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.)

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History of this test report

Report No.	Version	Description	Issued Date
FR330127AB	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	-

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
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.15-5.25GHz	802.11n HT20	20	2TX
5.15-5.25GHz	802.11n HT20-BF	20	2TX
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11ac VHT20-BF	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11ax HEW20-BF	20	2TX
5.15-5.25GHz	802.11n HT40	40	2TX
5.15-5.25GHz	802.11n HT40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.15-5.25GHz	802.11ac VHT40-BF	40	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ax HEW40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.15-5.25GHz	802.11ac VHT80-BF	80	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX
5.15-5.25GHz	802.11ax HEW80-BF	80	2TX
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11n HT20-BF	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ac VHT20-BF	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20-BF	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX

Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11n HT40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT40-BF	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ac VHT80-BF	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	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.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
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. 09, 2022~ Dec. 23, 2022
	03CH03-CB	Jackson Peng	21.8~23.3 / 59~60	Nov. 09, 2022~ Dec. 23, 2022
Radiated above 1GHz (For EUT 2)	03CH03-CB	Jackson Peng	22.7~24 / 57~61	Apr. 13, 2023~ Apr. 17, 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	-
5180MHz	22
5200MHz	24
5240MHz	25.5
5745MHz	25.5
5785MHz	25.5
5825MHz	25.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	21.5
5200MHz	24
5240MHz	26.5
5745MHz	26
5785MHz	26
5825MHz	26
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	21
5230MHz	24
5755MHz	23
5795MHz	25
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	21
5775MHz	23
802.11ax HEW20_Nss2,(MCS0)_2TX	-
5180MHz	22
5200MHz	24
5240MHz	26.5
5745MHz	26
5785MHz	26
5825MHz	26
802.11ax HEW40_Nss2,(MCS0)_2TX	-
5190MHz	21
5230MHz	24
5755MHz	25
5795MHz	25
802.11ax HEW80_Nss2,(MCS0)_2TX	-

Mode	Power Setting
5210MHz	21
5775MHz	23.5
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	28
5200MHz	28
5240MHz	28
5745MHz	28
5785MHz	28
5825MHz	28
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	24
5230MHz	28
5755MHz	26
5795MHz	26
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	24
5775MHz	28

For EUT 2:

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	24
5200MHz	25.5
5240MHz	27
5745MHz	28
5785MHz	28
5825MHz	28
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	24.5
5200MHz	26
5240MHz	27
5745MHz	28
5785MHz	28
5825MHz	28
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	21.5
5230MHz	24.5
5755MHz	25.5
5795MHz	25.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	20.5
5775MHz	24
802.11ax HEW20_Nss2,(MCS0)_2TX	-
5180MHz	25
5200MHz	26
5240MHz	27
5745MHz	28
5785MHz	28
5825MHz	28
802.11ax HEW40_Nss2,(MCS0)_2TX	-
5190MHz	22.5
5230MHz	25
5755MHz	25.5
5795MHz	25.5
802.11ax HEW80_Nss2,(MCS0)_2TX	-
5210MHz	22
5775MHz	24.5
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	26

Mode	Power Setting
5200MHz	26
5240MHz	26
5745MHz	26
5785MHz	26
5825MHz	26
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	22
5230MHz	26
5755MHz	26
5795MHz	26
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	22
5775MHz	25

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

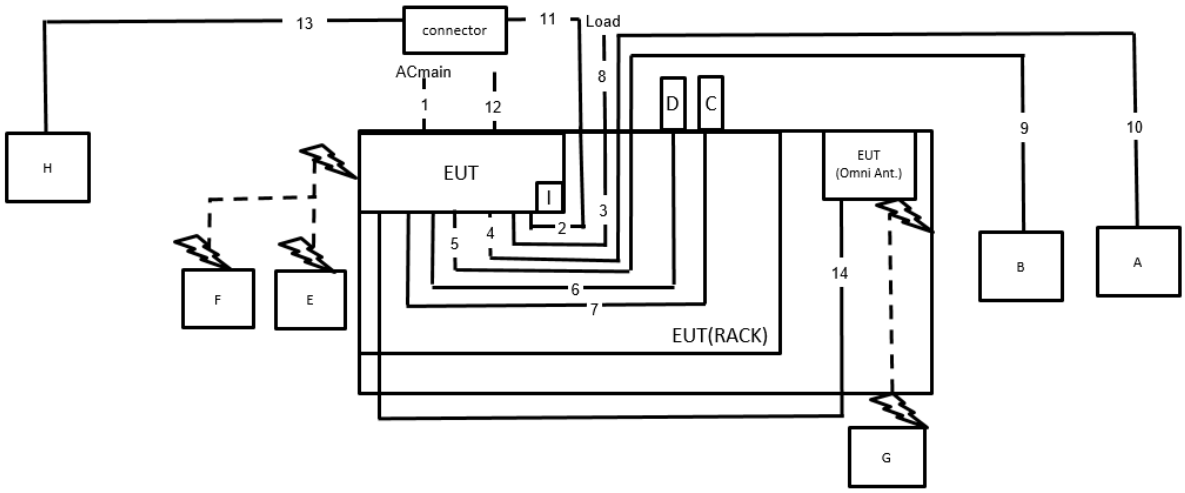
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	Client	datto	DSE641TL	N/A
C	NB	DELL	E4300	N/A

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

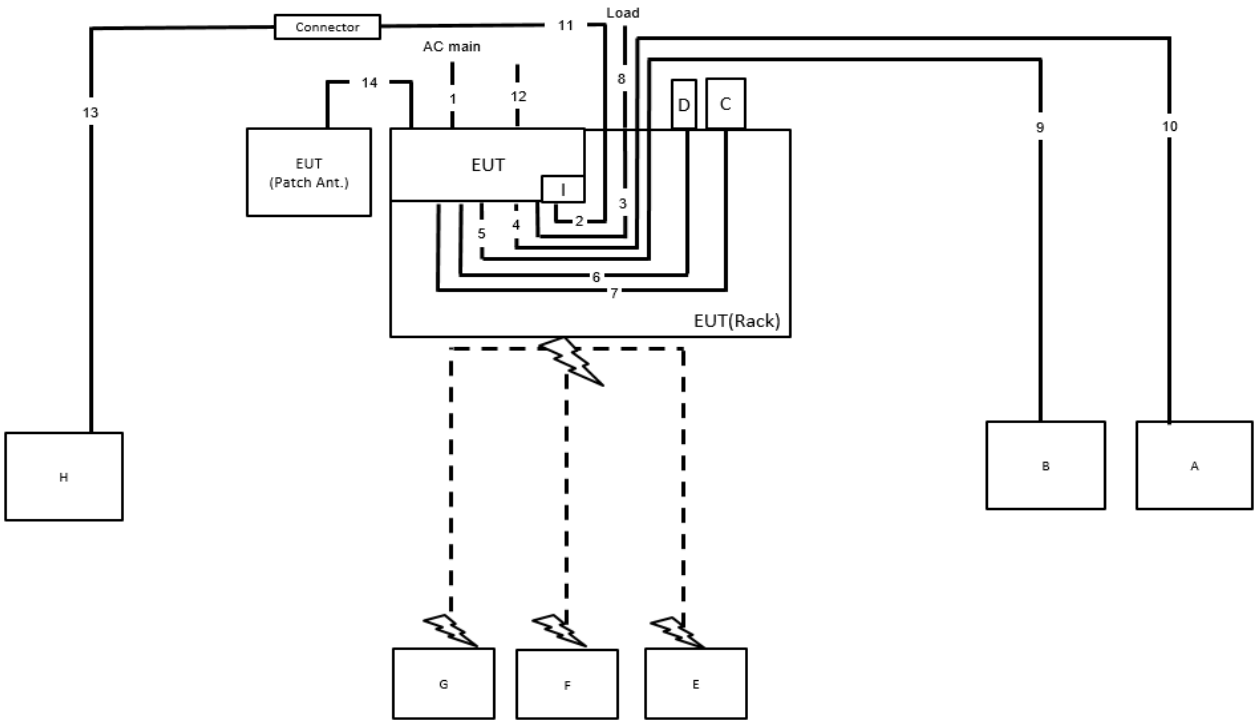
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



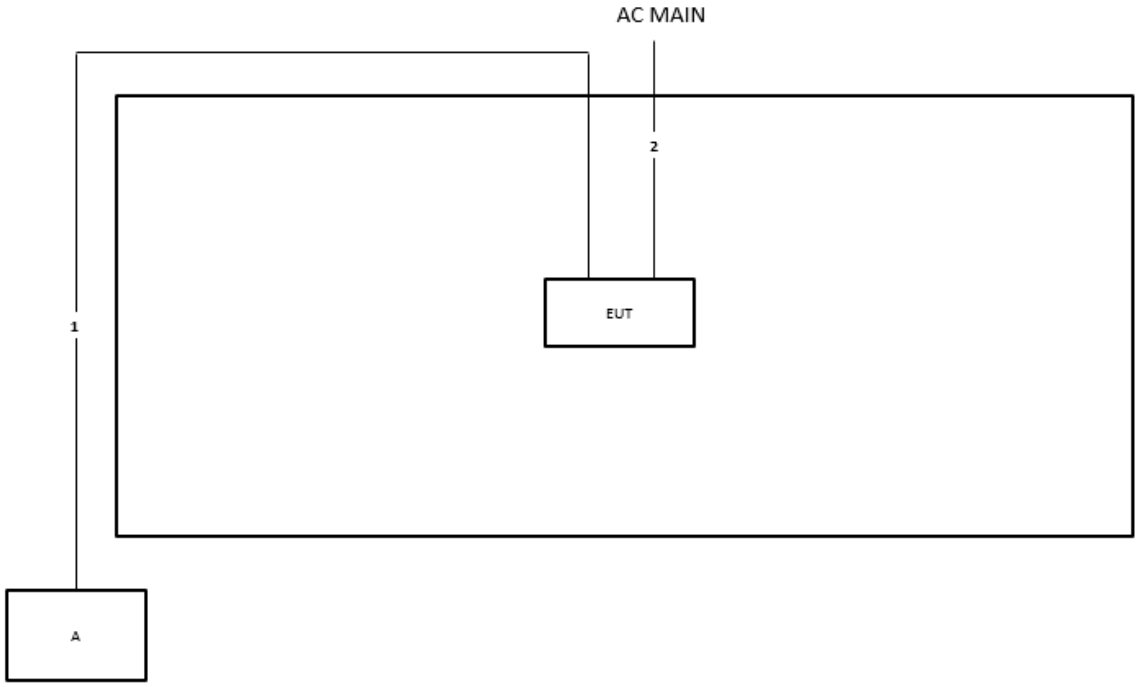
Item	Connection	Shielded	Length
1	Power Cable	No	2.5m
2	RJ-45 Cable	No	0.5m
3	RJ-45 Cable*2	No	0.5m
4	RJ-45 Cable	No	0.5m
5	RJ-45 Cable	No	0.5m
6	USB Cable	Yes	0.45m
7	USB Cable	Yes	0.45m
8	RJ-45 Cable*2	No	3m
9	RJ-45 Cable	No	10m
10	RJ-45 Cable	No	10m
11	RJ-45 Cable	No	1.8m
12	GND Cable	No	2m
13	RJ-45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

Test Setup Diagram - Radiated Test < 1GHz



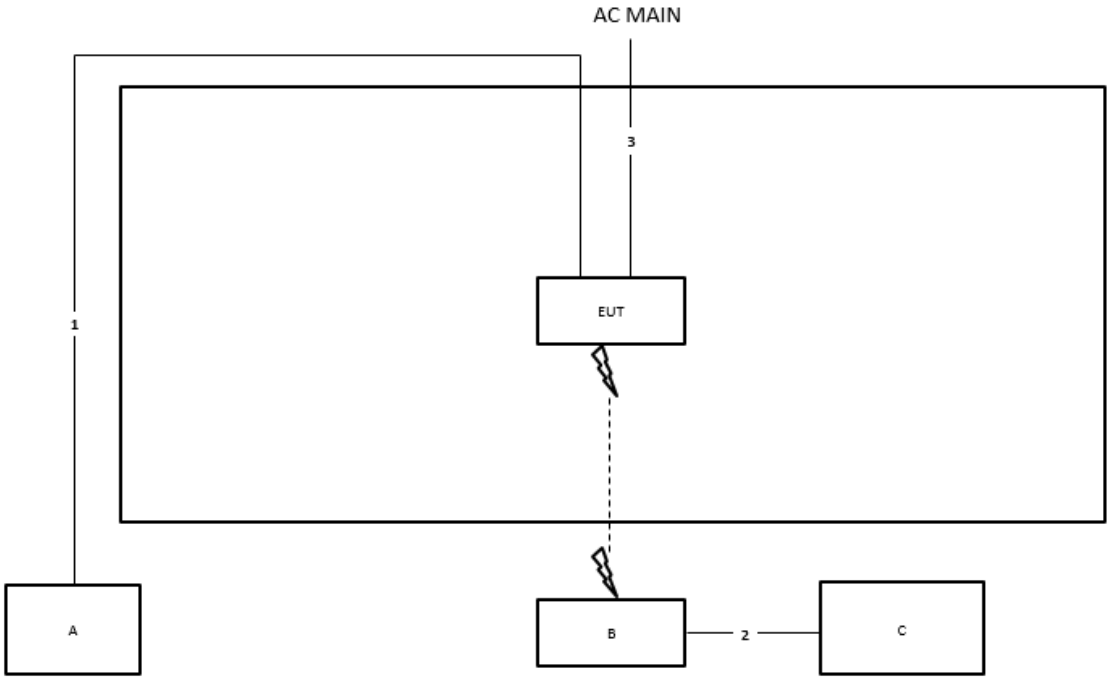
Item	Connection	Shielded	Length
1	Power Cable	No	2.5m
2	RJ-45 Cable	No	0.5m
3	RJ-45 Cable*2	No	0.5m
4	RJ-45 Cable	No	0.5m
5	RJ-45 Cable	No	0.5m
6	USB Cable	Yes	0.45m
7	USB Cable	Yes	0.45m
8	RJ-45 Cable*2	No	3m
9	RJ-45 Cable	No	10m
10	RJ-45 Cable	No	10m
11	RJ-45 Cable	No	1.8m
12	GND Cable	No	2m
13	RJ-45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

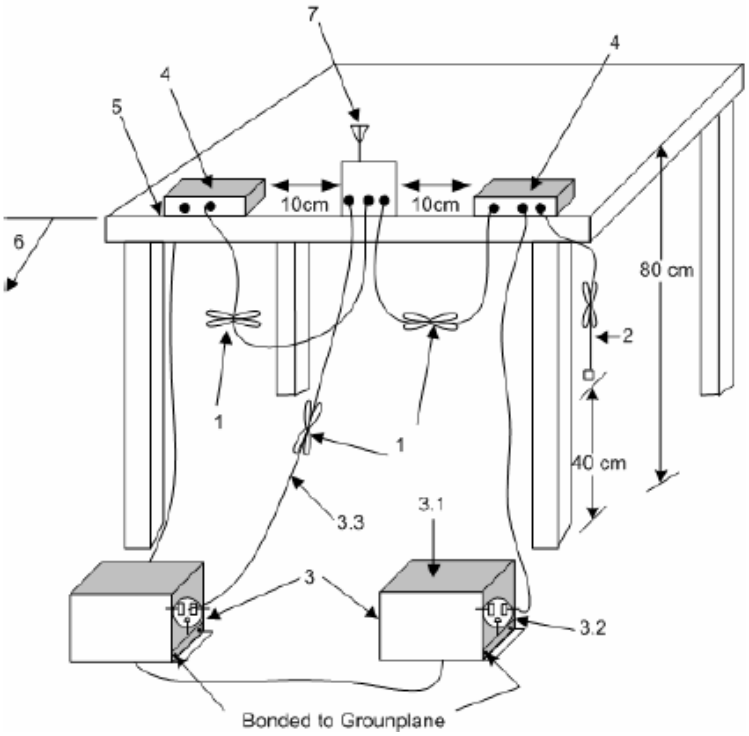
Refer a test equipment and calibration data table in this test report.

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.

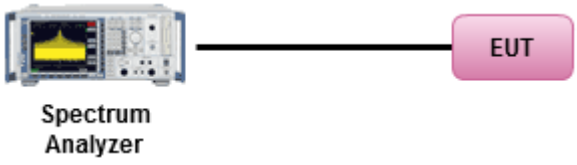
3.2.2 Measuring Instruments

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

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

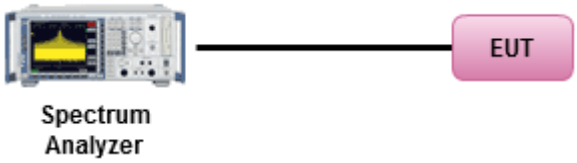
Refer a test equipment and calibration data table in this test report.

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).

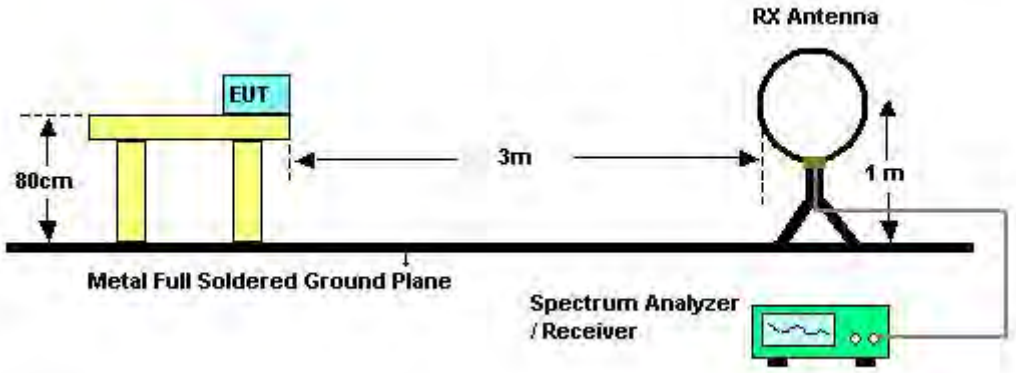
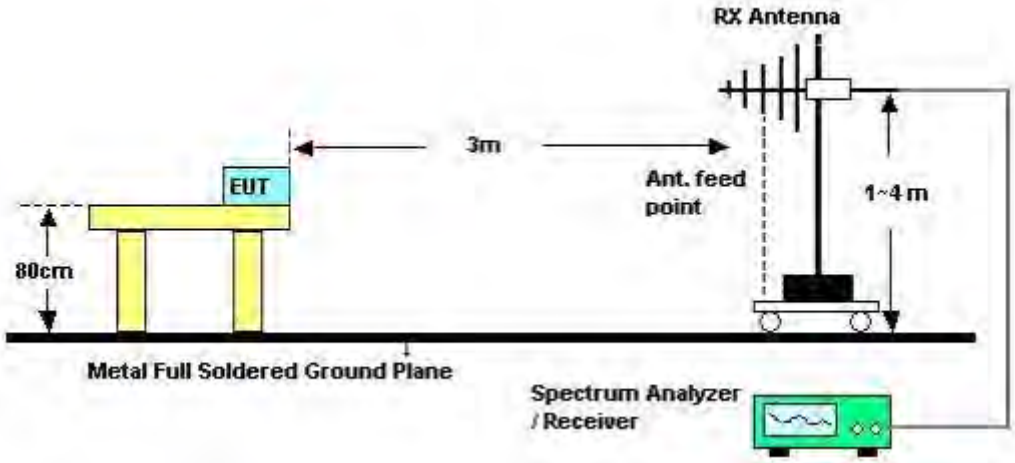
3.5.2 Measuring Instruments

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

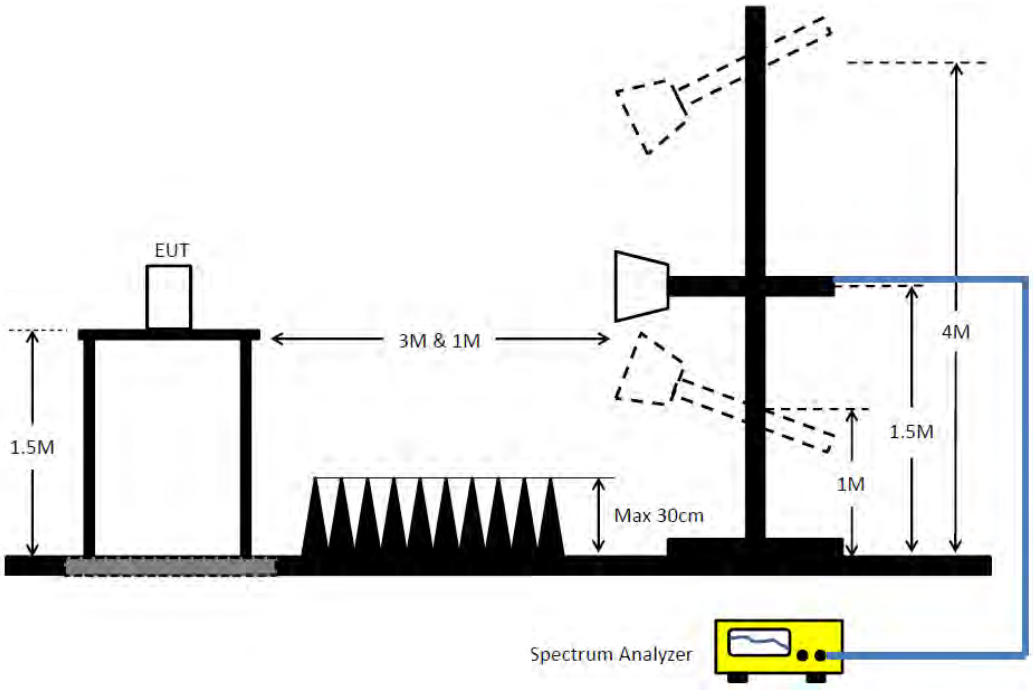
3.5.3 Test Procedures

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	BBHA91702 52	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)
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	BBHA91702 52	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH03-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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)
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)

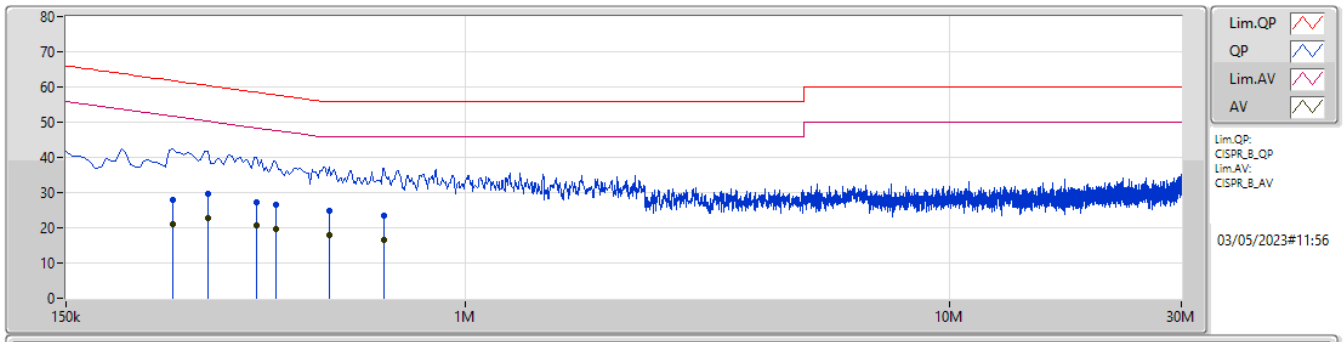
Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH04-CB)
High Cable	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

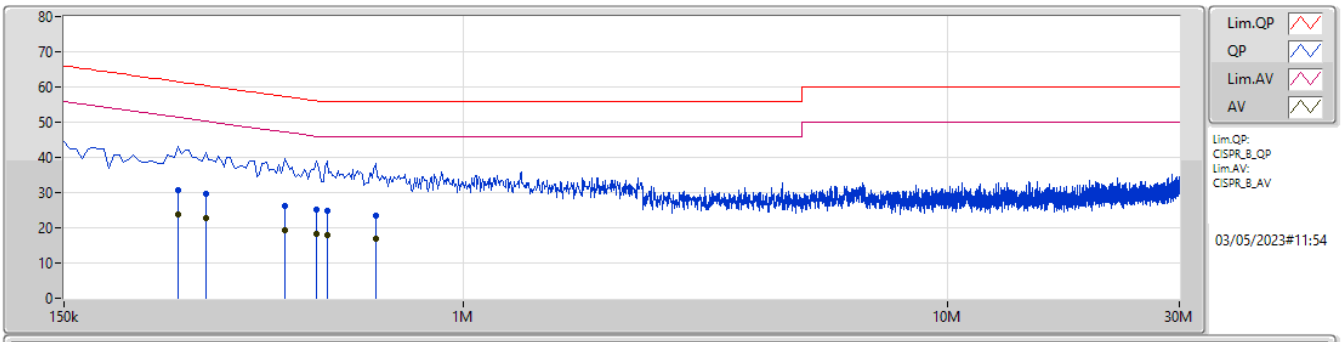
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 4	Pass	AV	294k	22.91	50.42	-27.51	Neutral

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)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	30.42M	16.857M	16M9D1D	20.58M	16.369M
802.11ax HEW20_Nss1,(MCS0)_2TX	35.67M	19.396M	19M4D1D	21.36M	18.9M
802.11ax HEW20_Nss2,(MCS0)_2TX	32.64M	19.356M	19M4D1D	21.69M	18.903M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.91M	18.91M	18M9D1D	21.45M	18.899M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.58M	37.815M	37M8D1D	40.68M	37.715M
802.11ax HEW40_Nss2,(MCS0)_2TX	41.4M	37.784M	37M8D1D	40.92M	37.706M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	41.52M	37.751M	37M8D1D	40.74M	37.669M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.44M	77.118M	77M1D1D	82.2M	77.078M
802.11ax HEW80_Nss2,(MCS0)_2TX	82.68M	77.102M	77M1D1D	82.56M	77.059M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	82.92M	77.118M	77M1D1D	82.2M	77.073M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.29M	22.963M	23M0D1D	15.51M	17.118M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.78M	22.981M	23M0D1D	18.06M	19.218M
802.11ax HEW20_Nss2,(MCS0)_2TX	18.45M	23.031M	23M0D1D	16.38M	19.173M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.51M	18.998M	19M0D1D	17.76M	18.919M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.8M	38.362M	38M4D1D	37.26M	37.763M
802.11ax HEW40_Nss2,(MCS0)_2TX	37.92M	38.438M	38M4D1D	37.56M	37.862M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.74M	37.832M	37M8D1D	36.6M	37.692M
802.11ax HEW80_Nss1,(MCS0)_2TX	74.4M	77.072M	77M1D1D	70.68M	76.96M
802.11ax HEW80_Nss2,(MCS0)_2TX	76.08M	77.195M	77M2D1D	67.68M	77.069M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	75.12M	77.083M	77M1D1D	32.52M	77.015M

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

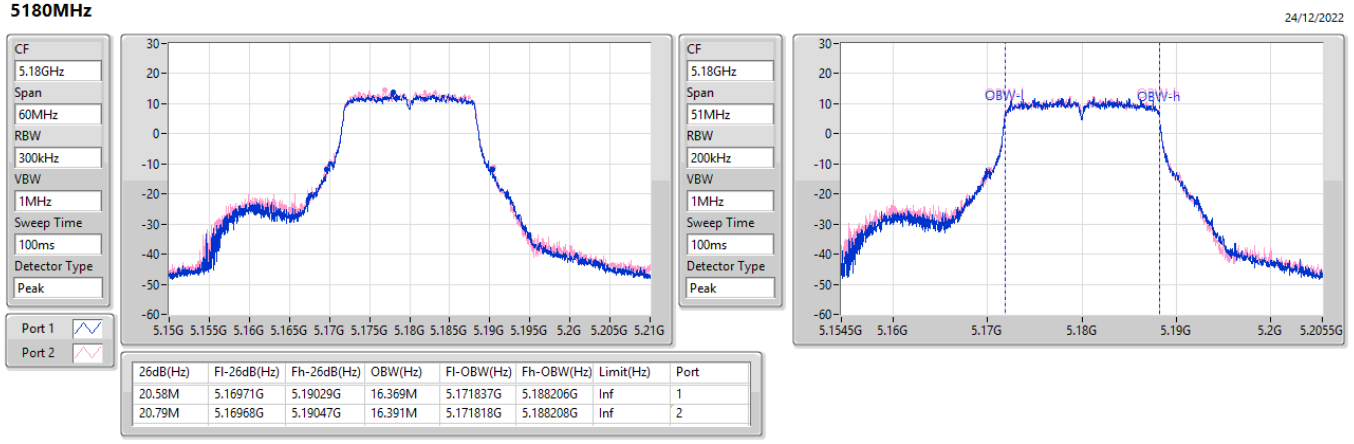
Result

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	-	-	-	-	-	-
5180MHz	Pass	Inf	20.58M	16.369M	20.79M	16.391M
5200MHz	Pass	Inf	20.73M	16.424M	21.48M	16.444M
5240MHz	Pass	Inf	30.39M	16.778M	30.42M	16.857M
5745MHz	Pass	500k	16.02M	17.118M	16.29M	19.169M
5785MHz	Pass	500k	15.51M	20.339M	15.6M	22.963M
5825MHz	Pass	500k	15.99M	21.083M	16.29M	21.987M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.36M	18.9M	21.51M	18.905M
5200MHz	Pass	Inf	21.93M	18.946M	21.75M	18.943M
5240MHz	Pass	Inf	35.49M	19.381M	35.67M	19.396M
5745MHz	Pass	500k	18.45M	19.218M	18.06M	19.699M
5785MHz	Pass	500k	18.54M	19.458M	18.78M	22.981M
5825MHz	Pass	500k	18.45M	21.429M	18.36M	22.319M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.68M	37.767M	41.28M	37.715M
5230MHz	Pass	Inf	41.16M	37.789M	41.58M	37.815M
5755MHz	Pass	500k	37.8M	37.763M	37.56M	37.837M
5795MHz	Pass	500k	37.26M	38.076M	37.62M	38.362M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.44M	77.118M	82.2M	77.078M
5775MHz	Pass	500k	70.68M	77.072M	74.4M	76.96M
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.69M	18.903M	21.75M	18.93M
5200MHz	Pass	Inf	22.08M	18.946M	22.8M	18.967M
5240MHz	Pass	Inf	32.34M	19.356M	32.64M	19.262M
5745MHz	Pass	500k	18.03M	19.173M	17.64M	20.889M
5785MHz	Pass	500k	18.33M	19.296M	16.38M	23.031M
5825MHz	Pass	500k	18.39M	21.955M	18.45M	22.605M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	41.1M	37.751M	41.1M	37.706M
5230MHz	Pass	Inf	40.92M	37.784M	41.4M	37.773M
5755MHz	Pass	500k	37.56M	37.862M	37.56M	38.129M
5795MHz	Pass	500k	37.74M	38.033M	37.92M	38.438M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.56M	77.102M	82.68M	77.059M
5775MHz	Pass	500k	76.08M	77.069M	67.68M	77.195M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.69M	18.91M	23.91M	18.901M
5200MHz	Pass	Inf	21.81M	18.902M	21.45M	18.899M
5240MHz	Pass	Inf	22.14M	18.904M	22.02M	18.909M
5745MHz	Pass	500k	18.51M	18.958M	17.76M	18.998M
5785MHz	Pass	500k	18.42M	18.939M	18.3M	18.945M
5825MHz	Pass	500k	17.79M	18.919M	17.85M	18.958M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.74M	37.751M	41.28M	37.737M
5230MHz	Pass	Inf	40.74M	37.669M	41.52M	37.713M
5755MHz	Pass	500k	37.32M	37.745M	37.74M	37.775M
5795MHz	Pass	500k	37.68M	37.832M	36.6M	37.692M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.2M	77.118M	82.92M	77.073M
5775MHz	Pass	500k	75.12M	77.015M	32.52M	77.083M

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

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

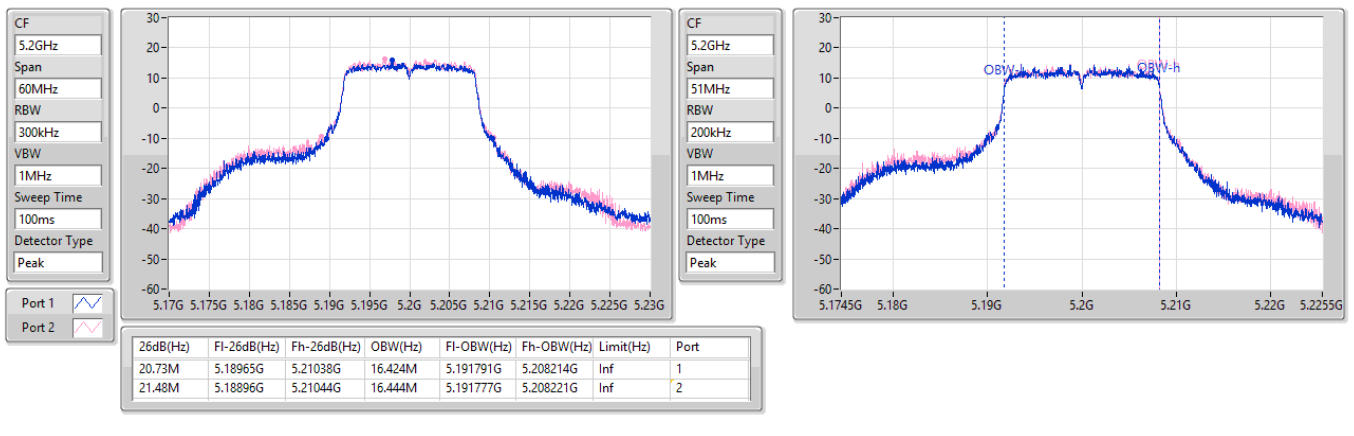
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.58M	5.16971G	5.19029G	16.369M	5.171837G	5.188206G	Inf	1
20.79M	5.16968G	5.19047G	16.391M	5.171818G	5.188208G	Inf	2

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5200MHz

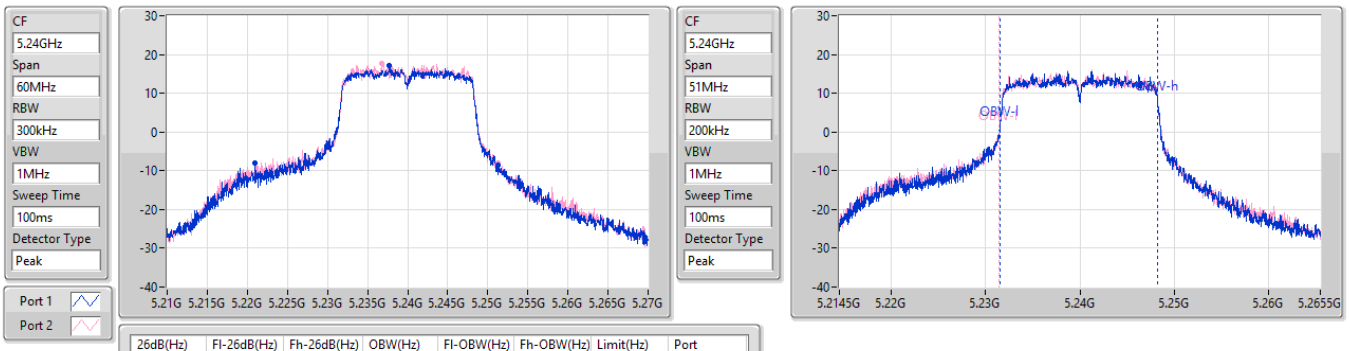


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.73M	5.18965G	5.21038G	16.424M	5.191791G	5.208214G	Inf	1
21.48M	5.18896G	5.21044G	16.444M	5.191777G	5.208221G	Inf	2

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5240MHz

24/12/2022

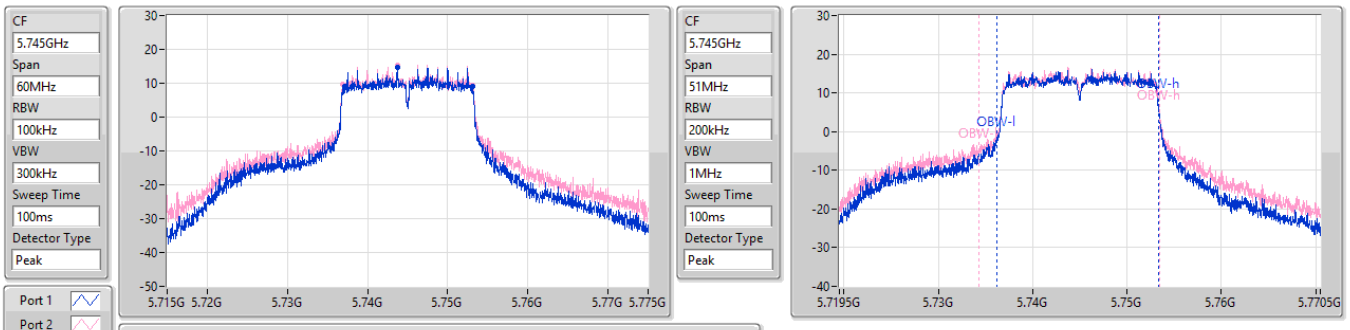


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.39M	5.22092G	5.25131G	16.778M	5.231515G	5.248293G	Inf	1
30.42M	5.22092G	5.25134G	16.857M	5.231417G	5.248274G	Inf	2

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

5745MHz

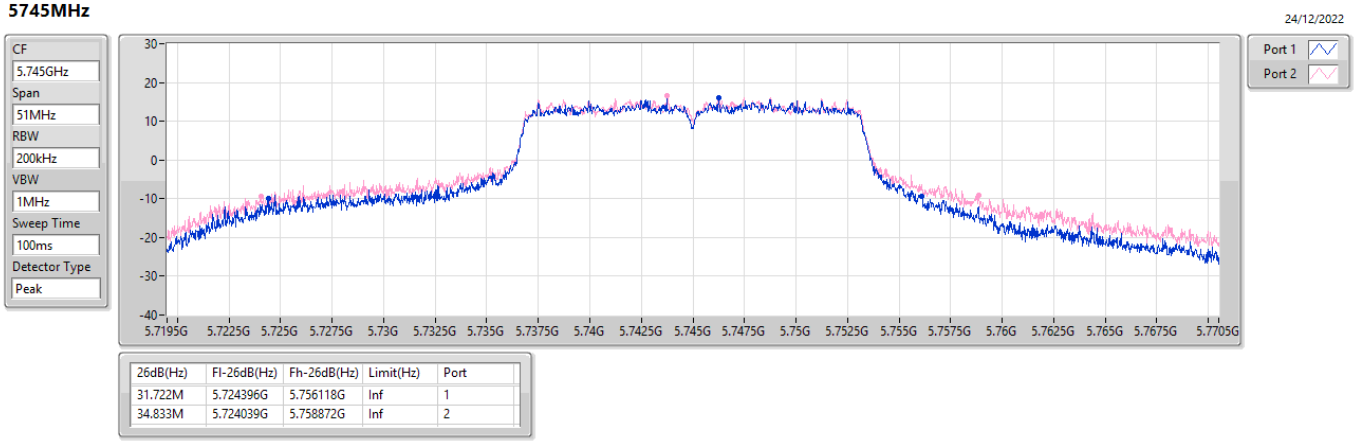
24/12/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.02M	5.73711G	5.75313G	17.118M	5.736198G	5.753315G	500k	1
16.29M	5.73687G	5.75316G	19.169M	5.734297G	5.753465G	500k	2

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

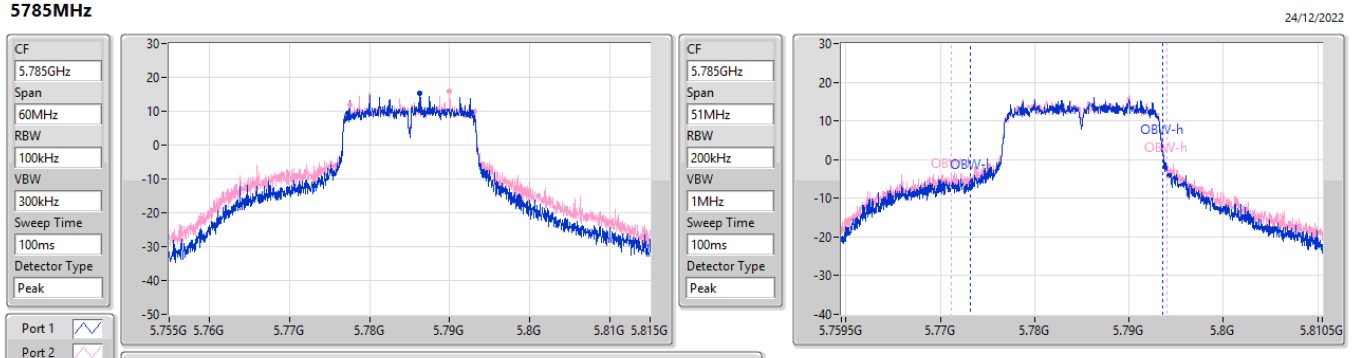
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
31.722M	5.724396G	5.756118G	Inf	1
34.833M	5.724039G	5.758872G	Inf	2

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

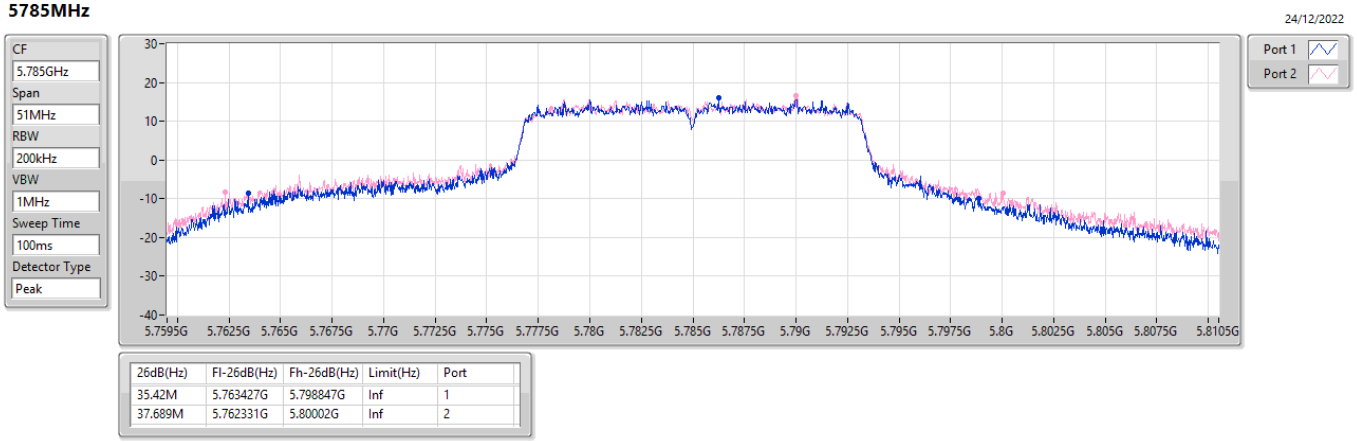
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.51M	5.77726G	5.79277G	20.339M	5.773203G	5.793542G	500k	1
15.6M	5.77756G	5.79316G	22.963M	5.771106G	5.794069G	500k	2

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

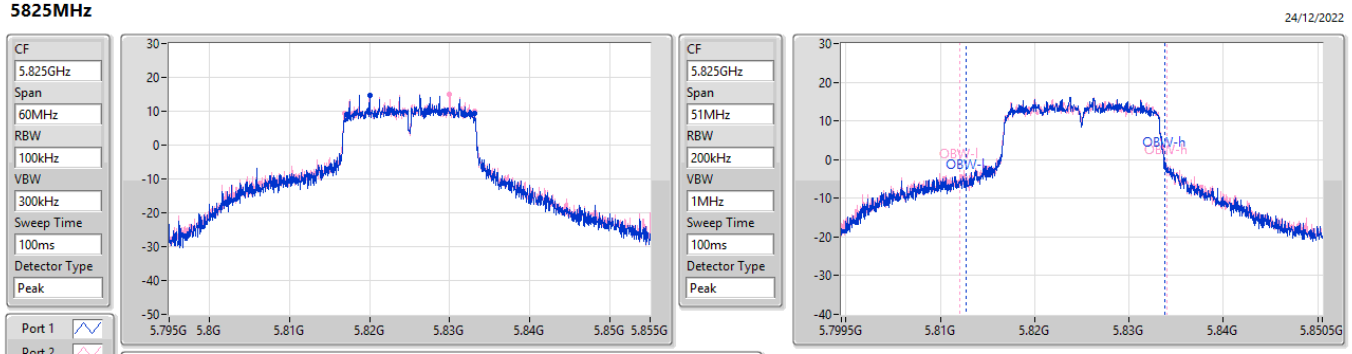
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
35.42M	5.763427G	5.798847G	Inf	1
37.689M	5.762331G	5.80002G	Inf	2

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

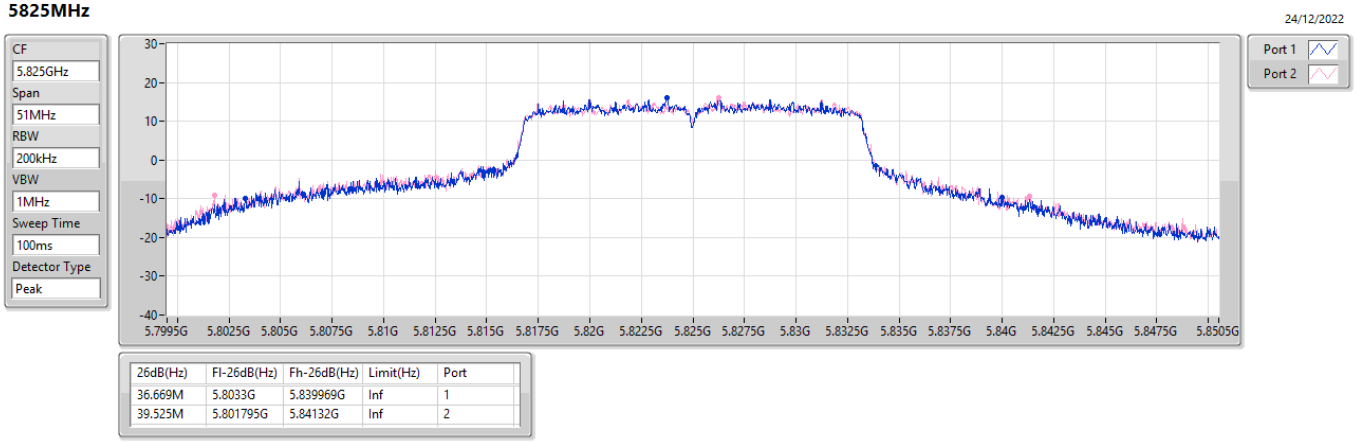
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.99M	5.81714G	5.83313G	21.083M	5.812735G	5.833818G	500k	1
16.29M	5.81684G	5.83313G	21.987M	5.812014G	5.834001G	500k	2

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

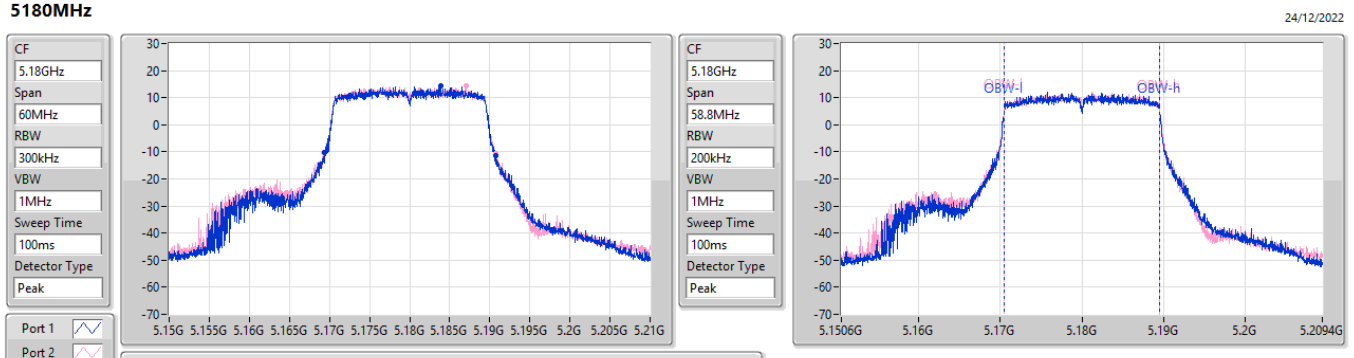
5825MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
36.669M	5.8033G	5.839969G	Inf	1
39.525M	5.801795G	5.84132G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5180MHz

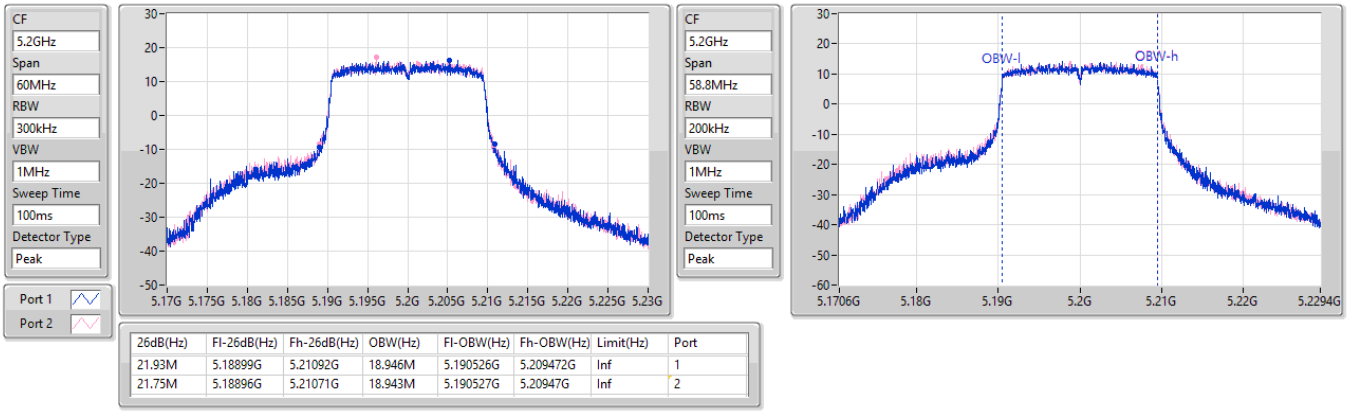


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.36M	5.16935G	5.19071G	18.9M	5.170564G	5.189464G	Inf	1
21.51M	5.1692G	5.19071G	18.905M	5.170562G	5.189466G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5200MHz

24/12/2022

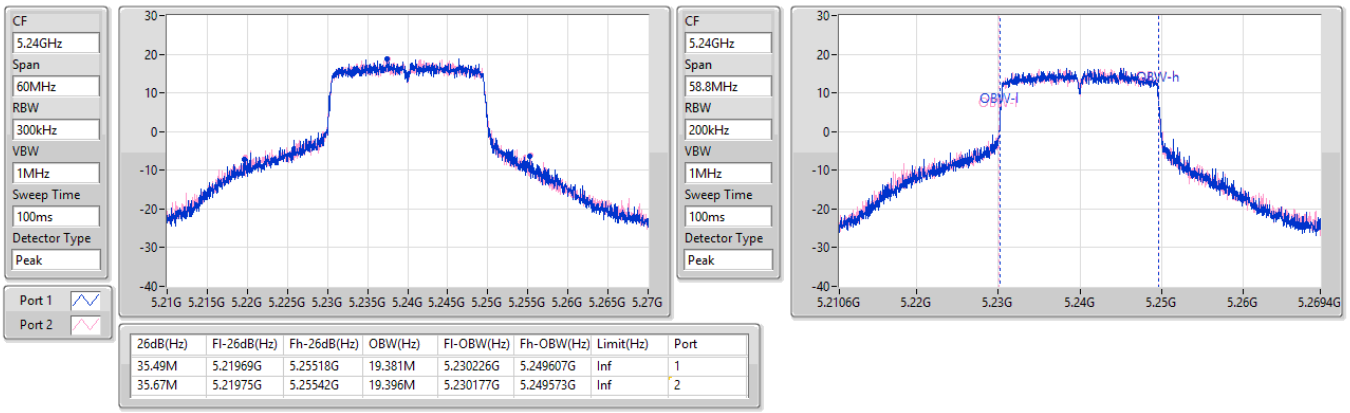


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.93M	5.18899G	5.21092G	18.946M	5.190526G	5.209472G	Inf	1
21.75M	5.18896G	5.21071G	18.943M	5.190527G	5.20947G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5240MHz

24/12/2022

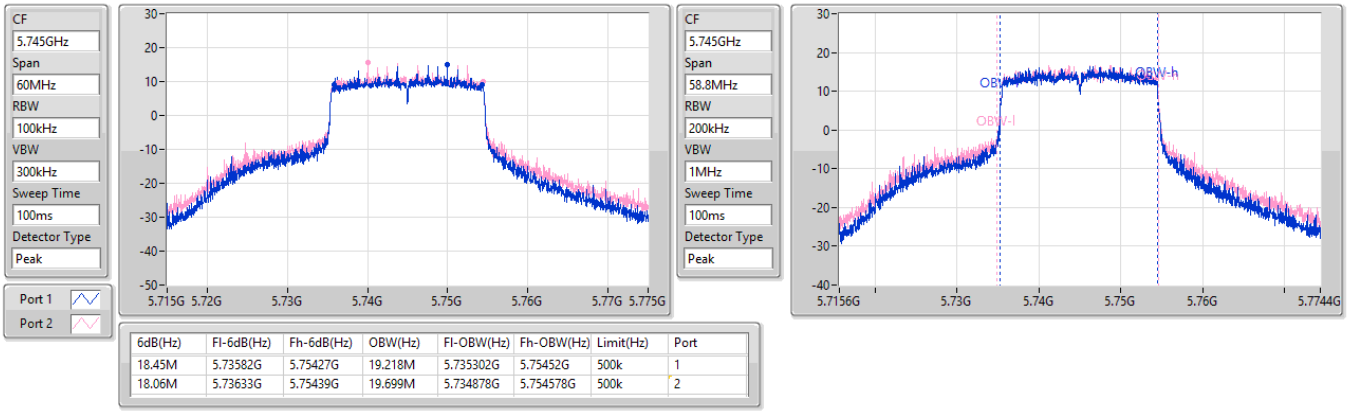


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.49M	5.21969G	5.25518G	19.381M	5.230226G	5.249607G	Inf	1
35.67M	5.21975G	5.25542G	19.396M	5.230177G	5.249573G	Inf	2

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

5745MHz

24/12/2022

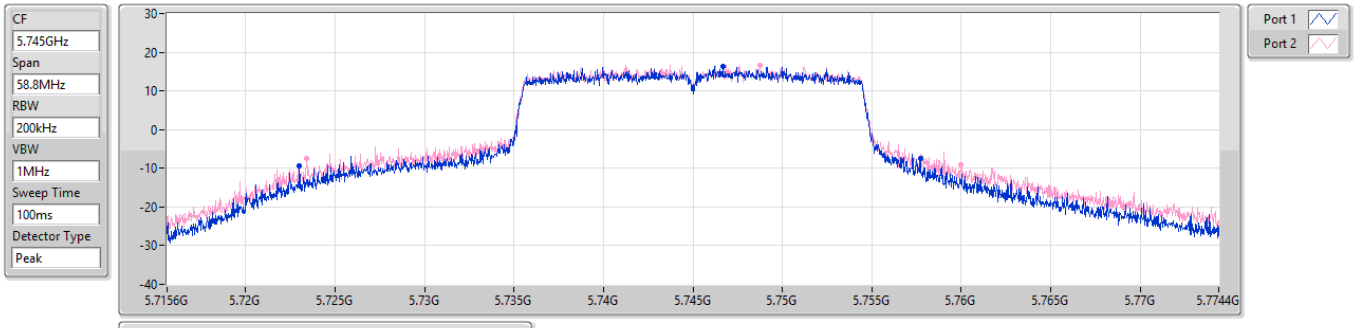


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.45M	5.73582G	5.75427G	19.218M	5.735302G	5.75452G	500k	1
18.06M	5.73633G	5.75439G	19.699M	5.734878G	5.754578G	500k	2

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

5745MHz

24/12/2022

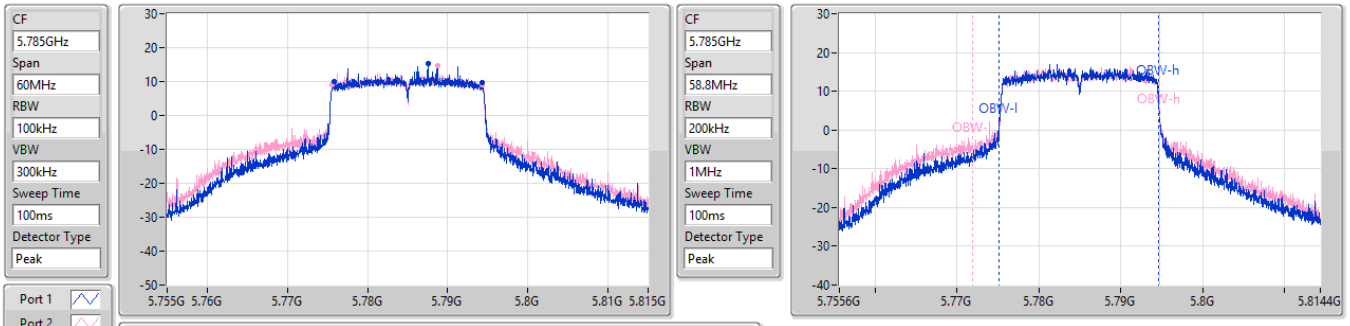


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
34.721M	5.723009G	5.75773G	Inf	1
36.574M	5.723391G	5.759965G	Inf	2

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

5785MHz

24/12/2022

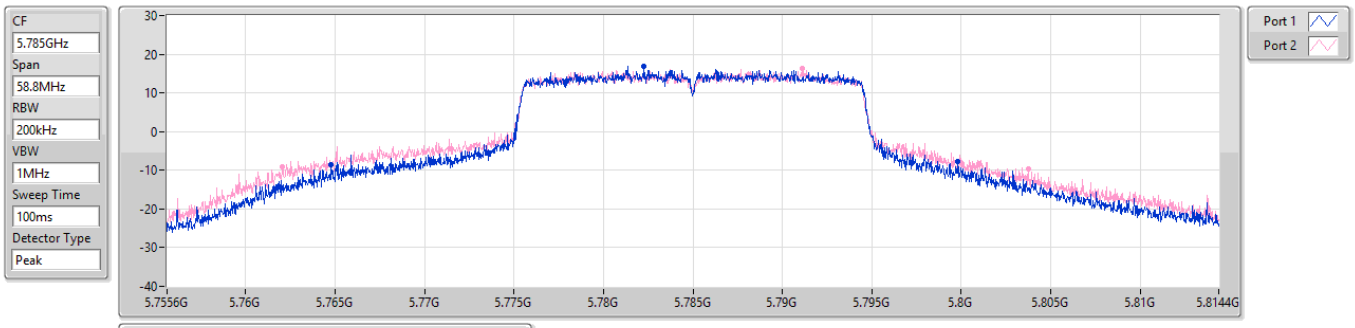


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.54M	5.77582G	5.79436G	19.458M	5.775151G	5.794608G	500k	1
18.78M	5.77558G	5.79436G	22.981M	5.771825G	5.794806G	500k	2

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

5785MHz

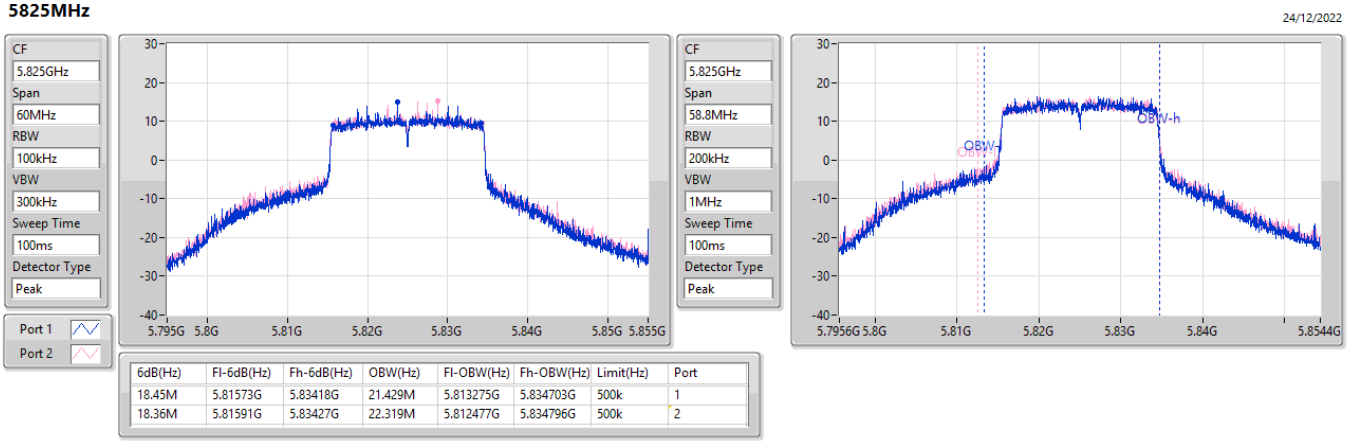
24/12/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
35.045M	5.764773G	5.799818G	Inf	1
41.689M	5.762068G	5.803757G	Inf	2

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

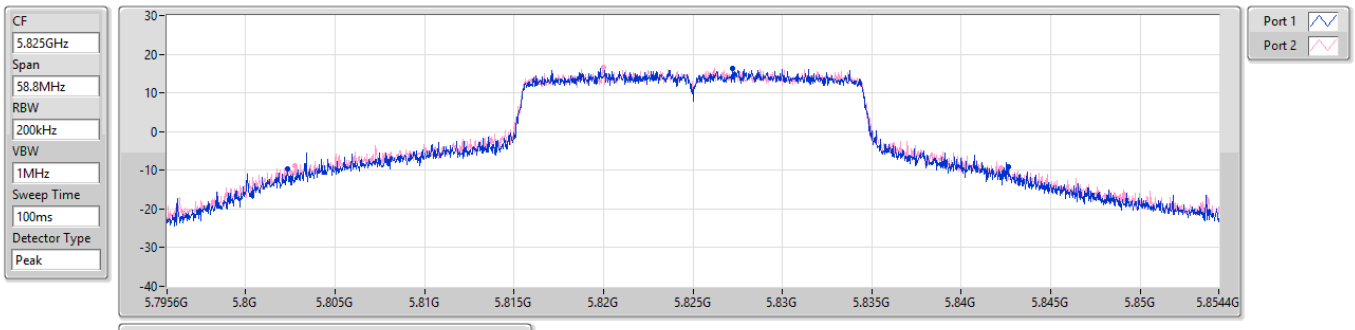
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.45M	5.81573G	5.83418G	21.429M	5.813275G	5.834703G	500k	1
18.36M	5.81591G	5.83427G	22.319M	5.812477G	5.834796G	500k	2

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

5825MHz

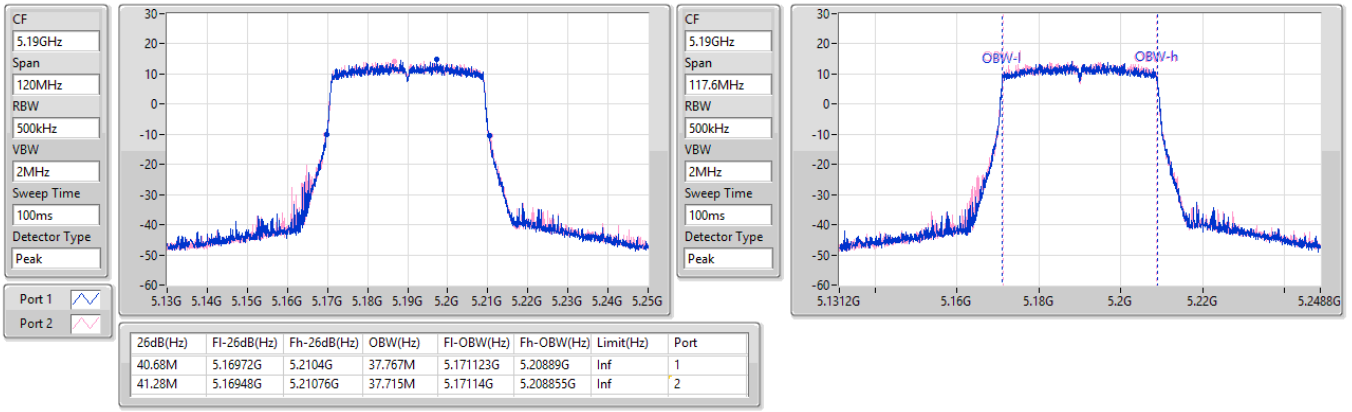


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
40.278M	5.802362G	5.84264G	Inf	1
39.425M	5.802774G	5.842199G	Inf	2

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5190MHz

24/12/2022

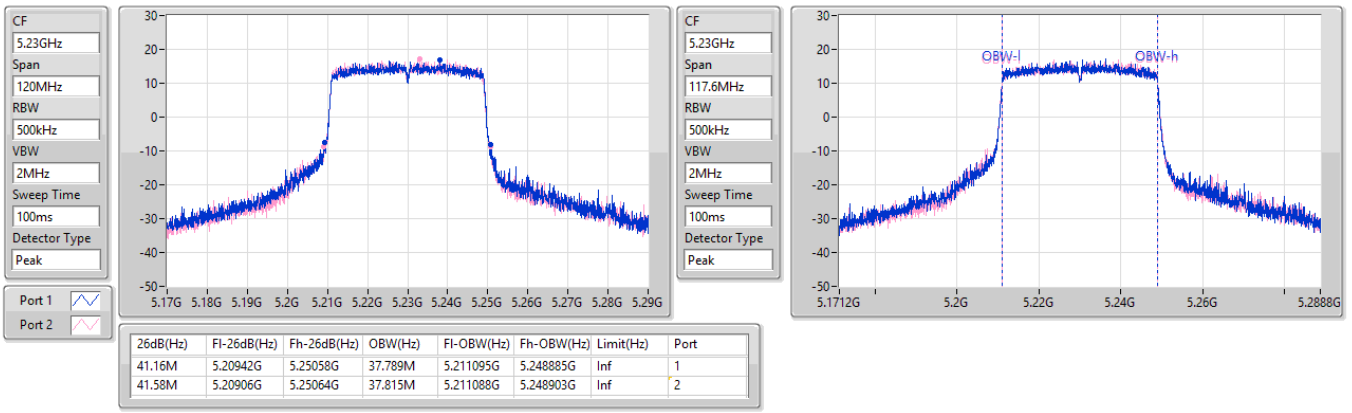


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.68M	5.16972G	5.2104G	37.767M	5.171123G	5.20889G	Inf	1
41.28M	5.16948G	5.21076G	37.715M	5.17114G	5.208855G	Inf	2

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5230MHz

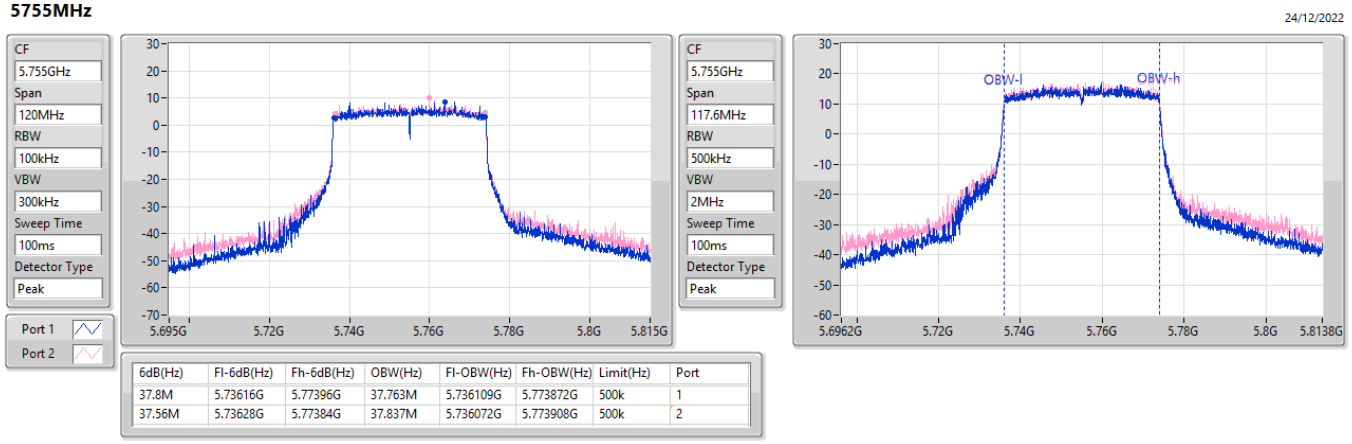
24/12/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.16M	5.20942G	5.25058G	37.789M	5.211095G	5.248885G	Inf	1
41.58M	5.20906G	5.25064G	37.815M	5.211088G	5.248903G	Inf	2

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

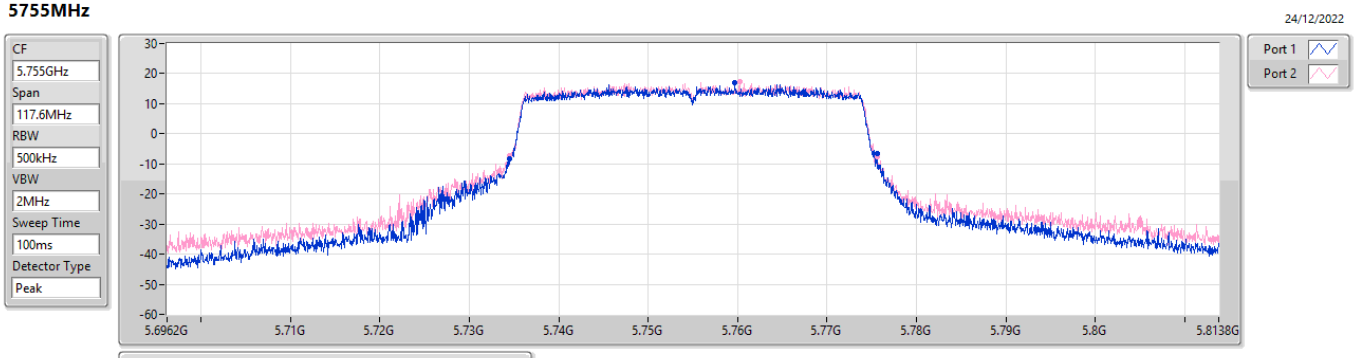
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	5.73616G	5.77396G	37.763M	5.736109G	5.773872G	500k	1
37.56M	5.73628G	5.77384G	37.837M	5.736072G	5.773908G	500k	2

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

5755MHz

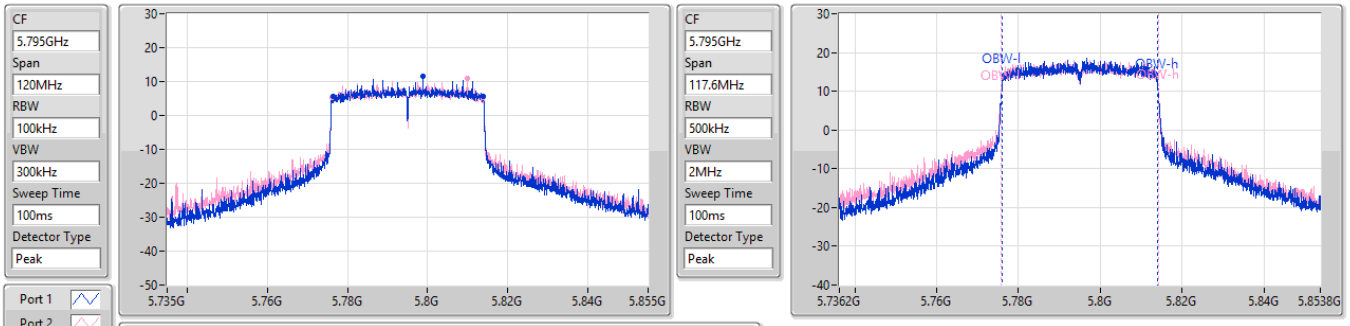


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
41.101M	5.734479G	5.77558G	Inf	1
41.101M	5.734538G	5.775639G	Inf	2

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

5795MHz

24/12/2022

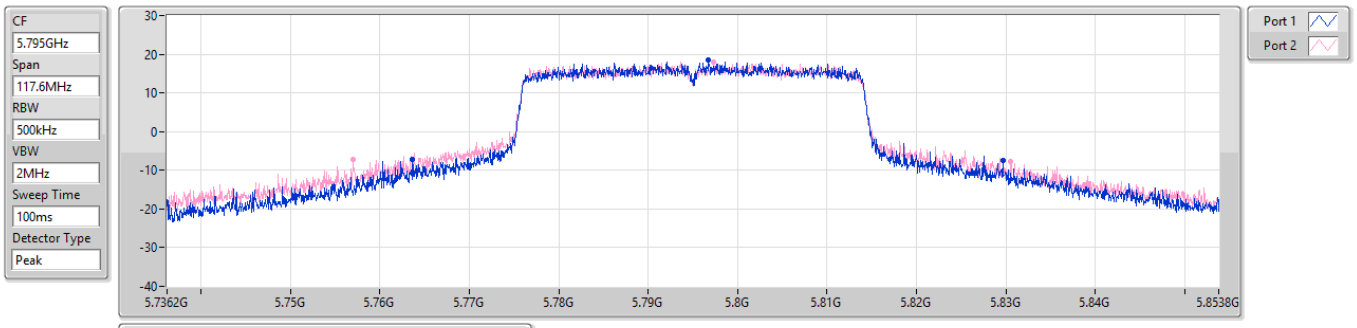


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.26M	5.77652G	5.81378G	38.076M	5.775993G	5.814069G	500k	1
37.62M	5.77616G	5.81378G	38.362M	5.7758G	5.814162G	500k	2

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

5795MHz

24/12/2022

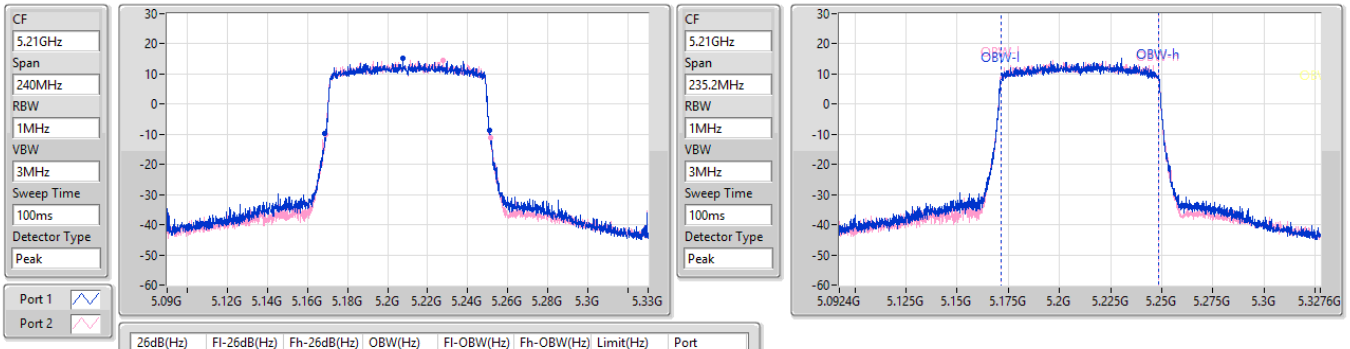


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
65.974M	5.76366G	5.829633G	Inf	1
73.618M	5.756956G	5.830574G	Inf	2

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5210MHz

24/12/2022

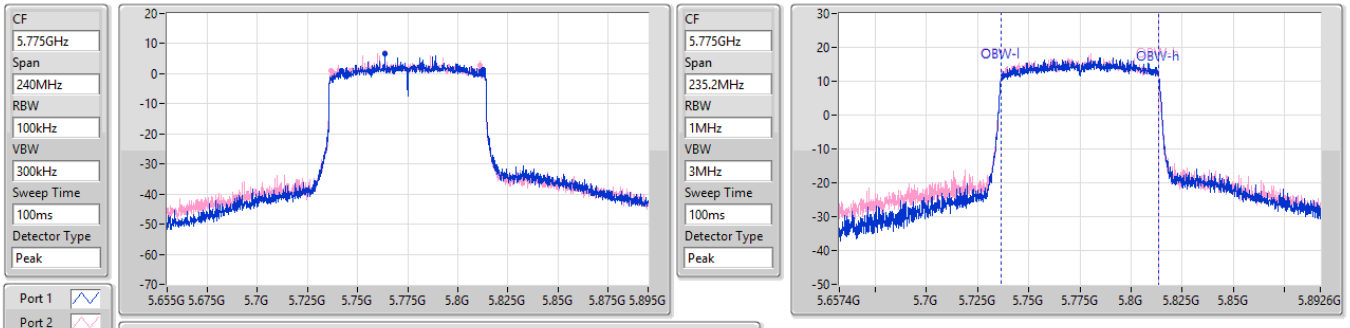


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.44M	5.1686G	5.25104G	77.118M	5.171481G	5.248599G	Inf	1
82.2M	5.16896G	5.25116G	77.078M	5.17144G	5.248519G	Inf	2

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

5775MHz

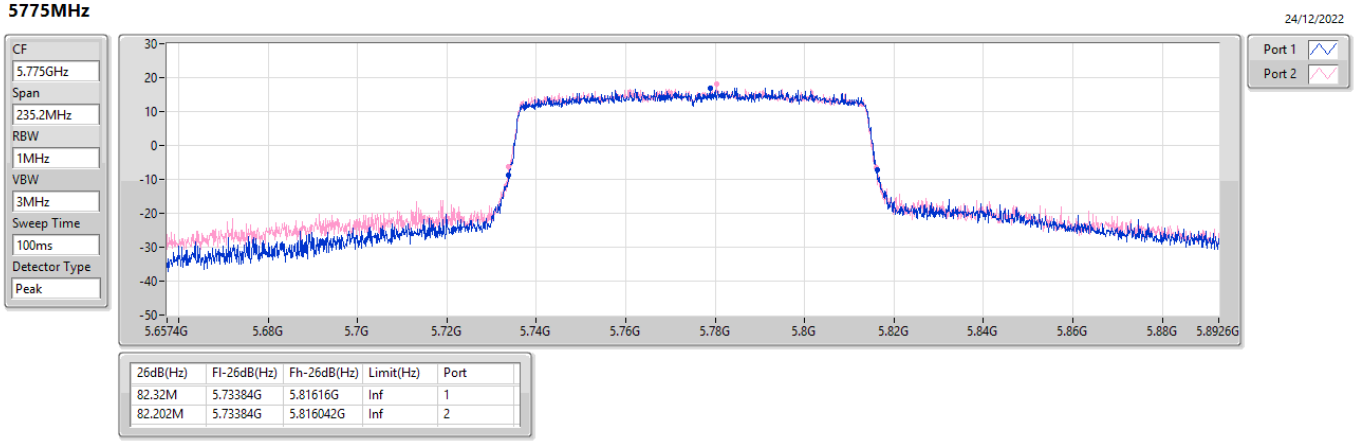
24/12/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
70.68M	5.74188G	5.81256G	77.072M	5.736566G	5.813638G	500k	1
74.4M	5.73696G	5.81136G	76.96M	5.736483G	5.813444G	500k	2

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

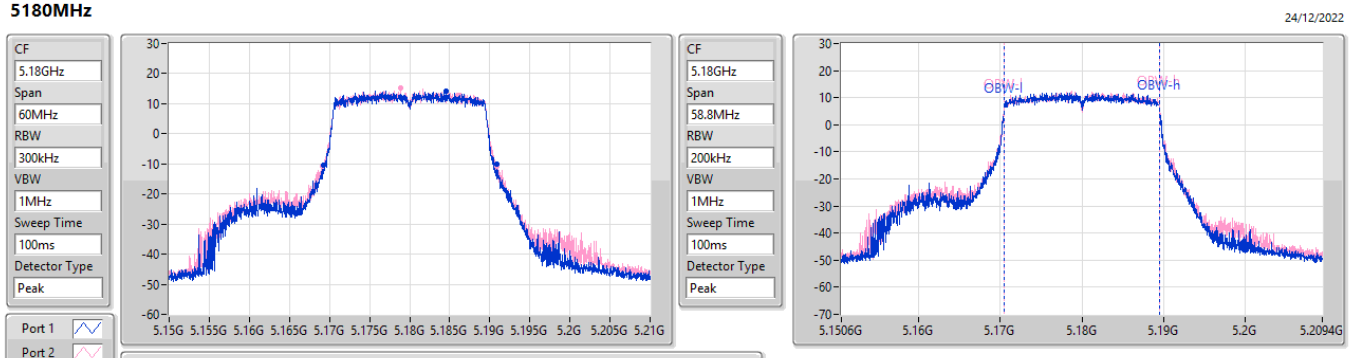
5775MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
82.32M	5.73384G	5.81616G	Inf	1
82.202M	5.73384G	5.816042G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5180MHz

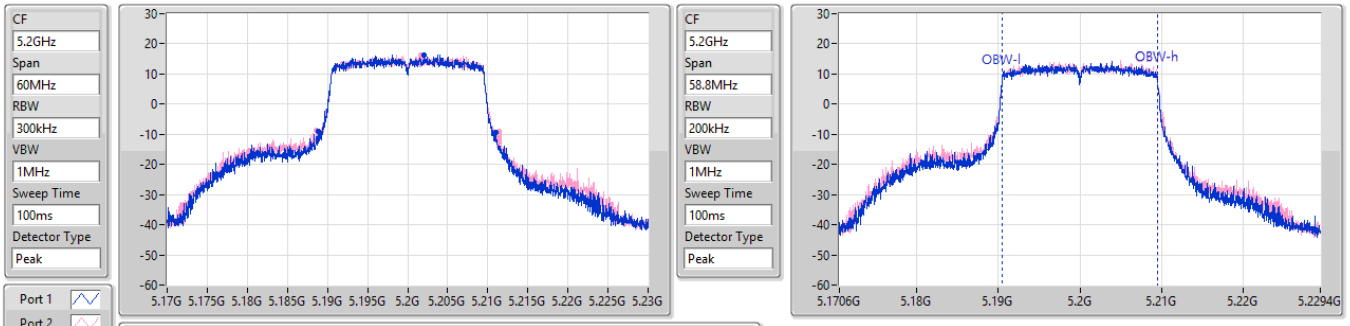


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.1692G	5.19089G	18.903M	5.17055G	5.189453G	Inf	1
21.75M	5.16914G	5.19089G	18.93M	5.17054G	5.189469G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5200MHz

24/12/2022

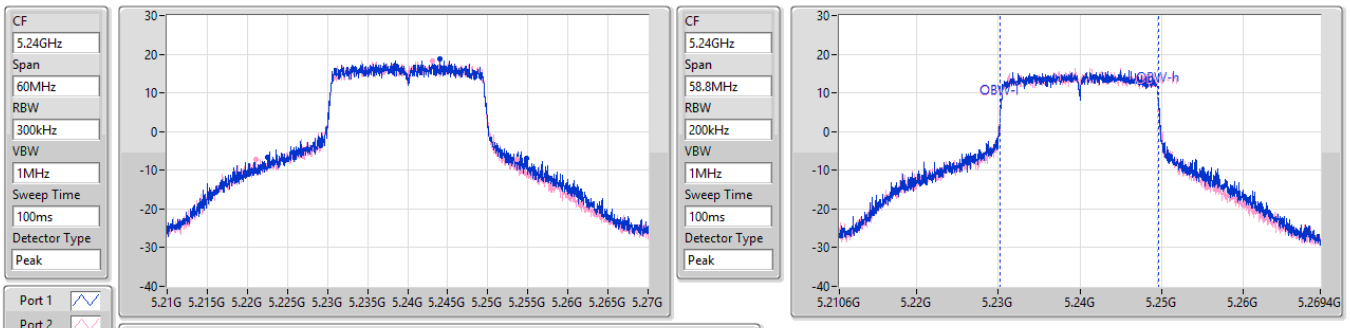


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.08M	5.18887G	5.21095G	18.946M	5.190517G	5.209462G	Inf	1
22.8M	5.18863G	5.21143G	18.967M	5.190514G	5.209481G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5240MHz

24/12/2022

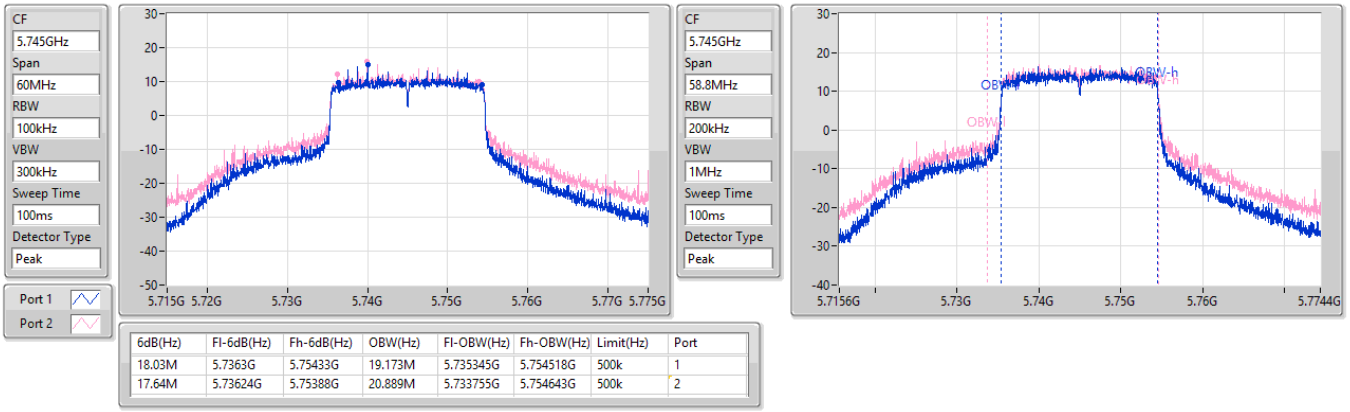


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.34M	5.22251G	5.25485G	19.356M	5.230239G	5.249595G	Inf	1
32.64M	5.22107G	5.25371G	19.262M	5.230288G	5.24955G	Inf	2

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

5745MHz

24/12/2022

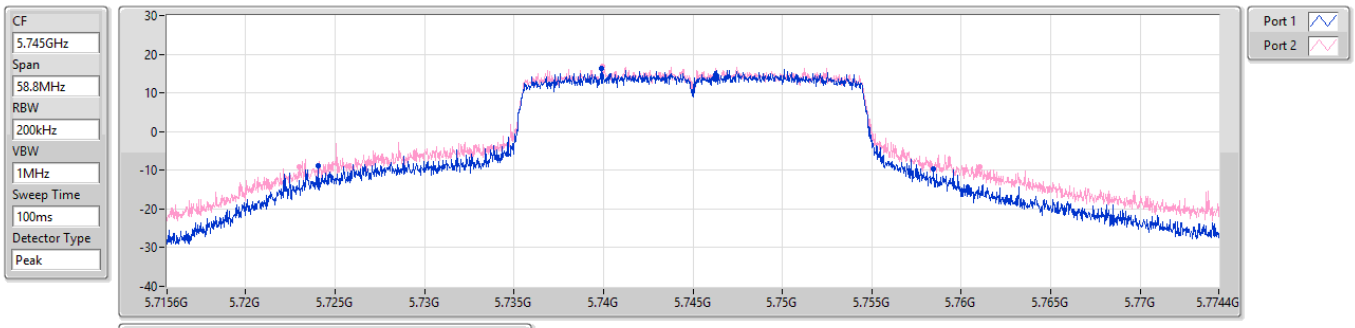


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.03M	5.7363G	5.75433G	19.173M	5.735345G	5.754518G	500k	1
17.64M	5.73624G	5.75388G	20.889M	5.733755G	5.754643G	500k	2

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

5745MHz

24/12/2022

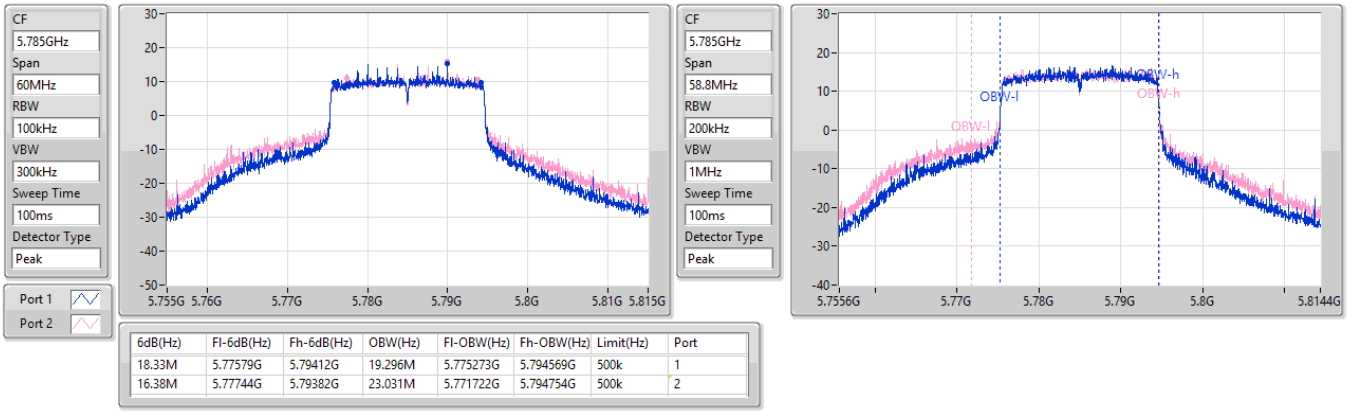


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
34.398M	5.724067G	5.758465G	Inf	1
38.073M	5.722979G	5.761052G	Inf	2

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

5785MHz

24/12/2022

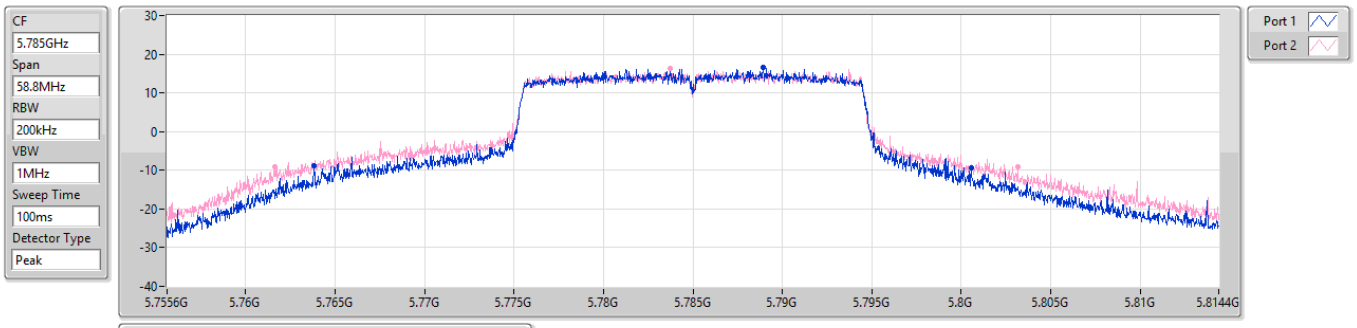


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.33M	5.77579G	5.79412G	19.296M	5.775273G	5.794569G	500k	1
16.38M	5.77744G	5.79382G	23.031M	5.771722G	5.794754G	500k	2

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

5785MHz

24/12/2022

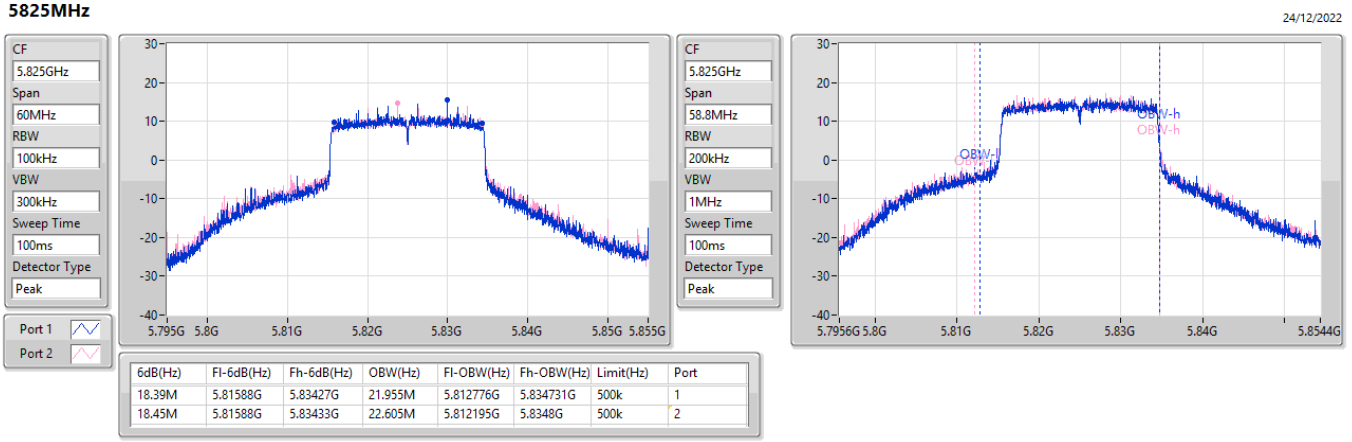


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
36.75M	5.763803G	5.800553G	Inf	1
41.513M	5.761656G	5.803169G	Inf	2

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

5825MHz

24/12/2022

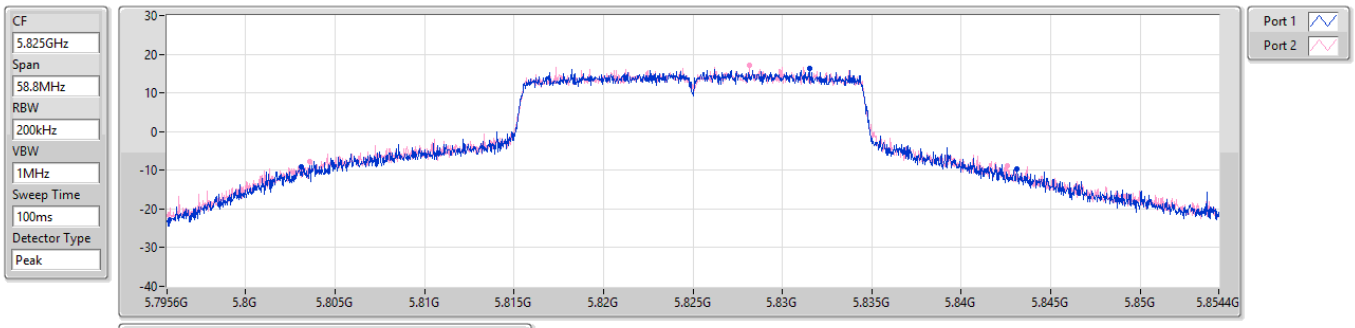


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.39M	5.81588G	5.83427G	21.955M	5.812776G	5.834731G	500k	1
18.45M	5.81588G	5.83433G	22.605M	5.812195G	5.8348G	500k	2

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

5825MHz

24/12/2022

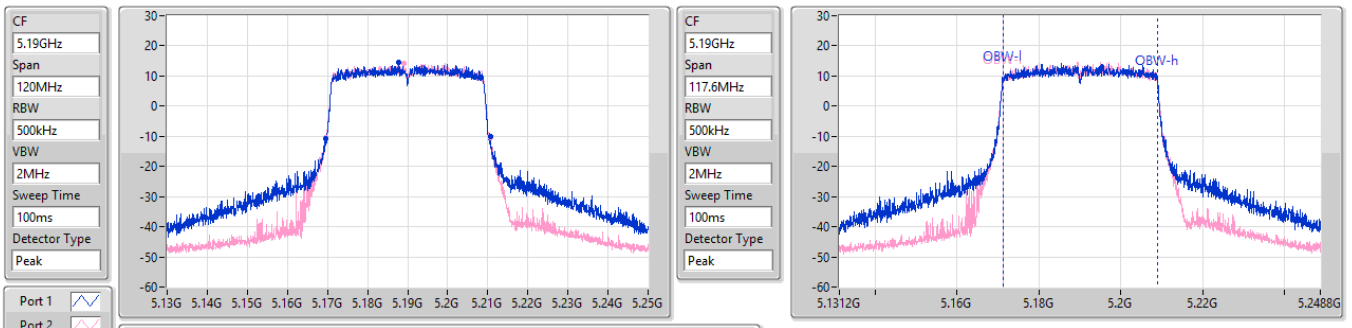


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
40.013M	5.803126G	5.84314G	Inf	1
38.984M	5.803567G	5.842552G	Inf	2

5.15-5.25GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5190MHz

24/12/2022

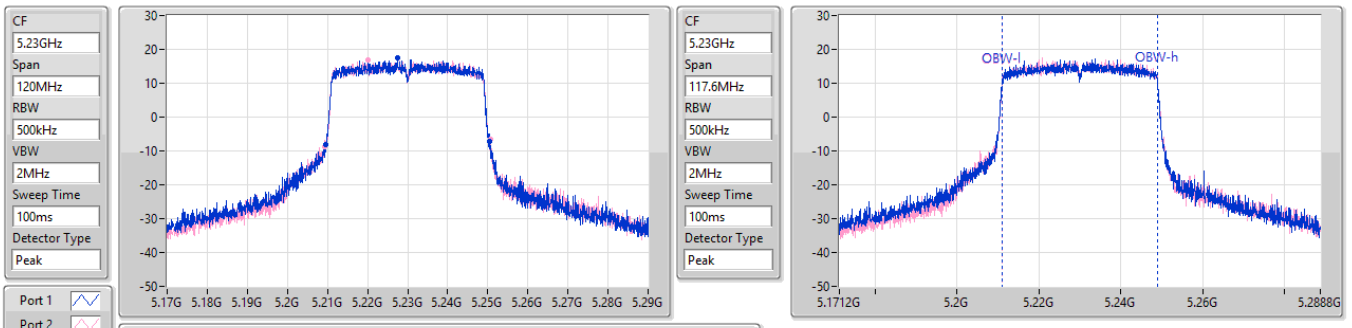


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.1M	5.16954G	5.21064G	37.751M	5.171148G	5.208899G	Inf	1
41.1M	5.16966G	5.21076G	37.706M	5.1712G	5.208906G	Inf	2

5.15-5.25GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5230MHz

24/12/2022

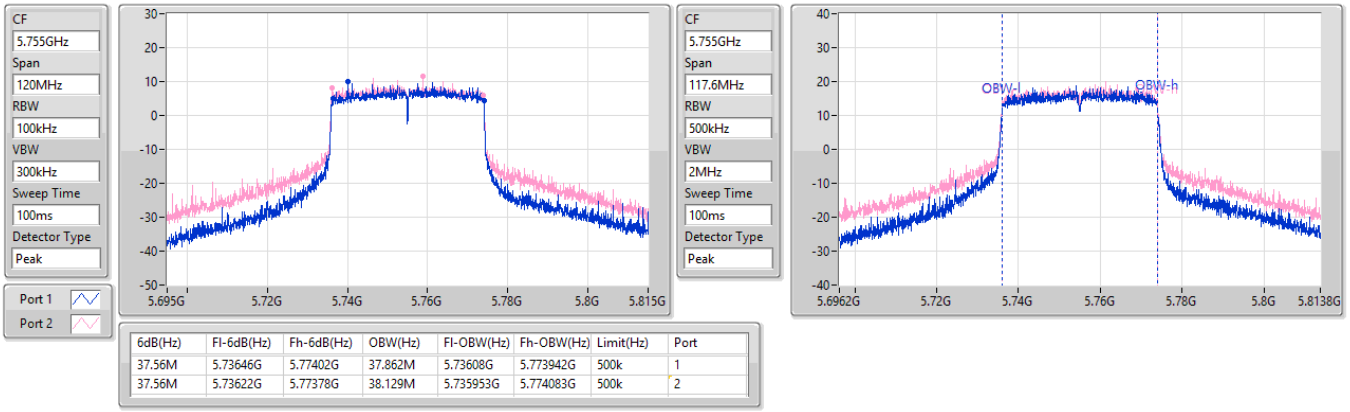


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.92M	5.2096G	5.25052G	37.784M	5.211112G	5.248896G	Inf	1
41.4M	5.20924G	5.25064G	37.773M	5.211122G	5.248895G	Inf	2

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

5755MHz

24/12/2022

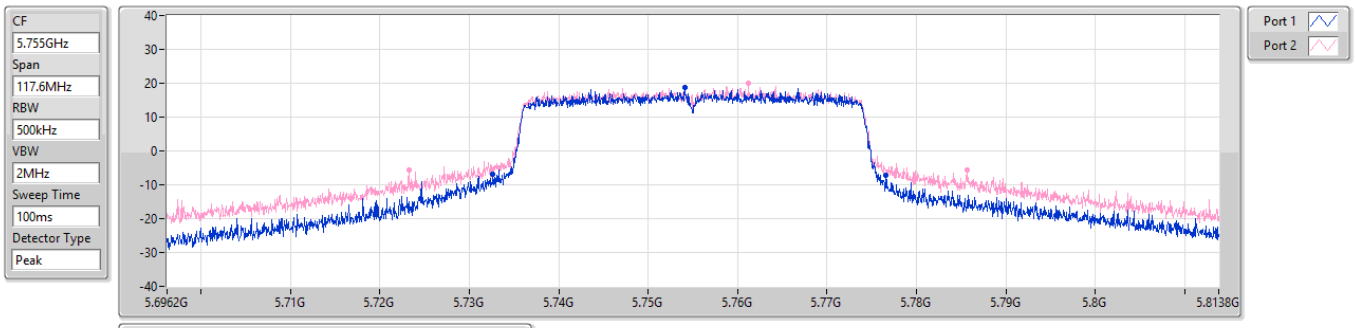


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.56M	5.73646G	5.77402G	37.862M	5.73608G	5.773942G	500k	1
37.56M	5.73622G	5.77378G	38.129M	5.735953G	5.774083G	500k	2

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

5755MHz

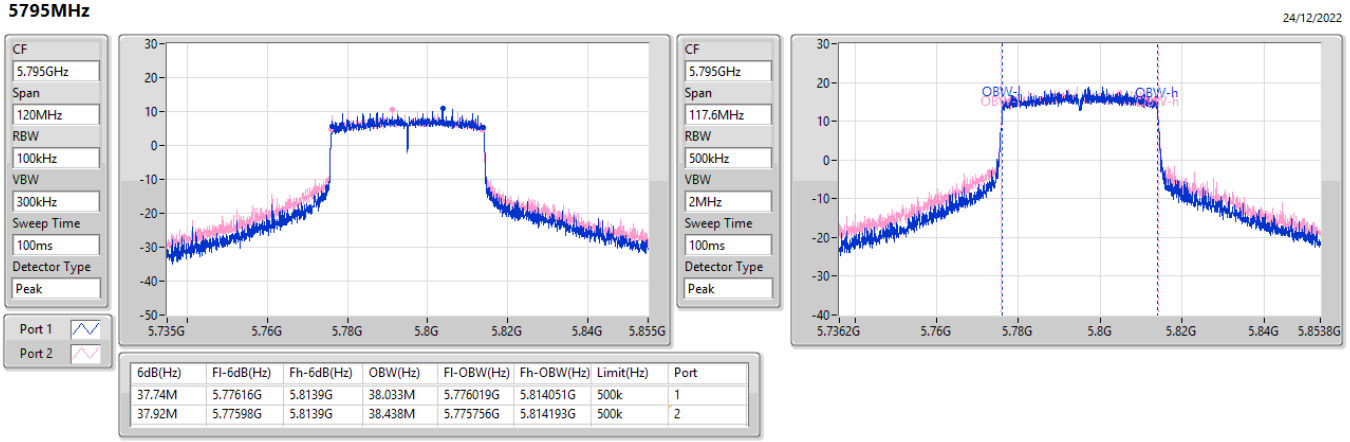
24/12/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
43.924M	5.732656G	5.77658G	Inf	1
62.446M	5.723248G	5.785694G	Inf	2

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

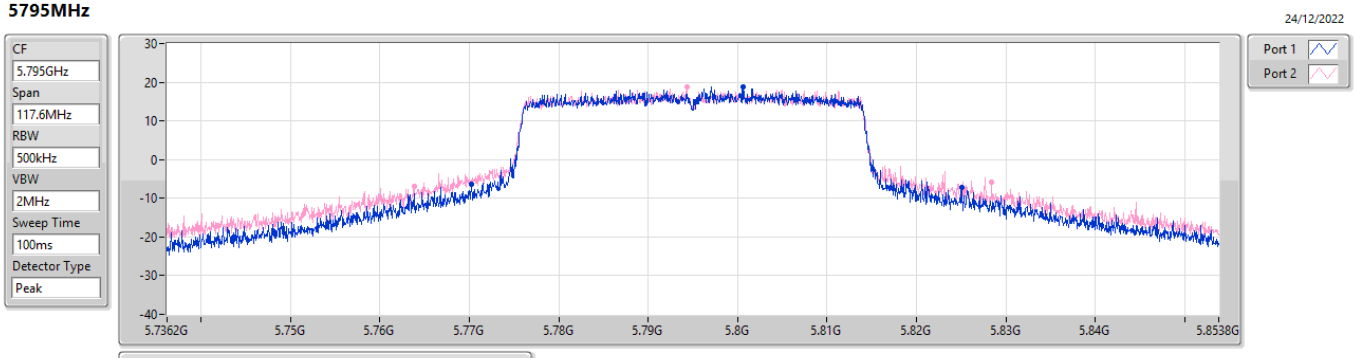
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.74M	5.77616G	5.8139G	38.033M	5.776019G	5.814051G	500k	1
37.92M	5.77598G	5.8139G	38.438M	5.775756G	5.814193G	500k	2

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

5795MHz

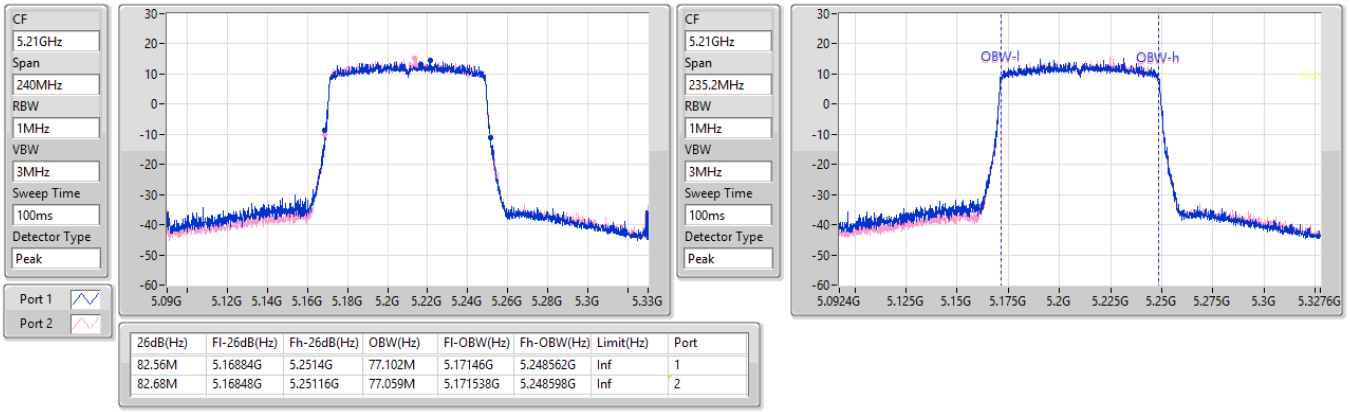


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
54.802M	5.770245G	5.825047G	Inf	1
64.562M	5.763836G	5.828398G	Inf	2

5.15-5.25GHz_802.11ax HEW80_Nss2,(MCS0)_2TX **EBW**

5210MHz

24/12/2022

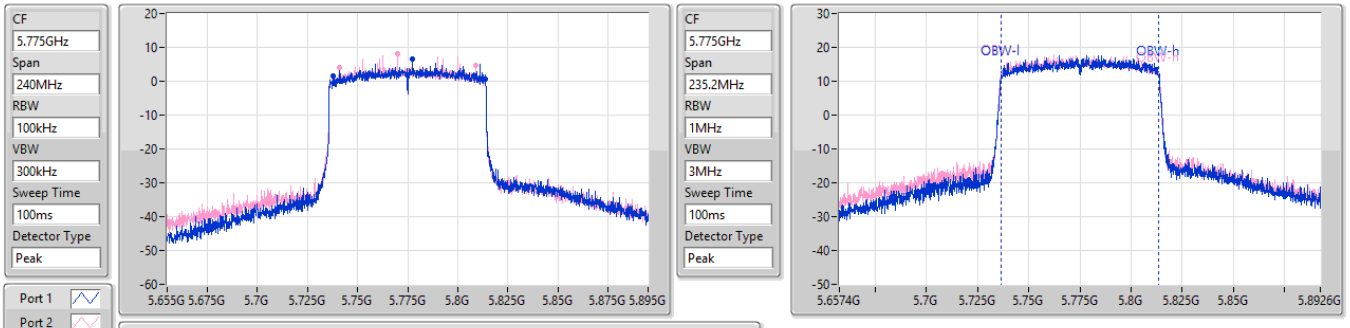


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.56M	5.16884G	5.2514G	77.102M	5.17146G	5.248562G	Inf	1
82.68M	5.16848G	5.25116G	77.059M	5.171538G	5.248598G	Inf	2

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

5775MHz

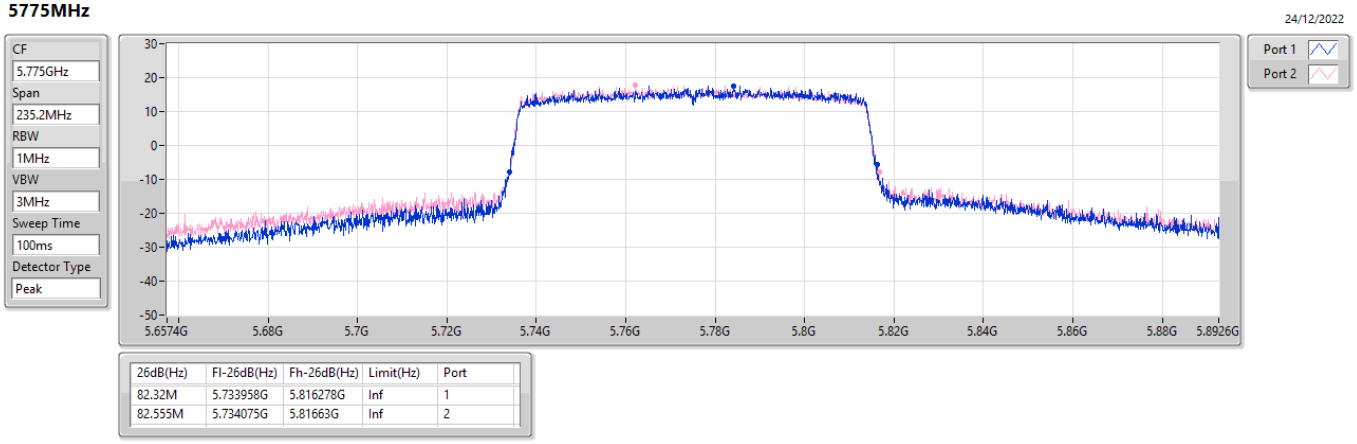
24/12/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.08M	5.7378G	5.81388G	77.069M	5.736587G	5.813657G	500k	1
67.68M	5.74116G	5.80884G	77.195M	5.736432G	5.813627G	500k	2

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

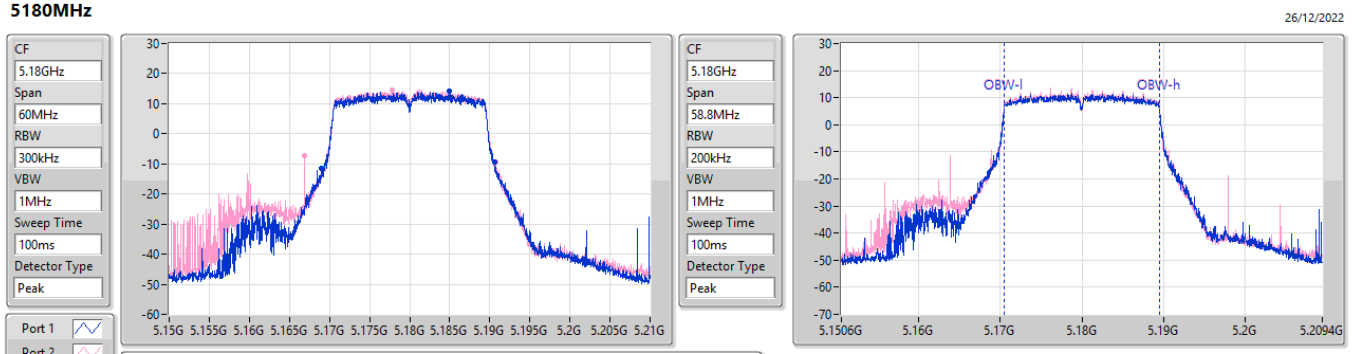
5775MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
82.32M	5.733958G	5.816278G	Inf	1
82.555M	5.734075G	5.81663G	Inf	2

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5180MHz

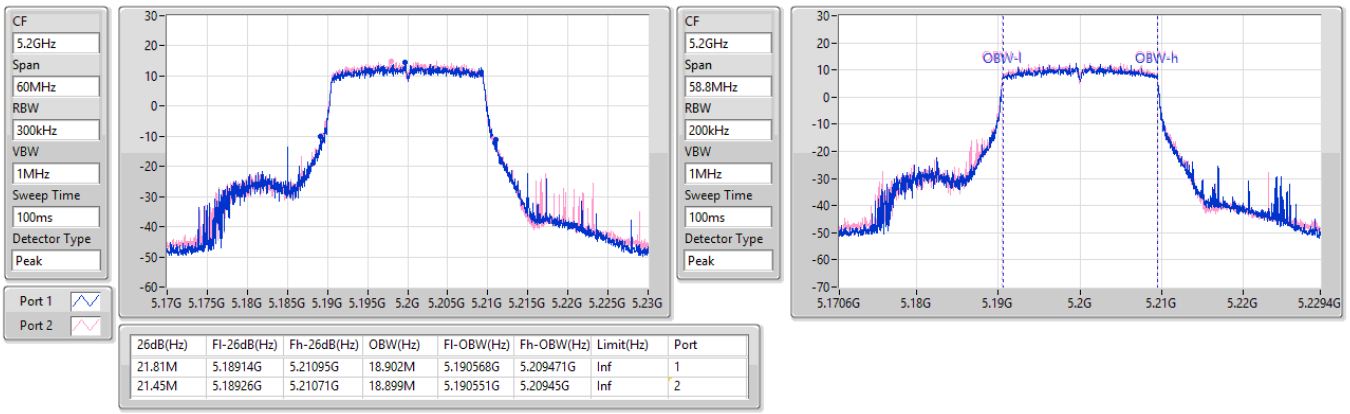


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.16899G	5.19068G	18.91M	5.170545G	5.189455G	Inf	1
23.91M	5.16689G	5.1908G	18.901M	5.170547G	5.189448G	Inf	2

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5200MHz

26/12/2022

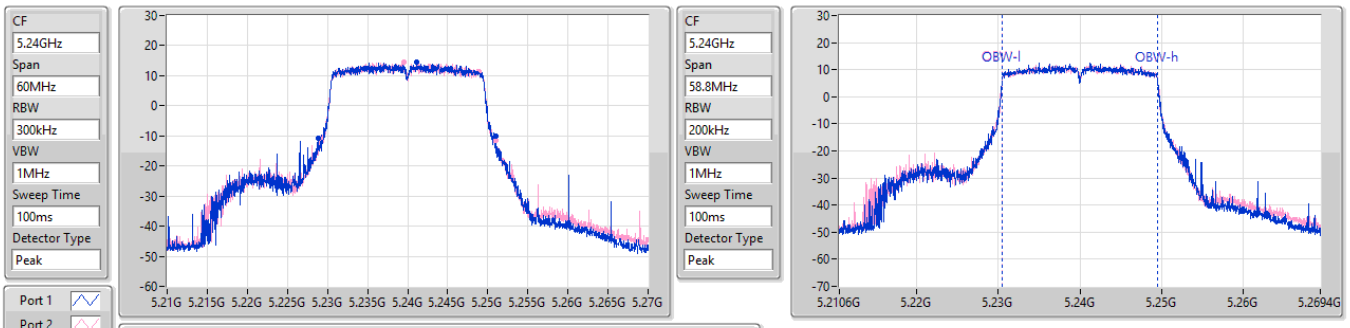


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.18914G	5.21095G	18.902M	5.190568G	5.209471G	Inf	1
21.45M	5.18926G	5.21071G	18.899M	5.190551G	5.20945G	Inf	2

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5240MHz

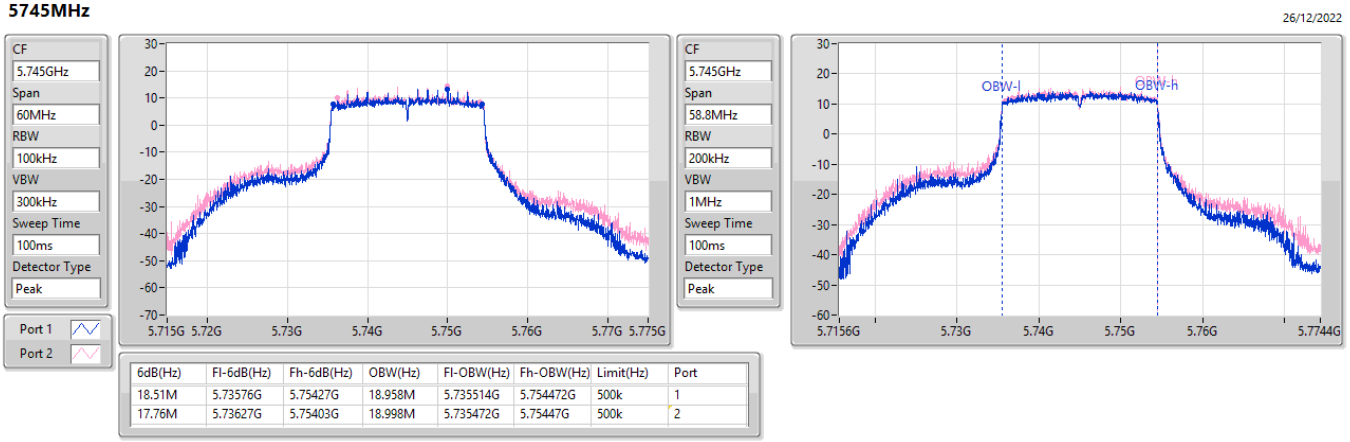
26/12/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.14M	5.22881G	5.25095G	18.904M	5.230548G	5.249452G	Inf	1
22.02M	5.22902G	5.25104G	18.909M	5.230545G	5.249454G	Inf	2

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

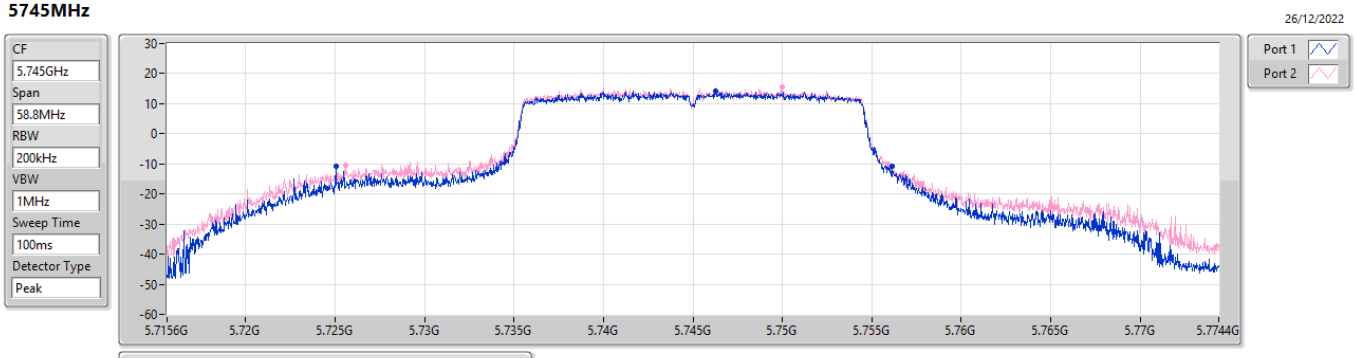
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.51M	5.73576G	5.75427G	18.958M	5.735514G	5.754472G	500k	1
17.76M	5.73627G	5.75403G	18.998M	5.735472G	5.75447G	500k	2

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

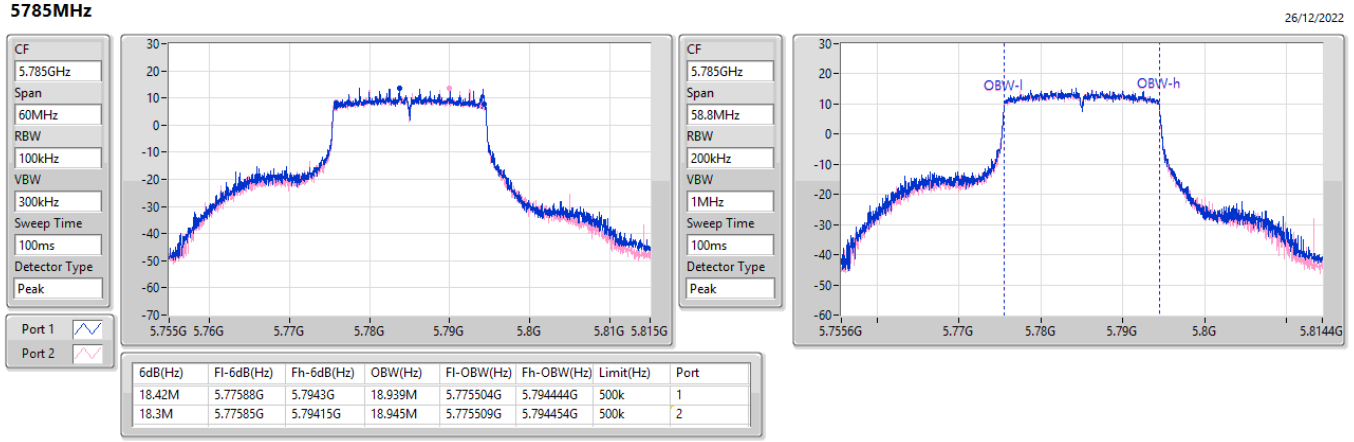
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
31.076M	5.725037G	5.756113G	Inf	1
30.311M	5.725567G	5.755878G	Inf	2

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

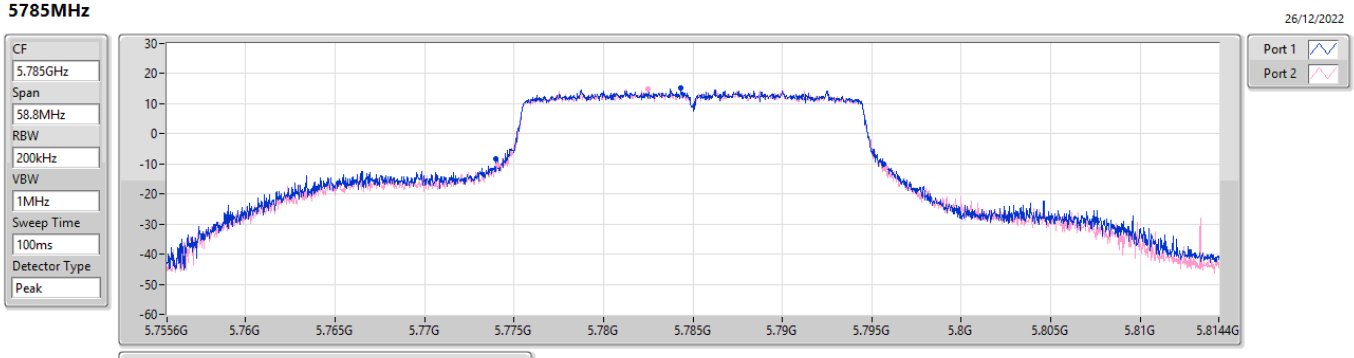
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.42M	5.77588G	5.7943G	18.939M	5.775504G	5.794444G	500k	1
18.3M	5.77585G	5.79415G	18.945M	5.775509G	5.794454G	500k	2

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

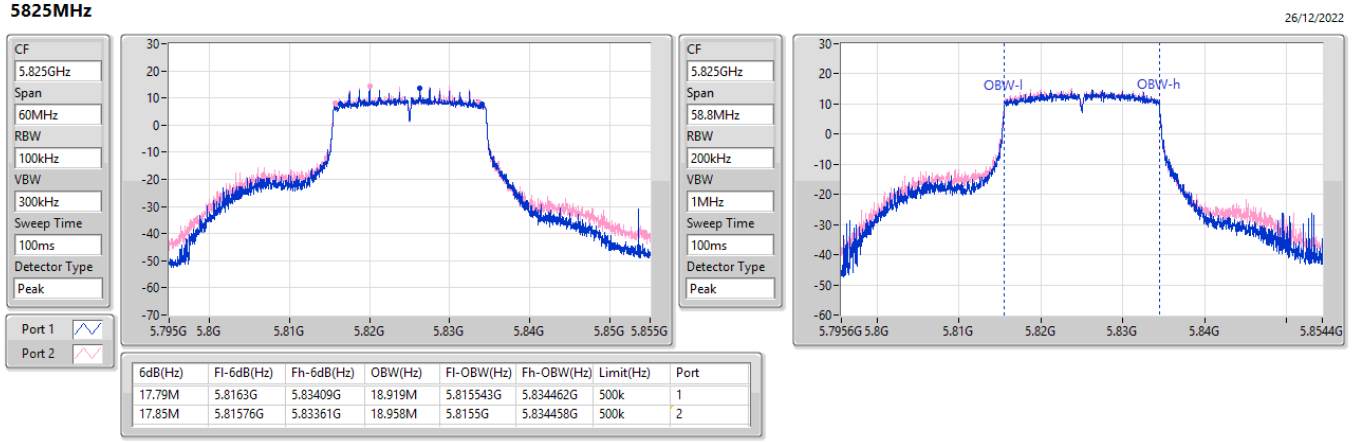
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
21.668M	5.774004G	5.795672G	Inf	1
21.668M	5.774122G	5.79579G	Inf	2

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

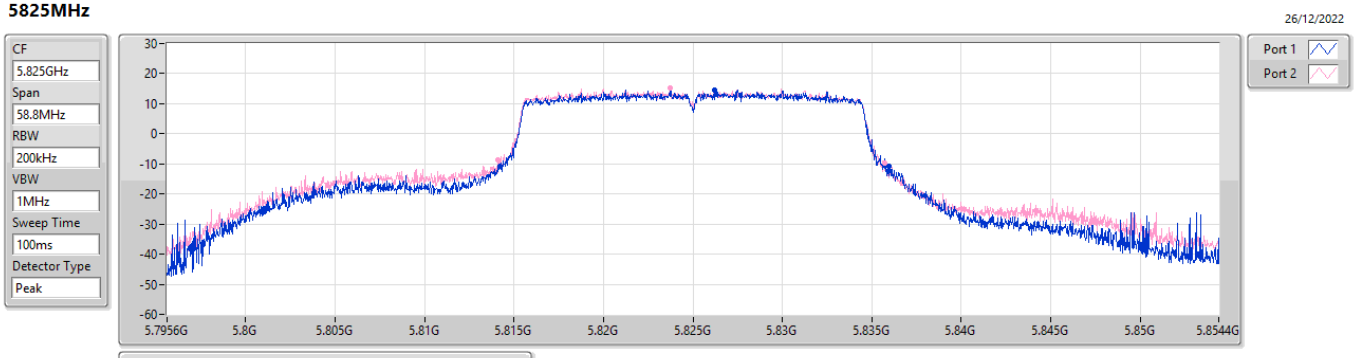
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.79M	5.8163G	5.83409G	18.919M	5.815543G	5.834462G	500k	1
17.85M	5.81576G	5.83361G	18.958M	5.8155G	5.834458G	500k	2

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

5825MHz

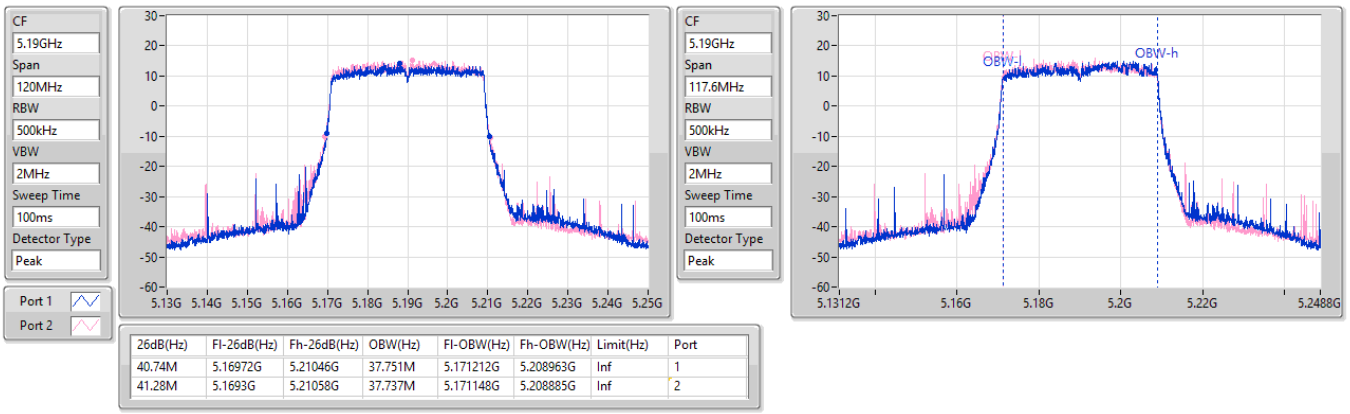


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
21.727M	5.81421G	5.835937G	Inf	1
21.58M	5.814122G	5.835702G	Inf	2

5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5190MHz

26/12/2022

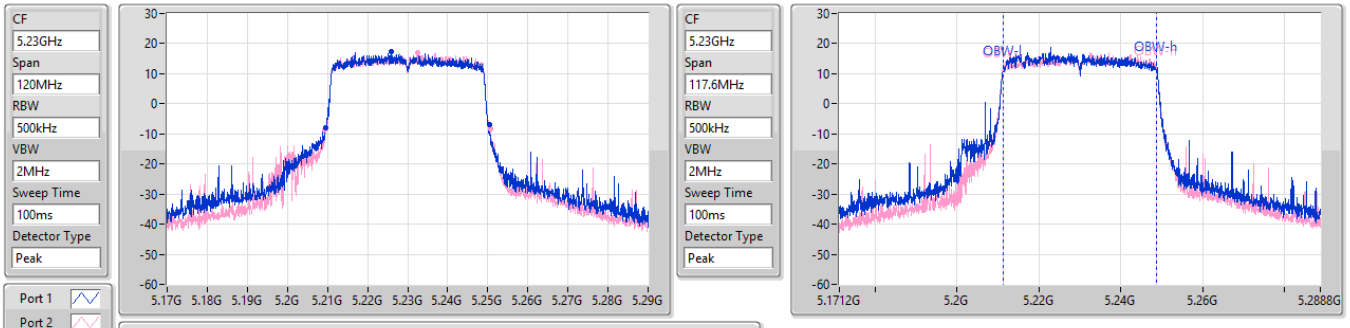


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.16972G	5.21046G	37.751M	5.171212G	5.208963G	Inf	1
41.28M	5.1693G	5.21058G	37.737M	5.171148G	5.208885G	Inf	2

5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5230MHz

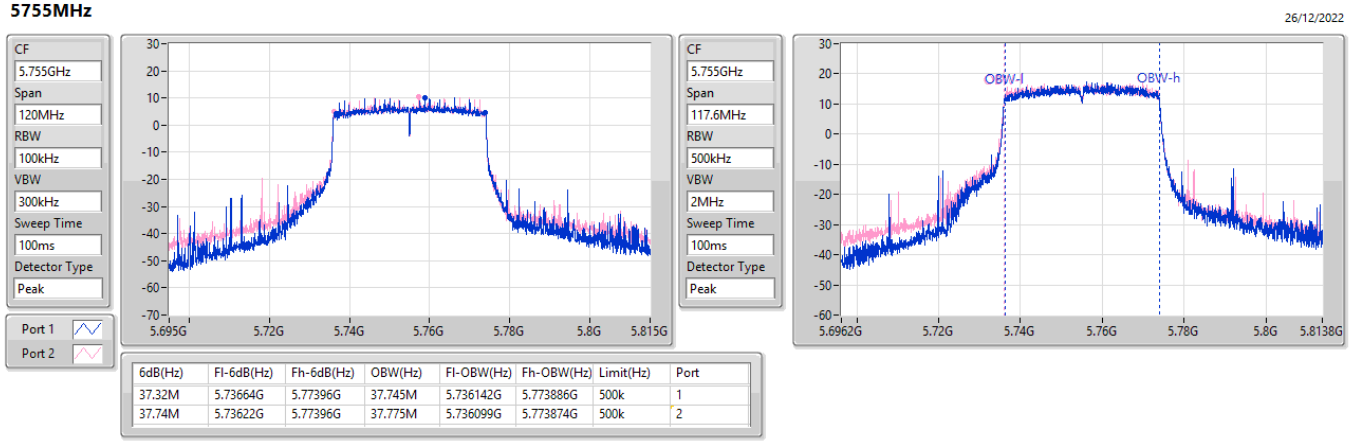
26/12/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.2096G	5.25034G	37.669M	5.211187G	5.248856G	Inf	1
41.52M	5.20924G	5.25076G	37.713M	5.211138G	5.248851G	Inf	2

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

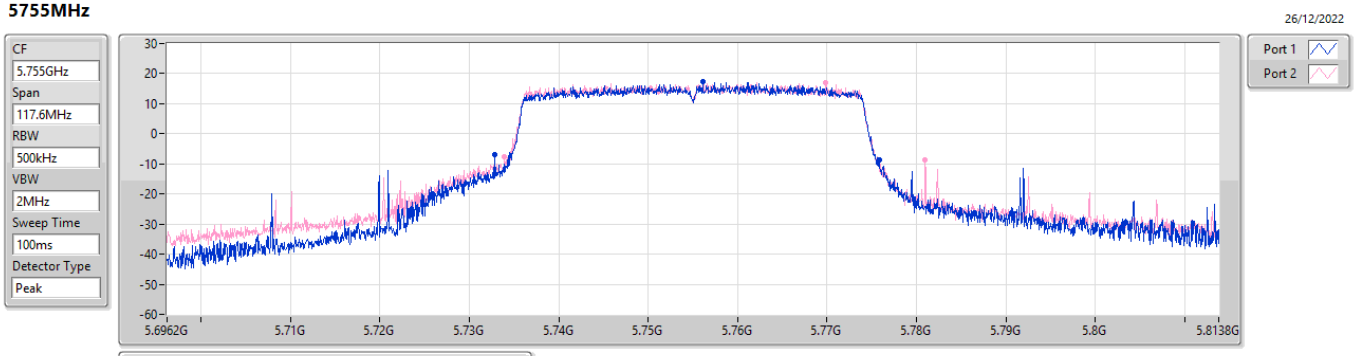
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.32M	5.73664G	5.77396G	37.745M	5.736142G	5.773886G	500k	1
37.74M	5.73622G	5.77396G	37.775M	5.736099G	5.773874G	500k	2

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

5755MHz

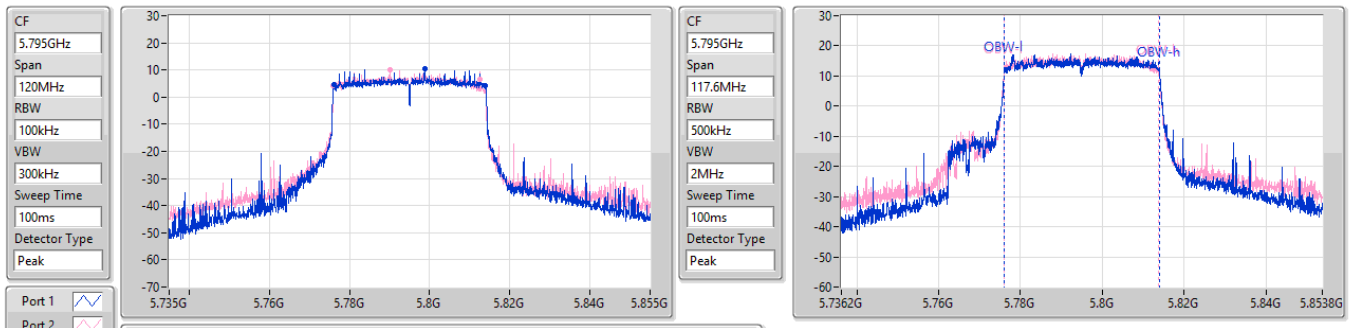


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
42.983M	5.732832G	5.775815G	Inf	1
47.04M	5.73395G	5.78099G	Inf	2

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

5795MHz

26/12/2022

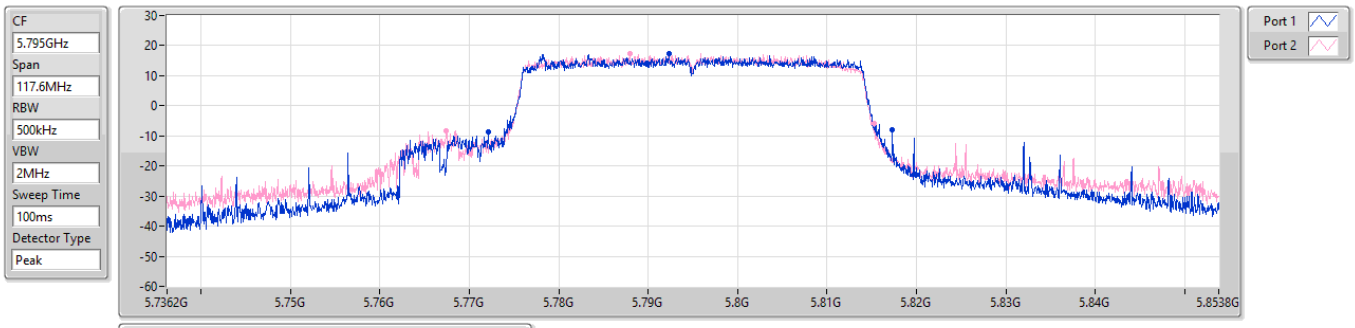


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.68M	5.7761G	5.81378G	37.832M	5.776084G	5.813917G	500k	1
36.6M	5.77598G	5.81258G	37.692M	5.776088G	5.81378G	500k	2

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

5795MHz

26/12/2022

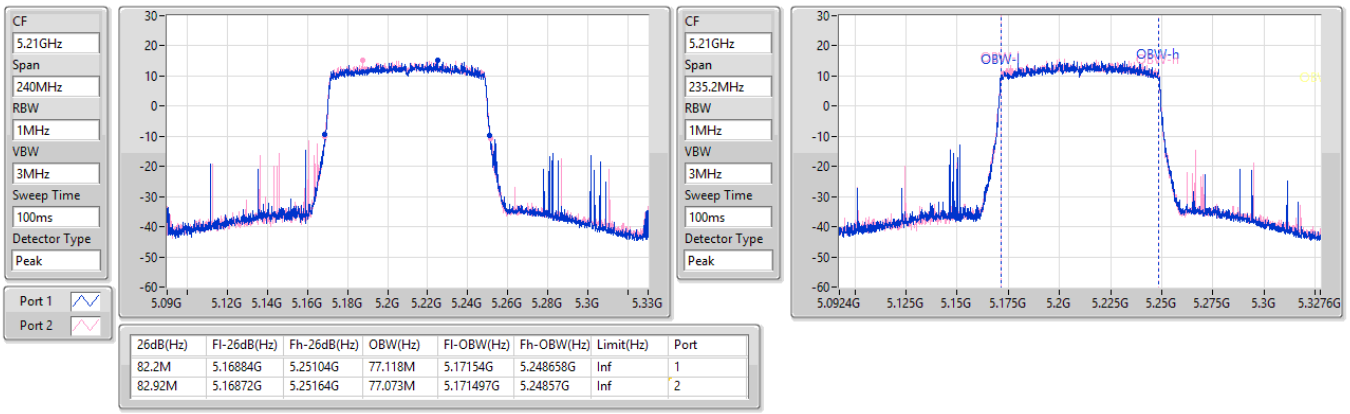


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
45.158M	5.772127G	5.817285G	Inf	1
47.863M	5.767423G	5.815286G	Inf	2

5.15-5.25GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

5210MHz

26/12/2022

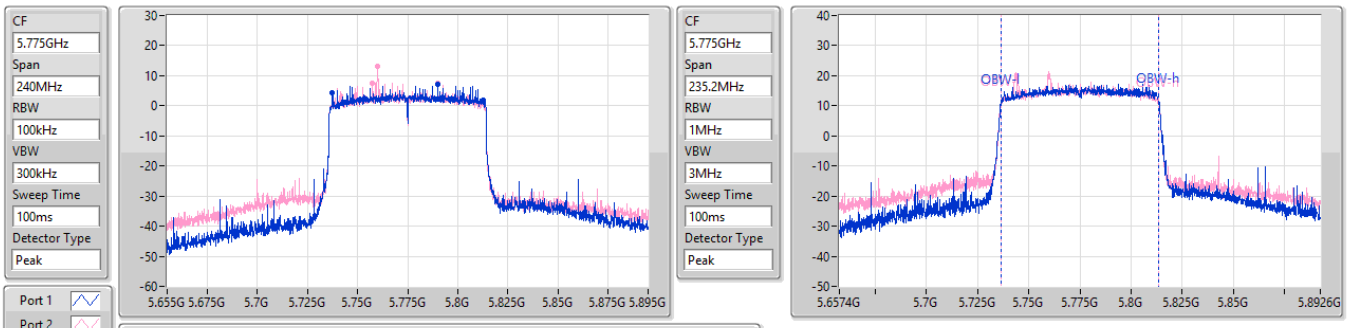


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.16884G	5.25104G	77.118M	5.17154G	5.248658G	Inf	1
82.92M	5.16872G	5.25164G	77.073M	5.171497G	5.24857G	Inf	2

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

5775MHz

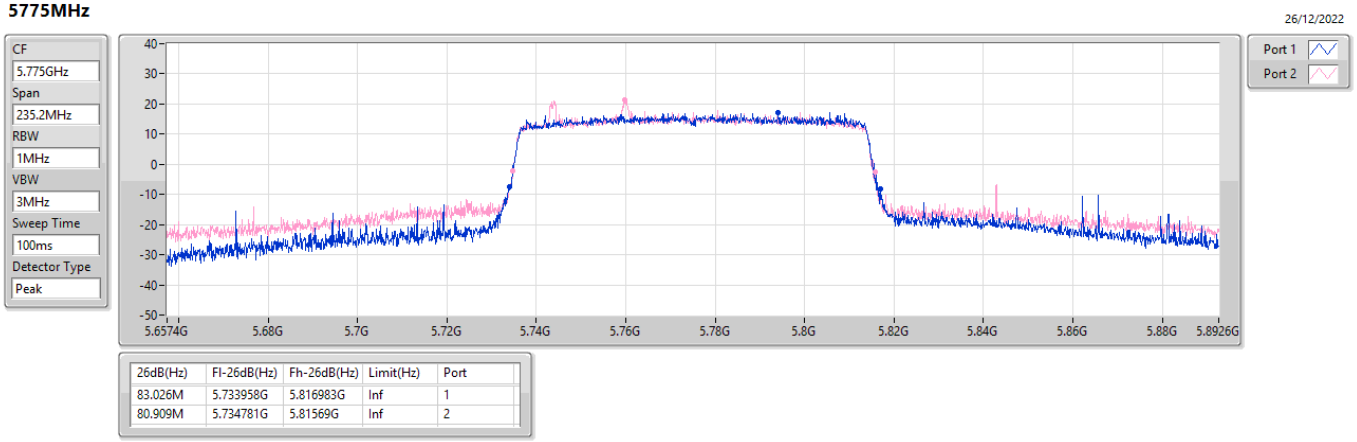
26/12/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.12M	5.73744G	5.81256G	77.015M	5.736593G	5.813608G	500k	1
32.52M	5.75748G	5.79G	77.083M	5.736515G	5.813598G	500k	2

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

5775MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
83.026M	5.733958G	5.816983G	Inf	1
80.909M	5.734781G	5.81569G	Inf	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	33.726M	19.425M	19M4D1D	21.45M	16.464M
802.11ax HEW20_Nss1,(MCS0)_2TX	41.118M	20.571M	20M6D1D	21.384M	18.939M
802.11ax HEW20_Nss2,(MCS0)_2TX	36.432M	20.121M	20M1D1D	24.222M	19.018M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.298M	18.9M	18M9D1D	21.252M	18.878M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.58M	37.822M	37M8D1D	41.052M	37.747M
802.11ax HEW40_Nss2,(MCS0)_2TX	51.744M	37.919M	37M9D1D	40.788M	37.722M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.788M	37.762M	37M8D1D	40.656M	37.703M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.368M	77.25M	77M3D1D	82.104M	76.954M
802.11ax HEW80_Nss2,(MCS0)_2TX	82.368M	77.116M	77M1D1D	82.368M	77.035M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.048M	77.112M	77M1D1D	80.784M	77.016M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.302M	29.718M	29M7D1D	15.642M	22.57M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.942M	40.627M	40M6D1D	17.886M	21.998M
802.11ax HEW20_Nss2,(MCS0)_2TX	19.008M	28.13M	28M1D1D	18.282M	21.585M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.612M	18.912M	18M9D1D	16.5M	18.888M
802.11ax HEW40_Nss1,(MCS0)_2TX	38.016M	38.308M	38M3D1D	37.092M	37.826M
802.11ax HEW40_Nss2,(MCS0)_2TX	37.62M	38.464M	38M5D1D	37.356M	37.845M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.884M	37.744M	37M7D1D	35.376M	37.638M
802.11ax HEW80_Nss1,(MCS0)_2TX	76.824M	77.171M	77M2D1D	74.976M	77.073M
802.11ax HEW80_Nss2,(MCS0)_2TX	77.616M	77.459M	77M5D1D	77.088M	77.196M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	74.976M	77.264M	77M3D1D	71.28M	77.025M

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

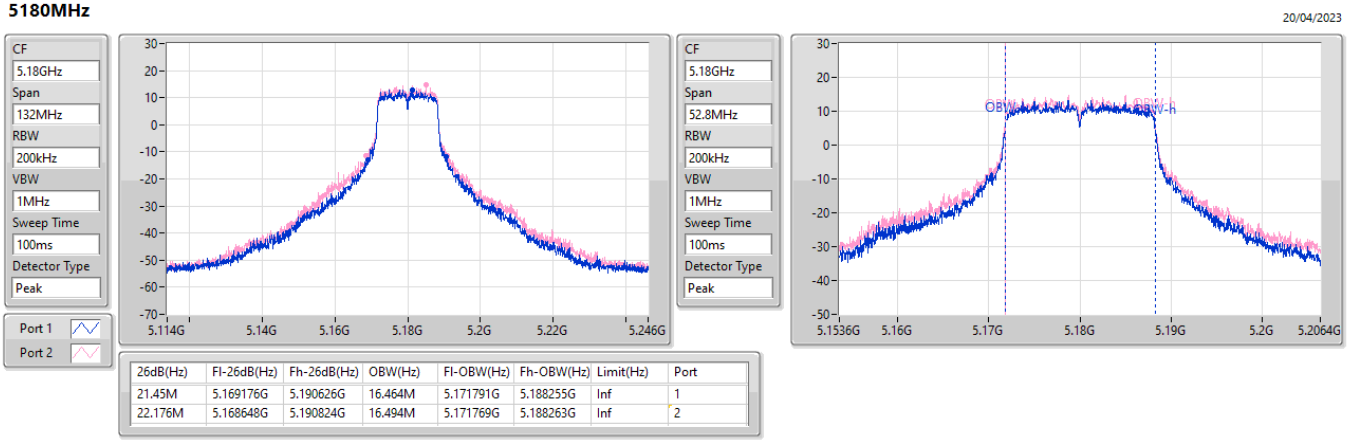
Result

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	-	-	-	-	-	-
5180MHz	Pass	Inf	21.45M	16.464M	22.176M	16.494M
5200MHz	Pass	Inf	29.04M	16.816M	32.34M	19.425M
5240MHz	Pass	Inf	26.136M	16.678M	33.726M	19.163M
5745MHz	Pass	500k	16.038M	23.479M	16.038M	27.118M
5785MHz	Pass	500k	15.642M	22.57M	16.236M	27.432M
5825MHz	Pass	500k	16.236M	27.681M	16.302M	29.718M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.384M	18.943M	21.648M	18.939M
5200MHz	Pass	Inf	27.918M	19.074M	31.944M	19.322M
5240MHz	Pass	Inf	27.588M	19.154M	41.118M	20.571M
5745MHz	Pass	500k	18.48M	23.409M	18.678M	27.401M
5785MHz	Pass	500k	18.744M	21.998M	17.886M	27.013M
5825MHz	Pass	500k	18.942M	24.641M	18.942M	40.627M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	41.052M	37.747M	41.316M	37.785M
5230MHz	Pass	Inf	41.58M	37.777M	41.448M	37.822M
5755MHz	Pass	500k	37.752M	37.826M	37.092M	38.308M
5795MHz	Pass	500k	37.752M	37.93M	38.016M	38.135M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.104M	77.25M	82.368M	76.954M
5775MHz	Pass	500k	76.824M	77.073M	74.976M	77.171M
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	24.684M	19.018M	24.222M	19.036M
5200MHz	Pass	Inf	29.04M	19.113M	32.01M	19.642M
5240MHz	Pass	Inf	31.35M	19.143M	36.432M	20.121M
5745MHz	Pass	500k	18.678M	23.083M	19.008M	27.975M
5785MHz	Pass	500k	18.282M	21.585M	18.876M	27.121M
5825MHz	Pass	500k	18.81M	25.501M	18.414M	28.13M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.788M	37.722M	41.184M	37.731M
5230MHz	Pass	Inf	43.56M	37.87M	51.744M	37.919M
5755MHz	Pass	500k	37.488M	37.845M	37.356M	38.464M
5795MHz	Pass	500k	37.356M	37.998M	37.62M	38.186M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.368M	77.116M	82.368M	77.035M
5775MHz	Pass	500k	77.616M	77.196M	77.088M	77.459M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	23.298M	18.888M	21.582M	18.878M
5200MHz	Pass	Inf	21.384M	18.891M	21.252M	18.892M
5240MHz	Pass	Inf	21.318M	18.9M	21.45M	18.898M
5745MHz	Pass	500k	18.216M	18.894M	16.764M	18.888M
5785MHz	Pass	500k	17.688M	18.898M	18.084M	18.893M
5825MHz	Pass	500k	16.5M	18.901M	18.612M	18.912M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.656M	37.727M	40.656M	37.732M
5230MHz	Pass	Inf	40.656M	37.703M	40.788M	37.762M
5755MHz	Pass	500k	37.884M	37.716M	35.376M	37.744M
5795MHz	Pass	500k	37.752M	37.638M	37.884M	37.706M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.048M	77.112M	80.784M	77.016M
5775MHz	Pass	500k	74.976M	77.025M	71.28M	77.264M

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

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

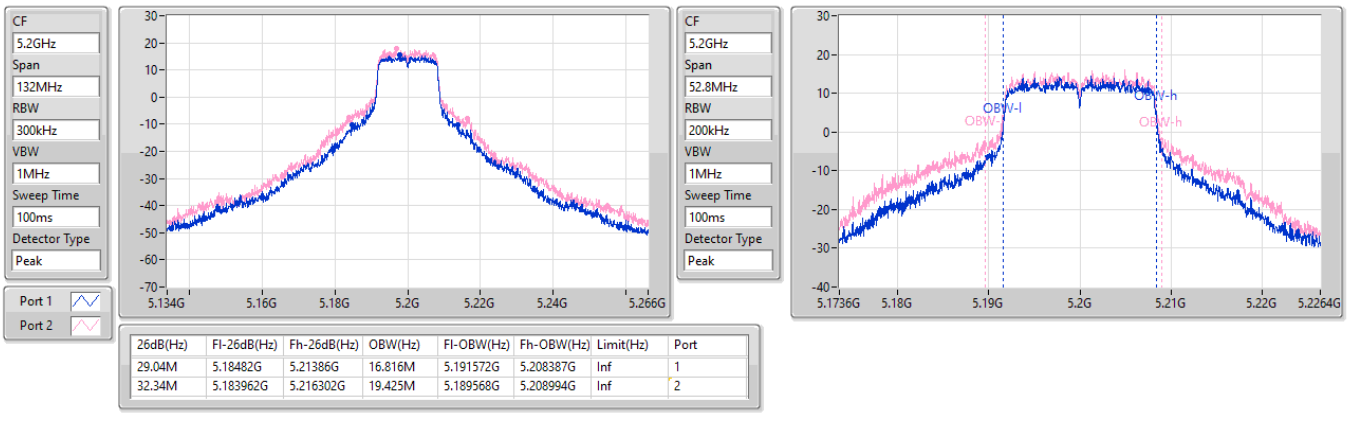
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.169176G	5.190626G	16.464M	5.171791G	5.188255G	Inf	1
22.176M	5.168648G	5.190824G	16.494M	5.171769G	5.188263G	Inf	2

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

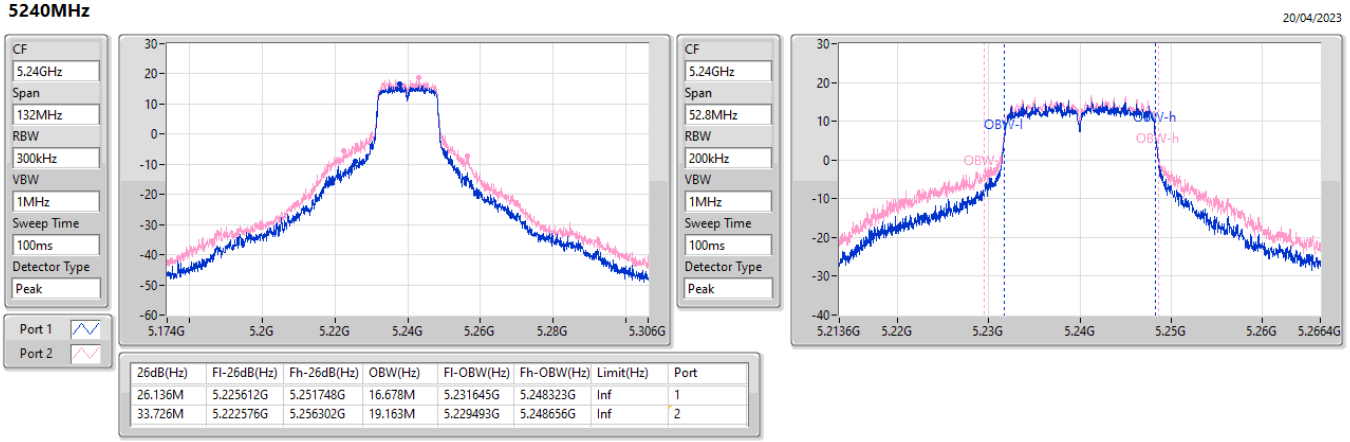
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.04M	5.18482G	5.21386G	16.816M	5.191572G	5.208387G	Inf	1
32.34M	5.183962G	5.216302G	19.425M	5.189568G	5.208994G	Inf	2

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

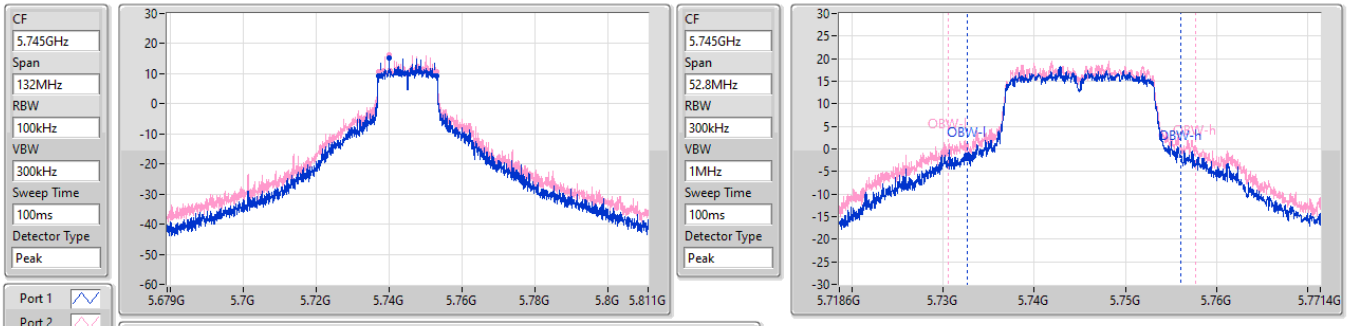
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.136M	5.225612G	5.251748G	16.678M	5.231645G	5.248323G	Inf	1
33.726M	5.222576G	5.256302G	19.163M	5.229493G	5.248656G	Inf	2

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

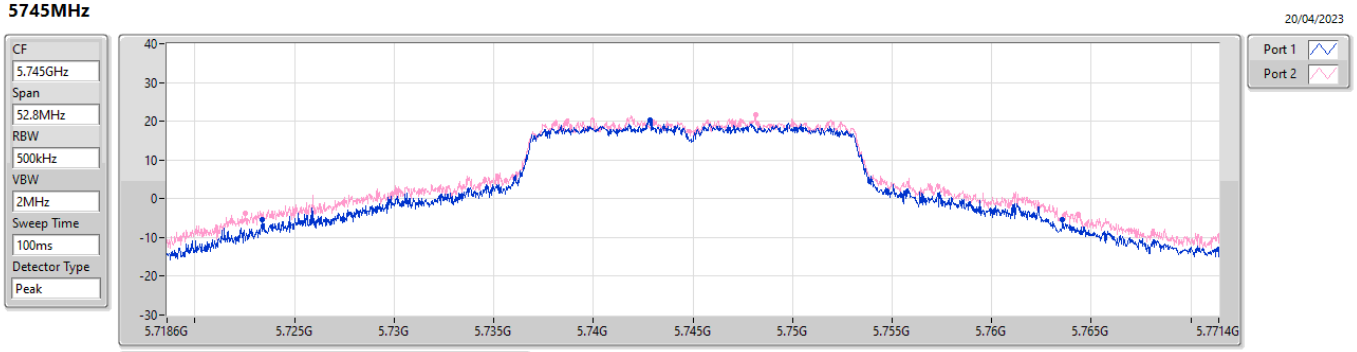
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.038M	5.73708G	5.753118G	23.479M	5.732661G	5.75614G	500k	1
16.038M	5.73708G	5.753118G	27.118M	5.730563G	5.757681G	500k	2

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

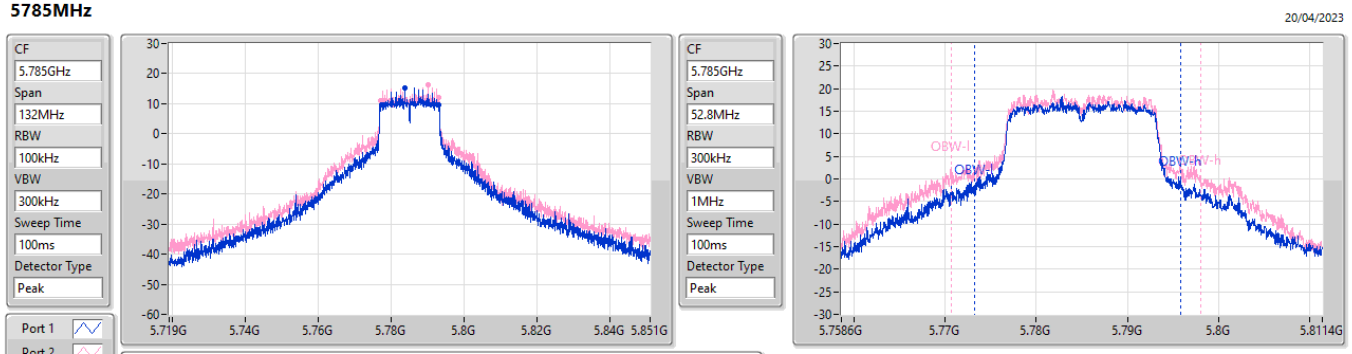
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
40.181M	5.723378G	5.763559G	Inf	1
41.791M	5.722534G	5.764325G	Inf	2

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

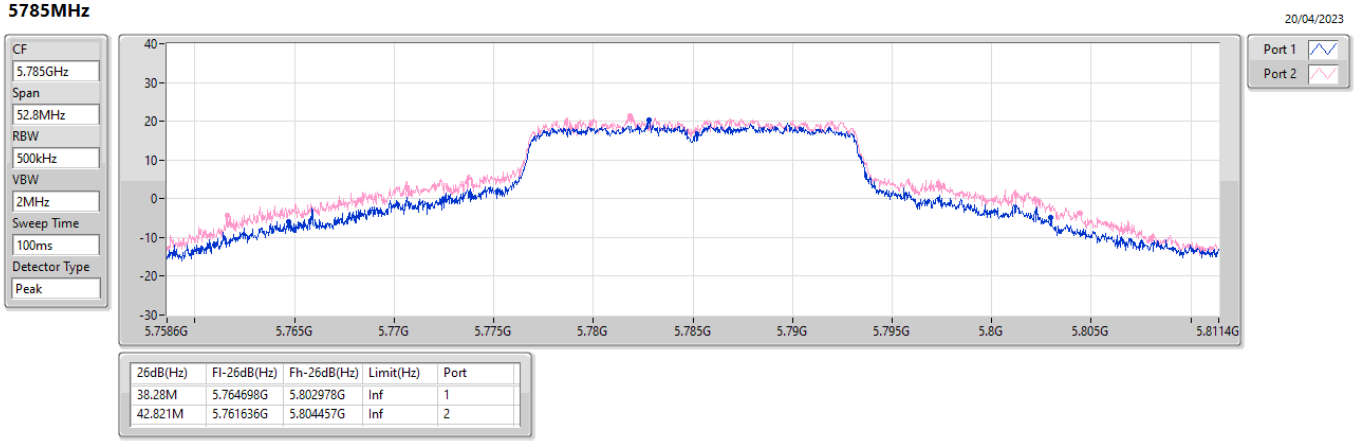
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.642M	5.777212G	5.792854G	22.57M	5.773268G	5.795838G	500k	1
16.236M	5.776882G	5.793118G	27.432M	5.770652G	5.798084G	500k	2

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

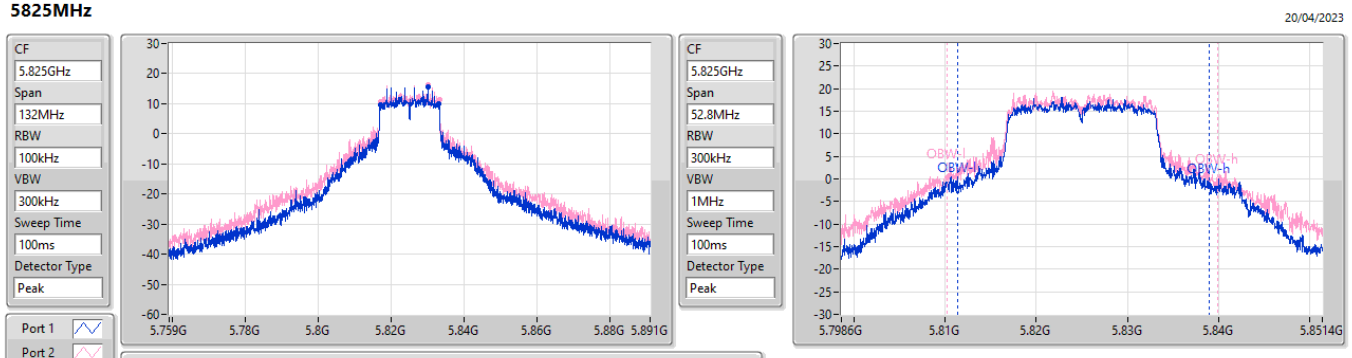
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
38.28M	5.764698G	5.802978G	Inf	1
42.821M	5.761636G	5.804457G	Inf	2

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

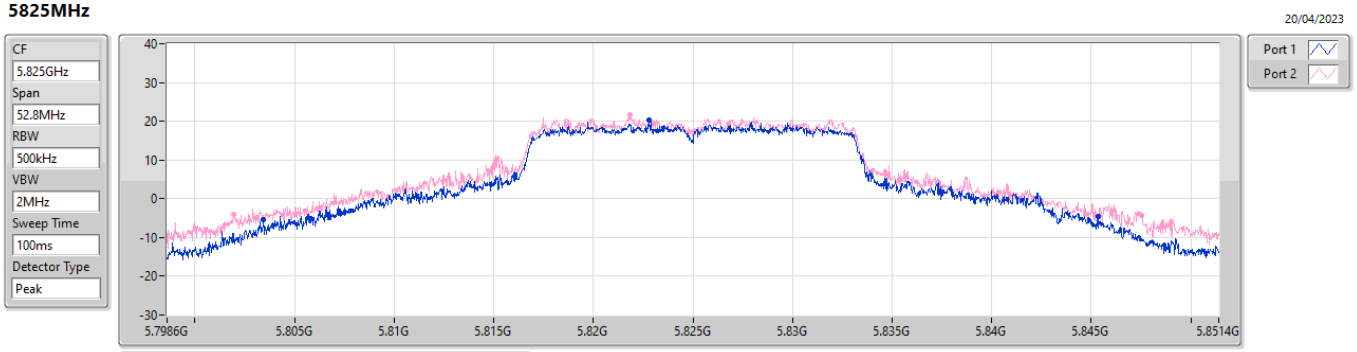
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.236M	5.816882G	5.833118G	27.681M	5.811359G	5.83904G	500k	1
16.302M	5.816882G	5.833184G	29.718M	5.810212G	5.83993G	500k	2

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

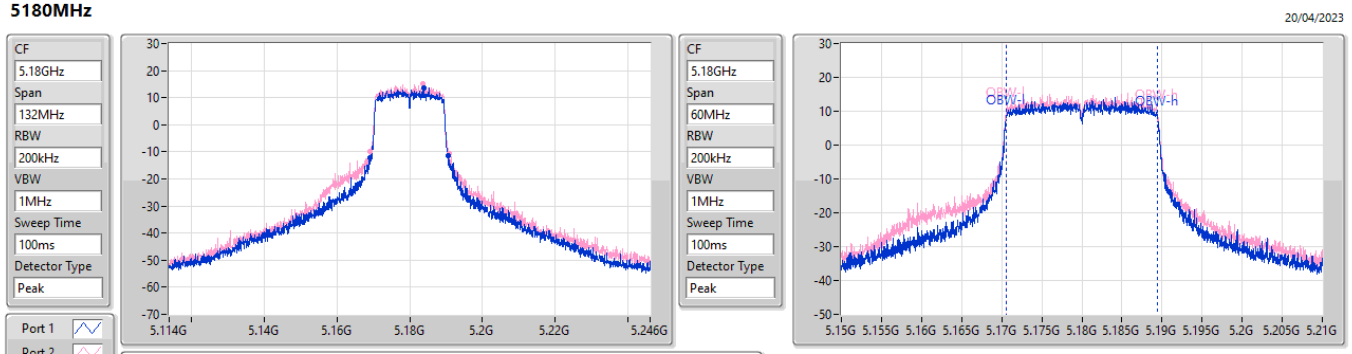
5825MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
41.897M	5.803431G	5.845328G	Inf	1
45.566M	5.801953G	5.847519G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5180MHz

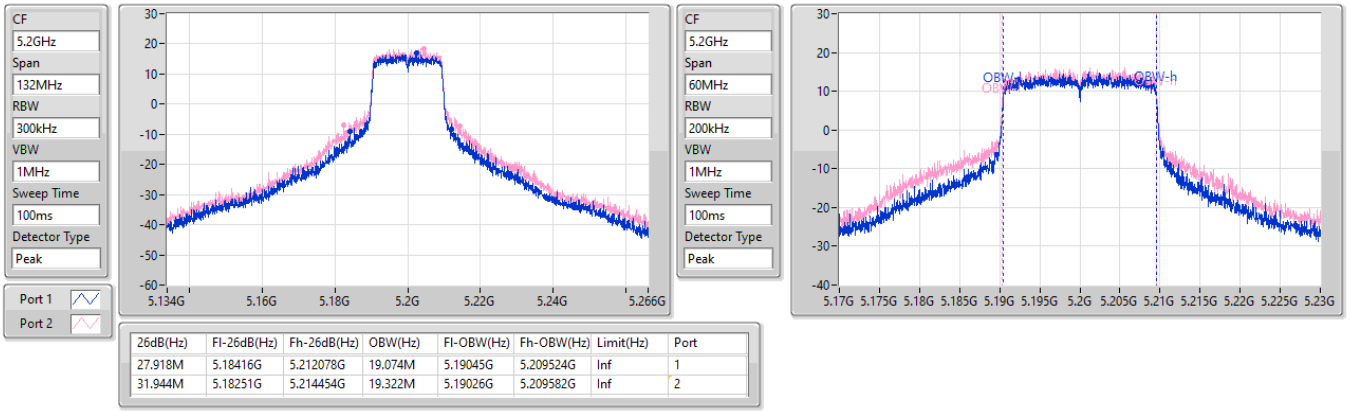


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.384M	5.169176G	5.19056G	18.943M	5.170525G	5.189468G	Inf	1
21.648M	5.169176G	5.190824G	18.939M	5.17053G	5.189468G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5200MHz

20/04/2023

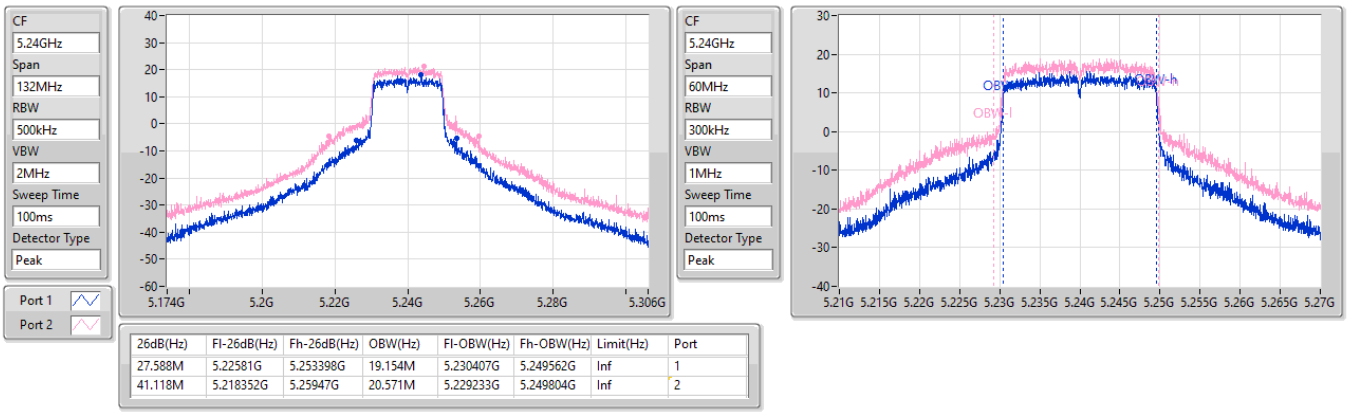


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.918M	5.18416G	5.212078G	19.074M	5.19045G	5.209524G	Inf	1
31.944M	5.18251G	5.214454G	19.322M	5.19026G	5.209582G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5240MHz

20/04/2023

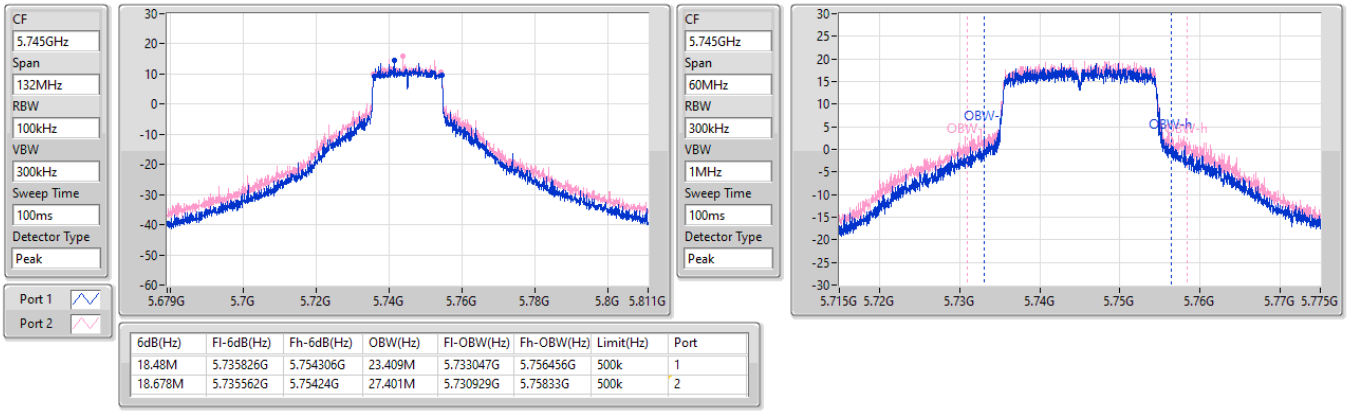


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.588M	5.22581G	5.253398G	19.154M	5.230407G	5.249562G	Inf	1
41.118M	5.218352G	5.25947G	20.571M	5.229233G	5.249804G	Inf	2

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

5745MHz

20/04/2023

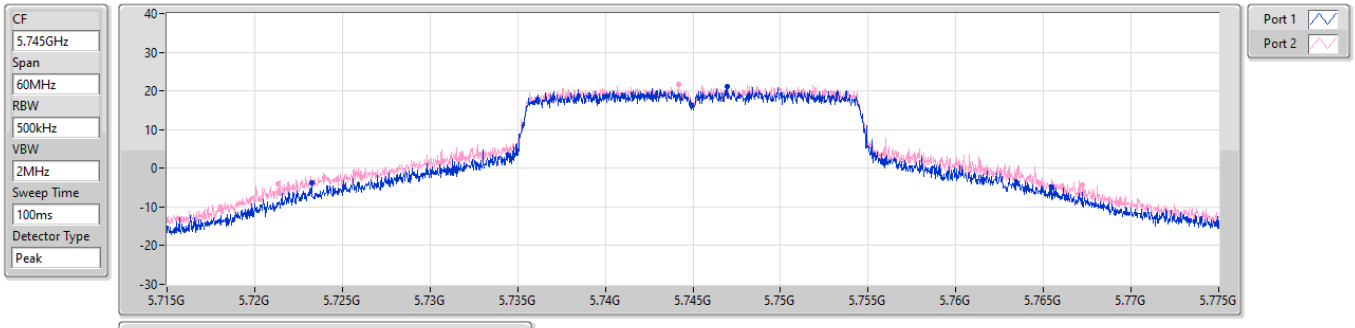


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.48M	5.735826G	5.754306G	23.409M	5.733047G	5.756456G	500k	1
18.678M	5.735562G	5.75424G	27.401M	5.730929G	5.75833G	500k	2

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

5745MHz

20/04/2023

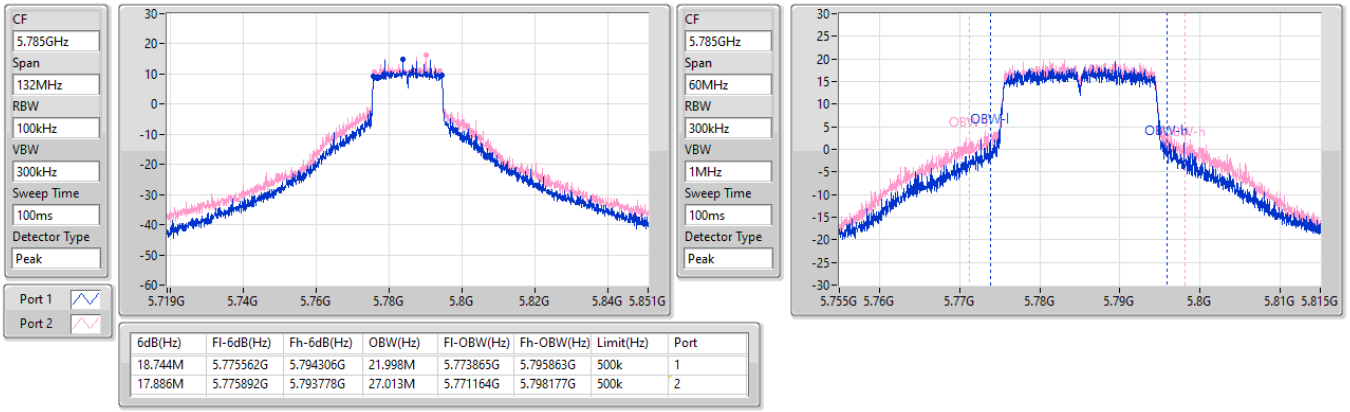


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
42.24M	5.72325G	5.76549G	Inf	1
45.9M	5.72133G	5.76723G	Inf	2

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

5785MHz

20/04/2023

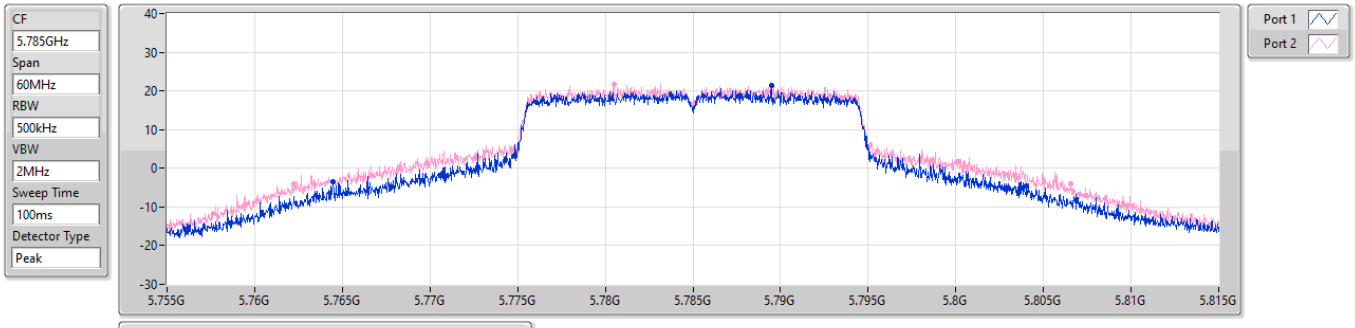


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.744M	5.775562G	5.794306G	21.998M	5.773865G	5.795863G	500k	1
17.886M	5.775892G	5.793778G	27.013M	5.771164G	5.798177G	500k	2

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

5785MHz

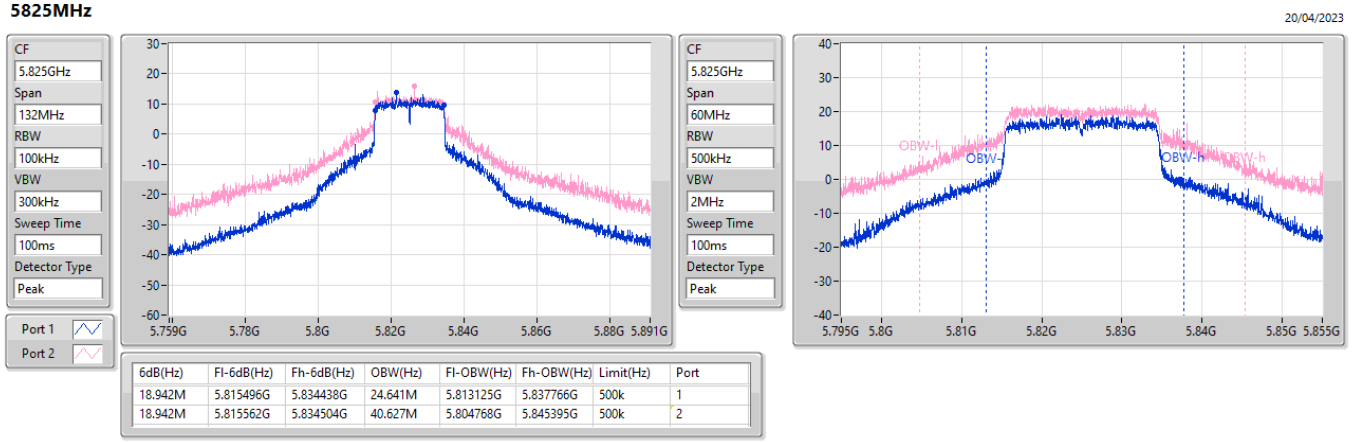
20/04/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
39.6M	5.76445G	5.80405G	Inf	1
44.28M	5.76226G	5.80654G	Inf	2

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

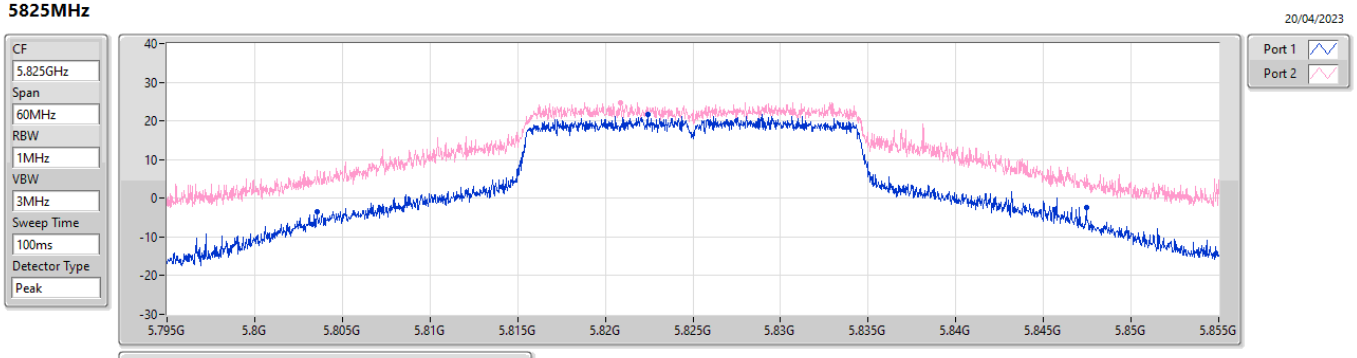
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.942M	5.815496G	5.834438G	24.641M	5.813125G	5.837766G	500k	1
18.942M	5.815562G	5.834504G	40.627M	5.804768G	5.845395G	500k	2

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

5825MHz

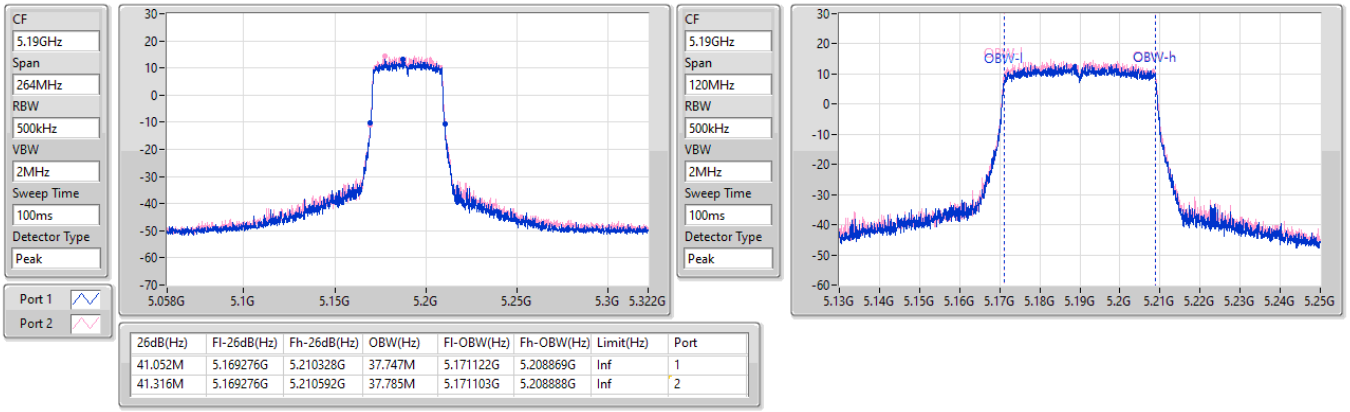


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
43.89M	5.80355G	5.84744G	Inf	1
59.97M	5.79503G	5.855G	Inf	2

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5190MHz

20/04/2023

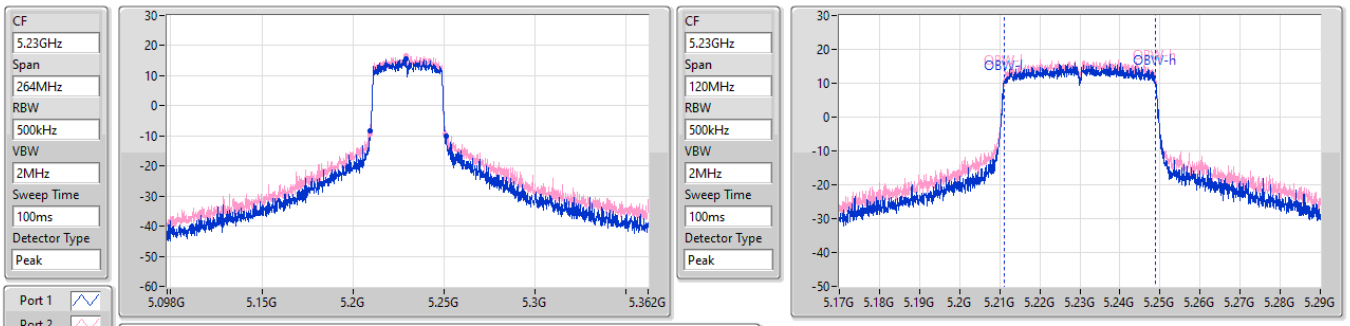


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.052M	5.169276G	5.210328G	37.747M	5.171122G	5.208869G	Inf	1
41.316M	5.169276G	5.210592G	37.785M	5.171103G	5.208888G	Inf	2

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5230MHz

20/04/2023

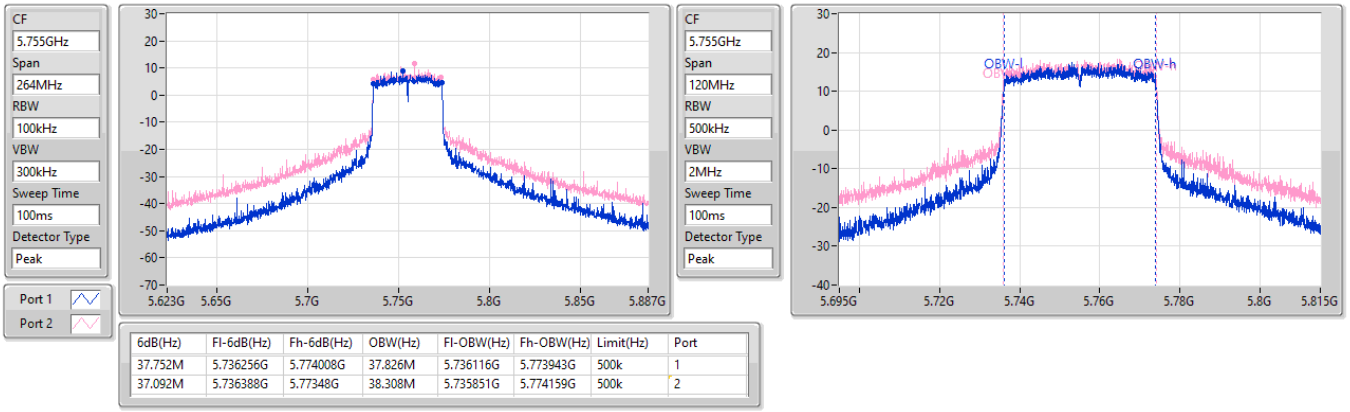


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.58M	5.209408G	5.250988G	37.777M	5.211118G	5.248895G	Inf	1
41.448M	5.209144G	5.250592G	37.822M	5.211104G	5.248926G	Inf	2

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

5755MHz

20/04/2023

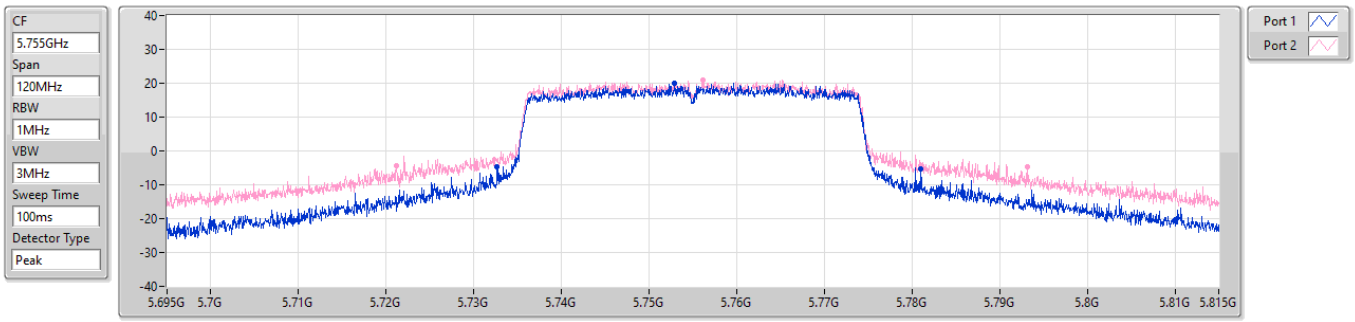


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.752M	5.736256G	5.774008G	37.826M	5.736116G	5.773943G	500k	1
37.092M	5.736388G	5.77348G	38.308M	5.735851G	5.774159G	500k	2

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

5755MHz

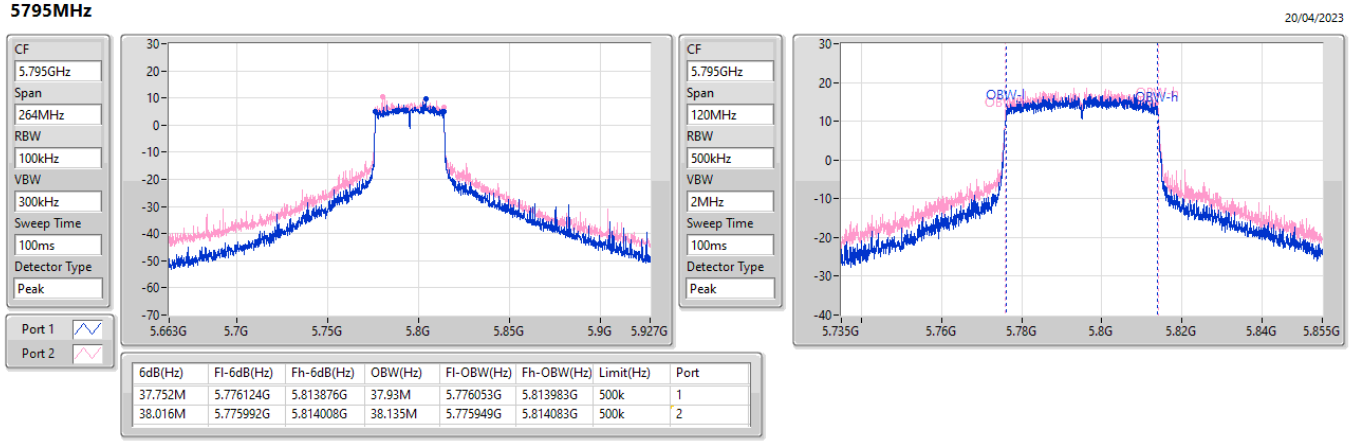
20/04/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
48.36M	5.73268G	5.78104G	Inf	1
71.94M	5.72122G	5.79316G	Inf	2

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

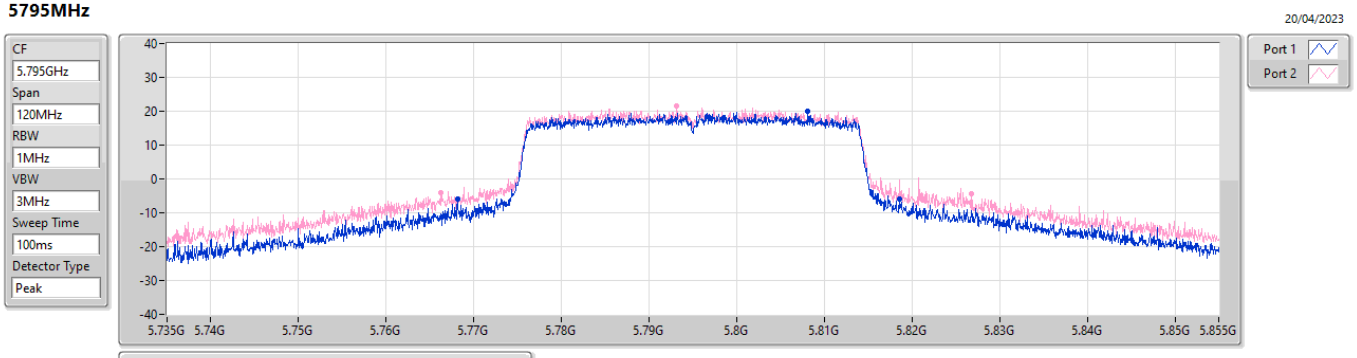
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.752M	5.776124G	5.813876G	37.93M	5.776053G	5.813983G	500k	1
38.016M	5.775992G	5.814008G	38.135M	5.775949G	5.814083G	500k	2

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

5795MHz

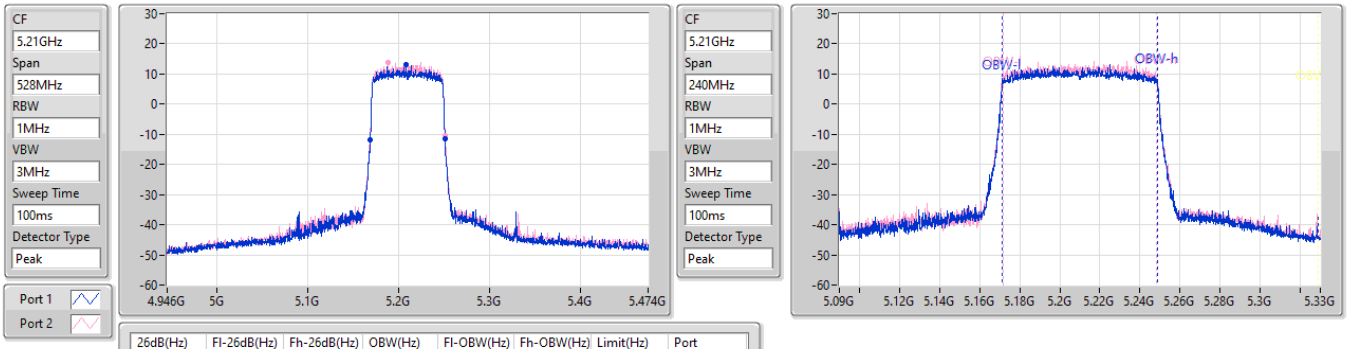


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
50.4M	5.76812G	5.81852G	Inf	1
60.48M	5.76626G	5.82674G	Inf	2

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5210MHz

20/04/2023

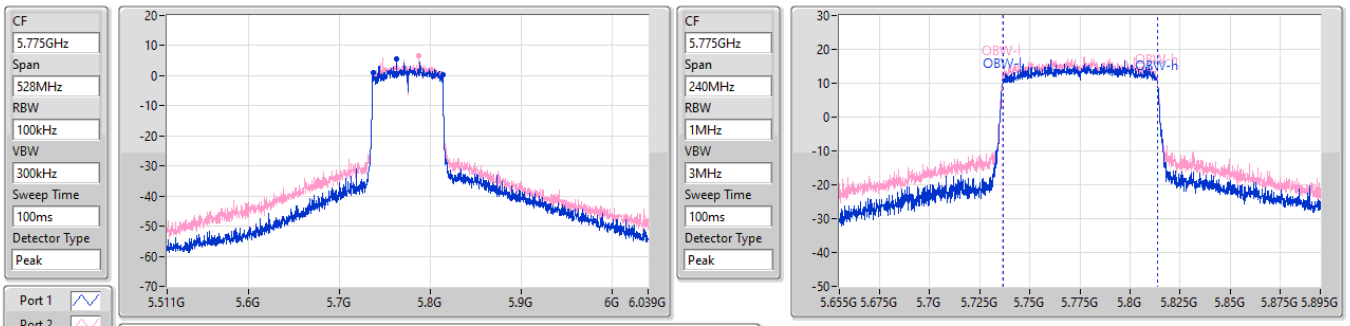


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.104M	5.16908G	5.251184G	77.25M	5.171433G	5.248683G	Inf	1
82.368M	5.168552G	5.25092G	76.954M	5.171548G	5.248502G	Inf	2

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

5775MHz

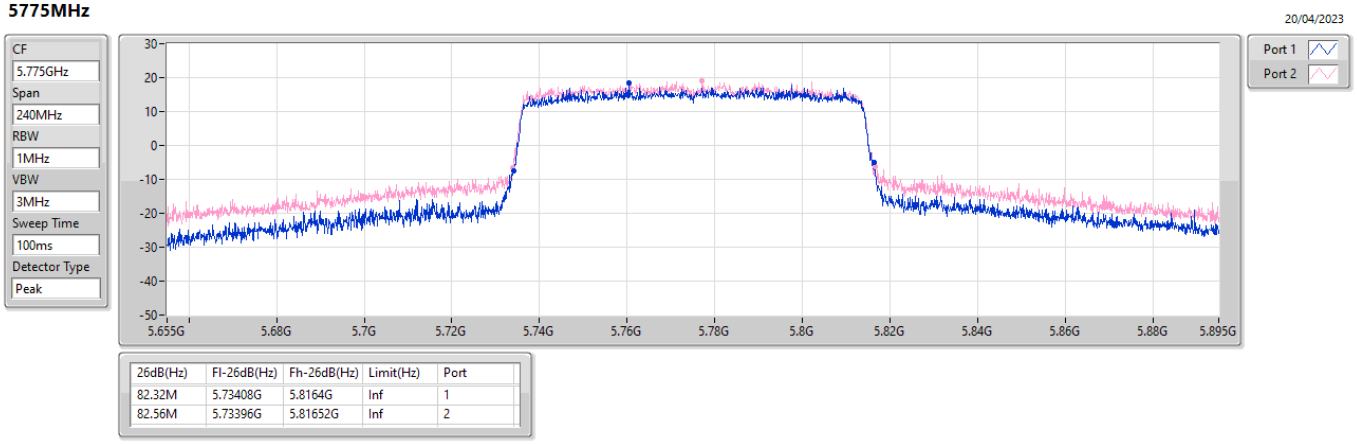
20/04/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.824M	5.73672G	5.813544G	77.073M	5.736533G	5.813606G	500k	1
74.976M	5.73804G	5.813016G	77.171M	5.73639G	5.813562G	500k	2

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

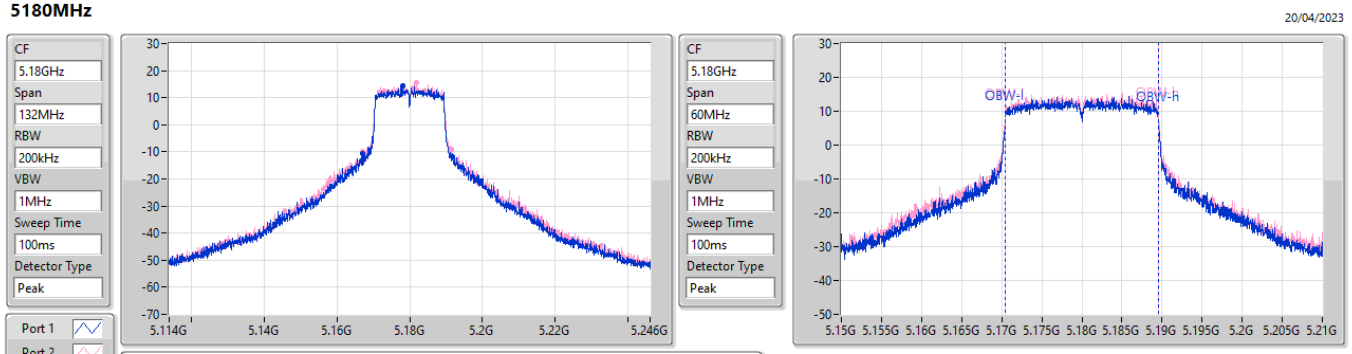
5775MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
82.32M	5.73408G	5.8164G	Inf	1
82.56M	5.73396G	5.81652G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5180MHz

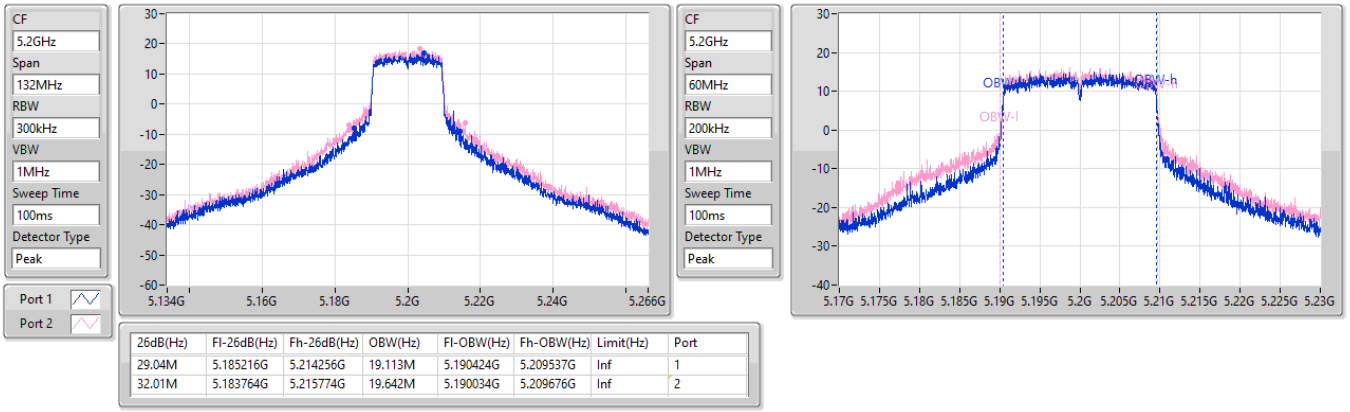


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.684M	5.167064G	5.191748G	19.018M	5.170487G	5.189504G	Inf	1
24.222M	5.16713G	5.191352G	19.036M	5.170484G	5.18952G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5200MHz

20/04/2023

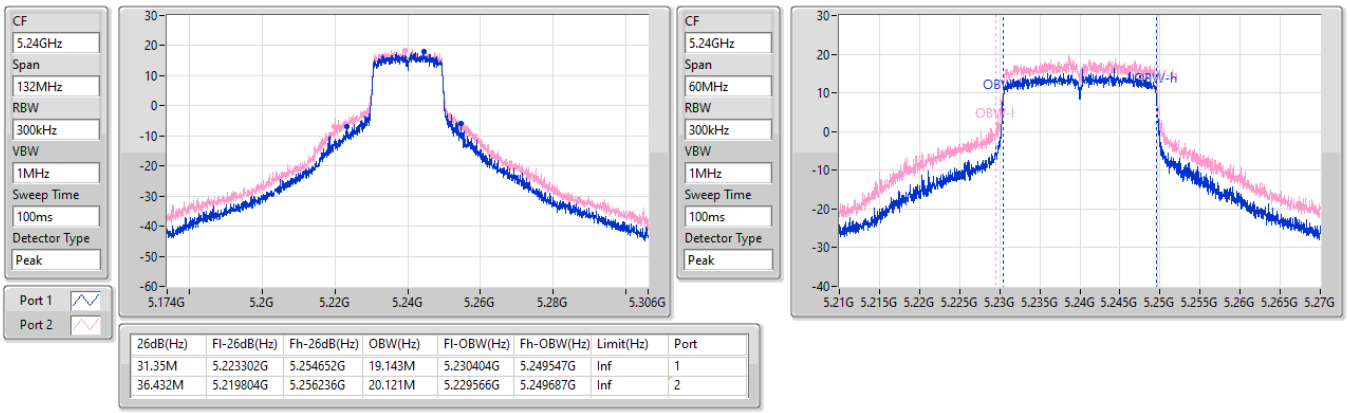


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.04M	5.185216G	5.214256G	19.113M	5.190424G	5.209537G	Inf	1
32.01M	5.183764G	5.215774G	19.642M	5.190034G	5.209676G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5240MHz

20/04/2023

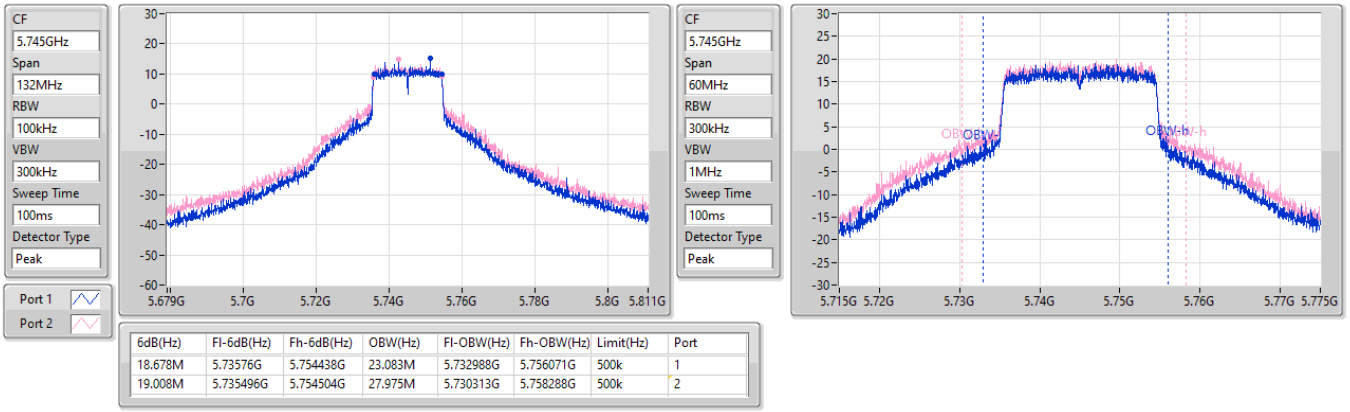


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.35M	5.223302G	5.254652G	19.143M	5.230404G	5.249547G	Inf	1
36.432M	5.219804G	5.256236G	20.121M	5.229566G	5.249687G	Inf	2

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

5745MHz

20/04/2023

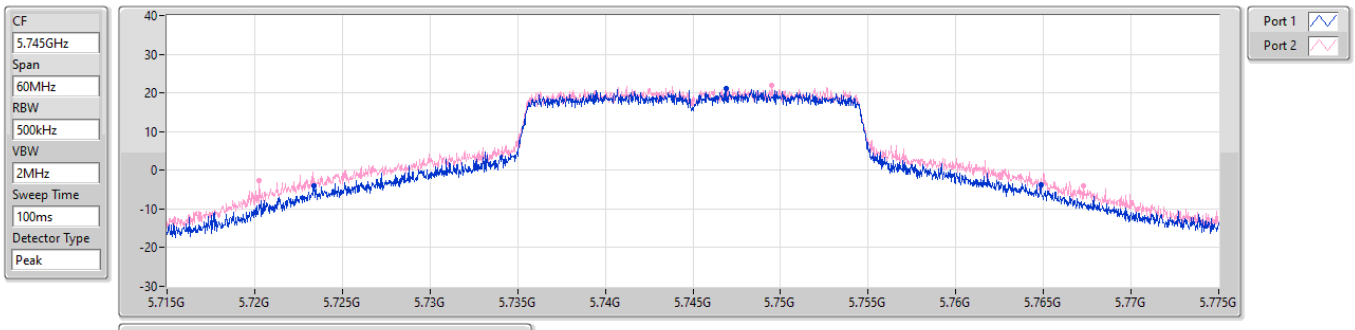


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.678M	5.73576G	5.754438G	23.083M	5.732988G	5.756071G	500k	1
19.008M	5.735496G	5.754504G	27.975M	5.730313G	5.758288G	500k	2

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

5745MHz

20/04/2023

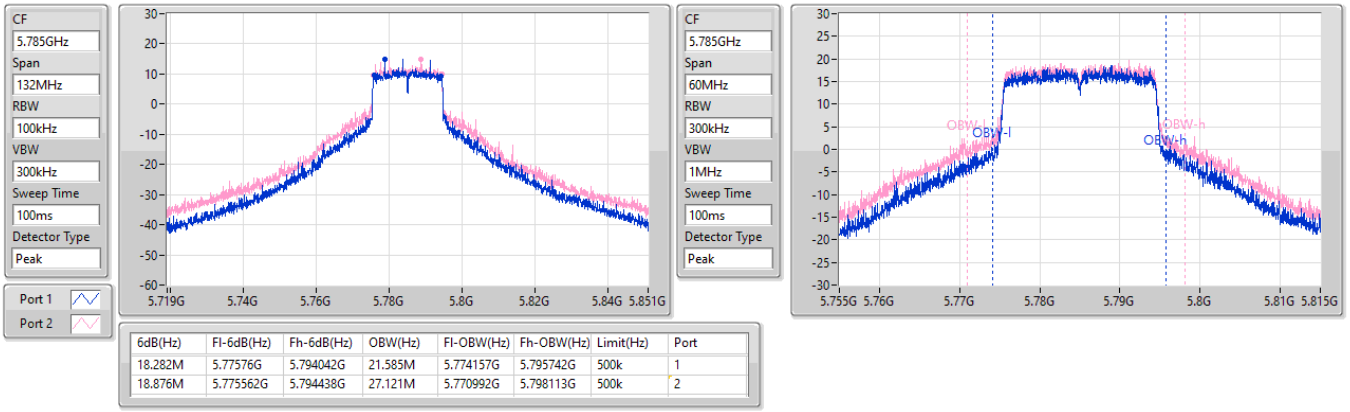


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
41.49M	5.72337G	5.76486G	Inf	1
47.04M	5.72025G	5.76729G	Inf	2

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

5785MHz

20/04/2023

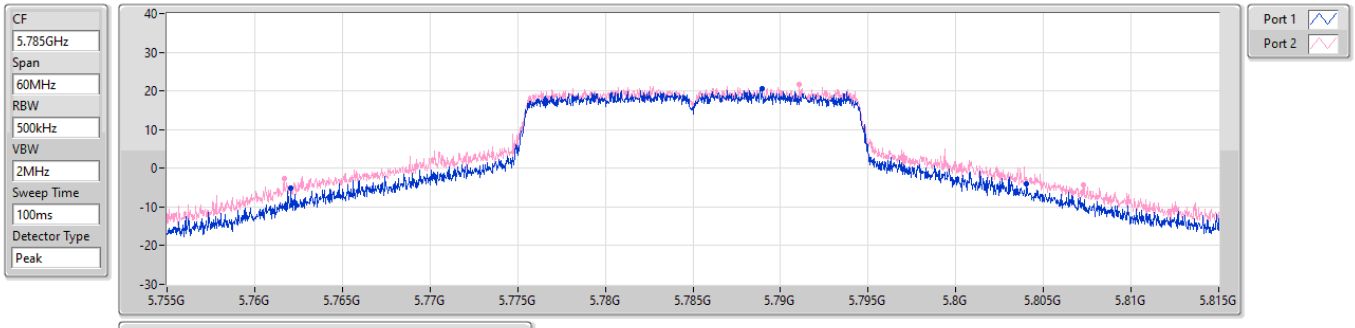


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.282M	5.77576G	5.794042G	21.585M	5.774157G	5.795742G	500k	1
18.876M	5.775562G	5.794438G	27.121M	5.770992G	5.798113G	500k	2

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

5785MHz

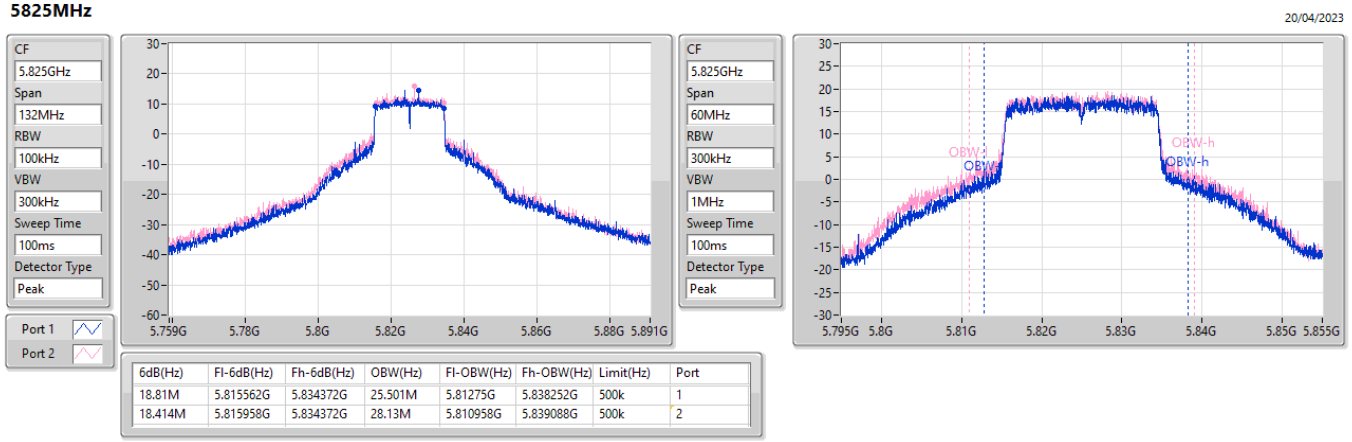
20/04/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
41.97M	5.76208G	5.80405G	Inf	1
45.6M	5.76169G	5.80729G	Inf	2

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

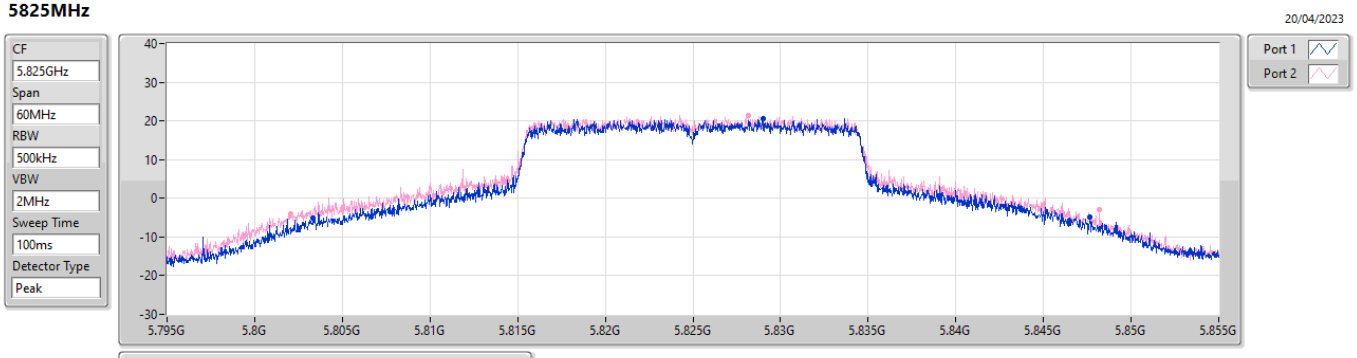
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.81M	5.815562G	5.834372G	25.501M	5.81275G	5.838252G	500k	1
18.414M	5.815958G	5.834372G	28.13M	5.810958G	5.839088G	500k	2

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

5825MHz

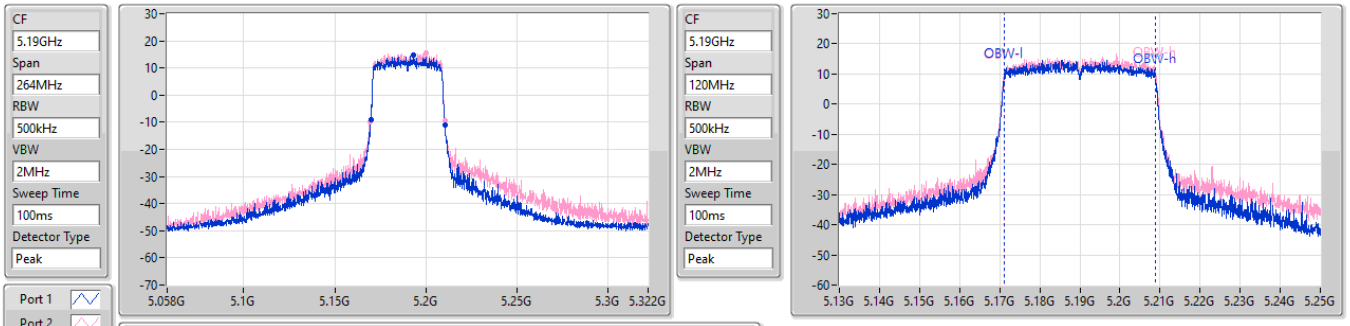


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
44.31M	5.80334G	5.84765G	Inf	1
46.14M	5.80205G	5.84819G	Inf	2

5.15-5.25GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5190MHz

20/04/2023

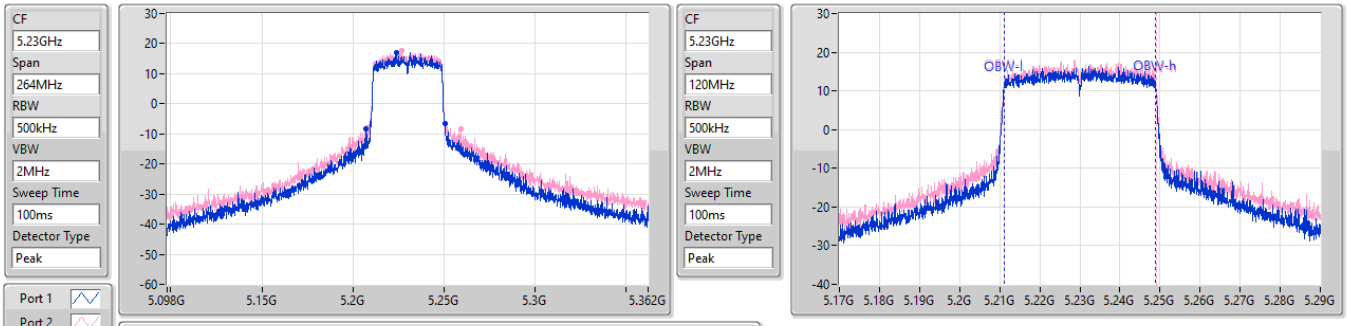


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.788M	5.169804G	5.210592G	37.722M	5.17113G	5.208852G	Inf	1
41.184M	5.16954G	5.210724G	37.731M	5.171163G	5.208894G	Inf	2

5.15-5.25GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5230MHz

20/04/2023

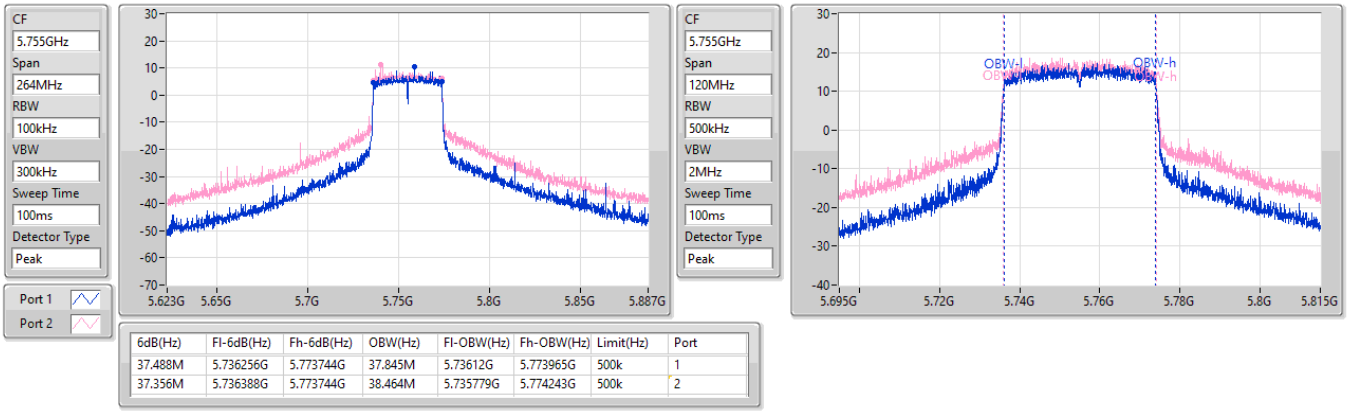


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.56M	5.2069G	5.25046G	37.87M	5.211082G	5.248951G	Inf	1
51.744M	5.20756G	5.259304G	37.919M	5.211071G	5.248989G	Inf	2

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

5755MHz

20/04/2023

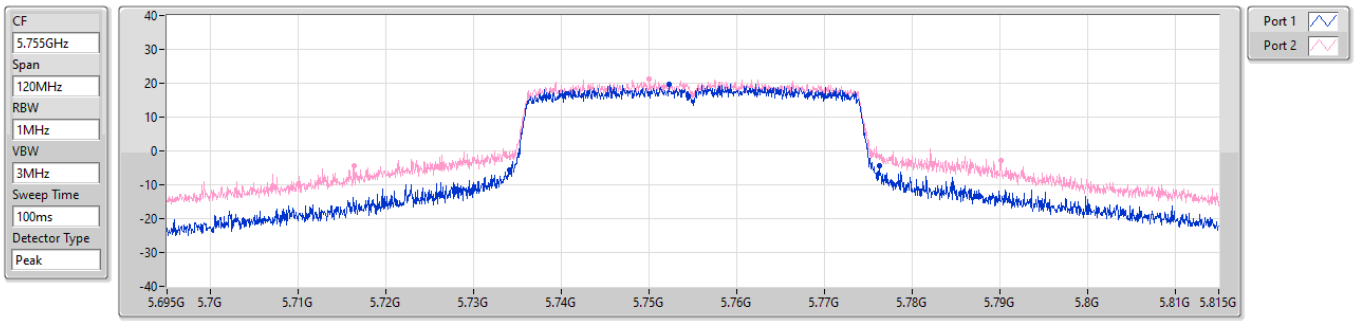


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.488M	5.736256G	5.773744G	37.845M	5.73612G	5.773965G	500k	1
37.356M	5.736388G	5.773744G	38.464M	5.735779G	5.774243G	500k	2

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

5755MHz

20/04/2023

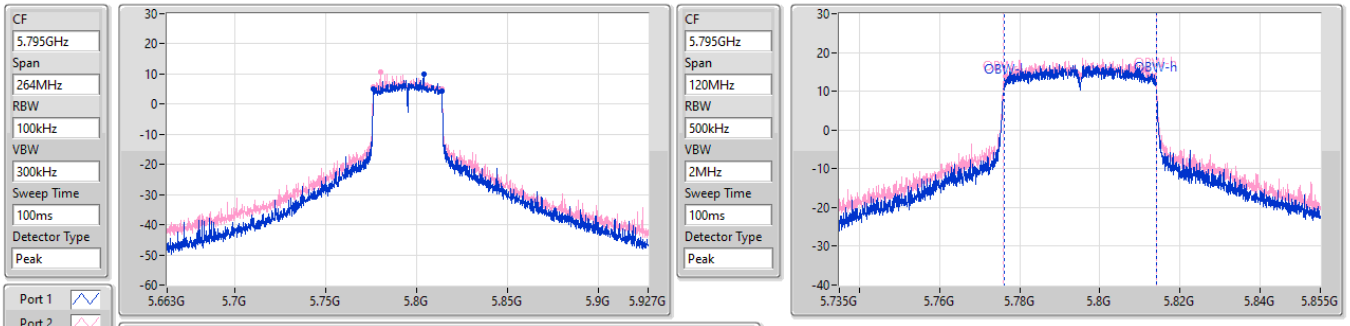


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
42.18M	5.73406G	5.77624G	Inf	1
73.8M	5.7163G	5.7901G	Inf	2

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

5795MHz

20/04/2023

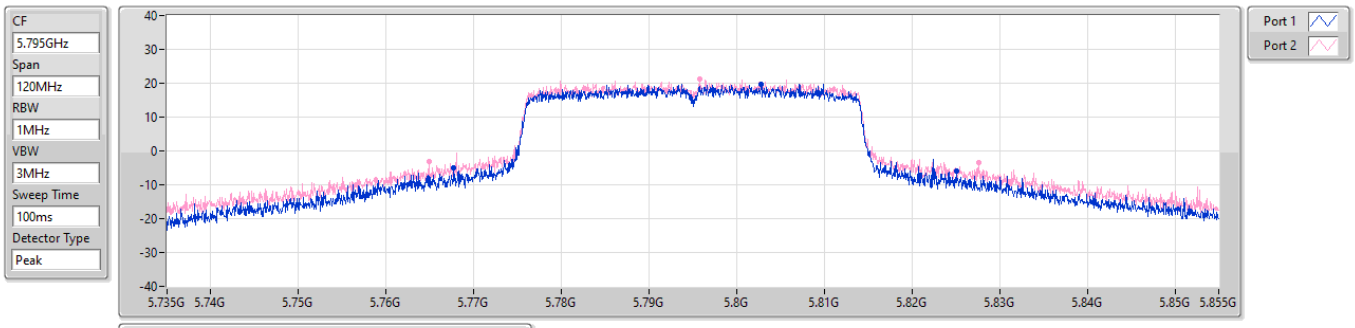


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.356M	5.776388G	5.813744G	37.998M	5.776017G	5.814015G	500k	1
37.62M	5.776256G	5.813876G	38.186M	5.775911G	5.814097G	500k	2

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

5795MHz

20/04/2023

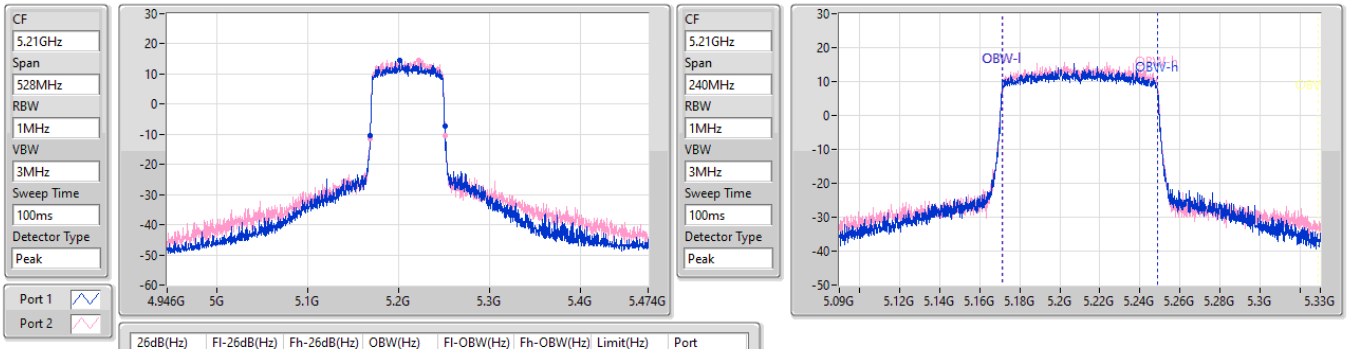


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
57.36M	5.7677G	5.82506G	Inf	1
62.7M	5.76488G	5.82758G	Inf	2

5.15-5.25GHz_802.11ax HEW80_Nss2,(MCS0)_2TX **EBW**

5210MHz

20/04/2023

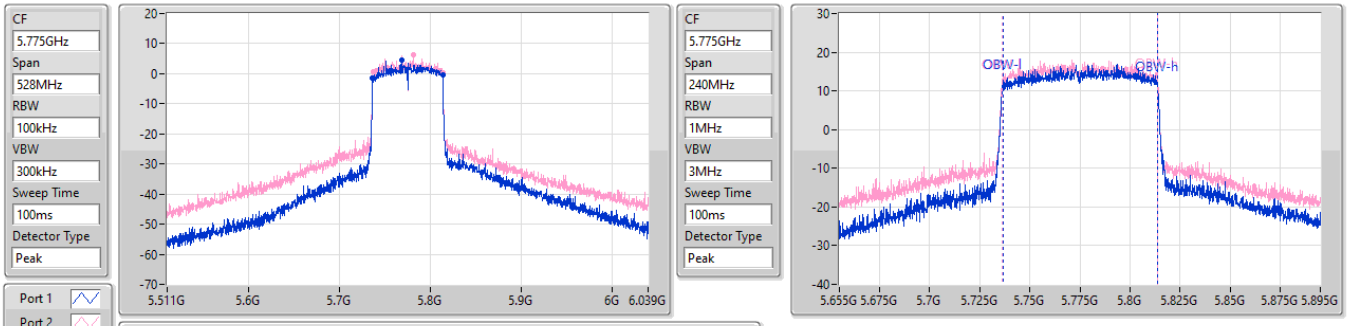


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.368M	5.168552G	5.25092G	77.116M	5.171404G	5.24852G	Inf	1
82.368M	5.168816G	5.251184G	77.035M	5.171506G	5.248541G	Inf	2

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

5775MHz

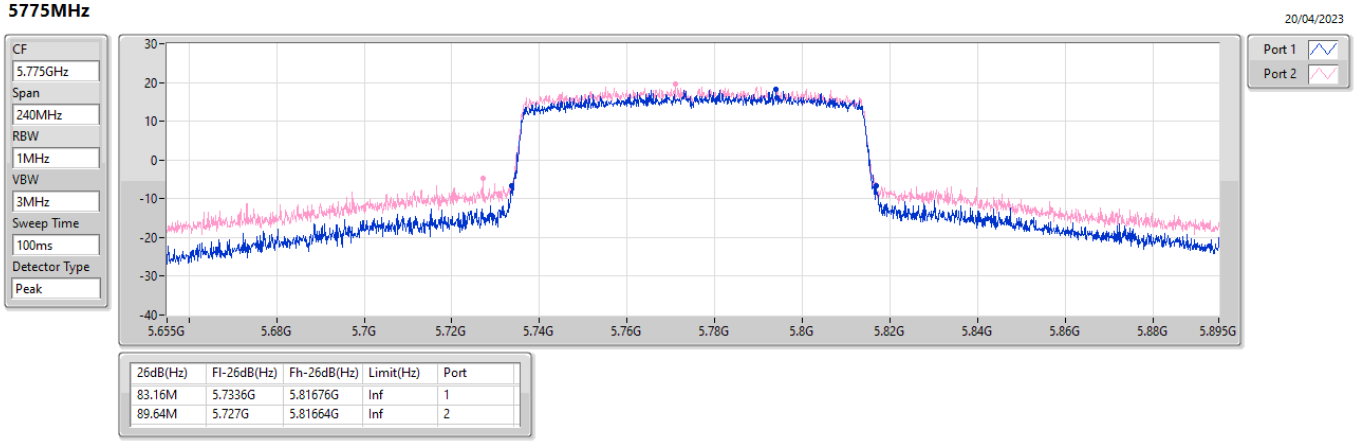
20/04/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.616M	5.736192G	5.813808G	77.196M	5.736524G	5.813721G	500k	1
77.088M	5.73672G	5.813808G	77.459M	5.736312G	5.813771G	500k	2

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

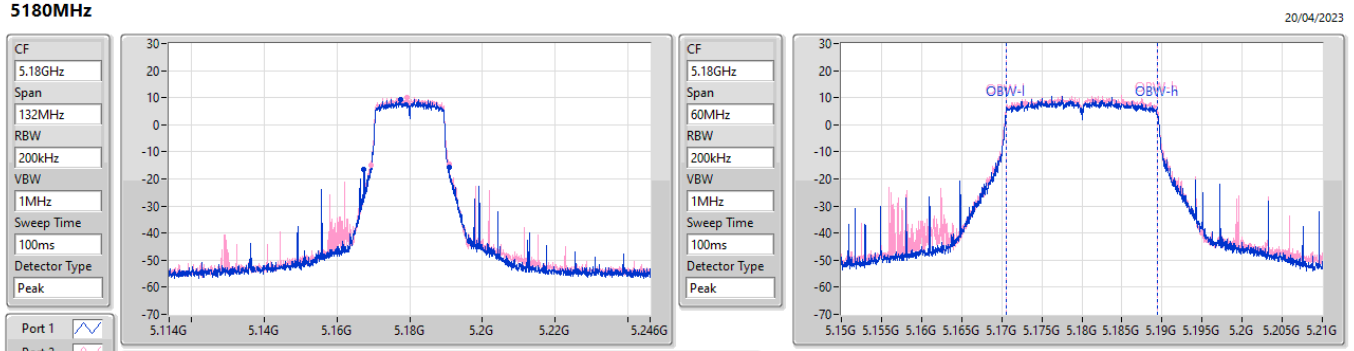
5775MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
83.16M	5.7336G	5.81676G	Inf	1
89.64M	5.727G	5.81664G	Inf	2

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5180MHz

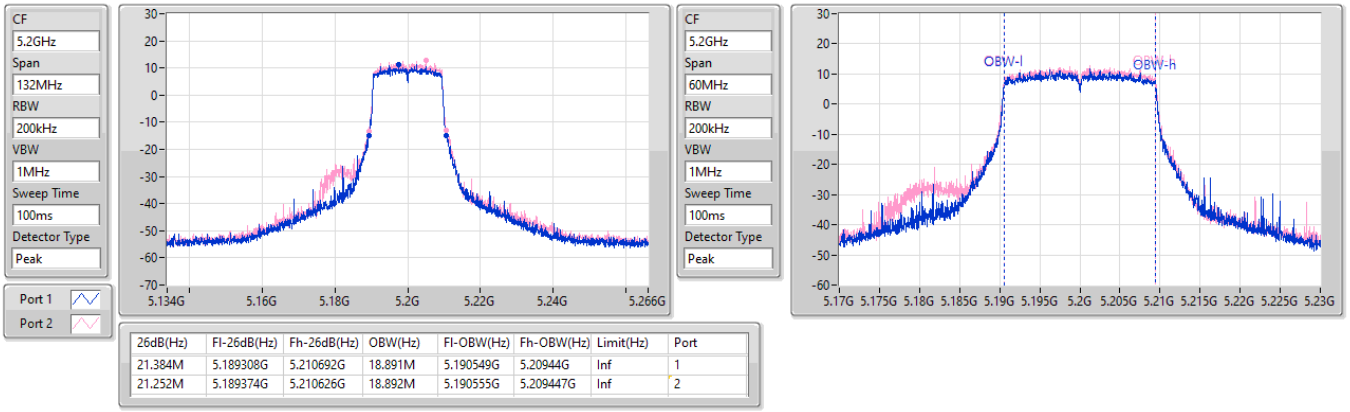


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.298M	5.16746G	5.190758G	18.888M	5.170558G	5.189446G	Inf	1
21.582M	5.169308G	5.19089G	18.878M	5.170561G	5.189439G	Inf	2

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5200MHz

20/04/2023

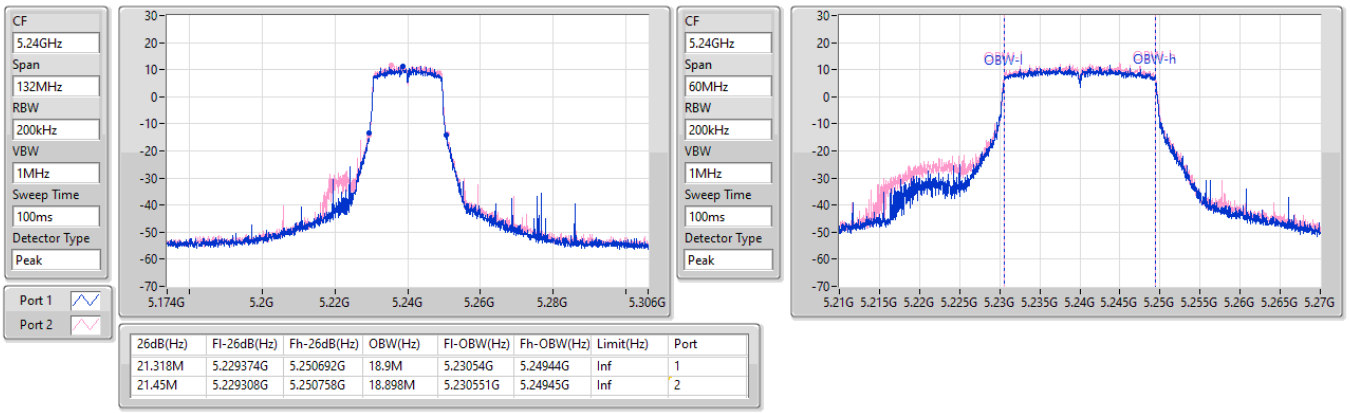


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.384M	5.189308G	5.210692G	18.891M	5.190549G	5.20944G	Inf	1
21.252M	5.189374G	5.210626G	18.892M	5.190555G	5.209447G	Inf	2

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5240MHz

20/04/2023

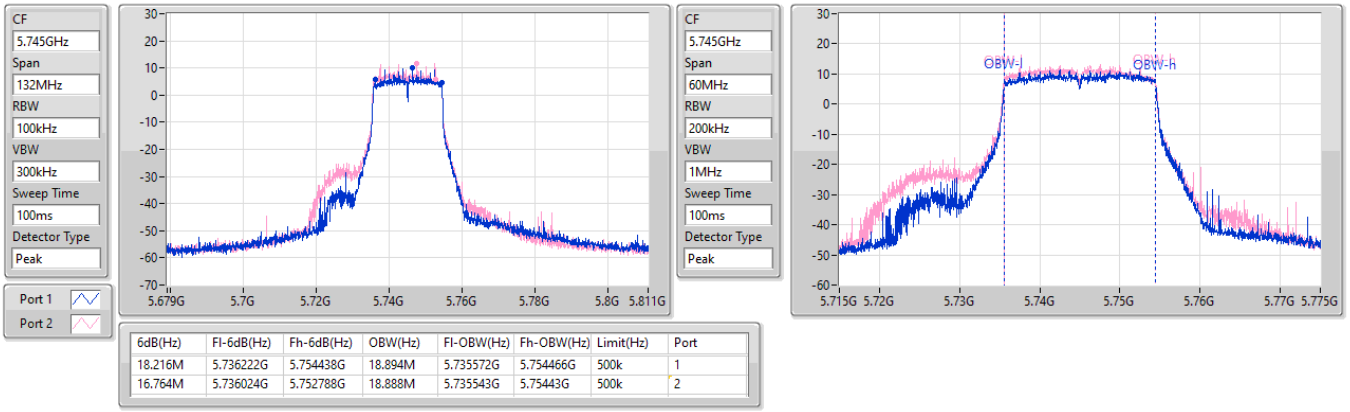


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.318M	5.229374G	5.250692G	18.9M	5.23054G	5.24944G	Inf	1
21.45M	5.229308G	5.250758G	18.898M	5.230551G	5.24945G	Inf	2

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

5745MHz

20/04/2023

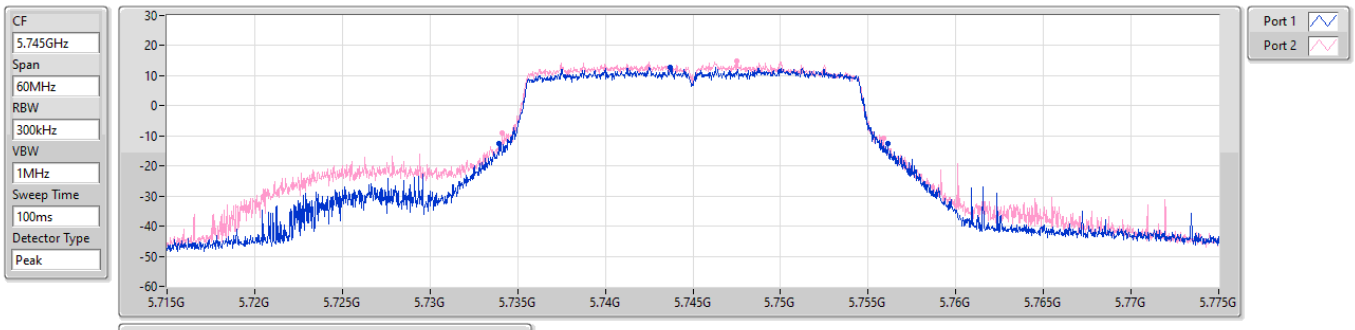


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.216M	5.736222G	5.754438G	18.894M	5.735572G	5.754466G	500k	1
16.764M	5.736024G	5.752788G	18.888M	5.735543G	5.75443G	500k	2

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

5745MHz

20/04/2023

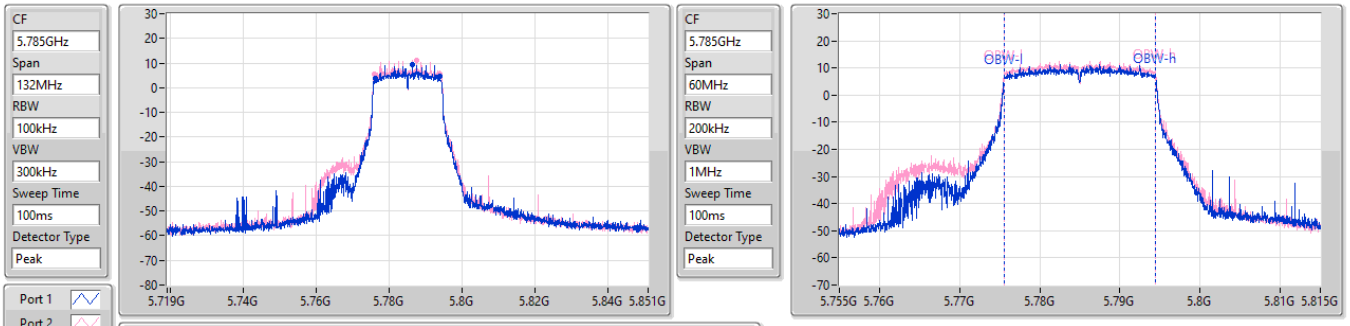


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
22.14M	5.73396G	5.7561G	Inf	1
21.75M	5.73411G	5.75586G	Inf	2

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

5785MHz

20/04/2023

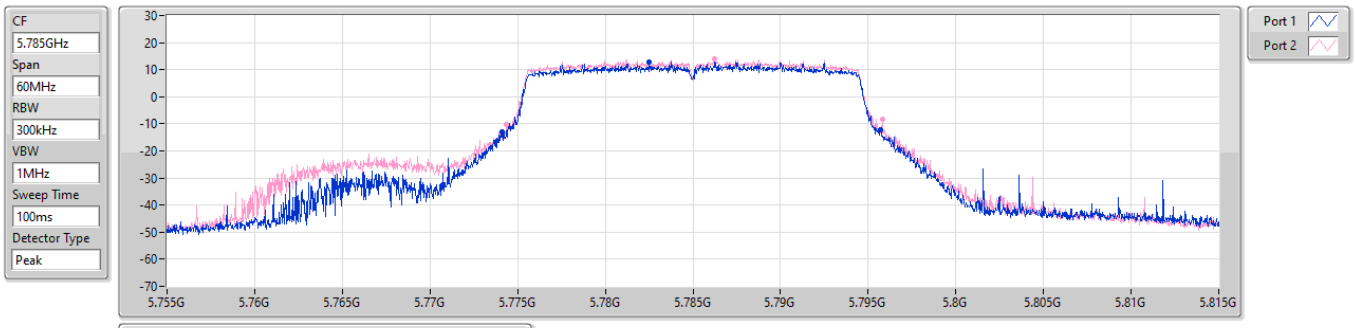


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.688M	5.776156G	5.793844G	18.898M	5.775566G	5.794464G	500k	1
18.084M	5.775826G	5.79391G	18.893M	5.775552G	5.794445G	500k	2

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

5785MHz

20/04/2023

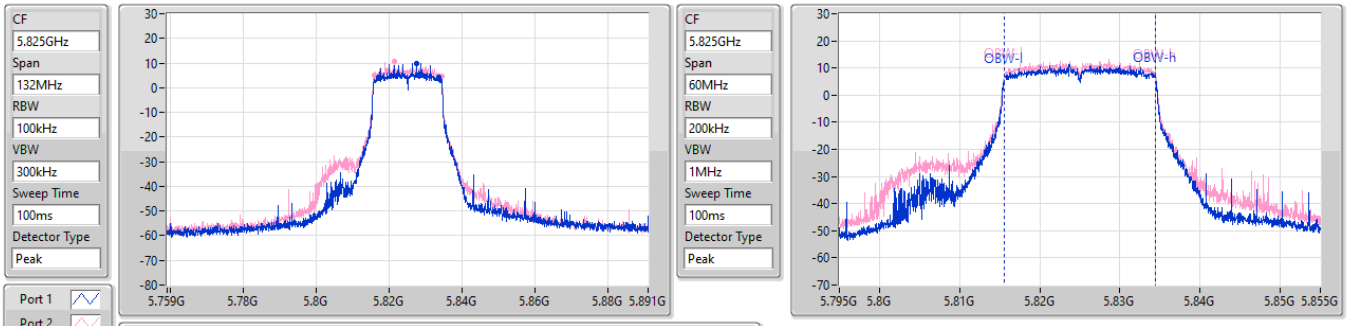


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
21.57M	5.77414G	5.79571G	Inf	1
21.42M	5.77438G	5.7958G	Inf	2

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

5825MHz

20/04/2023

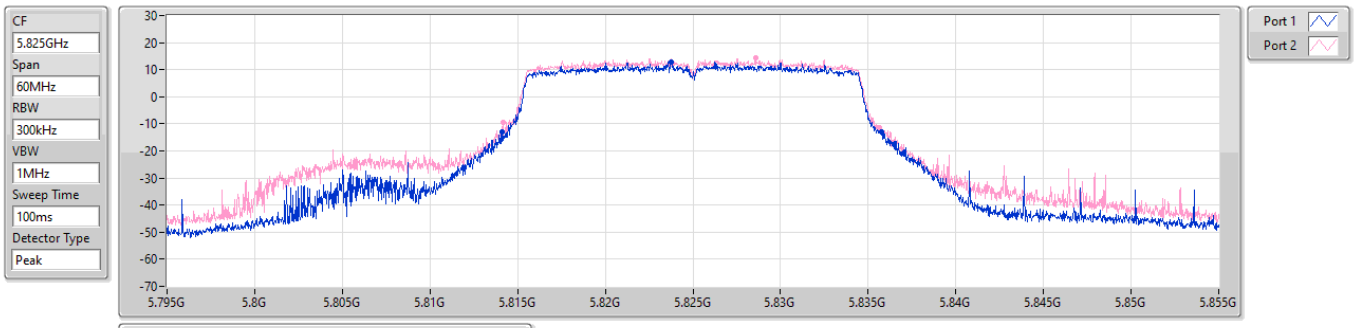


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.5M	5.81708G	5.83358G	18.901M	5.815557G	5.834458G	500k	1
18.612M	5.81576G	5.834372G	18.912M	5.815545G	5.834457G	500k	2

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

5825MHz

20/04/2023

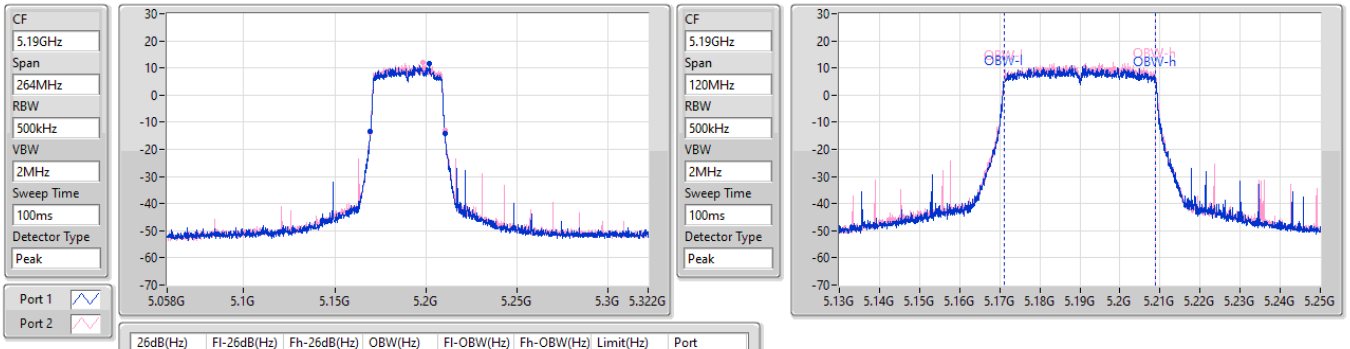


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
21.66M	5.81411G	5.83577G	Inf	1
21.45M	5.81417G	5.83562G	Inf	2

5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5190MHz

20/04/2023

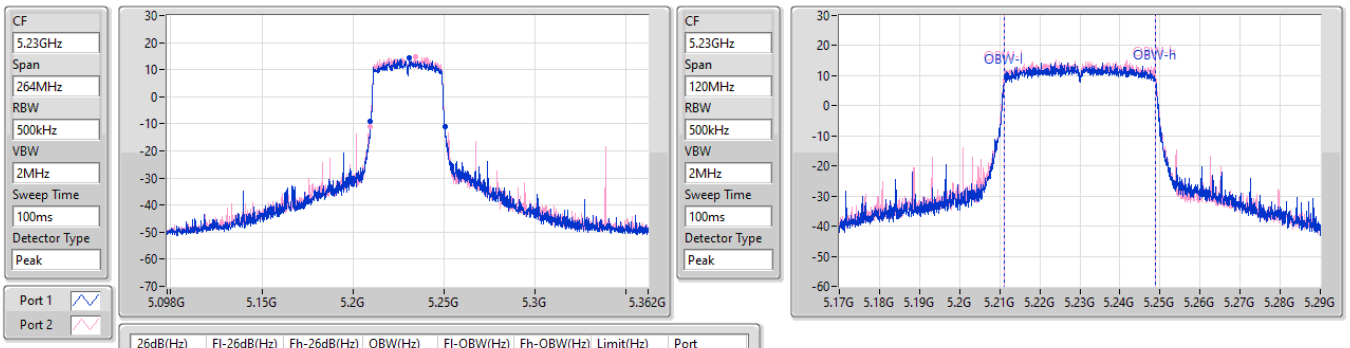


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.656M	5.169672G	5.210328G	37.727M	5.171133G	5.208859G	Inf	1
40.656M	5.169672G	5.210328G	37.732M	5.171128G	5.20886G	Inf	2

5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5230MHz

20/04/2023

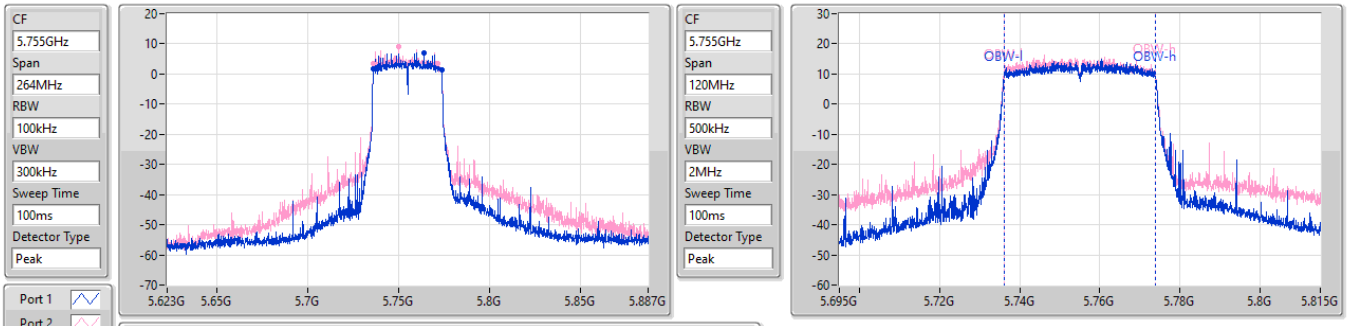


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.656M	5.209672G	5.250328G	37.703M	5.211151G	5.248854G	Inf	1
40.788M	5.209672G	5.25046G	37.762M	5.211132G	5.248894G	Inf	2

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

5755MHz

20/04/2023

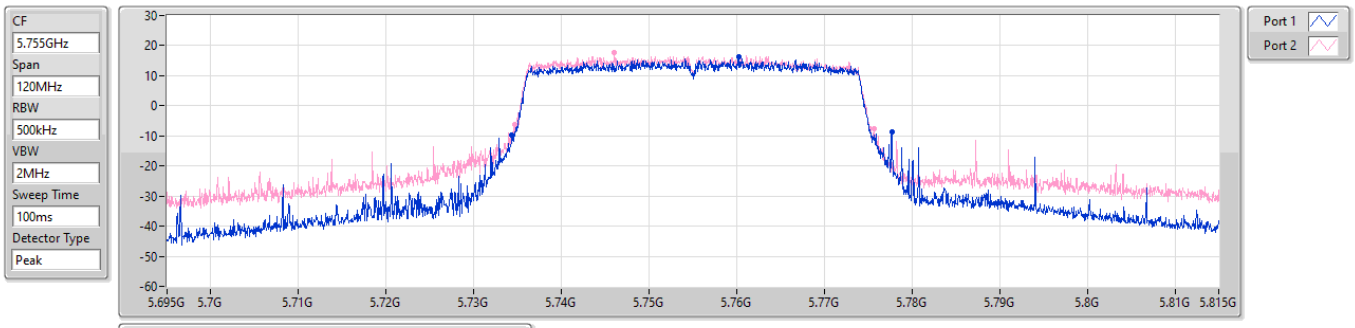


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.884M	5.736124G	5.774008G	37.716M	5.736149G	5.773865G	500k	1
35.376M	5.736124G	5.7715G	37.744M	5.736103G	5.773847G	500k	2

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

5755MHz

20/04/2023

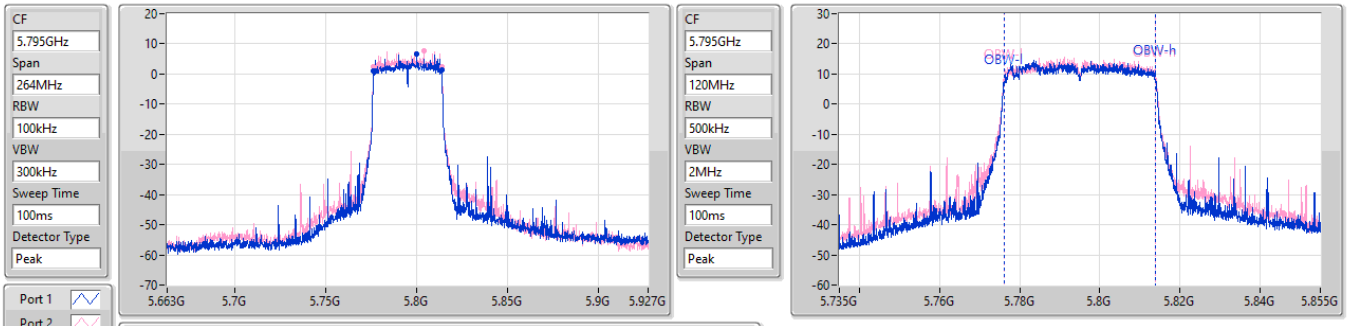


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
43.32M	5.73436G	5.77768G	Inf	1
40.98M	5.73466G	5.77564G	Inf	2

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

5795MHz

20/04/2023

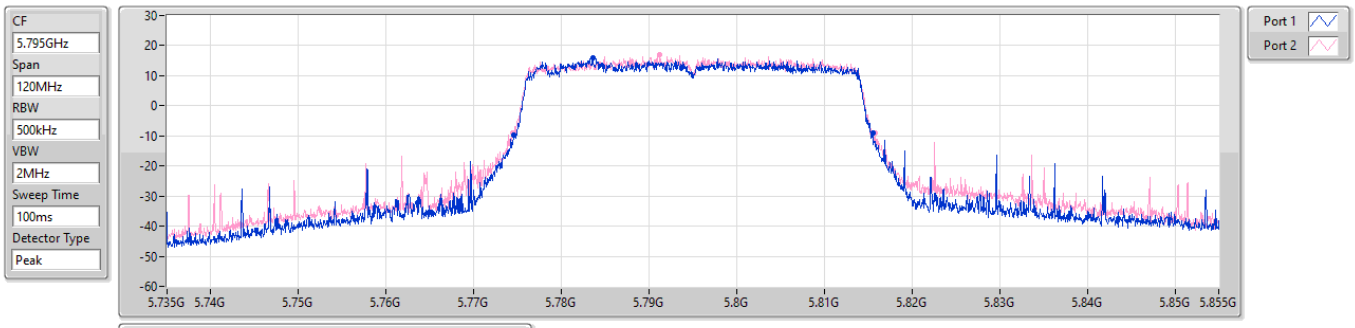


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.752M	5.776256G	5.814008G	37.638M	5.776216G	5.813854G	500k	1
37.884M	5.776124G	5.814008G	37.706M	5.776174G	5.813879G	500k	2

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

5795MHz

20/04/2023

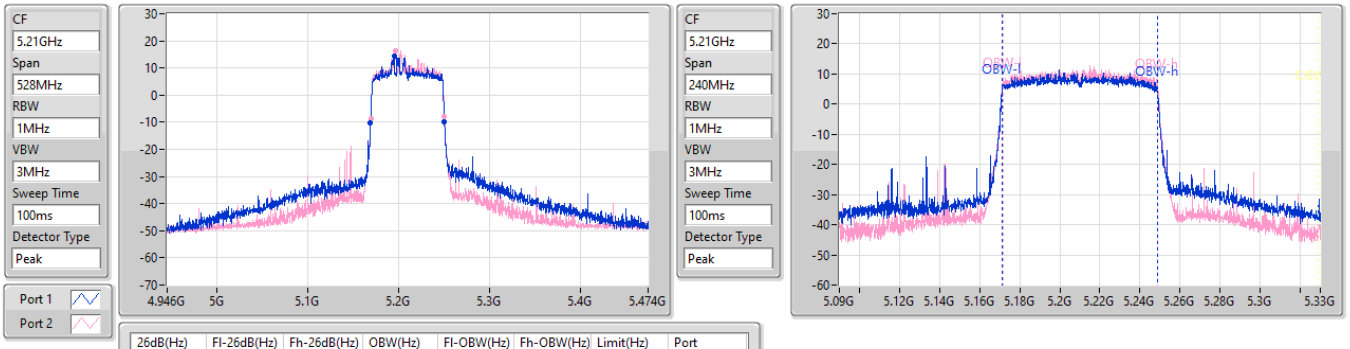


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
40.92M	5.7746G	5.81552G	Inf	1
41.28M	5.77448G	5.81576G	Inf	2

5.15-5.25GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

5210MHz

20/04/2023

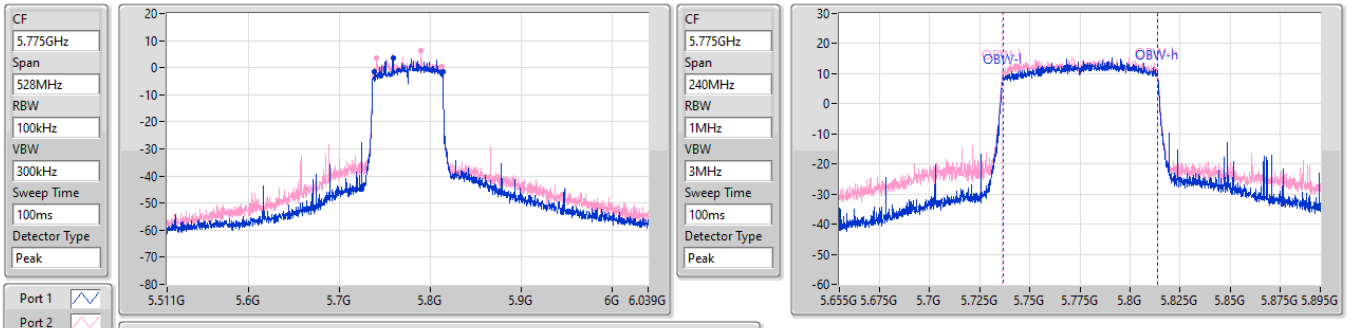


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.048M	5.169344G	5.250392G	77.112M	5.171415G	5.248527G	Inf	1
80.784M	5.169608G	5.250392G	77.016M	5.1715G	5.248517G	Inf	2

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

5775MHz

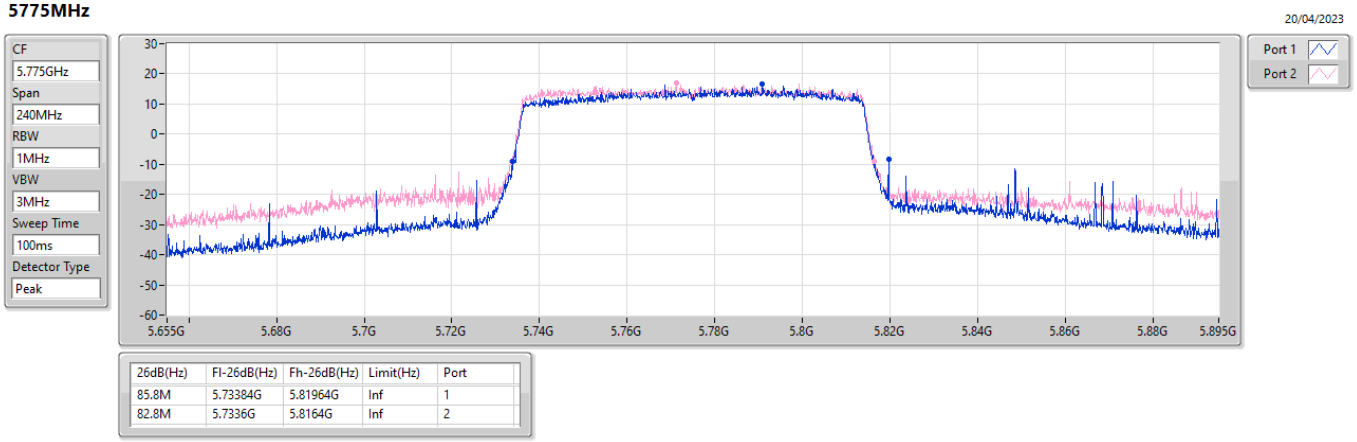
20/04/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.976M	5.738568G	5.813544G	77.025M	5.73665G	5.813676G	500k	1
71.28M	5.741208G	5.812488G	77.264M	5.736402G	5.813665G	500k	2

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

5775MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
85.8M	5.73384G	5.81964G	Inf	1
82.8M	5.7336G	5.8164G	Inf	2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	29.14	0.82035
802.11ax HEW20_Nss1,(MCS0)_2TX	29.83	0.96161
802.11ax HEW20_Nss2,(MCS0)_2TX	29.77	0.94842
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.64	0.29107
802.11ax HEW40_Nss1,(MCS0)_2TX	27.75	0.59566
802.11ax HEW40_Nss2,(MCS0)_2TX	27.70	0.58884
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	26.82	0.48084
802.11ax HEW80_Nss1,(MCS0)_2TX	24.70	0.29512
802.11ax HEW80_Nss2,(MCS0)_2TX	24.59	0.28774
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	24.49	0.28119
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	29.88	0.97275
802.11ax HEW20_Nss1,(MCS0)_2TX	29.94	0.98628
802.11ax HEW20_Nss2,(MCS0)_2TX	29.97	0.99312
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	27.36	0.54450
802.11ax HEW40_Nss1,(MCS0)_2TX	29.69	0.93111
802.11ax HEW40_Nss2,(MCS0)_2TX	29.65	0.92257
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	27.52	0.56494
802.11ax HEW80_Nss1,(MCS0)_2TX	27.29	0.53580
802.11ax HEW80_Nss2,(MCS0)_2TX	27.81	0.60395
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	27.30	0.53703

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.02	22.70	22.96	25.84	30.00
5200MHz	Pass	5.02	24.31	24.73	27.54	30.00
5240MHz	Pass	5.02	26.03	26.23	29.14	30.00
5745MHz	Pass	5.02	26.44	27.12	29.80	30.00
5785MHz	Pass	5.02	26.57	27.11	29.86	30.00
5825MHz	Pass	5.02	26.75	26.98	29.88	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.02	21.81	22.05	24.94	30.00
5200MHz	Pass	5.02	23.64	24.28	26.98	30.00
5240MHz	Pass	5.02	26.76	26.88	29.83	30.00
5745MHz	Pass	5.02	26.47	27.05	29.78	30.00
5785MHz	Pass	5.02	26.87	26.99	29.94	30.00
5825MHz	Pass	5.02	26.85	26.88	29.88	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.02	21.67	22.07	24.88	30.00
5230MHz	Pass	5.02	24.62	24.85	27.75	30.00
5755MHz	Pass	5.02	24.17	24.82	27.52	30.00
5795MHz	Pass	5.02	26.47	26.88	29.69	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.02	21.62	21.75	24.70	30.00
5775MHz	Pass	5.02	24.10	24.45	27.29	30.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.99	22.29	22.56	25.44	30.00
5200MHz	Pass	4.99	24.00	24.20	27.11	30.00
5240MHz	Pass	4.99	26.69	26.82	29.77	30.00
5745MHz	Pass	4.99	26.33	27.35	29.88	30.00
5785MHz	Pass	4.99	26.76	27.15	29.97	30.00
5825MHz	Pass	4.99	26.51	27.20	29.88	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	4.99	21.74	21.96	24.86	30.00
5230MHz	Pass	4.99	24.64	24.74	27.70	30.00
5755MHz	Pass	4.99	26.23	26.84	29.56	30.00
5795MHz	Pass	4.99	26.40	26.87	29.65	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	4.99	21.60	21.55	24.59	30.00
5775MHz	Pass	4.99	24.66	24.94	27.81	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.00	21.22	22.01	24.64	28.00
5200MHz	Pass	8.00	21.02	21.74	24.41	28.00
5240MHz	Pass	8.00	21.59	21.47	24.54	28.00
5745MHz	Pass	8.00	23.61	24.88	27.30	28.00
5785MHz	Pass	8.00	24.39	24.31	27.36	28.00
5825MHz	Pass	8.00	23.69	24.51	27.13	28.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.00	21.09	22.43	24.82	28.00
5230MHz	Pass	8.00	23.85	23.77	26.82	28.00
5755MHz	Pass	8.00	24.34	24.67	27.52	28.00
5795MHz	Pass	8.00	24.07	24.76	27.44	28.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.00	21.43	21.52	24.49	28.00
5775MHz	Pass	8.00	24.20	24.37	27.30	28.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	28.27	0.67143
802.11ax HEW20_Nss1,(MCS0)_2TX	28.54	0.71450
802.11ax HEW20_Nss2,(MCS0)_2TX	28.54	0.71450
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	25.14	0.32659
802.11ax HEW40_Nss1,(MCS0)_2TX	26.53	0.44978
802.11ax HEW40_Nss2,(MCS0)_2TX	27.00	0.50119
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	25.50	0.35481
802.11ax HEW80_Nss1,(MCS0)_2TX	22.85	0.19275
802.11ax HEW80_Nss2,(MCS0)_2TX	24.20	0.26303
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.81	0.15171
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	29.63	0.91833
802.11ax HEW20_Nss1,(MCS0)_2TX	29.77	0.94842
802.11ax HEW20_Nss2,(MCS0)_2TX	29.89	0.97499
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	25.36	0.34356
802.11ax HEW40_Nss1,(MCS0)_2TX	27.96	0.62517
802.11ax HEW40_Nss2,(MCS0)_2TX	28.18	0.65766
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	25.79	0.37931
802.11ax HEW80_Nss1,(MCS0)_2TX	26.41	0.43752
802.11ax HEW80_Nss2,(MCS0)_2TX	26.93	0.49317
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	24.50	0.28184

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.50	22.74	23.96	26.40	30.00
5200MHz	Pass	3.50	23.76	25.07	27.47	30.00
5240MHz	Pass	3.50	24.45	25.95	28.27	30.00
5745MHz	Pass	3.77	26.06	27.11	29.63	30.00
5785MHz	Pass	3.77	25.83	27.05	29.49	30.00
5825MHz	Pass	3.77	25.91	26.89	29.44	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.50	22.77	24.19	26.55	30.00
5200MHz	Pass	3.50	24.08	25.36	27.78	30.00
5240MHz	Pass	3.50	24.70	26.22	28.54	30.00
5745MHz	Pass	3.77	26.14	27.31	29.77	30.00
5785MHz	Pass	3.77	25.61	27.02	29.38	30.00
5825MHz	Pass	3.77	25.91	26.85	29.42	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.50	20.53	21.77	24.20	30.00
5230MHz	Pass	3.50	22.88	24.07	26.53	30.00
5755MHz	Pass	3.77	24.38	25.45	27.96	30.00
5795MHz	Pass	3.77	24.13	25.29	27.76	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.50	19.22	20.39	22.85	30.00
5775MHz	Pass	3.77	22.74	23.98	26.41	30.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.47	23.42	24.57	27.04	30.00
5200MHz	Pass	3.47	24.13	25.33	27.78	30.00
5240MHz	Pass	3.47	24.80	26.16	28.54	30.00
5745MHz	Pass	3.74	26.16	27.49	29.89	30.00
5785MHz	Pass	3.74	25.61	26.95	29.34	30.00
5825MHz	Pass	3.74	25.91	26.97	29.48	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.47	21.44	22.74	25.15	30.00
5230MHz	Pass	3.47	23.35	24.54	27.00	30.00
5755MHz	Pass	3.74	24.30	25.89	28.18	30.00
5795MHz	Pass	3.74	24.32	25.39	27.90	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.47	20.54	21.75	24.20	30.00
5775MHz	Pass	3.74	23.26	24.49	26.93	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.48	19.98	21.10	23.59	29.52
5200MHz	Pass	6.48	21.39	22.77	25.14	29.52
5240MHz	Pass	6.48	20.98	22.23	24.66	29.52
5745MHz	Pass	6.75	21.42	23.12	25.36	29.25
5785MHz	Pass	6.75	20.74	22.61	24.79	29.25
5825MHz	Pass	6.75	21.29	23.12	25.31	29.25
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.48	18.72	19.68	22.24	29.52
5230MHz	Pass	6.48	21.98	22.94	25.50	29.52
5755MHz	Pass	6.75	21.95	23.48	25.79	29.25
5795MHz	Pass	6.75	21.94	23.05	25.54	29.25
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.48	18.17	19.35	21.81	29.52
5775MHz	Pass	6.75	20.90	22.00	24.50	29.25

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	14.90
802.11ax HEW20_Nss1,(MCS0)_2TX	14.62
802.11ax HEW20_Nss2,(MCS0)_2TX	14.45
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	11.04
802.11ax HEW40_Nss1,(MCS0)_2TX	10.16
802.11ax HEW40_Nss2,(MCS0)_2TX	10.20
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	10.35
802.11ax HEW80_Nss1,(MCS0)_2TX	4.36
802.11ax HEW80_Nss2,(MCS0)_2TX	4.50
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	5.37
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	14.03
802.11ax HEW20_Nss1,(MCS0)_2TX	13.40
802.11ax HEW20_Nss2,(MCS0)_2TX	13.36
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	12.34
802.11ax HEW40_Nss1,(MCS0)_2TX	10.22
802.11ax HEW40_Nss2,(MCS0)_2TX	10.19
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	9.44
802.11ax HEW80_Nss1,(MCS0)_2TX	5.62
802.11ax HEW80_Nss2,(MCS0)_2TX	6.03
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	6.39

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

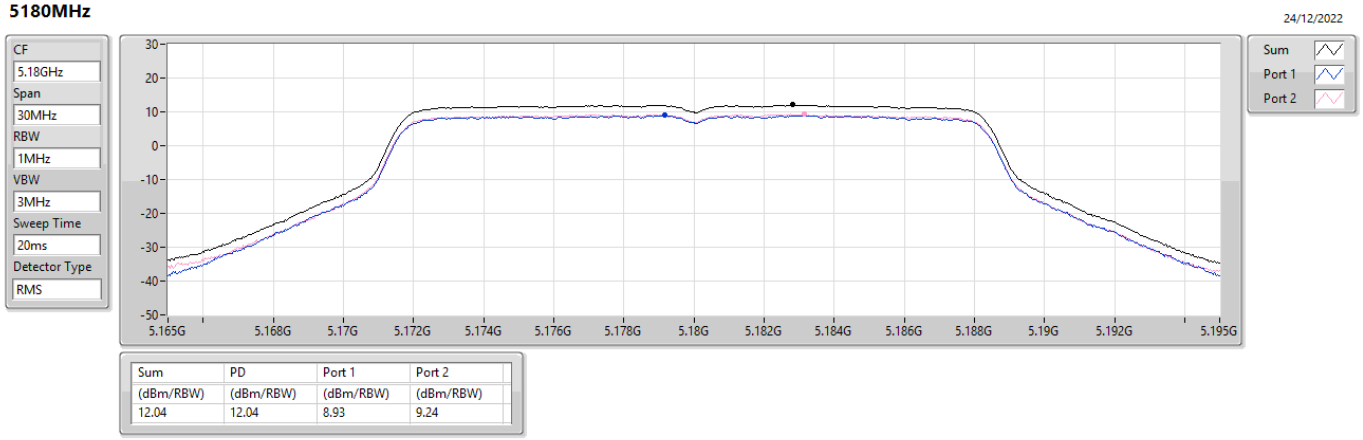
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.00	8.93	9.24	12.04	15.00
5200MHz	Pass	8.00	10.59	10.96	13.72	15.00
5240MHz	Pass	8.00	11.90	12.00	14.90	15.00
5745MHz	Pass	8.00	10.77	11.34	13.97	28.00
5785MHz	Pass	8.00	10.92	11.25	13.89	28.00
5825MHz	Pass	8.00	11.01	11.37	14.03	28.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.00	7.27	7.65	10.38	15.00
5200MHz	Pass	8.00	9.56	9.75	12.60	15.00
5240MHz	Pass	8.00	11.70	11.81	14.62	15.00
5745MHz	Pass	8.00	10.07	10.45	13.12	28.00
5785MHz	Pass	8.00	10.31	10.68	13.39	28.00
5825MHz	Pass	8.00	10.26	10.67	13.40	28.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.00	4.50	4.82	7.50	15.00
5230MHz	Pass	8.00	7.25	7.38	10.16	15.00
5755MHz	Pass	8.00	5.41	5.95	8.62	28.00
5795MHz	Pass	8.00	7.20	7.45	10.22	28.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.00	1.37	1.53	4.36	15.00
5775MHz	Pass	8.00	2.42	2.89	5.62	28.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.99	7.63	7.97	10.73	17.00
5200MHz	Pass	4.99	9.45	9.71	12.49	17.00
5240MHz	Pass	4.99	11.52	11.52	14.45	17.00
5745MHz	Pass	4.99	9.74	10.41	13.08	30.00
5785MHz	Pass	4.99	10.06	10.34	13.12	30.00
5825MHz	Pass	4.99	10.33	10.61	13.36	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	4.99	4.53	4.73	7.57	17.00
5230MHz	Pass	4.99	7.24	7.34	10.20	17.00
5755MHz	Pass	4.99	6.88	7.45	10.07	30.00
5795MHz	Pass	4.99	7.10	7.38	10.19	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	4.99	1.52	1.53	4.50	17.00
5775MHz	Pass	4.99	3.03	3.22	6.03	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.00	7.64	8.39	10.96	15.00
5200MHz	Pass	8.00	7.77	8.45	11.02	15.00
5240MHz	Pass	8.00	8.21	8.01	11.04	15.00
5745MHz	Pass	8.00	9.24	9.71	12.34	28.00
5785MHz	Pass	8.00	9.37	9.16	12.18	28.00
5825MHz	Pass	8.00	8.95	9.27	12.03	28.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.00	5.16	5.96	8.52	15.00
5230MHz	Pass	8.00	7.50	7.31	10.35	15.00
5755MHz	Pass	8.00	6.38	6.54	9.44	28.00
5795MHz	Pass	8.00	6.14	6.60	9.30	28.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.00	2.34	2.78	5.37	15.00
5775MHz	Pass	8.00	3.45	3.64	6.39	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;

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

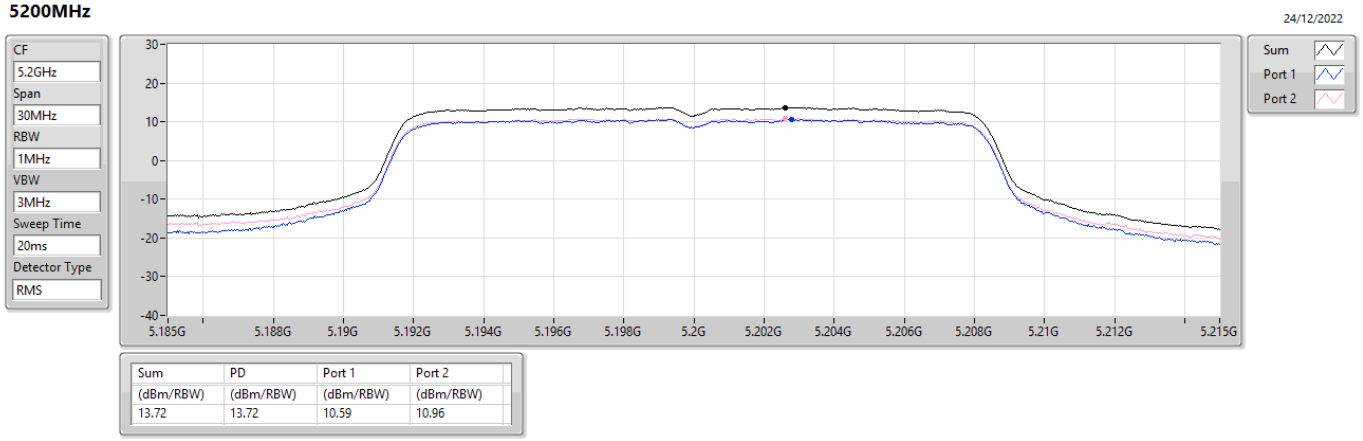
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.04	12.04	8.93	9.24

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

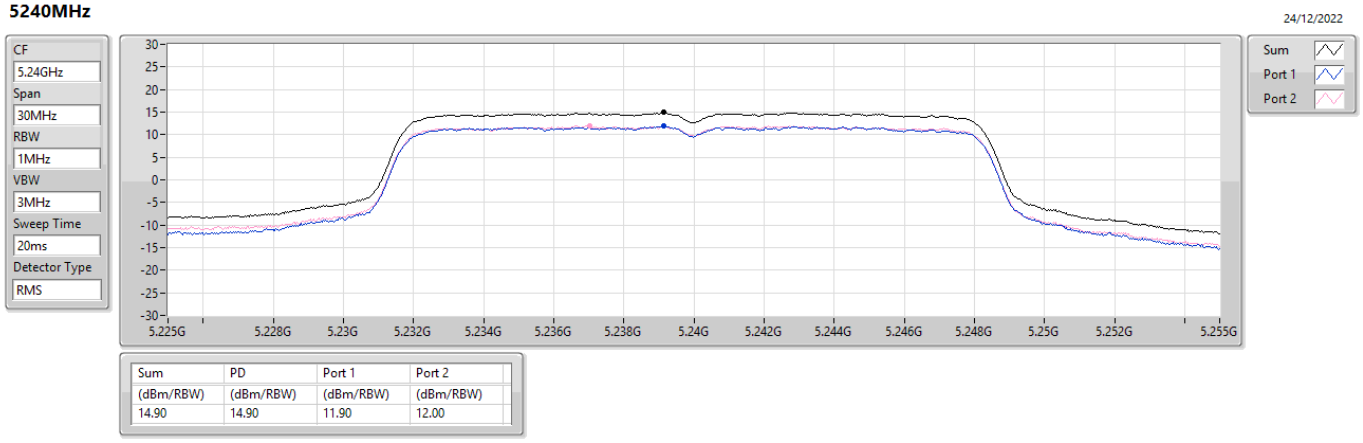
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.72	13.72	10.59	10.96

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

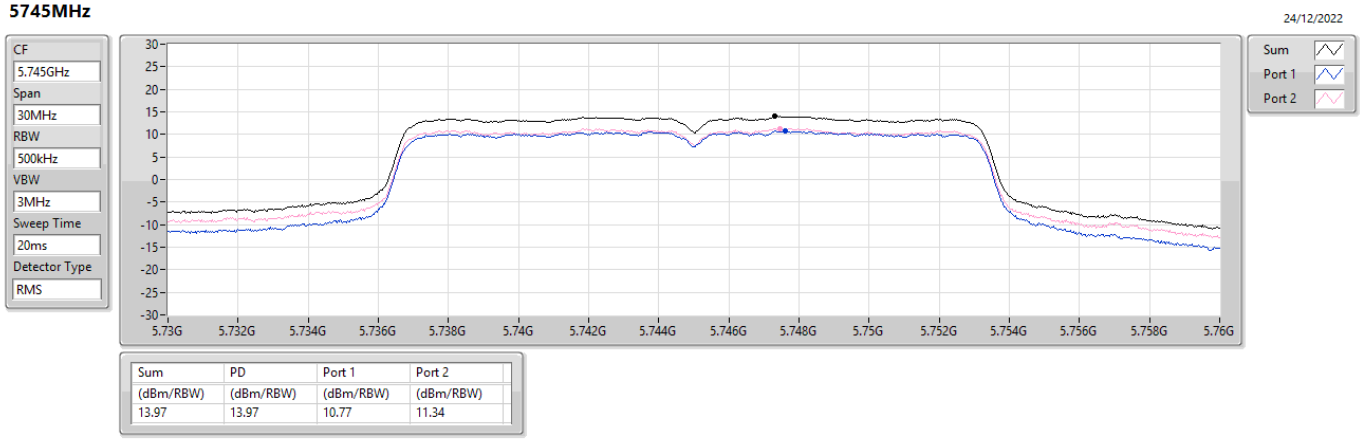
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.90	14.90	11.90	12.00

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

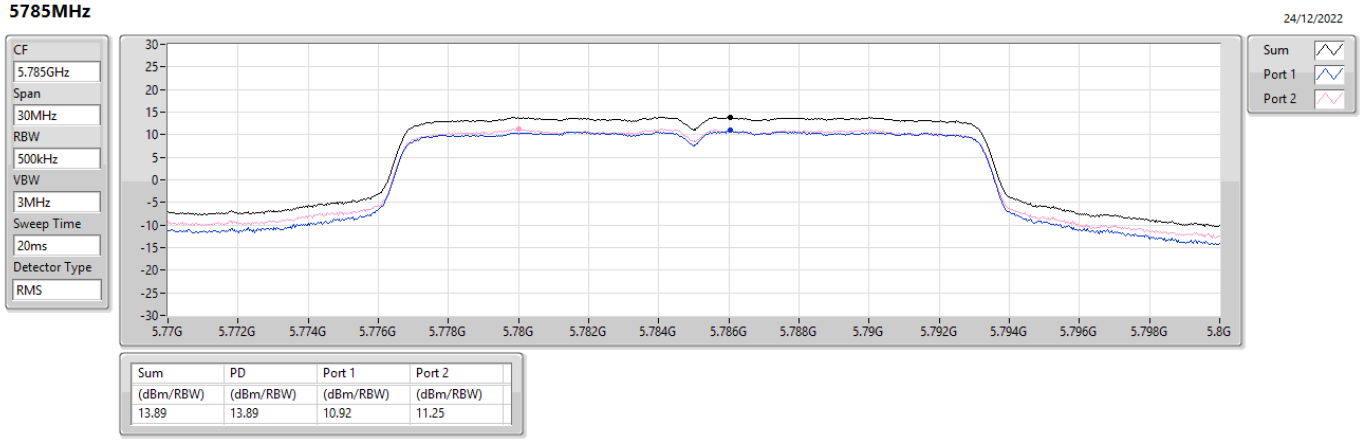
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.97	13.97	10.77	11.34

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

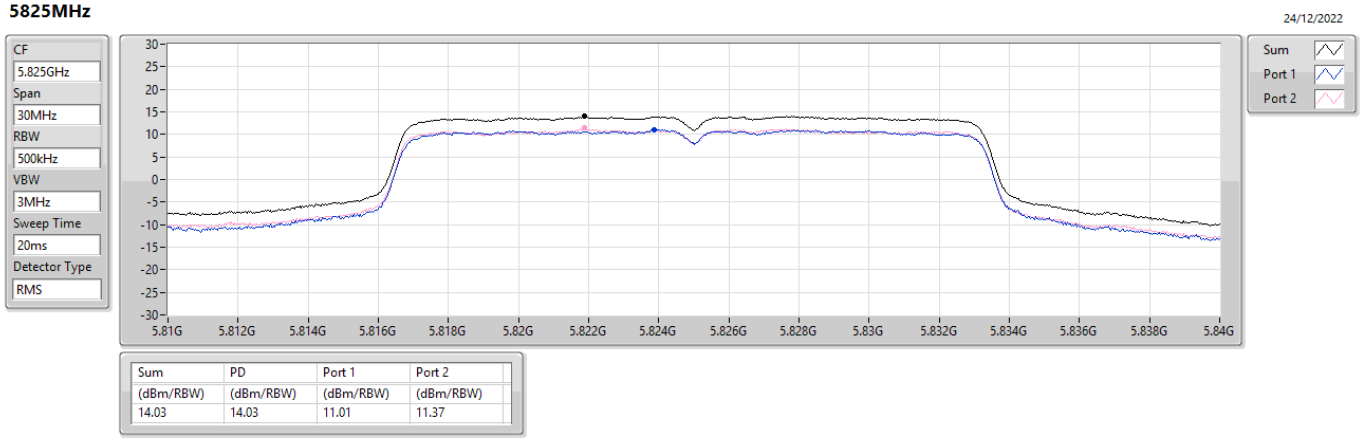
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.89	13.89	10.92	11.25

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

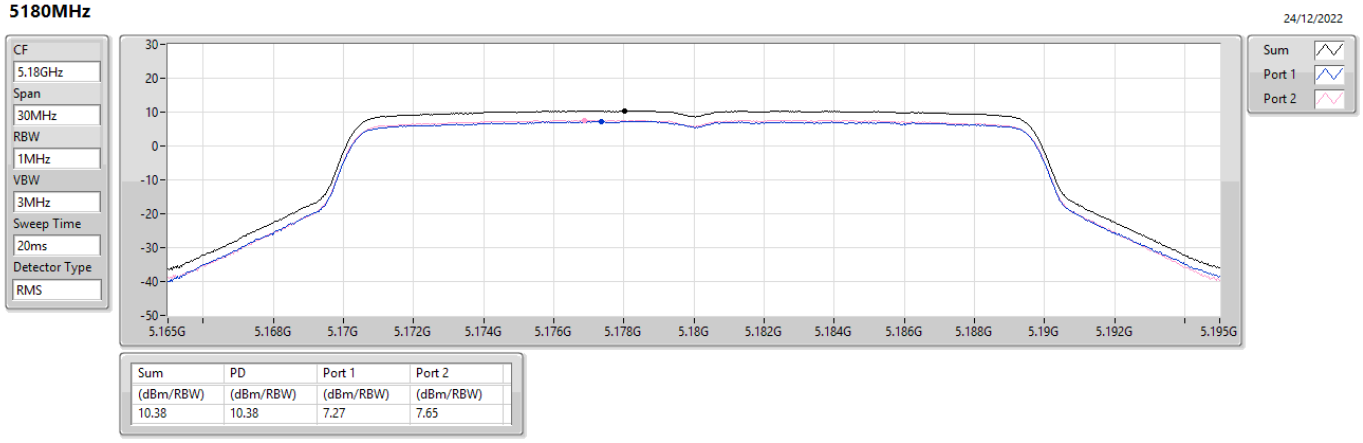
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.03	14.03	11.01	11.37

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

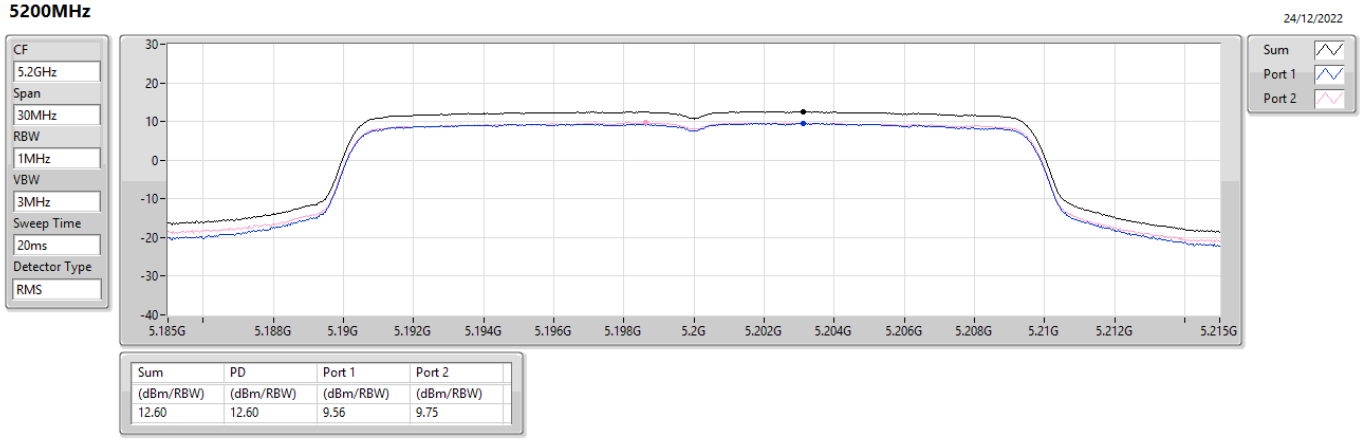
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.38	10.38	7.27	7.65

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

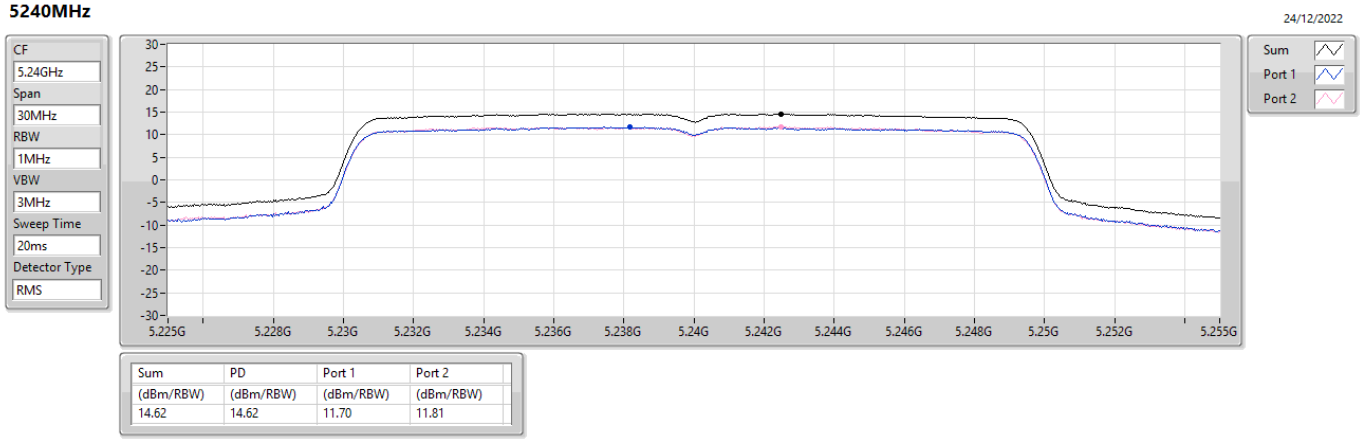
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.60	12.60	9.56	9.75

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

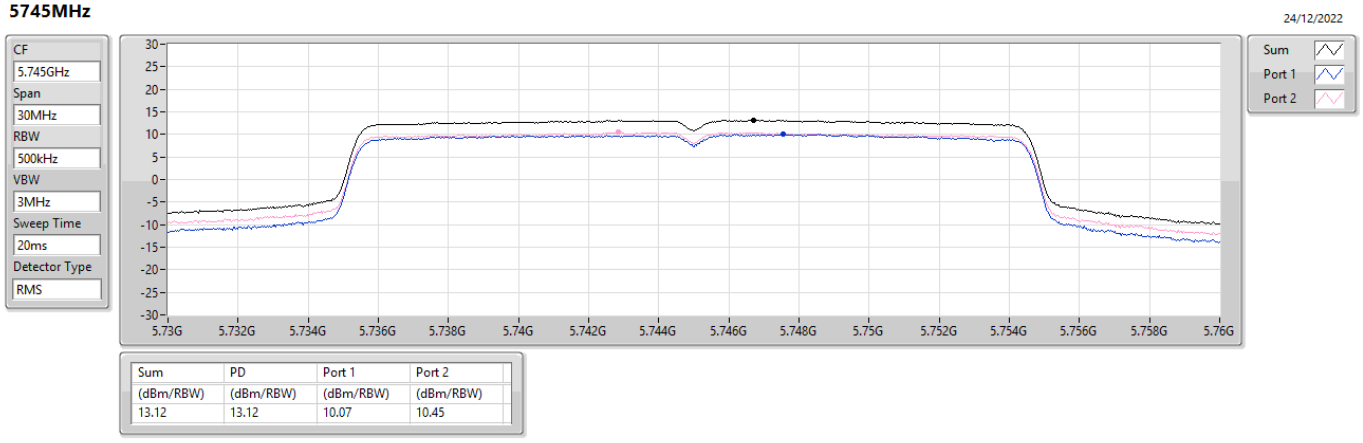
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.62	14.62	11.70	11.81

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

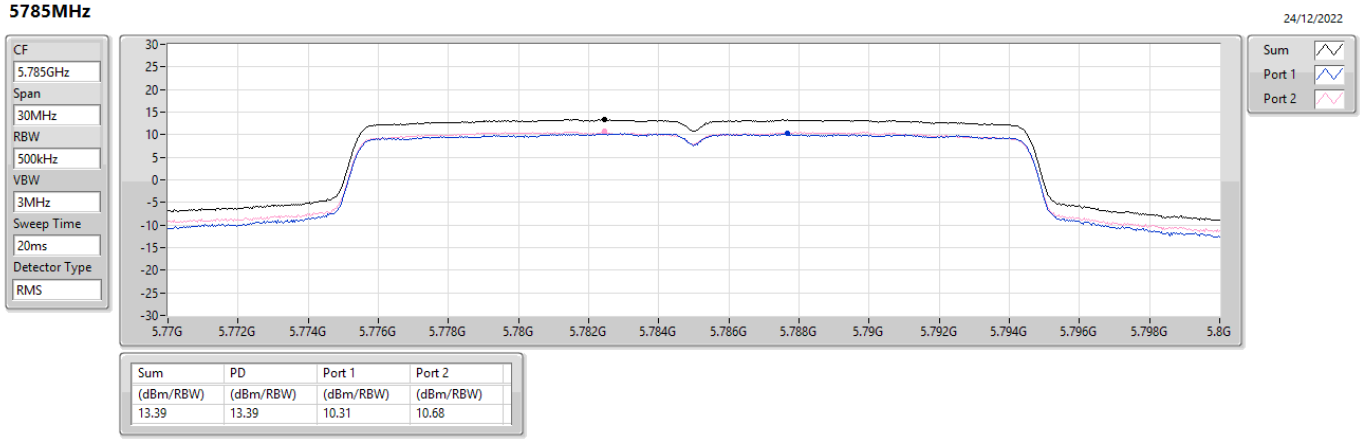
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.12	13.12	10.07	10.45

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

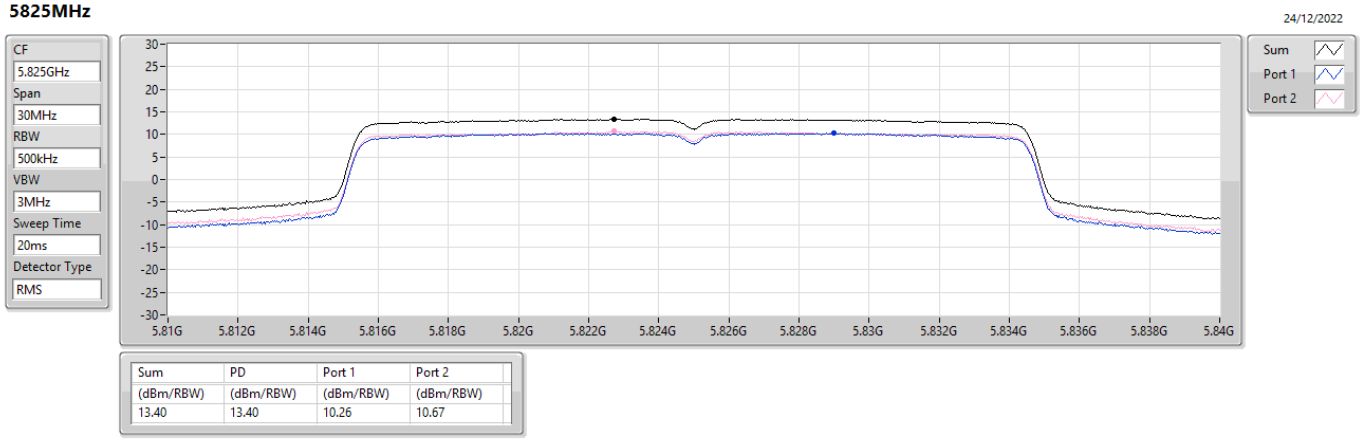
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.39	13.39	10.31	10.68

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

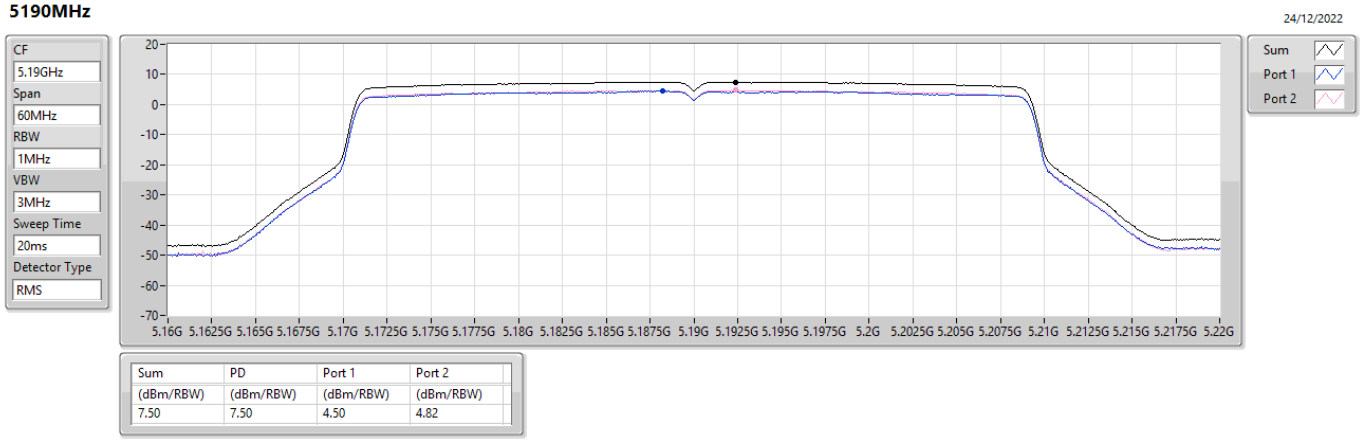
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.40	13.40	10.26	10.67

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

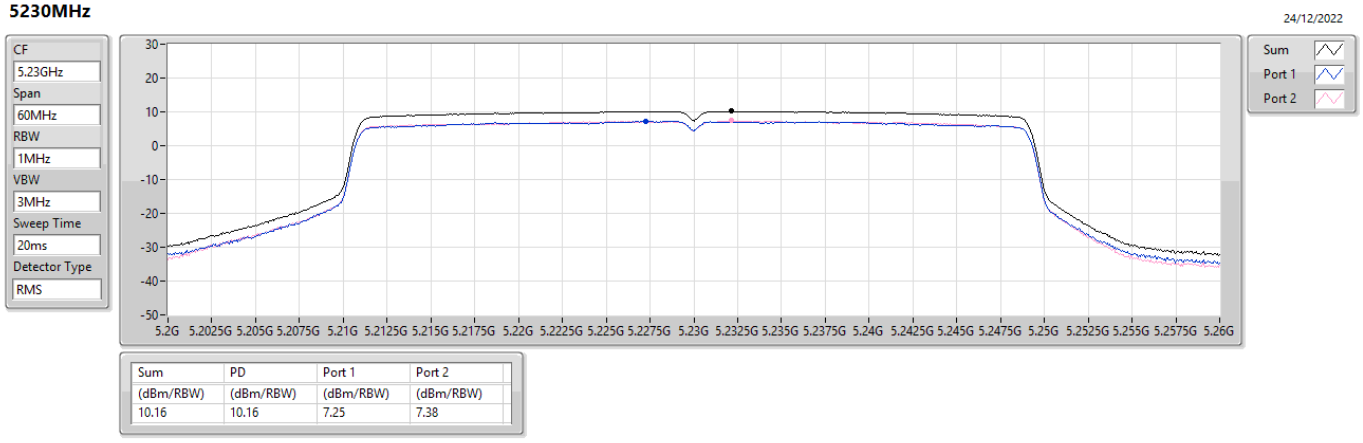
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.50	7.50	4.50	4.82

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

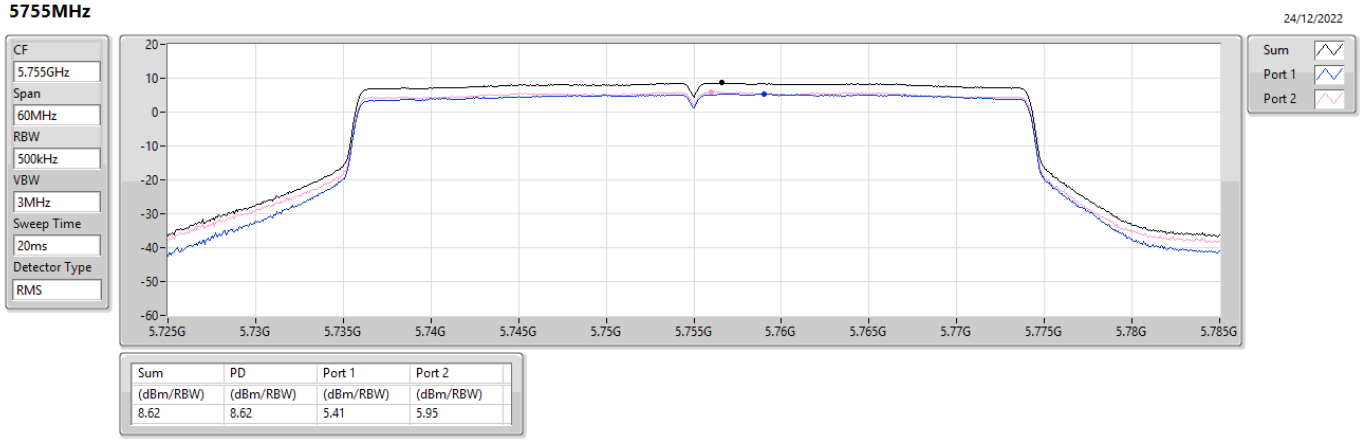
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.16	10.16	7.25	7.38

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

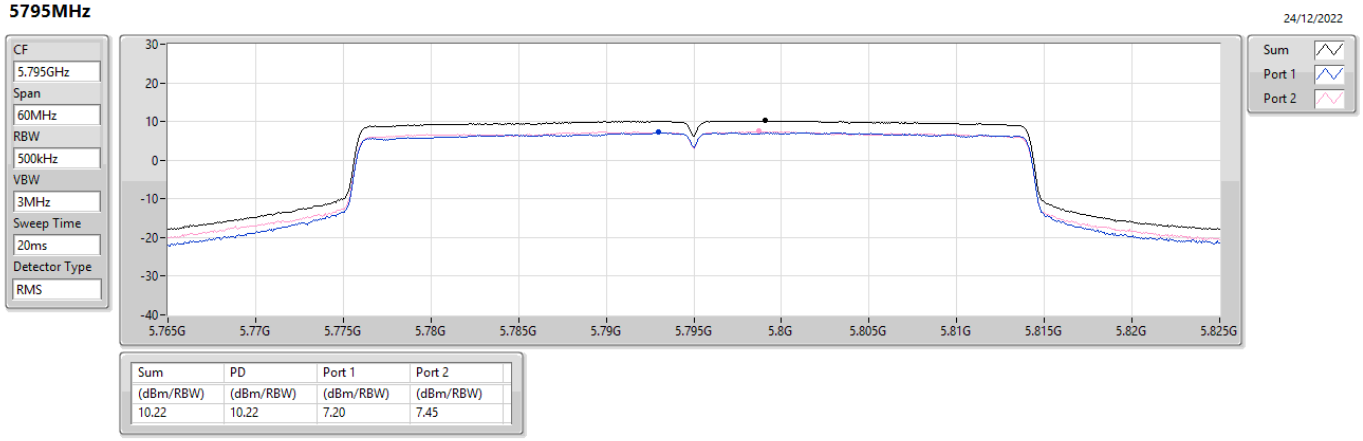
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.62	8.62	5.41	5.95

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

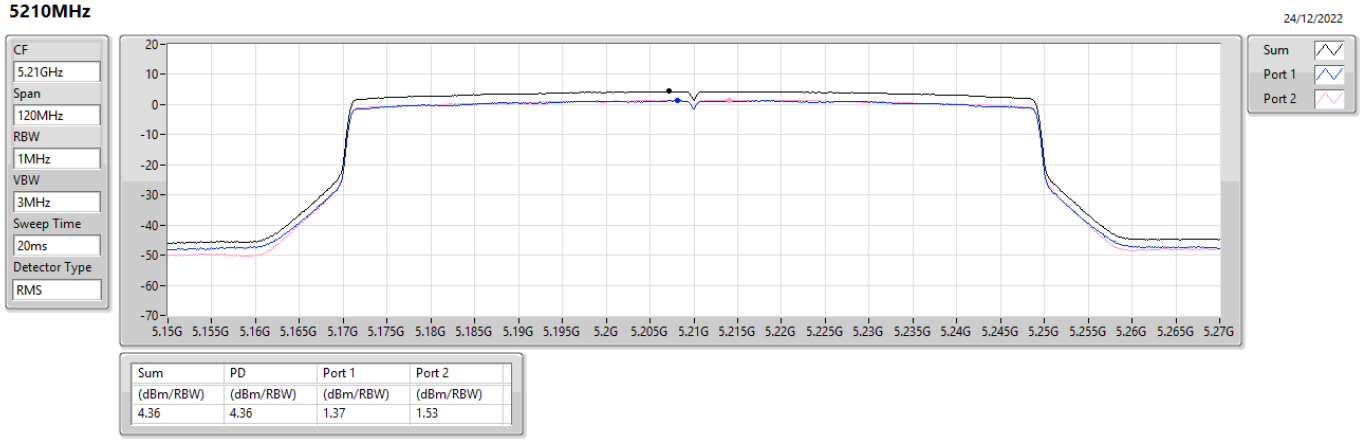
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.22	10.22	7.20	7.45

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **PSD**

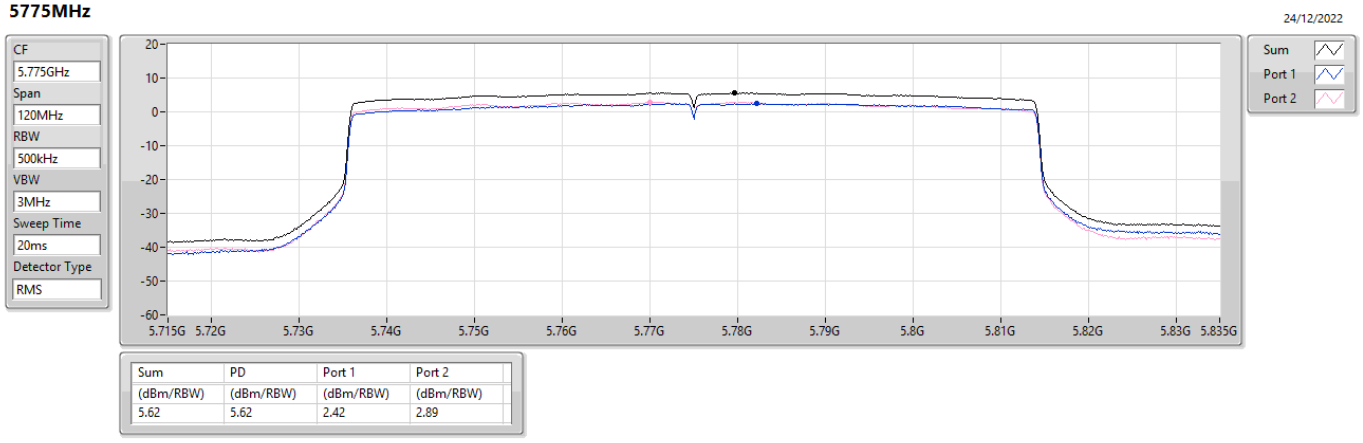
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.36	4.36	1.37	1.53

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

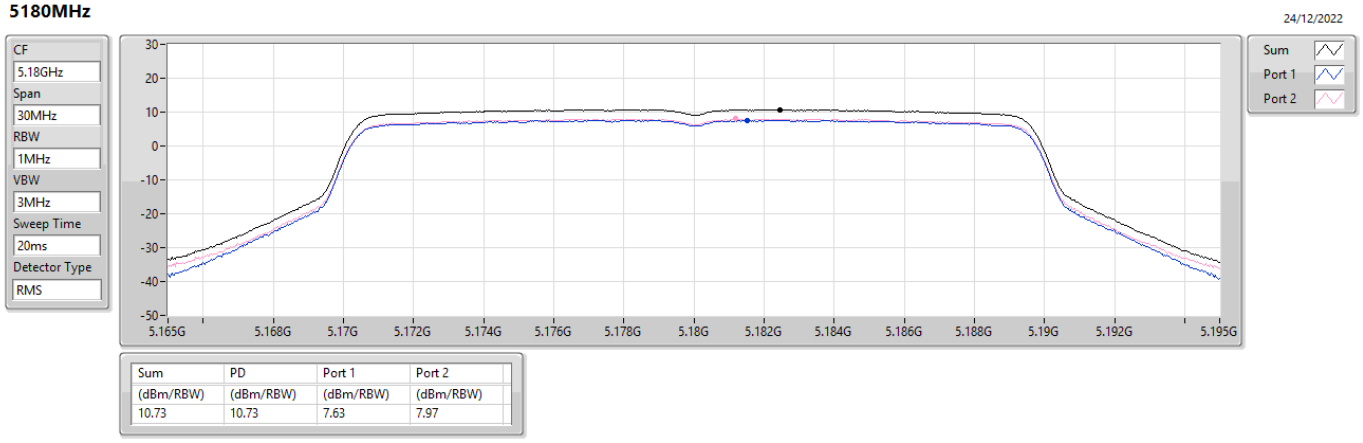
5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.62	5.62	2.42	2.89

5.15-5.25GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

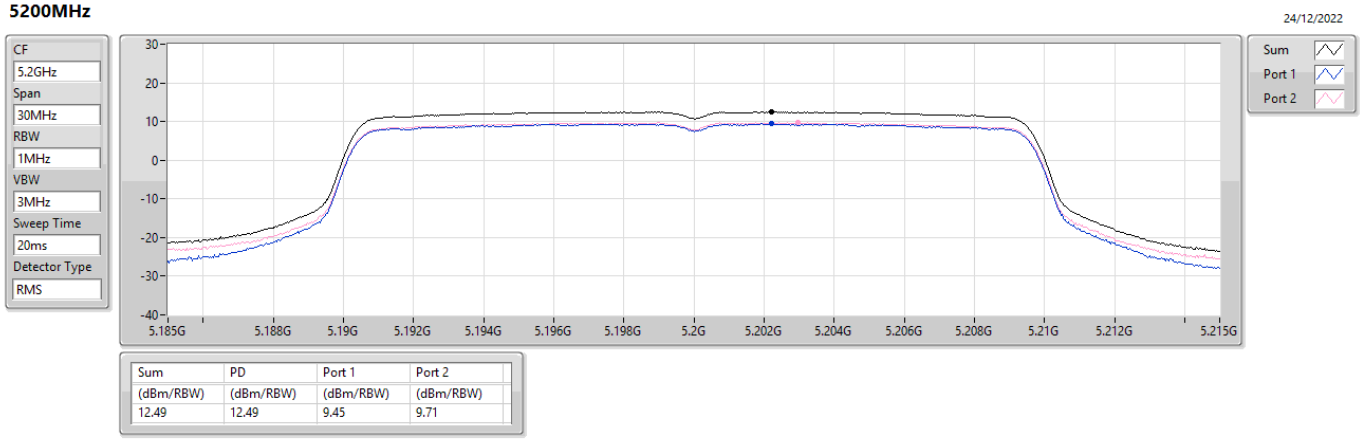
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.73	10.73	7.63	7.97

5.15-5.25GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

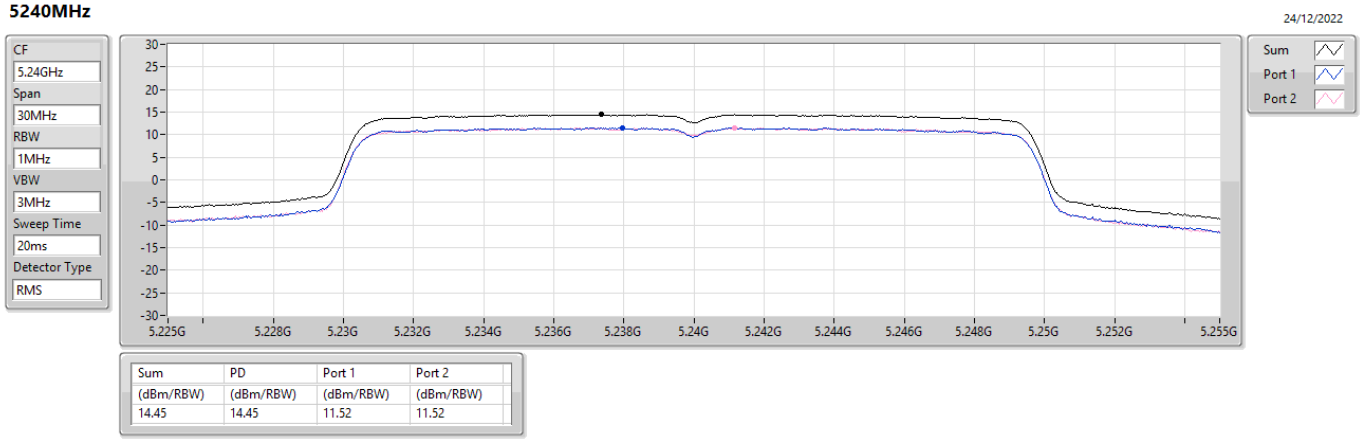
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.49	12.49	9.45	9.71

5.15-5.25GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

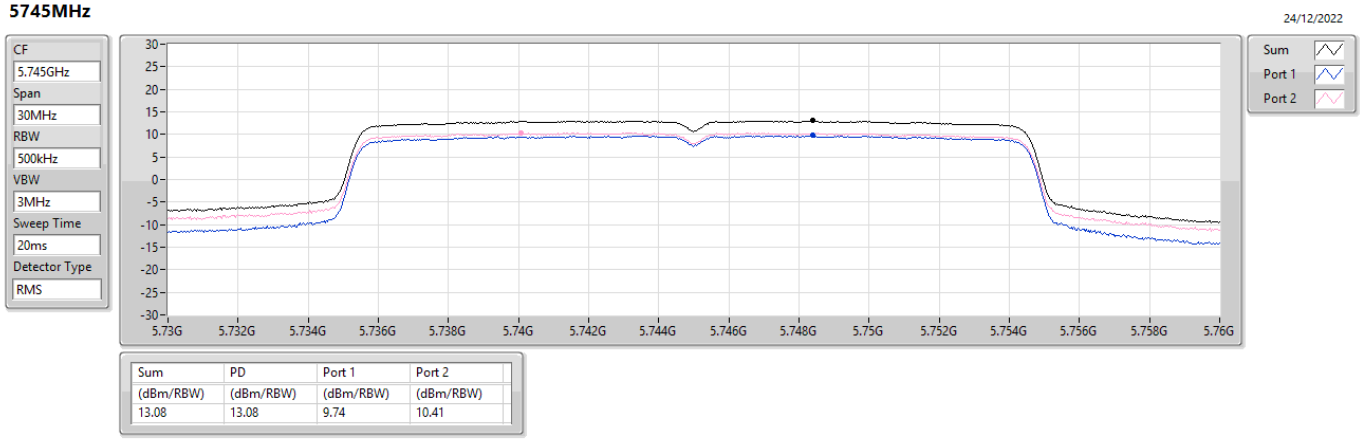
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.45	14.45	11.52	11.52

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

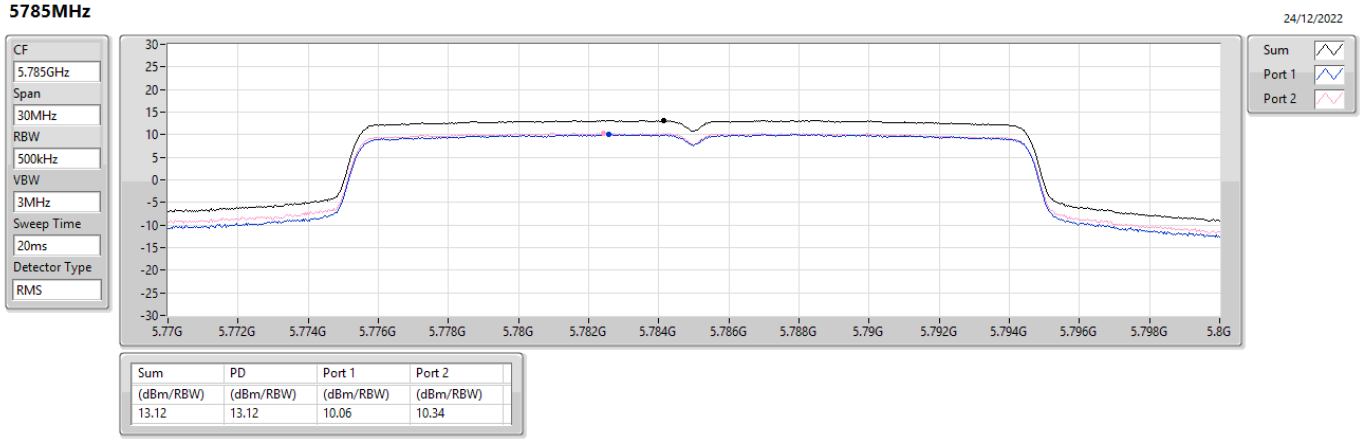
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.08	13.08	9.74	10.41

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

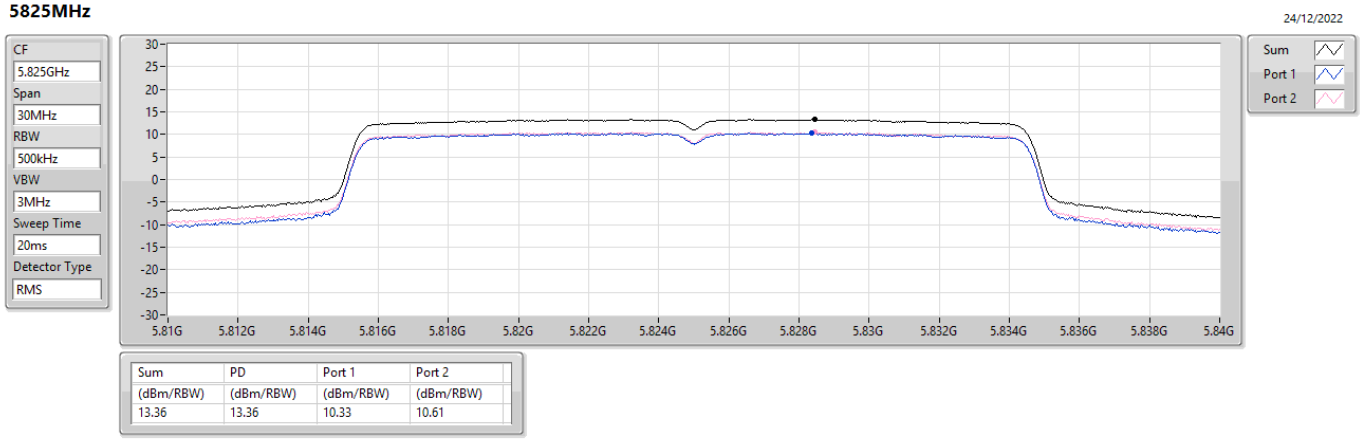
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.12	13.12	10.06	10.34

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

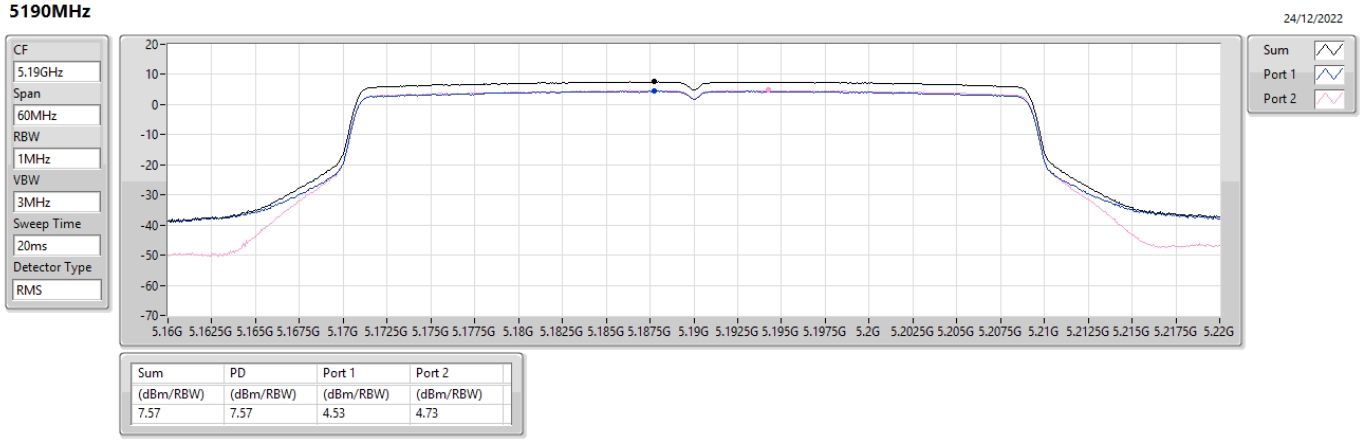
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.36	13.36	10.33	10.61

5.15-5.25GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

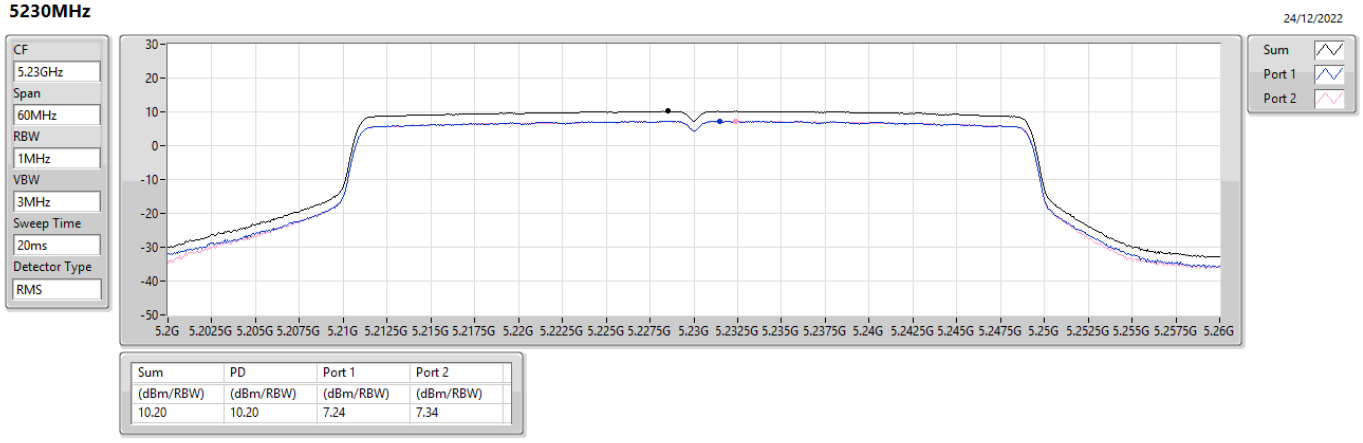
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.57	7.57	4.53	4.73

5.15-5.25GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

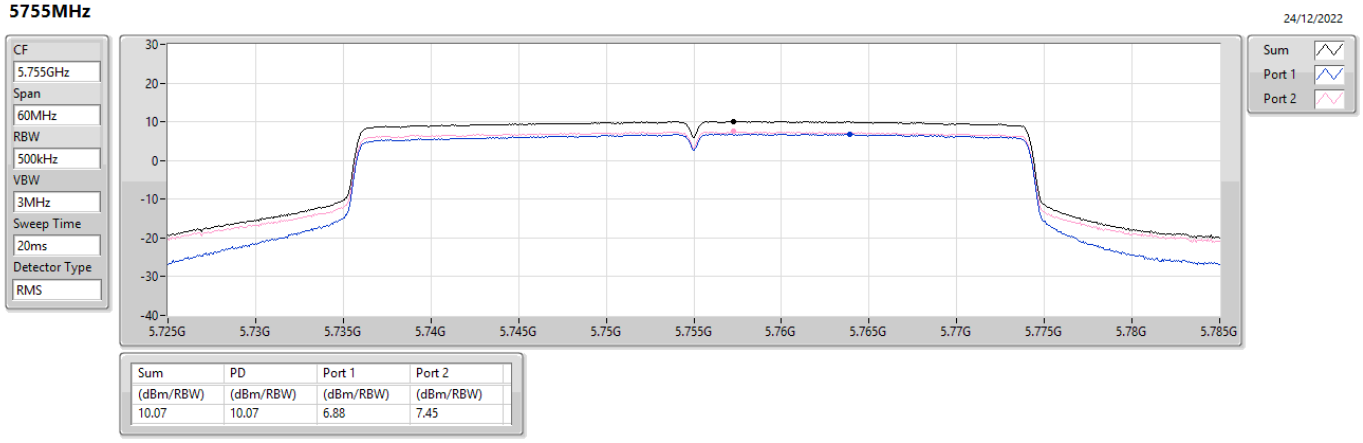
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.20	10.20	7.24	7.34

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

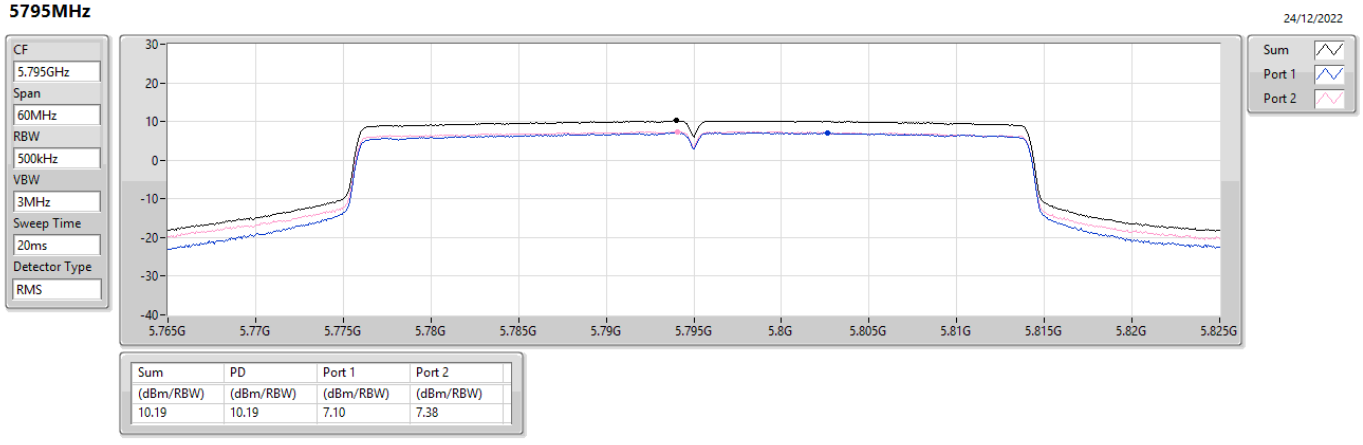
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.07	10.07	6.88	7.45

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

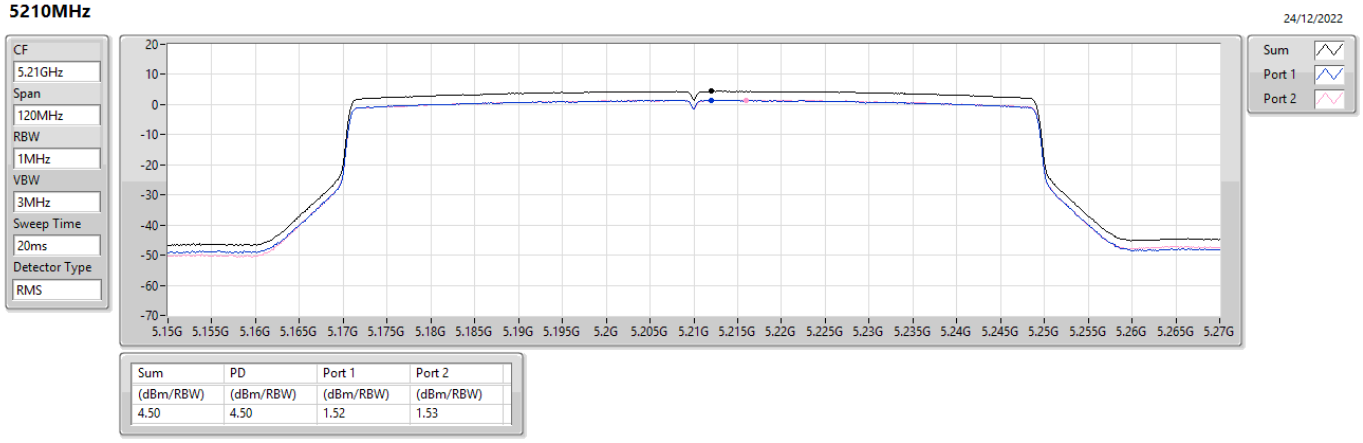
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.19	10.19	7.10	7.38

5.15-5.25GHz_802.11ax HEW80_Nss2,(MCS0)_2TX **PSD**

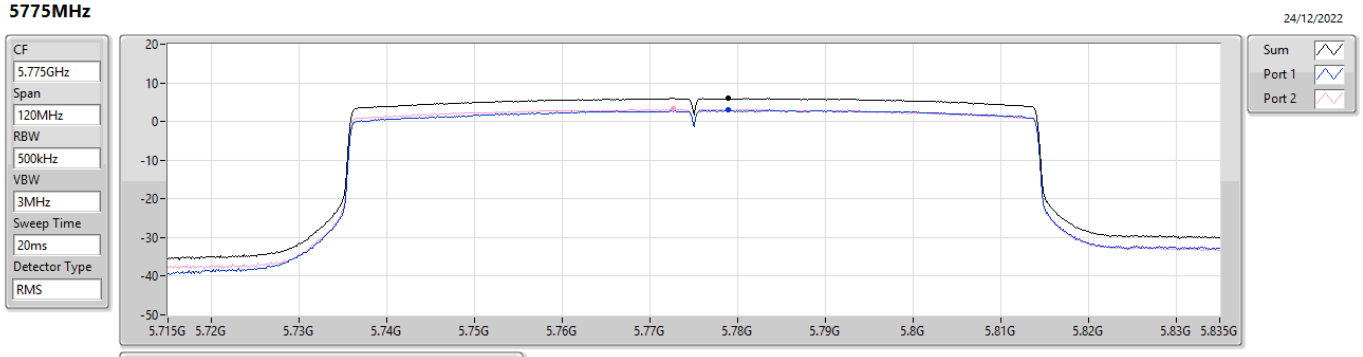
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.50	4.50	1.52	1.53

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

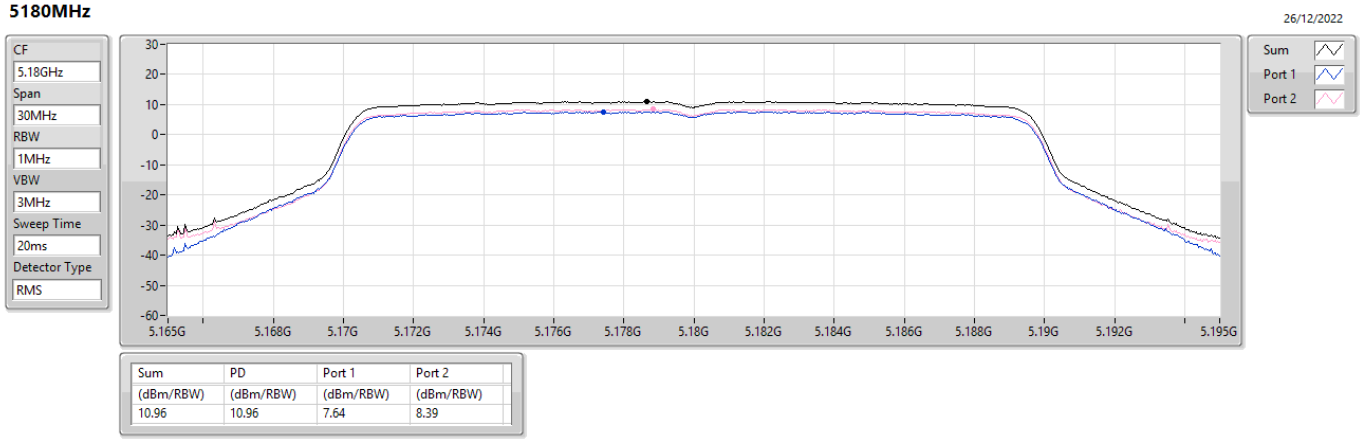
5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.03	6.03	3.03	3.22

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

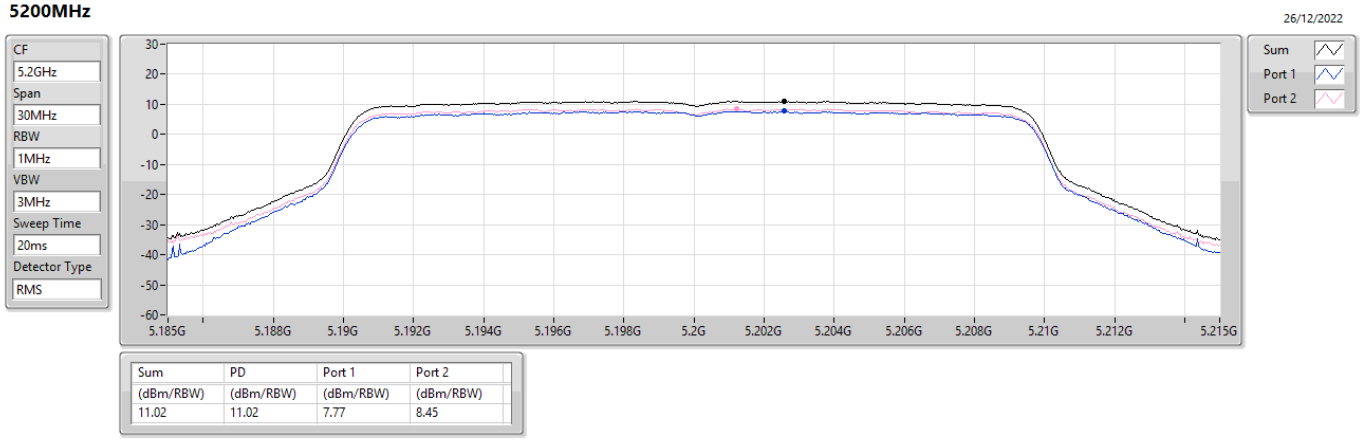
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.96	10.96	7.64	8.39

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

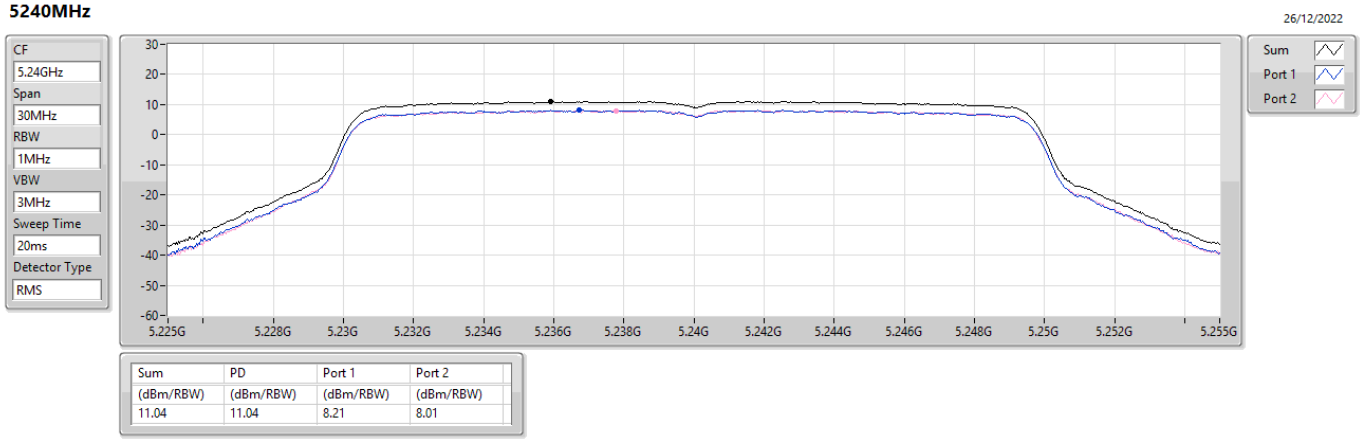
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.02	11.02	7.77	8.45

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

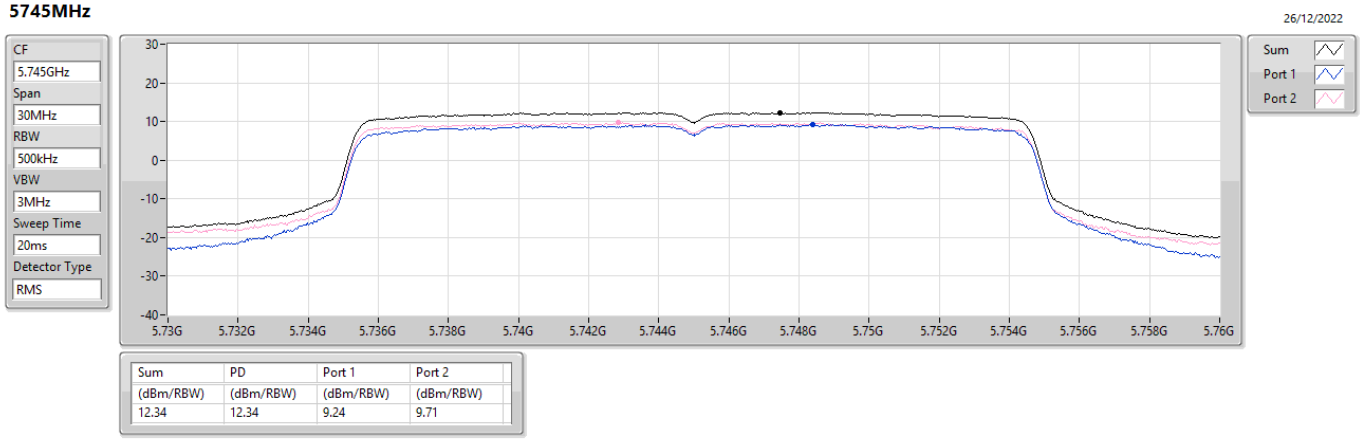
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.04	11.04	8.21	8.01

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

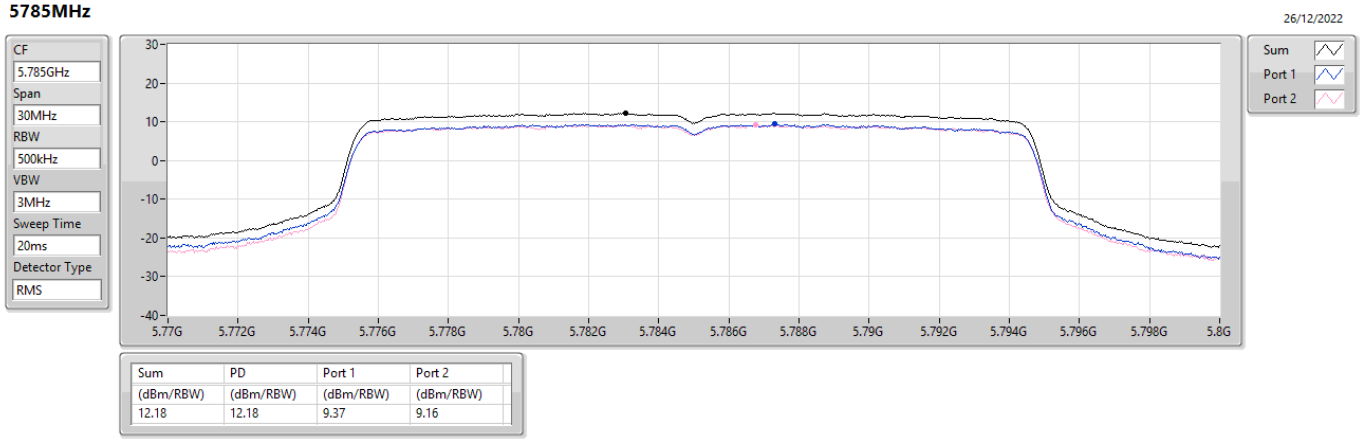
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.34	12.34	9.24	9.71

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

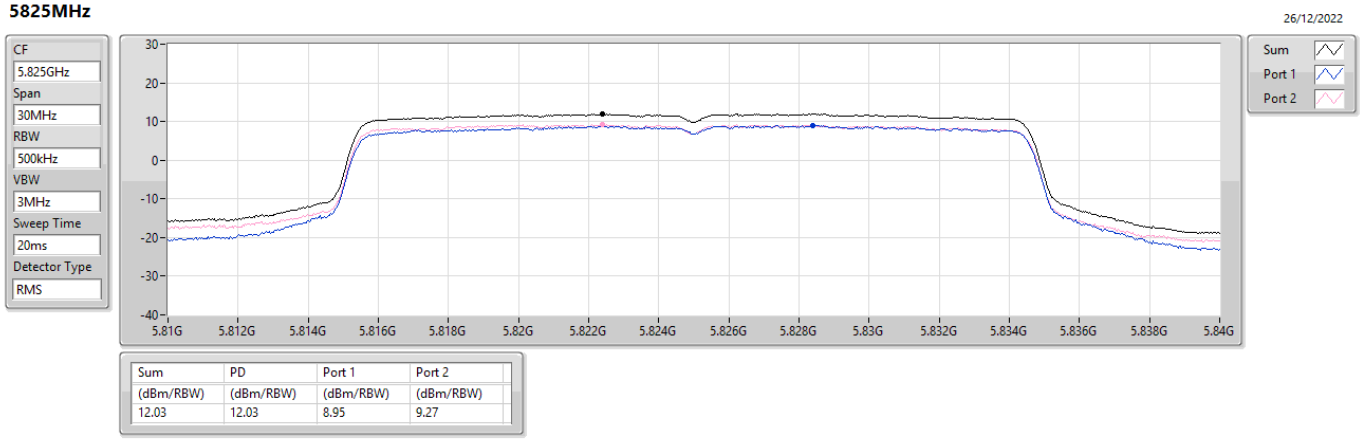
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.18	12.18	9.37	9.16

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

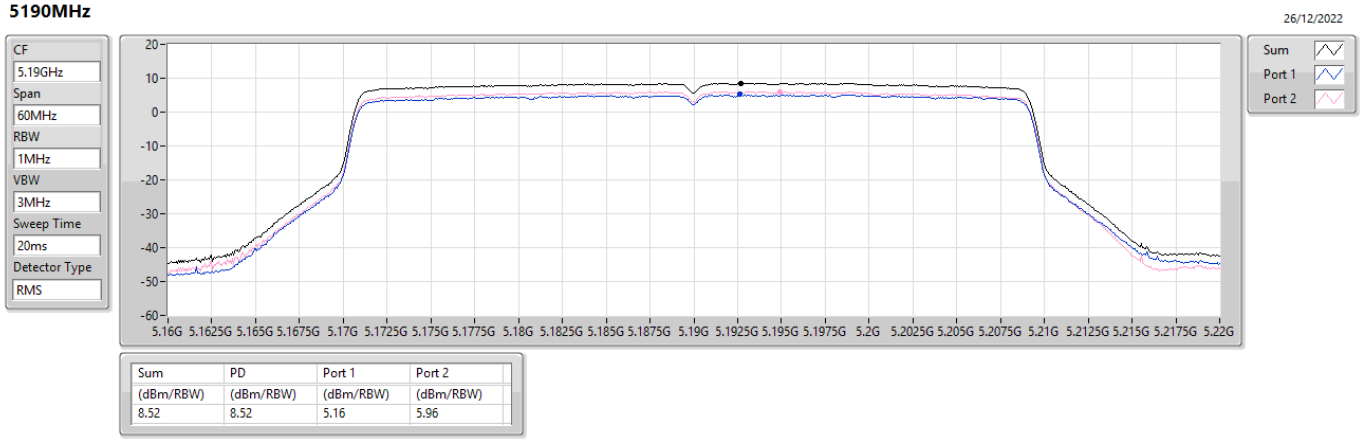
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.03	12.03	8.95	9.27

5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

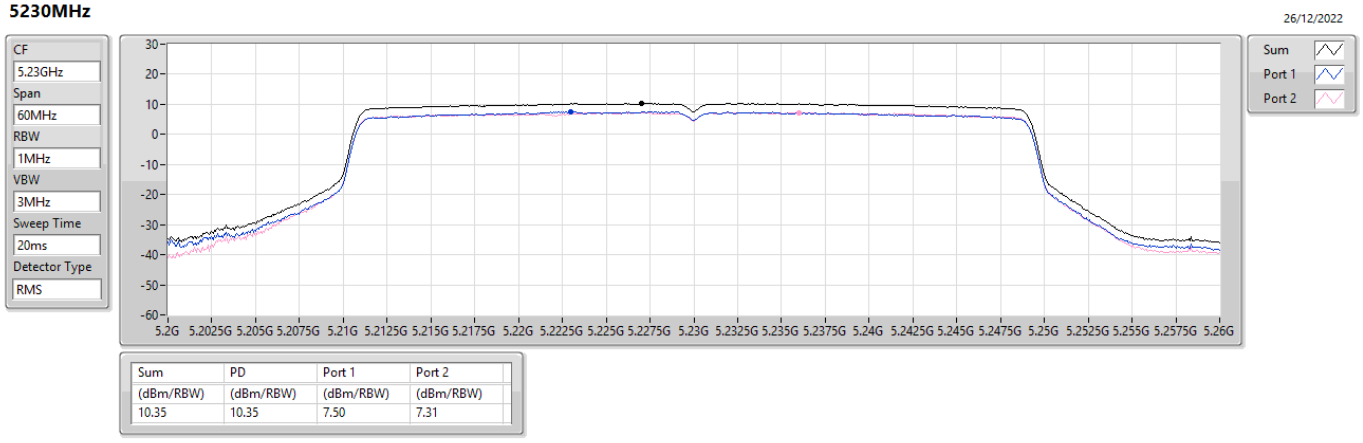
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.52	8.52	5.16	5.96

5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

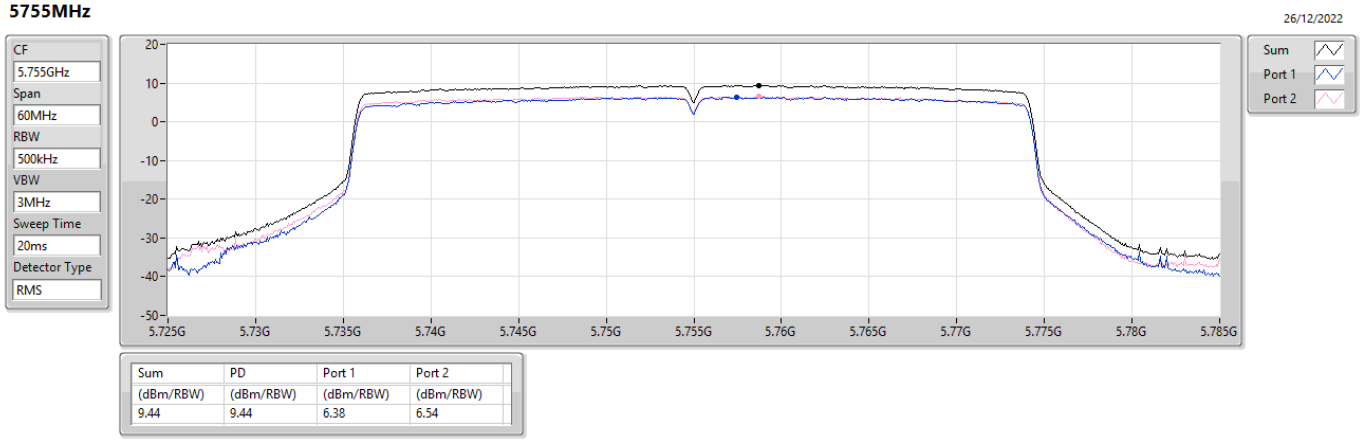
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.35	10.35	7.50	7.31

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

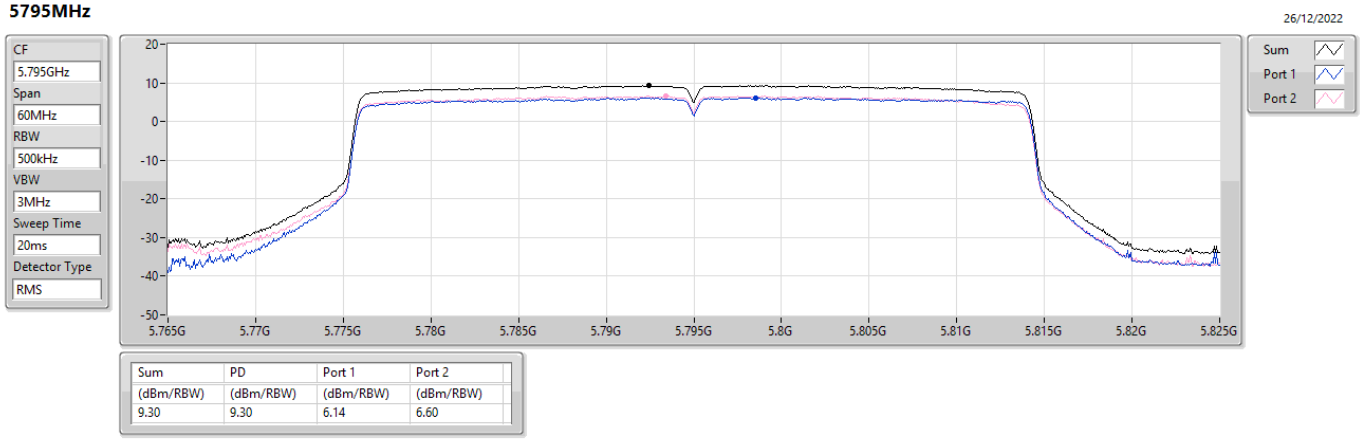
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.44	9.44	6.38	6.54

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

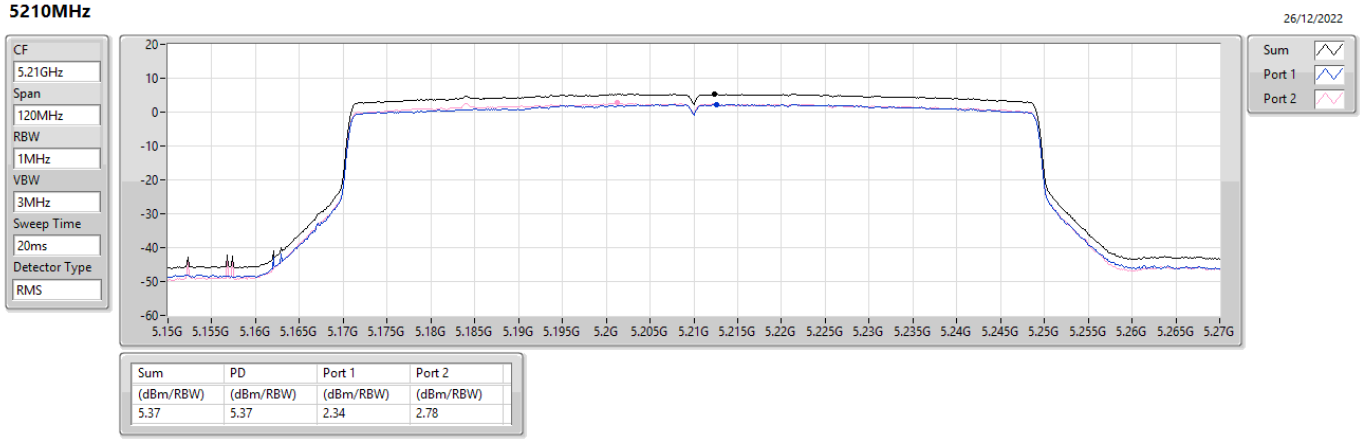
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.30	9.30	6.14	6.60

5.15-5.25GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **PSD**

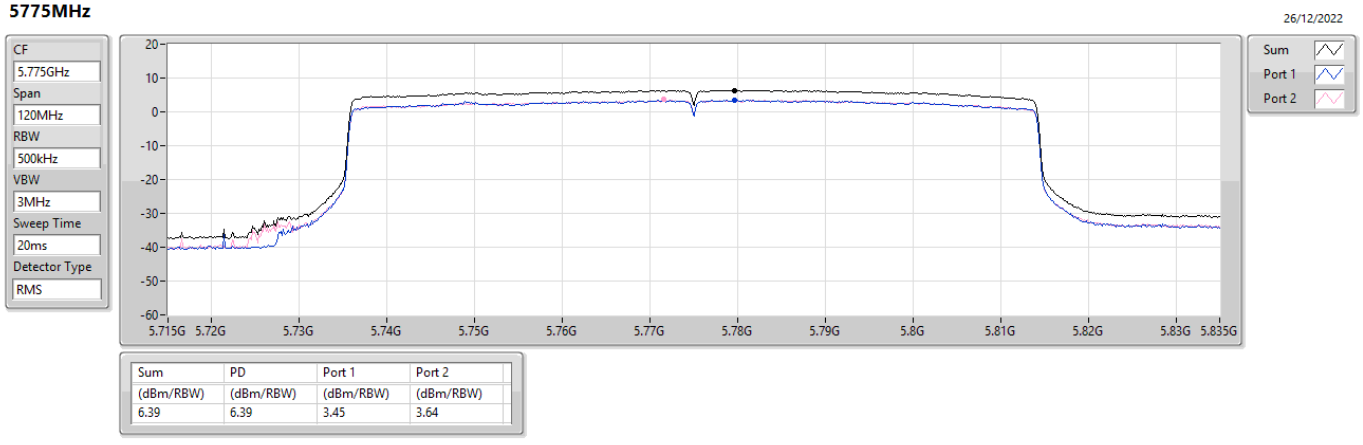
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.37	5.37	2.34	2.78

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

5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.39	6.39	3.45	3.64

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	15.34
802.11ax HEW20_Nss1,(MCS0)_2TX	14.62
802.11ax HEW20_Nss2,(MCS0)_2TX	14.64
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.82
802.11ax HEW40_Nss1,(MCS0)_2TX	9.93
802.11ax HEW40_Nss2,(MCS0)_2TX	10.43
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	8.17
802.11ax HEW80_Nss1,(MCS0)_2TX	3.38
802.11ax HEW80_Nss2,(MCS0)_2TX	4.75
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	1.56
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	14.86
802.11ax HEW20_Nss1,(MCS0)_2TX	14.00
802.11ax HEW20_Nss2,(MCS0)_2TX	14.09
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.62
802.11ax HEW40_Nss1,(MCS0)_2TX	9.75
802.11ax HEW40_Nss2,(MCS0)_2TX	9.94
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.84
802.11ax HEW80_Nss1,(MCS0)_2TX	5.68
802.11ax HEW80_Nss2,(MCS0)_2TX	5.95
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	2.92

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

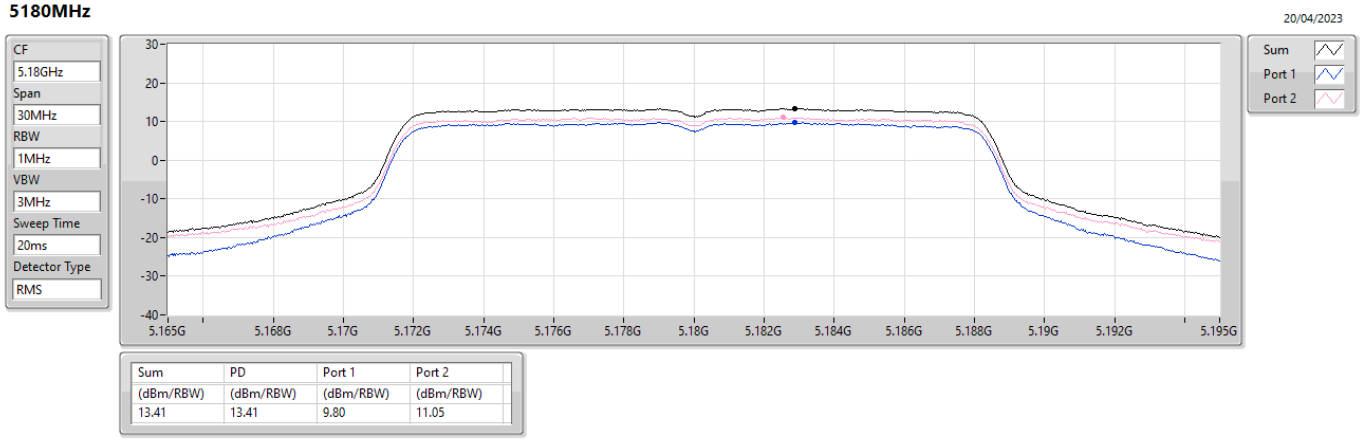
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.48	9.80	11.05	13.41	16.52
5200MHz	Pass	6.48	10.93	12.38	14.70	16.52
5240MHz	Pass	6.48	11.69	12.88	15.34	16.52
5745MHz	Pass	6.75	11.48	12.40	14.86	29.25
5785MHz	Pass	6.75	11.49	12.43	14.82	29.25
5825MHz	Pass	6.75	11.17	12.12	14.62	29.25
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.48	8.92	10.20	12.52	16.52
5200MHz	Pass	6.48	10.49	11.53	13.98	16.52
5240MHz	Pass	6.48	11.19	12.24	14.62	16.52
5745MHz	Pass	6.75	10.73	11.47	14.00	29.25
5785MHz	Pass	6.75	10.56	11.42	13.87	29.25
5825MHz	Pass	6.75	10.55	11.04	13.72	29.25
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.48	3.94	5.23	7.51	16.52
5230MHz	Pass	6.48	6.36	7.59	9.93	16.52
5755MHz	Pass	6.75	6.27	7.28	9.74	29.25
5795MHz	Pass	6.75	6.26	7.38	9.75	29.25
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.48	-0.22	0.98	3.38	16.52
5775MHz	Pass	6.75	2.08	3.41	5.68	29.25
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.47	9.57	10.65	13.09	17.00
5200MHz	Pass	3.47	10.33	11.49	13.87	17.00
5240MHz	Pass	3.47	11.17	12.22	14.64	17.00
5745MHz	Pass	3.74	10.76	11.58	14.09	30.00
5785MHz	Pass	3.74	10.36	11.42	13.85	30.00
5825MHz	Pass	3.74	10.39	11.11	13.71	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.47	4.79	6.18	8.50	17.00
5230MHz	Pass	3.47	6.79	7.99	10.43	17.00
5755MHz	Pass	3.74	6.26	7.62	9.94	30.00
5795MHz	Pass	3.74	6.22	7.15	9.66	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.47	1.07	2.37	4.75	17.00
5775MHz	Pass	3.74	2.48	3.39	5.95	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.48	5.76	6.84	9.26	16.52
5200MHz	Pass	6.48	7.05	8.57	10.82	16.52
5240MHz	Pass	6.48	7.30	8.31	10.73	16.52
5745MHz	Pass	6.75	6.12	7.63	9.62	29.25
5785MHz	Pass	6.75	5.86	7.07	9.49	29.25
5825MHz	Pass	6.75	5.68	7.14	9.43	29.25
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.48	1.24	2.32	4.75	16.52
5230MHz	Pass	6.48	4.73	5.64	8.17	16.52
5755MHz	Pass	6.75	3.45	4.84	6.84	29.25
5795MHz	Pass	6.75	3.24	4.21	6.75	29.25
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.48	-2.13	-0.68	1.56	16.52
5775MHz	Pass	6.75	-0.48	0.35	2.92	29.25

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;

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

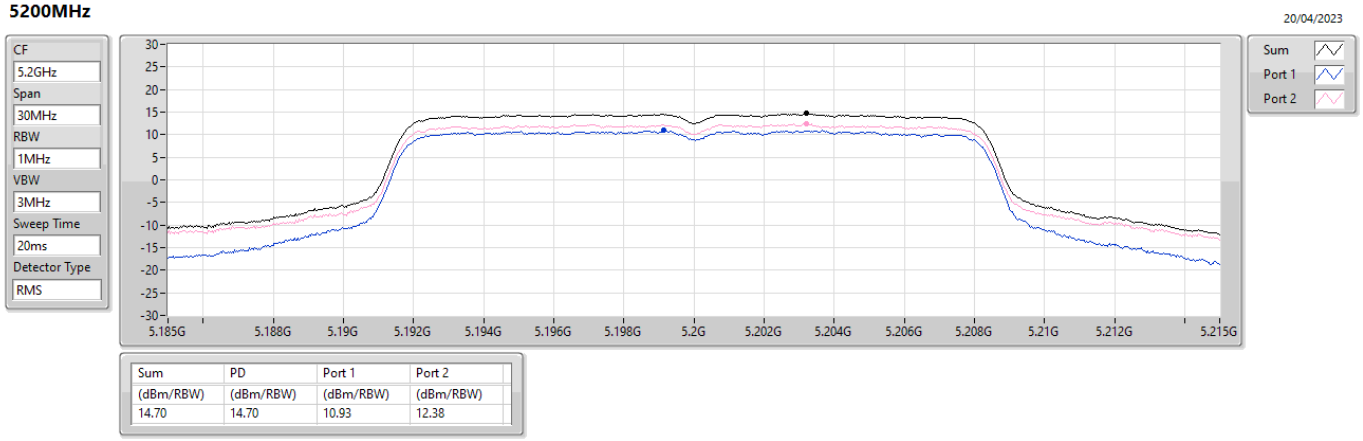
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.41	13.41	9.80	11.05

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

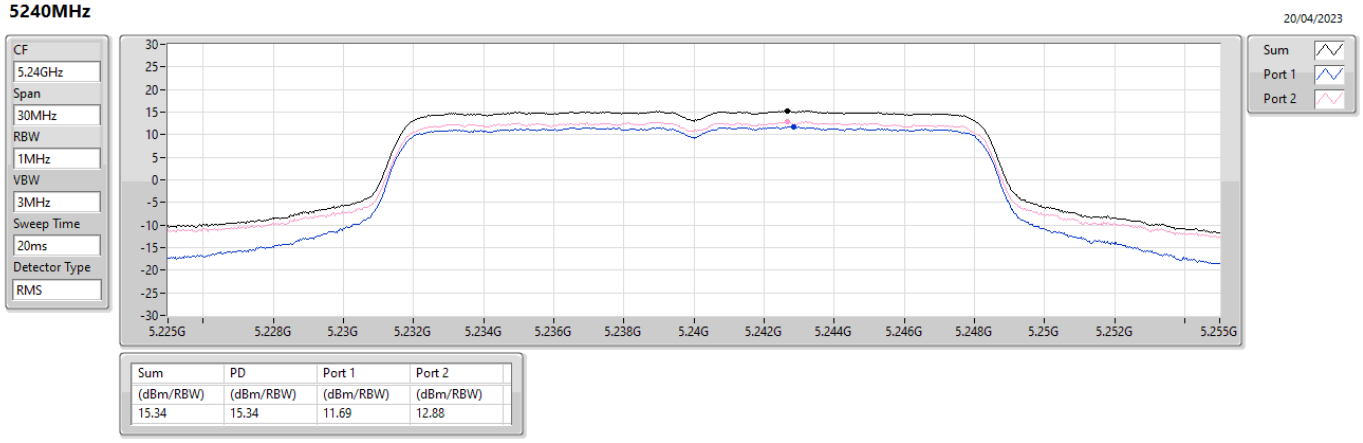
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.70	14.70	10.93	12.38

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

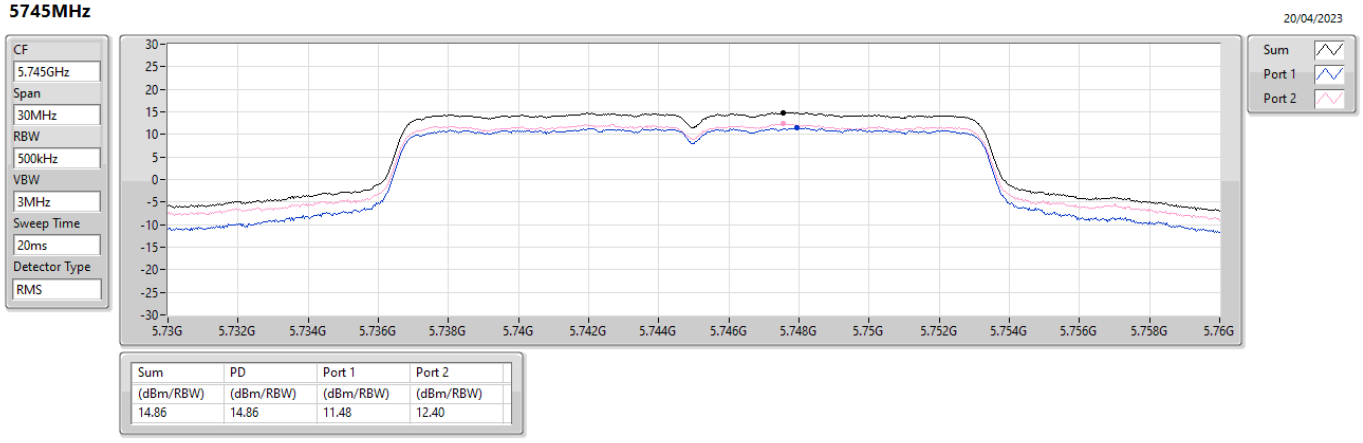
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.34	15.34	11.69	12.88

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

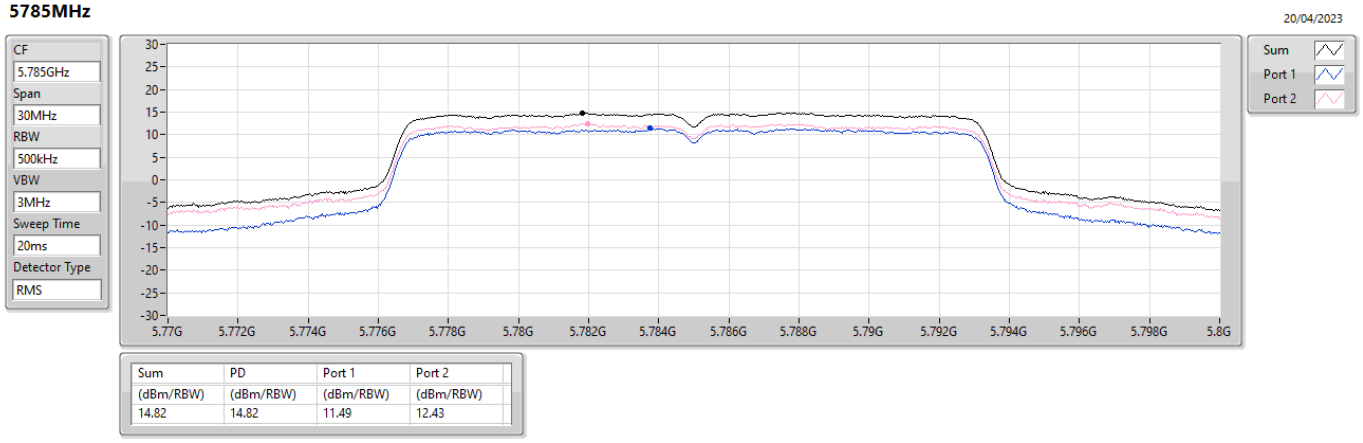
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.86	14.86	11.48	12.40

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

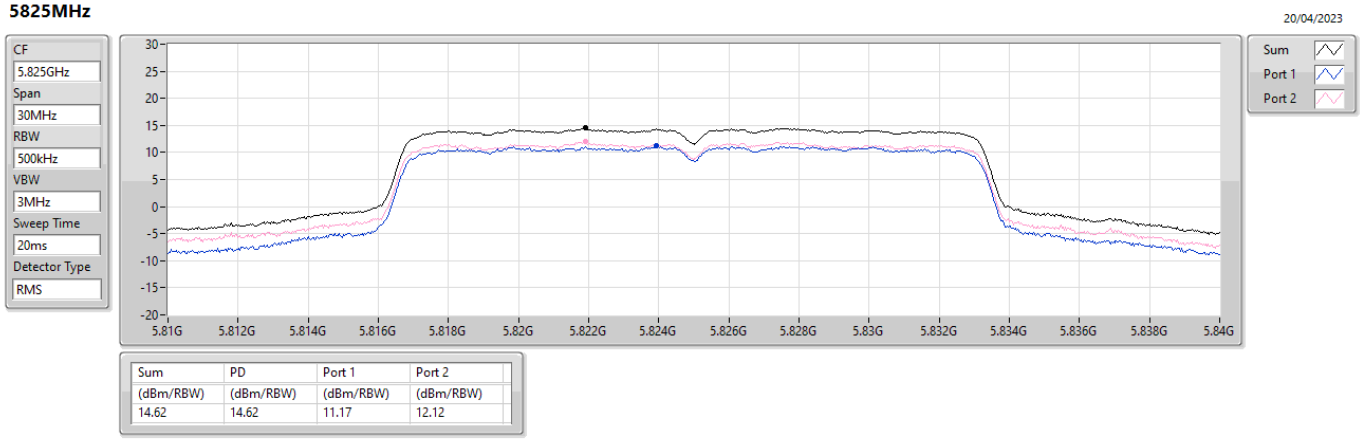
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.82	14.82	11.49	12.43

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

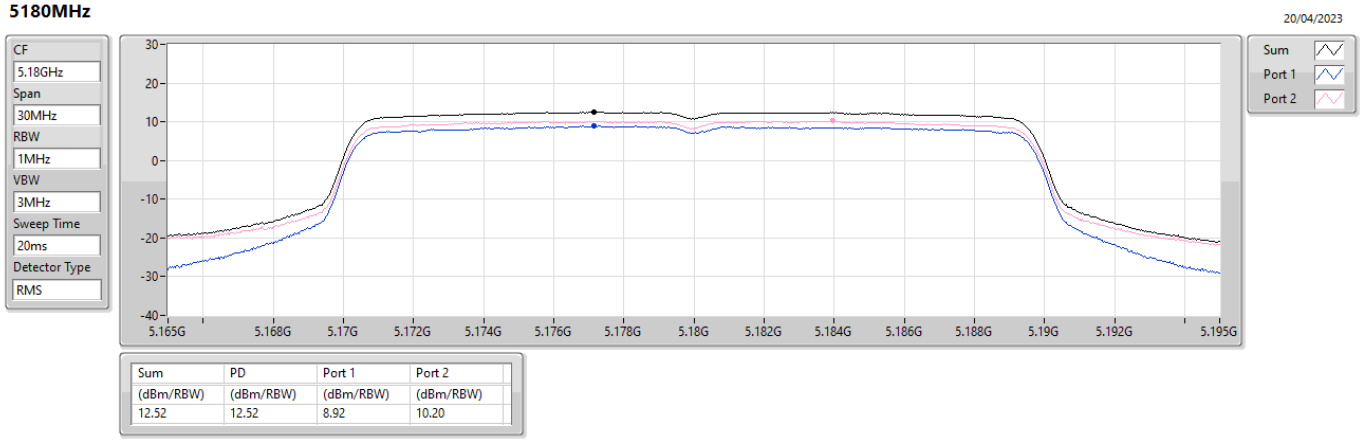
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.62	14.62	11.17	12.12

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

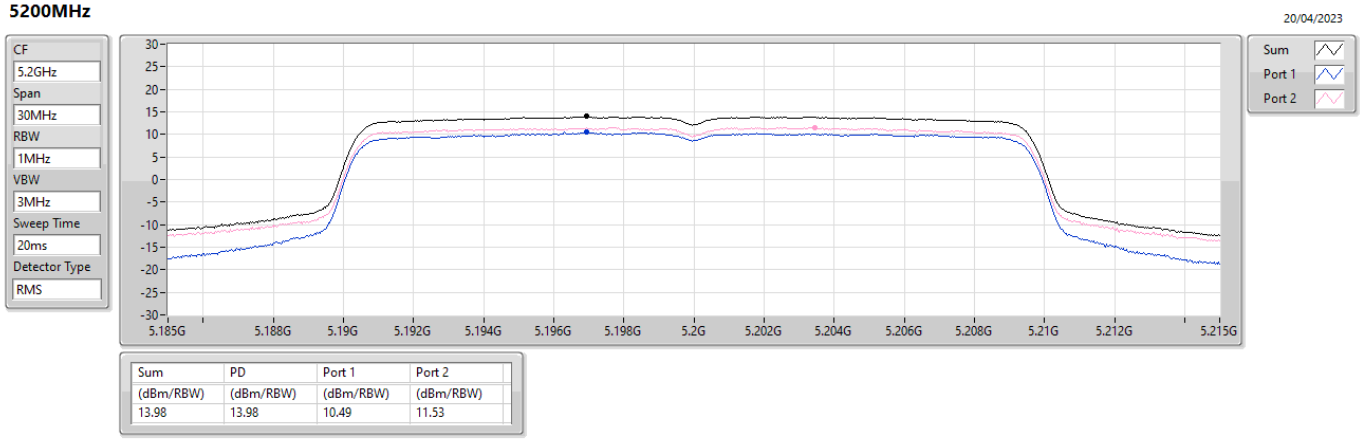
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.52	12.52	8.92	10.20

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

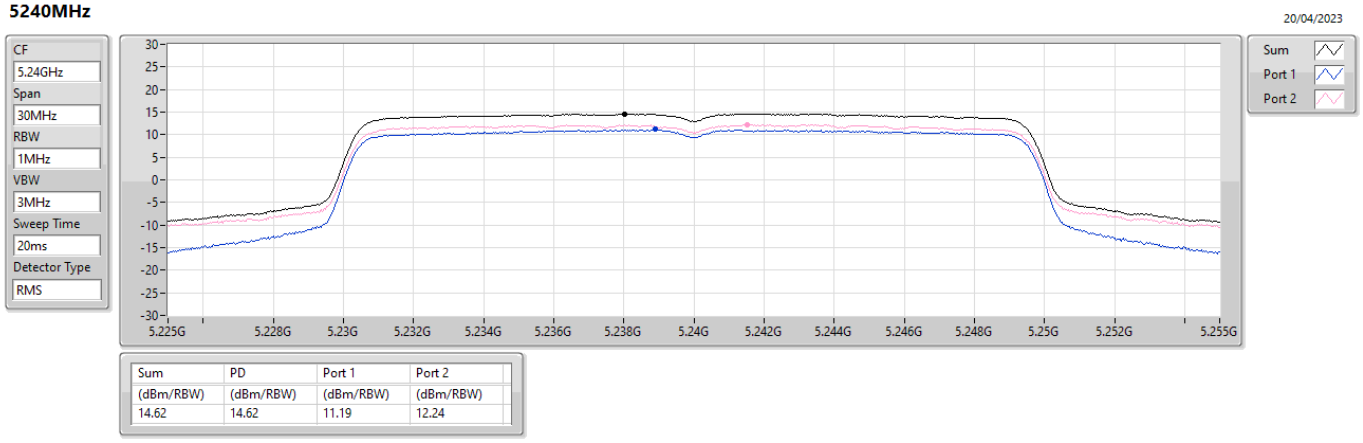
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.98	13.98	10.49	11.53

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

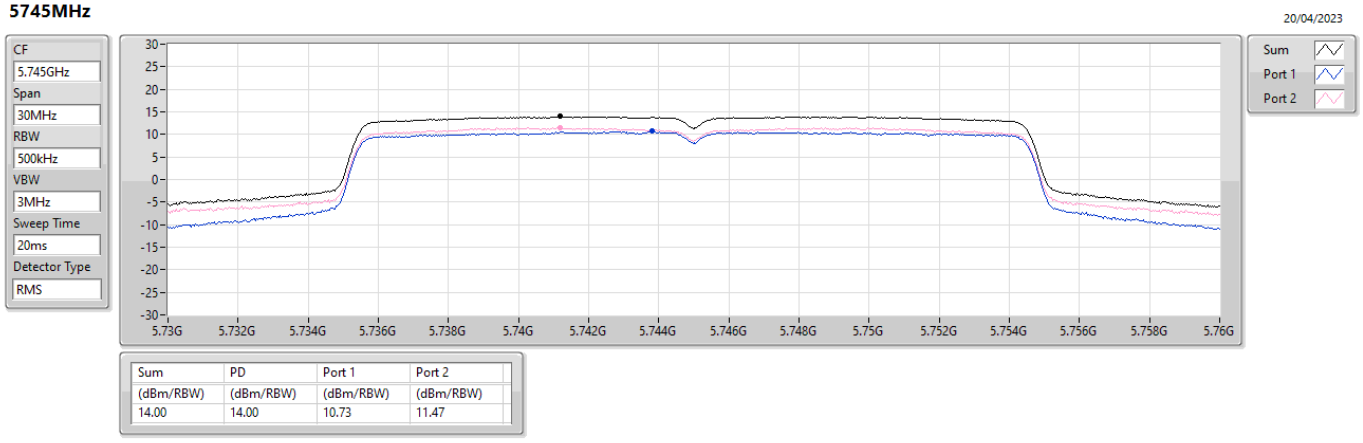
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.62	14.62	11.19	12.24

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

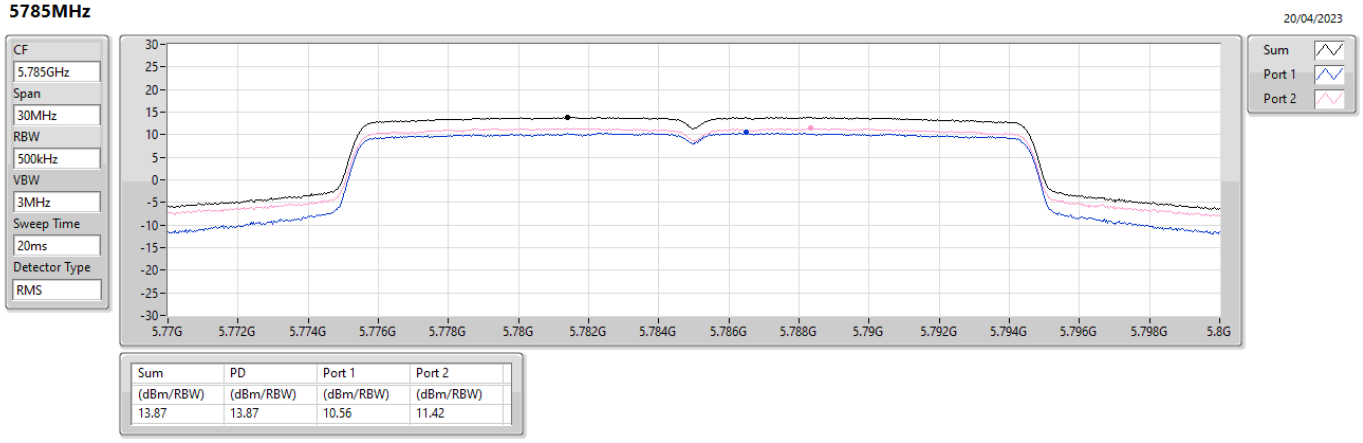
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.00	14.00	10.73	11.47

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

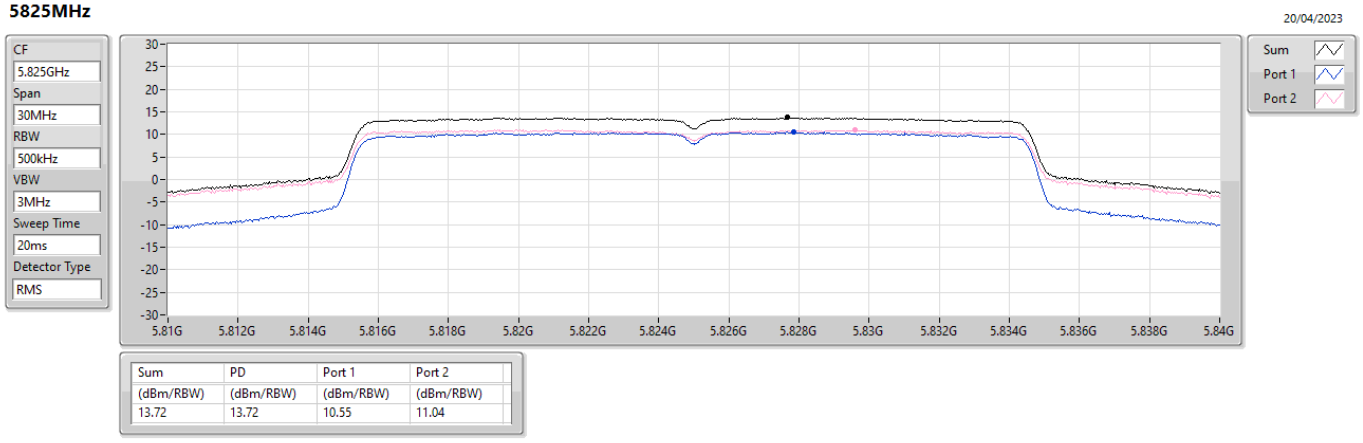
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.87	13.87	10.56	11.42

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

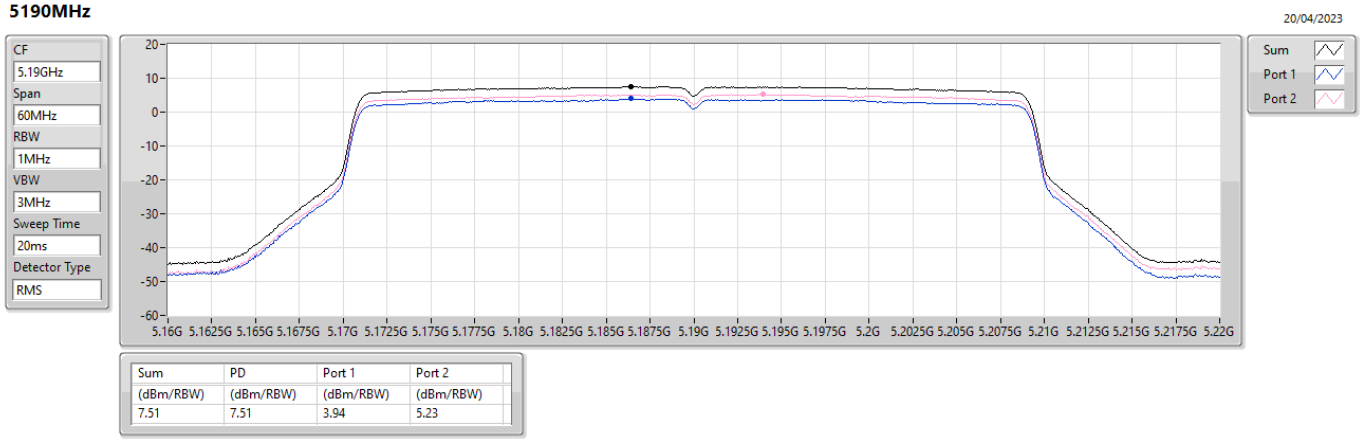
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.72	13.72	10.55	11.04

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

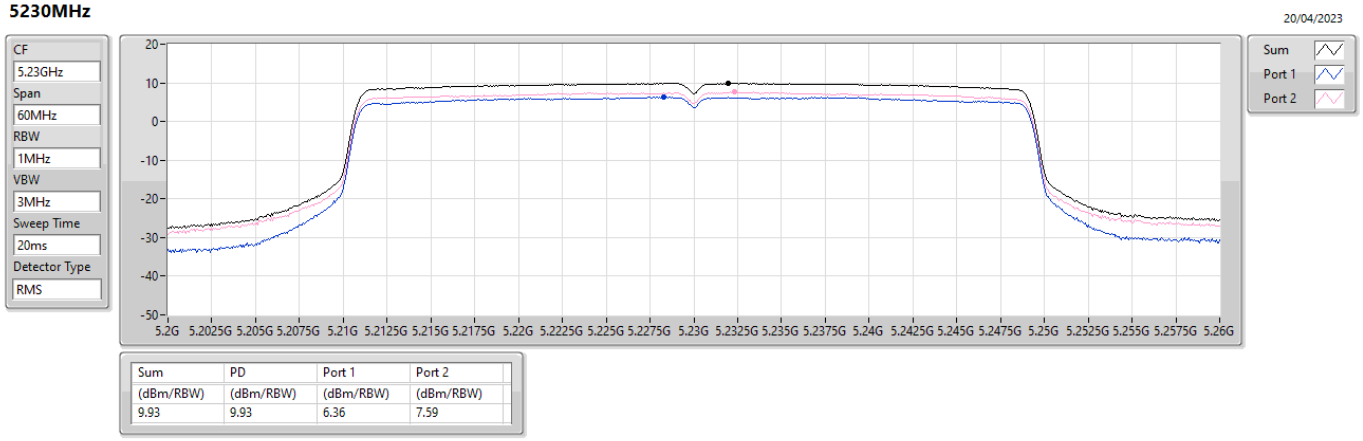
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.51	7.51	3.94	5.23

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

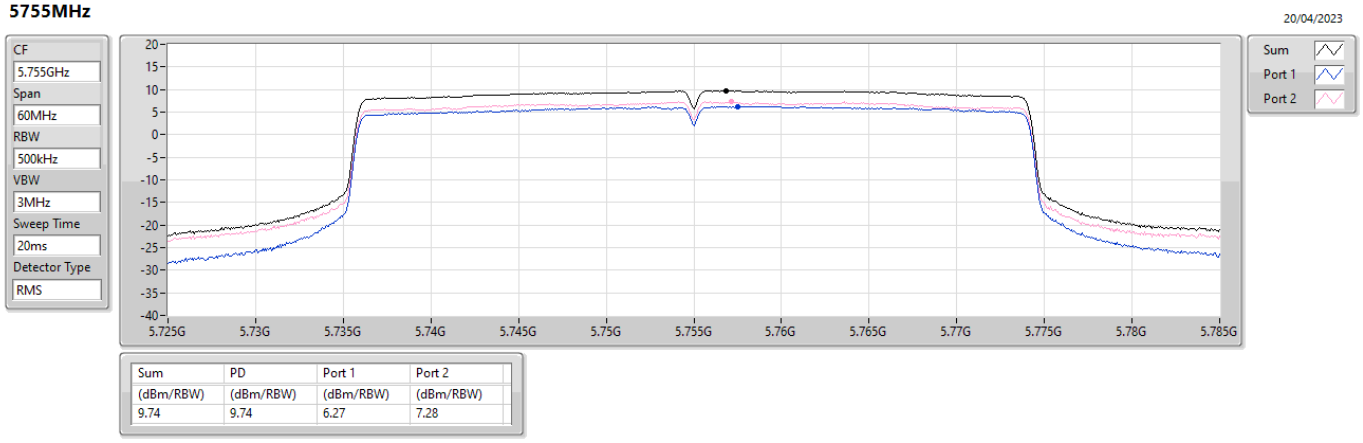
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.93	9.93	6.36	7.59

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

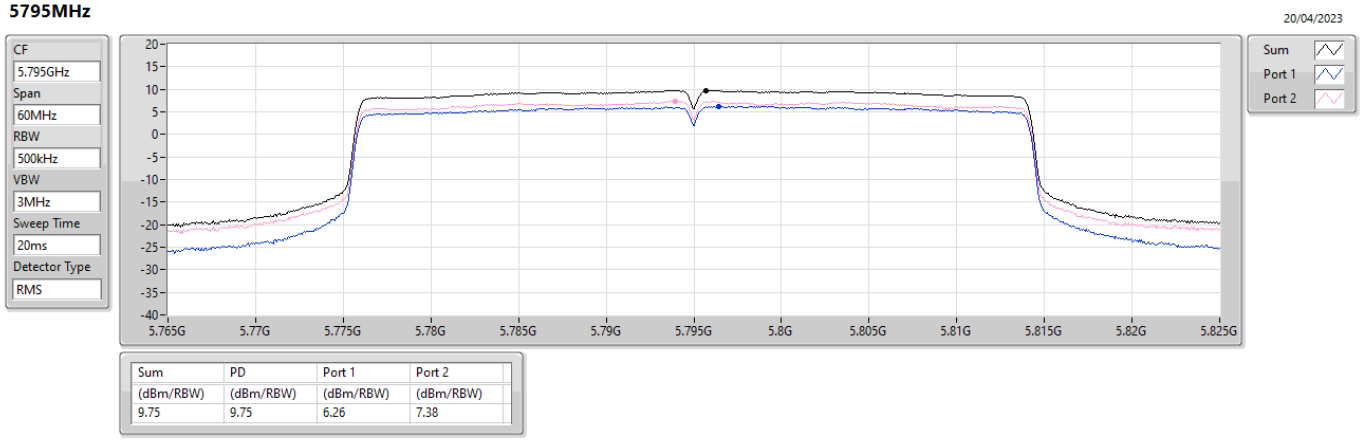
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.74	9.74	6.27	7.28

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

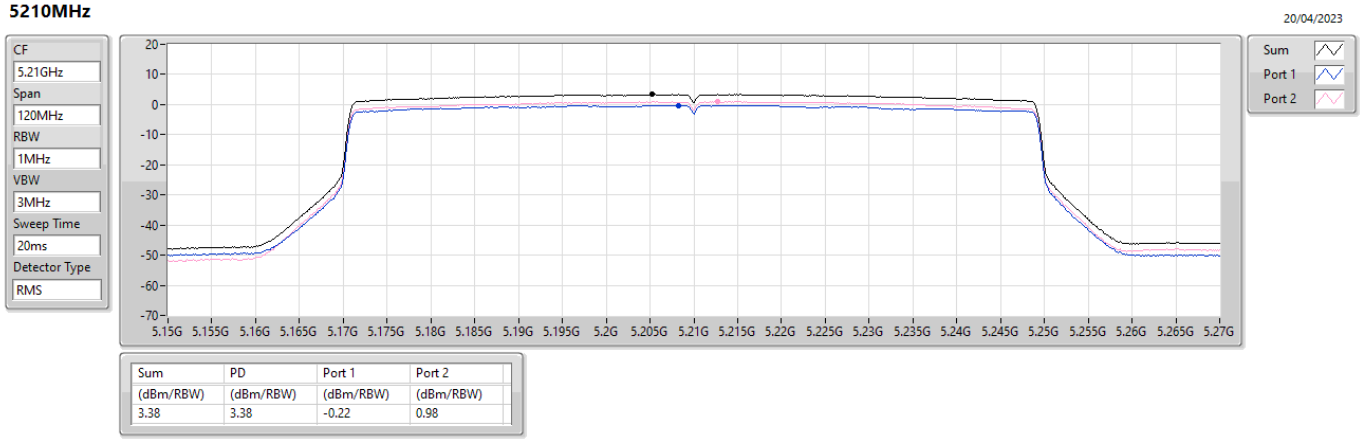
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.75	9.75	6.26	7.38

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **PSD**

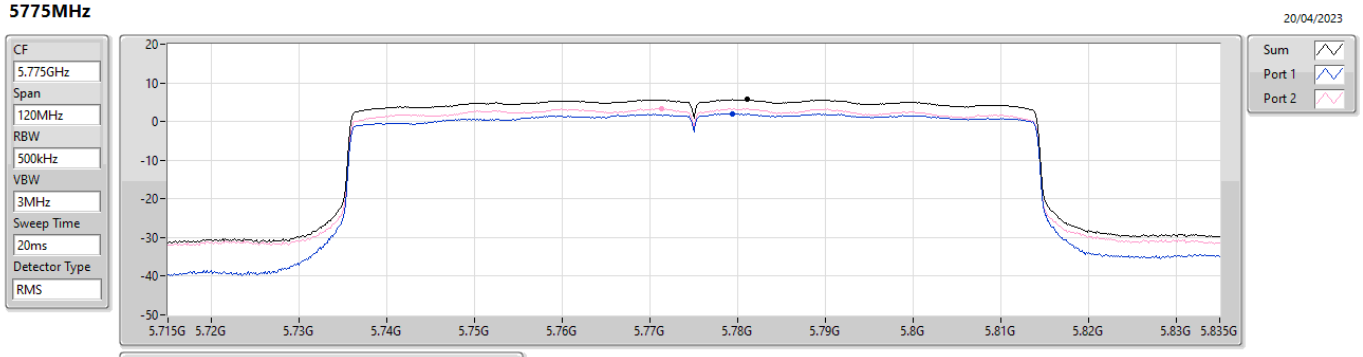
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.38	3.38	-0.22	0.98

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

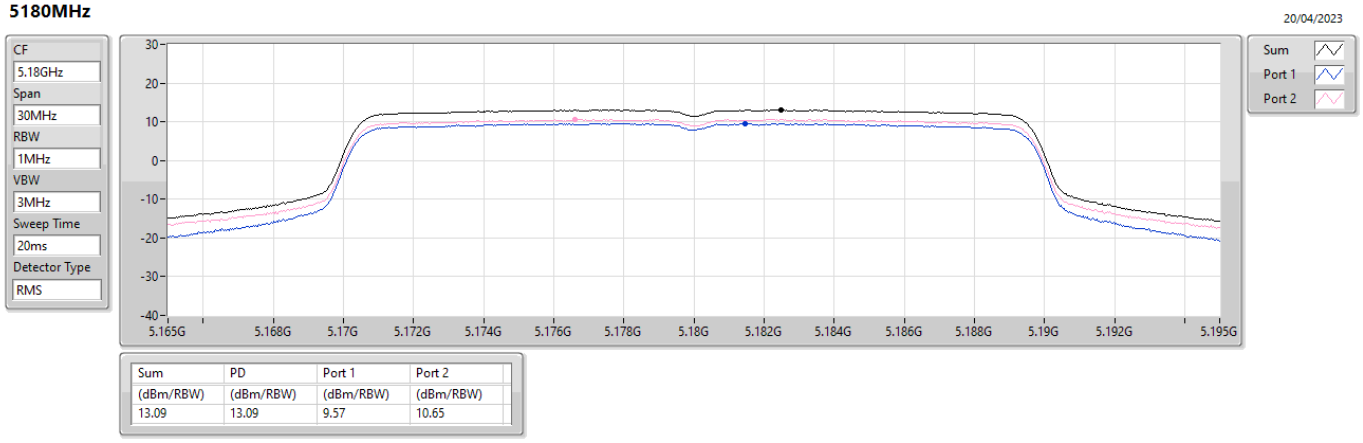
5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.68	5.68	2.08	3.41

5.15-5.25GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

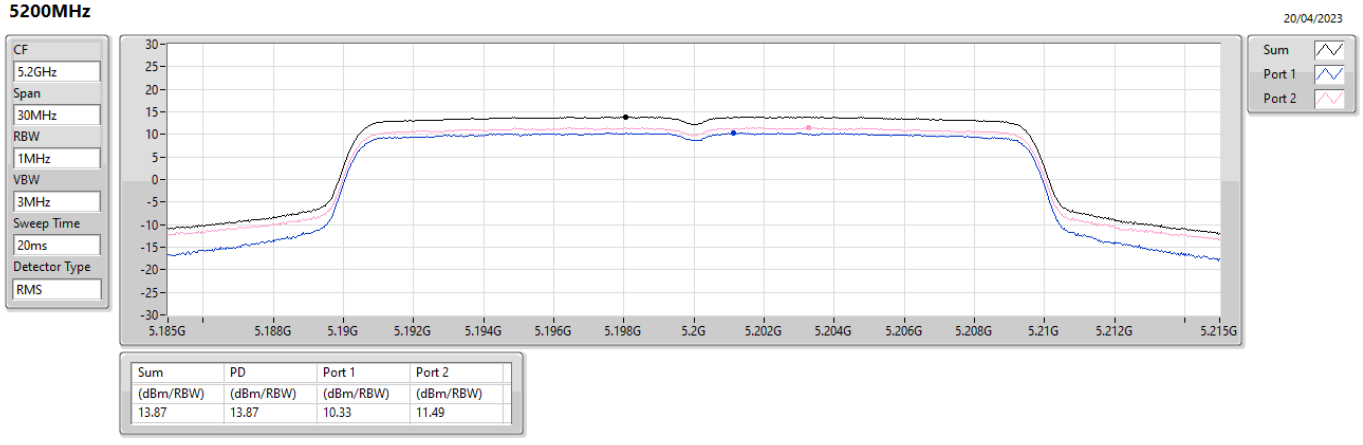
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.09	13.09	9.57	10.65

5.15-5.25GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

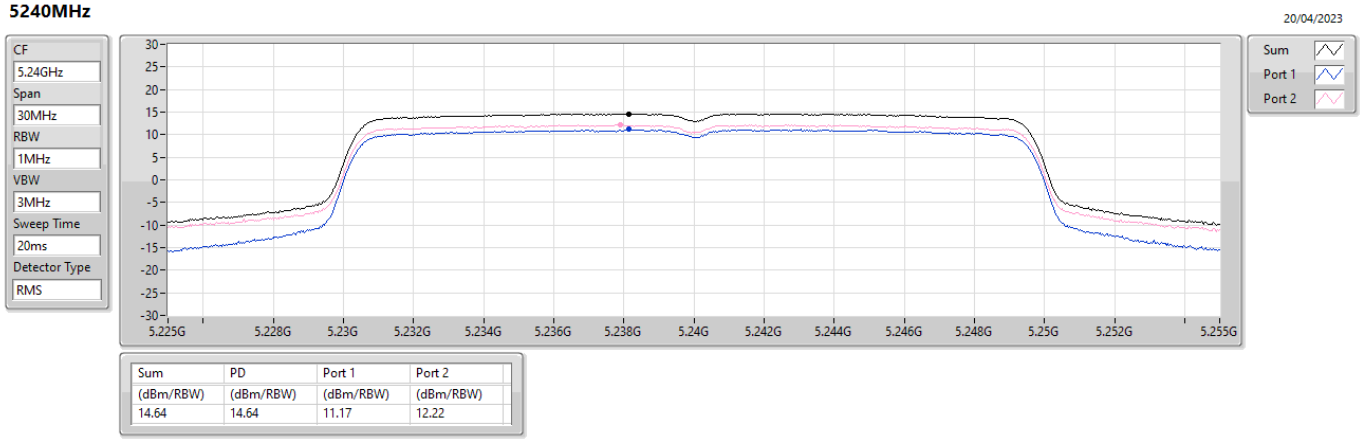
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.87	13.87	10.33	11.49

5.15-5.25GHz_802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

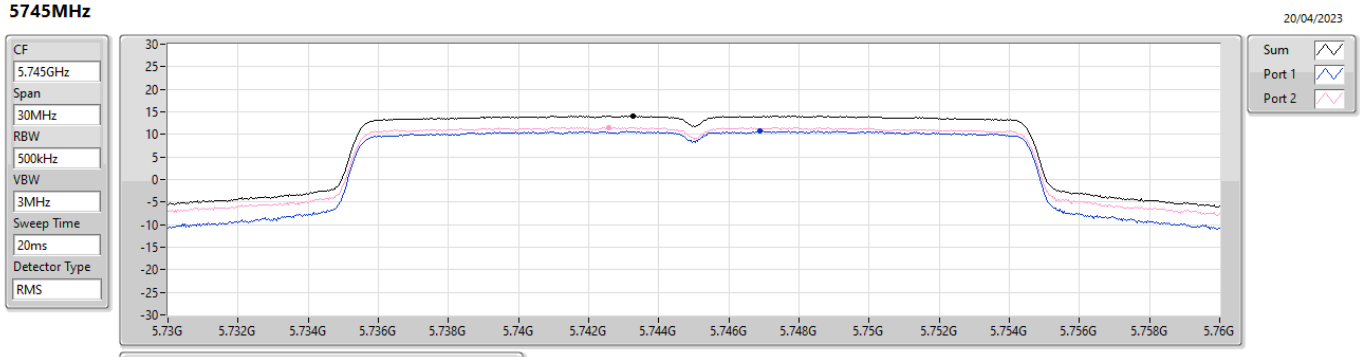
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.64	14.64	11.17	12.22

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

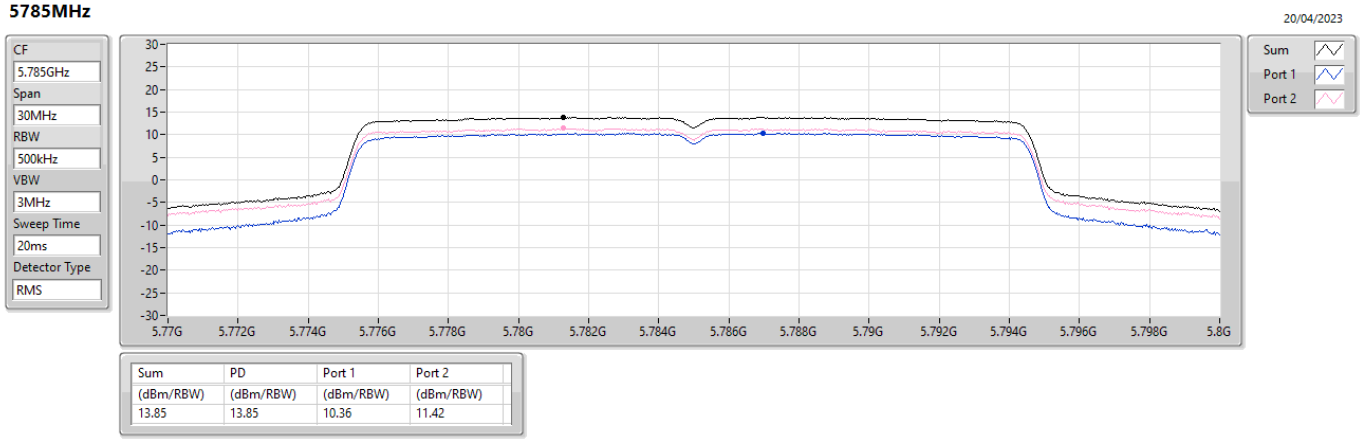
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.09	14.09	10.76	11.58

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

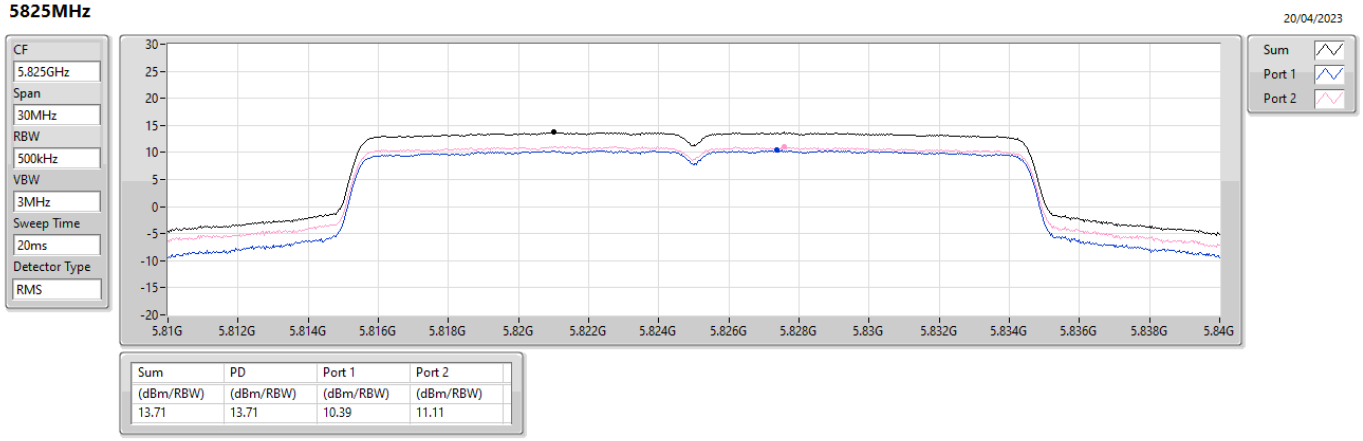
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.85	13.85	10.36	11.42

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

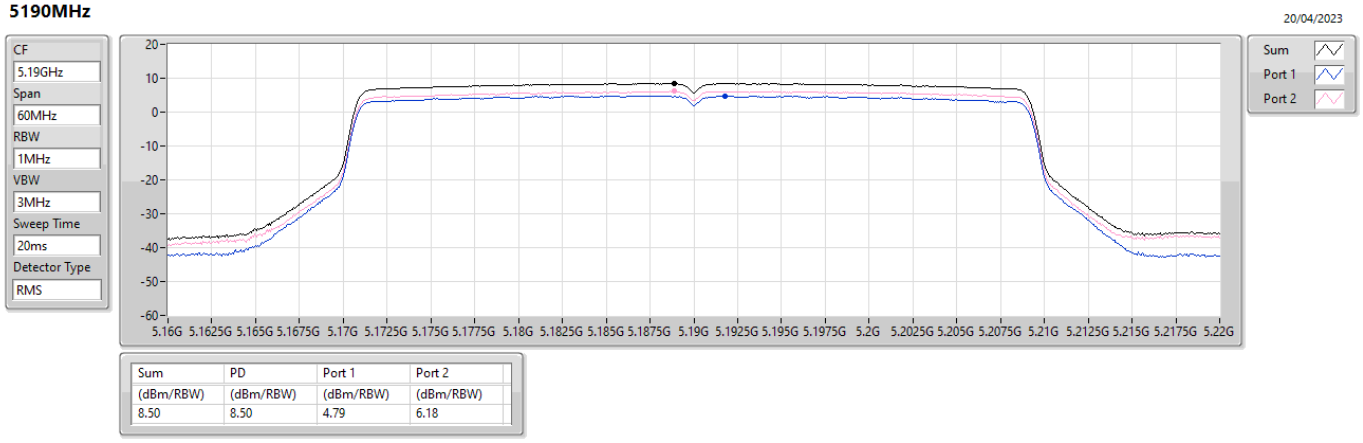
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.71	13.71	10.39	11.11

5.15-5.25GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

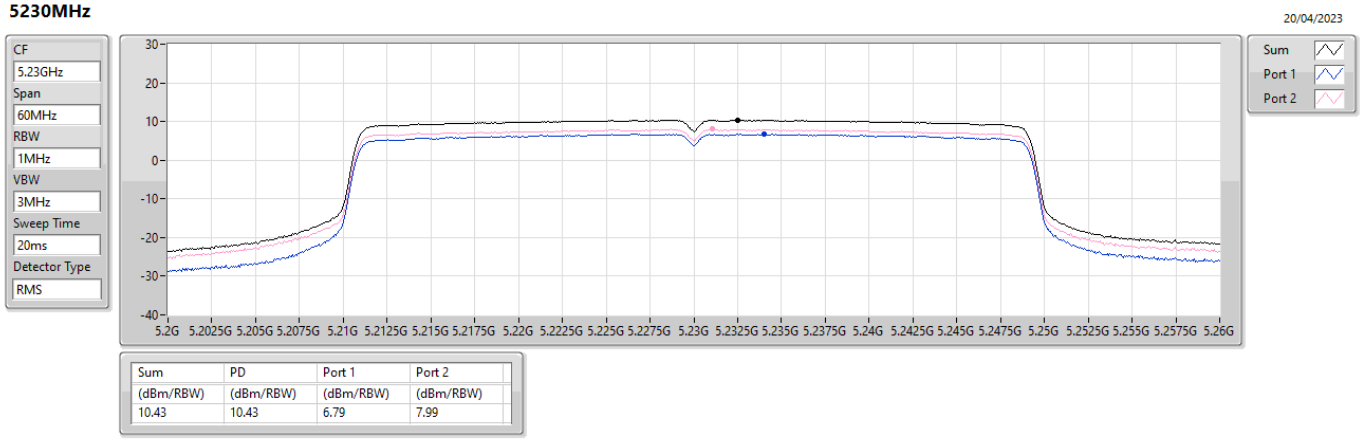
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.50	8.50	4.79	6.18

5.15-5.25GHz_802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

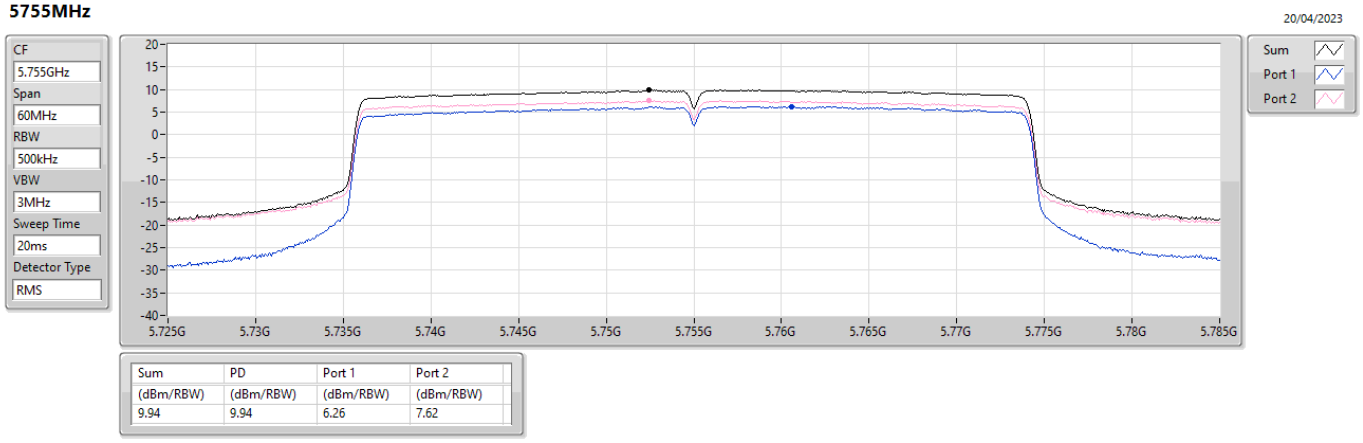
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.43	10.43	6.79	7.99

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

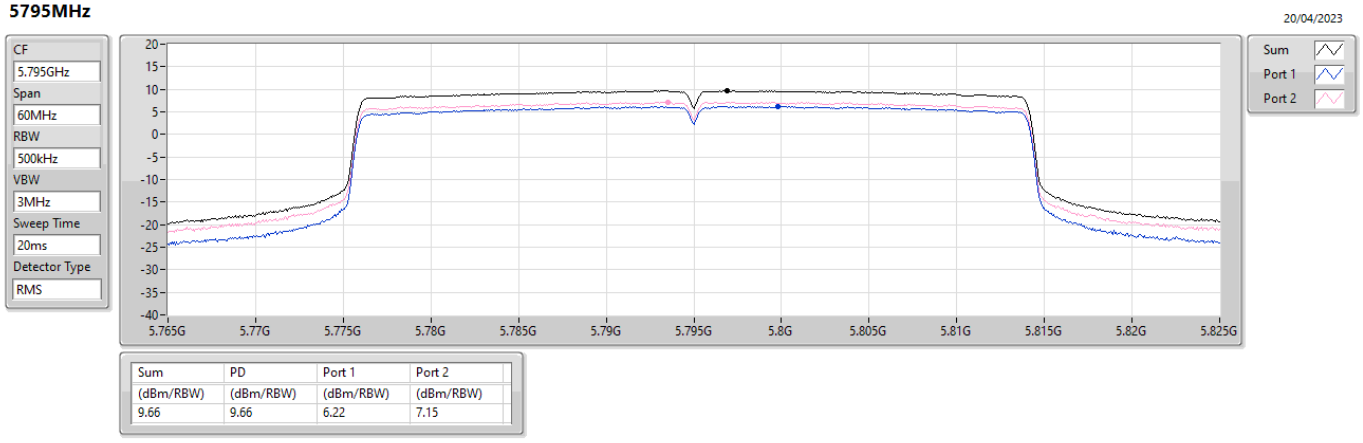
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.94	9.94	6.26	7.62

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

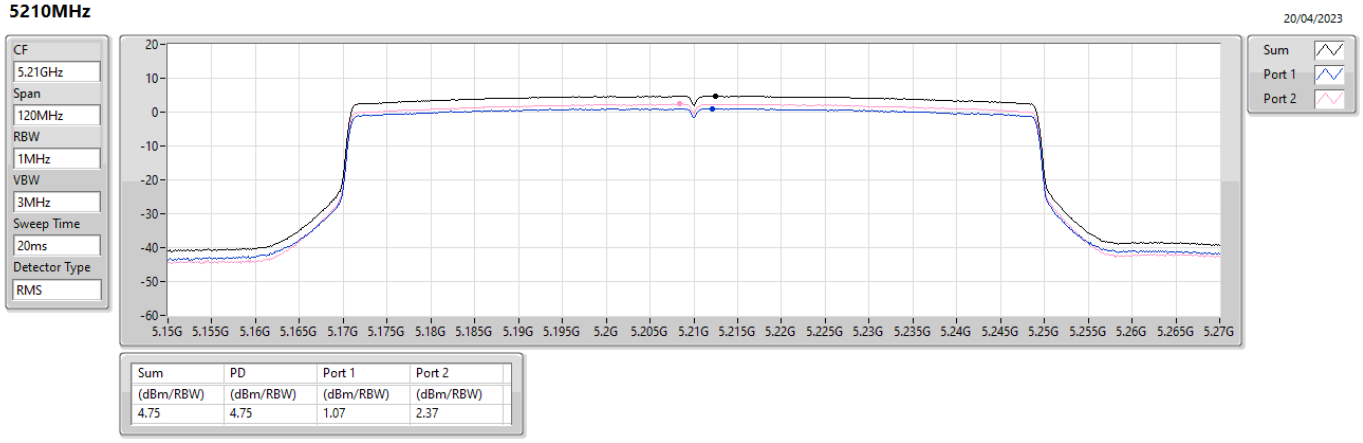
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.66	9.66	6.22	7.15

5.15-5.25GHz_802.11ax HEW80_Nss2,(MCS0)_2TX **PSD**

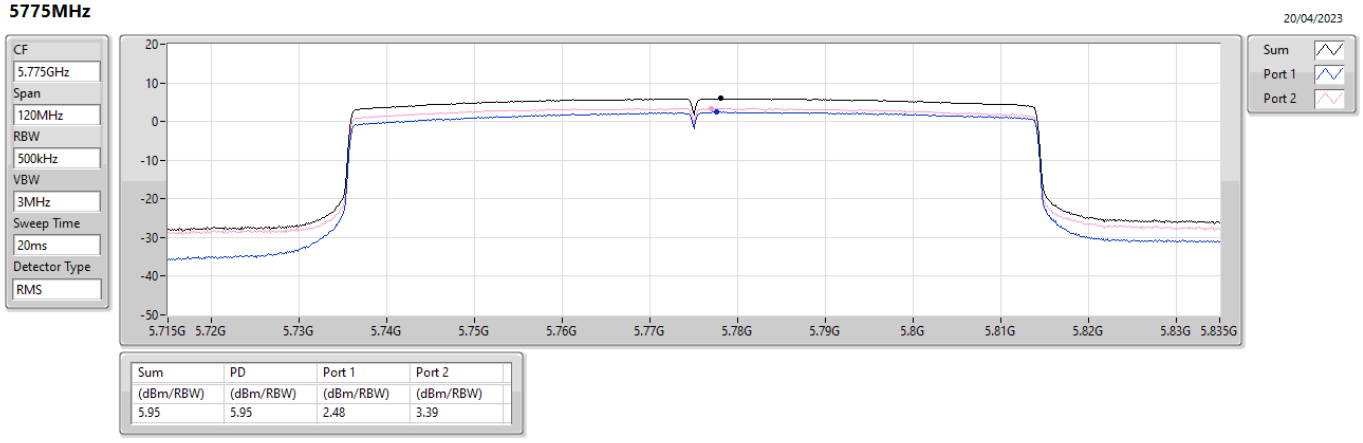
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.75	4.75	1.07	2.37

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

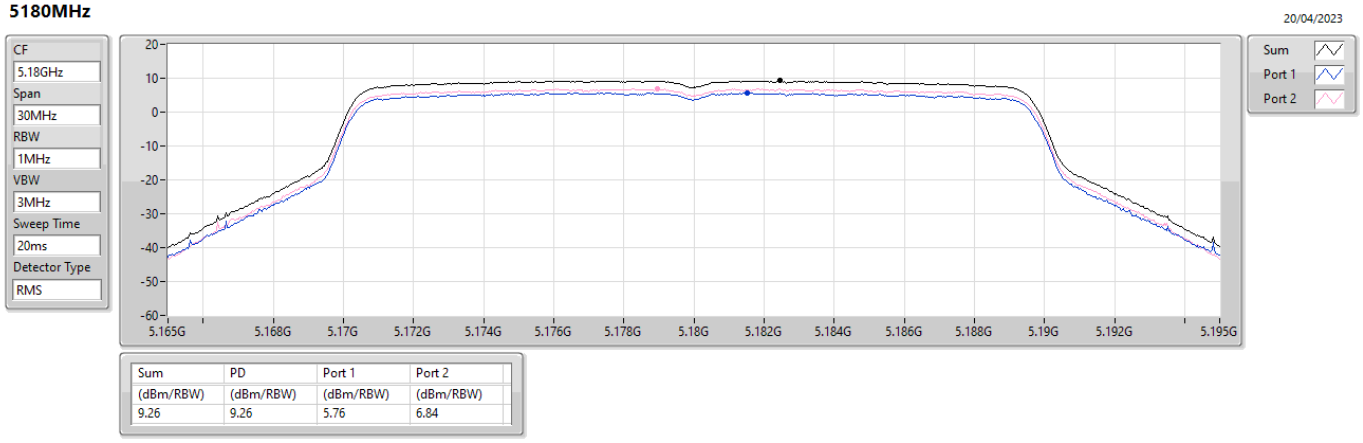
5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.95	5.95	2.48	3.39

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

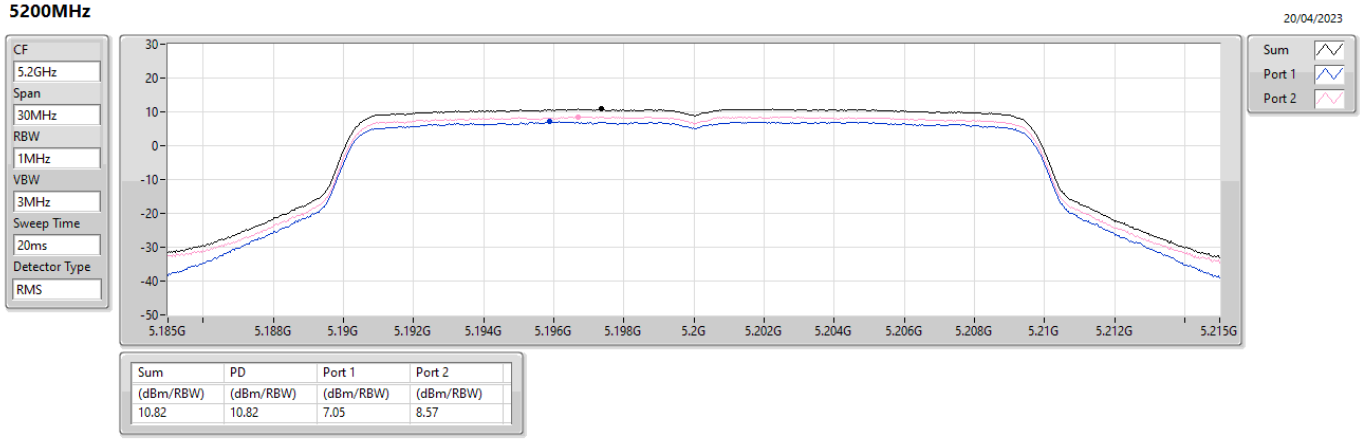
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.26	9.26	5.76	6.84

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

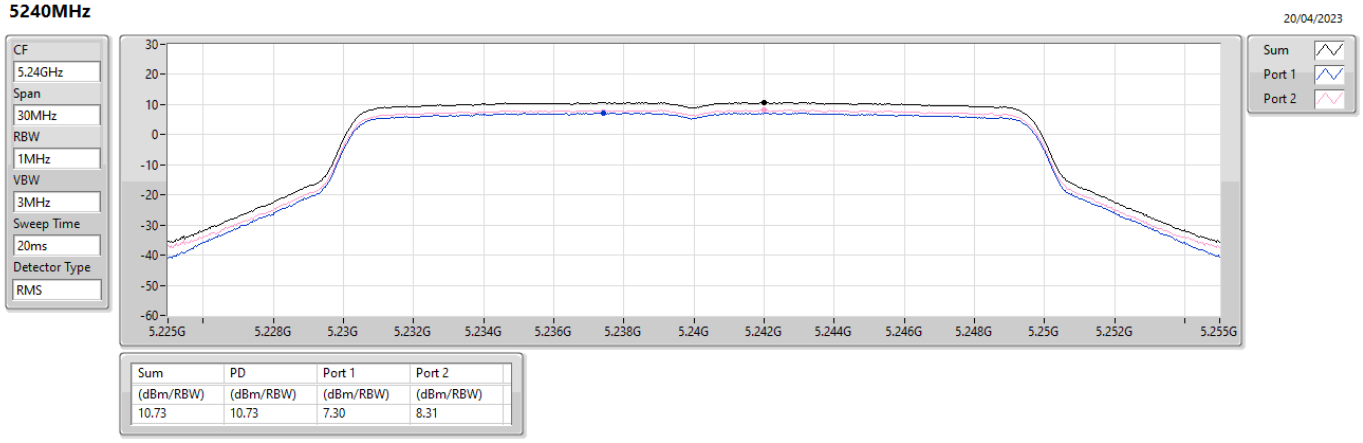
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.82	10.82	7.05	8.57

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

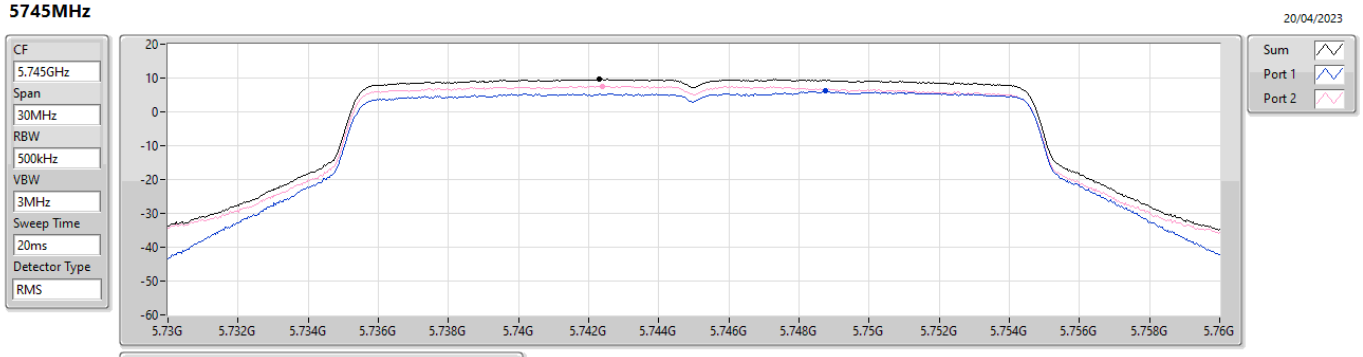
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.73	10.73	7.30	8.31

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

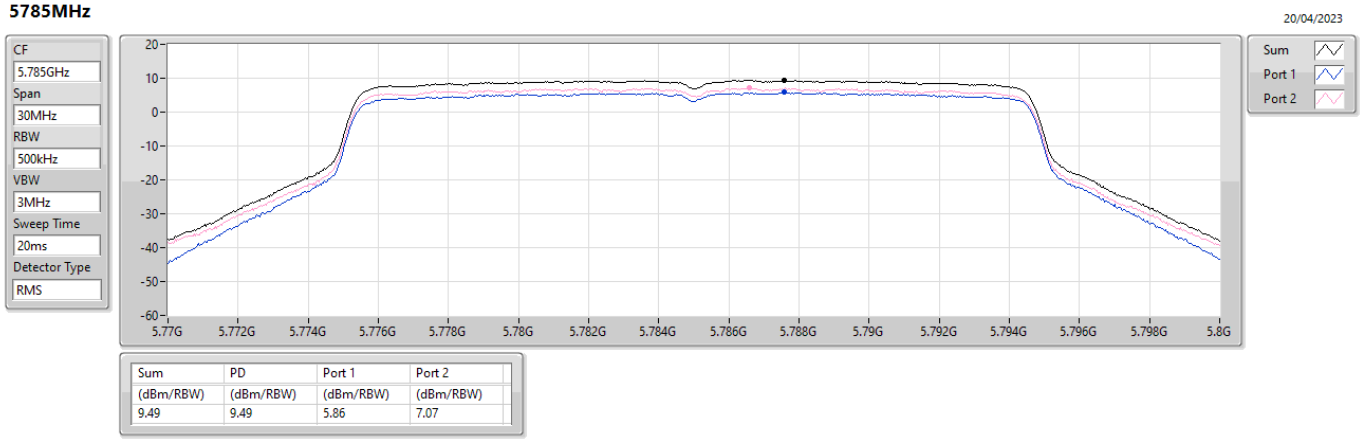
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.62	9.62	6.12	7.63

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

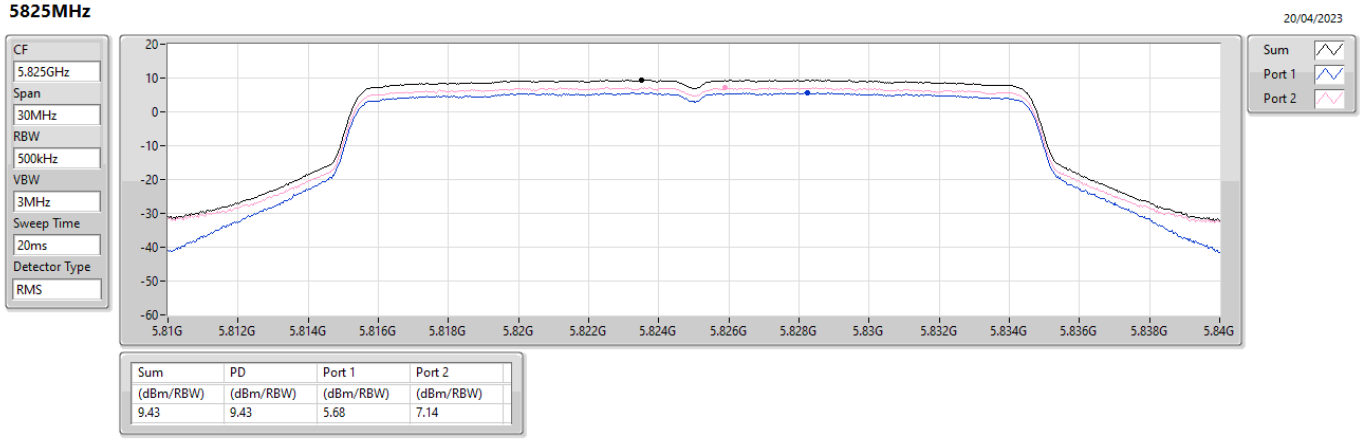
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.49	9.49	5.86	7.07

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

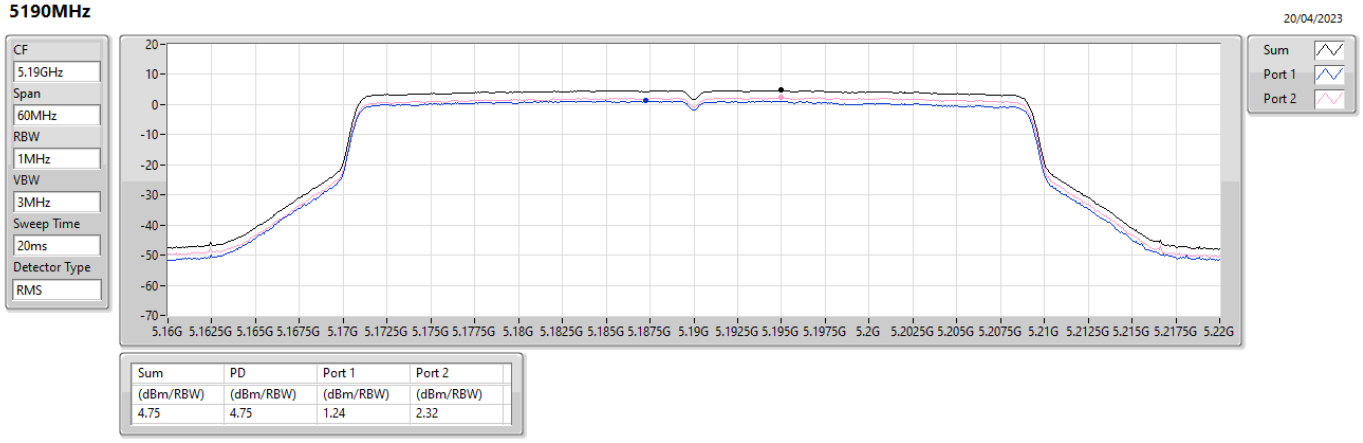
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.43	9.43	5.68	7.14

5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

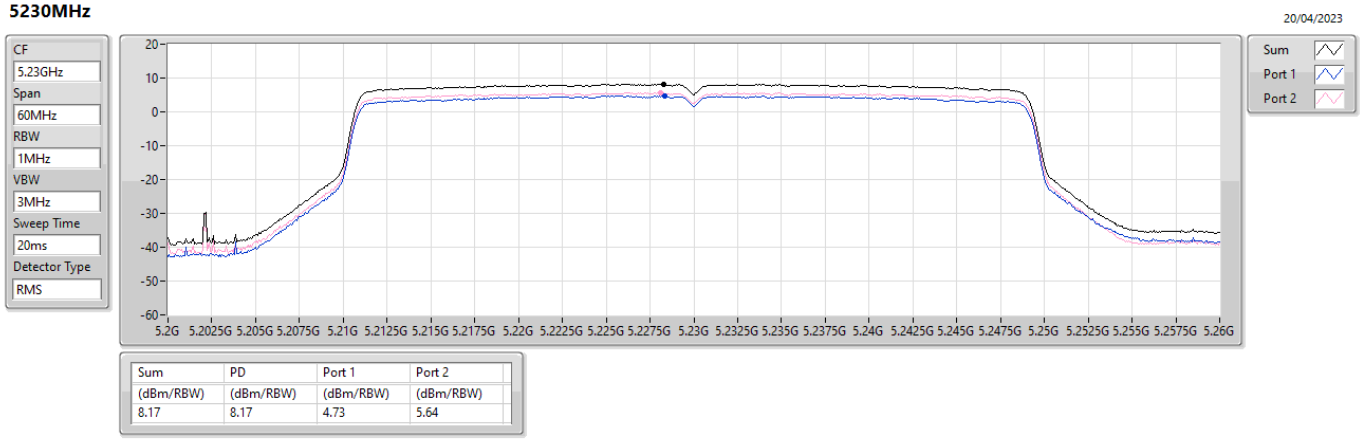
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.75	4.75	1.24	2.32

5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

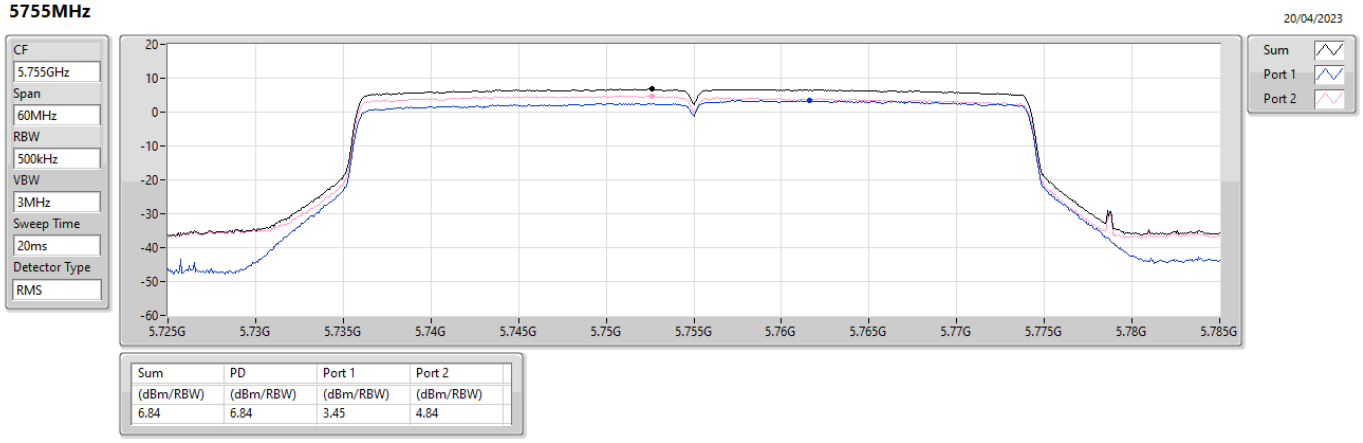
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.17	8.17	4.73	5.64

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

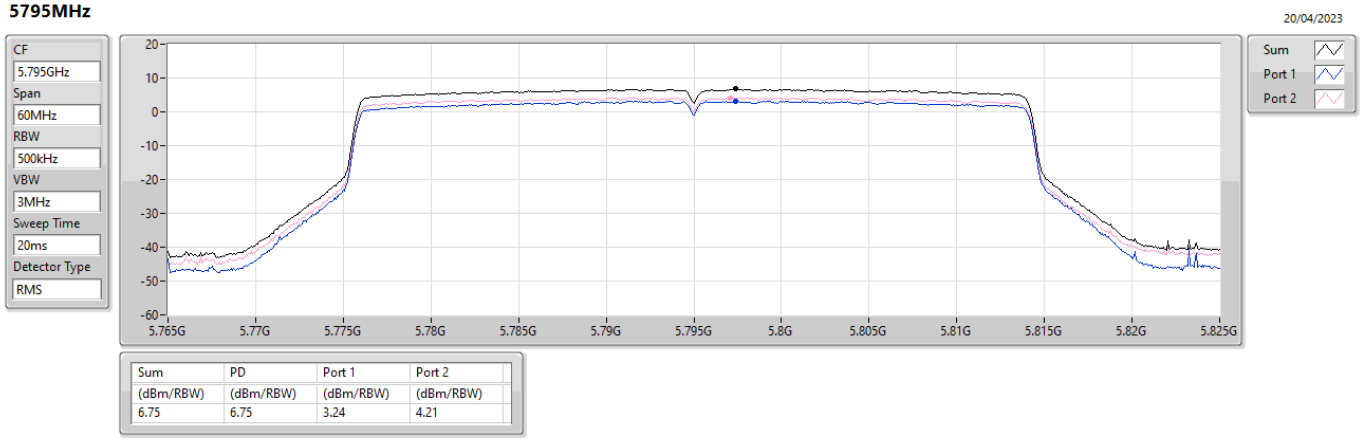
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.84	6.84	3.45	4.84

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

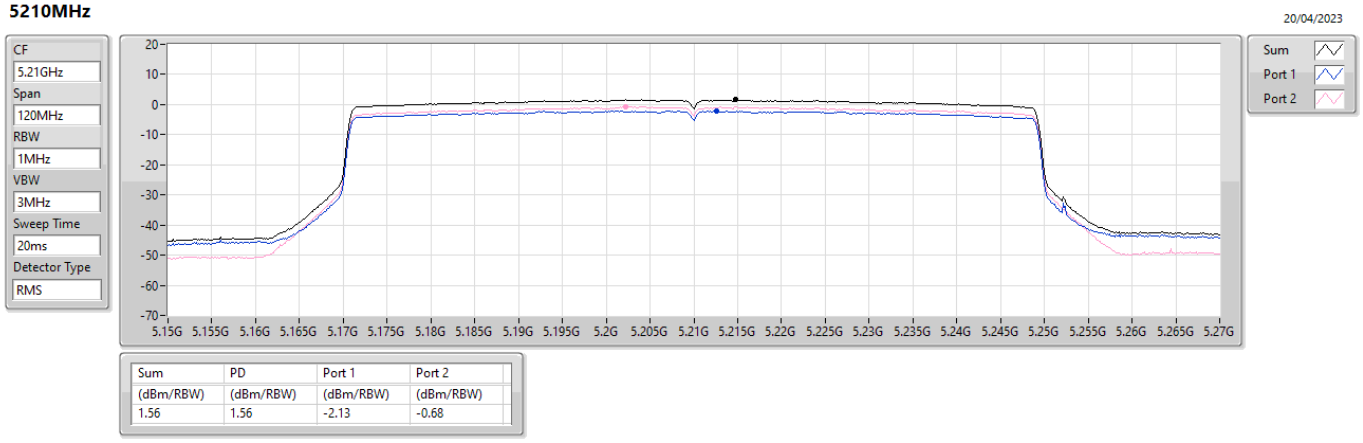
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.75	6.75	3.24	4.21

5.15-5.25GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **PSD**

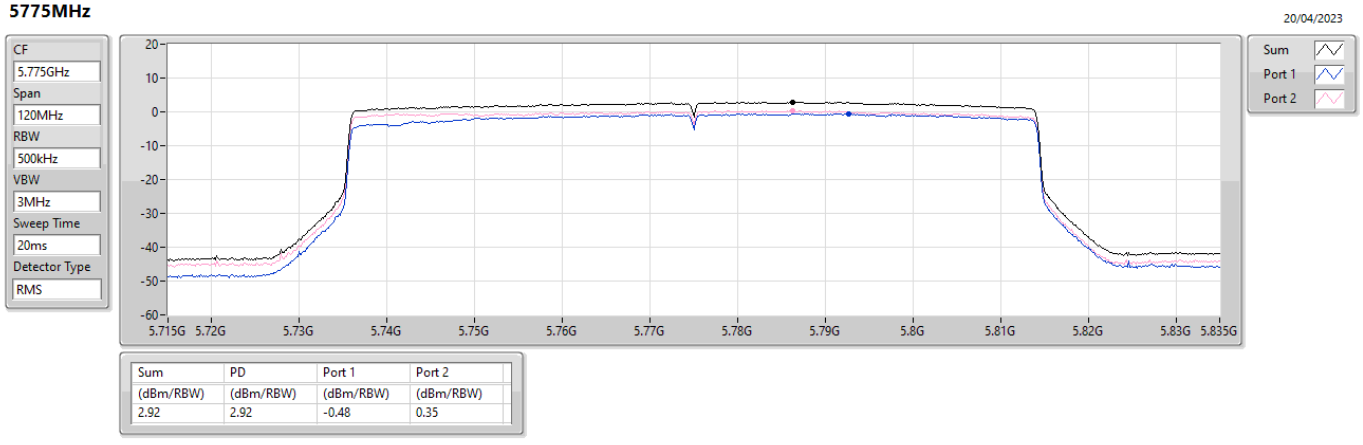
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.56	1.56	-2.13	-0.68

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

5775MHz

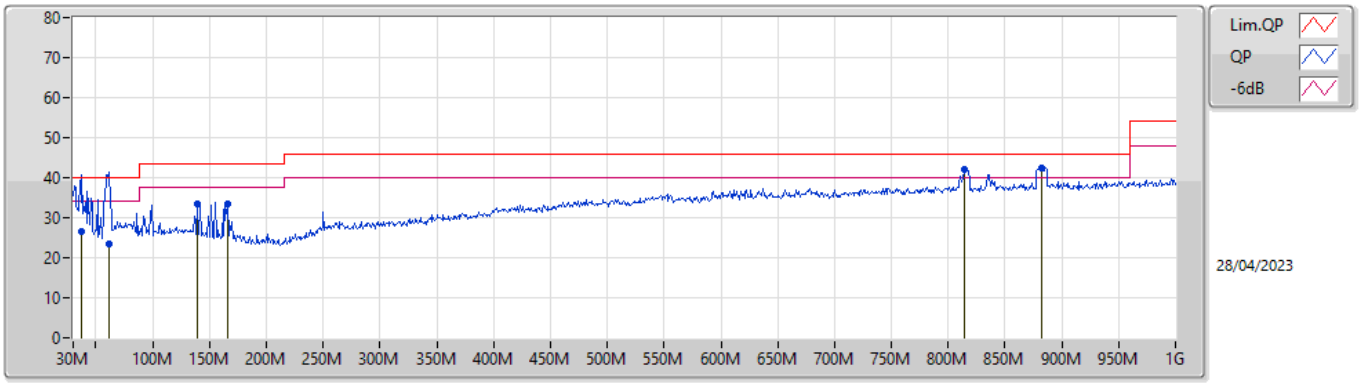


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.92	2.92	-0.48	0.35

Summary

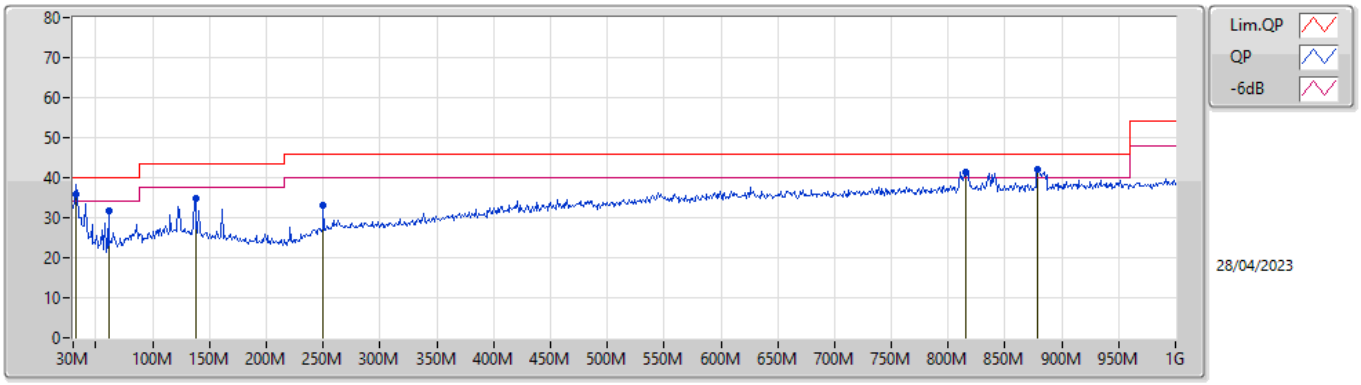
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 4	Pass	PK	882.63M	42.56	46.00	-3.44	Vertical

Mode 4



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	37.76M	26.66	40.00	-13.34	-23.14	3	Vertical	177	1.25	-	49.80	20.23	0.69	44.06
QP	61.04M	23.42	40.00	-16.58	-30.28	3	Vertical	63	2.00	-	53.70	12.96	0.87	44.11
PK	139.61M	33.46	43.50	-10.04	-25.48	3	Vertical	58	1.00	-	58.94	17.30	1.29	44.07
PK	165.8M	33.51	43.50	-9.99	-26.62	3	Vertical	58	1.00	-	60.13	16.00	1.40	44.02
PK	814.73M	42.17	46.00	-3.83	-13.74	3	Vertical	360	1.00	-	55.91	26.12	3.10	42.96
PK	882.63M	42.56	46.00	-3.44	-13.40	3	Vertical	173	1.50	"Worst"	55.96	26.28	3.23	42.91

Mode 4



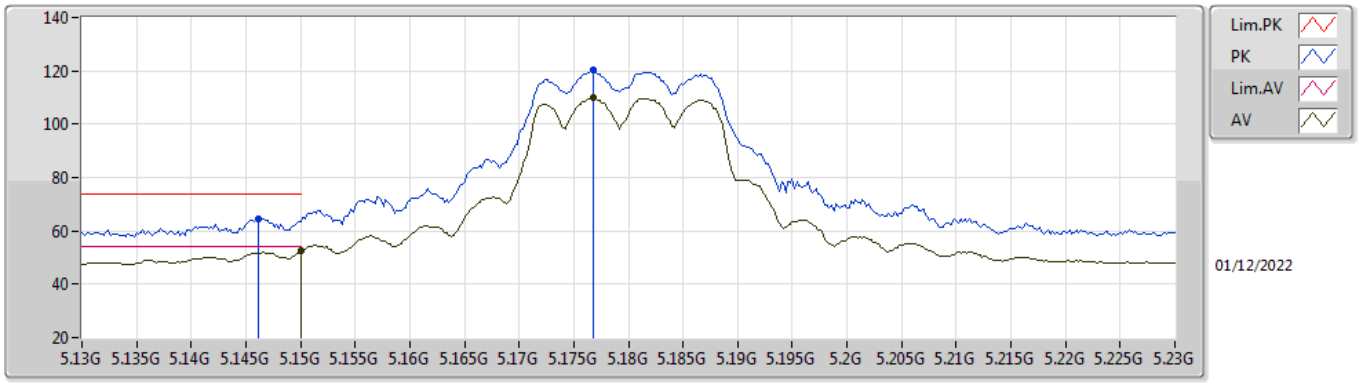
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	32.91M	35.96	40.00	-4.04	-20.54	3	Horizontal	41	1.25	-	56.50	22.83	0.65	44.02
PK	61.04M	31.68	40.00	-8.32	-30.28	3	Horizontal	34	1.25	-	61.96	12.96	0.87	44.11
PK	137.67M	34.83	43.50	-8.67	-25.43	3	Horizontal	33	1.25	-	60.26	17.38	1.28	44.09
PK	250.19M	33.14	46.00	-12.86	-23.92	3	Horizontal	48	1.25	-	57.06	18.23	1.74	43.89
PK	815.7M	41.37	46.00	-4.63	-13.73	3	Horizontal	8	2.00	-	55.10	26.13	3.10	42.96
PK	878.75M	41.98	46.00	-4.02	-13.43	3	Horizontal	0	1.00	"Worst"	55.41	26.27	3.22	42.92

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss2,(MCS0)_2TX	Pass	PK	5.951G	67.87	68.20	-0.33	3	Vertical	308	2.26	-

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

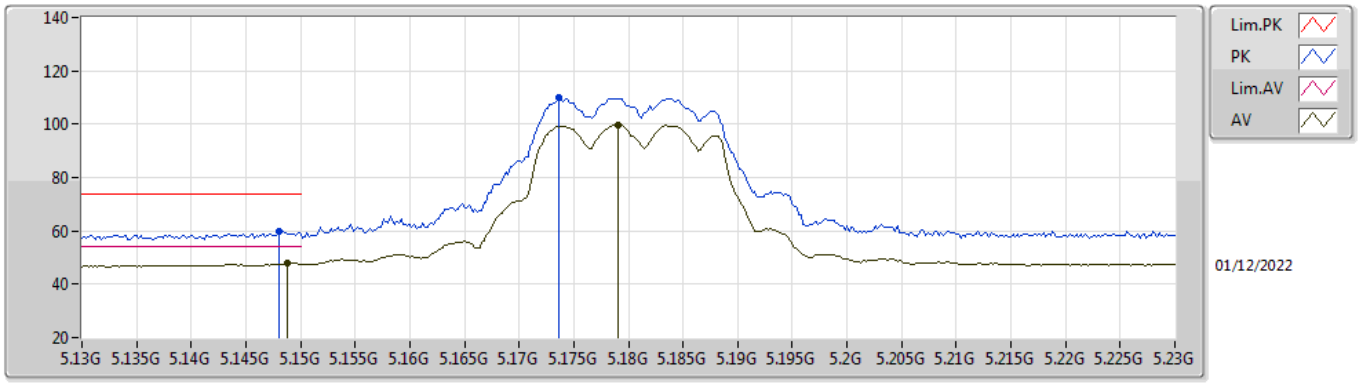


EUT Z_2TX
Setting 22
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1462G	64.56	74.00	-9.44	55.93	3	Vertical	178	1.18	-	33.59	5.77	30.73
AV	5.15G	52.37	54.00	-1.63	43.72	3	Vertical	178	1.18	-	33.60	5.78	30.73
PK	5.1768G	120.36	Inf	-Inf	111.65	3	Vertical	178	1.18	-	33.65	5.79	30.73
AV	5.1768G	109.93	Inf	-Inf	101.22	3	Vertical	178	1.18	-	33.65	5.79	30.73

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

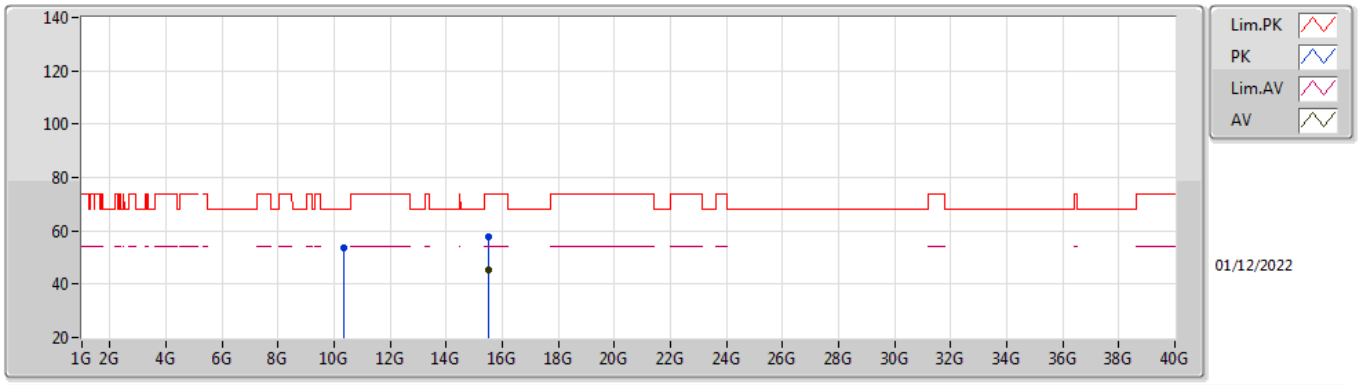


EUT Z_2TX
Setting 22
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.148G	60.01	74.00	-13.99	51.37	3	Horizontal	243	1.99	-	33.60	5.77	30.73
AV	5.1488G	47.90	54.00	-6.10	39.26	3	Horizontal	243	1.99	-	33.60	5.77	30.73
PK	5.1736G	109.95	Inf	-Inf	101.24	3	Horizontal	243	1.99	-	33.65	5.79	30.73
AV	5.179G	99.85	Inf	-Inf	91.13	3	Horizontal	243	1.99	-	33.66	5.79	30.73

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

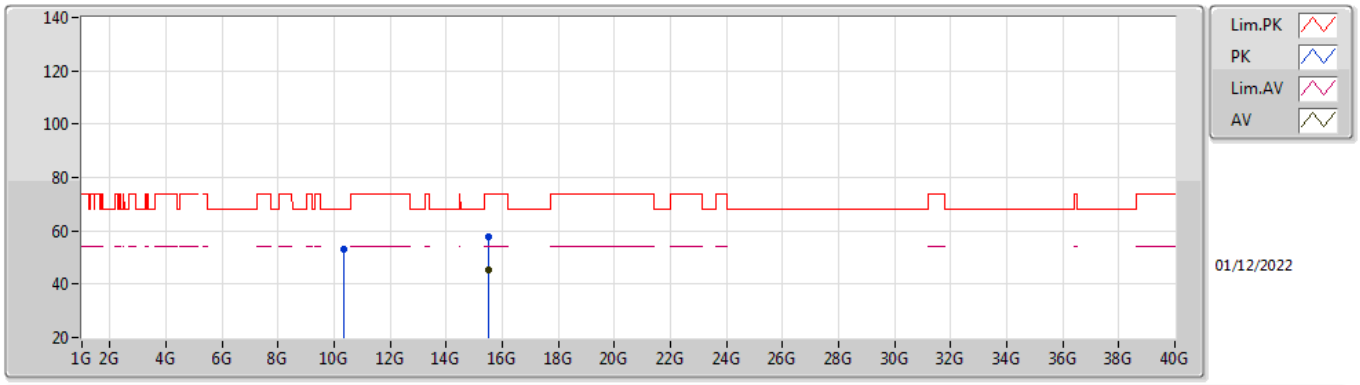


EUT Z_2TX
Setting 22
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.365G	53.37	68.20	-14.83	38.14	3	Vertical	296	1.51	-	38.63	8.43	31.83
PK	15.5178G	57.76	74.00	-16.24	40.80	3	Vertical	316	2.89	-	37.99	10.31	31.34
AV	15.528G	45.53	54.00	-8.47	28.63	3	Vertical	316	2.89	-	37.93	10.31	31.34

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

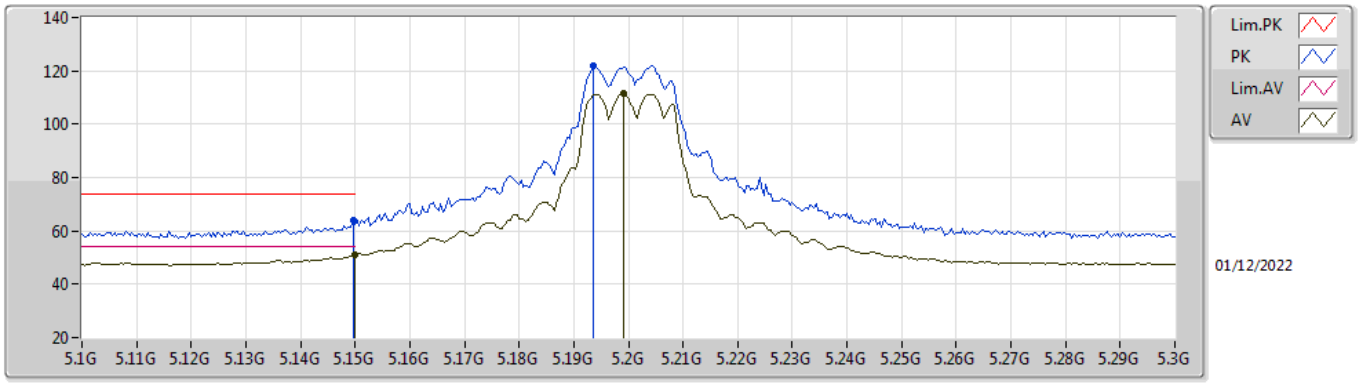


EUT Z_2TX
Setting 22
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3397G	53.33	68.20	-14.87	38.07	3	Horizontal	17	2.85	-	38.66	8.42	31.82
PK	15.5307G	57.68	74.00	-16.32	40.80	3	Horizontal	243	2.20	-	37.92	10.31	31.35
AV	15.5231G	45.29	54.00	-8.71	28.36	3	Horizontal	243	2.20	-	37.96	10.31	31.34

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

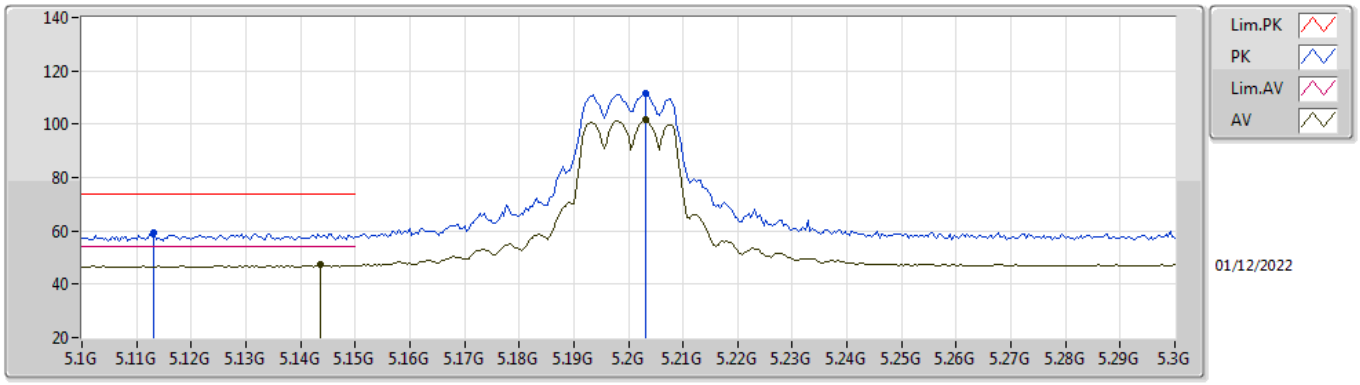


EUT Z_2TX
Setting 24
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	64.07	74.00	-9.93	55.43	3	Vertical	197	1.58	-	33.60	5.77	30.73
AV	5.15G	50.78	54.00	-3.22	42.13	3	Vertical	197	1.58	-	33.60	5.78	30.73
PK	5.1936G	121.86	Inf	-Inf	113.10	3	Vertical	197	1.58	-	33.69	5.80	30.73
AV	5.1992G	111.51	Inf	-Inf	102.74	3	Vertical	197	1.58	-	33.70	5.80	30.73

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

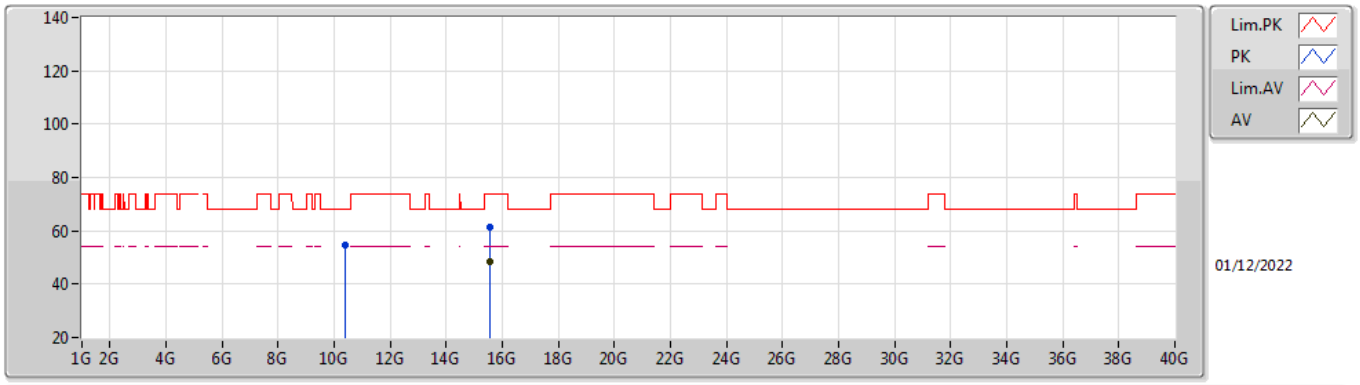


EUT Z_2TX
Setting 24
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1132G	59.54	74.00	-14.46	50.98	3	Horizontal	225	2.21	-	33.53	5.76	30.73
AV	5.1436G	47.23	54.00	-6.77	38.60	3	Horizontal	225	2.21	-	33.59	5.77	30.73
PK	5.2032G	111.43	Inf	-Inf	102.66	3	Horizontal	225	2.21	-	33.70	5.80	30.73
AV	5.2032G	101.49	Inf	-Inf	92.72	3	Horizontal	225	2.21	-	33.70	5.80	30.73

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

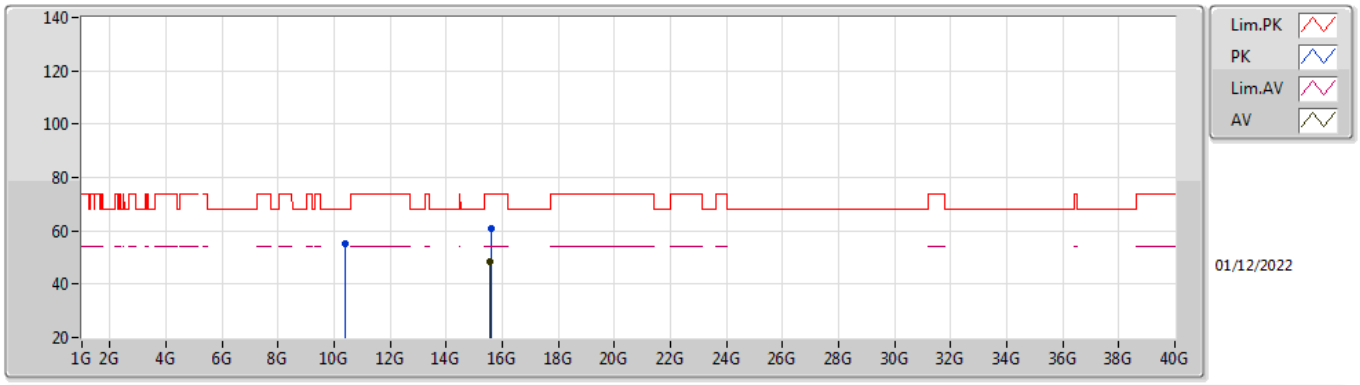


EUT Z_2TX
Setting 24
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3859G	54.90	68.20	-13.30	38.05	3	Vertical	308	1.38	-	38.19	12.21	33.55
PK	15.5813G	61.44	74.00	-12.56	41.58	3	Vertical	189	1.52	-	38.13	16.28	34.55
AV	15.5752G	48.68	54.00	-5.32	28.77	3	Vertical	189	1.52	-	38.17	16.28	34.54

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

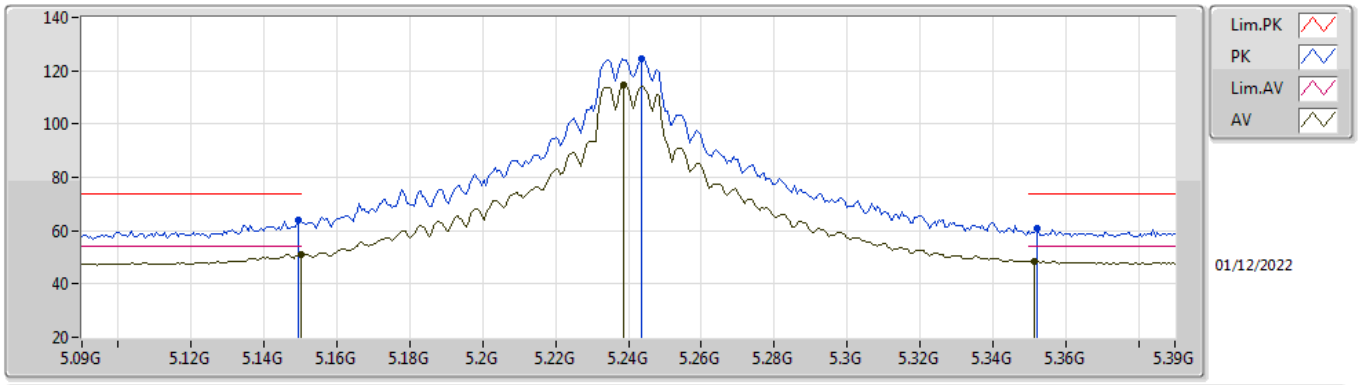


EUT Z_2TX
Setting 24
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.402G	55.17	68.20	-13.03	38.23	3	Horizontal	265	1.64	-	38.20	12.22	33.48
PK	15.5844G	61.12	74.00	-12.88	41.28	3	Horizontal	93	2.90	-	38.11	16.28	34.55
AV	15.5752G	48.30	54.00	-5.70	28.39	3	Horizontal	93	2.90	-	38.17	16.28	34.54

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

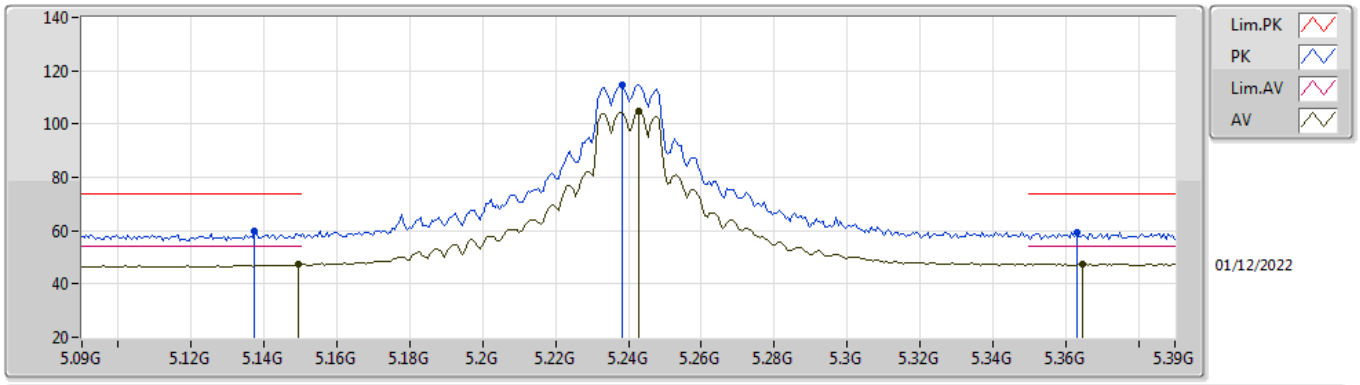


EUT Z_2TX
Setting 28
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	64.07	74.00	-9.93	55.43	3	Vertical	197	1.72	-	33.60	5.77	30.73
AV	5.15G	51.02	54.00	-2.98	42.37	3	Vertical	197	1.72	-	33.60	5.78	30.73
PK	5.2436G	124.62	Inf	-Inf	115.83	3	Vertical	197	1.72	-	33.70	5.82	30.73
AV	5.2388G	114.51	Inf	-Inf	105.72	3	Vertical	197	1.72	-	33.70	5.82	30.73
PK	5.3522G	60.85	74.00	-13.15	51.79	3	Vertical	197	1.72	-	33.90	5.88	30.72
AV	5.3516G	48.55	54.00	-5.45	39.49	3	Vertical	197	1.72	-	33.90	5.88	30.72

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

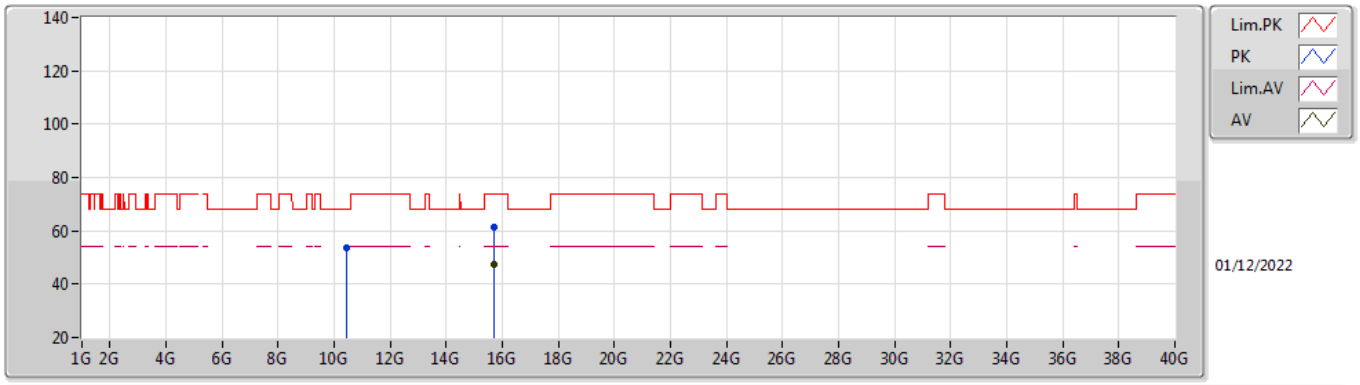


EUT Z_2TX
Setting 28
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1374G	59.72	74.00	-14.28	51.11	3	Horizontal	224	2.14	-	33.57	5.77	30.73
AV	5.1494G	47.38	54.00	-6.62	38.74	3	Horizontal	224	2.14	-	33.60	5.77	30.73
PK	5.2382G	114.78	Inf	-Inf	105.99	3	Horizontal	224	2.14	-	33.70	5.82	30.73
AV	5.243G	104.64	Inf	-Inf	95.85	3	Horizontal	224	2.14	-	33.70	5.82	30.73
PK	5.363G	59.42	74.00	-14.58	50.33	3	Horizontal	224	2.14	-	33.93	5.88	30.72
AV	5.3648G	47.46	54.00	-6.54	38.37	3	Horizontal	224	2.14	-	33.93	5.88	30.72

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

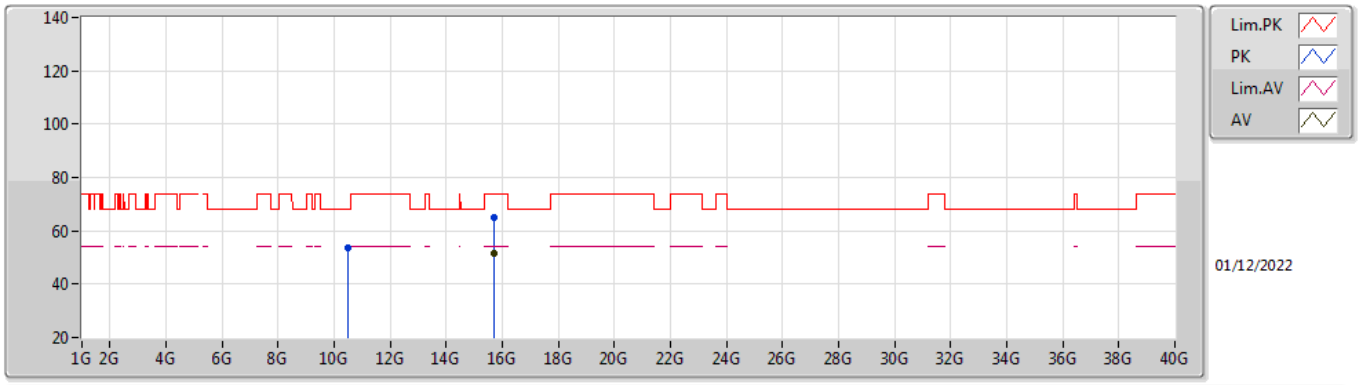


EUT Z_2TX
Setting 28
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4573G	53.73	68.20	-14.47	38.51	3	Vertical	185	1.33	-	38.60	8.46	31.84
PK	15.7214G	61.28	74.00	-12.72	44.84	3	Vertical	205	2.60	-	37.50	10.39	31.45
AV	15.7166G	47.46	54.00	-6.54	31.01	3	Vertical	205	2.60	-	37.50	10.39	31.44

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

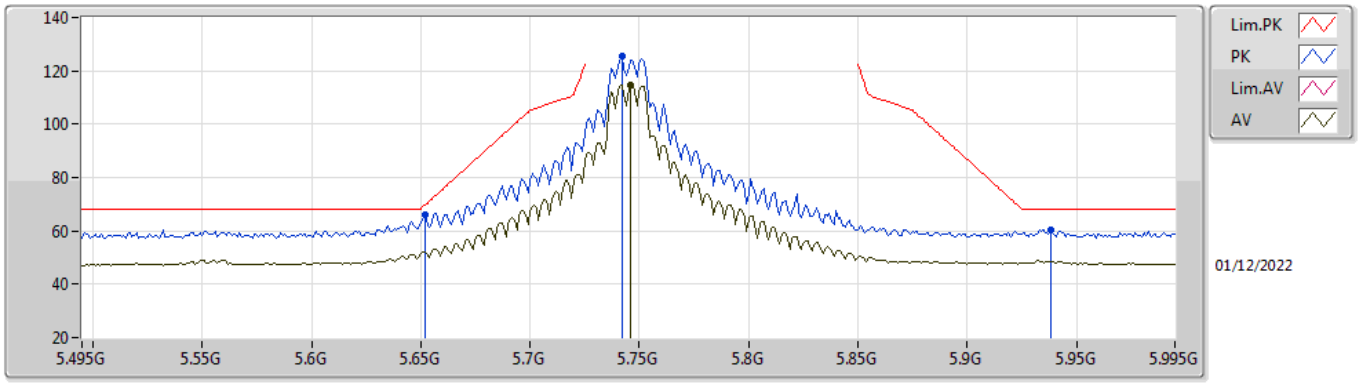


EUT Z_2TX
Setting 28
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4808G	53.72	68.20	-14.48	38.50	3	Horizontal	238	1.77	-	38.60	8.47	31.85
PK	15.7218G	65.13	74.00	-8.87	48.69	3	Horizontal	173	2.37	-	37.50	10.39	31.45
AV	15.7213G	51.70	54.00	-2.30	35.26	3	Horizontal	173	2.37	-	37.50	10.39	31.45

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

5745MHz_TX

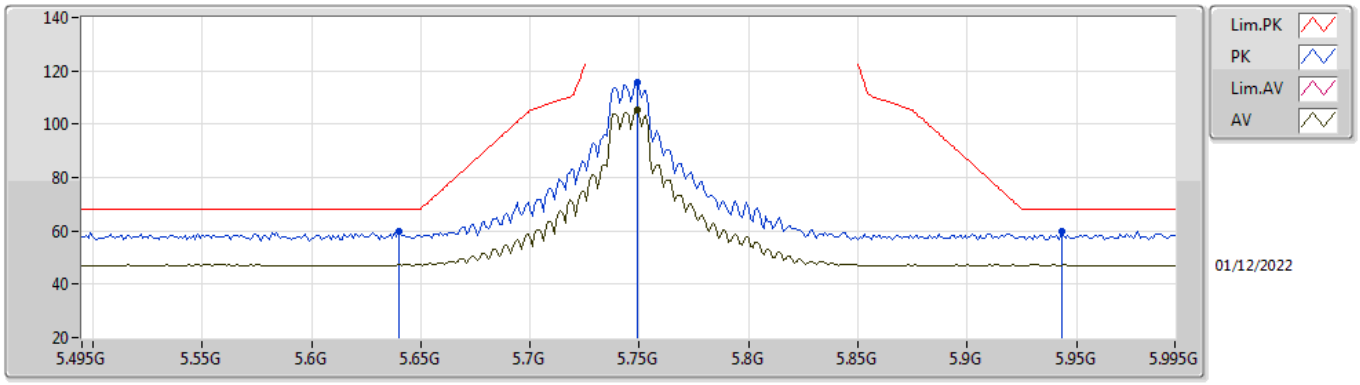


EUT Z_2TX
Setting 28
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.652G	66.05	69.68	-3.63	56.99	3	Vertical	221	1.96	-	33.80	6.10	30.84
PK	5.742G	125.28	Inf	-Inf	116.26	3	Vertical	221	1.96	-	33.82	6.10	30.90
AV	5.746G	114.85	Inf	-Inf	105.85	3	Vertical	221	1.96	-	33.81	6.10	30.91
PK	5.938G	60.52	68.20	-7.68	51.16	3	Vertical	221	1.96	-	34.18	6.23	31.05

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

5745MHz_TX

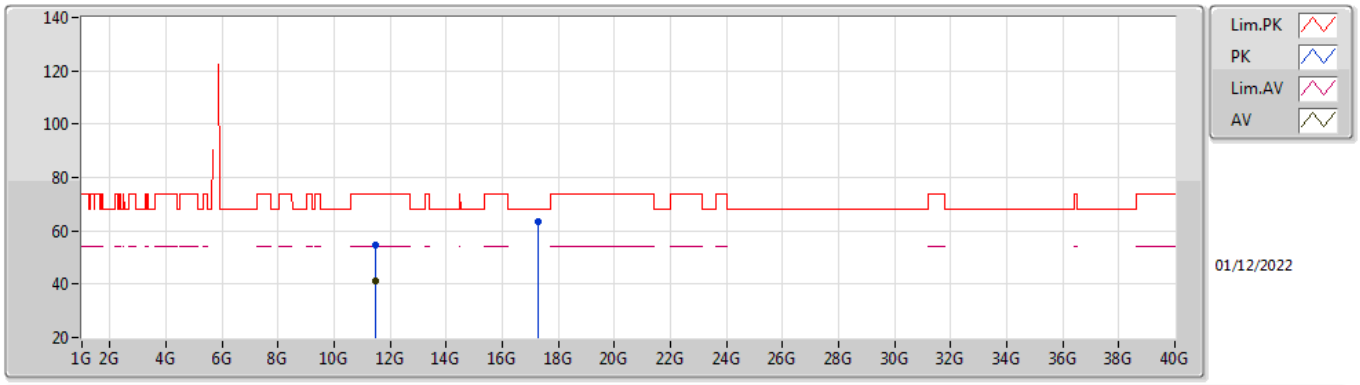


EUT Z_2TX
Setting 28
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.64G	60.03	68.20	-8.17	50.94	3	Horizontal	240	2.26	-	33.82	6.10	30.83
PK	5.749G	115.80	Inf	-Inf	106.81	3	Horizontal	240	2.26	-	33.80	6.10	30.91
AV	5.749G	105.09	Inf	-Inf	96.10	3	Horizontal	240	2.26	-	33.80	6.10	30.91
PK	5.943G	59.78	68.20	-8.42	50.41	3	Horizontal	240	2.26	-	34.19	6.24	31.06

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

5745MHz_TX

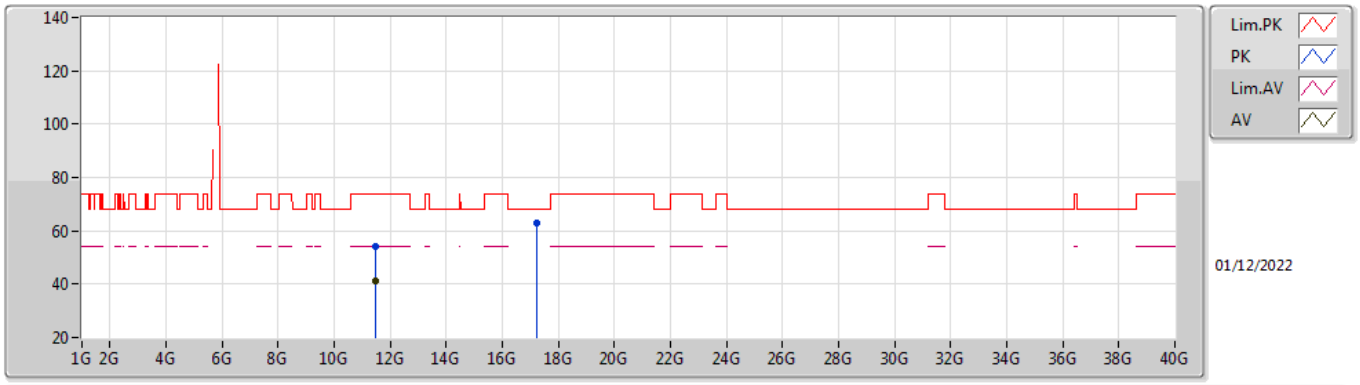


EUT Z_2TX
Setting 28
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4913G	54.83	74.00	-19.17	39.15	3	Vertical	134	2.20	-	38.98	8.82	32.12
AV	11.4809G	41.11	54.00	-12.89	25.44	3	Vertical	134	2.20	-	38.96	8.82	32.11
PK	17.2583G	63.49	68.20	-4.71	40.49	3	Vertical	79	1.80	-	42.29	10.94	30.23

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

5745MHz_TX

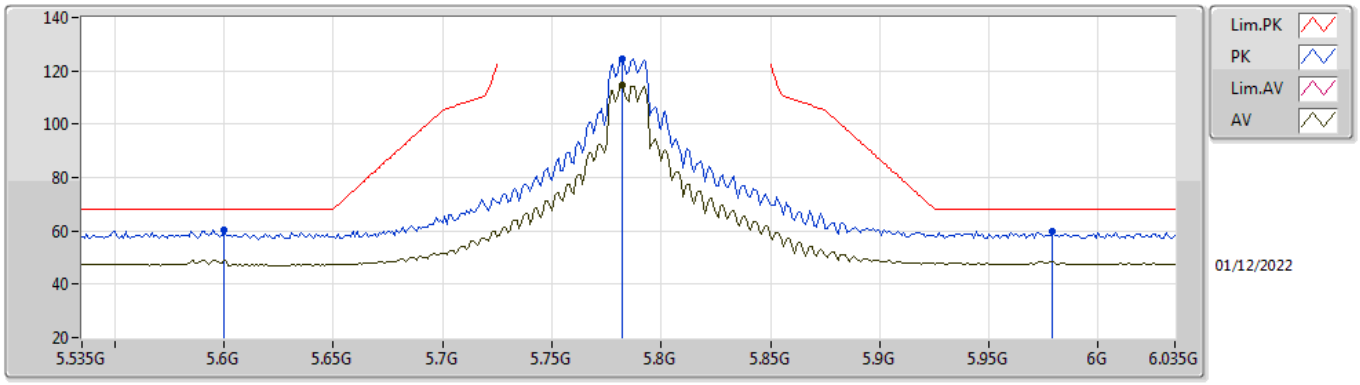


EUT Z_2TX
Setting 28
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4713G	54.16	74.00	-19.84	38.52	3	Horizontal	265	2.86	-	38.94	8.81	32.11
AV	11.4831G	41.23	54.00	-12.77	25.55	3	Horizontal	265	2.86	-	38.97	8.82	32.11
PK	17.2325G	63.17	68.20	-5.03	40.32	3	Horizontal	60	1.80	-	42.16	10.93	30.24

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

5785MHz_TX

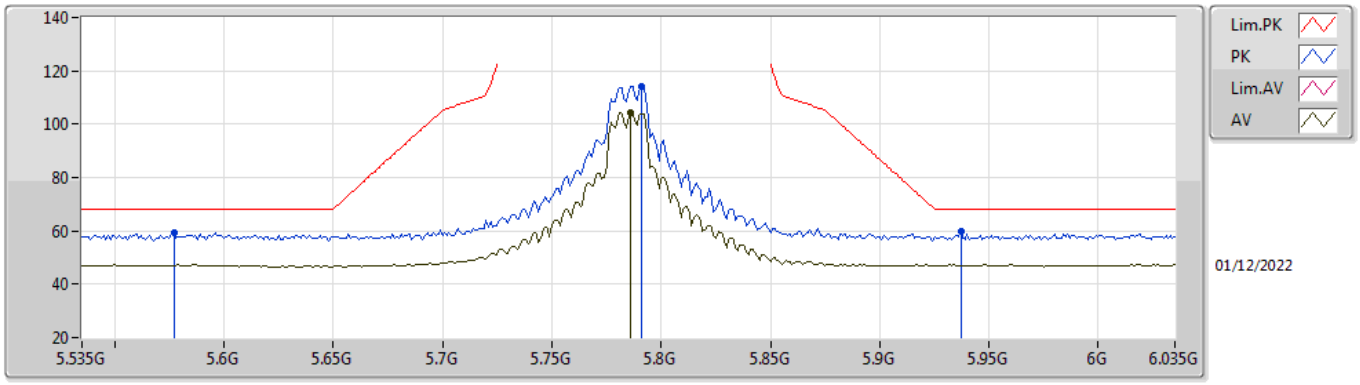


EUT Z_2TX
Setting 28
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6G	60.26	68.20	-7.94	51.06	3	Vertical	307	2.26	-	33.90	6.10	30.80
PK	5.782G	124.74	Inf	-Inf	115.77	3	Vertical	307	2.26	-	33.80	6.10	30.93
AV	5.782G	114.80	Inf	-Inf	105.83	3	Vertical	307	2.26	-	33.80	6.10	30.93
PK	5.979G	60.03	68.20	-8.17	50.63	3	Vertical	307	2.26	-	34.20	6.28	31.08

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

5785MHz_TX

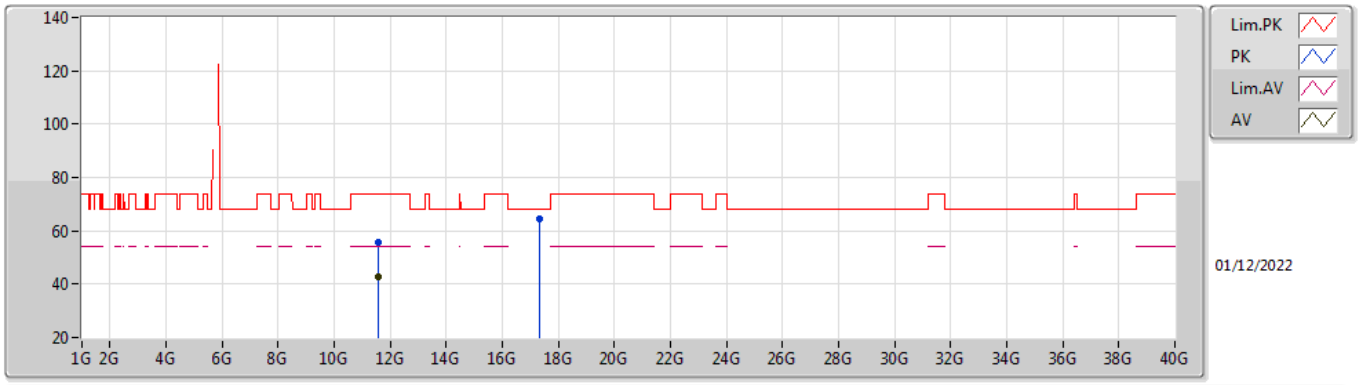


EUT Z_2TX
Setting 28
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.577G	59.37	68.20	-8.83	50.12	3	Horizontal	240	2.35	-	33.95	6.08	30.78
PK	5.791G	113.98	Inf	-Inf	105.02	3	Horizontal	240	2.35	-	33.80	6.10	30.94
AV	5.786G	104.47	Inf	-Inf	95.51	3	Horizontal	240	2.35	-	33.80	6.10	30.94
PK	5.937G	59.72	68.20	-8.48	50.37	3	Horizontal	240	2.35	-	34.17	6.23	31.05

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

5785MHz_TX

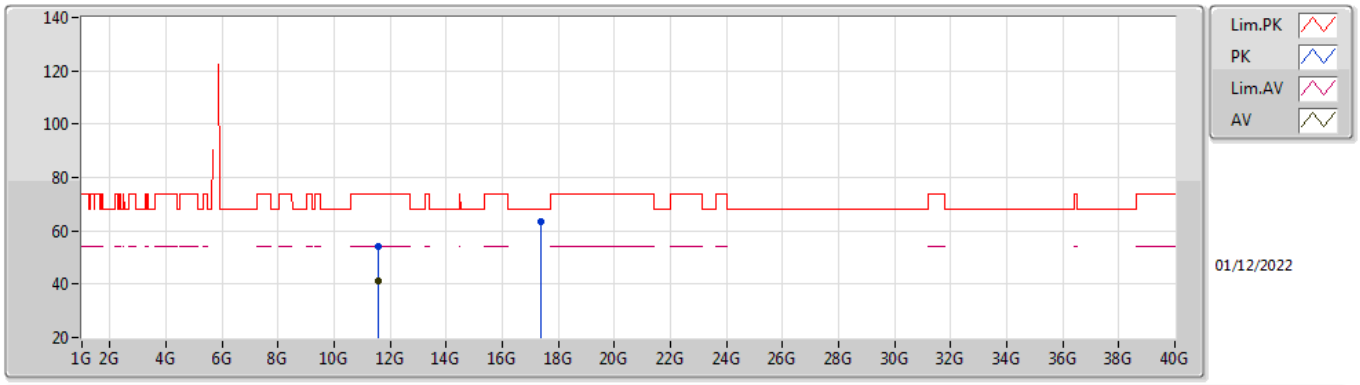


EUT Z_2TX
Setting 28
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5887G	55.93	74.00	-18.07	38.61	3	Vertical	3	2.23	-	39.35	12.87	34.90
AV	11.5701G	42.57	54.00	-11.43	25.33	3	Vertical	3	2.23	-	39.28	12.86	34.90
PK	17.3399G	64.43	68.20	-3.77	39.74	3	Vertical	206	2.61	-	41.36	17.50	34.17

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

5785MHz_TX

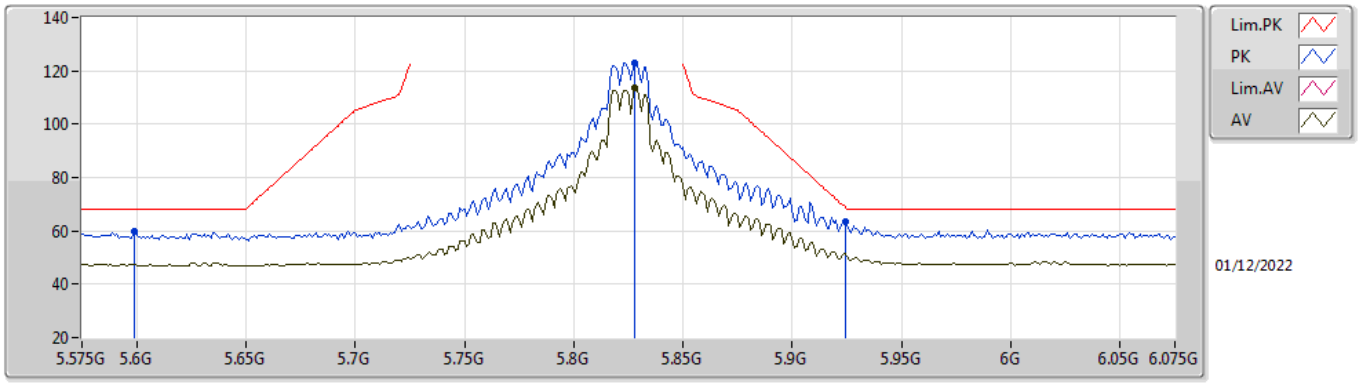


EUT Z_2TX
Setting 28
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5659G	54.05	74.00	-19.95	38.16	3	Horizontal	274	1.54	-	39.20	8.85	32.16
AV	11.5641G	41.13	54.00	-12.87	25.25	3	Horizontal	274	1.54	-	39.19	8.85	32.16
PK	17.3538G	63.64	68.20	-4.56	40.07	3	Horizontal	49	1.80	-	42.82	10.97	30.22

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

5825MHz_TX

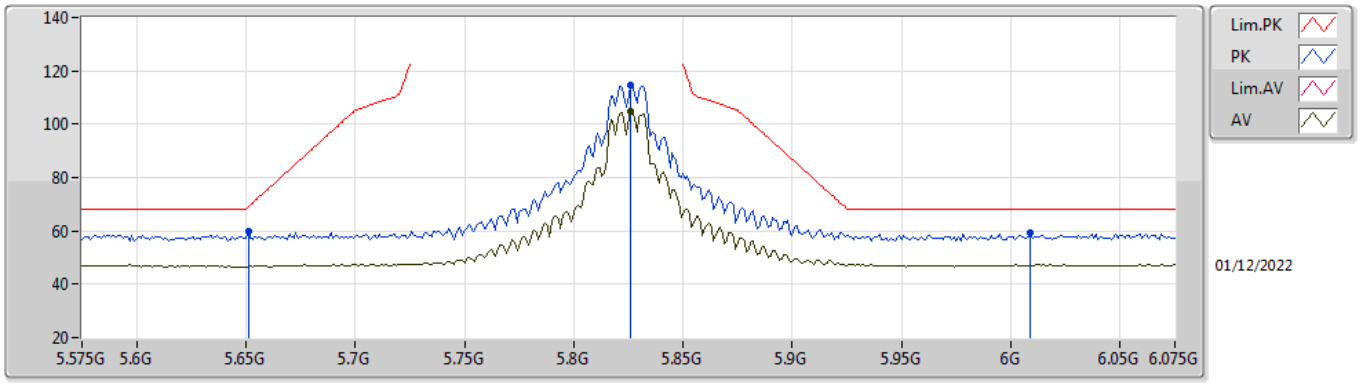


EUT Z_2TX
Setting 28
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.599G	59.64	68.20	-8.56	50.44	3	Vertical	31	1.99	-	33.90	6.10	30.80
PK	5.828G	123.13	Inf	-Inf	114.18	3	Vertical	31	1.99	-	33.80	6.12	30.97
AV	5.828G	113.48	Inf	-Inf	104.53	3	Vertical	31	1.99	-	33.80	6.12	30.97
PK	5.924G	63.41	68.94	-5.53	54.08	3	Vertical	31	1.99	-	34.15	6.22	31.04

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

5825MHz_TX

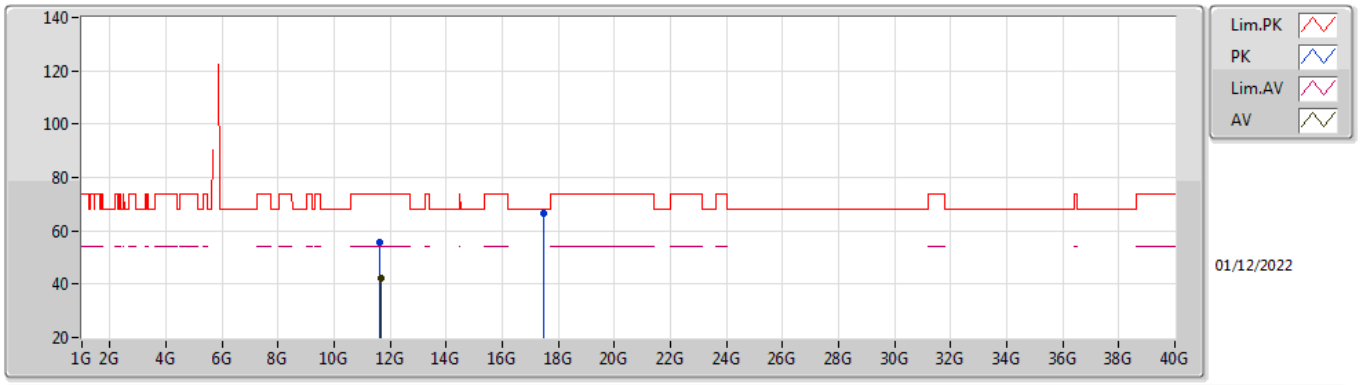


EUT Z_2TX
Setting 28
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.651G	59.64	68.94	-9.30	50.57	3	Horizontal	237	2.32	-	33.80	6.10	30.83
PK	5.826G	114.60	Inf	-Inf	105.65	3	Horizontal	237	2.32	-	33.80	6.12	30.97
AV	5.826G	104.65	Inf	-Inf	95.70	3	Horizontal	237	2.32	-	33.80	6.12	30.97
PK	6.009G	59.10	68.20	-9.10	49.68	3	Horizontal	237	2.32	-	34.22	6.30	31.10

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

5825MHz_TX

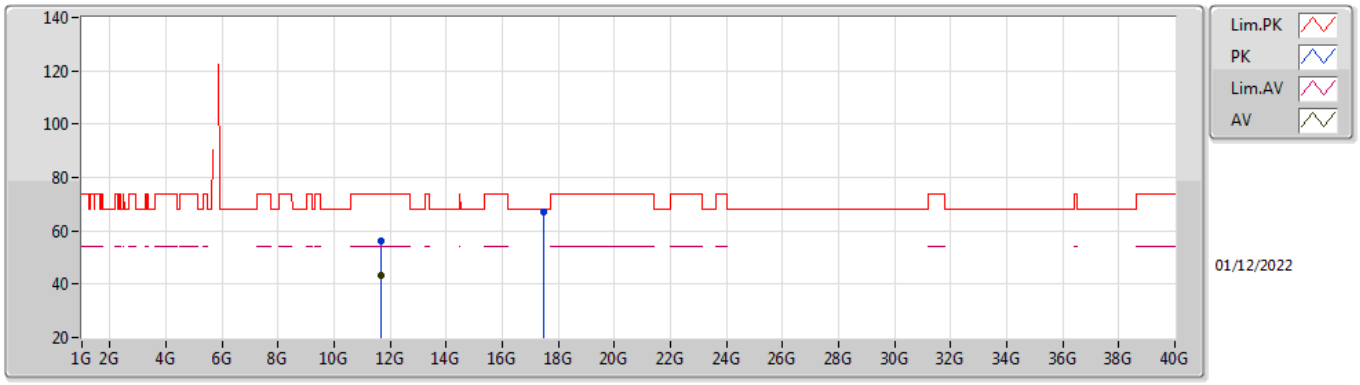


EUT Z_2TX
Setting 28
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.63608G	55.73	74.00	-18.27	39.69	3	Vertical	140	2.28	-	39.37	8.87	32.20
AV	11.65642G	42.40	54.00	-11.60	26.32	3	Vertical	140	2.28	-	39.41	8.88	32.21
PK	17.4873G	66.69	68.20	-1.51	42.08	3	Vertical	163	2.26	-	43.80	11.02	30.21

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

5825MHz_TX

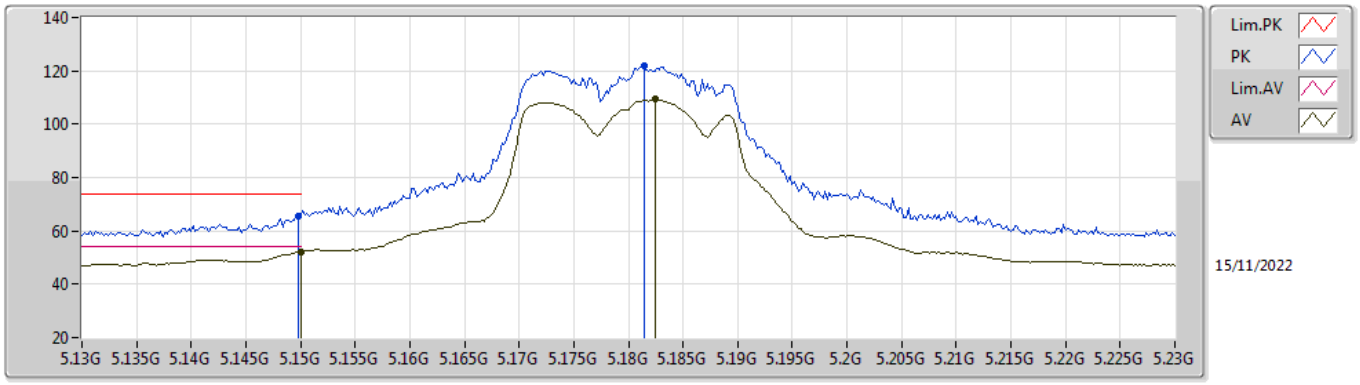


EUT Z_2TX
Setting 28
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6528G	56.05	74.00	-17.95	39.97	3	Horizontal	210	2.81	-	39.41	8.88	32.21
AV	11.652G	43.26	54.00	-10.74	27.19	3	Horizontal	210	2.81	-	39.40	8.88	32.21
PK	17.48226G	67.22	68.20	-0.98	42.65	3	Horizontal	149	2.32	-	43.76	11.02	30.21

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX



EUT Z_2TX
Setting 21.5
03-C-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1498G	65.62	74.00	-8.38	59.75	3	Vertical	195	1.18	-	34.00	6.75	34.88
AV	5.15G	52.32	54.00	-1.68	46.45	3	Vertical	195	1.18	-	34.00	6.75	34.88
PK	5.1814G	121.75	Inf	-Inf	115.72	3	Vertical	195	1.18	-	34.13	6.78	34.88
AV	5.1824G	109.24	Inf	-Inf	103.21	3	Vertical	195	1.18	-	34.13	6.78	34.88