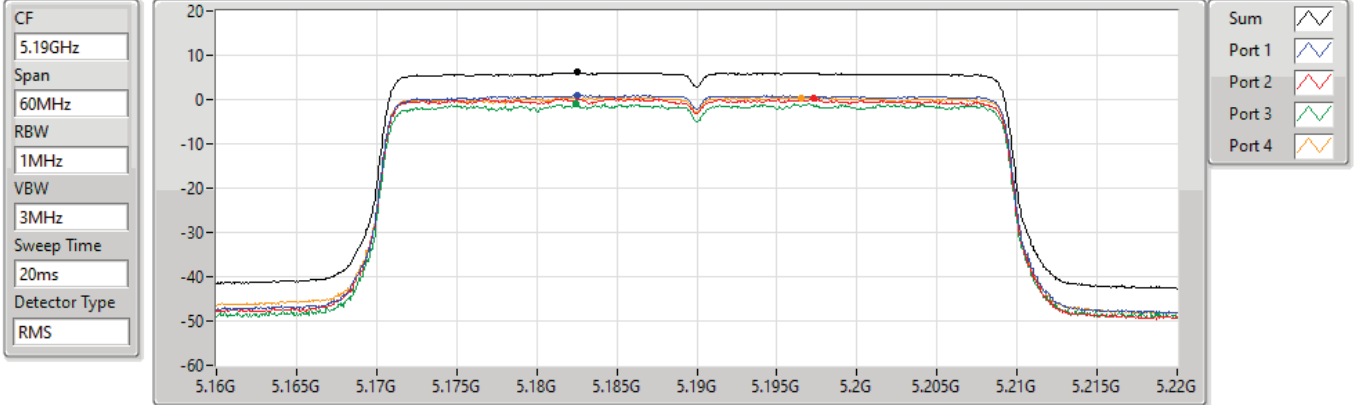
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.72	3.72	-1.21	-1.37	-1.40	-1.20

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

30/06/2022



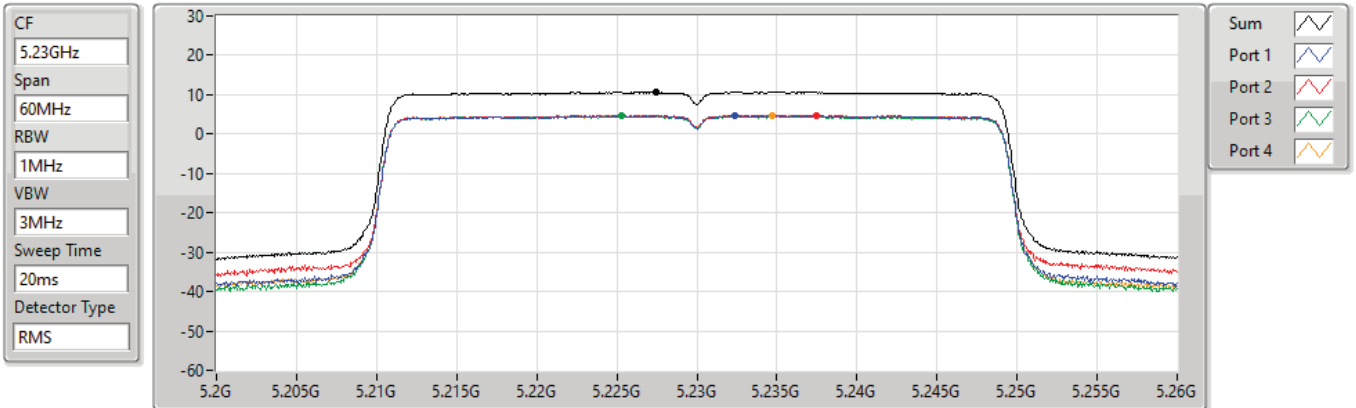
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.12	6.12	0.96	0.22	-1.01	0.45

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

06/12/2022



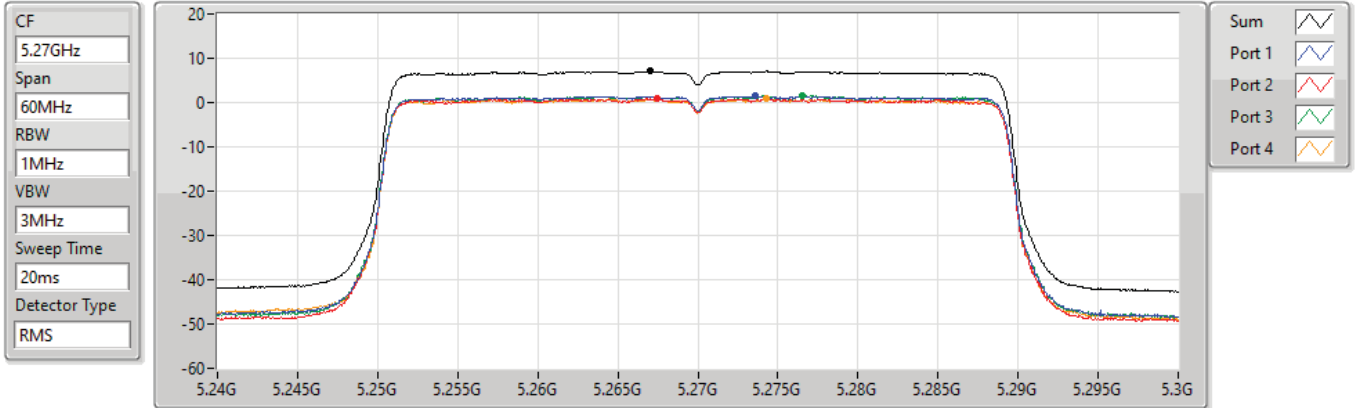
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.64	10.64	4.71	4.82	4.61	4.79

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

30/06/2022



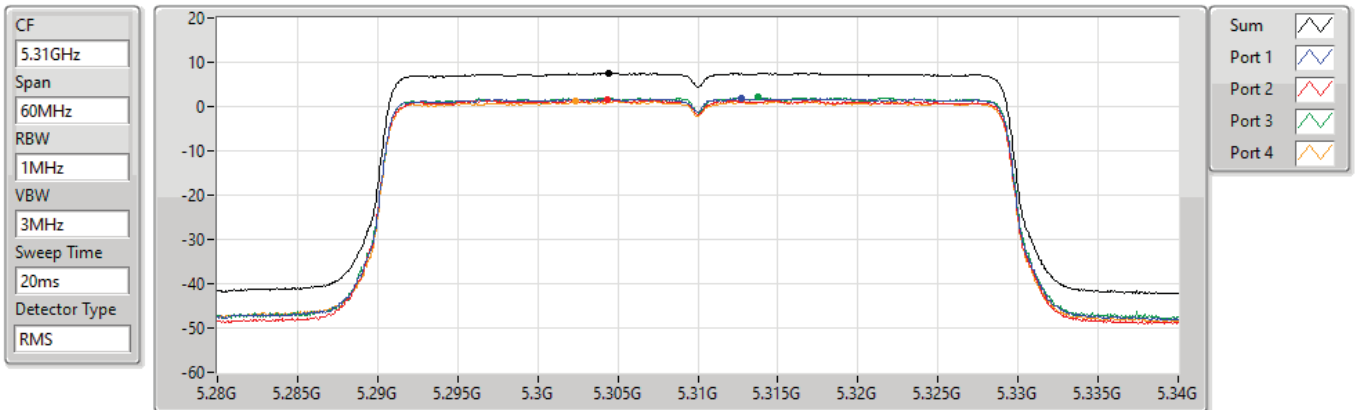
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.08	7.08	1.41	0.82	1.55	0.85

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

30/06/2022



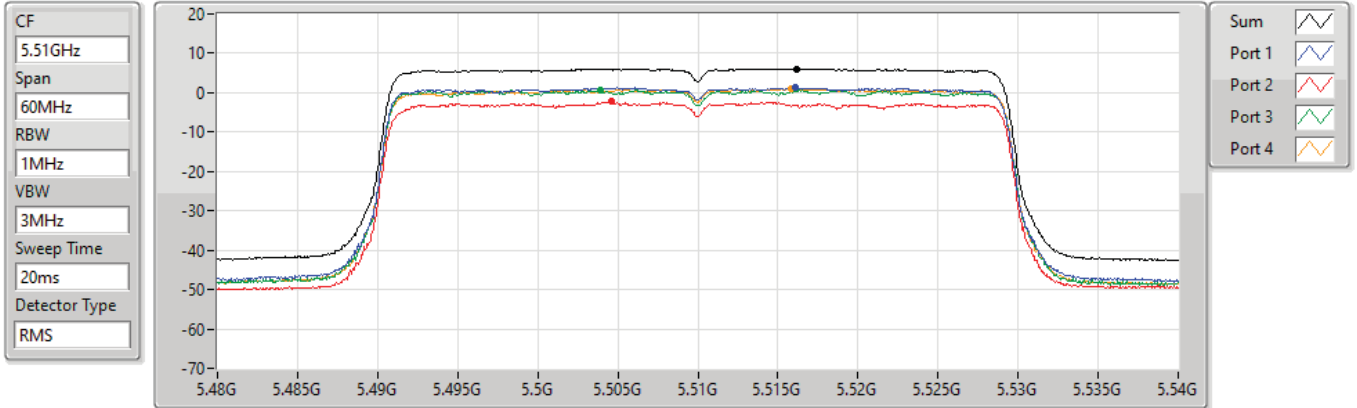
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.49	7.49	1.79	1.54	2.05	1.21

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

30/06/2022



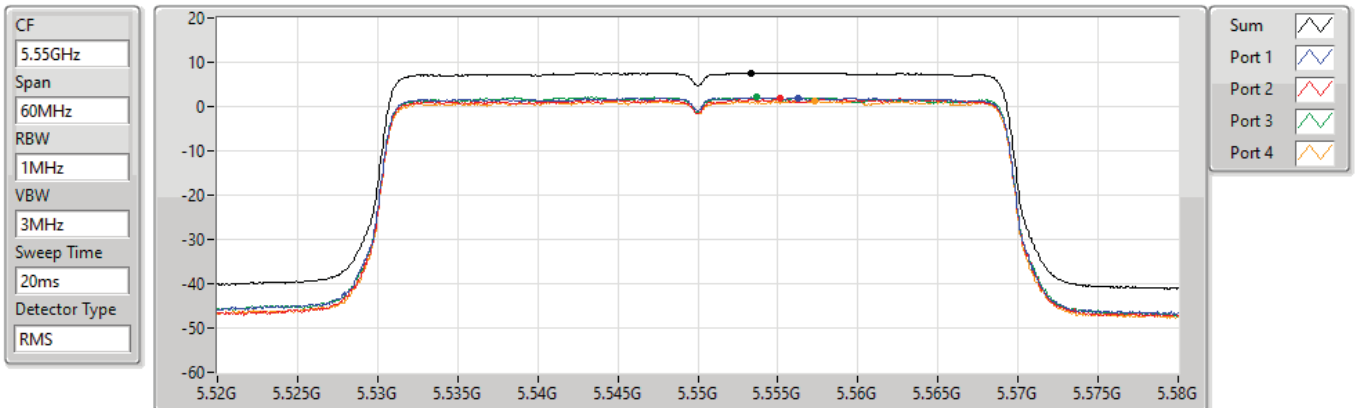
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.09	6.09	1.26	-2.32	0.80	0.89

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

30/06/2022



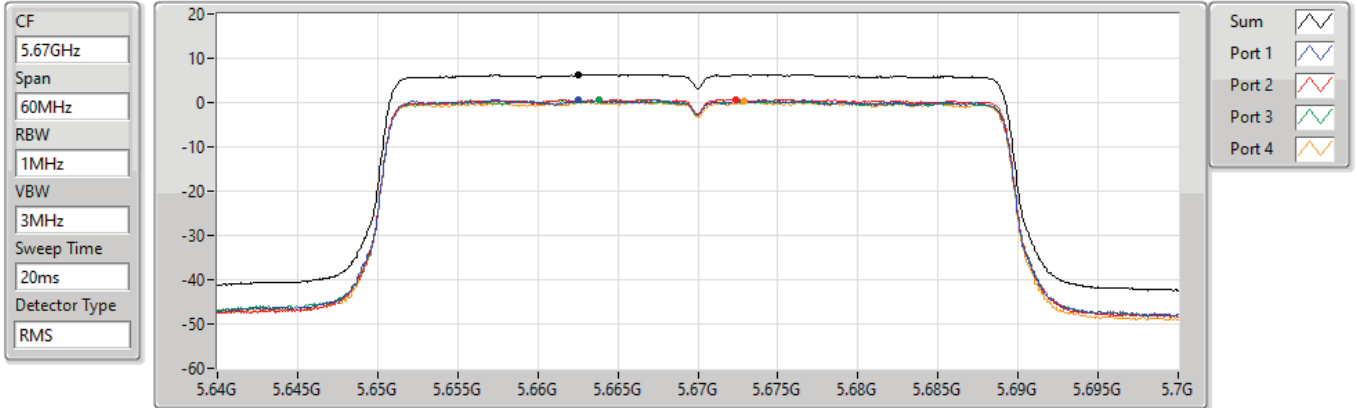
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.64	7.64	2.00	1.89	2.27	1.34

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

30/06/2022



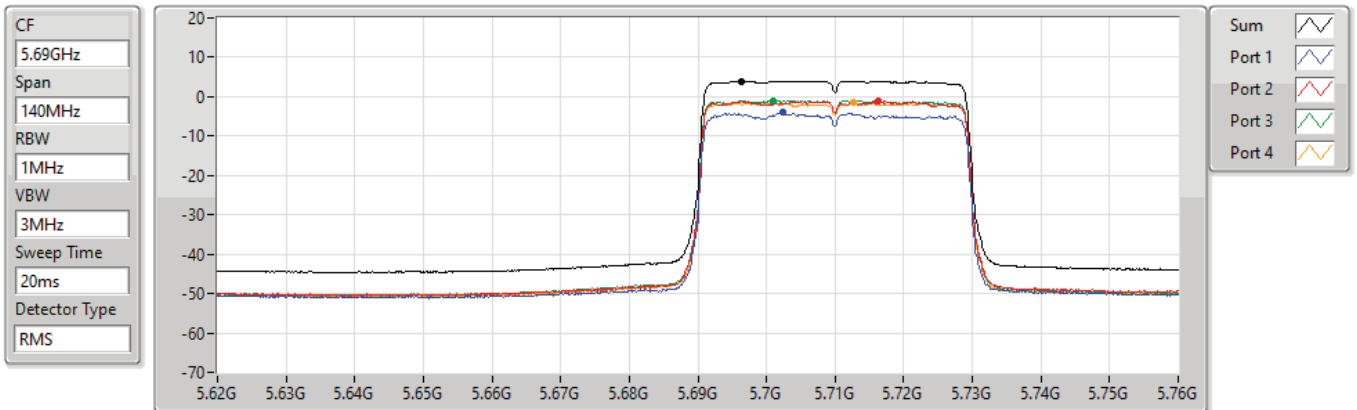
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.38	6.38	0.65	0.74	0.53	0.17

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

30/06/2022



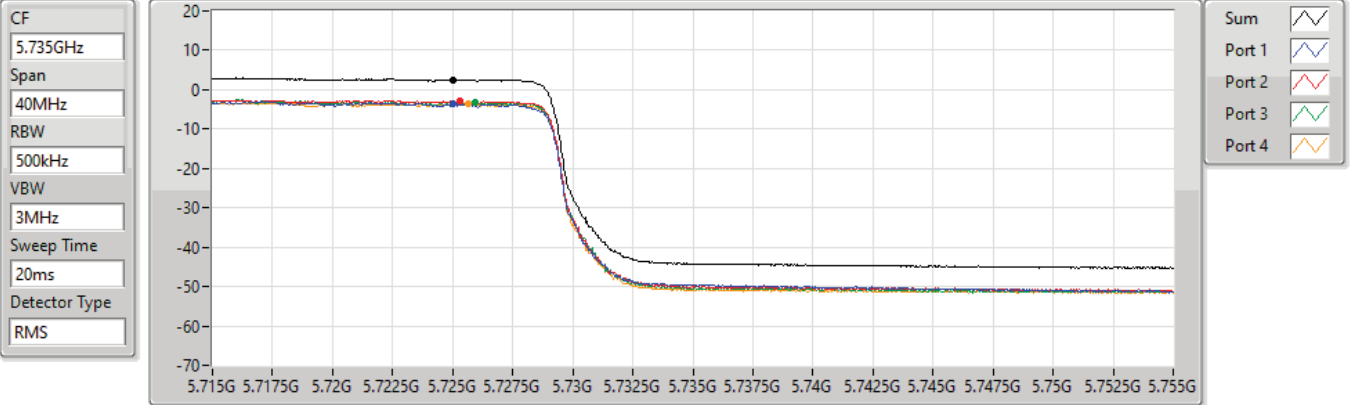
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.00	4.00	-4.01	-1.12	-0.95	-1.59

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

30/06/2022



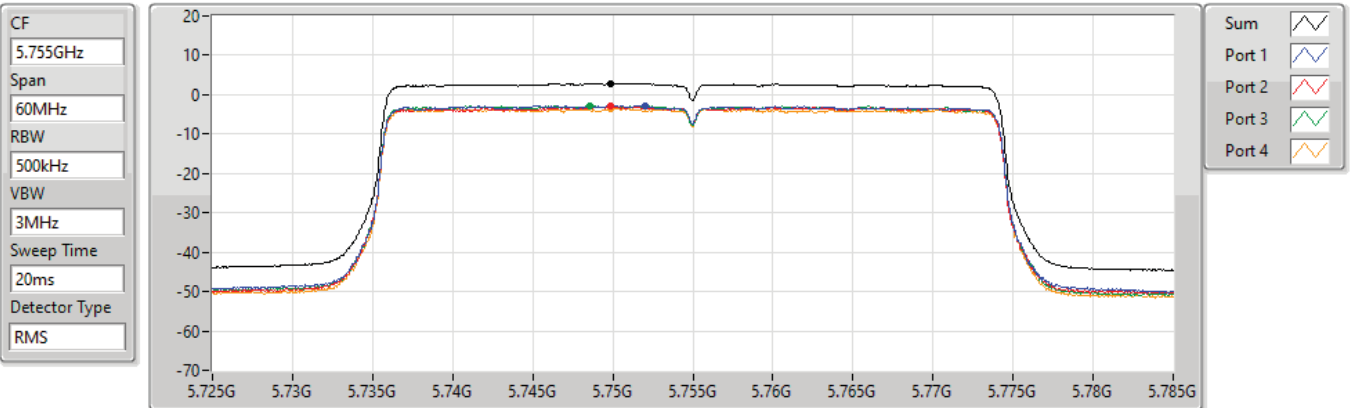
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.59	2.59	-3.51	-2.97	-3.20	-3.73

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

30/06/2022



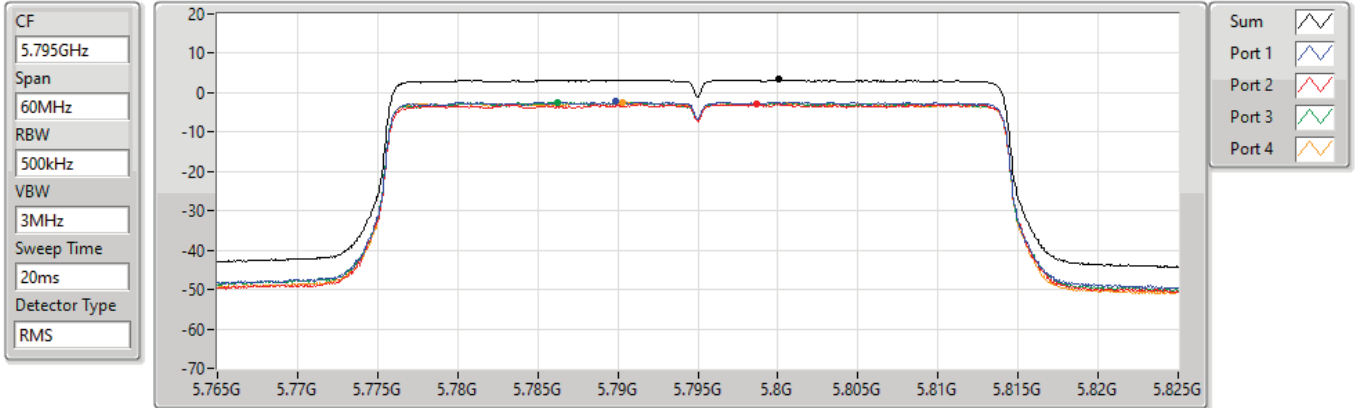
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.94	2.94	-2.68	-2.99	-2.79	-3.51

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

30/06/2022



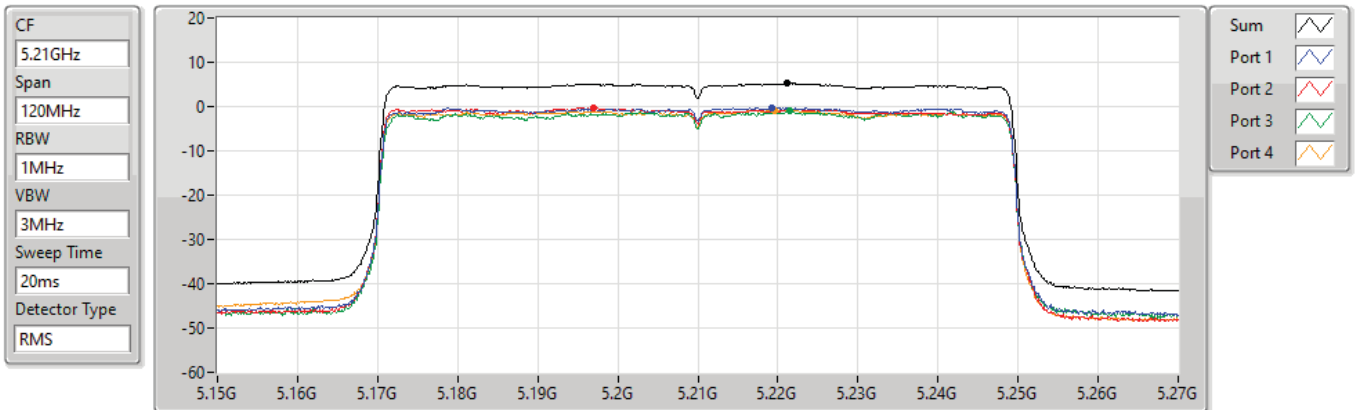
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.32	3.32	-2.29	-2.72	-2.38	-2.54

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

30/06/2022



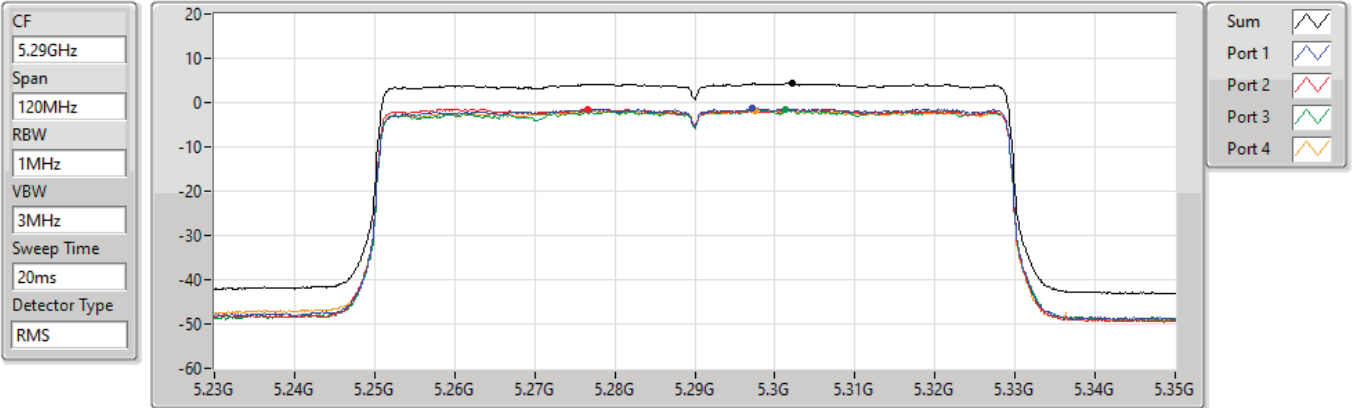
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.24	5.24	-0.21	-0.33	-0.97	-0.81

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

30/06/2022



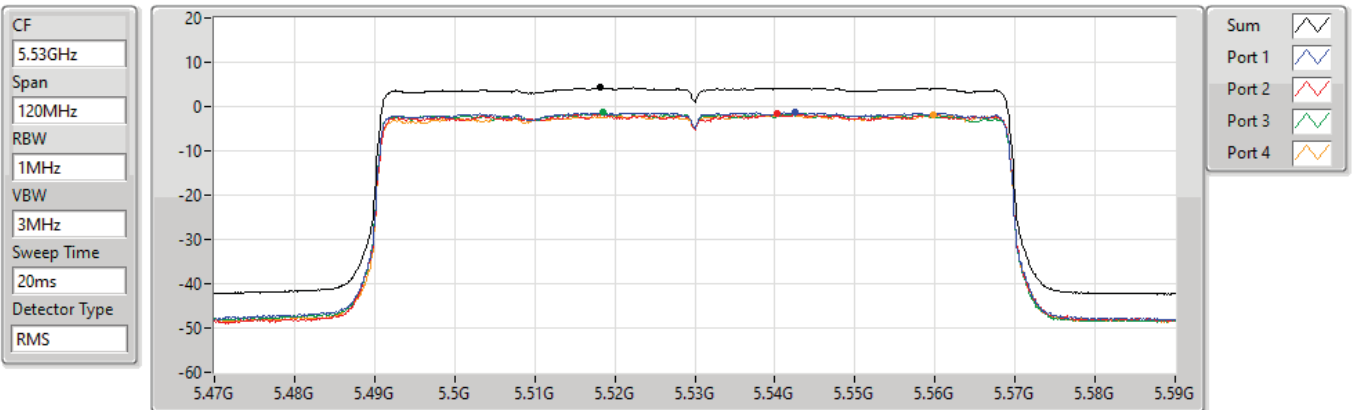
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.33	4.33	-1.24	-1.41	-1.56	-1.73

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

30/06/2022



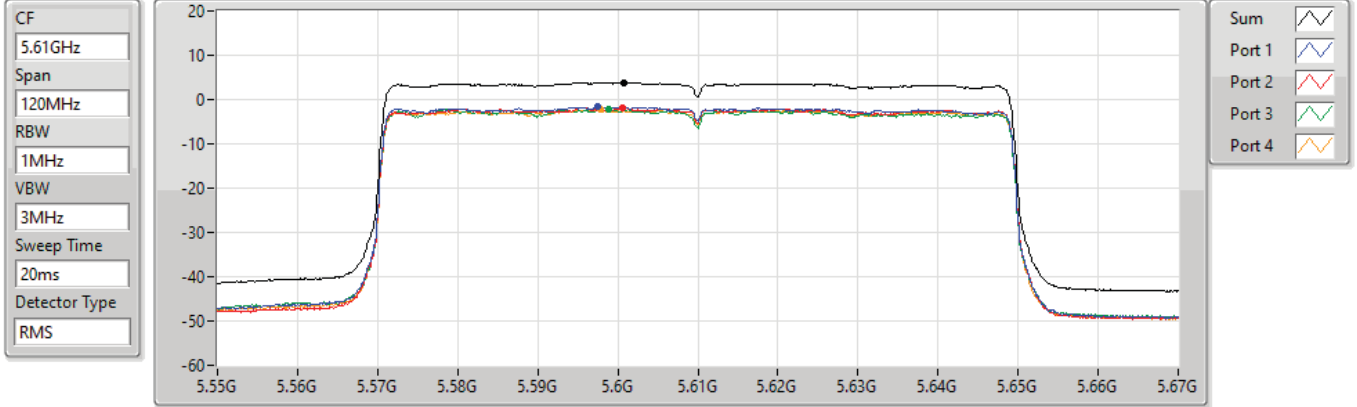
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.25	4.25	-1.37	-1.62	-1.36	-1.81

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

30/06/2022



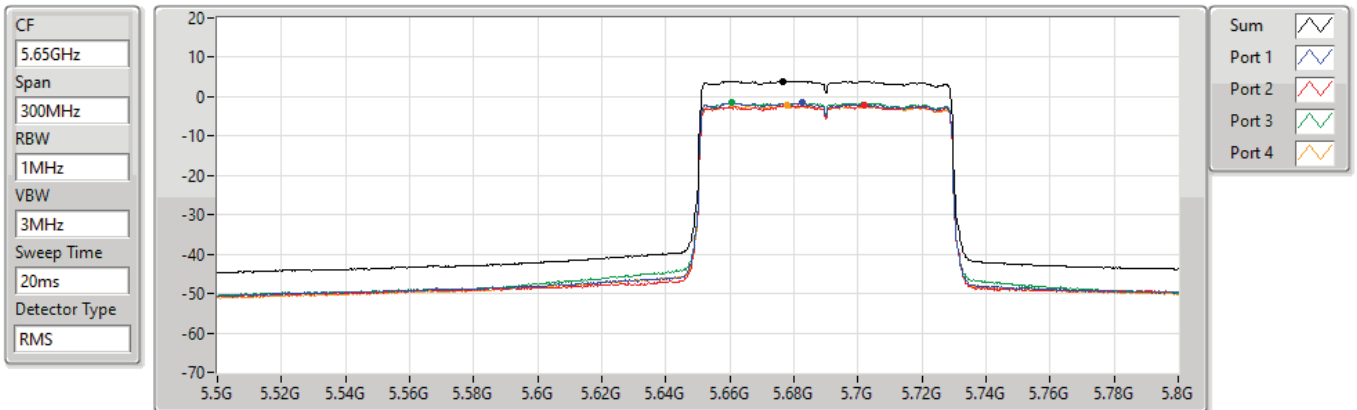
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.86	3.86	-1.67	-1.84	-2.08	-2.31

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

30/06/2022



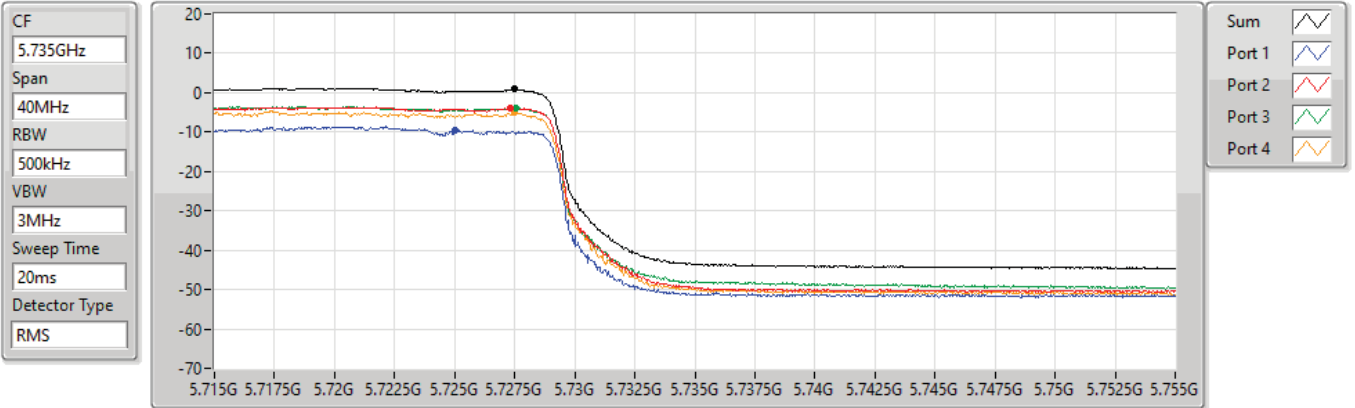
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.90	3.90	-1.53	-2.17	-1.57	-2.23

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

30/06/2022



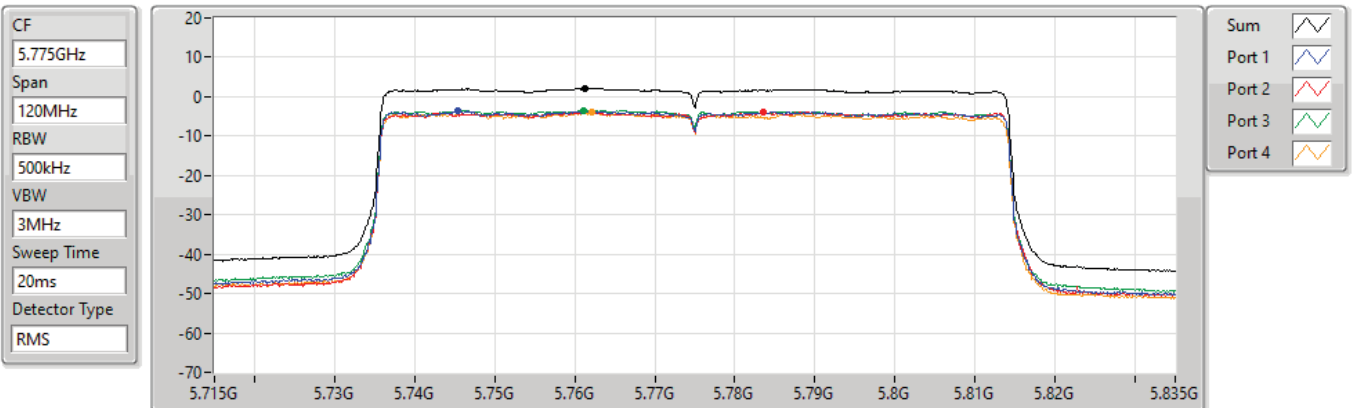
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.86	0.86	-9.67	-3.88	-3.98	-4.84

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

30/06/2022



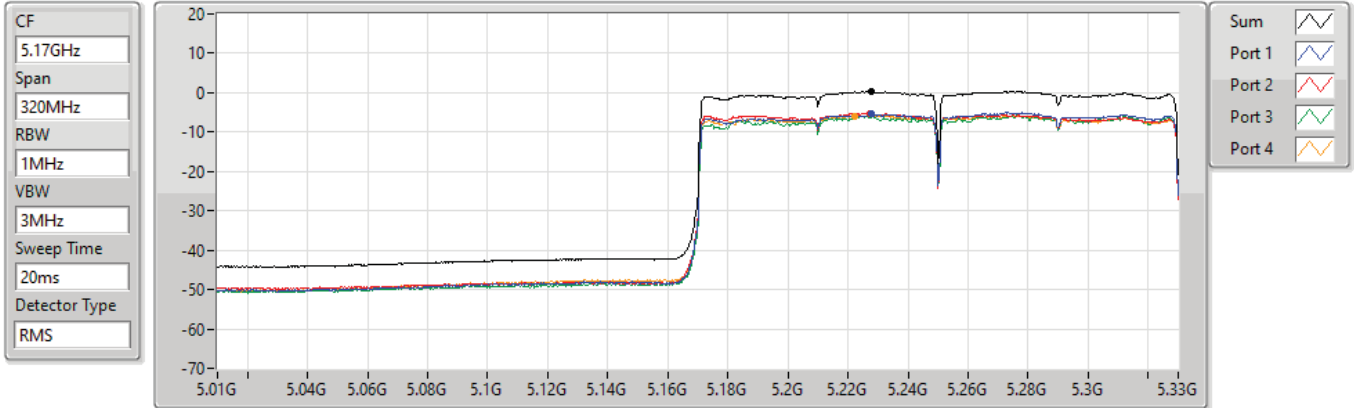
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.15	2.15	-3.72	-3.87	-3.40	-4.01

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

30/06/2022



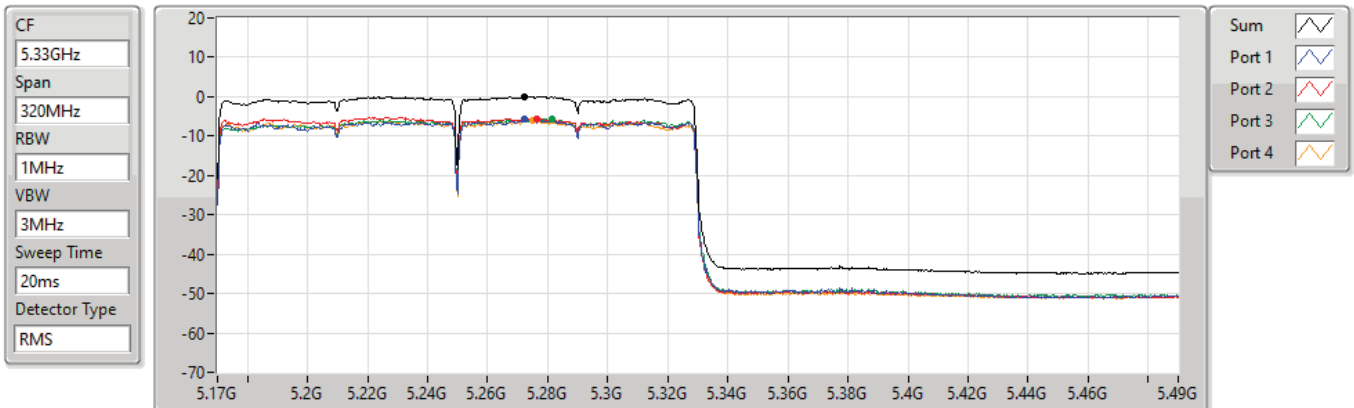
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.39	0.39	-5.45	-5.20	-5.75	-5.87

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

30/06/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.09	0.09	-5.81	-5.56	-5.70	-6.15

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5570MHz

30/06/2022

CF
5.57GHz

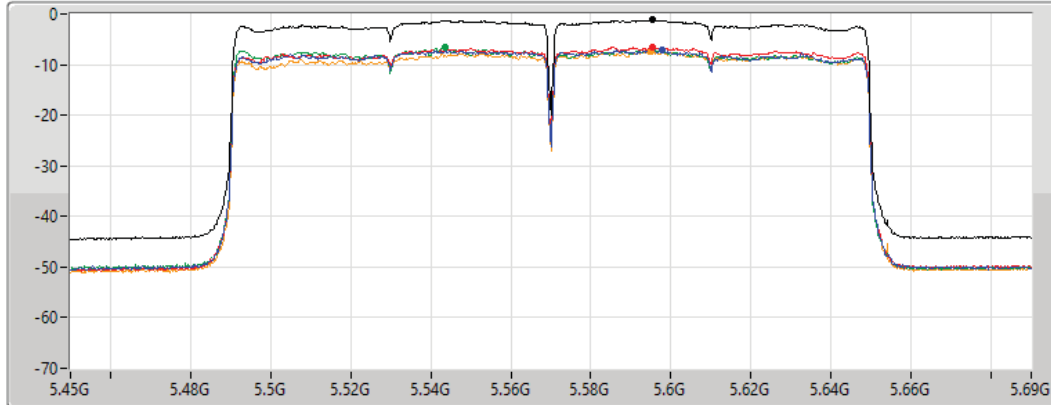
Span
240MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms


Detector Type
RMS




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.22	-1.22	-7.17	-6.50	-6.66	-7.48



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	5.1496G	53.85	54.00	-0.15	3	Vertical	305	1.88	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	15.59946G	53.81	54.00	-0.19	3	Vertical	81	1.29	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.1476G	53.87	54.00	-0.13	3	Horizontal	360	1.91	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.149G	53.64	54.00	-0.36	3	Vertical	229	2.32	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	10.6003G	53.84	54.00	-0.16	3	Horizontal	230	1.88	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	15.77964G	53.40	54.00	-0.60	3	Vertical	77	1.29	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.3536G	53.55	54.00	-0.45	3	Vertical	84	1.47	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.354G	53.13	54.00	-0.87	3	Vertical	82	1.50	-
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	AV	5.1432G	53.33	54.00	-0.67	3	Horizontal	189	2.07	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	11.39724G	53.88	54.00	-0.12	3	Horizontal	239	1.50	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	11.1626G	53.59	54.00	-0.41	3	Horizontal	223	2.53	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	11.33934G	53.89	54.00	-0.11	3	Horizontal	247	1.49	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	11.37616G	53.86	54.00	-0.14	3	Horizontal	233	1.42	-
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	AV	5.4524G	53.40	54.00	-0.60	3	Vertical	70	2.80	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	11.65024G	53.87	54.00	-0.13	3	Horizontal	248	1.44	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	11.57176G	53.86	54.00	-0.14	3	Horizontal	234	1.50	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	11.59G	53.60	54.00	-0.40	3	Horizontal	250	1.46	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	11.54692G	53.81	54.00	-0.19	3	Horizontal	237	1.46	-



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	5.1496G	53.85	54.00	-0.15	3	Vertical	305	1.88	-
5180MHz	Pass	AV	5.178G	110.42	Inf	-Inf	3	Vertical	305	1.88	-
5180MHz	Pass	PK	5.148G	73.58	74.00	-0.42	3	Vertical	305	1.88	-
5180MHz	Pass	PK	5.1782G	119.36	Inf	-Inf	3	Vertical	305	1.88	-
5180MHz	Pass	AV	5.15G	53.17	54.00	-0.83	3	Horizontal	318	1.79	-
5180MHz	Pass	AV	5.1792G	111.49	Inf	-Inf	3	Horizontal	318	1.79	-
5180MHz	Pass	PK	5.1488G	70.73	74.00	-3.27	3	Horizontal	318	1.79	-
5180MHz	Pass	PK	5.178G	119.69	Inf	-Inf	3	Horizontal	318	1.79	-
5180MHz	Pass	AV	15.53764G	48.03	54.00	-5.97	3	Vertical	80	1.31	-
5180MHz	Pass	PK	10.3646G	58.70	68.20	-9.50	3	Vertical	260	1.43	-
5180MHz	Pass	PK	15.53976G	64.25	74.00	-9.75	3	Vertical	80	1.31	-
5180MHz	Pass	AV	15.53932G	47.31	54.00	-6.69	3	Horizontal	222	1.50	-
5180MHz	Pass	PK	10.35944G	61.14	68.20	-7.06	3	Horizontal	228	1.42	-
5180MHz	Pass	PK	15.5396G	61.54	74.00	-12.46	3	Horizontal	222	1.50	-
5200MHz	Pass	AV	5.1464G	51.00	54.00	-3.00	3	Vertical	347	1.50	-
5200MHz	Pass	AV	5.1952G	111.45	Inf	-Inf	3	Vertical	347	1.50	-
5200MHz	Pass	PK	5.1464G	64.38	74.00	-9.62	3	Vertical	347	1.50	-
5200MHz	Pass	PK	5.1948G	119.09	Inf	-Inf	3	Vertical	347	1.50	-
5200MHz	Pass	AV	5.15G	51.51	54.00	-2.49	3	Horizontal	312	1.75	-
5200MHz	Pass	AV	5.1984G	113.42	Inf	-Inf	3	Horizontal	312	1.75	-
5200MHz	Pass	PK	5.1392G	63.06	74.00	-10.94	3	Horizontal	312	1.75	-
5200MHz	Pass	PK	5.1984G	121.08	Inf	-Inf	3	Horizontal	312	1.75	-
5200MHz	Pass	AV	15.59874G	53.27	54.00	-0.73	3	Vertical	81	1.28	-
5200MHz	Pass	PK	10.39112G	61.57	68.20	-6.63	3	Vertical	264	2.97	-
5200MHz	Pass	PK	15.59868G	68.30	74.00	-5.70	3	Vertical	81	1.28	-
5200MHz	Pass	AV	15.59898G	51.06	54.00	-2.94	3	Horizontal	220	3.00	-
5200MHz	Pass	PK	10.40054G	63.52	68.20	-4.68	3	Horizontal	230	1.50	-
5200MHz	Pass	PK	15.59898G	65.80	74.00	-8.20	3	Horizontal	220	3.00	-
5240MHz	Pass	AV	5.1488G	50.06	54.00	-3.94	3	Vertical	351	1.59	-
5240MHz	Pass	AV	5.2346G	112.34	Inf	-Inf	3	Vertical	351	1.59	-
5240MHz	Pass	AV	5.36G	47.90	54.00	-6.10	3	Vertical	351	1.59	-
5240MHz	Pass	PK	5.1344G	61.59	74.00	-12.41	3	Vertical	351	1.59	-
5240MHz	Pass	PK	5.2346G	120.34	Inf	-Inf	3	Vertical	351	1.59	-
5240MHz	Pass	PK	5.35G	59.30	74.00	-14.70	3	Vertical	351	1.59	-
5240MHz	Pass	AV	5.1362G	50.04	54.00	-3.96	3	Horizontal	191	2.66	-
5240MHz	Pass	AV	5.2358G	114.01	Inf	-Inf	3	Horizontal	191	2.66	-
5240MHz	Pass	AV	5.3834G	48.74	54.00	-5.26	3	Horizontal	191	2.66	-
5240MHz	Pass	PK	5.1278G	60.62	74.00	-13.38	3	Horizontal	191	2.66	-
5240MHz	Pass	PK	5.2358G	121.00	Inf	-Inf	3	Horizontal	191	2.66	-
5240MHz	Pass	PK	5.3582G	59.62	74.00	-14.38	3	Horizontal	191	2.66	-
5240MHz	Pass	AV	15.7188G	53.66	54.00	-0.34	3	Vertical	80	1.31	-
5240MHz	Pass	PK	10.48618G	61.59	68.20	-6.61	3	Vertical	261	2.26	-
5240MHz	Pass	PK	15.71862G	67.81	74.00	-6.19	3	Vertical	80	1.31	-
5240MHz	Pass	AV	15.7179G	51.25	54.00	-2.75	3	Horizontal	220	1.43	-
5240MHz	Pass	PK	10.4764G	62.91	68.20	-5.29	3	Horizontal	294	1.50	-
5240MHz	Pass	PK	15.71856G	65.69	74.00	-8.31	3	Horizontal	220	1.43	-
5260MHz	Pass	AV	5.1166G	50.05	54.00	-3.95	3	Vertical	353	1.96	-
5260MHz	Pass	AV	5.2546G	112.62	Inf	-Inf	3	Vertical	353	1.96	-
5260MHz	Pass	AV	5.3536G	48.70	54.00	-5.30	3	Vertical	353	1.96	-
5260MHz	Pass	PK	5.1436G	61.10	74.00	-12.90	3	Vertical	353	1.96	-
5260MHz	Pass	PK	5.252G	120.12	Inf	-Inf	3	Vertical	353	1.96	-
5260MHz	Pass	PK	5.365G	59.36	74.00	-14.64	3	Vertical	353	1.96	-
5260MHz	Pass	AV	5.143G	49.91	54.00	-4.09	3	Horizontal	183	1.96	-
5260MHz	Pass	AV	5.254G	114.52	Inf	-Inf	3	Horizontal	183	1.96	-
5260MHz	Pass	AV	5.353G	49.64	54.00	-4.36	3	Horizontal	183	1.96	-
5260MHz	Pass	PK	5.1472G	61.09	74.00	-12.91	3	Horizontal	183	1.96	-
5260MHz	Pass	PK	5.2546G	122.08	Inf	-Inf	3	Horizontal	183	1.96	-
5260MHz	Pass	PK	5.3746G	60.14	74.00	-13.86	3	Horizontal	183	1.96	-
5260MHz	Pass	AV	15.7772G	53.01	54.00	-0.99	3	Vertical	82	1.30	-
5260MHz	Pass	PK	10.52576G	62.81	68.20	-5.39	3	Vertical	255	2.79	-



RSE TX above 1GHz_Non-Beamforming

Appendix D.1

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	PK	15.7772G	66.24	74.00	-7.76	3	Vertical	82	1.30	-
5260MHz	Pass	AV	15.77968G	52.09	54.00	-1.91	3	Horizontal	221	1.48	-
5260MHz	Pass	PK	10.51832G	64.05	68.20	-4.15	3	Horizontal	296	1.48	-
5260MHz	Pass	PK	15.77792G	65.41	74.00	-8.59	3	Horizontal	221	1.48	-
5300MHz	Pass	AV	5.2988G	111.89	Inf	-Inf	3	Vertical	80	2.20	-
5300MHz	Pass	AV	5.3508G	50.86	54.00	-3.14	3	Vertical	80	2.20	-
5300MHz	Pass	PK	5.298G	119.55	Inf	-Inf	3	Vertical	80	2.20	-
5300MHz	Pass	PK	5.3504G	63.95	74.00	-10.05	3	Vertical	80	2.20	-
5300MHz	Pass	AV	5.2944G	113.58	Inf	-Inf	3	Horizontal	182	2.12	-
5300MHz	Pass	AV	5.3532G	50.24	54.00	-3.76	3	Horizontal	182	2.12	-
5300MHz	Pass	PK	5.294G	121.55	Inf	-Inf	3	Horizontal	182	2.12	-
5300MHz	Pass	PK	5.352G	65.71	74.00	-8.29	3	Horizontal	182	2.12	-
5300MHz	Pass	AV	10.60264G	50.71	54.00	-3.29	3	Vertical	252	2.48	-
5300MHz	Pass	AV	15.89868G	49.43	54.00	-4.57	3	Vertical	78	1.27	-
5300MHz	Pass	PK	10.60264G	61.19	74.00	-12.81	3	Vertical	252	2.48	-
5300MHz	Pass	PK	15.90036G	61.12	74.00	-12.88	3	Vertical	78	1.27	-
5300MHz	Pass	AV	10.6003G	53.84	54.00	-0.16	3	Horizontal	230	1.88	-
5300MHz	Pass	AV	15.89898G	49.23	54.00	-4.77	3	Horizontal	221	1.50	-
5300MHz	Pass	PK	10.6012G	64.65	74.00	-9.35	3	Horizontal	230	1.88	-
5300MHz	Pass	PK	15.90036G	60.21	74.00	-13.79	3	Horizontal	221	1.50	-
5320MHz	Pass	AV	5.3128G	109.07	Inf	-Inf	3	Vertical	64	1.50	-
5320MHz	Pass	AV	5.3518G	51.96	54.00	-2.04	3	Vertical	64	1.50	-
5320MHz	Pass	PK	5.3124G	116.95	Inf	-Inf	3	Vertical	64	1.50	-
5320MHz	Pass	PK	5.352G	73.55	74.00	-0.45	3	Vertical	64	1.50	-
5320MHz	Pass	AV	5.3142G	110.77	Inf	-Inf	3	Horizontal	183	1.91	-
5320MHz	Pass	AV	5.3514G	51.53	54.00	-2.47	3	Horizontal	183	1.91	-
5320MHz	Pass	PK	5.3146G	118.79	Inf	-Inf	3	Horizontal	183	1.91	-
5320MHz	Pass	PK	5.3532G	71.92	74.00	-2.08	3	Horizontal	183	1.91	-
5320MHz	Pass	AV	10.64168G	48.24	54.00	-5.76	3	Vertical	247	2.91	-
5320MHz	Pass	AV	15.9656G	46.31	54.00	-7.69	3	Vertical	142	1.50	-
5320MHz	Pass	PK	10.64176G	59.23	74.00	-14.77	3	Vertical	247	2.91	-
5320MHz	Pass	PK	15.97512G	57.85	74.00	-16.15	3	Vertical	142	1.50	-
5320MHz	Pass	AV	10.64G	50.89	54.00	-3.11	3	Horizontal	225	1.59	-
5320MHz	Pass	AV	15.9604G	46.34	54.00	-7.66	3	Horizontal	163	1.50	-
5320MHz	Pass	PK	10.6392G	62.46	74.00	-11.54	3	Horizontal	225	1.59	-
5320MHz	Pass	PK	15.95808G	57.74	74.00	-16.26	3	Horizontal	163	1.50	-
5500MHz	Pass	AV	5.4528G	48.83	54.00	-5.17	3	Vertical	77	2.85	-
5500MHz	Pass	AV	5.4992G	109.56	Inf	-Inf	3	Vertical	77	2.85	-
5500MHz	Pass	PK	5.4688G	62.84	68.20	-5.36	3	Vertical	77	2.85	-
5500MHz	Pass	PK	5.4984G	118.05	Inf	-Inf	3	Vertical	77	2.85	-
5500MHz	Pass	AV	5.4564G	48.92	54.00	-5.08	3	Horizontal	352	1.67	-
5500MHz	Pass	AV	5.5042G	108.65	Inf	-Inf	3	Horizontal	352	1.67	-
5500MHz	Pass	PK	5.4652G	62.70	68.20	-5.50	3	Horizontal	352	1.67	-
5500MHz	Pass	PK	5.5042G	116.93	Inf	-Inf	3	Horizontal	352	1.67	-
5500MHz	Pass	AV	11.0033G	51.56	54.00	-2.44	3	Vertical	292	1.40	-
5500MHz	Pass	PK	11.003G	64.14	74.00	-9.86	3	Vertical	292	1.40	-
5500MHz	Pass	PK	16.50152G	58.33	68.20	-9.87	3	Vertical	33	2.15	-
5500MHz	Pass	AV	11.00036G	53.48	54.00	-0.52	3	Horizontal	203	1.50	-
5500MHz	Pass	PK	11G	64.84	74.00	-9.16	3	Horizontal	203	1.50	-
5500MHz	Pass	PK	16.49688G	58.73	68.20	-9.47	3	Horizontal	271	1.88	-
5580MHz	Pass	AV	5.4318G	47.09	54.00	-6.91	3	Vertical	80	1.69	-
5580MHz	Pass	AV	5.5776G	106.97	Inf	-Inf	3	Vertical	80	1.69	-
5580MHz	Pass	PK	5.4618G	57.50	68.20	-10.70	3	Vertical	80	1.69	-
5580MHz	Pass	PK	5.5788G	115.06	Inf	-Inf	3	Vertical	80	1.69	-
5580MHz	Pass	PK	5.7288G	57.91	68.20	-10.29	3	Vertical	80	1.69	-
5580MHz	Pass	AV	5.4354G	47.07	54.00	-6.93	3	Horizontal	350	1.50	-
5580MHz	Pass	AV	5.5842G	106.10	Inf	-Inf	3	Horizontal	350	1.50	-
5580MHz	Pass	PK	5.469G	57.93	68.20	-10.27	3	Horizontal	350	1.50	-
5580MHz	Pass	PK	5.5848G	114.34	Inf	-Inf	3	Horizontal	350	1.50	-
5580MHz	Pass	PK	5.7264G	58.01	68.20	-10.19	3	Horizontal	350	1.50	-
5580MHz	Pass	AV	11.1597G	50.77	54.00	-3.23	3	Vertical	248	1.29	-
5580MHz	Pass	PK	11.15988G	63.69	74.00	-10.31	3	Vertical	248	1.29	-



RSE TX above 1GHz_Non-Beamforming

Appendix D.1

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	PK	16.73896G	58.67	68.20	-9.53	3	Vertical	65	1.22	-
5580MHz	Pass	AV	11.1633G	53.74	54.00	-0.26	3	Horizontal	218	2.02	-
5580MHz	Pass	PK	11.163G	65.70	74.00	-8.30	3	Horizontal	218	2.02	-
5580MHz	Pass	PK	16.75284G	58.90	68.20	-9.30	3	Horizontal	20	1.69	-
5700MHz	Pass	AV	5.6976G	103.63	Inf	-Inf	3	Vertical	80	1.50	-
5700MHz	Pass	PK	5.6972G	112.22	Inf	-Inf	3	Vertical	80	1.50	-
5700MHz	Pass	PK	5.7268G	60.09	68.20	-8.11	3	Vertical	80	1.50	-
5700MHz	Pass	AV	5.7048G	102.49	Inf	-Inf	3	Horizontal	351	1.50	-
5700MHz	Pass	PK	5.7048G	111.32	Inf	-Inf	3	Horizontal	351	1.50	-
5700MHz	Pass	PK	5.7436G	59.25	68.20	-8.95	3	Horizontal	351	1.50	-
5700MHz	Pass	AV	11.4021G	51.61	54.00	-2.39	3	Vertical	252	1.23	-
5700MHz	Pass	PK	11.40174G	63.90	74.00	-10.10	3	Vertical	252	1.23	-
5700MHz	Pass	PK	17.09724G	59.51	68.20	-8.69	3	Vertical	147	1.73	-
5700MHz	Pass	AV	11.39724G	53.88	54.00	-0.12	3	Horizontal	239	1.50	-
5700MHz	Pass	PK	11.39784G	66.22	74.00	-7.78	3	Horizontal	239	1.50	-
5700MHz	Pass	PK	17.09518G	58.96	68.20	-9.24	3	Horizontal	317	2.05	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7272G	103.42	Inf	-Inf	3	Vertical	79	2.96	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	57.40	68.20	-10.80	3	Vertical	79	2.96	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.726G	111.48	Inf	-Inf	3	Vertical	79	2.96	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9444G	59.82	68.20	-8.38	3	Vertical	79	2.96	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7248G	102.25	Inf	-Inf	3	Horizontal	353	1.29	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4644G	57.25	68.20	-10.95	3	Horizontal	353	1.29	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7248G	109.91	Inf	-Inf	3	Horizontal	353	1.29	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9516G	60.16	68.20	-8.04	3	Horizontal	353	1.29	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44156G	51.33	54.00	-2.67	3	Vertical	278	1.06	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44306G	62.50	74.00	-11.50	3	Vertical	278	1.06	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16344G	59.25	68.20	-8.95	3	Vertical	6	2.21	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43706G	53.37	54.00	-0.63	3	Horizontal	240	1.47	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43826G	65.66	74.00	-8.34	3	Horizontal	240	1.47	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15858G	58.84	68.20	-9.36	3	Horizontal	191	2.53	-
5745MHz	Pass	AV	5.7462G	102.83	Inf	-Inf	3	Vertical	69	1.69	-
5745MHz	Pass	PK	5.6466G	59.94	68.20	-8.26	3	Vertical	69	1.69	-
5745MHz	Pass	PK	5.7474G	110.42	Inf	-Inf	3	Vertical	69	1.69	-
5745MHz	Pass	PK	5.9562G	59.61	68.20	-8.59	3	Vertical	69	1.69	-
5745MHz	Pass	AV	5.751G	101.65	Inf	-Inf	3	Horizontal	355	1.53	-
5745MHz	Pass	PK	5.5494G	58.28	68.20	-9.92	3	Horizontal	355	1.53	-
5745MHz	Pass	PK	5.7498G	109.71	Inf	-Inf	3	Horizontal	355	1.53	-
5745MHz	Pass	PK	5.9622G	59.28	68.20	-8.92	3	Horizontal	355	1.53	-
5745MHz	Pass	AV	11.49186G	52.23	54.00	-1.77	3	Vertical	280	1.39	-
5745MHz	Pass	PK	11.49108G	64.66	74.00	-9.34	3	Vertical	280	1.39	-
5745MHz	Pass	PK	17.23478G	59.19	68.20	-9.01	3	Vertical	131	1.43	-
5745MHz	Pass	AV	11.48982G	53.73	54.00	-0.27	3	Horizontal	246	1.57	-
5745MHz	Pass	PK	11.49G	65.52	74.00	-8.48	3	Horizontal	246	1.57	-
5745MHz	Pass	PK	17.23878G	59.30	68.20	-8.90	3	Horizontal	258	1.16	-
5785MHz	Pass	AV	5.7826G	102.41	Inf	-Inf	3	Vertical	75	1.42	-
5785MHz	Pass	PK	5.5978G	59.21	68.20	-8.99	3	Vertical	75	1.42	-
5785MHz	Pass	PK	5.7826G	110.99	Inf	-Inf	3	Vertical	75	1.42	-
5785MHz	Pass	PK	5.9422G	60.29	68.20	-7.91	3	Vertical	75	1.42	-
5785MHz	Pass	AV	5.7802G	101.27	Inf	-Inf	3	Horizontal	0	2.62	-
5785MHz	Pass	PK	5.605G	58.80	68.20	-9.40	3	Horizontal	0	2.62	-
5785MHz	Pass	PK	5.7802G	110.28	Inf	-Inf	3	Horizontal	0	2.62	-
5785MHz	Pass	PK	5.9914G	60.26	68.20	-7.94	3	Horizontal	0	2.62	-
5785MHz	Pass	AV	11.57366G	50.93	54.00	-3.07	3	Vertical	282	1.42	-
5785MHz	Pass	PK	11.57126G	63.06	74.00	-10.94	3	Vertical	282	1.42	-
5785MHz	Pass	PK	17.35603G	59.97	68.20	-8.23	3	Vertical	236	1.70	-
5785MHz	Pass	AV	11.57042G	53.85	54.00	-0.15	3	Horizontal	245	1.43	-
5785MHz	Pass	PK	11.56988G	66.76	74.00	-7.24	3	Horizontal	245	1.43	-
5785MHz	Pass	PK	17.35457G	59.20	68.20	-9.00	3	Horizontal	263	1.96	-
5825MHz	Pass	AV	5.8238G	102.06	Inf	-Inf	3	Vertical	70	1.50	-
5825MHz	Pass	PK	5.633G	59.05	68.20	-9.15	3	Vertical	70	1.50	-
5825MHz	Pass	PK	5.8238G	110.40	Inf	-Inf	3	Vertical	70	1.50	-
5825MHz	Pass	PK	5.9378G	60.50	68.20	-7.70	3	Vertical	70	1.50	-



RSE TX above 1GHz_Non-Beamforming

Appendix D.1

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	AV	5.8298G	100.48	Inf	-Inf	3	Horizontal	347	1.47	-
5825MHz	Pass	PK	5.5934G	58.08	68.20	-10.12	3	Horizontal	347	1.47	-
5825MHz	Pass	PK	5.831G	108.41	Inf	-Inf	3	Horizontal	347	1.47	-
5825MHz	Pass	PK	5.9642G	59.82	68.20	-8.38	3	Horizontal	347	1.47	-
5825MHz	Pass	AV	11.6491G	51.35	54.00	-2.65	3	Vertical	274	1.33	-
5825MHz	Pass	PK	11.64838G	63.17	74.00	-10.83	3	Vertical	274	1.33	-
5825MHz	Pass	PK	17.4775G	58.92	68.20	-9.28	3	Vertical	204	2.74	-
5825MHz	Pass	AV	11.65024G	53.87	54.00	-0.13	3	Horizontal	248	1.44	-
5825MHz	Pass	PK	11.65024G	65.92	74.00	-8.08	3	Horizontal	248	1.44	-
5825MHz	Pass	PK	17.47042G	58.74	68.20	-9.46	3	Horizontal	141	2.59	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	51.52	54.00	-2.48	3	Vertical	316.1	1.64	-
5180MHz	Pass	AV	5.1806G	107.35	Inf	-Inf	3	Vertical	316.1	1.64	-
5180MHz	Pass	PK	5.1496G	72.56	74.00	-1.44	3	Vertical	316.1	1.64	-
5180MHz	Pass	PK	5.1808G	118.73	Inf	-Inf	3	Vertical	316.1	1.64	-
5180MHz	Pass	AV	5.1476G	51.70	54.00	-2.30	3	Horizontal	177	1.23	-
5180MHz	Pass	AV	5.1824G	108.60	Inf	-Inf	3	Horizontal	177	1.23	-
5180MHz	Pass	PK	5.1466G	73.52	74.00	-0.48	3	Horizontal	177	1.23	-
5180MHz	Pass	PK	5.1826G	120.84	Inf	-Inf	3	Horizontal	177	1.23	-
5180MHz	Pass	AV	15.54216G	46.09	54.00	-7.91	3	Vertical	87	1.24	-
5180MHz	Pass	PK	10.35436G	59.43	68.20	-8.77	3	Vertical	280	1.50	-
5180MHz	Pass	PK	15.53772G	59.68	74.00	-14.32	3	Vertical	87	1.24	-
5180MHz	Pass	AV	15.54534G	45.82	54.00	-8.18	3	Horizontal	170	1.11	-
5180MHz	Pass	PK	10.3594G	60.65	68.20	-7.55	3	Horizontal	294	1.50	-
5180MHz	Pass	PK	15.53904G	57.41	74.00	-16.59	3	Horizontal	170	1.11	-
5200MHz	Pass	AV	5.1492G	52.84	54.00	-1.16	3	Vertical	272	2.78	-
5200MHz	Pass	AV	5.1944G	112.37	Inf	-Inf	3	Vertical	272	2.78	-
5200MHz	Pass	PK	5.1488G	73.63	74.00	-0.37	3	Vertical	272	2.78	-
5200MHz	Pass	PK	5.2044G	123.65	Inf	-Inf	3	Vertical	272	2.78	-
5200MHz	Pass	AV	5.1484G	50.11	54.00	-3.89	3	Horizontal	360	2.25	-
5200MHz	Pass	AV	5.2024G	111.36	Inf	-Inf	3	Horizontal	360	2.25	-
5200MHz	Pass	PK	5.1476G	62.95	74.00	-11.05	3	Horizontal	360	2.25	-
5200MHz	Pass	PK	5.2024G	120.51	Inf	-Inf	3	Horizontal	360	2.25	-
5200MHz	Pass	AV	15.59946G	53.81	54.00	-0.19	3	Vertical	81	1.29	-
5200MHz	Pass	PK	10.40394G	61.90	68.20	-6.30	3	Vertical	283	1.38	-
5200MHz	Pass	PK	15.59904G	70.12	74.00	-3.88	3	Vertical	81	1.29	-
5200MHz	Pass	AV	15.60042G	52.46	54.00	-1.54	3	Horizontal	227	3.00	-
5200MHz	Pass	PK	10.40006G	62.18	68.20	-6.02	3	Horizontal	231	1.50	-
5200MHz	Pass	PK	15.6006G	67.83	74.00	-6.17	3	Horizontal	227	3.00	-
5240MHz	Pass	AV	5.1494G	48.14	54.00	-5.86	3	Vertical	82	1.66	-
5240MHz	Pass	AV	5.2448G	111.57	Inf	-Inf	3	Vertical	82	1.66	-
5240MHz	Pass	AV	5.3888G	48.33	54.00	-5.67	3	Vertical	82	1.66	-
5240MHz	Pass	PK	5.1254G	59.12	74.00	-14.88	3	Vertical	82	1.66	-
5240MHz	Pass	PK	5.2346G	121.32	Inf	-Inf	3	Vertical	82	1.66	-
5240MHz	Pass	PK	5.357G	59.54	74.00	-14.46	3	Vertical	82	1.66	-
5240MHz	Pass	AV	5.1482G	50.13	54.00	-3.87	3	Horizontal	181	1.23	-
5240MHz	Pass	AV	5.237G	112.56	Inf	-Inf	3	Horizontal	181	1.23	-
5240MHz	Pass	AV	5.387G	48.36	54.00	-5.64	3	Horizontal	181	1.23	-
5240MHz	Pass	PK	5.1494G	62.12	74.00	-11.88	3	Horizontal	181	1.23	-
5240MHz	Pass	PK	5.237G	123.18	Inf	-Inf	3	Horizontal	181	1.23	-
5240MHz	Pass	PK	5.35G	60.70	74.00	-13.30	3	Horizontal	181	1.23	-
5240MHz	Pass	AV	15.71952G	53.66	54.00	-0.34	3	Vertical	76	1.71	-
5240MHz	Pass	PK	10.47576G	62.00	68.20	-6.20	3	Vertical	274	2.99	-
5240MHz	Pass	PK	15.7245G	69.37	74.00	-4.63	3	Vertical	76	1.71	-
5240MHz	Pass	AV	15.71736G	53.36	54.00	-0.64	3	Horizontal	208	3.00	-
5240MHz	Pass	PK	10.48164G	62.88	68.20	-5.32	3	Horizontal	287	1.50	-
5240MHz	Pass	PK	15.72244G	69.29	74.00	-4.71	3	Horizontal	208	3.00	-
5260MHz	Pass	AV	5.15G	47.99	54.00	-6.01	3	Vertical	84	1.54	-
5260MHz	Pass	AV	5.2642G	111.50	Inf	-Inf	3	Vertical	84	1.54	-
5260MHz	Pass	AV	5.3596G	48.88	54.00	-5.12	3	Vertical	84	1.54	-
5260MHz	Pass	PK	5.1406G	58.96	74.00	-15.04	3	Vertical	84	1.54	-
5260MHz	Pass	PK	5.2648G	121.30	Inf	-Inf	3	Vertical	84	1.54	-



RSE TX above 1GHz_Non-Beamforming

Appendix D.1

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	PK	5.3644G	60.33	74.00	-13.67	3	Vertical	84	1.54	-
5260MHz	Pass	AV	5.1118G	49.47	54.00	-4.53	3	Horizontal	181	2.15	-
5260MHz	Pass	AV	5.257G	112.47	Inf	-Inf	3	Horizontal	181	2.15	-
5260MHz	Pass	AV	5.3662G	48.69	54.00	-5.31	3	Horizontal	181	2.15	-
5260MHz	Pass	PK	5.1124G	60.73	74.00	-13.27	3	Horizontal	181	2.15	-
5260MHz	Pass	PK	5.2564G	122.88	Inf	-Inf	3	Horizontal	181	2.15	-
5260MHz	Pass	PK	5.371G	60.04	74.00	-13.96	3	Horizontal	181	2.15	-
5260MHz	Pass	AV	15.77964G	53.40	54.00	-0.60	3	Vertical	77	1.29	-
5260MHz	Pass	PK	10.52068G	61.22	68.20	-6.98	3	Vertical	274	2.88	-
5260MHz	Pass	PK	15.7792G	68.80	74.00	-5.20	3	Vertical	77	1.29	-
5260MHz	Pass	AV	15.78036G	52.93	54.00	-1.07	3	Horizontal	299	2.80	-
5260MHz	Pass	PK	10.52132G	63.61	68.20	-4.59	3	Horizontal	286	1.50	-
5260MHz	Pass	PK	15.77044G	68.23	74.00	-5.77	3	Horizontal	299	2.80	-
5300MHz	Pass	AV	5.3044G	111.78	Inf	-Inf	3	Vertical	82	1.50	-
5300MHz	Pass	AV	5.35G	52.00	54.00	-2.00	3	Vertical	82	1.50	-
5300MHz	Pass	PK	5.3048G	119.82	Inf	-Inf	3	Vertical	82	1.50	-
5300MHz	Pass	PK	5.35G	69.78	74.00	-4.22	3	Vertical	82	1.50	-
5300MHz	Pass	AV	5.2968G	112.59	Inf	-Inf	3	Horizontal	190	2.21	-
5300MHz	Pass	AV	5.3516G	50.49	54.00	-3.51	3	Horizontal	190	2.21	-
5300MHz	Pass	PK	5.292G	121.38	Inf	-Inf	3	Horizontal	190	2.21	-
5300MHz	Pass	PK	5.3516G	65.80	74.00	-8.20	3	Horizontal	190	2.21	-
5300MHz	Pass	AV	10.60438G	50.63	54.00	-3.37	3	Vertical	291	3.00	-
5300MHz	Pass	AV	15.89934G	48.92	54.00	-5.08	3	Vertical	73	1.50	-
5300MHz	Pass	PK	10.60438G	62.49	74.00	-11.51	3	Vertical	291	3.00	-
5300MHz	Pass	PK	15.90468G	63.60	74.00	-10.40	3	Vertical	73	1.50	-
5300MHz	Pass	AV	10.6024G	52.74	54.00	-1.26	3	Horizontal	217	2.41	-
5300MHz	Pass	AV	15.90072G	50.16	54.00	-3.84	3	Horizontal	312	1.75	-
5300MHz	Pass	PK	10.60264G	65.59	74.00	-8.41	3	Horizontal	217	2.41	-
5300MHz	Pass	PK	15.88542G	63.31	74.00	-10.69	3	Horizontal	312	1.75	-
5320MHz	Pass	AV	5.3242G	108.94	Inf	-Inf	3	Vertical	76	1.60	-
5320MHz	Pass	AV	5.35G	51.79	54.00	-2.21	3	Vertical	76	1.60	-
5320MHz	Pass	PK	5.3246G	120.95	Inf	-Inf	3	Vertical	76	1.60	-
5320MHz	Pass	PK	5.3544G	73.37	74.00	-0.63	3	Vertical	76	1.60	-
5320MHz	Pass	AV	5.3218G	109.19	Inf	-Inf	3	Horizontal	183	2.02	-
5320MHz	Pass	AV	5.3516G	51.05	54.00	-2.95	3	Horizontal	183	2.02	-
5320MHz	Pass	PK	5.3118G	121.72	Inf	-Inf	3	Horizontal	183	2.02	-
5320MHz	Pass	PK	5.3518G	72.91	74.00	-1.09	3	Horizontal	183	2.02	-
5320MHz	Pass	AV	10.6412G	48.75	54.00	-5.25	3	Vertical	276	3.00	-
5320MHz	Pass	AV	15.9678G	45.57	54.00	-8.43	3	Vertical	296	2.23	-
5320MHz	Pass	PK	10.6415G	61.59	74.00	-12.41	3	Vertical	276	3.00	-
5320MHz	Pass	PK	15.95094G	56.70	74.00	-17.30	3	Vertical	296	2.23	-
5320MHz	Pass	AV	10.64246G	49.43	54.00	-4.57	3	Horizontal	218	1.90	-
5320MHz	Pass	AV	15.96978G	45.63	54.00	-8.37	3	Horizontal	21	1.50	-
5320MHz	Pass	PK	10.6421G	62.13	74.00	-11.87	3	Horizontal	218	1.90	-
5320MHz	Pass	PK	15.95028G	57.49	74.00	-16.51	3	Horizontal	21	1.50	-
5500MHz	Pass	AV	5.4592G	48.15	54.00	-5.85	3	Vertical	80	1.49	-
5500MHz	Pass	AV	5.5044G	107.83	Inf	-Inf	3	Vertical	80	1.49	-
5500MHz	Pass	PK	5.4696G	66.44	68.20	-1.76	3	Vertical	80	1.49	-
5500MHz	Pass	PK	5.4994G	119.82	Inf	-Inf	3	Vertical	80	1.49	-
5500MHz	Pass	AV	5.4574G	48.18	54.00	-5.82	3	Horizontal	360	1.74	-
5500MHz	Pass	AV	5.5026G	107.52	Inf	-Inf	3	Horizontal	360	1.74	-
5500MHz	Pass	PK	5.468G	63.94	68.20	-4.26	3	Horizontal	360	1.74	-
5500MHz	Pass	PK	5.5026G	118.75	Inf	-Inf	3	Horizontal	360	1.74	-
5500MHz	Pass	AV	10.99916G	51.29	54.00	-2.71	3	Vertical	282	1.08	-
5500MHz	Pass	PK	10.9992G	65.10	74.00	-8.90	3	Vertical	282	1.08	-
5500MHz	Pass	PK	16.49784G	59.63	68.20	-8.57	3	Vertical	250	2.08	-
5500MHz	Pass	AV	11.0024G	53.43	54.00	-0.57	3	Horizontal	218	2.40	-
5500MHz	Pass	PK	10.99724G	66.06	74.00	-7.94	3	Horizontal	218	2.40	-
5500MHz	Pass	PK	16.5G	59.35	68.20	-8.85	3	Horizontal	104	1.50	-
5580MHz	Pass	AV	5.4384G	46.29	54.00	-7.71	3	Vertical	76	2.76	-
5580MHz	Pass	AV	5.5854G	105.60	Inf	-Inf	3	Vertical	76	2.76	-
5580MHz	Pass	PK	5.4612G	57.70	68.20	-10.50	3	Vertical	76	2.76	-



RSE TX above 1GHz_Non-Beamforming

Appendix D.1

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	PK	5.5848G	116.52	Inf	-Inf	3	Vertical	76	2.76	-
5580MHz	Pass	PK	5.7252G	58.17	68.20	-10.03	3	Vertical	76	2.76	-
5580MHz	Pass	AV	5.4594G	46.36	54.00	-7.64	3	Horizontal	4	1.51	-
5580MHz	Pass	AV	5.5824G	105.50	Inf	-Inf	3	Horizontal	4	1.51	-
5580MHz	Pass	PK	5.4606G	58.12	68.20	-10.08	3	Horizontal	4	1.51	-
5580MHz	Pass	PK	5.5824G	117.32	Inf	-Inf	3	Horizontal	4	1.51	-
5580MHz	Pass	PK	5.7282G	59.66	68.20	-8.54	3	Horizontal	4	1.51	-
5580MHz	Pass	AV	11.16092G	51.33	54.00	-2.67	3	Vertical	270	1.47	-
5580MHz	Pass	PK	11.1656G	63.85	74.00	-10.15	3	Vertical	270	1.47	-
5580MHz	Pass	PK	16.74752G	58.93	68.20	-9.27	3	Vertical	287	2.19	-
5580MHz	Pass	AV	11.1626G	53.59	54.00	-0.41	3	Horizontal	223	2.53	-
5580MHz	Pass	PK	11.158G	65.74	74.00	-8.26	3	Horizontal	223	2.53	-
5580MHz	Pass	PK	16.74516G	58.07	68.20	-10.13	3	Horizontal	326	2.56	-
5700MHz	Pass	AV	5.6948G	102.94	Inf	-Inf	3	Vertical	75	1.48	-
5700MHz	Pass	PK	5.6992G	113.49	Inf	-Inf	3	Vertical	75	1.48	-
5700MHz	Pass	PK	5.7512G	60.30	68.20	-7.90	3	Vertical	75	1.48	-
5700MHz	Pass	AV	5.7028G	102.51	Inf	-Inf	3	Horizontal	360	1.50	-
5700MHz	Pass	PK	5.7028G	114.34	Inf	-Inf	3	Horizontal	360	1.50	-
5700MHz	Pass	PK	5.7364G	59.71	68.20	-8.49	3	Horizontal	360	1.50	-
5700MHz	Pass	AV	11.39784G	50.92	54.00	-3.08	3	Vertical	259	1.10	-
5700MHz	Pass	PK	11.40276G	65.21	74.00	-8.79	3	Vertical	259	1.10	-
5700MHz	Pass	PK	17.10028G	58.94	68.20	-9.26	3	Vertical	336	1.21	-
5700MHz	Pass	AV	11.40152G	53.21	54.00	-0.79	3	Horizontal	233	1.50	-
5700MHz	Pass	PK	11.40156G	66.29	74.00	-7.71	3	Horizontal	233	1.50	-
5700MHz	Pass	PK	17.1068G	59.14	68.20	-9.06	3	Horizontal	278	1.65	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.42G	45.97	54.00	-8.03	3	Vertical	86	2.95	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7224G	104.02	Inf	-Inf	3	Vertical	86	2.95	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.462G	57.05	68.20	-11.15	3	Vertical	86	2.95	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7128G	114.53	Inf	-Inf	3	Vertical	86	2.95	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9672G	60.18	68.20	-8.02	3	Vertical	86	2.95	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4212G	45.96	54.00	-8.04	3	Horizontal	7	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7176G	101.98	Inf	-Inf	3	Horizontal	7	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	56.24	68.20	-11.96	3	Horizontal	7	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7176G	112.94	Inf	-Inf	3	Horizontal	7	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.864G	59.78	68.20	-8.42	3	Horizontal	7	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43784G	51.19	54.00	-2.81	3	Vertical	258	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.433G	64.53	74.00	-9.47	3	Vertical	258	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16576G	59.18	68.20	-9.02	3	Vertical	27	2.91	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44164G	53.55	54.00	-0.45	3	Horizontal	234	1.45	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44664G	66.65	74.00	-7.35	3	Horizontal	234	1.45	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16272G	59.66	68.20	-8.54	3	Horizontal	6	2.36	-
5745MHz	Pass	AV	5.7498G	102.28	Inf	-Inf	3	Vertical	74	1.50	-
5745MHz	Pass	PK	5.6418G	58.96	68.20	-9.24	3	Vertical	74	1.50	-
5745MHz	Pass	PK	5.739G	112.93	Inf	-Inf	3	Vertical	74	1.50	-
5745MHz	Pass	PK	5.9562G	59.69	68.20	-8.51	3	Vertical	74	1.50	-
5745MHz	Pass	AV	5.7426G	101.55	Inf	-Inf	3	Horizontal	0	1.25	-
5745MHz	Pass	PK	5.5962G	58.59	68.20	-9.61	3	Horizontal	0	1.25	-
5745MHz	Pass	PK	5.7426G	112.45	Inf	-Inf	3	Horizontal	0	1.25	-
5745MHz	Pass	PK	5.9418G	59.83	68.20	-8.37	3	Horizontal	0	1.25	-
5745MHz	Pass	AV	11.49288G	49.79	54.00	-4.21	3	Vertical	257	1.50	-
5745MHz	Pass	PK	11.48788G	63.19	74.00	-10.81	3	Vertical	257	1.50	-
5745MHz	Pass	PK	17.22816G	58.93	68.20	-9.27	3	Vertical	89	2.61	-
5745MHz	Pass	AV	11.49144G	53.39	54.00	-0.61	3	Horizontal	234	1.49	-
5745MHz	Pass	PK	11.48664G	67.20	74.00	-6.80	3	Horizontal	234	1.49	-
5745MHz	Pass	PK	17.23604G	58.53	68.20	-9.67	3	Horizontal	140	1.09	-
5785MHz	Pass	AV	5.7802G	101.69	Inf	-Inf	3	Vertical	76	1.50	-
5785MHz	Pass	PK	5.5642G	58.28	68.20	-9.92	3	Vertical	76	1.50	-
5785MHz	Pass	PK	5.7898G	112.92	Inf	-Inf	3	Vertical	76	1.50	-
5785MHz	Pass	PK	5.9482G	60.04	68.20	-8.16	3	Vertical	76	1.50	-
5785MHz	Pass	AV	5.7874G	100.95	Inf	-Inf	3	Horizontal	353	1.27	-
5785MHz	Pass	PK	5.5942G	58.64	68.20	-9.56	3	Horizontal	353	1.27	-
5785MHz	Pass	PK	5.7838G	111.32	Inf	-Inf	3	Horizontal	353	1.27	-



RSE TX above 1GHz_Non-Beamforming

Appendix D.1

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	PK	6.0094G	59.73	68.20	-8.47	3	Horizontal	353	1.27	-
5785MHz	Pass	AV	11.56816G	51.11	54.00	-2.89	3	Vertical	288	1.44	-
5785MHz	Pass	PK	11.568G	65.13	74.00	-8.87	3	Vertical	288	1.44	-
5785MHz	Pass	PK	17.35948G	59.38	68.20	-8.82	3	Vertical	309	2.05	-
5785MHz	Pass	AV	11.57176G	53.86	54.00	-0.14	3	Horizontal	234	1.50	-
5785MHz	Pass	PK	11.57188G	66.75	74.00	-7.25	3	Horizontal	234	1.50	-
5785MHz	Pass	PK	17.36084G	59.17	68.20	-9.03	3	Horizontal	175	1.50	-
5825MHz	Pass	AV	5.8202G	101.36	Inf	-Inf	3	Vertical	72	1.50	-
5825MHz	Pass	PK	5.5898G	58.21	68.20	-9.99	3	Vertical	72	1.50	-
5825MHz	Pass	PK	5.8202G	113.01	Inf	-Inf	3	Vertical	72	1.50	-
5825MHz	Pass	PK	5.9558G	60.03	68.20	-8.17	3	Vertical	72	1.50	-
5825MHz	Pass	AV	5.8286G	99.99	Inf	-Inf	3	Horizontal	354	1.49	-
5825MHz	Pass	PK	5.6318G	59.13	68.20	-9.07	3	Horizontal	354	1.49	-
5825MHz	Pass	PK	5.8334G	110.37	Inf	-Inf	3	Horizontal	354	1.49	-
5825MHz	Pass	PK	5.9402G	59.53	68.20	-8.67	3	Horizontal	354	1.49	-
5825MHz	Pass	AV	11.64992G	51.97	54.00	-2.03	3	Vertical	278	1.42	-
5825MHz	Pass	PK	11.64948G	65.98	74.00	-8.02	3	Vertical	278	1.42	-
5825MHz	Pass	PK	17.47268G	59.43	68.20	-8.77	3	Vertical	278	1.42	-
5825MHz	Pass	AV	11.64992G	53.65	54.00	-0.35	3	Horizontal	248	1.52	-
5825MHz	Pass	PK	11.6502G	66.58	74.00	-7.42	3	Horizontal	248	1.52	-
5825MHz	Pass	PK	17.47024G	59.26	68.20	-8.94	3	Horizontal	345	2.20	-
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1492G	52.51	54.00	-1.49	3	Vertical	275	2.02	-
5190MHz	Pass	AV	5.1844G	103.60	Inf	-Inf	3	Vertical	275	2.02	-
5190MHz	Pass	PK	5.1488G	69.44	74.00	-4.56	3	Vertical	275	2.02	-
5190MHz	Pass	PK	5.194G	114.46	Inf	-Inf	3	Vertical	275	2.02	-
5190MHz	Pass	AV	5.1468G	53.75	54.00	-0.25	3	Horizontal	186	2.29	-
5190MHz	Pass	AV	5.1972G	104.69	Inf	-Inf	3	Horizontal	186	2.29	-
5190MHz	Pass	PK	5.1468G	65.81	74.00	-8.19	3	Horizontal	186	2.29	-
5190MHz	Pass	PK	5.1972G	116.22	Inf	-Inf	3	Horizontal	186	2.29	-
5190MHz	Pass	AV	15.57114G	46.91	54.00	-7.09	3	Vertical	17	1.50	-
5190MHz	Pass	PK	10.37928G	56.45	68.20	-11.75	3	Vertical	282	1.50	-
5190MHz	Pass	PK	15.56654G	58.26	74.00	-15.74	3	Vertical	17	1.50	-
5190MHz	Pass	AV	15.56562G	46.91	54.00	-7.09	3	Horizontal	63	2.56	-
5190MHz	Pass	PK	10.37948G	56.15	68.20	-12.05	3	Horizontal	257	1.50	-
5190MHz	Pass	PK	15.56626G	58.13	74.00	-15.87	3	Horizontal	63	2.56	-
5230MHz	Pass	AV	5.1476G	53.71	54.00	-0.29	3	Vertical	0	2.01	-
5230MHz	Pass	AV	5.2268G	108.58	Inf	-Inf	3	Vertical	0	2.01	-
5230MHz	Pass	PK	5.1468G	66.93	74.00	-7.07	3	Vertical	0	2.01	-
5230MHz	Pass	PK	5.2368G	119.36	Inf	-Inf	3	Vertical	0	2.01	-
5230MHz	Pass	AV	5.1476G	53.87	54.00	-0.13	3	Horizontal	360	1.91	-
5230MHz	Pass	AV	5.2272G	109.66	Inf	-Inf	3	Horizontal	360	1.91	-
5230MHz	Pass	PK	5.148G	68.27	74.00	-5.73	3	Horizontal	360	1.91	-
5230MHz	Pass	PK	5.2276G	120.53	Inf	-Inf	3	Horizontal	360	1.91	-
5230MHz	Pass	AV	15.68968G	52.97	54.00	-1.03	3	Vertical	77	1.50	-
5230MHz	Pass	PK	10.45944G	58.49	68.20	-9.71	3	Vertical	283	1.26	-
5230MHz	Pass	PK	15.68464G	67.95	74.00	-6.05	3	Vertical	77	1.50	-
5230MHz	Pass	AV	15.69296G	52.93	54.00	-1.07	3	Horizontal	312	2.78	-
5230MHz	Pass	PK	10.45712G	61.32	68.20	-6.88	3	Horizontal	216	1.25	-
5230MHz	Pass	PK	15.69816G	67.79	74.00	-6.21	3	Horizontal	312	2.78	-
5270MHz	Pass	AV	5.2744G	108.62	Inf	-Inf	3	Vertical	84	1.47	-
5270MHz	Pass	AV	5.3536G	53.55	54.00	-0.45	3	Vertical	84	1.47	-
5270MHz	Pass	PK	5.2644G	116.41	Inf	-Inf	3	Vertical	84	1.47	-
5270MHz	Pass	PK	5.35G	68.69	74.00	-5.31	3	Vertical	84	1.47	-
5270MHz	Pass	AV	5.2768G	109.57	Inf	-Inf	3	Horizontal	191	2.14	-
5270MHz	Pass	AV	5.352G	53.04	54.00	-0.96	3	Horizontal	191	2.14	-
5270MHz	Pass	PK	5.2716G	117.80	Inf	-Inf	3	Horizontal	191	2.14	-
5270MHz	Pass	PK	5.3668G	68.54	74.00	-5.46	3	Horizontal	191	2.14	-
5270MHz	Pass	AV	15.80464G	52.17	54.00	-1.83	3	Vertical	74	1.50	-
5270MHz	Pass	PK	10.54858G	58.66	68.20	-9.54	3	Vertical	284	1.36	-
5270MHz	Pass	PK	15.80408G	66.15	74.00	-7.85	3	Vertical	74	1.50	-
5270MHz	Pass	AV	15.80814G	52.30	54.00	-1.70	3	Horizontal	312	2.78	-



RSE TX above 1GHz_Non-Beamforming

Appendix D.1

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5270MHz	Pass	PK	10.539G	60.11	68.20	-8.09	3	Horizontal	279	1.36	-
5270MHz	Pass	PK	15.81684G	66.37	74.00	-7.63	3	Horizontal	312	2.78	-
5310MHz	Pass	AV	5.3144G	105.04	Inf	-Inf	3	Vertical	82	1.50	-
5310MHz	Pass	AV	5.3544G	53.15	54.00	-0.85	3	Vertical	82	1.50	-
5310MHz	Pass	PK	5.3044G	115.94	Inf	-Inf	3	Vertical	82	1.50	-
5310MHz	Pass	PK	5.3548G	72.99	74.00	-1.01	3	Vertical	82	1.50	-
5310MHz	Pass	AV	5.302G	105.27	Inf	-Inf	3	Horizontal	194	2.12	-
5310MHz	Pass	AV	5.3516G	51.61	54.00	-2.39	3	Horizontal	194	2.12	-
5310MHz	Pass	PK	5.302G	116.30	Inf	-Inf	3	Horizontal	194	2.12	-
5310MHz	Pass	PK	5.352G	69.14	74.00	-4.86	3	Horizontal	194	2.12	-
5310MHz	Pass	AV	10.62096G	46.84	54.00	-7.16	3	Vertical	276	3.00	-
5310MHz	Pass	AV	15.93784G	46.46	54.00	-7.54	3	Vertical	83	2.87	-
5310MHz	Pass	PK	10.62104G	57.51	74.00	-16.49	3	Vertical	276	3.00	-
5310MHz	Pass	PK	15.93272G	58.17	74.00	-15.83	3	Vertical	83	2.87	-
5310MHz	Pass	AV	10.62232G	47.69	54.00	-6.31	3	Horizontal	219	2.74	-
5310MHz	Pass	AV	15.91368G	46.54	54.00	-7.46	3	Horizontal	178	2.35	-
5310MHz	Pass	PK	10.61272G	58.65	74.00	-15.35	3	Horizontal	219	2.74	-
5310MHz	Pass	PK	15.94448G	57.14	74.00	-16.86	3	Horizontal	178	2.35	-
5510MHz	Pass	AV	5.46G	50.33	54.00	-3.67	3	Vertical	76	2.88	-
5510MHz	Pass	AV	5.5204G	106.62	Inf	-Inf	3	Vertical	76	2.88	-
5510MHz	Pass	PK	5.47G	67.82	68.20	-0.38	3	Vertical	76	2.88	-
5510MHz	Pass	PK	5.5252G	117.37	Inf	-Inf	3	Vertical	76	2.88	-
5510MHz	Pass	AV	5.4528G	49.28	54.00	-4.72	3	Horizontal	-0	1.50	-
5510MHz	Pass	AV	5.5176G	104.50	Inf	-Inf	3	Horizontal	-0	1.50	-
5510MHz	Pass	PK	5.4676G	66.57	68.20	-1.63	3	Horizontal	-0	1.50	-
5510MHz	Pass	PK	5.5176G	116.21	Inf	-Inf	3	Horizontal	-0	1.50	-
5510MHz	Pass	AV	11.02372G	51.72	54.00	-2.28	3	Vertical	281	1.30	-
5510MHz	Pass	PK	11.02378G	63.24	74.00	-10.76	3	Vertical	281	1.30	-
5510MHz	Pass	PK	16.51914G	59.92	68.20	-8.28	3	Vertical	78	1.37	-
5510MHz	Pass	AV	11.02744G	53.56	54.00	-0.44	3	Horizontal	220	2.20	-
5510MHz	Pass	PK	11.02234G	64.97	74.00	-9.03	3	Horizontal	220	2.20	-
5510MHz	Pass	PK	16.52166G	60.02	68.20	-8.18	3	Horizontal	228	1.50	-
5550MHz	Pass	AV	5.458G	48.62	54.00	-5.38	3	Vertical	84	1.50	-
5550MHz	Pass	AV	5.5544G	104.36	Inf	-Inf	3	Vertical	84	1.50	-
5550MHz	Pass	PK	5.4656G	58.75	68.20	-9.45	3	Vertical	84	1.50	-
5550MHz	Pass	PK	5.5548G	114.60	Inf	-Inf	3	Vertical	84	1.50	-
5550MHz	Pass	AV	5.4536G	48.59	54.00	-5.41	3	Horizontal	6	1.60	-
5550MHz	Pass	AV	5.5424G	103.91	Inf	-Inf	3	Horizontal	6	1.60	-
5550MHz	Pass	PK	5.4644G	58.66	68.20	-9.54	3	Horizontal	6	1.60	-
5550MHz	Pass	PK	5.5572G	114.99	Inf	-Inf	3	Horizontal	6	1.60	-
5550MHz	Pass	AV	11.10402G	51.42	54.00	-2.58	3	Vertical	281	1.29	-
5550MHz	Pass	PK	11.0988G	62.81	74.00	-11.19	3	Vertical	281	1.29	-
5550MHz	Pass	PK	16.66056G	59.97	68.20	-8.23	3	Vertical	296	1.88	-
5550MHz	Pass	AV	11.09748G	53.51	54.00	-0.49	3	Horizontal	222	2.40	-
5550MHz	Pass	PK	11.09766G	65.73	74.00	-8.27	3	Horizontal	222	2.40	-
5550MHz	Pass	PK	16.63782G	59.50	68.20	-8.70	3	Horizontal	334	2.12	-
5670MHz	Pass	AV	5.673G	103.96	Inf	-Inf	3	Vertical	88	2.92	-
5670MHz	Pass	PK	5.6724G	114.52	Inf	-Inf	3	Vertical	88	2.92	-
5670MHz	Pass	PK	5.733G	60.37	68.20	-7.83	3	Vertical	88	2.92	-
5670MHz	Pass	AV	5.6826G	100.76	Inf	-Inf	3	Horizontal	0	1.50	-
5670MHz	Pass	PK	5.6574G	111.23	Inf	-Inf	3	Horizontal	0	1.50	-
5670MHz	Pass	PK	5.7468G	59.42	68.20	-8.78	3	Horizontal	0	1.50	-
5670MHz	Pass	AV	11.33748G	52.77	54.00	-1.23	3	Vertical	260	1.40	-
5670MHz	Pass	PK	11.3328G	64.81	74.00	-9.19	3	Vertical	260	1.40	-
5670MHz	Pass	PK	17.0136G	59.20	68.20	-9.00	3	Vertical	48	1.08	-
5670MHz	Pass	AV	11.33934G	53.89	54.00	-0.11	3	Horizontal	247	1.49	-
5670MHz	Pass	PK	11.33976G	65.38	74.00	-8.62	3	Horizontal	247	1.49	-
5670MHz	Pass	PK	17.01648G	59.25	68.20	-8.95	3	Horizontal	321	1.97	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4556G	47.45	54.00	-6.55	3	Vertical	90	3.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7172G	102.61	Inf	-Inf	3	Vertical	90	3.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4652G	57.57	68.20	-10.63	3	Vertical	90	3.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7232G	112.57	Inf	-Inf	3	Vertical	90	3.00	-



RSE TX above 1GHz_Non-Beamforming

Appendix D.1

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8852G	60.22	68.20	-7.98	3	Vertical	90	3.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4232G	47.34	54.00	-6.66	3	Horizontal	360	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7028G	100.59	Inf	-Inf	3	Horizontal	360	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4652G	57.67	68.20	-10.53	3	Horizontal	360	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7028G	111.13	Inf	-Inf	3	Horizontal	360	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.89G	59.82	68.20	-8.38	3	Horizontal	360	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.41976G	52.21	54.00	-1.79	3	Vertical	253	1.44	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.42036G	63.12	74.00	-10.88	3	Vertical	253	1.44	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.12454G	59.30	68.20	-8.90	3	Vertical	216	2.03	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.42162G	53.73	54.00	-0.27	3	Horizontal	235	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.41688G	64.82	74.00	-9.18	3	Horizontal	235	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.12658G	59.42	68.20	-8.78	3	Horizontal	171	1.49	-
5755MHz	Pass	AV	5.7598G	101.00	Inf	-Inf	3	Vertical	74	2.24	-
5755MHz	Pass	PK	5.5666G	58.78	68.20	-9.42	3	Vertical	74	2.24	-
5755MHz	Pass	PK	5.7646G	111.05	Inf	-Inf	3	Vertical	74	2.24	-
5755MHz	Pass	PK	5.9758G	60.09	68.20	-8.11	3	Vertical	74	2.24	-
5755MHz	Pass	AV	5.743G	99.09	Inf	-Inf	3	Horizontal	1	1.50	-
5755MHz	Pass	PK	5.5882G	59.01	68.20	-9.19	3	Horizontal	1	1.50	-
5755MHz	Pass	PK	5.7574G	109.76	Inf	-Inf	3	Horizontal	1	1.50	-
5755MHz	Pass	PK	6.0394G	60.19	68.20	-8.01	3	Horizontal	1	1.50	-
5755MHz	Pass	AV	11.5127G	52.41	54.00	-1.59	3	Vertical	260	1.02	-
5755MHz	Pass	PK	11.50784G	63.09	74.00	-10.91	3	Vertical	260	1.02	-
5755MHz	Pass	PK	17.25666G	59.09	68.20	-9.11	3	Vertical	176	2.05	-
5755MHz	Pass	AV	11.5148G	53.47	54.00	-0.53	3	Horizontal	250	1.49	-
5755MHz	Pass	PK	11.50958G	64.80	74.00	-9.20	3	Horizontal	250	1.49	-
5755MHz	Pass	PK	17.2536G	59.50	68.20	-8.70	3	Horizontal	270	1.88	-
5795MHz	Pass	AV	5.7854G	99.23	Inf	-Inf	3	Vertical	77	1.50	-
5795MHz	Pass	PK	5.585G	58.32	68.20	-9.88	3	Vertical	77	1.50	-
5795MHz	Pass	PK	5.8106G	107.29	Inf	-Inf	3	Vertical	77	1.50	-
5795MHz	Pass	PK	5.957G	59.67	68.20	-8.53	3	Vertical	77	1.50	-
5795MHz	Pass	AV	5.7878G	98.65	Inf	-Inf	3	Horizontal	0	1.42	-
5795MHz	Pass	PK	5.603G	58.97	68.20	-9.23	3	Horizontal	0	1.42	-
5795MHz	Pass	PK	5.789G	106.98	Inf	-Inf	3	Horizontal	0	1.42	-
5795MHz	Pass	PK	5.9786G	60.11	68.20	-8.09	3	Horizontal	0	1.42	-
5795MHz	Pass	AV	11.58982G	50.46	54.00	-3.54	3	Vertical	279	1.31	-
5795MHz	Pass	PK	11.58952G	62.24	74.00	-11.76	3	Vertical	279	1.31	-
5795MHz	Pass	PK	17.38564G	59.16	68.20	-9.04	3	Vertical	257	1.49	-
5795MHz	Pass	AV	11.59G	53.60	54.00	-0.40	3	Horizontal	250	1.46	-
5795MHz	Pass	PK	11.58952G	65.17	74.00	-8.83	3	Horizontal	250	1.46	-
5795MHz	Pass	PK	17.39934G	59.58	68.20	-8.62	3	Horizontal	81	1.25	-
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.149G	53.64	54.00	-0.36	3	Vertical	229	2.32	-
5210MHz	Pass	AV	5.199G	100.53	Inf	-Inf	3	Vertical	229	2.32	-
5210MHz	Pass	AV	5.377G	47.98	54.00	-6.02	3	Vertical	229	2.32	-
5210MHz	Pass	PK	5.144G	62.66	74.00	-11.34	3	Vertical	229	2.32	-
5210MHz	Pass	PK	5.194G	111.32	Inf	-Inf	3	Vertical	229	2.32	-
5210MHz	Pass	PK	5.427G	58.55	74.00	-15.45	3	Vertical	229	2.32	-
5210MHz	Pass	AV	5.148G	53.32	54.00	-0.68	3	Horizontal	354	1.92	-
5210MHz	Pass	AV	5.223G	100.75	Inf	-Inf	3	Horizontal	354	1.92	-
5210MHz	Pass	AV	5.392G	48.73	54.00	-5.27	3	Horizontal	354	1.92	-
5210MHz	Pass	PK	5.137G	63.66	74.00	-10.34	3	Horizontal	354	1.92	-
5210MHz	Pass	PK	5.212G	111.25	Inf	-Inf	3	Horizontal	354	1.92	-
5210MHz	Pass	PK	5.387G	58.33	74.00	-15.67	3	Horizontal	354	1.92	-
5210MHz	Pass	AV	15.63416G	47.20	54.00	-6.80	3	Vertical	301	1.34	-
5210MHz	Pass	PK	10.44144G	54.69	68.20	-13.51	3	Vertical	298	1.76	-
5210MHz	Pass	PK	15.6308G	58.44	74.00	-15.56	3	Vertical	301	1.34	-
5210MHz	Pass	AV	15.6556G	47.30	54.00	-6.70	3	Horizontal	173	1.67	-
5210MHz	Pass	PK	10.3656G	54.40	68.20	-13.80	3	Horizontal	141	1.50	-
5210MHz	Pass	PK	15.64408G	57.30	74.00	-16.70	3	Horizontal	173	1.67	-
5290MHz	Pass	AV	5.138G	49.15	54.00	-4.85	3	Vertical	82	1.50	-
5290MHz	Pass	AV	5.319G	101.81	Inf	-Inf	3	Vertical	82	1.50	-
5290MHz	Pass	AV	5.354G	53.13	54.00	-0.87	3	Vertical	82	1.50	-



RSE TX above 1GHz_Non-Beamforming

Appendix D.1

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5290MHz	Pass	PK	5.122G	59.08	74.00	-14.92	3	Vertical	82	1.50	-
5290MHz	Pass	PK	5.274G	112.27	Inf	-Inf	3	Vertical	82	1.50	-
5290MHz	Pass	PK	5.359G	70.61	74.00	-3.39	3	Vertical	82	1.50	-
5290MHz	Pass	AV	5.132G	49.89	54.00	-4.11	3	Horizontal	190	2.14	-
5290MHz	Pass	AV	5.282G	102.10	Inf	-Inf	3	Horizontal	190	2.14	-
5290MHz	Pass	AV	5.352G	52.94	54.00	-1.06	3	Horizontal	190	2.14	-
5290MHz	Pass	PK	5.122G	60.29	74.00	-13.71	3	Horizontal	190	2.14	-
5290MHz	Pass	PK	5.287G	112.27	Inf	-Inf	3	Horizontal	190	2.14	-
5290MHz	Pass	PK	5.352G	68.13	74.00	-5.87	3	Horizontal	190	2.14	-
5290MHz	Pass	AV	15.94552G	47.09	54.00	-6.91	3	Vertical	57	2.57	-
5290MHz	Pass	PK	10.59908G	55.09	68.20	-13.11	3	Vertical	278	2.95	-
5290MHz	Pass	PK	15.94872G	57.27	74.00	-16.73	3	Vertical	57	2.57	-
5290MHz	Pass	AV	15.80216G	46.84	54.00	-7.16	3	Horizontal	154	1.04	-
5290MHz	Pass	PK	10.57328G	55.49	68.20	-12.71	3	Horizontal	274	1.44	-
5290MHz	Pass	PK	15.8016G	57.59	74.00	-16.41	3	Horizontal	154	1.04	-
5530MHz	Pass	AV	5.46G	53.76	54.00	-0.24	3	Vertical	76	2.75	-
5530MHz	Pass	AV	5.54G	102.98	Inf	-Inf	3	Vertical	76	2.75	-
5530MHz	Pass	PK	5.47G	65.02	68.20	-3.18	3	Vertical	76	2.75	-
5530MHz	Pass	PK	5.56G	113.32	Inf	-Inf	3	Vertical	76	2.75	-
5530MHz	Pass	PK	5.749G	59.51	68.20	-8.69	3	Vertical	76	2.75	-
5530MHz	Pass	AV	5.457G	51.84	54.00	-2.16	3	Horizontal	0	1.58	-
5530MHz	Pass	AV	5.543G	101.38	Inf	-Inf	3	Horizontal	0	1.58	-
5530MHz	Pass	PK	5.467G	64.05	68.20	-4.15	3	Horizontal	0	1.58	-
5530MHz	Pass	PK	5.543G	112.32	Inf	-Inf	3	Horizontal	0	1.58	-
5530MHz	Pass	PK	5.731G	59.58	68.20	-8.62	3	Horizontal	0	1.58	-
5530MHz	Pass	AV	11.05936G	48.89	54.00	-5.11	3	Vertical	281	1.34	-
5530MHz	Pass	PK	11.05904G	59.85	74.00	-14.15	3	Vertical	281	1.34	-
5530MHz	Pass	PK	16.60032G	58.78	68.20	-9.42	3	Vertical	318	2.01	-
5530MHz	Pass	AV	11.0824G	50.49	54.00	-3.51	3	Horizontal	221	2.05	-
5530MHz	Pass	PK	11.07248G	61.20	74.00	-12.80	3	Horizontal	221	2.05	-
5530MHz	Pass	PK	16.58562G	58.86	68.20	-9.34	3	Horizontal	9	1.01	-
5610MHz	Pass	AV	5.454G	48.58	54.00	-5.42	3	Vertical	80	1.56	-
5610MHz	Pass	AV	5.6G	101.91	Inf	-Inf	3	Vertical	80	1.56	-
5610MHz	Pass	PK	5.465G	58.06	68.20	-10.14	3	Vertical	80	1.56	-
5610MHz	Pass	PK	5.62G	111.95	Inf	-Inf	3	Vertical	80	1.56	-
5610MHz	Pass	PK	5.81G	59.80	68.20	-8.40	3	Vertical	80	1.56	-
5610MHz	Pass	AV	5.456G	48.71	54.00	-5.29	3	Horizontal	5	1.50	-
5610MHz	Pass	AV	5.597G	101.40	Inf	-Inf	3	Horizontal	5	1.50	-
5610MHz	Pass	PK	5.466G	59.16	68.20	-9.04	3	Horizontal	5	1.50	-
5610MHz	Pass	PK	5.582G	111.72	Inf	-Inf	3	Horizontal	5	1.50	-
5610MHz	Pass	PK	5.767G	60.38	68.20	-7.82	3	Horizontal	5	1.50	-
5610MHz	Pass	AV	11.23312G	50.61	54.00	-3.39	3	Vertical	262	1.42	-
5610MHz	Pass	PK	11.22768G	61.20	74.00	-12.80	3	Vertical	262	1.42	-
5610MHz	Pass	PK	16.82792G	59.28	68.20	-8.92	3	Vertical	95	1.13	-
5610MHz	Pass	AV	11.24272G	53.67	54.00	-0.33	3	Horizontal	225	2.42	-
5610MHz	Pass	PK	11.21776G	63.28	74.00	-10.72	3	Horizontal	225	2.42	-
5610MHz	Pass	PK	16.8226G	59.30	68.20	-8.90	3	Horizontal	257	2.91	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6996G	100.32	Inf	-Inf	3	Vertical	77	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	56.98	68.20	-11.22	3	Vertical	77	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6552G	110.16	Inf	-Inf	3	Vertical	77	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8856G	60.74	68.20	-7.46	3	Vertical	77	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4068G	47.63	54.00	-6.37	3	Vertical	77	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4548G	47.88	54.00	-6.12	3	Horizontal	0	1.45	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.7032G	99.16	Inf	-Inf	3	Horizontal	0	1.45	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	56.00	68.20	-12.20	3	Horizontal	0	1.45	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6624G	108.32	Inf	-Inf	3	Horizontal	0	1.45	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8724G	58.91	68.20	-9.29	3	Horizontal	0	1.45	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.3774G	51.99	54.00	-2.01	3	Vertical	257	1.03	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.36784G	62.47	74.00	-11.53	3	Vertical	257	1.03	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.07112G	59.24	68.20	-8.96	3	Vertical	130	1.24	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.37616G	53.86	54.00	-0.14	3	Horizontal	233	1.42	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.39248G	64.38	74.00	-9.62	3	Horizontal	233	1.42	-



RSE TX above 1GHz_Non-Beamforming

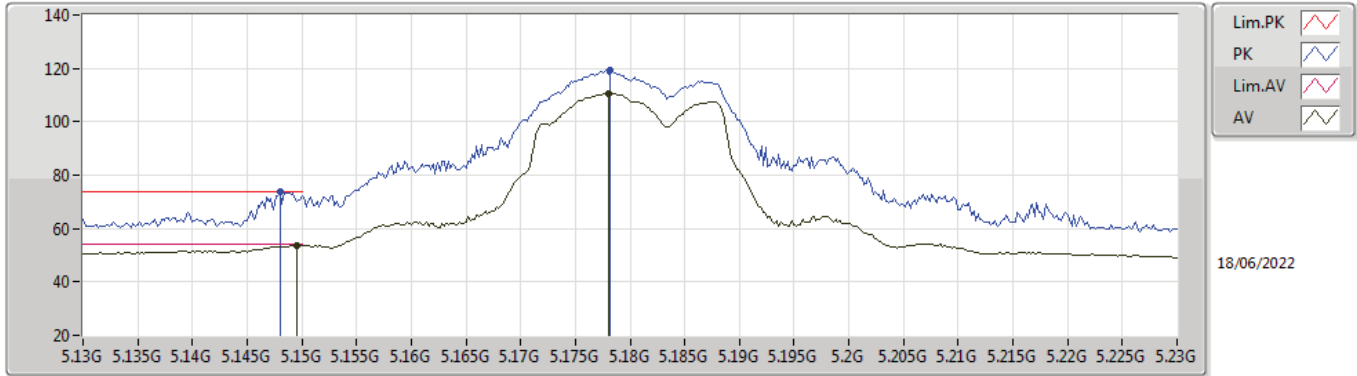
Appendix D.1

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	17.06106G	59.83	68.20	-8.37	3	Horizontal	233	1.42	-
5775MHz	Pass	AV	5.763G	100.24	Inf	-Inf	3	Vertical	90	2.97	-
5775MHz	Pass	PK	5.6094G	59.86	68.20	-8.34	3	Vertical	90	2.97	-
5775MHz	Pass	PK	5.7726G	110.50	Inf	-Inf	3	Vertical	90	2.97	-
5775MHz	Pass	PK	5.9778G	60.60	68.20	-7.60	3	Vertical	90	2.97	-
5775MHz	Pass	AV	5.763G	97.64	Inf	-Inf	3	Horizontal	360	1.50	-
5775MHz	Pass	PK	5.5566G	59.29	68.20	-8.91	3	Horizontal	360	1.50	-
5775MHz	Pass	PK	5.7834G	107.36	Inf	-Inf	3	Horizontal	360	1.50	-
5775MHz	Pass	PK	5.9694G	60.97	68.20	-7.23	3	Horizontal	360	1.50	-
5775MHz	Pass	AV	11.55832G	50.95	54.00	-3.05	3	Vertical	291	1.40	-
5775MHz	Pass	PK	11.5383G	61.58	74.00	-12.42	3	Vertical	291	1.40	-
5775MHz	Pass	PK	17.3298G	59.21	68.20	-8.99	3	Vertical	218	1.50	-
5775MHz	Pass	AV	11.54692G	53.81	54.00	-0.19	3	Horizontal	237	1.46	-
5775MHz	Pass	PK	11.54776G	65.58	74.00	-8.42	3	Horizontal	237	1.46	-
5775MHz	Pass	PK	17.32128G	59.59	68.20	-8.61	3	Horizontal	206	2.06	-
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.136G	52.24	54.00	-1.76	3	Vertical	254	2.01	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.226G	96.47	Inf	-Inf	3	Vertical	254	2.01	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.382G	50.31	54.00	-3.69	3	Vertical	254	2.01	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.1384G	61.27	74.00	-12.73	3	Vertical	254	2.01	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.1852G	105.21	Inf	-Inf	3	Vertical	254	2.01	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.52G	58.12	68.20	-10.08	3	Vertical	254	2.01	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.1432G	53.33	54.00	-0.67	3	Horizontal	189	2.07	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.232G	96.99	Inf	-Inf	3	Horizontal	189	2.07	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.3844G	51.27	54.00	-2.73	3	Horizontal	189	2.07	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.1324G	62.40	74.00	-11.60	3	Horizontal	189	2.07	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.2716G	107.05	Inf	-Inf	3	Horizontal	189	2.07	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.4924G	58.60	68.20	-9.60	3	Horizontal	189	2.07	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	15.75664G	48.76	54.00	-5.24	3	Vertical	299	1.50	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.50808G	54.27	68.20	-13.93	3	Vertical	264	1.50	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	15.7504G	58.22	74.00	-15.78	3	Vertical	299	1.50	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	15.74648G	48.93	54.00	-5.07	3	Horizontal	322	1.50	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.50216G	55.00	68.20	-13.20	3	Horizontal	300	1.57	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	15.76696G	58.28	74.00	-15.72	3	Horizontal	322	1.50	-
5570MHz	Pass	AV	5.4524G	53.40	54.00	-0.60	3	Vertical	70	2.80	-
5570MHz	Pass	AV	5.5952G	99.07	Inf	-Inf	3	Vertical	70	2.80	-
5570MHz	Pass	PK	5.4608G	60.63	68.20	-7.57	3	Vertical	70	2.80	-
5570MHz	Pass	PK	5.5952G	108.67	Inf	-Inf	3	Vertical	70	2.80	-
5570MHz	Pass	PK	5.732G	61.12	68.20	-7.08	3	Vertical	70	2.80	-
5570MHz	Pass	AV	5.456G	53.12	54.00	-0.88	3	Horizontal	357	1.50	-
5570MHz	Pass	AV	5.588G	97.28	Inf	-Inf	3	Horizontal	357	1.50	-
5570MHz	Pass	PK	5.4632G	60.13	68.20	-8.07	3	Horizontal	357	1.50	-
5570MHz	Pass	PK	5.5724G	107.05	Inf	-Inf	3	Horizontal	357	1.50	-
5570MHz	Pass	PK	5.84G	60.09	68.20	-8.11	3	Horizontal	357	1.50	-
5570MHz	Pass	AV	11.15216G	47.54	54.00	-6.46	3	Vertical	270	1.50	-
5570MHz	Pass	PK	11.15088G	56.41	74.00	-17.59	3	Vertical	270	1.50	-
5570MHz	Pass	PK	16.69128G	59.06	68.20	-9.14	3	Vertical	49	2.00	-
5570MHz	Pass	AV	11.1584G	50.08	54.00	-3.92	3	Horizontal	226	2.43	-
5570MHz	Pass	PK	11.15936G	60.19	74.00	-13.81	3	Horizontal	226	2.43	-
5570MHz	Pass	PK	16.7084G	59.20	68.20	-9.00	3	Horizontal	327	1.01	-



802.11a_Nss1,(6Mbps)_4TX

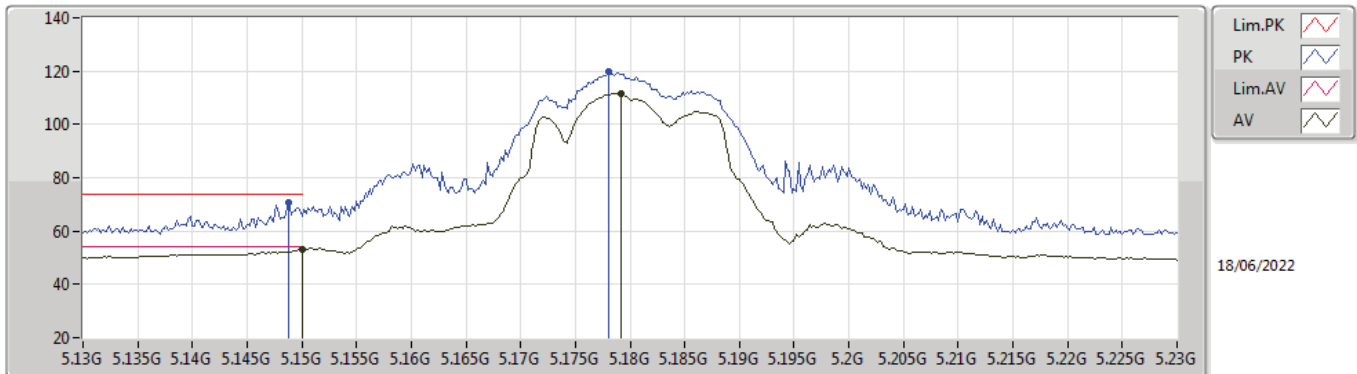
5180MHz_TX



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	5.1496G	53.85	54.00	-0.15	5.21	3	Vertical	305	1.88	-	48.64	33.10	6.87	34.76
AV	5.178G	110.42	Inf	-Inf	5.28	3	Vertical	305	1.88	-	105.14	33.16	6.88	34.76
PK	5.148G	73.58	74.00	-0.42	5.21	3	Vertical	305	1.88	-	68.37	33.10	6.87	34.76
PK	5.1782G	119.36	Inf	-Inf	5.28	3	Vertical	305	1.88	-	114.08	33.16	6.88	34.76

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

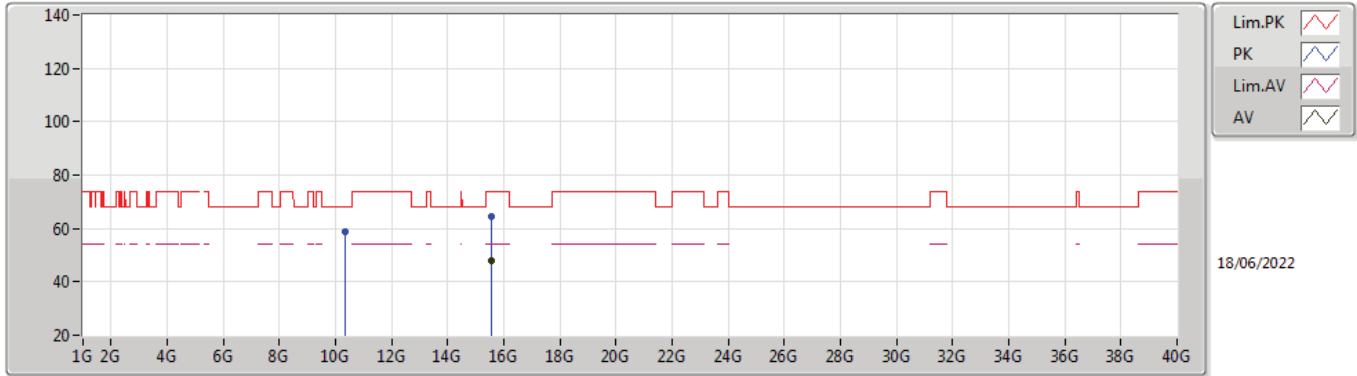


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	53.17	54.00	-0.83	5.21	3	Horizontal	318	1.79	-	47.96	33.10	6.87	34.76
AV	5.1792G	111.49	Inf	-Inf	5.28	3	Horizontal	318	1.79	-	106.21	33.16	6.88	34.76
PK	5.1488G	70.73	74.00	-3.27	5.21	3	Horizontal	318	1.79	-	65.52	33.10	6.87	34.76
PK	5.178G	119.69	Inf	-Inf	5.28	3	Horizontal	318	1.79	-	114.41	33.16	6.88	34.76



802.11a_Nss1,(6Mbps)_4TX

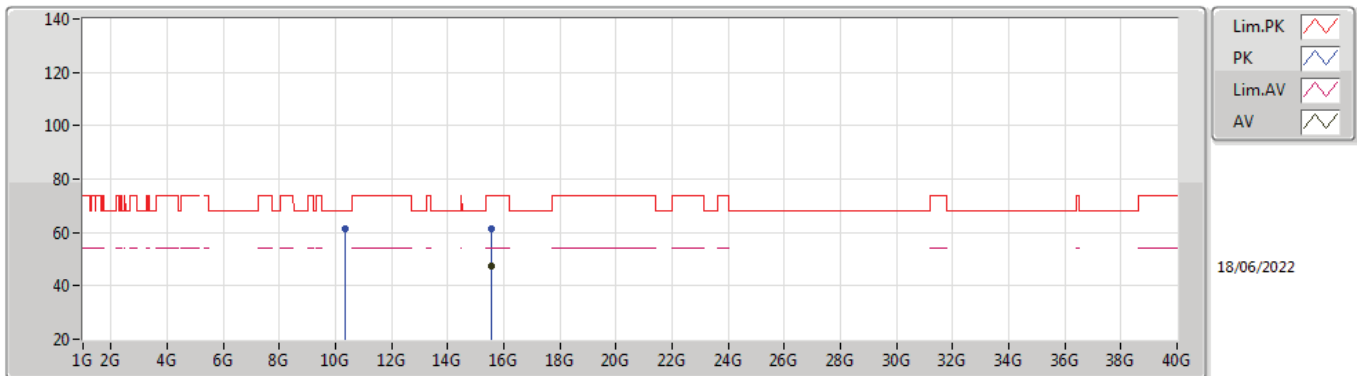
5180MHz_TX



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	15.53764G	48.03	54.00	-5.97	15.55	3	Vertical	80	1.31	-	32.48	38.37	12.10	34.92
PK	10.3646G	58.70	68.20	-9.50	12.54	3	Vertical	260	1.43	-	46.16	38.57	8.99	35.02
PK	15.53976G	64.25	74.00	-9.75	15.54	3	Vertical	80	1.31	-	48.71	38.36	12.10	34.92

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

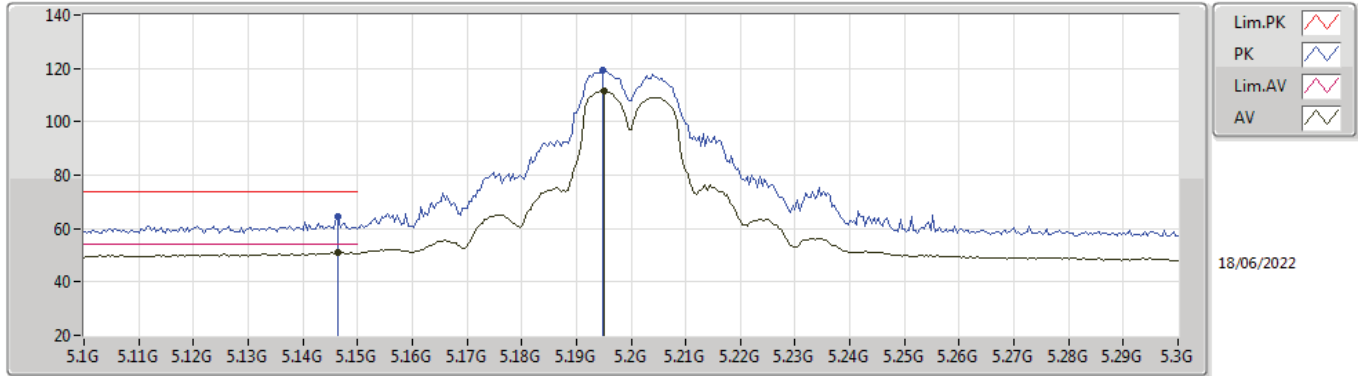


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.53932G	47.31	54.00	-6.69	15.54	3	Horizontal	222	1.50	-	31.77	38.36	12.10	34.92
PK	10.35944G	61.14	68.20	-7.06	12.54	3	Horizontal	228	1.42	-	48.60	38.58	8.99	35.03
PK	15.5396G	61.54	74.00	-12.46	15.54	3	Horizontal	222	1.50	-	46.00	38.36	12.10	34.92



802.11a_Nss1,(6Mbps)_4TX

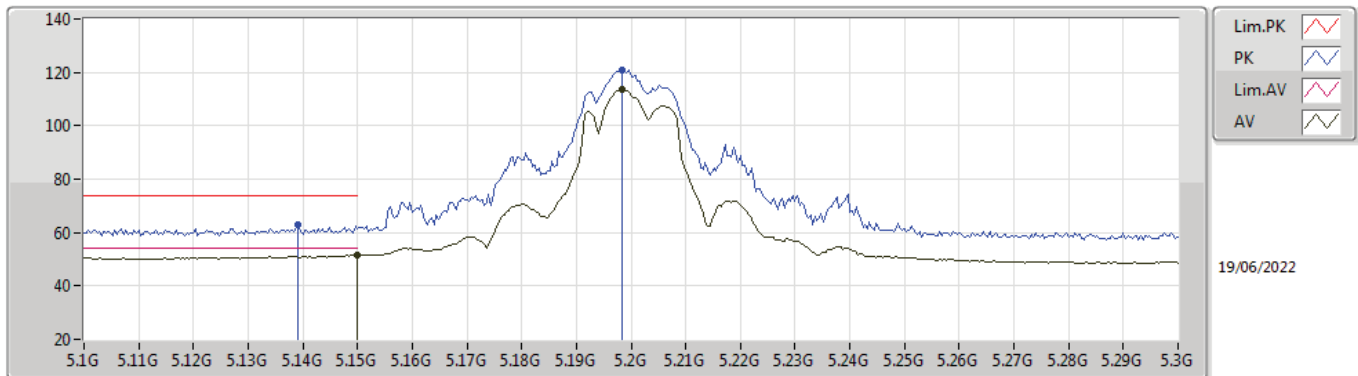
5200MHz_TX



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	5.1464G	51.00	54.00	-3.00	5.20	3	Vertical	347	1.50	-	45.80	33.09	6.87	34.76
AV	5.1952G	111.45	Inf	-Inf	5.32	3	Vertical	347	1.50	-	106.13	33.19	6.89	34.76
PK	5.1464G	64.38	74.00	-9.62	5.20	3	Vertical	347	1.50	-	59.18	33.09	6.87	34.76
PK	5.1948G	119.09	Inf	-Inf	5.32	3	Vertical	347	1.50	-	113.77	33.19	6.89	34.76

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

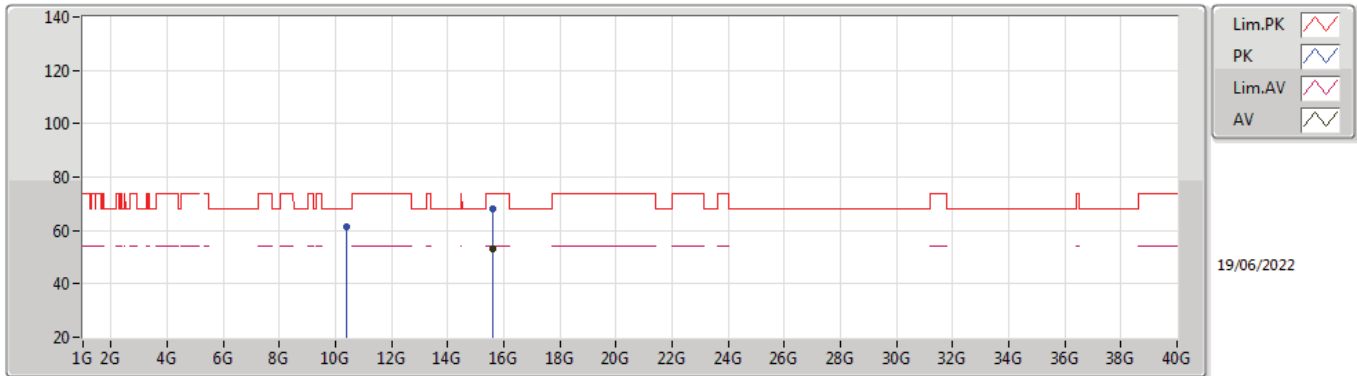


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	51.51	54.00	-2.49	5.21	3	Horizontal	312	1.75	-	46.30	33.10	6.87	34.76
AV	5.1984G	113.42	Inf	-Inf	5.33	3	Horizontal	312	1.75	-	108.09	33.20	6.89	34.76
PK	5.1392G	63.06	74.00	-10.94	5.19	3	Horizontal	312	1.75	-	57.87	33.08	6.87	34.76
PK	5.1984G	121.08	Inf	-Inf	5.33	3	Horizontal	312	1.75	-	115.75	33.20	6.89	34.76



802.11a_Nss1,(6Mbps)_4TX

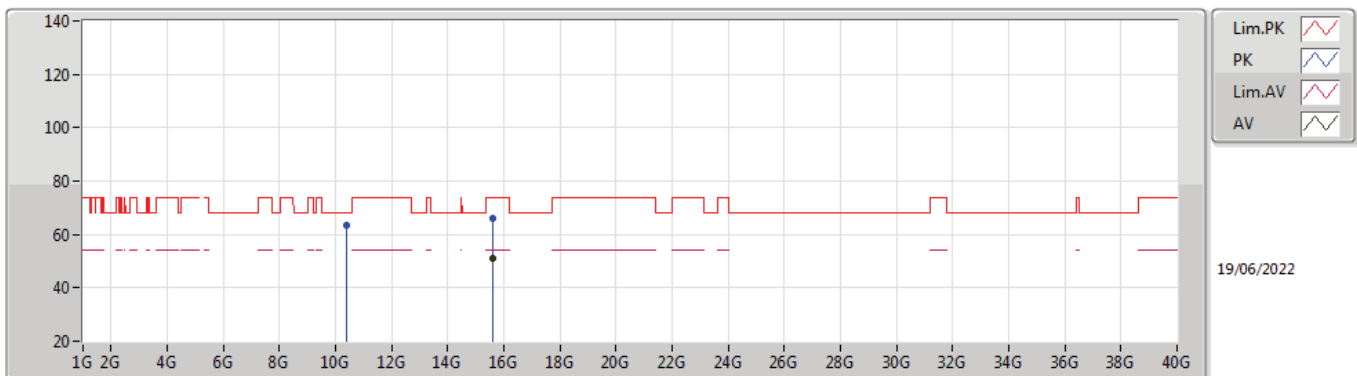
5200MHz_TX



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	15.59874G	53.27	54.00	-0.73	15.21	3	Vertical	81	1.28	-	38.06	38.01	12.16	34.96
PK	10.39112G	61.57	68.20	-6.63	12.52	3	Vertical	264	2.97	-	49.05	38.52	9.00	35.00
PK	15.59868G	68.30	74.00	-5.70	15.21	3	Vertical	81	1.28	-	53.09	38.01	12.16	34.96

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

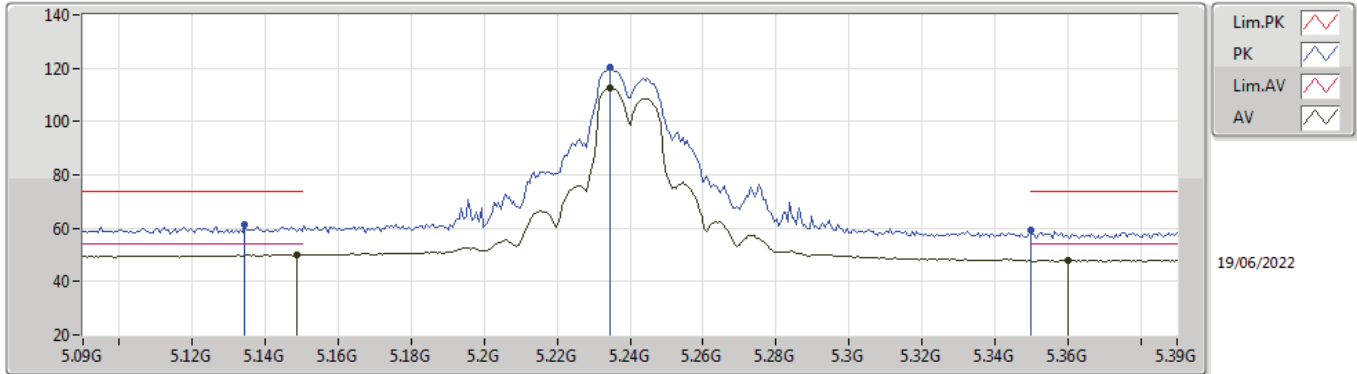


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.59898G	51.06	54.00	-2.94	15.21	3	Horizontal	220	3.00	-	35.85	38.01	12.16	34.96
PK	10.40054G	63.52	68.20	-4.68	12.51	3	Horizontal	230	1.50	-	51.01	38.50	9.00	34.99
PK	15.59898G	65.80	74.00	-8.20	15.21	3	Horizontal	220	3.00	-	50.59	38.01	12.16	34.96



802.11a_Nss1,(6Mbps)_4TX

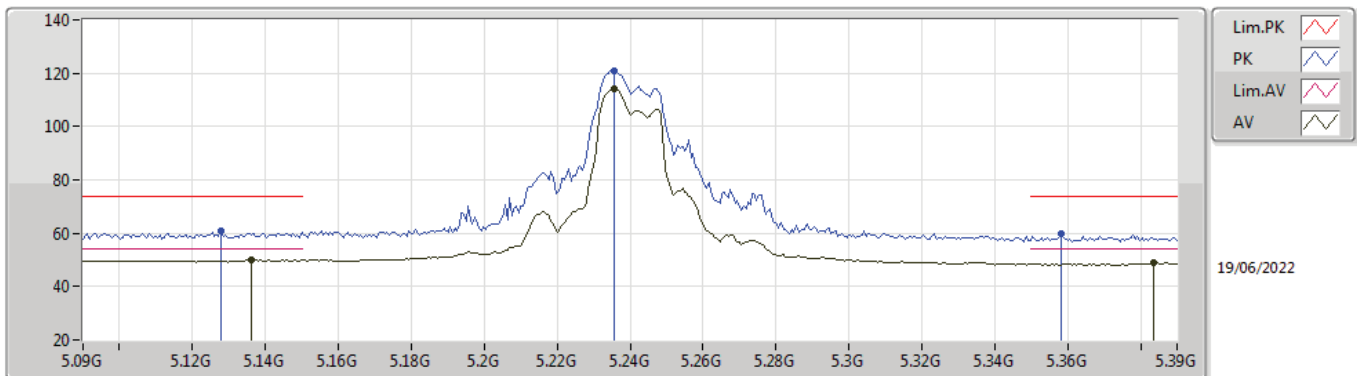
5240MHz_TX



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	5.1488G	50.06	54.00	-3.94	5.21	3	Vertical	351	1.59	-	44.85	33.10	6.87	34.76
AV	5.2346G	112.34	Inf	-Inf	5.30	3	Vertical	351	1.59	-	107.04	33.13	6.93	34.76
AV	5.36G	47.90	54.00	-6.10	5.06	3	Vertical	351	1.59	-	42.84	32.76	7.07	34.77
PK	5.1344G	61.59	74.00	-12.41	5.17	3	Vertical	351	1.59	-	56.42	33.07	6.86	34.76
PK	5.2346G	120.34	Inf	-Inf	5.30	3	Vertical	351	1.59	-	115.04	33.13	6.93	34.76
PK	5.35G	59.30	74.00	-14.70	4.99	3	Vertical	351	1.59	-	54.31	32.70	7.06	34.77

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

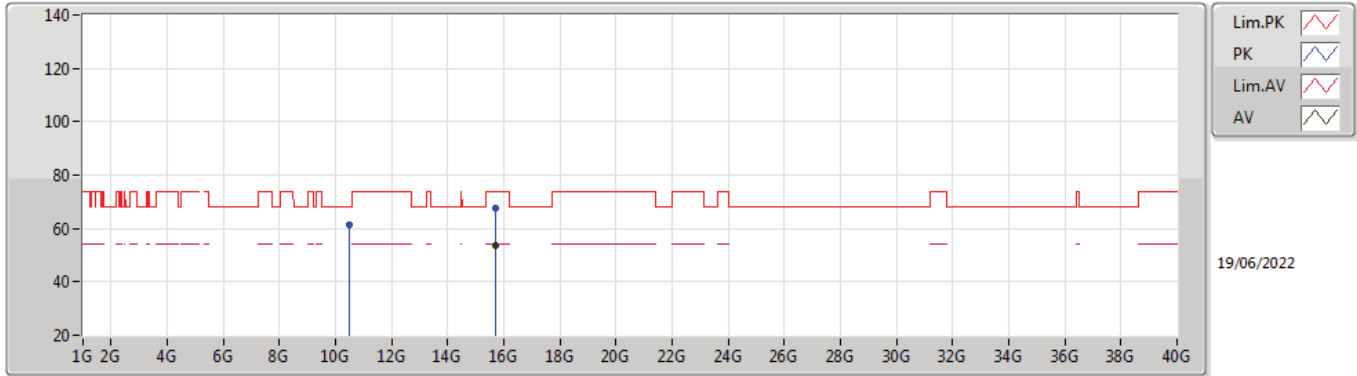


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1362G	50.04	54.00	-3.96	5.17	3	Horizontal	191	2.66	-	44.87	33.07	6.86	34.76
AV	5.2358G	114.01	Inf	-Inf	5.30	3	Horizontal	191	2.66	-	108.71	33.13	6.93	34.76
AV	5.3834G	48.74	54.00	-5.26	5.23	3	Horizontal	191	2.66	-	43.51	32.90	7.10	34.77
PK	5.1278G	60.62	74.00	-13.38	5.16	3	Horizontal	191	2.66	-	55.46	33.06	6.86	34.76
PK	5.2358G	121.00	Inf	-Inf	5.30	3	Horizontal	191	2.66	-	115.70	33.13	6.93	34.76
PK	5.3582G	59.62	74.00	-14.38	5.05	3	Horizontal	191	2.66	-	54.57	32.75	7.07	34.77



802.11a_Nss1,(6Mbps)_4TX

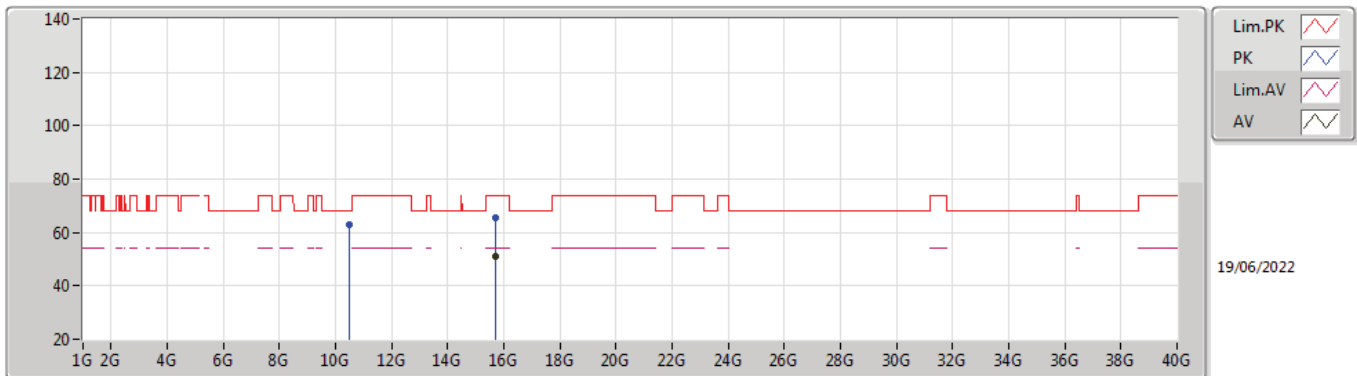
5240MHz_TX



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	15.7188G	53.66	54.00	-0.34	15.33	3	Vertical	80	1.31	-	38.33	38.08	12.28	35.03
PK	10.48618G	61.59	68.20	-6.61	12.71	3	Vertical	261	2.26	-	48.88	38.59	9.03	34.91
PK	15.71862G	67.81	74.00	-6.19	15.33	3	Vertical	80	1.31	-	52.48	38.08	12.28	35.03

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

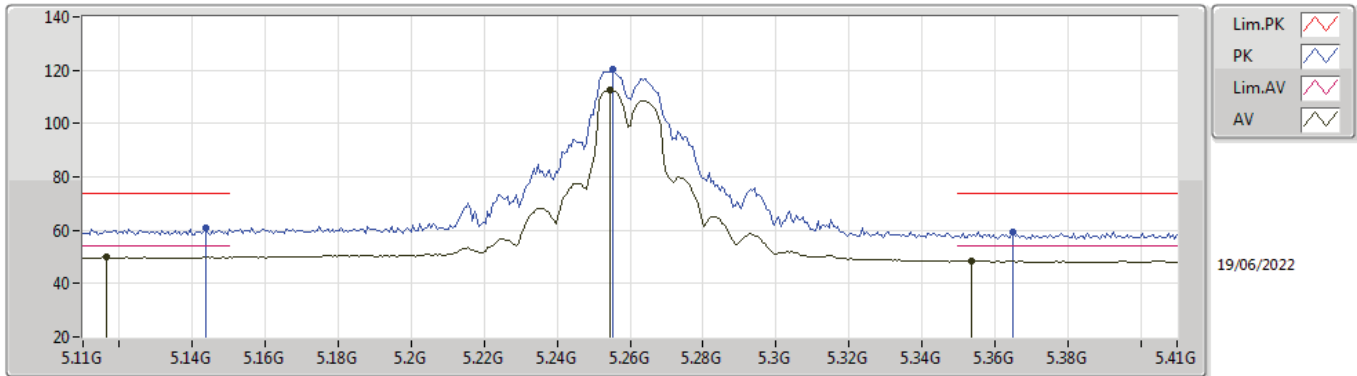


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.7179G	51.25	54.00	-2.75	15.33	3	Horizontal	220	1.43	-	35.92	38.08	12.28	35.03
PK	10.4764G	62.91	68.20	-5.29	12.69	3	Horizontal	294	1.50	-	50.22	38.58	9.03	34.92
PK	15.71856G	65.69	74.00	-8.31	15.33	3	Horizontal	220	1.43	-	50.36	38.08	12.28	35.03



802.11a_Nss1,(6Mbps)_4TX

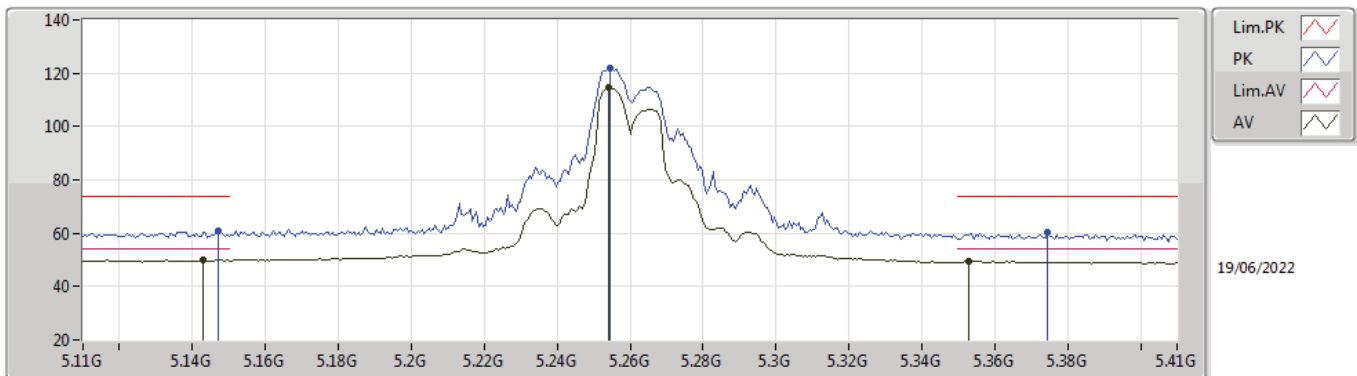
5260MHz_TX



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	5.1166G	50.05	54.00	-3.95	5.13	3	Vertical	353	1.96	-	44.92	33.03	6.86	34.76
AV	5.2546G	112.62	Inf	-Inf	5.26	3	Vertical	353	1.96	-	107.36	33.08	6.95	34.77
AV	5.3536G	48.70	54.00	-5.30	5.02	3	Vertical	353	1.96	-	43.68	32.72	7.07	34.77
PK	5.1436G	61.10	74.00	-12.90	5.20	3	Vertical	353	1.96	-	55.90	33.09	6.87	34.76
PK	5.2552G	120.12	Inf	-Inf	5.26	3	Vertical	353	1.96	-	114.86	33.08	6.95	34.77
PK	5.365G	59.36	74.00	-14.64	5.10	3	Vertical	353	1.96	-	54.26	32.79	7.08	34.77

802.11a_Nss1,(6Mbps)_4TX

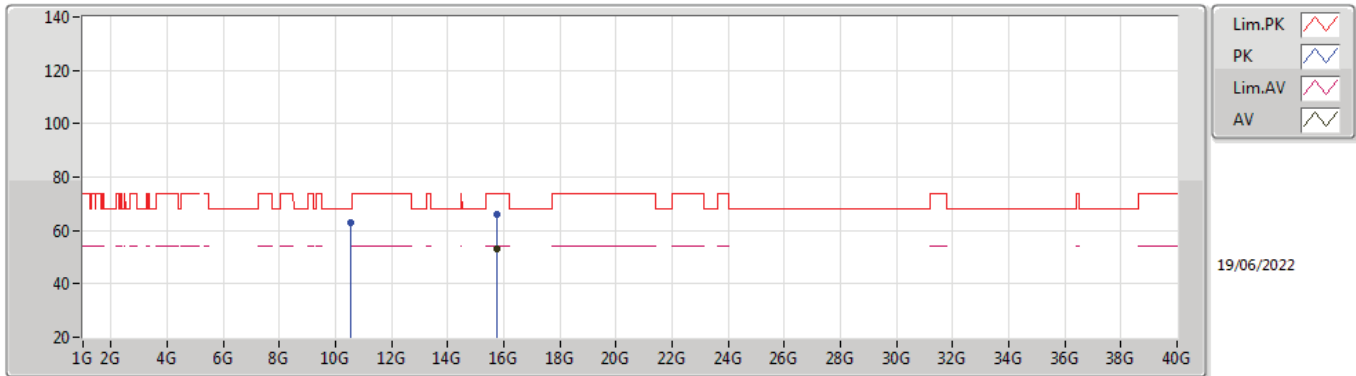
5260MHz_TX



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	5.143G	49.91	54.00	-4.09	5.20	3	Horizontal	183	1.96	-	44.71	33.09	6.87	34.76
AV	5.254G	114.52	Inf	-Inf	5.26	3	Horizontal	183	1.96	-	109.26	33.08	6.95	34.77
AV	5.353G	49.64	54.00	-4.36	5.02	3	Horizontal	183	1.96	-	44.62	32.72	7.07	34.77
PK	5.1472G	61.09	74.00	-12.91	5.20	3	Horizontal	183	1.96	-	55.89	33.09	6.87	34.76
PK	5.2546G	122.08	Inf	-Inf	5.26	3	Horizontal	183	1.96	-	116.82	33.08	6.95	34.77
PK	5.3746G	60.14	74.00	-13.86	5.17	3	Horizontal	183	1.96	-	54.97	32.85	7.09	34.77

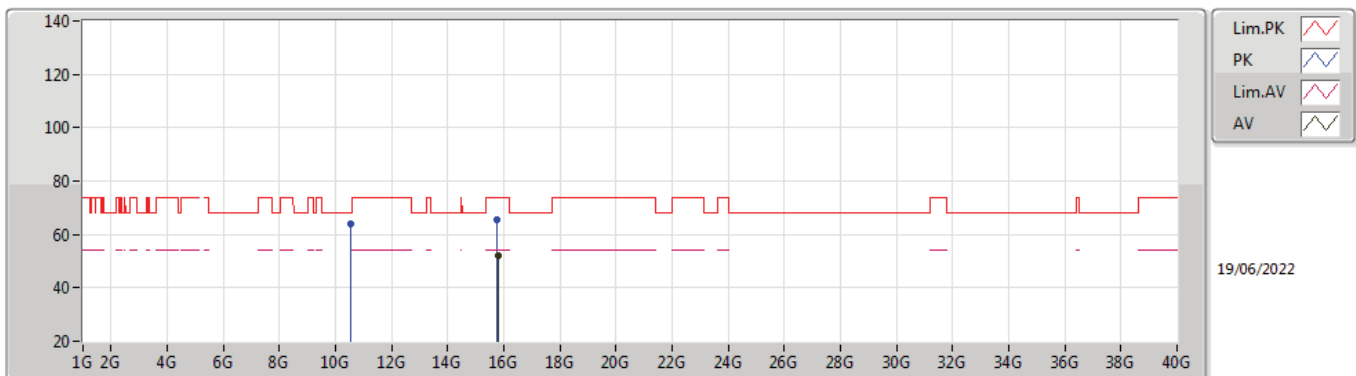


802.11a_Nss1,(6Mbps)_4TX
5260MHz_TX



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	15.7772G	53.01	54.00	-0.99	15.30	3	Vertical	82	1.30	-	37.71	38.02	12.34	35.06
PK	10.52576G	62.81	68.20	-5.39	12.83	3	Vertical	255	2.79	-	49.98	38.68	9.04	34.89
PK	15.7772G	66.24	74.00	-7.76	15.30	3	Vertical	82	1.30	-	50.94	38.02	12.34	35.06

802.11a_Nss1,(6Mbps)_4TX
5260MHz_TX

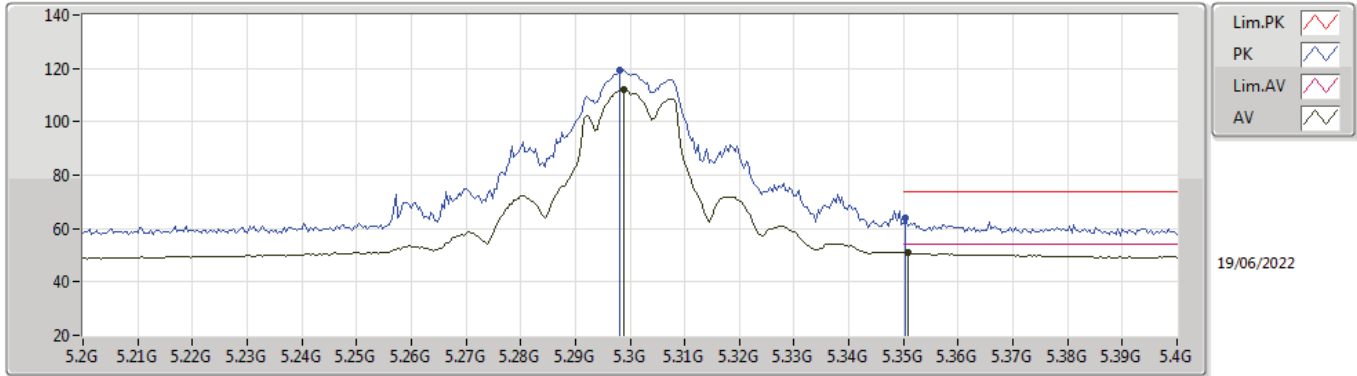


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.77968G	52.09	54.00	-1.91	15.30	3	Horizontal	221	1.48	-	36.79	38.02	12.34	35.06
PK	10.51832G	64.05	68.20	-4.15	12.80	3	Horizontal	296	1.48	-	51.25	38.65	9.04	34.89
PK	15.77792G	65.41	74.00	-8.59	15.30	3	Horizontal	221	1.48	-	50.11	38.02	12.34	35.06



802.11a_Nss1,(6Mbps)_4TX

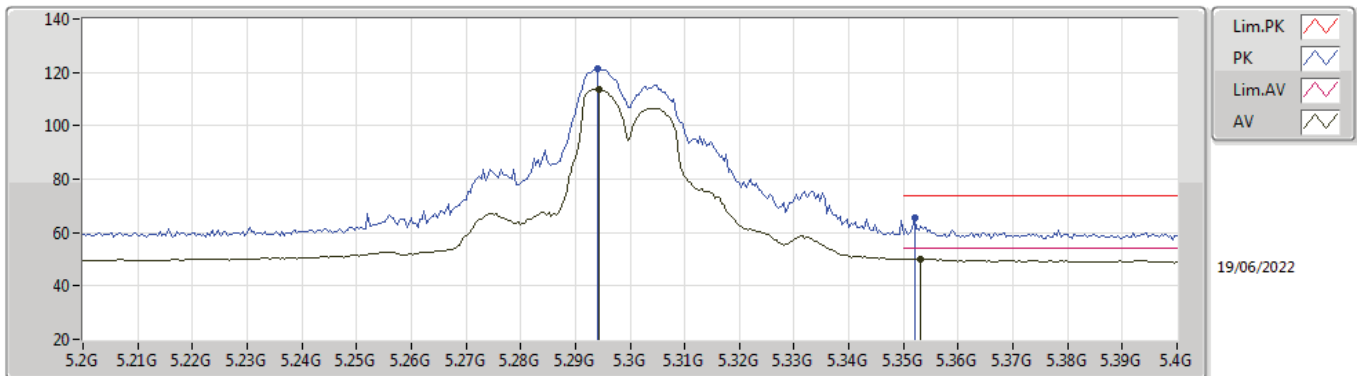
5300MHz_TX



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	5.2988G	111.89	Inf	-Inf	5.13	3	Vertical	80	2.20	-	106.76	32.90	7.00	34.77
AV	5.3508G	50.86	54.00	-3.14	4.99	3	Vertical	80	2.20	-	45.87	32.70	7.06	34.77
PK	5.298G	119.55	Inf	-Inf	5.14	3	Vertical	80	2.20	-	114.41	32.91	7.00	34.77
PK	5.3504G	63.95	74.00	-10.05	4.99	3	Vertical	80	2.20	-	58.96	32.70	7.06	34.77

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

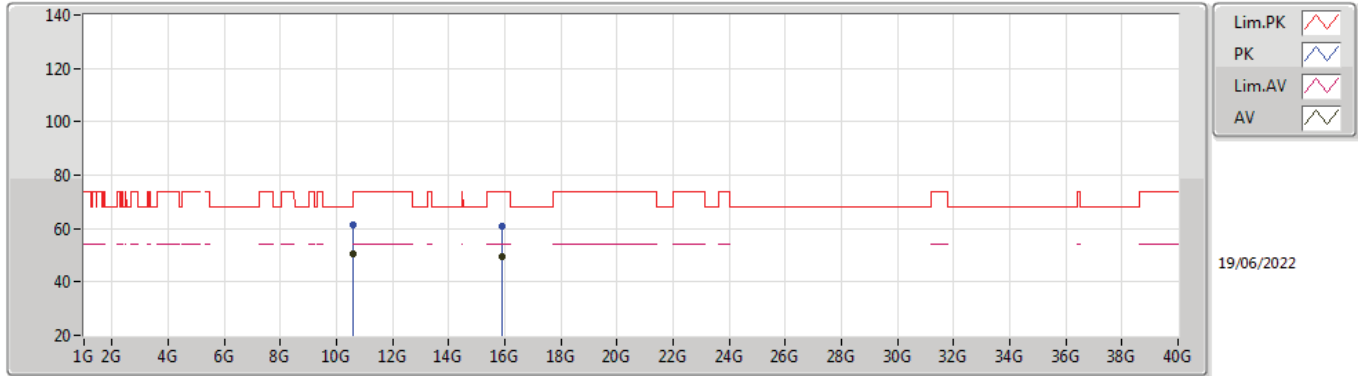


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2944G	113.58	Inf	-Inf	5.15	3	Horizontal	182	2.12	-	108.43	32.92	7.00	34.77
AV	5.3532G	50.24	54.00	-3.76	5.02	3	Horizontal	182	2.12	-	45.22	32.72	7.07	34.77
PK	5.294G	121.55	Inf	-Inf	5.15	3	Horizontal	182	2.12	-	116.40	32.92	7.00	34.77
PK	5.352G	65.71	74.00	-8.29	5.00	3	Horizontal	182	2.12	-	60.71	32.71	7.06	34.77



802.11a_Nss1,(6Mbps)_4TX

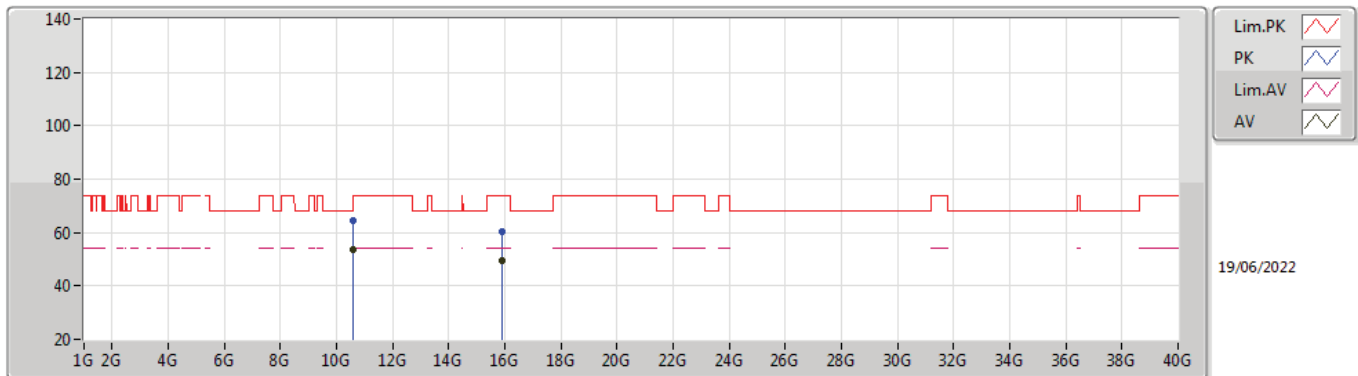
5300MHz_TX



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	10.60264G	50.71	54.00	-3.29	13.11	3	Vertical	252	2.48	-	37.60	38.91	9.07	34.87
AV	15.89868G	49.43	54.00	-4.57	14.94	3	Vertical	78	1.27	-	34.49	37.61	12.46	35.13
PK	10.60264G	61.19	74.00	-12.81	13.11	3	Vertical	252	2.48	-	48.08	38.91	9.07	34.87
PK	15.90036G	61.12	74.00	-12.88	14.93	3	Vertical	78	1.27	-	46.19	37.60	12.46	35.13

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

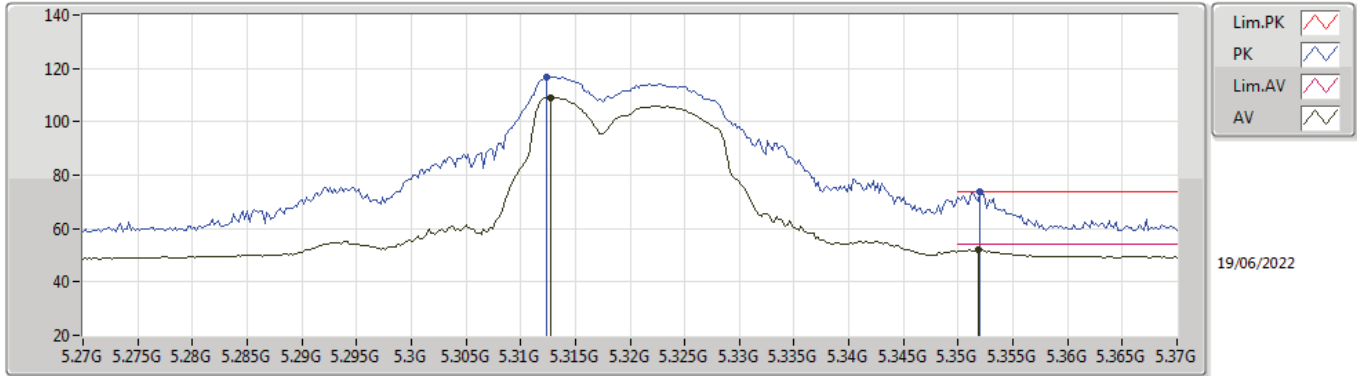


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.6003G	53.84	54.00	-0.16	13.10	3	Horizontal	230	1.88	-	40.74	38.90	9.07	34.87
AV	15.89898G	49.23	54.00	-4.77	14.93	3	Horizontal	221	1.50	-	34.30	37.60	12.46	35.13
PK	10.6012G	64.65	74.00	-9.35	13.10	3	Horizontal	230	1.88	-	51.55	38.90	9.07	34.87
PK	15.90036G	60.21	74.00	-13.79	14.93	3	Horizontal	221	1.50	-	45.28	37.60	12.46	35.13



802.11a_Nss1,(6Mbps)_4TX

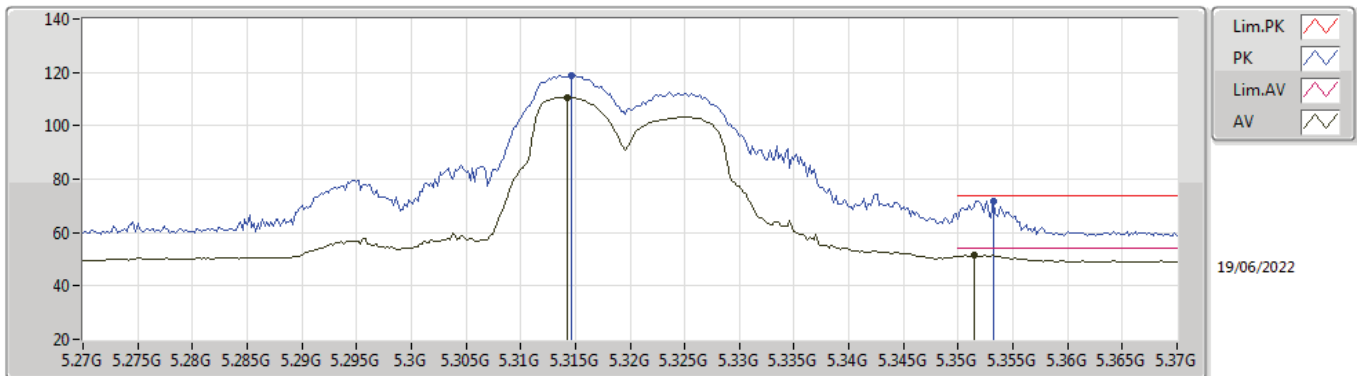
5320MHz_TX



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	5.3128G	109.07	Inf	-Inf	5.10	3	Vertical	64	1.50	-	103.97	32.85	7.02	34.77
AV	5.3518G	51.96	54.00	-2.04	5.00	3	Vertical	64	1.50	-	46.96	32.71	7.06	34.77
PK	5.3124G	116.95	Inf	-Inf	5.10	3	Vertical	64	1.50	-	111.85	32.85	7.02	34.77
PK	5.352G	73.55	74.00	-0.45	5.00	3	Vertical	64	1.50	-	68.55	32.71	7.06	34.77

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

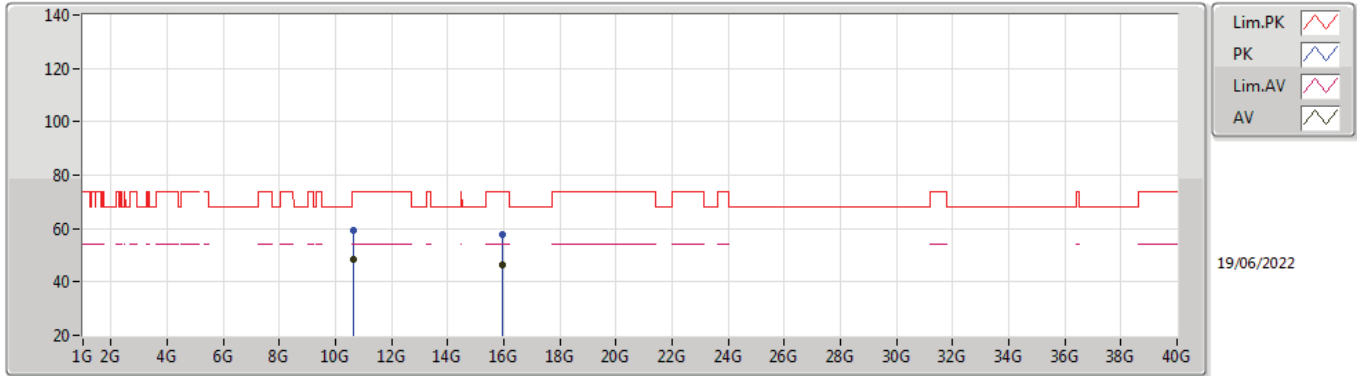


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3142G	110.77	Inf	-Inf	5.09	3	Horizontal	183	1.91	-	105.68	32.84	7.02	34.77
AV	5.3514G	51.53	54.00	-2.47	5.00	3	Horizontal	183	1.91	-	46.53	32.71	7.06	34.77
PK	5.3146G	118.79	Inf	-Inf	5.09	3	Horizontal	183	1.91	-	113.70	32.84	7.02	34.77
PK	5.3532G	71.92	74.00	-2.08	5.02	3	Horizontal	183	1.91	-	66.90	32.72	7.07	34.77



802.11a_Nss1,(6Mbps)_4TX

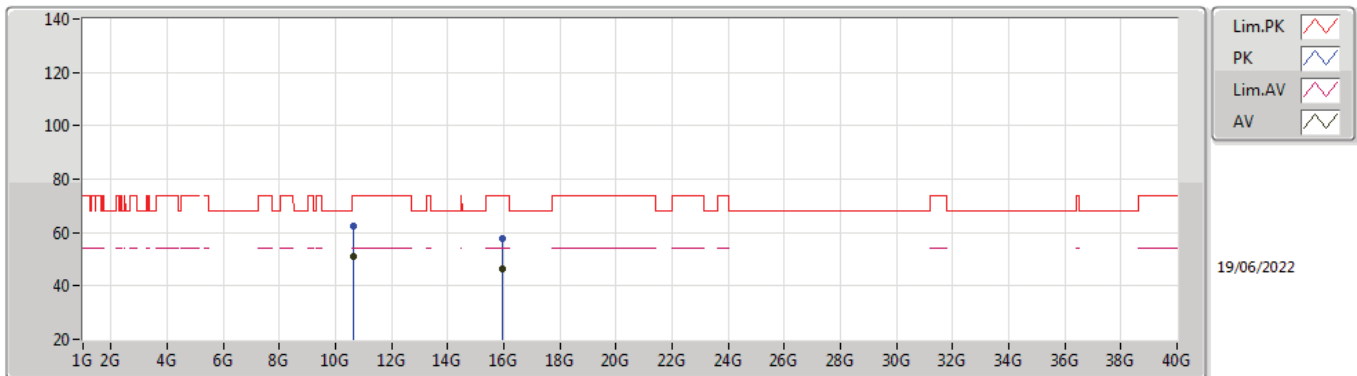
5320MHz_TX



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	10.64168G	48.24	54.00	-5.76	13.21	3	Vertical	247	2.91	-	35.03	38.98	9.08	34.85
AV	15.9656G	46.31	54.00	-7.69	14.96	3	Vertical	142	1.50	-	31.35	37.60	12.53	35.17
PK	10.64176G	59.23	74.00	-14.77	13.21	3	Vertical	247	2.91	-	46.02	38.98	9.08	34.85
PK	15.97512G	57.85	74.00	-16.15	14.96	3	Vertical	142	1.50	-	42.89	37.60	12.54	35.18

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

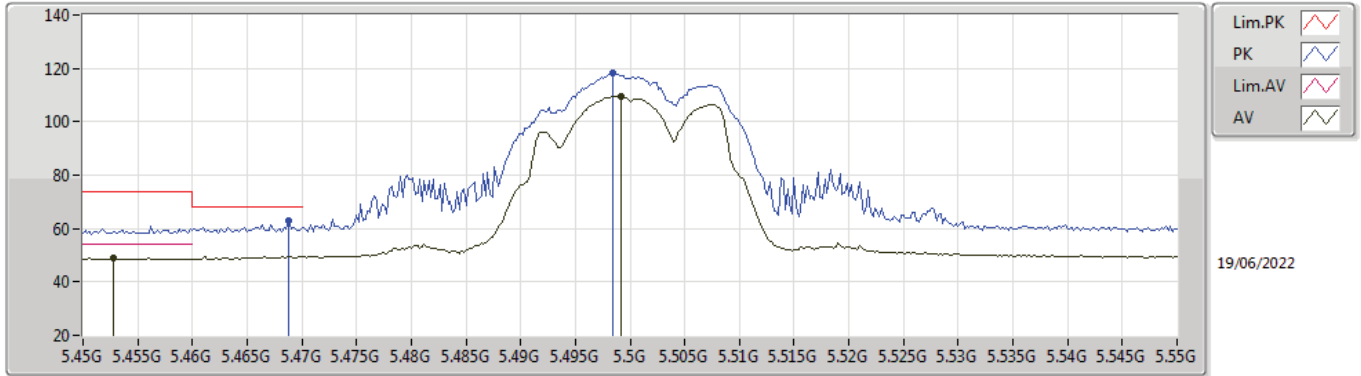


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.64G	50.89	54.00	-3.11	13.20	3	Horizontal	225	1.59	-	37.69	38.98	9.08	34.86
AV	15.9604G	46.34	54.00	-7.66	14.95	3	Horizontal	163	1.50	-	31.39	37.60	12.52	35.17
PK	10.6392G	62.46	74.00	-11.54	13.20	3	Horizontal	225	1.59	-	49.26	38.98	9.08	34.86
PK	15.95808G	57.74	74.00	-16.26	14.95	3	Horizontal	163	1.50	-	42.79	37.60	12.52	35.17



802.11a_Nss1,(6Mbps)_4TX

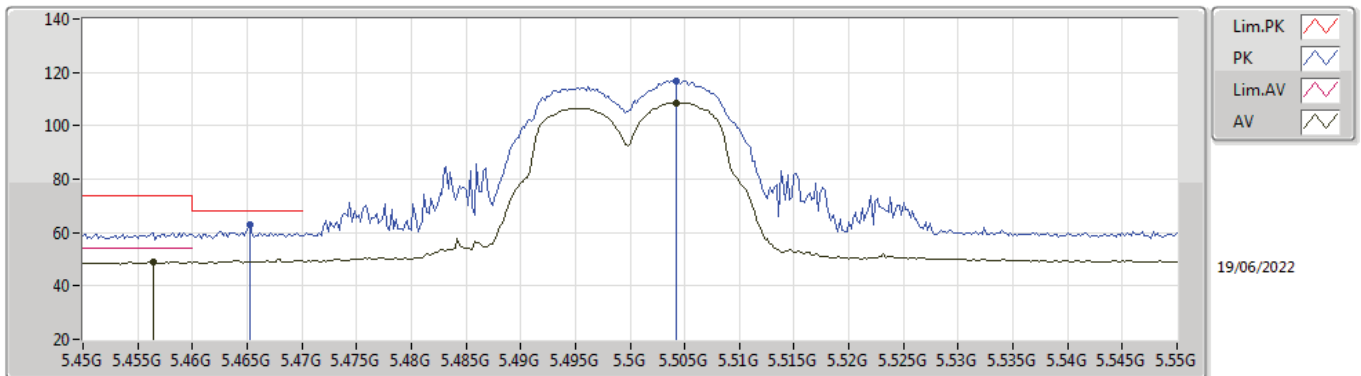
5500MHz_TX



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	5.4528G	48.83	54.00	-5.17	5.13	3	Vertical	77	2.85	-	43.70	32.81	7.09	34.77
AV	5.4992G	109.56	Inf	-Inf	5.19	3	Vertical	77	2.85	-	104.37	32.90	7.06	34.77
PK	5.4688G	62.84	68.20	-5.36	5.15	3	Vertical	77	2.85	-	57.69	32.84	7.08	34.77
PK	5.4984G	118.05	Inf	-Inf	5.19	3	Vertical	77	2.85	-	112.86	32.90	7.06	34.77

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

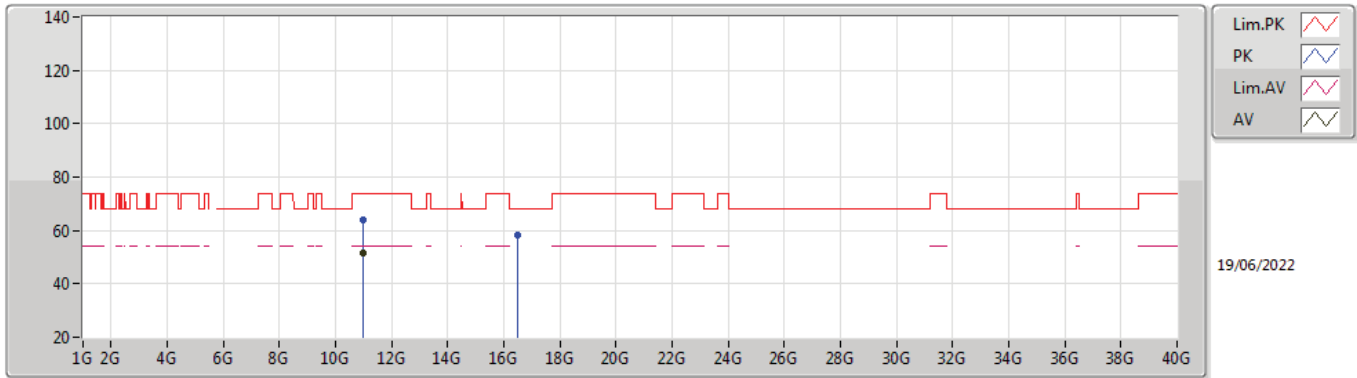


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4564G	48.92	54.00	-5.08	5.12	3	Horizontal	352	1.67	-	43.80	32.81	7.08	34.77
AV	5.5042G	108.65	Inf	-Inf	5.19	3	Horizontal	352	1.67	-	103.46	32.91	7.05	34.77
PK	5.4652G	62.70	68.20	-5.50	5.14	3	Horizontal	352	1.67	-	57.56	32.83	7.08	34.77
PK	5.5042G	116.93	Inf	-Inf	5.19	3	Horizontal	352	1.67	-	111.74	32.91	7.05	34.77



802.11a_Nss1,(6Mbps)_4TX

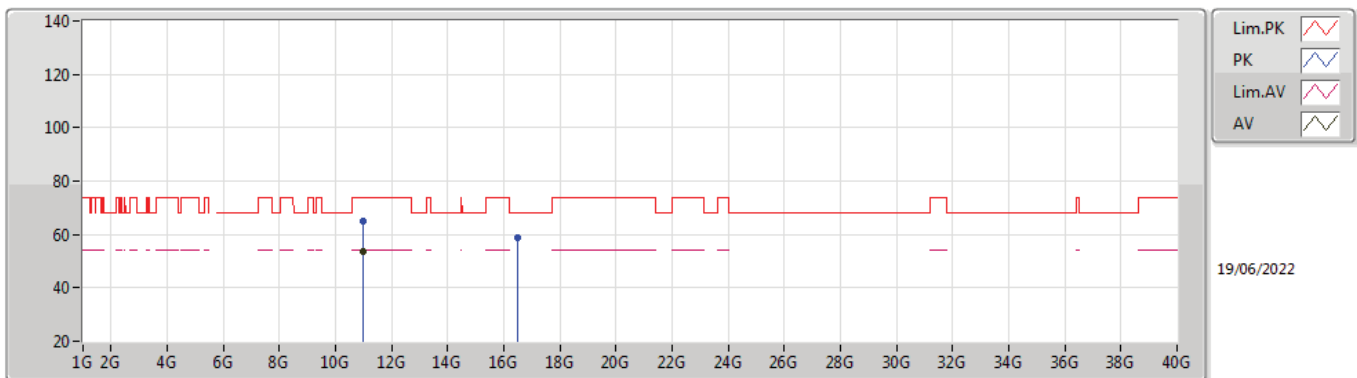
5500MHz_TX



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	11.0033G	51.56	54.00	-2.44	13.16	3	Vertical	292	1.40	-	38.40	38.70	9.20	34.74
PK	11.003G	64.14	74.00	-9.86	13.16	3	Vertical	292	1.40	-	50.98	38.70	9.20	34.74
PK	16.50152G	58.33	68.20	-9.87	16.46	3	Vertical	33	2.15	-	41.87	38.69	12.71	34.94

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

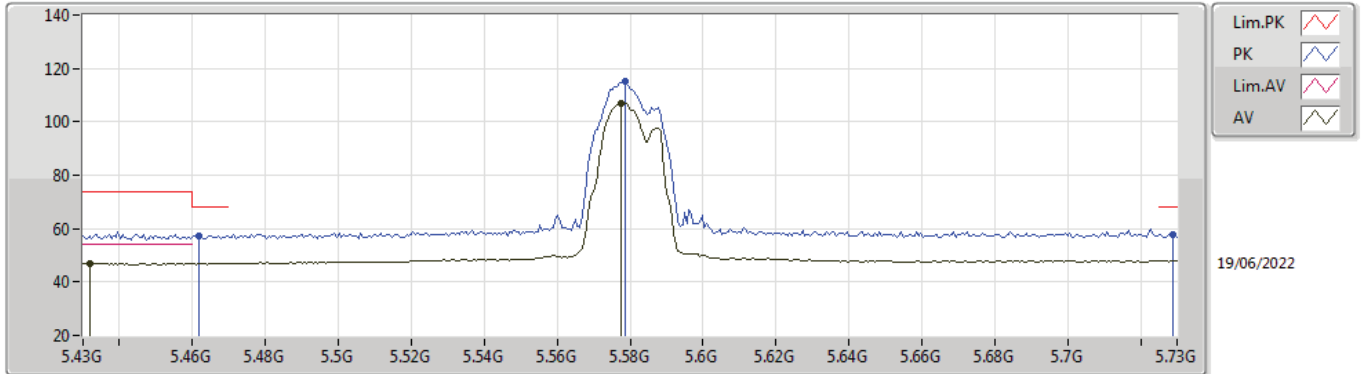


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.00036G	53.48	54.00	-0.52	13.16	3	Horizontal	203	1.50	-	40.32	38.70	9.20	34.74
PK	11G	64.84	74.00	-9.16	13.16	3	Horizontal	203	1.50	-	51.68	38.70	9.20	34.74
PK	16.49688G	58.73	68.20	-9.47	16.44	3	Horizontal	271	1.88	-	42.29	38.68	12.70	34.94



802.11a_Nss1,(6Mbps)_4TX

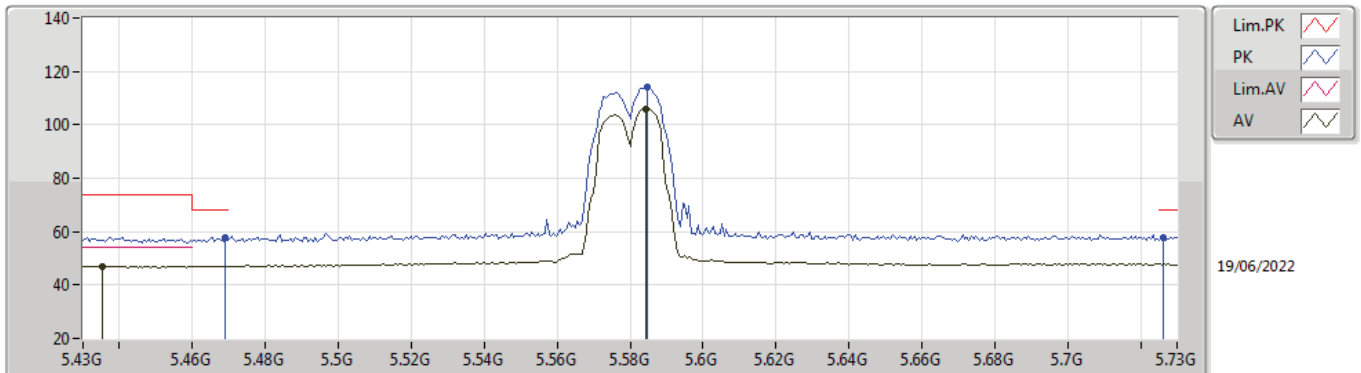
5580MHz_TX



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	5.4318G	47.09	54.00	-6.91	5.20	3	Vertical	80	1.69	-	41.89	32.87	7.10	34.77
AV	5.5776G	106.97	Inf	-Inf	5.23	3	Vertical	80	1.69	-	101.74	33.00	7.00	34.77
PK	5.4618G	57.50	68.20	-10.70	5.13	3	Vertical	80	1.69	-	52.37	32.82	7.08	34.77
PK	5.5788G	115.06	Inf	-Inf	5.23	3	Vertical	80	1.69	-	109.83	33.00	7.00	34.77
PK	5.7288G	57.91	68.20	-10.29	5.69	3	Vertical	80	1.69	-	52.22	33.52	6.94	34.77

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX

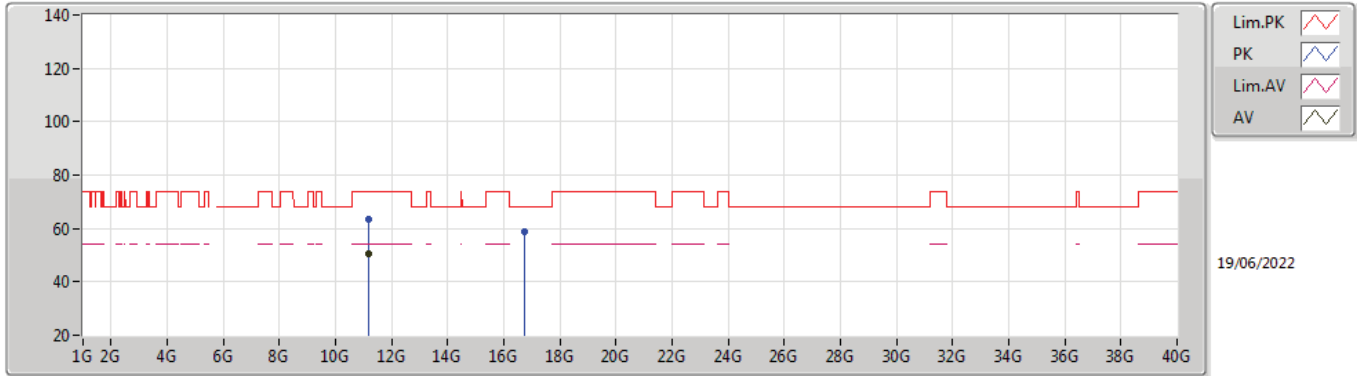


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4354G	47.07	54.00	-6.93	5.19	3	Horizontal	350	1.50	-	41.88	32.86	7.10	34.77
AV	5.5842G	106.10	Inf	-Inf	5.23	3	Horizontal	350	1.50	-	100.87	33.00	7.00	34.77
PK	5.469G	57.93	68.20	-10.27	5.15	3	Horizontal	350	1.50	-	52.78	32.84	7.08	34.77
PK	5.5848G	114.34	Inf	-Inf	5.23	3	Horizontal	350	1.50	-	109.11	33.00	7.00	34.77
PK	5.7264G	58.01	68.20	-10.19	5.68	3	Horizontal	350	1.50	-	52.33	33.51	6.94	34.77



802.11a_Nss1,(6Mbps)_4TX

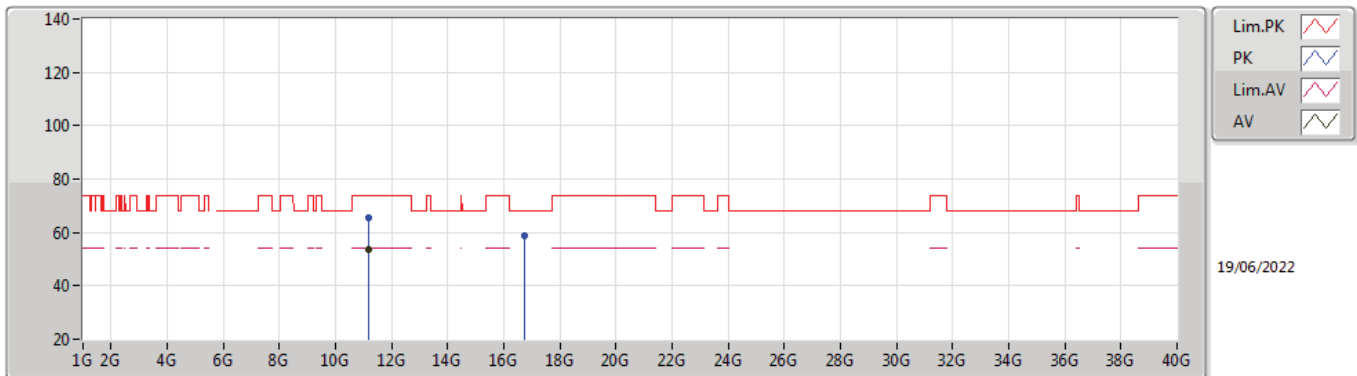
5580MHz_TX



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	11.1597G	50.77	54.00	-3.23	13.21	3	Vertical	248	1.29	-	37.56	38.66	9.25	34.70
PK	11.15988G	63.69	74.00	-10.31	13.21	3	Vertical	248	1.29	-	50.48	38.66	9.25	34.70
PK	16.73896G	58.67	68.20	-9.53	16.49	3	Vertical	65	1.22	-	42.18	38.18	12.77	34.46

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX

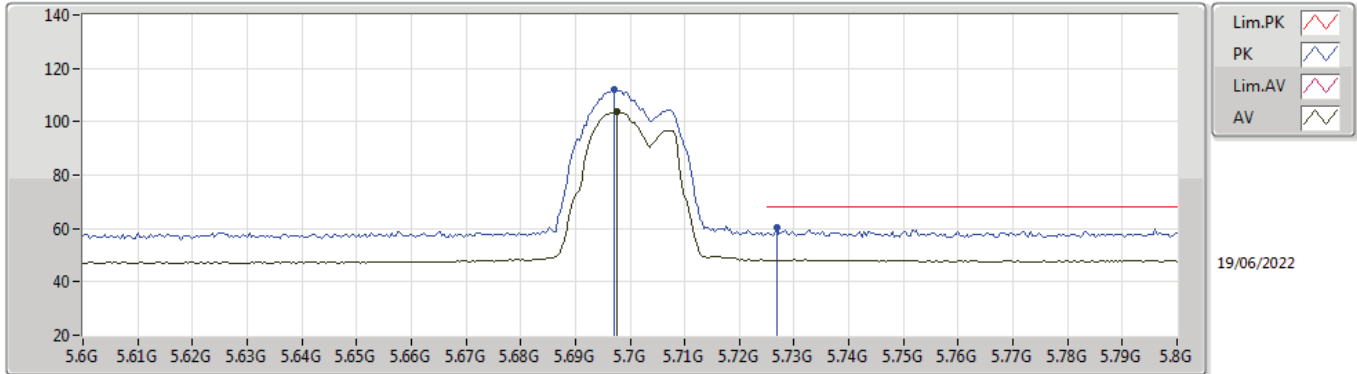


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.1633G	53.74	54.00	-0.26	13.21	3	Horizontal	218	2.02	-	40.53	38.66	9.25	34.70
PK	11.163G	65.70	74.00	-8.30	13.21	3	Horizontal	218	2.02	-	52.49	38.66	9.25	34.70
PK	16.75284G	58.90	68.20	-9.30	16.56	3	Horizontal	20	1.69	-	42.34	38.21	12.78	34.43



802.11a_Nss1,(6Mbps)_4TX

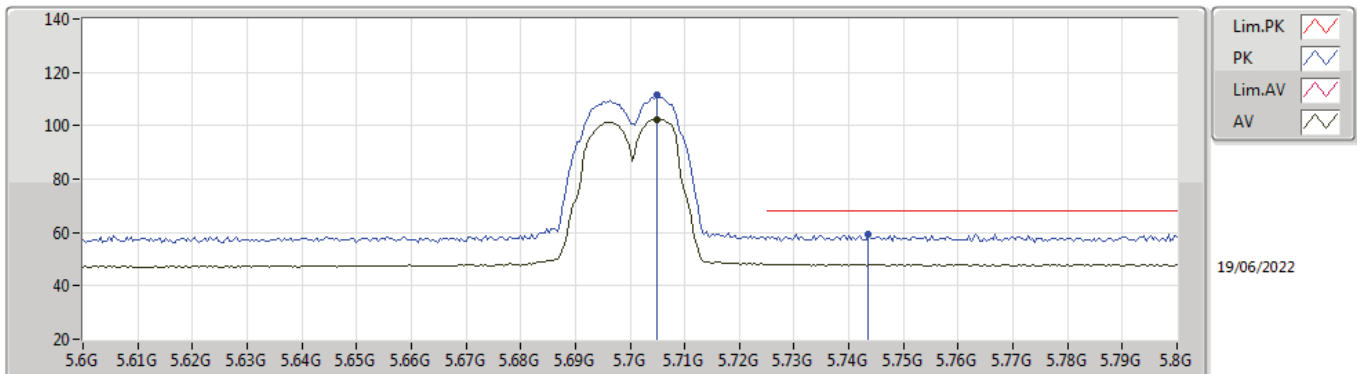
5700MHz_TX



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	5.6976G	103.63	Inf	-Inf	5.56	3	Vertical	80	1.50	-	98.07	33.38	6.95	34.77
PK	5.6972G	112.22	Inf	-Inf	5.56	3	Vertical	80	1.50	-	106.66	33.38	6.95	34.77
PK	5.7268G	60.09	68.20	-8.11	5.68	3	Vertical	80	1.50	-	54.41	33.51	6.94	34.77

802.11a_Nss1,(6Mbps)_4TX

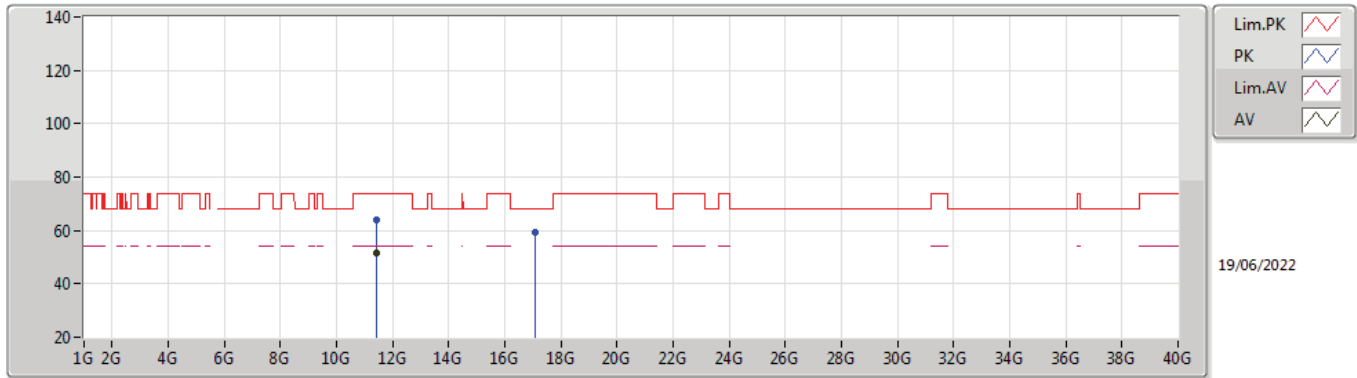
5700MHz_TX



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	5.7048G	102.49	Inf	-Inf	5.60	3	Horizontal	351	1.50	-	96.89	33.42	6.95	34.77
PK	5.7048G	111.32	Inf	-Inf	5.60	3	Horizontal	351	1.50	-	105.72	33.42	6.95	34.77
PK	5.7436G	59.25	68.20	-8.95	5.73	3	Horizontal	351	1.50	-	53.52	33.57	6.93	34.77

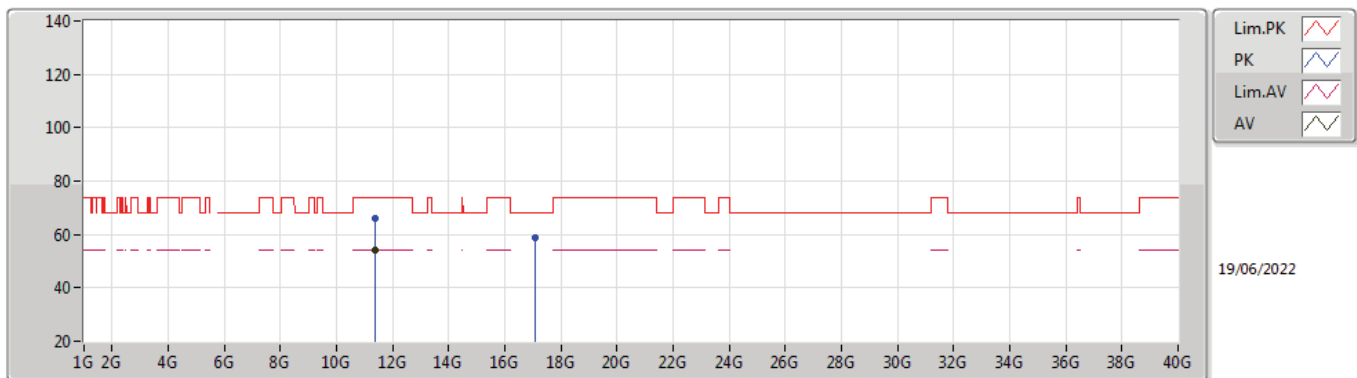


802.11a_Nss1,(6Mbps)_4TX
5700MHz_TX



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	11.4021G	51.61	54.00	-2.39	13.59	3	Vertical	252	1.23	-	38.02	38.90	9.33	34.64
PK	11.40174G	63.90	74.00	-10.10	13.59	3	Vertical	252	1.23	-	50.31	38.90	9.33	34.64
PK	17.09724G	59.51	68.20	-8.69	16.81	3	Vertical	147	1.73	-	42.70	38.00	12.88	34.07

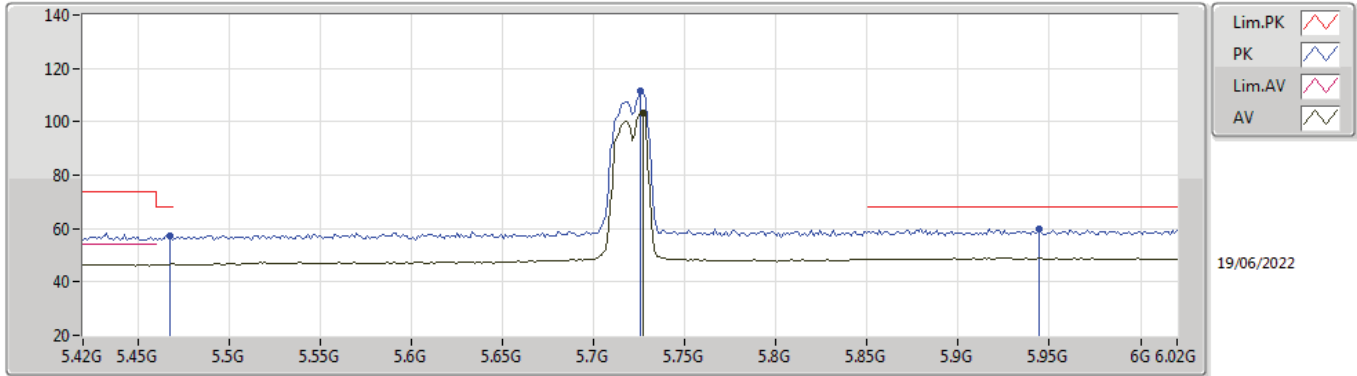
802.11a_Nss1,(6Mbps)_4TX
5700MHz_TX



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	11.39724G	53.88	54.00	-0.12	13.59	3	Horizontal	239	1.50	-	40.29	38.90	9.33	34.64
PK	11.39784G	66.22	74.00	-7.78	13.59	3	Horizontal	239	1.50	-	52.63	38.90	9.33	34.64
PK	17.09518G	58.96	68.20	-9.24	16.81	3	Horizontal	317	2.05	-	42.15	38.00	12.88	34.07

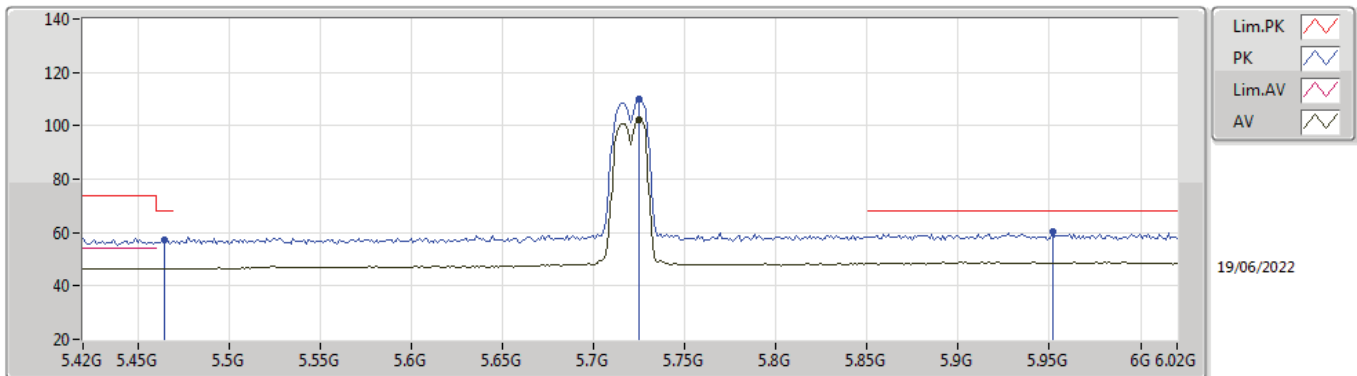


802.11a_Nss1,(6Mbps)_4TX
5720MHz Straddle 5.47-5.725GHz_TX



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	5.7272G	103.42	Inf	-Inf	5.68	3	Vertical	79	2.96	-	97.74	33.51	6.94	34.77
PK	5.468G	57.40	68.20	-10.80	5.15	3	Vertical	79	2.96	-	52.25	32.84	7.08	34.77
PK	5.726G	111.48	Inf	-Inf	5.67	3	Vertical	79	2.96	-	105.81	33.50	6.94	34.77
PK	5.9444G	59.82	68.20	-8.38	7.08	3	Vertical	79	2.96	-	52.74	34.30	7.55	34.77

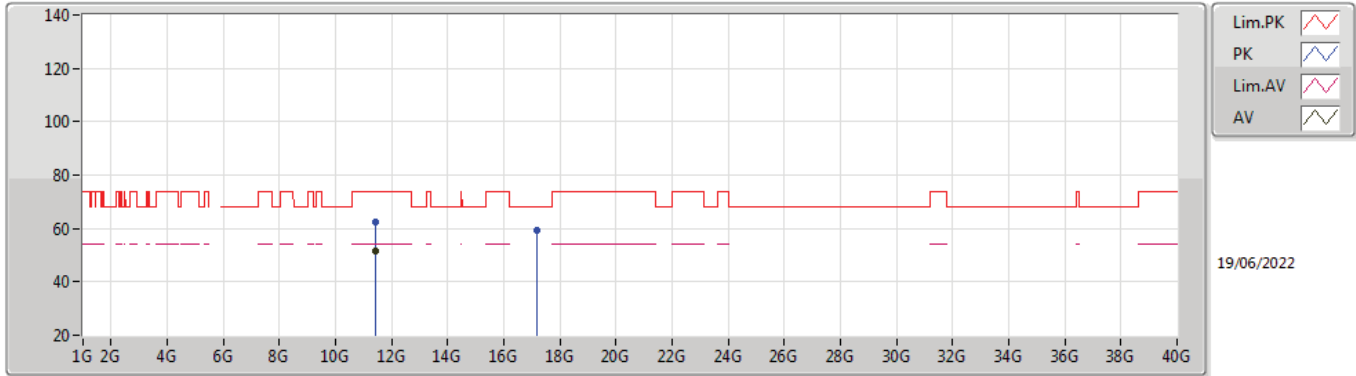
802.11a_Nss1,(6Mbps)_4TX
5720MHz Straddle 5.47-5.725GHz_TX



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	5.7248G	102.25	Inf	-Inf	5.67	3	Horizontal	353	1.29	-	96.58	33.50	6.94	34.77
PK	5.4644G	57.25	68.20	-10.95	5.14	3	Horizontal	353	1.29	-	52.11	32.83	7.08	34.77
PK	5.7248G	109.91	Inf	-Inf	5.67	3	Horizontal	353	1.29	-	104.24	33.50	6.94	34.77
PK	5.9516G	60.16	68.20	-8.04	7.11	3	Horizontal	353	1.29	-	53.05	34.30	7.58	34.77

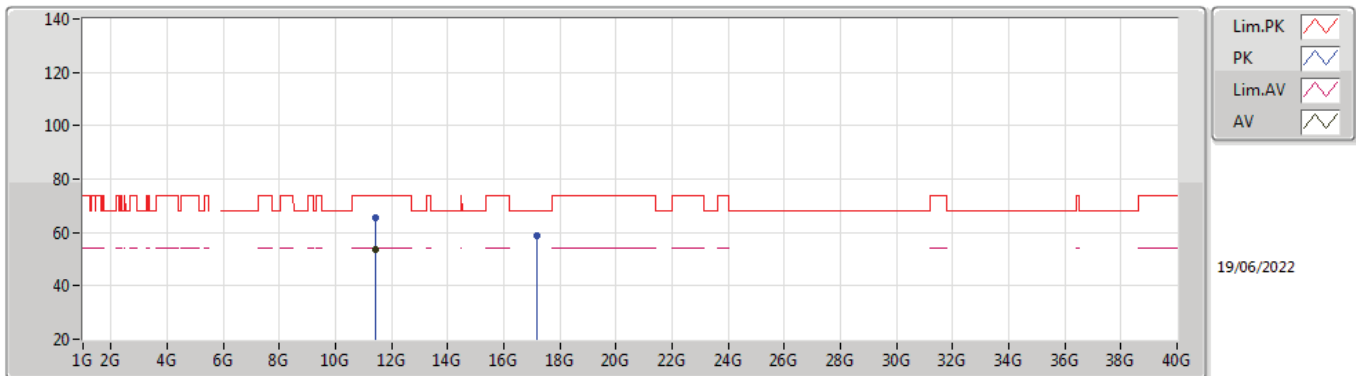


802.11a_Nss1,(6Mbps)_4TX
5720MHz Straddle 5.47-5.725GHz_TX



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	11.44156G	51.33	54.00	-2.67	13.54	3	Vertical	278	1.06	-	37.79	38.82	9.35	34.63
PK	11.44306G	62.50	74.00	-11.50	13.54	3	Vertical	278	1.06	-	48.96	38.81	9.35	34.62
PK	17.16344G	59.25	68.20	-8.95	16.93	3	Vertical	6	2.21	-	42.32	38.19	12.90	34.16

802.11a_Nss1,(6Mbps)_4TX
5720MHz Straddle 5.47-5.725GHz_TX

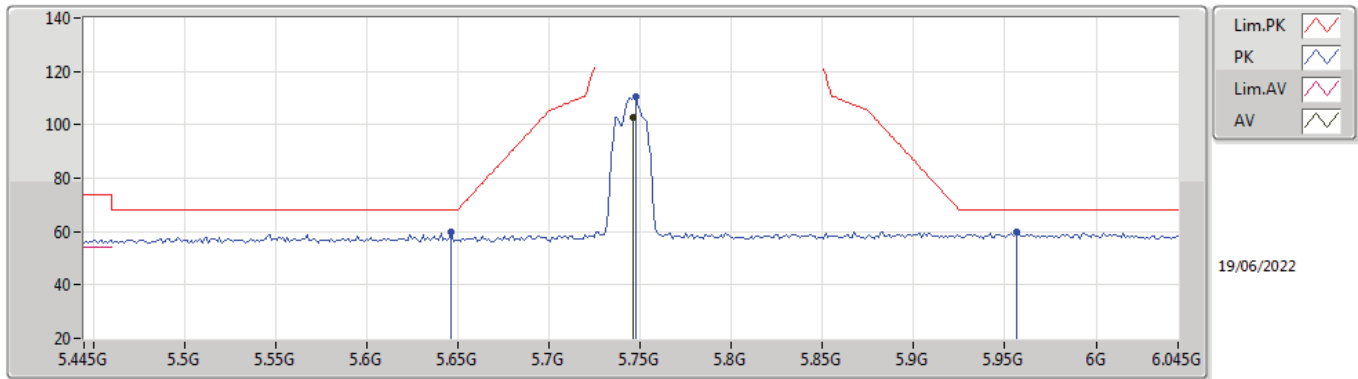


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.43706G	53.37	54.00	-0.63	13.54	3	Horizontal	240	1.47	-	39.83	38.83	9.34	34.63
PK	11.43826G	65.66	74.00	-8.34	13.53	3	Horizontal	240	1.47	-	52.13	38.82	9.34	34.63
PK	17.15858G	58.84	68.20	-9.36	16.93	3	Horizontal	191	2.53	-	41.91	38.18	12.90	34.15



802.11a_Nss1,(6Mbps)_4TX

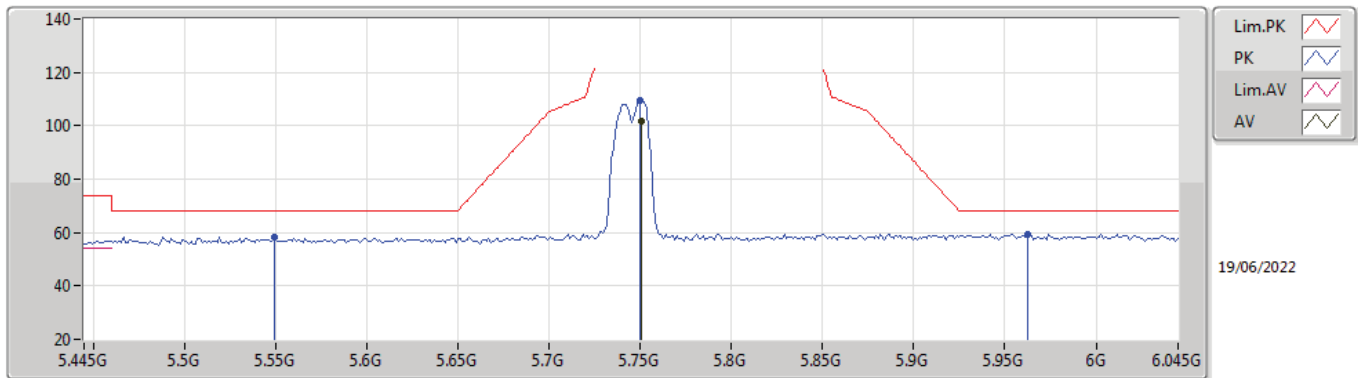
5745MHz_TX



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	5.7462G	102.83	Inf	-Inf	5.74	3	Vertical	69	1.69	-	97.09	33.58	6.93	34.77
PK	5.6466G	59.94	68.20	-8.26	5.20	3	Vertical	69	1.69	-	54.74	33.00	6.97	34.77
PK	5.7474G	110.42	Inf	-Inf	5.75	3	Vertical	69	1.69	-	104.67	33.59	6.93	34.77
PK	5.9562G	59.61	68.20	-8.59	7.12	3	Vertical	69	1.69	-	52.49	34.29	7.60	34.77

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

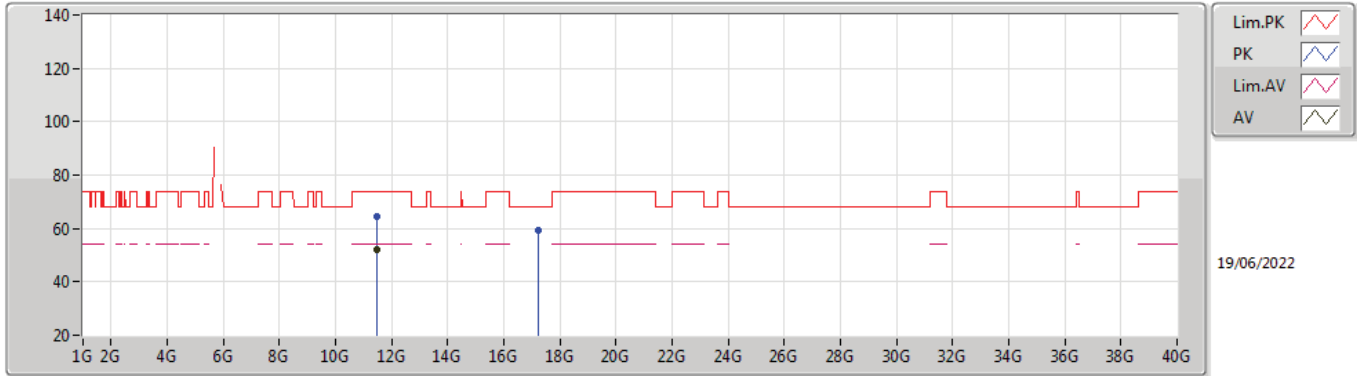


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.751G	101.65	Inf	-Inf	5.77	3	Horizontal	355	1.53	-	95.88	33.61	6.93	34.77
PK	5.5494G	58.28	68.20	-9.92	5.25	3	Horizontal	355	1.53	-	53.03	33.00	7.02	34.77
PK	5.7498G	109.71	Inf	-Inf	5.76	3	Horizontal	355	1.53	-	103.95	33.60	6.93	34.77
PK	5.9622G	59.28	68.20	-8.92	7.13	3	Horizontal	355	1.53	-	52.15	34.28	7.62	34.77



802.11a_Nss1,(6Mbps)_4TX

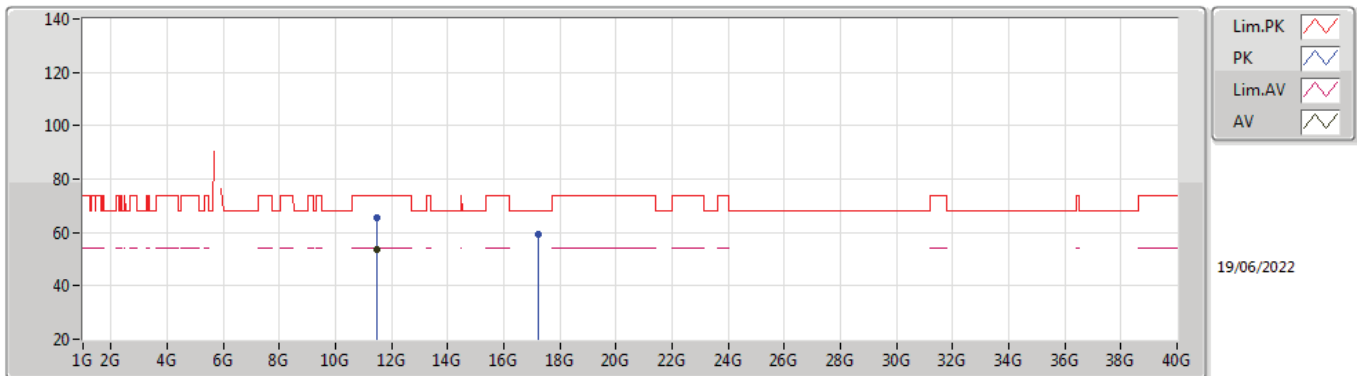
5745MHz_TX



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	11.49186G	52.23	54.00	-1.77	13.47	3	Vertical	280	1.39	-	38.76	38.72	9.36	34.61
PK	11.49108G	64.66	74.00	-9.34	13.47	3	Vertical	280	1.39	-	51.19	38.72	9.36	34.61
PK	17.23478G	59.19	68.20	-9.01	16.94	3	Vertical	131	1.43	-	42.25	38.27	12.92	34.25

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

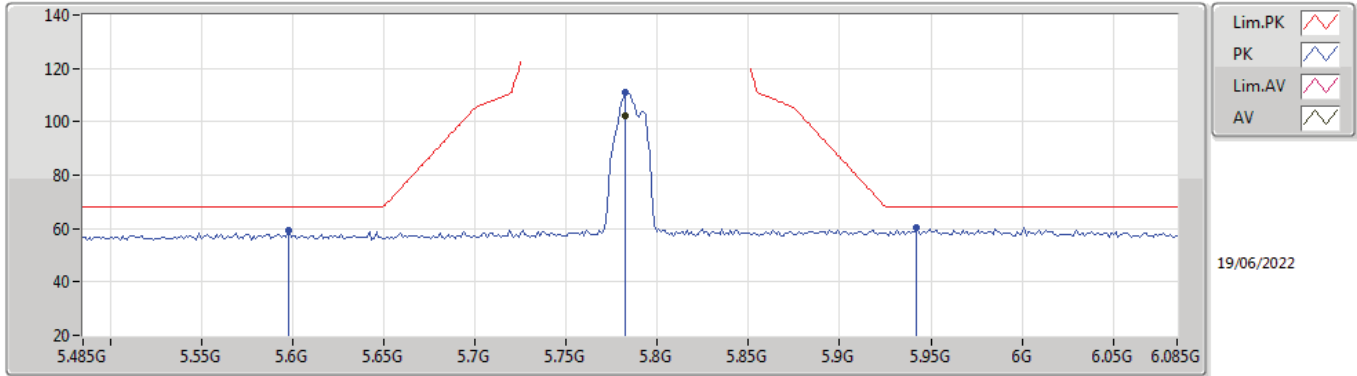


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.48982G	53.73	54.00	-0.27	13.47	3	Horizontal	246	1.57	-	40.26	38.72	9.36	34.61
PK	11.49G	65.52	74.00	-8.48	13.47	3	Horizontal	246	1.57	-	52.05	38.72	9.36	34.61
PK	17.23878G	59.30	68.20	-8.90	16.92	3	Horizontal	258	1.16	-	42.38	38.26	12.92	34.26



802.11a_Nss1,(6Mbps)_4TX

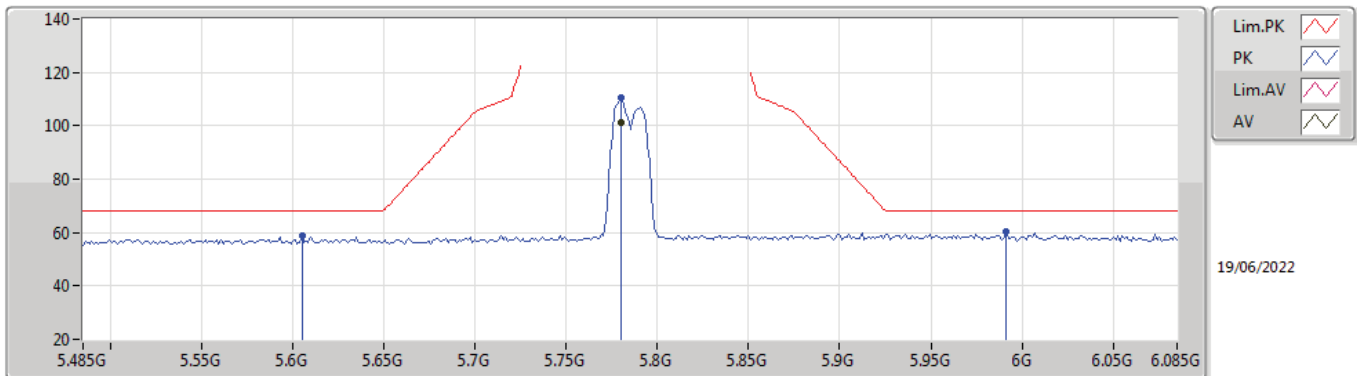
5785MHz_TX



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	102.41	Inf	-Inf	5.95	3	Vertical	75	1.42	-	96.46	33.80	6.92	34.77
PK	5.5978G	59.21	68.20	-8.99	5.22	3	Vertical	75	1.42	-	53.99	33.00	6.99	34.77
PK	5.7826G	110.99	Inf	-Inf	5.95	3	Vertical	75	1.42	-	105.04	33.80	6.92	34.77
PK	5.9422G	60.29	68.20	-7.91	7.07	3	Vertical	75	1.42	-	53.22	34.30	7.54	34.77

802.11a_Nss1,(6Mbps)_4TX

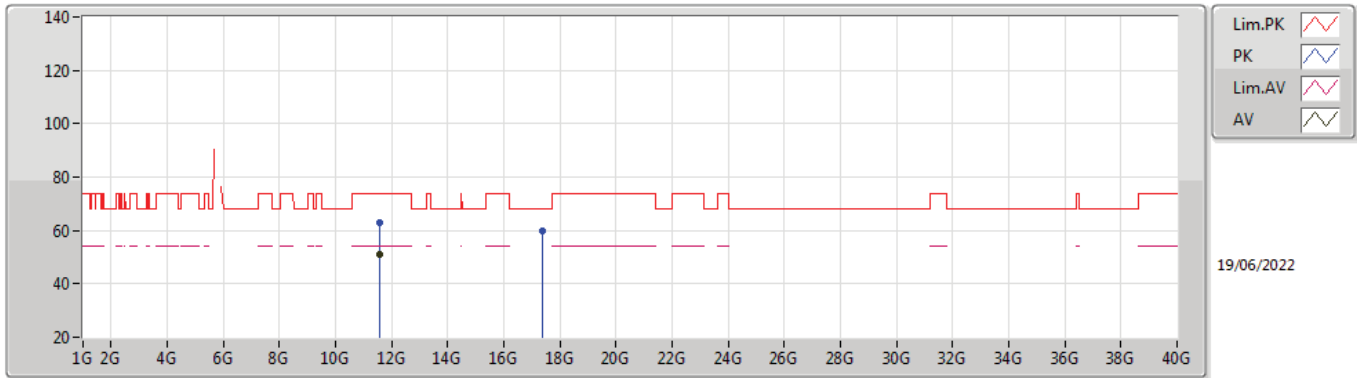
5785MHz_TX



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	5.7802G	101.27	Inf	-Inf	5.93	3	Horizontal	0	2.62	-	95.34	33.78	6.92	34.77
PK	5.605G	58.80	68.20	-9.40	5.22	3	Horizontal	0	2.62	-	53.58	33.00	6.99	34.77
PK	5.7802G	110.28	Inf	-Inf	5.93	3	Horizontal	0	2.62	-	104.35	33.78	6.92	34.77
PK	5.9914G	60.26	68.20	-7.94	7.20	3	Horizontal	0	2.62	-	53.06	34.22	7.75	34.77

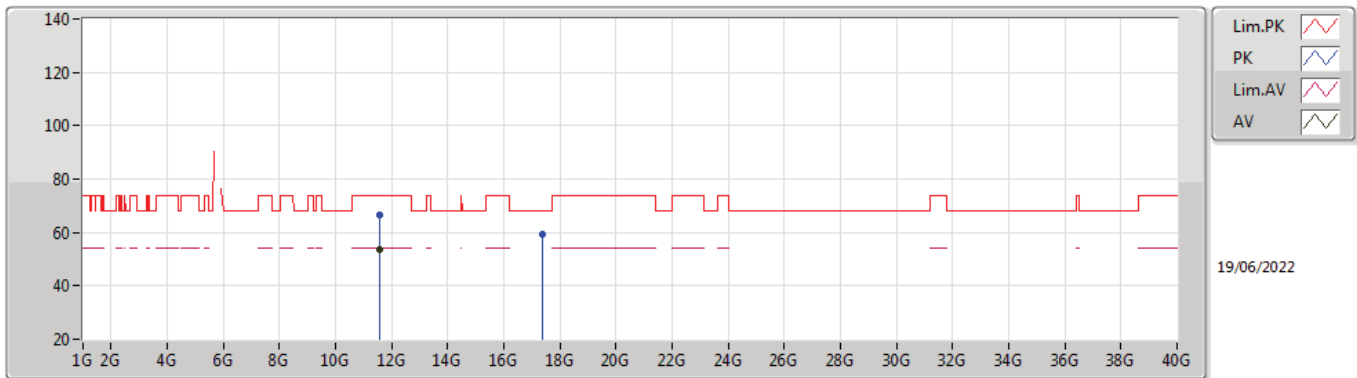


802.11a_Nss1,(6Mbps)_4TX
5785MHz_TX



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	11.57366G	50.93	54.00	-3.07	13.31	3	Vertical	282	1.42	-	37.62	38.55	9.39	34.63
PK	11.57126G	63.06	74.00	-10.94	13.32	3	Vertical	282	1.42	-	49.74	38.56	9.39	34.63
PK	17.35603G	59.97	68.20	-8.23	16.84	3	Vertical	236	1.70	-	43.13	38.31	12.95	34.42

802.11a_Nss1,(6Mbps)_4TX
5785MHz_TX

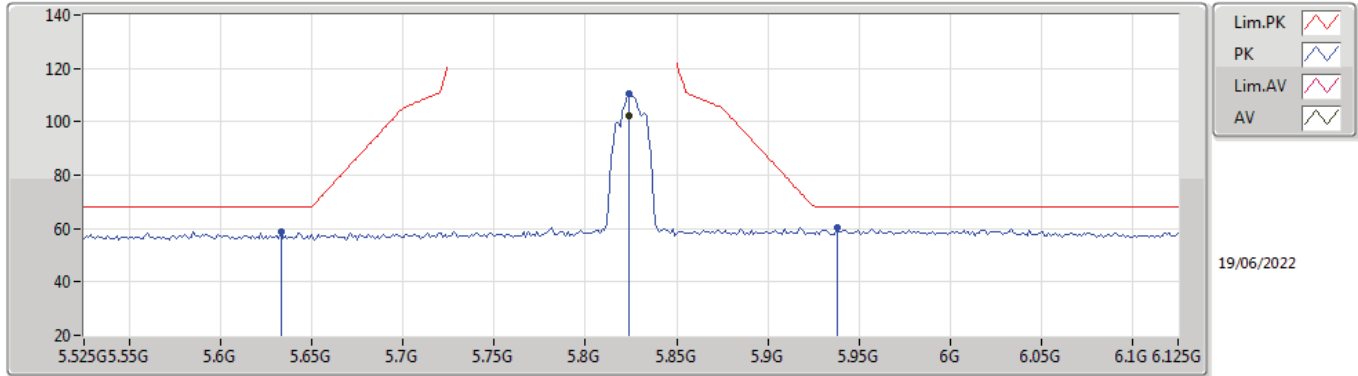


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.57042G	53.85	54.00	-0.15	13.32	3	Horizontal	245	1.43	-	40.53	38.56	9.39	34.63
PK	11.56988G	66.76	74.00	-7.24	13.32	3	Horizontal	245	1.43	-	53.44	38.56	9.39	34.63
PK	17.35457G	59.20	68.20	-9.00	16.84	3	Horizontal	263	1.96	-	42.36	38.31	12.95	34.42



802.11a_Nss1,(6Mbps)_4TX

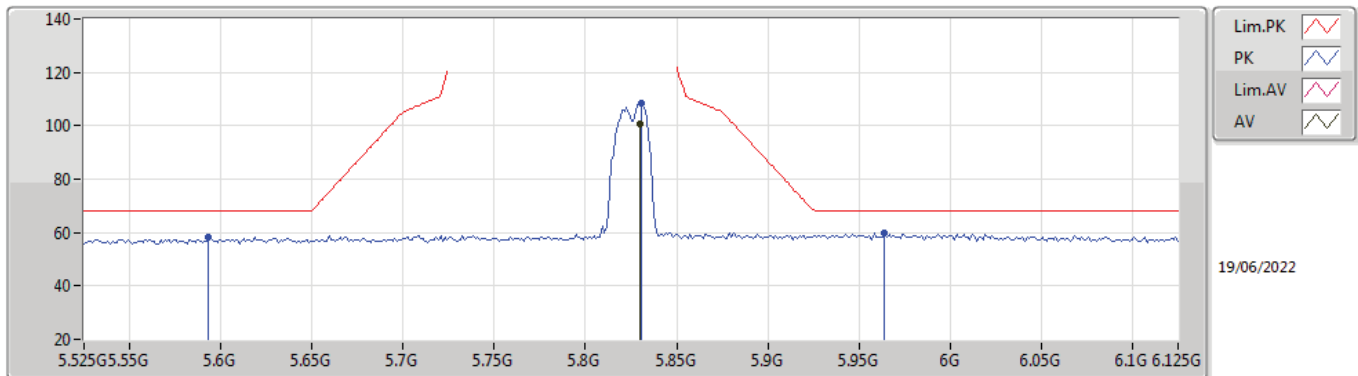
5825MHz_TX



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	5.8238G	102.06	Inf	-Inf	6.24	3	Vertical	70	1.50	-	95.82	34.00	7.01	34.77
PK	5.633G	59.05	68.20	-9.15	5.21	3	Vertical	70	1.50	-	53.84	33.00	6.98	34.77
PK	5.8238G	110.40	Inf	-Inf	6.24	3	Vertical	70	1.50	-	104.16	34.00	7.01	34.77
PK	5.9378G	60.50	68.20	-7.70	7.05	3	Vertical	70	1.50	-	53.45	34.30	7.52	34.77

802.11a_Nss1,(6Mbps)_4TX

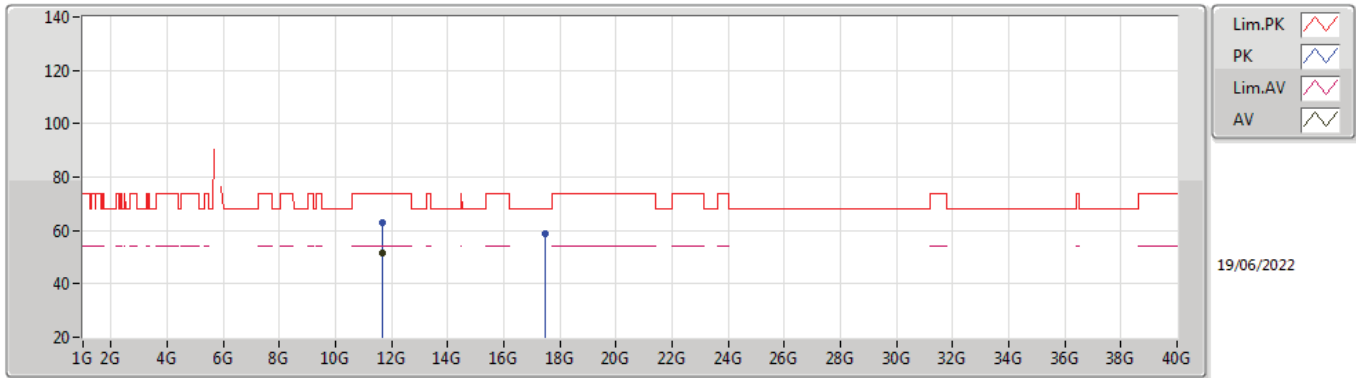
5825MHz_TX



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	5.8298G	100.48	Inf	-Inf	6.29	3	Horizontal	347	1.47	-	94.19	34.02	7.04	34.77
PK	5.5934G	58.08	68.20	-10.12	5.22	3	Horizontal	347	1.47	-	52.86	33.00	6.99	34.77
PK	5.831G	108.41	Inf	-Inf	6.30	3	Horizontal	347	1.47	-	102.11	34.02	7.05	34.77
PK	5.9642G	59.82	68.20	-8.38	7.13	3	Horizontal	347	1.47	-	52.69	34.27	7.63	34.77

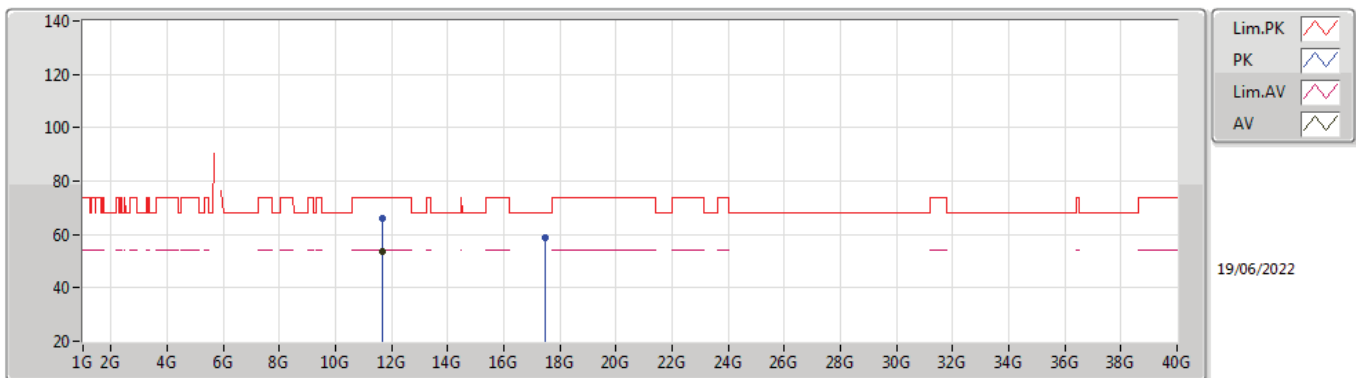


802.11a_Nss1,(6Mbps)_4TX
5825MHz_TX



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	11.6491G	51.35	54.00	-2.65	13.21	3	Vertical	274	1.33	-	38.14	38.45	9.41	34.65
PK	11.64838G	63.17	74.00	-10.83	13.21	3	Vertical	274	1.33	-	49.96	38.45	9.41	34.65
PK	17.4775G	58.92	68.20	-9.28	16.58	3	Vertical	204	2.74	-	42.34	38.17	12.99	34.58

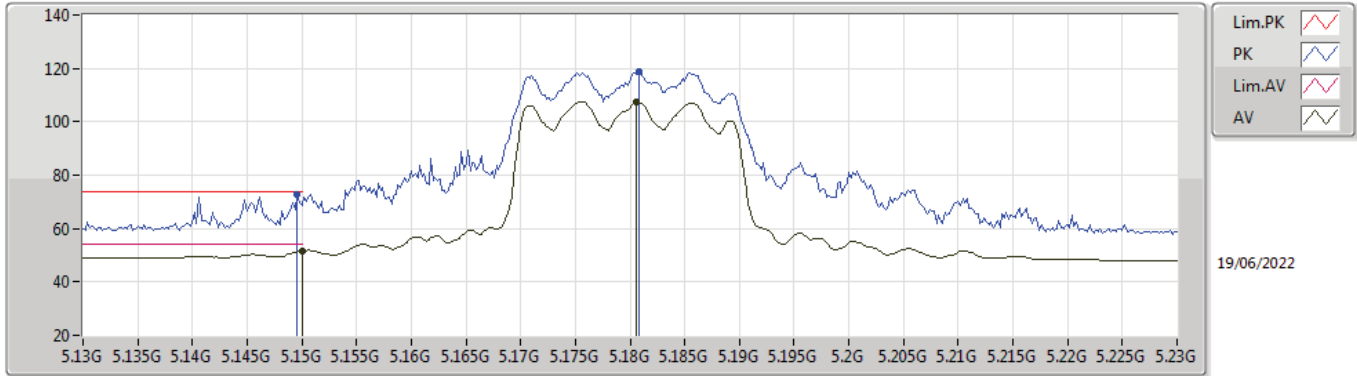
802.11a_Nss1,(6Mbps)_4TX
5825MHz_TX



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	11.65024G	53.87	54.00	-0.13	13.21	3	Horizontal	248	1.44	-	40.66	38.45	9.41	34.65
PK	11.65024G	65.92	74.00	-8.08	13.21	3	Horizontal	248	1.44	-	52.71	38.45	9.41	34.65
PK	17.47042G	58.74	68.20	-9.46	16.61	3	Horizontal	141	2.59	-	42.13	38.19	12.99	34.57

802.11ax HEW20_Nss1,(MCS0)_4TX

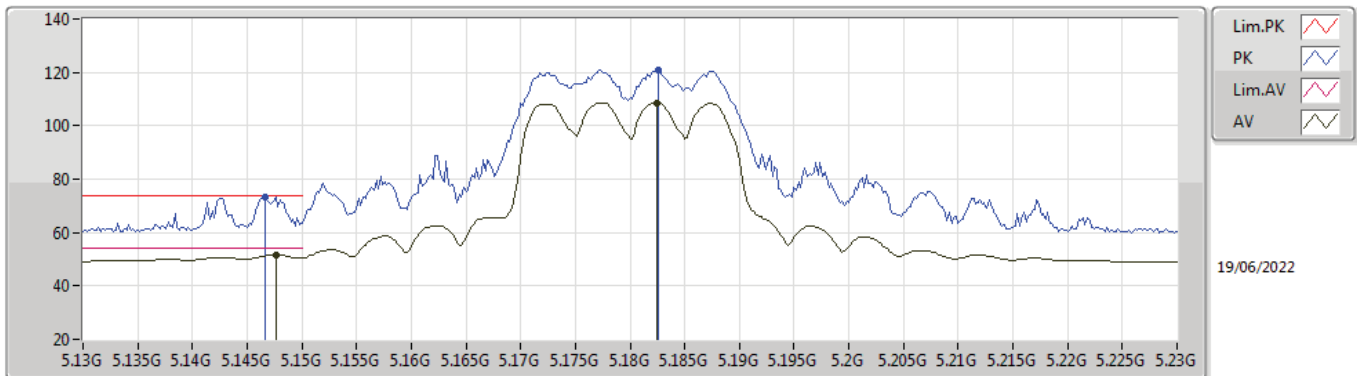
5180MHz_TX



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	5.15G	51.52	54.00	-2.48	5.21	3	Vertical	316.1	1.64	-	46.31	33.10	6.87	34.76
AV	5.1806G	107.35	Inf	-Inf	5.28	3	Vertical	316.1	1.64	-	102.07	33.16	6.88	34.76
PK	5.1496G	72.56	74.00	-1.44	5.21	3	Vertical	316.1	1.64	-	67.35	33.10	6.87	34.76
PK	5.1808G	118.73	Inf	-Inf	5.28	3	Vertical	316.1	1.64	-	113.45	33.16	6.88	34.76

802.11ax HEW20_Nss1,(MCS0)_4TX

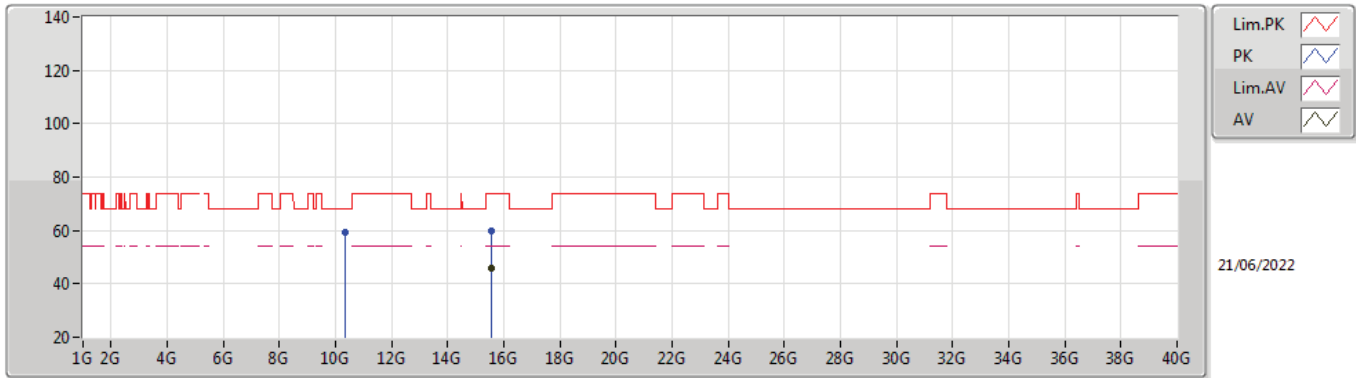
5180MHz_TX



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	5.1476G	51.70	54.00	-2.30	5.21	3	Horizontal	177	1.23	-	46.49	33.10	6.87	34.76
AV	5.1824G	108.60	Inf	-Inf	5.28	3	Horizontal	177	1.23	-	103.32	33.16	6.88	34.76
PK	5.1466G	73.52	74.00	-0.48	5.20	3	Horizontal	177	1.23	-	68.32	33.09	6.87	34.76
PK	5.1826G	120.84	Inf	-Inf	5.29	3	Horizontal	177	1.23	-	115.55	33.17	6.88	34.76

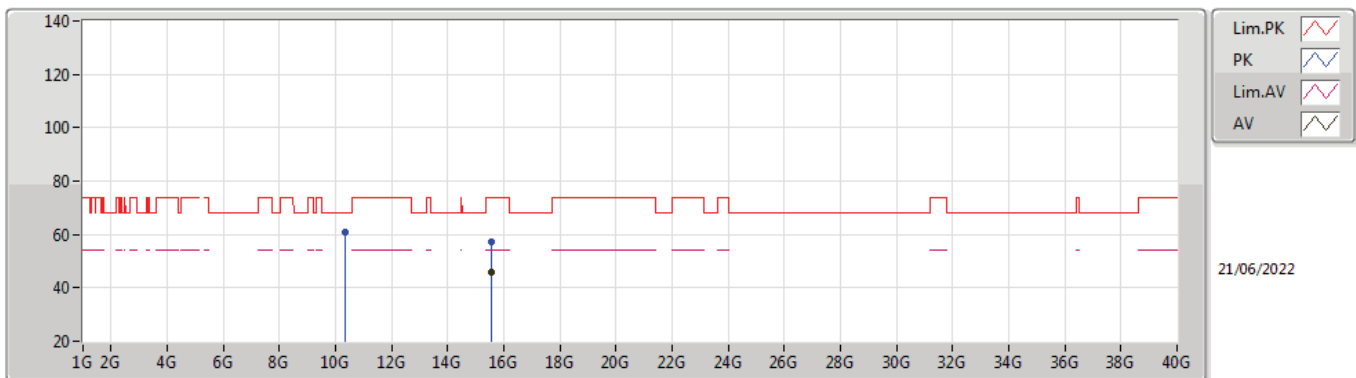


**802.11ax HEW20_Nss1,(MCS0)_4TX
5180MHz_TX**



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	15.54216G	46.09	54.00	-7.91	15.53	3	Vertical	87	1.24	-	30.56	38.35	12.10	34.92
PK	10.35436G	59.43	68.20	-8.77	12.55	3	Vertical	280	1.50	-	46.88	38.59	8.99	35.03
PK	15.53772G	59.68	74.00	-14.32	15.55	3	Vertical	87	1.24	-	44.13	38.37	12.10	34.92

**802.11ax HEW20_Nss1,(MCS0)_4TX
5180MHz_TX**

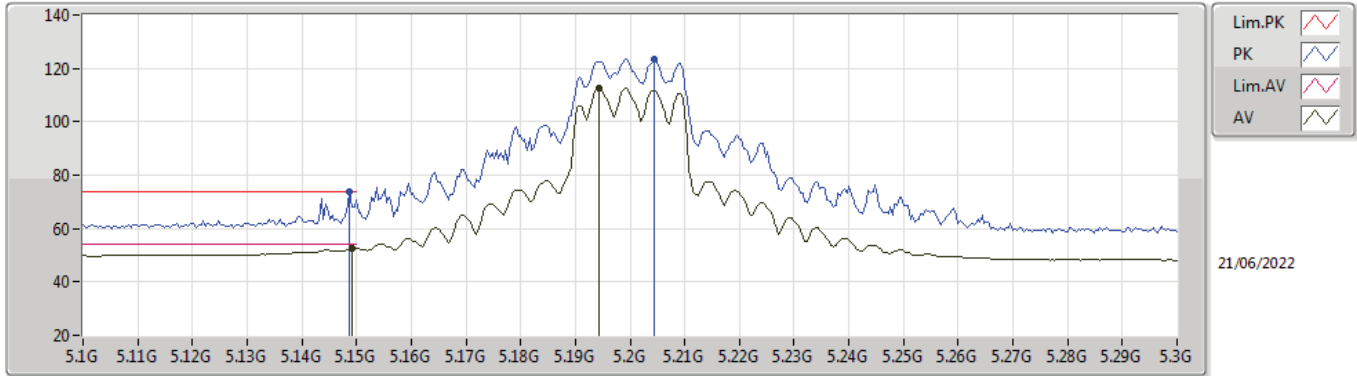


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.54534G	45.82	54.00	-8.18	15.51	3	Horizontal	170	1.11	-	30.31	38.33	12.11	34.93
PK	10.3594G	60.65	68.20	-7.55	12.54	3	Horizontal	294	1.50	-	48.11	38.58	8.99	35.03
PK	15.53904G	57.41	74.00	-16.59	15.55	3	Horizontal	170	1.11	-	41.86	38.37	12.10	34.92



802.11ax HEW20_Nss1,(MCS0)_4TX

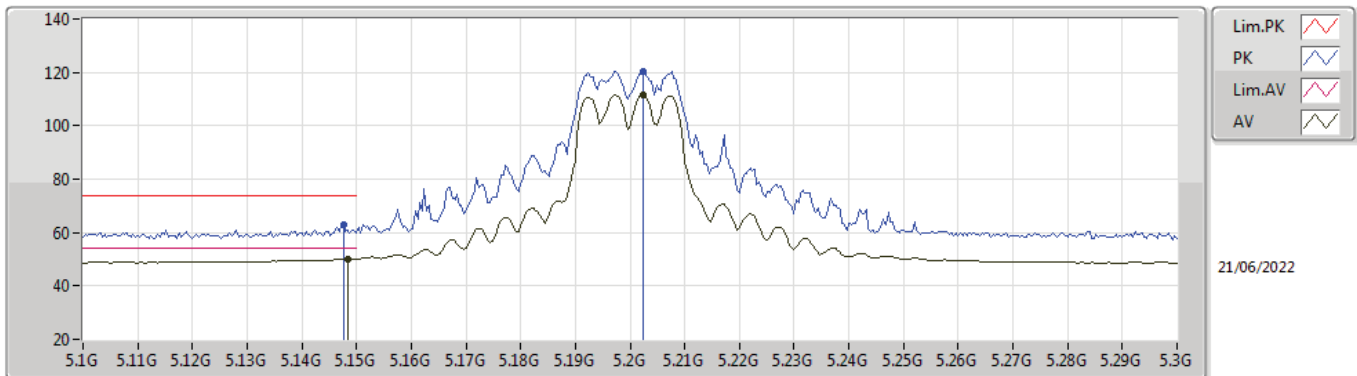
5200MHz_TX



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	52.84	54.00	-1.16	5.21	3	Vertical	272	2.78	-	47.63	33.10	6.87	34.76
AV	5.1944G	112.37	Inf	-Inf	5.32	3	Vertical	272	2.78	-	107.05	33.19	6.89	34.76
PK	5.1488G	73.63	74.00	-0.37	5.21	3	Vertical	272	2.78	-	68.42	33.10	6.87	34.76
PK	5.2044G	123.65	Inf	-Inf	5.33	3	Vertical	272	2.78	-	118.32	33.19	6.90	34.76

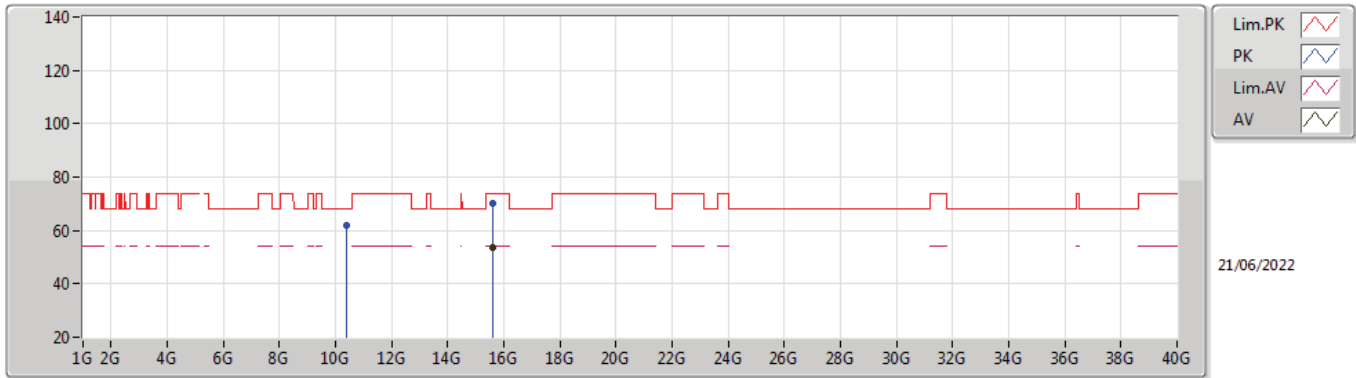
802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX



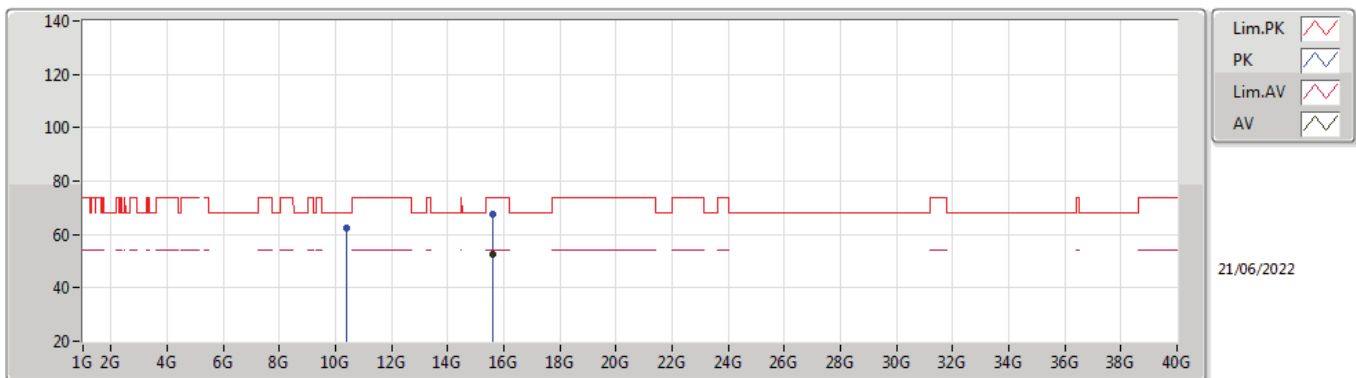
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1484G	50.11	54.00	-3.89	5.21	3	Horizontal	360	2.25	-	44.90	33.10	6.87	34.76
AV	5.2024G	111.36	Inf	-Inf	5.33	3	Horizontal	360	2.25	-	106.03	33.20	6.89	34.76
PK	5.1476G	62.95	74.00	-11.05	5.21	3	Horizontal	360	2.25	-	57.74	33.10	6.87	34.76
PK	5.2024G	120.51	Inf	-Inf	5.33	3	Horizontal	360	2.25	-	115.18	33.20	6.89	34.76

**802.11ax HEW20_Nss1,(MCS0)_4TX
5200MHz_TX**



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	15.59946G	53.81	54.00	-0.19	15.20	3	Vertical	81	1.29	-	38.61	38.00	12.16	34.96
PK	10.40394G	61.90	68.20	-6.30	12.51	3	Vertical	283	1.38	-	49.39	38.50	9.00	34.99
PK	15.59904G	70.12	74.00	-3.88	15.21	3	Vertical	81	1.29	-	54.91	38.01	12.16	34.96

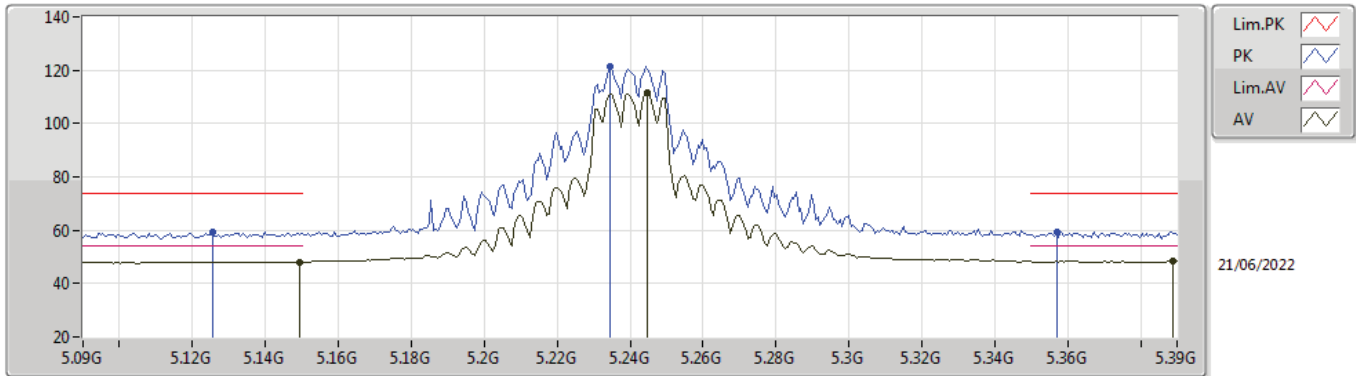
**802.11ax HEW20_Nss1,(MCS0)_4TX
5200MHz_TX**



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	15.60042G	52.46	54.00	-1.54	15.20	3	Horizontal	227	3.00	-	37.26	38.00	12.16	34.96
PK	10.40006G	62.18	68.20	-6.02	12.51	3	Horizontal	231	1.50	-	49.67	38.50	9.00	34.99
PK	15.6006G	67.83	74.00	-6.17	15.20	3	Horizontal	227	3.00	-	52.63	38.00	12.16	34.96

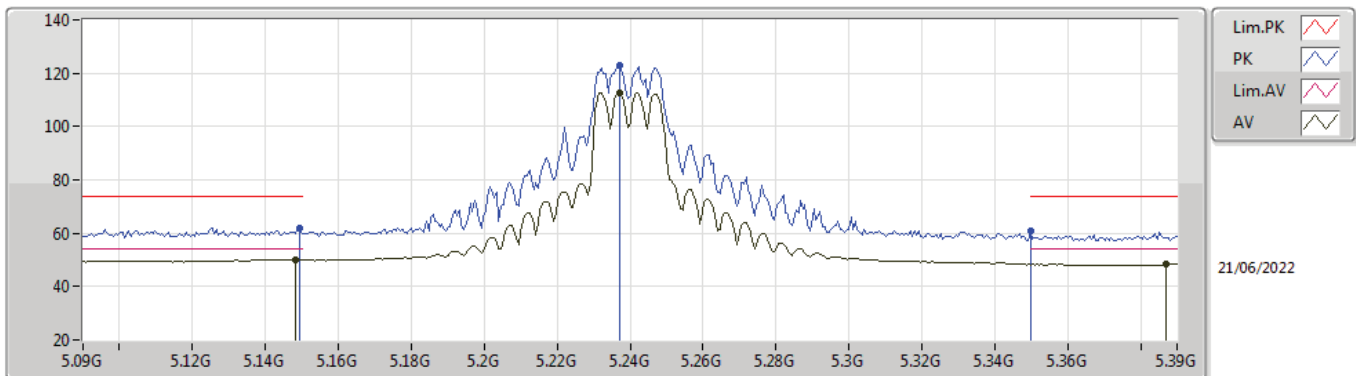


**802.11ax HEW20_Nss1,(MCS0)_4TX
5240MHz_TX**



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	5.1494G	48.14	54.00	-5.86	5.21	3	Vertical	82	1.66	-	42.93	33.10	6.87	34.76
AV	5.2448G	111.57	Inf	-Inf	5.29	3	Vertical	82	1.66	-	106.28	33.11	6.94	34.76
AV	5.3888G	48.33	54.00	-5.67	5.27	3	Vertical	82	1.66	-	43.06	32.93	7.11	34.77
PK	5.1254G	59.12	74.00	-14.88	5.15	3	Vertical	82	1.66	-	53.97	33.05	6.86	34.76
PK	5.2346G	121.32	Inf	-Inf	5.30	3	Vertical	82	1.66	-	116.02	33.13	6.93	34.76
PK	5.357G	59.54	74.00	-14.46	5.04	3	Vertical	82	1.66	-	54.50	32.74	7.07	34.77

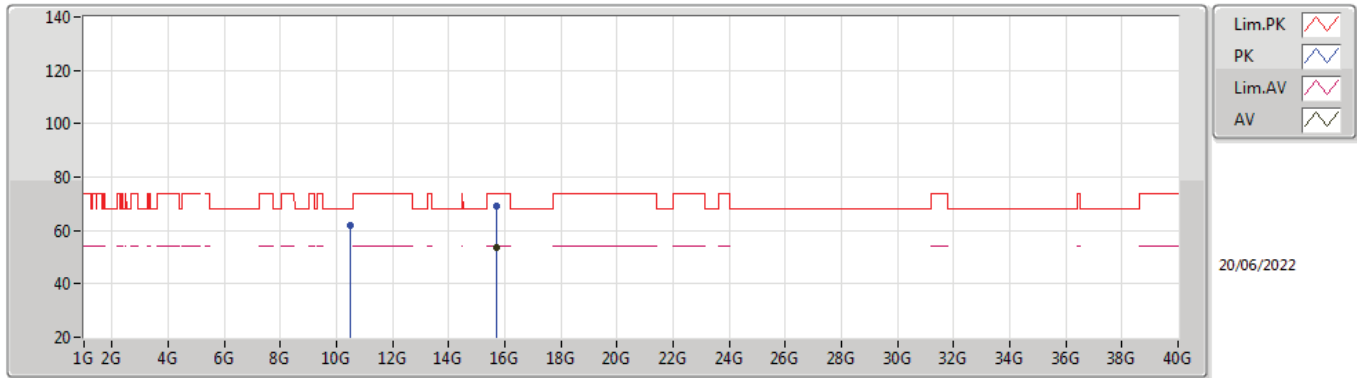
**802.11ax HEW20_Nss1,(MCS0)_4TX
5240MHz_TX**



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	5.1482G	50.13	54.00	-3.87	5.21	3	Horizontal	181	1.23	-	44.92	33.10	6.87	34.76
AV	5.237G	112.56	Inf	-Inf	5.30	3	Horizontal	181	1.23	-	107.26	33.13	6.93	34.76
AV	5.387G	48.36	54.00	-5.64	5.26	3	Horizontal	181	1.23	-	43.10	32.92	7.11	34.77
PK	5.1494G	62.12	74.00	-11.88	5.21	3	Horizontal	181	1.23	-	56.91	33.10	6.87	34.76
PK	5.237G	123.18	Inf	-Inf	5.30	3	Horizontal	181	1.23	-	117.88	33.13	6.93	34.76
PK	5.35G	60.70	74.00	-13.30	4.99	3	Horizontal	181	1.23	-	55.71	32.70	7.06	34.77

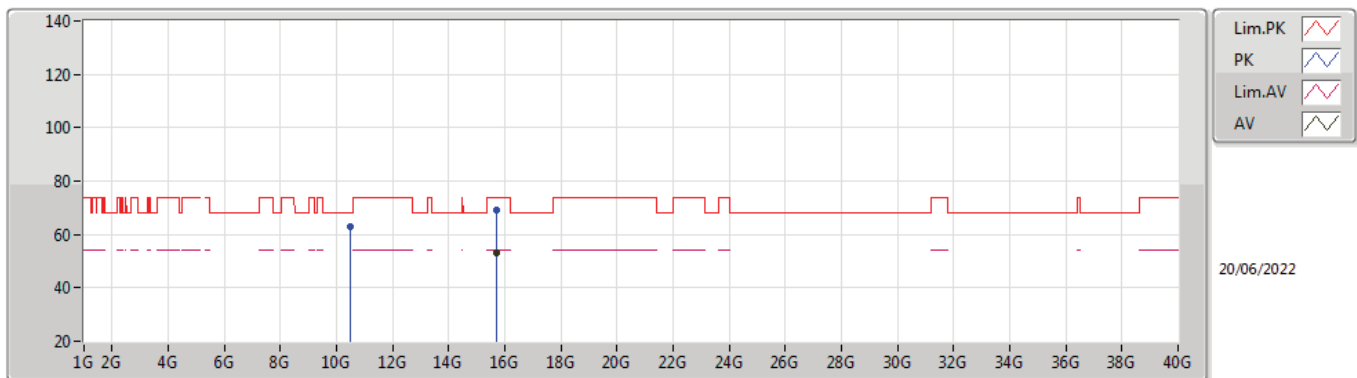


**802.11ax HEW20_Nss1,(MCS0)_4TX
5240MHz_TX**



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	15.71952G	53.66	54.00	-0.34	15.33	3	Vertical	76	1.71	-	38.33	38.08	12.28	35.03
PK	10.47576G	62.00	68.20	-6.20	12.69	3	Vertical	274	2.99	-	49.31	38.58	9.03	34.92
PK	15.7245G	69.37	74.00	-4.63	15.34	3	Vertical	76	1.71	-	54.03	38.08	12.29	35.03

**802.11ax HEW20_Nss1,(MCS0)_4TX
5240MHz_TX**

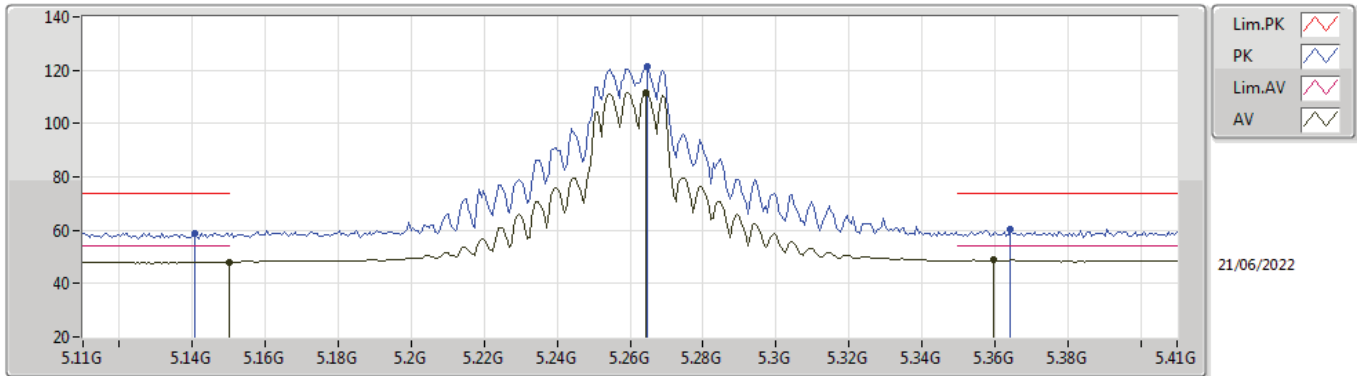


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.71736G	53.36	54.00	-0.64	15.33	3	Horizontal	208	3.00	-	38.03	38.08	12.28	35.03
PK	10.48164G	62.88	68.20	-5.32	12.69	3	Horizontal	287	1.50	-	50.19	38.58	9.03	34.92
PK	15.72244G	69.29	74.00	-4.71	15.33	3	Horizontal	208	3.00	-	53.96	38.08	12.28	35.03



802.11ax HEW20_Nss1,(MCS0)_4TX

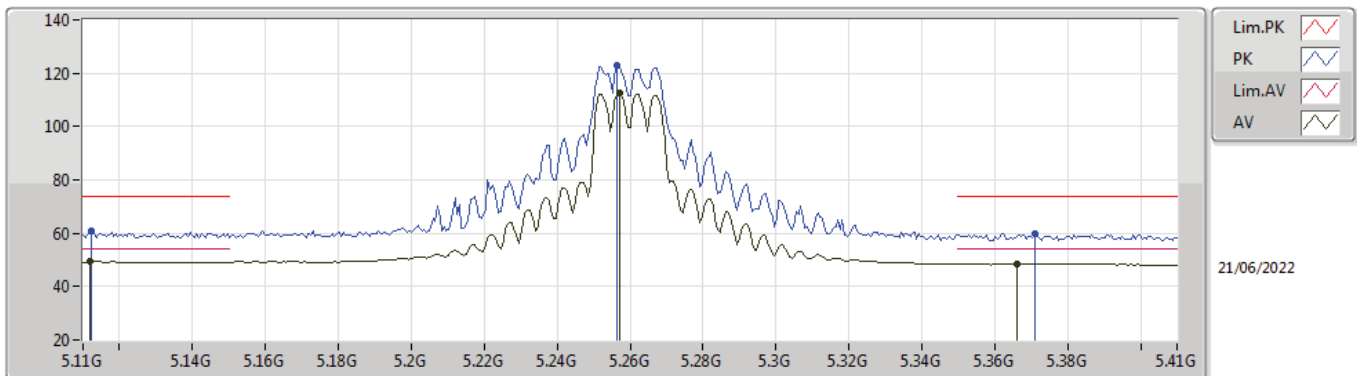
5260MHz_TX



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	5.15G	47.99	54.00	-6.01	5.21	3	Vertical	84	1.54	-	42.78	33.10	6.87	34.76
AV	5.2642G	111.50	Inf	-Inf	5.23	3	Vertical	84	1.54	-	106.27	33.04	6.96	34.77
AV	5.3596G	48.88	54.00	-5.12	5.06	3	Vertical	84	1.54	-	43.82	32.76	7.07	34.77
PK	5.1406G	58.96	74.00	-15.04	5.19	3	Vertical	84	1.54	-	53.77	33.08	6.87	34.76
PK	5.2648G	121.30	Inf	-Inf	5.23	3	Vertical	84	1.54	-	116.07	33.04	6.96	34.77
PK	5.3644G	60.33	74.00	-13.67	5.10	3	Vertical	84	1.54	-	55.23	32.79	7.08	34.77

802.11ax HEW20_Nss1,(MCS0)_4TX

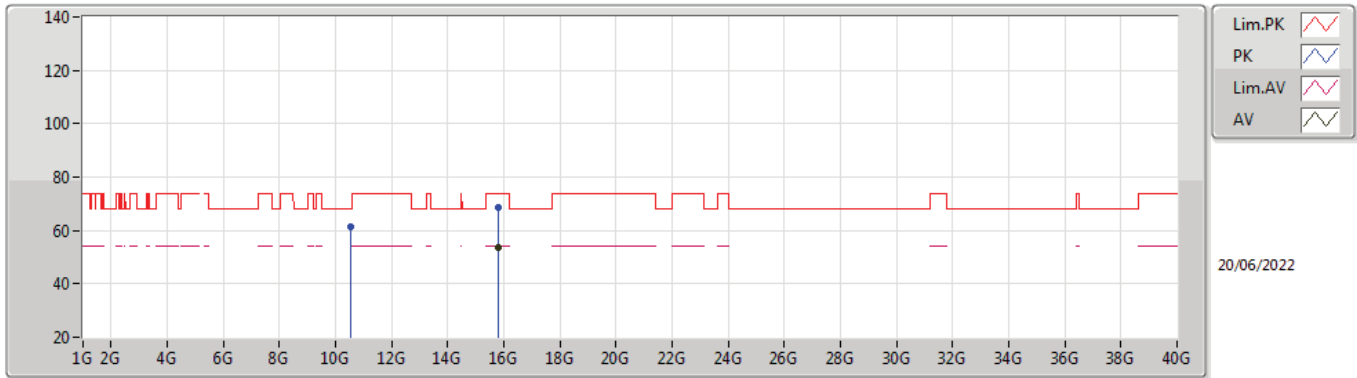
5260MHz_TX



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	5.1118G	49.47	54.00	-4.53	5.11	3	Horizontal	181	2.15	-	44.36	33.02	6.85	34.76
AV	5.257G	112.47	Inf	-Inf	5.26	3	Horizontal	181	2.15	-	107.21	33.07	6.96	34.77
AV	5.3662G	48.69	54.00	-5.31	5.11	3	Horizontal	181	2.15	-	43.58	32.80	7.08	34.77
PK	5.1124G	60.73	74.00	-13.27	5.11	3	Horizontal	181	2.15	-	55.62	33.02	6.85	34.76
PK	5.2564G	122.88	Inf	-Inf	5.25	3	Horizontal	181	2.15	-	117.63	33.07	6.95	34.77
PK	5.371G	60.04	74.00	-13.96	5.15	3	Horizontal	181	2.15	-	54.89	32.83	7.09	34.77

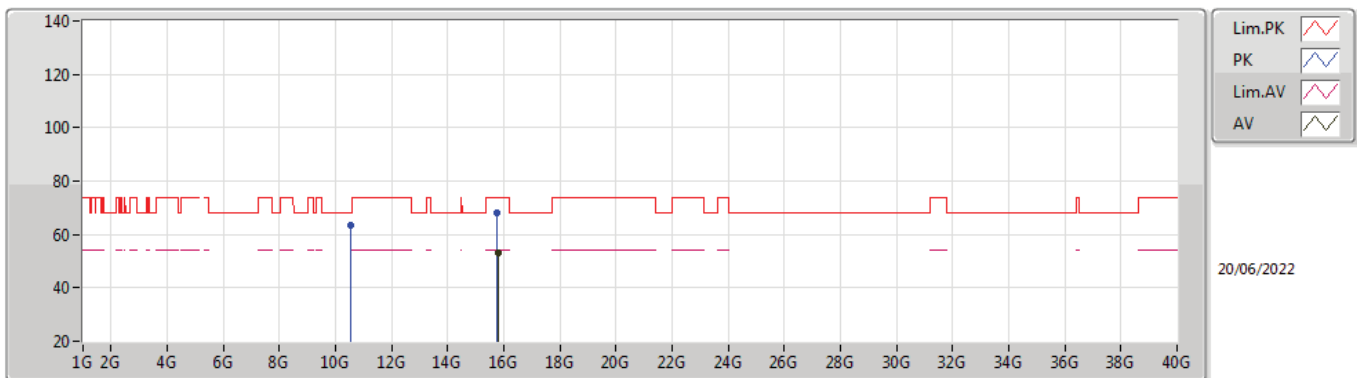


**802.11ax HEW20_Nss1,(MCS0)_4TX
5260MHz_TX**



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	15.77964G	53.40	54.00	-0.60	15.30	3	Vertical	77	1.29	-	38.10	38.02	12.34	35.06
PK	10.52068G	61.22	68.20	-6.98	12.81	3	Vertical	274	2.88	-	48.41	38.66	9.04	34.89
PK	15.7792G	68.80	74.00	-5.20	15.30	3	Vertical	77	1.29	-	53.50	38.02	12.34	35.06

**802.11ax HEW20_Nss1,(MCS0)_4TX
5260MHz_TX**

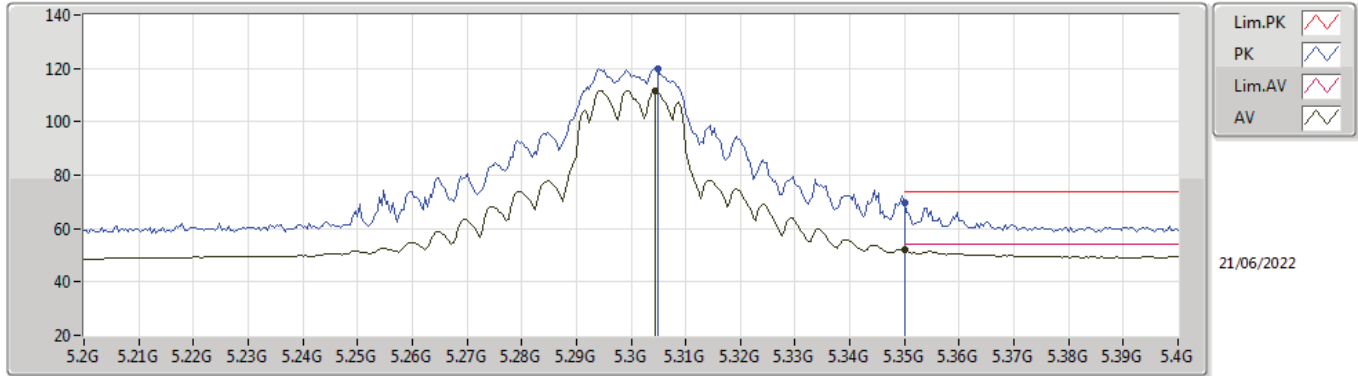


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.78036G	52.93	54.00	-1.07	15.30	3	Horizontal	299	2.80	-	37.63	38.02	12.34	35.06
PK	10.52132G	63.61	68.20	-4.59	12.81	3	Horizontal	286	1.50	-	50.80	38.66	9.04	34.89
PK	15.77044G	68.23	74.00	-5.77	15.30	3	Horizontal	299	2.80	-	52.93	38.03	12.33	35.06



802.11ax HEW20_Nss1,(MCS0)_4TX

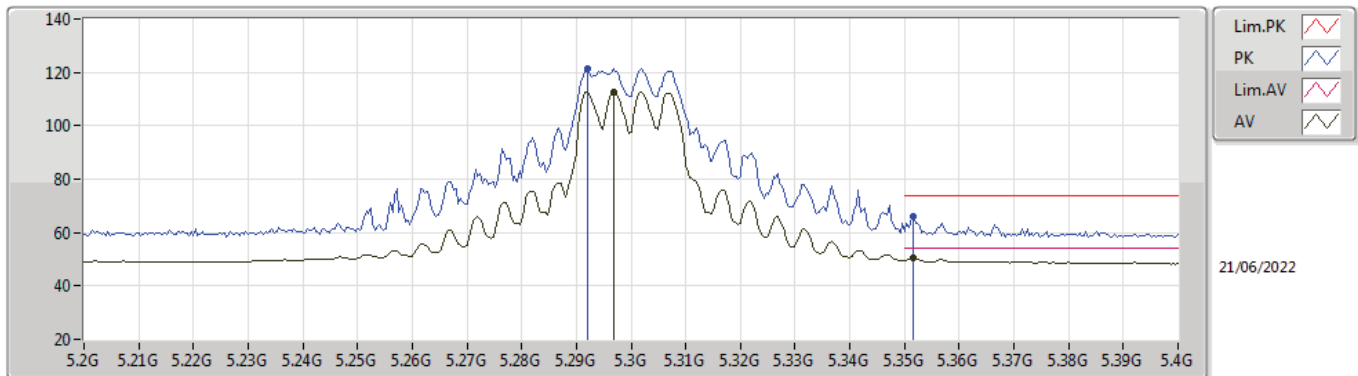
5300MHz_TX



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	5.3044G	111.78	Inf	-Inf	5.12	3	Vertical	82	1.50	-	106.66	32.88	7.01	34.77
AV	5.35G	52.00	54.00	-2.00	4.99	3	Vertical	82	1.50	-	47.01	32.70	7.06	34.77
PK	5.3048G	119.82	Inf	-Inf	5.12	3	Vertical	82	1.50	-	114.70	32.88	7.01	34.77
PK	5.35G	69.78	74.00	-4.22	4.99	3	Vertical	82	1.50	-	64.79	32.70	7.06	34.77

802.11ax HEW20_Nss1,(MCS0)_4TX

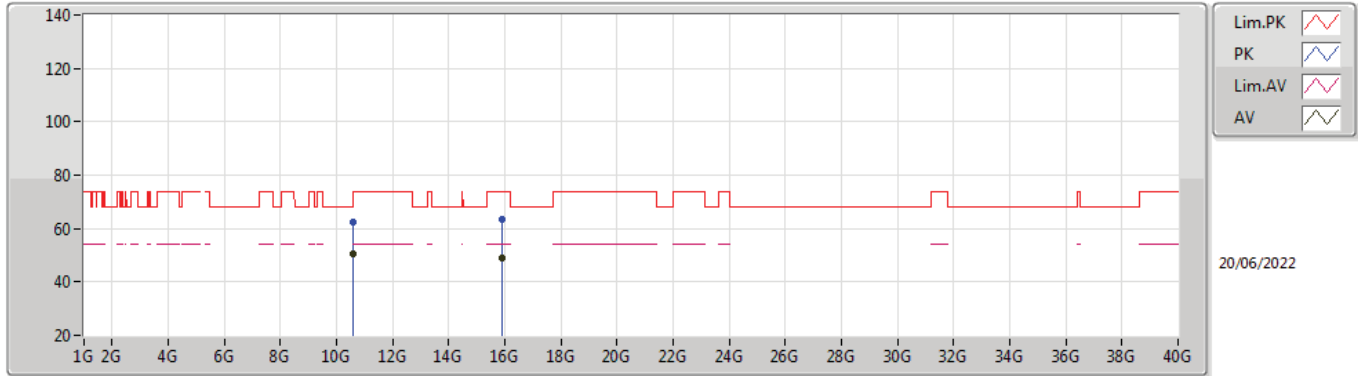
5300MHz_TX



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	5.2968G	112.59	Inf	-Inf	5.14	3	Horizontal	190	2.21	-	107.45	32.91	7.00	34.77
AV	5.3516G	50.49	54.00	-3.51	5.00	3	Horizontal	190	2.21	-	45.49	32.71	7.06	34.77
PK	5.292G	121.38	Inf	-Inf	5.16	3	Horizontal	190	2.21	-	116.22	32.93	7.00	34.77
PK	5.3516G	65.80	74.00	-8.20	5.00	3	Horizontal	190	2.21	-	60.80	32.71	7.06	34.77

802.11ax HEW20_Nss1,(MCS0)_4TX

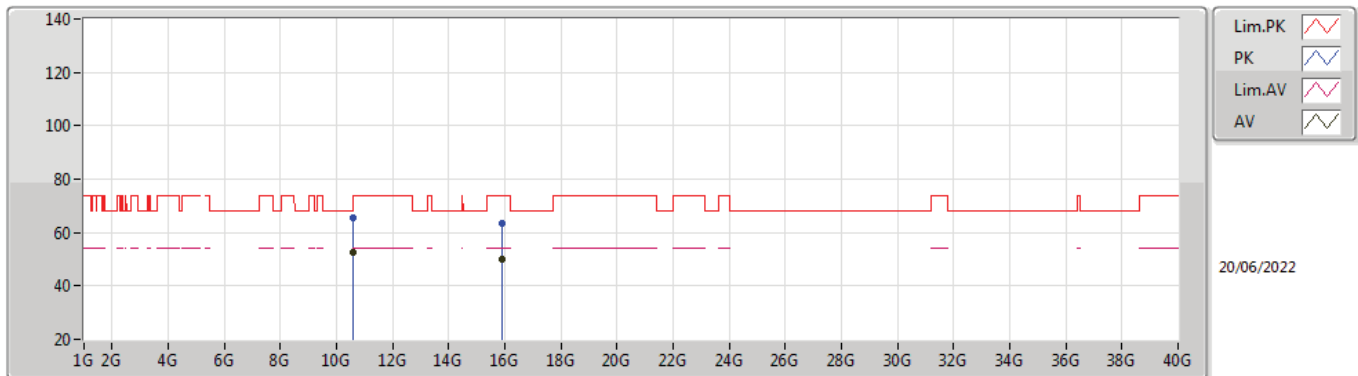
5300MHz_TX



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	10.60438G	50.63	54.00	-3.37	13.11	3	Vertical	291	3.00	-	37.52	38.91	9.07	34.87
AV	15.89934G	48.92	54.00	-5.08	14.93	3	Vertical	73	1.50	-	33.99	37.60	12.46	35.13
PK	10.60438G	62.49	74.00	-11.51	13.11	3	Vertical	291	3.00	-	49.38	38.91	9.07	34.87
PK	15.90468G	63.60	74.00	-10.40	14.94	3	Vertical	73	1.50	-	48.66	37.60	12.47	35.13

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TX

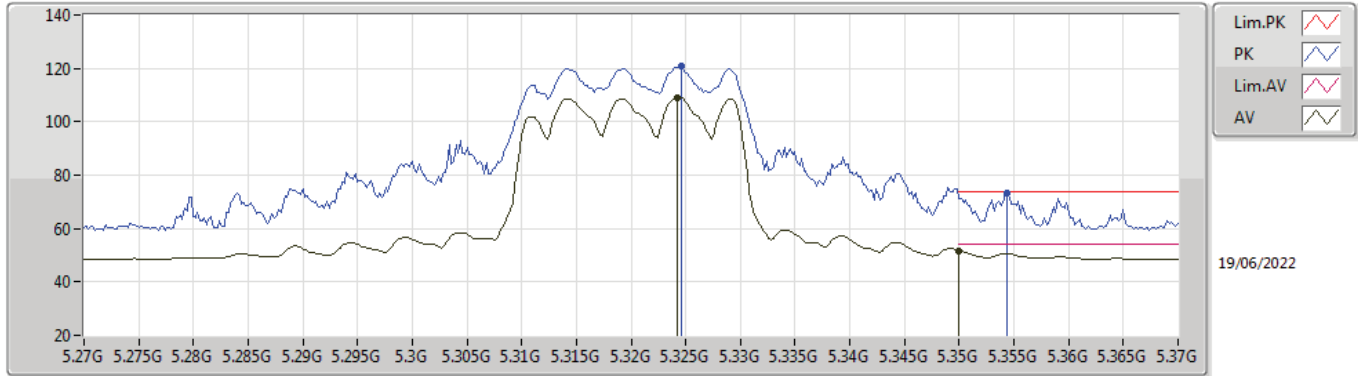


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.6024G	52.74	54.00	-1.26	13.10	3	Horizontal	217	2.41	-	39.64	38.90	9.07	34.87
AV	15.90072G	50.16	54.00	-3.84	14.93	3	Horizontal	312	1.75	-	35.23	37.60	12.46	35.13
PK	10.60264G	65.59	74.00	-8.41	13.11	3	Horizontal	217	2.41	-	52.48	38.91	9.07	34.87
PK	15.88542G	63.31	74.00	-10.69	14.99	3	Horizontal	312	1.75	-	48.32	37.66	12.45	35.12



802.11ax HEW20_Nss1,(MCS0)_4TX

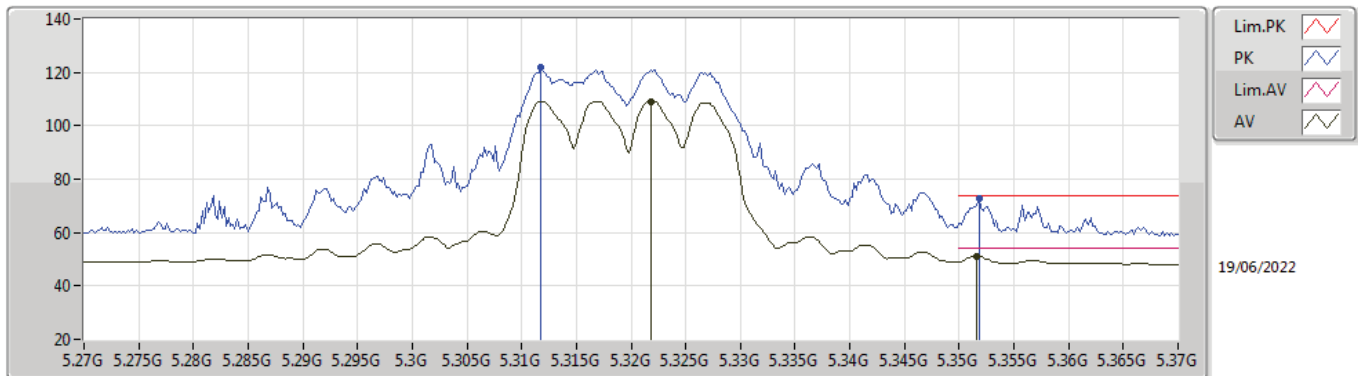
5320MHz_TX



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	5.3242G	108.94	Inf	-Inf	5.06	3	Vertical	76	1.60	-	103.88	32.80	7.03	34.77
AV	5.35G	51.79	54.00	-2.21	4.99	3	Vertical	76	1.60	-	46.80	32.70	7.06	34.77
PK	5.3246G	120.95	Inf	-Inf	5.06	3	Vertical	76	1.60	-	115.89	32.80	7.03	34.77
PK	5.3544G	73.37	74.00	-0.63	5.03	3	Vertical	76	1.60	-	68.34	32.73	7.07	34.77

802.11ax HEW20_Nss1,(MCS0)_4TX

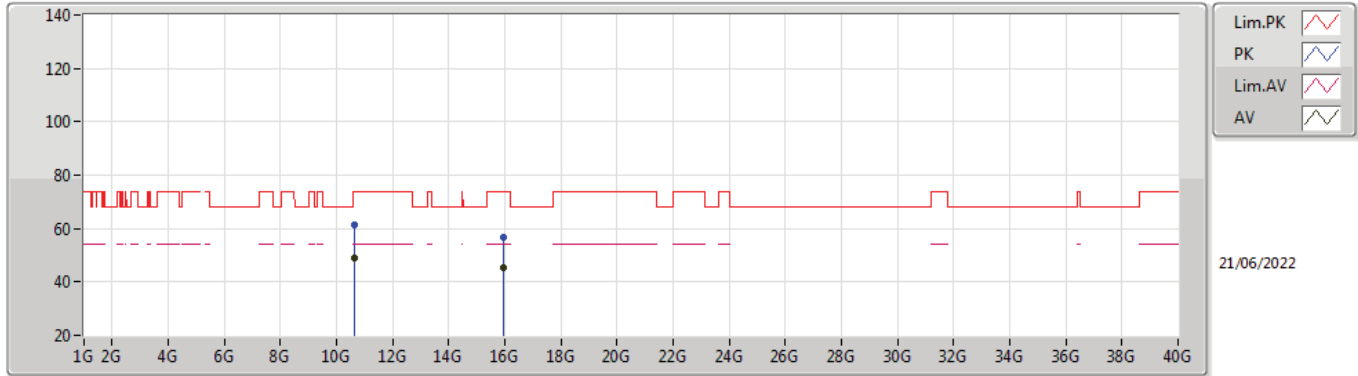
5320MHz_TX



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	5.3218G	109.19	Inf	-Inf	5.07	3	Horizontal	183	2.02	-	104.12	32.81	7.03	34.77
AV	5.3516G	51.05	54.00	-2.95	5.00	3	Horizontal	183	2.02	-	46.05	32.71	7.06	34.77
PK	5.3118G	121.72	Inf	-Inf	5.10	3	Horizontal	183	2.02	-	116.62	32.85	7.02	34.77
PK	5.3518G	72.91	74.00	-1.09	5.00	3	Horizontal	183	2.02	-	67.91	32.71	7.06	34.77

802.11ax HEW20_Nss1,(MCS0)_4TX

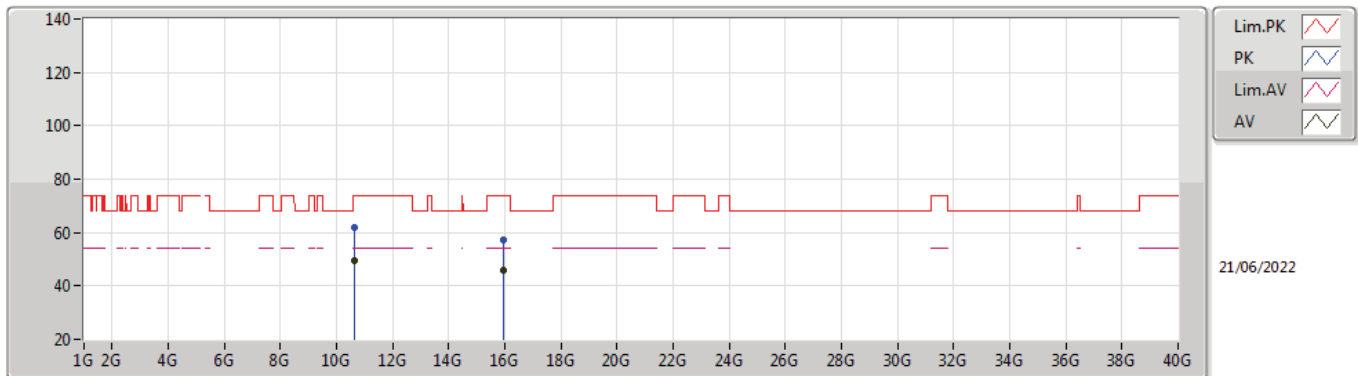
5320MHz_TX



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	10.6412G	48.75	54.00	-5.25	13.21	3	Vertical	276	3.00	-	35.54	38.98	9.08	34.85
AV	15.9678G	45.57	54.00	-8.43	14.96	3	Vertical	296	2.23	-	30.61	37.60	12.53	35.17
PK	10.6415G	61.59	74.00	-12.41	13.21	3	Vertical	276	3.00	-	48.38	38.98	9.08	34.85
PK	15.95094G	56.70	74.00	-17.30	14.95	3	Vertical	296	2.23	-	41.75	37.60	12.51	35.16

802.11ax HEW20_Nss1,(MCS0)_4TX

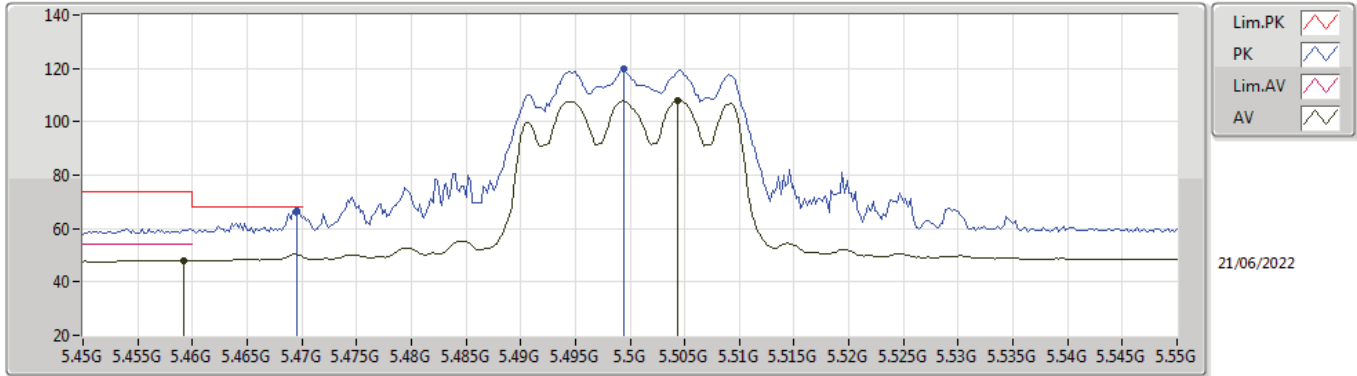
5320MHz_TX



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	10.64246G	49.43	54.00	-4.57	13.21	3	Horizontal	218	1.90	-	36.22	38.98	9.08	34.85
AV	15.96978G	45.63	54.00	-8.37	14.96	3	Horizontal	21	1.50	-	30.67	37.60	12.53	35.17
PK	10.6421G	62.13	74.00	-11.87	13.21	3	Horizontal	218	1.90	-	48.92	38.98	9.08	34.85
PK	15.95028G	57.49	74.00	-16.51	14.95	3	Horizontal	21	1.50	-	42.54	37.60	12.51	35.16

802.11ax HEW20_Nss1,(MCS0)_4TX

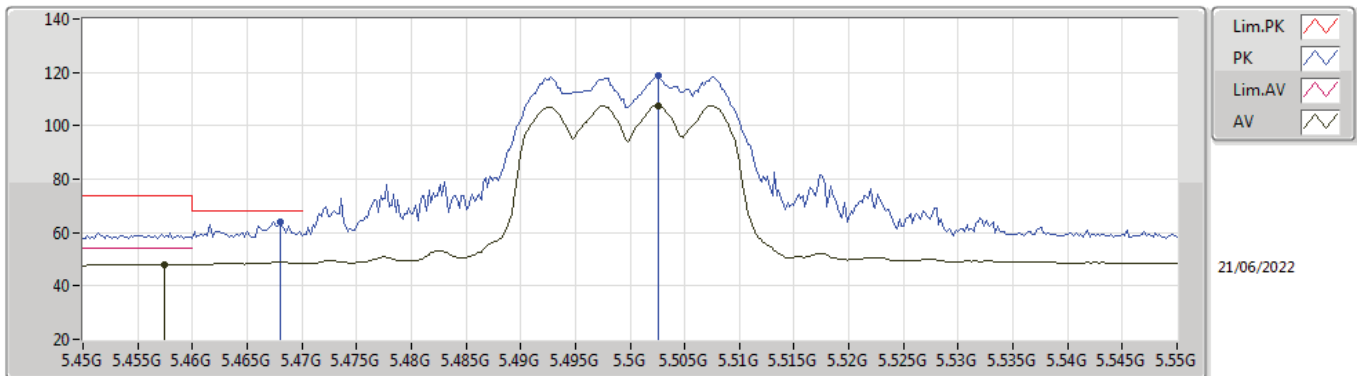
5500MHz_TX



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	5.4592G	48.15	54.00	-5.85	5.13	3	Vertical	80	1.49	-	43.02	32.82	7.08	34.77
AV	5.5044G	107.83	Inf	-Inf	5.19	3	Vertical	80	1.49	-	102.64	32.91	7.05	34.77
PK	5.4696G	66.44	68.20	-1.76	5.14	3	Vertical	80	1.49	-	61.30	32.84	7.07	34.77
PK	5.4994G	119.82	Inf	-Inf	5.19	3	Vertical	80	1.49	-	114.63	32.90	7.06	34.77

802.11ax HEW20_Nss1,(MCS0)_4TX

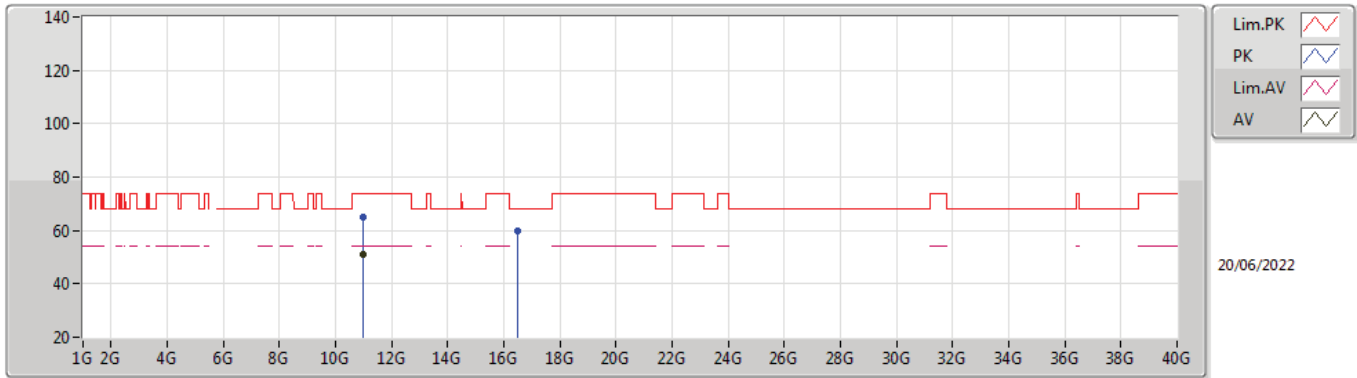
5500MHz_TX



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	5.4574G	48.18	54.00	-5.82	5.12	3	Horizontal	360	1.74	-	43.06	32.81	7.08	34.77
AV	5.5026G	107.52	Inf	-Inf	5.19	3	Horizontal	360	1.74	-	102.33	32.91	7.05	34.77
PK	5.468G	63.94	68.20	-4.26	5.15	3	Horizontal	360	1.74	-	58.79	32.84	7.08	34.77
PK	5.5026G	118.75	Inf	-Inf	5.19	3	Horizontal	360	1.74	-	113.56	32.91	7.05	34.77

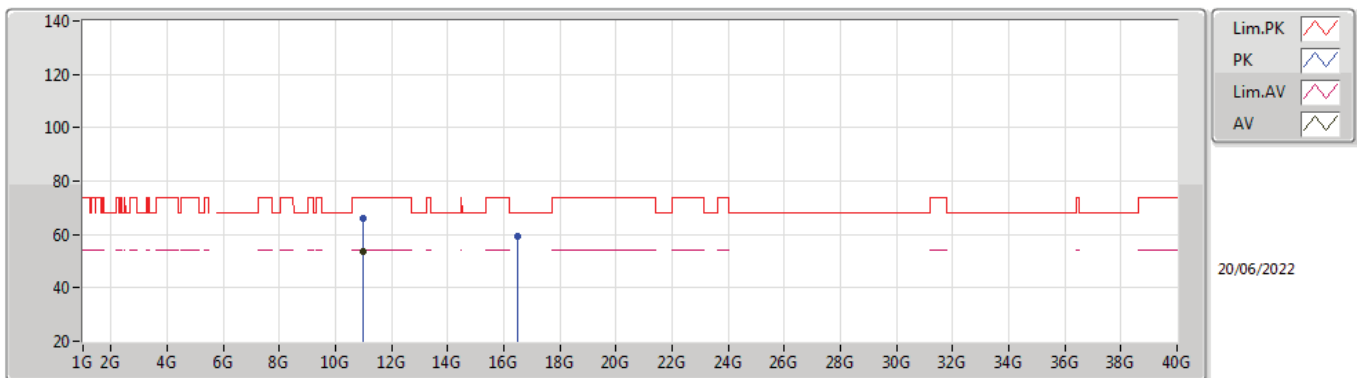


**802.11ax HEW20_Nss1,(MCS0)_4TX
5500MHz_TX**



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	10.99916G	51.29	54.00	-2.71	13.16	3	Vertical	282	1.08	-	38.13	38.70	9.20	34.74
PK	10.9992G	65.10	74.00	-8.90	13.16	3	Vertical	282	1.08	-	51.94	38.70	9.20	34.74
PK	16.49784G	59.63	68.20	-8.57	16.44	3	Vertical	250	2.08	-	43.19	38.68	12.70	34.94

**802.11ax HEW20_Nss1,(MCS0)_4TX
5500MHz_TX**

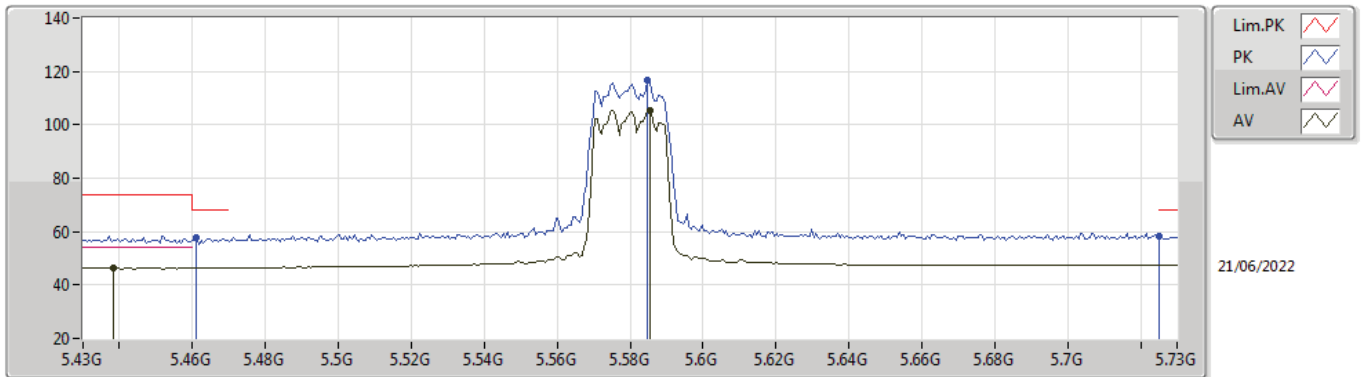


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.0024G	53.43	54.00	-0.57	13.16	3	Horizontal	218	2.40	-	40.27	38.70	9.20	34.74
PK	10.99724G	66.06	74.00	-7.94	13.17	3	Horizontal	218	2.40	-	52.89	38.71	9.20	34.74
PK	16.5G	59.35	68.20	-8.85	16.47	3	Horizontal	104	1.50	-	42.88	38.70	12.71	34.94



802.11ax HEW20_Nss1,(MCS0)_4TX

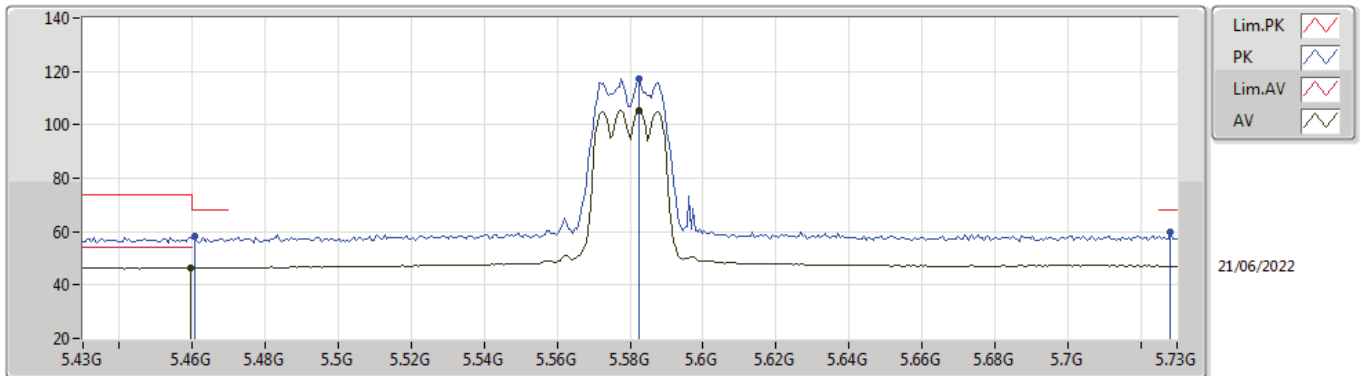
5580MHz_TX



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	5.4384G	46.29	54.00	-7.71	5.18	3	Vertical	76	2.76	-	41.11	32.85	7.10	34.77
AV	5.5854G	105.60	Inf	-Inf	5.23	3	Vertical	76	2.76	-	100.37	33.00	7.00	34.77
PK	5.4612G	57.70	68.20	-10.50	5.13	3	Vertical	76	2.76	-	52.57	32.82	7.08	34.77
PK	5.5848G	116.52	Inf	-Inf	5.23	3	Vertical	76	2.76	-	111.29	33.00	7.00	34.77
PK	5.7252G	58.17	68.20	-10.03	5.67	3	Vertical	76	2.76	-	52.50	33.50	6.94	34.77

802.11ax HEW20_Nss1,(MCS0)_4TX

5580MHz_TX



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	5.4594G	46.36	54.00	-7.64	5.13	3	Horizontal	4	1.51	-	41.23	32.82	7.08	34.77
AV	5.5824G	105.50	Inf	-Inf	5.23	3	Horizontal	4	1.51	-	100.27	33.00	7.00	34.77
PK	5.4606G	58.12	68.20	-10.08	5.13	3	Horizontal	4	1.51	-	52.99	32.82	7.08	34.77
PK	5.5824G	117.32	Inf	-Inf	5.23	3	Horizontal	4	1.51	-	112.09	33.00	7.00	34.77
PK	5.7282G	59.66	68.20	-8.54	5.68	3	Horizontal	4	1.51	-	53.98	33.51	6.94	34.77