

FCC Radio Test Report

FCC ID : C3K2043
Equipment : Desktop Computer
Brand Name : Microsoft Corporation
Model Name : 2043
Applicant : Microsoft Corporation
One Microsoft Way Redmond, WA 98052
Redmond
Manufacturer : Microsoft Corporation
One Microsoft Way Redmond, WA 98052
Redmond
Standard : 47 CFR FCC Part 15.407

The product was received on Feb. 24, 2022, and testing was started from Feb. 24, 2022 and completed on Jul. 27, 2022. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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Summary of Test Result

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

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

None

Reviewed by: Ben Tseng

Report Producer: Jenny Yang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

Full RU

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.15-5.25GHz	802.11n HT20	20	2TX
5.25-5.35GHz	802.11n HT20	20	2TX
5.47-5.725GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.15-5.25GHz	802.11n HT40	40	2TX
5.25-5.35GHz	802.11n HT40	40	2TX
5.47-5.725GHz	802.11n HT40	40	2TX



Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11n HT40	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.25-5.35GHz	802.11ac VHT80	80	2TX
5.47-5.725GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX
5.15-5.25GHz	802.11ac VHT160	160	2TX
5.25-5.35GHz	802.11ac VHT160	160	2TX
5.47-5.725GHz	802.11ac VHT160	160	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.25-5.35GHz	802.11ax HEW20	20	2TX
5.47-5.725GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.25-5.35GHz	802.11ax HEW40	40	2TX
5.47-5.725GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX
5.25-5.35GHz	802.11ax HEW80	80	2TX
5.47-5.725GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX
5.15-5.25GHz	802.11ax HEW160	160	2TX
5.25-5.35GHz	802.11ax HEW160	160	2TX
5.47-5.725GHz	802.11ax HEW160	160	2TX

Partial RU

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.25-5.35GHz	802.11ax HEW20	20	2TX
5.47-5.725GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.25-5.35GHz	802.11ax HEW40	40	2TX
5.47-5.725GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX
5.25-5.35GHz	802.11ax HEW80	80	2TX

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX
5.15-5.25GHz	802.11ax HEW160	160	2TX
5.25-5.35GHz	802.11ax HEW160	160	2TX
5.47-5.725GHz	802.11ax HEW160	160	2TX

Note:

- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80, VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40, HEW80, HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.
- For 802.11ax20 partial tones, 802.11ax20 26T, 52T and 106T were tested which were the worst case configurations.
- For 802.11ax40 partial tones, only 802.11ax40 242T was tested which were the worst case configurations.
- For 802.11ax80 partial tones, only 802.11ax80 484T was tested which were the worst case configurations.
- For 802.11ax160 partial tones, only 802.11ax160 996T was tested which were the worst case configurations.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	AWAN	1415-09GL0QS	PIFA	I-Pex	2.4G+5G+BT
2	AWAN	1415-09GK0QS	PIFA	I-Pex	2.4G+5G

Antenna 1		Antenna 2	
Frequency (MHz)	Peak Gain (dBi)	Frequency (MHz)	Peak Gain (dBi)
2400	1.14	2400	1.93
2412	1.20	2412	2.16
2442	1.28	2442	2.40
2450	1.42	2450	2.47
2484	1.44	2484	2.83
2500	1.64	2500	2.80
5150	4.25	5150	4.55
5250	4.64	5250	4.69
5350	4.87	5350	4.68
5470	5.18	5470	5.10
5600	5.36	5600	5.27
5725	5.15	5725	5.57
5850	4.96	5850	5.65

Note 1: The EUT has two antennas.

**For 2.4GHz function:**

For IEEE 802.11 b/g/n/ax mode (1TX/1RX)

Support diversity function that each single chain was tested and recorded in this test report.

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

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

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 1 (port 1) could transmit/receive.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode (1TX/1RX)

Support diversity function that each single chain was tested and recorded in this test report.

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

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

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter			
EUT Function	☐	Outdoor AP	☐	Indoor AP
	☐	Fixed P2P AP	☒	Client
Beamforming Function	☐	With beamforming	☒	Without beamforming
TPC Function	☒	With TPC Function	☐	Without TPC Function
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Resource Unit(802.11ax)	☒	Full RU	☒	Partial RU
Type of EUT				
☒	Stand-alone			
☐	Combined (EUT where the radio part is fully integrated within another device)			
	Combined Equipment - Brand Name / Model No.: ...			
☐	Plug-in radio (EUT intended for a variety of host systems)			
	Host System - Brand Name / Model No.:			
☐	Other:			

1.1.4 Mode Test Duty Cycle

Full RU

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a_Nss1,(6Mbps)_2TX	0.992	0.03	2.096m	10
802.11n HT20_Nss1,(MCS0)_2TX	0.997	0.01	5.428m	10
802.11n HT40_Nss1,(MCS0)_2TX	0.997	0.01	5.428m	10
802.11ac VHT80_Nss1,(MCS0)_2TX	0.997	0.01	5.428m	10
802.11ac VHT160_Nss1,(MCS0)_2TX	0.997	0.01	5.428m	10
802.11ax HEW20_Nss1,(MCS0)_2TX	0.997	0.01	5.445m	1k
802.11ax HEW40_Nss1,(MCS0)_2TX	0.997	0.01	5.445m	1k
802.11ax HEW80_Nss1,(MCS0)_2TX	0.997	0.01	5.445m	1k
802.11ax HEW160_Nss1,(MCS0)_2TX	0.997	0.01	5.445m	1k

Partial RU

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW40_Nss1,(MCS0)_2TX	0.996	0.02	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW80_Nss1,(MCS0)_2TX	0.991	0.04	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW160_Nss1,(MCS0)_2TX	0.993	0.03	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

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

1.2 Testing Applied Standards

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

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

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

- ♦ KDB 662911 D01 v02r01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Wayne Chiu	21.6~22.7°C / 54~62%	27/Apr/2022~04/May/2022
RF Conducted	TH01-HY	Johnny Yu	22~25°C / 55~60%	24/Feb/2022~27/Jul/2022
Radiated	03CH02-HY	Lego Lin	20.1~25°C / 50~60%	01/Mar/2022~09/Jul/2022
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

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)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	QRCT 4.0.00189.0
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2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	Adapter mode
2	Adapter mode, Full port

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

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



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 5GHz (Full RU) A mode + Bluetooth BR
2	WLAN 5GHz (Partial RU) AX20 mode + Bluetooth BR
3	WLAN 5GHz (Full RU) A mode + WLAN 2.4GHz (Full RU) B mode
4	WLAN 5GHz (Full RU) AX20 mode + WLAN 2.4GHz (Full RU) AX20 mode
5	WLAN 2.4GHz (Partial RU) AX20 mode + WLAN 5GHz (Partial RU) AX20 mode
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	WLAN 2.4GHz + Bluetooth
2	WLAN 5GHz + Bluetooth
3	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA232102 for Co-location RF Exposure Evaluation.	



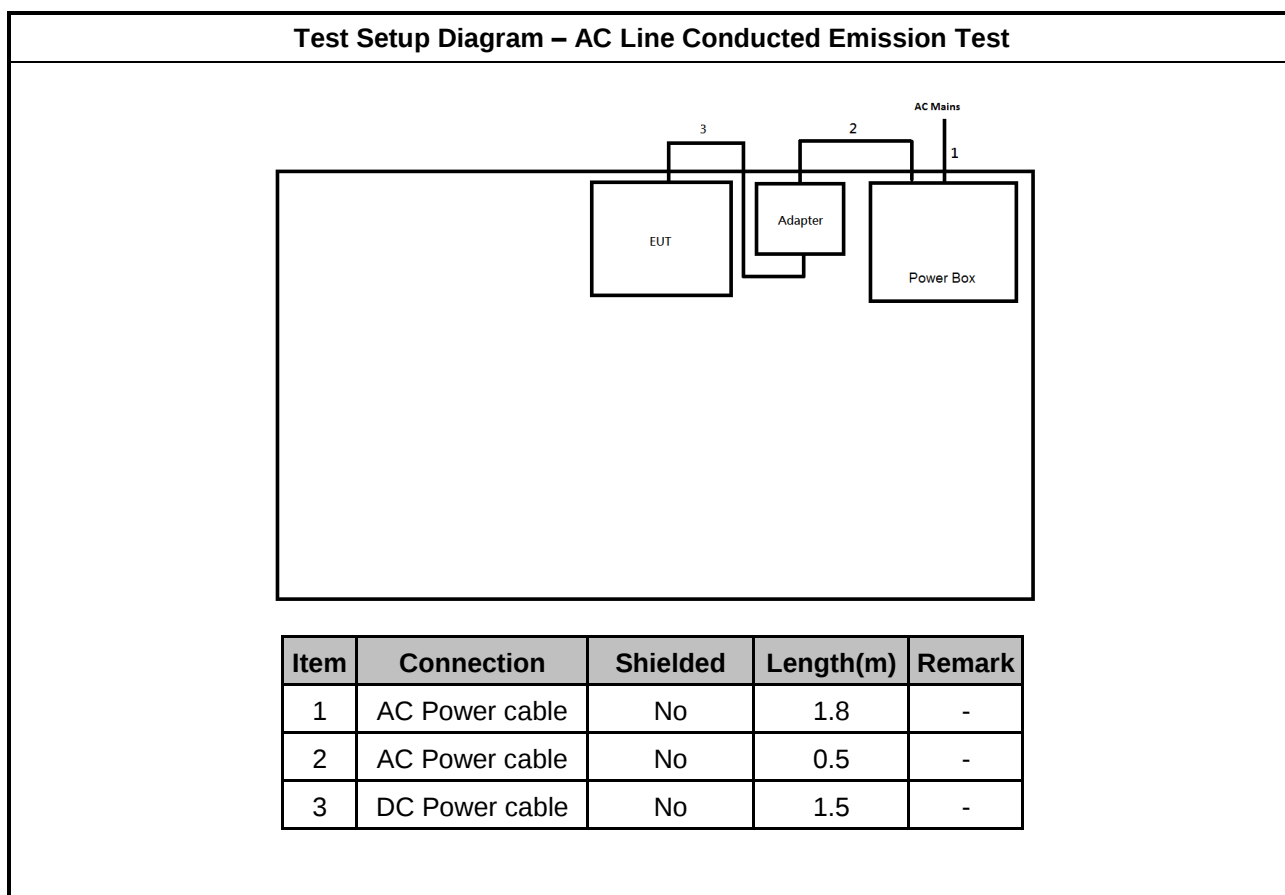
2.3 Support Equipment

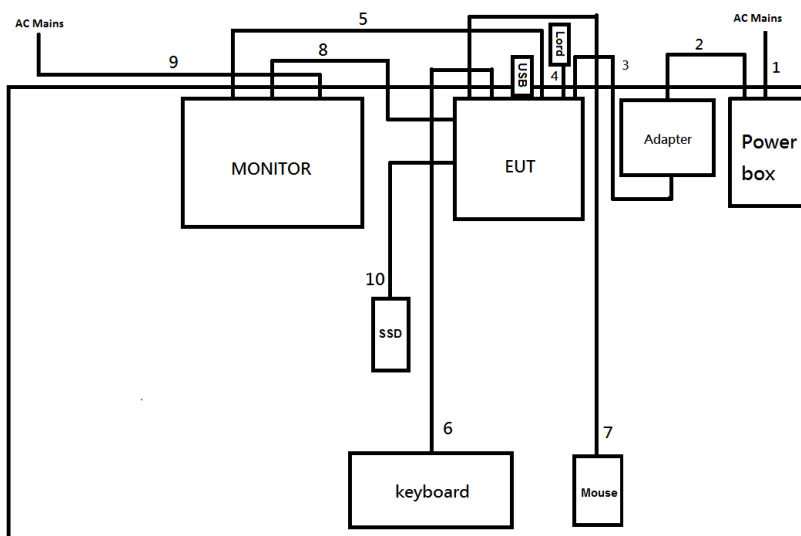
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Mouse(USB)	Lenovo	MOGOUO	-	-
2	Portable SSD(3.1)	TRANSCEND	TS240GESD240C	-	-
3	USB 3.0 Flash	SandDisk	SDDDC-128G-G36	-	-
4	Monitor	ASUS	PB287	-	-
5	Load	Sporton	Sporton	-	-
6	Keyboard	IBM	SK-8815	-	-
7	AC Adapter	Microsoft	1749	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Monitor	Lenovo	A18270FT0	-	-

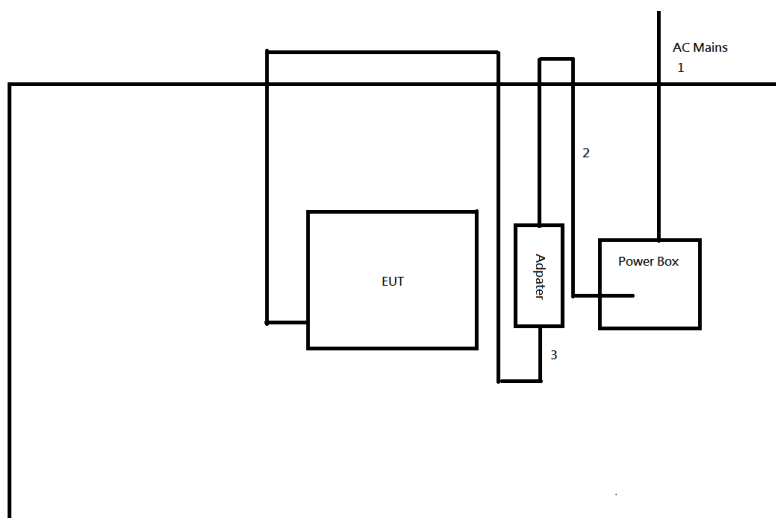
Support Equipment –Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Mouse(USB)	Lenovo	MOGOUO	-	-
2	Portable SSD(3.1)	TRANSCEND	TS240GESD240C	-	-
3	USB 3.0 Flash	SandDisk	SDDDC-128G-G36	-	-
4	Monitor	ASUS	PB287	-	-
5	Load	Sporton	Sporton	-	-
6	Keyboard	IBM	SK-8815	-	-
7	AC Adapter	Microsoft	1749	-	-

2.4 Test Setup Diagram

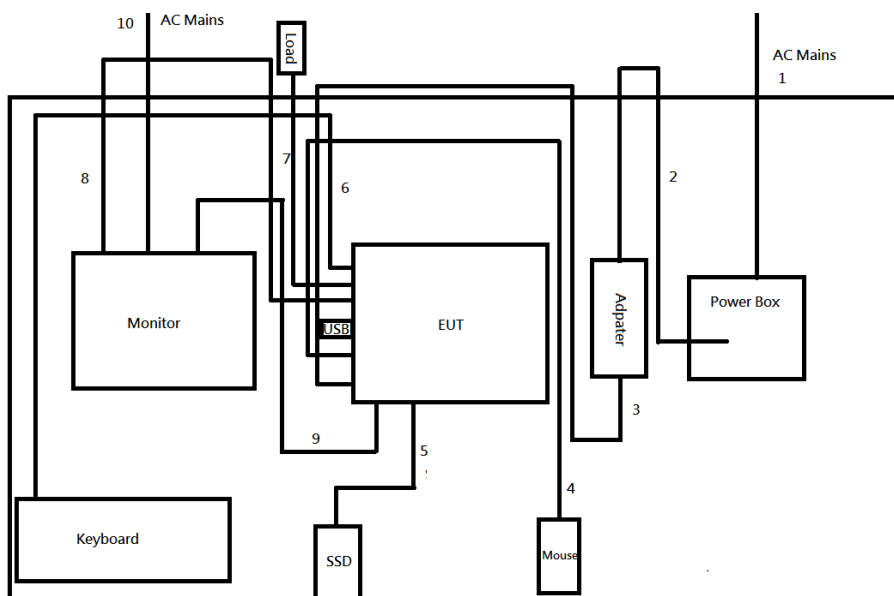


Test Setup Diagram - AC Line Conducted Emission Test (Full port)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	0.5	-
3	DC Power cable	No	1.5	-
4	RJ45 cable	No	1.0	-
5	Mini DP to DP	No	1.8	-
6	USB cable	No	1.7	-
7	USB cable	No	1.0	-
8	Type C to HDMI cable	No	1.8	-
9	AC Power cable	No	1.5	-
10	Type C to Type C cable	No	1.5	-

Test Setup Diagram – Radiated Test


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	0.5	-
3	DC Power cable	No	1.5	-

Test Setup Diagram - Radiated Test (Full port)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	0.5	-
3	DC Power cable	No	1.5	-
4	USB cable	No	1.0	-
5	Type C to Type C cable	No	1.5	-
6	USB cable	No	1.7	-
7	RJ45 cable	No	1.0	-
8	Mini DP to DP	No	1.8	-
9	Type C to HDMI cable	No	1.8	-
10	AC Power cable	No	1.5	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

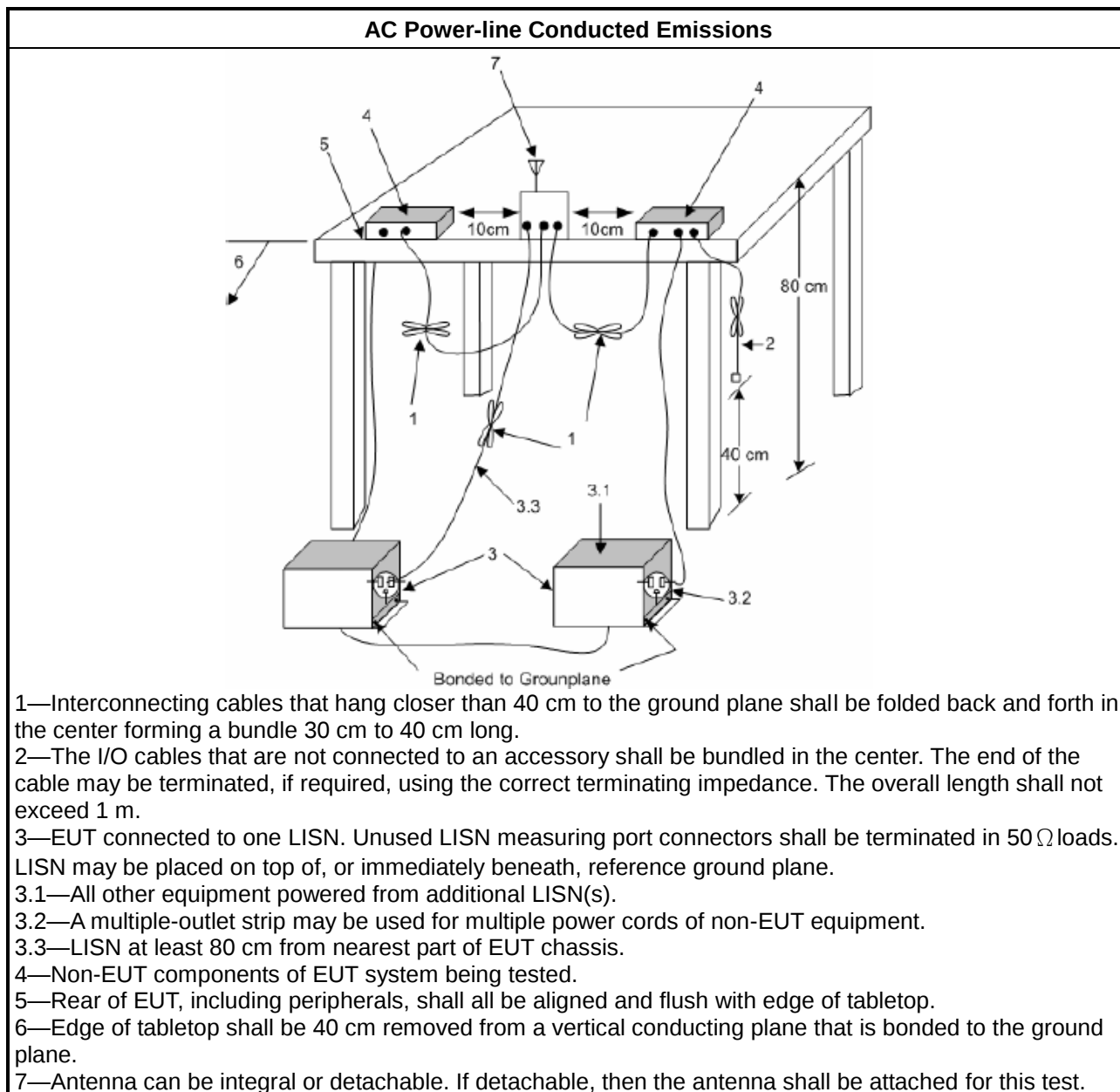
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, N/A
☒	For the 5.47-5.725 GHz band, N/A
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

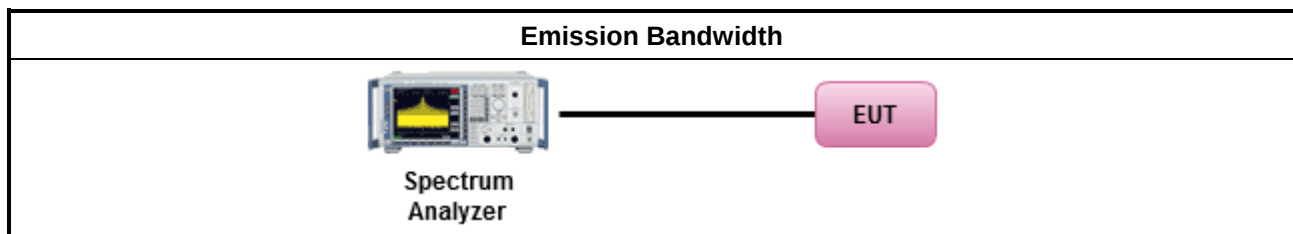
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

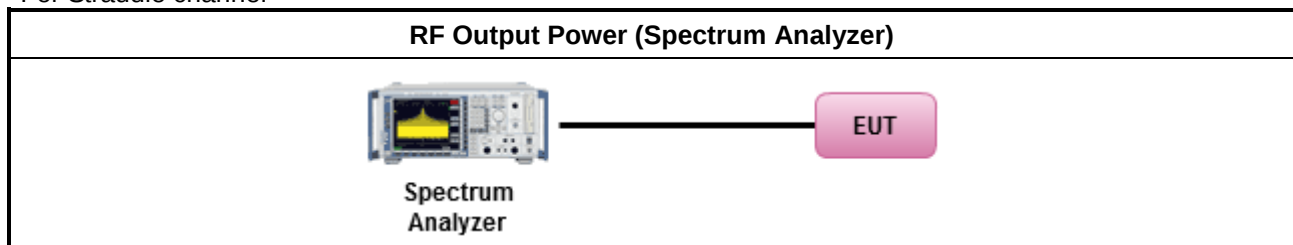
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

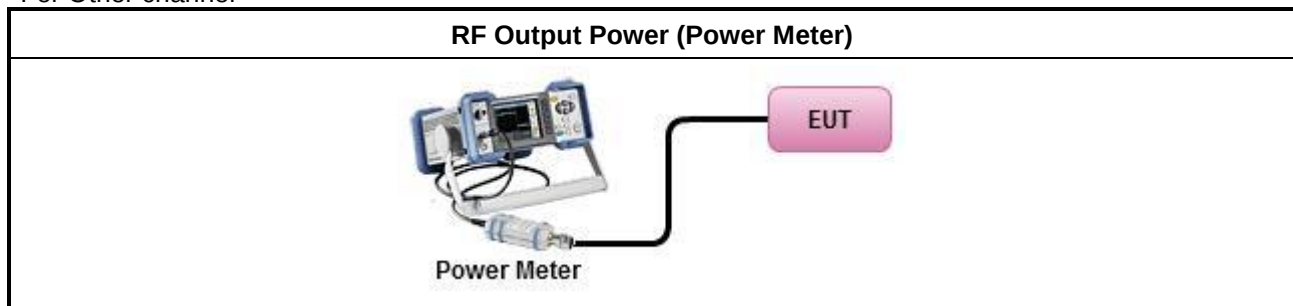
Test Method	
Maximum Conducted Output Power	
Duty cycle $\geq 98\%$	
☒ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).	
Duty cycle $< 98\%$	
☐ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
Wideband RF power meter and average over on/off periods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

3.3.4 Test Setup

For Straddle channel



For Other channel



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
☐	Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
☐	Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
☐	Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$.
☐	Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☒	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☒	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☒	For the 5.725-5.85 GHz band:
☐	Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$.
☐	Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.	

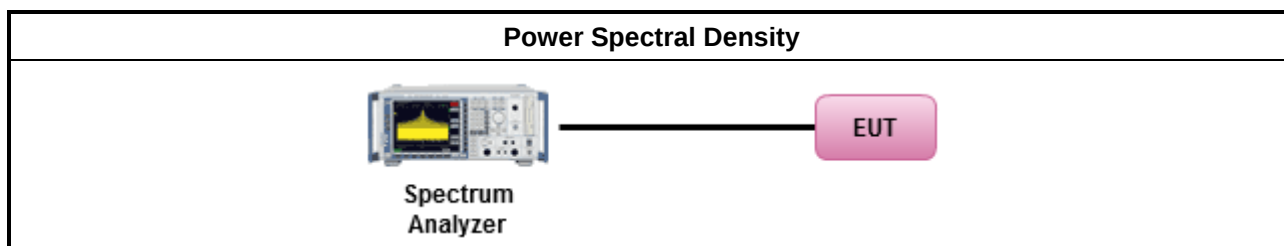
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐ Refer as KDB 789033, F5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth	
Duty cycle ≥ 98%	
☒ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).	
Duty cycle < 98%	
☐ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.	
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

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

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

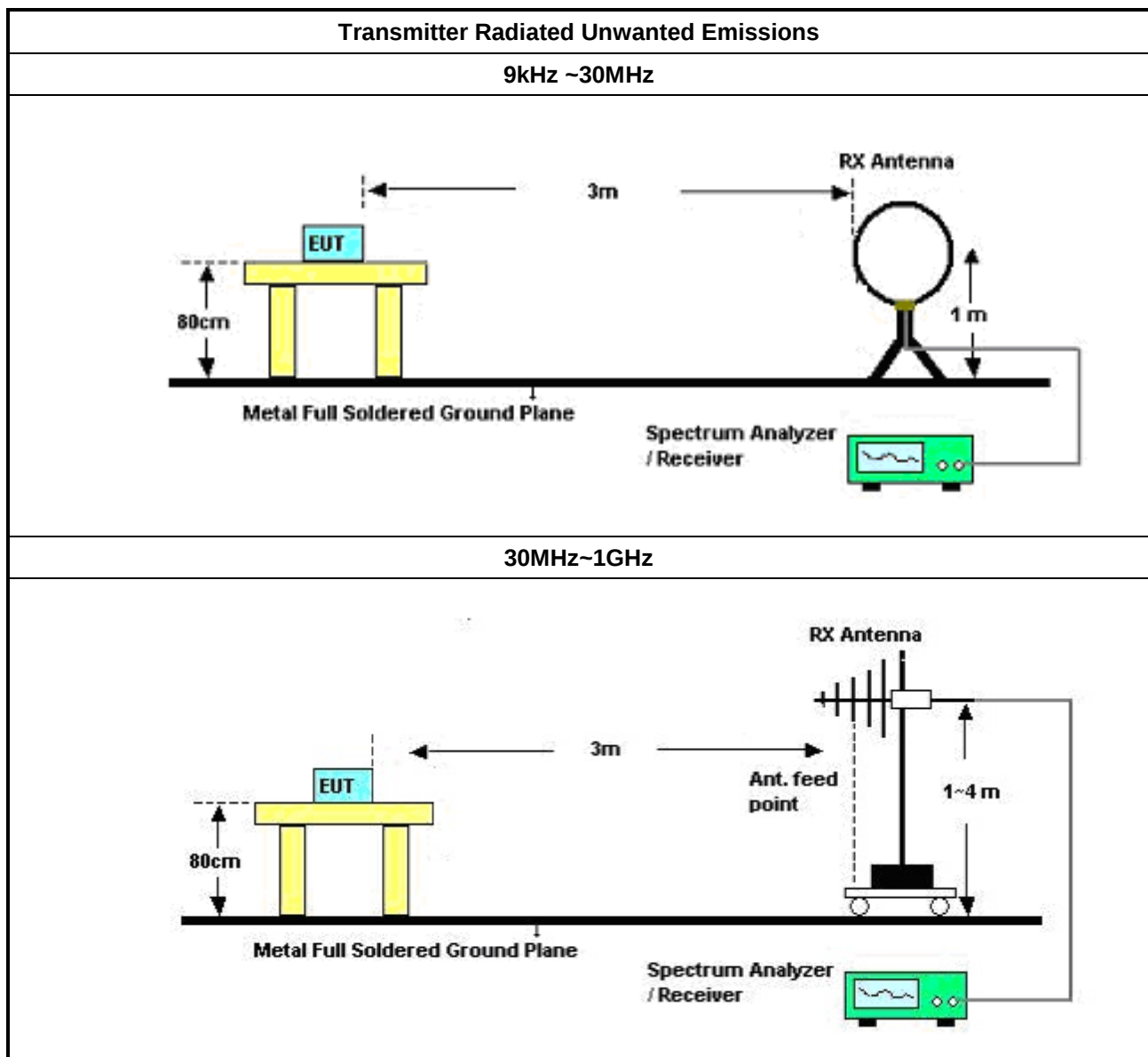
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
☒	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
☒	Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

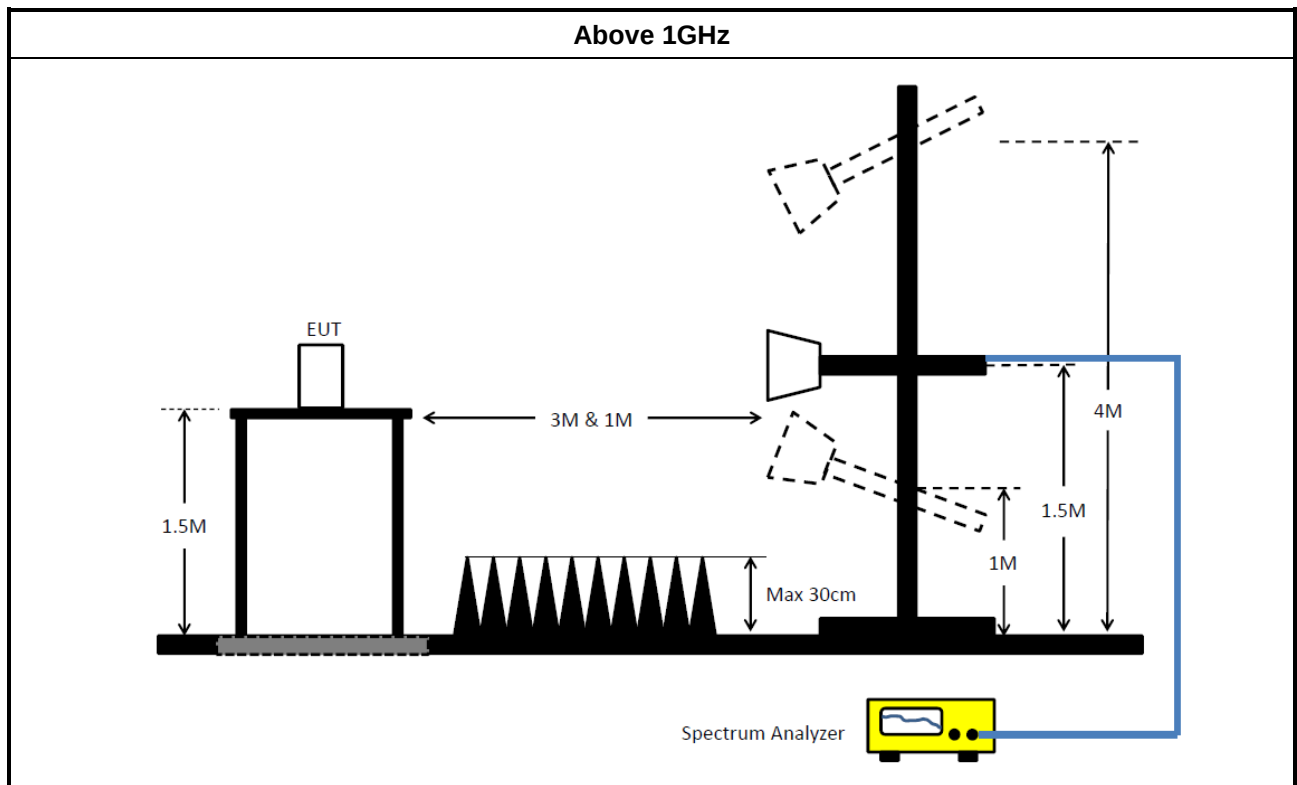
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	21/May/2021	20/May/2022
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	18/Feb/2022	17/Feb/2023
LISN (Support Unit)	SCHWARZBECK MESS-ELEKTRO NIK	NSLK 8127	8127477	9kHz ~ 30MHz	15/Mar/2022	14/Mar/2023
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	01/Mar/2022	28/Feb/2023
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	26/Oct/2021	25/Oct/2022
Software	Sporton	SENSE-EMI	V5.10.7	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	14/Feb/2022	13/Feb/2023
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	01/Apr/2022	31/Mar/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	21/Feb/2022	20/Feb/2023
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	21/Feb/2022	20/Feb/2023
SENSE-15407_NII	Sporton	V5.10.7.19	N/A	N/A	N/A	N/A

**Instrument for Radiated Test**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	02/Aug/2021	01/Aug/2022
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	01/Aug/2021	31/Jul/2022
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	12/Oct/2021	11/Oct/2022
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2021	28/Jun/2022
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	03/Nov/2021	02/Nov/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D01543	1GHz ~18GHz	04/Jun/2021	03/Jun/2022
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	04/Sep/2021	03/Sep/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	10/Mar/2022	09/Mar/2023
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	05/May/2021	04/May/2022
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	04/May/2022	03/May/2023
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	05/May/2021	04/May/2022
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	04/May/2022	03/May/2023
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192 /4	1GHz~40GHz	06/Apr/2021	05/Apr/2022
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192 /4	1GHz~40GHz	01/Apr/2022	31/Mar/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170614	15GHz~40GHz	12/May/2021	11/May/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	08/Mar/2022	07/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	13/May/2022	12/May/2023
SENSE-15407_NII	Sporton	v5.10.7.18	NA	NA	NA	NA



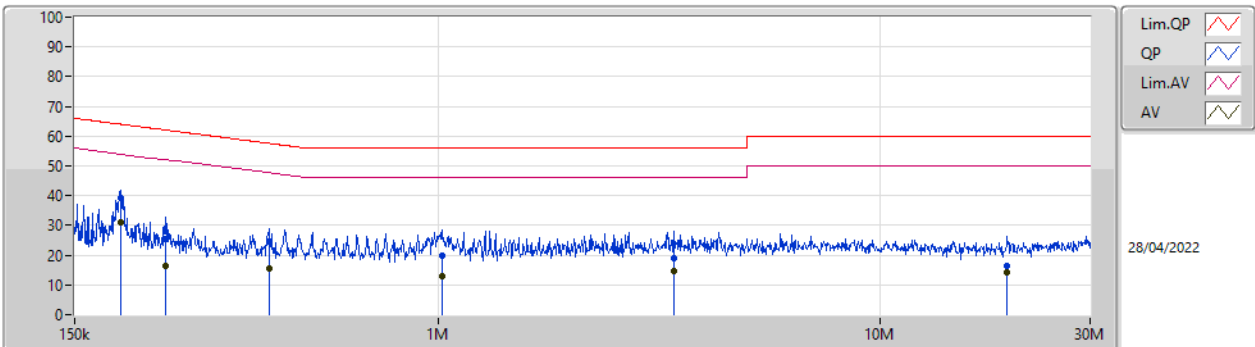
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	190.596k	31.50	54.01	-22.51	Neutral
Mode 2	Pass	QP	173.183k	49.87	64.80	-14.93	Line

Result

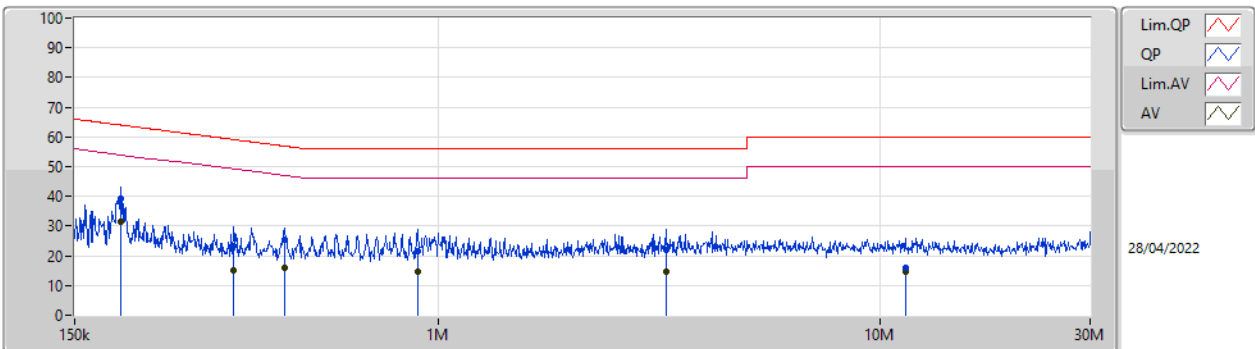
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	191.358k	39.04	63.97	-24.93	Line	-
Mode 1	Pass	AV	191.358k	30.96	53.97	-23.01	Line	-
Mode 1	Pass	QP	240.253k	25.30	62.08	-36.78	Line	-
Mode 1	Pass	AV	240.253k	16.39	52.08	-35.69	Line	-
Mode 1	Pass	QP	415.134k	24.54	57.55	-33.01	Line	-
Mode 1	Pass	AV	415.134k	15.53	47.55	-32.02	Line	-
Mode 1	Pass	QP	1.019M	19.77	56.00	-36.23	Line	-
Mode 1	Pass	AV	1.019M	12.93	46.00	-33.07	Line	-
Mode 1	Pass	QP	3.417M	18.87	56.00	-37.13	Line	-
Mode 1	Pass	AV	3.417M	14.63	46.00	-31.37	Line	-
Mode 1	Pass	QP	19.475M	16.44	60.00	-43.56	Line	-
Mode 1	Pass	AV	19.475M	14.14	50.00	-35.86	Line	-
Mode 1	Pass	QP	190.596k	39.28	64.01	-24.73	Neutral	-
Mode 1	Pass	AV	190.596k	31.50	54.01	-22.51	Neutral	-
Mode 1	Pass	QP	344.115k	23.20	59.10	-35.90	Neutral	-
Mode 1	Pass	AV	344.115k	14.92	49.10	-34.18	Neutral	-
Mode 1	Pass	QP	447.846k	25.44	56.92	-31.48	Neutral	-
Mode 1	Pass	AV	447.846k	15.76	46.92	-31.16	Neutral	-
Mode 1	Pass	QP	897.004k	21.69	56.00	-34.31	Neutral	-
Mode 1	Pass	AV	897.004k	14.57	46.00	-31.43	Neutral	-
Mode 1	Pass	QP	3.283M	22.03	56.00	-33.97	Neutral	-
Mode 1	Pass	AV	3.283M	14.77	46.00	-31.23	Neutral	-
Mode 1	Pass	QP	11.453M	15.96	60.00	-44.04	Neutral	-
Mode 1	Pass	AV	11.453M	14.75	50.00	-35.25	Neutral	-
Mode 2	Pass	QP	173.183k	49.87	64.80	-14.93	Line	-
Mode 2	Pass	AV	173.183k	38.25	54.80	-16.55	Line	-
Mode 2	Pass	QP	207.263k	40.41	63.30	-22.89	Line	-
Mode 2	Pass	AV	207.263k	27.35	53.30	-25.95	Line	-
Mode 2	Pass	QP	410.192k	28.02	57.64	-29.62	Line	-
Mode 2	Pass	AV	410.192k	20.16	47.64	-27.48	Line	-
Mode 2	Pass	QP	795.762k	25.31	56.00	-30.69	Line	-
Mode 2	Pass	AV	795.762k	18.13	46.00	-27.87	Line	-
Mode 2	Pass	QP	3.167M	24.17	56.00	-31.83	Line	-
Mode 2	Pass	AV	3.167M	17.64	46.00	-28.36	Line	-
Mode 2	Pass	QP	18.939M	23.30	60.00	-36.70	Line	-
Mode 2	Pass	AV	18.939M	17.07	50.00	-32.93	Line	-
Mode 2	Pass	QP	173.183k	49.34	64.80	-15.46	Neutral	-
Mode 2	Pass	AV	173.183k	37.77	54.80	-17.03	Neutral	-
Mode 2	Pass	QP	206.437k	41.08	63.34	-22.26	Neutral	-
Mode 2	Pass	AV	206.437k	27.92	53.34	-25.42	Neutral	-
Mode 2	Pass	QP	447.846k	32.68	56.92	-24.24	Neutral	-
Mode 2	Pass	AV	447.846k	23.72	46.92	-23.20	Neutral	-
Mode 2	Pass	QP	1.249M	20.55	56.00	-35.45	Neutral	-
Mode 2	Pass	AV	1.249M	15.78	46.00	-30.22	Neutral	-
Mode 2	Pass	QP	3.309M	22.49	56.00	-33.51	Neutral	-
Mode 2	Pass	AV	3.309M	15.95	46.00	-30.05	Neutral	-
Mode 2	Pass	QP	19.789M	19.35	60.00	-40.65	Neutral	-
Mode 2	Pass	AV	19.789M	15.42	50.00	-34.58	Neutral	-

Conducted Emissions at Powerline_Mode 1



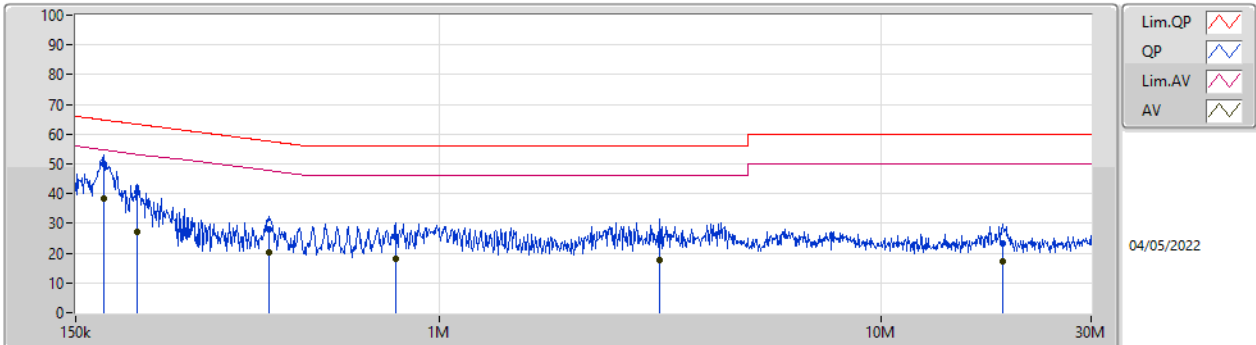
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	191.358k	39.04	63.97	-24.93	19.63	Line	-	19.41	9.69	0.03	9.91			
AV	191.358k	30.96	53.97	-23.01	19.63	Line	-	11.33	9.69	0.03	9.91			
QP	240.253k	25.30	62.08	-36.78	19.63	Line	-	5.67	9.69	0.03	9.91			
AV	240.253k	16.39	52.08	-35.69	19.63	Line	-	-3.24	9.69	0.03	9.91			
QP	415.134k	24.54	57.55	-33.01	19.63	Line	-	4.91	9.68	0.04	9.91			
AV	415.134k	15.53	47.55	-32.02	19.63	Line	-	-4.10	9.68	0.04	9.91			
QP	1.019M	19.77	56.00	-36.23	19.65	Line	-	0.12	9.68	0.05	9.92			
AV	1.019M	12.93	46.00	-33.07	19.65	Line	-	-6.72	9.68	0.05	9.92			
QP	3.417M	18.87	56.00	-37.13	19.75	Line	-	-0.88	9.71	0.12	9.92			
AV	3.417M	14.63	46.00	-31.37	19.75	Line	-	-5.12	9.71	0.12	9.92			
QP	19.475M	16.44	60.00	-43.56	19.99	Line	-	-3.55	9.79	0.27	9.93			
AV	19.475M	14.14	50.00	-35.86	19.99	Line	-	-5.85	9.79	0.27	9.93			

Conducted Emissions at Powerline_Mode 1



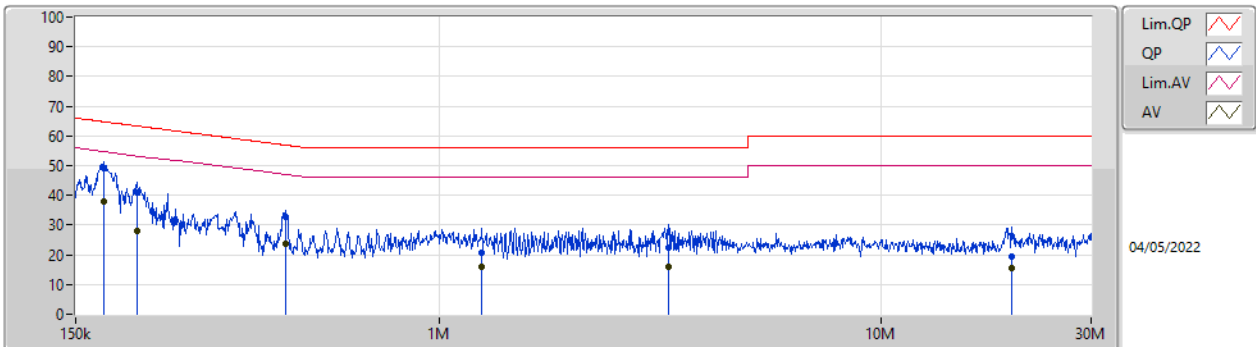
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	190.596k	39.28	64.01	-24.73	19.66	Neutral	-	19.62	9.72	0.03	9.91			
AV	190.596k	31.50	54.01	-22.51	19.66	Neutral	-	11.84	9.72	0.03	9.91			
QP	344.115k	23.20	59.10	-35.90	19.67	Neutral	-	3.53	9.72	0.04	9.91			
AV	344.115k	14.92	49.10	-34.18	19.67	Neutral	-	-4.75	9.72	0.04	9.91			
QP	447.846k	25.44	56.92	-31.48	19.67	Neutral	-	5.77	9.72	0.04	9.91			
AV	447.846k	15.76	46.92	-31.16	19.67	Neutral	-	-3.91	9.72	0.04	9.91			
QP	897.004k	21.69	56.00	-34.31	19.70	Neutral	-	1.99	9.73	0.05	9.92			
AV	897.004k	14.57	46.00	-31.43	19.70	Neutral	-	-5.13	9.73	0.05	9.92			
QP	3.283M	22.03	56.00	-33.97	19.79	Neutral	-	2.24	9.75	0.12	9.92			
AV	3.283M	14.77	46.00	-31.23	19.79	Neutral	-	-5.02	9.75	0.12	9.92			
QP	11.453M	15.96	60.00	-44.04	20.04	Neutral	-	-4.08	9.91	0.20	9.93			
AV	11.453M	14.75	50.00	-35.25	20.04	Neutral	-	-5.29	9.91	0.20	9.93			

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	173.183k	49.87	64.80	-14.93	19.63	Line	-	30.24	9.69	0.03	9.91			
AV	173.183k	38.25	54.80	-16.55	19.63	Line	-	18.62	9.69	0.03	9.91			
QP	207.263k	40.41	63.30	-22.89	19.63	Line	-	20.78	9.69	0.03	9.91			
AV	207.263k	27.35	53.30	-25.95	19.63	Line	-	7.72	9.69	0.03	9.91			
QP	410.192k	28.02	57.64	-29.62	19.63	Line	-	8.39	9.68	0.04	9.91			
AV	410.192k	20.16	47.64	-27.48	19.63	Line	-	0.53	9.68	0.04	9.91			
QP	795.762k	25.31	56.00	-30.69	19.65	Line	-	5.66	9.68	0.05	9.92			
AV	795.762k	18.13	46.00	-27.87	19.65	Line	-	-1.52	9.68	0.05	9.92			
QP	3.167M	24.17	56.00	-31.83	19.74	Line	-	4.43	9.71	0.11	9.92			
AV	3.167M	17.64	46.00	-28.36	19.74	Line	-	-2.10	9.71	0.11	9.92			
QP	18.939M	23.30	60.00	-36.70	19.98	Line	-	3.32	9.79	0.26	9.93			
AV	18.939M	17.07	50.00	-32.93	19.98	Line	-	-2.91	9.79	0.26	9.93			

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	173.183k	49.34	64.80	-15.46	19.66	Neutral	-	29.68	9.72	0.03	9.91			
AV	173.183k	37.77	54.80	-17.03	19.66	Neutral	-	18.11	9.72	0.03	9.91			
QP	206.437k	41.08	63.34	-22.26	19.66	Neutral	-	21.42	9.72	0.03	9.91			
AV	206.437k	27.92	53.34	-25.42	19.66	Neutral	-	8.26	9.72	0.03	9.91			
QP	447.846k	32.68	56.92	-24.24	19.67	Neutral	-	13.01	9.72	0.04	9.91			
AV	447.846k	23.72	46.92	-23.20	19.67	Neutral	-	4.05	9.72	0.04	9.91			
QP	1.249M	20.55	56.00	-35.45	19.71	Neutral	-	0.84	9.73	0.06	9.92			
AV	1.249M	15.78	46.00	-30.22	19.71	Neutral	-	-3.93	9.73	0.06	9.92			
QP	3.309M	22.49	56.00	-33.51	19.79	Neutral	-	2.70	9.75	0.12	9.92			
AV	3.309M	15.95	46.00	-30.05	19.79	Neutral	-	-3.84	9.75	0.12	9.92			
QP	19.789M	19.35	60.00	-40.65	20.19	Neutral	-	-0.84	9.99	0.27	9.93			
AV	19.789M	15.42	50.00	-34.58	20.19	Neutral	-	-4.77	9.99	0.27	9.93			



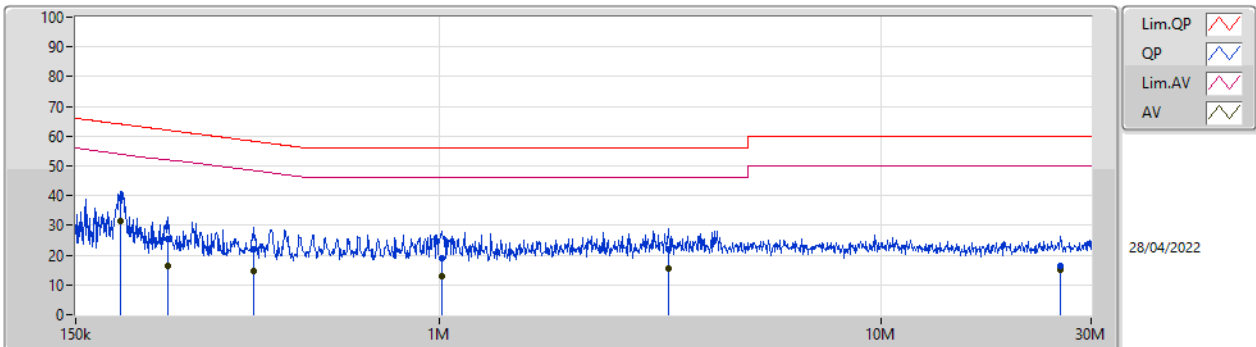
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	190.596k	31.44	54.01	-22.57	Neutral
Mode 2	Pass	AV	172.493k	40.88	54.83	-13.95	Neutral

Result

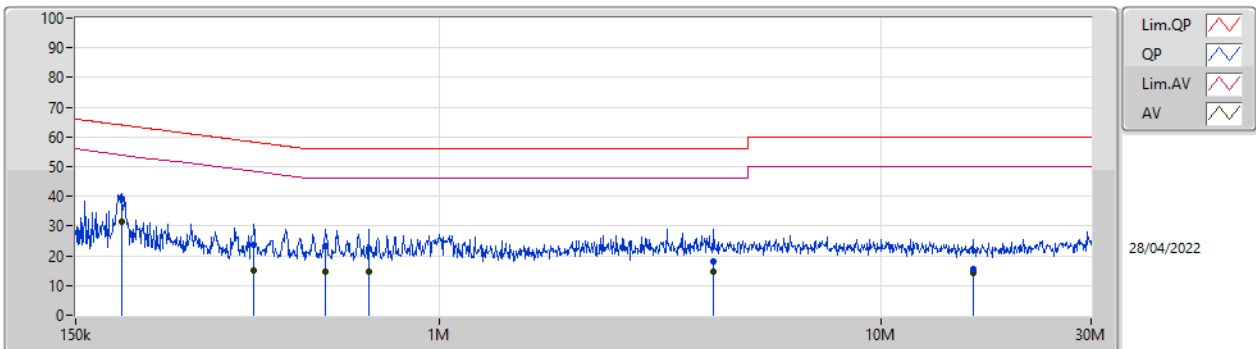
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	189.837k	39.42	64.05	-24.63	Line	-
Mode 1	Pass	AV	189.837k	31.47	54.05	-22.58	Line	-
Mode 1	Pass	QP	243.148k	25.53	61.98	-36.45	Line	-
Mode 1	Pass	AV	243.148k	16.34	51.98	-35.64	Line	-
Mode 1	Pass	QP	378.715k	22.12	58.31	-36.19	Line	-
Mode 1	Pass	AV	378.715k	14.56	48.31	-33.75	Line	-
Mode 1	Pass	QP	1.011M	19.07	56.00	-36.93	Line	-
Mode 1	Pass	AV	1.011M	12.89	46.00	-33.11	Line	-
Mode 1	Pass	QP	3.309M	21.98	56.00	-34.02	Line	-
Mode 1	Pass	AV	3.309M	15.60	46.00	-30.40	Line	-
Mode 1	Pass	QP	25.549M	16.52	60.00	-43.48	Line	-
Mode 1	Pass	AV	25.549M	15.03	50.00	-34.97	Line	-
Mode 1	Pass	QP	190.596k	39.21	64.01	-24.80	Neutral	-
Mode 1	Pass	AV	190.596k	31.44	54.01	-22.57	Neutral	-
Mode 1	Pass	QP	380.23k	23.82	58.28	-34.46	Neutral	-
Mode 1	Pass	AV	380.23k	15.07	48.28	-33.21	Neutral	-
Mode 1	Pass	QP	553.37k	23.08	56.00	-32.92	Neutral	-
Mode 1	Pass	AV	553.37k	14.86	46.00	-31.14	Neutral	-
Mode 1	Pass	QP	691.995k	22.29	56.00	-33.71	Neutral	-
Mode 1	Pass	AV	691.995k	14.67	46.00	-31.33	Neutral	-
Mode 1	Pass	QP	4.188M	18.29	56.00	-37.71	Neutral	-
Mode 1	Pass	AV	4.188M	14.83	46.00	-31.17	Neutral	-
Mode 1	Pass	QP	16.208M	15.31	60.00	-44.69	Neutral	-
Mode 1	Pass	AV	16.208M	14.08	50.00	-35.92	Neutral	-
Mode 2	Pass	QP	173.183k	49.50	64.80	-15.30	Line	-
Mode 2	Pass	AV	173.183k	34.49	54.80	-20.31	Line	-
Mode 2	Pass	QP	210.599k	37.33	63.19	-25.86	Line	-
Mode 2	Pass	AV	210.599k	23.43	53.19	-29.76	Line	-
Mode 2	Pass	QP	415.134k	30.21	57.55	-27.34	Line	-
Mode 2	Pass	AV	415.134k	20.62	47.55	-26.93	Line	-
Mode 2	Pass	QP	654.382k	23.88	56.00	-32.12	Line	-
Mode 2	Pass	AV	654.382k	16.12	46.00	-29.88	Line	-
Mode 2	Pass	QP	3.283M	23.96	56.00	-32.04	Line	-
Mode 2	Pass	AV	3.283M	15.88	46.00	-30.12	Line	-
Mode 2	Pass	QP	19.244M	20.42	60.00	-39.58	Line	-
Mode 2	Pass	AV	19.244M	15.22	50.00	-34.78	Line	-
Mode 2	Pass	QP	172.493k	49.68	64.83	-15.15	Neutral	-
Mode 2	Pass	AV	172.493k	40.88	54.83	-13.95	Neutral	-
Mode 2	Pass	QP	208.925k	40.65	63.25	-22.60	Neutral	-
Mode 2	Pass	AV	208.925k	28.05	53.25	-25.20	Neutral	-
Mode 2	Pass	QP	449.637k	32.36	56.88	-24.52	Neutral	-
Mode 2	Pass	AV	449.637k	22.37	46.88	-24.51	Neutral	-
Mode 2	Pass	QP	1.472M	15.33	56.00	-40.67	Neutral	-
Mode 2	Pass	AV	1.472M	13.09	46.00	-32.91	Neutral	-
Mode 2	Pass	QP	3.686M	21.21	56.00	-34.79	Neutral	-
Mode 2	Pass	AV	3.686M	15.72	46.00	-30.28	Neutral	-
Mode 2	Pass	QP	23.683M	17.83	60.00	-42.17	Neutral	-
Mode 2	Pass	AV	23.683M	15.45	50.00	-34.55	Neutral	-

Conducted Emissions at Powerline_Mode 1



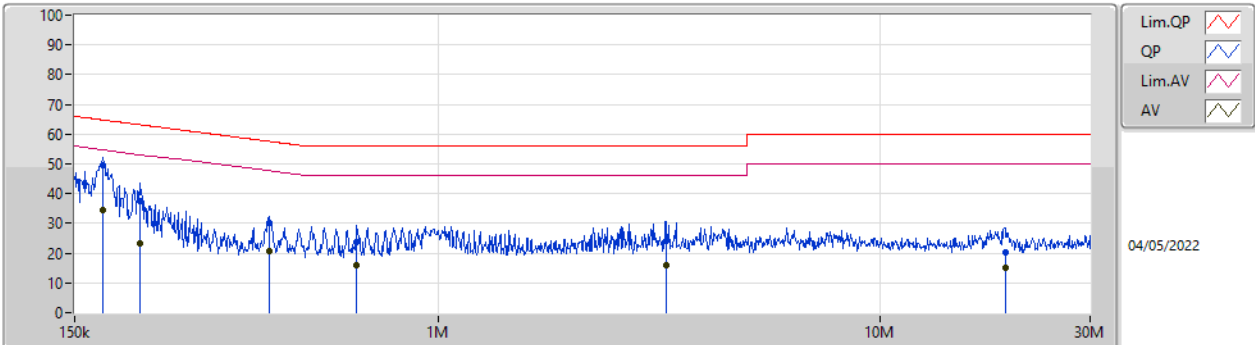
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	189.837k	39.42	64.05	-24.63	19.63	Line	-	19.79	9.69	0.03	9.91			
AV	189.837k	31.47	54.05	-22.58	19.63	Line	-	11.84	9.69	0.03	9.91			
QP	243.148k	25.53	61.98	-36.45	19.63	Line	-	5.90	9.69	0.03	9.91			
AV	243.148k	16.34	51.98	-35.64	19.63	Line	-	-3.29	9.69	0.03	9.91			
QP	378.715k	22.12	58.31	-36.19	19.63	Line	-	2.49	9.68	0.04	9.91			
AV	378.715k	14.56	48.31	-33.75	19.63	Line	-	-5.07	9.68	0.04	9.91			
QP	1.011M	19.07	56.00	-36.93	19.65	Line	-	-0.58	9.68	0.05	9.92			
AV	1.011M	12.89	46.00	-33.11	19.65	Line	-	-6.76	9.68	0.05	9.92			
QP	3.309M	21.98	56.00	-34.02	19.75	Line	-	2.23	9.71	0.12	9.92			
AV	3.309M	15.60	46.00	-30.40	19.75	Line	-	-4.15	9.71	0.12	9.92			
QP	25.549M	16.52	60.00	-43.48	20.04	Line	-	-3.52	9.80	0.31	9.93			
AV	25.549M	15.03	50.00	-34.97	20.04	Line	-	-5.01	9.80	0.31	9.93			

Conducted Emissions at Powerline_Mode 1



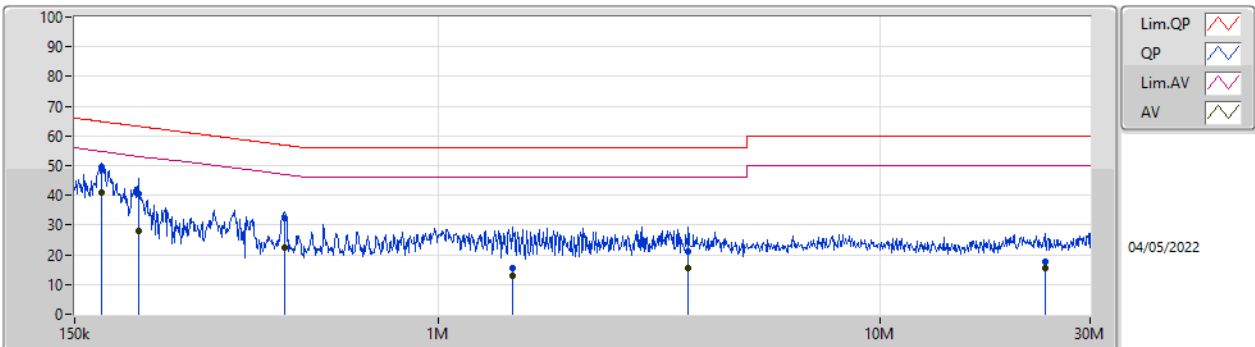
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	190.596k	39.21	64.01	-24.80	19.66	Neutral	-	19.55	9.72	0.03	9.91			
AV	190.596k	31.44	54.01	-22.57	19.66	Neutral	-	11.78	9.72	0.03	9.91			
QP	380.23k	23.82	58.28	-34.46	19.67	Neutral	-	4.15	9.72	0.04	9.91			
AV	380.23k	15.07	48.28	-33.21	19.67	Neutral	-	-4.60	9.72	0.04	9.91			
QP	553.37k	23.08	56.00	-32.92	19.67	Neutral	-	3.41	9.72	0.04	9.91			
AV	553.37k	14.86	46.00	-31.14	19.67	Neutral	-	-4.81	9.72	0.04	9.91			
QP	691.995k	22.29	56.00	-33.71	19.70	Neutral	-	2.59	9.73	0.05	9.92			
AV	691.995k	14.67	46.00	-31.33	19.70	Neutral	-	-5.03	9.73	0.05	9.92			
QP	4.188M	18.29	56.00	-37.71	19.82	Neutral	-	-1.53	9.77	0.13	9.92			
AV	4.188M	14.83	46.00	-31.17	19.82	Neutral	-	-4.99	9.77	0.13	9.92			
QP	16.208M	15.31	60.00	-44.69	20.14	Neutral	-	-4.83	9.96	0.25	9.93			
AV	16.208M	14.08	50.00	-35.92	20.14	Neutral	-	-6.06	9.96	0.25	9.93			

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	173.183k	49.50	64.80	-15.30	19.63	Line	-	29.87	9.69	0.03	9.91			
AV	173.183k	34.49	54.80	-20.31	19.63	Line	-	14.86	9.69	0.03	9.91			
QP	210.599k	37.33	63.19	-25.86	19.63	Line	-	17.70	9.69	0.03	9.91			
AV	210.599k	23.43	53.19	-29.76	19.63	Line	-	3.80	9.69	0.03	9.91			
QP	415.134k	30.21	57.55	-27.34	19.63	Line	-	10.58	9.68	0.04	9.91			
AV	415.134k	20.62	47.55	-26.93	19.63	Line	-	0.99	9.68	0.04	9.91			
QP	654.382k	23.88	56.00	-32.12	19.65	Line	-	4.23	9.68	0.05	9.92			
AV	654.382k	16.12	46.00	-29.88	19.65	Line	-	-3.53	9.68	0.05	9.92			
QP	3.283M	23.96	56.00	-32.04	19.75	Line	-	4.21	9.71	0.12	9.92			
AV	3.283M	15.88	46.00	-30.12	19.75	Line	-	-3.87	9.71	0.12	9.92			
QP	19.244M	20.42	60.00	-39.58	19.99	Line	-	0.43	9.79	0.27	9.93			
AV	19.244M	15.22	50.00	-34.78	19.99	Line	-	-4.77	9.79	0.27	9.93			

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	172.493k	49.68	64.83	-15.15	19.67	Neutral	-	30.01	9.73	0.03	9.91			
AV	172.493k	40.88	54.83	-13.95	19.67	Neutral	-	21.21	9.73	0.03	9.91			
QP	208.925k	40.65	63.25	-22.60	19.66	Neutral	-	20.99	9.72	0.03	9.91			
AV	208.925k	28.05	53.25	-25.20	19.66	Neutral	-	8.39	9.72	0.03	9.91			
QP	449.637k	32.36	56.88	-24.52	19.67	Neutral	-	12.69	9.72	0.04	9.91			
AV	449.637k	22.37	46.88	-24.51	19.67	Neutral	-	2.70	9.72	0.04	9.91			
QP	1.472M	15.33	56.00	-40.67	19.73	Neutral	-	-4.40	9.74	0.07	9.92			
AV	1.472M	13.09	46.00	-32.91	19.73	Neutral	-	-6.64	9.74	0.07	9.92			
QP	3.686M	21.21	56.00	-34.79	19.80	Neutral	-	1.41	9.76	0.12	9.92			
AV	3.686M	15.72	46.00	-30.28	19.80	Neutral	-	-4.08	9.76	0.12	9.92			
QP	23.683M	17.83	60.00	-42.17	20.28	Neutral	-	-2.45	10.05	0.30	9.93			
AV	23.683M	15.45	50.00	-34.55	20.28	Neutral	-	-4.83	10.05	0.30	9.93			

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	19.59M	16.462M	16M5D1D	19.44M	16.432M
802.11a_Nss1,(6Mbps)_1TX(Port2)	19.65M	16.462M	16M5D1D	19.41M	16.432M
802.11a_Nss1,(6Mbps)_2TX	19.5M	16.462M	16M5D1D	19.38M	16.402M
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	20.79M	17.64M	17M7D1D	20.64M	17.631M
802.11n HT20_Nss1,(MCS0)_1TX(Port2)	20.85M	17.67M	17M7D1D	20.82M	17.64M
802.11n HT20_Nss1,(MCS0)_2TX	20.76M	17.661M	17M7D1D	19.98M	17.571M
802.11n HT40_Nss1,(MCS0)_1TX(Port1)	40.2M	36.282M	36M3D1D	40.14M	36.162M
802.11n HT40_Nss1,(MCS0)_1TX(Port2)	40.38M	36.222M	36M3D1D	40.26M	36.222M
802.11n HT40_Nss1,(MCS0)_2TX	40.38M	36.282M	36M3D1D	39.84M	36.222M
802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)	82.2M	75.562M	75M6D1D	82.2M	75.562M
802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)	82.56M	75.682M	75M7D1D	82.56M	75.682M
802.11ac VHT80_Nss1,(MCS0)_2TX	82.44M	75.682M	75M7D1D	82.44M	75.562M
802.11ac VHT160_Nss1,(MCS0)_1TX(Port1)	83.2M	77.401M	77M5D1D	83.2M	77.401M
802.11ac VHT160_Nss1,(MCS0)_1TX(Port2)	83.2M	77.321M	77M4D1D	83.2M	77.321M
802.11ac VHT160_Nss1,(MCS0)_2TX	83.12M	77.401M	77M5D1D	82.64M	77.321M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	21.33M	18.921M	19M0D1D	21.18M	18.891M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	21.45M	18.921M	19M0D1D	21.24M	18.891M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.3M	18.921M	19M0D1D	21.09M	18.921M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	40.74M	37.901M	38M0D1D	40.74M	37.901M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	40.86M	37.961M	38M0D1D	40.8M	37.961M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.92M	37.961M	38M0D1D	40.56M	37.961M
802.11ax HEW80_Nss1,(MCS0)_1TX(Port1)	82.92M	77.361M	77M4D1D	82.92M	77.361M
802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)	82.44M	77.481M	77M5D1D	82.44M	77.481M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.56M	77.481M	77M5D1D	82.44M	77.481M
802.11ax HEW160_Nss1,(MCS0)_1TX(Port1)	83.28M	78.441M	78M5D1D	83.28M	78.441M
802.11ax HEW160_Nss1,(MCS0)_1TX(Port2)	82.96M	78.521M	78M6D1D	82.96M	78.521M
802.11ax HEW160_Nss1,(MCS0)_2TX	83.52M	78.521M	78M6D1D	82.8M	78.441M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	33.12M	17.031M	17M0D1D	20.73M	16.552M
802.11a_Nss1,(6Mbps)_1TX(Port2)	24.9M	16.702M	16M8D1D	19.95M	16.492M
802.11a_Nss1,(6Mbps)_2TX	20.76M	16.552M	16M6D1D	19.32M	16.402M
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	35.7M	18.15M	18M2D1D	21.96M	17.73M
802.11n HT20_Nss1,(MCS0)_1TX(Port2)	26.94M	17.88M	17M9D1D	20.85M	17.67M
802.11n HT20_Nss1,(MCS0)_2TX	21.93M	17.691M	17M7D1D	20.46M	17.571M
802.11n HT40_Nss1,(MCS0)_1TX(Port1)	40.32M	36.282M	36M3D1D	39.78M	36.222M
802.11n HT40_Nss1,(MCS0)_1TX(Port2)	40.08M	36.222M	36M3D1D	40.02M	36.162M
802.11n HT40_Nss1,(MCS0)_2TX	41.82M	36.462M	36M5D1D	39.78M	36.222M
802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)	82.32M	75.562M	75M6D1D	82.32M	75.562M
802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)	82.56M	75.682M	75M7D1D	82.56M	75.682M
802.11ac VHT80_Nss1,(MCS0)_2TX	82.44M	75.562M	75M6D1D	81.96M	75.562M
802.11ac VHT160_Nss1,(MCS0)_1TX(Port1)	83.2M	77.321M	77M4D1D	83.2M	77.321M
802.11ac VHT160_Nss1,(MCS0)_1TX(Port2)	83.52M	77.321M	77M4D1D	83.52M	77.321M
802.11ac VHT160_Nss1,(MCS0)_2TX	83.36M	77.401M	77M5D1D	82.72M	77.321M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	31.32M	19.16M	19M2D1D	21.36M	18.951M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	28.47M	19.04M	19M0D1D	21.33M	18.921M
802.11ax HEW20_Nss1,(MCS0)_2TX	22.08M	19.01M	19M0D1D	21.03M	18.921M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	40.92M	38.021M	38M0D1D	40.8M	37.901M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	40.8M	37.961M	38M0D1D	40.56M	37.901M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.92M	37.961M	38M0D1D	40.62M	37.901M
802.11ax HEW80_Nss1,(MCS0)_1TX(Port1)	82.8M	77.481M	77M5D1D	82.8M	77.481M
802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)	82.68M	77.481M	77M5D1D	82.68M	77.481M
802.11ax HEW80_Nss1,(MCS0)_2TX	83.28M	77.481M	77M5D1D	83.04M	77.481M
802.11ax HEW160_Nss1,(MCS0)_1TX(Port1)	83.2M	78.441M	78M5D1D	83.2M	78.441M
802.11ax HEW160_Nss1,(MCS0)_1TX(Port2)	82.96M	78.601M	78M7D1D	82.96M	78.601M

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11ax HEW160_Nss1,(MCS0)_2TX	83.12M	78.441M	78M5D1D	82.88M	78.281M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	29.58M	16.852M	16M9D1D	19.11M	13.508M
802.11a_Nss1,(6Mbps)_1TX(Port2)	24.93M	16.672M	16M7D1D	17.88M	13.463M
802.11a_Nss1,(6Mbps)_2TX	20.46M	16.522M	16M6D1D	15.285M	13.223M
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	31.77M	18.03M	18M0D1D	20.64M	14.22M
802.11n HT20_Nss1,(MCS0)_1TX(Port2)	26.76M	17.88M	17M9D1D	21.15M	14.13M
802.11n HT20_Nss1,(MCS0)_2TX	21.42M	17.691M	17M7D1D	15.465M	13.838M
802.11n HT40_Nss1,(MCS0)_1TX(Port1)	40.5M	36.282M	36M3D1D	35.14M	32.989M
802.11n HT40_Nss1,(MCS0)_1TX(Port2)	40.2M	36.282M	36M3D1D	35.455M	32.989M
802.11n HT40_Nss1,(MCS0)_2TX	40.74M	36.402M	36M5D1D	35.665M	33.058M
802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)	82.92M	75.682M	75M7D1D	76.275M	72.414M
802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)	82.32M	75.682M	75M7D1D	76.2M	72.489M
802.11ac VHT80_Nss1,(MCS0)_2TX	82.2M	75.562M	75M6D1D	76.125M	72.414M
802.11ac VHT160_Nss1,(MCS0)_1TX(Port1)	166.56M	154.483M	154MD1D	166.56M	154.483M
802.11ac VHT160_Nss1,(MCS0)_1TX(Port2)	166.32M	154.723M	155MD1D	166.32M	154.723M
802.11ac VHT160_Nss1,(MCS0)_2TX	166.08M	154.723M	155MD1D	164.64M	154.483M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	29.76M	19.1M	19M1D1D	16.56M	14.483M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	25.56M	19.04M	19M0D1D	15.69M	14.468M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.78M	18.981M	19M0D1D	15.525M	14.483M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	40.74M	37.961M	38M0D1D	35.63M	33.863M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	40.74M	37.961M	38M0D1D	35.385M	33.758M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.04M	38.021M	38M0D1D	35.35M	33.828M
802.11ax HEW80_Nss1,(MCS0)_1TX(Port1)	82.56M	77.481M	77M5D1D	76.35M	73.313M
802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)	82.92M	77.481M	77M5D1D	76.275M	73.388M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.56M	77.601M	77M7D1D	76.125M	73.313M
802.11ax HEW160_Nss1,(MCS0)_1TX(Port1)	165.6M	156.162M	156MD1D	165.6M	156.162M
802.11ax HEW160_Nss1,(MCS0)_1TX(Port2)	165.84M	155.922M	156MD1D	165.84M	155.922M
802.11ax HEW160_Nss1,(MCS0)_2TX	165.6M	156.162M	156MD1D	165.12M	156.162M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	16.29M	16.852M	16M9D1D	3.14M	8.476M
802.11a_Nss1,(6Mbps)_1TX(Port2)	16.35M	16.852M	16M9D1D	3.14M	7.756M
802.11a_Nss1,(6Mbps)_2TX	16.32M	16.612M	16M7D1D	3.12M	3.938M
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	17.52M	18.06M	18M1D1D	3.74M	8.54M
802.11n HT20_Nss1,(MCS0)_1TX(Port2)	17.52M	18.06M	18M1D1D	3.72M	7.86M
802.11n HT20_Nss1,(MCS0)_2TX	17.55M	17.661M	17M7D1D	3.74M	4.138M
802.11n HT40_Nss1,(MCS0)_1TX(Port1)	36.3M	36.222M	36M3D1D	3.14M	22.389M
802.11n HT40_Nss1,(MCS0)_1TX(Port2)	36.3M	36.222M	36M3D1D	3.14M	20.61M
802.11n HT40_Nss1,(MCS0)_2TX	36.3M	36.282M	36M3D1D	3.1M	7.396M
802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)	73.8M	75.442M	75M5D1D	3.14M	4.218M
802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)	73.44M	75.442M	75M5D1D	3.16M	33.363M
802.11ac VHT80_Nss1,(MCS0)_2TX	75M	75.562M	75M6D1D	3.1M	21.869M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	18.84M	19.1M	19M1D1D	4.4M	4.678M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	18.78M	19.1M	19M1D1D	4.48M	4.638M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.93M	18.981M	19M0D1D	4.3M	4.638M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	37.32M	37.961M	38M0D1D	3.92M	4.158M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	37.74M	38.021M	38M0D1D	4.04M	4.158M
802.11ax HEW40_Nss1,(MCS0)_2TX	38.1M	37.961M	38M0D1D	4.08M	4.158M
802.11ax HEW80_Nss1,(MCS0)_1TX(Port1)	77.64M	77.481M	77M5D1D	4.08M	4.338M
802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)	78.12M	77.361M	77M4D1D	4.1M	4.278M
802.11ax HEW80_Nss1,(MCS0)_2TX	77.04M	77.481M	77M5D1D	3.98M	4.318M

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)_1TX(Port1)	-	-	-	-	-	-
5180MHz	Pass	Inf	19.44M	16.462M		
5200MHz	Pass	Inf	19.59M	16.462M		
5240MHz	Pass	Inf	19.59M	16.432M		
5260MHz	Pass	Inf	20.94M	16.582M		
5300MHz	Pass	Inf	33.12M	17.031M		
5320MHz	Pass	Inf	20.73M	16.552M		
5500MHz	Pass	Inf	20.07M	16.492M		
5580MHz	Pass	Inf	29.58M	16.852M		
5700MHz	Pass	Inf	19.89M	16.492M		
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	19.11M	13.508M		
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	8.476M		
5745MHz	Pass	500k	16.29M	16.552M		
5785MHz	Pass	500k	16.29M	16.852M		
5825MHz	Pass	500k	16.29M	16.642M		
802.11a_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
5180MHz	Pass	Inf			19.53M	16.462M
5200MHz	Pass	Inf			19.65M	16.462M
5240MHz	Pass	Inf			19.41M	16.432M
5260MHz	Pass	Inf			19.95M	16.492M
5300MHz	Pass	Inf			24.9M	16.702M
5320MHz	Pass	Inf			19.95M	16.492M
5500MHz	Pass	Inf			19.95M	16.462M
5580MHz	Pass	Inf			24.93M	16.672M
5700MHz	Pass	Inf			20.97M	16.62M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf			17.88M	13.463M
5720MHz Straddle 5.725-5.85GHz	Pass	500k			3.14M	7.756M
5745MHz	Pass	500k			16.35M	16.522M
5785MHz	Pass	500k			16.29M	16.852M
5825MHz	Pass	500k			16.29M	16.762M
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	19.47M	16.462M	19.41M	16.432M
5200MHz	Pass	Inf	19.5M	16.462M	19.41M	16.402M
5240MHz	Pass	Inf	19.47M	16.462M	19.38M	16.402M
5260MHz	Pass	Inf	19.74M	16.492M	19.41M	16.402M
5300MHz	Pass	Inf	20.76M	16.552M	19.32M	16.432M
5320MHz	Pass	Inf	19.47M	16.462M	19.41M	16.402M
5500MHz	Pass	Inf	19.53M	16.462M	19.32M	16.402M
5580MHz	Pass	Inf	20.46M	16.522M	20.16M	16.432M
5700MHz	Pass	Inf	19.62M	16.492M	19.32M	16.402M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.285M	13.343M	15.39M	13.223M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	4.118M	3.14M	3.938M
5745MHz	Pass	500k	16.32M	16.492M	16.29M	16.432M
5785MHz	Pass	500k	16.29M	16.612M	16.29M	16.492M
5825MHz	Pass	500k	16.29M	16.552M	16.29M	16.432M
802.11n_HT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
5180MHz	Pass	Inf	20.64M	17.631M		
5200MHz	Pass	Inf	20.79M	17.631M		
5240MHz	Pass	Inf	20.67M	17.64M		
5260MHz	Pass	Inf	23.01M	17.79M		
5300MHz	Pass	Inf	35.7M	18.15M		
5320MHz	Pass	Inf	21.96M	17.73M		
5500MHz	Pass	Inf	21.18M	17.7M		
5580MHz	Pass	Inf	31.77M	18.03M		
5700MHz	Pass	Inf	20.64M	17.64M		

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	21.975M	14.22M		
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	8.54M		
5745MHz	Pass	500k	17.34M	17.76M		
5785MHz	Pass	500k	17.52M	18.06M		
5825MHz	Pass	500k	16.89M	17.82M		
802.11n HT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
5180MHz	Pass	Inf			20.85M	17.67M
5200MHz	Pass	Inf			20.82M	17.67M
5240MHz	Pass	Inf			20.82M	17.64M
5260MHz	Pass	Inf			20.91M	17.7M
5300MHz	Pass	Inf			26.94M	17.88M
5320MHz	Pass	Inf			20.85M	17.67M
5500MHz	Pass	Inf			21.15M	17.7M
5580MHz	Pass	Inf			26.76M	17.88M
5700MHz	Pass	Inf			21.45M	17.73M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf			21.795M	14.13M
5720MHz Straddle 5.725-5.85GHz	Pass	500k			3.72M	7.86M
5745MHz	Pass	500k			17.22M	17.73M
5785MHz	Pass	500k			17.52M	18.06M
5825MHz	Pass	500k			17.52M	18M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.58M	17.601M	19.98M	17.661M
5200MHz	Pass	Inf	20.7M	17.601M	20.34M	17.601M
5240MHz	Pass	Inf	20.76M	17.601M	20.52M	17.571M
5260MHz	Pass	Inf	20.7M	17.631M	20.7M	17.571M
5300MHz	Pass	Inf	21.93M	17.691M	20.76M	17.631M
5320MHz	Pass	Inf	20.82M	17.631M	20.46M	17.571M
5500MHz	Pass	Inf	20.79M	17.601M	20.43M	17.631M
5580MHz	Pass	Inf	21.42M	17.691M	21M	17.631M
5700MHz	Pass	Inf	20.67M	17.631M	20.73M	17.601M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.945M	13.913M	15.465M	13.838M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	4.338M	3.76M	4.138M
5745MHz	Pass	500k	17.13M	17.601M	17.52M	17.601M
5785MHz	Pass	500k	17.55M	17.661M	17.16M	17.661M
5825MHz	Pass	500k	16.77M	17.601M	17.13M	17.601M
802.11n HT40_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
5190MHz	Pass	Inf	40.14M	36.162M		
5230MHz	Pass	Inf	40.2M	36.282M		
5270MHz	Pass	Inf	40.32M	36.222M		
5310MHz	Pass	Inf	39.78M	36.282M		
5510MHz	Pass	Inf	40.5M	36.222M		
5550MHz	Pass	Inf	40.38M	36.222M		
5670MHz	Pass	Inf	40.26M	36.282M		
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.14M	32.989M		
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	22.389M		
5755MHz	Pass	500k	36.3M	36.222M		
5795MHz	Pass	500k	35.88M	36.162M		
802.11n HT40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
5190MHz	Pass	Inf			40.38M	36.222M
5230MHz	Pass	Inf			40.26M	36.222M
5270MHz	Pass	Inf			40.02M	36.162M
5310MHz	Pass	Inf			40.08M	36.222M
5510MHz	Pass	Inf			40.08M	36.282M
5550MHz	Pass	Inf			40.02M	36.222M
5670MHz	Pass	Inf			40.2M	36.222M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf			35.455M	32.989M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5710MHz Straddle 5.725-5.85GHz	Pass	500k			3.14M	20.61M
5755MHz	Pass	500k			36.3M	36.222M
5795MHz	Pass	500k			36.3M	36.162M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.38M	36.222M	39.84M	36.282M
5230MHz	Pass	Inf	40.02M	36.222M	39.84M	36.222M
5270MHz	Pass	Inf	41.82M	36.462M	40.02M	36.282M
5310MHz	Pass	Inf	40.44M	36.222M	39.78M	36.222M
5510MHz	Pass	Inf	40.08M	36.282M	39.72M	36.282M
5550MHz	Pass	Inf	40.32M	36.402M	40.26M	36.282M
5670MHz	Pass	Inf	40.5M	36.402M	40.74M	36.402M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.98M	33.163M	35.665M	33.058M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	14.053M	3.14M	7.396M
5755MHz	Pass	500k	35.34M	36.222M	35.04M	36.282M
5795MHz	Pass	500k	36.3M	36.222M	36.3M	36.222M
802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
5210MHz	Pass	Inf	82.2M	75.562M		
5290MHz	Pass	Inf	82.32M	75.562M		
5530MHz	Pass	Inf	82.92M	75.682M		
5610MHz	Pass	Inf	82.32M	75.562M		
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.275M	72.414M		
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	4.218M		
5775MHz	Pass	500k	73.8M	75.442M		
802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
5210MHz	Pass	Inf			82.56M	75.682M
5290MHz	Pass	Inf			82.56M	75.682M
5530MHz	Pass	Inf			82.08M	75.682M
5610MHz	Pass	Inf			82.32M	75.562M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf			76.2M	72.489M
5690MHz Straddle 5.725-5.85GHz	Pass	500k			3.16M	33.363M
5775MHz	Pass	500k			73.44M	75.442M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.44M	75.682M	82.44M	75.562M
5290MHz	Pass	Inf	82.44M	75.562M	81.96M	75.562M
5530MHz	Pass	Inf	82.2M	75.562M	81.96M	75.562M
5610MHz	Pass	Inf	82.08M	75.562M	82.08M	75.562M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	77.475M	72.639M	76.125M	72.414M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	28.066M	3.12M	21.869M
5775MHz	Pass	500k	73.8M	75.442M	75M	75.562M
802.11ac VHT160_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	83.2M	77.401M		
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.2M	77.321M		
5570MHz	Pass	Inf	166.56M	154.483M		
802.11ac VHT160_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf			83.2M	77.321M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf			83.52M	77.321M
5570MHz	Pass	Inf			166.32M	154.723M
802.11ac VHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	83.12M	77.321M	82.64M	77.401M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.36M	77.401M	82.72M	77.321M
5570MHz	Pass	Inf	166.08M	154.723M	164.64M	154.483M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
5180MHz	Pass	Inf	21.3M	18.921M		
5200MHz	Pass	Inf	21.33M	18.921M		
5240MHz	Pass	Inf	21.18M	18.891M		
5260MHz	Pass	Inf	21.36M	18.951M		

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5300MHz	Pass	Inf	31.32M	19.16M		
5320MHz	Pass	Inf	21.72M	18.981M		
5500MHz	Pass	Inf	21.36M	18.951M		
5580MHz	Pass	Inf	29.76M	19.1M		
5700MHz	Pass	Inf	21.48M	18.921M		
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.56M	14.483M		
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.4M	4.678M		
5745MHz	Pass	500k	18.84M	18.981M		
5785MHz	Pass	500k	18.57M	19.07M		
5825MHz	Pass	500k	18.81M	19.1M		
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
5180MHz	Pass	Inf			21.45M	18.921M
5200MHz	Pass	Inf			21.24M	18.891M
5240MHz	Pass	Inf			21.39M	18.891M
5260MHz	Pass	Inf			21.33M	18.921M
5300MHz	Pass	Inf			26.13M	19.04M
5320MHz	Pass	Inf			28.47M	19.04M
5500MHz	Pass	Inf			21.54M	18.981M
5580MHz	Pass	Inf			25.56M	19.04M
5700MHz	Pass	Inf			21.33M	18.951M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf			15.69M	14.468M
5720MHz Straddle 5.725-5.85GHz	Pass	500k			4.48M	4.638M
5745MHz	Pass	500k			18.78M	18.951M
5785MHz	Pass	500k			18.69M	19.1M
5825MHz	Pass	500k			18.72M	19.07M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.3M	18.921M	21.18M	18.921M
5200MHz	Pass	Inf	21.12M	18.921M	21.24M	18.921M
5240MHz	Pass	Inf	21.27M	18.921M	21.09M	18.921M
5260MHz	Pass	Inf	21.6M	18.921M	21.06M	18.921M
5300MHz	Pass	Inf	22.08M	19.01M	21.21M	18.951M
5320MHz	Pass	Inf	21.18M	18.921M	21.03M	18.921M
5500MHz	Pass	Inf	21.57M	18.921M	21.39M	18.951M
5580MHz	Pass	Inf	21.78M	18.981M	21.15M	18.981M
5700MHz	Pass	Inf	21.18M	18.891M	21.06M	18.921M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.99M	14.483M	15.525M	14.483M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.3M	4.758M	4.54M	4.638M
5745MHz	Pass	500k	18.72M	18.921M	18.69M	18.921M
5785MHz	Pass	500k	18.6M	18.951M	18.75M	18.981M
5825MHz	Pass	500k	18.93M	18.951M	18.45M	18.921M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
5190MHz	Pass	Inf	40.74M	37.901M		
5230MHz	Pass	Inf	40.74M	37.901M		
5270MHz	Pass	Inf	40.8M	37.901M		
5310MHz	Pass	Inf	40.92M	38.021M		
5510MHz	Pass	Inf	40.74M	37.961M		
5550MHz	Pass	Inf	40.56M	37.961M		
5670MHz	Pass	Inf	40.74M	37.901M		
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.63M	33.863M		
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.92M	4.158M		
5755MHz	Pass	500k	37.32M	37.841M		
5795MHz	Pass	500k	37.14M	37.961M		
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
5190MHz	Pass	Inf			40.8M	37.961M
5230MHz	Pass	Inf			40.86M	37.961M
5270MHz	Pass	Inf			40.8M	37.901M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5310MHz	Pass	Inf			40.56M	37.961M
5510MHz	Pass	Inf			40.74M	37.961M
5550MHz	Pass	Inf			40.56M	37.961M
5670MHz	Pass	Inf			40.56M	37.901M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf			35.385M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k			4.04M	4.158M
5755MHz	Pass	500k			37.74M	38.021M
5795MHz	Pass	500k			37.74M	37.901M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.56M	37.961M	40.92M	37.961M
5230MHz	Pass	Inf	40.74M	37.961M	40.56M	37.961M
5270MHz	Pass	Inf	40.62M	37.901M	40.74M	37.961M
5310MHz	Pass	Inf	40.62M	37.901M	40.92M	37.961M
5510MHz	Pass	Inf	40.44M	38.021M	40.62M	38.021M
5550MHz	Pass	Inf	40.8M	37.901M	40.86M	37.961M
5670MHz	Pass	Inf	40.74M	37.901M	41.04M	38.021M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.35M	33.828M	35.385M	33.828M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	4.158M	4.12M	4.158M
5755MHz	Pass	500k	37.8M	37.841M	38.1M	37.961M
5795MHz	Pass	500k	37.8M	37.841M	37.44M	37.901M
802.11ax HEW80_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
5210MHz	Pass	Inf	82.92M	77.361M		
5290MHz	Pass	Inf	82.8M	77.481M		
5530MHz	Pass	Inf	82.56M	77.481M		
5610MHz	Pass	Inf	82.08M	77.481M		
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.35M	73.313M		
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	4.338M		
5775MHz	Pass	500k	77.64M	77.481M		
802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
5210MHz	Pass	Inf			82.44M	77.481M
5290MHz	Pass	Inf			82.68M	77.481M
5530MHz	Pass	Inf			82.68M	77.481M
5610MHz	Pass	Inf			82.92M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf			76.275M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k			4.1M	4.278M
5775MHz	Pass	500k			78.12M	77.361M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.56M	77.481M	82.44M	77.481M
5290MHz	Pass	Inf	83.04M	77.481M	83.28M	77.481M
5530MHz	Pass	Inf	82.32M	77.361M	82.56M	77.601M
5610MHz	Pass	Inf	82.44M	77.481M	82.32M	77.481M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.875M	73.388M	76.125M	73.313M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	4.358M	3.98M	4.318M
5775MHz	Pass	500k	76.92M	77.481M	77.04M	77.361M
802.11ax HEW160_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	83.28M	78.441M		
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.2M	78.441M		
5570MHz	Pass	Inf	165.6M	156.162M		
802.11ax HEW160_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf			82.96M	78.521M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf			82.96M	78.601M
5570MHz	Pass	Inf			165.84M	155.922M
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	83.52M	78.521M	82.8M	78.441M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.88M	78.281M	83.12M	78.441M
5570MHz	Pass	Inf	165.6M	156.162M	165.12M	156.162M



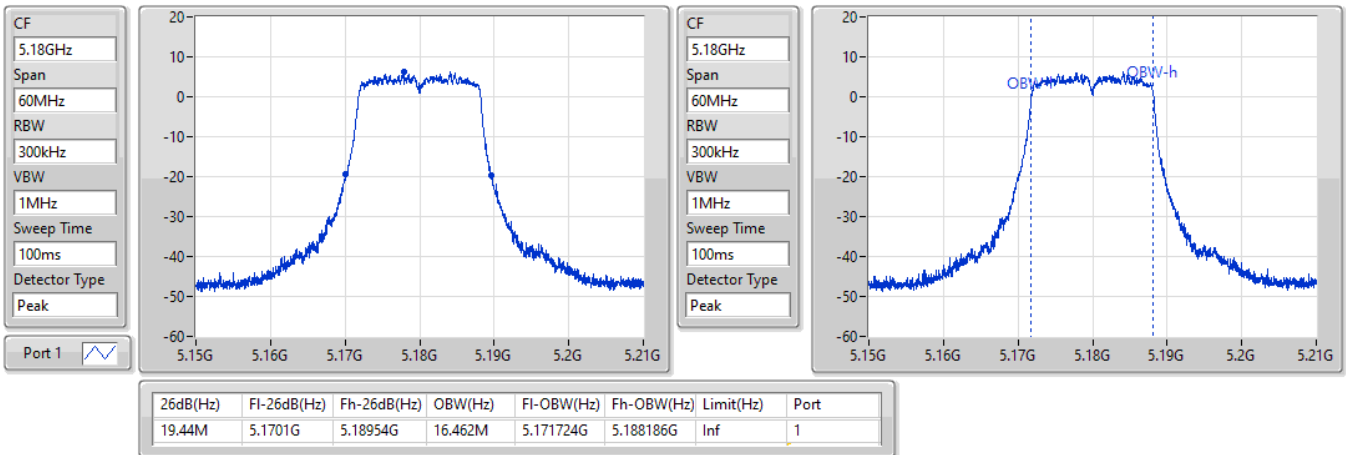
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_1TX(Port1)

EBW

5180MHz

30/04/2022

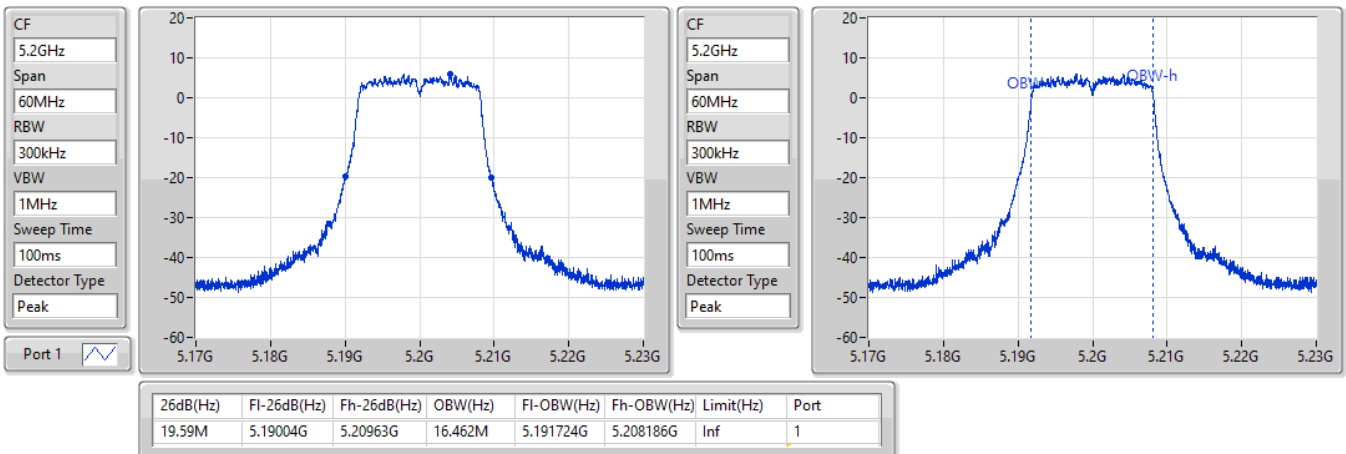


802.11a_Nss1,(6Mbps)_1TX(Port1)

EBW

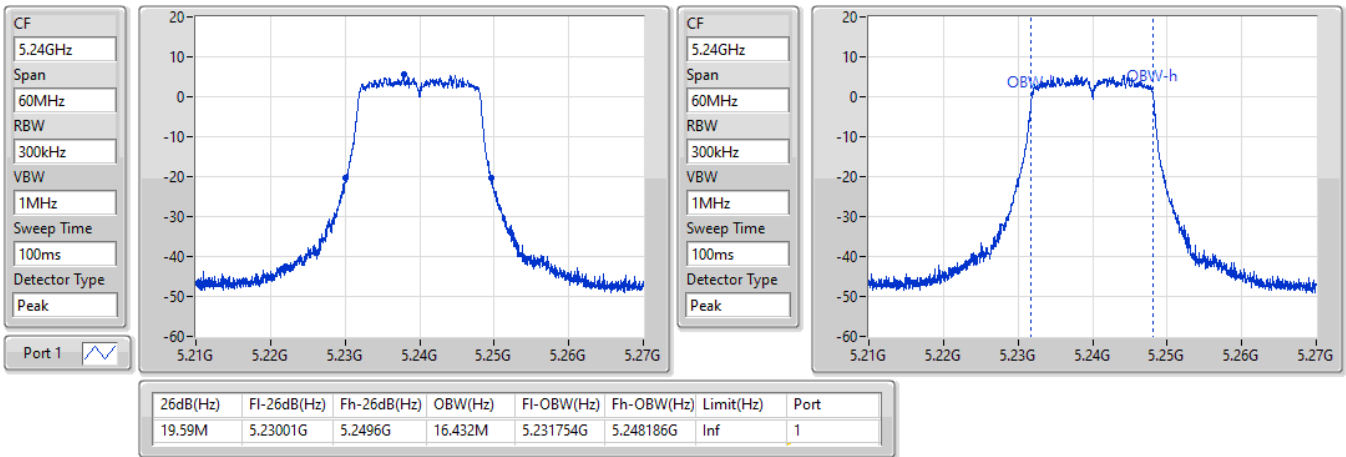
5200MHz

30/04/2022

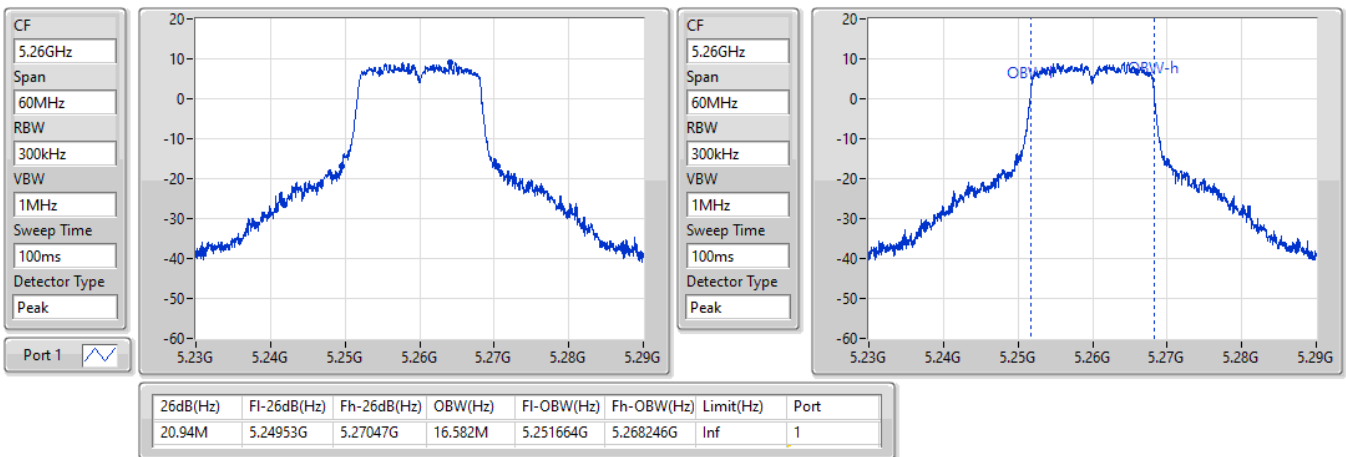


802.11a_Nss1,(6Mbps)_1TX(Port1)
EBW
5240MHz

30/04/2022


802.11a_Nss1,(6Mbps)_1TX(Port1)
EBW
5260MHz

30/04/2022

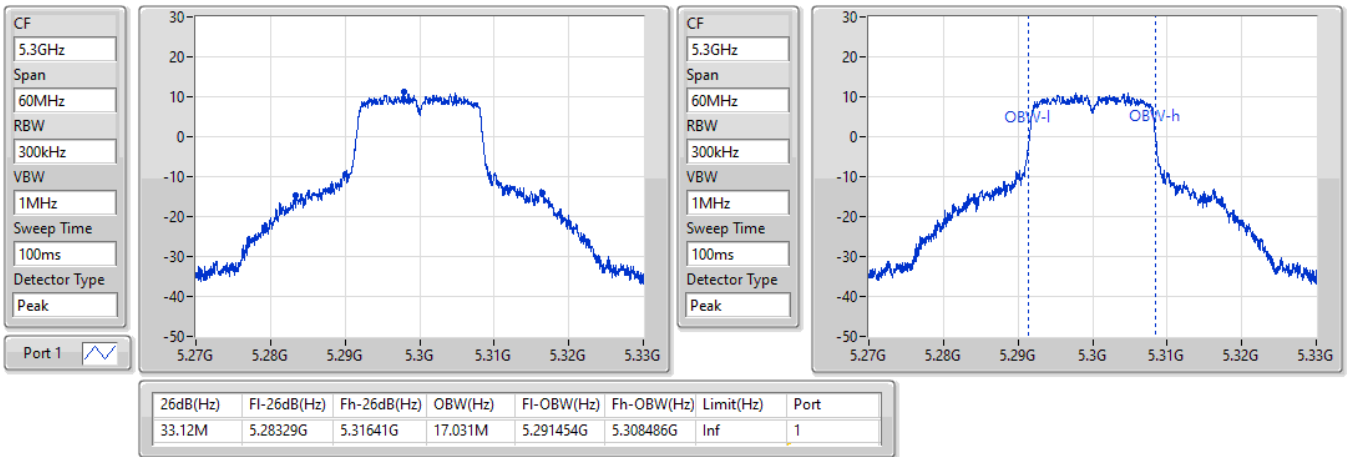


802.11a_Nss1,(6Mbps)_1TX(Port1)

EBW

5300MHz

03/05/2022

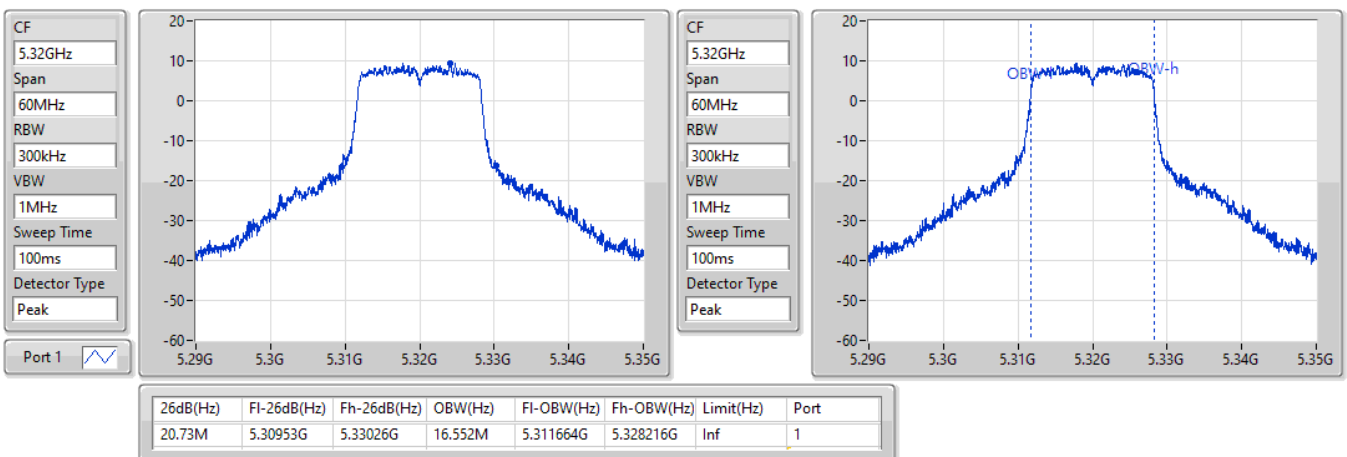


802.11a_Nss1,(6Mbps)_1TX(Port1)

EBW

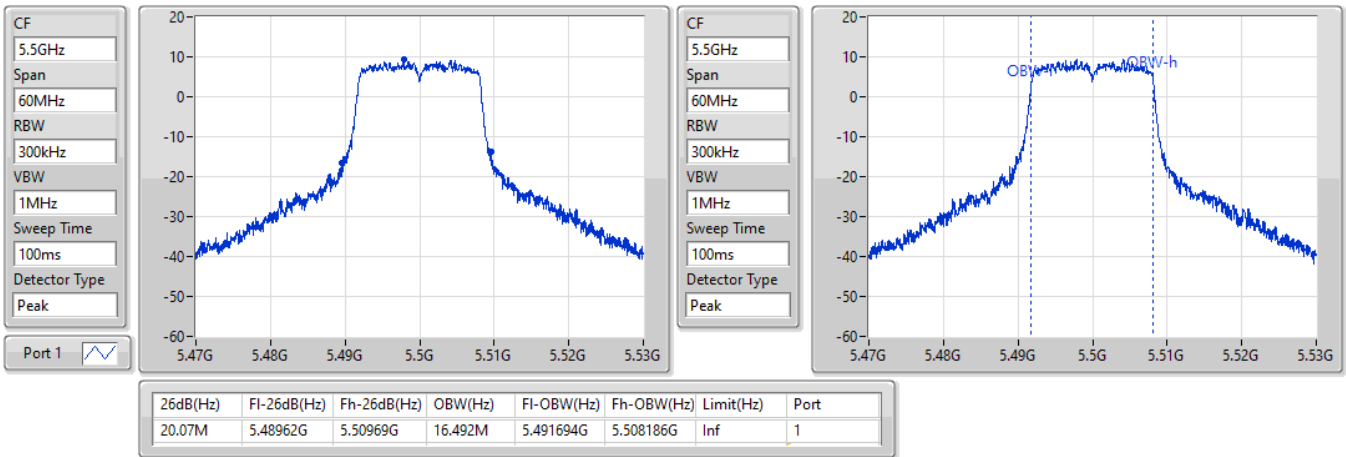
5320MHz

30/04/2022

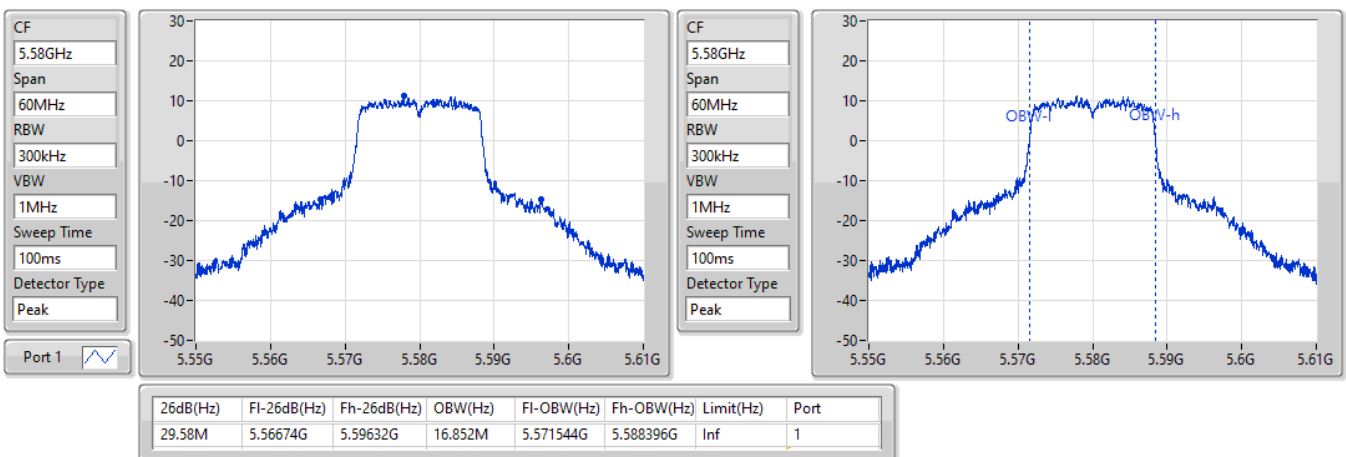


802.11a_Nss1,(6Mbps)_1TX(Port1)
EBW
5500MHz

30/04/2022


802.11a_Nss1,(6Mbps)_1TX(Port1)
EBW
5580MHz

30/04/2022

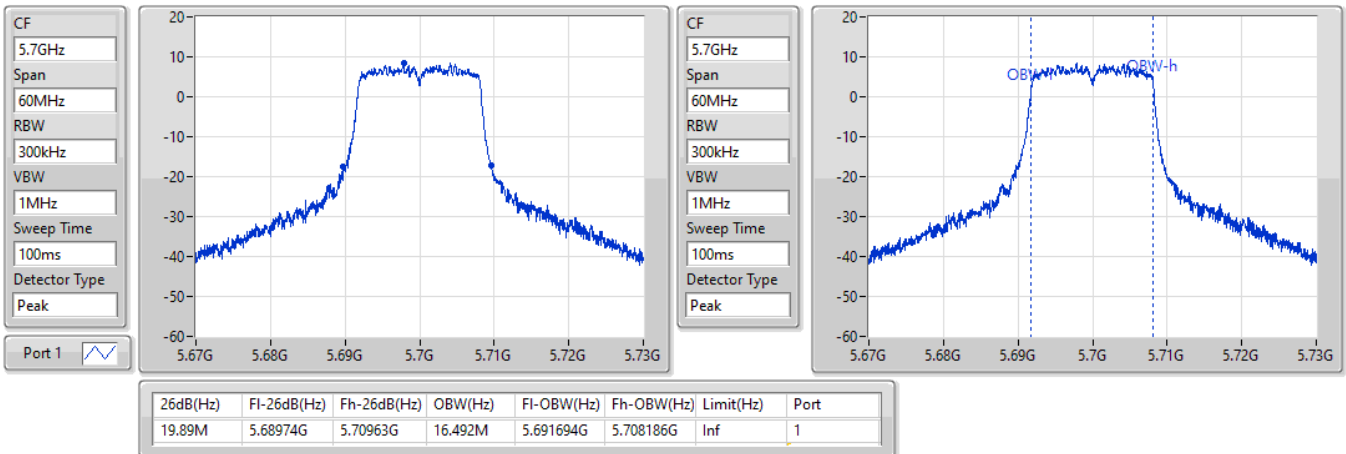


802.11a_Nss1,(6Mbps)_1TX(Port1)

EBW

5700MHz

30/04/2022

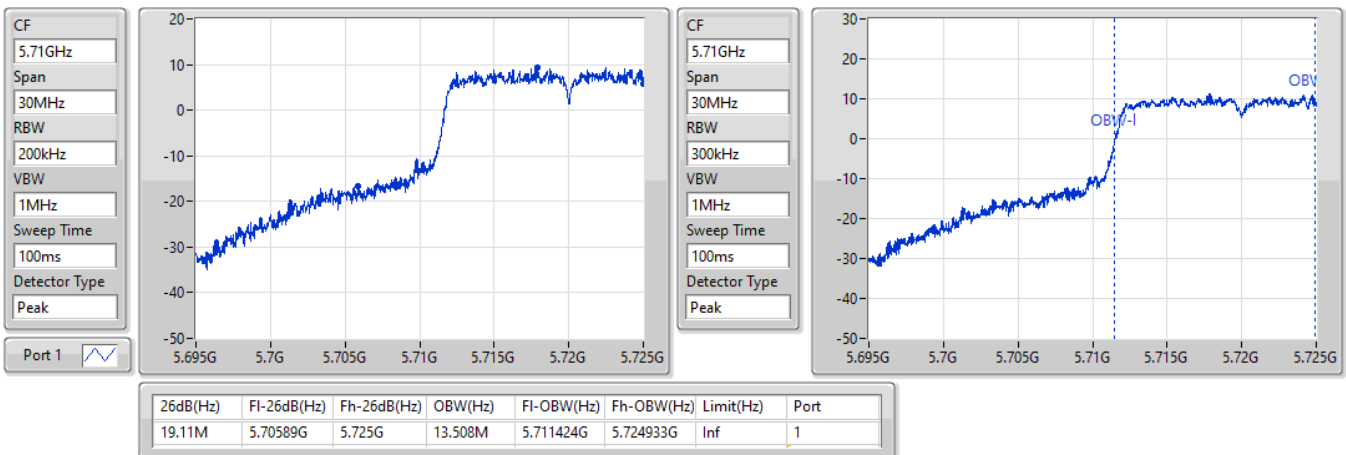


802.11a_Nss1,(6Mbps)_1TX(Port1)

EBW

5720MHz Straddle 5.47-5.725GHz

30/04/2022

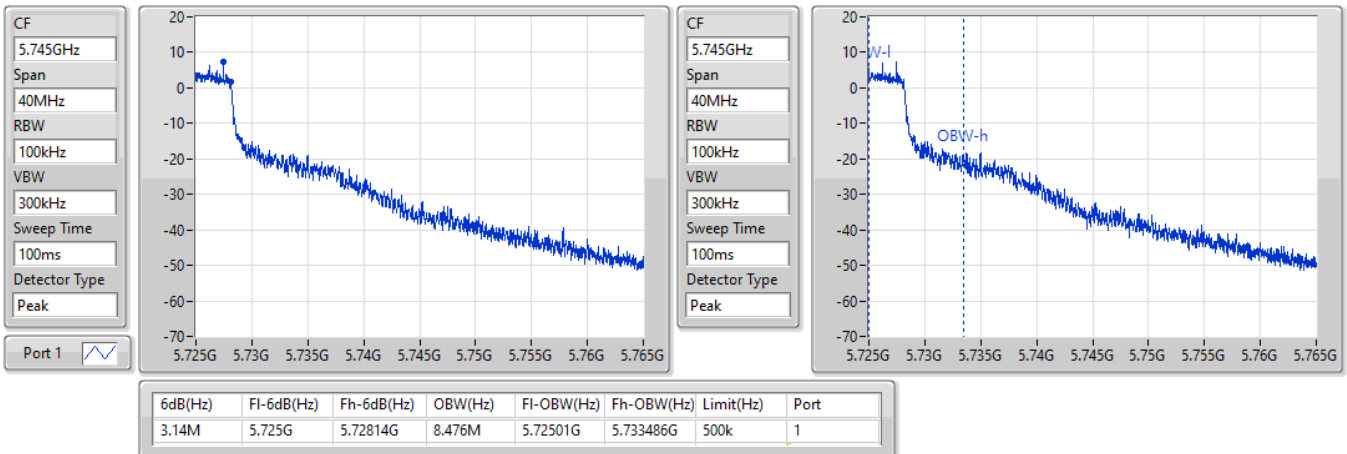


802.11a_Nss1,(6Mbps)_1TX(Port1)

EBW

5720MHz Straddle 5.725-5.85GHz

30/04/2022

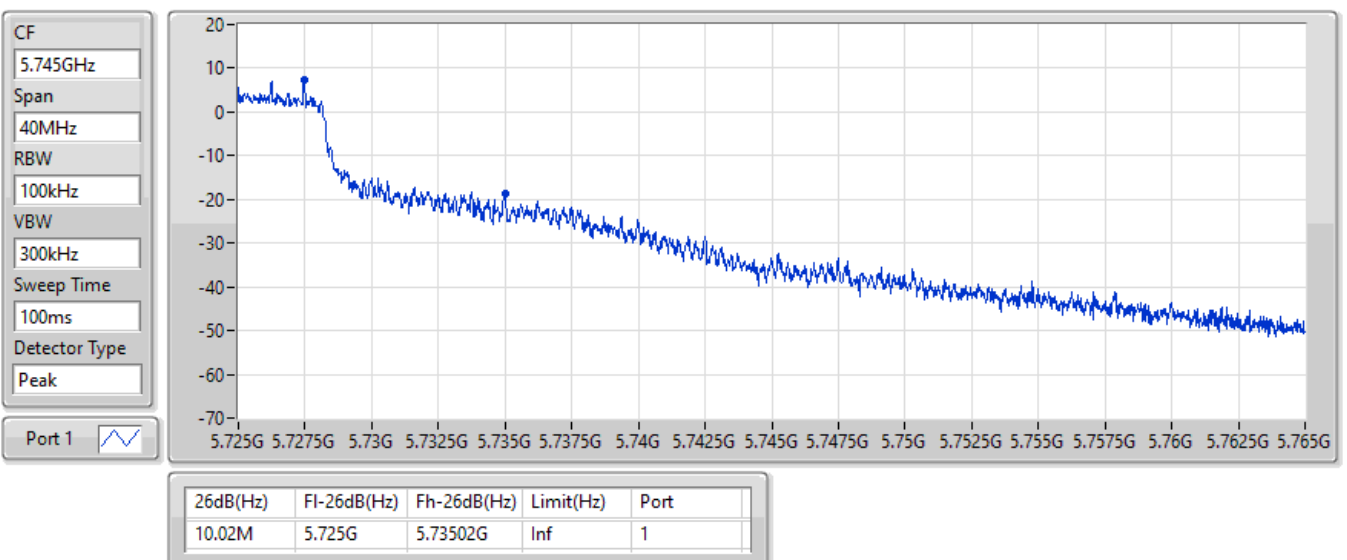


802.11a_Nss1,(6Mbps)_1TX(Port1)

EBW

5720MHz Straddle 5.725-5.85GHz

30/04/2022

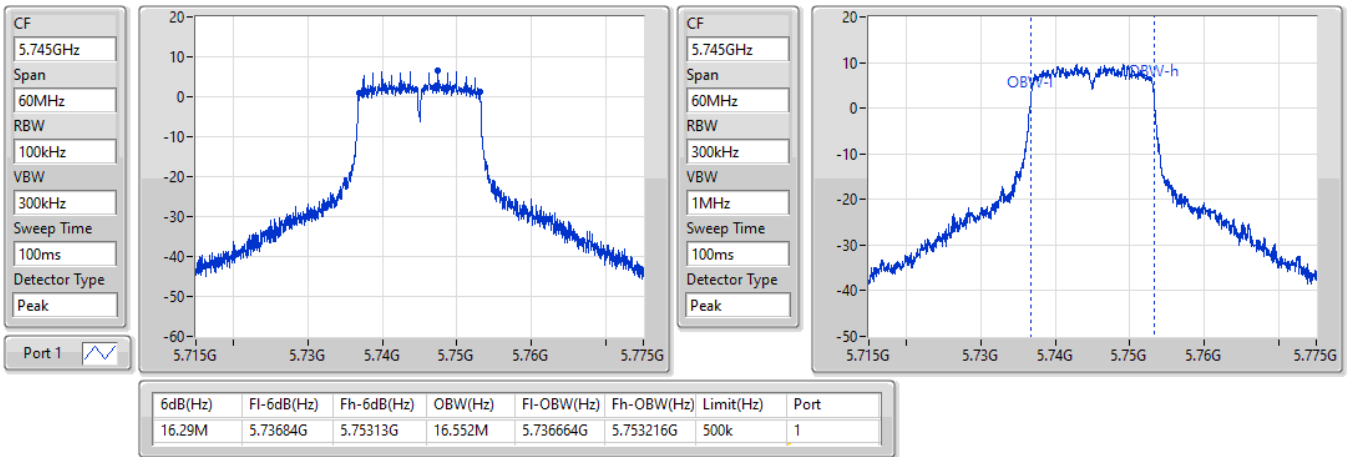


802.11a_Nss1,(6Mbps)_1TX(Port1)

EBW

5745MHz

30/04/2022

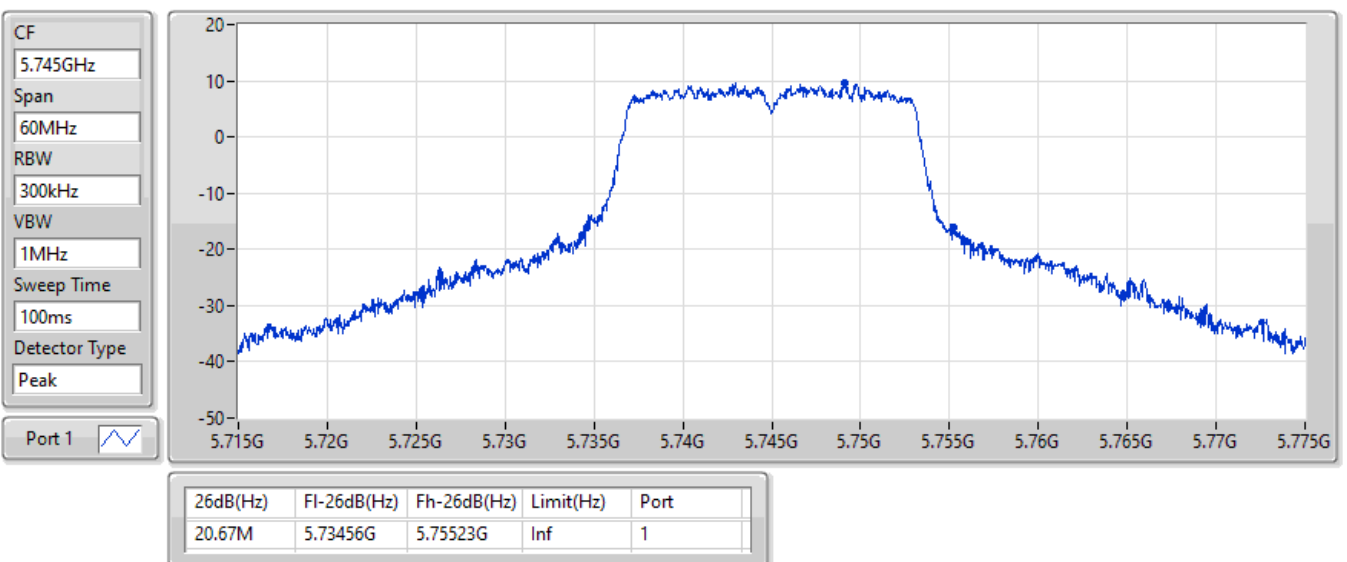


802.11a_Nss1,(6Mbps)_1TX(Port1)

EBW

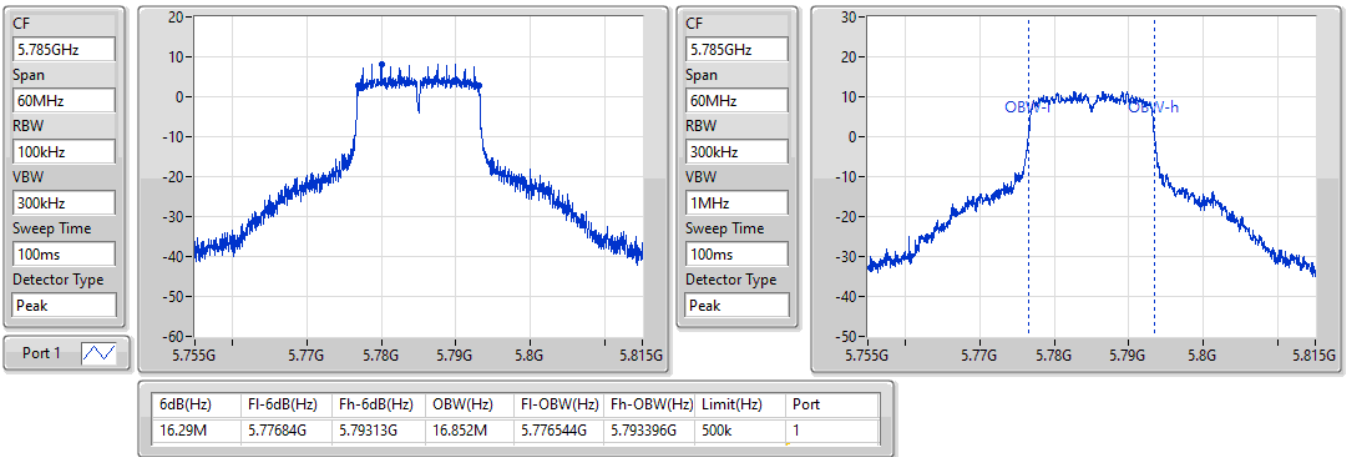
5745MHz

30/04/2022

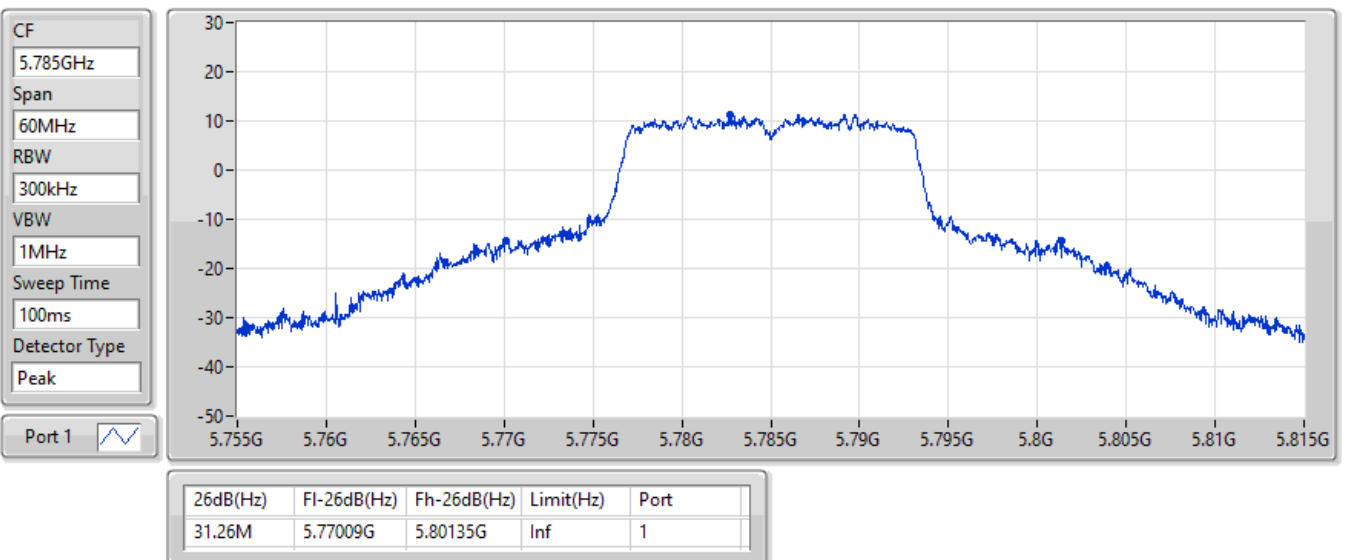


802.11a_Nss1,(6Mbps)_1TX(Port1)
EBW
5785MHz

30/04/2022

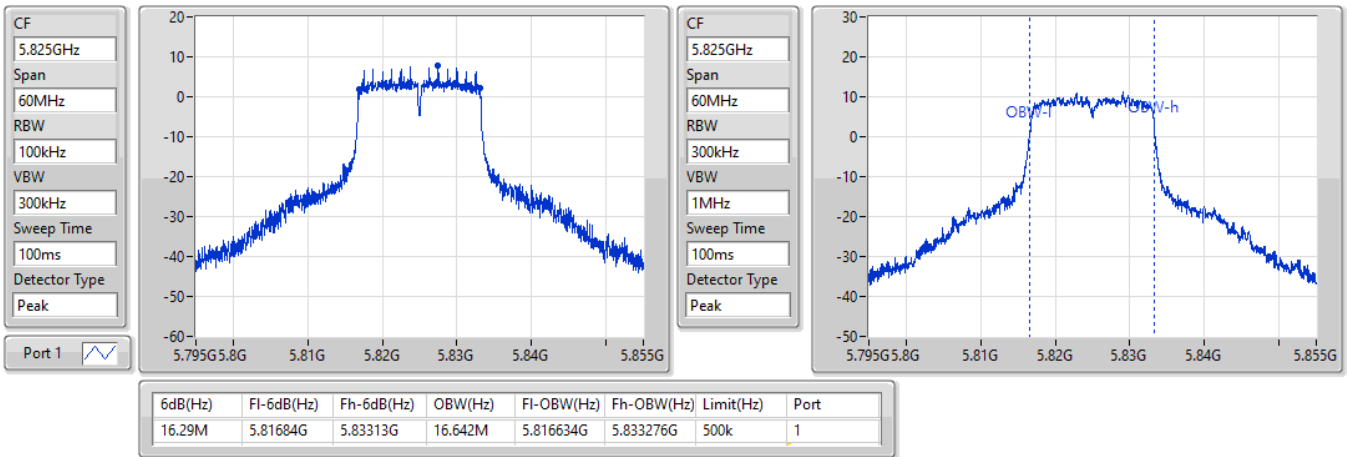

802.11a_Nss1,(6Mbps)_1TX(Port1)
EBW
5785MHz

30/04/2022

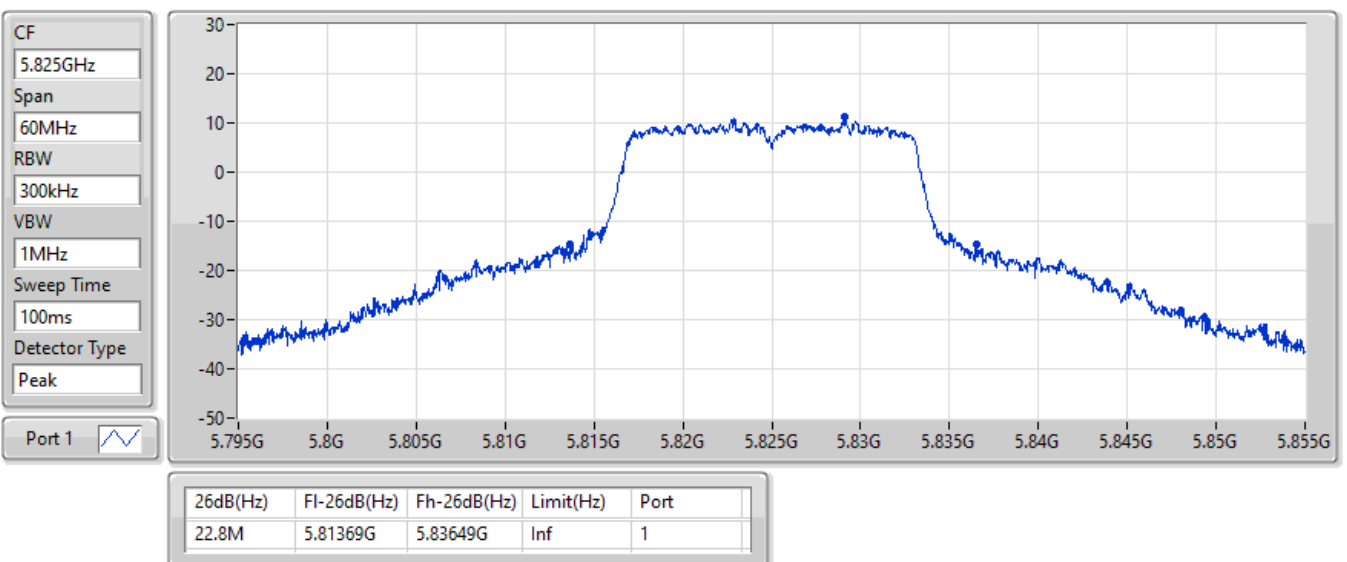


802.11a_Nss1,(6Mbps)_1TX(Port1)
EBW
5825MHz

30/04/2022


802.11a_Nss1,(6Mbps)_1TX(Port1)
EBW
5825MHz

30/04/2022

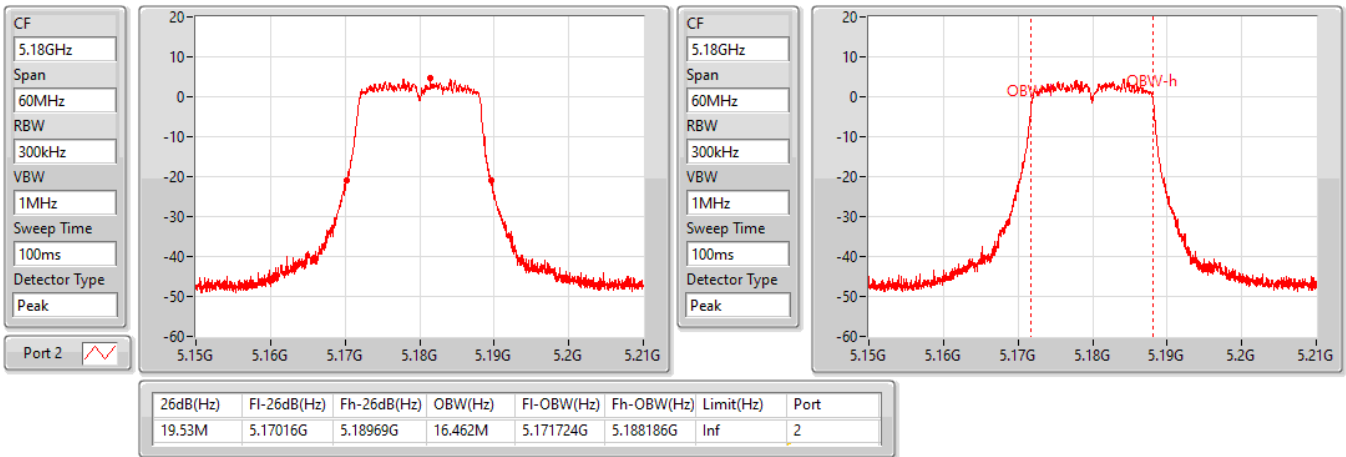


802.11a_Nss1,(6Mbps)_1TX(Port2)

EBW

5180MHz

30/04/2022

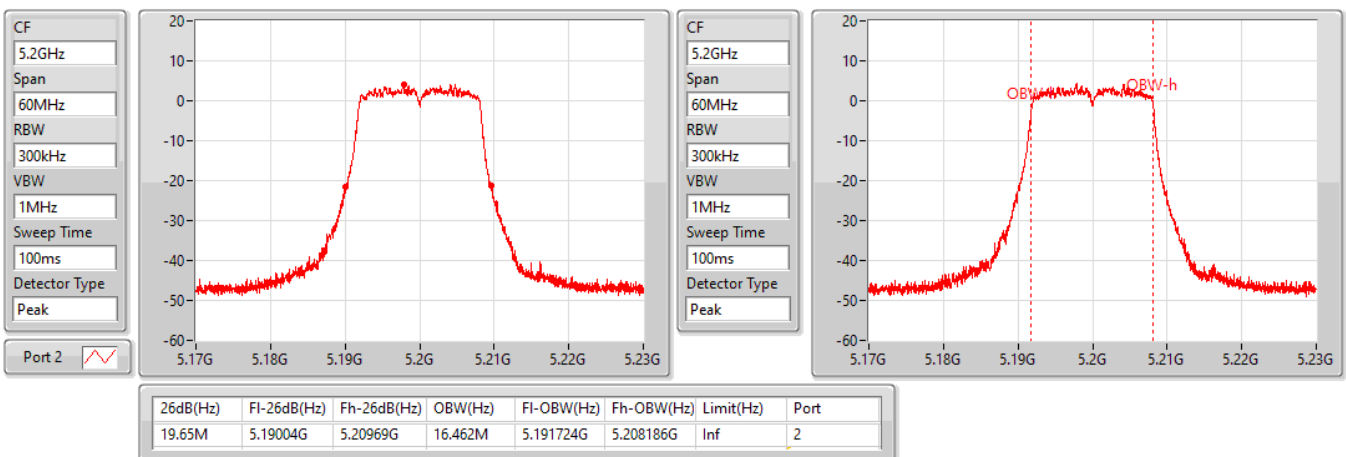


802.11a_Nss1,(6Mbps)_1TX(Port2)

EBW

5200MHz

30/04/2022

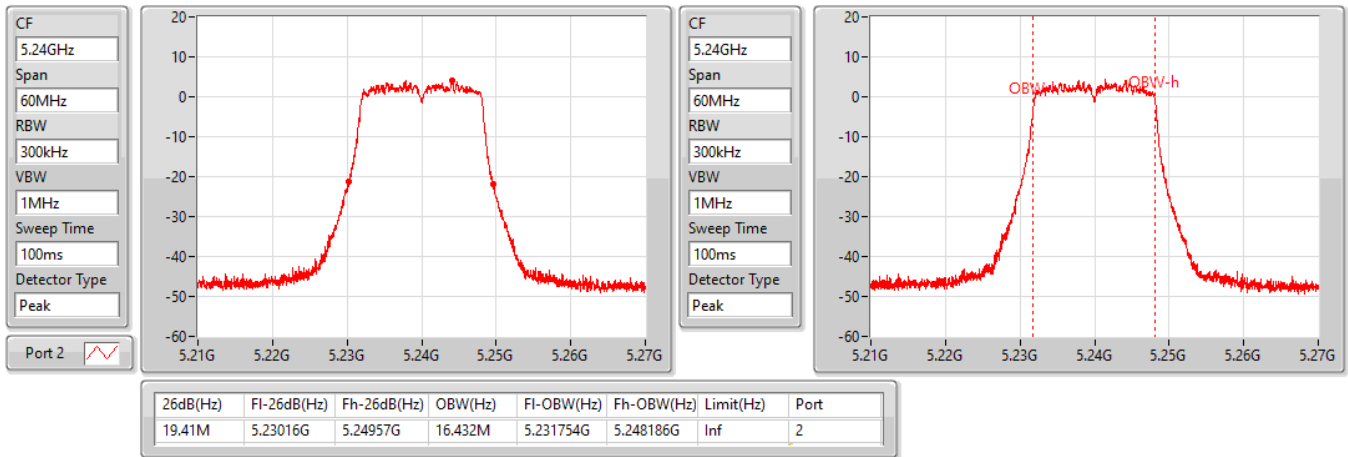


802.11a_Nss1,(6Mbps)_1TX(Port2)

EBW

5240MHz

30/04/2022

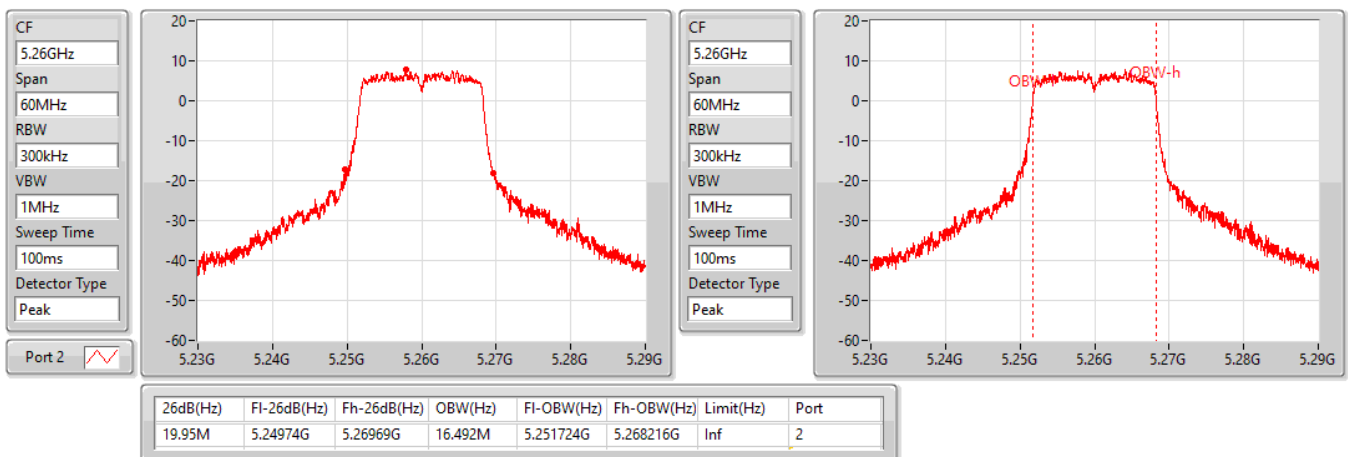


802.11a_Nss1,(6Mbps)_1TX(Port2)

EBW

5260MHz

30/04/2022

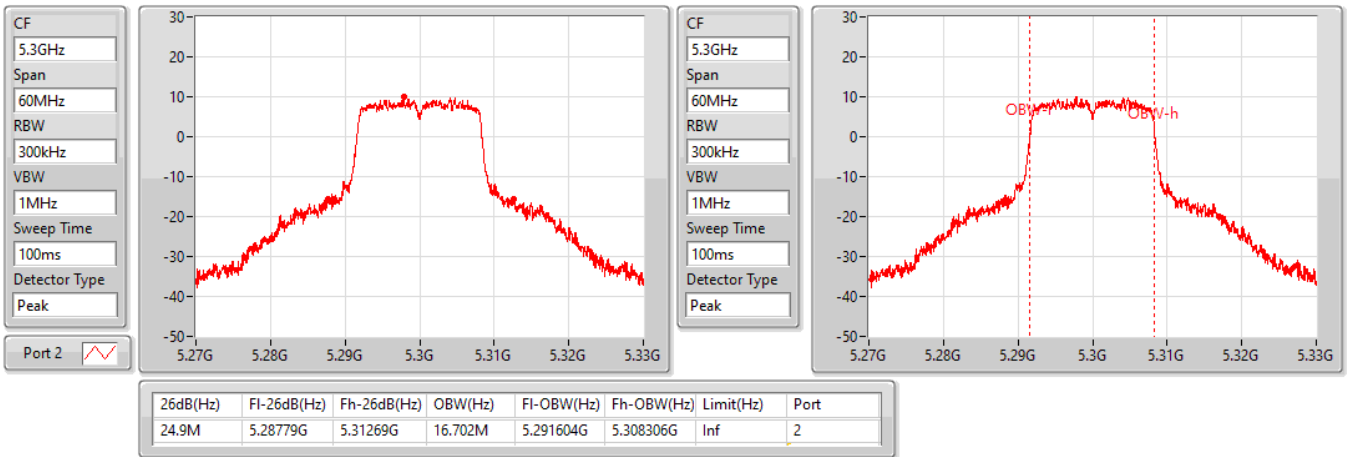


802.11a_Nss1,(6Mbps)_1TX(Port2)

EBW

5300MHz

03/05/2022

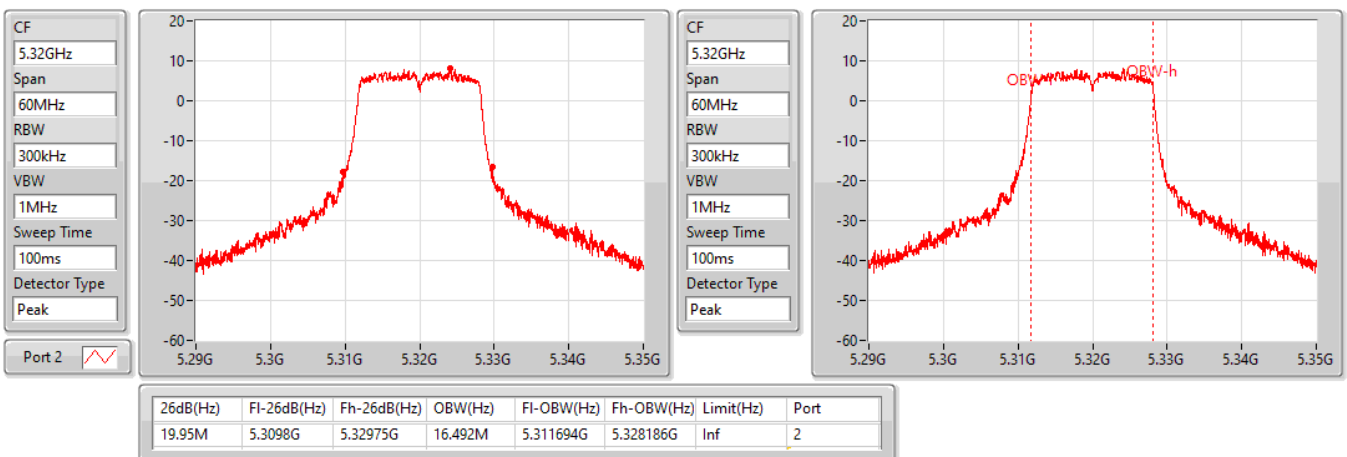


802.11a_Nss1,(6Mbps)_1TX(Port2)

EBW

5320MHz

30/04/2022

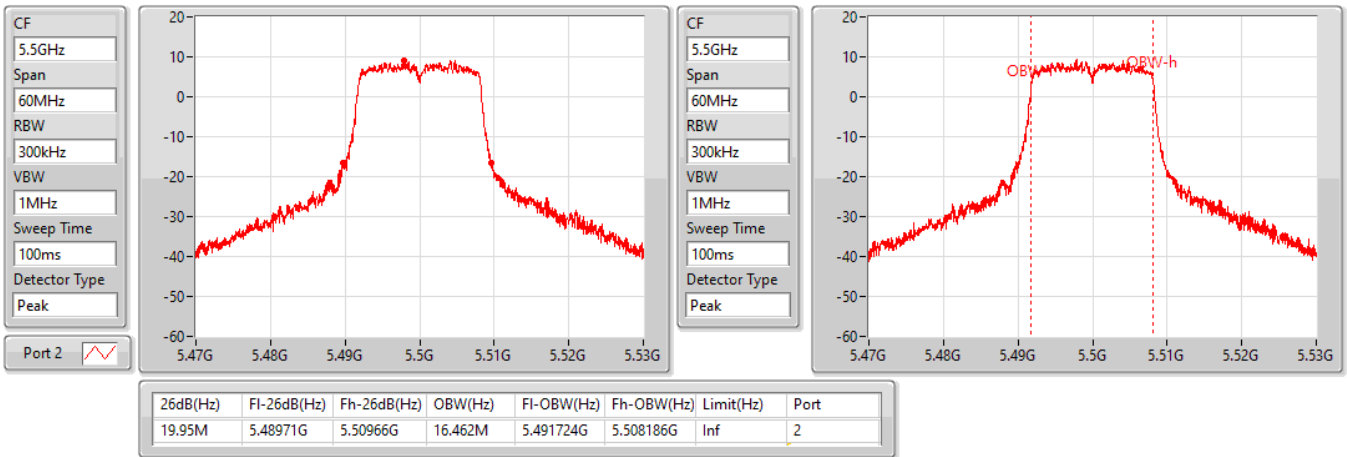


802.11a_Nss1,(6Mbps)_1TX(Port2)

EBW

5500MHz

30/04/2022

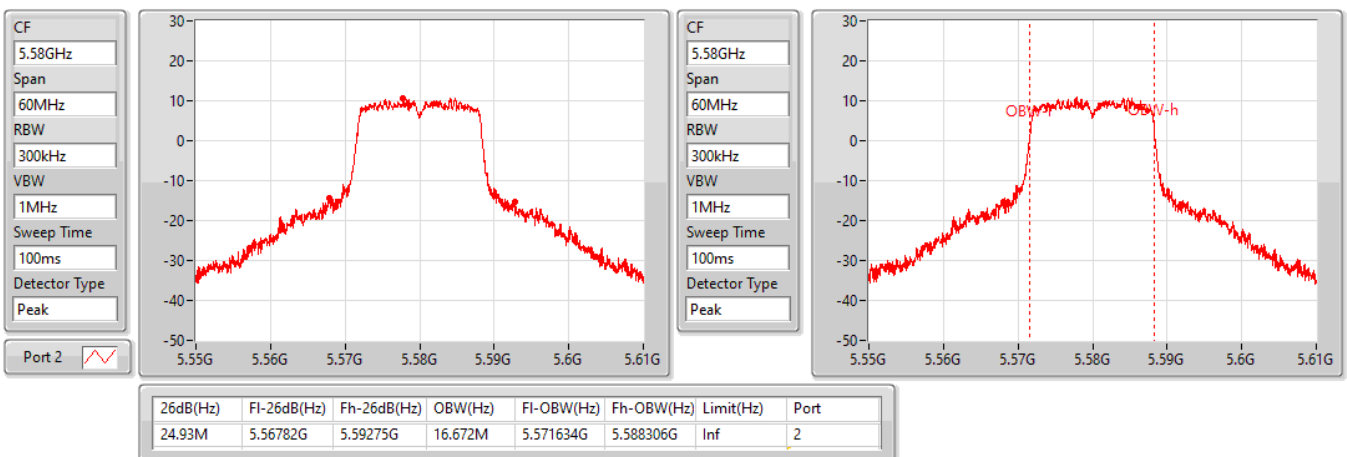


802.11a_Nss1,(6Mbps)_1TX(Port2)

EBW

5580MHz

30/04/2022

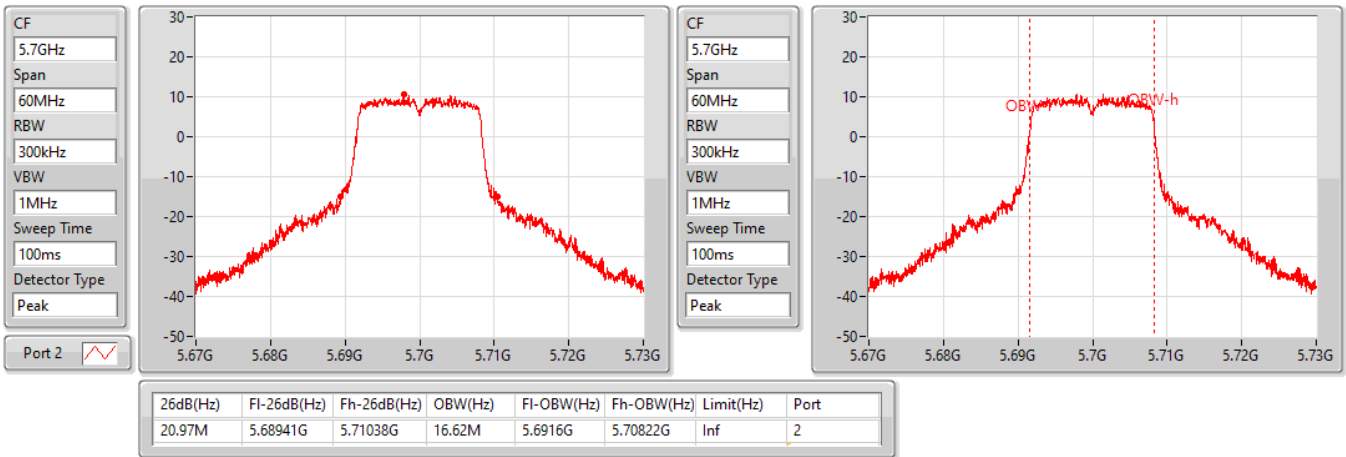


802.11a_Nss1,(6Mbps)_1TX(Port2)

EBW

5700MHz

09/05/2022

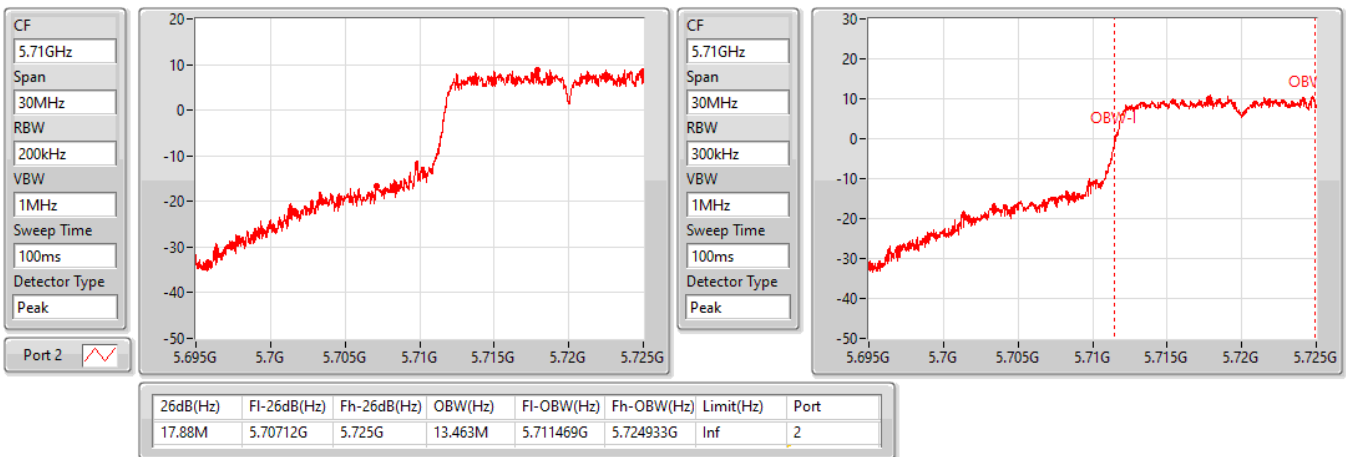


802.11a_Nss1,(6Mbps)_1TX(Port2)

EBW

5720MHz Straddle 5.47-5.725GHz

30/04/2022

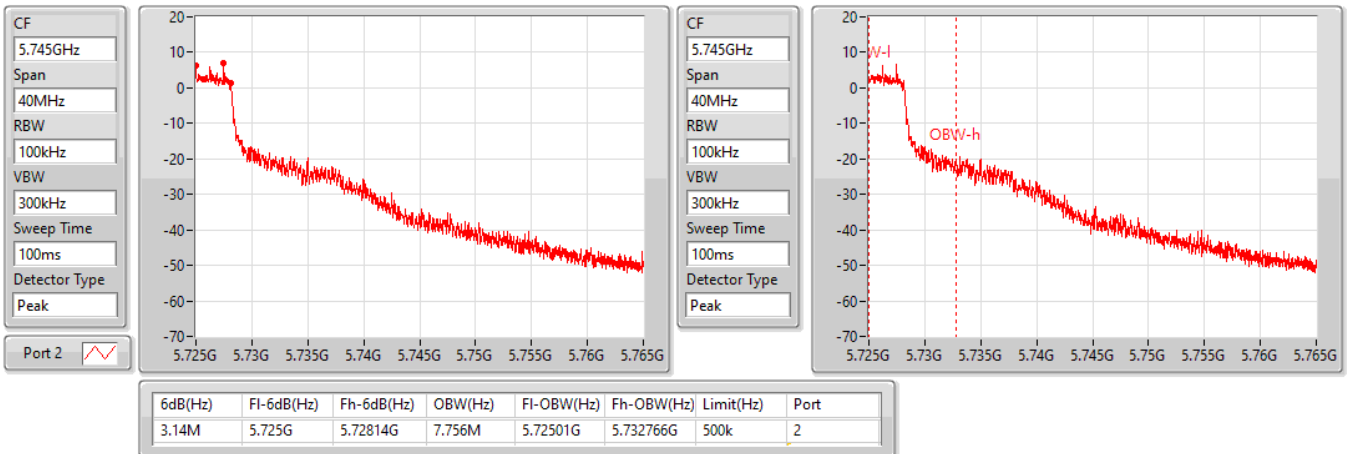


802.11a_Nss1,(6Mbps)_1TX(Port2)

EBW

5720MHz Straddle 5.725-5.85GHz

30/04/2022

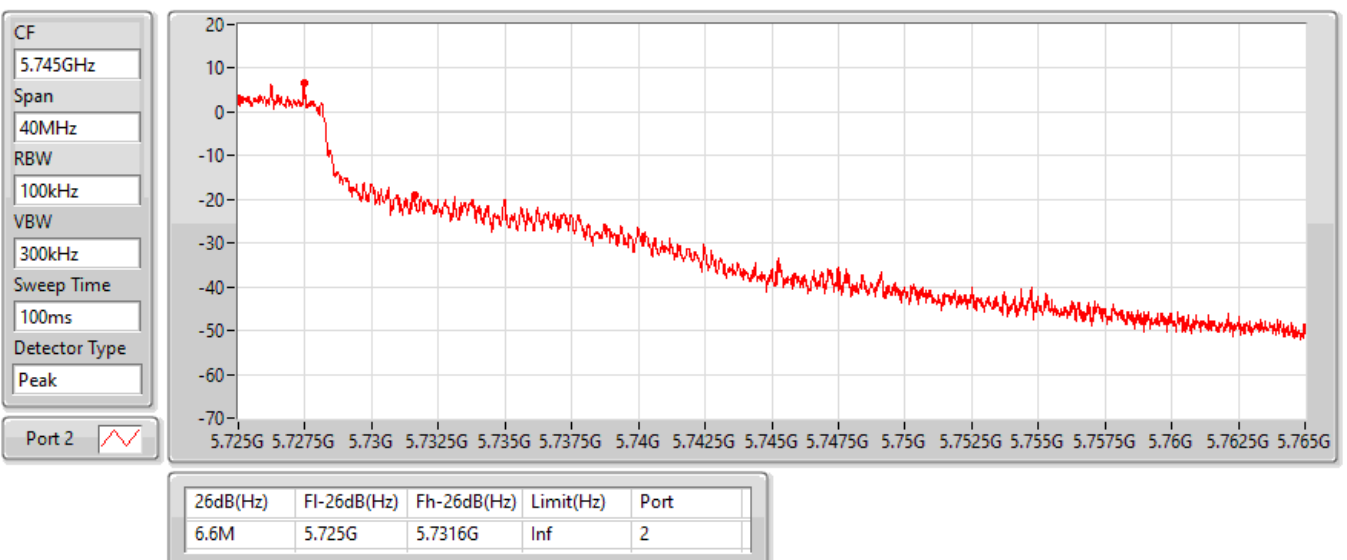


802.11a_Nss1,(6Mbps)_1TX(Port2)

EBW

5720MHz Straddle 5.725-5.85GHz

30/04/2022

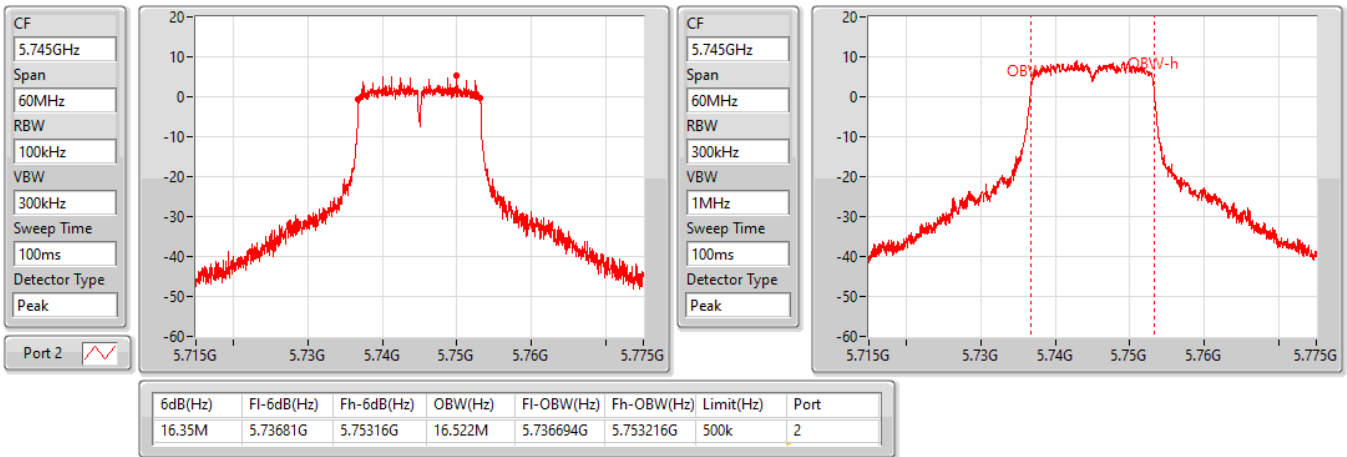


802.11a_Nss1,(6Mbps)_1TX(Port2)

EBW

5745MHz

30/04/2022

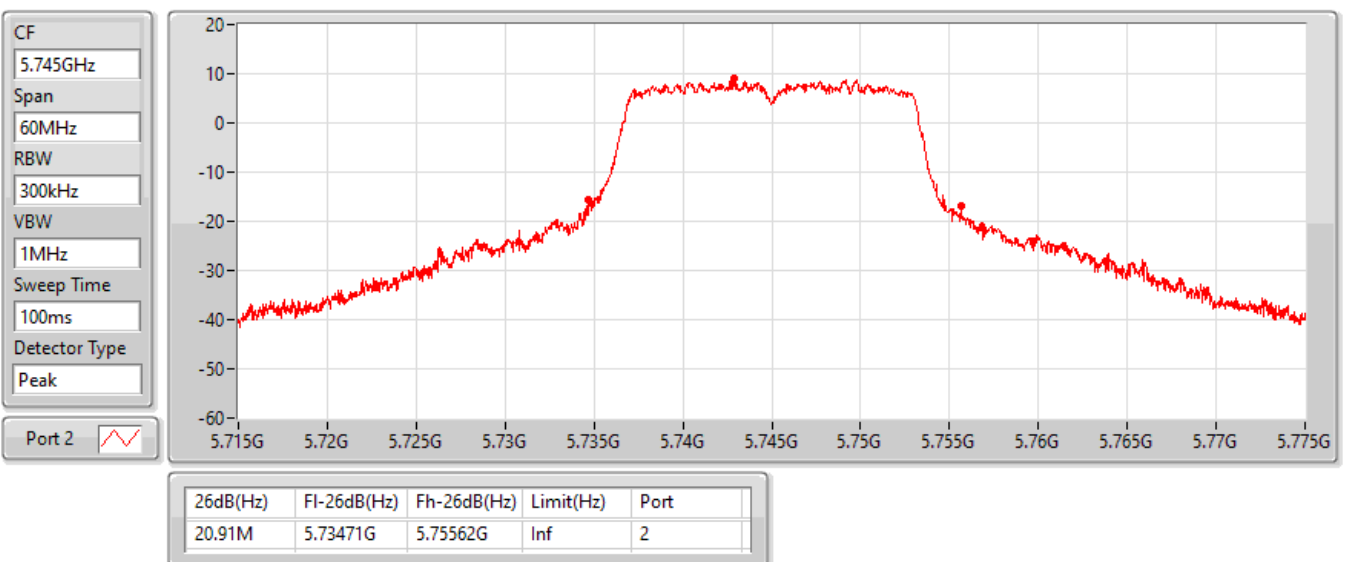


802.11a_Nss1,(6Mbps)_1TX(Port2)

EBW

5745MHz

30/04/2022

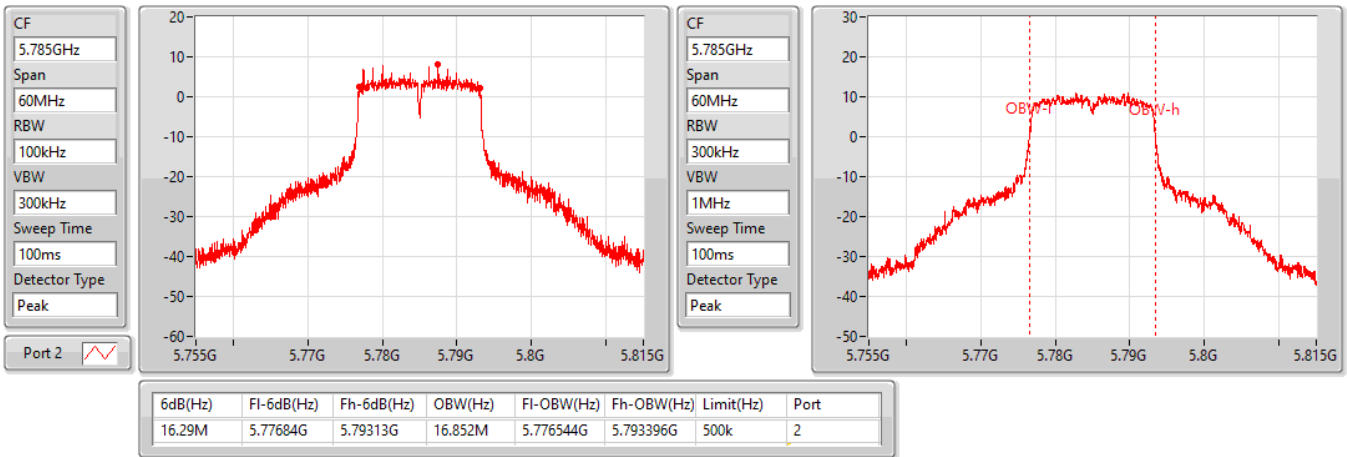


802.11a_Nss1,(6Mbps)_1TX(Port2)

EBW

5785MHz

30/04/2022

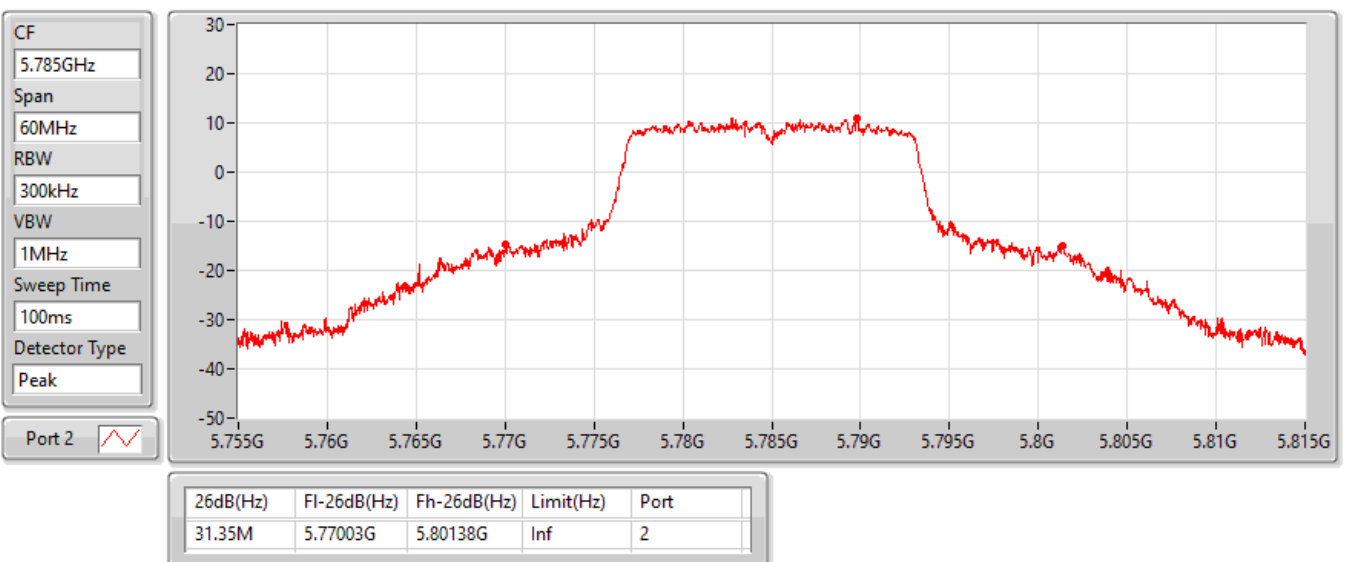


802.11a_Nss1,(6Mbps)_1TX(Port2)

EBW

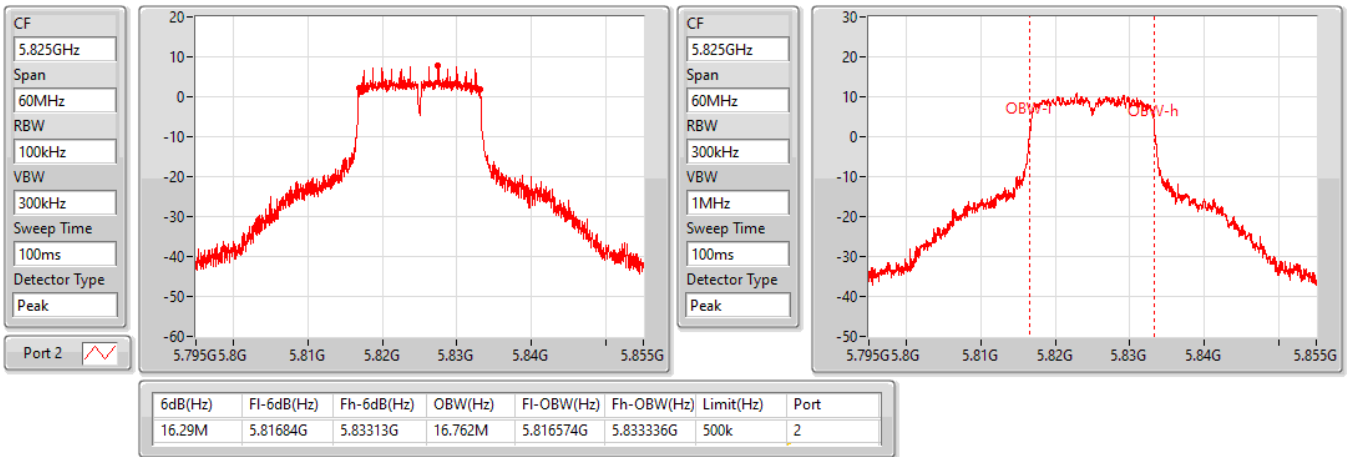
5785MHz

30/04/2022

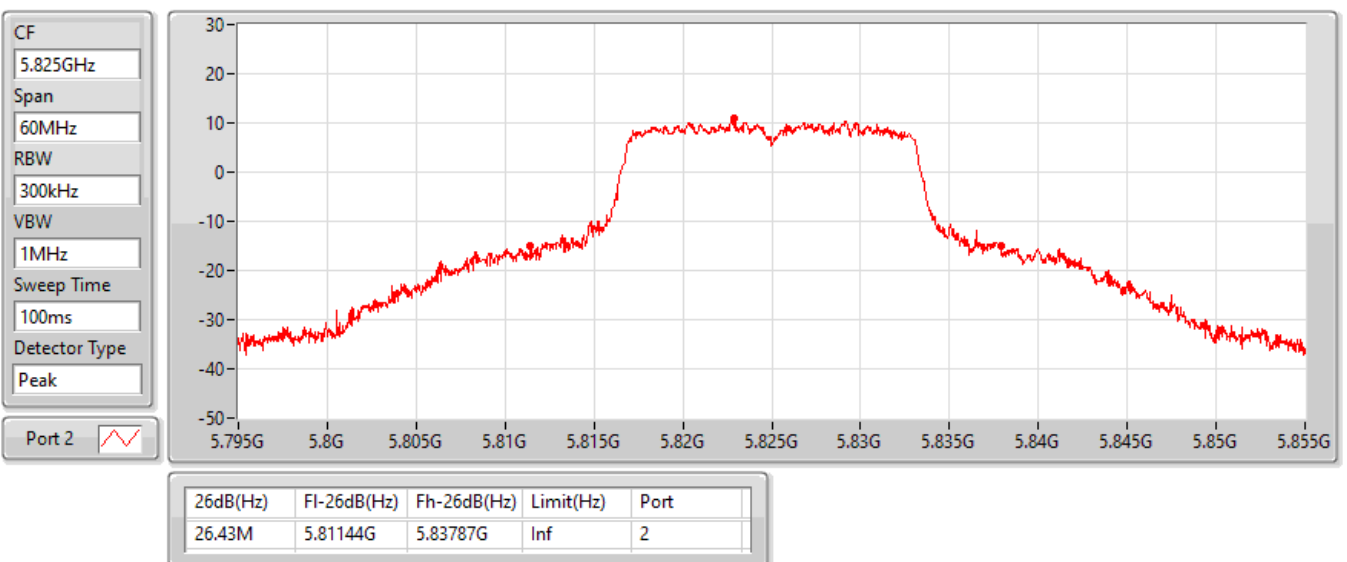


802.11a_Nss1,(6Mbps)_1TX(Port2)
EBW
5825MHz

30/04/2022


802.11a_Nss1,(6Mbps)_1TX(Port2)
EBW
5825MHz

30/04/2022

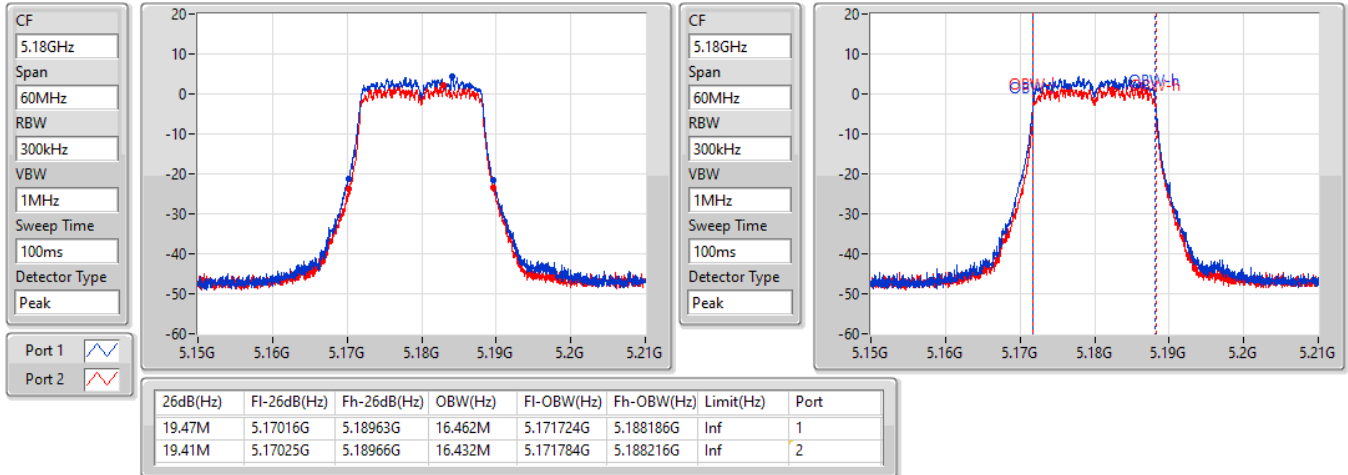


802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

30/04/2022

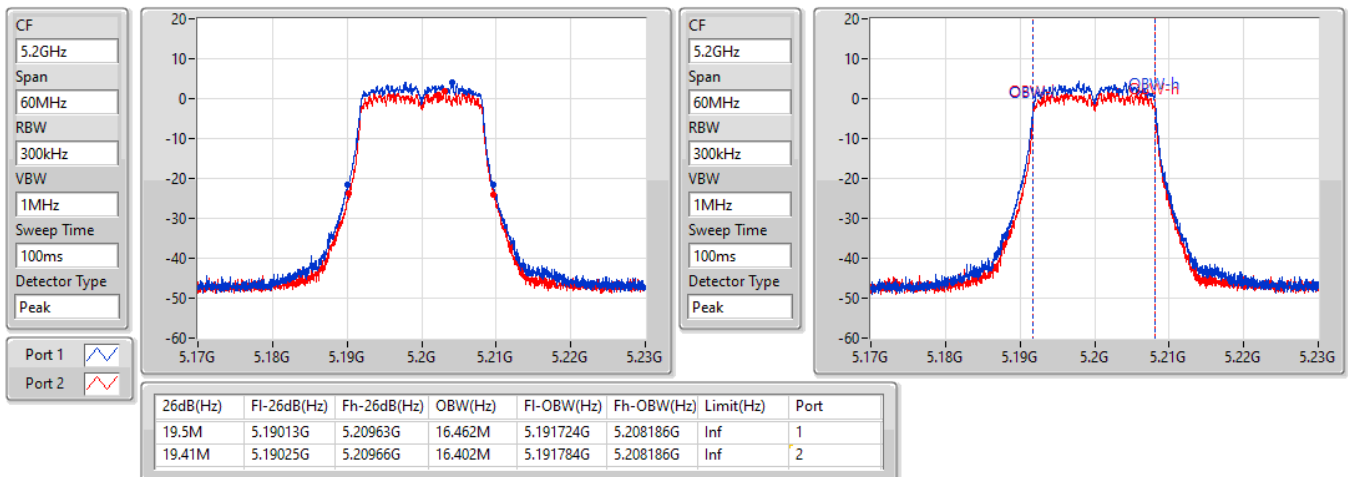


802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

30/04/2022

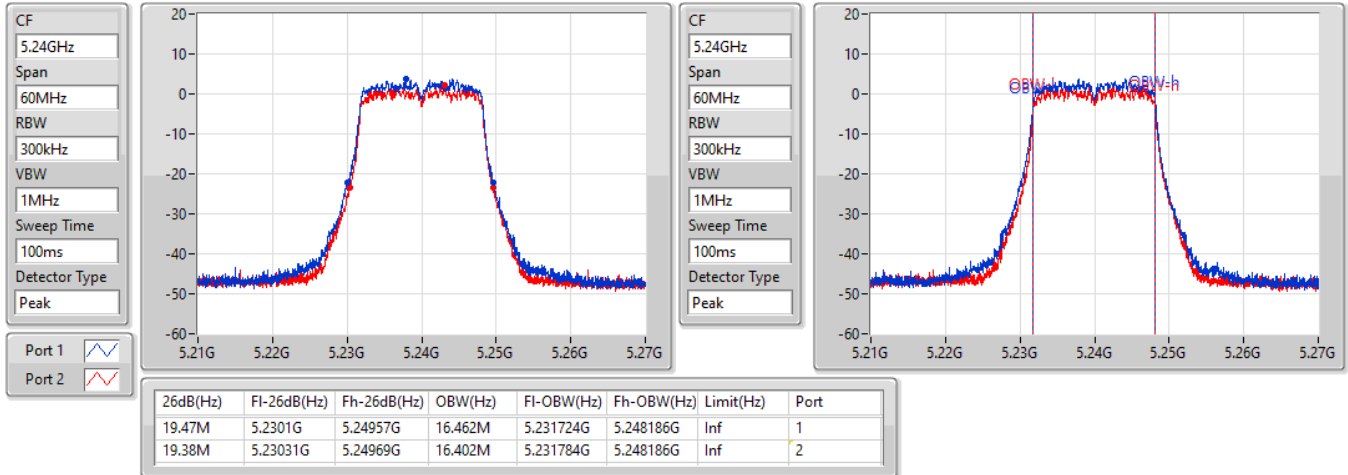


802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

30/04/2022

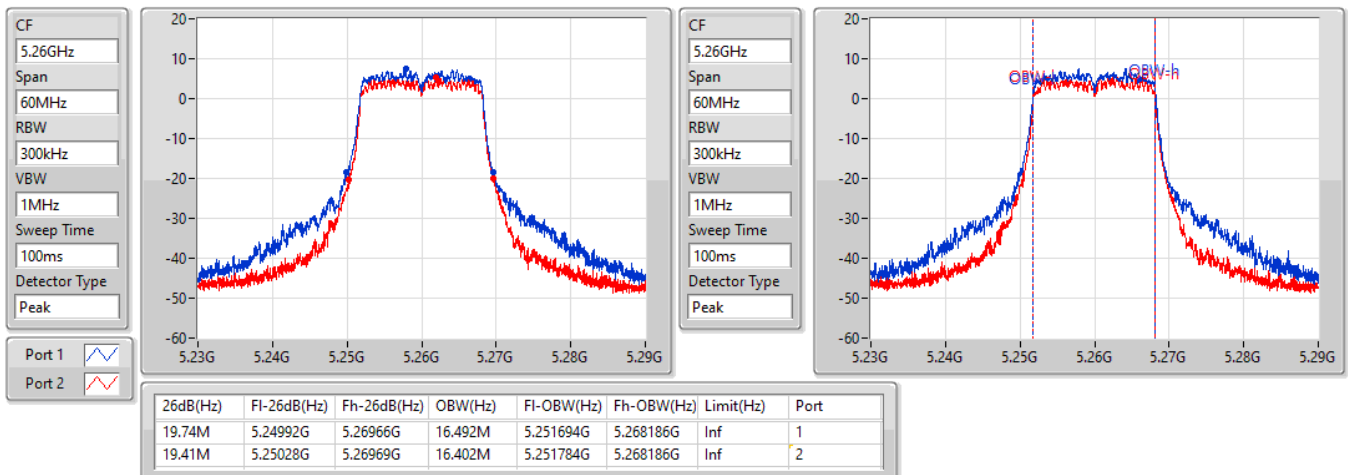


802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

30/04/2022

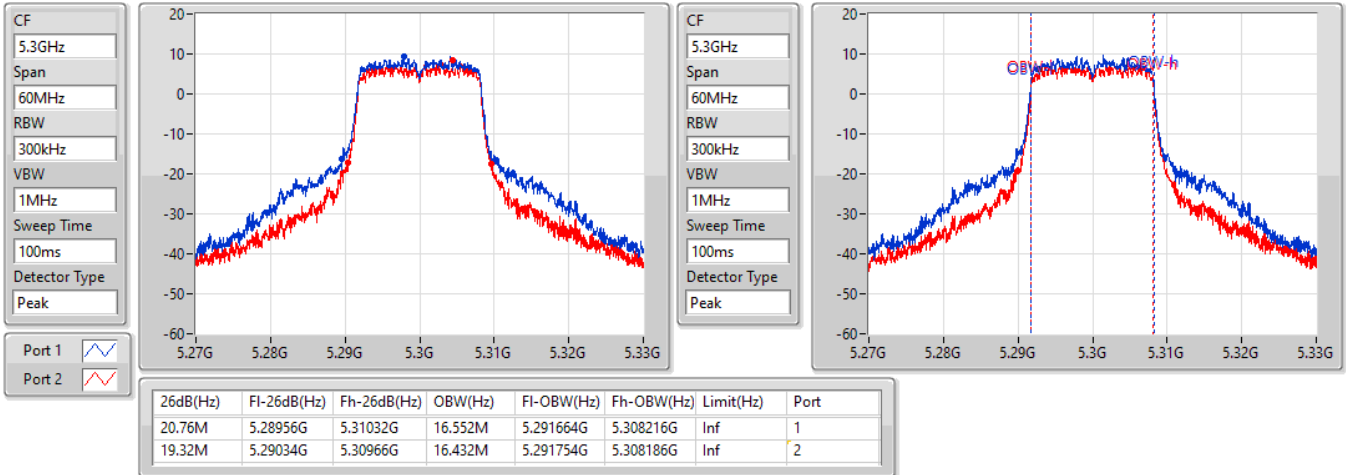


802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

03/05/2022

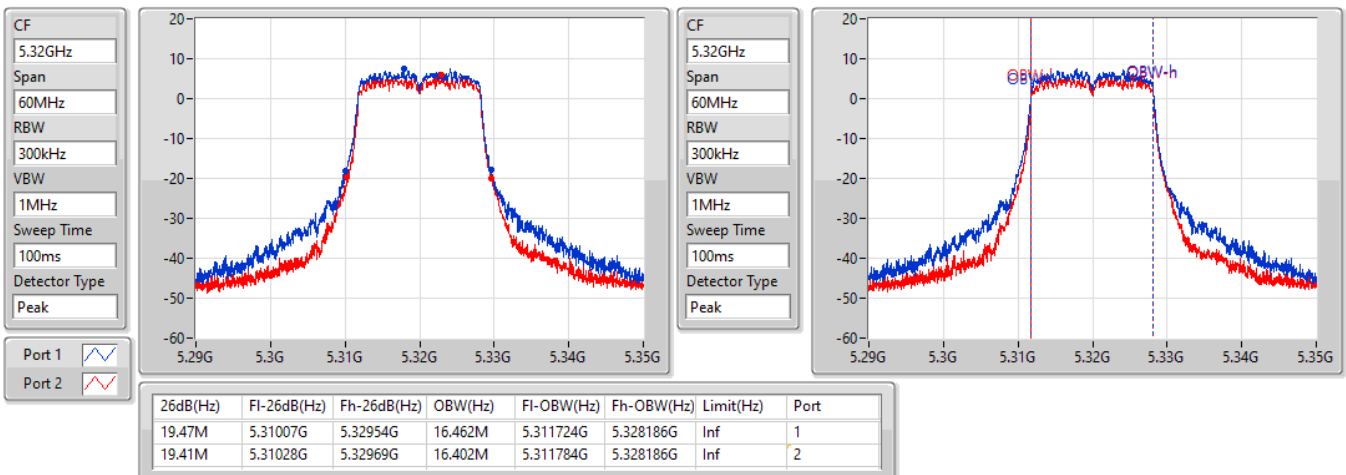


802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

30/04/2022

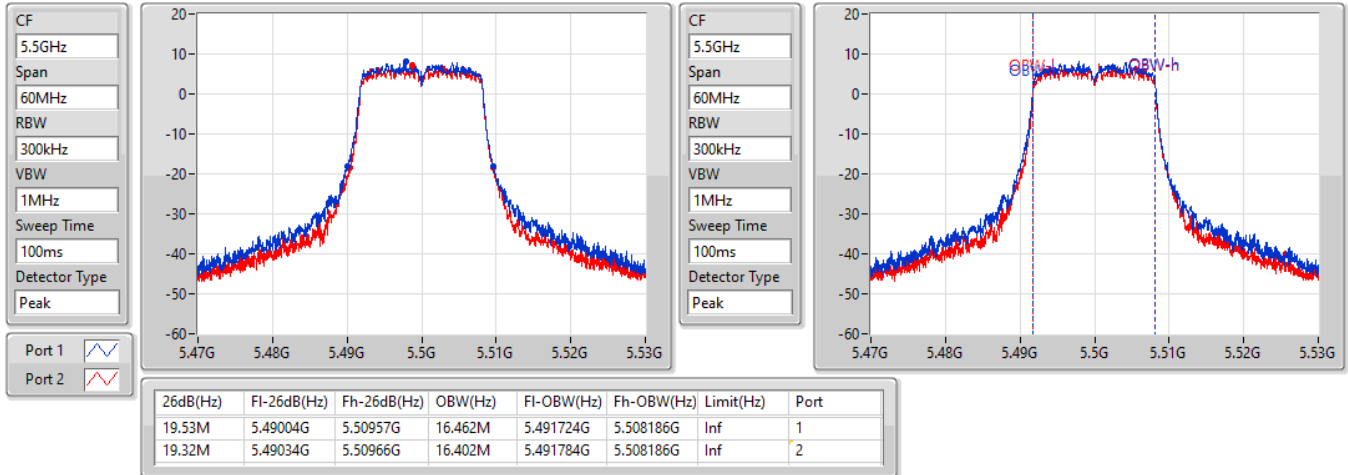


802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

30/04/2022

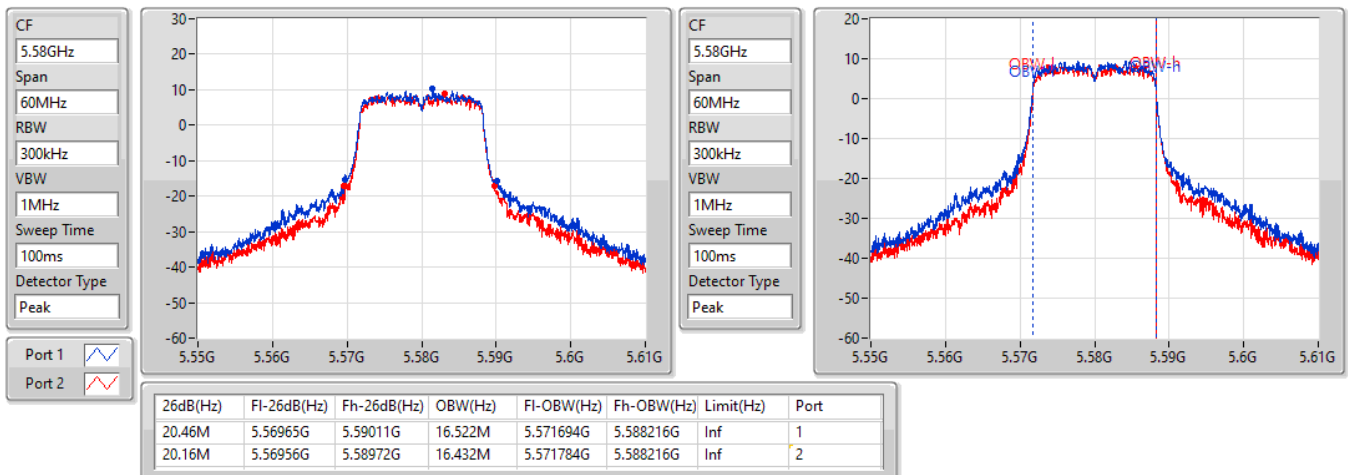


802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

30/04/2022

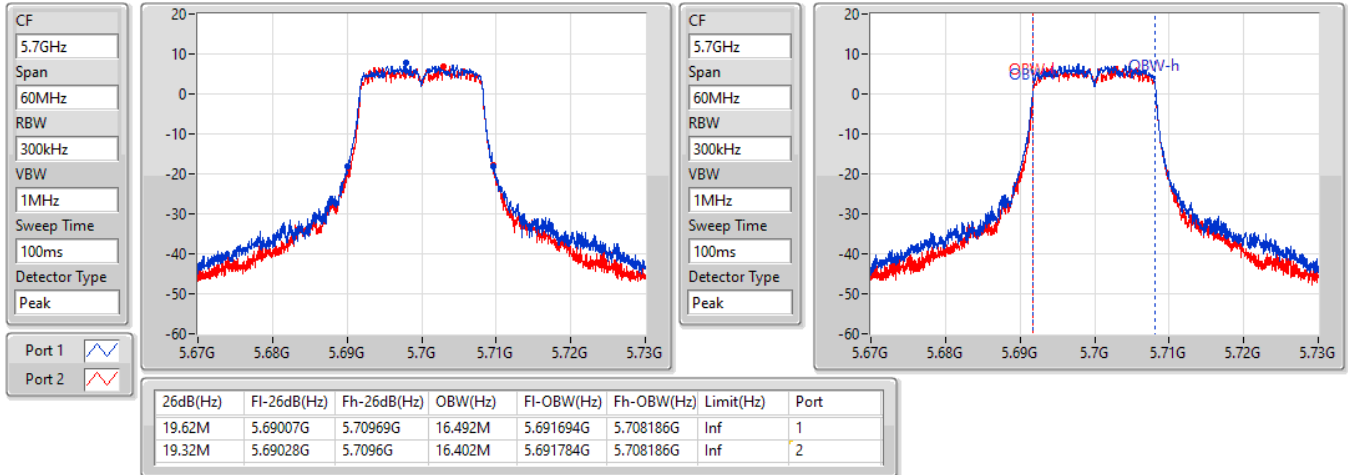


802.11a_Nss1,(6Mbps)_2TX

EBW

5700MHz

30/04/2022

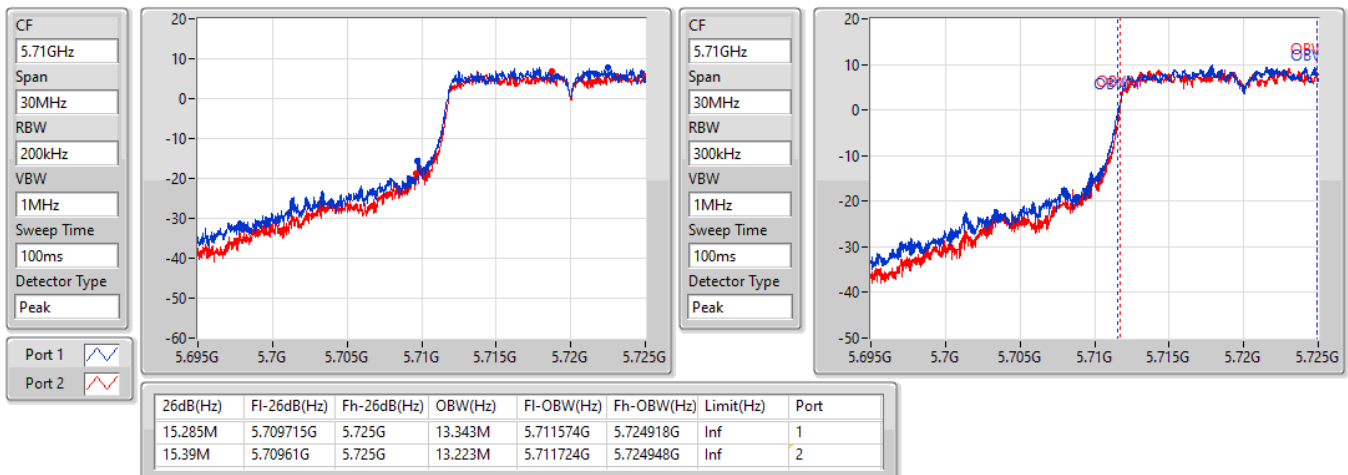


802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

30/04/2022

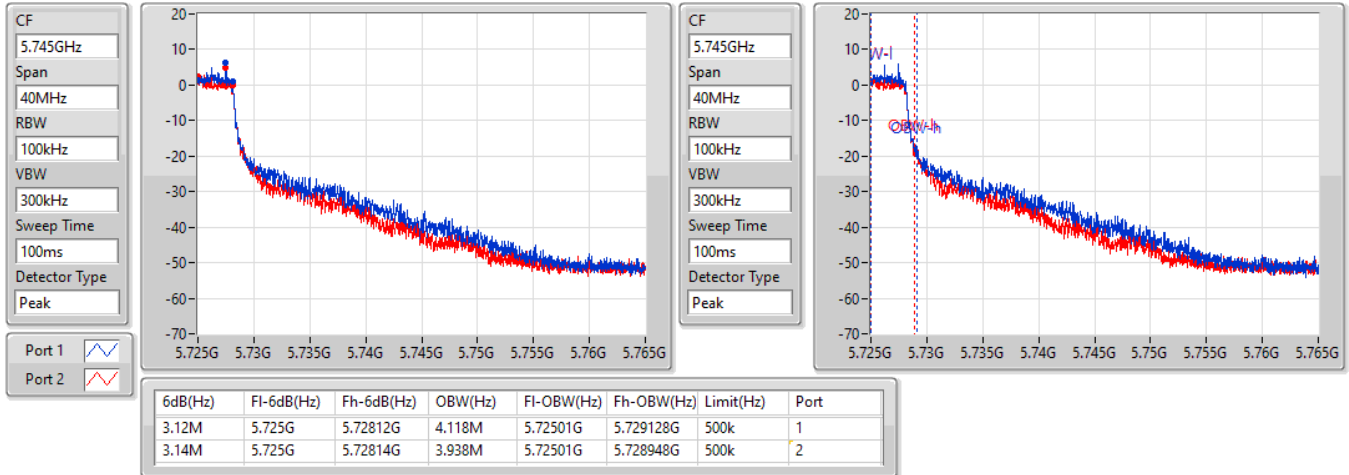


802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

30/04/2022

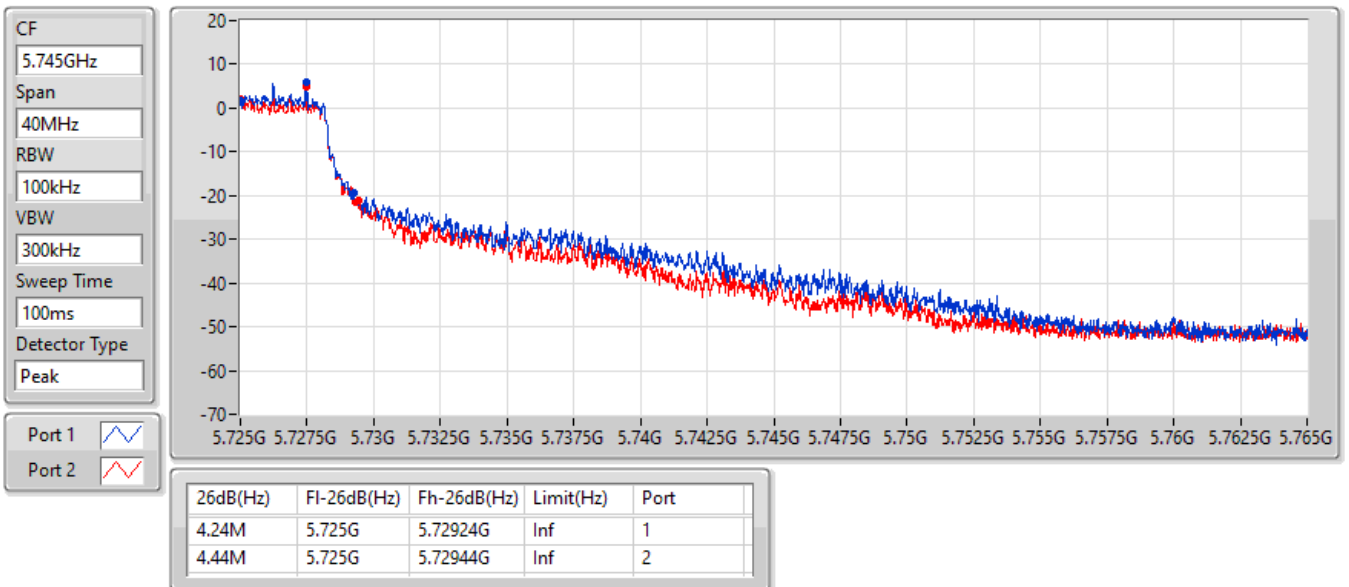


802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

30/04/2022

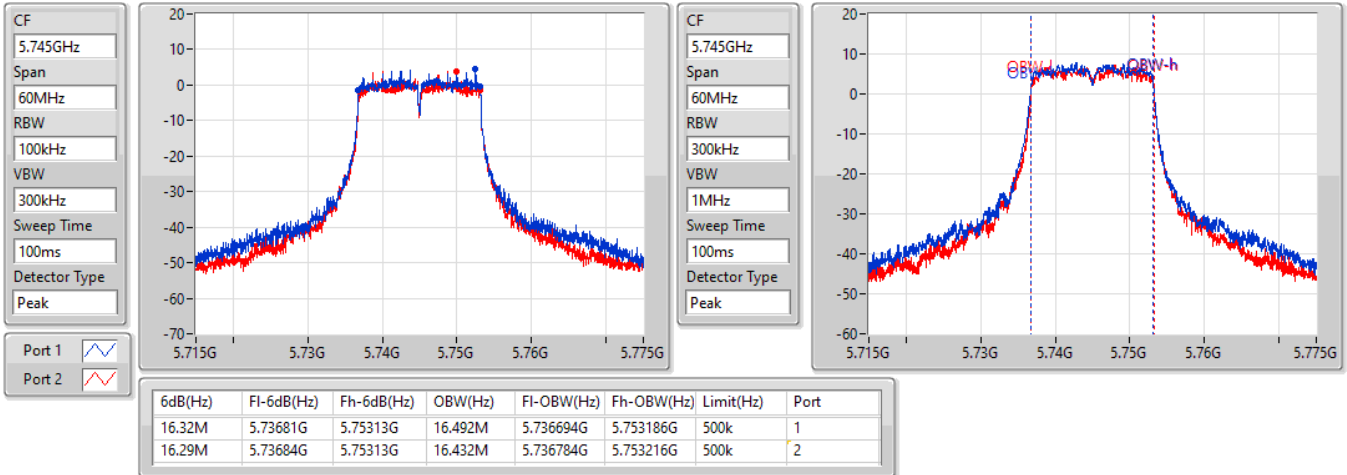


802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

30/04/2022

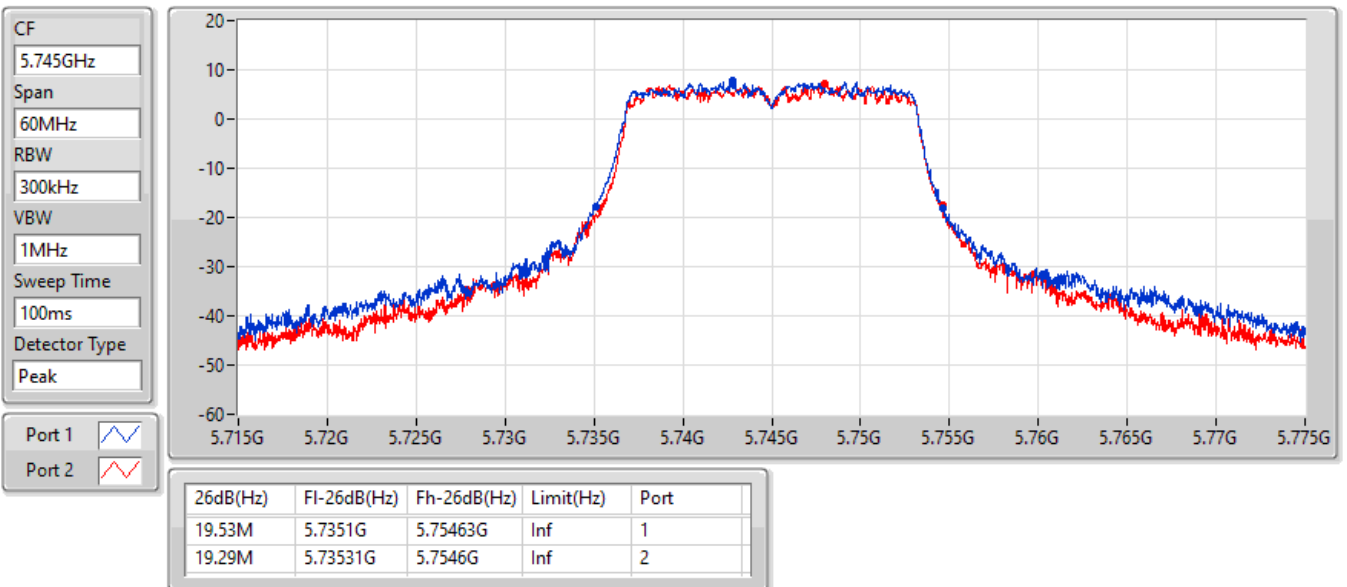


802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

30/04/2022

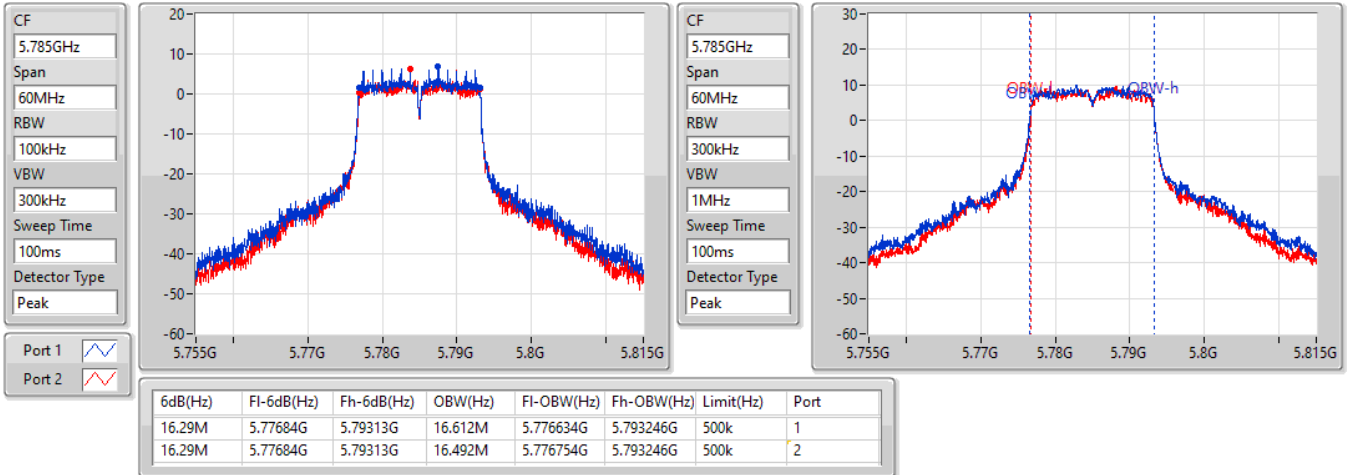


802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

30/04/2022

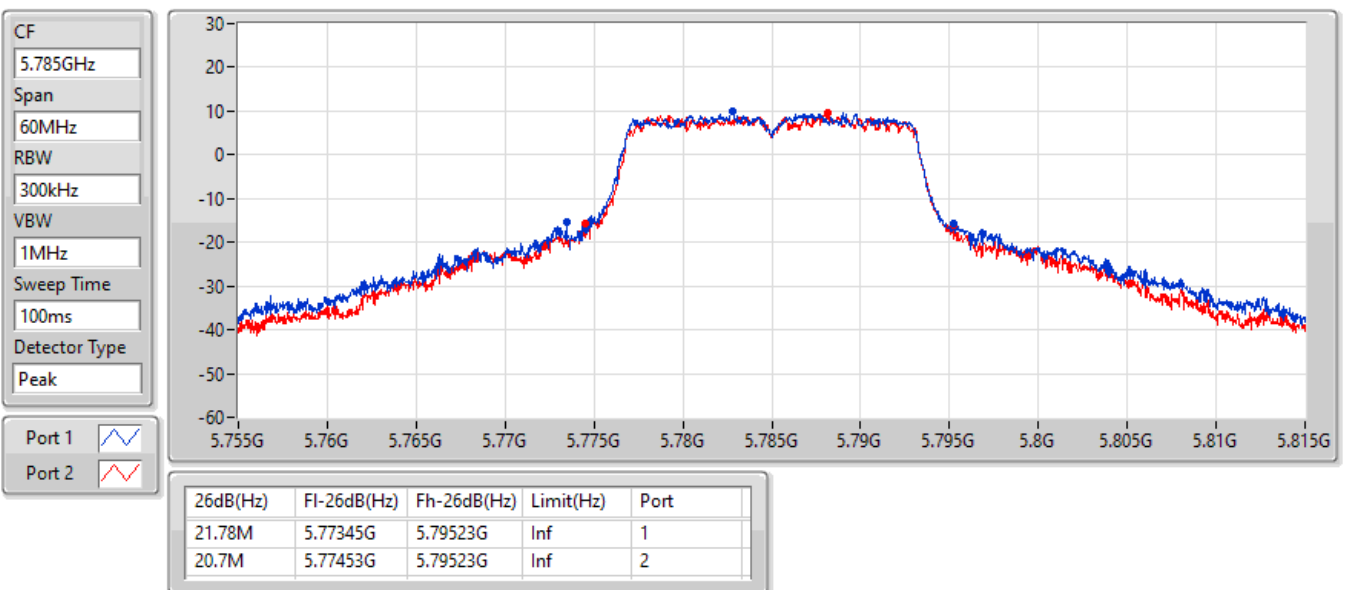


802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

30/04/2022

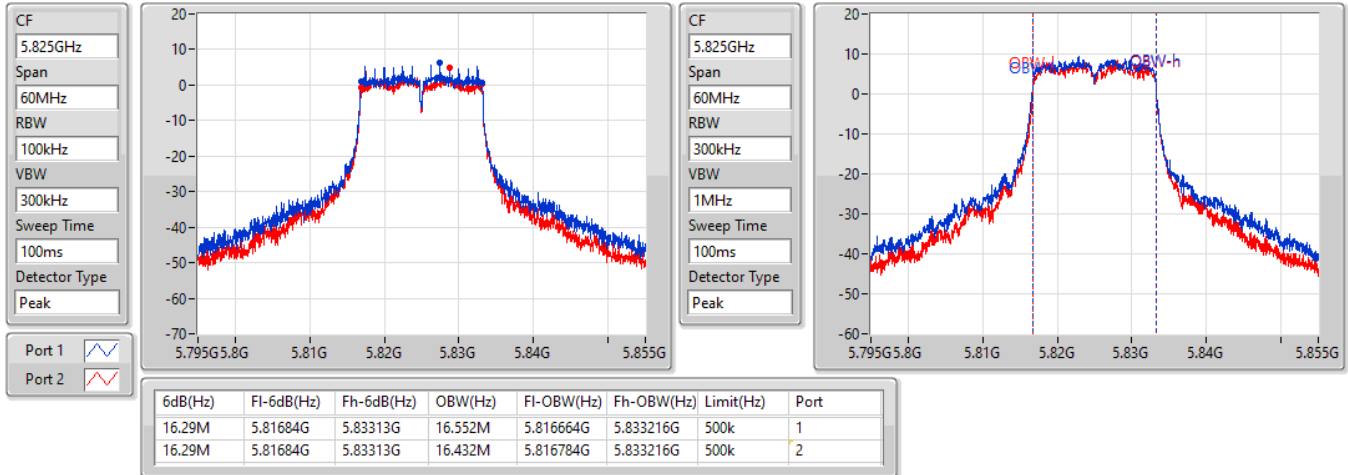


802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

30/04/2022

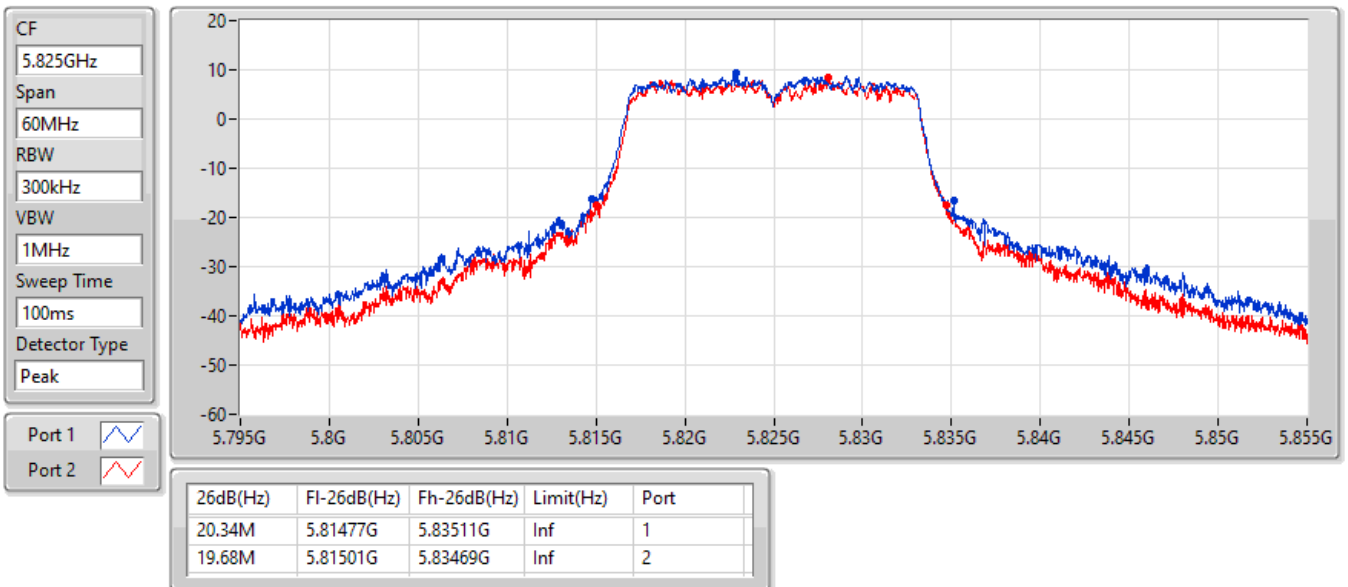


802.11a_Nss1,(6Mbps)_2TX

EBW

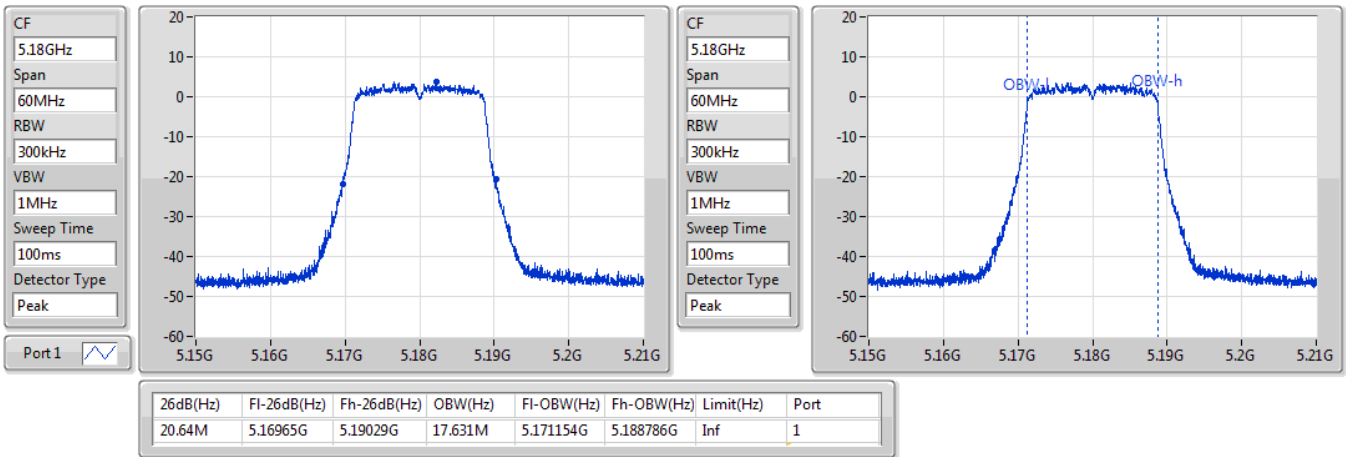
5825MHz

30/04/2022

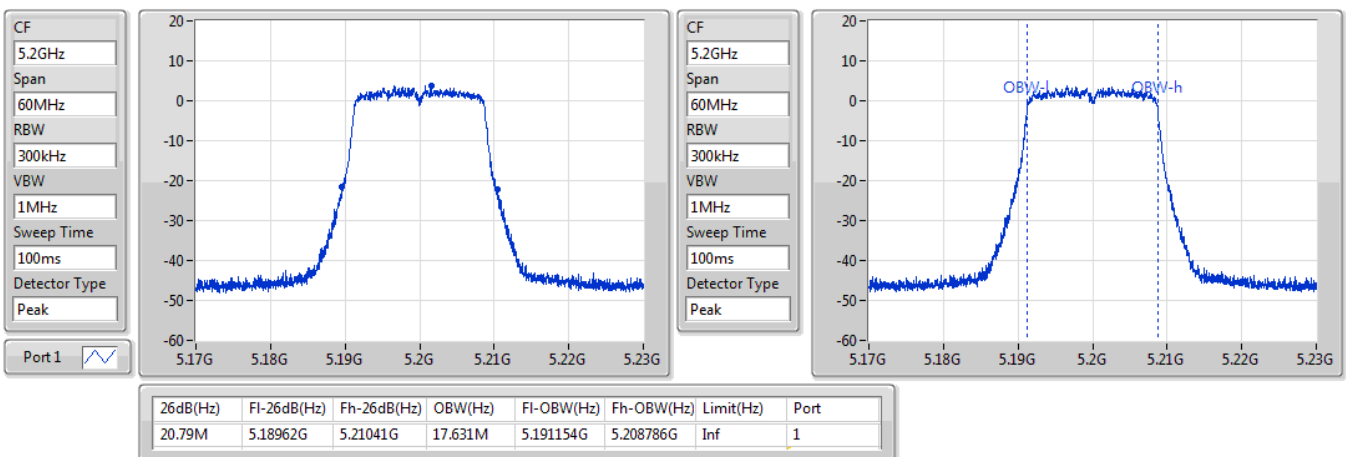


802.11n HT20_Nss1,(MCS0)_1TX(Port1)
EBW
5180MHz

21/07/2022


802.11n HT20_Nss1,(MCS0)_1TX(Port1)
EBW
5200MHz

21/07/2022

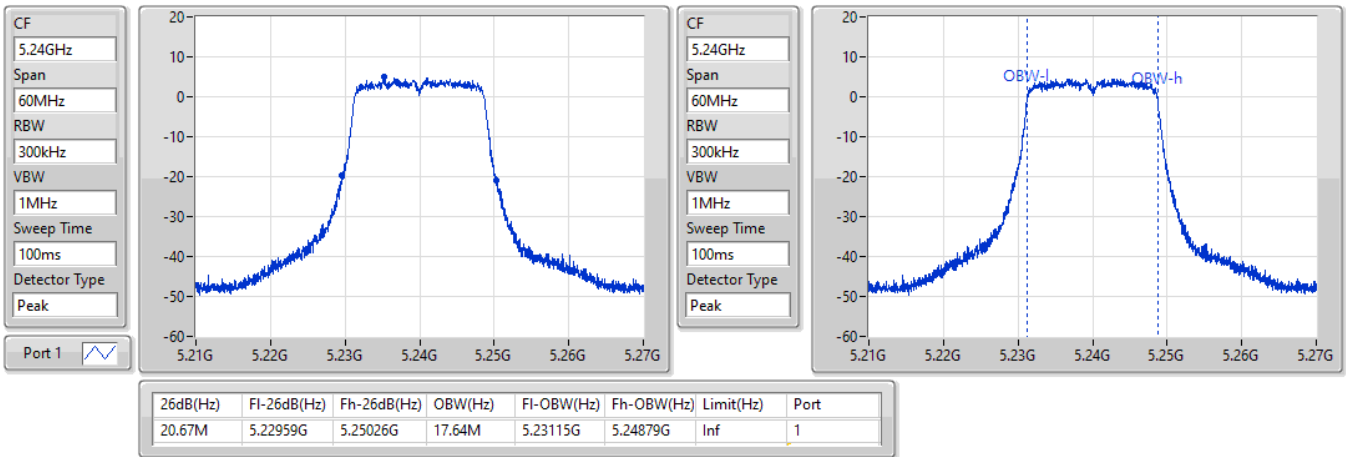


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

EBW

5240MHz

09/05/2022

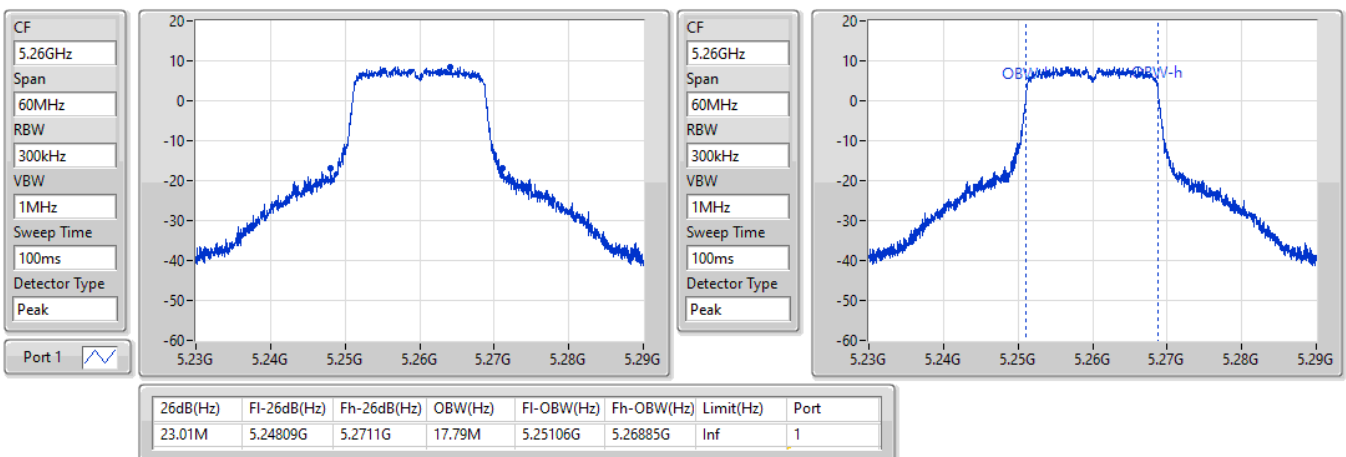


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

EBW

5260MHz

09/05/2022

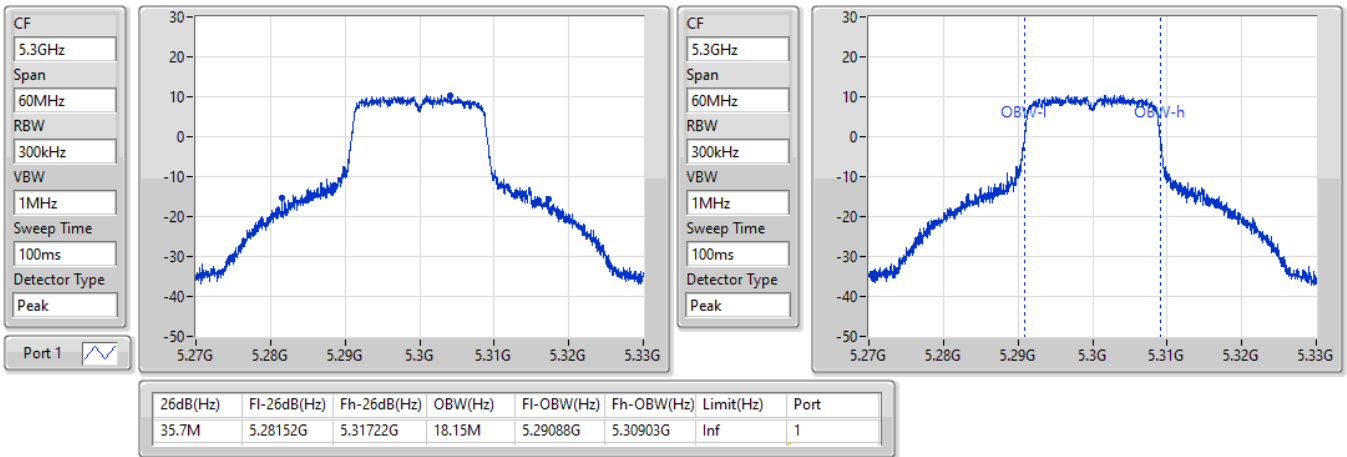


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

EBW

5300MHz

09/05/2022

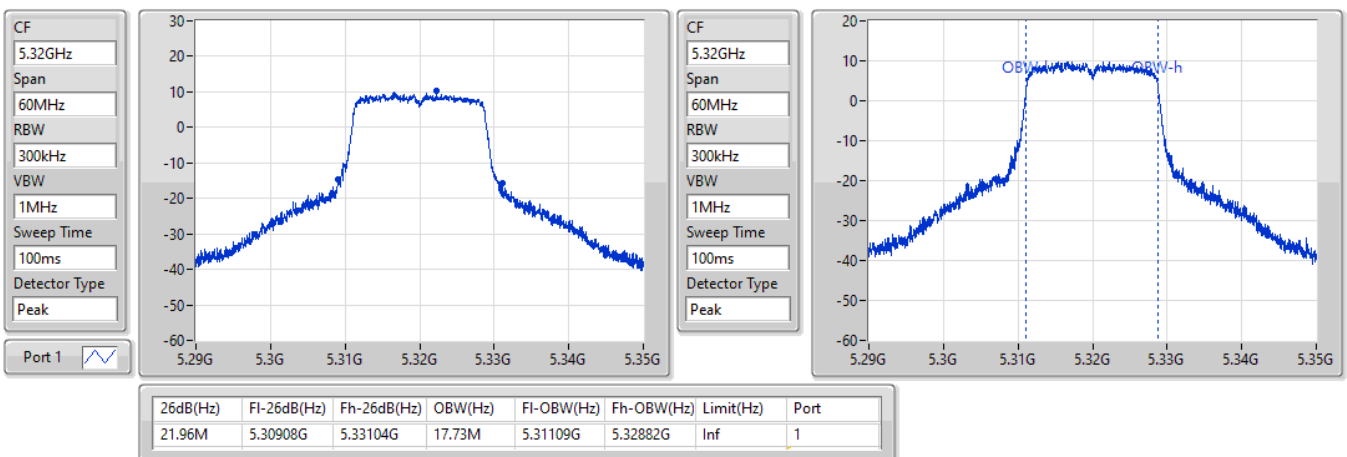


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

EBW

5320MHz

09/05/2022

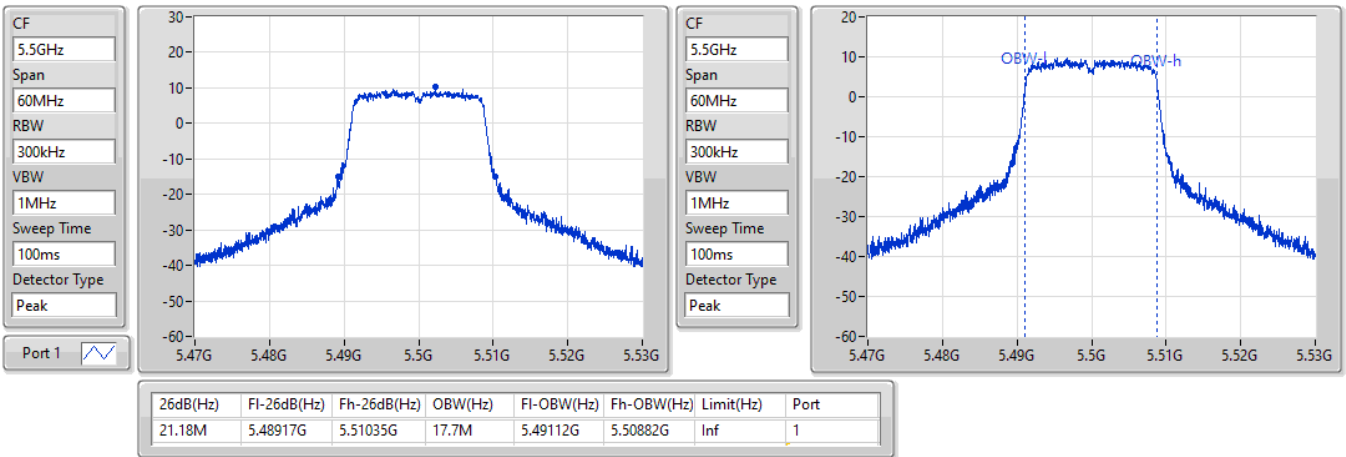


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

EBW

5500MHz

09/05/2022

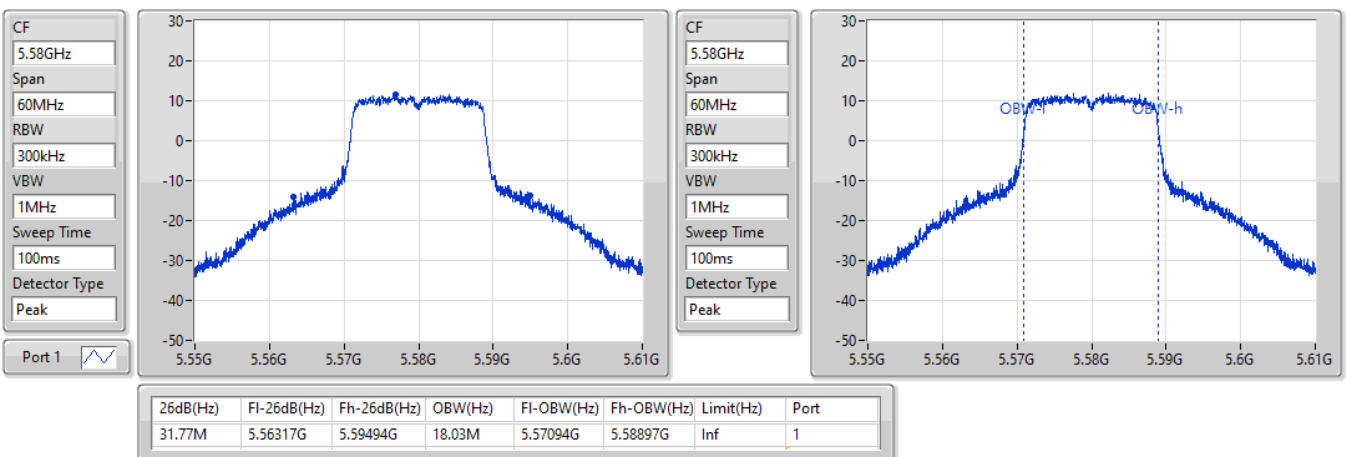


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

EBW

5580MHz

09/05/2022

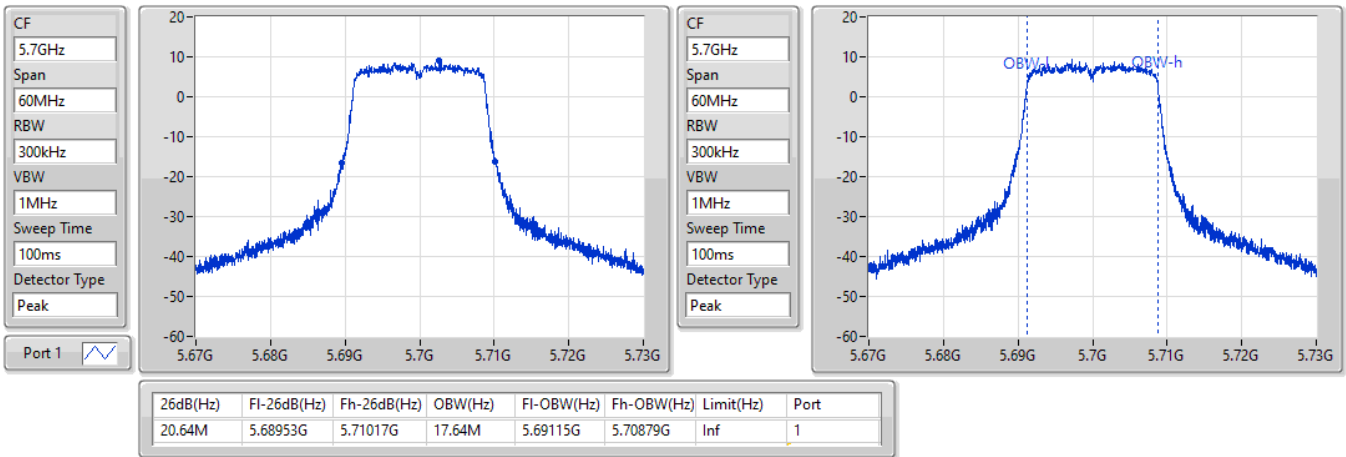


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

EBW

5700MHz

09/05/2022

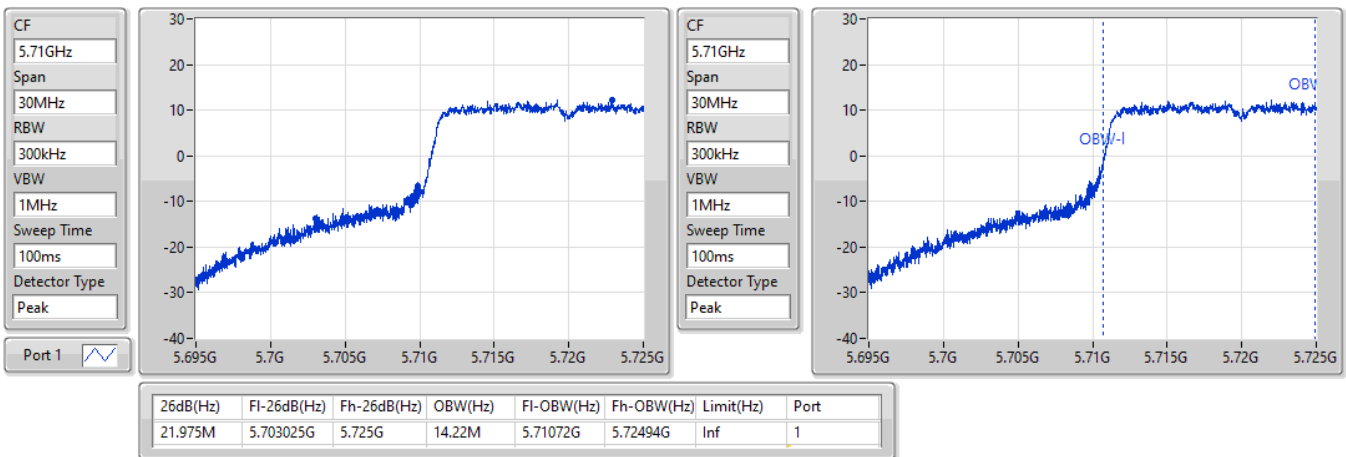


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

EBW

5720MHz Straddle 5.47-5.725GHz

09/05/2022

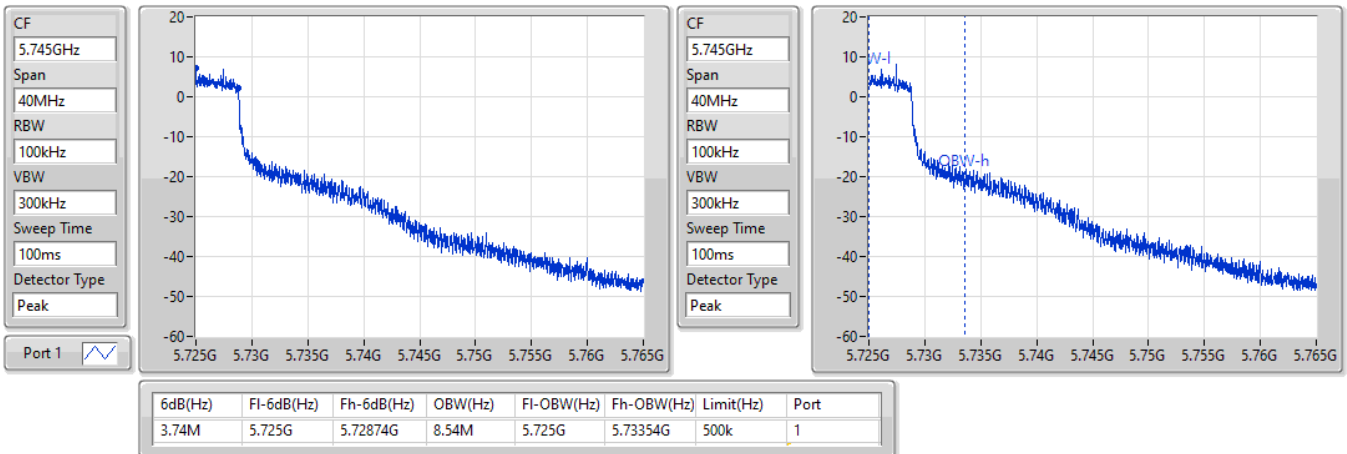


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

EBW

5720MHz Straddle 5.725-5.85GHz

09/05/2022

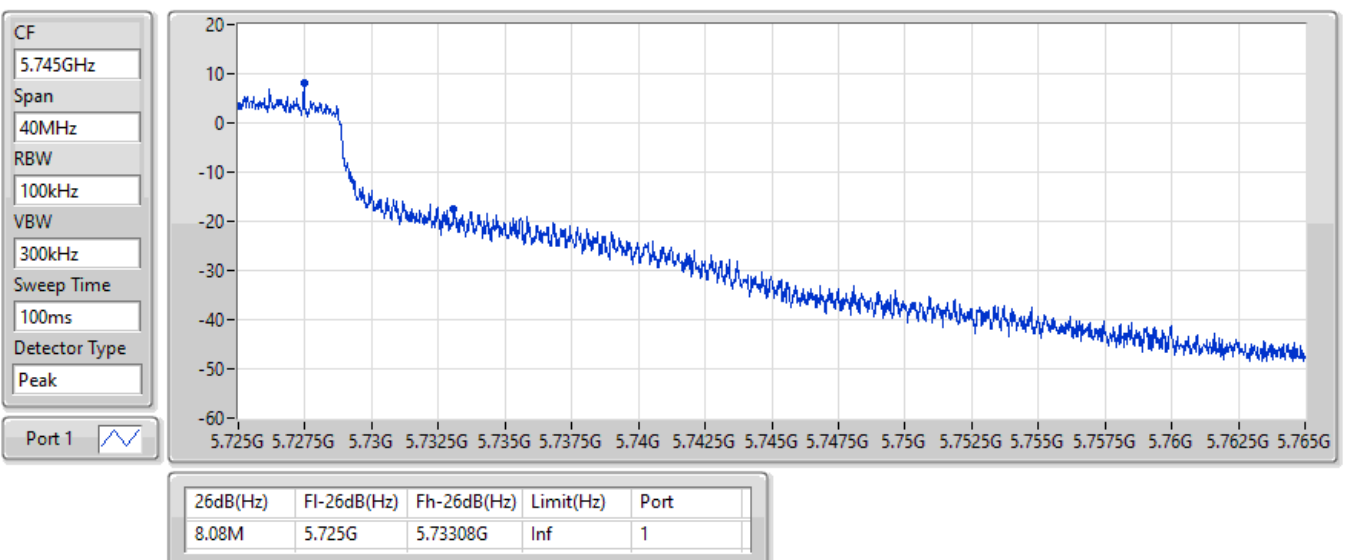


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

EBW

5720MHz Straddle 5.725-5.85GHz

09/05/2022

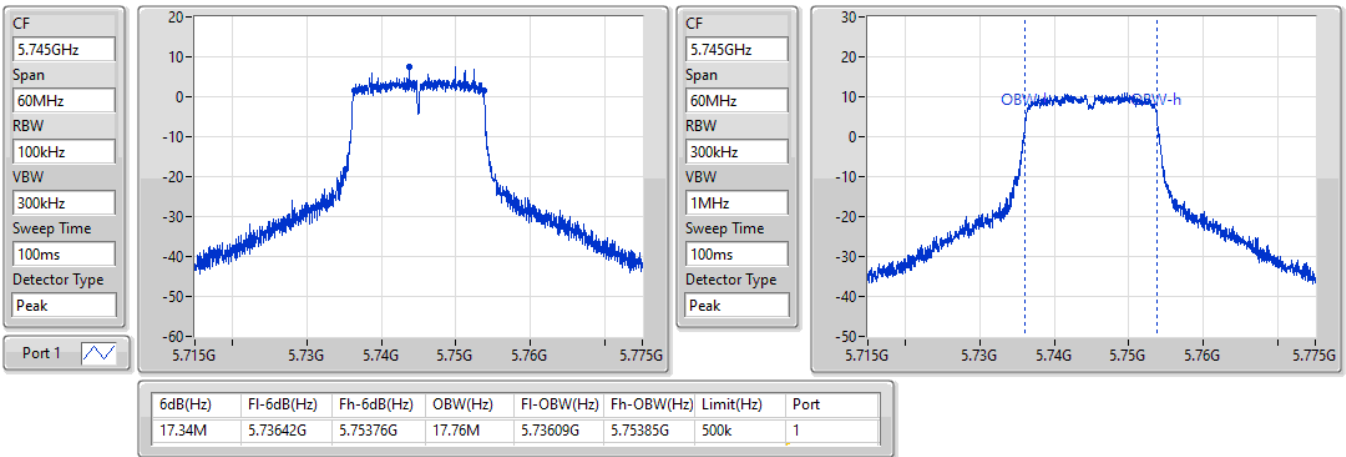


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

EBW

5745MHz

09/05/2022

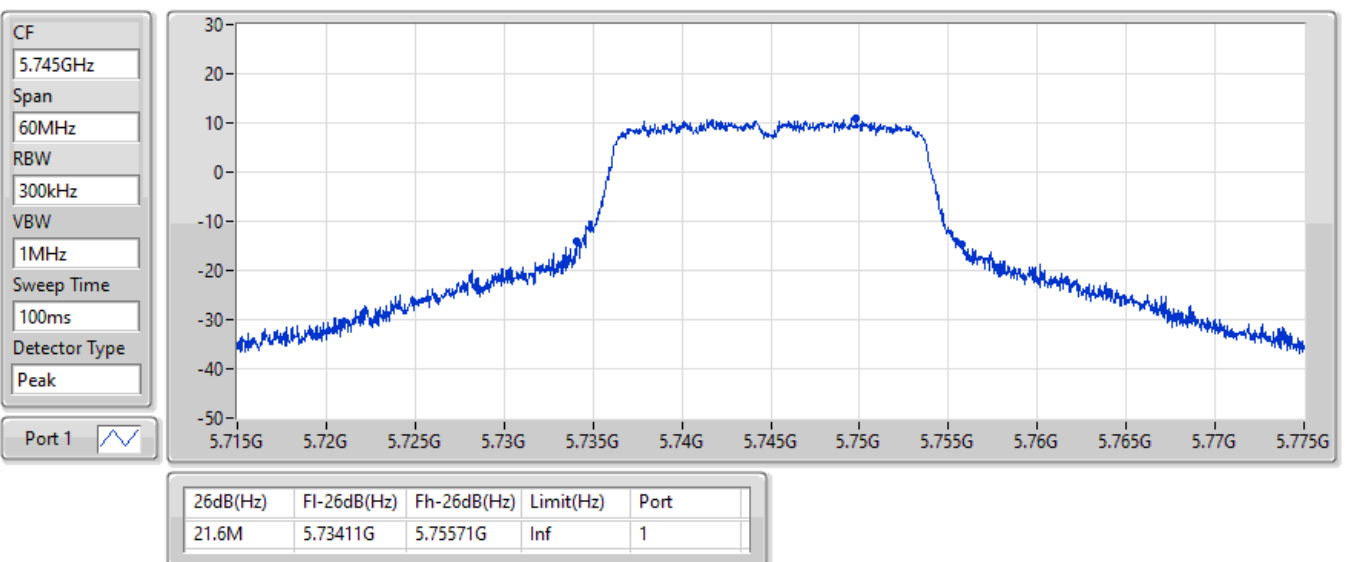


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

EBW

5745MHz

09/05/2022

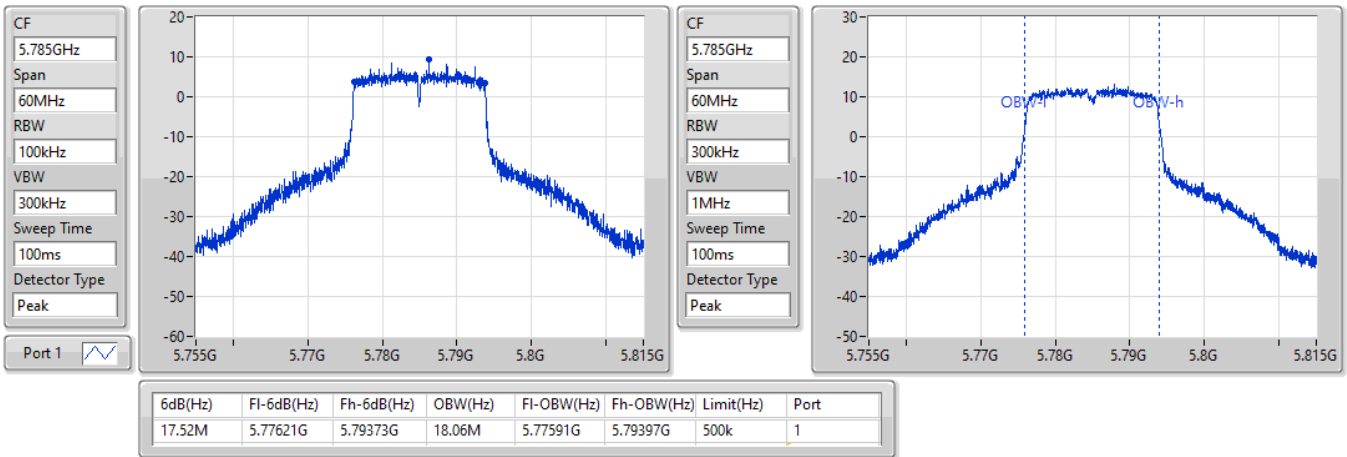


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

EBW

5785MHz

09/05/2022

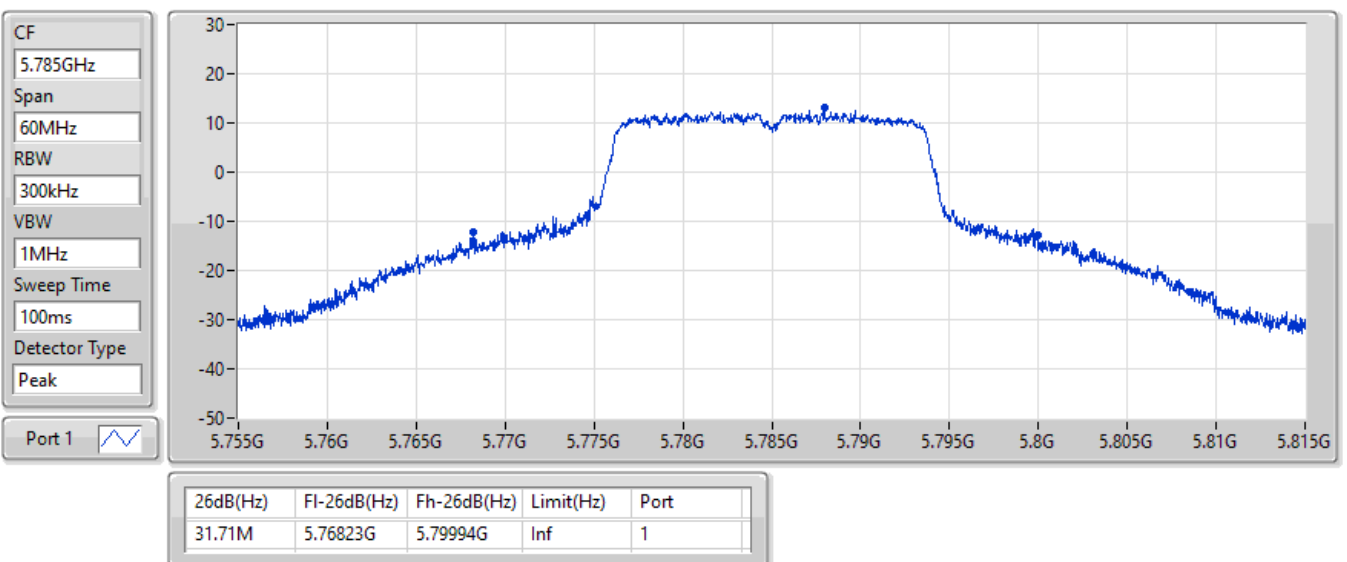


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

EBW

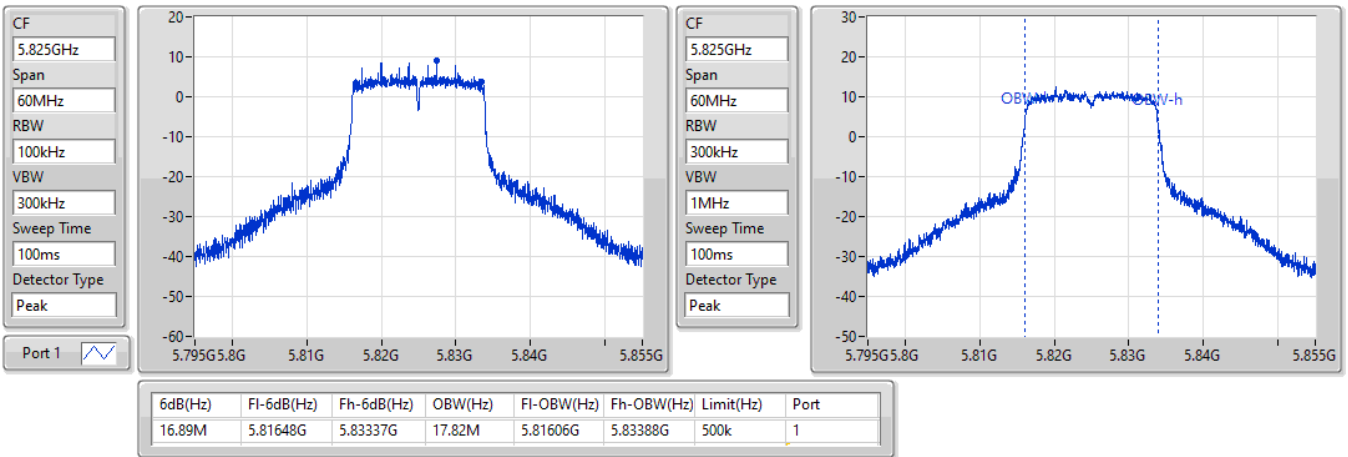
5785MHz

09/05/2022

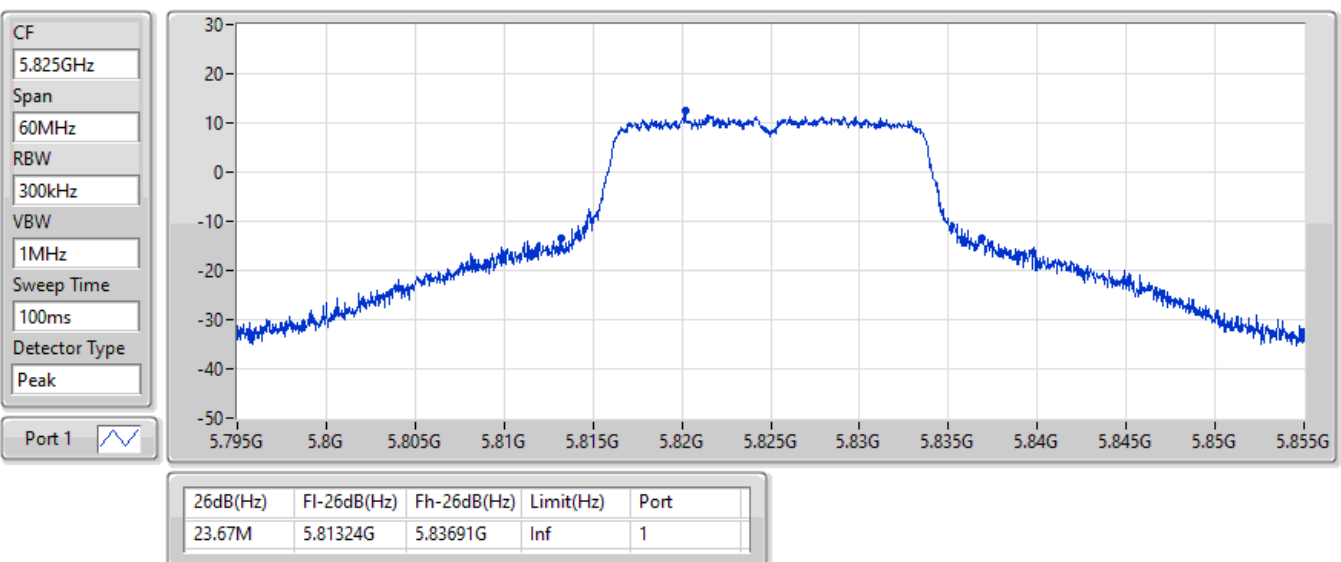


802.11n HT20_Nss1,(MCS0)_1TX(Port1)
EBW
5825MHz

09/05/2022

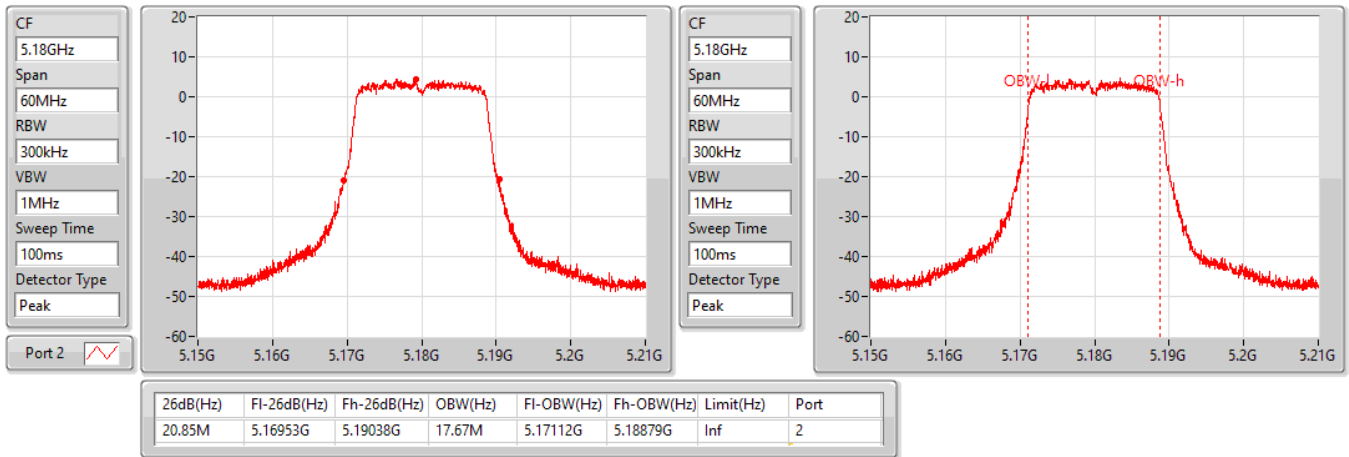

802.11n HT20_Nss1,(MCS0)_1TX(Port1)
EBW
5825MHz

09/05/2022

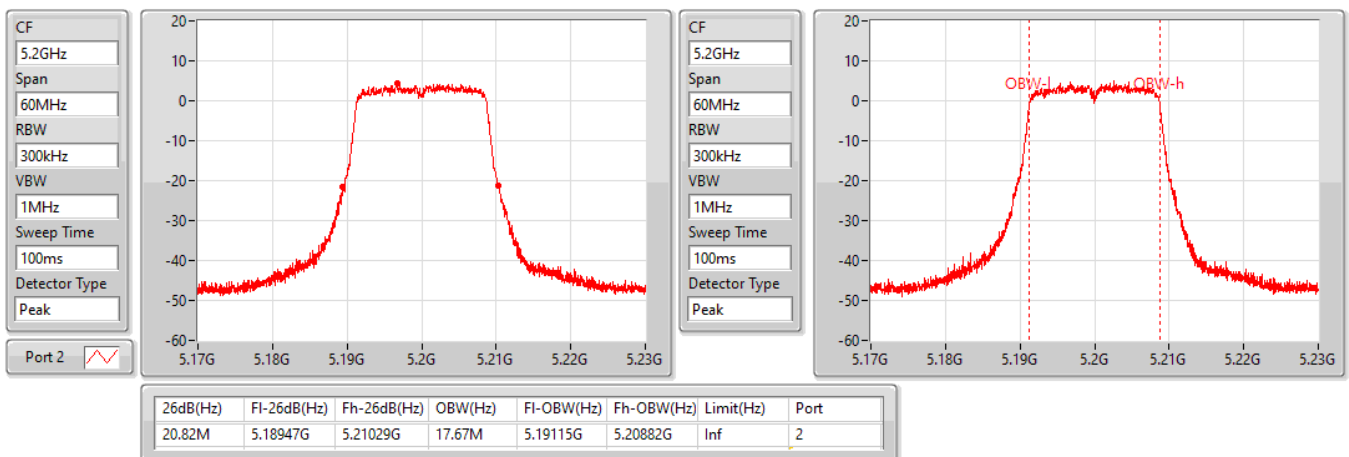


802.11n HT20_Nss1,(MCS0)_1TX(Port2)
EBW
5180MHz

09/05/2022

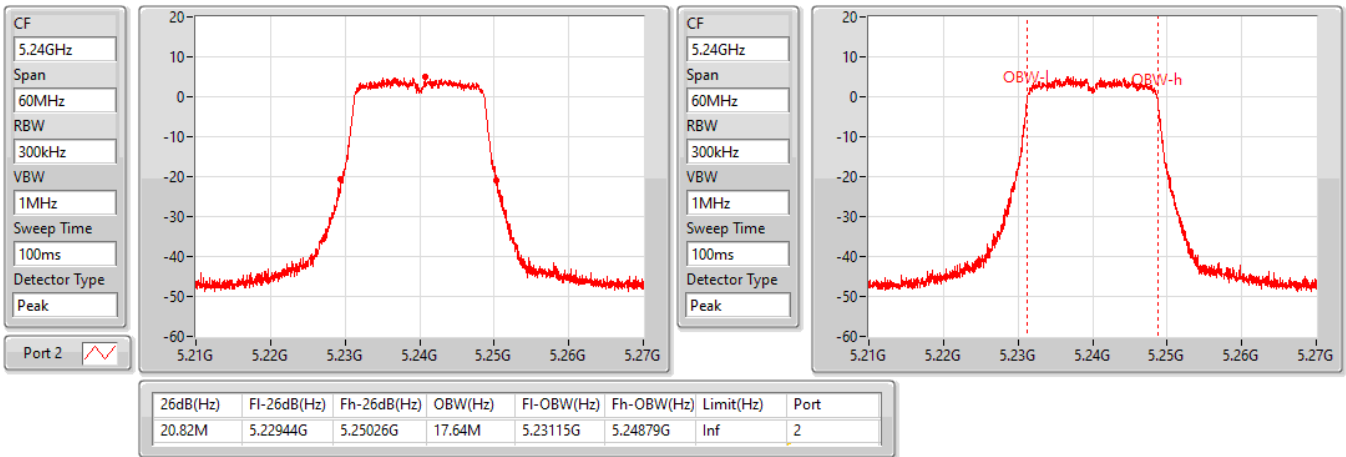

802.11n HT20_Nss1,(MCS0)_1TX(Port2)
EBW
5200MHz

09/05/2022

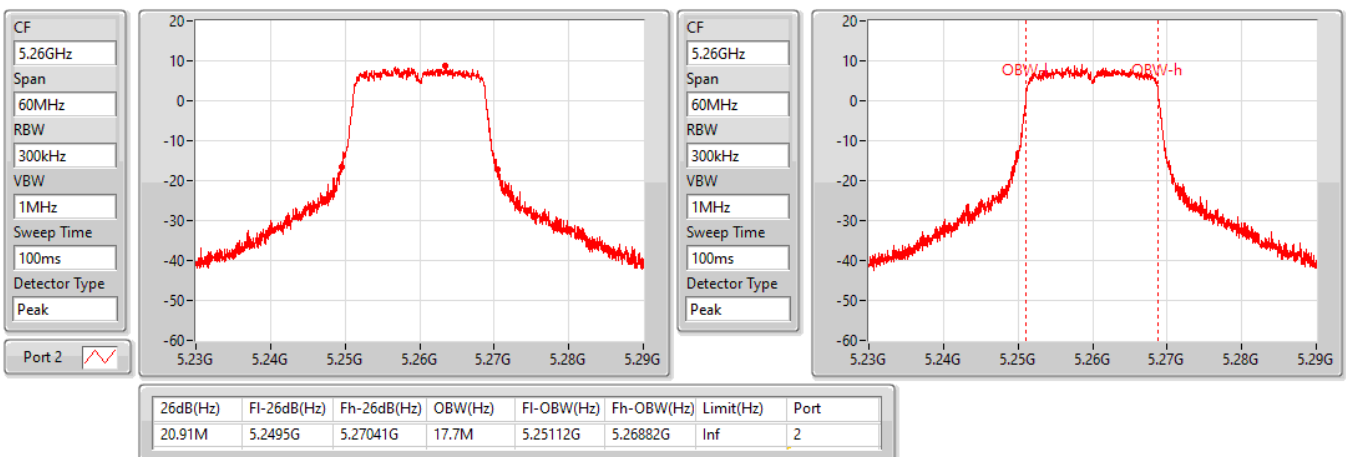


802.11n HT20_Nss1,(MCS0)_1TX(Port2)
EBW
5240MHz

09/05/2022

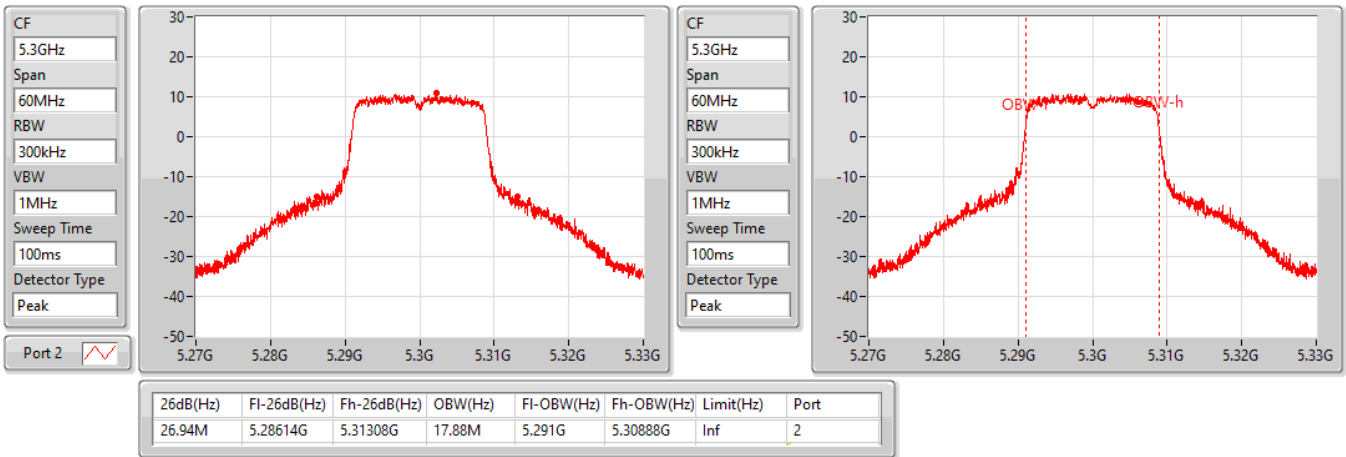

802.11n HT20_Nss1,(MCS0)_1TX(Port2)
EBW
5260MHz

09/05/2022

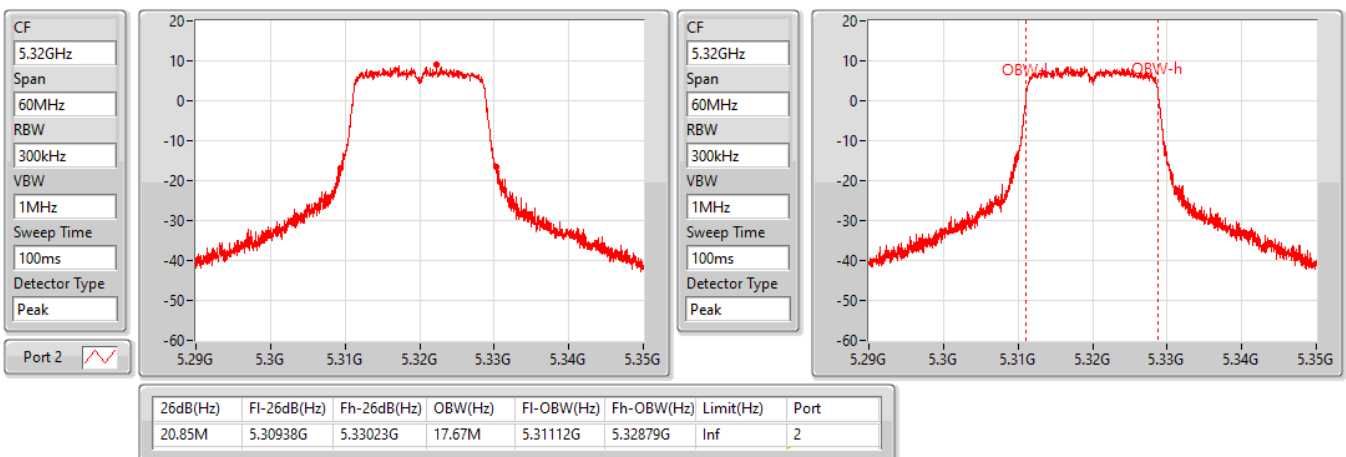


802.11n HT20_Nss1,(MCS0)_1TX(Port2)
EBW
5300MHz

09/05/2022

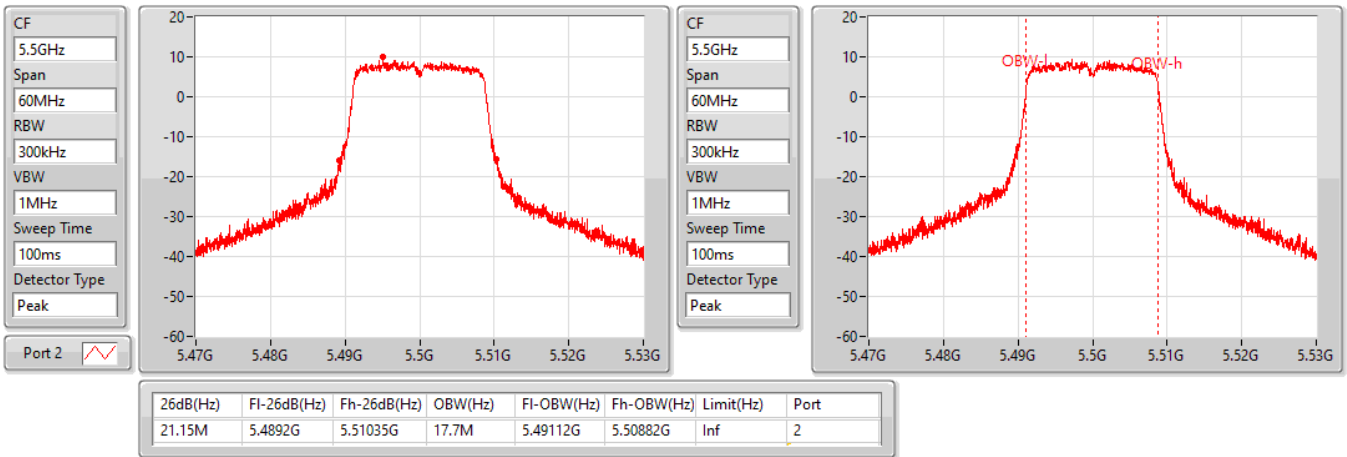

802.11n HT20_Nss1,(MCS0)_1TX(Port2)
EBW
5320MHz

09/05/2022

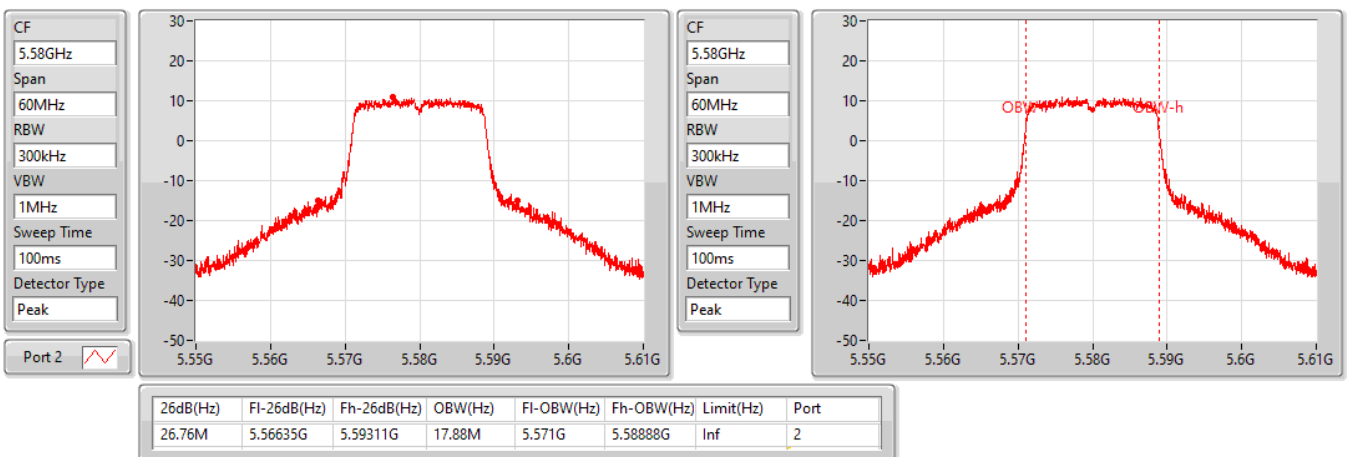


802.11n HT20_Nss1,(MCS0)_1TX(Port2)
EBW
5500MHz

09/05/2022

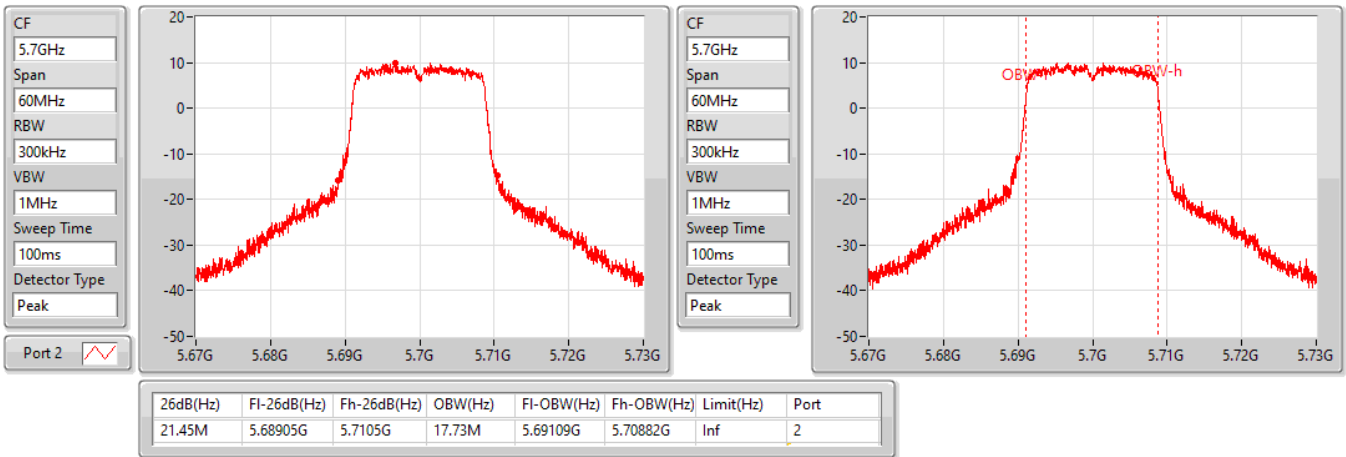

802.11n HT20_Nss1,(MCS0)_1TX(Port2)
EBW
5580MHz

09/05/2022

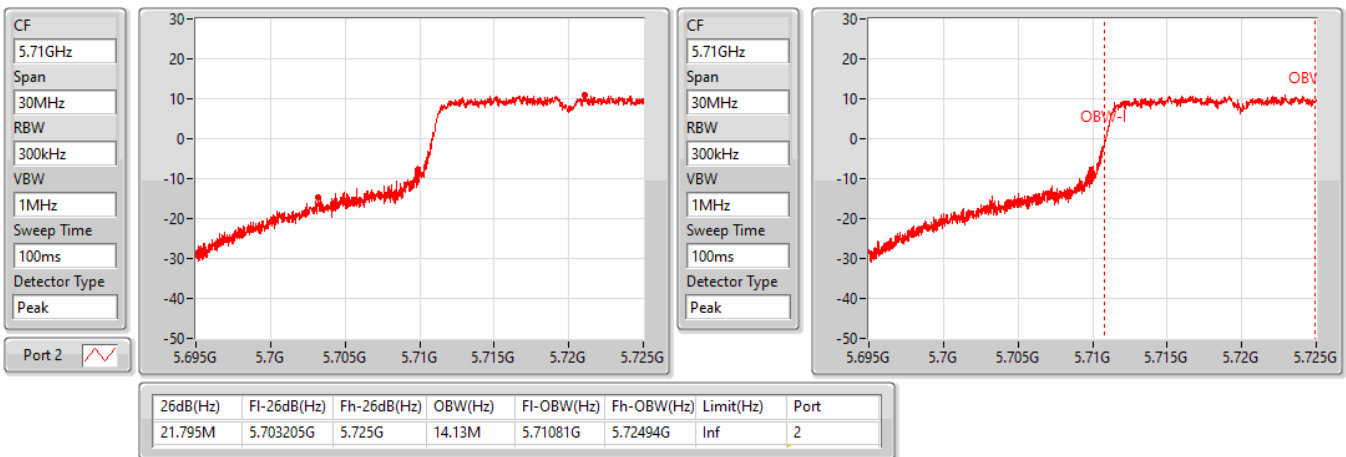


802.11n HT20_Nss1,(MCS0)_1TX(Port2)
EBW
5700MHz

09/05/2022

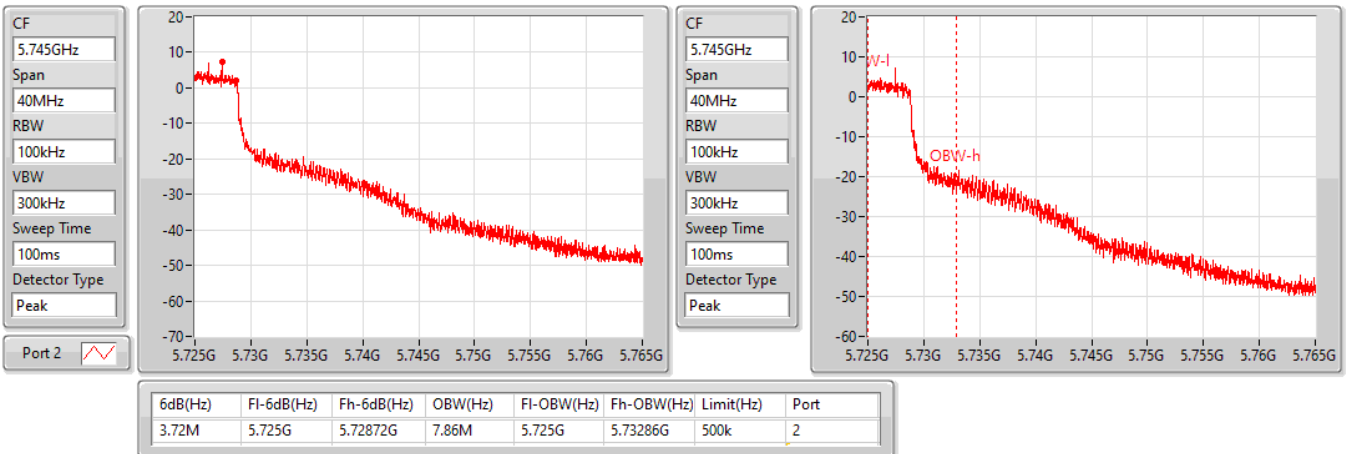

802.11n HT20_Nss1,(MCS0)_1TX(Port2)
EBW
5720MHz Straddle 5.47-5.725GHz

09/05/2022

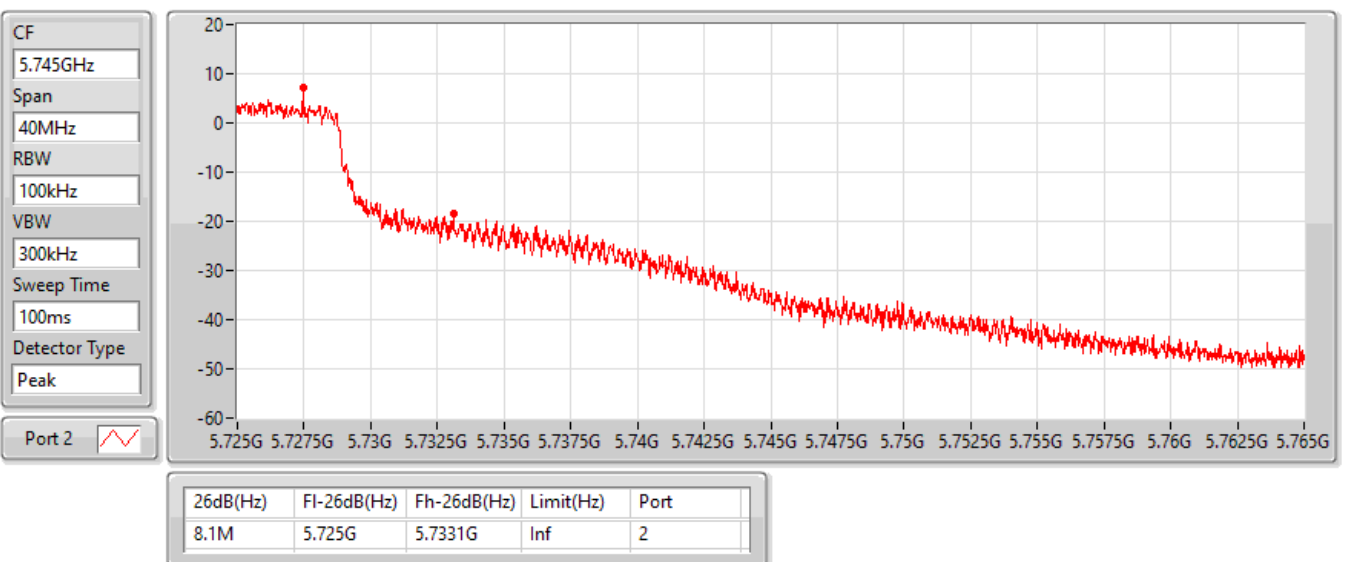


802.11n HT20_Nss1,(MCS0)_1TX(Port2)
EBW
5720MHz Straddle 5.725-5.85GHz

09/05/2022


802.11n HT20_Nss1,(MCS0)_1TX(Port2)
EBW
5720MHz Straddle 5.725-5.85GHz

09/05/2022

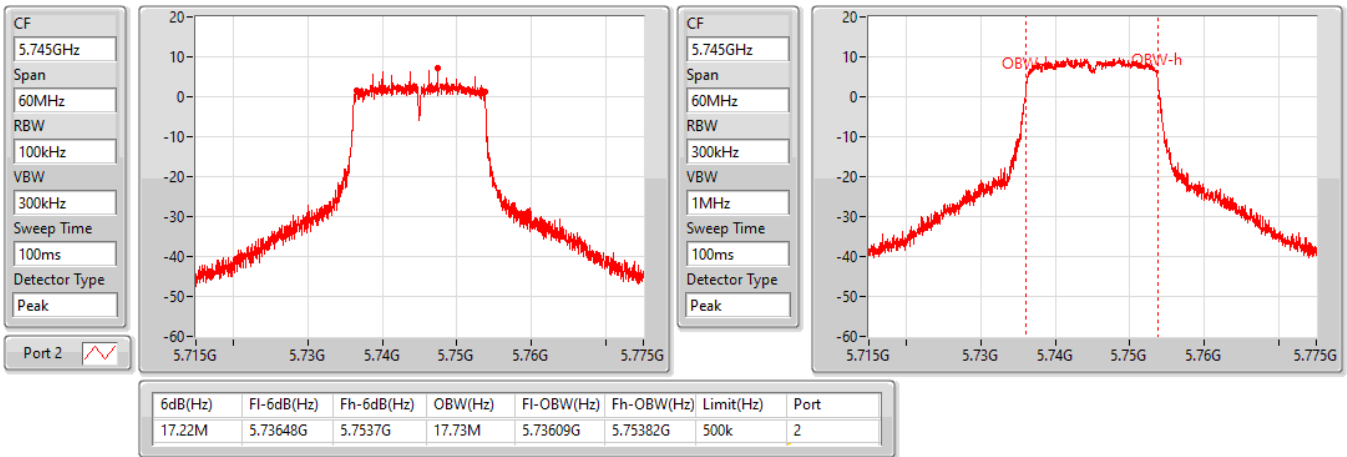


802.11n HT20_Nss1,(MCS0)_1TX(Port2)

EBW

5745MHz

09/05/2022

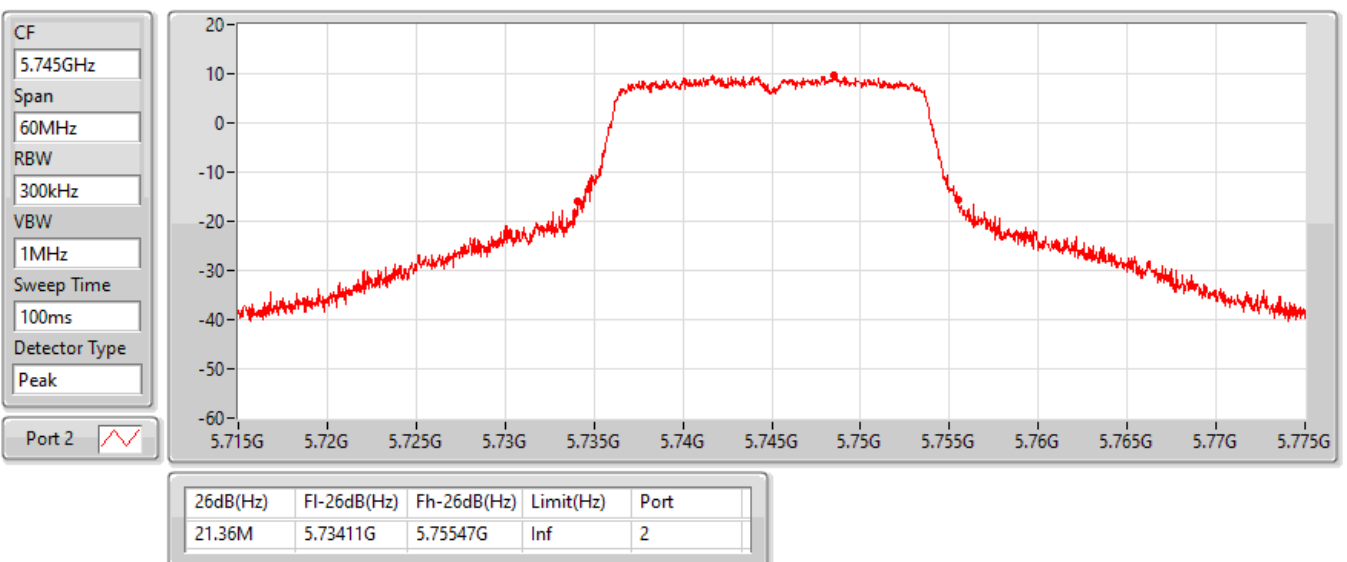


802.11n HT20_Nss1,(MCS0)_1TX(Port2)

EBW

5745MHz

09/05/2022

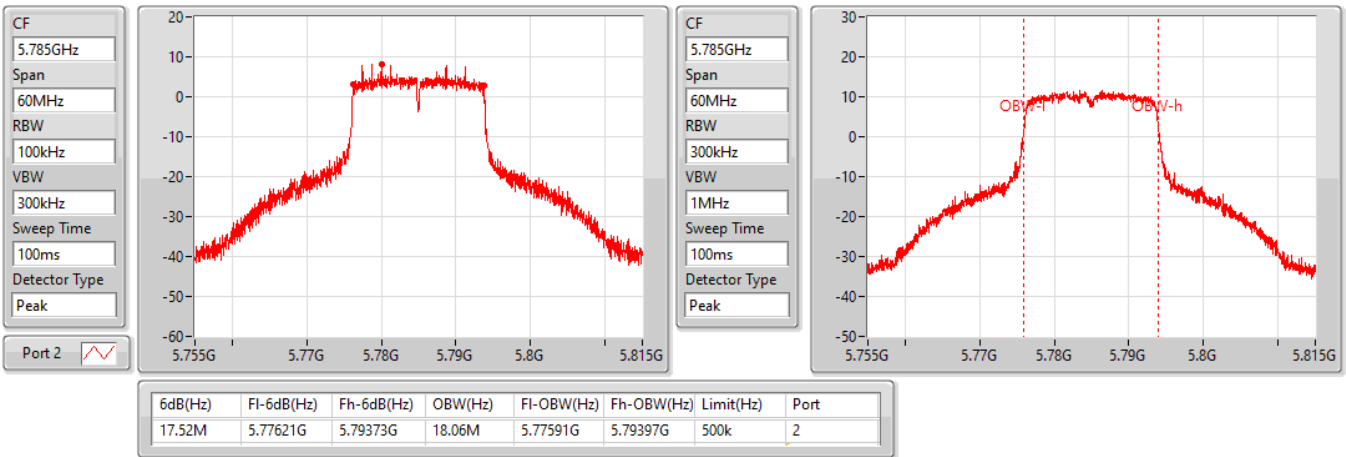


802.11n HT20_Nss1,(MCS0)_1TX(Port2)

EBW

5785MHz

09/05/2022

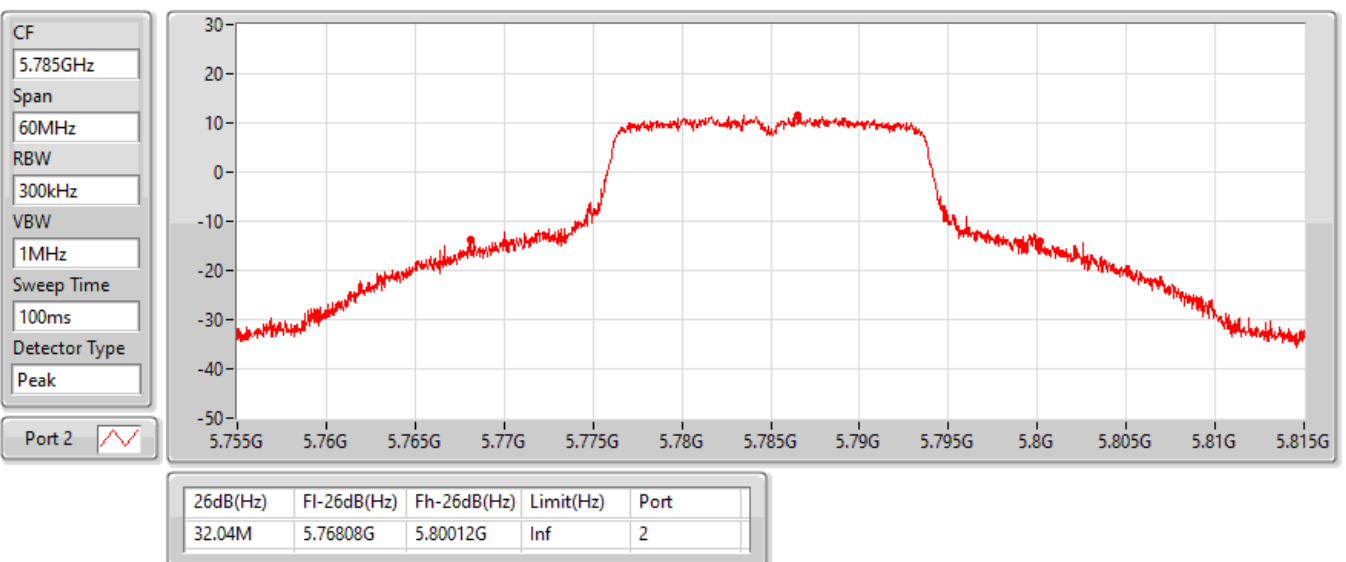


802.11n HT20_Nss1,(MCS0)_1TX(Port2)

EBW

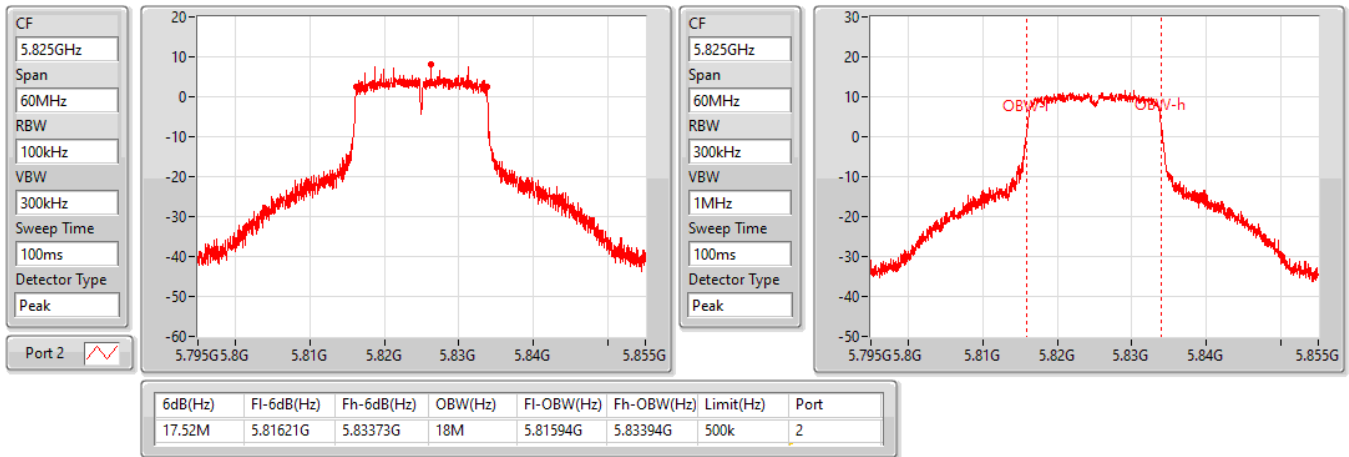
5785MHz

09/05/2022

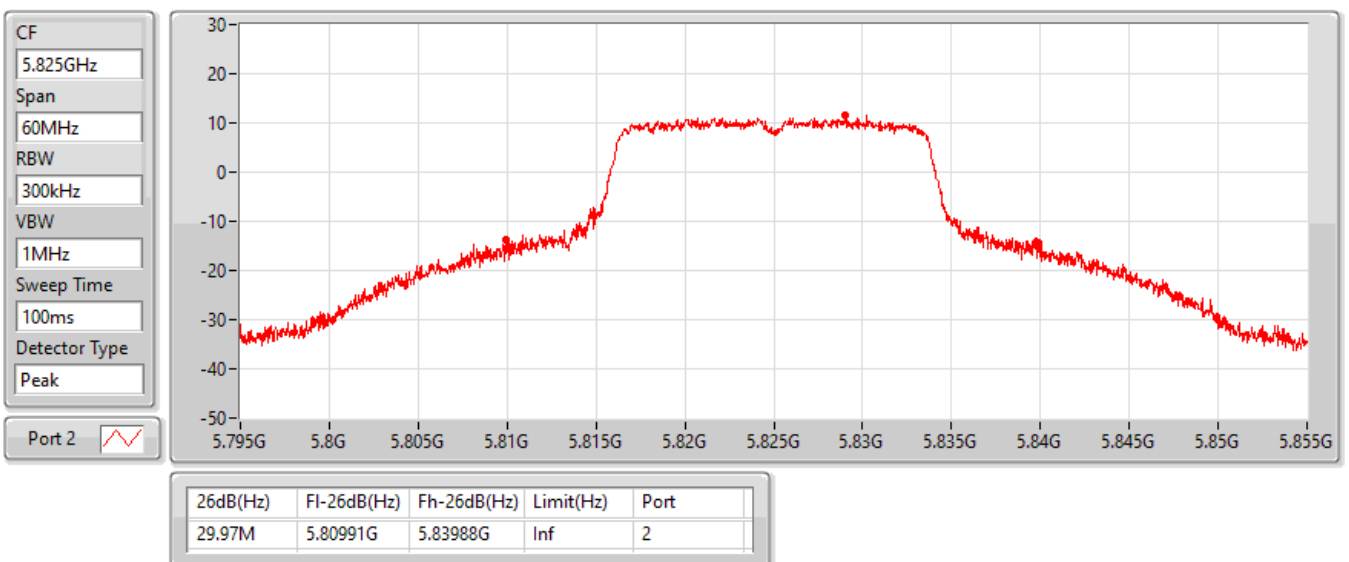


802.11n HT20_Nss1,(MCS0)_1TX(Port2)
EBW
5825MHz

09/05/2022


802.11n HT20_Nss1,(MCS0)_1TX(Port2)
EBW
5825MHz

09/05/2022

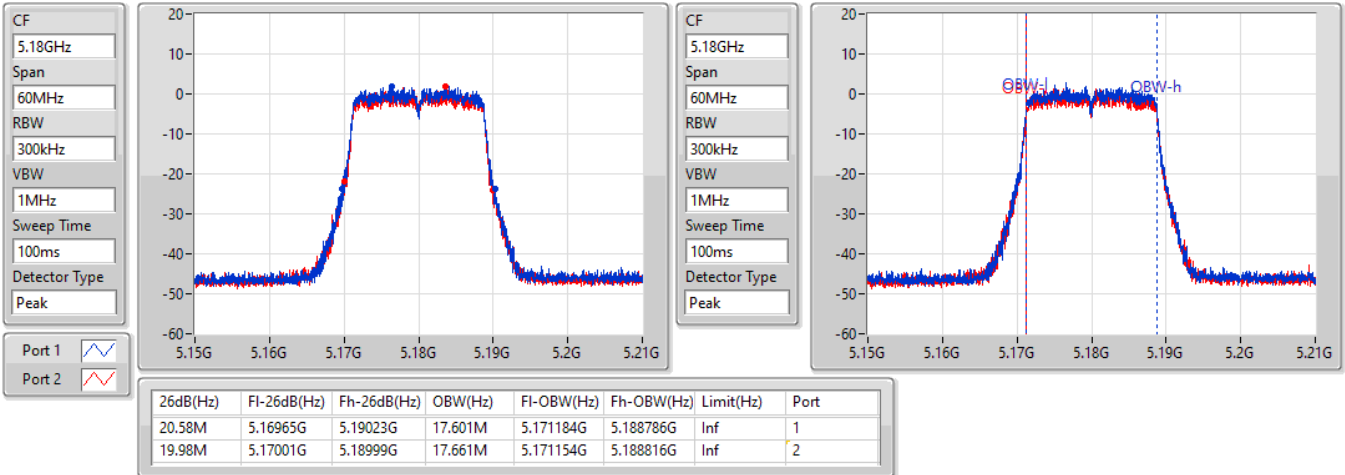


802.11n HT20_Nss1,(MCS0)_2TX

EBW

5180MHz

20/05/2022

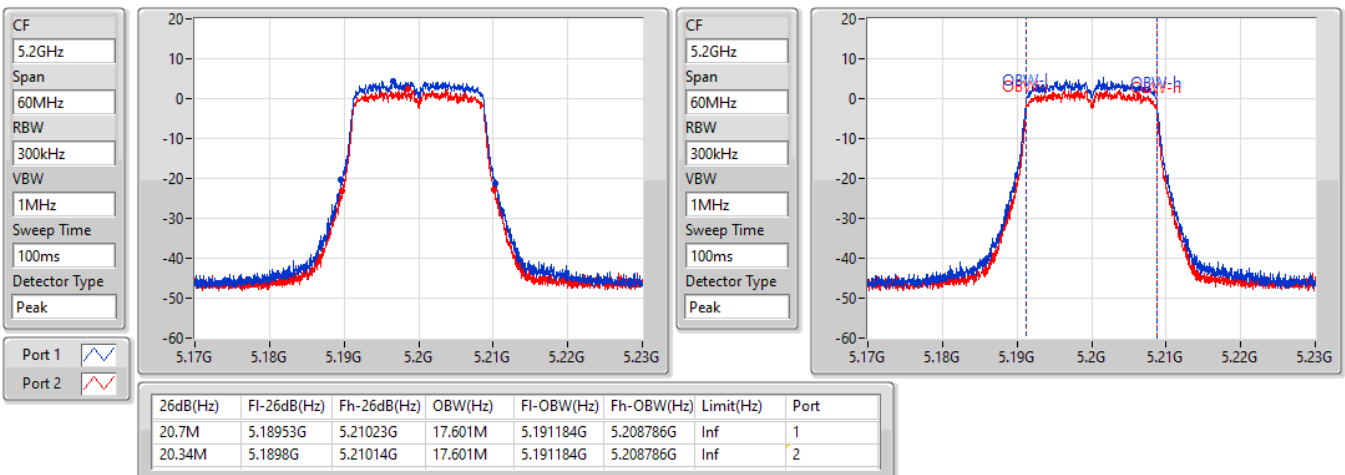


802.11n HT20_Nss1,(MCS0)_2TX

EBW

5200MHz

20/05/2022

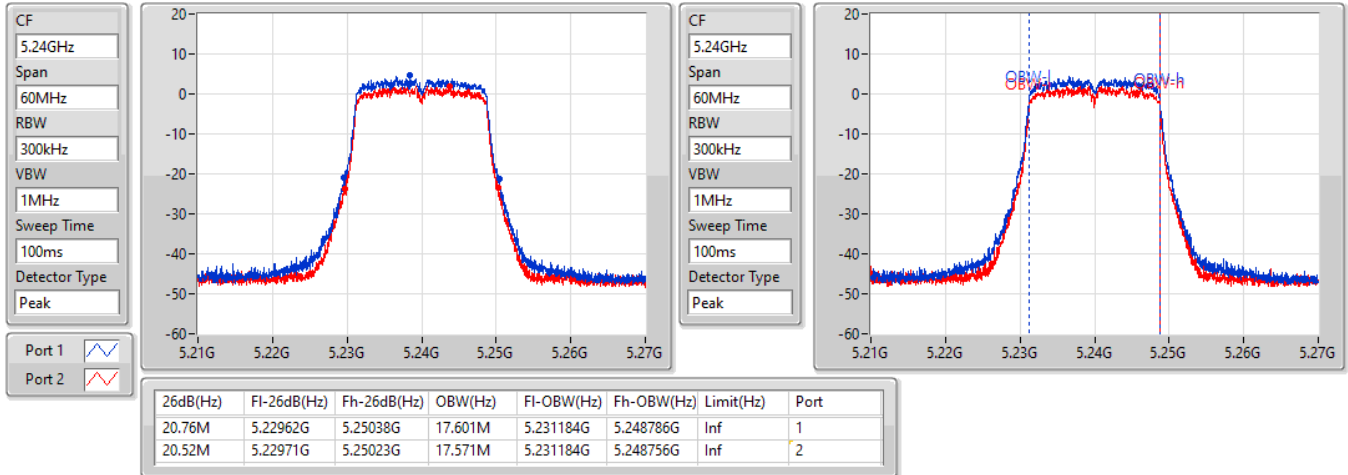


802.11n HT20_Nss1,(MCS0)_2TX

EBW

5240MHz

20/05/2022

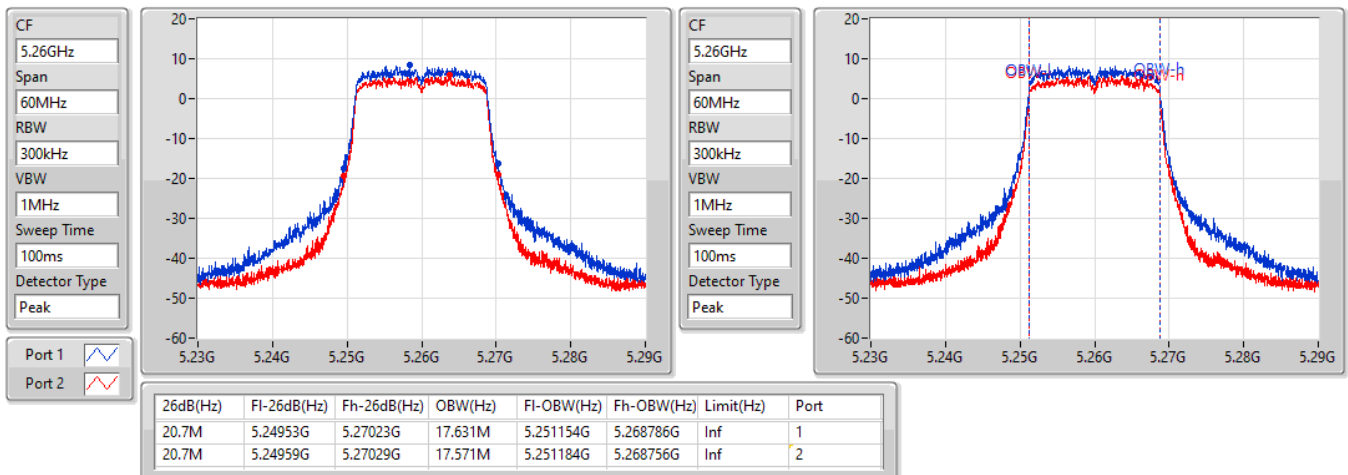


802.11n HT20_Nss1,(MCS0)_2TX

EBW

5260MHz

20/05/2022

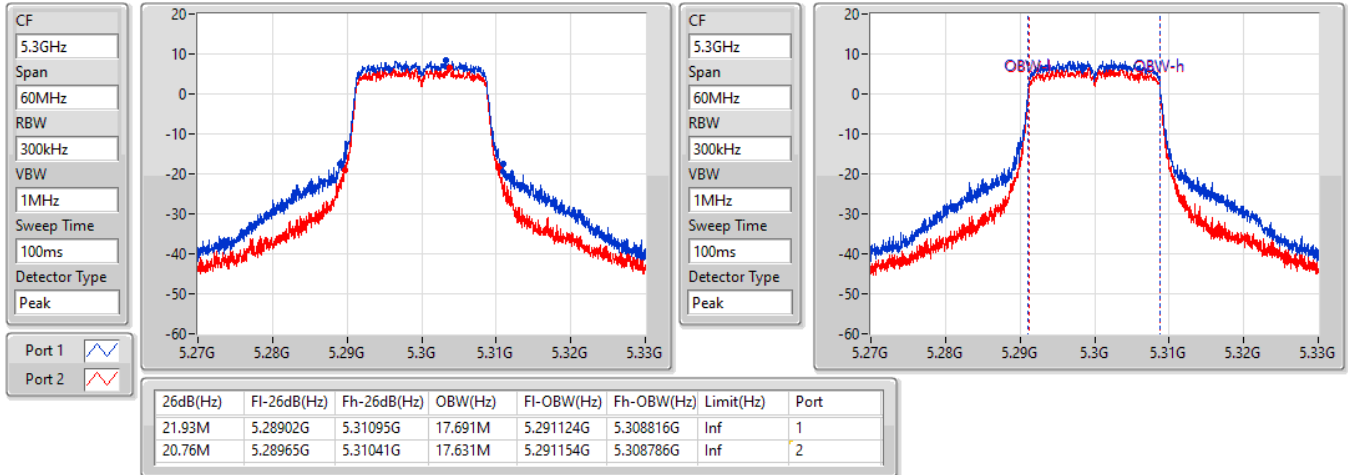


802.11n HT20_Nss1,(MCS0)_2TX

EBW

5300MHz

20/05/2022

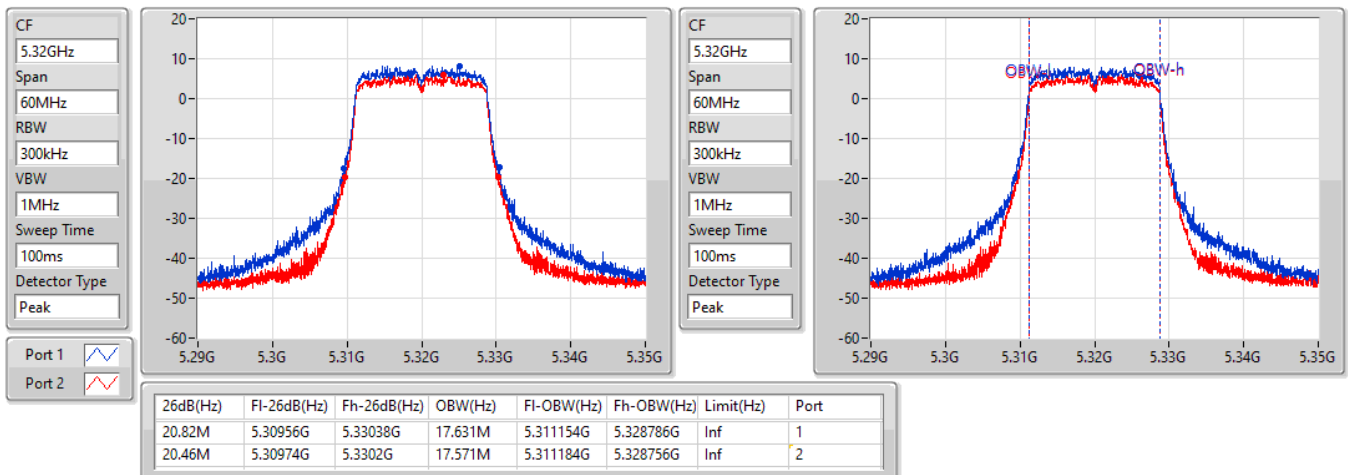


802.11n HT20_Nss1,(MCS0)_2TX

EBW

5320MHz

20/05/2022

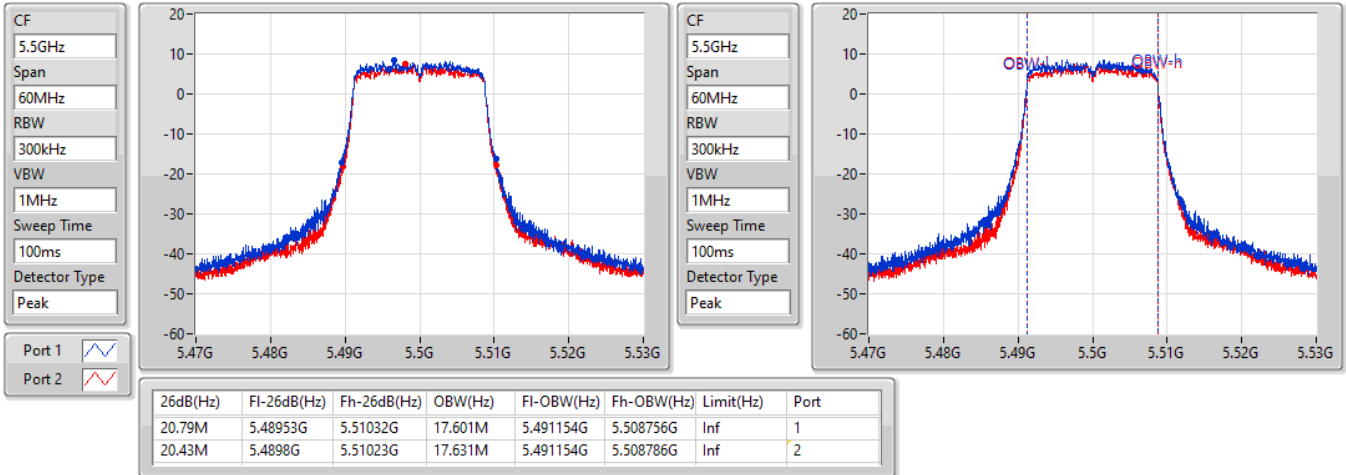


802.11n HT20_Nss1,(MCS0)_2TX

EBW

5500MHz

20/05/2022

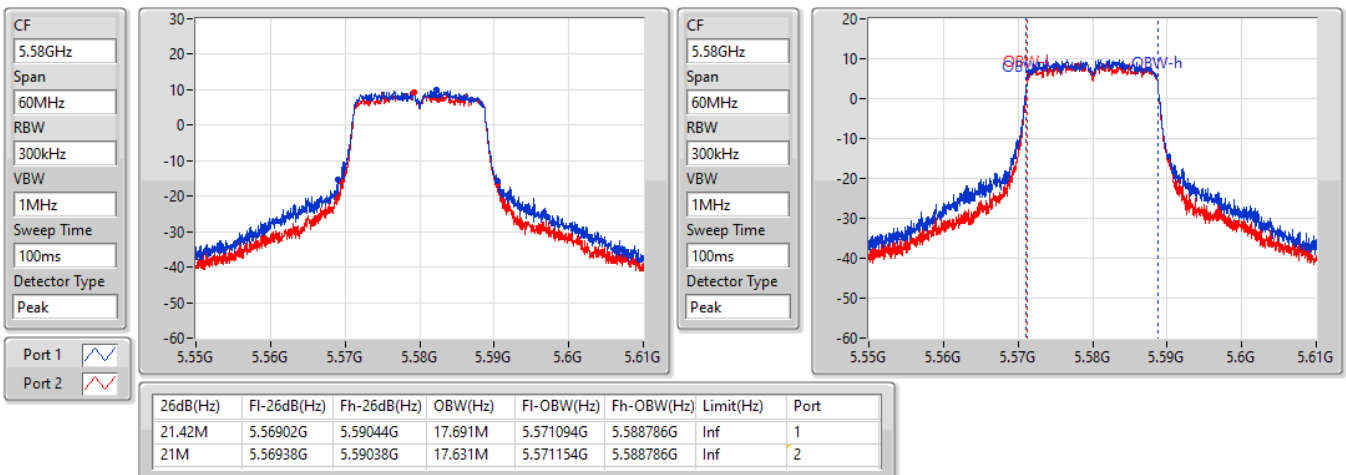


802.11n HT20_Nss1,(MCS0)_2TX

EBW

5580MHz

20/05/2022

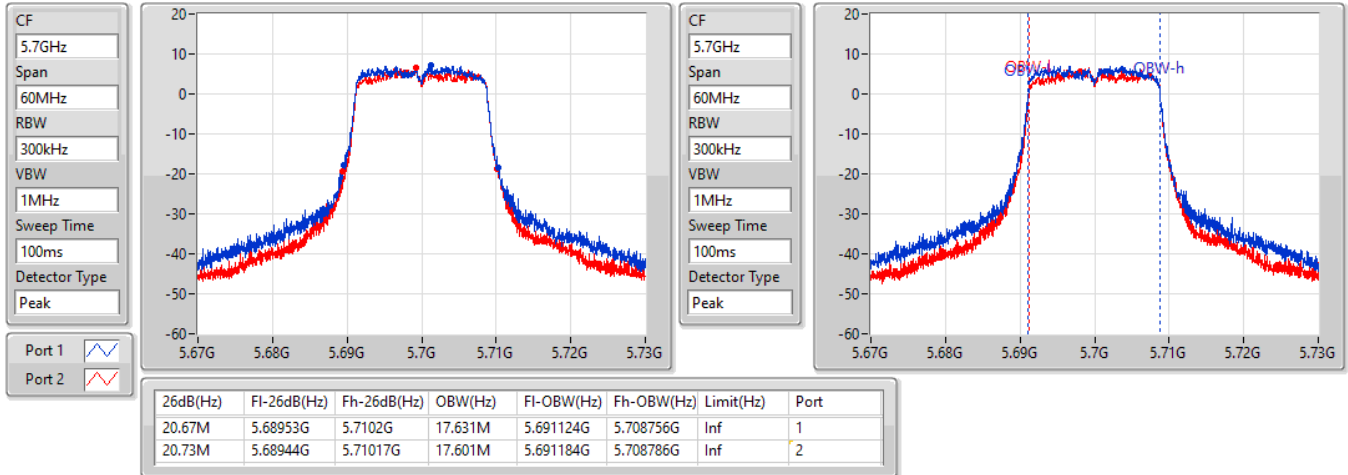


802.11n HT20_Nss1,(MCS0)_2TX

EBW

5700MHz

20/05/2022

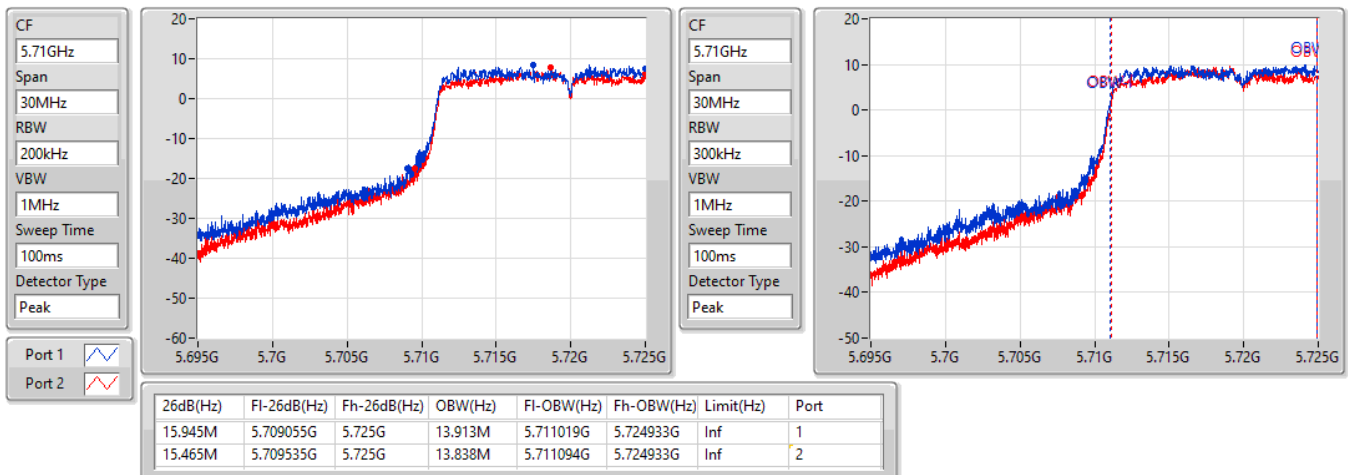


802.11n HT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

20/05/2022

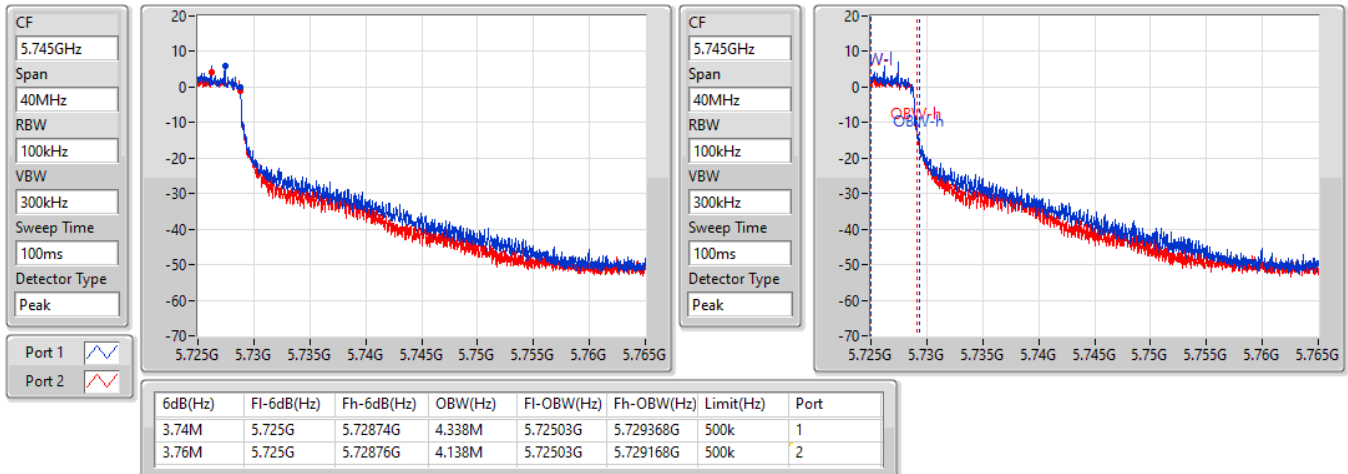


802.11n HT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

20/05/2022

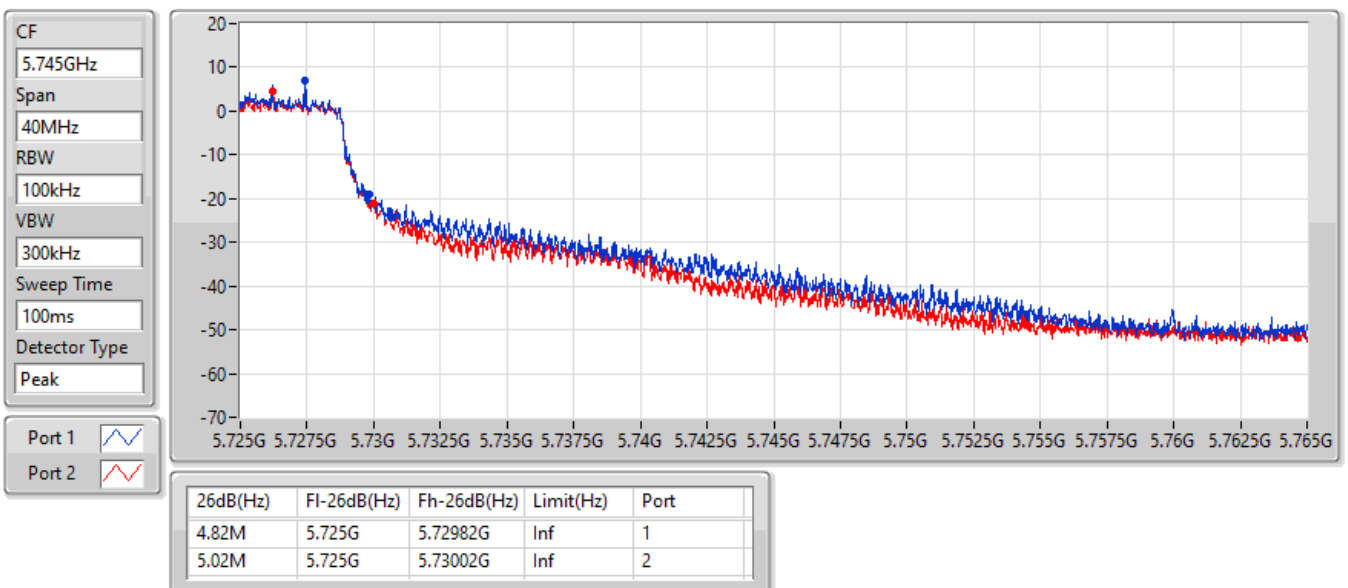


802.11n HT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

20/05/2022

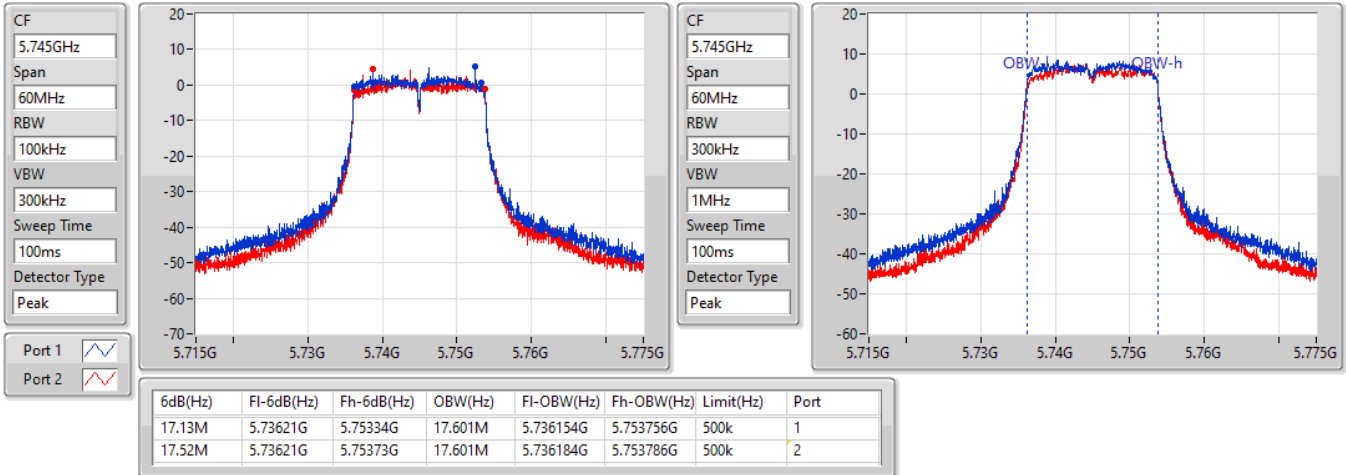


802.11n HT20_Nss1,(MCS0)_2TX

EBW

5745MHz

20/05/2022

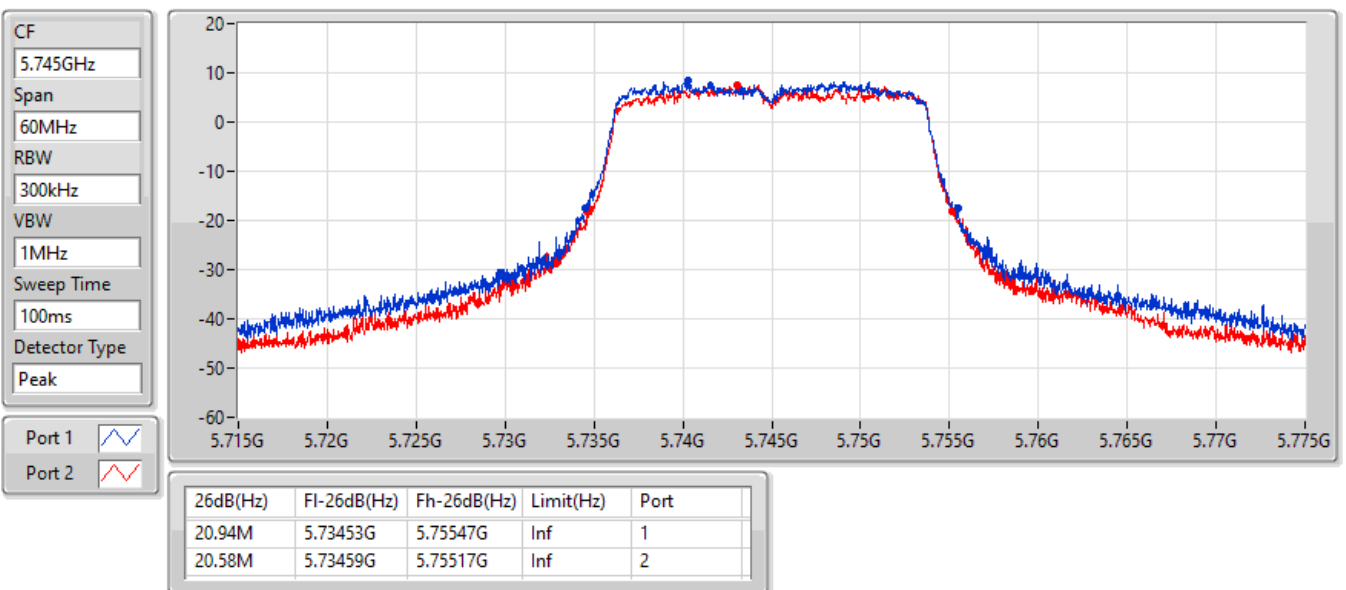


802.11n HT20_Nss1,(MCS0)_2TX

EBW

5745MHz

20/05/2022

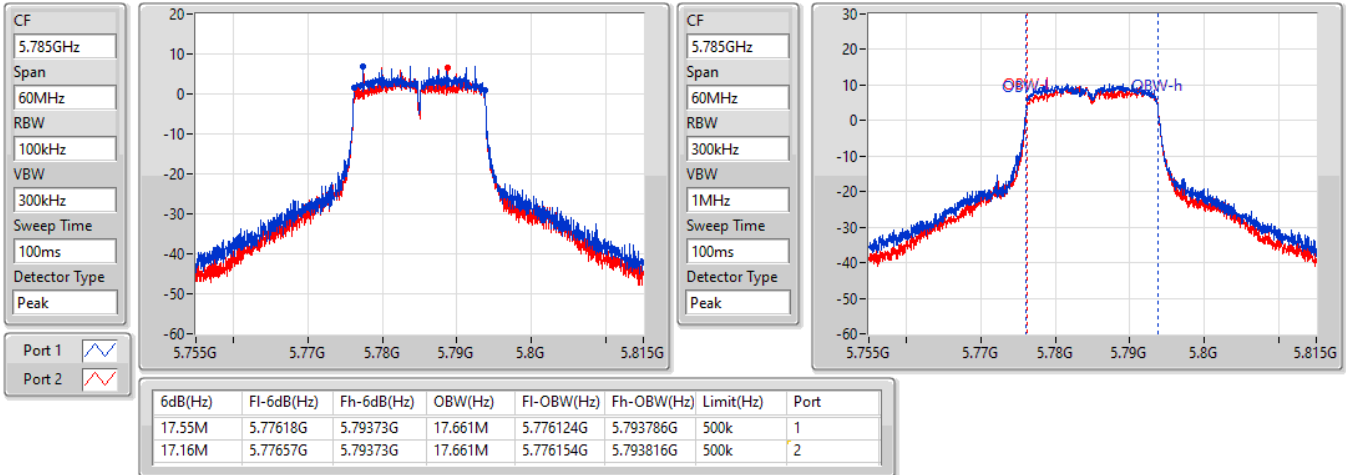


802.11n HT20_Nss1,(MCS0)_2TX

EBW

5785MHz

20/05/2022

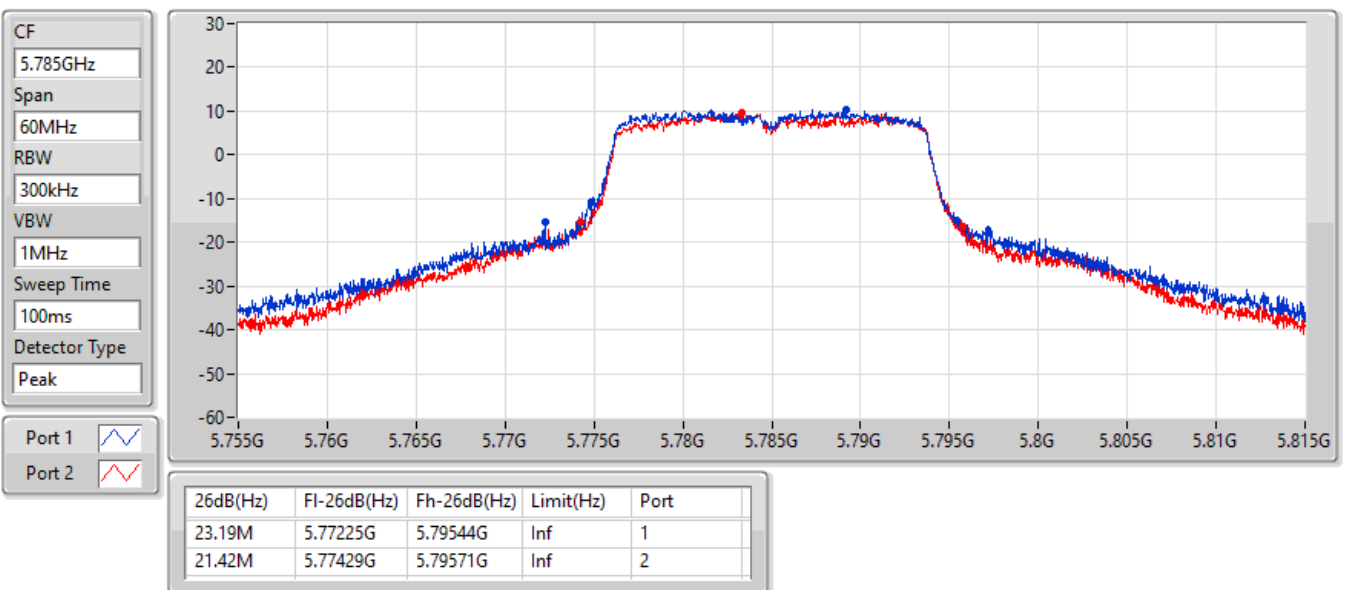


802.11n HT20_Nss1,(MCS0)_2TX

EBW

5785MHz

20/05/2022

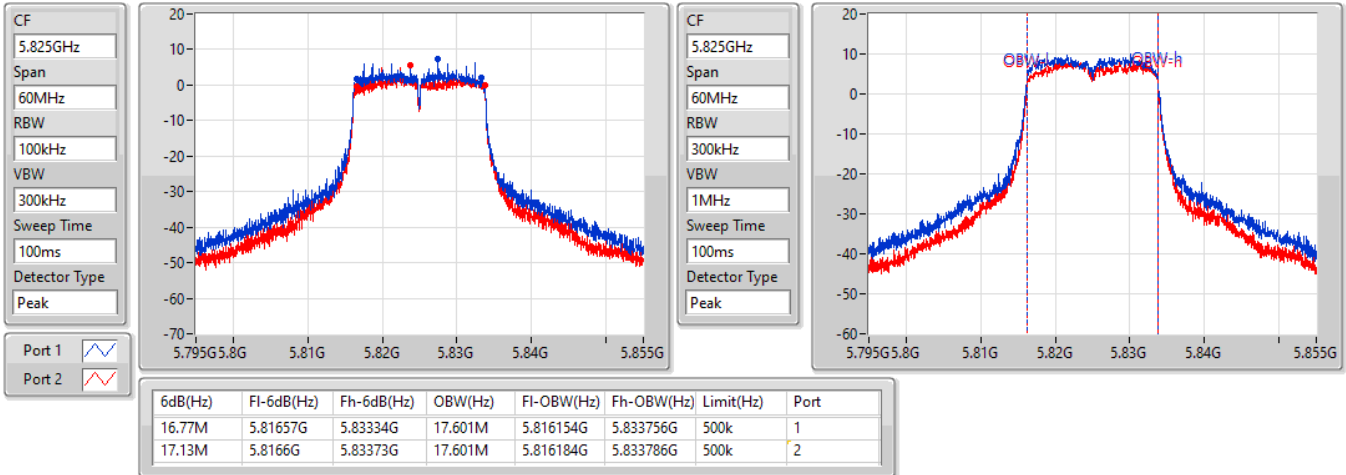


802.11n HT20_Nss1,(MCS0)_2TX

EBW

5825MHz

20/05/2022

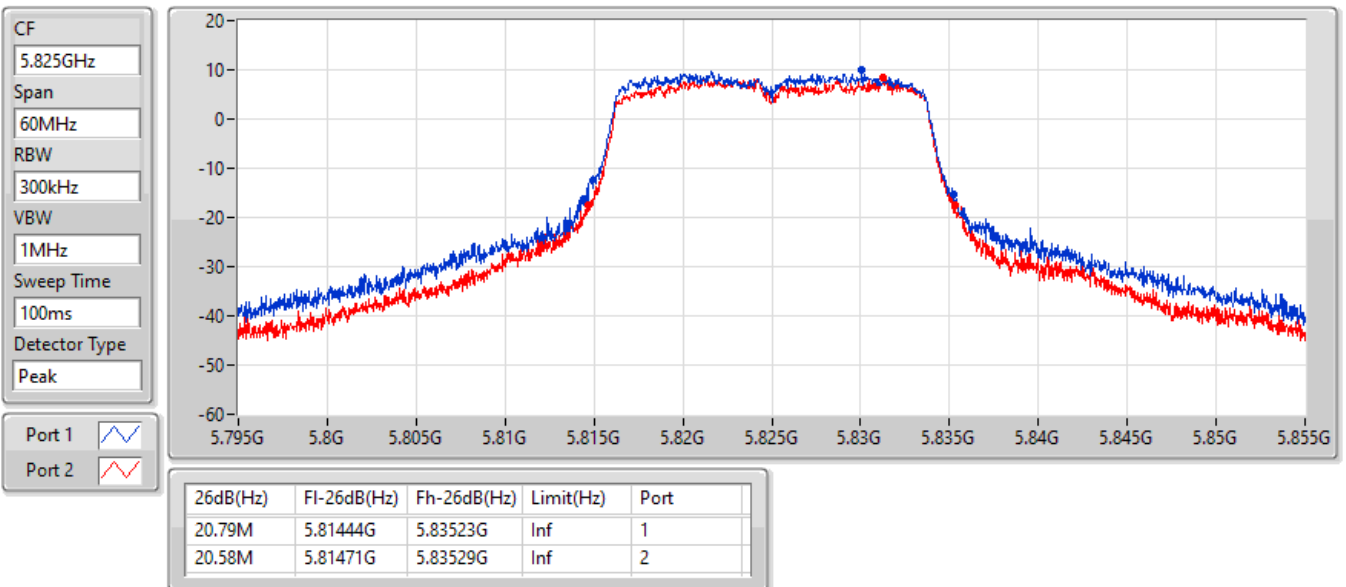


802.11n HT20_Nss1,(MCS0)_2TX

EBW

5825MHz

20/05/2022

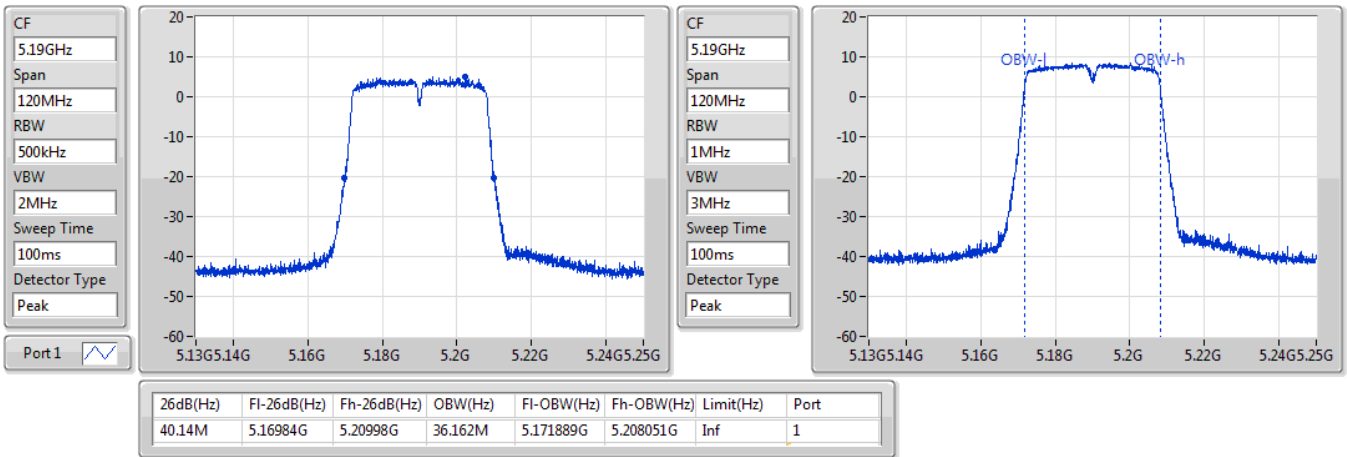


802.11n HT40_Nss1,(MCS0)_1TX(Port1)

EBW

5190MHz

21/07/2022

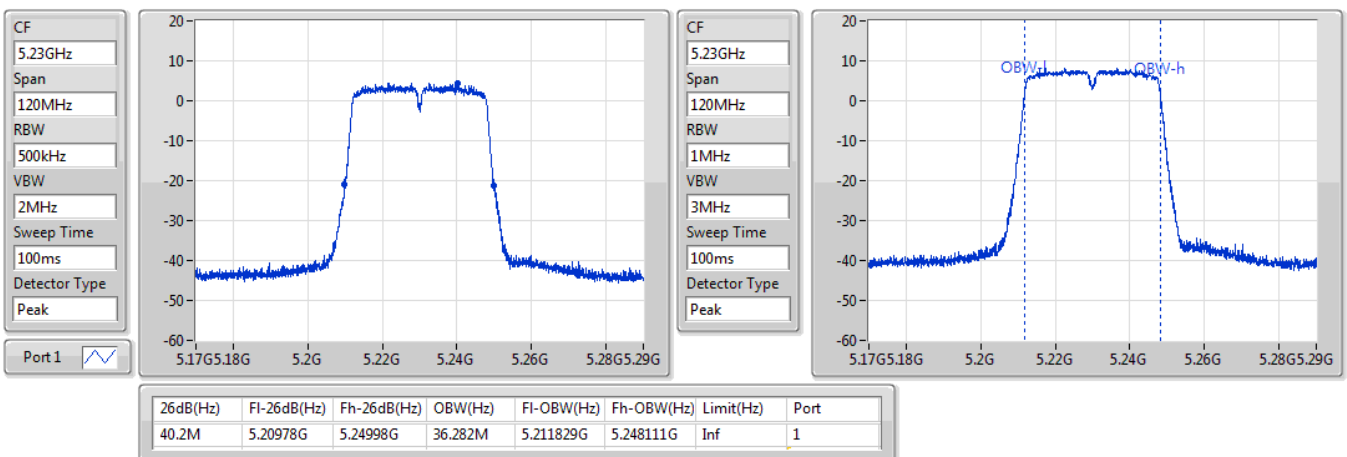


802.11n HT40_Nss1,(MCS0)_1TX(Port1)

EBW

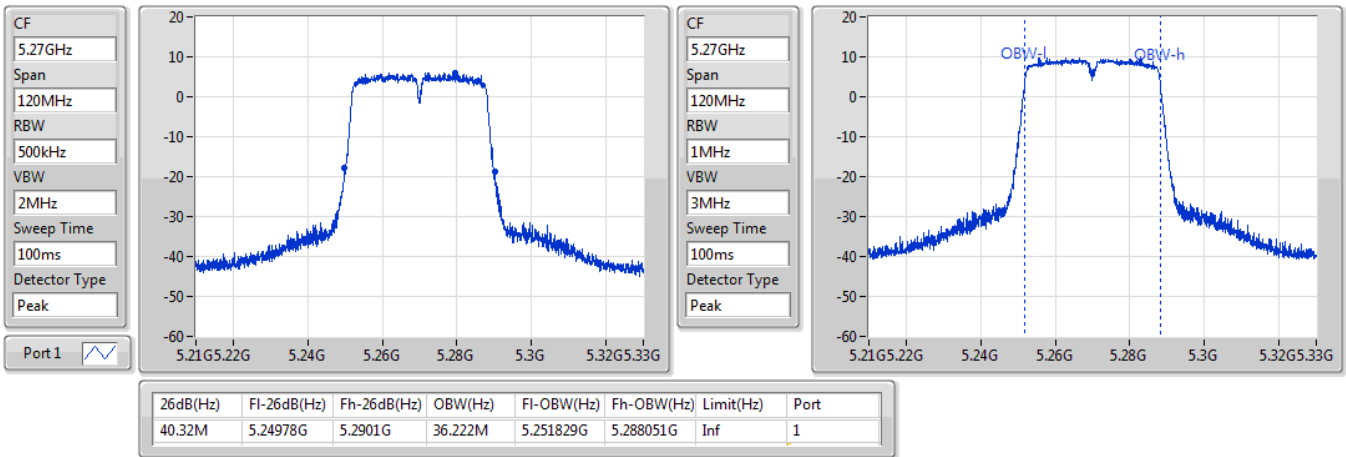
5230MHz

21/07/2022

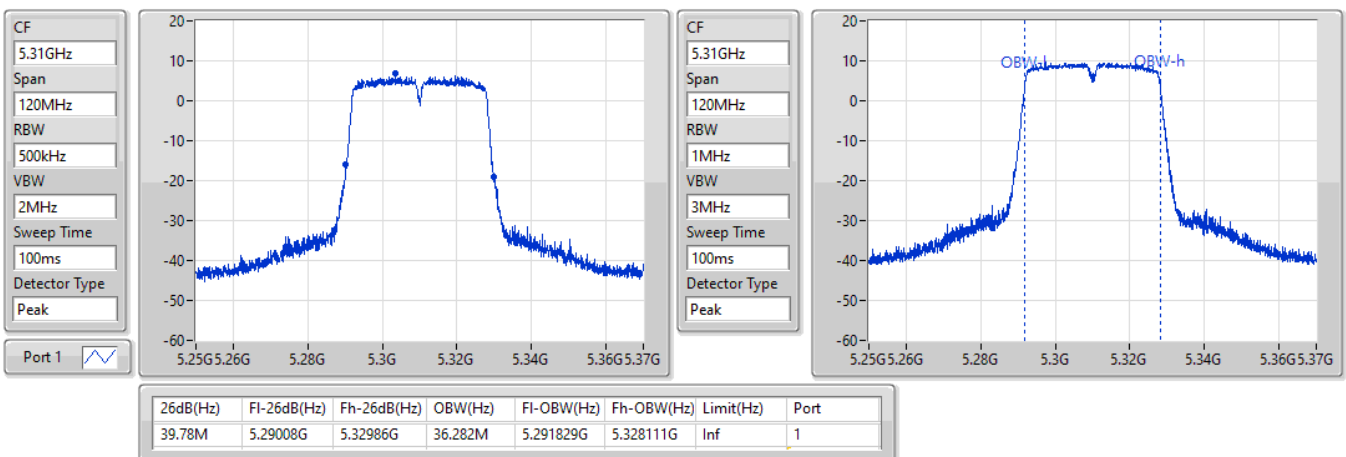


802.11n HT40_Nss1,(MCS0)_1TX(Port1)
EBW
5270MHz

21/07/2022


802.11n HT40_Nss1,(MCS0)_1TX(Port1)
EBW
5310MHz

20/05/2022

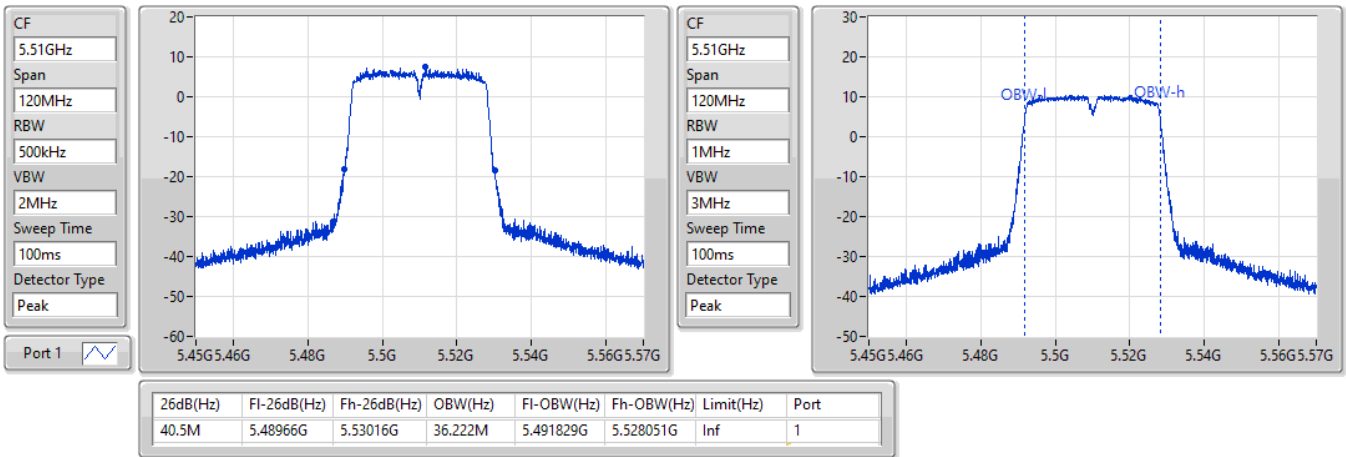


802.11n HT40_Nss1,(MCS0)_1TX(Port1)

EBW

5510MHz

20/05/2022

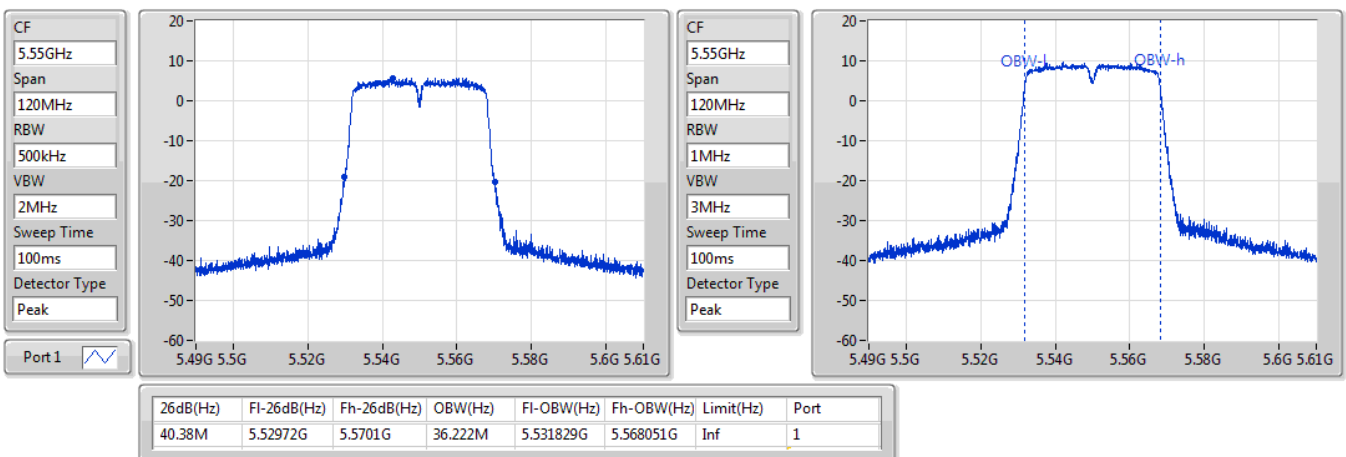


802.11n HT40_Nss1,(MCS0)_1TX(Port1)

EBW

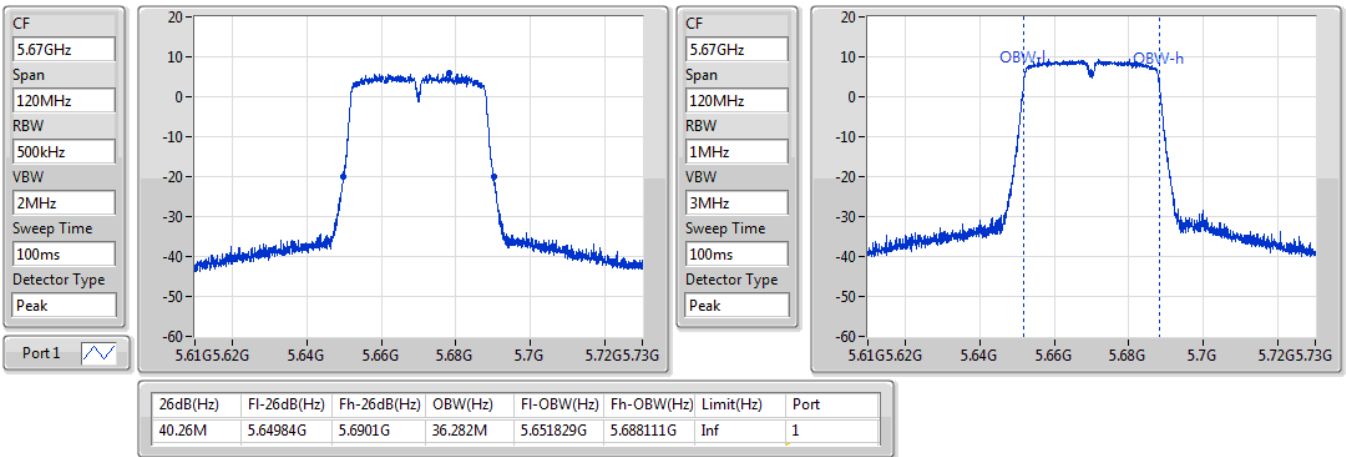
5550MHz

21/07/2022

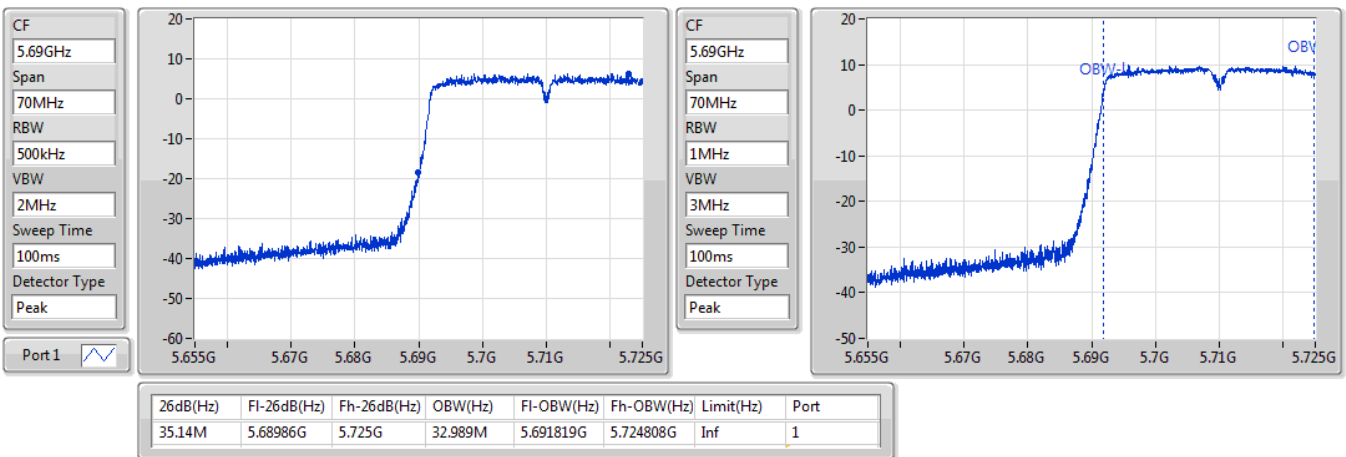


802.11n HT40_Nss1,(MCS0)_1TX(Port1)
EBW
5670MHz

21/07/2022


802.11n HT40_Nss1,(MCS0)_1TX(Port1)
EBW
5710MHz Straddle 5.47-5.725GHz

21/07/2022

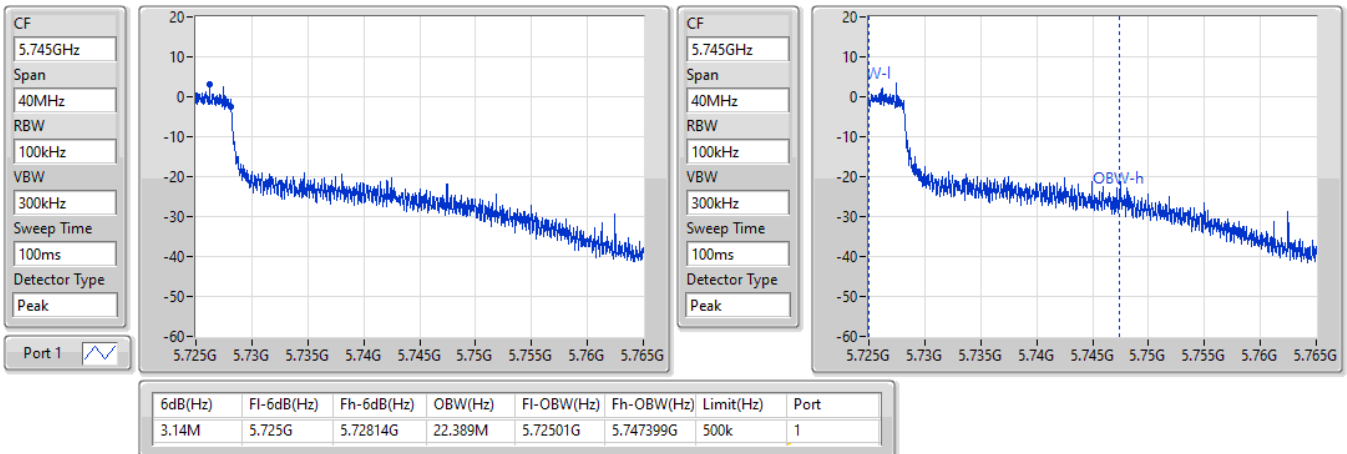


802.11n HT40_Nss1,(MCS0)_1TX(Port1)

EBW

5710MHz Straddle 5.725-5.85GHz

20/05/2022

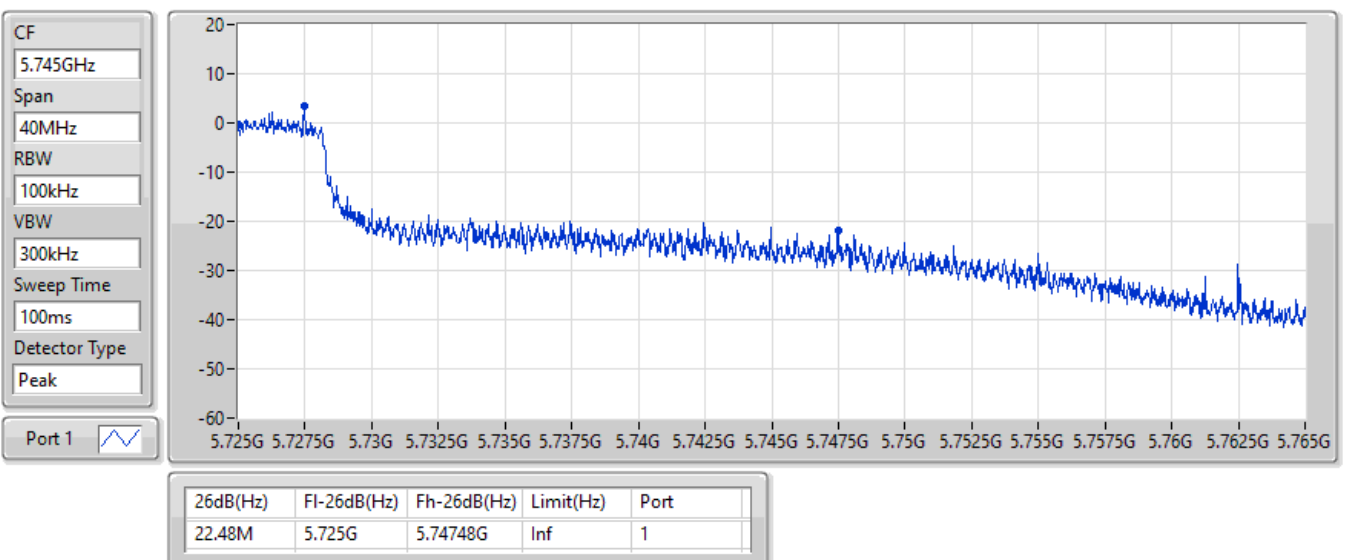


802.11n HT40_Nss1,(MCS0)_1TX(Port1)

EBW

5710MHz Straddle 5.725-5.85GHz

20/05/2022

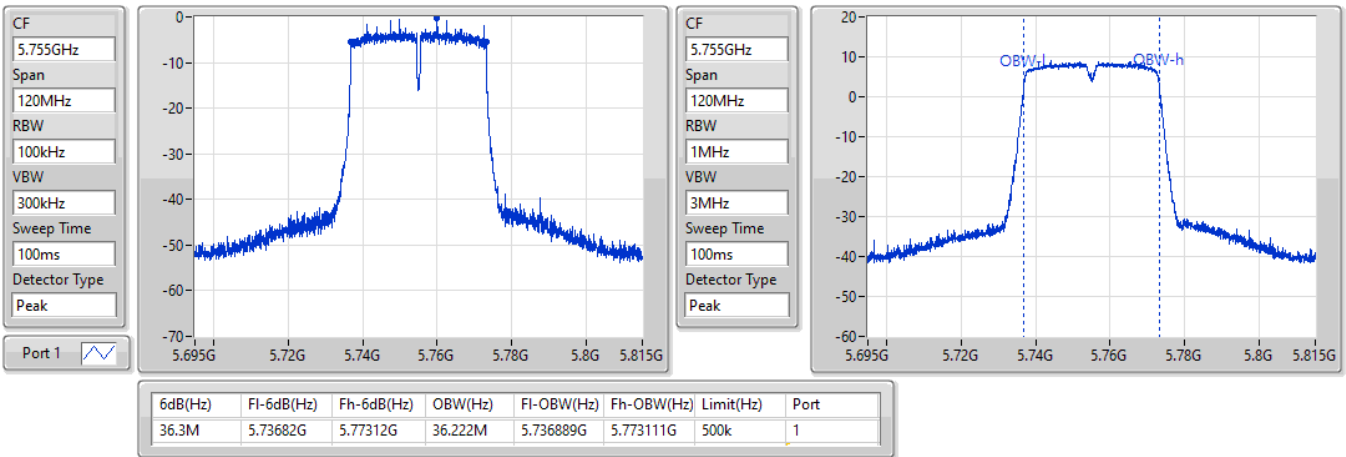


802.11n HT40_Nss1,(MCS0)_1TX(Port1)

EBW

5755MHz

22/07/2022

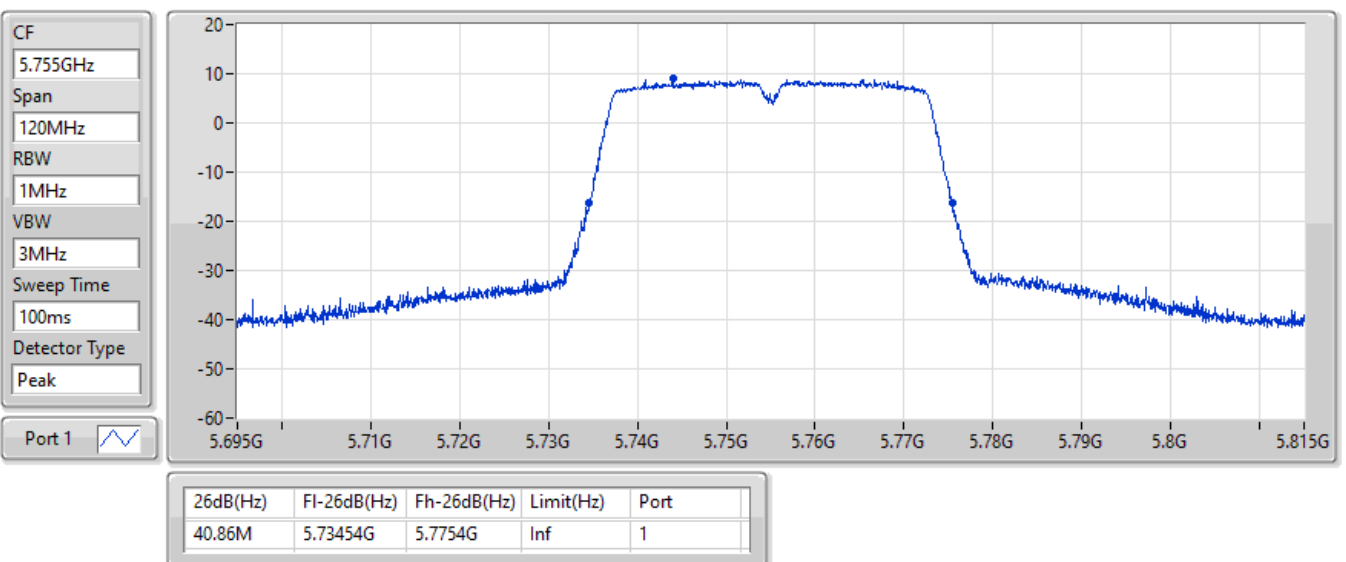


802.11n HT40_Nss1,(MCS0)_1TX(Port1)

EBW

5755MHz

22/07/2022

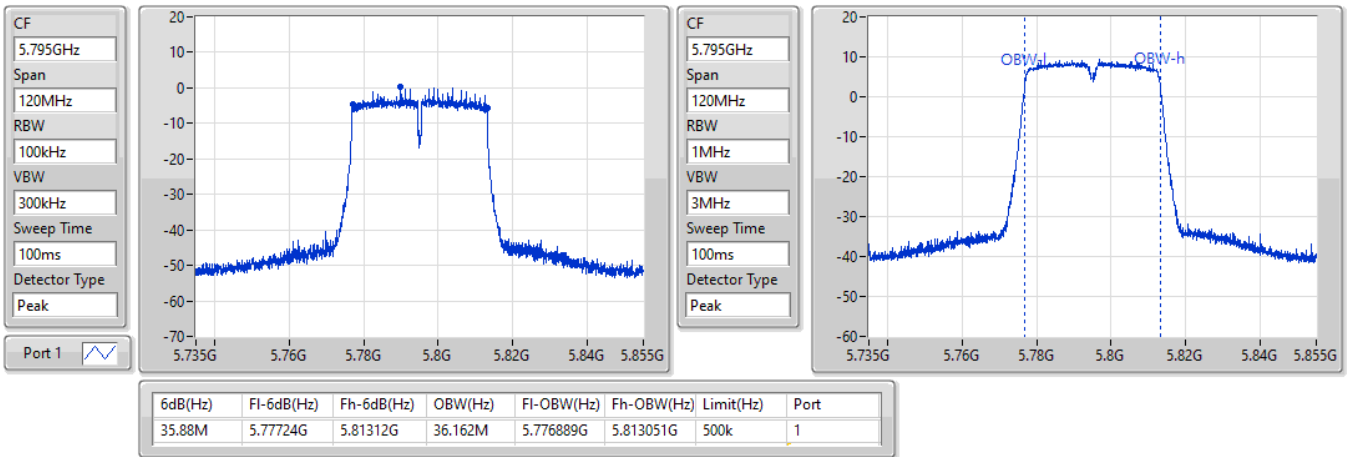


802.11n HT40_Nss1,(MCS0)_1TX(Port1)

EBW

5795MHz

22/07/2022

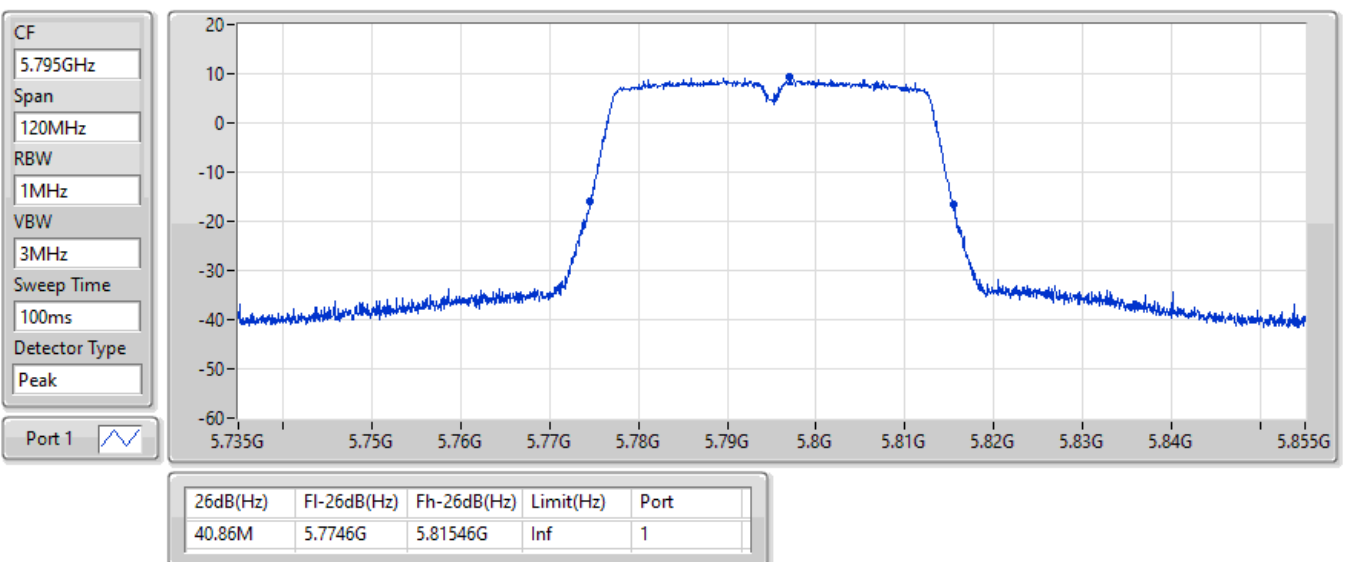


802.11n HT40_Nss1,(MCS0)_1TX(Port1)

EBW

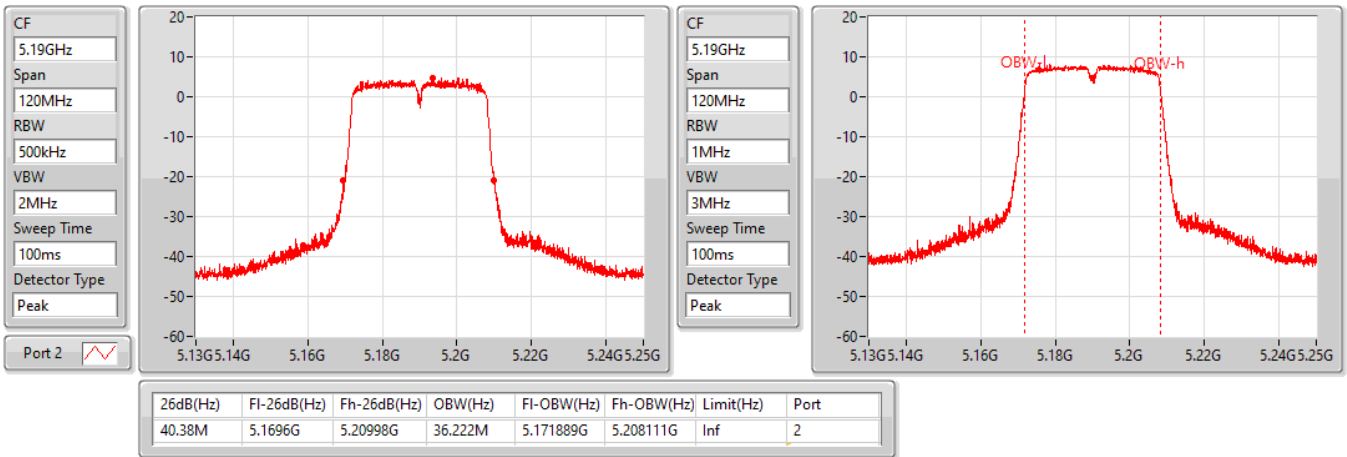
5795MHz

22/07/2022

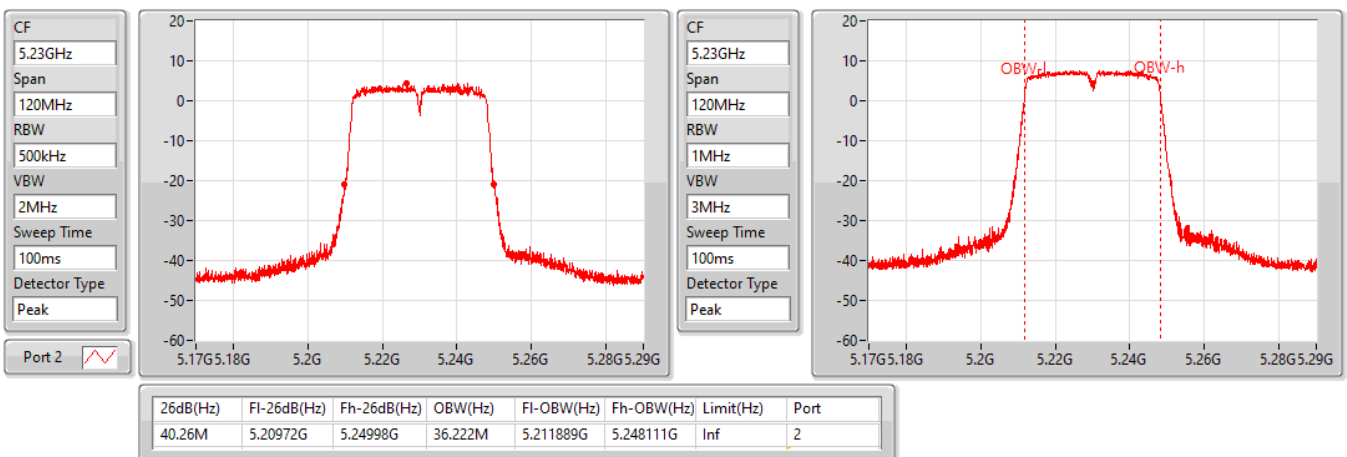


802.11n HT40_Nss1,(MCS0)_1TX(Port2)
EBW
5190MHz

20/05/2022

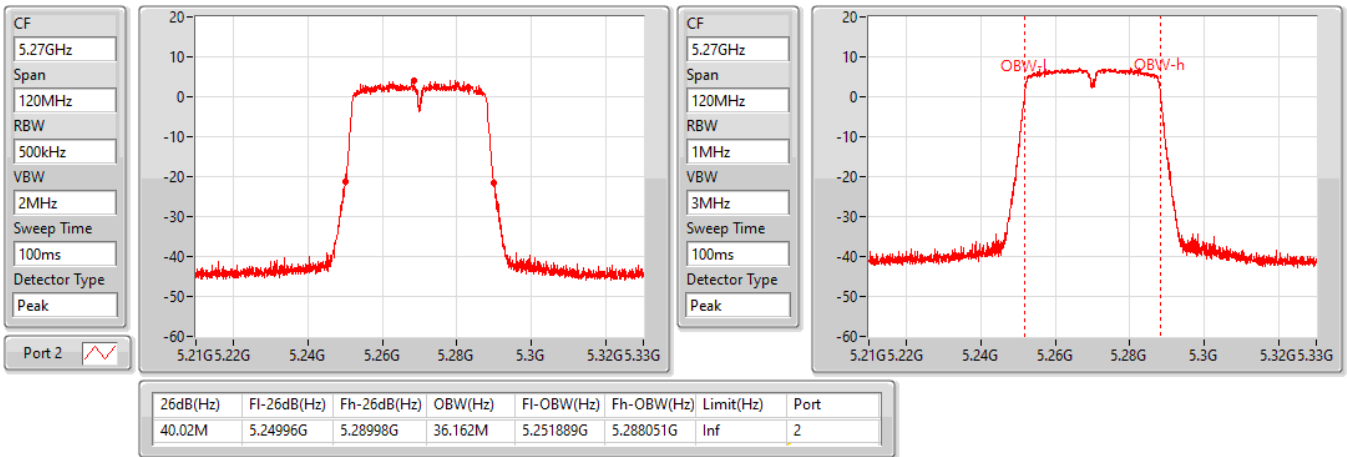

802.11n HT40_Nss1,(MCS0)_1TX(Port2)
EBW
5230MHz

20/05/2022

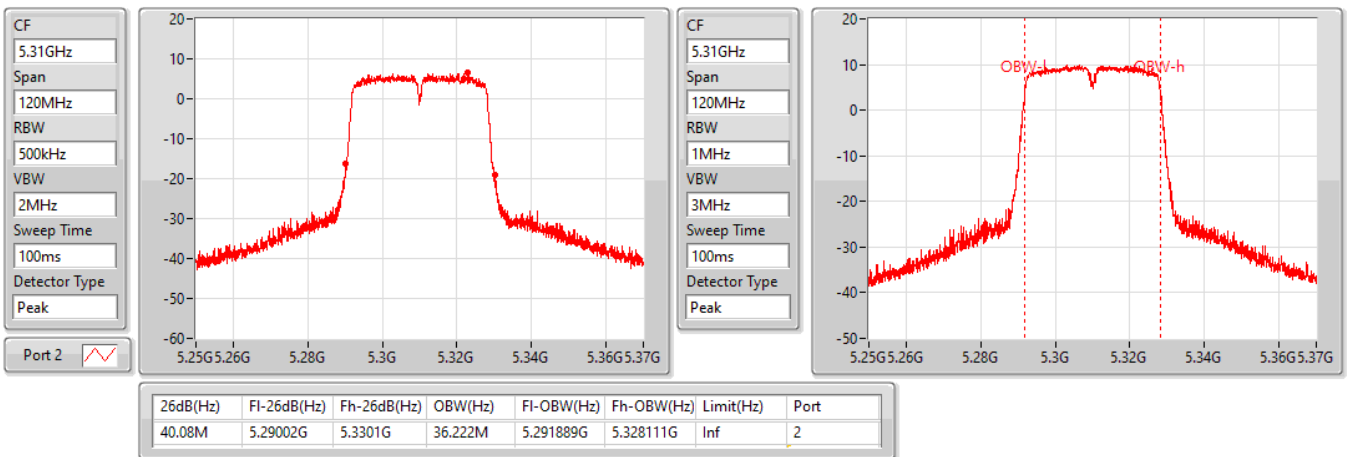


802.11n HT40_Nss1,(MCS0)_1TX(Port2)
EBW
5270MHz

22/07/2022

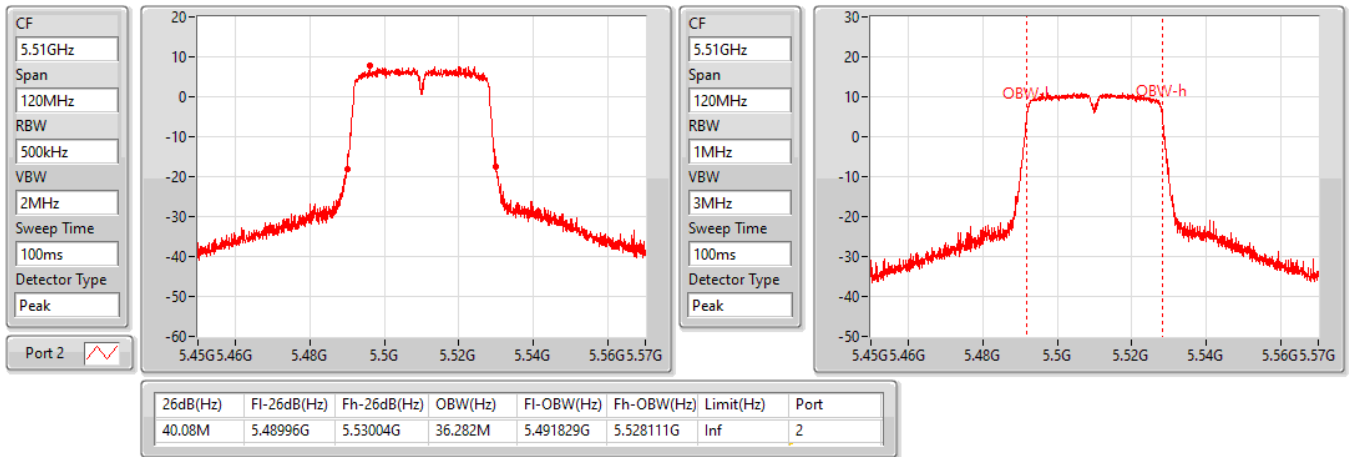

802.11n HT40_Nss1,(MCS0)_1TX(Port2)
EBW
5310MHz

20/05/2022

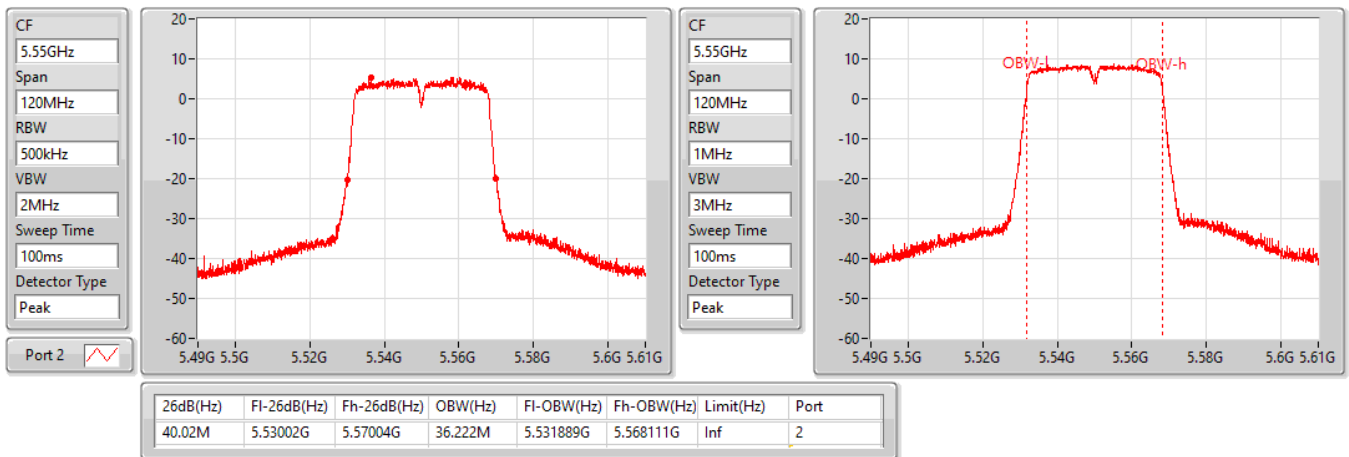


802.11n HT40_Nss1,(MCS0)_1TX(Port2)
EBW
5510MHz

20/05/2022


802.11n HT40_Nss1,(MCS0)_1TX(Port2)
EBW
5550MHz

22/07/2022

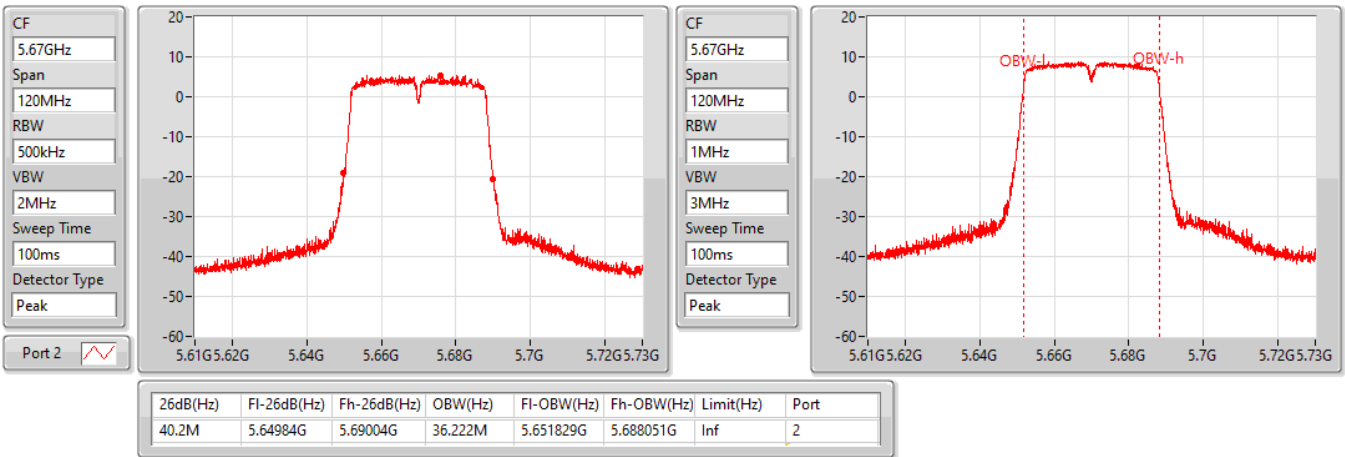


802.11n HT40_Nss1,(MCS0)_1TX(Port2)

EBW

5670MHz

22/07/2022

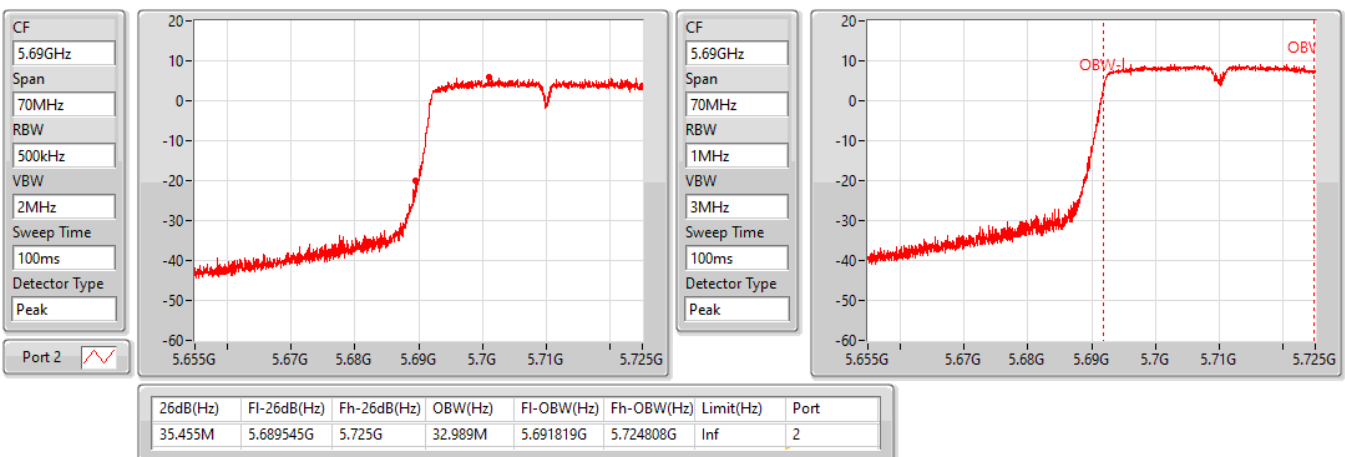


802.11n HT40_Nss1,(MCS0)_1TX(Port2)

EBW

5710MHz Straddle 5.47-5.725GHz

22/07/2022

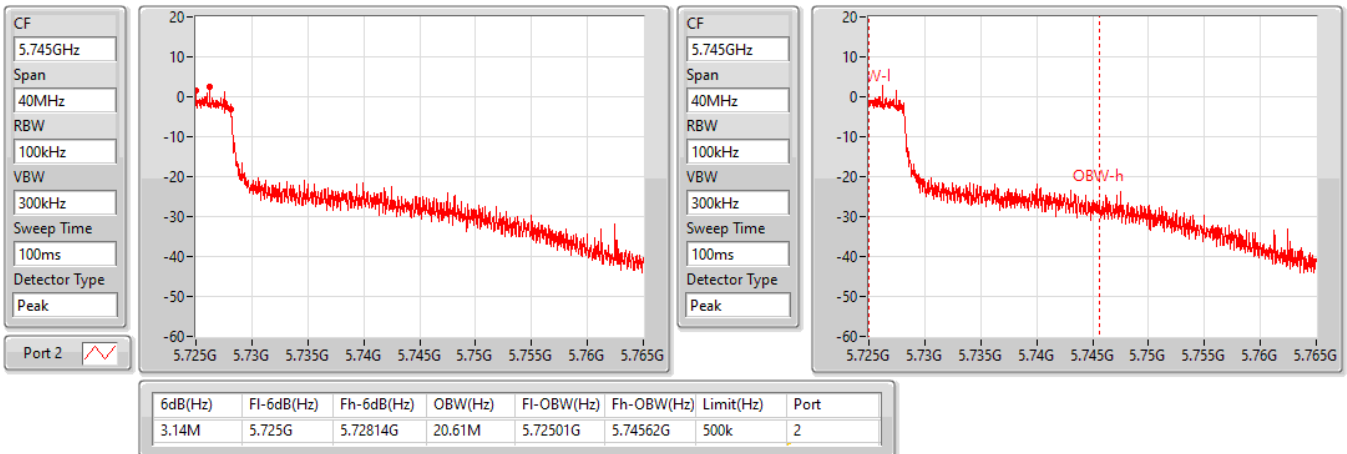


802.11n HT40_Nss1,(MCS0)_1TX(Port2)

EBW

5710MHz Straddle 5.725-5.85GHz

20/05/2022

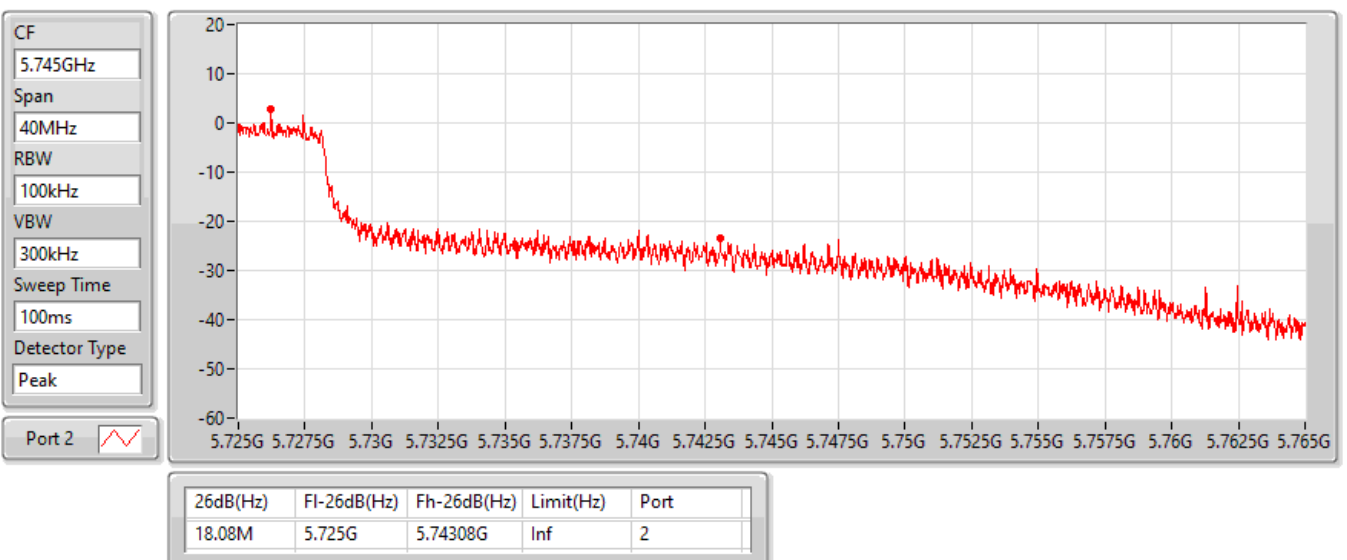


802.11n HT40_Nss1,(MCS0)_1TX(Port2)

EBW

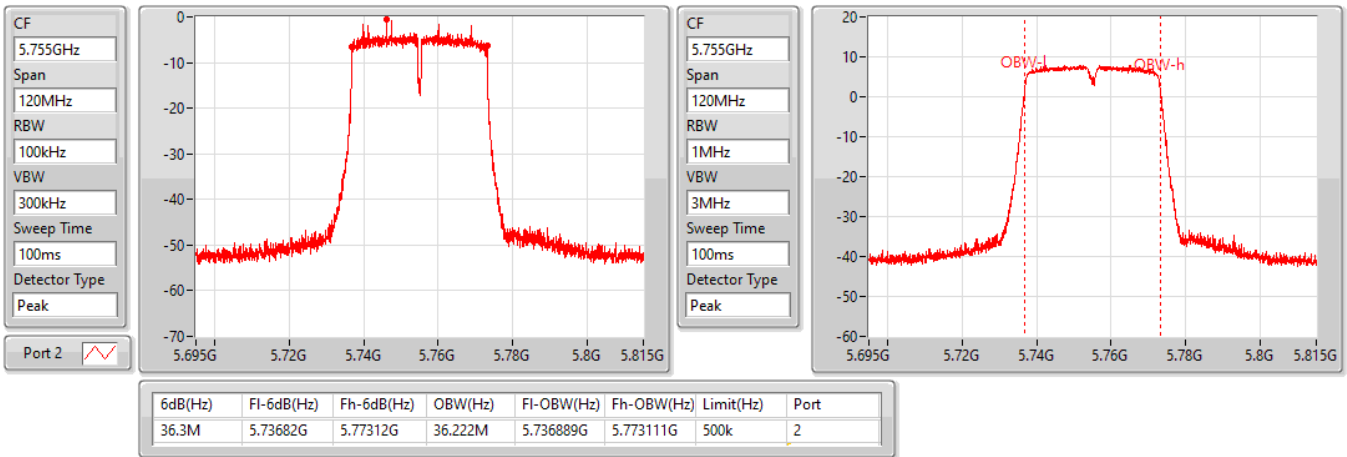
5710MHz Straddle 5.725-5.85GHz

20/05/2022

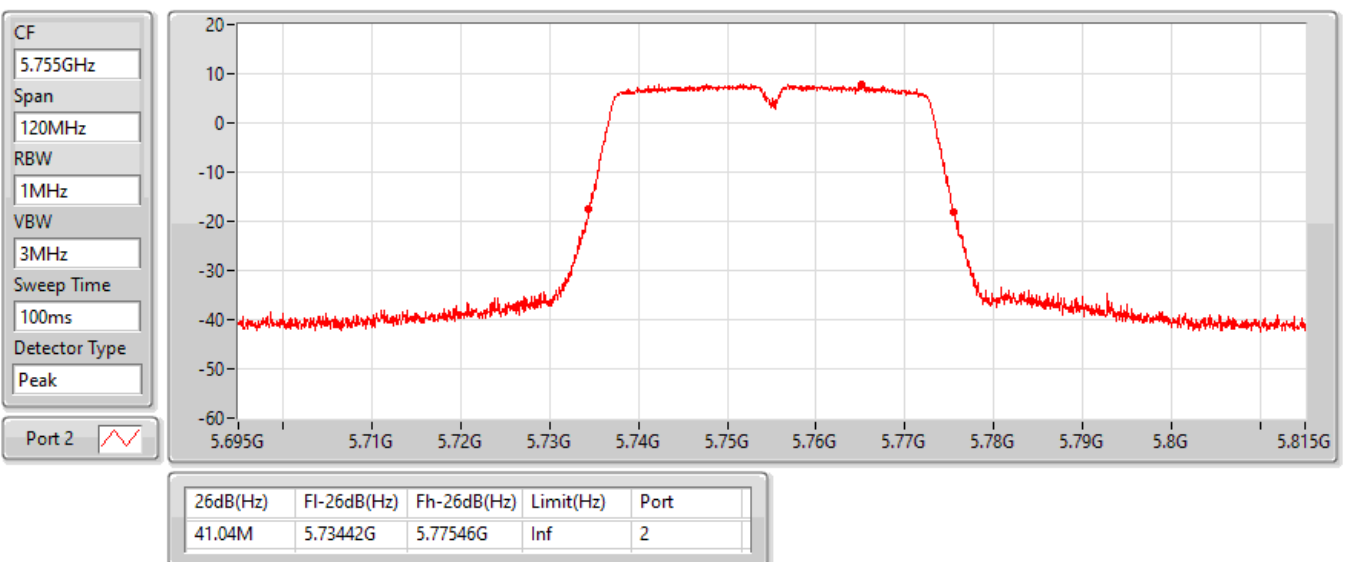


802.11n HT40_Nss1,(MCS0)_1TX(Port2)
EBW
5755MHz

22/07/2022


802.11n HT40_Nss1,(MCS0)_1TX(Port2)
EBW
5755MHz

22/07/2022

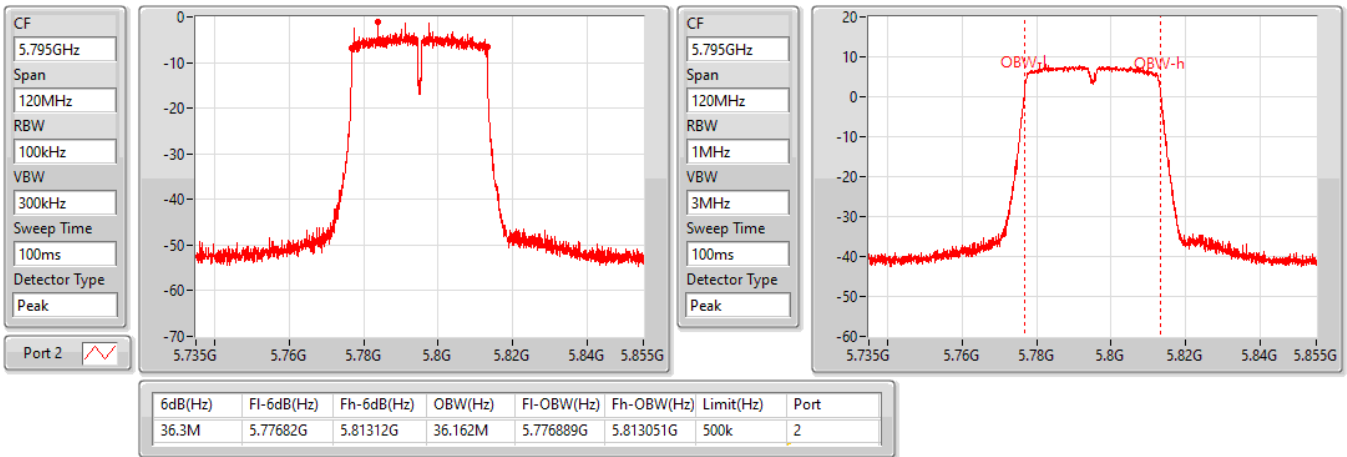


802.11n HT40_Nss1,(MCS0)_1TX(Port2)

EBW

5795MHz

22/07/2022

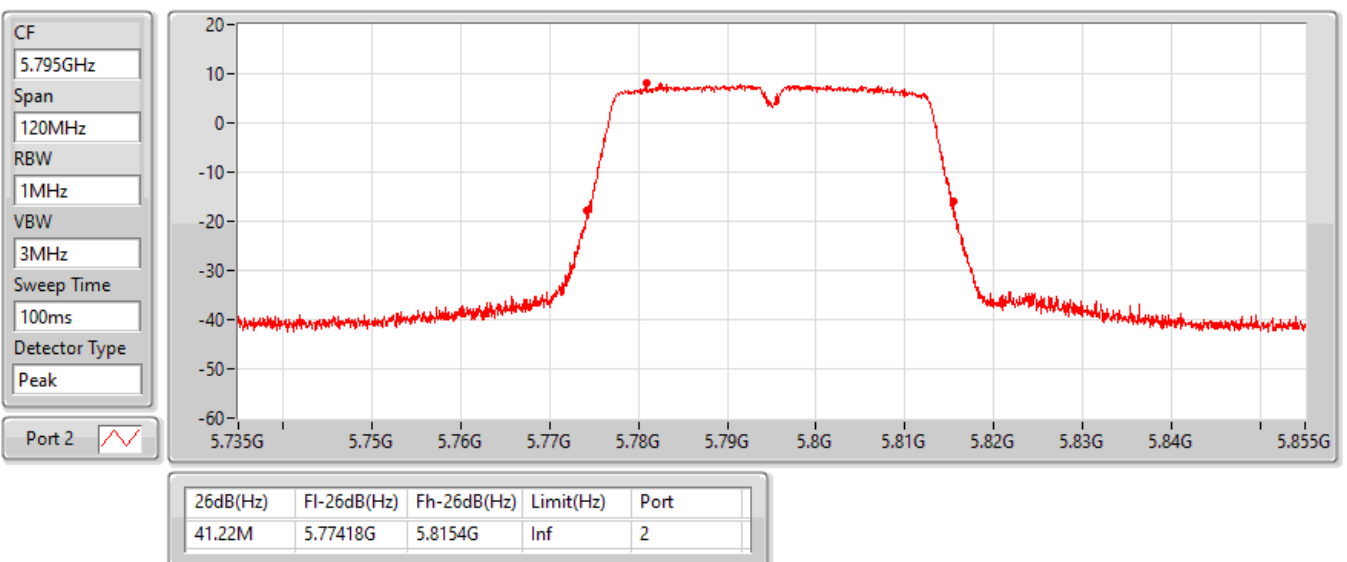


802.11n HT40_Nss1,(MCS0)_1TX(Port2)

EBW

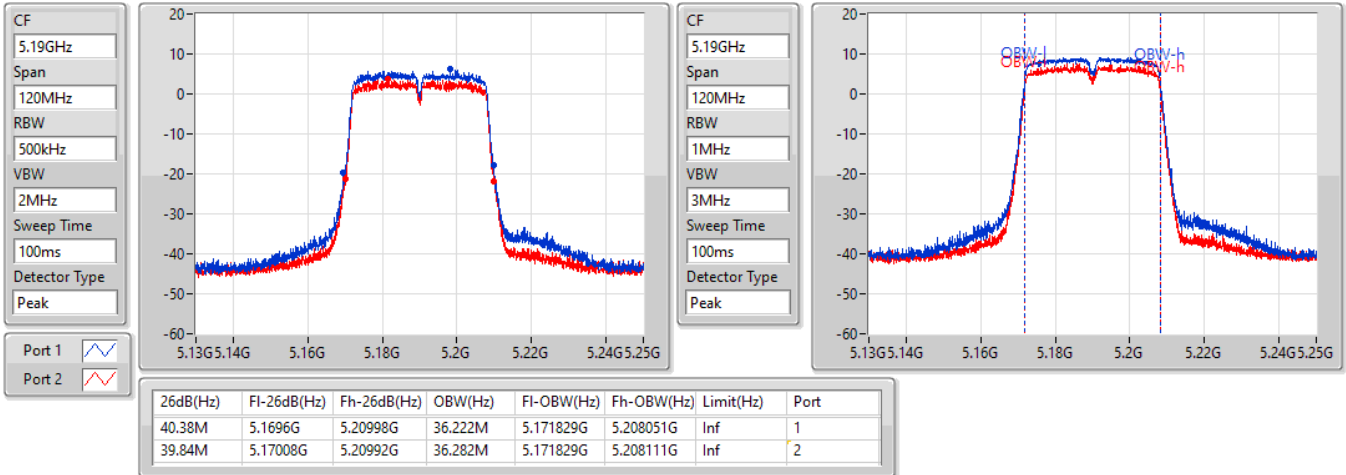
5795MHz

22/07/2022

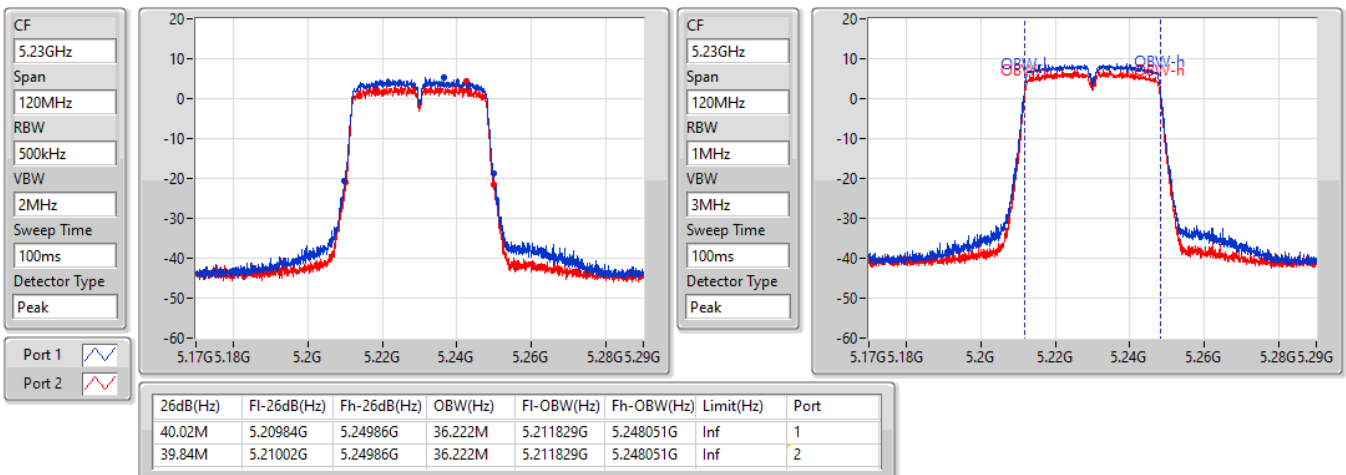


802.11n HT40_Nss1,(MCS0)_2TX
EBW
5190MHz

20/05/2022


802.11n HT40_Nss1,(MCS0)_2TX
EBW
5230MHz

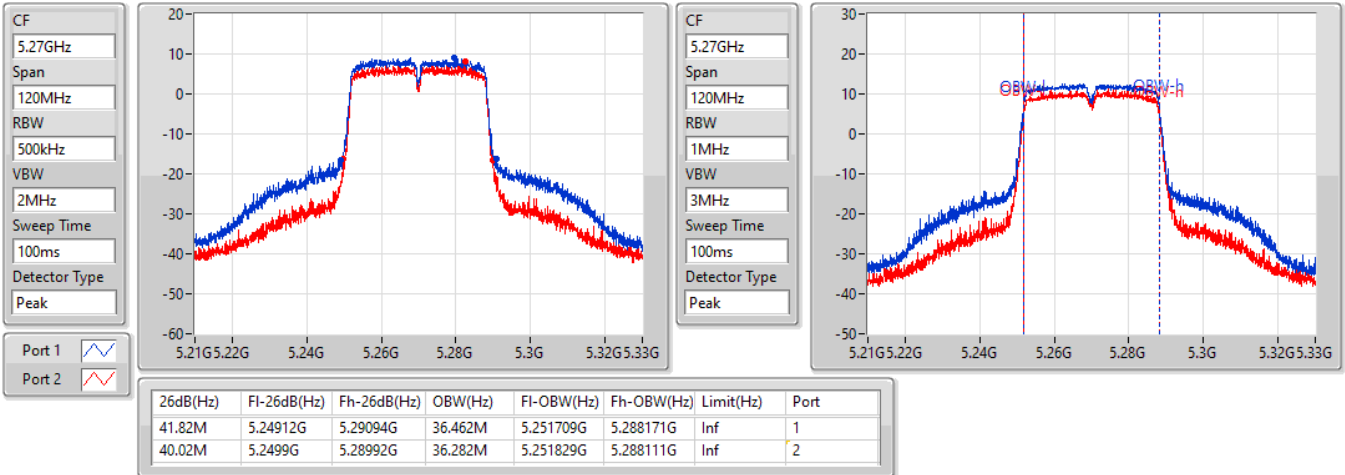
20/05/2022



802.11n HT40_Nss1,(MCS0)_2TX

5270MHz

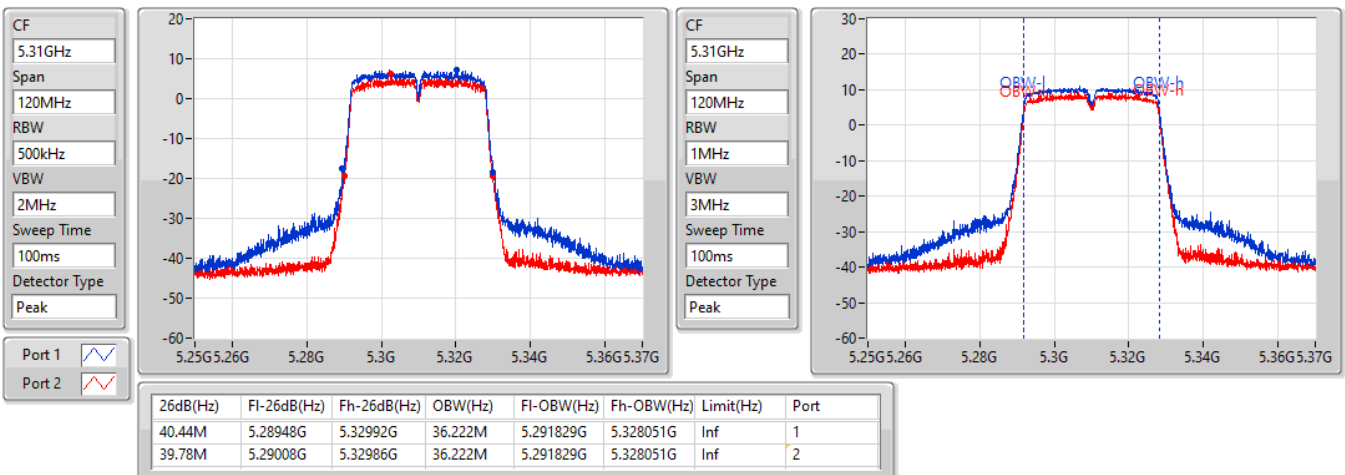
20/05/2022



802.11n HT40_Nss1,(MCS0)_2TX

5310MHz

20/05/2022

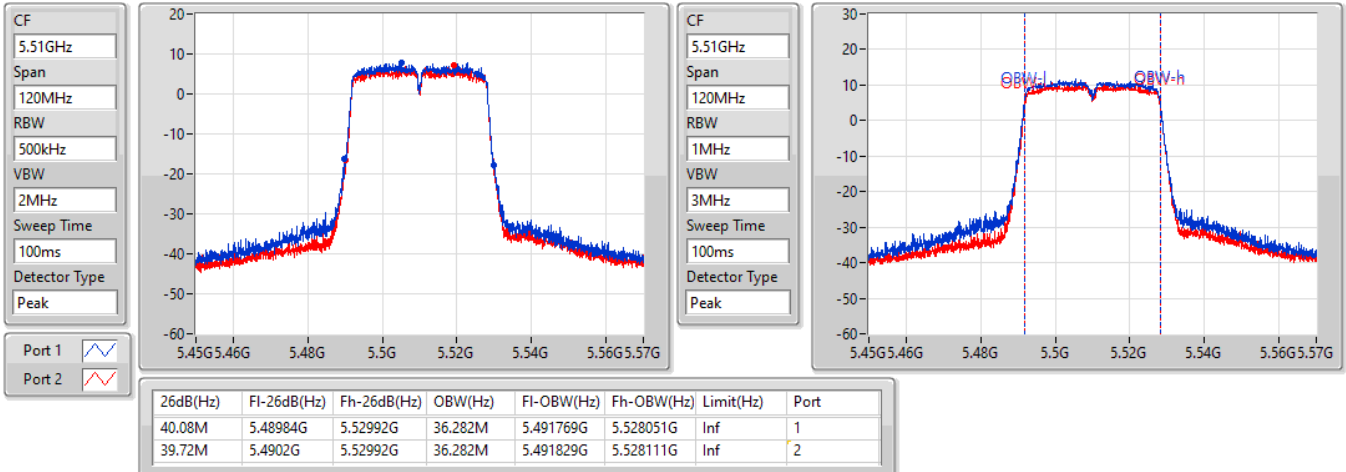


802.11n HT40_Nss1,(MCS0)_2TX

EBW

5510MHz

20/05/2022

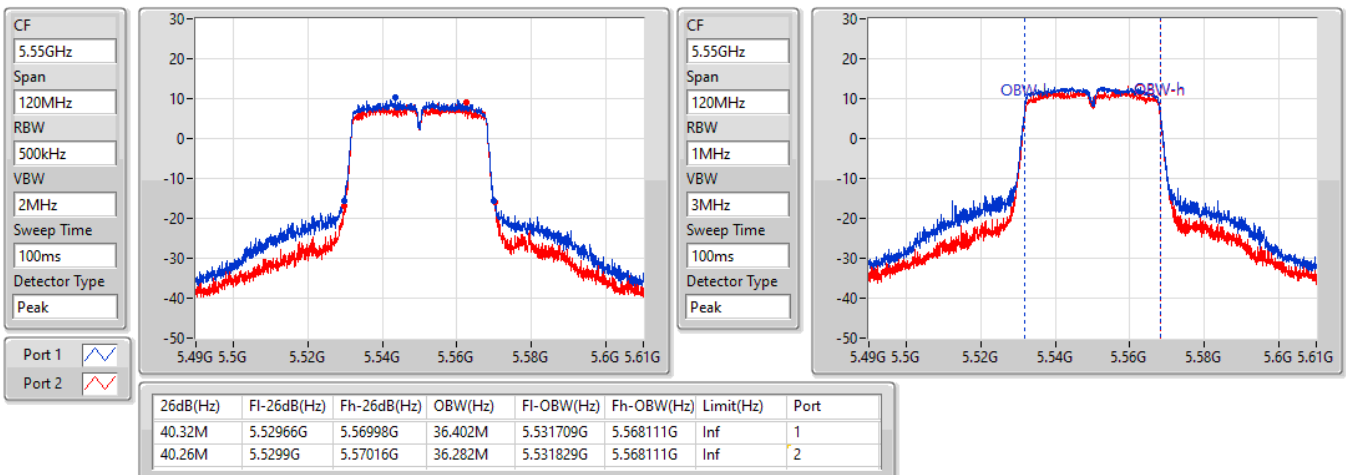


802.11n HT40_Nss1,(MCS0)_2TX

EBW

5550MHz

20/05/2022

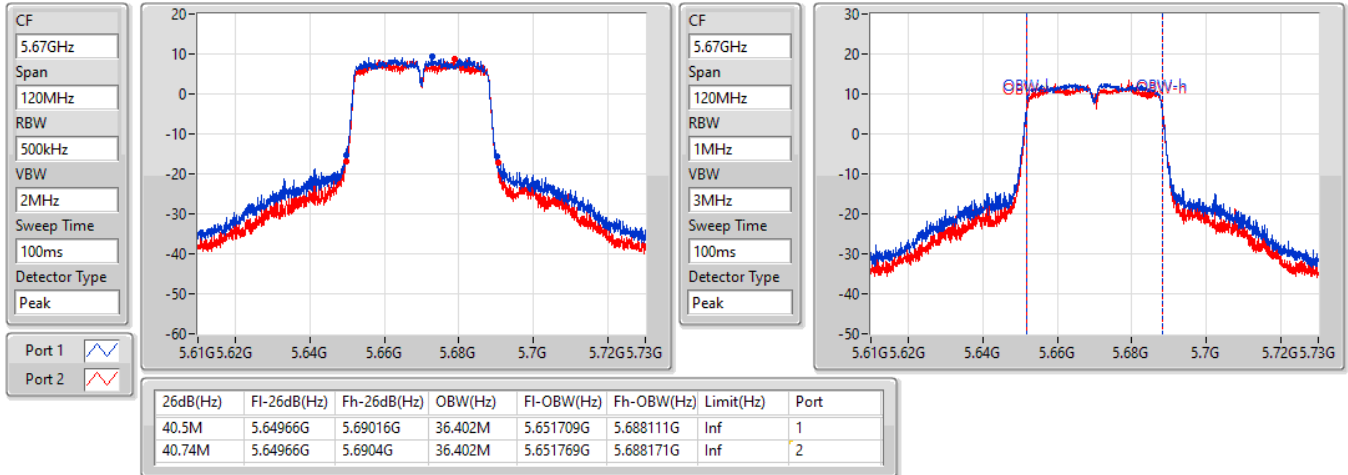


802.11n HT40_Nss1,(MCS0)_2TX

EBW

5670MHz

20/05/2022

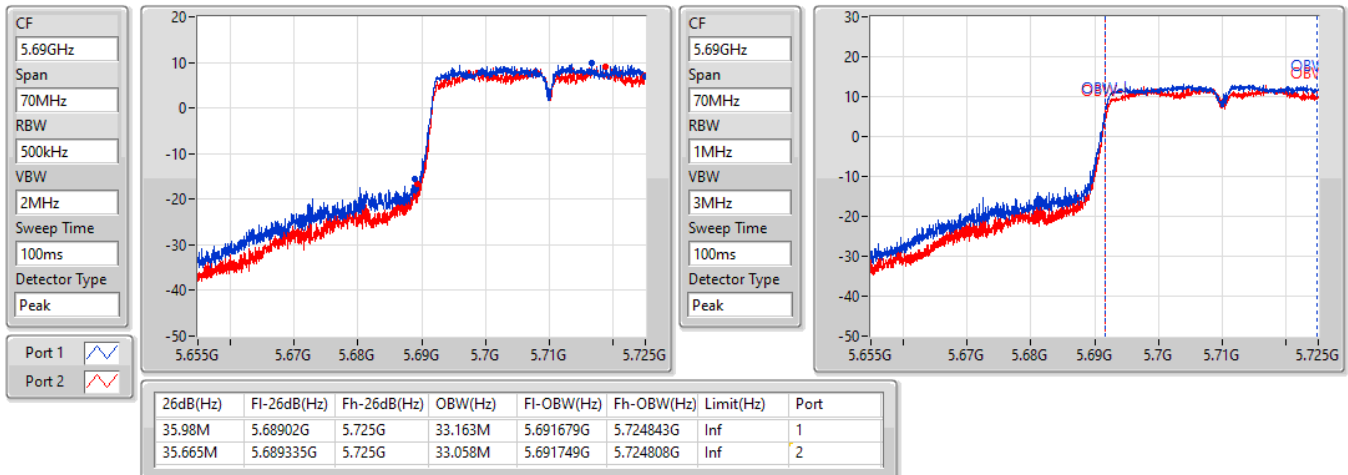


802.11n HT40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

20/05/2022

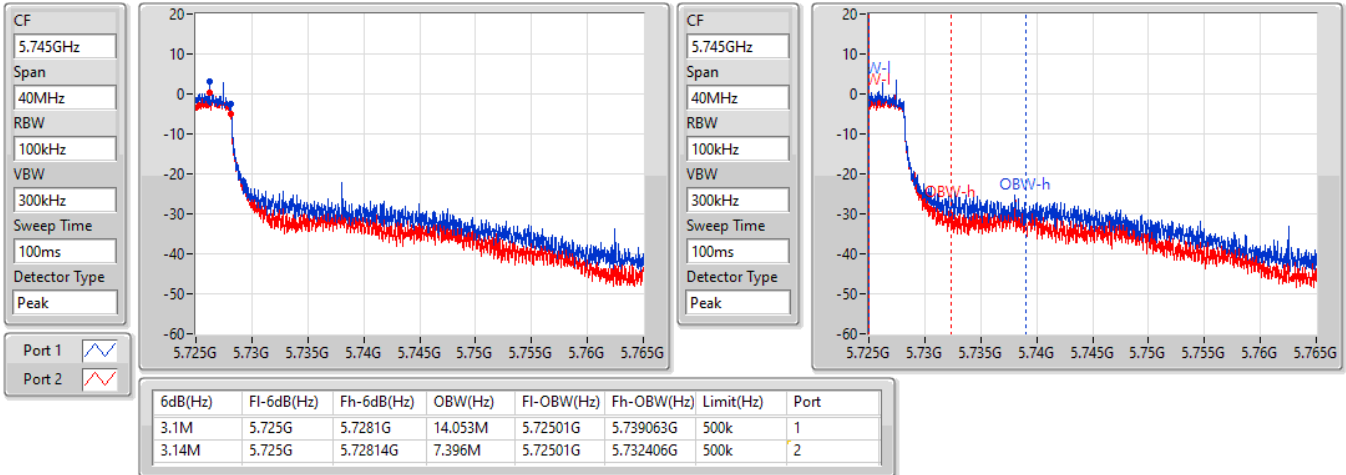


802.11n HT40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

20/05/2022

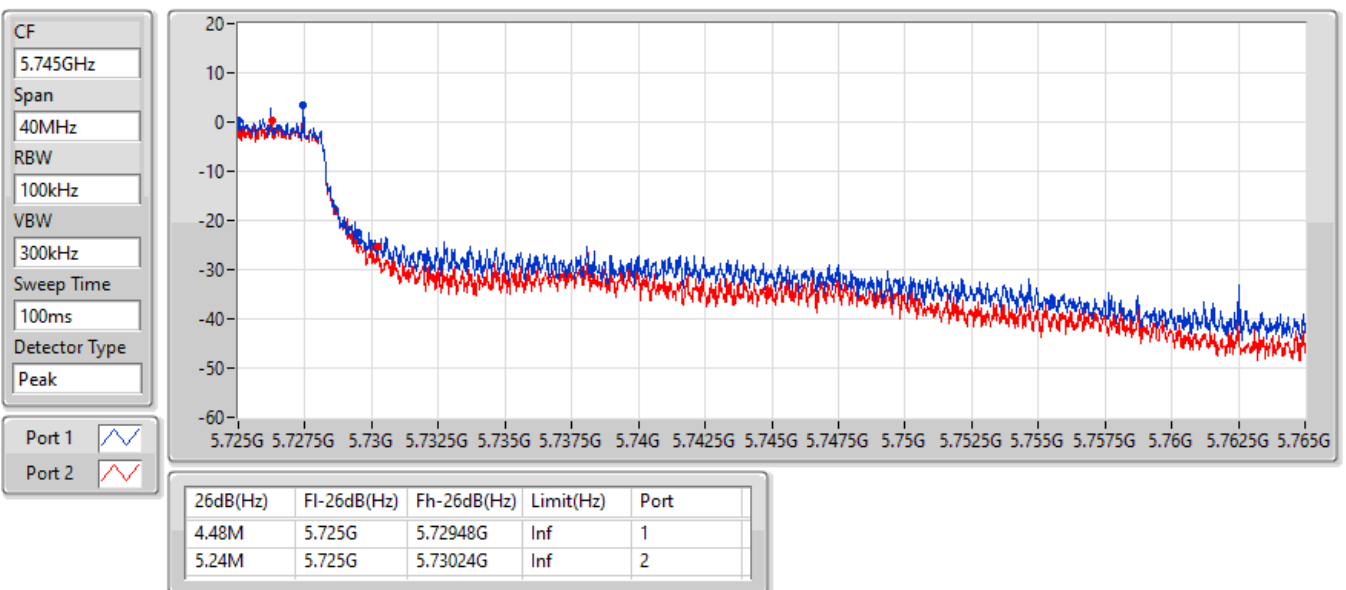


802.11n HT40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

20/05/2022

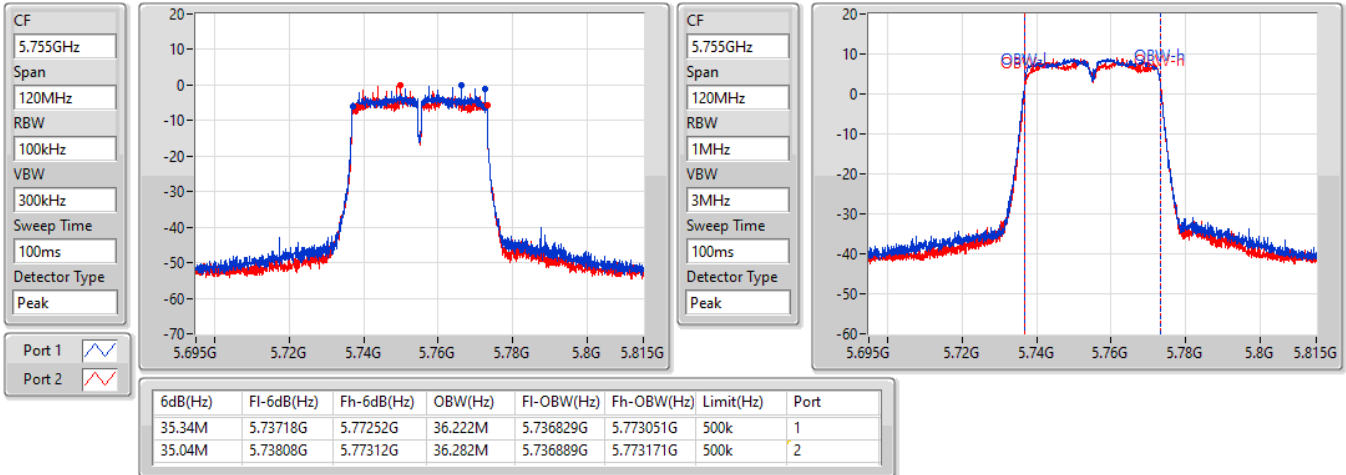


802.11n HT40_Nss1,(MCS0)_2TX

EBW

5755MHz

22/07/2022

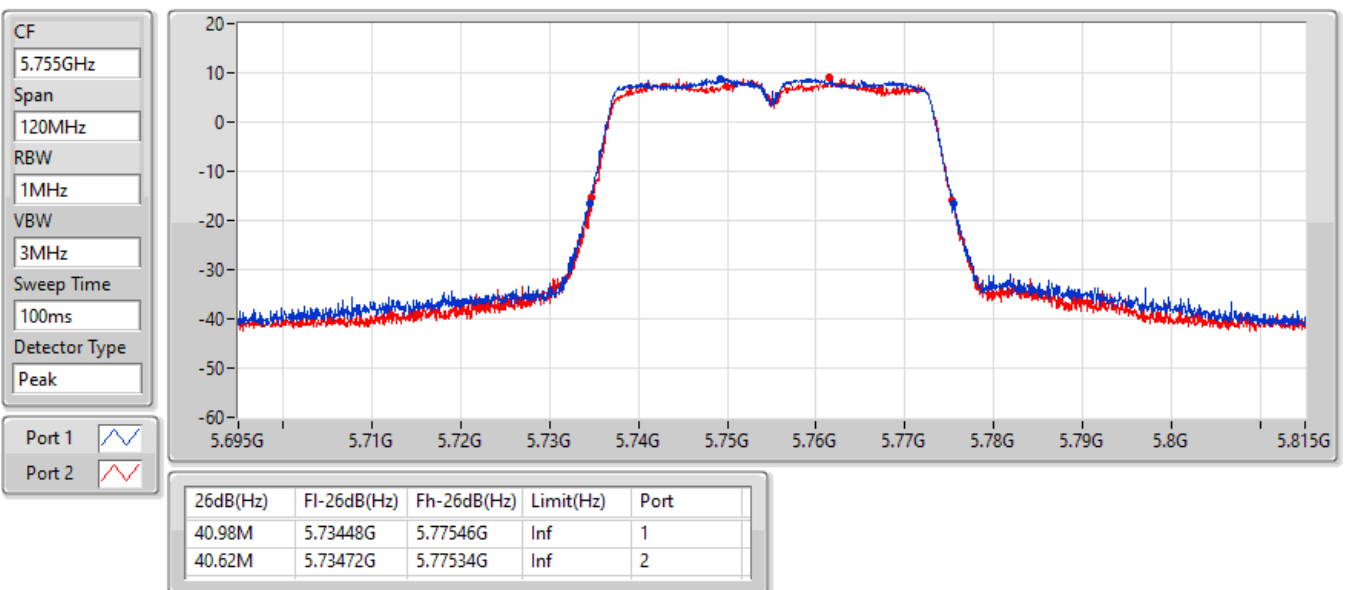


802.11n HT40_Nss1,(MCS0)_2TX

EBW

5755MHz

22/07/2022

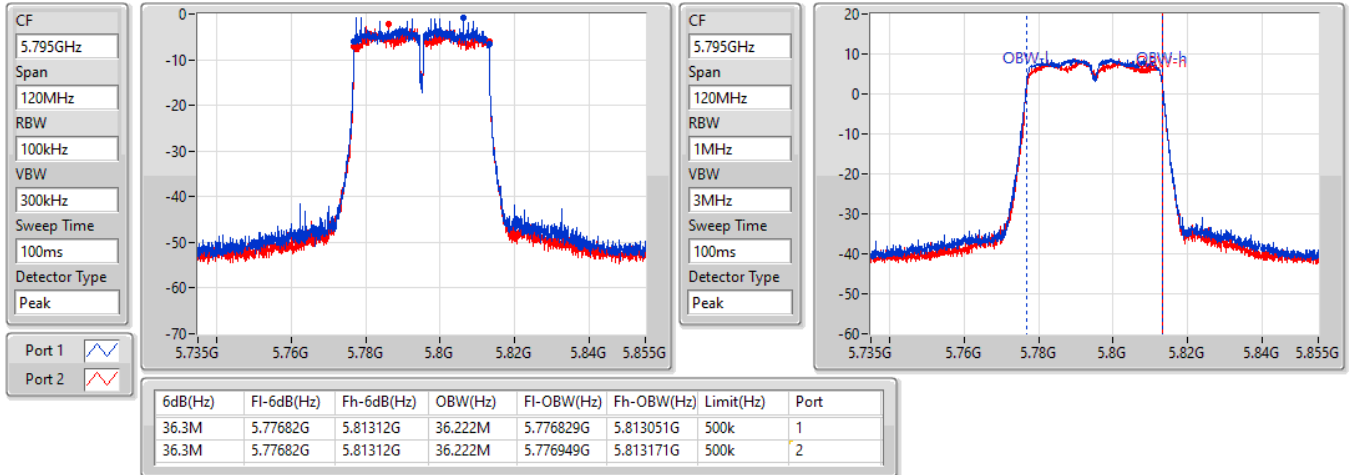


802.11n HT40_Nss1,(MCS0)_2TX

EBW

5795MHz

22/07/2022

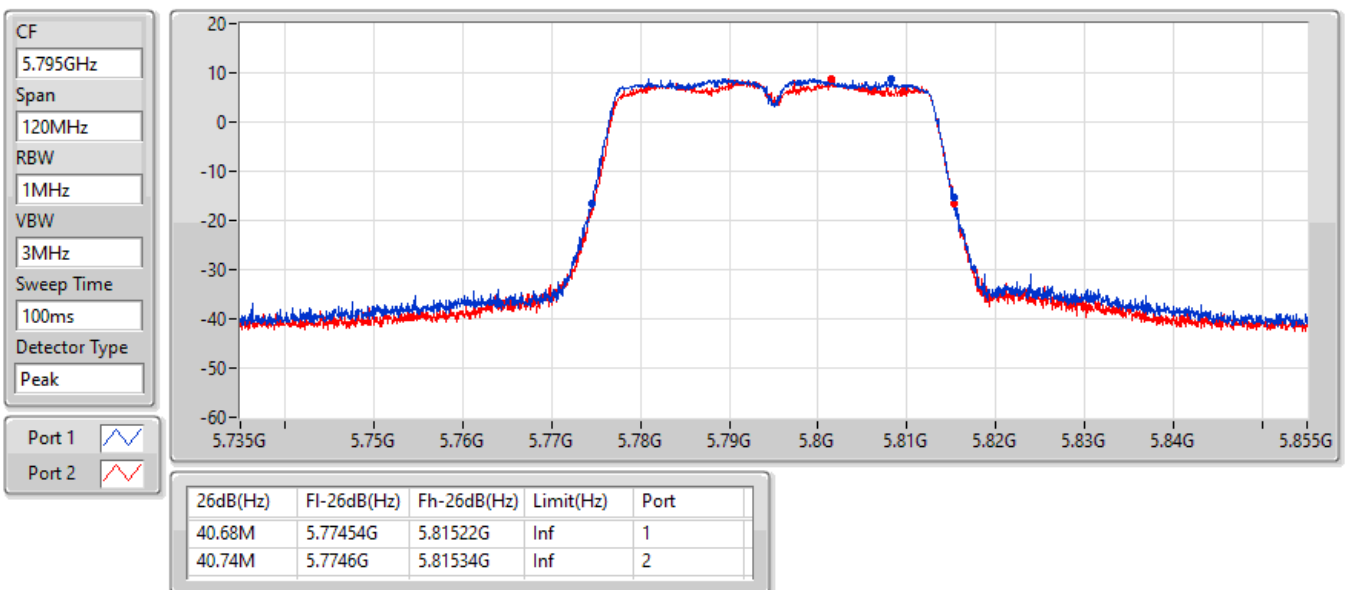


802.11n HT40_Nss1,(MCS0)_2TX

EBW

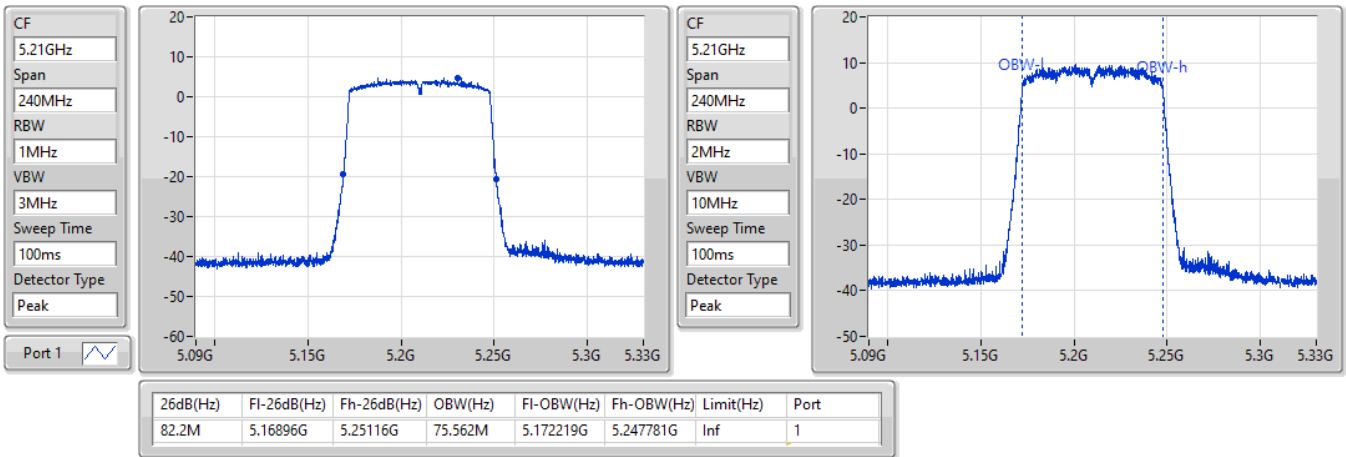
5795MHz

22/07/2022

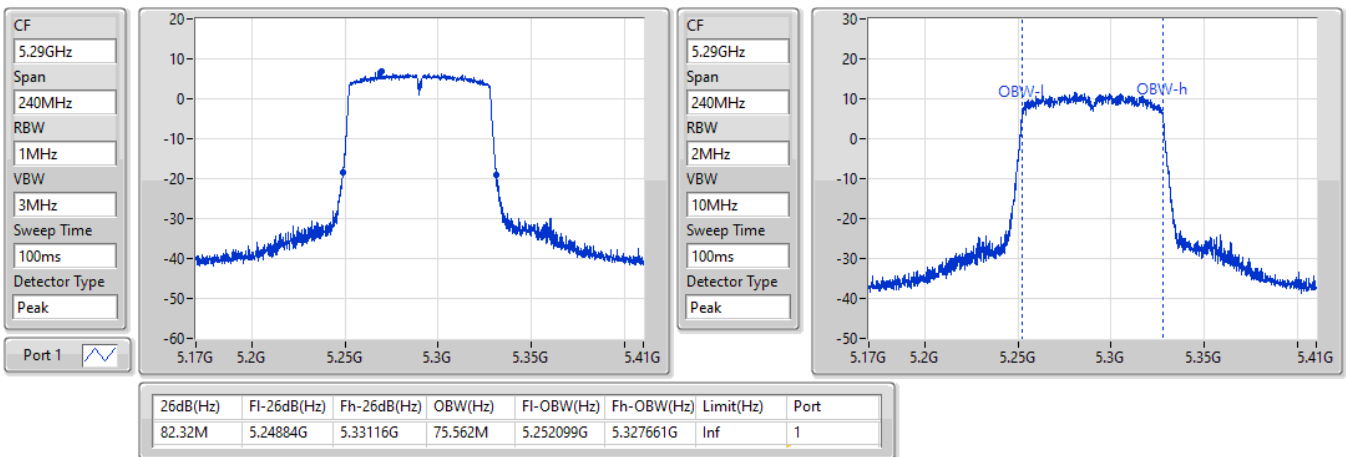


802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)
EBW
5210MHz

22/07/2022


802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)
EBW
5290MHz

20/05/2022

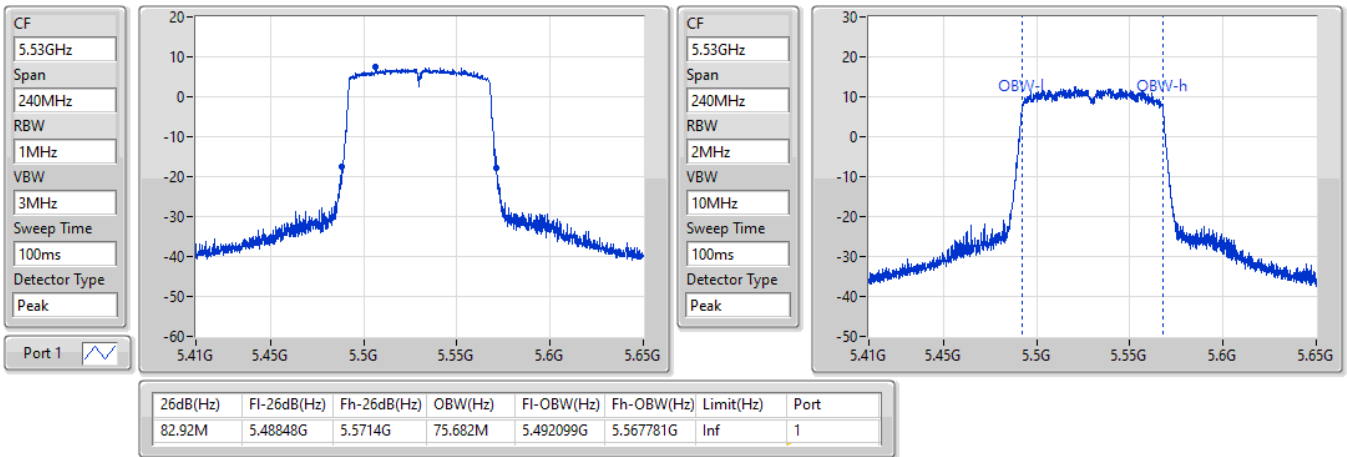


802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)

EBW

5530MHz

20/05/2022

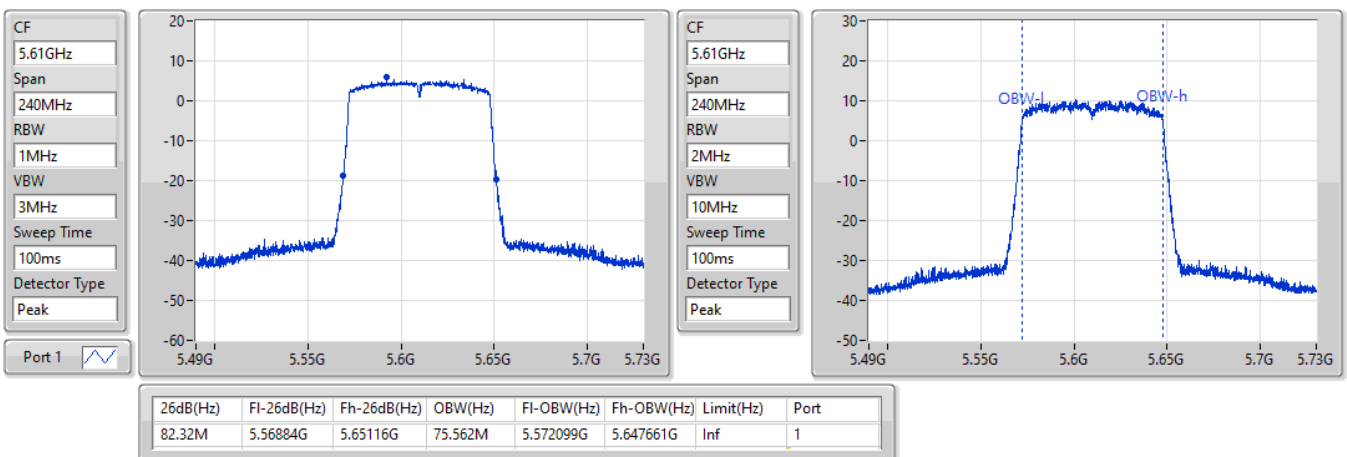


802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)

EBW

5610MHz

22/07/2022

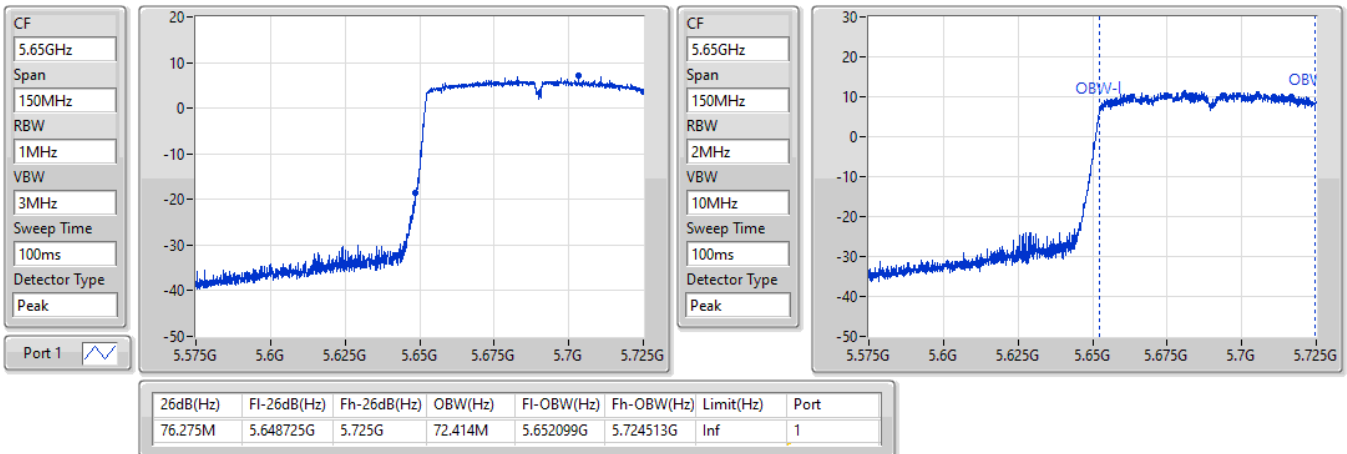


802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)

EBW

5690MHz Straddle 5.47-5.725GHz

20/05/2022

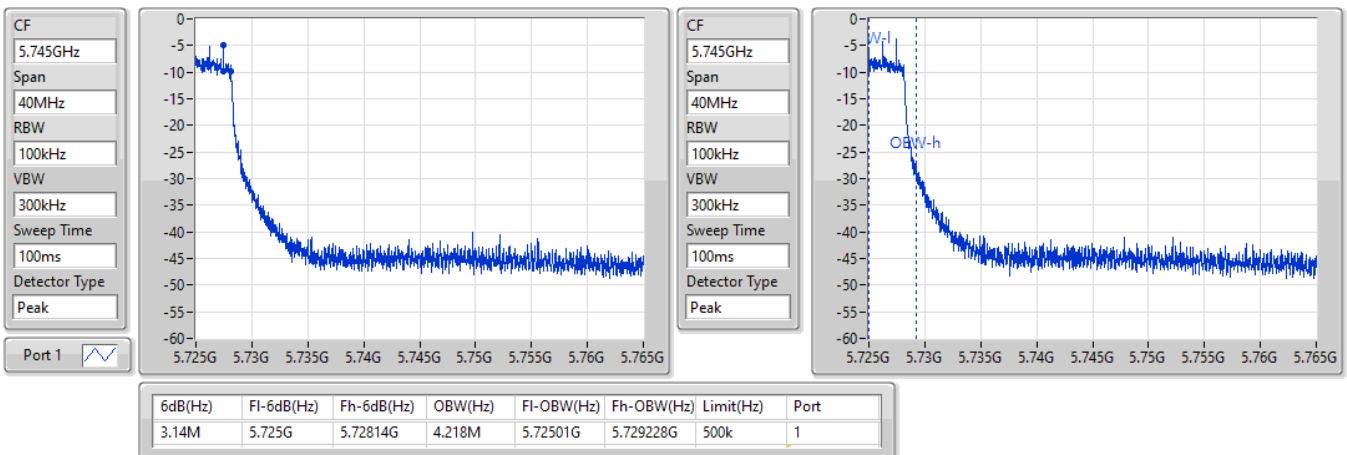


802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)

EBW

5690MHz Straddle 5.725-5.85GHz

20/05/2022

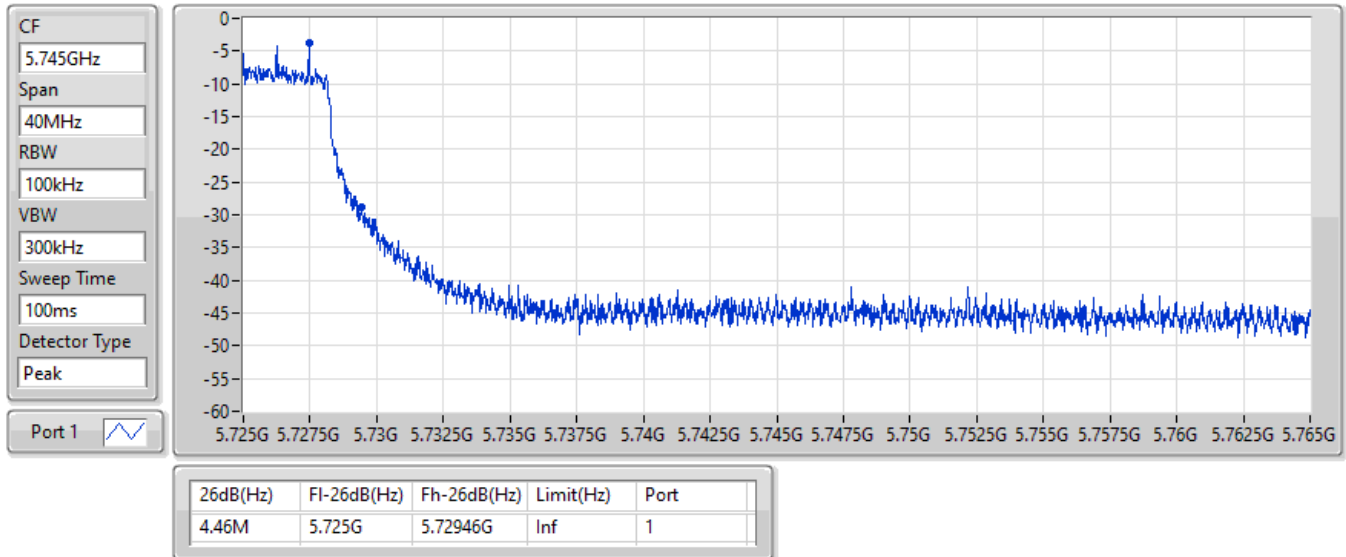


802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)

EBW

5690MHz Straddle 5.725-5.85GHz

20/05/2022

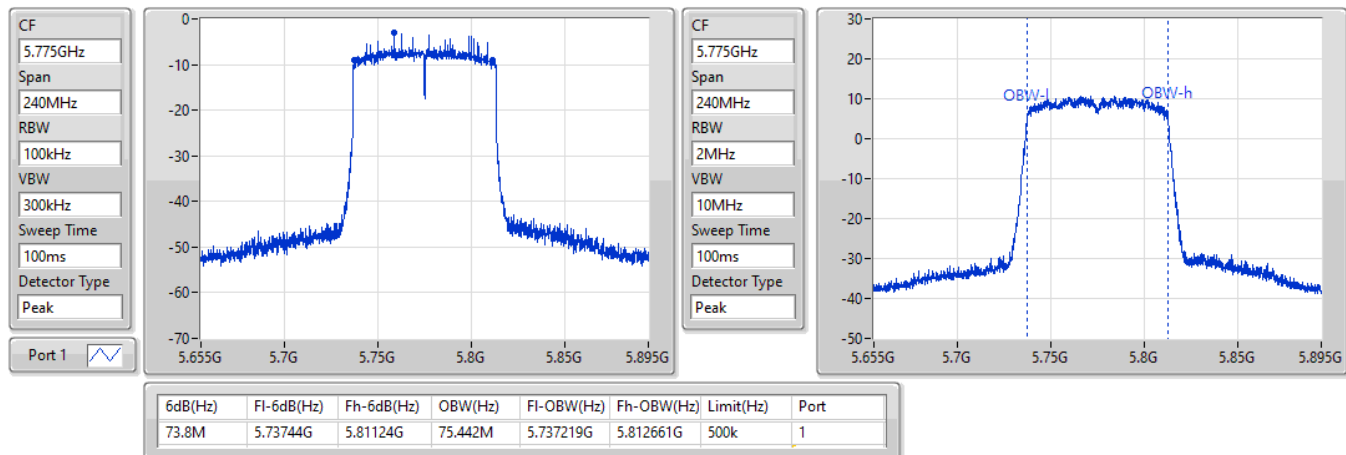


802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)

EBW

5775MHz

22/07/2022

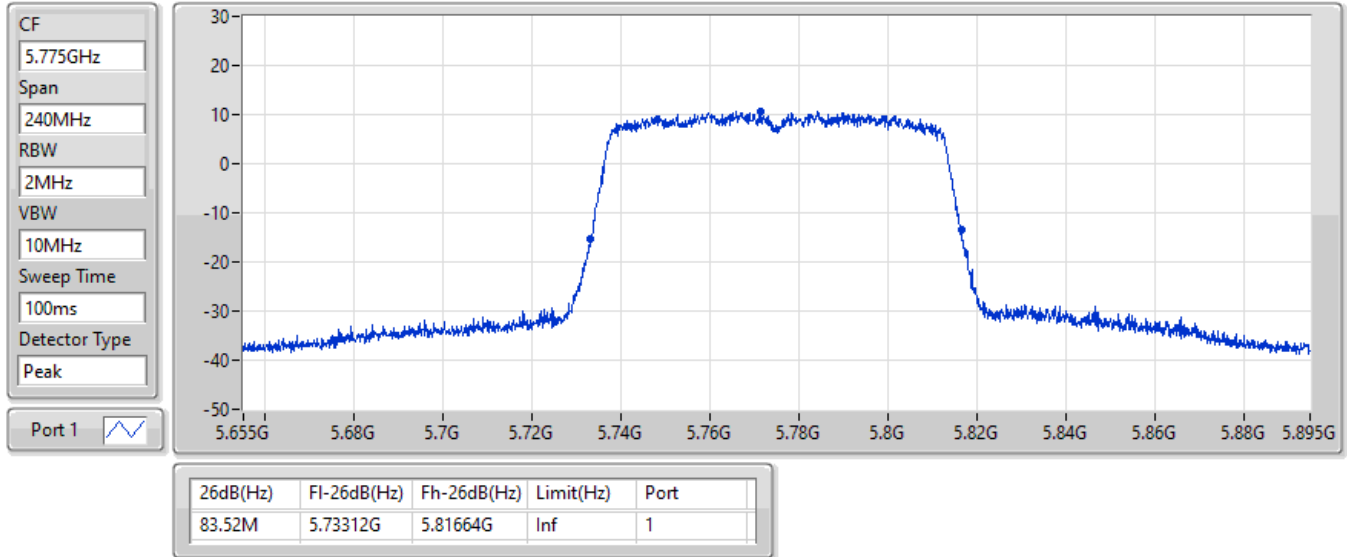


802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)

EBW

5775MHz

22/07/2022

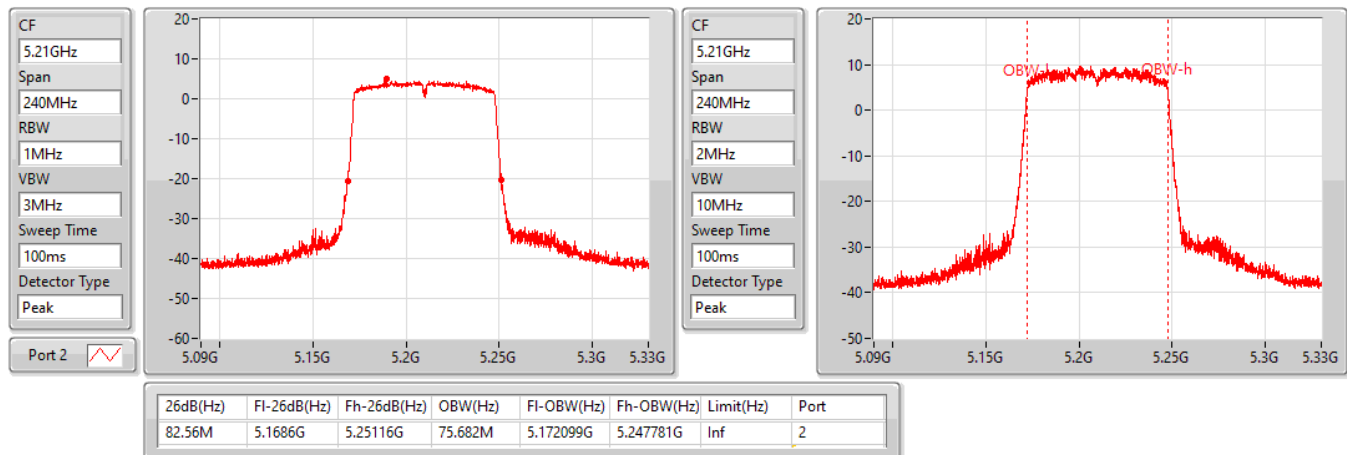


802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)

EBW

5210MHz

20/05/2022

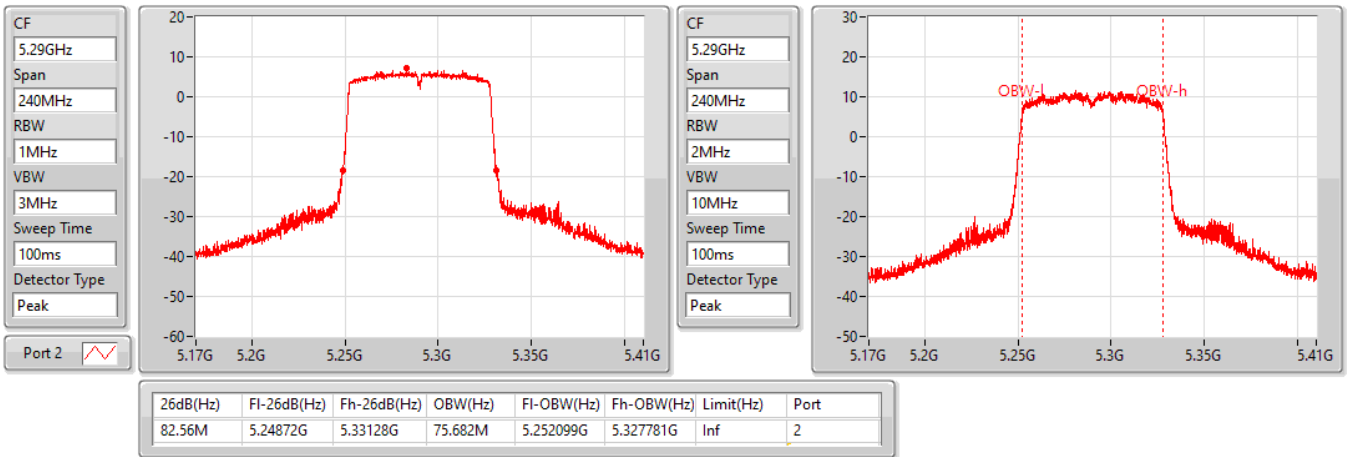


802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)

EBW

5290MHz

20/05/2022

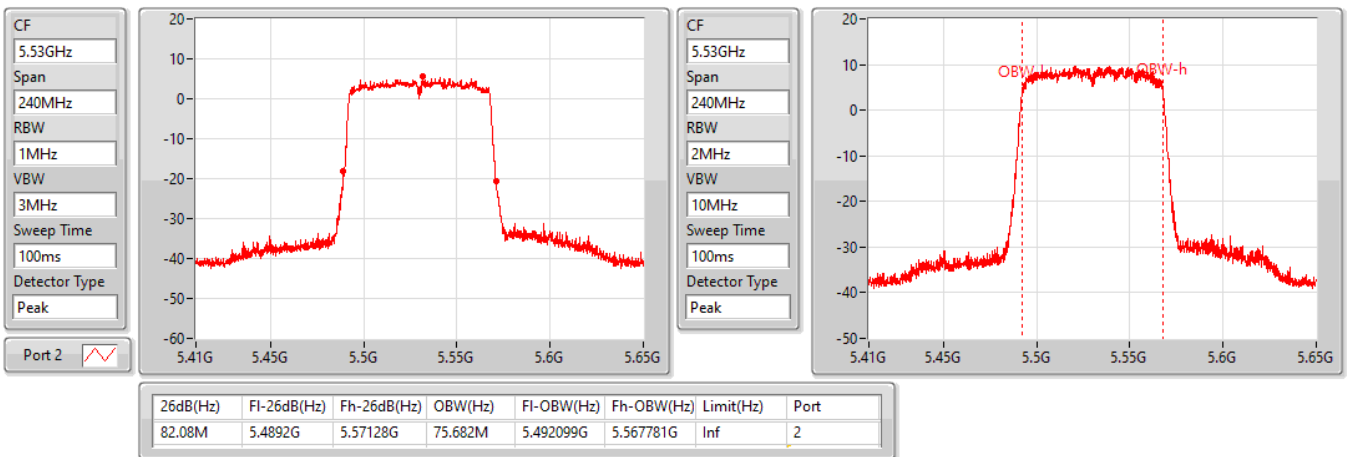


802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)

EBW

5530MHz

22/07/2022

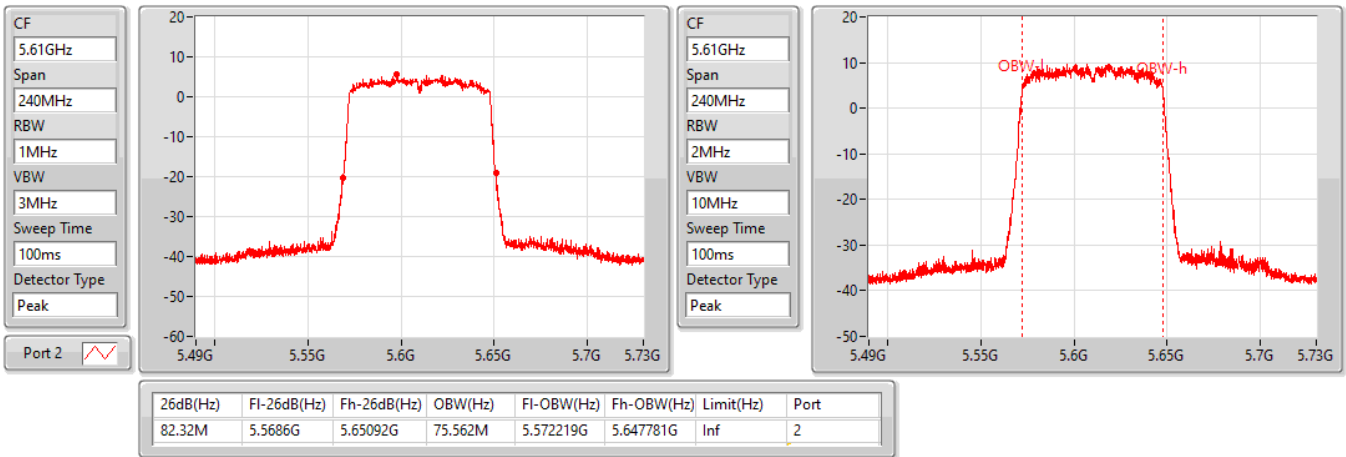


802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)

EBW

5610MHz

22/07/2022

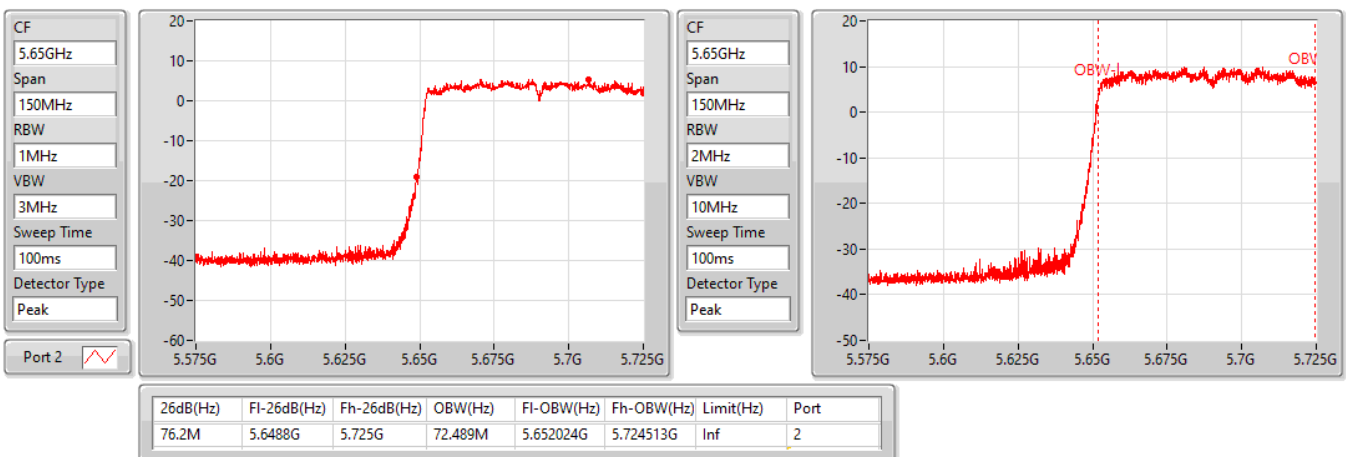


802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)

EBW

5690MHz Straddle 5.47-5.725GHz

22/07/2022

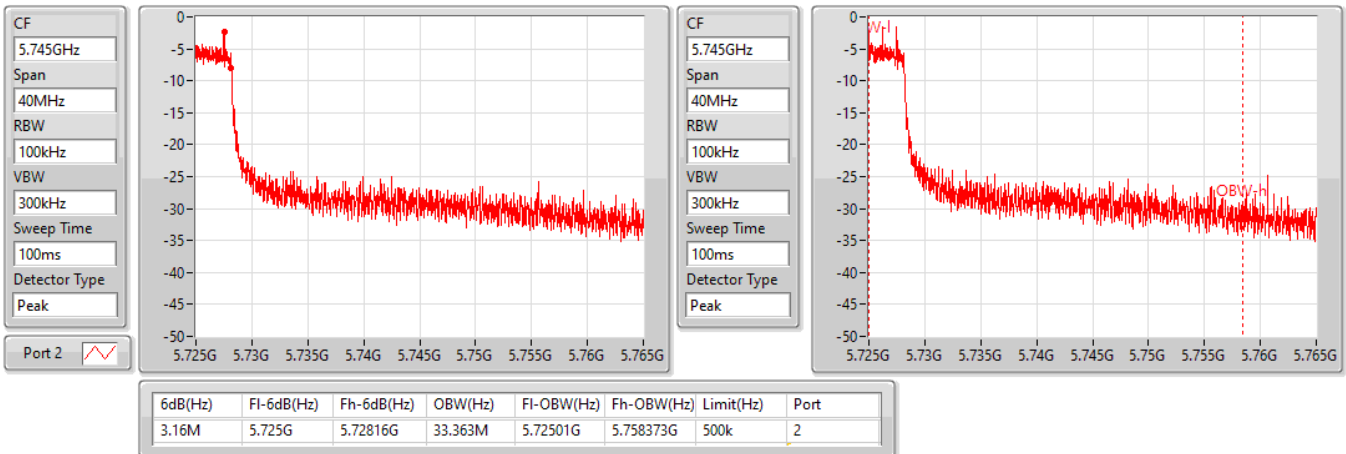


802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)

EBW

5690MHz Straddle 5.725-5.85GHz

20/05/2022

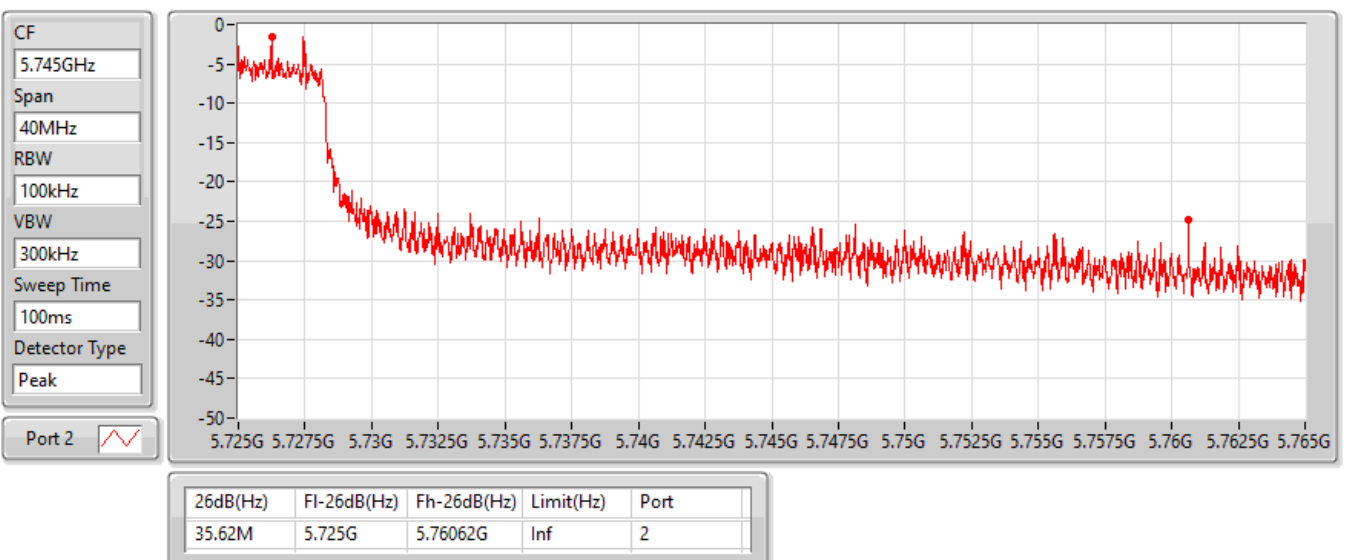


802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)

EBW

5690MHz Straddle 5.725-5.85GHz

20/05/2022

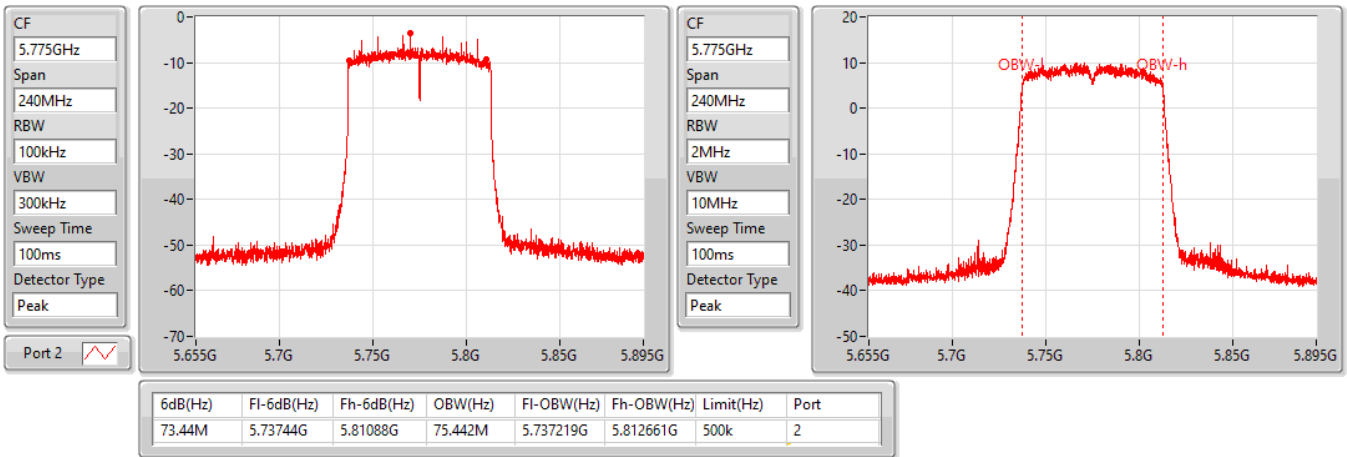


802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)

EBW

5775MHz

22/07/2022

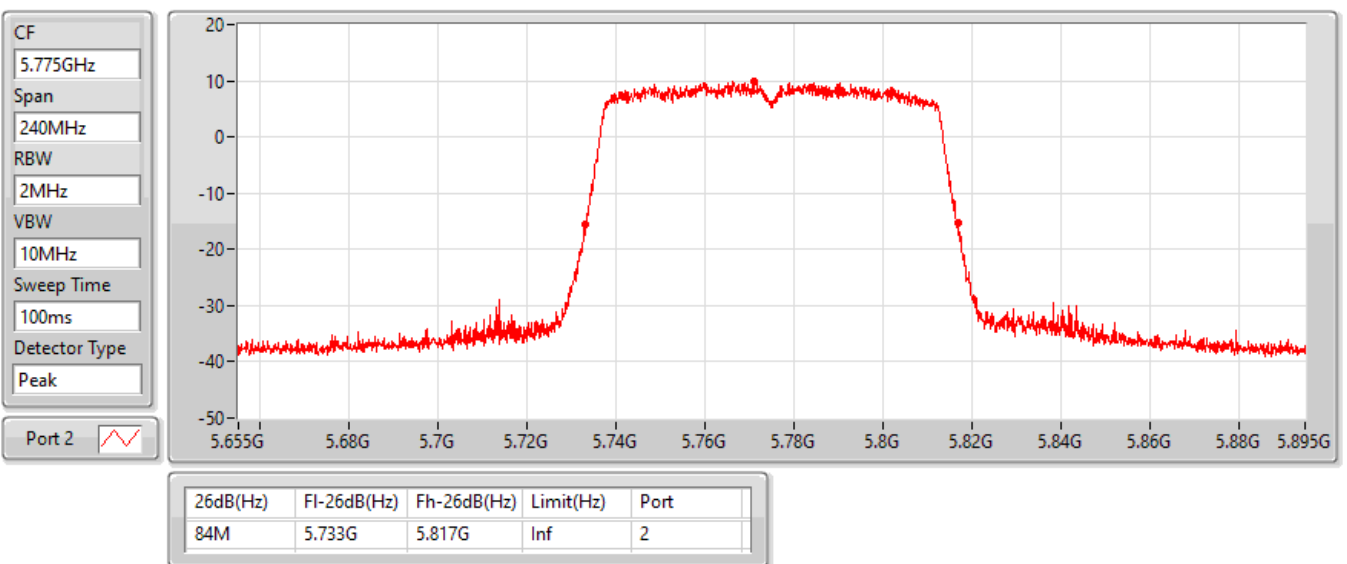


802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)

EBW

5775MHz

22/07/2022

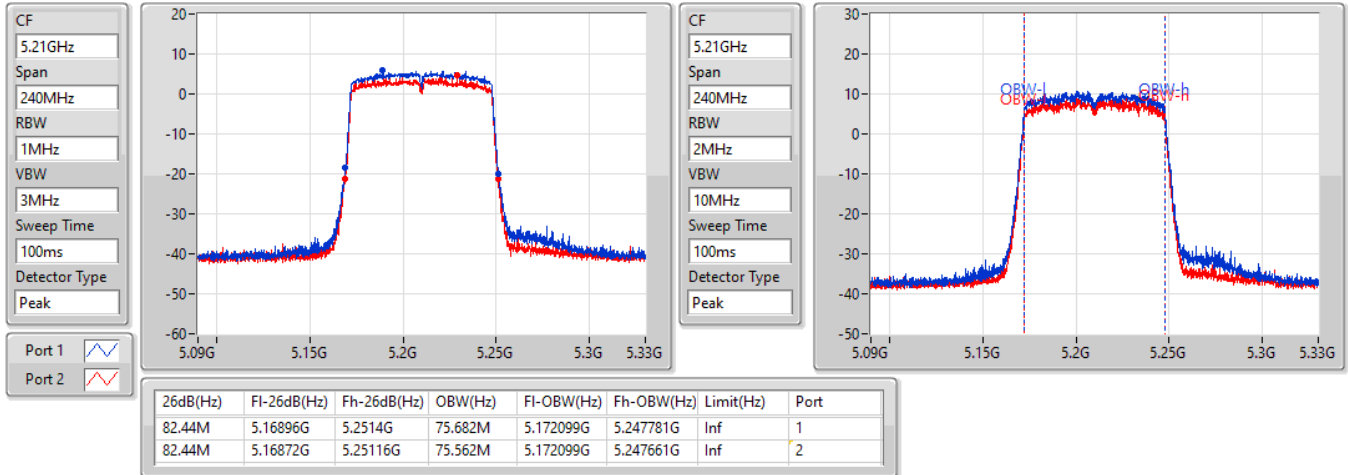


802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5210MHz

20/05/2022

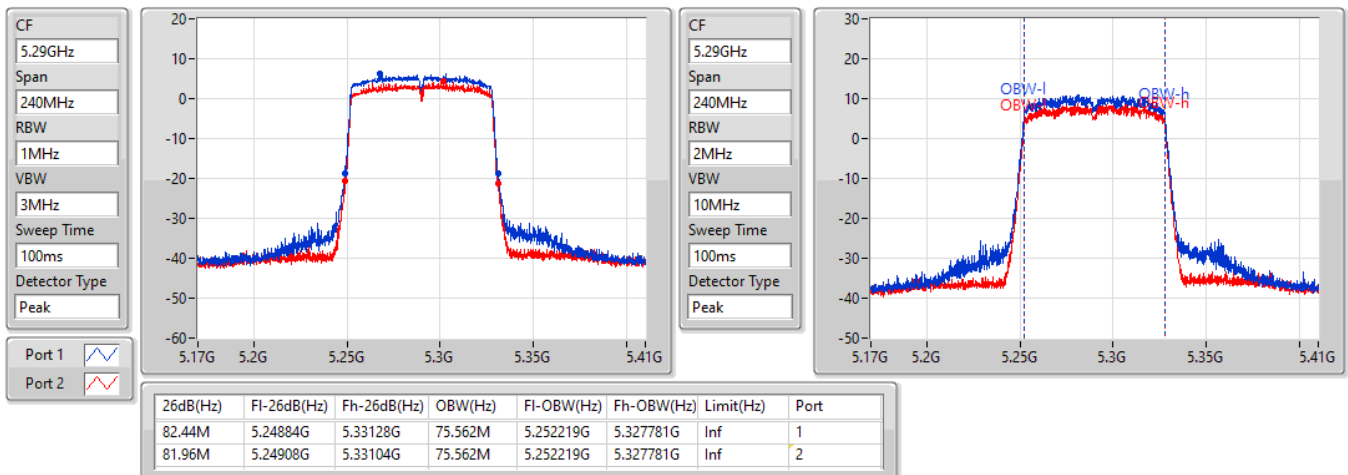


802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

20/05/2022

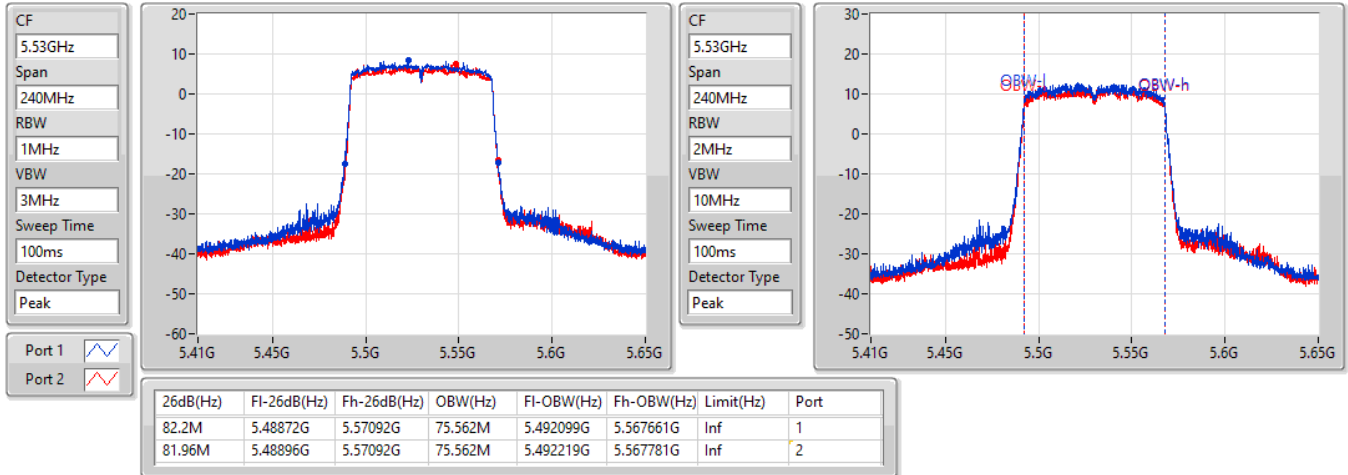


802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5530MHz

20/05/2022

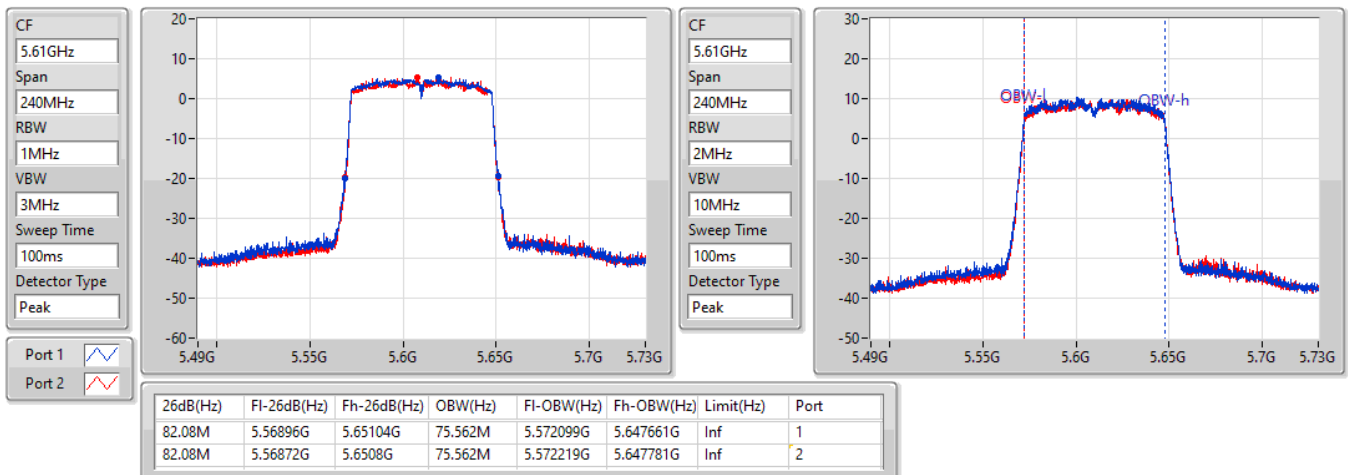


802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5610MHz

22/07/2022

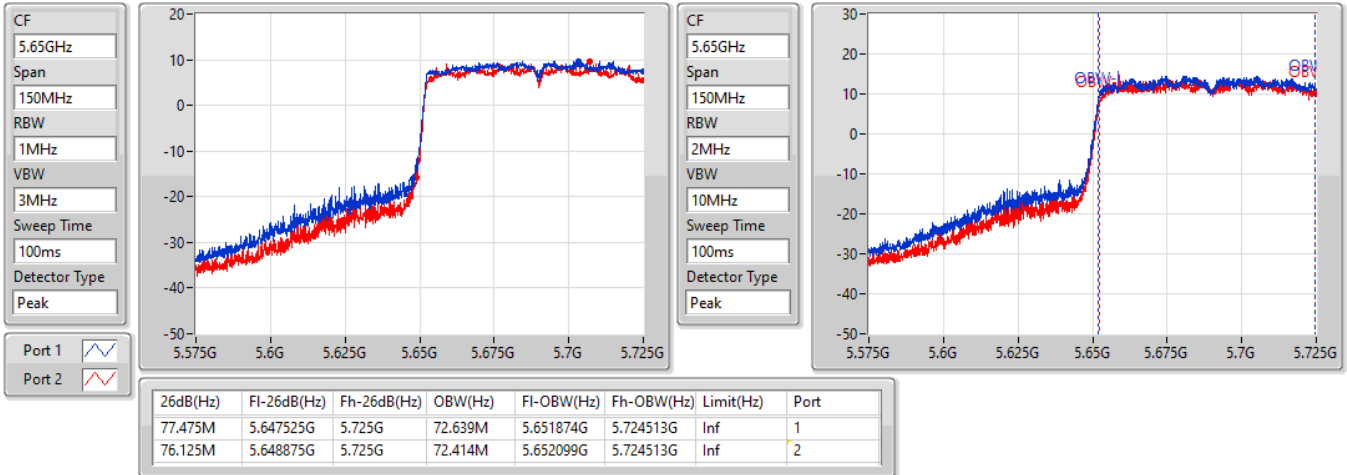


802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

20/05/2022

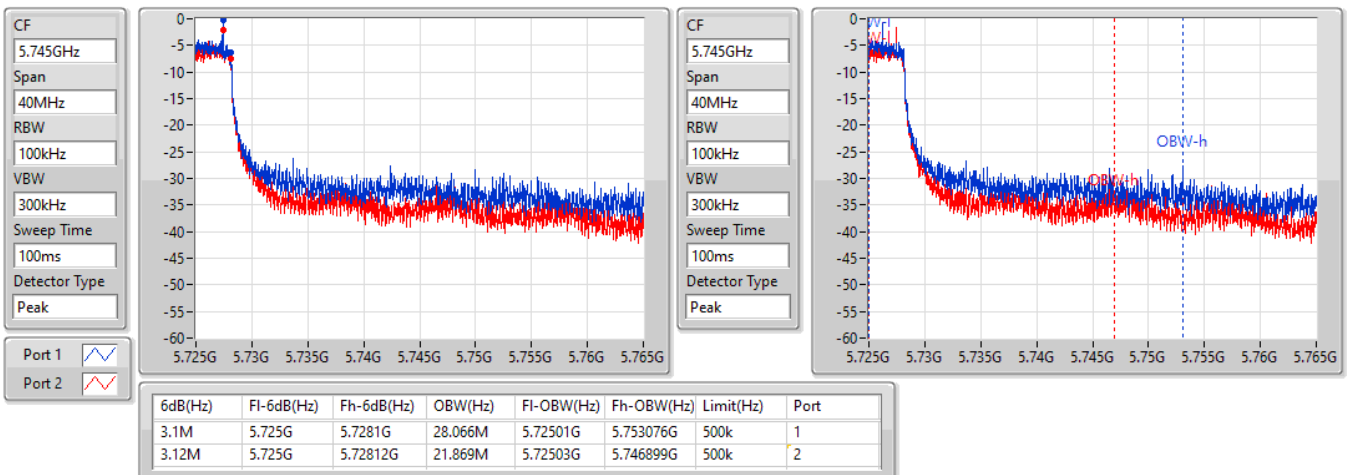


802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

20/05/2022

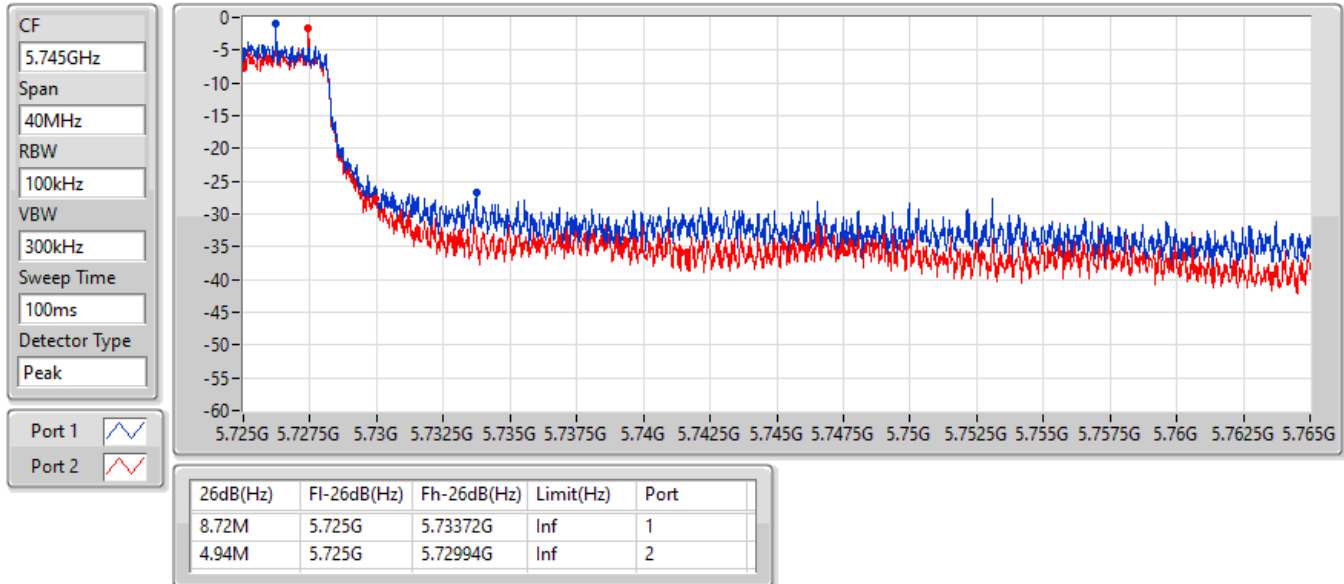


802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

20/05/2022

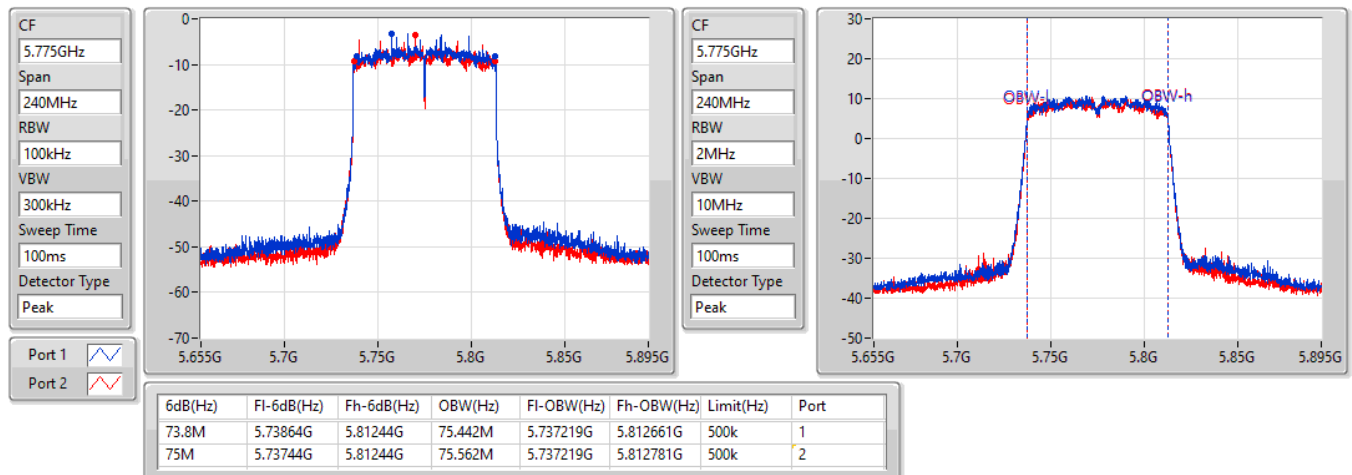


802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

22/07/2022

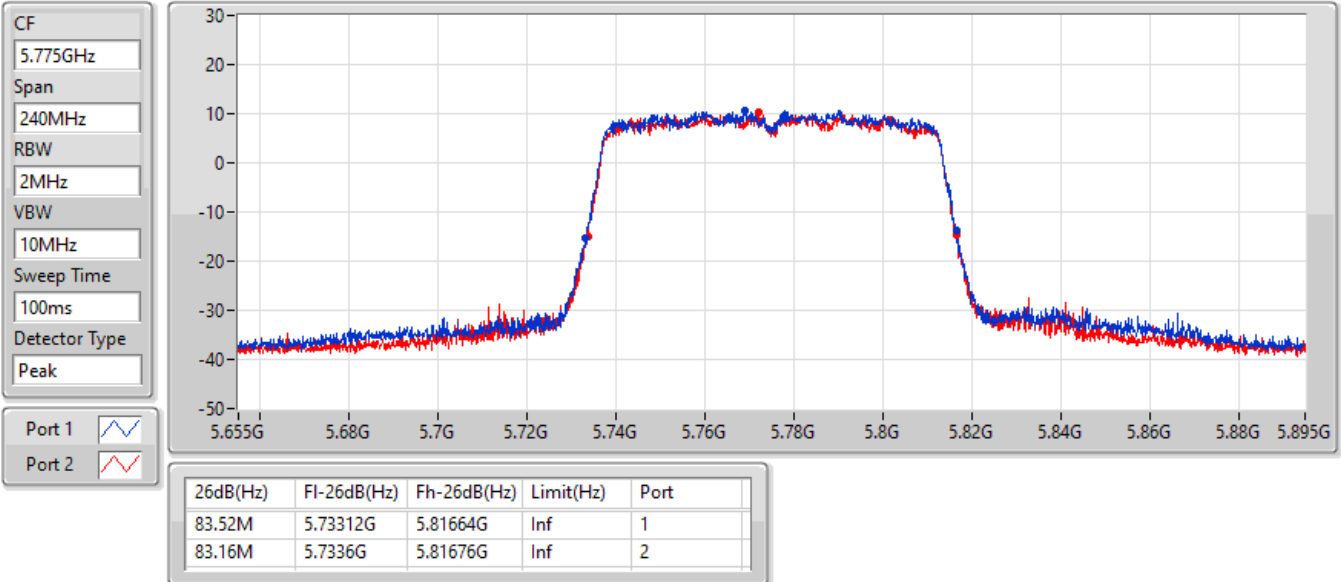


802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

22/07/2022

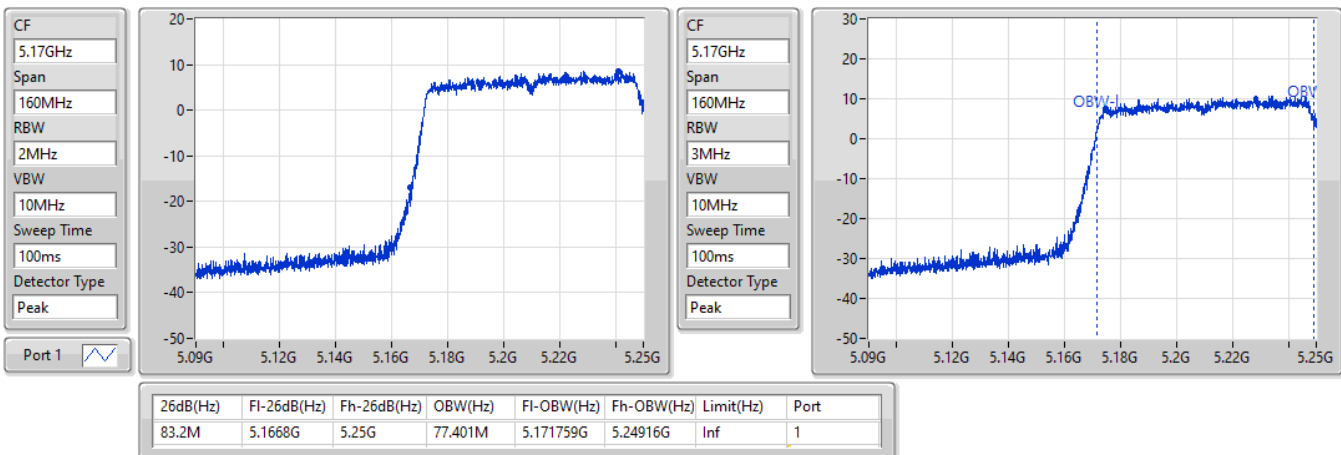


802.11ac VHT160_Nss1,(MCS0)_1TX(Port1)

EBW

5250MHz Straddle 5.15-5.25GHz

20/05/2022

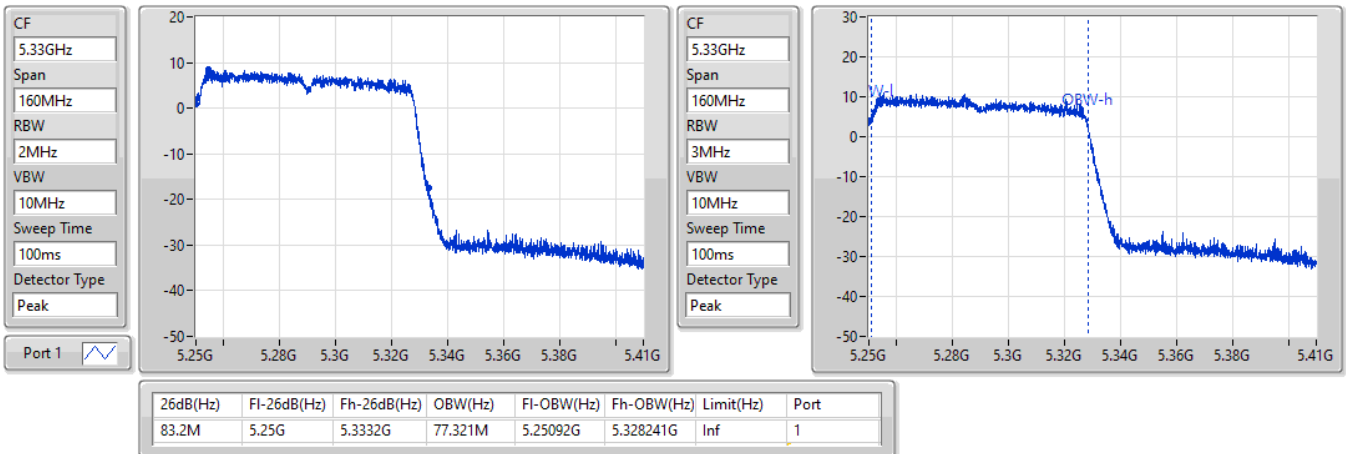


802.11ac VHT160_Nss1,(MCS0)_1TX(Port1)

EBW

5250MHz Straddle 5.25-5.35GHz

20/05/2022

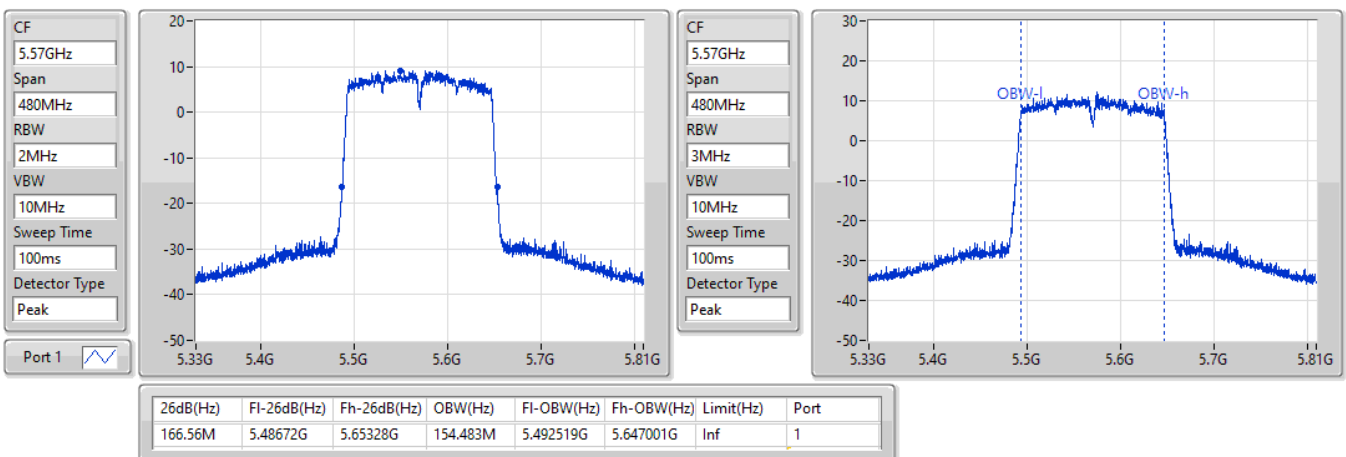


802.11ac VHT160_Nss1,(MCS0)_1TX(Port1)

EBW

5570MHz

20/05/2022

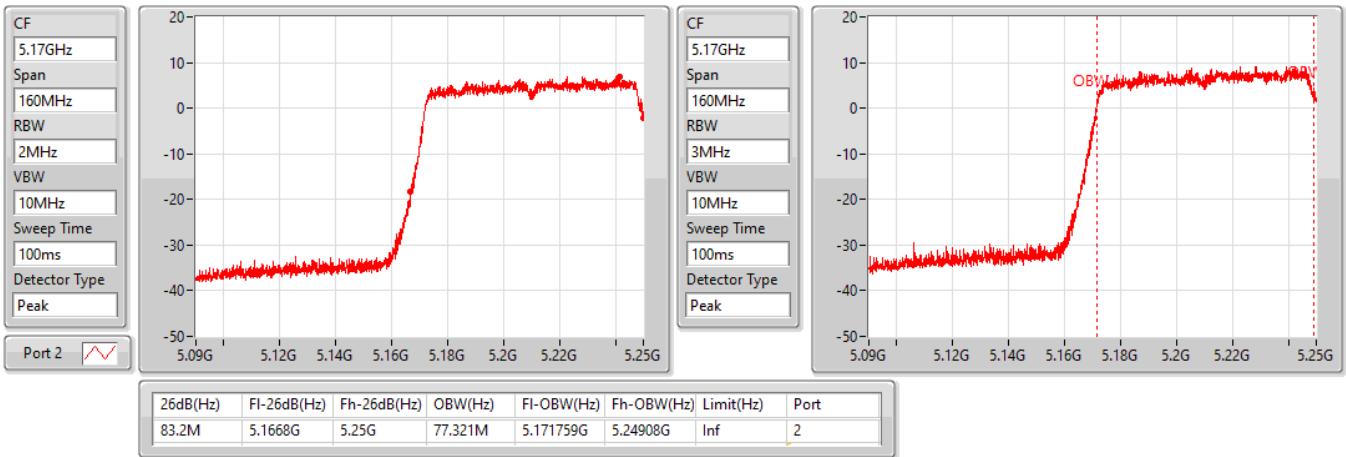


802.11ac VHT160_Nss1,(MCS0)_1TX(Port2)

EBW

5250MHz Straddle 5.15-5.25GHz

20/05/2022

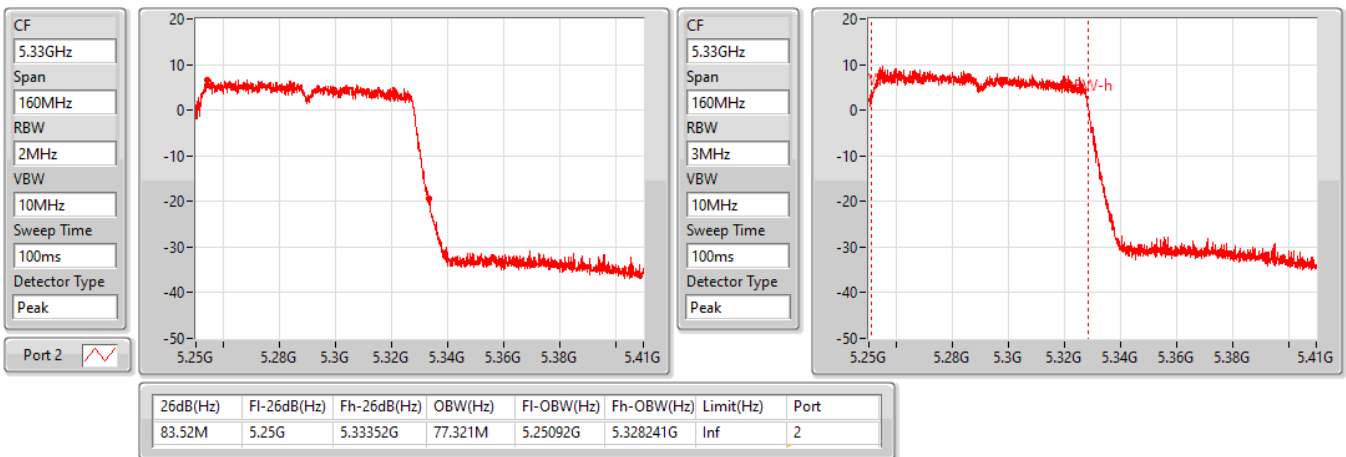


802.11ac VHT160_Nss1,(MCS0)_1TX(Port2)

EBW

5250MHz Straddle 5.25-5.35GHz

20/05/2022

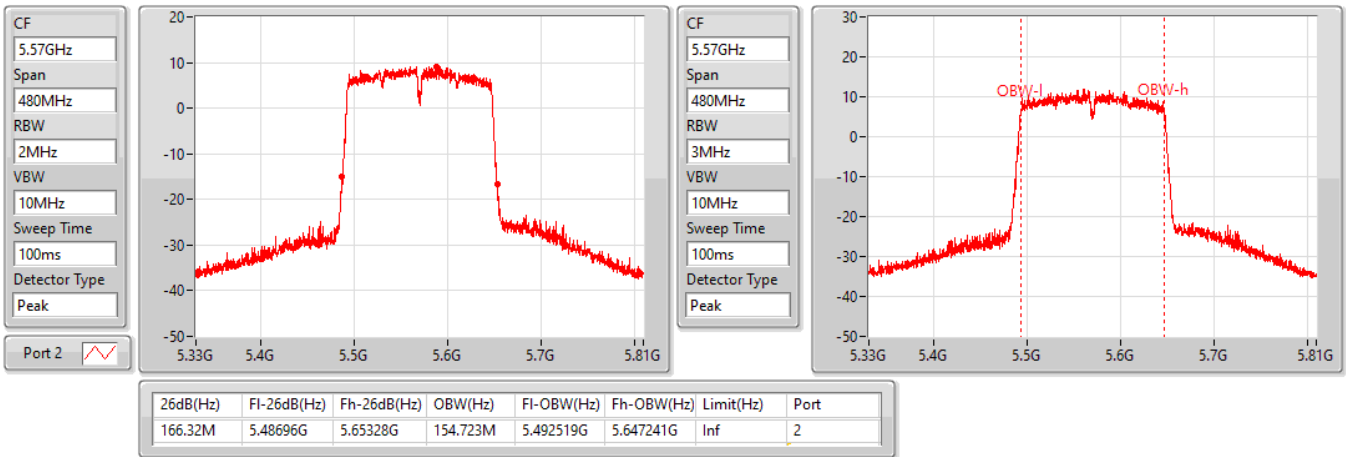


802.11ac VHT160_Nss1,(MCS0)_1TX(Port2)

EBW

5570MHz

20/05/2022

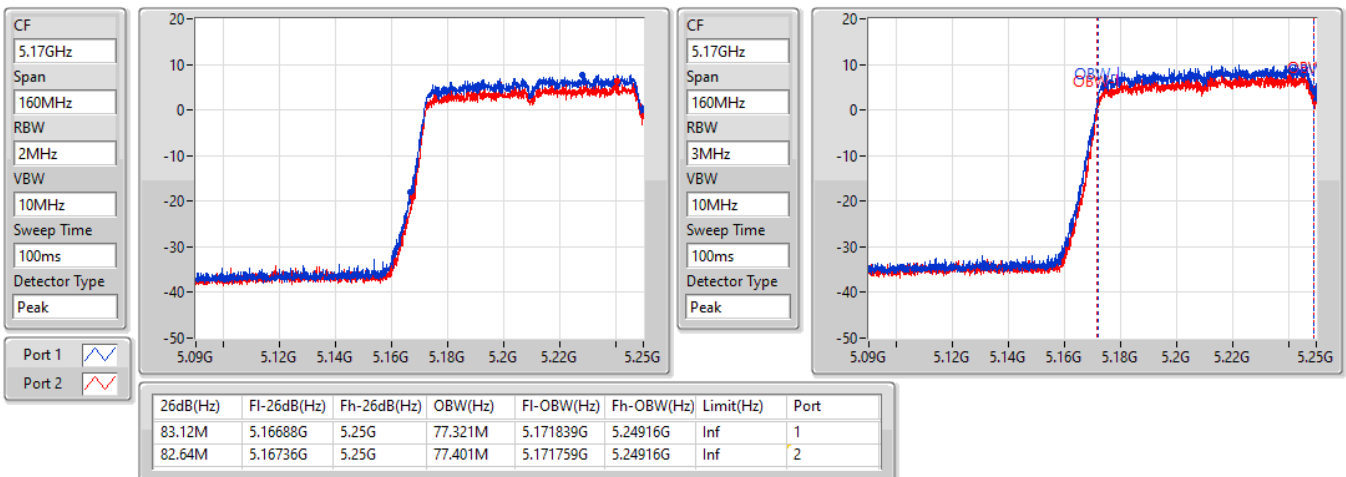


802.11ac VHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

20/05/2022

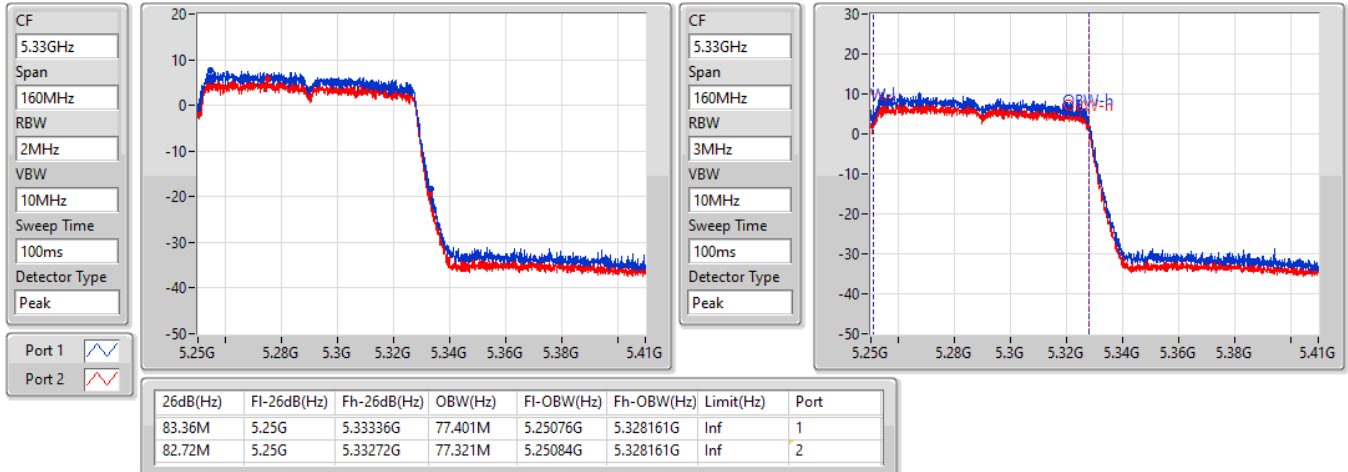


802.11ac VHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

20/05/2022

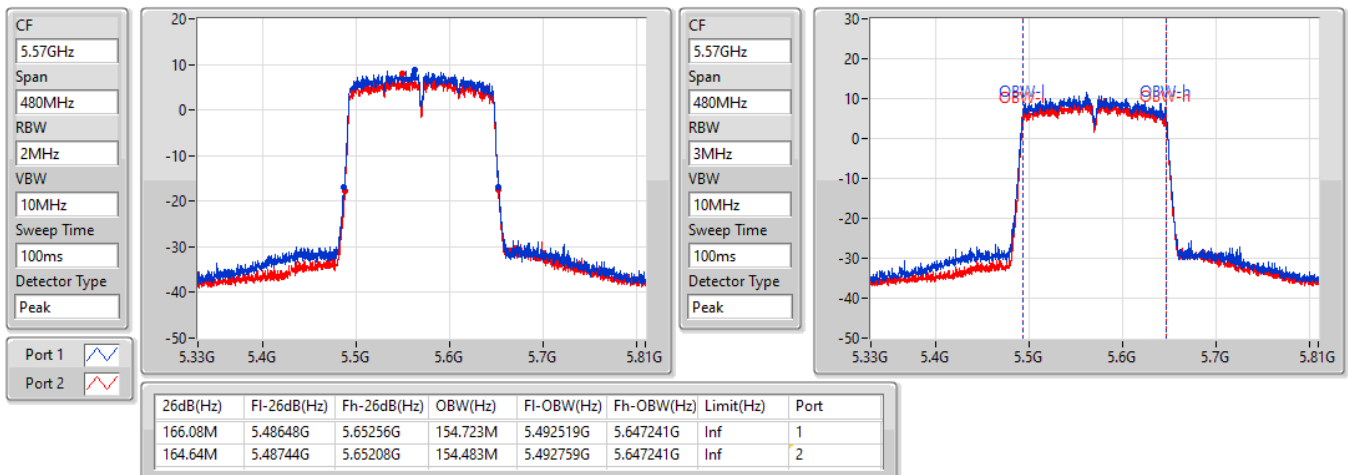


802.11ac VHT160_Nss1,(MCS0)_2TX

EBW

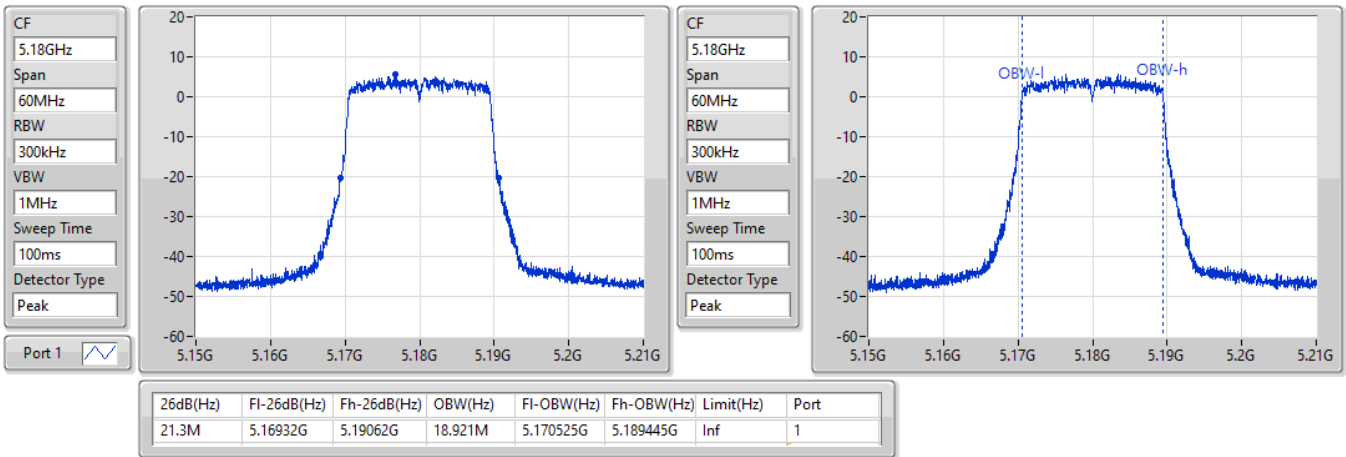
5570MHz

20/05/2022

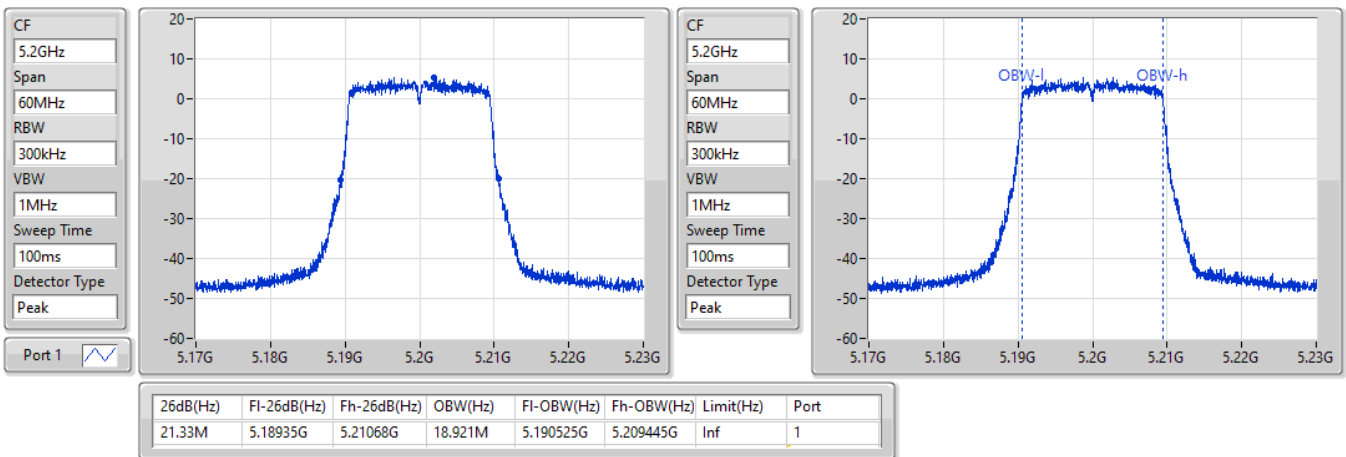


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)
EBW
5180MHz

30/04/2022

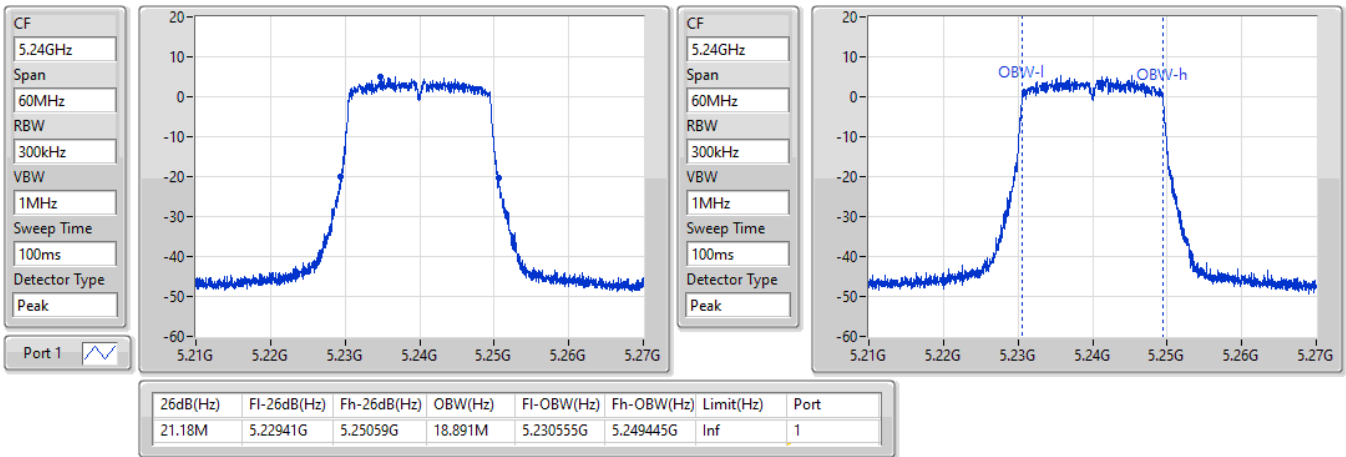

802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)
EBW
5200MHz

30/04/2022

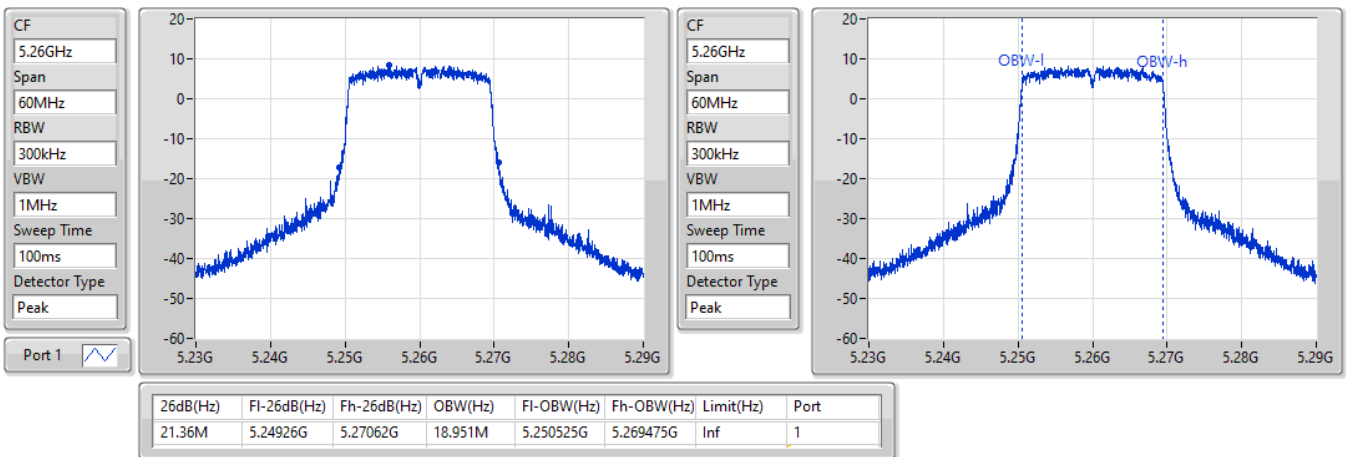


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)
EBW
5240MHz

30/04/2022

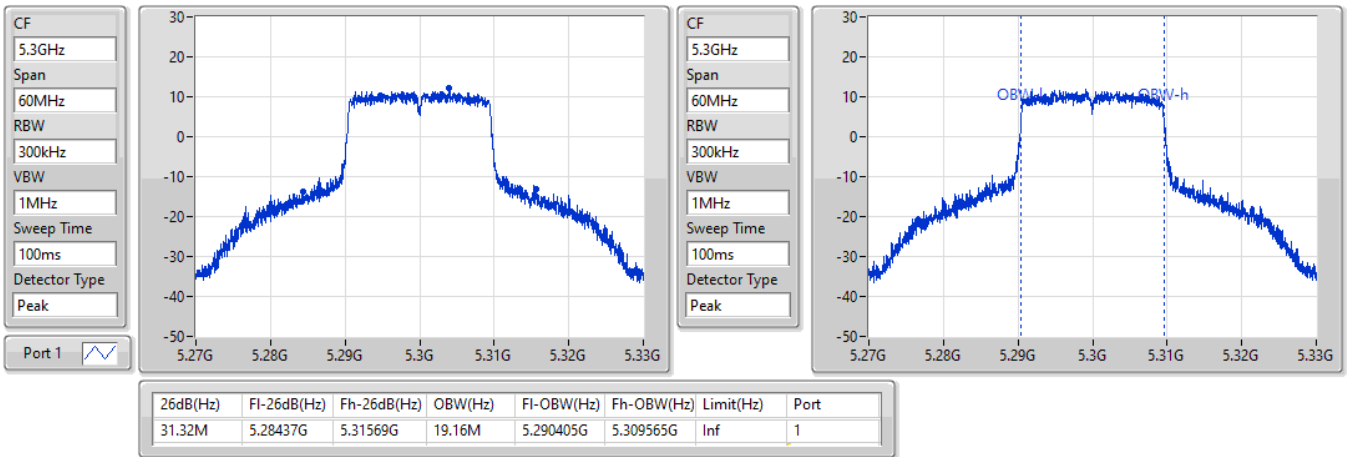

802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)
EBW
5260MHz

30/04/2022

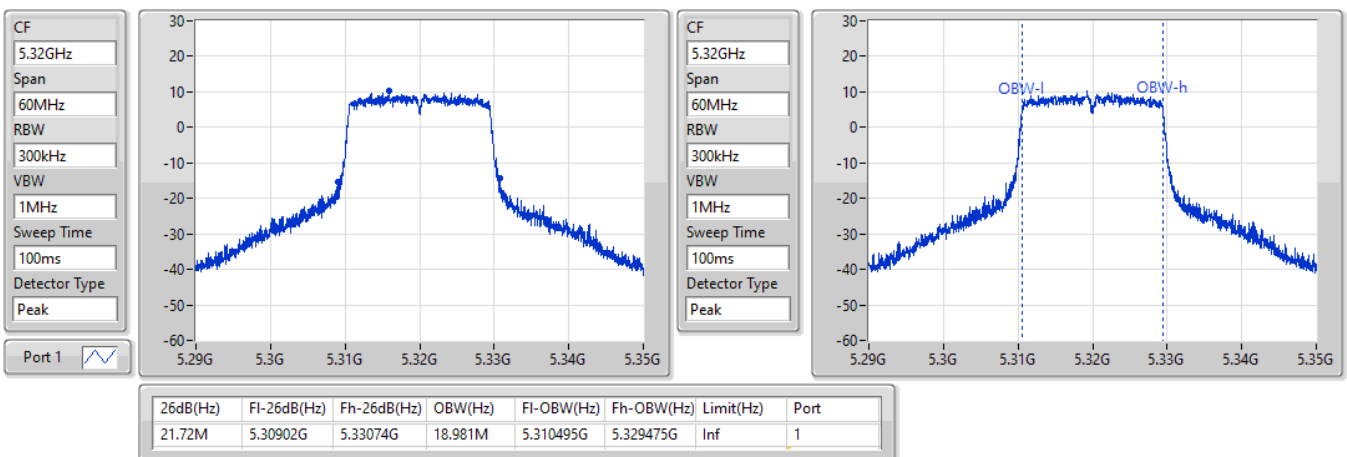


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)
EBW
5300MHz

03/05/2022

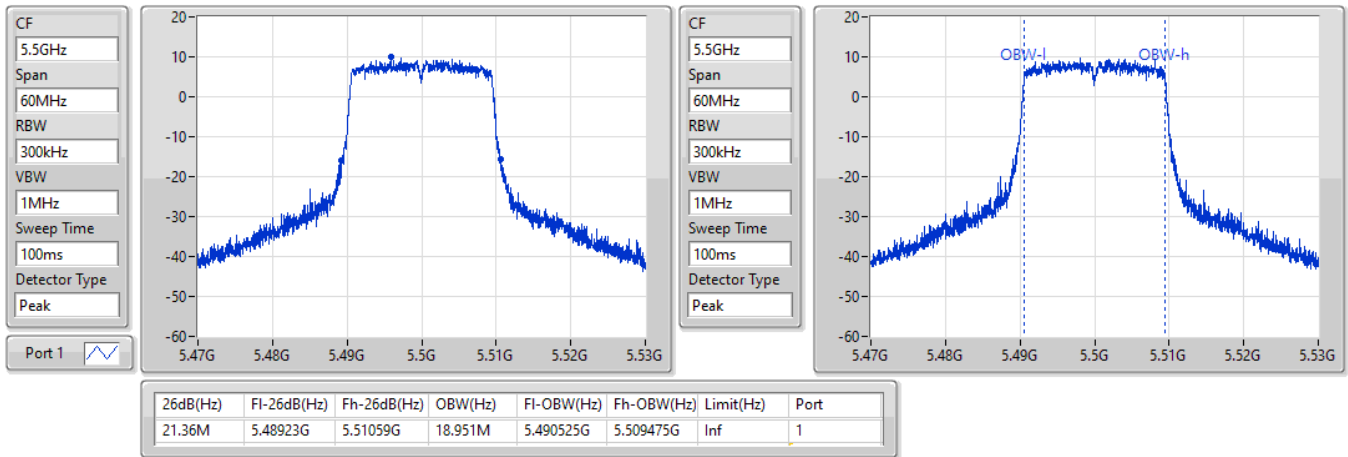

802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)
EBW
5320MHz

30/04/2022

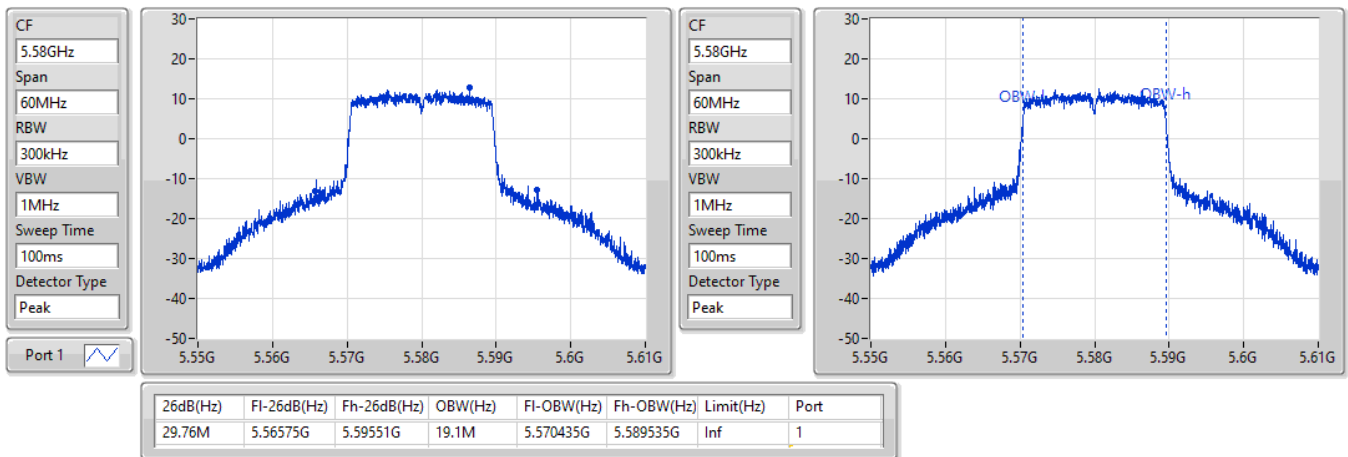


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)
EBW
5500MHz

30/04/2022

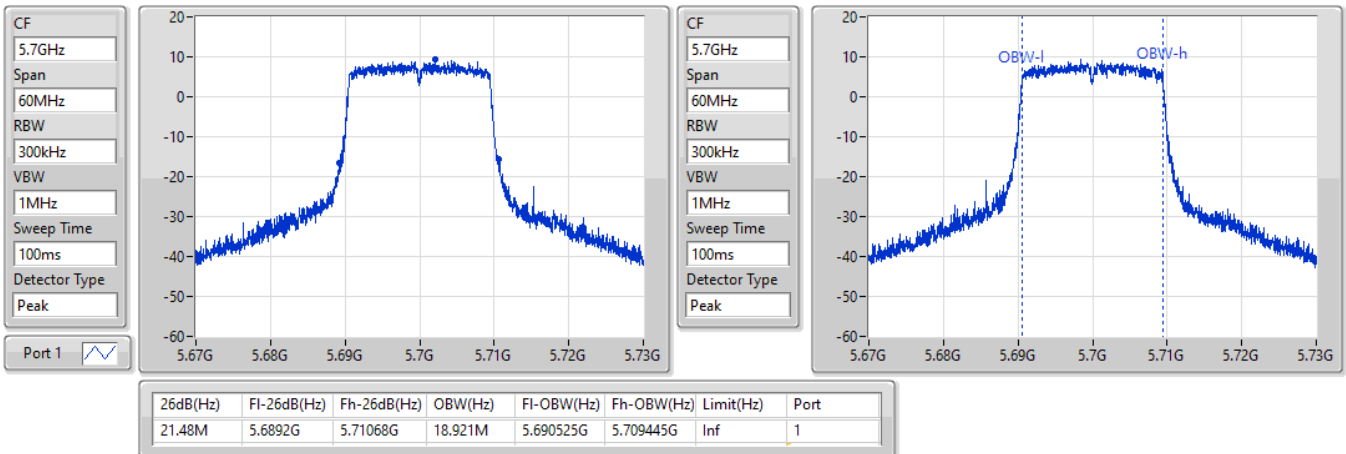

802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)
EBW
5580MHz

30/04/2022

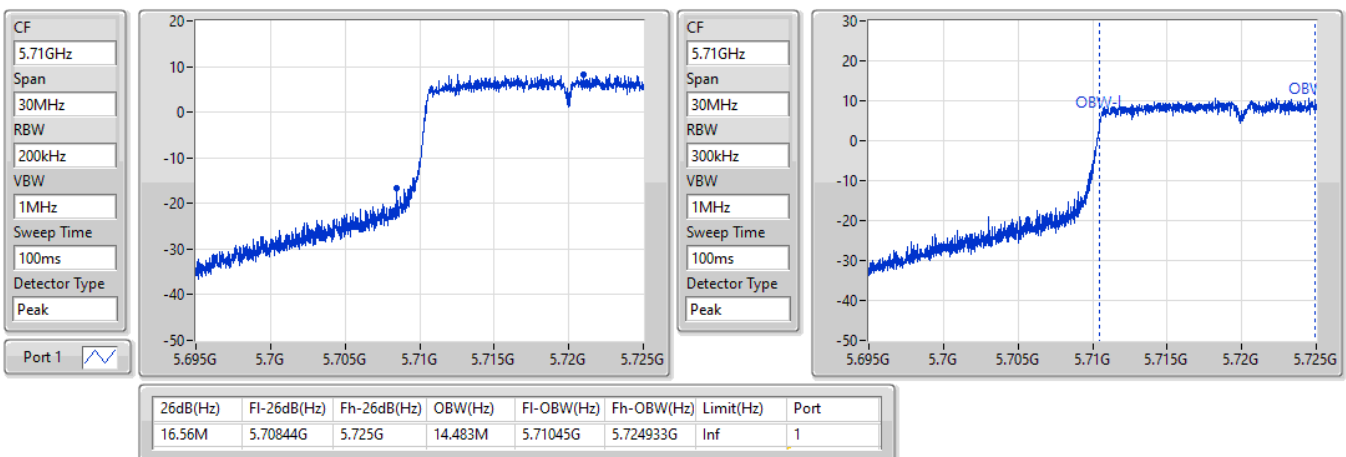


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)
EBW
5700MHz

30/04/2022


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)
EBW
5720MHz Straddle 5.67-5.725GHz

30/04/2022

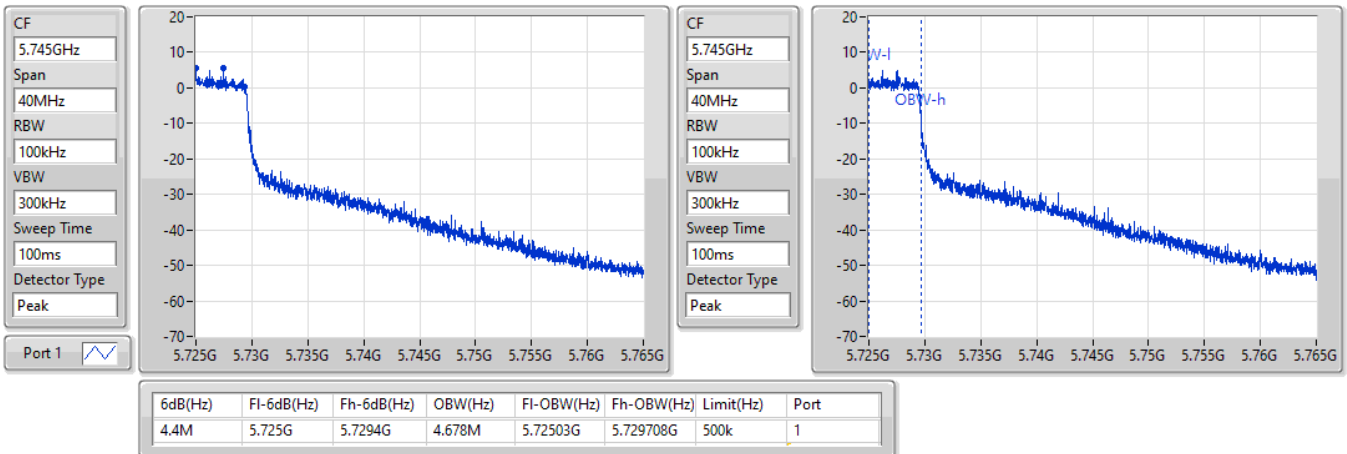


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)

EBW

5720MHz Straddle 5.725-5.85GHz

30/04/2022

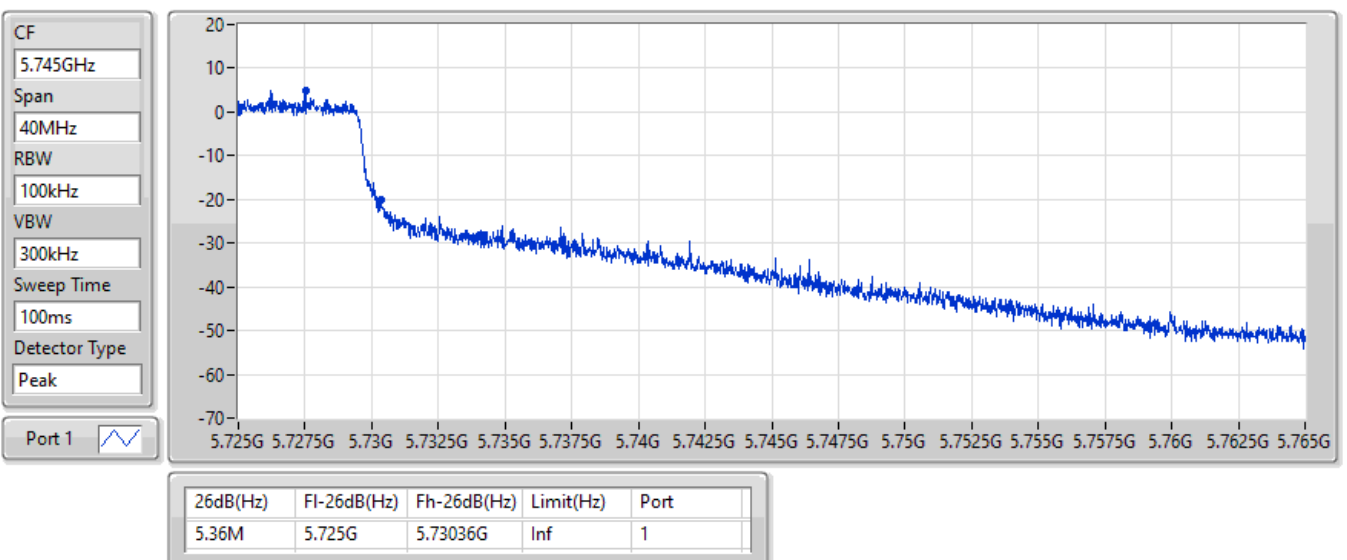


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)

EBW

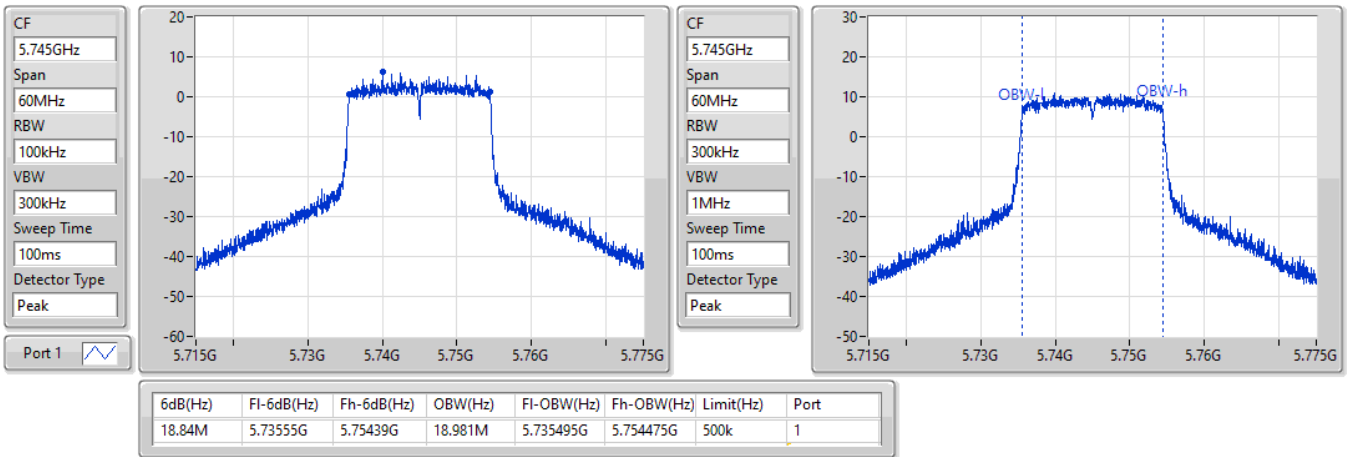
5720MHz Straddle 5.725-5.85GHz

30/04/2022

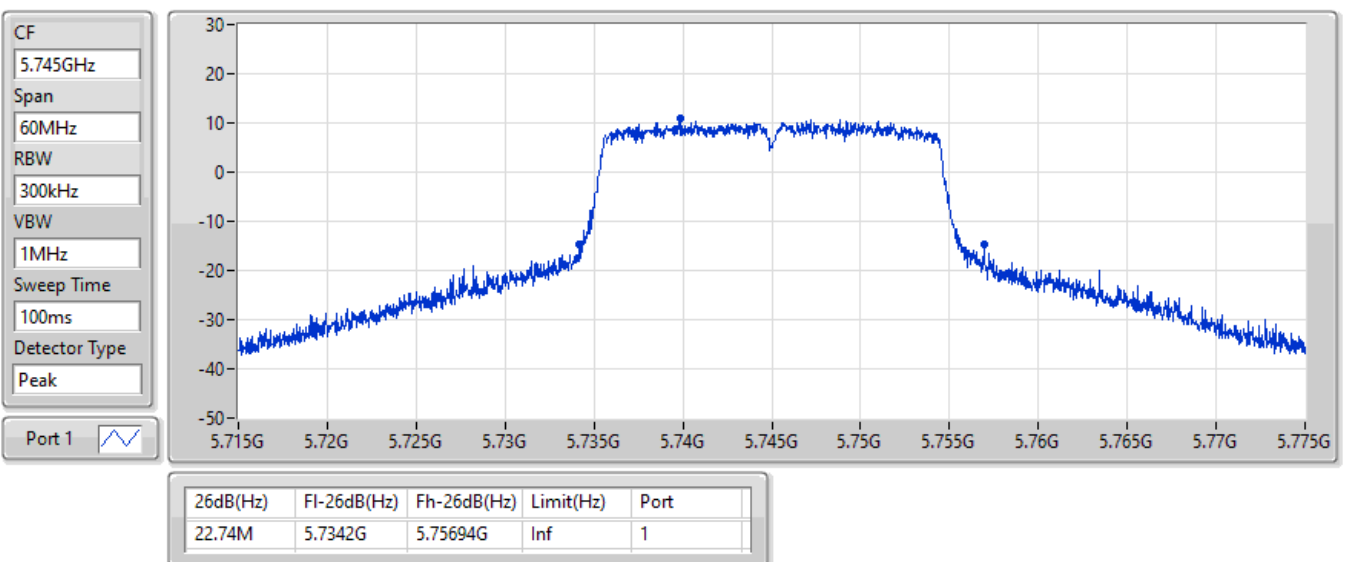


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)
EBW
5745MHz

30/04/2022


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)
EBW
5745MHz

30/04/2022

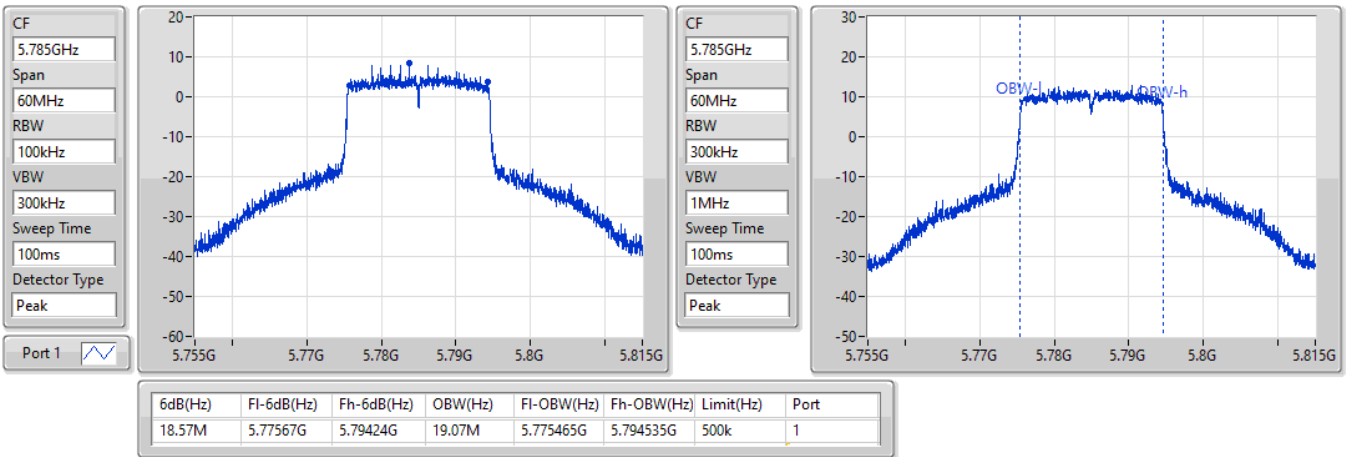


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)

EBW

5785MHz

30/04/2022

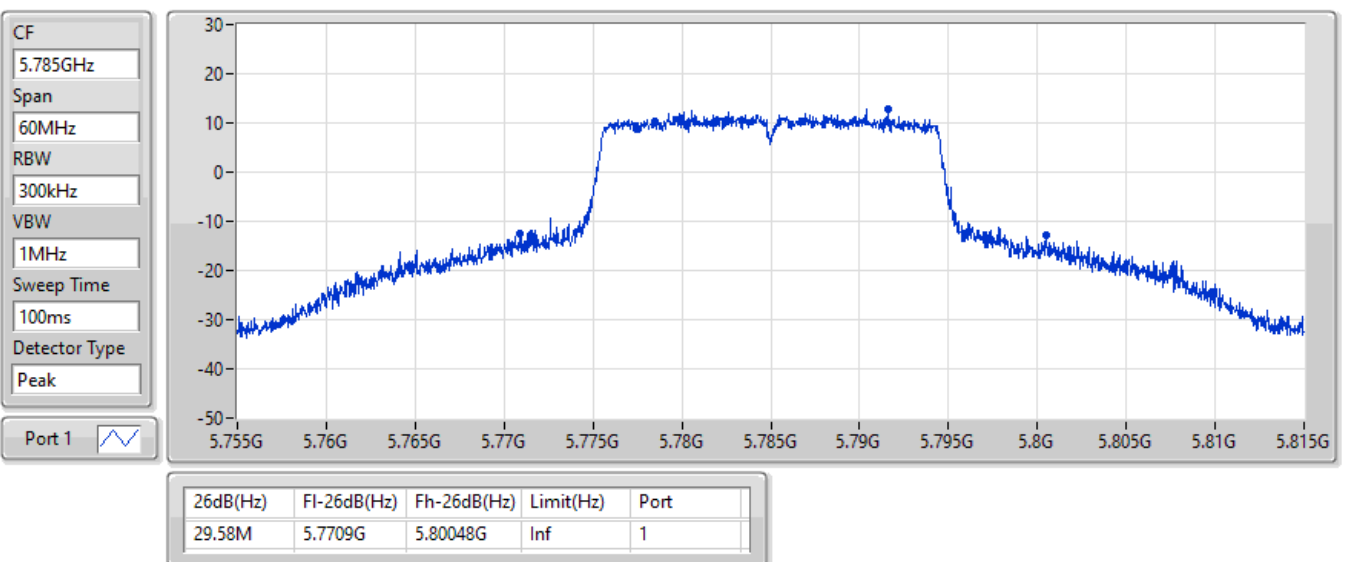


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)

EBW

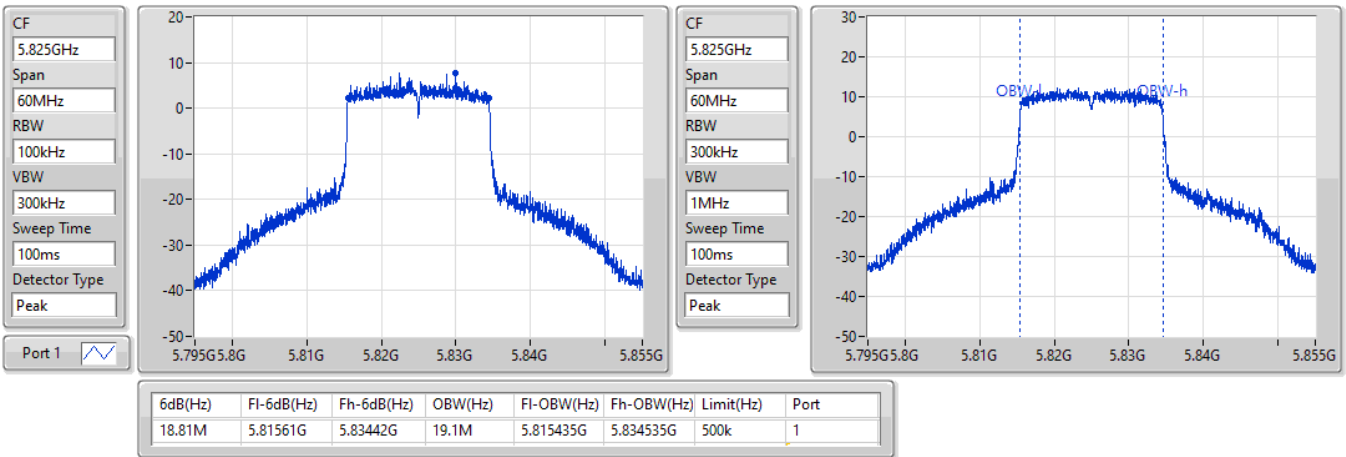
5785MHz

30/04/2022

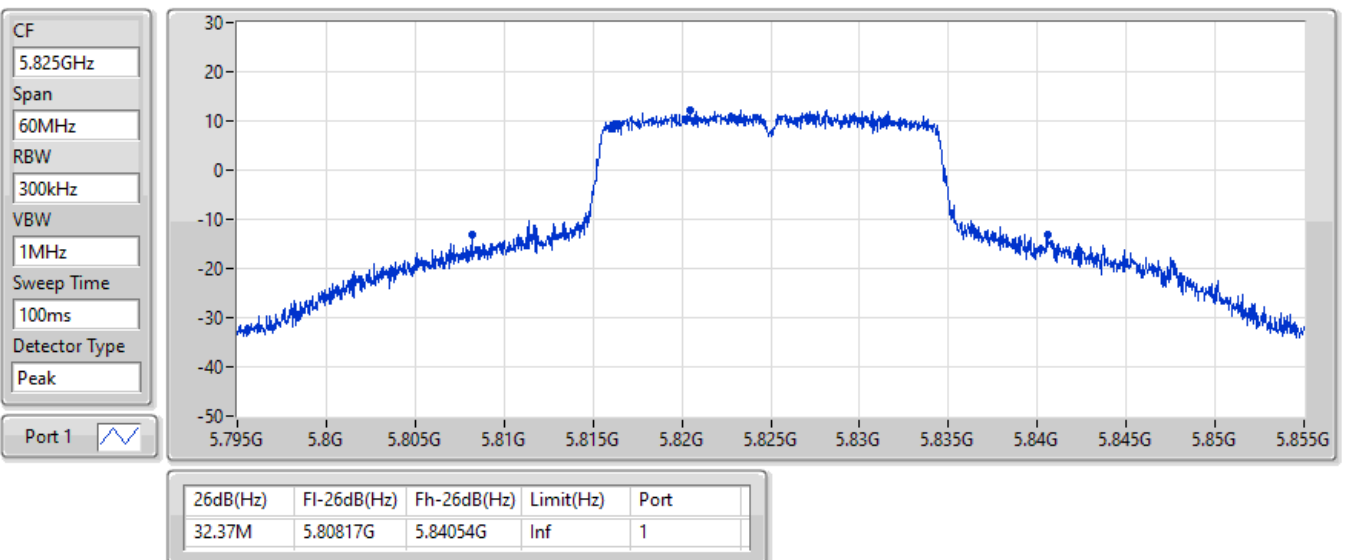


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)
EBW
5825MHz

30/04/2022

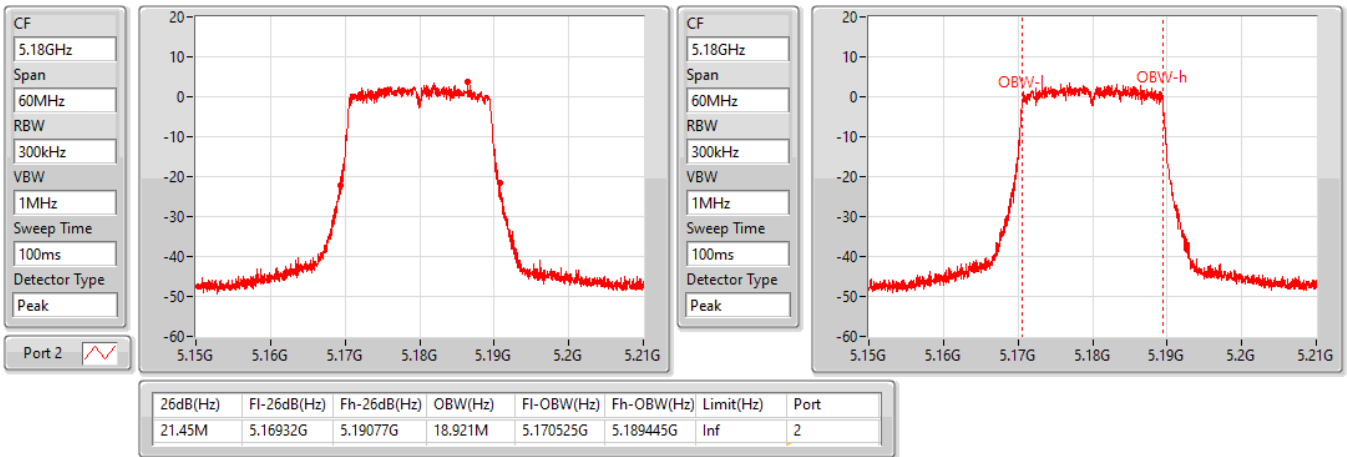

802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)
EBW
5825MHz

30/04/2022

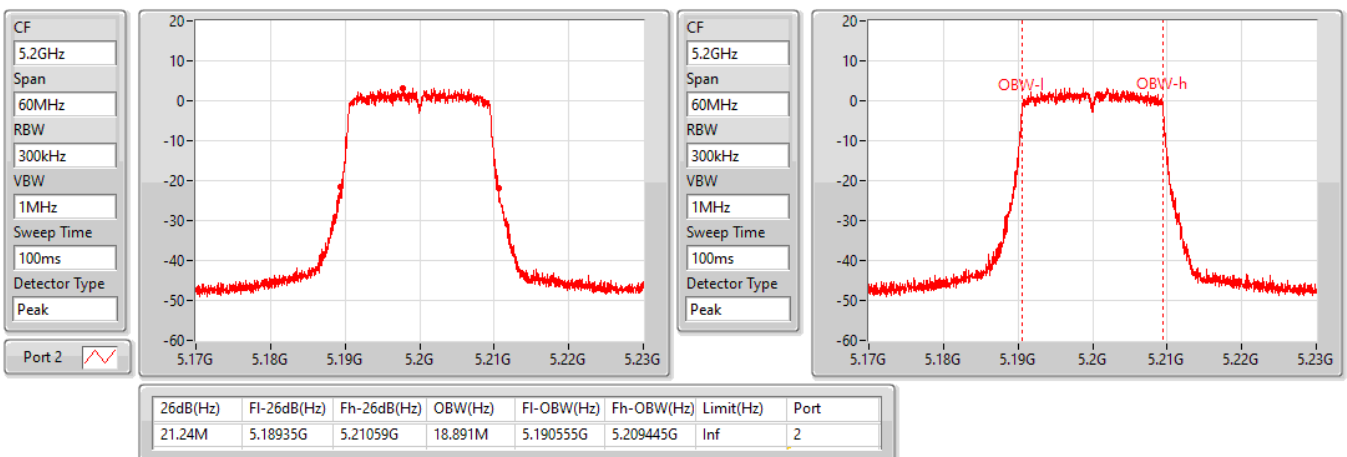


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5180MHz

30/04/2022


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5200MHz

30/04/2022

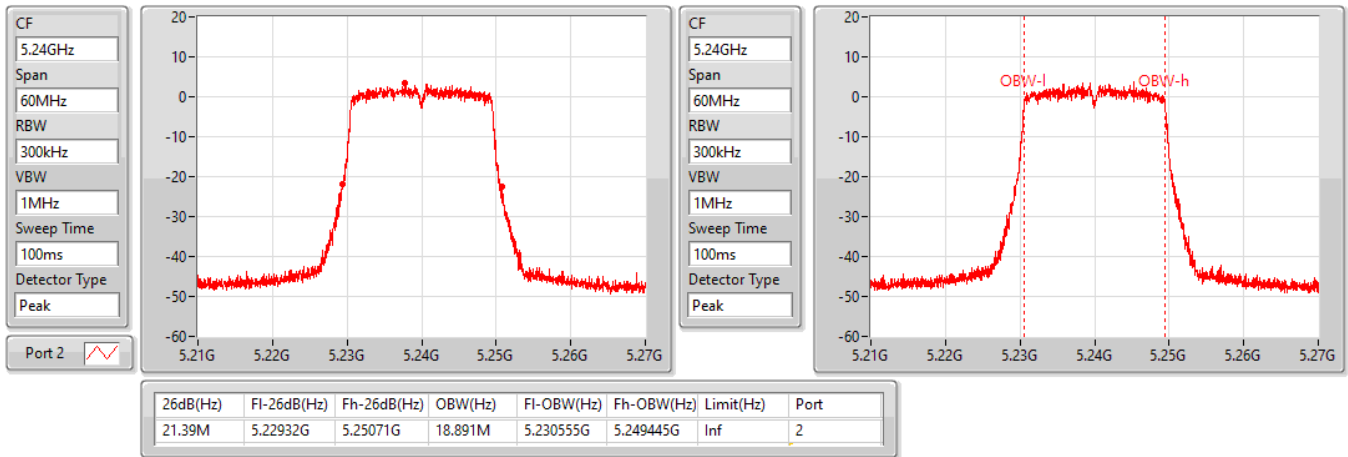


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

EBW

5240MHz

30/04/2022

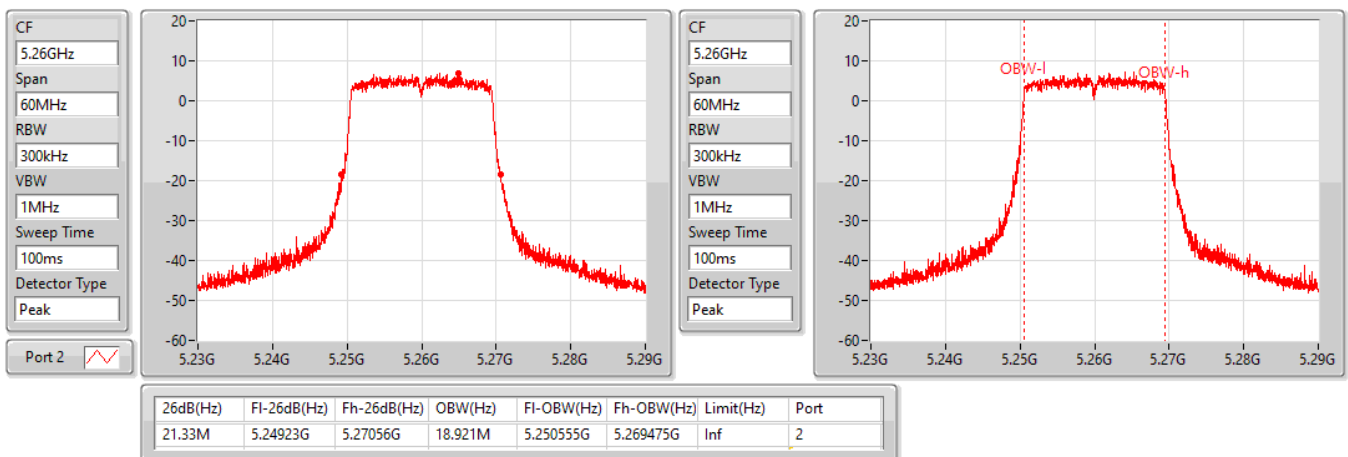


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

EBW

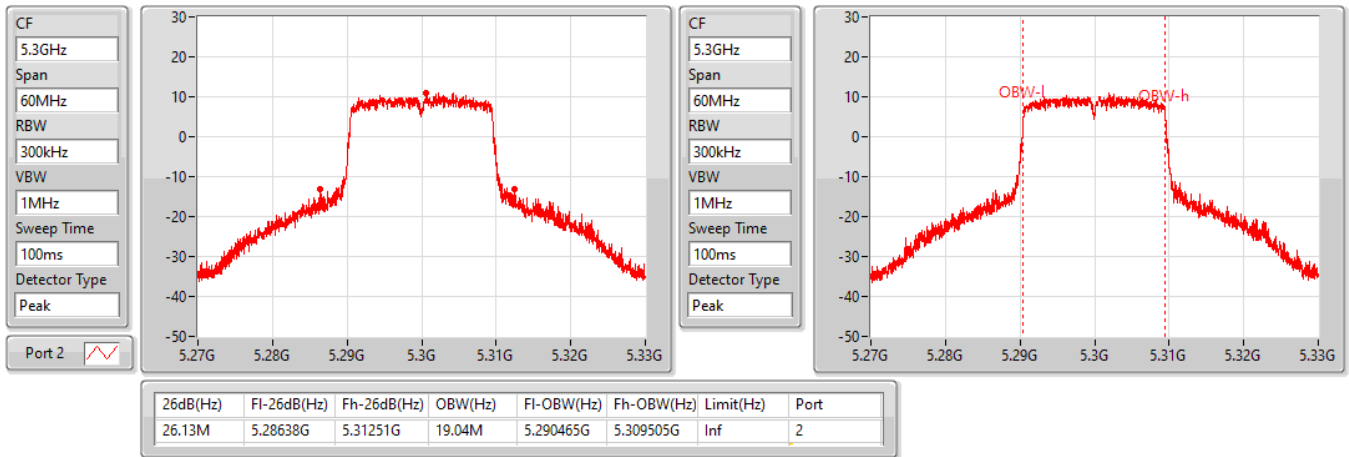
5260MHz

30/04/2022

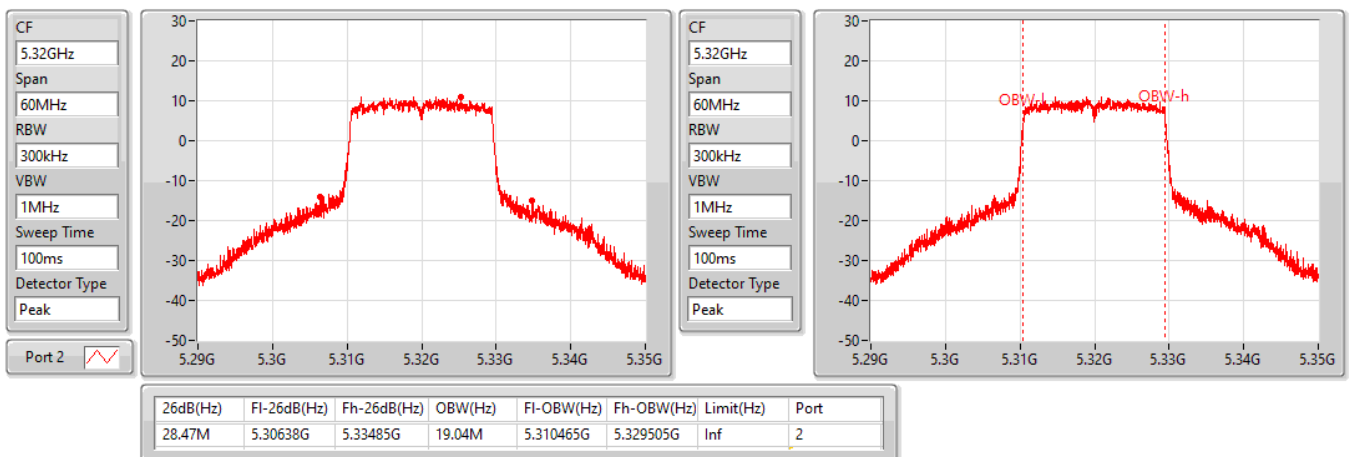


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5300MHz

03/05/2022


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5320MHz

30/04/2022

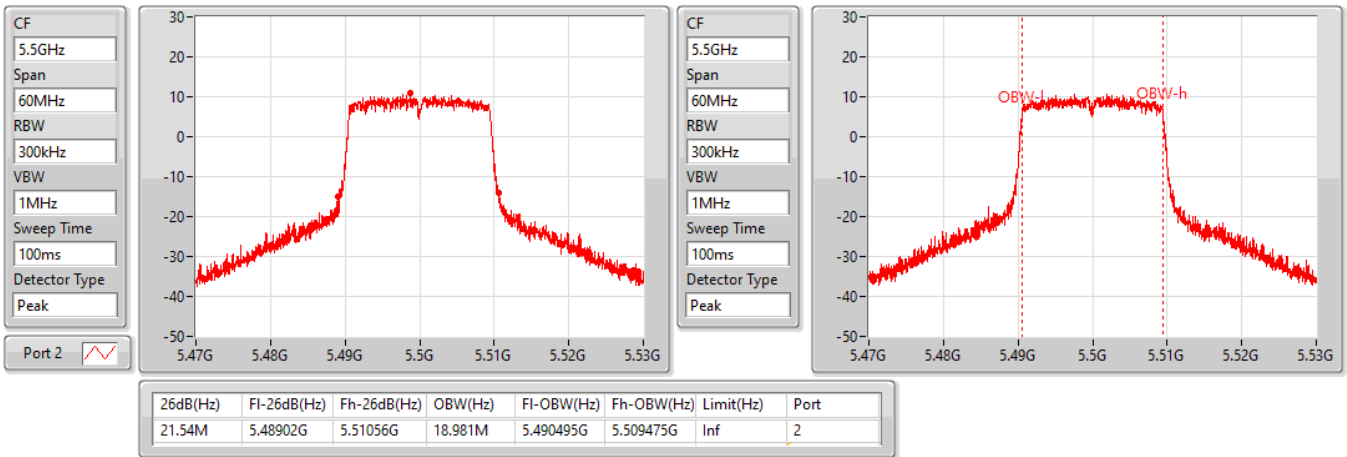


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

EBW

5500MHz

30/04/2022

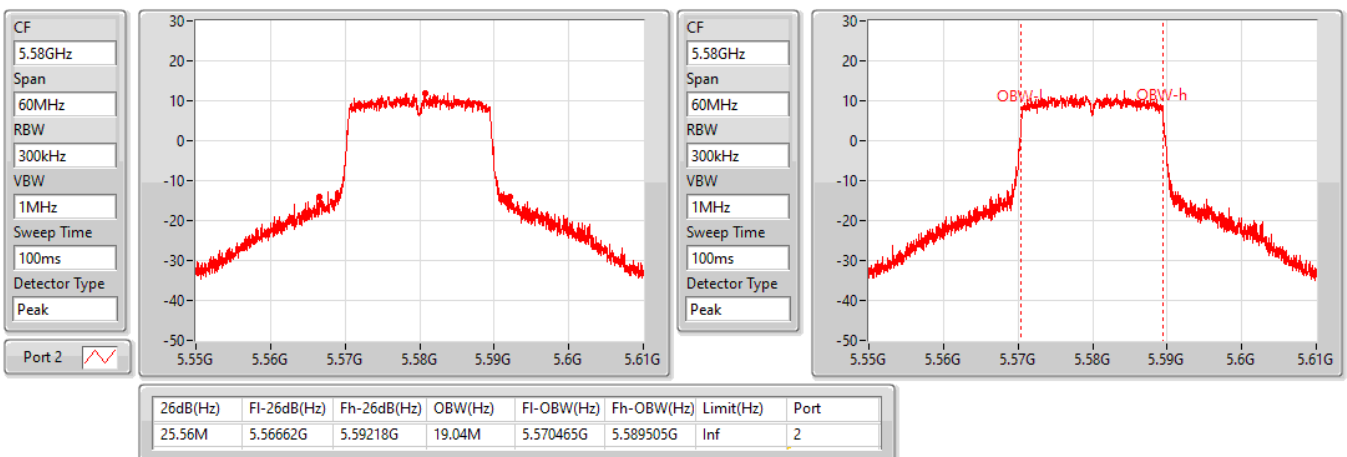


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

EBW

5580MHz

30/04/2022

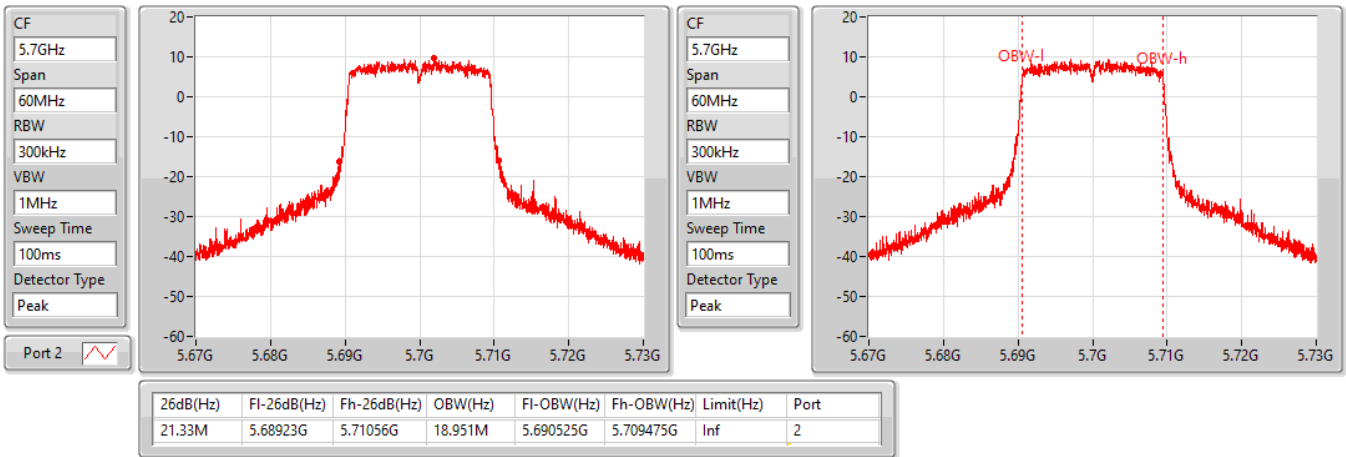


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

EBW

5700MHz

30/04/2022

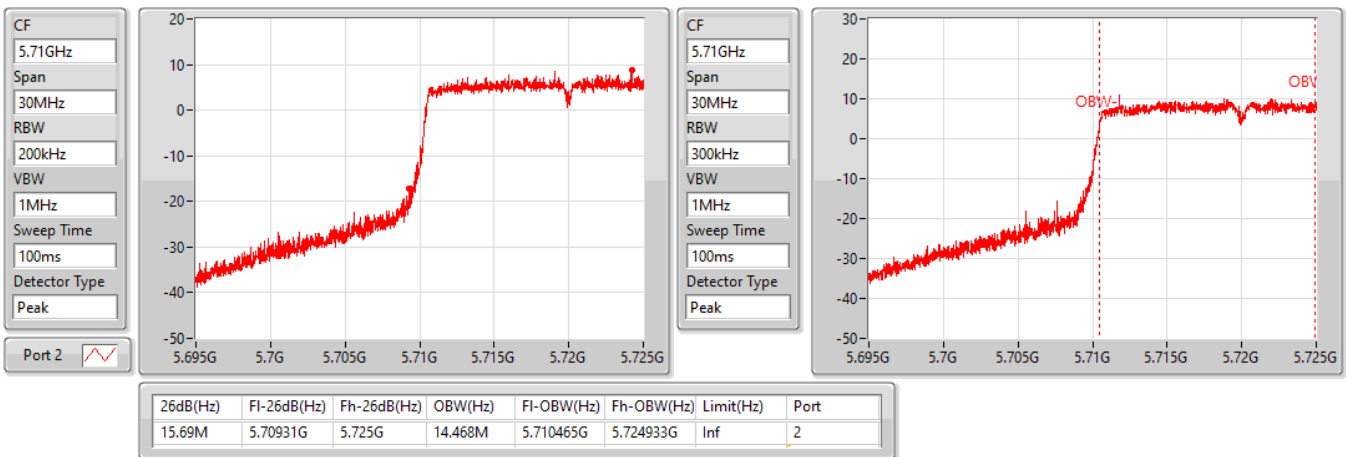


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

EBW

5720MHz Straddle 5.47-5.725GHz

30/04/2022

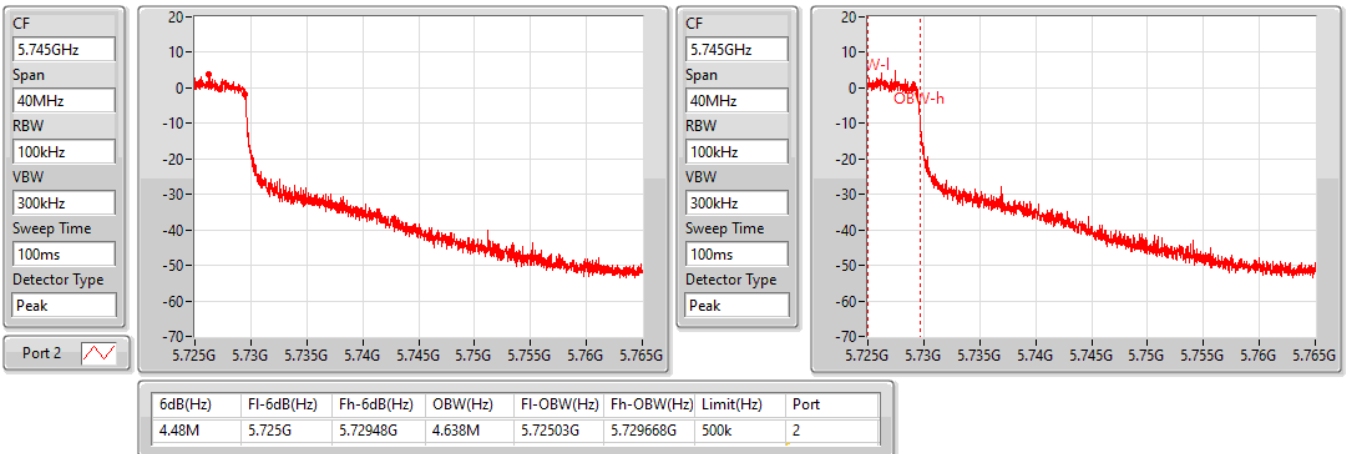


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

EBW

5720MHz Straddle 5.725-5.85GHz

30/04/2022

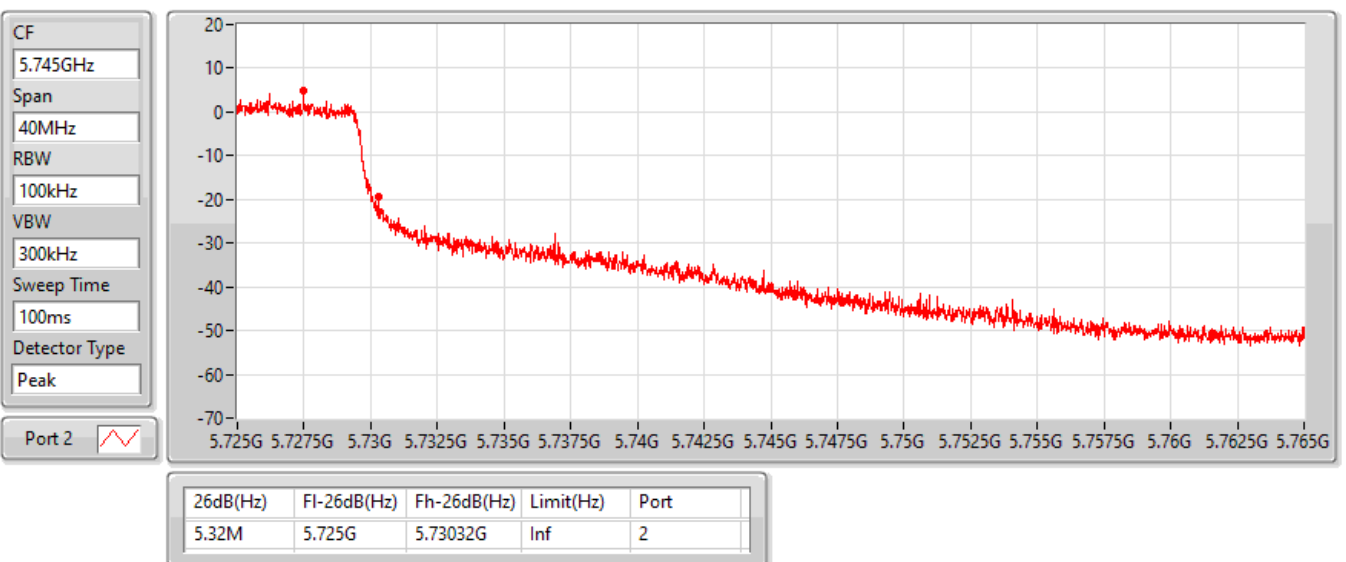


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

EBW

5720MHz Straddle 5.725-5.85GHz

30/04/2022

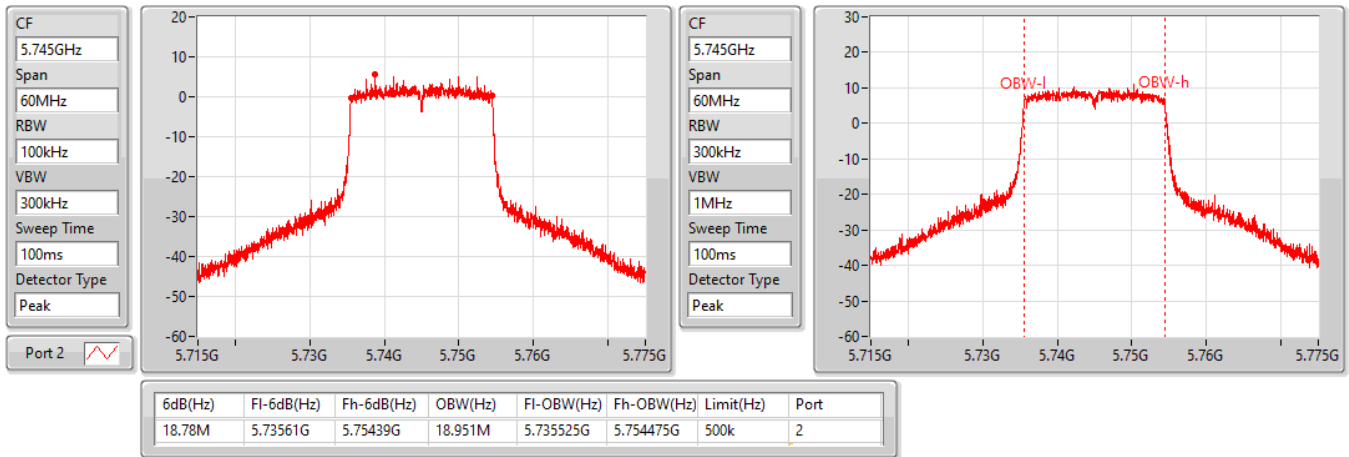


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

EBW

5745MHz

30/04/2022

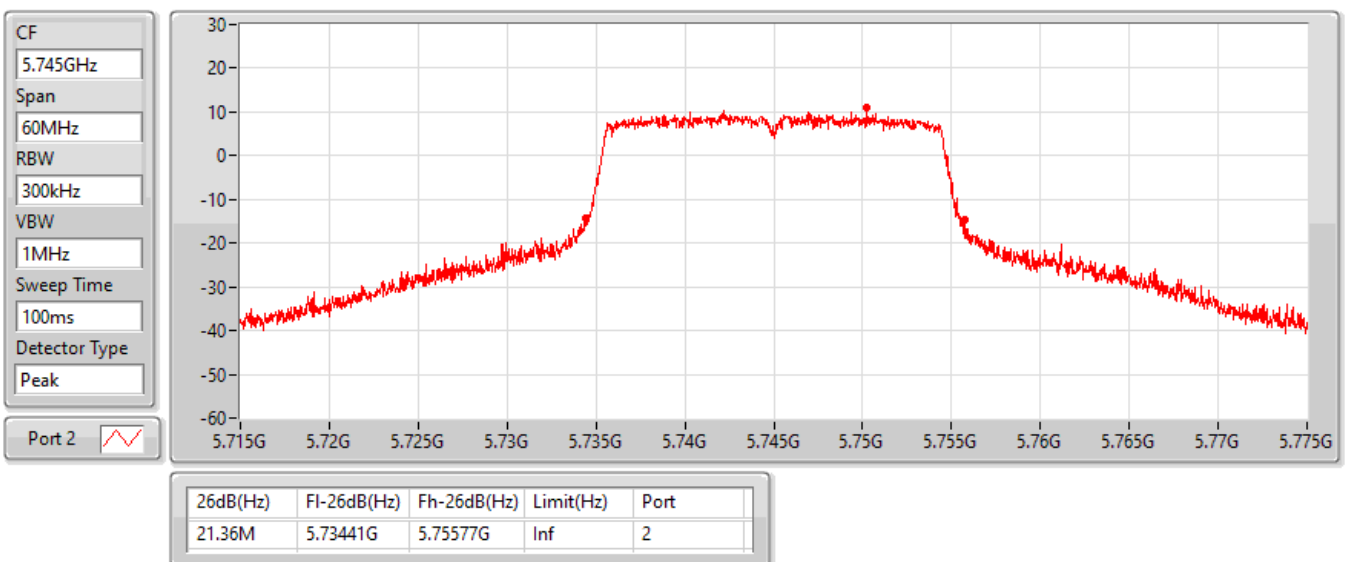


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

EBW

5745MHz

30/04/2022

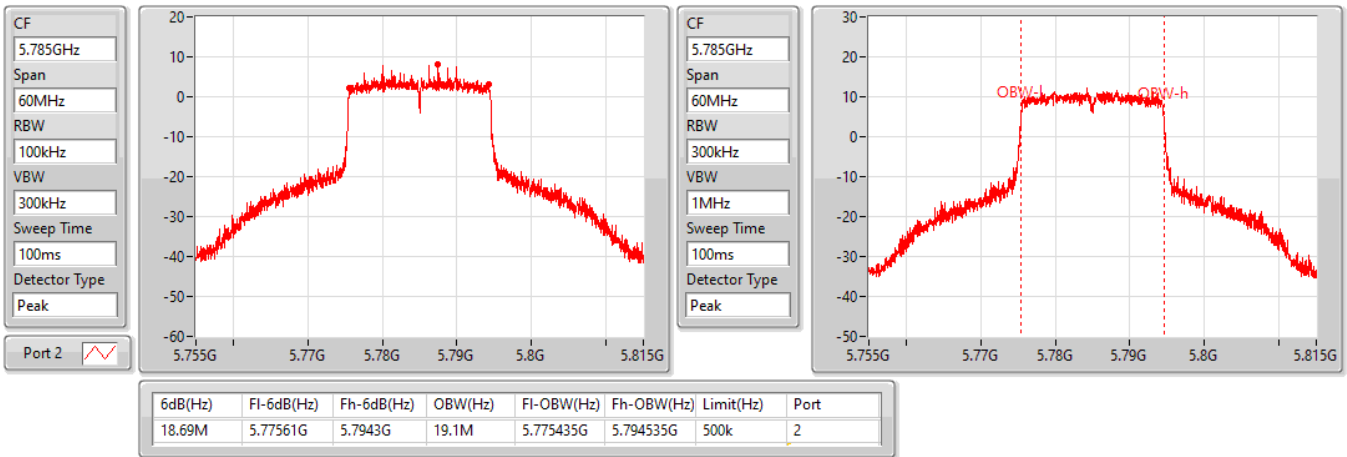


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

EBW

5785MHz

30/04/2022

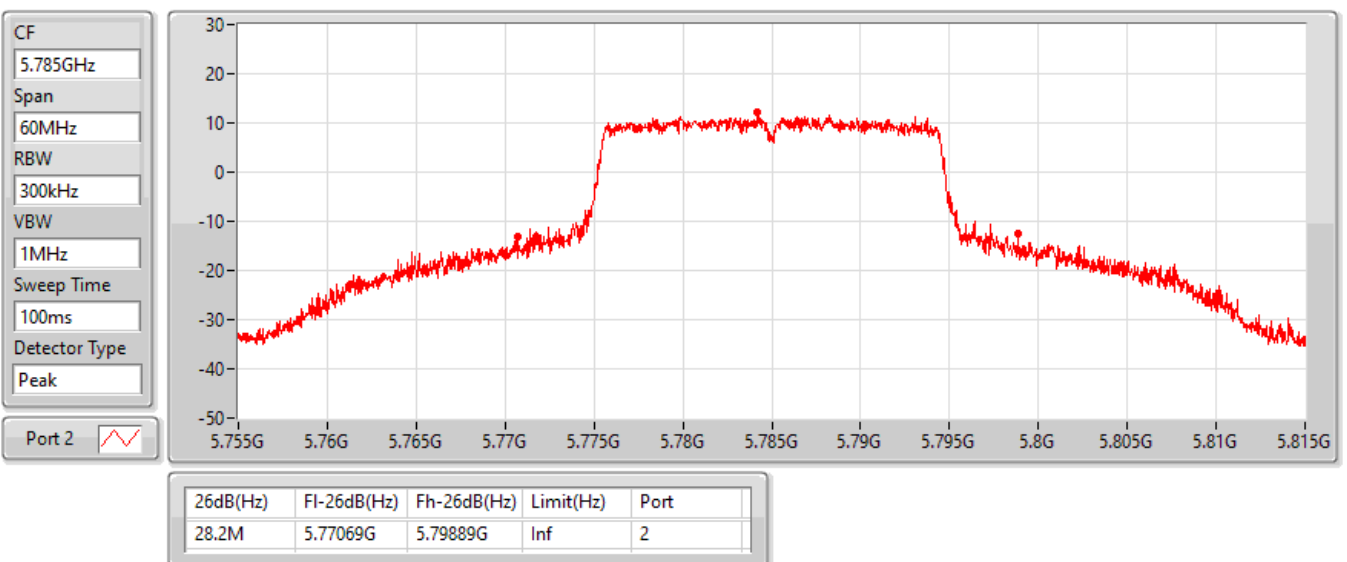


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

EBW

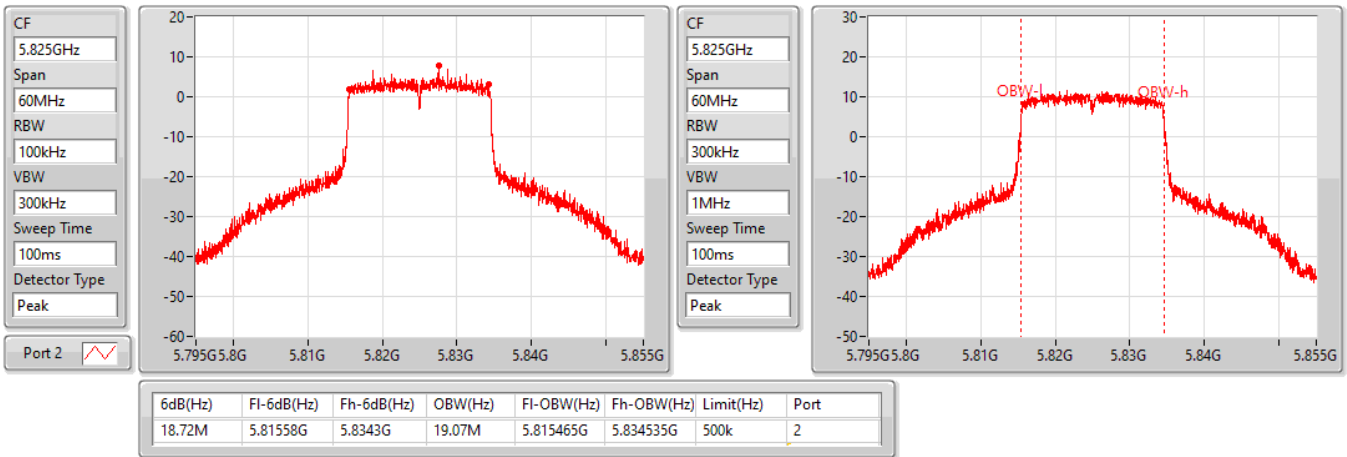
5785MHz

30/04/2022

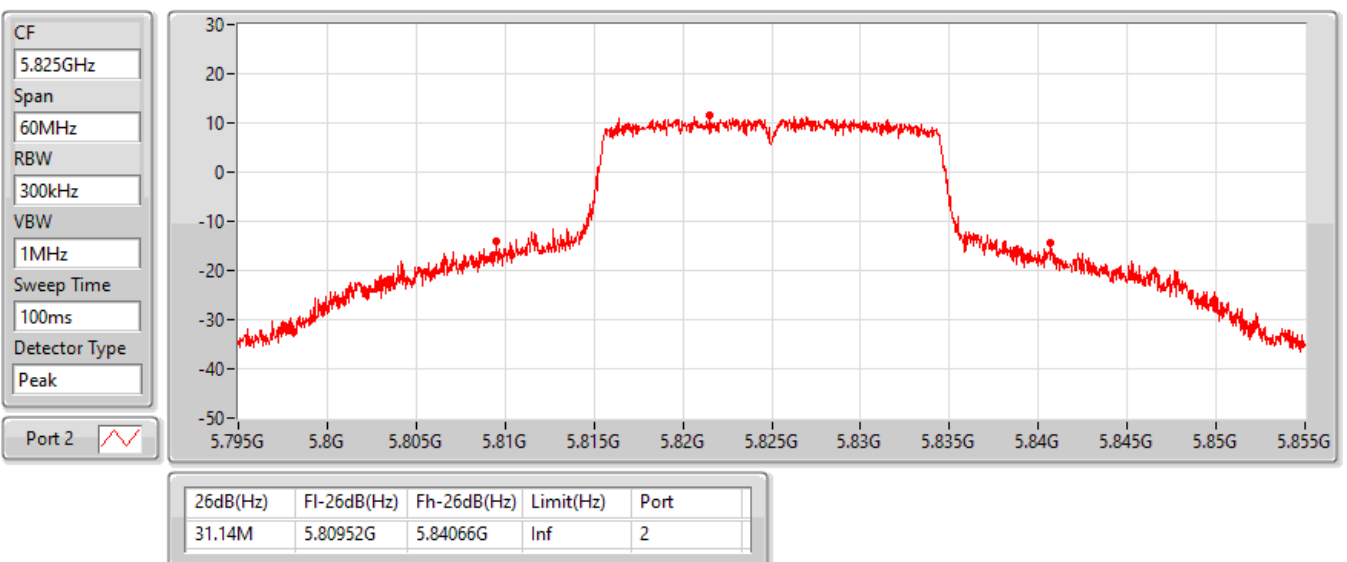


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5825MHz

30/04/2022


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5825MHz

30/04/2022

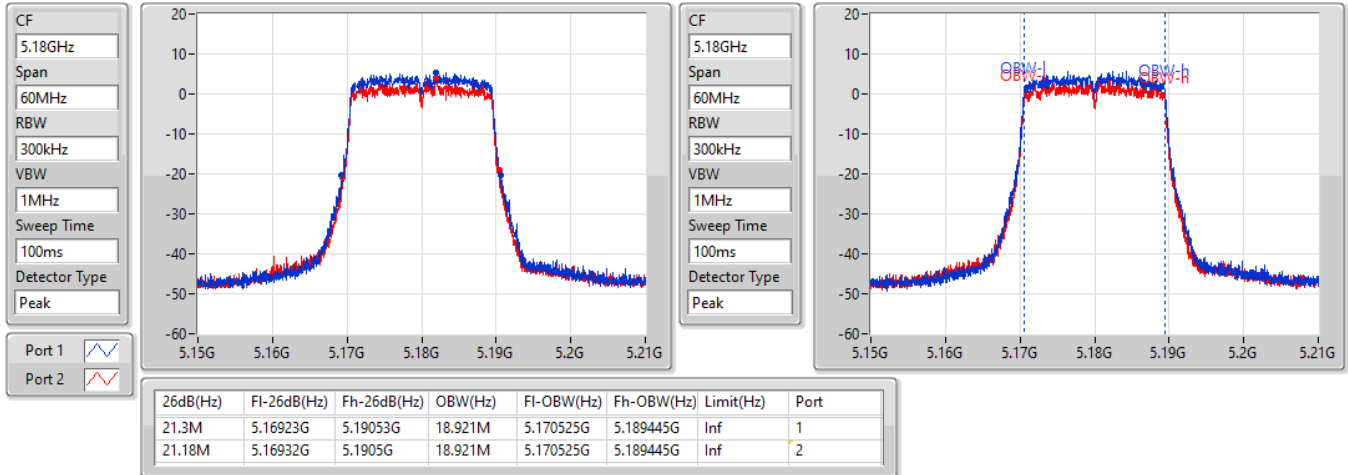


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5180MHz

30/04/2022

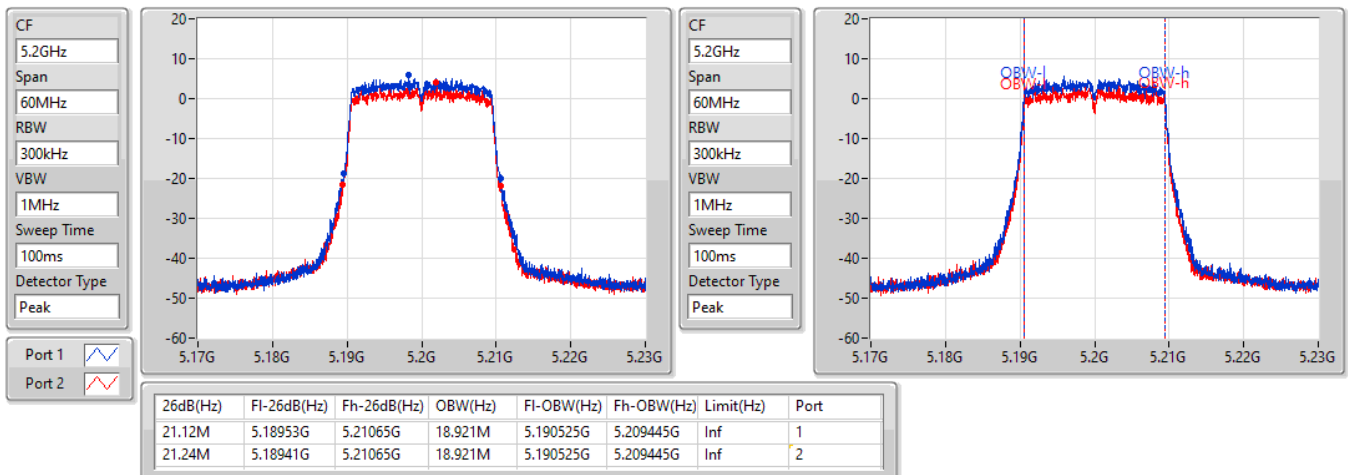


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

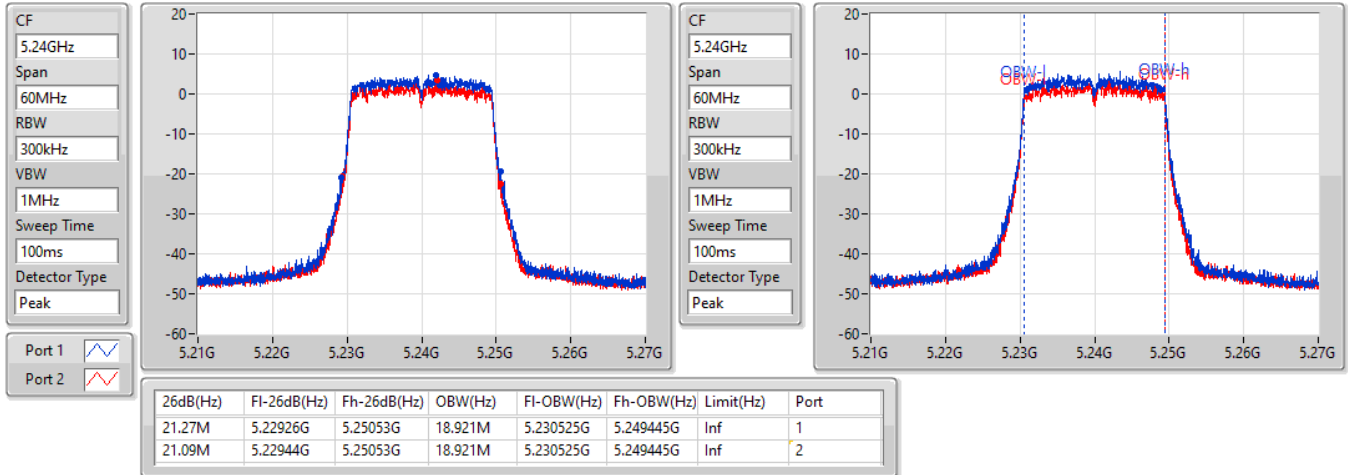
5200MHz

30/04/2022

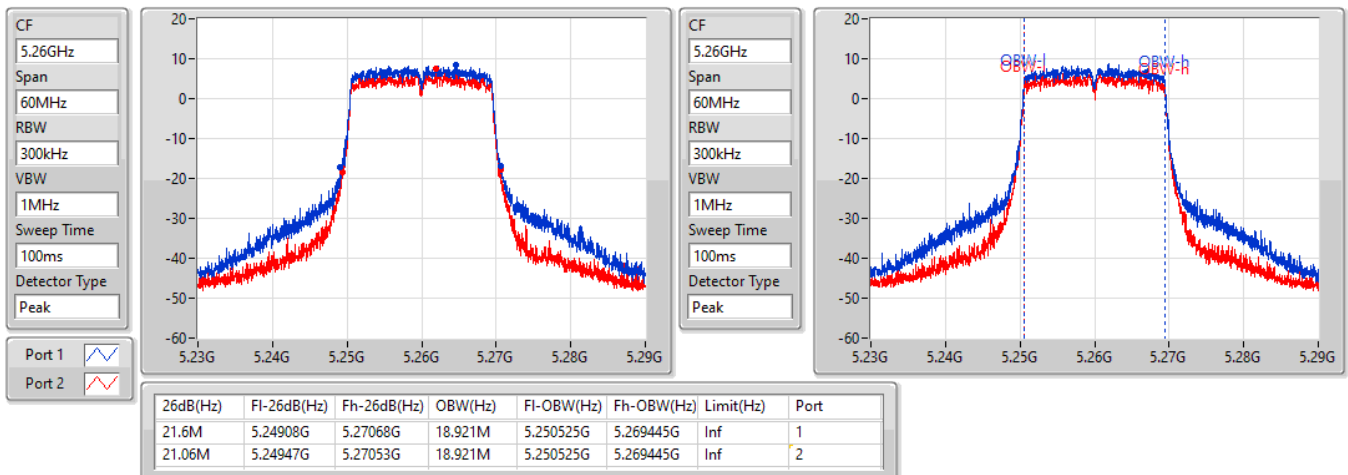


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5240MHz

30/04/2022


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5260MHz

30/04/2022

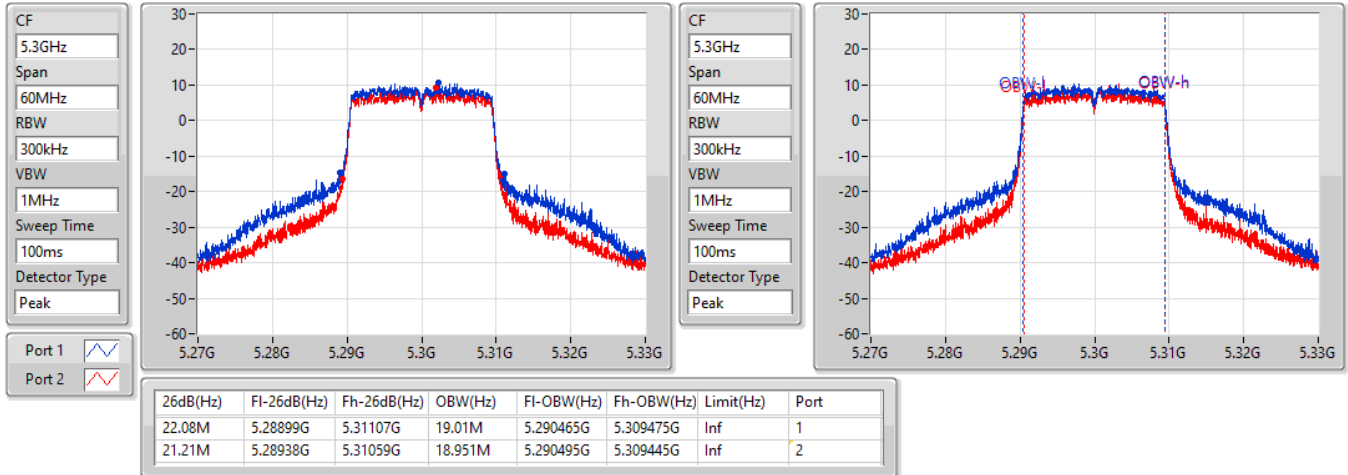


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5300MHz

03/05/2022

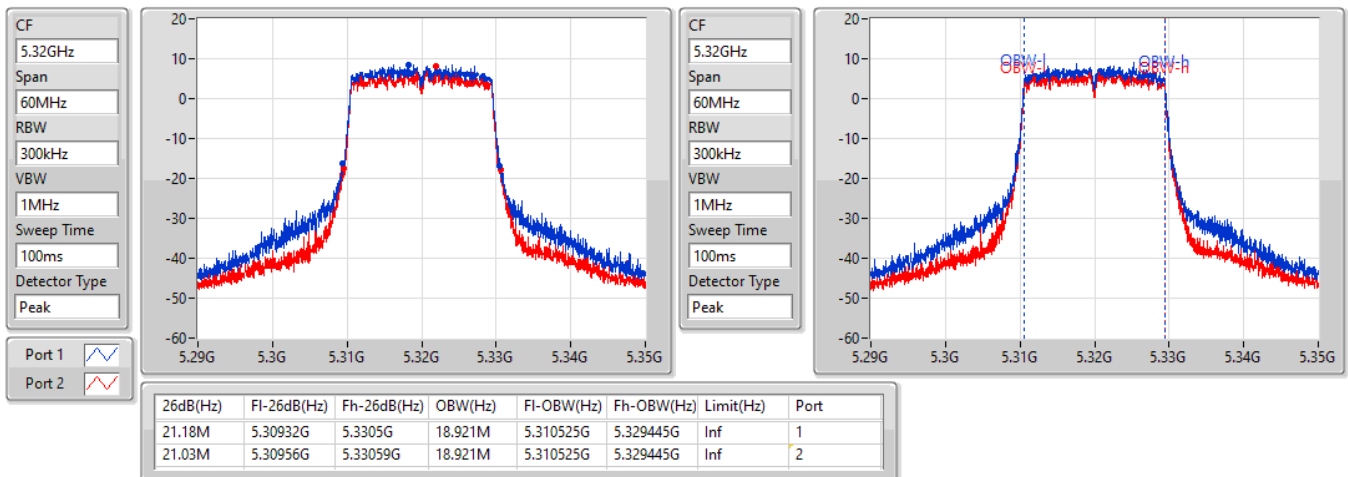


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5320MHz

30/04/2022

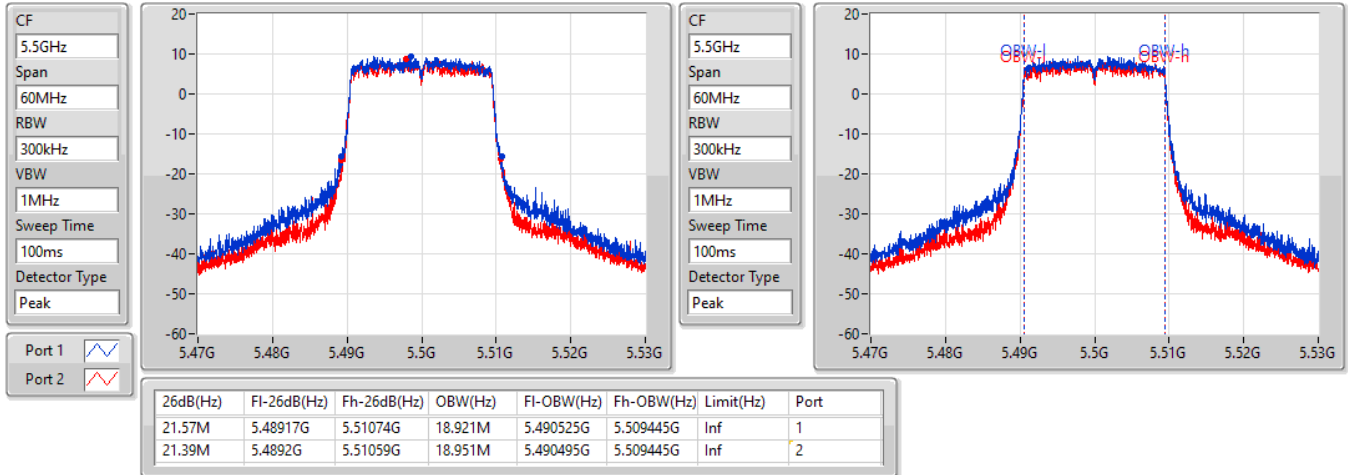


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5500MHz

30/04/2022

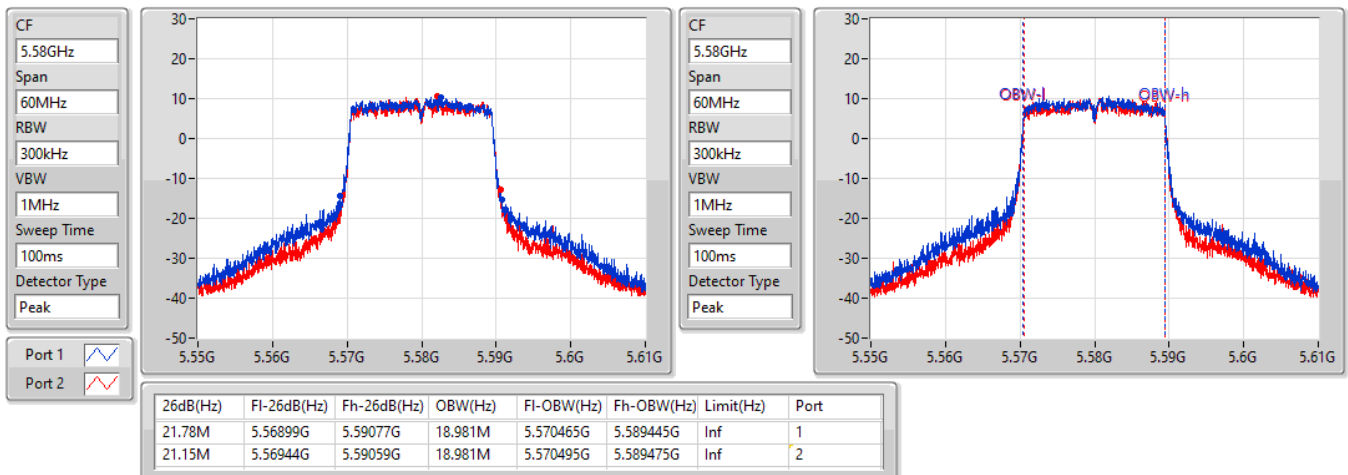


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5580MHz

30/04/2022

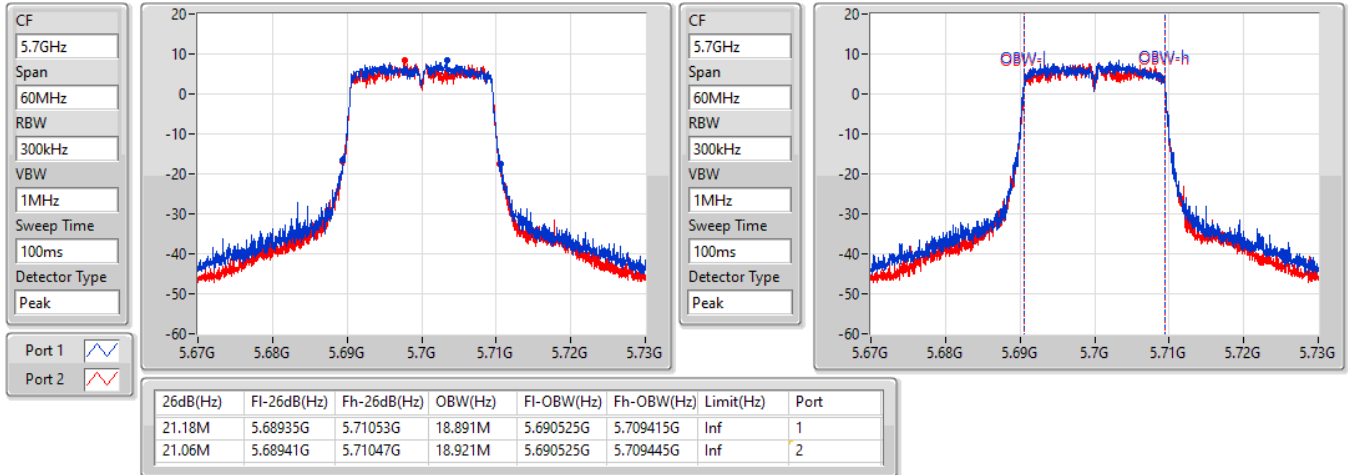


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5700MHz

30/04/2022

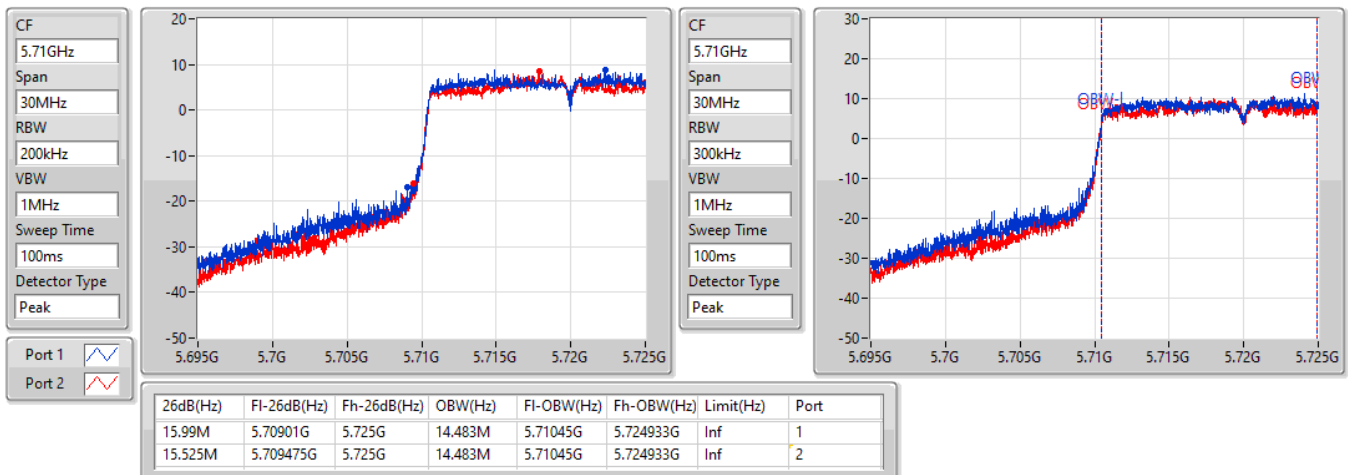


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

30/04/2022

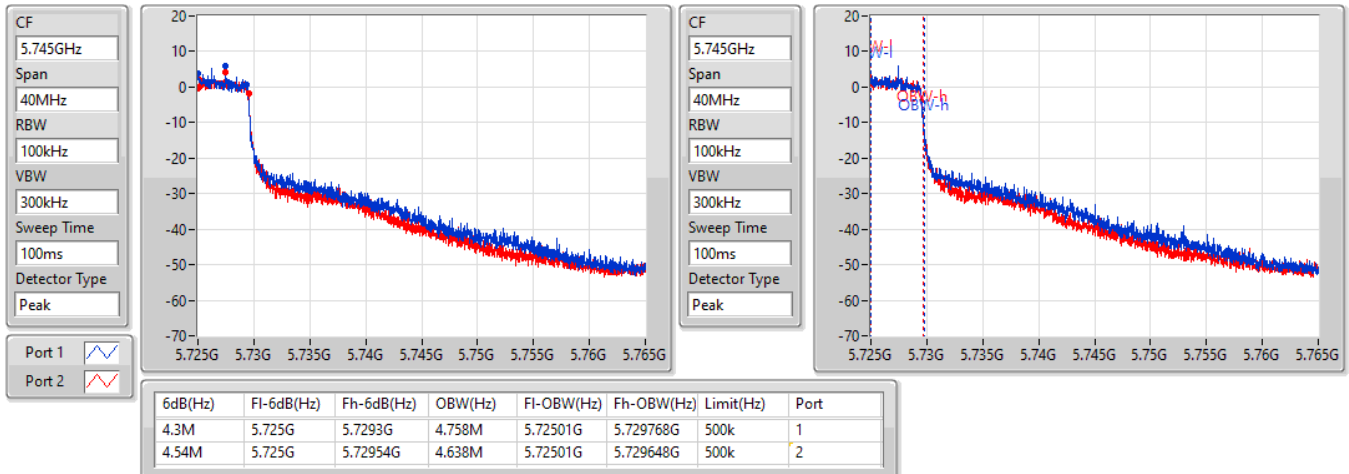


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

30/04/2022

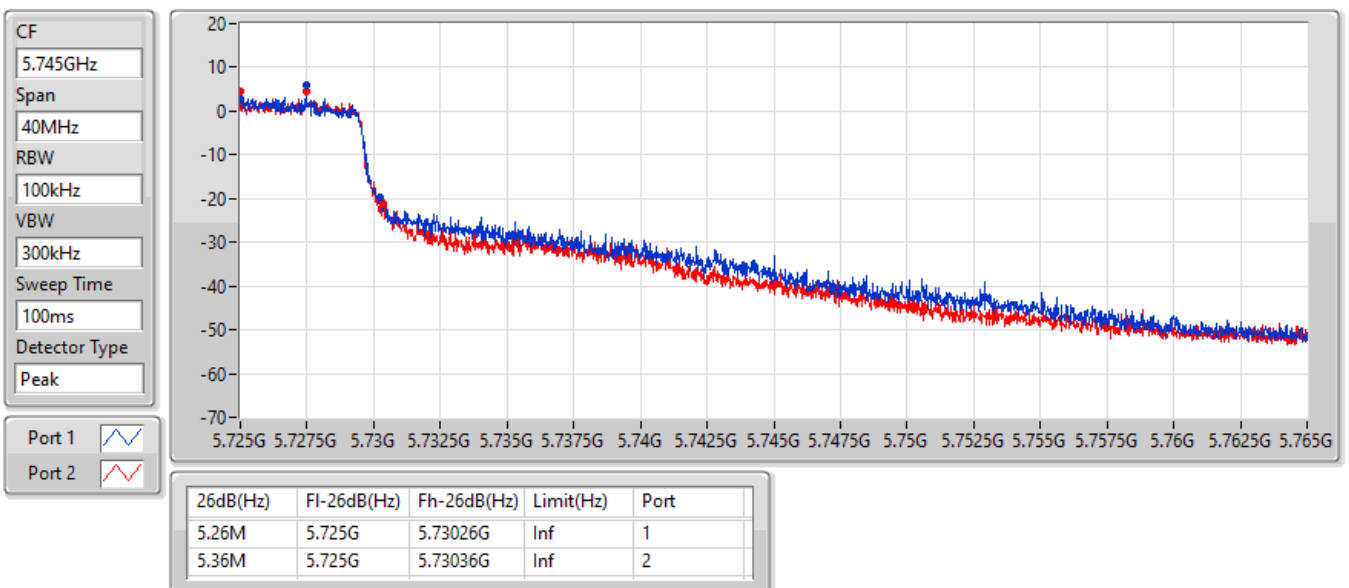


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

30/04/2022

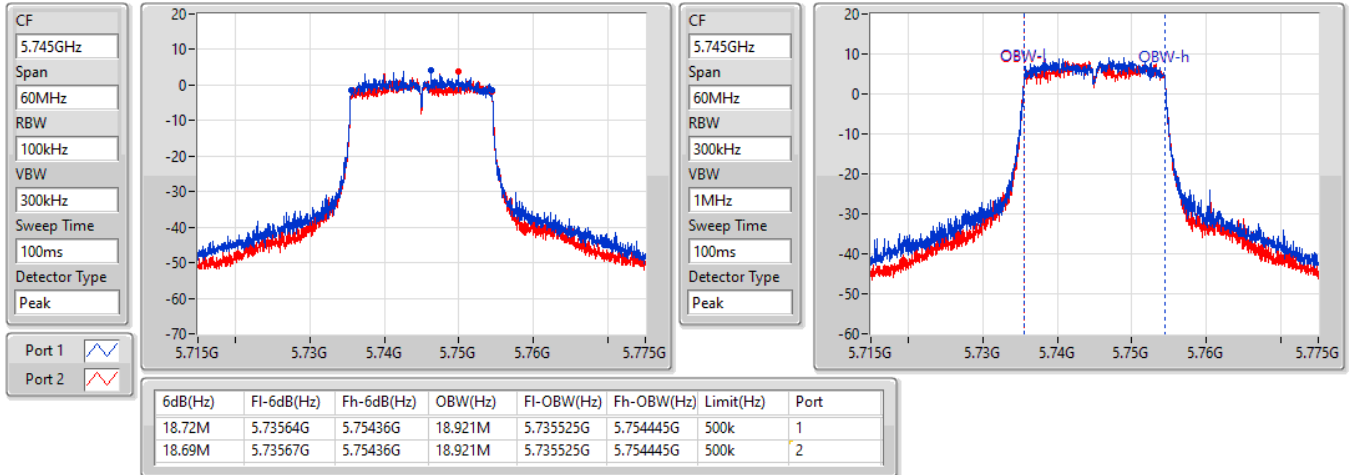


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5745MHz

30/04/2022



802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5745MHz

30/04/2022

