

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 15.247

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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History of this test report

Report No.	Version	Description	Issued Date
FR232102AC	01	Initial issue of report	Aug. 05, 2022

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	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	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
2400-2483.5	b, g, n (HT20), ax(HEW20)	2412-2472	1-13 [13]
2400-2483.5	n (HT40), ax(HEW40)	2422-2462	3-11 [9]

Full RU

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11n HT20	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11ax HEW40	40	2TX

Partial RU

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11ax HEW40	40	2TX

Note:

- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- HEW20, HEW40 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.

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	☒ Point-to-multipoint	☐ Point-to-point	
Beamforming Function	☐ With beamforming	☒ Without beamforming	
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) ≥ 1/T
802.11b_Nss1,(1Mbps)_1TX	0.999	0.01	17.986m	10
802.11b_Nss1,(1Mbps)_2TX	0.999	0.01	17.986m	10
802.11g_Nss1,(6Mbps)_1TX	0.993	0.03	2.098m	10
802.11g_Nss1,(6Mbps)_2TX	0.993	0.03	2.098m	10
802.11n HT20_Nss1,(MCS0)_1TX	0.997	0.01	5.43m	10
802.11n HT20_Nss1,(MCS0)_2TX	0.997	0.01	5.43m	10
802.11n HT20_Nss1,(MCS8)_1TX	0.997	0.01	5.43m	10
802.11n HT20_Nss1,(MCS8)_2TX	0.997	0.01	5.43m	10
802.11n HT40_Nss1,(MCS0)_1TX	0.997	0.01	5.43m	10
802.11n HT40_Nss1,(MCS0)_2TX	0.997	0.01	5.43m	10
802.11n HT40_Nss1,(MCS8)_1TX	0.997	0.01	5.43m	10
802.11n HT40_Nss1,(MCS8)_2TX	0.997	0.01	5.43m	10
802.11ax HEW20_Nss1,(MCS0)_1TX	0.997	0.01	5.447m	10
802.11ax HEW20_Nss1,(MCS0)_2TX	0.997	0.01	5.447m	10
802.11ax HEW40_Nss1,(MCS0)_1TX	0.997	0.01	5.447m	10
802.11ax HEW40_Nss1,(MCS0)_2TX	0.997	0.01	5.447m	10

Partial RU

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20_Nss1,(MCS0)	0.996	0.02	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)	0.994	0.03	n/a (DC>=0.98)	n/a (DC>=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

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

- ♦ KDB 558074 D01 v05r02
- ♦ 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
------------------------------	------------------

Full RU

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX(Port1)	-
2412MHz	20
2417MHz	20
2437MHz	20
2457MHz	20
2462MHz	20
2467MHz	11
2472MHz	8
802.11b_Nss1,(1Mbps)_1TX(Port2)	-
2412MHz	20
2417MHz	20
2437MHz	20
2457MHz	20
2462MHz	20
2467MHz	11
2472MHz	8
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	18
2417MHz	18
2437MHz	18
2457MHz	18
2462MHz	18
2467MHz	8
2472MHz	8
802.11g_Nss1,(6Mbps)_1TX(Port1)	-
2412MHz	18
2417MHz	20
2437MHz	20
2457MHz	19.5
2462MHz	18



Mode	Power Setting
2467MHz	11
2472MHz	4
802.11g_Nss1,(6Mbps)_1TX(Port2)	-
2412MHz	18
2417MHz	20
2437MHz	20
2457MHz	19.5
2462MHz	18
2467MHz	11
2472MHz	4
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	16
2417MHz	18
2437MHz	18
2457MHz	18
2462MHz	16
2467MHz	8
2472MHz	1
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	-
2412MHz	12
2417MHz	20
2437MHz	20
2457MHz	20
2462MHz	15
2467MHz	11
2472MHz	2
802.11n HT20_Nss1,(MCS0)_1TX(Port2)	-
2412MHz	12
2417MHz	20
2437MHz	20
2457MHz	20
2462MHz	18
2467MHz	11
2472MHz	2
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	16



Mode	Power Setting
2417MHz	18
2437MHz	18
2457MHz	18
2462MHz	16
2467MHz	8
2472MHz	1
802.11n HT40_Nss1,(MCS0)_1TX(Port1)	-
2422MHz	9.5
2427MHz	19.5
2437MHz	20
2447MHz	19
2452MHz	19
2457MHz	12
2462MHz	6
802.11n HT40_Nss1,(MCS0)_1TX(Port2)	-
2422MHz	9.5
2427MHz	20
2437MHz	20
2447MHz	19.5
2452MHz	19
2457MHz	12
2462MHz	6
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	6.5
2427MHz	18
2437MHz	18
2447MHz	18
2452MHz	18
2457MHz	9
2462MHz	3
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	-
2412MHz	12
2417MHz	18
2437MHz	20
2457MHz	18.5
2462MHz	15



Mode	Power Setting
2467MHz	11
2472MHz	2
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-
2412MHz	12
2417MHz	19.5
2437MHz	20
2457MHz	19
2462MHz	15
2467MHz	11
2472MHz	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	15
2417MHz	18
2437MHz	18
2457MHz	18
2462MHz	15
2467MHz	5
2472MHz	-1
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	-
2422MHz	9.5
2427MHz	18.5
2437MHz	19
2447MHz	18.5
2452MHz	18.5
2457MHz	12
2462MHz	6
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-
2422MHz	9.5
2427MHz	19
2437MHz	19.5
2447MHz	19
2452MHz	18
2457MHz	12
2462MHz	6
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	6.5



Mode	Power Setting
2427MHz	17.5
2437MHz	18
2447MHz	17.5
2452MHz	17.5
2457MHz	6
2462MHz	3

Partial RU

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_2TX	-
2412MHz	14
2417MHz	14
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 4_2TX	-
2437MHz	14
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_2TX	-
2457MHz	14
2462MHz	14
2467MHz	12
2472MHz	-7.5
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_2TX	-
2412MHz	15
2417MHz	15
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_2TX	-
2437MHz	15
2457MHz	15
2462MHz	15
2467MHz	12
2472MHz	-7
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_2TX	-
2412MHz	15
2417MHz	16
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_2TX	-
2437MHz	16
2457MHz	16
2462MHz	16
2467MHz	12
2472MHz	-4



Mode	Power Setting
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 61_2TX	-
2422MHz	16.5
2427MHz	18
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 62_2TX	-
2437MHz	18
2447MHz	18
2452MHz	16
2457MHz	15
2462MHz	1

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	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands		
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 2.4GHz (Full RU) B mode + Bluetooth
2	WLAN 2.4GHz (Partial RU) AX20 mode + Bluetooth
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 G 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

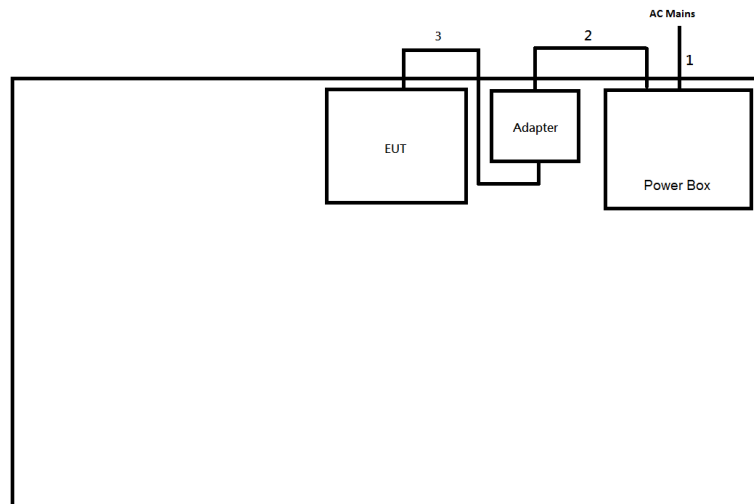
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Mouse(USB)	Lenovo	MOGOUO	-	-
2	Portable SSD(3.1)	TRANSCEND	TS240GESD240C	-	-
3	USB 3.0 Flash	SandDisk	SDDDC-128G-G36	-	-
4	Monitor	ASUS	PB287	-	-
5	Load	Sporton	Sporton	-	-
6	Keyboard	IBM	SK-8815	-	-
7	AC Adapter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

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

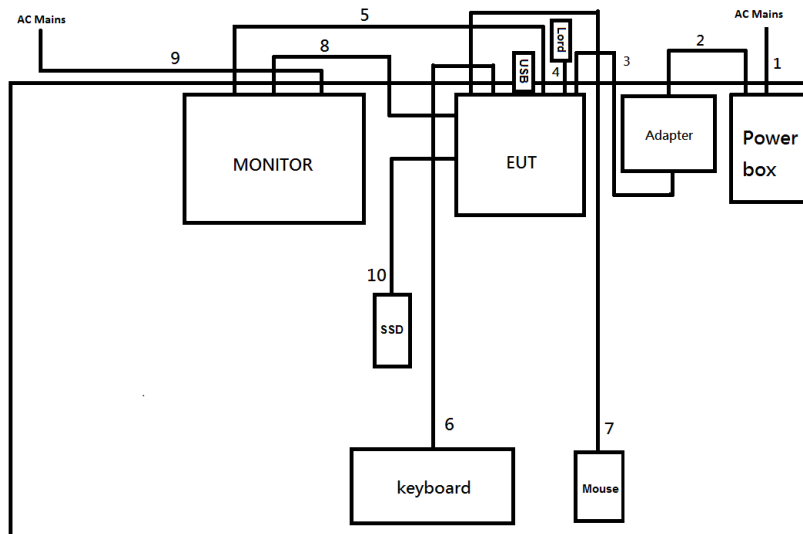
Support Equipment –Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Mouse(USB)	Lenovo	MOGOUO	-	-
2	Portable SSD(3.1)	TRANSCEND	TS240GESD240C	-	-
3	USB 3.0 Flash	SandDisk	SDDDC-128G-G36	-	-
4	Monitor	ASUS	PB287	-	-
5	Load	Sporton	Sporton	-	-
6	Keyboard	IBM	SK-8815	-	-
7	AC Adapter	Microsoft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

2.4 Test Setup Diagram

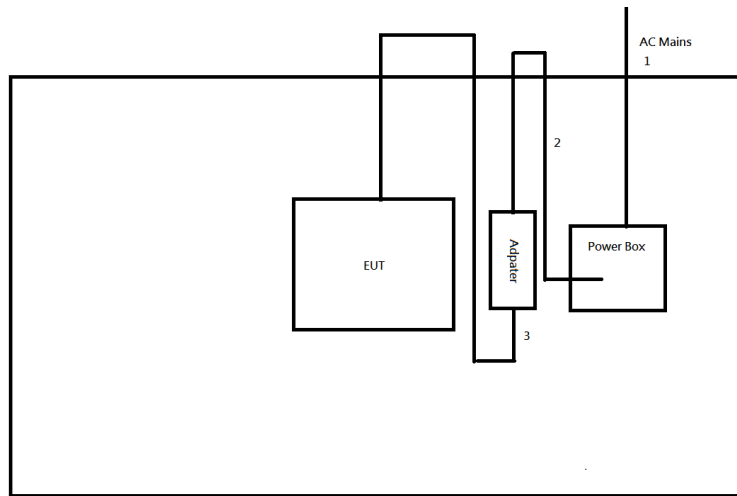
Test Setup Diagram – AC Line Conducted Emission Test



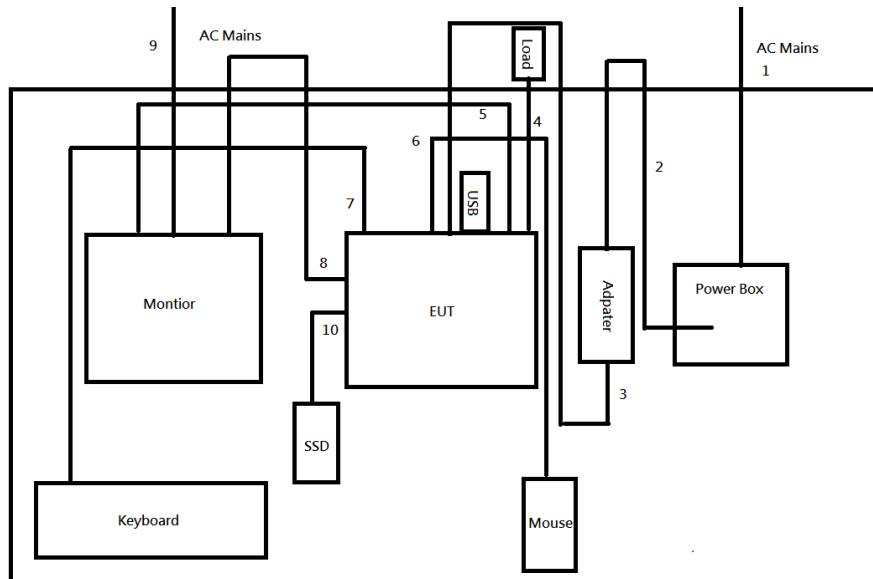
Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	0.5	-
3	DC Power cable	No	1.5	-

Test Setup Diagram - 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	RJ45 cable	No	1.0	-
5	Mini DP to DP	No	1.8	-
6	USB cable	No	1.0	-
7	USB cable	No	1.7	-
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	-

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

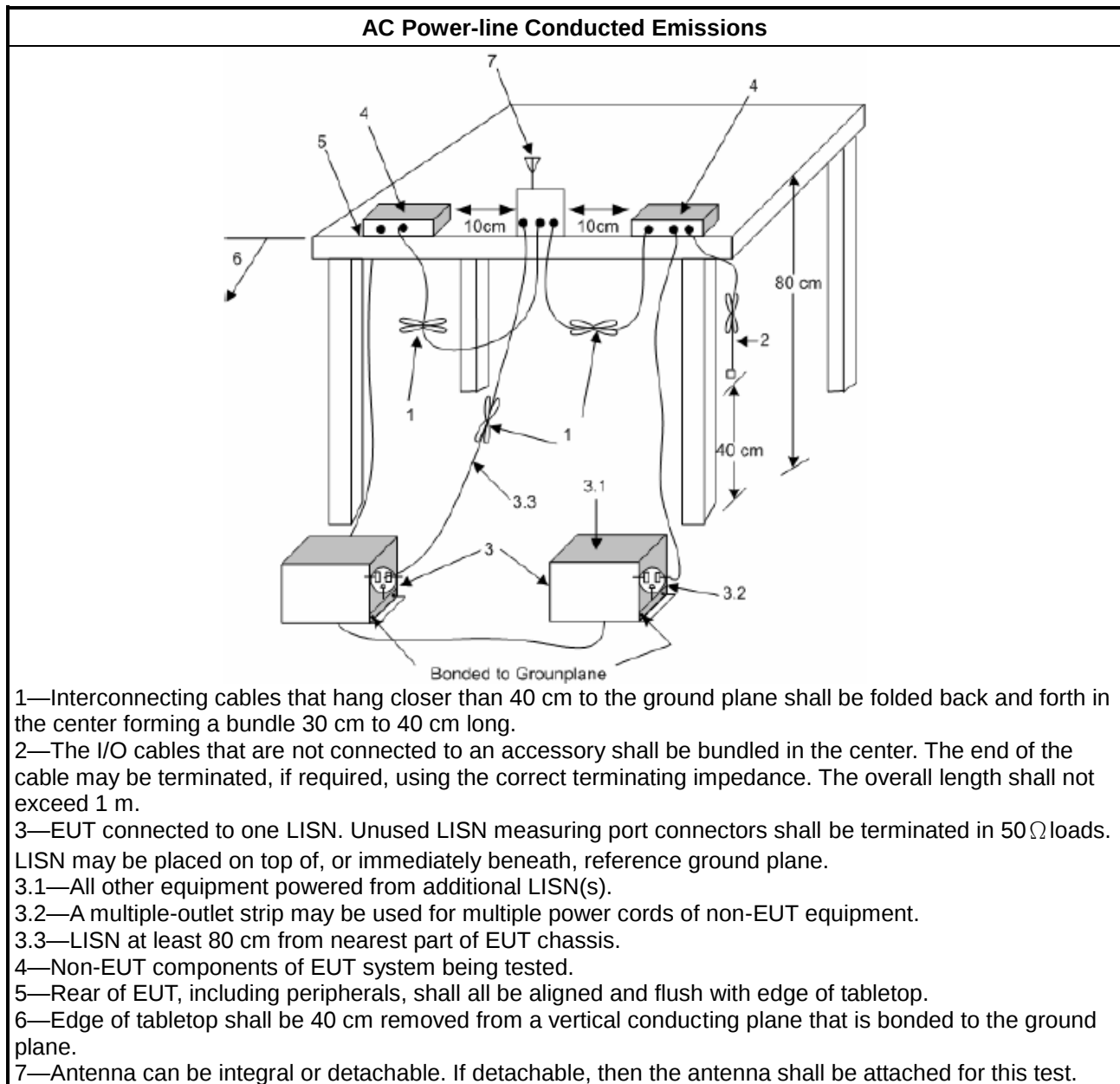
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit	
Systems using digital modulation techniques:	
▪	6 dB bandwidth $\geq$ 500 kHz.

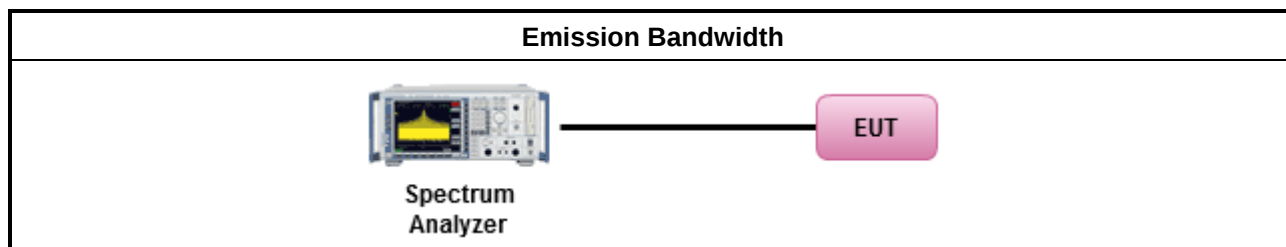
3.2.2 Measuring Instruments

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 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
☐	Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied 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		
	▪	If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	▪	Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	▪	Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	▪	Smart antenna system (SAS):
	-	Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	-	Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	-	Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB dBm
e.i.r.p. Power Limit:		
	▪	2400-2483.5 MHz Band
	▪	Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)
	▪	Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm
	▪	Smart antenna system (SAS)
	-	Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	-	Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	-	Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.		

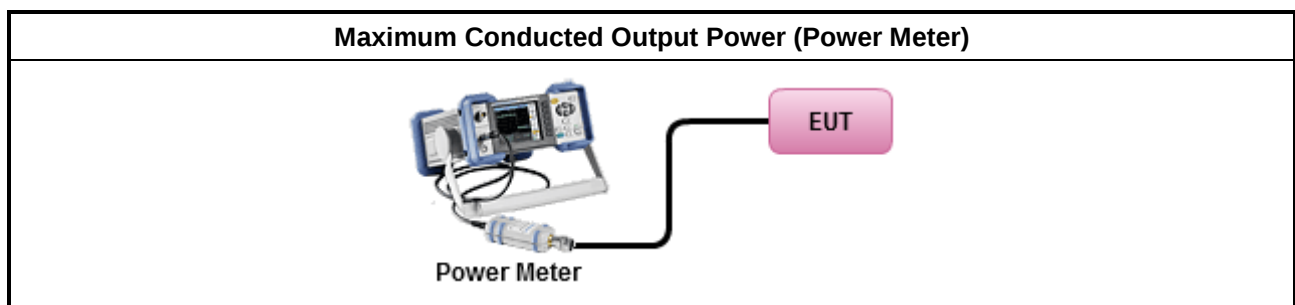
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Peak Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
☐	Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method.
☐	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 of ANSI C63.10) peak power meter.
Maximum Average Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
☒	Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a 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: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit	
▪	Power Spectral Density (PSD) $\leq$ 8 dBm/3kHz

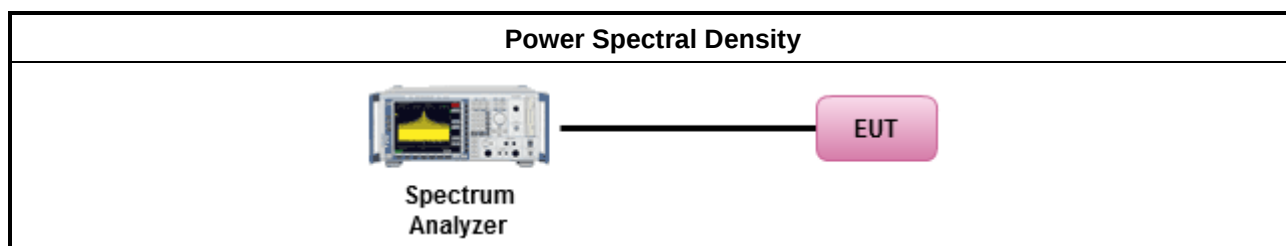
3.4.2 Measuring Instruments

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. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).
☒	Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.
▪	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.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	Limit (dB)
Peak output power procedure	20
Average output power procedure	30
Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak level. Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average level.	

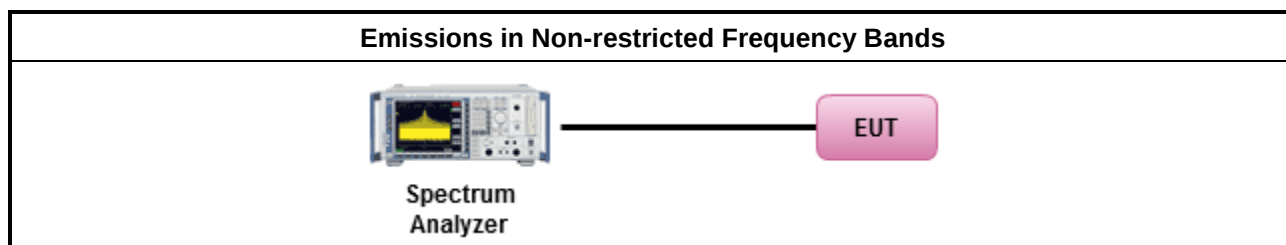
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
Refer as KDB 558074, clause 8.5 (11.11 of ANSI C63.10) for non-restricted frequency bands.

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

Restricted Band Emissions 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.

3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

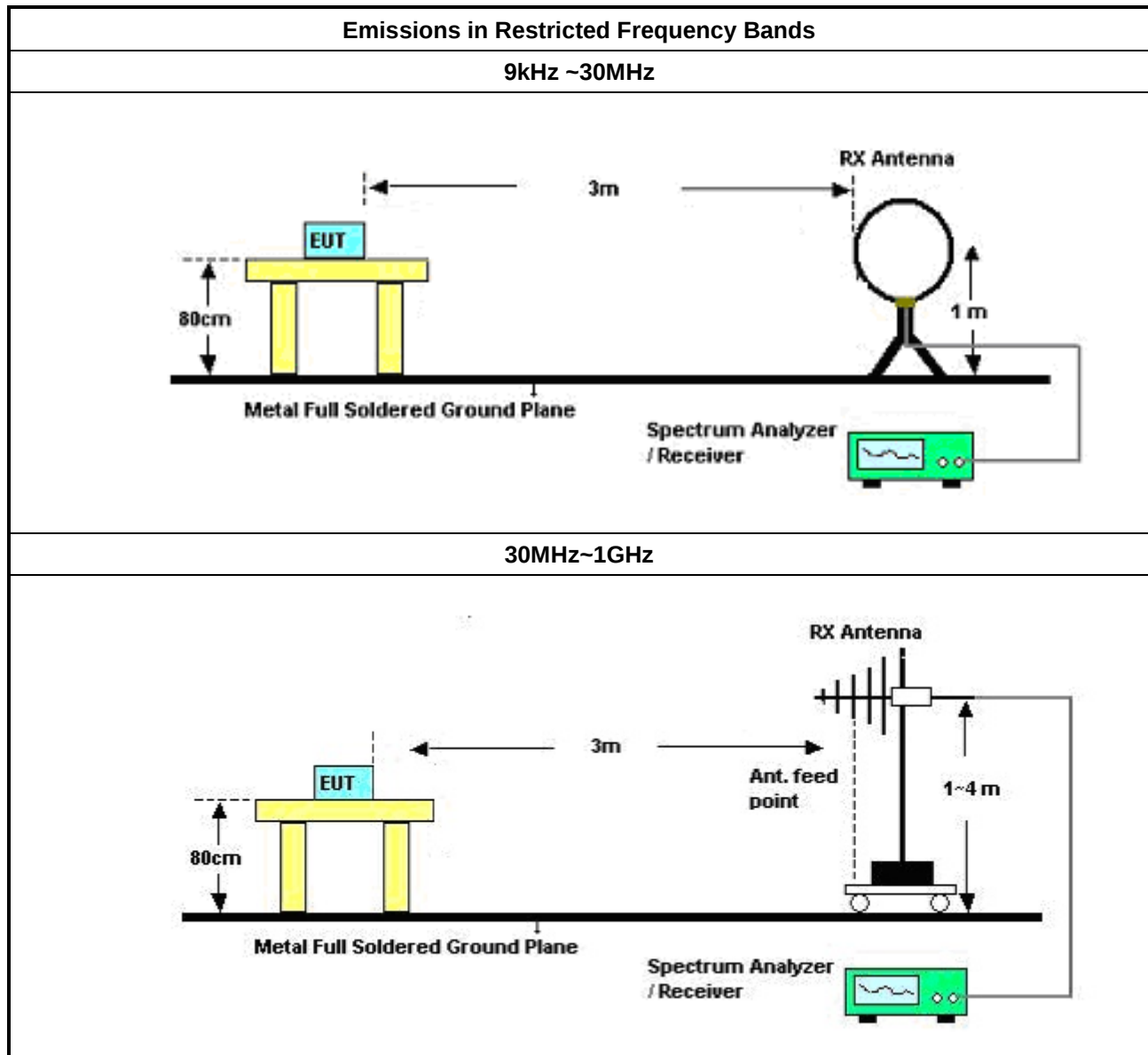
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
For the transmitter band-edge emissions shall be measured using following options below:	
	Refer as KDB 558074 clause 8.7.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.
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.

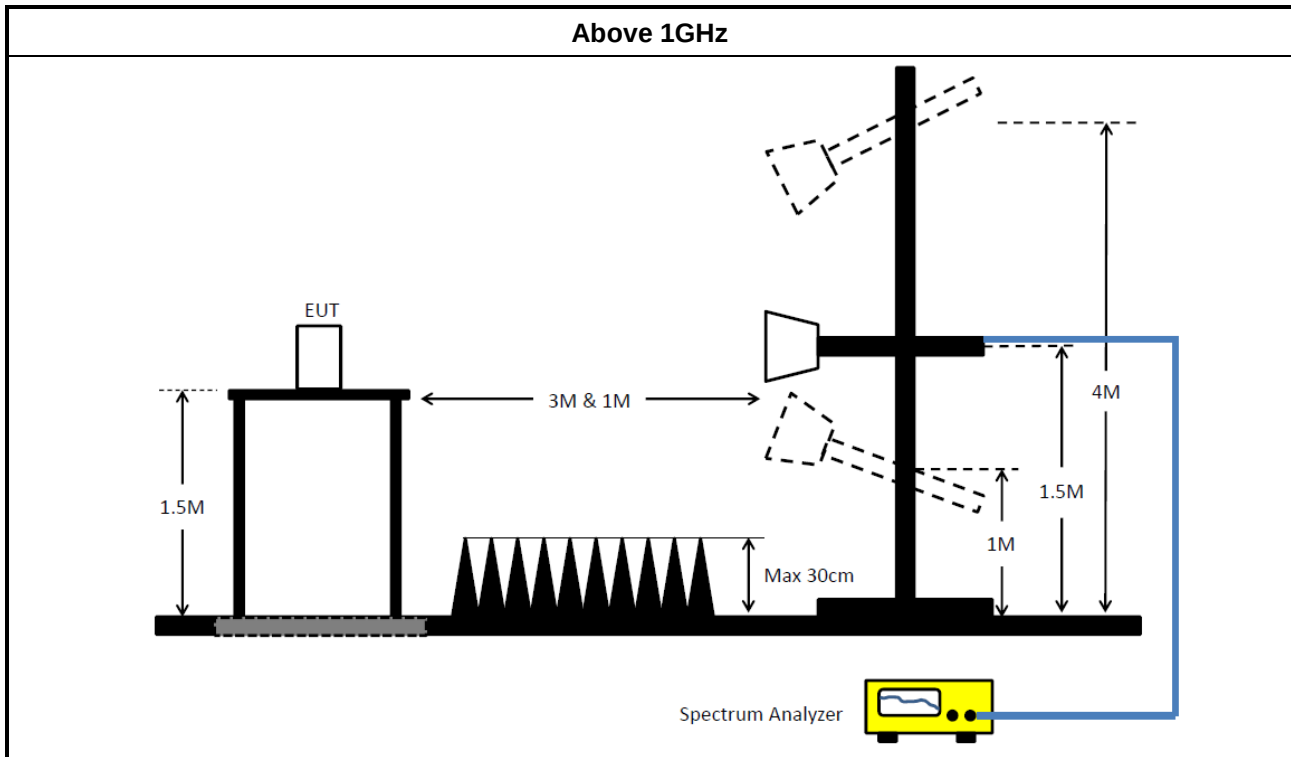
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.5 Test Setup





3.6.6 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



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-15247_DTS	Sporton	V5.10.7.17	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	02268	1GHz ~18GHz	14/Sep/2021	13/Sep/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 Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	08/Mar/2022	07/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	13/May/2022	12/May/2023
SENSE-15247_DTS	Sporton	v5.10.7.15	NA	NA	NA	NA

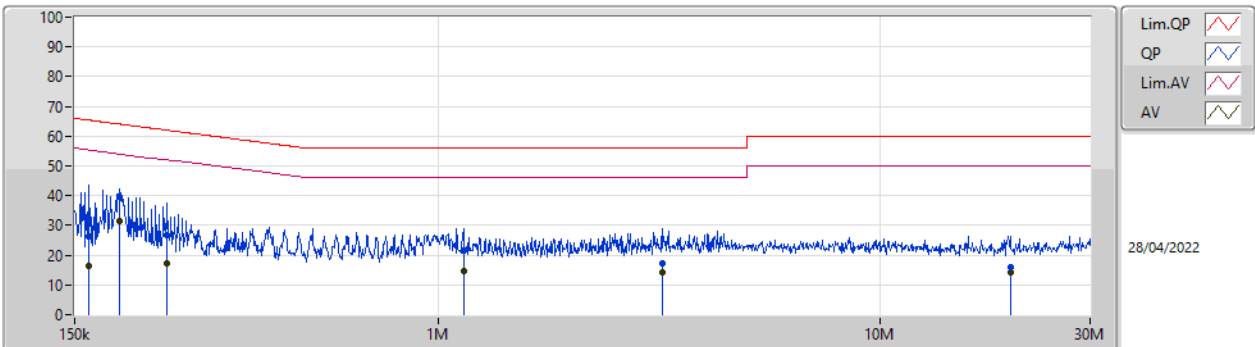
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	189.837k	31.62	54.05	-22.43	Line
Mode 2	Pass	QP	174.571k	48.72	64.74	-16.02	Neutral

Result

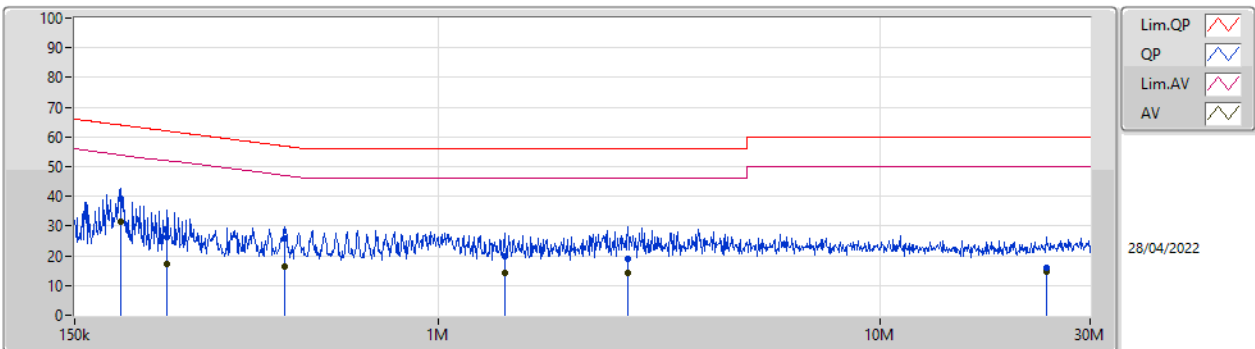
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	161.175k	26.36	65.41	-39.05	Line	-
Mode 1	Pass	AV	161.175k	16.48	55.41	-38.93	Line	-
Mode 1	Pass	QP	189.837k	39.75	64.05	-24.30	Line	-
Mode 1	Pass	AV	189.837k	31.62	54.05	-22.43	Line	-
Mode 1	Pass	QP	243.148k	26.72	61.98	-35.26	Line	-
Mode 1	Pass	AV	243.148k	17.20	51.98	-34.78	Line	-
Mode 1	Pass	QP	1.14M	21.49	56.00	-34.51	Line	-
Mode 1	Pass	AV	1.14M	14.60	46.00	-31.40	Line	-
Mode 1	Pass	QP	3.218M	17.20	56.00	-38.80	Line	-
Mode 1	Pass	AV	3.218M	14.43	46.00	-31.57	Line	-
Mode 1	Pass	QP	19.789M	15.95	60.00	-44.05	Line	-
Mode 1	Pass	AV	19.789M	14.12	50.00	-35.88	Line	-
Mode 1	Pass	QP	190.596k	39.28	64.01	-24.73	Neutral	-
Mode 1	Pass	AV	190.596k	31.55	54.01	-22.46	Neutral	-
Mode 1	Pass	QP	243.148k	26.22	61.98	-35.76	Neutral	-
Mode 1	Pass	AV	243.148k	17.18	51.98	-34.80	Neutral	-
Mode 1	Pass	QP	449.637k	25.71	56.88	-31.17	Neutral	-
Mode 1	Pass	AV	449.637k	16.19	46.88	-30.69	Neutral	-
Mode 1	Pass	QP	1.414M	19.65	56.00	-36.35	Neutral	-
Mode 1	Pass	AV	1.414M	14.01	46.00	-31.99	Neutral	-
Mode 1	Pass	QP	2.689M	18.97	56.00	-37.03	Neutral	-
Mode 1	Pass	AV	2.689M	14.32	46.00	-31.68	Neutral	-
Mode 1	Pass	QP	23.873M	16.09	60.00	-43.91	Neutral	-
Mode 1	Pass	AV	23.873M	14.81	50.00	-35.19	Neutral	-
Mode 2	Pass	QP	177.381k	46.12	64.60	-18.48	Line	-
Mode 2	Pass	AV	177.381k	34.67	54.60	-19.93	Line	-
Mode 2	Pass	QP	205.615k	39.79	63.38	-23.59	Line	-
Mode 2	Pass	AV	205.615k	26.27	53.38	-27.11	Line	-
Mode 2	Pass	QP	411.832k	29.32	57.61	-28.29	Line	-
Mode 2	Pass	AV	411.832k	21.04	47.61	-26.57	Line	-
Mode 2	Pass	QP	691.995k	24.41	56.00	-31.59	Line	-
Mode 2	Pass	AV	691.995k	17.54	46.00	-28.46	Line	-
Mode 2	Pass	QP	2.615M	24.15	56.00	-31.85	Line	-
Mode 2	Pass	AV	2.615M	18.09	46.00	-27.91	Line	-
Mode 2	Pass	QP	18.713M	21.93	60.00	-38.07	Line	-
Mode 2	Pass	AV	18.713M	16.24	50.00	-33.76	Line	-
Mode 2	Pass	QP	174.571k	48.72	64.74	-16.02	Neutral	-
Mode 2	Pass	AV	174.571k	38.08	54.74	-16.66	Neutral	-
Mode 2	Pass	QP	209.76k	40.15	63.21	-23.06	Neutral	-
Mode 2	Pass	AV	209.76k	28.59	53.21	-24.62	Neutral	-
Mode 2	Pass	QP	447.846k	32.78	56.92	-24.14	Neutral	-
Mode 2	Pass	AV	447.846k	24.26	46.92	-22.66	Neutral	-
Mode 2	Pass	QP	979.346k	21.99	56.00	-34.01	Neutral	-
Mode 2	Pass	AV	979.346k	14.14	46.00	-31.86	Neutral	-
Mode 2	Pass	QP	3.244M	23.96	56.00	-32.04	Neutral	-
Mode 2	Pass	AV	3.244M	16.53	46.00	-29.47	Neutral	-
Mode 2	Pass	QP	19.244M	20.37	60.00	-39.63	Neutral	-
Mode 2	Pass	AV	19.244M	15.85	50.00	-34.15	Neutral	-

Conducted Emissions at Powerline_Mode 1



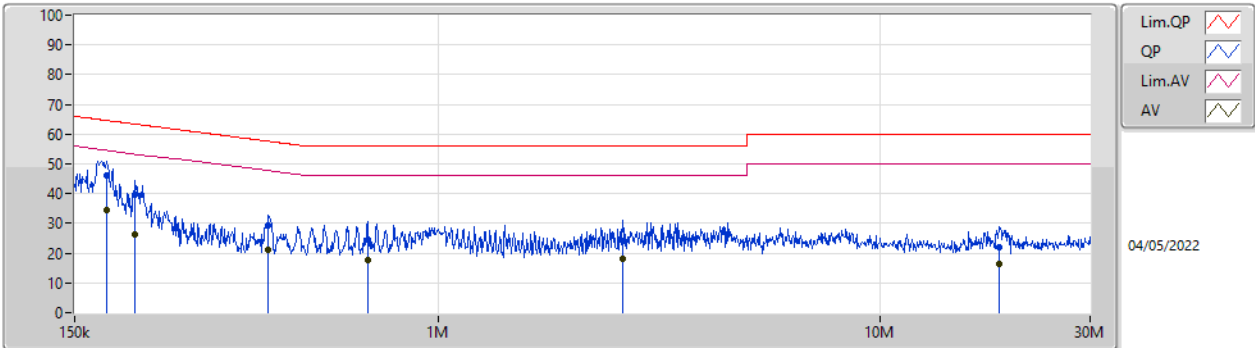
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	161.175k	26.36	65.41	-39.05	19.63	Line	-	6.73	9.69	0.03	9.91			
AV	161.175k	16.48	55.41	-38.93	19.63	Line	-	-3.15	9.69	0.03	9.91			
QP	189.837k	39.75	64.05	-24.30	19.63	Line	-	20.12	9.69	0.03	9.91			
AV	189.837k	31.62	54.05	-22.43	19.63	Line	-	11.99	9.69	0.03	9.91			
QP	243.148k	26.72	61.98	-35.26	19.63	Line	-	7.09	9.69	0.03	9.91			
AV	243.148k	17.20	51.98	-34.78	19.63	Line	-	-2.43	9.69	0.03	9.91			
QP	1.14M	21.49	56.00	-34.51	19.66	Line	-	1.83	9.68	0.06	9.92			
AV	1.14M	14.60	46.00	-31.40	19.66	Line	-	-5.06	9.68	0.06	9.92			
QP	3.218M	17.20	56.00	-38.80	19.74	Line	-	-2.54	9.71	0.11	9.92			
AV	3.218M	14.43	46.00	-31.57	19.74	Line	-	-5.31	9.71	0.11	9.92			
QP	19.789M	15.95	60.00	-44.05	19.99	Line	-	-4.04	9.79	0.27	9.93			
AV	19.789M	14.12	50.00	-35.88	19.99	Line	-	-5.87	9.79	0.27	9.93			

Conducted Emissions at Powerline_Mode 1



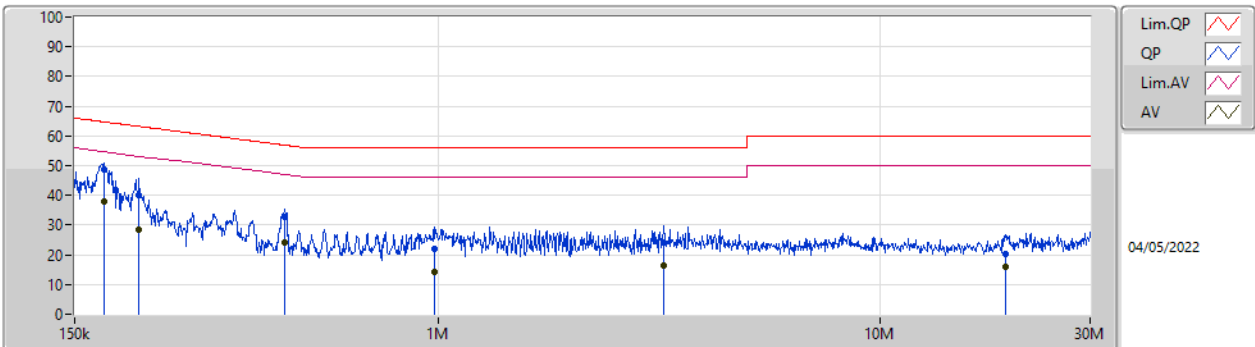
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	190.596k	39.28	64.01	-24.73	19.66	Neutral	-	19.62	9.72	0.03	9.91			
AV	190.596k	31.55	54.01	-22.46	19.66	Neutral	-	11.89	9.72	0.03	9.91			
QP	243.148k	26.22	61.98	-35.76	19.66	Neutral	-	6.56	9.72	0.03	9.91			
AV	243.148k	17.18	51.98	-34.80	19.66	Neutral	-	-2.48	9.72	0.03	9.91			
QP	449.637k	25.71	56.88	-31.17	19.67	Neutral	-	6.04	9.72	0.04	9.91			
AV	449.637k	16.19	46.88	-30.69	19.67	Neutral	-	-3.48	9.72	0.04	9.91			
QP	1.414M	19.65	56.00	-36.35	19.71	Neutral	-	-0.06	9.73	0.06	9.92			
AV	1.414M	14.01	46.00	-31.99	19.71	Neutral	-	-5.70	9.73	0.06	9.92			
QP	2.689M	18.97	56.00	-37.03	19.77	Neutral	-	-0.80	9.75	0.10	9.92			
AV	2.689M	14.32	46.00	-31.68	19.77	Neutral	-	-5.45	9.75	0.10	9.92			
QP	23.873M	16.09	60.00	-43.91	20.29	Neutral	-	-4.20	10.06	0.30	9.93			
AV	23.873M	14.81	50.00	-35.19	20.29	Neutral	-	-5.48	10.06	0.30	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	177.381k	46.12	64.60	-18.48	19.63	Line	-	26.49	9.69	0.03	9.91			
AV	177.381k	34.67	54.60	-19.93	19.63	Line	-	15.04	9.69	0.03	9.91			
QP	205.615k	39.79	63.38	-23.59	19.63	Line	-	20.16	9.69	0.03	9.91			
AV	205.615k	26.27	53.38	-27.11	19.63	Line	-	6.64	9.69	0.03	9.91			
QP	411.832k	29.32	57.61	-28.29	19.63	Line	-	9.69	9.68	0.04	9.91			
AV	411.832k	21.04	47.61	-26.57	19.63	Line	-	1.41	9.68	0.04	9.91			
QP	691.995k	24.41	56.00	-31.59	19.65	Line	-	4.76	9.68	0.05	9.92			
AV	691.995k	17.54	46.00	-28.46	19.65	Line	-	-2.11	9.68	0.05	9.92			
QP	2.615M	24.15	56.00	-31.85	19.72	Line	-	4.43	9.70	0.10	9.92			
AV	2.615M	18.09	46.00	-27.91	19.72	Line	-	-1.63	9.70	0.10	9.92			
QP	18.713M	21.93	60.00	-38.07	19.98	Line	-	1.95	9.79	0.26	9.93			
AV	18.713M	16.24	50.00	-33.76	19.98	Line	-	-3.74	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	174.571k	48.72	64.74	-16.02	19.66	Neutral	-	29.06	9.72	0.03	9.91			
AV	174.571k	38.08	54.74	-16.66	19.66	Neutral	-	18.42	9.72	0.03	9.91			
QP	209.76k	40.15	63.21	-23.06	19.66	Neutral	-	20.49	9.72	0.03	9.91			
AV	209.76k	28.59	53.21	-24.62	19.66	Neutral	-	8.93	9.72	0.03	9.91			
QP	447.846k	32.78	56.92	-24.14	19.67	Neutral	-	13.11	9.72	0.04	9.91			
AV	447.846k	24.26	46.92	-22.66	19.67	Neutral	-	4.59	9.72	0.04	9.91			
QP	979.346k	21.99	56.00	-34.01	19.70	Neutral	-	2.29	9.73	0.05	9.92			
AV	979.346k	14.14	46.00	-31.86	19.70	Neutral	-	-5.56	9.73	0.05	9.92			
QP	3.244M	23.96	56.00	-32.04	19.78	Neutral	-	4.18	9.75	0.11	9.92			
AV	3.244M	16.53	46.00	-29.47	19.78	Neutral	-	-3.25	9.75	0.11	9.92			
QP	19.244M	20.37	60.00	-39.63	20.18	Neutral	-	0.19	9.98	0.27	9.93			
AV	19.244M	15.85	50.00	-34.15	20.18	Neutral	-	-4.33	9.98	0.27	9.93			



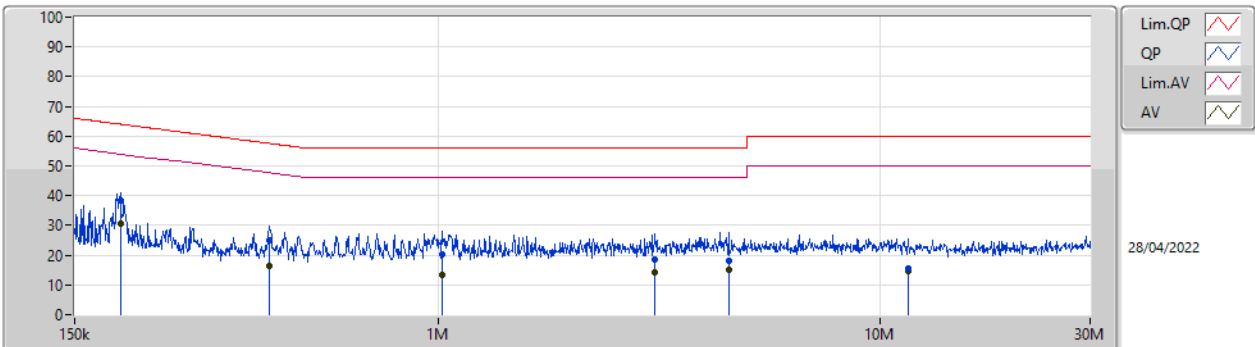
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	190.596k	30.70	54.01	-23.31	Line
Mode 2	Pass	AV	171.806k	41.33	54.87	-13.54	Line

Result

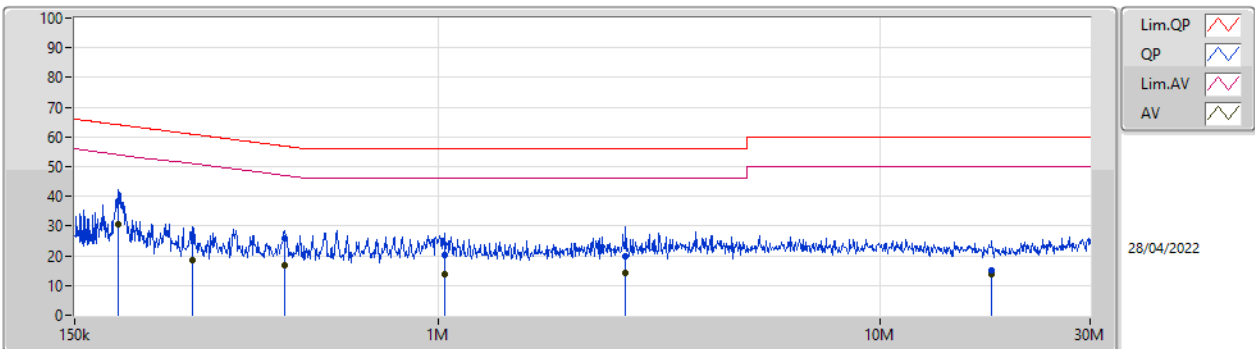
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	190.596k	38.28	64.01	-25.73	Line	-
Mode 1	Pass	AV	190.596k	30.70	54.01	-23.31	Line	-
Mode 1	Pass	QP	415.134k	25.20	57.55	-32.35	Line	-
Mode 1	Pass	AV	415.134k	16.32	47.55	-31.23	Line	-
Mode 1	Pass	QP	1.019M	20.27	56.00	-35.73	Line	-
Mode 1	Pass	AV	1.019M	13.19	46.00	-32.81	Line	-
Mode 1	Pass	QP	3.104M	18.48	56.00	-37.52	Line	-
Mode 1	Pass	AV	3.104M	14.43	46.00	-31.57	Line	-
Mode 1	Pass	QP	4.554M	17.91	56.00	-38.09	Line	-
Mode 1	Pass	AV	4.554M	14.92	46.00	-31.08	Line	-
Mode 1	Pass	QP	11.591M	15.60	60.00	-44.40	Line	-
Mode 1	Pass	AV	11.591M	14.68	50.00	-35.32	Line	-
Mode 1	Pass	QP	188.327k	38.24	64.11	-25.87	Neutral	-
Mode 1	Pass	AV	188.327k	30.60	54.11	-23.51	Neutral	-
Mode 1	Pass	QP	277.385k	26.85	60.89	-34.04	Neutral	-
Mode 1	Pass	AV	277.385k	18.43	50.89	-32.46	Neutral	-
Mode 1	Pass	QP	449.637k	26.04	56.88	-30.84	Neutral	-
Mode 1	Pass	AV	449.637k	16.79	46.88	-30.09	Neutral	-
Mode 1	Pass	QP	1.032M	20.40	56.00	-35.60	Neutral	-
Mode 1	Pass	AV	1.032M	13.95	46.00	-32.05	Neutral	-
Mode 1	Pass	QP	2.657M	19.97	56.00	-36.03	Neutral	-
Mode 1	Pass	AV	2.657M	14.33	46.00	-31.67	Neutral	-
Mode 1	Pass	QP	17.981M	14.93	60.00	-45.07	Neutral	-
Mode 1	Pass	AV	17.981M	13.89	50.00	-36.11	Neutral	-
Mode 2	Pass	QP	171.806k	50.26	64.87	-14.61	Line	-
Mode 2	Pass	AV	171.806k	41.33	54.87	-13.54	Line	-
Mode 2	Pass	QP	208.092k	39.82	63.28	-23.46	Line	-
Mode 2	Pass	AV	208.092k	26.71	53.28	-26.57	Line	-
Mode 2	Pass	QP	413.48k	30.28	57.59	-27.31	Line	-
Mode 2	Pass	AV	413.48k	21.48	47.59	-26.11	Line	-
Mode 2	Pass	QP	1.027M	22.22	56.00	-33.78	Line	-
Mode 2	Pass	AV	1.027M	14.55	46.00	-31.45	Line	-
Mode 2	Pass	QP	2.657M	23.09	56.00	-32.91	Line	-
Mode 2	Pass	AV	2.657M	16.68	46.00	-29.32	Line	-
Mode 2	Pass	QP	18.713M	21.84	60.00	-38.16	Line	-
Mode 2	Pass	AV	18.713M	16.27	50.00	-33.73	Line	-
Mode 2	Pass	QP	171.806k	49.18	64.87	-15.69	Neutral	-
Mode 2	Pass	AV	171.806k	37.10	54.87	-17.77	Neutral	-
Mode 2	Pass	QP	208.925k	40.50	63.25	-22.75	Neutral	-
Mode 2	Pass	AV	208.925k	28.64	53.25	-24.61	Neutral	-
Mode 2	Pass	QP	446.062k	31.88	56.96	-25.08	Neutral	-
Mode 2	Pass	AV	446.062k	23.40	46.96	-23.56	Neutral	-
Mode 2	Pass	QP	1.036M	22.02	56.00	-33.98	Neutral	-
Mode 2	Pass	AV	1.036M	16.40	46.00	-29.60	Neutral	-
Mode 2	Pass	QP	3.458M	22.98	56.00	-33.02	Neutral	-
Mode 2	Pass	AV	3.458M	16.07	46.00	-29.93	Neutral	-
Mode 2	Pass	QP	19.475M	20.24	60.00	-39.76	Neutral	-
Mode 2	Pass	AV	19.475M	15.81	50.00	-34.19	Neutral	-

Conducted Emissions at Powerline_Mode 1



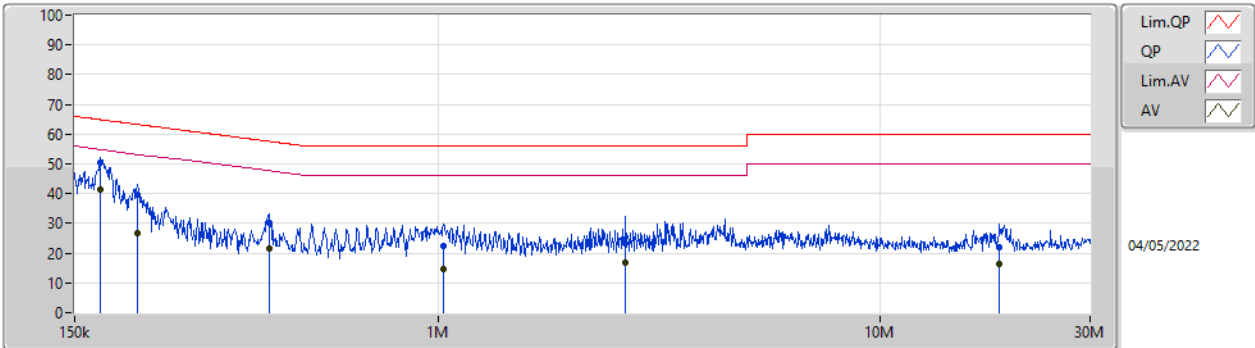
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	190.596k	38.28	64.01	-25.73	19.63	Line	-	18.65	9.69	0.03	9.91			
AV	190.596k	30.70	54.01	-23.31	19.63	Line	-	11.07	9.69	0.03	9.91			
QP	415.134k	25.20	57.55	-32.35	19.63	Line	-	5.57	9.68	0.04	9.91			
AV	415.134k	16.32	47.55	-31.23	19.63	Line	-	-3.31	9.68	0.04	9.91			
QP	1.019M	20.27	56.00	-35.73	19.65	Line	-	0.62	9.68	0.05	9.92			
AV	1.019M	13.19	46.00	-32.81	19.65	Line	-	-6.46	9.68	0.05	9.92			
QP	3.104M	18.48	56.00	-37.52	19.74	Line	-	-1.26	9.71	0.11	9.92			
AV	3.104M	14.43	46.00	-31.57	19.74	Line	-	-5.31	9.71	0.11	9.92			
QP	4.554M	17.91	56.00	-38.09	19.78	Line	-	-1.87	9.72	0.14	9.92			
AV	4.554M	14.92	46.00	-31.08	19.78	Line	-	-4.86	9.72	0.14	9.92			
QP	11.591M	15.60	60.00	-44.40	19.94	Line	-	-4.34	9.81	0.20	9.93			
AV	11.591M	14.68	50.00	-35.32	19.94	Line	-	-5.26	9.81	0.20	9.93			

Conducted Emissions at Powerline_Mode 1



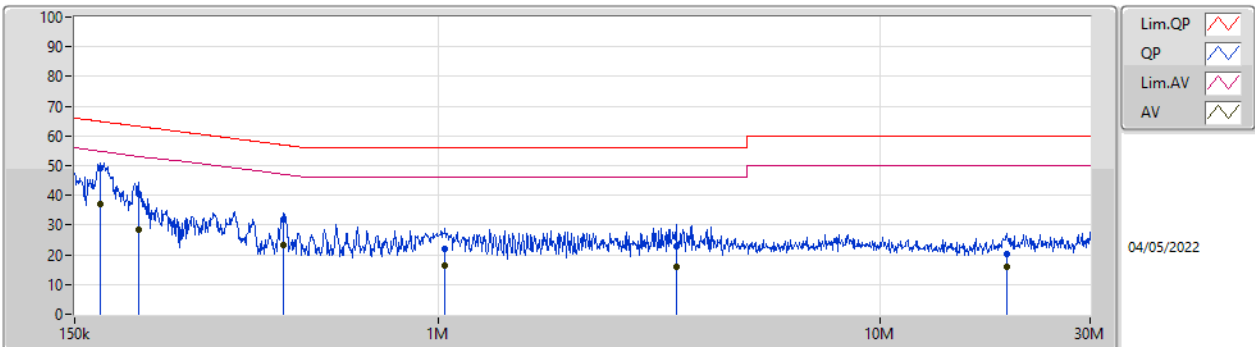
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	188.327k	38.24	64.11	-25.87	19.66	Neutral	-	18.58	9.72	0.03	9.91			
AV	188.327k	30.60	54.11	-23.51	19.66	Neutral	-	10.94	9.72	0.03	9.91			
QP	277.385k	26.85	60.89	-34.04	19.66	Neutral	-	7.19	9.72	0.03	9.91			
AV	277.385k	18.43	50.89	-32.46	19.66	Neutral	-	-1.23	9.72	0.03	9.91			
QP	449.637k	26.04	56.88	-30.84	19.67	Neutral	-	6.37	9.72	0.04	9.91			
AV	449.637k	16.79	46.88	-30.09	19.67	Neutral	-	-2.88	9.72	0.04	9.91			
QP	1.032M	20.40	56.00	-35.60	19.70	Neutral	-	0.70	9.73	0.05	9.92			
AV	1.032M	13.95	46.00	-32.05	19.70	Neutral	-	-5.75	9.73	0.05	9.92			
QP	2.657M	19.97	56.00	-36.03	19.77	Neutral	-	0.20	9.75	0.10	9.92			
AV	2.657M	14.33	46.00	-31.67	19.77	Neutral	-	-5.44	9.75	0.10	9.92			
QP	17.981M	14.93	60.00	-45.07	20.16	Neutral	-	-5.23	9.97	0.26	9.93			
AV	17.981M	13.89	50.00	-36.11	20.16	Neutral	-	-6.27	9.97	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	171.806k	50.26	64.87	-14.61	19.63	Line	-	30.63	9.69	0.03	9.91			
AV	171.806k	41.33	54.87	-13.54	19.63	Line	-	21.70	9.69	0.03	9.91			
QP	208.092k	39.82	63.28	-23.46	19.63	Line	-	20.19	9.69	0.03	9.91			
AV	208.092k	26.71	53.28	-26.57	19.63	Line	-	7.08	9.69	0.03	9.91			
QP	413.48k	30.28	57.59	-27.31	19.63	Line	-	10.65	9.68	0.04	9.91			
AV	413.48k	21.48	47.59	-26.11	19.63	Line	-	1.85	9.68	0.04	9.91			
QP	1.027M	22.22	56.00	-33.78	19.65	Line	-	2.57	9.68	0.05	9.92			
AV	1.027M	14.55	46.00	-31.45	19.65	Line	-	-5.10	9.68	0.05	9.92			
QP	2.657M	23.09	56.00	-32.91	19.72	Line	-	3.37	9.70	0.10	9.92			
AV	2.657M	16.68	46.00	-29.32	19.72	Line	-	-3.04	9.70	0.10	9.92			
QP	18.713M	21.84	60.00	-38.16	19.98	Line	-	1.86	9.79	0.26	9.93			
AV	18.713M	16.27	50.00	-33.73	19.98	Line	-	-3.71	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	171.806k	49.18	64.87	-15.69	19.67	Neutral	-	29.51	9.73	0.03	9.91			
AV	171.806k	37.10	54.87	-17.77	19.67	Neutral	-	17.43	9.73	0.03	9.91			
QP	208.925k	40.50	63.25	-22.75	19.66	Neutral	-	20.84	9.72	0.03	9.91			
AV	208.925k	28.64	53.25	-24.61	19.66	Neutral	-	8.98	9.72	0.03	9.91			
QP	446.062k	31.88	56.96	-25.08	19.67	Neutral	-	12.21	9.72	0.04	9.91			
AV	446.062k	23.40	46.96	-23.56	19.67	Neutral	-	3.73	9.72	0.04	9.91			
QP	1.036M	22.02	56.00	-33.98	19.70	Neutral	-	2.32	9.73	0.05	9.92			
AV	1.036M	16.40	46.00	-29.60	19.70	Neutral	-	-3.30	9.73	0.05	9.92			
QP	3.458M	22.98	56.00	-33.02	19.80	Neutral	-	3.18	9.76	0.12	9.92			
AV	3.458M	16.07	46.00	-29.93	19.80	Neutral	-	-3.73	9.76	0.12	9.92			
QP	19.475M	20.24	60.00	-39.76	20.19	Neutral	-	0.05	9.99	0.27	9.93			
AV	19.475M	15.81	50.00	-34.19	20.19	Neutral	-	-4.38	9.99	0.27	9.93			

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	9M	13.118M	13M2G1D	7.075M	12.969M
802.11b_Nss1,(1Mbps)_1TX(Port2)	8.05M	13.093M	13M1G1D	7.075M	12.844M
802.11b_Nss1,(1Mbps)_2TX	8.5M	13.093M	13M1G1D	7.05M	12.844M
802.11g_Nss1,(6Mbps)_1TX(Port1)	16.325M	16.517M	16M6D1D	16.275M	16.442M
802.11g_Nss1,(6Mbps)_1TX(Port2)	16.325M	16.467M	16M5D1D	16.325M	16.417M
802.11g_Nss1,(6Mbps)_2TX	16.325M	16.467M	16M5D1D	16.3M	16.417M
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	17.575M	17.641M	17M7D1D	17.525M	17.616M
802.11n HT20_Nss1,(MCS0)_1TX(Port2)	17.55M	17.641M	17M7D1D	17.275M	17.616M
802.11n HT20_Nss1,(MCS0)_2TX	17.55M	17.641M	17M7D1D	17.15M	17.591M
802.11n HT40_Nss1,(MCS0)_1TX(Port1)	36M	36.282M	36M3D1D	35.5M	36.182M
802.11n HT40_Nss1,(MCS0)_1TX(Port2)	36.3M	36.382M	36M4D1D	35.75M	36.232M
802.11n HT40_Nss1,(MCS0)_2TX	36.35M	36.332M	36M4D1D	35.25M	36.182M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	18.95M	18.966M	19M0D1D	18.75M	18.891M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	18.95M	18.966M	19M0D1D	18.825M	18.916M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.95M	18.966M	19M0D1D	18.725M	18.916M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	37.9M	37.981M	38M0D1D	37.25M	37.881M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	37.9M	38.031M	38M0D1D	37.4M	37.831M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.95M	38.031M	38M0D1D	36.9M	37.831M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; 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)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	500k	8.025M	12.969M		
2437MHz	Pass	500k	9M	13.093M		
2462MHz	Pass	500k	7.55M	12.969M		
2467MHz	Pass	500k	7.55M	13.118M		
2472MHz	Pass	500k	7.075M	12.969M		
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	500k			7.55M	12.969M
2437MHz	Pass	500k			7.075M	13.018M
2462MHz	Pass	500k			8.05M	12.969M
2467MHz	Pass	500k			7.575M	13.093M
2472MHz	Pass	500k			7.55M	12.844M
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	8.025M	13.043M	7.525M	13.068M
2437MHz	Pass	500k	7.975M	13.043M	7.075M	13.043M
2462MHz	Pass	500k	7.05M	13.018M	8.05M	13.043M
2467MHz	Pass	500k	8.5M	13.093M	8.475M	13.093M
2472MHz	Pass	500k	8.025M	12.944M	8M	12.844M
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.467M		
2437MHz	Pass	500k	16.275M	16.517M		
2462MHz	Pass	500k	16.3M	16.467M		
2467MHz	Pass	500k	16.325M	16.467M		
2472MHz	Pass	500k	16.3M	16.442M		
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	500k			16.325M	16.442M
2437MHz	Pass	500k			16.325M	16.467M
2462MHz	Pass	500k			16.325M	16.442M
2467MHz	Pass	500k			16.325M	16.417M
2472MHz	Pass	500k			16.325M	16.442M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.3M	16.417M	16.325M	16.467M
2437MHz	Pass	500k	16.3M	16.467M	16.325M	16.467M
2462MHz	Pass	500k	16.3M	16.467M	16.325M	16.467M
2467MHz	Pass	500k	16.325M	16.442M	16.3M	16.467M
2472MHz	Pass	500k	16.325M	16.467M	16.3M	16.442M
802.11n_HT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	500k	17.575M	17.641M		
2437MHz	Pass	500k	17.525M	17.616M		
2462MHz	Pass	500k	17.575M	17.616M		
2467MHz	Pass	500k	17.525M	17.616M		
2472MHz	Pass	500k	17.55M	17.616M		
802.11n_HT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	500k			17.525M	17.641M
2437MHz	Pass	500k			17.55M	17.616M
2462MHz	Pass	500k			17.55M	17.641M
2467MHz	Pass	500k			17.55M	17.641M
2472MHz	Pass	500k			17.275M	17.641M
802.11n_HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.525M	17.641M	17.55M	17.641M
2437MHz	Pass	500k	17.5M	17.641M	17.55M	17.591M
2462MHz	Pass	500k	17.55M	17.641M	17.55M	17.641M
2467MHz	Pass	500k	17.55M	17.616M	17.525M	17.616M
2472MHz	Pass	500k	17.55M	17.641M	17.15M	17.641M
802.11n_HT40_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
2422MHz	Pass	500k	35.7M	36.282M		
2437MHz	Pass	500k	35.5M	36.182M		
2452MHz	Pass	500k	35.9M	36.282M		
2457MHz	Pass	500k	36M	36.282M		
2462MHz	Pass	500k	35.95M	36.282M		
802.11n HT40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz	Pass	500k			36.05M	36.382M
2437MHz	Pass	500k			36.3M	36.232M
2452MHz	Pass	500k			36.05M	36.232M
2457MHz	Pass	500k			36.3M	36.332M
2462MHz	Pass	500k			35.75M	36.232M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.95M	36.332M	36.3M	36.332M
2437MHz	Pass	500k	35.7M	36.232M	35.65M	36.232M
2452MHz	Pass	500k	35.7M	36.232M	36.25M	36.182M
2457MHz	Pass	500k	36.25M	36.332M	36.35M	36.332M
2462MHz	Pass	500k	35.9M	36.232M	35.25M	36.282M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	500k	18.95M	18.966M		
2437MHz	Pass	500k	18.85M	18.966M		
2462MHz	Pass	500k	18.775M	18.941M		
2467MHz	Pass	500k	18.75M	18.941M		
2472MHz	Pass	500k	18.8M	18.891M		
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	500k			18.95M	18.966M
2437MHz	Pass	500k			18.875M	18.941M
2462MHz	Pass	500k			18.9M	18.966M
2467MHz	Pass	500k			18.825M	18.941M
2472MHz	Pass	500k			18.95M	18.916M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.8M	18.966M	18.775M	18.941M
2437MHz	Pass	500k	18.9M	18.916M	18.925M	18.941M
2462MHz	Pass	500k	18.875M	18.966M	18.85M	18.966M
2467MHz	Pass	500k	18.95M	18.966M	18.825M	18.966M
2472MHz	Pass	500k	18.725M	18.916M	18.825M	18.916M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
2422MHz	Pass	500k	37.9M	37.931M		
2437MHz	Pass	500k	37.25M	37.981M		
2452MHz	Pass	500k	37.9M	37.881M		
2457MHz	Pass	500k	37.65M	37.981M		
2462MHz	Pass	500k	37.7M	37.931M		
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz	Pass	500k			37.8M	38.031M
2437MHz	Pass	500k			37.4M	37.831M
2452MHz	Pass	500k			37.7M	37.931M
2457MHz	Pass	500k			37.9M	37.981M
2462MHz	Pass	500k			37.75M	37.881M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.65M	38.031M	37.9M	38.031M
2437MHz	Pass	500k	37.9M	37.881M	36.9M	37.881M
2452MHz	Pass	500k	37.85M	38.031M	37.45M	37.931M
2457MHz	Pass	500k	37.95M	37.931M	37.95M	37.981M
2462MHz	Pass	500k	37.65M	37.931M	37.7M	37.831M

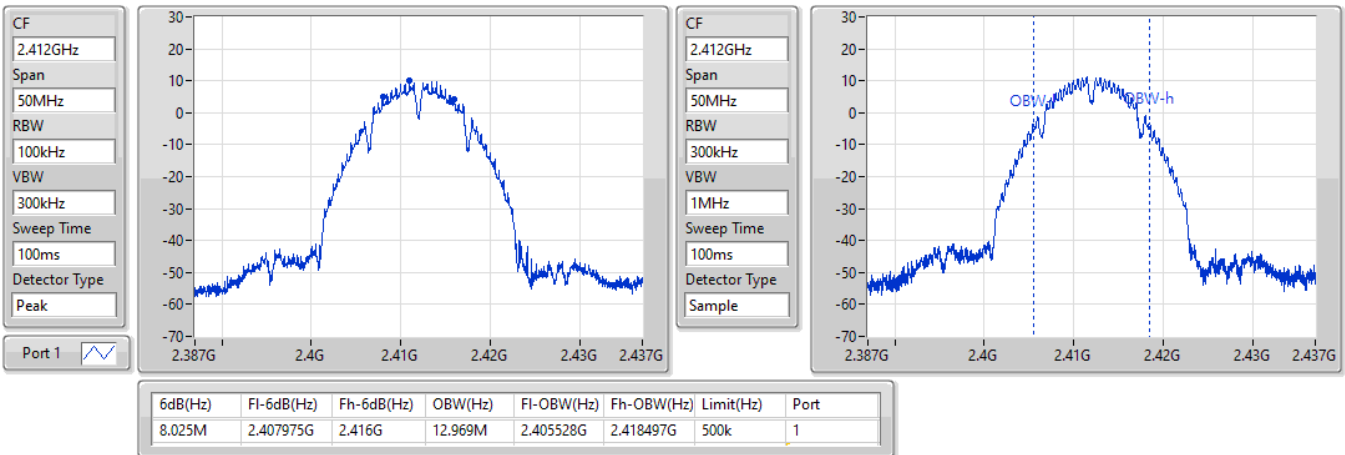
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_1TX(Port1)

EBW

2412MHz

16/05/2022

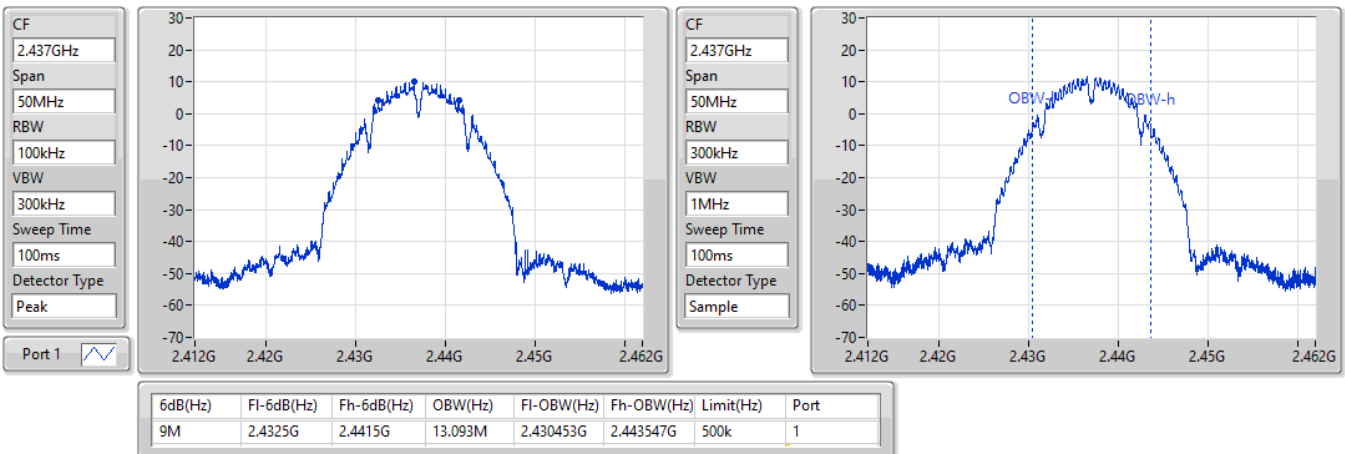


802.11b_Nss1,(1Mbps)_1TX(Port1)

EBW

2437MHz

16/05/2022

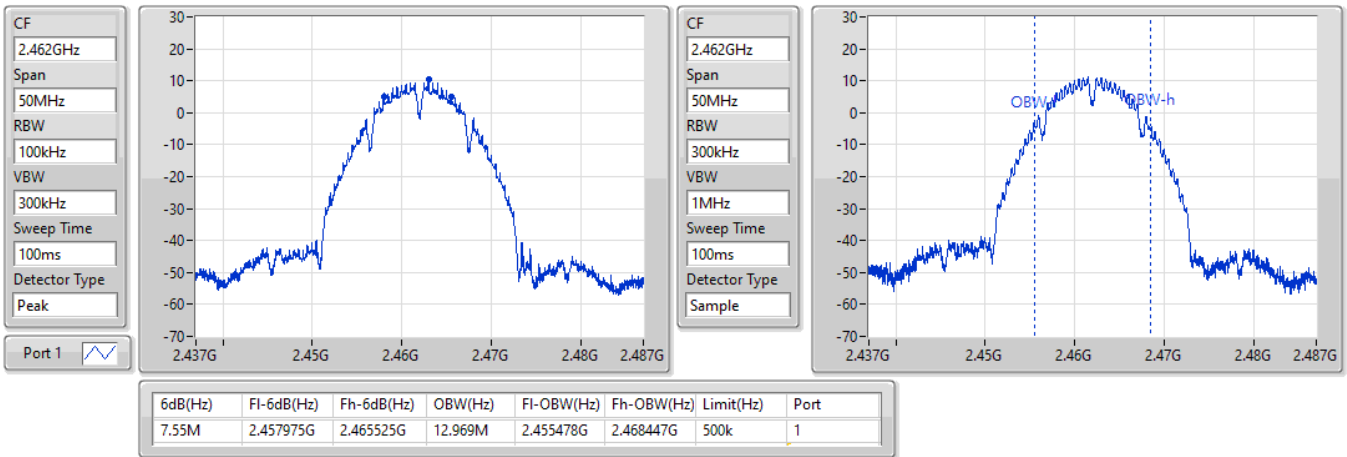


802.11b_Nss1,(1Mbps)_1TX(Port1)

EBW

2462MHz

16/05/2022

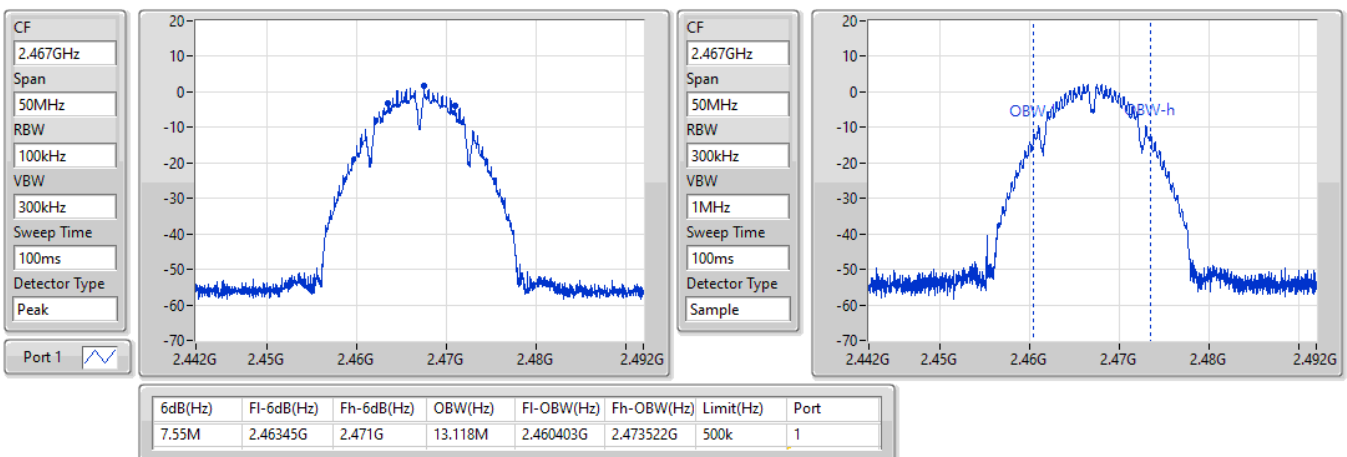


802.11b_Nss1,(1Mbps)_1TX(Port1)

EBW

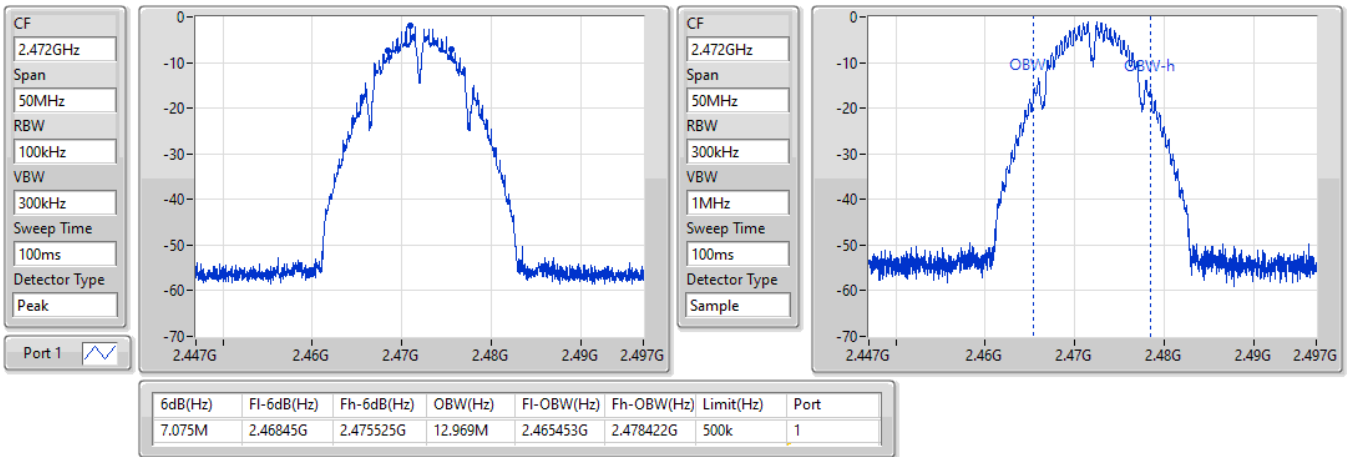
2467MHz

16/05/2022

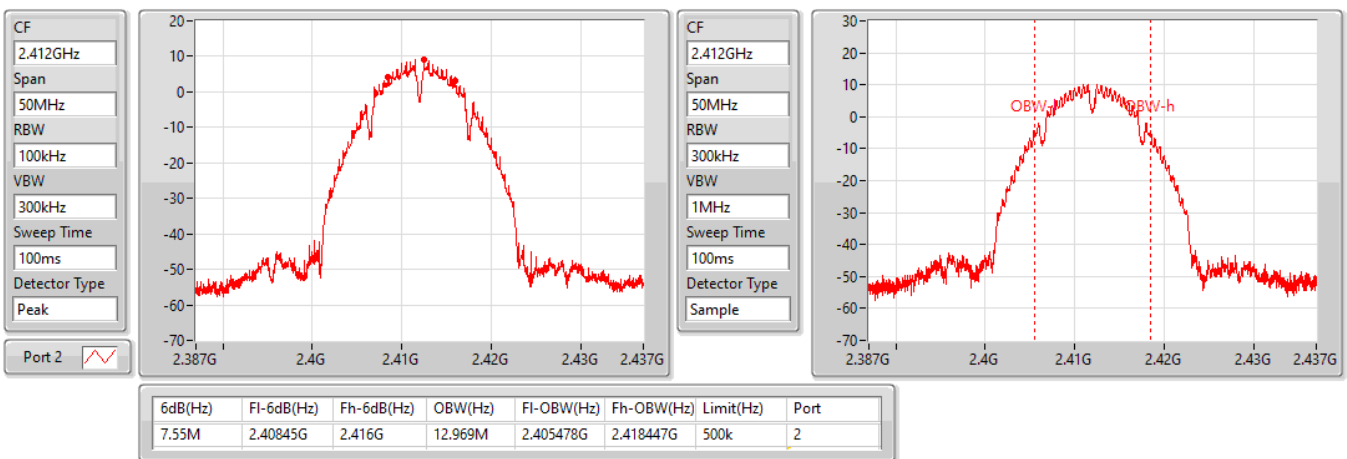


802.11b_Nss1,(1Mbps)_1TX(Port1)
EBW
2472MHz

16/05/2022


802.11b_Nss1,(1Mbps)_1TX(Port2)
EBW
2412MHz

16/05/2022

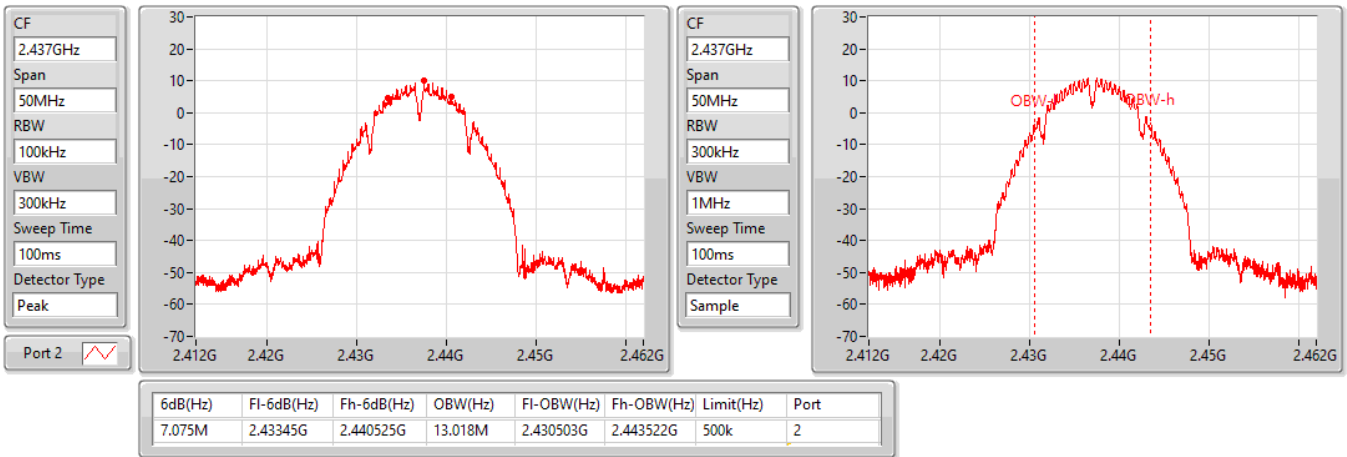


802.11b_Nss1,(1Mbps)_1TX(Port2)

EBW

2437MHz

16/05/2022

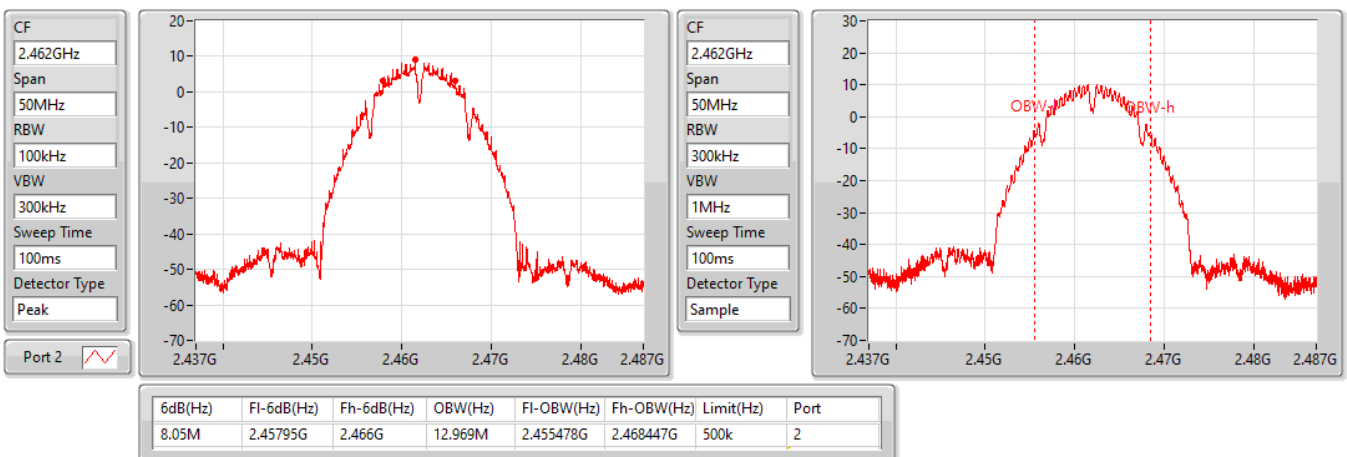


802.11b_Nss1,(1Mbps)_1TX(Port2)

EBW

2462MHz

16/05/2022

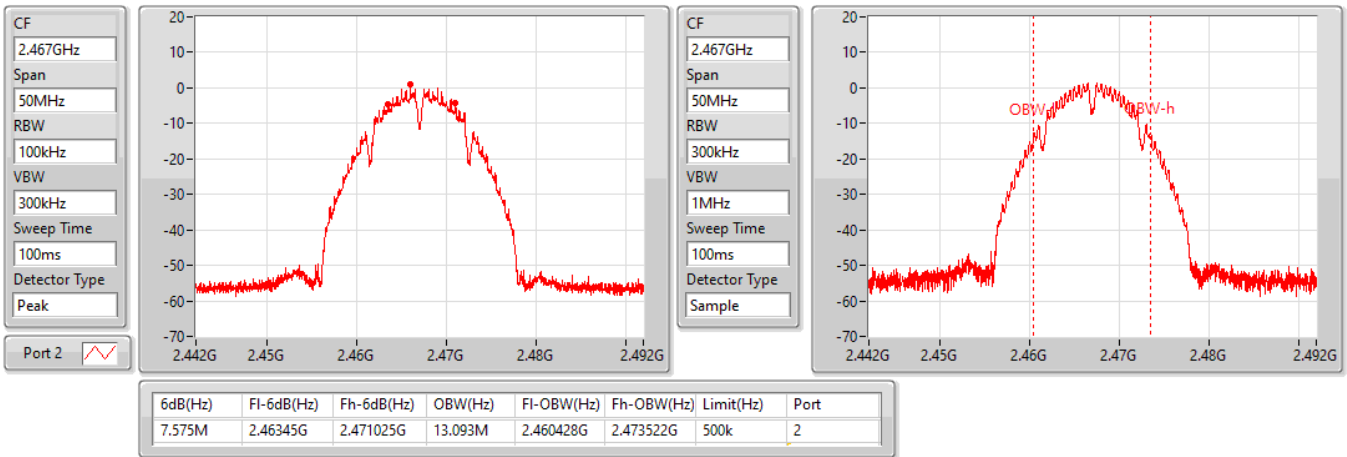


802.11b_Nss1,(1Mbps)_1TX(Port2)

EBW

2467MHz

16/05/2022

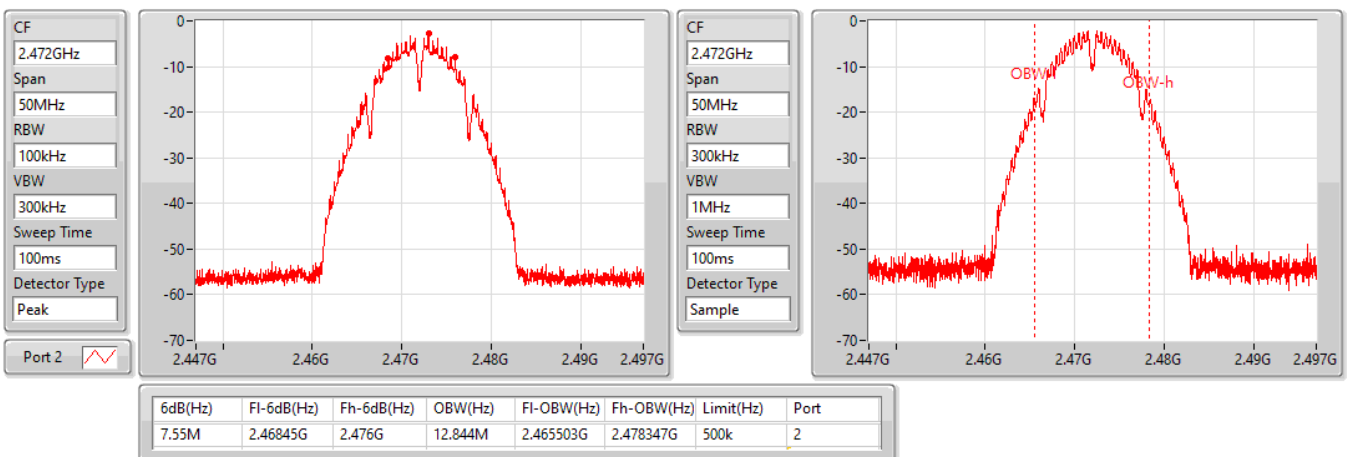


802.11b_Nss1,(1Mbps)_1TX(Port2)

EBW

2472MHz

16/05/2022

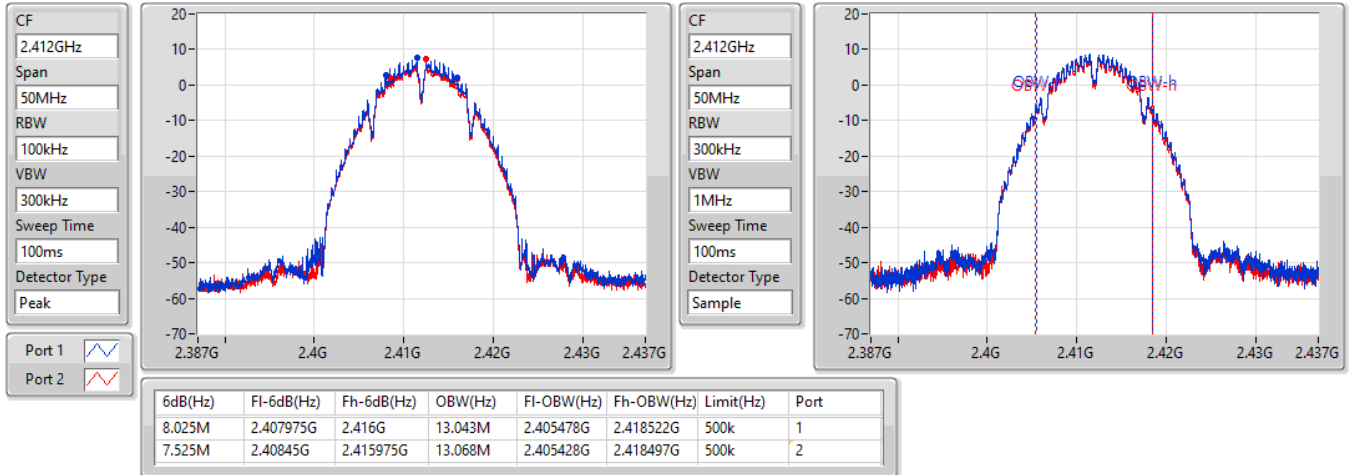


802.11b_Nss1,(1Mbps)_2TX

EBW

2412MHz

16/05/2022

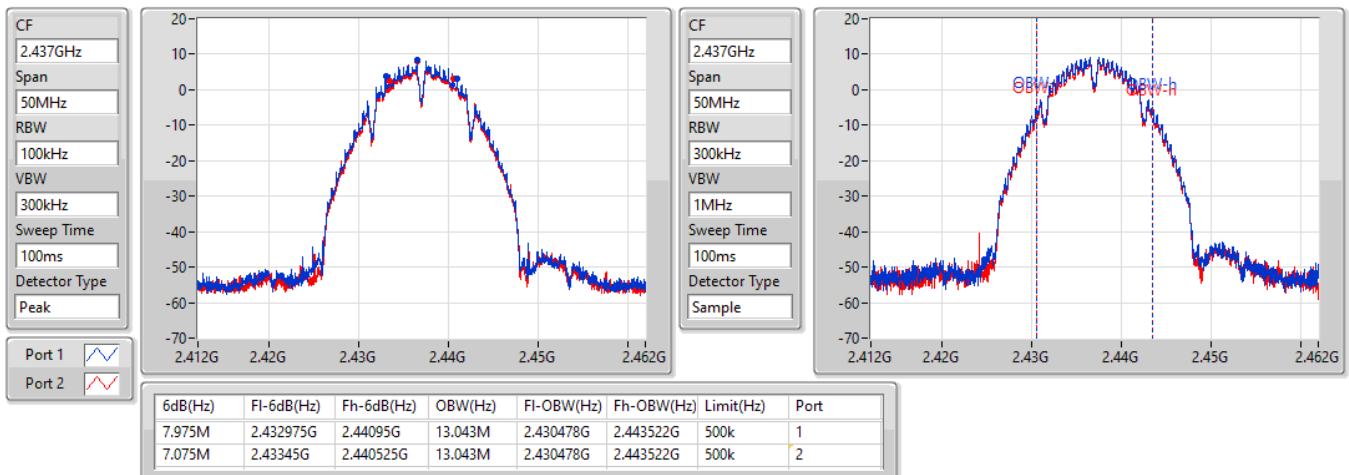


802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

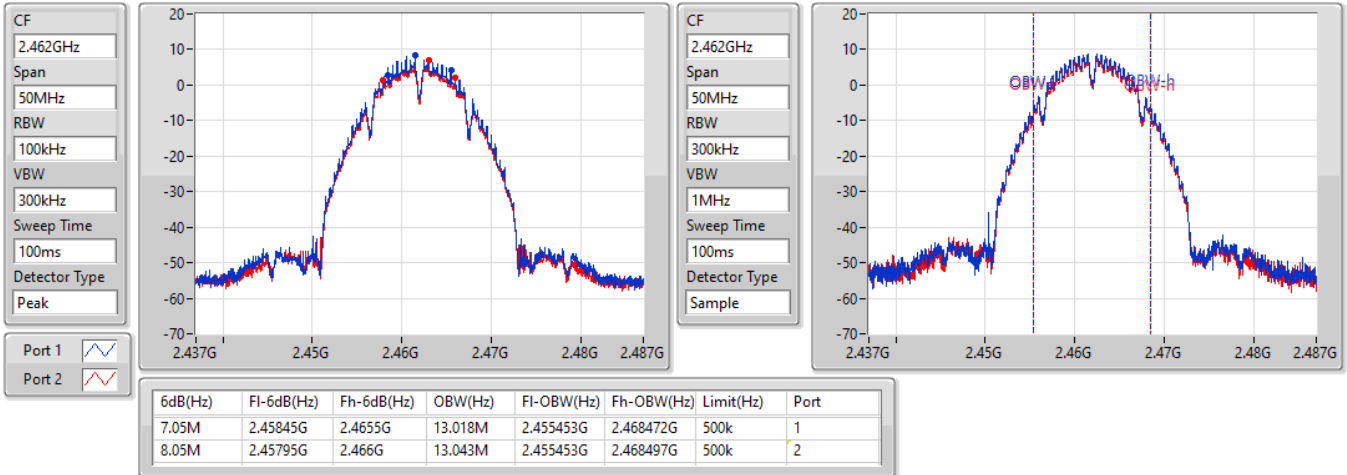
16/05/2022



802.11b_Nss1,(1Mbps)_2TX

2462MHz

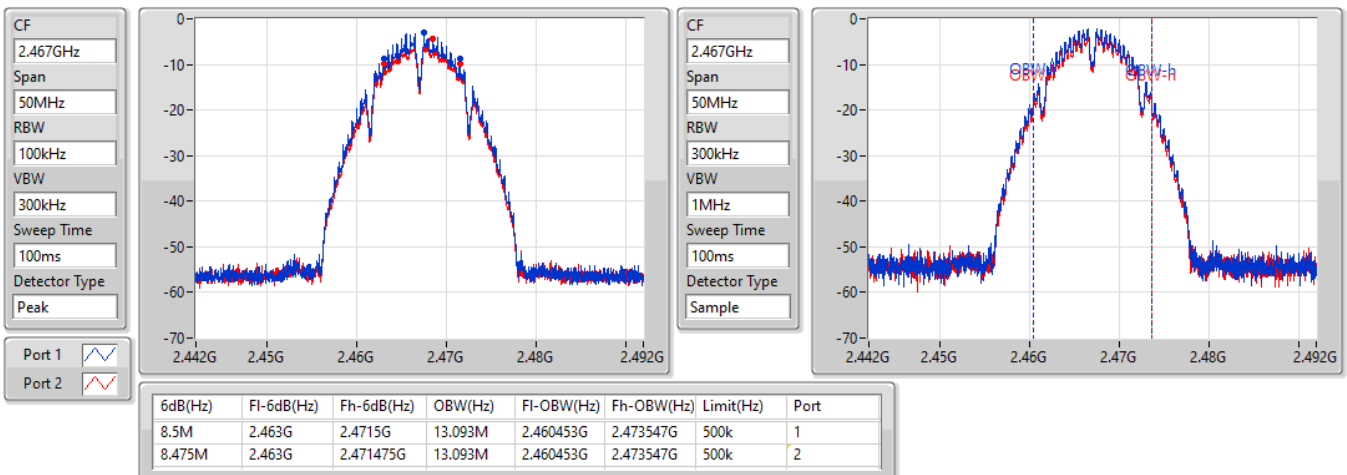
16/05/2022



802.11b_Nss1,(1Mbps)_2TX

2467MHz

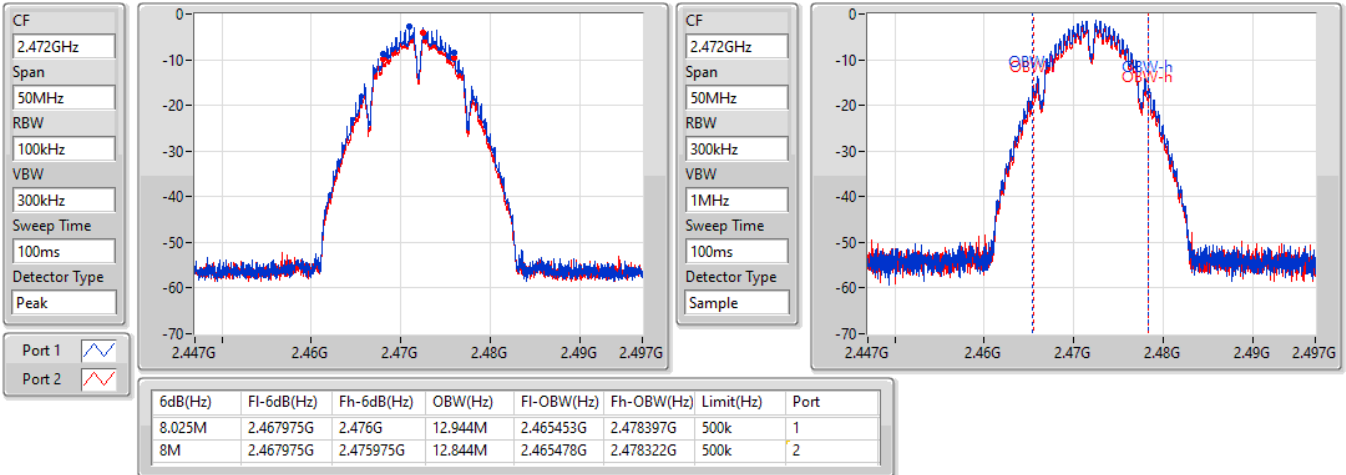
16/05/2022



802.11b_Nss1,(1Mbps)_2TX

2472MHz

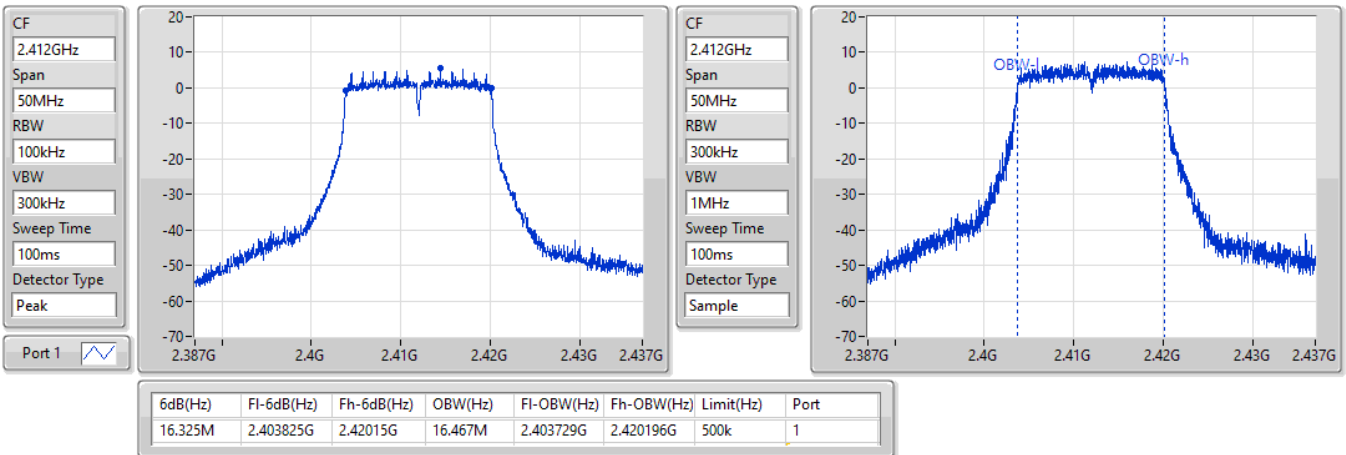
16/05/2022



802.11g_Nss1,(6Mbps)_1TX(Port1)

2412MHz

16/05/2022

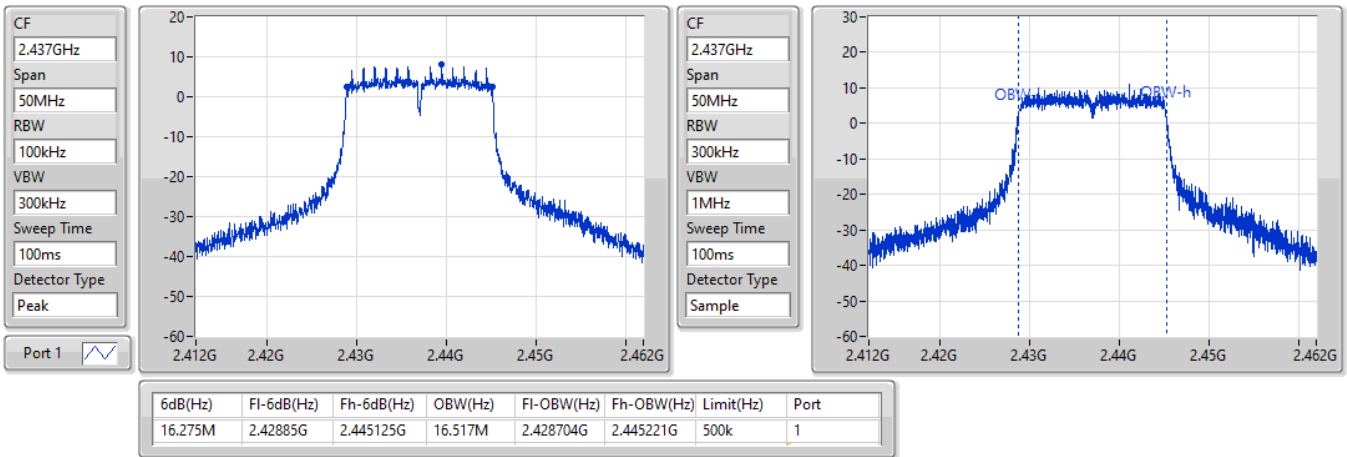


802.11g_Nss1,(6Mbps)_1TX(Port1)

EBW

2437MHz

16/05/2022

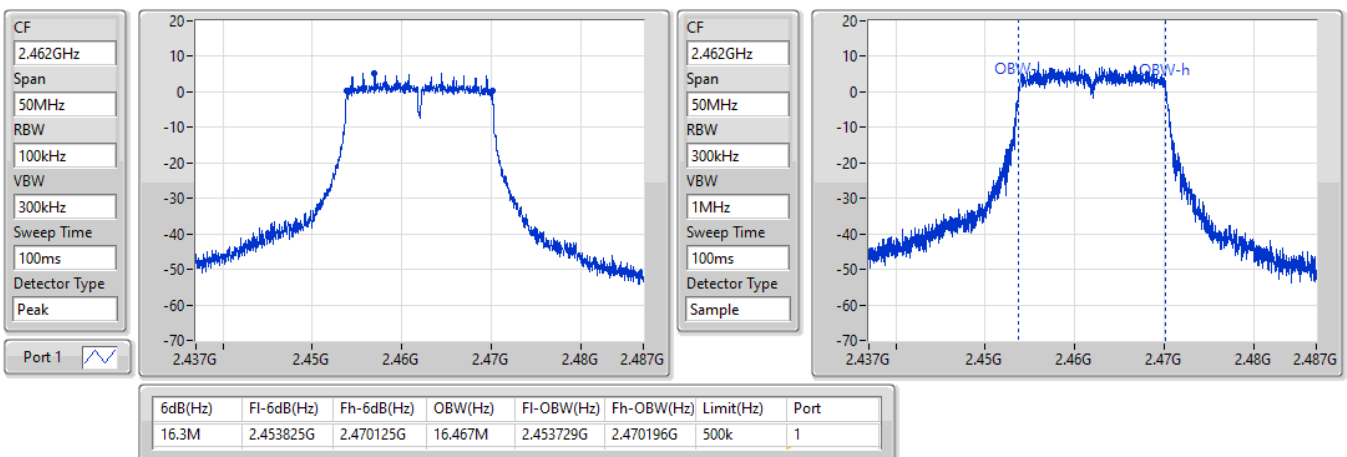


802.11g_Nss1,(6Mbps)_1TX(Port1)

EBW

2462MHz

16/05/2022

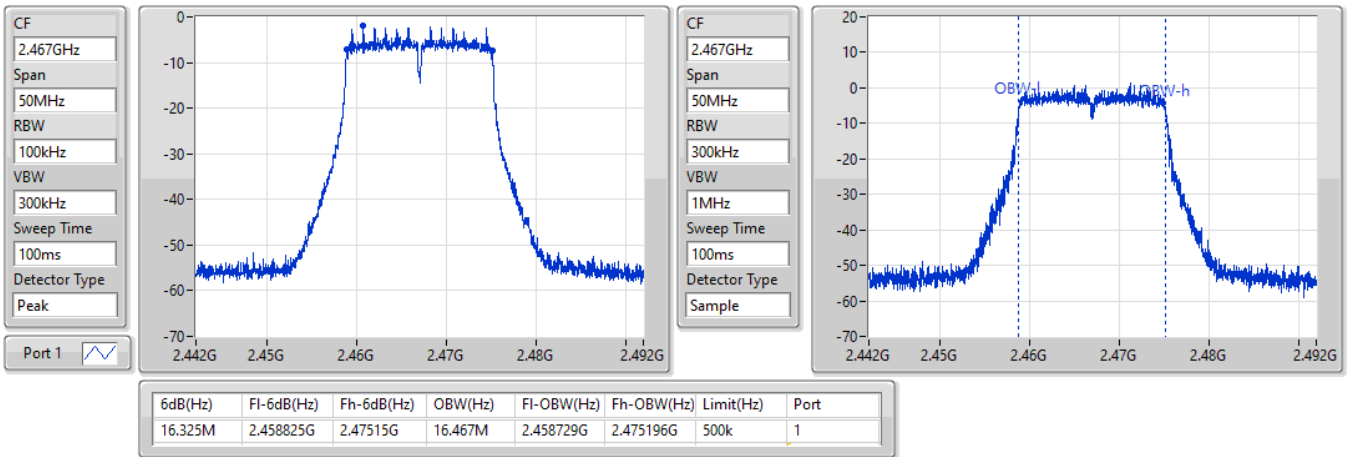


802.11g_Nss1,(6Mbps)_1TX(Port1)

EBW

2467MHz

16/05/2022

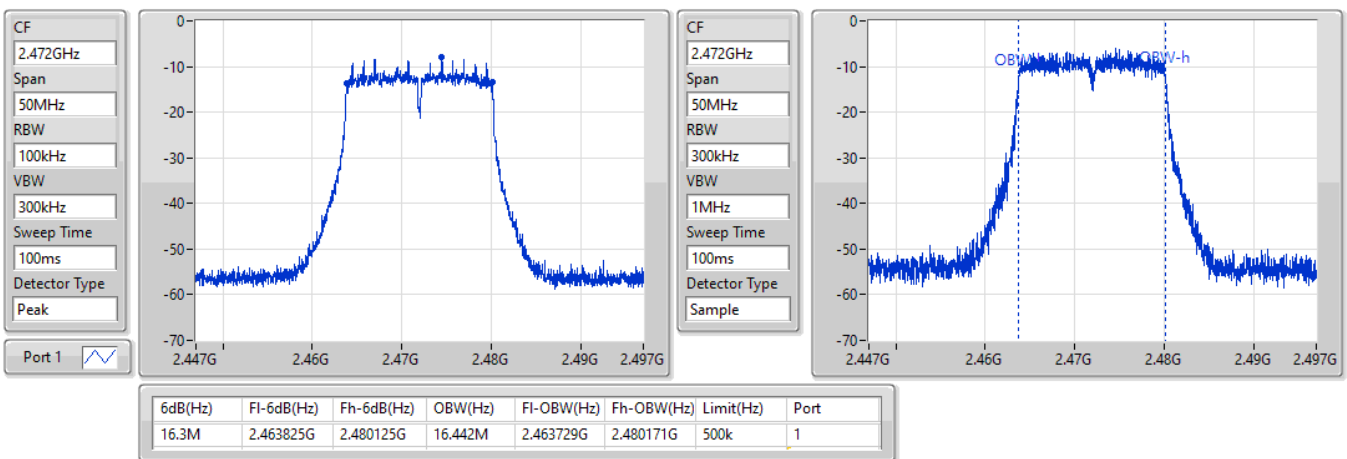


802.11g_Nss1,(6Mbps)_1TX(Port1)

EBW

2472MHz

16/05/2022

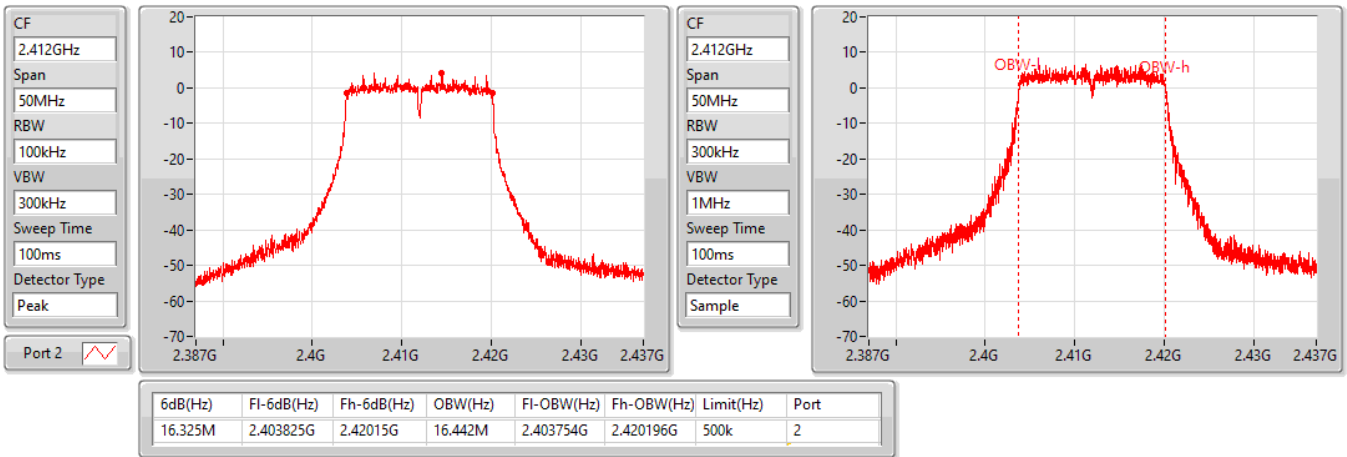


802.11g_Nss1,(6Mbps)_1TX(Port2)

EBW

2412MHz

16/05/2022

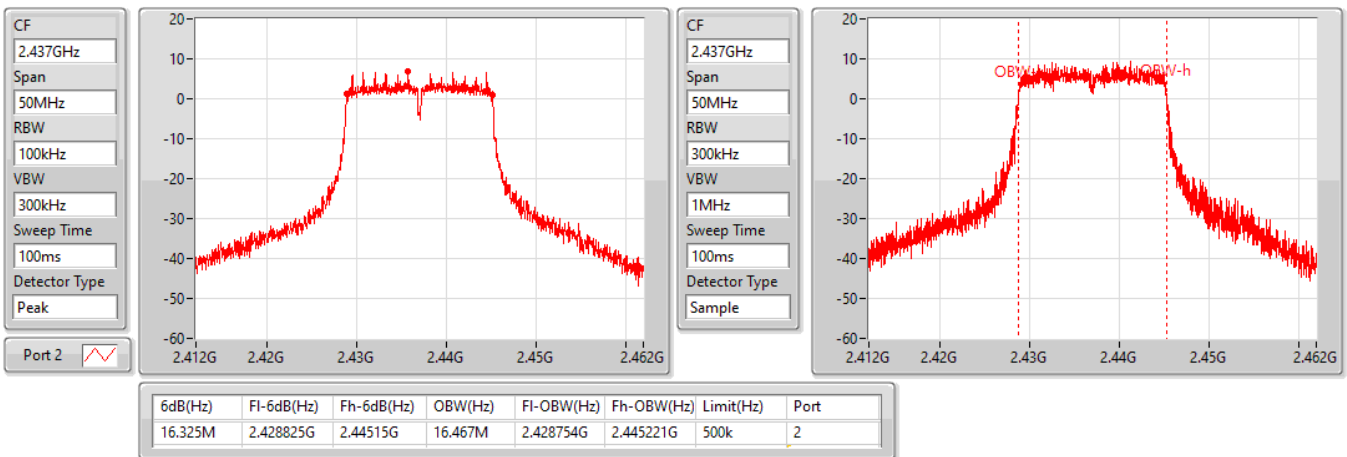


802.11g_Nss1,(6Mbps)_1TX(Port2)

EBW

2437MHz

16/05/2022

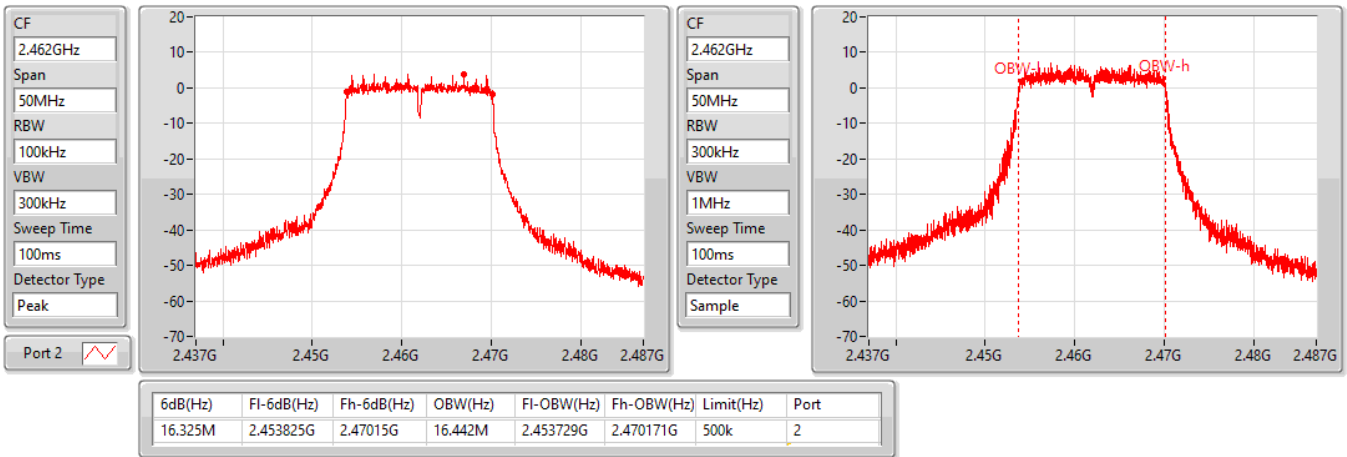


802.11g_Nss1,(6Mbps)_1TX(Port2)

EBW

2462MHz

16/05/2022

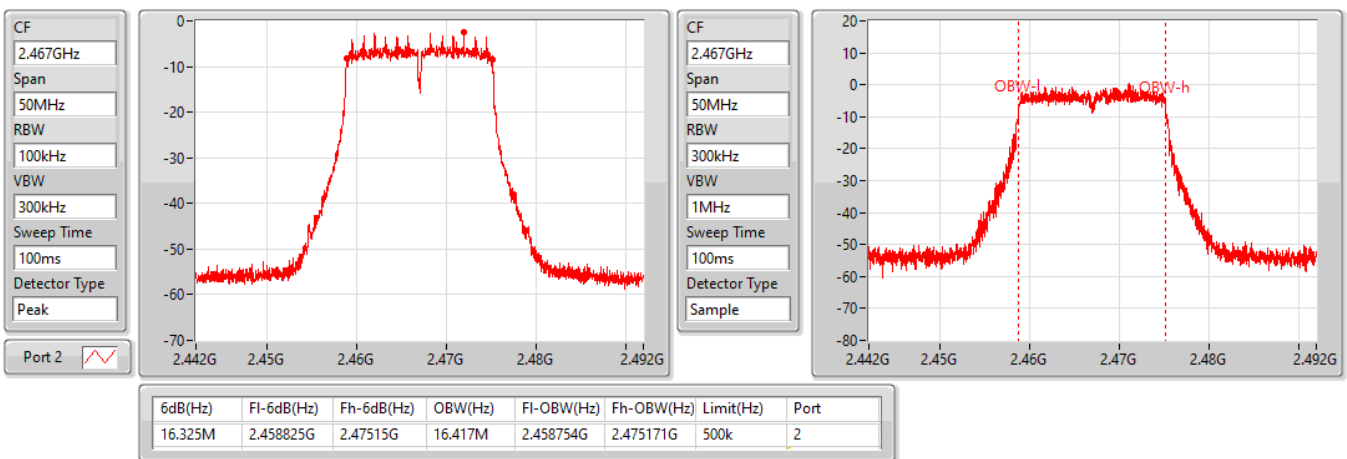


802.11g_Nss1,(6Mbps)_1TX(Port2)

EBW

2467MHz

16/05/2022

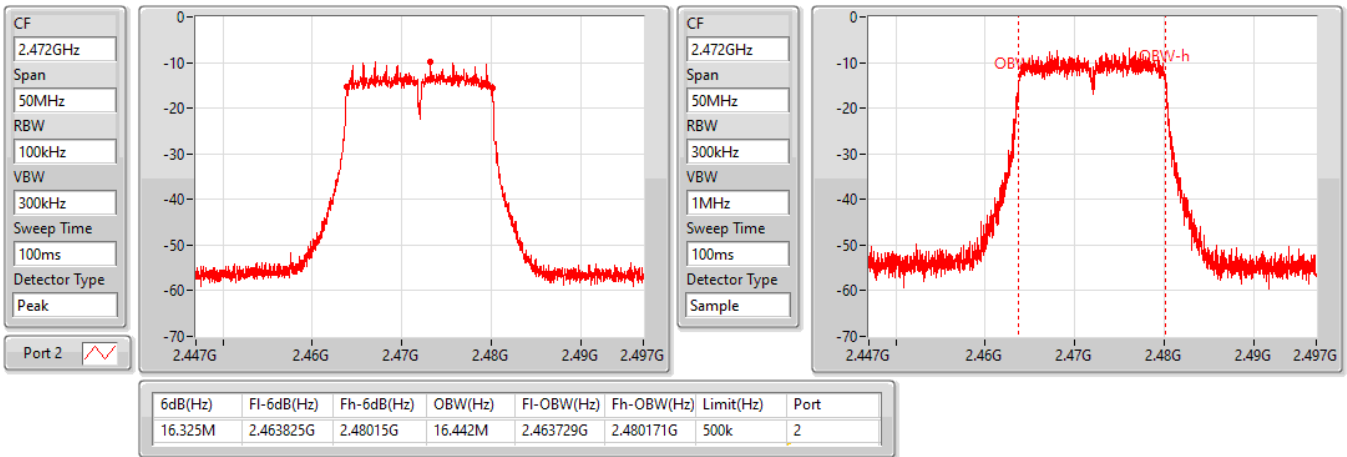


802.11g_Nss1,(6Mbps)_1TX(Port2)

EBW

2472MHz

16/05/2022

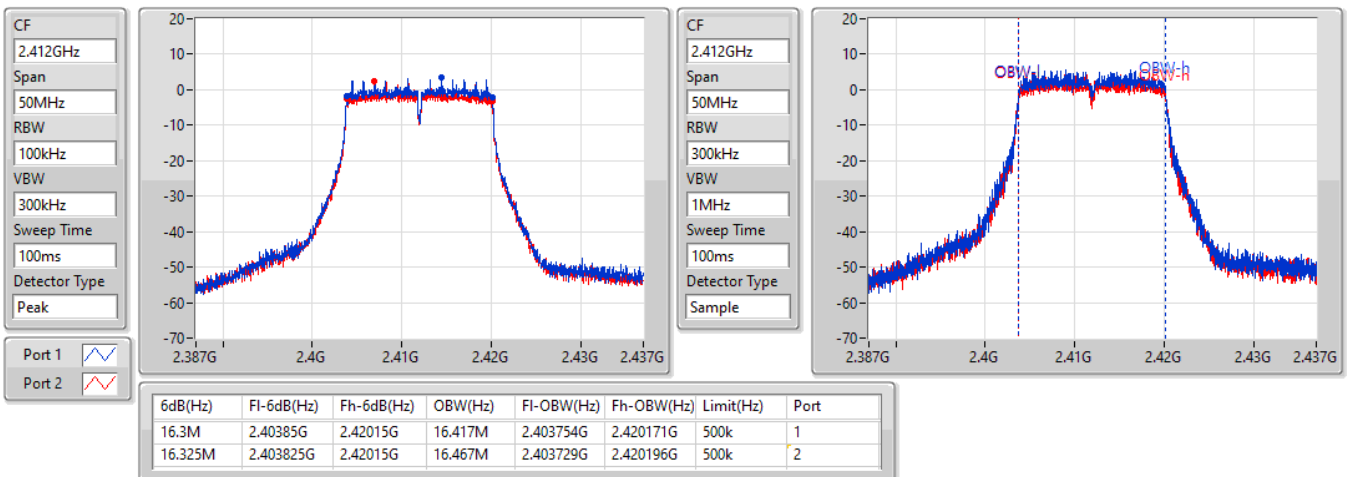


802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

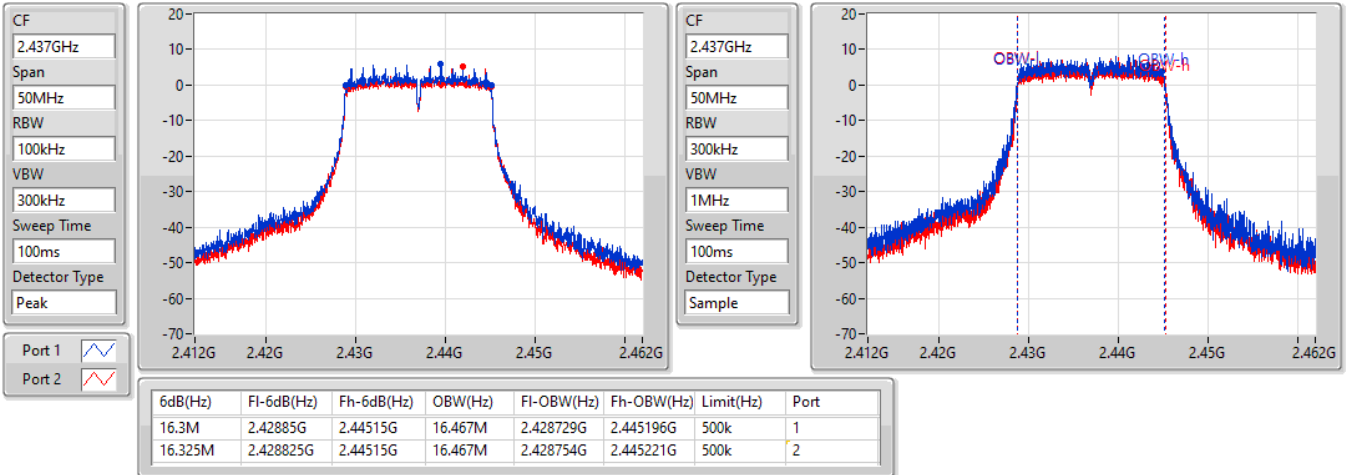
16/05/2022



802.11g_Nss1,(6Mbps)_2TX

2437MHz

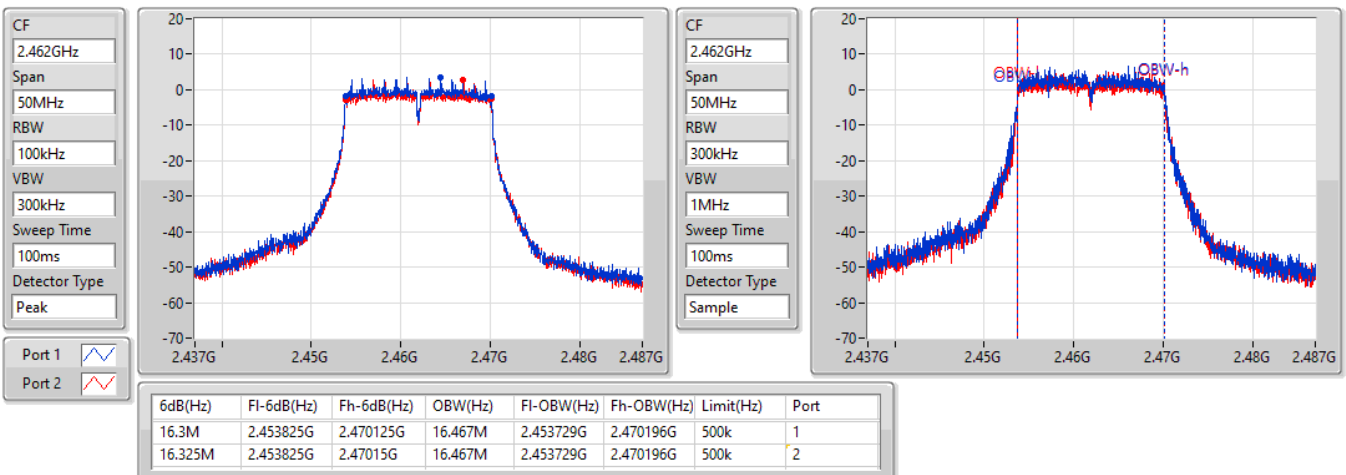
16/05/2022



802.11g_Nss1,(6Mbps)_2TX

2462MHz

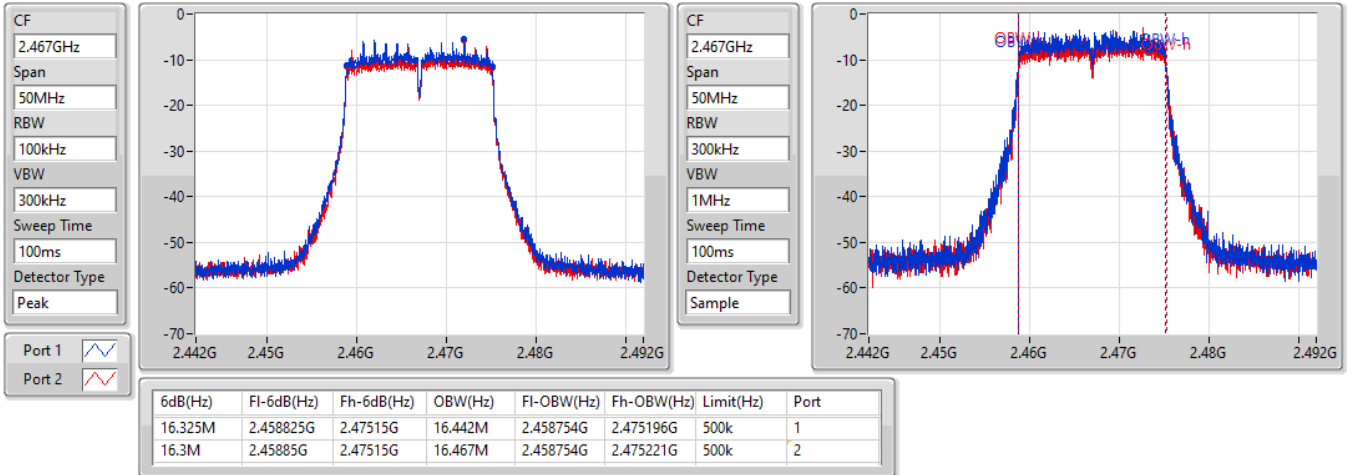
16/05/2022



802.11g_Nss1,(6Mbps)_2TX

2467MHz

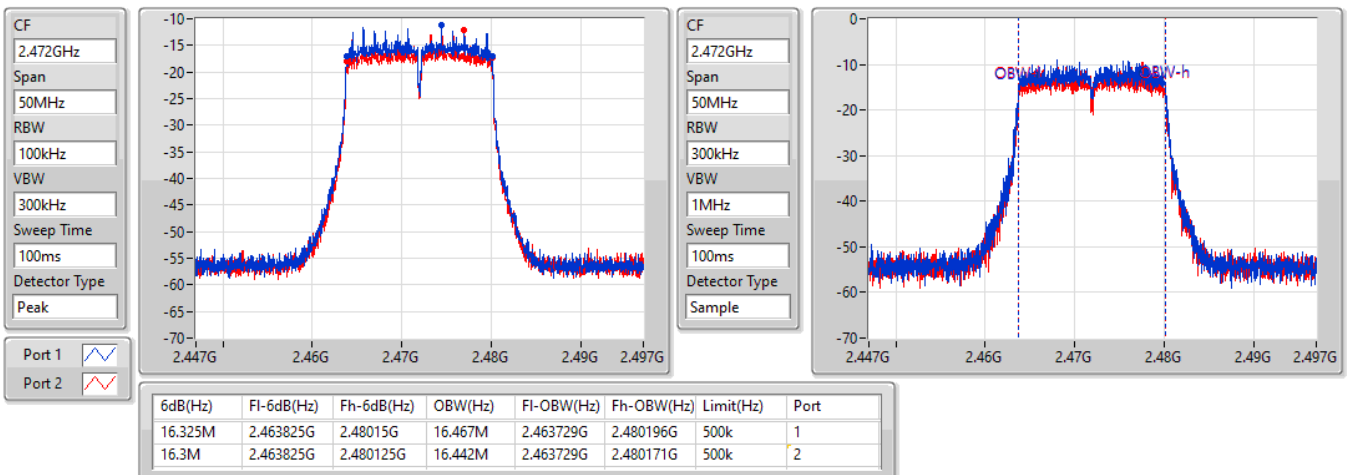
16/05/2022



802.11g_Nss1,(6Mbps)_2TX

2472MHz

16/05/2022

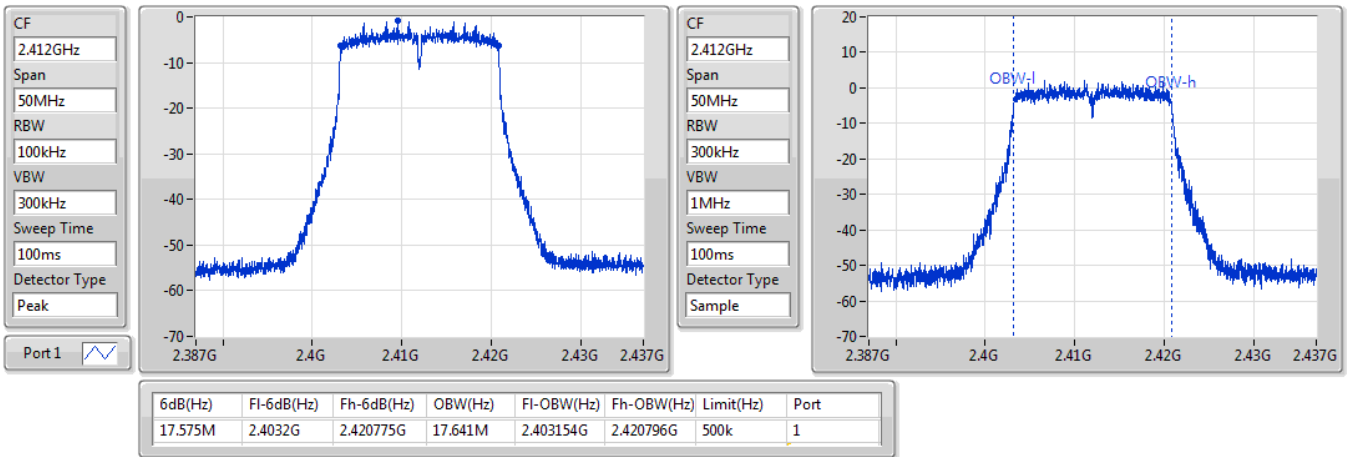


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

EBW

2412MHz

21/07/2022

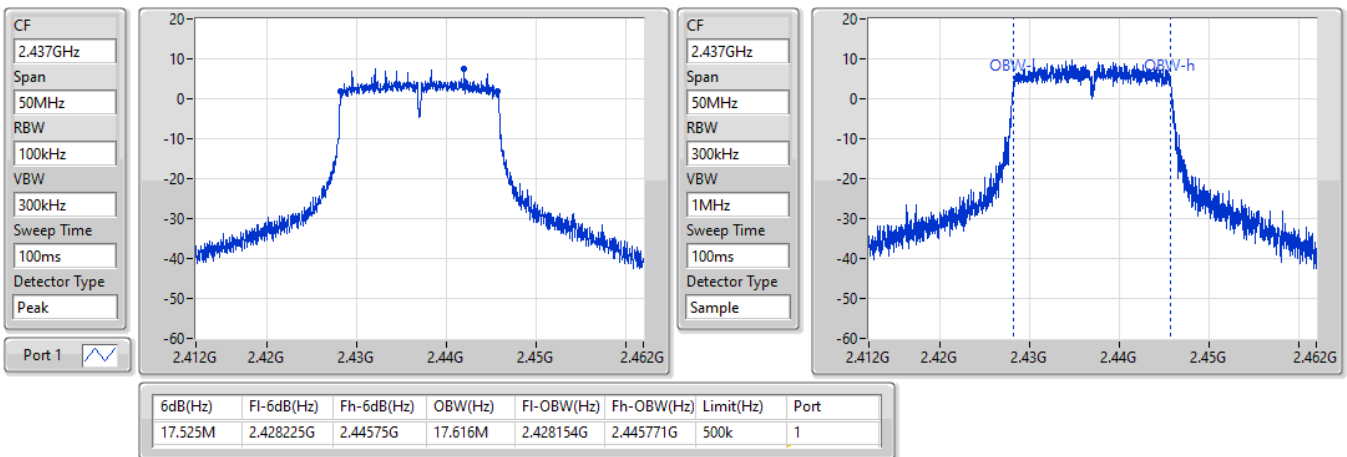


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

EBW

2437MHz

16/05/2022

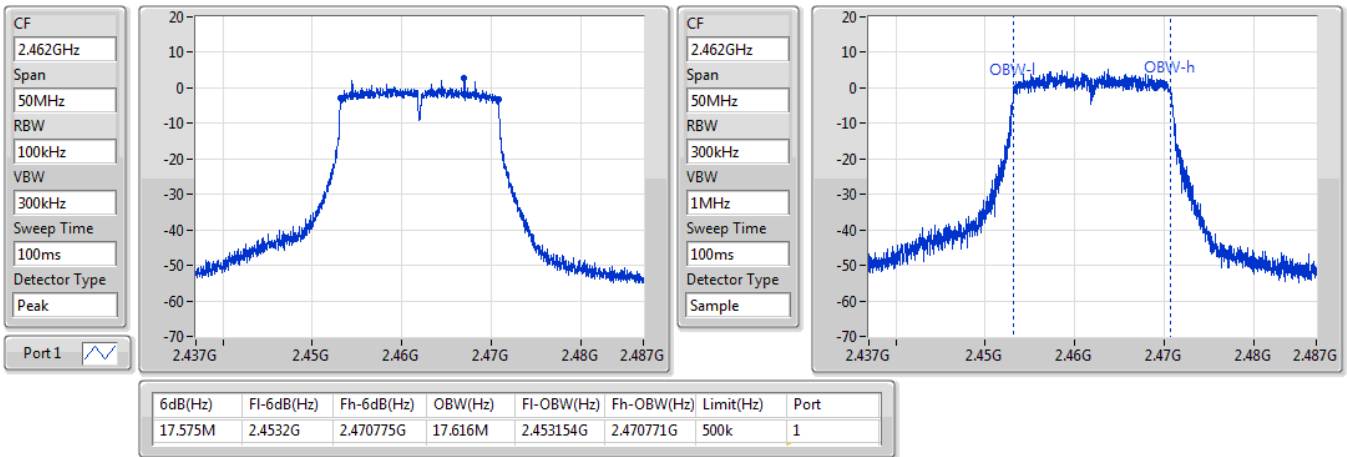


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

EBW

2462MHz

21/07/2022

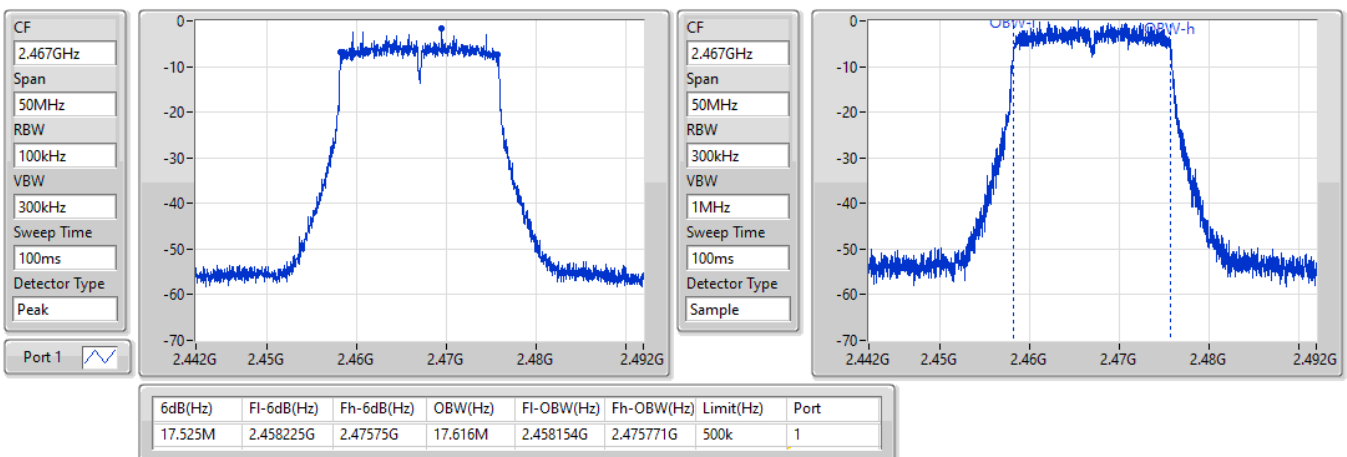


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

EBW

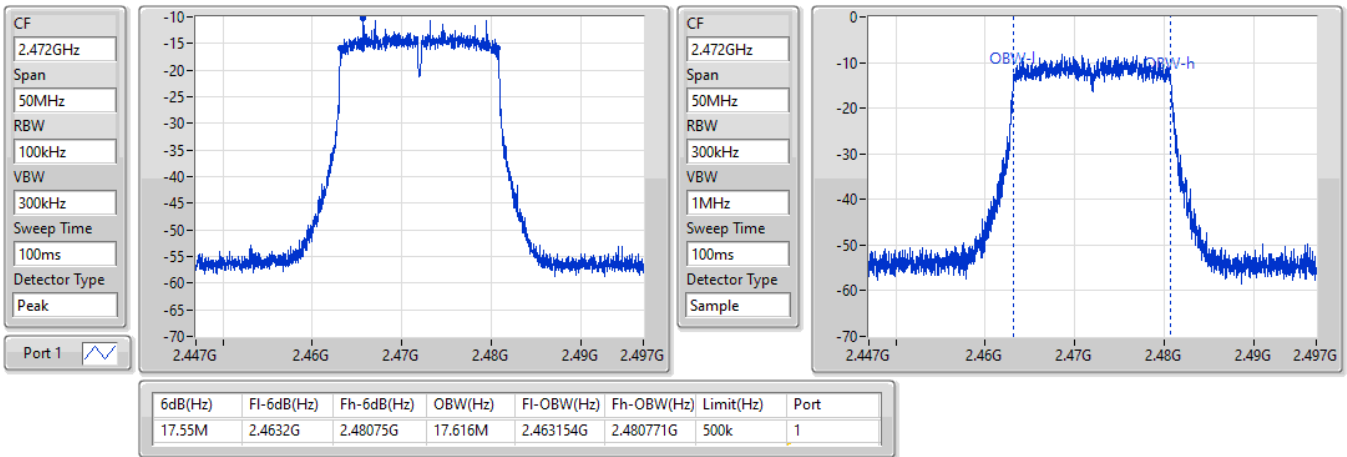
2467MHz

16/05/2022

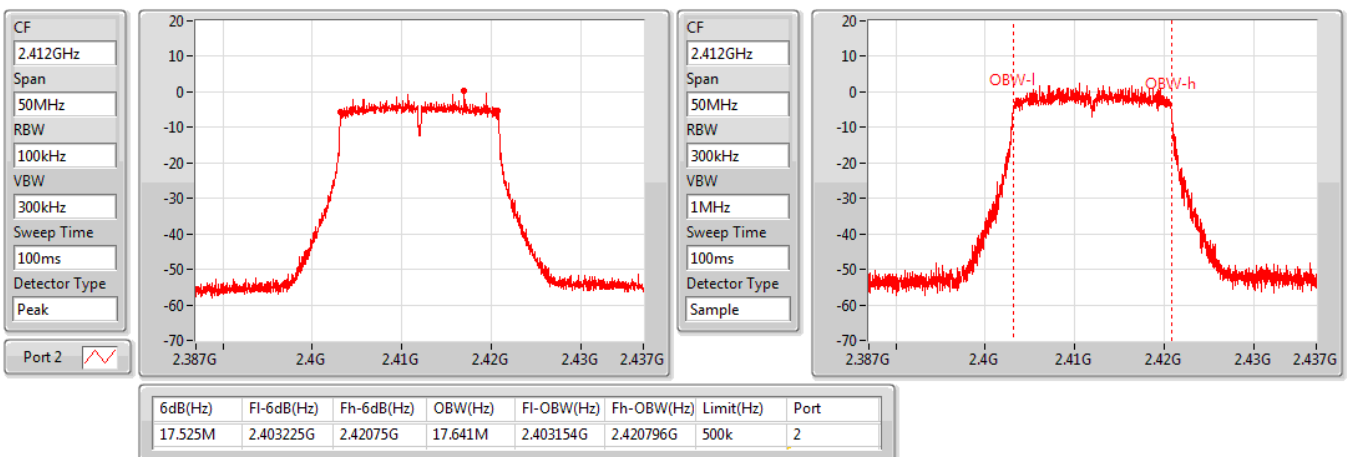


802.11n HT20_Nss1,(MCS0)_1TX(Port1)
EBW
2472MHz

16/05/2022


802.11n HT20_Nss1,(MCS0)_1TX(Port2)
EBW
2412MHz

21/07/2022

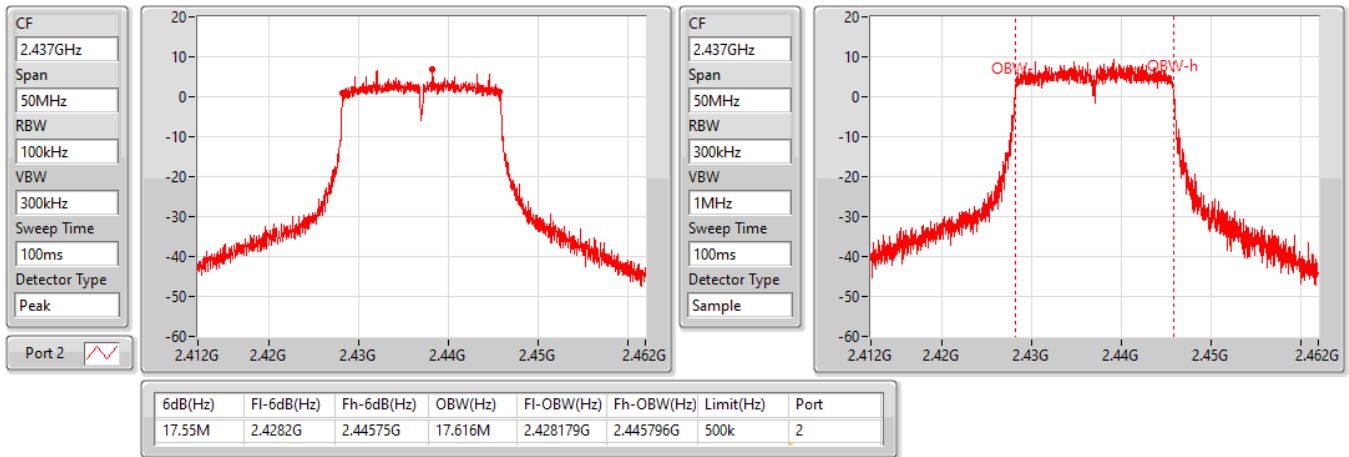


802.11n HT20_Nss1,(MCS0)_1TX(Port2)

EBW

2437MHz

16/05/2022

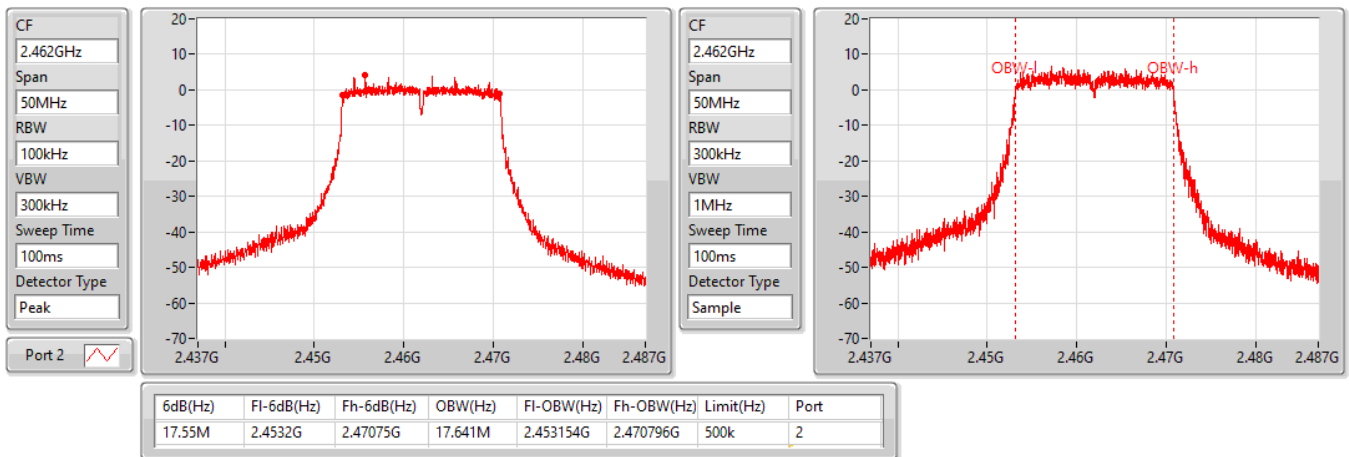


802.11n HT20_Nss1,(MCS0)_1TX(Port2)

EBW

2462MHz

16/05/2022

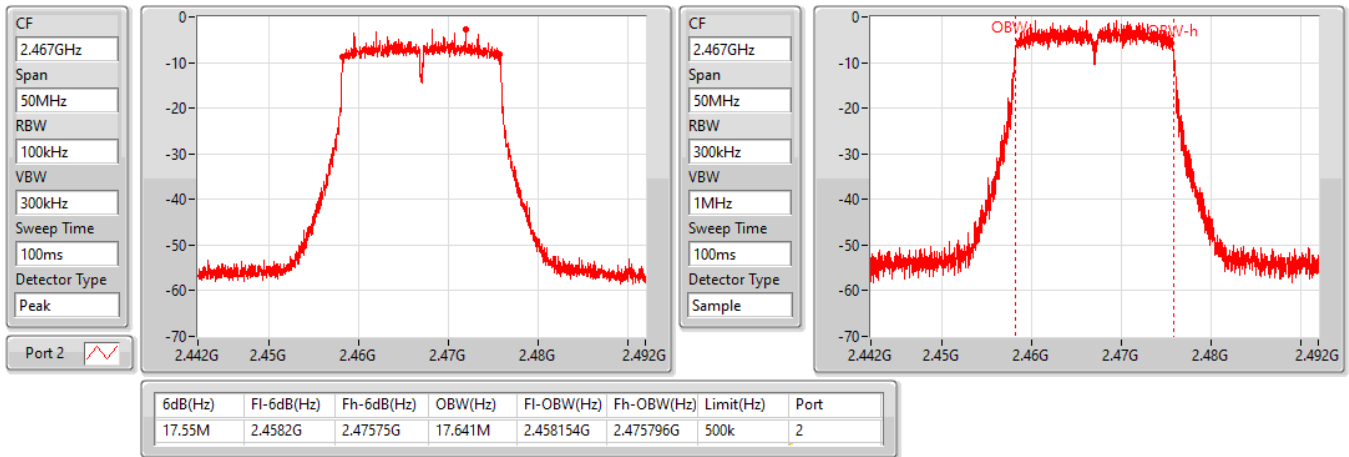


802.11n HT20_Nss1,(MCS0)_1TX(Port2)

EBW

2467MHz

16/05/2022

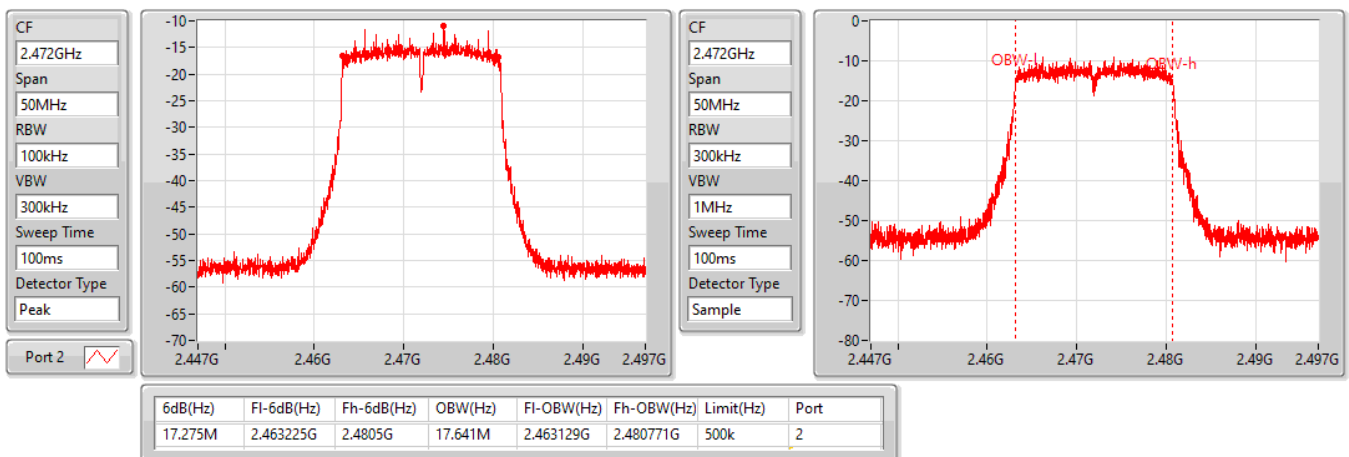


802.11n HT20_Nss1,(MCS0)_1TX(Port2)

EBW

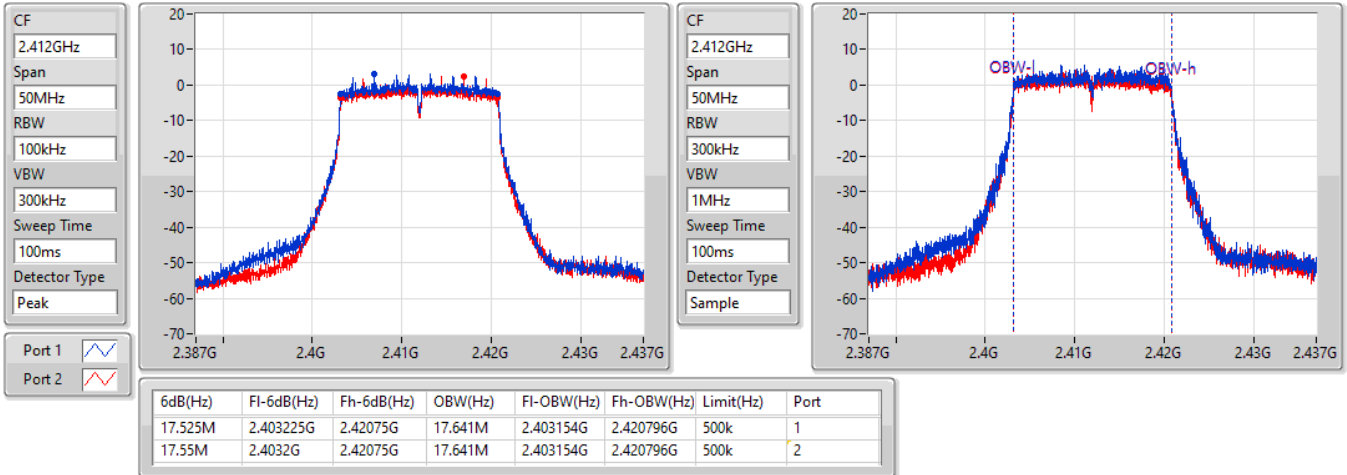
2472MHz

16/05/2022

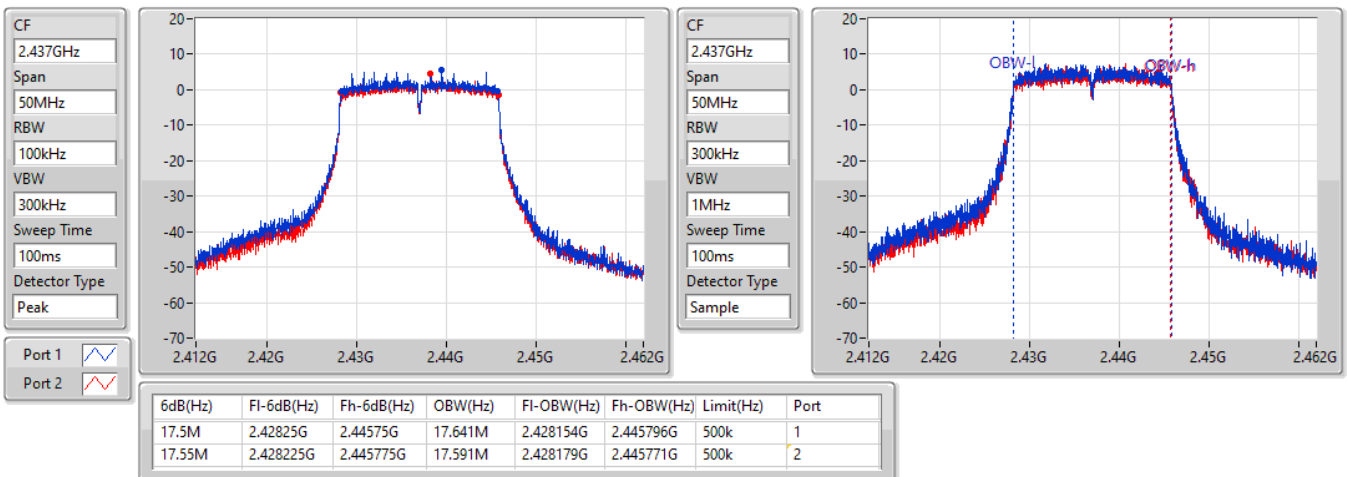


802.11n HT20_Nss1,(MCS0)_2TX
EBW
2412MHz

16/05/2022


802.11n HT20_Nss1,(MCS0)_2TX
EBW
2437MHz

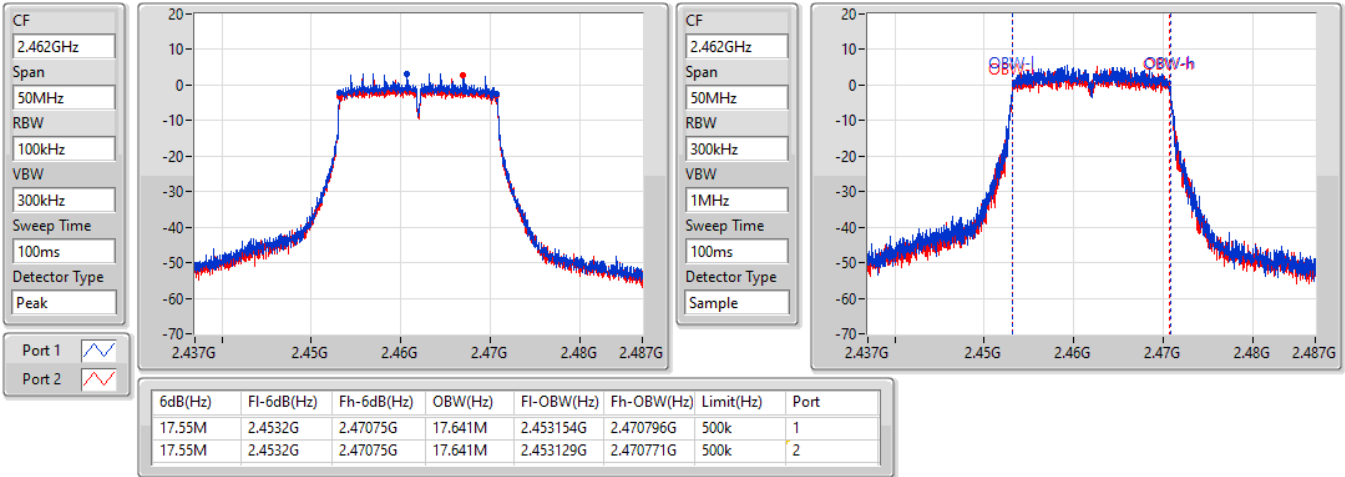
16/05/2022



802.11n HT20_Nss1,(MCS0)_2TX

2462MHz

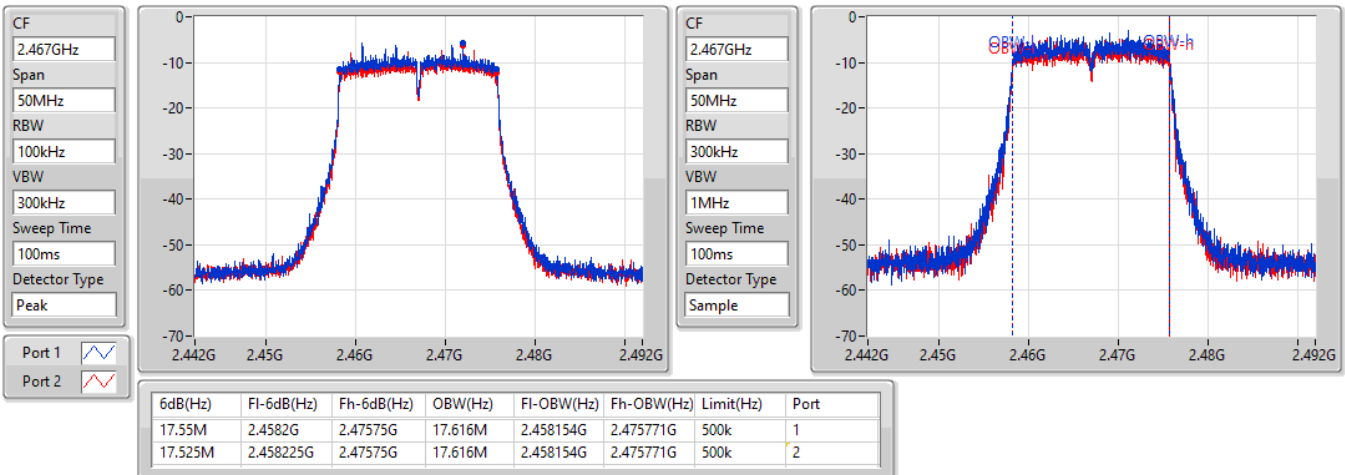
16/05/2022



802.11n HT20_Nss1,(MCS0)_2TX

2467MHz

16/05/2022

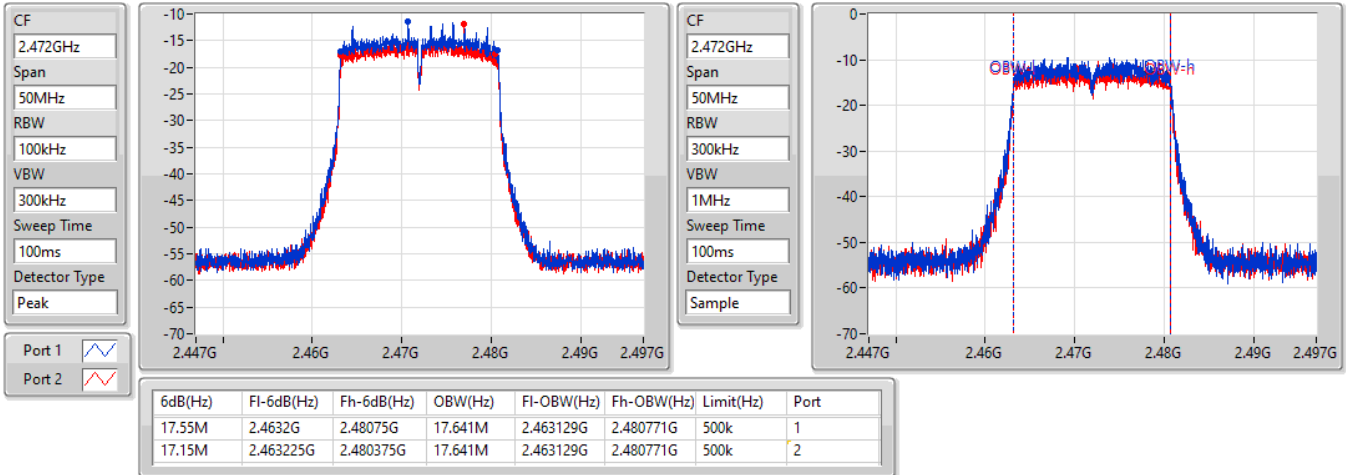


802.11n HT20_Nss1,(MCS0)_2TX

EBW

2472MHz

16/05/2022

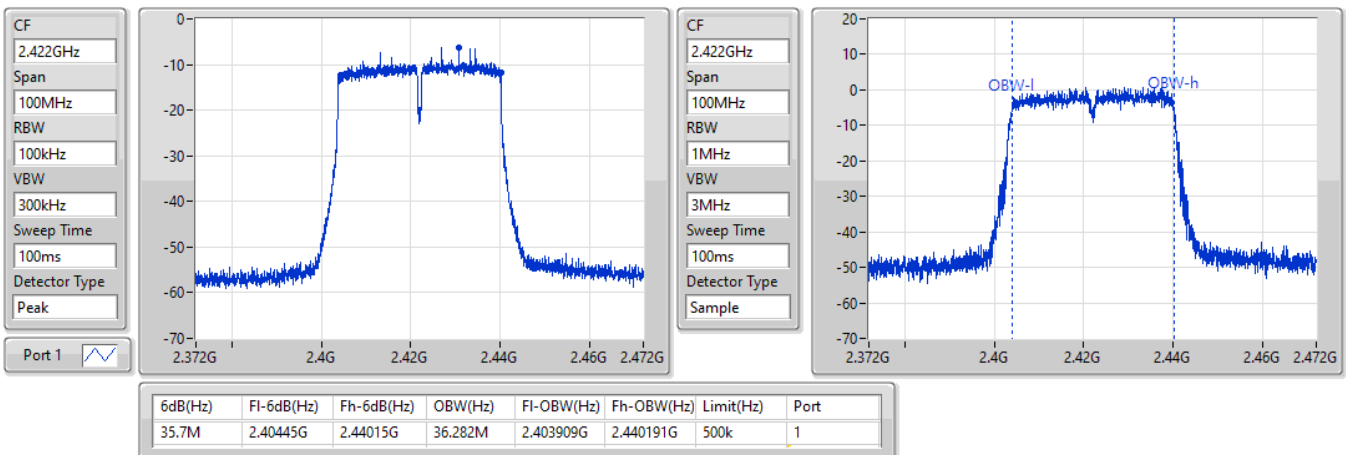


802.11n HT40_Nss1,(MCS0)_1TX(Port1)

EBW

2422MHz

16/05/2022

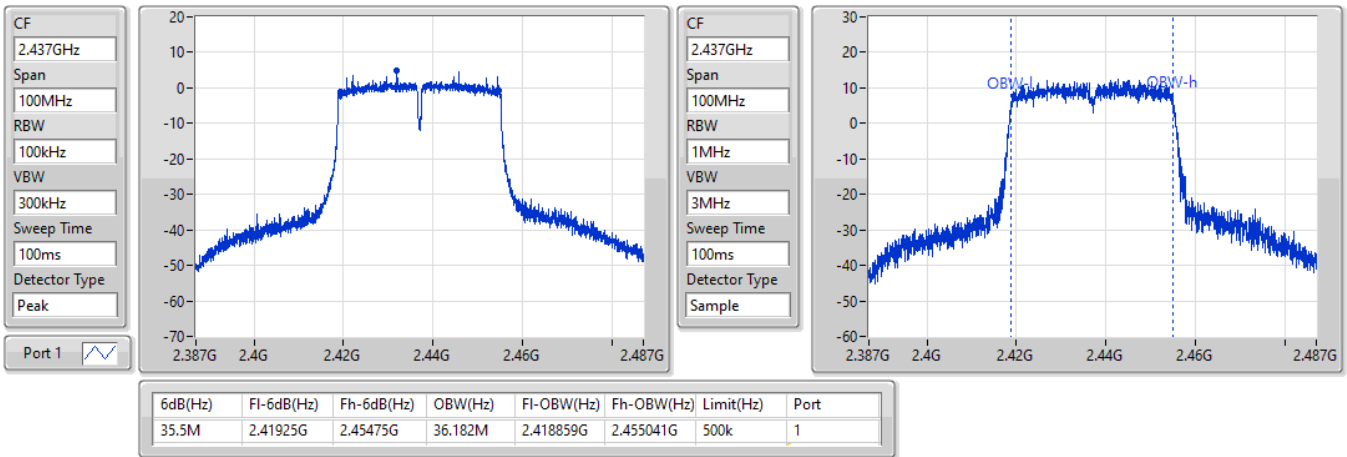


802.11n HT40_Nss1,(MCS0)_1TX(Port1)

EBW

2437MHz

16/05/2022

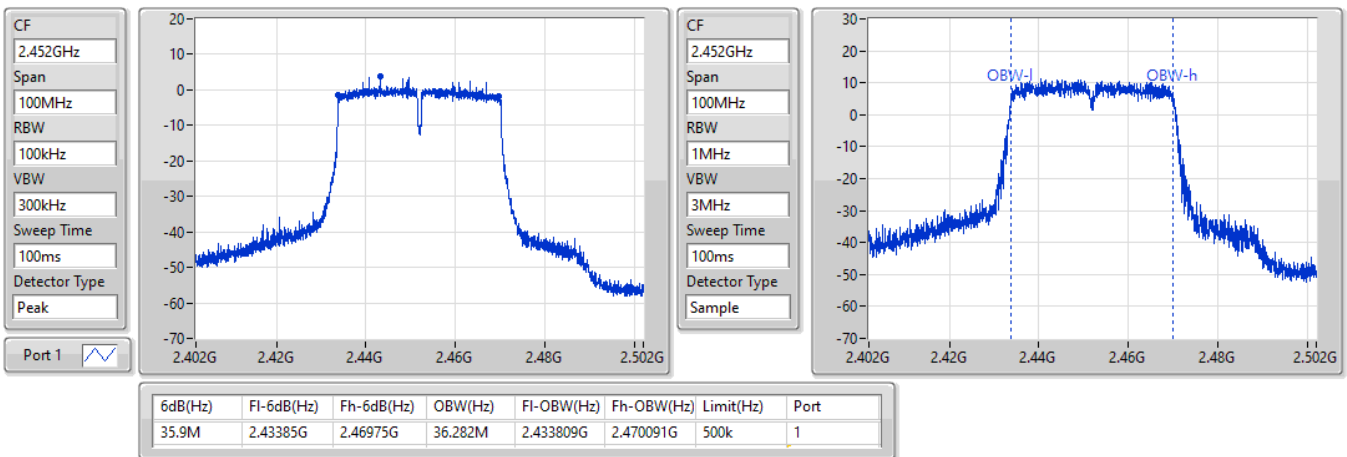


802.11n HT40_Nss1,(MCS0)_1TX(Port1)

EBW

2452MHz

16/05/2022

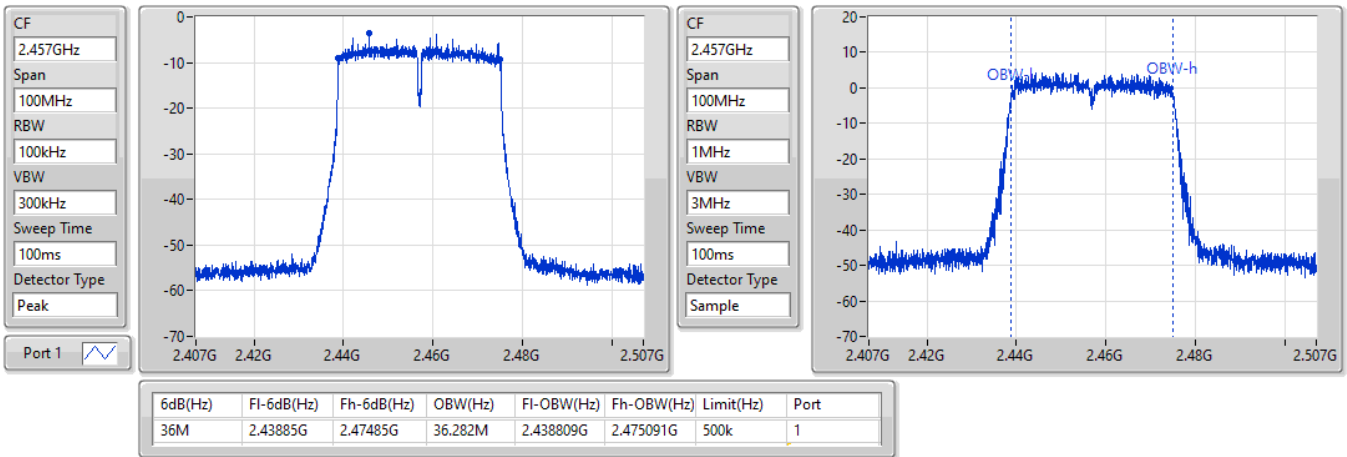


802.11n HT40_Nss1,(MCS0)_1TX(Port1)

EBW

2457MHz

16/05/2022

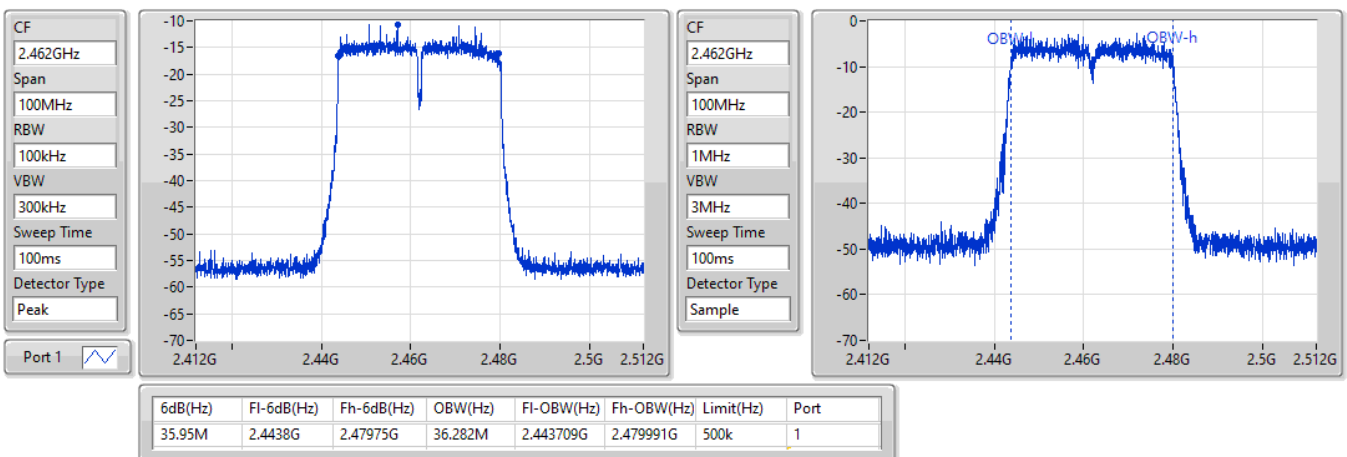


802.11n HT40_Nss1,(MCS0)_1TX(Port1)

EBW

2462MHz

16/05/2022

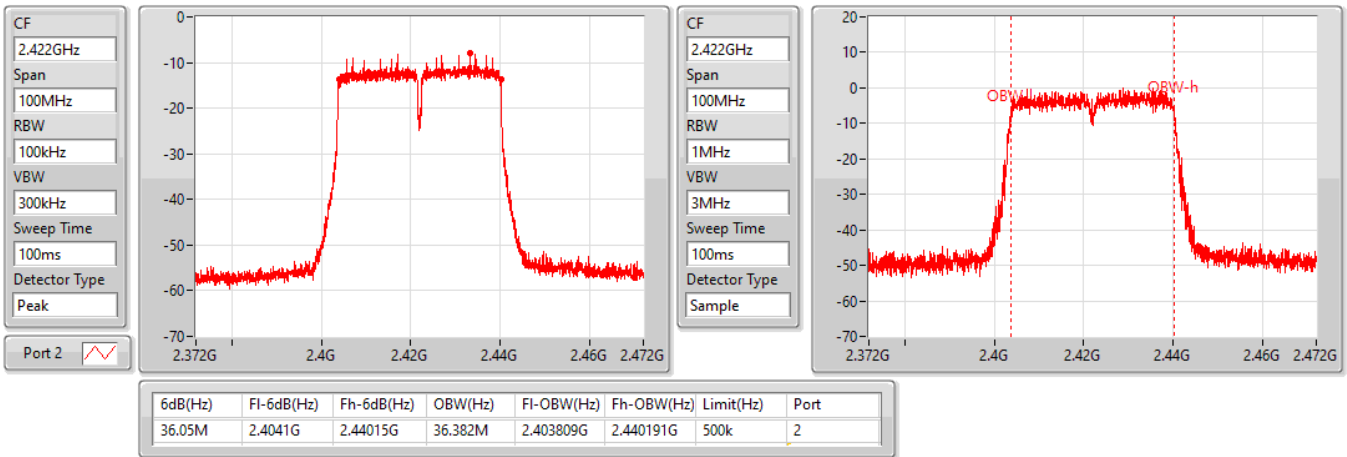


802.11n HT40_Nss1,(MCS0)_1TX(Port2)

EBW

2422MHz

16/05/2022

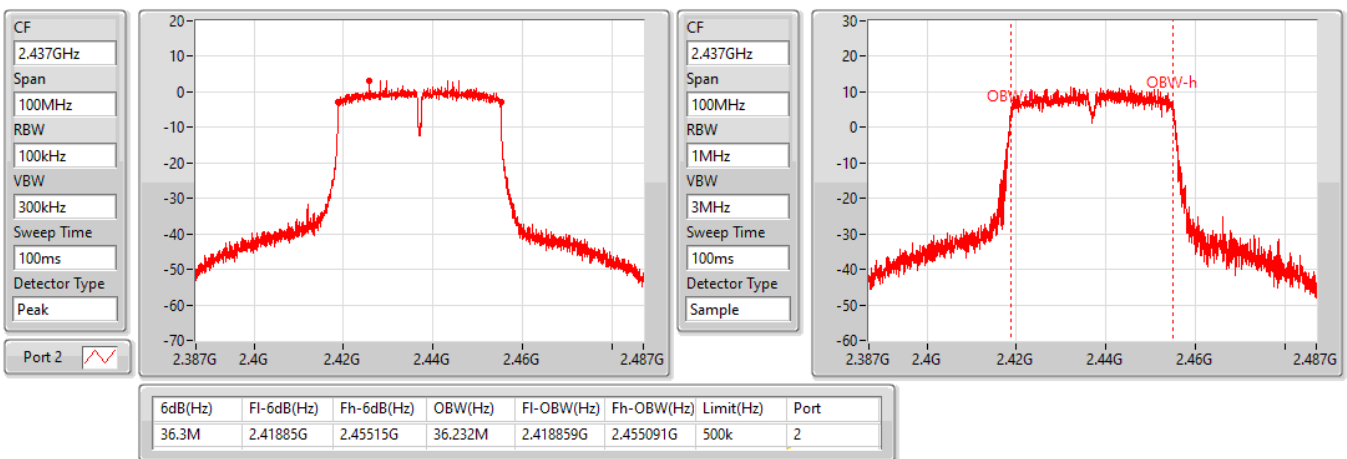


802.11n HT40_Nss1,(MCS0)_1TX(Port2)

EBW

2437MHz

16/05/2022

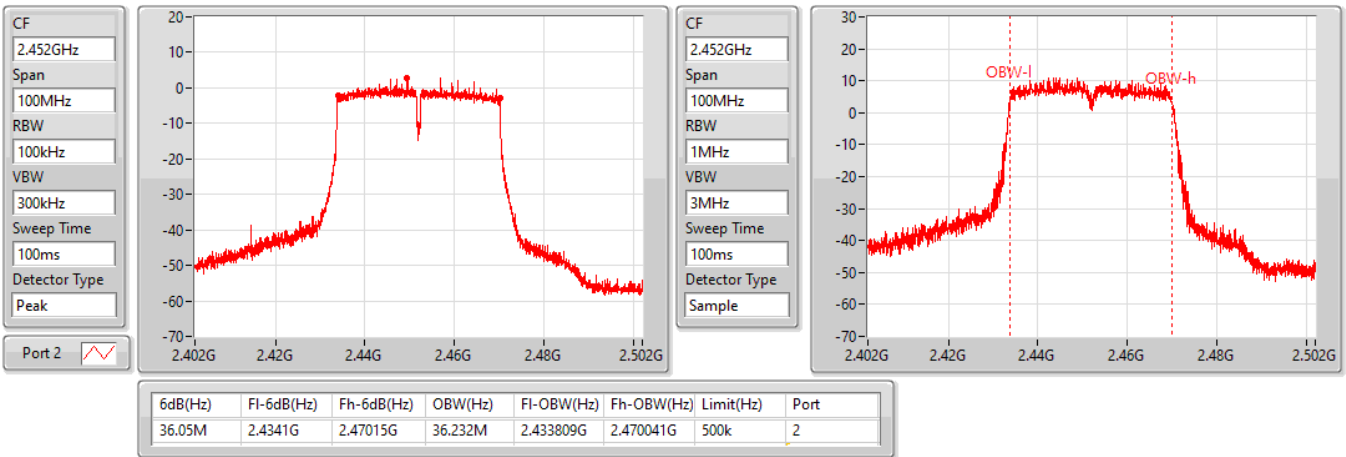


802.11n HT40_Nss1,(MCS0)_1TX(Port2)

EBW

2452MHz

16/05/2022

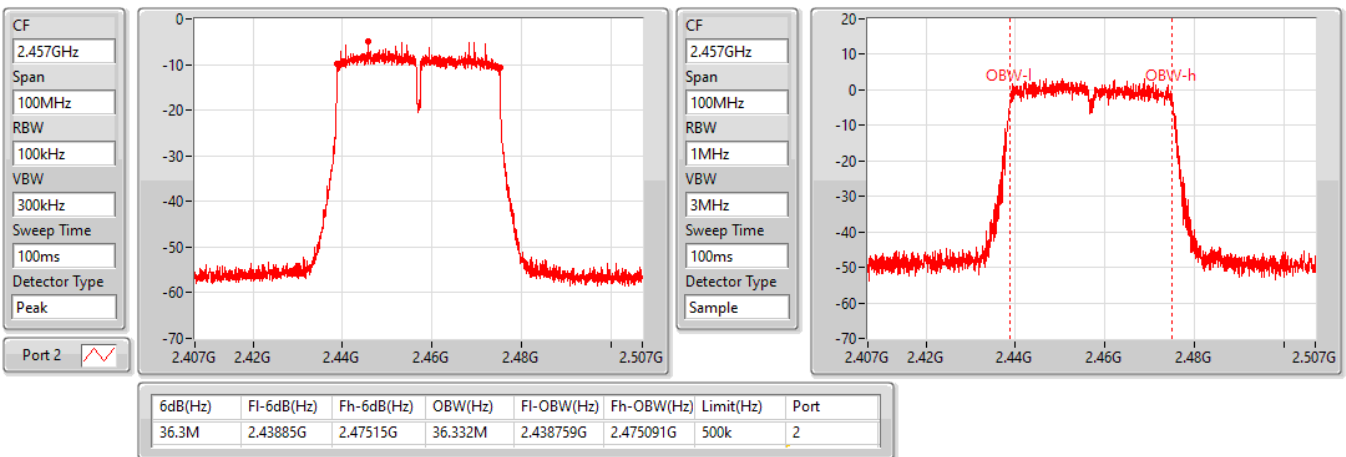


802.11n HT40_Nss1,(MCS0)_1TX(Port2)

EBW

2457MHz

16/05/2022

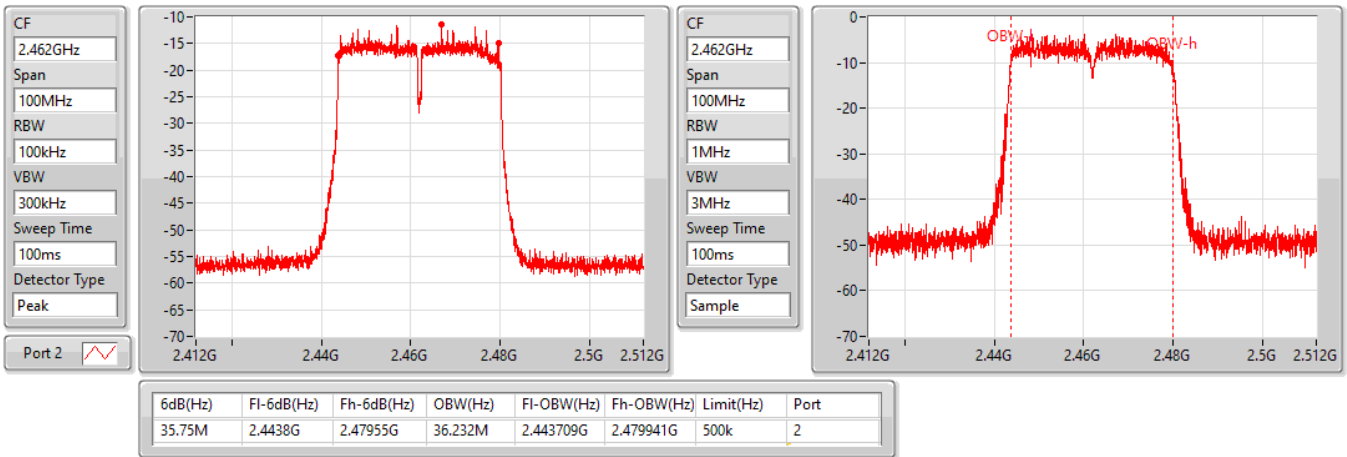


802.11n HT40_Nss1,(MCS0)_1TX(Port2)

EBW

2462MHz

16/05/2022

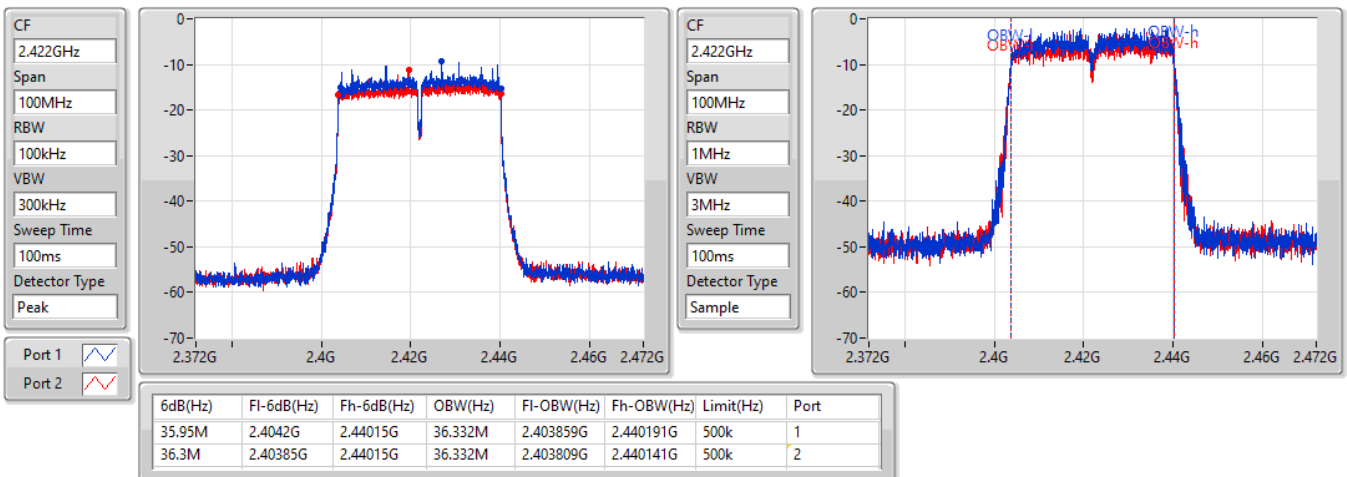


802.11n HT40_Nss1,(MCS0)_2TX

EBW

2422MHz

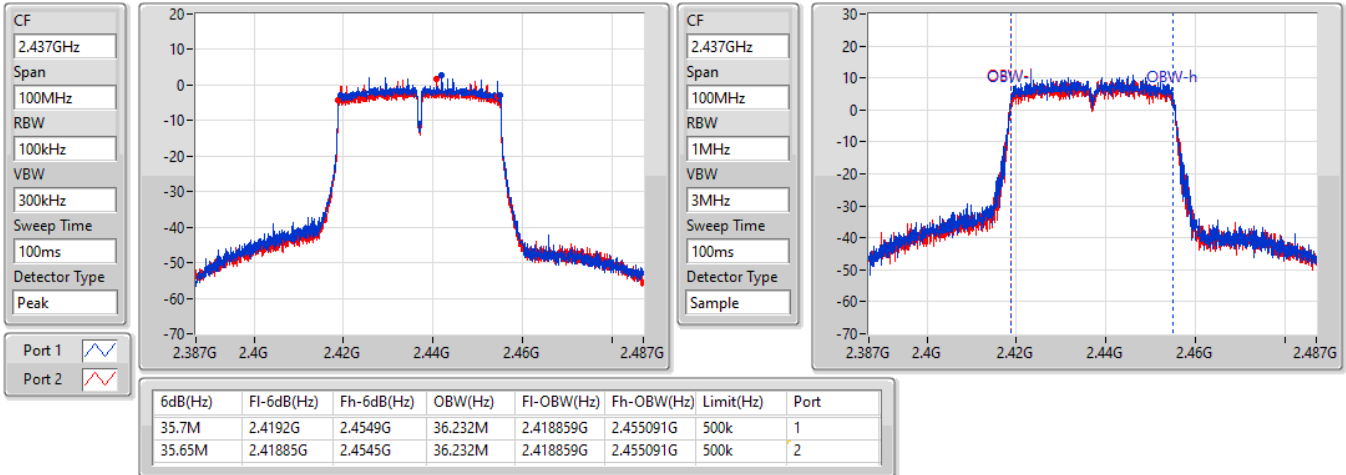
16/05/2022



802.11n HT40_Nss1,(MCS0)_2TX

2437MHz

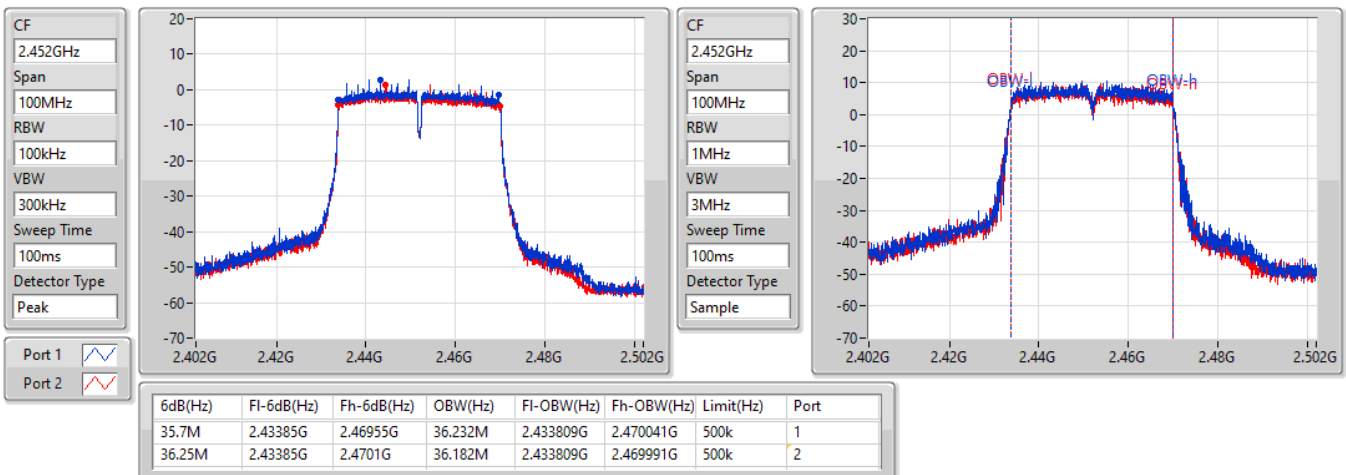
16/05/2022



802.11n HT40_Nss1,(MCS0)_2TX

2452MHz

16/05/2022

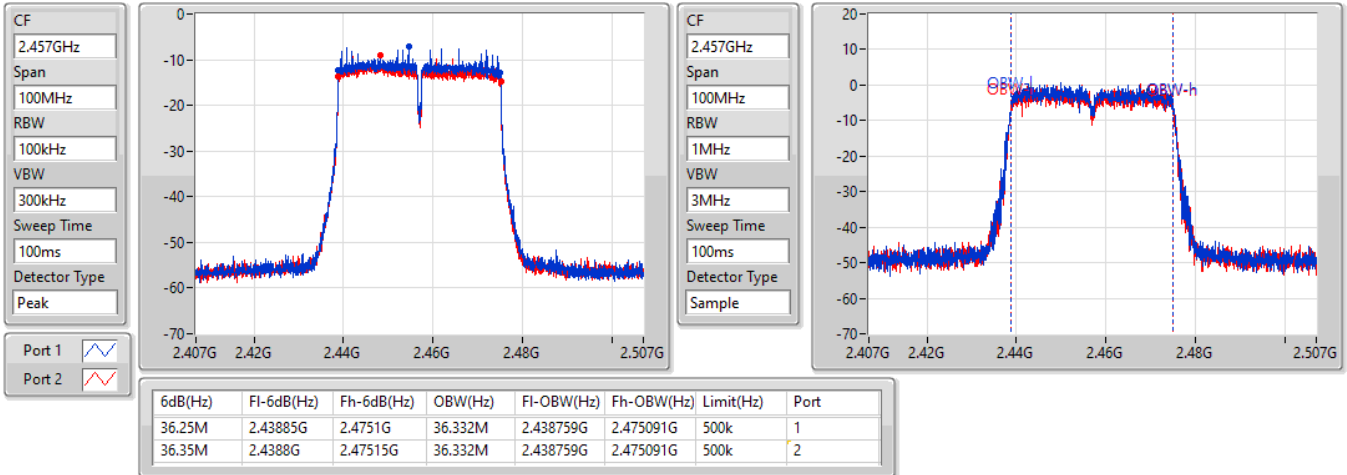


802.11n HT40_Nss1,(MCS0)_2TX

EBW

2457MHz

16/05/2022

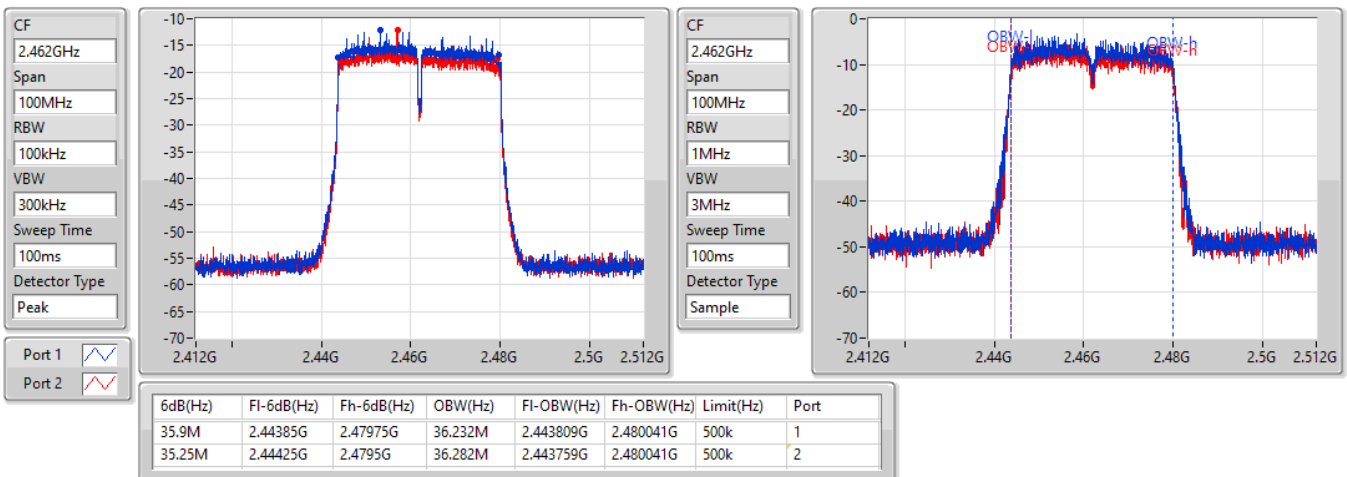


802.11n HT40_Nss1,(MCS0)_2TX

EBW

2462MHz

16/05/2022

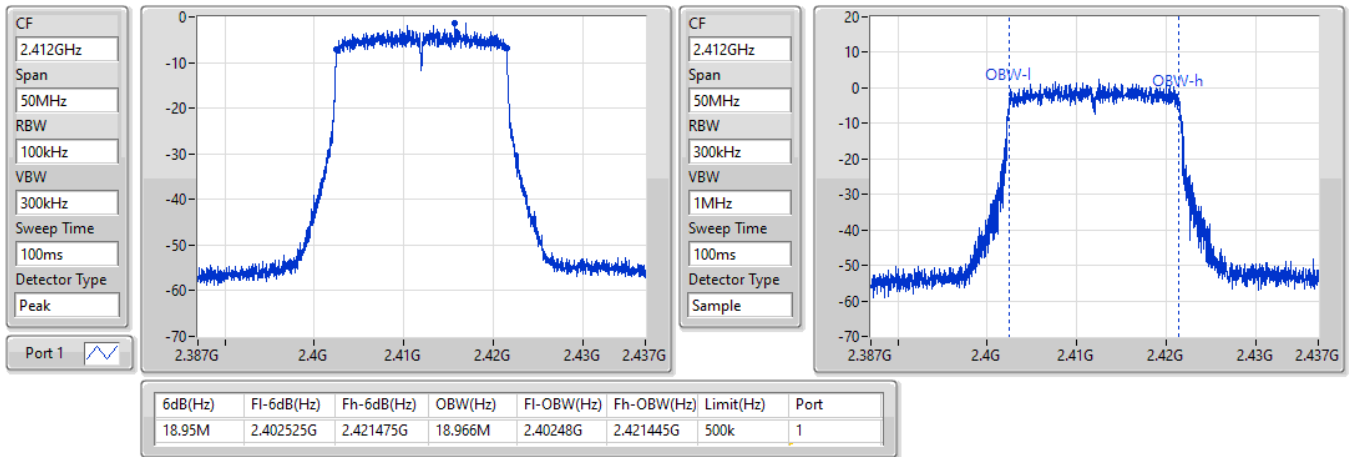


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)

EBW

2412MHz

16/05/2022

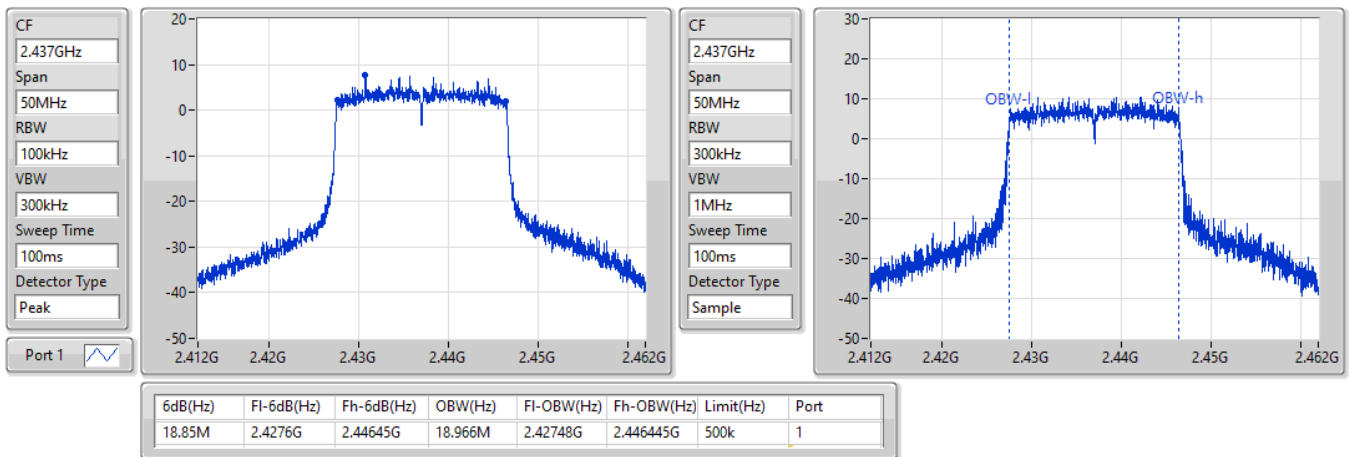


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)

EBW

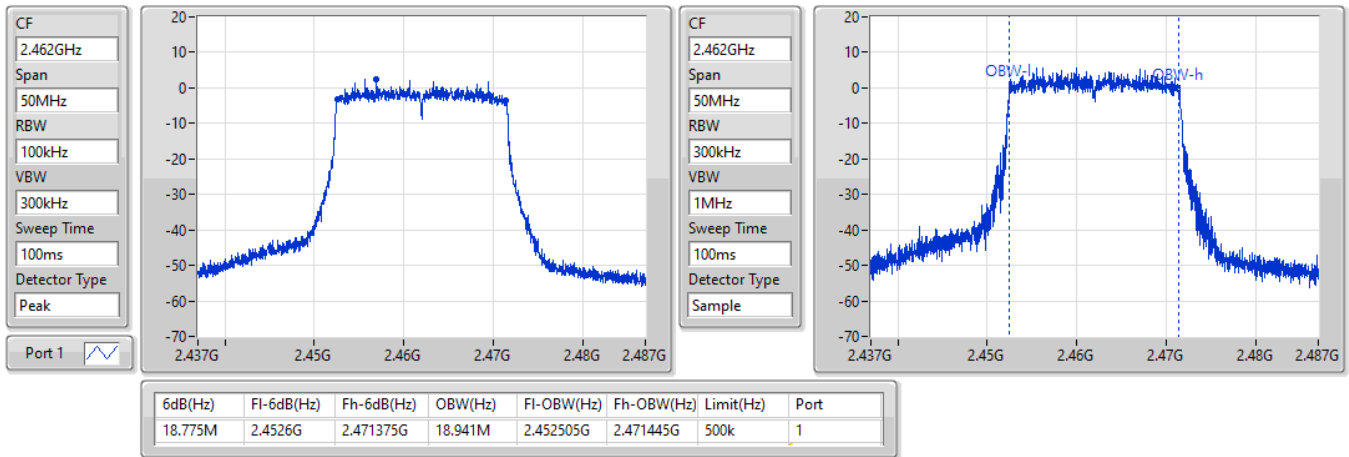
2437MHz

16/05/2022

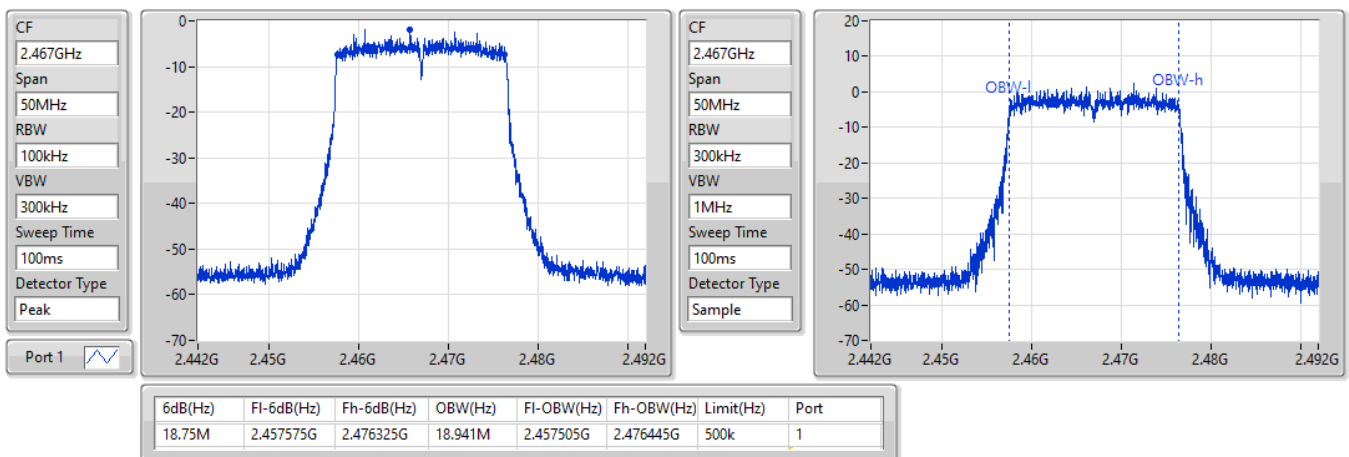


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)
EBW
2462MHz

16/05/2022

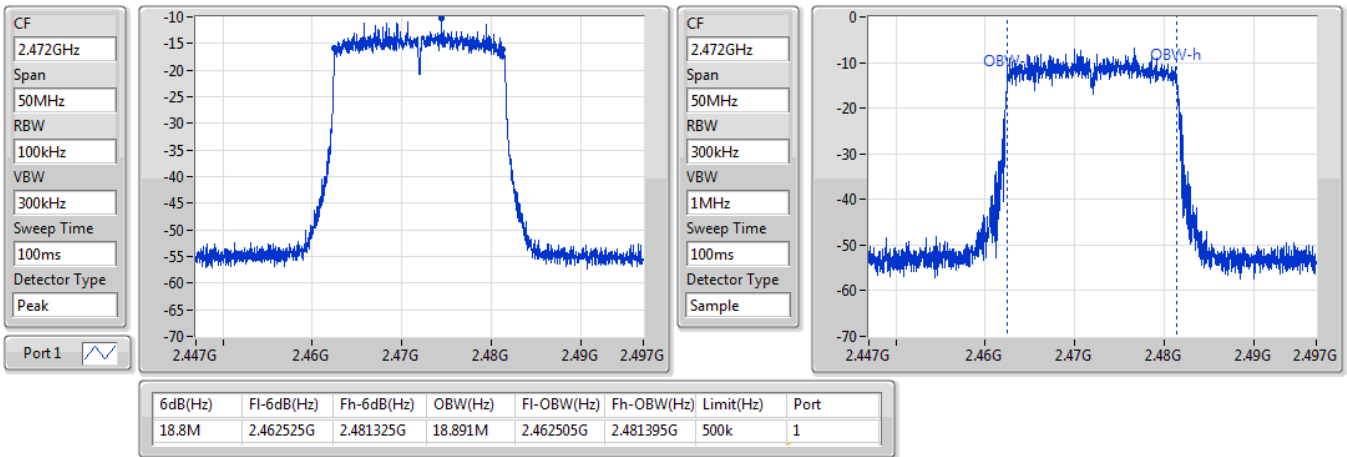

802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)
EBW
2467MHz

16/05/2022

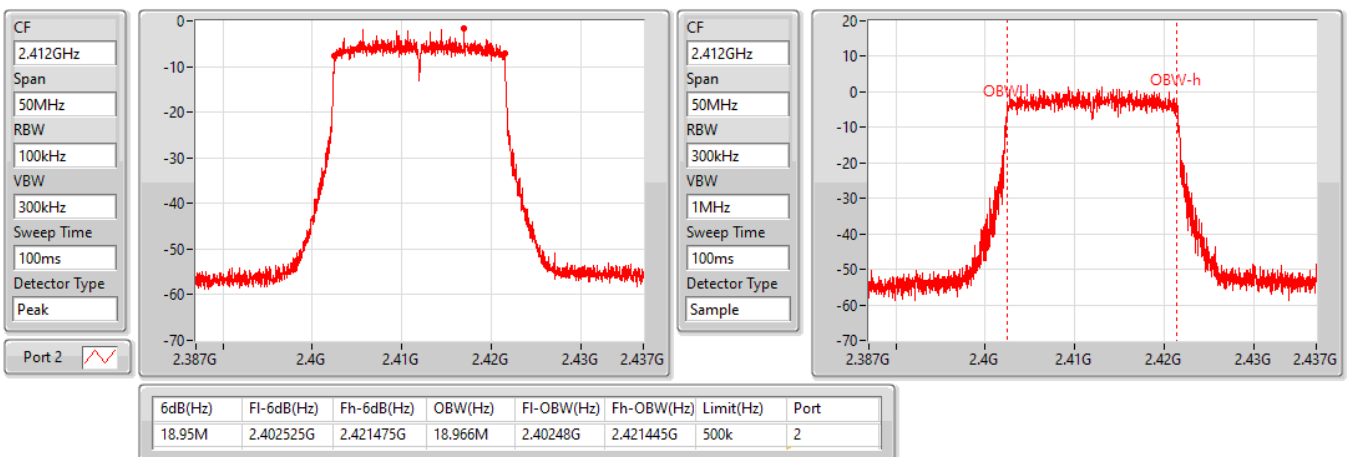


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)
EBW
2472MHz

21/07/2022


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
2412MHz

16/05/2022

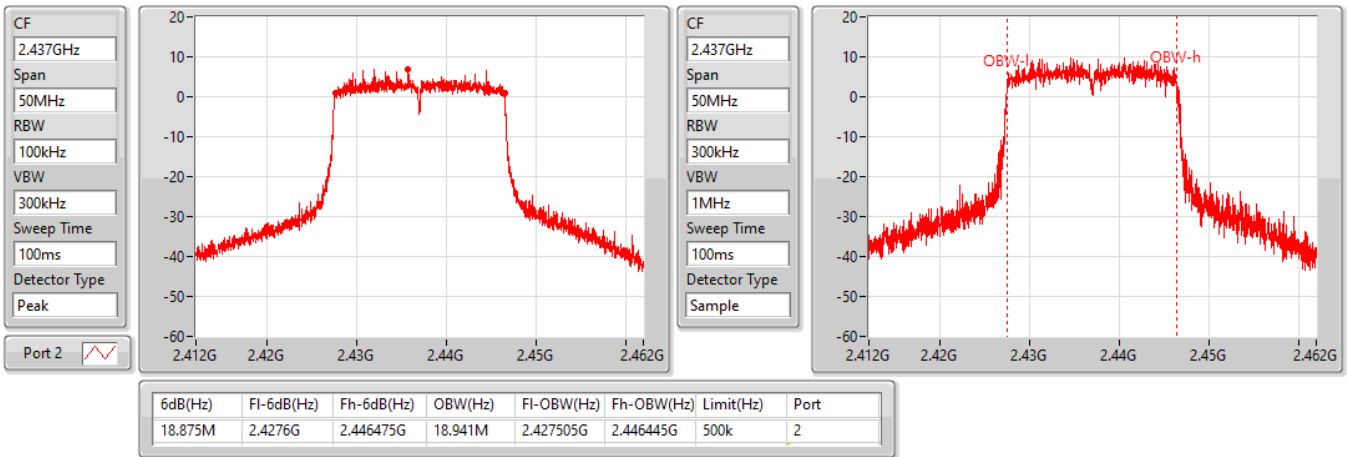


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

EBW

2437MHz

16/05/2022

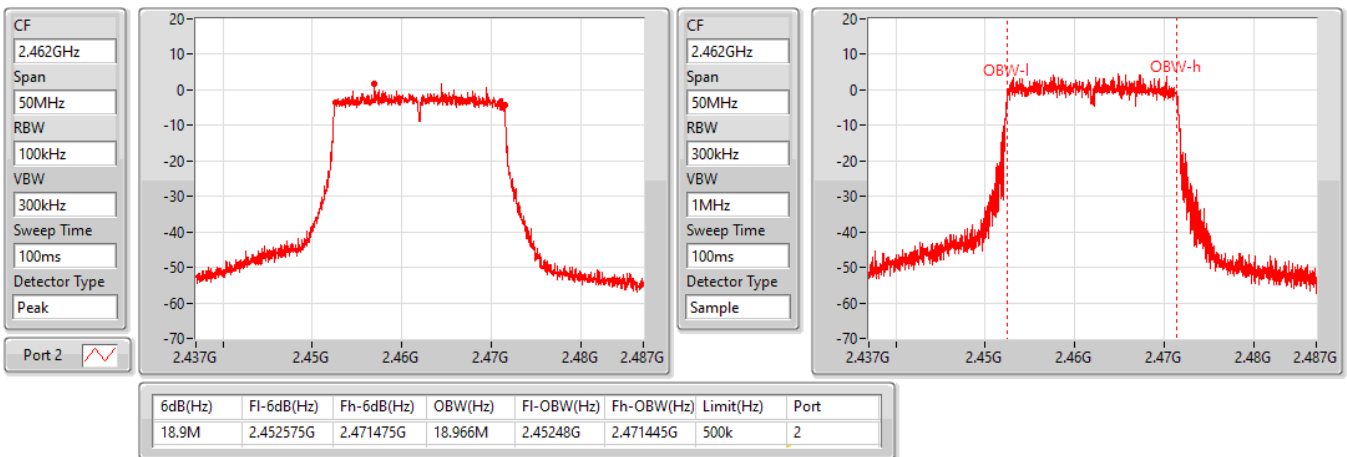


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

EBW

2462MHz

16/05/2022

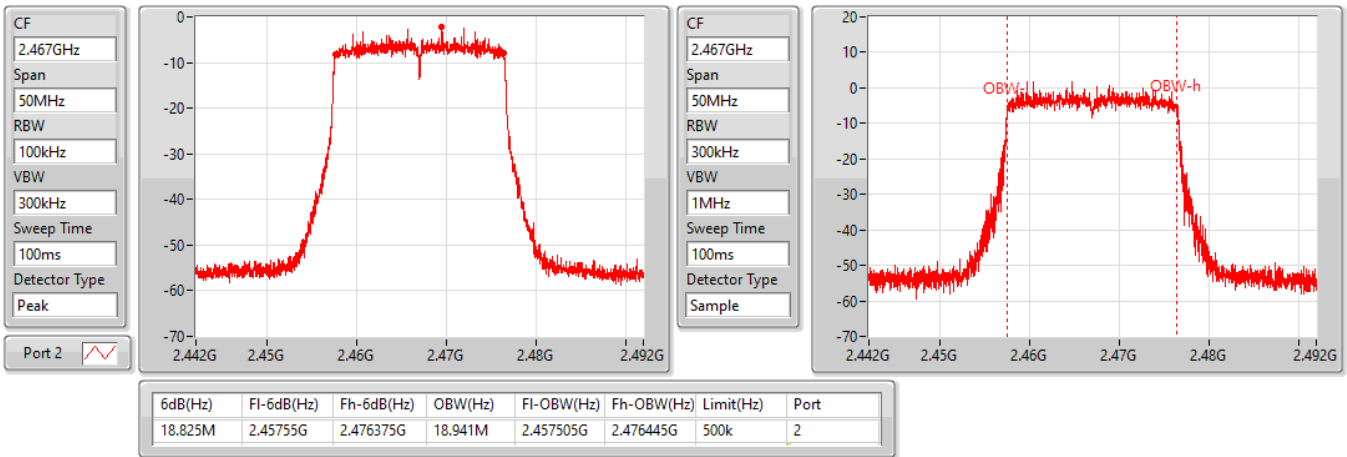


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

EBW

2467MHz

16/05/2022

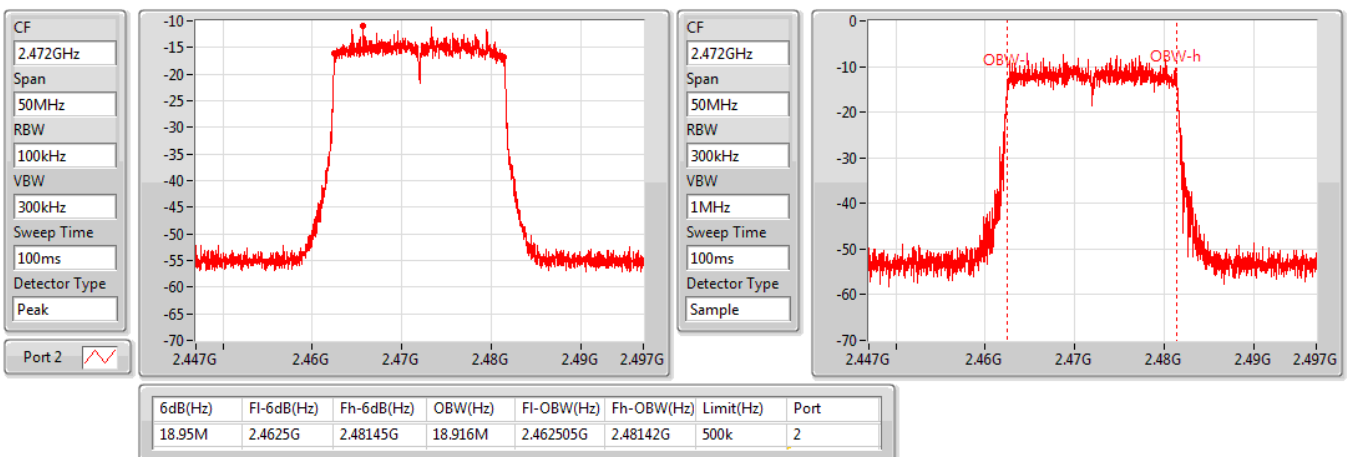


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

EBW

2472MHz

21/07/2022

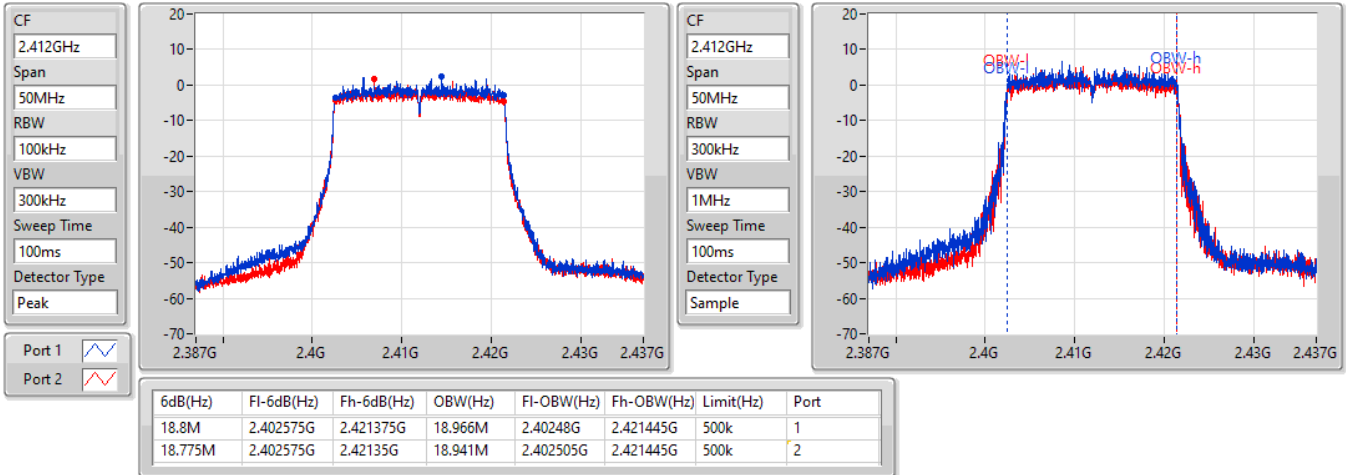


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2412MHz

16/05/2022

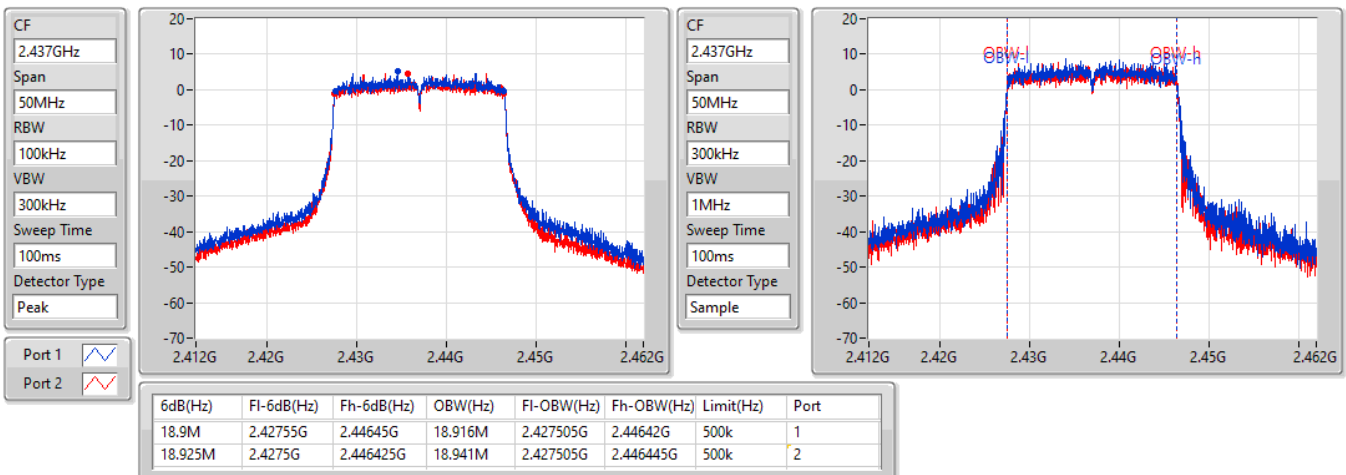


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2437MHz

16/05/2022

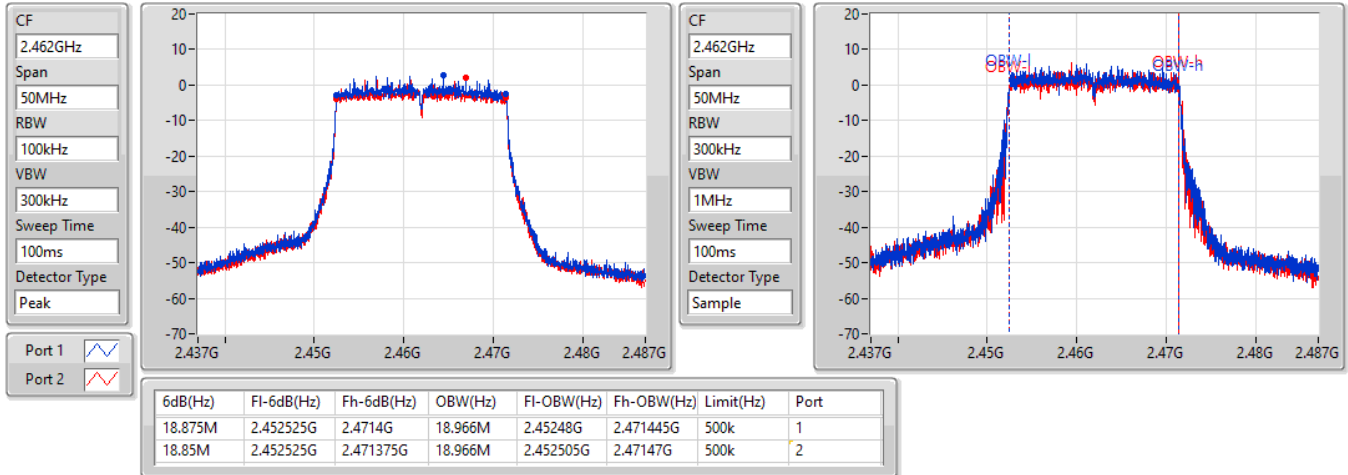


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2462MHz

16/05/2022

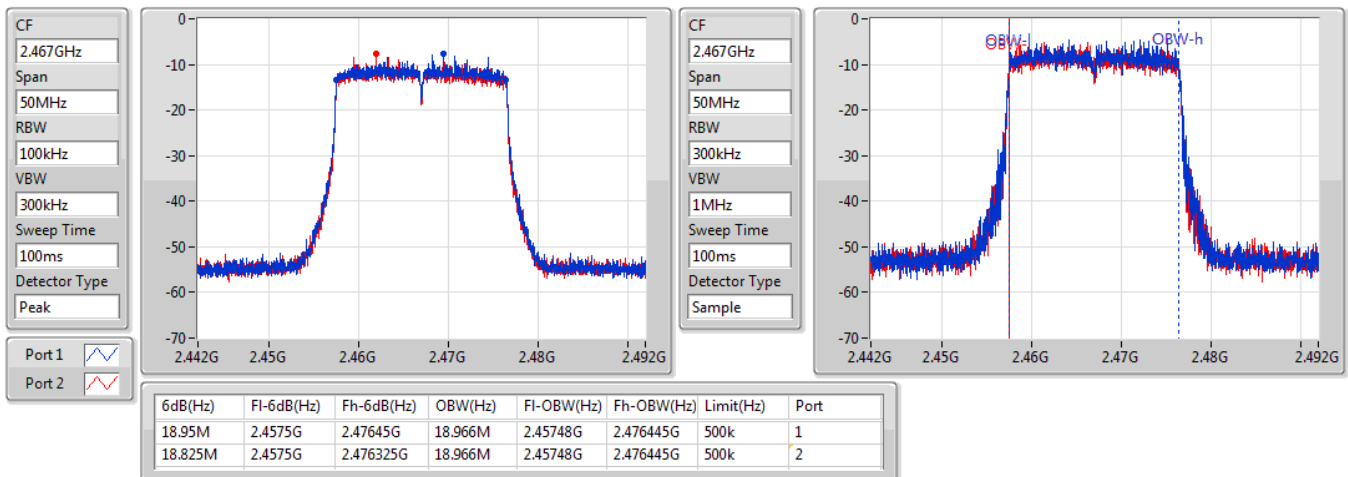


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2467MHz

21/07/2022

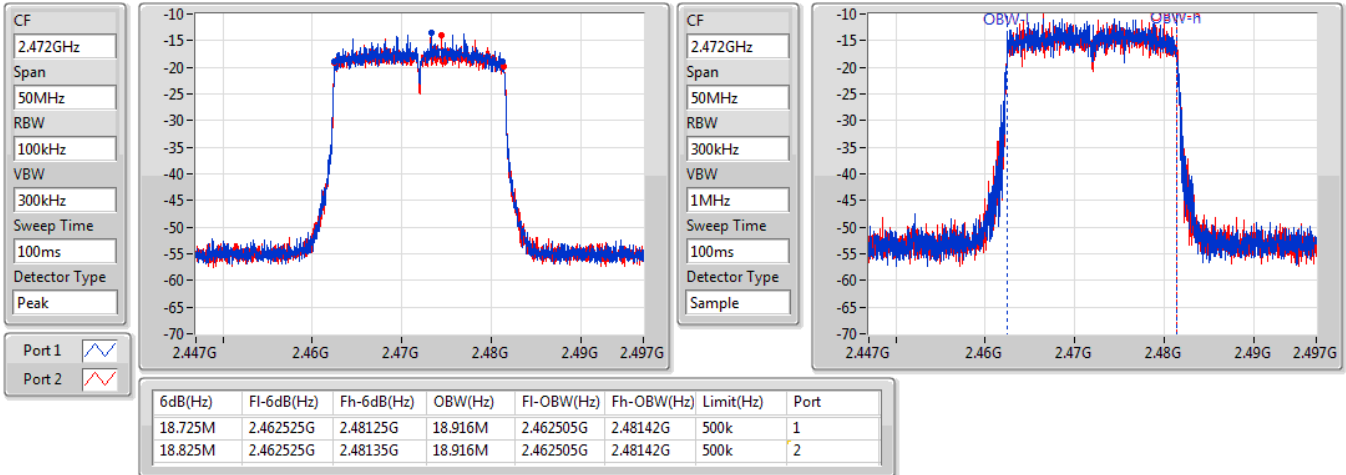


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2472MHz

21/07/2022

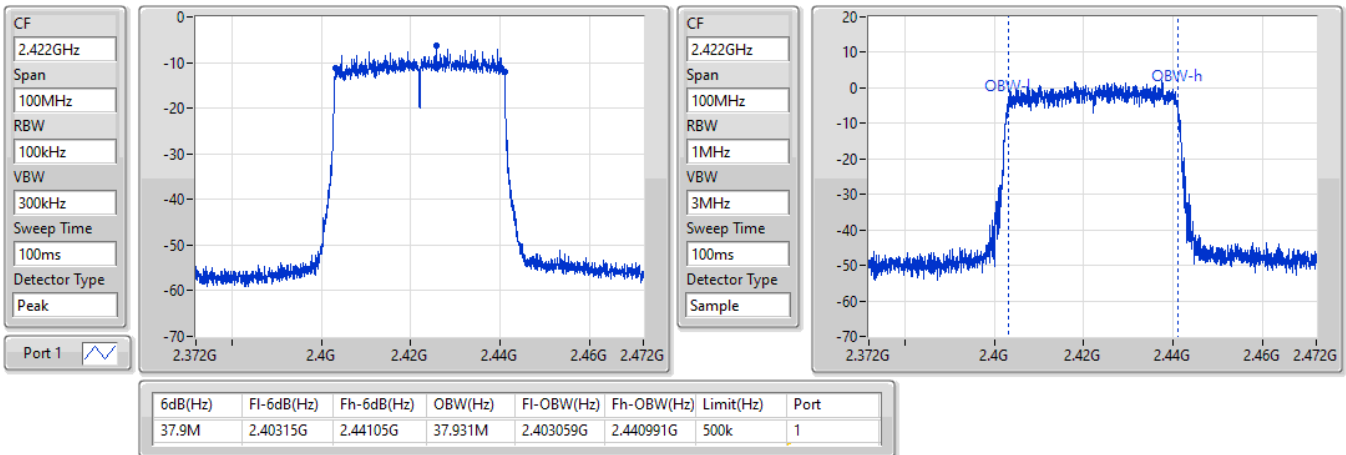


802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)

EBW

2422MHz

16/05/2022

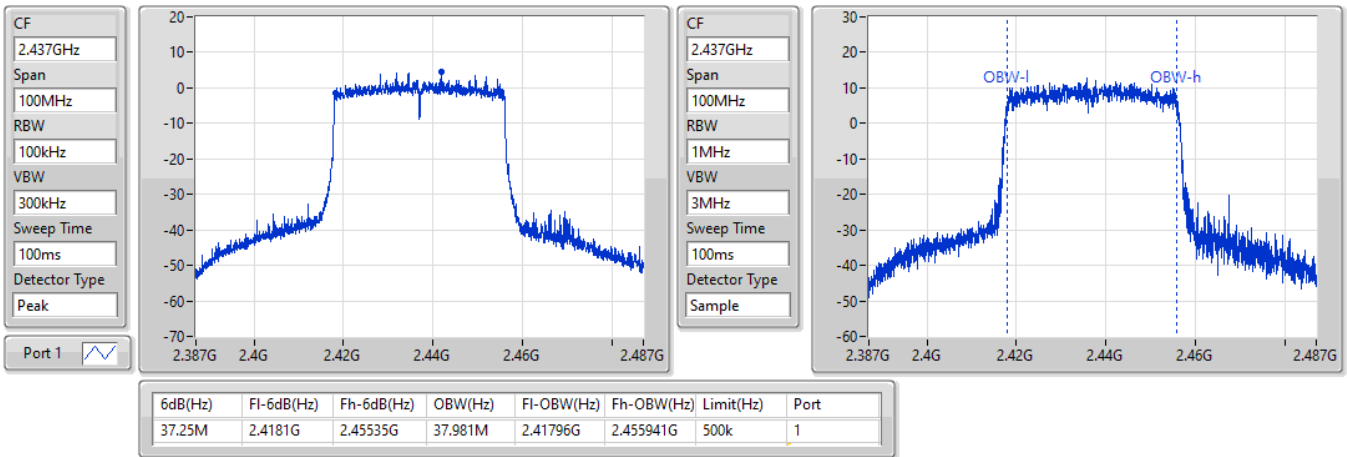


802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)

EBW

2437MHz

16/05/2022

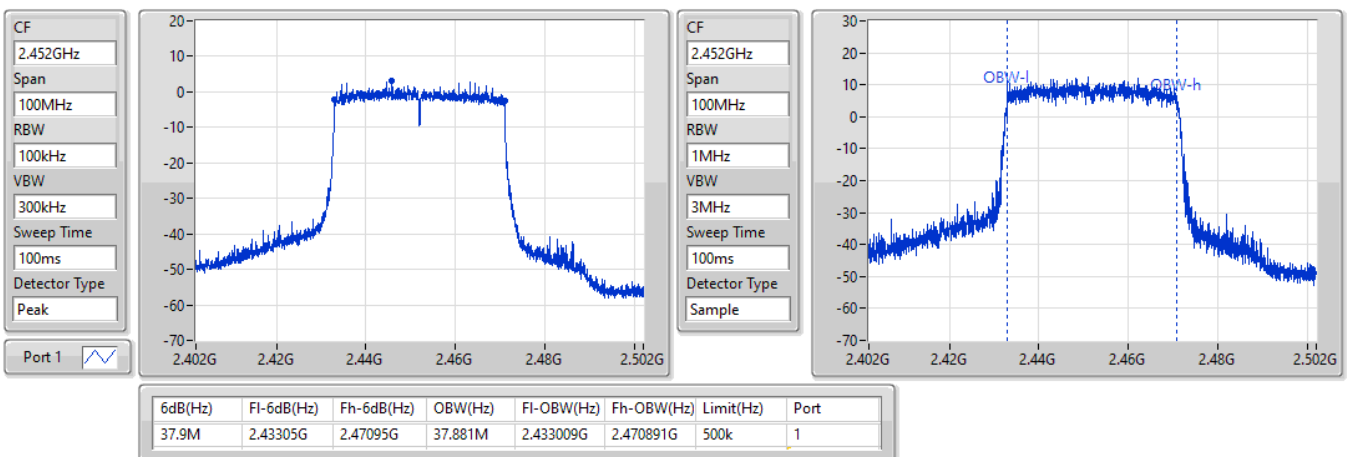


802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)

EBW

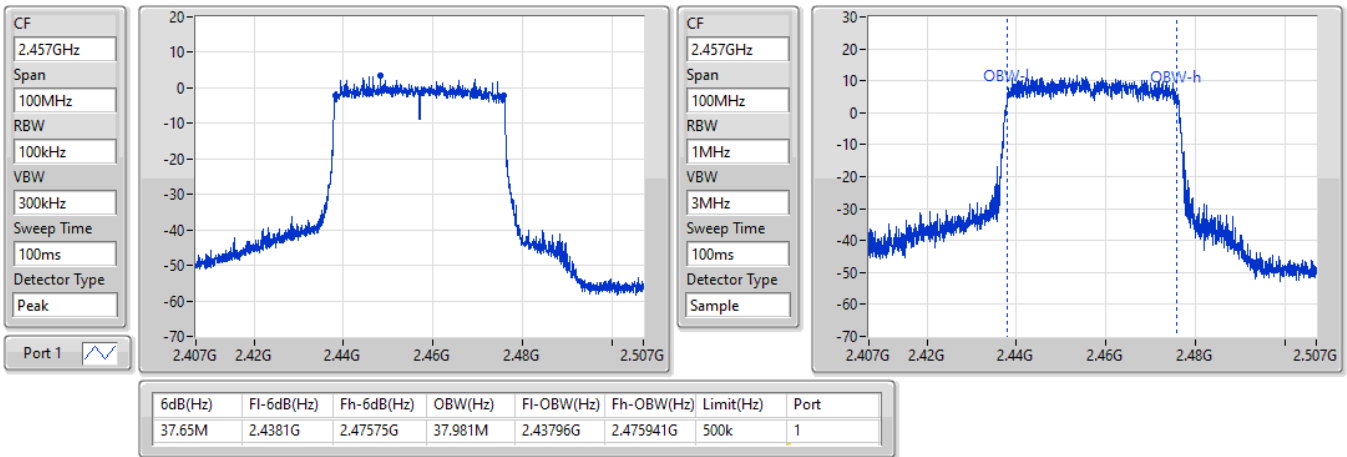
2452MHz

16/05/2022

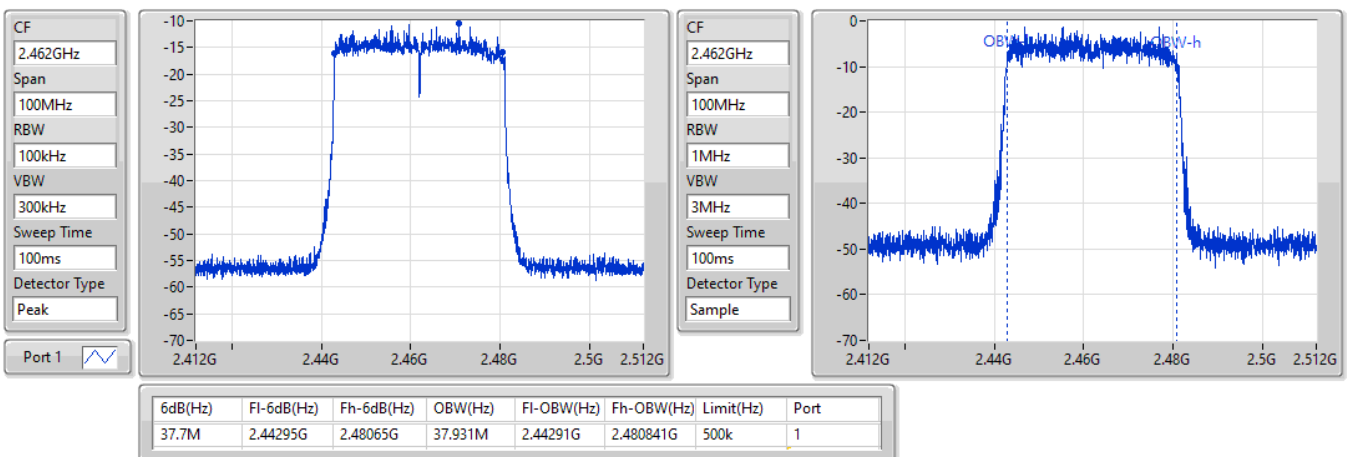


802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)
EBW
2457MHz

16/05/2022


802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)
EBW
2462MHz

16/05/2022

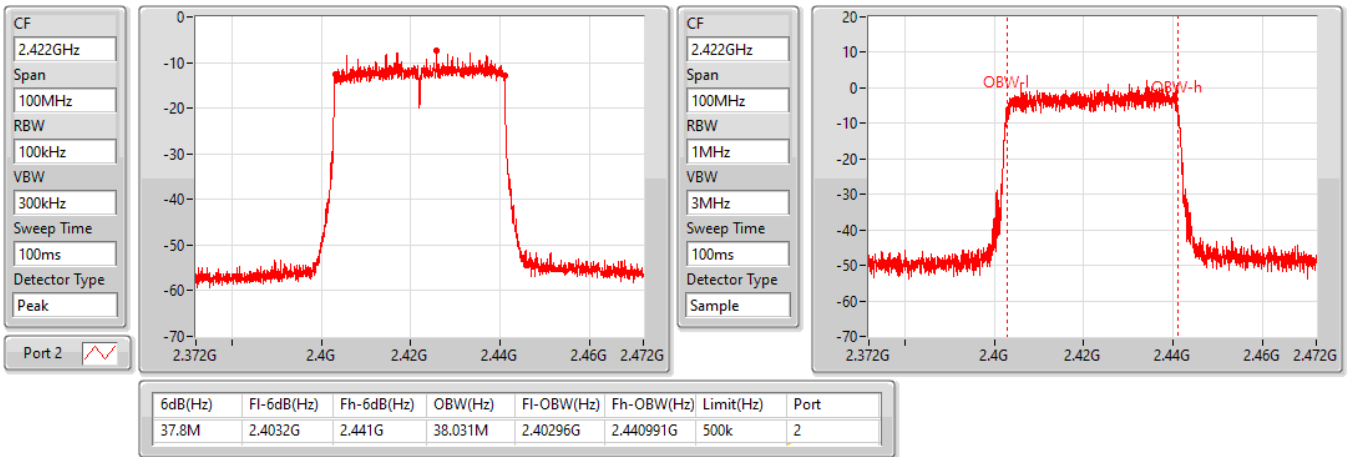


802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)

EBW

2422MHz

16/05/2022

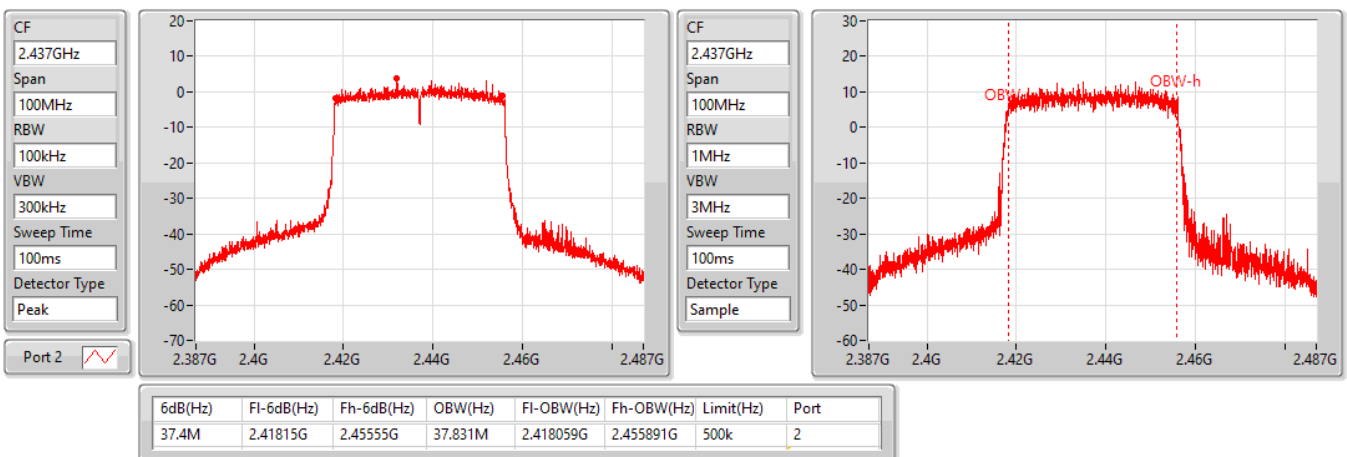


802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)

EBW

2437MHz

16/05/2022

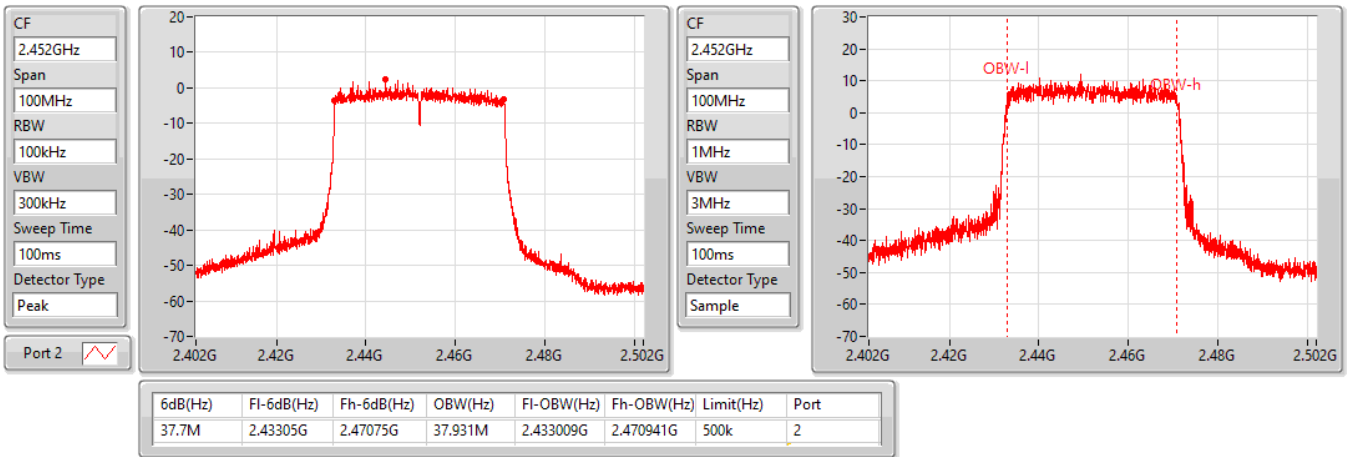


802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)

EBW

2452MHz

16/05/2022

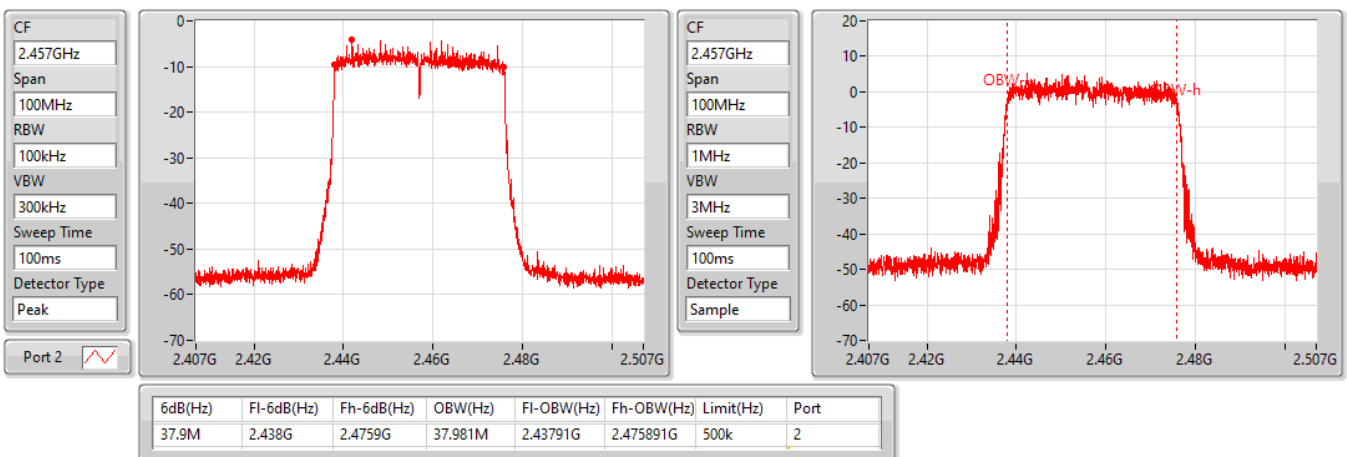


802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)

EBW

2457MHz

16/05/2022

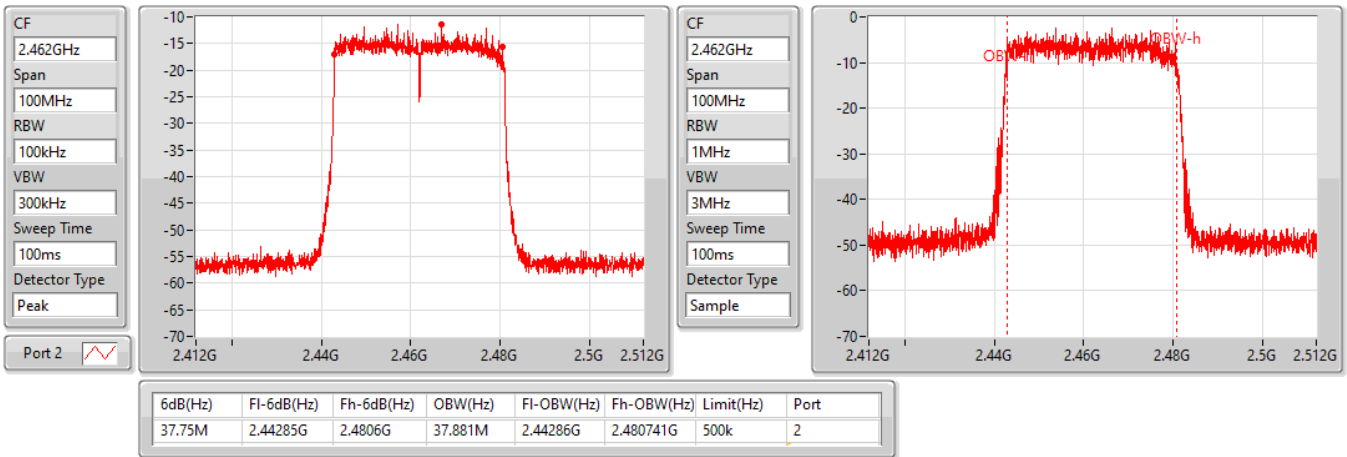


802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)

EBW

2462MHz

16/05/2022

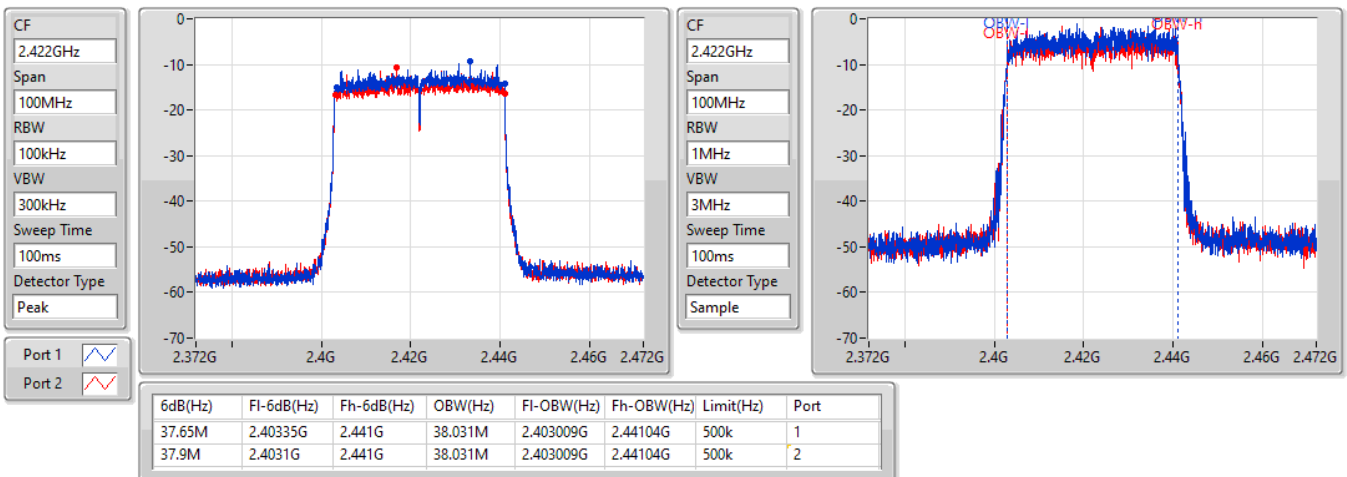


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2422MHz

16/05/2022

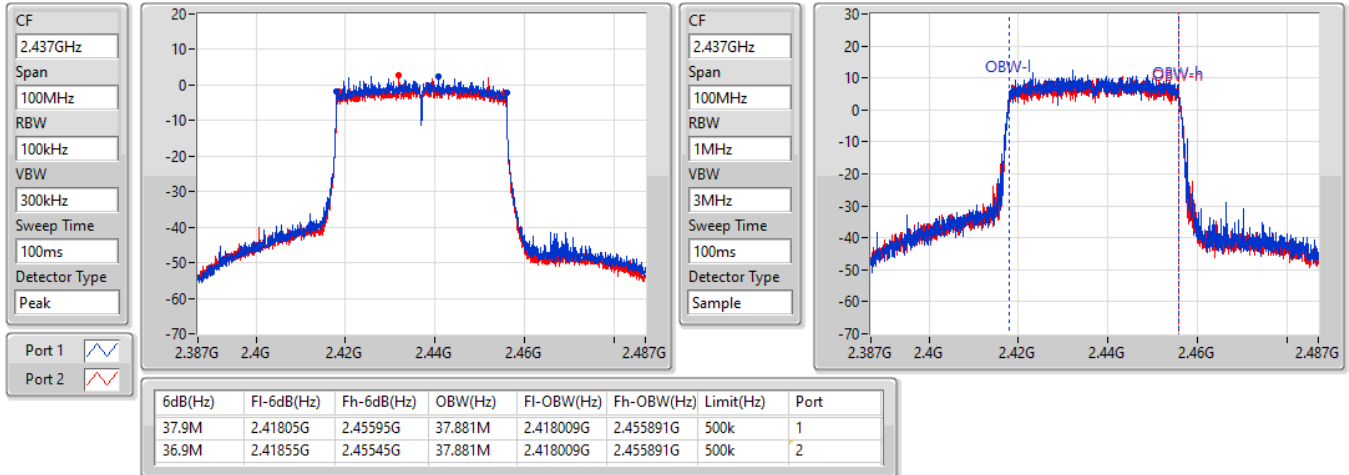


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2437MHz

16/05/2022

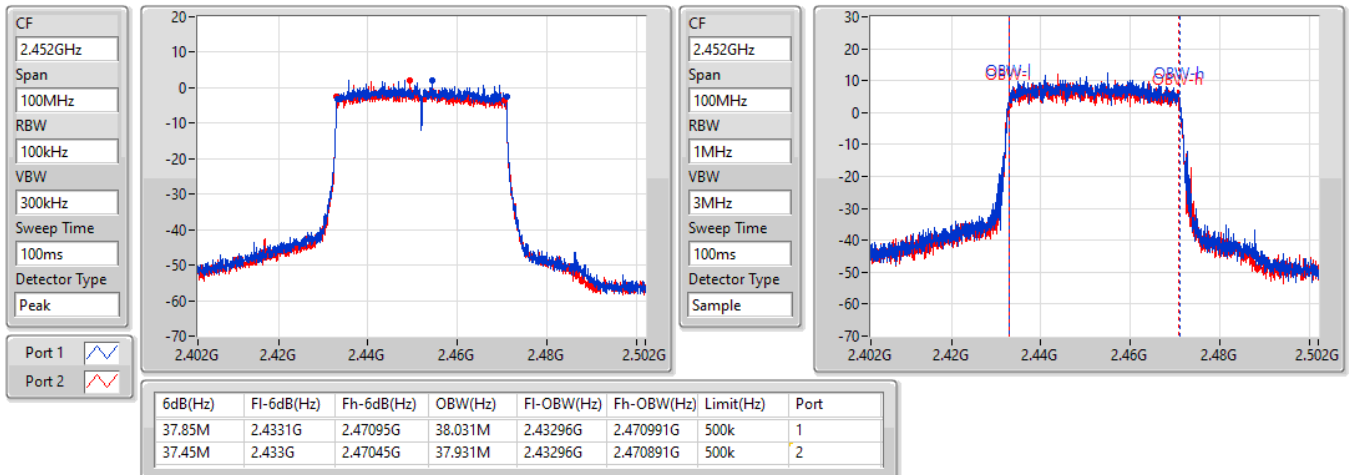


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2452MHz

16/05/2022

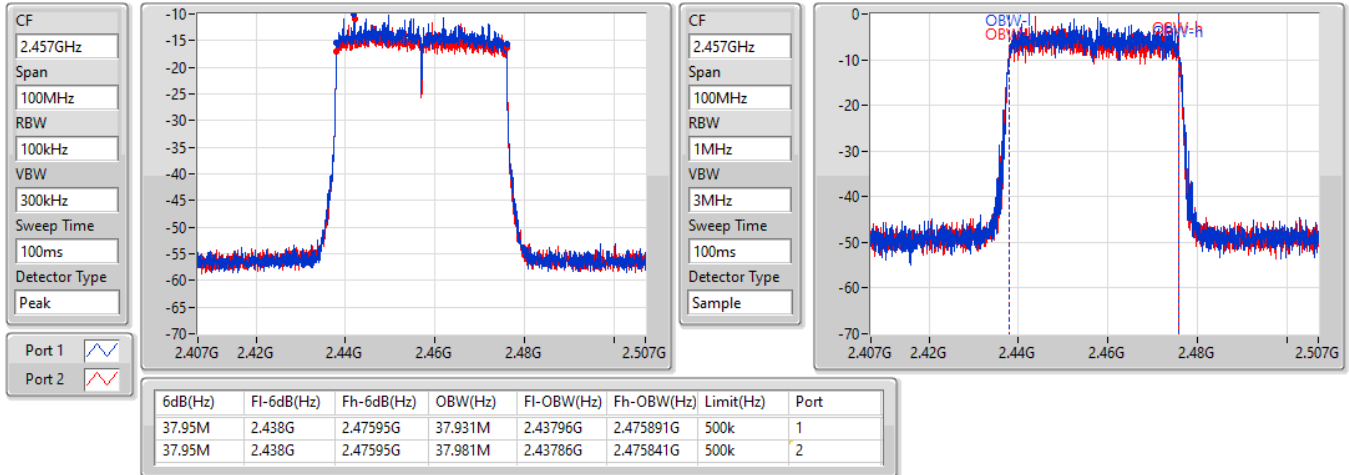


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2457MHz

16/05/2022

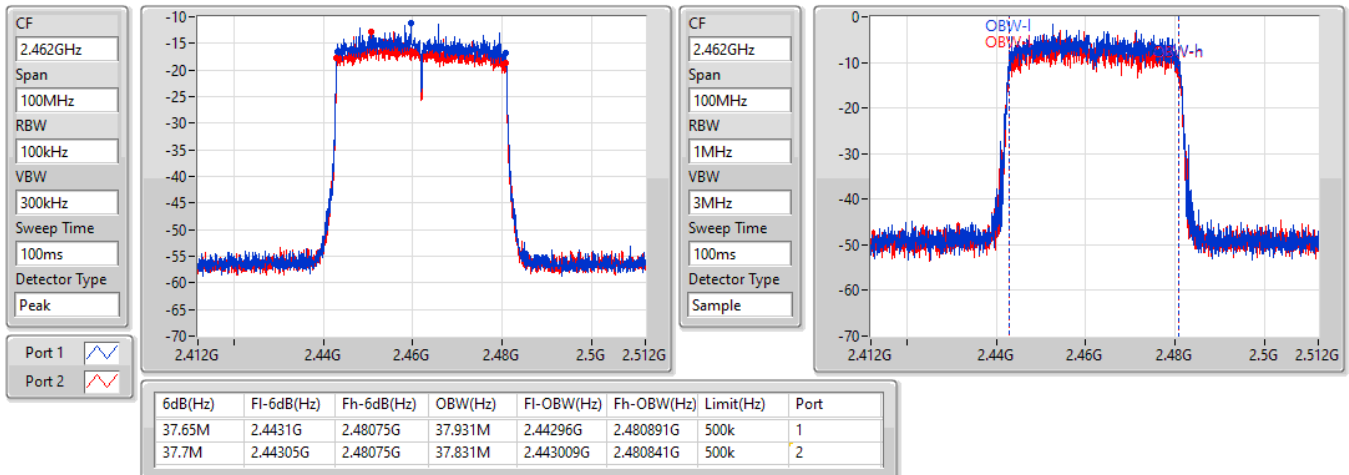


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2462MHz

16/05/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_2TX	2.05M	17.091M	17M1D1D	2.025M	16.217M
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 4_2TX	2.625M	12.944M	12M9D1D	2.6M	12.819M
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_2TX	2.075M	16.367M	16M4D1D	2M	15.567M
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_2TX	17.025M	16.692M	16M7D1D	17.025M	16.092M
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_2TX	16.975M	17.141M	17M1D1D	4M	14.843M
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_2TX	17.125M	16.692M	16M7D1D	17.05M	16.017M
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_2TX	17.325M	17.691M	17M7D1D	17.025M	16.942M
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 61_2TX	33.8M	34.133M	34M1D1D	31.3M	31.784M
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 62_2TX	36.95M	37.081M	37M1D1D	36.55M	36.282M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

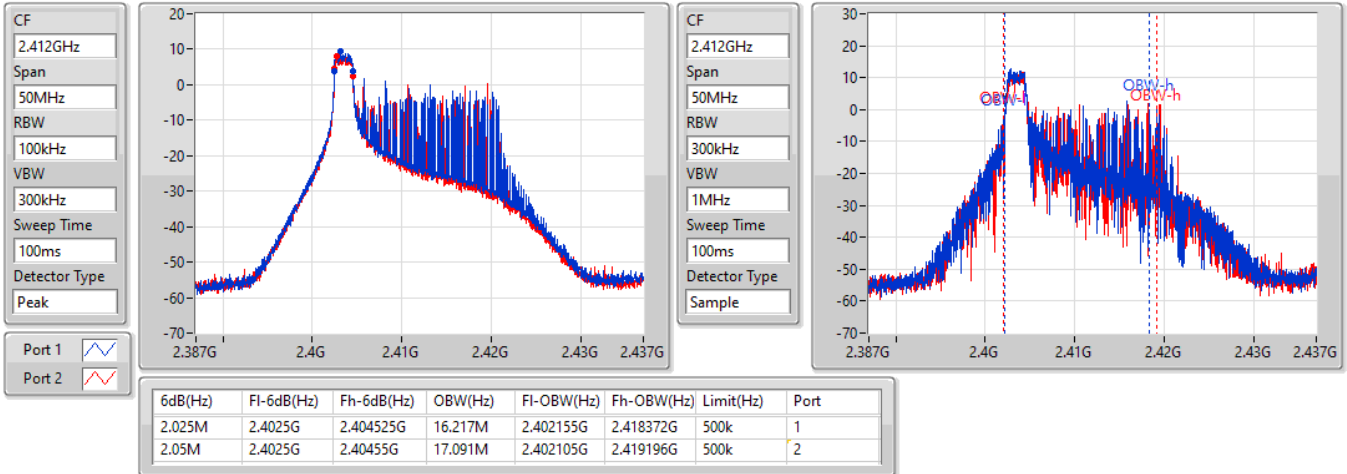
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	2.025M	16.217M	2.05M	17.091M
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 4_2TX	-	-	-	-	-	-
2437MHz	Pass	500k	2.625M	12.944M	2.6M	12.819M
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_2TX	-	-	-	-	-	-
2462MHz	Pass	500k	2.025M	16.042M	2.075M	15.942M
2467MHz	Pass	500k	2.025M	15.917M	2.025M	15.567M
2472MHz	Pass	500k	2M	16.117M	2.05M	16.367M
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.025M	16.692M	17.025M	16.092M
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_2TX	-	-	-	-	-	-
2437MHz	Pass	500k	4.025M	16.067M	4M	17.141M
2462MHz	Pass	500k	16.975M	14.843M	4M	15.417M
2467MHz	Pass	500k	4M	15.842M	4.45M	16.367M
2472MHz	Pass	500k	4.05M	15.992M	4.5M	16.217M
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.125M	16.692M	17.05M	16.017M
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_2TX	-	-	-	-	-	-
2437MHz	Pass	500k	17.025M	16.992M	17.1M	17.116M
2462MHz	Pass	500k	17.1M	17.466M	17.325M	17.416M
2467MHz	Pass	500k	17.075M	17.691M	17.3M	17.166M
2472MHz	Pass	500k	17.325M	17.566M	17.3M	16.942M
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 61_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	31.3M	31.784M	33.8M	34.133M
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 62_2TX	-	-	-	-	-	-
2437MHz	Pass	500k	36.6M	36.682M	36.55M	36.732M
2452MHz	Pass	500k	36.95M	36.532M	36.75M	36.282M
2457MHz	Pass	500k	36.95M	36.732M	36.65M	36.932M
2462MHz	Pass	500k	36.6M	36.882M	36.75M	37.081M

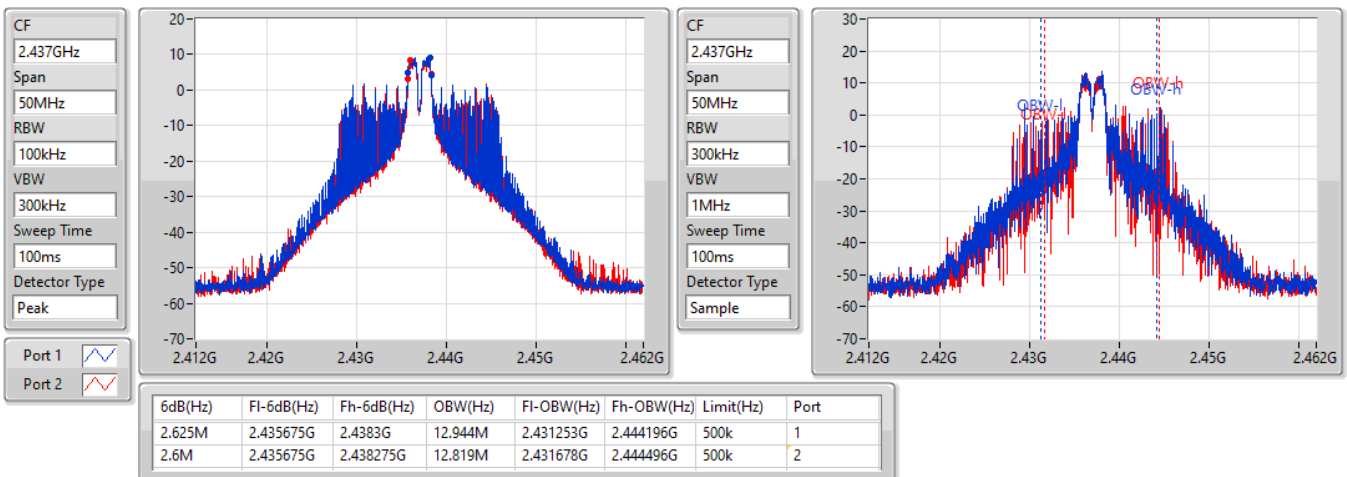
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_2TX
EBW
2412MHz

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802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 4_2TX
EBW
2437MHz

24/05/2022

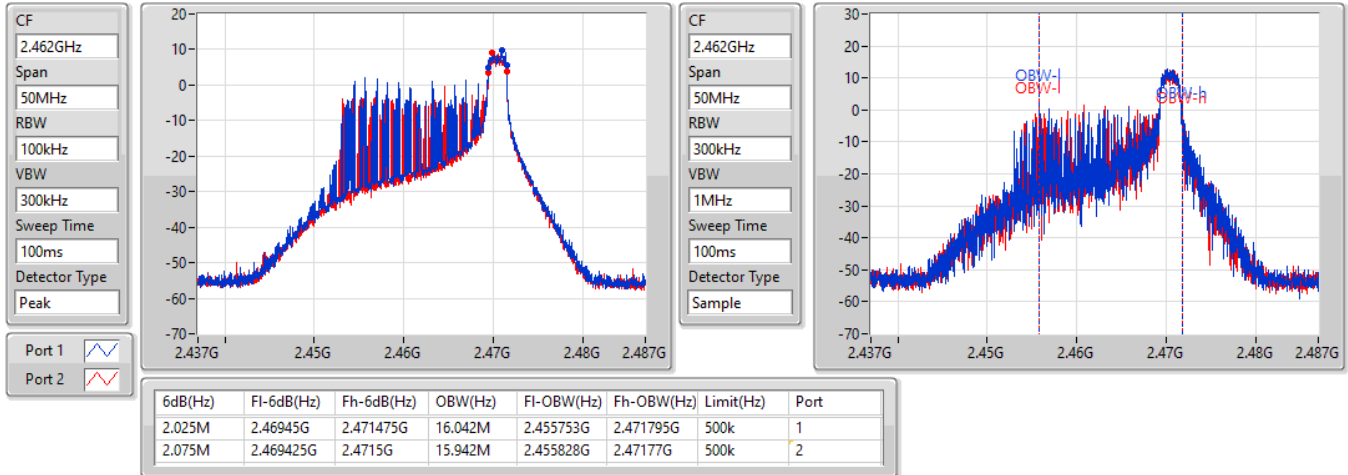


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_2TX

EBW

2462MHz

24/05/2022

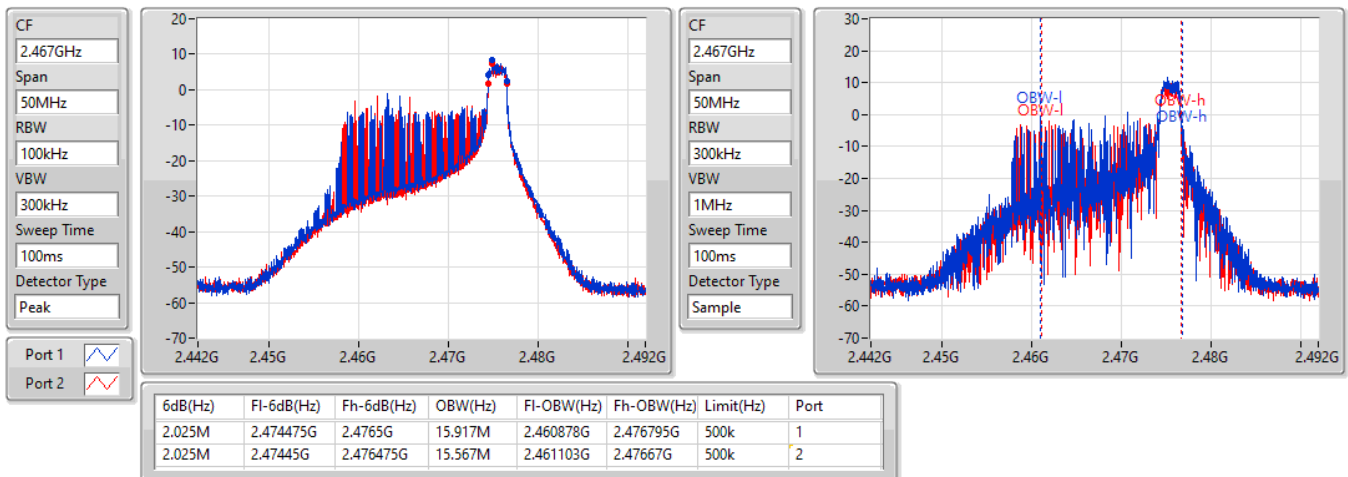


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_2TX

EBW

2467MHz

24/05/2022

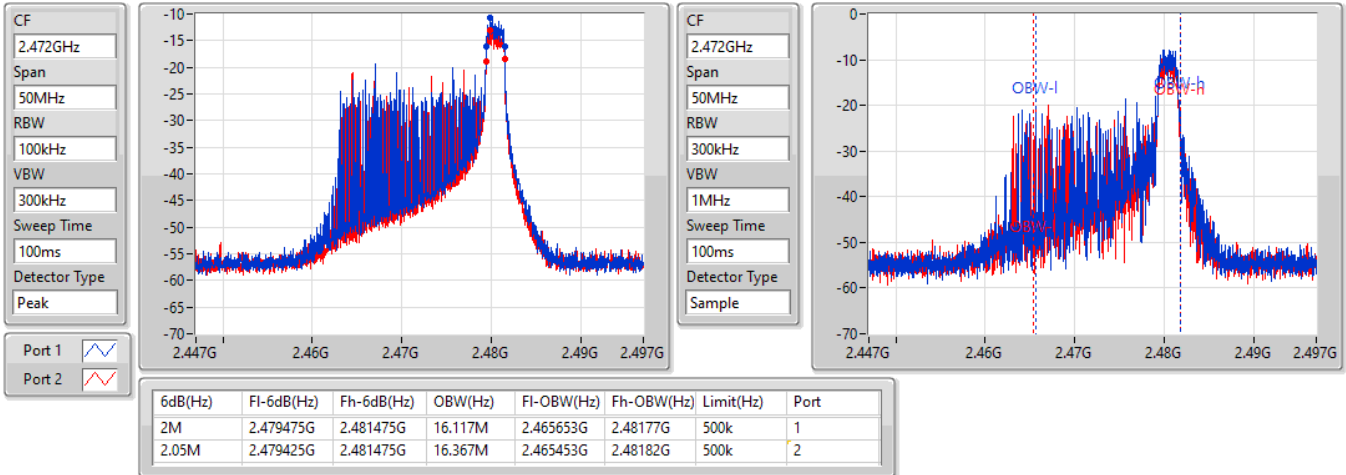


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_2TX

EBW

2472MHz

24/05/2022

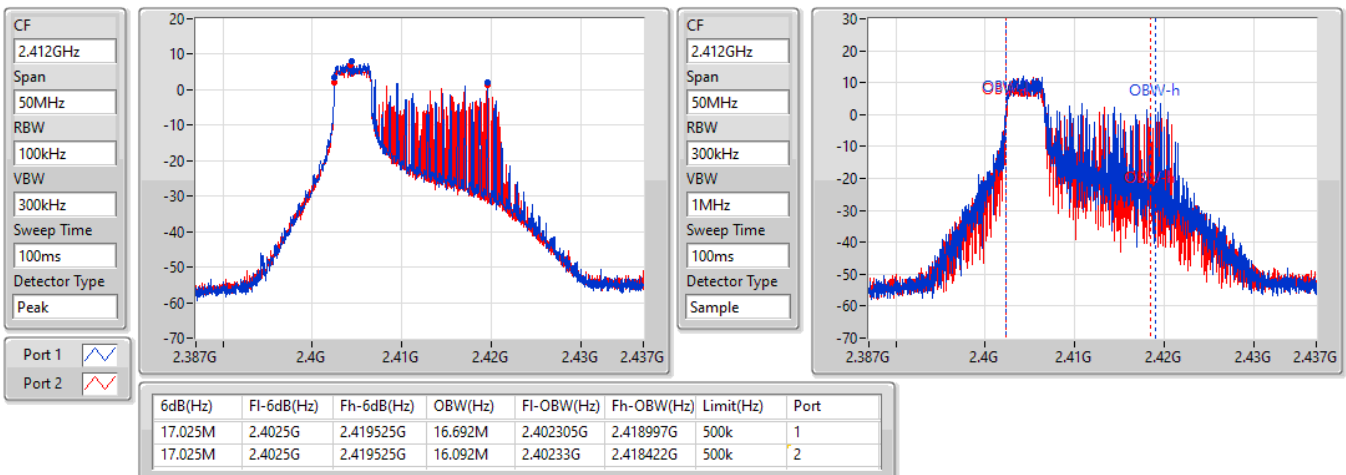


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_2TX

EBW

2412MHz

24/05/2022

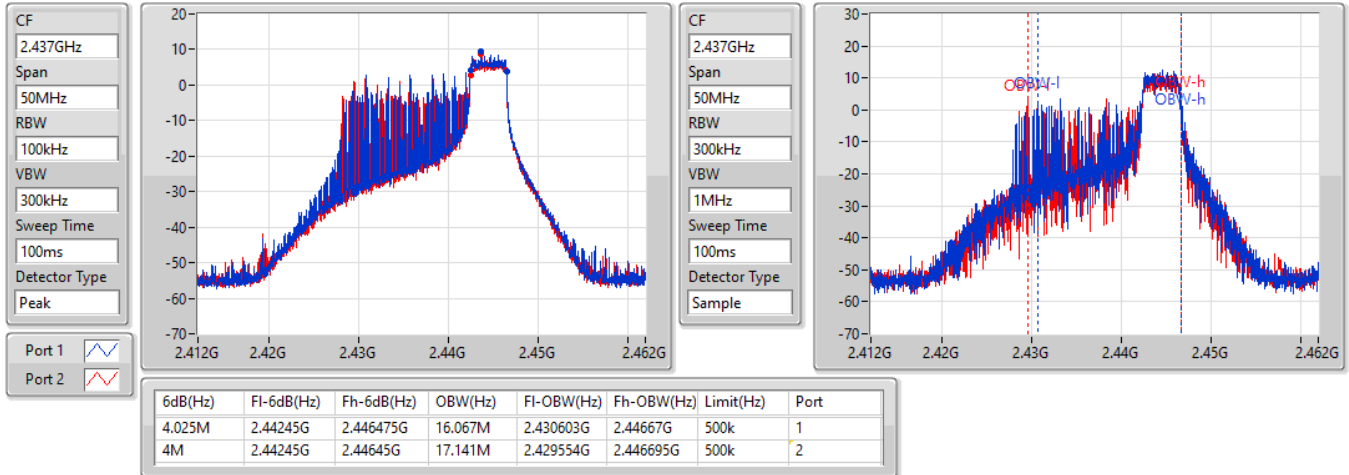


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_2TX

EBW

2437MHz

24/05/2022

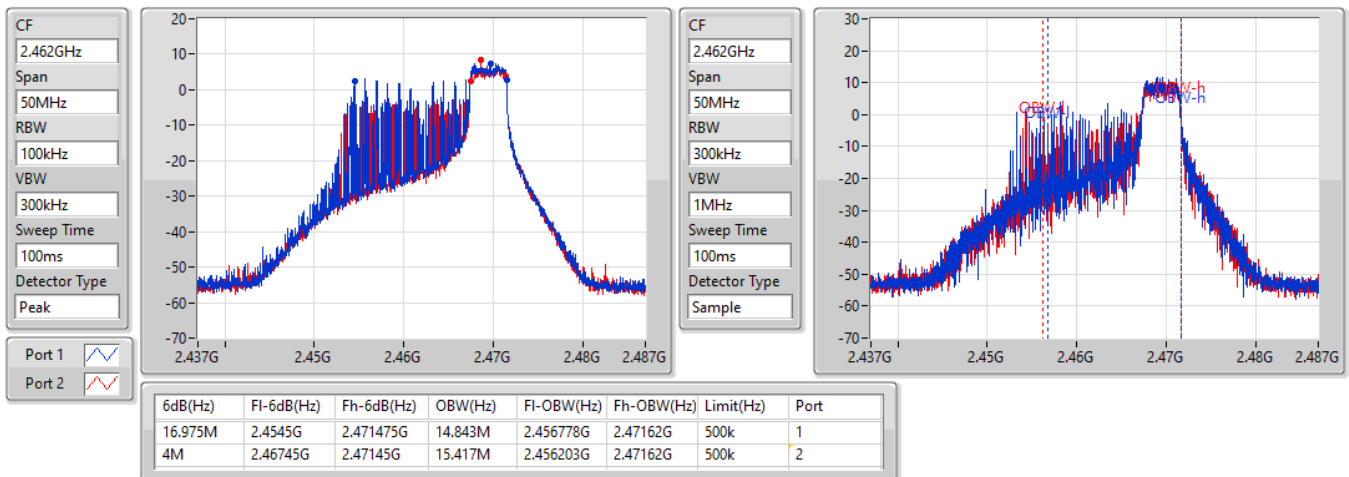


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_2TX

EBW

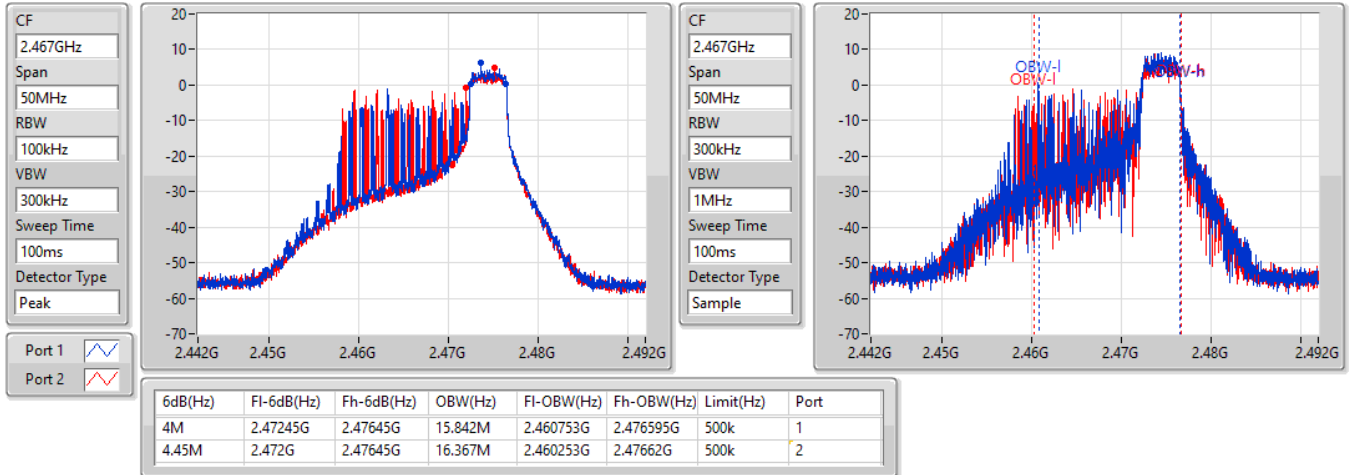
2462MHz

24/05/2022

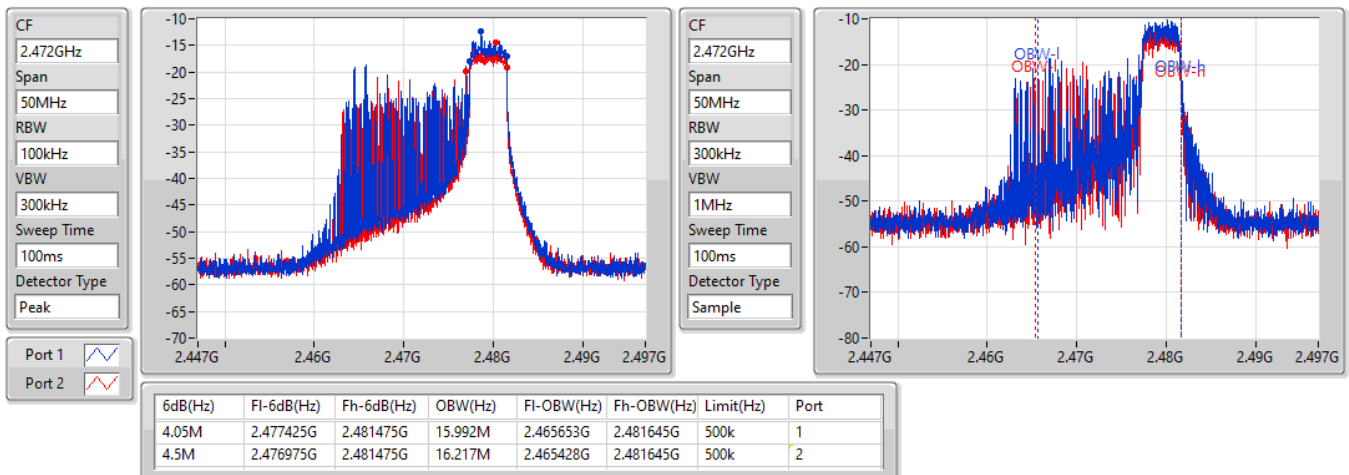


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_2TX
EBW
2467MHz

24/05/2022

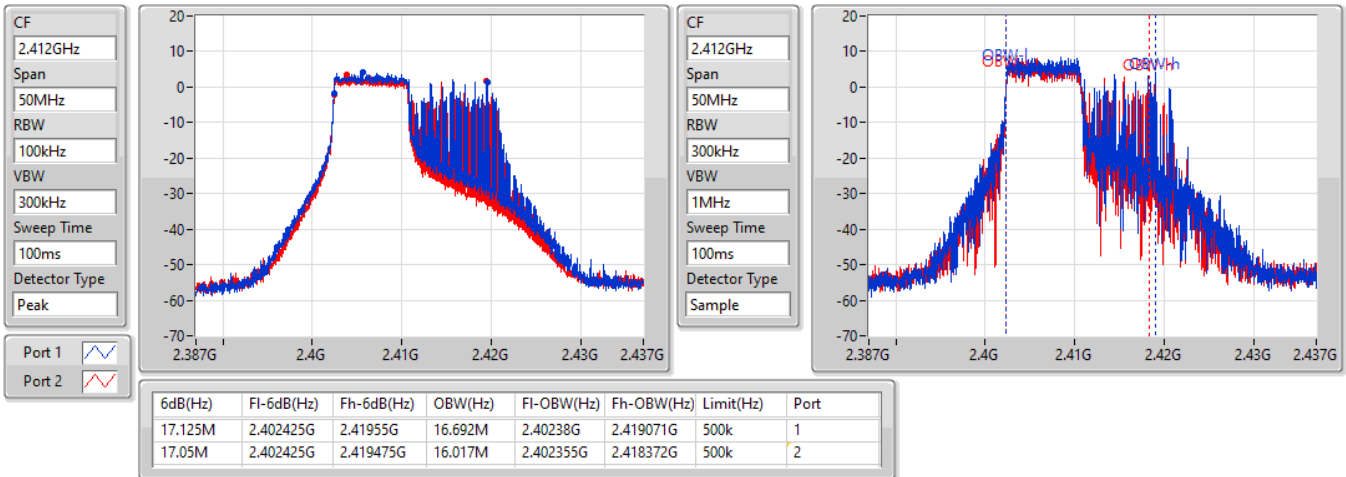

802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_2TX
EBW
2472MHz

24/05/2022

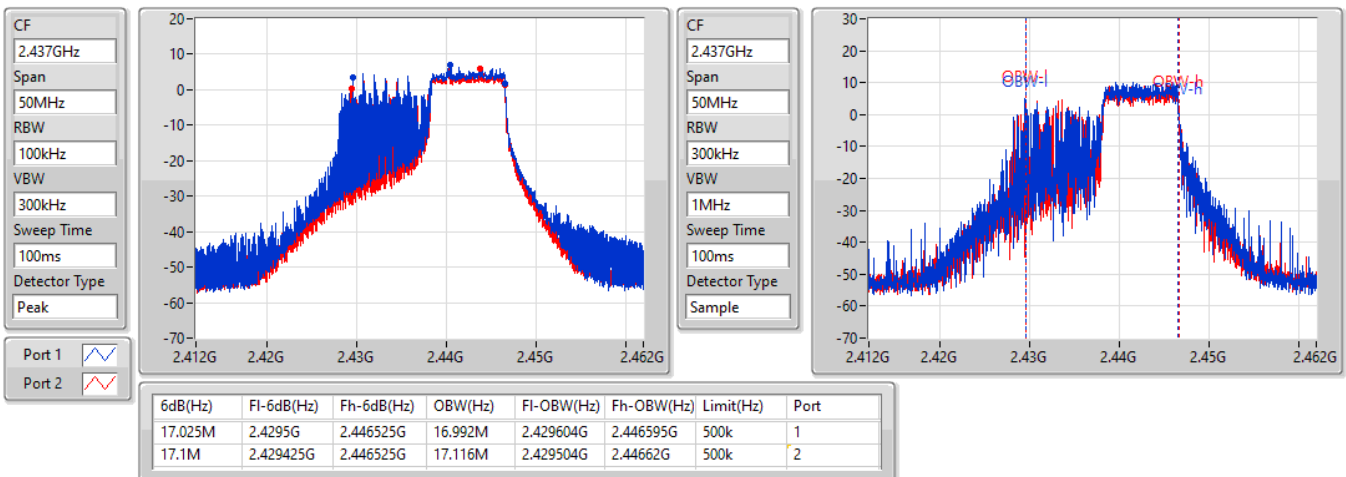


802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_2TX
EBW
2412MHz

24/05/2022


802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_2TX
EBW
2437MHz

24/05/2022

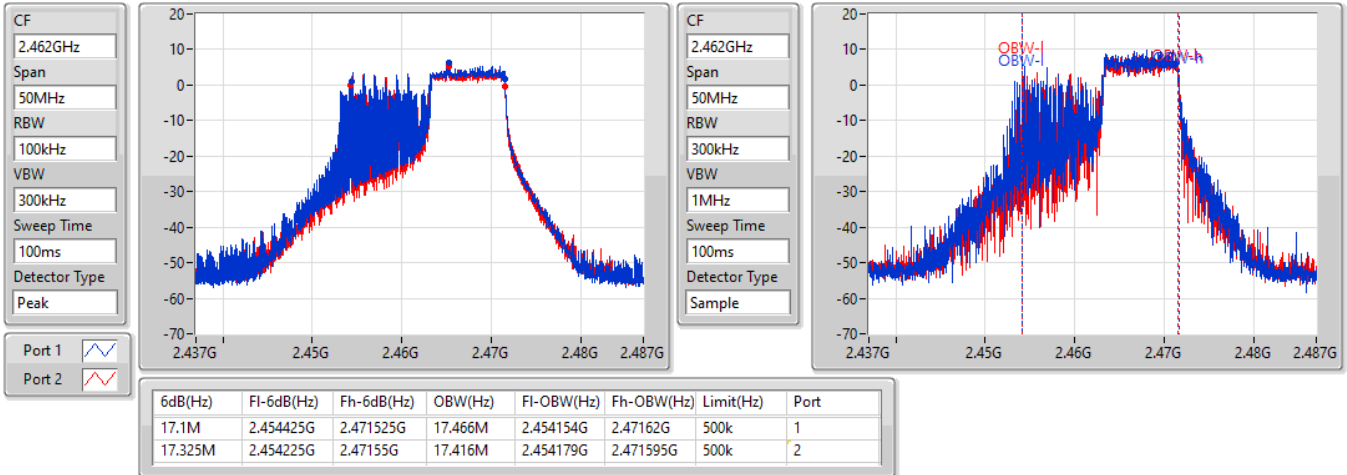


802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_2TX

EBW

2462MHz

24/05/2022

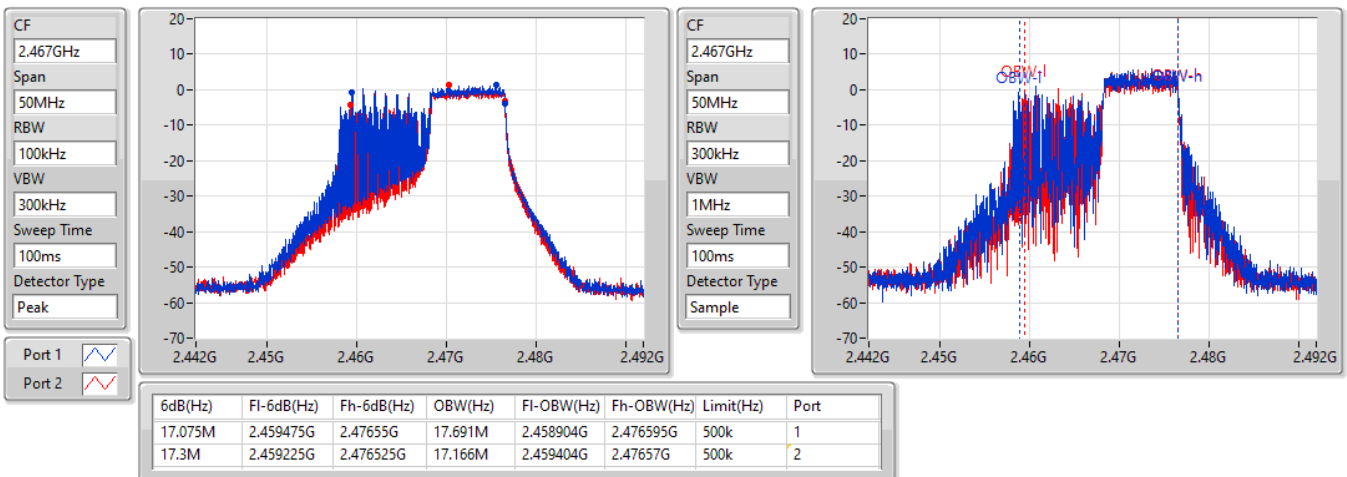


802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_2TX

EBW

2467MHz

24/05/2022

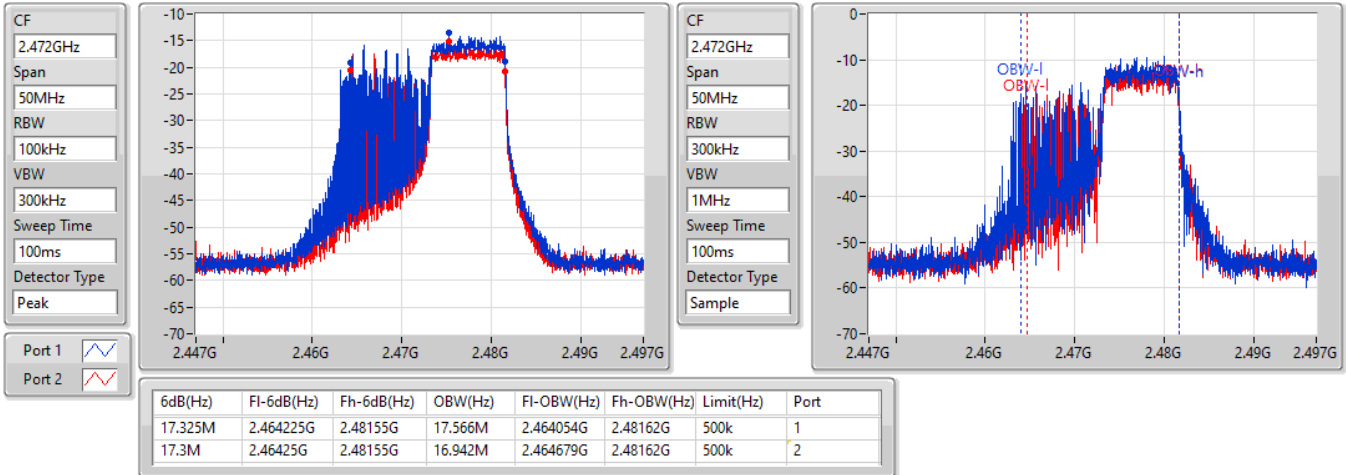


802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_2TX

EBW

2472MHz

24/05/2022

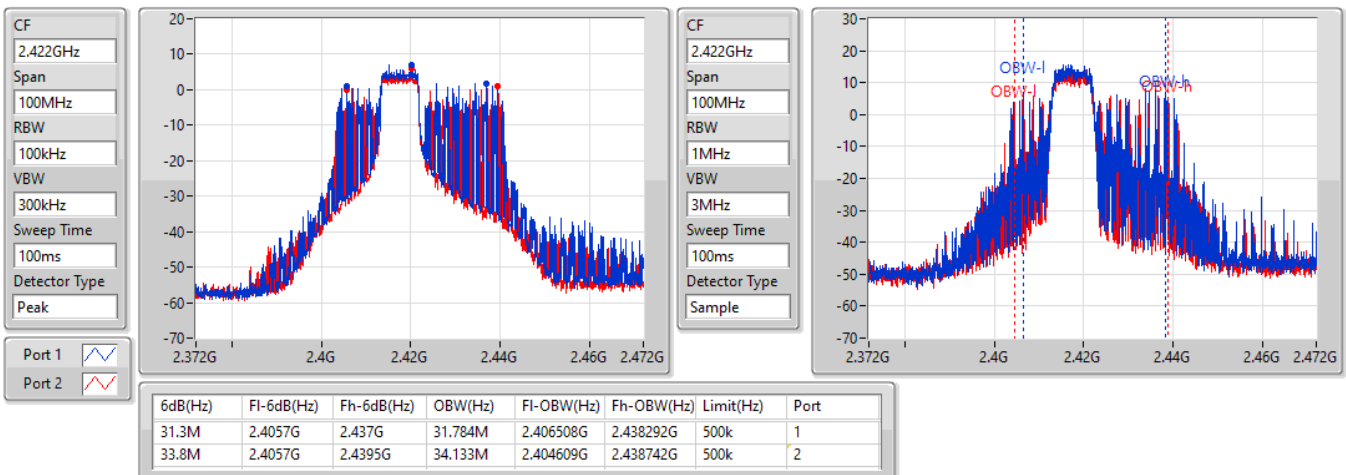


802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 61_2TX

EBW

2422MHz

24/05/2022

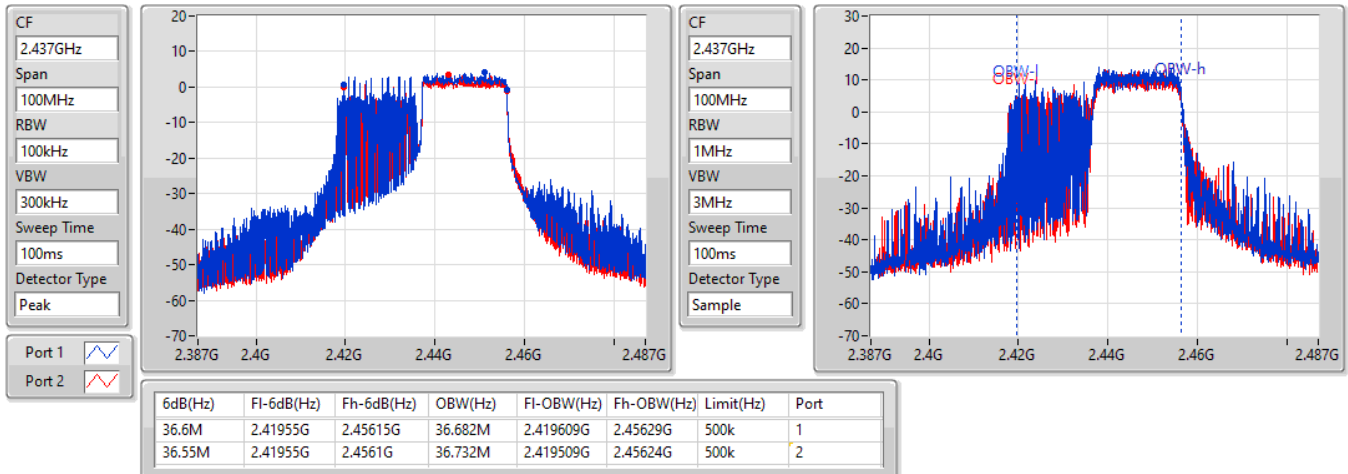


802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 62_2TX

EBW

2437MHz

24/05/2022

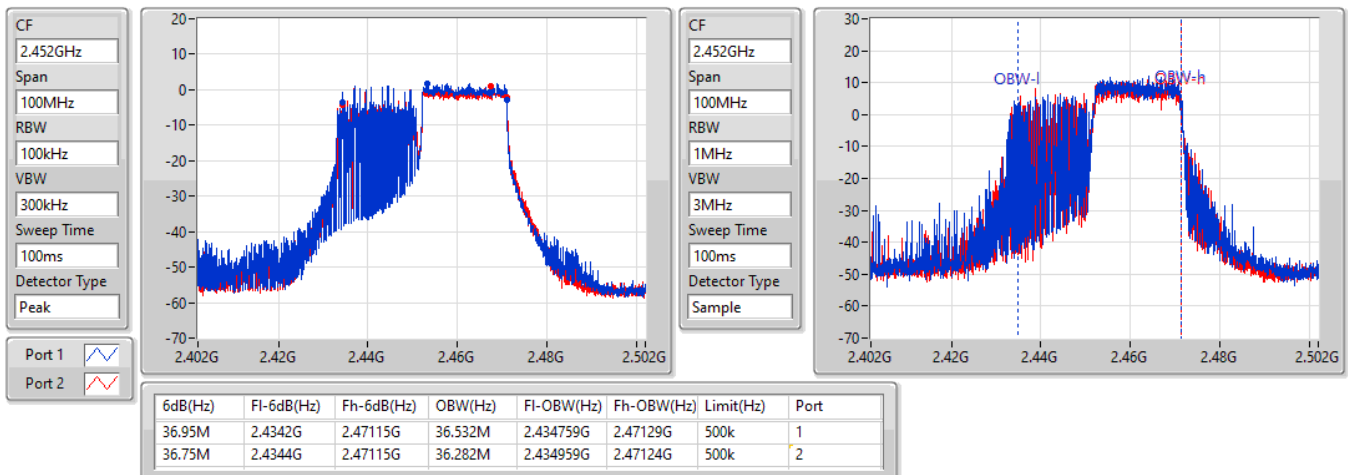


802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 62_2TX

EBW

2452MHz

24/05/2022

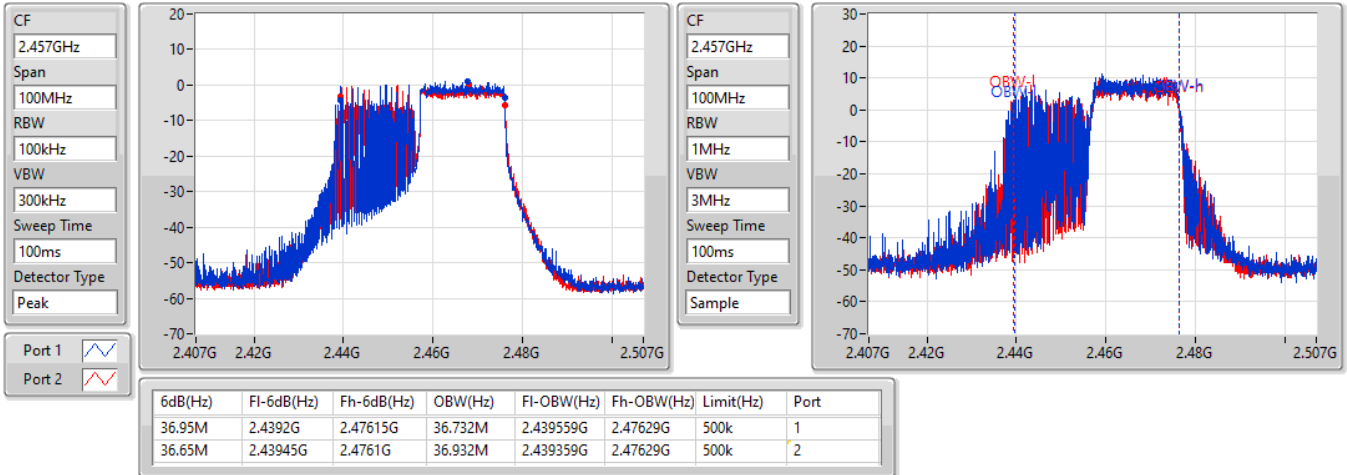


802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 62_2TX

EBW

2457MHz

24/05/2022

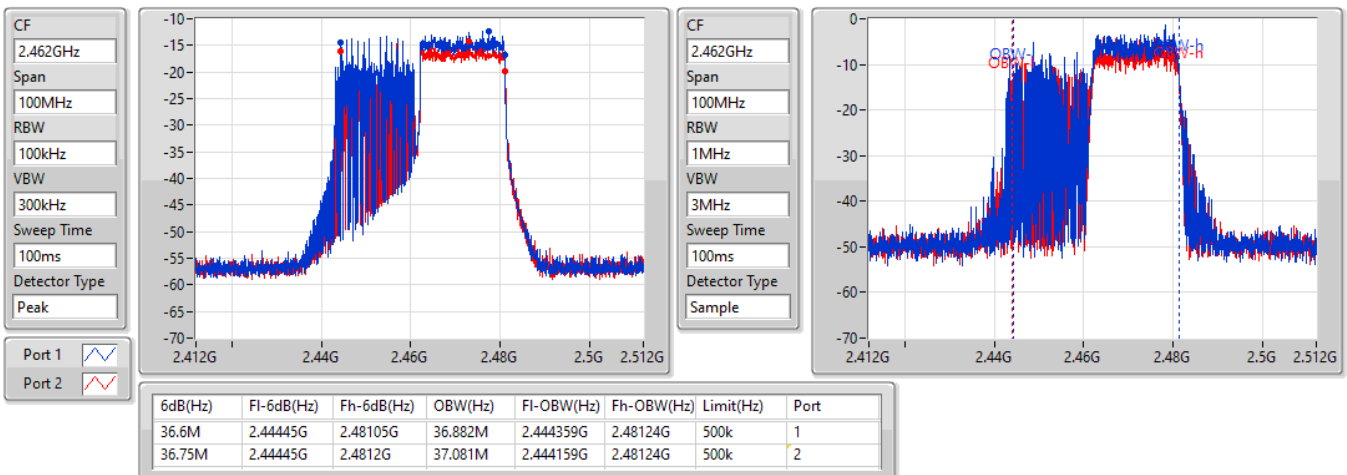


802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 62_2TX

EBW

2462MHz

24/05/2022



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	19.97	0.09931
802.11b_Nss1,(1Mbps)_1TX(Port2)	19.18	0.08279
802.11b_Nss1,(1Mbps)_2TX	20.26	0.10617
802.11g_Nss1,(6Mbps)_1TX(Port1)	19.78	0.09506
802.11g_Nss1,(6Mbps)_1TX(Port2)	18.98	0.07907
802.11g_Nss1,(6Mbps)_2TX	20.35	0.10839
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	19.67	0.09268
802.11n HT20_Nss1,(MCS0)_1TX(Port2)	18.90	0.07762
802.11n HT20_Nss1,(MCS0)_2TX	20.31	0.10740
802.11n HT40_Nss1,(MCS0)_1TX(Port1)	19.64	0.09204
802.11n HT40_Nss1,(MCS0)_1TX(Port2)	18.76	0.07516
802.11n HT40_Nss1,(MCS0)_2TX	20.20	0.10471
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	19.50	0.08913
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	18.84	0.07656
802.11ax HEW20_Nss1,(MCS0)_2TX	20.23	0.10544
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	18.51	0.07096
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	18.19	0.06592
802.11ax HEW40_Nss1,(MCS0)_2TX	20.03	0.10069

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	1.20	19.42		19.42	30.00
2417MHz	Pass	1.20	19.45		19.45	30.00
2437MHz	Pass	1.28	19.97		19.97	30.00
2457MHz	Pass	1.42	19.43		19.43	30.00
2462MHz	Pass	1.42	19.46		19.46	30.00
2467MHz	Pass	1.44	10.59		10.59	30.00
2472MHz	Pass	1.44	7.18		7.18	30.00
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	2.16	-	18.70	18.70	30.00
2417MHz	Pass	2.16	-	18.59	18.59	30.00
2437MHz	Pass	2.40	-	19.18	19.18	30.00
2457MHz	Pass	2.47	-	18.63	18.63	30.00
2462MHz	Pass	2.47	-	18.52	18.52	30.00
2467MHz	Pass	2.83	-	9.79	9.79	30.00
2472MHz	Pass	2.83	-	6.34	6.34	30.00
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.16	17.13	16.32	19.75	30.00
2417MHz	Pass	2.16	16.88	16.10	19.52	30.00
2437MHz	Pass	2.40	17.65	16.81	20.26	30.00
2457MHz	Pass	2.47	16.89	16.19	19.56	30.00
2462MHz	Pass	2.47	17.03	16.14	19.62	30.00
2467MHz	Pass	2.83	6.21	5.32	8.80	30.00
2472MHz	Pass	2.83	6.80	5.91	9.39	30.00
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	1.20	17.39		17.39	30.00
2417MHz	Pass	1.20	19.36		19.36	30.00
2437MHz	Pass	1.28	19.78		19.78	30.00
2457MHz	Pass	1.42	18.89		18.89	30.00
2462MHz	Pass	1.42	17.32		17.32	30.00
2467MHz	Pass	1.44	10.31		10.31	30.00
2472MHz	Pass	1.44	3.62		3.62	30.00
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	2.16	-	16.48	16.48	30.00
2417MHz	Pass	2.16	-	18.53	18.53	30.00
2437MHz	Pass	2.40	-	18.98	18.98	30.00
2457MHz	Pass	2.47	-	17.99	17.99	30.00
2462MHz	Pass	2.47	-	16.49	16.49	30.00
2467MHz	Pass	2.83	-	9.66	9.66	30.00
2472MHz	Pass	2.83	-	2.39	2.39	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.16	15.55	14.43	18.04	30.00
2417MHz	Pass	2.16	17.34	16.53	19.96	30.00
2437MHz	Pass	2.40	17.71	16.94	20.35	30.00
2457MHz	Pass	2.47	17.31	16.63	19.99	30.00
2462MHz	Pass	2.47	15.52	14.66	18.12	30.00
2467MHz	Pass	2.83	6.42	5.46	8.98	30.00
2472MHz	Pass	2.83	0.66	-0.45	3.15	30.00
802.11n_HT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	1.20	11.66		11.66	30.00
2417MHz	Pass	1.20	19.28		19.28	30.00
2437MHz	Pass	1.28	19.67		19.67	30.00
2457MHz	Pass	1.42	19.31		19.31	30.00
2462MHz	Pass	1.42	14.56		14.56	30.00
2467MHz	Pass	1.44	10.32		10.32	30.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
2472MHz	Pass	1.44	1.63		1.63	30.00
802.11n HT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	2.16	-	11.58	11.58	30.00
2417MHz	Pass	2.16	-	18.40	18.40	30.00
2437MHz	Pass	2.40	-	18.90	18.90	30.00
2457MHz	Pass	2.47	-	18.59	18.59	30.00
2462MHz	Pass	2.47	-	16.40	16.40	30.00
2467MHz	Pass	2.83	-	9.53	9.53	30.00
2472MHz	Pass	2.83	-	0.72	0.72	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.16	15.36	14.42	17.93	30.00
2417MHz	Pass	2.16	17.22	16.44	19.86	30.00
2437MHz	Pass	2.40	17.65	16.92	20.31	30.00
2457MHz	Pass	2.47	17.17	16.51	19.86	30.00
2462MHz	Pass	2.47	15.38	14.66	18.05	30.00
2467MHz	Pass	2.83	6.36	5.42	8.93	30.00
2472MHz	Pass	2.83	0.83	-0.27	3.33	30.00
802.11n HT40_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
2422MHz	Pass	1.20	8.42		8.42	30.00
2427MHz	Pass	1.28	19.11		19.11	30.00
2437MHz	Pass	1.28	19.64		19.64	30.00
2447MHz	Pass	1.42	18.65		18.65	30.00
2452MHz	Pass	1.42	18.62		18.62	30.00
2457MHz	Pass	1.42	11.63		11.63	30.00
2462MHz	Pass	1.42	4.48		4.48	30.00
802.11n HT40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz	Pass	2.16	-	7.5	7.50	30.00
2427MHz	Pass	2.40	-	18.74	18.74	30.00
2437MHz	Pass	2.40	-	18.76	18.76	30.00
2447MHz	Pass	2.47	-	18.17	18.17	30.00
2452MHz	Pass	2.47	-	17.78	17.78	30.00
2457MHz	Pass	2.47	-	10.66	10.66	30.00
2462MHz	Pass	2.47	-	4.10	4.10	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.16	5.26	4.00	7.69	30.00
2427MHz	Pass	2.40	17.58	16.67	20.16	30.00
2437MHz	Pass	2.40	17.60	16.72	20.19	30.00
2447MHz	Pass	2.47	17.61	16.63	20.16	30.00
2452MHz	Pass	2.47	17.54	16.80	20.20	30.00
2457MHz	Pass	2.47	7.93	7.09	10.54	30.00
2462MHz	Pass	2.47	3.25	1.78	5.59	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	1.20	11.26		11.26	30.00
2417MHz	Pass	1.20	17.17		17.17	30.00
2437MHz	Pass	1.28	19.50		19.50	30.00
2457MHz	Pass	1.42	17.59		17.59	30.00
2462MHz	Pass	1.42	14.46		14.46	30.00
2467MHz	Pass	1.44	10.43		10.43	30.00
2472MHz	Pass	1.44	1.39		1.39	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	2.16	-	10.55	10.55	30.00
2417MHz	Pass	2.16	-	17.85	17.85	30.00
2437MHz	Pass	2.40	-	18.84	18.84	30.00
2457MHz	Pass	2.47	-	17.52	17.52	30.00
2462MHz	Pass	2.47	-	13.59	13.59	30.00
2467MHz	Pass	2.83	-	9.71	9.71	30.00



Average Power_Full RU

Appendix C.1

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
2472MHz	Pass	2.83	-	0.99	0.99	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.16	14.37	13.38	16.91	30.00
2417MHz	Pass	2.16	17.23	16.47	19.88	30.00
2437MHz	Pass	2.40	17.54	16.87	20.23	30.00
2457MHz	Pass	2.47	17.21	16.43	19.85	30.00
2462MHz	Pass	2.47	14.44	13.75	17.12	30.00
2467MHz	Pass	2.83	4.25	3.71	7.00	30.00
2472MHz	Pass	2.83	-1.87	-2.30	0.93	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
2422MHz	Pass	1.20	8.62		8.62	30.00
2427MHz	Pass	1.28	18.00		18.00	30.00
2437MHz	Pass	1.28	18.51		18.51	30.00
2447MHz	Pass	1.42	18.03		18.03	30.00
2452MHz	Pass	1.42	17.94		17.94	30.00
2457MHz	Pass	1.42	17.99		17.99	30.00
2462MHz	Pass	1.42	4.62		4.62	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz	Pass	2.16	-	7.57	7.57	30.00
2427MHz	Pass	2.40	-	17.57	17.57	30.00
2437MHz	Pass	2.40	-	18.19	18.19	30.00
2447MHz	Pass	2.47	-	17.56	17.56	30.00
2452MHz	Pass	2.47	-	16.59	16.59	30.00
2457MHz	Pass	2.47	-	10.66	10.66	30.00
2462MHz	Pass	2.47	-	4.01	4.01	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.16	5.49	4.20	7.90	30.00
2427MHz	Pass	2.40	17.02	16.01	19.55	30.00
2437MHz	Pass	2.40	17.39	16.62	20.03	30.00
2447MHz	Pass	2.47	17.03	15.97	19.54	30.00
2452MHz	Pass	2.47	16.97	16.21	19.62	30.00
2457MHz	Pass	2.47	4.78	3.96	7.40	30.00
2462MHz	Pass	2.47	3.63	2.23	6.00	30.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_2TX	16.33	0.04295
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 4_2TX	16.79	0.04775
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_2TX	16.50	0.04467
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_2TX	17.40	0.05495
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_2TX	17.59	0.05741
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_2TX	18.15	0.06531
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_2TX	18.58	0.07211
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 61_2TX	20.23	0.10544
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 62_2TX	20.31	0.10740

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_2TX	-	-	-	-	-	-
2412MHz	Pass	2.16	13.55	12.99	16.29	30.00
2417MHz	Pass	2.16	13.61	13.00	16.33	30.00
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 4_2TX	-	-	-	-	-	-
2437MHz	Pass	2.40	14.23	13.28	16.79	30.00
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_2TX	-	-	-	-	-	-
2457MHz	Pass	2.47	13.89	13.03	16.49	30.00
2462MHz	Pass	2.47	13.69	13.29	16.50	30.00
2467MHz	Pass	2.83	11.90	11.39	14.66	30.00
2472MHz	Pass	2.83	-8.45	-10.35	-6.29	30.00
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_2TX	-	-	-	-	-	-
2412MHz	Pass	2.16	14.54	13.96	17.27	30.00
2417MHz	Pass	2.16	14.74	14.00	17.40	30.00
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_2TX	-	-	-	-	-	-
2437MHz	Pass	2.40	14.91	14.22	17.59	30.00
2457MHz	Pass	2.47	14.64	13.67	17.19	30.00
2462MHz	Pass	2.47	14.52	13.89	17.23	30.00
2467MHz	Pass	2.83	11.77	11.12	14.47	30.00
2472MHz	Pass	2.83	-8.02	-9.78	-5.80	30.00
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_2TX	-	-	-	-	-	-
2412MHz	Pass	2.16	14.45	13.75	17.12	30.00
2417MHz	Pass	2.16	15.56	14.67	18.15	30.00
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_2TX	-	-	-	-	-	-
2437MHz	Pass	2.40	15.94	15.16	18.58	30.00
2457MHz	Pass	2.47	15.63	14.81	18.25	30.00
2462MHz	Pass	2.47	15.63	14.87	18.28	30.00
2467MHz	Pass	2.83	11.81	11.24	14.54	30.00
2472MHz	Pass	2.83	-4.46	-6.06	-2.18	30.00
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 61_2TX	-	-	-	-	-	-
2422MHz	Pass	2.16	14.97	14.94	17.97	30.00
2427MHz	Pass	2.40	17.68	16.70	20.23	30.00
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 62_2TX	-	-	-	-	-	-
2437MHz	Pass	2.40	17.73	16.82	20.31	30.00
2447MHz	Pass	2.47	17.84	16.69	20.31	30.00
2452MHz	Pass	2.47	15.45	14.52	18.02	30.00
2457MHz	Pass	2.47	14.53	13.65	17.12	30.00
2462MHz	Pass	2.47	0.82	-0.80	3.10	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	-3.11
802.11b_Nss1,(1Mbps)_1TX(Port2)	-2.89
802.11b_Nss1,(1Mbps)_2TX	-2.62
802.11g_Nss1,(6Mbps)_1TX(Port1)	-7.10
802.11g_Nss1,(6Mbps)_1TX(Port2)	-7.28
802.11g_Nss1,(6Mbps)_2TX	-7.05
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	-6.35
802.11n HT20_Nss1,(MCS0)_1TX(Port2)	-7.10
802.11n HT20_Nss1,(MCS0)_2TX	-5.59
802.11n HT40_Nss1,(MCS0)_1TX(Port1)	-9.01
802.11n HT40_Nss1,(MCS0)_1TX(Port2)	-6.45
802.11n HT40_Nss1,(MCS0)_2TX	-9.34
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	-7.79
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-8.33
802.11ax HEW20_Nss1,(MCS0)_2TX	-6.86
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	-9.98
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-10.48
802.11ax HEW40_Nss1,(MCS0)_2TX	-9.87

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	1.20	-3.11		-3.11	8.00
2437MHz	Pass	1.28	-4.00		-4.00	8.00
2462MHz	Pass	1.42	-7.78		-7.78	8.00
2467MHz	Pass	1.44	-15.13		-15.13	8.00
2472MHz	Pass	1.44	-16.56		-16.56	8.00
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	2.16	-	-6.54	-6.54	8.00
2437MHz	Pass	2.40	-	-2.89	-2.89	8.00
2462MHz	Pass	2.47	-	-5.56	-5.56	8.00
2467MHz	Pass	2.83	-	-17.62	-17.62	8.00
2472MHz	Pass	2.83	-	-17.36	-17.36	8.00
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.70	-10.22	-8.51	-6.62	8.00
2437MHz	Pass	4.87	-4.90	-6.52	-2.62	8.00
2462MHz	Pass	4.97	-8.04	-8.83	-5.43	8.00
2467MHz	Pass	5.17	-19.98	-19.15	-17.33	8.00
2472MHz	Pass	5.17	-19.34	-16.78	-15.50	8.00
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	1.20	-9.34		-9.34	8.00
2437MHz	Pass	1.28	-7.10		-7.10	8.00
2462MHz	Pass	1.42	-10.10		-10.10	8.00
2467MHz	Pass	1.44	-17.64		-17.64	8.00
2472MHz	Pass	1.44	-24.06		-24.06	8.00
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	2.16	-	-9.96	-9.96	8.00
2437MHz	Pass	2.40	-	-7.28	-7.28	8.00
2462MHz	Pass	2.47	-	-10.69	-10.69	8.00
2467MHz	Pass	2.83	-	-17.56	-17.56	8.00
2472MHz	Pass	2.83	-	-24.81	-24.81	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.70	-11.53	-13.32	-10.10	8.00
2437MHz	Pass	4.87	-8.30	-10.39	-7.05	8.00
2462MHz	Pass	4.97	-11.54	-12.08	-9.35	8.00
2467MHz	Pass	5.17	-20.06	-21.61	-18.76	8.00
2472MHz	Pass	5.17	-26.77	-27.94	-25.24	8.00
802.11n_HT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	1.20	-13.78		-13.78	8.00
2437MHz	Pass	1.28	-6.35		-6.35	8.00
2462MHz	Pass	1.42	-10.91		-10.91	8.00
2467MHz	Pass	1.44	-15.46		-15.46	8.00
2472MHz	Pass	1.44	-24.49		-24.49	8.00
802.11n_HT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	2.16	-	-14.46	-14.46	8.00
2437MHz	Pass	2.40	-	-7.10	-7.10	8.00
2462MHz	Pass	2.47	-	-9.01	-9.01	8.00
2467MHz	Pass	2.83	-	-16.19	-16.19	8.00
2472MHz	Pass	2.83	-	-25.25	-25.25	8.00
802.11n_HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.70	-10.79	-10.73	-8.71	8.00
2437MHz	Pass	4.87	-8.00	-9.15	-5.59	8.00
2462MHz	Pass	4.97	-10.42	-11.71	-8.35	8.00
2467MHz	Pass	5.17	-19.74	-21.12	-18.22	8.00
2472MHz	Pass	5.17	-25.84	-26.51	-24.20	8.00
802.11n_HT40_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
2422MHz	Pass	1.20	-20.31		-20.31	8.00
2437MHz	Pass	1.28	-9.01		-9.01	8.00
2452MHz	Pass	1.42	-11.17		-11.17	8.00
2457MHz	Pass	1.42	-16.91		-16.91	8.00
2462MHz	Pass	1.42	-24.23		-24.23	8.00
802.11n HT40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz	Pass	2.16	-	-21.85	-21.85	8.00
2437MHz	Pass	2.40	-	-6.45	-6.45	8.00
2452MHz	Pass	2.47	-	-11.84	-11.84	8.00
2457MHz	Pass	2.47	-	-17.94	-17.94	8.00
2462MHz	Pass	2.47	-	-24.90	-24.90	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.70	-23.62	-24.79	-22.02	8.00
2437MHz	Pass	4.87	-11.70	-13.02	-9.70	8.00
2452MHz	Pass	4.97	-11.43	-11.85	-9.34	8.00
2457MHz	Pass	4.97	-21.56	-22.19	-19.48	8.00
2462MHz	Pass	4.97	-25.76	-27.08	-23.91	8.00
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	1.20	-16.34		-16.34	8.00
2437MHz	Pass	1.28	-7.79		-7.79	8.00
2462MHz	Pass	1.42	-14.05		-14.05	8.00
2467MHz	Pass	1.44	-17.18		-17.18	8.00
2472MHz	Pass	1.44	-25.47		-25.47	8.00
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	2.16	-	-17.60	-17.60	8.00
2437MHz	Pass	2.40	-	-8.33	-8.33	8.00
2462MHz	Pass	2.47	-	-14.31	-14.31	8.00
2467MHz	Pass	2.83	-	-17.88	-17.88	8.00
2472MHz	Pass	2.83	-	-24.91	-24.91	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.70	-12.77	-12.95	-10.88	8.00
2437MHz	Pass	4.87	-9.07	-10.25	-6.86	8.00
2462MHz	Pass	4.97	-12.73	-13.50	-10.83	8.00
2467MHz	Pass	5.17	-21.44	-23.01	-20.62	8.00
2472MHz	Pass	5.17	-28.93	-29.40	-27.02	8.00
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
2422MHz	Pass	1.20	-20.46		-20.46	8.00
2437MHz	Pass	1.28	-9.98		-9.98	8.00
2452MHz	Pass	1.42	-11.83		-11.83	8.00
2457MHz	Pass	1.42	-11.67		-11.67	8.00
2462MHz	Pass	1.42	-24.84		-24.84	8.00
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz	Pass	2.16	-	-22.66	-22.66	8.00
2437MHz	Pass	2.40	-	-10.48	-10.48	8.00
2452MHz	Pass	2.47	-	-13.10	-13.10	8.00
2457MHz	Pass	2.47	-	-18.45	-18.45	8.00
2462MHz	Pass	2.47	-	-25.87	-25.87	8.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.70	-24.12	-25.29	-22.56	8.00
2437MHz	Pass	4.87	-11.23	-12.43	-9.87	8.00
2452MHz	Pass	4.97	-11.66	-13.13	-10.28	8.00
2457MHz	Pass	4.97	-24.62	-26.14	-22.84	8.00
2462MHz	Pass	4.97	-26.12	-26.90	-24.13	8.00

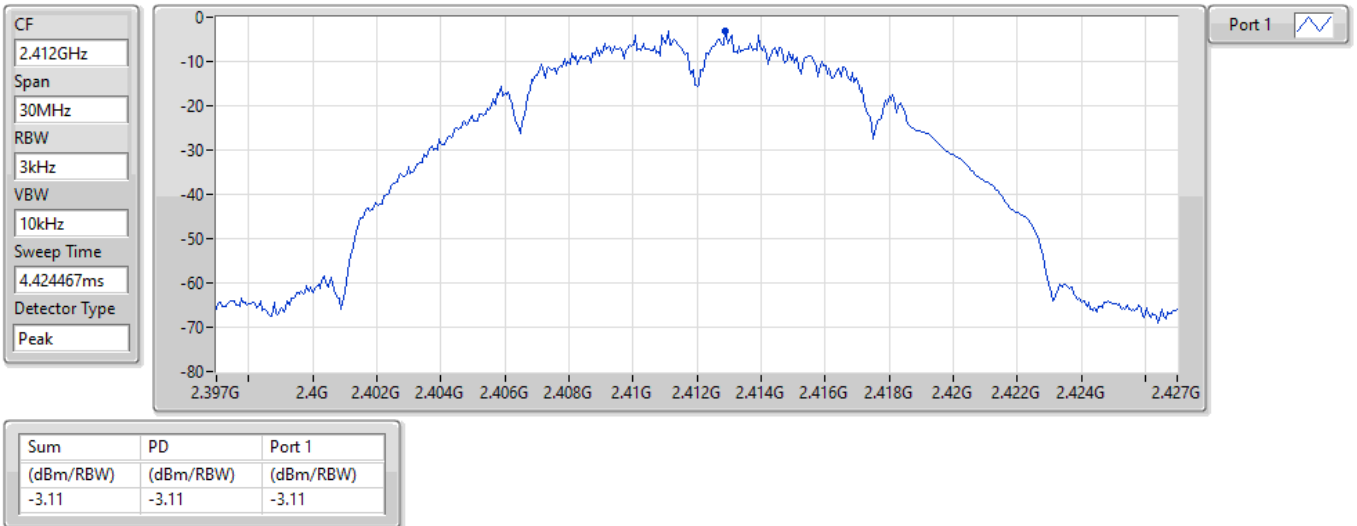
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11b_Nss1,(1Mbps)_1TX(Port1)

PSD

2412MHz

24/02/2022



802.11b_Nss1,(1Mbps)_1TX(Port1)

PSD

2437MHz

24/02/2022

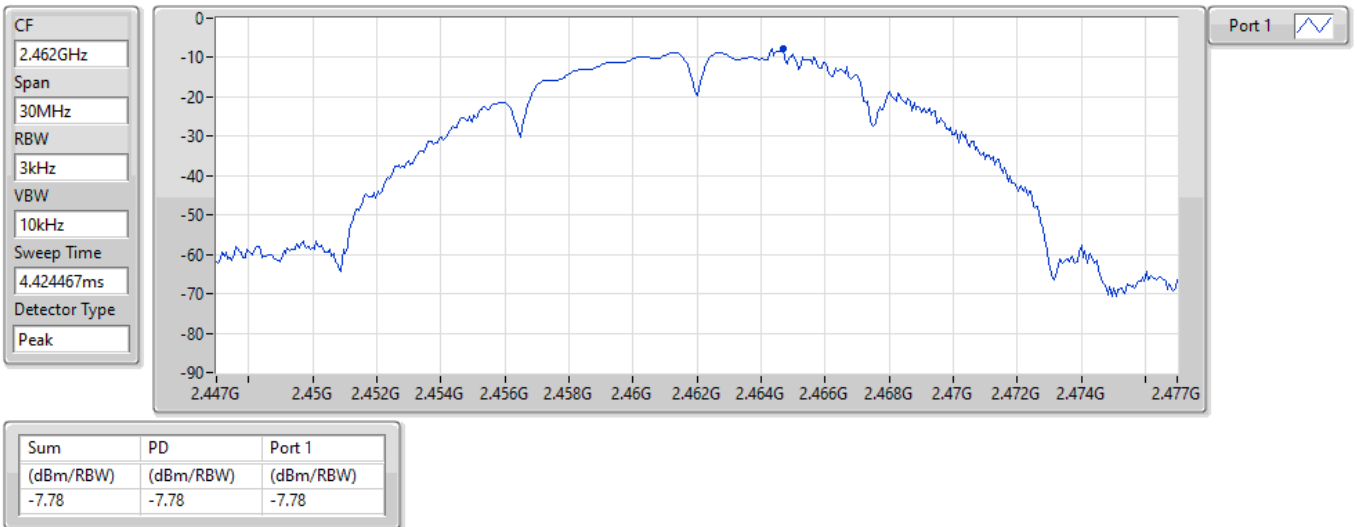


802.11b_Nss1,(1Mbps)_1TX(Port1)

PSD

2462MHz

24/02/2022

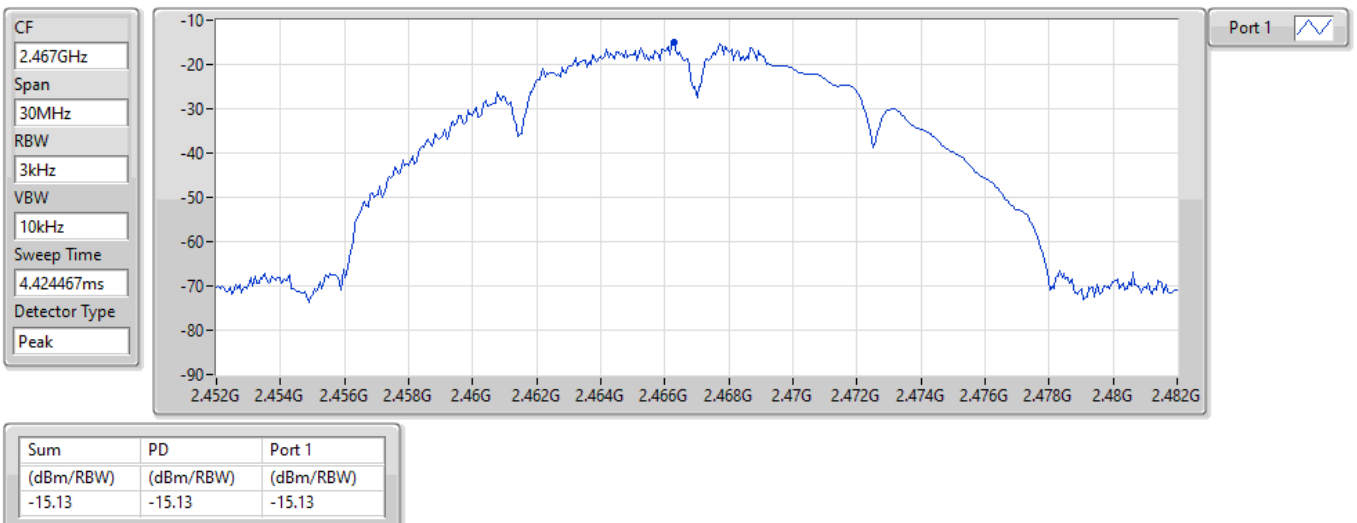


802.11b_Nss1,(1Mbps)_1TX(Port1)

PSD

2467MHz

24/02/2022



802.11b_Nss1,(1Mbps)_1TX(Port1)

PSD

2472MHz

24/02/2022

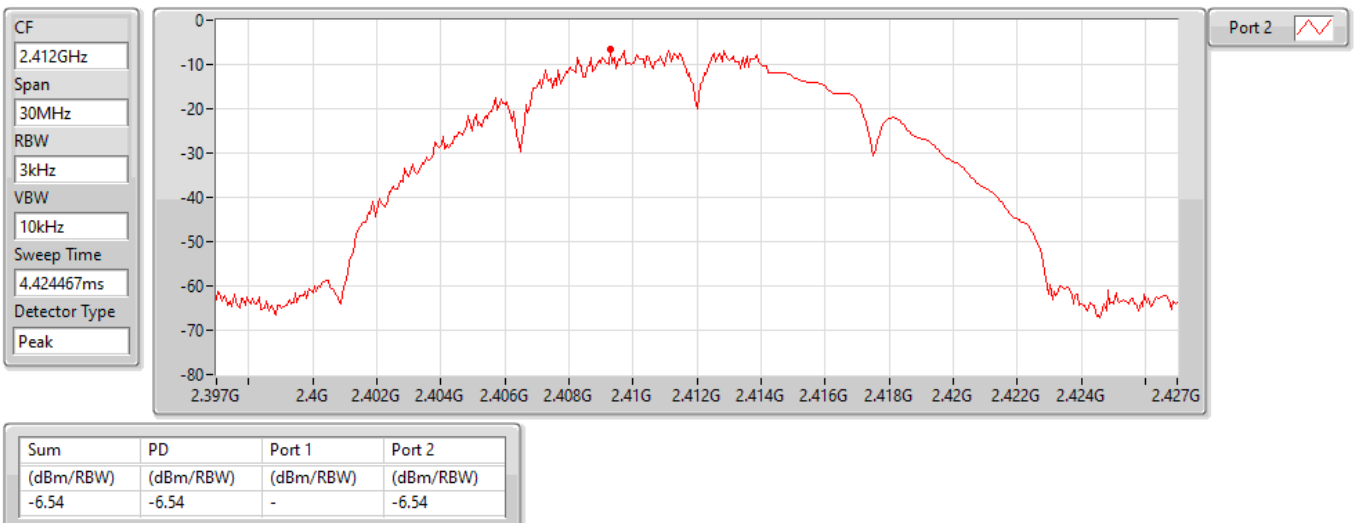


802.11b_Nss1,(1Mbps)_1TX(Port2)

PSD

2412MHz

24/02/2022

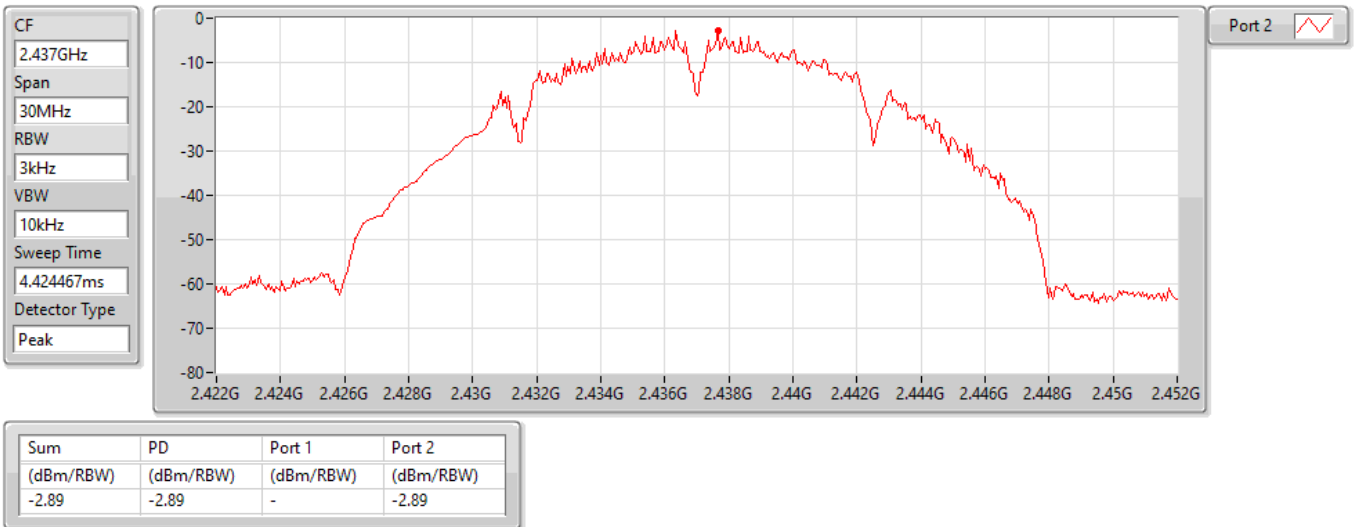


802.11b_Nss1,(1Mbps)_1TX(Port2)

PSD

2437MHz

24/02/2022

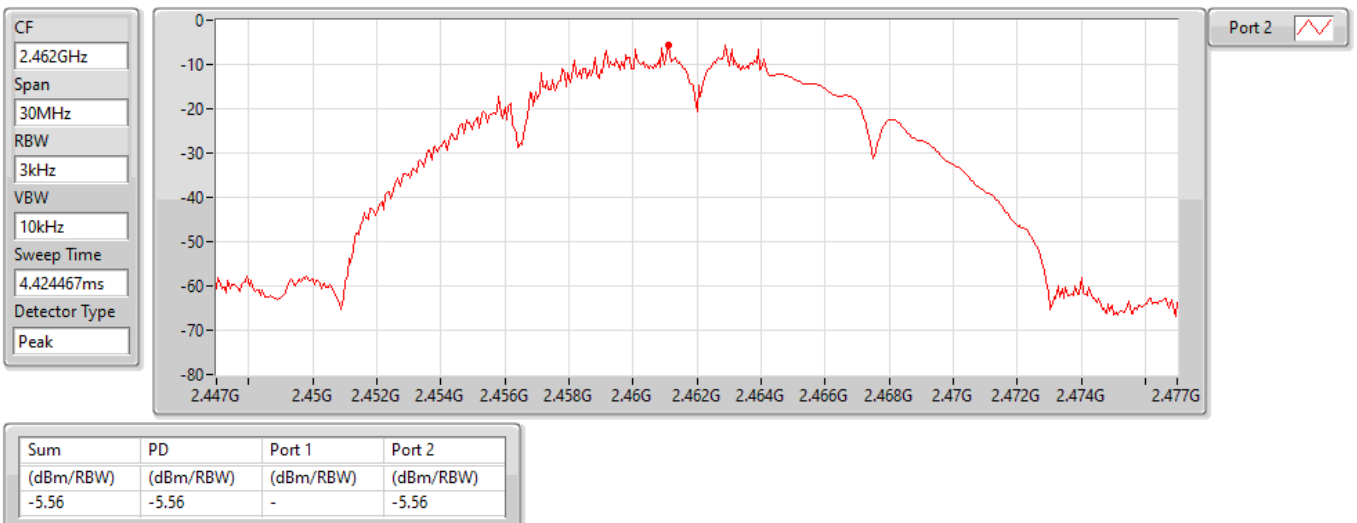


802.11b_Nss1,(1Mbps)_1TX(Port2)

PSD

2462MHz

24/02/2022

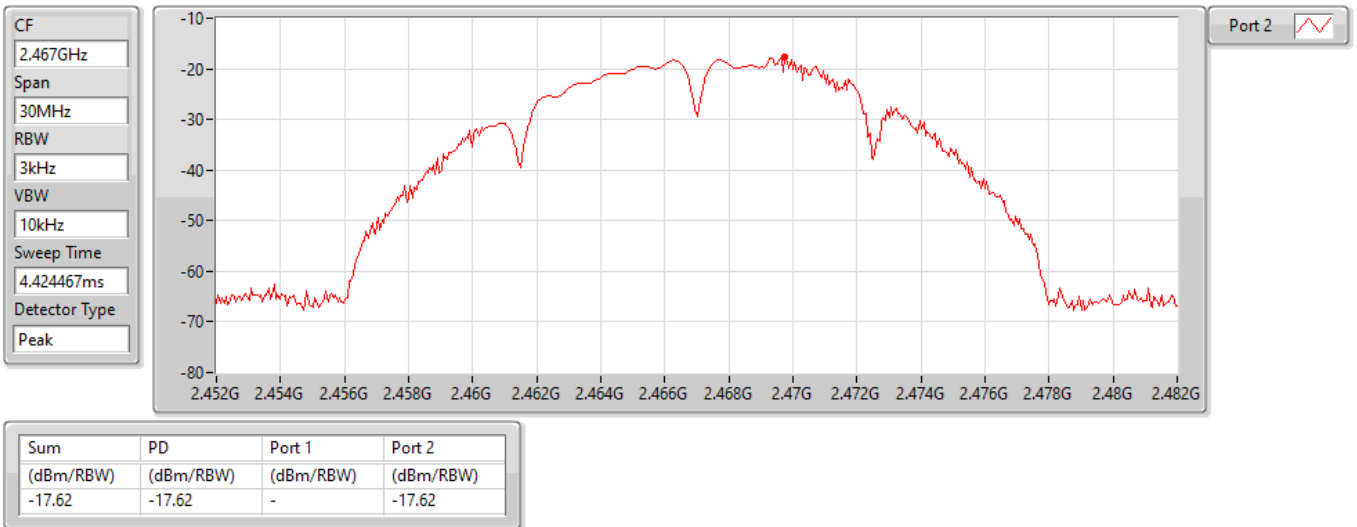


802.11b_Nss1,(1Mbps)_1TX(Port2)

PSD

2467MHz

24/02/2022

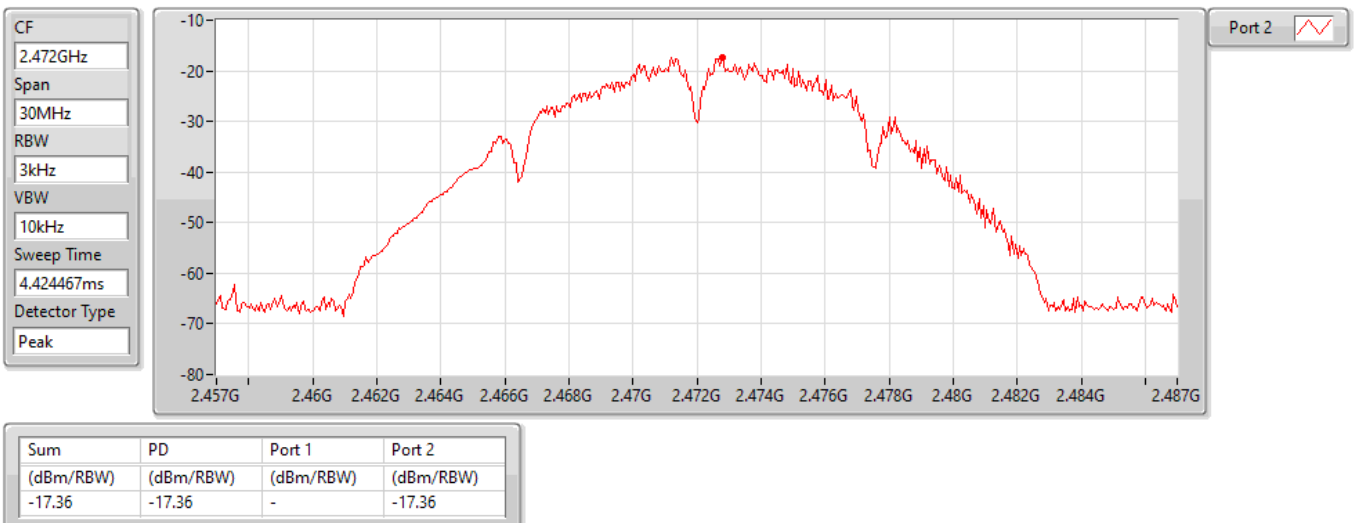


802.11b_Nss1,(1Mbps)_1TX(Port2)

PSD

2472MHz

24/02/2022

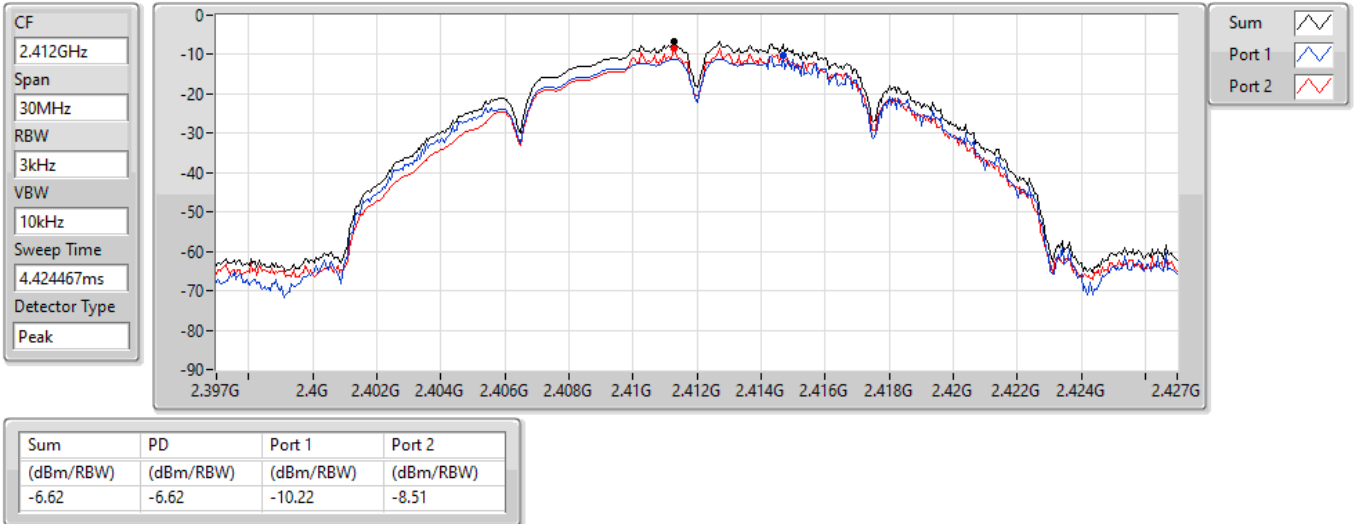


802.11b_Nss1,(1Mbps)_2TX

2412MHz

PSD

24/02/2022

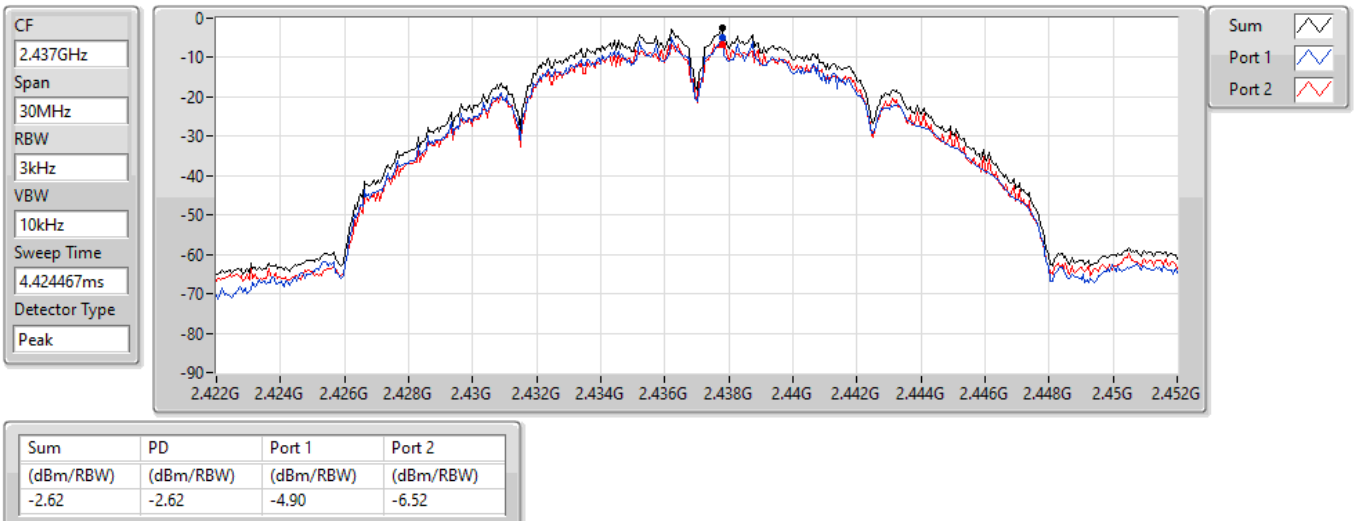


802.11b_Nss1,(1Mbps)_2TX

2437MHz

PSD

24/02/2022

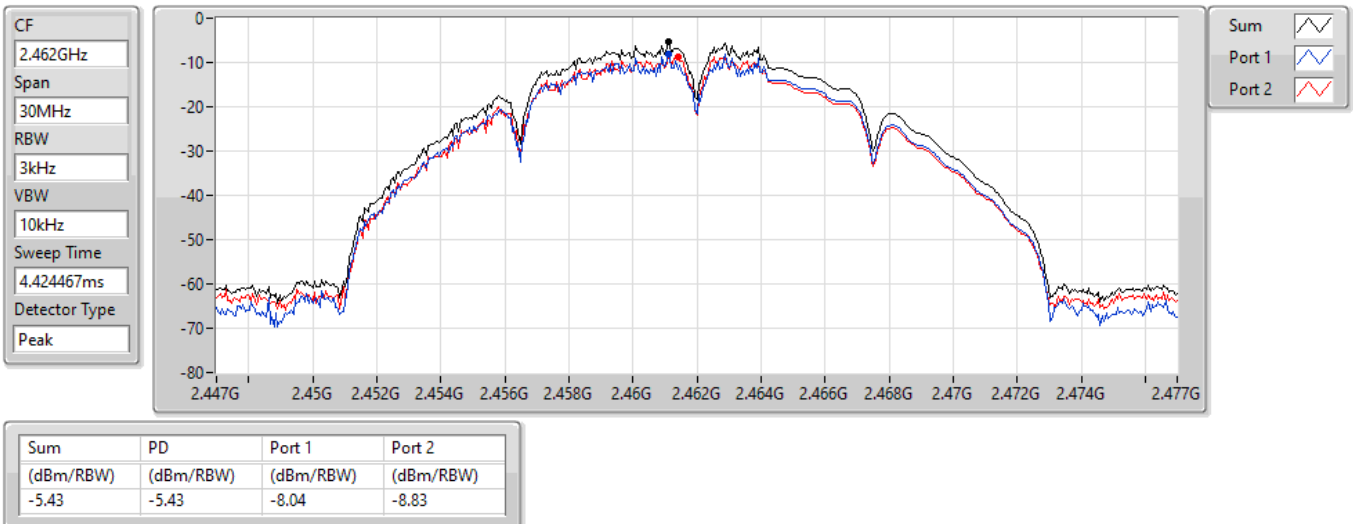


802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

24/02/2022

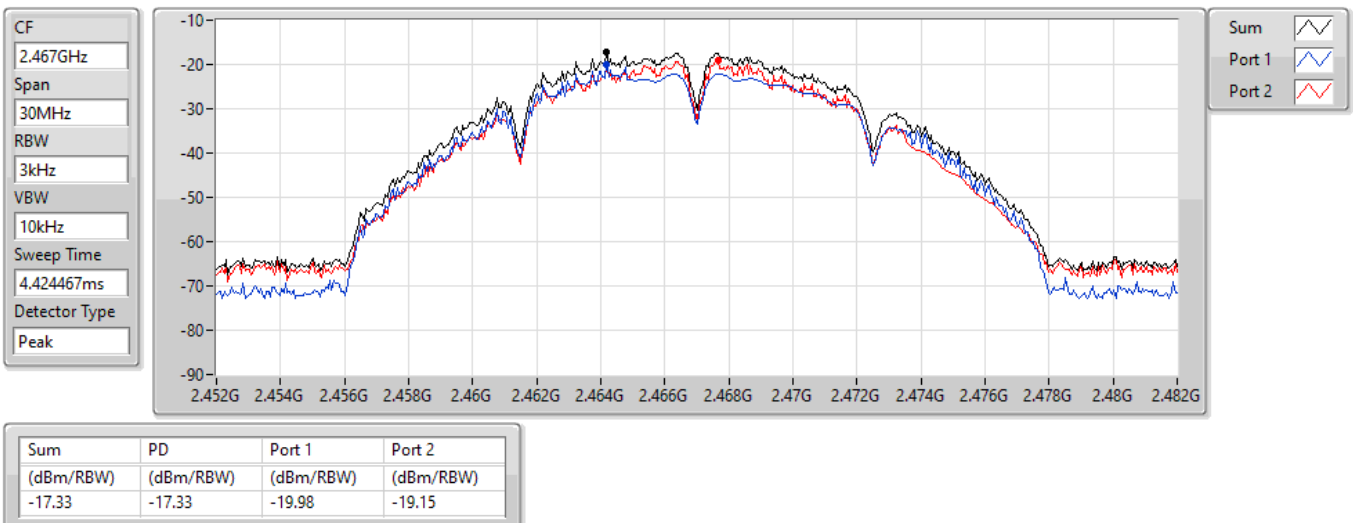


802.11b_Nss1,(1Mbps)_2TX

PSD

2467MHz

24/02/2022

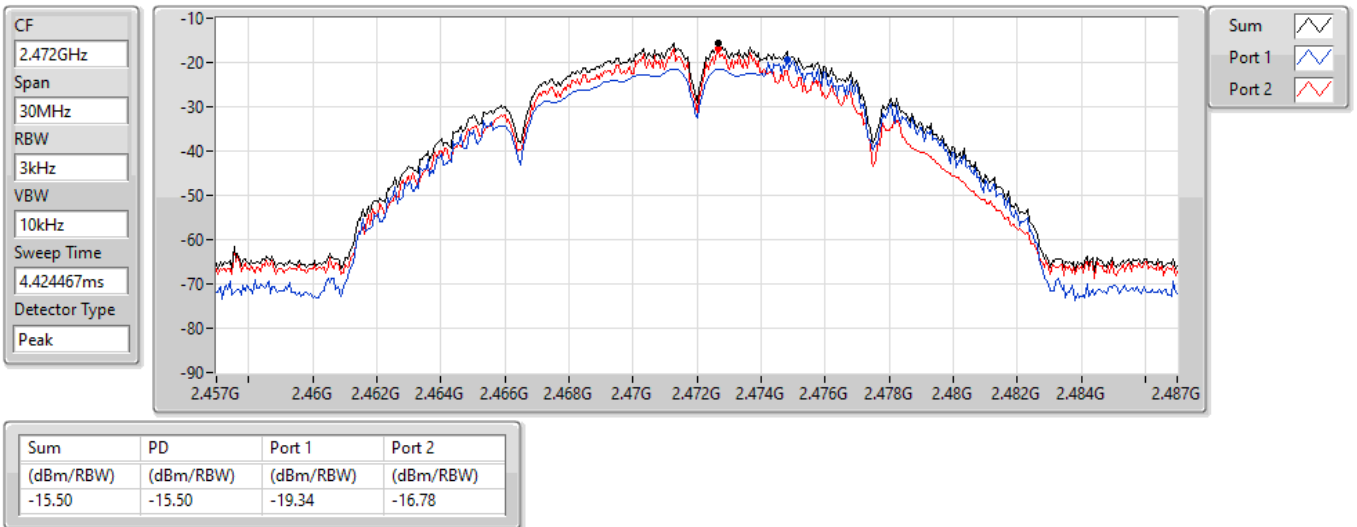


802.11b_Nss1,(1Mbps)_2TX

PSD

2472MHz

24/02/2022

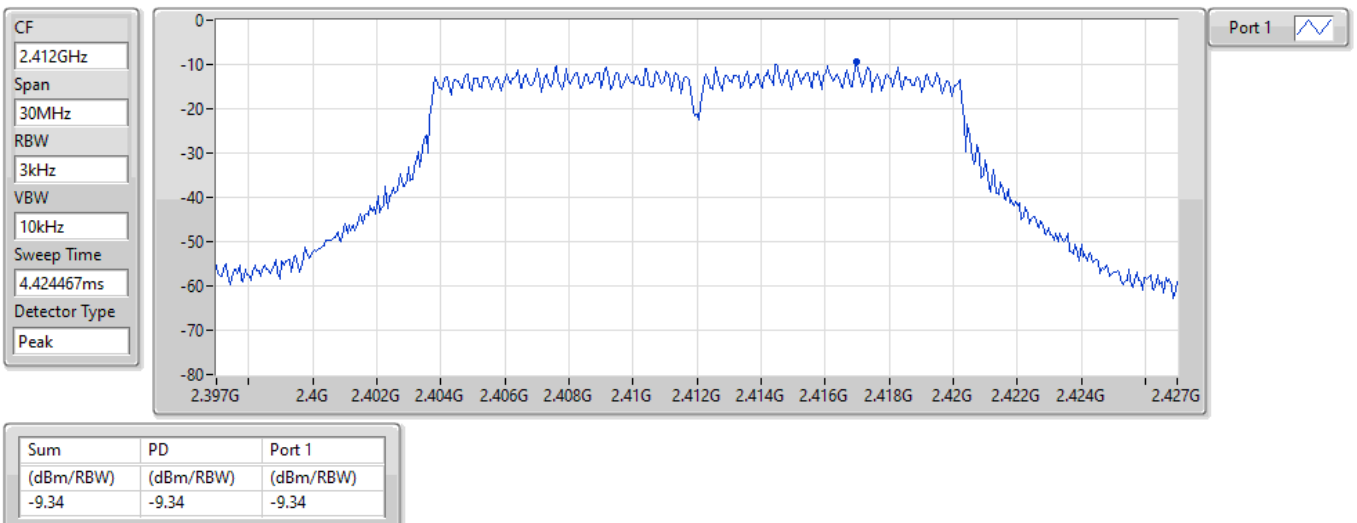


802.11g_Nss1,(6Mbps)_1TX(Port1)

PSD

2412MHz

24/02/2022

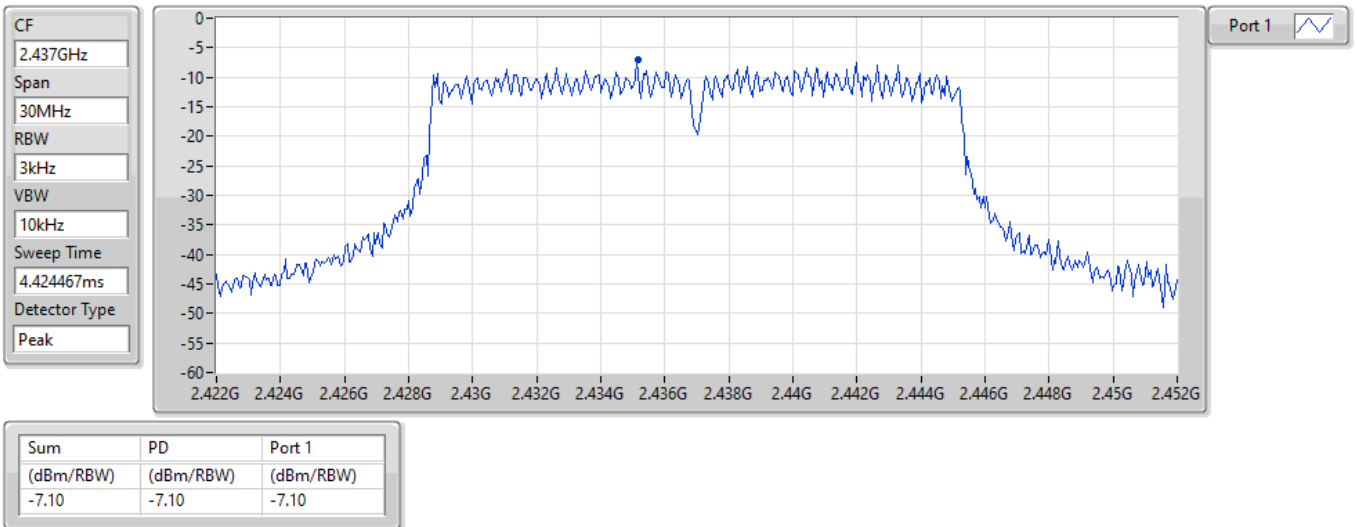


802.11g_Nss1,(6Mbps)_1TX(Port1)

PSD

2437MHz

24/02/2022

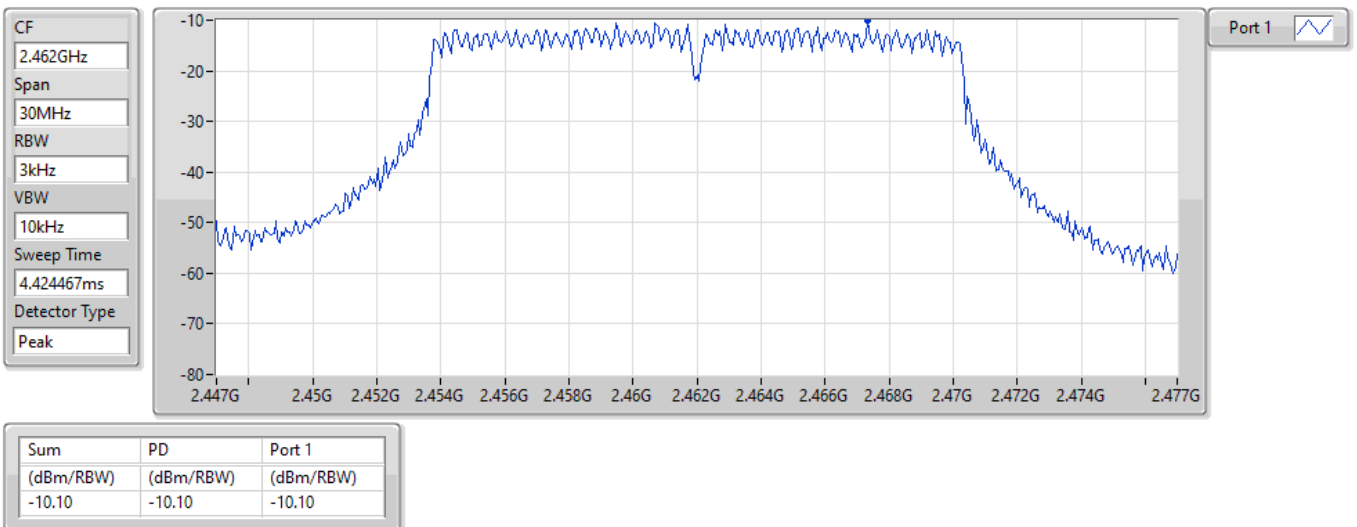


802.11g_Nss1,(6Mbps)_1TX(Port1)

PSD

2462MHz

24/02/2022

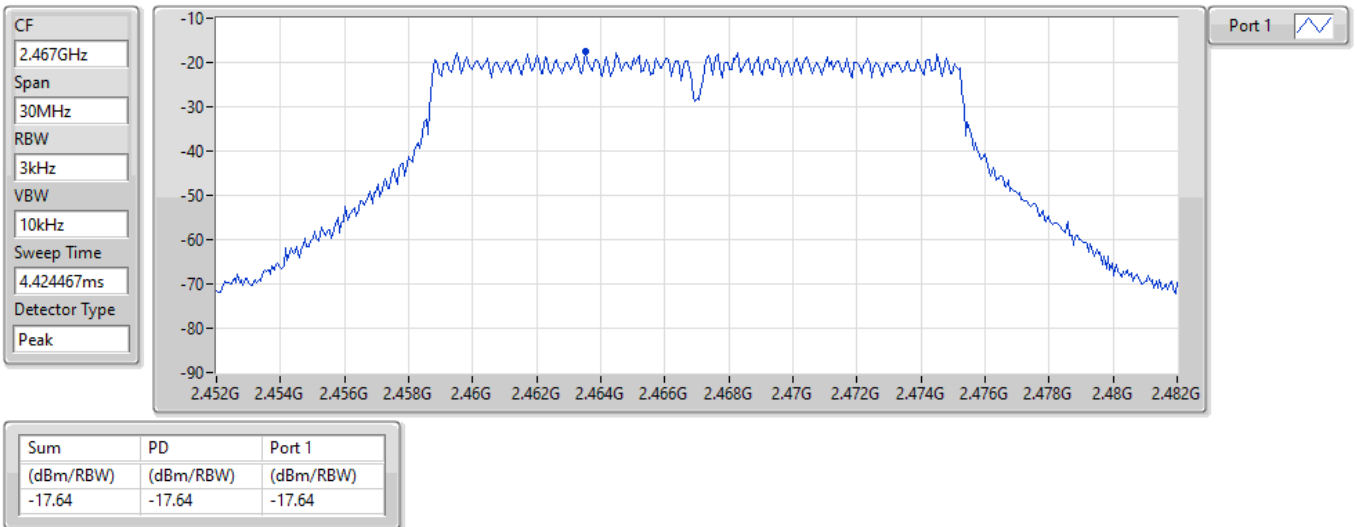


802.11g_Nss1,(6Mbps)_1TX(Port1)

PSD

2467MHz

24/02/2022

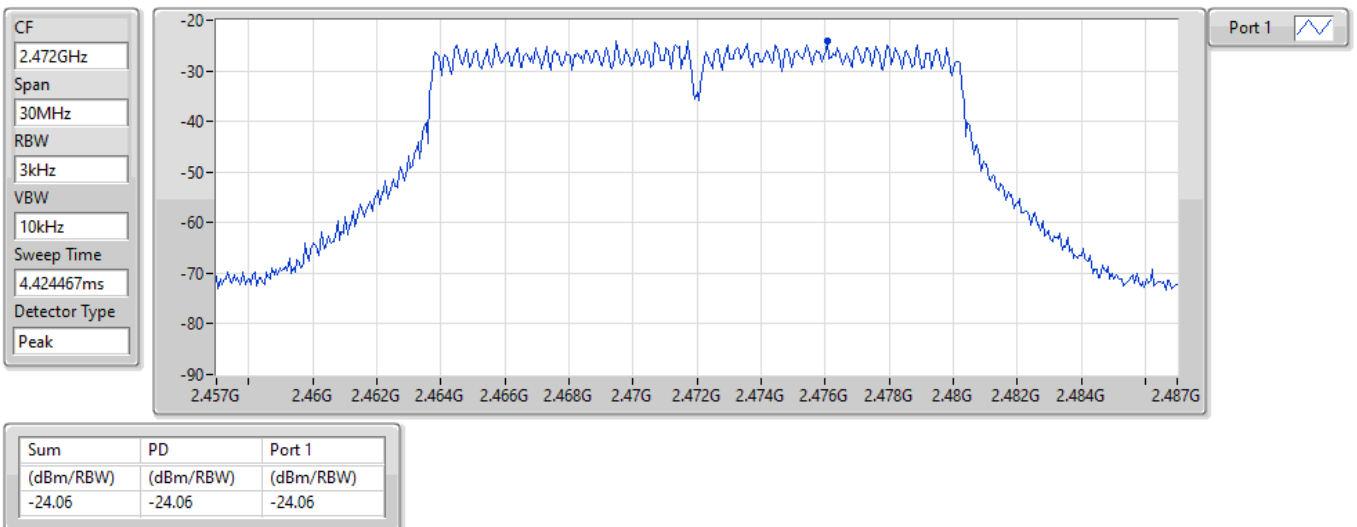


802.11g_Nss1,(6Mbps)_1TX(Port1)

PSD

2472MHz

24/02/2022

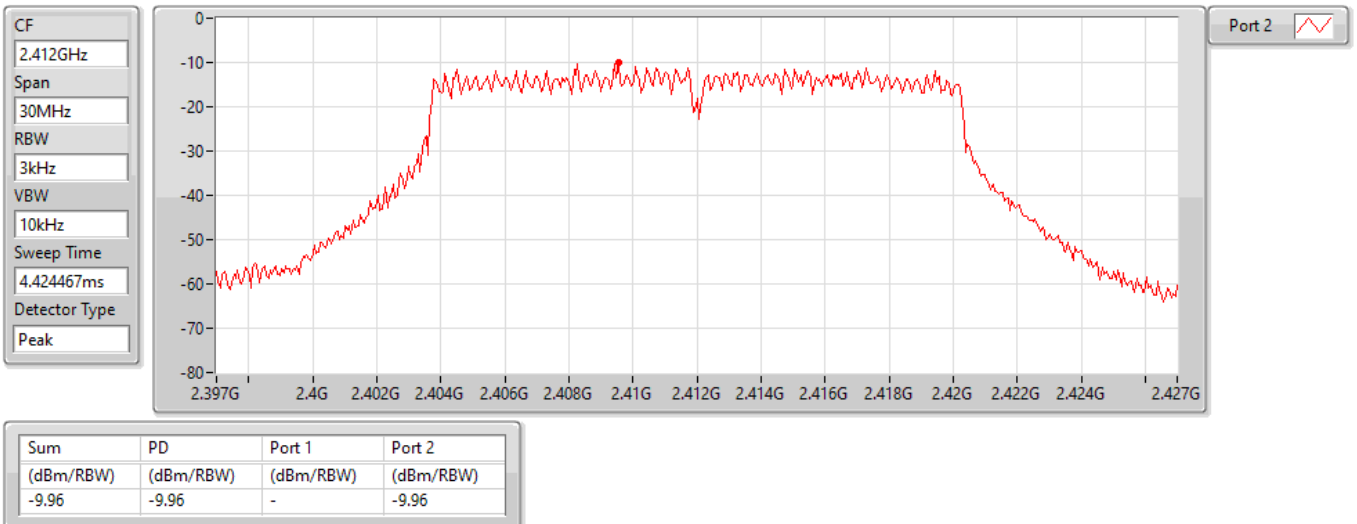


802.11g_Nss1,(6Mbps)_1TX(Port2)

PSD

2412MHz

24/02/2022

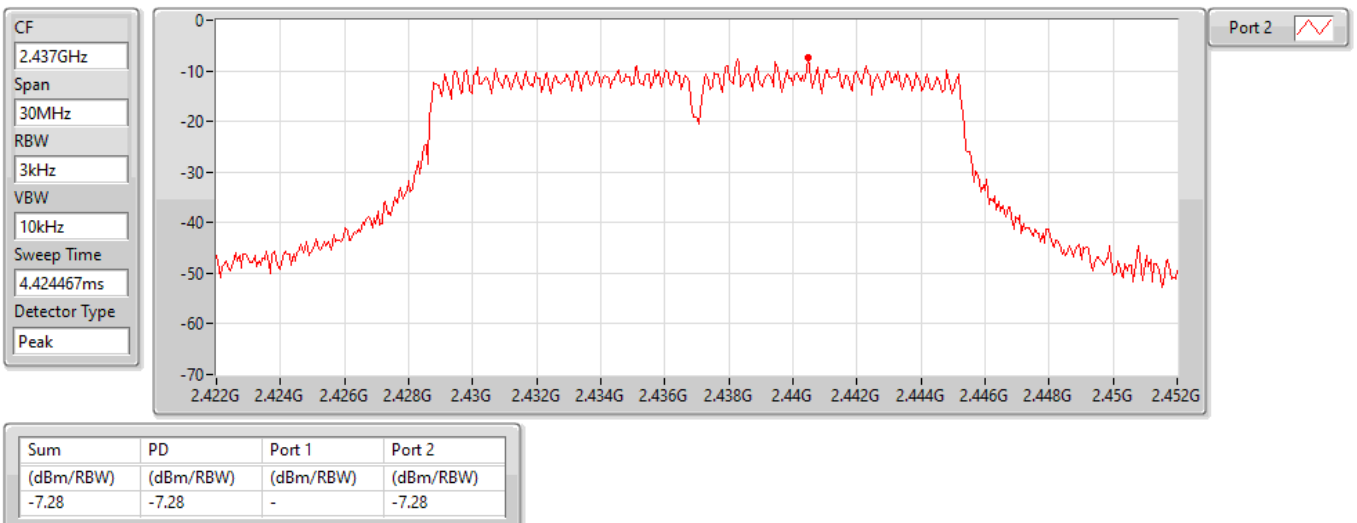


802.11g_Nss1,(6Mbps)_1TX(Port2)

PSD

2437MHz

24/02/2022

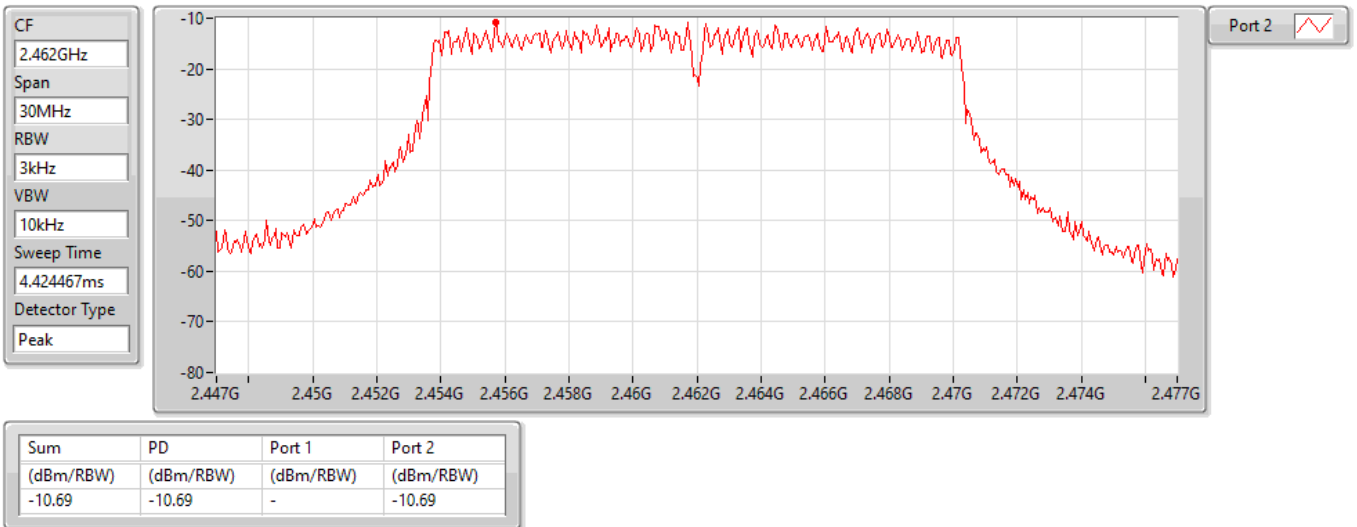


802.11g_Nss1,(6Mbps)_1TX(Port2)

PSD

2462MHz

24/02/2022

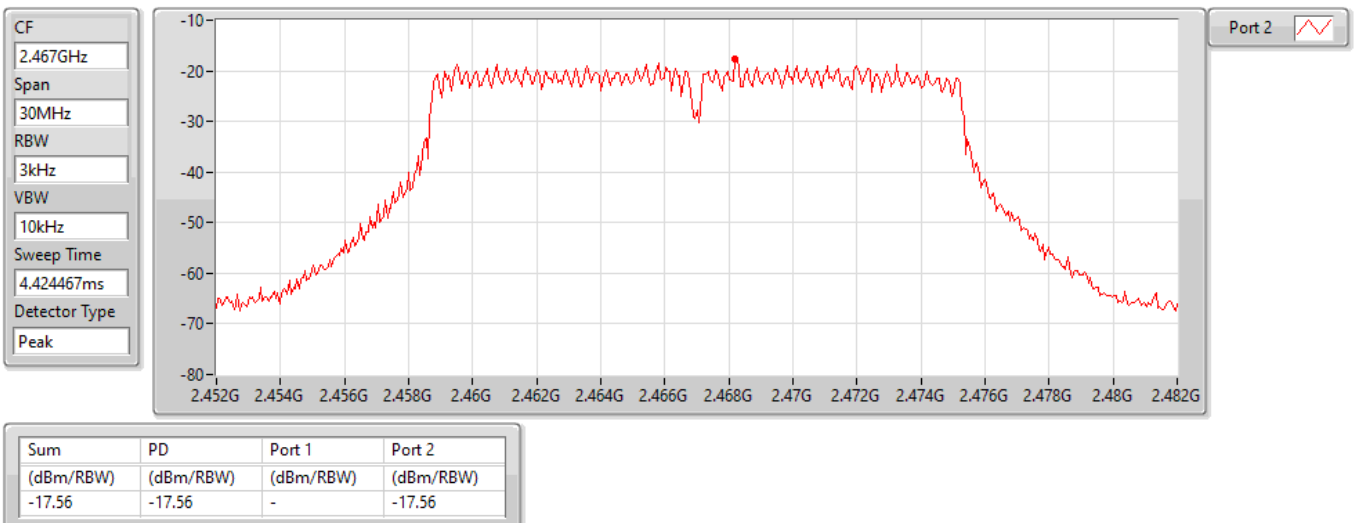


802.11g_Nss1,(6Mbps)_1TX(Port2)

PSD

2467MHz

24/02/2022

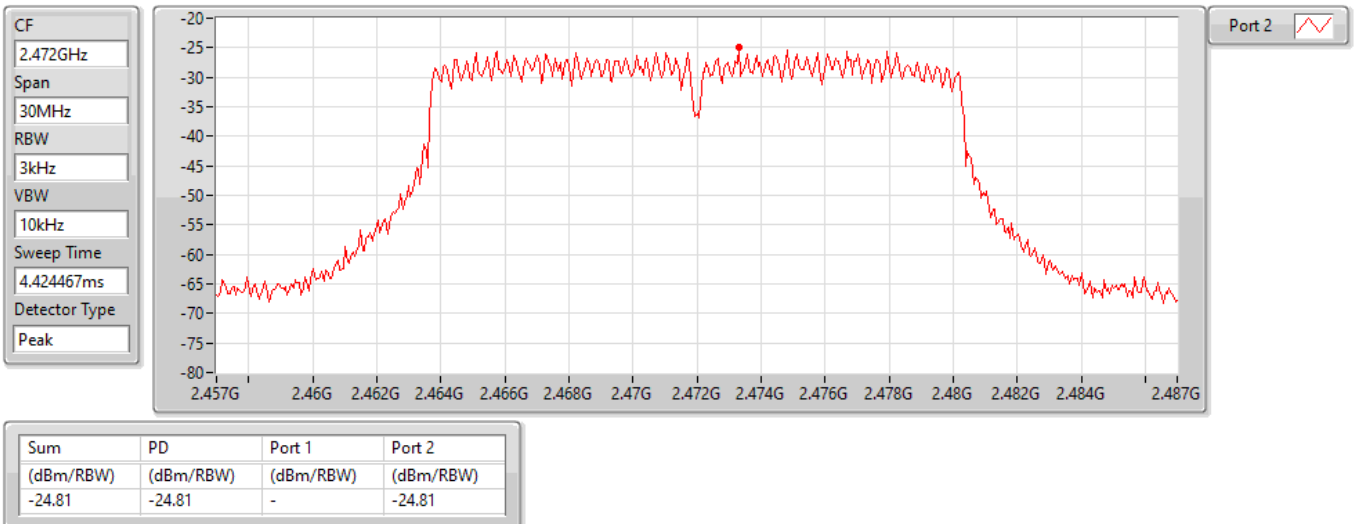


802.11g_Nss1,(6Mbps)_1TX(Port2)

PSD

2472MHz

24/02/2022

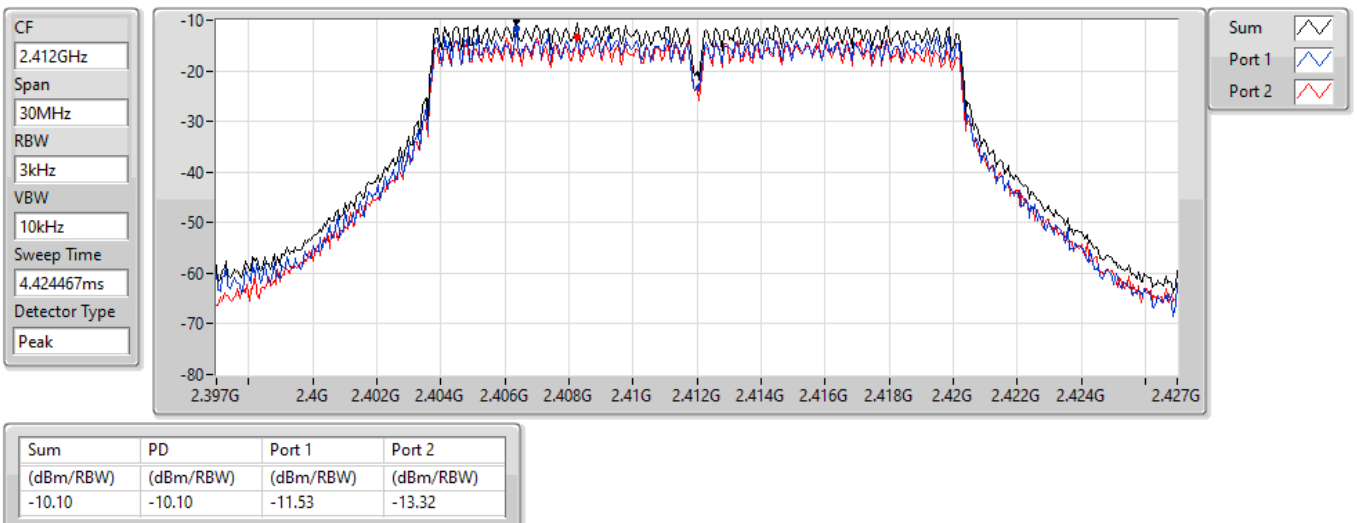


802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

24/02/2022

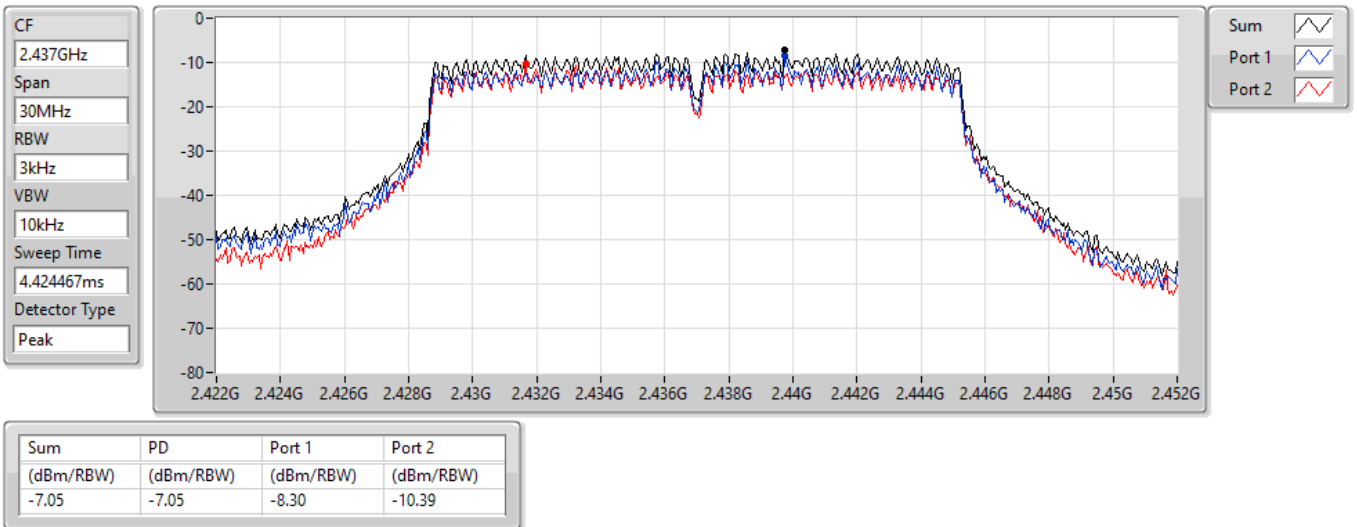


802.11g_Nss1,(6Mbps)_2TX

2437MHz

PSD

24/02/2022

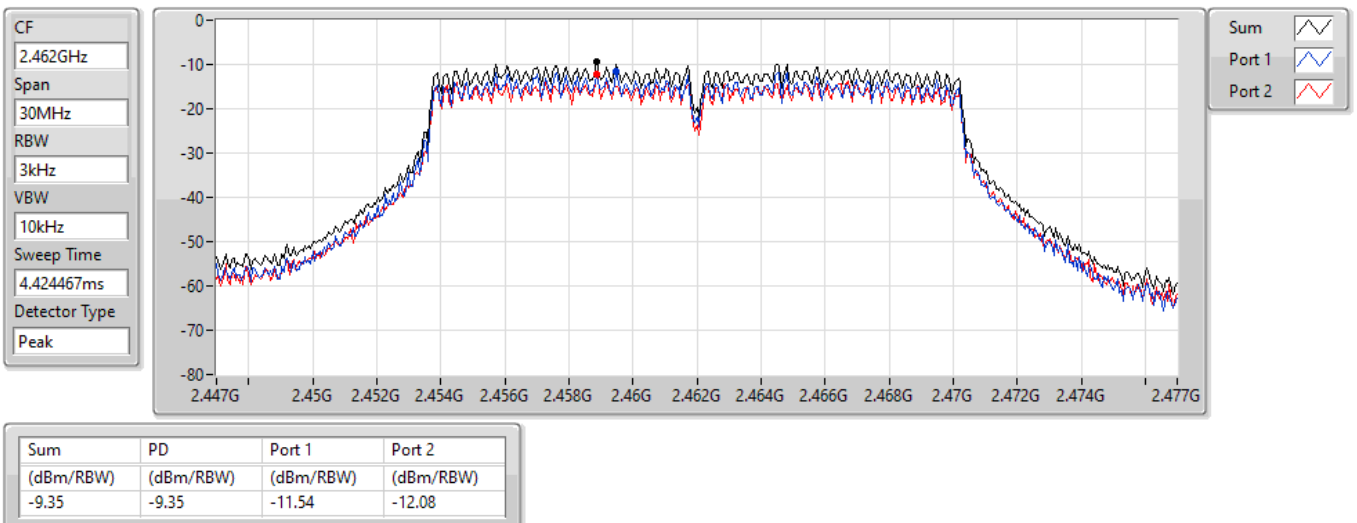


802.11g_Nss1,(6Mbps)_2TX

2462MHz

PSD

24/02/2022

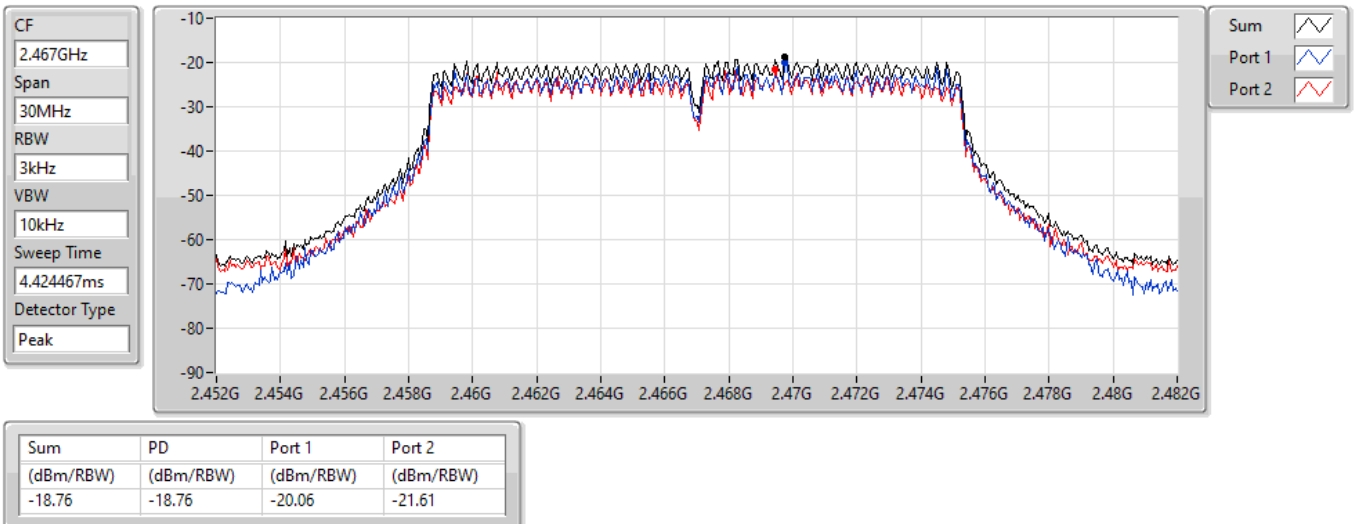


802.11g_Nss1,(6Mbps)_2TX

2467MHz

PSD

24/02/2022

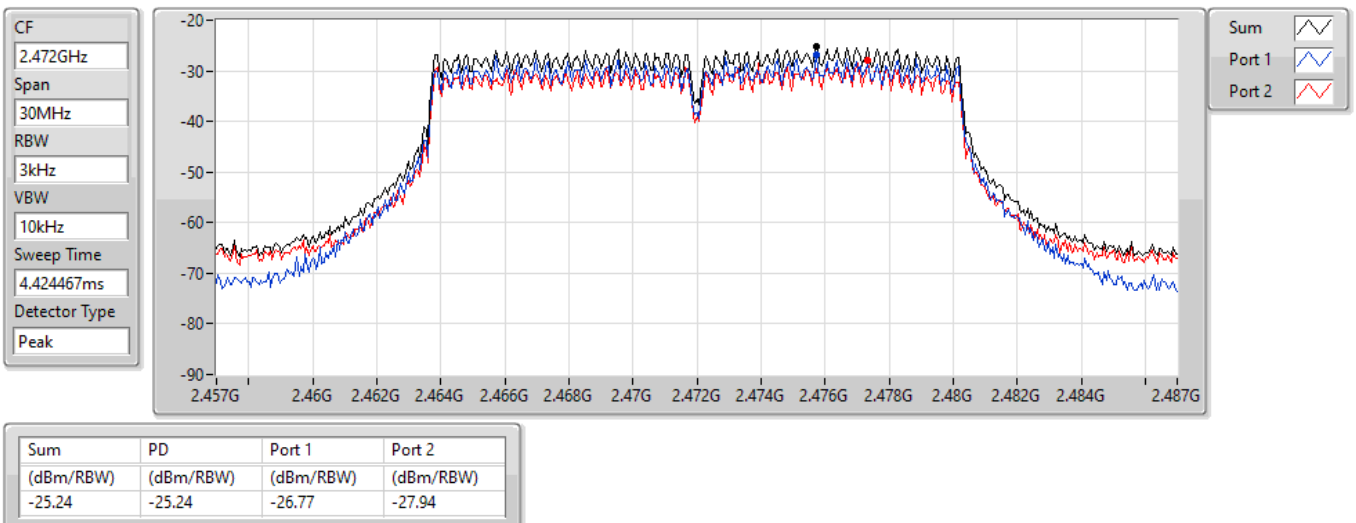


802.11g_Nss1,(6Mbps)_2TX

2472MHz

PSD

24/02/2022

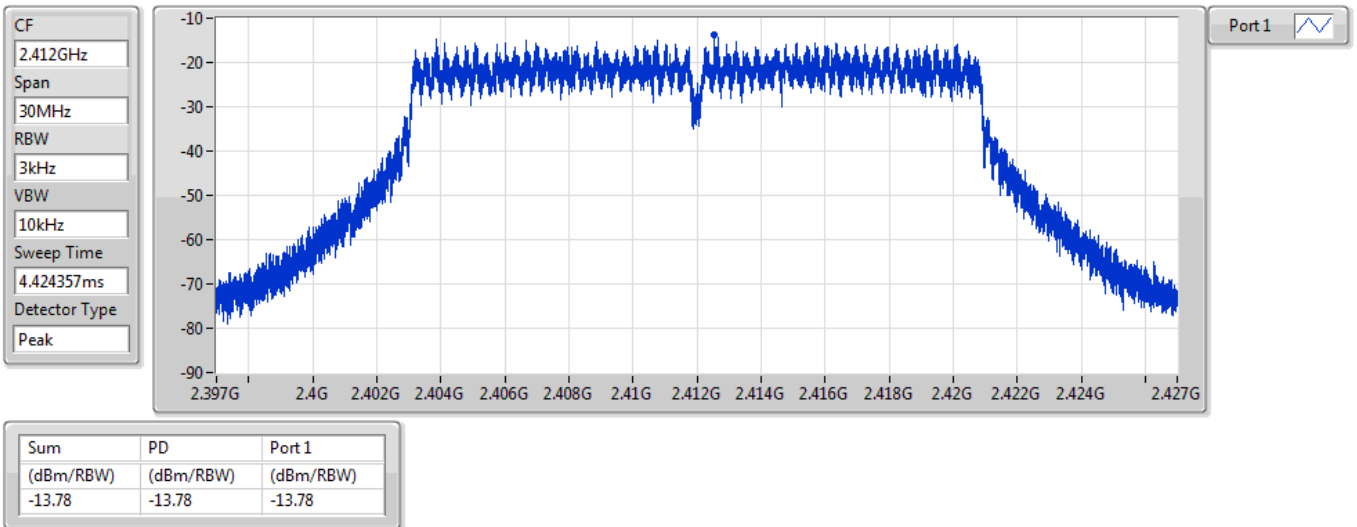


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

PSD

2412MHz

21/07/2022

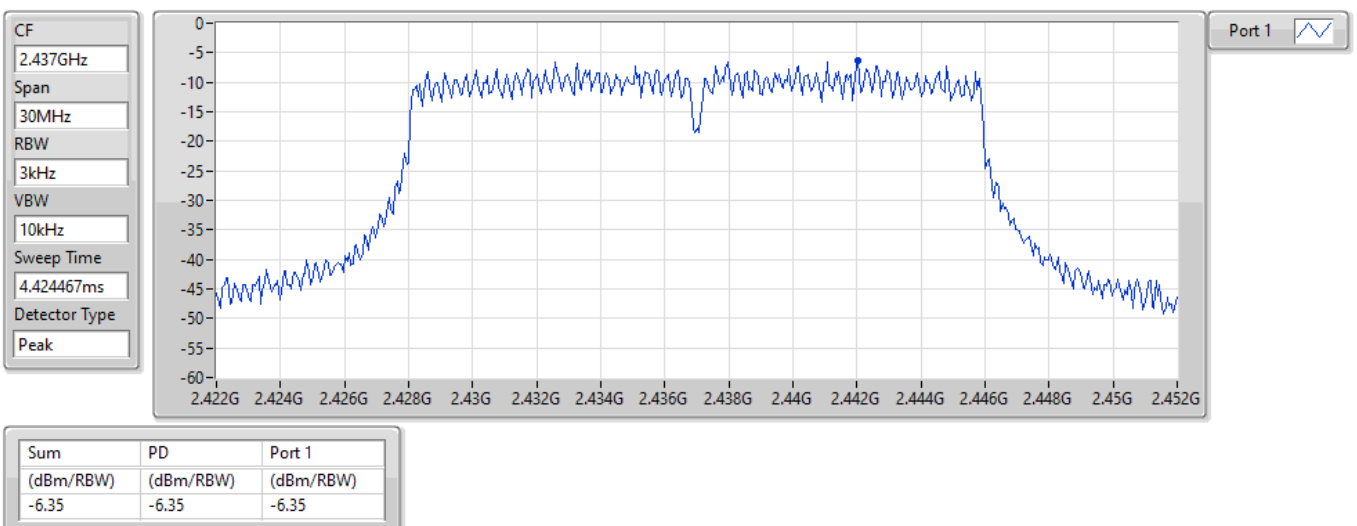


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

PSD

2437MHz

24/02/2022

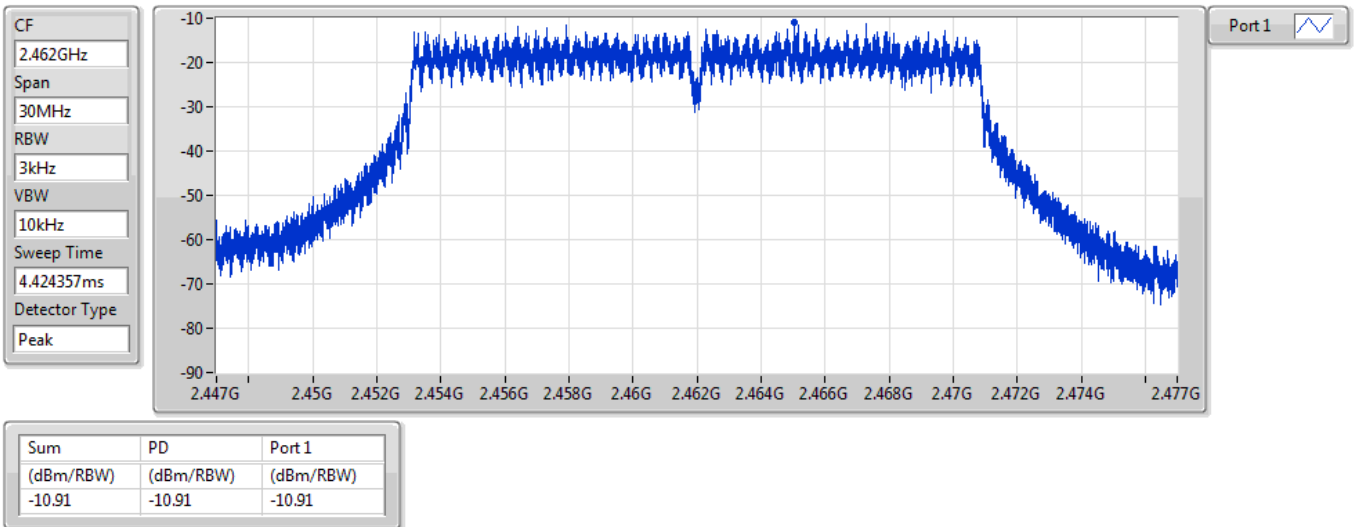


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

PSD

2462MHz

21/07/2022

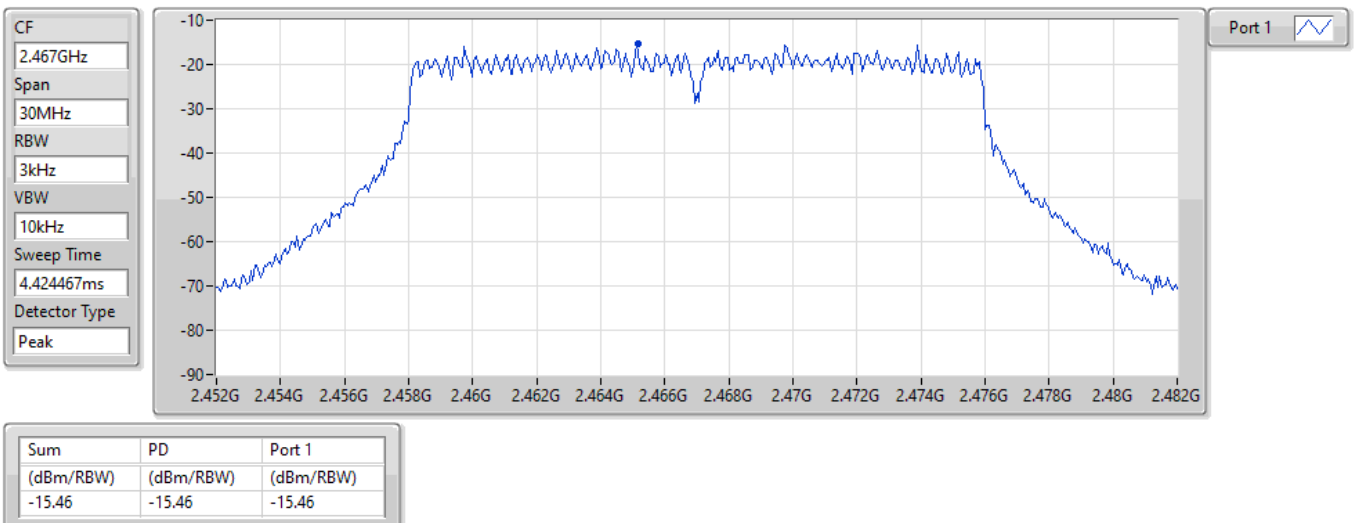


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

PSD

2467MHz

24/02/2022

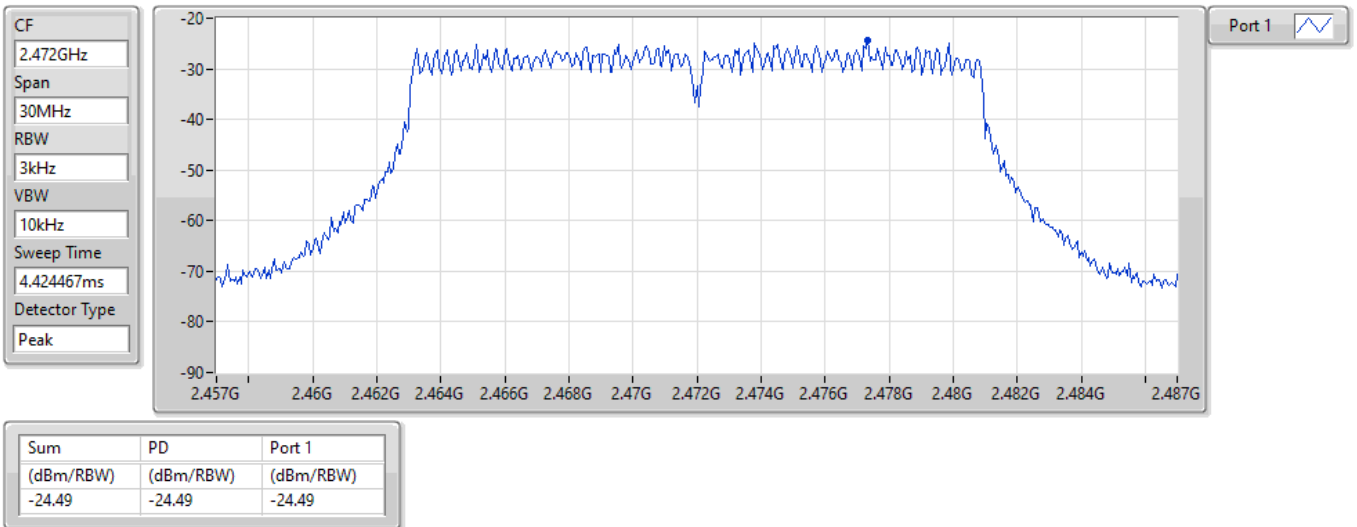


802.11n HT20_Nss1,(MCS0)_1TX(Port1)

PSD

2472MHz

24/02/2022

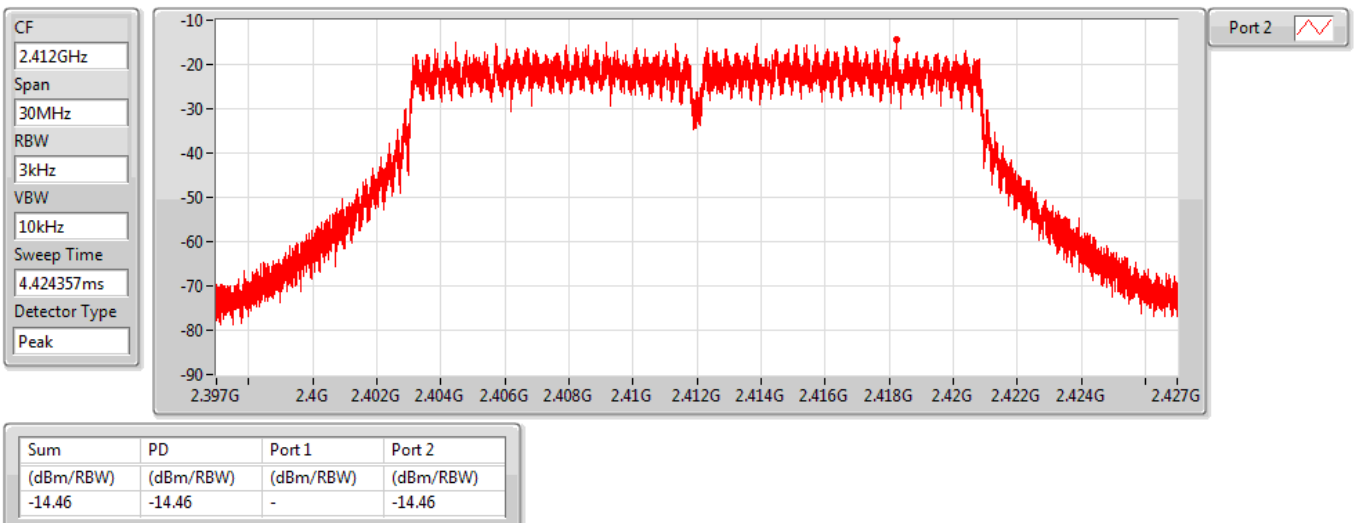


802.11n HT20_Nss1,(MCS0)_1TX(Port2)

PSD

2412MHz

21/07/2022

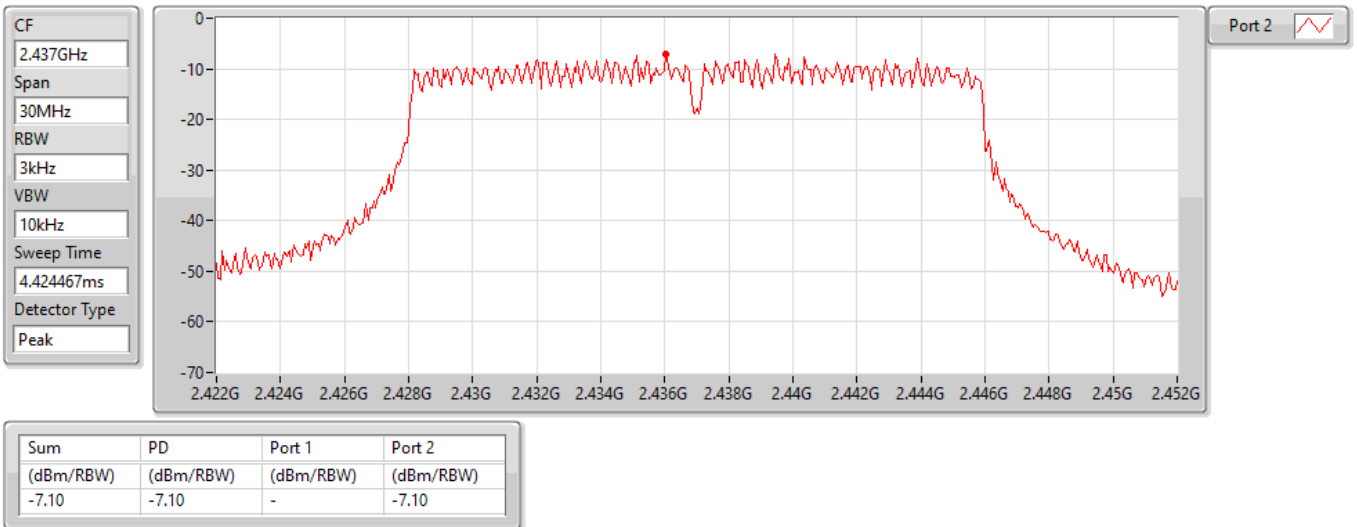


802.11n HT20_Nss1,(MCS0)_1TX(Port2)

PSD

2437MHz

24/02/2022

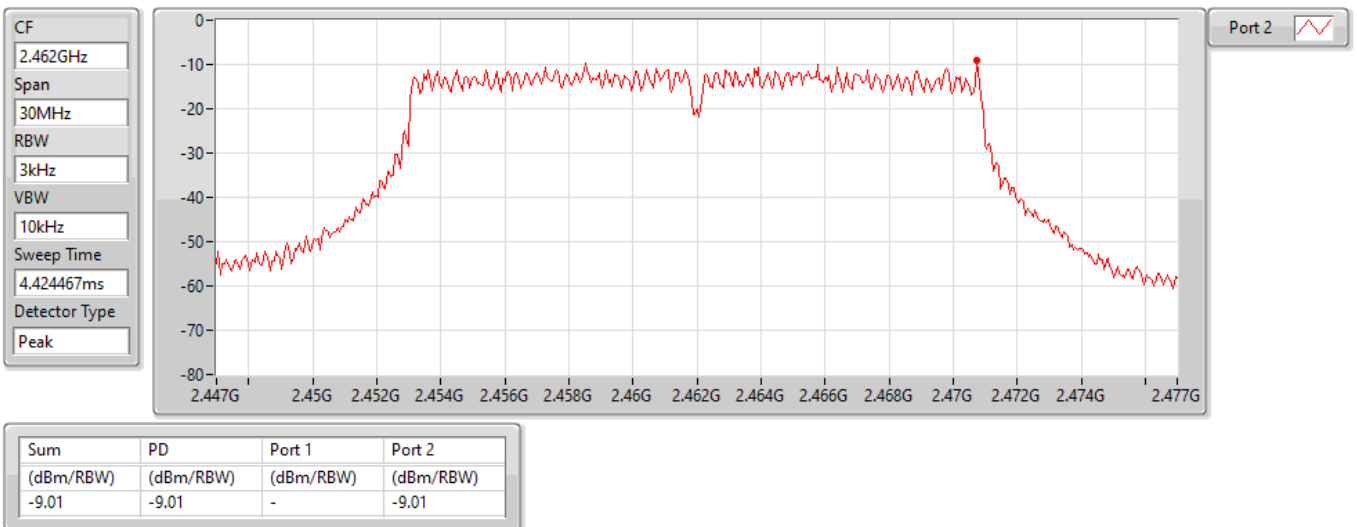


802.11n HT20_Nss1,(MCS0)_1TX(Port2)

PSD

2462MHz

24/02/2022

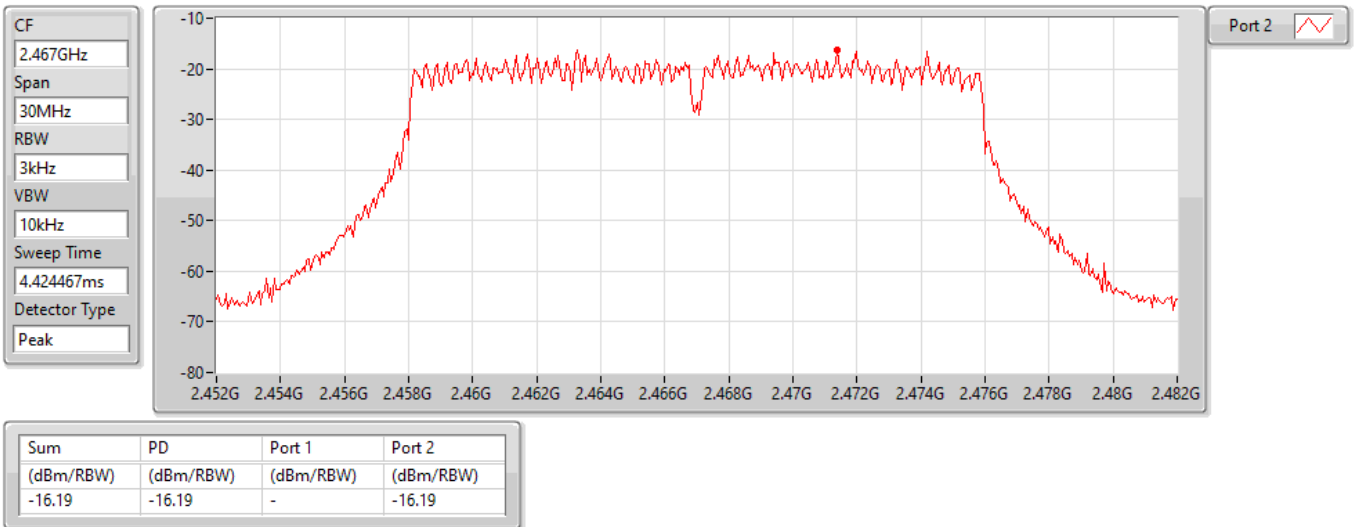


802.11n HT20_Nss1,(MCS0)_1TX(Port2)

PSD

2467MHz

24/02/2022

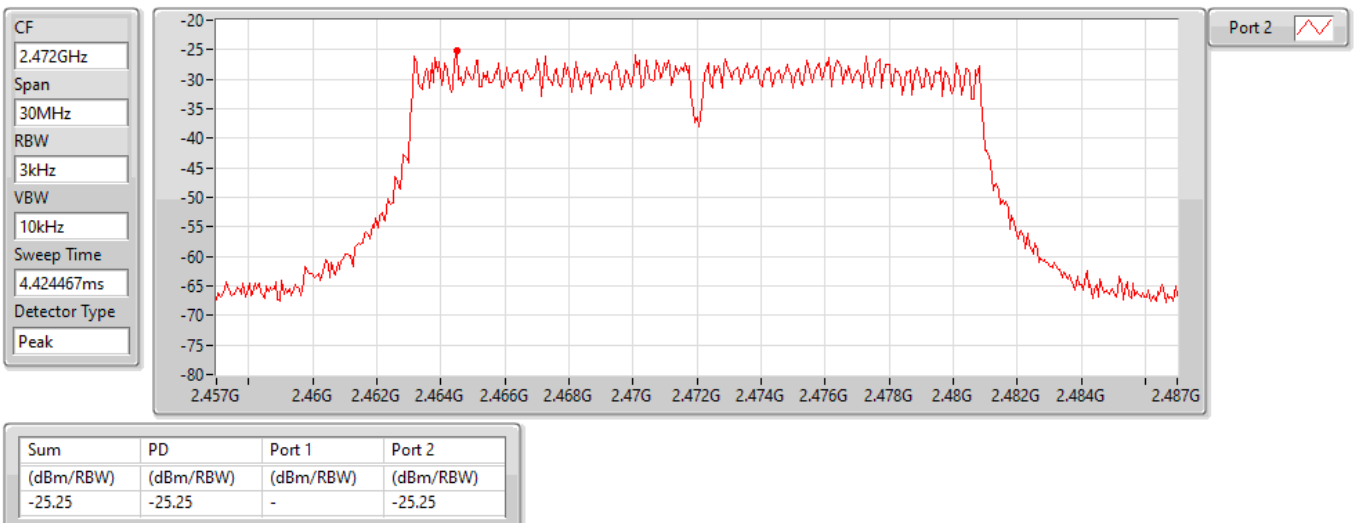


802.11n HT20_Nss1,(MCS0)_1TX(Port2)

PSD

2472MHz

24/02/2022

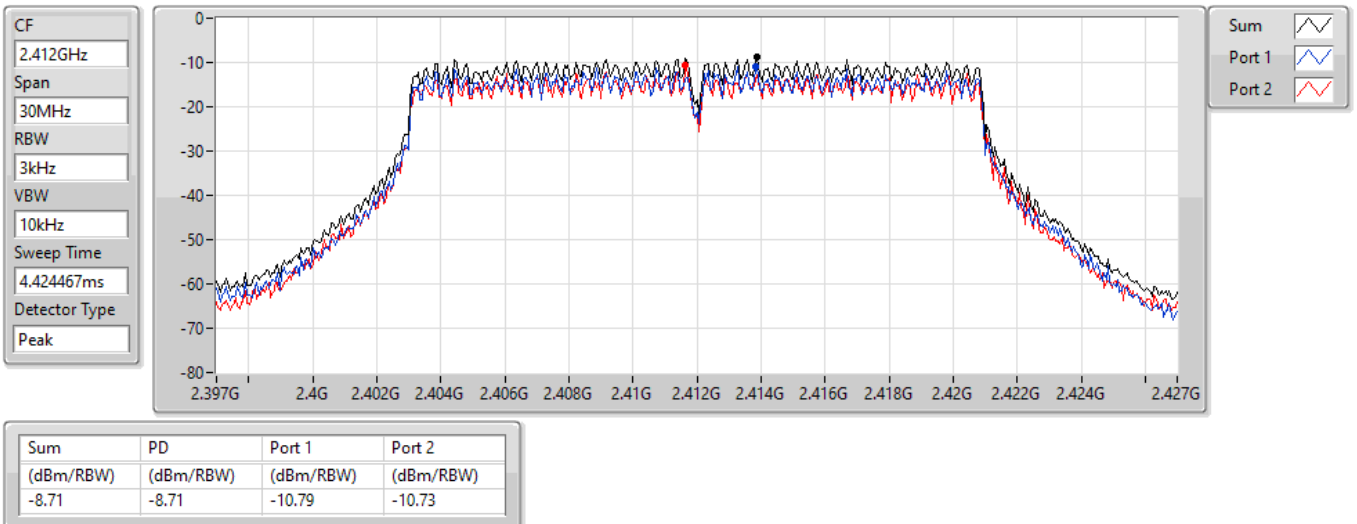


802.11n HT20_Nss1,(MCS0)_2TX

2412MHz

PSD

24/02/2022

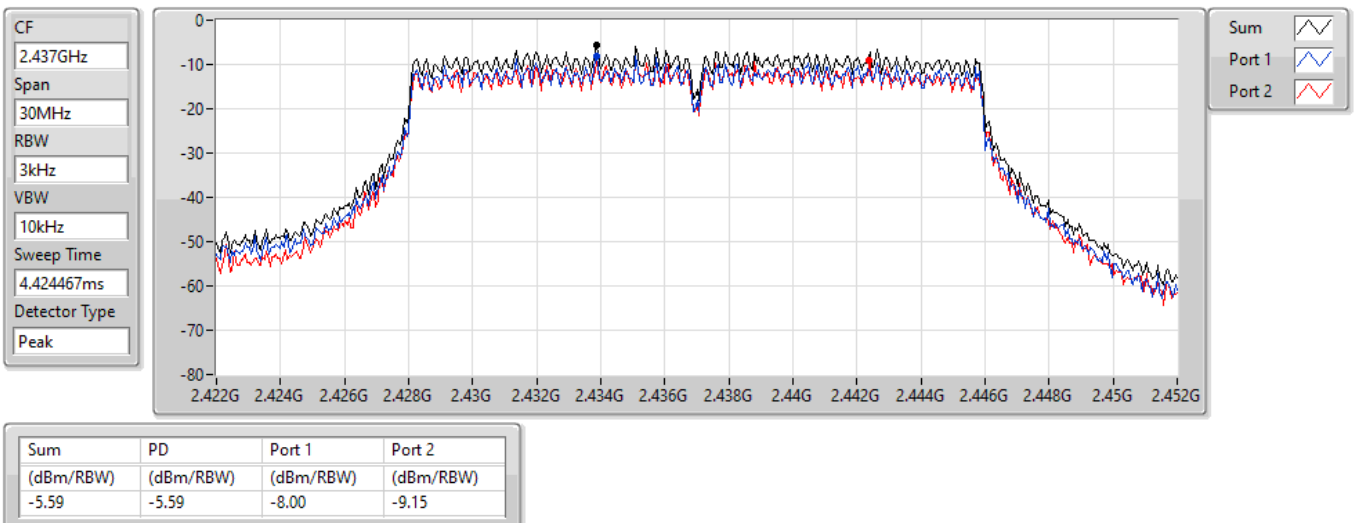


802.11n HT20_Nss1,(MCS0)_2TX

2437MHz

PSD

24/02/2022

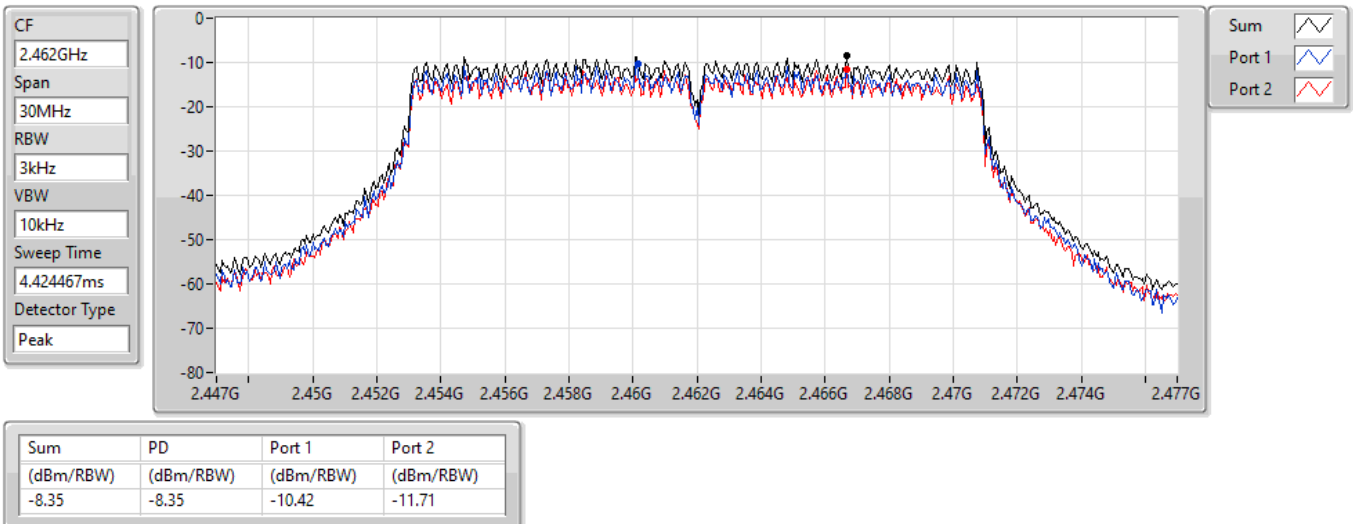


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2462MHz

24/02/2022

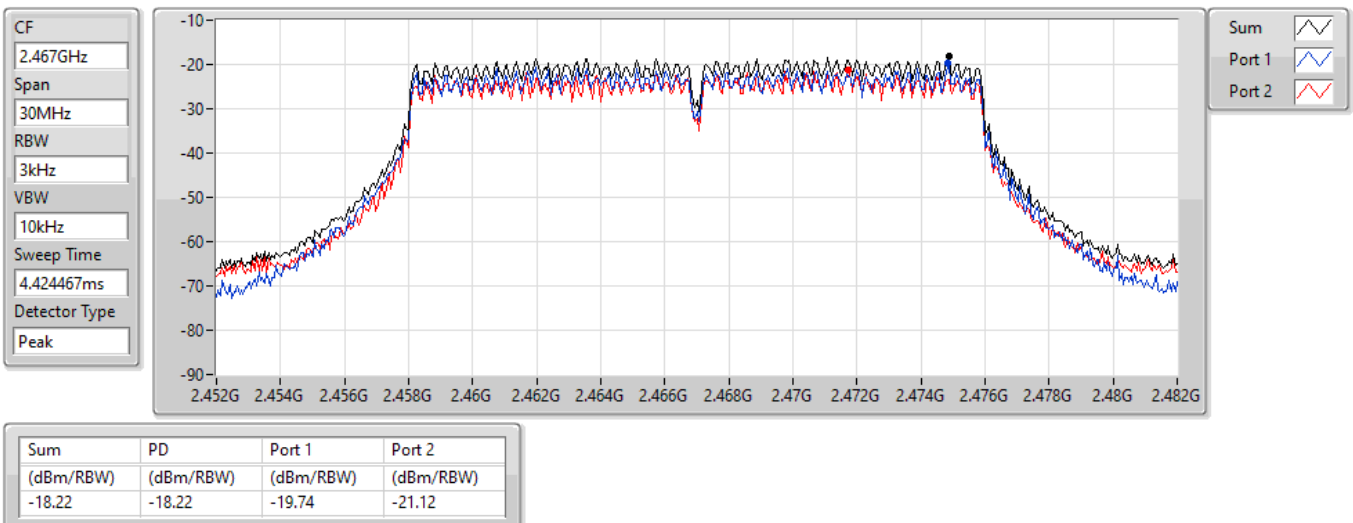


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2467MHz

24/02/2022

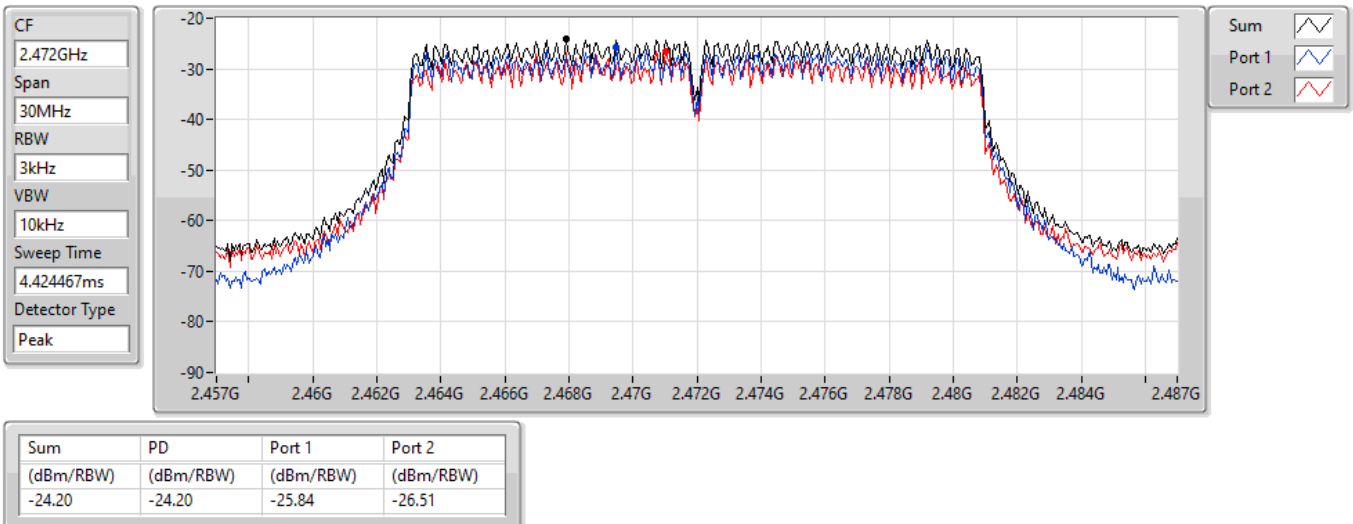


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2472MHz

24/02/2022

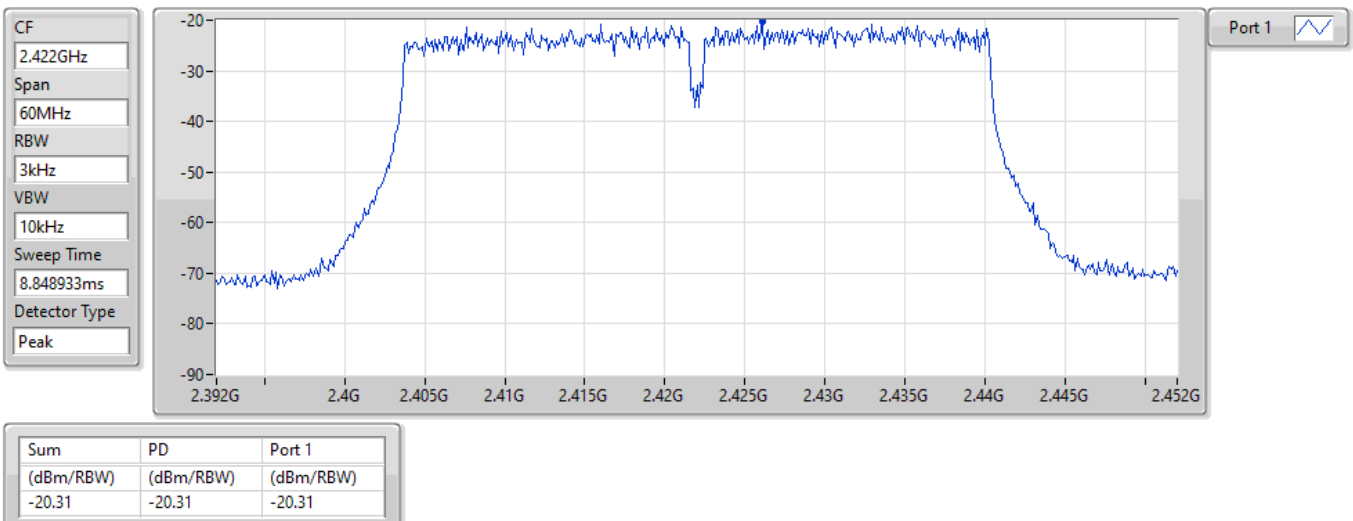


802.11n HT40_Nss1,(MCS0)_1TX(Port1)

PSD

2422MHz

24/02/2022

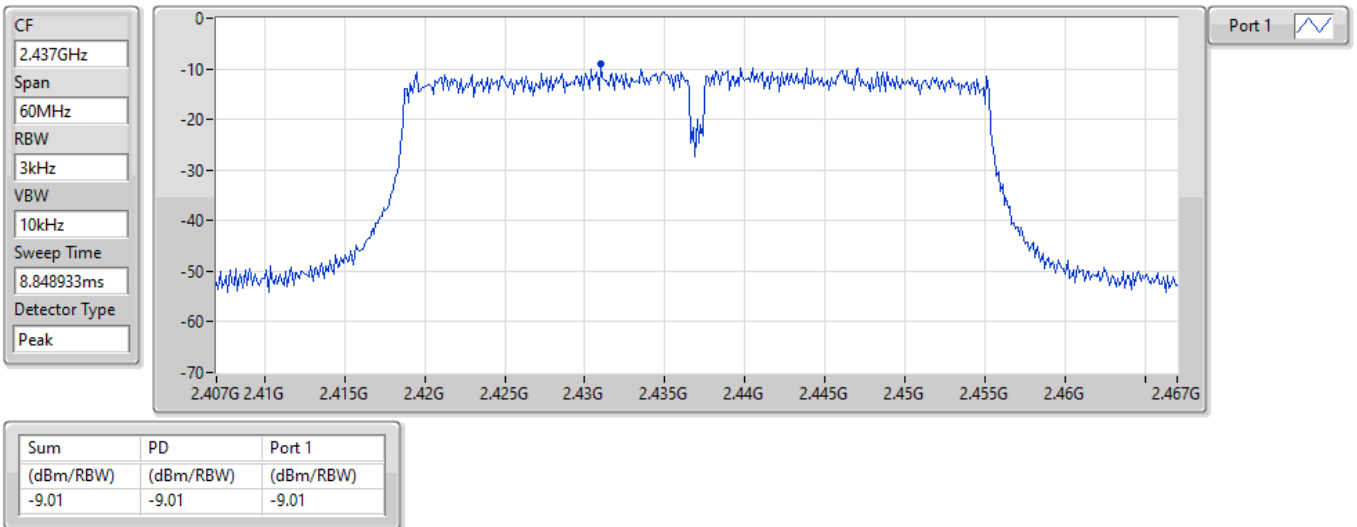


802.11n HT40_Nss1,(MCS0)_1TX(Port1)

PSD

2437MHz

24/02/2022

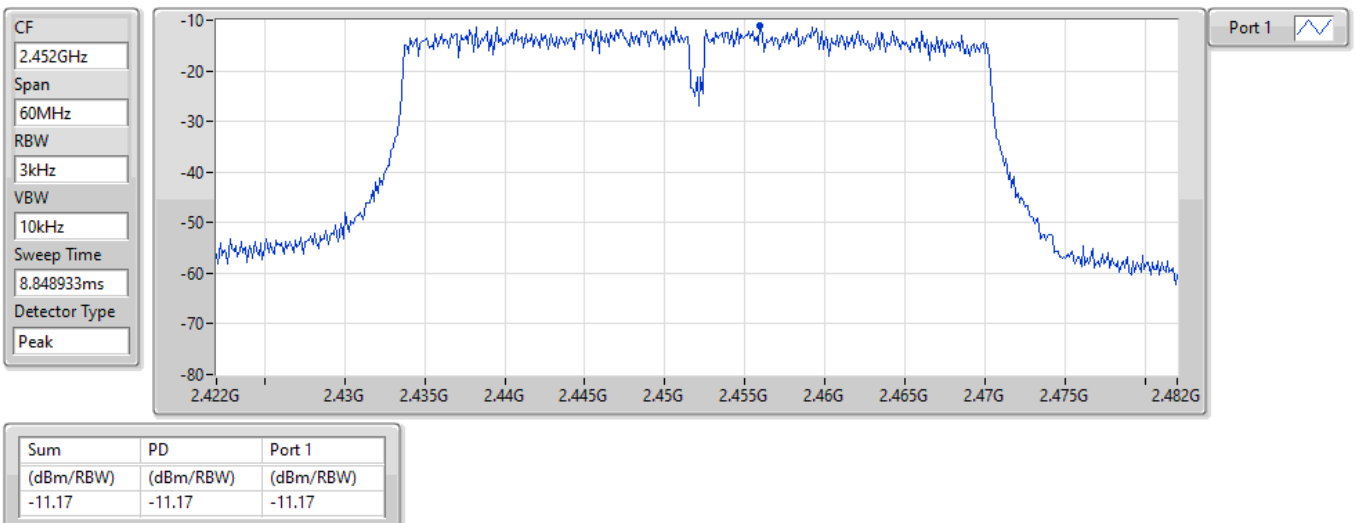


802.11n HT40_Nss1,(MCS0)_1TX(Port1)

PSD

2452MHz

16/05/2022

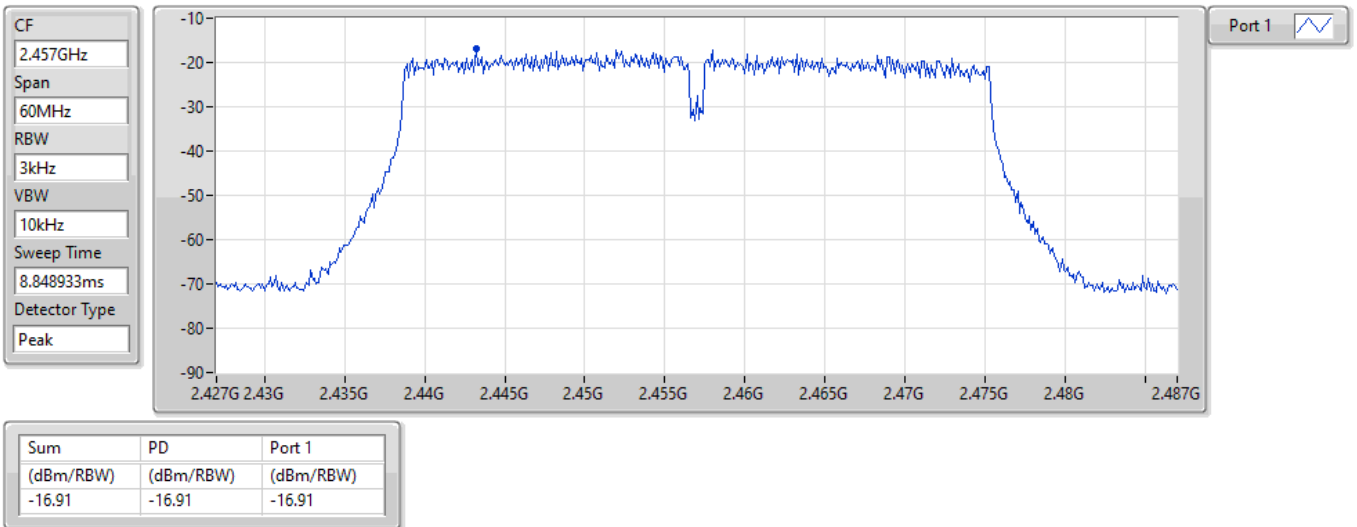


802.11n HT40_Nss1,(MCS0)_1TX(Port1)

PSD

2457MHz

24/02/2022

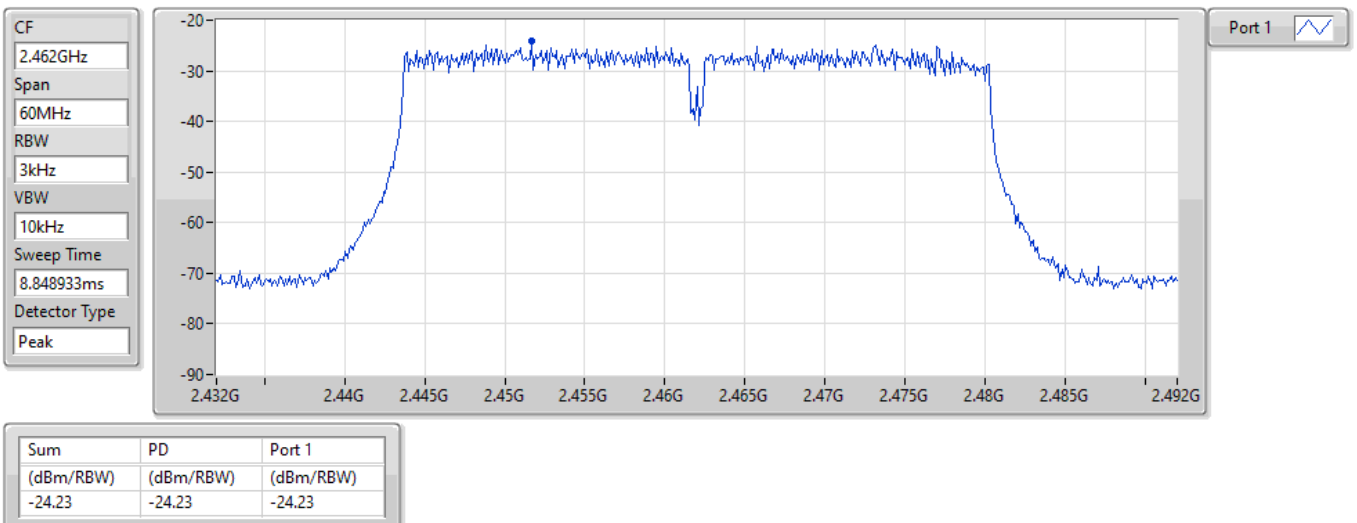


802.11n HT40_Nss1,(MCS0)_1TX(Port1)

PSD

2462MHz

24/02/2022

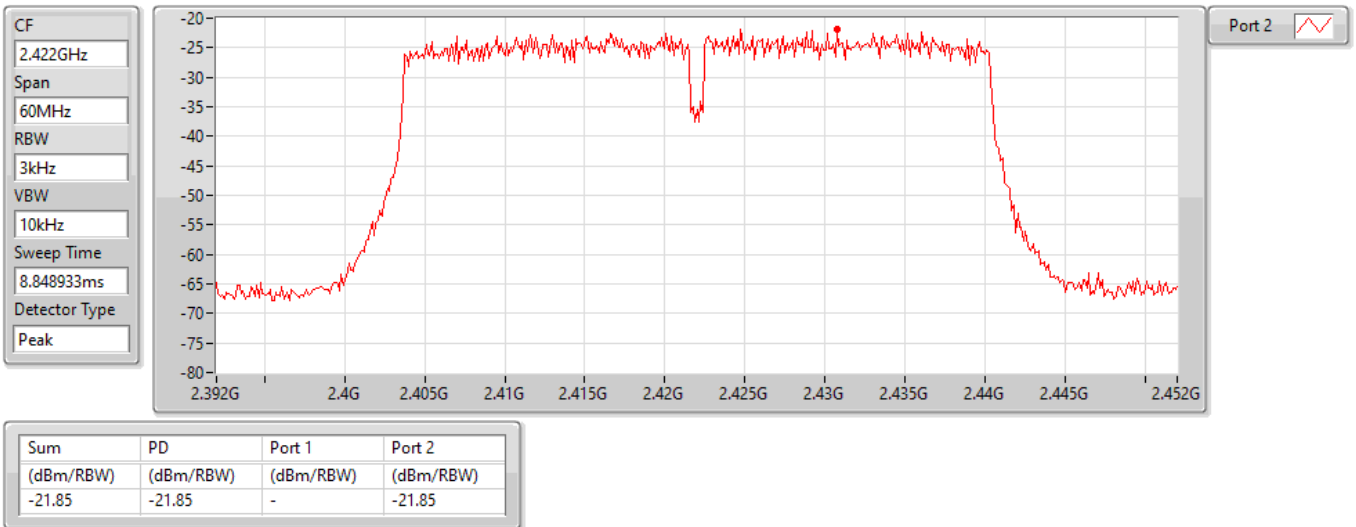


802.11n HT40_Nss1,(MCS0)_1TX(Port2)

PSD

2422MHz

24/02/2022

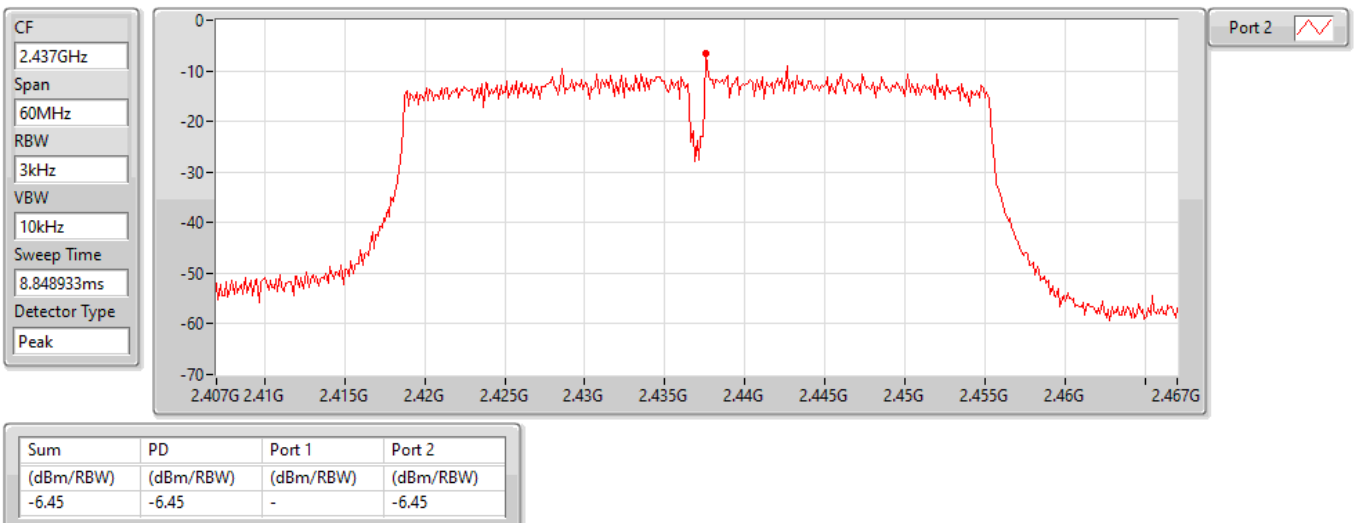


802.11n HT40_Nss1,(MCS0)_1TX(Port2)

PSD

2437MHz

24/02/2022

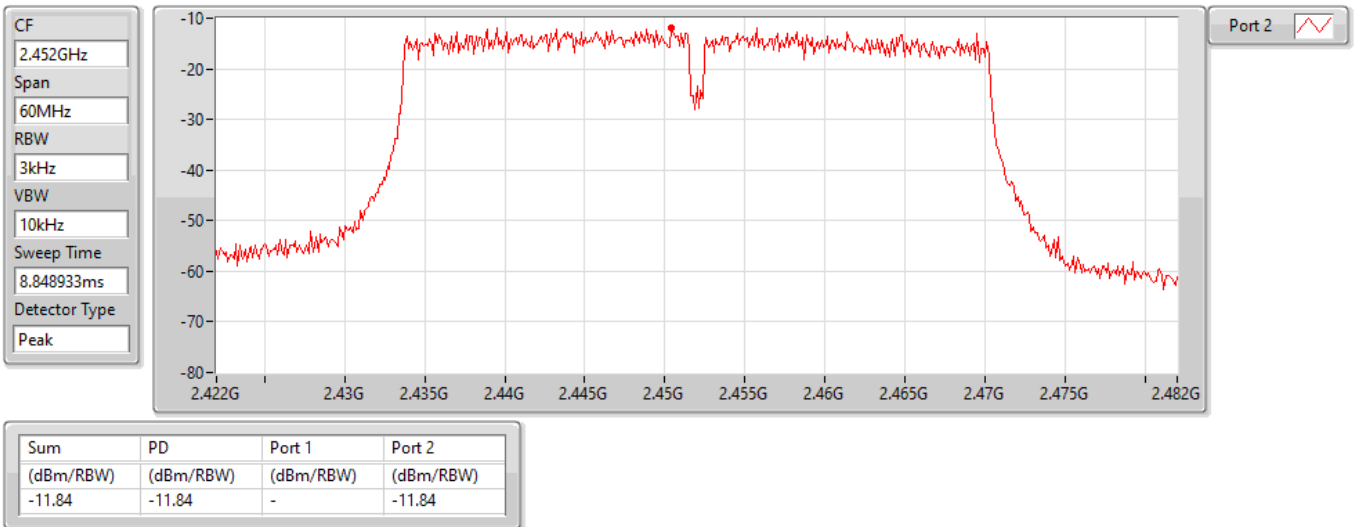


802.11n HT40_Nss1,(MCS0)_1TX(Port2)

PSD

2452MHz

16/05/2022

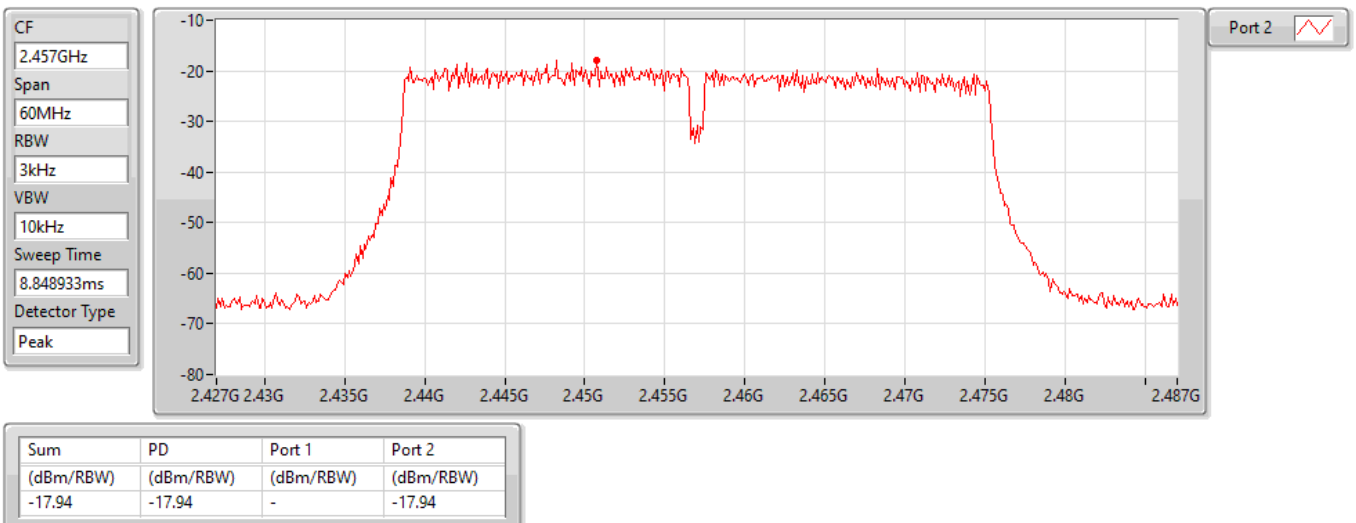


802.11n HT40_Nss1,(MCS0)_1TX(Port2)

PSD

2457MHz

24/02/2022

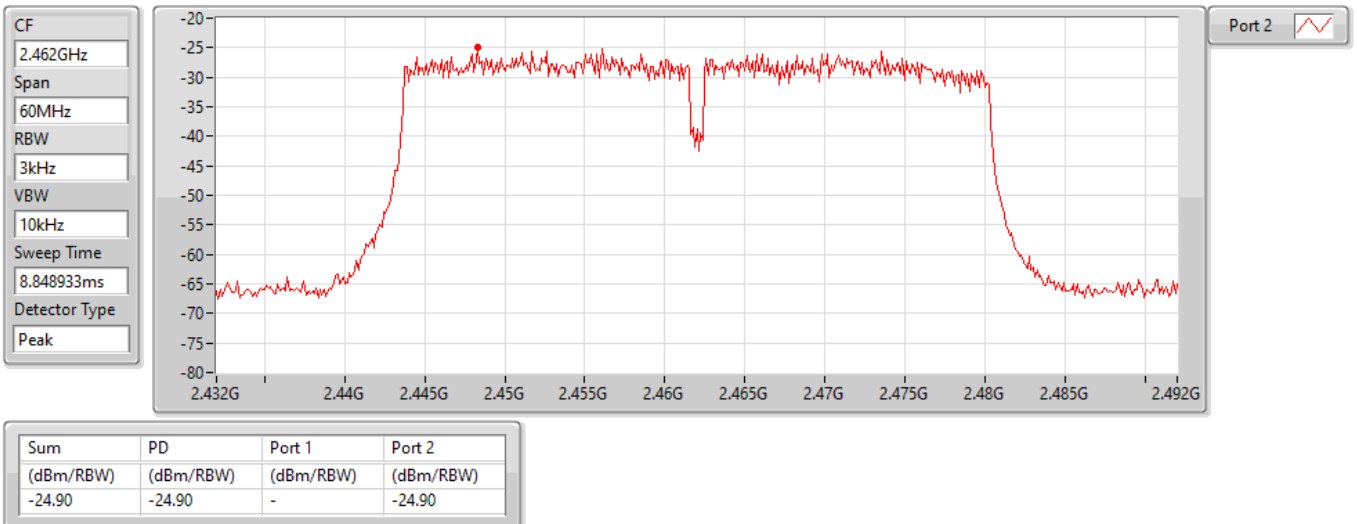


802.11n HT40_Nss1,(MCS0)_1TX(Port2)

PSD

2462MHz

24/02/2022

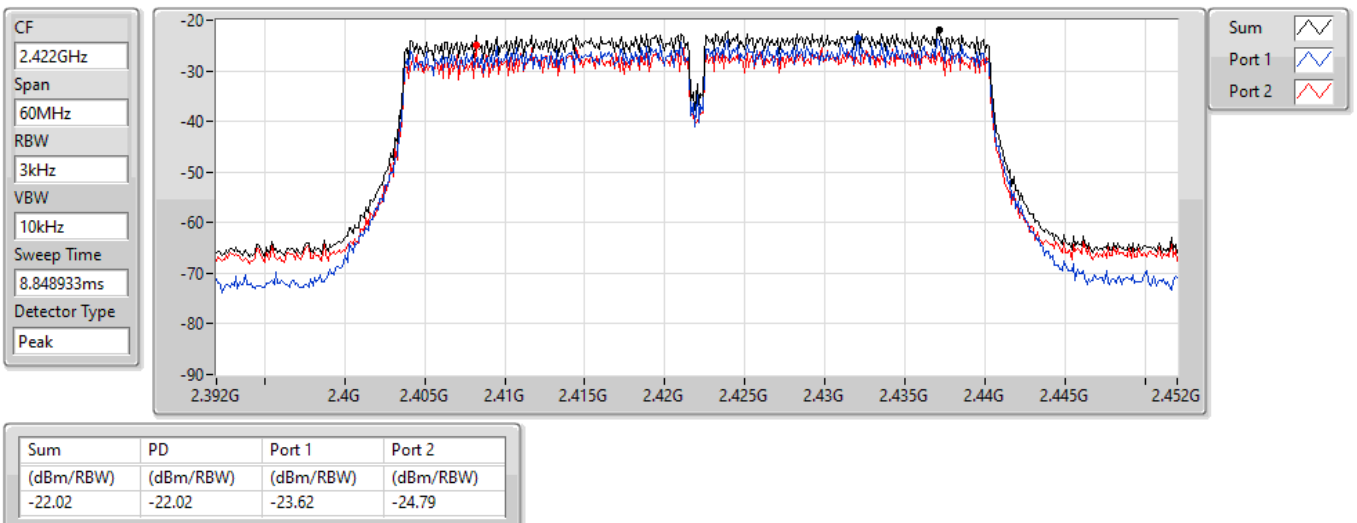


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2422MHz

24/02/2022

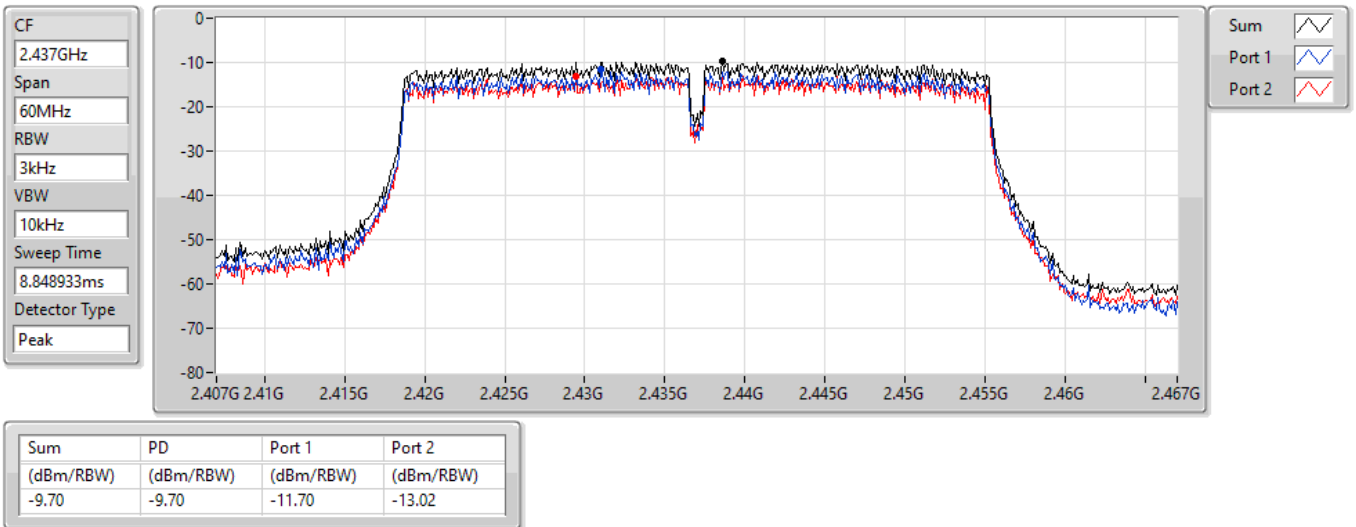


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2437MHz

24/02/2022

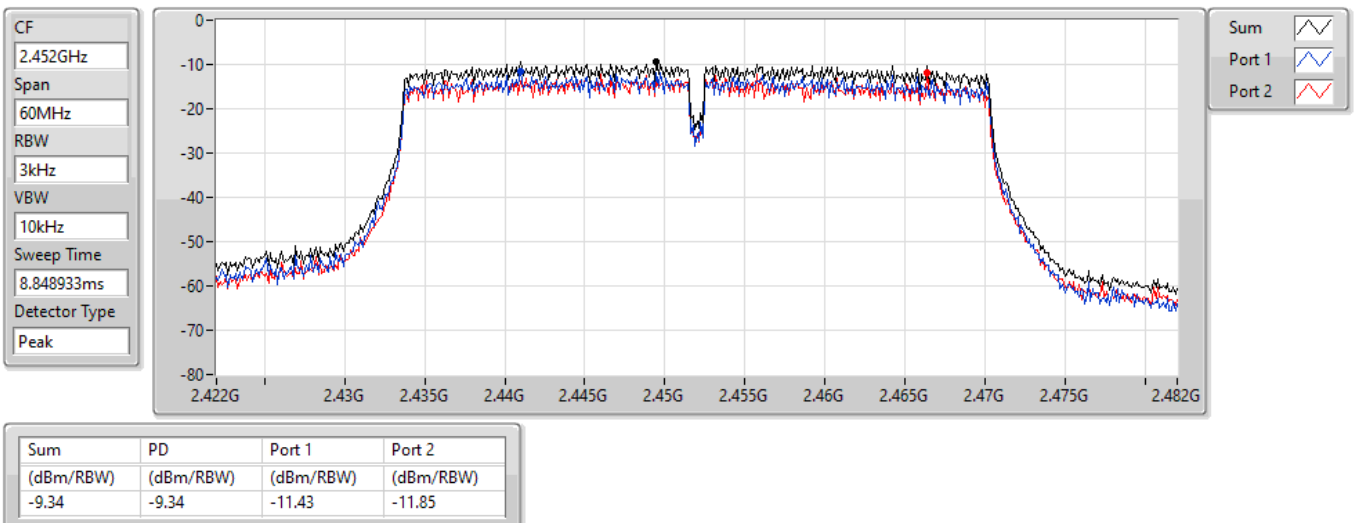


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2452MHz

24/02/2022

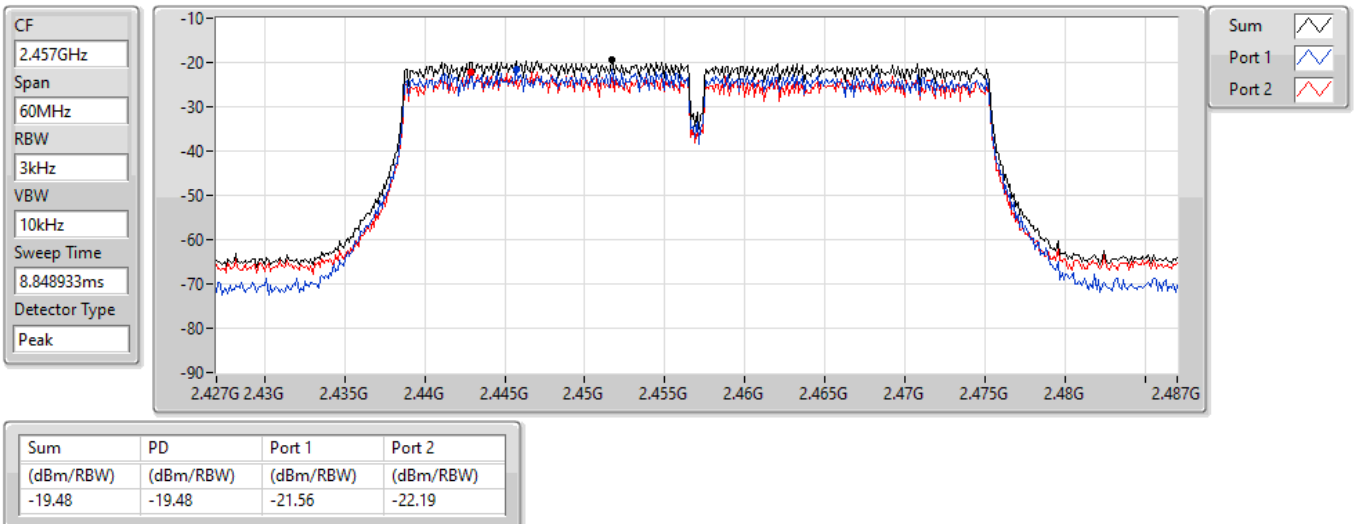


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2457MHz

24/02/2022

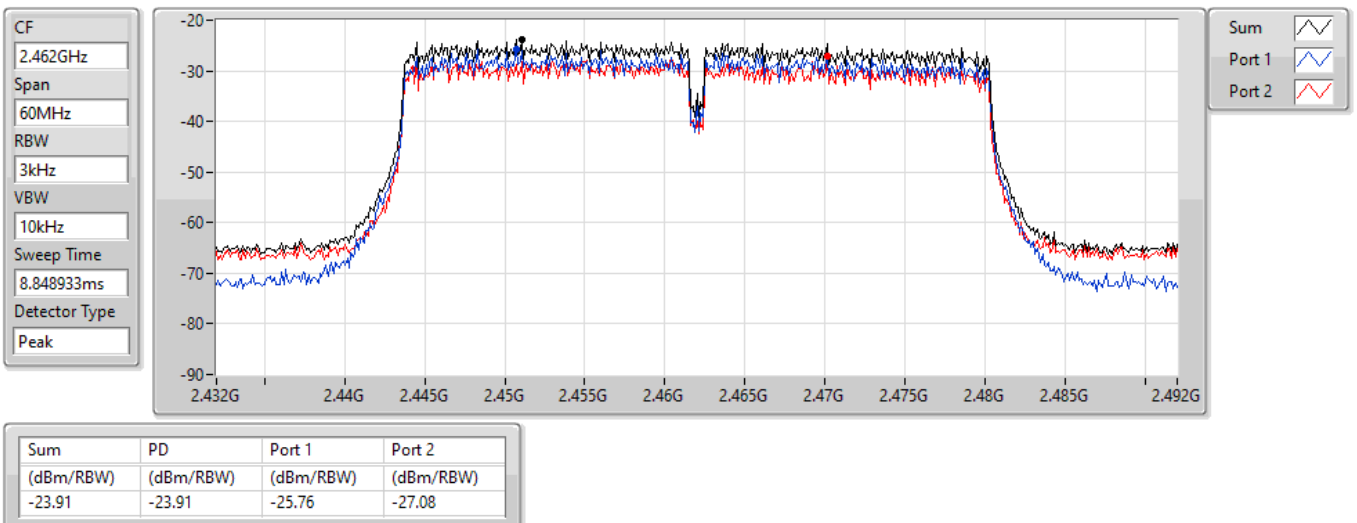


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2462MHz

24/02/2022

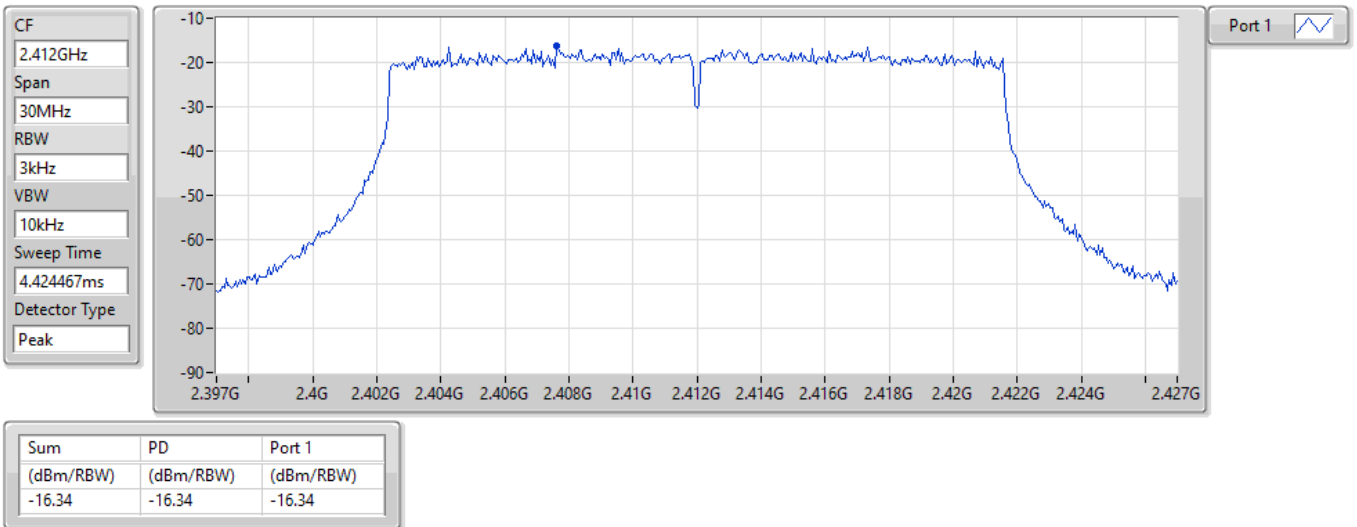


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)

PSD

2412MHz

16/05/2022

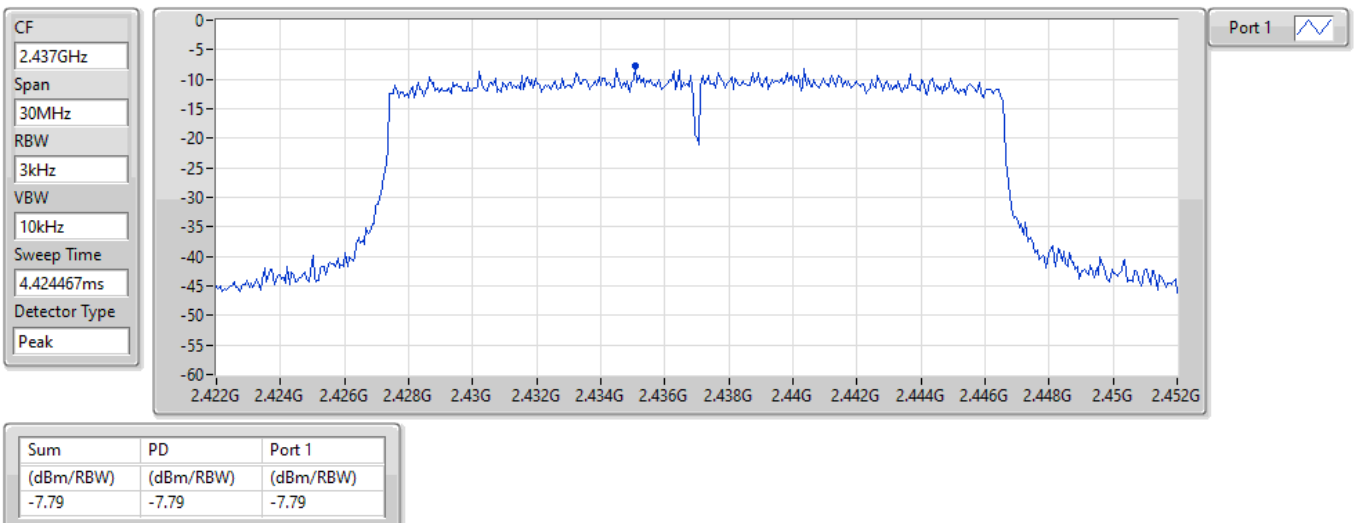


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)

PSD

2437MHz

16/05/2022

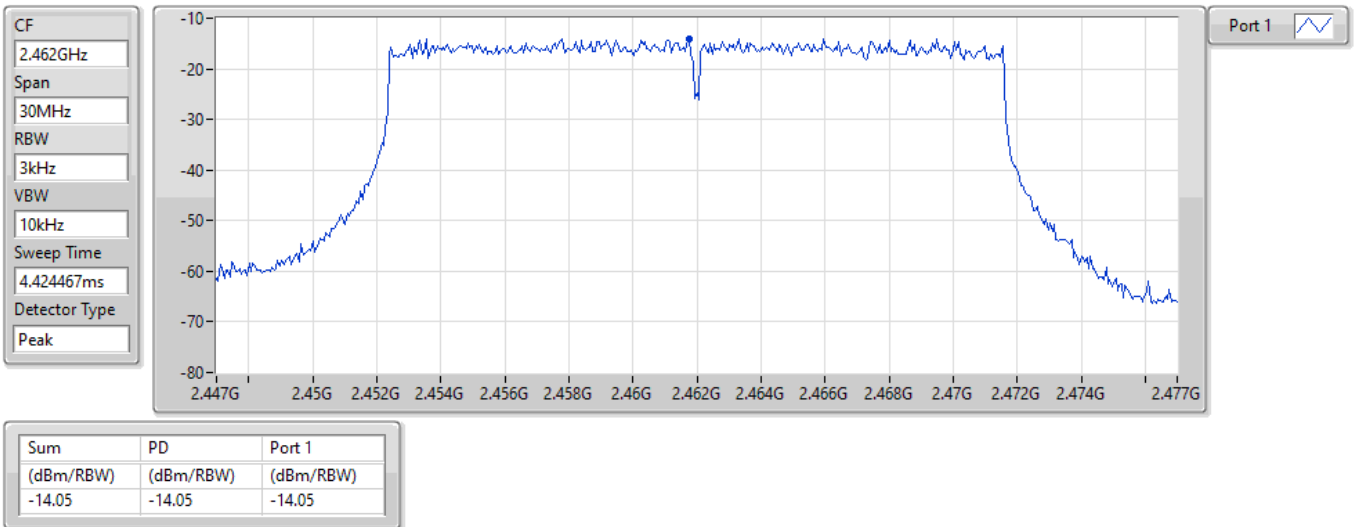


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)

PSD

2462MHz

16/05/2022

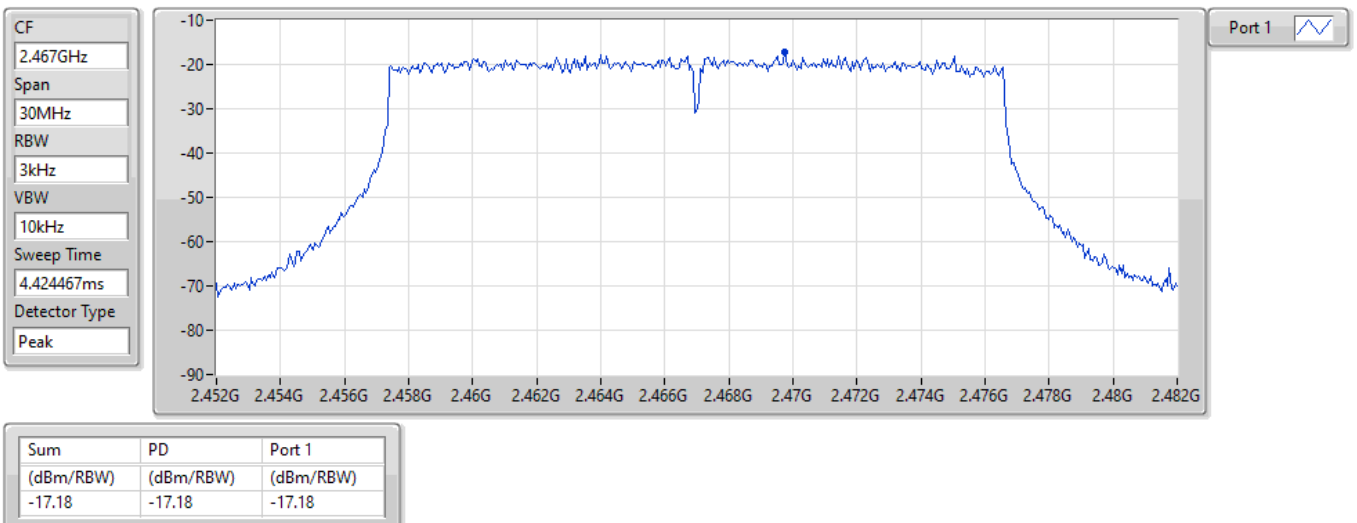


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)

PSD

2467MHz

16/05/2022

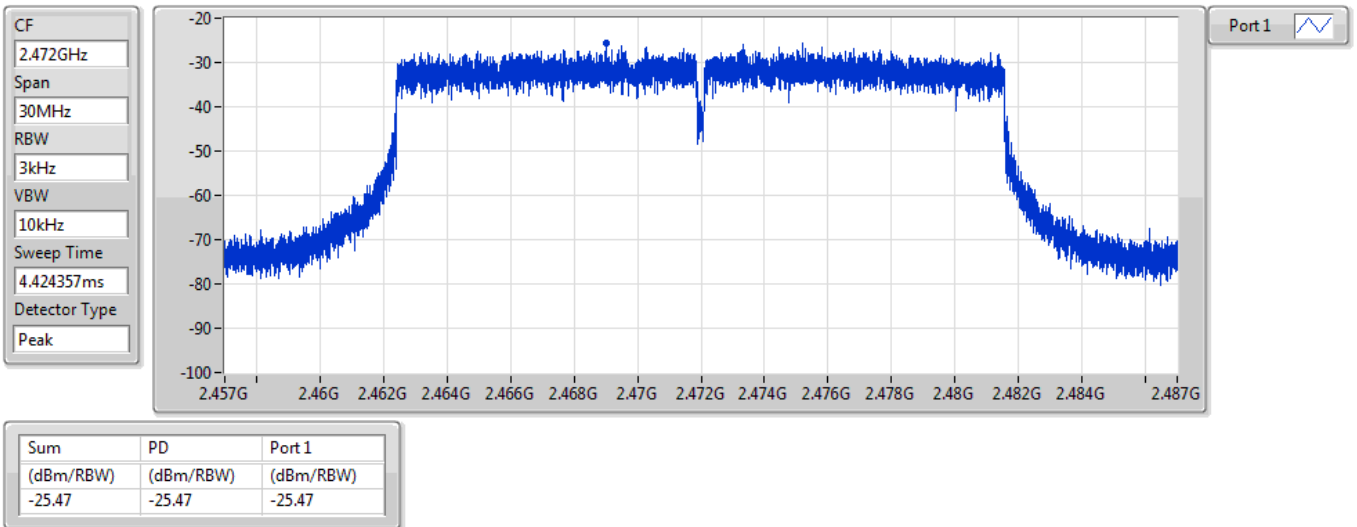


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)

PSD

2472MHz

21/07/2022

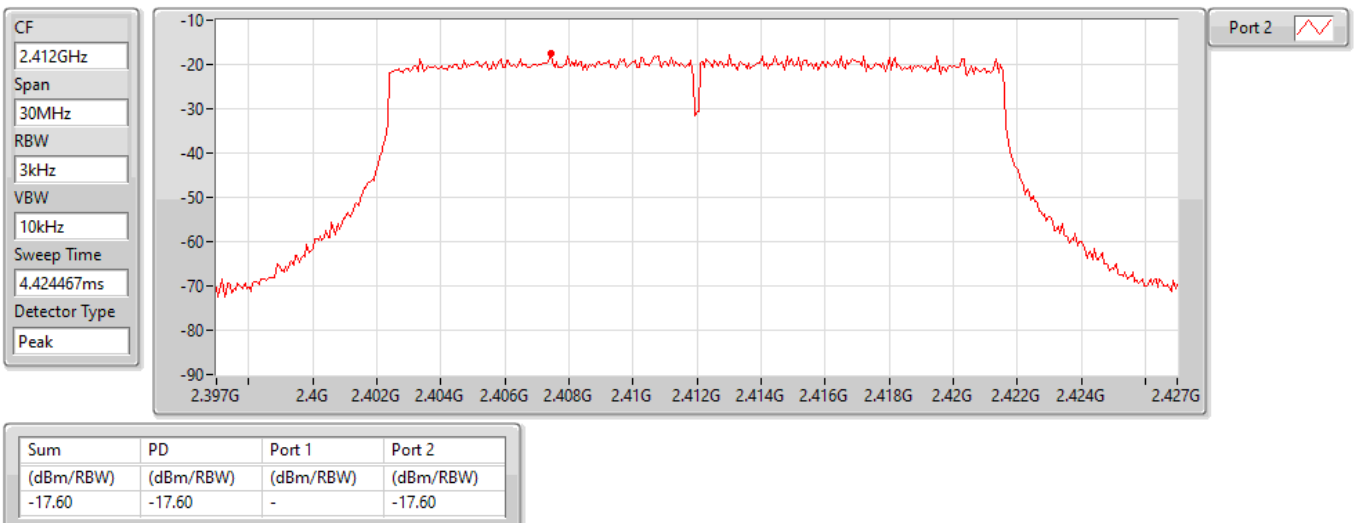


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

PSD

2412MHz

16/05/2022

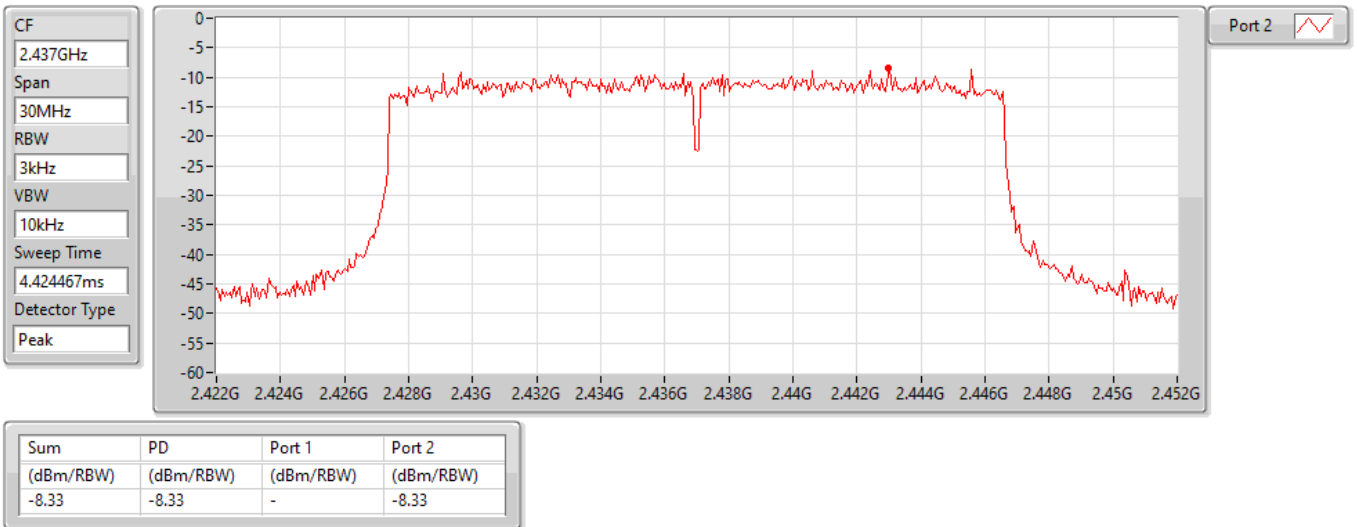


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

PSD

2437MHz

16/05/2022

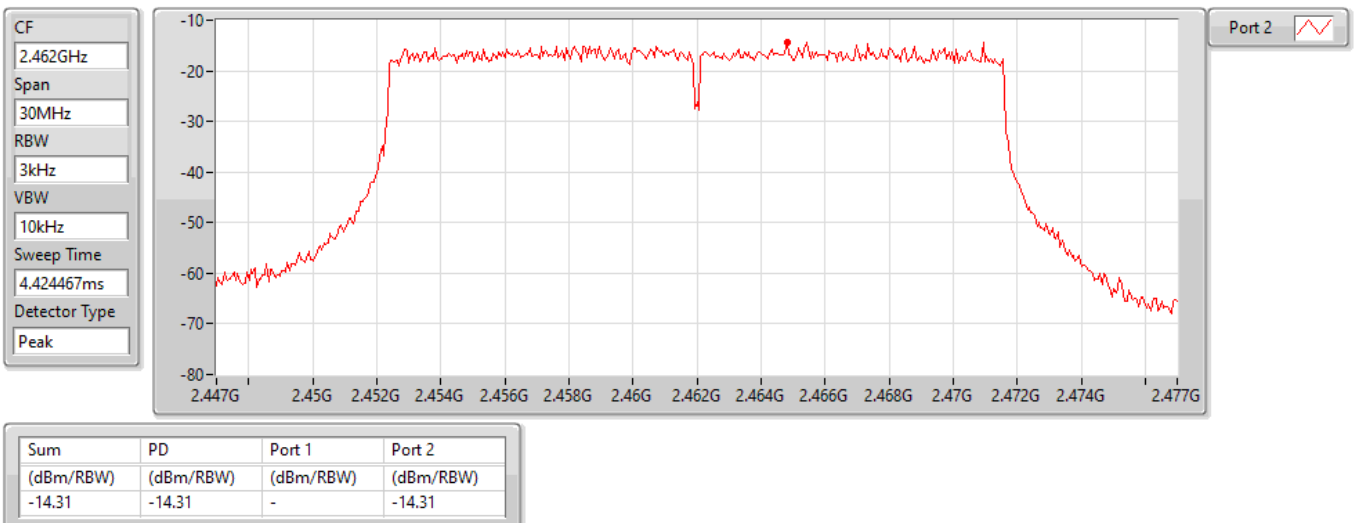


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

PSD

2462MHz

16/05/2022

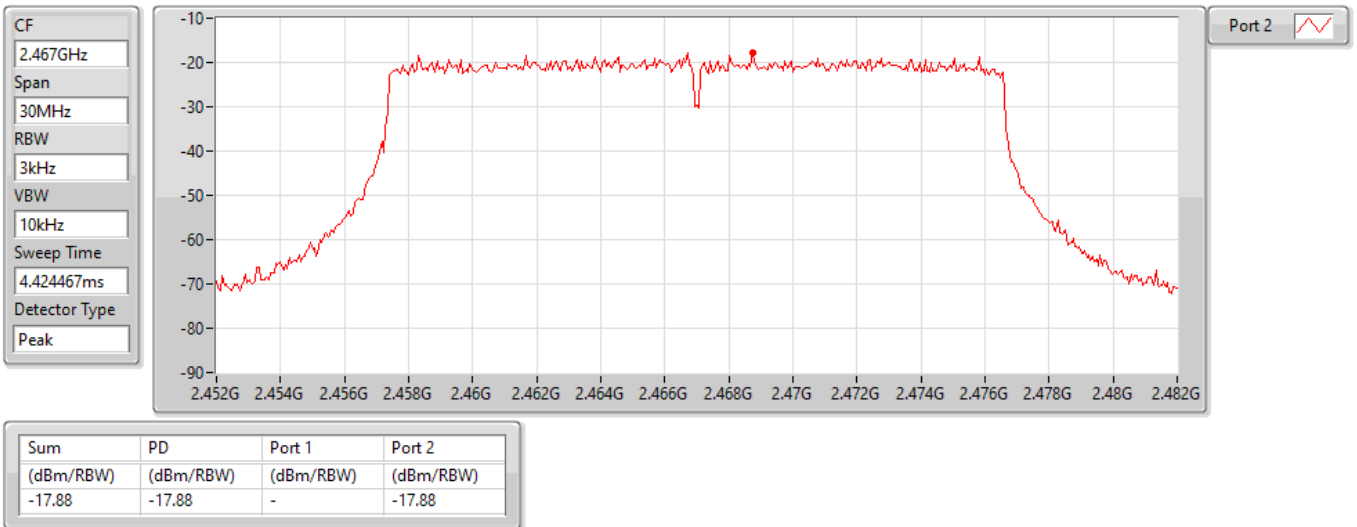


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

PSD

2467MHz

16/05/2022

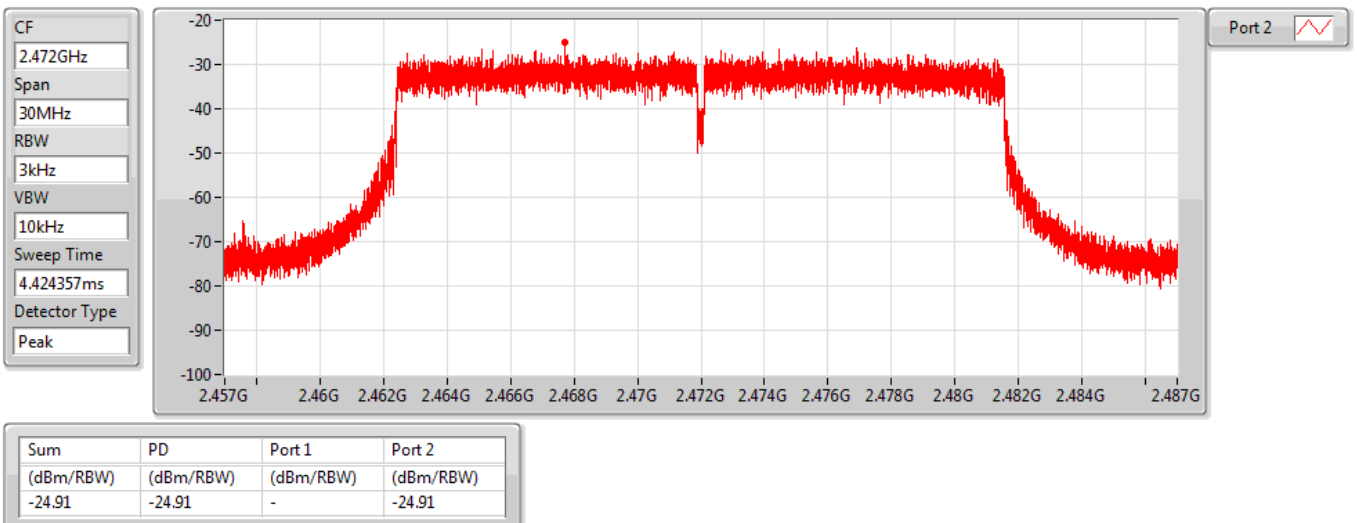


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

PSD

2472MHz

21/07/2022

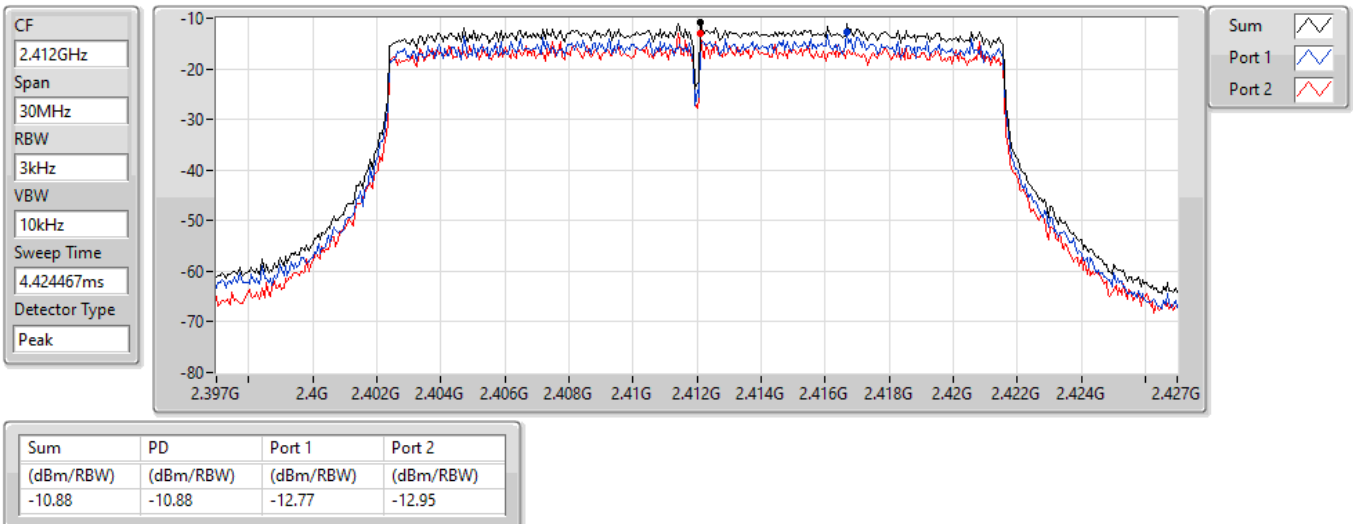


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2412MHz

16/05/2022

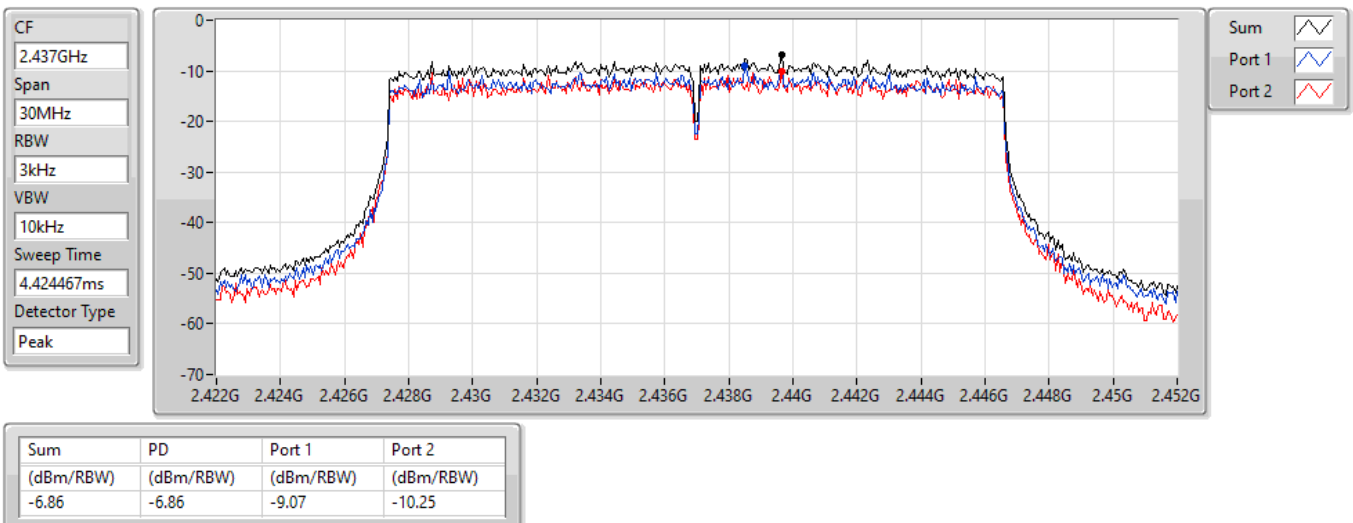


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2437MHz

16/05/2022

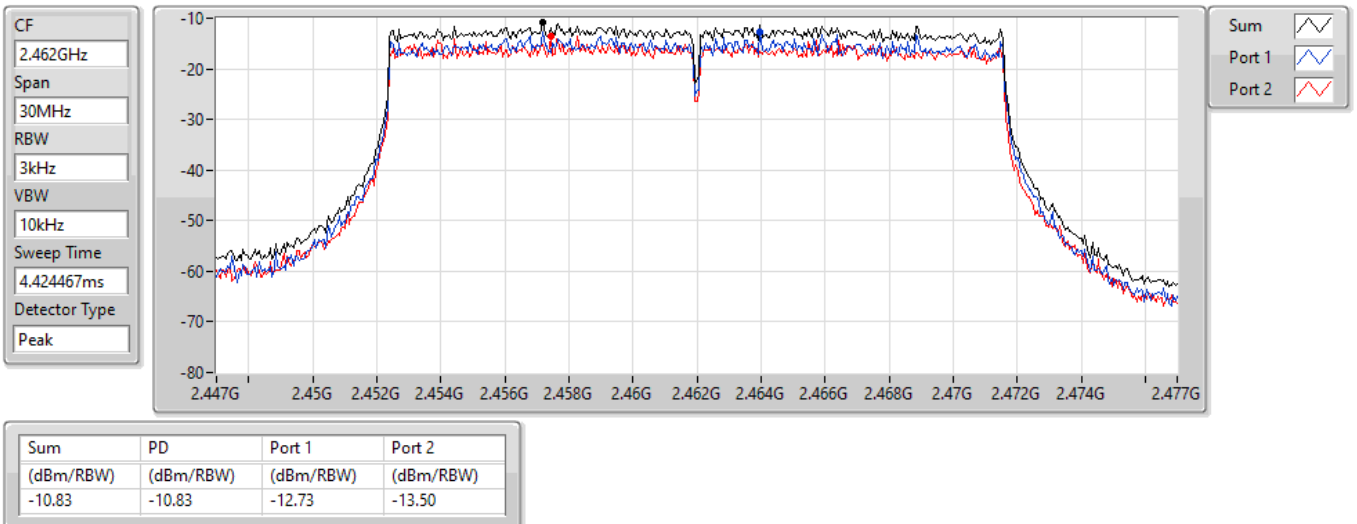


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2462MHz

16/05/2022

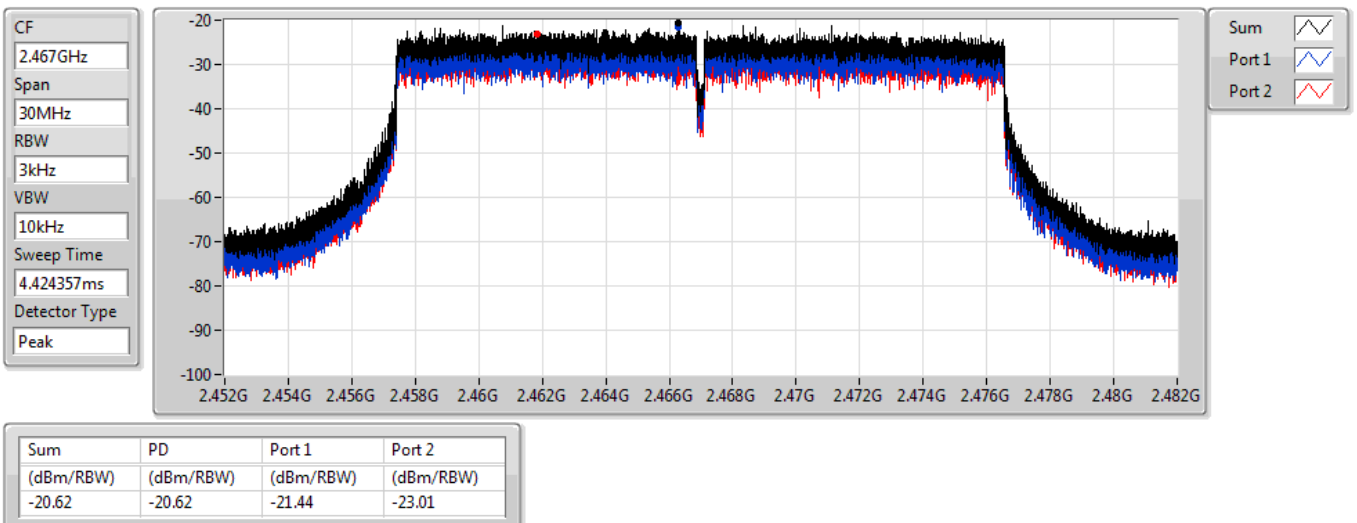


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2467MHz

21/07/2022

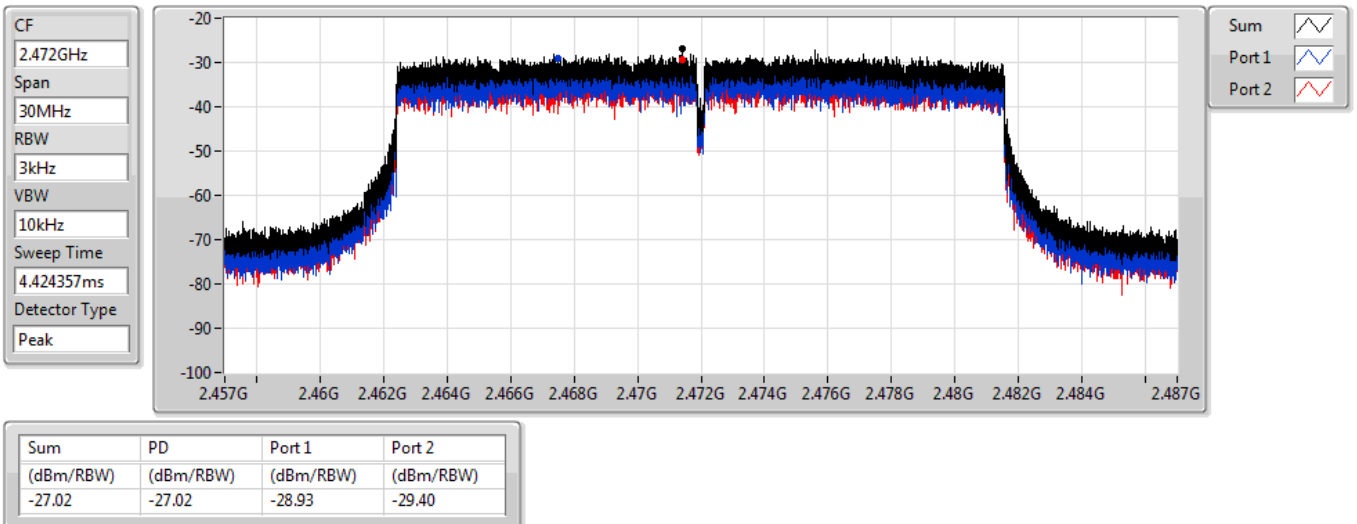


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2472MHz

21/07/2022

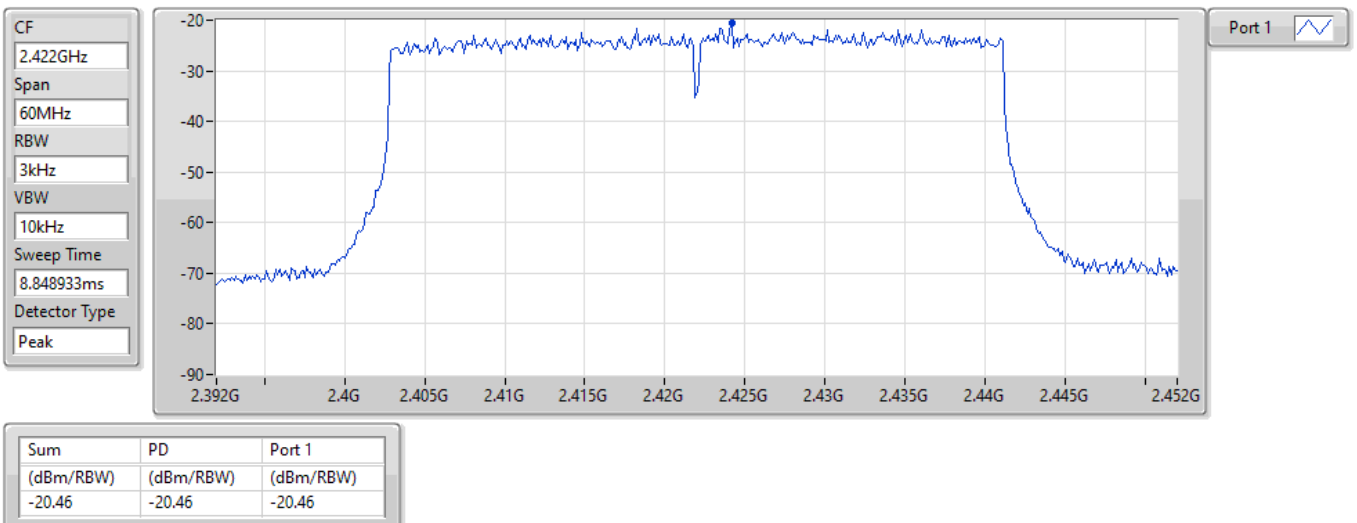


802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)

PSD

2422MHz

16/05/2022

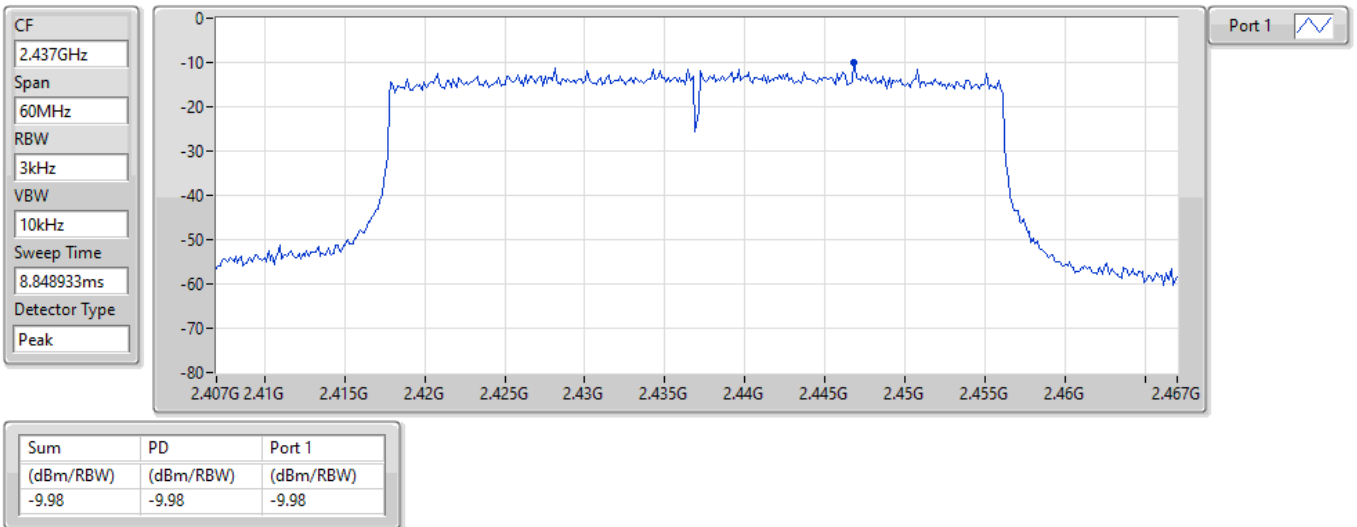


802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)

PSD

2437MHz

16/05/2022

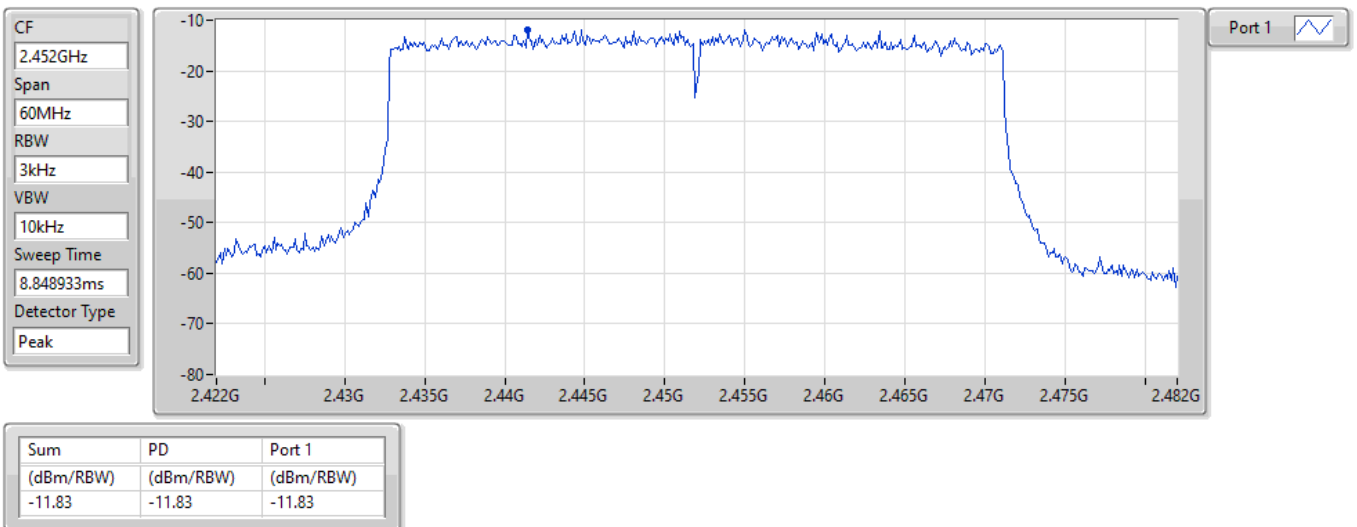


802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)

PSD

2452MHz

16/05/2022

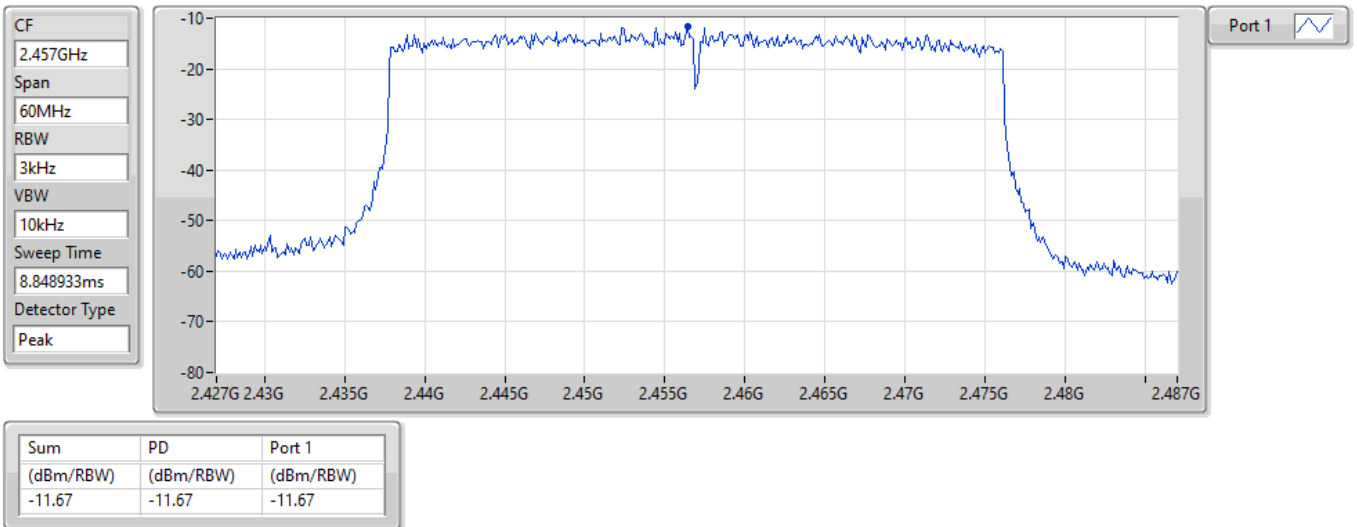


802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)

PSD

2457MHz

16/05/2022

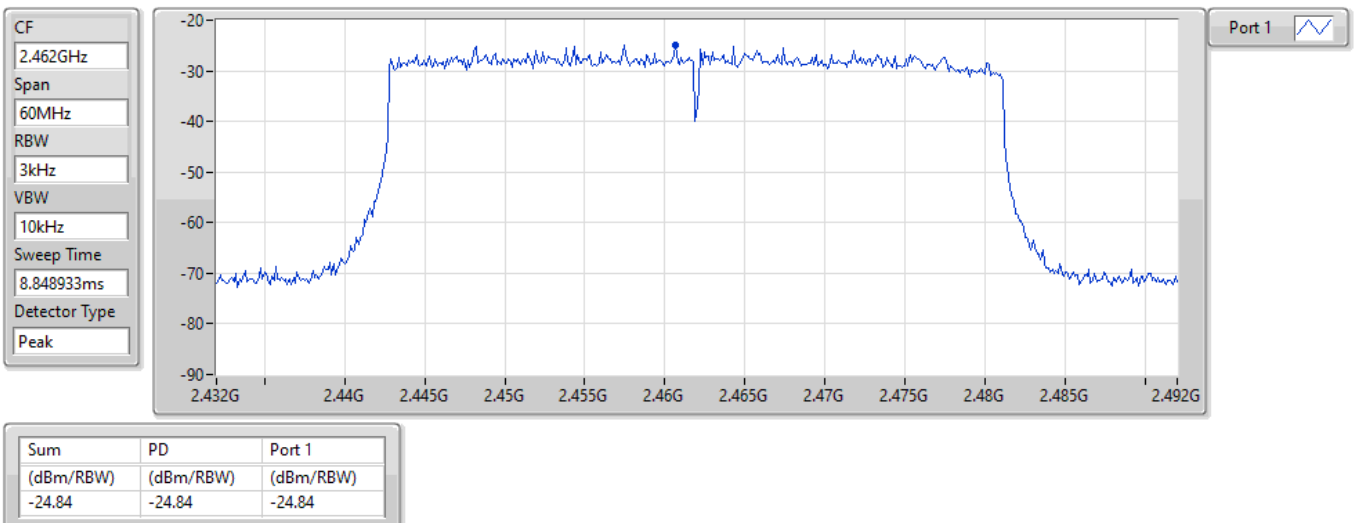


802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)

PSD

2462MHz

16/05/2022

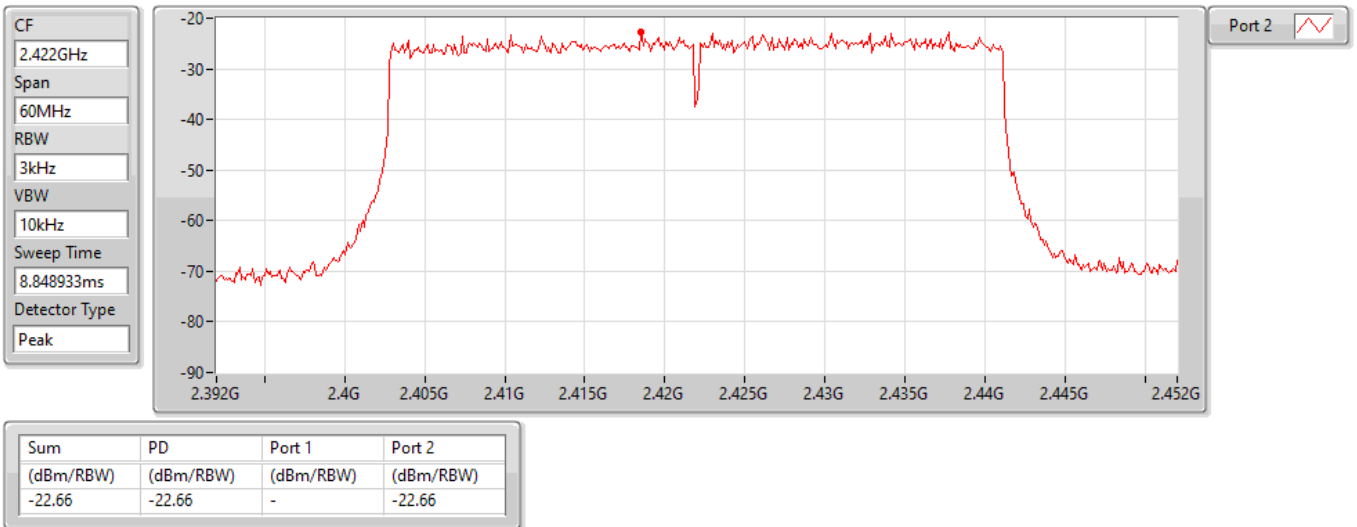


802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)

PSD

2422MHz

16/05/2022



802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)

PSD

2437MHz

16/05/2022

