Testing Laboratory
3787

RADIO TEST REPORT

FCC ID	:	WT8-DNWDSE641T
Equipment	:	2x2 WiFi 6 Router
Brand Name	:	datto
Model Name	:	DSE641TL, DSE641T
Applicant	:	Datto, Inc. 101 Merritt 7 Norwalk, Connecticut 06851, United States
Standard	:	47 CFR FCC Part 15.407

The product was received on Nov. 09, 2022, and testing was started from Nov. 09, 2022 and completed on May 03, 2023. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR330127AC	01	Initial issue of report	Dec. 06, 2023

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Output Power	PASS	-
3.4	15.407(a)	Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
Note: Reference to Sporton Project No.: 330127-01				

Conformity Assessment Condition:
1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account. 2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".
Disclaimer:
The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen
Report Producer: Cathy 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
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [9]
5250-5350	n (HT40), ac (VHT40), ax (HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [4]
5250-5350	ac (VHT80), ax (HEW80)	5290	58 [1]
5470-5725		5530-5690	106-138 [2]

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	2TX
5.25-5.35GHz	802.11n HT20	20	2TX
5.25-5.35GHz	802.11n HT20-BF	20	2TX
5.25-5.35GHz	802.11ac VHT20	20	2TX
5.25-5.35GHz	802.11ac VHT20-BF	20	2TX
5.25-5.35GHz	802.11ax HEW20	20	2TX
5.25-5.35GHz	802.11ax HEW20-BF	20	2TX
5.25-5.35GHz	802.11n HT40	40	2TX
5.25-5.35GHz	802.11n HT40-BF	40	2TX
5.25-5.35GHz	802.11ac VHT40	40	2TX
5.25-5.35GHz	802.11ac VHT40-BF	40	2TX
5.25-5.35GHz	802.11ax HEW40	40	2TX
5.25-5.35GHz	802.11ax HEW40-BF	40	2TX
5.25-5.35GHz	802.11ac VHT80	80	2TX
5.25-5.35GHz	802.11ac VHT80-BF	80	2TX
5.25-5.35GHz	802.11ax HEW80	80	2TX
5.25-5.35GHz	802.11ax HEW80-BF	80	2TX
5.47-5.725GHz	802.11a	20	2TX
5.47-5.725GHz	802.11n HT20	20	2TX
5.47-5.725GHz	802.11n HT20-BF	20	2TX
5.47-5.725GHz	802.11ac VHT20	20	2TX
5.47-5.725GHz	802.11ac VHT20-BF	20	2TX
5.47-5.725GHz	802.11ax HEW20	20	2TX
5.47-5.725GHz	802.11ax HEW20-BF	20	2TX
5.47-5.725GHz	802.11n HT40	40	2TX

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11n HT40-BF	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.47-5.725GHz	802.11ac VHT40-BF	40	2TX
5.47-5.725GHz	802.11ax HEW40	40	2TX
5.47-5.725GHz	802.11ax HEW40-BF	40	2TX
5.47-5.725GHz	802.11ac VHT80	80	2TX
5.47-5.725GHz	802.11ac VHT80-BF	80	2TX
5.47-5.725GHz	802.11ax HEW80	80	2TX
5.47-5.725GHz	802.11ax HEW80-BF	80	2TX

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

1.1.2 Antenna Information

For WWAN(For EUT 2):

Set	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	PSA	RFDPA161500SMMB805	Dipole Antenna	SMA	Note1
	2	PSA	RFDPA161500SMMB805	Dipole Antenna	SMA	
2	1/2	Ventev	M3030050O20006	Dipole Antenna	N-Female	
3	1/2	PTY	XPOL-2-5G-US	Patch Antenna	N-Female	

Note1:

Set	Port	Antenna Gain (dBi)												
		WCDMA Band 2	WCDMA Band 4	WCDMA Band 5	LTE Band 2	LTE Band 4	LTE Band 5	LTE Band 7	LTE Band 12	LTE Band 13	LTE Band 17	LTE Band 41	LTE Band 66	LTE Band 71
1	1	3.82	3.82	2.37	3.82	3.82	2.37	3.82	2.37	2.37	2.37	3.82	3.82	2.37
	2	4.66	4.66	2.81	4.66	4.66	2.81	4.66	2.81	2.81	2.81	4.66	4.66	2.81
2	1/2	5	5	3	5	5	3	5	3	3	3	5	5	3
3	1/2	10	10	9	10	10	9	10	9	9	9	10	10	9

Set	Cradlepoint to External Antenna Cable Loss (dB)												
	WCDMA Band 2	WCDMA Band 4	WCDMA Band 5	LTE Band 2	LTE Band 4	LTE Band 5	LTE Band 7	LTE Band 12	LTE Band 13	LTE Band 17	LTE Band 41	LTE Band 66	LTE Band 71
2	2.5												
3	2.5												

Set	Net Gain (dBi)												
	WCDMA Band 2	WCDMA Band 4	WCDMA Band 5	LTE Band 2	LTE Band 4	LTE Band 5	LTE Band 7	LTE Band 12	LTE Band 13	LTE Band 17	LTE Band 41	LTE Band 66	LTE Band 71
2	2.5	2.5	0.5	2.5	2.5	0.5	2.5	0.5	0.5	0.5	2.5	2.5	0.5
3	7.5	7.5	6.5	7.5	7.5	6.5	7.5	6.5	6.5	6.5	7.5	7.5	6.5

Note2: The above information was declared by manufacturer.

For WWAN function (1TX/2RX)

Both Port 1 and Port 2 could be used as receiving antennas.

Only Port 2 antenna can transmit RF signal.

For WLAN:

Set	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	PSA	RFDPA161500SBLB803	Dipole Antenna	Reversed-SMA	Note1
	2	PSA	RFDPA161500SBLB803	Dipole Antenna	Reversed-SMA	

Note1
For EUT 1:

Set	Port	Gain (dBi)	
		2.4GHz	5GHz
1	1	4.33	5.02
	2	5.20	4.95

For EUT 2:

Set	Port	Gain (dBi)		RF Flexible Low Loss Coaxial Cable Loss (dB)				Net Gain (dBi)			
		2.4GHz	5GHz	2.4GHz	5GHz			2.4GHz	5GHz		
					UNII 1~2A	UNII 2C	UNII 3		UNII 1~2A	UNII 2C	UNII 3
1	1	4.33	5.02	0.94	1.52	1.41	1.25	3.39	3.50	3.61	3.77
	2	5.20	4.95					4.26	3.43	3.54	3.70

Note2: The above information was declared by manufacturer.
Note3: Directional gain information

Type	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$
BF	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

Ex.

Directional Gain (NSS1) formula : $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

NSS1(g1,1) = $10^{G1/20}$; NSS1(g1,2)= $10^{G2/20}$;

$g_{j,k}$ =(Nss1(g1,1) + Nss1(g1,2))^2

DG = 10 log[(Nss1(g1,1) + Nss1(g1,2))^2 / N_{ANT}] => 10 log[($10^{G1/20}$ + $10^{G2/20}$)^2 / N_{ANT}]

Where ;

EUT 1

2.4G G1= 4.33 dBi ; G2= 5.2 dBi ; Nss1 DG= 7.79dBi ; Nss2 DG=4.79 dBi

5G G1= 5.02 dBi ; G2= 4.95 dBi ;Nss1 DG= 8dBi ; Nss2 DG=4.99 dBi

EUT 2

2.4G G1= 3.39 dBi ; G2= 4.26 dBi ;Nss1 DG= 6.85dBi ; Nss2 DG=3.85dBi

5G UNII-1 G1= 3.5 dBi ; G2= 3.43 dBi ;Nss1 DG= 6.48dBi ; Nss2 DG=3.47dBi

5G UNII-2A G1= 3.5 dBi ; G2= 3.43 dBi ;Nss1 DG= 6.48dBi ; Nss2 DG=3.47dBi

5G UNII-2C G1= 3.61 dBi ; G2= 3.54 dBi ;Nss1 DG= 6.59dBi ; Nss2 DG=3.58 dBi

5G UNII-3 G1= 3.77 dBi ; G2= 3.7 dBi ;Nss1 DG= 6.75dBi ; Nss2 DG=3.74 dBi

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax mode (2TX/2RX)

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11a/n/ac/ax mode (2TX/2RX)

Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

For EUT 1:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)	0.921	0.36	1.566m	1k
802.11ax HEW20_Nss1,(MCS0)	0.929	0.32	5.23m	300
802.11ax HEW20-BF_Nss1,(MCS0)	0.921	0.36	1.774ms	1k
802.11ax HEW40_Nss1,(MCS0)	0.941	0.26	5.23m	300
802.11ax HEW40-BF_Nss1,(MCS0)	0.923	0.35	1.765ms	1k
802.11ax HEW80_Nss1,(MCS0)	0.955	0.2	5.228m	300
802.11ax HEW80-BF_Nss1,(MCS0)	0.928	0.32	1.69ms	1k
802.11ax HEW20_Nss2,(MCS0)	0.96	0.18	5.238m	300
802.11ax HEW40_Nss2,(MCS0)	0.947	0.24	5.235m	300
802.11ax HEW80_Nss2,(MCS0)	0.95	0.22	5.238m	300

For EUT 2:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)	0.933	0.3	1.565m	1k
802.11ax HEW20_Nss1,(MCS0)	0.961	0.17	5.228m	300
802.11ax HEW20-BF_Nss1,(MCS0)	0.882	0.55	1.764m	1k
802.11ax HEW40_Nss1,(MCS0)	0.957	0.19	5.228m	300
802.11ax HEW40-BF_Nss1,(MCS0)	0.931	0.31	1.764m	1k
802.11ax HEW80_Nss1,(MCS0)	0.944	0.25	5.23m	300
802.11ax HEW80-BF_Nss1,(MCS0)	0.905	0.43	1.688m	1k
802.11ax HEW20_Nss2,(MCS0)	0.941	0.26	5.238m	300
802.11ax HEW40_Nss2,(MCS0)	0.947	0.24	5.235m	300
802.11ax HEW80_Nss2,(MCS0)	0.938	0.28	5.238m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 11n/VHT/ax in 2.4GHz and 11n/ac/ax in 5GHz.			
Weather Band	☐	With 5600~5650MHz	☒	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
TPC Function	☒	With TPC	☐	Without TPC
Channel Puncturing Function	☐	Supported	☒	Unsupported
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	For non-beamforming mode: QRCT Version 4.0.00189.0 For beamforming mode: DOS [ver 6.1.7601]、LanTest			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

Model Name	Description
DSE641TL	With LTE module
DSE641T	Without LTE module

Note 1: From the above models, model: DSE641TL was selected as representative model for the test and its data was recorded in this report.
Note 2: The above information was declared by manufacturer.

1.1.6 Table for EUT supports function

Function	Supports Band
AP Router	2.4GHz, 5GHz UNII 1~3, WWAN
Mesh	2.4GHz, 5GHz UNII 1, 3, WWAN

Note1: For above table list, only AP Router mode was tested and recorded in this test.
Note2: The above information was declared by manufacturer.

1.1.7 Table for EUT Configuration Information

EUT	WLAN Function	WWAN Function	WLAN Antenna	RF Flexible Low Loss Coaxial Cable	WWAN Set 1 Antenna	WWAN Set 2 Antenna	WWAN Set 3 Antenna	Cradlepoint to External Antenna Cable	Rack
1	V	-	V	-	-	-	-	-	-
2	V	V	V	V	V	V	V	V	V

Note 1: From the above, EUT 1 has selected to execute all test items except for Unwanted Emissions below 1GHz, AC Conducted Emissions test and EUT 2 has selected to execute all test items.
Note 2: The above information was declared by manufacturer.

1.1.8 Table for WWAN Module Information

The EUT contains a certified WWAN module.
The certified WWAN module information is listed below:

Brand Name	Model Name	FCC ID	Support Function
ALPHA	EM060K-GL-ALPHA	RRKEM060KALPHA	WCDMA band: 2,4,5 LTE band: 2,4,5,7,12,13,17,41,66,71 LTE CA band:intra CA_7C for downlink band.

Note: The above information was declared by manufacturer.

1.2 Applicable Standards

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

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

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

- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Mason Chan	22.5~23.3 / 60~64	Dec. 21, 2022~ Apr. 22, 2023
Radiated below 1GHz	03CH04-CB	Paul Hu	22.4~23.9 / 59~60	Apr. 27, 2023~ Apr. 28, 2023
Radiated above 1GHz (For EUT 1)	03CH02-CB	Jackson Peng	22.2~23.9 / 58~61	Nov. 15, 2022~ Dec. 23, 2022
	03CH03-CB	Jackson Peng	21.8~23.3 / 59~60	Nov. 15, 2022~ Dec. 23, 2022
Radiated above 1GHz (For EUT 2)	03CH03-CB	Jackson Peng	22.7~24 / 57~61	Apr. 13, 2023~ Apr. 18, 2023
Radiated above 1GHz (For co-location test)	03CH04-CB	Jackson Peng	21.7~22.9 / 58~62	Apr. 28, 2023~ Apr. 29, 2023
AC Conduction	CO01-CB	Summer Li	23~24 / 51~52	May 03, 2023

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

For EUT 1:

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	18.5
5300MHz	18
5320MHz	18
5500MHz	17.5
5580MHz	19
5700MHz	18.5
5720MHz Straddle 5.47-5.725GHz	18
5720MHz Straddle 5.725-5.85GHz	18
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	19.5
5300MHz	19
5320MHz	19
5500MHz	19
5580MHz	20
5700MHz	19.5
5720MHz Straddle 5.47-5.725GHz	19
5720MHz Straddle 5.725-5.85GHz	19
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	19.5
5310MHz	23
5510MHz	19.5
5550MHz	20
5670MHz	20
5710MHz Straddle 5.47-5.725GHz	21
5710MHz Straddle 5.725-5.85GHz	21
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	19.5
5530MHz	20
5690MHz Straddle 5.47-5.725GHz	21
5690MHz Straddle 5.725-5.85GHz	21
802.11ax HEW20_Nss2,(MCS0)_2TX	-
5260MHz	20
5300MHz	20
5320MHz	19.5

Mode	Power Setting
5500MHz	20
5580MHz	20.5
5700MHz	20.5
5720MHz Straddle 5.47-5.725GHz	21
5720MHz Straddle 5.725-5.85GHz	21
802.11ax HEW40_Nss2,(MCS0)_2TX	-
5270MHz	19.5
5310MHz	19.5
5510MHz	19.5
5550MHz	19.5
5670MHz	20
5710MHz Straddle 5.47-5.725GHz	21
5710MHz Straddle 5.725-5.85GHz	21
802.11ax HEW80_Nss2,(MCS0)_2TX	-
5290MHz	19.5
5530MHz	20
5690MHz Straddle 5.47-5.725GHz	21
5690MHz Straddle 5.725-5.85GHz	21
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	21
5300MHz	21
5320MHz	21
5500MHz	21
5580MHz	21
5700MHz	21
5720MHz Straddle 5.47-5.725GHz	21
5720MHz Straddle 5.725-5.85GHz	21
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	20
5310MHz	20
5510MHz	20
5550MHz	20
5670MHz	20
5710MHz Straddle 5.47-5.725GHz	21
5710MHz Straddle 5.725-5.85GHz	21
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	20
5530MHz	21
5690MHz Straddle 5.47-5.725GHz	21
5690MHz Straddle 5.725-5.85GHz	21

For EUT 2:

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	21
5300MHz	21
5320MHz	21
5500MHz	21
5580MHz	21
5700MHz	20.5
5720MHz Straddle 5.47-5.725GHz	21
5720MHz Straddle 5.725-5.85GHz	21
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	21.5
5300MHz	21.5
5320MHz	21.5
5500MHz	21.5
5580MHz	21.5
5700MHz	21.5
5720MHz Straddle 5.47-5.725GHz	21.5
5720MHz Straddle 5.725-5.85GHz	21.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	21
5310MHz	21
5510MHz	21
5550MHz	21
5670MHz	21
5710MHz Straddle 5.47-5.725GHz	22
5710MHz Straddle 5.725-5.85GHz	22
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	21.5
5530MHz	21.5
5690MHz Straddle 5.47-5.725GHz	21.5
5690MHz Straddle 5.725-5.85GHz	21.5
802.11ax HEW20_Nss2,(MCS0)_2TX	-
5260MHz	21.5
5300MHz	21.5
5320MHz	21.5
5500MHz	21.5
5580MHz	21.5
5700MHz	21.5
5720MHz Straddle 5.47-5.725GHz	22

Mode	Power Setting
5720MHz Straddle 5.725-5.85GHz	22
802.11ax HEW40_Nss2,(MCS0)_2TX	-
5270MHz	21
5310MHz	21
5510MHz	21
5550MHz	21
5670MHz	21
5710MHz Straddle 5.47-5.725GHz	22
5710MHz Straddle 5.725-5.85GHz	22
802.11ax HEW80_Nss2,(MCS0)_2TX	-
5290MHz	21.5
5530MHz	21.5
5690MHz Straddle 5.47-5.725GHz	21.5
5690MHz Straddle 5.725-5.85GHz	21.5
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	24
5300MHz	24
5320MHz	24
5500MHz	24
5580MHz	24
5700MHz	23
5720MHz Straddle 5.47-5.725GHz	26
5720MHz Straddle 5.725-5.85GHz	26
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	23
5310MHz	23
5510MHz	23
5550MHz	23
5670MHz	23
5710MHz Straddle 5.47-5.725GHz	26
5710MHz Straddle 5.725-5.85GHz	26
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	23
5530MHz	23
5690MHz Straddle 5.47-5.725GHz	26
5690MHz Straddle 5.725-5.85GHz	26

Note:
- Evaluated HEW20/HEW40/HEW80 mode only, due to similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80 mode are the same or lower than HEW20/HEW40/HEW80.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT 2+WWAN-WCDMA Band 2+WWAN Set 3 Antenna+Adapter
2	EUT 2+WWAN-WCDMA Band 2+WWAN Set 2 Antenna+Adapter
3	EUT 2+WWAN-WCDMA Band 2+WWAN Set 1 Antenna+Adapter
Mode 2 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT 2+WWAN-LTE Band 5+WWAN Set 2 Antenna+Adapter
For operating mode 4 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests		
Tests Item	Emission Bandwidth Maximum Output Power Power Spectral Density	
Test Condition	Conducted measurement at transmit chains	
Test Mode	1	EUT 1
	2	EUT 2

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	Normal Link
1	EUT 2 at Z-axis+WWAN-WCDMA Band 2+WWAN Set 3 Antenna+Adapter
2	EUT 2 at Z-axis+WWAN-WCDMA Band 2+WWAN Set 2 Antenna+Adapter
3	EUT 2 at Z-axis+WWAN-WCDMA Band 2+WWAN Set 1 Antenna+Adapter
Mode 1 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT 2 at Z-axis+WWAN-LTE Band 5+WWAN Set 3 Antenna+Adapter
For operating mode 4 is the worst case and it was record in this test report.	

Operating Mode > 1GHz	CTX
	After evaluating, the worst case was found at Z axis, so it was selected to perform test and its test result was written in the report.
1	EUT 1 at Z-axis
2	EUT 2 at Z-axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	After evaluating, the worst case was found at Z axis, so it was selected to perform test and its test result was written in the report.
1	EUT 1 at Z-axis+WLAN 2.4GHz+WLAN 5GHz
2	EUT 2 at Z-axis+WLAN 2.4GHz+WLAN 5GHz
Mode 2 generated the worst test result, so it was recorded in this report.	
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT 1+WLAN 2.4GHz+WLAN 5GHz
2	EUT 2+WLAN 2.4GHz+WLAN 5GHz+WWAN
Refer to Sporton Test Report No.: FA330127 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

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

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories				
Equipment Name	**Brand Name**	**Model Name**	**Rating**	**DC Power Line**
Adapter	FSP	FSP120-AWAN3	INPUT: 100-240V~,1.8A, 50-60Hz OUTPUT: 54.0V, 2.22A, 120.0W	Non-Shielded, 1.5m
Others				
US Plug AC Power Cable*1, non-shielded, 1m				
RJ-45 Cable 1*1, non-shielded, 1.8m				
RJ-45 Cable 2*5, non-shielded, 0.5m (Only for EUT 2 use)				
USB Cable*2, Shielded, 0.45m (Only for EUT 2 use)				
Cradlepoint to External Antenna Cable*2, Shielded, 6.2m (Only for EUT 2 with WWAN ant. set 2, and 3 use)				
RF Flexible Low Loss Coaxial Cable*1 (Only for EUT 2 with WLAN ant. use)				
Rack*1 (Only for EUT 2 use)				

2.5 Support Equipment

For AC Conduction and Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PSE Device1	Panasonic	EA-7HW04AP1	N/A
B	PSE Device2	Panasonic	EA-7HW04AP1	N/A
C	Flash disk 3.0	SanDisk	SDCZ600-016G	N/A
D	Flash disk 3.0	SanDisk	SDCZ600-016G	N/A
E	2.4G NB	DELL	E6430	N/A
F	5G NB	DELL	E6430	N/A
G	Base station	Anritsu	MT8820C	N/A
H	LAN NB	DELL	E6430	N/A
I	SIM Card	Anritsu	N/A	N/A

For Radiated (above 1GHz):
For non-beamforming

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

For beamforming

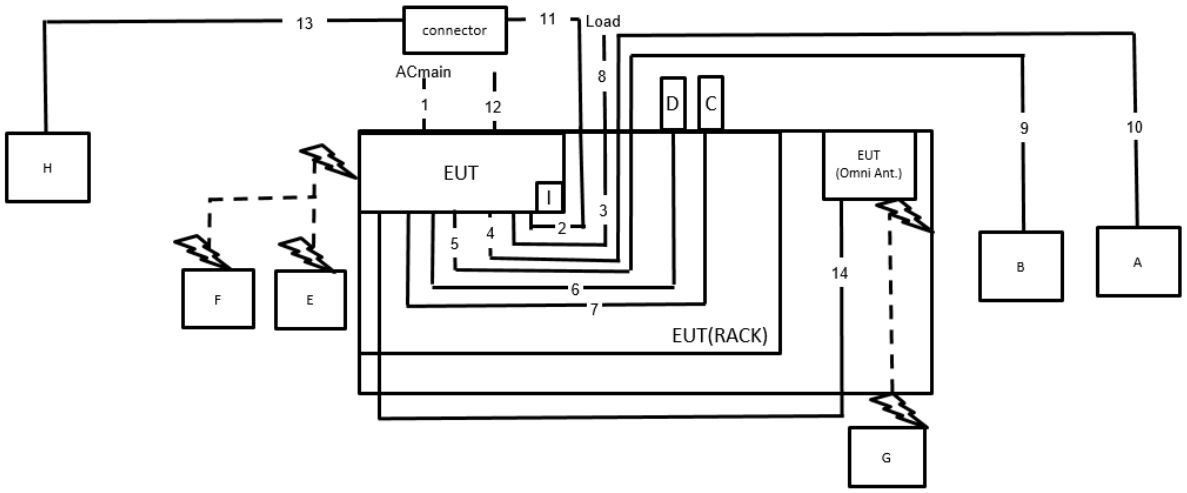
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	Client	datto	DSE641TL	N/A
C	NB	DELL	E4300	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	RX Device	Alphanetworks	WRG-AX28	N/A

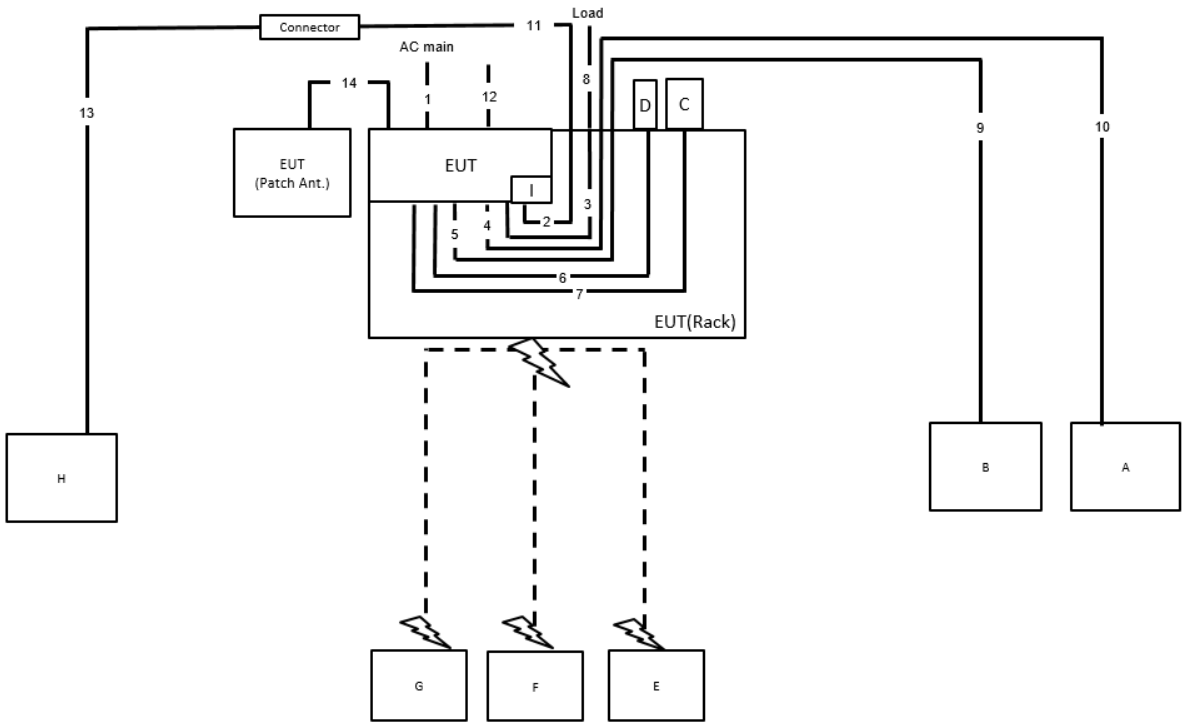
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



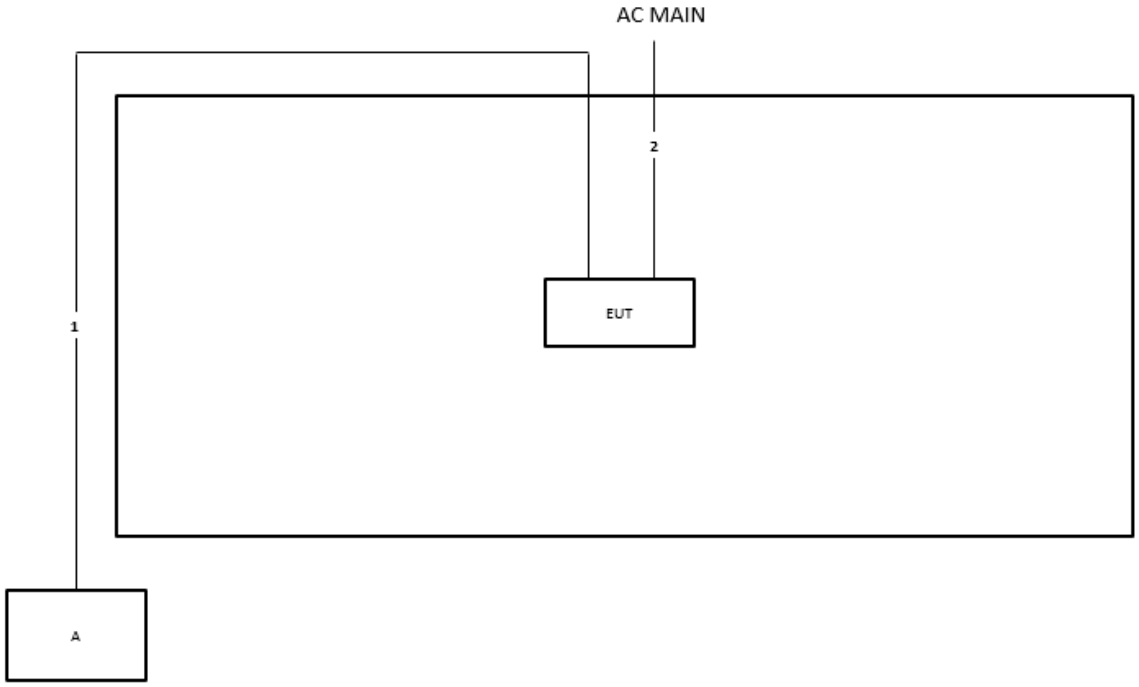
Item	Connection	Shielded	Length
1	Power Cable	No	2.5m
2	RJ-45 Cable	No	0.5m
3	RJ-45 Cable*2	No	0.5m
4	RJ-45 Cable	No	0.5m
5	RJ-45 Cable	No	0.5m
6	USB Cable	Yes	0.45m
7	USB Cable	Yes	0.45m
8	RJ-45 Cable*2	No	3m
9	RJ-45 Cable	No	10m
10	RJ-45 Cable	No	10m
11	RJ-45 Cable	No	1.8m
12	GND Cable	No	2m
13	RJ-45 Cable	No	10m
14	Antenna Cable*2	Yes	6.15m

Test Setup Diagram - Radiated Test < 1GHz



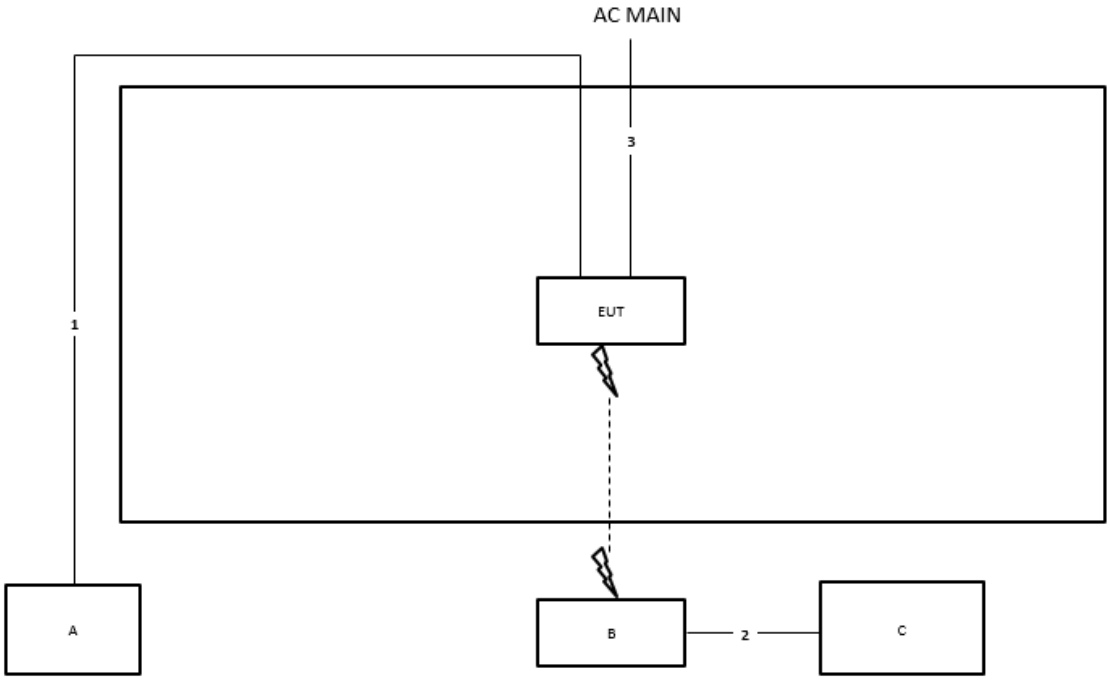
Item	Connection	Shielded	Length
1	Power Cable	No	2.5m
2	RJ-45 Cable	No	0.5m
3	RJ-45 Cable*2	No	0.5m
4	RJ-45 Cable	No	0.5m
5	RJ-45 Cable	No	0.5m
6	USB Cable	Yes	0.45m
7	USB Cable	Yes	0.45m
8	RJ-45 Cable*2	No	3m
9	RJ-45 Cable	No	10m
10	RJ-45 Cable	No	10m
11	RJ-45 Cable	No	1.8m
12	GND Cable	No	2m
13	RJ-45 Cable	No	10m
14	Antenna Cable*2	Yes	6.15m

Test Setup Diagram - Radiated Test > 1GHz_For non-beamforming



Item	Connection	Shielded	Length
1	RJ-45 Cable	No	10m
2	Power Cable	No	2.5m

Test Setup Diagram - Radiated Test > 1GHz_For beamforming



Item	Connection	Shielded	Length
1	RJ-45 Cable	No	10m
2	RJ-45 Cable	No	1.5m
3	Power Cable	No	2.5m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

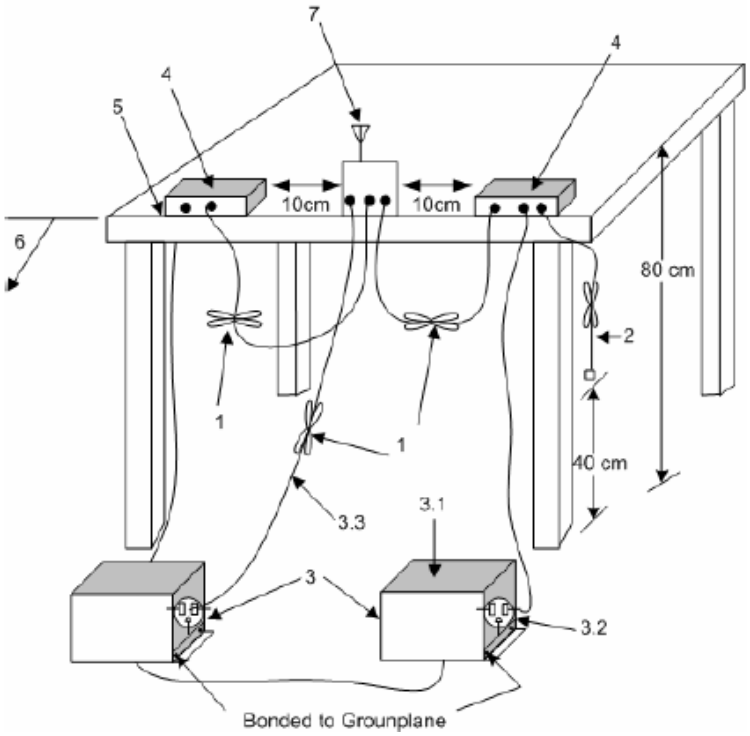
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☐	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth ≥ 500kHz.
LE-LAN Devices	
☐	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

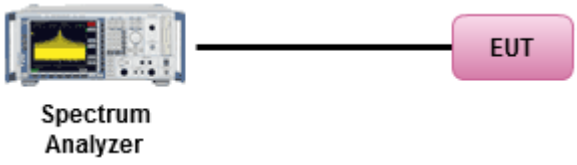
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method		
▪	For the emission bandwidth shall be measured using one of the options below:	
	☒	Refer as FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.
	☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
	☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Output Power

3.3.1 Limit

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

3.3.2 Measuring Instruments

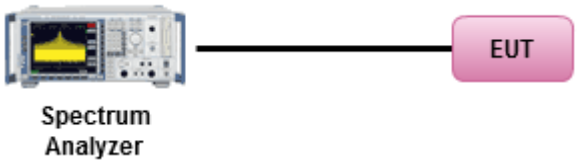
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
	Average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☒	For conducted measurement.
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☐	For radiated measurement.
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup

For Straddle channel

Conducted Measurement (Spectrum Analyzer)


For others test

Conducted Measurement (Power Meter)


3.3.5 Test Result of Maximum Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Limit

Peak Power Spectral Density Limit	
UNII Devices	
☐	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☒	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

3.4.2 Measuring Instruments

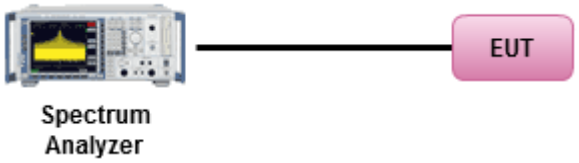
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:		
	☐	Refer as FCC KDB 789033 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
	[duty cycle ≥ 98% or external video / power trigger]	
	☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
	☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
	duty cycle < 98% and average over on/off periods with duty factor	
	☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
	☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒	For conducted measurement.	
	▪	If the EUT supports multiple transmit chains using options given below:
		☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
	▪	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$
☐	For radiated measurement.	
	▪	Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.

Test Method	
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup

Conducted Measurement


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
☐ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of

linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

3.5.2 Measuring Instruments

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

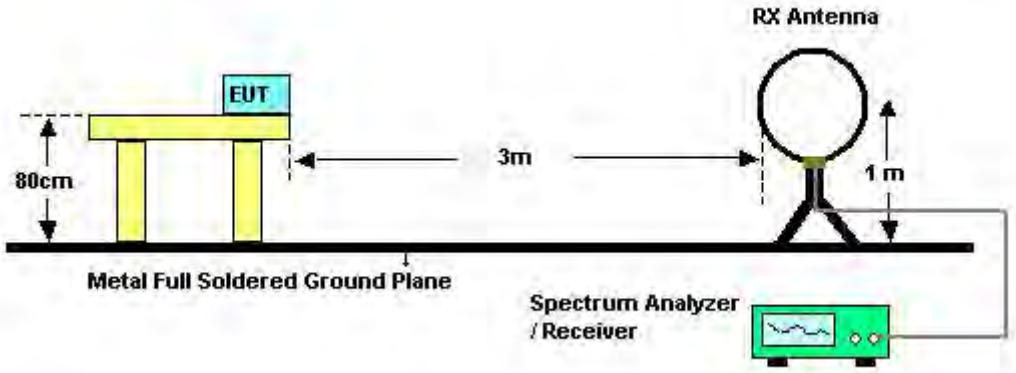
3.5.3 Test Procedures

Test Method			
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).			
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].			
▪ For the transmitter unwanted emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.		
	▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.		
		☐ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).	
		☒ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).	
		☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.	
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.	
		☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.	
		☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.	
▪ For radiated measurement.			
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.		
▪ The any unwanted emissions level shall not exceed the fundamental emission level.			
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.			

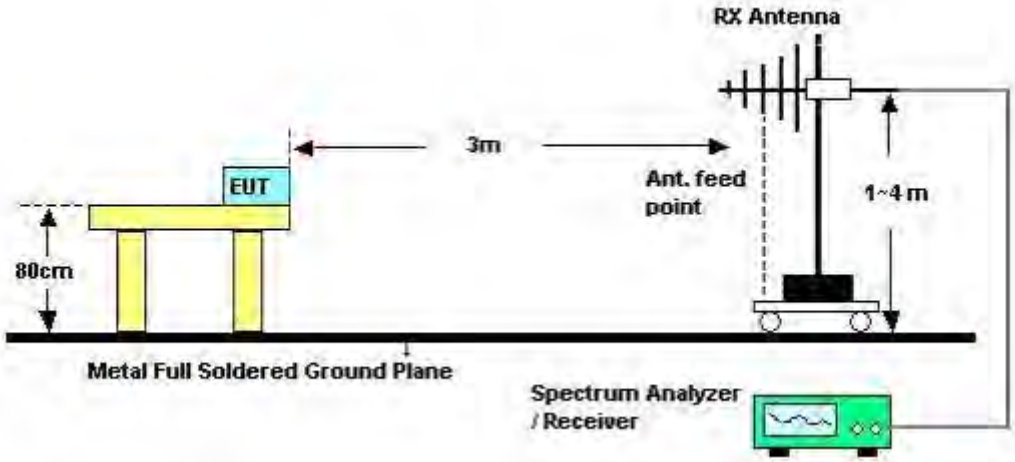
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

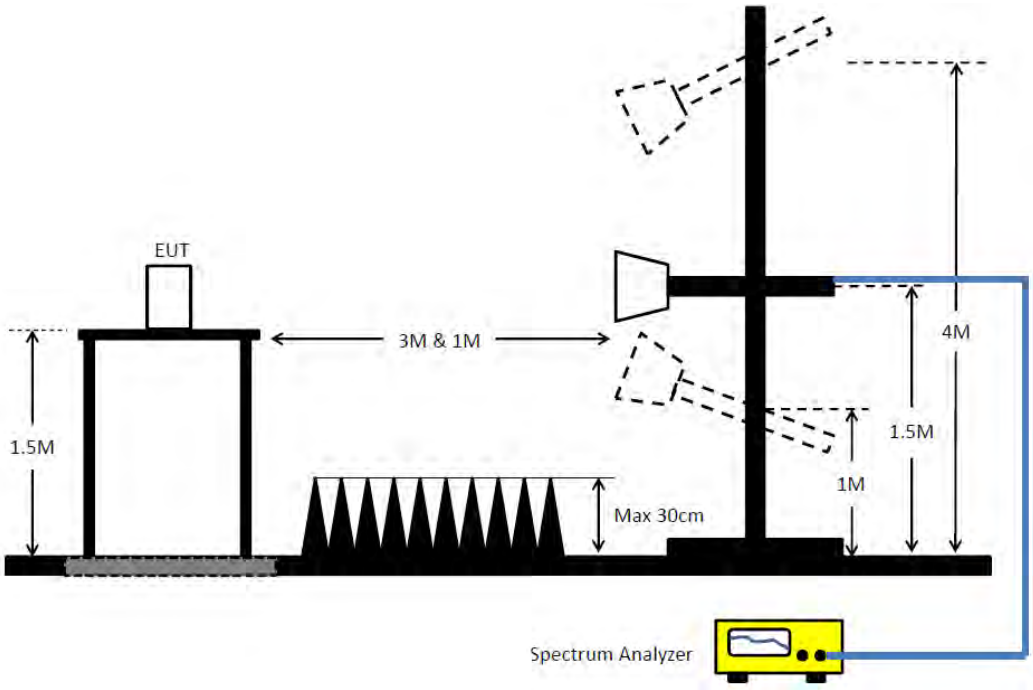
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 20, 2023	Feb. 19, 2024	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50 -16-2	04083	150kHz ~ 100MHz	Feb. 16, 2023	Feb. 15, 2024	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 20, 2022	Dec. 19, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 09, 2023	Feb. 08, 2024	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 18, 2022	Oct. 17, 2023	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 26, 2022	Mar. 25, 2023	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 19, 2022	Apr. 18, 2023	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH02-CB)
Pre-Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	Aug. 23 2022	Aug. 22, 2023	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSP	100593	9kHz~40GHz	Apr. 08, 2022	Apr. 07, 2023	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 05, 2022	May 04, 2023	Radiation (03CH03-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jun. 23, 2022	Jun. 22, 2023	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH03-CB)
Pre-Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	Aug. 23 2022	Aug. 22, 2023	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 10, 2022	Jun. 09, 2023	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (03CH04-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30 MHz ~ 1 GHz	Aug. 02, 2022	Aug. 01, 2023	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 23, 2023	Feb. 22, 2024	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N 0607	30MHz ~ 1GHz	Oct. 08, 2022	Oct. 07, 2023	Radiation (03CH04-CB)
Horn Antenna	ETS·Lindgren	3115	00143147	750MHz~18GHz	Oct. 12, 2022	Oct. 11, 2023	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH04-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 19, 2022	May 18, 2023	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 16, 2022	Nov. 15, 2023	Radiation (03CH04-CB)

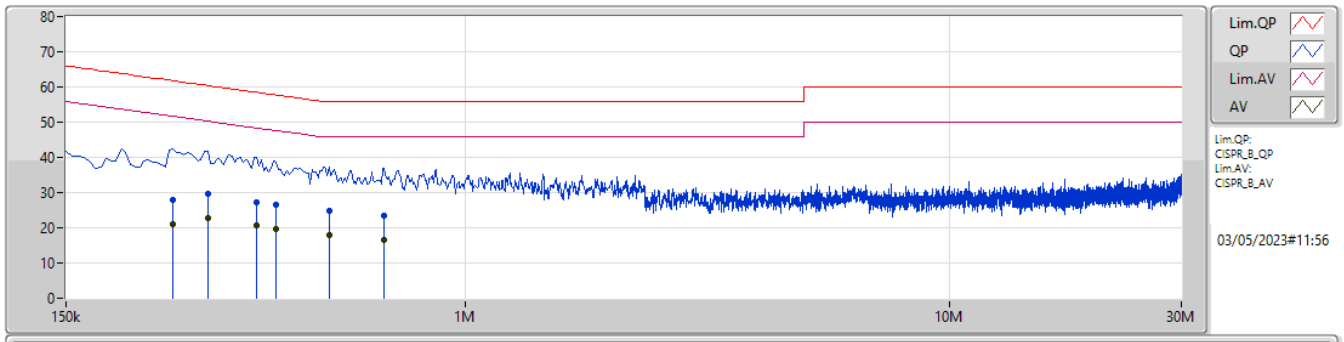
Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 21, 2023	Mar. 20, 2024	Radiation (03CH04-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz – 1GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2022	May 26, 2023	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1 GHz –26.5 GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
Cable	Woken	RG402	low Cable-30	9 kHz –1 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	1339408	300MHz~40GHz	Sep. 12, 2022	Sep. 11, 2023	Conducted (TH01-CB)
Power Meter	Anritsu	ML2495A	1517009	300MHz~40GHz	Sep. 12, 2022	Sep. 11, 2023	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

Summary

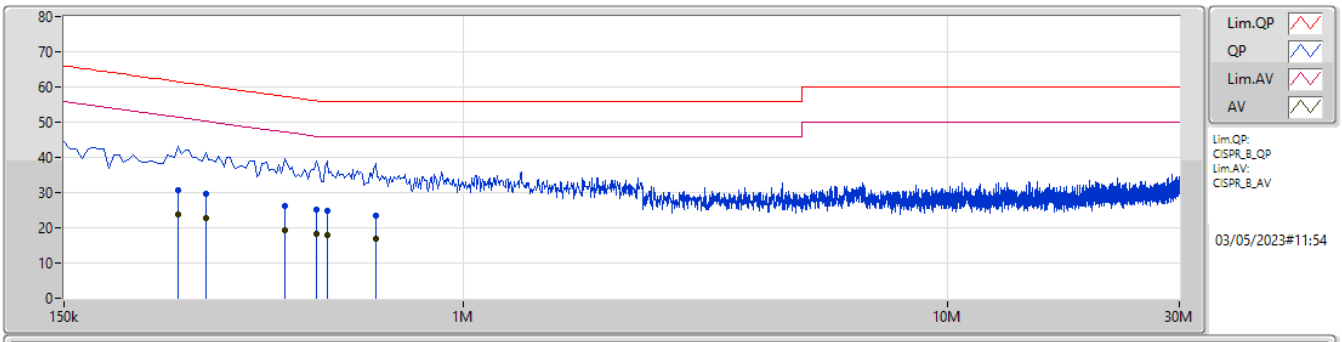
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 4	Pass	AV	294k	22.91	50.42	-27.51	Neutral

Mode 4



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	249k	27.85	61.79	-33.94	9.98	Line	-	17.87	0.06	0.05	9.87
AV	249k	21.08	51.79	-30.71	9.98	Line	-	11.10	0.06	0.05	9.87
QP	294k	29.66	60.42	-30.76	9.99	Line	-	19.67	0.06	0.05	9.88
AV	294k	22.73	50.42	-27.69	9.99	Line	"Worst"	12.74	0.06	0.05	9.88
QP	370.5k	27.41	58.49	-31.08	10.02	Line	-	17.39	0.06	0.06	9.90
AV	370.5k	20.57	48.49	-27.92	10.02	Line	-	10.55	0.06	0.06	9.90
QP	406.5k	26.51	57.72	-31.21	10.02	Line	-	16.49	0.06	0.06	9.90
AV	406.5k	19.79	47.72	-27.93	10.02	Line	-	9.77	0.06	0.06	9.90
QP	523.5k	24.89	56.00	-31.11	10.01	Line	-	14.88	0.06	0.05	9.90
AV	523.5k	18.09	46.00	-27.91	10.01	Line	-	8.08	0.06	0.05	9.90
QP	681k	23.49	56.00	-32.51	10.02	Line	-	13.47	0.07	0.05	9.90
AV	681k	16.67	46.00	-29.33	10.02	Line	-	6.65	0.07	0.05	9.90

Mode 4



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	258k	30.58	61.49	-30.91	9.99	Neutral	-	20.59	0.07	0.05	9.87
AV	258k	23.78	51.49	-27.71	9.99	Neutral	-	13.79	0.07	0.05	9.87
QP	294k	29.67	60.42	-30.75	10.00	Neutral	-	19.67	0.07	0.05	9.88
AV	294k	22.91	50.42	-27.51	10.00	Neutral	"Worst"	12.91	0.07	0.05	9.88
QP	429k	26.10	57.28	-31.18	10.03	Neutral	-	16.07	0.07	0.06	9.90
AV	429k	19.41	47.28	-27.87	10.03	Neutral	-	9.38	0.07	0.06	9.90
QP	496.5k	25.10	56.06	-30.96	10.03	Neutral	-	15.07	0.07	0.06	9.90
AV	496.5k	18.37	46.06	-27.69	10.03	Neutral	-	8.34	0.07	0.06	9.90
QP	523.5k	24.82	56.00	-31.18	10.02	Neutral	-	14.80	0.07	0.05	9.90
AV	523.5k	17.96	46.00	-28.04	10.02	Neutral	-	7.94	0.07	0.05	9.90
QP	658.5k	23.58	56.00	-32.42	10.03	Neutral	-	13.55	0.08	0.05	9.90
AV	658.5k	16.88	46.00	-29.12	10.03	Neutral	-	6.85	0.08	0.05	9.90

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.88M	16.383M	16M4D1D	20.61M	16.363M
802.11ax HEW20_Nss1,(MCS0)_2TX	22.14M	18.937M	18M9D1D	21.54M	18.886M
802.11ax HEW20_Nss2,(MCS0)_2TX	22.59M	18.941M	18M9D1D	21.36M	18.891M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.72M	18.927M	18M9D1D	21.33M	18.849M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.22M	37.752M	37M8D1D	40.98M	37.699M
802.11ax HEW40_Nss2,(MCS0)_2TX	41.34M	37.749M	37M7D1D	41.04M	37.688M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	41.4M	37.768M	37M8D1D	40.8M	37.68M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.68M	77.017M	77M0D1D	82.32M	76.989M
802.11ax HEW80_Nss2,(MCS0)_2TX	82.68M	77.151M	77M2D1D	82.68M	77.117M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	84.12M	77.032M	77M0D1D	80.4M	76.918M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.7M	16.388M	16M4D1D	15.225M	13.158M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.99M	18.929M	18M9D1D	15.795M	14.424M
802.11ax HEW20_Nss2,(MCS0)_2TX	22.38M	18.941M	18M9D1D	15.78M	14.438M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.87M	18.906M	18M9D1D	15.705M	14.433M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.34M	37.794M	37M8D1D	35.385M	33.643M
802.11ax HEW40_Nss2,(MCS0)_2TX	41.46M	37.784M	37M8D1D	35.28M	33.676M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	41.04M	37.741M	37M7D1D	35.21M	33.663M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.44M	77.142M	77M1D1D	75.9M	72.99M
802.11ax HEW80_Nss2,(MCS0)_2TX	82.56M	77.196M	77M2D1D	75.9M	73.033M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	101.52M	77.17M	77M2D1D	76.2M	73.005M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.12M	3.66M	3M66D1D	2.54M	3.605M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.1M	4.602M	4M60D1D	4.1M	4.574M
802.11ax HEW20_Nss2,(MCS0)_2TX	4.36M	4.605M	4M61D1D	4.2M	4.579M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.12M	4.583M	4M58D1D	3.78M	4.568M
802.11ax HEW40_Nss1,(MCS0)_2TX	3.98M	4.166M	4M17D1D	3.96M	4.131M
802.11ax HEW40_Nss2,(MCS0)_2TX	4.1M	4.181M	4M18D1D	3.76M	4.155M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	4.04M	4.182M	4M18D1D	3.92M	4.169M
802.11ax HEW80_Nss1,(MCS0)_2TX	4.12M	4.184M	4M18D1D	3.98M	4.17M
802.11ax HEW80_Nss2,(MCS0)_2TX	4.1M	4.231M	4M23D1D	4.06M	4.184M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.98M	4.179M	4M18D1D	3.88M	4.175M

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

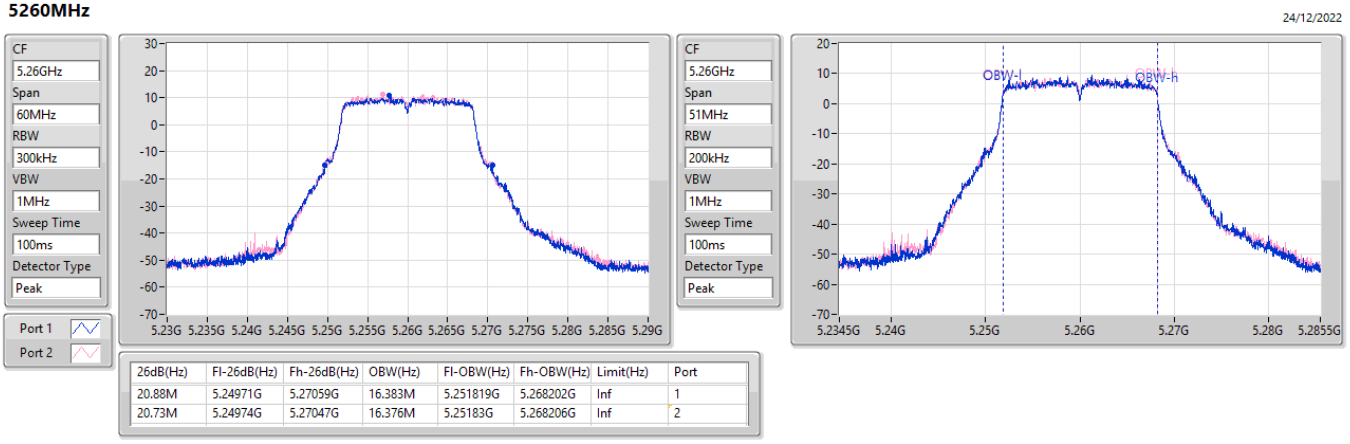
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	20.88M	16.383M	20.73M	16.376M
5300MHz	Pass	Inf	20.79M	16.378M	20.7M	16.38M
5320MHz	Pass	Inf	20.61M	16.363M	20.7M	16.381M
5500MHz	Pass	Inf	20.55M	16.38M	20.7M	16.387M
5580MHz	Pass	Inf	20.58M	16.366M	20.46M	16.383M
5700MHz	Pass	Inf	20.58M	16.388M	20.43M	16.387M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.315M	13.158M	15.225M	13.176M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.66M	2.54M	3.605M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.75M	18.898M	21.66M	18.915M
5300MHz	Pass	Inf	21.69M	18.886M	22.14M	18.922M
5320MHz	Pass	Inf	21.57M	18.937M	21.54M	18.901M
5500MHz	Pass	Inf	21.78M	18.923M	21.99M	18.922M
5580MHz	Pass	Inf	21.96M	18.925M	21.69M	18.898M
5700MHz	Pass	Inf	21.57M	18.927M	21.78M	18.929M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.795M	14.427M	15.99M	14.424M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	4.602M	4.1M	4.574M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.98M	37.731M	41.1M	37.752M
5310MHz	Pass	Inf	41.1M	37.734M	41.22M	37.699M
5510MHz	Pass	Inf	41.28M	37.707M	41.34M	37.794M
5550MHz	Pass	Inf	40.8M	37.737M	40.92M	37.712M
5670MHz	Pass	Inf	41.04M	37.726M	40.92M	37.671M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.385M	33.643M	35.42M	33.672M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	4.166M	3.96M	4.131M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.32M	77.017M	82.68M	76.989M
5530MHz	Pass	Inf	82.44M	77.142M	82.2M	77.118M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.2M	73.033M	75.9M	72.99M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.12M	4.184M	3.98M	4.17M
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.51M	18.916M	22.59M	18.938M
5300MHz	Pass	Inf	21.93M	18.891M	21.36M	18.927M
5320MHz	Pass	Inf	21.87M	18.9M	21.81M	18.941M
5500MHz	Pass	Inf	21.78M	18.92M	22.38M	18.941M
5580MHz	Pass	Inf	22.29M	18.916M	21.75M	18.937M
5700MHz	Pass	Inf	21.93M	18.938M	22.32M	18.914M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.035M	14.438M	15.78M	14.44M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.36M	4.579M	4.2M	4.605M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	41.04M	37.749M	41.34M	37.711M
5310MHz	Pass	Inf	41.04M	37.717M	41.04M	37.688M
5510MHz	Pass	Inf	41.46M	37.784M	41.46M	37.727M
5550MHz	Pass	Inf	40.86M	37.703M	41.04M	37.749M
5670MHz	Pass	Inf	40.74M	37.737M	40.86M	37.746M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.42M	33.676M	35.28M	33.699M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	4.181M	3.76M	4.155M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.68M	77.117M	82.68M	77.151M
5530MHz	Pass	Inf	82.56M	77.196M	82.44M	77.084M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.05M	73.033M	75.9M	73.062M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	4.231M	4.1M	4.184M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.66M	18.911M	21.72M	18.892M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5300MHz	Pass	Inf	21.66M	18.849M	21.54M	18.927M
5320MHz	Pass	Inf	21.69M	18.913M	21.33M	18.876M
5500MHz	Pass	Inf	21.87M	18.897M	21.57M	18.896M
5580MHz	Pass	Inf	21.72M	18.894M	21.48M	18.906M
5700MHz	Pass	Inf	21.54M	18.904M	21.51M	18.886M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.75M	14.433M	15.705M	14.436M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.12M	4.583M	3.78M	4.568M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.98M	37.718M	41.4M	37.768M
5310MHz	Pass	Inf	40.8M	37.705M	41.16M	37.68M
5510MHz	Pass	Inf	40.56M	37.656M	40.98M	37.723M
5550MHz	Pass	Inf	40.74M	37.741M	40.86M	37.725M
5670MHz	Pass	Inf	41.04M	37.699M	41.04M	37.736M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.91M	33.695M	35.21M	33.663M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.04M	4.182M	3.92M	4.169M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	84.12M	77.032M	80.4M	76.918M
5530MHz	Pass	Inf	82.44M	77.162M	101.52M	77.17M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.5M	73.005M	76.2M	73.046M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.88M	4.175M	3.98M	4.179M

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

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

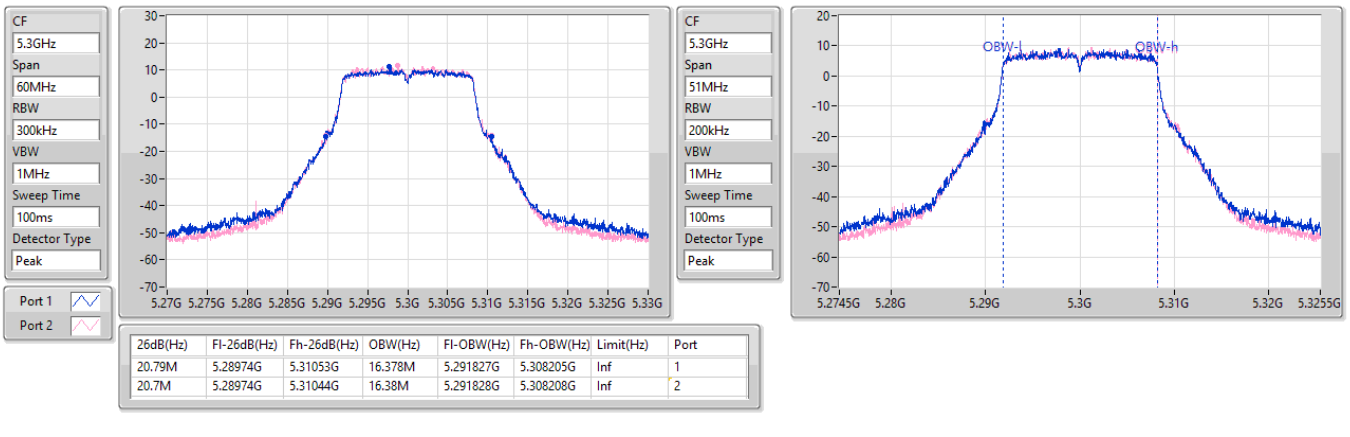
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.88M	5.24971G	5.27059G	16.383M	5.251819G	5.268202G	Inf	1
20.73M	5.24974G	5.27047G	16.376M	5.25183G	5.268206G	Inf	2

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5300MHz

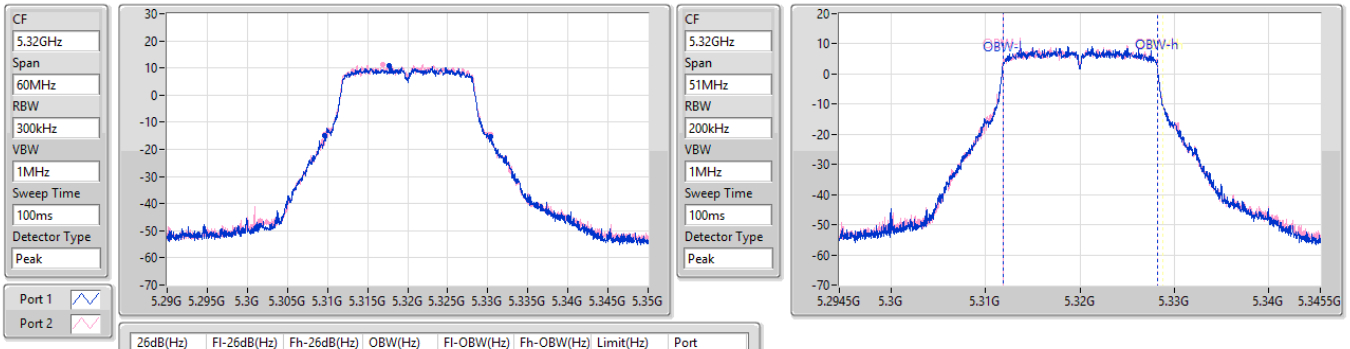


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.79M	5.28974G	5.31053G	16.378M	5.291827G	5.308205G	Inf	1
20.7M	5.28974G	5.31044G	16.38M	5.291828G	5.308208G	Inf	2

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5320MHz

24/12/2022

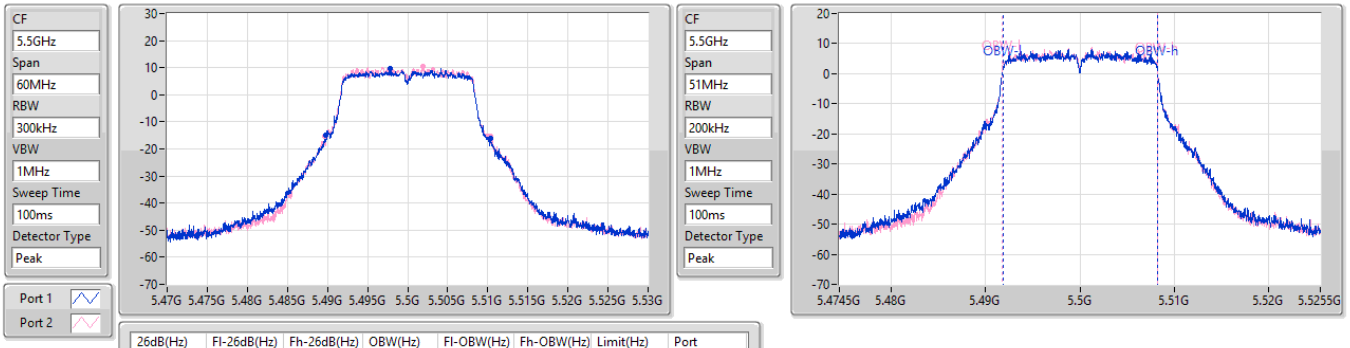


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.61M	5.30968G	5.33029G	16.363M	5.31183G	5.328193G	Inf	1
20.7M	5.30971G	5.33041G	16.381M	5.311818G	5.328199G	Inf	2

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5500MHz

24/12/2022

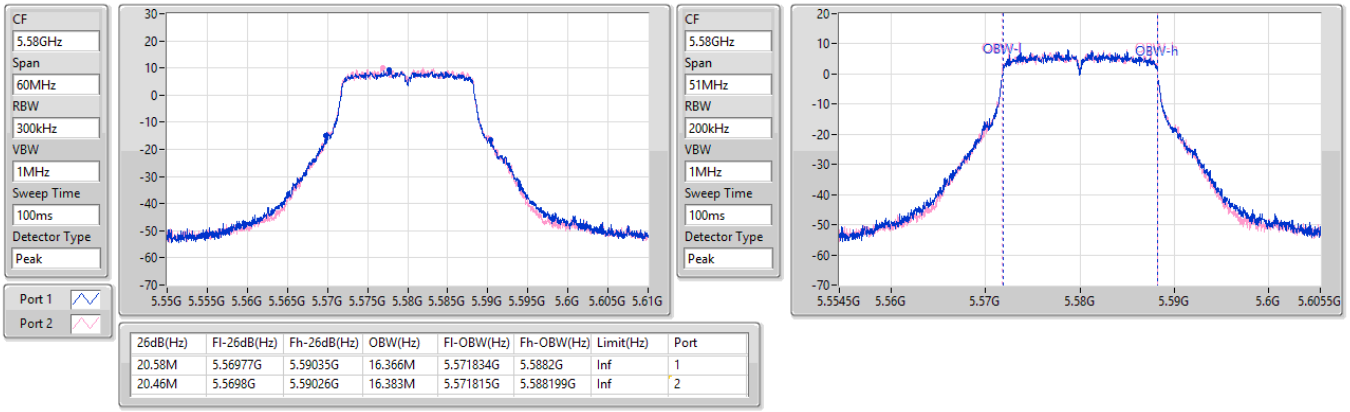


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.55M	5.48974G	5.51029G	16.38M	5.491826G	5.508205G	Inf	1
20.7M	5.48971G	5.51041G	16.387M	5.491813G	5.5082G	Inf	2

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5580MHz

24/12/2022

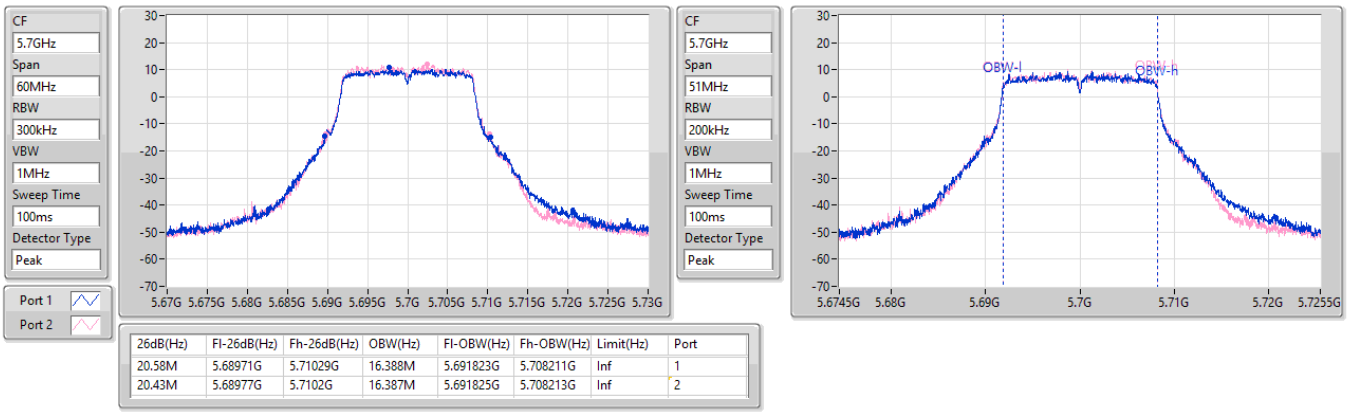


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.58M	5.56977G	5.59035G	16.366M	5.571834G	5.5882G	Inf	1
20.46M	5.5698G	5.59026G	16.383M	5.571815G	5.588199G	Inf	2

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5700MHz

24/12/2022

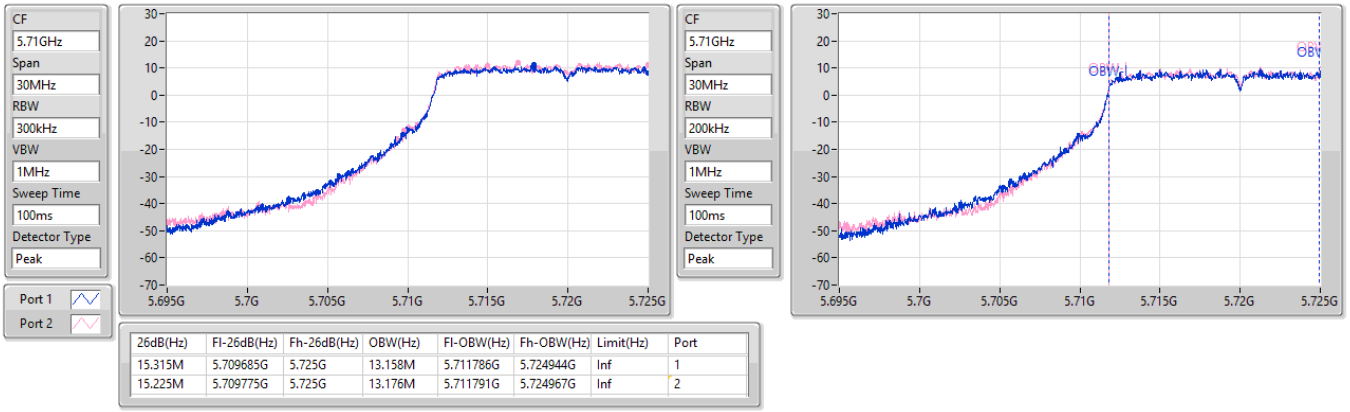


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.58M	5.68971G	5.71029G	16.388M	5.691823G	5.708211G	Inf	1
20.43M	5.68977G	5.7102G	16.387M	5.691825G	5.708213G	Inf	2

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5720MHz Straddle 5.47-5.725GHz

24/12/2022

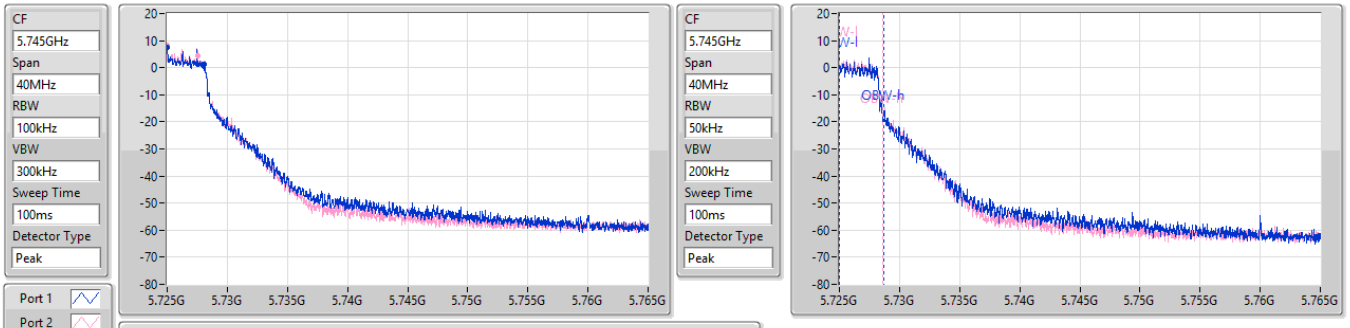


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.315M	5.709685G	5.725G	13.158M	5.711786G	5.724944G	Inf	1
15.225M	5.709775G	5.725G	13.176M	5.711791G	5.724967G	Inf	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

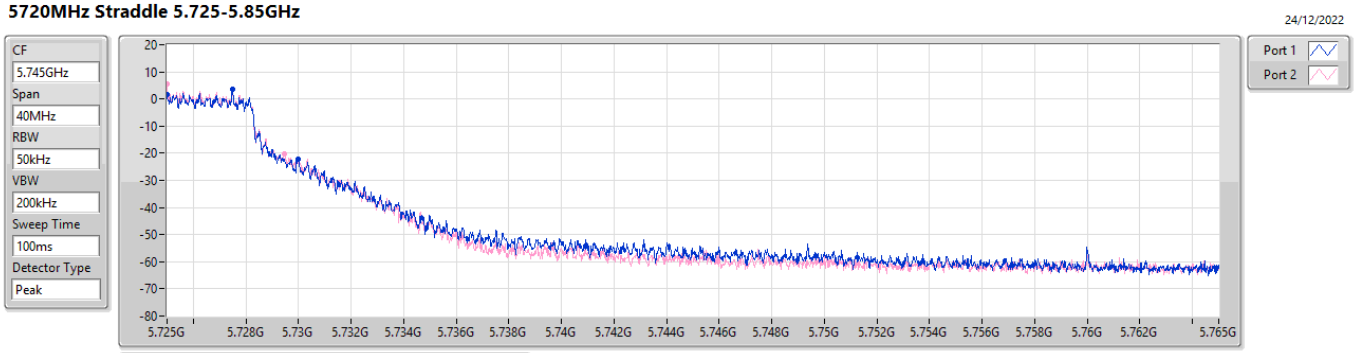
24/12/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	3.66M	5.725009G	5.72867G	500k	1
2.54M	5.725G	5.72754G	3.605M	5.725005G	5.72861G	500k	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

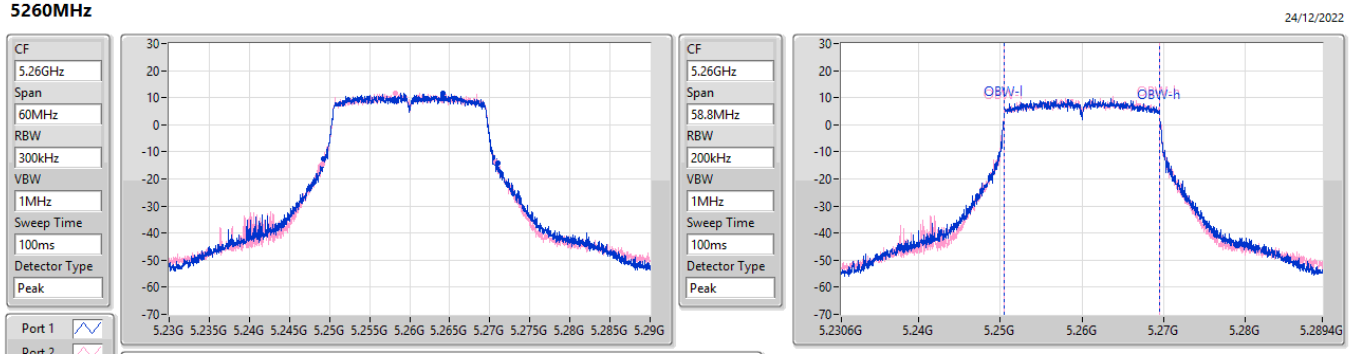
5720MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5M	5.725G	5.73G	Inf	1
4.48M	5.725G	5.72948G	Inf	2

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5260MHz

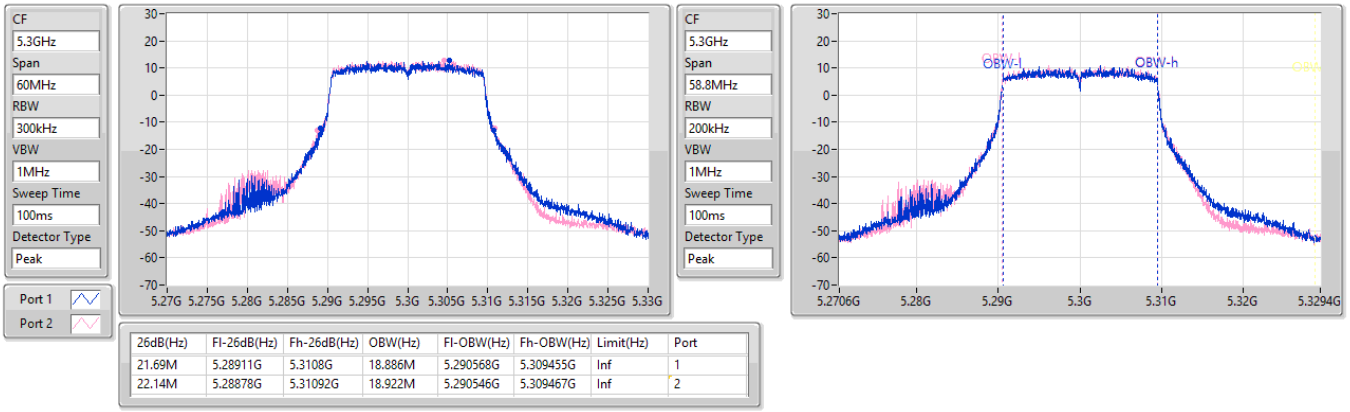


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.24923G	5.27098G	18.898M	5.250561G	5.26946G	Inf	1
21.66M	5.24908G	5.27074G	18.915M	5.250552G	5.269466G	Inf	2

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5300MHz

24/12/2022

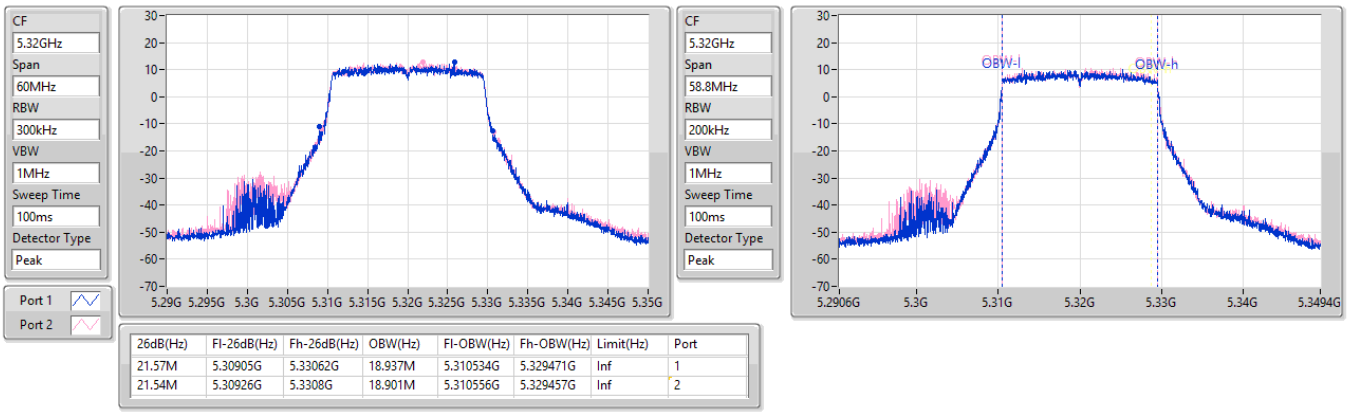


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.28911G	5.3108G	18.886M	5.290568G	5.309455G	Inf	1
22.14M	5.28878G	5.31092G	18.922M	5.290546G	5.309467G	Inf	2

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5320MHz

24/12/2022

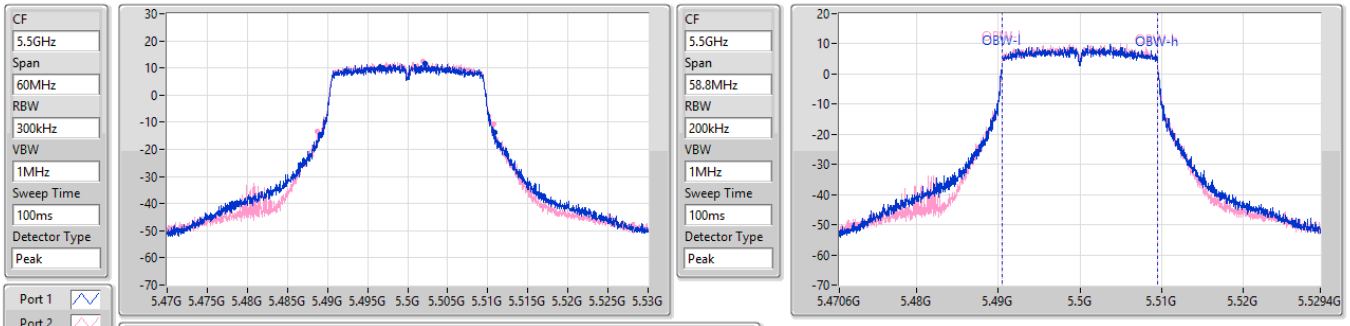


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.30905G	5.33062G	18.937M	5.310534G	5.329471G	Inf	1
21.54M	5.30926G	5.3308G	18.901M	5.310556G	5.329457G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5500MHz

24/12/2022

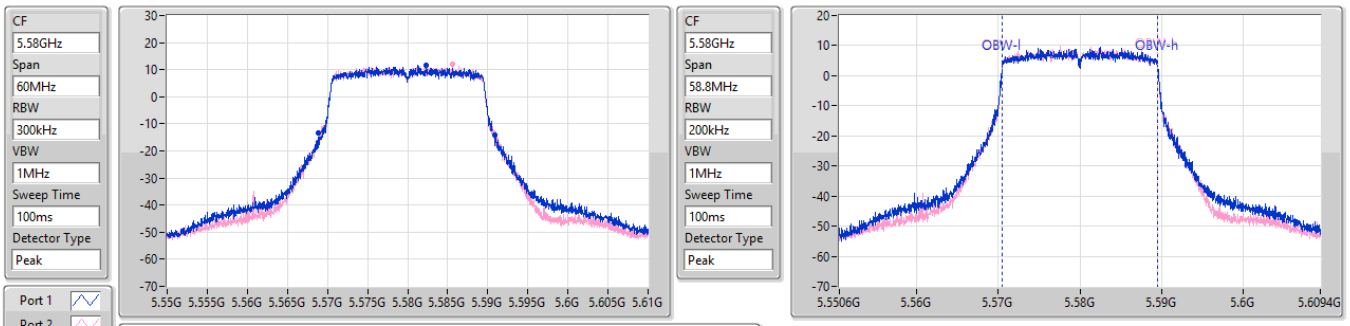


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	5.48908G	5.51086G	18.923M	5.490534G	5.509457G	Inf	1
21.99M	5.48872G	5.51071G	18.922M	5.490539G	5.50946G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5580MHz

24/12/2022

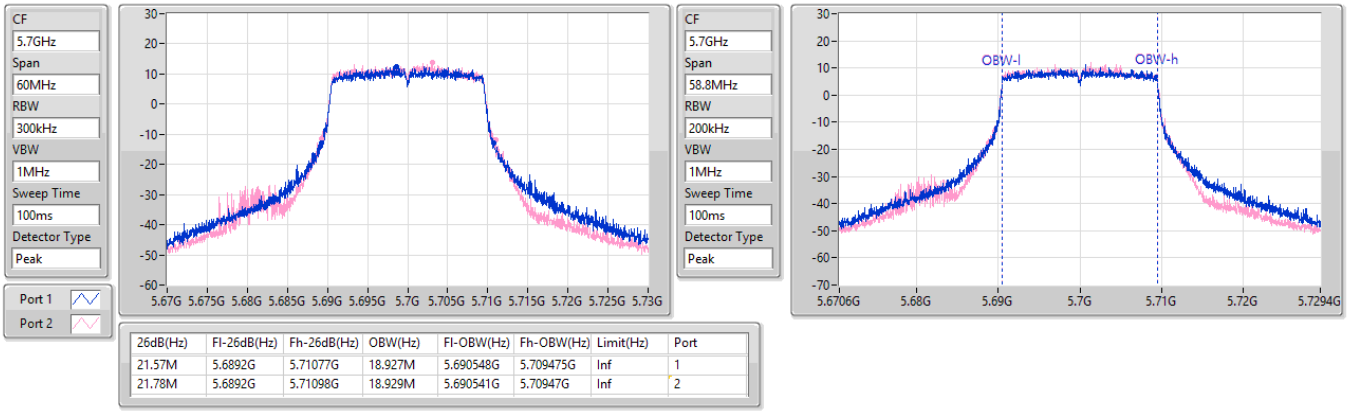


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.96M	5.5689G	5.59086G	18.925M	5.570549G	5.589474G	Inf	1
21.69M	5.56905G	5.59074G	18.898M	5.57056G	5.589458G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5700MHz

24/12/2022

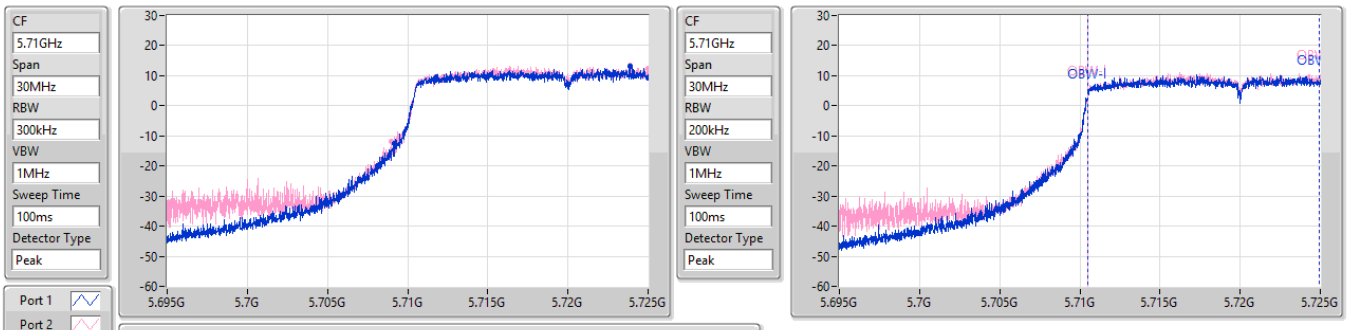


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.6892G	5.71077G	18.927M	5.690548G	5.709475G	Inf	1
21.78M	5.6892G	5.71098G	18.929M	5.690541G	5.70947G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.47-5.725GHz

24/12/2022

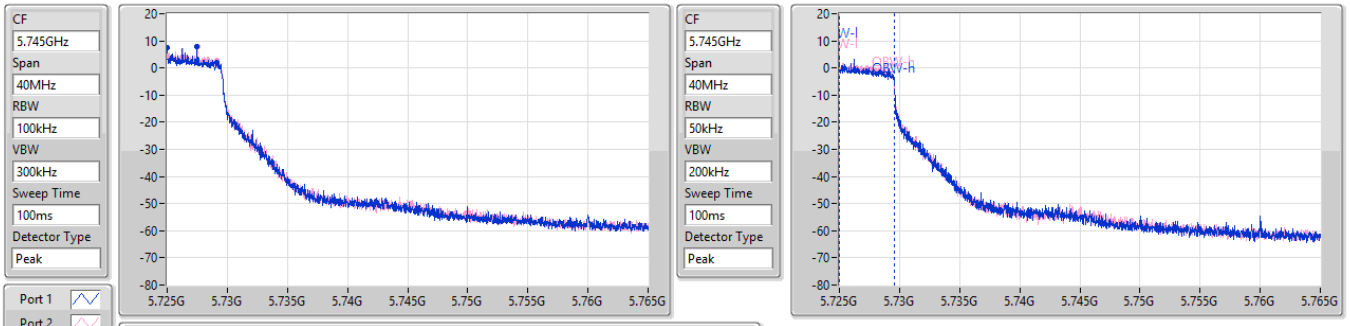


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.795M	5.709205G	5.725G	14.427M	5.710507G	5.724934G	Inf	1
15.99M	5.70901G	5.725G	14.424M	5.710522G	5.724946G	Inf	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

24/12/2022

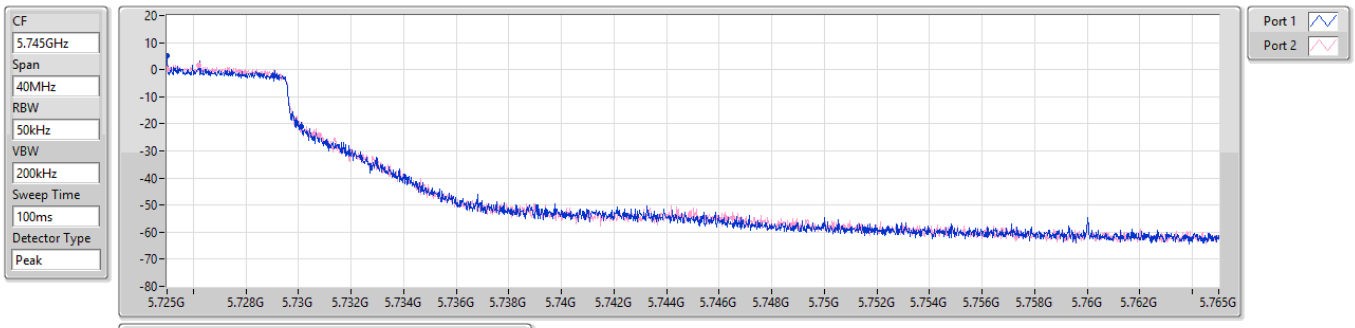


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.1M	5.725G	5.7291G	4.602M	5.725005G	5.729607G	500k	1
4.1M	5.725G	5.7291G	4.574M	5.72502G	5.729595G	500k	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

24/12/2022

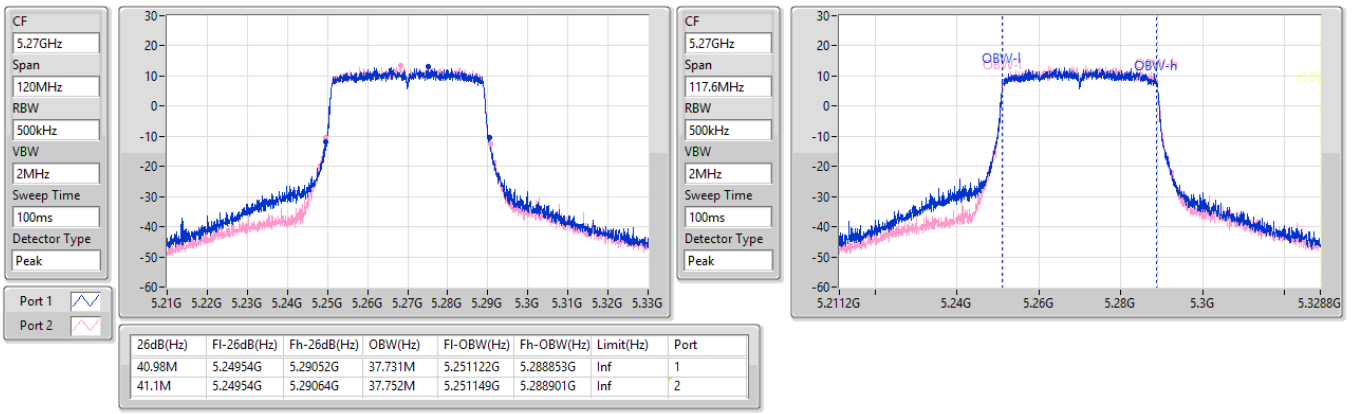


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.12M	5.725G	5.73012G	Inf	1
5.78M	5.725G	5.73078G	Inf	2

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5270MHz

24/12/2022

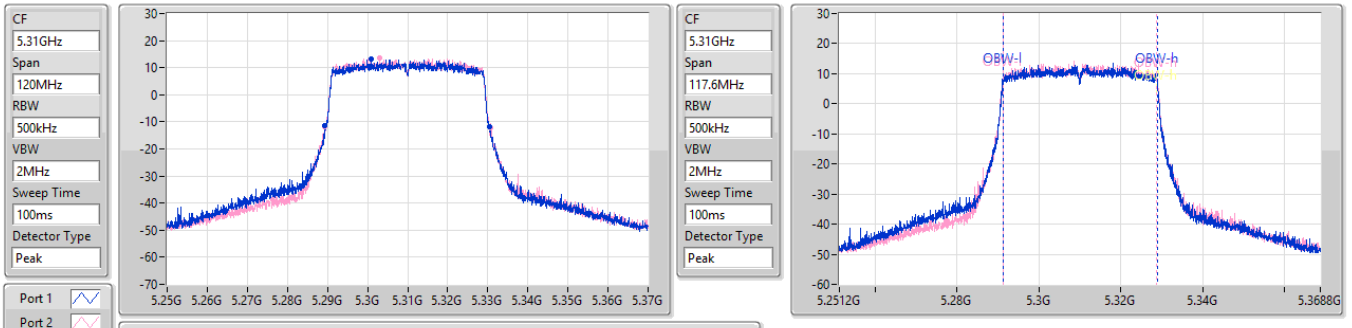


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.98M	5.24954G	5.29052G	37.731M	5.251122G	5.288853G	Inf	1
41.1M	5.24954G	5.29064G	37.752M	5.251149G	5.288901G	Inf	2

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5310MHz

24/12/2022

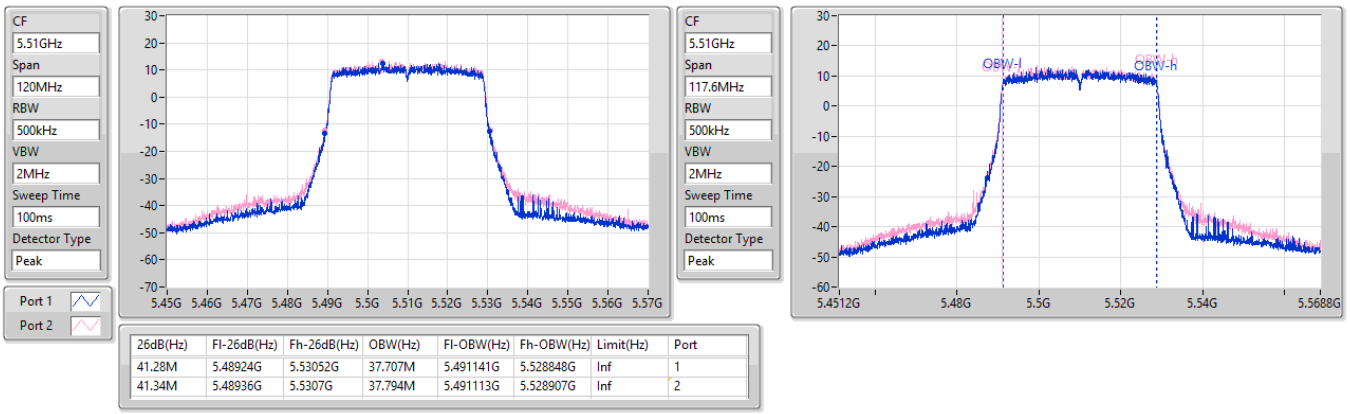


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.1M	5.28936G	5.33046G	37.734M	5.29114G	5.328874G	Inf	1
41.22M	5.28942G	5.33064G	37.699M	5.291163G	5.328863G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5510MHz

24/12/2022

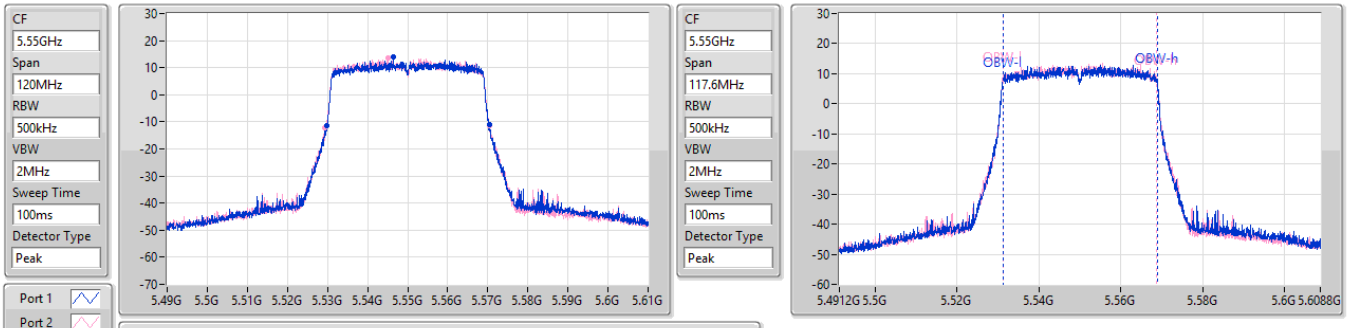


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.28M	5.48924G	5.53052G	37.707M	5.491141G	5.528848G	Inf	1
41.34M	5.48936G	5.5307G	37.794M	5.491113G	5.528907G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5550MHz

24/12/2022

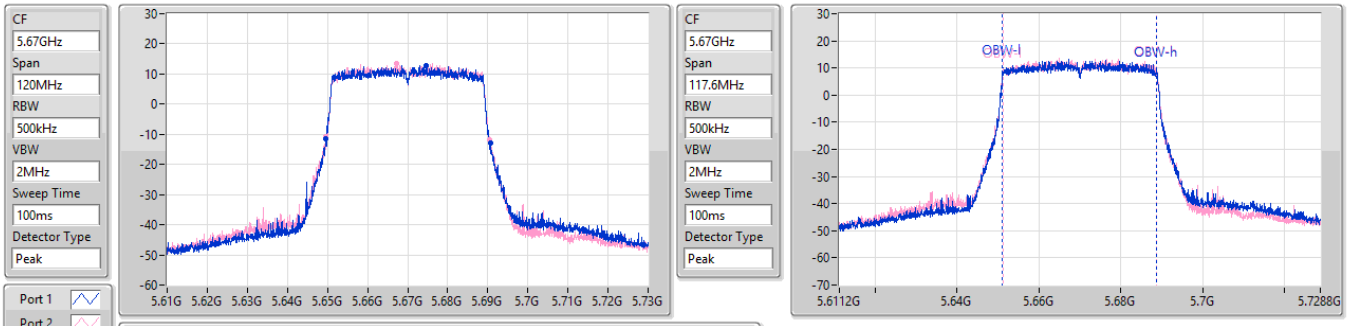


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.52972G	5.57052G	37.737M	5.531162G	5.568899G	Inf	1
40.92M	5.52942G	5.57034G	37.712M	5.531148G	5.56886G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5670MHz

24/12/2022

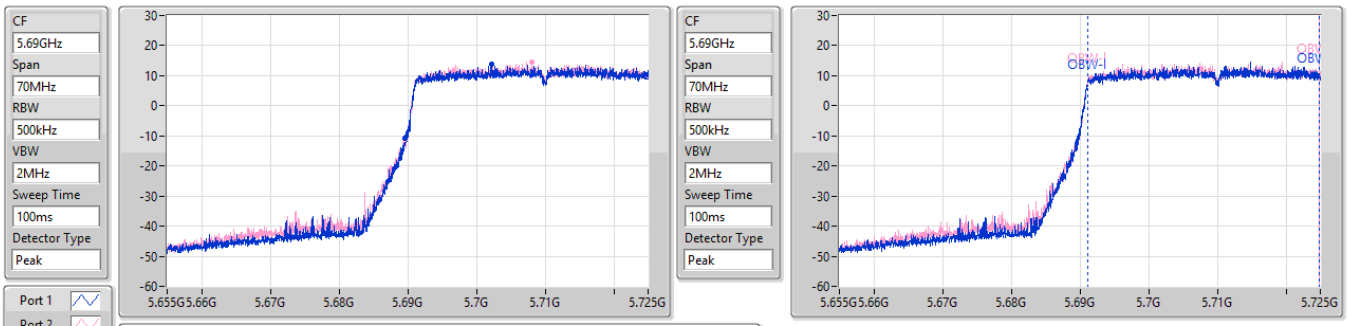


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.04M	5.64954G	5.69058G	37.726M	5.651127G	5.688853G	Inf	1
40.92M	5.6496G	5.69052G	37.671M	5.651187G	5.688858G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.47-5.725GHz

24/12/2022

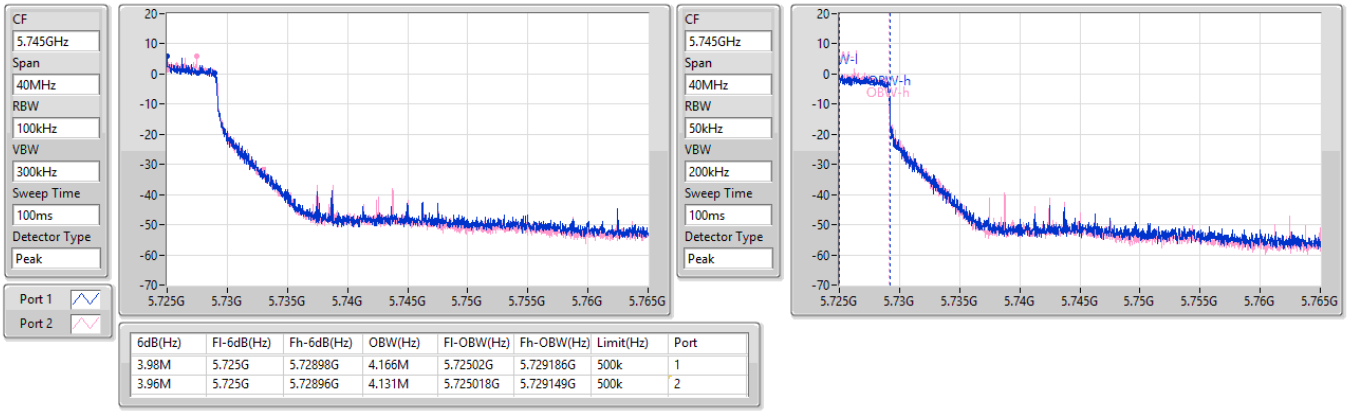


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.385M	5.689615G	5.725G	33.643M	5.691135G	5.724779G	Inf	1
35.42M	5.68958G	5.725G	33.672M	5.69114G	5.724812G	Inf	2

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.725-5.85GHz

24/12/2022

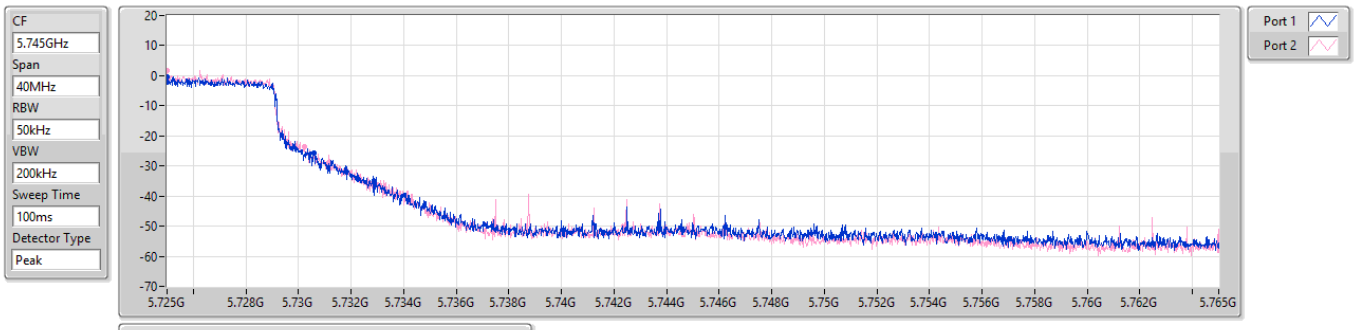


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.98M	5.725G	5.72898G	4.166M	5.72502G	5.729186G	500k	1
3.96M	5.725G	5.72896G	4.131M	5.725018G	5.729149G	500k	2

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.725-5.85GHz

24/12/2022

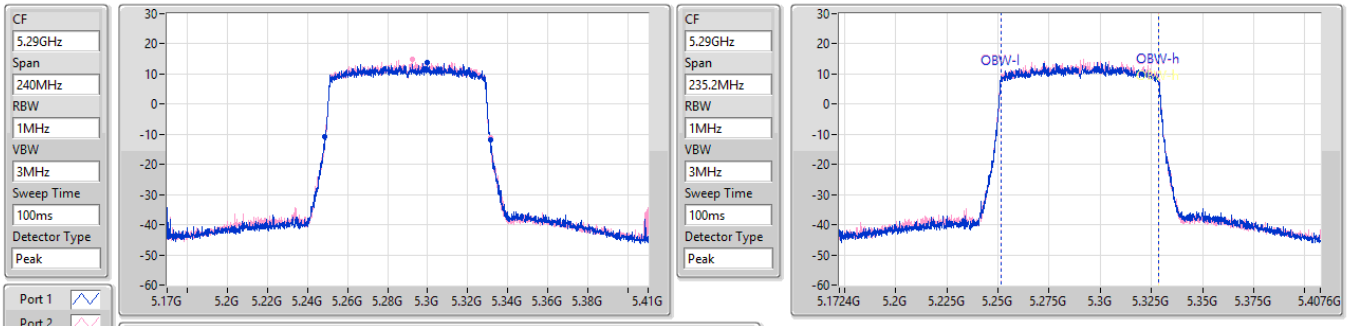


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.6M	5.725G	5.7306G	Inf	1
5.24M	5.725G	5.73024G	Inf	2

5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5290MHz

24/12/2022

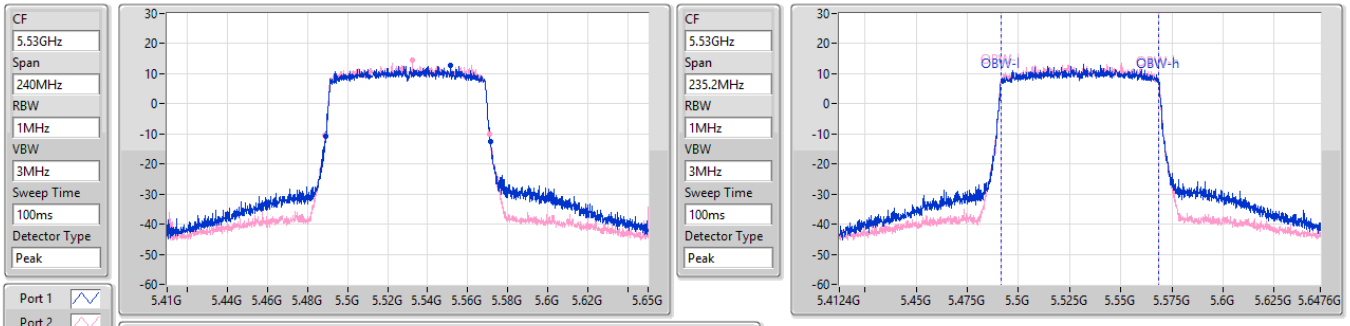


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.24884G	5.33116G	77.017M	5.251495G	5.328511G	Inf	1
82.68M	5.24848G	5.33116G	76.989M	5.251543G	5.328532G	Inf	2

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5530MHz

24/12/2022

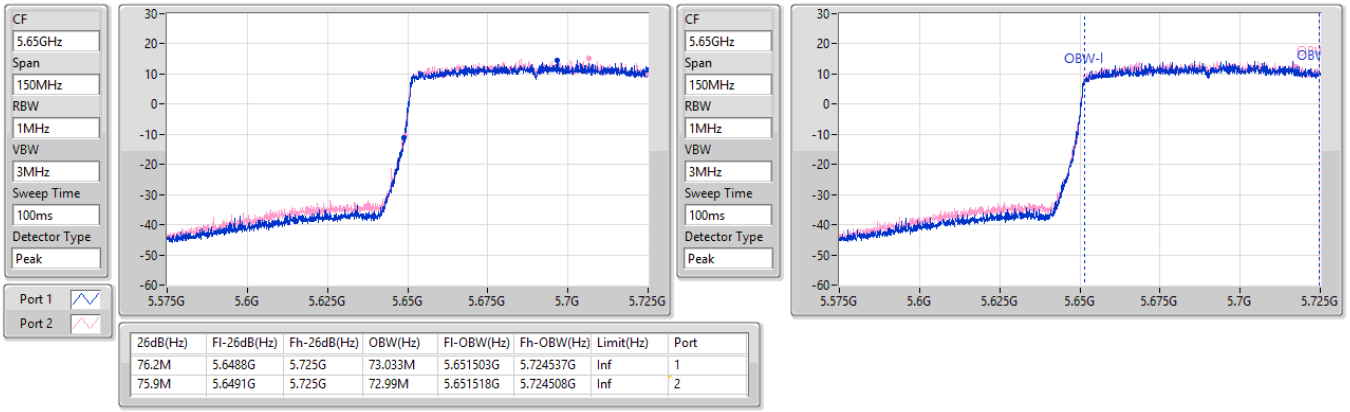


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.44M	5.48896G	5.5714G	77.142M	5.491443G	5.568585G	Inf	1
82.2M	5.48884G	5.57104G	77.118M	5.491458G	5.568576G	Inf	2

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5690MHz Straddle 5.47-5.725GHz

24/12/2022

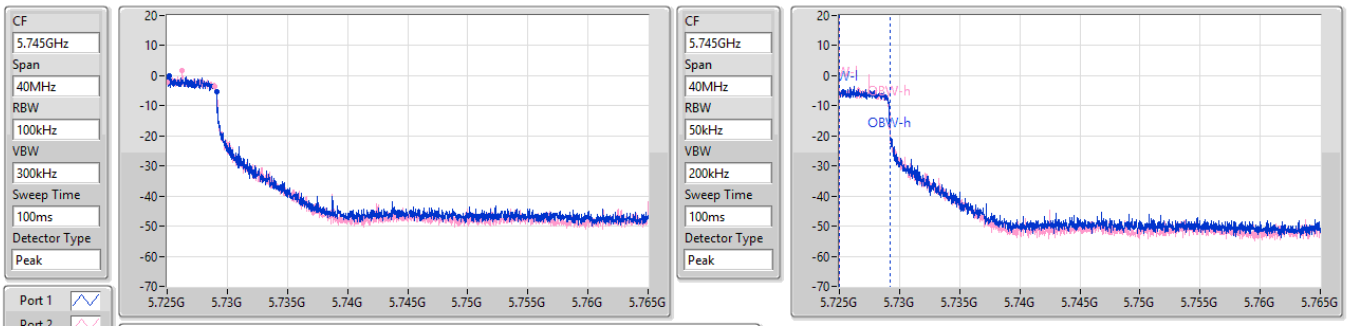


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.2M	5.6488G	5.725G	73.033M	5.651503G	5.724537G	Inf	1
75.9M	5.6491G	5.725G	72.99M	5.651518G	5.724508G	Inf	2

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5690MHz Straddle 5.725-5.85GHz

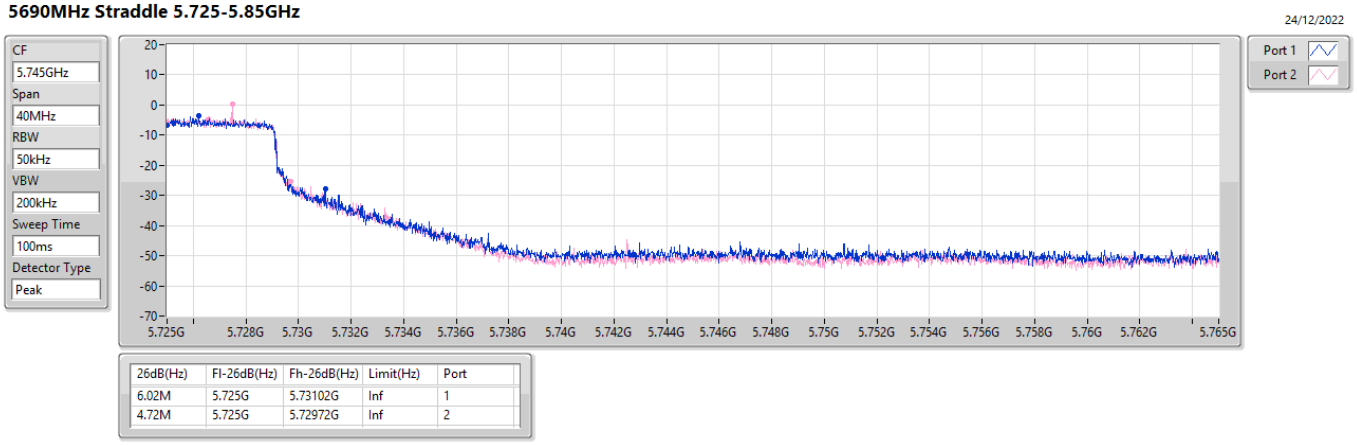
24/12/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.12M	5.725G	5.72912G	4.184M	5.725023G	5.729207G	500k	1
3.98M	5.725G	5.72898G	4.17M	5.72502G	5.72919G	500k	2

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

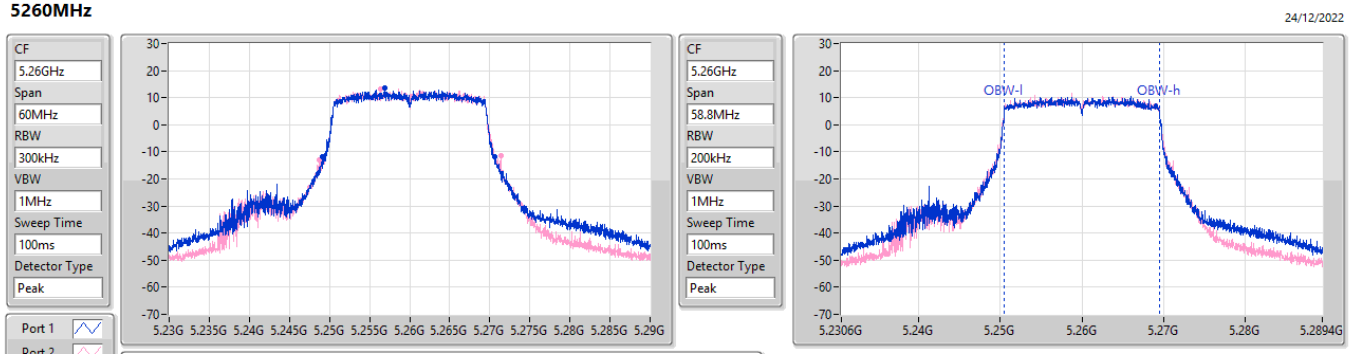
5690MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
6.02M	5.725G	5.73102G	Inf	1
4.72M	5.725G	5.72972G	Inf	2

5.25-5.35GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5260MHz

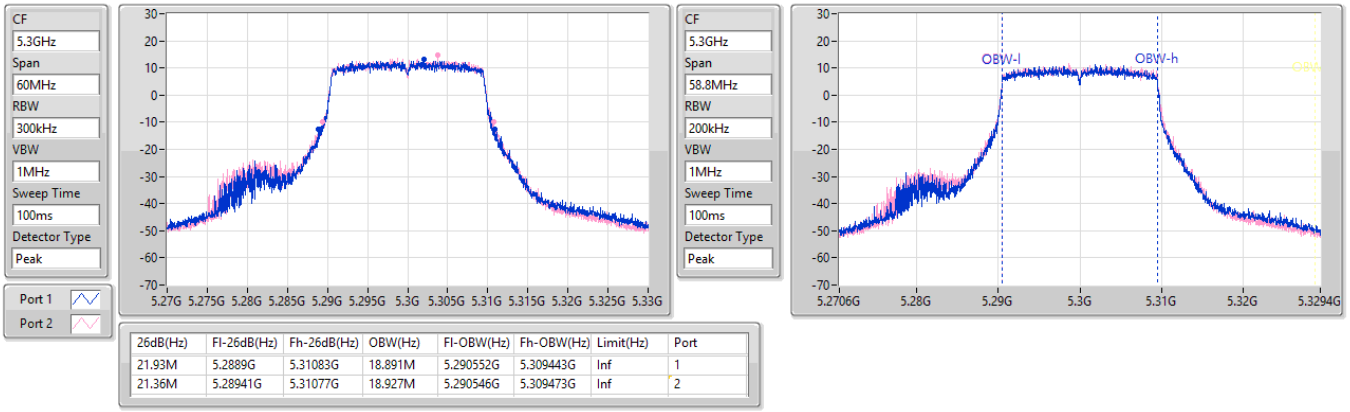


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.24908G	5.27059G	18.916M	5.250544G	5.26946G	Inf	1
22.59M	5.24878G	5.27137G	18.938M	5.250535G	5.269473G	Inf	2

5.25-5.35GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5300MHz

24/12/2022

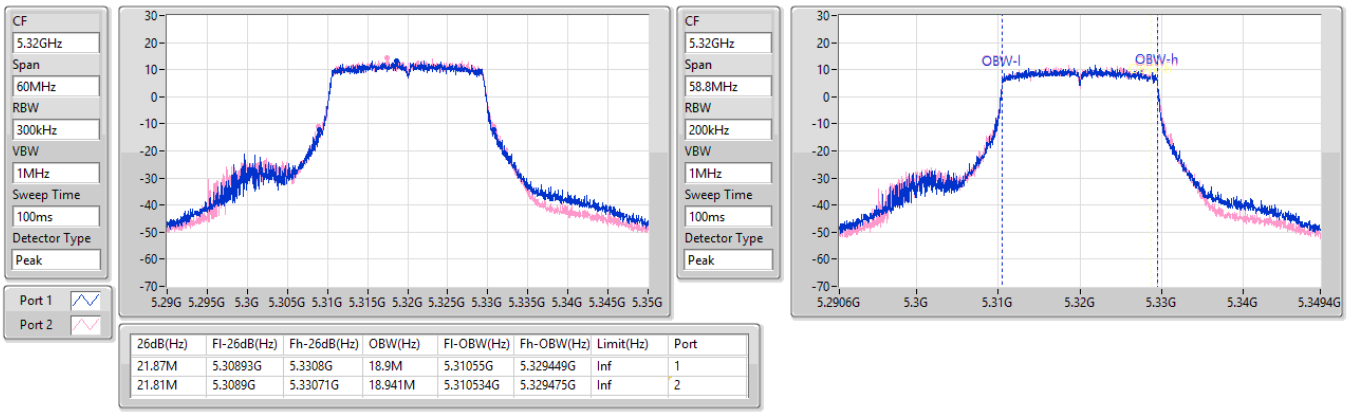


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.93M	5.2889G	5.31083G	18.891M	5.290552G	5.309443G	Inf	1
21.36M	5.28941G	5.31077G	18.927M	5.290546G	5.309473G	Inf	2

5.25-5.35GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5320MHz

24/12/2022

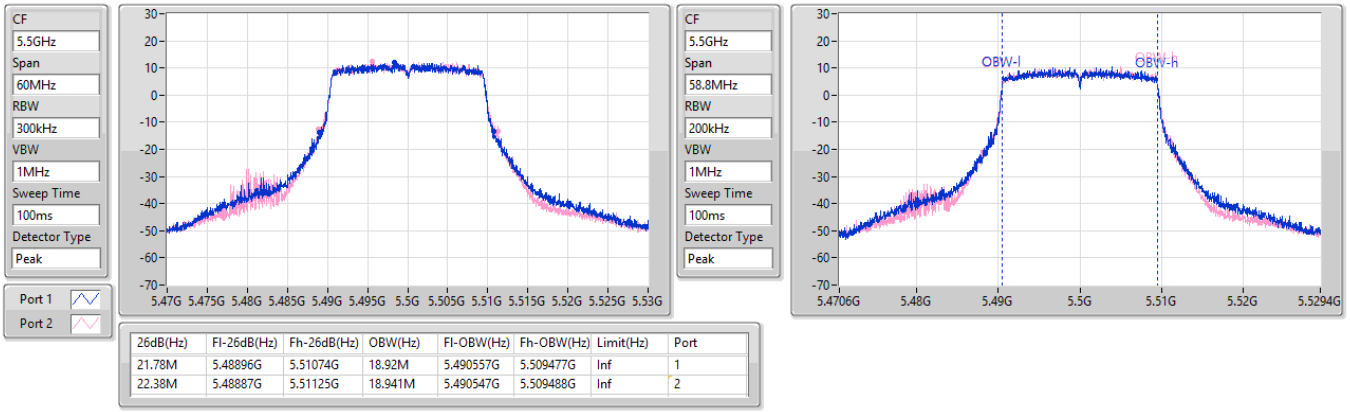


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.87M	5.30893G	5.3308G	18.9M	5.31055G	5.329449G	Inf	1
21.81M	5.3089G	5.33071G	18.941M	5.310534G	5.329475G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5500MHz

24/12/2022

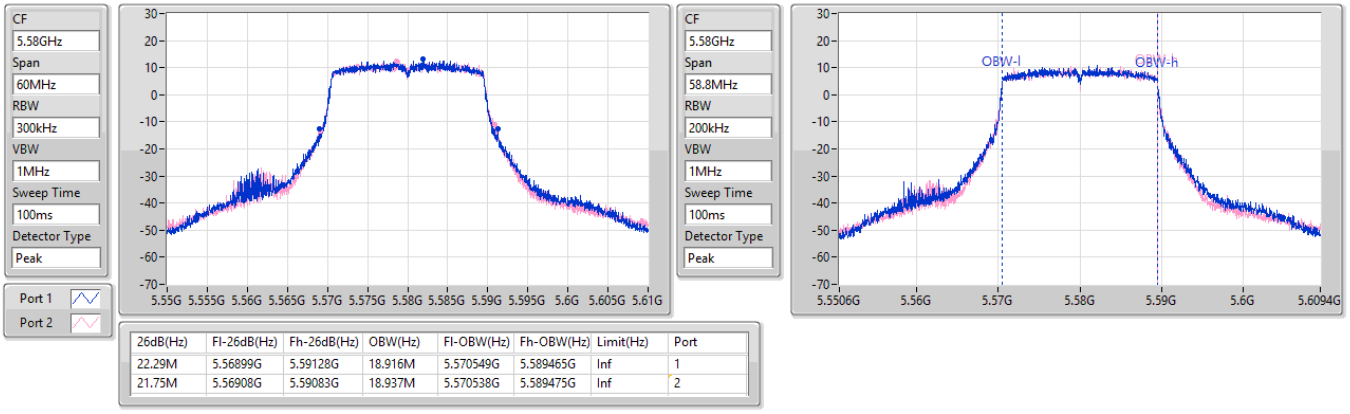


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	5.48896G	5.51074G	18.92M	5.490557G	5.509477G	Inf	1
22.38M	5.48887G	5.51125G	18.941M	5.490547G	5.509488G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5580MHz

24/12/2022

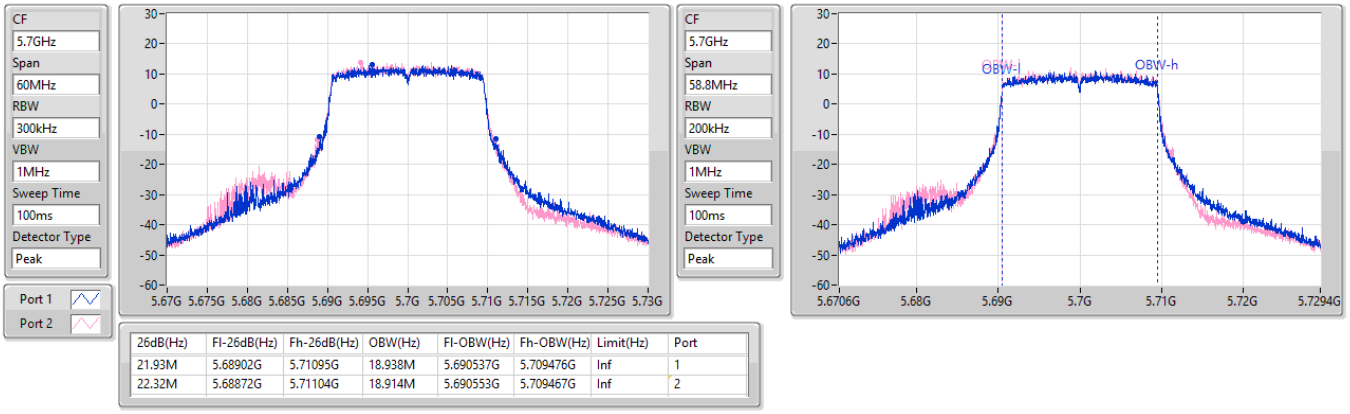


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.29M	5.56899G	5.59128G	18.916M	5.570549G	5.589465G	Inf	1
21.75M	5.56908G	5.59083G	18.937M	5.570538G	5.589475G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5700MHz

24/12/2022

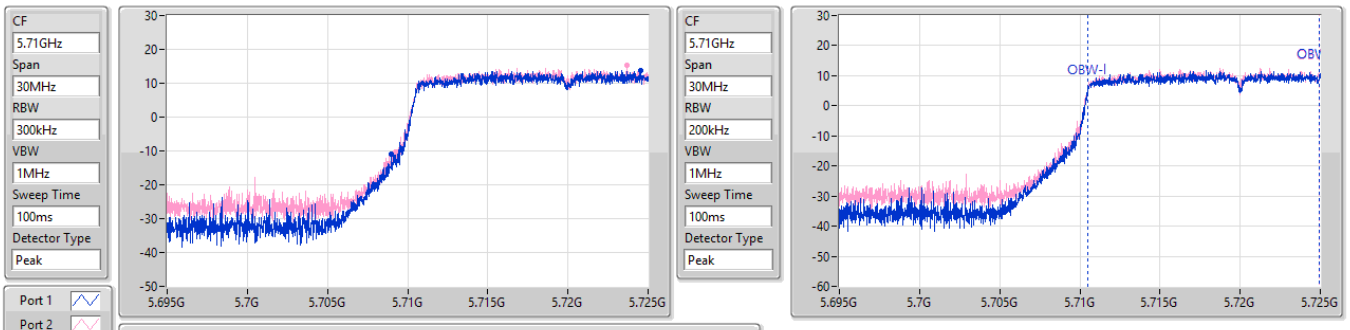


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.93M	5.68902G	5.71095G	18.938M	5.690537G	5.709476G	Inf	1
22.32M	5.68872G	5.71104G	18.914M	5.690553G	5.709467G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5720MHz Straddle 5.47-5.725GHz

24/12/2022

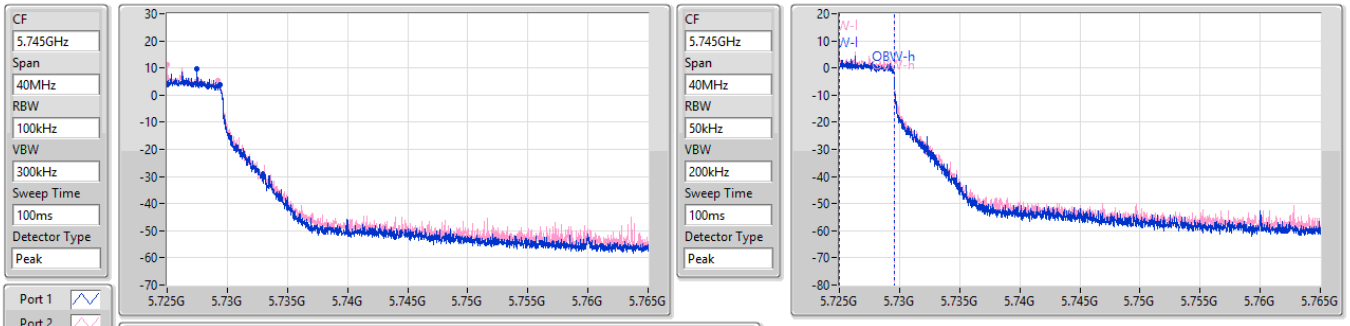


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.035M	5.708965G	5.725G	14.438M	5.710505G	5.724943G	Inf	1
15.78M	5.70922G	5.725G	14.44M	5.710492G	5.724932G	Inf	2

5.725-5.85GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

24/12/2022

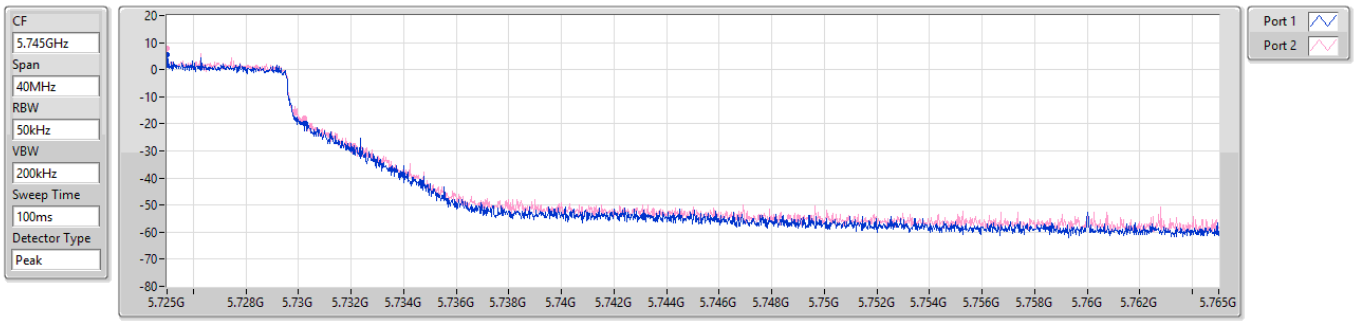


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.36M	5.725G	5.72936G	4.579M	5.725019G	5.729598G	500k	1
4.2M	5.72502G	5.72922G	4.605M	5.725005G	5.72961G	500k	2

5.725-5.85GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

24/12/2022

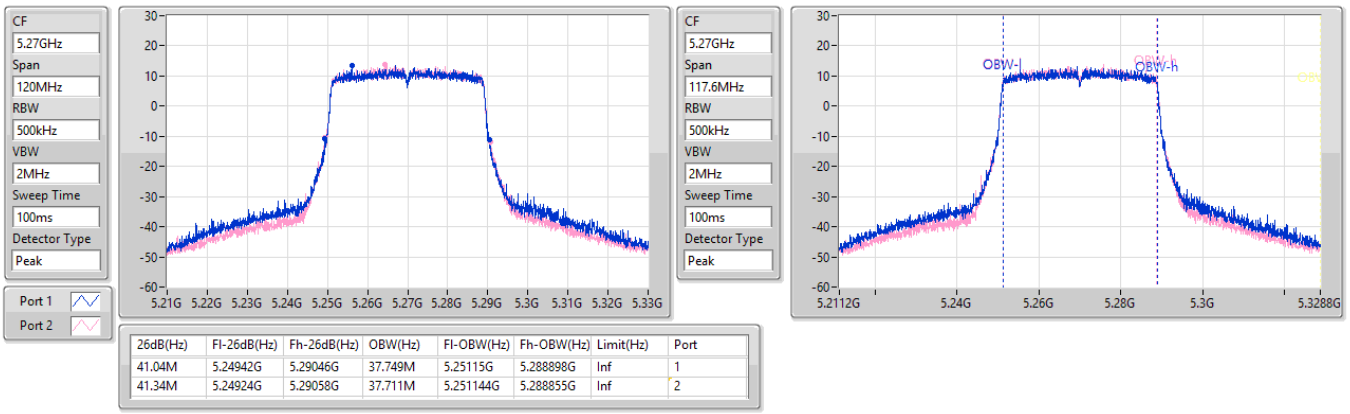


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.28M	5.725G	5.73028G	Inf	1
5.22M	5.725G	5.73022G	Inf	2

5.25-5.35GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5270MHz

24/12/2022

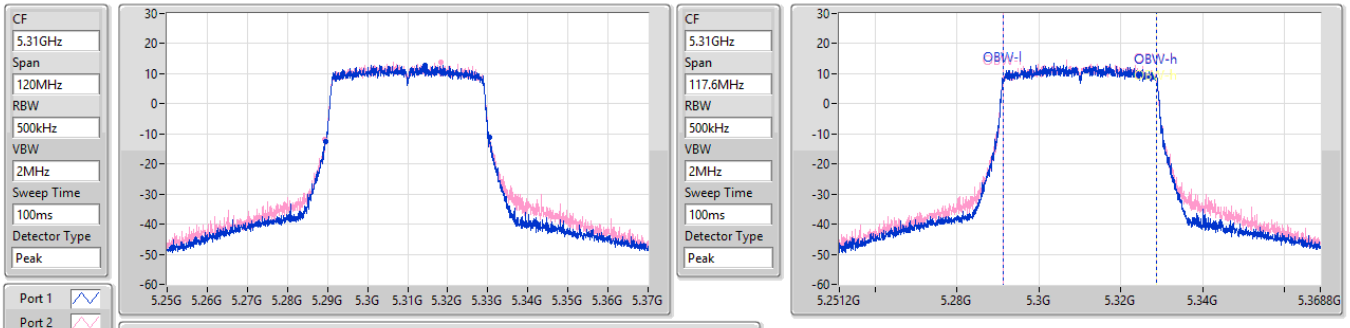


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.04M	5.24942G	5.29046G	37.749M	5.25115G	5.288898G	Inf	1
41.34M	5.24924G	5.29058G	37.711M	5.251144G	5.288855G	Inf	2

5.25-5.35GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5310MHz

24/12/2022

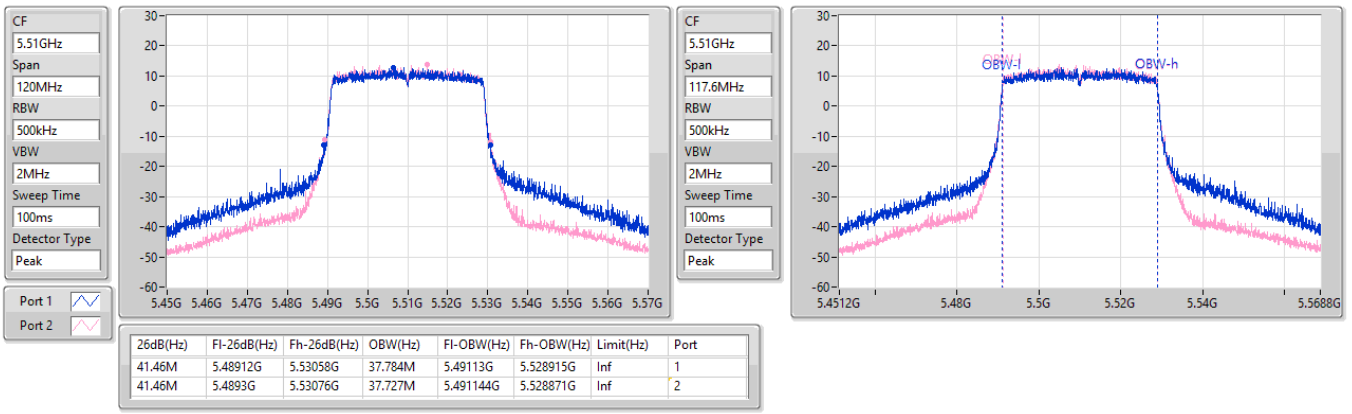


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.04M	5.28948G	5.33052G	37.717M	5.291139G	5.328856G	Inf	1
41.04M	5.2893G	5.33034G	37.688M	5.291146G	5.328834G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5510MHz

24/12/2022

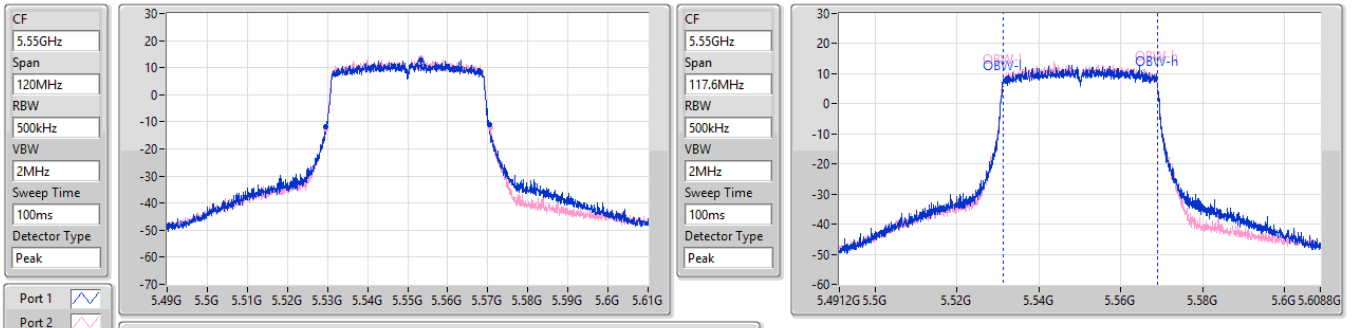


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.46M	5.48912G	5.53058G	37.784M	5.49113G	5.528915G	Inf	1
41.46M	5.4893G	5.53076G	37.727M	5.491144G	5.528871G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5550MHz

24/12/2022

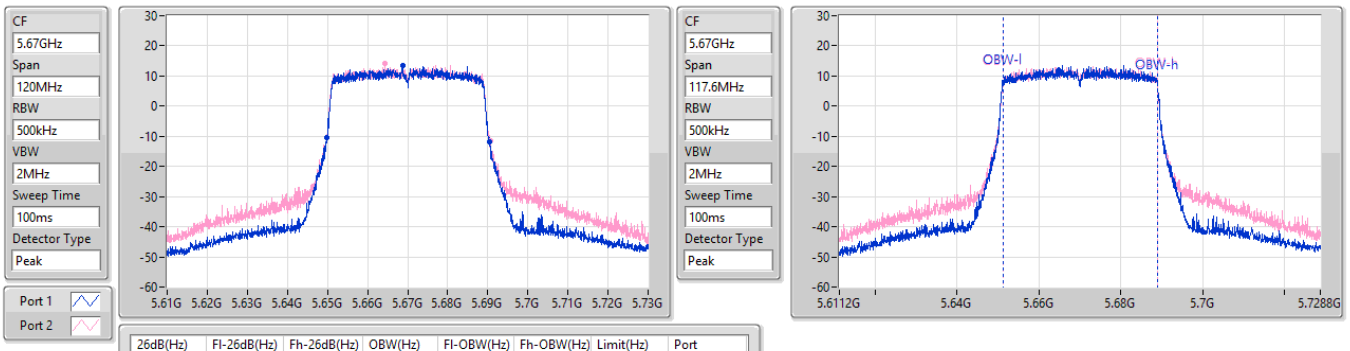


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.86M	5.52948G	5.57034G	37.703M	5.531183G	5.568885G	Inf	1
41.04M	5.52966G	5.5707G	37.749M	5.531166G	5.568915G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5670MHz

24/12/2022

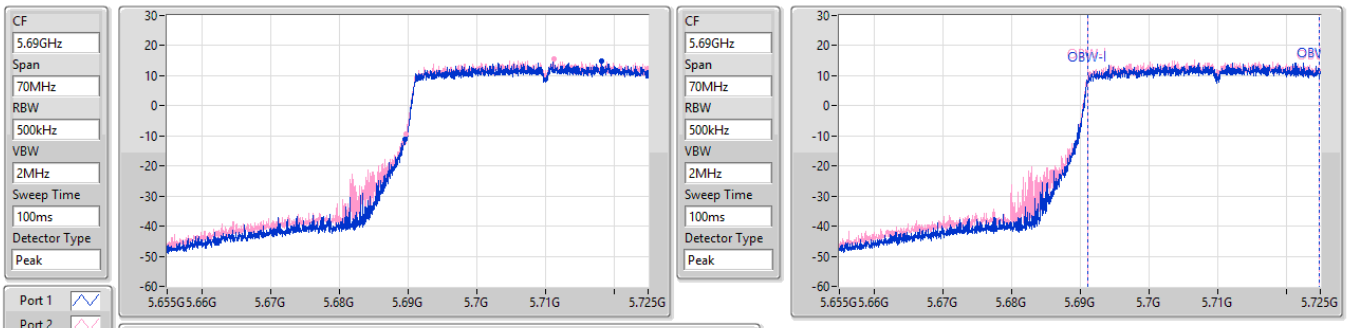


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.64972G	5.69046G	37.737M	5.65114G	5.688877G	Inf	1
40.86M	5.64972G	5.69058G	37.746M	5.651149G	5.688895G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5710MHz Straddle 5.47-5.725GHz

24/12/2022

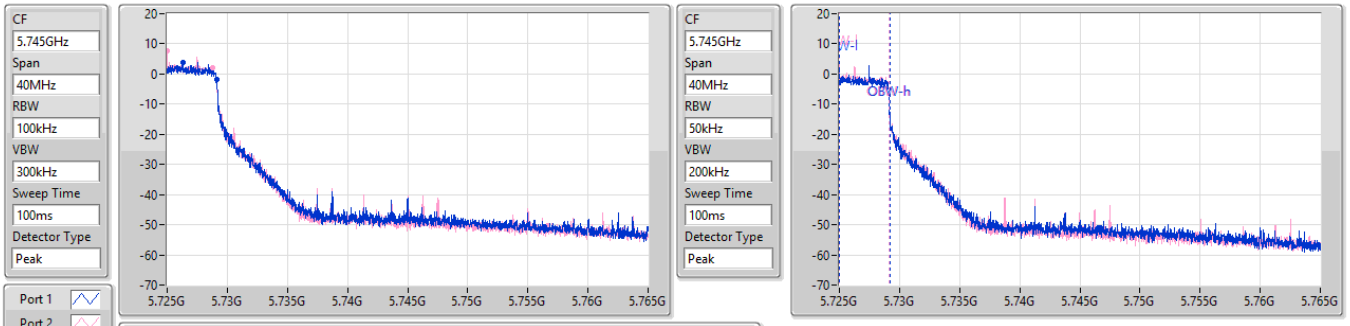


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.42M	5.68958G	5.725G	33.676M	5.691123G	5.7248G	Inf	1
35.28M	5.68972G	5.725G	33.699M	5.691108G	5.724807G	Inf	2

5.725-5.85GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5710MHz Straddle 5.725-5.85GHz

24/12/2022

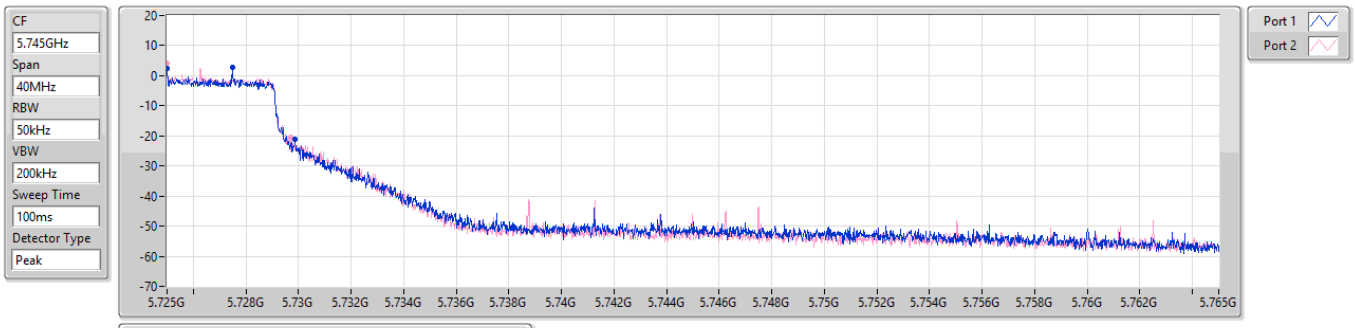


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.1M	5.725G	5.7291G	4.181M	5.725007G	5.729188G	500k	1
3.76M	5.725G	5.72876G	4.155M	5.725005G	5.72916G	500k	2

5.725-5.85GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5710MHz Straddle 5.725-5.85GHz

24/12/2022

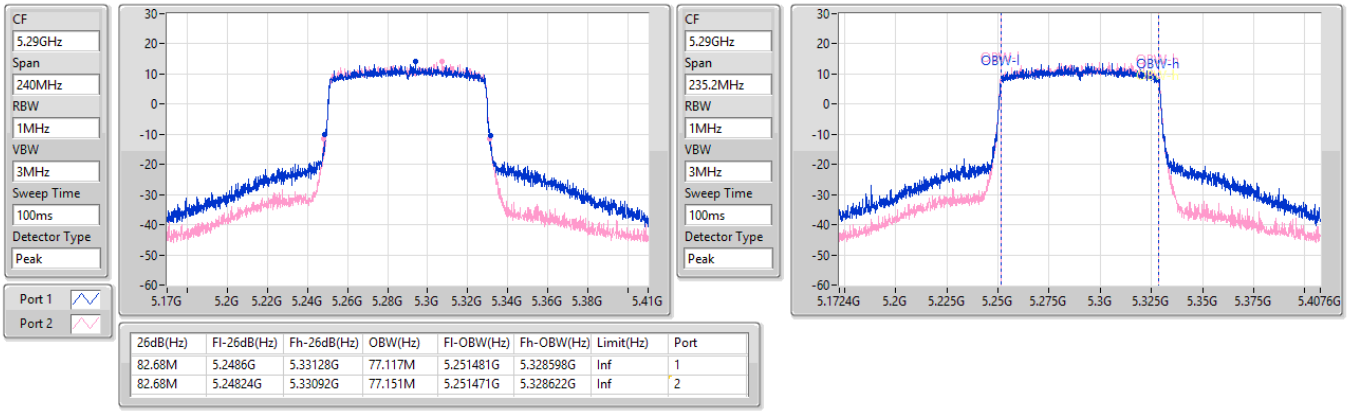


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.88M	5.725G	5.72988G	Inf	1
4.72M	5.725G	5.72972G	Inf	2

5.25-5.35GHz_802.11ax HEW80_Nss2,(MCS0)_2TX **EBW**

5290MHz

24/12/2022

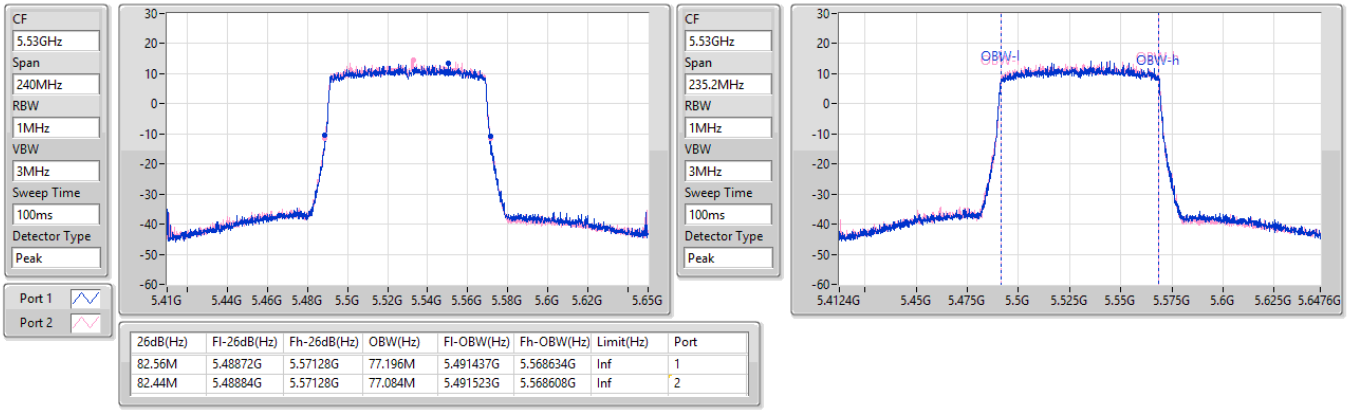


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.68M	5.2486G	5.33128G	77.117M	5.251481G	5.328598G	Inf	1
82.68M	5.24824G	5.33092G	77.151M	5.251471G	5.328622G	Inf	2

5.47-5.725GHz_802.11ax HEW80_Nss2,(MCS0)_2TX **EBW**

5530MHz

24/12/2022

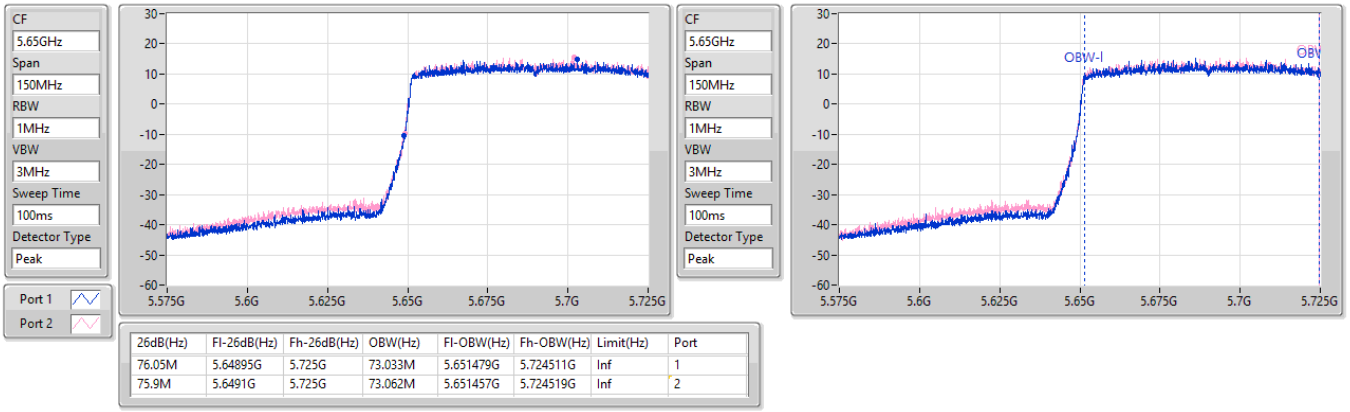


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.56M	5.48872G	5.57128G	77.196M	5.491437G	5.568634G	Inf	1
82.44M	5.48884G	5.57128G	77.084M	5.491523G	5.568608G	Inf	2

5.47-5.725GHz_802.11ax HEW80_Nss2,(MCS0)_2TX **EBW**

5690MHz Straddle 5.47-5.725GHz

24/12/2022

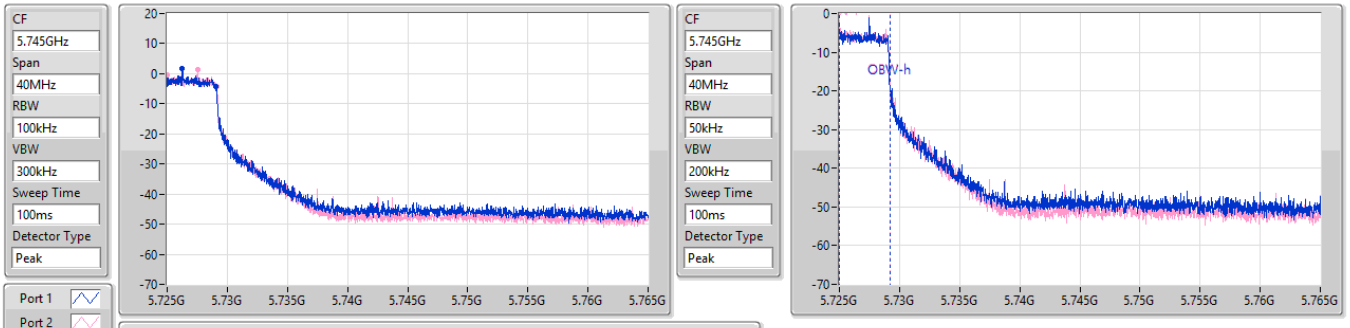


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.05M	5.64895G	5.725G	73.033M	5.651479G	5.724511G	Inf	1
75.9M	5.6491G	5.725G	73.062M	5.651457G	5.724519G	Inf	2

5.725-5.85GHz_802.11ax HEW80_Nss2,(MCS0)_2TX **EBW**

5690MHz Straddle 5.725-5.85GHz

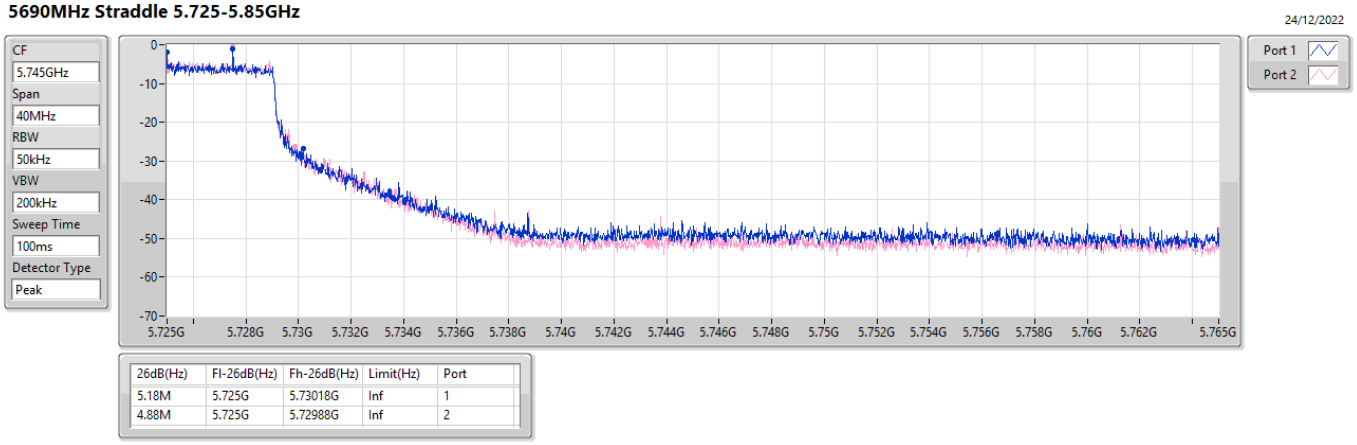
24/12/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.06M	5.725G	5.72906G	4.231M	5.725008G	5.729238G	500k	1
4.1M	5.725G	5.7291G	4.184M	5.725023G	5.729207G	500k	2

5.725-5.85GHz_802.11ax HEW80_Nss2,(MCS0)_2TX **EBW**

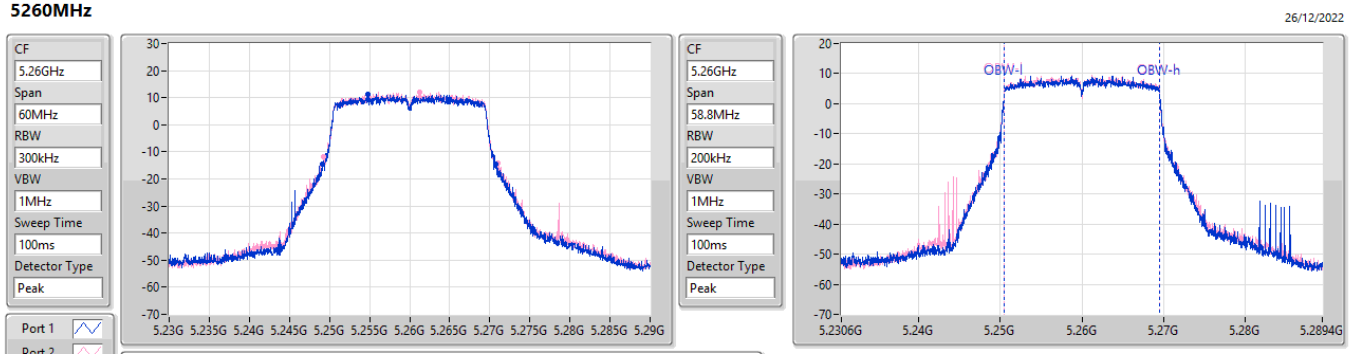
5690MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.18M	5.725G	5.73018G	Inf	1
4.88M	5.725G	5.72988G	Inf	2

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5260MHz

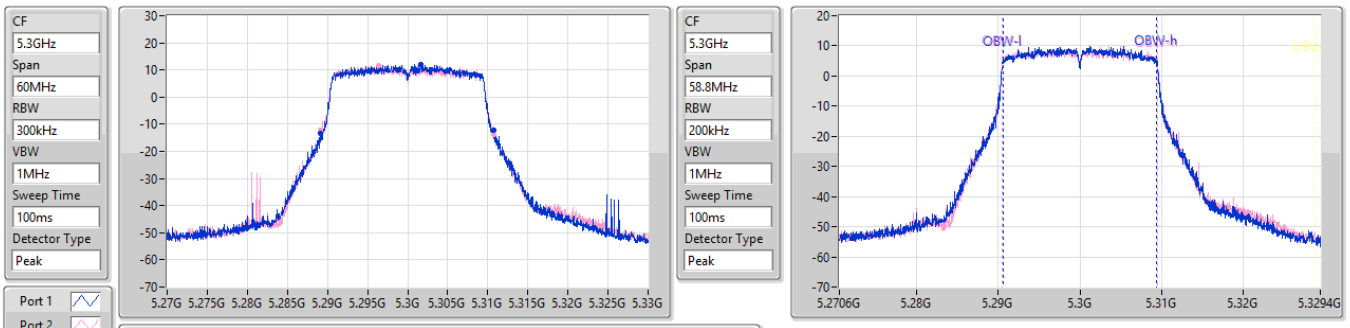


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.24908G	5.27074G	18.911M	5.250553G	5.269464G	Inf	1
21.72M	5.24923G	5.27095G	18.892M	5.250564G	5.269456G	Inf	2

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5300MHz

26/12/2022

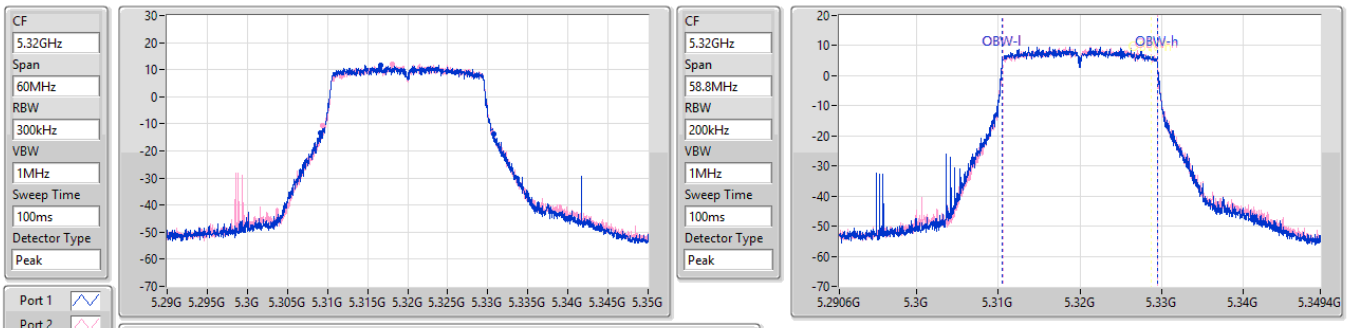


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.28911G	5.31077G	18.849M	5.290575G	5.309424G	Inf	1
21.54M	5.28917G	5.31071G	18.927M	5.290552G	5.309479G	Inf	2

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5320MHz

26/12/2022

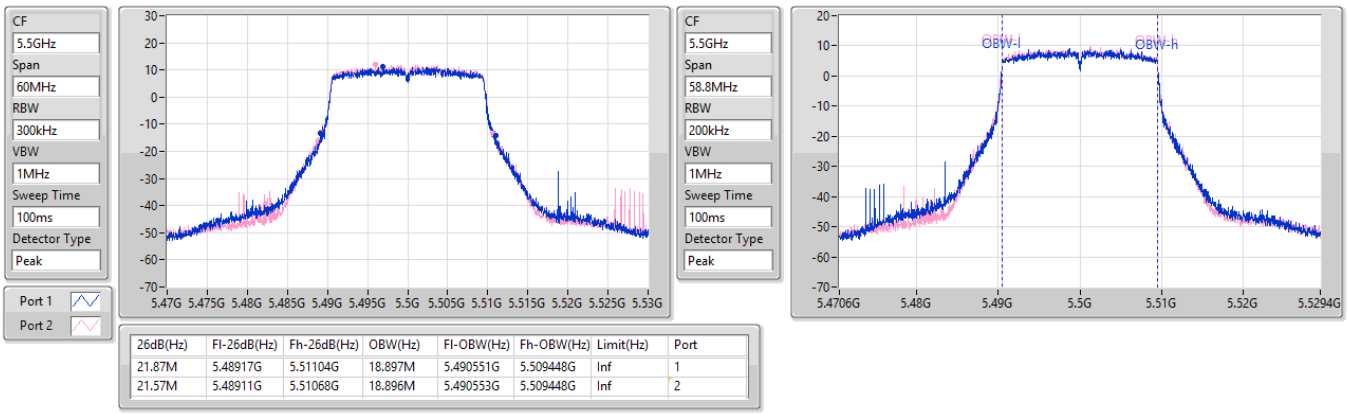


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.30908G	5.33077G	18.913M	5.310533G	5.329446G	Inf	1
21.33M	5.30935G	5.33068G	18.876M	5.310574G	5.32945G	Inf	2

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5500MHz

26/12/2022

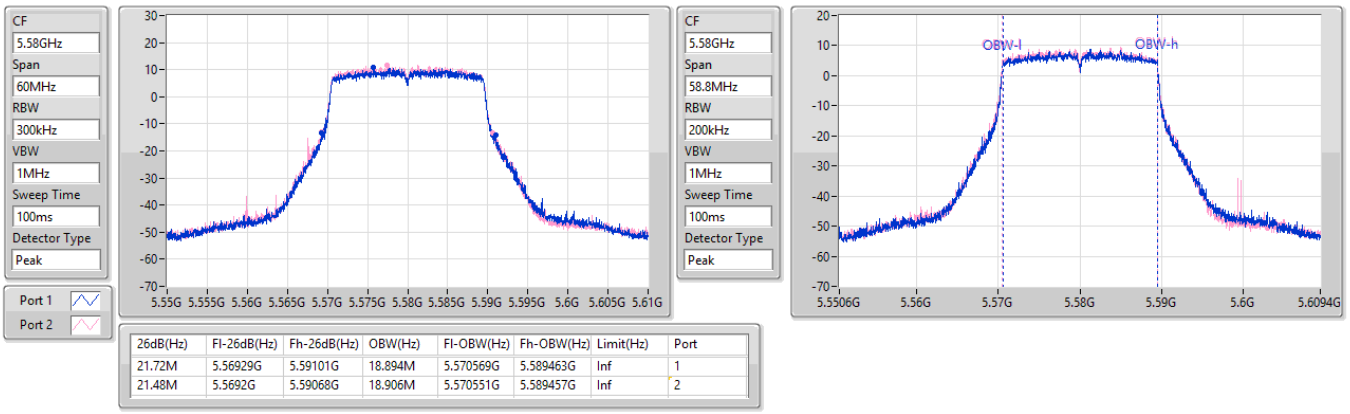


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.87M	5.48917G	5.51104G	18.897M	5.490551G	5.509448G	Inf	1
21.57M	5.48911G	5.51068G	18.896M	5.490553G	5.509448G	Inf	2

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5580MHz

26/12/2022

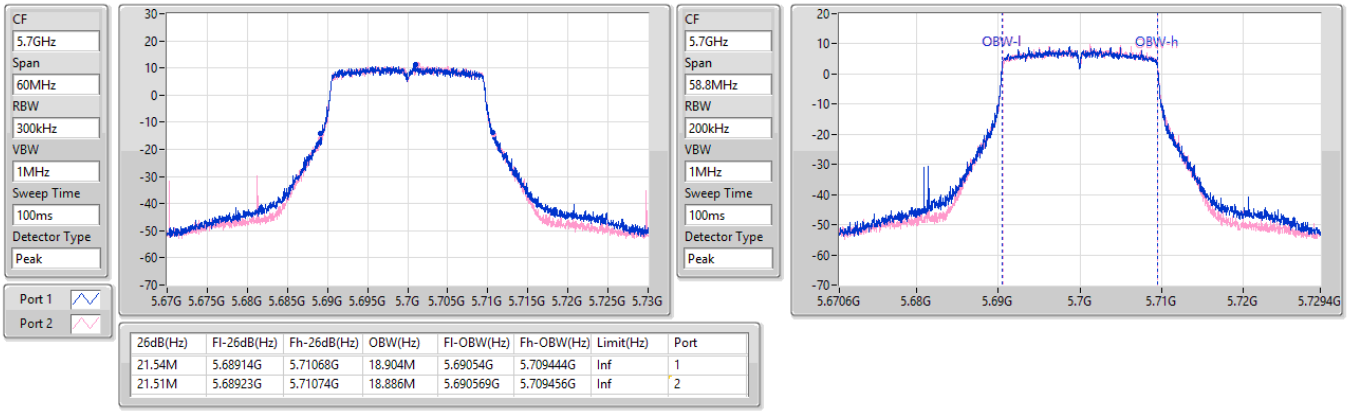


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.56929G	5.59101G	18.894M	5.570569G	5.589463G	Inf	1
21.48M	5.5692G	5.59068G	18.906M	5.570551G	5.589457G	Inf	2

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5700MHz

26/12/2022

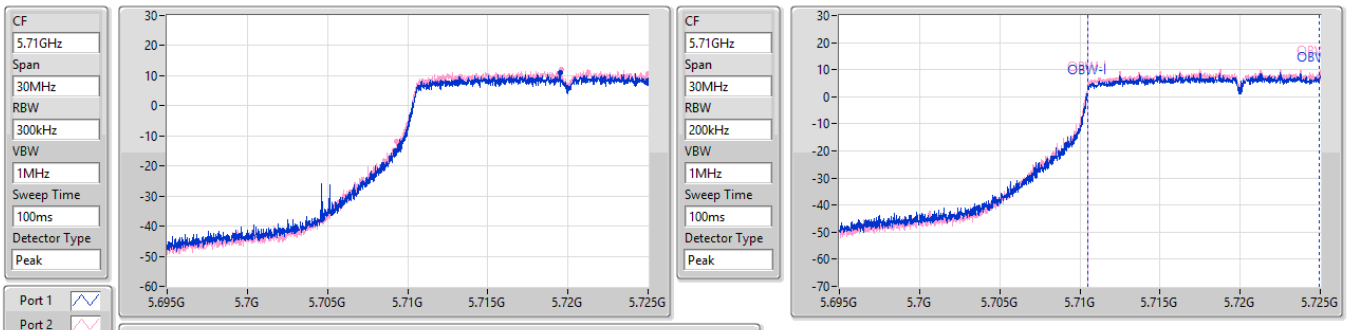


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.68914G	5.71068G	18.904M	5.69054G	5.709444G	Inf	1
21.51M	5.68923G	5.71074G	18.886M	5.690569G	5.709456G	Inf	2

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.47-5.725GHz

26/12/2022

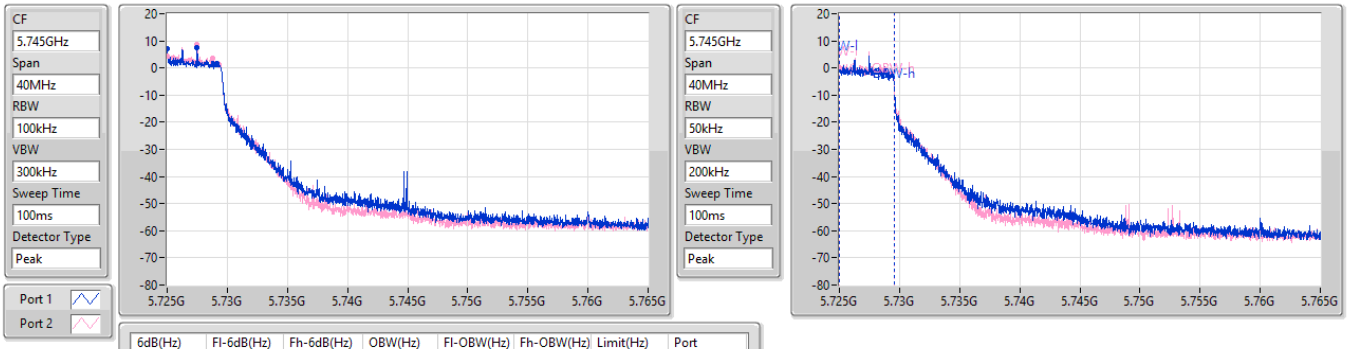


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.75M	5.70925G	5.725G	14.433M	5.710513G	5.724946G	Inf	1
15.705M	5.709295G	5.725G	14.436M	5.710509G	5.724945G	Inf	2

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

26/12/2022

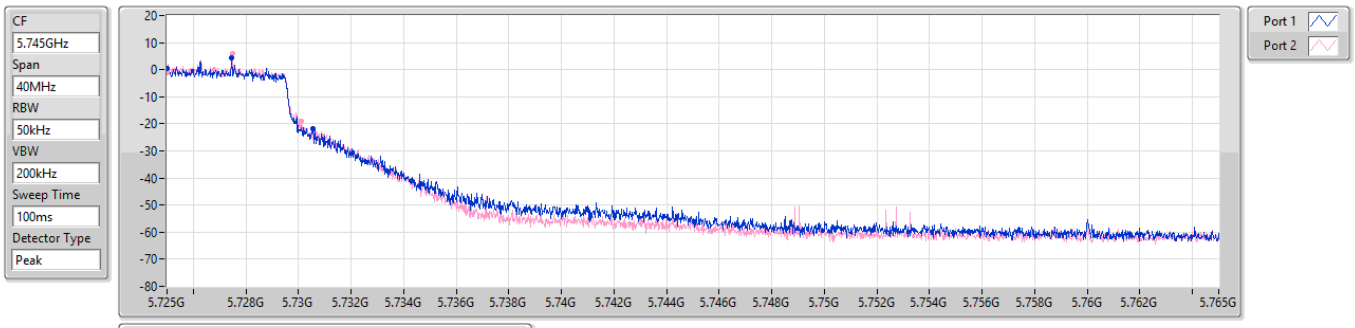


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.12M	5.725G	5.72912G	4.583M	5.725015G	5.729599G	500k	1
3.78M	5.725G	5.72878G	4.568M	5.725025G	5.729593G	500k	2

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

26/12/2022

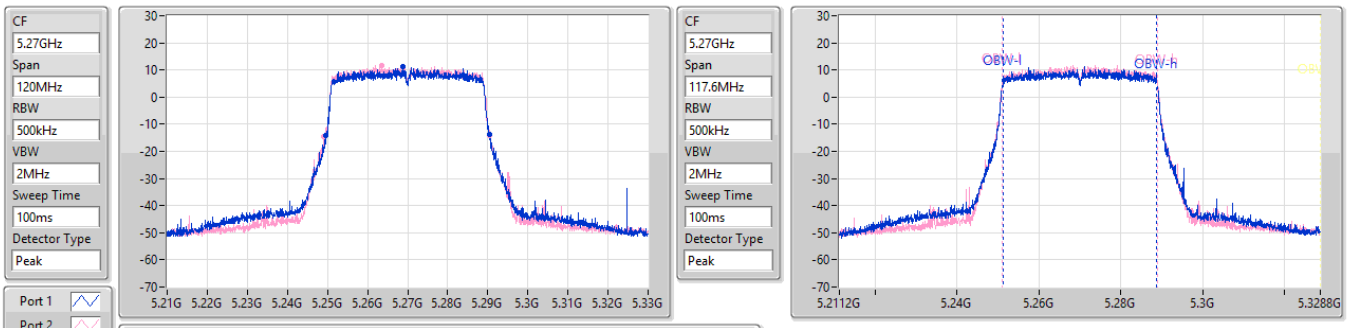


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.54M	5.725G	5.73054G	Inf	1
5.1M	5.725G	5.7301G	Inf	2

5.25-5.35GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5270MHz

26/12/2022

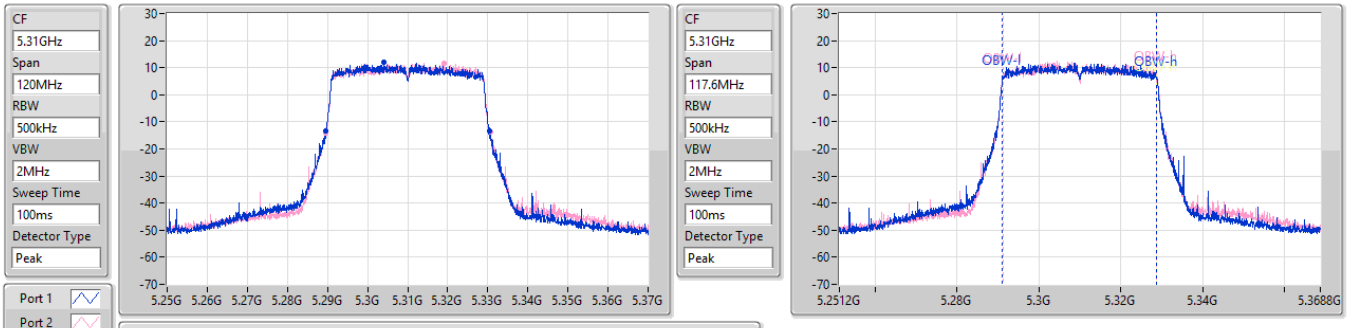


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.98M	5.24954G	5.29052G	37.718M	5.251143G	5.288861G	Inf	1
41.4M	5.24912G	5.29052G	37.768M	5.251128G	5.288896G	Inf	2

5.25-5.35GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5310MHz

26/12/2022

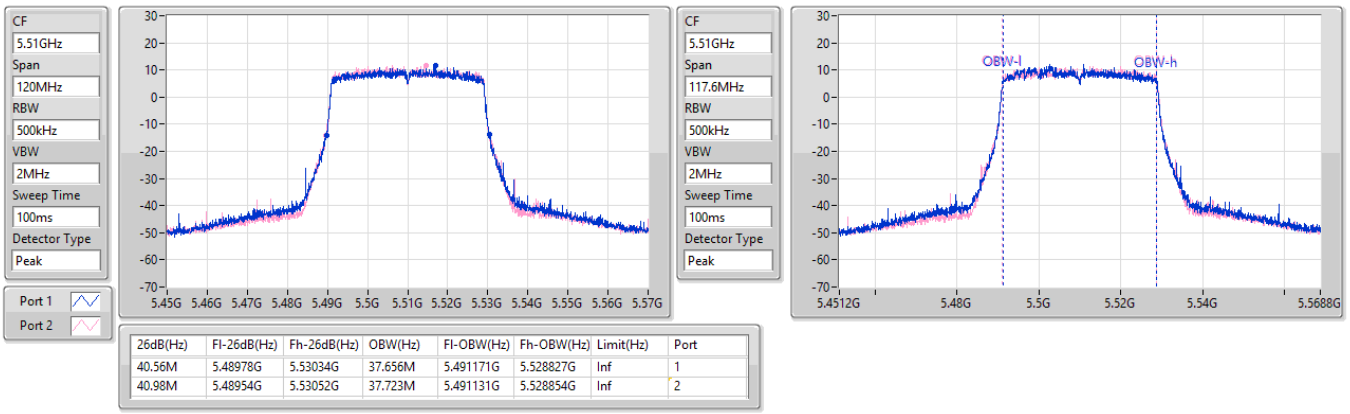


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.28966G	5.33046G	37.705M	5.291124G	5.328829G	Inf	1
41.16M	5.28954G	5.3307G	37.68M	5.291146G	5.328826G	Inf	2

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5510MHz

26/12/2022

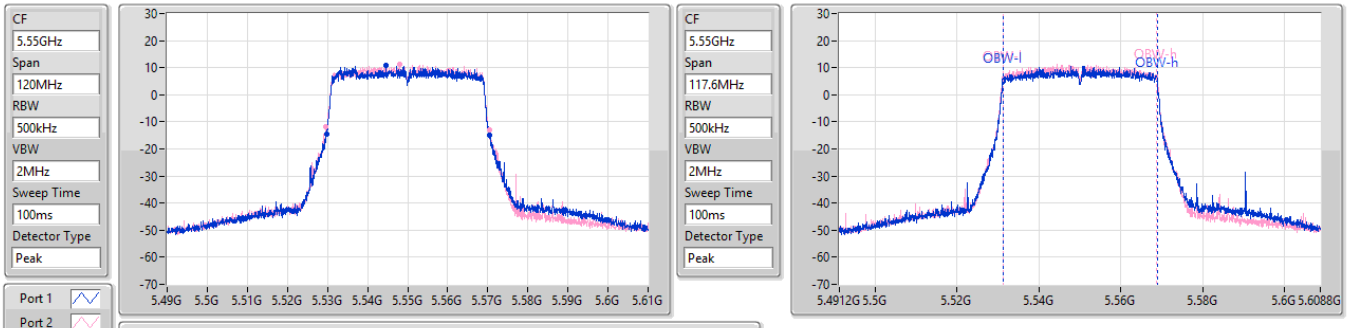


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.56M	5.48978G	5.53034G	37.656M	5.491171G	5.528827G	Inf	1
40.98M	5.48954G	5.53052G	37.723M	5.491131G	5.528854G	Inf	2

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5550MHz

26/12/2022

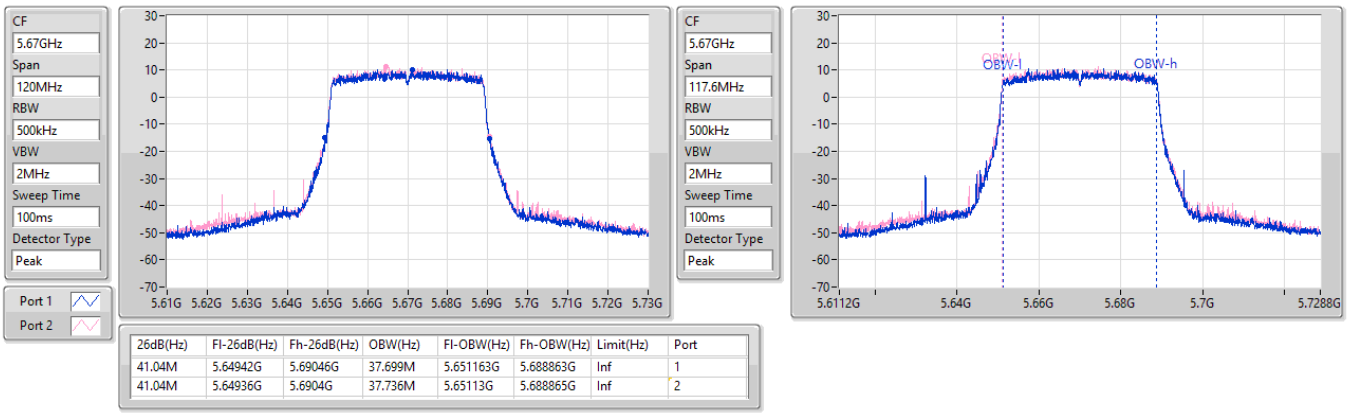


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.52972G	5.57046G	37.741M	5.531138G	5.568878G	Inf	1
40.86M	5.52966G	5.57052G	37.725M	5.531141G	5.568865G	Inf	2

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5670MHz

26/12/2022

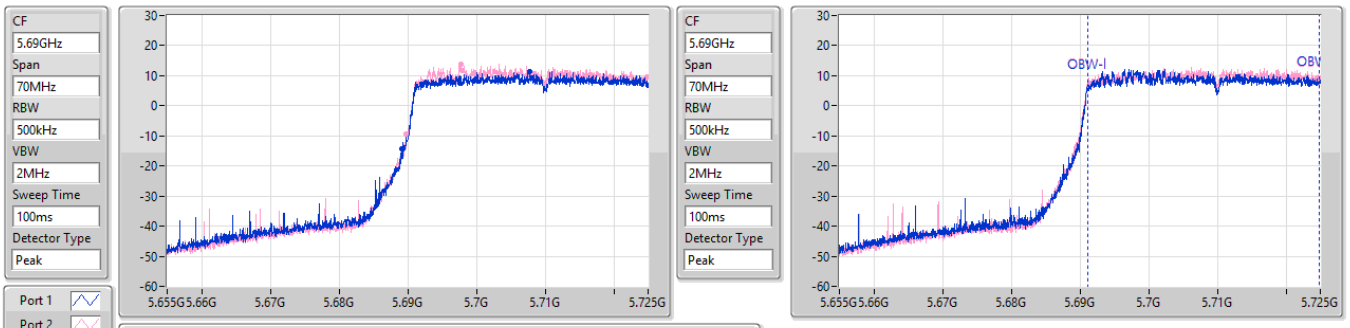


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.04M	5.64942G	5.69046G	37.699M	5.651163G	5.688863G	Inf	1
41.04M	5.64936G	5.6904G	37.736M	5.65113G	5.688865G	Inf	2

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.47-5.725GHz

26/12/2022

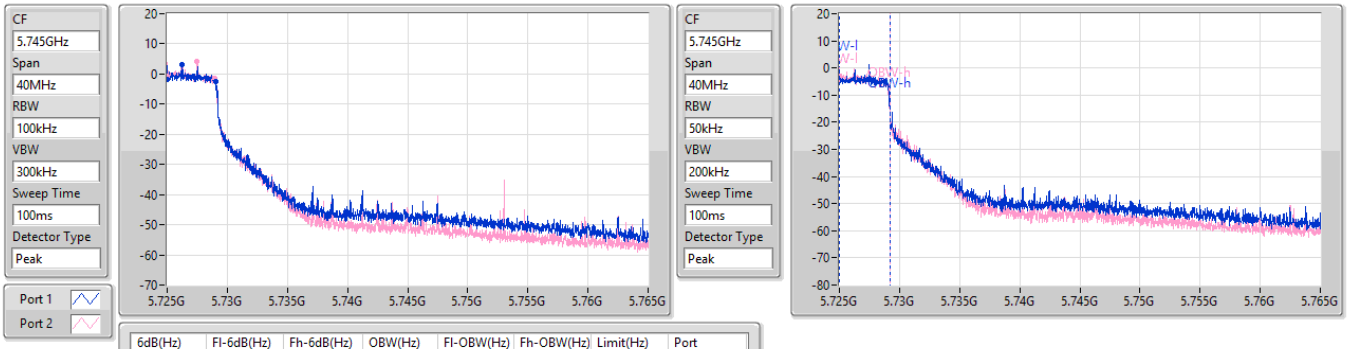


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.91M	5.68909G	5.725G	33.695M	5.691107G	5.724802G	Inf	1
35.21M	5.68979G	5.725G	33.663M	5.691122G	5.724785G	Inf	2

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.725-5.85GHz

26/12/2022

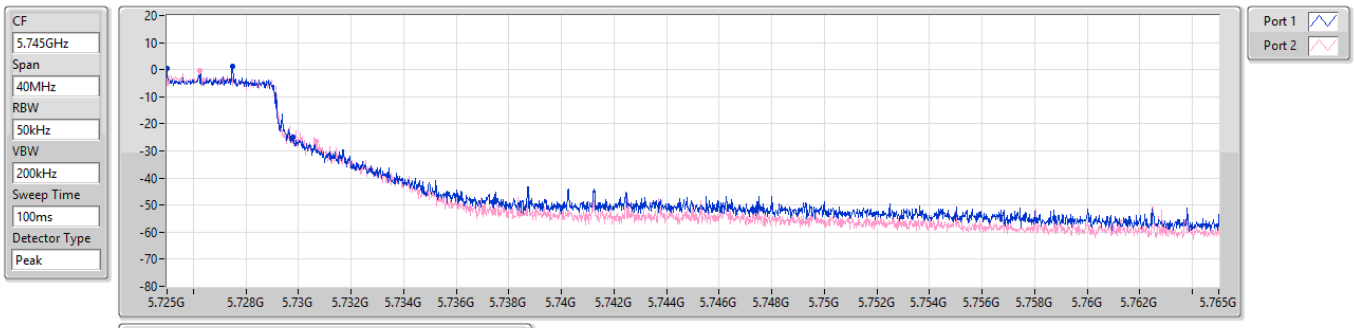


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.04M	5.725G	5.72904G	4.182M	5.725006G	5.729188G	500k	1
3.92M	5.725G	5.72892G	4.169M	5.725023G	5.729192G	500k	2

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.725-5.85GHz

26/12/2022

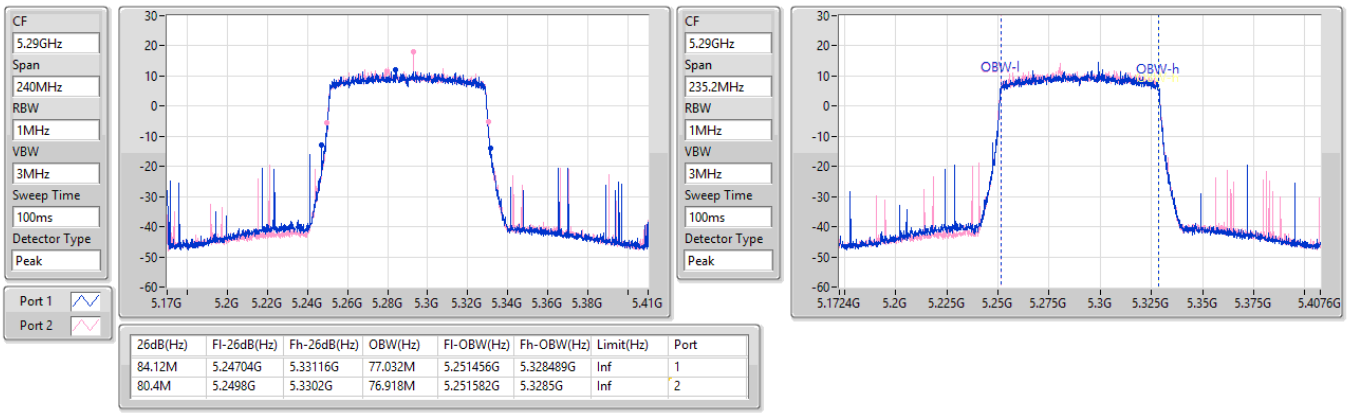


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.8M	5.725G	5.7298G	Inf	1
5.68M	5.725G	5.73068G	Inf	2

5.25-5.35GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

5290MHz

26/12/2022

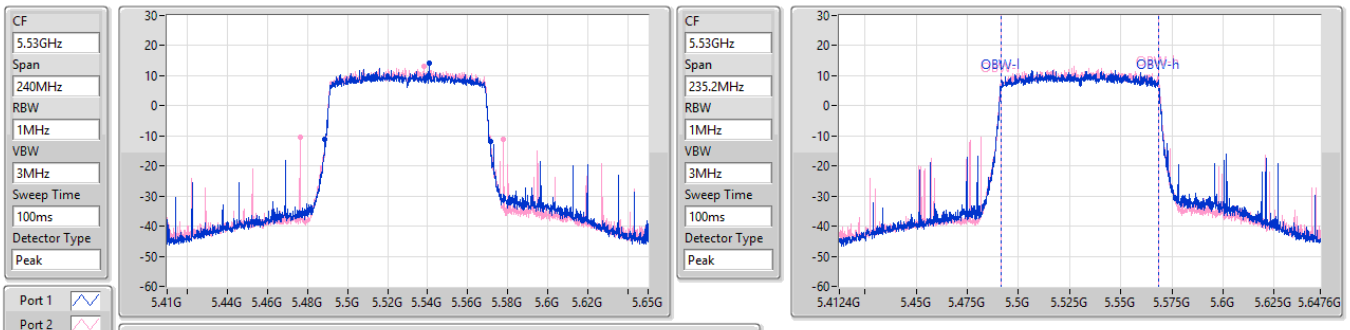


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.12M	5.24704G	5.33116G	77.032M	5.251456G	5.328489G	Inf	1
80.4M	5.2498G	5.3302G	76.918M	5.251582G	5.3285G	Inf	2

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

5530MHz

26/12/2022

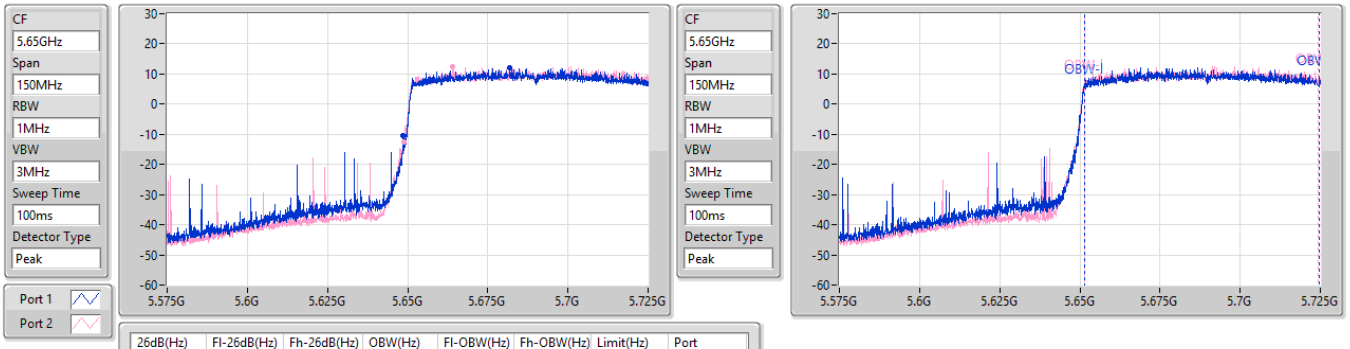


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.44M	5.48884G	5.57128G	77.162M	5.491395G	5.568557G	Inf	1
101.52M	5.47624G	5.57776G	77.17M	5.491418G	5.568588G	Inf	2

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

5690MHz Straddle 5.47-5.725GHz

26/12/2022

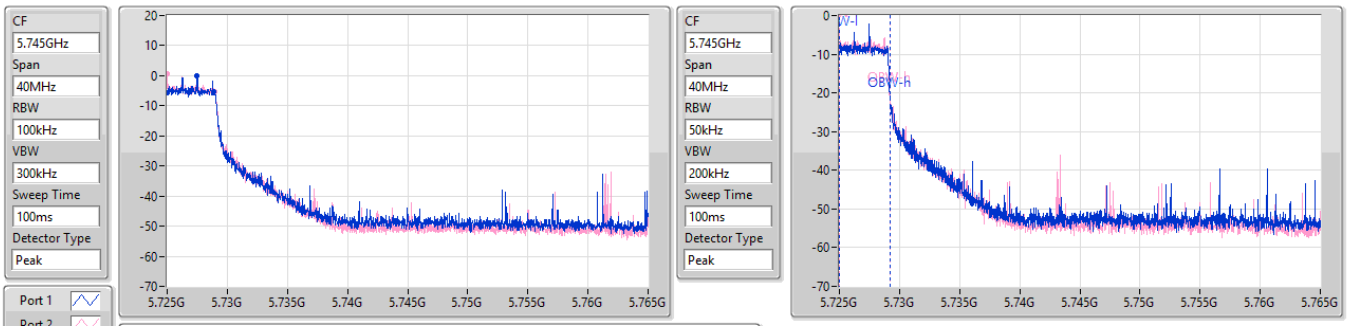


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.5M	5.6485G	5.725G	73.005M	5.651518G	5.724523G	Inf	1
76.2M	5.6488G	5.725G	73.046M	5.651457G	5.724503G	Inf	2

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

5690MHz Straddle 5.725-5.85GHz

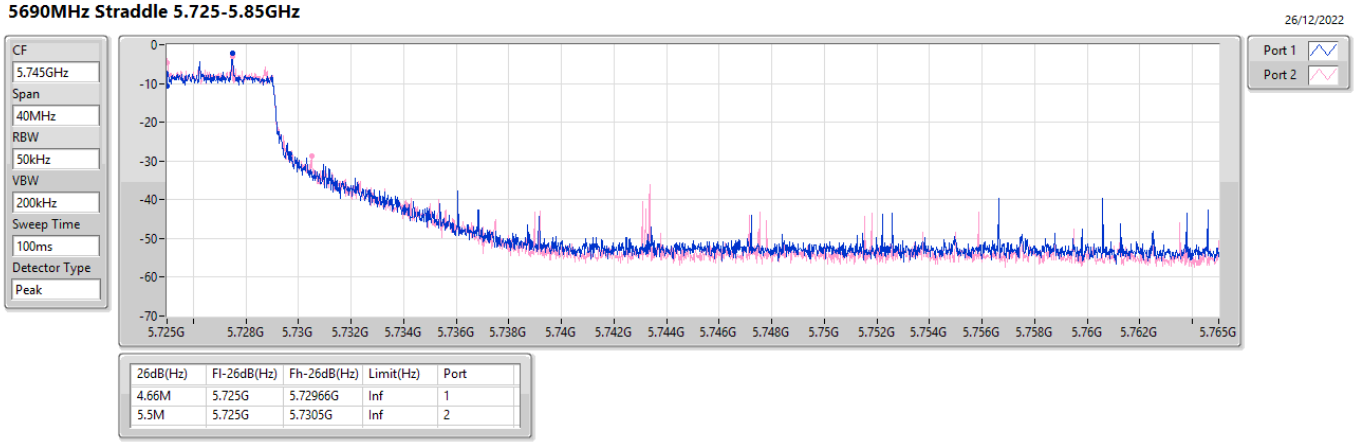
26/12/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.88M	5.725G	5.72888G	4.175M	5.725026G	5.729201G	500k	1
3.98M	5.725G	5.72898G	4.179M	5.72501G	5.729188G	500k	2

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.66M	5.725G	5.72966G	Inf	1
5.5M	5.725G	5.7305G	Inf	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.35M	16.385M	16M4D1D	20.02M	16.361M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.89M	18.95M	19M0D1D	20.955M	18.904M
802.11ax HEW20_Nss2,(MCS0)_2TX	21.78M	18.929M	18M9D1D	21.01M	18.901M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.395M	18.929M	18M9D1D	20.845M	18.87M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.14M	37.775M	37M8D1D	40.59M	37.682M
802.11ax HEW40_Nss2,(MCS0)_2TX	41.03M	37.757M	37M8D1D	40.48M	37.717M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.92M	37.771M	37M8D1D	40.7M	37.626M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.5M	77.041M	77M0D1D	82.28M	76.959M
802.11ax HEW80_Nss2,(MCS0)_2TX	82.06M	77.171M	77M2D1D	81.4M	76.961M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	83.38M	76.815M	76M8D1D	82.06M	76.631M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.46M	16.393M	16M4D1D	15.165M	13.155M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.395M	18.944M	18M9D1D	15.72M	14.419M
802.11ax HEW20_Nss2,(MCS0)_2TX	21.78M	18.928M	18M9D1D	15.57M	14.435M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.45M	18.903M	18M9D1D	15.6M	14.41M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.14M	37.802M	37M8D1D	35.28M	33.693M
802.11ax HEW40_Nss2,(MCS0)_2TX	41.03M	37.796M	37M8D1D	35.28M	33.667M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.92M	37.784M	37M8D1D	35M	33.638M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.28M	77.015M	77M0D1D	76.35M	73.045M
802.11ax HEW80_Nss2,(MCS0)_2TX	82.5M	77.042M	77M0D1D	75.6M	72.98M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	82.06M	77.118M	77M1D1D	75.75M	72.808M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.16M	3.587M	3M59D1D	2.5M	3.569M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.56M	4.621M	4M62D1D	4.5M	4.61M
802.11ax HEW20_Nss2,(MCS0)_2TX	4.52M	4.602M	4M60D1D	4.5M	4.582M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.34M	4.575M	4M58D1D	4.34M	4.571M
802.11ax HEW40_Nss1,(MCS0)_2TX	3.94M	4.178M	4M18D1D	3.94M	4.124M
802.11ax HEW40_Nss2,(MCS0)_2TX	4.12M	4.164M	4M16D1D	3.96M	4.133M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	4.14M	4.198M	4M20D1D	4.02M	4.152M
802.11ax HEW80_Nss1,(MCS0)_2TX	4.1M	4.286M	4M29D1D	3.88M	4.253M
802.11ax HEW80_Nss2,(MCS0)_2TX	4.08M	4.355M	4M36D1D	3.98M	4.318M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.96M	4.276M	4M28D1D	3.86M	4.275M

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)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	20.02M	16.372M	20.185M	16.368M
5300MHz	Pass	Inf	20.13M	16.385M	20.295M	16.381M
5320MHz	Pass	Inf	20.185M	16.361M	20.35M	16.381M
5500MHz	Pass	Inf	20.405M	16.384M	20.24M	16.385M
5580MHz	Pass	Inf	20.24M	16.383M	20.46M	16.371M
5700MHz	Pass	Inf	19.635M	16.371M	20.35M	16.393M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.375M	13.159M	15.165M	13.155M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	3.587M	2.5M	3.569M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.45M	18.909M	20.955M	18.925M
5300MHz	Pass	Inf	21.505M	18.95M	21.23M	18.904M
5320MHz	Pass	Inf	21.89M	18.928M	21.285M	18.912M
5500MHz	Pass	Inf	21.395M	18.936M	21.23M	18.903M
5580MHz	Pass	Inf	20.955M	18.921M	21.285M	18.944M
5700MHz	Pass	Inf	21.01M	18.916M	21.395M	18.928M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.915M	14.419M	15.72M	14.454M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.5M	4.61M	4.56M	4.621M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.59M	37.731M	41.03M	37.755M
5310MHz	Pass	Inf	41.14M	37.682M	41.14M	37.775M
5510MHz	Pass	Inf	40.59M	37.802M	40.81M	37.747M
5550MHz	Pass	Inf	41.03M	37.686M	40.48M	37.72M
5670MHz	Pass	Inf	40.59M	37.758M	41.14M	37.688M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.28M	33.693M	35.385M	33.694M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.124M	3.94M	4.178M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.28M	76.959M	82.5M	77.041M
5530MHz	Pass	Inf	82.28M	77.015M	82.28M	76.919M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.425M	73.045M	76.35M	73.083M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	4.286M	3.88M	4.253M
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.78M	18.901M	21.45M	18.924M
5300MHz	Pass	Inf	21.23M	18.91M	21.395M	18.928M
5320MHz	Pass	Inf	21.01M	18.904M	21.34M	18.929M
5500MHz	Pass	Inf	21.285M	18.903M	21.78M	18.92M
5580MHz	Pass	Inf	21.615M	18.906M	21.23M	18.928M
5700MHz	Pass	Inf	21.065M	18.898M	21.615M	18.914M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.57M	14.441M	15.615M	14.435M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	4.582M	4.5M	4.602M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	41.03M	37.733M	40.7M	37.717M
5310MHz	Pass	Inf	40.7M	37.723M	40.48M	37.757M
5510MHz	Pass	Inf	40.81M	37.796M	40.81M	37.665M
5550MHz	Pass	Inf	40.81M	37.707M	40.81M	37.689M
5670MHz	Pass	Inf	40.7M	37.694M	41.03M	37.728M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.385M	33.715M	35.28M	33.667M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	4.164M	4.12M	4.133M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.4M	77.171M	82.06M	76.961M
5530MHz	Pass	Inf	82.5M	77.042M	82.06M	76.988M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.6M	73.149M	75.675M	72.98M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	4.355M	3.98M	4.318M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.395M	18.874M	20.845M	18.877M

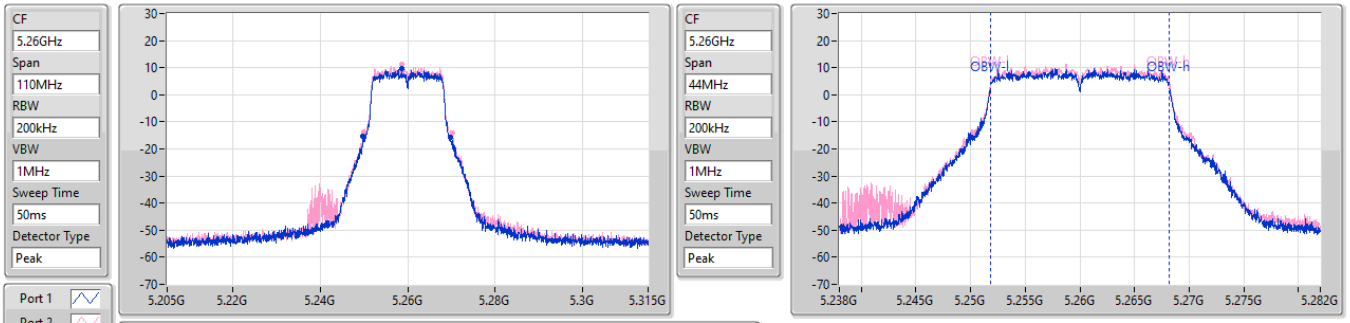
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5300MHz	Pass	Inf	21.12M	18.929M	21.23M	18.87M
5320MHz	Pass	Inf	21.175M	18.893M	21.34M	18.898M
5500MHz	Pass	Inf	21.45M	18.892M	21.45M	18.89M
5580MHz	Pass	Inf	21.23M	18.893M	21.395M	18.899M
5700MHz	Pass	Inf	20.9M	18.903M	21.34M	18.892M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.855M	14.41M	15.6M	14.42M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.34M	4.575M	4.34M	4.571M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.7M	37.701M	40.92M	37.66M
5310MHz	Pass	Inf	40.81M	37.626M	40.7M	37.771M
5510MHz	Pass	Inf	40.48M	37.689M	40.59M	37.753M
5550MHz	Pass	Inf	40.7M	37.693M	40.48M	37.784M
5670MHz	Pass	Inf	40.92M	37.699M	40.7M	37.714M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35M	33.659M	35.21M	33.638M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.152M	4.14M	4.198M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	83.38M	76.815M	82.06M	76.631M
5530MHz	Pass	Inf	82.06M	77.005M	80.52M	77.118M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.75M	72.815M	76.875M	72.808M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	4.275M	3.86M	4.276M

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

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5260MHz

20/04/2023

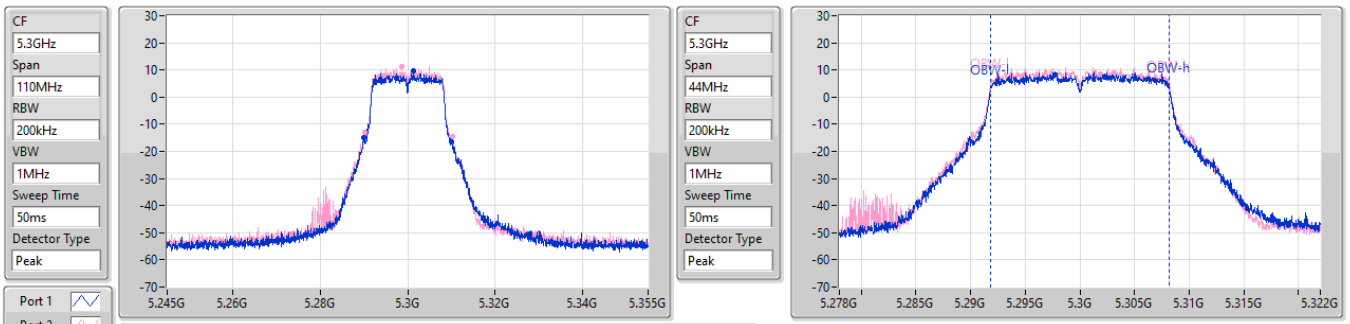


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.02M	5.249715G	5.269735G	16.372M	5.25182G	5.268192G	Inf	1
20.185M	5.24999G	5.270175G	16.368M	5.25183G	5.268198G	Inf	2

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5300MHz

20/04/2023

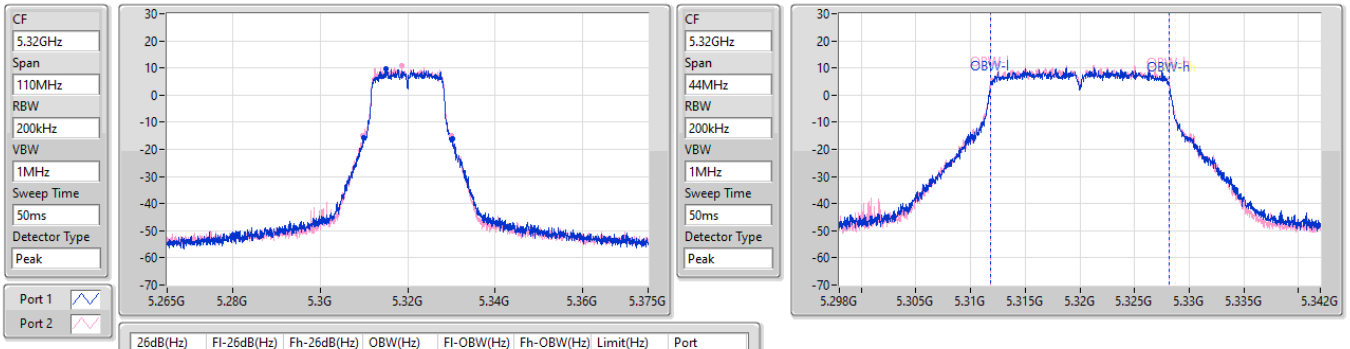


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.13M	5.28988G	5.31001G	16.385M	5.291827G	5.308212G	Inf	1
20.295M	5.2901G	5.310395G	16.381M	5.291824G	5.308204G	Inf	2

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5320MHz

20/04/2023

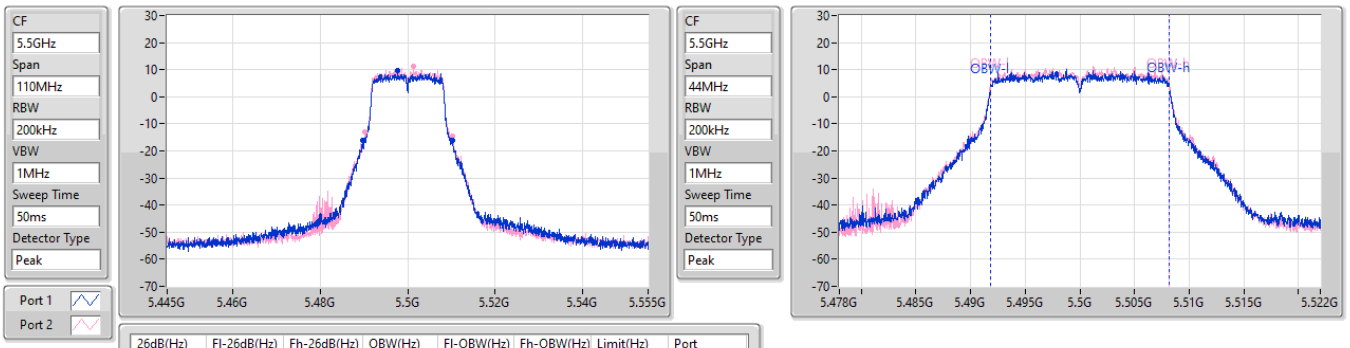


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.185M	5.310045G	5.33023G	16.361M	5.311831G	5.328192G	Inf	1
20.35M	5.30977G	5.33012G	16.381M	5.311816G	5.328197G	Inf	2

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5500MHz

20/04/2023

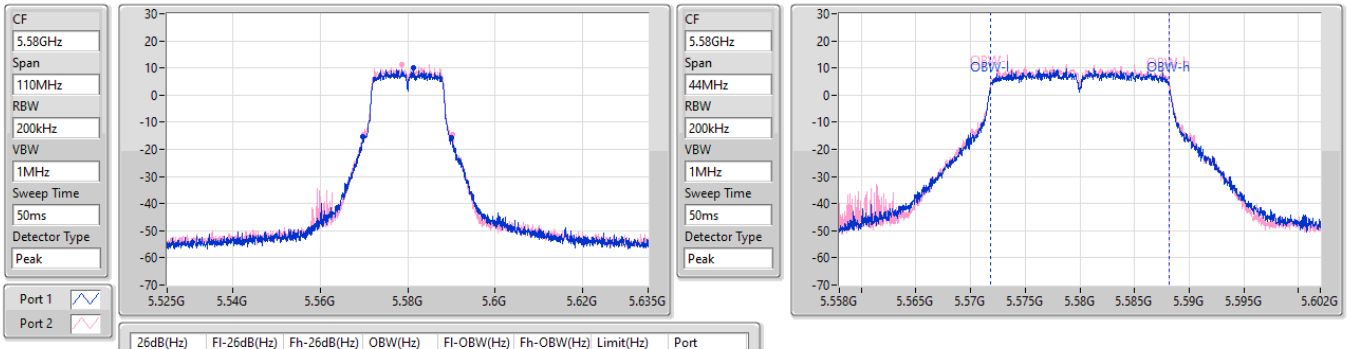


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.405M	5.48977G	5.510175G	16.384M	5.49182G	5.508204G	Inf	1
20.24M	5.490155G	5.510395G	16.385M	5.491817G	5.508202G	Inf	2

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5580MHz

20/04/2023

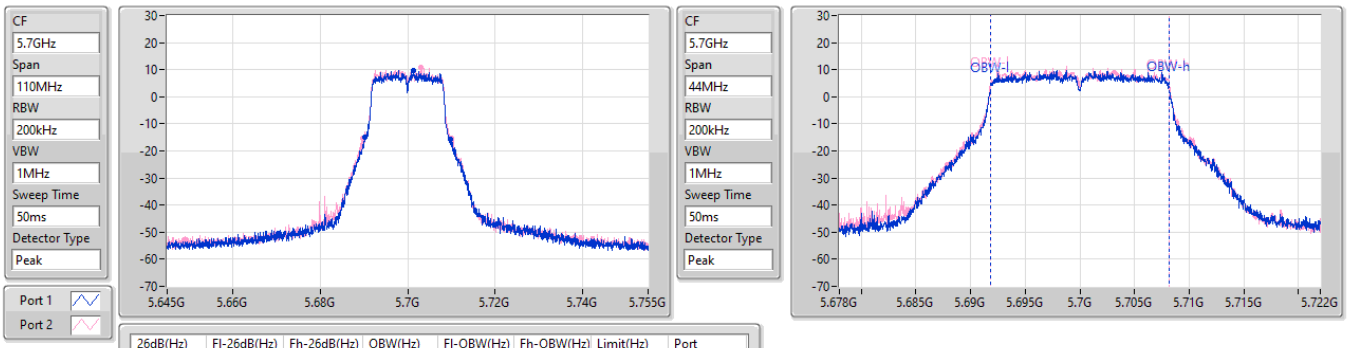


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.24M	5.569825G	5.590065G	16.383M	5.571818G	5.588201G	Inf	1
20.46M	5.569935G	5.590395G	16.371M	5.571833G	5.588204G	Inf	2

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5700MHz

20/04/2023

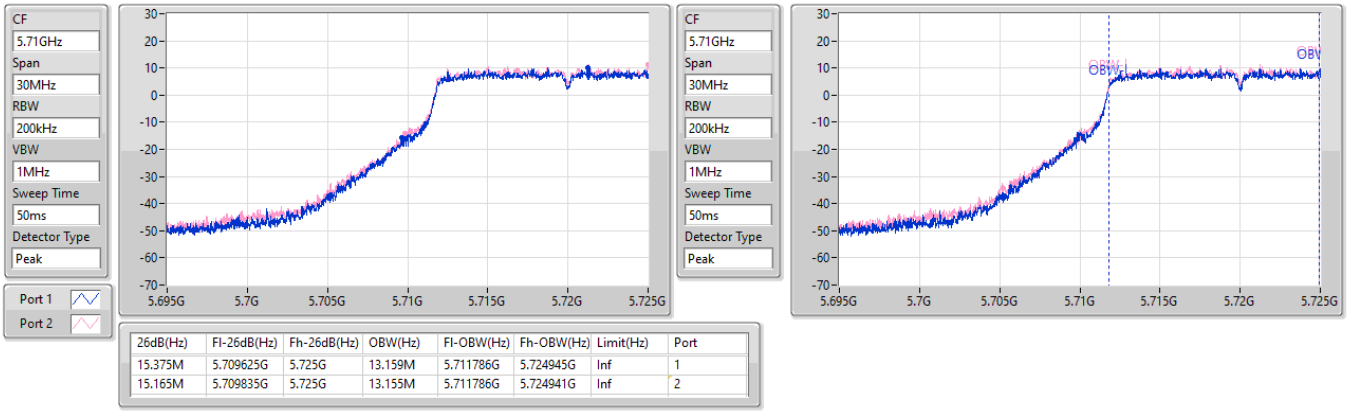


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.635M	5.6901G	5.709735G	16.371M	5.691816G	5.708187G	Inf	1
20.35M	5.68977G	5.71012G	16.393M	5.691814G	5.708207G	Inf	2

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5720MHz Straddle 5.47-5.725GHz

20/04/2023

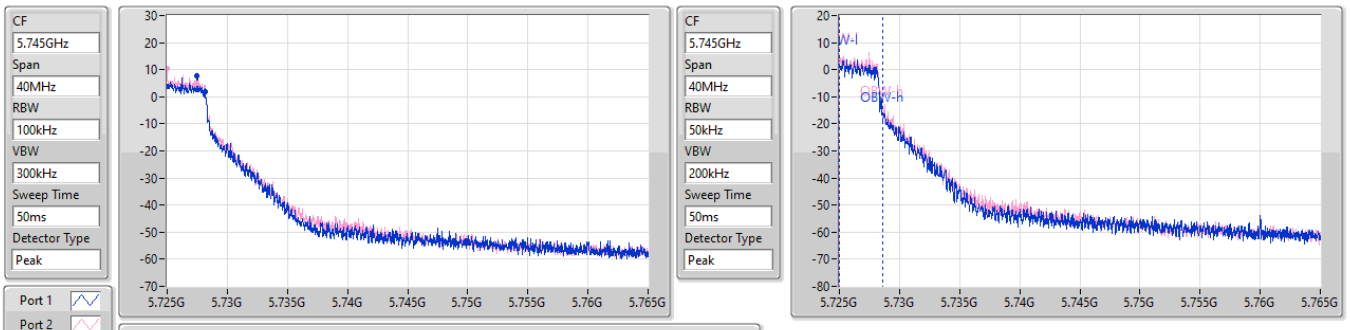


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.375M	5.709625G	5.725G	13.159M	5.711786G	5.724945G	Inf	1
15.165M	5.709835G	5.725G	13.155M	5.711786G	5.724941G	Inf	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

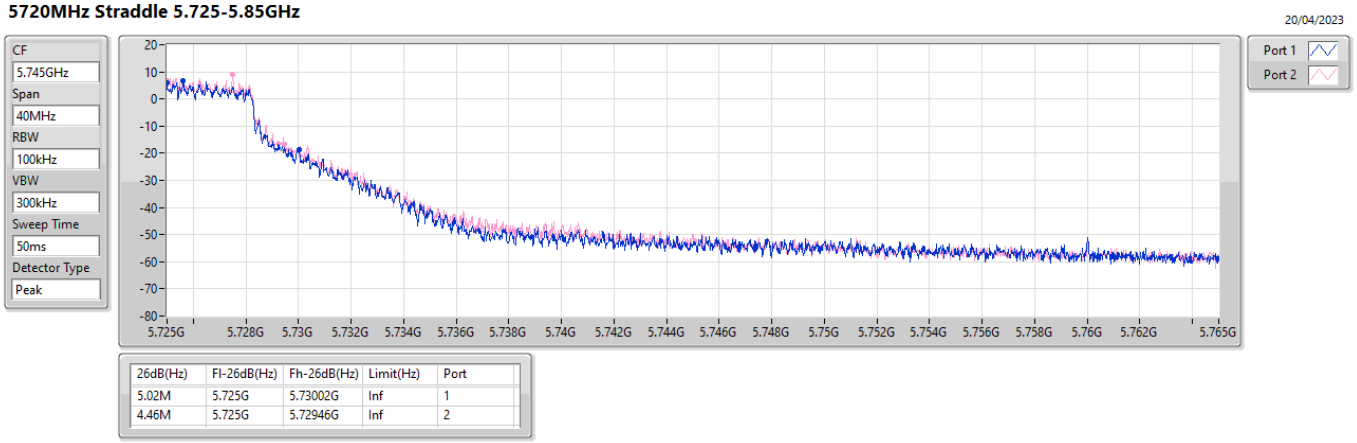
20/04/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.16M	5.725G	5.72816G	3.587M	5.725008G	5.728596G	500k	1
2.5M	5.725G	5.7275G	3.569M	5.72501G	5.728579G	500k	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

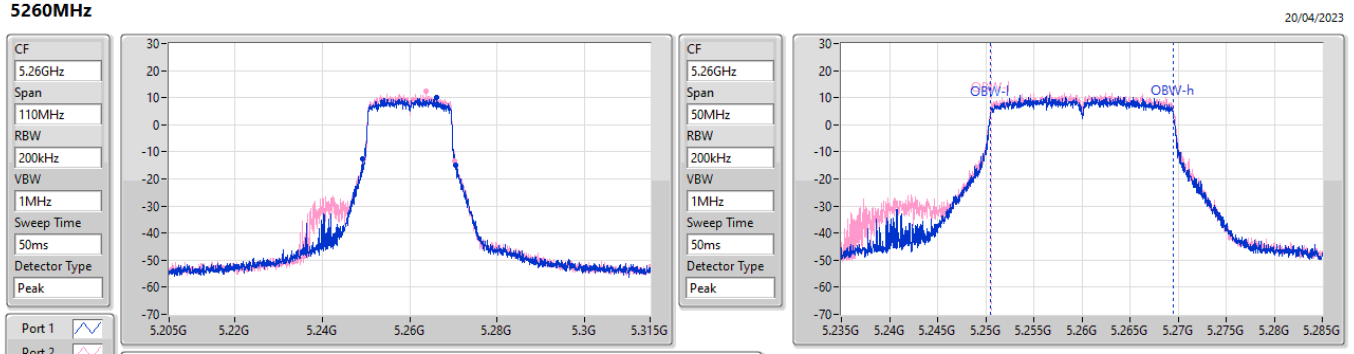
5720MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.02M	5.725G	5.73002G	Inf	1
4.46M	5.725G	5.72946G	Inf	2

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5260MHz

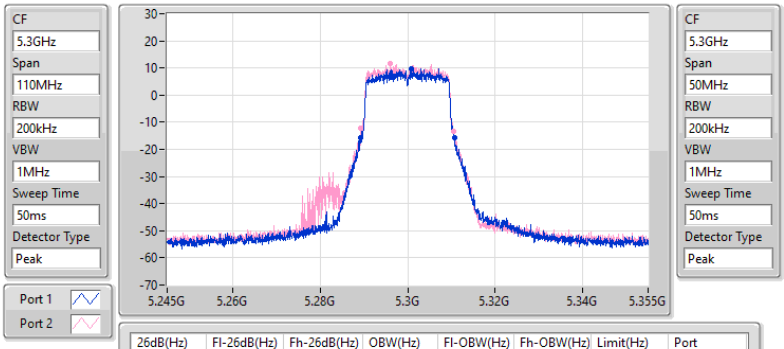


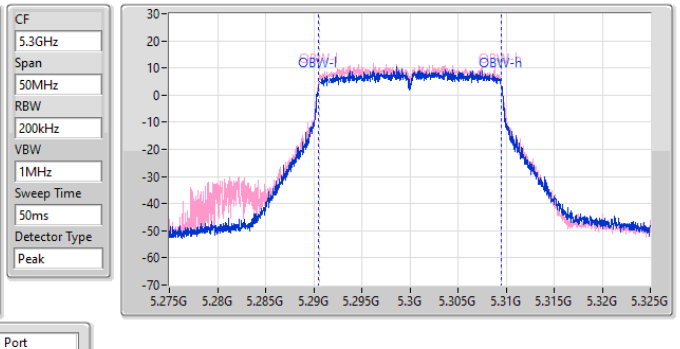
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.249165G	5.270615G	18.909M	5.250546G	5.269454G	Inf	1
20.955M	5.24944G	5.270395G	18.925M	5.250553G	5.269478G	Inf	2

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5300MHz

20/04/2023



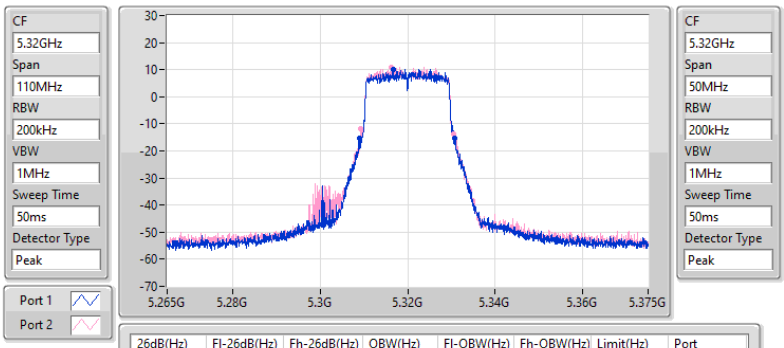


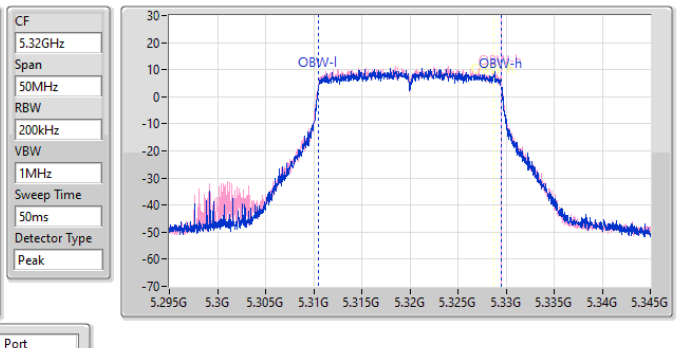
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.505M	5.289165G	5.31067G	18.95M	5.290545G	5.309495G	Inf	1
21.23M	5.289275G	5.310505G	18.904M	5.29055G	5.309454G	Inf	2

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5320MHz

20/04/2023



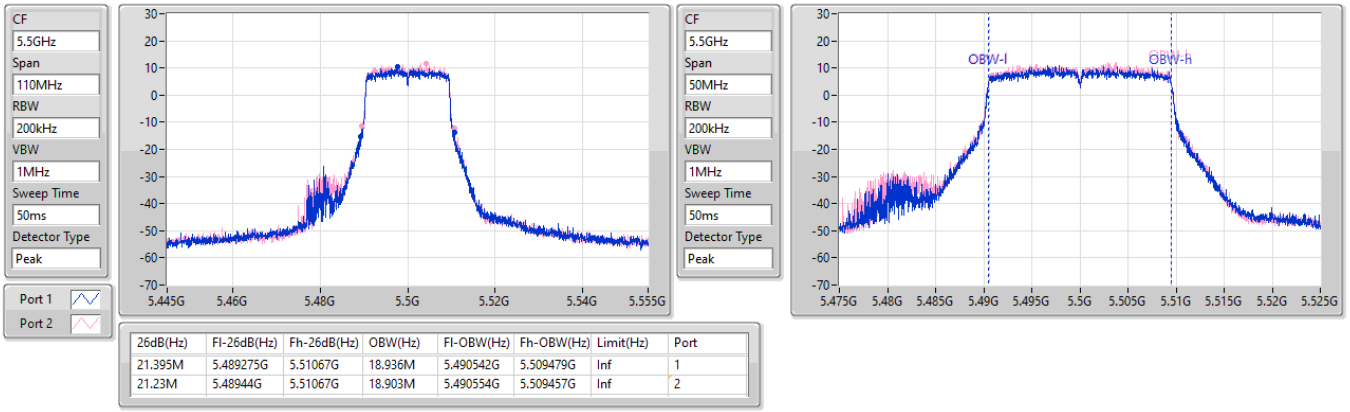


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.89M	5.30889G	5.33078G	18.928M	5.310548G	5.329476G	Inf	1
21.285M	5.309275G	5.33056G	18.912M	5.310539G	5.329451G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5500MHz

20/04/2023

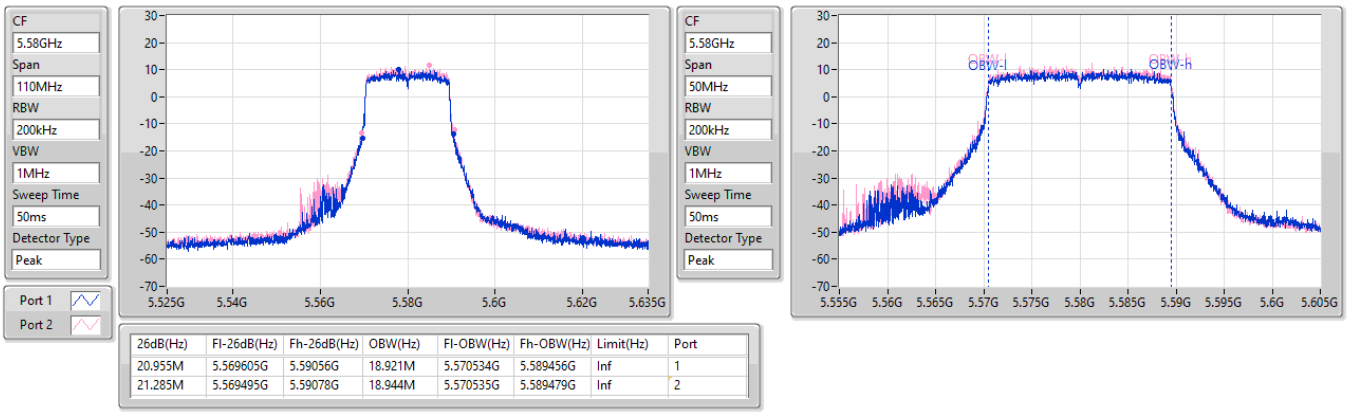


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.395M	5.489275G	5.51067G	18.936M	5.490542G	5.509479G	Inf	1
21.23M	5.48944G	5.51067G	18.903M	5.490554G	5.509457G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5580MHz

20/04/2023

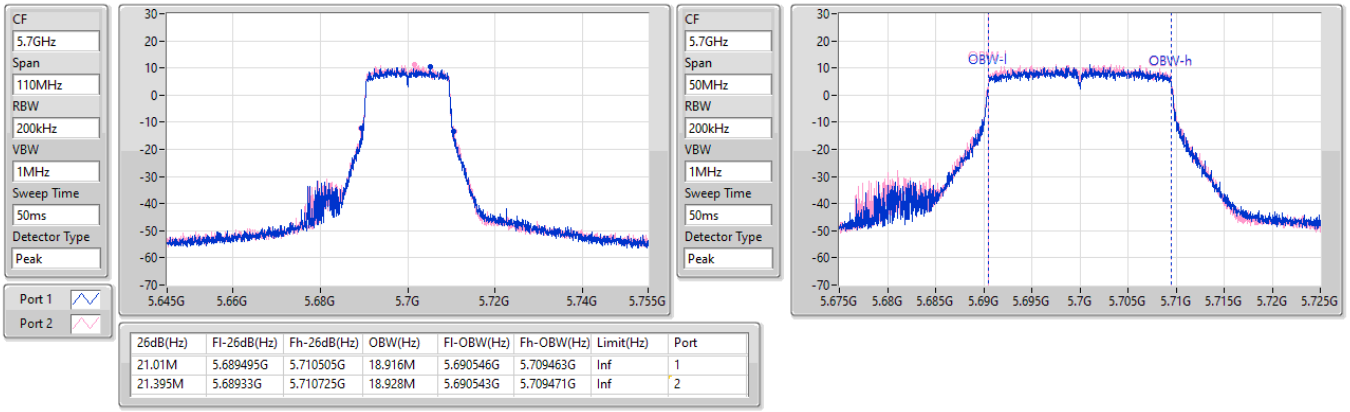


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.955M	5.569605G	5.59056G	18.921M	5.570534G	5.589456G	Inf	1
21.285M	5.569495G	5.59078G	18.944M	5.570535G	5.589479G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5700MHz

20/04/2023

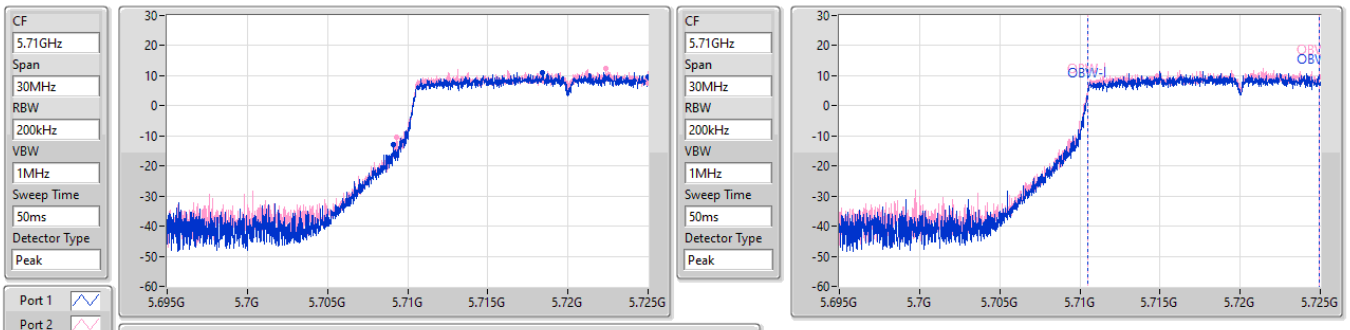


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.01M	5.689495G	5.710505G	18.916M	5.690546G	5.709463G	Inf	1
21.395M	5.68933G	5.710725G	18.928M	5.690543G	5.709471G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.47-5.725GHz

20/04/2023

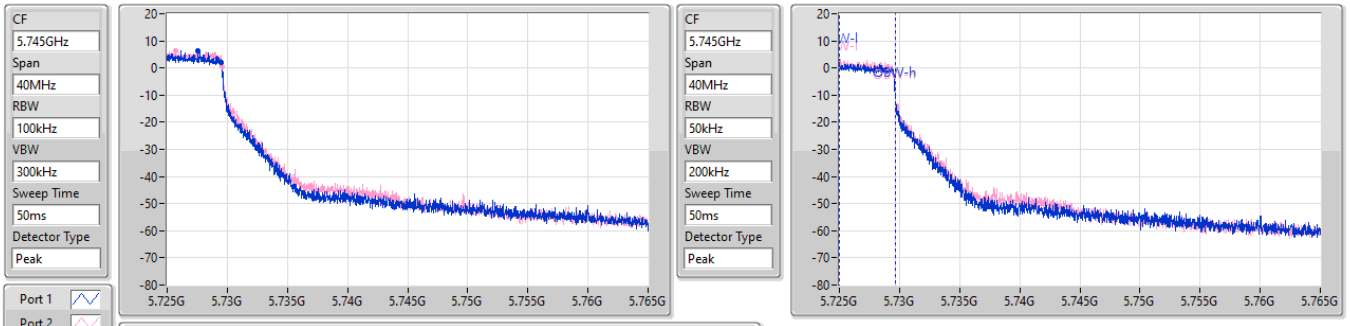


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.915M	5.709085G	5.725G	14.419M	5.710505G	5.724925G	Inf	1
15.72M	5.70928G	5.725G	14.454M	5.710491G	5.724945G	Inf	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

20/04/2023

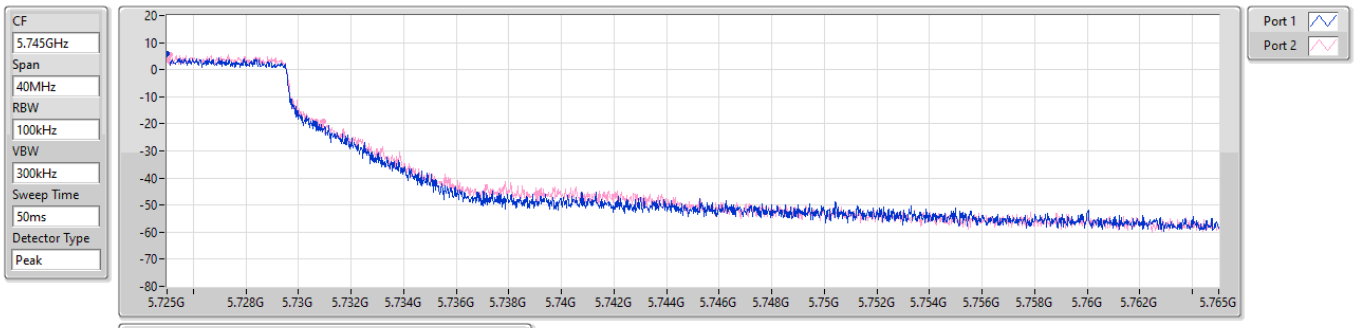


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.5M	5.725G	5.7295G	4.61M	5.72501G	5.729621G	500k	1
4.56M	5.725G	5.72956G	4.621M	5.725023G	5.729644G	500k	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

20/04/2023

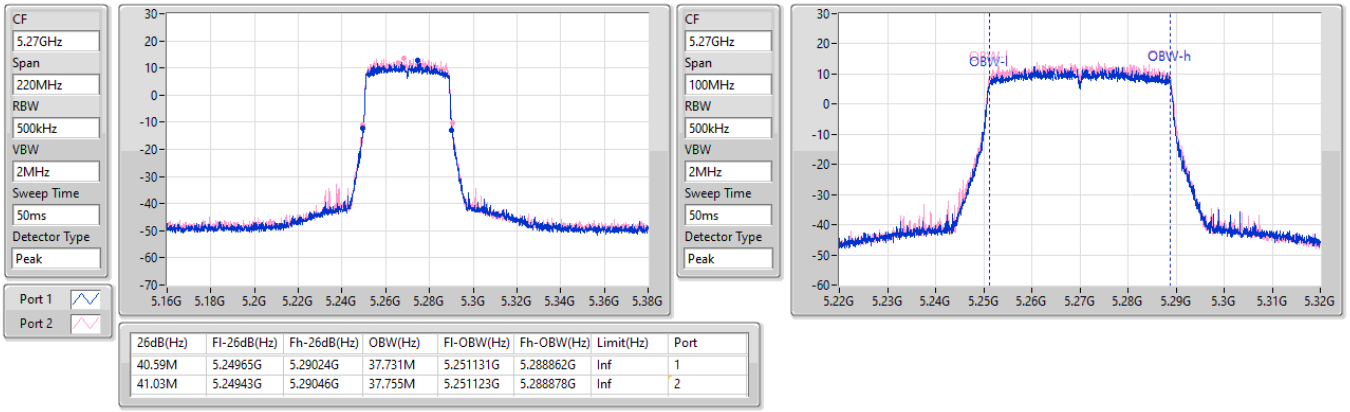


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.64M	5.725G	5.73064G	Inf	1
5.96M	5.725G	5.73096G	Inf	2

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5270MHz

20/04/2023

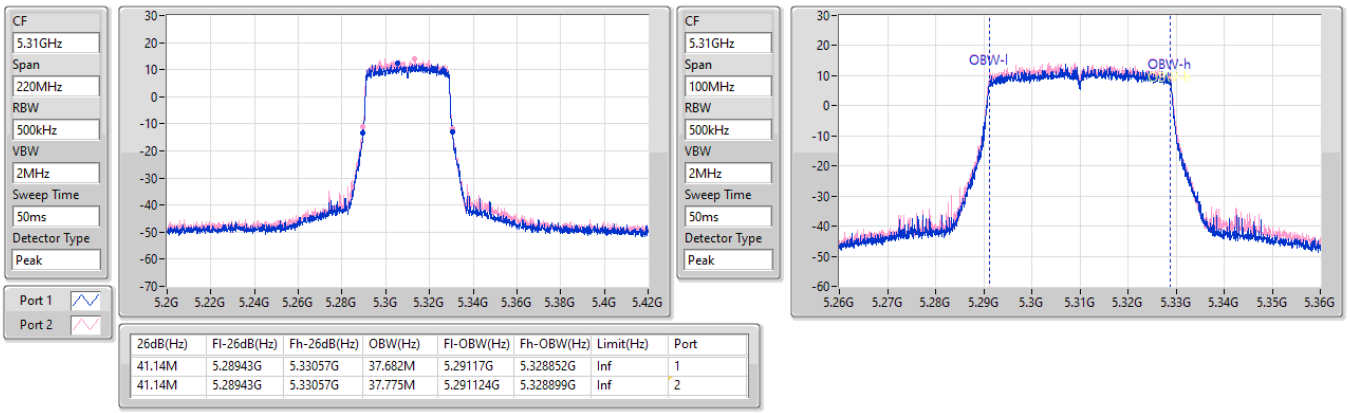


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.59M	5.24965G	5.29024G	37.731M	5.251131G	5.288862G	Inf	1
41.03M	5.24943G	5.29046G	37.755M	5.251123G	5.288878G	Inf	2

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5310MHz

20/04/2023

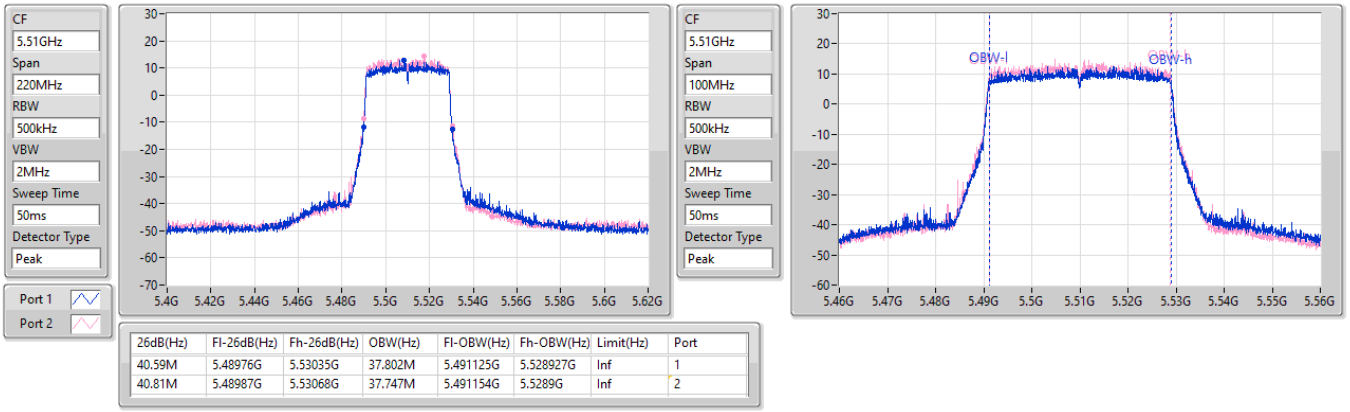


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.14M	5.28943G	5.33057G	37.682M	5.29117G	5.328852G	Inf	1
41.14M	5.28943G	5.33057G	37.775M	5.291124G	5.328899G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5510MHz

20/04/2023

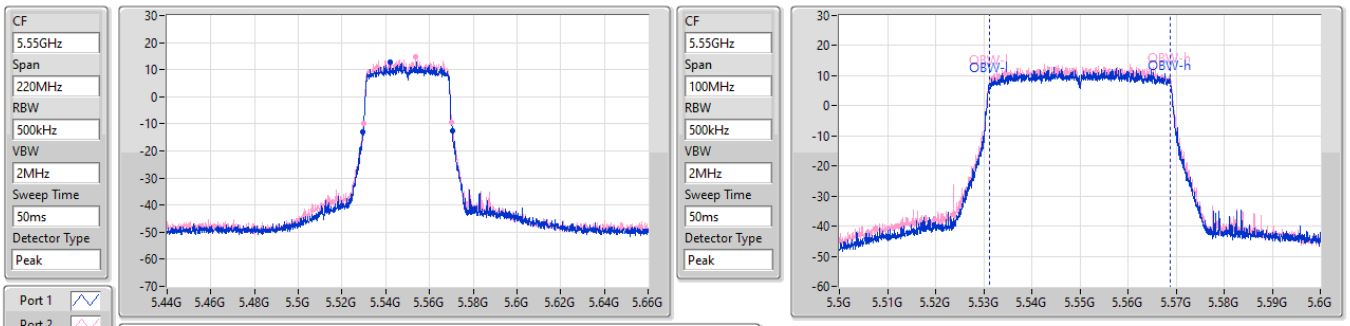


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.59M	5.48976G	5.53035G	37.802M	5.491125G	5.528927G	Inf	1
40.81M	5.48987G	5.53068G	37.747M	5.491154G	5.5289G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5550MHz

20/04/2023

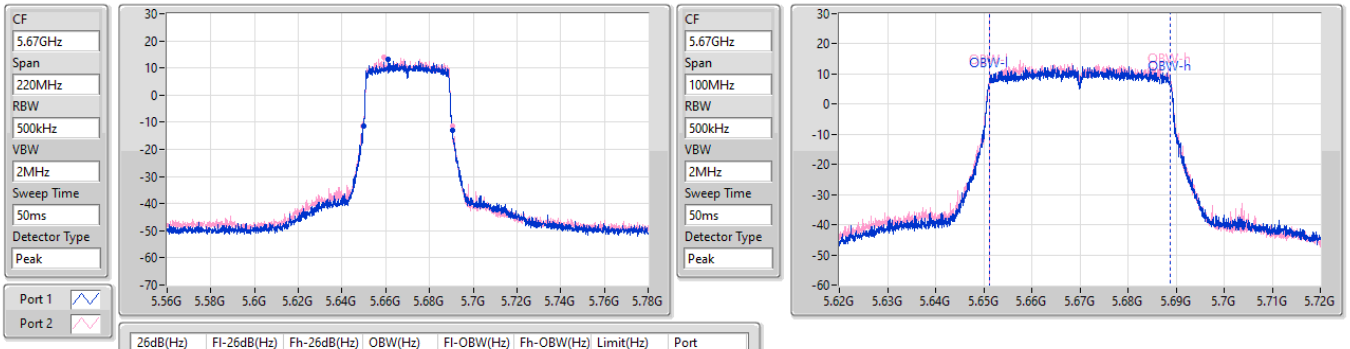


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.03M	5.52932G	5.57035G	37.686M	5.531173G	5.568859G	Inf	1
40.48M	5.52976G	5.57024G	37.72M	5.531154G	5.568874G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5670MHz

20/04/2023

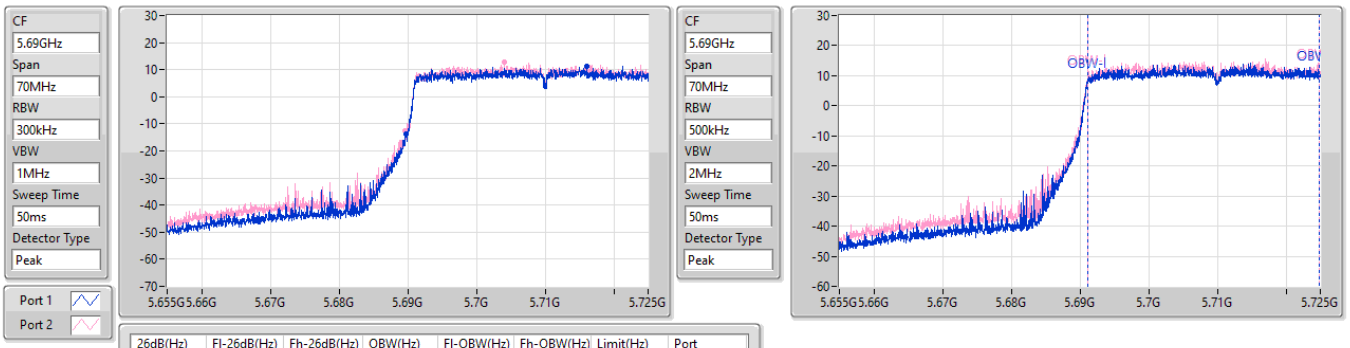


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.59M	5.64976G	5.69035G	37.758M	5.651118G	5.688875G	Inf	1
41.14M	5.64932G	5.69046G	37.688M	5.651161G	5.688848G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.47-5.725GHz

20/04/2023

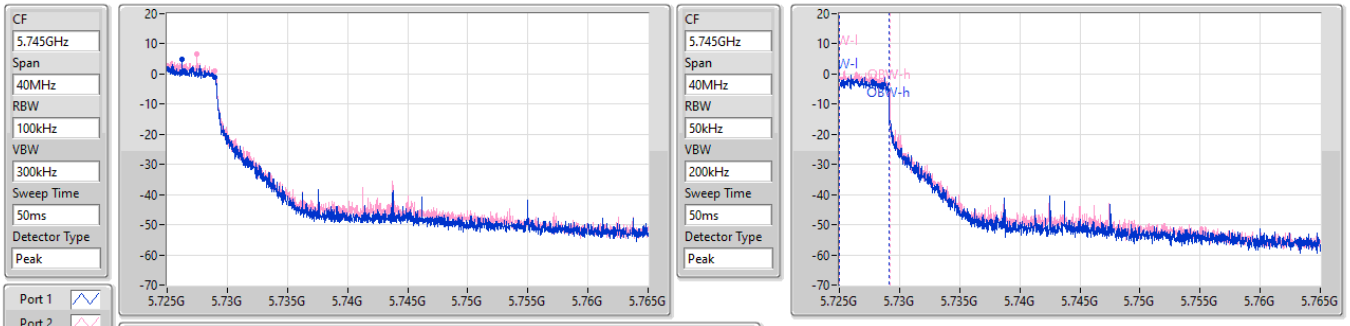


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.28M	5.68972G	5.725G	33.693M	5.691107G	5.7248G	Inf	1
35.385M	5.689615G	5.725G	33.694M	5.691123G	5.724817G	Inf	2

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.725-5.85GHz

20/04/2023

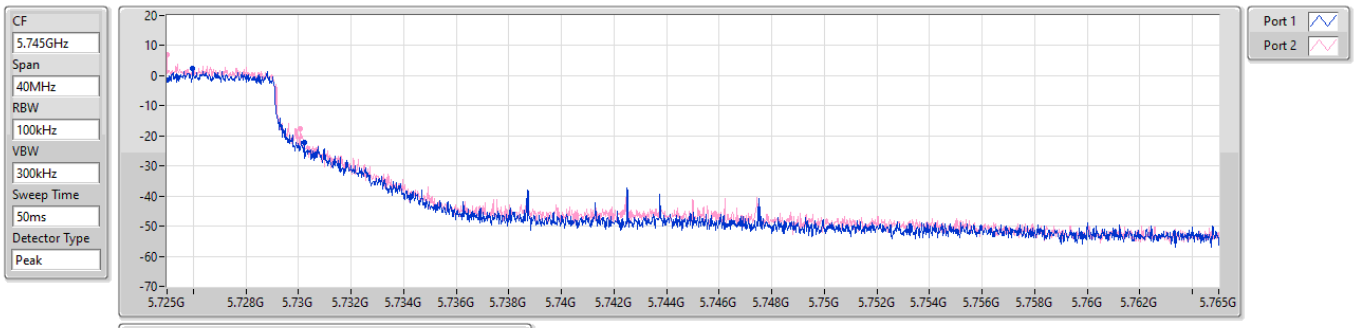


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.94M	5.725G	5.72894G	4.124M	5.725025G	5.729148G	500k	1
3.94M	5.725G	5.72894G	4.178M	5.725005G	5.729183G	500k	2

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.725-5.85GHz

20/04/2023

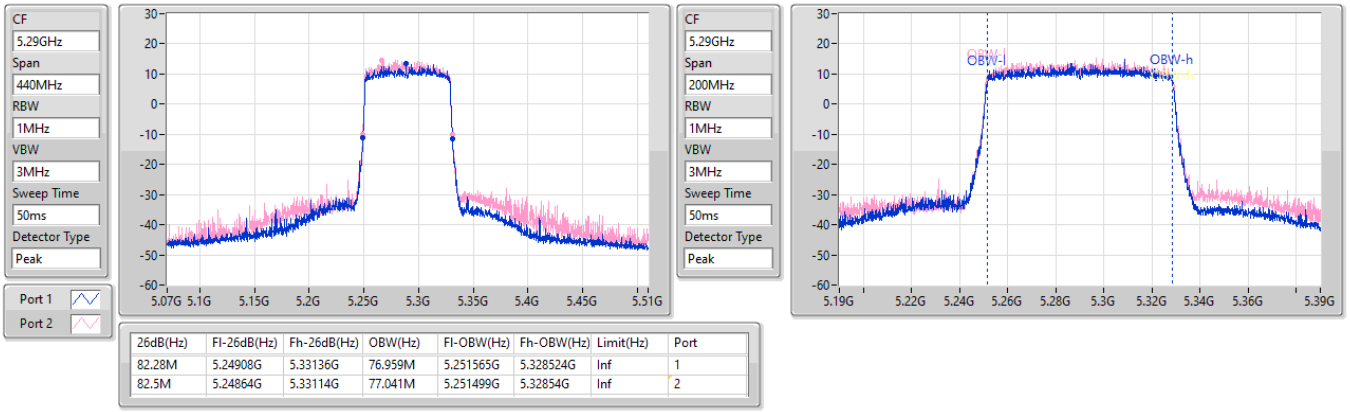


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.22M	5.725G	5.73022G	Inf	1
5.08M	5.725G	5.73008G	Inf	2

5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5290MHz

20/04/2023

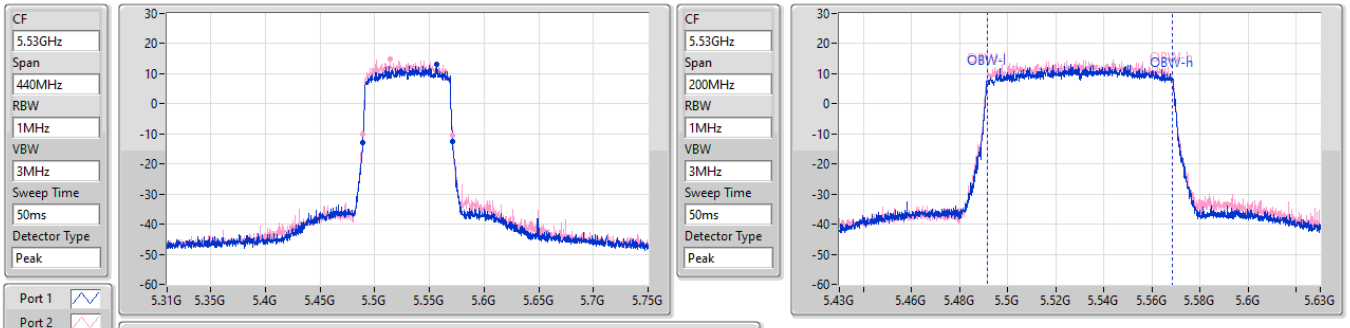


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.28M	5.24908G	5.33136G	76.959M	5.251565G	5.328524G	Inf	1
82.5M	5.24864G	5.33114G	77.041M	5.251499G	5.32854G	Inf	2

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5530MHz

20/04/2023

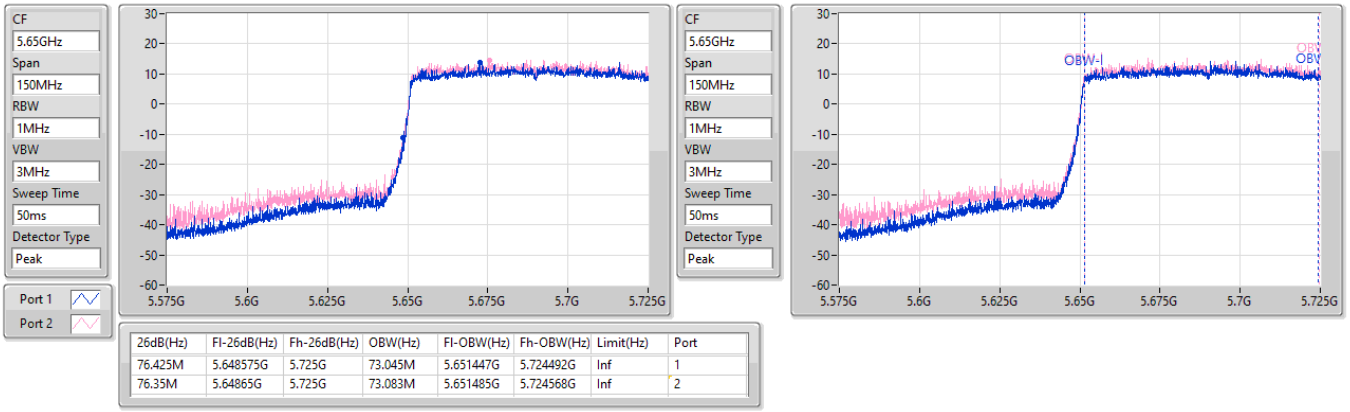


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.28M	5.48886G	5.57114G	77.015M	5.491587G	5.568602G	Inf	1
82.28M	5.48886G	5.57114G	76.919M	5.491534G	5.568453G	Inf	2

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5690MHz Straddle 5.47-5.725GHz

20/04/2023

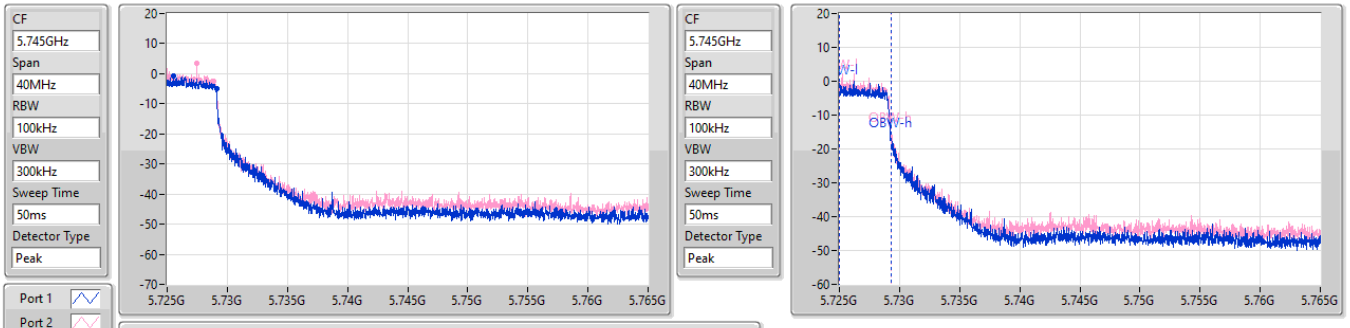


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.425M	5.648575G	5.725G	73.045M	5.651447G	5.724492G	Inf	1
76.35M	5.64865G	5.725G	73.083M	5.651485G	5.724568G	Inf	2

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5690MHz Straddle 5.725-5.85GHz

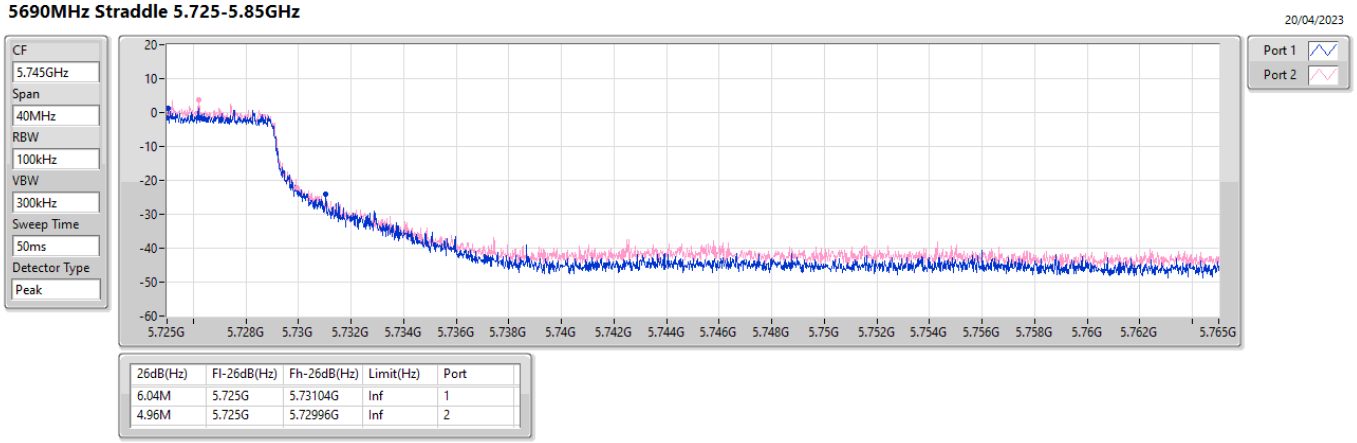
20/04/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.1M	5.725G	5.7291G	4.286M	5.725018G	5.729304G	500k	1
3.88M	5.725G	5.72888G	4.253M	5.725023G	5.729276G	500k	2

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

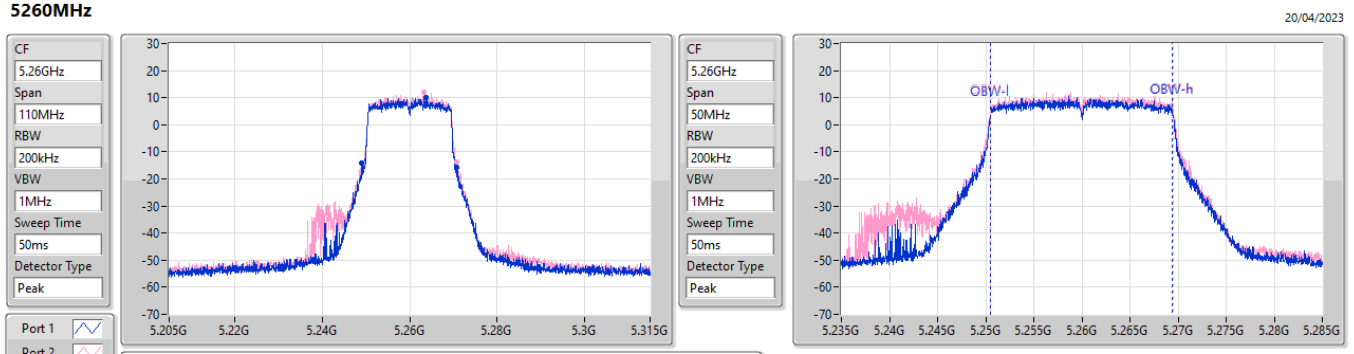
5690MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
6.04M	5.725G	5.73104G	Inf	1
4.96M	5.725G	5.72996G	Inf	2

5.25-5.35GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5260MHz

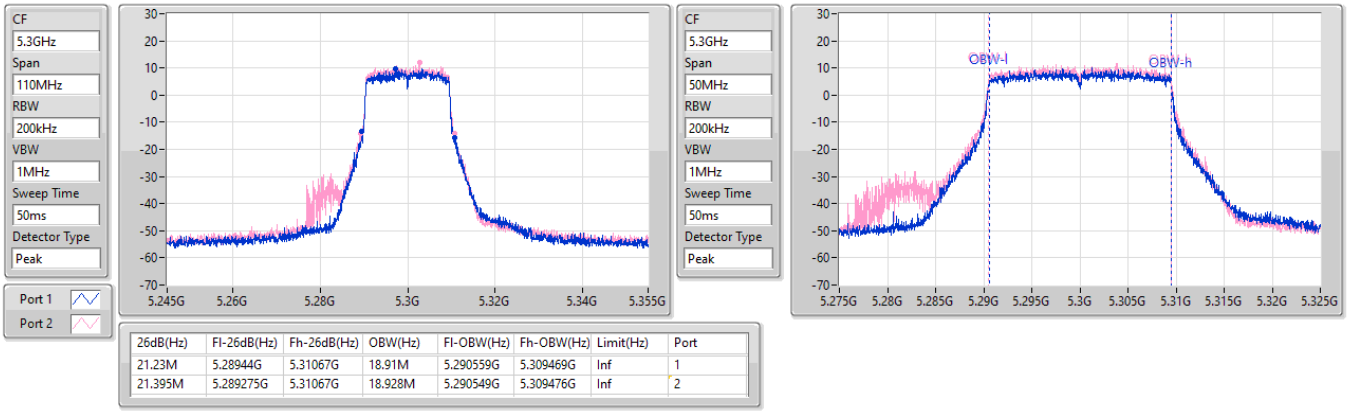


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	5.248945G	5.270725G	18.901M	5.250545G	5.269446G	Inf	1
21.45M	5.24922G	5.27067G	18.924M	5.250542G	5.269466G	Inf	2

5.25-5.35GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5300MHz

20/04/2023

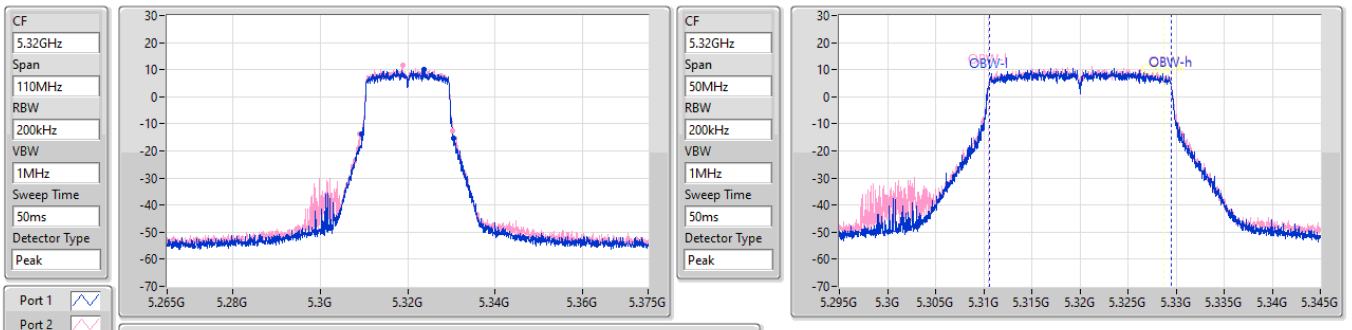


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.23M	5.28944G	5.31067G	18.91M	5.290559G	5.309469G	Inf	1
21.395M	5.289275G	5.31067G	18.928M	5.290549G	5.309476G	Inf	2

5.25-5.35GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5320MHz

20/04/2023

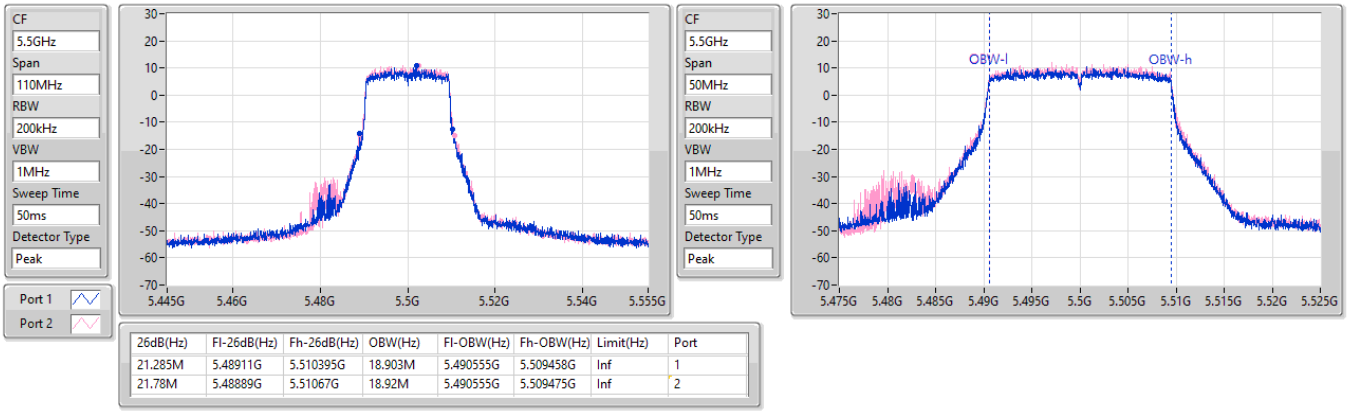


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.01M	5.30955G	5.33056G	18.904M	5.310559G	5.329463G	Inf	1
21.34M	5.309055G	5.330395G	18.929M	5.310543G	5.329472G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5500MHz

20/04/2023

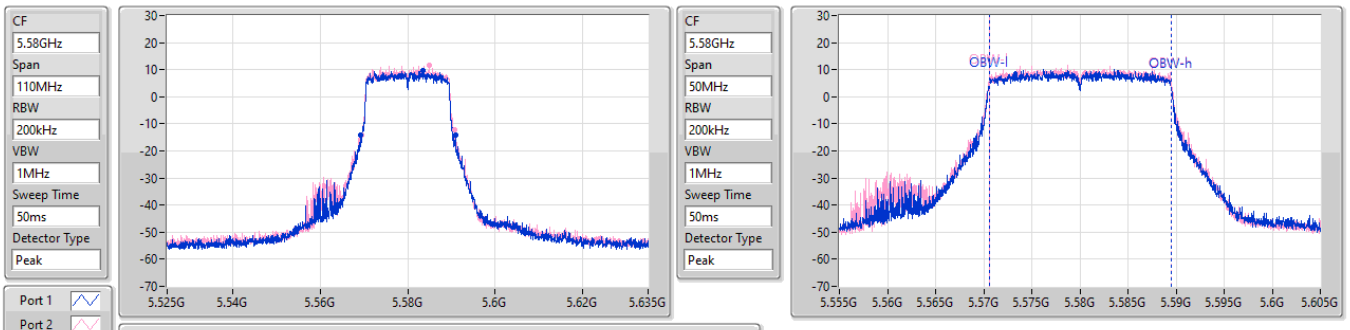


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.285M	5.48911G	5.510395G	18.903M	5.490555G	5.509458G	Inf	1
21.78M	5.48889G	5.51067G	18.92M	5.490555G	5.509475G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5580MHz

20/04/2023

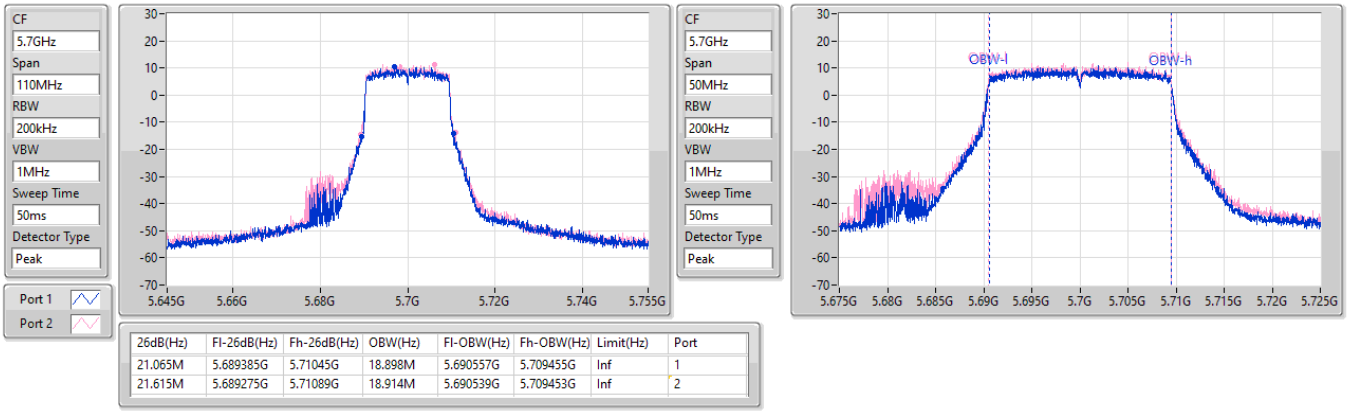


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.615M	5.56933G	5.590945G	18.906M	5.570551G	5.589458G	Inf	1
21.23M	5.56944G	5.59067G	18.928M	5.570551G	5.589479G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5700MHz

20/04/2023

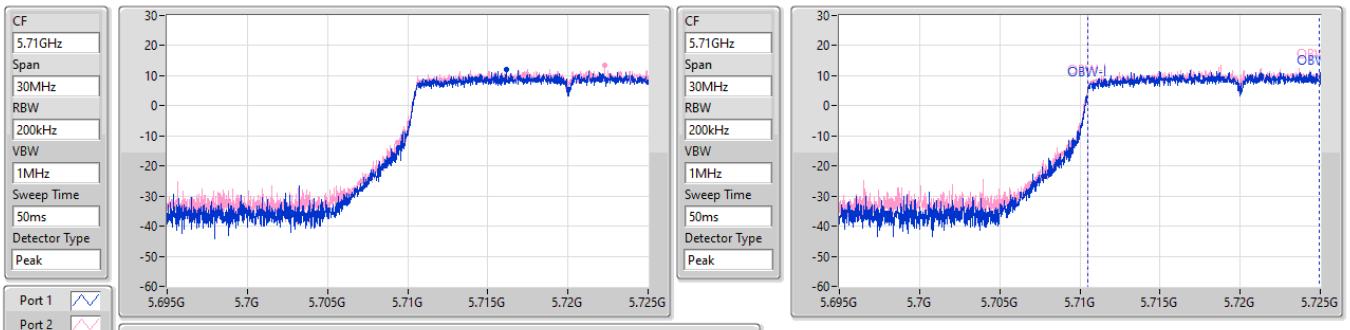


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.065M	5.689385G	5.71045G	18.898M	5.690557G	5.709455G	Inf	1
21.615M	5.689275G	5.71089G	18.914M	5.690539G	5.709453G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5720MHz Straddle 5.47-5.725GHz

20/04/2023

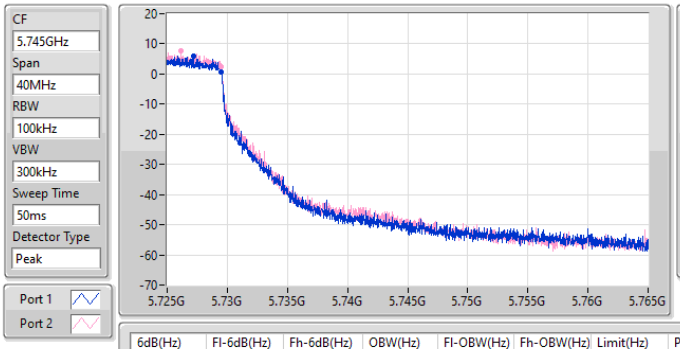


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.57M	5.70943G	5.725G	14.441M	5.710502G	5.724943G	Inf	1
15.615M	5.709385G	5.725G	14.435M	5.710498G	5.724933G	Inf	2

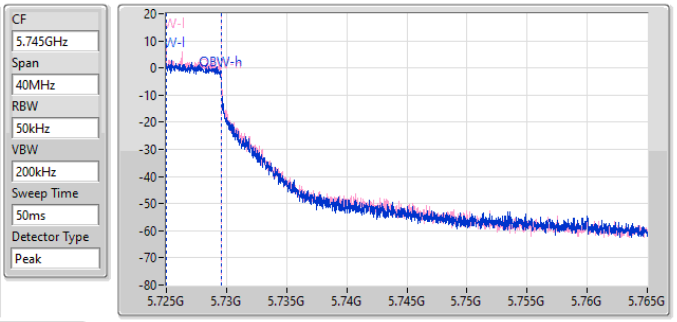
5.725-5.85GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

20/04/2023



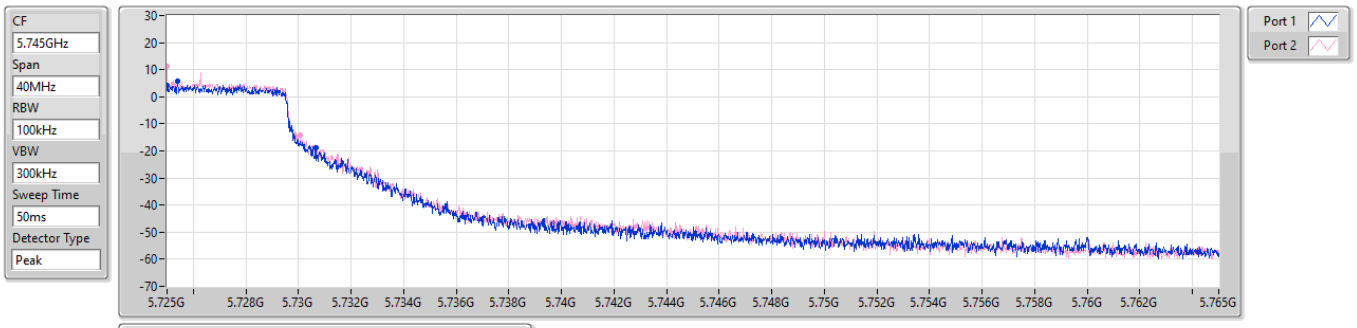
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.52M	5.725G	5.72952G	4.582M	5.725015G	5.729596G	500k	1
4.5M	5.725G	5.7295G	4.602M	5.725004G	5.729606G	500k	2



5.725-5.85GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

20/04/2023

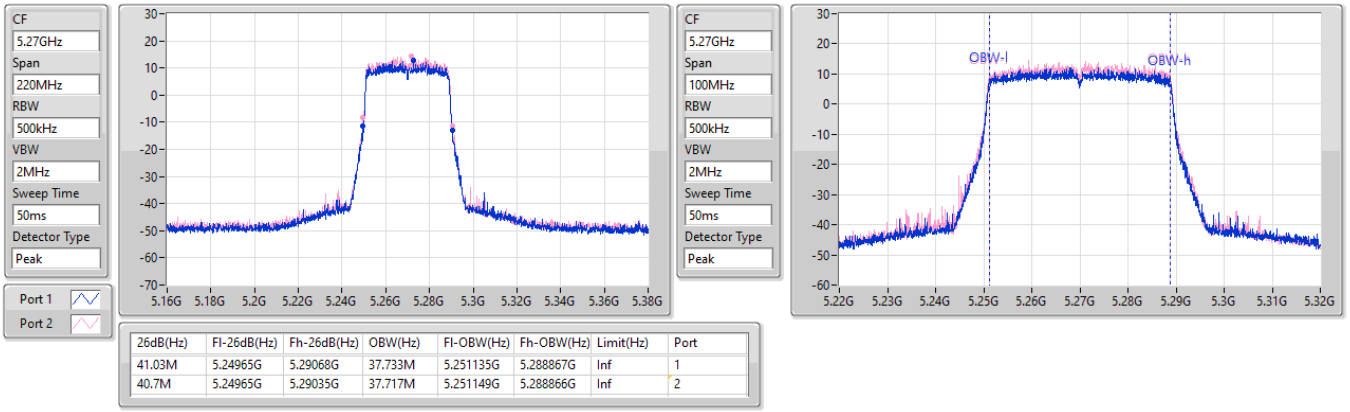


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.66M	5.725G	5.73066G	Inf	1
5.06M	5.725G	5.73006G	Inf	2

5.25-5.35GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5270MHz

20/04/2023

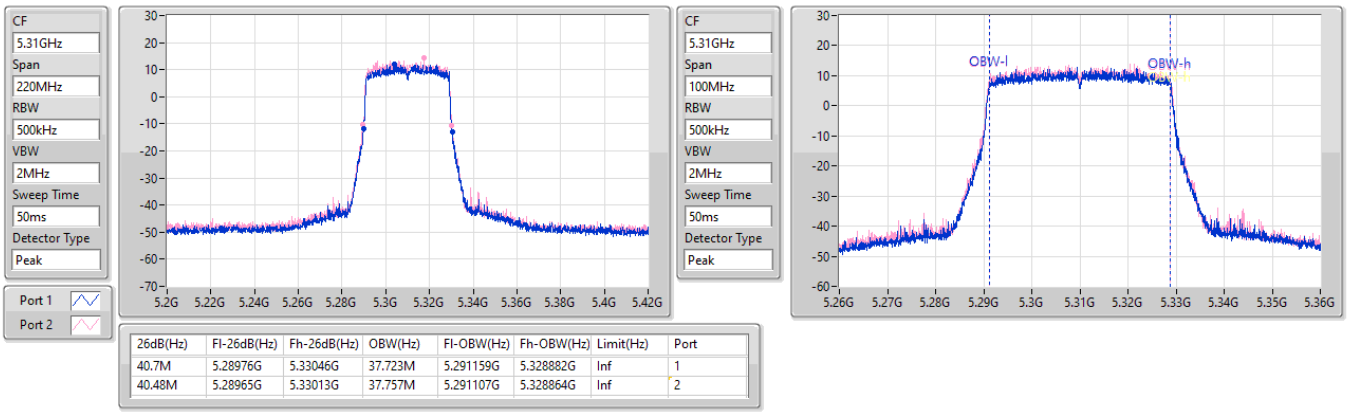


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.03M	5.24965G	5.29068G	37.733M	5.251135G	5.288867G	Inf	1
40.7M	5.24965G	5.29035G	37.717M	5.251149G	5.288866G	Inf	2

5.25-5.35GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5310MHz

20/04/2023

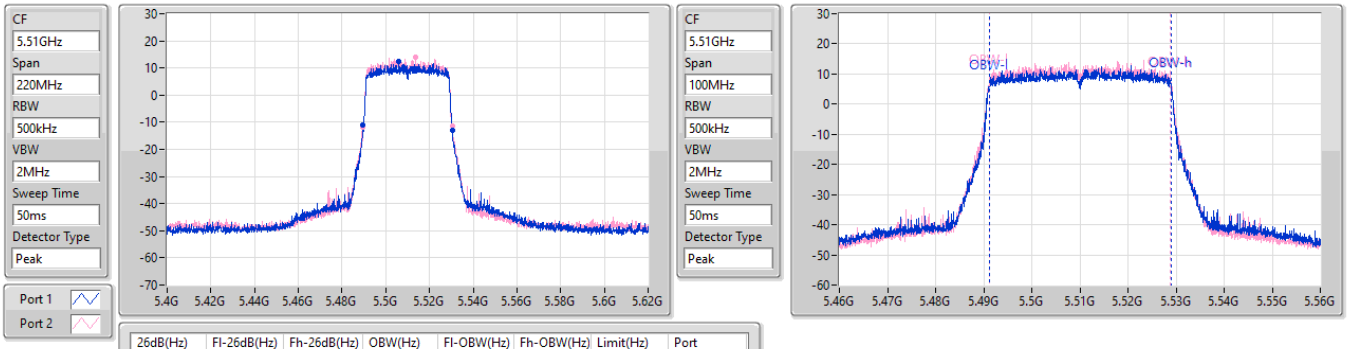


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.7M	5.28976G	5.33046G	37.723M	5.291159G	5.328882G	Inf	1
40.48M	5.28965G	5.33013G	37.757M	5.291107G	5.328864G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5510MHz

20/04/2023

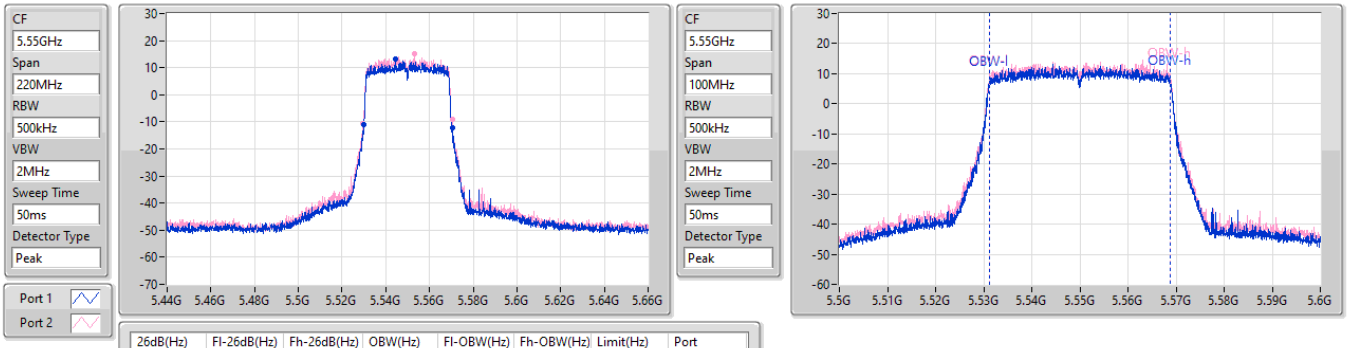


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.81M	5.48965G	5.53046G	37.796M	5.491114G	5.52891G	Inf	1
40.81M	5.48954G	5.53035G	37.665M	5.491189G	5.528854G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5550MHz

20/04/2023

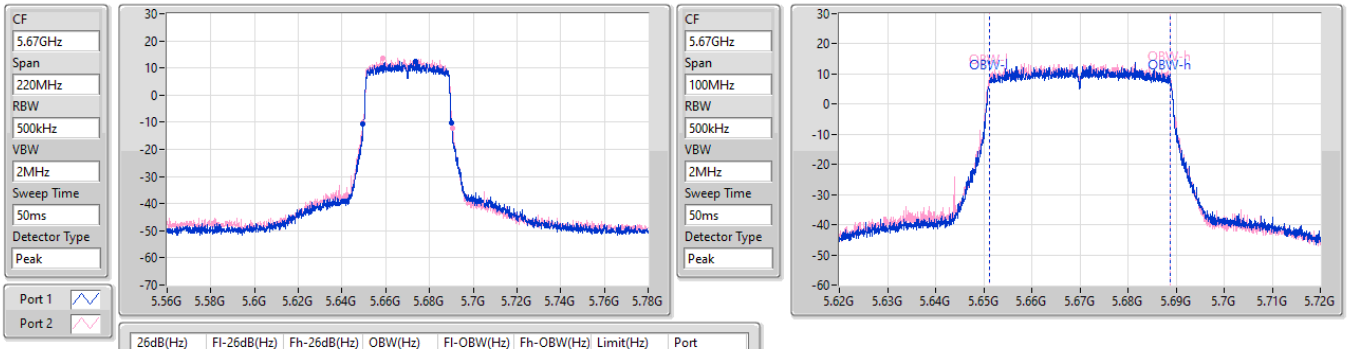


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.81M	5.52987G	5.57068G	37.707M	5.531152G	5.568859G	Inf	1
40.81M	5.52954G	5.57035G	37.689M	5.531176G	5.568865G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5670MHz

20/04/2023

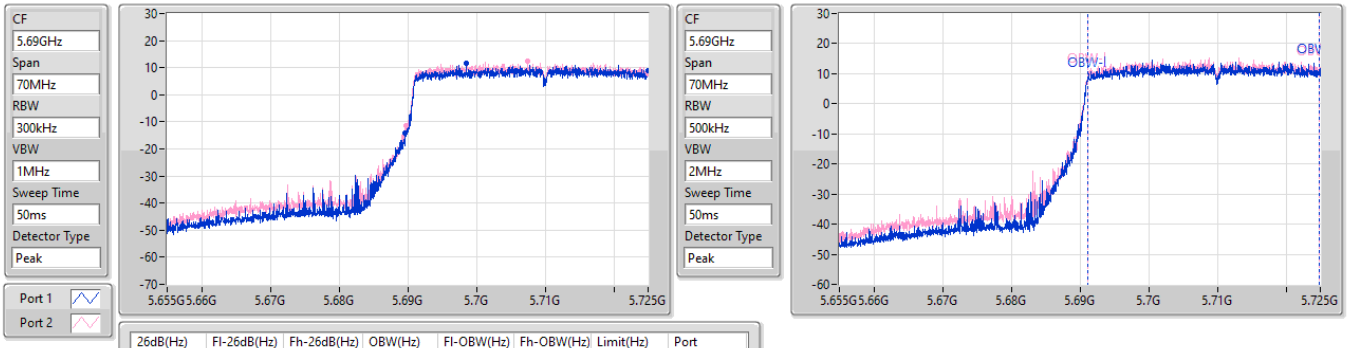


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.7M	5.64954G	5.69024G	37.694M	5.65115G	5.688844G	Inf	1
41.03M	5.64954G	5.69057G	37.728M	5.65112G	5.688847G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5710MHz Straddle 5.47-5.725GHz

20/04/2023

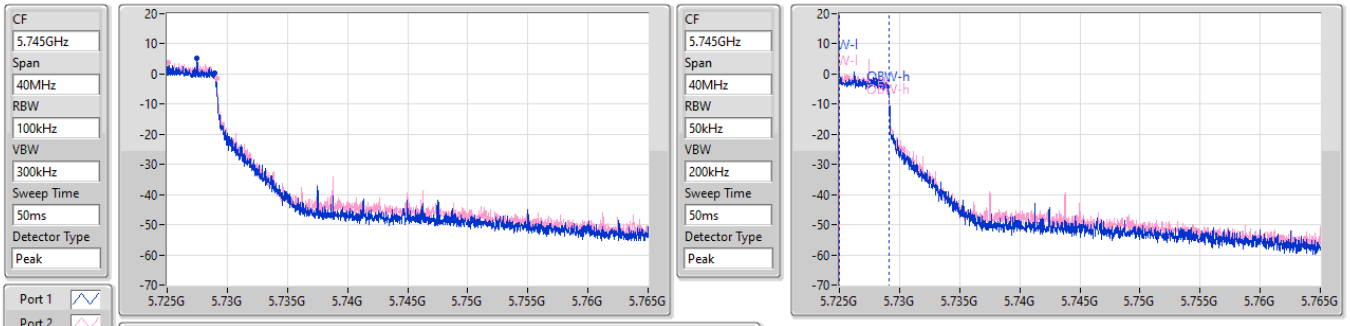


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.385M	5.689615G	5.725G	33.715M	5.691119G	5.724834G	Inf	1
35.28M	5.68972G	5.725G	33.667M	5.691135G	5.724801G	Inf	2

5.725-5.85GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5710MHz Straddle 5.725-5.85GHz

20/04/2023

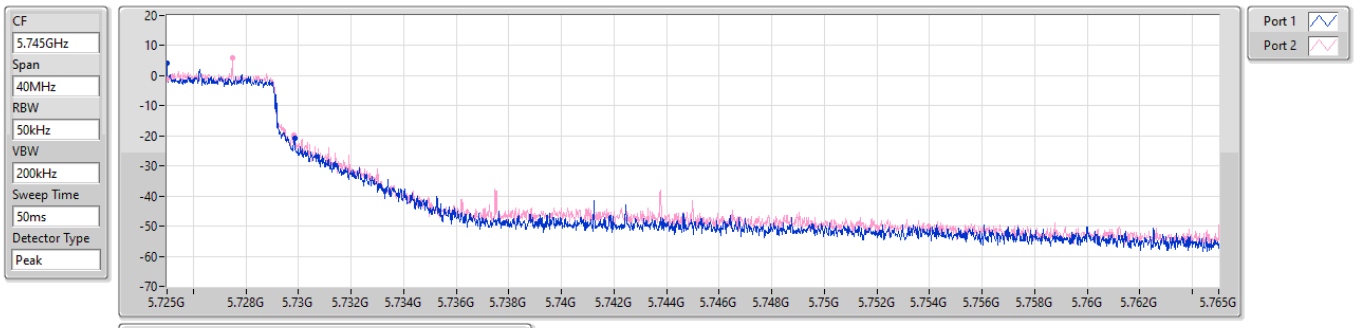


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.96M	5.725G	5.72896G	4.164M	5.725006G	5.72917G	500k	1
4.12M	5.725G	5.72912G	4.133M	5.725022G	5.729155G	500k	2

5.725-5.85GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5710MHz Straddle 5.725-5.85GHz

20/04/2023

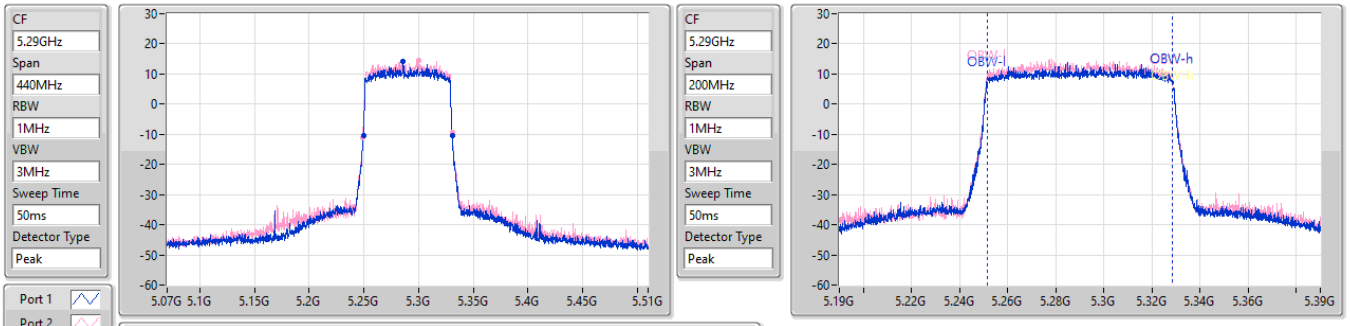


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.86M	5.725G	5.72986G	Inf	1
4.84M	5.725G	5.72984G	Inf	2

5.25-5.35GHz_802.11ax HEW80_Nss2,(MCS0)_2TX **EBW**

5290MHz

20/04/2023

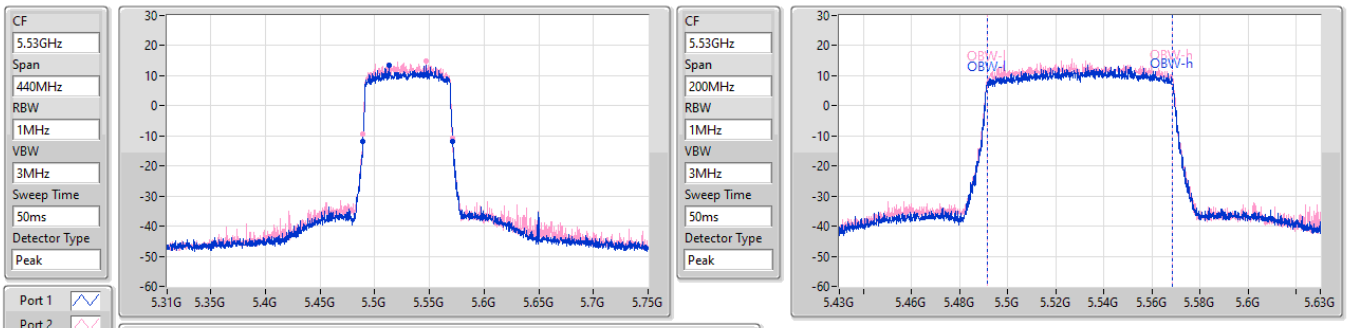


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.4M	5.24952G	5.33092G	77.171M	5.251471G	5.328642G	Inf	1
82.06M	5.24886G	5.33092G	76.961M	5.251485G	5.328447G	Inf	2

5.47-5.725GHz_802.11ax HEW80_Nss2,(MCS0)_2TX **EBW**

5530MHz

20/04/2023

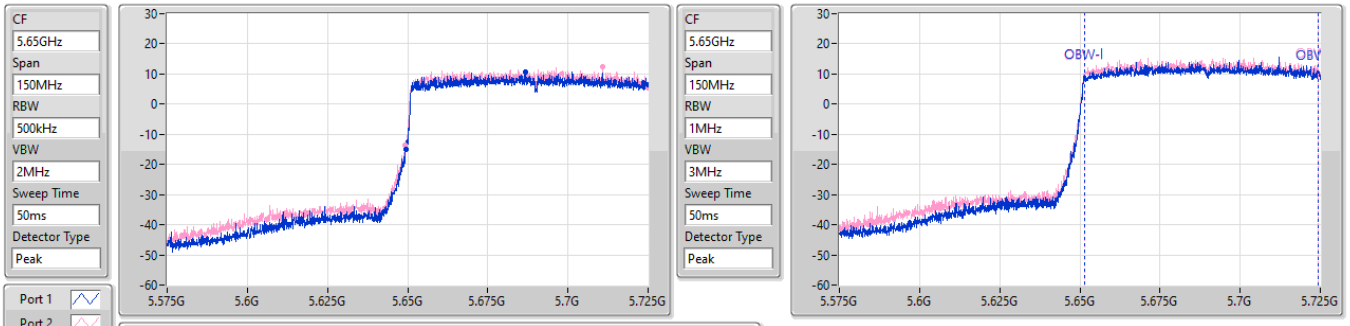


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.5M	5.48908G	5.57158G	77.042M	5.491536G	5.568578G	Inf	1
82.06M	5.48886G	5.57092G	76.988M	5.491551G	5.568538G	Inf	2

5.47-5.725GHz_802.11ax HEW80_Nss2,(MCS0)_2TX **EBW**

5690MHz Straddle 5.47-5.725GHz

20/04/2023

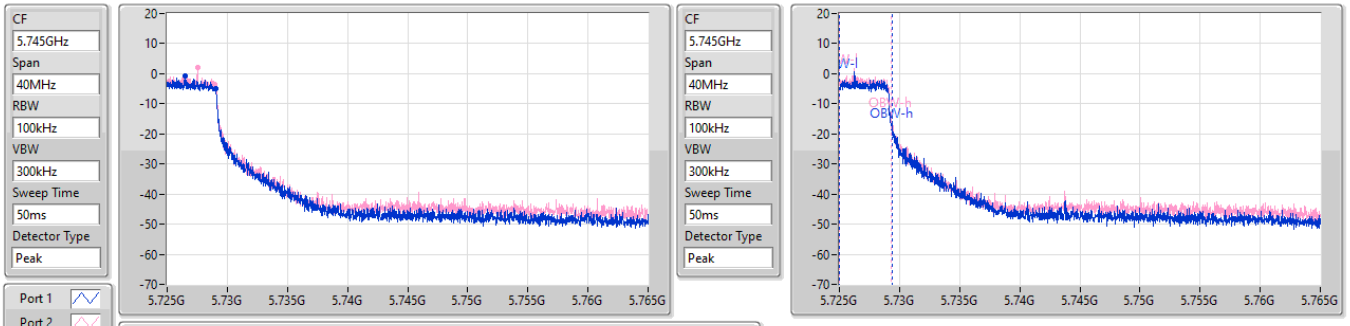


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.6M	5.6494G	5.725G	73.149M	5.651354G	5.724503G	Inf	1
75.675M	5.649325G	5.725G	72.98M	5.651456G	5.724436G	Inf	2

5.725-5.85GHz_802.11ax HEW80_Nss2,(MCS0)_2TX **EBW**

5690MHz Straddle 5.725-5.85GHz

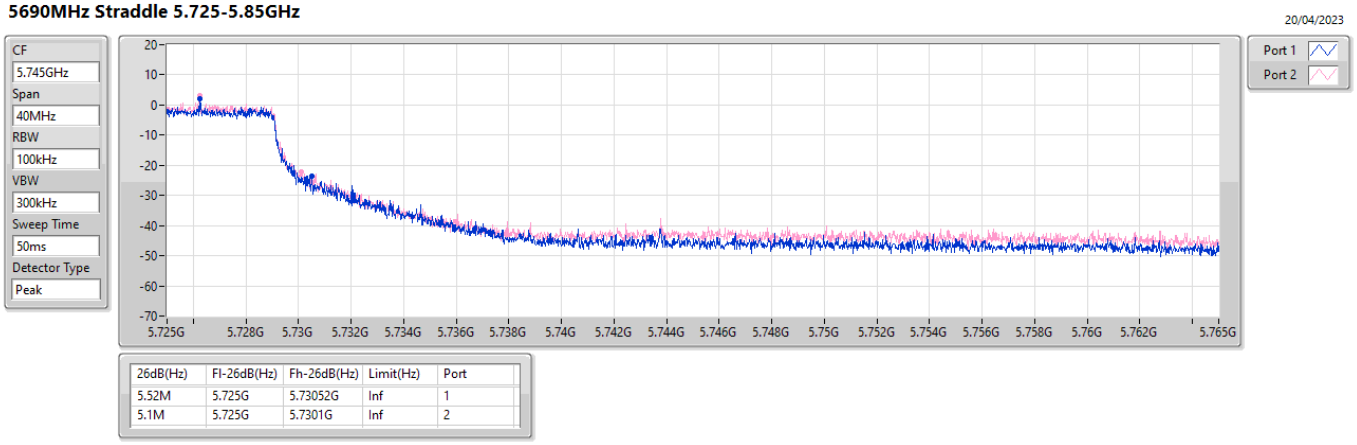
20/04/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.08M	5.725G	5.72908G	4.355M	5.725019G	5.729375G	500k	1
3.98M	5.725G	5.72898G	4.318M	5.725021G	5.729339G	500k	2

5.725-5.85GHz_802.11ax HEW80_Nss2,(MCS0)_2TX **EBW**

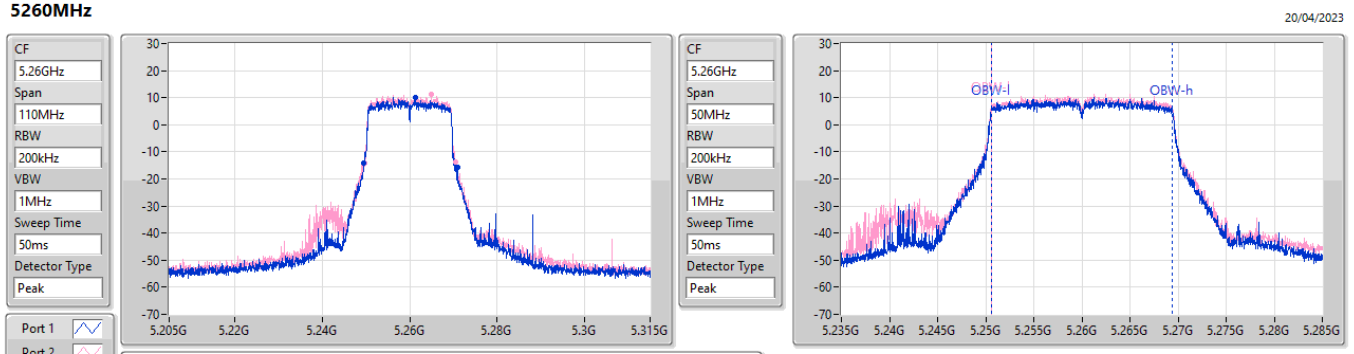
5690MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.52M	5.725G	5.73052G	Inf	1
5.1M	5.725G	5.7301G	Inf	2

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5260MHz

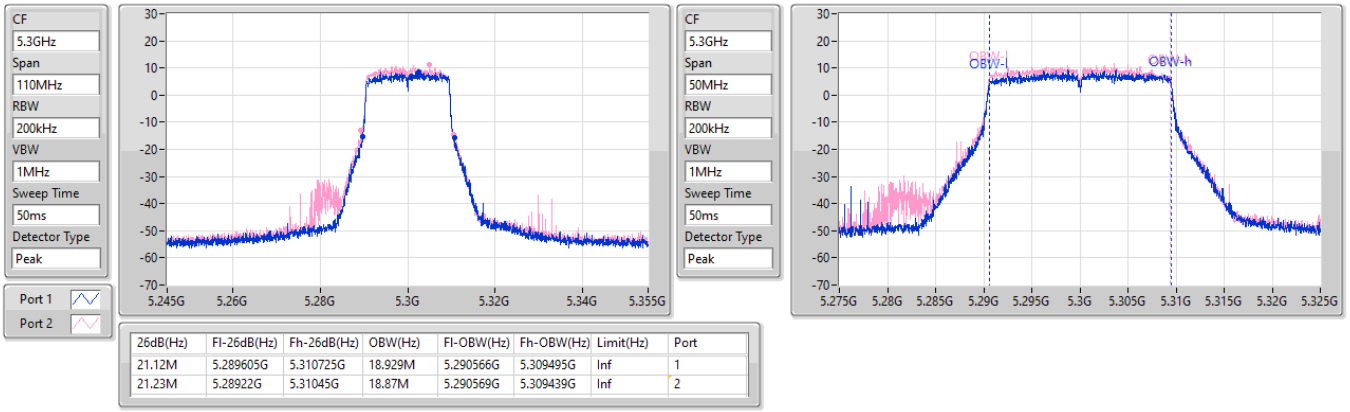


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.395M	5.24955G	5.270945G	18.874M	5.250567G	5.26944G	Inf	1
20.845M	5.24966G	5.270505G	18.877M	5.250562G	5.269439G	Inf	2

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5300MHz

20/04/2023

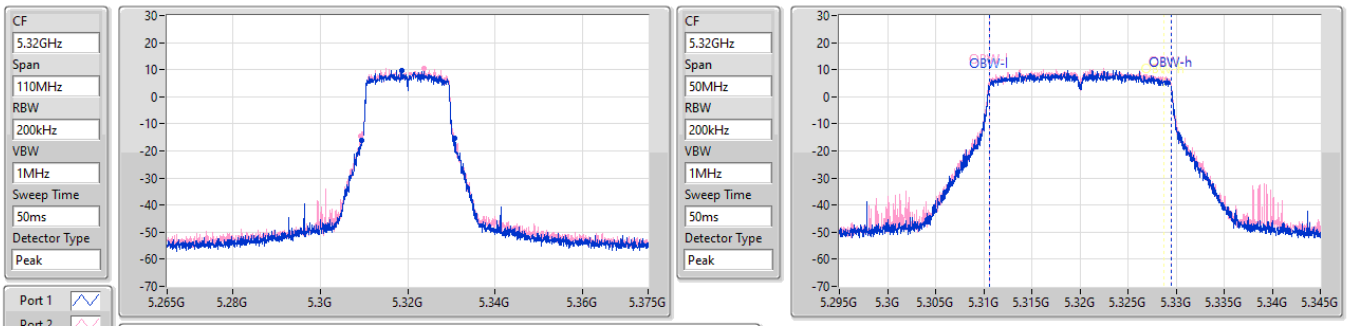


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.12M	5.289605G	5.310725G	18.929M	5.290566G	5.309495G	Inf	1
21.23M	5.28922G	5.31045G	18.87M	5.290569G	5.309439G	Inf	2

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5320MHz

20/04/2023

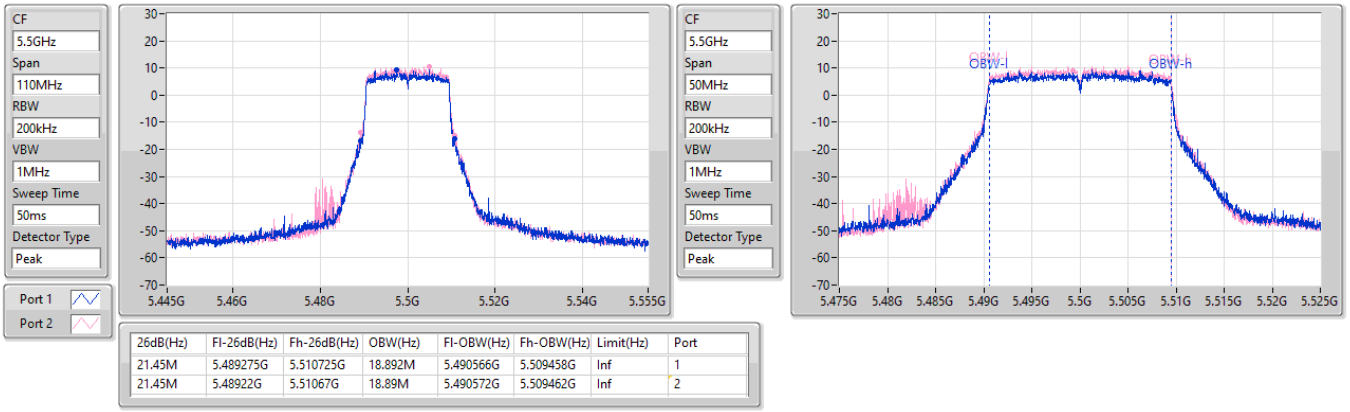


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.175M	5.309495G	5.33067G	18.893M	5.310562G	5.329455G	Inf	1
21.34M	5.30933G	5.33067G	18.898M	5.310557G	5.329455G	Inf	2

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5500MHz

20/04/2023

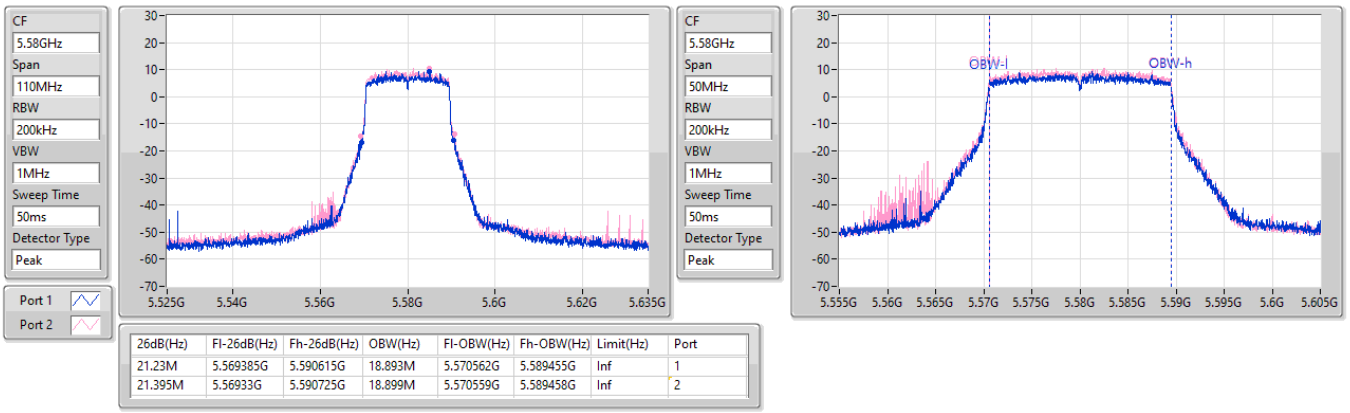


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.489275G	5.510725G	18.892M	5.490566G	5.509458G	Inf	1
21.45M	5.48922G	5.51067G	18.89M	5.490572G	5.509462G	Inf	2

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5580MHz

20/04/2023

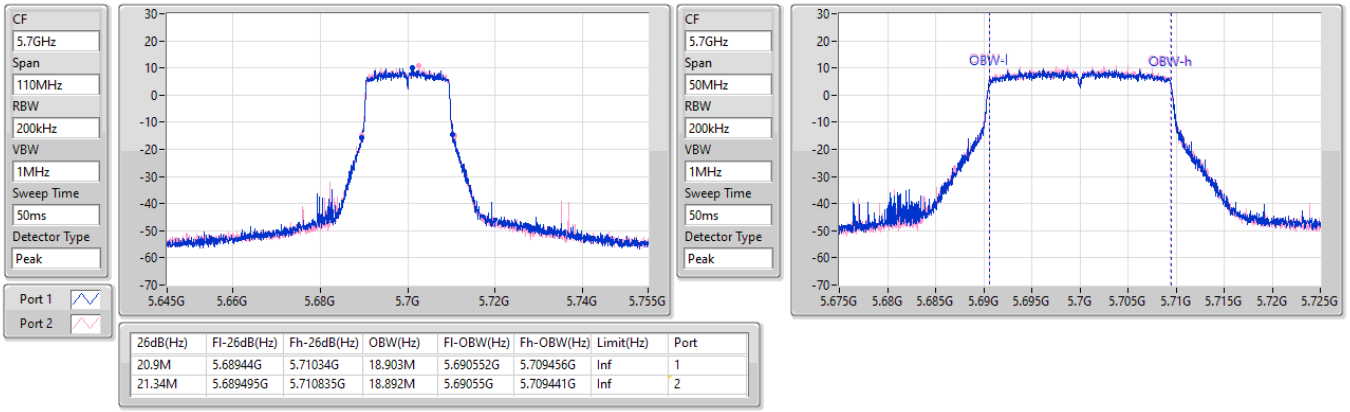


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.23M	5.569385G	5.590615G	18.893M	5.570562G	5.589455G	Inf	1
21.395M	5.56933G	5.590725G	18.899M	5.570559G	5.589458G	Inf	2

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5700MHz

20/04/2023

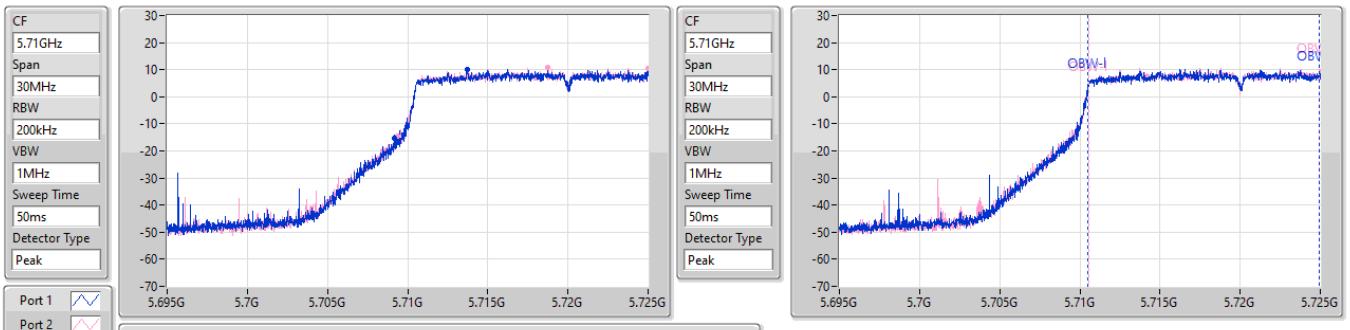


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.9M	5.68944G	5.71034G	18.903M	5.690552G	5.709456G	Inf	1
21.34M	5.689495G	5.710835G	18.892M	5.69055G	5.709441G	Inf	2

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.47-5.725GHz

20/04/2023

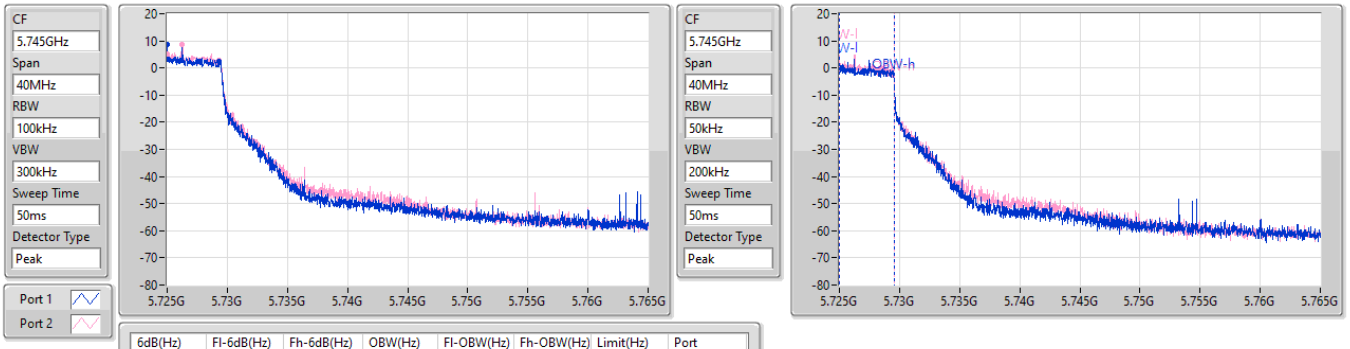


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.855M	5.709145G	5.725G	14.41M	5.710527G	5.724936G	Inf	1
15.6M	5.7094G	5.725G	14.42M	5.71053G	5.724951G	Inf	2

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

20/04/2023

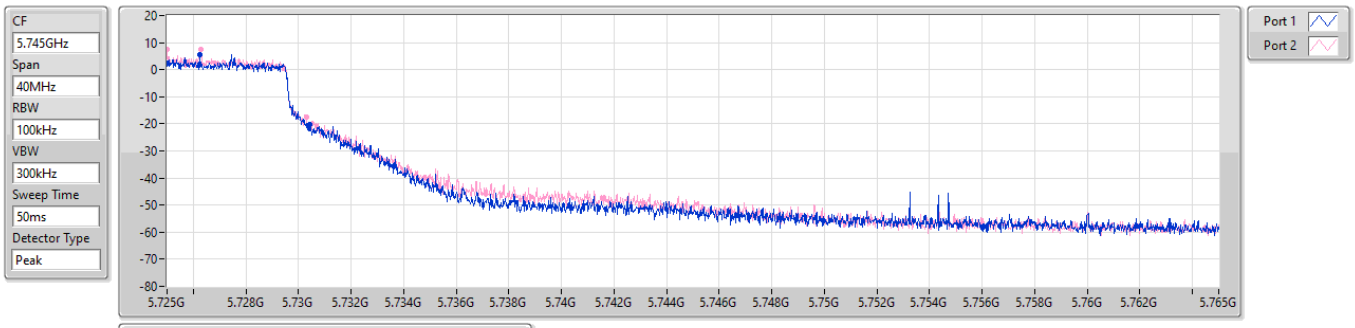


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.34M	5.725G	5.72934G	4.575M	5.72502G	5.729594G	500k	1
4.34M	5.725G	5.72934G	4.571M	5.725008G	5.729579G	500k	2

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

20/04/2023

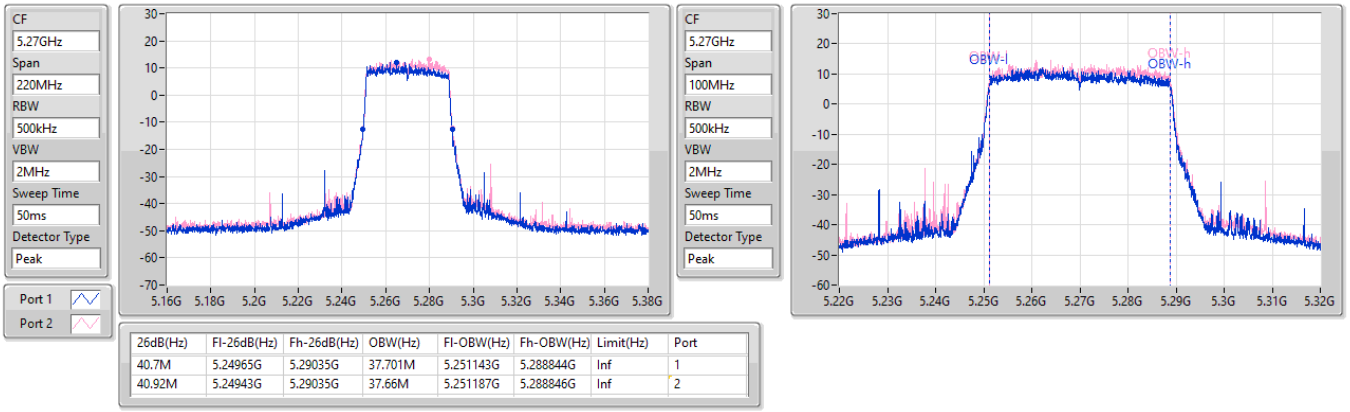


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.42M	5.725G	5.73042G	Inf	1
5.3M	5.725G	5.7303G	Inf	2

5.25-5.35GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5270MHz

20/04/2023

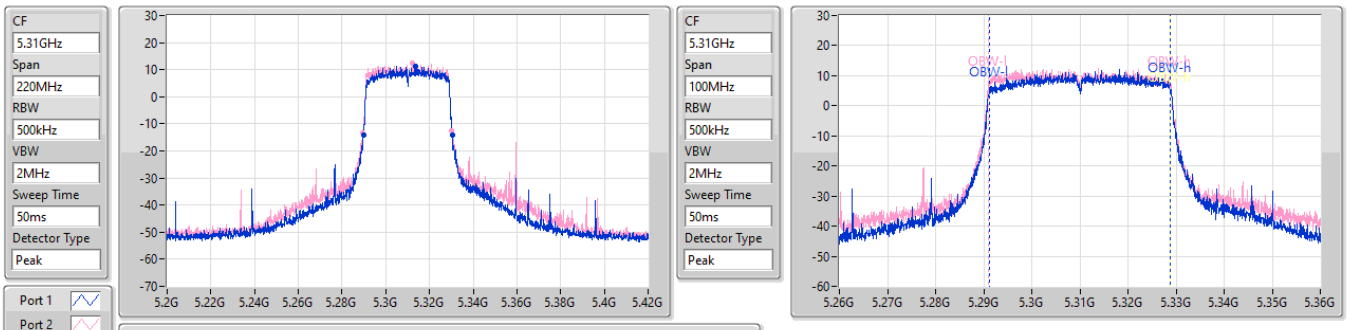


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.7M	5.24965G	5.29035G	37.701M	5.251143G	5.288844G	Inf	1
40.92M	5.24943G	5.29035G	37.66M	5.251187G	5.288846G	Inf	2

5.25-5.35GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5310MHz

20/04/2023

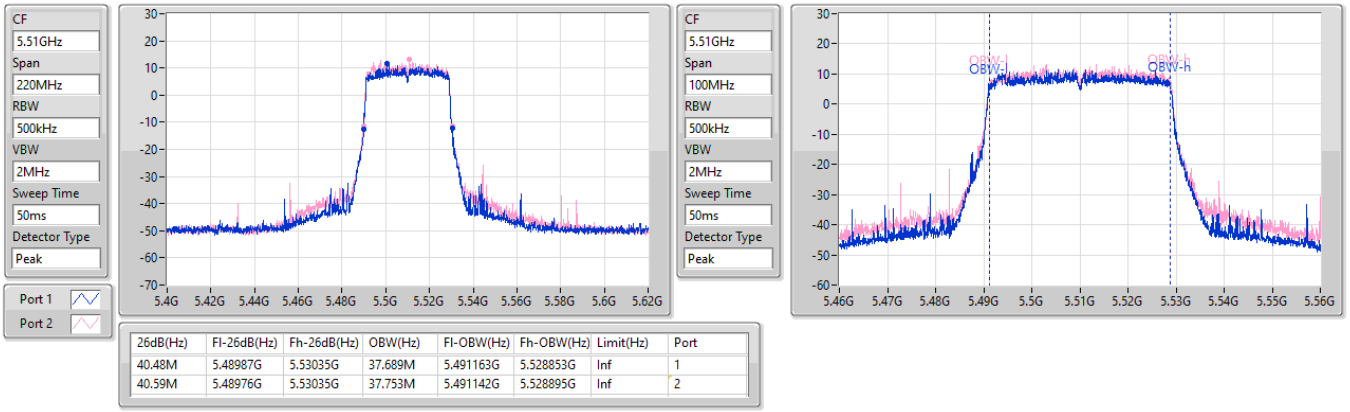


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.81M	5.28976G	5.33057G	37.626M	5.291245G	5.328871G	Inf	1
40.7M	5.28954G	5.33024G	37.771M	5.291087G	5.328858G	Inf	2

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5510MHz

20/04/2023

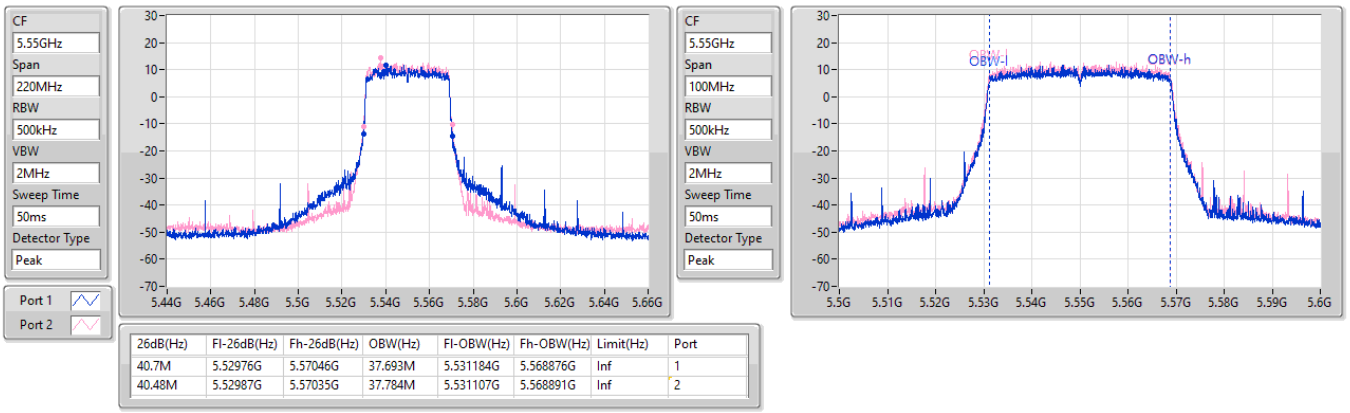


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.48M	5.48987G	5.53035G	37.689M	5.491163G	5.528853G	Inf	1
40.59M	5.48976G	5.53035G	37.753M	5.491142G	5.528895G	Inf	2

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5550MHz

20/04/2023

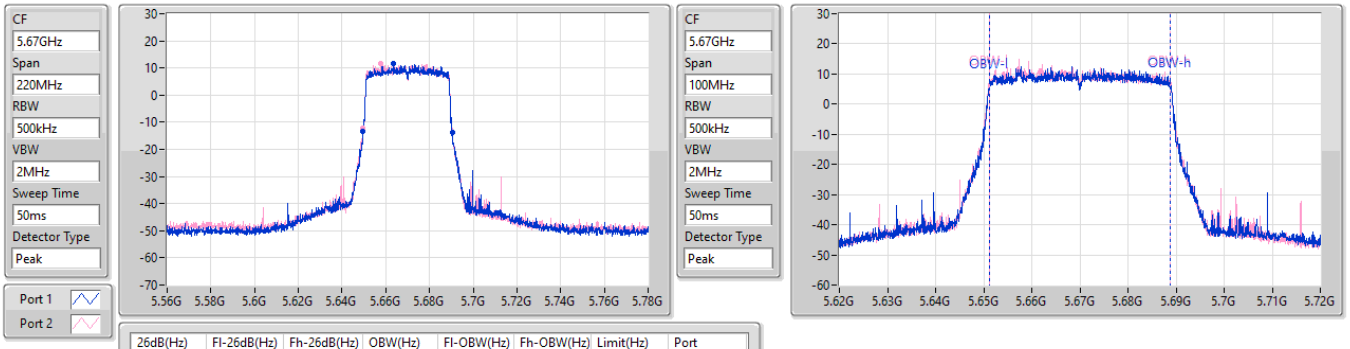


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.7M	5.52976G	5.57046G	37.693M	5.531184G	5.568876G	Inf	1
40.48M	5.52987G	5.57035G	37.784M	5.531107G	5.568891G	Inf	2

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5670MHz

20/04/2023

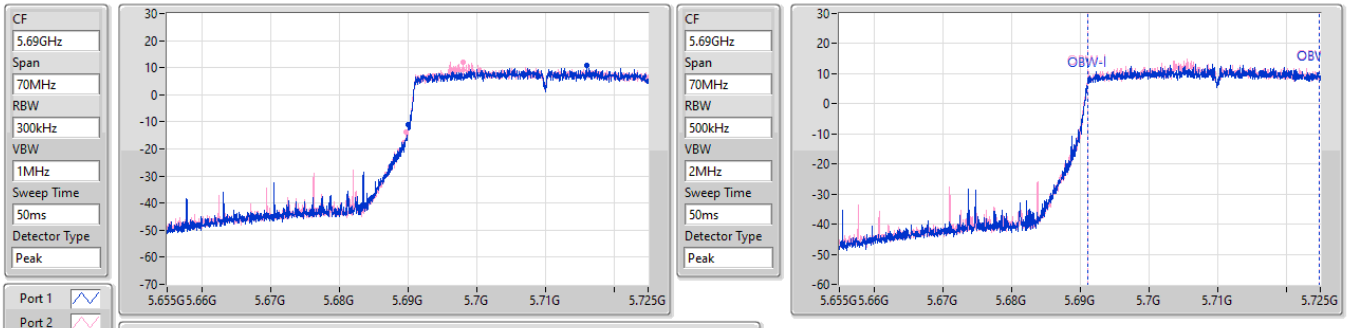


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.92M	5.64954G	5.69046G	37.699M	5.651172G	5.68887G	Inf	1
40.7M	5.64965G	5.69035G	37.714M	5.651147G	5.688861G	Inf	2

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.47-5.725GHz

20/04/2023

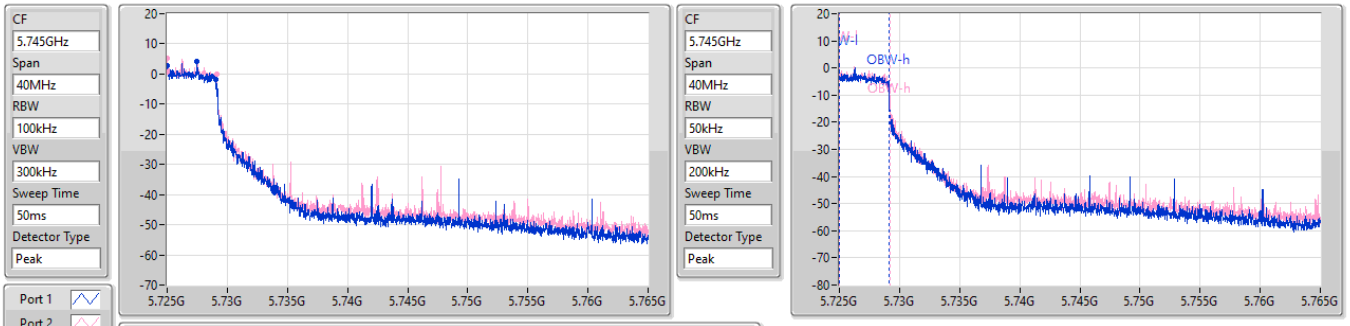


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	5.69G	5.725G	33.659M	5.691119G	5.724777G	Inf	1
35.21M	5.68979G	5.725G	33.638M	5.691138G	5.724776G	Inf	2

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.725-5.85GHz

20/04/2023

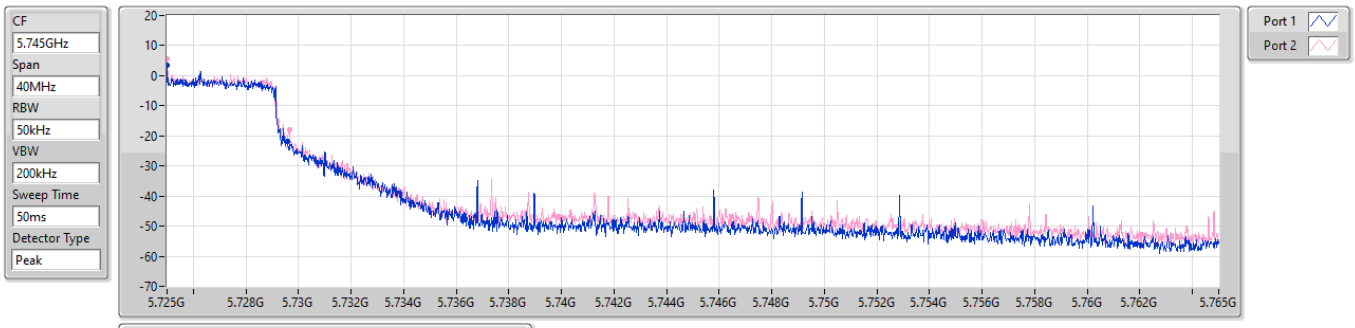


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.02M	5.725G	5.72902G	4.152M	5.725005G	5.729157G	500k	1
4.14M	5.725G	5.72914G	4.198M	5.725004G	5.729202G	500k	2

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.725-5.85GHz

20/04/2023

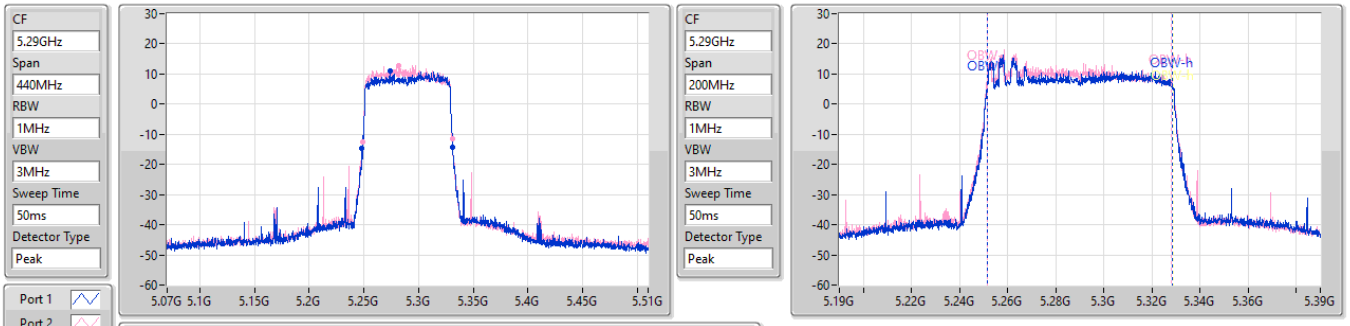


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.6M	5.725G	5.7296G	Inf	1
4.66M	5.725G	5.72966G	Inf	2

5.25-5.35GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

5290MHz

20/04/2023

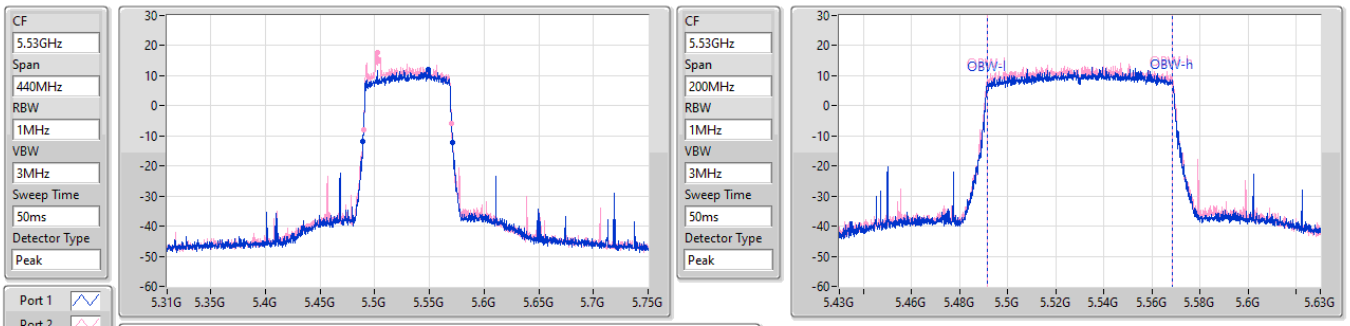


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.38M	5.24776G	5.33114G	76.815M	5.251723G	5.328538G	Inf	1
82.06M	5.24886G	5.33092G	76.631M	5.251597G	5.328228G	Inf	2

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

5530MHz

20/04/2023

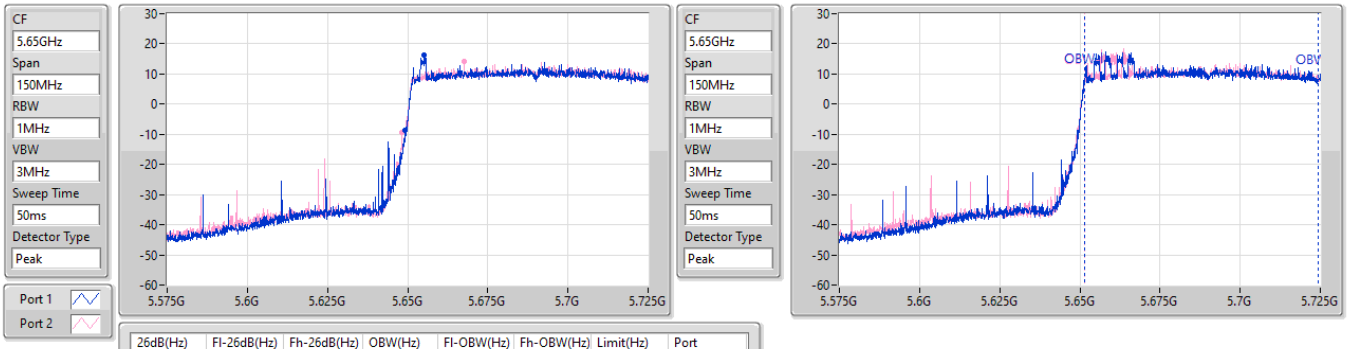


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.06M	5.48908G	5.57114G	77.005M	5.491577G	5.568581G	Inf	1
80.52M	5.48974G	5.57026G	77.118M	5.49147G	5.568589G	Inf	2

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

5690MHz Straddle 5.47-5.725GHz

20/04/2023

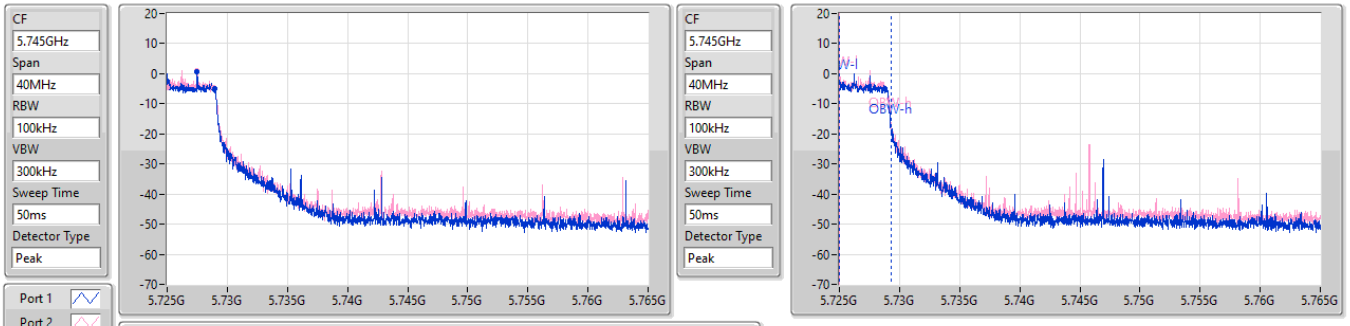


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.75M	5.64925G	5.725G	72.815M	5.651578G	5.724393G	Inf	1
76.875M	5.648125G	5.725G	72.808M	5.651563G	5.724371G	Inf	2

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

5690MHz Straddle 5.725-5.85GHz

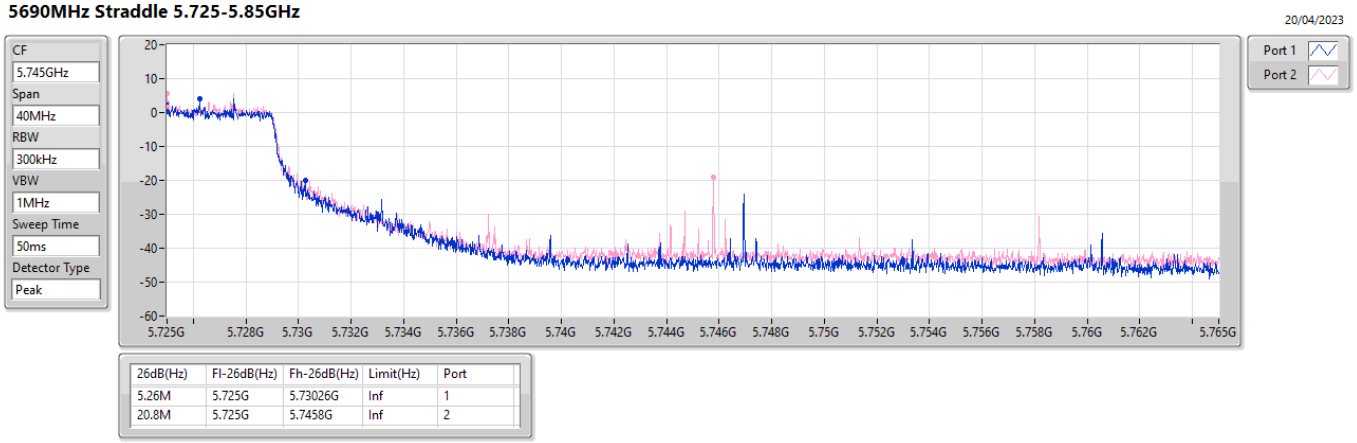
20/04/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.96M	5.725G	5.72896G	4.275M	5.725018G	5.729293G	500k	1
3.86M	5.725G	5.72886G	4.276M	5.725017G	5.729292G	500k	2

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

5690MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.26M	5.725G	5.73026G	Inf	1
20.8M	5.725G	5.7458G	Inf	2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	22.54	0.17947
802.11ax HEW20_Nss1,(MCS0)_2TX	23.29	0.21330
802.11ax HEW20_Nss2,(MCS0)_2TX	23.88	0.24434
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.94	0.15631
802.11ax HEW40_Nss1,(MCS0)_2TX	23.97	0.24946
802.11ax HEW40_Nss2,(MCS0)_2TX	23.97	0.24946
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.77	0.15031
802.11ax HEW80_Nss1,(MCS0)_2TX	23.69	0.23388
802.11ax HEW80_Nss2,(MCS0)_2TX	23.70	0.23442
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.56	0.14322
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	22.57	0.18072
802.11ax HEW20_Nss1,(MCS0)_2TX	23.09	0.20370
802.11ax HEW20_Nss2,(MCS0)_2TX	23.97	0.24946
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.83	0.15241
802.11ax HEW40_Nss1,(MCS0)_2TX	23.94	0.24774
802.11ax HEW40_Nss2,(MCS0)_2TX	23.95	0.24831
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.33	0.13583
802.11ax HEW80_Nss1,(MCS0)_2TX	23.72	0.23550
802.11ax HEW80_Nss2,(MCS0)_2TX	23.72	0.23550
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.97	0.15740
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	14.11	0.02576
802.11ax HEW20_Nss1,(MCS0)_2TX	15.54	0.03581
802.11ax HEW20_Nss2,(MCS0)_2TX	17.25	0.05309
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	14.74	0.02979
802.11ax HEW40_Nss1,(MCS0)_2TX	13.96	0.02489
802.11ax HEW40_Nss2,(MCS0)_2TX	13.87	0.02438
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.00	0.01259
802.11ax HEW80_Nss1,(MCS0)_2TX	9.96	0.00991
802.11ax HEW80_Nss2,(MCS0)_2TX	9.89	0.00975
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	7.22	0.00527

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.02	19.02	19.81	22.44	23.98
5300MHz	Pass	5.02	19.00	19.46	22.25	23.98
5320MHz	Pass	5.02	19.39	19.66	22.54	23.98
5500MHz	Pass	5.02	18.31	18.71	21.52	23.98
5580MHz	Pass	5.02	19.48	19.64	22.57	23.98
5700MHz	Pass	5.02	19.03	19.67	22.37	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.02	17.19	17.63	20.43	22.83
5720MHz Straddle 5.725-5.85GHz	Pass	5.02	10.88	11.31	14.11	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.02	20.21	20.35	23.29	23.98
5300MHz	Pass	5.02	19.62	19.98	22.81	23.98
5320MHz	Pass	5.02	19.73	20.27	23.02	23.98
5500MHz	Pass	5.02	19.29	19.85	22.59	23.98
5580MHz	Pass	5.02	20.03	20.13	23.09	23.98
5700MHz	Pass	5.02	19.56	20.25	22.93	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.02	17.53	18.18	20.88	22.99
5720MHz Straddle 5.725-5.85GHz	Pass	5.02	12.05	12.97	15.54	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	5.02	20.65	20.97	23.82	23.98
5310MHz	Pass	5.02	20.68	21.22	23.97	23.98
5510MHz	Pass	5.02	20.32	20.97	23.67	23.98
5550MHz	Pass	5.02	20.67	21.18	23.94	23.98
5670MHz	Pass	5.02	20.70	21.10	23.91	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.02	20.55	21.13	23.86	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.02	10.56	11.30	13.96	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	5.02	20.48	20.87	23.69	23.98
5530MHz	Pass	5.02	20.46	20.94	23.72	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.02	20.26	20.80	23.55	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.02	6.80	7.10	9.96	30.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.99	20.77	20.97	23.88	23.98
5300MHz	Pass	4.99	20.55	21.15	23.87	23.98
5320MHz	Pass	4.99	20.33	20.89	23.63	23.98
5500MHz	Pass	4.99	20.35	20.70	23.54	23.98
5580MHz	Pass	4.99	20.63	20.72	23.69	23.98
5700MHz	Pass	4.99	20.69	21.21	23.97	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.99	19.32	19.99	22.68	22.98
5720MHz Straddle 5.725-5.85GHz	Pass	4.99	13.88	14.57	17.25	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	4.99	20.69	21.01	23.86	23.98
5310MHz	Pass	4.99	20.80	21.12	23.97	23.98
5510MHz	Pass	4.99	20.32	20.81	23.58	23.98
5550MHz	Pass	4.99	20.32	20.68	23.51	23.98
5670MHz	Pass	4.99	20.71	21.10	23.92	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.99	20.55	21.29	23.95	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.99	10.52	11.18	13.87	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	4.99	20.52	20.86	23.70	23.98
5530MHz	Pass	4.99	20.37	20.88	23.64	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.99	20.52	20.89	23.72	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.99	6.73	7.02	9.89	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.00	18.66	18.99	21.84	21.98

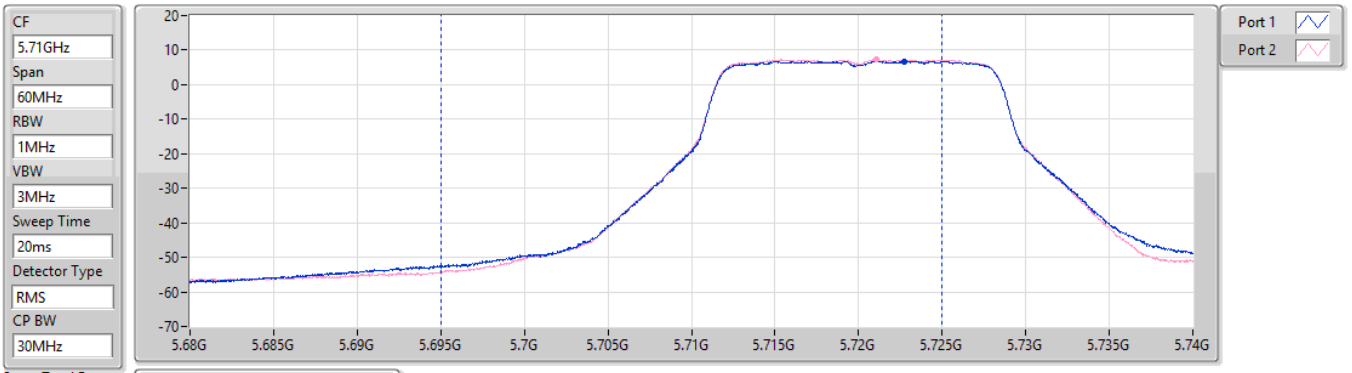
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
5300MHz	Pass	8.00	19.02	18.79	21.92	21.98
5320MHz	Pass	8.00	18.97	18.89	21.94	21.98
5500MHz	Pass	8.00	18.66	18.98	21.83	21.98
5580MHz	Pass	8.00	18.56	18.50	21.54	21.98
5700MHz	Pass	8.00	18.33	18.33	21.34	21.98
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	16.48	17.67	20.13	20.96
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	11.34	12.08	14.74	28.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	8.00	18.12	18.85	21.51	21.98
5310MHz	Pass	8.00	18.74	18.77	21.77	21.98
5510MHz	Pass	8.00	18.15	18.47	21.32	21.98
5550MHz	Pass	8.00	17.81	18.54	21.20	21.98
5670MHz	Pass	8.00	17.77	18.80	21.33	21.98
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	17.70	18.82	21.31	21.98
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	8.00	7.97	11.00	28.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	8.00	18.41	18.68	21.56	21.98
5530MHz	Pass	8.00	18.58	19.31	21.97	21.98
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	17.94	18.33	21.15	21.98
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	3.99	4.41	7.22	28.00

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

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

24/12/2022

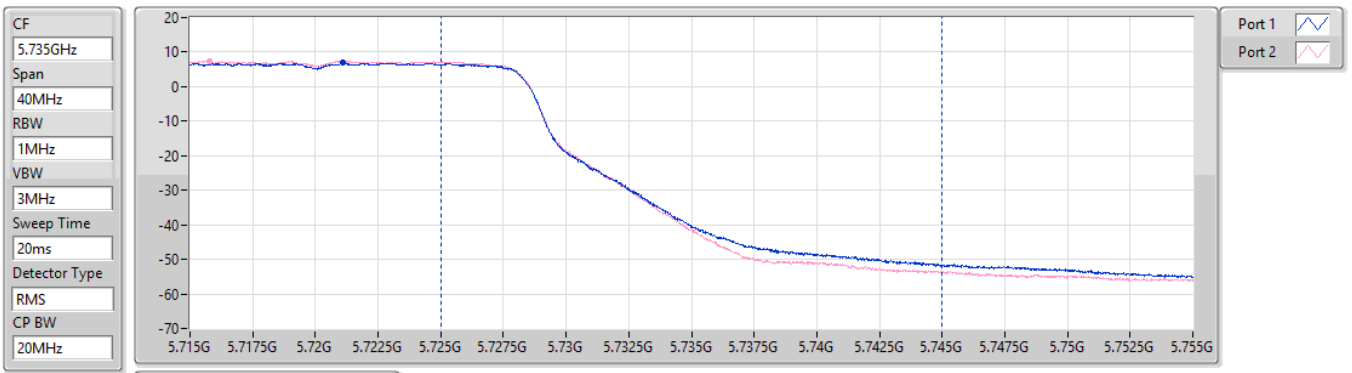


Sum(dBm)	P1(dBm)	P2(dBm)
20.43	17.19	17.63

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

24/12/2022

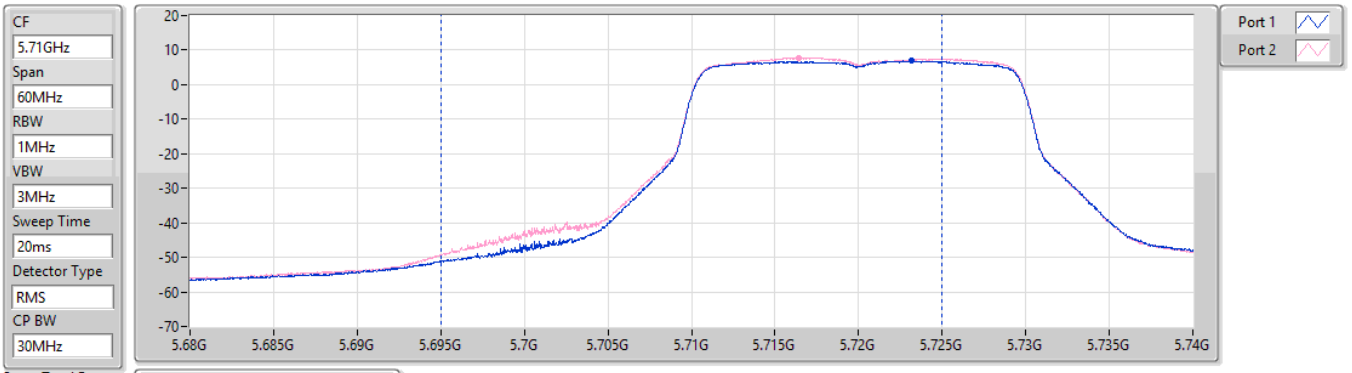


Sum(dBm)	P1(dBm)	P2(dBm)
14.11	10.88	11.31

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

24/12/2022

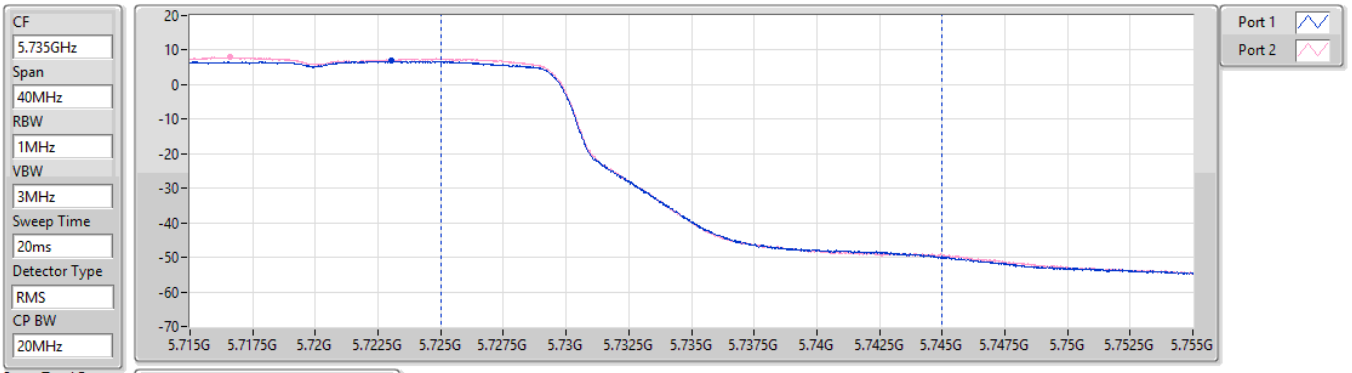


Sum(dBm)	P1(dBm)	P2(dBm)
20.88	17.53	18.18

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

24/12/2022

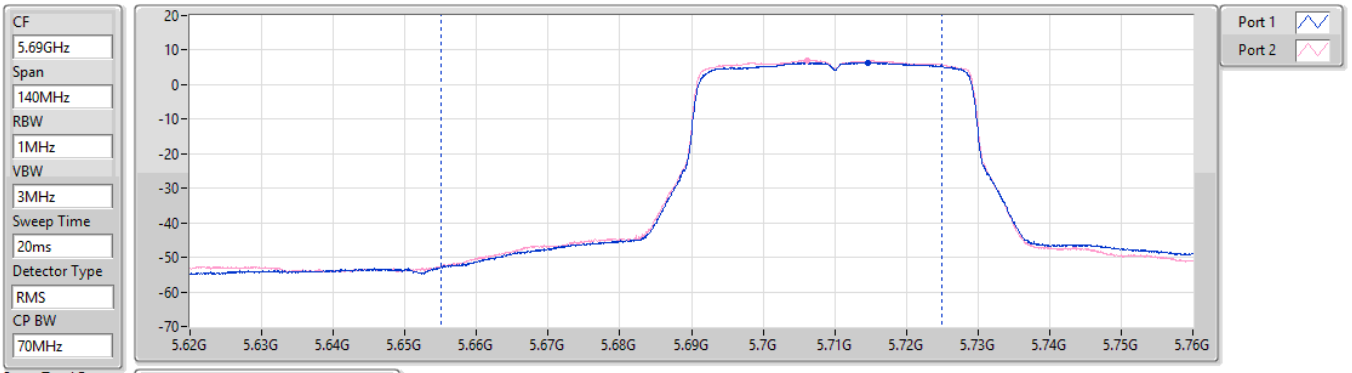


Sum(dBm)	P1(dBm)	P2(dBm)
15.54	12.05	12.97

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.47-5.725GHz_TX

24/12/2022

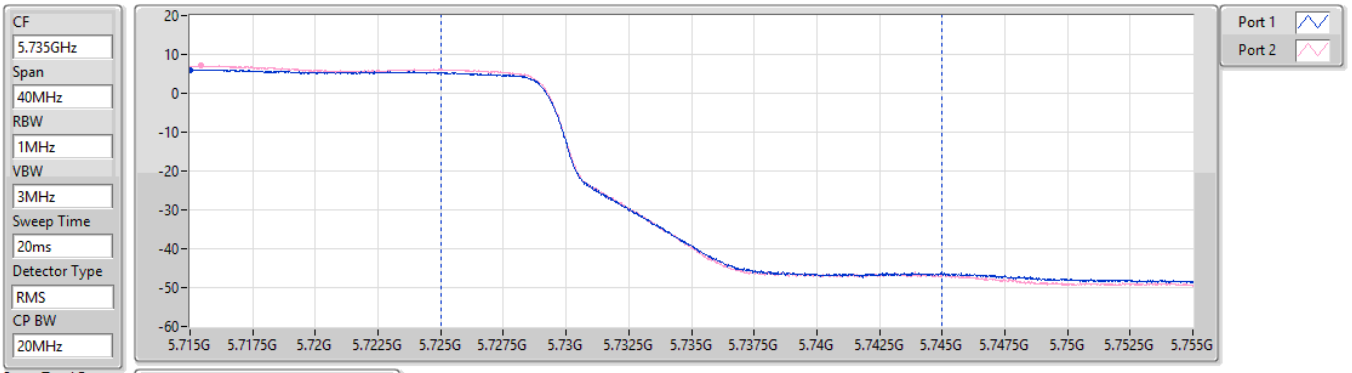


Sum(dBm)	P1(dBm)	P2(dBm)
23.86	20.55	21.13

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.725-5.85GHz_TX

24/12/2022

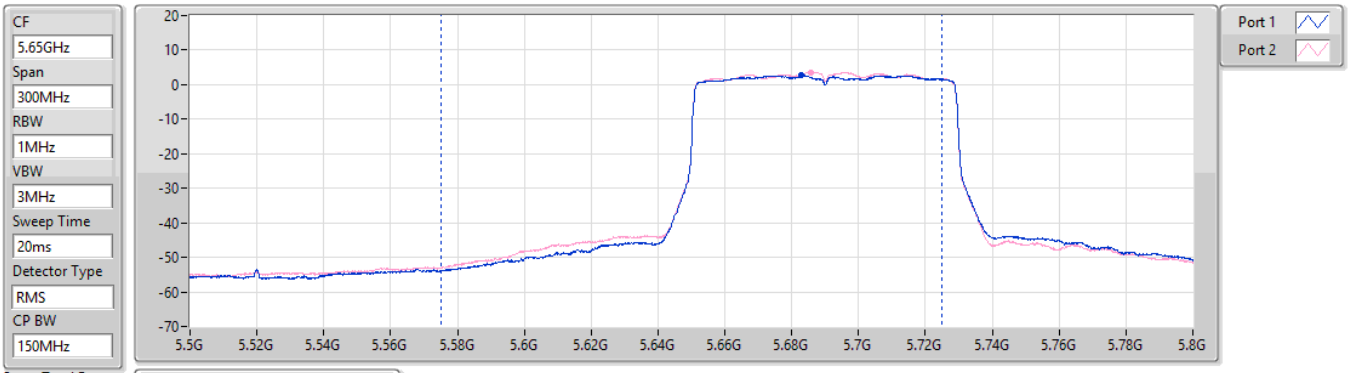


Sum(dBm)	P1(dBm)	P2(dBm)
13.96	10.56	11.30

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz_TX

24/12/2022

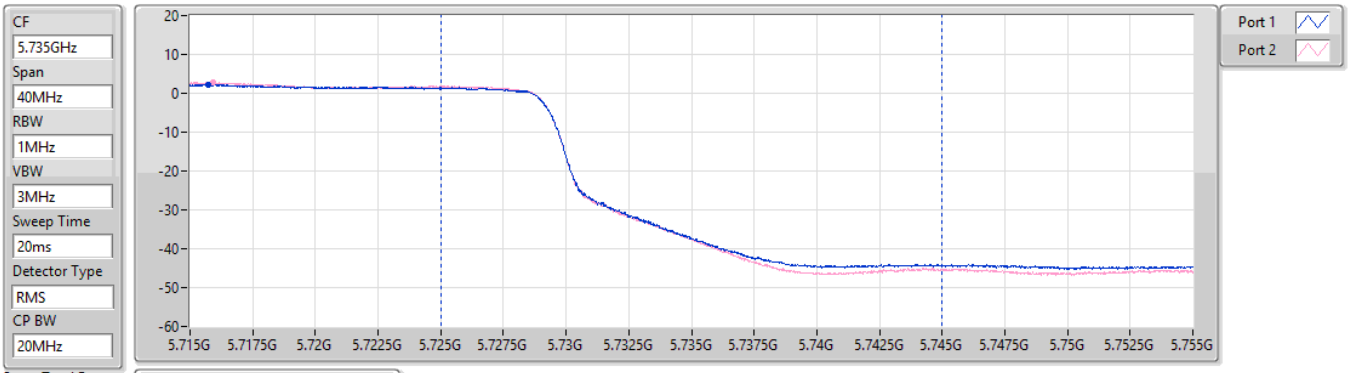


Sum(dBm)	P1(dBm)	P2(dBm)
23.55	20.26	20.80

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TX

24/12/2022

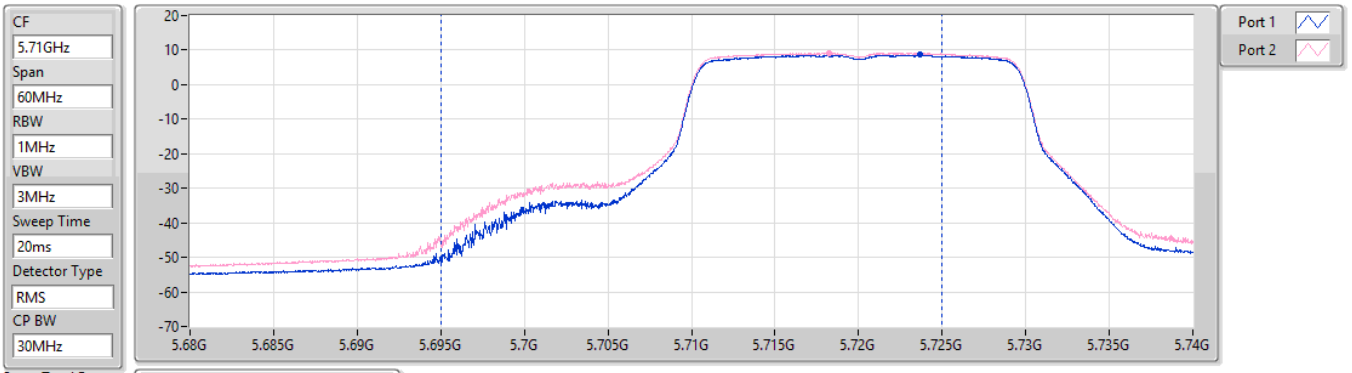


Sum(dBm)	P1(dBm)	P2(dBm)
9.96	6.80	7.10

5.47-5.725GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

24/12/2022

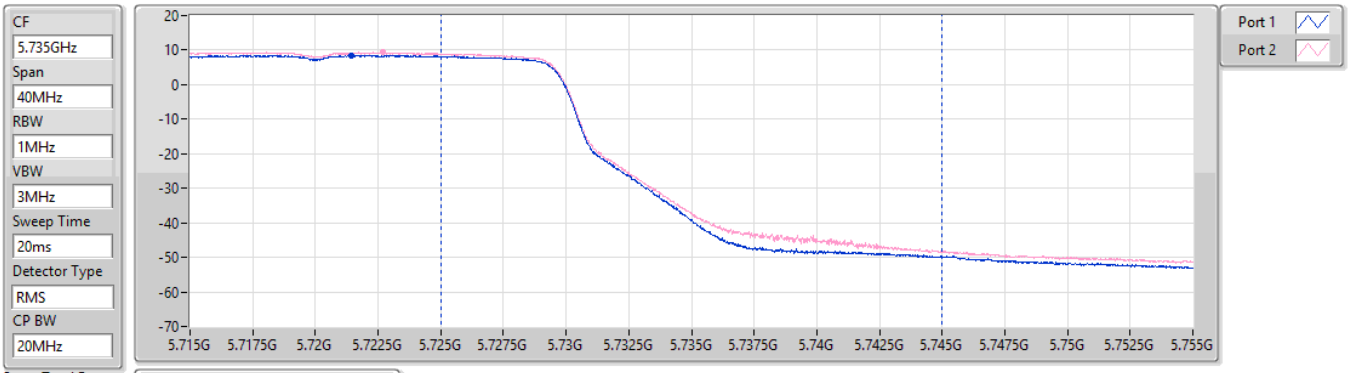


Sum(dBm)	P1(dBm)	P2(dBm)
22.68	19.32	19.99

5.725-5.85GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

24/12/2022

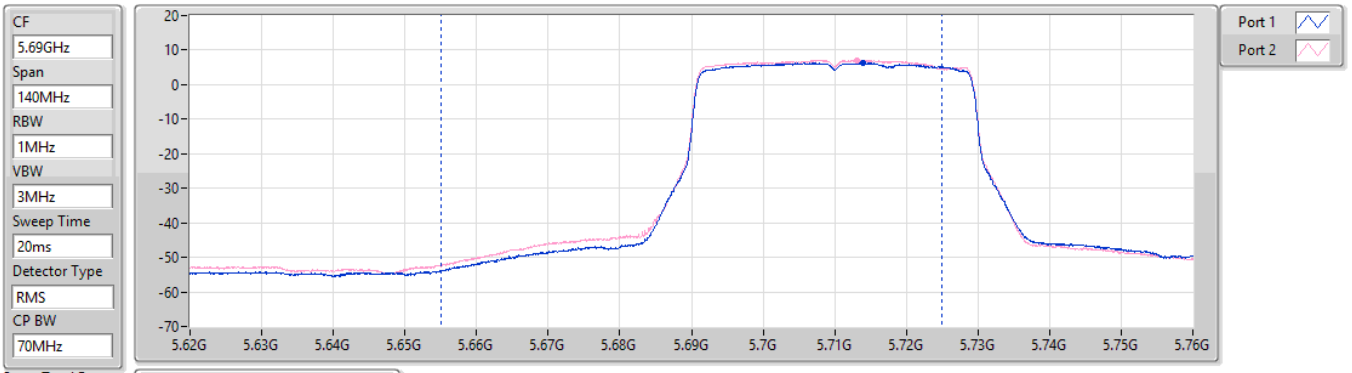


Sum(dBm)	P1(dBm)	P2(dBm)
17.25	13.88	14.57

5.47-5.725GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.47-5.725GHz_TX

24/12/2022

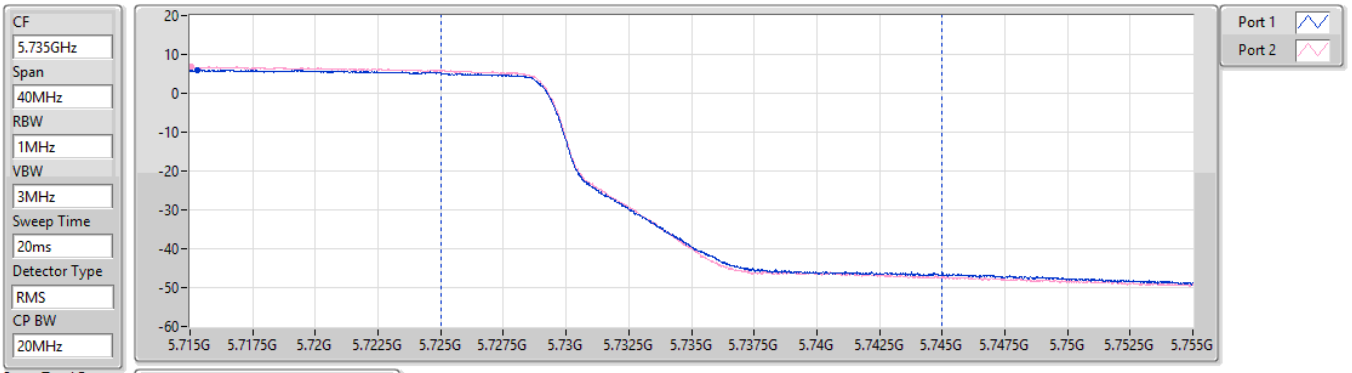


Sum(dBm)	P1(dBm)	P2(dBm)
23.95	20.55	21.29

5.725-5.85GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.725-5.85GHz_TX

24/12/2022

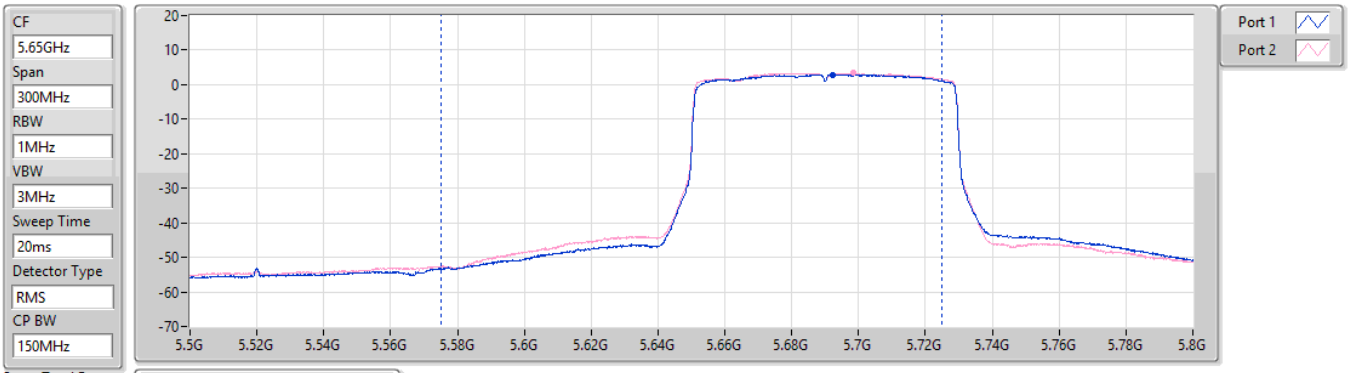


Sum(dBm)	P1(dBm)	P2(dBm)
13.87	10.52	11.18

5.47-5.725GHz_802.11ax HEW80_Nss2,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz_TX

24/12/2022

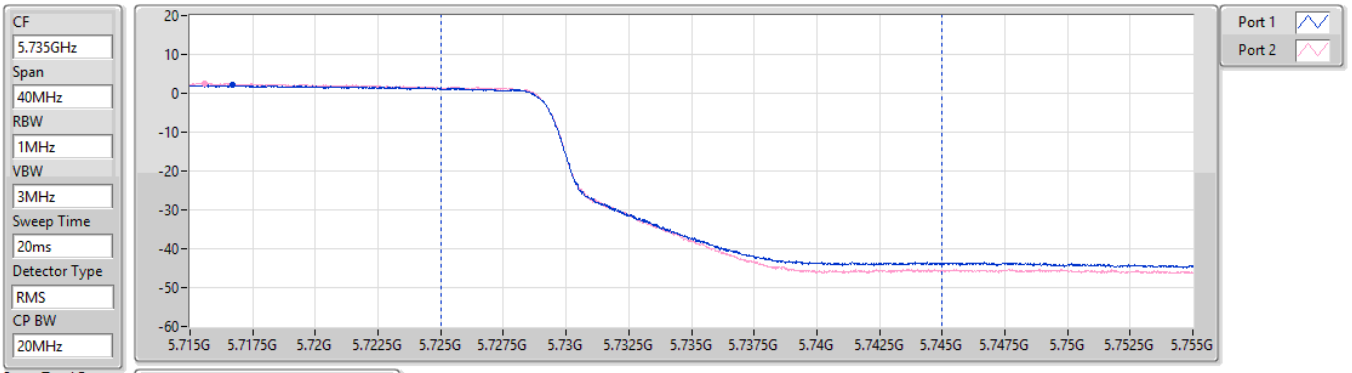


Sum(dBm)	P1(dBm)	P2(dBm)
23.72	20.52	20.89

5.725-5.85GHz_802.11ax HEW80_Nss2,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TX

24/12/2022

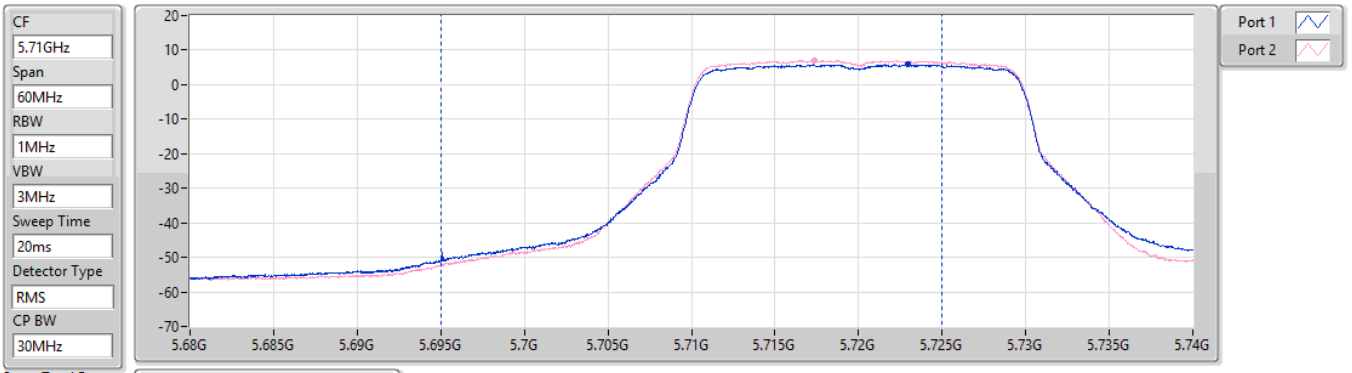


Sum(dBm)	P1(dBm)	P2(dBm)
9.89	6.73	7.02

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

26/12/2022

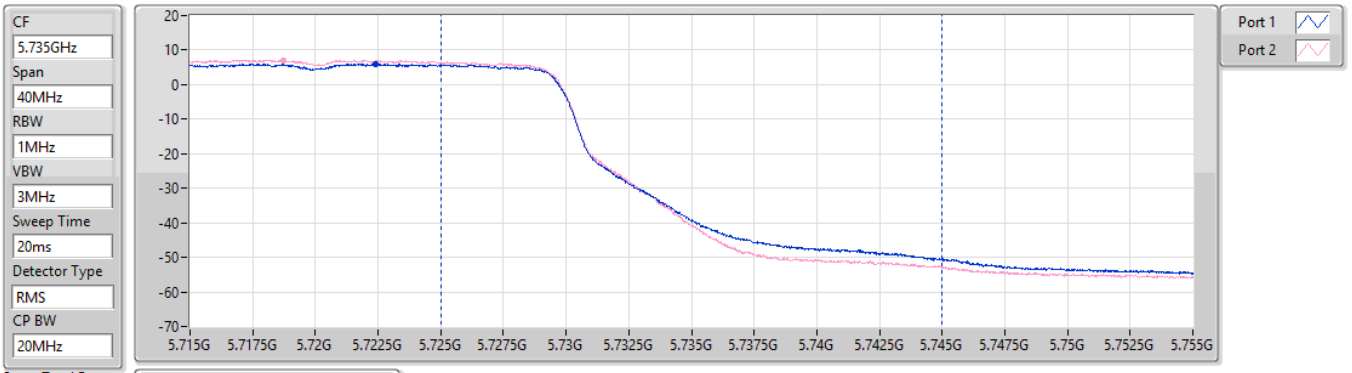


Sum(dBm)	P1(dBm)	P2(dBm)
20.13	16.48	17.67

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

26/12/2022

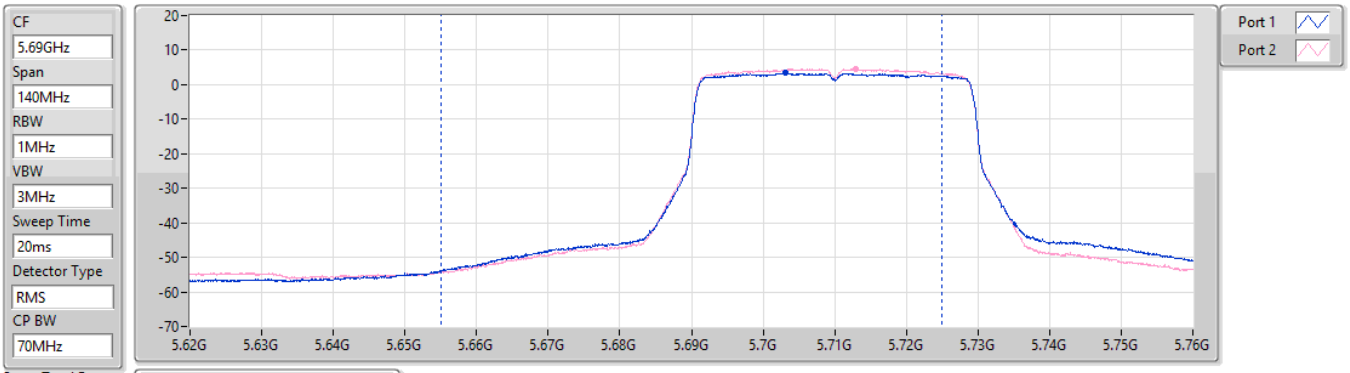


Sum(dBm)	P1(dBm)	P2(dBm)
14.74	11.34	12.08

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.47-5.725GHz_TX

26/12/2022

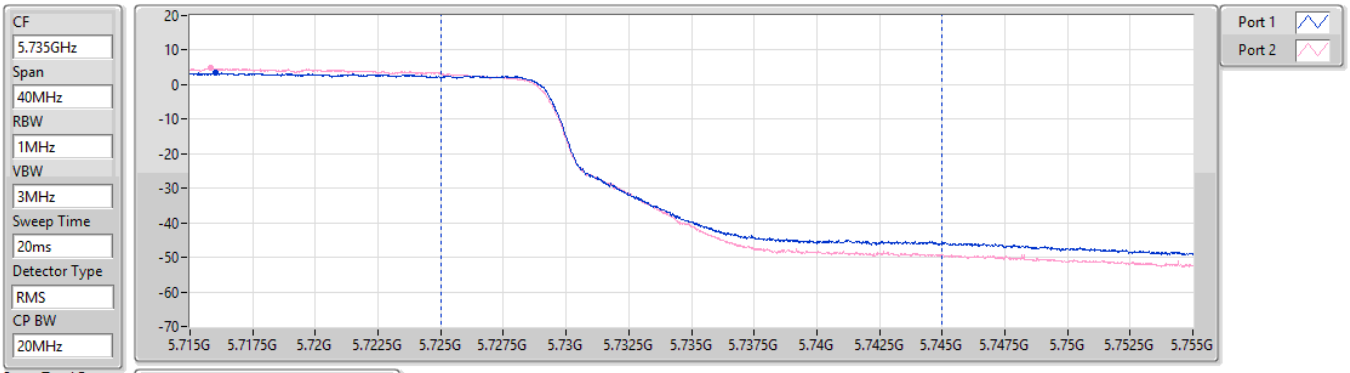


Sum(dBm)	P1(dBm)	P2(dBm)
21.31	17.70	18.82

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.725-5.85GHz_TX

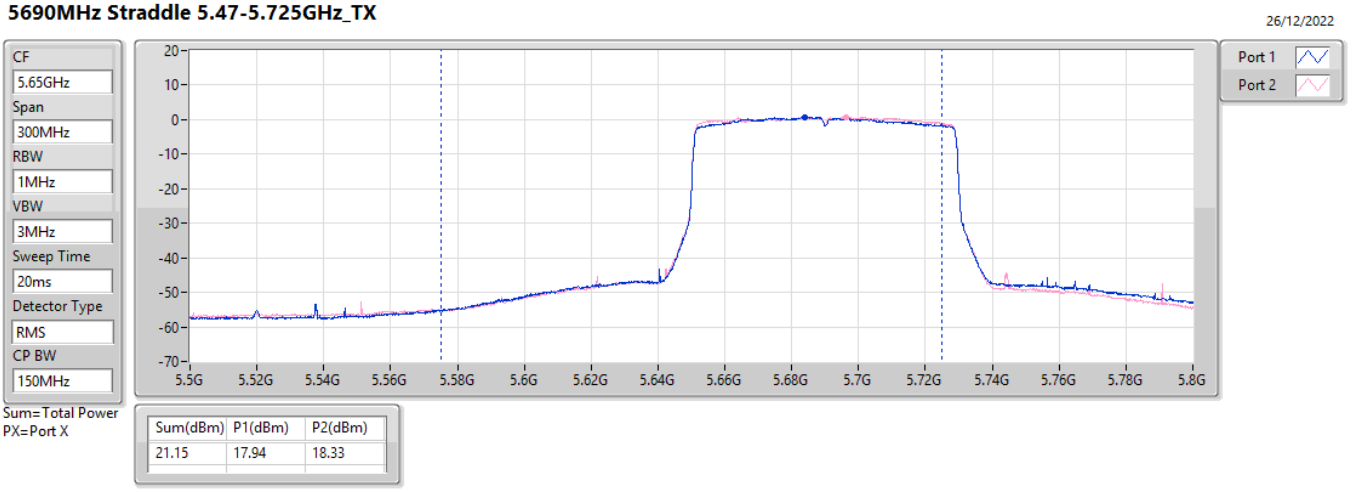
26/12/2022



Sum(dBm)	P1(dBm)	P2(dBm)
11.00	8.00	7.97

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz_TX

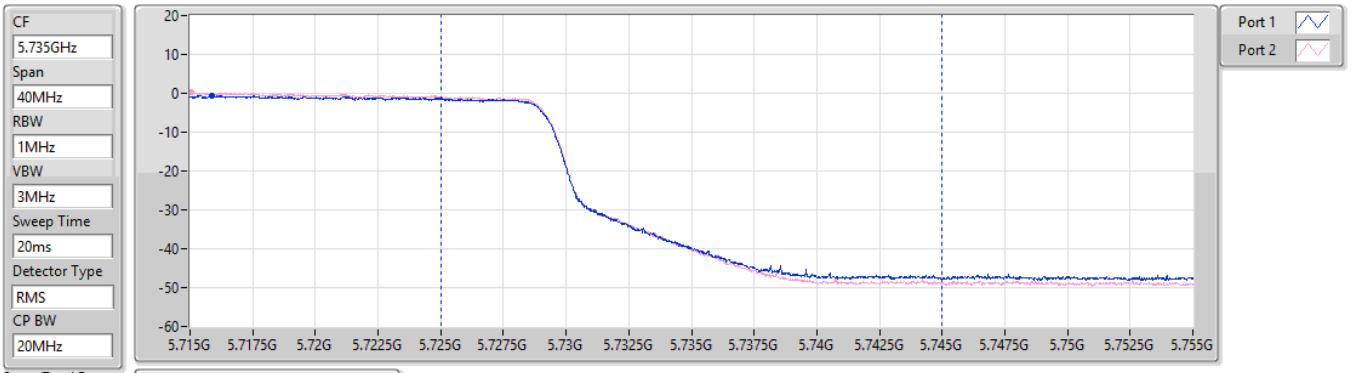


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
21.15	17.94	18.33

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TX



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
7.22	3.99	4.41

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.79	0.23933
802.11ax HEW20_Nss1,(MCS0)_2TX	23.76	0.23768
802.11ax HEW20_Nss2,(MCS0)_2TX	23.79	0.23933
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.45	0.22131
802.11ax HEW40_Nss1,(MCS0)_2TX	23.88	0.24434
802.11ax HEW40_Nss2,(MCS0)_2TX	23.83	0.24155
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.27	0.21232
802.11ax HEW80_Nss1,(MCS0)_2TX	23.88	0.24434
802.11ax HEW80_Nss2,(MCS0)_2TX	23.90	0.24547
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.95	0.19724
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.71	0.23496
802.11ax HEW20_Nss1,(MCS0)_2TX	23.90	0.24547
802.11ax HEW20_Nss2,(MCS0)_2TX	23.93	0.24717
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.34	0.21577
802.11ax HEW40_Nss1,(MCS0)_2TX	23.97	0.24946
802.11ax HEW40_Nss2,(MCS0)_2TX	23.91	0.24604
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.31	0.21429
802.11ax HEW80_Nss1,(MCS0)_2TX	23.85	0.24266
802.11ax HEW80_Nss2,(MCS0)_2TX	23.81	0.24044
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.91	0.19543
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	15.84	0.03837
802.11ax HEW20_Nss1,(MCS0)_2TX	16.68	0.04656
802.11ax HEW20_Nss2,(MCS0)_2TX	17.12	0.05152
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	15.57	0.03606
802.11ax HEW40_Nss1,(MCS0)_2TX	13.90	0.02455
802.11ax HEW40_Nss2,(MCS0)_2TX	13.81	0.02404
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	12.38	0.01730
802.11ax HEW80_Nss1,(MCS0)_2TX	9.39	0.00869
802.11ax HEW80_Nss2,(MCS0)_2TX	9.57	0.00906
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	8.22	0.00664

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	3.50	20.04	21.41	23.79	23.98
5300MHz	Pass	3.50	19.72	21.11	23.48	23.98
5320MHz	Pass	3.50	20.17	20.93	23.58	23.98
5500MHz	Pass	3.61	19.99	21.18	23.64	23.98
5580MHz	Pass	3.61	20.03	21.28	23.71	23.98
5700MHz	Pass	3.61	20.09	21.15	23.66	23.93
5720MHz Straddle 5.47-5.725GHz	Pass	3.61	18.58	19.49	22.07	22.81
5720MHz Straddle 5.725-5.85GHz	Pass	3.77	12.21	13.37	15.84	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	3.50	20.03	21.36	23.76	23.98
5300MHz	Pass	3.50	19.68	21.36	23.61	23.98
5320MHz	Pass	3.50	20.08	20.85	23.49	23.98
5500MHz	Pass	3.61	19.97	21.18	23.63	23.98
5580MHz	Pass	3.61	20.03	21.24	23.69	23.98
5700MHz	Pass	3.61	20.23	21.47	23.90	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.61	18.61	19.56	22.12	22.96
5720MHz Straddle 5.725-5.85GHz	Pass	3.77	13.03	14.22	16.68	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	3.50	20.05	21.56	23.88	23.98
5310MHz	Pass	3.50	19.99	20.94	23.50	23.98
5510MHz	Pass	3.61	19.94	21.23	23.64	23.98
5550MHz	Pass	3.61	20.22	21.49	23.91	23.98
5670MHz	Pass	3.61	20.37	21.47	23.97	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.61	20.27	21.21	23.78	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.77	10.27	11.44	13.90	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	3.50	20.18	21.47	23.88	23.98
5530MHz	Pass	3.61	20.05	21.50	23.85	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.61	19.82	20.93	23.42	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.77	5.78	6.90	9.39	30.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	3.47	20.09	21.38	23.79	23.98
5300MHz	Pass	3.47	19.53	21.27	23.50	23.98
5320MHz	Pass	3.47	20.19	20.87	23.55	23.98
5500MHz	Pass	3.58	20.07	21.09	23.62	23.98
5580MHz	Pass	3.58	20.09	21.18	23.68	23.98
5700MHz	Pass	3.58	20.24	21.51	23.93	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.58	19.24	19.97	22.63	22.92
5720MHz Straddle 5.725-5.85GHz	Pass	3.74	13.56	14.59	17.12	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	3.47	20.09	21.44	23.83	23.98
5310MHz	Pass	3.47	20.01	21.00	23.54	23.98
5510MHz	Pass	3.58	19.99	21.28	23.69	23.98
5550MHz	Pass	3.58	20.25	21.46	23.91	23.98
5670MHz	Pass	3.58	20.26	21.46	23.91	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.58	20.36	21.30	23.87	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.74	10.10	11.40	13.81	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	3.47	20.14	21.53	23.90	23.98
5530MHz	Pass	3.58	20.01	21.46	23.81	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.58	19.83	20.97	23.45	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.74	5.99	7.06	9.57	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	6.48	19.72	21.06	23.45	23.50

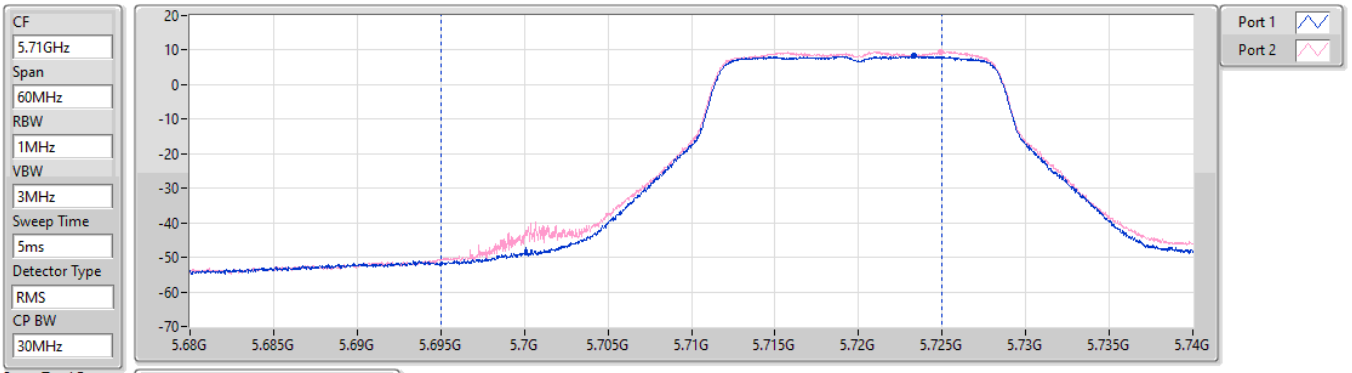
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
5300MHz	Pass	6.48	19.39	21.13	23.36	23.50
5320MHz	Pass	6.48	19.65	20.64	23.18	23.50
5500MHz	Pass	6.59	19.50	21.03	23.34	23.39
5580MHz	Pass	6.59	19.50	20.46	23.02	23.39
5700MHz	Pass	6.59	19.47	20.10	22.81	23.39
5720MHz Straddle 5.47-5.725GHz	Pass	6.59	18.05	18.19	21.13	22.34
5720MHz Straddle 5.725-5.85GHz	Pass	6.75	12.10	12.97	15.57	29.25
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	6.48	19.51	20.90	23.27	23.50
5310MHz	Pass	6.48	19.44	20.46	22.99	23.50
5510MHz	Pass	6.59	19.32	20.69	23.07	23.39
5550MHz	Pass	6.59	19.58	20.92	23.31	23.39
5670MHz	Pass	6.59	19.91	20.28	23.11	23.39
5710MHz Straddle 5.47-5.725GHz	Pass	6.59	19.43	19.74	22.60	23.39
5710MHz Straddle 5.725-5.85GHz	Pass	6.75	9.06	9.66	12.38	29.25
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	6.48	19.14	20.62	22.95	23.50
5530MHz	Pass	6.59	19.00	20.65	22.91	23.39
5690MHz Straddle 5.47-5.725GHz	Pass	6.59	19.43	19.61	22.53	23.39
5690MHz Straddle 5.725-5.85GHz	Pass	6.75	4.74	5.64	8.22	29.25

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

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

20/04/2023

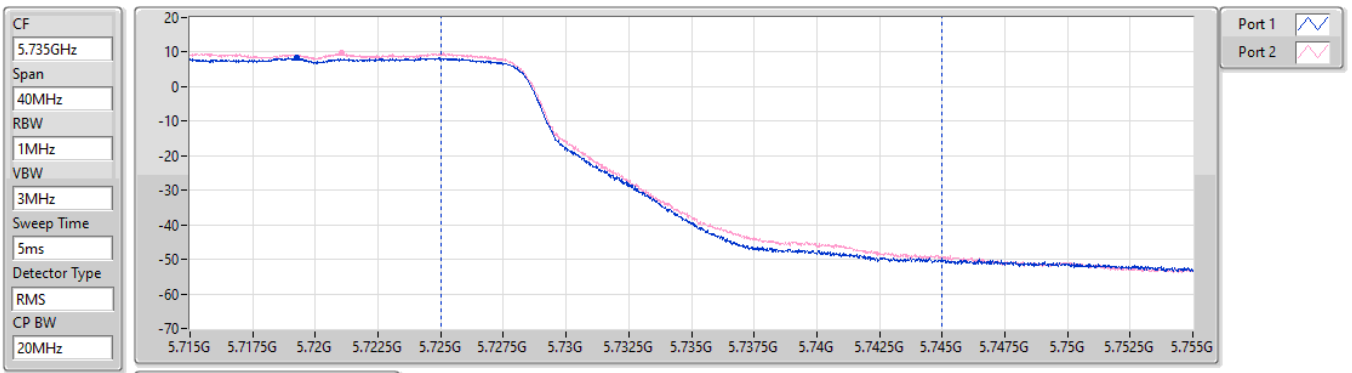


Sum(dBm)	P1(dBm)	P2(dBm)
22.07	18.58	19.49

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

20/04/2023

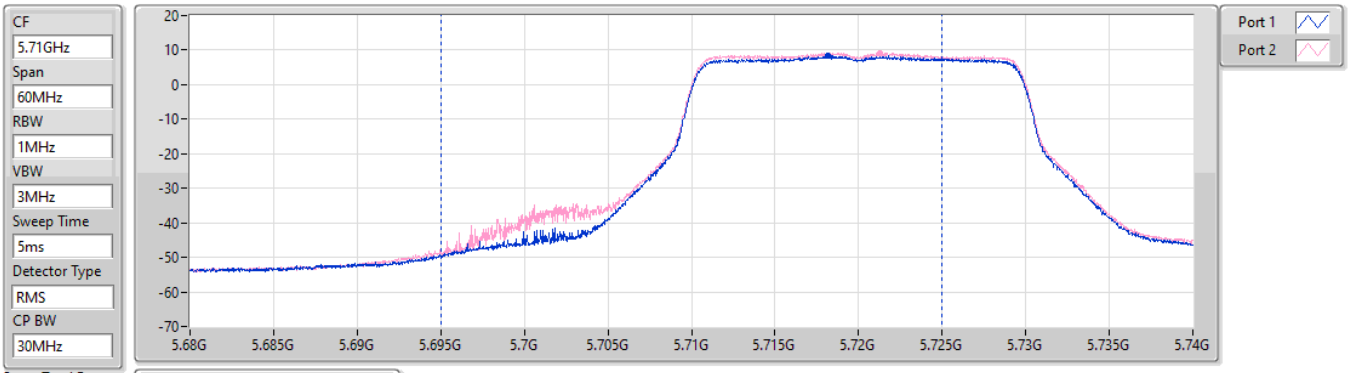


Sum(dBm)	P1(dBm)	P2(dBm)
15.84	12.21	13.37

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

21/04/2023

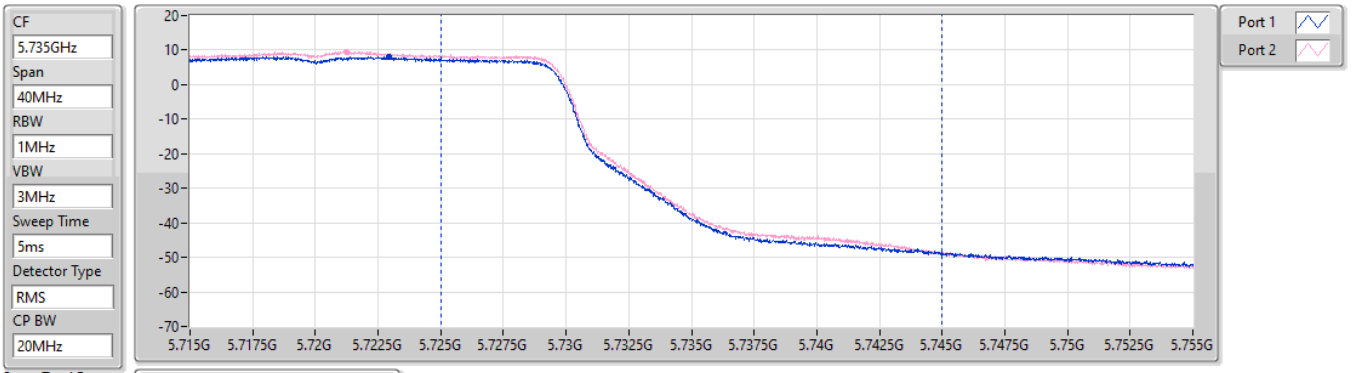


Sum(dBm)	P1(dBm)	P2(dBm)
22.12	18.61	19.56

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

21/04/2023

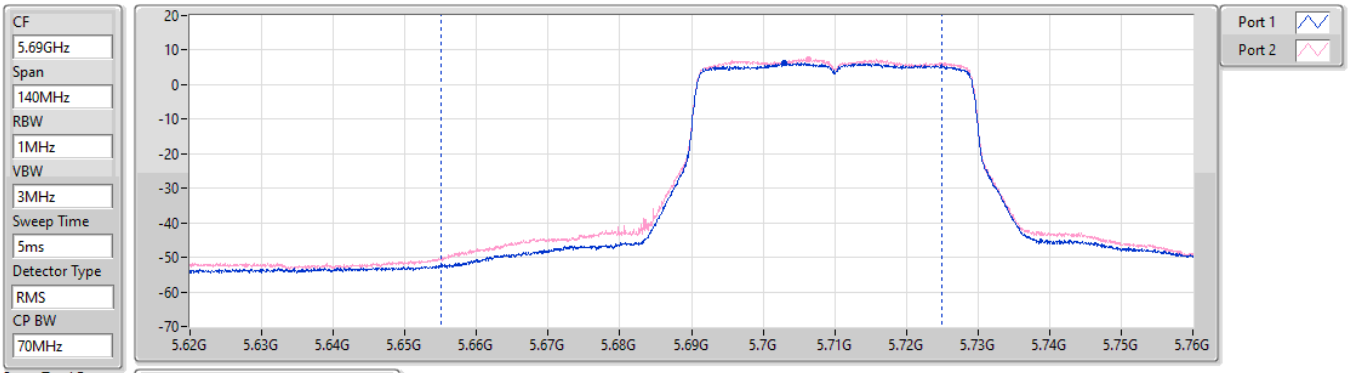


Sum(dBm)	P1(dBm)	P2(dBm)
16.68	13.03	14.22

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.47-5.725GHz_TX

20/04/2023

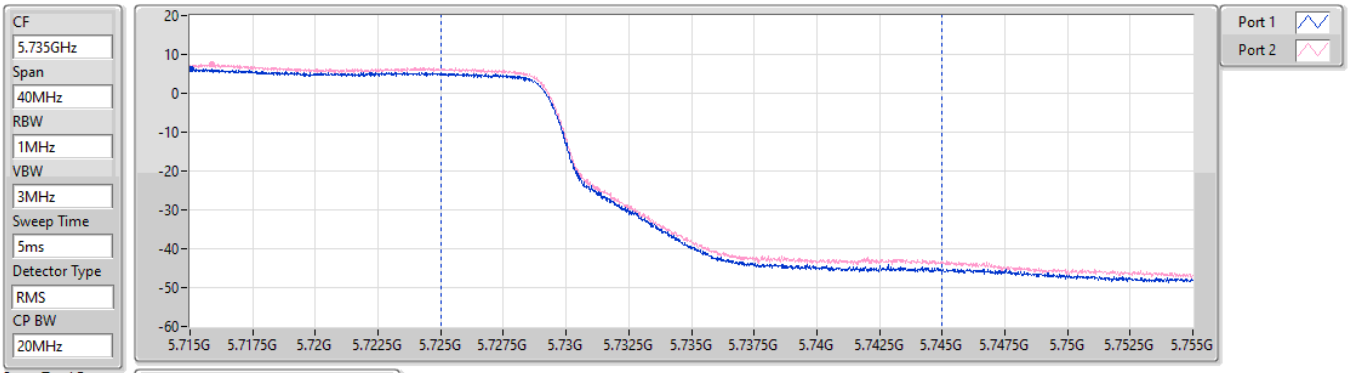


Sum(dBm)	P1(dBm)	P2(dBm)
23.78	20.27	21.21

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.725-5.85GHz_TX

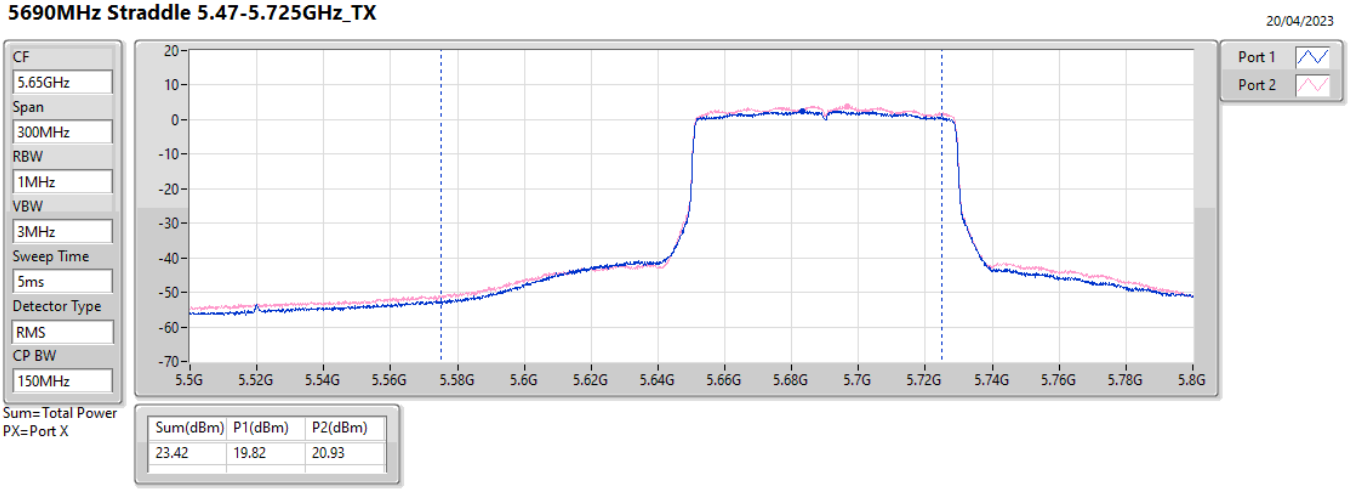
20/04/2023



Sum(dBm)	P1(dBm)	P2(dBm)
13.90	10.27	11.44

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **AV Power**

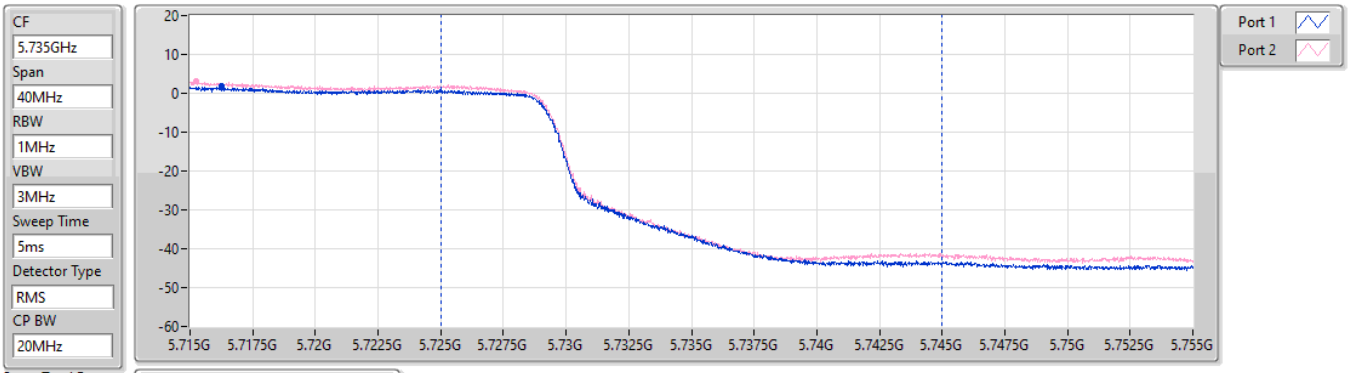
5690MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
23.42	19.82	20.93

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TX

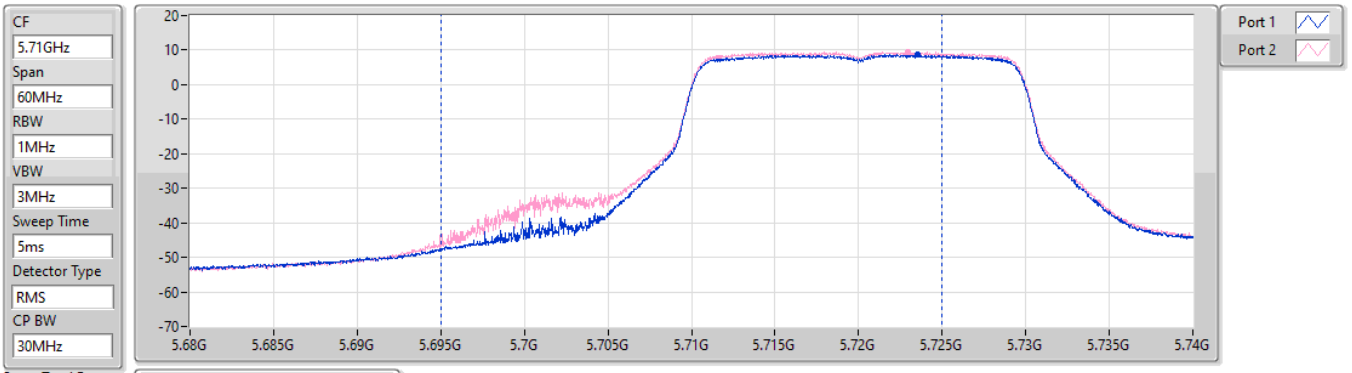


Sum(dBm)	P1(dBm)	P2(dBm)
9.39	5.78	6.90

5.47-5.725GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

21/04/2023

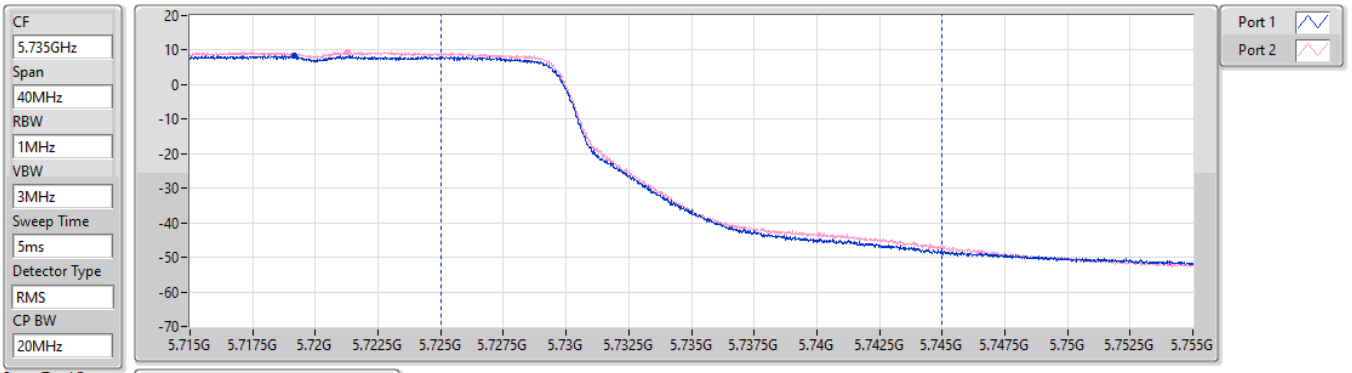


Sum(dBm)	P1(dBm)	P2(dBm)
22.63	19.24	19.97

5.725-5.85GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

20/04/2023

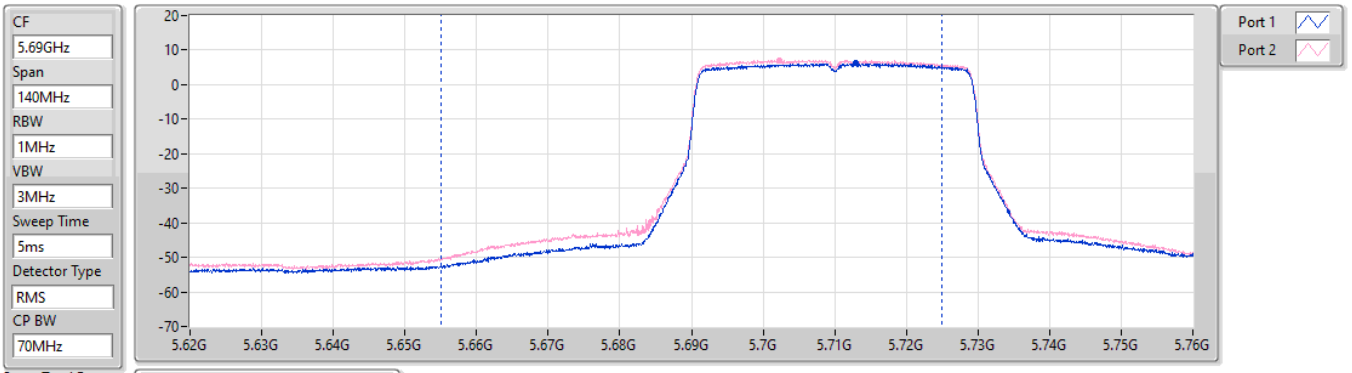


Sum(dBm)	P1(dBm)	P2(dBm)
17.12	13.56	14.59

5.47-5.725GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.47-5.725GHz_TX

20/04/2023

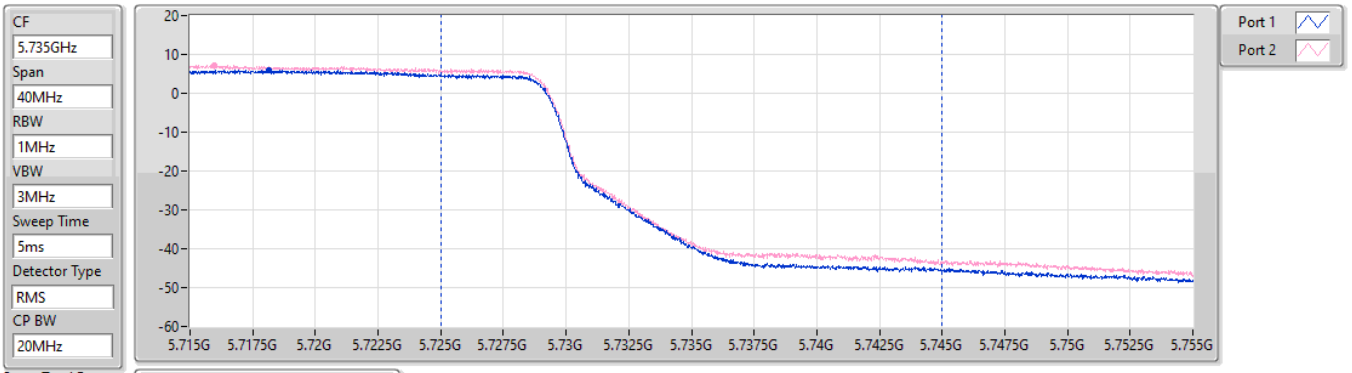


Sum(dBm)	P1(dBm)	P2(dBm)
23.87	20.36	21.30

5.725-5.85GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.725-5.85GHz_TX

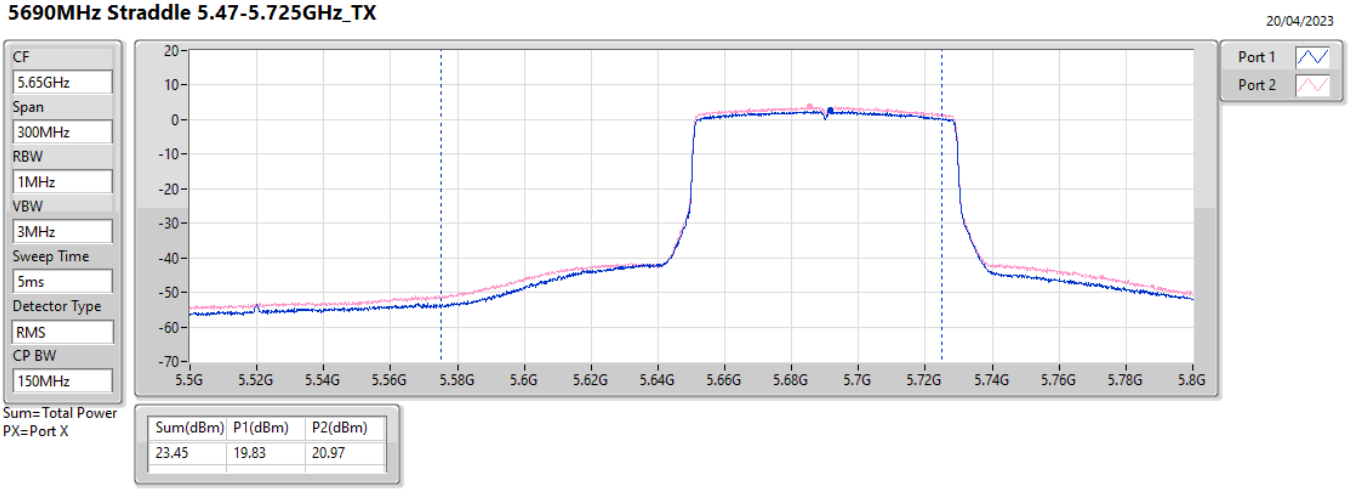
20/04/2023



Sum(dBm)	P1(dBm)	P2(dBm)
13.81	10.10	11.40

5.47-5.725GHz_802.11ax HEW80_Nss2,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz_TX

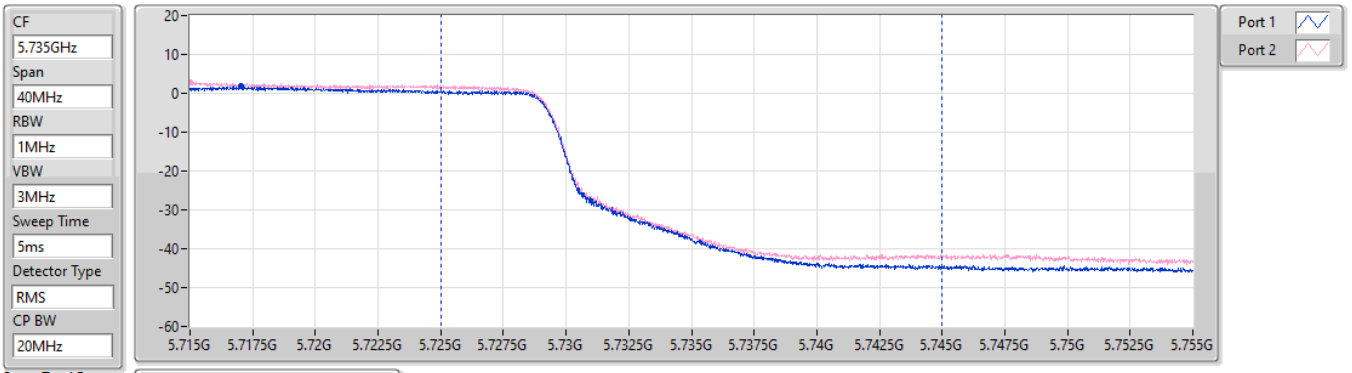


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
23.45	19.83	20.97

5.725-5.85GHz_802.11ax HEW80_Nss2,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TX



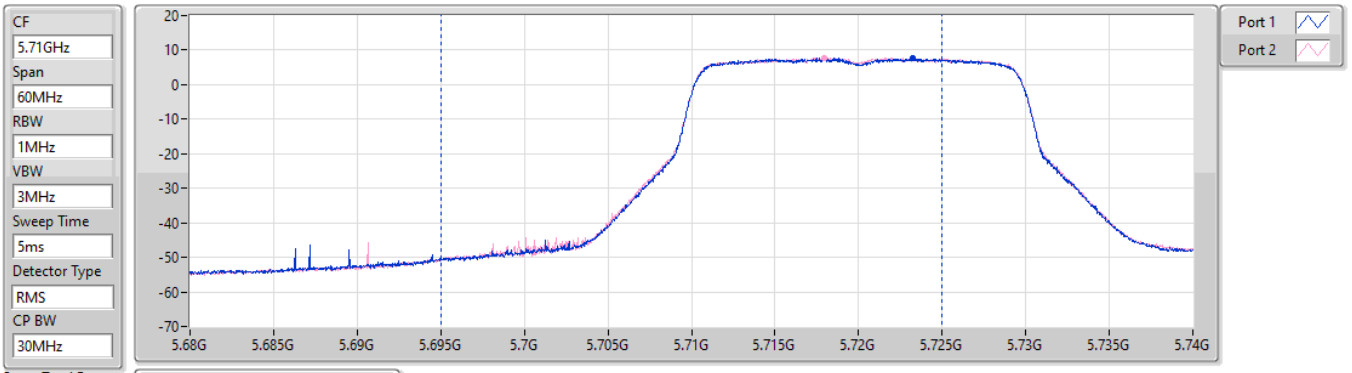
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
9.57	5.99	7.06

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

20/04/2023

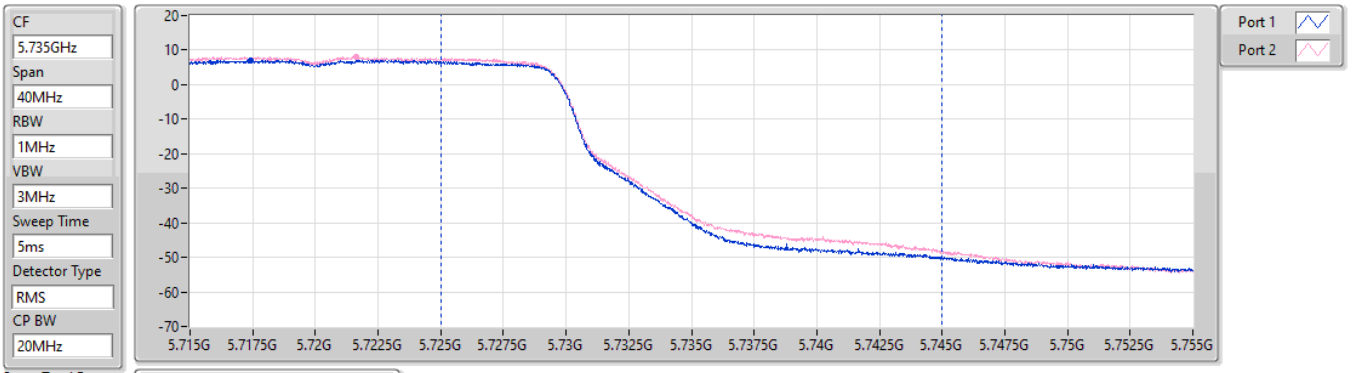


Sum(dBm)	P1(dBm)	P2(dBm)
21.13	18.05	18.19

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

20/04/2023

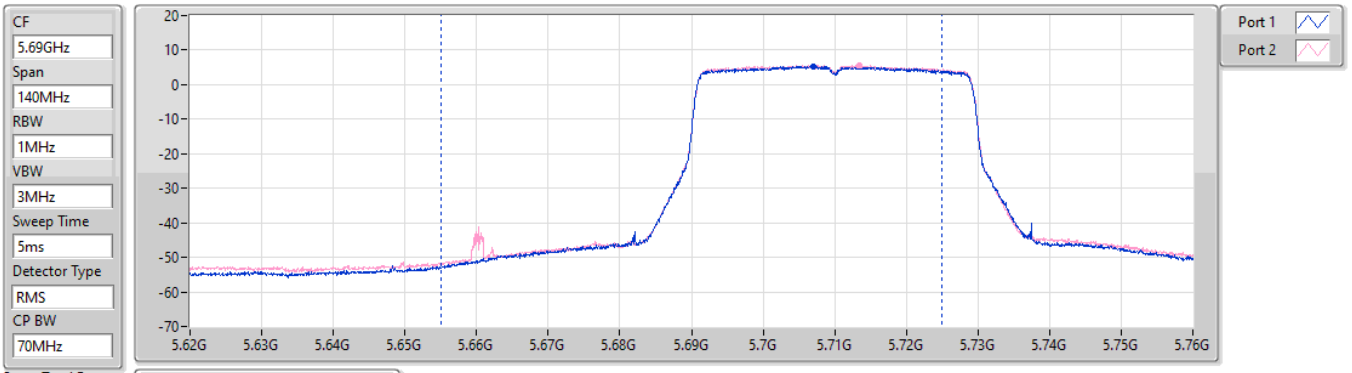


Sum(dBm)	P1(dBm)	P2(dBm)
15.57	12.10	12.97

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.47-5.725GHz_TX

20/04/2023

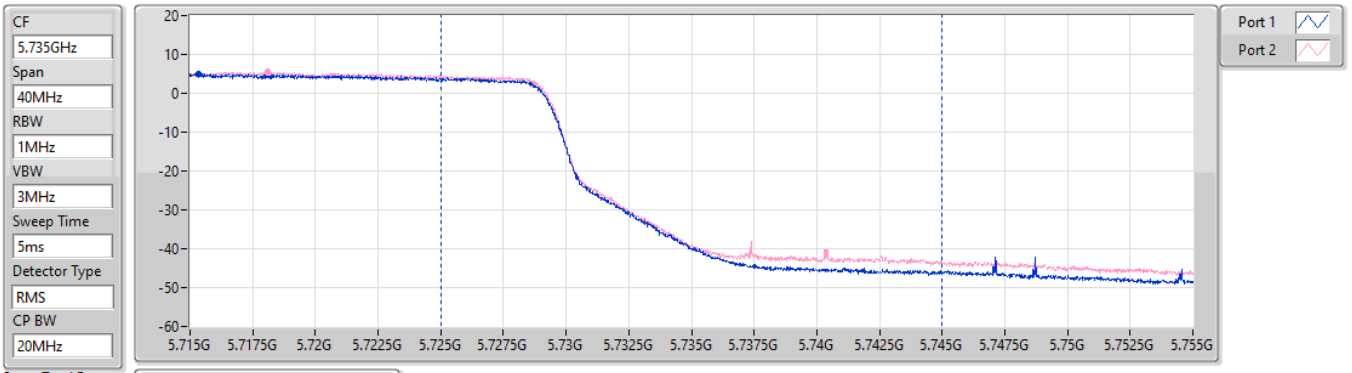


Sum(dBm)	P1(dBm)	P2(dBm)
22.60	19.43	19.74

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.725-5.85GHz_TX

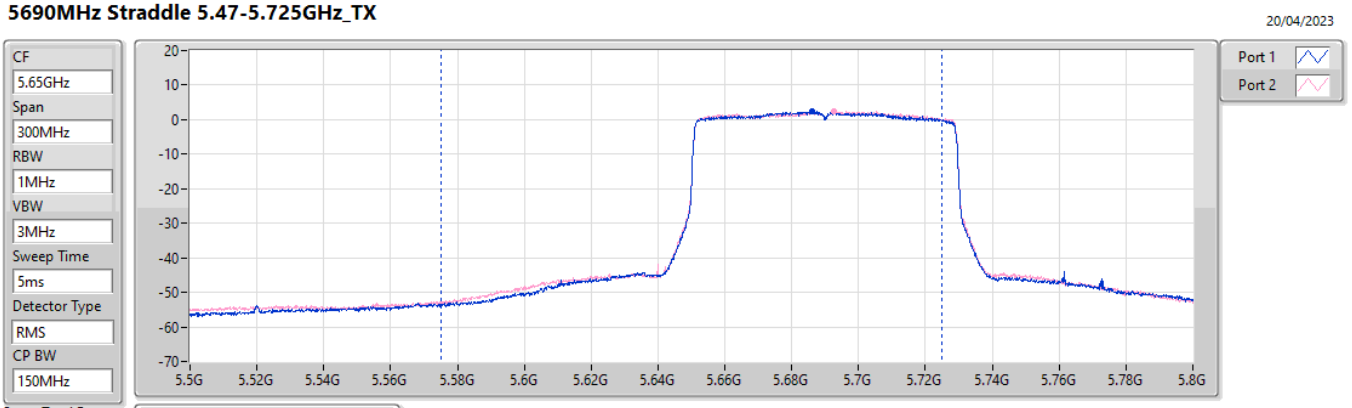
20/04/2023



Sum(dBm)	P1(dBm)	P2(dBm)
12.38	9.06	9.66

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **AV Power**

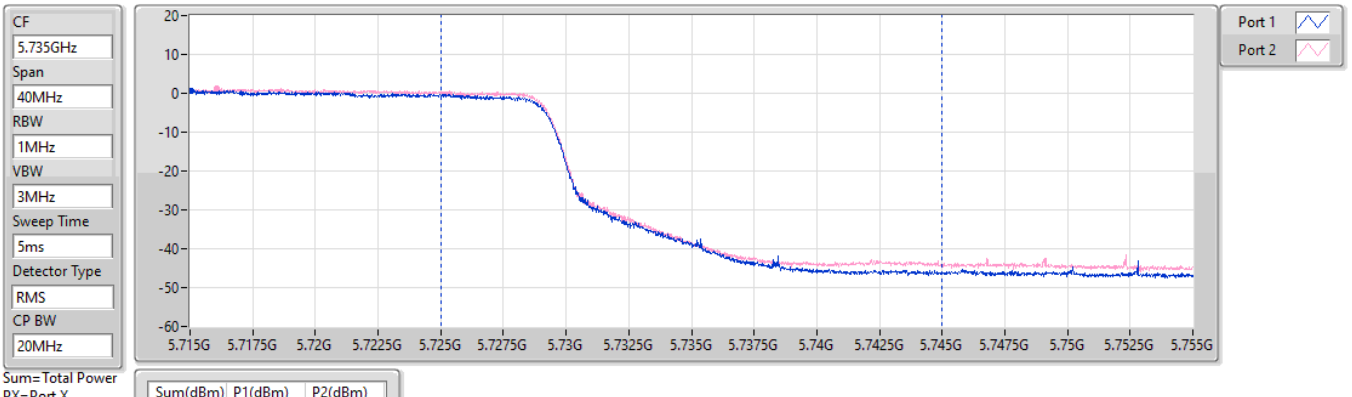
5690MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
22.53	19.43	19.61

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
8.22	4.74	5.64

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.90
802.11ax HEW20_Nss1,(MCS0)_2TX	8.79
802.11ax HEW20_Nss2,(MCS0)_2TX	9.42
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.68
802.11ax HEW40_Nss1,(MCS0)_2TX	6.78
802.11ax HEW40_Nss2,(MCS0)_2TX	6.83
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	5.26
802.11ax HEW80_Nss1,(MCS0)_2TX	3.34
802.11ax HEW80_Nss2,(MCS0)_2TX	3.33
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	2.23
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.99
802.11ax HEW20_Nss1,(MCS0)_2TX	8.98
802.11ax HEW20_Nss2,(MCS0)_2TX	10.30
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.23
802.11ax HEW40_Nss1,(MCS0)_2TX	8.05
802.11ax HEW40_Nss2,(MCS0)_2TX	7.87
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	5.57
802.11ax HEW80_Nss1,(MCS0)_2TX	4.68
802.11ax HEW80_Nss2,(MCS0)_2TX	4.51
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	2.28
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	7.09
802.11ax HEW20_Nss1,(MCS0)_2TX	7.05
802.11ax HEW20_Nss2,(MCS0)_2TX	8.58
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	5.98
802.11ax HEW40_Nss1,(MCS0)_2TX	5.64
802.11ax HEW40_Nss2,(MCS0)_2TX	5.49
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	2.93
802.11ax HEW80_Nss1,(MCS0)_2TX	1.49
802.11ax HEW80_Nss2,(MCS0)_2TX	1.35
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-1.26

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

Result

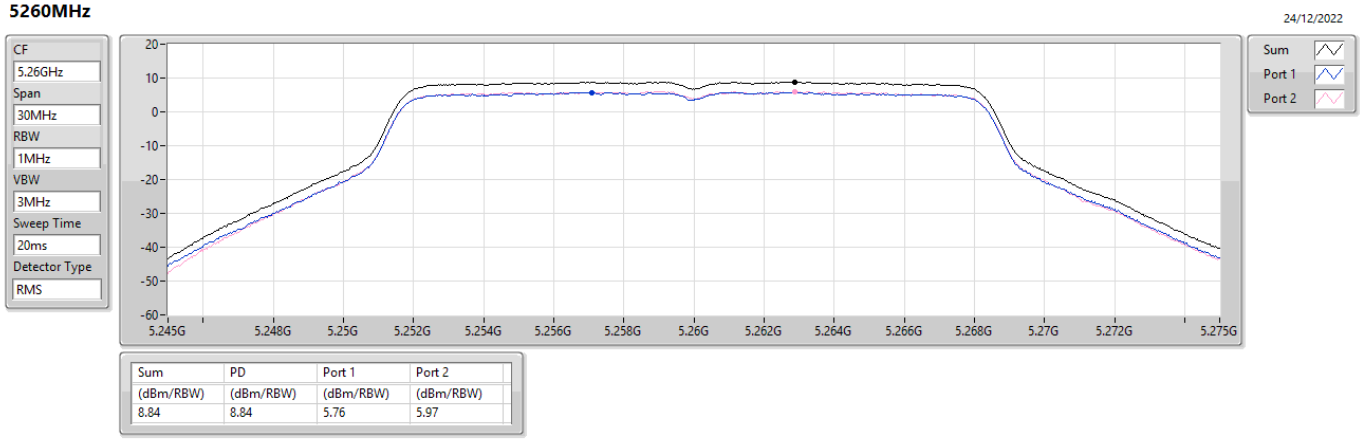
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.00	5.76	5.97	8.84	9.00
5300MHz	Pass	8.00	5.59	5.89	8.73	9.00
5320MHz	Pass	8.00	5.81	6.14	8.90	9.00
5500MHz	Pass	8.00	5.50	5.98	8.66	9.00
5580MHz	Pass	8.00	6.02	6.13	8.99	9.00
5700MHz	Pass	8.00	5.49	6.11	8.78	9.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	5.25	5.94	8.52	9.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	3.74	4.45	7.09	28.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.00	5.70	5.88	8.69	9.00
5300MHz	Pass	8.00	5.38	5.86	8.51	9.00
5320MHz	Pass	8.00	5.66	6.12	8.79	9.00
5500MHz	Pass	8.00	5.83	6.47	8.98	9.00
5580MHz	Pass	8.00	6.04	6.13	8.90	9.00
5700MHz	Pass	8.00	5.42	6.41	8.84	9.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	5.31	6.27	8.74	9.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	3.54	4.48	7.05	28.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	8.00	3.34	3.74	6.42	9.00
5310MHz	Pass	8.00	3.63	4.03	6.78	9.00
5510MHz	Pass	8.00	3.16	3.80	6.30	9.00
5550MHz	Pass	8.00	3.53	4.13	6.68	9.00
5670MHz	Pass	8.00	3.49	4.21	6.70	9.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	4.71	5.59	8.05	9.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	2.32	2.98	5.64	28.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	8.00	0.26	0.56	3.34	9.00
5530MHz	Pass	8.00	0.17	0.67	3.37	9.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	1.27	2.07	4.68	9.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	-1.70	-1.26	1.49	28.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.99	6.06	6.25	9.13	11.00
5300MHz	Pass	4.99	6.28	6.70	9.42	11.00
5320MHz	Pass	4.99	5.98	6.56	9.18	11.00
5500MHz	Pass	4.99	6.79	7.06	9.90	11.00
5580MHz	Pass	4.99	6.35	6.33	9.27	11.00
5700MHz	Pass	4.99	6.31	6.81	9.53	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.99	7.02	7.67	10.30	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.99	5.29	5.94	8.58	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	4.99	3.49	3.66	6.47	11.00
5310MHz	Pass	4.99	3.71	3.99	6.83	11.00
5510MHz	Pass	4.99	3.13	3.62	6.35	11.00
5550MHz	Pass	4.99	2.95	3.43	6.18	11.00
5670MHz	Pass	4.99	3.56	3.83	6.62	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.99	4.53	5.26	7.87	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.99	2.17	2.76	5.49	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	4.99	0.23	0.56	3.33	11.00
5530MHz	Pass	4.99	0.14	0.46	3.24	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.99	1.27	1.77	4.51	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.99	-1.79	-1.50	1.35	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.00	5.07	5.58	8.34	9.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5300MHz	Pass	8.00	6.05	5.57	8.68	9.00
5320MHz	Pass	8.00	5.68	5.70	8.60	9.00
5500MHz	Pass	8.00	5.03	5.58	8.23	9.00
5580MHz	Pass	8.00	4.46	5.15	7.70	9.00
5700MHz	Pass	8.00	4.82	4.91	7.83	9.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	4.36	5.51	7.90	9.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	2.63	3.41	5.98	28.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	8.00	1.39	2.38	4.76	9.00
5310MHz	Pass	8.00	2.44	2.27	5.26	9.00
5510MHz	Pass	8.00	1.78	2.00	4.75	9.00
5550MHz	Pass	8.00	0.91	1.92	4.38	9.00
5670MHz	Pass	8.00	0.95	1.57	4.26	9.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	1.84	3.20	5.57	9.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	-0.36	0.35	2.93	28.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	8.00	-0.96	0.30	2.23	9.00
5530MHz	Pass	8.00	-1.07	-0.24	2.28	9.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	-0.97	-0.84	2.00	9.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	-4.37	-4.05	-1.26	28.00

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;

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

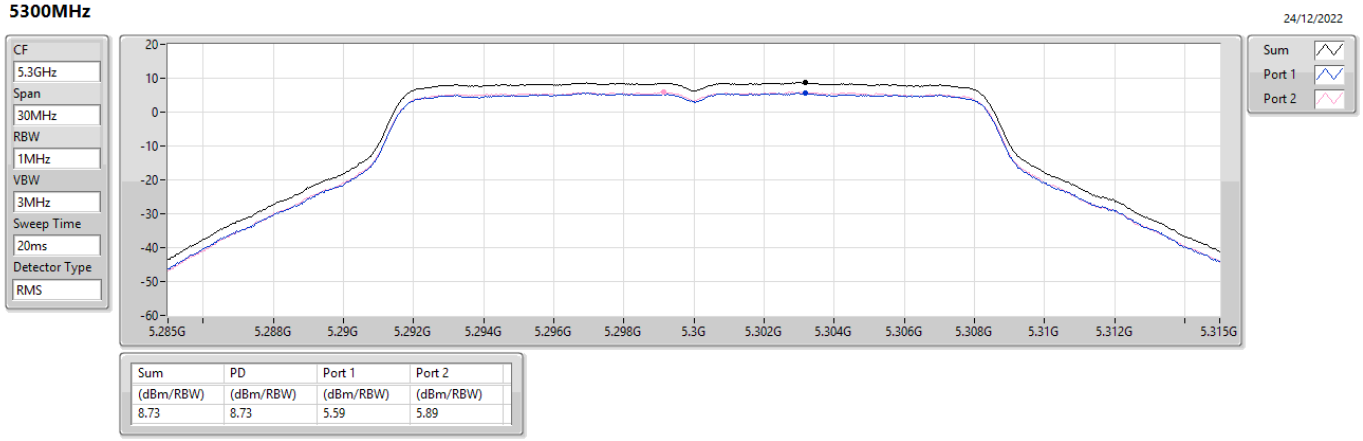
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.84	8.84	5.76	5.97

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

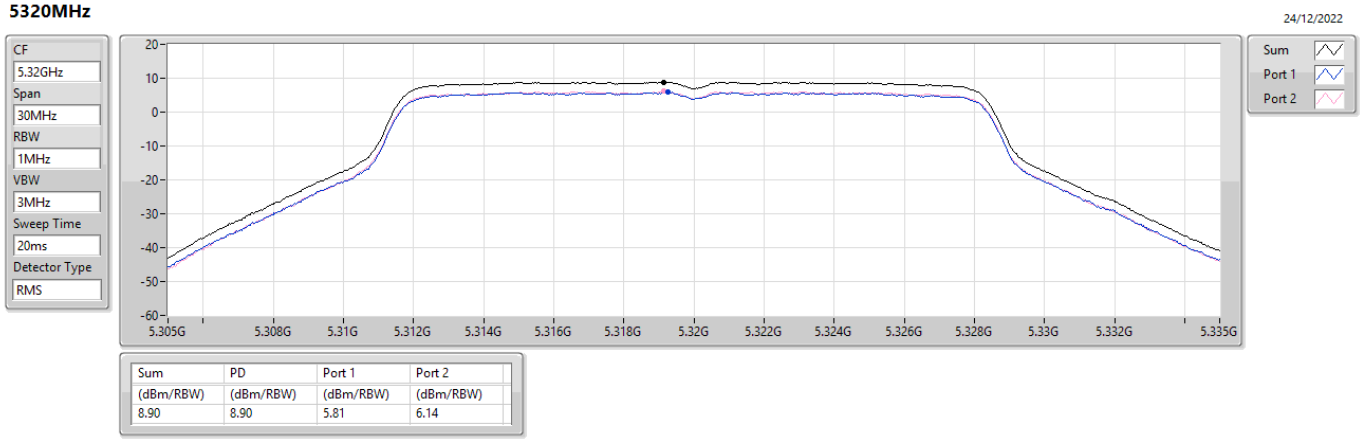
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.73	8.73	5.59	5.89

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

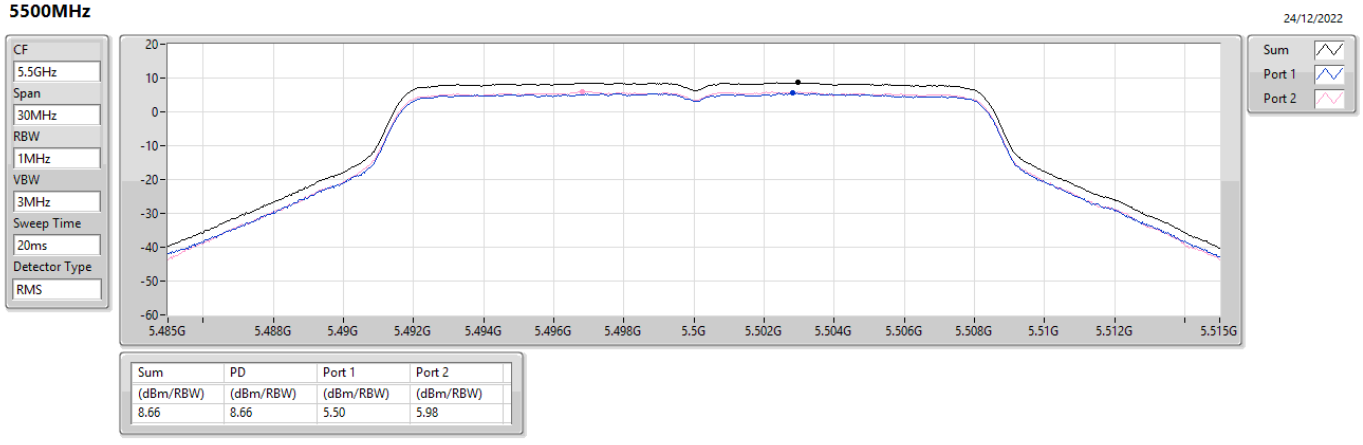
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.90	8.90	5.81	6.14

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

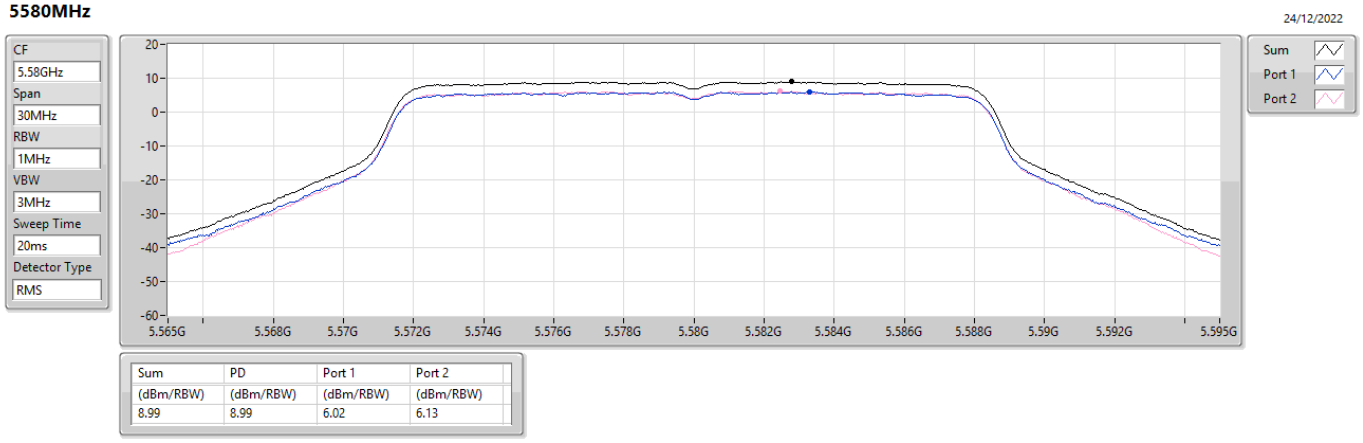
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.66	8.66	5.50	5.98

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

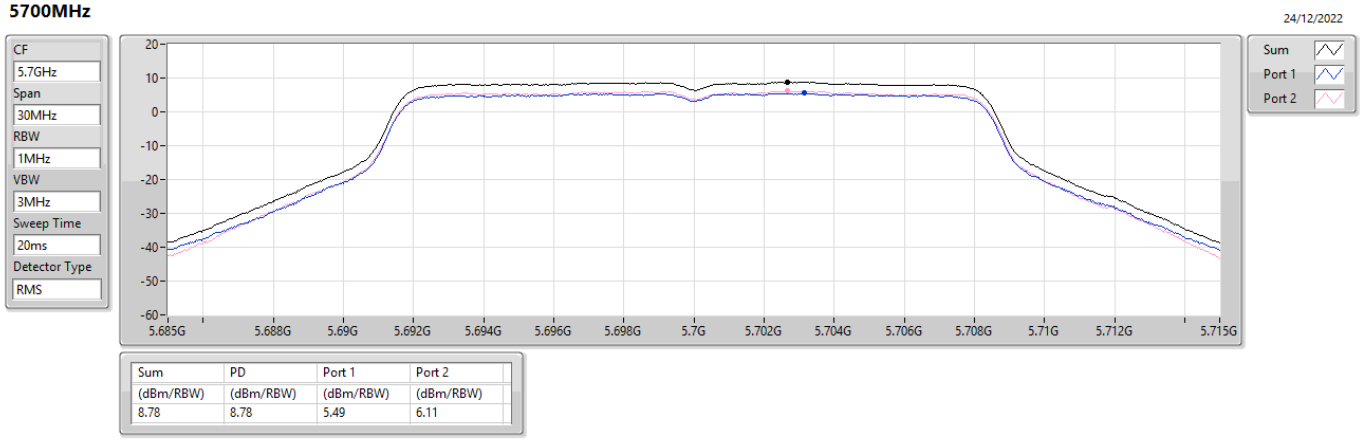
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.99	8.99	6.02	6.13

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

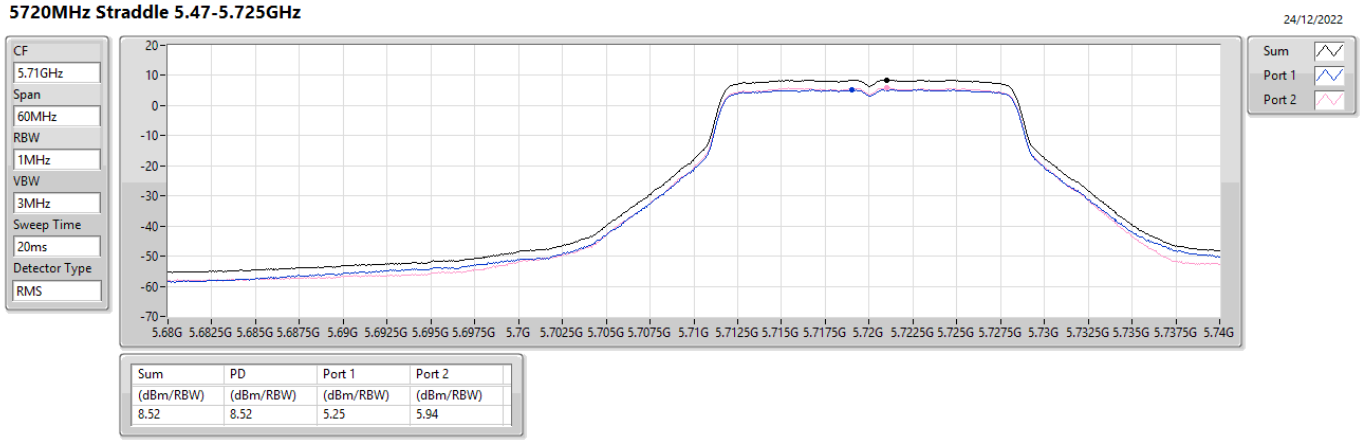
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.78	8.78	5.49	6.11

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

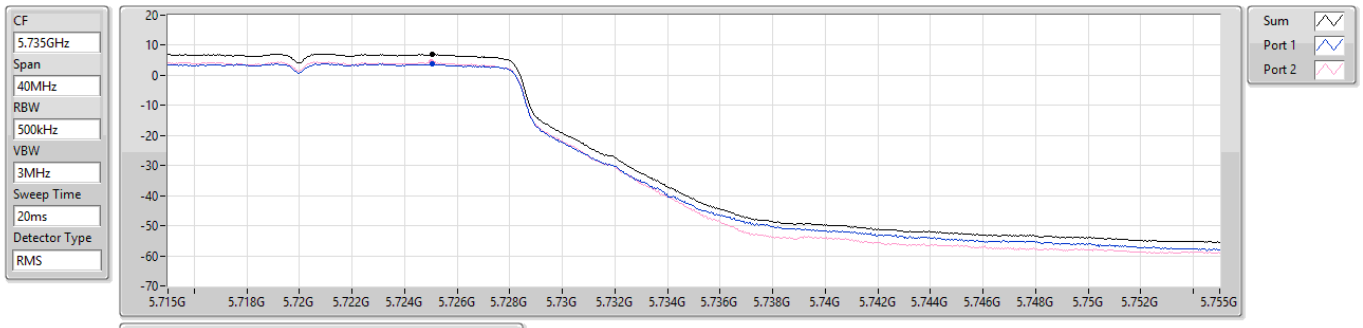
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.52	8.52	5.25	5.94

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

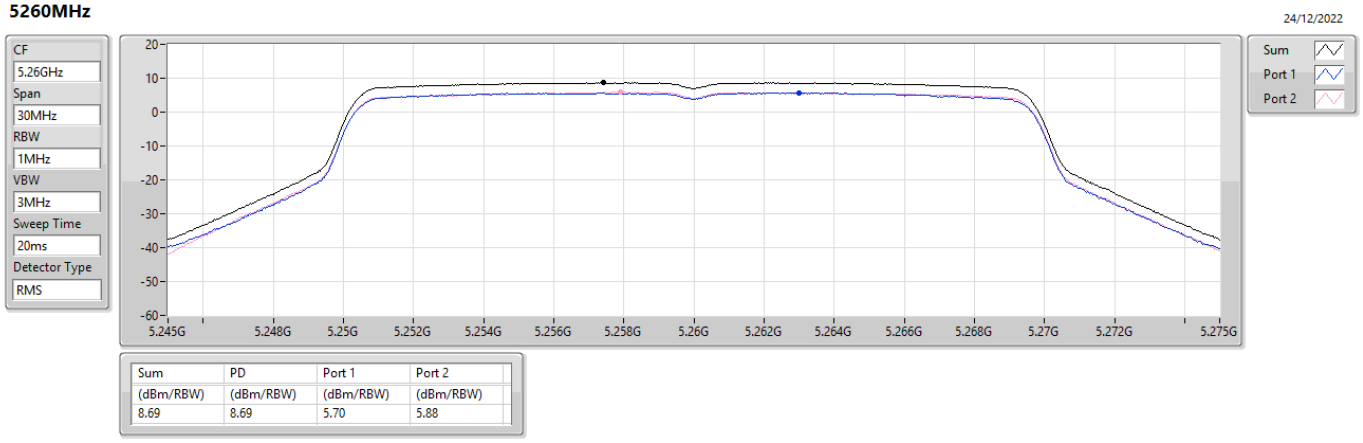
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.09	7.09	3.74	4.45

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

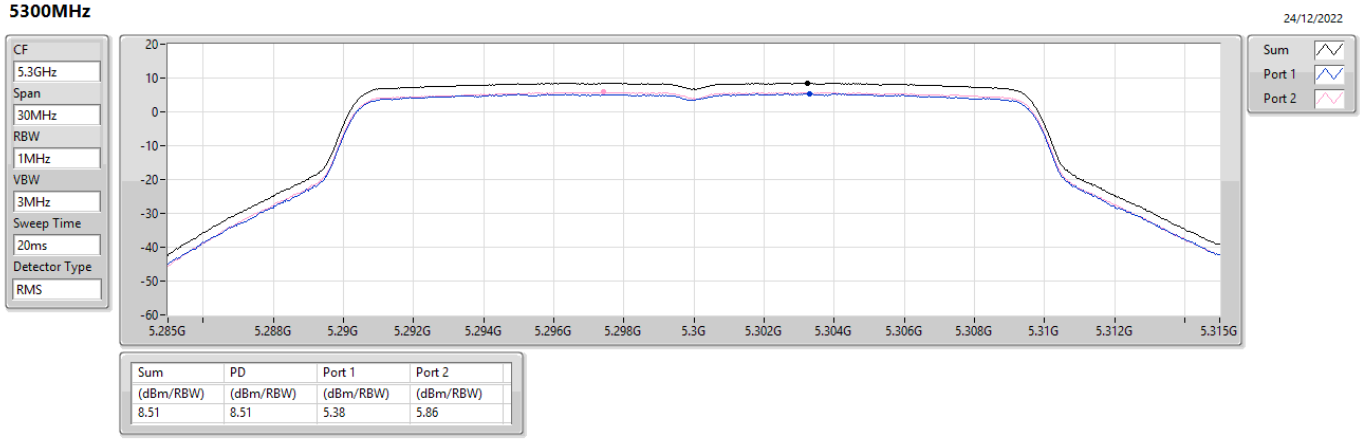
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.69	8.69	5.70	5.88

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

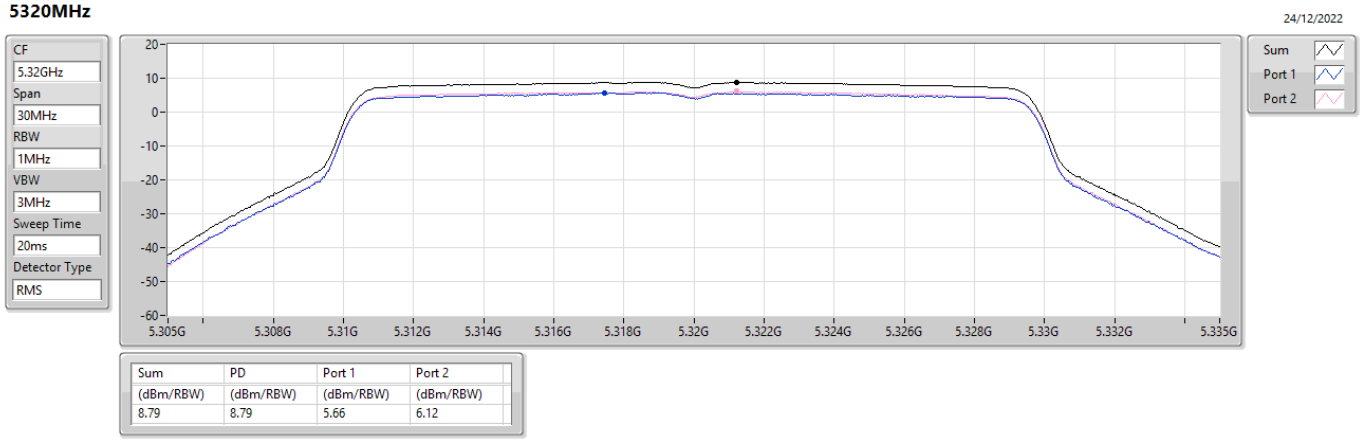
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.51	8.51	5.38	5.86

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

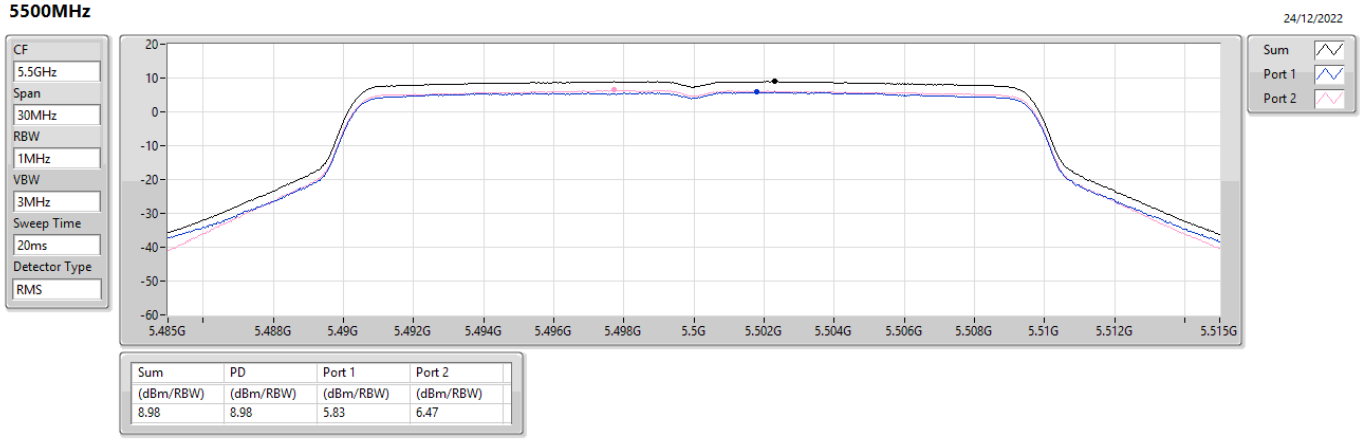
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.79	8.79	5.66	6.12

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

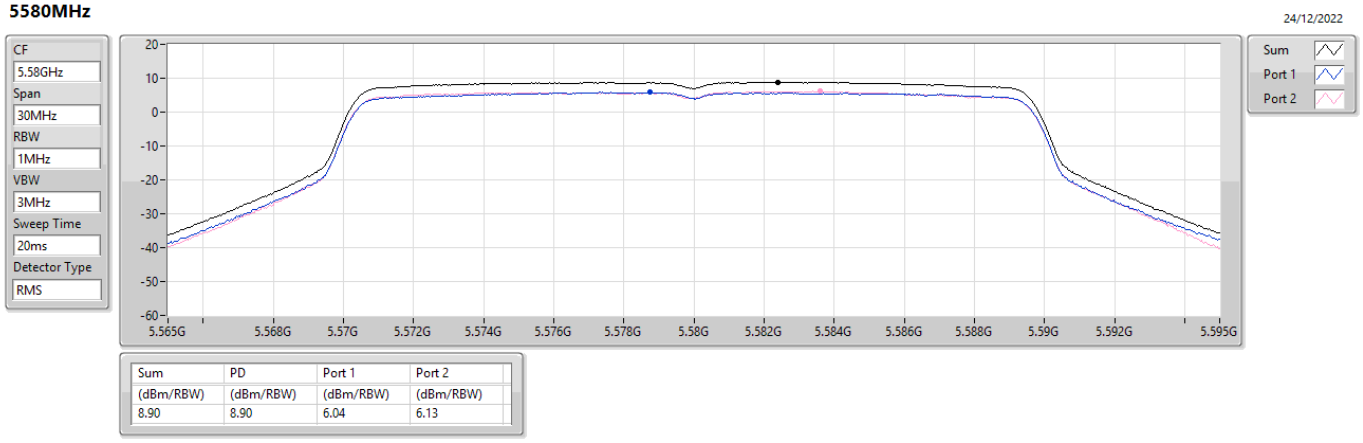
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.98	8.98	5.83	6.47

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

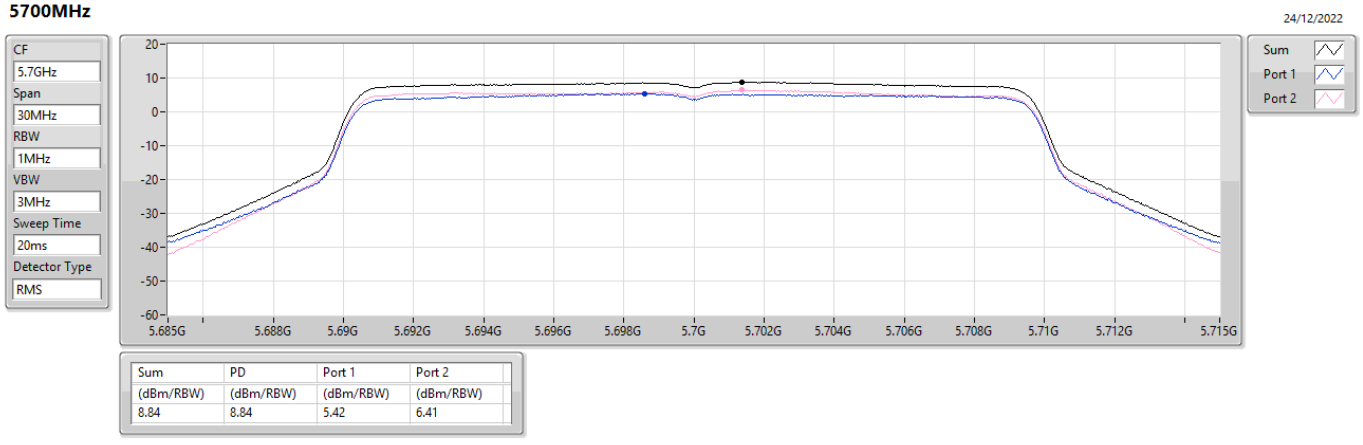
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.90	8.90	6.04	6.13

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

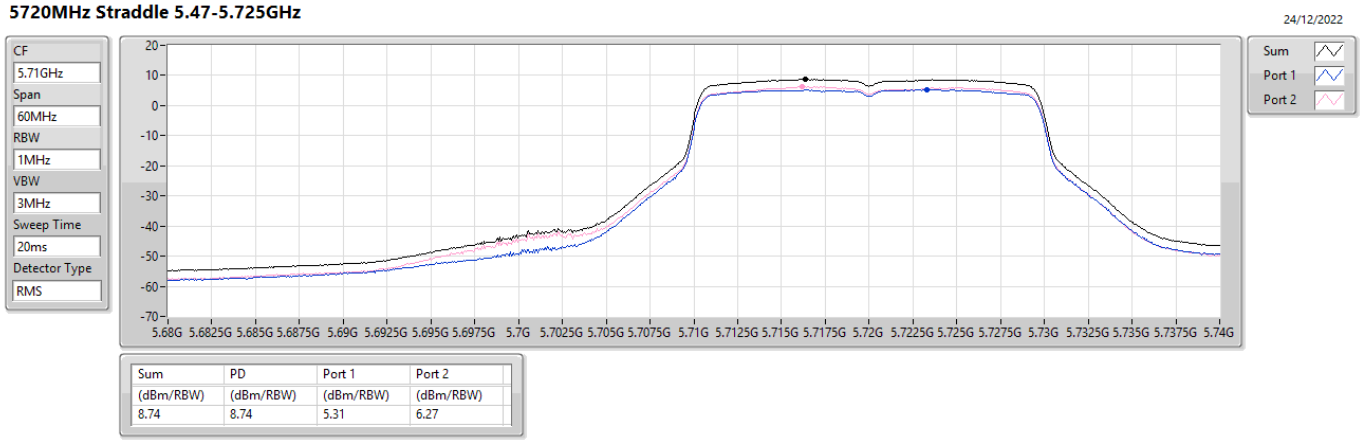
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.84	8.84	5.42	6.41

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

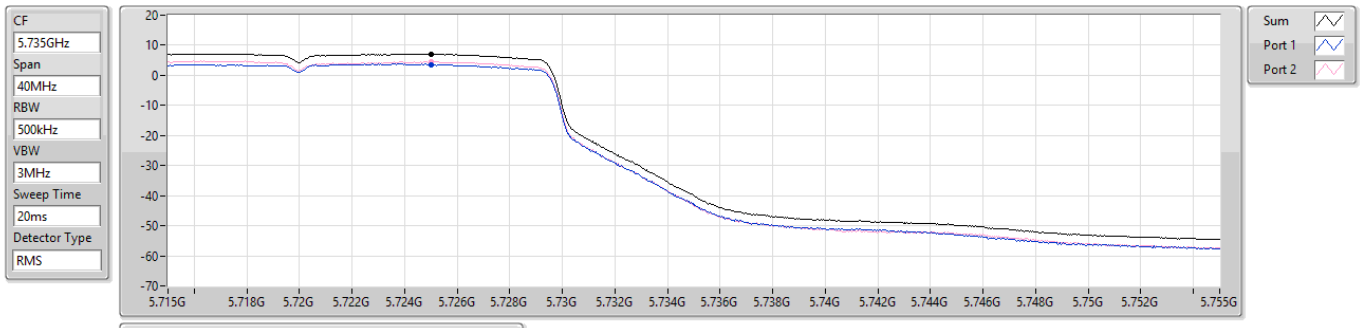
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.74	8.74	5.31	6.27

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

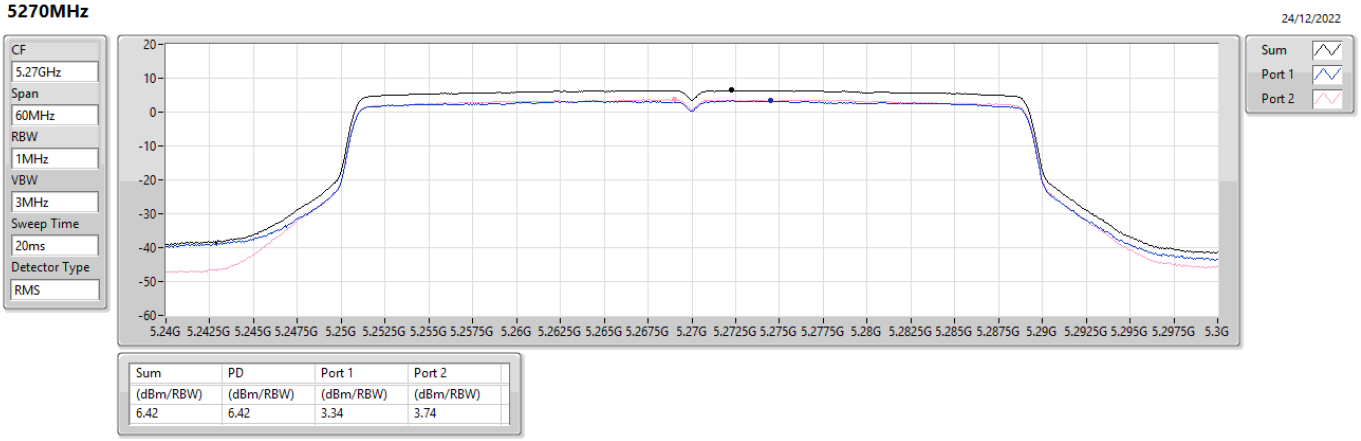
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.05	7.05	3.54	4.48

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

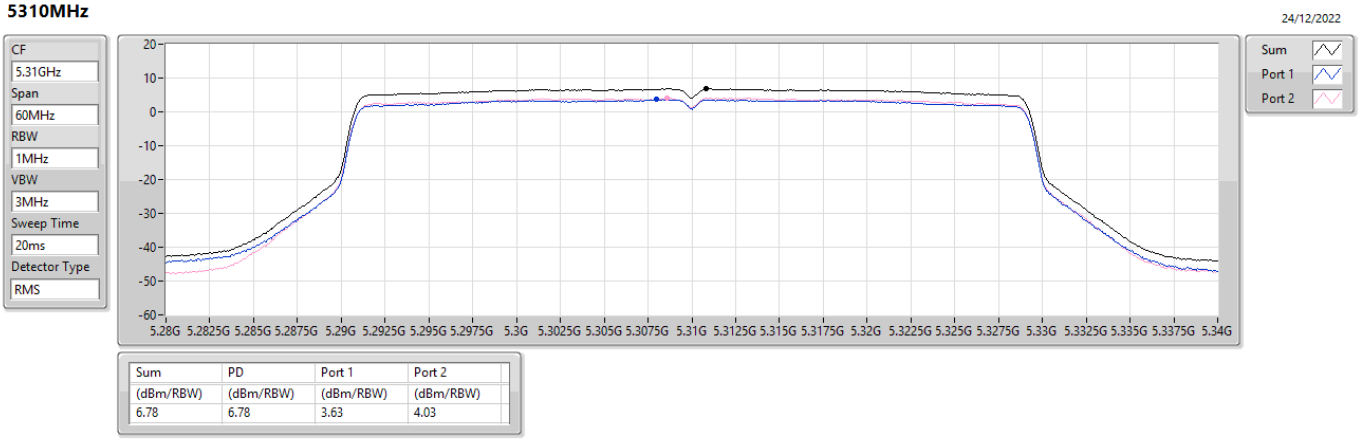
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.42	6.42	3.34	3.74

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

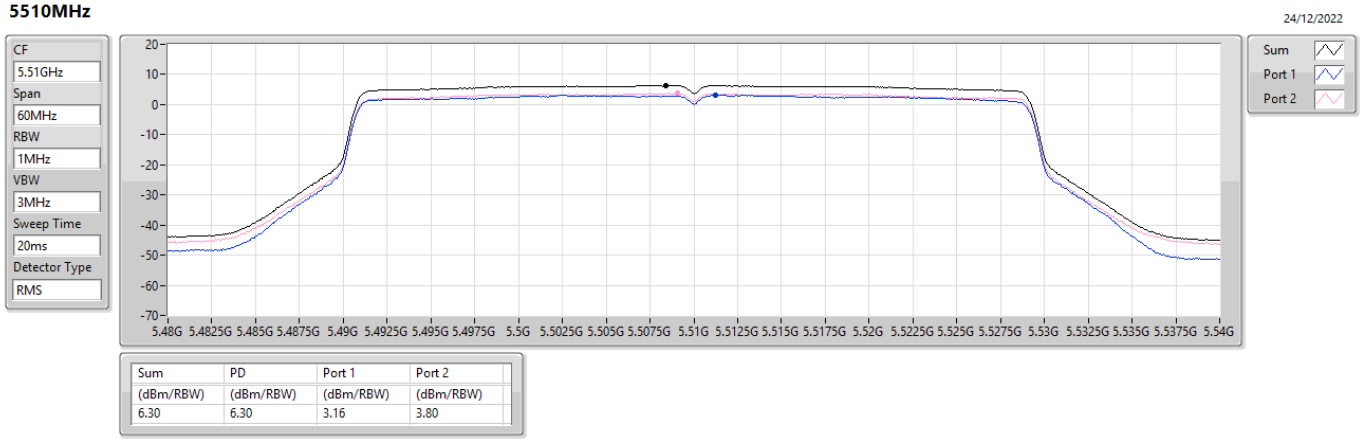
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.78	6.78	3.63	4.03

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

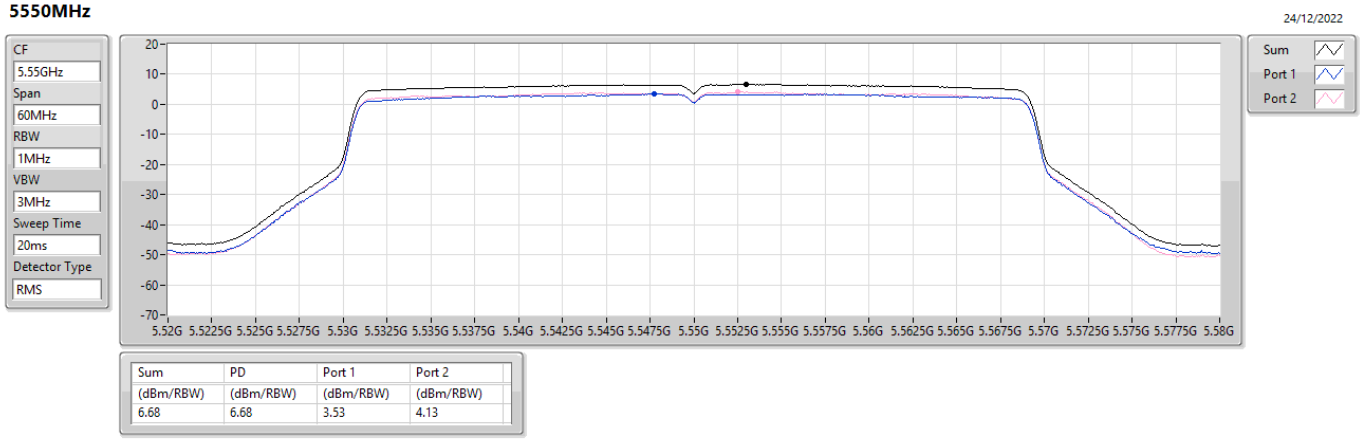
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.30	6.30	3.16	3.80

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

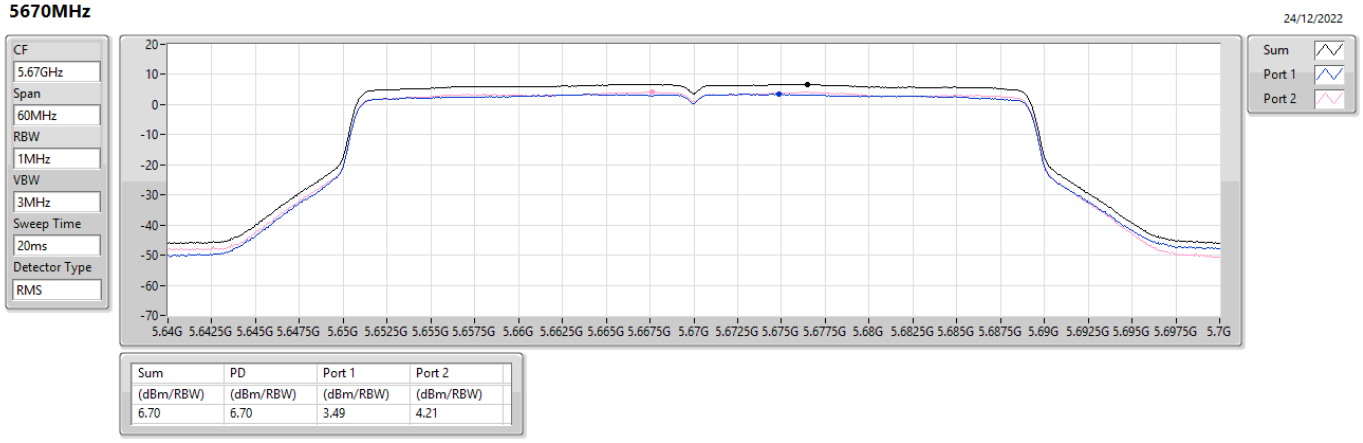
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.68	6.68	3.53	4.13

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

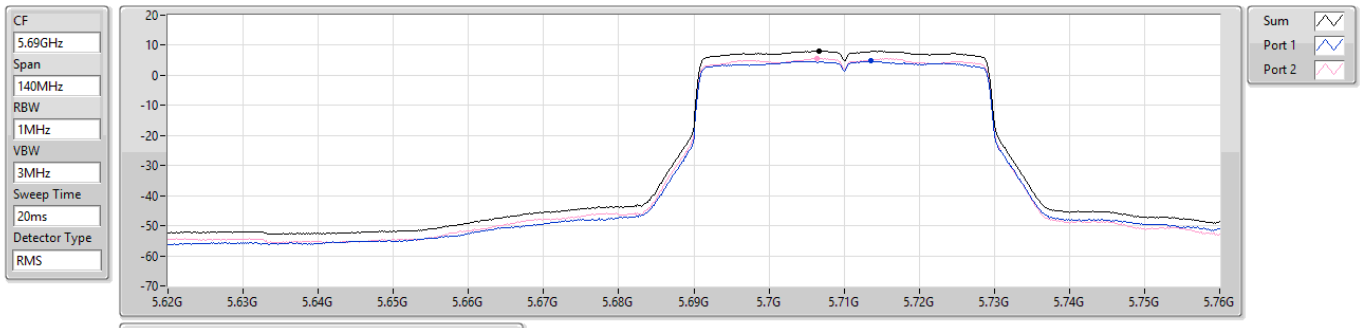
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.70	6.70	3.49	4.21

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

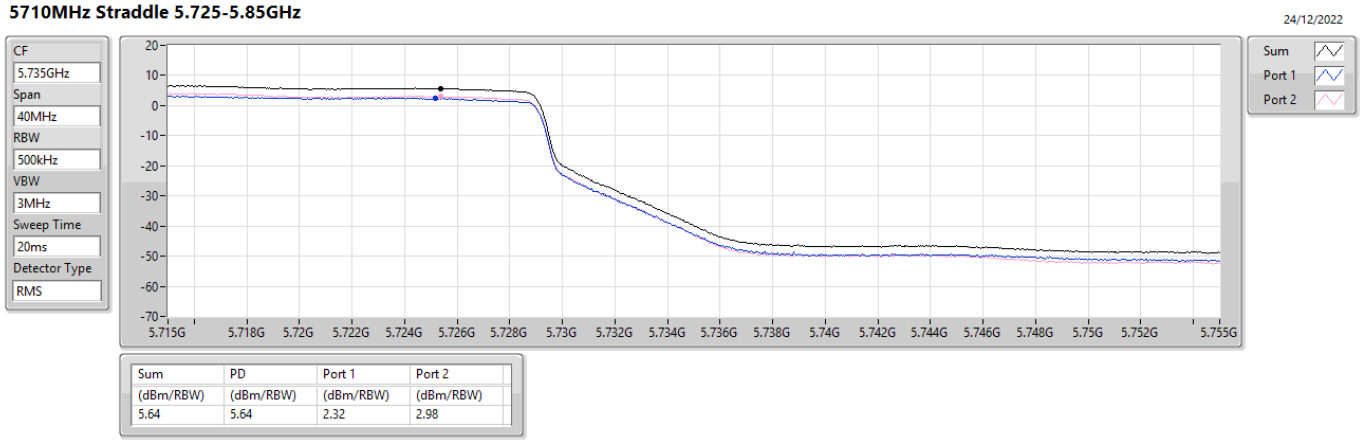
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.05	8.05	4.71	5.59

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

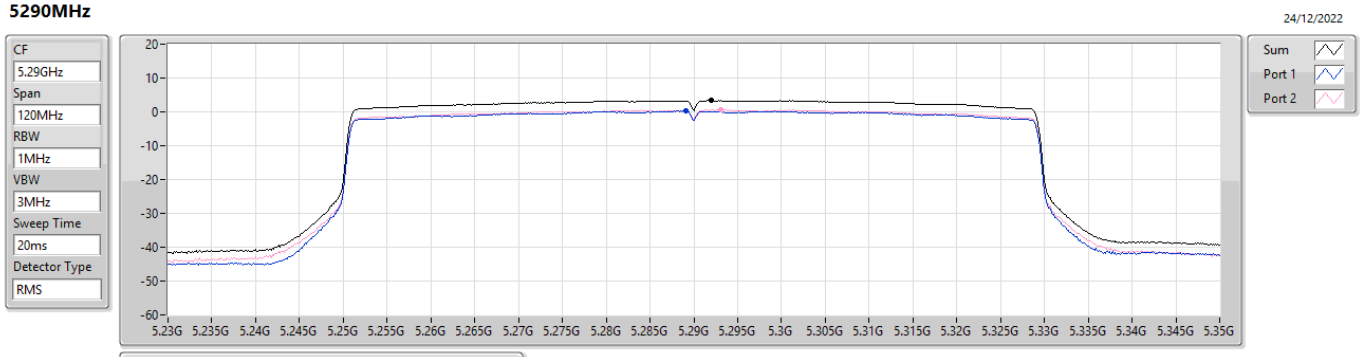
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.64	5.64	2.32	2.98

5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **PSD**

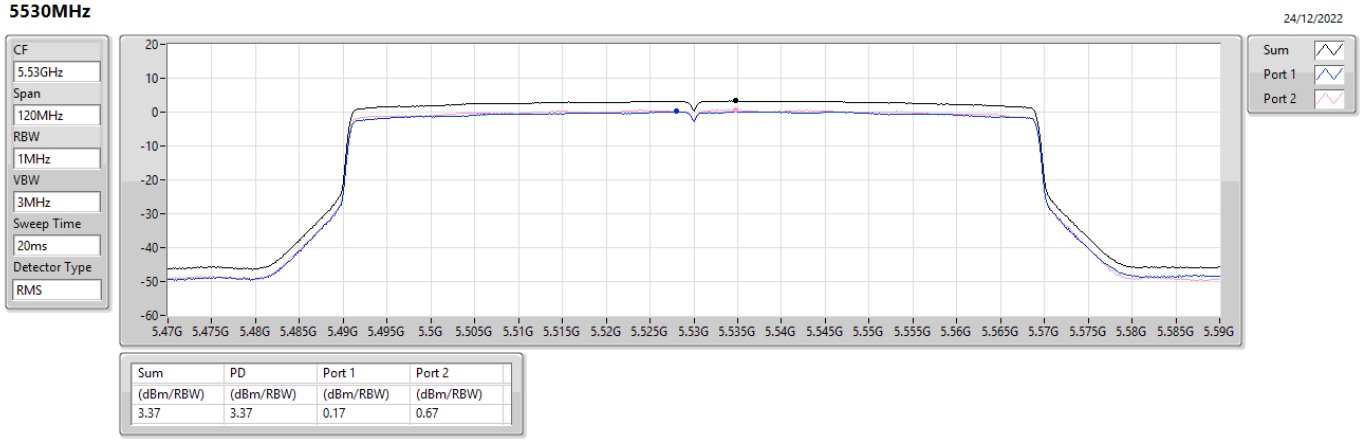
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.34	3.34	0.26	0.56

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **PSD**

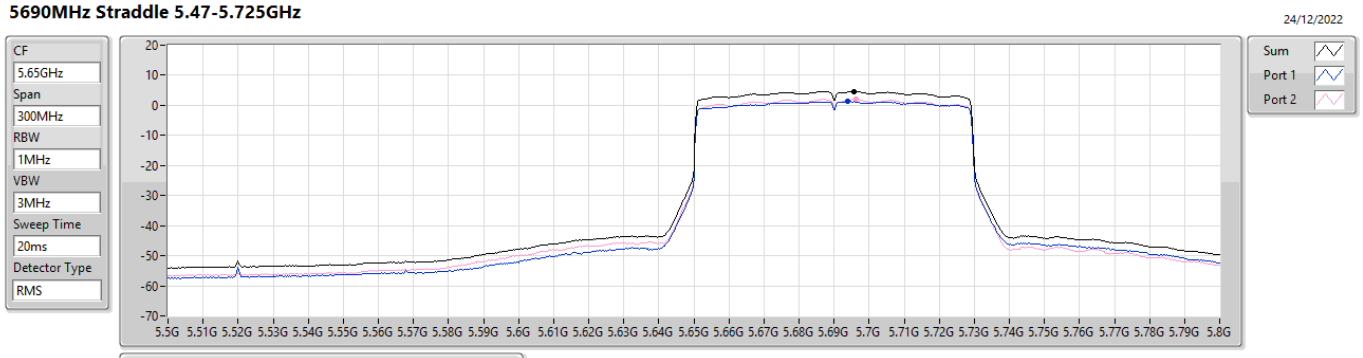
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.37	3.37	0.17	0.67

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **PSD**

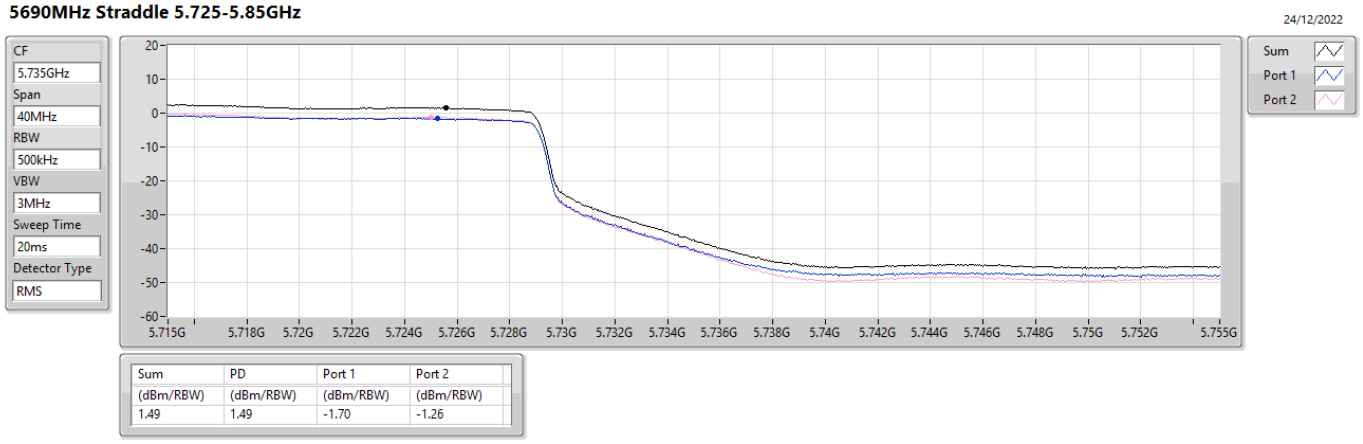
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.68	4.68	1.27	2.07

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **PSD**

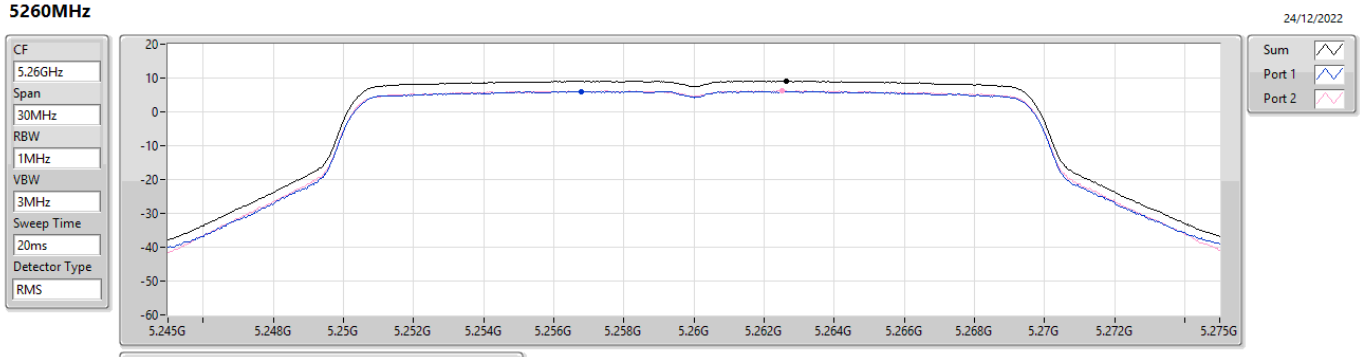
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.49	1.49	-1.70	-1.26

5.25-5.35GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

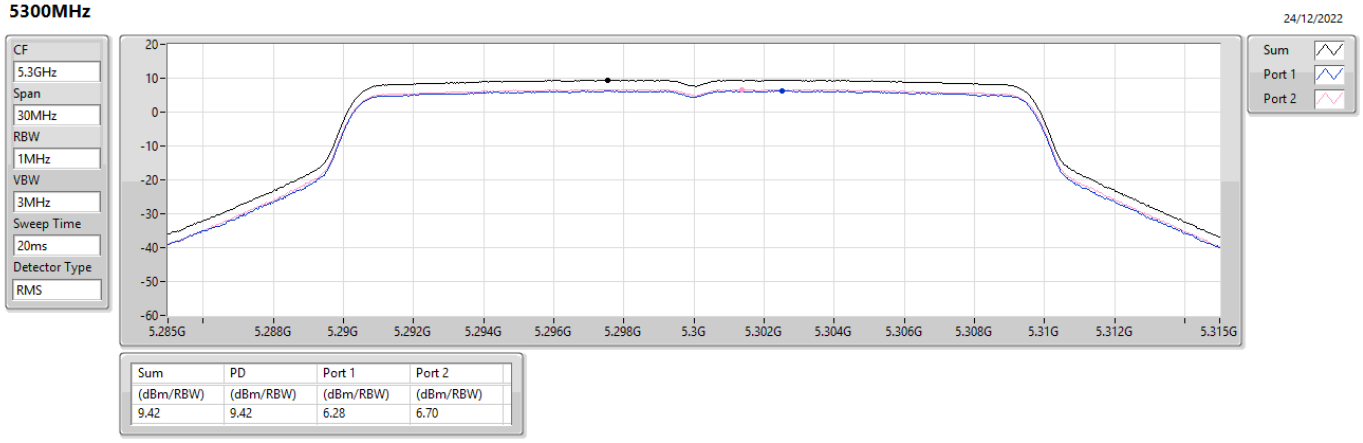
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.13	9.13	6.06	6.25

5.25-5.35GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

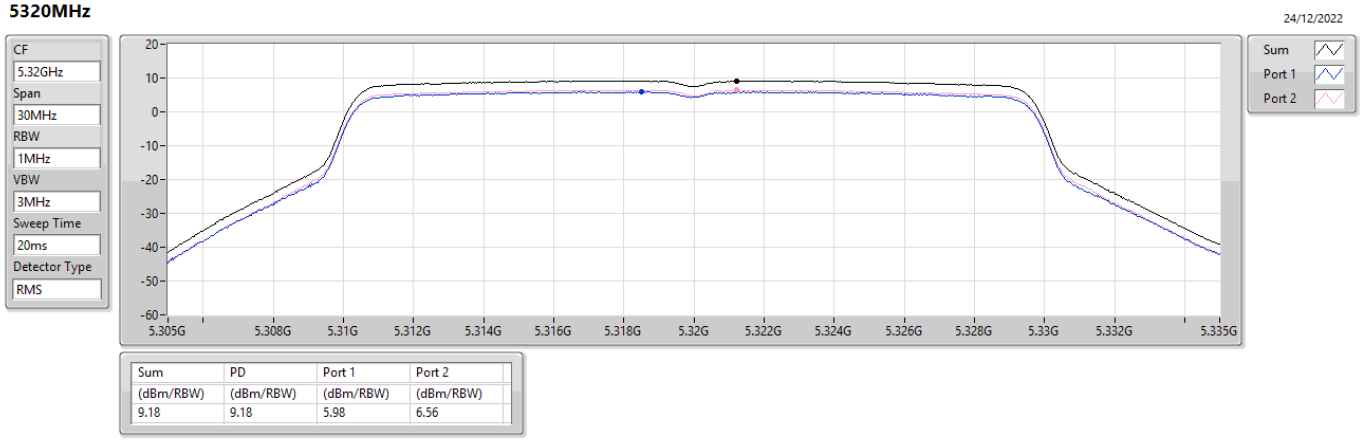
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.42	9.42	6.28	6.70

5.25-5.35GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

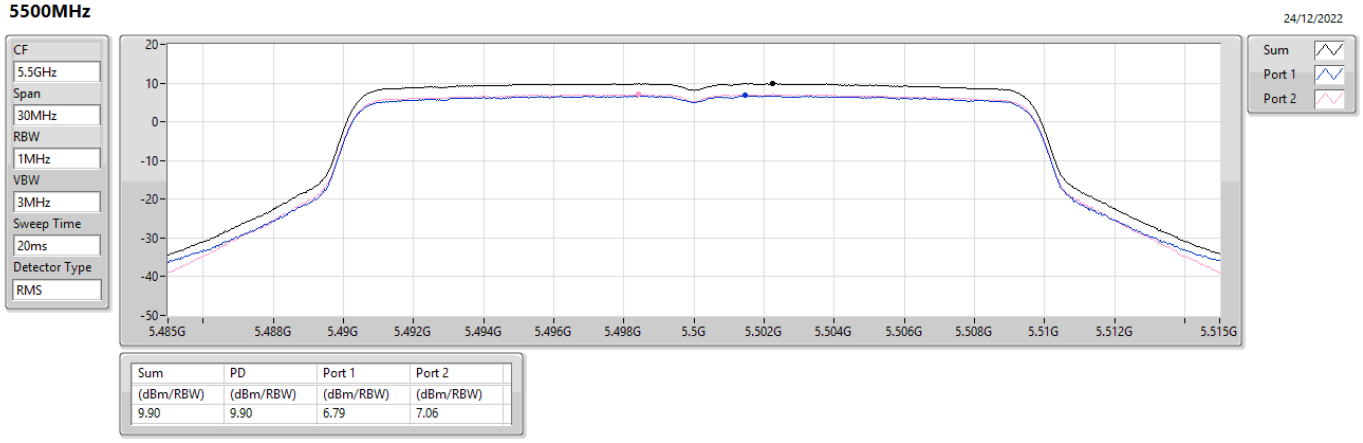
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.18	9.18	5.98	6.56

5.47-5.725GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

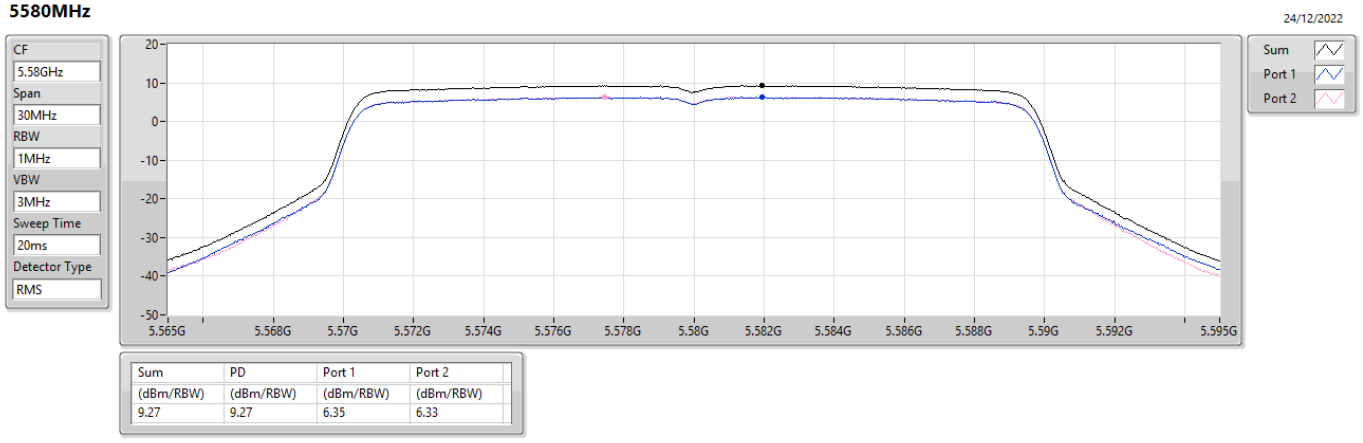
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.90	9.90	6.79	7.06

5.47-5.725GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

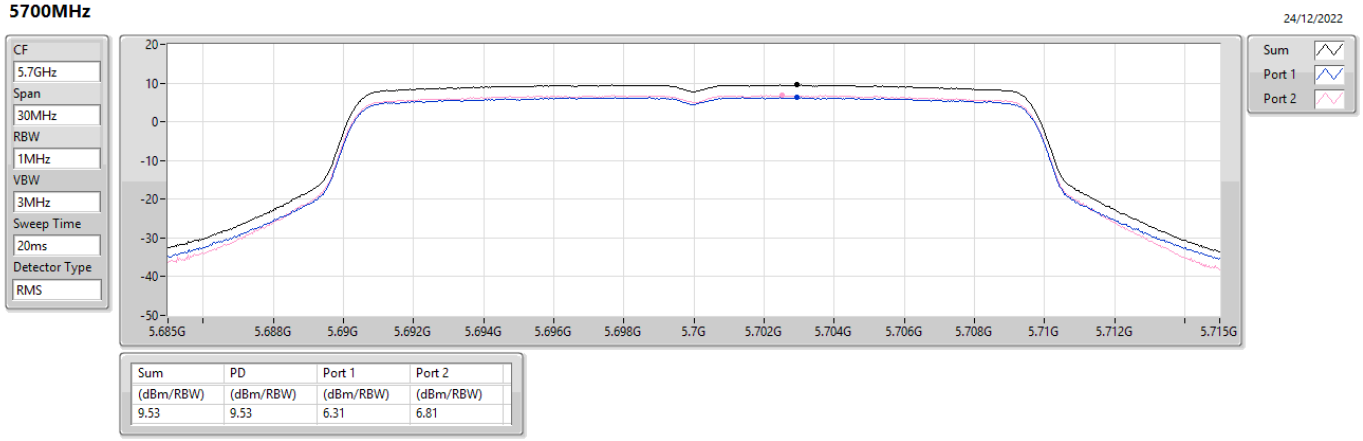
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.27	9.27	6.35	6.33

5.47-5.725GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

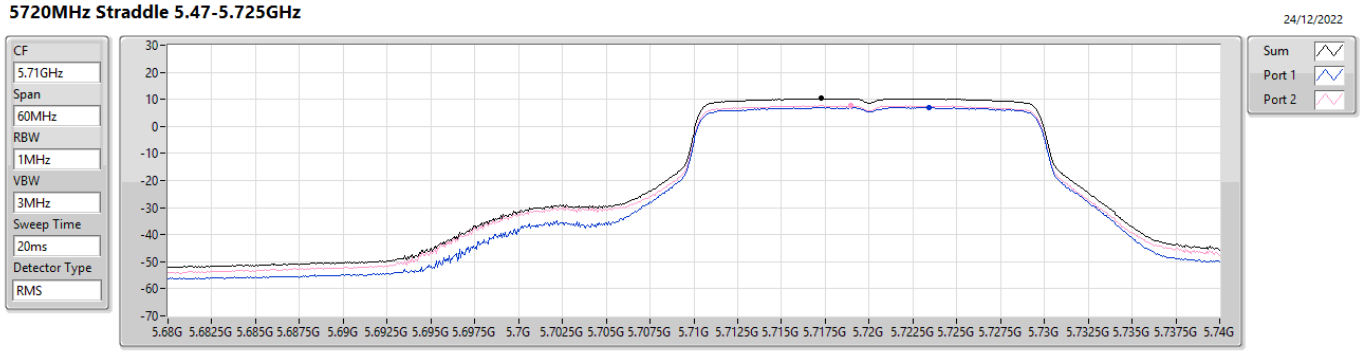
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.53	9.53	6.31	6.81

5.47-5.725GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

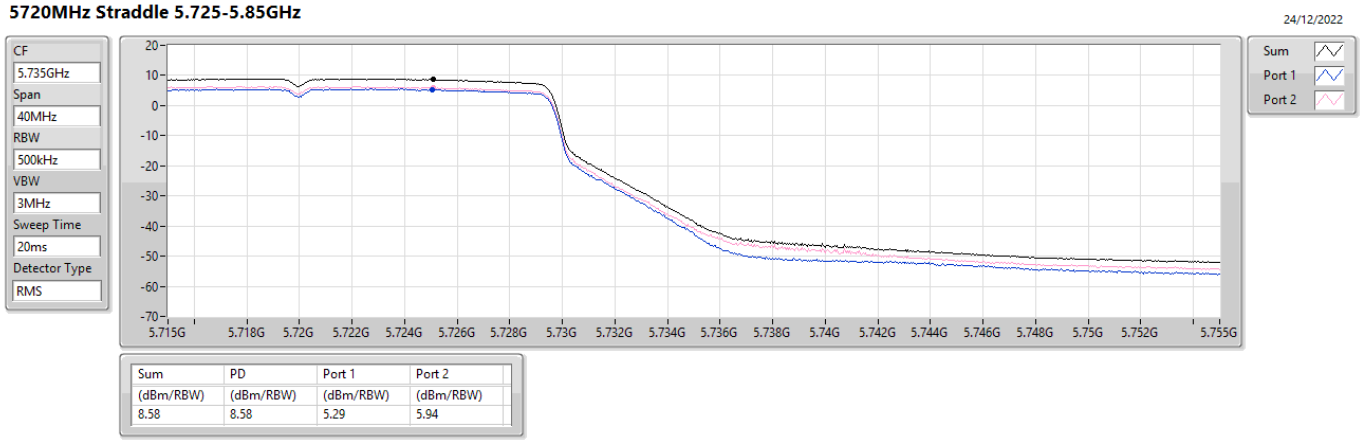
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.30	10.30	7.02	7.67

5.725-5.85GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

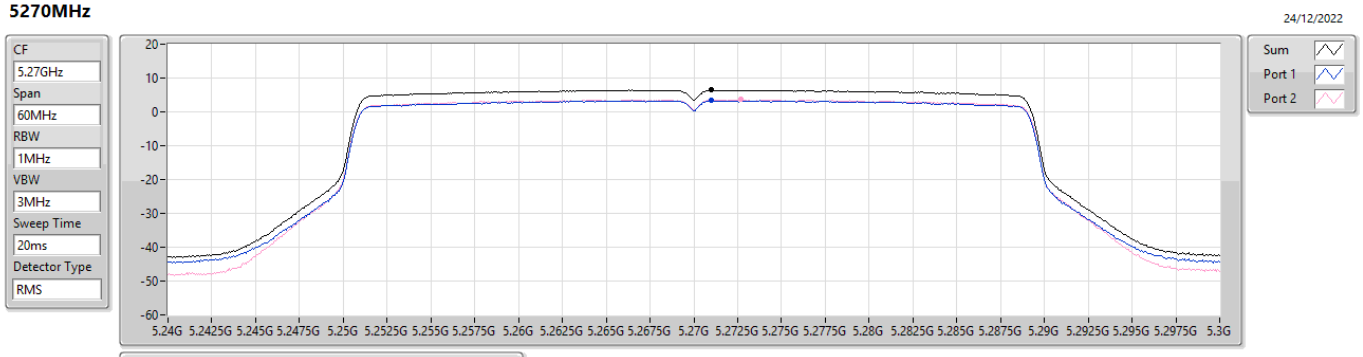
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.58	8.58	5.29	5.94

5.25-5.35GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

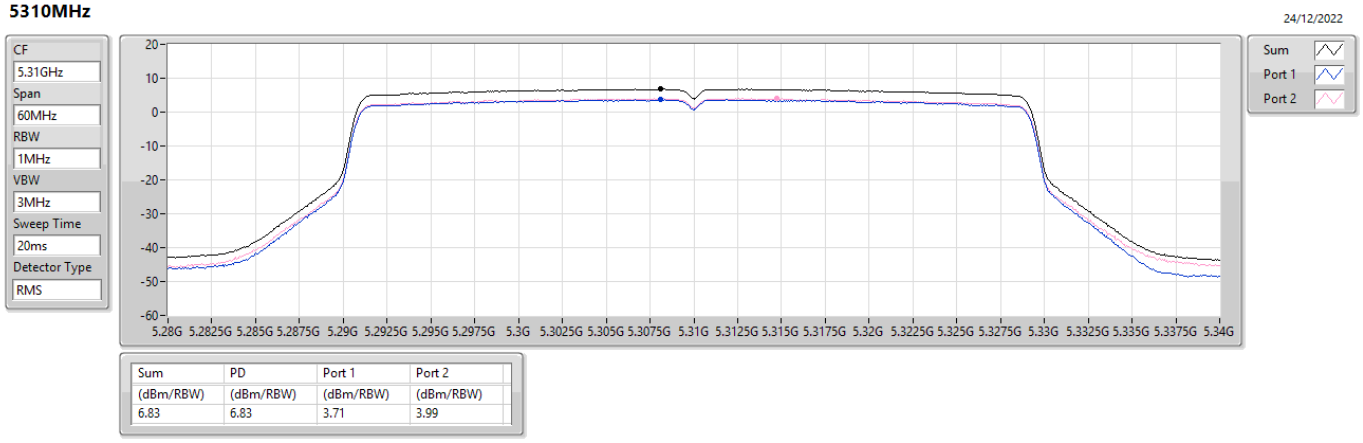
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.47	6.47	3.49	3.66

5.25-5.35GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

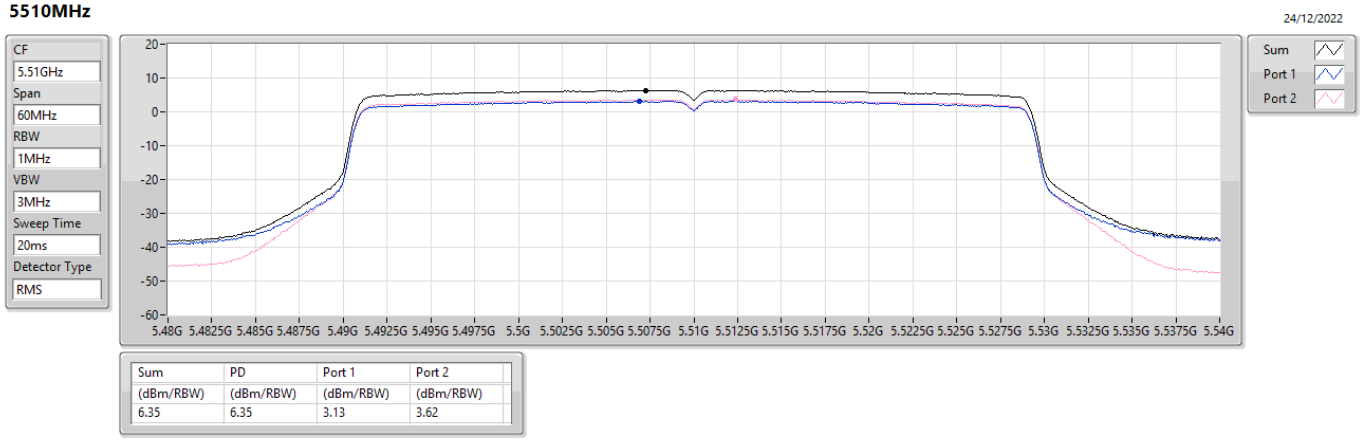
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.83	6.83	3.71	3.99

5.47-5.725GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

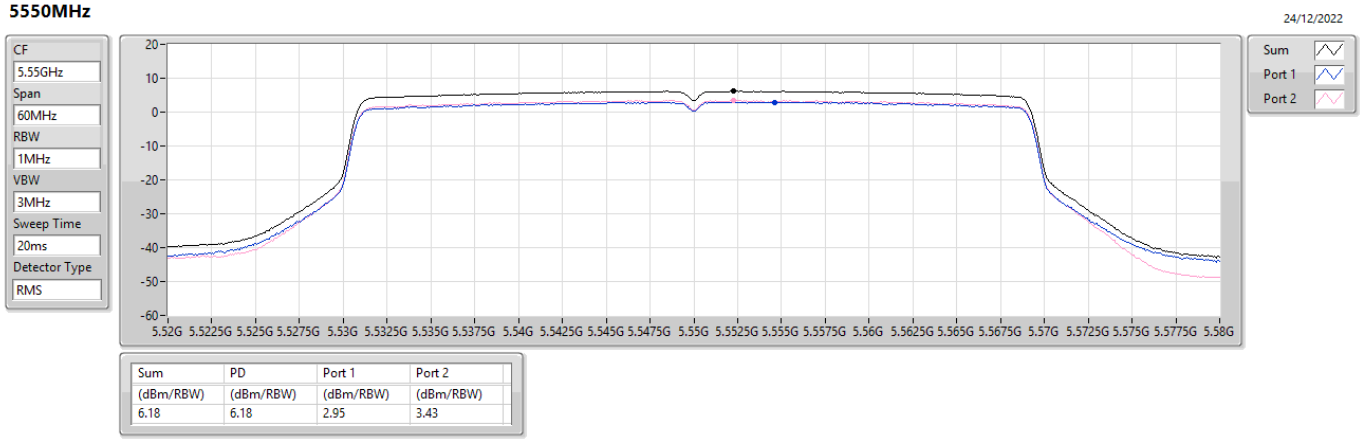
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.35	6.35	3.13	3.62

5.47-5.725GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

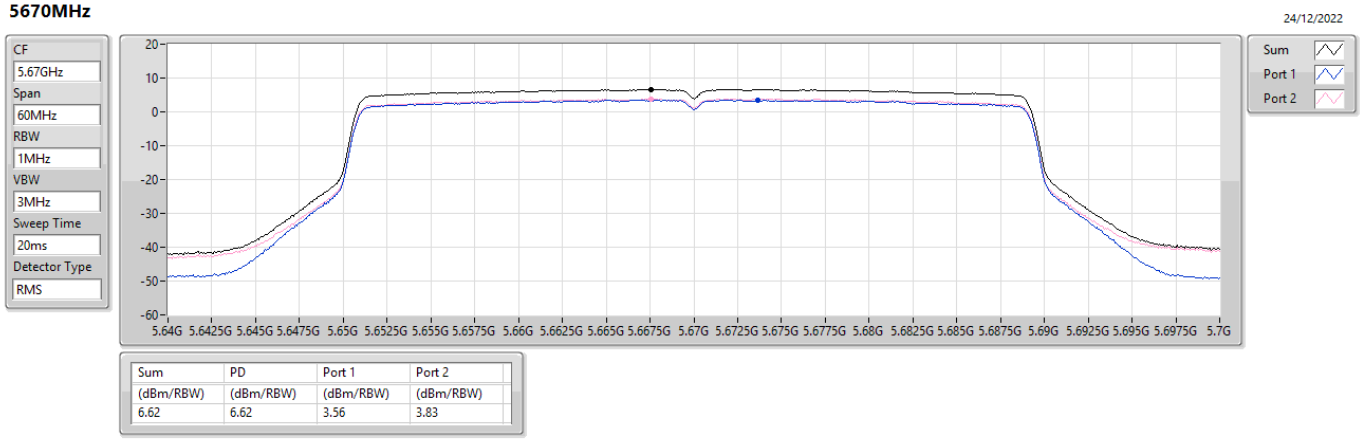
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.18	6.18	2.95	3.43

5.47-5.725GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

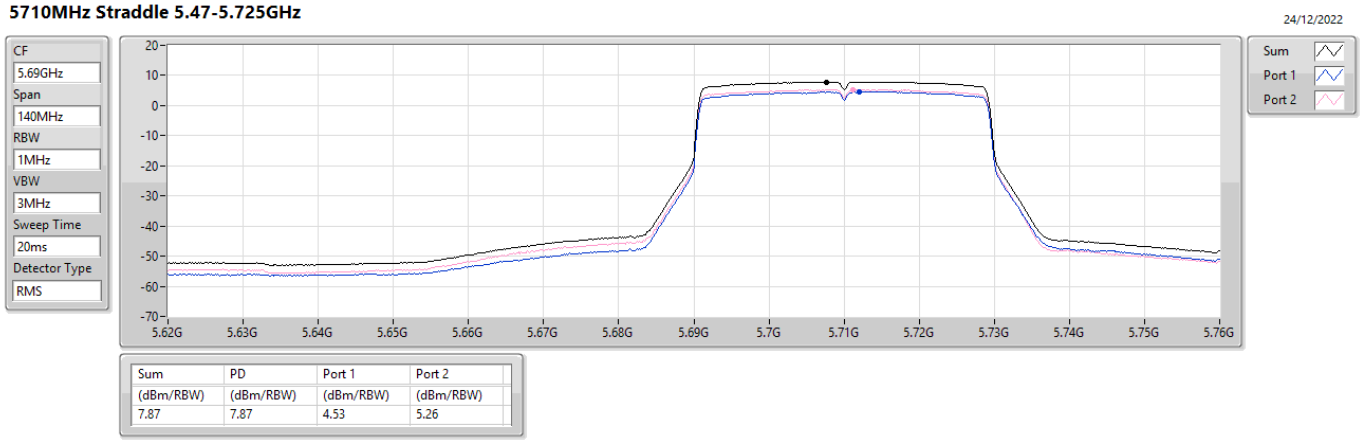
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.62	6.62	3.56	3.83

5.47-5.725GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

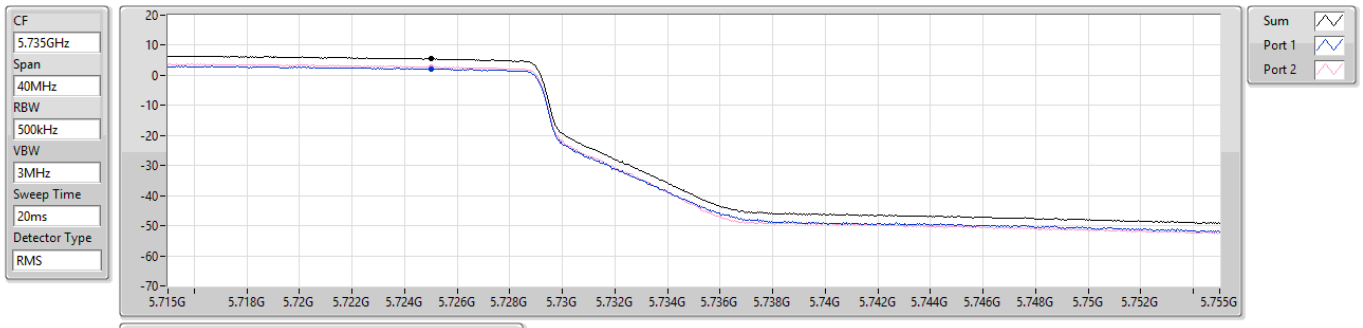
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.87	7.87	4.53	5.26

5.725-5.85GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.49	5.49	2.17	2.76