



FCC Radio Test Report

FCC ID : 2AHBN-AP24
Equipment : 802.11ax WiFi6E 2+2+2 Indoor AP
Brand Name : Juniper
Model Name : AP24
Applicant : Juniper Networks, Inc.
1133 Innovation Way, Sunnyvale, CA 94089, USA
Manufacturer : Juniper Networks, Inc.
1133 Innovation Way, Sunnyvale, CA 94089, USA
Standard : 47 CFR FCC Part 15.407

The product was received on Nov. 25, 2022, and testing was started from Dec. 16, 2022 and completed on Apr. 21, 2023. 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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APPENDIX I. TEST PHOTOS

PHOTOGRAPHS OF EUT V01



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	PASS	-
3.4	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
3.6	15.407(d)	Contention-Based Protocol	PASS	-
3.7	15.407(g)	Frequency Stability	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:

The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

Reviewed by: Ryan Hsiao

Report Producer: Ann Hou



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925 ~ 7125	ax (HEW20)	5955 ~ 7095	1 ~ 229 [58]
5925 ~ 7125	ax (HEW40)	5965 ~ 7085	3 ~ 227 [29]
5925 ~ 7125	ax (HEW80)	5985 ~ 7025	7 ~ 215 [14]
5925 ~ 7125	ax (HEW160)	6025 ~ 6985	15 ~ 207 [7]

Non-Beamforming_Radio 1

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11ax HEW20	20	2TX
6.425-6.525GHz	802.11ax HEW20	20	2TX
6.525-6.875GHz	802.11ax HEW20	20	2TX
6.875-7.125GHz	802.11ax HEW20	20	2TX
5.925-6.425GHz	802.11ax HEW40	40	2TX
6.425-6.525GHz	802.11ax HEW40	40	2TX
6.525-6.875GHz	802.11ax HEW40	40	2TX
6.875-7.125GHz	802.11ax HEW40	40	2TX
5.925-6.425GHz	802.11ax HEW80	80	2TX
6.425-6.525GHz	802.11ax HEW80	80	2TX
6.525-6.875GHz	802.11ax HEW80	80	2TX
6.875-7.125GHz	802.11ax HEW80	80	2TX
5.925-6.425GHz	802.11ax HEW160	160	2TX
6.425-6.525GHz	802.11ax HEW160	160	2TX
6.525-6.875GHz	802.11ax HEW160	160	2TX
6.875-7.125GHz	802.11ax HEW160	160	2TX



Non-Beamforming_Radio 2

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11ax HEW20	20	1TX
6.425-6.525GHz	802.11ax HEW20	20	1TX
6.525-6.875GHz	802.11ax HEW20	20	1TX
6.875-7.125GHz	802.11ax HEW20	20	1TX
5.925-6.425GHz	802.11ax HEW40	40	1TX
6.425-6.525GHz	802.11ax HEW40	40	1TX
6.525-6.875GHz	802.11ax HEW40	40	1TX
6.875-7.125GHz	802.11ax HEW40	40	1TX
5.925-6.425GHz	802.11ax HEW80	80	1TX
6.425-6.525GHz	802.11ax HEW80	80	1TX
6.525-6.875GHz	802.11ax HEW80	80	1TX
6.875-7.125GHz	802.11ax HEW80	80	1TX
5.925-6.425GHz	802.11ax HEW160	160	1TX
6.425-6.525GHz	802.11ax HEW160	160	1TX
6.525-6.875GHz	802.11ax HEW160	160	1TX
6.875-7.125GHz	802.11ax HEW160	160	1TX

Beamforming_Radio 1

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11ax HEW20-BF	20	2TX
6.425-6.525GHz	802.11ax HEW20-BF	20	2TX
6.525-6.875GHz	802.11ax HEW20-BF	20	2TX
6.875-7.125GHz	802.11ax HEW20-BF	20	2TX
5.925-6.425GHz	802.11ax HEW40-BF	40	2TX
6.425-6.525GHz	802.11ax HEW40-BF	40	2TX
6.525-6.875GHz	802.11ax HEW40-BF	40	2TX
6.875-7.125GHz	802.11ax HEW40-BF	40	2TX
5.925-6.425GHz	802.11ax HEW80-BF	80	2TX
6.425-6.525GHz	802.11ax HEW80-BF	80	2TX
6.525-6.875GHz	802.11ax HEW80-BF	80	2TX
6.875-7.125GHz	802.11ax HEW80-BF	80	2TX
5.925-6.425GHz	802.11ax HEW160-BF	160	2TX
6.425-6.525GHz	802.11ax HEW160-BF	160	2TX
6.525-6.875GHz	802.11ax HEW160-BF	160	2TX
6.875-7.125GHz	802.11ax HEW160-BF	160	2TX



Note:

- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ The channel defined in the IEEE Standard P802.11ax™/D6.1.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Remark
1	Juniper	X51209900486_1	PIFA	I-PEX	Radio 1_6G
4	Juniper	X51209900486_4	PIFA	I-PEX	Radio 1_6G
5	Juniper	X51209900486_5	PIFA	I-PEX	Radio 2_6G

Ant.	Gain (dBi)							
	Radio 1				Radio 2			
	6.175G	6.475G	6.695G	6.995G	6.175G	6.475G	6.695G	6.995G
1	2.95	3.27	4.44	5.11	-	-	-	-
4	2.44	3.18	3.69	4.55	-	-	-	-
5	-	-	-	-	2.77	3.16	2.88	3.07

Composite Gain (dBi)				
	6.175G	6.475G	6.695G	6.995G
DG [1SS] Ant.1 & Ant.4	4.39	3.31	4.45	5.16

For 6GHz function:

For IEEE 802.11 a/ax mode (1TX/1RX) (Radio 2)

Ant. 5 could transmit/receive.

For IEEE 802.11 a/ax mode (2TX/2RX) (Radio 1)

Ant. 1 and Ant. 4 could transmit/receive simultaneously.



1.1.3 EUT Information

Operational Condition			
EUT Power Type	From PoE		
EUT Function	<input checked="" type="checkbox"/>	Indoor Access Point	<input type="checkbox"/> Subordinate
	<input type="checkbox"/>	Indoor Client	<input type="checkbox"/> Standard Power Access Point
	<input type="checkbox"/>	Dual Client	<input type="checkbox"/> Standard Client
	<input type="checkbox"/>	Fixed Client	
Beamforming Function	<input checked="" type="checkbox"/>	With beamforming	<input type="checkbox"/> Without beamforming
Resource Unit(802.11ax)	<input checked="" type="checkbox"/>	Full RU	<input type="checkbox"/> Partial RU
Software / Firmware Version for CBP			0.15.107
Type of EUT			
<input checked="" type="checkbox"/>	Stand-alone		
<input type="checkbox"/>	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.: ...		
<input type="checkbox"/>	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
<input type="checkbox"/>	Other:		

Note: The above information was declared by manufacturer.



1.1.4 Mode Test Duty Cycle

Non-Beamforming_Radio 1

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20_Nss1,(MCS0)_2TX	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_2TX	0.959	0.18	780.313u	3k
802.11ax HEW80_Nss1,(MCS0)_2TX	0.929	0.32	413.125u	3k
802.11ax HEW160_Nss1,(MCS0)_2TX	0.883	0.54	236.563u	10k

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

Non-Beamforming_Radio 2

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20_Nss1,(MCS0)_1TX	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_1TX	0.959	0.18	780.313u	3k
802.11ax HEW80_Nss1,(MCS0)_1TX	0.929	0.32	413.125u	3k
802.11ax HEW160_Nss1,(MCS0)_1TX	0.883	0.54	236.563u	10k

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

Beamforming_Radio 1

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.959	0.18	780.313u	3k
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.929	0.32	413.125u	3k
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	0.883	0.54	236.563u	10k

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



1.2 Applicable Standards

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

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

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

- ◆ KDB 987594 D01 v01r02
- ◆ KDB 987594 D02 v01r01
- ◆ KDB 662911 D01 v02r01
- ◆ KDB 662911 D03 v01
- ◆ KDB 412172 D01 v01r01
- ◆ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
<input checked="" type="checkbox"/>	Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)		
		TEL: 886-3-327-3456	FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Wayne	21.2~22.7°C / 52~56%	04/Jan/2023
RF Conducted	TH01-HY	Johnny	20.6~21.9°C / 48~56%	16/Dec/2022~23/Jan/2023
Radiated(Co-location) Mode 7~14	03CH03-HY	Edward	20.5~20.8°C / 58~59%	18/Apr/2023
Contention-Based Protocol	DFS01-HY	Peng	23.6~23.8°C / 53~58%	18/Apr/2023~21/Apr/2023
<input checked="" type="checkbox"/>	Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)		
		TEL: 886-3-318-0787	FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH09-HY	Lego	20.5~21.1°C / 60~66%	17/Dec/2022~21/Dec/2022
Radiated(Co-location) Mode 1~6, Mode 15~18	03CH09-HY	Henry	20.1~22.4°C / 58~68%	06/Jan/2023~18/Apr/2023



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Emission Bandwidth	1.5 MHz	Confidence levels of 95%
Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)	1.2 dB	Confidence levels of 95%
Peak Power Spectral Density (E.I.R.P.)	1.2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Contention-Based Protocol	1 ms	Confidence levels of 95%
Frequency Stability	1.18 ppm	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	AccessMTool_REL_3_2_1_3
-----------------------	-------------------------

Non-Beamforming_Radio 1

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5955MHz	48
6175MHz	48
6415MHz	48
6435MHz	51
6475MHz	51
6515MHz	50
6535MHz	46
6695MHz	47
6855MHz	50
6875MHz	49
6895MHz	46
6995MHz	44
7095MHz	52
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5965MHz	57
6165MHz	59
6405MHz	58
6445MHz	62
6485MHz	62
6525MHz	62
6565MHz	58
6685MHz	58
6845MHz	59
6885MHz	58
6925MHz	55
7005MHz	54
7085MHz	63
802.11ax HEW80_Nss1,(MCS0)_2TX	-



Mode	Power Setting
5985MHz	67
6145MHz	71
6385MHz	70
6465MHz	75
6545MHz	75
6625MHz	68
6705MHz	70
6785MHz	69
6865MHz	70
6945MHz	66
7025MHz	67
802.11ax HEW160_Nss1,(MCS0)_2TX	-
6025MHz	80
6185MHz	80
6345MHz	80
6505MHz	80
6665MHz	80
6825MHz	80
6985MHz	75

Non-Beamforming_Radio 2

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5955MHz	62
6175MHz	64
6415MHz	63
6435MHz	64
6475MHz	65
6515MHz	65
6535MHz	66
6695MHz	66
6855MHz	64
6875MHz	65
6895MHz	65
6995MHz	65
7095MHz	71



Mode	Power Setting
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5965MHz	74
6165MHz	76
6405MHz	76
6445MHz	76
6485MHz	76
6525MHz	76
6565MHz	77
6685MHz	77
6845MHz	74
6885MHz	74
6925MHz	76
7005MHz	78
7085MHz	74
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5985MHz	77
6145MHz	80
6385MHz	80
6465MHz	80
6545MHz	80
6625MHz	80
6705MHz	80
6785MHz	80
6865MHz	80
6945MHz	80
7025MHz	80
802.11ax HEW160_Nss1,(MCS0)_1TX	-
6025MHz	74
6185MHz	80
6345MHz	80
6505MHz	80
6665MHz	80
6825MHz	80
6985MHz	80



Beamforming_Radio 1

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5955MHz	48
6175MHz	48
6415MHz	48
6435MHz	51
6475MHz	51
6515MHz	50
6535MHz	46
6695MHz	47
6855MHz	50
6875MHz	49
6895MHz	46
6995MHz	44
7095MHz	52
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5965MHz	57
6165MHz	59
6405MHz	58
6445MHz	62
6485MHz	62
6525MHz	62
6565MHz	58
6685MHz	58
6845MHz	59
6885MHz	58
6925MHz	55
7005MHz	54
7085MHz	63
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5985MHz	67
6145MHz	71
6385MHz	70
6465MHz	75
6545MHz	75
6625MHz	68






Mode	Power Setting
6705MHz	70
6785MHz	69
6865MHz	70
6945MHz	66
7025MHz	67
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
6025MHz	80
6185MHz	80
6345MHz	80
6505MHz	80
6665MHz	80
6825MHz	80
6985MHz	75

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	PoE mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.) Contention Based Protocol Frequency Stability
Test Condition	Conducted measurement at transmit chains

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



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Radio 1_2.4GHz WLAN + Radio 2_2.4GHz WLAN + Radio 0_5GHz WLAN + Bluetooth
2	Radio 1_2.4GHz WLAN + Radio 2_5GHz WLAN + Radio 0_5GHz WLAN + Bluetooth
3	Radio 1_2.4GHz WLAN + Radio 2_6GHz WLAN + Radio 0_5GHz WLAN + Bluetooth
4	Radio 1_6GHz WLAN + Radio 2_2.4GHz WLAN + Radio 0_5GHz WLAN + Bluetooth
5	Radio 1_6GHz WLAN + Radio 2_5GHz WLAN + Radio 0_5GHz WLAN + Bluetooth
6	Radio 1_6GHz WLAN + Radio 2_6GHz WLAN + Radio 0_5GHz WLAN + Bluetooth
7	Radio 1_2.4GHz WLAN + Radio 2_2.4GHz WLAN + Radio 0_5GHz WLAN + Zigbee
8	Radio 1_2.4GHz WLAN + Radio 2_5GHz WLAN + Radio 0_5GHz WLAN + Zigbee
9	Radio 1_2.4GHz WLAN + Radio 2_6GHz WLAN + Radio 0_5GHz WLAN + Zigbee
10	Radio 1_6GHz WLAN + Radio 2_2.4GHz WLAN + Radio 0_5GHz WLAN + Zigbee
11	Radio 1_6GHz WLAN + Radio 2_5GHz WLAN + Radio 0_5GHz WLAN + Zigbee
12	Radio 1_6GHz WLAN + Radio 2_6GHz WLAN + Radio 0_5GHz WLAN + Zigbee
13	Radio 1_2.4GHz WLAN + Radio 2_2.4GHz WLAN + Radio 0_5GHz WLAN + thread
14	Radio 1_2.4GHz WLAN + Radio 2_5GHz WLAN + Radio 0_5GHz WLAN + thread
15	Radio 1_2.4GHz WLAN + Radio 2_6GHz WLAN + Radio 0_5GHz WLAN + thread
16	Radio 1_6GHz WLAN + Radio 2_2.4GHz WLAN + Radio 0_5GHz WLAN + thread
17	Radio 1_6GHz WLAN + Radio 2_5GHz WLAN + Radio 0_5GHz WLAN + thread
18	Radio 1_6GHz WLAN + Radio 2_6GHz WLAN + Radio 0_5GHz WLAN + thread
Refer to Sporton Test Report No.: FA2N2441 for Co-location RF Exposure Evaluation and Appendix H for Radiated Emission Co-location.	



2.3 Accessories

Accessories				
Bracket	Brand Name	JUNIPER	Model Name	APBR-U

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

2.4 Support Equipment

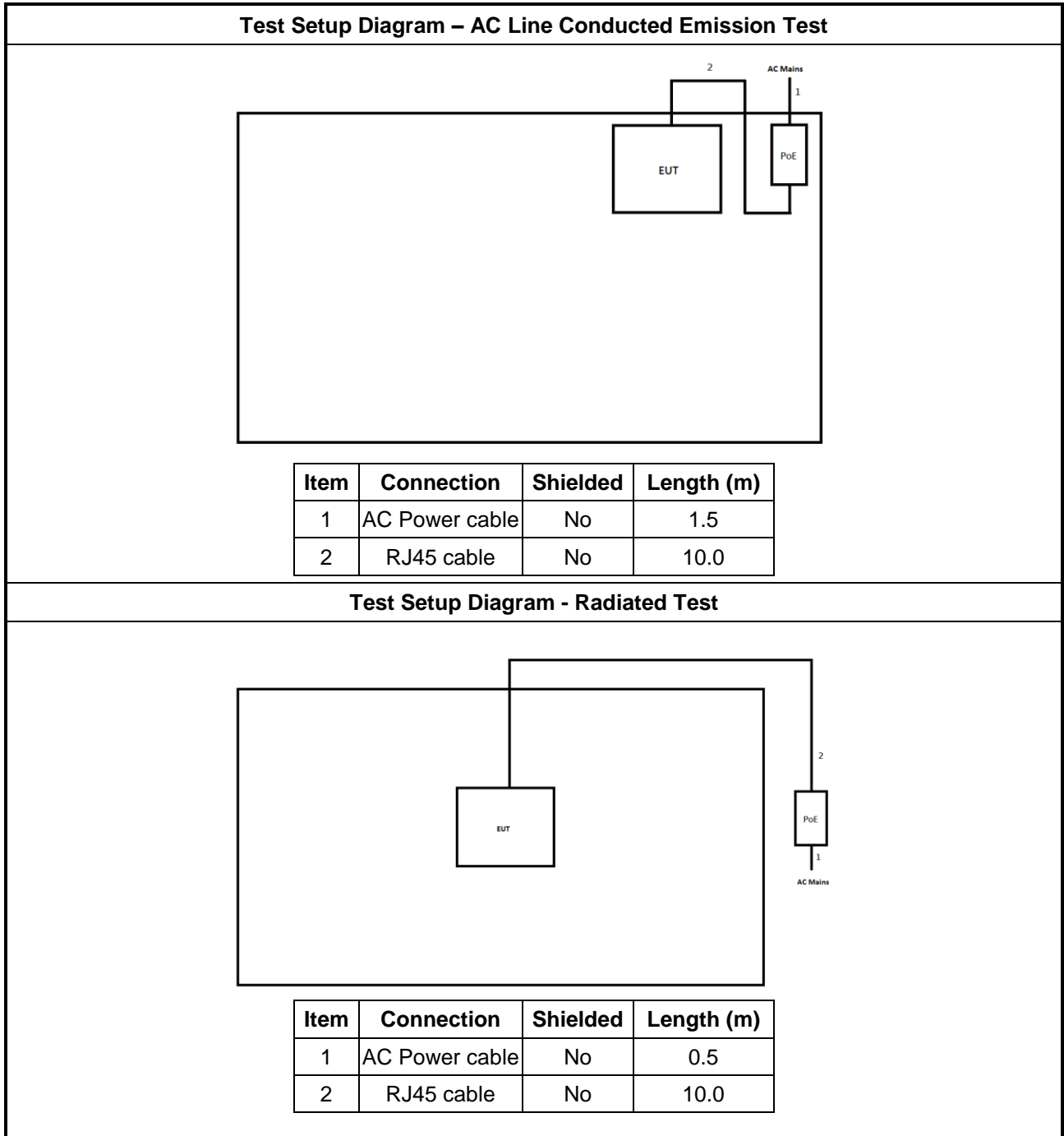
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 cable	Power sync	CAT-6E-10	-	-
2	AC Power cable	Power Sync	TPCMRN0018	-	-
3	PoE	GRT	GRT-480125A	-	-

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

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 cable	Power sync	CAT-6E-10	-	-
2	AC Power cable	I-SHENG	AC CORD 600mm	-	-
3	PoE	GRT	GRT-480125A	-	Remote

Support Equipment – Contention-Based Protocol					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Client(Slave)	HP	HSTNN-I29C	-	-
2	Notebook	DELL	Latitude E5550	-	-
3	Fixture	Sporton	Sporton	-	-
4	Hub	D-Link	DGS-3000-10TC	-	-
5	PoE	UBIQUITI	GP-J240-030G	-	-

2.5 Test Setup Diagram





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

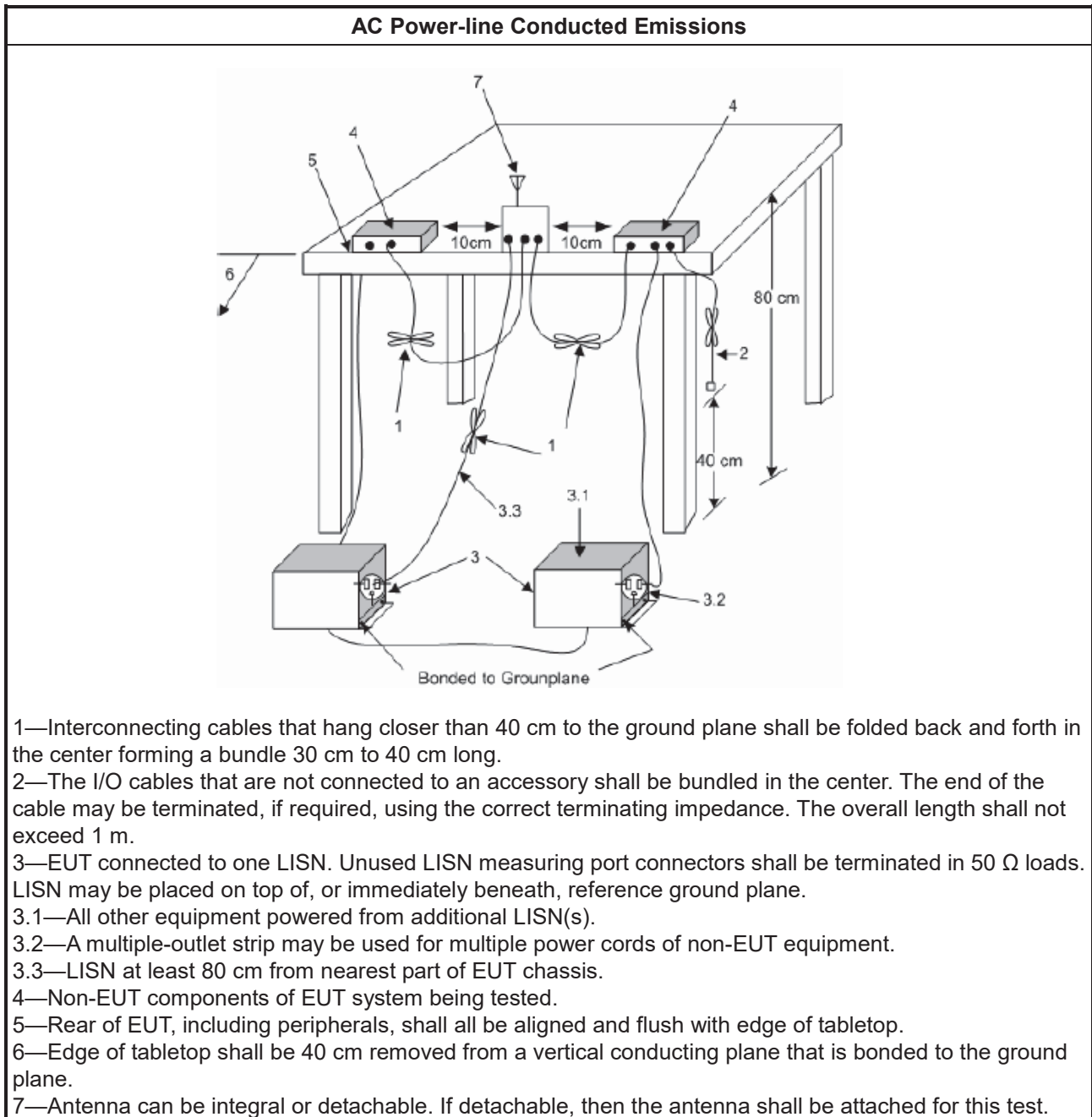
Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A



3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
<input checked="" type="checkbox"/>	For the 5925-6425 GHz band, N/A
<input checked="" type="checkbox"/>	For the 6425-6525 GHz band, N/A
<input checked="" type="checkbox"/>	For the 6525-6875 GHz band, N/A
<input checked="" type="checkbox"/>	For the 6875-7125 GHz band, N/A

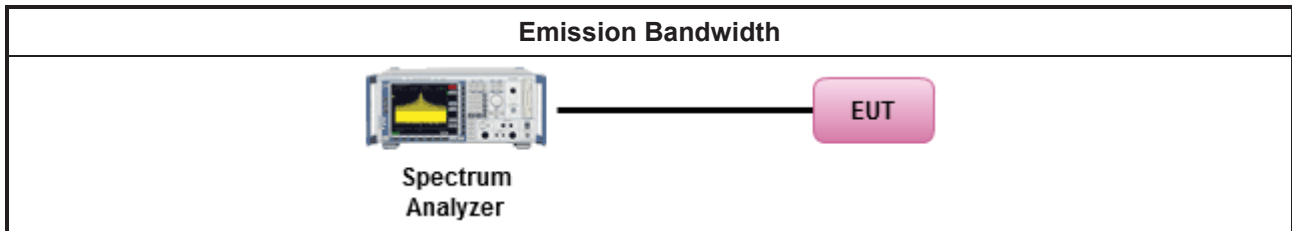
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method							
<ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px;"><input checked="" type="checkbox"/></td> <td>Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.</td> </tr> </table> 		<input checked="" type="checkbox"/>	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.	<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.	<input type="checkbox"/>	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.						
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.						
<input type="checkbox"/>	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.						

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)

3.3.1 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Limit

Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Limit	
UNII Devices	
<input checked="" type="checkbox"/> For the 5.925 ~ 6.425 GHz band:	
	<ul style="list-style-type: none"> ▪ For standard power access point and fixed client device : e.i.r.p < 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm). ▪ For indoor access point : e.i.r.p < 30 dBm. ▪ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm. ▪ For client device control of a standard power access point : e.i.r.p < 30 dBm. ▪ For client device control of an indoor access point : e.i.r.p < 24 dBm.
<input checked="" type="checkbox"/> For the 6.425 ~ 6.525 GHz band:	
	<ul style="list-style-type: none"> ▪ For indoor access point : e.i.r.p < 30 dBm. ▪ For client device control of an indoor access point : e.i.r.p < 24 dBm.
<input checked="" type="checkbox"/> For the 6.525 ~ 6.875 GHz band:	
	<ul style="list-style-type: none"> ▪ For standard power access point and fixed client device : e.i.r.p < 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm). ▪ For indoor access point : e.i.r.p < 30 dBm. ▪ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm. ▪ For client device control of a standard power access point : e.i.r.p < 30 dBm. ▪ For client device control of an indoor access point : e.i.r.p < 24 dBm.
<input checked="" type="checkbox"/> For the 6.875 ~ 7.125 GHz band:	
	<ul style="list-style-type: none"> ▪ For indoor access point : e.i.r.p < 30 dBm. ▪ For client device control of an indoor access point : e.i.r.p < 24 dBm.

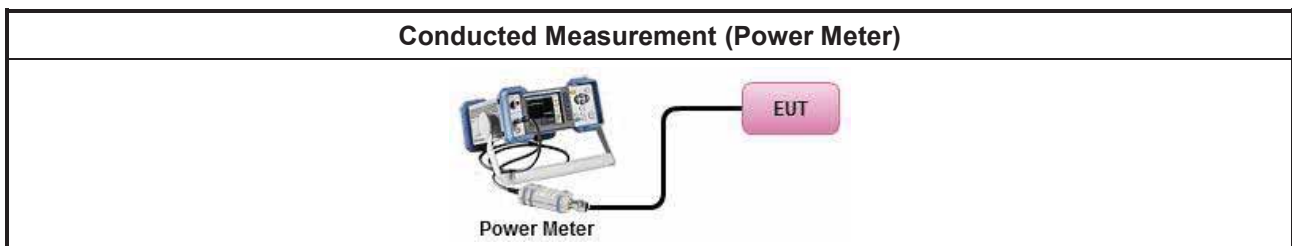
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> Maximum Output Power Setting 	
Duty cycle \geq 98%	
<input type="checkbox"/> Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).	
Duty cycle $<$ 98%	
<input checked="" type="checkbox"/> Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
Wideband RF power meter and average over on/off periods with duty factor	
<input checked="" type="checkbox"/> Refer as KDB 789033, clause E Method PM-G (using an RF average power meter).	
<input checked="" type="checkbox"/> For conducted measurement.	
<ul style="list-style-type: none"> If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them. If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$ 	
<input type="checkbox"/> For radiated measurement.	
<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. Refer as KDB 789033, clause II A.1.F "Antenna-port Conducted versus Radiated Testing" Refer as KDB 412172, clause 2.2 for EIRP calculation. 	

3.3.4 Test Setup



3.3.5 Test Result of Maximum Equivalent Isotropically Radiated Power (E.I.R.P)

Refer as Appendix C



3.4 Peak Power Spectral Density (E.I.R.P.)

3.4.1 Peak Power Spectral Density (E.I.R.P.) Limit

Peak Power Spectral Density (E.I.R.P.) Limit	
UNII Devices	
<input checked="" type="checkbox"/> For the 5.925 ~ 6.425 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz. ▪ For indoor access point : e.i.r.p PSD < 5 dBm/MHz. ▪ For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz. ▪ For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz. ▪ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
<input checked="" type="checkbox"/> For the 6.425 ~ 6.525 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ For indoor access point : e.i.r.p PSD < 5 dBm/MHz. ▪ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
<input checked="" type="checkbox"/> For the 6.525 ~ 6.875 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz. ▪ For indoor access point : e.i.r.p PSD < 5 dBm/MHz. ▪ For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz. ▪ For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz. ▪ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
<input checked="" type="checkbox"/> For the 6.875 ~ 7.125 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ For indoor access point : e.i.r.p PSD < 5 dBm/MHz. ▪ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.

3.4.2 Measuring Instruments

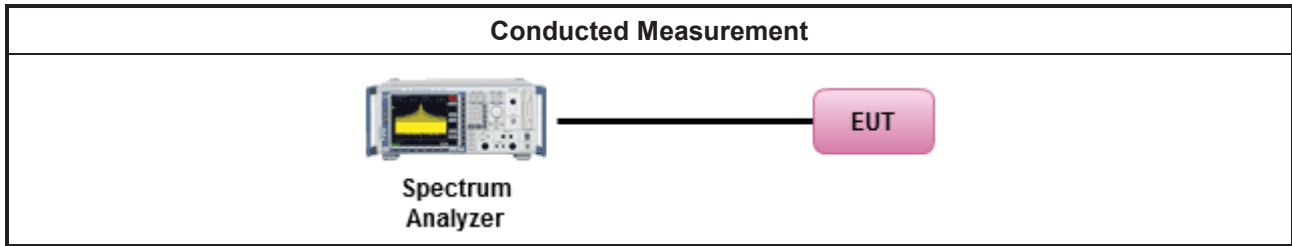
Refer a test equipment and calibration data table in this test report.



3.4.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options: 	
	<input type="checkbox"/> Refer as KDB 789033, F5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
	<input checked="" type="checkbox"/> Refer as KDB 789033, clause E Method SA-2. (spectral trace averaging)
	<input type="checkbox"/> Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
<input checked="" type="checkbox"/> For conducted measurement.	
<ul style="list-style-type: none"> ▪ If the EUT supports multiple transmit chains using options given below: 	
	<input checked="" type="checkbox"/> Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
	<input checked="" type="checkbox"/> Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
	<input checked="" type="checkbox"/> Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
	<ul style="list-style-type: none"> ▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$
<input type="checkbox"/> For radiated measurement.	
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	<ul style="list-style-type: none"> ▪ Refer as KDB 789033, clause II A.1.F "Antenna-port Conducted versus Radiated Testing"

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density (E.I.R.P.)

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m($20 \times \log(\text{standard distance}/ \text{test distance}) = 20\log(3/1) = 9.54\text{dB}$).
 EX. Above 18GHz emission limit calculation (3m to 1m) = $54\text{dBuV/m at 3m} + 9.54\text{dB} = 63.54 \text{ dBuV/m at 1m}$.



Un-restricted band emissions above 1GHz Limit	
Frequency	Limit
Any outside the 5.945 – 7.125 GHz emission	<p>e.i.r.p. -27 dBm [68.2 dBuV/m@3m]</p> <p>Note 1: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$).</p> <p>EX. Above 18GHz emission limit calculation (3m to 1m) = 68.2dBuV/m at 3m + 9.54dB = 77.74 dBuV/m at 1m.</p>
Frequency	Emission MASK Limit
5.945 – 7.125 GHz	<p>Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.</p> <div style="text-align: center;"> </div>



3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements). 	
<ul style="list-style-type: none"> ▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor]. 	
<ul style="list-style-type: none"> ▪ For the transmitter unwanted emissions shall be measured using following options below: 	
	<ul style="list-style-type: none"> ▪ Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	<ul style="list-style-type: none"> ▪ Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	<input checked="" type="checkbox"/> Refer as KDB 789033, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
	<input type="checkbox"/> Refer as KDB 789033, G)6) Method VB (Reduced VBW).
	<input checked="" type="checkbox"/> Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.(For restricted band average measurement)
	<input type="checkbox"/> Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	<input checked="" type="checkbox"/> Refer as KDB 789033, clause G)5) measurement procedure peak limit.
	<input type="checkbox"/> Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
	<input checked="" type="checkbox"/> Refer as KDB 789033, clause G)3)d)iii) for Band edge Integration measurements.
<ul style="list-style-type: none"> ▪ For emission MASK shall be measured using following options below: 	
	<input checked="" type="checkbox"/> Refer as KDB 987594 D02, J) In-Band Emissions
<ul style="list-style-type: none"> ▪ For radiated measurement. 	
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
<ul style="list-style-type: none"> ▪ The any unwanted emissions level shall not exceed the fundamental emission level. 	
<ul style="list-style-type: none"> ▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported. 	
<ul style="list-style-type: none"> ▪ Use the following spectrum analyzer settings: 	
	<ul style="list-style-type: none"> ▪ Set RBW=100 kHz for f < 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	<ul style="list-style-type: none"> ▪ Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4.
<ul style="list-style-type: none"> ▪ KDB 414788 Open-Field Test Sites and Chamber Correlation Justification. 	

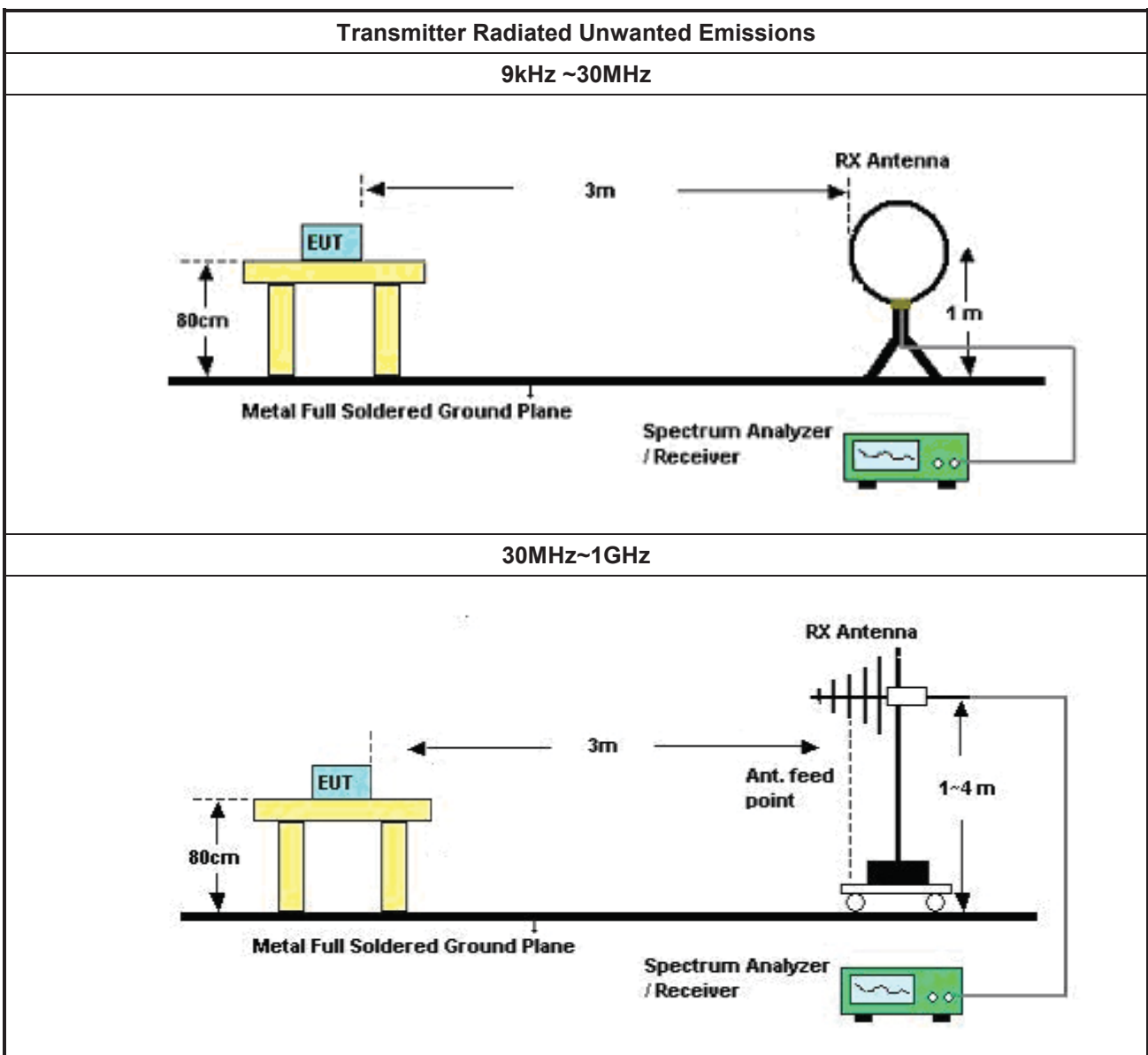
Test Method	
	<ul style="list-style-type: none"> Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	<ul style="list-style-type: none"> Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

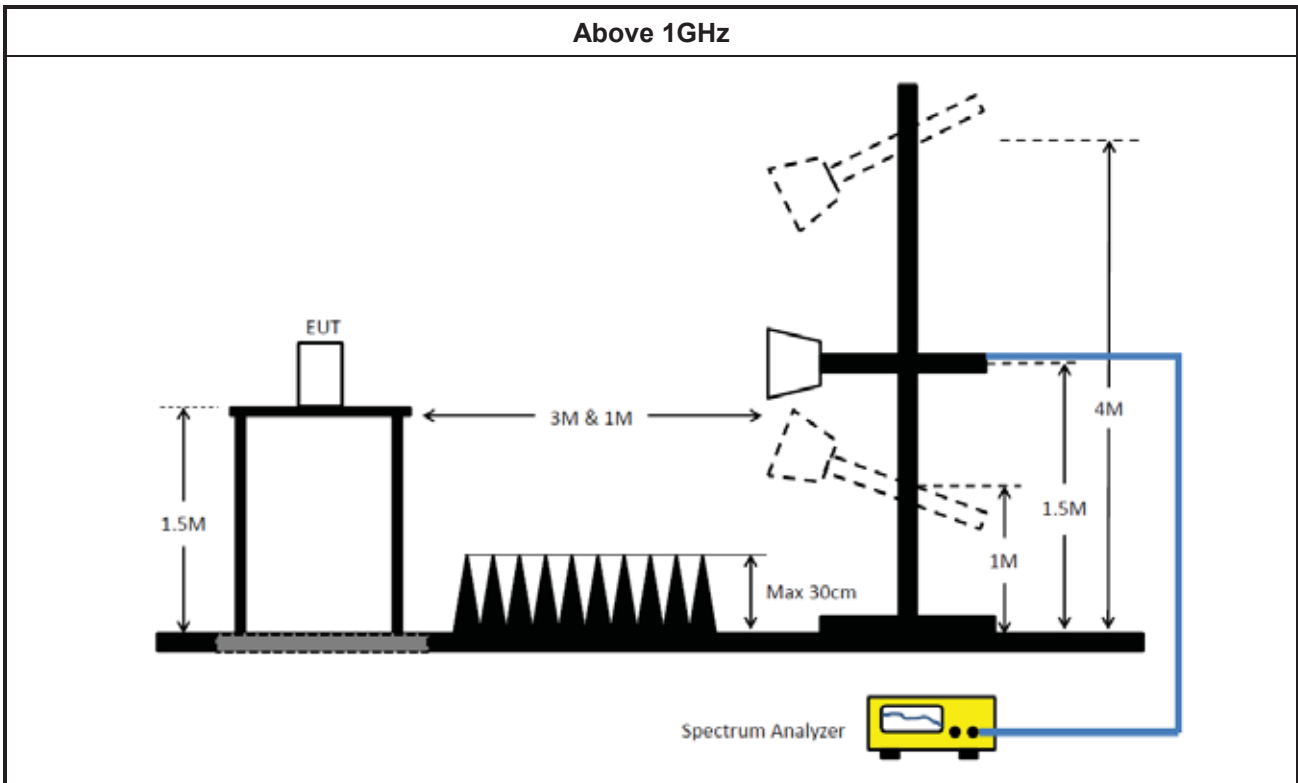
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Contention Based Protocol

3.6.1 Contention Based Protocol Limit

EUT can detect an AWGN signal with 90% (or better) level of certainty.

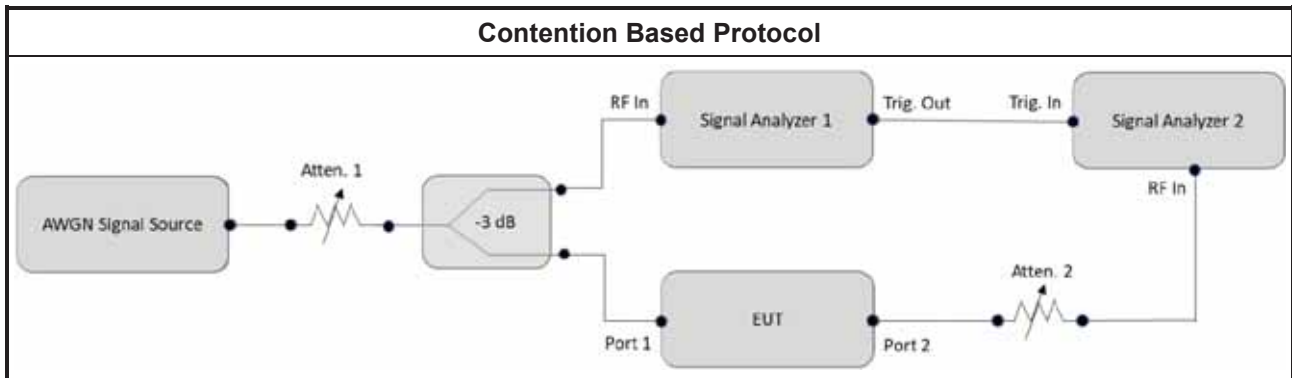
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method	
<input type="checkbox"/>	For Contention Based Protocol shall be measured using following options below:
<input checked="" type="checkbox"/>	Refer as KDB 987594 D02, I) Contention Based Protocol.

3.6.4 Test Setup



3.6.5 Test Result of Contention Based Protocol

Refer as Appendix F

3.7 Frequency Stability

3.7.1 Frequency Stability Limit

Frequency Stability Limit	
▪	In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

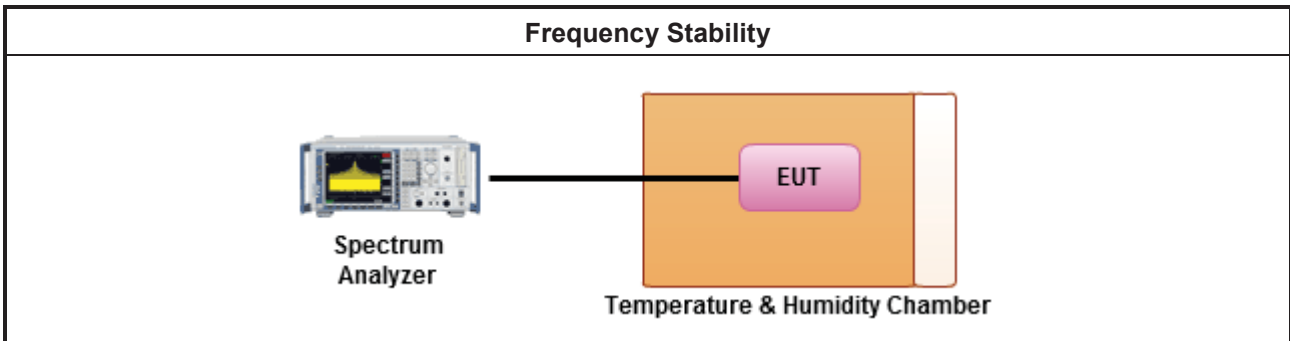
3.7.2 Measuring Instruments

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

3.7.3 Test Procedures

Test Method	
▪	Refer as ANSI C63.10, clause 6.8 for frequency stability tests
▪	Frequency stability with respect to ambient temperature
▪	Frequency stability when varying supply voltage
▪	Extreme temperature is -30°C~50°C.

3.7.4 Test Setup



3.7.5 Test Result of Frequency Stability

Refer as Appendix G



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	ESR	102051	9kHz ~ 3.6GHz	13/May/2022	12/May/2023
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	18/Feb/2022	17/Feb/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	25/Oct/2022	24/Oct/2023
Software	Sporton	SENSE-EMI	V5.10.8.7	-	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	101013	10Hz~40GHz	01/Apr/2022	31/Mar/2023
Programmable Temp. & Humi. Chamber	Giant Force	GTH-225-20-SP -SD	MAA1112-007	-20~100°C	19/May/2022	18/May/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2022	20/Oct/2023
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
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	14/Dec/2022	13/Dec/2023
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	14/Dec/2022	13/Dec/2023
SENSE-15407_NII	Sporton	V5.10.8.9	N/A	N/A	N/A	N/A

Instrument for Contention-Based Protocol Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	17/Mar/2023	16/Mar/2024
Vector Signal Generator	R&S	SMW200A	111529	100kHz~7.5GHz	20/Mar/2023	19/Mar/2024
DFS-Adaptivity	Sporton	Ver 2.7	N/A	N/A	N/A	N/A
Adaptivity Analysis-5G	Sporton	Ver 2.8	N/A	N/A	N/A	N/A



Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	25/Mar/2022	24/Mar/2023
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2022	10/Aug/2023
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	08/Apr/2022	07/Apr/2023
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	22/Jul/2022	21/Jul/2023
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	28/Aug/2022	27/Aug/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	27/Dec/2021	26/Dec/2022
RF Cable-low	Jye Bao	RG142	03CH09-cable-01	9kHz~30MHz	09/Dec/2022	08/Dec/2023
RF Cable-low	Jye Bao	RG142	03CH09-cable-01	30MHz~1GHz	09/Dec/2022	08/Dec/2023
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	17/Aug/2022	16/Aug/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	13/May/2022	12/May/2023
SENSE-15407-NII	Sporton	NA	5.10.8.9	NA	NA	NA

Instrument for Radiated Test (Co-location_ 03CH03-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	02/Aug/2022	01/Aug/2023
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	26/Oct/2022	25/Oct/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz ~18GHz	27/Sep/2022	26/Sep/2023
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	03CH03-cable-01	1GHz~40GHz	27/Jul/2022	26/Jul/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	25/Mar/2023	24/Mar/2024
Microwave Premplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	14/Jul/2022	13/Jul/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	30/May/2022	29/May/2023
SENSE-15407	Sporton	5.10.8.7	NA	NA	NA	NA

**Instrument for Radiated Test (Co-location_03CH09-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	14/Mar/2023	13/Mar/2024
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2022	10/Aug/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1534	1GHz~18GHz	16/Mar/2022	15/Mar/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	30/Dec/2022	29/Dec/2023
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	22/Jul/2022	21/Jul/2023
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	17/Aug/2022	16/Aug/2023
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	21/Feb/2023	20/Feb/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	08/Mar/2022	07/Mar/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	25/Mar/2023	24/Mar/2024
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	16/Mar/2023	15/Mar/2024
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	13/May/2022	12/May/2023
SENSE-15407	Sporton	NA	5.10.8.7	NA	NA	NA



Summary

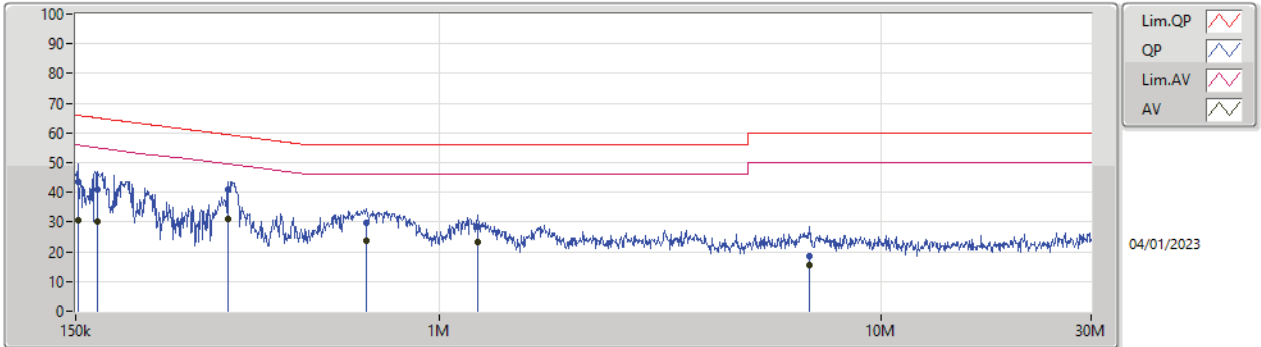
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	337.314k	43.07	59.27	-16.20	Neutral



Result

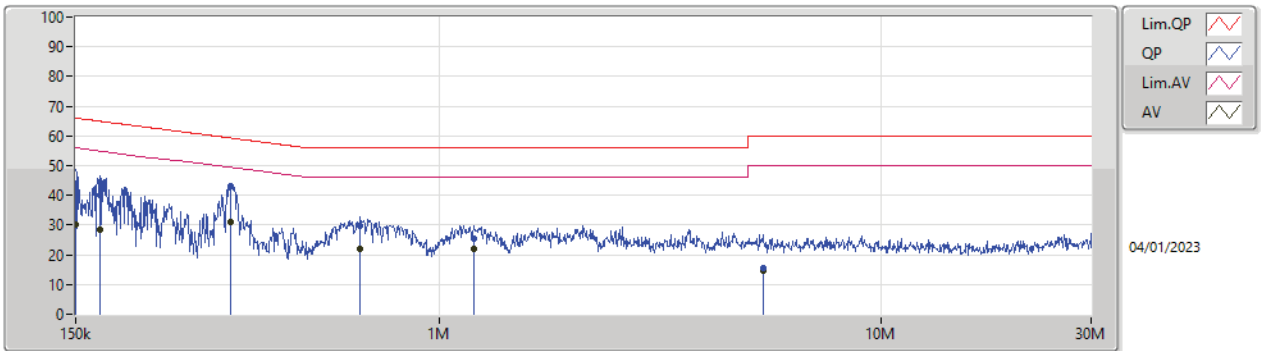
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	151.807k	43.46	65.90	-22.44	Line	-
Mode 1	Pass	AV	151.807k	30.74	55.90	-25.16	Line	-
Mode 1	Pass	QP	168.41k	40.89	65.04	-24.15	Line	-
Mode 1	Pass	AV	168.41k	30.26	55.04	-24.78	Line	-
Mode 1	Pass	QP	333.299k	40.80	59.37	-18.57	Line	-
Mode 1	Pass	AV	333.299k	31.15	49.37	-18.22	Line	-
Mode 1	Pass	QP	683.758k	29.56	56.00	-26.44	Line	-
Mode 1	Pass	AV	683.758k	23.89	46.00	-22.11	Line	-
Mode 1	Pass	QP	1.22M	28.47	56.00	-27.53	Line	-
Mode 1	Pass	AV	1.22M	23.23	46.00	-22.77	Line	-
Mode 1	Pass	QP	6.898M	18.63	60.00	-41.37	Line	-
Mode 1	Pass	AV	6.898M	15.39	50.00	-34.61	Line	-
Mode 1	Pass	QP	150k	44.00	66.00	-22.00	Neutral	-
Mode 1	Pass	AV	150k	30.38	56.00	-25.62	Neutral	-
Mode 1	Pass	QP	170.439k	40.18	64.93	-24.75	Neutral	-
Mode 1	Pass	AV	170.439k	28.57	54.93	-26.36	Neutral	-
Mode 1	Pass	QP	337.314k	43.07	59.27	-16.20	Neutral	-
Mode 1	Pass	AV	337.314k	31.03	49.27	-18.24	Neutral	-
Mode 1	Pass	QP	662.266k	29.90	56.00	-26.10	Neutral	-
Mode 1	Pass	AV	662.266k	21.97	46.00	-24.03	Neutral	-
Mode 1	Pass	QP	1.2M	25.27	56.00	-30.73	Neutral	-
Mode 1	Pass	AV	1.2M	21.84	46.00	-24.16	Neutral	-
Mode 1	Pass	QP	5.407M	15.69	60.00	-44.31	Neutral	-
Mode 1	Pass	AV	5.407M	14.68	50.00	-35.32	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	151.807k	43.46	65.90	-22.44	19.65	Line	-	23.81	9.69	0.03	9.93
AV	151.807k	30.74	55.90	-25.16	19.65	Line	-	11.09	9.69	0.03	9.93
QP	168.41k	40.89	65.04	-24.15	19.65	Line	-	21.24	9.69	0.03	9.93
AV	168.41k	30.26	55.04	-24.78	19.65	Line	-	10.61	9.69	0.03	9.93
QP	333.299k	40.80	59.37	-18.57	19.67	Line	-	21.13	9.68	0.04	9.95
AV	333.299k	31.15	49.37	-18.22	19.67	Line	-	11.48	9.68	0.04	9.95
QP	683.758k	29.56	56.00	-26.44	19.68	Line	-	9.88	9.68	0.05	9.95
AV	683.758k	23.89	46.00	-22.11	19.68	Line	-	4.21	9.68	0.05	9.95
QP	1.22M	28.47	56.00	-27.53	19.69	Line	-	8.78	9.69	0.06	9.94
AV	1.22M	23.23	46.00	-22.77	19.69	Line	-	3.54	9.69	0.06	9.94
QP	6.898M	18.63	60.00	-41.37	19.88	Line	-	-1.25	9.77	0.16	9.95
AV	6.898M	15.39	50.00	-34.61	19.88	Line	-	-4.49	9.77	0.16	9.95

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	150k	44.00	66.00	-22.00	19.69	Neutral	-	24.31	9.73	0.03	9.93
AV	150k	30.38	56.00	-25.62	19.69	Neutral	-	10.69	9.73	0.03	9.93
QP	170.439k	40.18	64.93	-24.75	19.69	Neutral	-	20.49	9.73	0.03	9.93
AV	170.439k	28.57	54.93	-26.36	19.69	Neutral	-	8.88	9.73	0.03	9.93
QP	337.314k	43.07	59.27	-16.20	19.71	Neutral	-	23.36	9.72	0.04	9.95
AV	337.314k	31.03	49.27	-18.24	19.71	Neutral	-	11.32	9.72	0.04	9.95
QP	662.266k	29.90	56.00	-26.10	19.73	Neutral	-	10.17	9.73	0.05	9.95
AV	662.266k	21.97	46.00	-24.03	19.73	Neutral	-	2.24	9.73	0.05	9.95
QP	1.2M	25.27	56.00	-30.73	19.73	Neutral	-	5.54	9.73	0.06	9.94
AV	1.2M	21.84	46.00	-24.16	19.73	Neutral	-	2.11	9.73	0.06	9.94
QP	5.407M	15.69	60.00	-44.31	19.89	Neutral	-	-4.20	9.80	0.15	9.94
AV	5.407M	14.68	50.00	-35.32	19.89	Neutral	-	-5.21	9.80	0.15	9.94



Summary

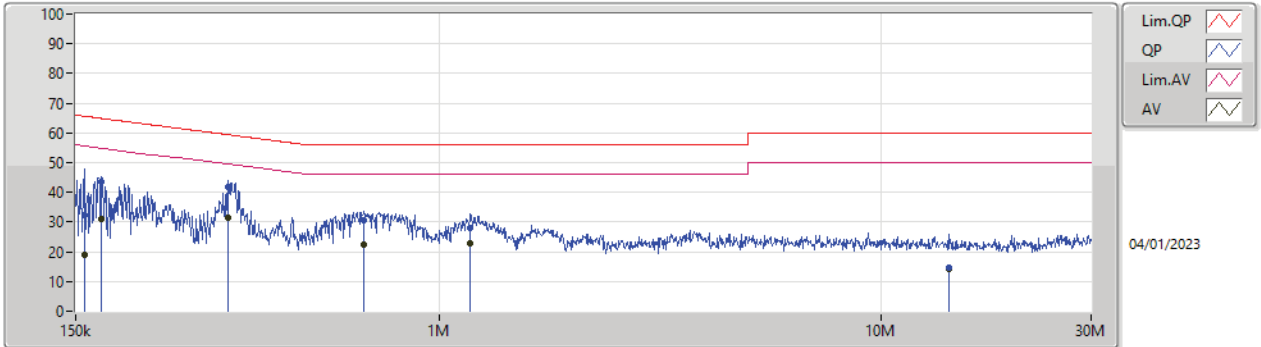
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	337.314k	35.00	49.27	-14.27	Neutral



Result

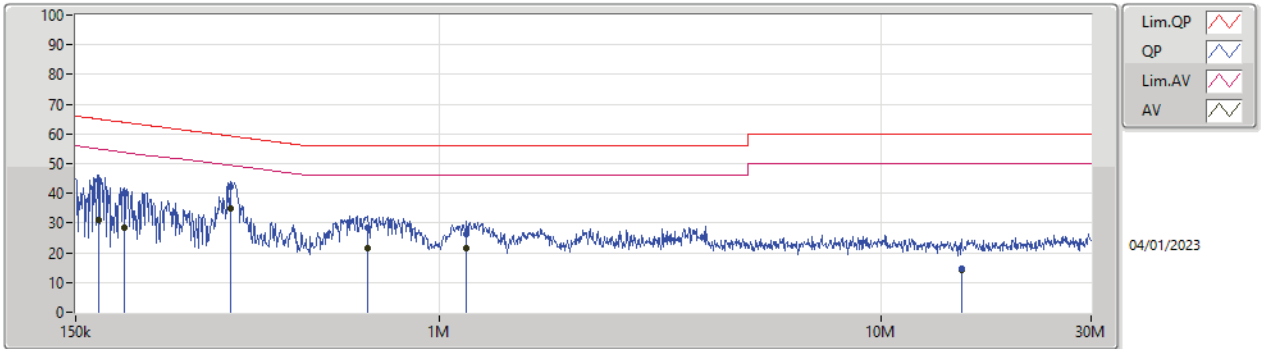
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	156.734k	32.36	65.64	-33.28	Line	-
Mode 1	Pass	AV	156.734k	19.17	55.64	-36.47	Line	-
Mode 1	Pass	QP	171.806k	43.43	64.87	-21.44	Line	-
Mode 1	Pass	AV	171.806k	31.08	54.87	-23.79	Line	-
Mode 1	Pass	QP	333.299k	41.83	59.37	-17.54	Line	-
Mode 1	Pass	AV	333.299k	31.59	49.37	-17.78	Line	-
Mode 1	Pass	QP	675.618k	30.59	56.00	-25.41	Line	-
Mode 1	Pass	AV	675.618k	22.50	46.00	-23.50	Line	-
Mode 1	Pass	QP	1.177M	28.05	56.00	-27.95	Line	-
Mode 1	Pass	AV	1.177M	22.86	46.00	-23.14	Line	-
Mode 1	Pass	QP	14.265M	14.78	60.00	-45.22	Line	-
Mode 1	Pass	AV	14.265M	14.13	50.00	-35.87	Line	-
Mode 1	Pass	QP	169.084k	44.26	65.01	-20.75	Neutral	-
Mode 1	Pass	AV	169.084k	30.91	55.01	-24.10	Neutral	-
Mode 1	Pass	QP	193.664k	39.91	63.88	-23.97	Neutral	-
Mode 1	Pass	AV	193.664k	28.45	53.88	-25.43	Neutral	-
Mode 1	Pass	QP	337.314k	42.39	59.27	-16.88	Neutral	-
Mode 1	Pass	AV	337.314k	35.00	49.27	-14.27	Neutral	-
Mode 1	Pass	QP	689.239k	28.64	56.00	-27.36	Neutral	-
Mode 1	Pass	AV	689.239k	21.59	46.00	-24.41	Neutral	-
Mode 1	Pass	QP	1.154M	26.16	56.00	-29.84	Neutral	-
Mode 1	Pass	AV	1.154M	21.57	46.00	-24.43	Neutral	-
Mode 1	Pass	QP	15.266M	14.76	60.00	-45.24	Neutral	-
Mode 1	Pass	AV	15.266M	14.11	50.00	-35.89	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	156.734k	32.36	65.64	-33.28	19.65	Line	-	12.71	9.69	0.03	9.93
AV	156.734k	19.17	55.64	-36.47	19.65	Line	-	-0.48	9.69	0.03	9.93
QP	171.806k	43.43	64.87	-21.44	19.65	Line	-	23.78	9.69	0.03	9.93
AV	171.806k	31.08	54.87	-23.79	19.65	Line	-	11.43	9.69	0.03	9.93
QP	333.299k	41.83	59.37	-17.54	19.67	Line	-	22.16	9.68	0.04	9.95
AV	333.299k	31.59	49.37	-17.78	19.67	Line	-	11.92	9.68	0.04	9.95
QP	675.618k	30.59	56.00	-25.41	19.68	Line	-	10.91	9.68	0.05	9.95
AV	675.618k	22.50	46.00	-23.50	19.68	Line	-	2.82	9.68	0.05	9.95
QP	1.177M	28.05	56.00	-27.95	19.68	Line	-	8.37	9.68	0.06	9.94
AV	1.177M	22.86	46.00	-23.14	19.68	Line	-	3.18	9.68	0.06	9.94
QP	14.265M	14.78	60.00	-45.22	20.00	Line	-	-5.22	9.80	0.23	9.97
AV	14.265M	14.13	50.00	-35.87	20.00	Line	-	-5.87	9.80	0.23	9.97

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	169.084k	44.26	65.01	-20.75	19.69	Neutral	-	24.57	9.73	0.03	9.93
AV	169.084k	30.91	55.01	-24.10	19.69	Neutral	-	11.22	9.73	0.03	9.93
QP	193.664k	39.91	63.88	-23.97	19.68	Neutral	-	20.23	9.72	0.03	9.93
AV	193.664k	28.45	53.88	-25.43	19.68	Neutral	-	8.77	9.72	0.03	9.93
QP	337.314k	42.39	59.27	-16.88	19.71	Neutral	-	22.68	9.72	0.04	9.95
AV	337.314k	35.00	49.27	-14.27	19.71	Neutral	-	15.29	9.72	0.04	9.95
QP	689.239k	28.64	56.00	-27.36	19.73	Neutral	-	8.91	9.73	0.05	9.95
AV	689.239k	21.59	46.00	-24.41	19.73	Neutral	-	1.86	9.73	0.05	9.95
QP	1.154M	26.16	56.00	-29.84	19.73	Neutral	-	6.43	9.73	0.06	9.94
AV	1.154M	21.57	46.00	-24.43	19.73	Neutral	-	1.84	9.73	0.06	9.94
QP	15.266M	14.76	60.00	-45.24	20.16	Neutral	-	-5.40	9.95	0.24	9.97
AV	15.266M	14.11	50.00	-35.89	20.16	Neutral	-	-6.05	9.95	0.24	9.97



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	21.89M	19.065M	19M1D1D	21.12M	18.991M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.15M	37.531M	37M5D1D	39.93M	37.481M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.62M	76.862M	76M9D1D	81.18M	76.562M
802.11ax HEW160_Nss1,(MCS0)_2TX	270.6M	156.722M	157MD1D	163.68M	155.522M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	21.835M	19.04M	19MOD1D	21.505M	19.015M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.15M	37.531M	37M5D1D	39.6M	37.481M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.84M	76.862M	76M9D1D	81.4M	76.862M
802.11ax HEW160_Nss1,(MCS0)_2TX	164.12M	155.922M	156MD1D	164.12M	155.922M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	21.67M	19.065M	19M1D1D	21.505M	19.015M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.15M	37.581M	37M6D1D	39.82M	37.481M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.84M	76.862M	76M9D1D	81.4M	76.762M
802.11ax HEW160_Nss1,(MCS0)_2TX	270.6M	156.322M	156MD1D	161.92M	154.123M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	21.67M	19.065M	19M1D1D	21.45M	18.991M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.15M	37.581M	37M6D1D	39.82M	37.481M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.84M	76.962M	77MOD1D	81.62M	76.862M
802.11ax HEW160_Nss1,(MCS0)_2TX	164.12M	155.322M	155MD1D	163.24M	155.122M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5935MHz	Pass	Inf	21.395M	18.991M	21.12M	19.065M
5955MHz	Pass	Inf	21.835M	19.015M	21.56M	19.04M
6175MHz	Pass	Inf	21.89M	19.015M	21.615M	19.04M
6415MHz	Pass	Inf	21.725M	19.015M	21.78M	19.04M
6435MHz	Pass	Inf	21.725M	19.015M	21.615M	19.015M
6475MHz	Pass	Inf	21.615M	19.015M	21.56M	19.04M
6515MHz	Pass	Inf	21.835M	19.015M	21.505M	19.04M
6535MHz	Pass	Inf	21.615M	19.015M	21.56M	19.015M
6695MHz	Pass	Inf	21.615M	19.015M	21.615M	19.04M
6855MHz	Pass	Inf	21.505M	19.015M	21.56M	19.065M
6875MHz	Pass	Inf	21.67M	19.015M	21.67M	19.04M
6895MHz	Pass	Inf	21.615M	18.991M	21.615M	19.04M
6995MHz	Pass	Inf	21.56M	18.991M	21.56M	19.015M
7095MHz	Pass	Inf	21.67M	19.04M	21.505M	19.065M
7115MHz	Pass	Inf	21.45M	19.015M	21.45M	19.065M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	40.04M	37.481M	39.93M	37.481M
6165MHz	Pass	Inf	39.93M	37.531M	39.93M	37.531M
6405MHz	Pass	Inf	40.15M	37.531M	39.93M	37.481M
6445MHz	Pass	Inf	40.15M	37.531M	39.93M	37.531M
6485MHz	Pass	Inf	40.04M	37.481M	40.04M	37.481M
6525MHz	Pass	Inf	39.93M	37.481M	39.6M	37.481M
6565MHz	Pass	Inf	40.04M	37.531M	39.82M	37.481M
6685MHz	Pass	Inf	40.15M	37.581M	39.82M	37.481M
6845MHz	Pass	Inf	40.15M	37.481M	39.82M	37.531M
6885MHz	Pass	Inf	40.04M	37.531M	39.82M	37.481M
6925MHz	Pass	Inf	40.15M	37.581M	39.82M	37.531M
7005MHz	Pass	Inf	39.93M	37.531M	39.82M	37.481M
7085MHz	Pass	Inf	40.15M	37.531M	39.93M	37.531M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	81.4M	76.562M	81.62M	76.662M
6145MHz	Pass	Inf	81.62M	76.762M	81.18M	76.762M
6385MHz	Pass	Inf	81.62M	76.862M	81.18M	76.762M
6465MHz	Pass	Inf	81.62M	76.862M	81.84M	76.862M
6545MHz	Pass	Inf	81.62M	76.862M	81.4M	76.862M
6625MHz	Pass	Inf	81.62M	76.762M	81.4M	76.762M
6705MHz	Pass	Inf	81.62M	76.762M	81.4M	76.862M
6785MHz	Pass	Inf	81.62M	76.862M	81.62M	76.862M
6865MHz	Pass	Inf	81.84M	76.862M	81.4M	76.862M
6945MHz	Pass	Inf	81.84M	76.962M	81.84M	76.962M
7025MHz	Pass	Inf	81.62M	76.862M	81.62M	76.962M
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	270.6M	156.722M	266.2M	156.522M
6185MHz	Pass	Inf	164.56M	155.522M	164.12M	155.522M
6345MHz	Pass	Inf	164.56M	156.122M	163.68M	155.722M
6505MHz	Pass	Inf	164.12M	155.922M	164.12M	155.922M
6665MHz	Pass	Inf	161.92M	154.123M	270.6M	155.922M
6825MHz	Pass	Inf	266.2M	156.322M	217.8M	155.722M
6985MHz	Pass	Inf	164.12M	155.122M	163.24M	155.322M

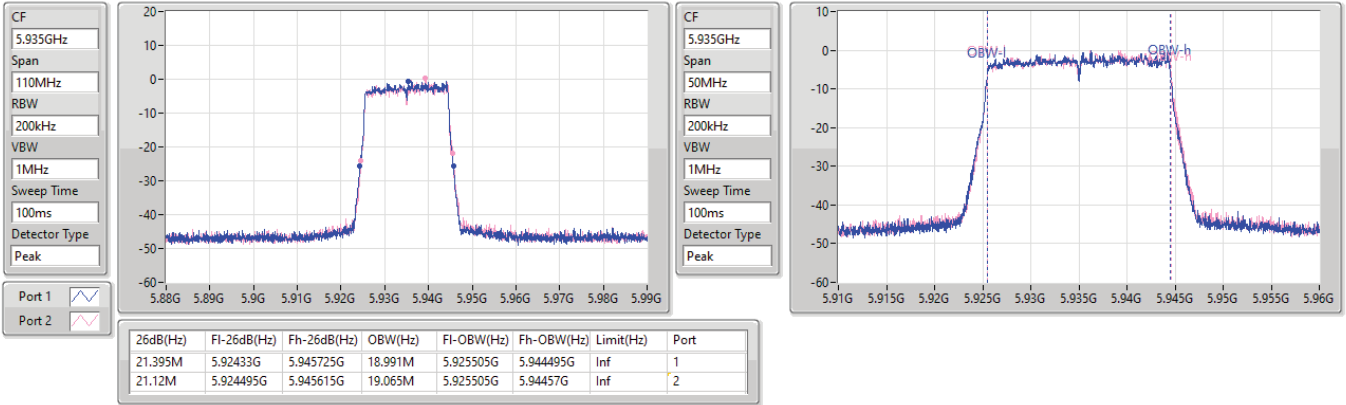
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5935MHz

21/02/2023

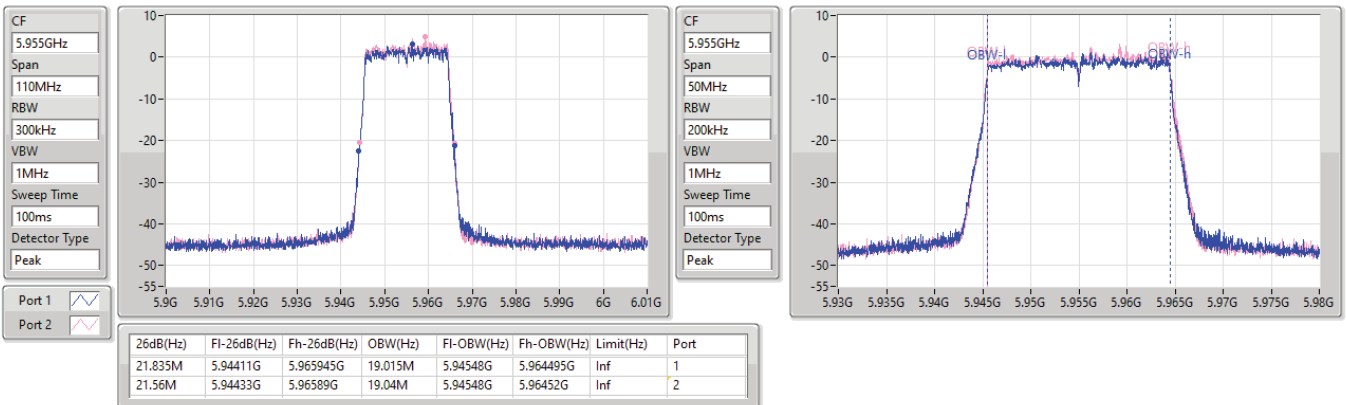


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5955MHz

16/12/2022

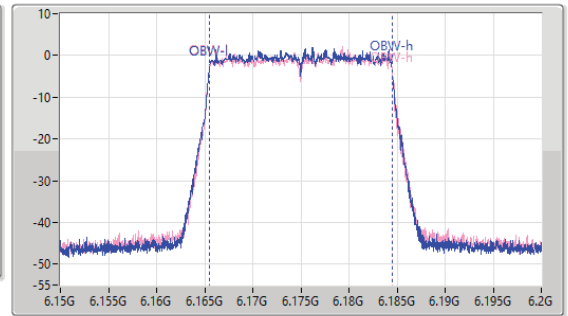
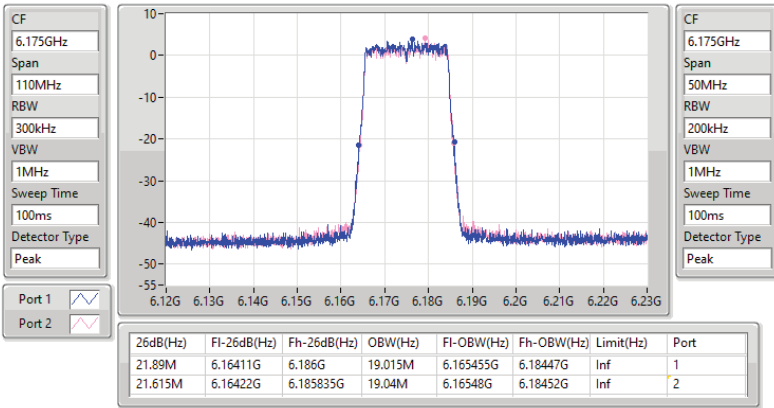


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6175MHz

16/12/2022

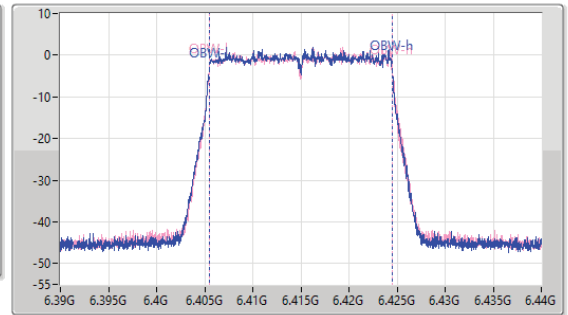
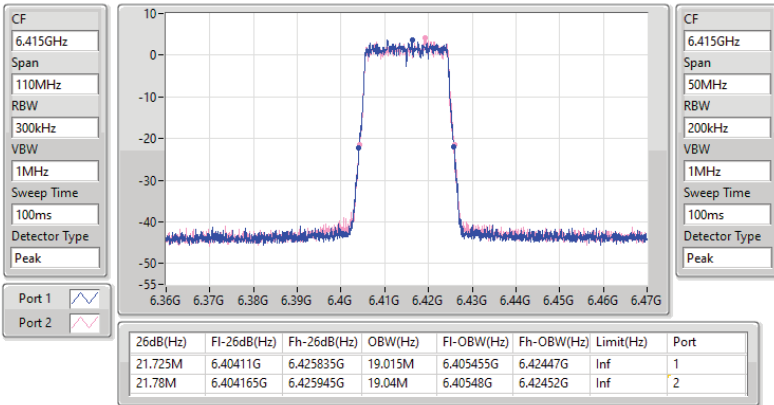


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6415MHz

16/12/2022

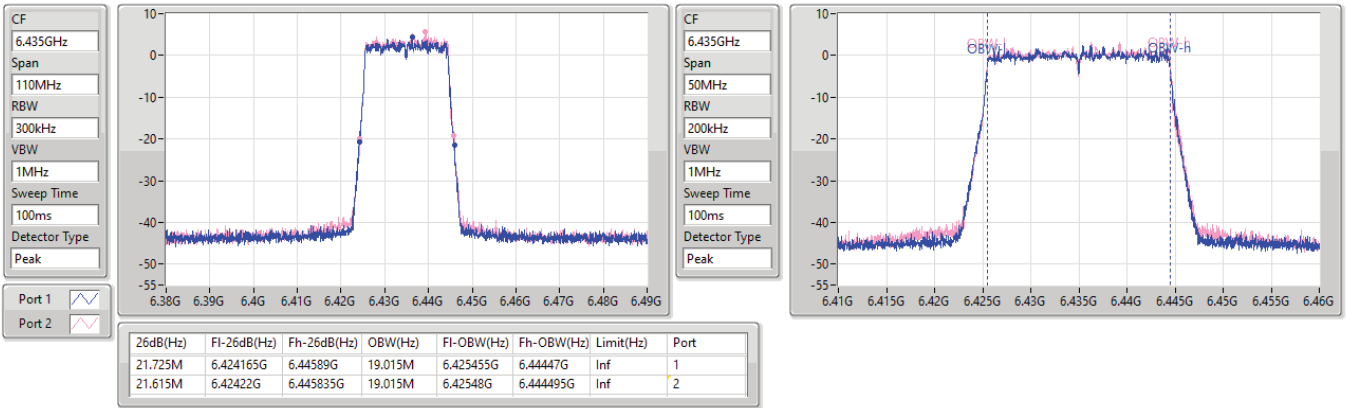


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6435MHz

16/12/2022

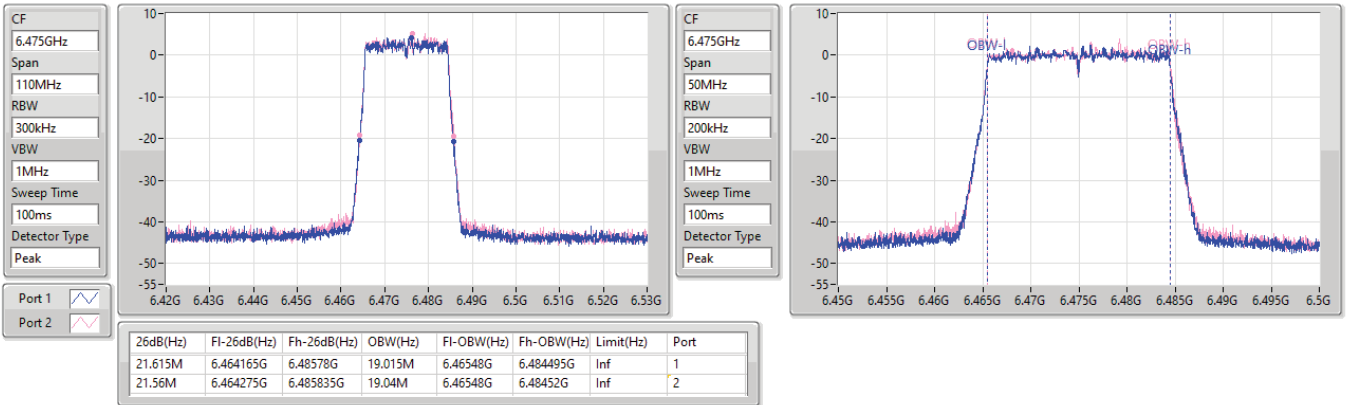


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6475MHz

16/12/2022

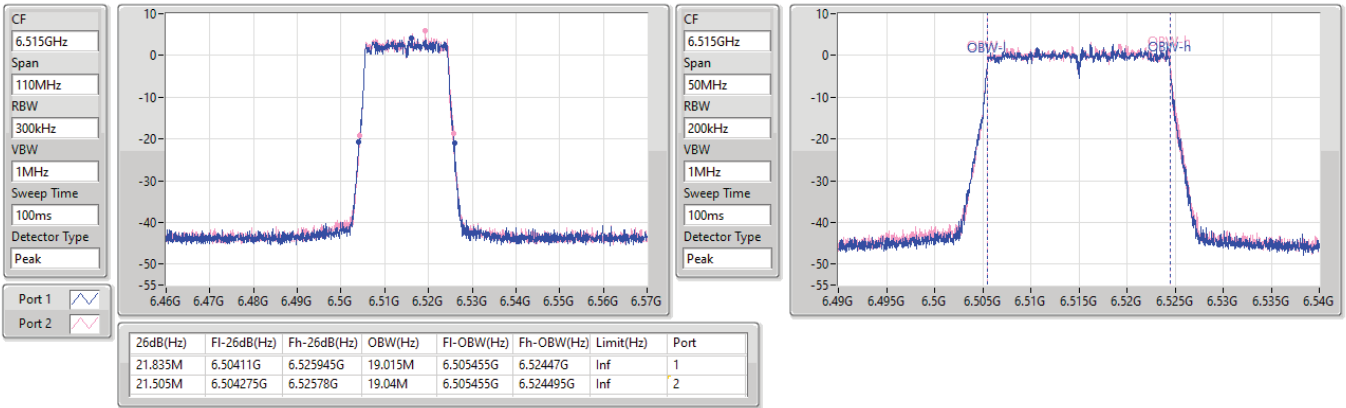


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6515MHz

16/12/2022

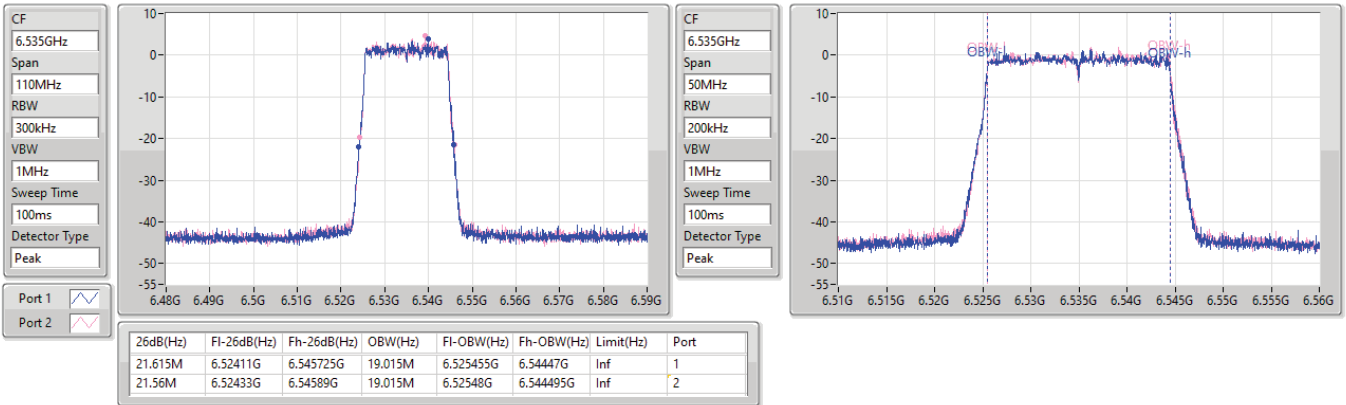


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6535MHz

16/12/2022



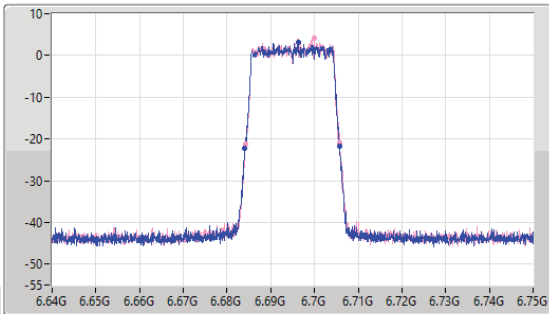
6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

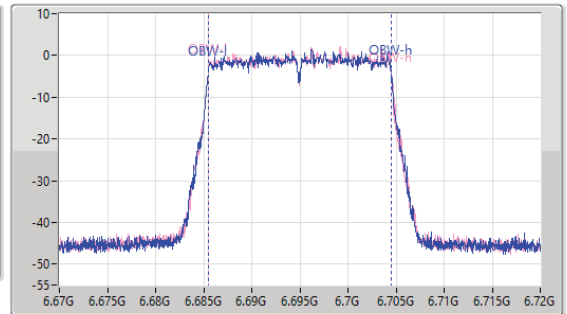
6695MHz

16/12/2022

CF
6.695GHz
Span
110MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.695GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.615M	6.68411G	6.705725G	19.015M	6.68548G	6.704495G	Inf	1
21.615M	6.68422G	6.705835G	19.04M	6.68548G	6.70452G	Inf	2

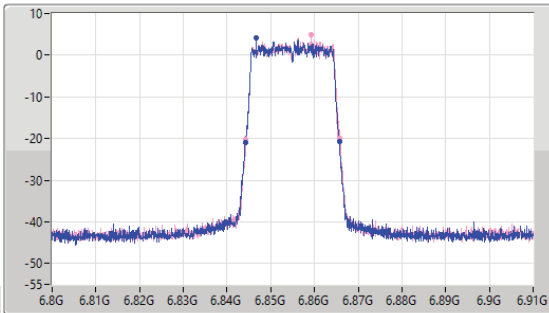
6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

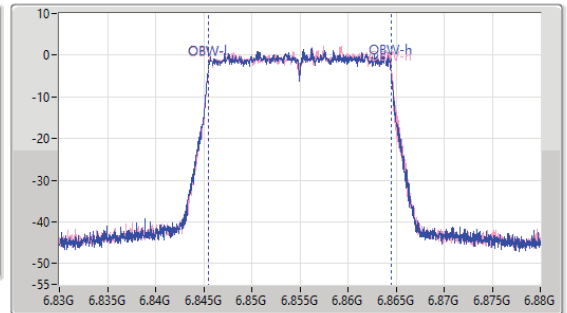
6855MHz

16/12/2022

CF
6.855GHz
Span
110MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.855GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.505M	6.844165G	6.86567G	19.015M	6.845455G	6.86447G	Inf	1
21.56M	6.844275G	6.865835G	19.065M	6.845455G	6.86452G	Inf	2

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6875MHz

16/12/2022

CF
6.875GHz

Span
110MHz

RBW
300kHz

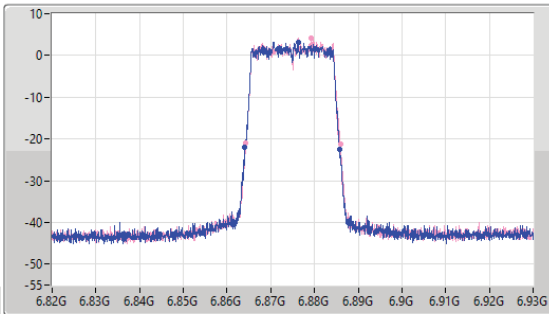
VBW
1MHz

Sweep Time
100ms

Detector Type
Peak

Port 1

Port 2



CF
6.875GHz

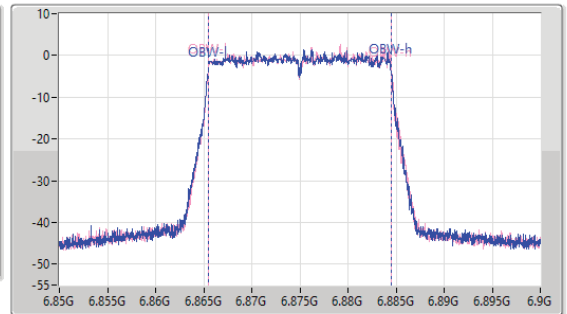
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.67M	6.86411G	6.88578G	19.015M	6.865455G	6.88447G	Inf	1
21.67M	6.86422G	6.88589G	19.04M	6.86548G	6.88452G	Inf	2

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6895MHz

16/12/2022

CF
6.895GHz

Span
110MHz

RBW
300kHz

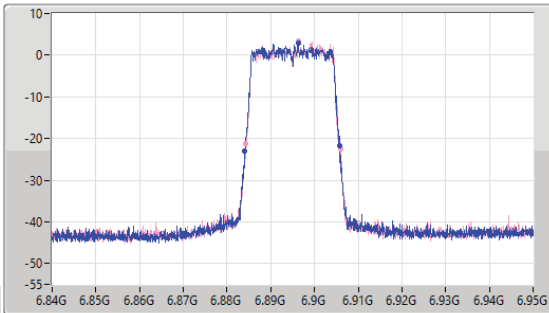
VBW
1MHz

Sweep Time
100ms

Detector Type
Peak

Port 1

Port 2



CF
6.895GHz

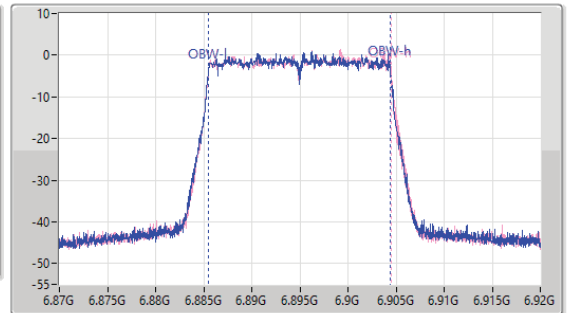
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.615M	6.88411G	6.905725G	18.991M	6.885455G	6.904445G	Inf	1
21.615M	6.884275G	6.90589G	19.04M	6.885455G	6.904495G	Inf	2

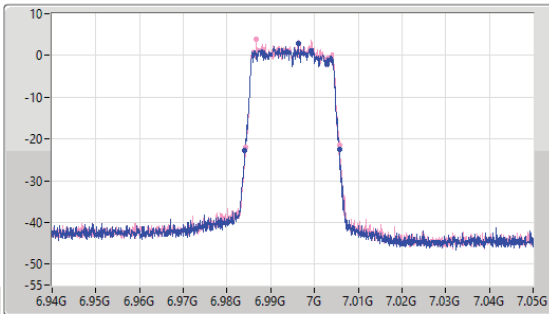
6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

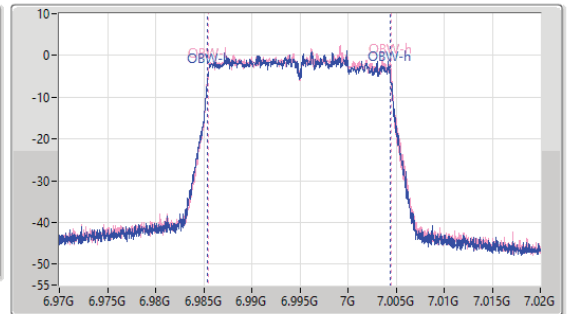
6995MHz

16/12/2022

CF
6.995GHz
Span
110MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.995GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.56M	6.98411G	7.00567G	18.991M	6.98543G	7.00442G	Inf	1
21.56M	6.98422G	7.00578G	19.015M	6.985455G	7.00447G	Inf	2

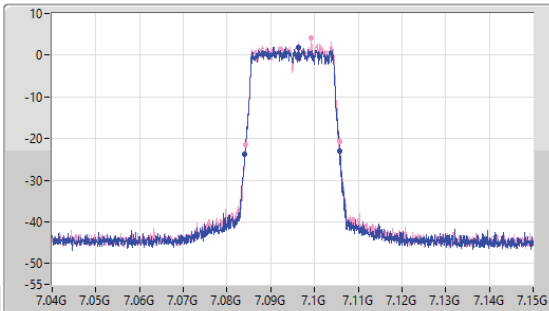
6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

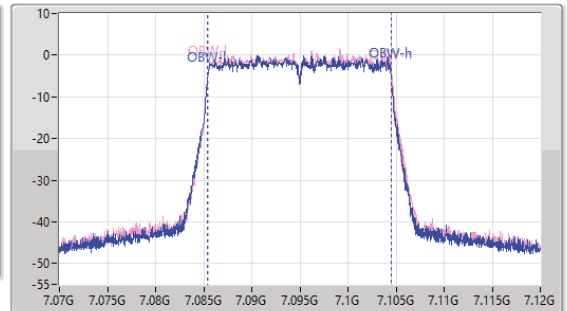
7095MHz

16/12/2022

CF
7.095GHz
Span
110MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
7.095GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.67M	7.084055G	7.105725G	19.04M	7.08543G	7.10447G	Inf	1
21.505M	7.084275G	7.10578G	19.065M	7.085455G	7.10452G	Inf	2

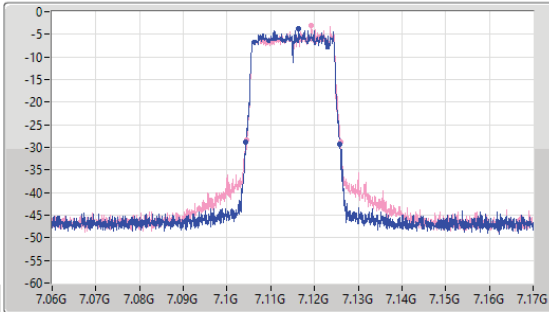
6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

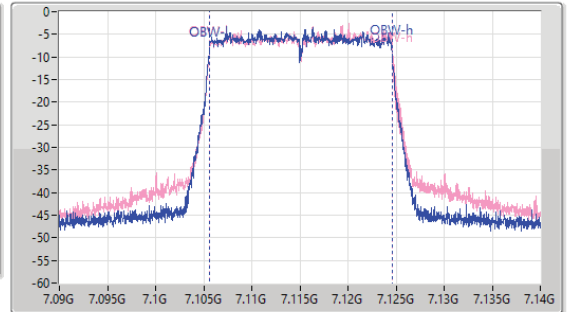
7115MHz

27/12/2022

CF
7.115GHz
Span
110MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
7.115GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	7.10433G	7.12578G	19.015M	7.10555G	7.12457G	Inf	1
21.45M	7.104495G	7.125945G	19.065M	7.10558G	7.124645G	Inf	2

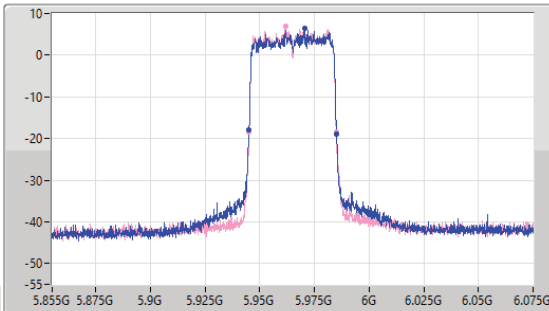
5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

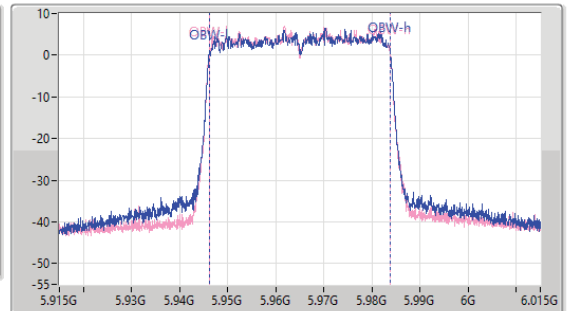
5965MHz

16/12/2022

CF
5.965GHz
Span
220MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.965GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



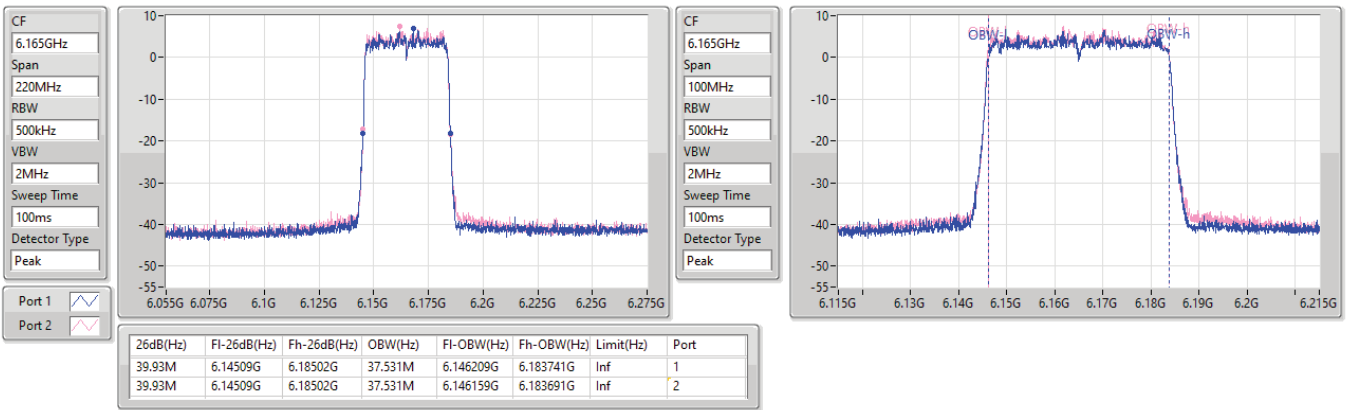
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.04M	5.94509G	5.98513G	37.481M	5.946259G	5.983741G	Inf	1
39.93M	5.94509G	5.98502G	37.481M	5.946259G	5.983741G	Inf	2

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6165MHz

16/12/2022

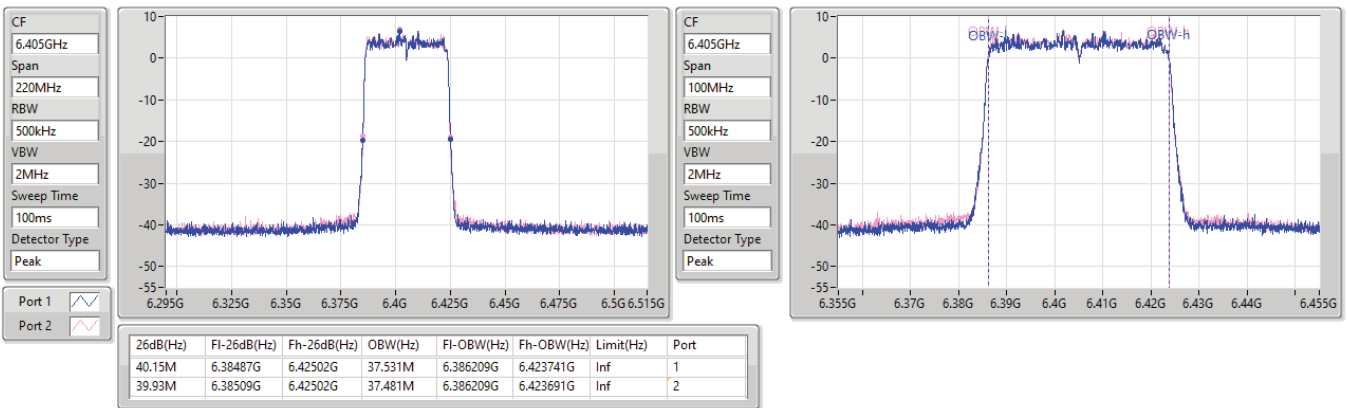


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6405MHz

16/12/2022

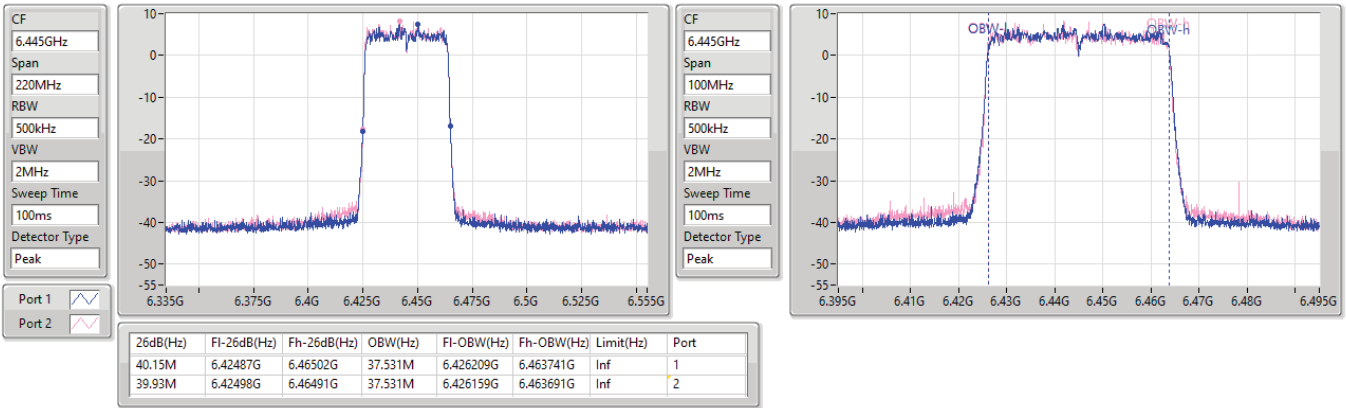


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6445MHz

16/12/2022

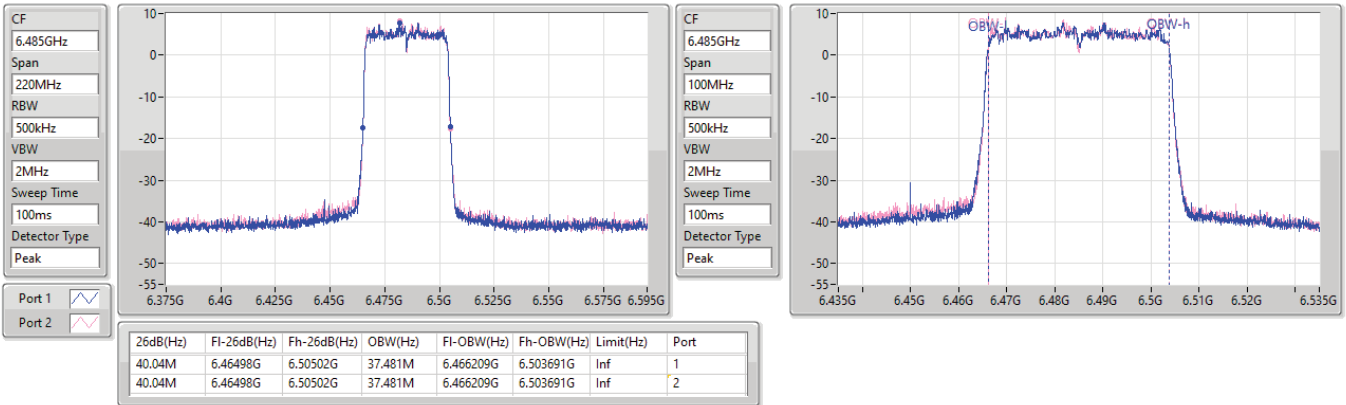


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6485MHz

16/12/2022



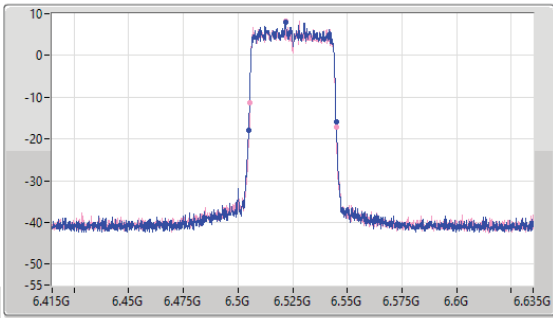
6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

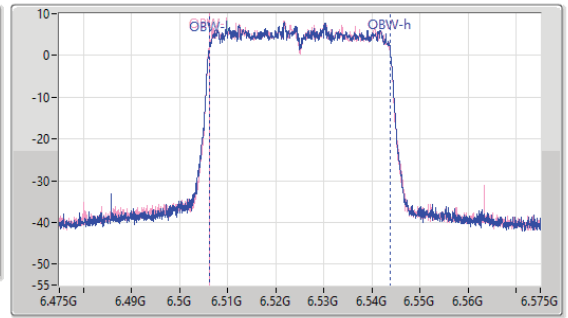
6525MHz

16/12/2022

CF
6.525GHz
Span
220MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.525GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.93M	6.50498G	6.54491G	37.481M	6.506209G	6.543691G	Inf	1
39.6M	6.50531G	6.54491G	37.481M	6.506209G	6.543691G	Inf	2

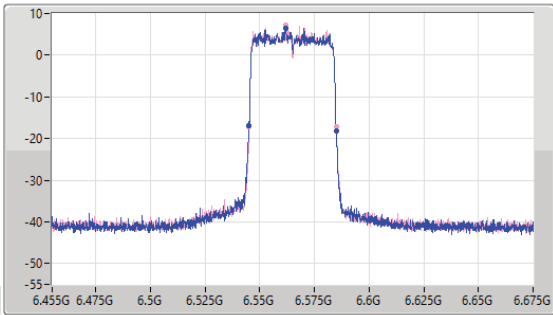
6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

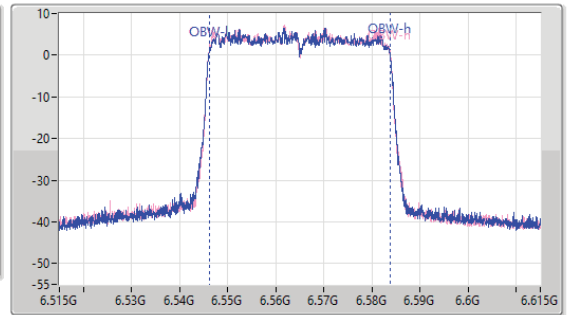
6565MHz

16/12/2022

CF
6.565GHz
Span
220MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.565GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



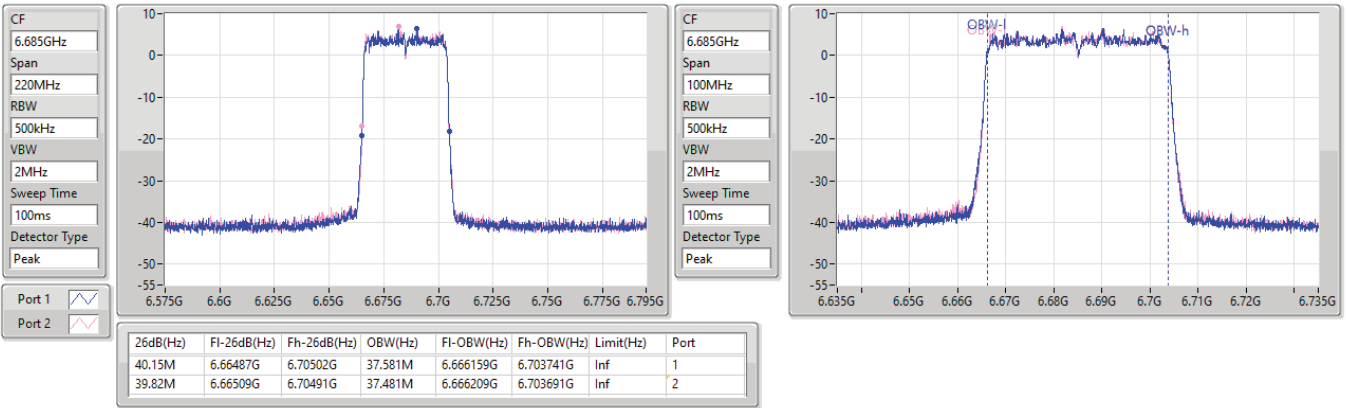
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.04M	6.54498G	6.58502G	37.531M	6.546159G	6.583691G	Inf	1
39.82M	6.54509G	6.58491G	37.481M	6.546209G	6.583691G	Inf	2

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6685MHz

16/12/2022

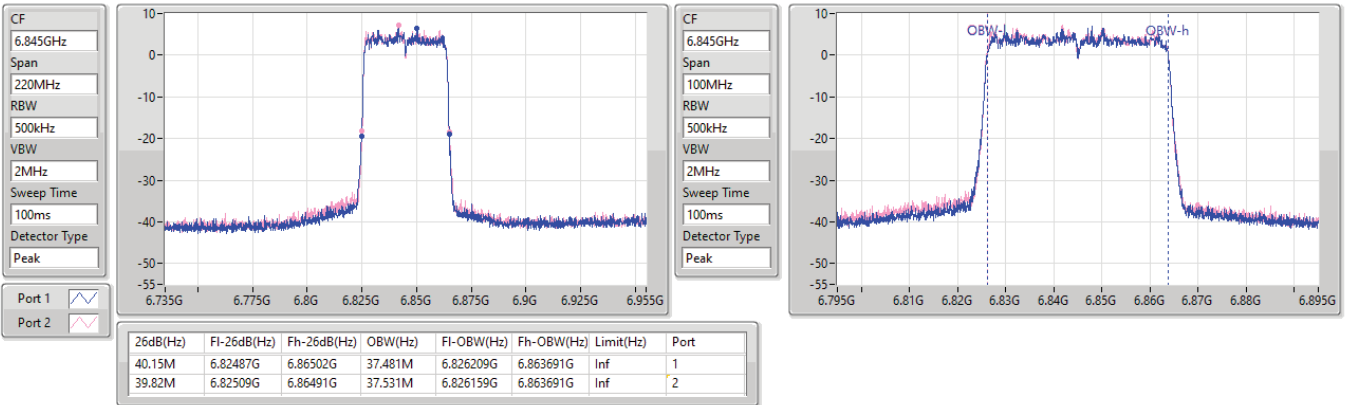


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6845MHz

16/12/2022

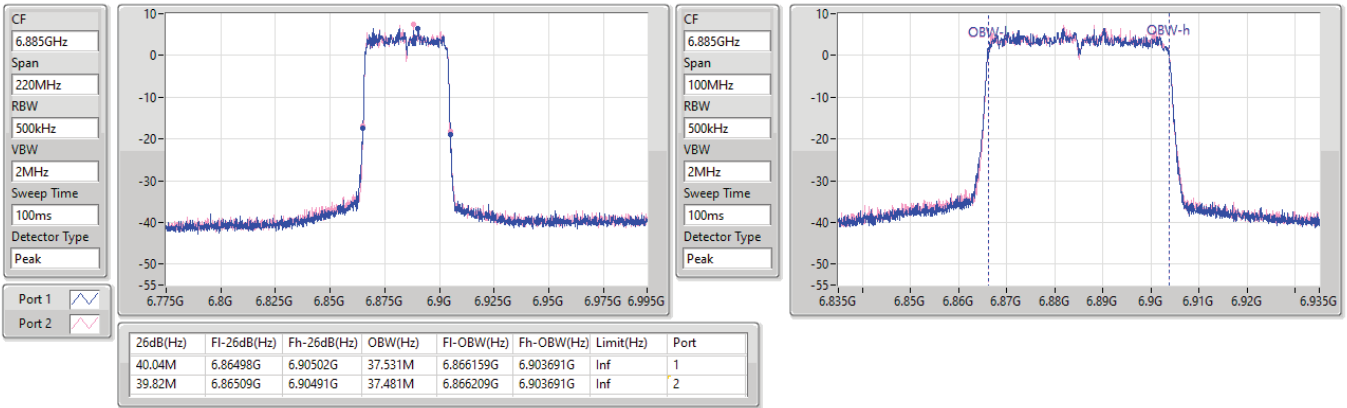


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6885MHz

16/12/2022

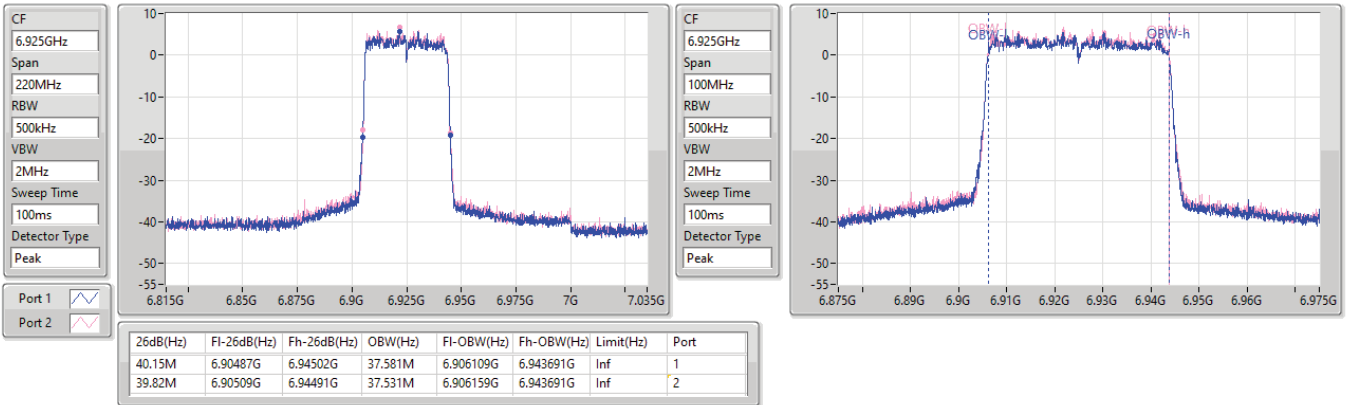


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6925MHz

16/12/2022



6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

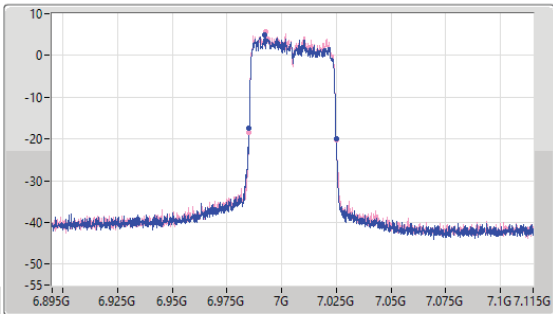
7005MHz

16/12/2022

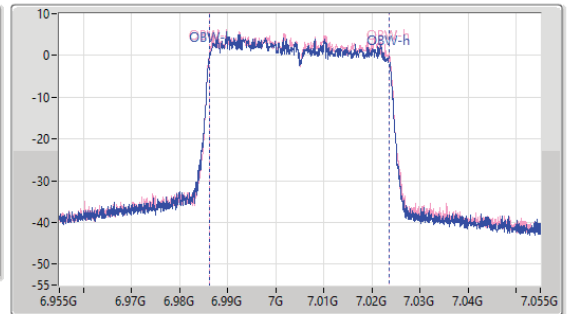
CF: 7.005GHz
 Span: 220MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak

Port 1:

Port 2:



CF: 7.005GHz
 Span: 100MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.93M	6.98498G	7.02491G	37.531M	6.986109G	7.023641G	Inf	1
39.82M	6.98509G	7.02491G	37.481M	6.986159G	7.023641G	Inf	2

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

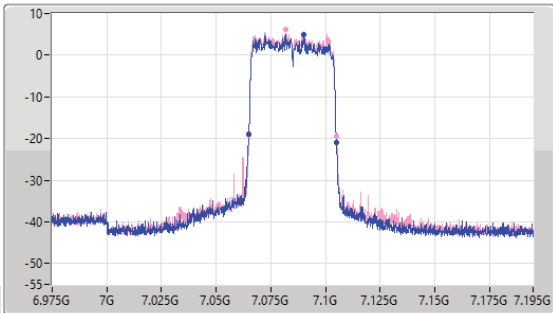
7085MHz

16/12/2022

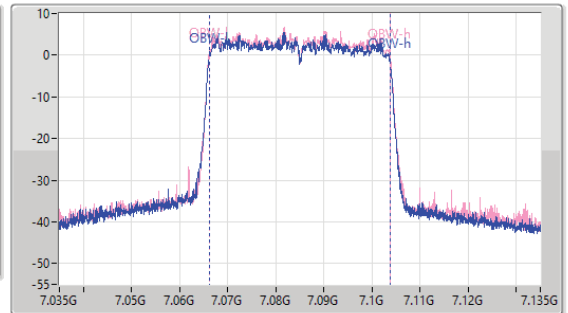
CF: 7.085GHz
 Span: 220MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak

Port 1:

Port 2:



CF: 7.085GHz
 Span: 100MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.13M	7.06487G	7.10502G	37.531M	7.066159G	7.103691G	Inf	1
39.93M	7.06498G	7.10491G	37.531M	7.066159G	7.103691G	Inf	2

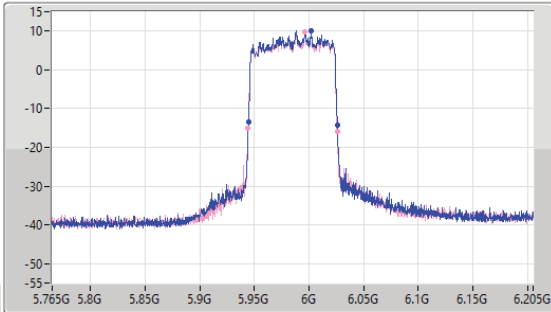
5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

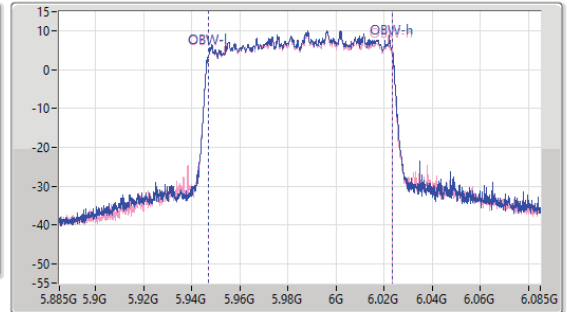
5985MHz

16/12/2022

CF
5.985GHz
Span
440MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.985GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.4M	5.94452G	6.02592G	76.562M	5.946919G	6.023481G	Inf	1
81.62M	5.9443G	6.02592G	76.662M	5.946819G	6.023481G	Inf	2

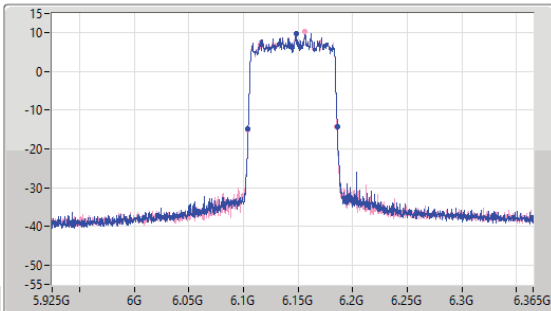
5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

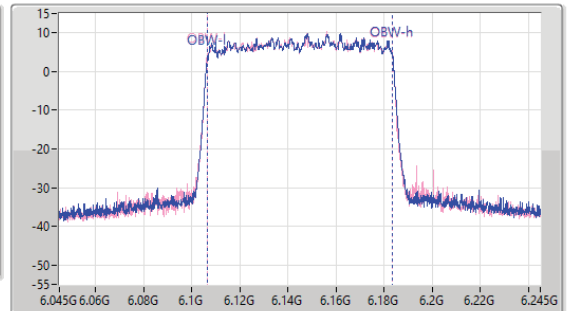
6145MHz

16/12/2022

CF
6.145GHz
Span
440MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.145GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.62M	6.1043G	6.18592G	76.762M	6.106719G	6.183481G	Inf	1
81.18M	6.1043G	6.18548G	76.762M	6.106719G	6.183481G	Inf	2

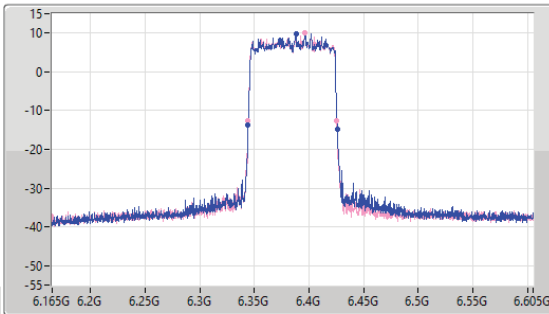
5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

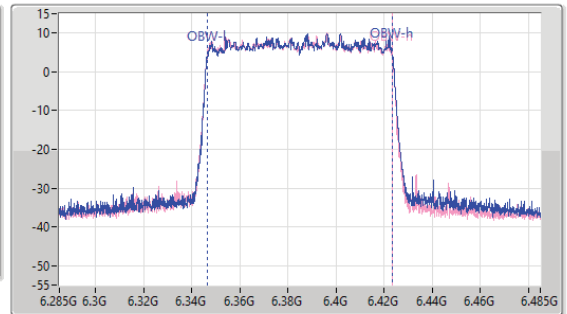
6385MHz

16/12/2022

CF
6.385GHz
Span
440MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.385GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.62M	6.3443G	6.42592G	76.862M	6.346619G	6.423481G	Inf	1
81.18M	6.3443G	6.42548G	76.762M	6.346619G	6.423381G	Inf	2

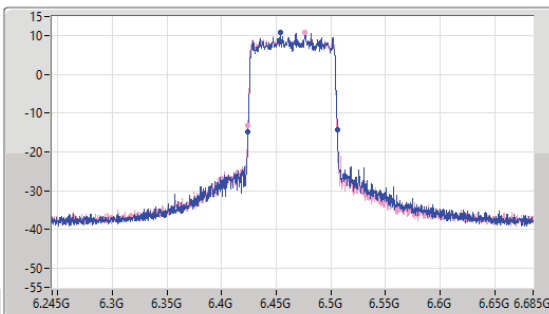
6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

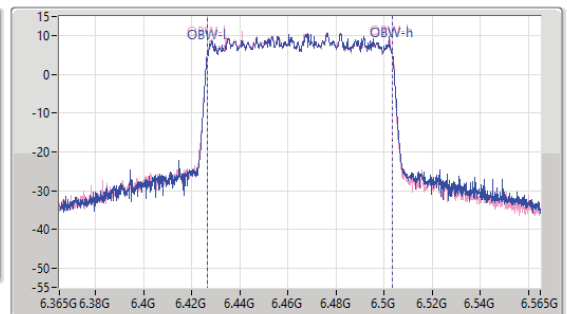
6465MHz

16/12/2022

CF
6.465GHz
Span
440MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.465GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.62M	6.4243G	6.50592G	76.862M	6.426619G	6.503481G	Inf	1
81.84M	6.42386G	6.5057G	76.862M	6.426519G	6.503381G	Inf	2

6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

6545MHz

16/12/2022

CF
6.545GHz

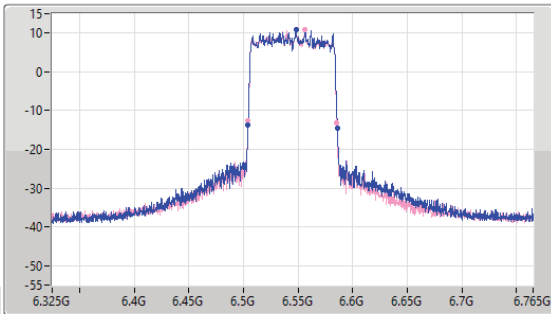
Span
440MHz

RBW
1MHz

VBW
3MHz

Sweep Time
100ms

Detector Type
Peak



CF
6.545GHz

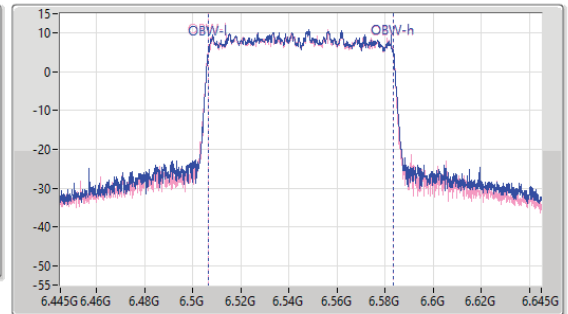
Span
200MHz

RBW
1MHz

VBW
3MHz

Sweep Time
100ms

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.62M	6.5043G	6.58592G	76.862M	6.506519G	6.583381G	Inf	1
81.4M	6.50408G	6.58548G	76.862M	6.506519G	6.583381G	Inf	2

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

6625MHz

16/12/2022

CF
6.625GHz

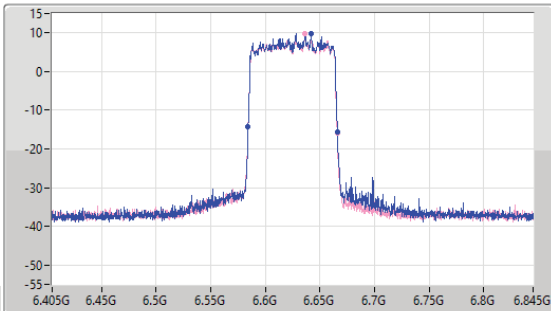
Span
440MHz

RBW
1MHz

VBW
3MHz

Sweep Time
100ms

Detector Type
Peak



CF
6.625GHz

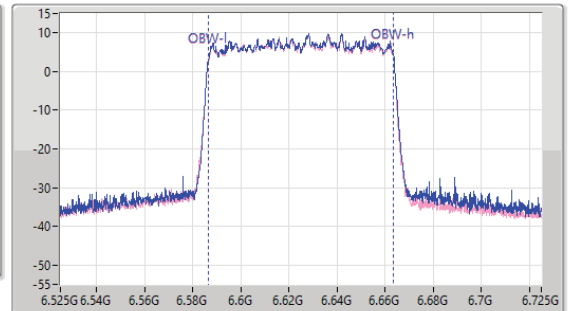
Span
200MHz

RBW
1MHz

VBW
3MHz

Sweep Time
100ms

Detector Type
Peak



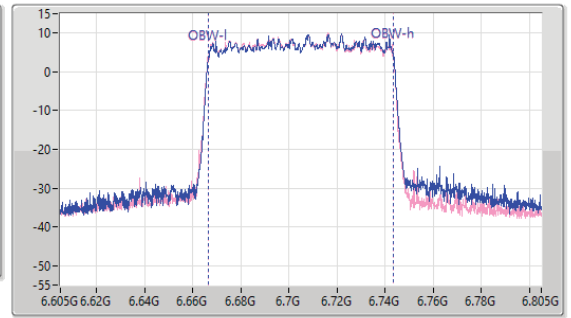
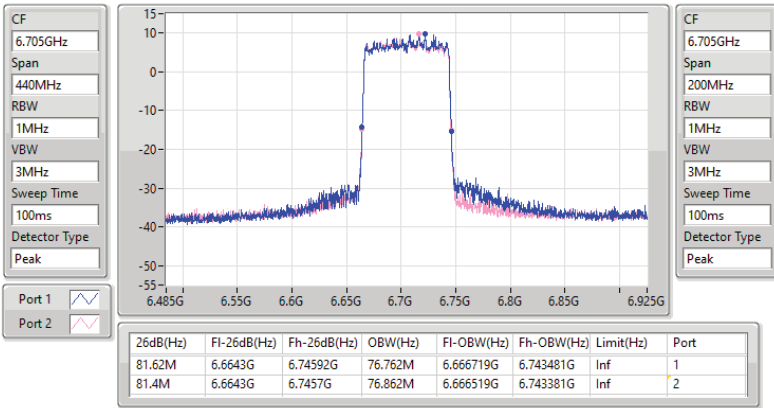
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.62M	6.5843G	6.66592G	76.762M	6.586719G	6.663481G	Inf	1
81.4M	6.5843G	6.6657G	76.762M	6.586719G	6.663481G	Inf	2

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

6705MHz

16/12/2022

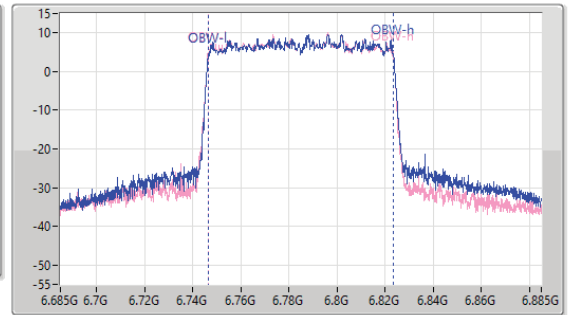
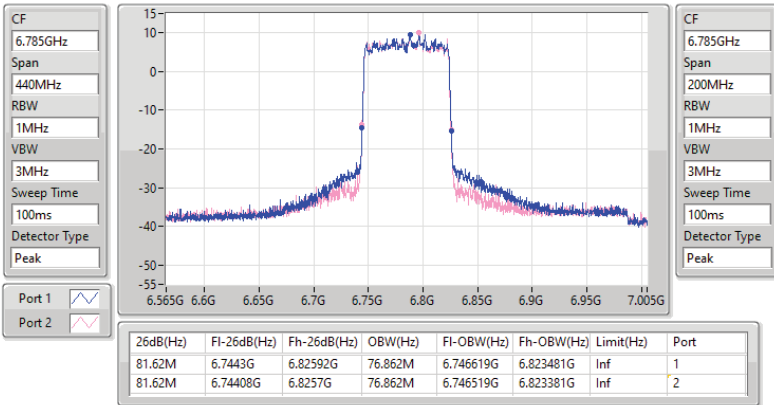


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

6785MHz

16/12/2022



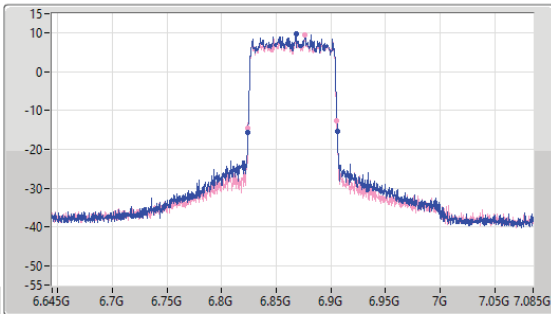
6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

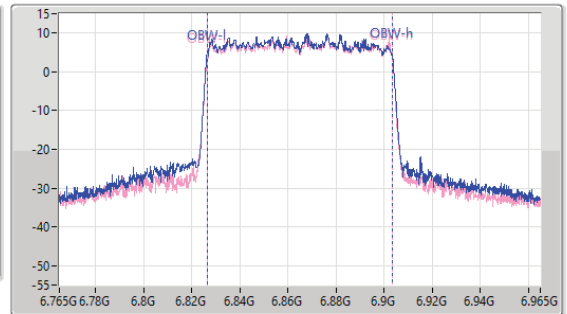
6865MHz

16/12/2022

CF
6.865GHz
Span
440MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.865GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	6.82408G	6.90592G	76.862M	6.826519G	6.903381G	Inf	1
81.4M	6.82408G	6.90548G	76.862M	6.826519G	6.903381G	Inf	2

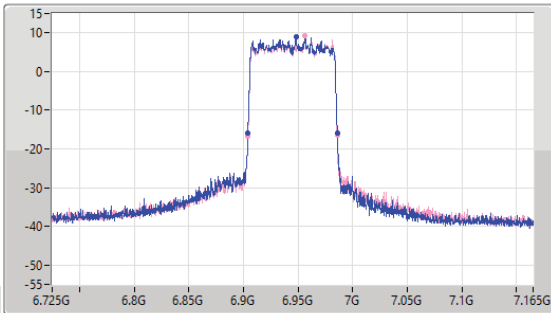
6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

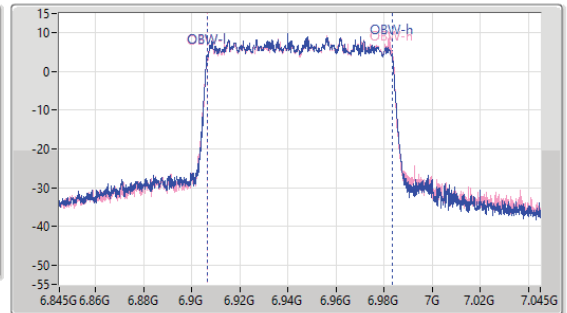
6945MHz

16/12/2022

CF
6.945GHz
Span
440MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.945GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	6.90408G	6.98592G	76.962M	6.906419G	6.983381G	Inf	1
81.84M	6.90408G	6.98592G	76.962M	6.906519G	6.983481G	Inf	2

6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

7025MHz

16/12/2022

CF
7.025GHz

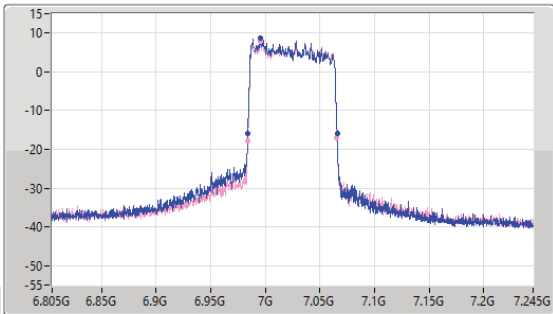
Span
440MHz

RBW
1MHz

VBW
3MHz

Sweep Time
100ms

Detector Type
Peak



CF
7.025GHz

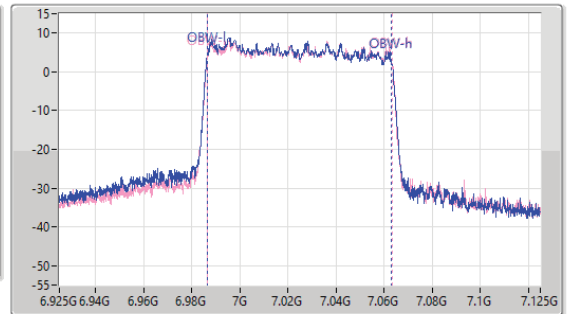
Span
200MHz

RBW
1MHz

VBW
3MHz

Sweep Time
100ms

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.62M	6.98408G	7.0657G	76.862M	6.986319G	7.063181G	Inf	1
81.62M	6.98386G	7.06548G	76.962M	6.986319G	7.063281G	Inf	2

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

6025MHz

16/12/2022

CF
6.025GHz

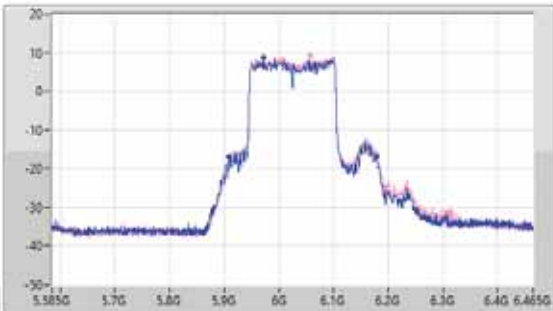
Span
880MHz

RBW
2MHz

VBW
10MHz

Sweep Time
100ms

Detector Type
Peak



CF
6.025GHz

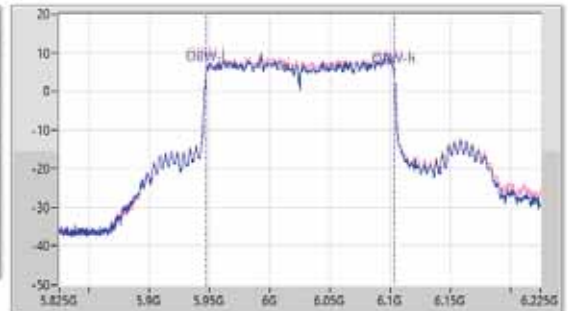
Span
400MHz

RBW
2MHz

VBW
10MHz

Sweep Time
100ms

Detector Type
Peak



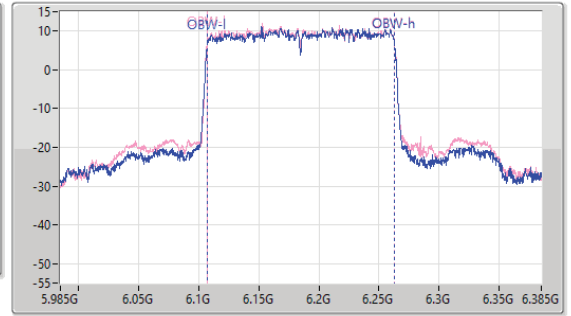
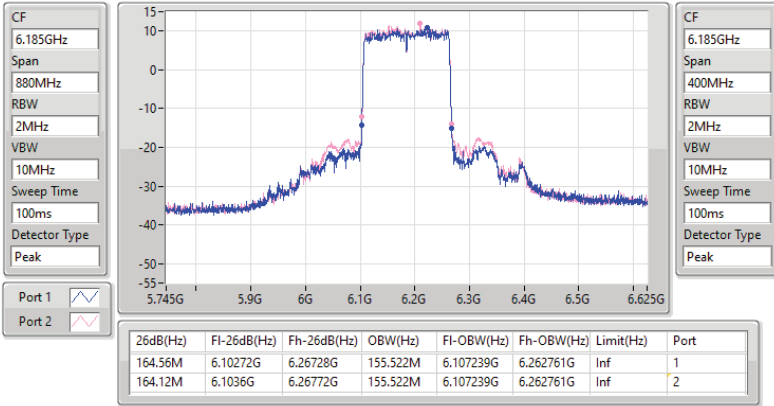
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
270.8M	5.9064G	6.179G	156.722M	5.94689G	6.103561G	Inf	1
266.2M	5.91324G	6.17944G	156.532M	5.94709G	6.103561G	Inf	2

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

6185MHz

16/12/2022

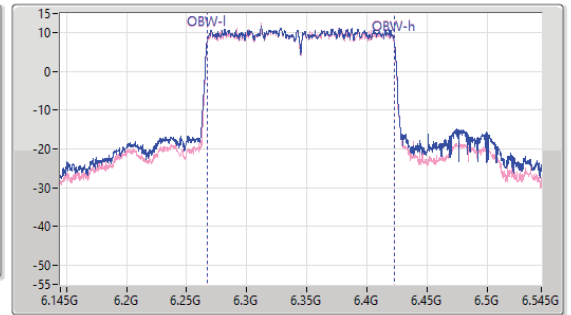
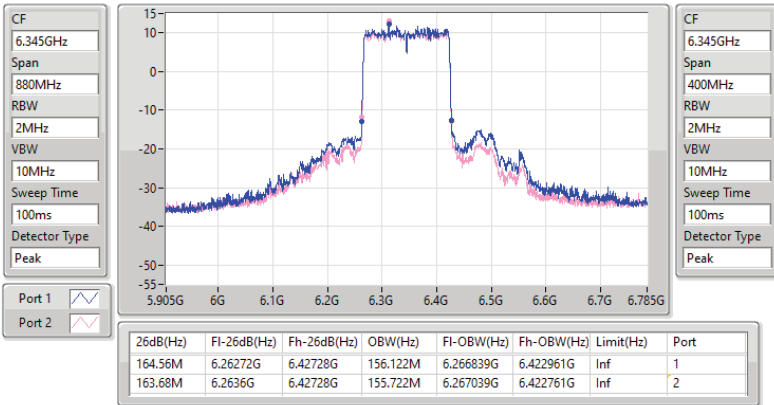


5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

6345MHz

16/12/2022

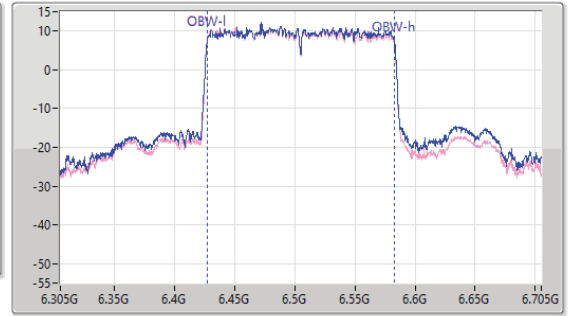
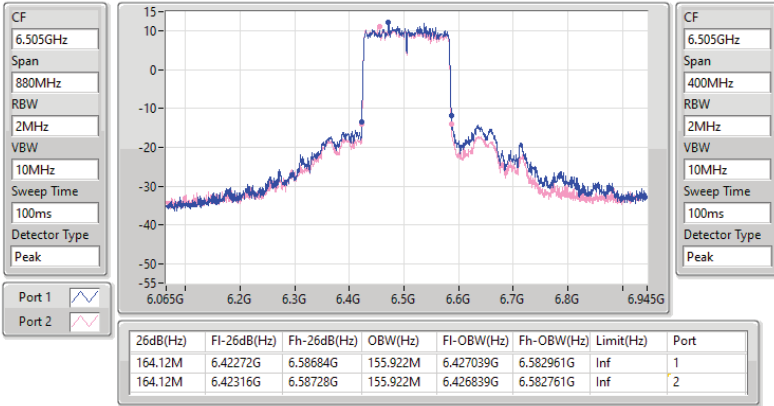


6.425-6.525GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

6505MHz

16/12/2022

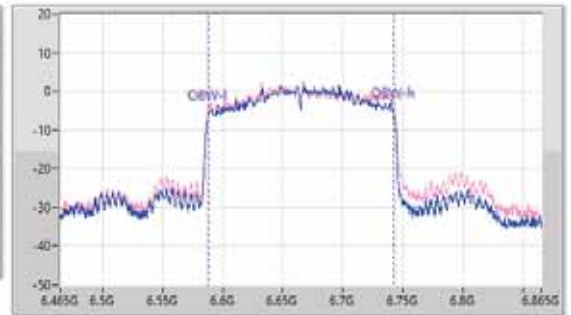
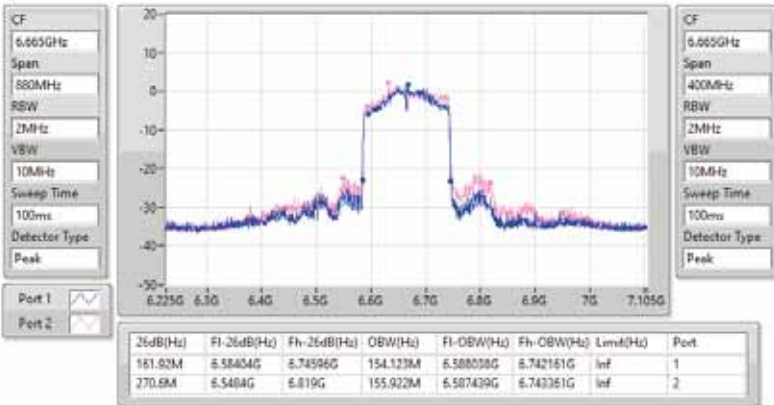


6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

6665MHz

16/12/2022

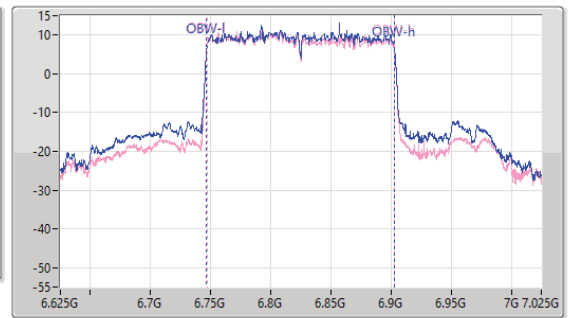
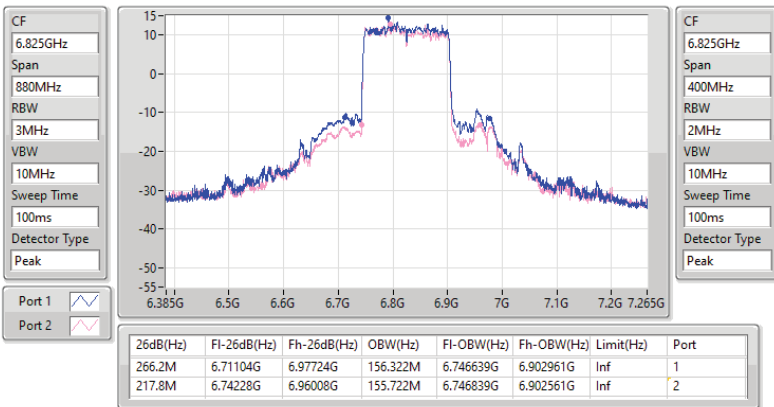


6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

6825MHz

16/12/2022

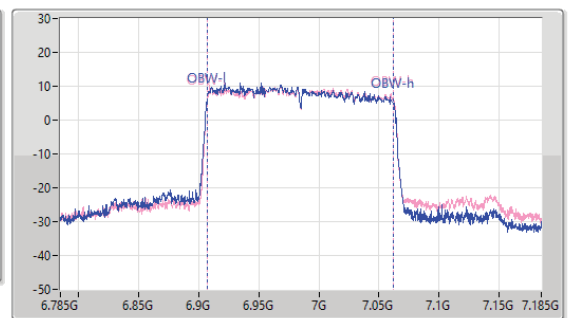
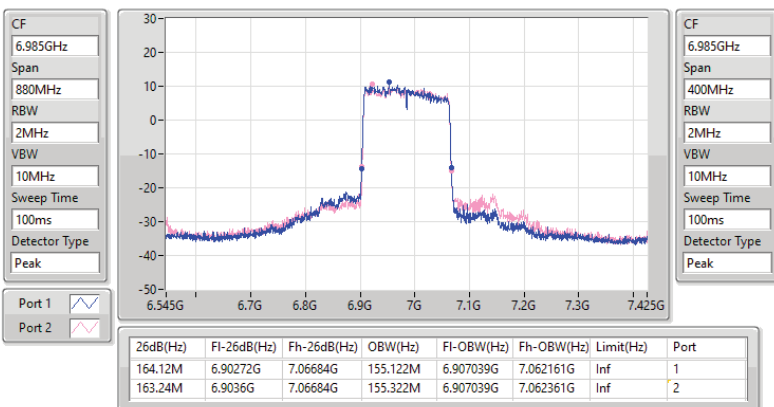


6.875-7.125GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

6985MHz

27/12/2022





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	21.78M	19.04M	19MOD1D	21.395M	18.991M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.26M	37.631M	37M6D1D	40.04M	37.531M
802.11ax HEW80_Nss1,(MCS0)_1TX	114.84M	77.461M	77M5D1D	81.84M	76.962M
802.11ax HEW160_Nss1,(MCS0)_1TX	340.56M	157.921M	158MD1D	164.12M	155.722M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	21.725M	19.04M	19MOD1D	21.67M	19.04M
802.11ax HEW40_Nss1,(MCS0)_1TX	56.76M	37.731M	37M7D1D	55M	37.681M
802.11ax HEW80_Nss1,(MCS0)_1TX	114.84M	77.361M	77M4D1D	114.62M	77.261M
802.11ax HEW160_Nss1,(MCS0)_1TX	315.48M	157.121M	157MD1D	315.48M	157.121M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	21.615M	19.04M	19MOD1D	21.56M	19.015M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.26M	37.631M	37M6D1D	40.26M	37.531M
802.11ax HEW80_Nss1,(MCS0)_1TX	131.12M	77.561M	77M6D1D	90.64M	77.061M
802.11ax HEW160_Nss1,(MCS0)_1TX	322.08M	157.921M	158MD1D	315.48M	157.121M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	22.715M	19.065M	19M1D1D	21.505M	18.991M
802.11ax HEW40_Nss1,(MCS0)_1TX	51.26M	37.731M	37M7D1D	40.26M	37.631M
802.11ax HEW80_Nss1,(MCS0)_1TX	158.84M	78.861M	78M9D1D	151.14M	78.061M
802.11ax HEW160_Nss1,(MCS0)_1TX	348.48M	179.11M	179MD1D	348.48M	179.11M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	21.67M	19.015M
6175MHz	Pass	Inf	21.78M	19.04M
6415MHz	Pass	Inf	21.56M	19.04M
6435MHz	Pass	Inf	21.67M	19.04M
6475MHz	Pass	Inf	21.67M	19.04M
6515MHz	Pass	Inf	21.725M	19.04M
6535MHz	Pass	Inf	21.615M	19.04M
6695MHz	Pass	Inf	21.56M	19.015M
6855MHz	Pass	Inf	21.615M	19.04M
6875MHz	Pass	Inf	21.615M	19.015M
6895MHz	Pass	Inf	21.725M	19.015M
6995MHz	Pass	Inf	21.67M	18.991M
7095MHz	Pass	Inf	22.715M	19.065M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5965MHz	Pass	Inf	40.15M	37.531M
6165MHz	Pass	Inf	40.04M	37.631M
6405MHz	Pass	Inf	40.26M	37.581M
6445MHz	Pass	Inf	56.21M	37.731M
6485MHz	Pass	Inf	55M	37.681M
6525MHz	Pass	Inf	56.76M	37.681M
6565MHz	Pass	Inf	40.26M	37.581M
6685MHz	Pass	Inf	40.26M	37.531M
6845MHz	Pass	Inf	40.26M	37.581M
6885MHz	Pass	Inf	40.26M	37.631M
6925MHz	Pass	Inf	40.26M	37.631M
7005MHz	Pass	Inf	45.32M	37.631M
7085MHz	Pass	Inf	51.26M	37.731M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5985MHz	Pass	Inf	81.84M	76.962M
6145MHz	Pass	Inf	100.1M	77.261M
6385MHz	Pass	Inf	114.84M	77.461M
6465MHz	Pass	Inf	114.62M	77.361M
6545MHz	Pass	Inf	114.84M	77.261M
6625MHz	Pass	Inf	100.54M	77.161M
6705MHz	Pass	Inf	90.64M	77.061M
6785MHz	Pass	Inf	125.62M	77.561M
6865MHz	Pass	Inf	131.12M	77.561M
6945MHz	Pass	Inf	158.84M	78.061M
7025MHz	Pass	Inf	151.14M	78.861M
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-
6025MHz	Pass	Inf	164.12M	155.722M
6185MHz	Pass	Inf	311.52M	156.722M
6345MHz	Pass	Inf	340.56M	157.921M
6505MHz	Pass	Inf	315.48M	157.121M
6665MHz	Pass	Inf	315.48M	157.121M
6825MHz	Pass	Inf	322.08M	157.921M
6985MHz	Pass	Inf	348.48M	179.11M

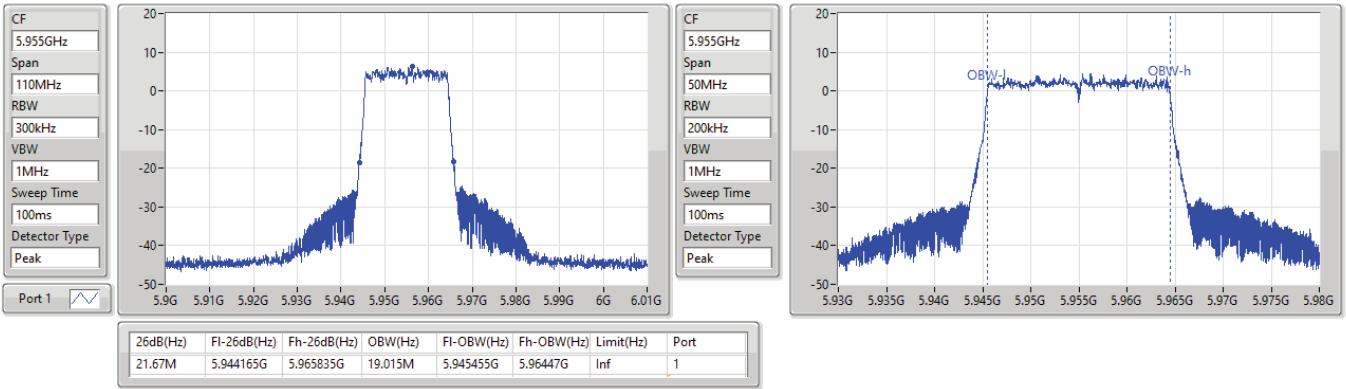
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5955MHz

16/12/2022

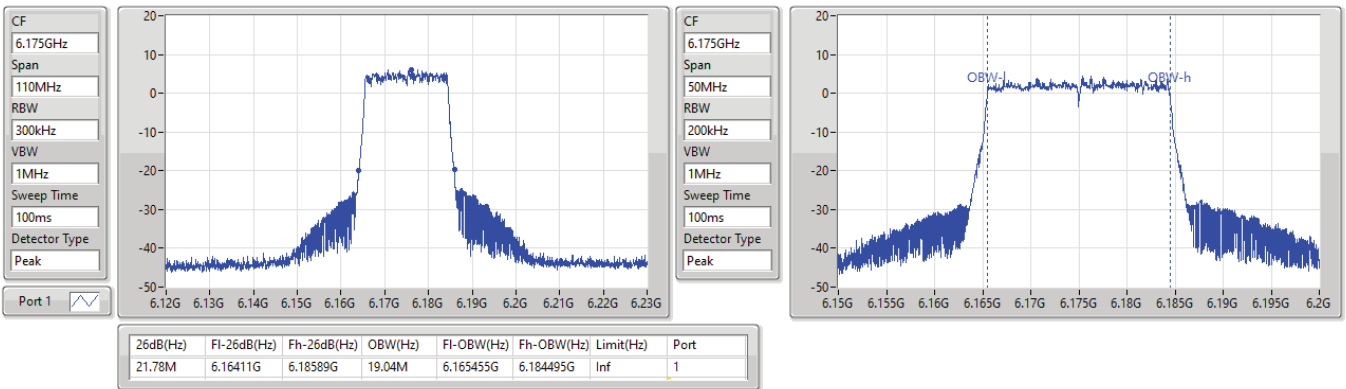


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6175MHz

16/12/2022

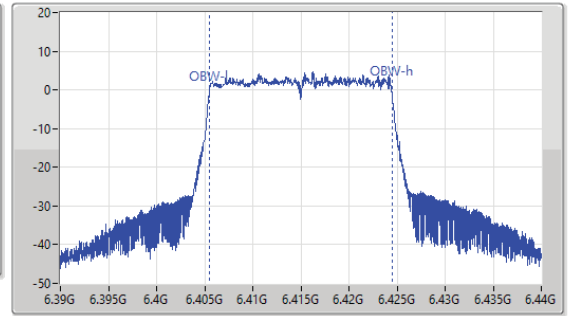
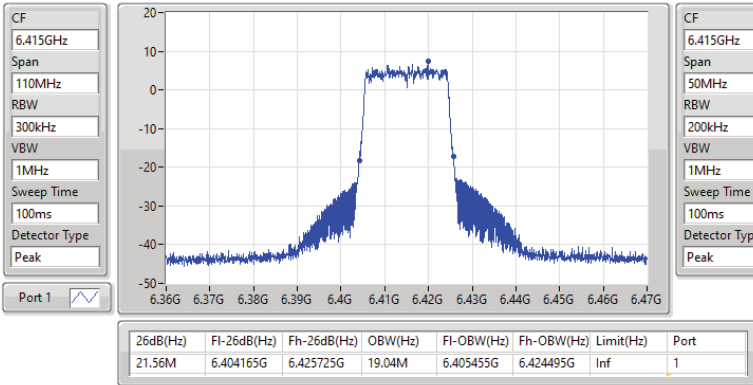


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6415MHz

16/12/2022

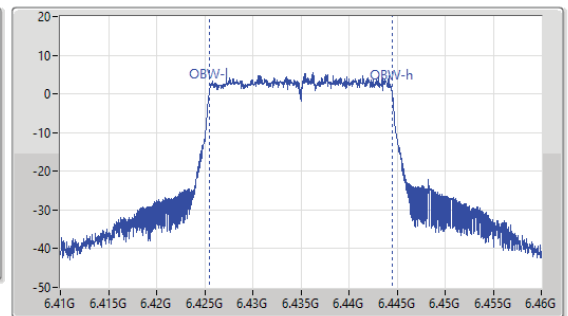
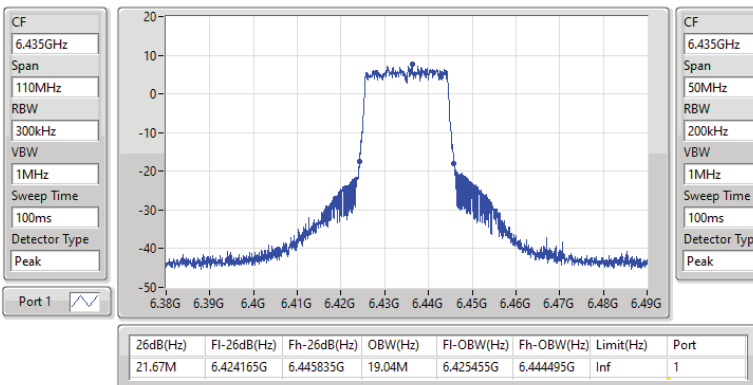


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6435MHz

16/12/2022

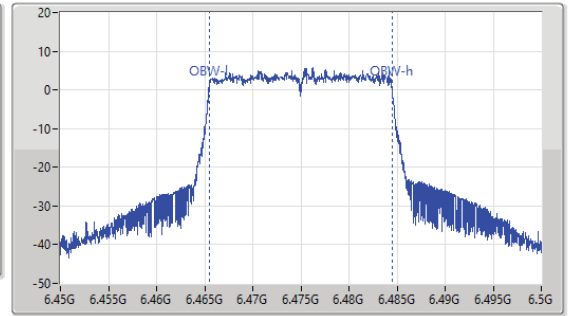
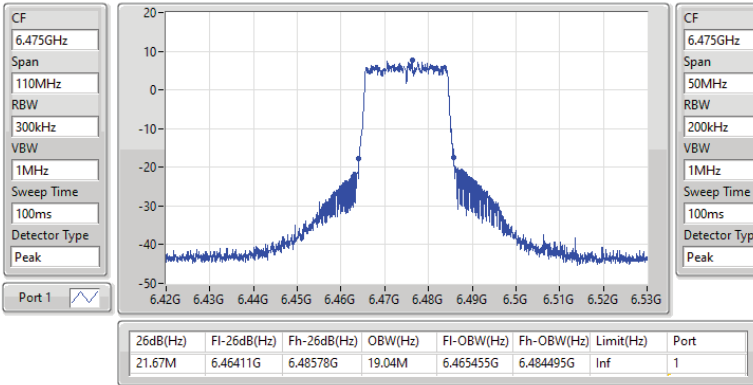


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6475MHz

16/12/2022

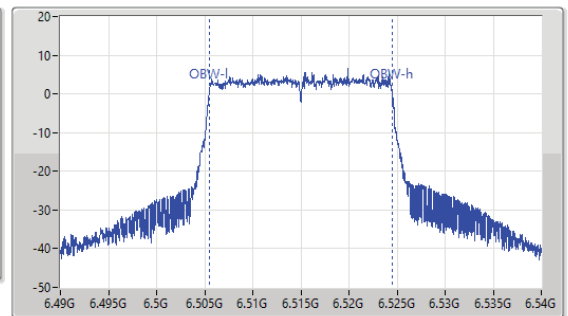
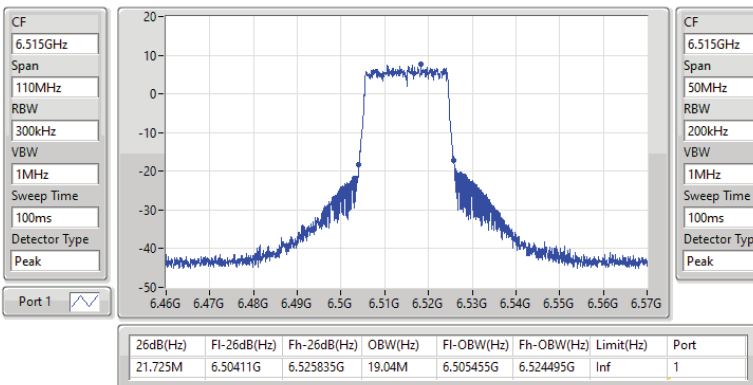


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6515MHz

16/12/2022

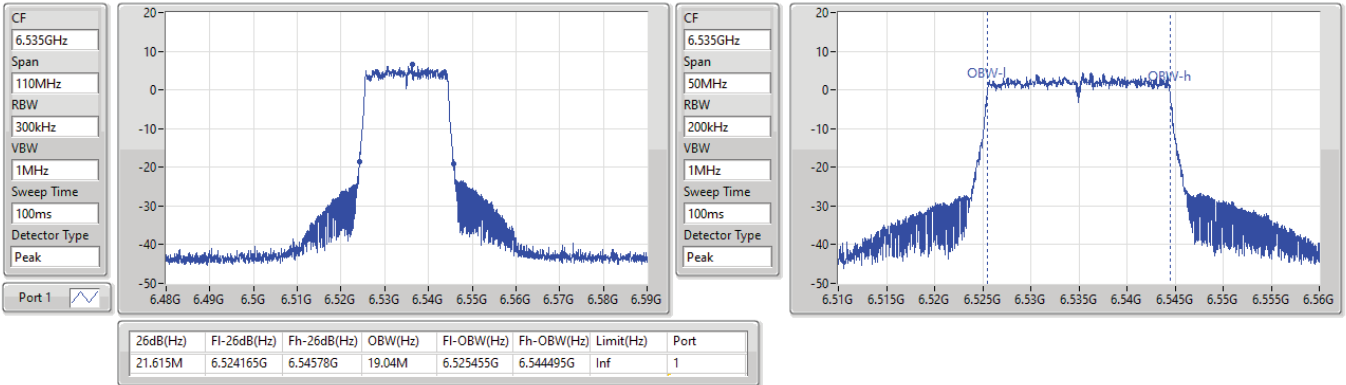


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6535MHz

16/12/2022

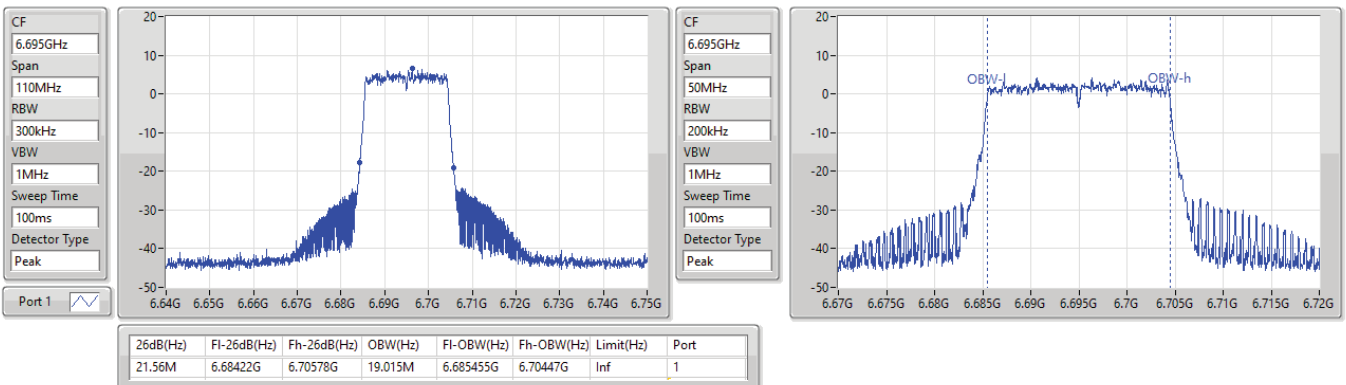


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6695MHz

16/12/2022

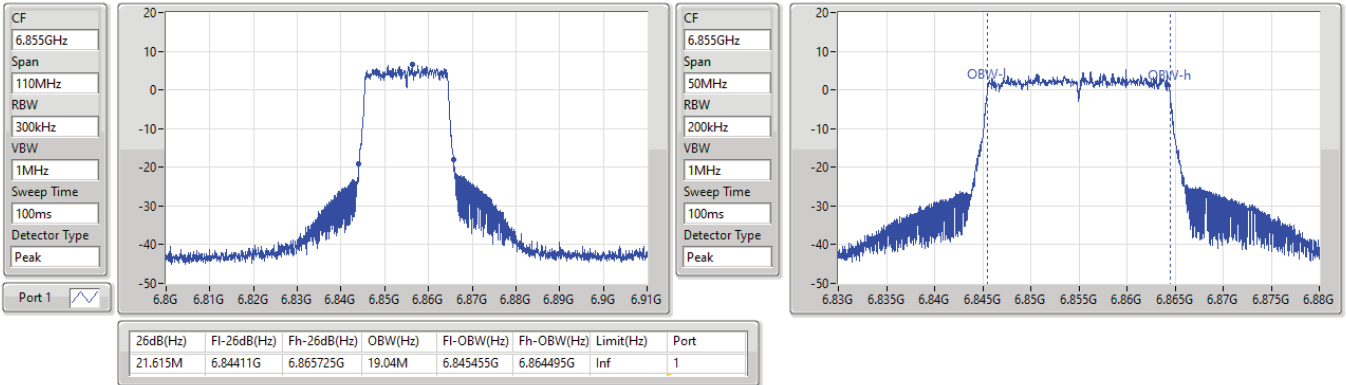


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6855MHz

16/12/2022

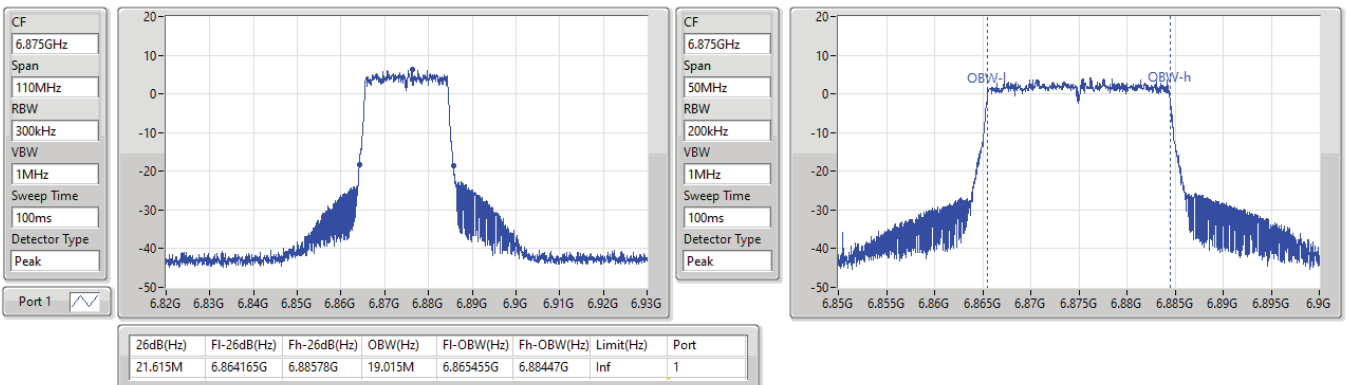


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6875MHz

16/12/2022

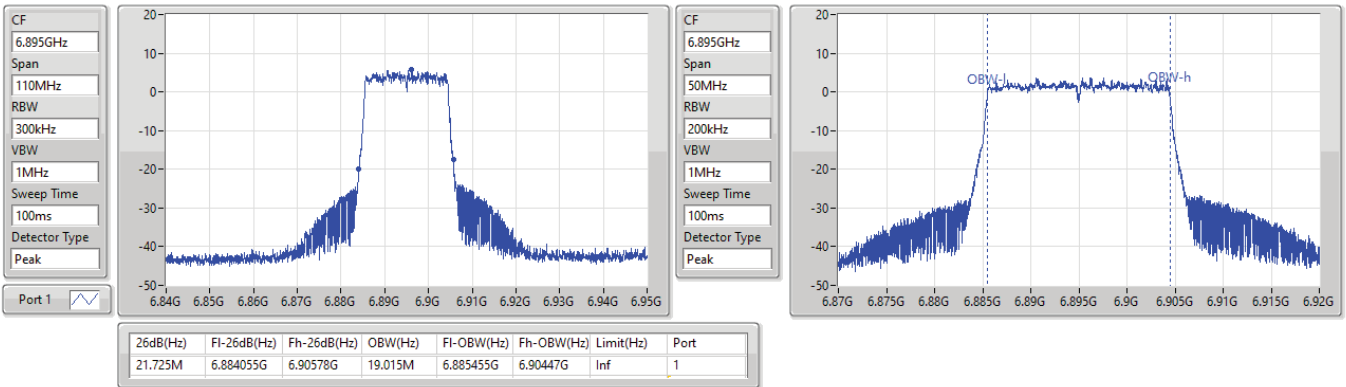


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6895MHz

16/12/2022

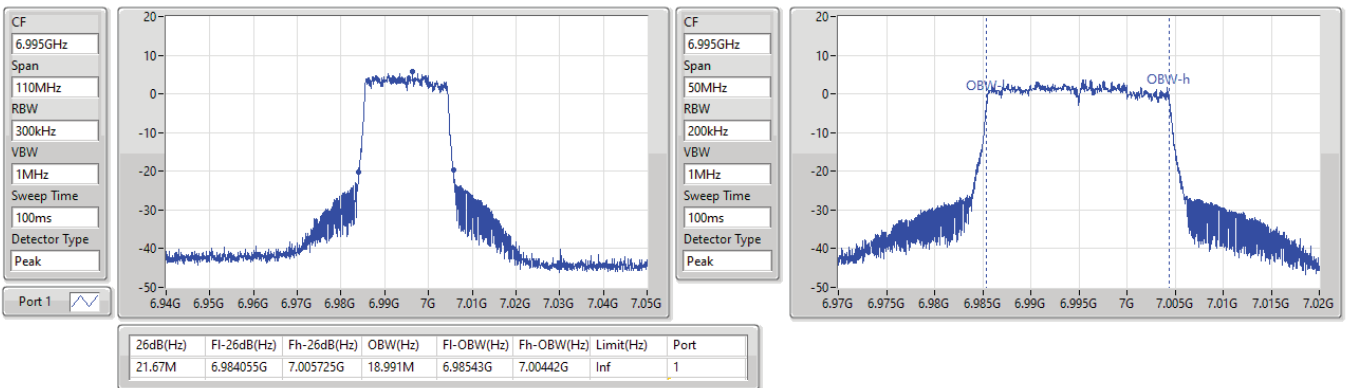


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6995MHz

16/12/2022

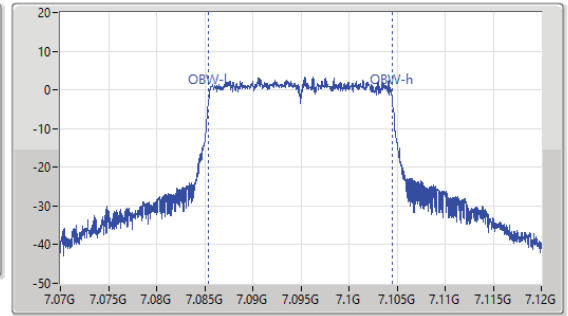
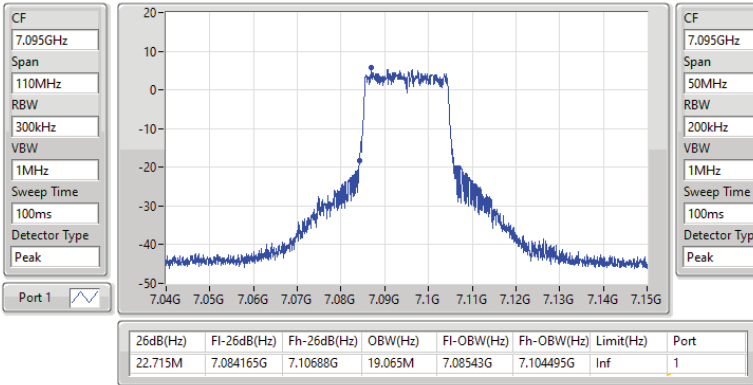


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7095MHz

16/12/2022

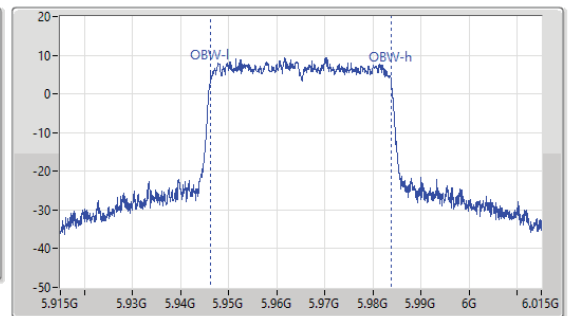
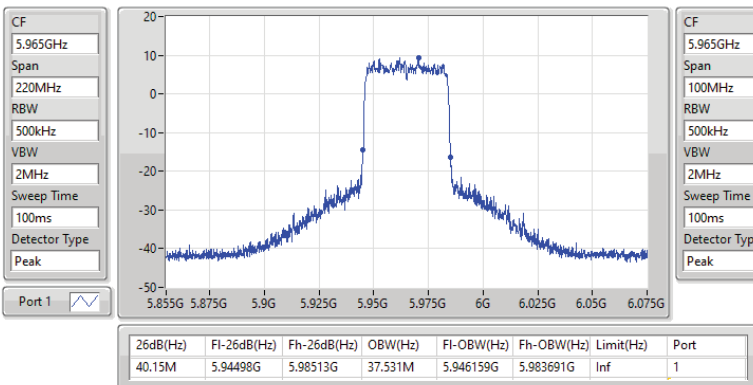


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5965MHz

16/12/2022



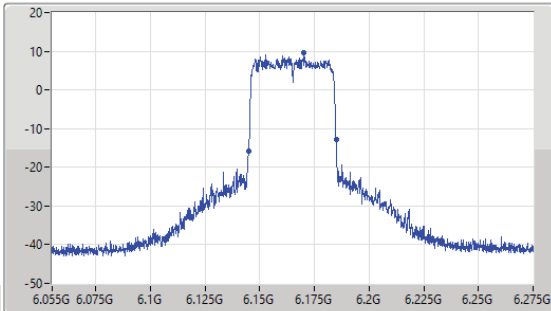
5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

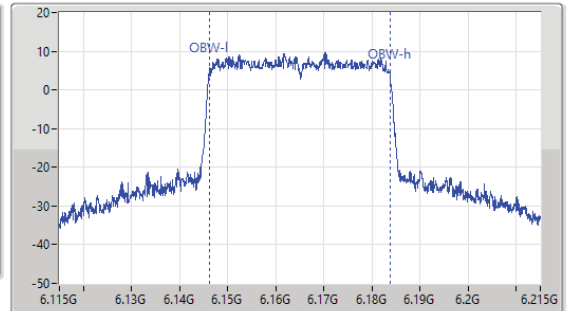
6165MHz

16/12/2022

CF
6.165GHz
Span
220MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
6.165GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.04M	6.14487G	6.18491G	37.631M	6.146109G	6.183741G	Inf	1

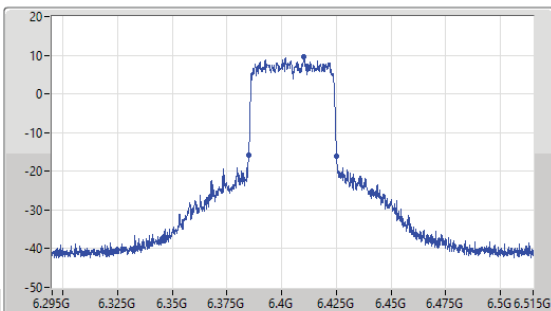
5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

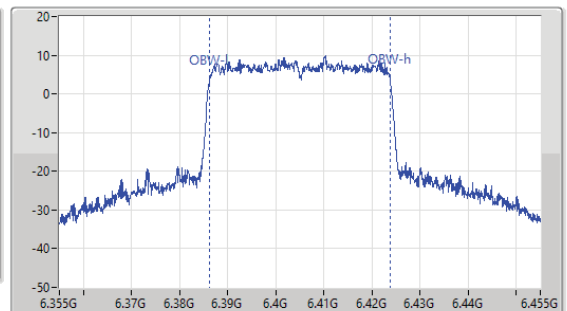
6405MHz

16/12/2022

CF
6.405GHz
Span
220MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
6.405GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	6.38487G	6.42513G	37.581M	6.386209G	6.423791G	Inf	1

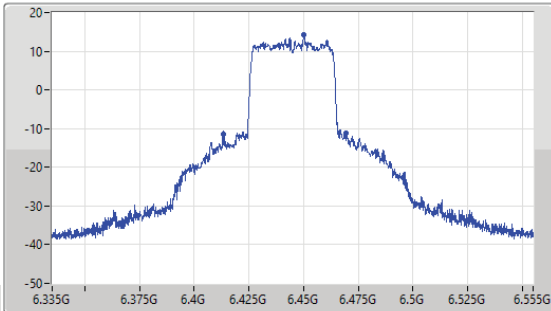
6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

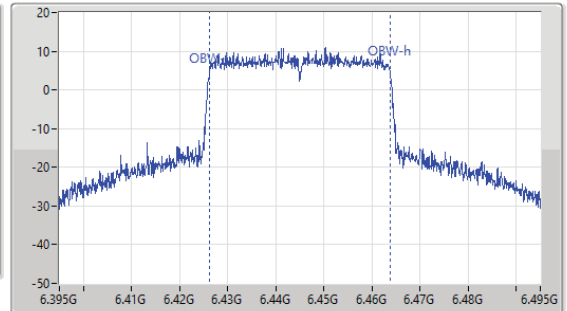
6445MHz

16/12/2022

CF
6.445GHz
Span
220MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.445GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
56.21M	6.4131G	6.46931G	37.731M	6.426109G	6.463841G	Inf	1

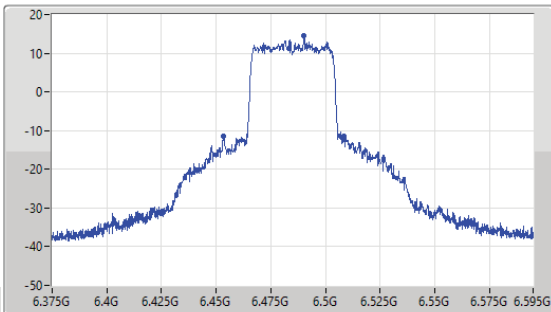
6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

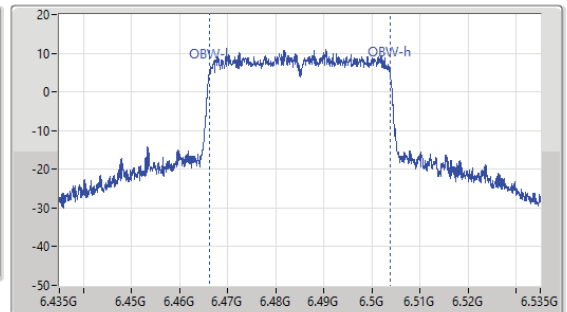
6485MHz

16/12/2022

CF
6.485GHz
Span
220MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.485GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



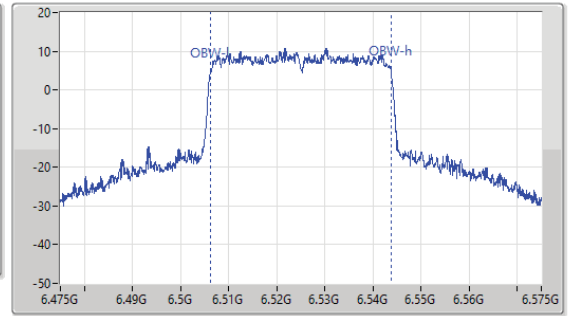
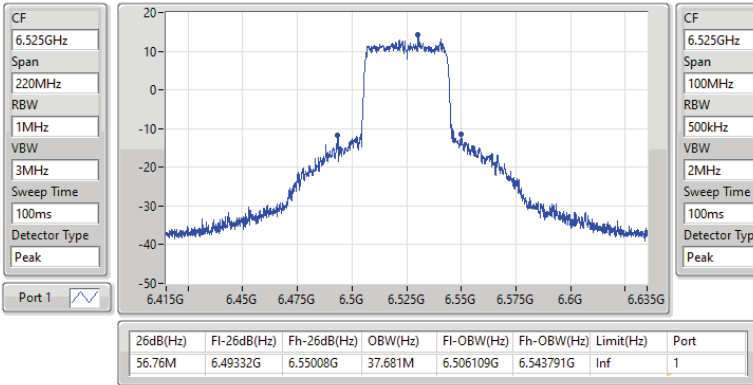
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
55M	6.45321G	6.50821G	37.681M	6.466109G	6.503791G	Inf	1

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6525MHz

16/12/2022

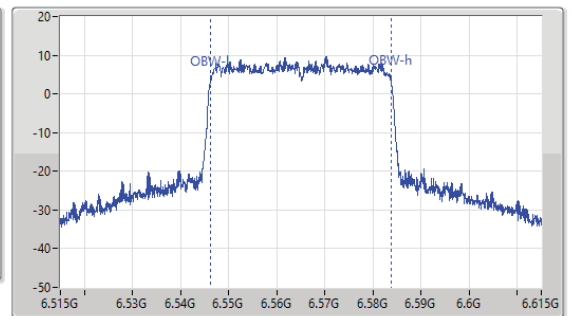
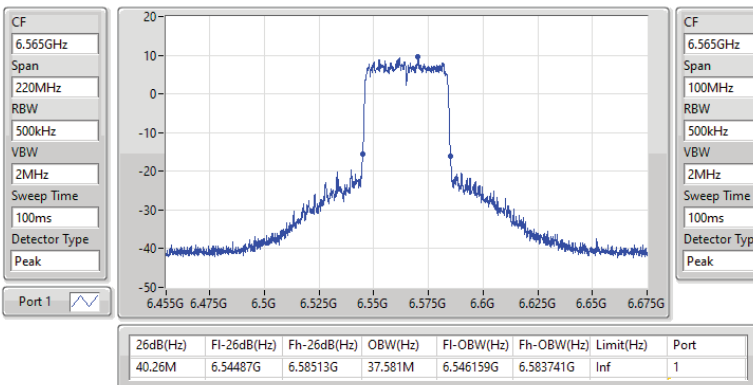


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6565MHz

16/12/2022

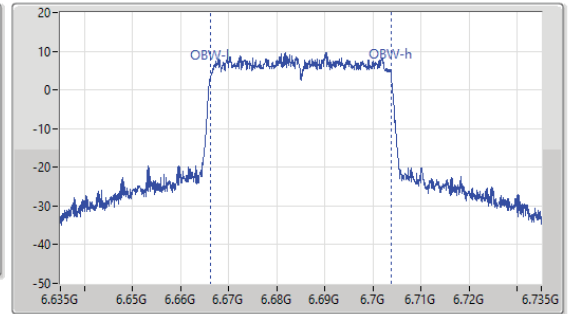
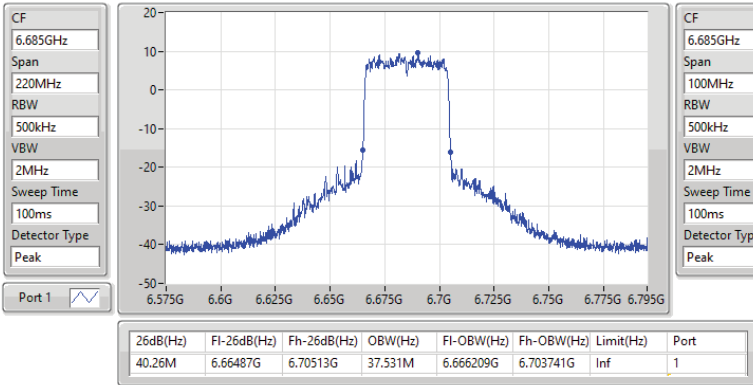


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6685MHz

16/12/2022

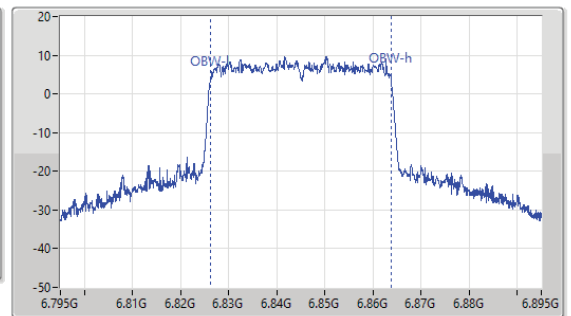
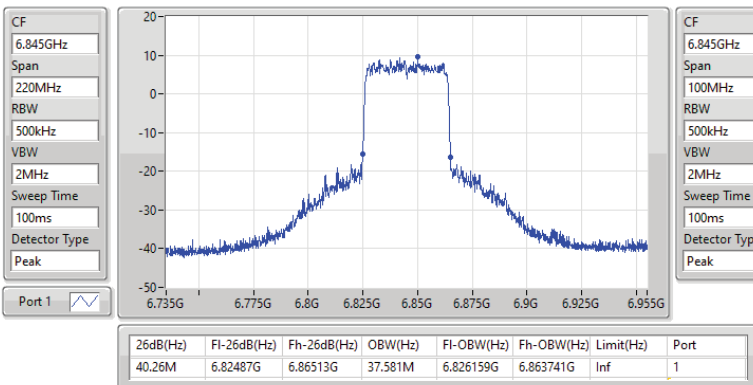


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6845MHz

16/12/2022



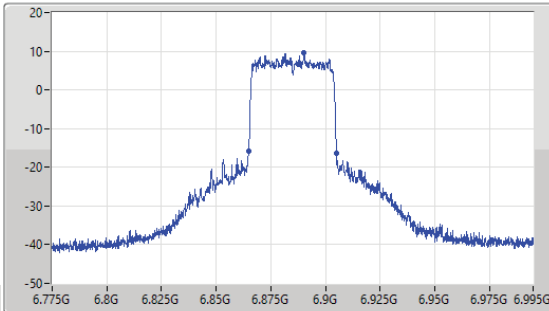
6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

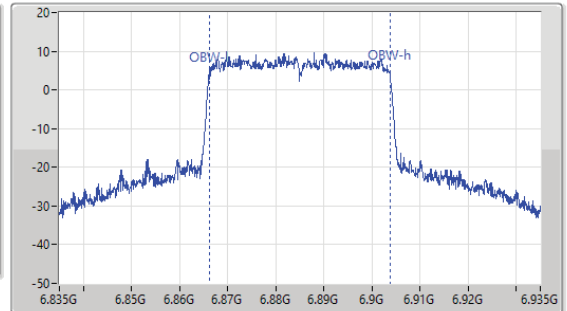
6885MHz

16/12/2022

CF
6.885GHz
Span
220MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.885GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	6.86487G	6.90513G	37.631M	6.866109G	6.903741G	Inf	1

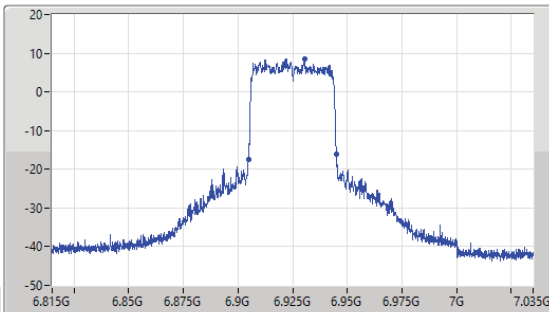
6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

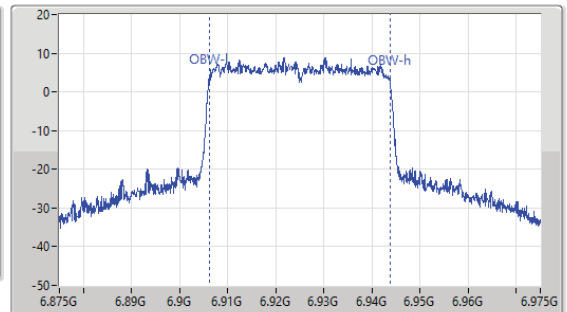
6925MHz

16/12/2022

CF
6.925GHz
Span
220MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.925GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



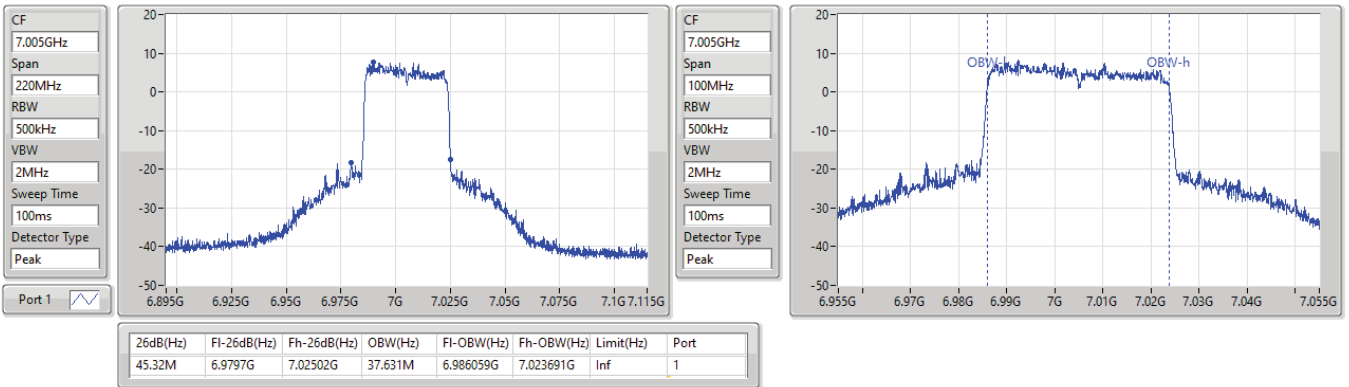
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	6.90476G	6.94502G	37.631M	6.906109G	6.943741G	Inf	1

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

7005MHz

16/12/2022

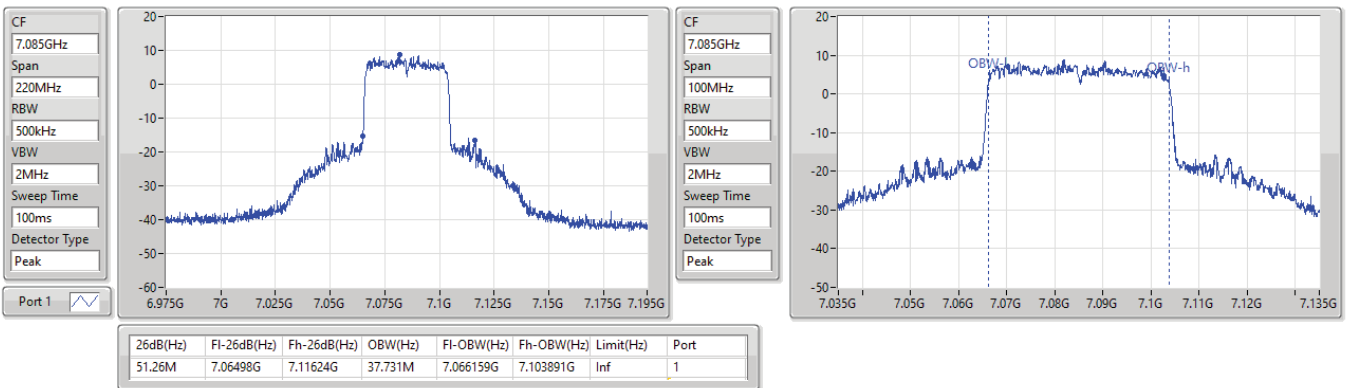


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

7085MHz

27/12/2022

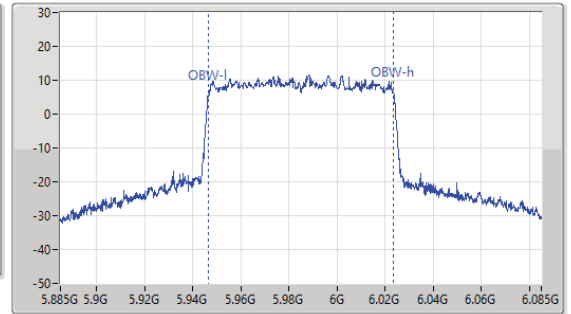
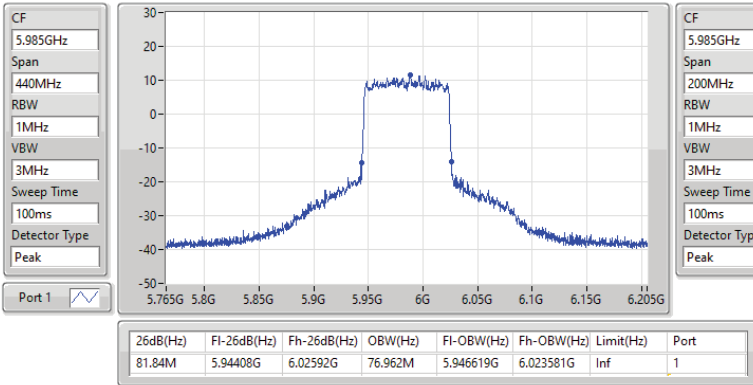


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5985MHz

27/12/2022

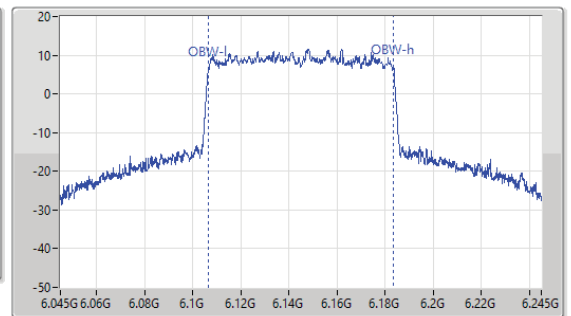
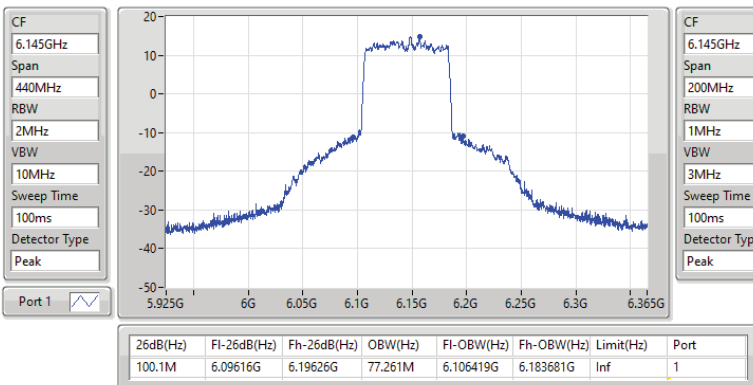


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6145MHz

16/12/2022

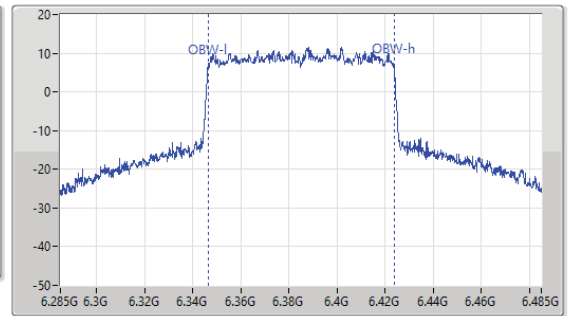
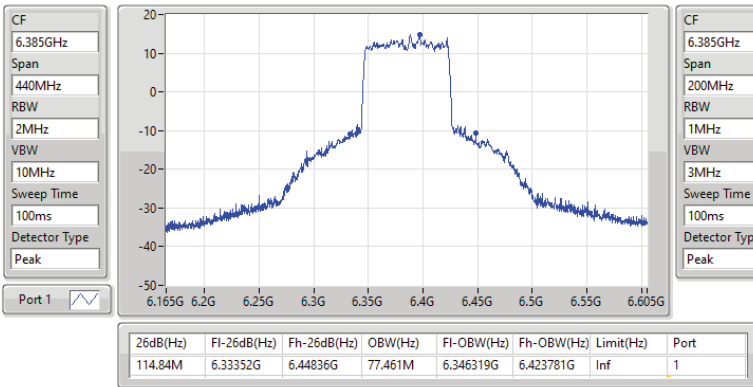


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6385MHz

16/12/2022

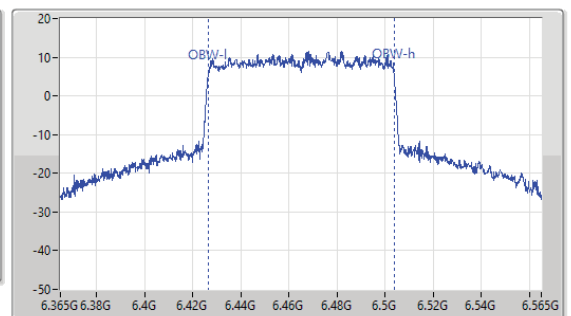
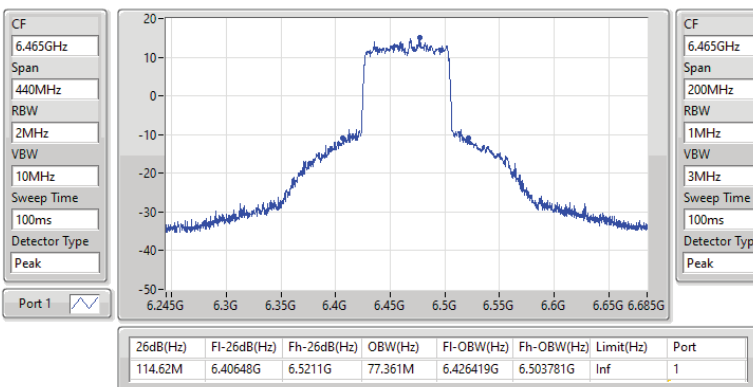


6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6465MHz

16/12/2022



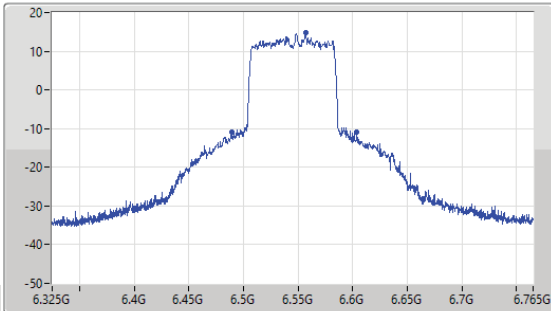
6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

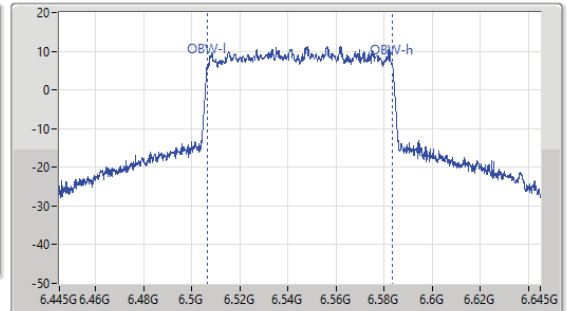
6545MHz

16/12/2022

CF
6.545GHz
Span
440MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
6.545GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
114.84M	6.48912G	6.60396G	77.261M	6.506419G	6.583681G	Inf	1

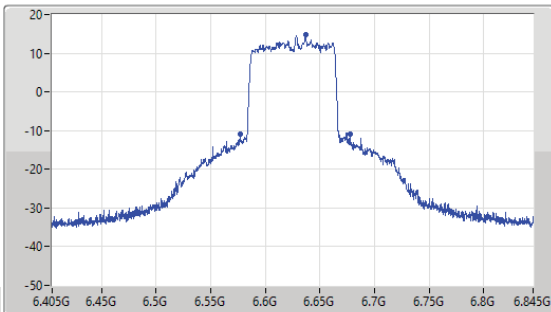
6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

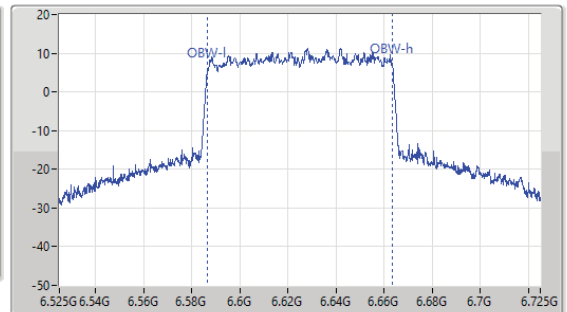
6625MHz

16/12/2022

CF
6.625GHz
Span
440MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
6.625GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



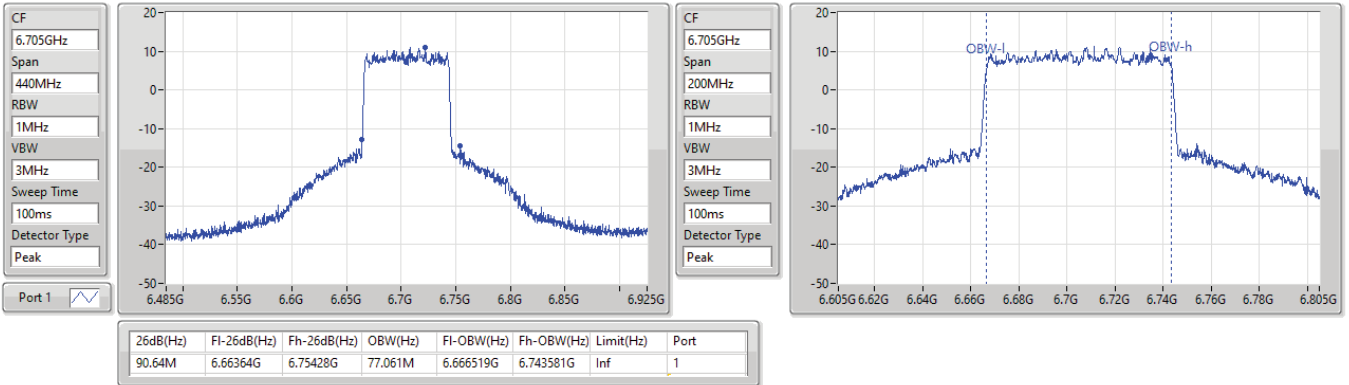
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
100.54M	6.57726G	6.6778G	77.161M	6.586519G	6.663681G	Inf	1

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6705MHz

16/12/2022

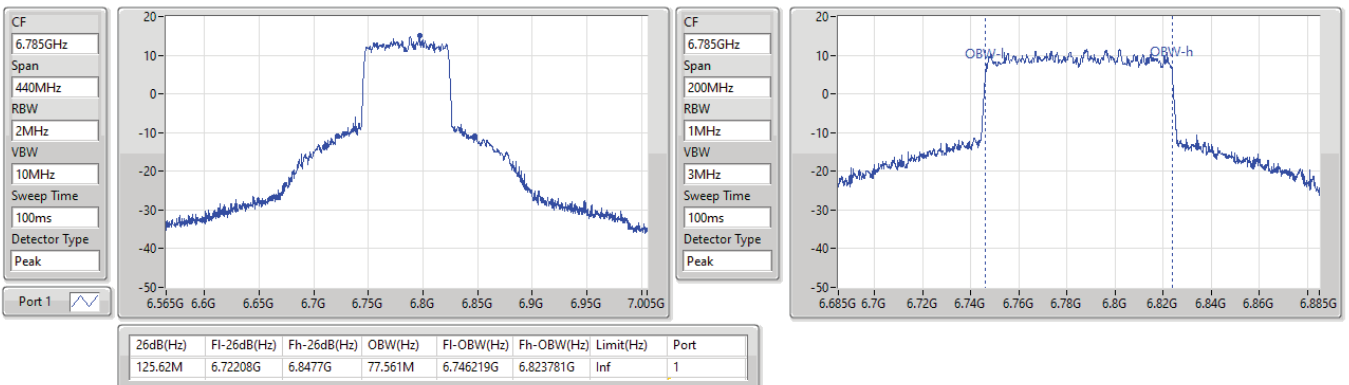


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6785MHz

16/12/2022

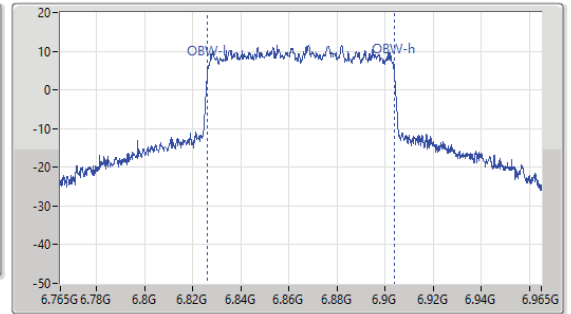
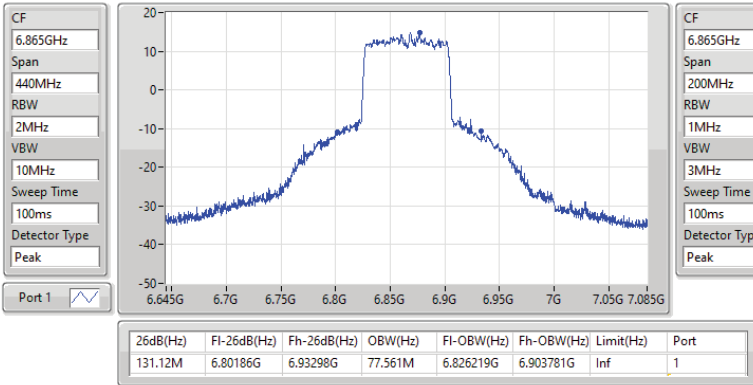


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6865MHz

16/12/2022

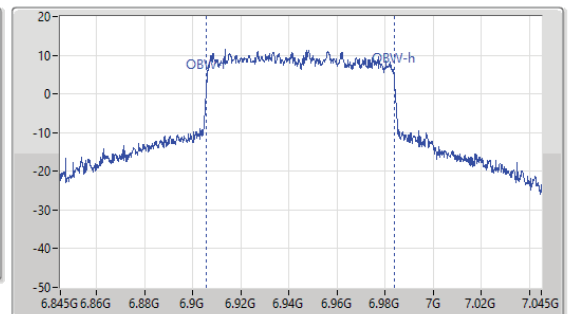
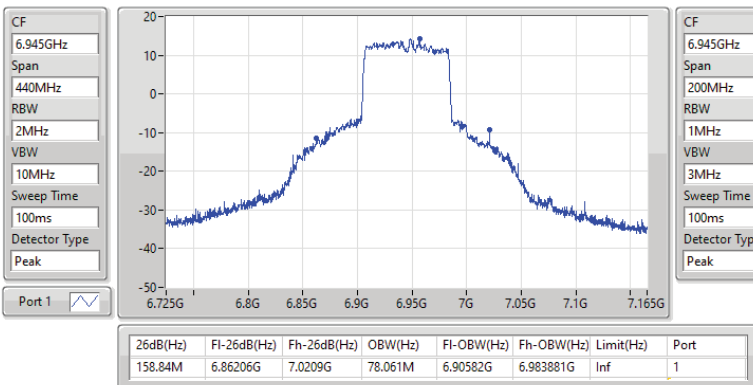


6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6945MHz

16/12/2022

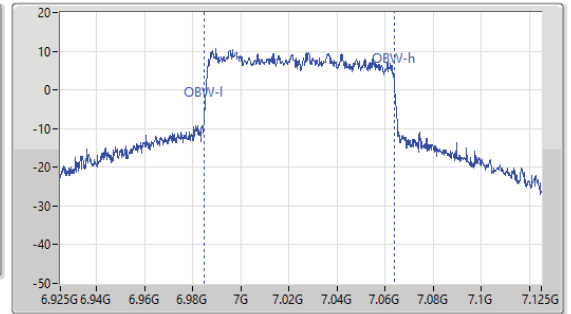
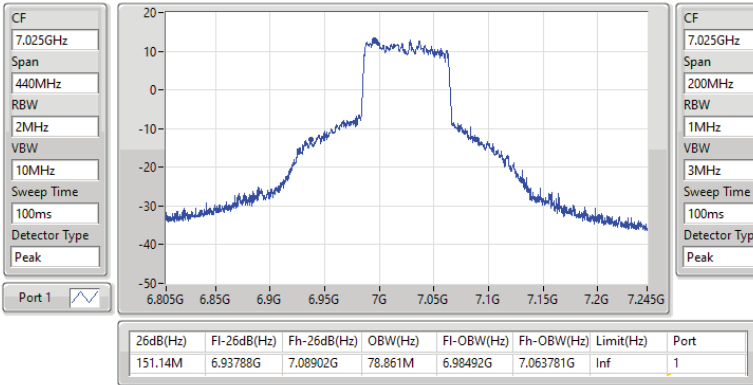


6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

7025MHz

16/12/2022

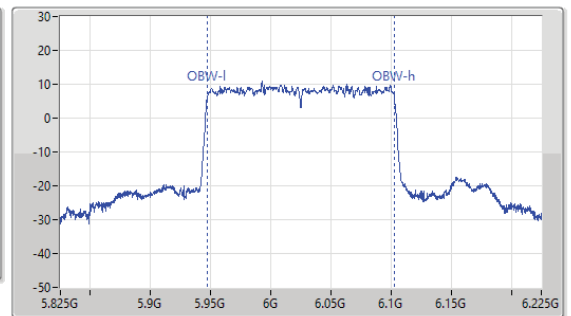
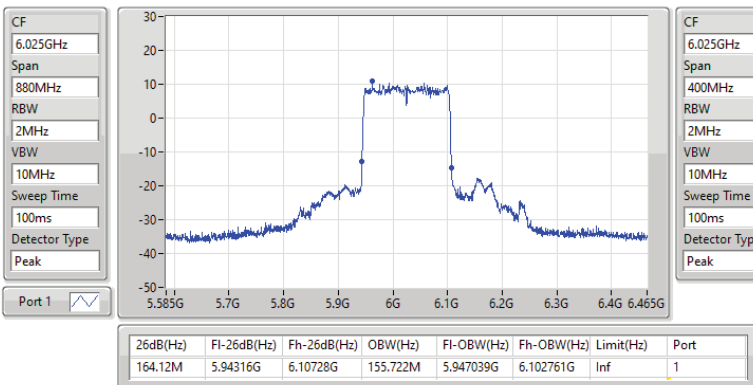


5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

6025MHz

27/12/2022

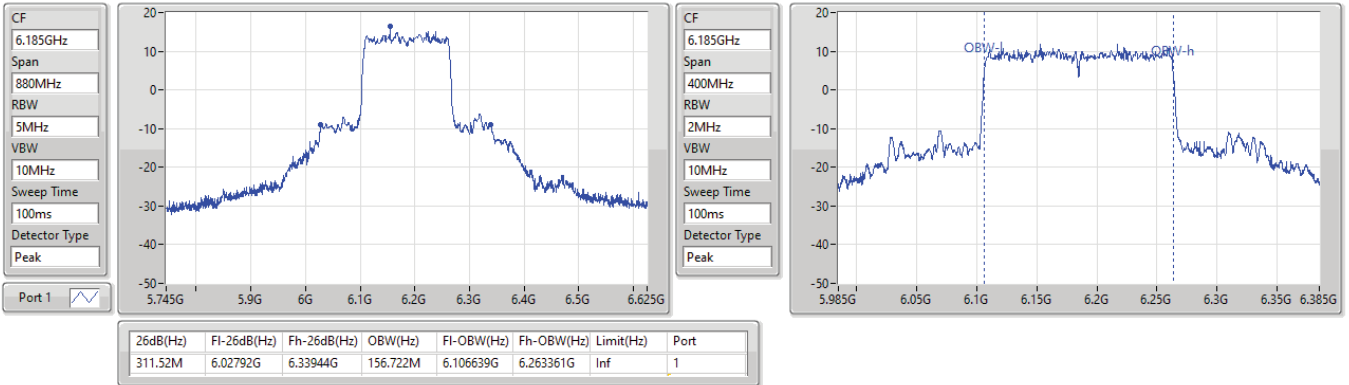


5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

6185MHz

16/12/2022

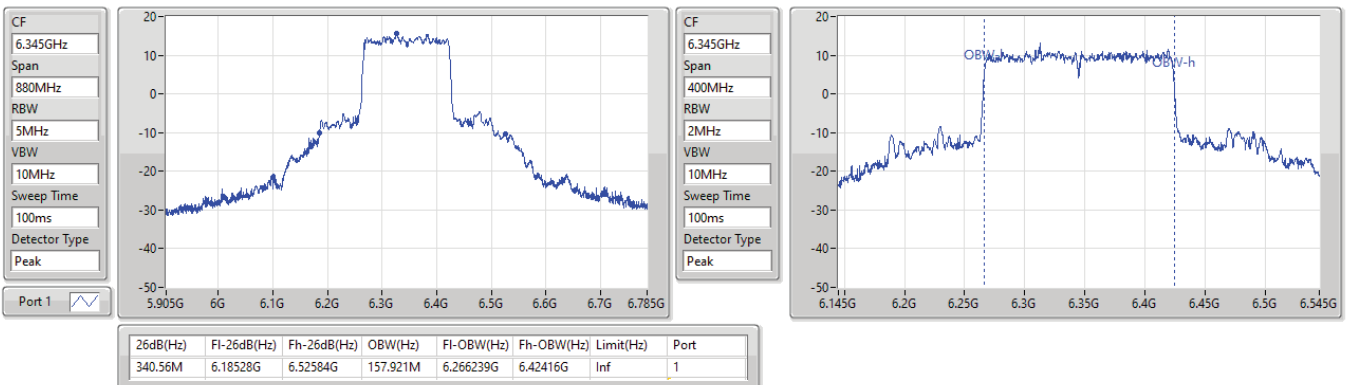


5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

6345MHz

16/12/2022

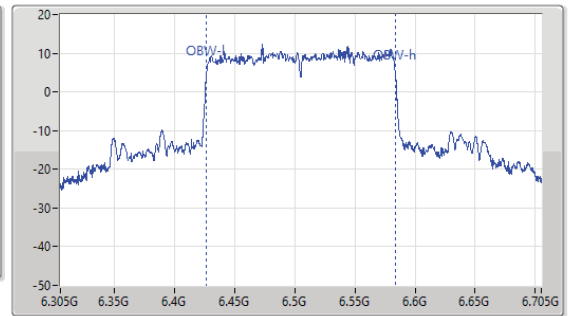
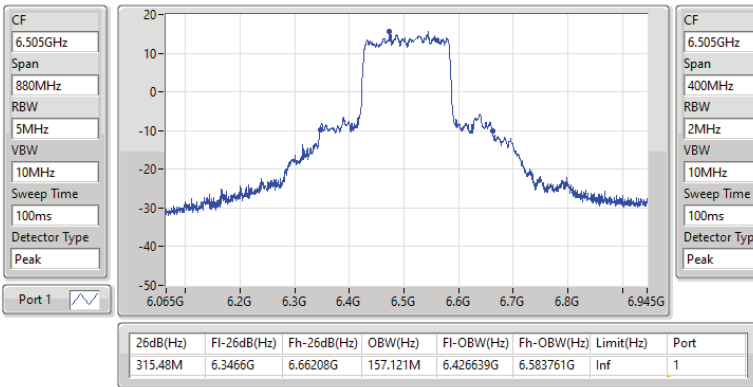


6.425-6.525GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

6505MHz

16/12/2022

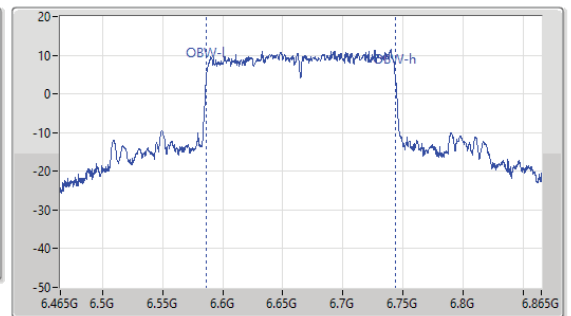
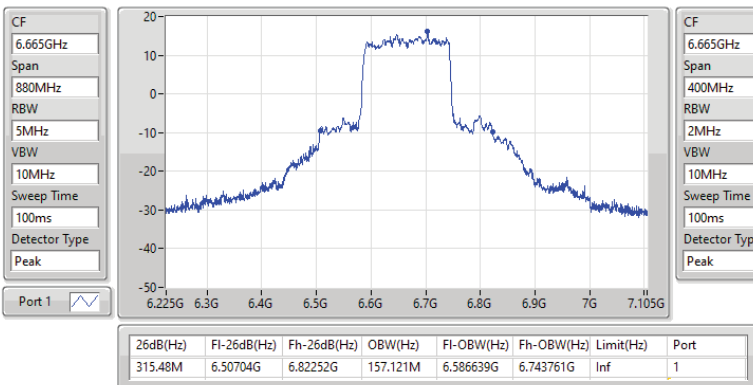


6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

6665MHz

16/12/2022



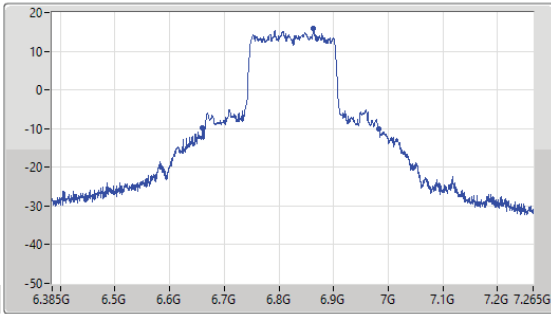
6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

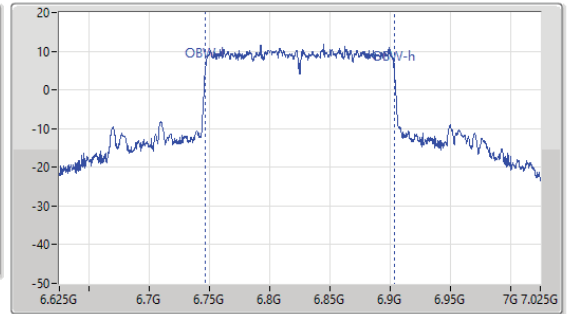
6825MHz

16/12/2022

CF
6.825GHz
Span
880MHz
RBW
5MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.825GHz
Span
400MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
322.08M	6.66G	6.98208G	157.921M	6.746039G	6.903961G	Inf	1

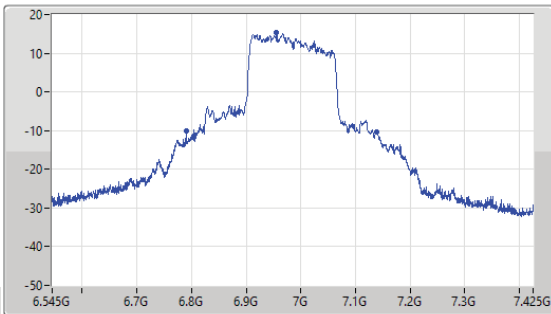
6.875-7.125GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

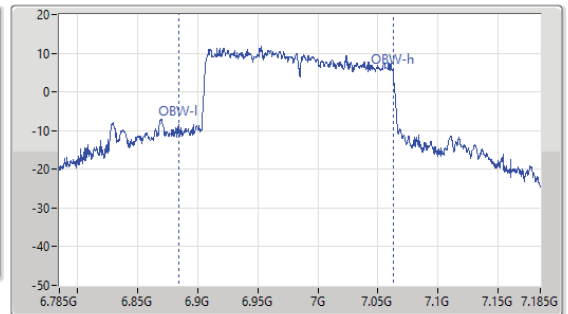
6985MHz

16/12/2022

CF
6.985GHz
Span
880MHz
RBW
5MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.985GHz
Span
400MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
348.48M	6.79052G	7.139G	179.11M	6.88405G	7.063161G	Inf	1



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	15.46	0.03516	20.57	0.11402
802.11ax HEW40_Nss1,(MCS0)_2TX	18.03	0.06353	23.14	0.20606
802.11ax HEW80_Nss1,(MCS0)_2TX	20.69	0.11722	25.80	0.38019
802.11ax HEW160_Nss1,(MCS0)_2TX	22.88	0.19409	27.99	0.62951
6.425-6.525GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	16.35	0.04315	21.46	0.13996
802.11ax HEW40_Nss1,(MCS0)_2TX	19.12	0.08166	24.23	0.26485
802.11ax HEW80_Nss1,(MCS0)_2TX	21.63	0.14555	26.74	0.47206
802.11ax HEW160_Nss1,(MCS0)_2TX	22.71	0.18664	27.82	0.60534
6.525-6.875GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	15.28	0.03373	20.39	0.10940
802.11ax HEW40_Nss1,(MCS0)_2TX	17.95	0.06237	23.06	0.20230
802.11ax HEW80_Nss1,(MCS0)_2TX	20.56	0.11376	25.67	0.36898
802.11ax HEW160_Nss1,(MCS0)_2TX	22.46	0.17620	27.57	0.57148
6.875-7.125GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	16.01	0.03990	21.12	0.12942
802.11ax HEW40_Nss1,(MCS0)_2TX	18.83	0.07638	23.94	0.24774
802.11ax HEW80_Nss1,(MCS0)_2TX	20.25	0.10593	25.36	0.34356
802.11ax HEW160_Nss1,(MCS0)_2TX	21.76	0.14997	26.87	0.48641



Average Power_Non-Beamforming_Radio 1

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.11	11.68	12.59	15.17	Inf	20.28	30.00
6175MHz	Pass	5.11	12.52	12.17	15.36	Inf	20.47	30.00
6415MHz	Pass	5.11	12.57	12.33	15.46	Inf	20.57	30.00
6435MHz	Pass	5.11	13.12	13.53	16.34	Inf	21.45	30.00
6475MHz	Pass	5.11	13.07	13.60	16.35	Inf	21.46	30.00
6515MHz	Pass	5.11	13.12	13.44	16.29	Inf	21.40	30.00
6535MHz	Pass	5.11	11.92	12.31	15.13	Inf	20.24	30.00
6695MHz	Pass	5.11	11.60	11.91	14.77	Inf	19.88	30.00
6855MHz	Pass	5.11	12.19	12.34	15.28	Inf	20.39	30.00
6875MHz	Pass	5.11	12.06	12.30	15.19	Inf	20.30	30.00
6895MHz	Pass	5.11	11.47	11.31	14.40	Inf	19.51	30.00
6995MHz	Pass	5.11	11.57	11.71	14.65	Inf	19.76	30.00
7095MHz	Pass	5.11	12.56	13.40	16.01	Inf	21.12	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.11	14.47	14.89	17.70	Inf	22.81	30.00
6165MHz	Pass	5.11	14.52	15.46	18.03	Inf	23.14	30.00
6405MHz	Pass	5.11	14.62	14.80	17.72	Inf	22.83	30.00
6445MHz	Pass	5.11	15.62	16.13	18.89	Inf	24.00	30.00
6485MHz	Pass	5.11	15.97	16.25	19.12	Inf	24.23	30.00
6525MHz	Pass	5.11	15.95	16.10	19.04	Inf	24.15	30.00
6565MHz	Pass	5.11	14.79	15.08	17.95	Inf	23.06	30.00
6685MHz	Pass	5.11	14.52	14.83	17.69	Inf	22.80	30.00
6845MHz	Pass	5.11	14.63	15.01	17.83	Inf	22.94	30.00
6885MHz	Pass	5.11	14.68	14.87	17.79	Inf	22.90	30.00
6925MHz	Pass	5.11	13.89	14.47	17.20	Inf	22.31	30.00
7005MHz	Pass	5.11	13.78	14.58	17.21	Inf	22.32	30.00
7085MHz	Pass	5.11	15.32	16.27	18.83	Inf	23.94	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	5.11	17.46	17.02	20.26	Inf	25.37	30.00
6145MHz	Pass	5.11	17.55	17.66	20.62	Inf	25.73	30.00
6385MHz	Pass	5.11	17.68	17.68	20.69	Inf	25.80	30.00
6465MHz	Pass	5.11	18.54	18.53	21.55	Inf	26.66	30.00
6545MHz	Pass	5.11	18.68	18.55	21.63	Inf	26.74	30.00
6625MHz	Pass	5.11	17.54	17.06	20.32	Inf	25.43	30.00
6705MHz	Pass	5.11	17.39	17.31	20.36	Inf	25.47	30.00
6785MHz	Pass	5.11	17.42	17.32	20.38	Inf	25.49	30.00
6865MHz	Pass	5.11	17.85	17.23	20.56	Inf	25.67	30.00
6945MHz	Pass	5.11	17.05	16.71	19.89	Inf	25.00	30.00
7025MHz	Pass	5.11	17.29	17.18	20.25	Inf	25.36	30.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	5.11	20.10	19.59	22.86	Inf	27.97	30.00
6185MHz	Pass	5.11	19.43	19.81	22.63	Inf	27.74	30.00
6345MHz	Pass	5.11	20.00	19.74	22.88	Inf	27.99	30.00
6505MHz	Pass	5.11	19.84	19.56	22.71	Inf	27.82	30.00
6665MHz	Pass	5.11	19.77	19.10	22.46	Inf	27.57	30.00
6825MHz	Pass	5.11	19.65	18.98	22.34	Inf	27.45	30.00
6985MHz	Pass	5.11	18.79	18.71	21.76	Inf	26.87	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	15.85	0.03846	19.01	0.07962
802.11ax HEW40_Nss1,(MCS0)_1TX	18.57	0.07194	21.73	0.14894
802.11ax HEW80_Nss1,(MCS0)_1TX	19.45	0.08810	22.61	0.18239
802.11ax HEW160_Nss1,(MCS0)_1TX	19.59	0.09099	22.75	0.18836
6.425-6.525GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	15.95	0.03936	19.11	0.08147
802.11ax HEW40_Nss1,(MCS0)_1TX	18.80	0.07586	21.96	0.15704
802.11ax HEW80_Nss1,(MCS0)_1TX	19.31	0.08531	22.47	0.17660
802.11ax HEW160_Nss1,(MCS0)_1TX	19.02	0.07980	22.18	0.16520
6.525-6.875GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	15.93	0.03917	19.09	0.08110
802.11ax HEW40_Nss1,(MCS0)_1TX	18.58	0.07211	21.74	0.14928
802.11ax HEW80_Nss1,(MCS0)_1TX	19.55	0.09016	22.71	0.18664
802.11ax HEW160_Nss1,(MCS0)_1TX	19.37	0.08650	22.53	0.17906
6.875-7.125GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	17.06	0.05082	20.22	0.10520
802.11ax HEW40_Nss1,(MCS0)_1TX	18.60	0.07244	21.76	0.14997
802.11ax HEW80_Nss1,(MCS0)_1TX	19.21	0.08337	22.37	0.17258
802.11ax HEW160_Nss1,(MCS0)_1TX	19.11	0.08147	22.27	0.16866



Average Power_Non-Beamforming_Radio 2

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5955MHz	Pass	3.16	15.66	15.66	Inf	18.82	30.00
6175MHz	Pass	3.16	15.74	15.74	Inf	18.90	30.00
6415MHz	Pass	3.16	15.85	15.85	Inf	19.01	30.00
6435MHz	Pass	3.16	15.79	15.79	Inf	18.95	30.00
6475MHz	Pass	3.16	15.95	15.95	Inf	19.11	30.00
6515MHz	Pass	3.16	15.71	15.71	Inf	18.87	30.00
6535MHz	Pass	3.16	15.78	15.78	Inf	18.94	30.00
6695MHz	Pass	3.16	15.66	15.66	Inf	18.82	30.00
6855MHz	Pass	3.16	15.69	15.69	Inf	18.85	30.00
6875MHz	Pass	3.16	15.93	15.93	Inf	19.09	30.00
6895MHz	Pass	3.16	15.75	15.75	Inf	18.91	30.00
6995MHz	Pass	3.16	15.83	15.83	Inf	18.99	30.00
7095MHz	Pass	3.16	17.06	17.06	Inf	20.22	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5965MHz	Pass	3.16	18.35	18.35	Inf	21.51	30.00
6165MHz	Pass	3.16	18.57	18.57	Inf	21.73	30.00
6405MHz	Pass	3.16	18.38	18.38	Inf	21.54	30.00
6445MHz	Pass	3.16	18.79	18.79	Inf	21.95	30.00
6485MHz	Pass	3.16	18.80	18.80	Inf	21.96	30.00
6525MHz	Pass	3.16	18.58	18.58	Inf	21.74	30.00
6565MHz	Pass	3.16	18.58	18.58	Inf	21.74	30.00
6685MHz	Pass	3.16	18.28	18.28	Inf	21.44	30.00
6845MHz	Pass	3.16	18.45	18.45	Inf	21.61	30.00
6885MHz	Pass	3.16	18.40	18.40	Inf	21.56	30.00
6925MHz	Pass	3.16	18.36	18.36	Inf	21.52	30.00
7005MHz	Pass	3.16	18.60	18.60	Inf	21.76	30.00
7085MHz	Pass	3.16	17.81	17.81	Inf	20.97	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5985MHz	Pass	3.16	18.75	18.75	Inf	21.91	30.00
6145MHz	Pass	3.16	19.45	19.45	Inf	22.61	30.00
6385MHz	Pass	3.16	19.36	19.36	Inf	22.52	30.00
6465MHz	Pass	3.16	19.31	19.31	Inf	22.47	30.00
6545MHz	Pass	3.16	19.18	19.18	Inf	22.34	30.00
6625MHz	Pass	3.16	18.90	18.90	Inf	22.06	30.00
6705MHz	Pass	3.16	18.72	18.72	Inf	21.88	30.00
6785MHz	Pass	3.16	19.55	19.55	Inf	22.71	30.00
6865MHz	Pass	3.16	19.47	19.47	Inf	22.63	30.00
6945MHz	Pass	3.16	19.21	19.21	Inf	22.37	30.00
7025MHz	Pass	3.16	19.18	19.18	Inf	22.34	30.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
6025MHz	Pass	3.16	18.05	18.05	Inf	21.21	30.00
6185MHz	Pass	3.16	18.93	18.93	Inf	22.09	30.00
6345MHz	Pass	3.16	19.59	19.59	Inf	22.75	30.00
6505MHz	Pass	3.16	19.02	19.02	Inf	22.18	30.00
6665MHz	Pass	3.16	19.25	19.25	Inf	22.41	30.00
6825MHz	Pass	3.16	19.37	19.37	Inf	22.53	30.00
6985MHz	Pass	3.16	19.11	19.11	Inf	22.27	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	15.45	0.03508	19.84	0.09638
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	18.00	0.06310	22.39	0.17338
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.64	0.11588	25.03	0.31842
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	22.83	0.19187	27.22	0.52723
6.425-6.525GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	16.31	0.04276	19.62	0.09162
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	19.09	0.08110	22.40	0.17378
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.55	0.14289	24.86	0.30620
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	22.66	0.18450	25.97	0.39537
6.525-6.875GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	15.25	0.03350	19.70	0.09333
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	17.94	0.06223	22.39	0.17338
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.52	0.11272	24.97	0.31405
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	22.41	0.17418	26.86	0.48529
6.875-7.125GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	15.93	0.03917	21.09	0.12853
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	18.81	0.07603	23.97	0.24946
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.23	0.10544	25.39	0.34594
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	20.45	0.11092	25.61	0.36392



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	4.39	11.61	12.52	15.10	Inf	19.49	30.00
6175MHz	Pass	4.39	12.45	12.10	15.29	Inf	19.68	30.00
6415MHz	Pass	4.39	12.56	12.32	15.45	Inf	19.84	30.00
6435MHz	Pass	3.31	13.04	13.45	16.26	Inf	19.57	30.00
6475MHz	Pass	3.31	13.03	13.56	16.31	Inf	19.62	30.00
6515MHz	Pass	3.31	13.05	13.37	16.22	Inf	19.53	30.00
6535MHz	Pass	4.45	11.90	12.29	15.11	Inf	19.56	30.00
6695MHz	Pass	4.45	11.54	11.85	14.71	Inf	19.16	30.00
6855MHz	Pass	4.45	12.16	12.31	15.25	Inf	19.70	30.00
6875MHz	Pass	4.45	12.01	12.25	15.14	Inf	19.59	30.00
6895MHz	Pass	5.16	11.45	11.29	14.38	Inf	19.54	30.00
6995MHz	Pass	5.16	11.54	11.68	14.62	Inf	19.78	30.00
7095MHz	Pass	5.16	12.48	13.32	15.93	Inf	21.09	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	4.39	14.40	14.82	17.63	Inf	22.02	30.00
6165MHz	Pass	4.39	14.49	15.43	18.00	Inf	22.39	30.00
6405MHz	Pass	4.39	14.60	14.78	17.70	Inf	22.09	30.00
6445MHz	Pass	3.31	15.56	16.07	18.83	Inf	22.14	30.00
6485MHz	Pass	3.31	15.94	16.22	19.09	Inf	22.40	30.00
6525MHz	Pass	3.31	15.89	16.04	18.98	Inf	22.29	30.00
6565MHz	Pass	4.45	14.78	15.07	17.94	Inf	22.39	30.00
6685MHz	Pass	4.45	14.47	14.78	17.64	Inf	22.09	30.00
6845MHz	Pass	4.45	14.57	14.95	17.77	Inf	22.22	30.00
6885MHz	Pass	4.45	14.65	14.84	17.76	Inf	22.21	30.00
6925MHz	Pass	5.16	13.81	14.39	17.12	Inf	22.28	30.00
7005MHz	Pass	5.16	13.71	14.51	17.14	Inf	22.30	30.00
7085MHz	Pass	5.16	15.30	16.25	18.81	Inf	23.97	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	4.39	17.39	16.95	20.19	Inf	24.58	30.00
6145MHz	Pass	4.39	17.51	17.62	20.58	Inf	24.97	30.00
6385MHz	Pass	4.39	17.63	17.63	20.64	Inf	25.03	30.00
6465MHz	Pass	3.31	18.53	18.52	21.54	Inf	24.85	30.00
6545MHz	Pass	3.31	18.60	18.47	21.55	Inf	24.86	30.00
6625MHz	Pass	4.45	17.47	16.99	20.25	Inf	24.70	30.00
6705MHz	Pass	4.45	17.35	17.27	20.32	Inf	24.77	30.00
6785MHz	Pass	4.45	17.41	17.31	20.37	Inf	24.82	30.00
6865MHz	Pass	4.45	17.81	17.19	20.52	Inf	24.97	30.00
6945MHz	Pass	5.16	17.03	16.69	19.87	Inf	25.03	30.00
7025MHz	Pass	5.16	17.27	17.16	20.23	Inf	25.39	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	4.39	20.06	19.55	22.82	Inf	27.21	30.00
6185MHz	Pass	4.39	19.40	19.78	22.60	Inf	26.99	30.00
6345MHz	Pass	4.39	19.95	19.69	22.83	Inf	27.22	30.00
6505MHz	Pass	3.31	19.79	19.51	22.66	Inf	25.97	30.00
6665MHz	Pass	4.45	19.72	19.05	22.41	Inf	26.86	30.00
6825MHz	Pass	4.45	19.62	18.95	22.31	Inf	26.76	30.00
6985MHz	Pass	5.16	18.71	15.65	20.45	Inf	25.61	30.00

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



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.925-6.425GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	0.58	4.97
802.11ax HEW40_Nss1,(MCS0)_2TX	0.55	4.94
802.11ax HEW80_Nss1,(MCS0)_2TX	0.55	4.94
802.11ax HEW160_Nss1,(MCS0)_2TX	-0.16	4.23
6.425-6.525GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	1.56	4.87
802.11ax HEW40_Nss1,(MCS0)_2TX	1.66	4.97
802.11ax HEW80_Nss1,(MCS0)_2TX	1.64	4.95
802.11ax HEW160_Nss1,(MCS0)_2TX	-0.21	3.10
6.525-6.875GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	0.48	4.93
802.11ax HEW40_Nss1,(MCS0)_2TX	0.47	4.92
802.11ax HEW80_Nss1,(MCS0)_2TX	0.52	4.97
802.11ax HEW160_Nss1,(MCS0)_2TX	-0.38	4.07
6.875-7.125GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-0.20	4.96
802.11ax HEW40_Nss1,(MCS0)_2TX	-0.18	4.98
802.11ax HEW80_Nss1,(MCS0)_2TX	-0.28	4.88
802.11ax HEW160_Nss1,(MCS0)_2TX	-1.05	4.11

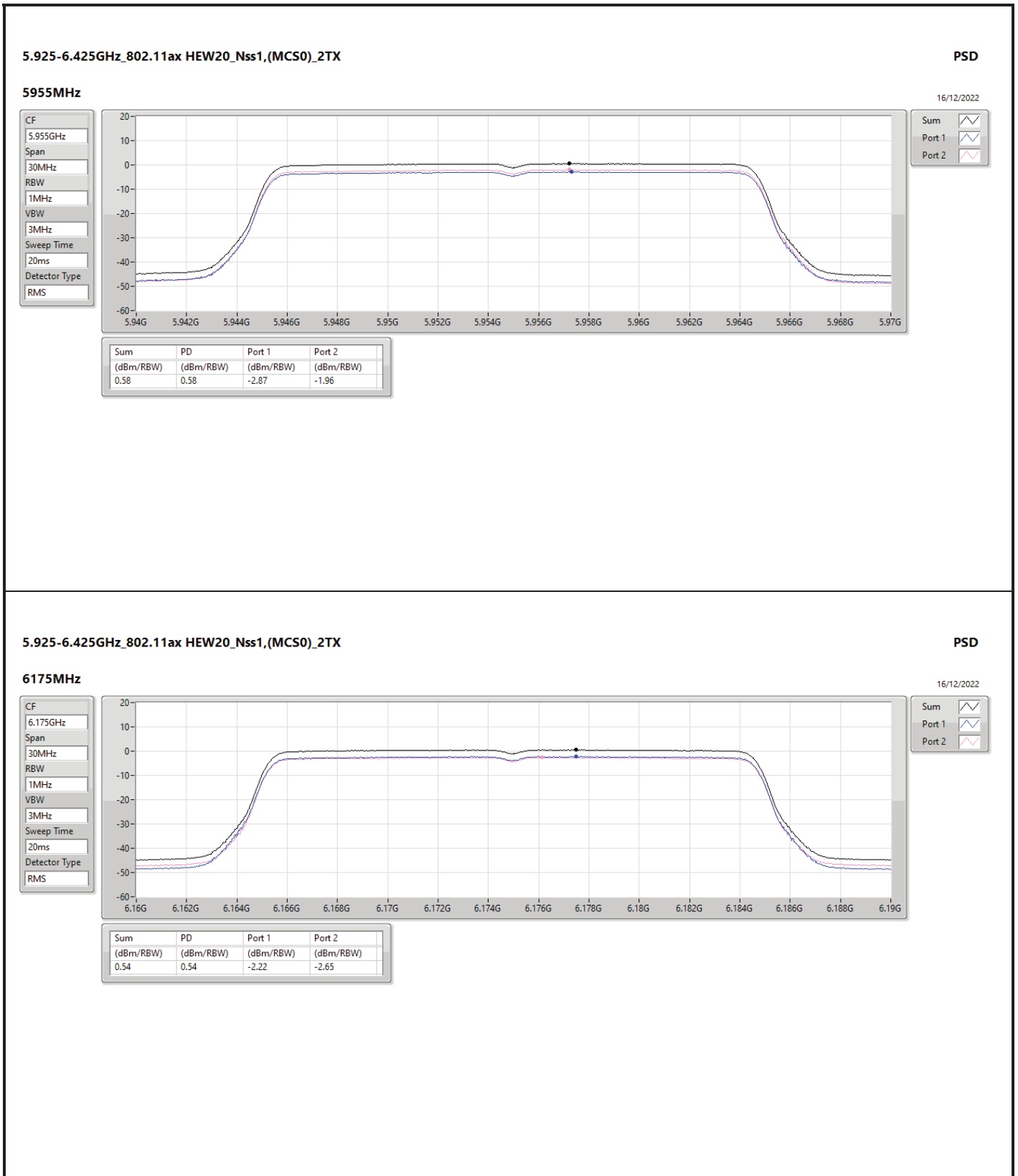
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

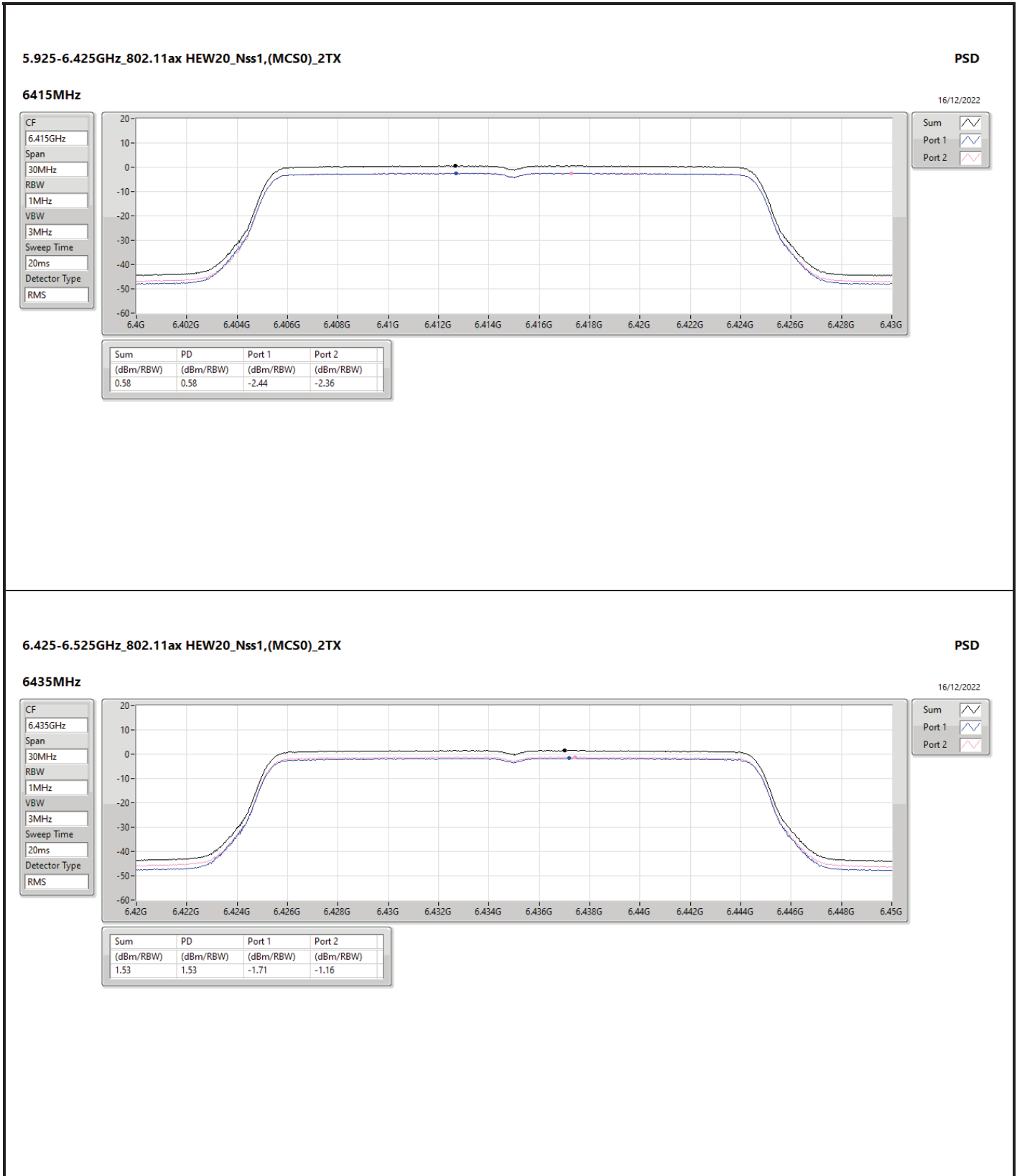


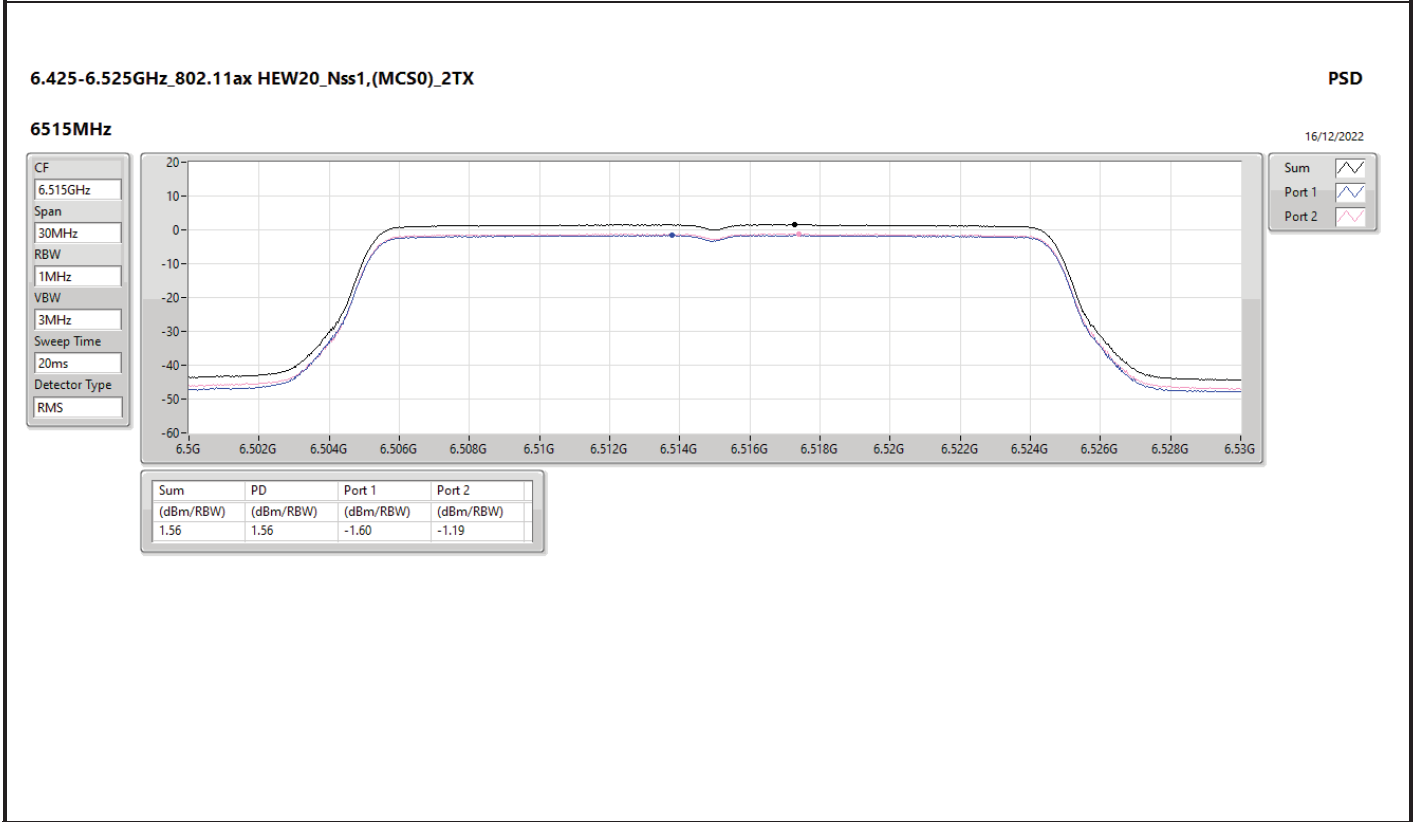
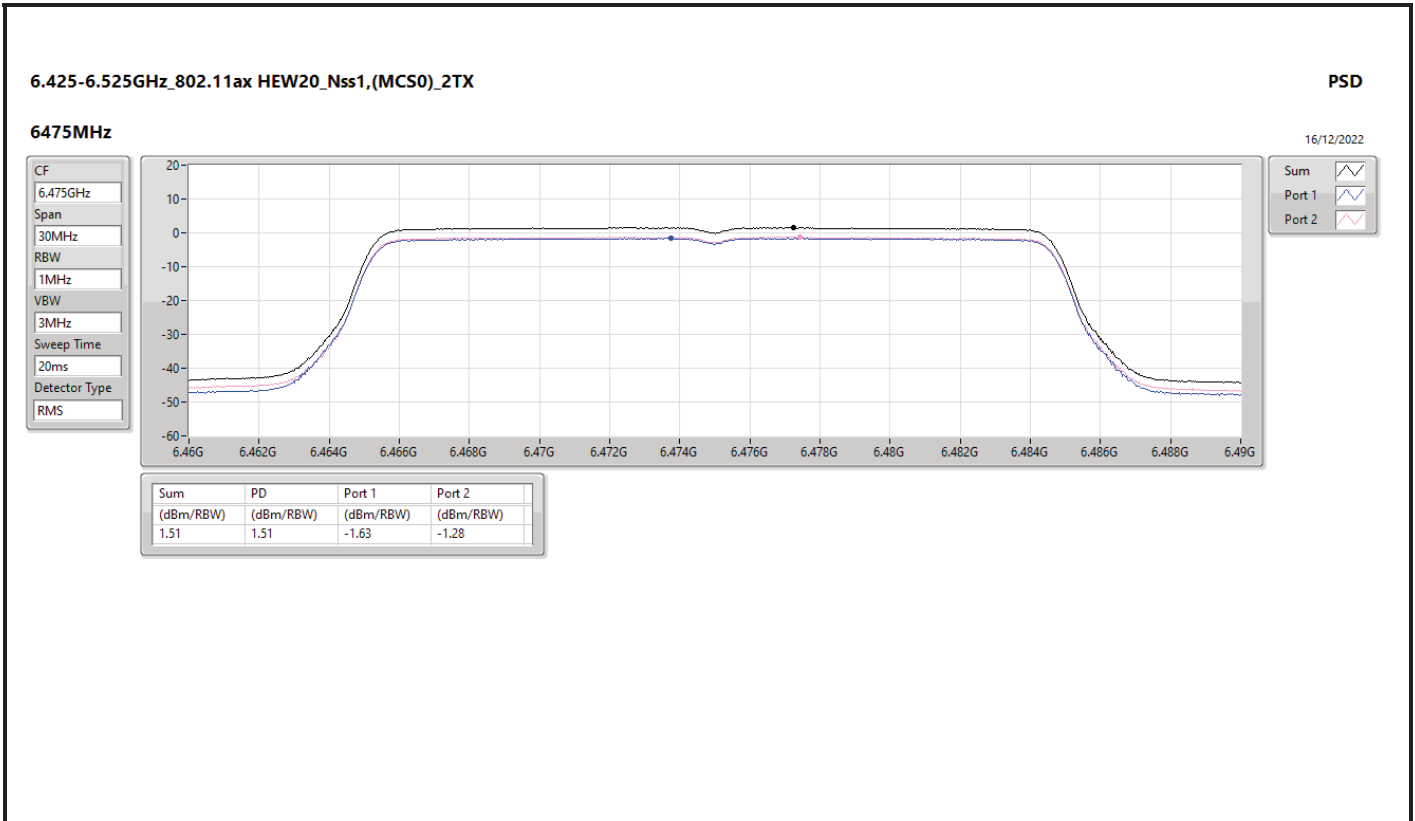
Result

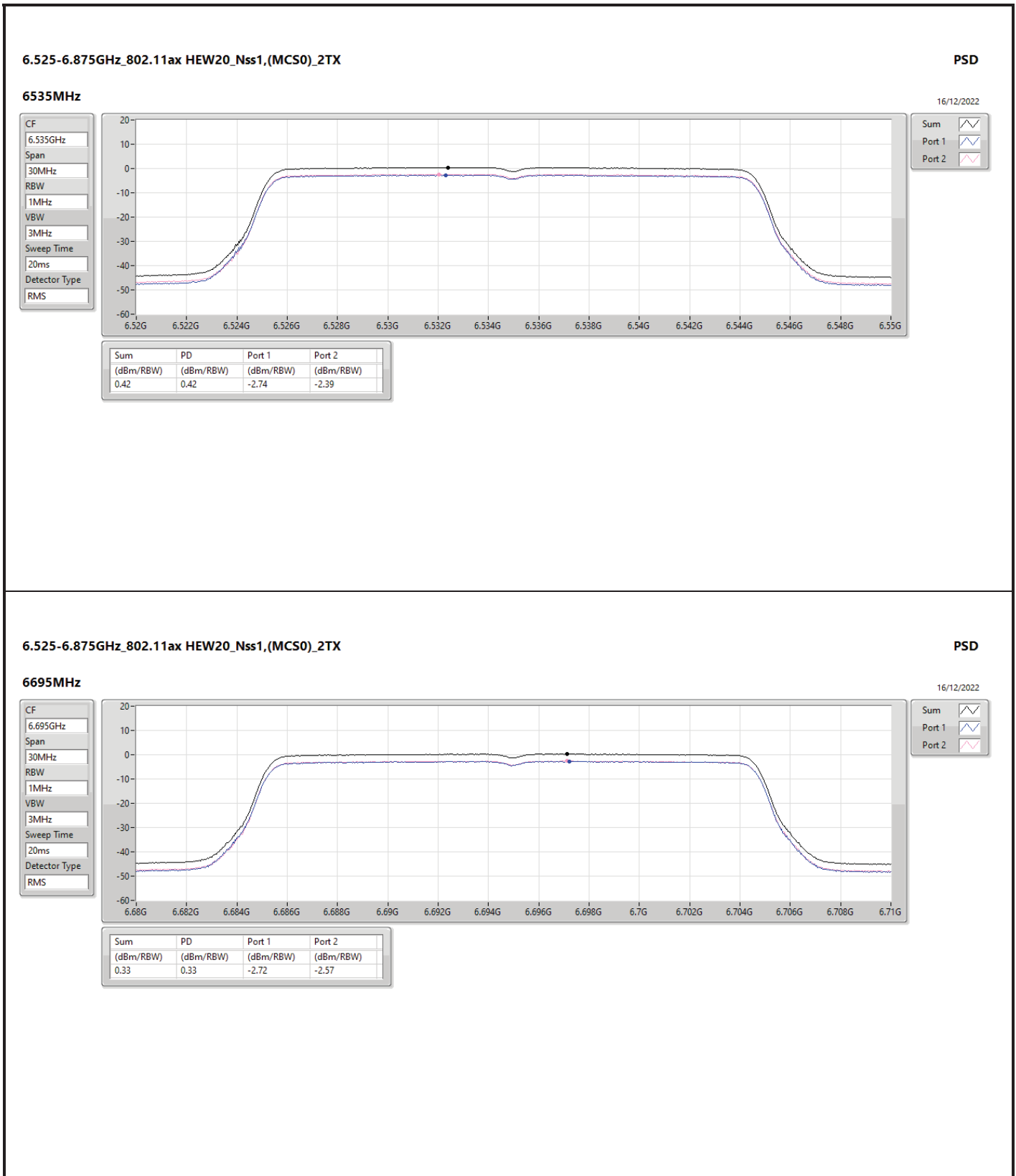
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	4.39	-2.87	-1.96	0.58	Inf	4.97	5.00
6175MHz	Pass	4.39	-2.22	-2.65	0.54	Inf	4.93	5.00
6415MHz	Pass	4.39	-2.44	-2.36	0.58	Inf	4.97	5.00
6435MHz	Pass	3.31	-1.71	-1.16	1.53	Inf	4.84	5.00
6475MHz	Pass	3.31	-1.63	-1.28	1.51	Inf	4.82	5.00
6515MHz	Pass	3.31	-1.60	-1.19	1.56	Inf	4.87	5.00
6535MHz	Pass	4.45	-2.74	-2.39	0.42	Inf	4.87	5.00
6695MHz	Pass	4.45	-2.72	-2.57	0.33	Inf	4.78	5.00
6855MHz	Pass	4.45	-2.48	-2.44	0.48	Inf	4.93	5.00
6875MHz	Pass	4.45	-2.62	-2.44	0.44	Inf	4.89	5.00
6895MHz	Pass	5.16	-3.15	-3.11	-0.22	Inf	4.94	5.00
6995MHz	Pass	5.16	-3.46	-2.99	-0.22	Inf	4.94	5.00
7095MHz	Pass	5.16	-3.48	-2.83	-0.20	Inf	4.96	5.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	4.39	-2.72	-2.34	0.41	Inf	4.80	5.00
6165MHz	Pass	4.39	-2.93	-2.01	0.55	Inf	4.94	5.00
6405MHz	Pass	4.39	-2.71	-2.44	0.40	Inf	4.79	5.00
6445MHz	Pass	3.31	-1.69	-1.06	1.56	Inf	4.87	5.00
6485MHz	Pass	3.31	-1.41	-1.16	1.66	Inf	4.97	5.00
6525MHz	Pass	3.31	-1.53	-1.25	1.59	Inf	4.90	5.00
6565MHz	Pass	4.45	-2.66	-2.20	0.47	Inf	4.92	5.00
6685MHz	Pass	4.45	-2.66	-2.44	0.40	Inf	4.85	5.00
6845MHz	Pass	4.45	-2.75	-2.48	0.35	Inf	4.80	5.00
6885MHz	Pass	4.45	-2.67	-2.44	0.39	Inf	4.84	5.00
6925MHz	Pass	5.16	-3.44	-2.84	-0.18	Inf	4.98	5.00
7005MHz	Pass	5.16	-3.57	-2.83	-0.26	Inf	4.90	5.00
7085MHz	Pass	5.16	-3.90	-3.01	-0.47	Inf	4.69	5.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	4.39	-2.23	-2.82	0.49	Inf	4.88	5.00
6145MHz	Pass	4.39	-2.51	-2.44	0.54	Inf	4.93	5.00
6385MHz	Pass	4.39	-2.29	-2.53	0.55	Inf	4.94	5.00
6465MHz	Pass	3.31	-1.38	-1.45	1.49	Inf	4.80	5.00
6545MHz	Pass	3.31	-1.27	-1.36	1.64	Inf	4.95	5.00
6625MHz	Pass	4.45	-2.49	-2.78	0.34	Inf	4.79	5.00
6705MHz	Pass	4.45	-2.41	-2.41	0.52	Inf	4.97	5.00
6785MHz	Pass	4.45	-2.47	-2.61	0.46	Inf	4.91	5.00
6865MHz	Pass	4.45	-2.26	-2.81	0.41	Inf	4.86	5.00
6945MHz	Pass	5.16	-3.04	-3.34	-0.28	Inf	4.88	5.00
7025MHz	Pass	5.16	-2.99	-3.54	-0.28	Inf	4.88	5.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	4.39	-2.81	-3.11	-0.16	Inf	4.23	5.00
6185MHz	Pass	4.39	-3.60	-3.17	-0.52	Inf	3.87	5.00
6345MHz	Pass	4.39	-2.89	-3.24	-0.20	Inf	4.19	5.00
6505MHz	Pass	3.31	-3.12	-3.18	-0.21	Inf	3.10	5.00
6665MHz	Pass	4.45	-2.73	-3.71	-0.41	Inf	4.04	5.00
6825MHz	Pass	4.45	-3.14	-3.56	-0.38	Inf	4.07	5.00
6985MHz	Pass	5.16	-3.64	-4.12	-1.05	Inf	4.11	5.00

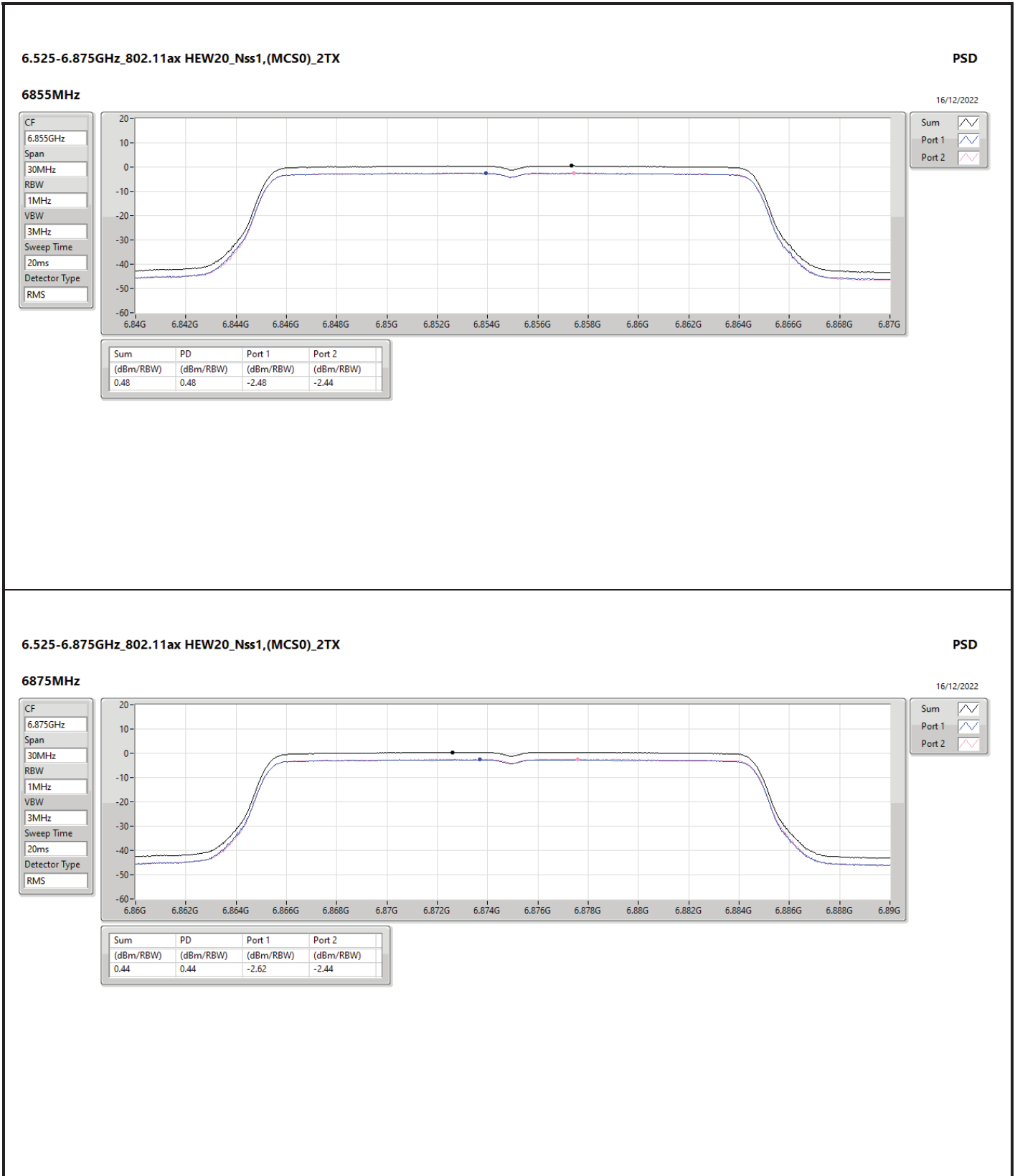
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

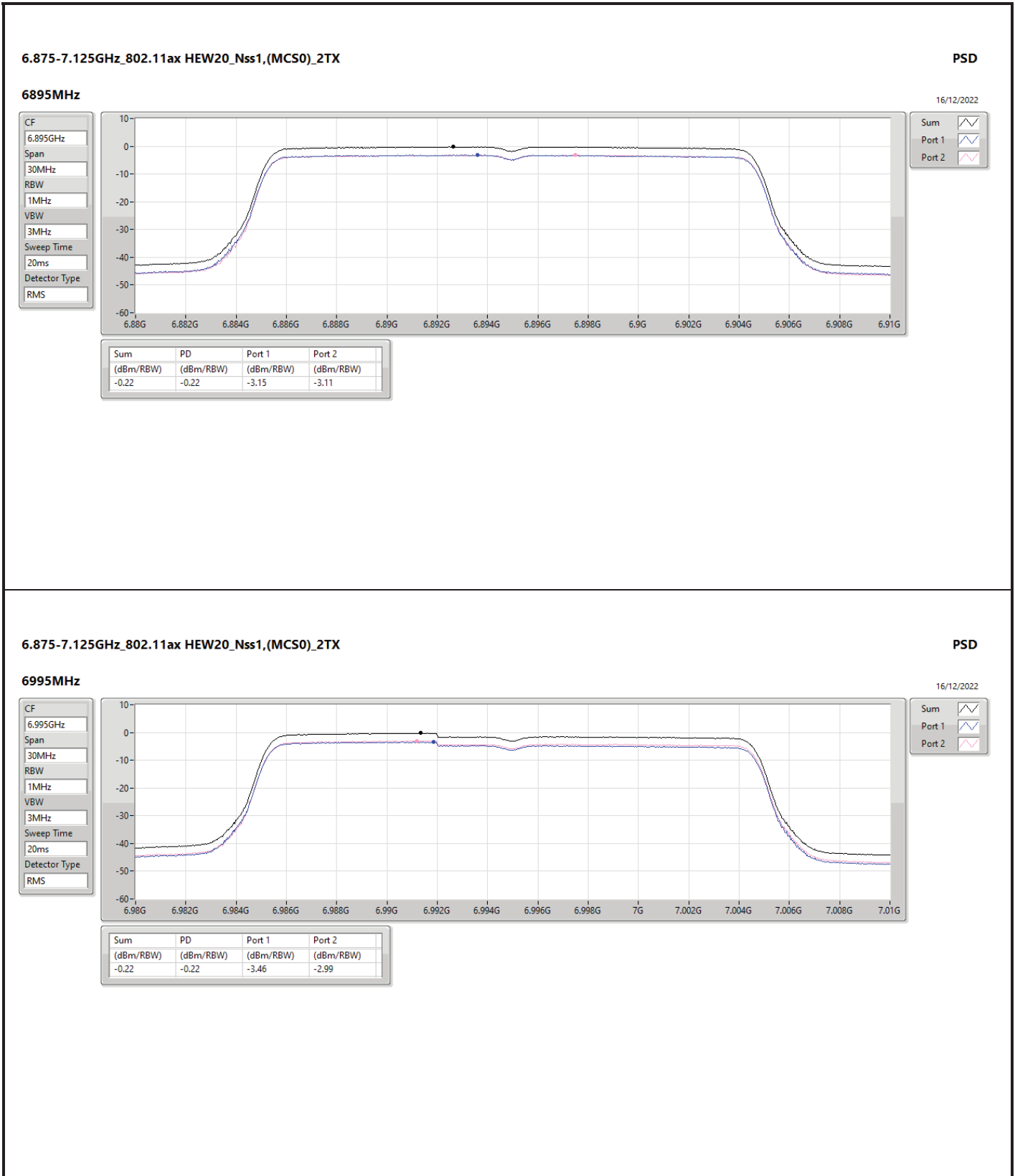




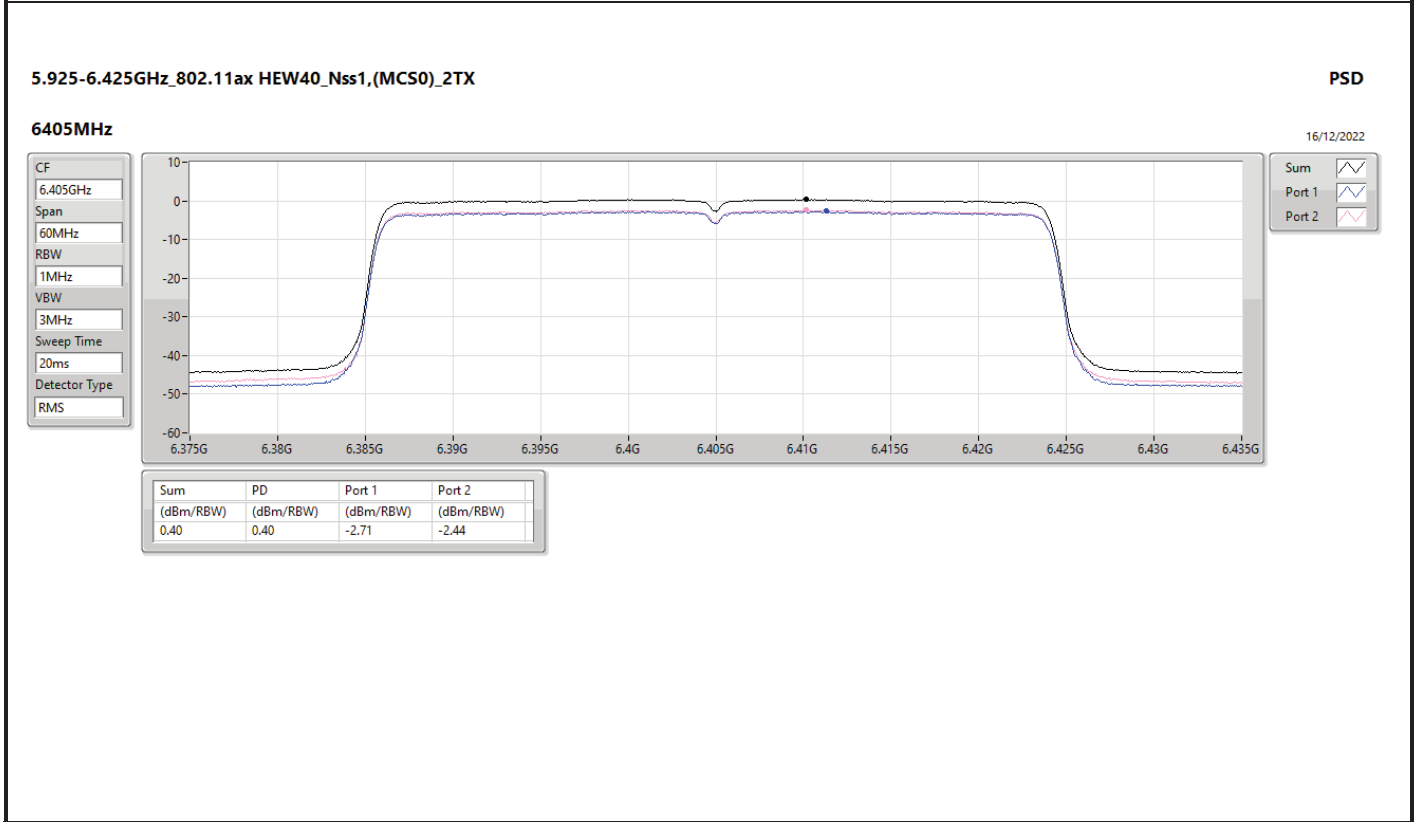
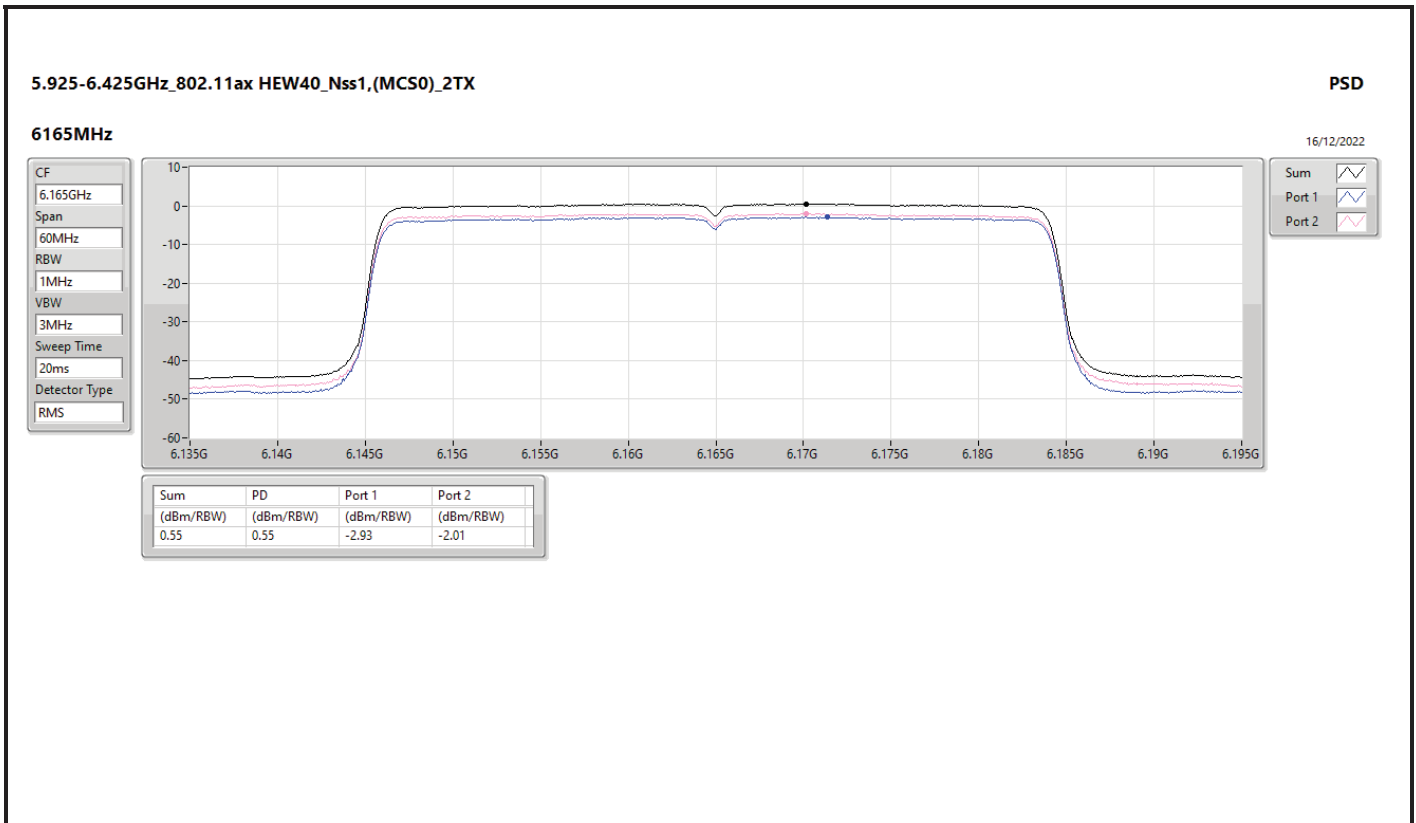


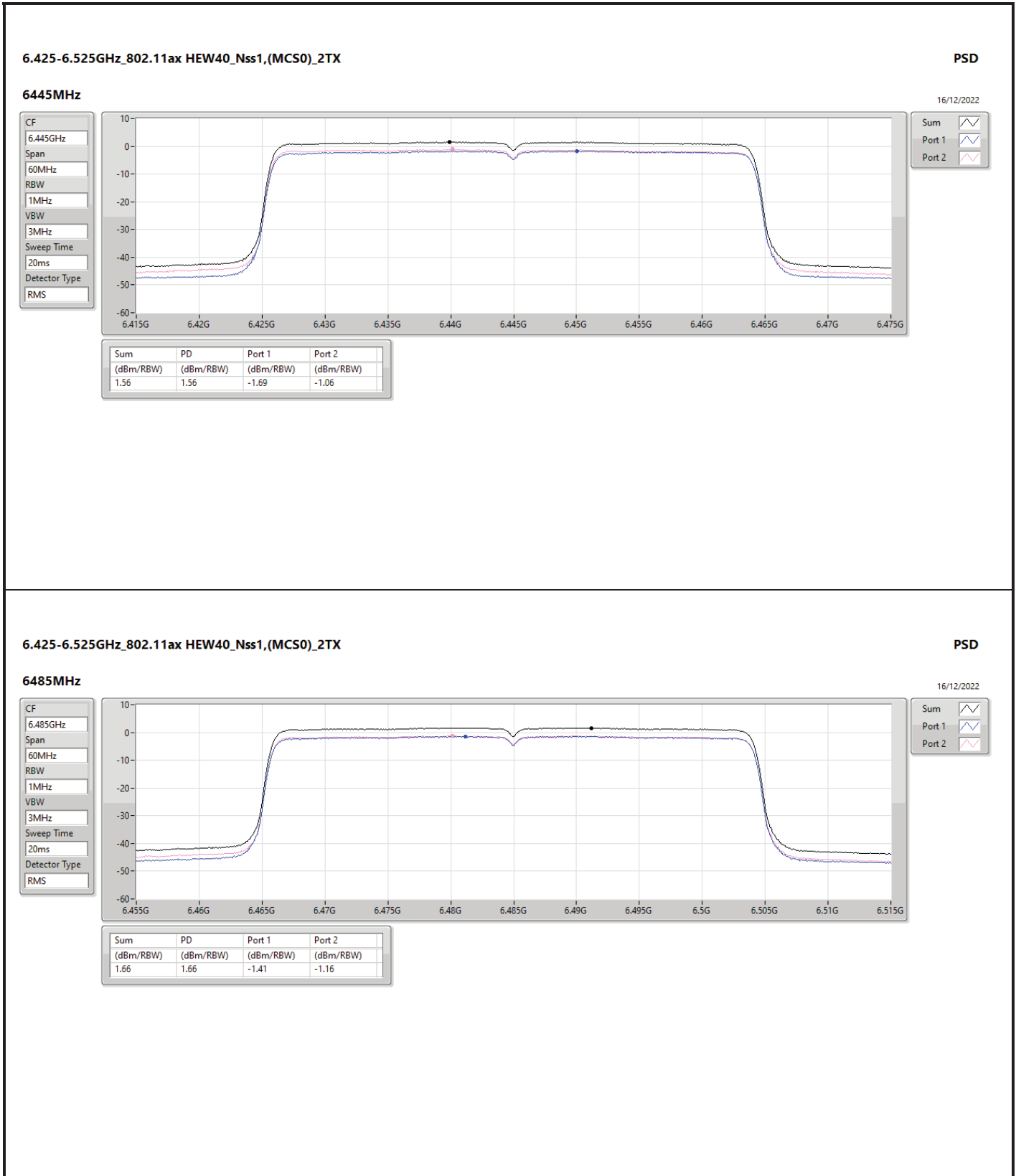














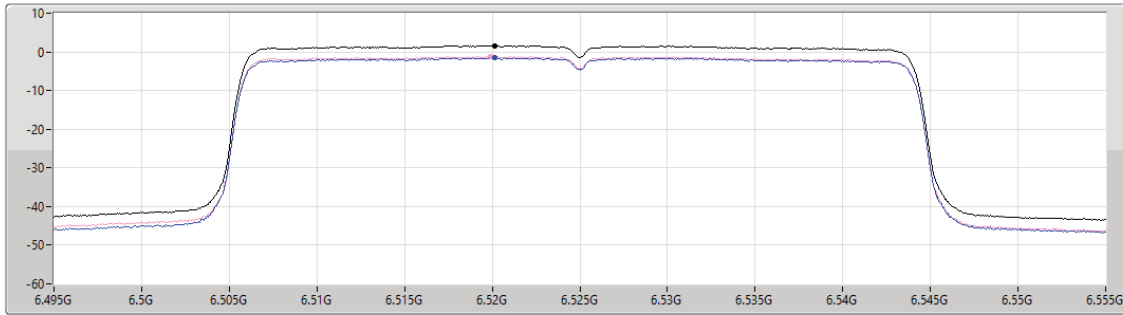
6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

6525MHz

16/12/2022

CF
6.525GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.59	1.59	-1.53	-1.25

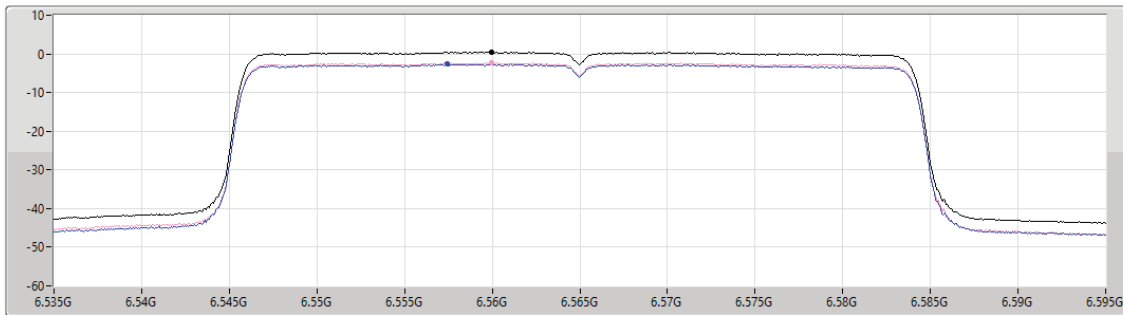
6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

6565MHz

16/12/2022

CF
6.565GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

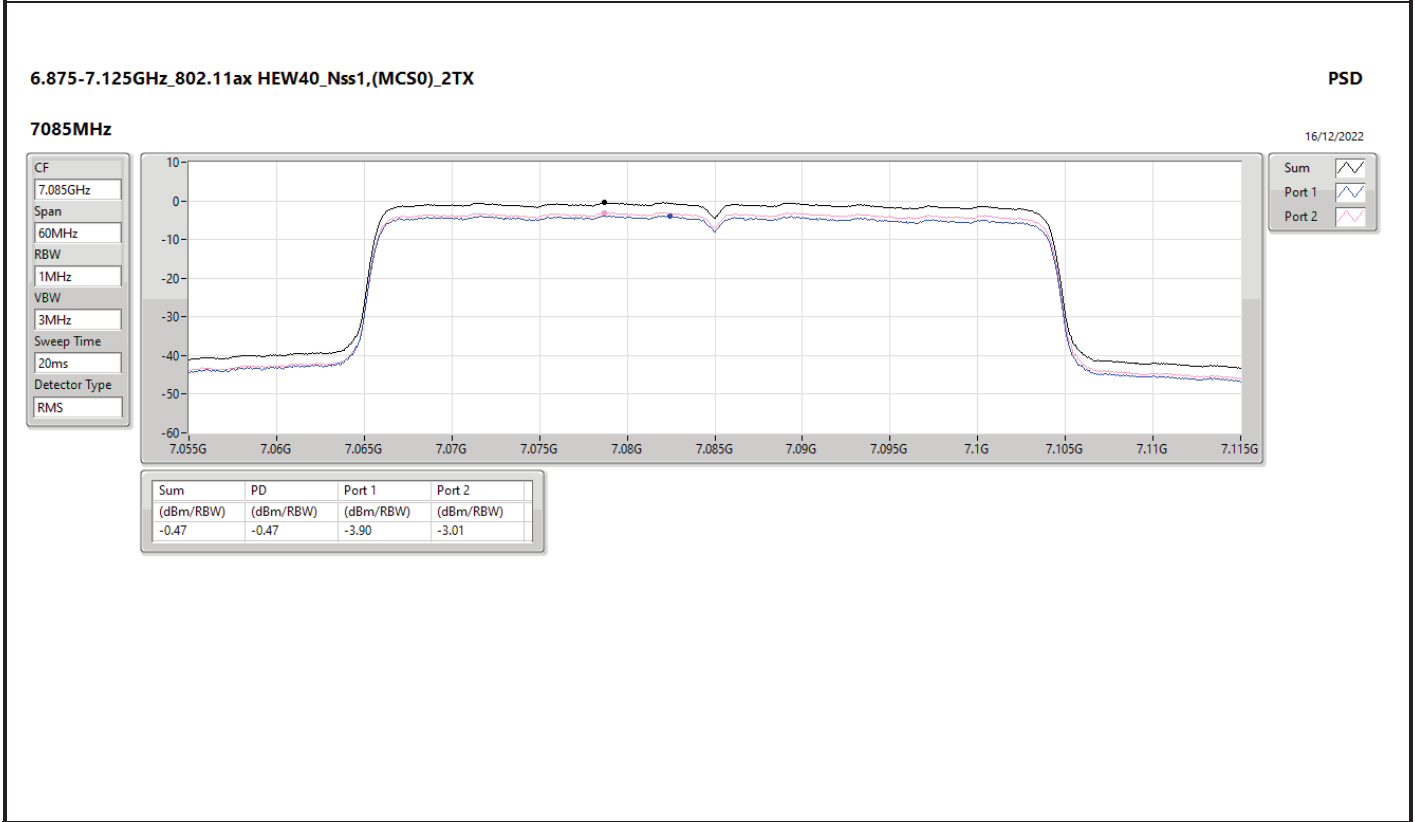
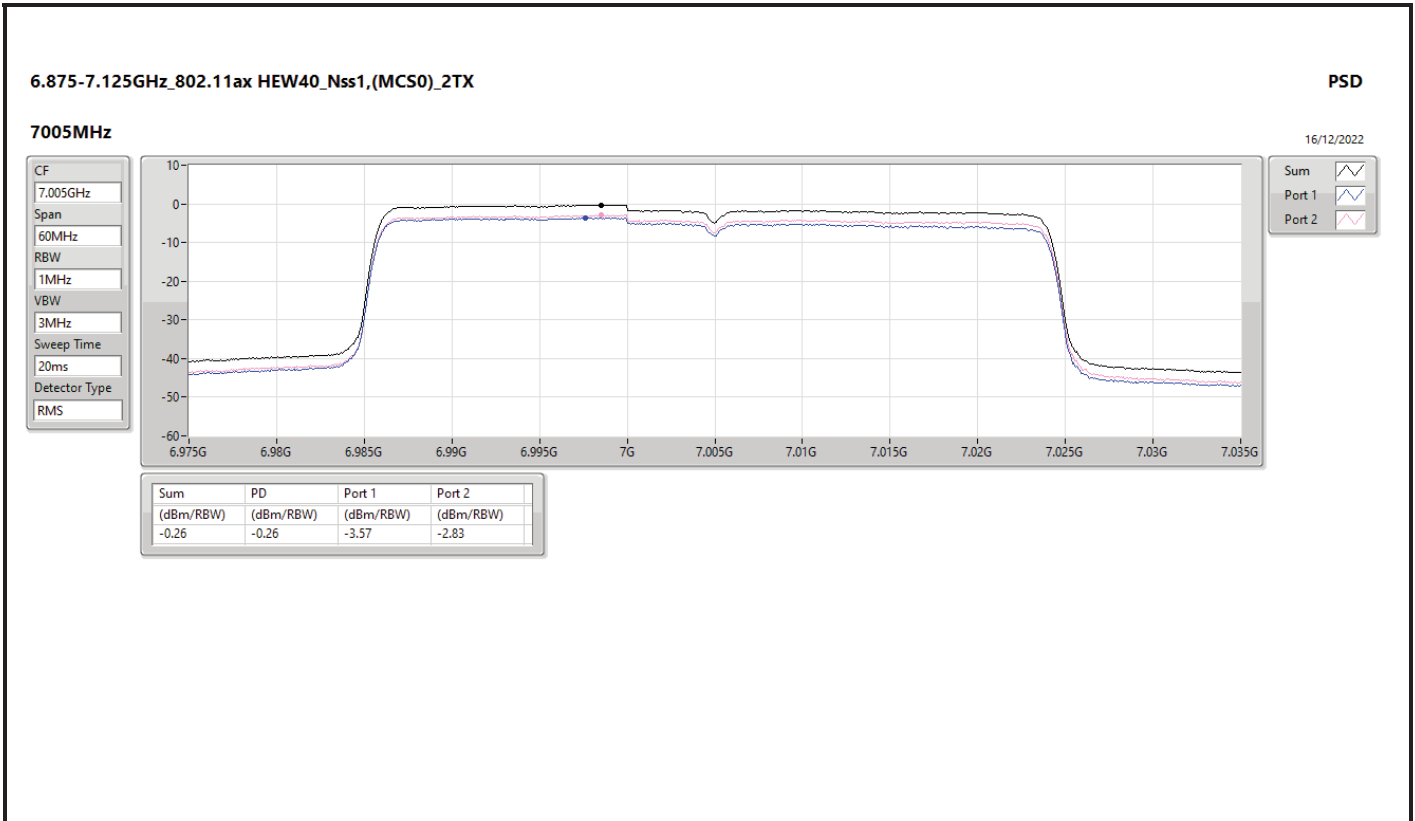


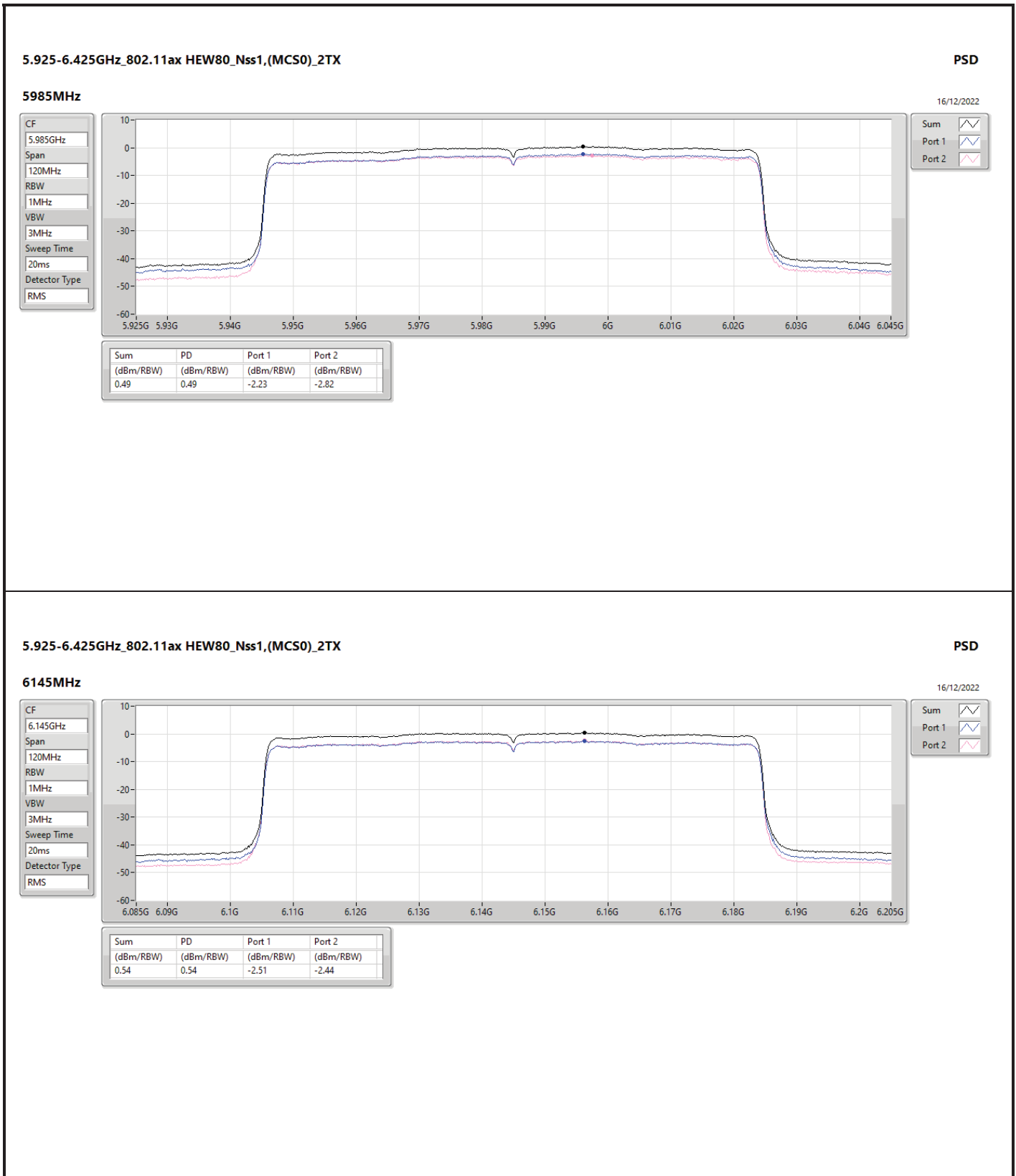
Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.47	0.47	-2.66	-2.20







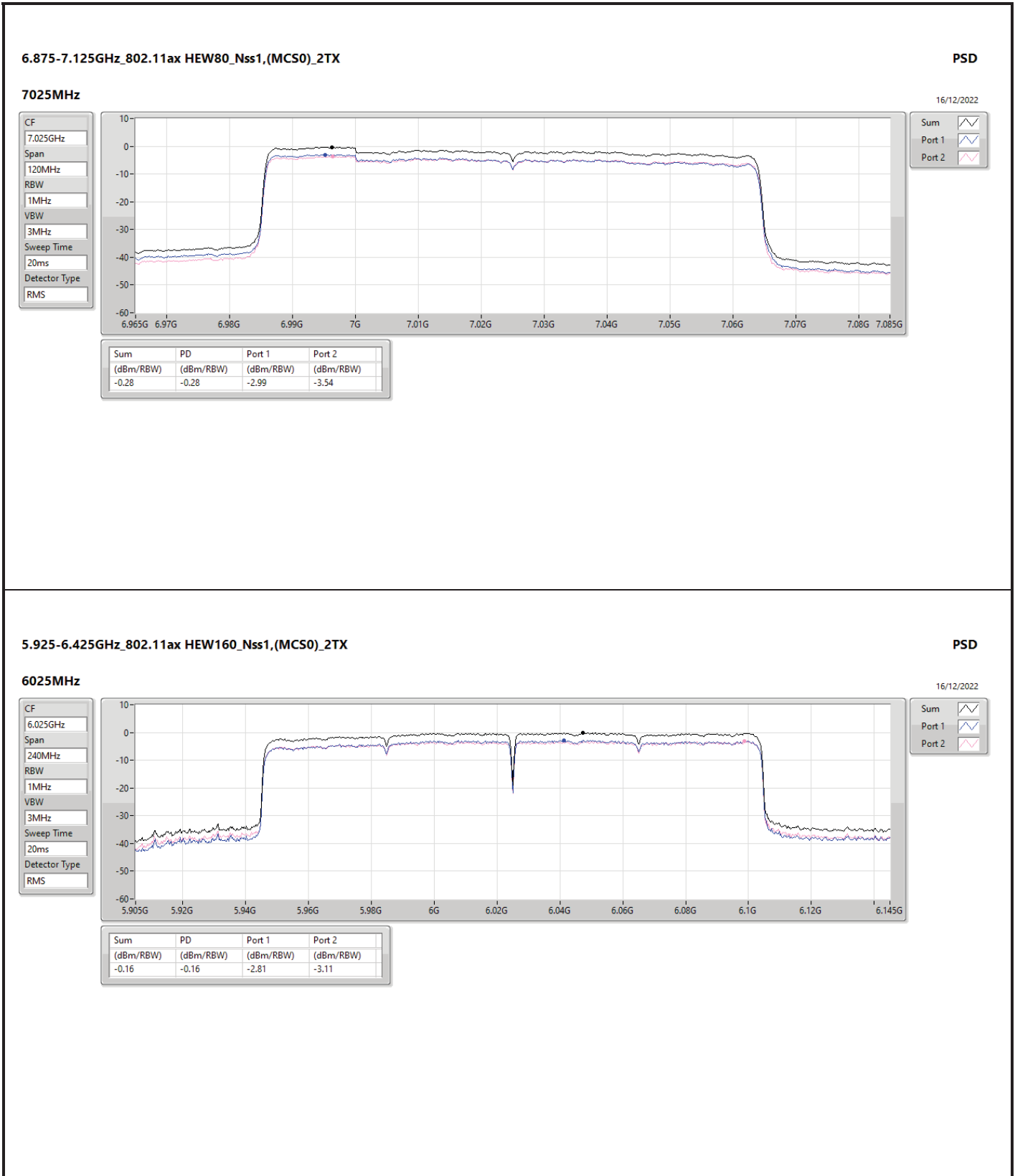


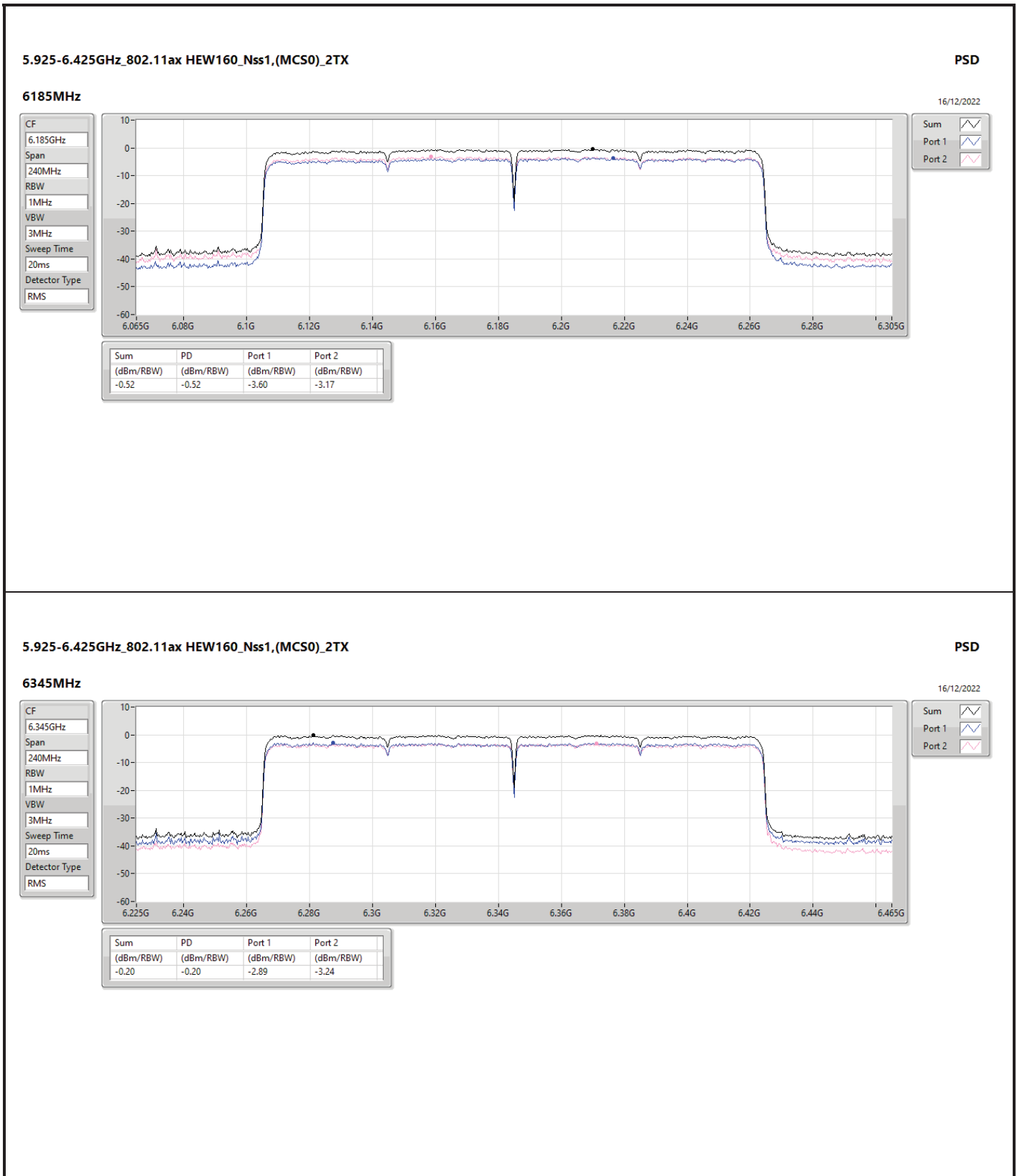














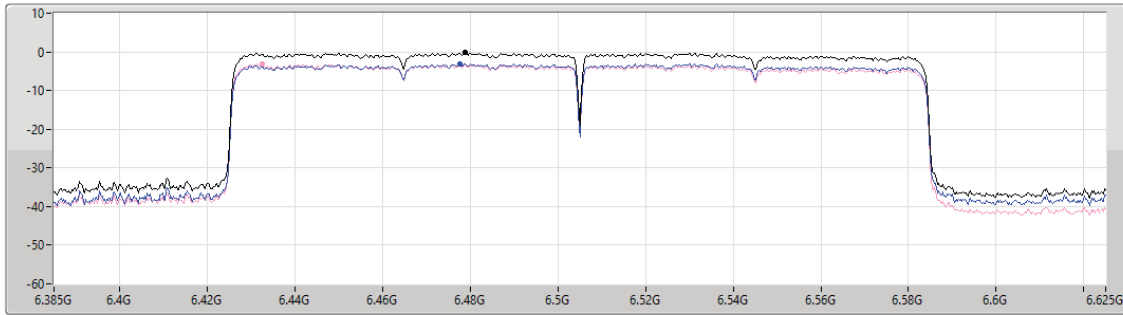
6.425-6.525GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

PSD

6505MHz

16/12/2022

CF
6.505GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.21	-0.21	-3.12	-3.18

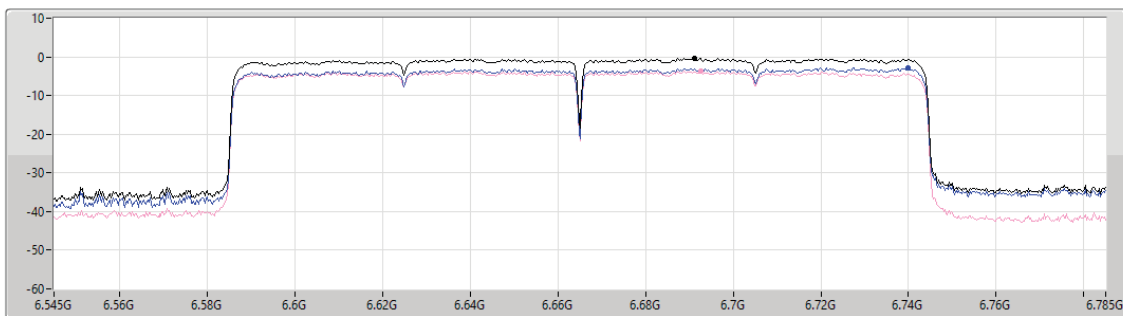
6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

PSD

6665MHz

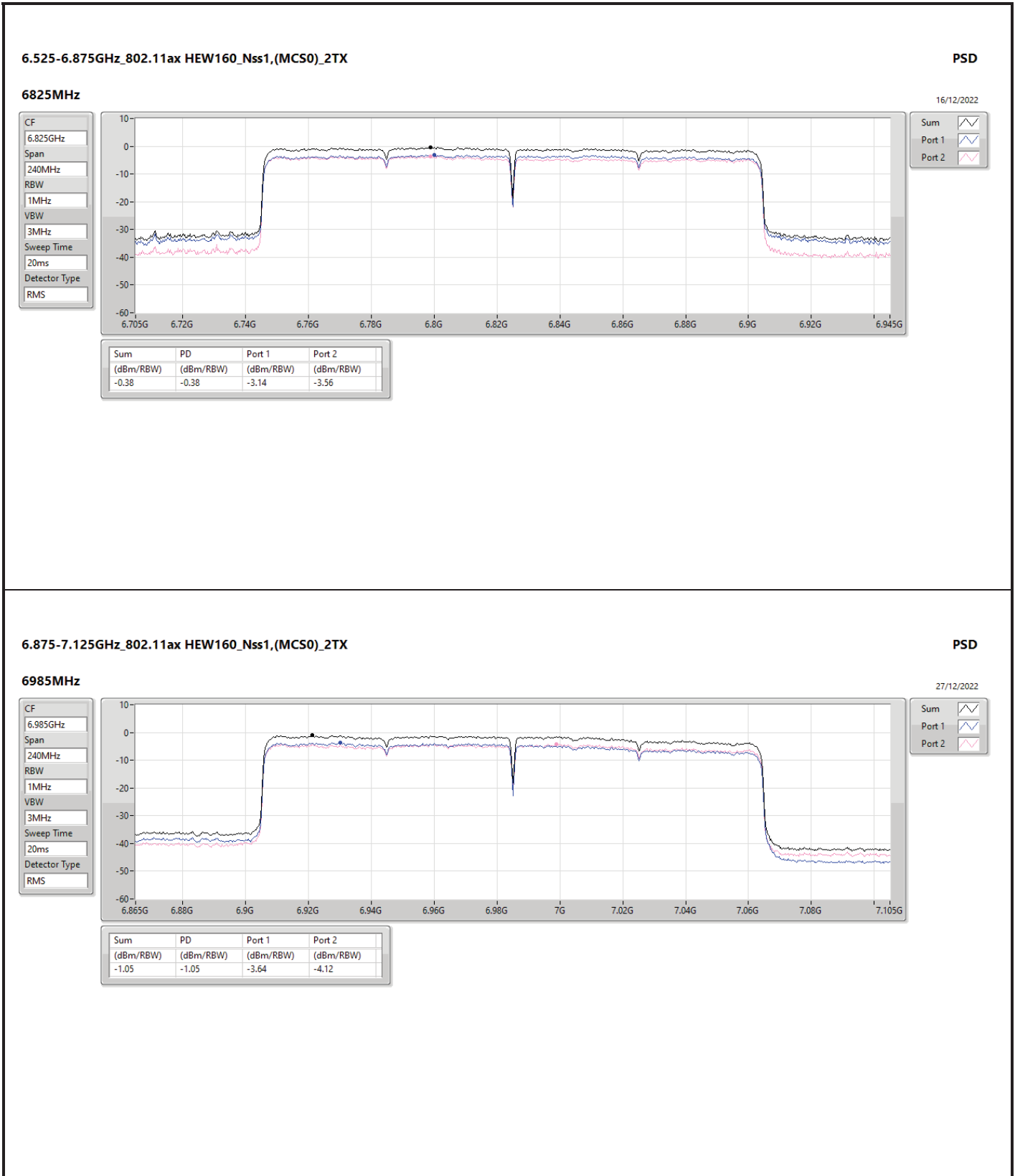
16/12/2022

CF
6.665GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.41	-0.41	-2.73	-3.71





Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.925-6.425GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	1.82	4.98
802.11ax HEW40_Nss1,(MCS0)_1TX	1.78	4.94
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.41	2.75
802.11ax HEW160_Nss1,(MCS0)_1TX	-2.87	0.29
6.425-6.525GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	1.76	4.92
802.11ax HEW40_Nss1,(MCS0)_1TX	1.73	4.89
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.36	2.80
802.11ax HEW160_Nss1,(MCS0)_1TX	-3.32	-0.16
6.525-6.875GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	1.79	4.95
802.11ax HEW40_Nss1,(MCS0)_1TX	1.80	4.96
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.19	2.97
802.11ax HEW160_Nss1,(MCS0)_1TX	-3.06	0.10
6.875-7.125GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	1.75	4.91
802.11ax HEW40_Nss1,(MCS0)_1TX	1.78	4.94
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.36	2.80
802.11ax HEW160_Nss1,(MCS0)_1TX	-3.00	0.16

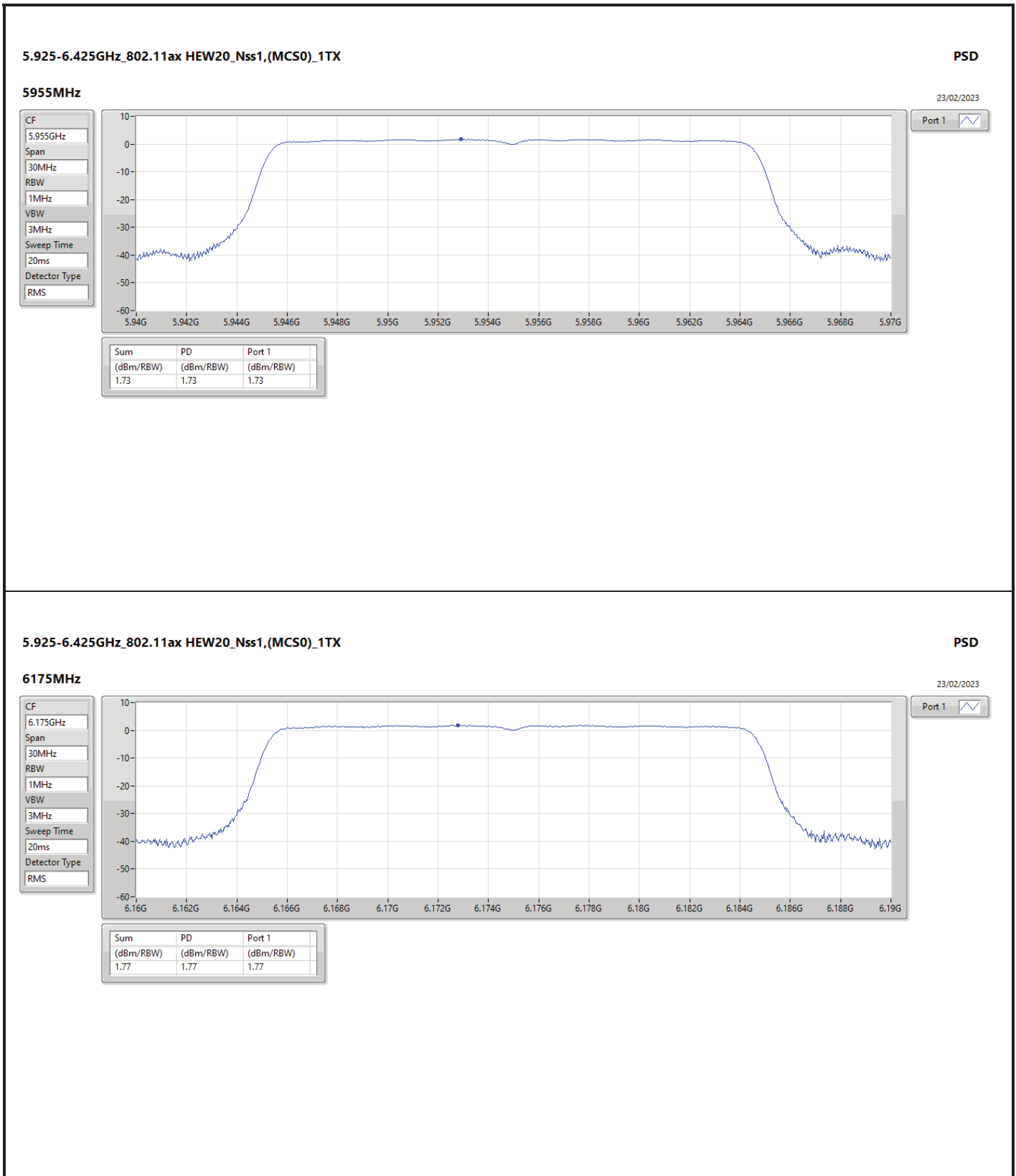
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band:

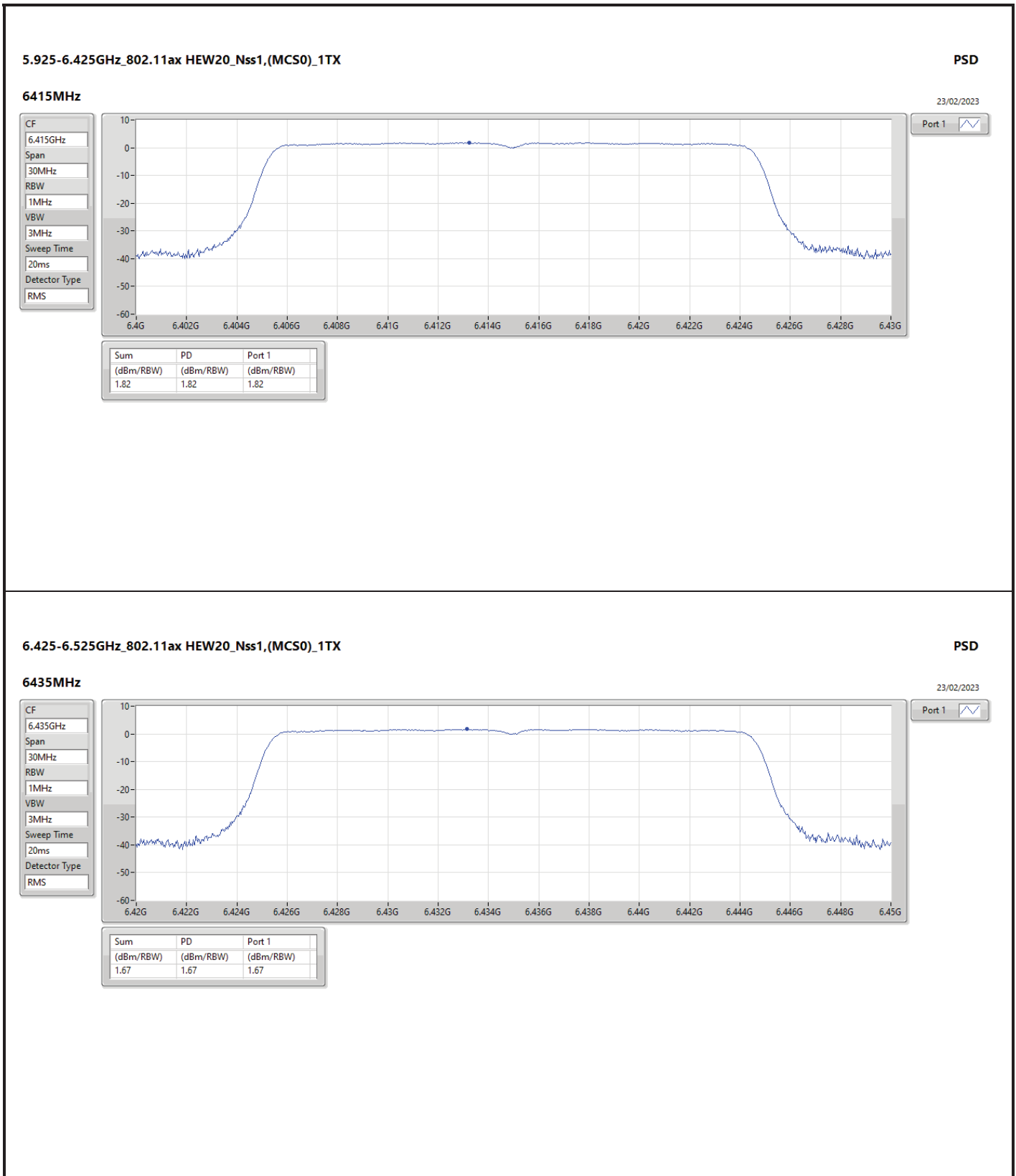


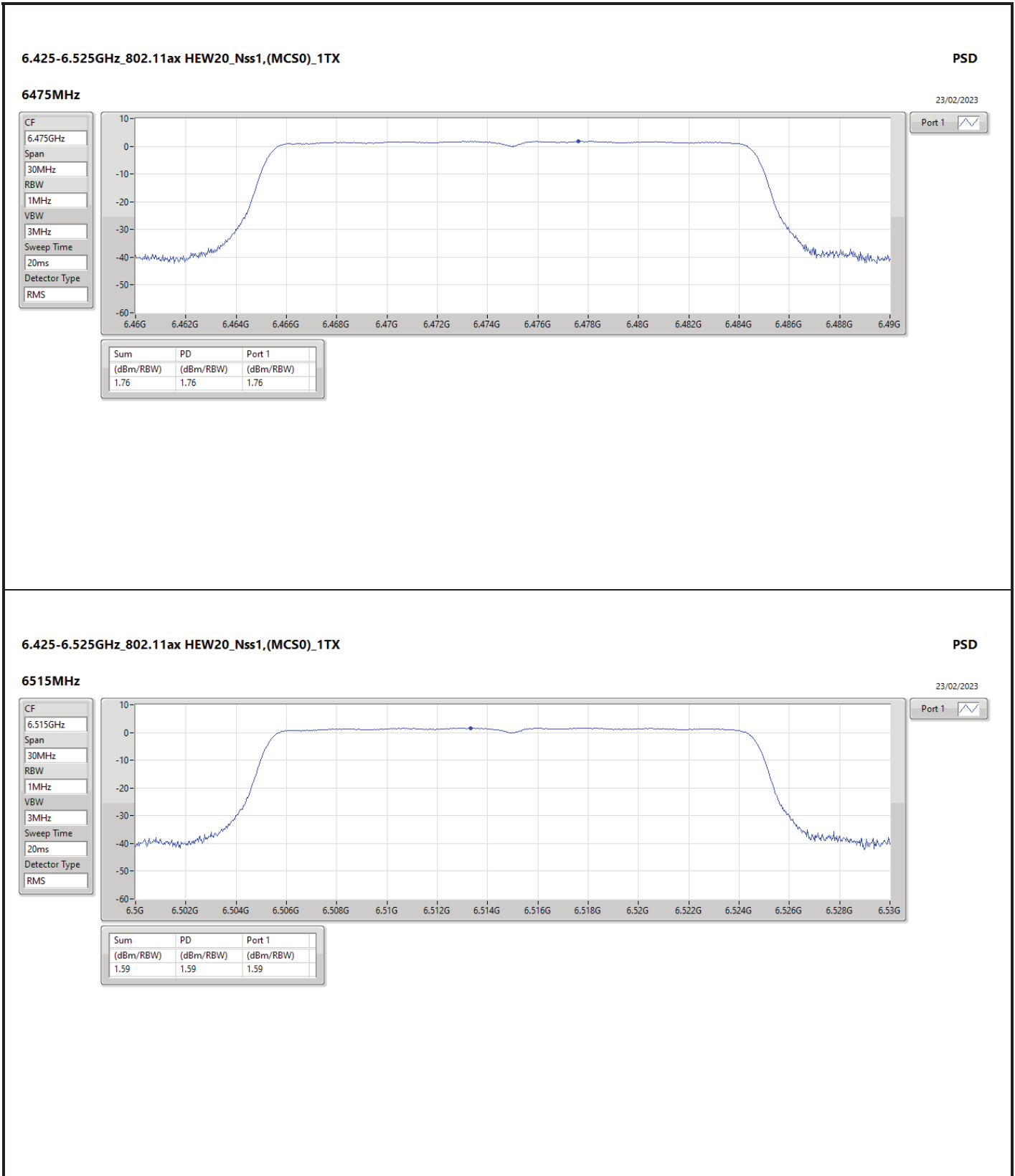
Result

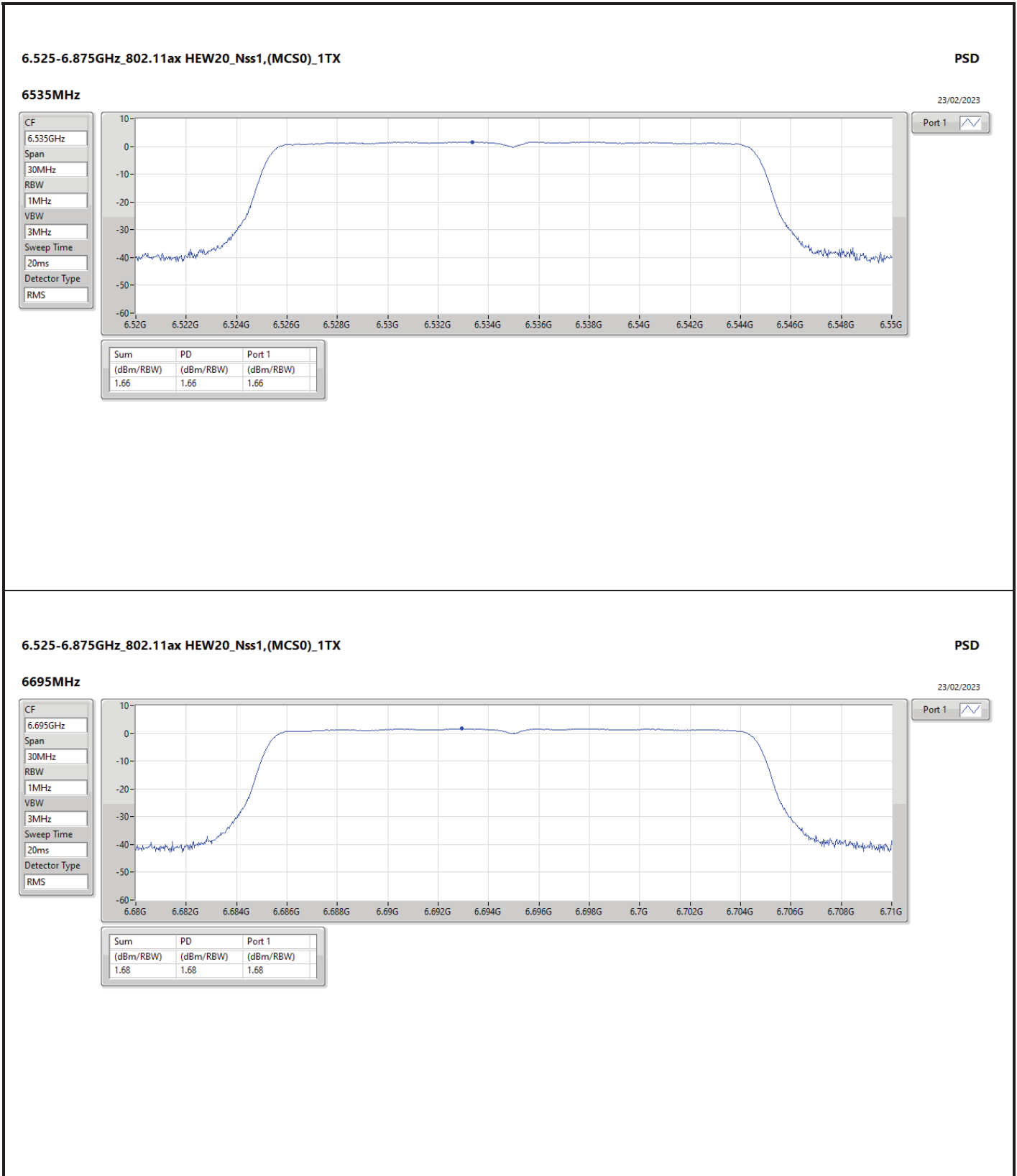
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5955MHz	Pass	3.16	1.73	1.73	Inf	4.89	5.00
6175MHz	Pass	3.16	1.77	1.77	Inf	4.93	5.00
6415MHz	Pass	3.16	1.82	1.82	Inf	4.98	5.00
6435MHz	Pass	3.16	1.67	1.67	Inf	4.83	5.00
6475MHz	Pass	3.16	1.76	1.76	Inf	4.92	5.00
6515MHz	Pass	3.16	1.59	1.59	Inf	4.75	5.00
6535MHz	Pass	3.16	1.66	1.66	Inf	4.82	5.00
6695MHz	Pass	3.16	1.68	1.68	Inf	4.84	5.00
6855MHz	Pass	3.16	1.72	1.72	Inf	4.88	5.00
6875MHz	Pass	3.16	1.79	1.79	Inf	4.95	5.00
6895MHz	Pass	3.16	1.73	1.73	Inf	4.89	5.00
6995MHz	Pass	3.16	1.66	1.66	Inf	4.82	5.00
7095MHz	Pass	3.16	1.75	1.75	Inf	4.91	5.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5965MHz	Pass	3.16	1.66	1.66	Inf	4.82	5.00
6165MHz	Pass	3.16	1.78	1.78	Inf	4.94	5.00
6405MHz	Pass	3.16	1.77	1.77	Inf	4.93	5.00
6445MHz	Pass	3.16	1.70	1.70	Inf	4.86	5.00
6485MHz	Pass	3.16	1.73	1.73	Inf	4.89	5.00
6525MHz	Pass	3.16	1.60	1.60	Inf	4.76	5.00
6565MHz	Pass	3.16	1.73	1.73	Inf	4.89	5.00
6685MHz	Pass	3.16	1.74	1.74	Inf	4.90	5.00
6845MHz	Pass	3.16	1.80	1.80	Inf	4.96	5.00
6885MHz	Pass	3.16	1.63	1.63	Inf	4.79	5.00
6925MHz	Pass	3.16	1.67	1.67	Inf	4.83	5.00
7005MHz	Pass	3.16	1.78	1.78	Inf	4.94	5.00
7085MHz	Pass	3.16	-0.89	-0.89	Inf	2.27	5.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5985MHz	Pass	3.16	-0.73	-0.73	Inf	2.43	5.00
6145MHz	Pass	3.16	-0.41	-0.41	Inf	2.75	5.00
6385MHz	Pass	3.16	-0.49	-0.49	Inf	2.67	5.00
6465MHz	Pass	3.16	-0.36	-0.36	Inf	2.80	5.00
6545MHz	Pass	3.16	-0.50	-0.50	Inf	2.66	5.00
6625MHz	Pass	3.16	-0.70	-0.70	Inf	2.46	5.00
6705MHz	Pass	3.16	-0.90	-0.90	Inf	2.26	5.00
6785MHz	Pass	3.16	-0.19	-0.19	Inf	2.97	5.00
6865MHz	Pass	3.16	-0.21	-0.21	Inf	2.95	5.00
6945MHz	Pass	3.16	-0.41	-0.41	Inf	2.75	5.00
7025MHz	Pass	3.16	-0.36	-0.36	Inf	2.80	5.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
6025MHz	Pass	3.16	-4.38	-4.38	Inf	-1.22	5.00
6185MHz	Pass	3.16	-3.44	-3.44	Inf	-0.28	5.00
6345MHz	Pass	3.16	-2.87	-2.87	Inf	0.29	5.00
6505MHz	Pass	3.16	-3.32	-3.32	Inf	-0.16	5.00
6665MHz	Pass	3.16	-3.06	-3.06	Inf	0.10	5.00
6825MHz	Pass	3.16	-3.18	-3.18	Inf	-0.02	5.00
6985MHz	Pass	3.16	-3.00	-3.00	Inf	0.16	5.00

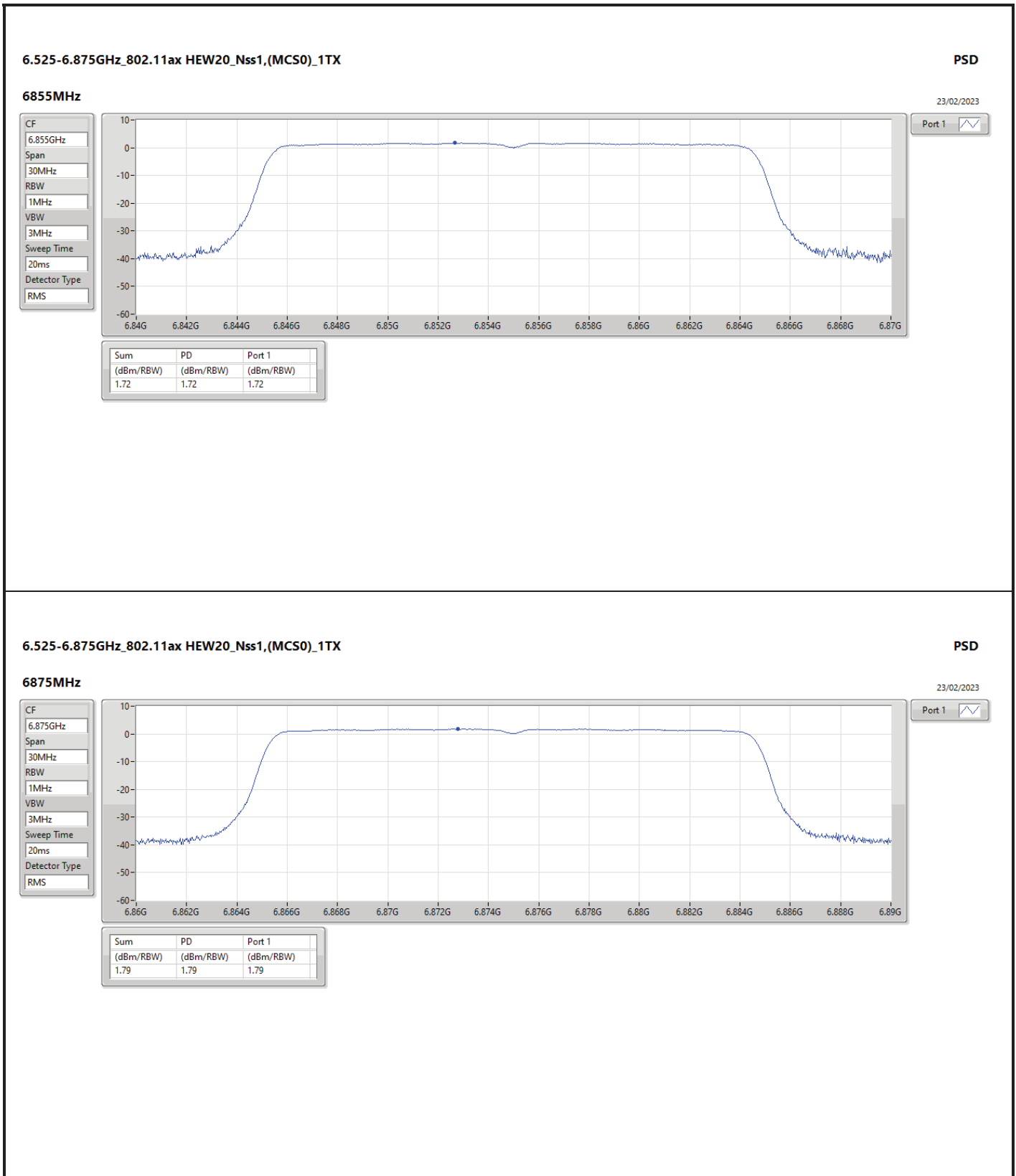
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

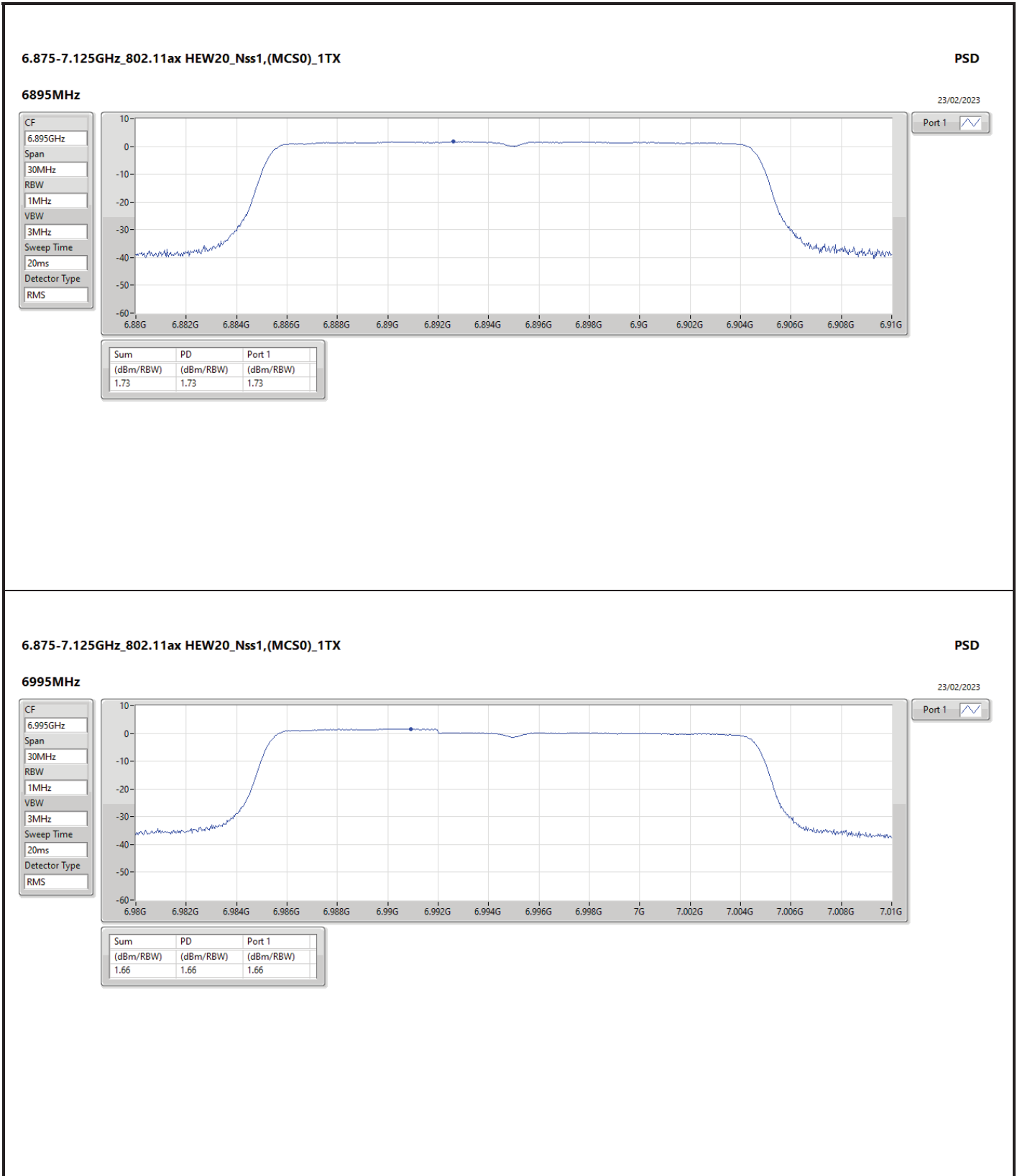


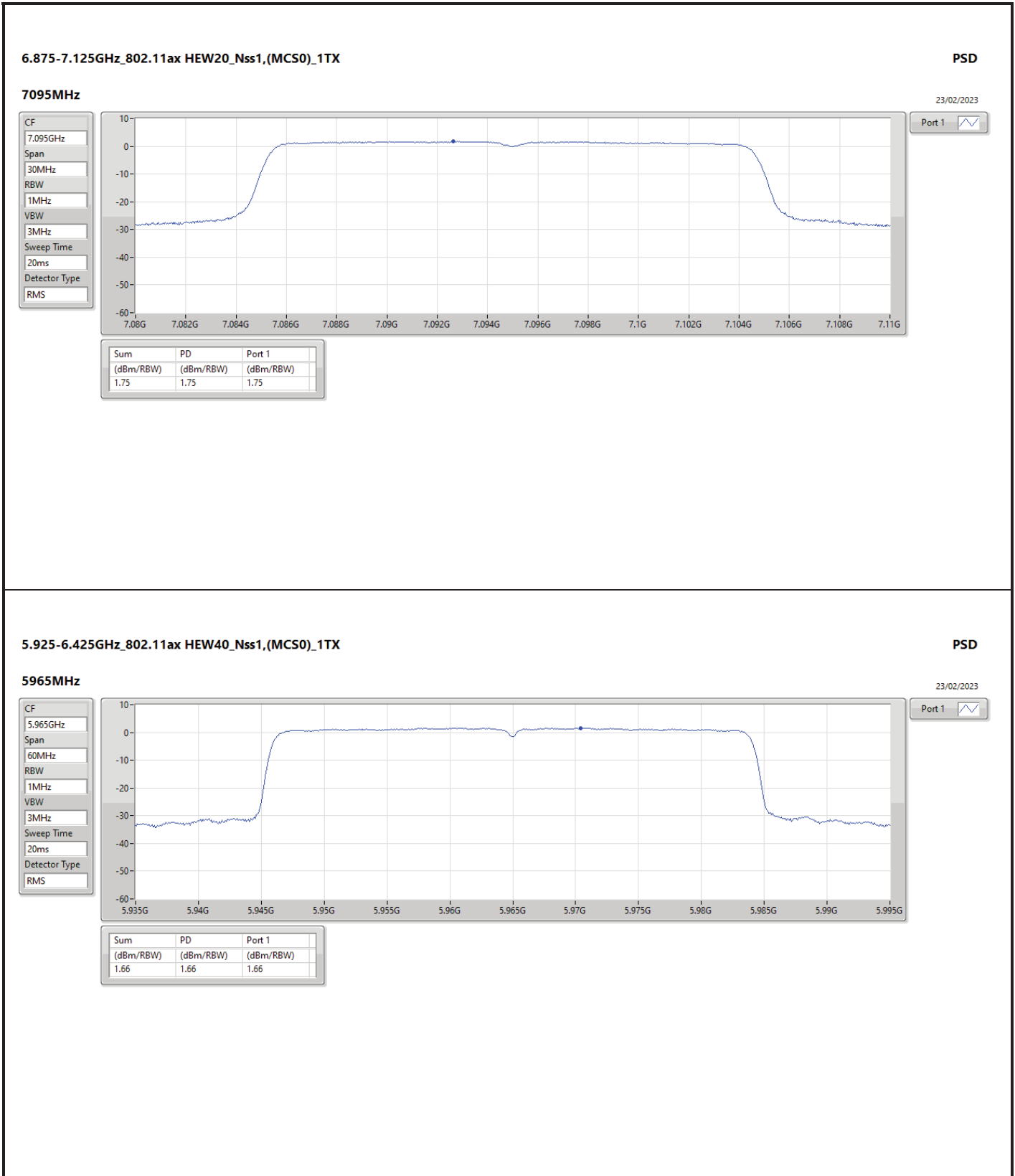




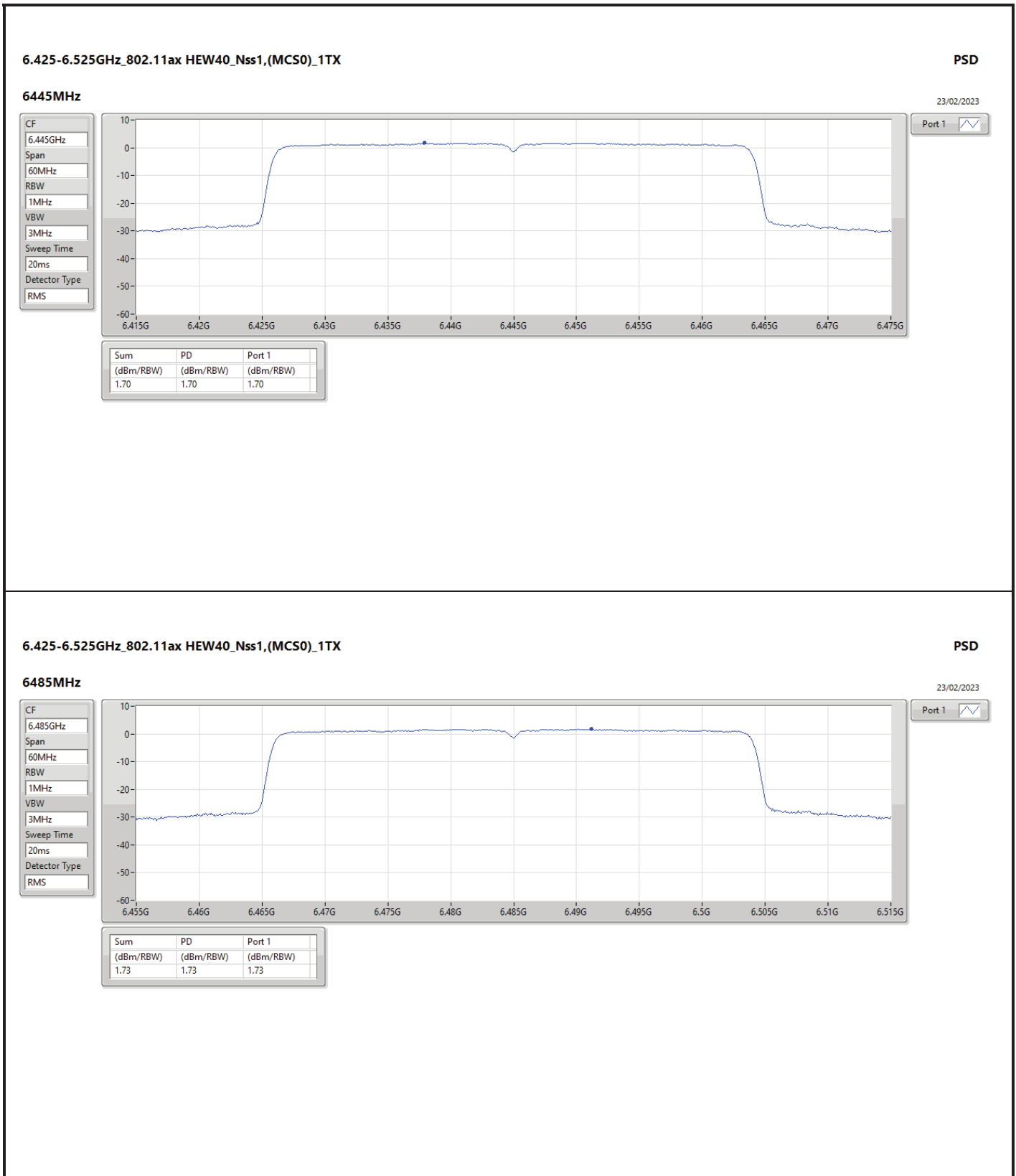




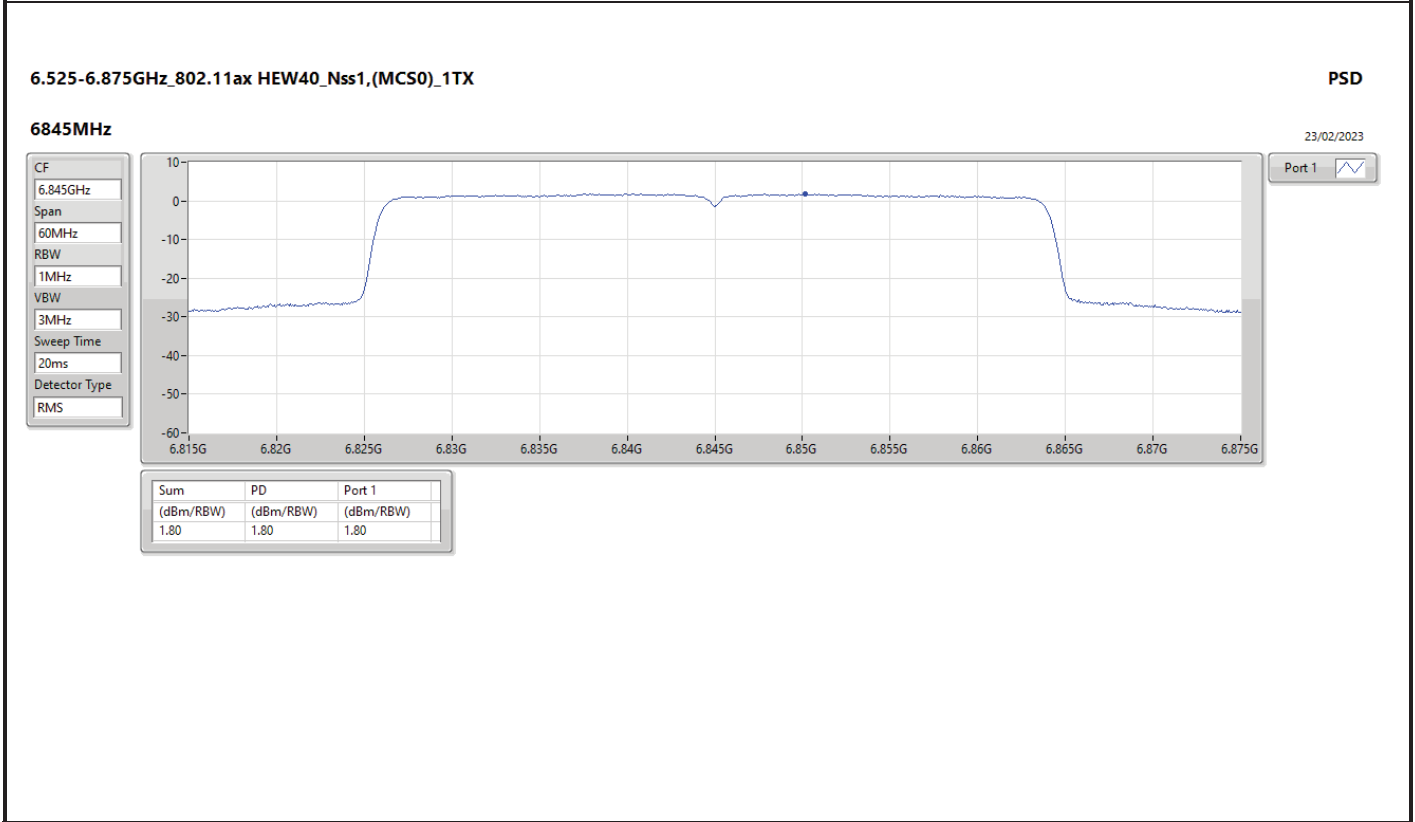
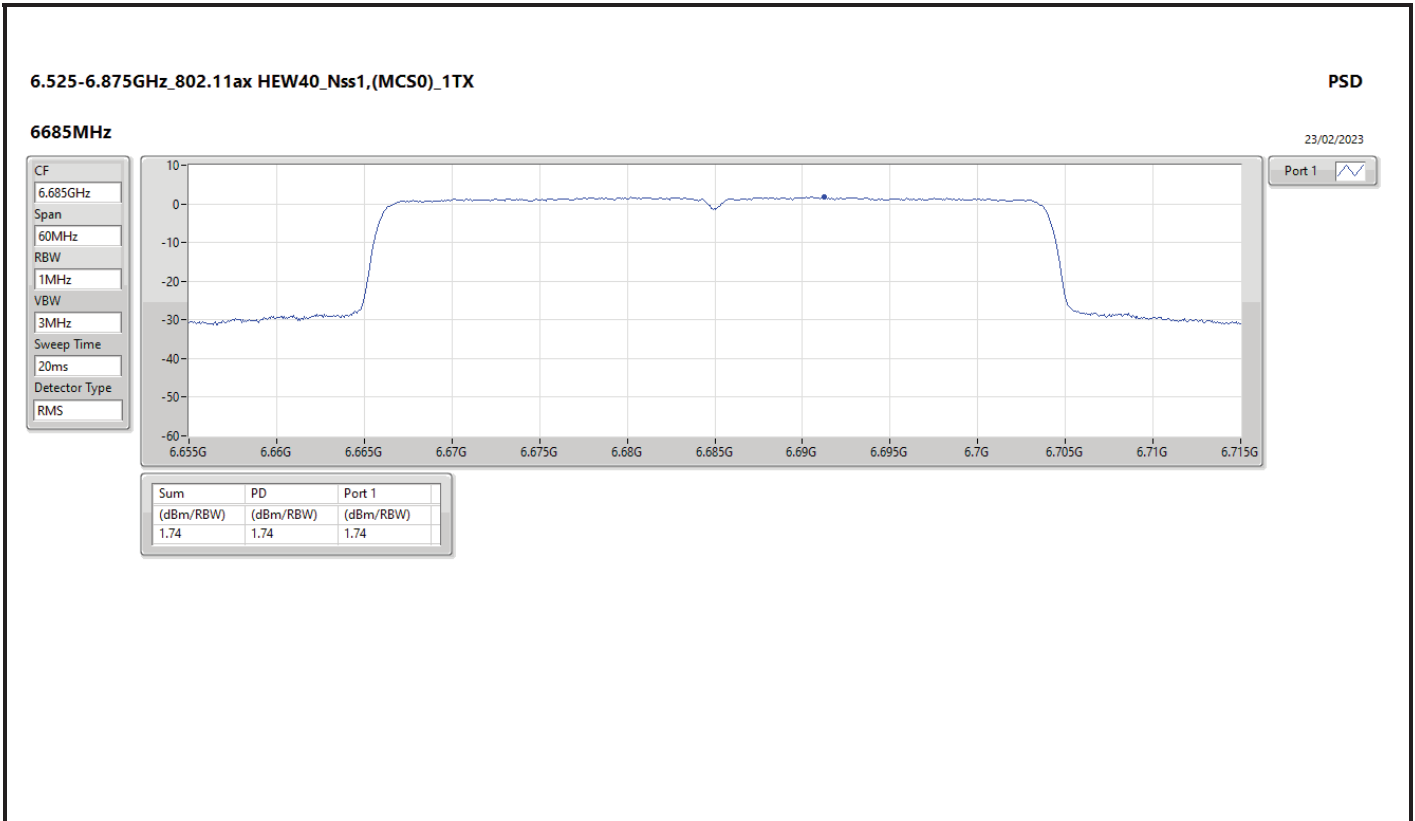




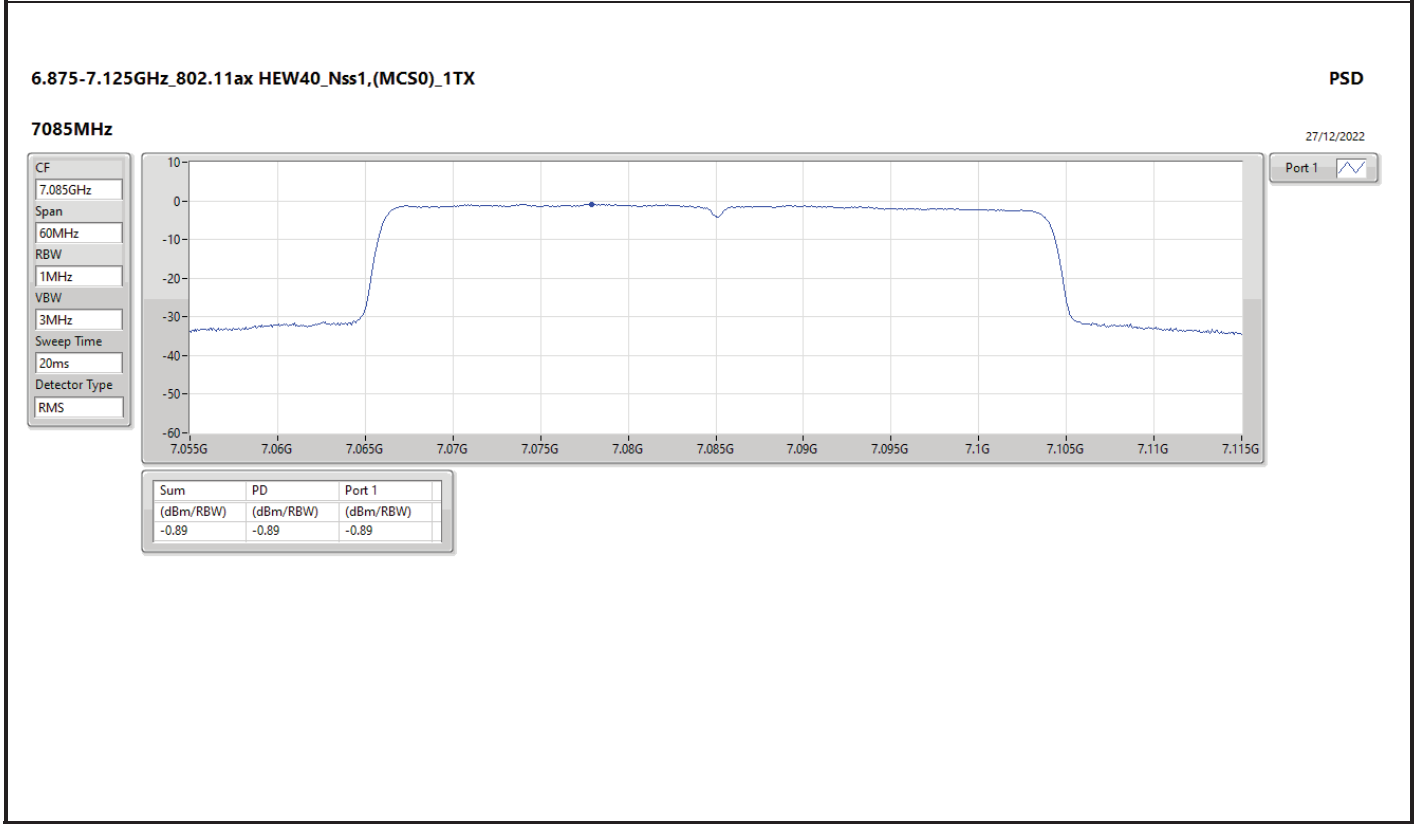
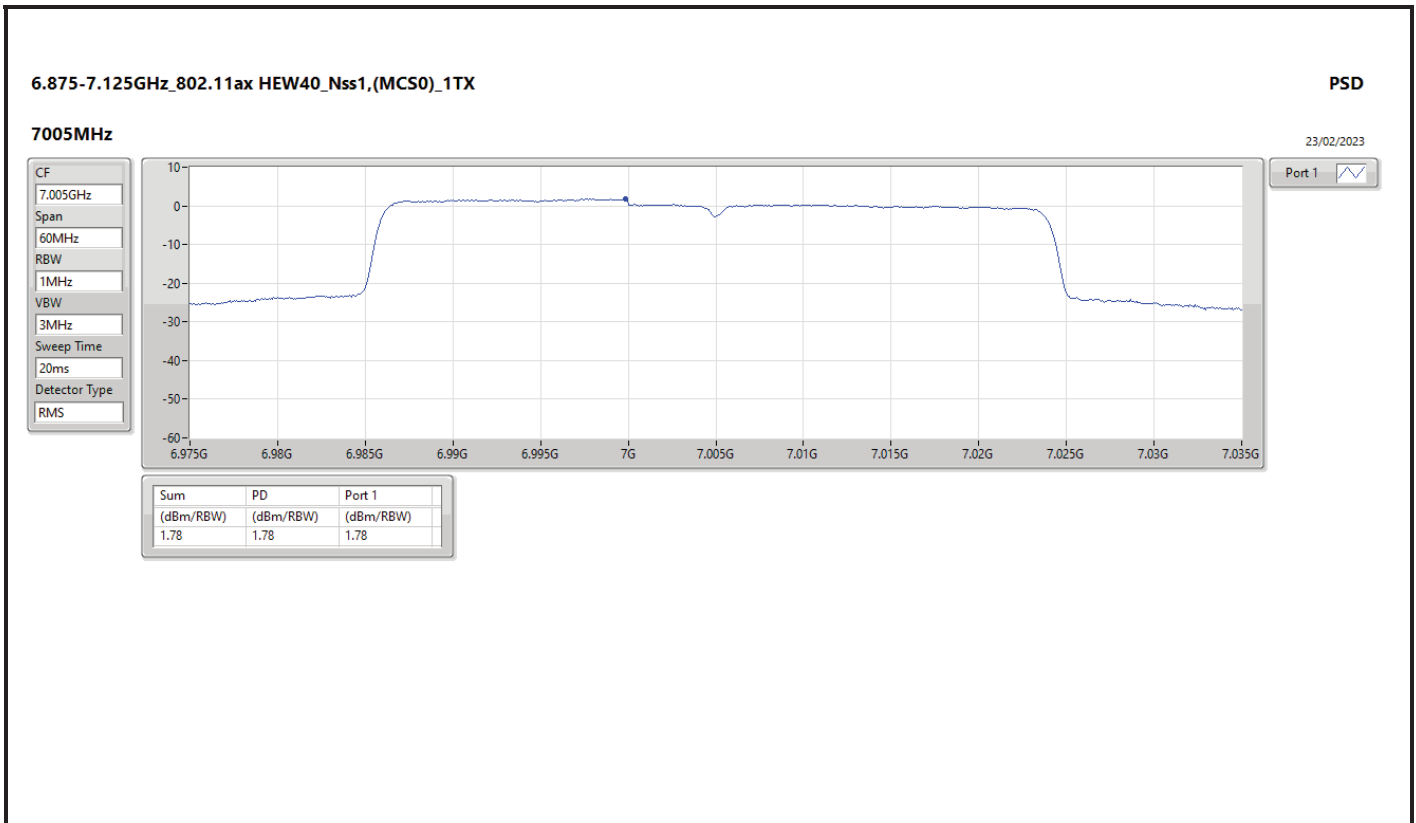


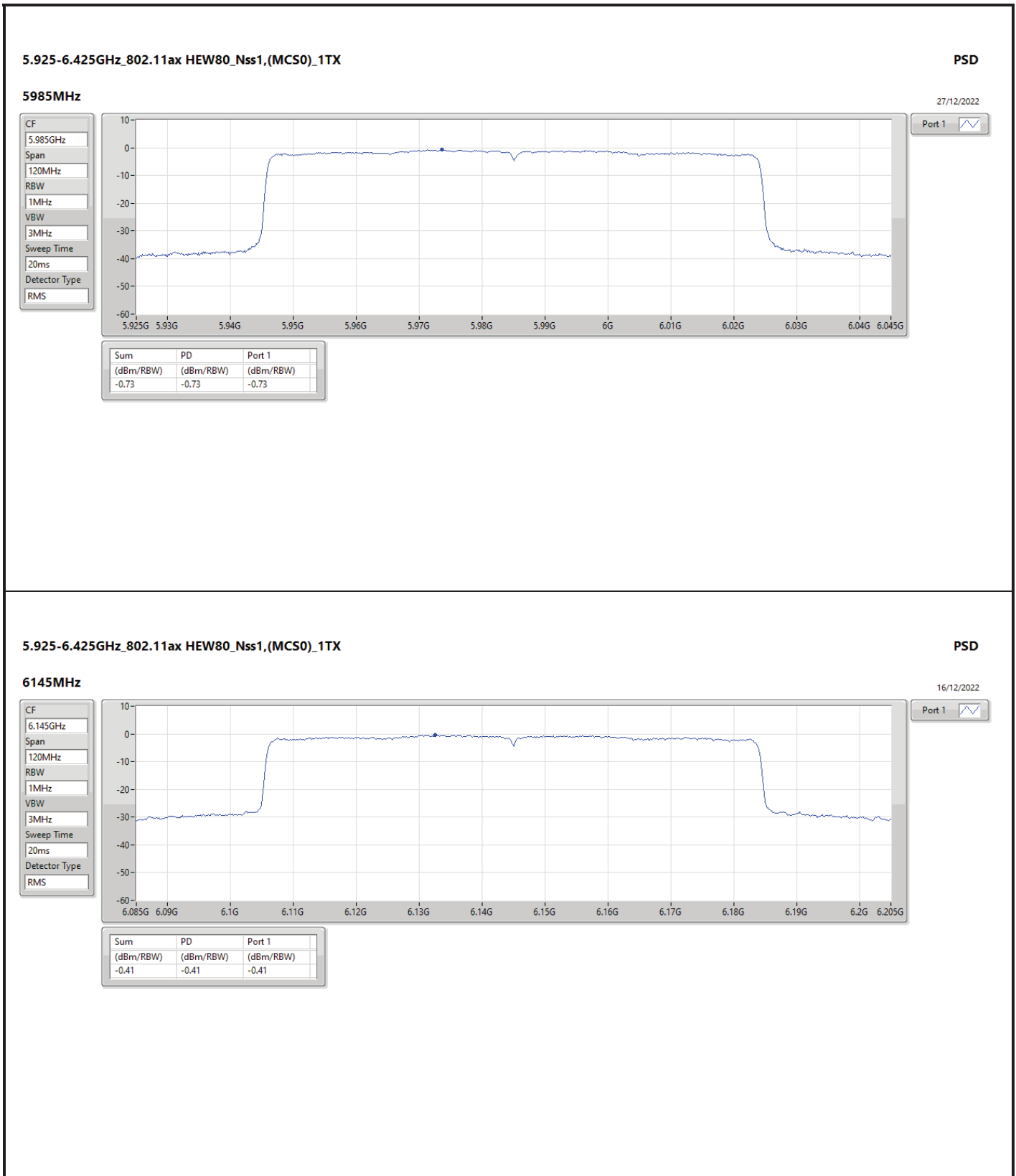












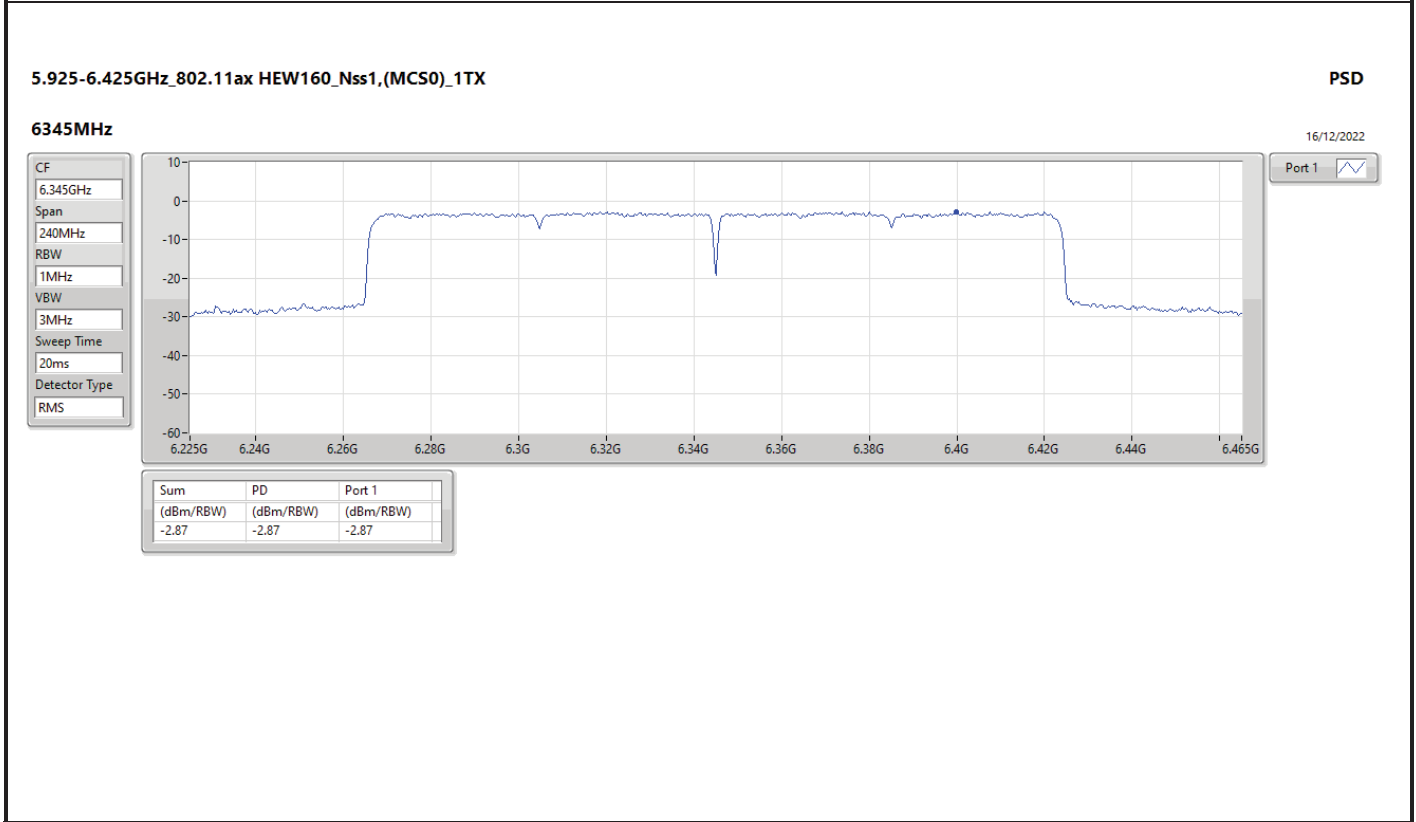
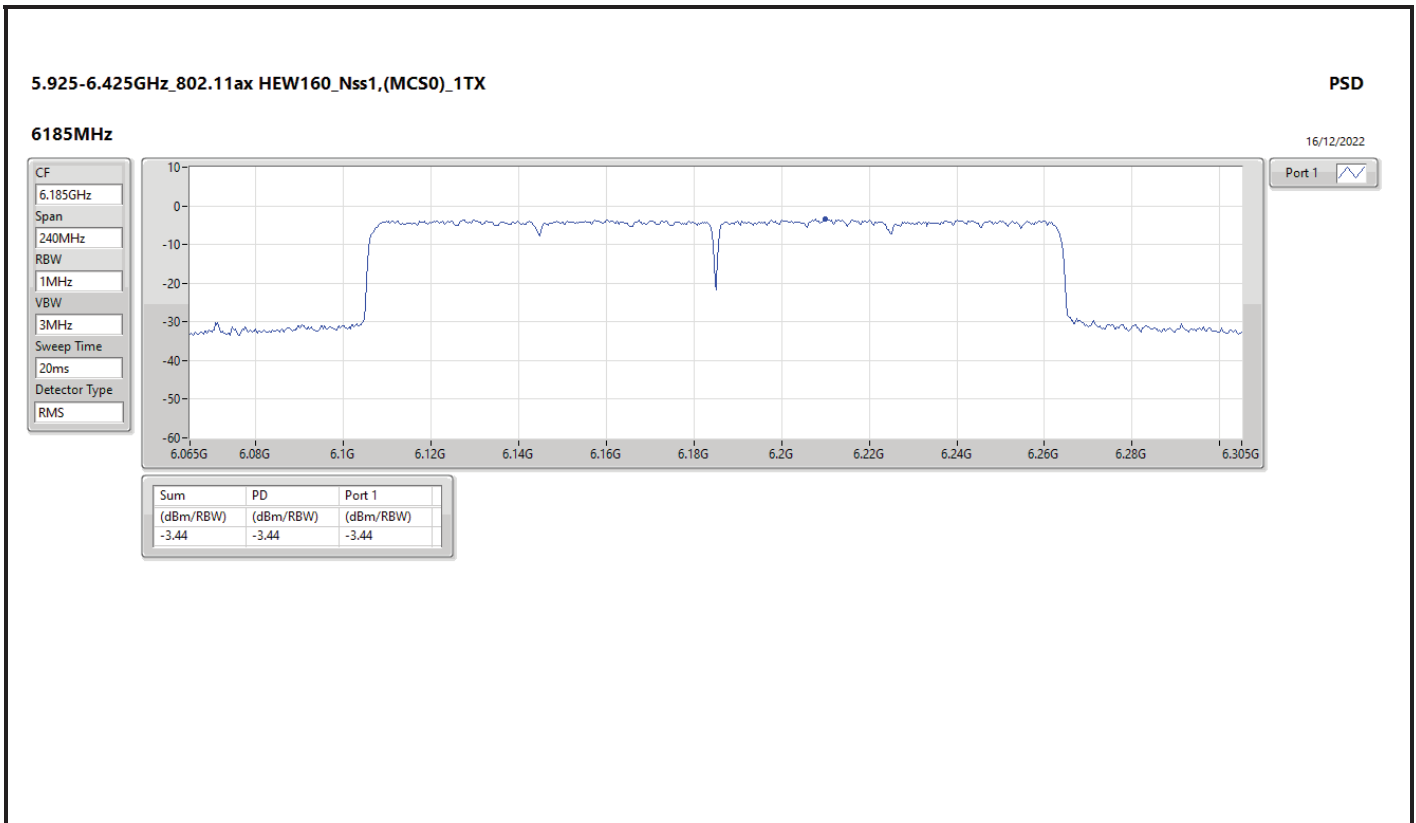


















Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
5.925-6.425GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	5.95764G	-6.55	5.98976G	-59.36	-46.55	-12.81	1
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	5.97071G	-4.17	6.0266G	-56.18	-44.17	-12.01	1
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	5.99907G	-1.35	6.11084G	-50.39	-41.35	-9.04	2
802.11ax HEW160_Nss1,(MCS0)_2TX	Pass	6.0479G	1.62	6.27492G	-42.08	-38.38	-3.70	1
6.425-6.525GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	6.43368G	-5.39	6.47988G	-59.80	-45.39	-14.41	1
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	6.48016G	-2.71	6.42296G	-55.28	-42.71	-12.57	2
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	6.53357G	0.22	6.66732G	-48.04	-39.75	-8.29	1
802.11ax HEW160_Nss1,(MCS0)_2TX	Pass	6.4821G	1.32	6.71444G	-36.47	-33.31	-3.16	1
6.525-6.875GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	6.85742G	-5.98	6.82222G	-59.52	-45.98	-13.54	2
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	6.84016G	-4.00	6.7834G	-55.87	-44.00	-11.87	2
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	6.87643G	-1.40	6.7418G	-49.04	-41.40	-7.64	2
802.11ax HEW160_Nss1,(MCS0)_2TX	Pass	6.6966G	0.67	6.42036G	-43.51	-39.30	-4.21	2
6.875-7.125GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	6.9939G	-7.08	6.96222G	-59.44	-47.08	-12.36	1
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	7.07357G	-6.74	6.99832G	-55.95	-46.74	-9.21	1
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	6.99511G	-1.54	6.90268G	-48.20	-41.51	-6.69	1
802.11ax HEW160_Nss1,(MCS0)_2TX	Pass	6.9604G	-0.01	6.74036G	-44.12	-39.98	-4.14	2

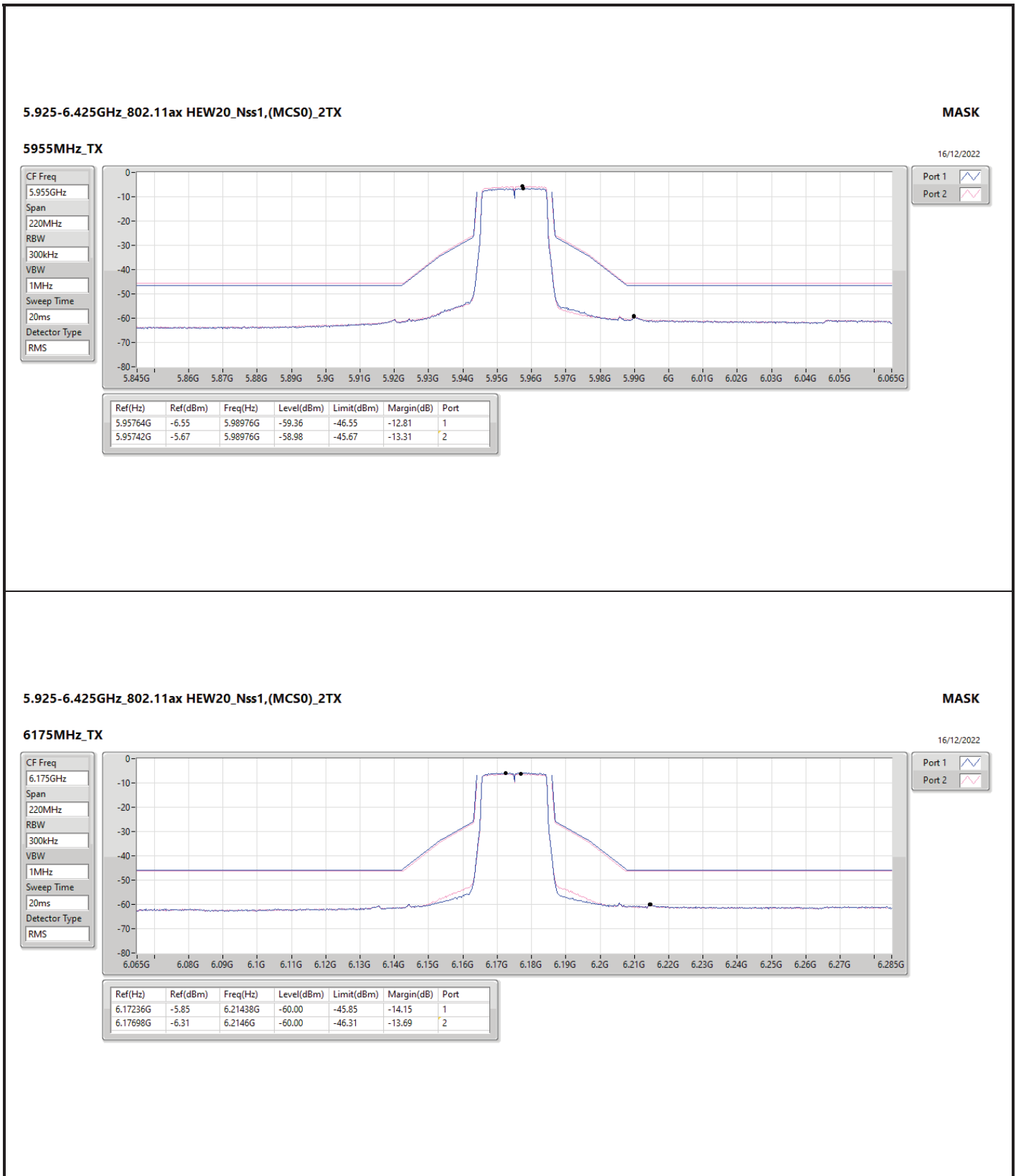


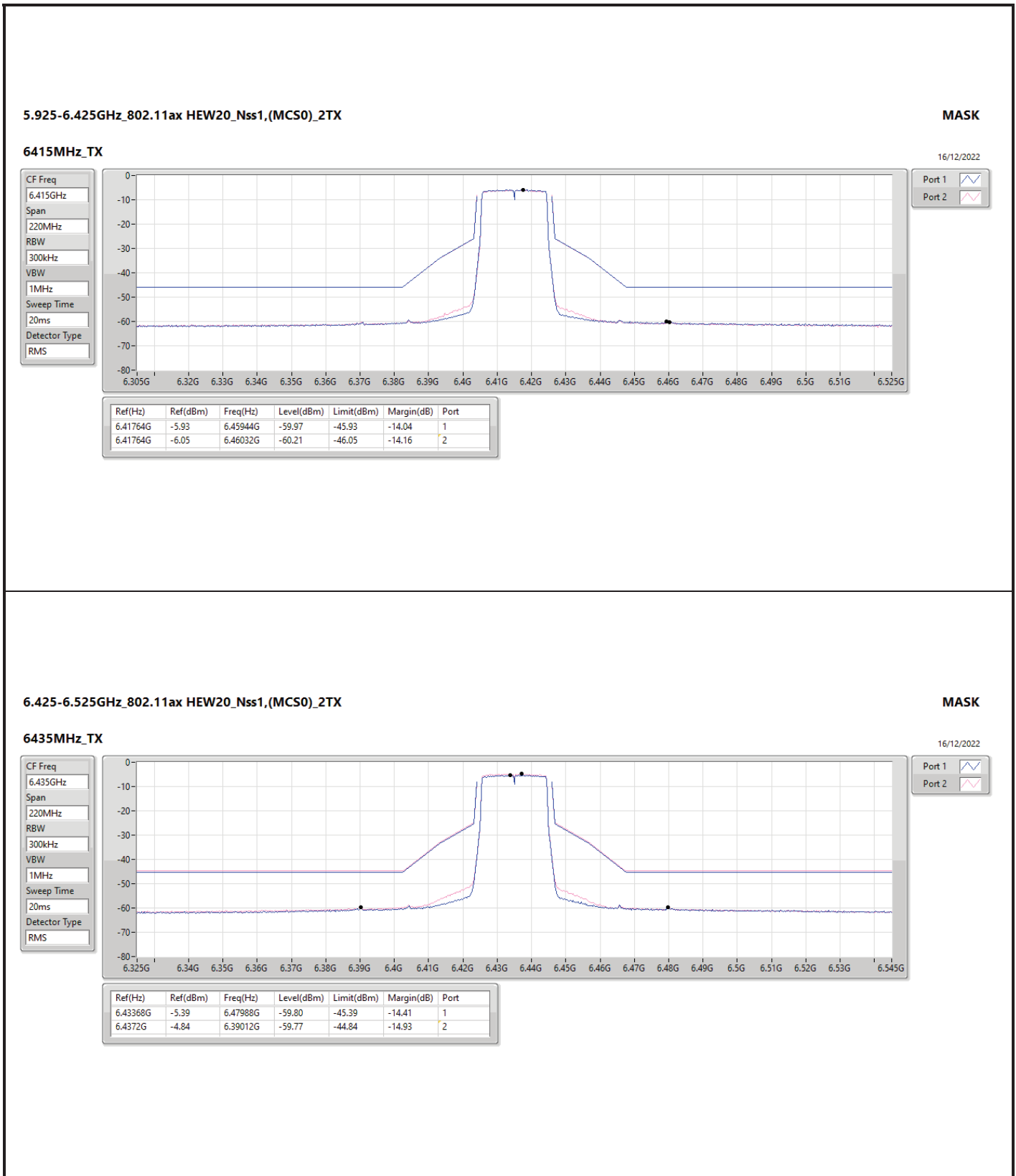
Result

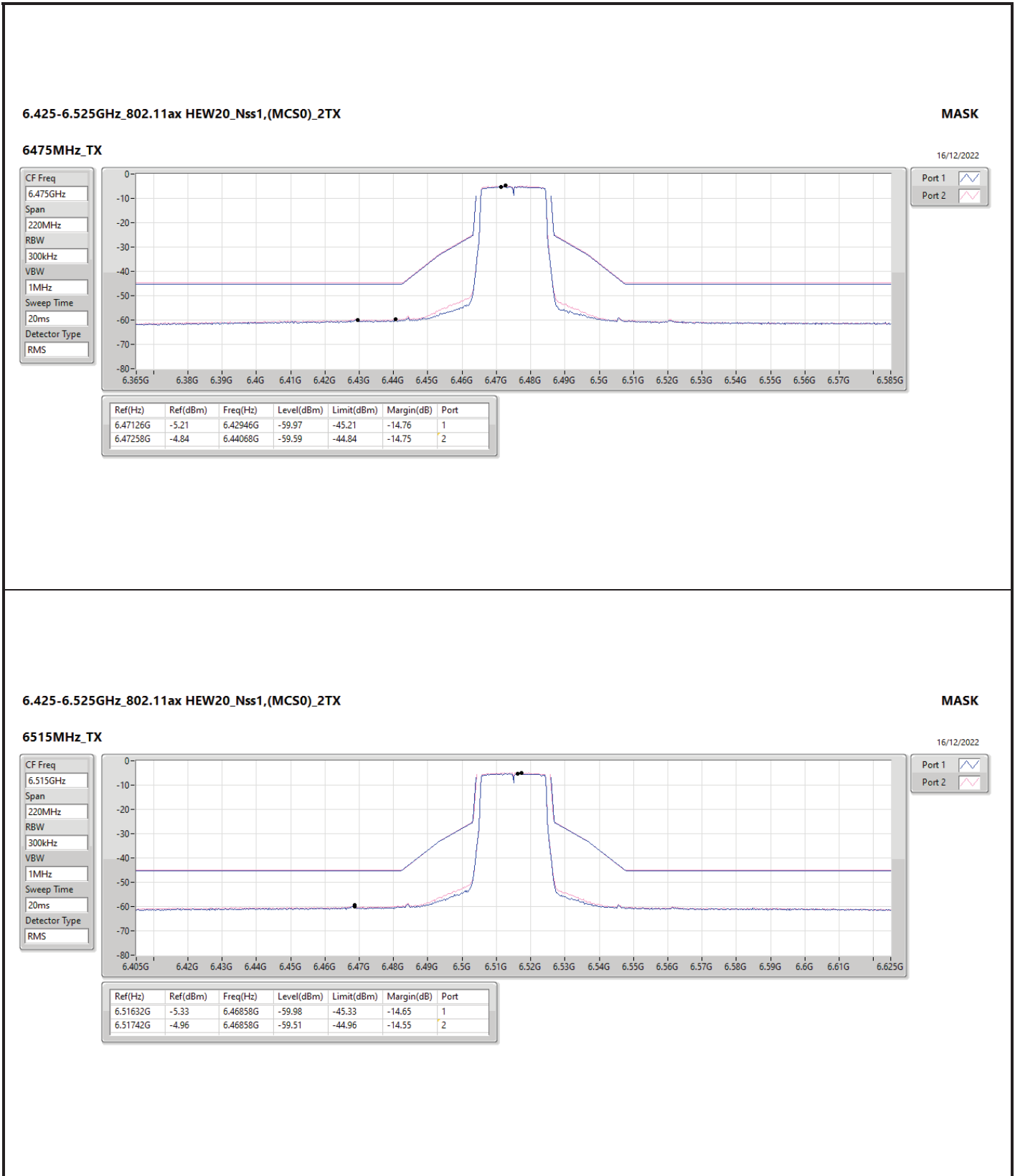
Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.95764G	-6.55	5.98976G	-59.36	-46.55	-12.81	1
5955MHz	Pass	5.95742G	-5.67	5.98976G	-58.98	-45.67	-13.31	2
6175MHz	Pass	6.17236G	-5.85	6.21438G	-60.00	-45.85	-14.15	1
6175MHz	Pass	6.17698G	-6.31	6.2146G	-60.00	-46.31	-13.69	2
6415MHz	Pass	6.41764G	-5.93	6.45944G	-59.97	-45.93	-14.04	1
6415MHz	Pass	6.41764G	-6.05	6.46032G	-60.21	-46.05	-14.16	2
6435MHz	Pass	6.43368G	-5.39	6.47988G	-59.80	-45.39	-14.41	1
6435MHz	Pass	6.4372G	-4.84	6.39012G	-59.77	-44.84	-14.93	2
6475MHz	Pass	6.47126G	-5.21	6.42946G	-59.97	-45.21	-14.76	1
6475MHz	Pass	6.47258G	-4.84	6.44068G	-59.59	-44.84	-14.75	2
6515MHz	Pass	6.51632G	-5.33	6.46858G	-59.98	-45.33	-14.65	1
6515MHz	Pass	6.51742G	-4.96	6.46858G	-59.51	-44.96	-14.55	2
6535MHz	Pass	6.53368G	-6.35	6.50266G	-60.44	-46.27	-14.17	1
6535MHz	Pass	6.53764G	-6.09	6.49892G	-60.37	-46.09	-14.28	2
6695MHz	Pass	6.69764G	-6.24	6.728G	-60.49	-46.24	-14.25	1
6695MHz	Pass	6.69654G	-6.17	6.72756G	-60.59	-46.17	-14.42	2
6855MHz	Pass	6.85764G	-6.02	6.88756G	-59.87	-46.02	-13.85	1
6855MHz	Pass	6.85742G	-5.98	6.82222G	-59.52	-45.98	-13.54	2
6875MHz	Pass	6.8739G	-6.26	6.90954G	-60.03	-46.26	-13.77	1
6875MHz	Pass	6.8794G	-5.99	6.90778G	-59.65	-45.99	-13.66	2
6895MHz	Pass	6.89346G	-6.76	6.93262G	-59.98	-46.76	-13.22	1
6895MHz	Pass	6.89742G	-6.82	6.92822G	-59.67	-46.82	-12.85	2
6995MHz	Pass	6.9939G	-7.08	6.96222G	-59.44	-47.08	-12.36	1
6995MHz	Pass	6.9972G	-6.46	6.96266G	-59.39	-46.46	-12.93	2
7095MHz	Pass	7.09764G	-7.19	7.12756G	-61.18	-47.19	-13.99	1
7095MHz	Pass	7.09698G	-6.37	7.12712G	-60.39	-46.22	-14.17	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.97071G	-4.17	6.0266G	-56.18	-44.17	-12.01	1
5965MHz	Pass	5.97115G	-3.63	6.02616G	-56.38	-43.63	-12.75	2
6165MHz	Pass	6.16984G	-4.14	6.22616G	-56.96	-44.14	-12.82	1
6165MHz	Pass	6.17115G	-3.40	6.22616G	-56.63	-43.40	-13.23	2
6405MHz	Pass	6.41027G	-4.14	6.46616G	-56.83	-44.14	-12.69	1
6405MHz	Pass	6.41027G	-3.83	6.3434G	-56.69	-43.83	-12.86	2
6445MHz	Pass	6.45115G	-3.23	6.50704G	-56.38	-43.23	-13.15	1
6445MHz	Pass	6.44016G	-2.64	6.38296G	-55.51	-42.64	-12.87	2
6485MHz	Pass	6.48984G	-2.75	6.4234G	-56.17	-42.75	-13.42	1
6485MHz	Pass	6.48016G	-2.71	6.42296G	-55.28	-42.71	-12.57	2
6525MHz	Pass	6.51885G	-2.95	6.4634G	-56.17	-42.95	-13.22	1
6525MHz	Pass	6.51885G	-2.78	6.4634G	-55.64	-42.78	-12.86	2
6565MHz	Pass	6.55885G	-4.12	6.6266G	-56.66	-44.12	-12.54	1
6565MHz	Pass	6.56104G	-3.89	6.5034G	-56.21	-43.89	-12.32	2
6685MHz	Pass	6.67973G	-4.25	6.74704G	-56.79	-44.25	-12.54	1
6685MHz	Pass	6.69115G	-3.91	6.62252G	-56.89	-43.91	-12.98	2
6845MHz	Pass	6.85071G	-4.22	6.90616G	-56.70	-44.22	-12.48	1
6845MHz	Pass	6.84016G	-4.00	6.7834G	-55.87	-44.00	-11.87	2
6885MHz	Pass	6.88104G	-4.19	6.82384G	-56.12	-44.19	-11.93	1
6885MHz	Pass	6.88984G	-3.86	6.8234G	-55.87	-43.86	-12.01	2
6925MHz	Pass	6.91885G	-4.88	6.8634G	-56.02	-44.88	-11.14	1
6925MHz	Pass	6.92016G	-4.33	6.98704G	-55.57	-44.33	-11.24	2
7005MHz	Pass	6.99753G	-4.93	6.9434G	-56.22	-44.93	-11.29	1
7005MHz	Pass	6.99973G	-4.51	6.94296G	-56.02	-44.51	-11.51	2
7085MHz	Pass	7.07357G	-6.74	6.99832G	-55.95	-46.74	-9.21	1
7085MHz	Pass	7.07357G	-6.07	6.99348G	-55.94	-46.07	-9.87	2
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-

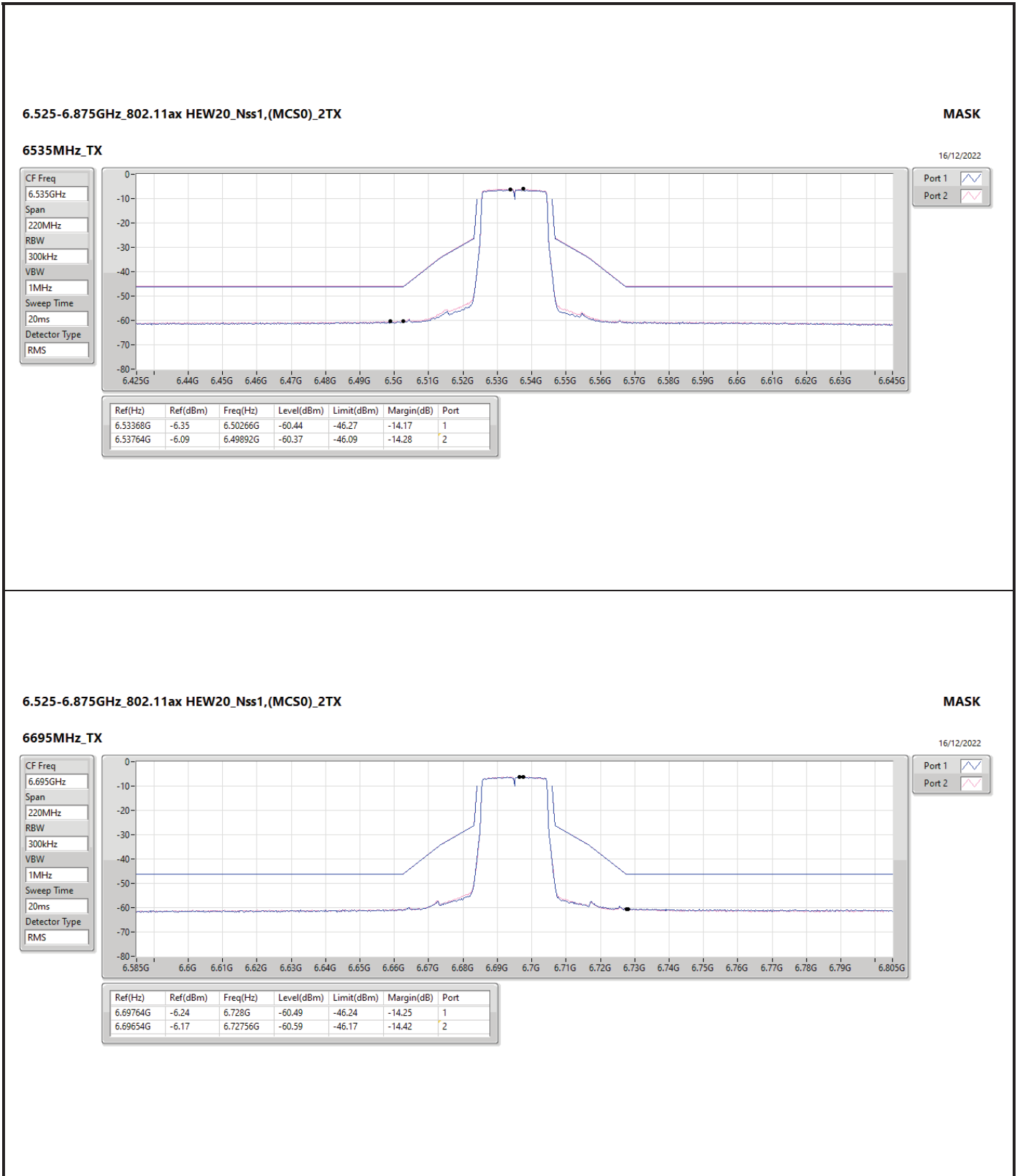


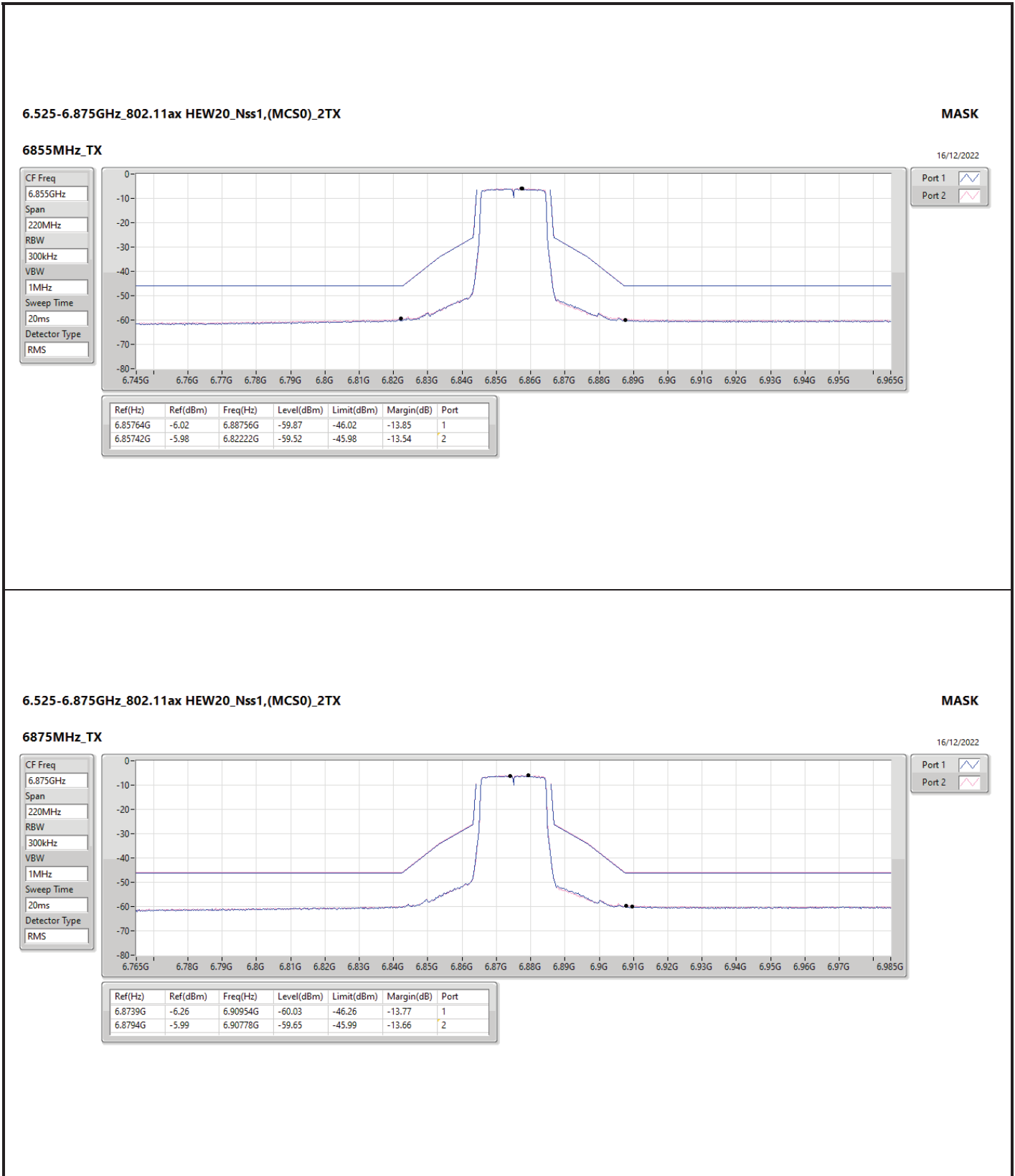
Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
5985MHz	Pass	5.99643G	-0.61	6.10732G	-50.07	-40.61	-9.46	1
5985MHz	Pass	5.99907G	-1.35	6.11084G	-50.39	-41.35	-9.04	2
6145MHz	Pass	6.15731G	-1.04	6.2682G	-50.37	-41.04	-9.33	1
6145MHz	Pass	6.15643G	-0.87	6.26732G	-50.43	-40.87	-9.56	2
6385MHz	Pass	6.37357G	-0.87	6.50732G	-50.49	-40.84	-9.65	1
6385MHz	Pass	6.37357G	-0.92	6.26268G	-50.69	-40.92	-9.77	2
6465MHz	Pass	6.47643G	0.29	6.58732G	-49.08	-39.68	-9.40	1
6465MHz	Pass	6.45005G	0.08	6.3418G	-48.89	-39.92	-8.97	2
6545MHz	Pass	6.53357G	0.22	6.66732G	-48.04	-39.75	-8.29	1
6545MHz	Pass	6.53005G	0.03	6.42268G	-48.33	-39.97	-8.36	2
6625MHz	Pass	6.63731G	-0.94	6.74732G	-50.23	-40.91	-9.32	1
6625MHz	Pass	6.63643G	-1.47	6.50092G	-50.86	-41.47	-9.39	2
6705MHz	Pass	6.71555G	-0.99	6.82732G	-50.08	-40.96	-9.12	1
6705MHz	Pass	6.69357G	-1.07	6.5818G	-51.16	-41.07	-10.09	2
6785MHz	Pass	6.79907G	-1.11	6.90732G	-49.89	-41.08	-8.81	1
6785MHz	Pass	6.79643G	-1.06	6.6618G	-50.30	-41.06	-9.24	2
6865MHz	Pass	6.85621G	-0.77	6.98644G	-48.74	-40.38	-8.36	1
6865MHz	Pass	6.87643G	-1.40	6.7418G	-49.04	-41.40	-7.64	2
6945MHz	Pass	6.93005G	-1.54	6.82092G	-49.32	-41.54	-7.78	1
6945MHz	Pass	6.95643G	-1.87	6.82092G	-49.65	-41.87	-7.78	2
7025MHz	Pass	6.99511G	-1.54	6.90268G	-48.20	-41.51	-6.69	1
7025MHz	Pass	6.99511G	-2.14	6.90092G	-49.78	-42.14	-7.64	2
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	6.0479G	1.62	6.27492G	-42.08	-38.38	-3.70	1
6025MHz	Pass	6.0988G	1.16	6.27492G	-43.48	-38.84	-4.64	2
6185MHz	Pass	6.2114G	1.12	6.4314G	-44.88	-38.82	-6.06	1
6185MHz	Pass	6.1692G	1.21	6.43316G	-45.03	-38.79	-6.24	2
6345MHz	Pass	6.3696G	1.55	6.09684G	-43.22	-38.45	-4.77	1
6345MHz	Pass	6.3696G	1.06	6.10036G	-44.94	-38.81	-6.13	2
6505MHz	Pass	6.4821G	1.32	6.71444G	-36.47	-33.31	-3.16	1
6505MHz	Pass	6.4487G	1.11	6.25684G	-43.62	-38.89	-4.73	2
6665MHz	Pass	6.7301G	1.45	6.9994G	-45.99	-35.96	-10.03	1
6665MHz	Pass	6.6966G	0.67	6.42036G	-43.51	-39.30	-4.21	2
6825MHz	Pass	6.7986G	2.98	6.96228G	-28.23	-17.21	-11.02	1
6825MHz	Pass	6.7986G	2.33	6.49236G	-45.47	-37.67	-7.80	2
6985MHz	Pass	6.927G	0.66	6.7386G	-46.14	-39.34	-6.80	1
6985MHz	Pass	6.9604G	-0.01	6.74036G	-44.12	-39.98	-4.14	2

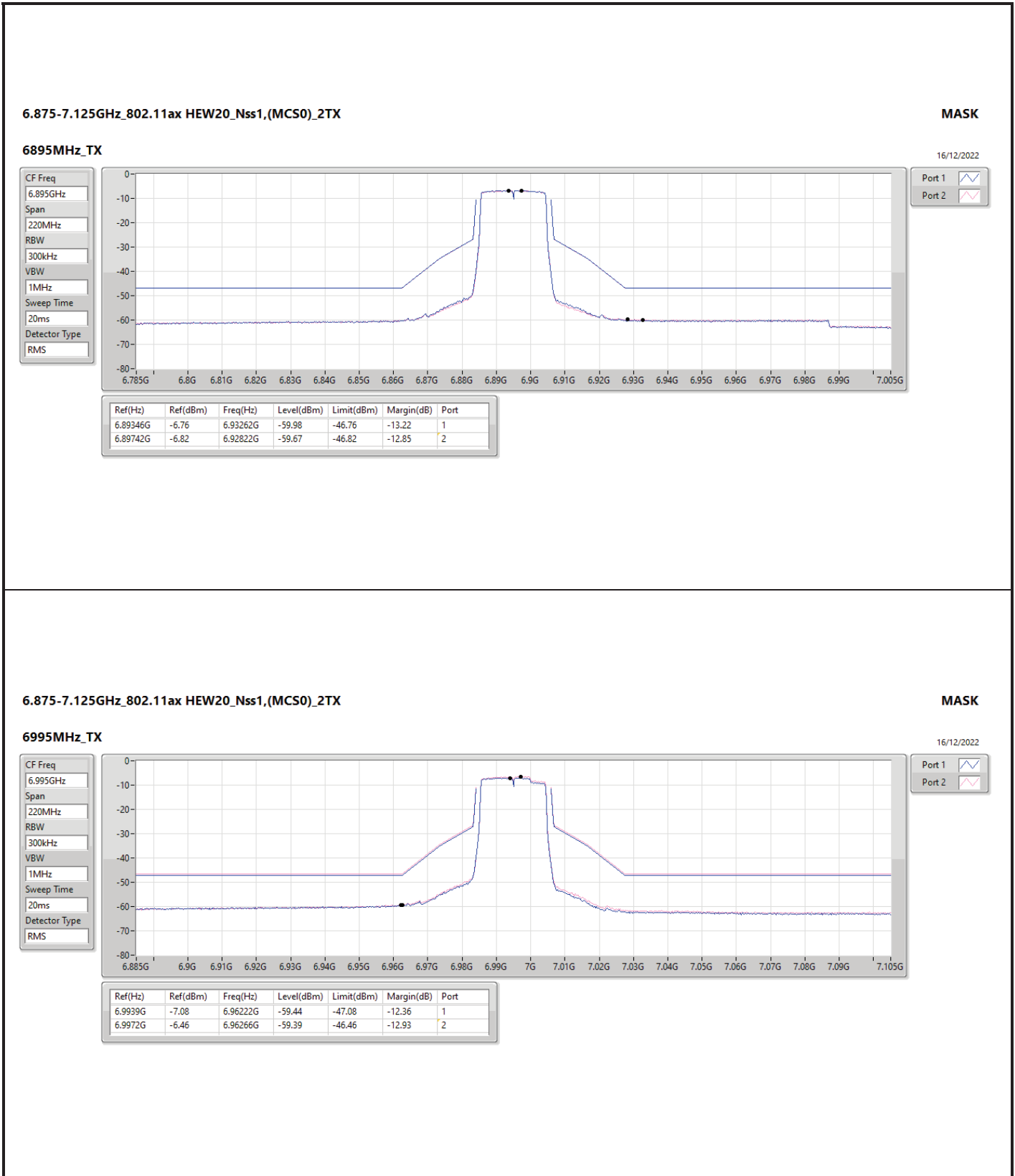


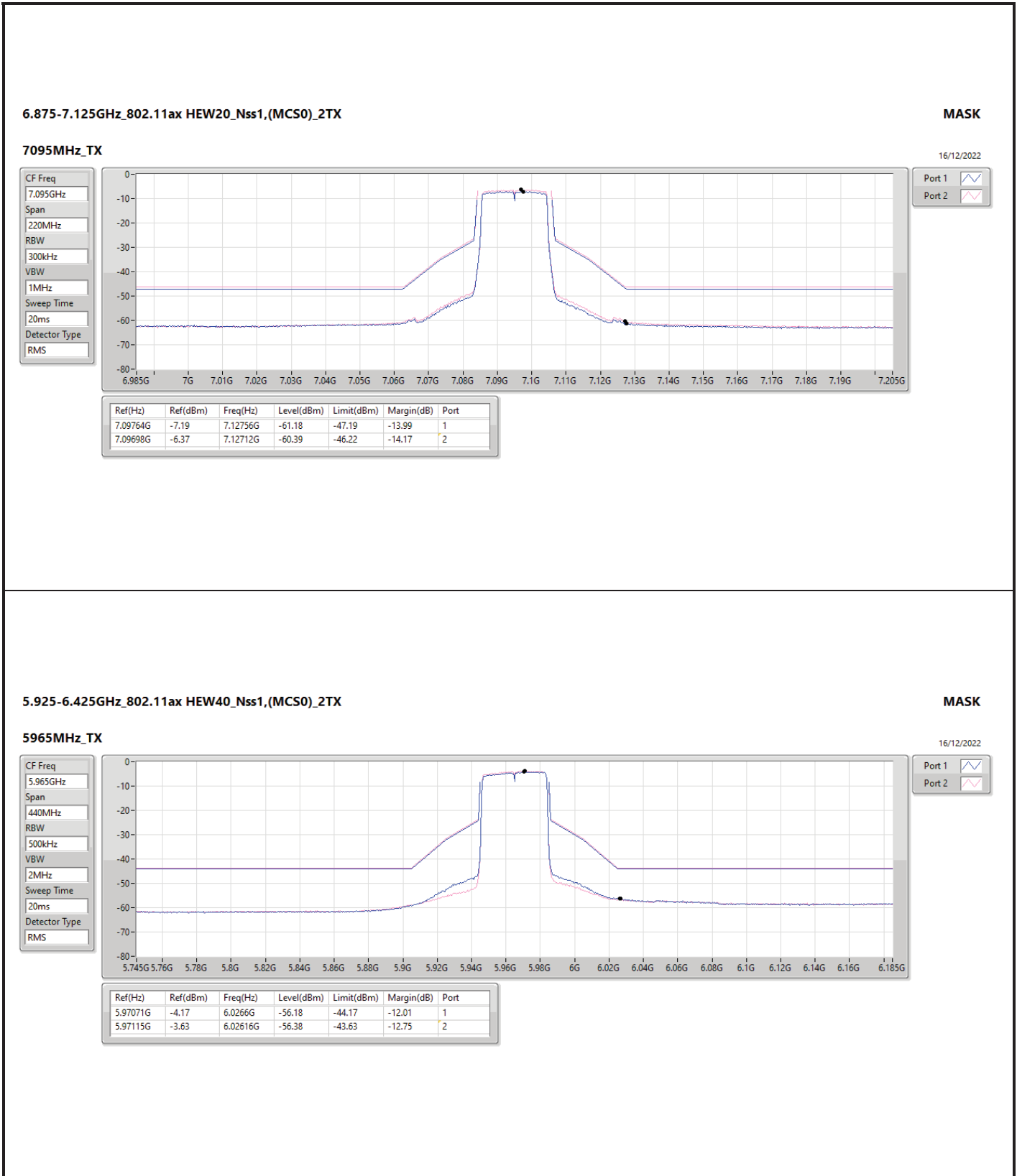


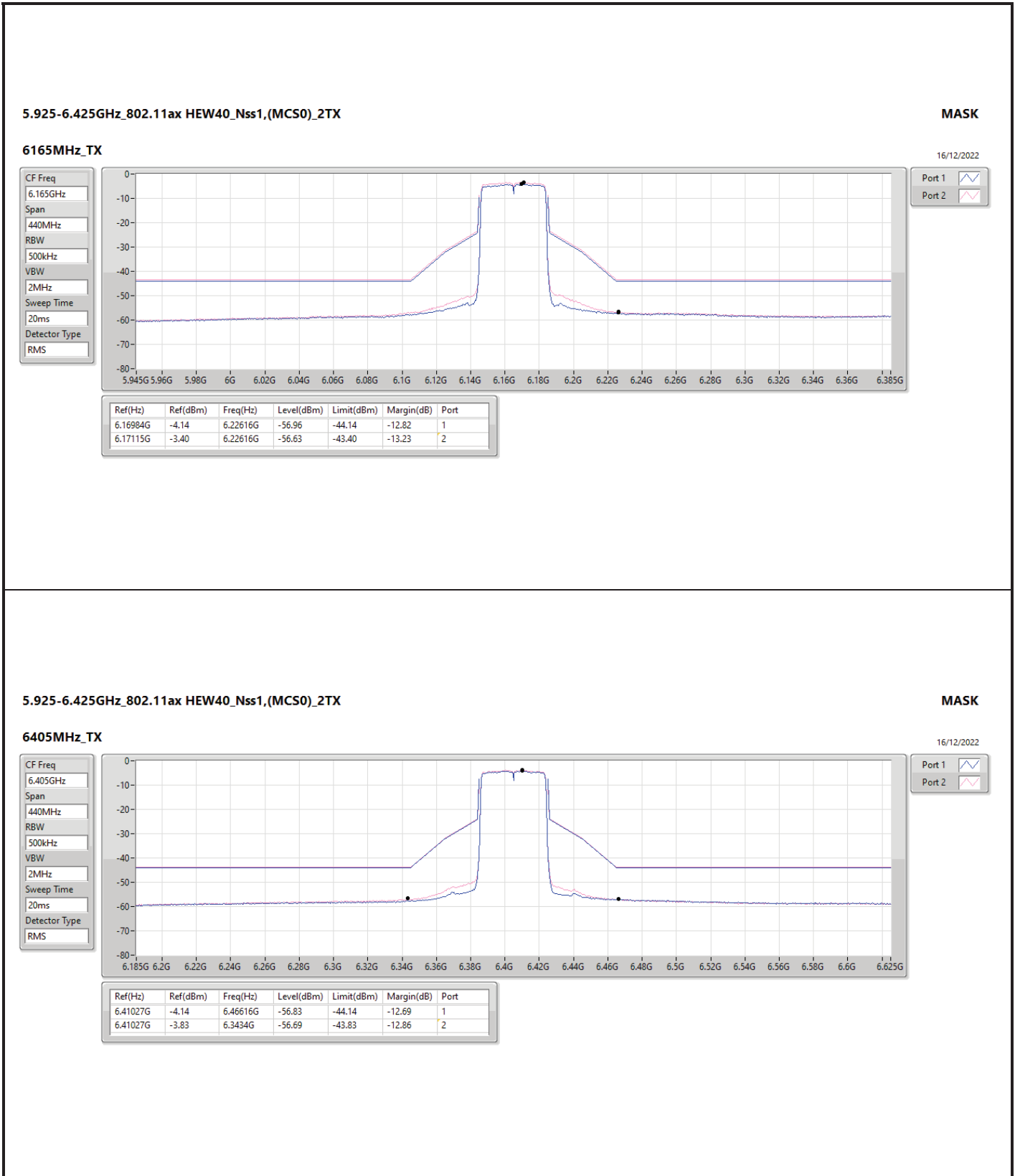


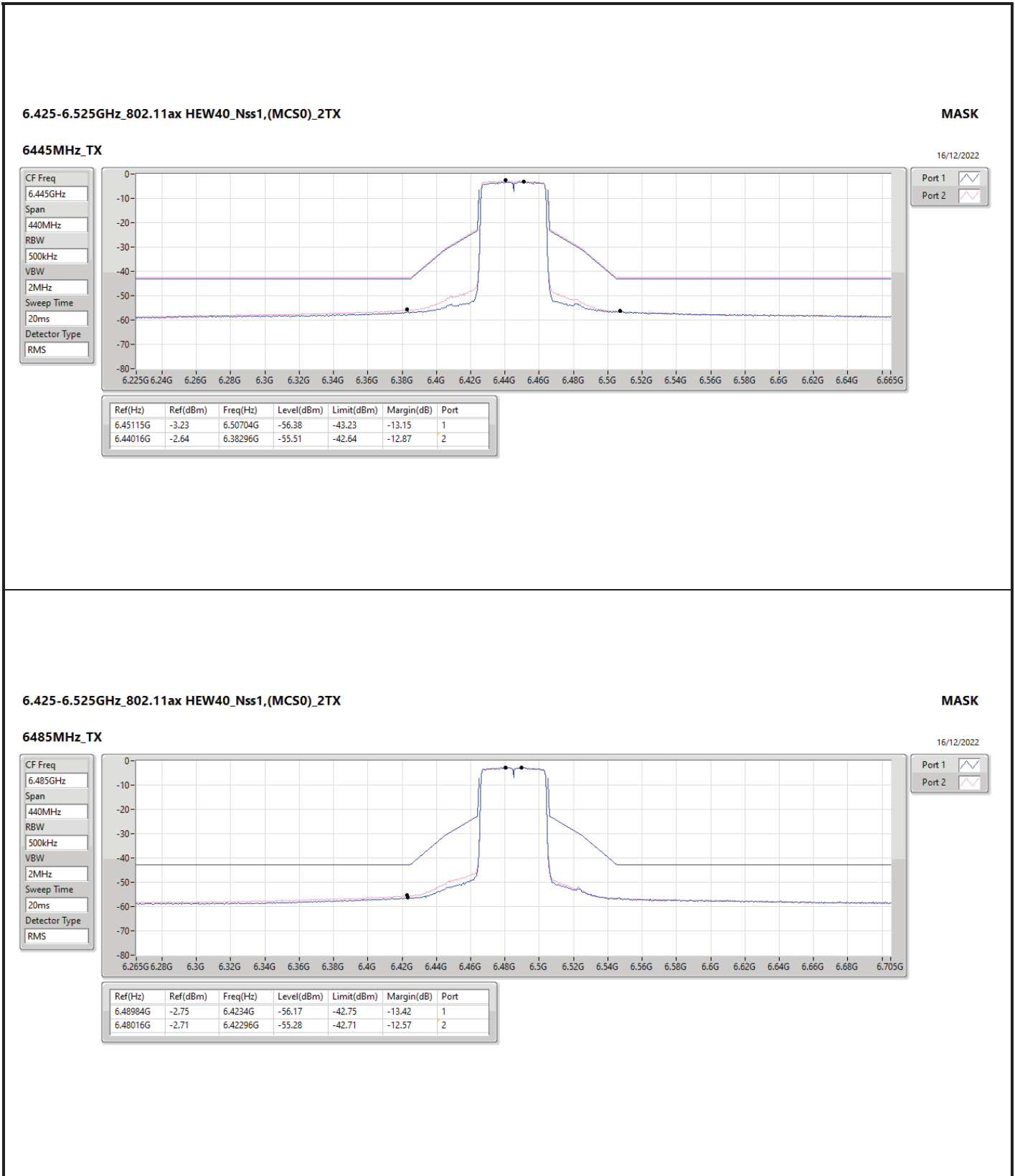


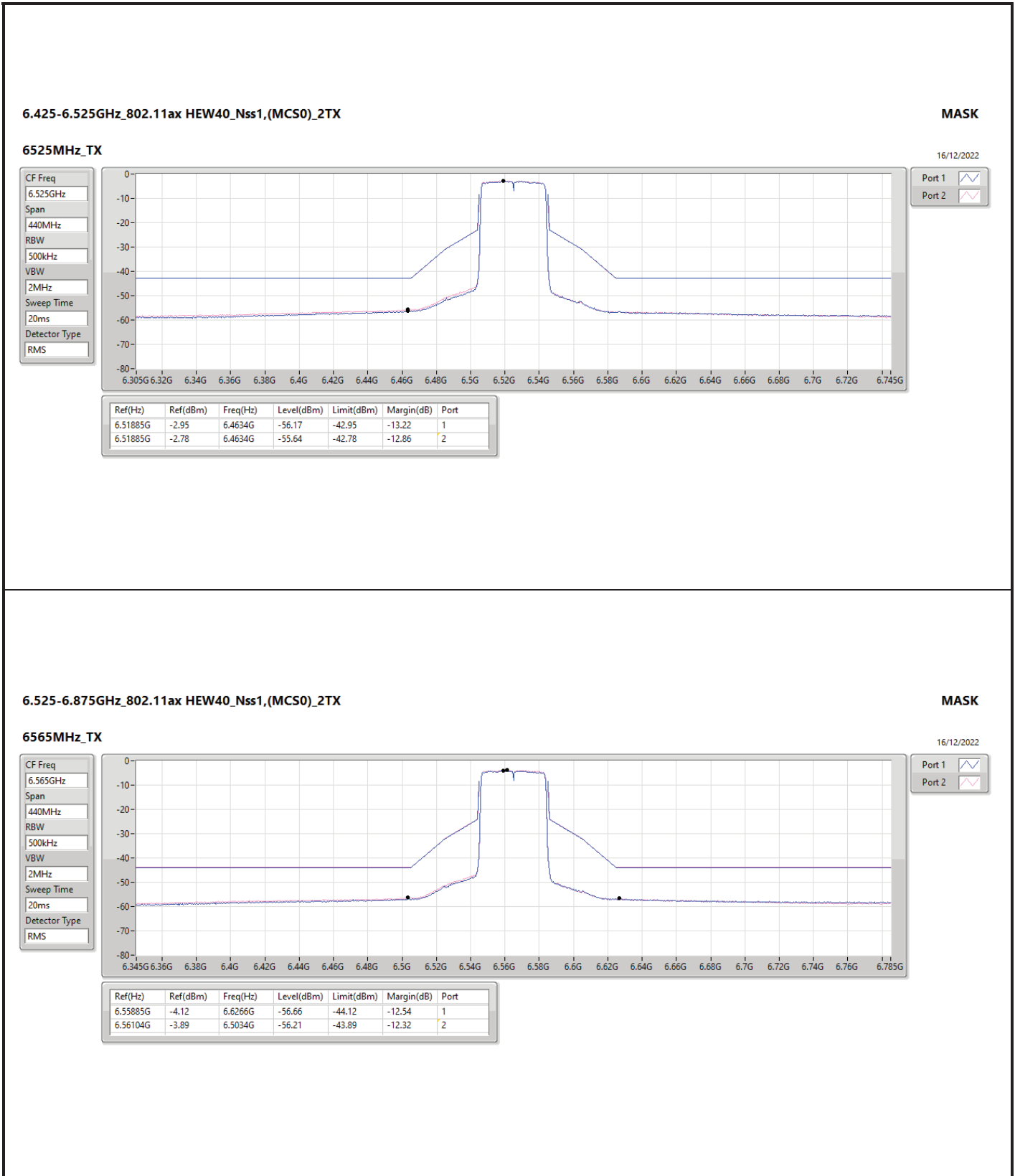


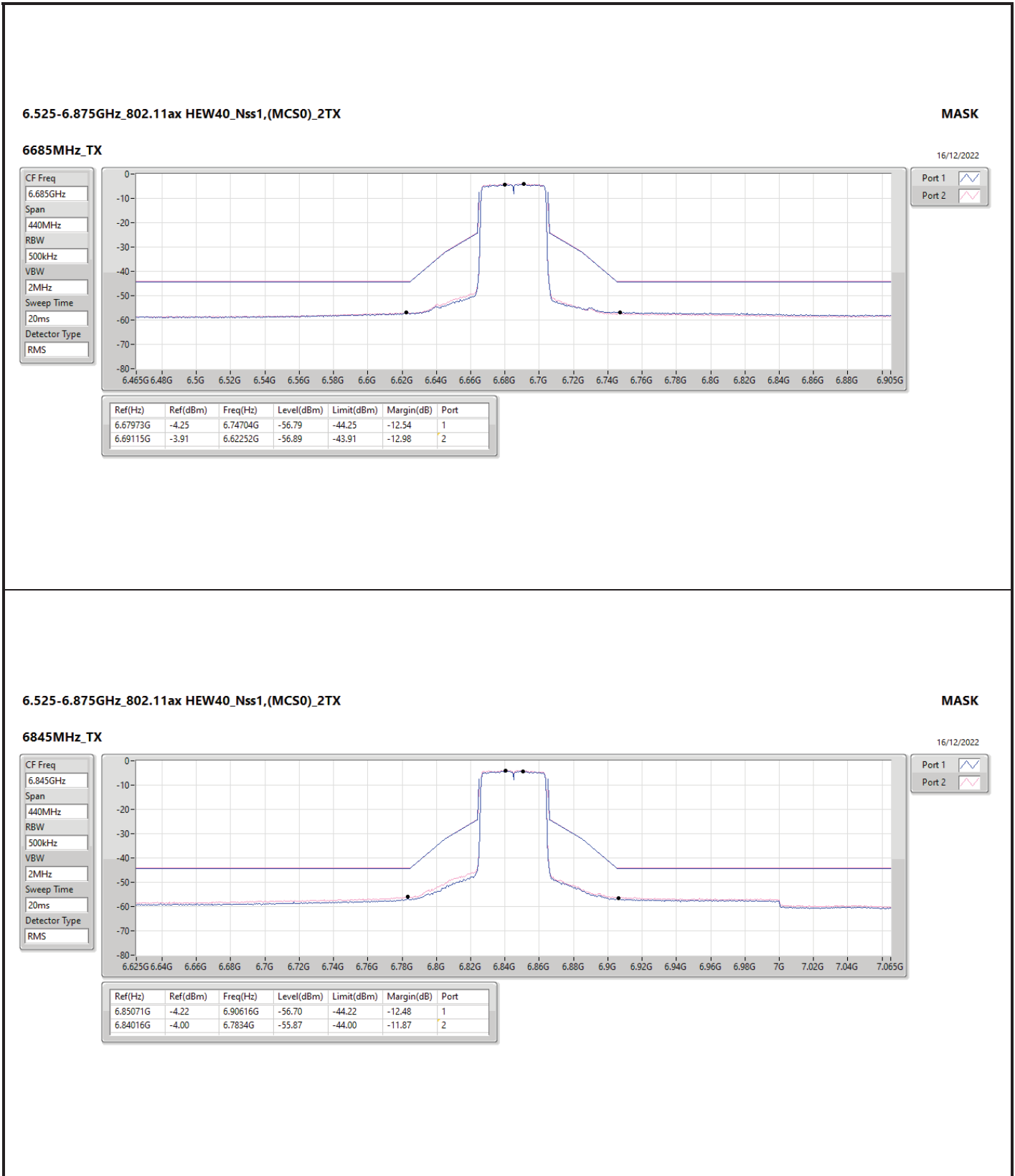


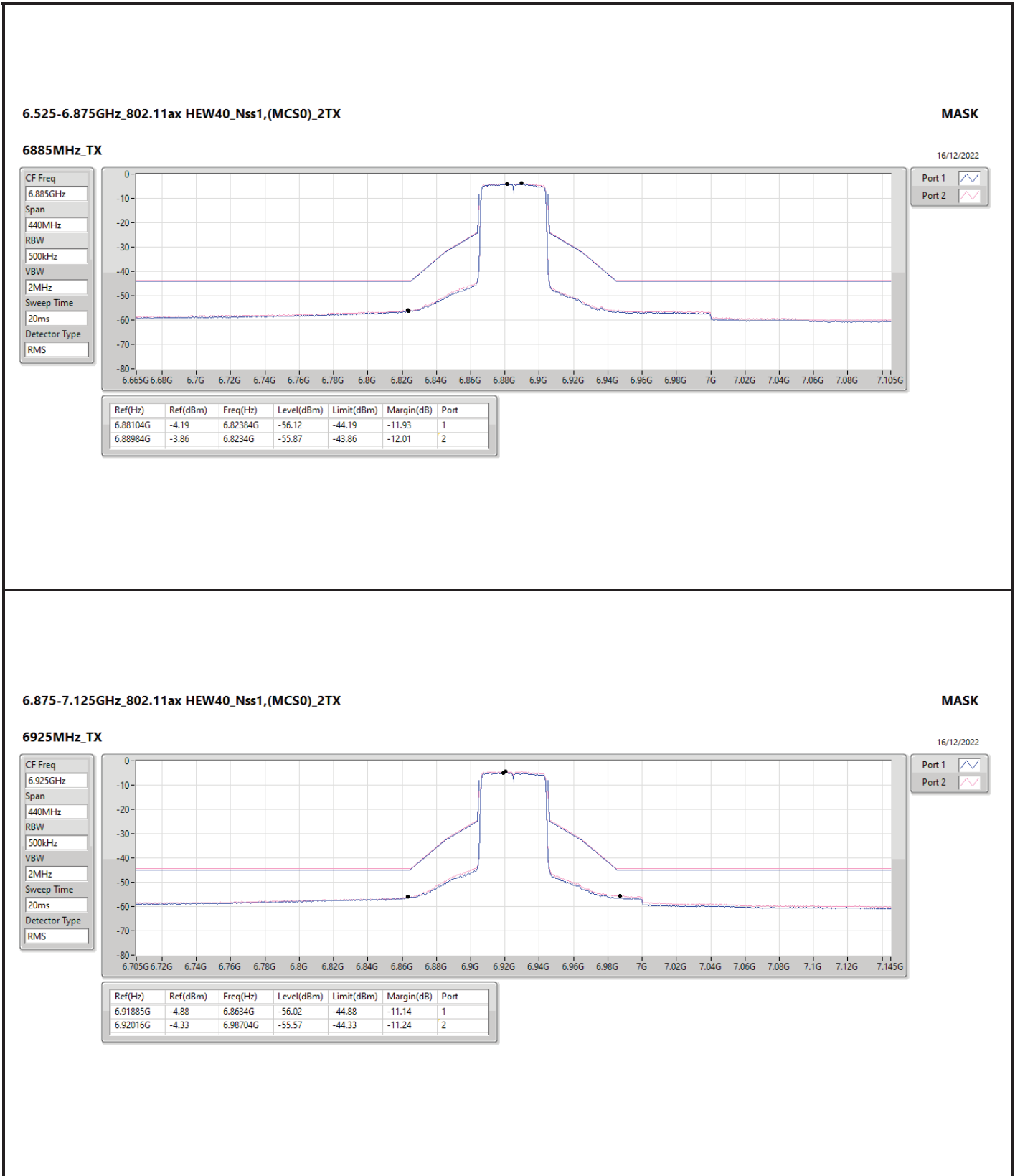




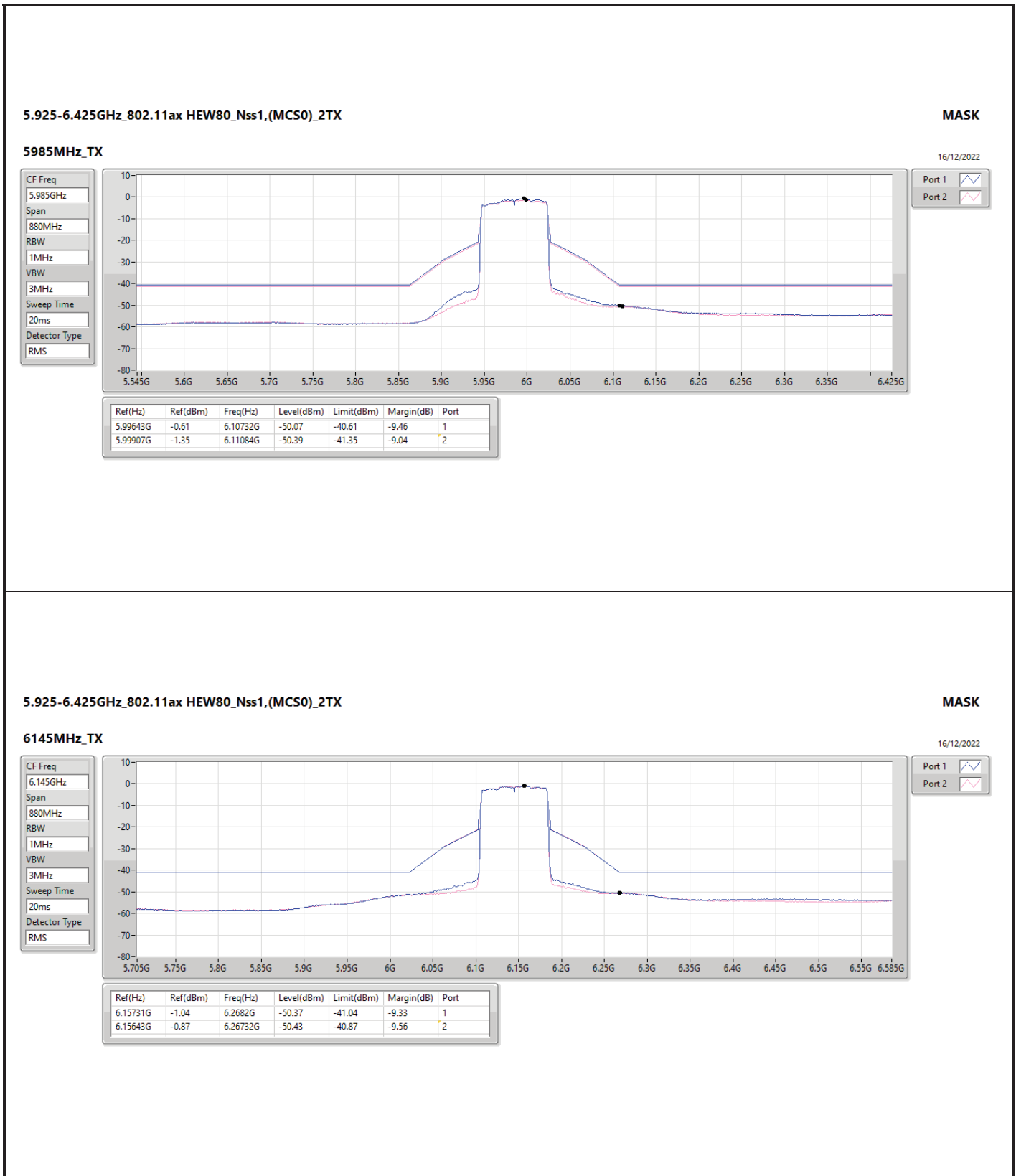


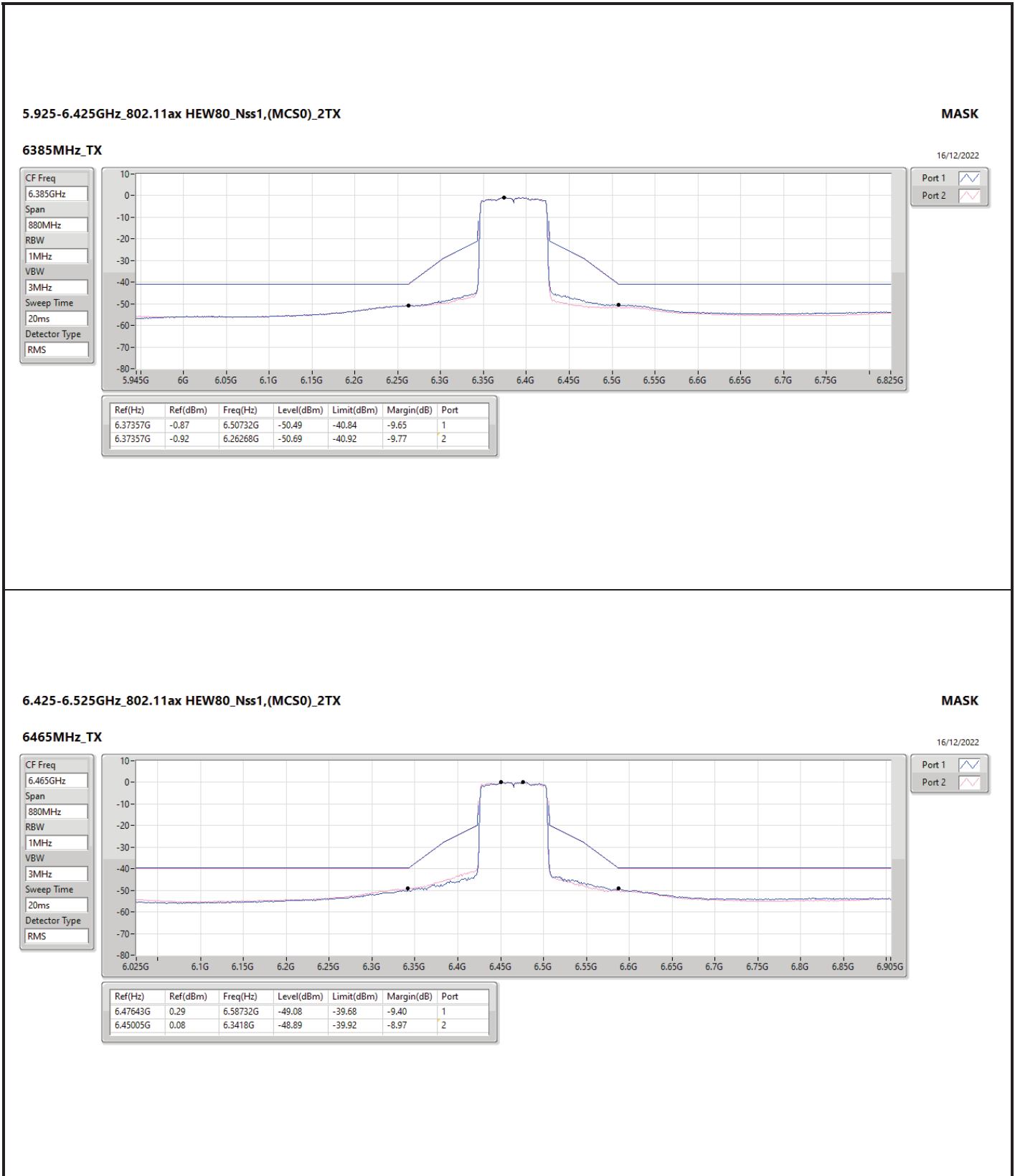


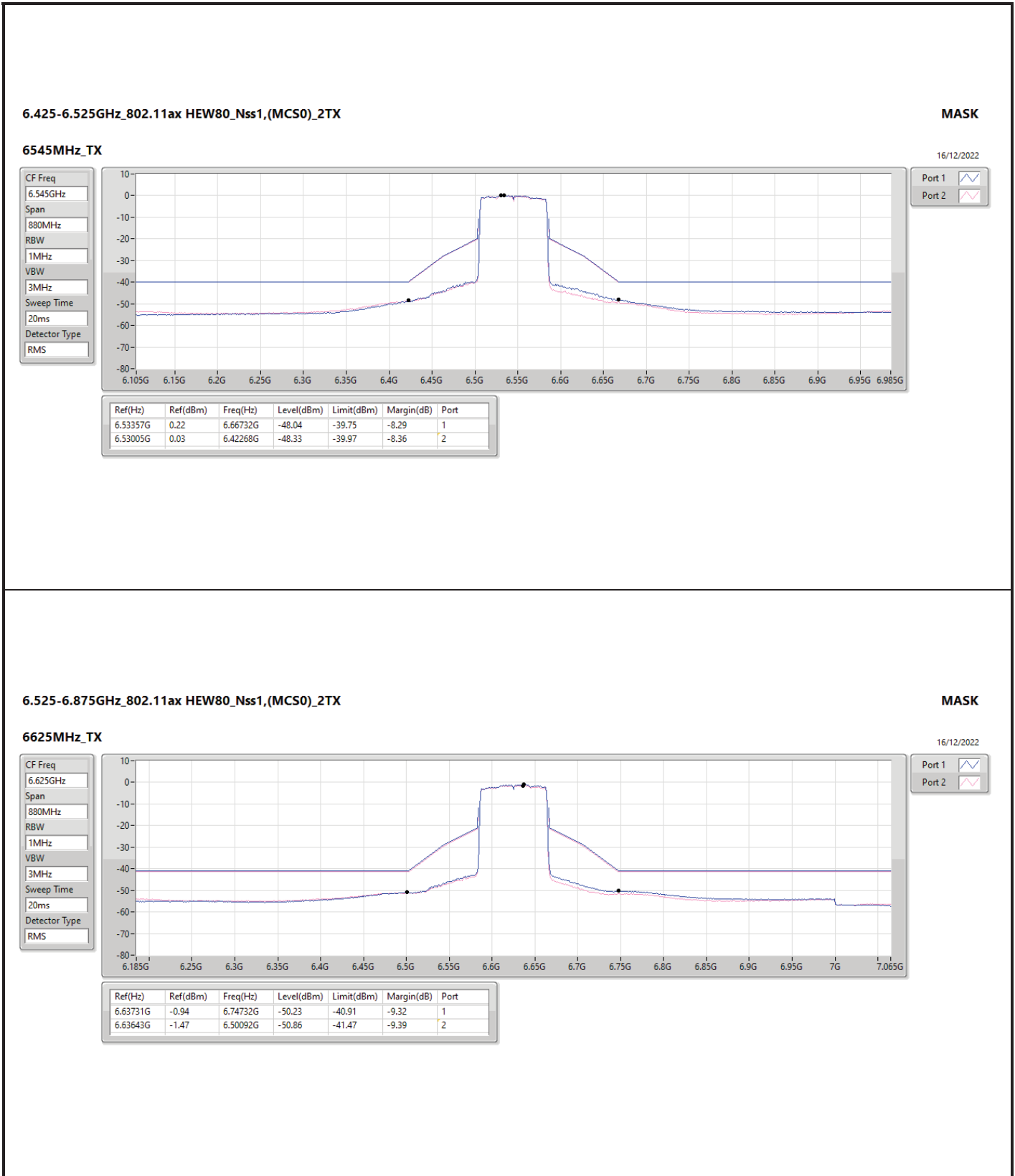


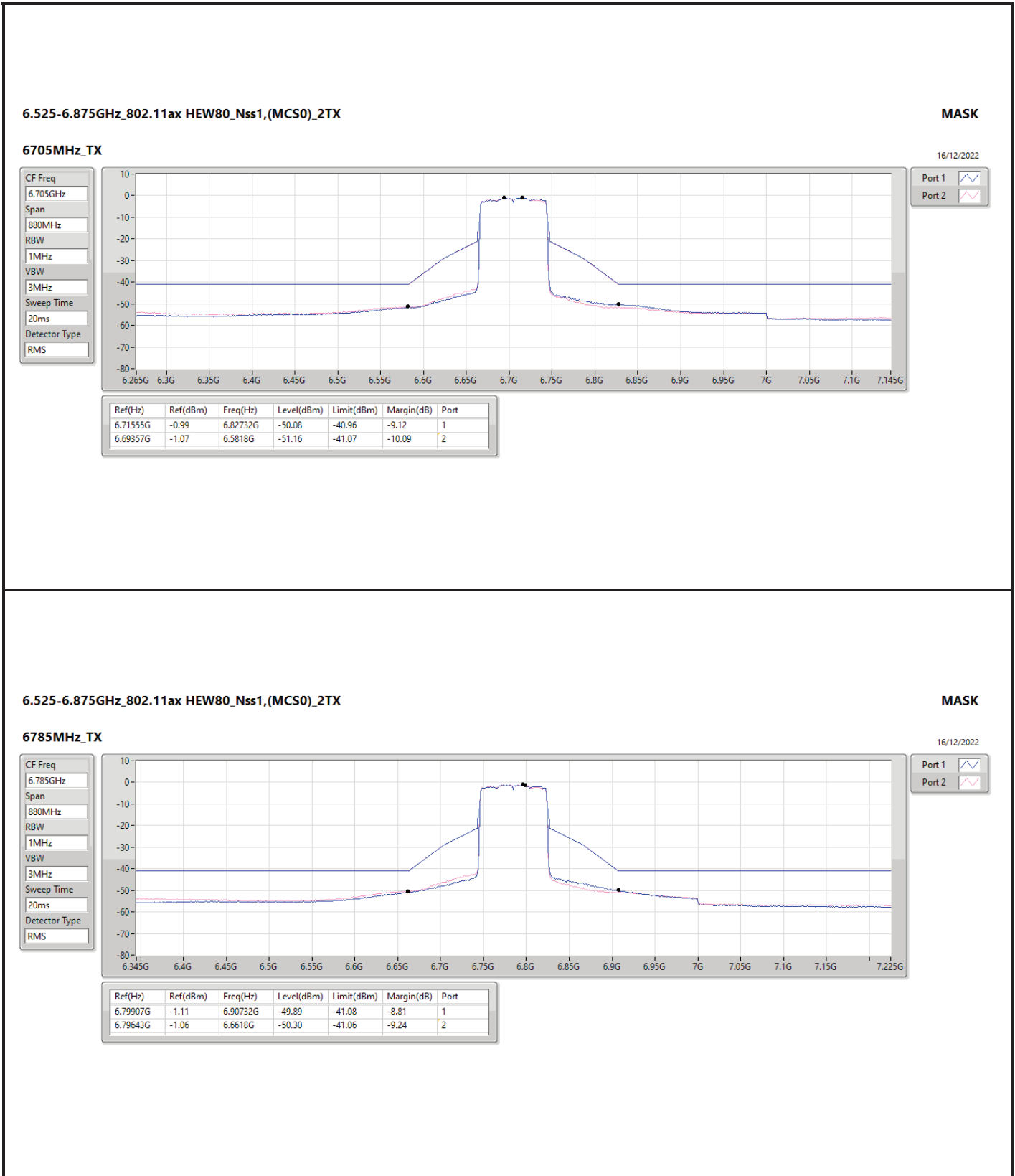


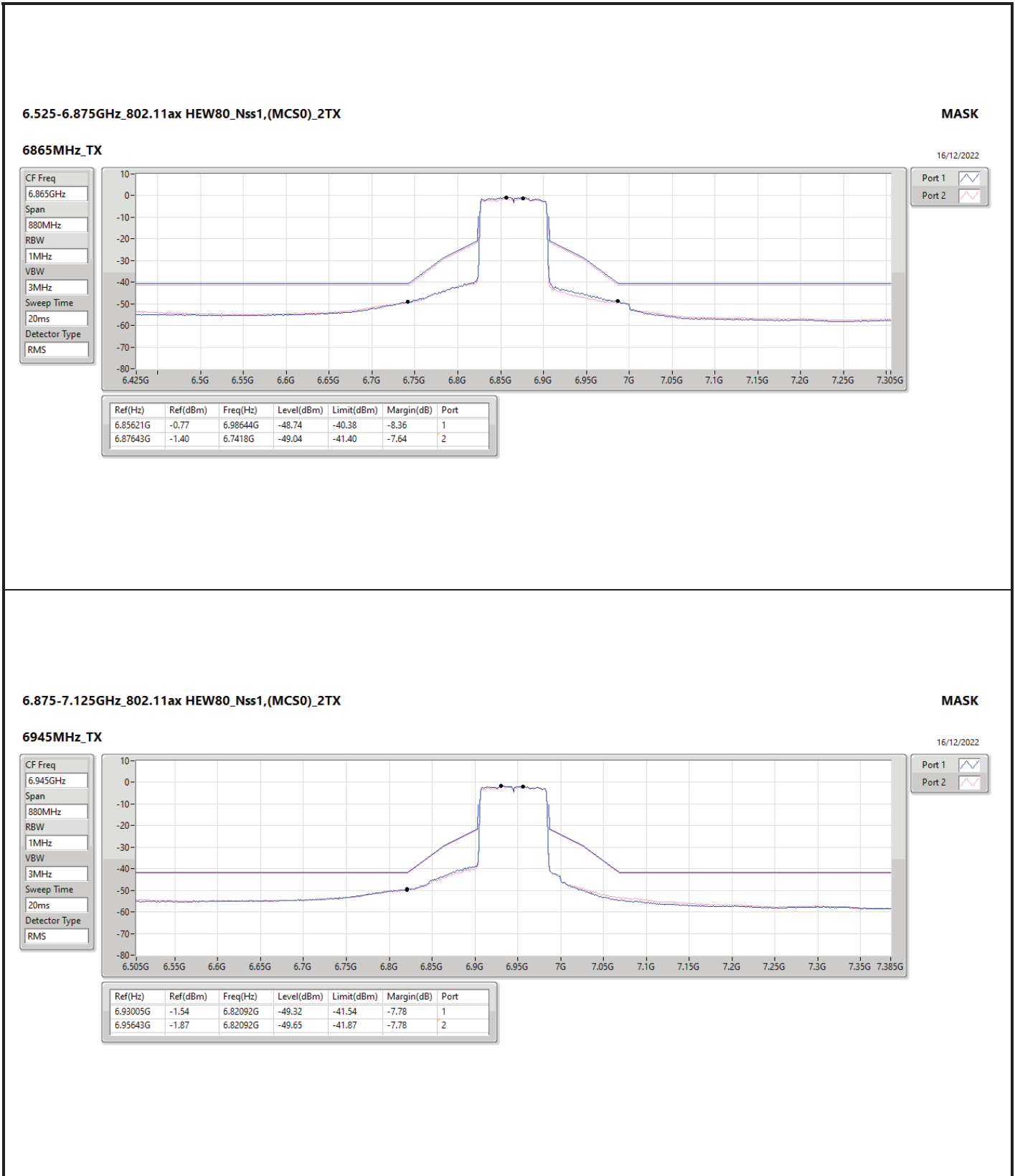


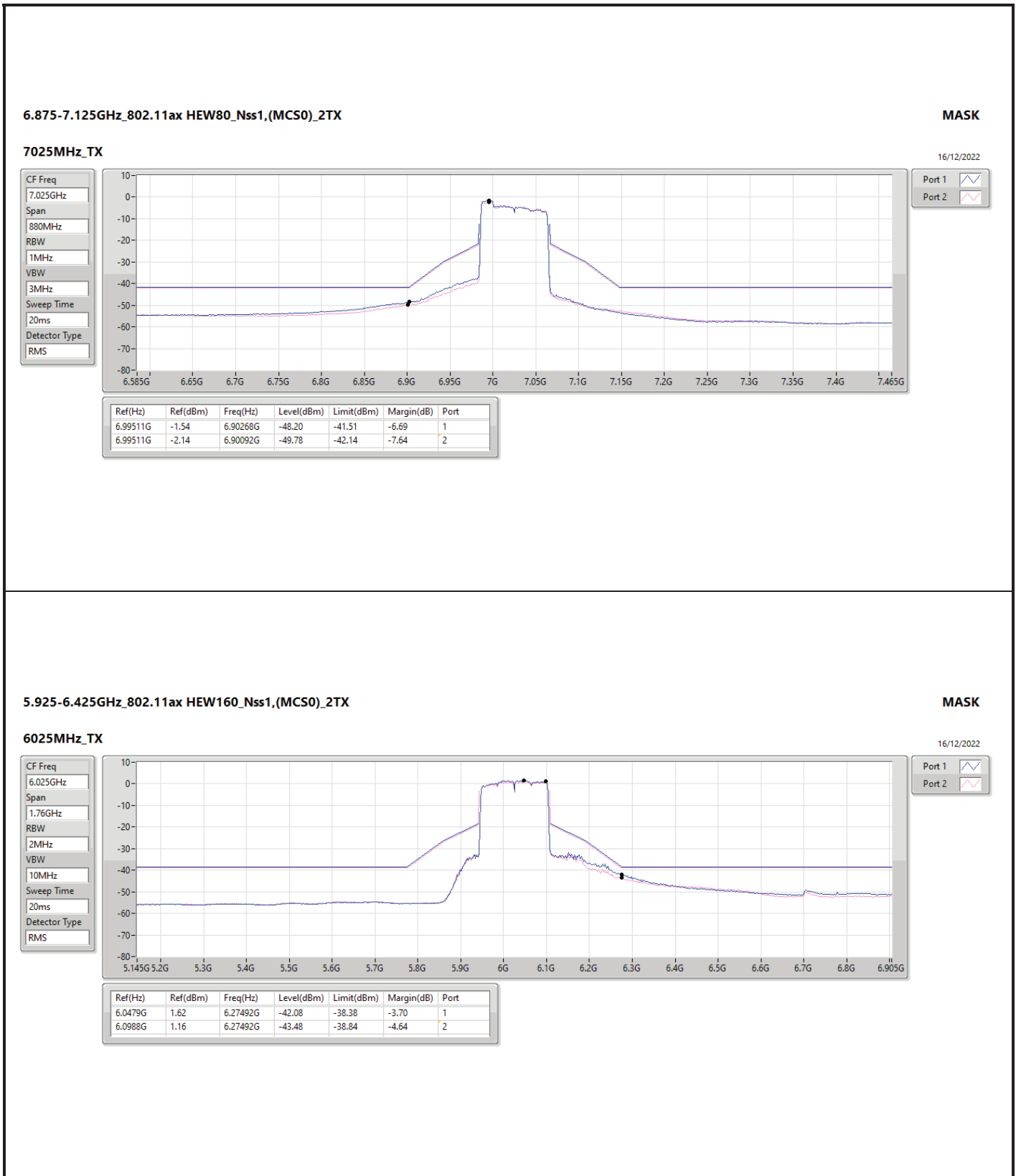












5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

MASK

6025MHz_TX

16/12/2022

CF Freq
6.025GHz

Span
1.76GHz

RBW
2MHz

VBW
10MHz

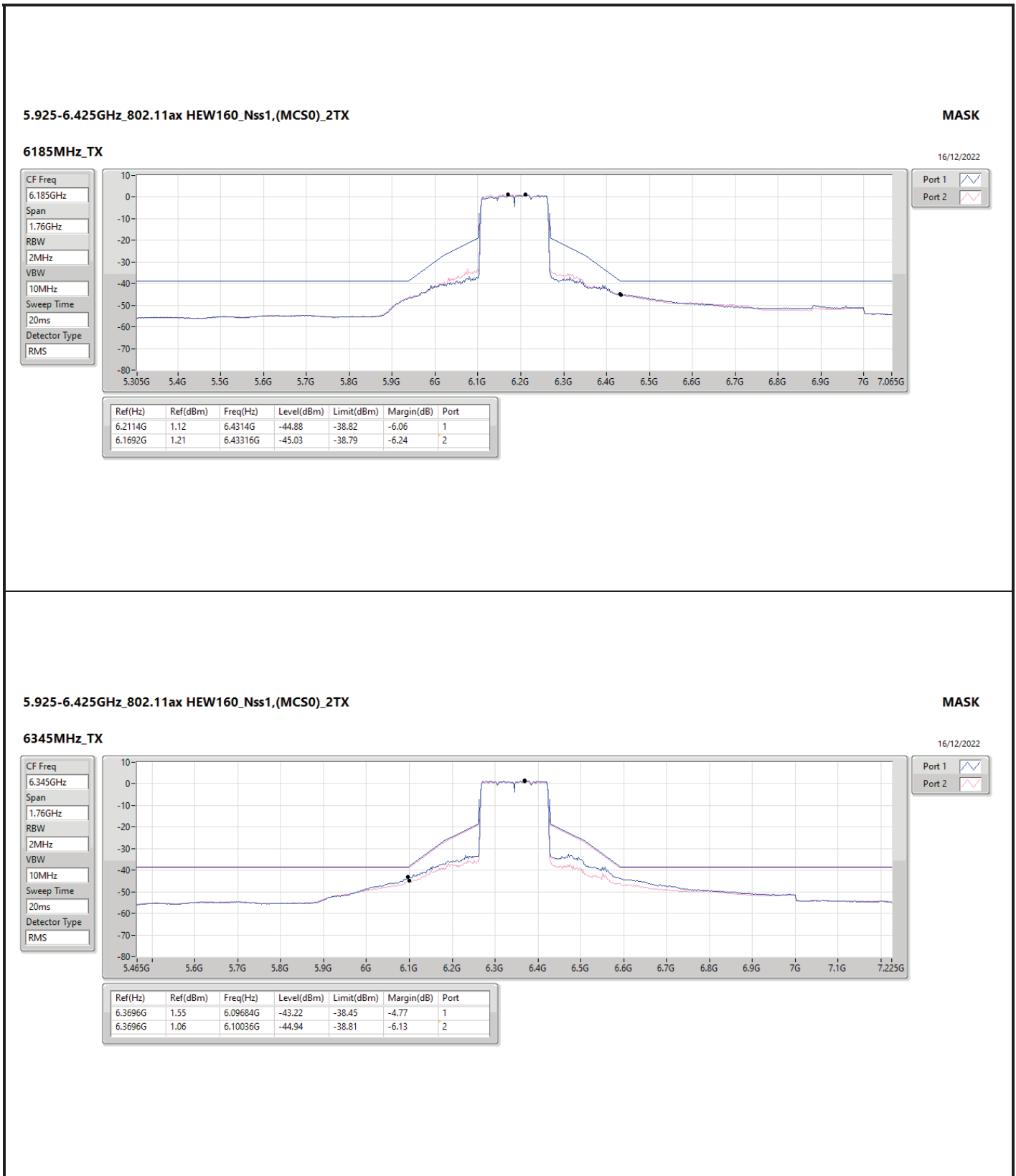
Sweep Time
20ms

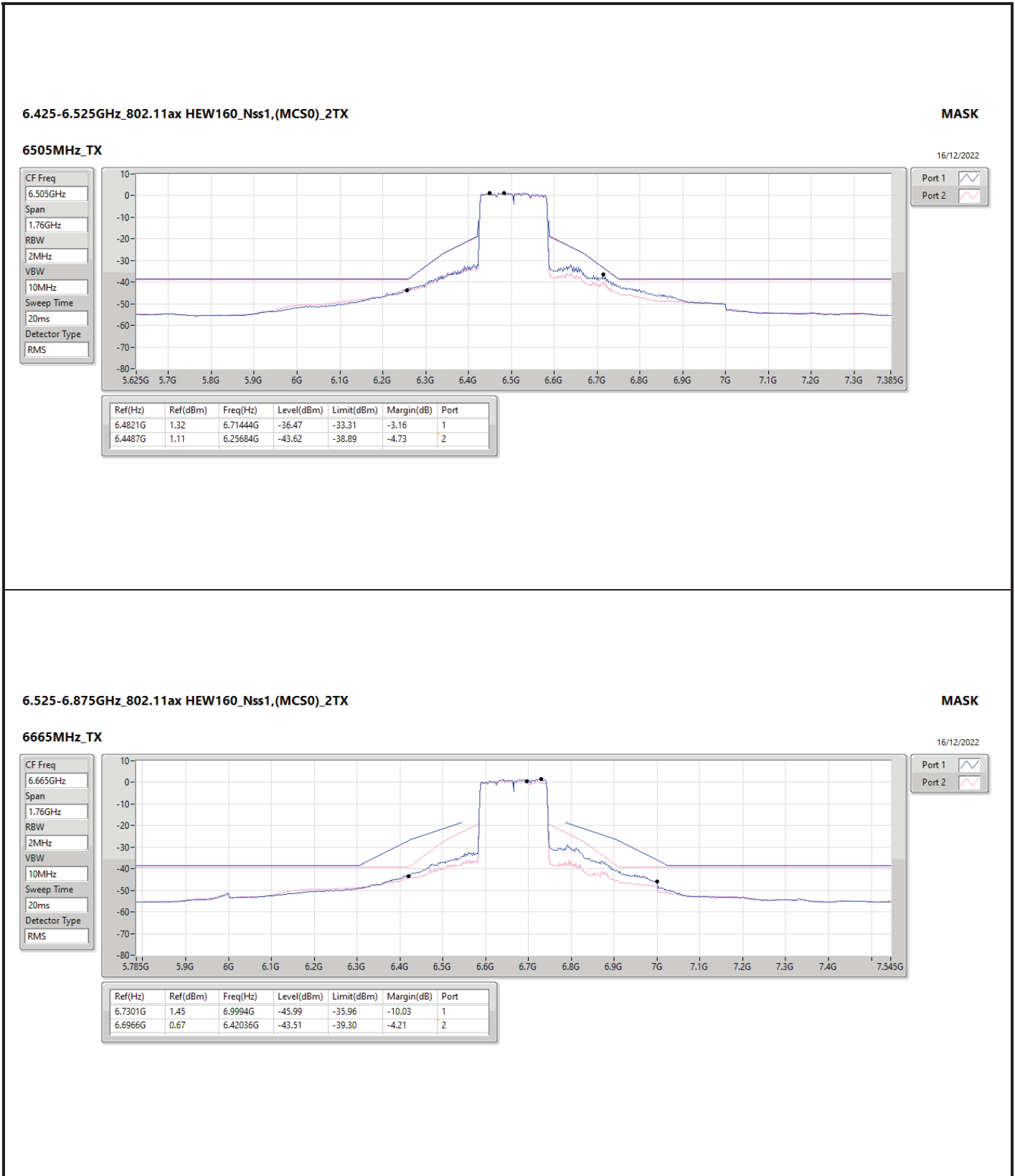
Detector Type
RMS

Port 1

Port 2

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.0479G	1.62	6.27492G	-42.08	-38.38	-3.70	1
6.0988G	1.16	6.27492G	-43.48	-38.84	-4.64	2





6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

MASK

6825MHz_TX

16/12/2022

CF Freq
6.825GHz

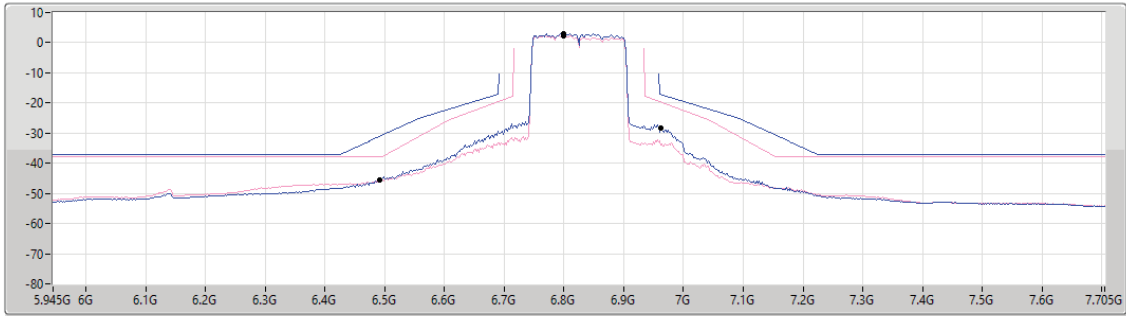
Span
1.76GHz


RBW
3MHz


VBW
10MHz

Sweep Time
20ms

Detector Type
RMS



Port 1 

Port 2 

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.7986G	2.98	6.96228G	-28.23	-17.21	-11.02	1
6.7986G	2.33	6.49236G	-45.47	-37.67	-7.80	2

6.875-7.125GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

MASK

6985MHz_TX

27/12/2022

CF Freq
6.985GHz

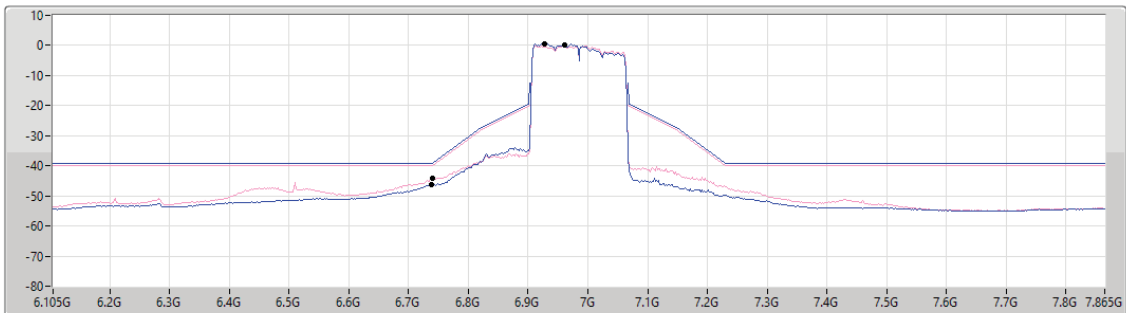
Span
1.76GHz


RBW
2MHz


VBW
10MHz

Sweep Time
20ms

Detector Type
RMS



Port 1 

Port 2 

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.927G	0.66	6.7386G	-46.14	-39.34	-6.80	1
6.9604G	-0.01	6.74036G	-44.12	-39.98	-4.14	2



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
5.925-6.425GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	5.93082G	-8.55	5.90068G	-60.71	-48.55	-12.16	1
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	6.4028G	-0.94	6.46616G	-49.47	-40.94	-8.53	1
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	6.37093G	4.02	6.44924G	-24.70	-16.81	-7.89	1
802.11ax HEW160_Nss1,(MCS0)_1TX	Pass	6.0496G	0.05	5.77684G	-46.07	-39.95	-6.12	1
6.425-6.525GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	6.43764G	-2.17	6.46734G	-55.21	-41.99	-13.22	1
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	6.44984G	3.28	6.41332G	-26.85	-17.48	-9.37	1
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	6.47291G	4.08	6.52572G	-24.10	-16.26	-7.84	1
802.11ax HEW160_Nss1,(MCS0)_1TX	Pass	6.5349G	4.79	6.66516G	-26.29	-15.28	-11.01	1
6.525-6.875GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	6.85258G	-2.90	6.88778G	-56.75	-42.90	-13.85	1
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	6.85071G	-1.03	6.90572G	-48.35	-41.03	-7.32	1
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	6.69269G	0.38	6.8414G	-46.20	-39.62	-6.58	1
802.11ax HEW160_Nss1,(MCS0)_1TX	Pass	6.8514G	5.18	6.66132G	-24.47	-14.90	-9.57	1
6.875-7.125GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	7.11764G	-6.41	7.08266G	-59.23	-46.41	-12.82	1
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	6.92016G	-1.72	6.86472G	-49.99	-41.65	-8.34	1
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	6.99423G	3.56	6.94756G	-23.49	-16.53	-6.96	1
802.11ax HEW160_Nss1,(MCS0)_1TX	Pass	6.9235G	5.53	6.809G	-23.22	-14.51	-8.71	1



Result

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.95764G	-2.96	5.92024G	-56.10	-42.96	-13.14	1
6175MHz	Pass	6.17258G	-3.10	6.14156G	-57.96	-43.10	-14.86	1
6415MHz	Pass	6.41764G	-3.03	6.44756G	-57.65	-43.03	-14.62	1
6435MHz	Pass	6.43764G	-2.17	6.46734G	-55.21	-41.99	-13.22	1
6475MHz	Pass	6.47566G	-1.89	6.50734G	-55.23	-41.71	-13.52	1
6515MHz	Pass	6.5106G	-2.09	6.5469G	-54.56	-41.32	-13.24	1
6535MHz	Pass	6.5328G	-3.19	6.56712G	-57.82	-42.86	-14.96	1
6695MHz	Pass	6.6928G	-3.27	6.728G	-58.00	-43.27	-14.73	1
6855MHz	Pass	6.85258G	-2.90	6.88778G	-56.75	-42.90	-13.85	1
6875MHz	Pass	6.87016G	-3.30	6.90734G	-57.08	-43.22	-13.86	1
6895MHz	Pass	6.89258G	-3.69	6.92778G	-58.11	-43.69	-14.42	1
6995MHz	Pass	6.99038G	-3.92	6.96134G	-57.60	-43.92	-13.68	1
7095MHz	Pass	7.09368G	-4.15	7.0609G	-57.40	-44.15	-13.25	1
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.95797G	-1.11	5.90604G	-49.64	-40.35	-9.29	1
6165MHz	Pass	6.17027G	-0.86	6.2244G	-49.73	-40.46	-9.27	1
6405MHz	Pass	6.4028G	-0.94	6.46616G	-49.47	-40.94	-8.53	1
6445MHz	Pass	6.44984G	3.28	6.41332G	-26.85	-17.48	-9.37	1
6485MHz	Pass	6.48104G	3.25	6.51536G	-27.19	-17.31	-9.88	1
6525MHz	Pass	6.53071G	2.96	6.55624G	-28.25	-17.58	-10.67	1
6565MHz	Pass	6.5628G	-1.16	6.62528G	-49.05	-41.09	-7.96	1
6685MHz	Pass	6.6806G	-1.02	6.74528G	-49.18	-40.95	-8.23	1
6845MHz	Pass	6.85071G	-1.03	6.90572G	-48.35	-41.03	-7.32	1
6885MHz	Pass	6.87797G	-1.04	6.82516G	-48.35	-40.71	-7.64	1
6925MHz	Pass	6.92016G	-1.72	6.86472G	-49.99	-41.65	-8.34	1
7005MHz	Pass	6.99753G	-1.99	6.9368G	-51.92	-41.99	-9.93	1
7085MHz	Pass	7.07973G	-2.08	7.05112G	-32.85	-24.43	-8.42	1
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5985MHz	Pass	5.97357G	0.84	5.86268G	-47.59	-39.13	-8.46	1
6145MHz	Pass	6.13621G	4.05	6.20836G	-26.17	-17.96	-8.21	1
6385MHz	Pass	6.37093G	4.02	6.44924G	-24.70	-16.81	-7.89	1
6465MHz	Pass	6.47291G	4.08	6.52572G	-24.10	-16.26	-7.84	1
6545MHz	Pass	6.55643G	3.77	6.60924G	-26.02	-17.06	-8.96	1
6625MHz	Pass	6.63643G	3.75	6.7746G	-44.39	-35.96	-8.43	1
6705MHz	Pass	6.69269G	0.38	6.8414G	-46.20	-39.62	-6.58	1
6785MHz	Pass	6.77093G	4.33	6.72076G	-23.58	-15.73	-7.85	1
6865MHz	Pass	6.85269G	4.19	6.93452G	-24.22	-16.18	-8.04	1
6945MHz	Pass	6.93181G	4.19	6.86404G	-24.32	-15.87	-8.45	1
7025MHz	Pass	6.99423G	3.56	6.94756G	-23.49	-16.53	-6.96	1
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
6025MHz	Pass	6.0496G	0.05	5.77684G	-46.07	-39.95	-6.12	1
6185MHz	Pass	6.2114G	4.71	6.88372G	-45.48	-35.29	-10.19	1
6345MHz	Pass	6.3696G	5.33	6.51748G	-25.33	-14.73	-10.60	1
6505MHz	Pass	6.5349G	4.79	6.66516G	-26.29	-15.28	-11.01	1
6665MHz	Pass	6.6896G	5.21	6.82516G	-25.86	-14.86	-11.00	1
6825MHz	Pass	6.8514G	5.18	6.66132G	-24.47	-14.90	-9.57	1
6985MHz	Pass	6.9235G	5.53	6.809G	-23.22	-14.51	-8.71	1



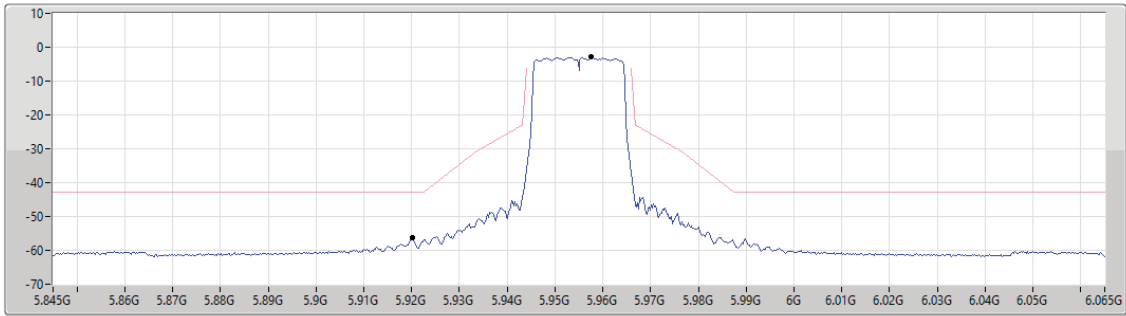
5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

5955MHz_TX

16/12/2022

CF Freq
5.955GHz
Span
220MHz
RBW
300kHz
VBW
1MHz
Sweep Time
20ms
Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.95764G	-2.96	5.92024G	-56.10	-42.96	-13.14	1

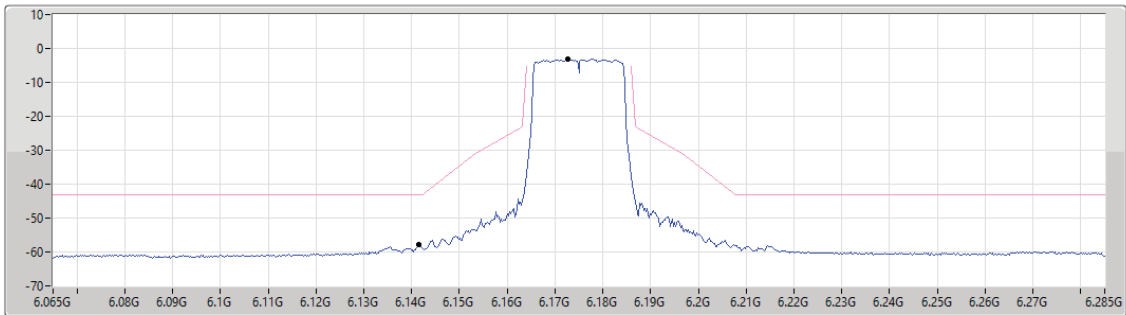
5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

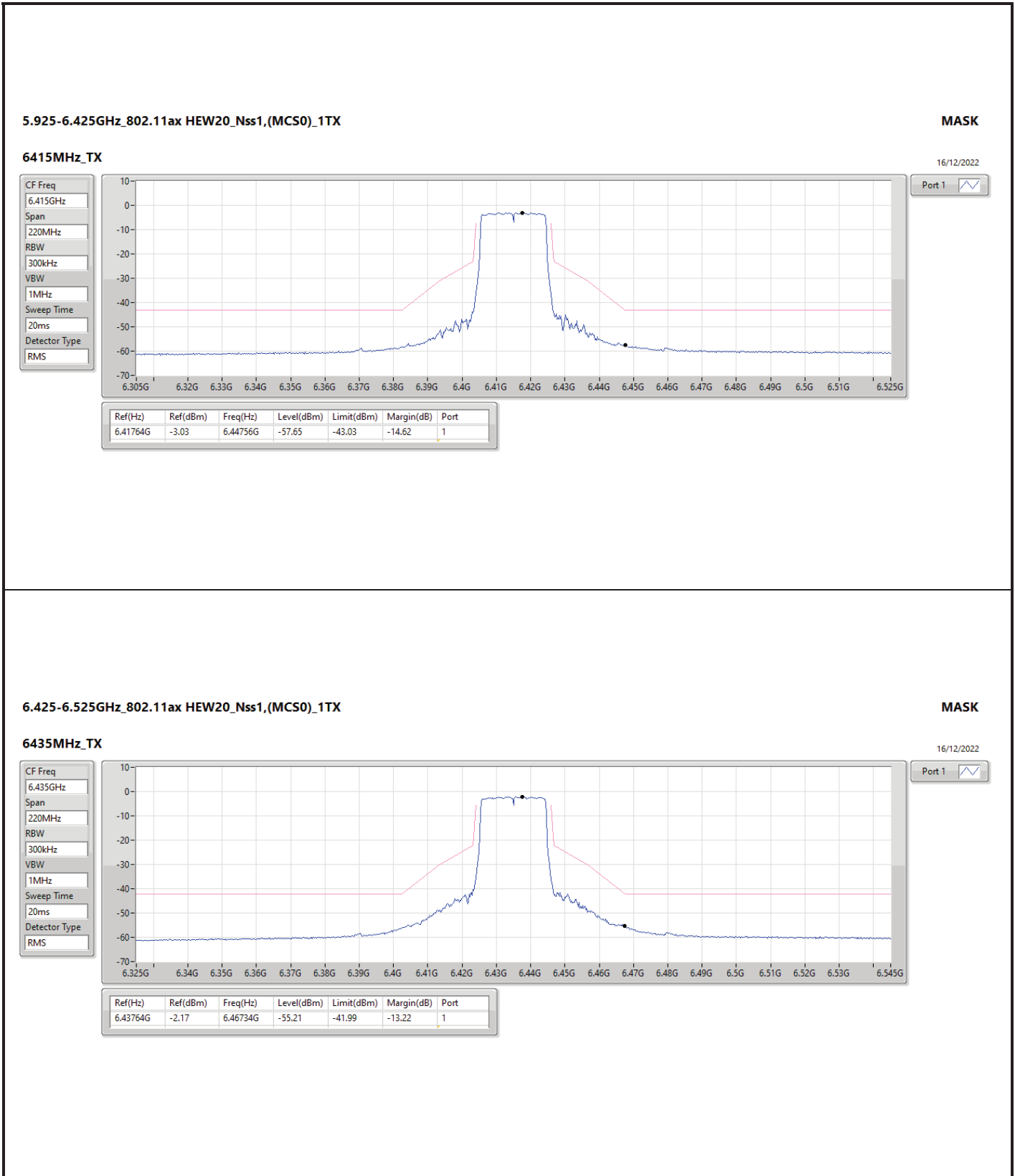
6175MHz_TX

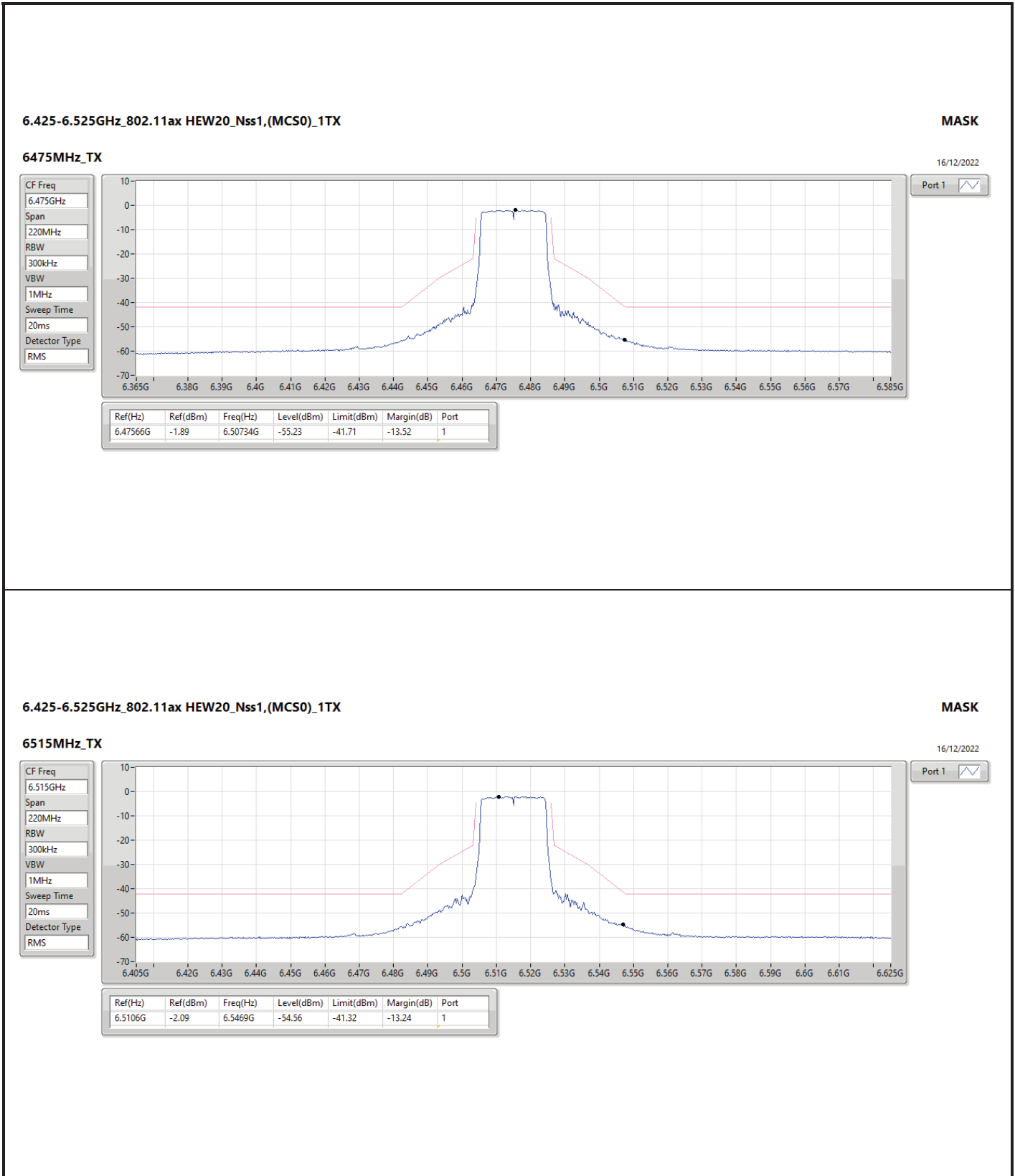
16/12/2022

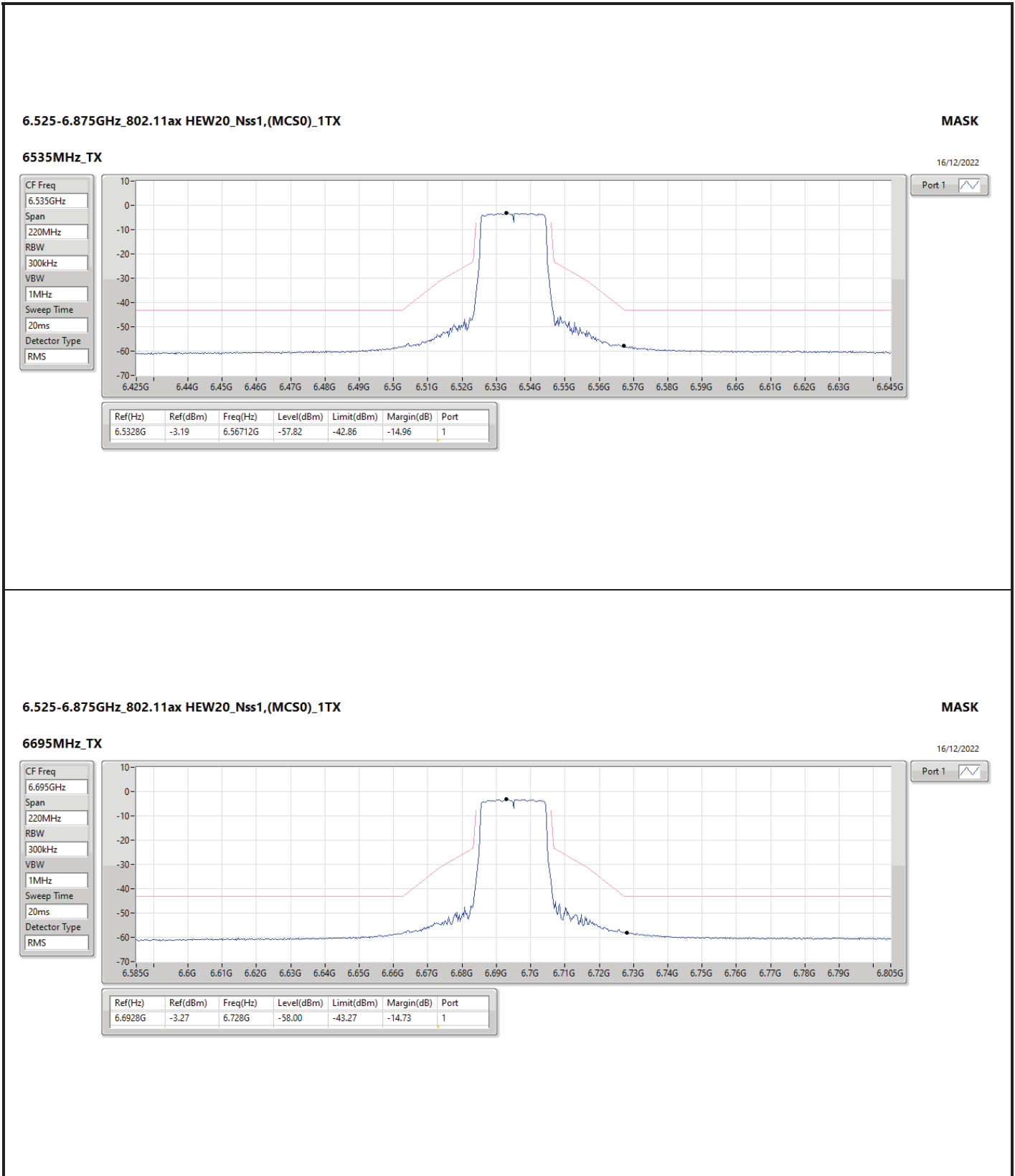
CF Freq
6.175GHz
Span
220MHz
RBW
300kHz
VBW
1MHz
Sweep Time
20ms
Detector Type
RMS

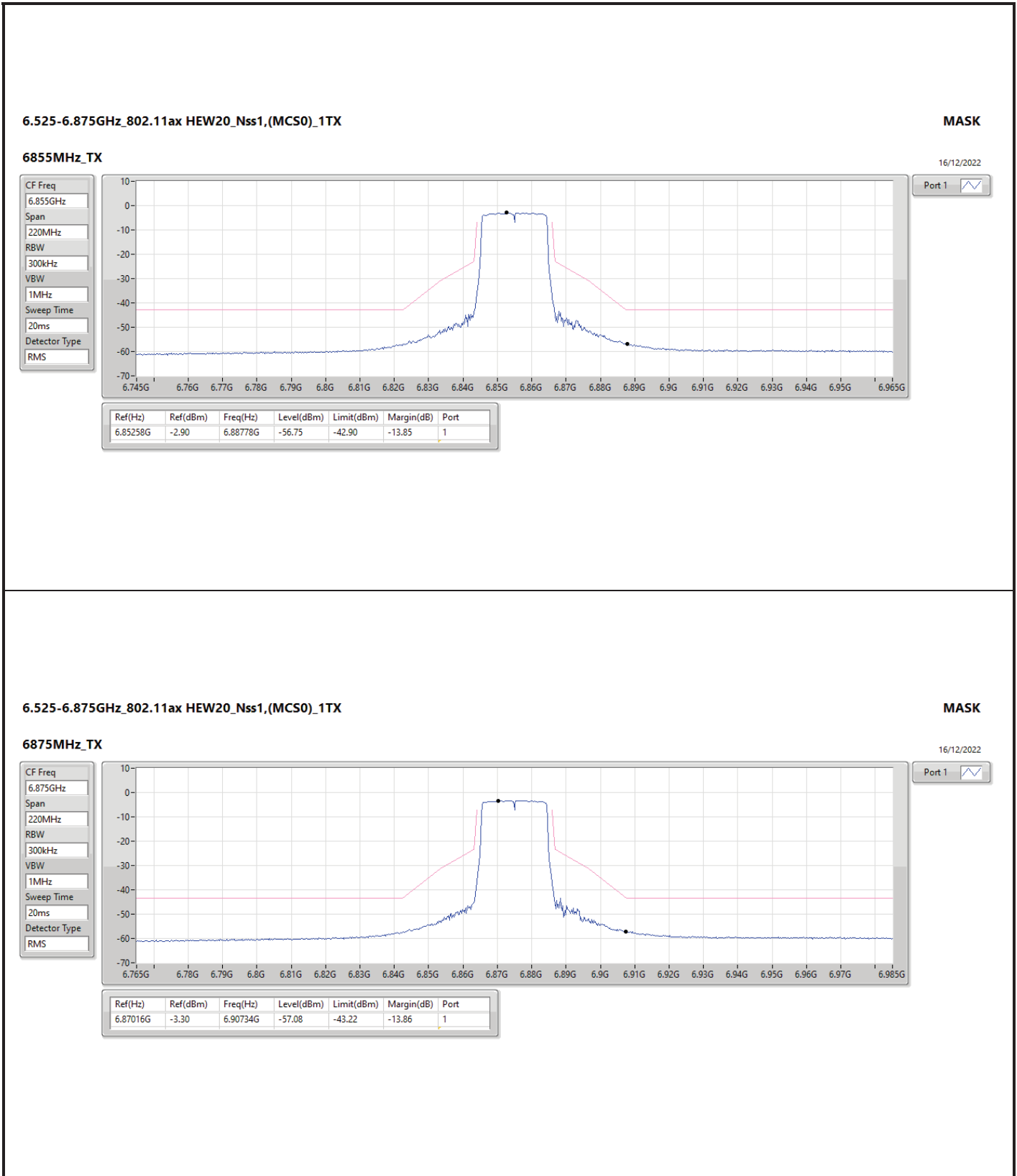


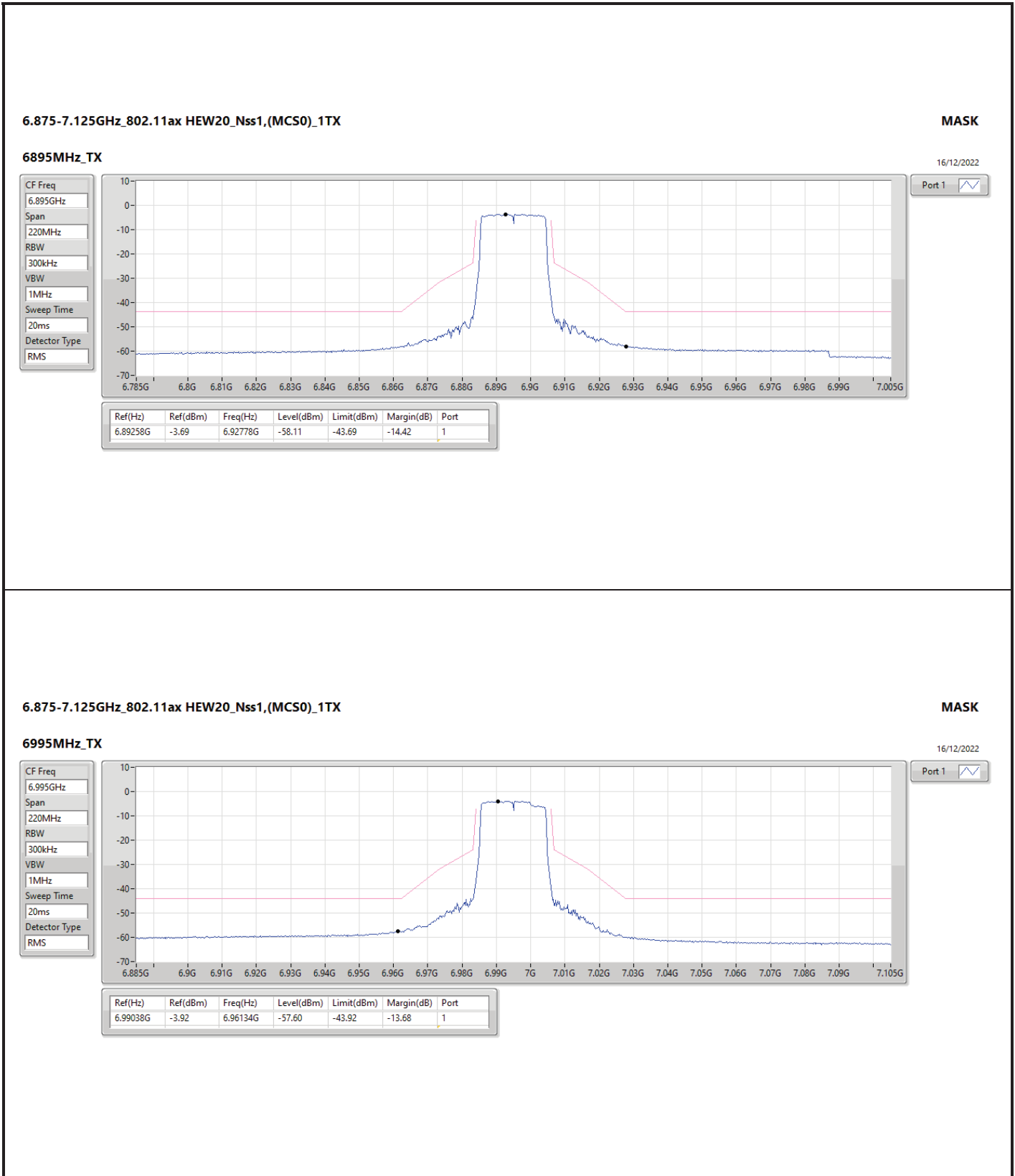
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.17258G	-3.10	6.14156G	-57.96	-43.10	-14.86	1

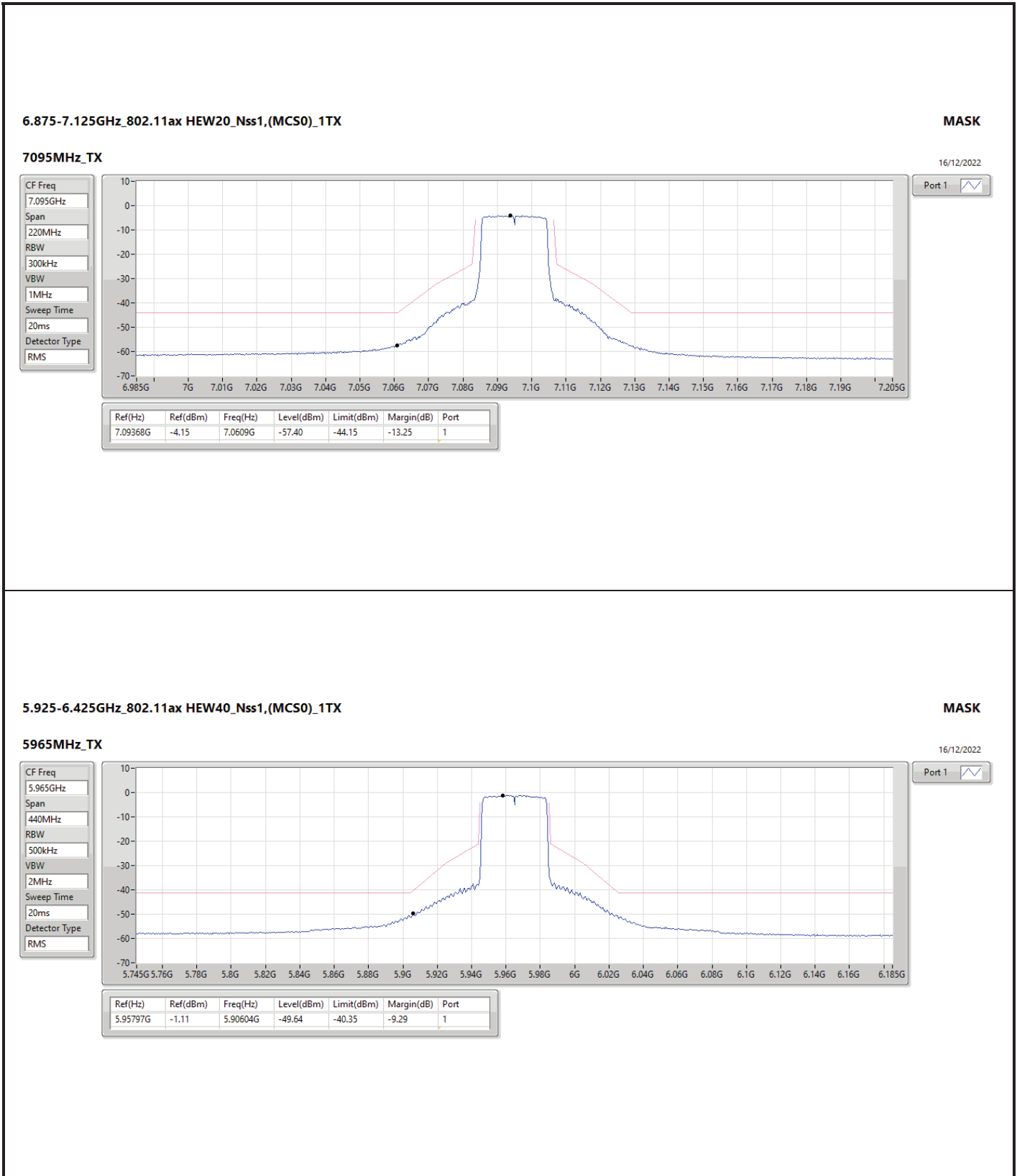


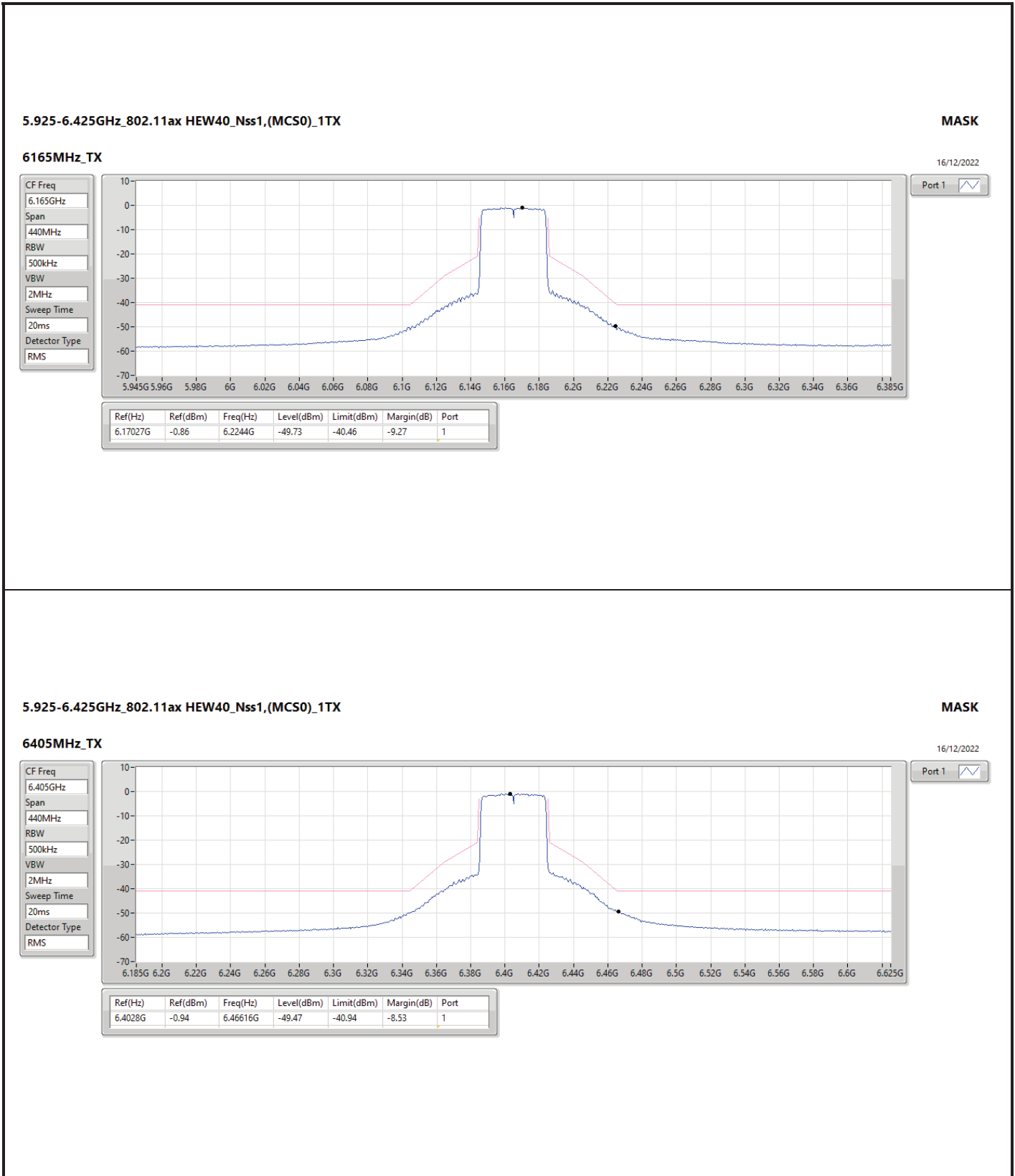


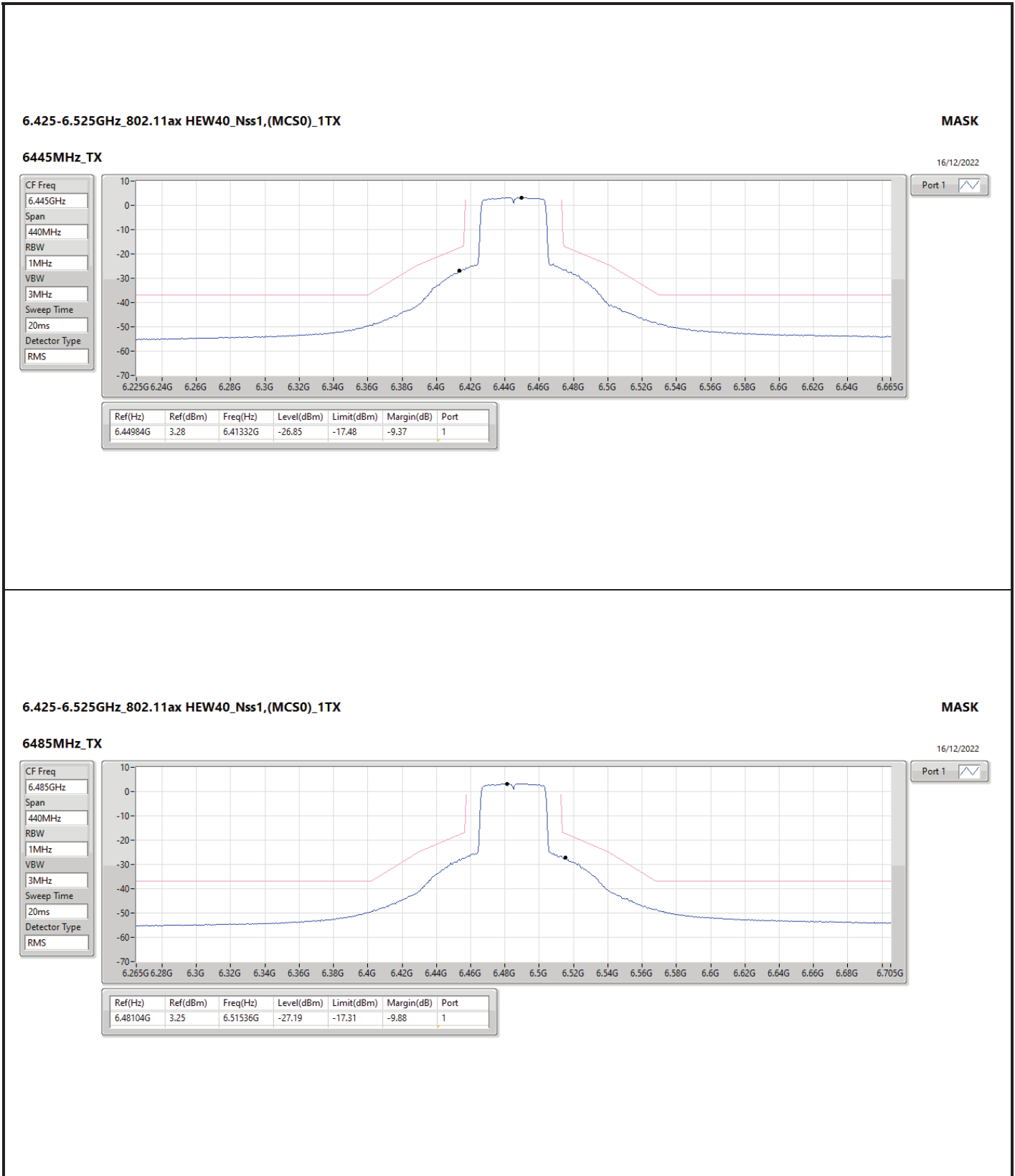


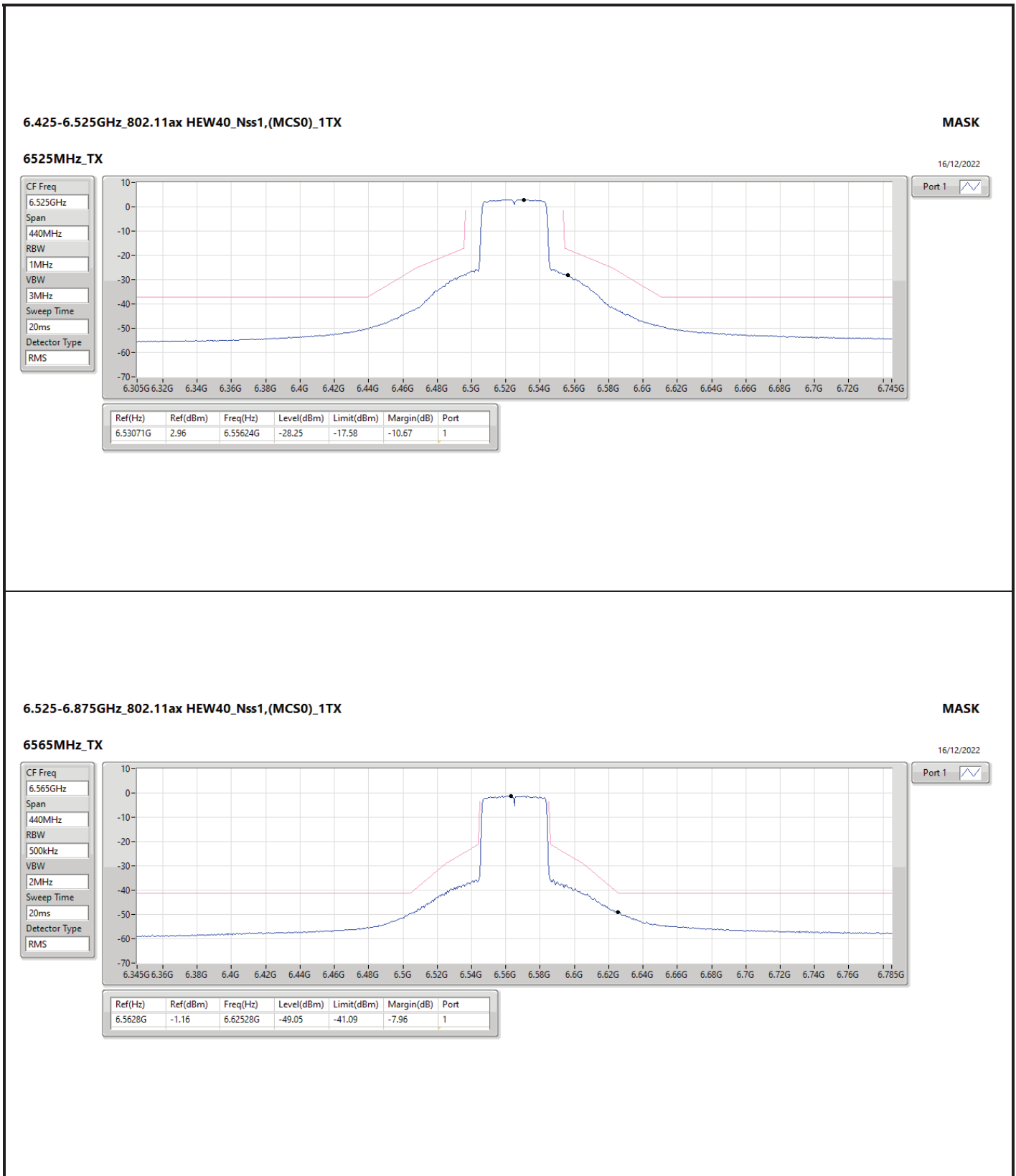


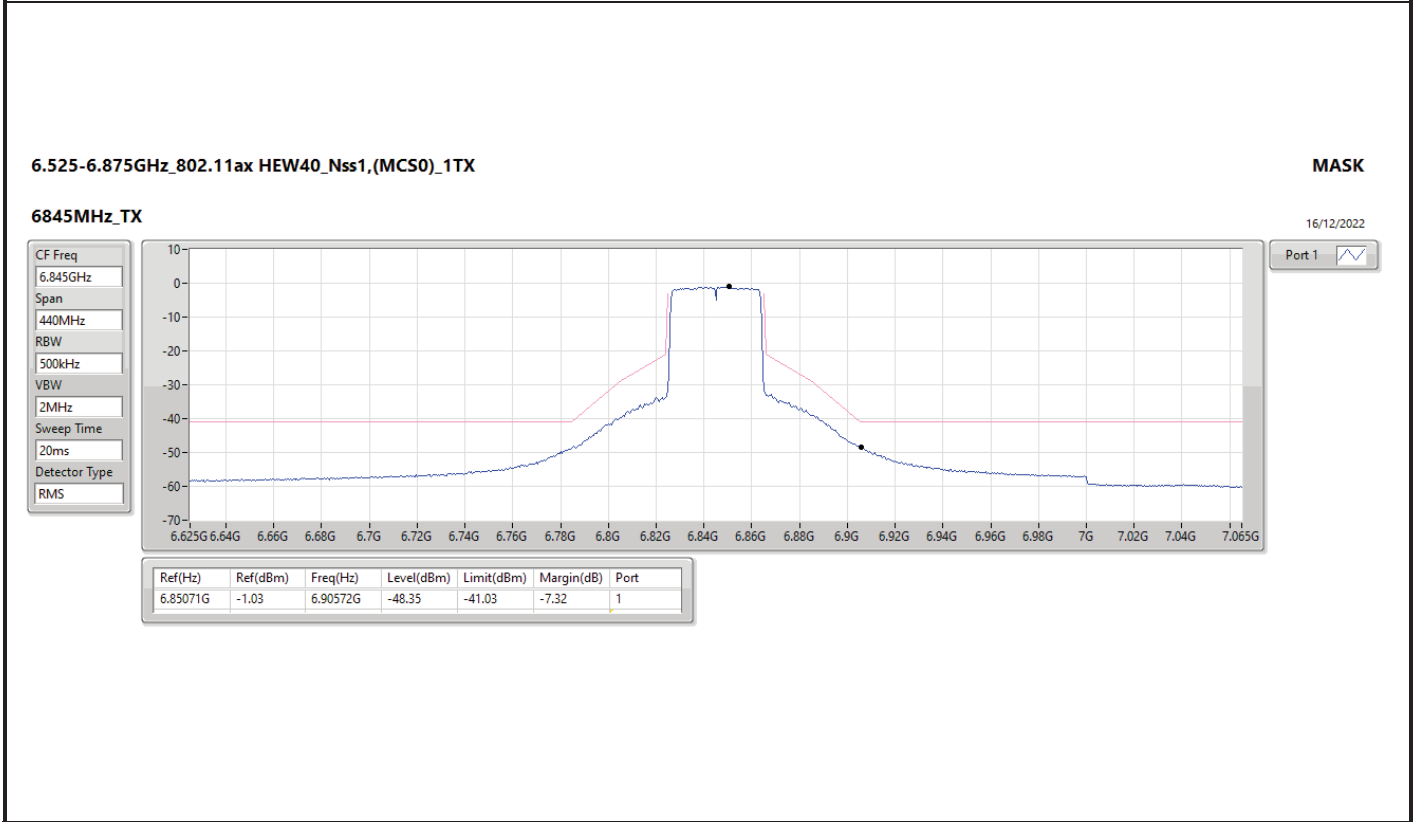
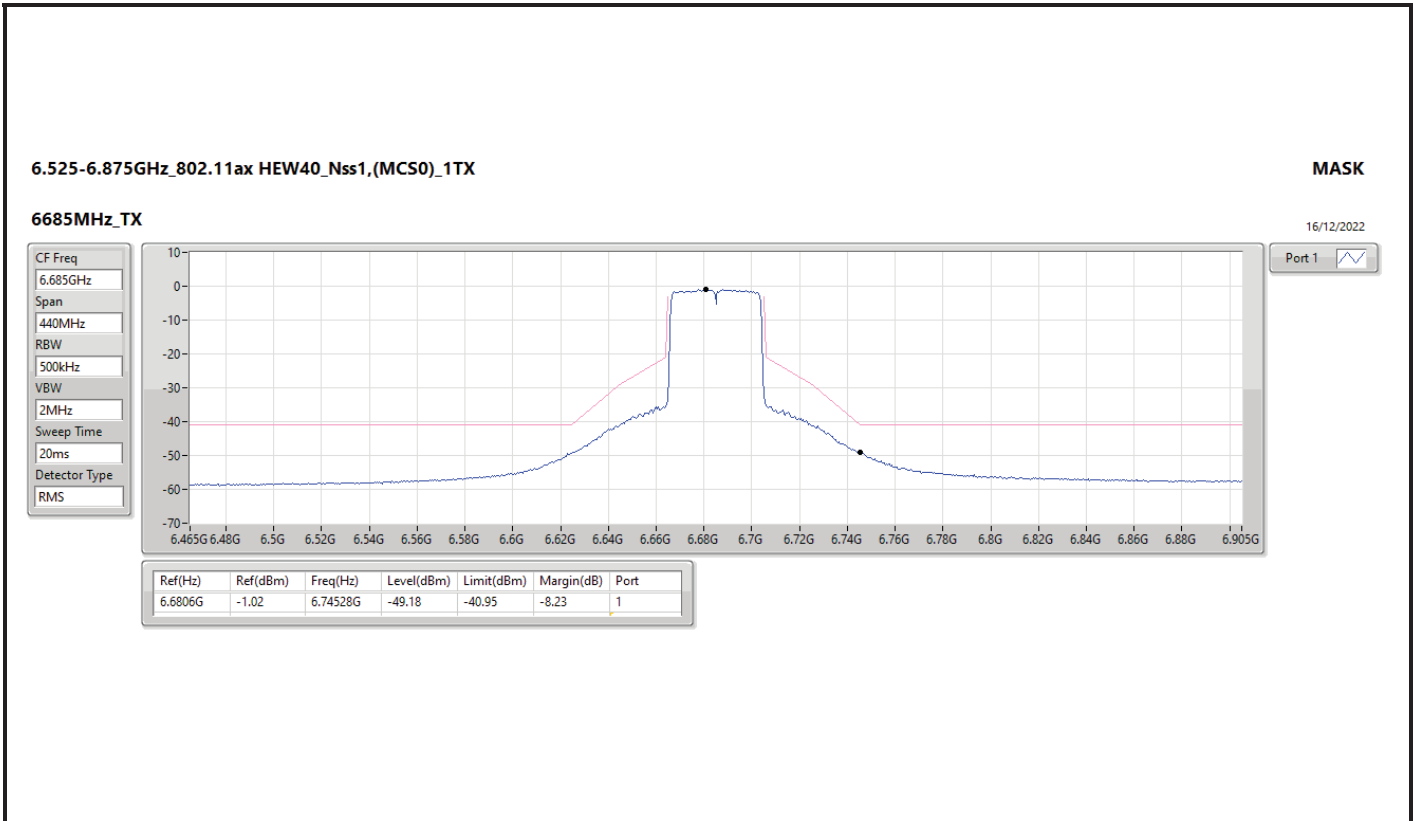


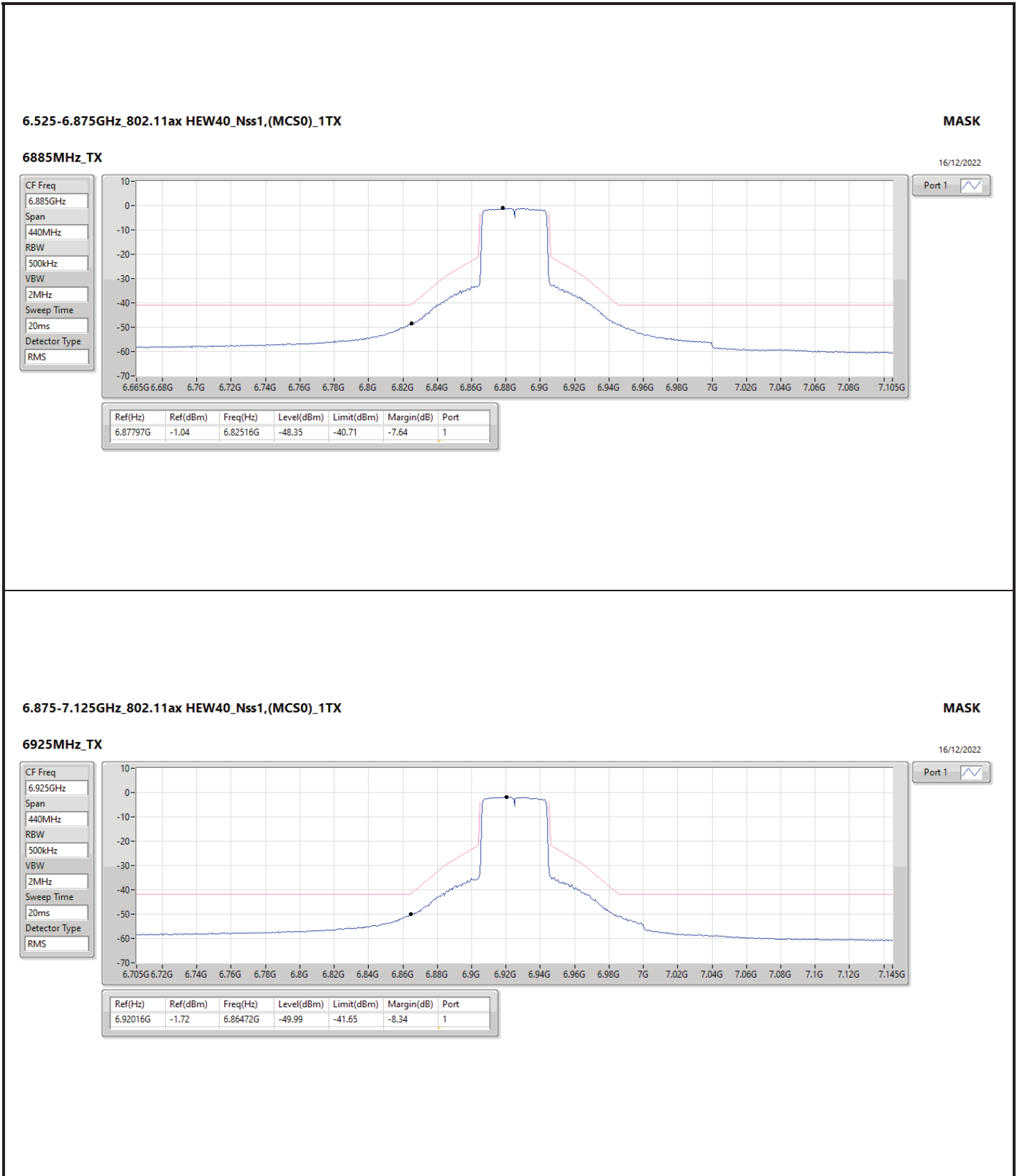














6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

MASK

7005MHz_TX

16/12/2022

CF Freq
7.005GHz

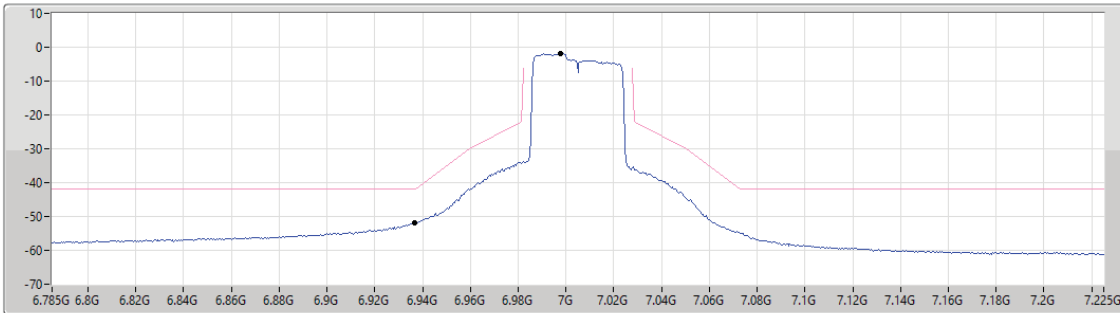
Span
440MHz

RBW
500kHz

VBW
2MHz

Sweep Time
20ms

Detector Type
RMS



Port 1

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.99753G	-1.99	6.9368G	-51.92	-41.99	-9.93	1

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

MASK

7085MHz_TX

27/12/2022

CF Freq
7.085GHz

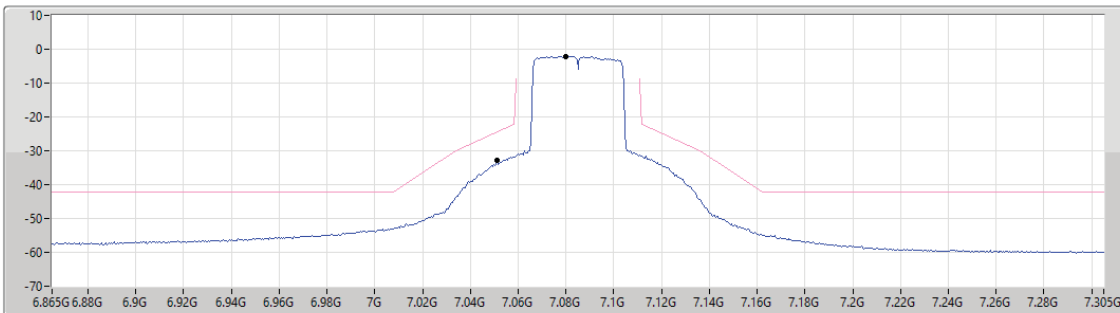
Span
440MHz

RBW
500kHz

VBW
2MHz

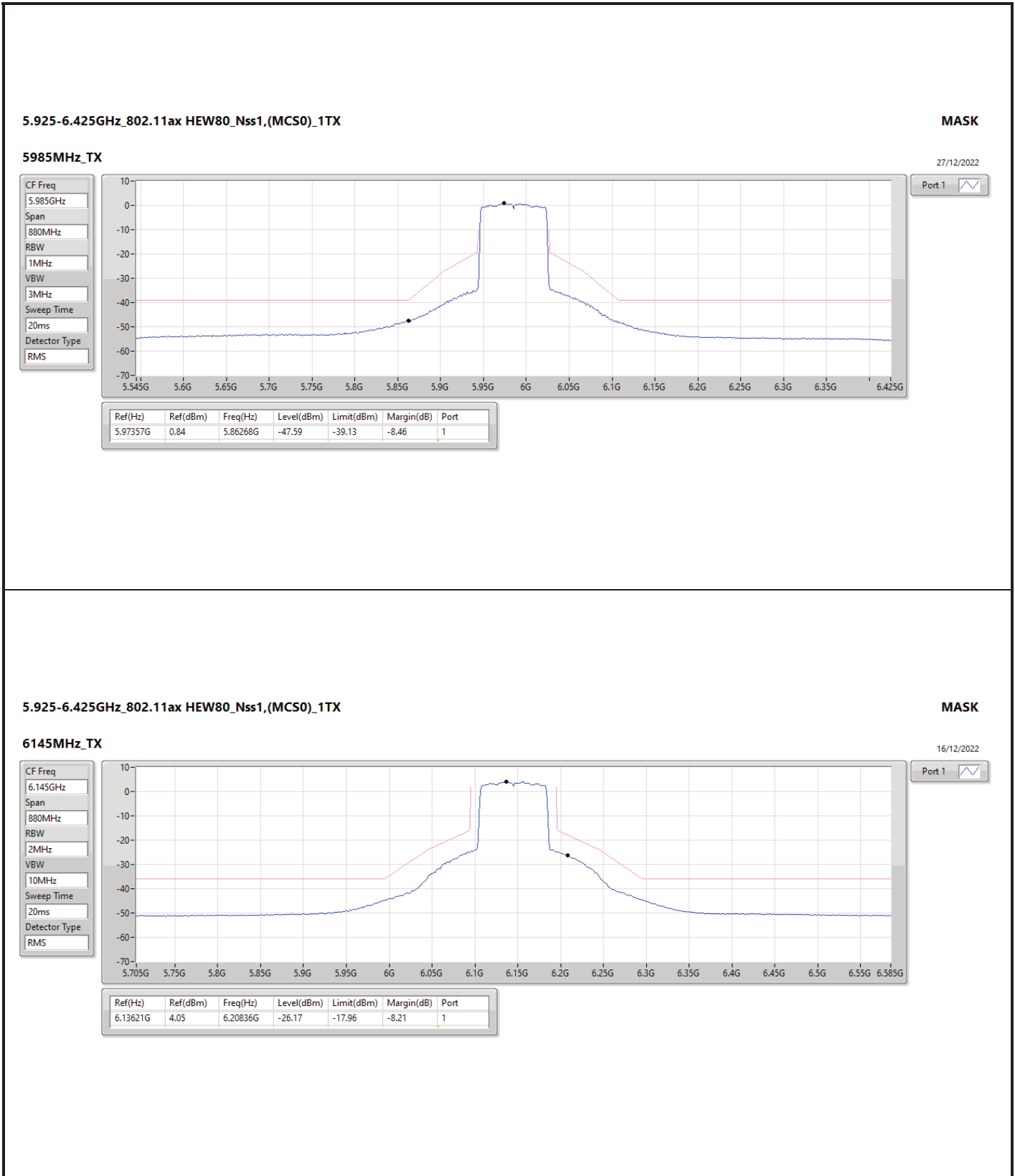
Sweep Time
20ms

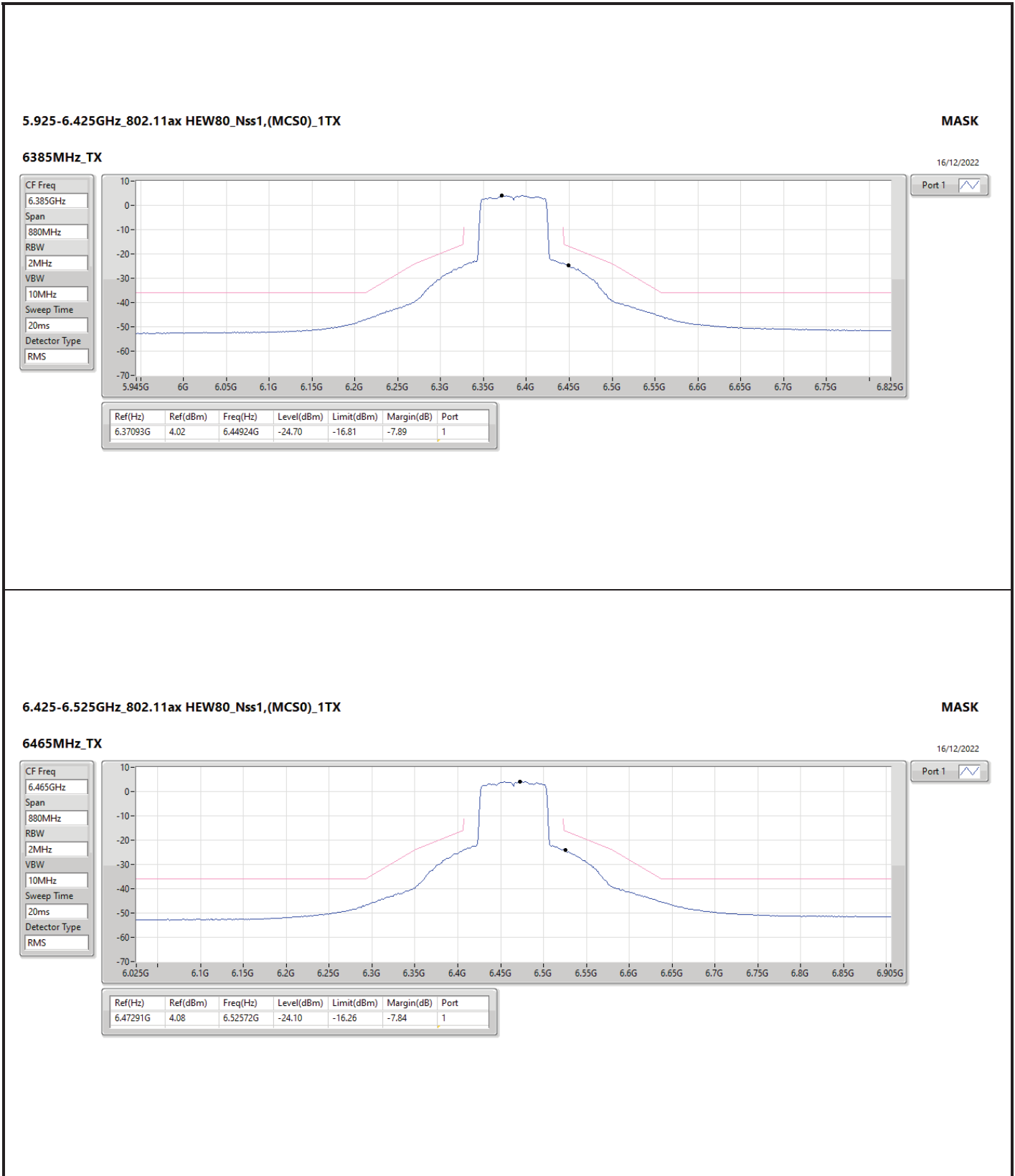
Detector Type
RMS

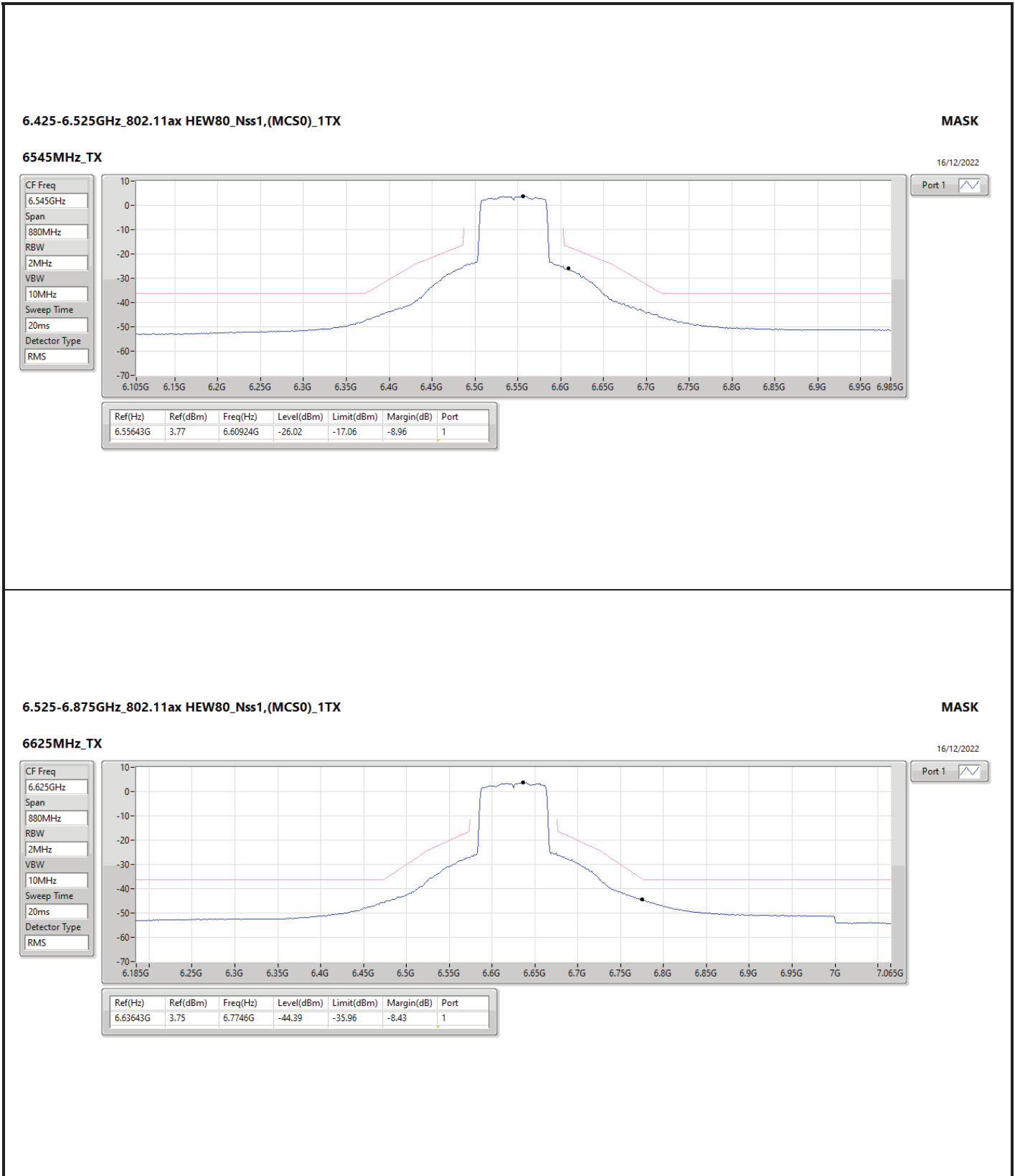


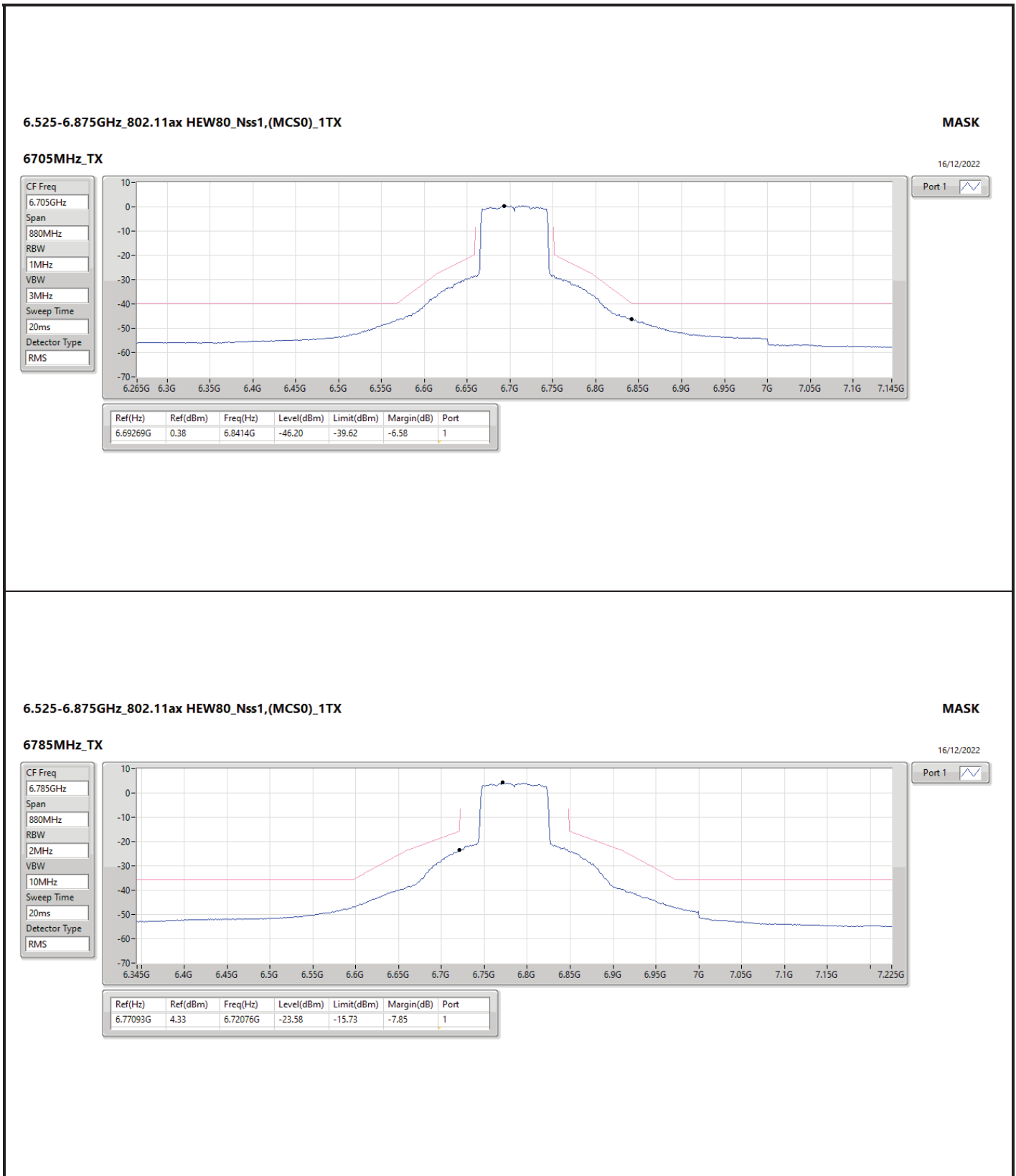
Port 1

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
7.07973G	-2.08	7.05112G	-32.85	-24.43	-8.42	1











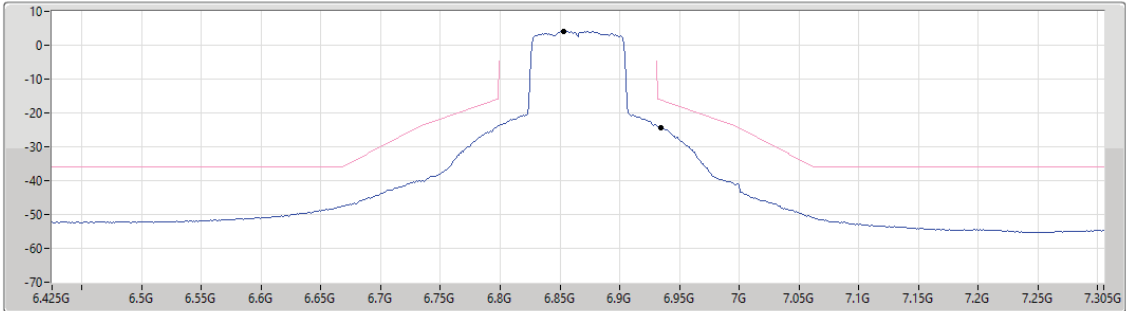
6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

MASK

6865MHz_TX

16/12/2022

- CF Freq: 6.865GHz
- Span: 880MHz
- RBW: 2MHz
- VBW: 10MHz
- Sweep Time: 20ms
- Detector Type: RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.85269G	4.19	6.93452G	-24.22	-16.18	-8.04	1

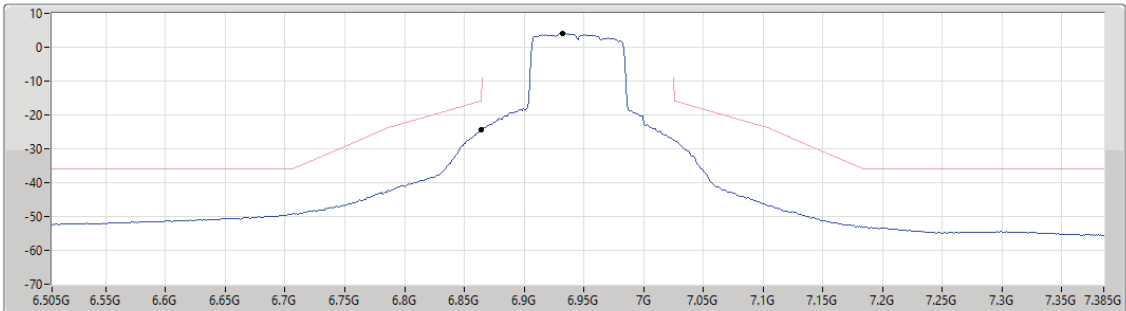
6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

MASK

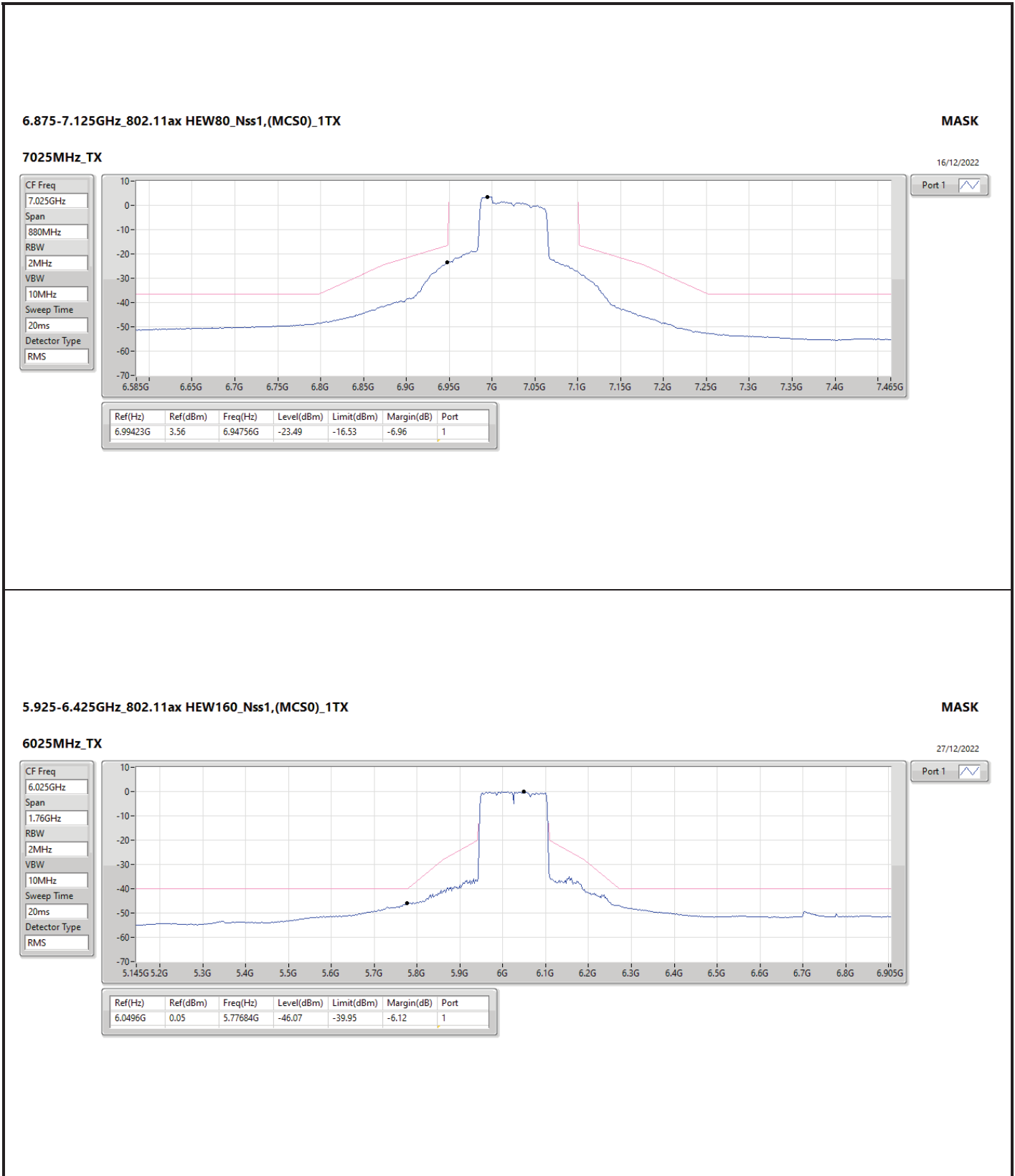
6945MHz_TX

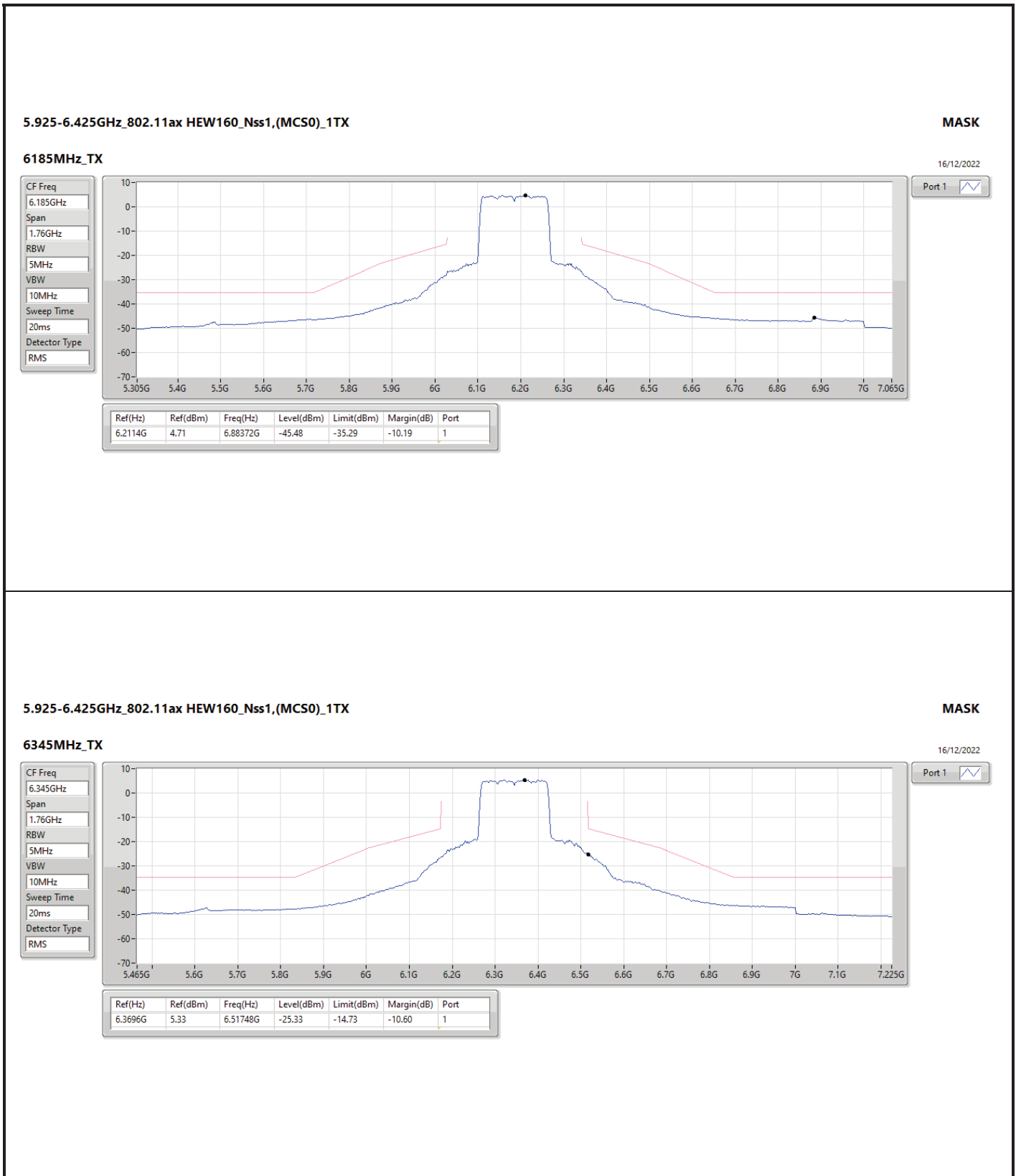
16/12/2022

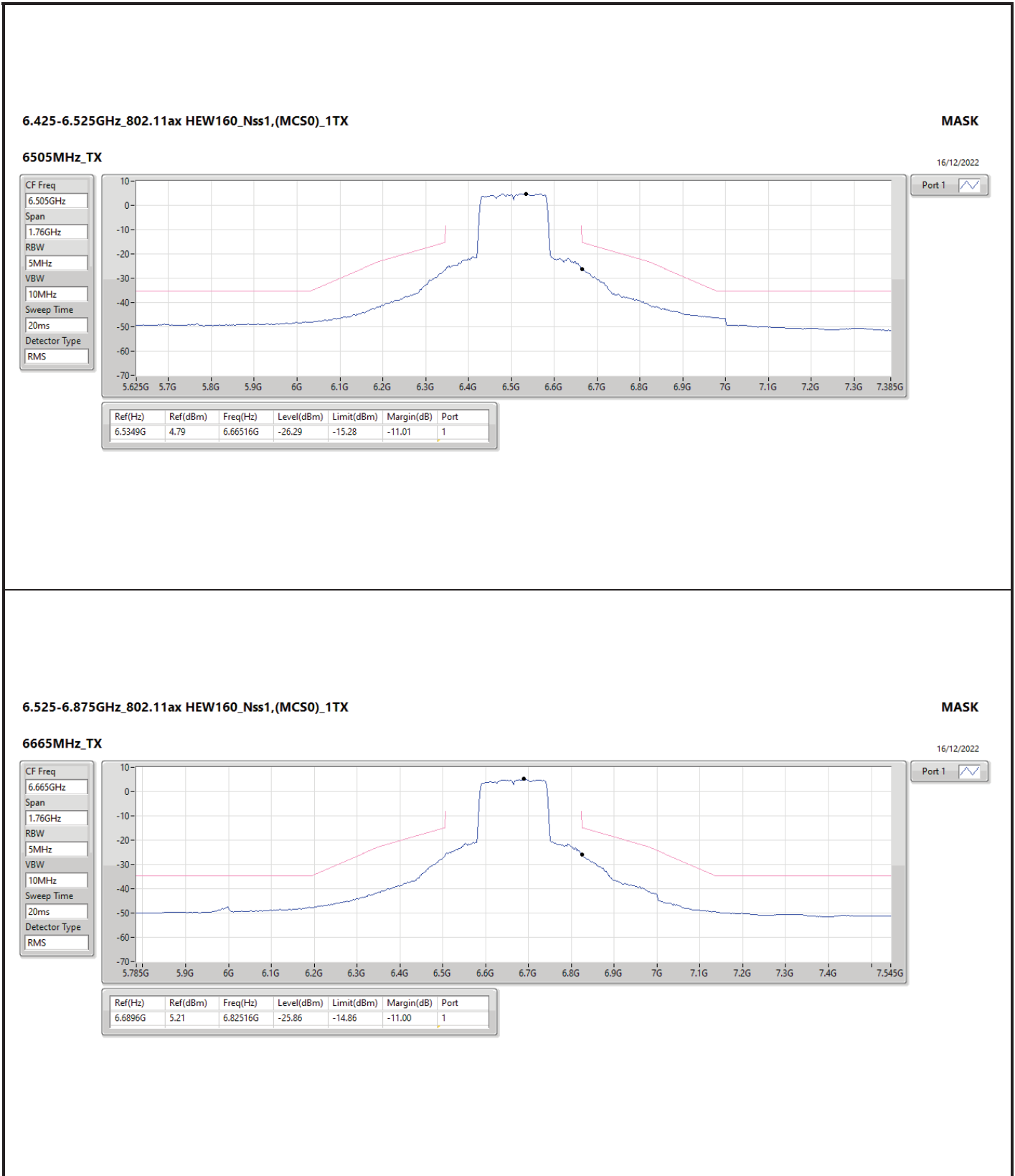
- CF Freq: 6.945GHz
- Span: 880MHz
- RBW: 2MHz
- VBW: 10MHz
- Sweep Time: 20ms
- Detector Type: RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.93181G	4.19	6.86404G	-24.32	-15.87	-8.45	1









6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

MASK

6825MHz_TX

16/12/2022

CF Freq
6.825GHz

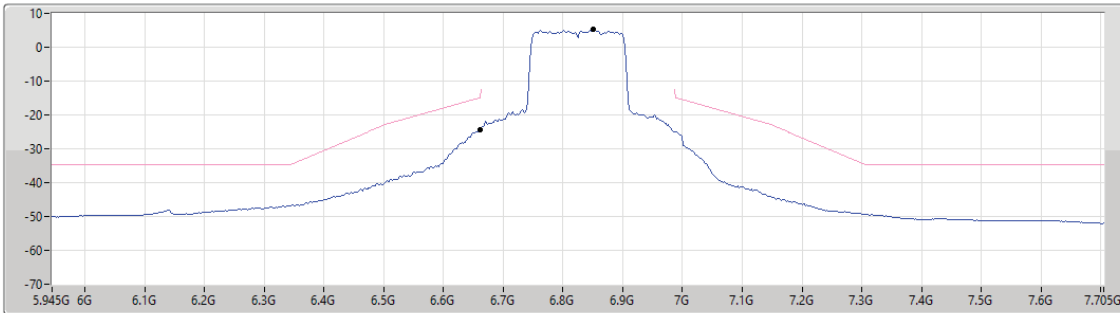
Span
1.76GHz

RBW
5MHz

VBW
10MHz

Sweep Time
20ms

Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.8514G	5.18	6.66132G	-24.47	-14.90	-9.57	1

6.875-7.125GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

MASK

6985MHz_TX

16/12/2022

CF Freq
6.985GHz

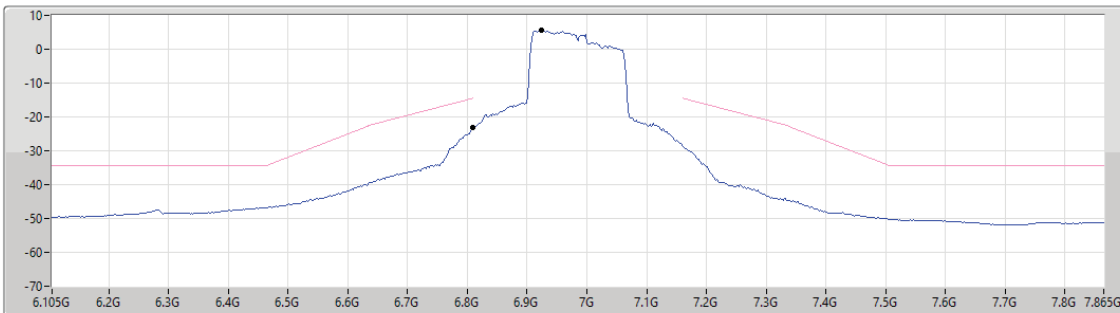
Span
1.76GHz

RBW
5MHz

VBW
10MHz

Sweep Time
20ms

Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.9235G	5.53	6.809G	-23.22	-14.51	-8.71	1



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6.525-6.875GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	Pass	PK	47.46M	36.31	40.00	-3.69	3	Vertical	0	1.00



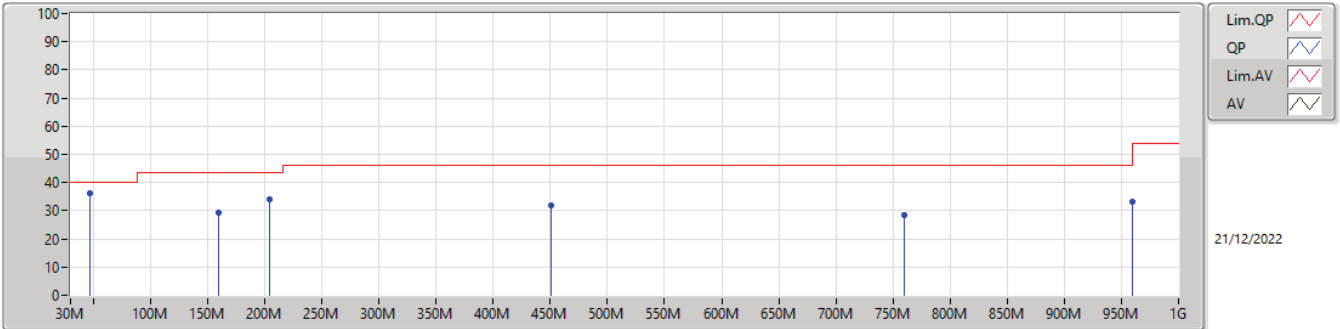
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	PK	47.46M	36.31	40.00	-3.69	3	Vertical	0	1.00
6665MHz	Pass	PK	159.98M	29.38	43.50	-14.12	3	Vertical	0	1.00
6665MHz	Pass	PK	204.6M	33.86	43.50	-9.64	3	Vertical	0	1.00
6665MHz	Pass	PK	450.98M	32.05	46.00	-13.95	3	Vertical	0	1.00
6665MHz	Pass	PK	759.44M	28.58	46.00	-17.42	3	Vertical	0	1.00
6665MHz	Pass	PK	959.26M	33.37	46.00	-12.63	3	Vertical	0	1.00
6665MHz	Pass	PK	105.66M	31.46	43.50	-12.04	3	Horizontal	360	1.00
6665MHz	Pass	PK	227.88M	34.07	46.00	-11.93	3	Horizontal	360	1.00
6665MHz	Pass	PK	307.42M	26.33	46.00	-19.67	3	Horizontal	360	1.00
6665MHz	Pass	PK	449.04M	32.65	46.00	-13.35	3	Horizontal	360	1.00
6665MHz	Pass	PK	594.54M	27.85	46.00	-18.15	3	Horizontal	360	1.00
6665MHz	Pass	PK	955.38M	32.67	46.00	-13.33	3	Horizontal	360	1.00



6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

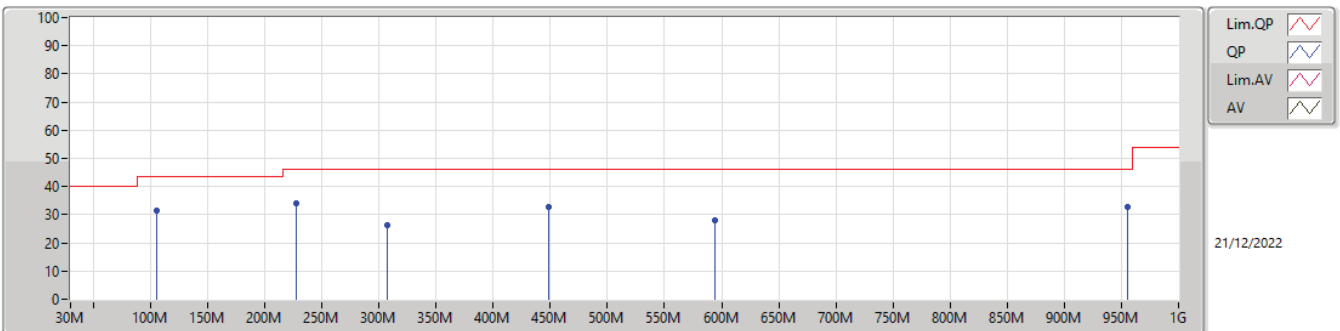
6665MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	47.46M	36.31	40.00	-3.69	-21.52	3	Vertical	0	1.00	57.83	14.76	0.82	37.10
PK	159.98M	29.38	43.50	-14.12	-19.31	3	Vertical	0	1.00	48.69	15.68	1.42	36.41
PK	204.6M	33.86	43.50	-9.64	-20.31	3	Vertical	0	1.00	54.17	14.32	1.66	36.29
PK	450.98M	32.05	46.00	-13.95	-12.08	3	Vertical	0	1.00	44.13	22.23	2.35	36.66
PK	759.44M	28.58	46.00	-17.42	-6.77	3	Vertical	0	1.00	35.35	27.36	3.31	37.44
PK	959.26M	33.37	46.00	-12.63	-3.47	3	Vertical	0	1.00	36.84	30.07	3.77	37.31

6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6665MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	105.66M	31.46	43.50	-12.04	-19.69	3	Horizontal	360	1.00	51.15	15.82	1.12	36.63
PK	227.88M	34.07	46.00	-11.93	-19.57	3	Horizontal	360	1.00	53.64	15.04	1.78	36.39
PK	307.42M	26.33	46.00	-19.67	-15.92	3	Horizontal	360	1.00	42.25	18.41	2.10	36.43
PK	449.04M	32.65	46.00	-13.35	-12.12	3	Horizontal	360	1.00	44.77	22.18	2.35	36.65
PK	594.54M	27.85	46.00	-18.15	-9.50	3	Horizontal	360	1.00	37.35	24.74	2.85	37.09
PK	955.38M	32.67	46.00	-13.33	-3.48	3	Horizontal	360	1.00	36.15	30.09	3.76	37.33



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.925-6.425GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	12.34186G	42.37	54.00	-11.63	3	Vertical	156	1.74
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	12.32907G	44.37	54.00	-9.63	3	Horizontal	191	2.24
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	12.29252G	44.13	54.00	-9.87	3	Horizontal	40	1.81
802.11ax HEW160_Nss1,(MCS0)_2TX	Pass	AV	5.919G	67.02	68.20	-1.18	3	Horizontal	35	2.06
6.425-6.525GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	7.1926G	49.69	68.20	-18.51	3	Horizontal	50	1.71
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	7.1942G	51.17	68.20	-17.03	3	Vertical	310	2.24
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	7.2366G	51.33	68.20	-16.87	3	Vertical	350	1.07
802.11ax HEW160_Nss1,(MCS0)_2TX	Pass	AV	7.1826G	52.27	68.20	-15.93	3	Horizontal	48	1.82
6.525-6.875GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	13.39494G	43.79	54.00	-10.21	3	Horizontal	145	1.10
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	13.37332G	45.76	54.00	-8.24	3	Horizontal	94	1.22
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	13.25248G	45.46	54.00	-8.54	3	Vertical	331	2.56
802.11ax HEW160_Nss1,(MCS0)_2TX	Pass	AV	13.33039G	46.89	54.00	-7.11	3	Horizontal	173	1.23
6.875-7.125GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	7.1994G	49.89	68.20	-18.31	3	Horizontal	68	2.47
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	7.1264G	53.02	68.20	-15.18	3	Horizontal	76	2.52
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	7.1258G	53.87	68.20	-14.33	3	Horizontal	55	2.07
802.11ax HEW160_Nss1,(MCS0)_2TX	Pass	AV	7.139G	67.98	68.20	-0.22	3	Vertical	313	2.19



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	AV	5.9202G	47.32	68.20	-20.88	3	Vertical	341	2.97
5955MHz	Pass	AV	5.9562G	95.28	Inf	-Inf	3	Vertical	341	2.97
5955MHz	Pass	PK	5.8212G	58.59	88.20	-29.61	3	Vertical	341	2.97
5955MHz	Pass	PK	5.9562G	106.24	Inf	-Inf	3	Vertical	341	2.97
5955MHz	Pass	AV	5.925G	47.37	68.20	-20.83	3	Horizontal	60	1.94
5955MHz	Pass	AV	5.9574G	99.87	Inf	-Inf	3	Horizontal	60	1.94
5955MHz	Pass	PK	5.8872G	58.64	88.20	-29.56	3	Horizontal	60	1.94
5955MHz	Pass	PK	5.9598G	109.36	Inf	-Inf	3	Horizontal	60	1.94
5955MHz	Pass	AV	11.9002G	41.53	54.00	-12.47	3	Vertical	314	1.31
5955MHz	Pass	PK	11.91394G	51.30	74.00	-22.70	3	Vertical	314	1.31
5955MHz	Pass	AV	11.90106G	41.51	54.00	-12.49	3	Horizontal	196	2.21
5955MHz	Pass	PK	11.91838G	51.57	74.00	-22.43	3	Horizontal	196	2.21
6175MHz	Pass	AV	5.9038G	47.04	68.20	-21.16	3	Vertical	307	2.00
6175MHz	Pass	AV	6.1798G	96.08	Inf	-Inf	3	Vertical	307	2.00
6175MHz	Pass	PK	5.893G	58.78	88.20	-29.42	3	Vertical	307	2.00
6175MHz	Pass	PK	6.1774G	105.92	Inf	-Inf	3	Vertical	307	2.00
6175MHz	Pass	AV	5.911G	47.06	68.20	-21.14	3	Horizontal	35	2.13
6175MHz	Pass	AV	6.1774G	99.46	Inf	-Inf	3	Horizontal	35	2.13
6175MHz	Pass	PK	5.9242G	58.37	88.20	-29.83	3	Horizontal	35	2.13
6175MHz	Pass	PK	6.1798G	110.43	Inf	-Inf	3	Horizontal	35	2.13
6175MHz	Pass	AV	12.34186G	42.37	54.00	-11.63	3	Vertical	156	1.74
6175MHz	Pass	PK	12.34206G	54.72	74.00	-19.28	3	Vertical	156	1.74
6175MHz	Pass	AV	12.34244G	42.37	54.00	-11.63	3	Horizontal	272	1.86
6175MHz	Pass	PK	12.34012G	52.71	74.00	-21.29	3	Horizontal	272	1.86
6415MHz	Pass	AV	5.911G	46.96	68.20	-21.24	3	Vertical	300	1.52
6415MHz	Pass	AV	6.4126G	96.62	Inf	-Inf	3	Vertical	300	1.52
6415MHz	Pass	PK	5.8294G	57.74	88.20	-30.46	3	Vertical	300	1.52
6415MHz	Pass	PK	6.4126G	105.82	Inf	-Inf	3	Vertical	300	1.52
6415MHz	Pass	AV	5.911G	47.00	68.20	-21.20	3	Horizontal	35	2.31
6415MHz	Pass	AV	6.4222G	99.99	Inf	-Inf	3	Horizontal	35	2.31
6415MHz	Pass	PK	5.839G	58.19	88.20	-30.01	3	Horizontal	35	2.31
6415MHz	Pass	PK	6.4198G	108.86	Inf	-Inf	3	Horizontal	35	2.31
6415MHz	Pass	AV	12.83764G	43.12	68.20	-25.08	3	Vertical	152	3.00
6415MHz	Pass	PK	12.82884G	52.36	88.20	-35.84	3	Vertical	152	3.00
6415MHz	Pass	AV	12.83716G	43.11	68.20	-25.09	3	Horizontal	61	2.85
6415MHz	Pass	PK	12.82324G	53.47	88.20	-34.73	3	Horizontal	61	2.85
6435MHz	Pass	AV	5.9118G	47.02	68.20	-21.18	3	Vertical	302	1.63
6435MHz	Pass	AV	6.4398G	97.13	Inf	-Inf	3	Vertical	302	1.63
6435MHz	Pass	PK	5.9022G	57.73	88.20	-30.47	3	Vertical	302	1.63
6435MHz	Pass	PK	6.4398G	106.08	Inf	-Inf	3	Vertical	302	1.63
6435MHz	Pass	AV	5.9094G	46.99	68.20	-21.21	3	Horizontal	57	2.20
6435MHz	Pass	AV	6.4302G	101.30	Inf	-Inf	3	Horizontal	57	2.20
6435MHz	Pass	PK	5.9118G	58.01	88.20	-30.19	3	Horizontal	57	2.20
6435MHz	Pass	PK	6.4278G	109.69	Inf	-Inf	3	Horizontal	57	2.20
6435MHz	Pass	AV	12.87864G	43.39	68.20	-24.81	3	Vertical	73	2.99
6435MHz	Pass	PK	12.86958G	52.38	88.20	-35.82	3	Vertical	73	2.99
6435MHz	Pass	AV	12.87038G	43.40	68.20	-24.80	3	Horizontal	72	2.89
6435MHz	Pass	PK	12.8758G	53.33	88.20	-34.87	3	Horizontal	72	2.89
6475MHz	Pass	AV	5.9122G	46.92	68.20	-21.28	3	Vertical	302	1.54
6475MHz	Pass	AV	6.4722G	97.12	Inf	-Inf	3	Vertical	302	1.54
6475MHz	Pass	AV	7.175G	49.50	68.20	-18.70	3	Vertical	302	1.54
6475MHz	Pass	PK	5.901G	57.49	88.20	-30.71	3	Vertical	302	1.54
6475MHz	Pass	PK	6.4694G	107.96	Inf	-Inf	3	Vertical	302	1.54
6475MHz	Pass	PK	7.1358G	60.40	88.20	-27.80	3	Vertical	302	1.54
6475MHz	Pass	AV	5.9066G	47.00	68.20	-21.20	3	Horizontal	47	1.81
6475MHz	Pass	AV	6.4722G	101.07	Inf	-Inf	3	Horizontal	47	1.81
6475MHz	Pass	AV	7.1666G	49.51	68.20	-18.69	3	Horizontal	47	1.81
6475MHz	Pass	PK	5.8478G	57.78	88.20	-30.42	3	Horizontal	47	1.81
6475MHz	Pass	PK	6.4806G	111.18	Inf	-Inf	3	Horizontal	47	1.81
6475MHz	Pass	PK	7.1414G	60.88	88.20	-27.32	3	Horizontal	47	1.81



RSE TX above 1GHz_Radio 1

Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6475MHz	Pass	AV	12.957G	43.28	68.20	-24.92	3	Vertical	88	2.23
6475MHz	Pass	PK	12.95542G	53.40	88.20	-34.80	3	Vertical	88	2.23
6475MHz	Pass	AV	12.9581G	43.31	68.20	-24.89	3	Horizontal	310	1.81
6475MHz	Pass	PK	12.94816G	53.20	88.20	-35.00	3	Horizontal	310	1.81
6515MHz	Pass	AV	5.9046G	46.99	68.20	-21.21	3	Vertical	304	2.23
6515MHz	Pass	AV	6.5206G	97.99	Inf	-Inf	3	Vertical	304	2.23
6515MHz	Pass	AV	7.215G	49.64	68.20	-18.56	3	Vertical	304	2.23
6515MHz	Pass	PK	5.8654G	57.88	88.20	-30.32	3	Vertical	304	2.23
6515MHz	Pass	PK	6.5234G	107.79	Inf	-Inf	3	Vertical	304	2.23
6515MHz	Pass	PK	7.201G	61.12	88.20	-27.08	3	Vertical	304	2.23
6515MHz	Pass	AV	5.9102G	46.98	68.20	-21.22	3	Horizontal	50	1.71
6515MHz	Pass	AV	6.5178G	101.09	Inf	-Inf	3	Horizontal	50	1.71
6515MHz	Pass	AV	7.1926G	49.69	68.20	-18.51	3	Horizontal	50	1.71
6515MHz	Pass	PK	5.8766G	58.01	88.20	-30.19	3	Horizontal	50	1.71
6515MHz	Pass	PK	6.5206G	110.90	Inf	-Inf	3	Horizontal	50	1.71
6515MHz	Pass	PK	7.1702G	60.87	88.20	-27.33	3	Horizontal	50	1.71
6515MHz	Pass	AV	13.0225G	43.28	68.20	-24.92	3	Vertical	127	1.14
6515MHz	Pass	PK	13.02364G	53.07	88.20	-35.13	3	Vertical	127	1.14
6515MHz	Pass	AV	13.02204G	43.34	68.20	-24.86	3	Horizontal	217	2.62
6515MHz	Pass	PK	13.0234G	53.46	88.20	-34.74	3	Horizontal	217	2.62
6535MHz	Pass	AV	5.9106G	46.98	68.20	-21.22	3	Vertical	0	3.00
6535MHz	Pass	AV	6.5378G	94.09	Inf	-Inf	3	Vertical	0	3.00
6535MHz	Pass	AV	7.2014G	49.70	68.20	-18.50	3	Vertical	0	3.00
6535MHz	Pass	PK	5.8602G	58.67	88.20	-29.53	3	Vertical	0	3.00
6535MHz	Pass	PK	6.5378G	103.23	Inf	-Inf	3	Vertical	0	3.00
6535MHz	Pass	PK	7.2042G	61.61	88.20	-26.59	3	Vertical	0	3.00
6535MHz	Pass	AV	5.9106G	47.00	68.20	-21.20	3	Horizontal	63	2.25
6535MHz	Pass	AV	6.5378G	101.31	Inf	-Inf	3	Horizontal	63	2.25
6535MHz	Pass	AV	7.221G	49.65	68.20	-18.55	3	Horizontal	63	2.25
6535MHz	Pass	PK	5.891G	58.55	88.20	-29.65	3	Horizontal	63	2.25
6535MHz	Pass	PK	6.5322G	111.92	Inf	-Inf	3	Horizontal	63	2.25
6535MHz	Pass	PK	7.1566G	60.31	88.20	-27.89	3	Horizontal	63	2.25
6535MHz	Pass	AV	13.0773G	43.35	68.20	-24.85	3	Vertical	128	2.26
6535MHz	Pass	PK	13.0653G	52.34	88.20	-35.86	3	Vertical	128	2.26
6535MHz	Pass	AV	13.07414G	43.37	68.20	-24.83	3	Horizontal	135	1.20
6535MHz	Pass	PK	13.07512G	53.54	88.20	-34.66	3	Horizontal	135	1.20
6695MHz	Pass	AV	6.697G	89.56	Inf	-Inf	3	Vertical	43	1.50
6695MHz	Pass	AV	7.175G	49.68	68.20	-18.52	3	Vertical	43	1.50
6695MHz	Pass	PK	6.701G	99.47	Inf	-Inf	3	Vertical	43	1.50
6695MHz	Pass	PK	7.135G	60.39	88.20	-27.81	3	Vertical	43	1.50
6695MHz	Pass	AV	6.689G	100.56	Inf	-Inf	3	Horizontal	63	2.15
6695MHz	Pass	AV	7.193G	49.68	68.20	-18.52	3	Horizontal	63	2.15
6695MHz	Pass	PK	6.697G	108.99	Inf	-Inf	3	Horizontal	63	2.15
6695MHz	Pass	PK	7.179G	60.66	88.20	-27.54	3	Horizontal	63	2.15
6695MHz	Pass	AV	13.39668G	43.70	54.00	-10.30	3	Vertical	267	1.00
6695MHz	Pass	PK	13.38728G	54.41	74.00	-19.59	3	Vertical	267	1.00
6695MHz	Pass	AV	13.39494G	43.79	54.00	-10.21	3	Horizontal	145	1.10
6695MHz	Pass	PK	13.39202G	54.23	74.00	-19.77	3	Horizontal	145	1.10
6855MHz	Pass	AV	6.8578G	96.89	Inf	-Inf	3	Vertical	308	2.10
6855MHz	Pass	AV	7.2008G	49.69	68.20	-18.51	3	Vertical	308	2.10
6855MHz	Pass	PK	6.848G	108.07	Inf	-Inf	3	Vertical	308	2.10
6855MHz	Pass	PK	7.184G	62.03	88.20	-26.17	3	Vertical	308	2.10
6855MHz	Pass	AV	6.8494G	100.40	Inf	-Inf	3	Horizontal	60	2.19
6855MHz	Pass	AV	7.2022G	49.69	68.20	-18.51	3	Horizontal	60	2.19
6855MHz	Pass	PK	6.8508G	110.02	Inf	-Inf	3	Horizontal	60	2.19
6855MHz	Pass	PK	7.1742G	60.67	88.20	-27.53	3	Horizontal	60	2.19
6855MHz	Pass	AV	13.7113G	44.74	68.20	-23.46	3	Vertical	122	2.33
6855MHz	Pass	PK	13.70238G	53.43	88.20	-34.77	3	Vertical	122	2.33
6855MHz	Pass	AV	13.7059G	44.22	68.20	-23.98	3	Horizontal	227	2.29
6855MHz	Pass	PK	13.71052G	53.62	88.20	-34.58	3	Horizontal	227	2.29
6875MHz Straddle 6.525-6.875GHz	Pass	AV	6.875G	96.01	Inf	-Inf	3	Vertical	4	3.00
6875MHz Straddle 6.525-6.875GHz	Pass	AV	7.2012G	49.72	68.20	-18.48	3	Vertical	4	3.00



RSE TX above 1GHz_Radio 1

Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6875MHz Straddle 6.525-6.875GHz	Pass	PK	6.8722G	107.24	Inf	-Inf	3	Vertical	4	3.00
6875MHz Straddle 6.525-6.875GHz	Pass	PK	7.2054G	60.87	88.20	-27.33	3	Vertical	4	3.00
6875MHz Straddle 6.525-6.875GHz	Pass	AV	6.8708G	99.88	Inf	-Inf	3	Horizontal	55	2.11
6875MHz Straddle 6.525-6.875GHz	Pass	AV	7.1956G	49.83	68.20	-18.37	3	Horizontal	55	2.11
6875MHz Straddle 6.525-6.875GHz	Pass	PK	6.8722G	109.04	Inf	-Inf	3	Horizontal	55	2.11
6875MHz Straddle 6.525-6.875GHz	Pass	PK	7.141G	60.52	88.20	-27.68	3	Horizontal	55	2.11
6875MHz Straddle 6.525-6.875GHz	Pass	AV	13.74238G	44.05	68.20	-24.15	3	Vertical	6	1.66
6875MHz Straddle 6.525-6.875GHz	Pass	PK	13.74068G	54.56	88.20	-33.64	3	Vertical	6	1.66
6875MHz Straddle 6.525-6.875GHz	Pass	AV	13.75128G	45.36	68.20	-22.84	3	Horizontal	278	1.66
6875MHz Straddle 6.525-6.875GHz	Pass	PK	13.75716G	55.02	88.20	-33.18	3	Horizontal	278	1.66
6895MHz	Pass	AV	6.8978G	96.06	Inf	-Inf	3	Vertical	311	2.15
6895MHz	Pass	AV	7.231G	49.73	68.20	-18.47	3	Vertical	311	2.15
6895MHz	Pass	PK	6.9006G	106.11	Inf	-Inf	3	Vertical	311	2.15
6895MHz	Pass	PK	7.126G	60.91	88.20	-27.29	3	Vertical	311	2.15
6895MHz	Pass	AV	6.8922G	99.43	Inf	-Inf	3	Horizontal	52	2.22
6895MHz	Pass	AV	7.2352G	49.75	68.20	-18.45	3	Horizontal	52	2.22
6895MHz	Pass	PK	6.8922G	110.36	Inf	-Inf	3	Horizontal	52	2.22
6895MHz	Pass	PK	7.1974G	61.34	88.20	-26.86	3	Horizontal	52	2.22
6895MHz	Pass	AV	13.78934G	44.91	68.20	-23.29	3	Vertical	318	2.33
6895MHz	Pass	PK	13.78606G	54.99	88.20	-33.21	3	Vertical	318	2.33
6895MHz	Pass	AV	13.78517G	44.93	68.20	-23.27	3	Horizontal	82	2.05
6895MHz	Pass	PK	13.79058G	55.36	88.20	-32.84	3	Horizontal	82	2.05
6995MHz	Pass	AV	7.003G	84.49	Inf	-Inf	3	Vertical	94.1	1.50
6995MHz	Pass	AV	7.204G	49.78	68.20	-18.42	3	Vertical	94.1	1.50
6995MHz	Pass	PK	7G	95.42	Inf	-Inf	3	Vertical	94.1	1.50
6995MHz	Pass	PK	7.231G	61.48	88.20	-26.72	3	Vertical	94.1	1.50
6995MHz	Pass	AV	6.994G	102.14	Inf	-Inf	3	Horizontal	54	2.08
6995MHz	Pass	AV	7.193G	49.82	68.20	-18.38	3	Horizontal	54	2.08
6995MHz	Pass	PK	6.996G	112.77	Inf	-Inf	3	Horizontal	54	2.08
6995MHz	Pass	PK	7.134G	61.83	88.20	-26.37	3	Horizontal	54	2.08
6995MHz	Pass	AV	13.98988G	45.36	68.20	-22.84	3	Vertical	321	1.60
6995MHz	Pass	PK	13.98643G	54.86	88.20	-33.34	3	Vertical	321	1.60
6995MHz	Pass	AV	13.98646G	45.44	68.20	-22.76	3	Horizontal	358	2.10
6995MHz	Pass	PK	13.98545G	55.67	88.20	-32.53	3	Horizontal	358	2.10
7095MHz	Pass	AV	7.0878G	83.37	Inf	-Inf	3	Vertical	155.1	1.50
7095MHz	Pass	AV	7.1862G	49.72	68.20	-18.48	3	Vertical	155.1	1.50
7095MHz	Pass	PK	7.0884G	95.10	Inf	-Inf	3	Vertical	155.1	1.50
7095MHz	Pass	PK	7.2396G	61.79	88.20	-26.41	3	Vertical	155.1	1.50
7095MHz	Pass	AV	7.0944G	99.99	Inf	-Inf	3	Horizontal	68	2.47
7095MHz	Pass	AV	7.1994G	49.89	68.20	-18.31	3	Horizontal	68	2.47
7095MHz	Pass	PK	7.1016G	109.77	Inf	-Inf	3	Horizontal	68	2.47
7095MHz	Pass	PK	7.2408G	61.41	88.20	-26.79	3	Horizontal	68	2.47
7095MHz	Pass	AV	14.18735G	45.54	68.20	-22.66	3	Vertical	317	1.08
7095MHz	Pass	PK	14.19057G	55.93	88.20	-32.27	3	Vertical	317	1.08
7095MHz	Pass	AV	14.18585G	45.53	68.20	-22.67	3	Horizontal	348	1.06
7095MHz	Pass	PK	14.19355G	55.80	88.20	-32.40	3	Horizontal	348	1.06
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	AV	5.92G	48.41	68.20	-19.79	3	Vertical	78	1.50
5965MHz	Pass	AV	5.9812G	84.87	Inf	-Inf	3	Vertical	78	1.50
5965MHz	Pass	PK	5.8864G	58.84	88.20	-29.36	3	Vertical	78	1.50
5965MHz	Pass	PK	5.962G	94.88	Inf	-Inf	3	Vertical	78	1.50
5965MHz	Pass	AV	5.9248G	51.06	68.20	-17.14	3	Horizontal	56	2.06
5965MHz	Pass	AV	5.9746G	100.17	Inf	-Inf	3	Horizontal	56	2.06
5965MHz	Pass	PK	5.9122G	61.85	88.20	-26.35	3	Horizontal	56	2.06
5965MHz	Pass	PK	5.9704G	110.91	Inf	-Inf	3	Horizontal	56	2.06
5965MHz	Pass	AV	11.92758G	43.30	54.00	-10.70	3	Vertical	240	1.29
5965MHz	Pass	PK	11.9323G	52.12	74.00	-21.88	3	Vertical	240	1.29
5965MHz	Pass	AV	11.92675G	43.31	54.00	-10.69	3	Horizontal	213	1.14
5965MHz	Pass	PK	11.93031G	51.65	74.00	-22.35	3	Horizontal	213	1.14
6165MHz	Pass	AV	5.9118G	48.48	68.20	-19.72	3	Vertical	308	1.85
6165MHz	Pass	AV	6.1722G	96.24	Inf	-Inf	3	Vertical	308	1.85
6165MHz	Pass	PK	5.9142G	58.37	88.20	-29.83	3	Vertical	308	1.85



RSE TX above 1GHz_Radio 1

Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6165MHz	Pass	PK	6.1698G	107.41	Inf	-Inf	3	Vertical	308	1.85
6165MHz	Pass	AV	5.907G	48.29	68.20	-19.91	3	Horizontal	35	2.20
6165MHz	Pass	AV	6.1578G	99.76	Inf	-Inf	3	Horizontal	35	2.20
6165MHz	Pass	PK	5.8974G	59.11	88.20	-29.09	3	Horizontal	35	2.20
6165MHz	Pass	PK	6.1698G	110.21	Inf	-Inf	3	Horizontal	35	2.20
6165MHz	Pass	AV	12.3256G	44.36	54.00	-9.64	3	Vertical	278	2.03
6165MHz	Pass	PK	12.33267G	53.17	74.00	-20.83	3	Vertical	278	2.03
6165MHz	Pass	AV	12.32907G	44.37	54.00	-9.63	3	Horizontal	191	2.24
6165MHz	Pass	PK	12.32866G	53.63	74.00	-20.37	3	Horizontal	191	2.24
6405MHz	Pass	AV	5.8746G	48.18	68.20	-20.02	3	Vertical	301	1.53
6405MHz	Pass	AV	6.4098G	96.86	Inf	-Inf	3	Vertical	301	1.53
6405MHz	Pass	PK	5.8242G	58.53	88.20	-29.67	3	Vertical	301	1.53
6405MHz	Pass	PK	6.4098G	104.99	Inf	-Inf	3	Vertical	301	1.53
6405MHz	Pass	AV	5.9058G	48.22	68.20	-19.98	3	Horizontal	37	2.19
6405MHz	Pass	AV	6.4002G	100.33	Inf	-Inf	3	Horizontal	37	2.19
6405MHz	Pass	PK	5.8938G	58.69	88.20	-29.51	3	Horizontal	37	2.19
6405MHz	Pass	PK	6.405G	108.42	Inf	-Inf	3	Horizontal	37	2.19
6405MHz	Pass	AV	12.80963G	45.06	68.20	-23.14	3	Vertical	69	2.78
6405MHz	Pass	PK	12.81157G	53.74	88.20	-34.46	3	Vertical	69	2.78
6405MHz	Pass	AV	12.81003G	44.77	68.20	-23.43	3	Horizontal	266	2.10
6405MHz	Pass	PK	12.81145G	54.60	88.20	-33.60	3	Horizontal	266	2.10
6445MHz	Pass	AV	5.8666G	48.31	68.20	-19.89	3	Vertical	300	1.58
6445MHz	Pass	AV	6.4498G	97.78	Inf	-Inf	3	Vertical	300	1.58
6445MHz	Pass	PK	5.8522G	57.95	88.20	-30.25	3	Vertical	300	1.58
6445MHz	Pass	PK	6.4498G	107.65	Inf	-Inf	3	Vertical	300	1.58
6445MHz	Pass	AV	5.9242G	48.23	68.20	-19.97	3	Horizontal	56	2.30
6445MHz	Pass	AV	6.4594G	101.64	Inf	-Inf	3	Horizontal	56	2.30
6445MHz	Pass	PK	5.8906G	59.04	88.20	-29.16	3	Horizontal	56	2.30
6445MHz	Pass	PK	6.457G	109.84	Inf	-Inf	3	Horizontal	56	2.30
6445MHz	Pass	AV	12.88656G	45.01	68.20	-23.19	3	Vertical	170	2.91
6445MHz	Pass	PK	12.89489G	54.30	88.20	-33.90	3	Vertical	170	2.91
6445MHz	Pass	AV	12.88806G	45.07	68.20	-23.13	3	Horizontal	2	2.55
6445MHz	Pass	PK	12.89158G	53.83	88.20	-34.37	3	Horizontal	2	2.55
6485MHz	Pass	AV	5.869G	48.42	68.20	-19.78	3	Vertical	301	1.50
6485MHz	Pass	AV	6.4906G	97.59	Inf	-Inf	3	Vertical	301	1.50
6485MHz	Pass	AV	7.1486G	51.07	68.20	-17.13	3	Vertical	301	1.50
6485MHz	Pass	PK	5.911G	58.00	88.20	-30.20	3	Vertical	301	1.50
6485MHz	Pass	PK	6.4822G	105.83	Inf	-Inf	3	Vertical	301	1.50
6485MHz	Pass	PK	7.143G	60.16	88.20	-28.04	3	Vertical	301	1.50
6485MHz	Pass	AV	5.8466G	48.13	68.20	-20.07	3	Horizontal	50	1.76
6485MHz	Pass	AV	6.4906G	101.43	Inf	-Inf	3	Horizontal	50	1.76
6485MHz	Pass	AV	7.1598G	51.04	68.20	-17.16	3	Horizontal	50	1.76
6485MHz	Pass	PK	5.9082G	58.36	88.20	-29.84	3	Horizontal	50	1.76
6485MHz	Pass	PK	6.4822G	111.37	Inf	-Inf	3	Horizontal	50	1.76
6485MHz	Pass	PK	7.1626G	61.23	88.20	-26.97	3	Horizontal	50	1.76
6485MHz	Pass	AV	12.96835G	45.34	68.20	-22.86	3	Vertical	308	2.61
6485MHz	Pass	PK	12.97428G	54.12	88.20	-34.08	3	Vertical	308	2.61
6485MHz	Pass	AV	12.97279G	45.16	68.20	-23.04	3	Horizontal	193	1.95
6485MHz	Pass	PK	12.97248G	54.07	88.20	-34.13	3	Horizontal	193	1.95
6525MHz Straddle 6.425-6.525GHz	Pass	AV	5.8642G	48.35	68.20	-19.85	3	Vertical	310	2.24
6525MHz Straddle 6.425-6.525GHz	Pass	AV	6.5306G	98.90	Inf	-Inf	3	Vertical	310	2.24
6525MHz Straddle 6.425-6.525GHz	Pass	AV	7.1942G	51.17	68.20	-17.03	3	Vertical	310	2.24
6525MHz Straddle 6.425-6.525GHz	Pass	PK	5.9062G	57.89	88.20	-30.31	3	Vertical	310	2.24
6525MHz Straddle 6.425-6.525GHz	Pass	PK	6.5418G	107.23	Inf	-Inf	3	Vertical	310	2.24
6525MHz Straddle 6.425-6.525GHz	Pass	PK	7.155G	60.66	88.20	-27.54	3	Vertical	310	2.24
6525MHz Straddle 6.425-6.525GHz	Pass	AV	5.8698G	48.31	68.20	-19.89	3	Horizontal	48	1.70
6525MHz Straddle 6.425-6.525GHz	Pass	AV	6.5194G	101.57	Inf	-Inf	3	Horizontal	48	1.70
6525MHz Straddle 6.425-6.525GHz	Pass	AV	7.169G	50.83	68.20	-17.37	3	Horizontal	48	1.70
6525MHz Straddle 6.425-6.525GHz	Pass	PK	5.9034G	57.62	88.20	-30.58	3	Horizontal	48	1.70
6525MHz Straddle 6.425-6.525GHz	Pass	PK	6.5138G	109.96	Inf	-Inf	3	Horizontal	48	1.70
6525MHz Straddle 6.425-6.525GHz	Pass	PK	7.1354G	60.93	88.20	-27.27	3	Horizontal	48	1.70
6525MHz Straddle 6.425-6.525GHz	Pass	AV	13.0516G	45.10	68.20	-23.10	3	Vertical	108	2.27



RSE TX above 1GHz_Radio 1

Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6525MHz Straddle 6.425-6.525GHz	Pass	PK	13.04533G	54.61	88.20	-33.59	3	Vertical	108	2.27
6525MHz Straddle 6.425-6.525GHz	Pass	AV	13.04866G	45.41	68.20	-22.79	3	Horizontal	194	1.74
6525MHz Straddle 6.425-6.525GHz	Pass	PK	13.0529G	54.06	88.20	-34.14	3	Horizontal	194	1.74
6565MHz	Pass	AV	6.565G	98.27	Inf	-Inf	3	Vertical	310	2.11
6565MHz	Pass	AV	7.1386G	50.90	68.20	-17.30	3	Vertical	310	2.11
6565MHz	Pass	PK	6.5626G	106.94	Inf	-Inf	3	Vertical	310	2.11
6565MHz	Pass	PK	7.1338G	59.73	88.20	-28.47	3	Vertical	310	2.11
6565MHz	Pass	AV	6.565G	99.76	Inf	-Inf	3	Horizontal	49	1.74
6565MHz	Pass	AV	7.1554G	50.87	68.20	-17.33	3	Horizontal	49	1.74
6565MHz	Pass	PK	6.5626G	109.67	Inf	-Inf	3	Horizontal	49	1.74
6565MHz	Pass	PK	7.1458G	60.21	88.20	-27.99	3	Horizontal	49	1.74
6565MHz	Pass	AV	13.12716G	45.31	68.20	-22.89	3	Vertical	150	2.58
6565MHz	Pass	PK	13.12505G	54.24	88.20	-33.96	3	Vertical	150	2.58
6565MHz	Pass	AV	13.12783G	45.42	68.20	-22.78	3	Horizontal	34	2.86
6565MHz	Pass	PK	13.13219G	54.81	88.20	-33.39	3	Horizontal	34	2.86
6685MHz	Pass	AV	6.693G	97.35	Inf	-Inf	3	Vertical	319	2.18
6685MHz	Pass	AV	7.175G	50.97	68.20	-17.23	3	Vertical	319	2.18
6685MHz	Pass	PK	6.689G	107.10	Inf	-Inf	3	Vertical	319	2.18
6685MHz	Pass	PK	7.167G	61.07	88.20	-27.13	3	Vertical	319	2.18
6685MHz	Pass	AV	6.683G	101.20	Inf	-Inf	3	Horizontal	59	2.15
6685MHz	Pass	AV	7.175G	50.95	68.20	-17.25	3	Horizontal	59	2.15
6685MHz	Pass	PK	6.685G	109.99	Inf	-Inf	3	Horizontal	59	2.15
6685MHz	Pass	PK	7.183G	60.06	88.20	-28.14	3	Horizontal	59	2.15
6685MHz	Pass	AV	13.37197G	45.75	54.00	-8.25	3	Vertical	67	2.22
6685MHz	Pass	PK	13.37342G	55.03	74.00	-18.97	3	Vertical	67	2.22
6685MHz	Pass	AV	13.37332G	45.76	54.00	-8.24	3	Horizontal	94	1.22
6685MHz	Pass	PK	13.36784G	54.85	74.00	-19.15	3	Horizontal	94	1.22
6845MHz	Pass	AV	6.8408G	97.52	Inf	-Inf	3	Vertical	306	2.15
6845MHz	Pass	AV	7.139G	51.10	68.20	-17.10	3	Vertical	306	2.15
6845MHz	Pass	PK	6.8506G	107.55	Inf	-Inf	3	Vertical	306	2.15
6845MHz	Pass	PK	7.1698G	60.78	88.20	-27.42	3	Vertical	306	2.15
6845MHz	Pass	AV	6.8422G	101.26	Inf	-Inf	3	Horizontal	55	2.20
6845MHz	Pass	AV	7.1922G	51.21	68.20	-16.99	3	Horizontal	55	2.20
6845MHz	Pass	PK	6.8422G	111.63	Inf	-Inf	3	Horizontal	55	2.20
6845MHz	Pass	PK	7.195G	61.58	88.20	-26.62	3	Horizontal	55	2.20
6845MHz	Pass	AV	13.68638G	46.25	68.20	-21.95	3	Vertical	110	2.33
6845MHz	Pass	PK	13.68667G	55.21	88.20	-32.99	3	Vertical	110	2.33
6845MHz	Pass	AV	13.68955G	46.15	68.20	-22.05	3	Horizontal	117	1.23
6845MHz	Pass	PK	13.69415G	54.88	88.20	-33.32	3	Horizontal	117	1.23
6885MHz Straddle 6.525-6.875GHz	Pass	AV	6.8724G	97.11	Inf	-Inf	3	Vertical	4	3.00
6885MHz Straddle 6.525-6.875GHz	Pass	AV	7.1804G	51.15	68.20	-17.05	3	Vertical	4	3.00
6885MHz Straddle 6.525-6.875GHz	Pass	PK	6.8822G	107.90	Inf	-Inf	3	Vertical	4	3.00
6885MHz Straddle 6.525-6.875GHz	Pass	PK	7.165G	60.90	88.20	-27.30	3	Vertical	4	3.00
6885MHz Straddle 6.525-6.875GHz	Pass	AV	6.8808G	100.76	Inf	-Inf	3	Horizontal	59	2.09
6885MHz Straddle 6.525-6.875GHz	Pass	AV	7.2042G	51.06	68.20	-17.14	3	Horizontal	59	2.09
6885MHz Straddle 6.525-6.875GHz	Pass	PK	6.8822G	110.93	Inf	-Inf	3	Horizontal	59	2.09
6885MHz Straddle 6.525-6.875GHz	Pass	PK	7.1762G	60.51	88.20	-27.69	3	Horizontal	59	2.09
6885MHz Straddle 6.525-6.875GHz	Pass	AV	13.77336G	46.16	68.20	-22.04	3	Vertical	31	1.94
6885MHz Straddle 6.525-6.875GHz	Pass	PK	13.77345G	54.64	88.20	-33.56	3	Vertical	31	1.94
6885MHz Straddle 6.525-6.875GHz	Pass	AV	13.76755G	45.95	68.20	-22.25	3	Horizontal	259	2.62
6885MHz Straddle 6.525-6.875GHz	Pass	PK	13.76993G	55.12	88.20	-33.08	3	Horizontal	259	2.62
6925MHz	Pass	AV	6.919G	96.63	Inf	-Inf	3	Vertical	5	2.96
6925MHz	Pass	AV	7.1878G	51.13	68.20	-17.07	3	Vertical	5	2.96
6925MHz	Pass	PK	6.9214G	106.10	Inf	-Inf	3	Vertical	5	2.96
6925MHz	Pass	PK	7.1302G	61.16	88.20	-27.04	3	Vertical	5	2.96
6925MHz	Pass	AV	6.9286G	101.85	Inf	-Inf	3	Horizontal	54	2.11
6925MHz	Pass	AV	7.1866G	51.37	68.20	-16.83	3	Horizontal	54	2.11
6925MHz	Pass	PK	6.9214G	111.79	Inf	-Inf	3	Horizontal	54	2.11
6925MHz	Pass	PK	7.1626G	61.73	88.20	-26.47	3	Horizontal	54	2.11
6925MHz	Pass	AV	13.84564G	46.22	68.20	-21.98	3	Vertical	308	2.87
6925MHz	Pass	PK	13.84864G	55.70	88.20	-32.50	3	Vertical	308	2.87
6925MHz	Pass	AV	13.84803G	46.27	68.20	-21.93	3	Horizontal	155	2.54



RSE TX above 1GHz_Radio 1

Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6925MHz	Pass	PK	13.84913G	54.96	88.20	-33.24	3	Horizontal	155	2.54
7005MHz	Pass	AV	6.999G	96.11	Inf	-Inf	3	Vertical	2	1.06
7005MHz	Pass	AV	7.1448G	51.08	68.20	-17.12	3	Vertical	2	1.06
7005MHz	Pass	PK	7.0014G	106.79	Inf	-Inf	3	Vertical	2	1.06
7005MHz	Pass	PK	7.155G	61.11	88.20	-27.09	3	Vertical	2	1.06
7005MHz	Pass	AV	6.9912G	100.15	Inf	-Inf	3	Horizontal	53	2.11
7005MHz	Pass	AV	7.1466G	51.03	68.20	-17.17	3	Horizontal	53	2.11
7005MHz	Pass	PK	7.0032G	109.41	Inf	-Inf	3	Horizontal	53	2.11
7005MHz	Pass	PK	7.1472G	60.80	88.20	-27.40	3	Horizontal	53	2.11
7005MHz	Pass	AV	14.0077G	46.90	68.20	-21.30	3	Vertical	157	1.89
7005MHz	Pass	PK	14.01162G	55.54	88.20	-32.66	3	Vertical	157	1.89
7005MHz	Pass	AV	14.00641G	46.69	68.20	-21.51	3	Horizontal	297	1.94
7005MHz	Pass	PK	14.0081G	55.45	88.20	-32.75	3	Horizontal	297	1.94
7085MHz	Pass	AV	7.0898G	99.00	Inf	-Inf	3	Vertical	307	2.12
7085MHz	Pass	AV	7.1276G	52.41	68.20	-15.79	3	Vertical	307	2.12
7085MHz	Pass	PK	7.0904G	109.59	Inf	-Inf	3	Vertical	307	2.12
7085MHz	Pass	PK	7.1294G	67.07	88.20	-21.13	3	Vertical	307	2.12
7085MHz	Pass	AV	7.0916G	100.80	Inf	-Inf	3	Horizontal	76	2.52
7085MHz	Pass	AV	7.1264G	53.02	68.20	-15.18	3	Horizontal	76	2.52
7085MHz	Pass	PK	7.082G	111.23	Inf	-Inf	3	Horizontal	76	2.52
7085MHz	Pass	PK	7.1276G	68.41	88.20	-19.79	3	Horizontal	76	2.52
7085MHz	Pass	AV	14.17316G	46.77	68.20	-21.43	3	Vertical	158	1.39
7085MHz	Pass	PK	14.16595G	56.23	88.20	-31.97	3	Vertical	158	1.39
7085MHz	Pass	AV	14.16743G	46.69	68.20	-21.51	3	Horizontal	312	2.19
7085MHz	Pass	PK	14.17318G	55.00	88.20	-33.20	3	Horizontal	312	2.19
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	AV	5.925G	51.62	68.20	-16.58	3	Vertical	347	1.13
5985MHz	Pass	AV	5.974G	95.25	Inf	-Inf	3	Vertical	347	1.13
5985MHz	Pass	PK	5.925G	63.13	88.20	-25.07	3	Vertical	347	1.13
5985MHz	Pass	PK	5.982G	105.26	Inf	-Inf	3	Vertical	347	1.13
5985MHz	Pass	AV	5.924G	52.13	68.20	-16.07	3	Horizontal	36	2.14
5985MHz	Pass	AV	5.996G	99.36	Inf	-Inf	3	Horizontal	36	2.14
5985MHz	Pass	PK	5.921G	64.54	88.20	-23.66	3	Horizontal	36	2.14
5985MHz	Pass	PK	5.996G	109.51	Inf	-Inf	3	Horizontal	36	2.14
5985MHz	Pass	AV	11.97019G	43.23	54.00	-10.77	3	Vertical	338	2.97
5985MHz	Pass	PK	11.96705G	51.94	74.00	-22.06	3	Vertical	338	2.97
5985MHz	Pass	AV	11.97258G	43.16	54.00	-10.84	3	Horizontal	283	1.90
5985MHz	Pass	PK	11.97298G	52.53	74.00	-21.47	3	Horizontal	283	1.90
6145MHz	Pass	AV	5.9074G	48.22	68.20	-19.98	3	Vertical	305	2.08
6145MHz	Pass	AV	6.157G	96.08	Inf	-Inf	3	Vertical	305	2.08
6145MHz	Pass	PK	5.9122G	58.29	88.20	-29.91	3	Vertical	305	2.08
6145MHz	Pass	PK	6.1426G	105.02	Inf	-Inf	3	Vertical	305	2.08
6145MHz	Pass	AV	5.8642G	48.27	68.20	-19.93	3	Horizontal	35	2.19
6145MHz	Pass	AV	6.1582G	99.93	Inf	-Inf	3	Horizontal	35	2.19
6145MHz	Pass	PK	5.8474G	58.18	88.20	-30.02	3	Horizontal	35	2.19
6145MHz	Pass	PK	6.1486G	109.00	Inf	-Inf	3	Horizontal	35	2.19
6145MHz	Pass	AV	12.29229G	44.04	54.00	-9.96	3	Vertical	245	1.10
6145MHz	Pass	PK	12.29344G	53.09	74.00	-20.91	3	Vertical	245	1.10
6145MHz	Pass	AV	12.29252G	44.13	54.00	-9.87	3	Horizontal	40	1.81
6145MHz	Pass	PK	12.29338G	53.54	74.00	-20.46	3	Horizontal	40	1.81
6385MHz	Pass	AV	5.857G	48.26	68.20	-19.94	3	Vertical	306	1.82
6385MHz	Pass	AV	6.373G	96.47	Inf	-Inf	3	Vertical	306	1.82
6385MHz	Pass	PK	5.8954G	58.20	88.20	-30.00	3	Vertical	306	1.82
6385MHz	Pass	PK	6.373G	105.43	Inf	-Inf	3	Vertical	306	1.82
6385MHz	Pass	AV	5.9026G	48.86	68.20	-19.34	3	Horizontal	34	1.38
6385MHz	Pass	AV	6.397G	99.97	Inf	-Inf	3	Horizontal	34	1.38
6385MHz	Pass	PK	5.833G	58.00	88.20	-30.20	3	Horizontal	34	1.38
6385MHz	Pass	PK	6.397G	109.91	Inf	-Inf	3	Horizontal	34	1.38
6385MHz	Pass	AV	12.76818G	45.12	68.20	-23.08	3	Vertical	224	1.21
6385MHz	Pass	PK	12.77079G	53.75	88.20	-34.45	3	Vertical	224	1.21
6385MHz	Pass	AV	12.76516G	45.00	68.20	-23.20	3	Horizontal	286	1.78
6385MHz	Pass	PK	12.76617G	53.42	88.20	-34.78	3	Horizontal	286	1.78



RSE TX above 1GHz_Radio 1

Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6465MHz	Pass	AV	5.849G	48.17	68.20	-20.03	3	Vertical	303	1.54
6465MHz	Pass	AV	6.4734G	97.20	Inf	-Inf	3	Vertical	303	1.54
6465MHz	Pass	AV	7.1538G	50.97	68.20	-17.23	3	Vertical	303	1.54
6465MHz	Pass	PK	5.8378G	58.90	88.20	-29.30	3	Vertical	303	1.54
6465MHz	Pass	PK	6.4538G	106.68	Inf	-Inf	3	Vertical	303	1.54
6465MHz	Pass	PK	7.1454G	60.45	88.20	-27.75	3	Vertical	303	1.54
6465MHz	Pass	AV	5.9078G	48.44	68.20	-19.76	3	Horizontal	51	1.71
6465MHz	Pass	AV	6.4594G	100.86	Inf	-Inf	3	Horizontal	51	1.71
6465MHz	Pass	AV	7.165G	50.93	68.20	-17.27	3	Horizontal	51	1.71
6465MHz	Pass	PK	5.9134G	57.76	88.20	-30.44	3	Horizontal	51	1.71
6465MHz	Pass	PK	6.4482G	110.33	Inf	-Inf	3	Horizontal	51	1.71
6465MHz	Pass	PK	7.1286G	60.50	88.20	-27.70	3	Horizontal	51	1.71
6465MHz	Pass	AV	12.93288G	45.05	68.20	-23.15	3	Vertical	320	1.90
6465MHz	Pass	PK	12.93073G	54.08	88.20	-34.12	3	Vertical	320	1.90
6465MHz	Pass	AV	12.92708G	45.28	68.20	-22.92	3	Horizontal	142	2.07
6465MHz	Pass	PK	12.92797G	54.57	88.20	-33.63	3	Horizontal	142	2.07
6545MHz Straddle 6.425-6.525GHz	Pass	AV	5.8674G	48.20	68.20	-20.00	3	Vertical	350	1.07
6545MHz Straddle 6.425-6.525GHz	Pass	AV	6.475G	96.02	Inf	-Inf	3	Vertical	350	1.07
6545MHz Straddle 6.425-6.525GHz	Pass	AV	7.2366G	51.33	68.20	-16.87	3	Vertical	350	1.07
6545MHz Straddle 6.425-6.525GHz	Pass	PK	5.8814G	57.63	88.20	-30.57	3	Vertical	350	1.07
6545MHz Straddle 6.425-6.525GHz	Pass	PK	6.475G	104.90	Inf	-Inf	3	Vertical	350	1.07
6545MHz Straddle 6.425-6.525GHz	Pass	PK	7.231G	61.20	88.20	-27.00	3	Vertical	350	1.07
6545MHz Straddle 6.425-6.525GHz	Pass	AV	5.8926G	48.47	68.20	-19.73	3	Horizontal	48	1.74
6545MHz Straddle 6.425-6.525GHz	Pass	AV	6.4946G	100.57	Inf	-Inf	3	Horizontal	48	1.74
6545MHz Straddle 6.425-6.525GHz	Pass	AV	7.1694G	51.10	68.20	-17.10	3	Horizontal	48	1.74
6545MHz Straddle 6.425-6.525GHz	Pass	PK	5.8506G	58.18	88.20	-30.02	3	Horizontal	48	1.74
6545MHz Straddle 6.425-6.525GHz	Pass	PK	6.4918G	110.32	Inf	-Inf	3	Horizontal	48	1.74
6545MHz Straddle 6.425-6.525GHz	Pass	PK	7.189G	60.10	88.20	-28.10	3	Horizontal	48	1.74
6545MHz Straddle 6.425-6.525GHz	Pass	AV	13.08538G	45.27	68.20	-22.93	3	Vertical	193	2.97
6545MHz Straddle 6.425-6.525GHz	Pass	PK	13.09303G	53.94	88.20	-34.26	3	Vertical	193	2.97
6545MHz Straddle 6.425-6.525GHz	Pass	AV	13.09336G	45.63	68.20	-22.57	3	Horizontal	153	1.58
6545MHz Straddle 6.425-6.525GHz	Pass	PK	13.08596G	54.47	88.20	-33.73	3	Horizontal	153	1.58
6625MHz	Pass	AV	6.6154G	97.54	Inf	-Inf	3	Vertical	311	2.18
6625MHz	Pass	AV	7.1578G	51.05	68.20	-17.15	3	Vertical	311	2.18
6625MHz	Pass	PK	6.6274G	107.30	Inf	-Inf	3	Vertical	311	2.18
6625MHz	Pass	PK	7.1698G	61.10	88.20	-27.10	3	Vertical	311	2.18
6625MHz	Pass	AV	6.649G	100.64	Inf	-Inf	3	Horizontal	62	2.28
6625MHz	Pass	AV	7.1578G	50.96	68.20	-17.24	3	Horizontal	62	2.28
6625MHz	Pass	PK	6.6514G	110.35	Inf	-Inf	3	Horizontal	62	2.28
6625MHz	Pass	PK	7.189G	60.85	88.20	-27.35	3	Horizontal	62	2.28
6625MHz	Pass	AV	13.25248G	45.46	54.00	-8.54	3	Vertical	331	2.56
6625MHz	Pass	PK	13.25149G	54.97	74.00	-19.03	3	Vertical	331	2.56
6625MHz	Pass	AV	13.25139G	45.33	54.00	-8.67	3	Horizontal	192	1.91
6625MHz	Pass	PK	13.25353G	54.90	74.00	-19.10	3	Horizontal	192	1.91
6705MHz	Pass	AV	6.693G	92.50	Inf	-Inf	3	Vertical	354.1	1.50
6705MHz	Pass	AV	7.203G	51.11	68.20	-17.09	3	Vertical	354.1	1.50
6705MHz	Pass	PK	6.693G	101.79	Inf	-Inf	3	Vertical	354.1	1.50
6705MHz	Pass	PK	7.159G	60.79	88.20	-27.41	3	Vertical	354.1	1.50
6705MHz	Pass	AV	6.711G	101.66	Inf	-Inf	3	Horizontal	60	2.24
6705MHz	Pass	AV	7.143G	51.14	68.20	-17.06	3	Horizontal	60	2.24
6705MHz	Pass	PK	6.715G	110.40	Inf	-Inf	3	Horizontal	60	2.24
6705MHz	Pass	PK	7.139G	61.21	88.20	-26.99	3	Horizontal	60	2.24
6705MHz	Pass	AV	13.41436G	45.89	68.20	-22.31	3	Vertical	121	1.18
6705MHz	Pass	PK	13.41185G	54.45	88.20	-33.75	3	Vertical	121	1.18
6705MHz	Pass	AV	13.41254G	45.90	68.20	-22.30	3	Horizontal	278	2.57
6705MHz	Pass	PK	13.40765G	54.19	88.20	-34.01	3	Horizontal	278	2.57
6785MHz	Pass	AV	6.7822G	92.97	Inf	-Inf	3	Vertical	308	1.50
6785MHz	Pass	AV	7.1266G	50.74	68.20	-17.46	3	Vertical	308	1.50
6785MHz	Pass	PK	6.7822G	103.38	Inf	-Inf	3	Vertical	308	1.50
6785MHz	Pass	PK	7.1266G	59.90	88.20	-28.30	3	Vertical	308	1.50
6785MHz	Pass	AV	6.7738G	101.06	Inf	-Inf	3	Horizontal	59	2.22
6785MHz	Pass	AV	7.1266G	50.71	68.20	-17.49	3	Horizontal	59	2.22



RSE TX above 1GHz_Radio 1

Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6785MHz	Pass	PK	6.7822G	110.13	Inf	-Inf	3	Horizontal	59	2.22
6785MHz	Pass	PK	7.1294G	60.35	88.20	-27.85	3	Horizontal	59	2.22
6785MHz	Pass	AV	13.57111G	46.13	68.20	-22.07	3	Vertical	115	2.28
6785MHz	Pass	PK	13.57348G	55.02	88.20	-33.18	3	Vertical	115	2.28
6785MHz	Pass	AV	13.56606G	46.26	68.20	-21.94	3	Horizontal	155	2.81
6785MHz	Pass	PK	13.57336G	55.72	88.20	-32.48	3	Horizontal	155	2.81
6865MHz Straddle 6.525-6.875GHz	Pass	AV	6.8552G	88.14	Inf	-Inf	3	Vertical	269	1.25
6865MHz Straddle 6.525-6.875GHz	Pass	AV	7.208G	51.28	68.20	-16.92	3	Vertical	269	1.25
6865MHz Straddle 6.525-6.875GHz	Pass	PK	6.8678G	98.26	Inf	-Inf	3	Vertical	269	1.25
6865MHz Straddle 6.525-6.875GHz	Pass	PK	7.145G	61.79	88.20	-26.41	3	Vertical	269	1.25
6865MHz Straddle 6.525-6.875GHz	Pass	AV	6.8342G	100.26	Inf	-Inf	3	Horizontal	56	2.21
6865MHz Straddle 6.525-6.875GHz	Pass	AV	7.1534G	51.09	68.20	-17.11	3	Horizontal	56	2.21
6865MHz Straddle 6.525-6.875GHz	Pass	PK	6.8916G	109.76	Inf	-Inf	3	Horizontal	56	2.21
6865MHz Straddle 6.525-6.875GHz	Pass	PK	7.215G	60.83	88.20	-27.37	3	Horizontal	56	2.21
6865MHz Straddle 6.525-6.875GHz	Pass	AV	13.73224G	46.39	68.20	-21.81	3	Vertical	126	1.65
6865MHz Straddle 6.525-6.875GHz	Pass	PK	13.72565G	54.92	88.20	-33.28	3	Vertical	126	1.65
6865MHz Straddle 6.525-6.875GHz	Pass	AV	13.73102G	46.00	68.20	-22.20	3	Horizontal	247	2.45
6865MHz Straddle 6.525-6.875GHz	Pass	PK	13.7257G	55.08	88.20	-33.12	3	Horizontal	247	2.45
6945MHz	Pass	AV	6.9354G	97.41	Inf	-Inf	3	Vertical	310	2.22
6945MHz	Pass	AV	7.2174G	51.26	68.20	-16.94	3	Vertical	310	2.22
6945MHz	Pass	PK	6.927G	107.71	Inf	-Inf	3	Vertical	310	2.22
6945MHz	Pass	PK	7.1694G	60.93	88.20	-27.27	3	Vertical	310	2.22
6945MHz	Pass	AV	6.9318G	101.88	Inf	-Inf	3	Horizontal	55	2.10
6945MHz	Pass	AV	7.155G	51.45	68.20	-16.75	3	Horizontal	55	2.10
6945MHz	Pass	PK	6.9318G	111.10	Inf	-Inf	3	Horizontal	55	2.10
6945MHz	Pass	PK	7.1682G	61.57	88.20	-26.63	3	Horizontal	55	2.10
6945MHz	Pass	AV	13.89043G	46.17	68.20	-22.03	3	Vertical	125	2.85
6945MHz	Pass	PK	13.88975G	54.72	88.20	-33.48	3	Vertical	125	2.85
6945MHz	Pass	AV	13.88649G	46.06	68.20	-22.14	3	Horizontal	346	2.39
6945MHz	Pass	PK	13.88868G	55.34	88.20	-32.86	3	Horizontal	346	2.39
7025MHz	Pass	AV	7.016G	96.79	Inf	-Inf	3	Vertical	302	1.93
7025MHz	Pass	AV	7.1306G	52.68	68.20	-15.52	3	Vertical	302	1.93
7025MHz	Pass	PK	7.0286G	107.24	Inf	-Inf	3	Vertical	302	1.93
7025MHz	Pass	PK	7.1354G	63.74	88.20	-24.46	3	Vertical	302	1.93
7025MHz	Pass	AV	7.0064G	100.12	Inf	-Inf	3	Horizontal	55	2.07
7025MHz	Pass	AV	7.1258G	53.87	68.20	-14.33	3	Horizontal	55	2.07
7025MHz	Pass	PK	6.9938G	110.62	Inf	-Inf	3	Horizontal	55	2.07
7025MHz	Pass	PK	7.1258G	66.23	88.20	-21.97	3	Horizontal	55	2.07
7025MHz	Pass	AV	14.05059G	46.58	68.20	-21.62	3	Vertical	175	1.12
7025MHz	Pass	PK	14.04557G	55.34	88.20	-32.86	3	Vertical	175	1.12
7025MHz	Pass	AV	14.04838G	46.56	68.20	-21.64	3	Horizontal	307	1.36
7025MHz	Pass	PK	14.04549G	55.99	88.20	-32.21	3	Horizontal	307	1.36
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	AV	5.911G	64.76	68.20	-3.44	3	Vertical	308	1.90
6025MHz	Pass	AV	6.08G	95.64	Inf	-Inf	3	Vertical	308	1.90
6025MHz	Pass	PK	5.916G	74.82	88.20	-13.38	3	Vertical	308	1.90
6025MHz	Pass	PK	6.087G	104.90	Inf	-Inf	3	Vertical	308	1.90
6025MHz	Pass	AV	5.919G	67.02	68.20	-1.18	3	Horizontal	35	2.06
6025MHz	Pass	AV	6.019G	100.04	Inf	-Inf	3	Horizontal	35	2.06
6025MHz	Pass	PK	5.912G	76.40	88.20	-11.80	3	Horizontal	35	2.06
6025MHz	Pass	PK	6.078G	109.12	Inf	-Inf	3	Horizontal	35	2.06
6025MHz	Pass	AV	12.05199G	45.36	54.00	-8.64	3	Vertical	95	2.30
6025MHz	Pass	PK	12.05355G	52.01	74.00	-21.99	3	Vertical	95	2.30
6025MHz	Pass	AV	12.04574G	44.64	54.00	-9.36	3	Horizontal	64	2.09
6025MHz	Pass	PK	12.04582G	52.22	74.00	-21.78	3	Horizontal	64	2.09
6185MHz	Pass	AV	5.9178G	50.08	68.20	-18.12	3	Vertical	307	1.93
6185MHz	Pass	AV	6.2106G	96.31	Inf	-Inf	3	Vertical	307	1.93
6185MHz	Pass	PK	5.9178G	58.14	88.20	-30.06	3	Vertical	307	1.93
6185MHz	Pass	PK	6.1994G	105.15	Inf	-Inf	3	Vertical	307	1.93
6185MHz	Pass	AV	5.9242G	51.38	68.20	-16.82	3	Horizontal	35	2.19
6185MHz	Pass	AV	6.1594G	99.79	Inf	-Inf	3	Horizontal	35	2.19
6185MHz	Pass	PK	5.9226G	60.34	88.20	-27.86	3	Horizontal	35	2.19



RSE TX above 1GHz_Radio 1

Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6185MHz	Pass	PK	6.2106G	108.14	Inf	-Inf	3	Horizontal	35	2.19
6185MHz	Pass	AV	12.3738G	45.09	54.00	-8.91	3	Vertical	228	2.25
6185MHz	Pass	PK	12.36762G	52.47	74.00	-21.53	3	Vertical	228	2.25
6185MHz	Pass	AV	12.36606G	44.71	54.00	-9.29	3	Horizontal	354	2.37
6185MHz	Pass	PK	12.37116G	53.20	74.00	-20.80	3	Horizontal	354	2.37
6345MHz	Pass	AV	5.8554G	49.49	68.20	-18.71	3	Vertical	300	1.56
6345MHz	Pass	AV	6.4002G	96.64	Inf	-Inf	3	Vertical	300	1.56
6345MHz	Pass	PK	5.8554G	58.57	88.20	-29.63	3	Vertical	300	1.56
6345MHz	Pass	PK	6.4002G	104.29	Inf	-Inf	3	Vertical	300	1.56
6345MHz	Pass	AV	5.9058G	49.89	68.20	-18.31	3	Horizontal	36	2.18
6345MHz	Pass	AV	6.4002G	99.93	Inf	-Inf	3	Horizontal	36	2.18
6345MHz	Pass	PK	5.925G	58.31	88.20	-29.89	3	Horizontal	36	2.18
6345MHz	Pass	PK	6.3954G	108.61	Inf	-Inf	3	Horizontal	36	2.18
6345MHz	Pass	AV	12.68562G	45.76	54.00	-8.24	3	Vertical	210	2.50
6345MHz	Pass	PK	12.69219G	53.87	74.00	-20.13	3	Vertical	210	2.50
6345MHz	Pass	AV	12.69178G	45.55	54.00	-8.45	3	Horizontal	349	1.15
6345MHz	Pass	PK	12.68682G	54.19	74.00	-19.81	3	Horizontal	349	1.15
6505MHz Straddle 6.425-6.525GHz	Pass	AV	5.8974G	49.69	68.20	-18.51	3	Vertical	305	2.20
6505MHz Straddle 6.425-6.525GHz	Pass	AV	6.5302G	97.40	Inf	-Inf	3	Vertical	305	2.20
6505MHz Straddle 6.425-6.525GHz	Pass	AV	7.1798G	52.20	68.20	-16.00	3	Vertical	305	2.20
6505MHz Straddle 6.425-6.525GHz	Pass	PK	5.8554G	57.98	88.20	-30.22	3	Vertical	305	2.20
6505MHz Straddle 6.425-6.525GHz	Pass	PK	6.5274G	105.95	Inf	-Inf	3	Vertical	305	2.20
6505MHz Straddle 6.425-6.525GHz	Pass	PK	7.1938G	62.10	88.20	-26.10	3	Vertical	305	2.20
6505MHz Straddle 6.425-6.525GHz	Pass	AV	5.9086G	49.78	68.20	-18.42	3	Horizontal	48	1.82
6505MHz Straddle 6.425-6.525GHz	Pass	AV	6.477G	100.56	Inf	-Inf	3	Horizontal	48	1.82
6505MHz Straddle 6.425-6.525GHz	Pass	AV	7.1826G	52.27	68.20	-15.93	3	Horizontal	48	1.82
6505MHz Straddle 6.425-6.525GHz	Pass	PK	5.861G	58.26	88.20	-29.94	3	Horizontal	48	1.82
6505MHz Straddle 6.425-6.525GHz	Pass	PK	6.4826G	109.40	Inf	-Inf	3	Horizontal	48	1.82
6505MHz Straddle 6.425-6.525GHz	Pass	PK	7.149G	61.35	88.20	-26.85	3	Horizontal	48	1.82
6505MHz Straddle 6.425-6.525GHz	Pass	AV	13.01369G	46.19	68.20	-22.01	3	Vertical	252	1.00
6505MHz Straddle 6.425-6.525GHz	Pass	PK	13.01108G	53.83	88.20	-34.37	3	Vertical	252	1.00
6505MHz Straddle 6.425-6.525GHz	Pass	AV	13.0053G	46.33	68.20	-21.87	3	Horizontal	228	1.67
6505MHz Straddle 6.425-6.525GHz	Pass	PK	13.01268G	54.74	88.20	-33.46	3	Horizontal	228	1.67
6665MHz	Pass	AV	6.6892G	96.76	Inf	-Inf	3	Vertical	322	2.03
6665MHz	Pass	AV	7.16G	52.44	68.20	-15.76	3	Vertical	322	2.03
6665MHz	Pass	PK	6.7266G	106.67	Inf	-Inf	3	Vertical	322	2.03
6665MHz	Pass	PK	7.1732G	61.19	88.20	-27.01	3	Vertical	322	2.03
6665MHz	Pass	AV	6.7244G	101.48	Inf	-Inf	3	Horizontal	60	2.21
6665MHz	Pass	AV	7.193G	52.48	68.20	-15.72	3	Horizontal	60	2.21
6665MHz	Pass	PK	6.7244G	110.02	Inf	-Inf	3	Horizontal	60	2.21
6665MHz	Pass	PK	7.1666G	61.13	88.20	-27.07	3	Horizontal	60	2.21
6665MHz	Pass	AV	13.33038G	46.69	54.00	-7.31	3	Vertical	345	1.50
6665MHz	Pass	PK	13.3343G	53.89	74.00	-20.11	3	Vertical	345	1.50
6665MHz	Pass	AV	13.33039G	46.89	54.00	-7.11	3	Horizontal	173	1.23
6665MHz	Pass	PK	13.33178G	54.04	74.00	-19.96	3	Horizontal	173	1.23
6825MHz Straddle 6.525-6.875GHz	Pass	AV	6.7962G	96.68	Inf	-Inf	3	Vertical	304	2.12
6825MHz Straddle 6.525-6.875GHz	Pass	AV	7.1306G	55.08	68.20	-13.12	3	Vertical	304	2.12
6825MHz Straddle 6.525-6.875GHz	Pass	PK	6.793G	105.98	Inf	-Inf	3	Vertical	304	2.12
6825MHz Straddle 6.525-6.875GHz	Pass	PK	7.129G	63.97	88.20	-24.23	3	Vertical	304	2.12
6825MHz Straddle 6.525-6.875GHz	Pass	AV	6.7994G	100.46	Inf	-Inf	3	Horizontal	59	2.14
6825MHz Straddle 6.525-6.875GHz	Pass	AV	7.129G	57.30	68.20	-10.90	3	Horizontal	59	2.14
6825MHz Straddle 6.525-6.875GHz	Pass	PK	6.8666G	109.22	Inf	-Inf	3	Horizontal	59	2.14
6825MHz Straddle 6.525-6.875GHz	Pass	PK	7.1258G	66.95	88.20	-21.25	3	Horizontal	59	2.14
6825MHz Straddle 6.525-6.875GHz	Pass	AV	13.6533G	47.44	68.20	-20.76	3	Vertical	39	2.06
6825MHz Straddle 6.525-6.875GHz	Pass	PK	13.65235G	55.81	88.20	-32.39	3	Vertical	39	2.06
6825MHz Straddle 6.525-6.875GHz	Pass	AV	13.65228G	47.60	68.20	-20.60	3	Horizontal	285	2.40
6825MHz Straddle 6.525-6.875GHz	Pass	PK	13.65292G	54.78	88.20	-33.42	3	Horizontal	285	2.40
6985MHz	Pass	AV	6.96G	97.77	Inf	-Inf	3	Vertical	313	2.19
6985MHz	Pass	AV	7.139G	67.98	68.20	-0.22	3	Vertical	313	2.19
6985MHz	Pass	PK	6.935G	106.51	Inf	-Inf	3	Vertical	313	2.19
6985MHz	Pass	PK	7.134G	77.33	88.20	-10.87	3	Vertical	313	2.19
6985MHz	Pass	AV	6.912G	100.23	Inf	-Inf	3	Horizontal	55	1.98

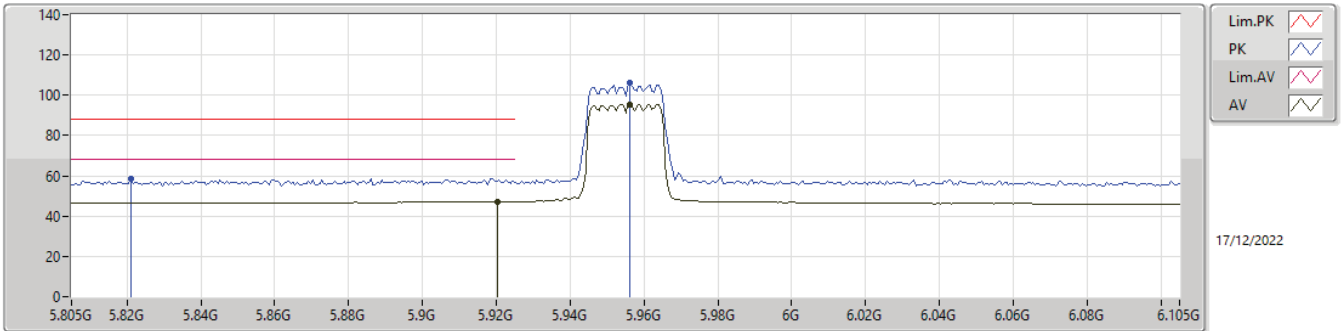


Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6985MHz	Pass	AV	7.131G	67.01	68.20	-1.19	3	Horizontal	55	1.98
6985MHz	Pass	PK	6.912G	109.05	Inf	-Inf	3	Horizontal	55	1.98
6985MHz	Pass	PK	7.136G	77.43	88.20	-10.77	3	Horizontal	55	1.98
6985MHz	Pass	AV	13.97039G	47.49	68.20	-20.71	3	Vertical	25	2.43
6985MHz	Pass	PK	13.96876G	55.23	88.20	-32.97	3	Vertical	25	2.43
6985MHz	Pass	AV	13.96704G	47.15	68.20	-21.05	3	Horizontal	64	2.30
6985MHz	Pass	PK	13.97386G	55.83	88.20	-32.37	3	Horizontal	64	2.30



5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

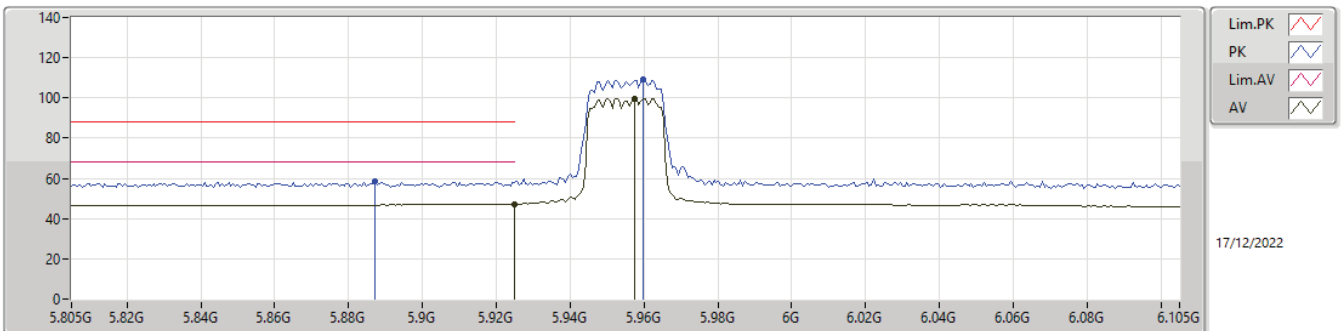
5955MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.9202G	47.32	68.20	-20.88	6.03	3	Vertical	341	2.97	41.29	34.30	6.26	34.53
AV	5.9562G	95.28	Inf	-Inf	6.05	3	Vertical	341	2.97	89.23	34.29	6.28	34.52
PK	5.8212G	58.59	88.20	-29.61	5.66	3	Vertical	341	2.97	52.93	33.98	6.21	34.53
PK	5.9562G	106.24	Inf	-Inf	6.05	3	Vertical	341	2.97	100.19	34.29	6.28	34.52

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5955MHz_TX

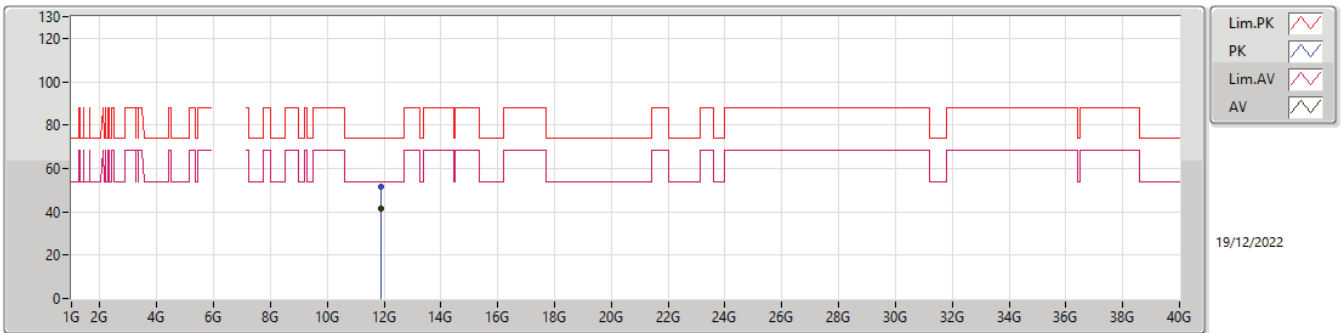


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.925G	47.37	68.20	-20.83	6.03	3	Horizontal	60	1.94	41.34	34.30	6.26	34.53
AV	5.9574G	99.87	Inf	-Inf	6.05	3	Horizontal	60	1.94	93.82	34.29	6.28	34.52
PK	5.8872G	58.64	88.20	-29.56	5.96	3	Horizontal	60	1.94	52.68	34.25	6.24	34.53
PK	5.9598G	109.36	Inf	-Inf	6.04	3	Horizontal	60	1.94	103.32	34.28	6.28	34.52



5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

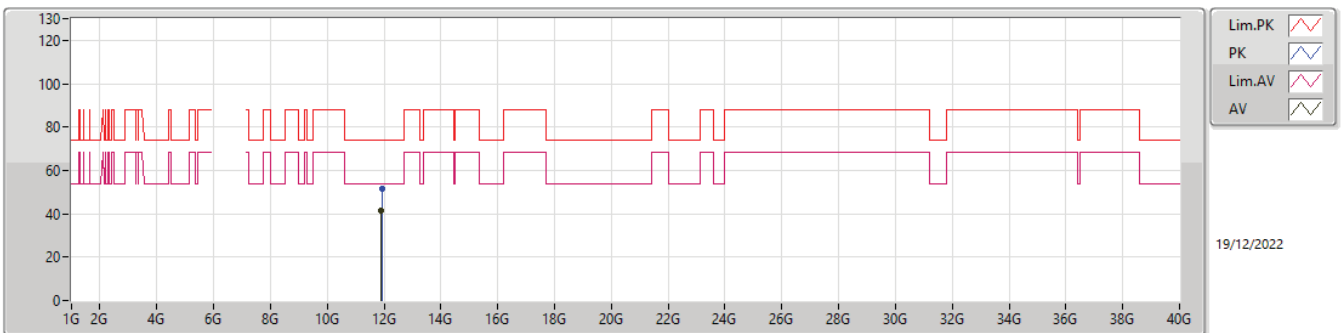
5955MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.9002G	41.53	54.00	-12.47	12.47	3	Vertical	314	1.31	29.06	38.50	8.67	34.70
PK	11.91394G	51.30	74.00	-22.70	12.50	3	Vertical	314	1.31	38.80	38.53	8.67	34.70

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5955MHz_TX

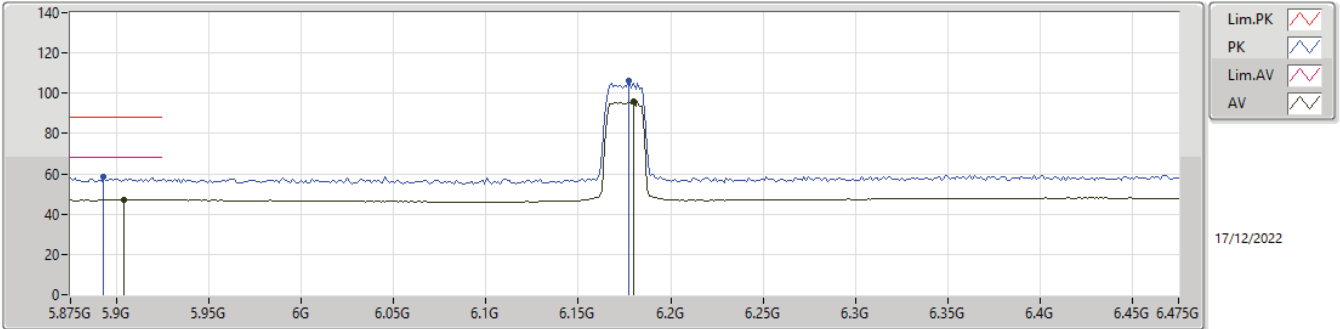


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.90106G	41.51	54.00	-12.49	12.47	3	Horizontal	196	2.21	29.04	38.50	8.67	34.70
PK	11.91838G	51.57	74.00	-22.43	12.52	3	Horizontal	196	2.21	39.05	38.54	8.68	34.70



5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

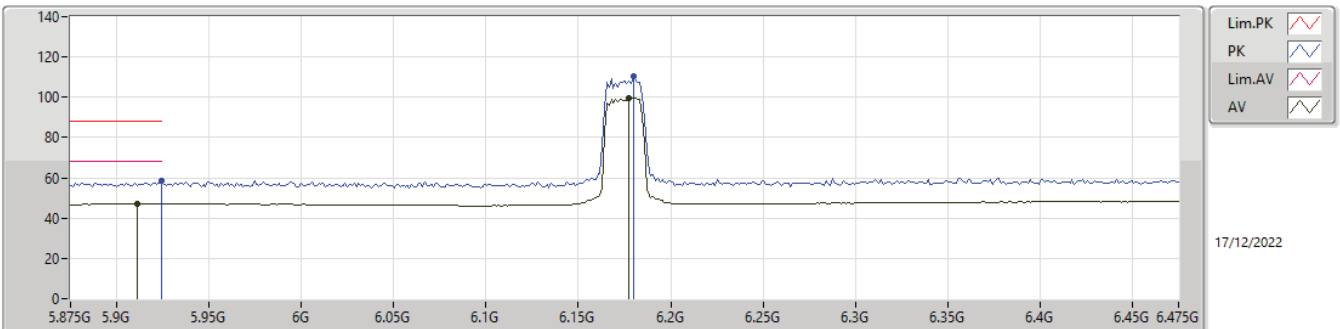
6175MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.9038G	47.04	68.20	-21.16	6.02	3	Vertical	307	2.00	41.02	34.30	6.25	34.53
AV	6.1798G	96.08	Inf	-Inf	6.06	3	Vertical	307	2.00	90.02	34.22	6.34	34.50
PK	5.893G	58.78	88.20	-29.42	5.99	3	Vertical	307	2.00	52.79	34.27	6.25	34.53
PK	6.1774G	105.92	Inf	-Inf	6.05	3	Vertical	307	2.00	99.87	34.21	6.34	34.50

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6175MHz_TX

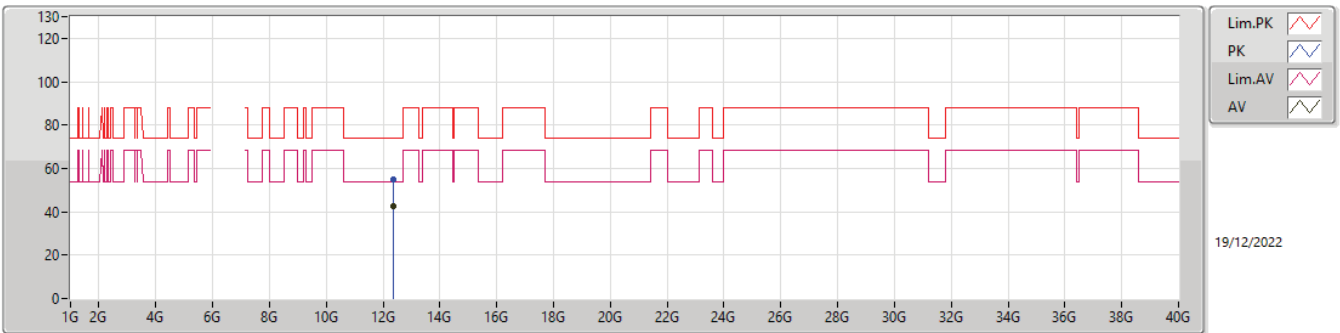


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.911G	47.06	68.20	-21.14	6.03	3	Horizontal	35	2.13	41.03	34.30	6.26	34.53
AV	6.1774G	99.46	Inf	-Inf	6.05	3	Horizontal	35	2.13	93.41	34.21	6.34	34.50
PK	5.9242G	58.37	88.20	-29.83	6.03	3	Horizontal	35	2.13	52.34	34.30	6.26	34.53
PK	6.1798G	110.43	Inf	-Inf	6.06	3	Horizontal	35	2.13	104.37	34.22	6.34	34.50



5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

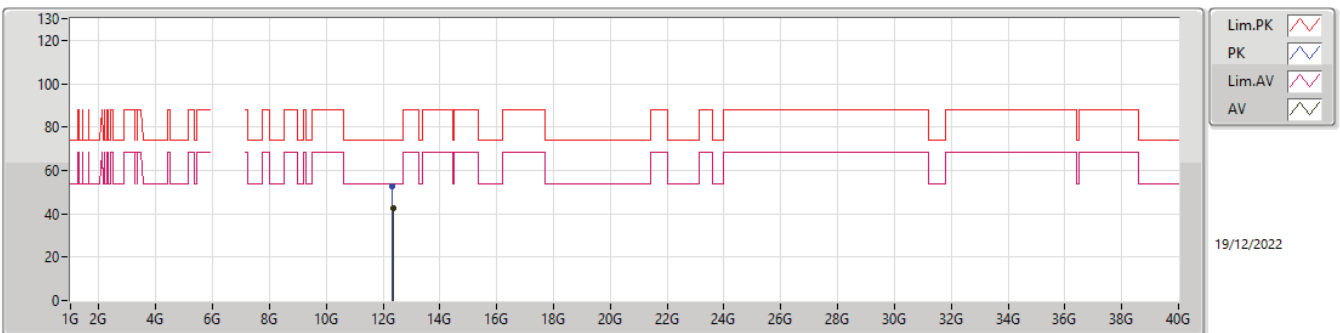
6175MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	12.34186G	42.37	54.00	-11.63	13.22	3	Vertical	156	1.74	29.15	38.90	8.81	34.49
PK	12.34206G	54.72	74.00	-19.28	13.22	3	Vertical	156	1.74	41.50	38.90	8.81	34.49

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6175MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	12.34244G	42.37	54.00	-11.63	13.22	3	Horizontal	272	1.86	29.15	38.90	8.81	34.49
PK	12.34012G	52.71	74.00	-21.29	13.22	3	Horizontal	272	1.86	39.49	38.90	8.81	34.49