



FCC Radio Test Report

FCC ID : TOR-C330
Equipment : Wireless Access Point
Brand Name : Arista
Model Name : C-330, C-330E
Applicant : Arista Networks, Inc.
5453 Great America Parkway,
Santa Clara, CA 95054 USA
Manufacturer : Arista Networks, Inc.
5453 Great America Parkway,
Santa Clara, CA 95054 USA
Standard : 47 CFR FCC Part 15.407

The product was received on Dec. 16, 2022, and testing was started from Dec. 24, 2022 and completed on Feb. 17, 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 variant 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

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History of this test report

Report No.	Version	Description	Issued Date
FR2D1412-01AN	01	Initial issue of report	May 29, 2023



Summary of Test Result

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

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
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
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5250-5350	n (HT40), ac (VHT40), ax (HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5250-5350	ac (VHT80), ax (HEW80)	5290	58 [1]
5470-5725		5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]
5150-5350	ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

Non-Beamforming_C-330_Radio 0

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



Non-Beamforming_C-330_Radio 3

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

Non-Beamforming_C-330E_Radio 0

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



Non-Beamforming_C-330E_Radio 3

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

Beamforming_C-330_Radio 0

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



Beamforming_C-330_Radio 3

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

Beamforming_C-330E_Radio 0

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



Beamforming_C-330E_Radio 3

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

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80, HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

C-330

Ant.	Brand	Model Name	Antenna Type	Connector	Remark
1	WHAYU	C393-510223-A	PIFA	I-PEX	Radio 3_2.4G+5G+6G
2	WHAYU	C393-510223-A	PIFA	I-PEX	Radio 1_2.4G+Radio 0_5G
3	WHAYU	C393-510223-A	PIFA	I-PEX	Radio 3_2.4G+5G+6G
4	WHAYU	C393-510223-A	PIFA	I-PEX	Radio 1_2.4G+ Radio 0_5G
5	WHAYU	C393-510223-A	PIFA	I-PEX	Radio 2_6G
6	WHAYU	C393-510223-A	PIFA	I-PEX	Radio 2_6G
7	WHAYU	C393-510223-A	Dipole	I-PEX	Radio 4_BT

Ant.	Gain (dBi)						
	Radio 0	Radio 1	Radio 2	Radio 3			Radio 4
	5G	2.4G	6G	2.4G	5G	6G	BT
1	-	-	-	4.7	6.4	6.3	-
2	2.48	1.31	-	-	-	-	-
3	-	-	-	4.2	6.4	6.1	-
4	4.29	1.14	-	-	-	-	-
5	-	-	5.79	-	-	-	-
6	-	-	5.88	-	-	-	-
7	-	-	-	-	-	-	4.6

Composite Gain (dBi)									
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	6.175G	6.475G	6.695G	6.995G
DG [1SS]	2.43	4.5	3.9	3.82	4.72	6.06	5.38	6.58	6.18
DG [2SS]	1.31	4.29	3.18	3.16	3.09	5.88	5.1	5.81	5.86

Note 1: The EUT has seven antennas.

For 2.4GHz function:

For IEEE 802.11 b/g/n/ax mode (2TX/2RX) (Radio 1)
 Ant. 2 and Ant. 4 could transmit/receive simultaneously.
 For IEEE 802.11 b/g/n/ax mode (2TX/2RX) (Radio 3)
 Ant. 1 and Ant. 3 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode (2TX/2RX) (Radio 0)
 Ant. 2 and Ant. 4 could transmit/receive simultaneously.
 For IEEE 802.11 a/n/ac/ax mode (2TX/2RX) (Radio 3)
 Ant. 1 and Ant. 3 could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX) (Radio 4)
 Ant. 7 could transmit/receive.



For 6GHz function:

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

Ant. 5 and Ant. 6 could transmit/receive simultaneously.

For IEEE 802.11 ax mode (2TX/2RX) (Radio 3)

Ant. 1 and Ant. 3 could transmit/receive simultaneously.

C-330E

Ant.	Brand	Model Name	Antenna Type	Connector	Remark
1	WHAYU	C393-510225-A	External Dipole	SMA	Radio 3_2.4G+5G
2	WHAYU	C393-510225-A	External Dipole	SMA	Radio 1_2.4G+Radio 0_5G
3	WHAYU	C393-510225-A	External Dipole	SMA	Radio 3_2.4G+5G
4	WHAYU	C393-510225-A	External Dipole	SMA	Radio 1_2.4G+ Radio 0_5G
5	WHAYU	C393-510225-A	Dipole	I-PEX	Radio 4_BT

Ant.	Gain (dBi)				
	Radio 0	Radio 1	Radio 3		Radio 4
	5G	2.4G	2.4G	5G	BT
1	-	-	5.2	5.6	-
2	5.9	4.9	-	-	-
3	-	-	4.7	6.6	-
4	5.6	4.4	-	-	-
5	-	-	-	-	4.6

For 2.4GHz function:

For IEEE 802.11 b/g/n/ax mode (2TX/2RX) (Radio 1)

Ant. 2 and Ant. 4 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/ax mode (2TX/2RX) (Radio 3)

Ant. 1 and Ant. 3 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode (2TX/2RX) (Radio 0)

Ant. 2 and Ant. 4 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax mode (2TX/2RX) (Radio 3)

Ant. 1 and Ant. 3 could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX) (Radio 4)

Ant. 5 could transmit/receive.



1.1.3 EUT Information

Operational Condition				
EUT Power Type	From PoE			
EUT Function	<input type="checkbox"/>	Outdoor AP	<input checked="" type="checkbox"/>	Indoor AP (Radio 0)
	<input type="checkbox"/>	Fixed P2P AP	<input checked="" type="checkbox"/>	Client (Radio 3)
	<input type="checkbox"/>	OEM Device installed in vehicle		
Beamforming Function	<input checked="" type="checkbox"/>	With beamforming	<input type="checkbox"/>	Without beamforming
TPC Function	<input checked="" type="checkbox"/>	With TPC Function	<input type="checkbox"/>	Without TPC Function
Weather Band	<input checked="" type="checkbox"/>	With 5600~5650MHz	<input type="checkbox"/>	Without 5600~5650MHz
Resource Unit(802.11ax)	<input checked="" type="checkbox"/>	Full RU	<input type="checkbox"/>	Partial RU
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:			



1.1.4 Mode Test Duty Cycle

Non-Beamforming_C-330_Radio 0

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_2TX	0.949	0.23	1.978m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.801	0.96	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.799	0.97	5.446m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.799	0.97	5.446m	300

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

Non-Beamforming_C-330_Radio 3

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_2TX	0.948	0.23	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.791	1.02	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.789	1.03	5.446m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.789	1.03	5.446m	300
802.11ax HEW160_Nss1,(MCS0)_2TX	0.792	1.01	5.445m	300

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

Non-Beamforming_C-330E_Radio 0

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_2TX	0.943	0.25	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.799	0.97	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.799	0.97	5.446m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.798	0.98	5.446m	300

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

Non-Beamforming_C-330E_Radio 3

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_2TX	0.948	0.23	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.791	1.02	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.789	1.03	5.446m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.789	1.03	5.446m	300
802.11ax HEW160_Nss1,(MCS0)_2TX	0.788	1.03	5.445m	300

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

Beamforming_C-330_Radio 0

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.801	0.96	5.446m	300
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.799	0.97	5.446m	300
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.799	0.97	5.446m	300

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



Beamforming_C-330_Radio 3

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF-BF_Nss1,(MCS0)_2TX	0.791	1.02	5.446m	300
802.11ax HEW40-BF-BF_Nss1,(MCS0)_2TX	0.789	1.03	5.446m	300
802.11ax HEW80-BF-BF_Nss1,(MCS0)_2TX	0.789	1.03	5.446m	300
802.11ax HEW160-BF-BF_Nss1,(MCS0)_2TX	0.792	1.01	5.445m	300

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

Beamforming_C-330E_Radio 0

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.799	0.97	5.446m	300
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.799	0.97	5.446m	300
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.798	0.98	5.446m	300

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

Beamforming_C-330E_Radio 3

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.791	1.02	5.446m	300
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.789	1.03	5.446m	300
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.789	1.03	5.446m	300
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	0.788	1.03	5.445m	300

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

1.1.5 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

Model Name	Antenna	Description
C-330	Internal	Same PCBA, only different in housing and antenna.
C-330E	External	

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR2D1412AN

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
Frequency bands U-NII-2A and U-NII-2C were added	Emission Bandwidth, Maximum Conducted Output Power, Peak Power Spectral Density and Unwanted Emissions above 1GHz were evaluated



1.2 Testing Applied Standards

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

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

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

- ◆ KDB 662911 D01 v02r01
- ◆ KDB 662911 D03 v01
- ◆ 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
RF Conducted	TH07-HY	Yuna Lin	22.1~24.6°C / 52~60%	03/Jan/2023~17/Feb/2023
Radiated(C-330E)	03CH02-HY	Jack Tang	19.4~21.7°C / 63~68%	04/Jan/2023~13/Feb/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(C-330)	03CH09-HY	Lego Lin	21.5~23.7°C / 59~65%	24/Dec/2022~10/Feb/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
Emission Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	qdart_conn.win.1.0_installer_00095.1
-----------------------	--------------------------------------

Non-Beamforming_C-330_Radio 0

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	18
5300MHz	18
5320MHz	18
5500MHz	18
5580MHz	18
5700MHz	18
5720MHz Straddle 5.47-5.725GHz	18
5720MHz Straddle 5.725-5.85GHz	18
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	18
5300MHz	18
5320MHz	18
5500MHz	18
5580MHz	18
5700MHz	18
5720MHz Straddle 5.47-5.725GHz	18
5720MHz Straddle 5.725-5.85GHz	18
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	18
5310MHz	18
5510MHz	18
5550MHz	18
5670MHz	18
5710MHz Straddle 5.47-5.725GHz	18
5710MHz Straddle 5.725-5.85GHz	18
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	17.5
5530MHz	17.5
5610MHz	18
5690MHz Straddle 5.47-5.725GHz	18
5690MHz Straddle 5.725-5.85GHz	18



Non-Beamforming_C-330_Radio 3

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	16.5
5300MHz	16.5
5320MHz	16
5500MHz	16.5
5580MHz	16.5
5700MHz	16
5720MHz Straddle 5.47-5.725GHz	16
5720MHz Straddle 5.725-5.85GHz	16
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	17
5300MHz	17
5320MHz	16.5
5500MHz	16
5580MHz	16.5
5700MHz	15
5720MHz Straddle 5.47-5.725GHz	16.5
5720MHz Straddle 5.725-5.85GHz	16.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	17.5
5310MHz	15
5510MHz	15
5550MHz	17.5
5670MHz	16.5
5710MHz Straddle 5.47-5.725GHz	17.5
5710MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	15
5530MHz	15
5610MHz	17.5
5690MHz Straddle 5.47-5.725GHz	17.5
5690MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	14.5
5250MHz Straddle 5.25-5.35GHz	14.5
5570MHz	16



Non-Beamforming_C-330E_Radio 0

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	17.5
5300MHz	17.5
5320MHz	17.5
5500MHz	17
5580MHz	17.5
5700MHz	17.5
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	18
5300MHz	18
5320MHz	18
5500MHz	18
5580MHz	18
5700MHz	18
5720MHz Straddle 5.47-5.725GHz	18
5720MHz Straddle 5.725-5.85GHz	18
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	18
5310MHz	18
5510MHz	17.5
5550MHz	18
5670MHz	18
5710MHz Straddle 5.47-5.725GHz	18
5710MHz Straddle 5.725-5.85GHz	18
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	17.5
5530MHz	17.5
5610MHz	18
5690MHz Straddle 5.47-5.725GHz	18
5690MHz Straddle 5.725-5.85GHz	18



Non-Beamforming_C-330E_Radio 3

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	17
5300MHz	17
5320MHz	16.5
5500MHz	17
5580MHz	17
5700MHz	16
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	17.5
5300MHz	17.5
5320MHz	16.5
5500MHz	16.5
5580MHz	17.5
5700MHz	15.5
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	17.5
5310MHz	16
5510MHz	15.5
5550MHz	17.5
5670MHz	17.5
5710MHz Straddle 5.47-5.725GHz	17.5
5710MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	16
5530MHz	15
5610MHz	17.5
5690MHz Straddle 5.47-5.725GHz	17.5
5690MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	16
5250MHz Straddle 5.25-5.35GHz	16
5570MHz	16



Beamforming_C-330_Radio 0

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	18
5300MHz	18
5320MHz	18
5500MHz	18
5580MHz	18
5700MHz	18
5720MHz Straddle 5.47-5.725GHz	18
5720MHz Straddle 5.725-5.85GHz	18
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	18
5310MHz	18
5510MHz	18
5550MHz	18
5670MHz	18
5710MHz Straddle 5.47-5.725GHz	18
5710MHz Straddle 5.725-5.85GHz	18
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	17.5
5530MHz	17.5
5610MHz	18
5690MHz Straddle 5.47-5.725GHz	18
5690MHz Straddle 5.725-5.85GHz	18



Beamforming_C-330_Radio 3

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	16
5300MHz	16
5320MHz	16
5500MHz	16
5580MHz	16.5
5700MHz	15
5720MHz Straddle 5.47-5.725GHz	15.5
5720MHz Straddle 5.725-5.85GHz	15.5
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	17
5310MHz	15
5510MHz	15
5550MHz	17
5670MHz	16.5
5710MHz Straddle 5.47-5.725GHz	17.5
5710MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	15
5530MHz	15
5610MHz	16.5
5690MHz Straddle 5.47-5.725GHz	17
5690MHz Straddle 5.725-5.85GHz	17
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	14.5
5250MHz Straddle 5.25-5.35GHz	14.5
5570MHz	16



Beamforming_C-330E_Radio 0

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	17.5
5300MHz	18
5320MHz	18
5500MHz	17
5580MHz	18
5700MHz	17.5
5720MHz Straddle 5.47-5.725GHz	18
5720MHz Straddle 5.725-5.85GHz	18
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	17
5310MHz	17
5510MHz	16.5
5550MHz	17
5670MHz	17
5710MHz Straddle 5.47-5.725GHz	17.5
5710MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	17.5
5530MHz	17
5610MHz	18
5690MHz Straddle 5.47-5.725GHz	17.5
5690MHz Straddle 5.725-5.85GHz	17.5






Beamforming_C-330E_Radio 3

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	16.5
5300MHz	16.5
5320MHz	16
5500MHz	16.5
5580MHz	16.5
5700MHz	15.5
5720MHz Straddle 5.47-5.725GHz	16.5
5720MHz Straddle 5.725-5.85GHz	16.5
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	17.5
5310MHz	16
5510MHz	15.5
5550MHz	17.5
5670MHz	17
5710MHz Straddle 5.47-5.725GHz	17.5
5710MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	16
5530MHz	15
5610MHz	17
5690MHz Straddle 5.47-5.725GHz	17.5
5690MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	16
5250MHz Straddle 5.25-5.35GHz	16
5570MHz	16

2.2 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests (C-330)	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Radio 0+Radio 1+Radio 2+Radio 3 (2.4GHz WLAN)+Bluetooth
2	Radio 0+Radio 1+Radio 2+Radio 3 (5GHz WLAN)+Bluetooth
3	Radio 0+Radio 1+Radio 2+Radio 3 (6GHz WLAN)+Bluetooth
Refer to Sporton Test Report No.: FA2D1412-01 for Co-location RF Exposure Evaluation.	

The Worst Case Mode for Following Conformance Tests (C-330E)	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Radio 0+Radio 1+Radio 2+Radio 3 (2.4GHz WLAN)+Bluetooth
2	Radio 0+Radio 1+Radio 2+Radio 3 (5GHz WLAN)+Bluetooth
Refer to Sporton Test Report No.: FA2D1412-01 for Co-location RF Exposure Evaluation.	



2.3 Accessories

Accessories					
Ceiling	Brand Name	ARISTA	Model Name	MNT-AP-15MM	

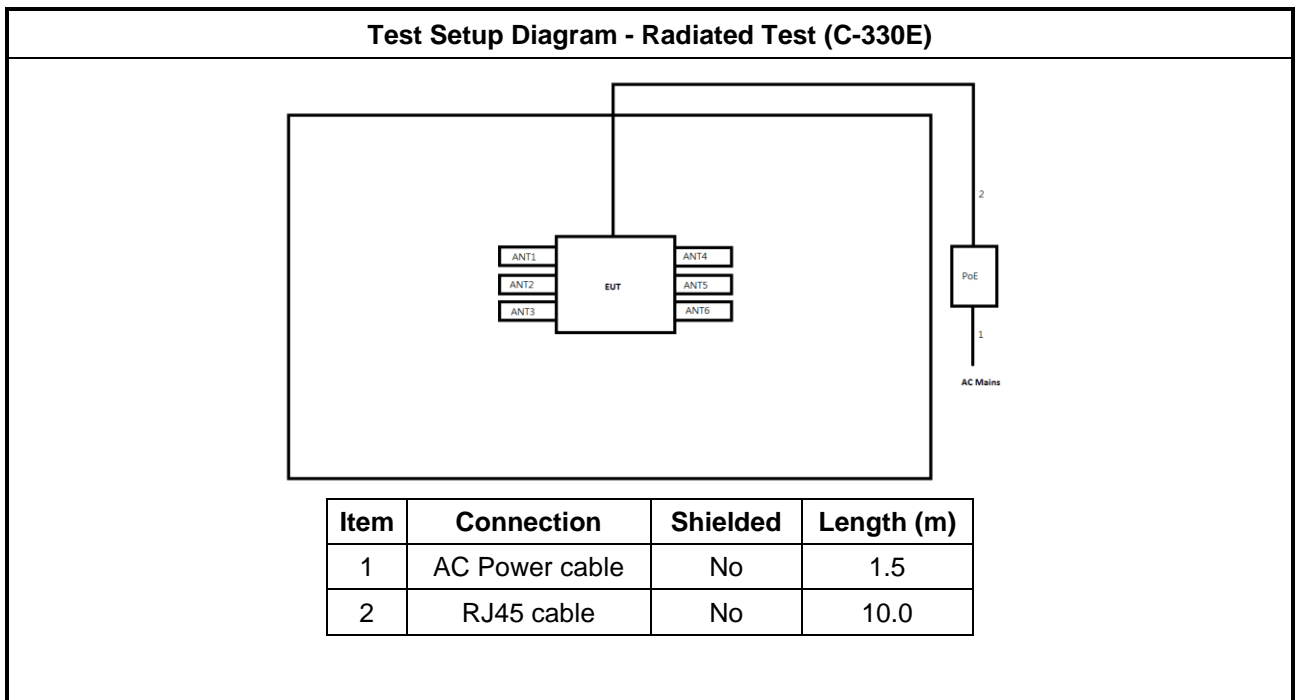
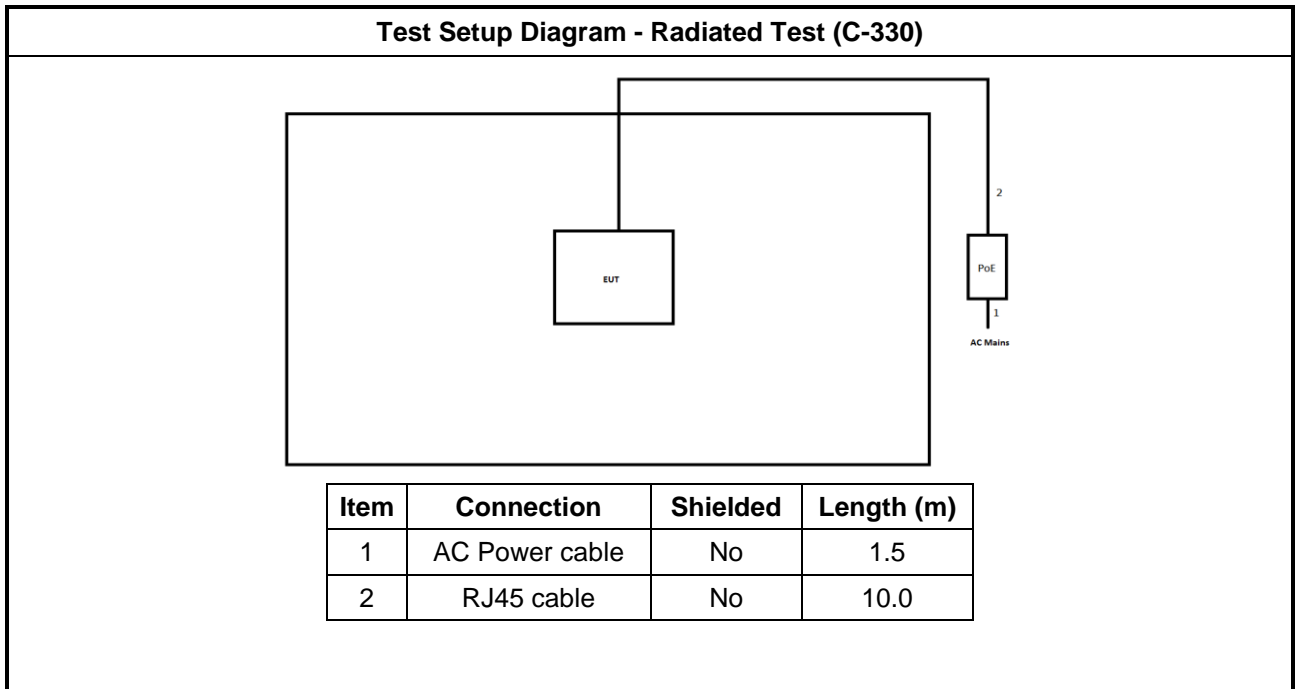
Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

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	AC Power cable	Power Sync	TPCMRN0018	-	-
2	PoE	GRT	GRT-480125A	-	Remote
3	RJ45 cable	Power sync	CAT-6E-10	-	-

2.5 Test Setup Diagram



3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
<input checked="" type="checkbox"/>	For the 5.15-5.25 GHz band, N/A
<input checked="" type="checkbox"/>	For the 5.25-5.35 GHz band, N/A
<input checked="" type="checkbox"/>	For the 5.47-5.725 GHz band, N/A
<input checked="" type="checkbox"/>	For the 5.725-5.85 GHz band, 6 dB emission bandwidth \geq 500kHz.

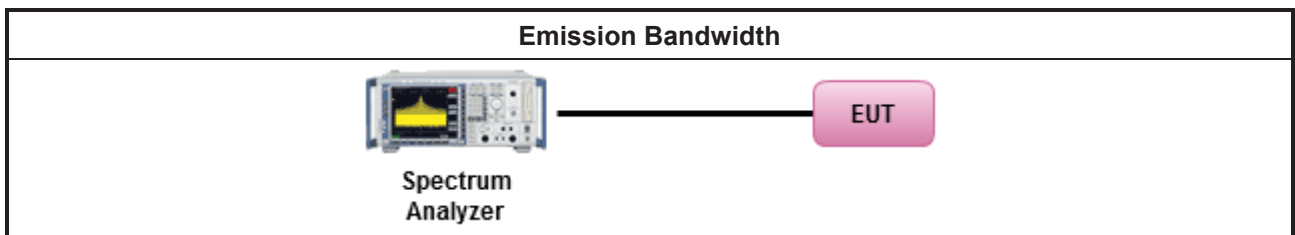
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below: 	
<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.

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> ▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees $\leq 125mW$ [21dBm]
	<ul style="list-style-type: none"> ▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$
	<ul style="list-style-type: none"> ▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$.
	<ul style="list-style-type: none"> ▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
<input checked="" type="checkbox"/> For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$.
	<ul style="list-style-type: none"> ▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.2.2 Measuring Instruments

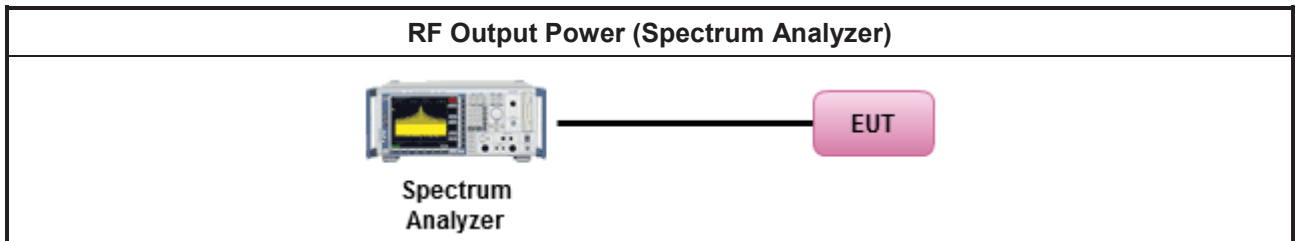
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

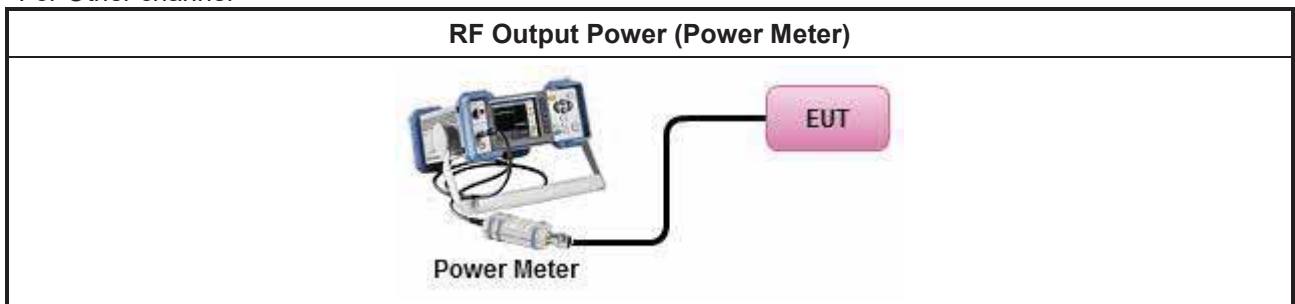
Test Method	
<ul style="list-style-type: none"> Maximum Conducted Output Power 	
<ul style="list-style-type: none"> Duty cycle $\geq 98\%$ <ul style="list-style-type: none"> <input type="checkbox"/> Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging). Duty cycle $< 98\%$ <ul style="list-style-type: none"> <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	
<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Refer as KDB 789033, clause E Method PM (using an RF average power meter). 	
<ul style="list-style-type: none"> For conducted measurement. <ul style="list-style-type: none"> If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them. If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$ 	

3.2.4 Test Setup

For Straddle channel



For Other channel



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B



3.3 Peak Power Spectral Density

3.3.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> ▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. ▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. ▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$. ▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
<input checked="" type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. ▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
<p>PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz</p> <p>G_{TX} = the maximum transmitting antenna directional gain in dBi.</p>	

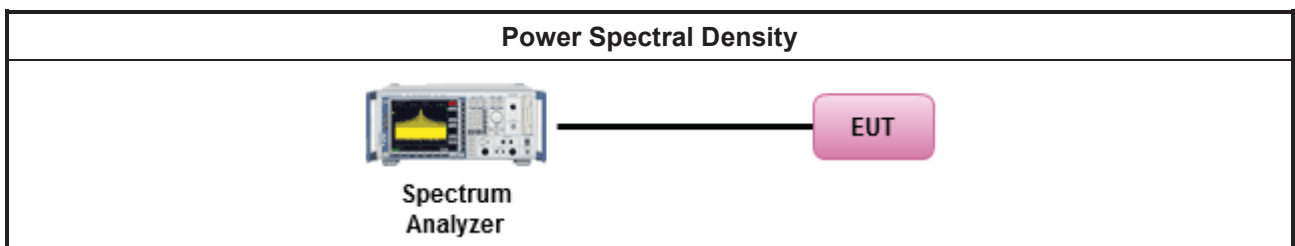
3.3.2 Measuring Instruments

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"> ▪ 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, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
Duty cycle ≥ 98%	
<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)
<ul style="list-style-type: none"> ▪ For conducted measurement. 	
<ul style="list-style-type: none"> ▪ If the EUT supports multiple transmit chains using options given below: <ul style="list-style-type: none"> ▪ Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace. ▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$ 	

3.3.4 Test Setup



3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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



3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

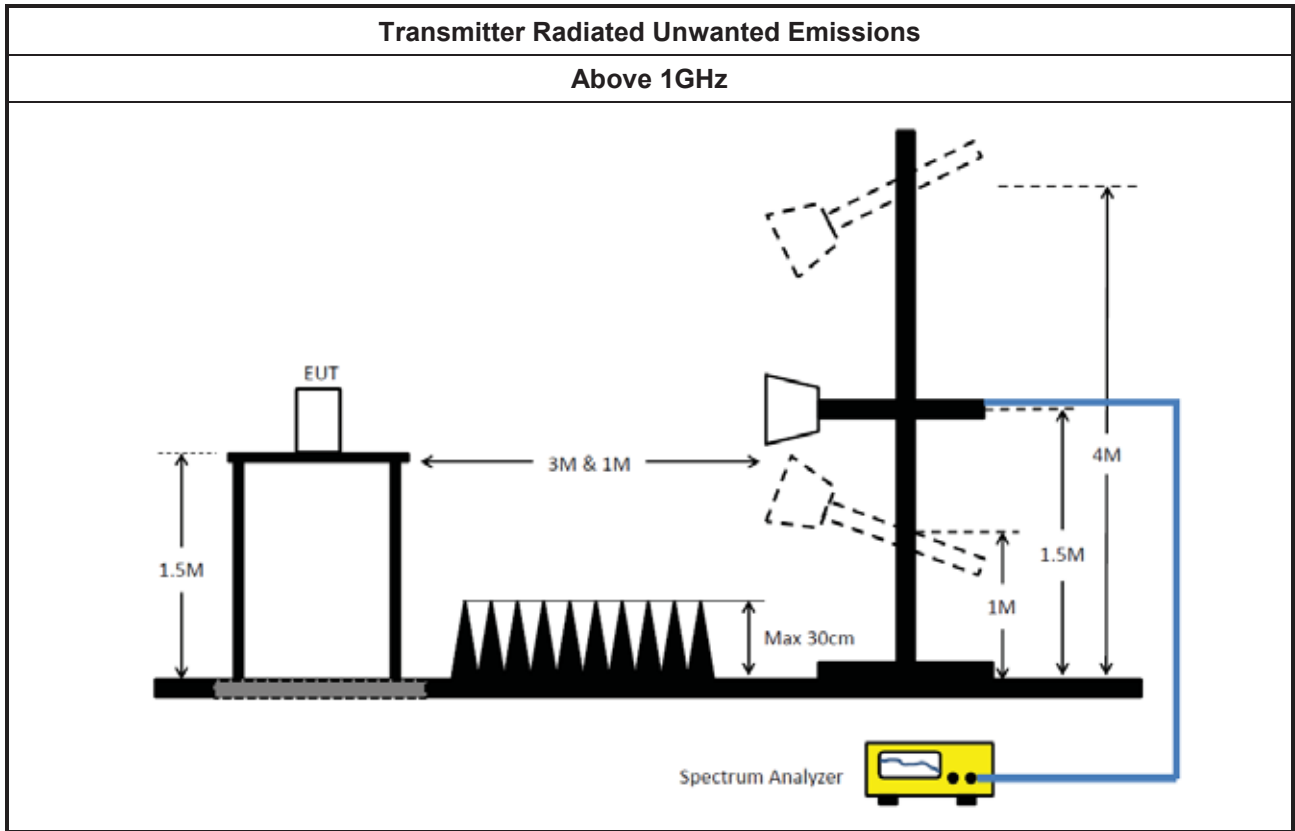
Test Method	
	<ul style="list-style-type: none"> Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance 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. Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands. <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW. <input checked="" type="checkbox"/> Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
	<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. Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m. Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	<ul style="list-style-type: none"> The any unwanted emissions level shall not exceed the fundamental emission level. All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
	<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. 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. <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. Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

3.4.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.4.5 Test Setup



3.4.6 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.

3.4.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D



4 Test Equipment and Calibration Data

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	14/Feb/2022	13/Feb/2023
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	10/Nov/2022	09/Nov/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2022	20/Oct/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	V5.11.2	N/A	N/A	N/A	N/A

Instrument for Radiated Test (03CH09-HY)

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 Preamp	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
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1534	1GHz~18GHz	10/Mar/2022	09/Mar/2023
RF Cable-low	Jye Bao	RG142	03CH09-cable-01	9kHz~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 Prempifier	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	02/Nov/2022	01/Nov/2023
SENSE-15407-NII	Sporton	NA	5.11	NA	NA	NA



Instrument for Radiated Test (03CH02-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	31/Jul/2022	30/Jul/2023
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	30/Jul/2022	29/Jul/2023
Signal Analyzer	R&S	FSP 40	100305	9kHz~40GHz	21/Mar/2022	20/Mar/2023
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	28/Jun/2022	27/Jun/2023
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	02/Nov/2022	01/Nov/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz ~18GHz	27/Sep/2022	26/Sep/2023
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	28/Aug/2022	27/Aug/2023
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	04/May/2022	03/May/2023
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	04/May/2022	03/May/2023
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	03CH02-cable-01	1GHz~40GHz	20/Dec/2022	19/Dec/2023
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	03CH02-cable-01	1GHz~40GHz	10/Feb/2023	09/Feb/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Prempplier	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	30/May/2022	29/May/2023
SENSE-15407_NII	Sporton	V5.11	N/A	N/A	N/A	N/A



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.46M	16.382M	16M4D1D	19.635M	16.36M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.67M	18.941M	18M9D1D	21.12M	18.866M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.25M	37.731M	37M7D1D	40.7M	37.681M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.5M	77.161M	77M2D1D	82.28M	77.061M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.68M	16.404M	16M4D1D	14.49M	13.163M
802.11ax HEW20_Nss1,(MCS0)_2TX	22M	18.941M	18M9D1D	15.9M	14.468M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.25M	37.831M	37M8D1D	35.455M	33.723M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.5M	77.161M	77M2D1D	76.2M	73.088M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.12M	3.738M	3M74D1D	3.12M	3.658M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.46M	4.578M	4M58D1D	4.38M	4.558M
802.11ax HEW40_Nss1,(MCS0)_2TX	4.08M	4.898M	4M90D1D	4.04M	4.298M
802.11ax HEW80_Nss1,(MCS0)_2TX	4.08M	4.478M	4M48D1D	3.94M	4.198M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	20.02M	16.382M	20.46M	16.382M
5300MHz	Pass	Inf	19.91M	16.36M	19.635M	16.382M
5320MHz	Pass	Inf	20.075M	16.382M	20.295M	16.382M
5500MHz	Pass	Inf	20.35M	16.36M	20.57M	16.36M
5580MHz	Pass	Inf	20.02M	16.36M	20.35M	16.36M
5700MHz	Pass	Inf	20.295M	16.382M	20.68M	16.404M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.49M	13.163M	14.895M	13.193M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.658M	3.12M	3.738M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.175M	18.941M	21.12M	18.891M
5300MHz	Pass	Inf	21.67M	18.916M	21.285M	18.916M
5320MHz	Pass	Inf	21.45M	18.916M	21.395M	18.866M
5500MHz	Pass	Inf	21.285M	18.916M	21.395M	18.866M
5580MHz	Pass	Inf	21.34M	18.916M	21.56M	18.941M
5700MHz	Pass	Inf	21.45M	18.916M	22M	18.916M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.17M	14.468M	15.9M	14.483M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.46M	4.578M	4.38M	4.558M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.7M	37.731M	41.25M	37.731M
5310MHz	Pass	Inf	41.14M	37.731M	41.14M	37.681M
5510MHz	Pass	Inf	41.14M	37.731M	40.7M	37.681M
5550MHz	Pass	Inf	41.03M	37.781M	41.03M	37.681M
5670MHz	Pass	Inf	41.25M	37.831M	41.25M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.455M	33.723M	35.805M	33.793M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.04M	4.298M	4.08M	4.898M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.5M	77.161M	82.28M	77.061M
5530MHz	Pass	Inf	81.62M	77.161M	82.06M	77.061M
5610MHz	Pass	Inf	82.5M	77.161M	82.28M	77.161M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.2M	73.088M	76.275M	73.088M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.198M	4.08M	4.478M

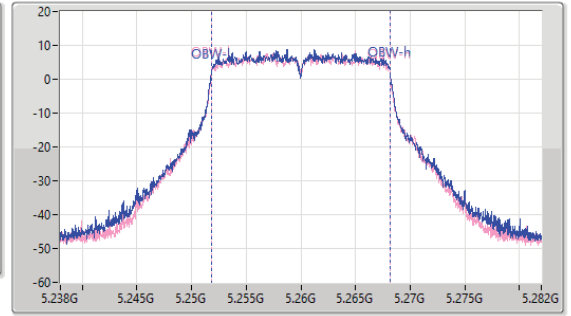
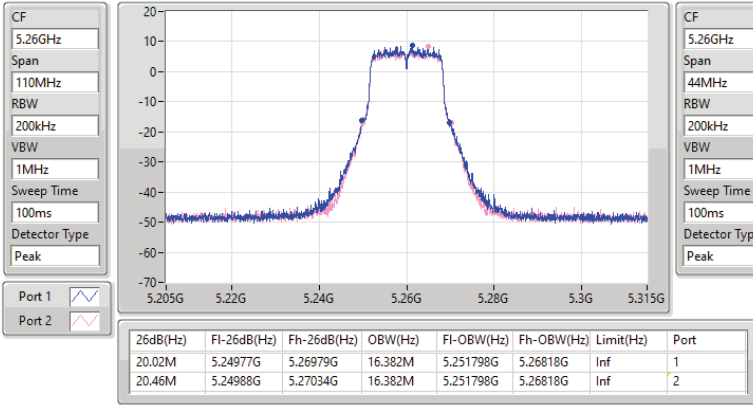
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5260MHz

05/01/2023

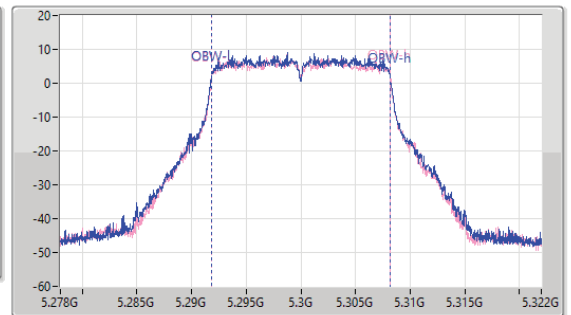
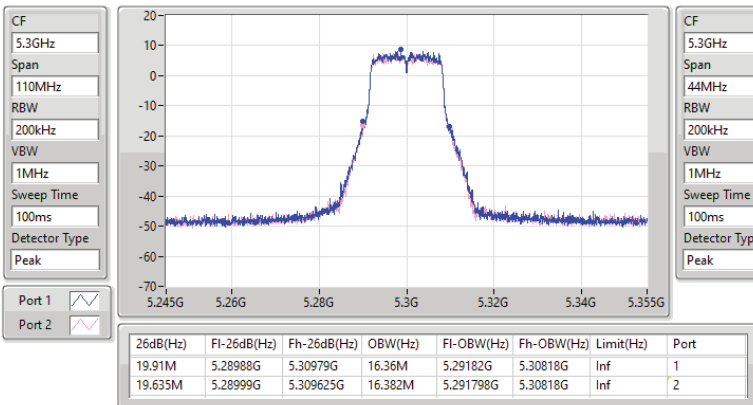


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

05/01/2023

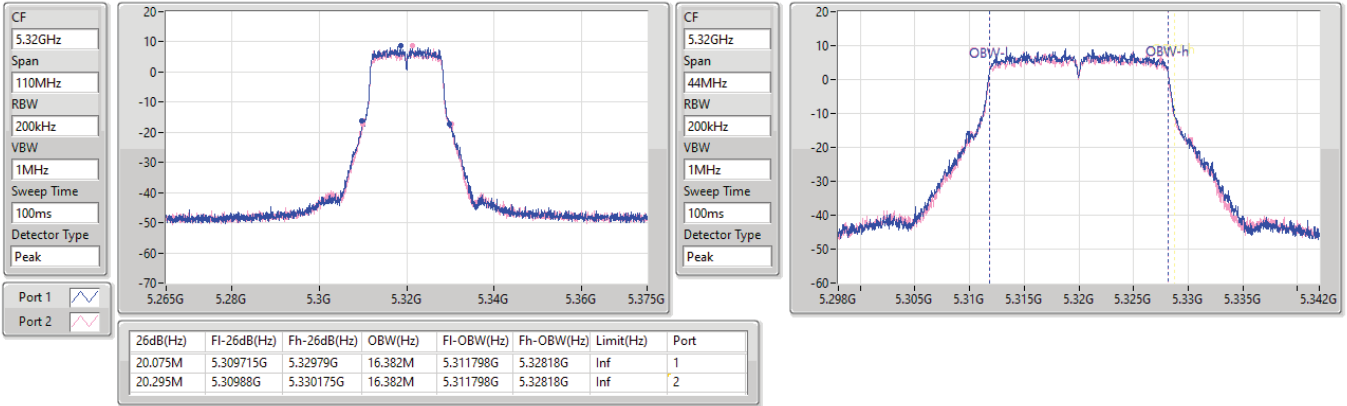


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

05/01/2023

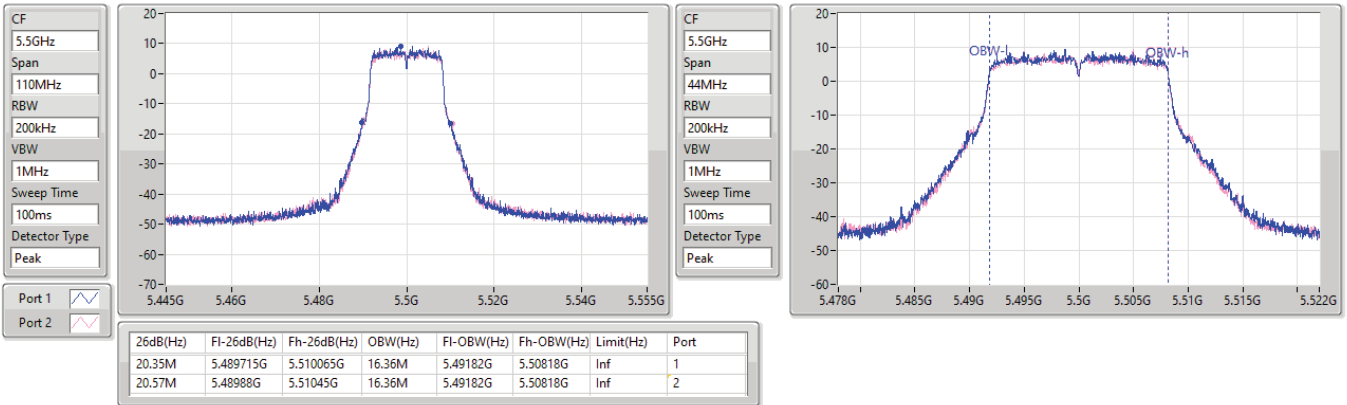


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

05/01/2023



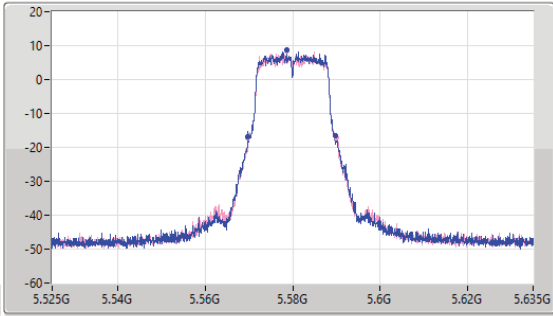
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

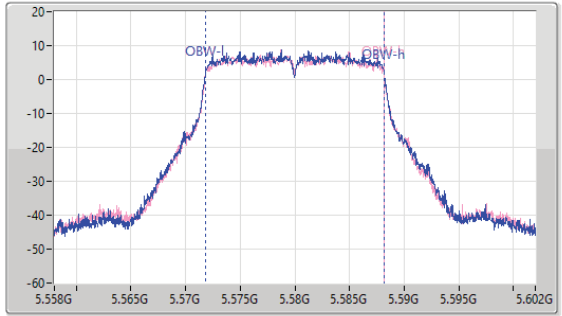
5580MHz

05/01/2023

CF: 5.58GHz
 Span: 110MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.58GHz
 Span: 44MHz
 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
20.02M	5.569715G	5.589735G	16.36M	5.57182G	5.58818G	Inf	1
20.35M	5.56977G	5.59012G	16.36M	5.57182G	5.58818G	Inf	2

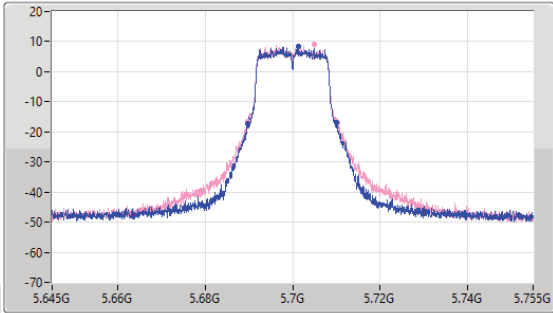
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

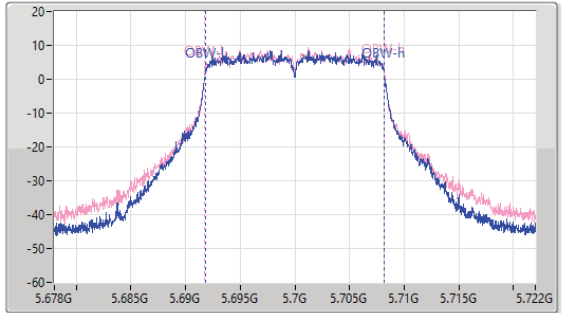
5700MHz

05/01/2023

CF: 5.7GHz
 Span: 110MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.7GHz
 Span: 44MHz
 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
20.295M	5.689715G	5.71001G	16.382M	5.691798G	5.70818G	Inf	1
20.68M	5.689715G	5.710395G	16.404M	5.691776G	5.70818G	Inf	2

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

EBW

5720MHz Straddle 5.47-5.725GHz

05/01/2023

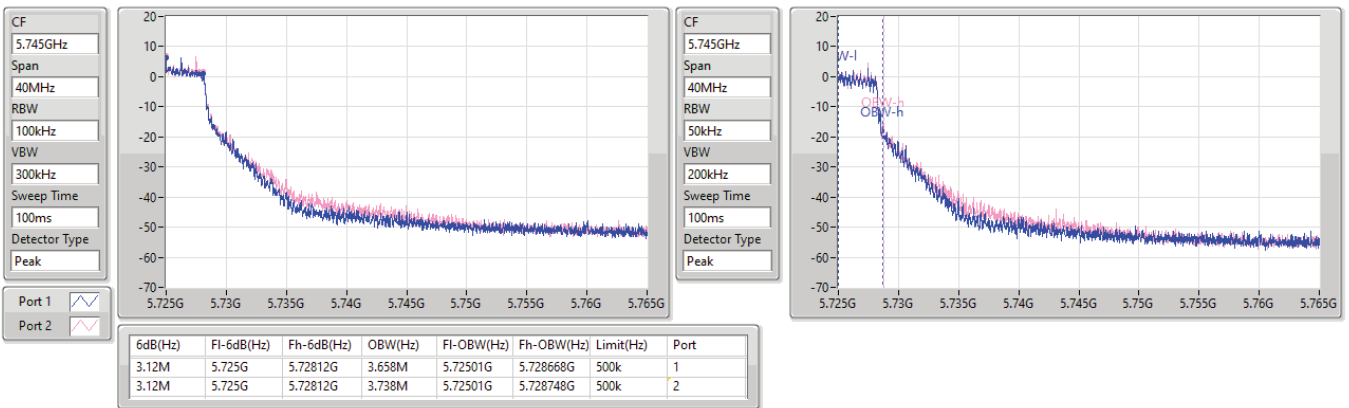


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

05/01/2023

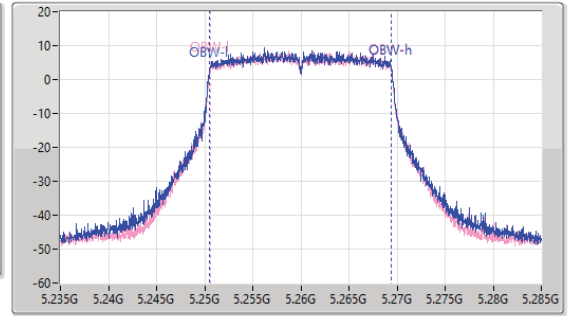
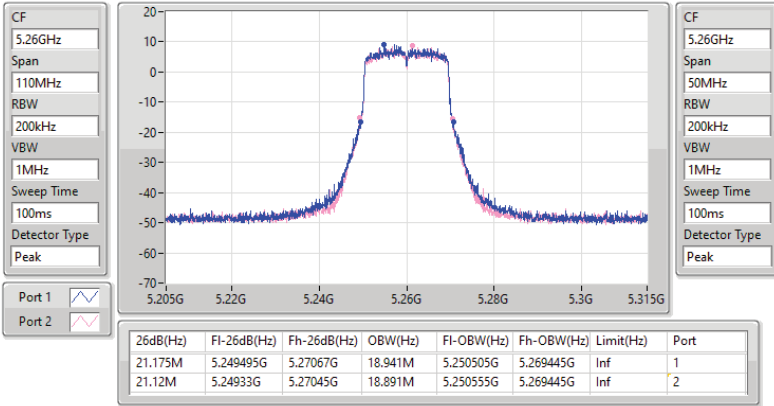


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5260MHz

05/01/2023

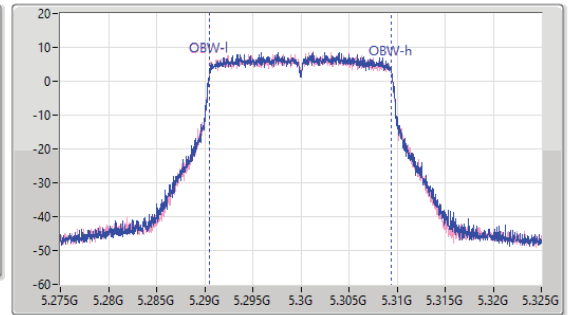
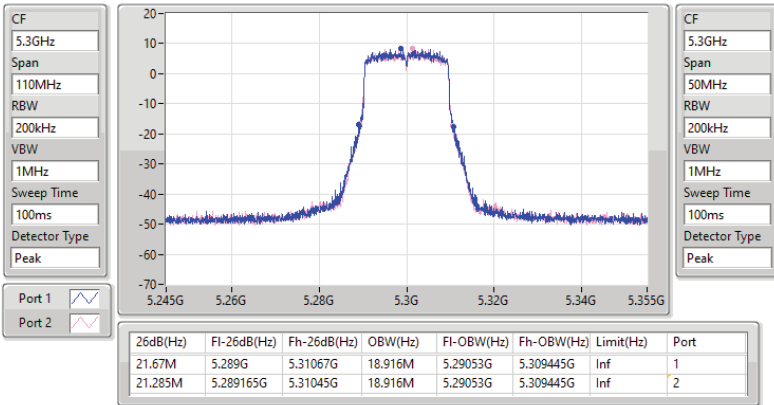


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5300MHz

05/01/2023

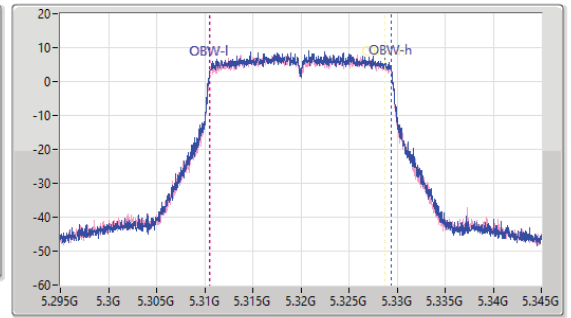
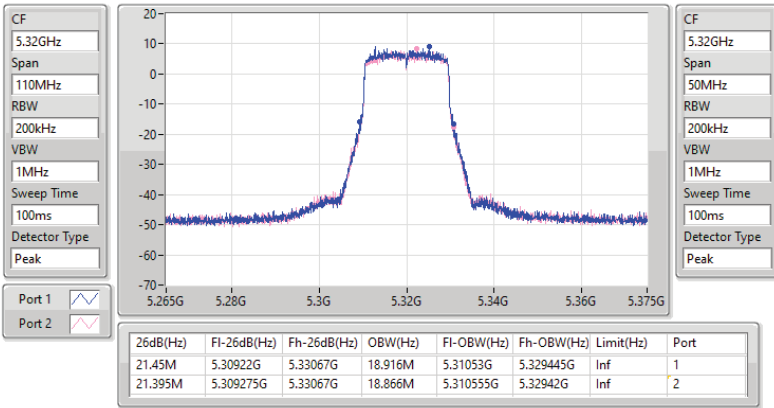


5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5320MHz

05/01/2023

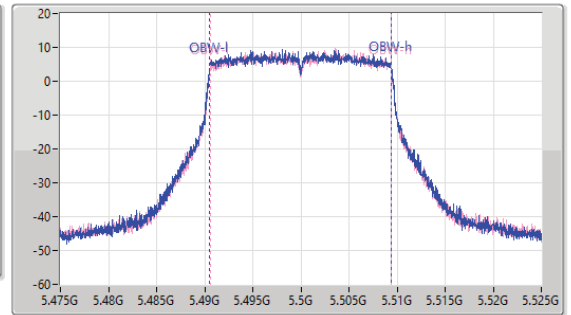
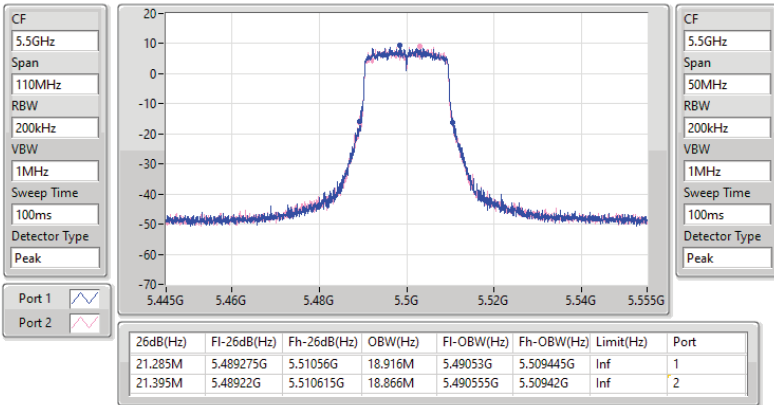


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5500MHz

05/01/2023

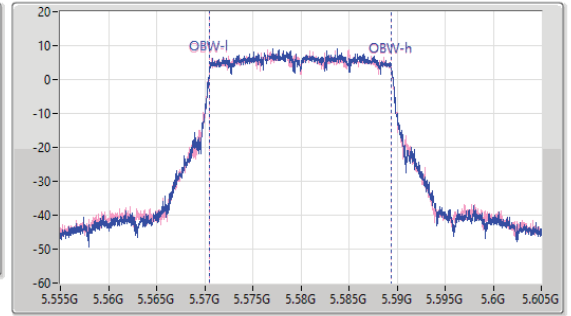
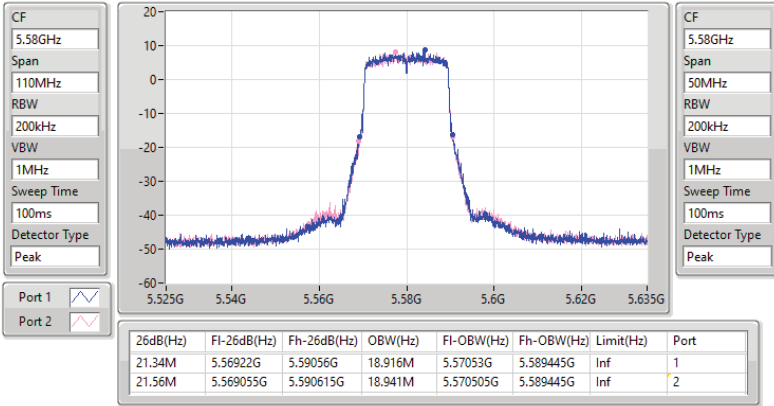


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5580MHz

05/01/2023

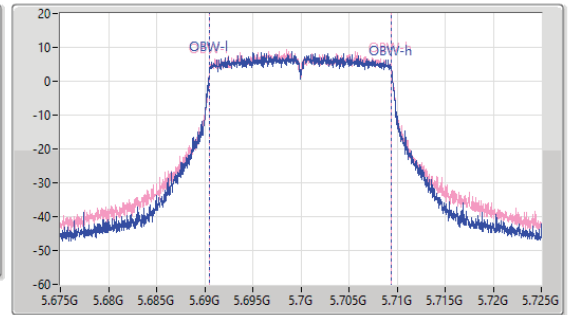
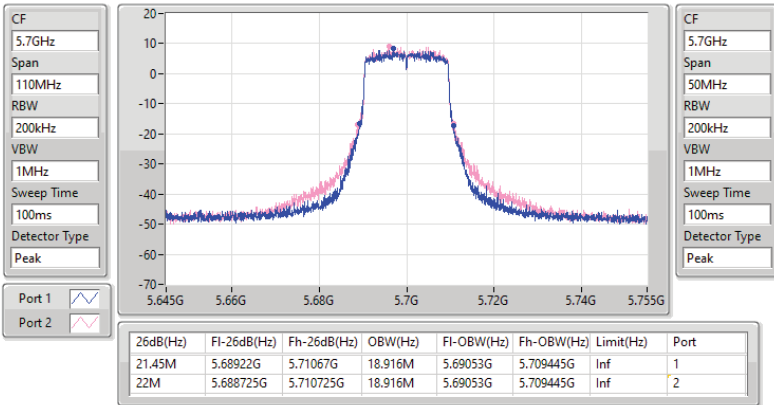


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5700MHz

05/01/2023

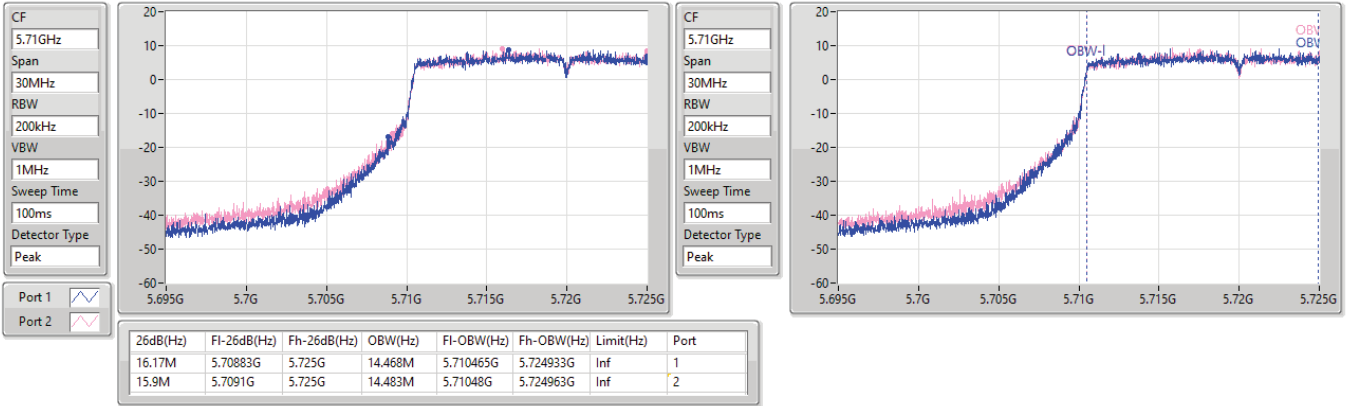


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

05/01/2023

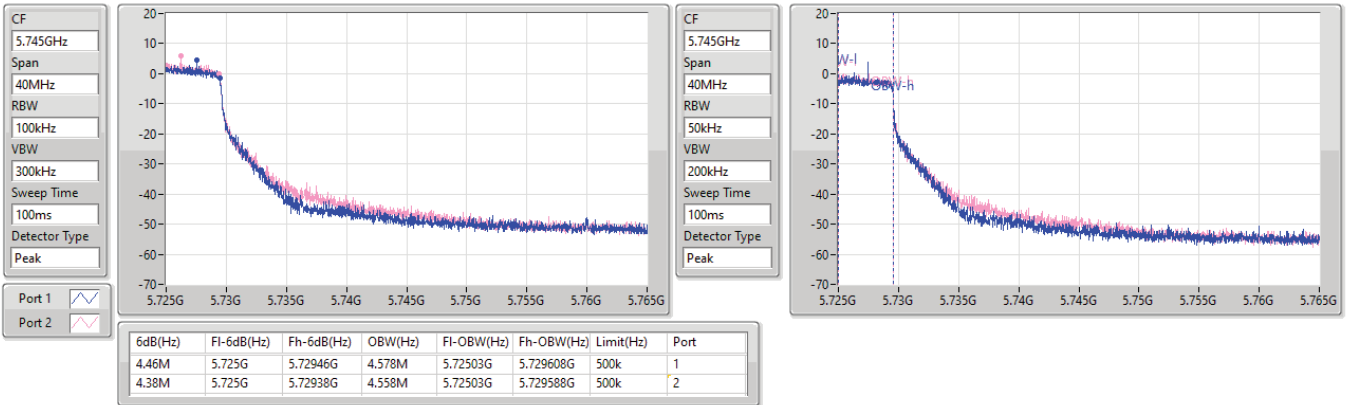


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

05/01/2023

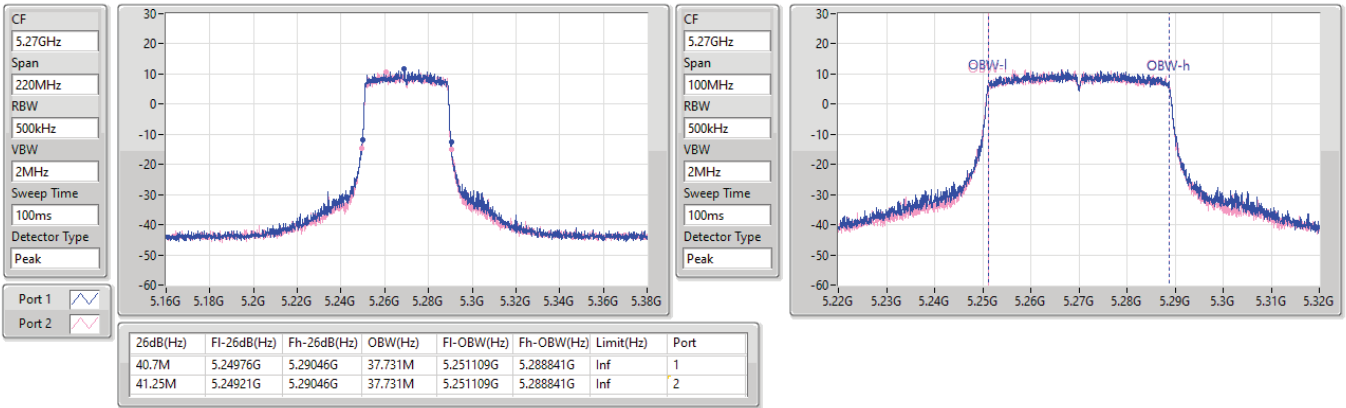


5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5270MHz

05/01/2023

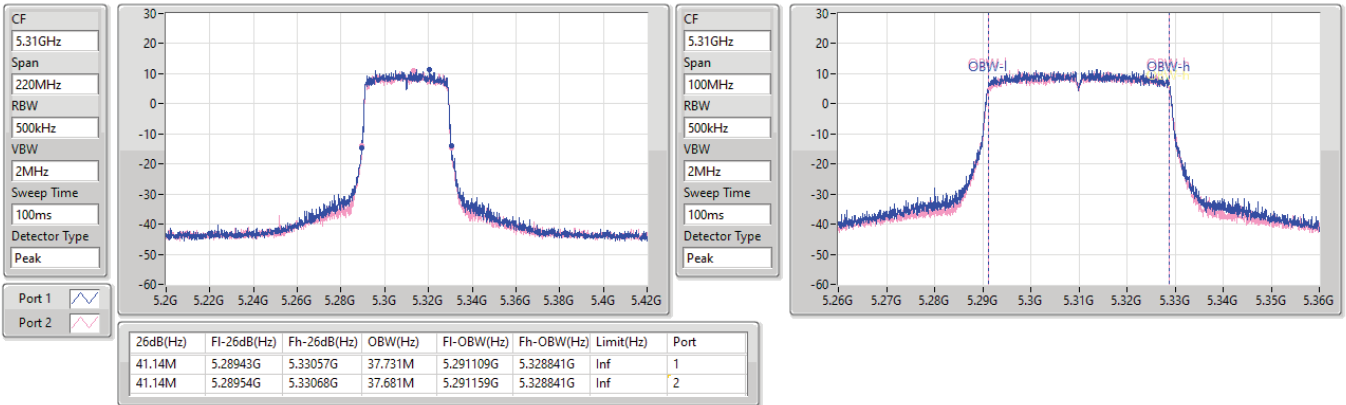


5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5310MHz

05/01/2023

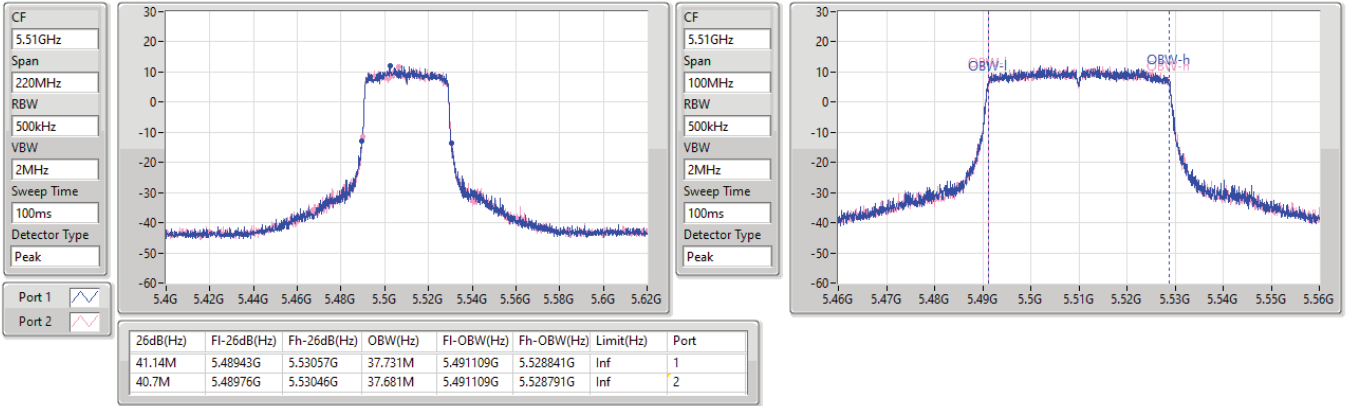


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5510MHz

05/01/2023

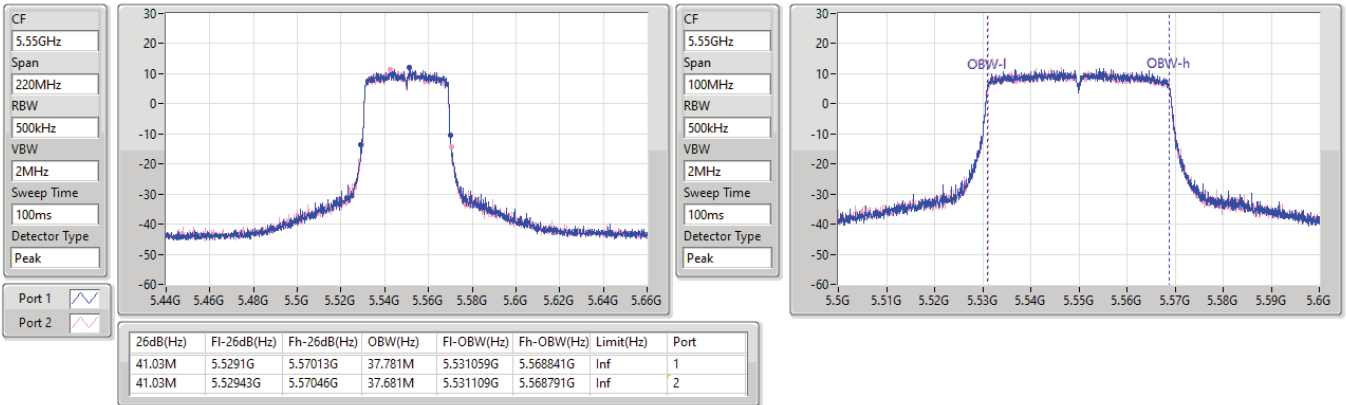


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5550MHz

05/01/2023



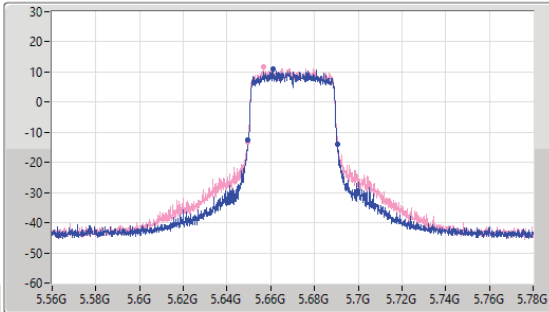
5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

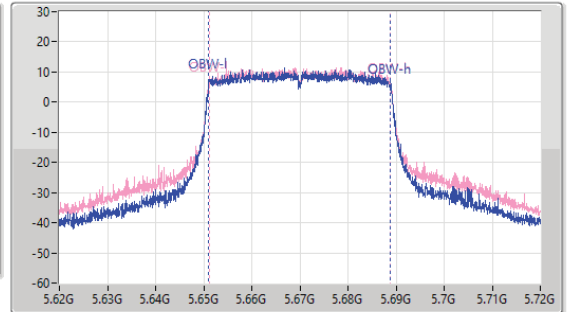
5670MHz

05/01/2023

CF: 5.67GHz
 Span: 220MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.67GHz
 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
41.25M	5.64943G	5.69068G	37.831M	5.651059G	5.688891G	Inf	1
41.25M	5.64943G	5.69068G	37.781M	5.651109G	5.688891G	Inf	2

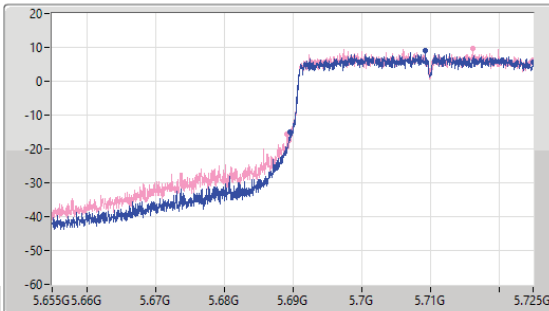
5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

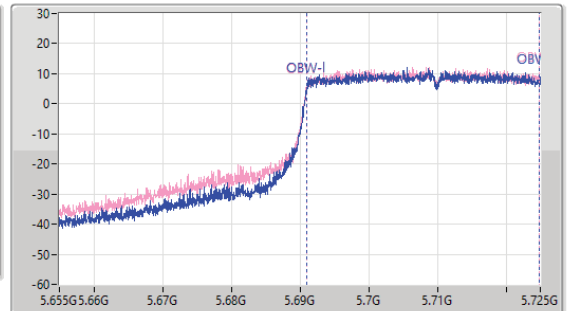
5710MHz Straddle 5.47-5.725GHz

05/01/2023

CF: 5.69GHz
 Span: 70MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.69GHz
 Span: 70MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak



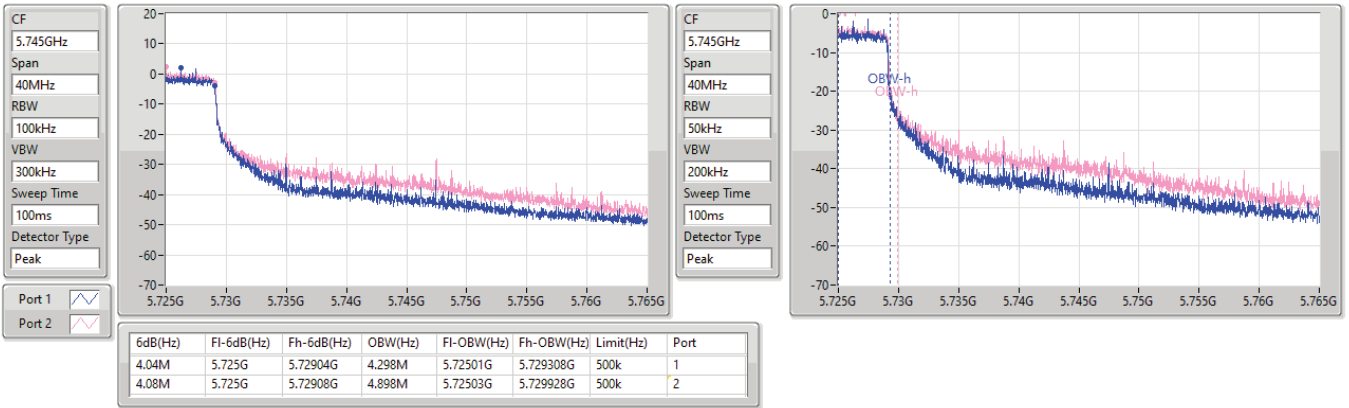
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.455M	5.689545G	5.725G	33.723M	5.691049G	5.724773G	Inf	1
35.805M	5.689195G	5.725G	33.793M	5.691014G	5.724808G	Inf	2

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

EBW

5710MHz Straddle 5.725-5.85GHz

05/01/2023

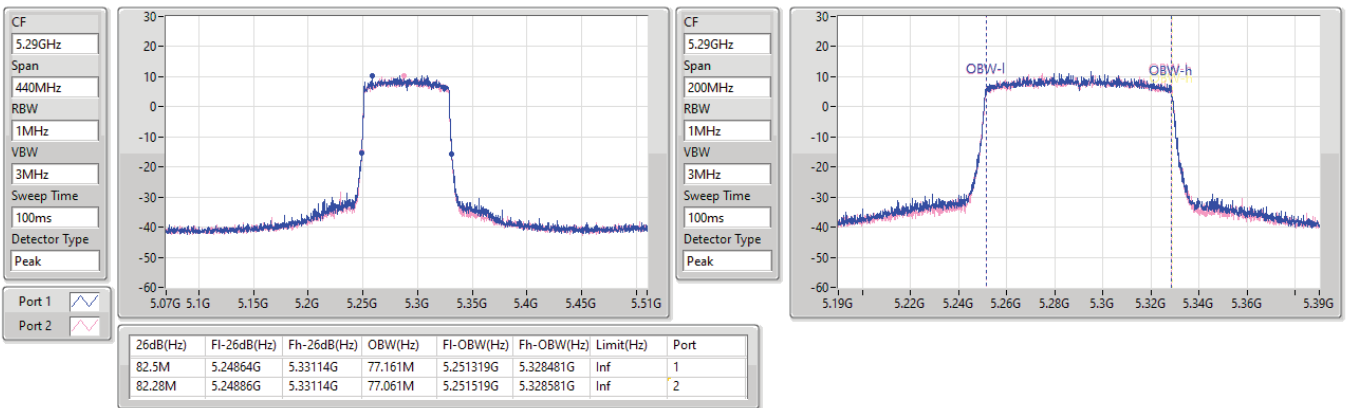


5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5290MHz

05/01/2023



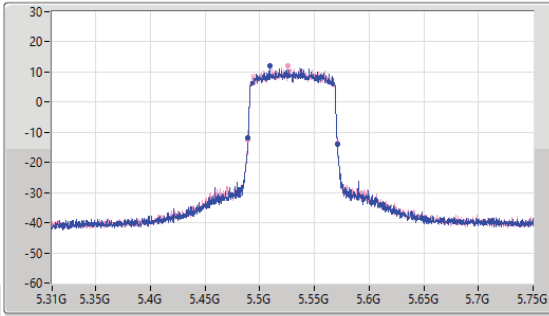
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

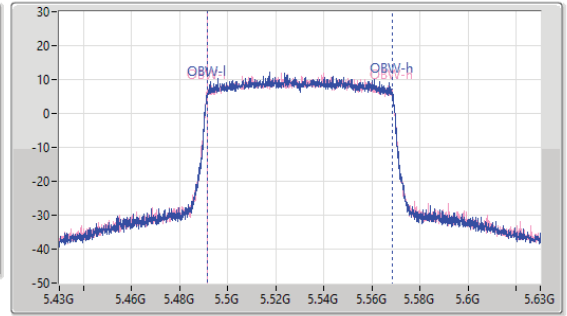
5530MHz

05/01/2023

CF
5.53GHz
Span
440MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.53GHz
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	5.4893G	5.57092G	77.161M	5.491419G	5.568581G	Inf	1
82.06M	5.48886G	5.57092G	77.061M	5.491419G	5.568481G	Inf	2

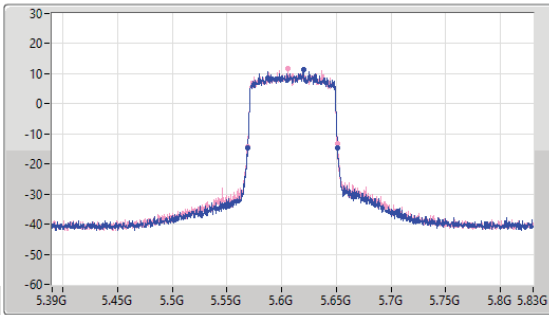
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

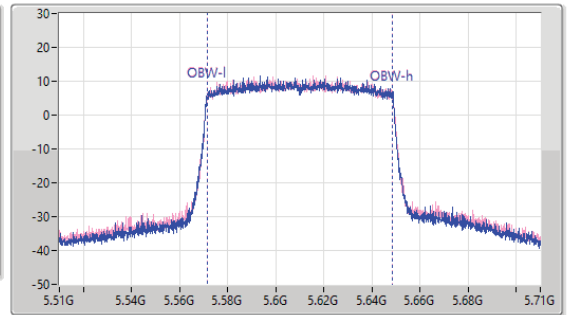
5610MHz

05/01/2023

CF
5.61GHz
Span
440MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.61GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



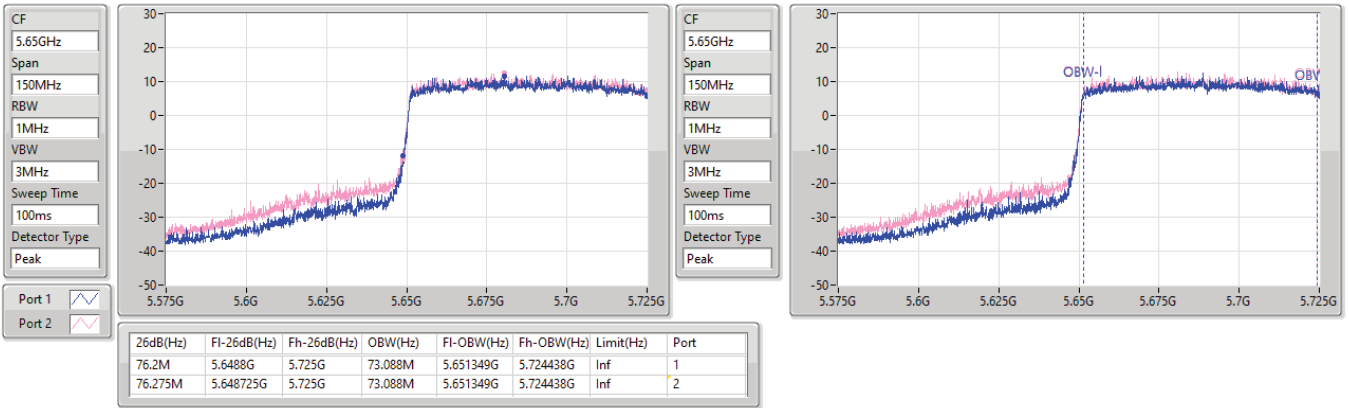
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.5M	5.56842G	5.65092G	77.161M	5.571419G	5.648581G	Inf	1
82.28M	5.56864G	5.65092G	77.161M	5.571419G	5.648581G	Inf	2

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

EBW

5690MHz Straddle 5.47-5.725GHz

05/01/2023

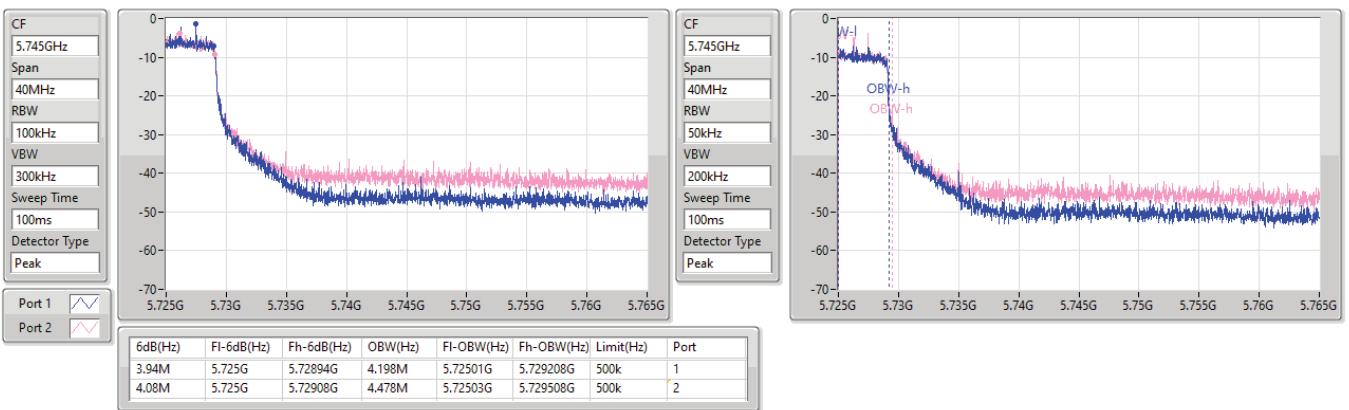


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

05/01/2023





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	81.6M	77.321M	77M3D1D	81.6M	77.241M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.58M	16.36M	16M4D1D	19.14M	16.338M
802.11ax HEW20_Nss1,(MCS0)_2TX	22.165M	18.916M	18M9D1D	21.065M	18.866M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.03M	37.731M	37M7D1D	40.37M	37.681M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.28M	77.161M	77M2D1D	82.28M	77.061M
802.11ax HEW160_Nss1,(MCS0)_2TX	81.84M	77.321M	77M3D1D	81.2M	77.241M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.635M	16.36M	16M4D1D	14.22M	13.148M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.395M	18.916M	18M9D1D	15.525M	14.408M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.81M	37.781M	37M8D1D	35.105M	33.688M
802.11ax HEW80_Nss1,(MCS0)_2TX	90.2M	77.461M	77M5D1D	78.075M	73.238M
802.11ax HEW160_Nss1,(MCS0)_2TX	164.56M	155.122M	155MD1D	164.56M	155.122M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.14M	3.478M	3M48D1D	3.14M	3.438M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.48M	4.638M	4M64D1D	4.42M	4.578M
802.11ax HEW40_Nss1,(MCS0)_2TX	4.08M	13.033M	13MOD1D	4M	7.116M
802.11ax HEW80_Nss1,(MCS0)_2TX	4.08M	26.367M	26M4D1D	4M	22.529M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	19.47M	16.338M	19.525M	16.36M
5300MHz	Pass	Inf	19.58M	16.338M	19.14M	16.338M
5320MHz	Pass	Inf	19.25M	16.338M	19.14M	16.338M
5500MHz	Pass	Inf	19.525M	16.338M	19.14M	16.338M
5580MHz	Pass	Inf	19.635M	16.338M	19.25M	16.36M
5700MHz	Pass	Inf	19.58M	16.338M	19.525M	16.36M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.195M	13.148M	14.22M	13.163M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.438M	3.14M	3.478M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.12M	18.891M	22.165M	18.916M
5300MHz	Pass	Inf	21.175M	18.916M	21.285M	18.891M
5320MHz	Pass	Inf	21.34M	18.916M	21.065M	18.866M
5500MHz	Pass	Inf	21.065M	18.916M	20.625M	18.891M
5580MHz	Pass	Inf	21.395M	18.916M	21.01M	18.891M
5700MHz	Pass	Inf	20.79M	18.866M	20.845M	18.891M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.525M	14.408M	15.66M	14.438M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.42M	4.578M	4.48M	4.638M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.48M	37.731M	41.03M	37.731M
5310MHz	Pass	Inf	40.48M	37.681M	40.37M	37.731M
5510MHz	Pass	Inf	40.26M	37.681M	40.26M	37.581M
5550MHz	Pass	Inf	40.81M	37.781M	40.48M	37.731M
5670MHz	Pass	Inf	40.48M	37.731M	40.48M	37.681M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.105M	33.688M	35.455M	33.723M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4M	7.116M	4.08M	13.033M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.28M	77.061M	82.28M	77.161M
5530MHz	Pass	Inf	82.5M	77.161M	82.72M	77.161M
5610MHz	Pass	Inf	90.2M	77.461M	87.78M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	78.075M	73.238M	80.25M	73.238M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	22.529M	4M	26.367M
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.6M	77.241M	81.6M	77.321M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.84M	77.241M	81.2M	77.321M
5570MHz	Pass	Inf	164.56M	155.122M	164.56M	155.122M

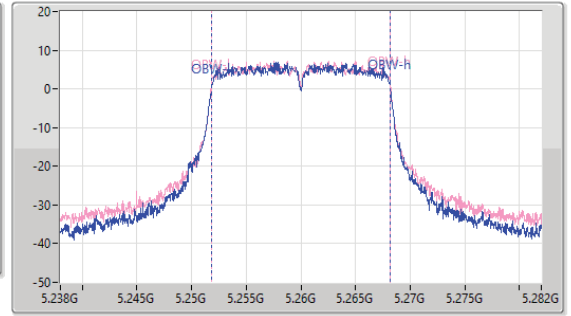
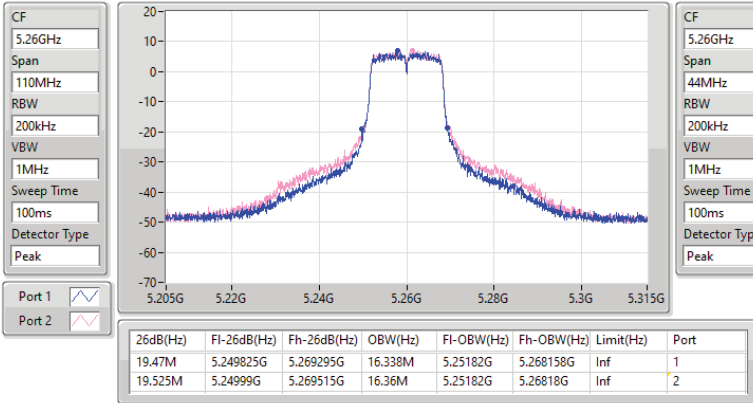
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5260MHz

16/02/2023

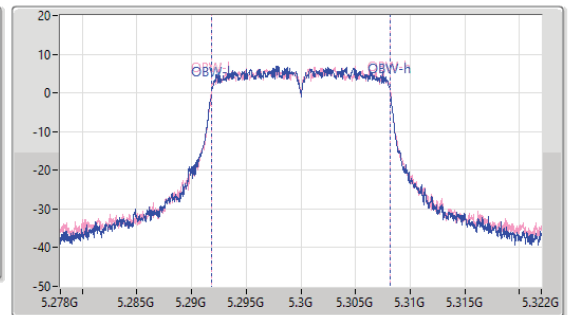
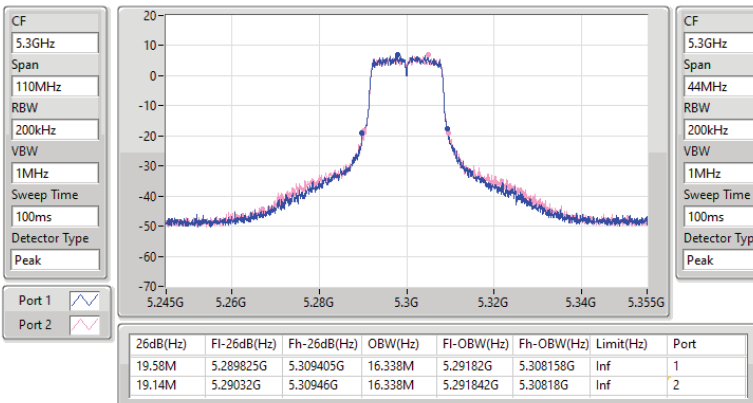


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

16/02/2023

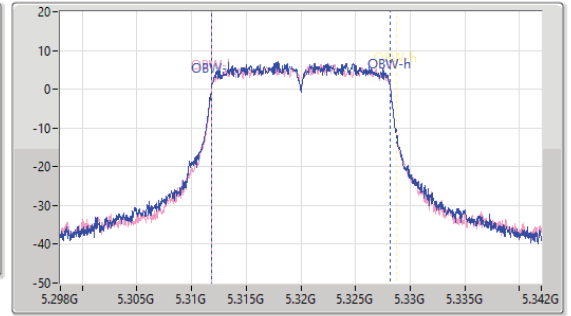
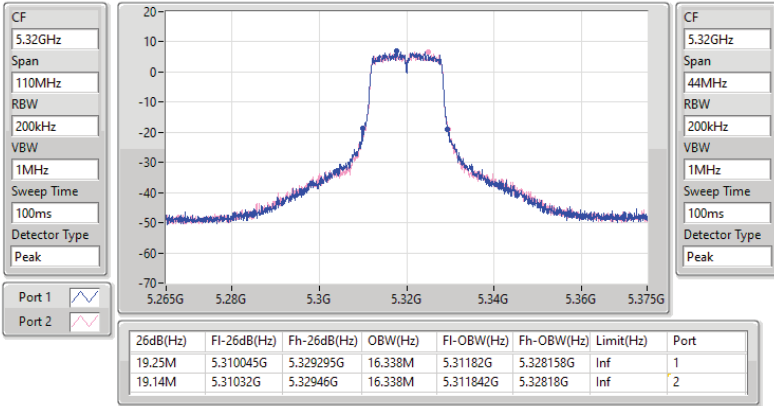


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

16/02/2023

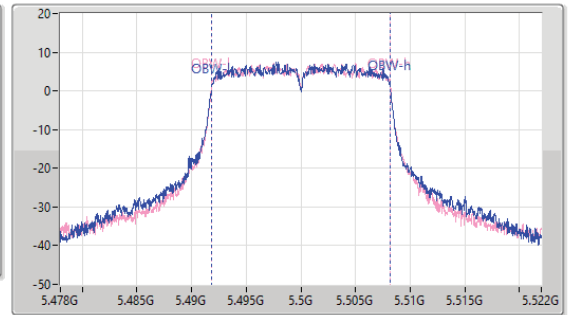
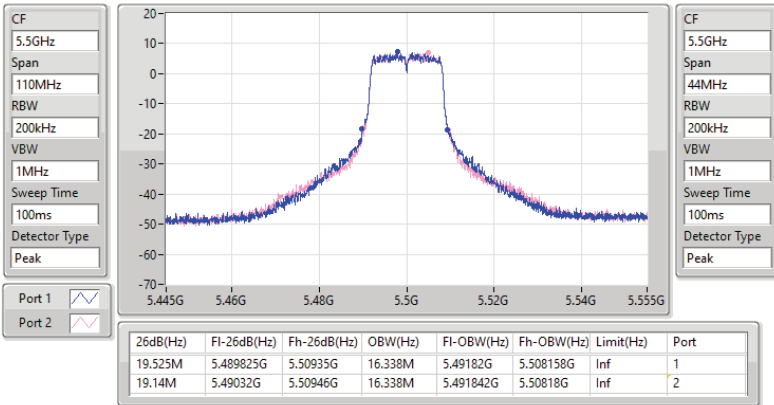


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

16/02/2023

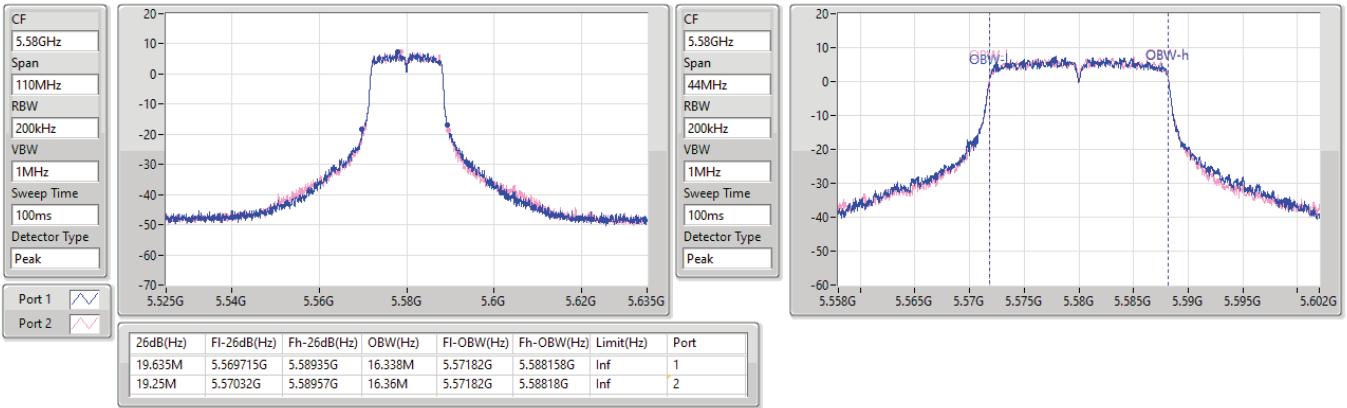


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

16/02/2023

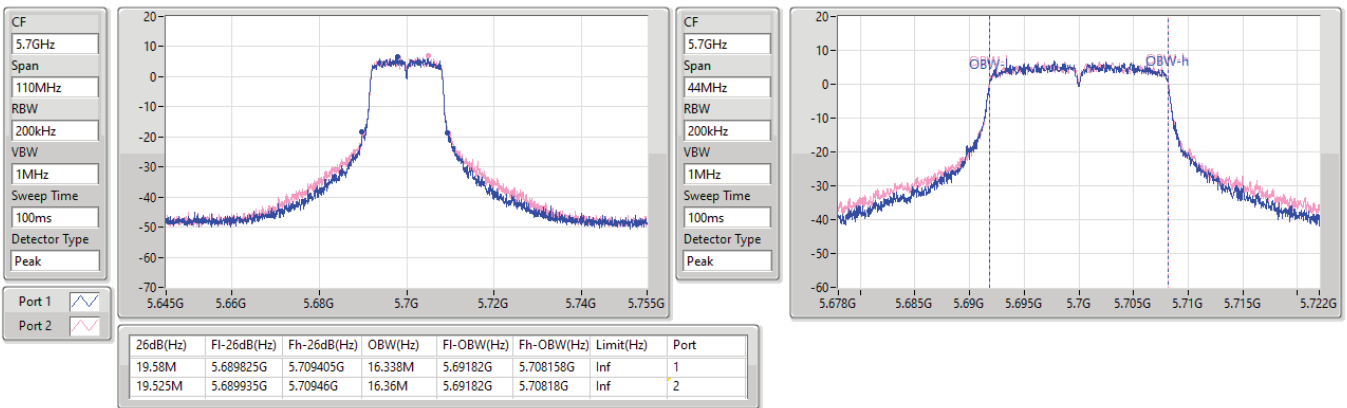


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5700MHz

05/01/2023



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

EBW

5720MHz Straddle 5.47-5.725GHz

16/02/2023

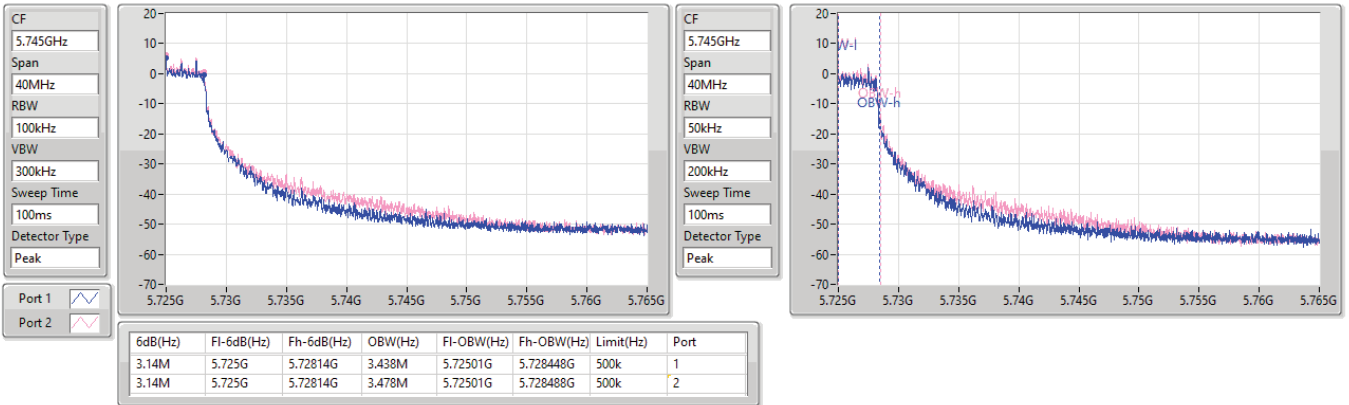


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

16/02/2023



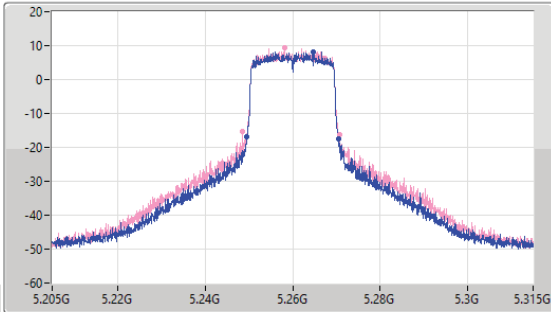
5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

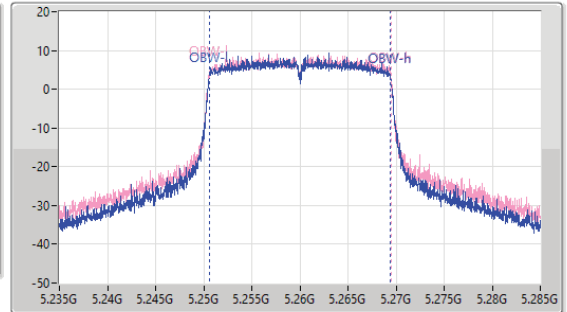
5260MHz

16/02/2023

CF
5.26GHz
Span
110MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.26GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.12M	5.249495G	5.270615G	18.891M	5.250555G	5.269445G	Inf	1
22.165M	5.248615G	5.27078G	18.916M	5.250555G	5.26947G	Inf	2

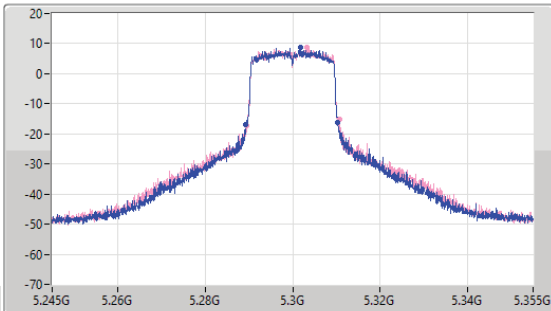
5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

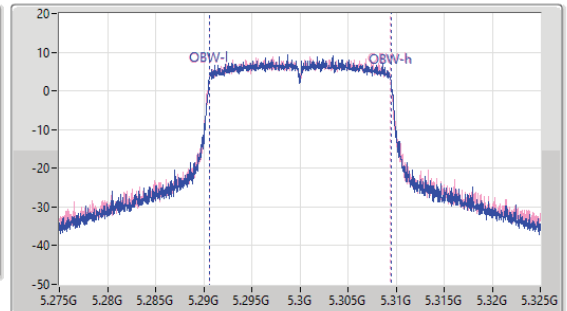
5300MHz

16/02/2023

CF
5.3GHz
Span
110MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.3GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2

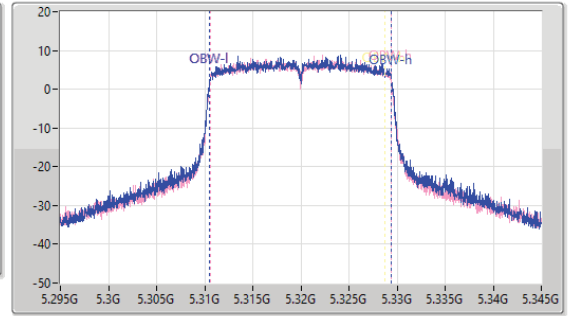
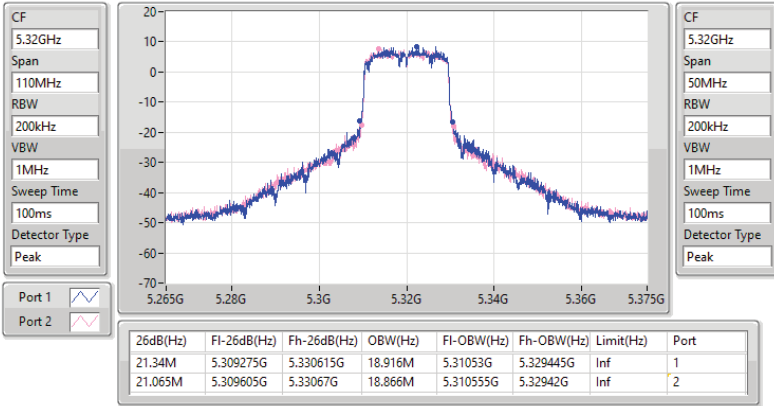
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.175M	5.28922G	5.310395G	18.916M	5.290555G	5.30947G	Inf	1
21.285M	5.289385G	5.31067G	18.891M	5.290555G	5.309445G	Inf	2

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

EBW

5320MHz

05/01/2023

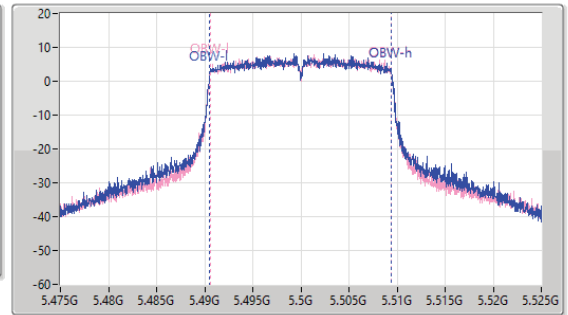
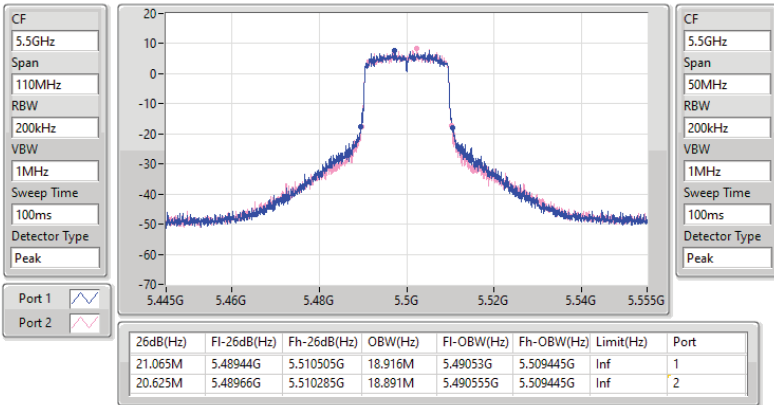


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5500MHz

05/01/2023



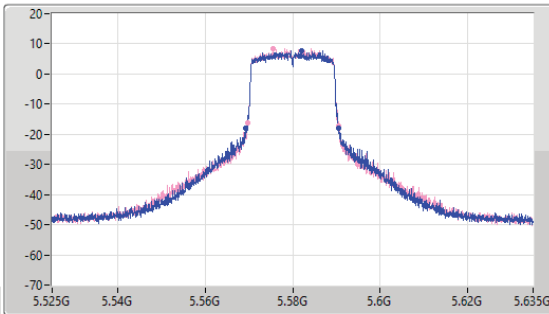
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

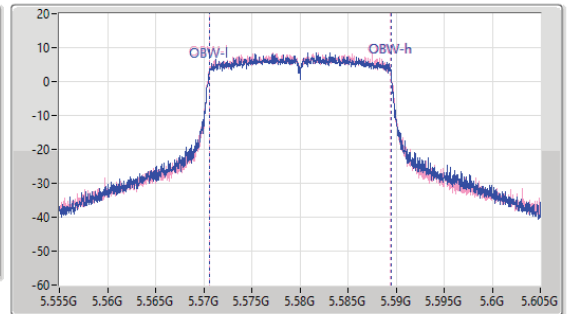
5580MHz

16/02/2023

CF
5.58GHz
Span
110MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.58GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.395M	5.569165G	5.59056G	18.916M	5.570555G	5.58947G	Inf	1
21.01M	5.569605G	5.590615G	18.891M	5.570555G	5.589445G	Inf	2

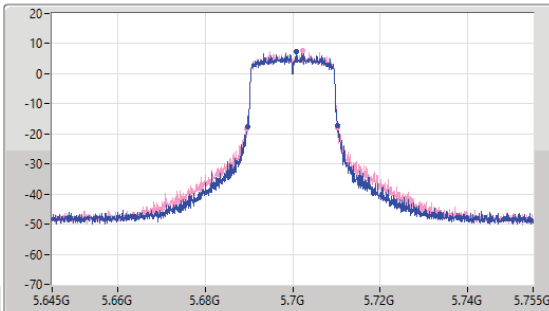
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

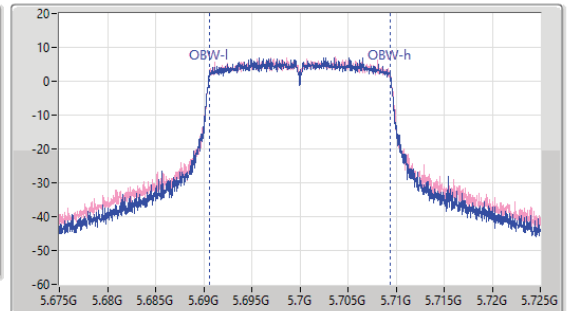
5700MHz

05/01/2023

CF
5.7GHz
Span
110MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.7GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.79M	5.689605G	5.710395G	18.866M	5.690555G	5.70942G	Inf	1
20.845M	5.689495G	5.71034G	18.891M	5.690555G	5.709445G	Inf	2

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

EBW

5720MHz Straddle 5.47-5.725GHz

16/02/2023

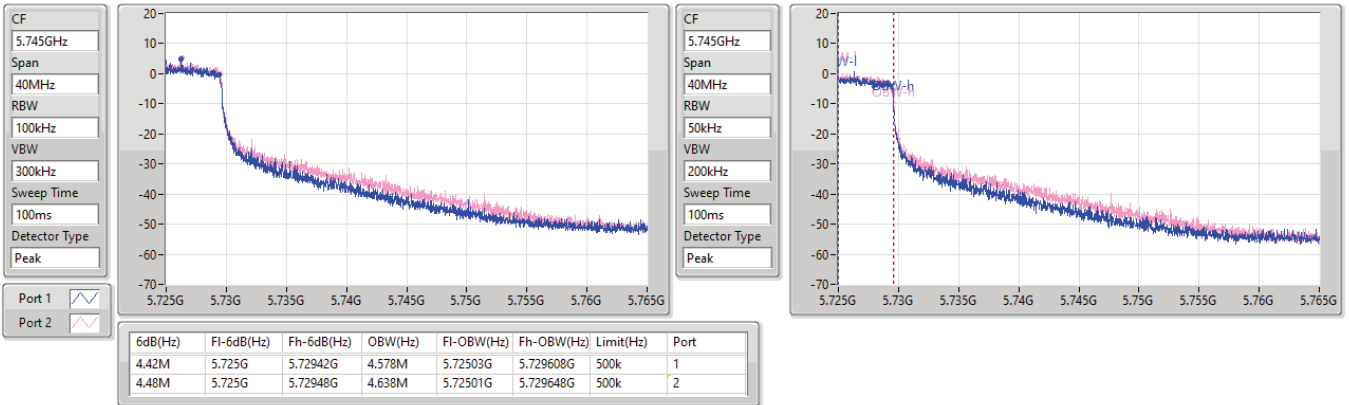


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

16/02/2023



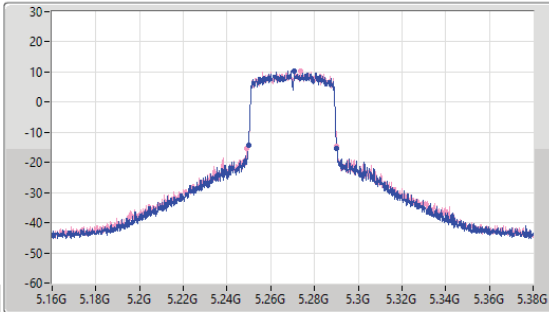
5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

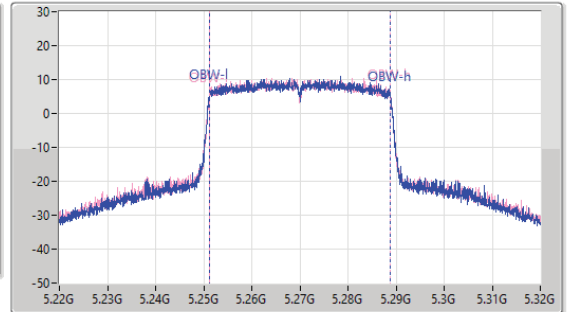
5270MHz

05/01/2023

CF
5.27GHz
Span
220MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.27GHz
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
40.48M	5.24976G	5.29024G	37.731M	5.251109G	5.288841G	Inf	1
41.03M	5.2491G	5.29013G	37.731M	5.251159G	5.288891G	Inf	2

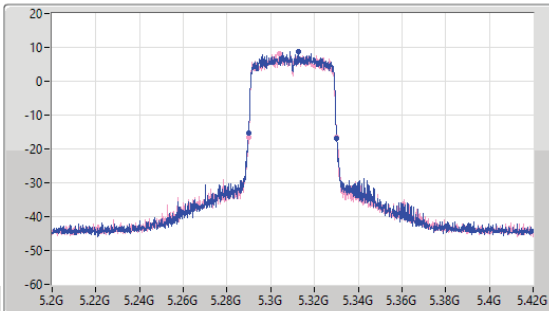
5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

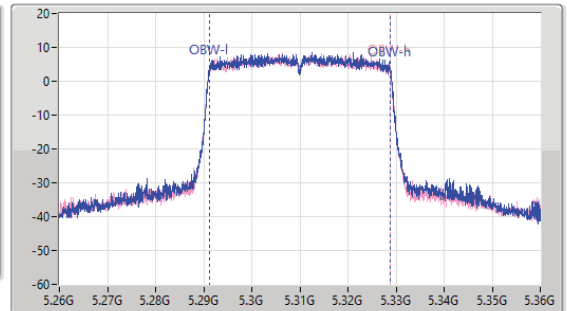
5310MHz

05/01/2023

CF
5.31GHz
Span
220MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.31GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



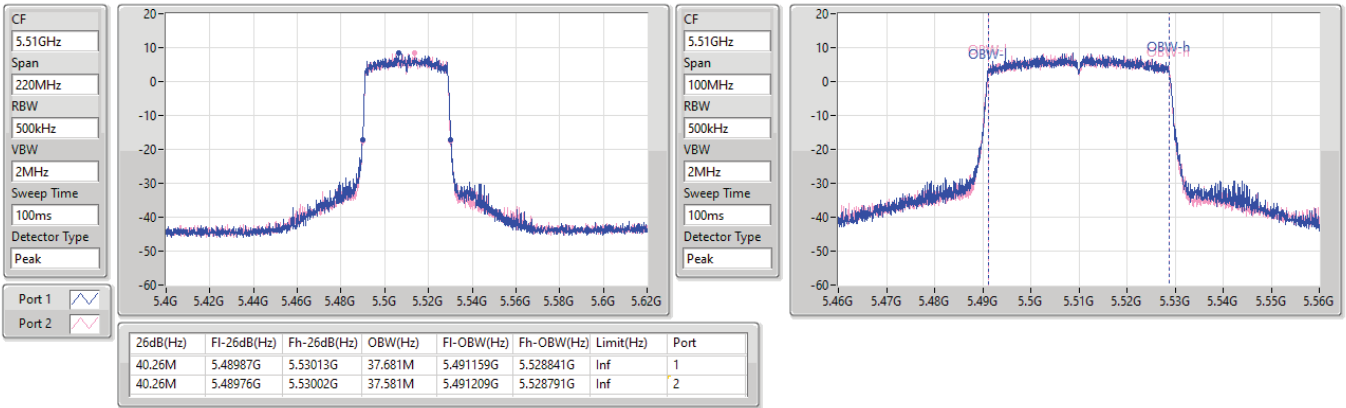
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.48M	5.28976G	5.33024G	37.681M	5.291159G	5.328841G	Inf	1
40.37M	5.28987G	5.33024G	37.731M	5.291109G	5.328841G	Inf	2

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

EBW

5510MHz

05/01/2023

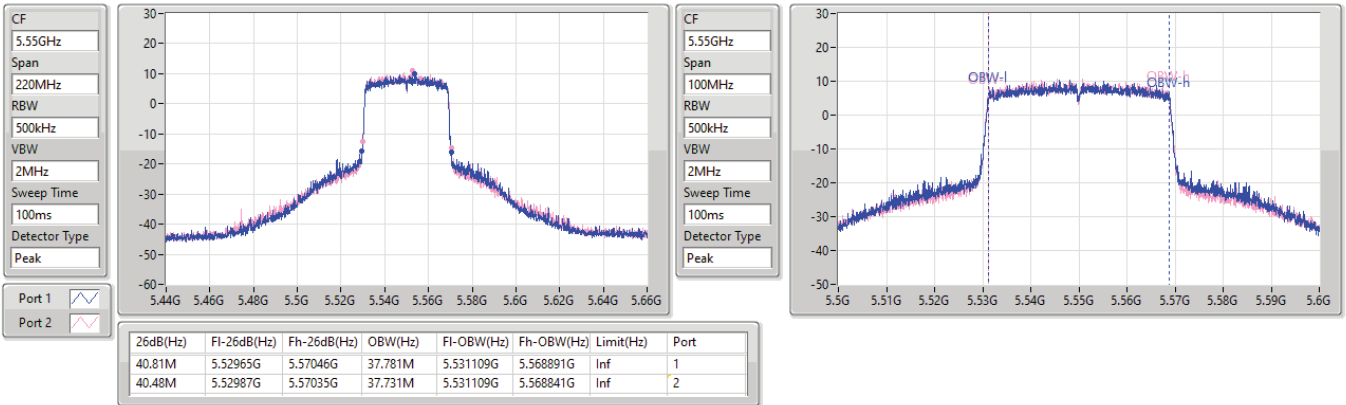


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5550MHz

05/01/2023

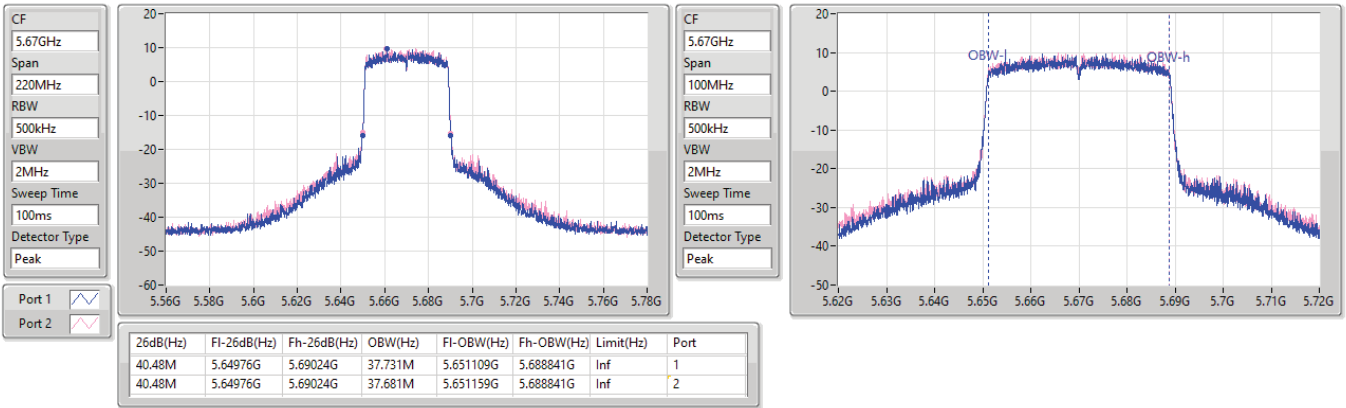


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5670MHz

05/01/2023

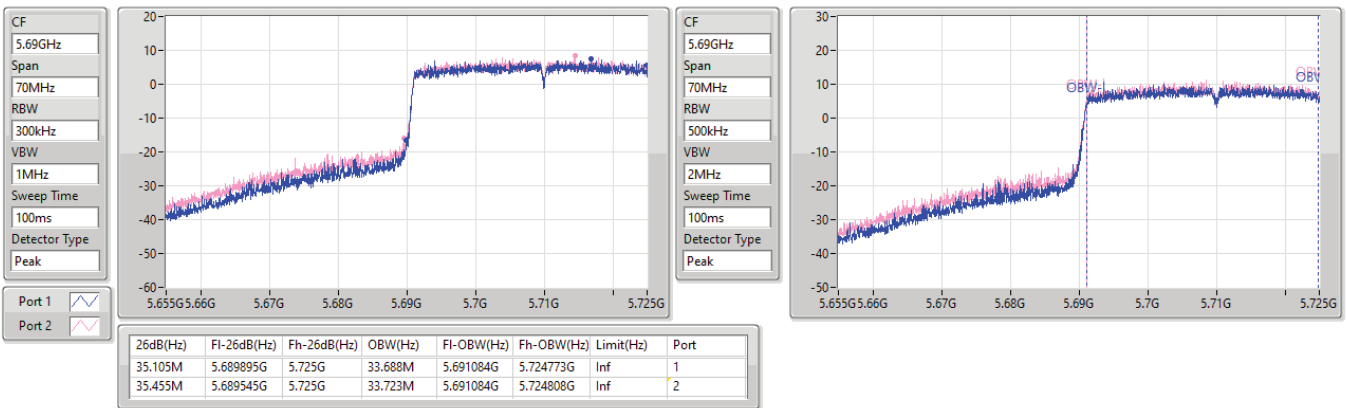


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

05/01/2023

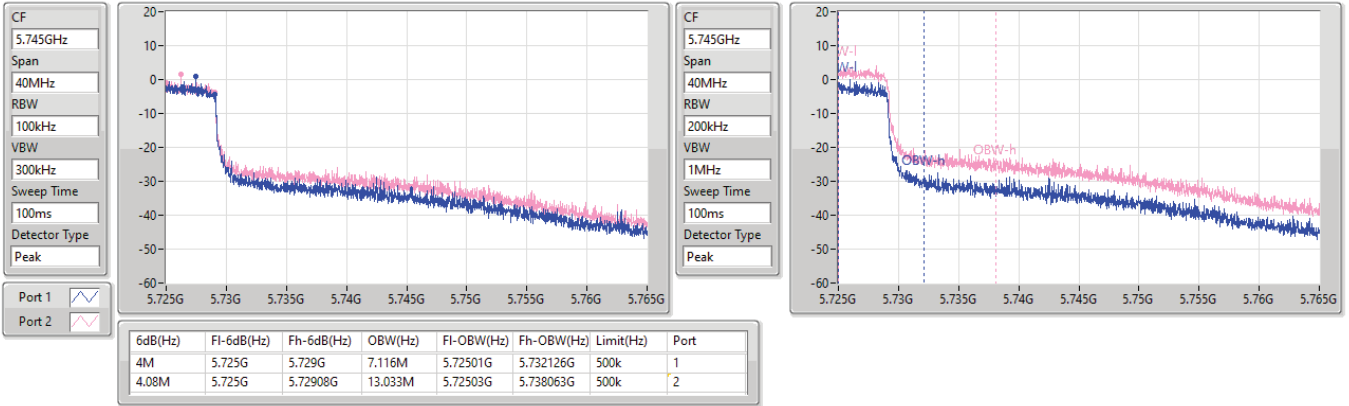


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

06/01/2023

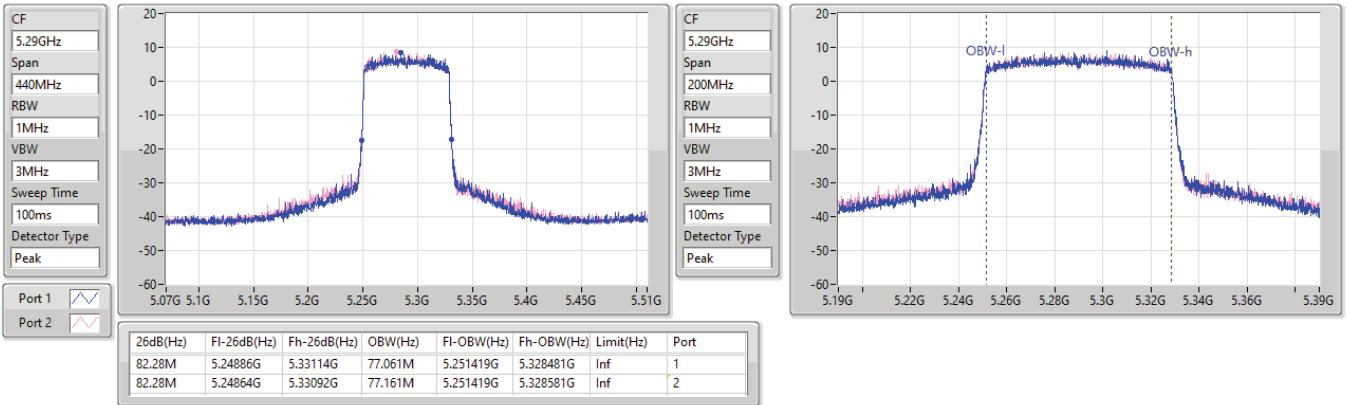


5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5290MHz

05/01/2023



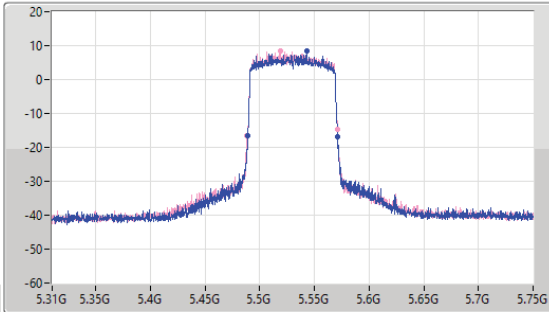
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

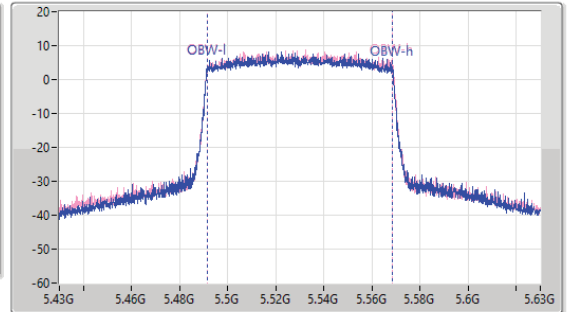
5530MHz

05/01/2023

CF
5.53GHz
Span
440MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.53GHz
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
82.5M	5.48886G	5.57136G	77.161M	5.491419G	5.568581G	Inf	1
82.72M	5.4882G	5.57092G	77.161M	5.491419G	5.568581G	Inf	2

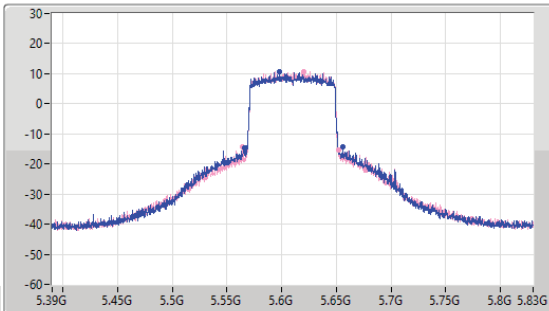
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

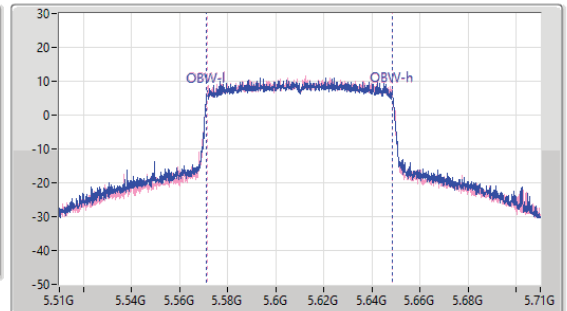
5610MHz

05/01/2023

CF
5.61GHz
Span
440MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.61GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



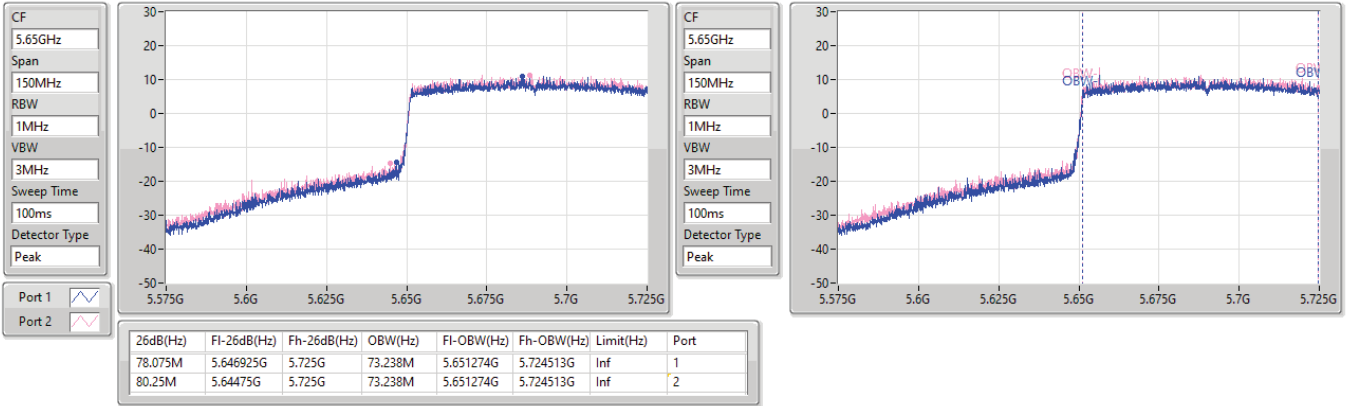
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
90.2M	5.56556G	5.65576G	77.461M	5.571219G	5.648681G	Inf	1
87.78M	5.56424G	5.65202G	77.361M	5.571319G	5.648681G	Inf	2

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

EBW

5690MHz Straddle 5.47-5.725GHz

05/01/2023

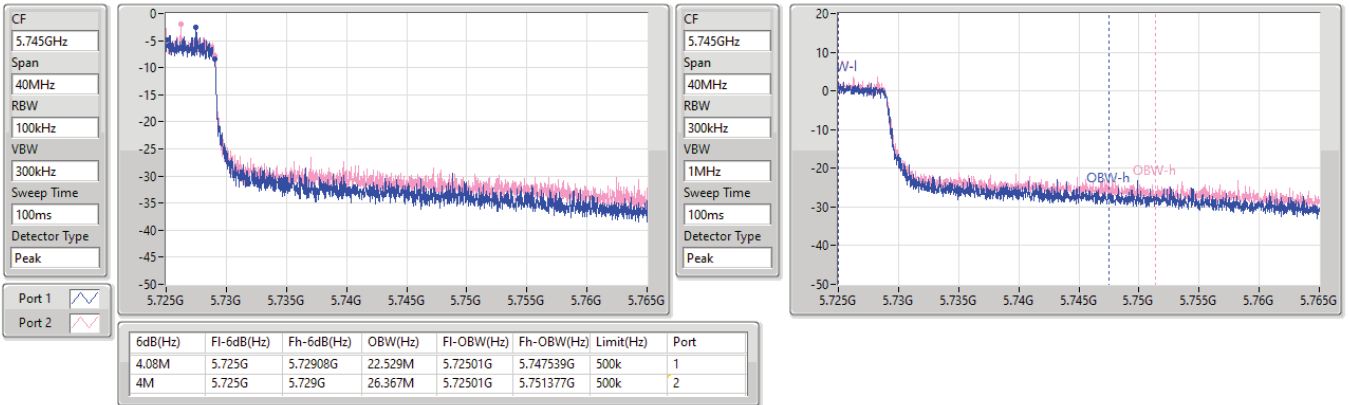


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

05/01/2023

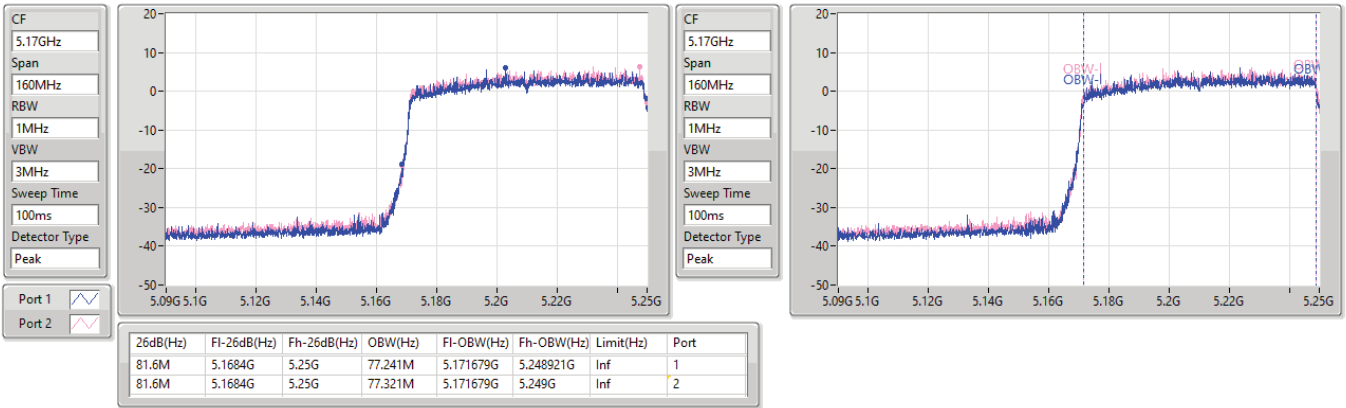


5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

15/02/2023

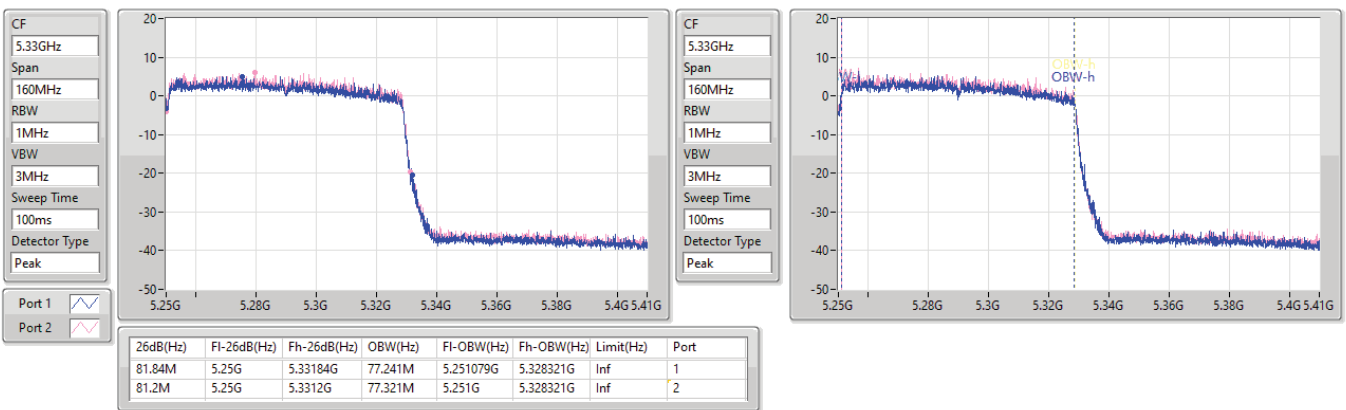


5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

15/02/2023



5.47-5.725GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5570MHz

15/02/2023

CF
5.57GHz

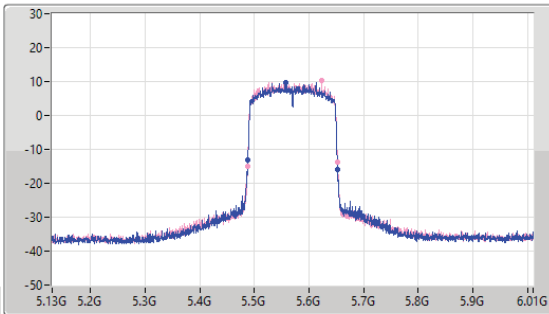
Span
880MHz

RBW
2MHz

VBW
10MHz

Sweep Time
100ms

Detector Type
Peak



CF
5.57GHz

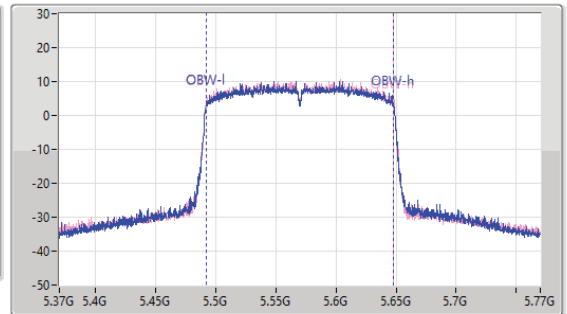
Span
400MHz


RBW
2MHz


VBW
10MHz

Sweep Time
100ms

Detector Type
Peak



Port 1 

Port 2 

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.56M	5.48772G	5.65228G	155.122M	5.492439G	5.647561G	Inf	1
164.56M	5.48728G	5.65184G	155.122M	5.492439G	5.647561G	Inf	2



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.515M	16.382M	16M4D1D	19.58M	16.36M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.615M	18.941M	18M9D1D	21.175M	18.916M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.25M	37.781M	37M8D1D	40.48M	37.731M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.28M	77.161M	77M2D1D	82.28M	77.161M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.68M	16.382M	16M4D1D	15.225M	13.163M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.725M	18.941M	18M9D1D	15.735M	14.453M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.58M	37.781M	37M8D1D	35.385M	33.723M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.72M	77.161M	77M2D1D	76.425M	73.088M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.12M	3.678M	3M68D1D	3.08M	3.598M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.32M	4.578M	4M58D1D	4.3M	4.578M
802.11ax HEW40_Nss1,(MCS0)_2TX	4M	4.738M	4M74D1D	4M	4.258M
802.11ax HEW80_Nss1,(MCS0)_2TX	4.04M	4.438M	4M44D1D	4.02M	4.238M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	20.24M	16.382M	20.515M	16.382M
5300MHz	Pass	Inf	19.91M	16.382M	20.295M	16.36M
5320MHz	Pass	Inf	20.295M	16.36M	19.58M	16.382M
5500MHz	Pass	Inf	20.13M	16.382M	20.68M	16.382M
5580MHz	Pass	Inf	20.02M	16.36M	20.625M	16.36M
5700MHz	Pass	Inf	20.46M	16.36M	20.625M	16.382M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.285M	13.193M	15.225M	13.163M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	3.598M	3.12M	3.678M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.505M	18.941M	21.615M	18.941M
5300MHz	Pass	Inf	21.175M	18.916M	21.34M	18.916M
5320MHz	Pass	Inf	21.45M	18.916M	21.175M	18.916M
5500MHz	Pass	Inf	21.615M	18.916M	21.505M	18.941M
5580MHz	Pass	Inf	21.725M	18.916M	21.45M	18.891M
5700MHz	Pass	Inf	21.12M	18.891M	21.285M	18.941M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.795M	14.483M	15.735M	14.453M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.3M	4.578M	4.32M	4.578M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.48M	37.731M	41.25M	37.731M
5310MHz	Pass	Inf	40.81M	37.781M	40.81M	37.731M
5510MHz	Pass	Inf	41.36M	37.731M	41.58M	37.681M
5550MHz	Pass	Inf	41.03M	37.731M	41.47M	37.781M
5670MHz	Pass	Inf	41.47M	37.781M	41.14M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.385M	33.723M	35.455M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4M	4.258M	4M	4.738M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.28M	77.161M	82.28M	77.161M
5530MHz	Pass	Inf	82.28M	77.061M	82.06M	77.061M
5610MHz	Pass	Inf	82.5M	77.161M	82.72M	77.161M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.425M	73.088M	76.65M	73.088M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.238M	4.04M	4.438M

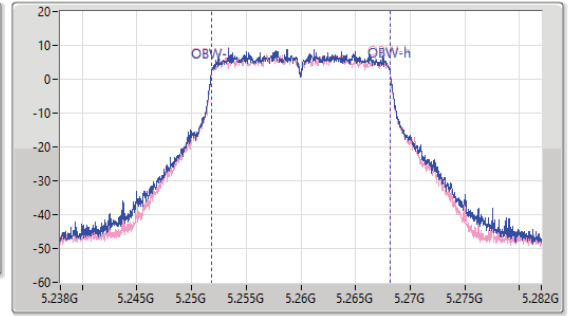
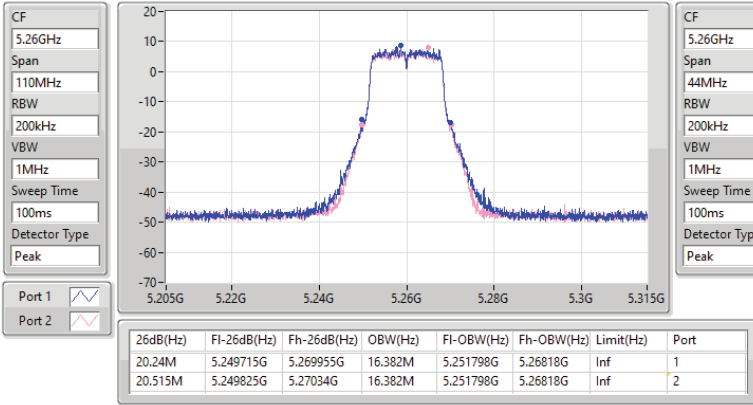
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5260MHz

12/01/2023

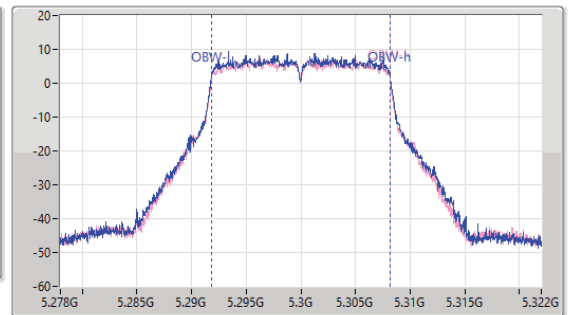
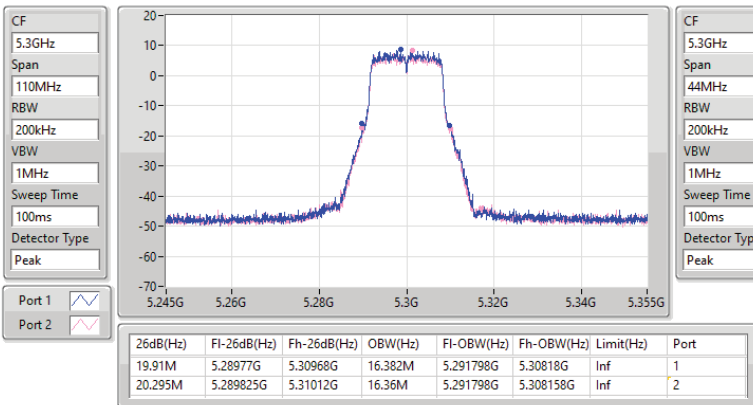


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

12/01/2023

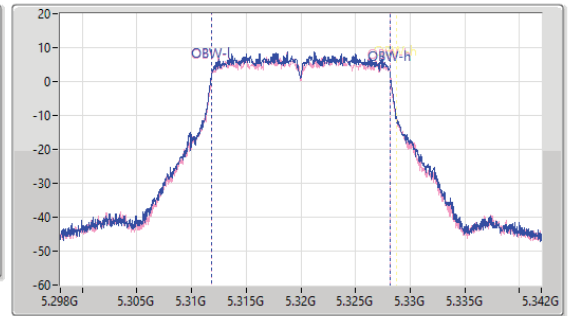
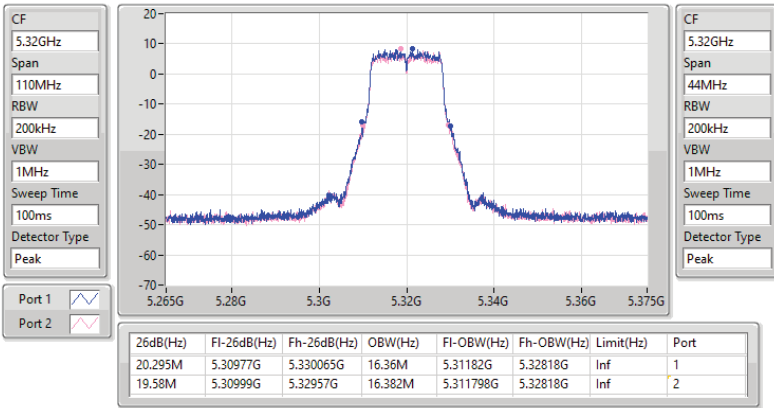


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

12/01/2023

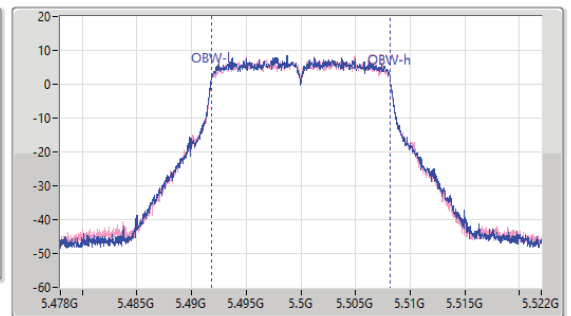
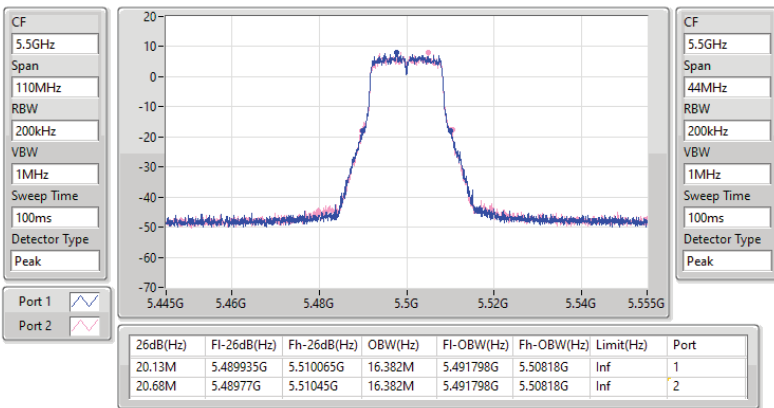


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

13/01/2023



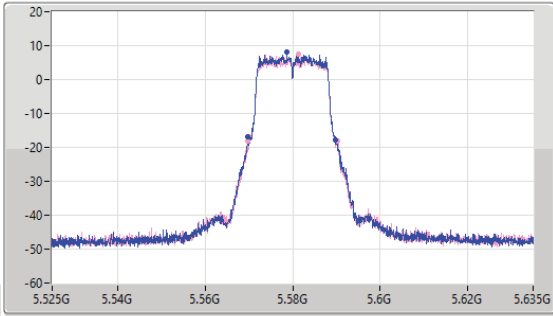
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

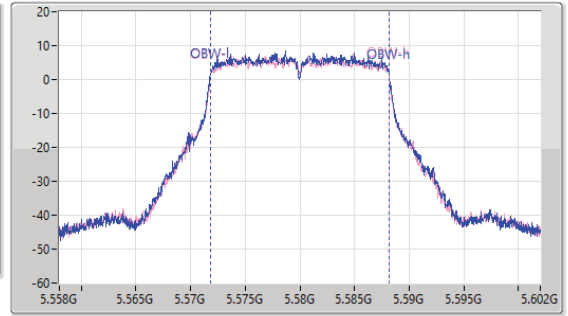
5580MHz

13/01/2023

CF: 5.58GHz
 Span: 110MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.58GHz
 Span: 44MHz
 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
20.02M	5.569715G	5.589735G	16.36M	5.571798G	5.588158G	Inf	1
20.625M	5.56977G	5.590395G	16.36M	5.571798G	5.588158G	Inf	2

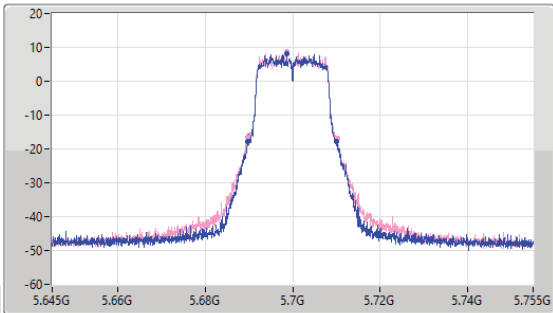
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

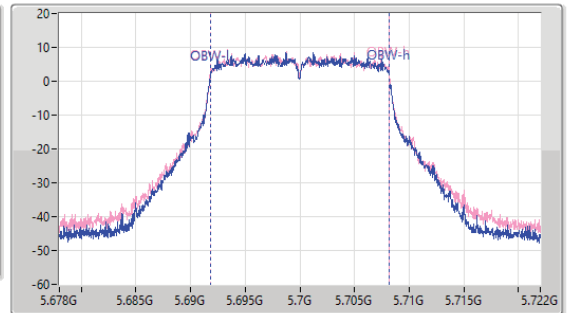
5700MHz

13/01/2023

CF: 5.7GHz
 Span: 110MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.7GHz
 Span: 44MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



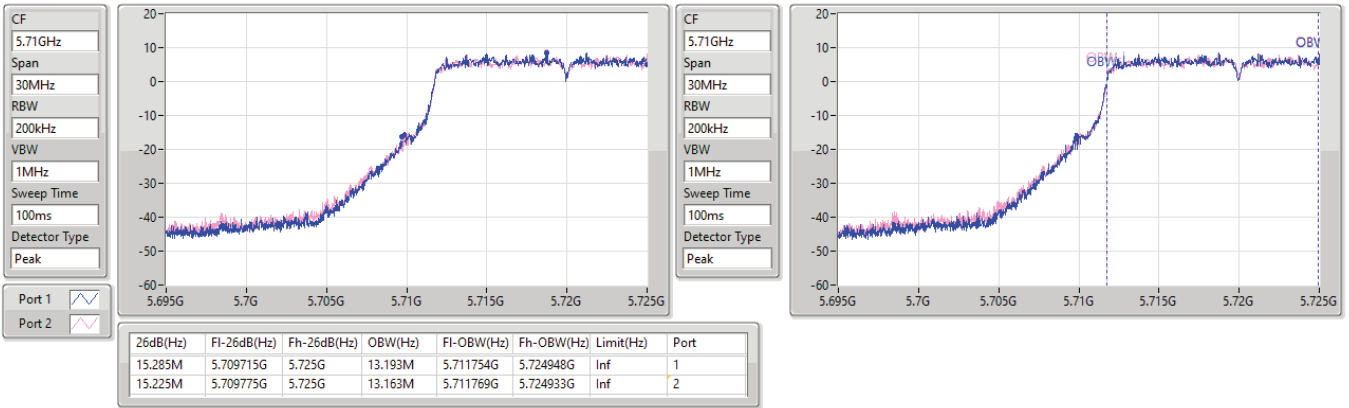
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.46M	5.689605G	5.710065G	16.36M	5.691798G	5.708158G	Inf	1
20.625M	5.68977G	5.710395G	16.382M	5.691798G	5.70818G	Inf	2

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

EBW

5720MHz Straddle 5.47-5.725GHz

13/01/2023

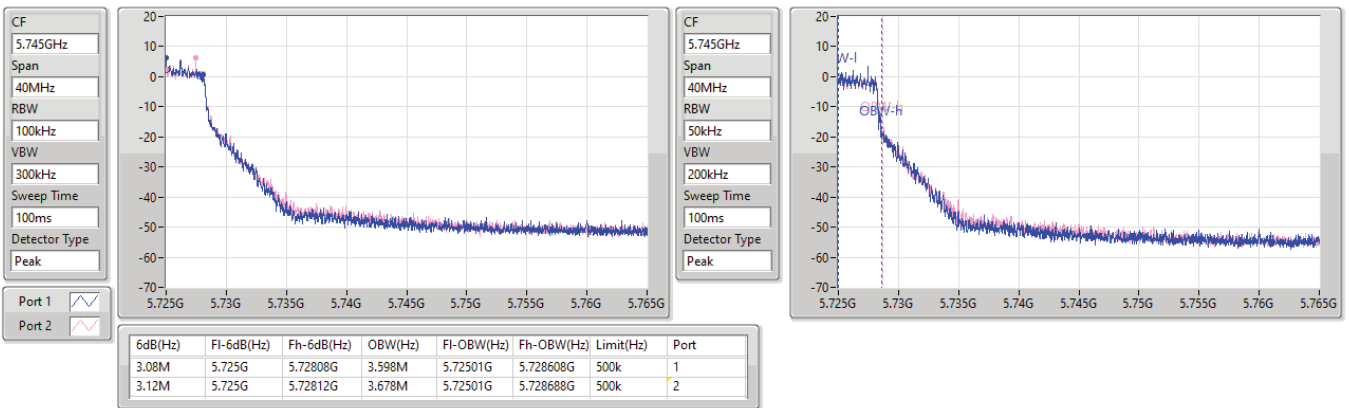


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

13/01/2023

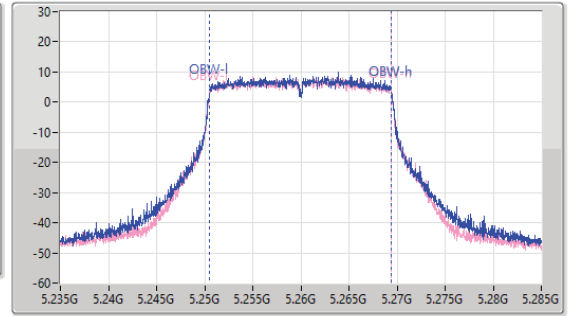
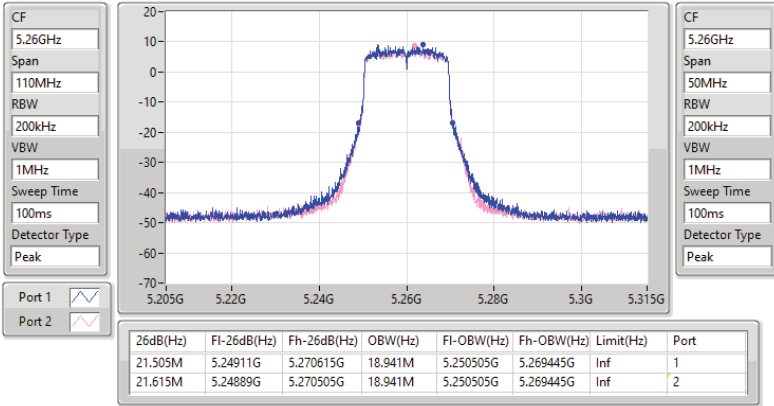


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5260MHz

13/01/2023

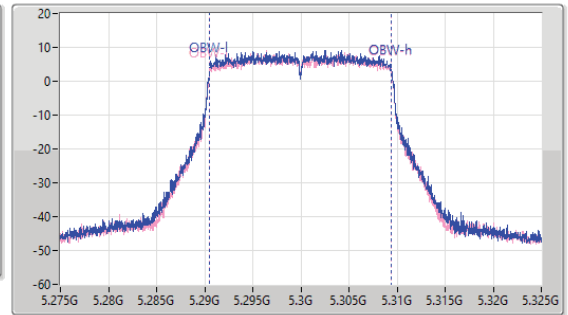
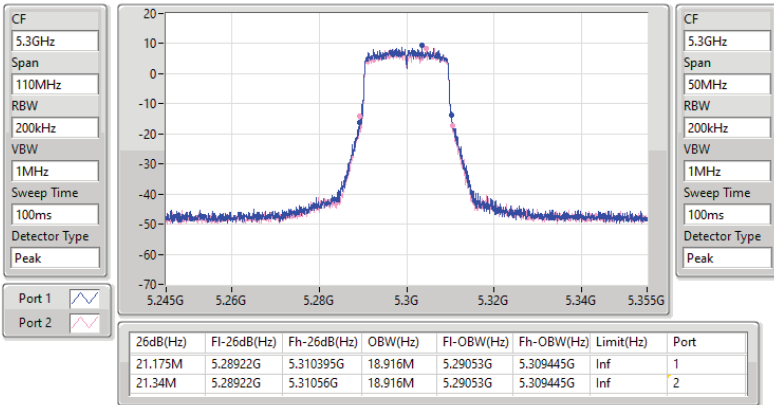


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5300MHz

13/01/2023

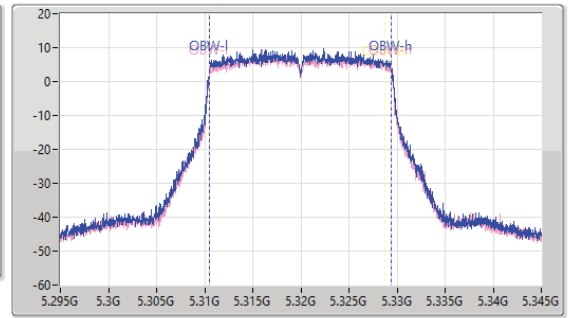
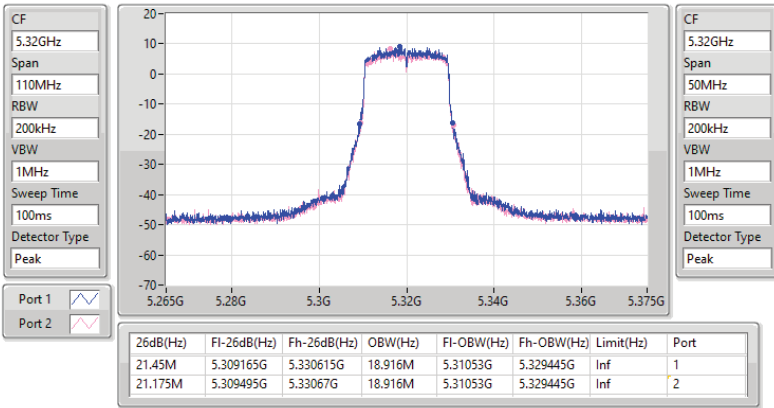


5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5320MHz

13/01/2023

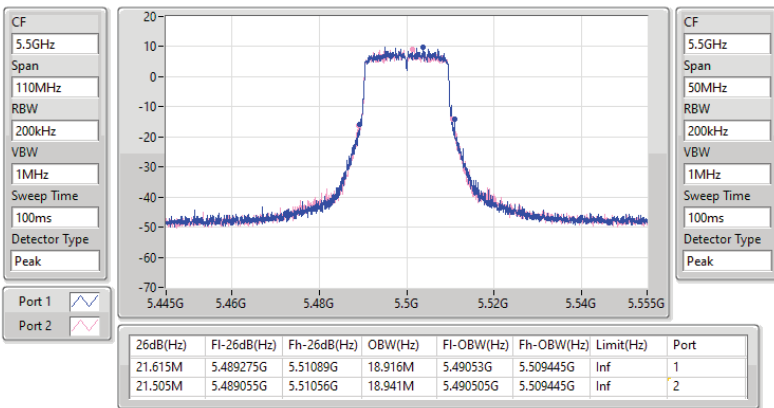


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5500MHz

13/01/2023



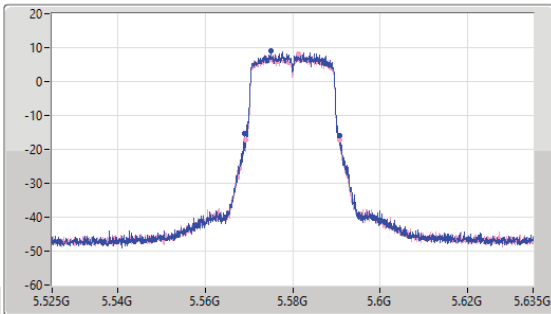
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

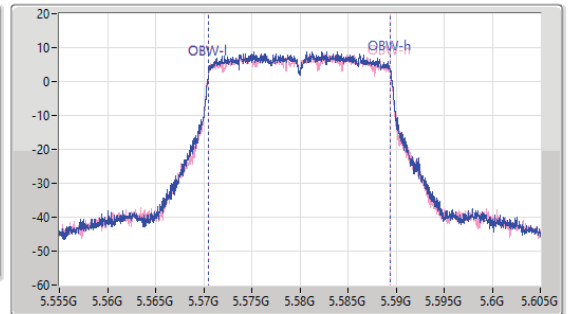
5580MHz

13/01/2023

CF
5.58GHz
Span
110MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.58GHz
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
21.725M	5.569055G	5.59078G	18.916M	5.57053G	5.589445G	Inf	1
21.45M	5.56922G	5.59067G	18.891M	5.57053G	5.58942G	Inf	2

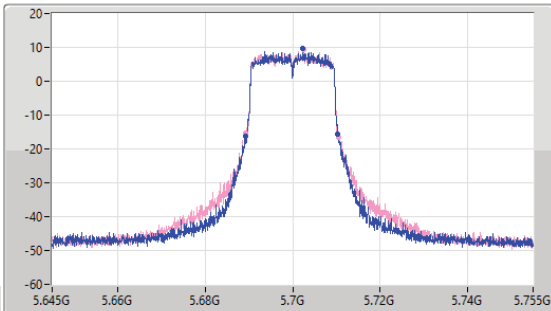
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

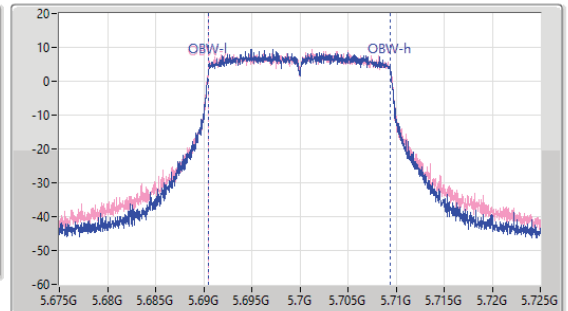
5700MHz

13/01/2023

CF
5.7GHz
Span
110MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.7GHz
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
21.12M	5.689275G	5.710395G	18.891M	5.69053G	5.70942G	Inf	1
21.285M	5.68933G	5.710615G	18.941M	5.690505G	5.709445G	Inf	2

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

EBW

5720MHz Straddle 5.47-5.725GHz

13/01/2023

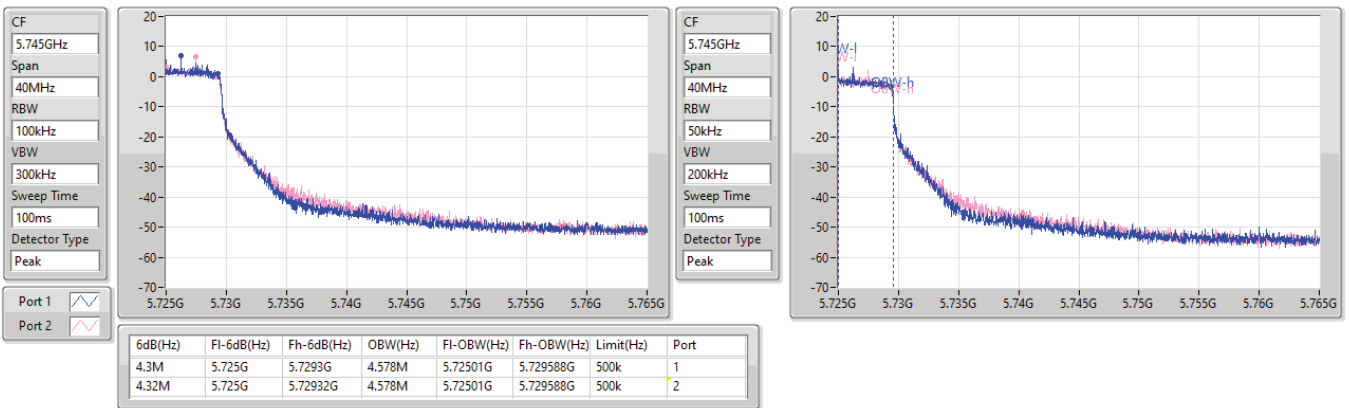


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

13/01/2023



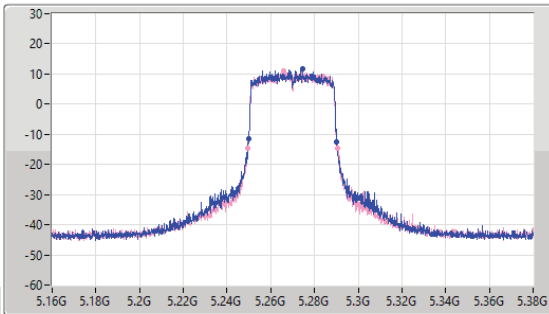
5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

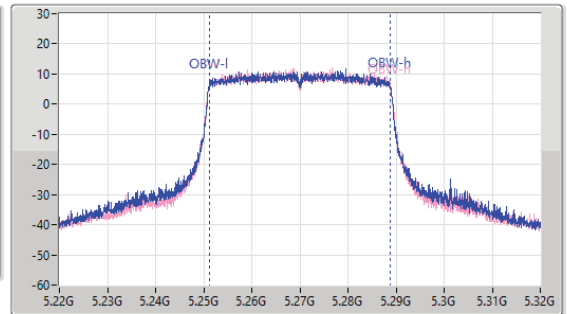
5270MHz

13/01/2023

CF
5.27GHz
Span
220MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.27GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.48M	5.24976G	5.29024G	37.731M	5.251109G	5.288841G	Inf	1
41.25M	5.24932G	5.29057G	37.731M	5.251109G	5.288841G	Inf	2

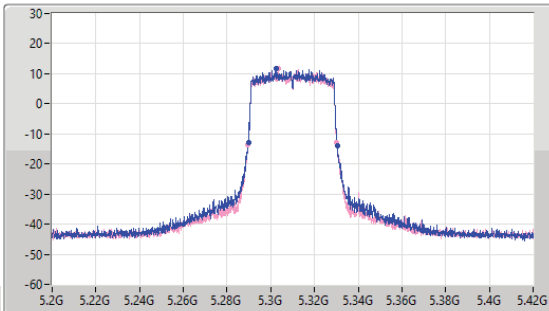
5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

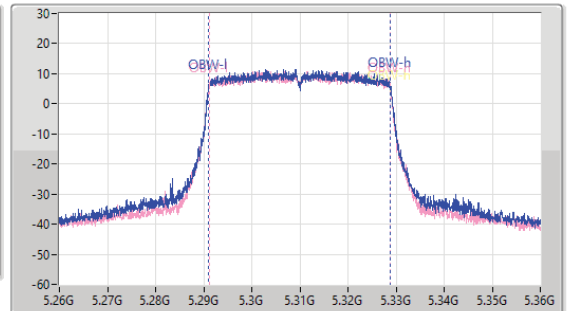
5310MHz

13/01/2023

CF
5.31GHz
Span
220MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.31GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2

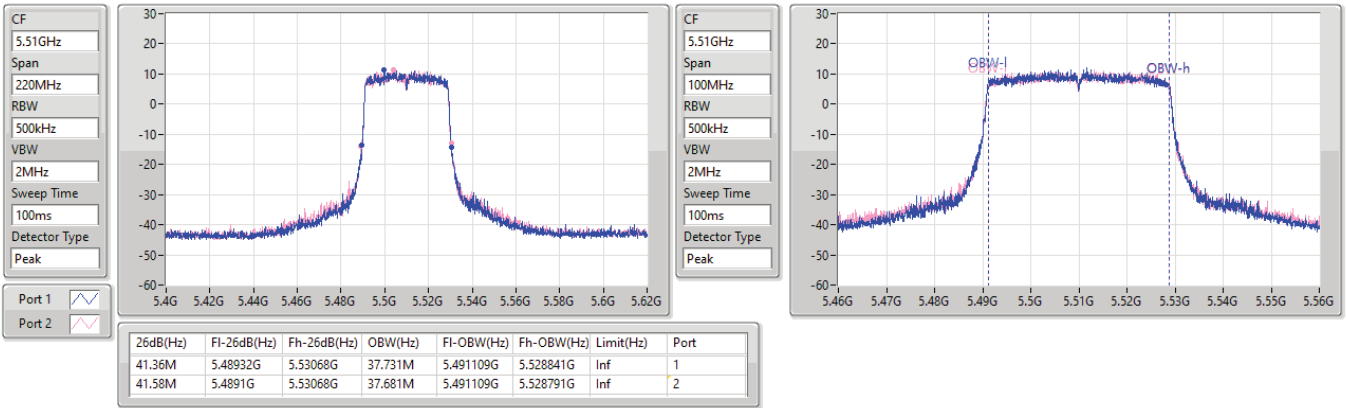
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.81M	5.28976G	5.33057G	37.781M	5.291059G	5.328841G	Inf	1
40.81M	5.28943G	5.33024G	37.731M	5.291109G	5.328841G	Inf	2

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

EBW

5510MHz

13/01/2023

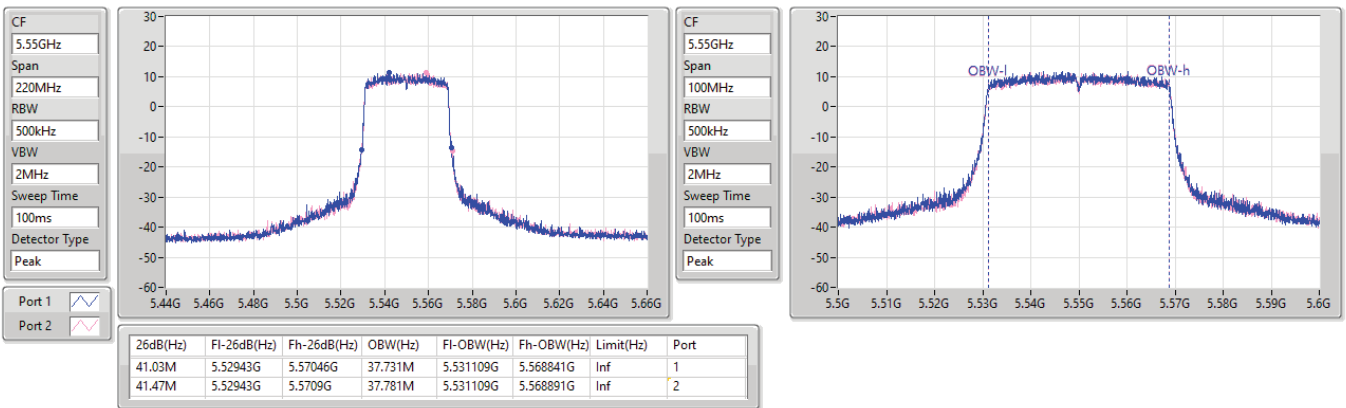


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5550MHz

13/01/2023



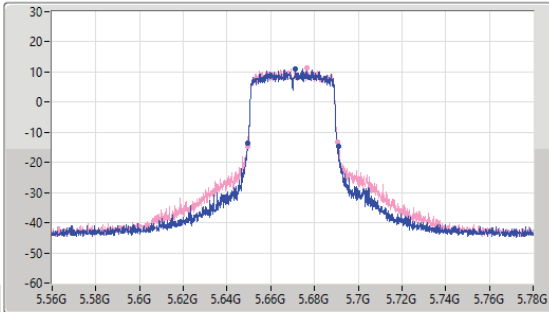
5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

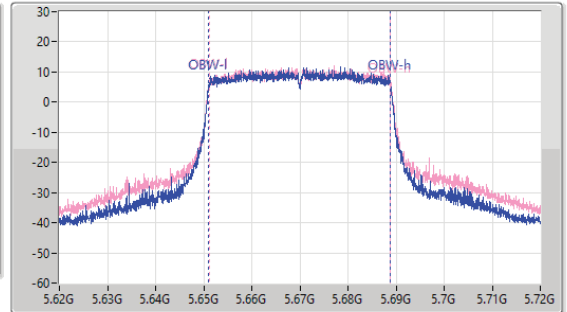
5670MHz

13/01/2023

CF: 5.67GHz
 Span: 220MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.67GHz
 Span: 100MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak



Port 1:
 Port 2:

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.47M	5.64943G	5.6909G	37.781M	5.651059G	5.688841G	Inf	1
41.14M	5.64932G	5.69046G	37.781M	5.651109G	5.688891G	Inf	2

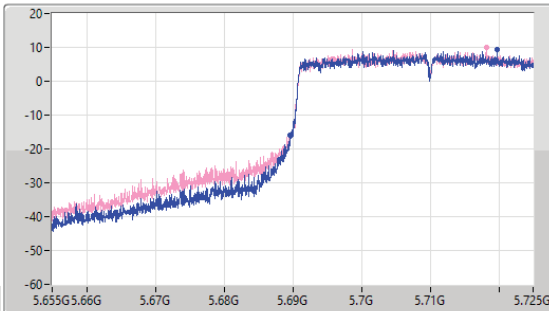
5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

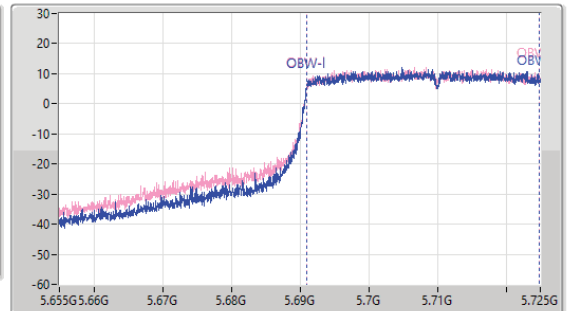
5710MHz Straddle 5.47-5.725GHz

13/01/2023

CF: 5.69GHz
 Span: 70MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.69GHz
 Span: 70MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak



Port 1:
 Port 2:

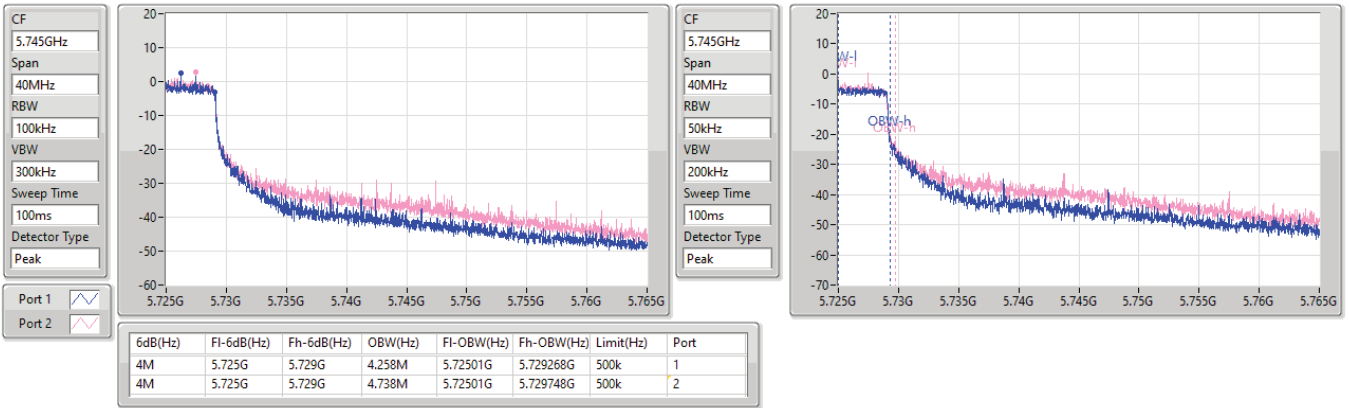
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.385M	5.689615G	5.725G	33.723M	5.691049G	5.724773G	Inf	1
35.455M	5.689545G	5.725G	33.758M	5.691049G	5.724808G	Inf	2

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

EBW

5710MHz Straddle 5.725-5.85GHz

13/01/2023

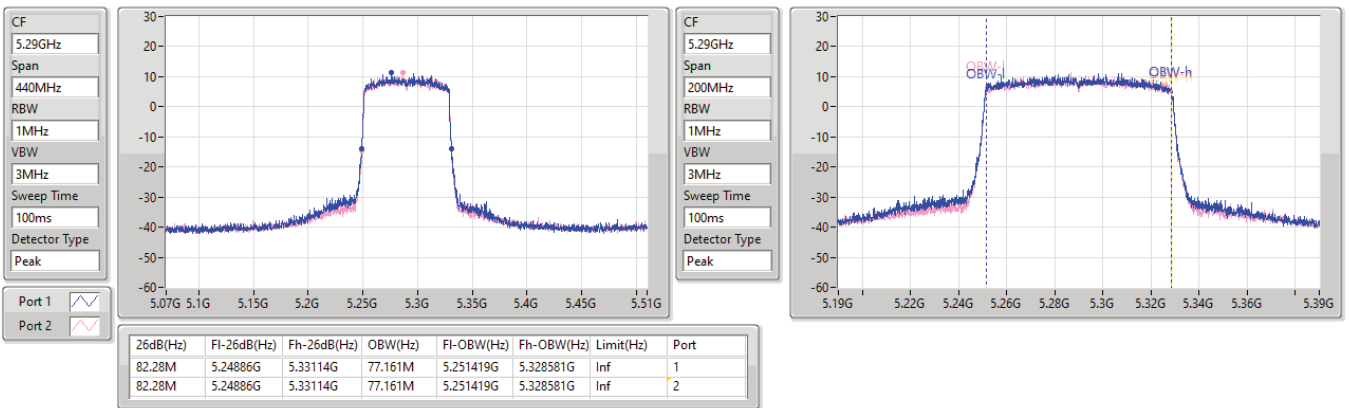


5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5290MHz

13/01/2023



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

EBW

5530MHz

13/01/2023

CF
5.53GHz

Span
440MHz

RBW
1MHz

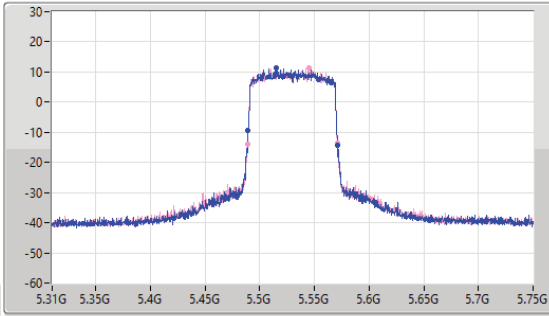
VBW
3MHz

Sweep Time
100ms

Detector Type
Peak

Port 1

Port 2



CF
5.53GHz

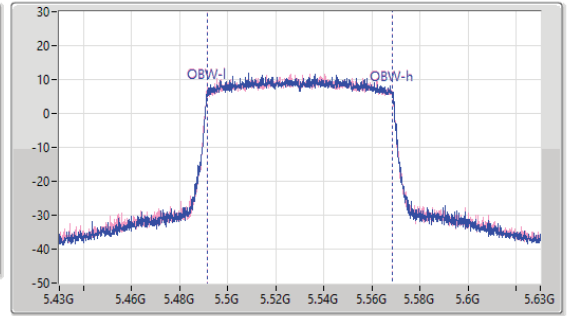
Span
200MHz

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
82.28M	5.48908G	5.57136G	77.061M	5.491519G	5.568581G	Inf	1
82.06M	5.48886G	5.57092G	77.061M	5.491419G	5.568481G	Inf	2

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

EBW

5610MHz

13/01/2023

CF
5.61GHz

Span
440MHz

RBW
1MHz

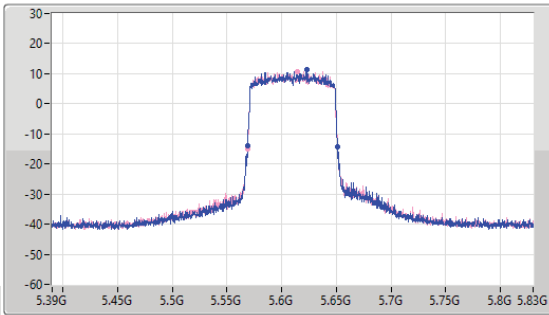
VBW
3MHz

Sweep Time
100ms

Detector Type
Peak

Port 1

Port 2



CF
5.61GHz

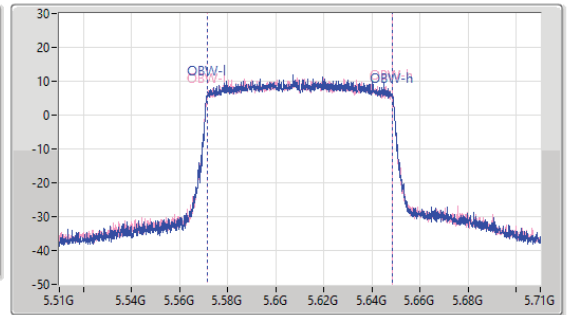
Span
200MHz

RBW
1MHz

VBW
3MHz

Sweep Time
100ms

Detector Type
Peak



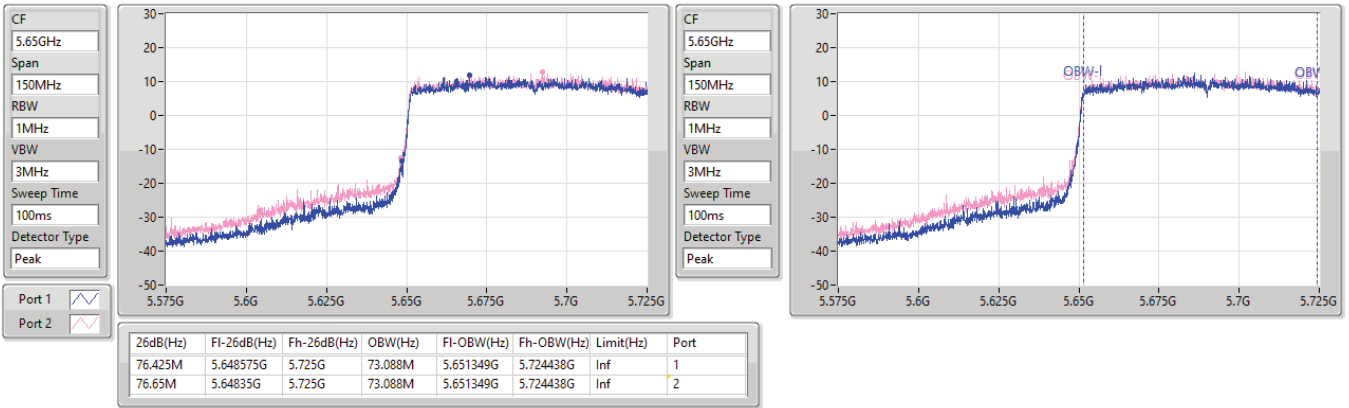
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.5M	5.56886G	5.65136G	77.161M	5.571419G	5.648581G	Inf	1
82.72M	5.56842G	5.65114G	77.161M	5.571419G	5.648581G	Inf	2

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

EBW

5690MHz Straddle 5.47-5.725GHz

13/01/2023

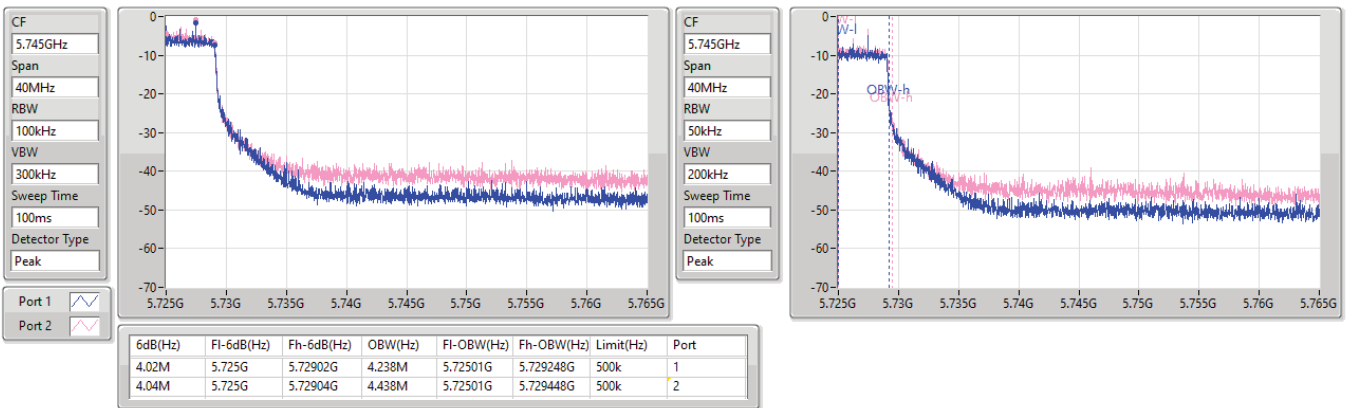


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

13/01/2023





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	81.52M	77.401M	77M4D1D	81.2M	77.321M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.965M	16.36M	16M4D1D	18.975M	16.338M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.67M	18.916M	18M9D1D	21.01M	18.891M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.59M	37.731M	37M7D1D	40.37M	37.681M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.72M	77.161M	77M2D1D	82.06M	77.161M
802.11ax HEW160_Nss1,(MCS0)_2TX	81.76M	77.401M	77M4D1D	81.2M	77.321M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.35M	16.382M	16M4D1D	15.12M	13.133M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.34M	18.941M	18M9D1D	15.78M	14.393M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.03M	37.731M	37M7D1D	35.035M	33.653M
802.11ax HEW80_Nss1,(MCS0)_2TX	83.16M	77.361M	77M4D1D	76.275M	73.163M
802.11ax HEW160_Nss1,(MCS0)_2TX	165.44M	155.122M	155MD1D	164.56M	155.122M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.2M	3.638M	3M64D1D	3.18M	3.538M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.46M	4.718M	4M72D1D	4.24M	4.638M
802.11ax HEW40_Nss1,(MCS0)_2TX	4.08M	6.097M	6M10D1D	3.98M	4.478M
802.11ax HEW80_Nss1,(MCS0)_2TX	4.08M	20.63M	20M6D1D	4.06M	15.372M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	18.975M	16.338M	19.47M	16.338M
5300MHz	Pass	Inf	19.47M	16.338M	19.195M	16.36M
5320MHz	Pass	Inf	19.965M	16.36M	19.195M	16.338M
5500MHz	Pass	Inf	20.35M	16.382M	19.69M	16.36M
5580MHz	Pass	Inf	20.075M	16.36M	19.195M	16.36M
5700MHz	Pass	Inf	19.415M	16.338M	19.195M	16.36M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.24M	13.133M	15.12M	13.133M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.2M	3.538M	3.18M	3.638M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.01M	18.891M	21.67M	18.916M
5300MHz	Pass	Inf	21.065M	18.916M	21.12M	18.916M
5320MHz	Pass	Inf	21.01M	18.916M	21.285M	18.891M
5500MHz	Pass	Inf	20.9M	18.916M	21.12M	18.891M
5580MHz	Pass	Inf	21.01M	18.941M	21.34M	18.916M
5700MHz	Pass	Inf	20.79M	18.866M	20.9M	18.866M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.78M	14.393M	15.93M	14.393M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.24M	4.638M	4.46M	4.718M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.37M	37.681M	40.48M	37.731M
5310MHz	Pass	Inf	40.59M	37.681M	40.59M	37.731M
5510MHz	Pass	Inf	40.37M	37.631M	40.48M	37.681M
5550MHz	Pass	Inf	40.7M	37.731M	40.37M	37.681M
5670MHz	Pass	Inf	40.7M	37.681M	41.03M	37.731M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.035M	33.653M	35.07M	33.653M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	4.478M	3.98M	6.097M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.06M	77.161M	82.72M	77.161M
5530MHz	Pass	Inf	82.72M	77.061M	82.06M	77.061M
5610MHz	Pass	Inf	83.16M	77.261M	82.72M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.275M	73.163M	76.65M	73.313M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	15.372M	4.06M	20.63M
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.52M	77.321M	81.2M	77.401M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.76M	77.401M	81.2M	77.321M
5570MHz	Pass	Inf	165.44M	155.122M	164.56M	155.122M

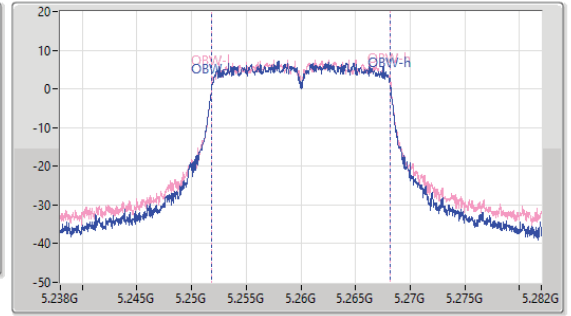
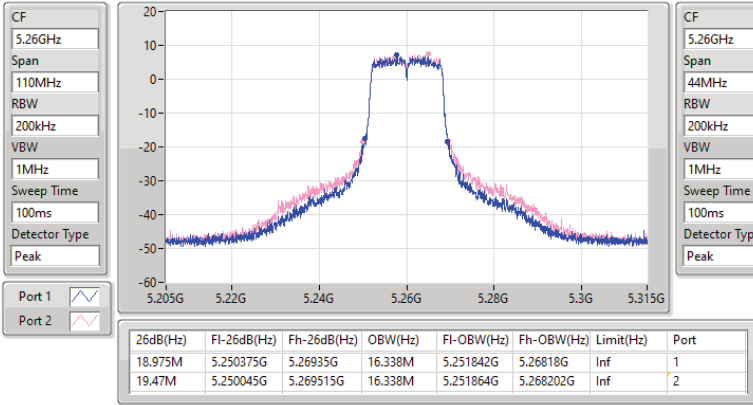
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5260MHz

13/01/2023

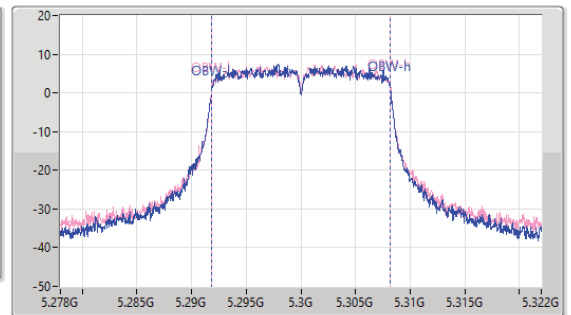
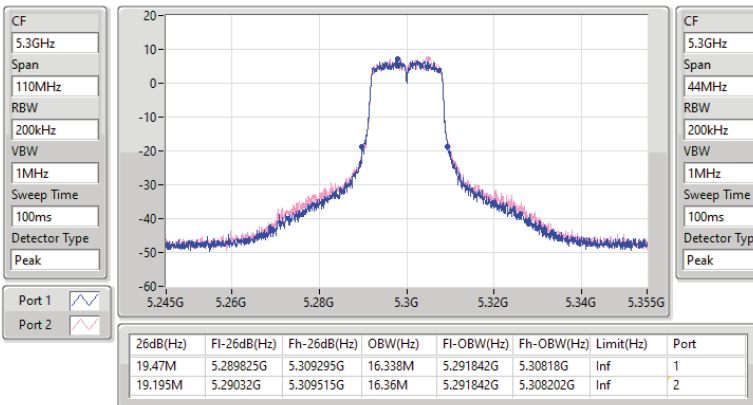


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

13/01/2023

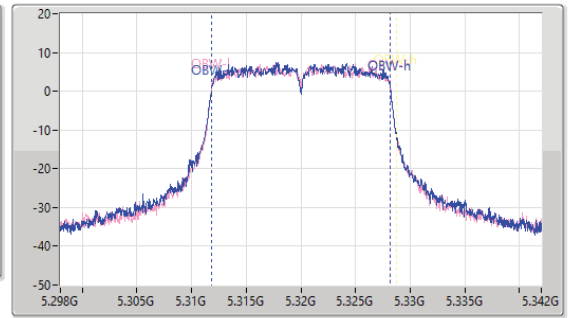
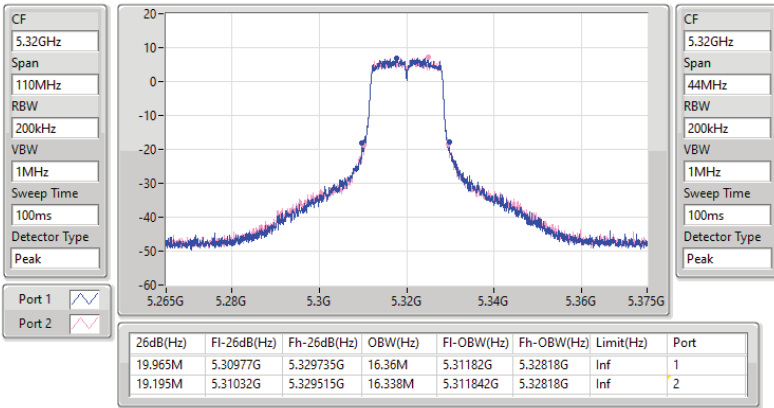


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

13/01/2023

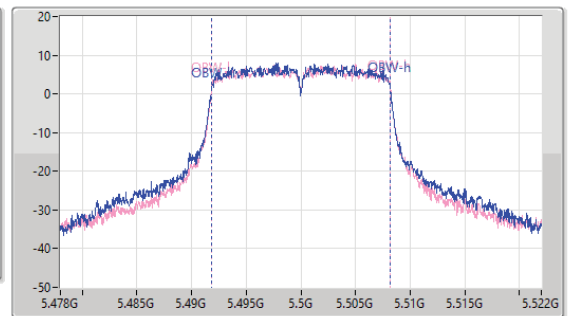
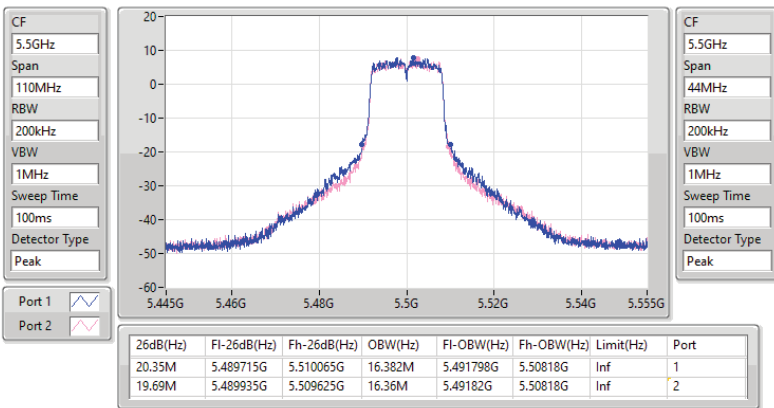


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

13/01/2023



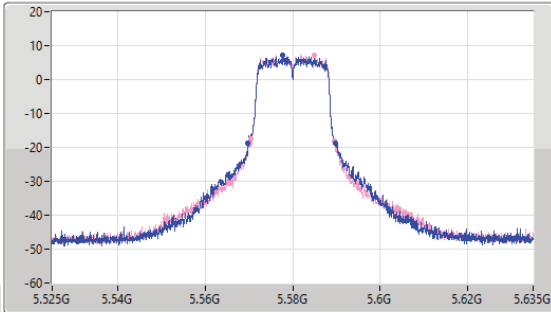
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

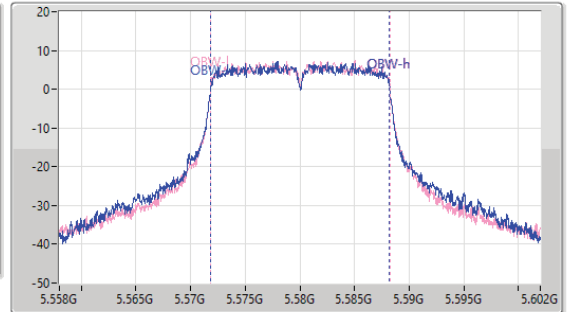
5580MHz

13/01/2023

CF
5.58GHz
Span
110MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.58GHz
Span
44MHz
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
20.075M	5.569715G	5.58979G	16.36M	5.571842G	5.588202G	Inf	1
19.195M	5.570375G	5.58957G	16.36M	5.571864G	5.588224G	Inf	2

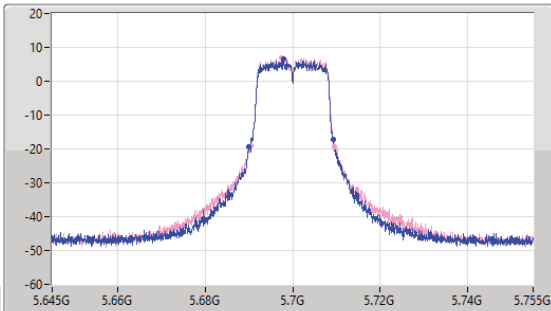
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

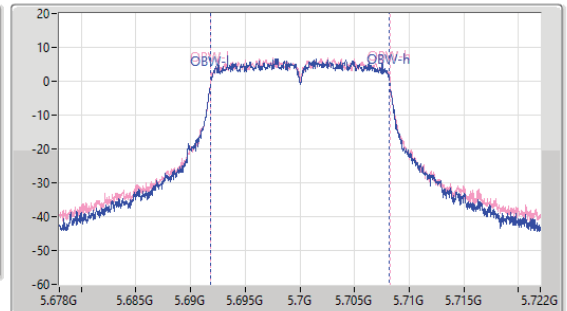
5700MHz

13/01/2023

CF
5.7GHz
Span
110MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.7GHz
Span
44MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



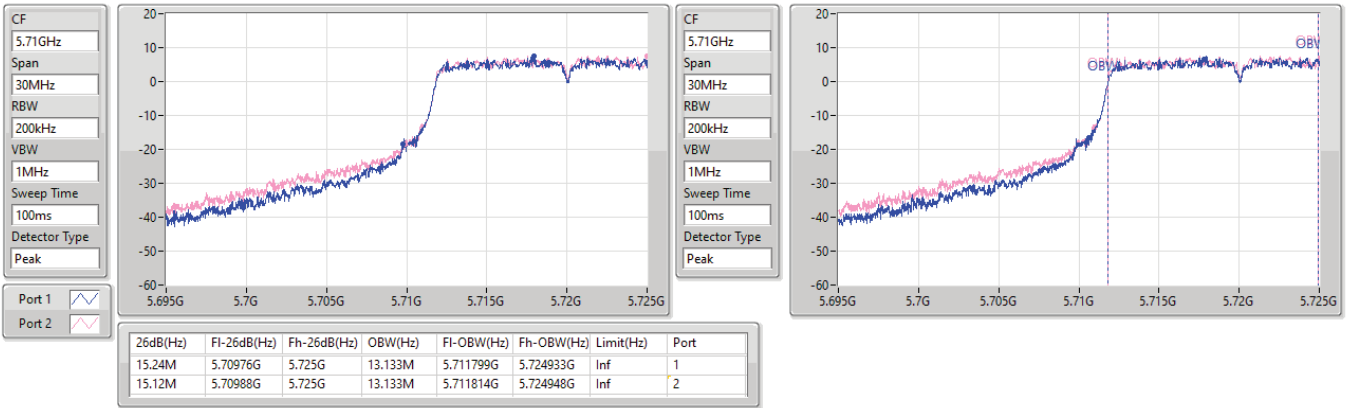
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.415M	5.689935G	5.70935G	16.338M	5.691864G	5.708202G	Inf	1
19.195M	5.690375G	5.70957G	16.36M	5.691864G	5.708224G	Inf	2

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

EBW

5720MHz Straddle 5.47-5.725GHz

13/01/2023

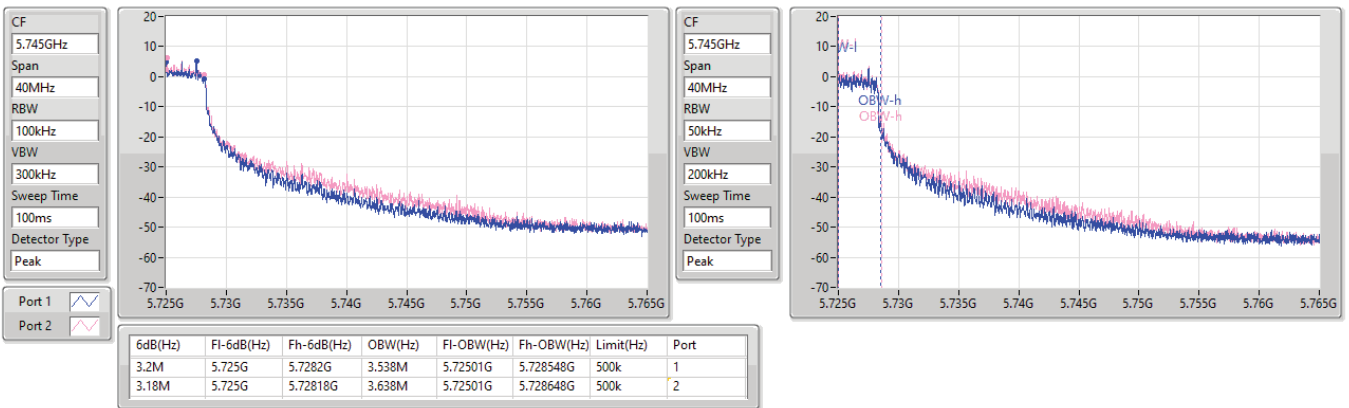


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

13/01/2023



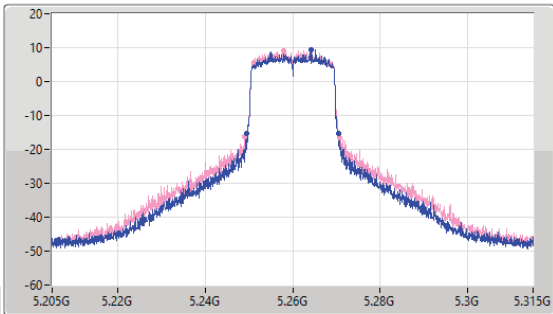
5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

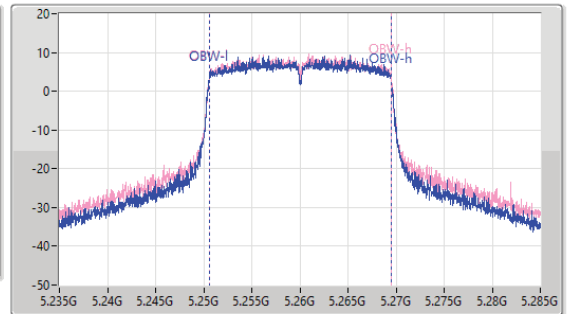
5260MHz

13/01/2023

CF
5.26GHz
Span
110MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.26GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.01M	5.24955G	5.27056G	18.891M	5.25058G	5.26947G	Inf	1
21.67M	5.24911G	5.27078G	18.916M	5.25058G	5.269495G	Inf	2

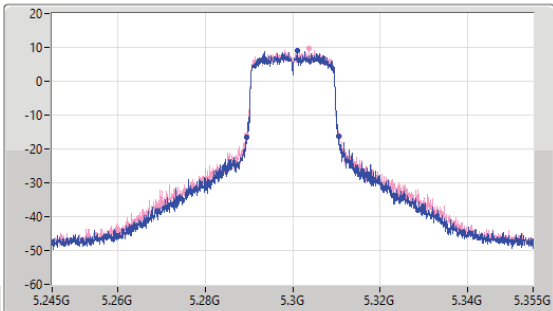
5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

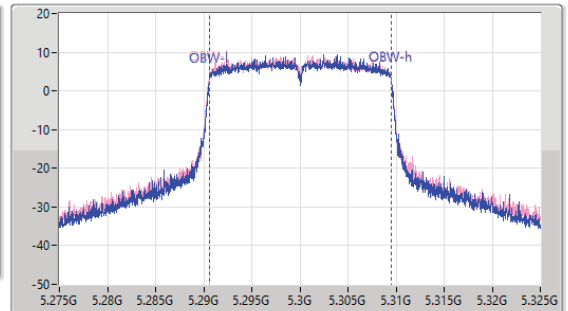
5300MHz

13/01/2023

CF
5.3GHz
Span
110MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.3GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.065M	5.289385G	5.31045G	18.916M	5.29058G	5.309495G	Inf	1
21.12M	5.28955G	5.31067G	18.916M	5.29058G	5.309495G	Inf	2

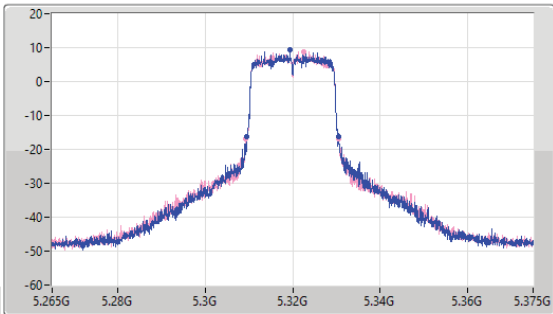
5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

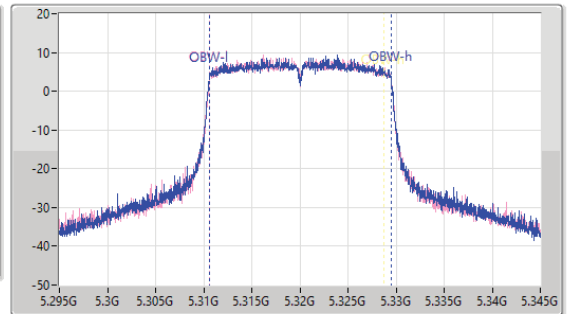
5320MHz

13/01/2023

CF
5.32GHz
Span
110MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.32GHz
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
21.01M	5.30955G	5.33056G	18.916M	5.31058G	5.329495G	Inf	1
21.285M	5.30933G	5.330615G	18.891M	5.310605G	5.329495G	Inf	2

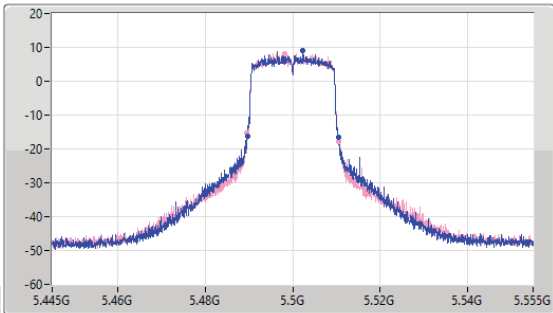
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

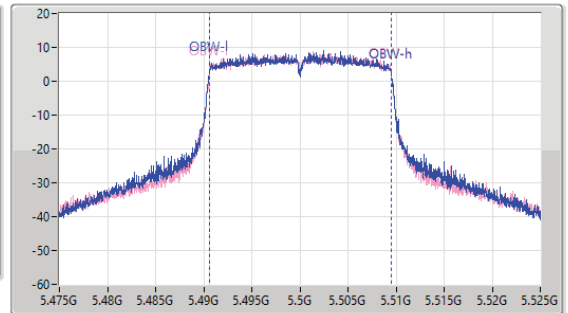
5500MHz

13/01/2023

CF
5.5GHz
Span
110MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.5GHz
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
20.9M	5.489605G	5.510505G	18.916M	5.49058G	5.509495G	Inf	1
21.12M	5.489495G	5.510615G	18.891M	5.490605G	5.509495G	Inf	2

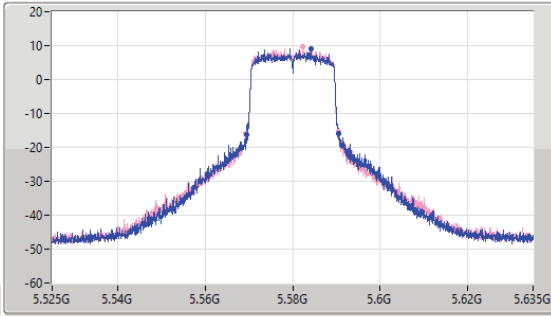
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

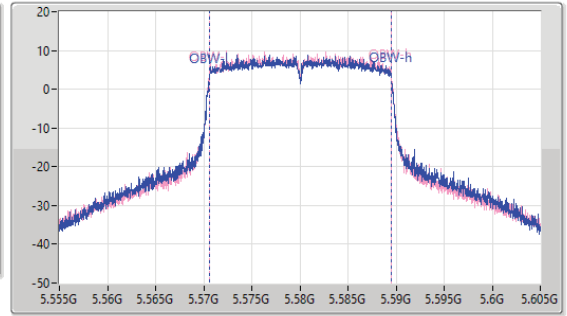
5580MHz

13/01/2023

CF
5.58GHz
Span
110MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.58GHz
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
21.01M	5.569495G	5.590505G	18.941M	5.570555G	5.589495G	Inf	1
21.34M	5.569275G	5.590615G	18.916M	5.57058G	5.589495G	Inf	2

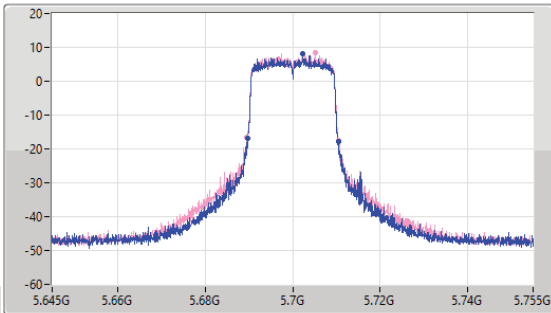
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

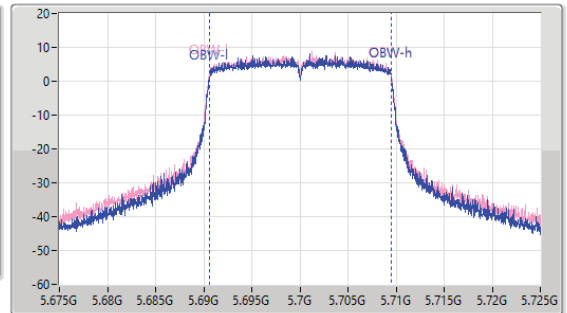
5700MHz

13/01/2023

CF
5.7GHz
Span
110MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.7GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



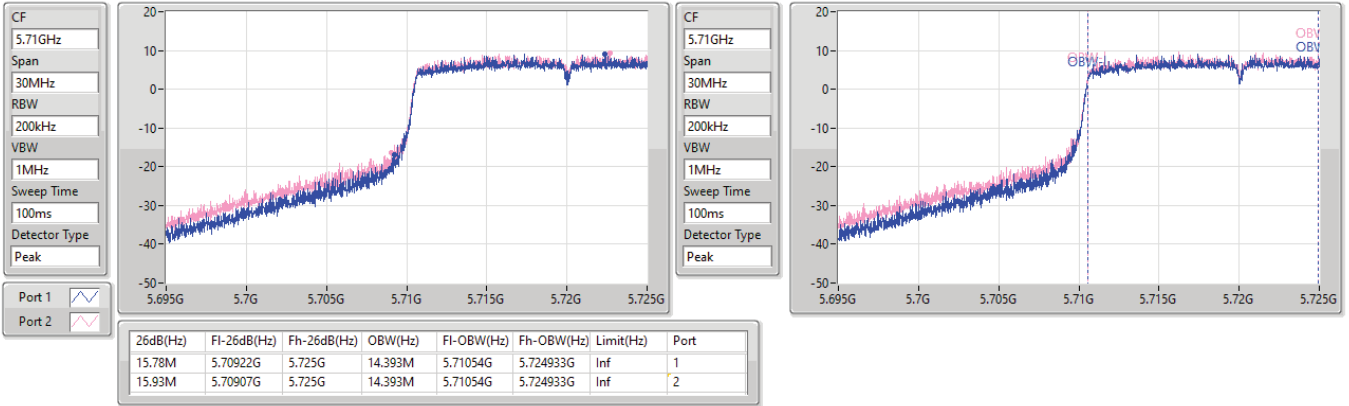
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.79M	5.689715G	5.710505G	18.866M	5.690605G	5.70947G	Inf	1
20.9M	5.68955G	5.71045G	18.866M	5.690605G	5.70947G	Inf	2

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

EBW

5720MHz Straddle 5.47-5.725GHz

13/01/2023

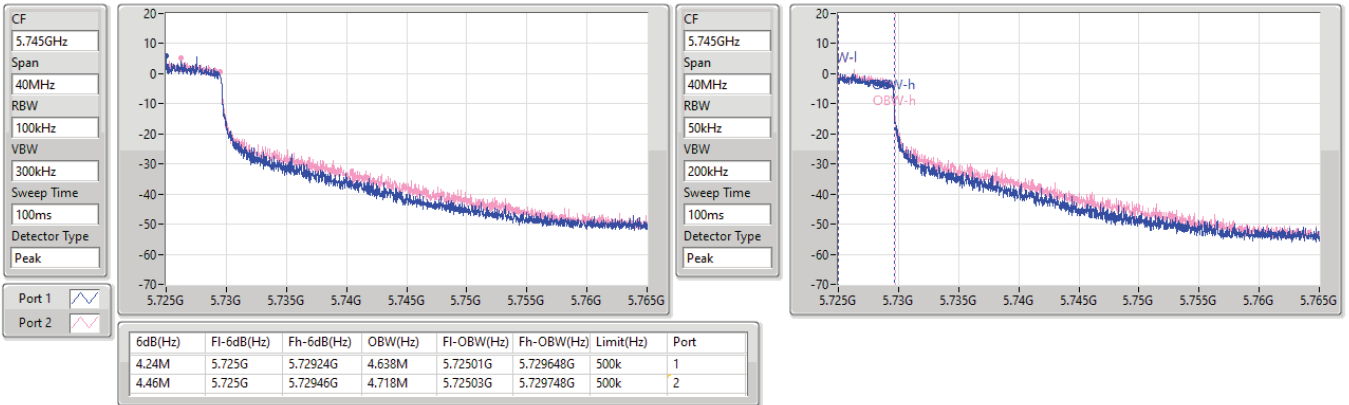


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

13/01/2023



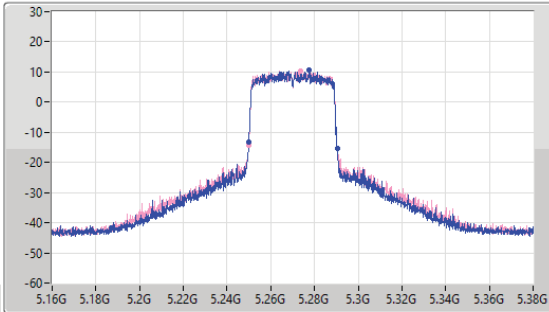
5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

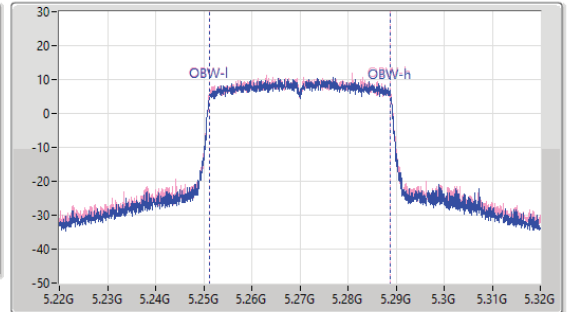
5270MHz

13/01/2023

CF
5.27GHz
Span
220MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.27GHz
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
40.37M	5.24998G	5.29035G	37.681M	5.251209G	5.288891G	Inf	1
40.48M	5.24987G	5.29035G	37.731M	5.251159G	5.288891G	Inf	2

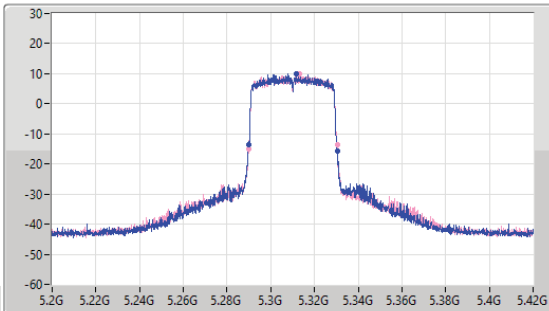
5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

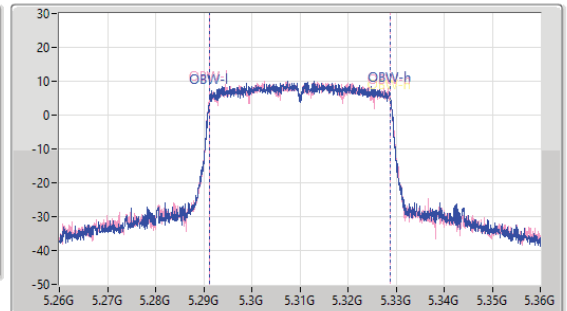
5310MHz

13/01/2023

CF
5.31GHz
Span
220MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.31GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



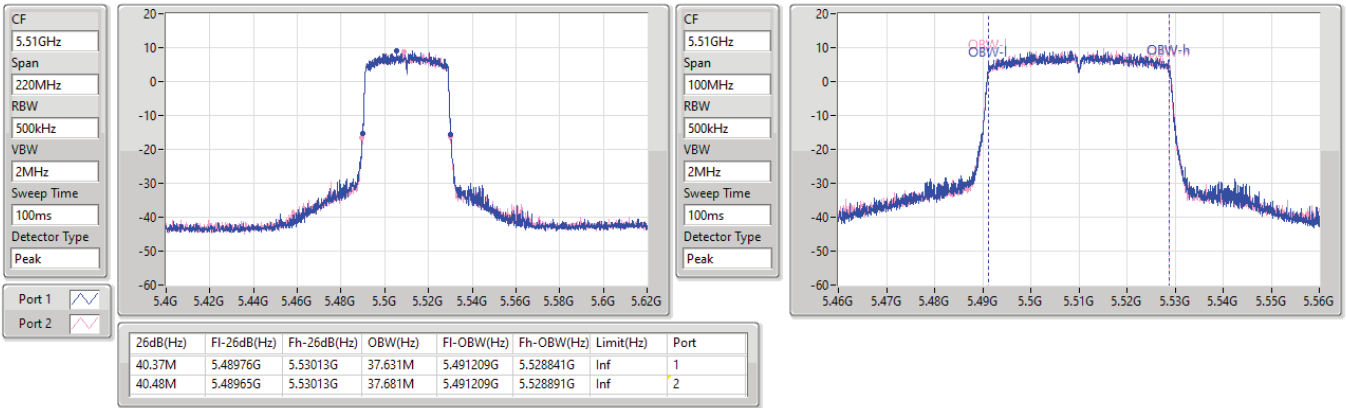
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.59M	5.28976G	5.33035G	37.681M	5.291209G	5.328891G	Inf	1
40.59M	5.28976G	5.33035G	37.731M	5.291159G	5.328891G	Inf	2

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

EBW

5510MHz

13/01/2023

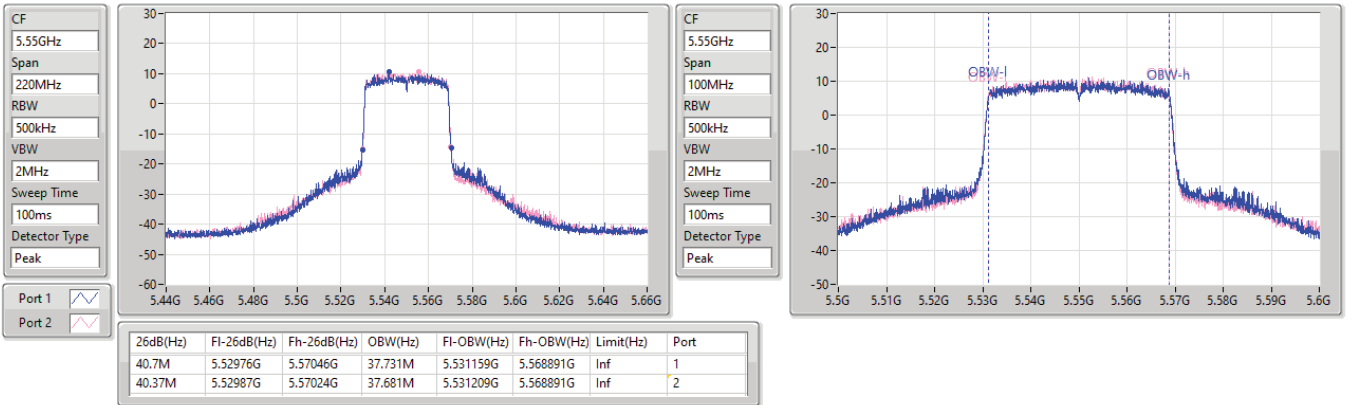


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5550MHz

13/01/2023

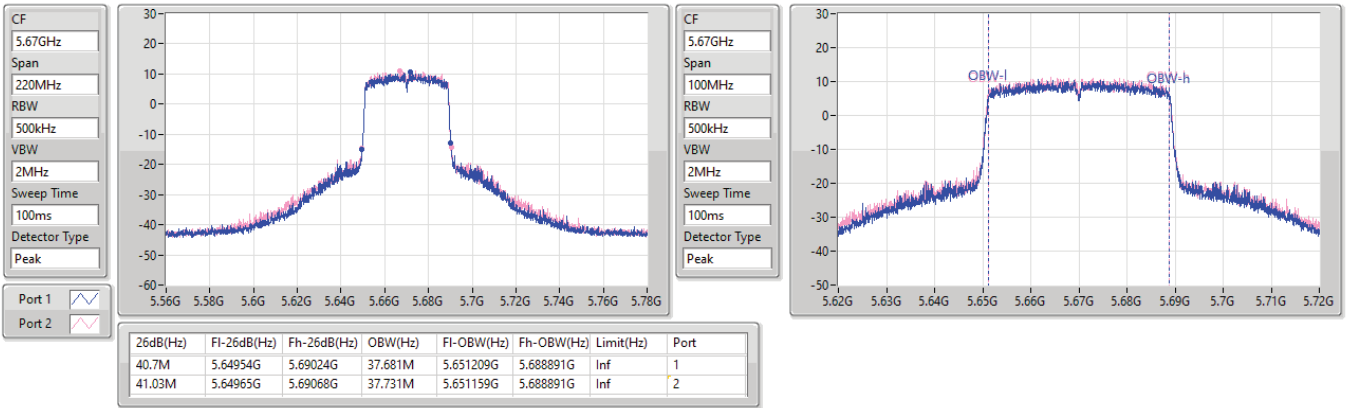


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5670MHz

13/01/2023

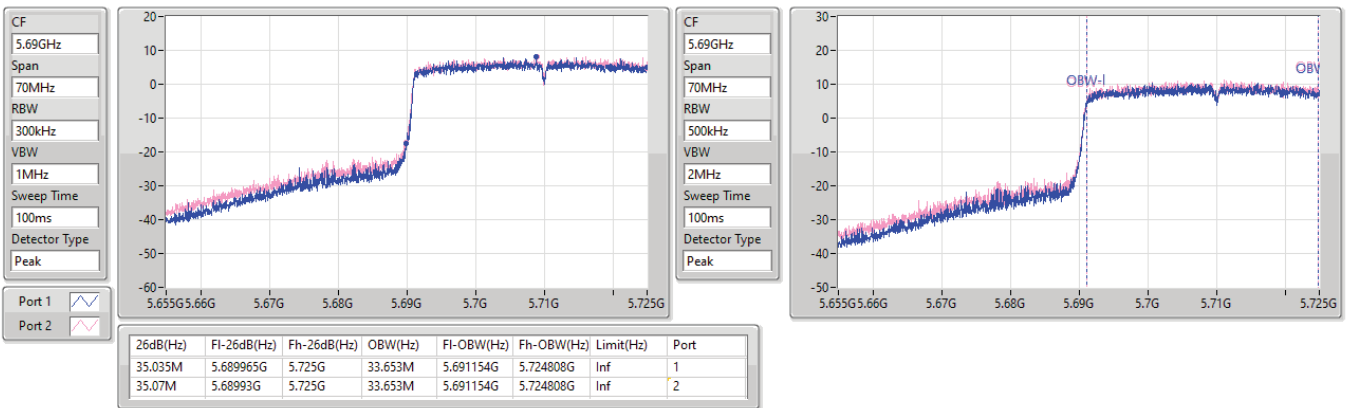


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

13/01/2023

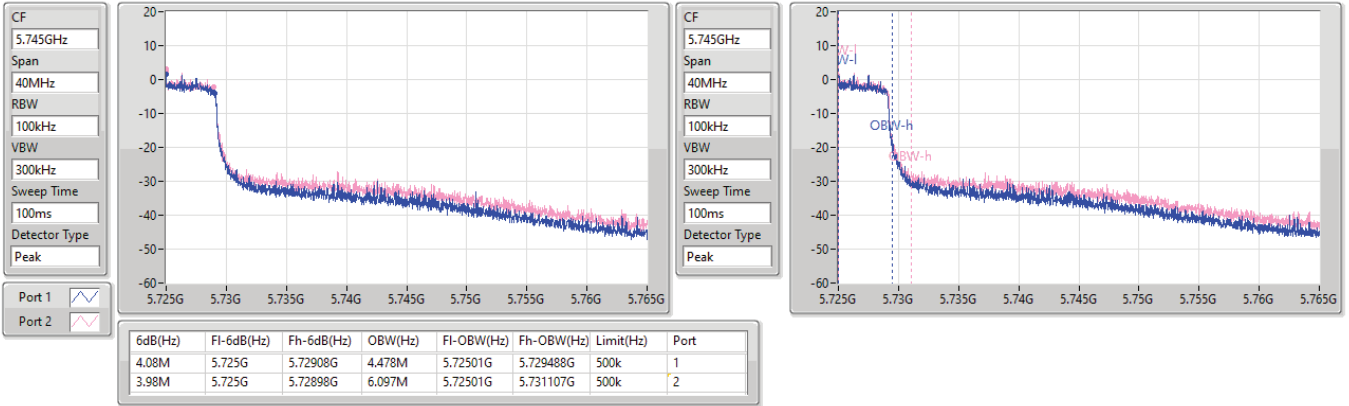


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

13/01/2023

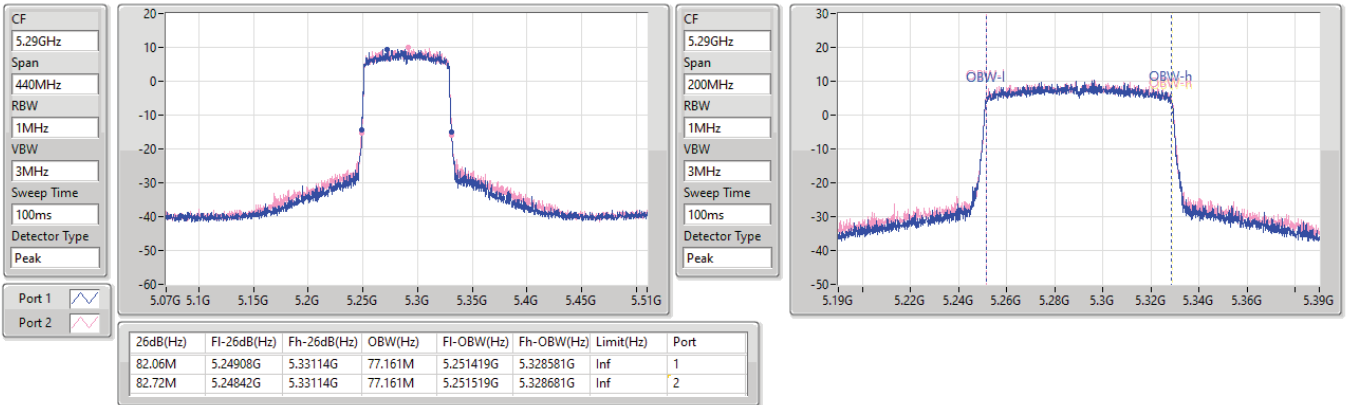


5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5290MHz

13/01/2023



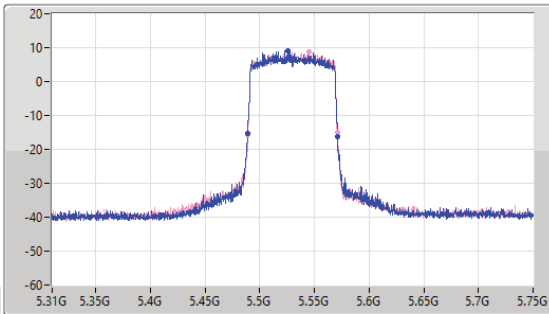
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

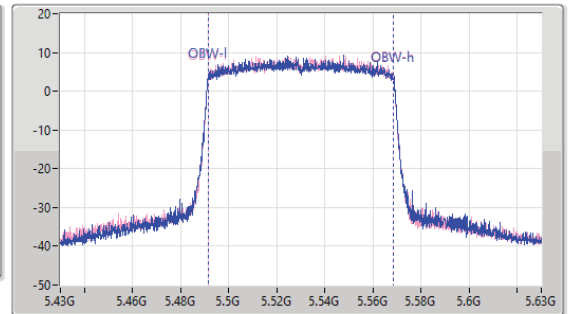
5530MHz

13/01/2023

CF
5.53GHz
Span
440MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.53GHz
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
82.72M	5.48864G	5.57136G	77.061M	5.491519G	5.568581G	Inf	1
82.06M	5.48886G	5.57092G	77.061M	5.491519G	5.568581G	Inf	2

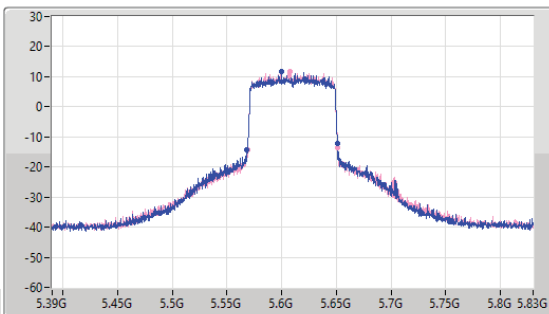
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

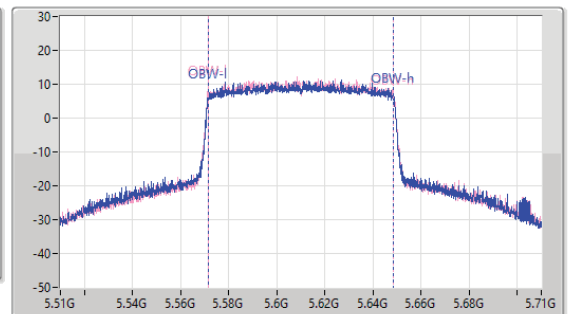
5610MHz

13/01/2023

CF
5.61GHz
Span
440MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.61GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



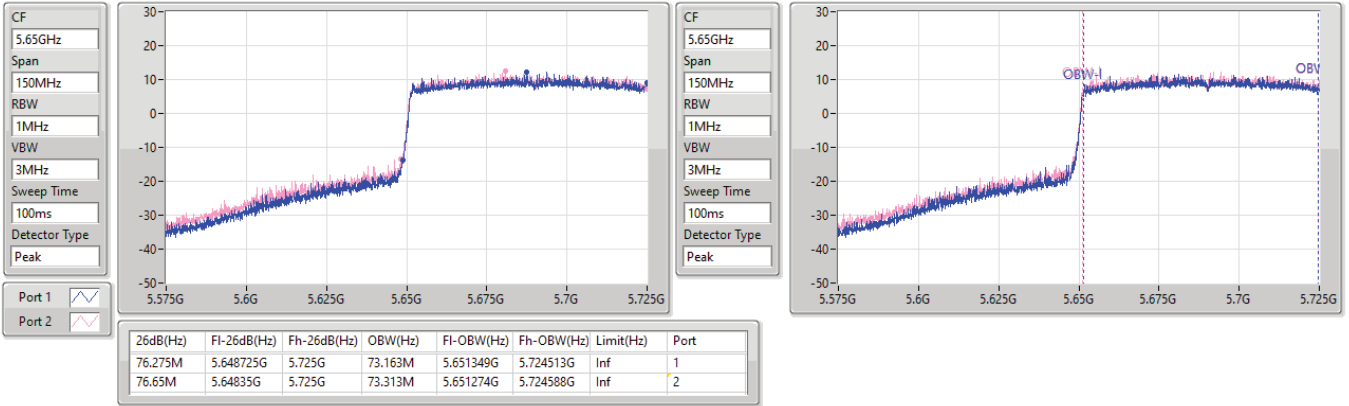
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.16M	5.56798G	5.65114G	77.261M	5.571419G	5.648681G	Inf	1
82.72M	5.56886G	5.65158G	77.361M	5.571319G	5.648681G	Inf	2

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

EBW

5690MHz Straddle 5.47-5.725GHz

13/01/2023

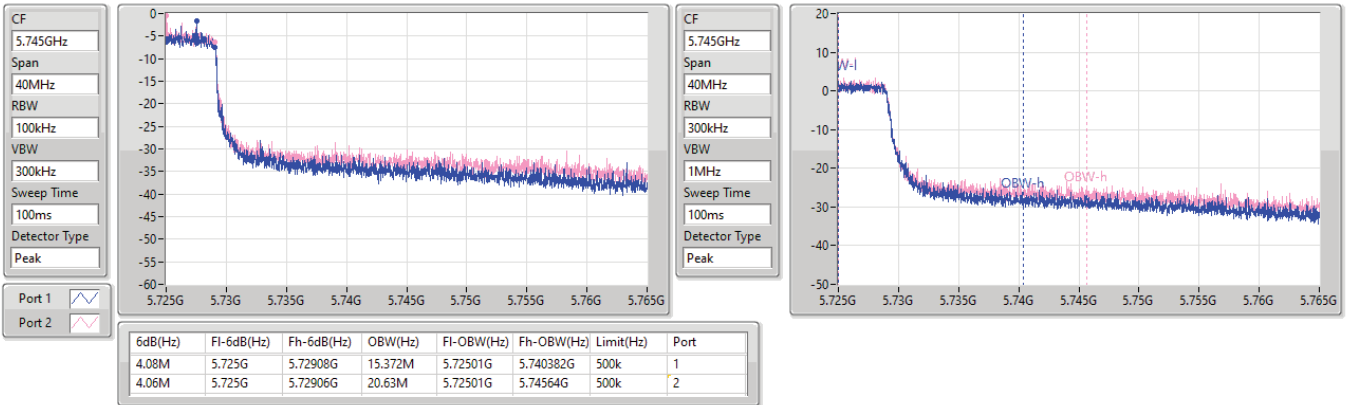


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

13/01/2023

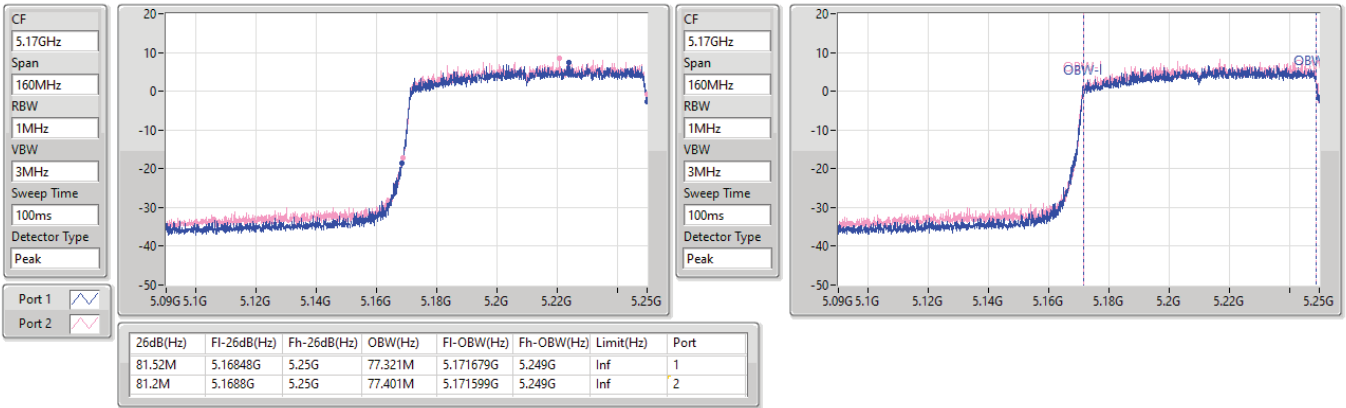


5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

15/02/2023

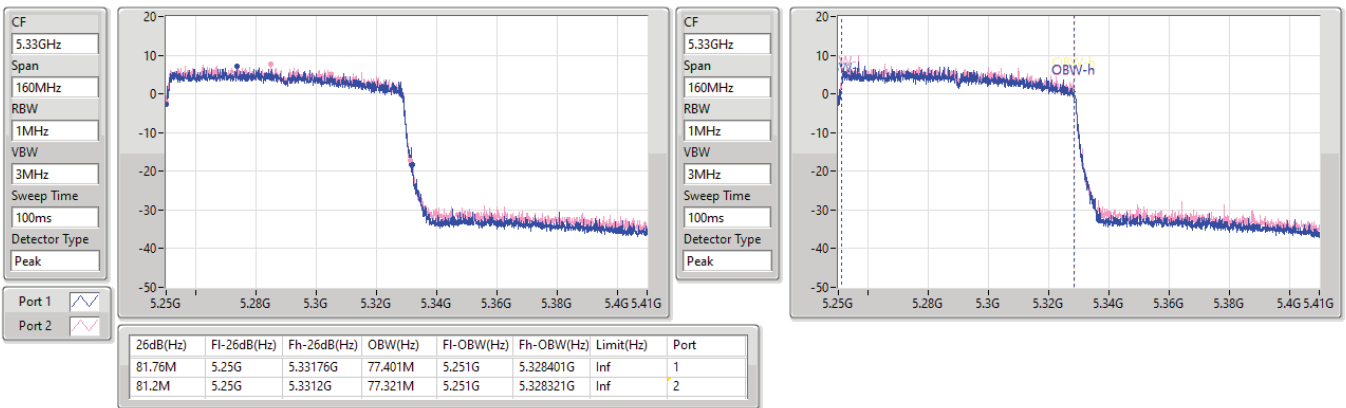


5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

15/02/2023



5.47-5.725GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5570MHz

15/02/2023

CF
5.57GHz

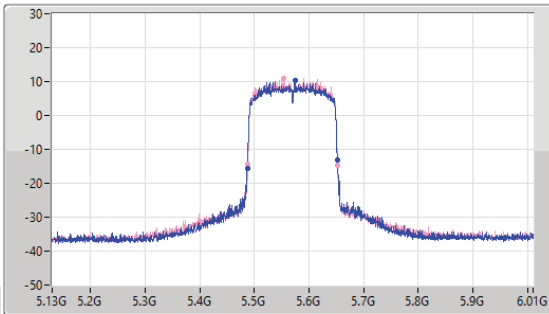
Span
880MHz

RBW
2MHz

VBW
10MHz

Sweep Time
100ms

Detector Type
Peak



CF
5.57GHz

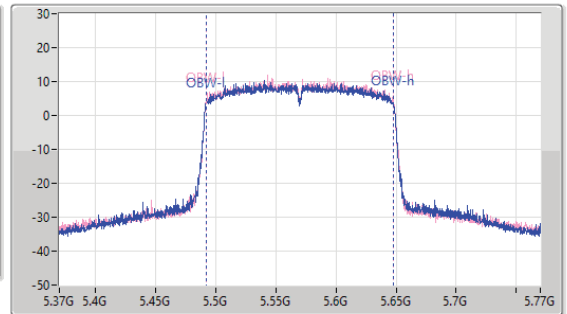
Span
400MHz


RBW
2MHz


VBW
10MHz

Sweep Time
100ms

Detector Type
Peak



Port 1 

Port 2 

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.44M	5.48684G	5.65228G	155.122M	5.492439G	5.647561G	Inf	1
164.56M	5.48772G	5.65228G	155.122M	5.492439G	5.647561G	Inf	2



Summary

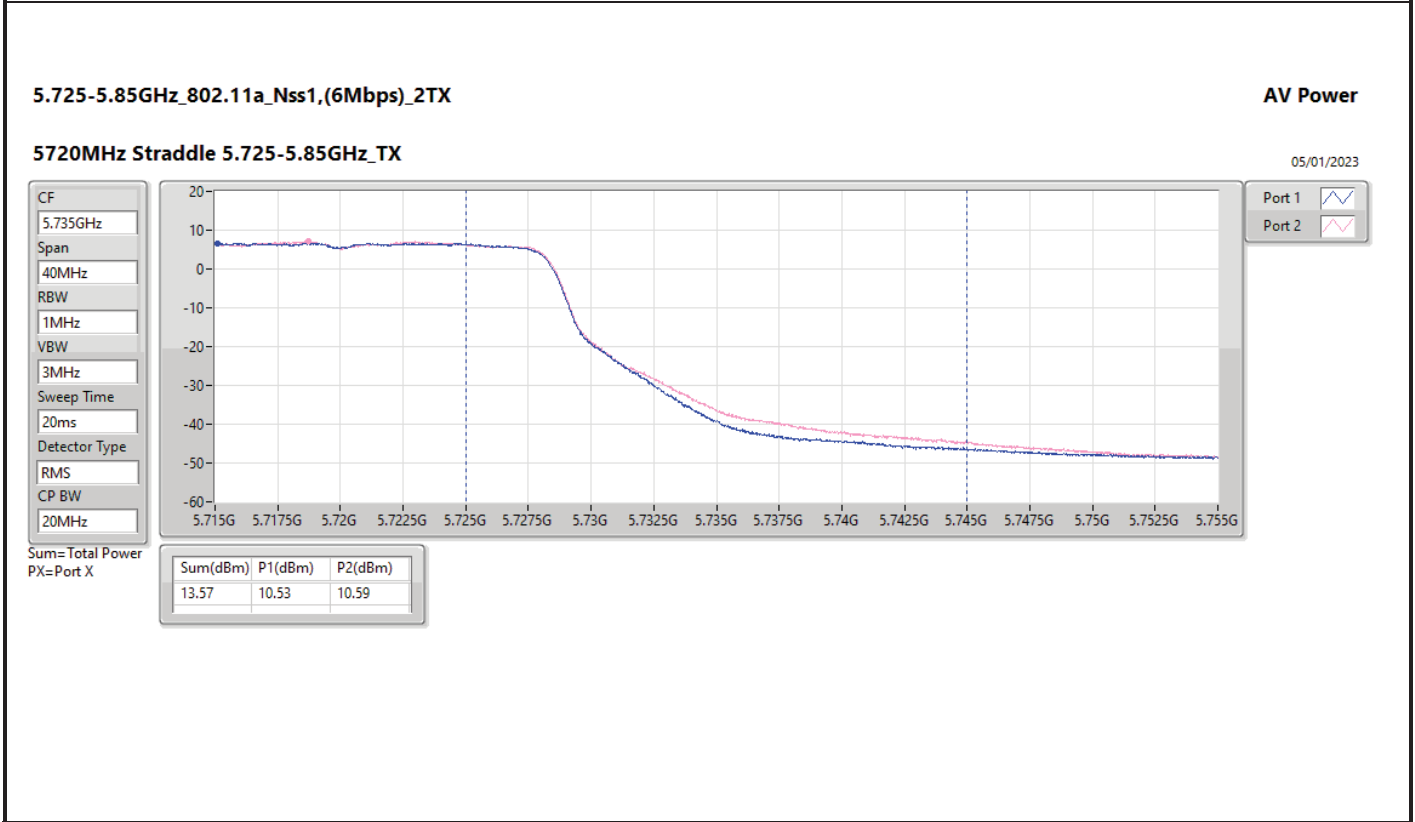
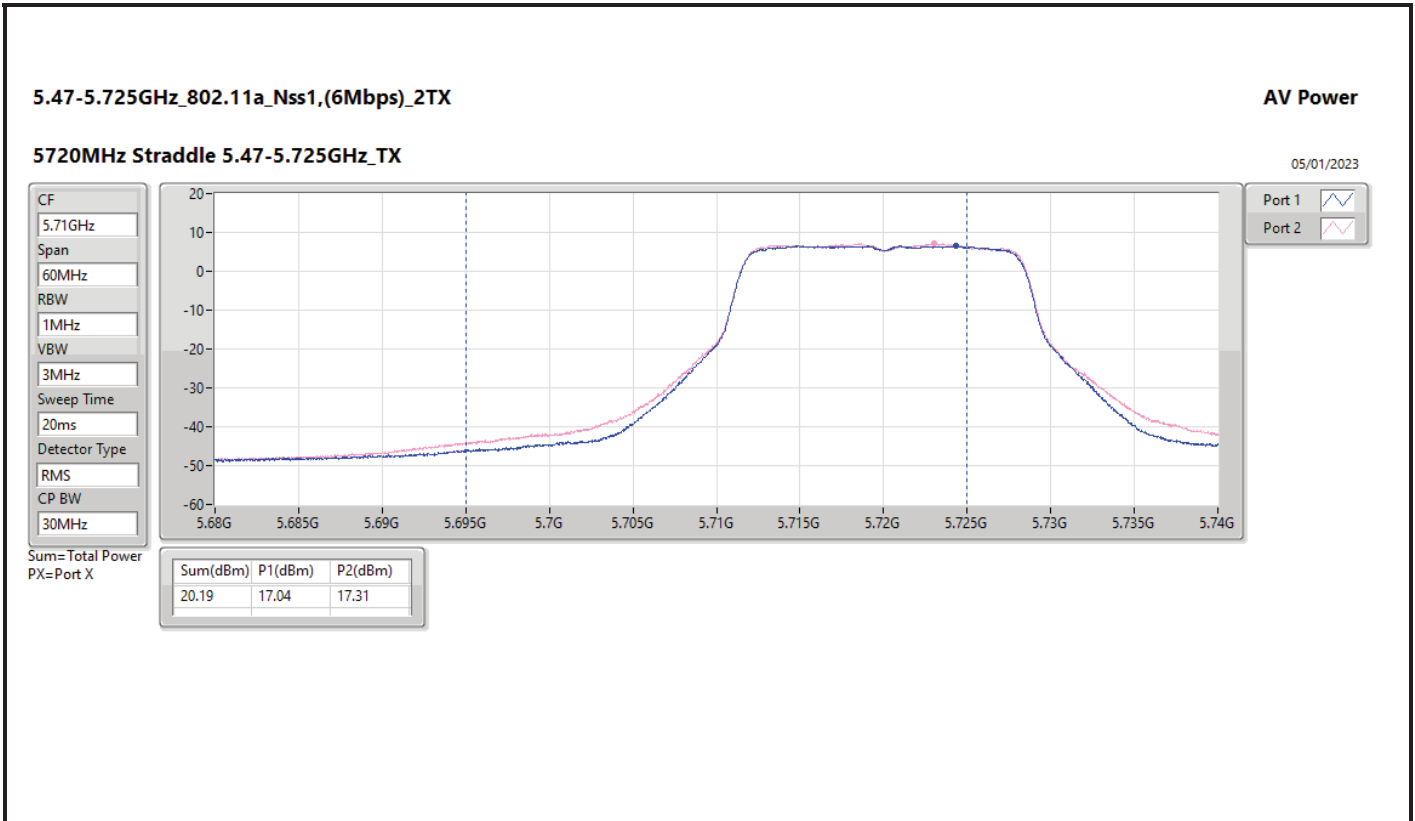
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.30	0.13490	25.59	0.36224
802.11ax HEW20_Nss1,(MCS0)_2TX	21.00	0.12589	25.29	0.33806
802.11ax HEW40_Nss1,(MCS0)_2TX	21.52	0.14191	25.81	0.38107
802.11ax HEW80_Nss1,(MCS0)_2TX	20.51	0.11246	24.80	0.30200
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.63	0.14555	25.92	0.39084
802.11ax HEW20_Nss1,(MCS0)_2TX	21.26	0.13366	25.55	0.35892
802.11ax HEW40_Nss1,(MCS0)_2TX	21.71	0.14825	26.00	0.39811
802.11ax HEW80_Nss1,(MCS0)_2TX	21.01	0.12618	25.30	0.33884
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	13.57	0.02275	17.86	0.06109
802.11ax HEW20_Nss1,(MCS0)_2TX	14.05	0.02541	18.34	0.06823
802.11ax HEW40_Nss1,(MCS0)_2TX	10.71	0.01178	15.00	0.03162
802.11ax HEW80_Nss1,(MCS0)_2TX	6.33	0.00430	10.62	0.01153

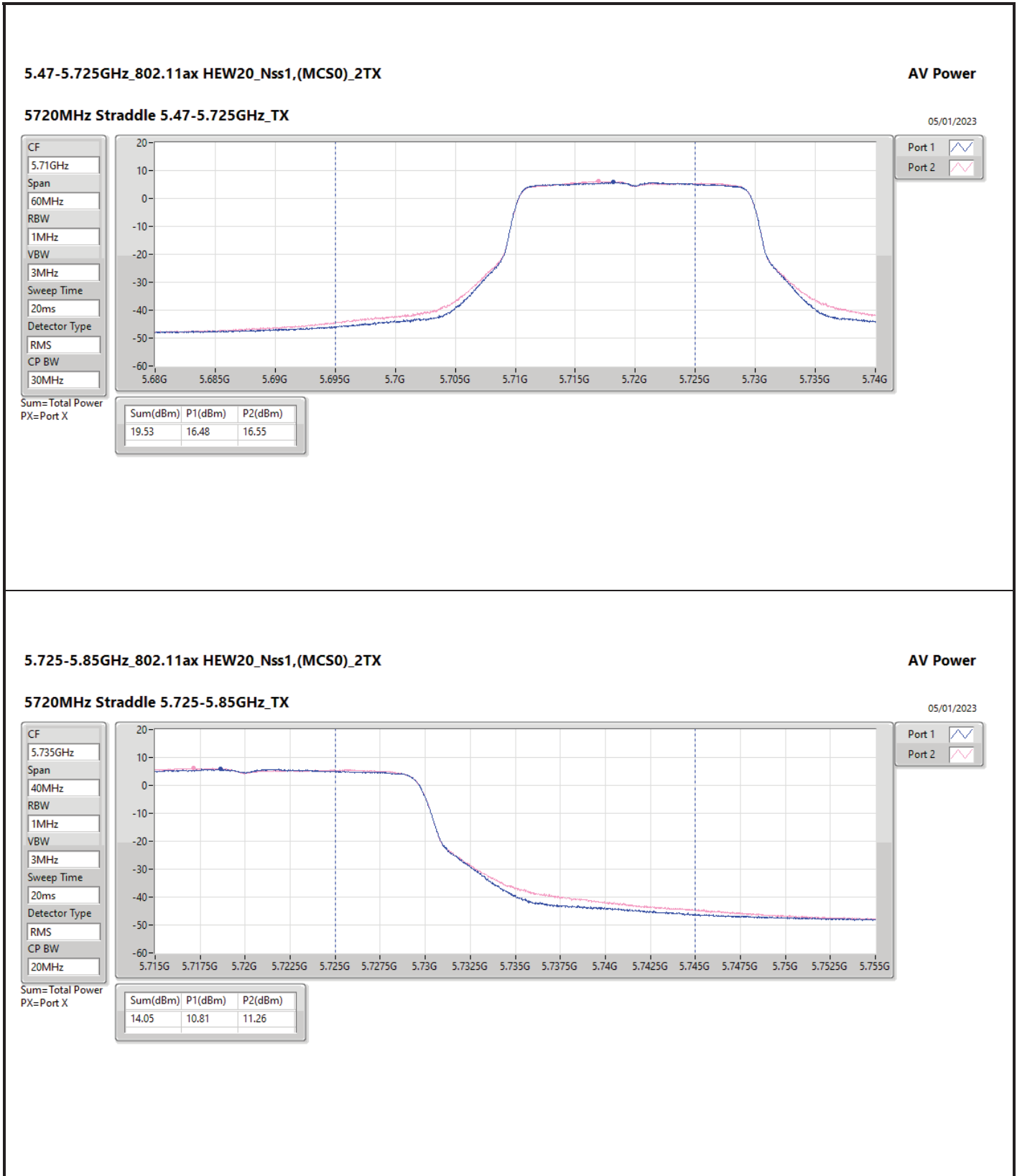


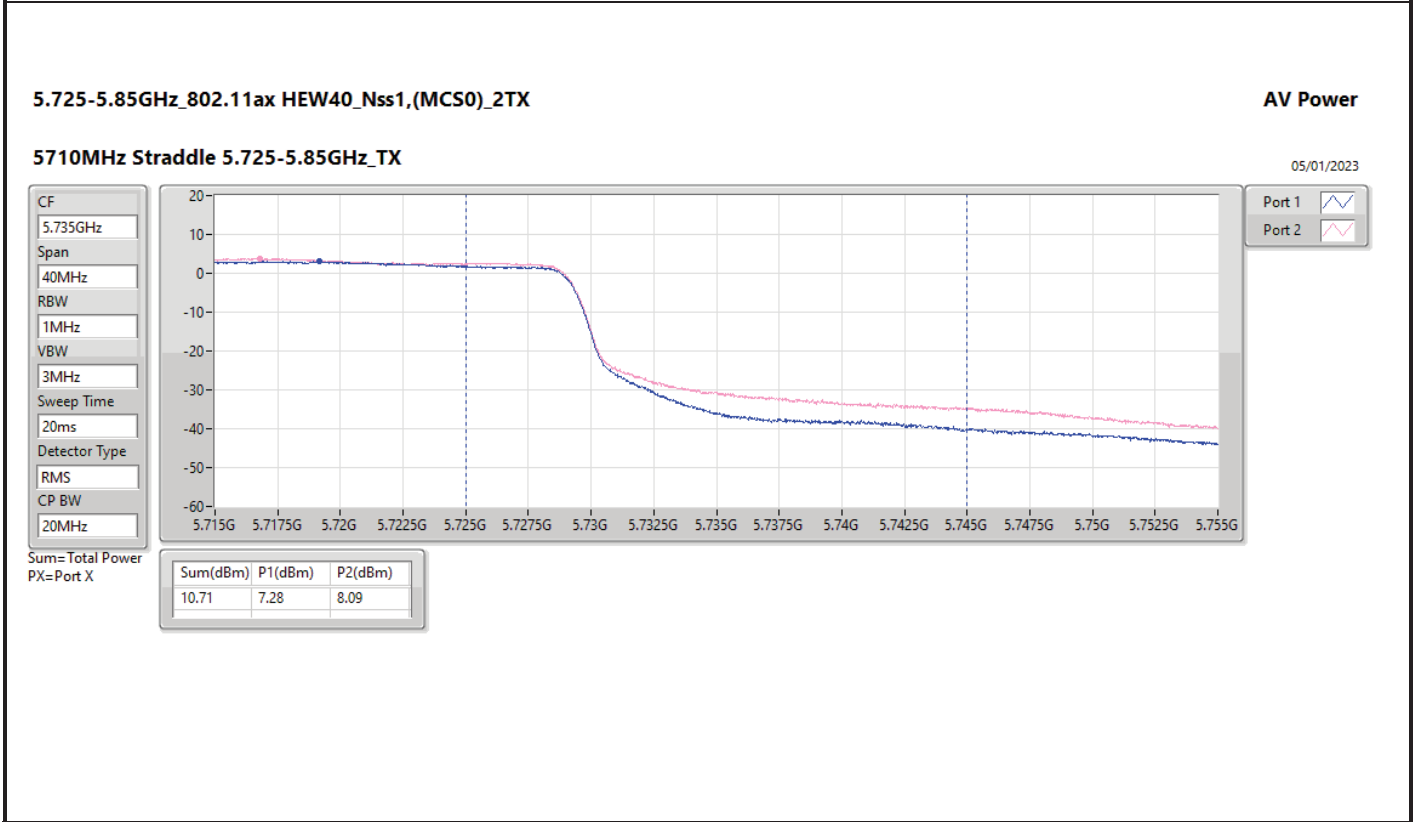
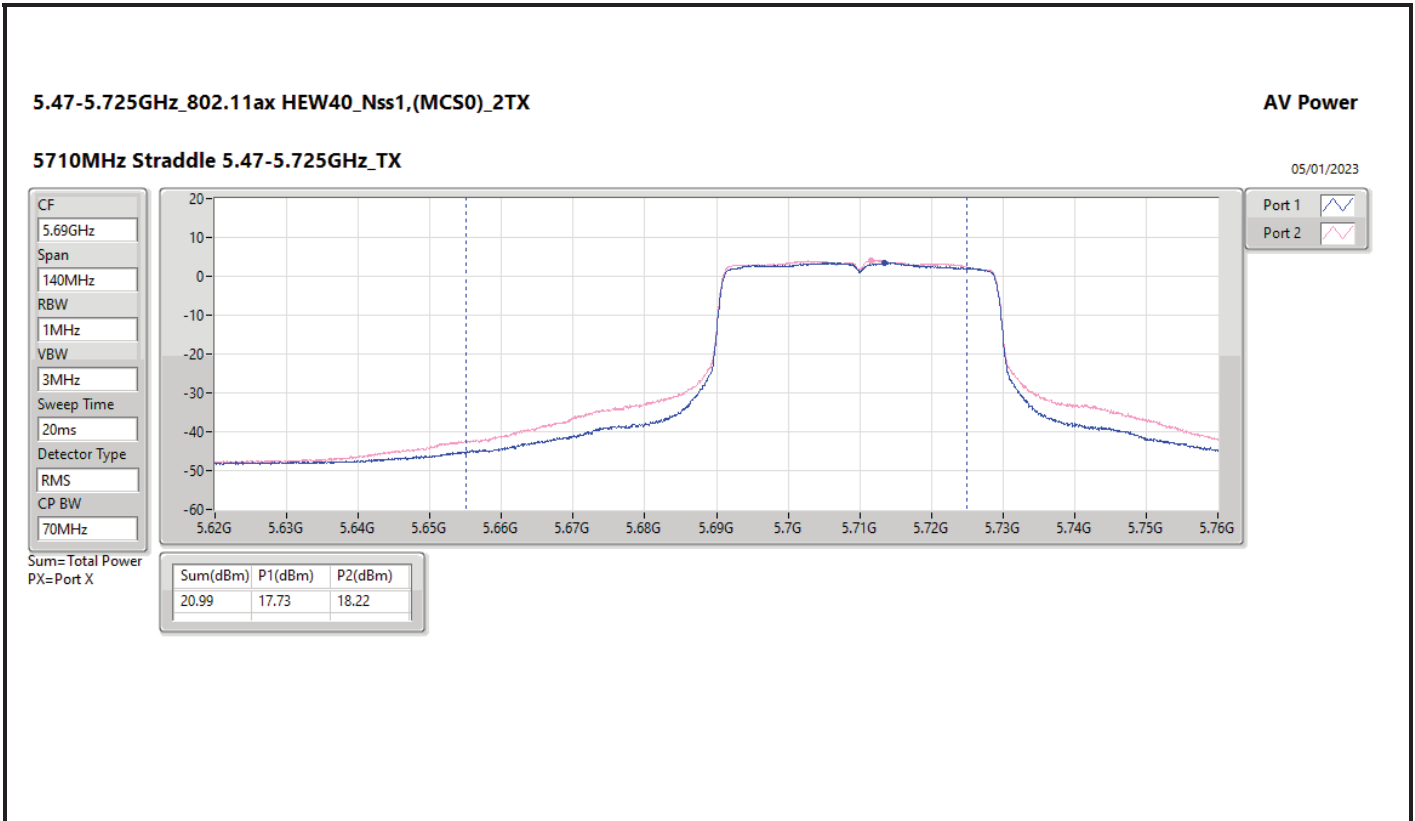
Result

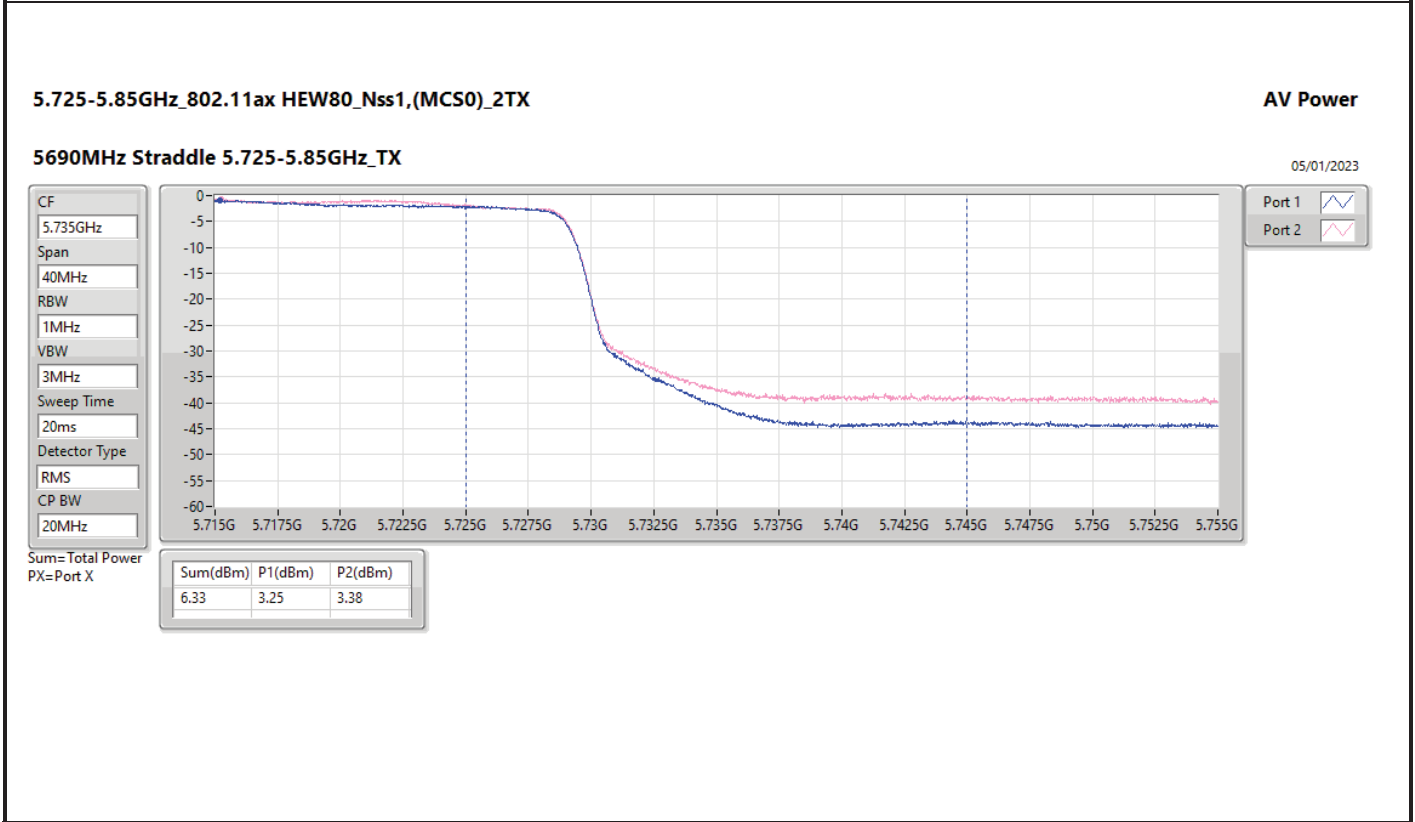
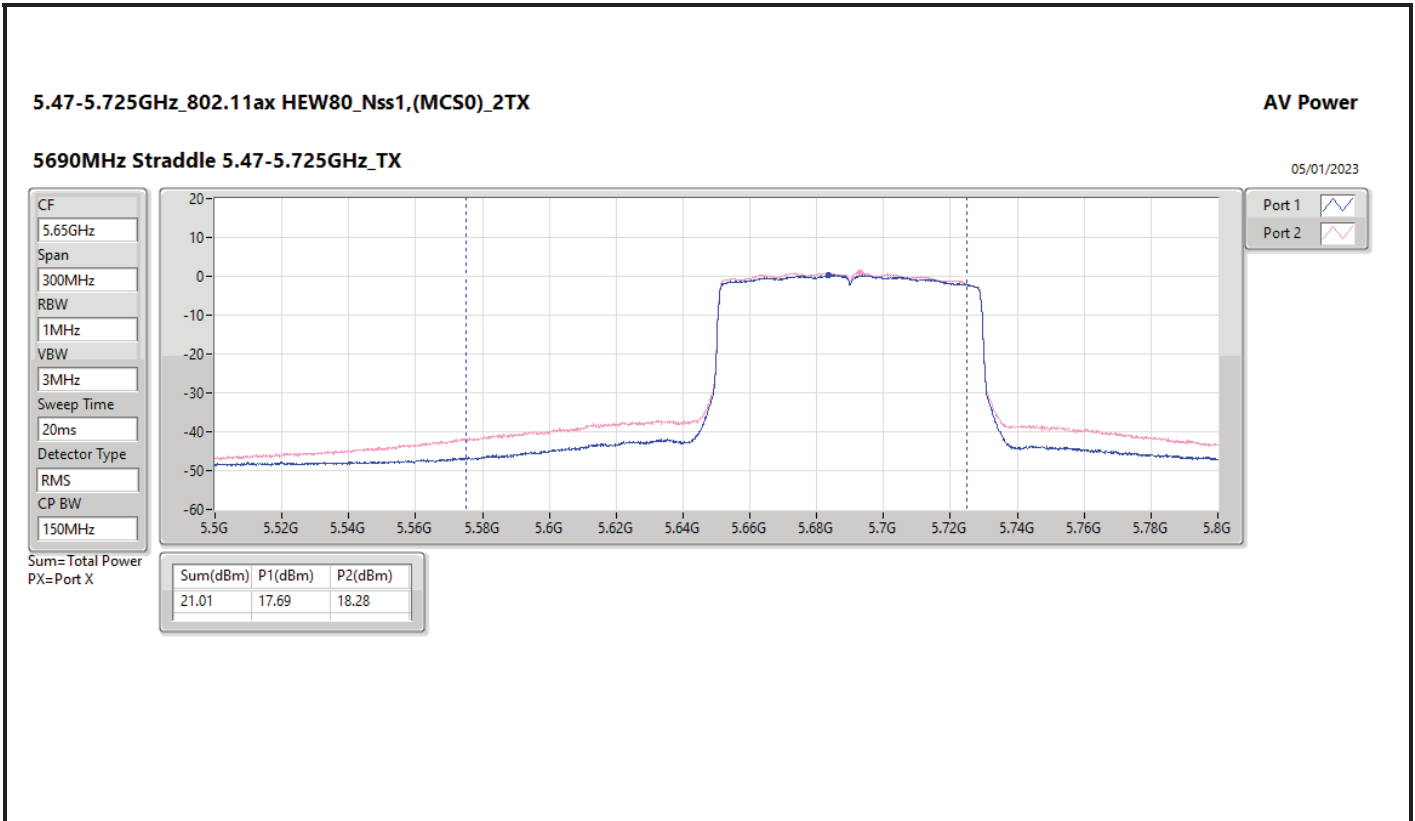
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.29	18.39	18.16	21.29	23.98	25.58	30.00
5300MHz	Pass	4.29	18.44	18.04	21.25	23.93	25.54	29.93
5320MHz	Pass	4.29	18.55	18.02	21.30	23.98	25.59	30.00
5500MHz	Pass	4.29	18.69	18.54	21.63	23.98	25.92	30.00
5580MHz	Pass	4.29	18.04	17.74	20.90	23.98	25.19	30.00
5700MHz	Pass	4.29	18.28	18.85	21.58	23.98	25.87	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.29	17.04	17.31	20.19	22.61	24.48	28.61
5720MHz Straddle 5.725-5.85GHz	Pass	4.29	10.53	10.59	13.57	30.00	17.86	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.29	18.14	17.84	21.00	23.98	25.29	30.00
5300MHz	Pass	4.29	18.13	17.77	20.96	23.98	25.25	30.00
5320MHz	Pass	4.29	18.15	17.67	20.93	23.98	25.22	30.00
5500MHz	Pass	4.29	18.31	18.18	21.26	23.98	25.55	30.00
5580MHz	Pass	4.29	17.59	17.28	20.45	23.98	24.74	30.00
5700MHz	Pass	4.29	17.92	18.33	21.14	23.98	25.43	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.29	16.48	16.55	19.53	23.01	23.82	29.01
5720MHz Straddle 5.725-5.85GHz	Pass	4.29	10.81	11.26	14.05	30.00	18.34	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.29	18.67	18.35	21.52	23.98	25.81	30.00
5310MHz	Pass	4.29	18.63	18.23	21.44	23.98	25.73	30.00
5510MHz	Pass	4.29	18.78	18.62	21.71	23.98	26.00	30.00
5550MHz	Pass	4.29	18.65	18.39	21.53	23.98	25.82	30.00
5670MHz	Pass	4.29	18.08	18.80	21.47	23.98	25.76	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.29	17.73	18.22	20.99	23.98	25.28	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.29	7.28	8.09	10.71	30.00	15.00	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.29	17.68	17.31	20.51	23.98	24.80	30.00
5530MHz	Pass	4.29	17.97	17.85	20.92	23.98	25.21	30.00
5610MHz	Pass	4.29	17.45	17.56	20.52	23.98	24.81	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.29	17.69	18.28	21.01	23.98	25.30	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.29	3.25	3.38	6.33	30.00	10.62	36.00

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











Summary

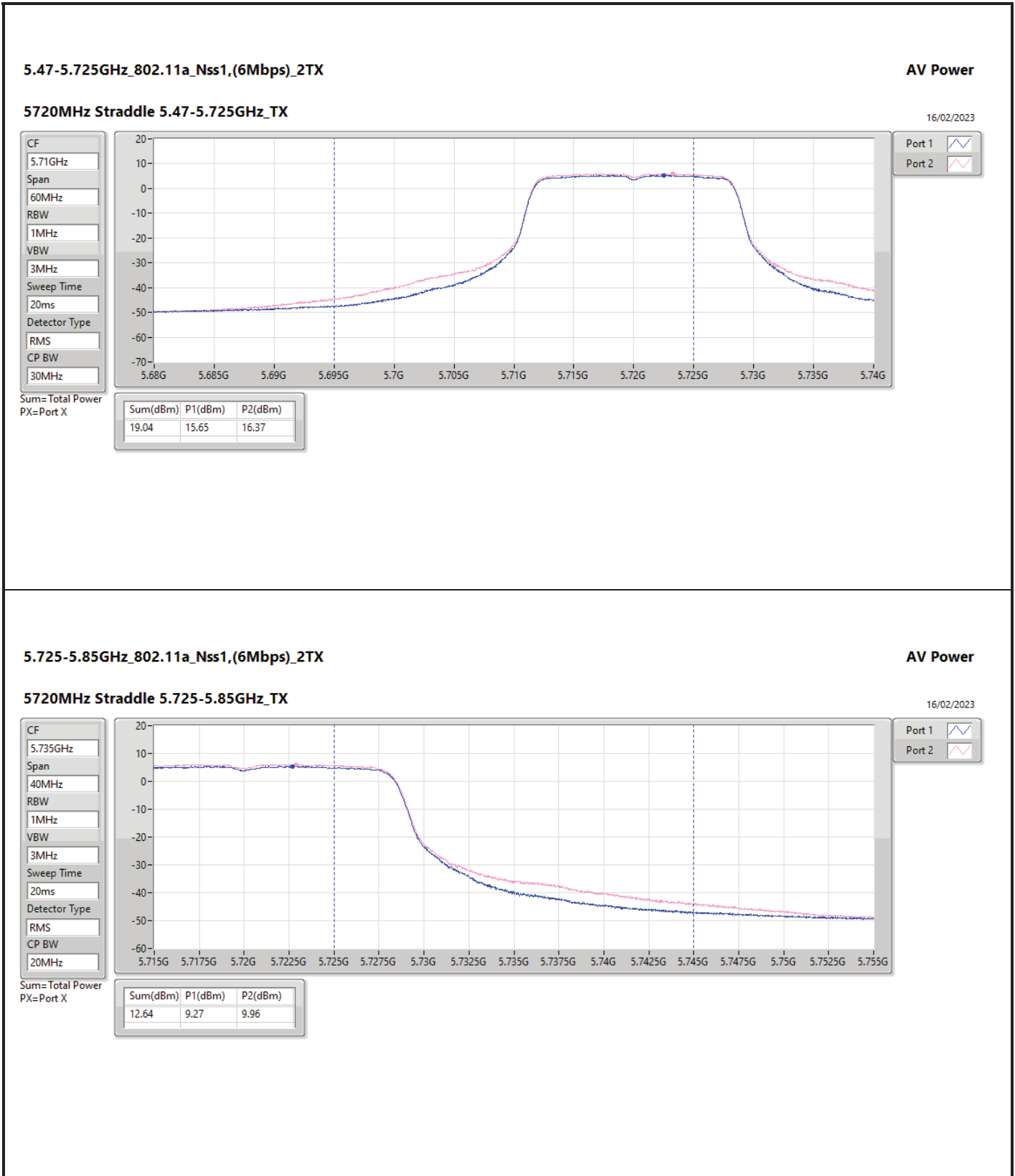
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	14.65	0.02917	21.05	0.12735
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.12	0.10280	26.52	0.44875
802.11ax HEW20_Nss1,(MCS0)_2TX	20.84	0.12134	27.24	0.52966
802.11ax HEW40_Nss1,(MCS0)_2TX	20.60	0.11482	27.00	0.50119
802.11ax HEW80_Nss1,(MCS0)_2TX	18.26	0.06699	24.66	0.29242
802.11ax HEW160_Nss1,(MCS0)_2TX	14.66	0.02924	21.06	0.12764
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.16	0.10375	26.56	0.45290
802.11ax HEW20_Nss1,(MCS0)_2TX	20.29	0.10691	26.69	0.46666
802.11ax HEW40_Nss1,(MCS0)_2TX	20.42	0.11015	26.82	0.48084
802.11ax HEW80_Nss1,(MCS0)_2TX	20.82	0.12078	27.22	0.52723
802.11ax HEW160_Nss1,(MCS0)_2TX	19.62	0.09162	26.02	0.39994
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	12.64	0.01837	19.04	0.08017
802.11ax HEW20_Nss1,(MCS0)_2TX	14.14	0.02594	20.54	0.11324
802.11ax HEW40_Nss1,(MCS0)_2TX	9.79	0.00953	16.19	0.04159
802.11ax HEW80_Nss1,(MCS0)_2TX	6.35	0.00432	12.75	0.01884



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.40	16.82	17.39	20.12	23.49	26.52	29.89
5300MHz	Pass	6.40	16.88	17.02	19.96	23.42	26.36	29.82
5320MHz	Pass	6.40	16.86	16.87	19.88	23.42	26.28	29.82
5500MHz	Pass	6.40	17.04	17.21	20.14	23.42	26.54	29.82
5580MHz	Pass	6.40	16.92	17.22	20.08	23.44	26.48	29.84
5700MHz	Pass	6.40	17.04	17.26	20.16	23.51	26.56	29.91
5720MHz Straddle 5.47-5.725GHz	Pass	6.40	15.65	16.37	19.04	22.13	25.44	28.53
5720MHz Straddle 5.725-5.85GHz	Pass	6.40	9.27	9.96	12.64	29.60	19.04	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.40	17.67	17.98	20.84	23.58	27.24	30.00
5300MHz	Pass	6.40	17.66	17.75	20.72	23.58	27.12	30.00
5320MHz	Pass	6.40	17.87	17.55	20.72	23.58	27.12	30.00
5500MHz	Pass	6.40	17.01	17.01	20.02	23.58	26.42	30.00
5580MHz	Pass	6.40	17.10	17.46	20.29	23.58	26.69	30.00
5700MHz	Pass	6.40	16.43	16.66	19.56	23.58	25.96	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.40	16.34	17.05	19.72	22.51	26.12	28.91
5720MHz Straddle 5.725-5.85GHz	Pass	6.40	10.79	11.45	14.14	29.60	20.54	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	6.40	17.43	17.75	20.60	23.58	27.00	30.00
5310MHz	Pass	6.40	15.33	15.27	18.31	23.58	24.71	30.00
5510MHz	Pass	6.40	15.30	15.21	18.27	23.58	24.67	30.00
5550MHz	Pass	6.40	17.34	17.47	20.42	23.58	26.82	30.00
5670MHz	Pass	6.40	16.86	17.16	20.02	23.58	26.42	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	6.40	16.91	17.29	20.11	23.58	26.51	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	6.40	6.55	7.00	9.79	29.60	16.19	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	6.40	15.21	15.28	18.26	23.58	24.66	30.00
5530MHz	Pass	6.40	14.95	15.17	18.07	23.58	24.47	30.00
5610MHz	Pass	6.40	17.76	17.86	20.82	23.58	27.22	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	6.40	17.24	17.53	20.40	23.58	26.80	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	6.40	3.07	3.60	6.35	29.60	12.75	36.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.40	11.24	12.00	14.65	29.60	21.05	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	6.40	11.33	11.95	14.66	23.58	21.06	30.00
5570MHz	Pass	6.40	16.42	16.79	19.62	23.58	26.02	30.00

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



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

5720MHz Straddle 5.725-5.85GHz_TX

AV Power

16/02/2023

CF: 5.735GHz

Span: 40MHz

RBW: 1MHz

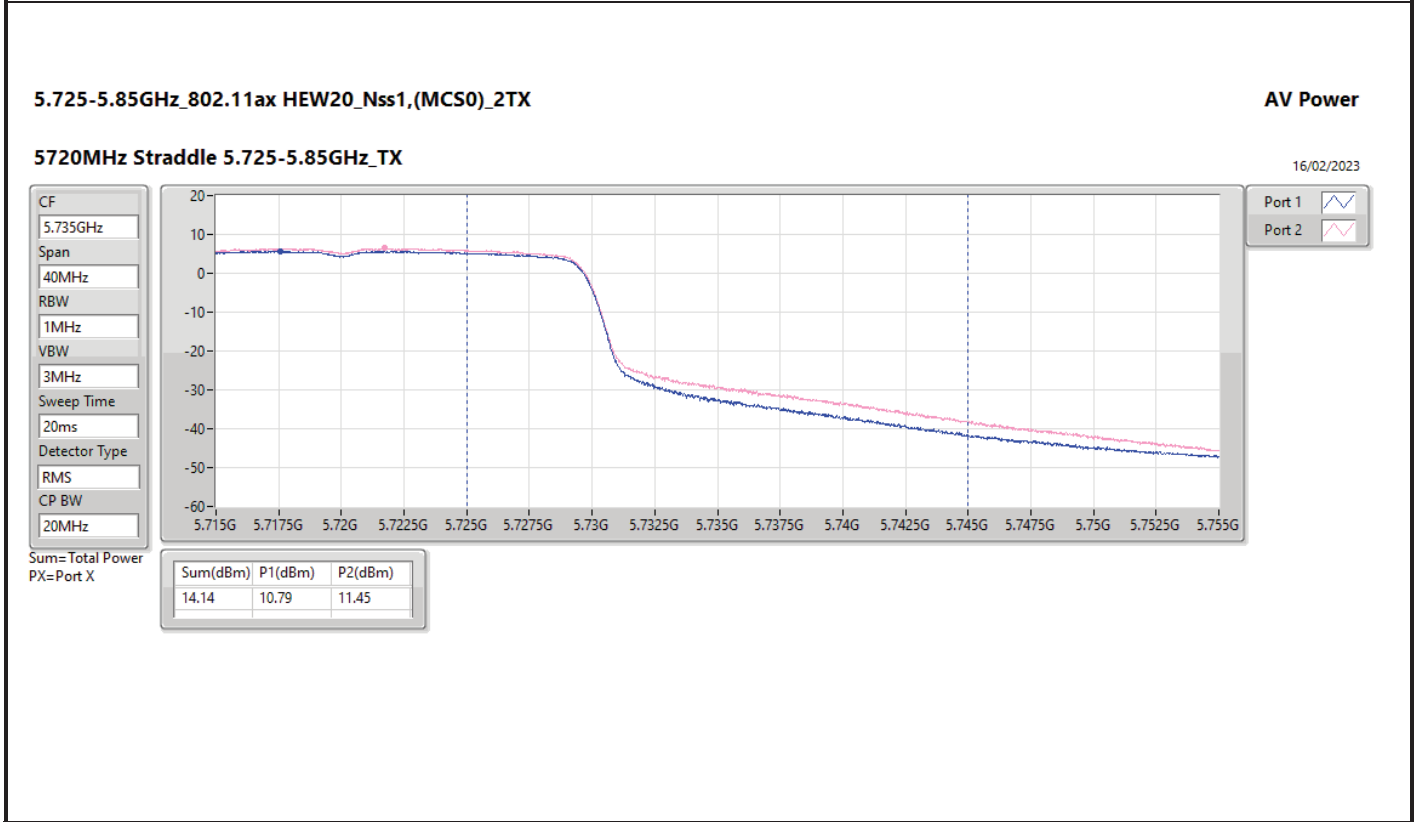
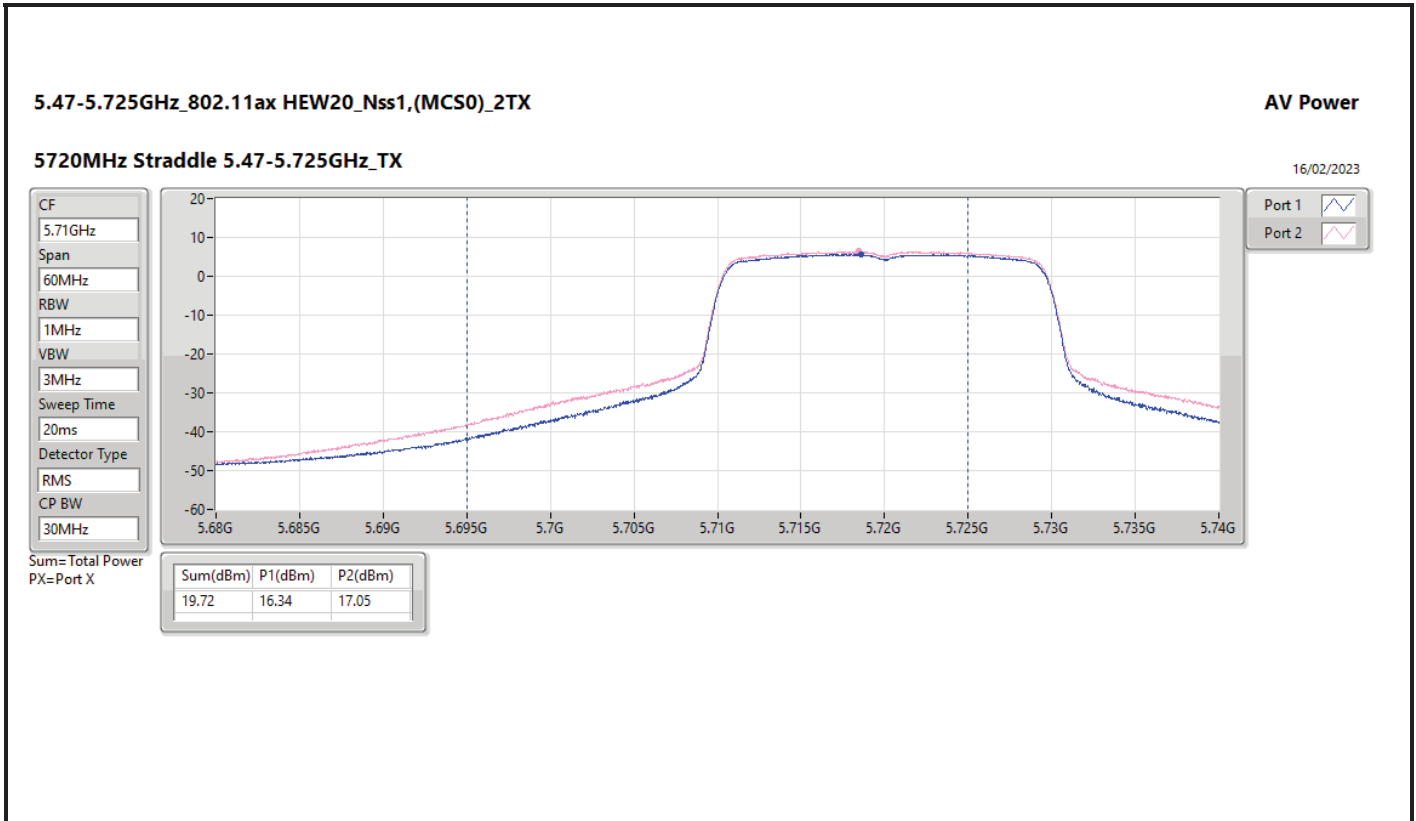
VBW: 3MHz

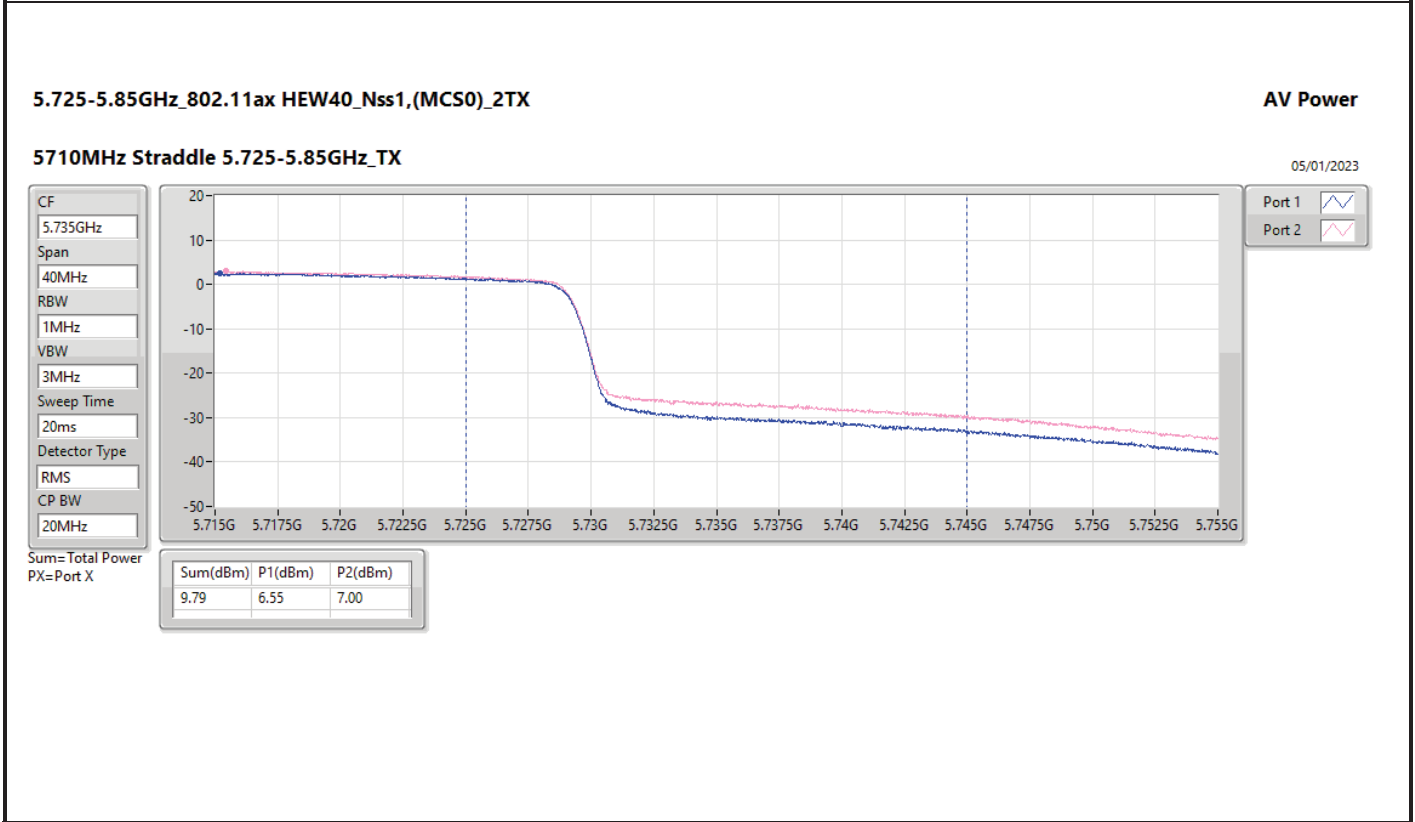
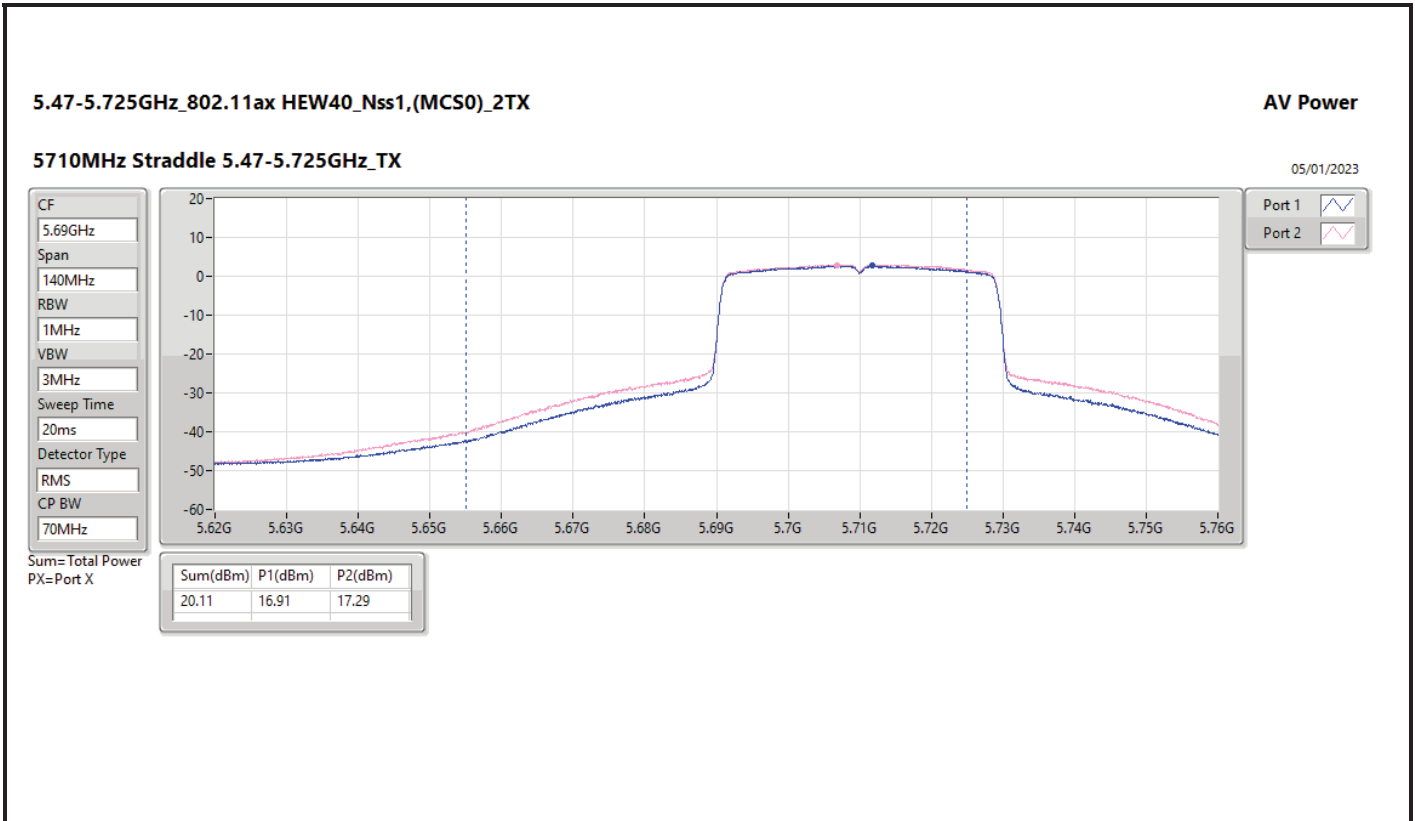
Sweep Time: 20ms

Detector Type: RMS

CP BW: 20MHz

Sum(dBm)	P1(dBm)	P2(dBm)
12.64	9.27	9.96







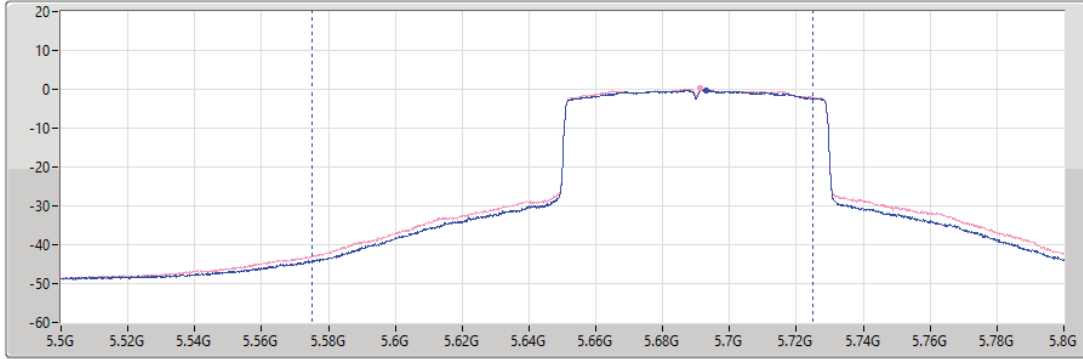
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

05/01/2023

CF
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
150MHz



Port 1
Port 2

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
20.40	17.24	17.53

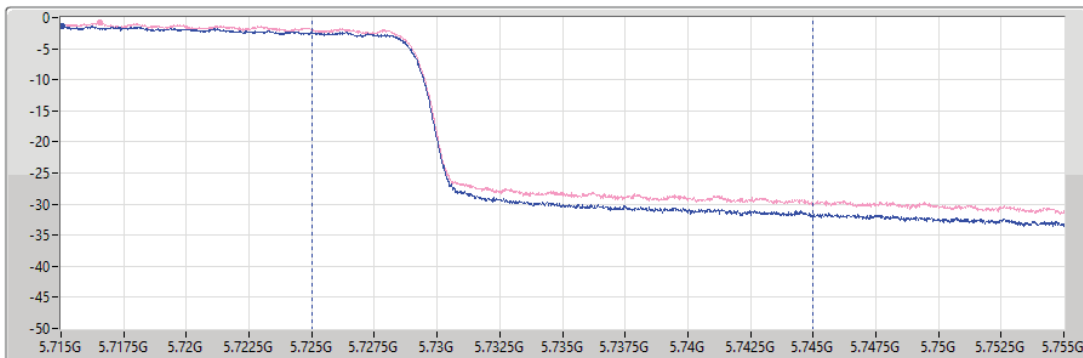
5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

05/01/2023

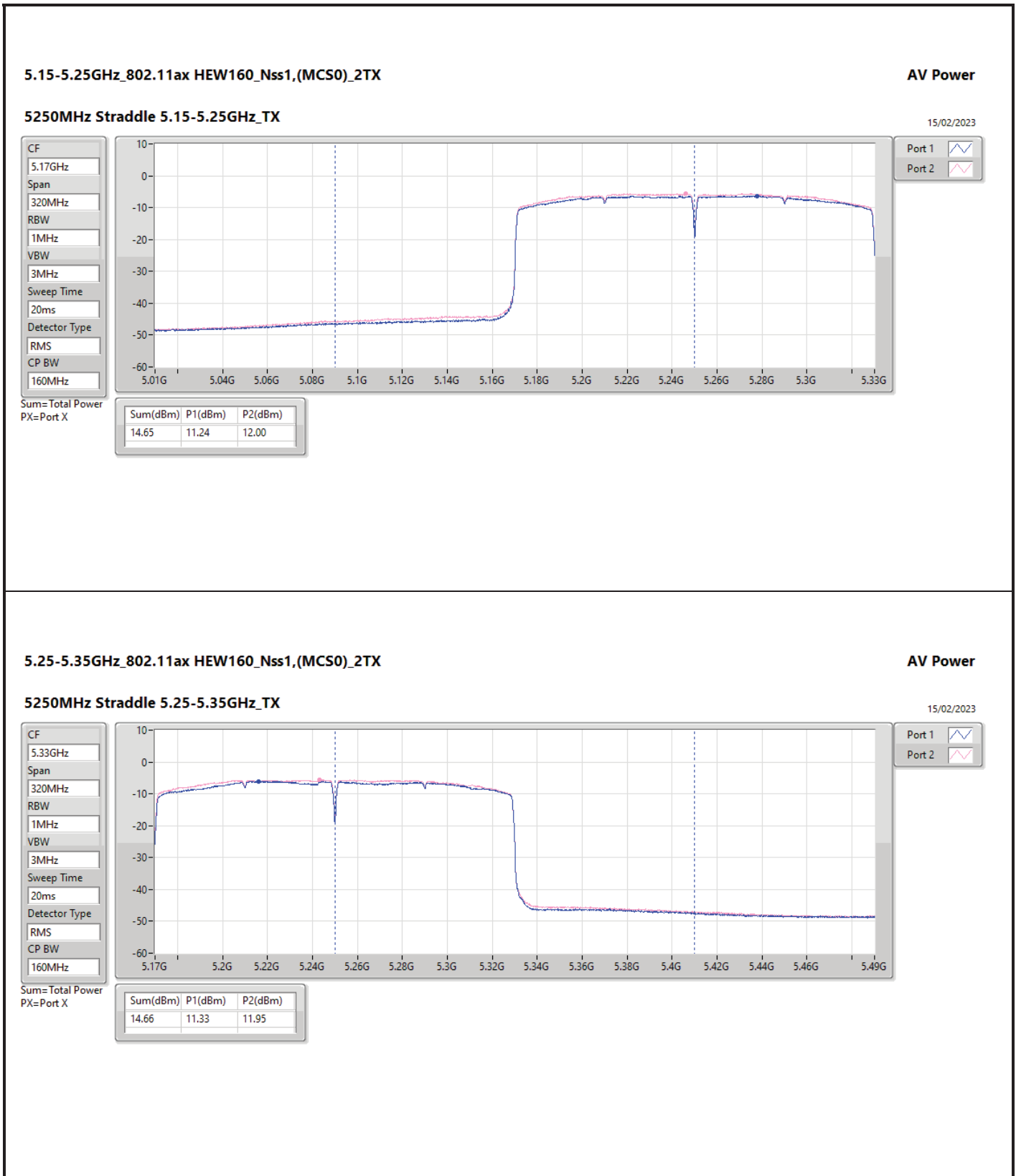
CF
5.735GHz
Span
40MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



Port 1
Port 2

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
6.35	3.07	3.60





Summary

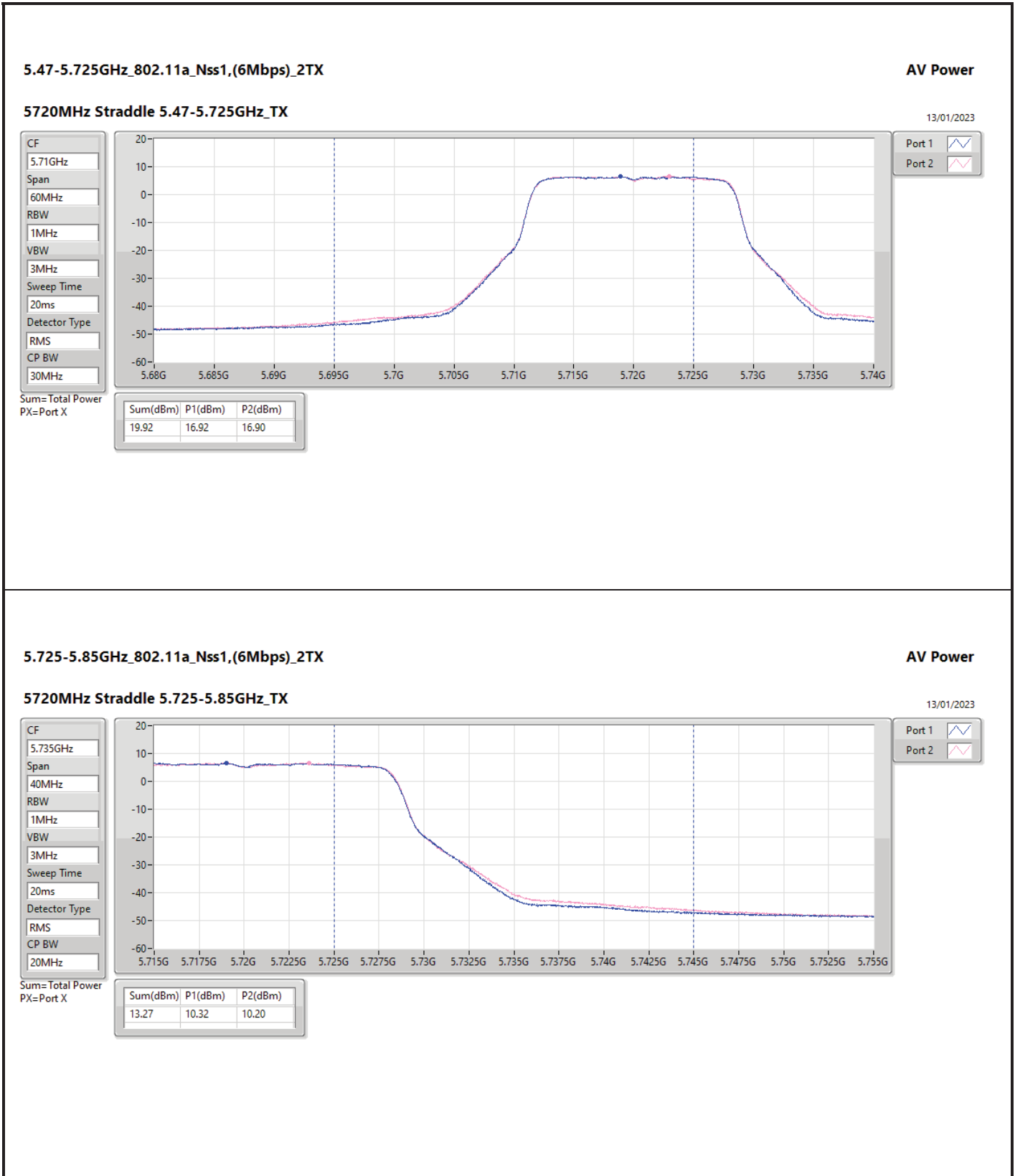
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.07	0.12794	26.97	0.49774
802.11ax HEW20_Nss1,(MCS0)_2TX	20.93	0.12388	26.83	0.48195
802.11ax HEW40_Nss1,(MCS0)_2TX	21.56	0.14322	27.46	0.55719
802.11ax HEW80_Nss1,(MCS0)_2TX	20.46	0.11117	26.36	0.43251
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.98	0.12531	26.88	0.48753
802.11ax HEW20_Nss1,(MCS0)_2TX	21.45	0.13964	27.35	0.54325
802.11ax HEW40_Nss1,(MCS0)_2TX	21.89	0.15453	27.79	0.60117
802.11ax HEW80_Nss1,(MCS0)_2TX	21.13	0.12972	27.03	0.50466
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	13.27	0.02123	19.17	0.08260
802.11ax HEW20_Nss1,(MCS0)_2TX	14.01	0.02518	19.91	0.09795
802.11ax HEW40_Nss1,(MCS0)_2TX	10.92	0.01236	16.82	0.04808
802.11ax HEW80_Nss1,(MCS0)_2TX	6.72	0.00470	12.62	0.01828



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.90	18.23	17.89	21.07	23.98	26.97	30.00
5300MHz	Pass	5.90	18.34	17.76	21.07	23.98	26.97	30.00
5320MHz	Pass	5.90	18.36	17.69	21.05	23.92	26.95	29.92
5500MHz	Pass	5.90	17.92	17.88	20.91	23.98	26.81	30.00
5580MHz	Pass	5.90	17.93	17.37	20.67	23.98	26.57	30.00
5700MHz	Pass	5.90	17.74	18.19	20.98	23.98	26.88	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.90	16.92	16.90	19.92	22.83	25.82	28.83
5720MHz Straddle 5.725-5.85GHz	Pass	5.90	10.32	10.20	13.27	30.00	19.17	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.90	18.04	17.80	20.93	23.98	26.83	30.00
5300MHz	Pass	5.90	18.17	17.53	20.87	23.98	26.77	30.00
5320MHz	Pass	5.90	18.16	17.49	20.85	23.98	26.75	30.00
5500MHz	Pass	5.90	18.61	18.26	21.45	23.98	27.35	30.00
5580MHz	Pass	5.90	17.98	17.45	20.73	23.98	26.63	30.00
5700MHz	Pass	5.90	17.96	18.31	21.15	23.98	27.05	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.90	16.77	16.66	19.73	22.97	25.63	28.97
5720MHz Straddle 5.725-5.85GHz	Pass	5.90	11.09	10.90	14.01	30.00	19.91	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.90	18.61	18.48	21.56	23.98	27.46	30.00
5310MHz	Pass	5.90	18.69	18.25	21.49	23.98	27.39	30.00
5510MHz	Pass	5.90	18.63	18.45	21.55	23.98	27.45	30.00
5550MHz	Pass	5.90	18.99	18.77	21.89	23.98	27.79	30.00
5670MHz	Pass	5.90	18.28	18.74	21.53	23.98	27.43	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.90	17.95	18.34	21.16	23.98	27.06	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.90	7.59	8.20	10.92	30.00	16.82	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.90	17.58	17.32	20.46	23.98	26.36	30.00
5530MHz	Pass	5.90	18.24	17.94	21.10	23.98	27.00	30.00
5610MHz	Pass	5.90	17.83	17.69	20.77	23.98	26.67	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.90	17.92	18.32	21.13	23.98	27.03	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.90	3.37	4.03	6.72	30.00	12.62	36.00

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



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

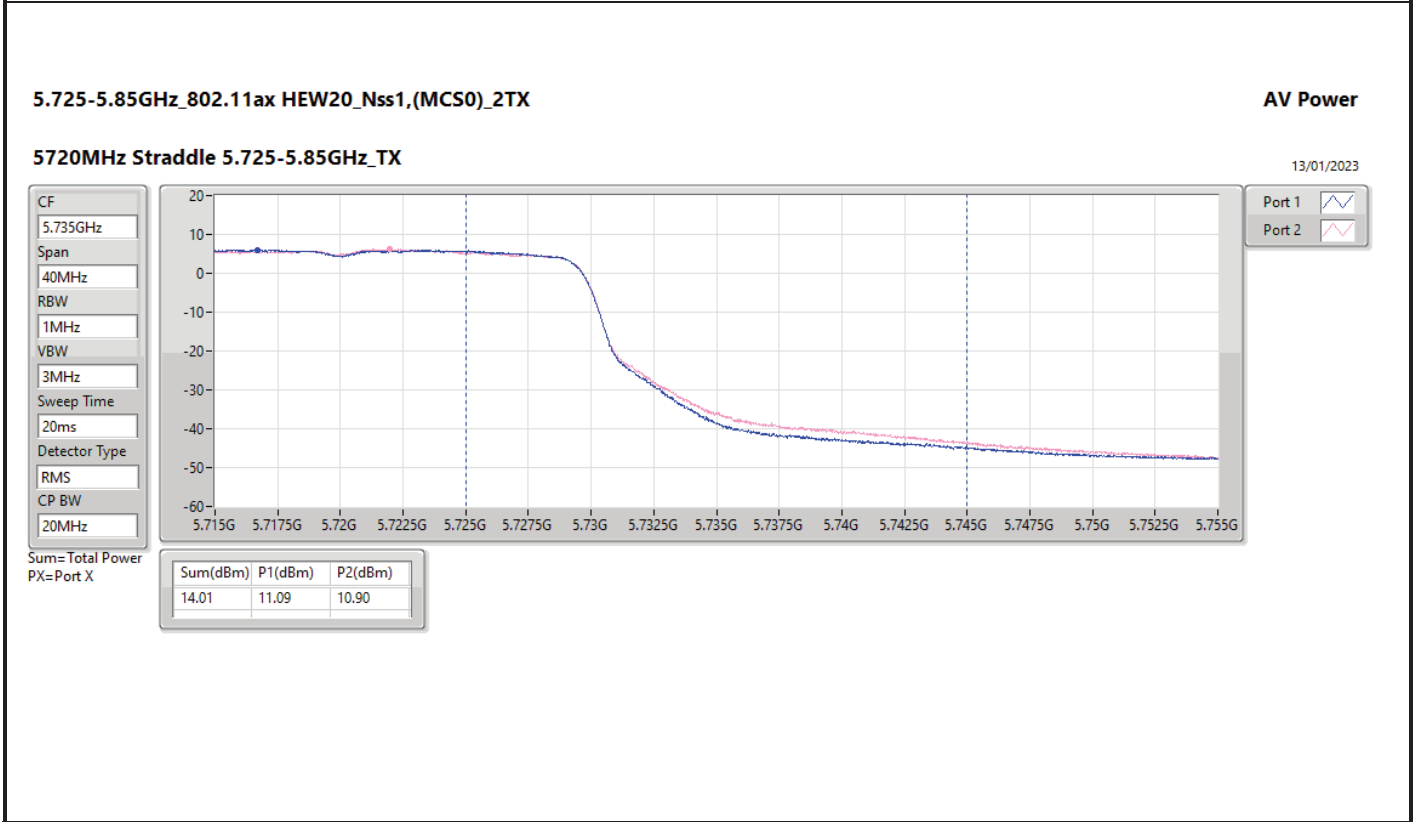
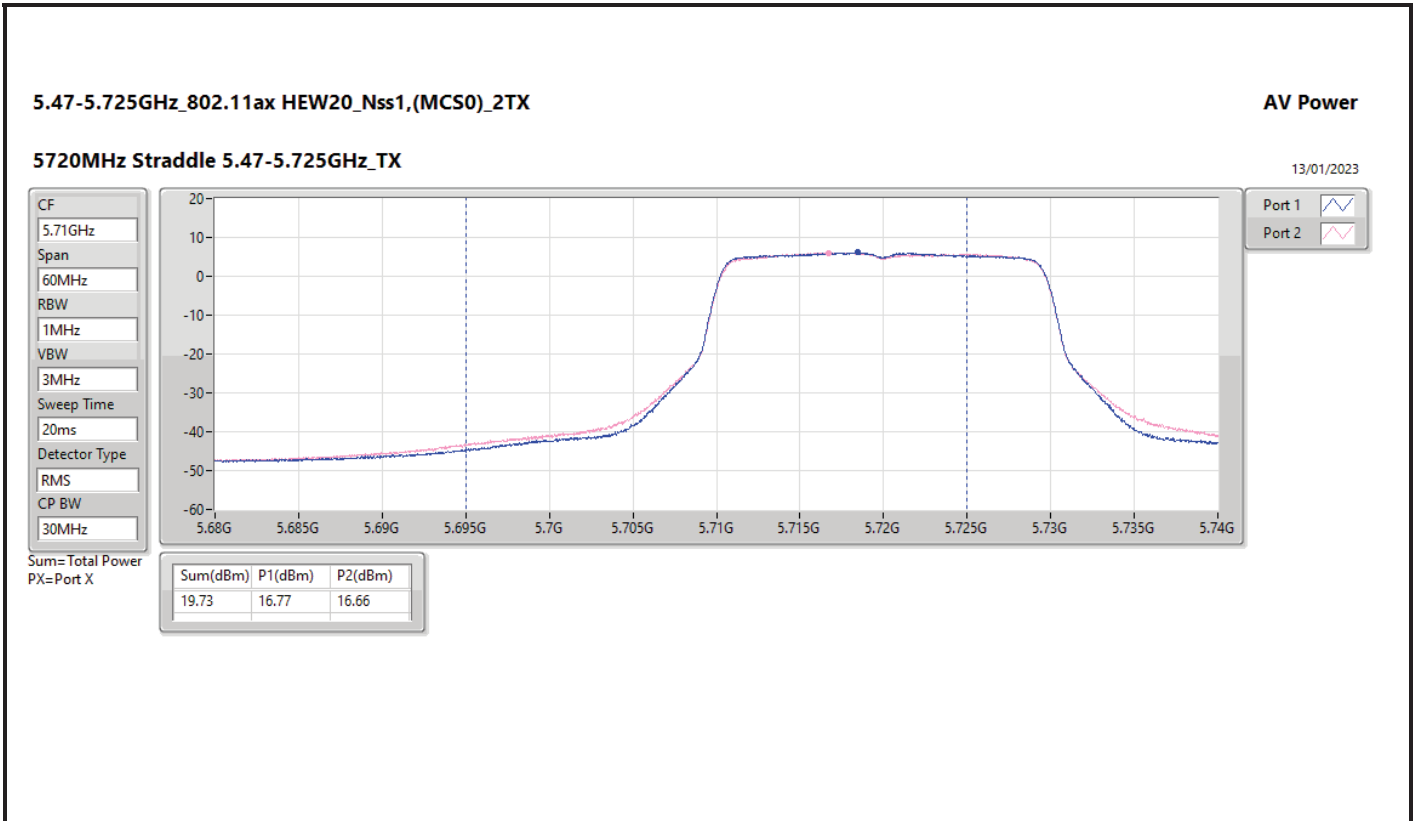
5720MHz Straddle 5.725-5.85GHz_TX

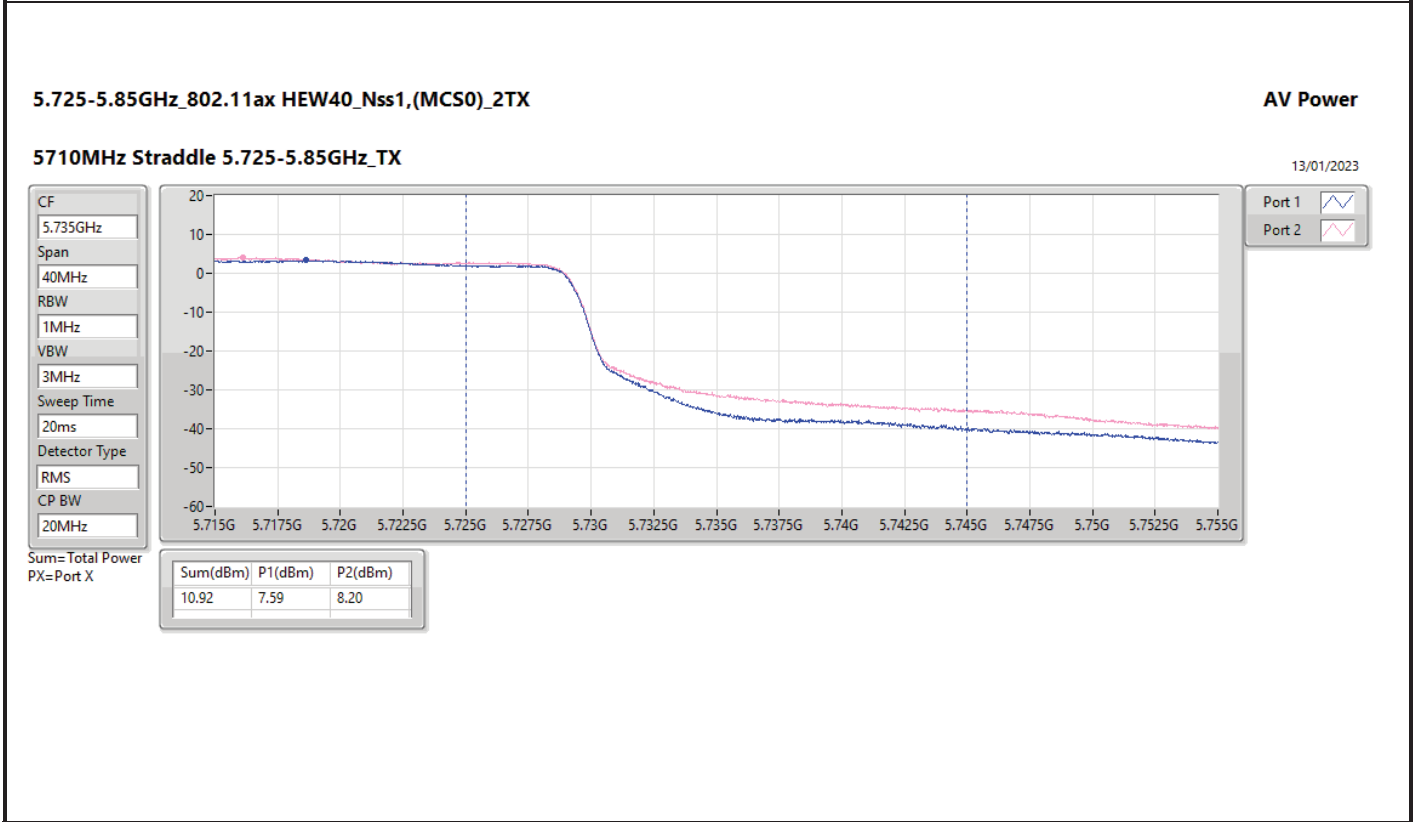
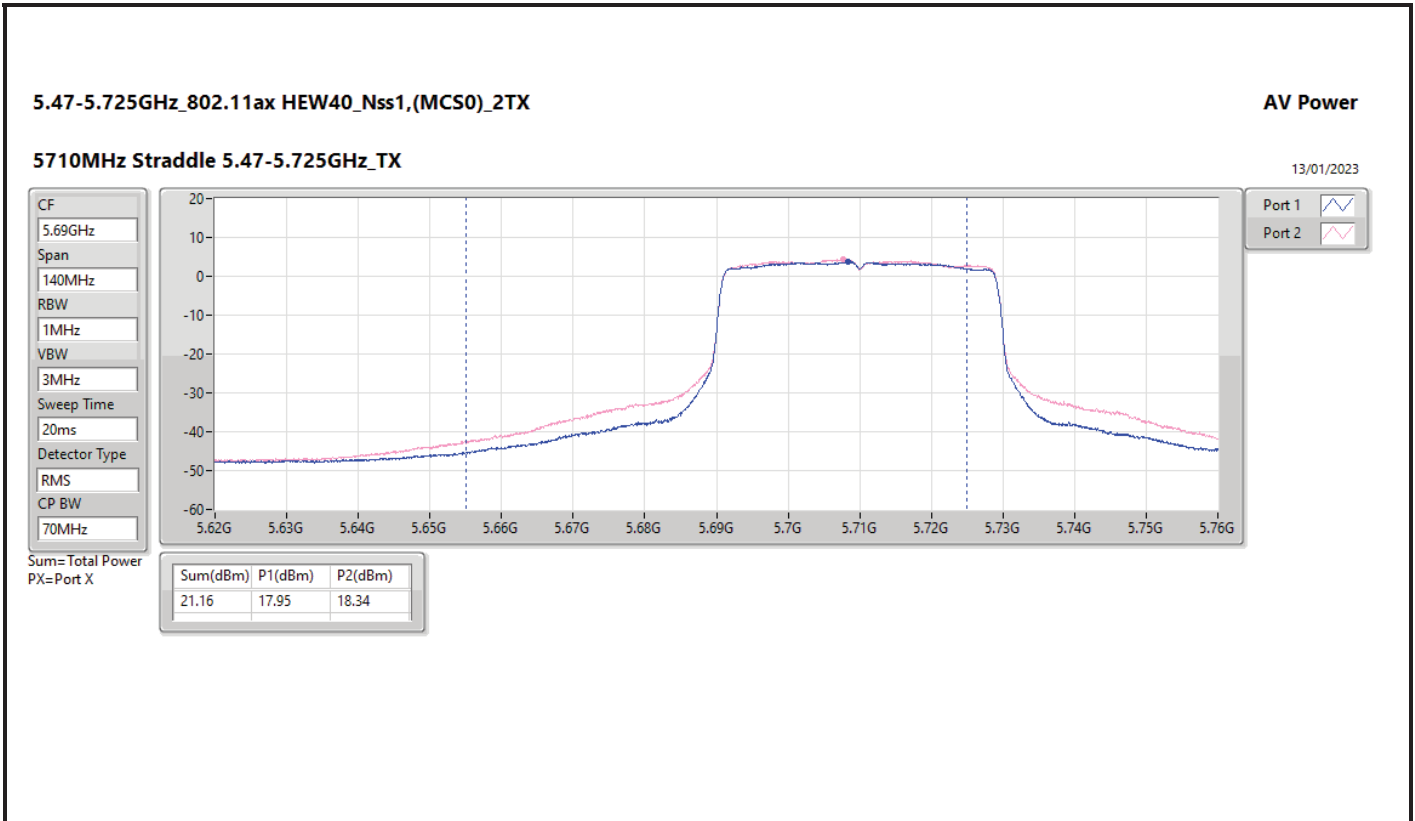
AV Power

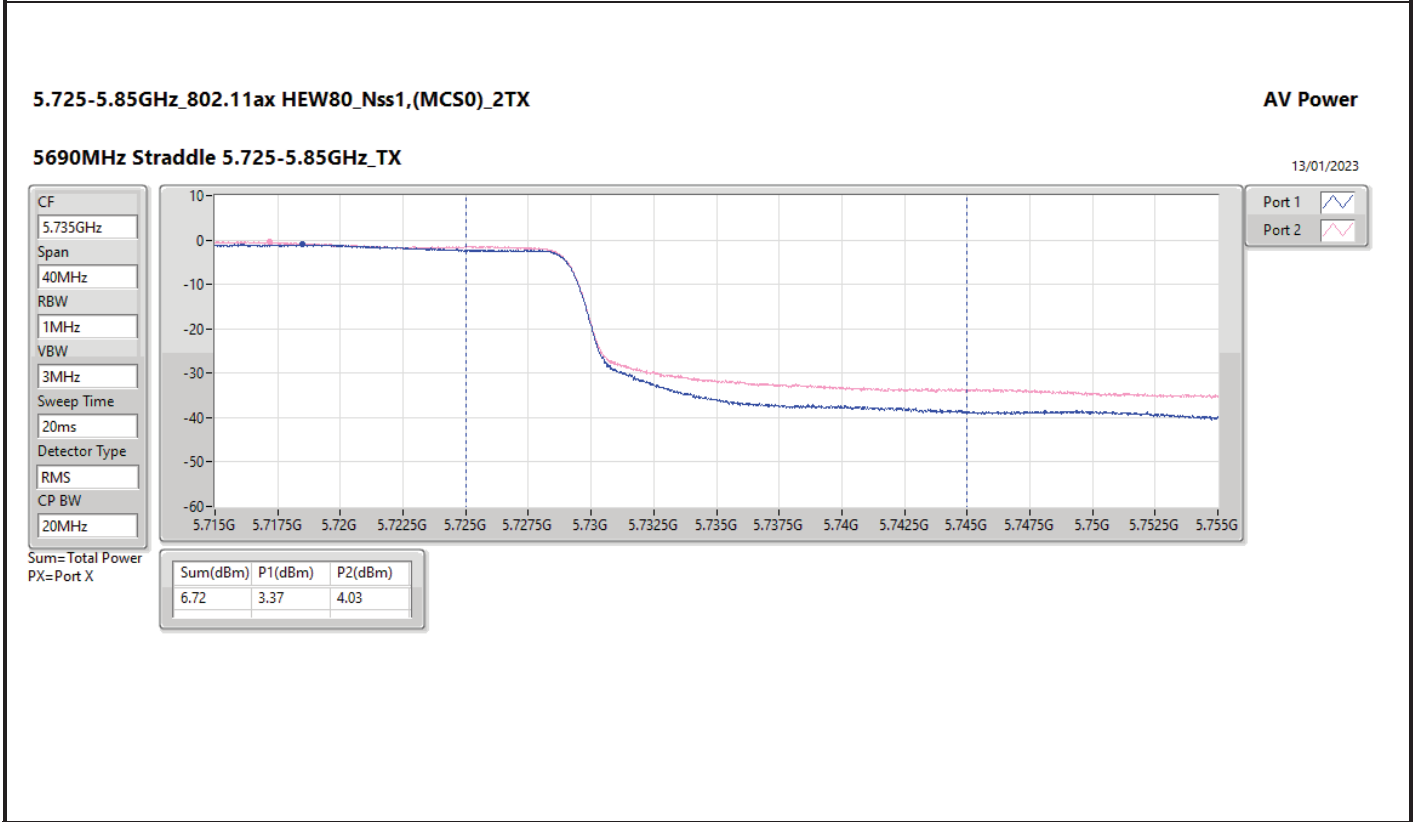
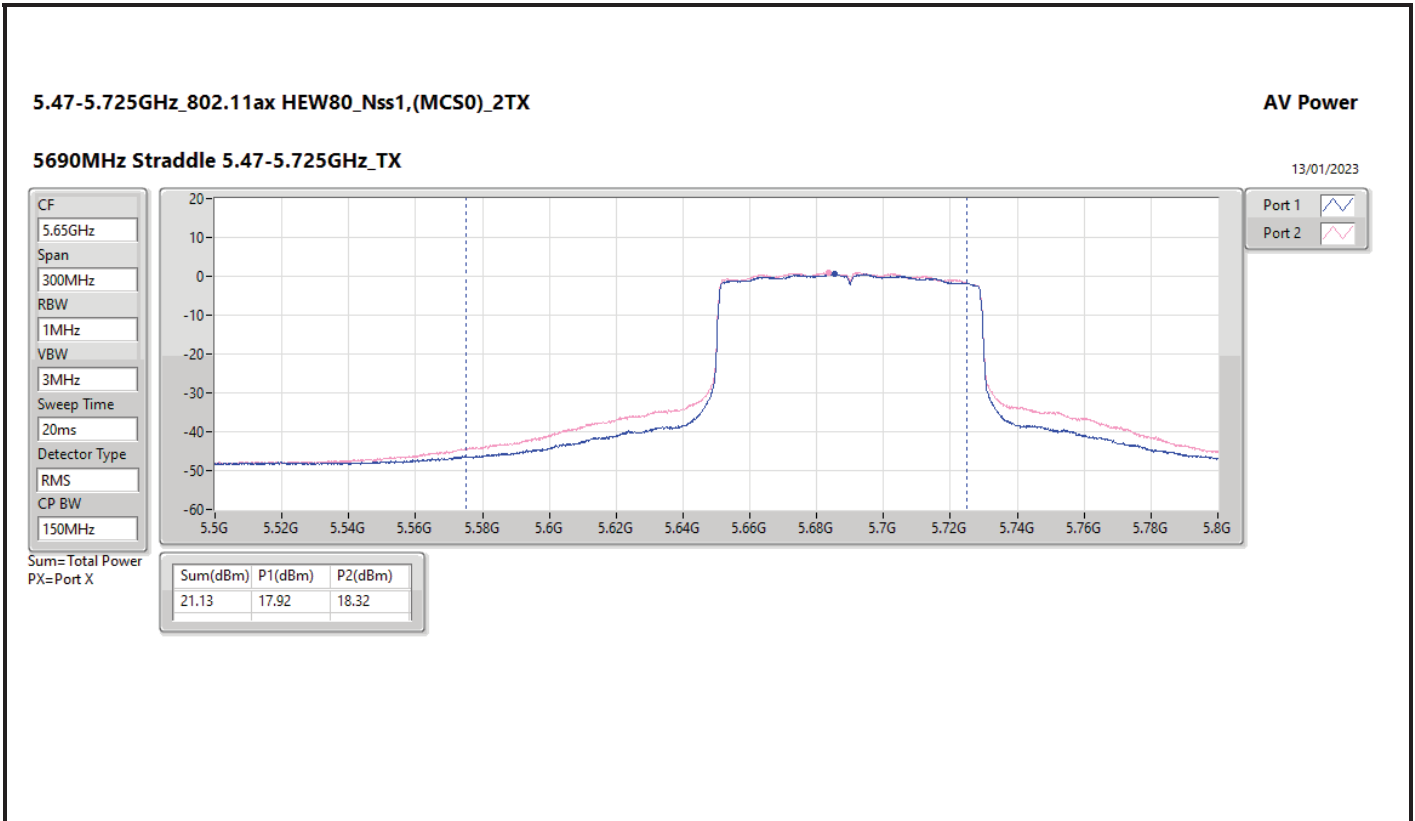
13/01/2023

CF: 5.735GHz
 Span: 40MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 20ms
 Detector Type: RMS
 CP BW: 20MHz

Sum(dBm)	P1(dBm)	P2(dBm)
13.27	10.32	10.20









Summary

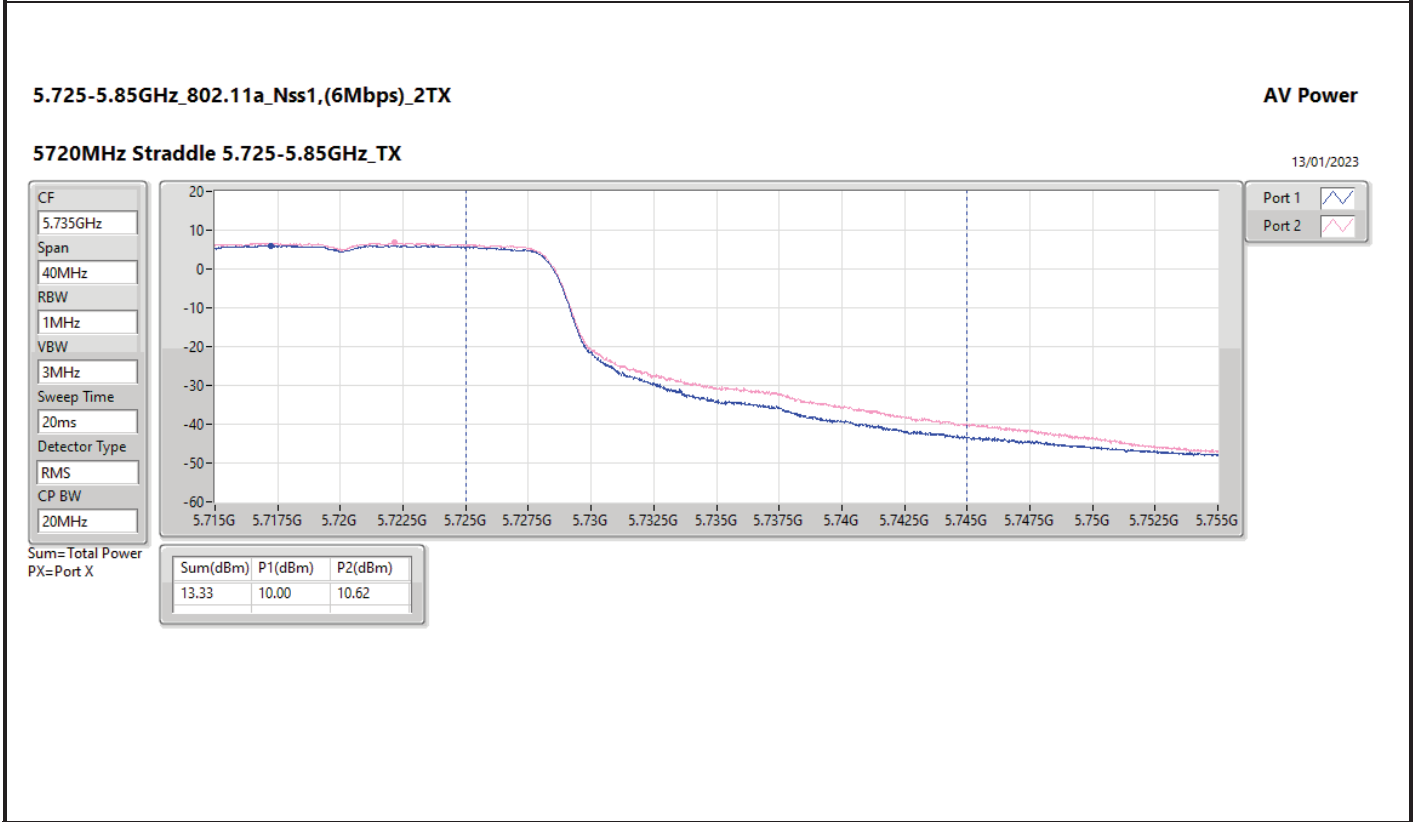
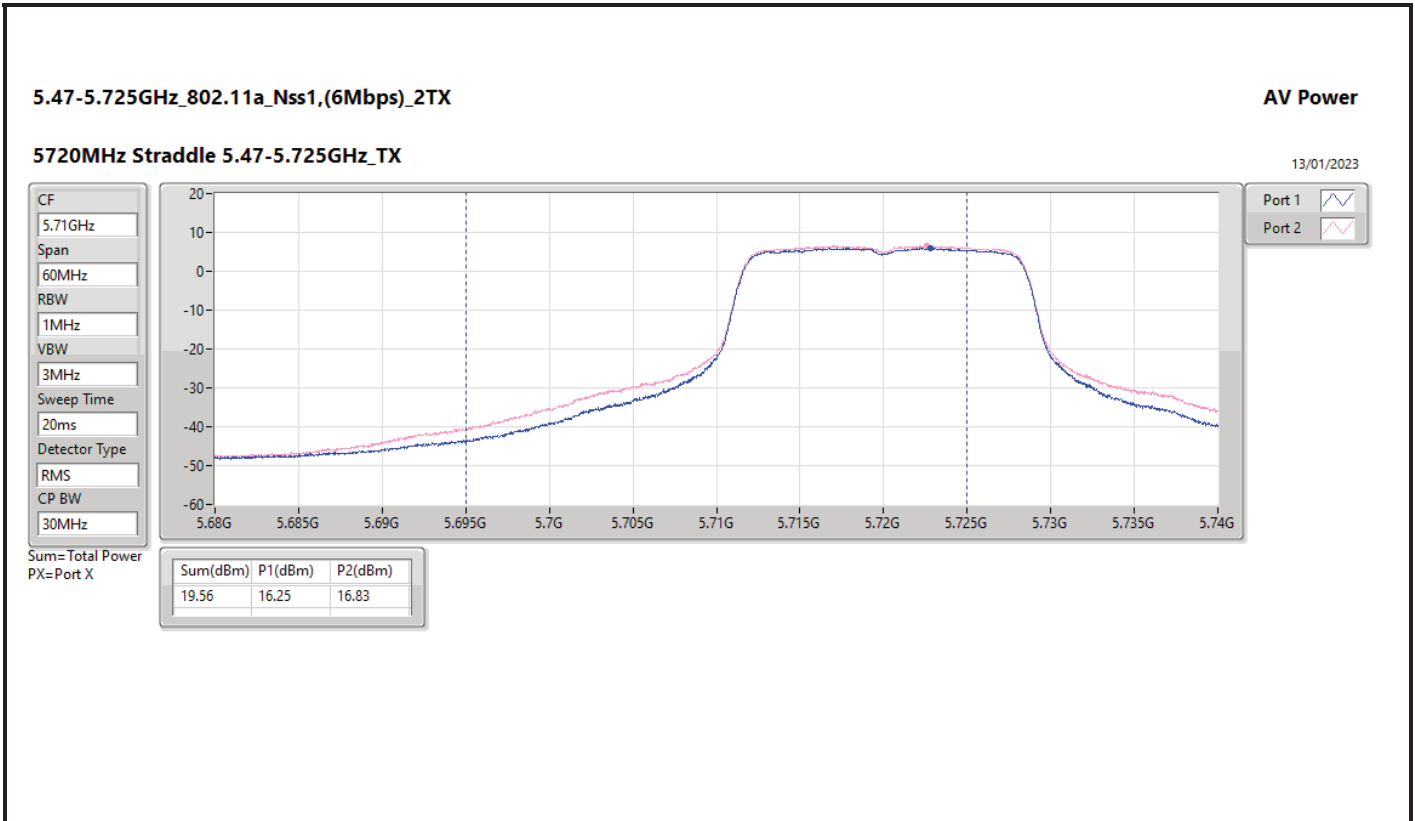
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	16.31	0.04276	22.91	0.19543
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.43	0.11041	27.03	0.50466
802.11ax HEW20_Nss1,(MCS0)_2TX	21.11	0.12912	27.71	0.59020
802.11ax HEW40_Nss1,(MCS0)_2TX	20.31	0.10740	26.91	0.49091
802.11ax HEW80_Nss1,(MCS0)_2TX	19.14	0.08204	25.74	0.37497
802.11ax HEW160_Nss1,(MCS0)_2TX	16.11	0.04083	22.71	0.18664
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.74	0.11858	27.34	0.54200
802.11ax HEW20_Nss1,(MCS0)_2TX	21.16	0.13062	27.76	0.59704
802.11ax HEW40_Nss1,(MCS0)_2TX	20.64	0.11588	27.24	0.52966
802.11ax HEW80_Nss1,(MCS0)_2TX	20.90	0.12303	27.50	0.56234
802.11ax HEW160_Nss1,(MCS0)_2TX	19.70	0.09333	26.30	0.42658
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	13.33	0.02153	19.93	0.09840
802.11ax HEW20_Nss1,(MCS0)_2TX	14.33	0.02710	20.93	0.12388
802.11ax HEW40_Nss1,(MCS0)_2TX	10.21	0.01050	16.81	0.04797
802.11ax HEW80_Nss1,(MCS0)_2TX	6.96	0.00497	13.56	0.02270

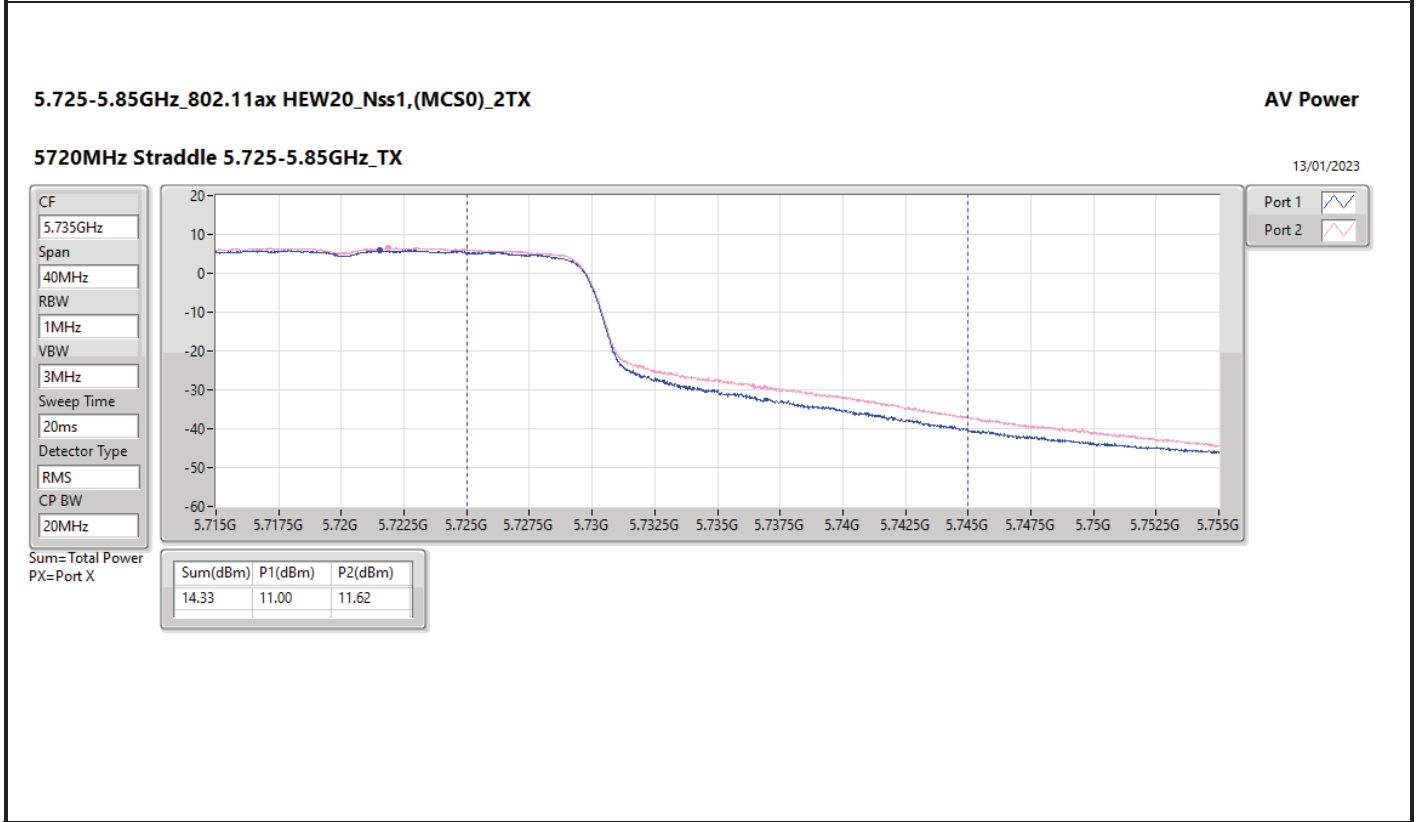
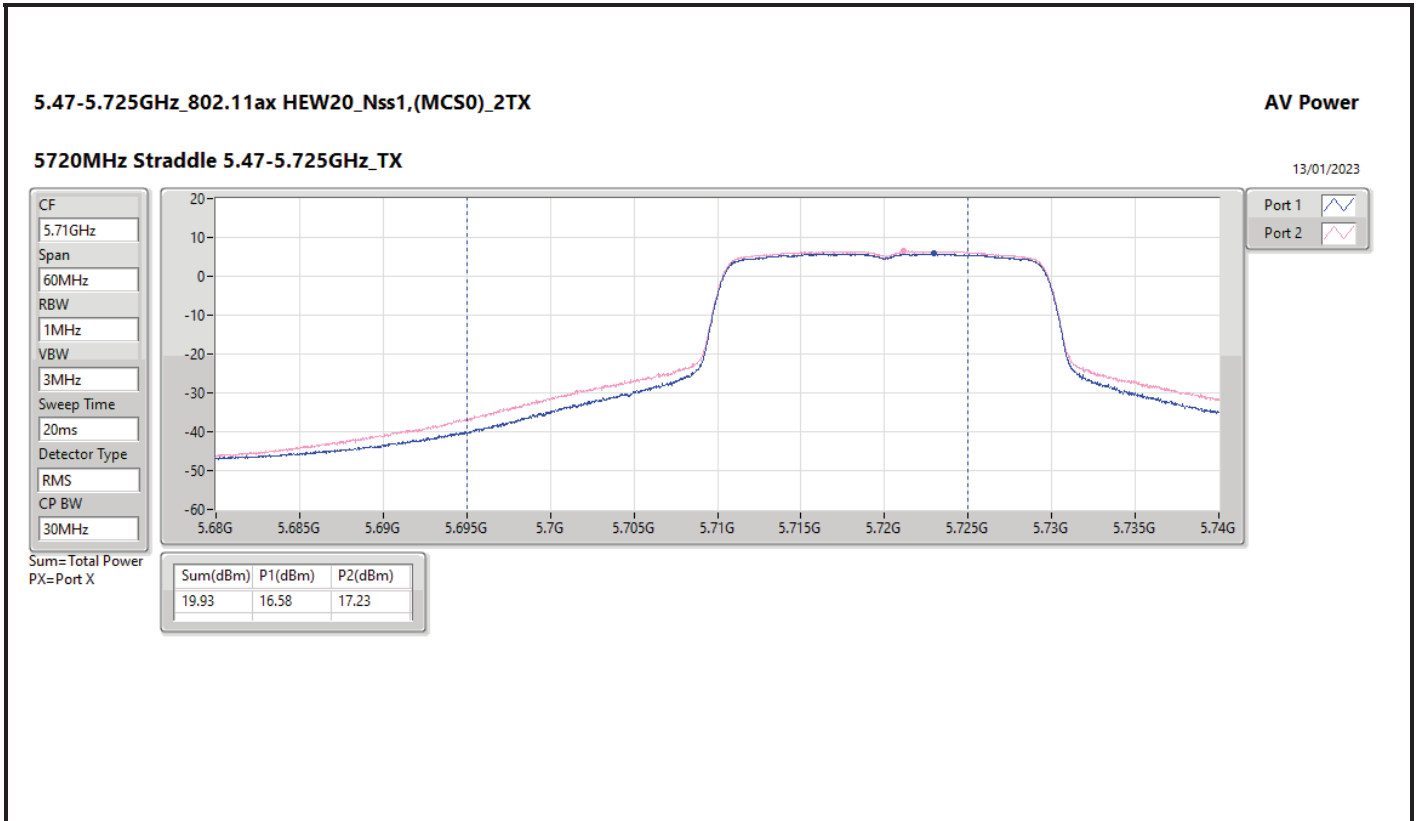


Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.60	17.09	17.73	20.43	23.18	27.03	29.78
5300MHz	Pass	6.60	17.26	17.53	20.41	23.23	27.01	29.83
5320MHz	Pass	6.60	17.21	17.26	20.25	23.23	26.85	29.83
5500MHz	Pass	6.60	17.79	17.66	20.74	23.34	27.34	29.94
5580MHz	Pass	6.60	17.22	17.66	20.46	23.23	27.06	29.83
5700MHz	Pass	6.60	16.48	17.10	19.81	23.23	26.41	29.83
5720MHz Straddle 5.47-5.725GHz	Pass	6.60	16.25	16.83	19.56	22.20	26.16	28.80
5720MHz Straddle 5.725-5.85GHz	Pass	6.60	10.00	10.62	13.33	29.40	19.93	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.60	17.70	18.46	21.11	23.38	27.71	30.00
5300MHz	Pass	6.60	17.87	18.24	21.07	23.38	27.67	30.00
5320MHz	Pass	6.60	17.57	17.55	20.57	23.38	27.17	30.00
5500MHz	Pass	6.60	17.41	17.38	20.41	23.38	27.01	30.00
5580MHz	Pass	6.60	17.87	18.41	21.16	23.38	27.76	30.00
5700MHz	Pass	6.60	16.32	16.87	19.61	23.38	26.21	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.60	16.58	17.23	19.93	22.38	26.53	28.98
5720MHz Straddle 5.725-5.85GHz	Pass	6.60	11.00	11.62	14.33	29.40	20.93	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	6.60	17.09	17.50	20.31	23.38	26.91	30.00
5310MHz	Pass	6.60	16.03	16.18	19.12	23.38	25.72	30.00
5510MHz	Pass	6.60	15.71	15.52	18.63	23.38	25.23	30.00
5550MHz	Pass	6.60	17.25	17.70	20.49	23.38	27.09	30.00
5670MHz	Pass	6.60	17.31	17.92	20.64	23.38	27.24	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	6.60	16.97	17.58	20.30	23.38	26.90	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	6.60	6.96	7.43	10.21	29.40	16.81	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	6.60	15.96	16.30	19.14	23.38	25.74	30.00
5530MHz	Pass	6.60	14.72	14.85	17.80	23.38	24.40	30.00
5610MHz	Pass	6.60	17.44	17.85	20.66	23.38	27.26	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	6.60	17.65	18.12	20.90	23.38	27.50	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	6.60	3.70	4.18	6.96	29.40	13.56	36.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.60	12.97	13.61	16.31	29.40	22.91	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	6.60	12.83	13.35	16.11	23.38	22.71	30.00
5570MHz	Pass	6.60	16.50	16.88	19.70	23.38	26.30	30.00

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







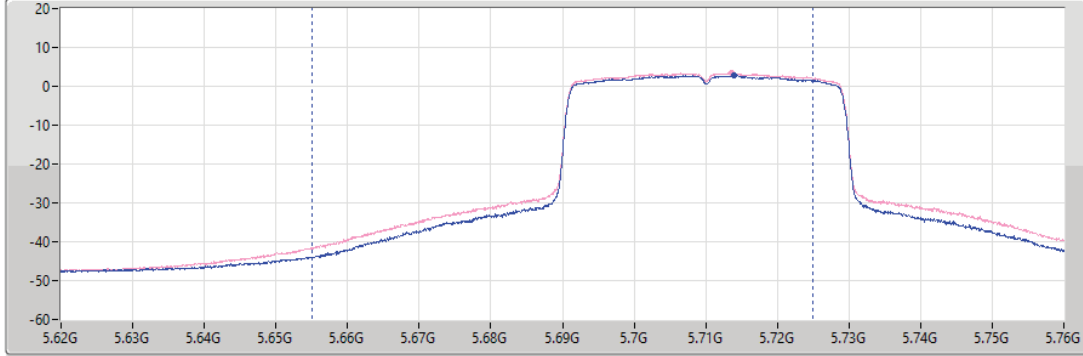
5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TX

13/01/2023

CF
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
70MHz



Port 1
Port 2

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
20.30	16.97	17.58

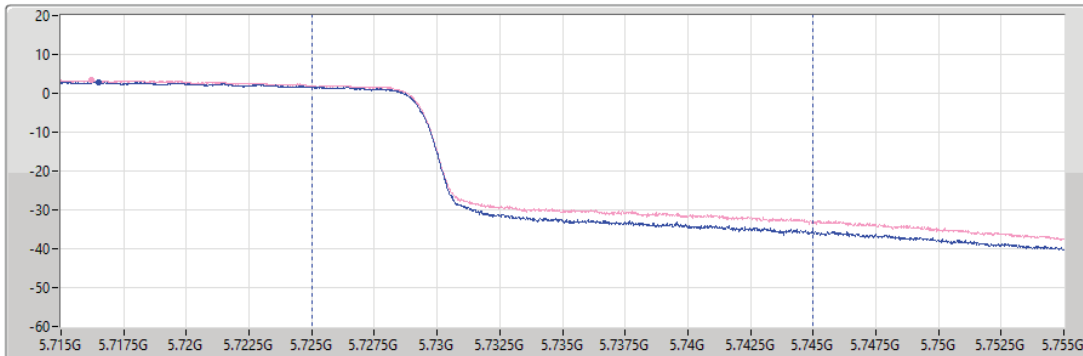
5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

13/01/2023

CF
5.735GHz
Span
40MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



Port 1
Port 2

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
10.21	6.96	7.43



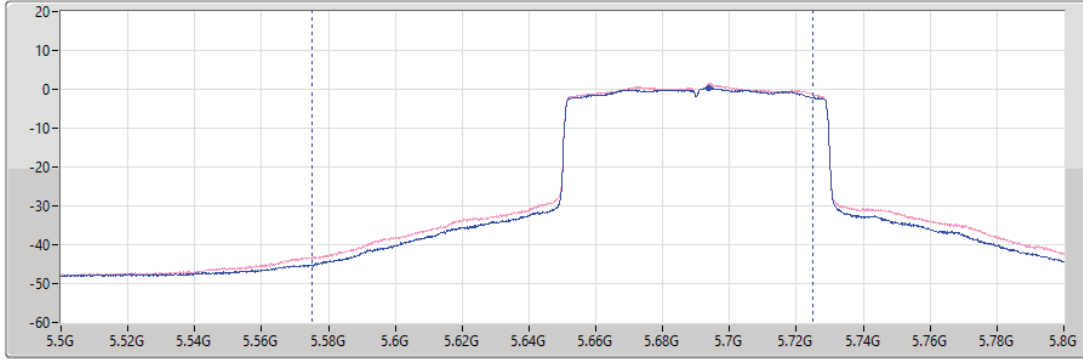
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

13/01/2023

CF
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
150MHz



Port 1
Port 2

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
20.90	17.65	18.12

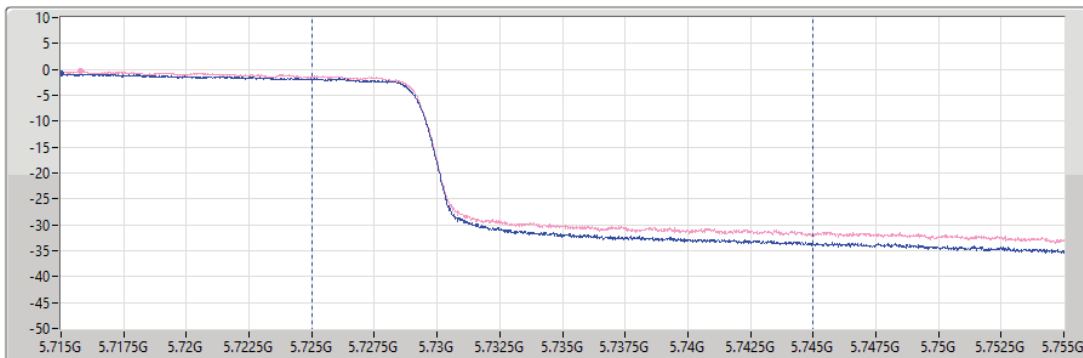
5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

13/01/2023

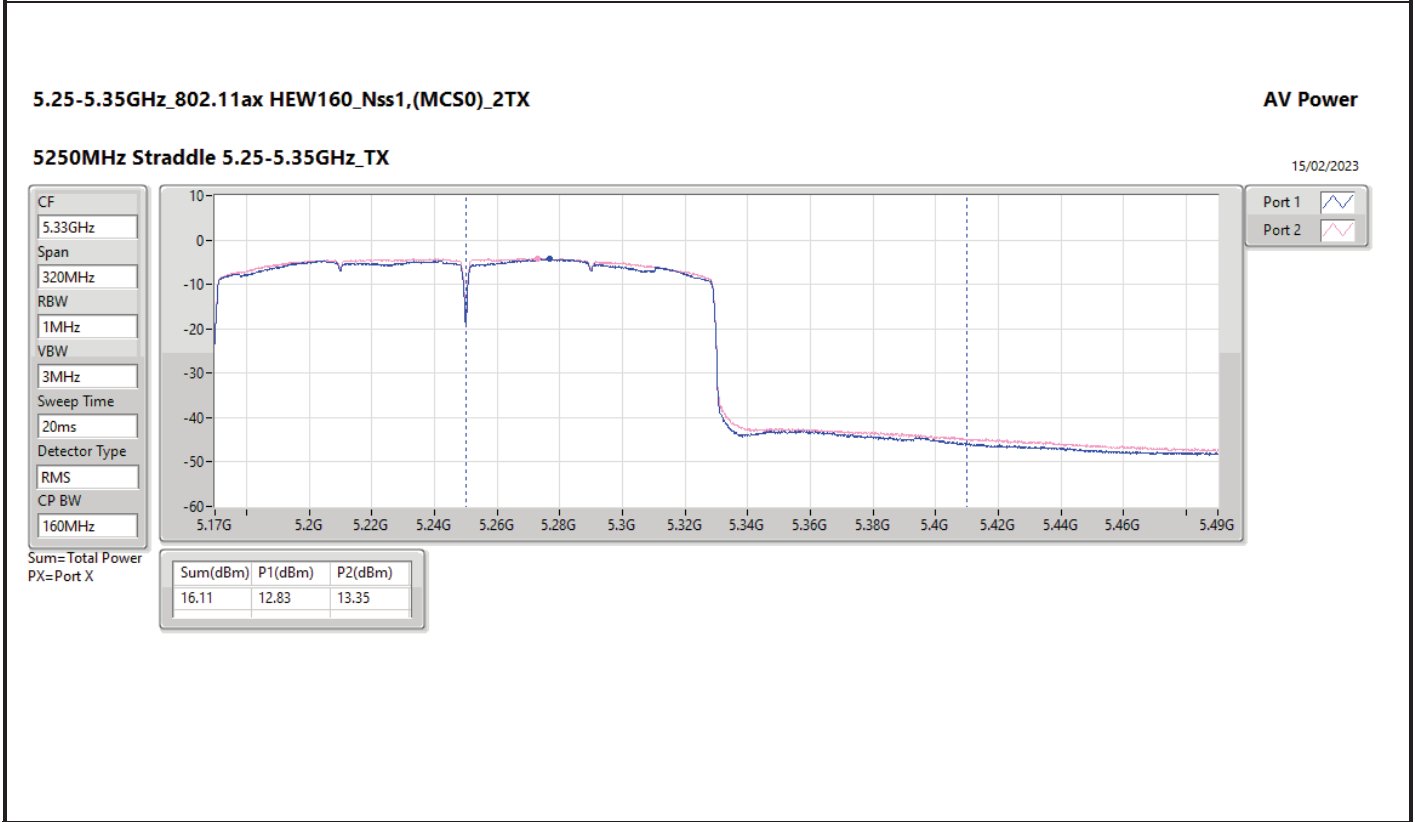
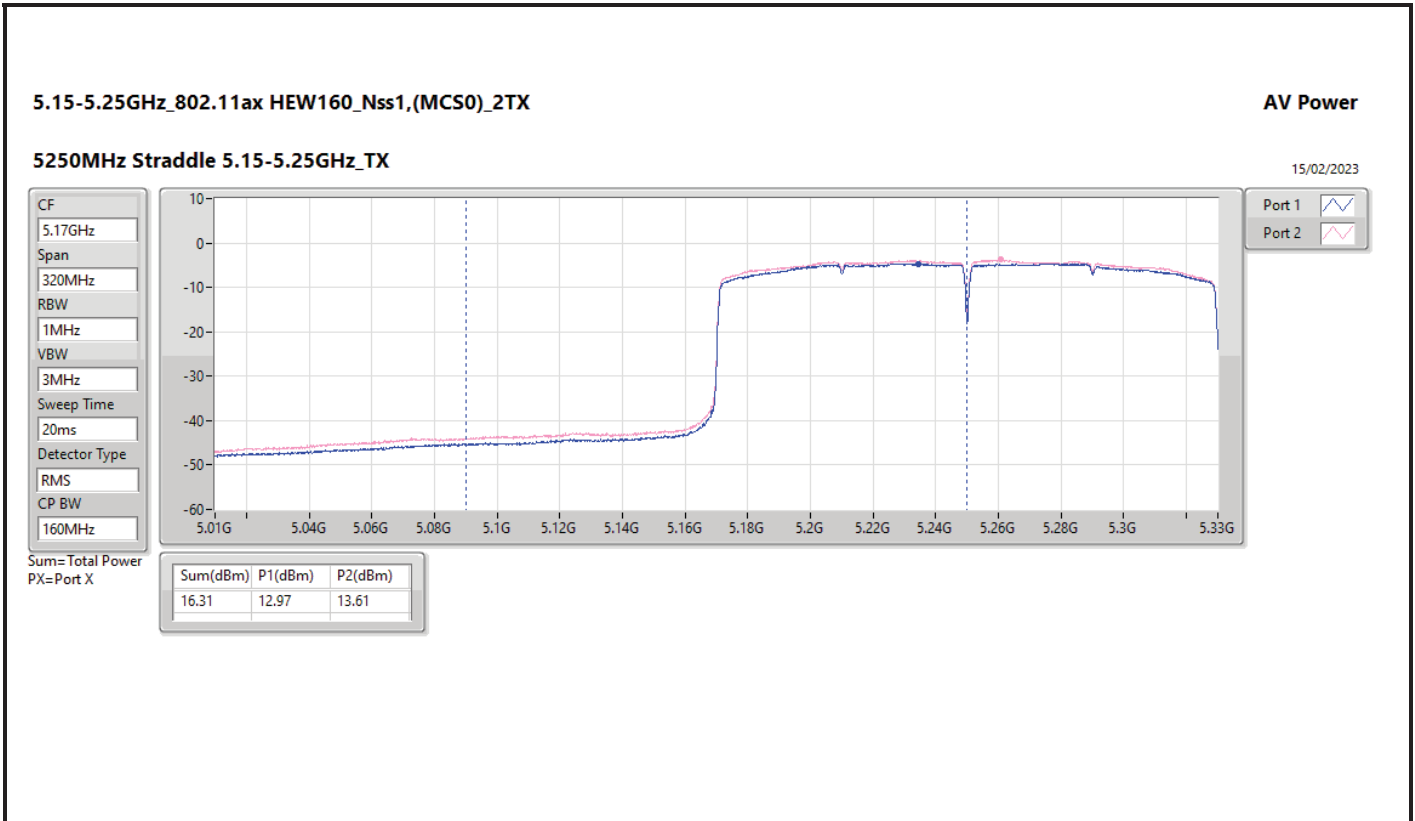
CF
5.735GHz
Span
40MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



Port 1
Port 2

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
6.96	3.70	4.18





Summary

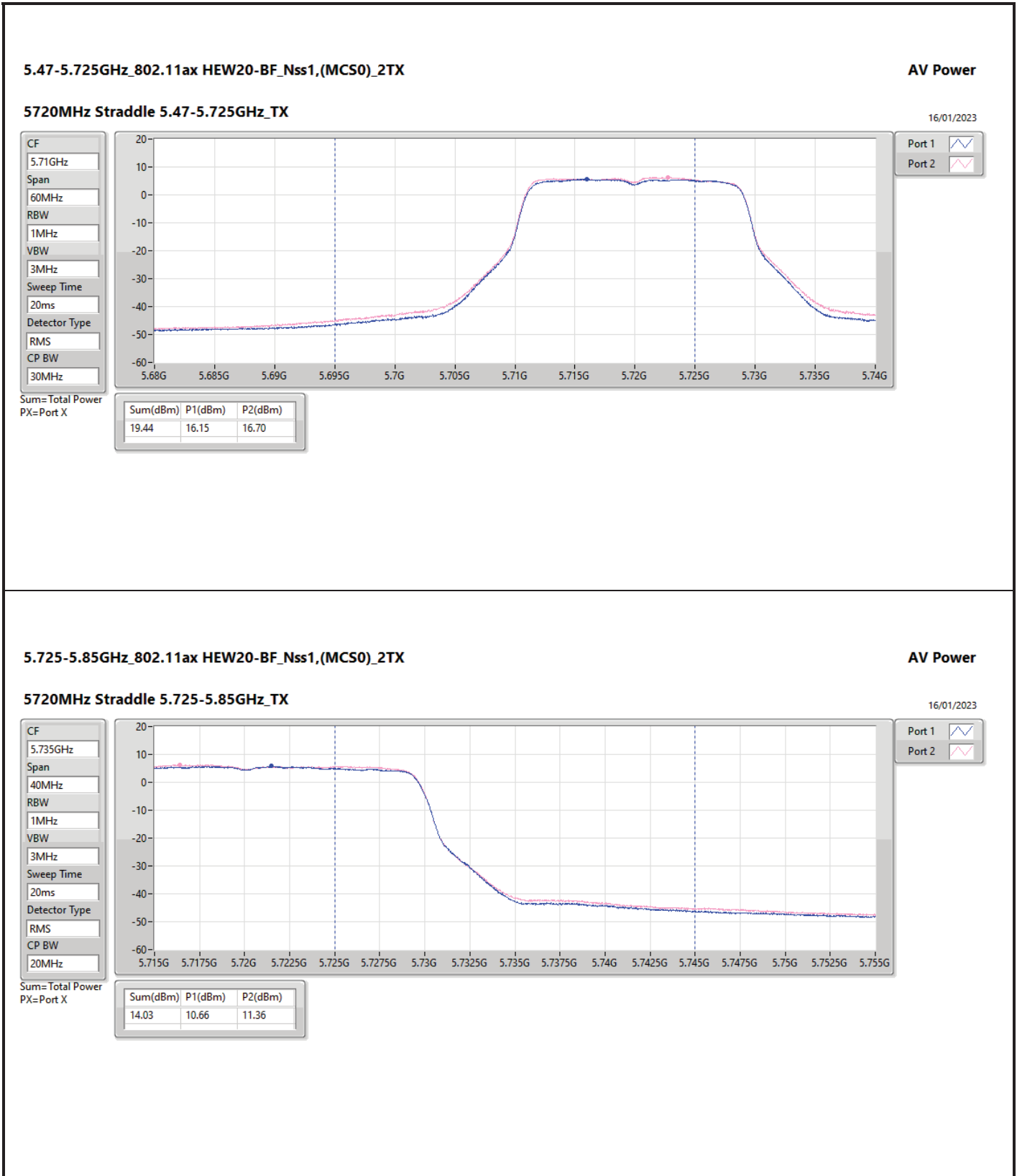
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.86	0.12190	24.76	0.29923
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.38	0.13740	25.28	0.33729
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.39	0.10940	24.29	0.26853
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.14	0.13002	24.96	0.31333
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.57	0.14355	25.39	0.34594
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.83	0.12106	24.65	0.29174
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	14.03	0.02529	18.75	0.07499
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	10.58	0.01143	15.30	0.03388
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	6.22	0.00419	10.94	0.01242

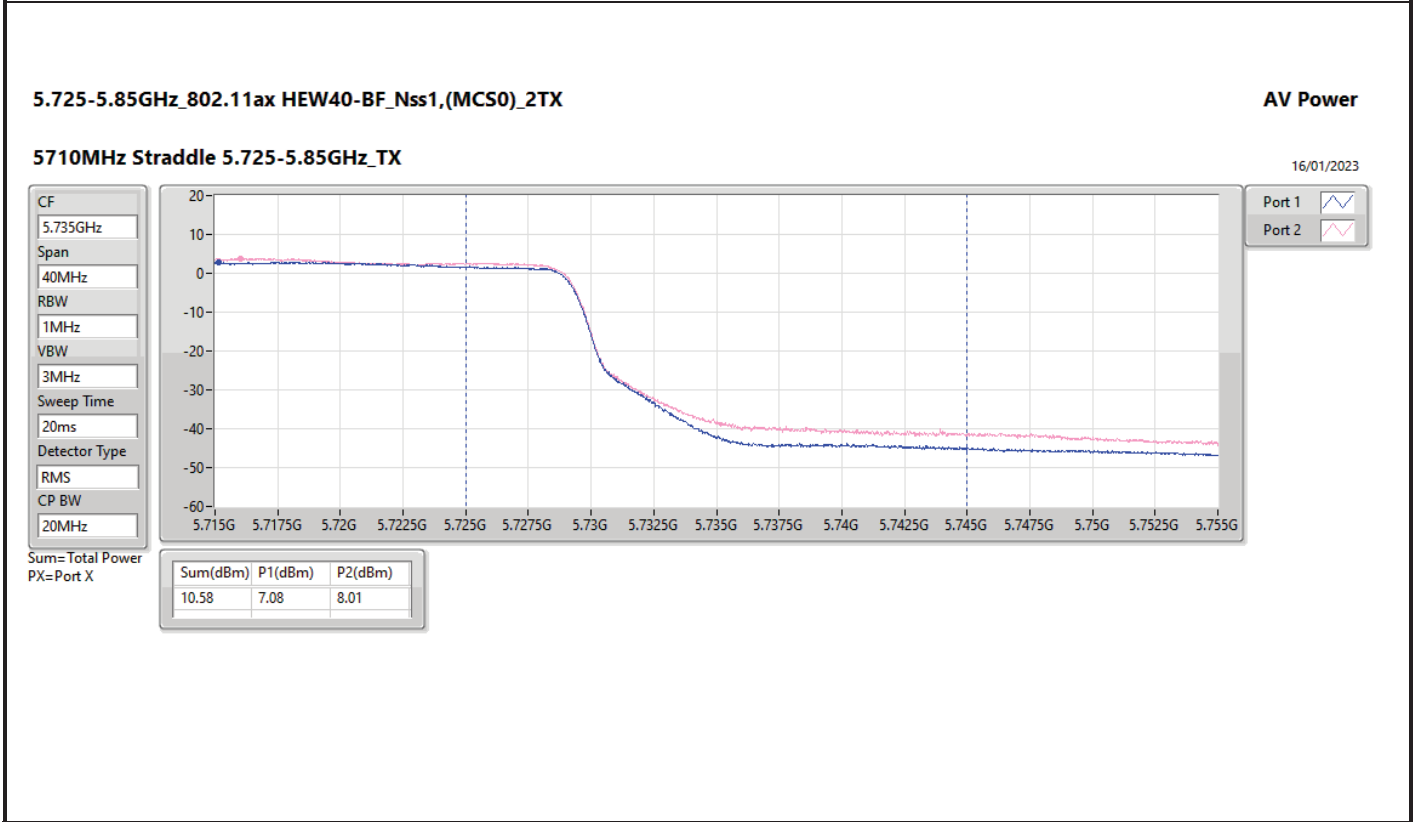
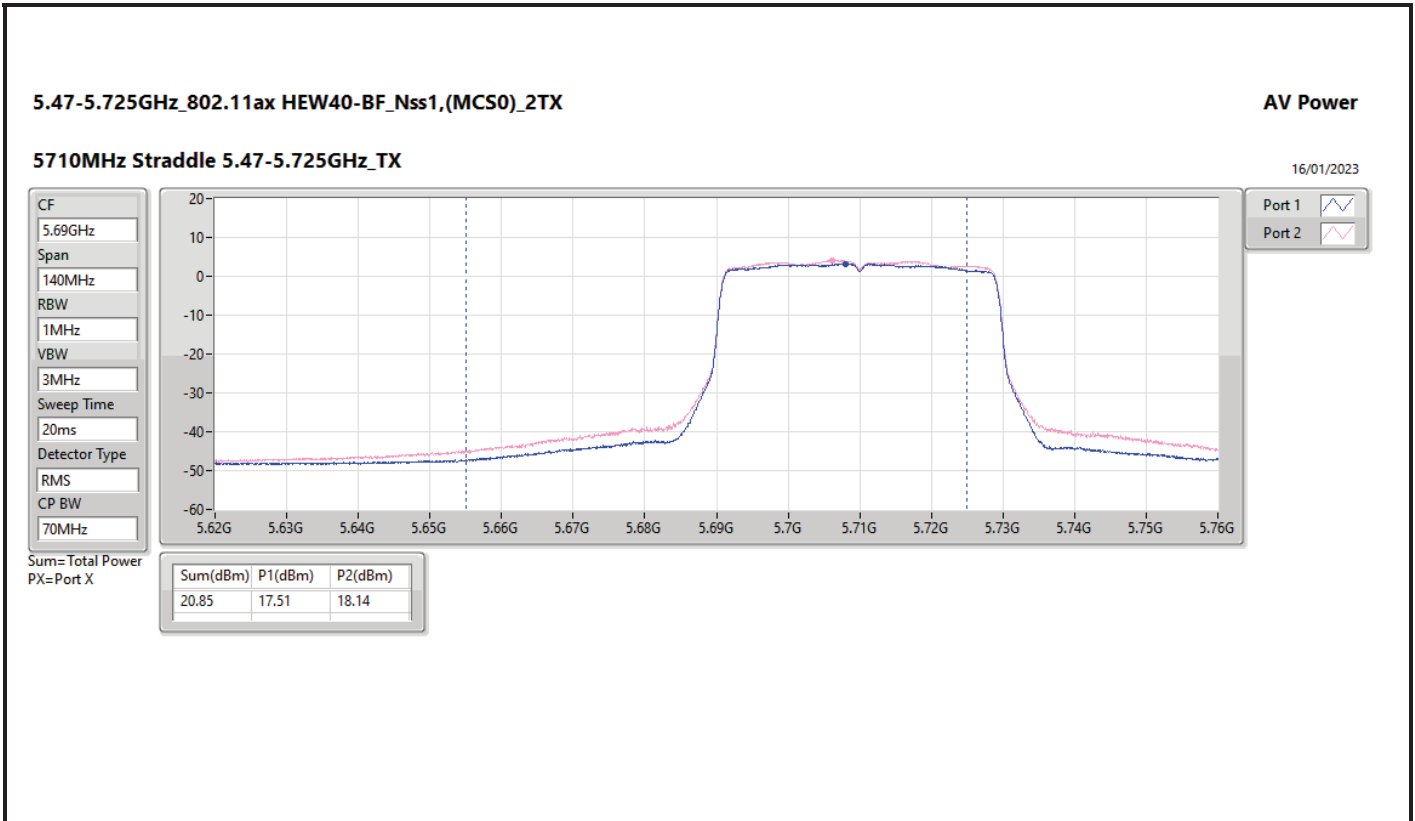


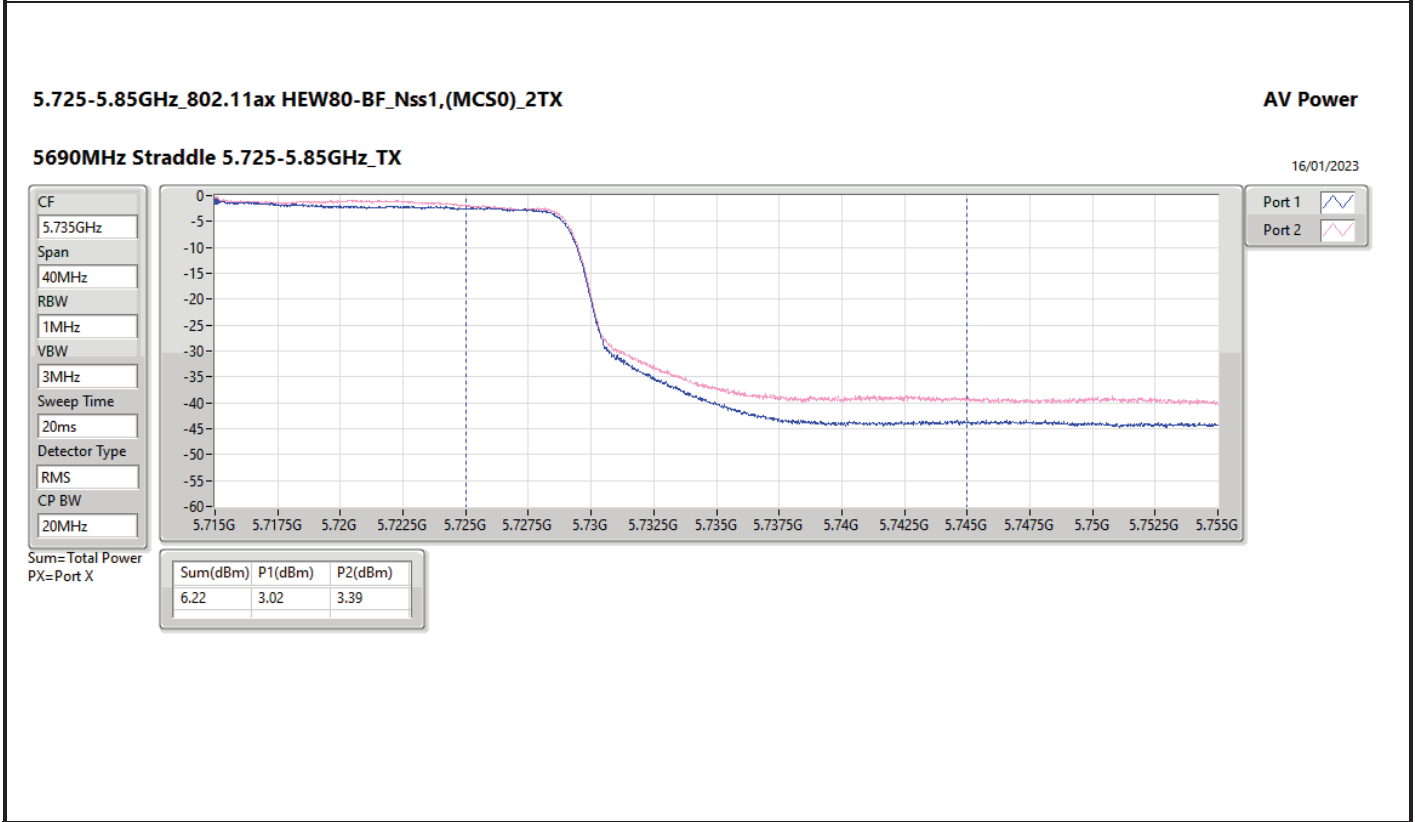
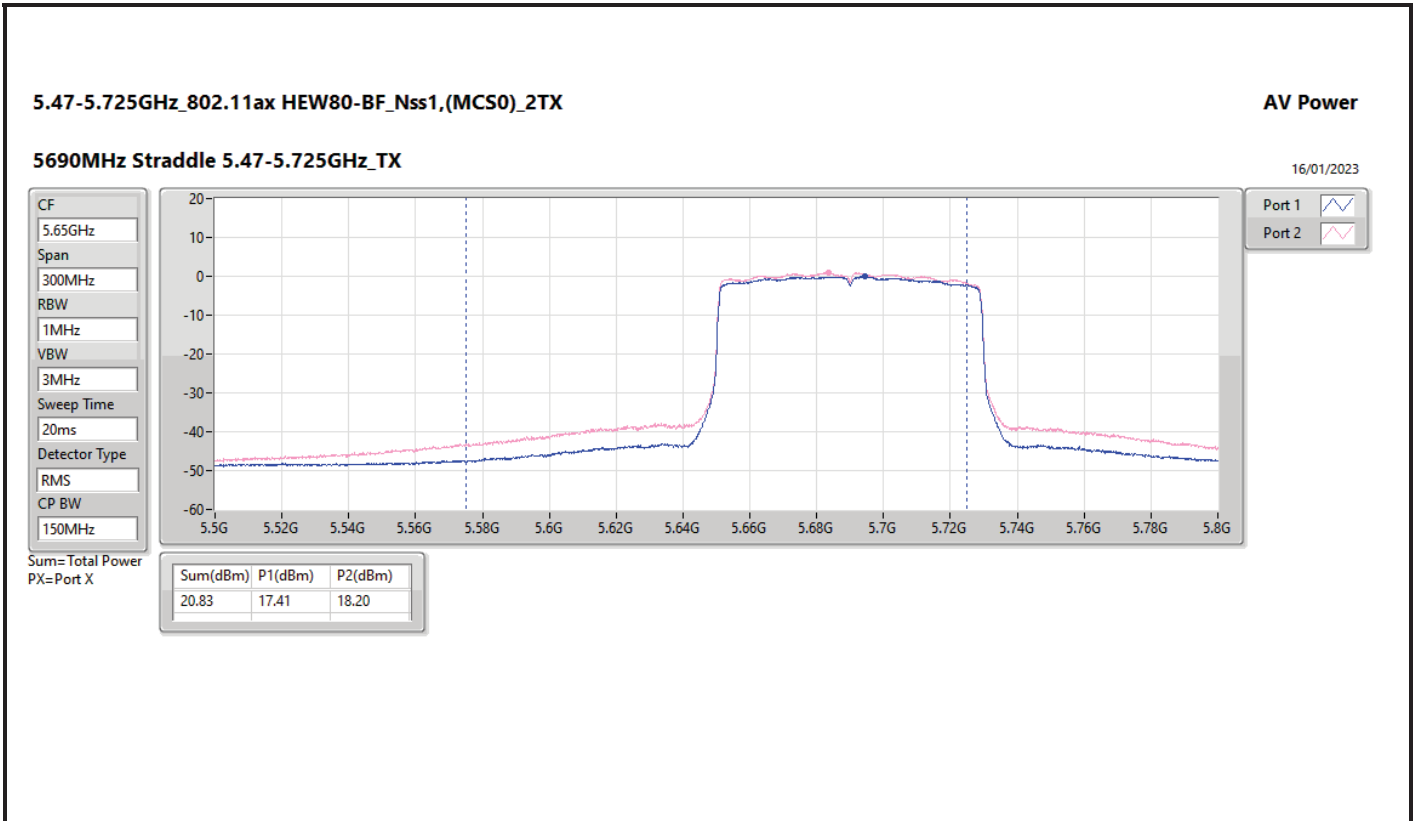
Result

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	-	-	-	-	-	-	-	-
5260MHz	Pass	3.90	18	17.7	20.86	23.98	24.76	30.00
5300MHz	Pass	3.90	18	17.66	20.84	23.98	24.74	30.00
5320MHz	Pass	3.90	18.05	17.55	20.82	23.98	24.72	30.00
5500MHz	Pass	3.82	18.2	18.05	21.14	23.98	24.96	30.00
5580MHz	Pass	3.82	17.44	17.17	20.32	23.98	24.14	30.00
5700MHz	Pass	3.82	17.79	18.2	21.01	23.98	24.83	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.82	16.15	16.7	19.44	23.01	23.26	29.01
5720MHz Straddle 5.725-5.85GHz	Pass	4.72	10.66	11.36	14.03	30.00	18.75	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.90	18.52	18.22	21.38	23.98	25.28	30.00
5310MHz	Pass	3.90	18.49	18.1	21.31	23.98	25.21	30.00
5510MHz	Pass	3.82	18.64	18.48	21.57	23.98	25.39	30.00
5550MHz	Pass	3.82	18.5	18.24	21.38	23.98	25.20	30.00
5670MHz	Pass	3.82	17.95	18.69	21.35	23.98	25.17	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.82	17.51	18.14	20.85	23.98	24.67	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.72	7.08	8.01	10.58	30.00	15.30	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.90	17.56	17.19	20.39	23.98	24.29	30.00
5530MHz	Pass	3.82	17.87	17.71	20.80	23.98	24.62	30.00
5610MHz	Pass	3.82	17.35	17.41	20.39	23.98	24.21	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.82	17.41	18.2	20.83	23.98	24.65	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.72	3.02	3.39	6.22	30.00	10.94	36.00

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









Summary

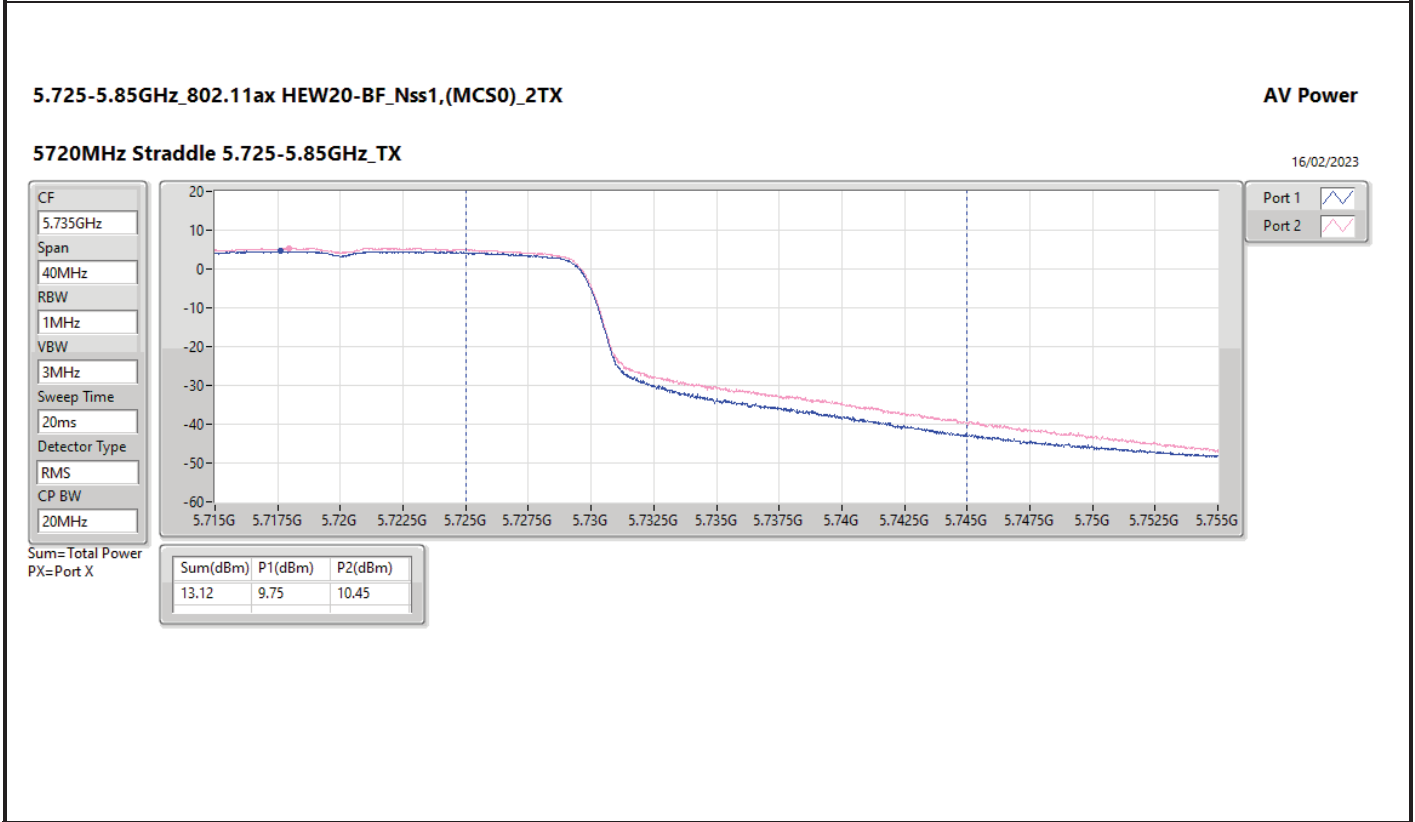
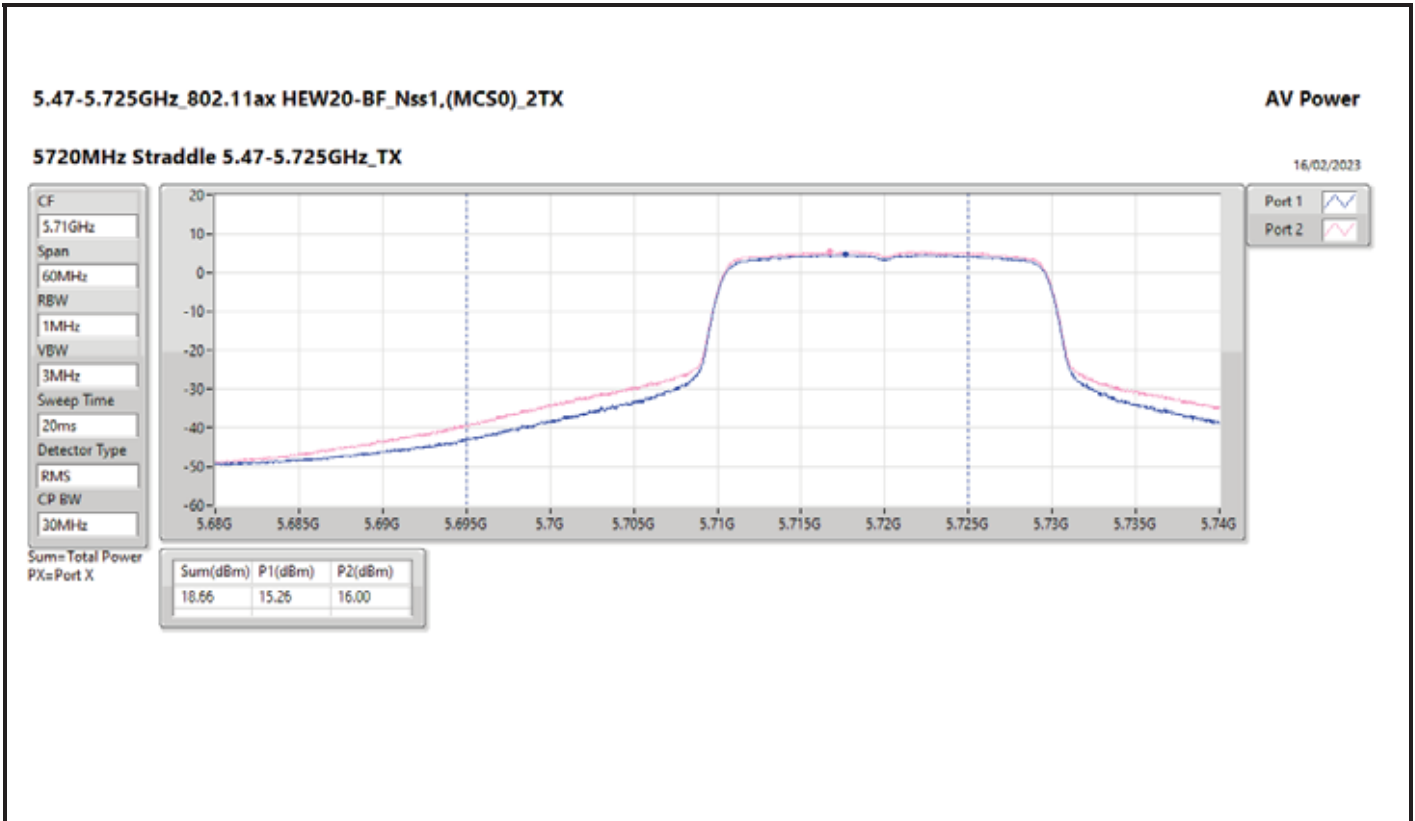
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	14.65	0.02917	24.06	0.25468
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.06	0.10139	29.47	0.88512
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.02	0.10046	29.43	0.87700
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.19	0.06592	27.60	0.57544
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	14.35	0.02723	23.76	0.23768
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.98	0.09954	29.39	0.86896
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.08	0.10186	29.49	0.88920
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.85	0.09661	29.26	0.84333
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	19.56	0.09036	28.97	0.78886
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	13.12	0.02051	22.53	0.17906
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	9.76	0.00946	19.17	0.08260
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	5.99	0.00397	15.40	0.03467

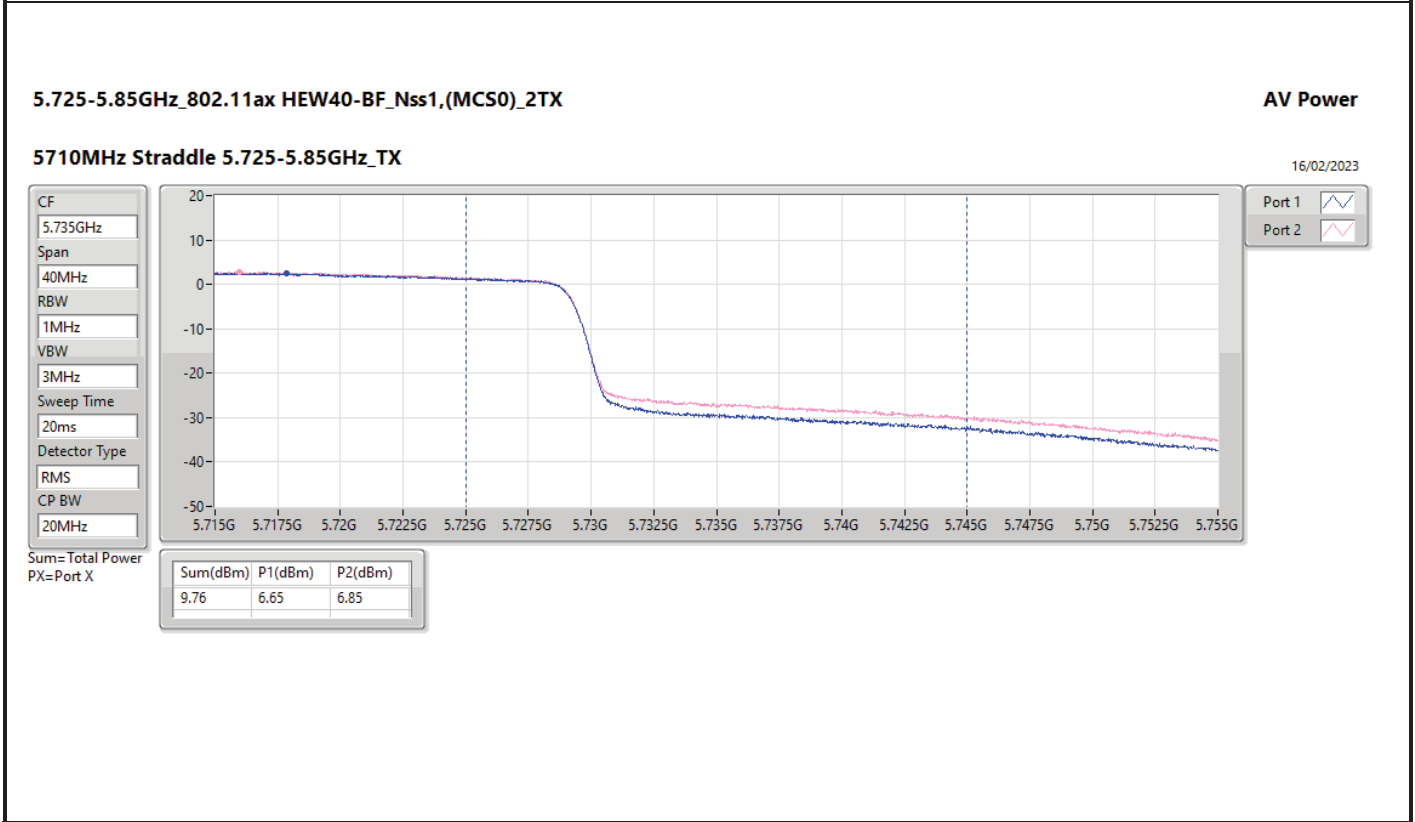
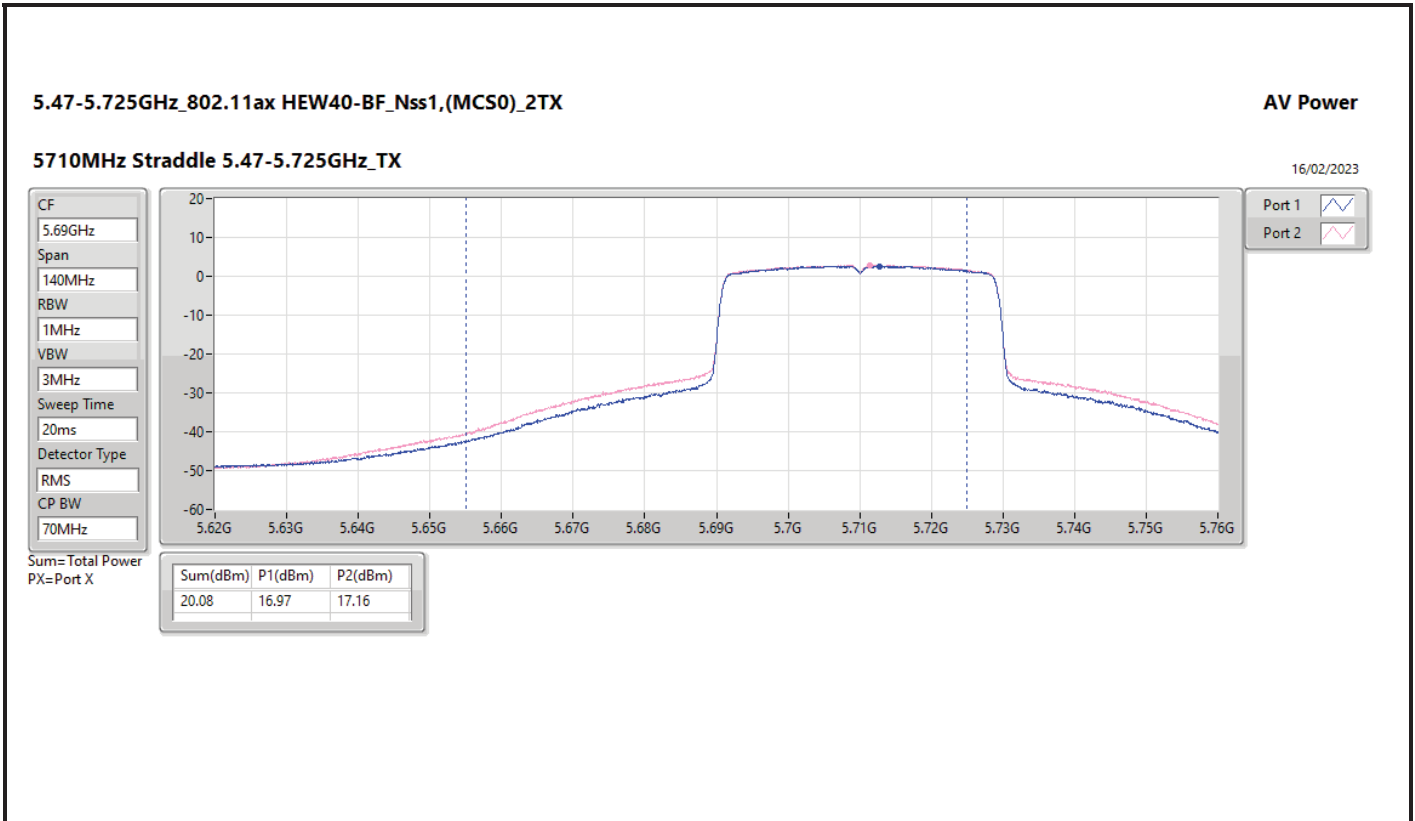


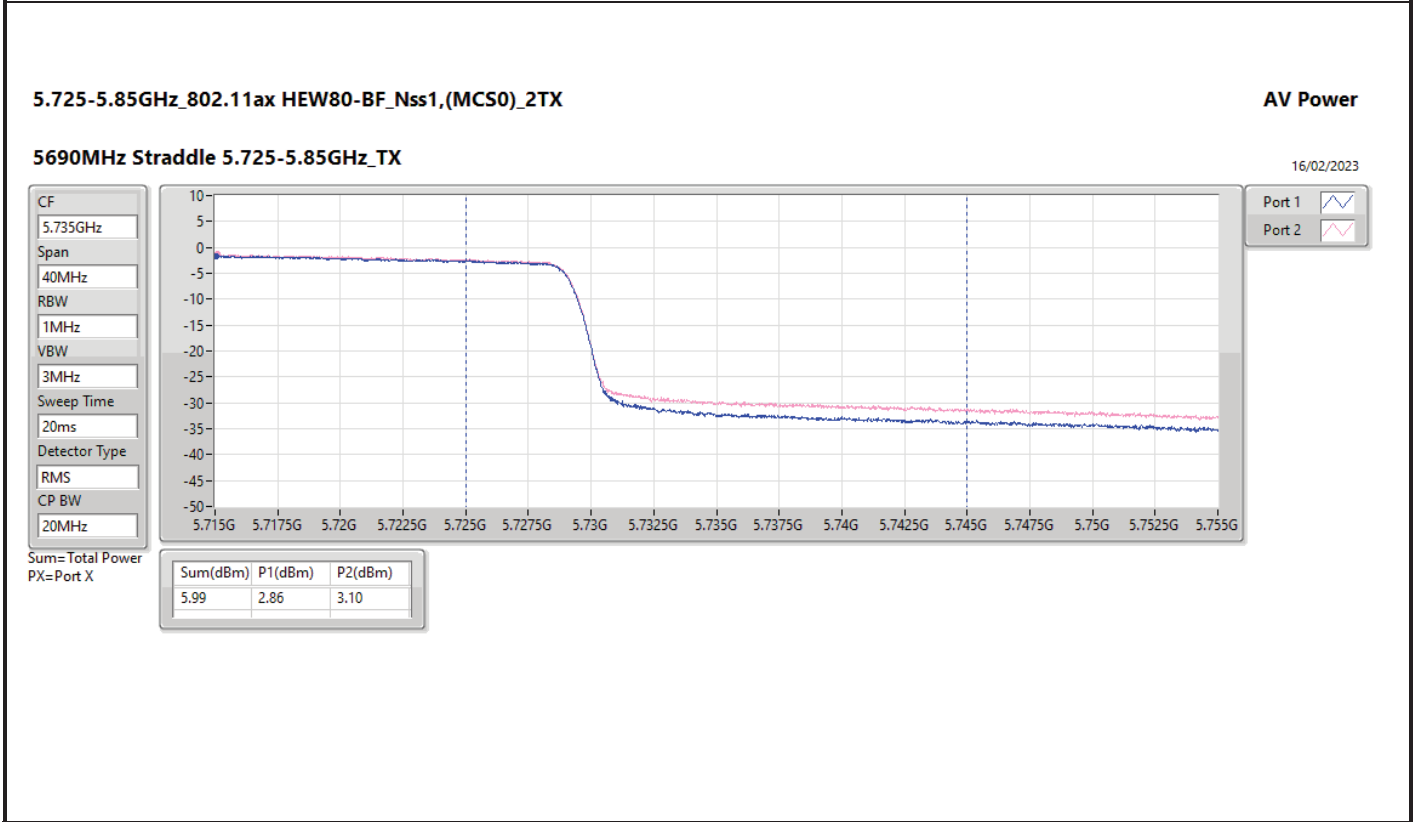
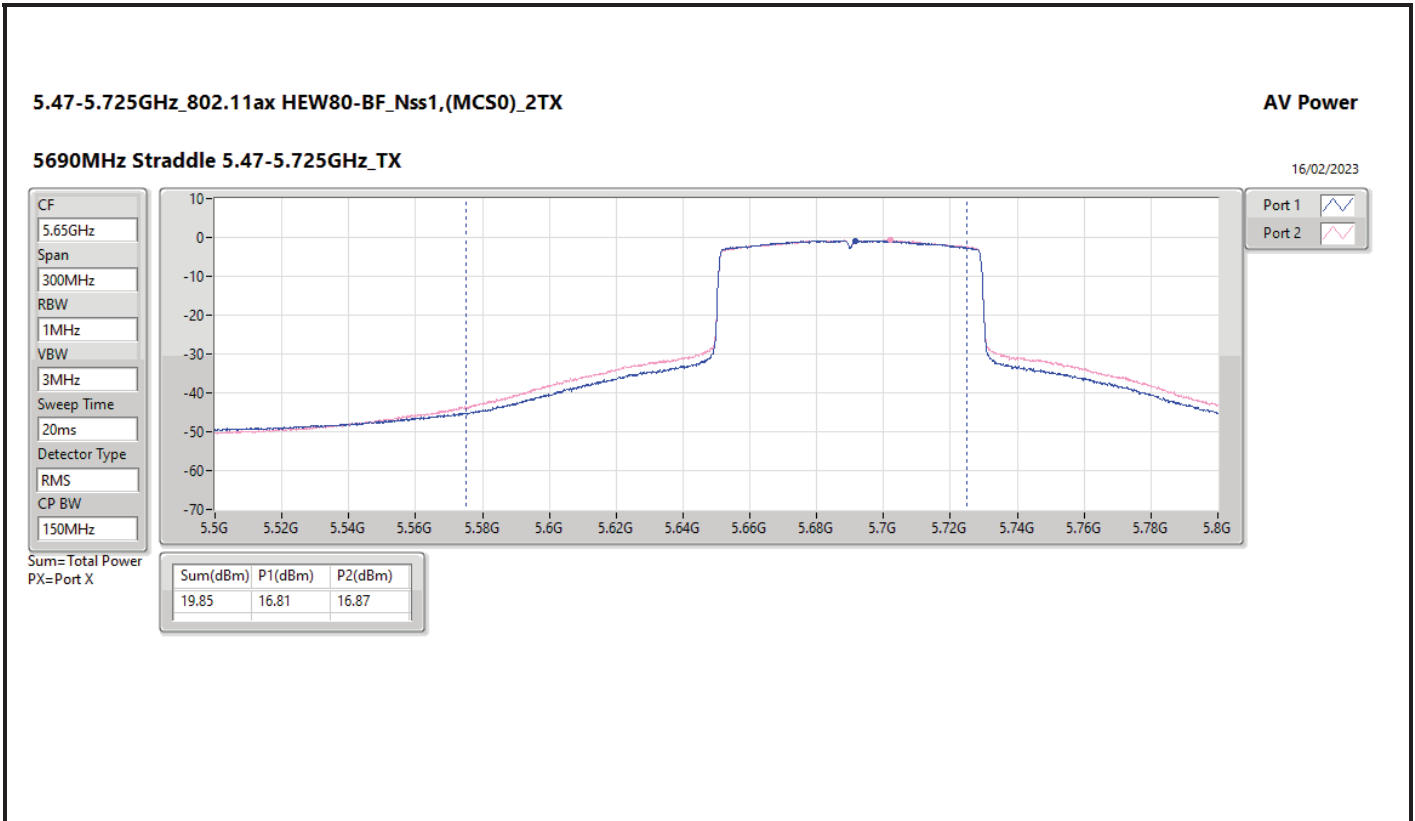
Result

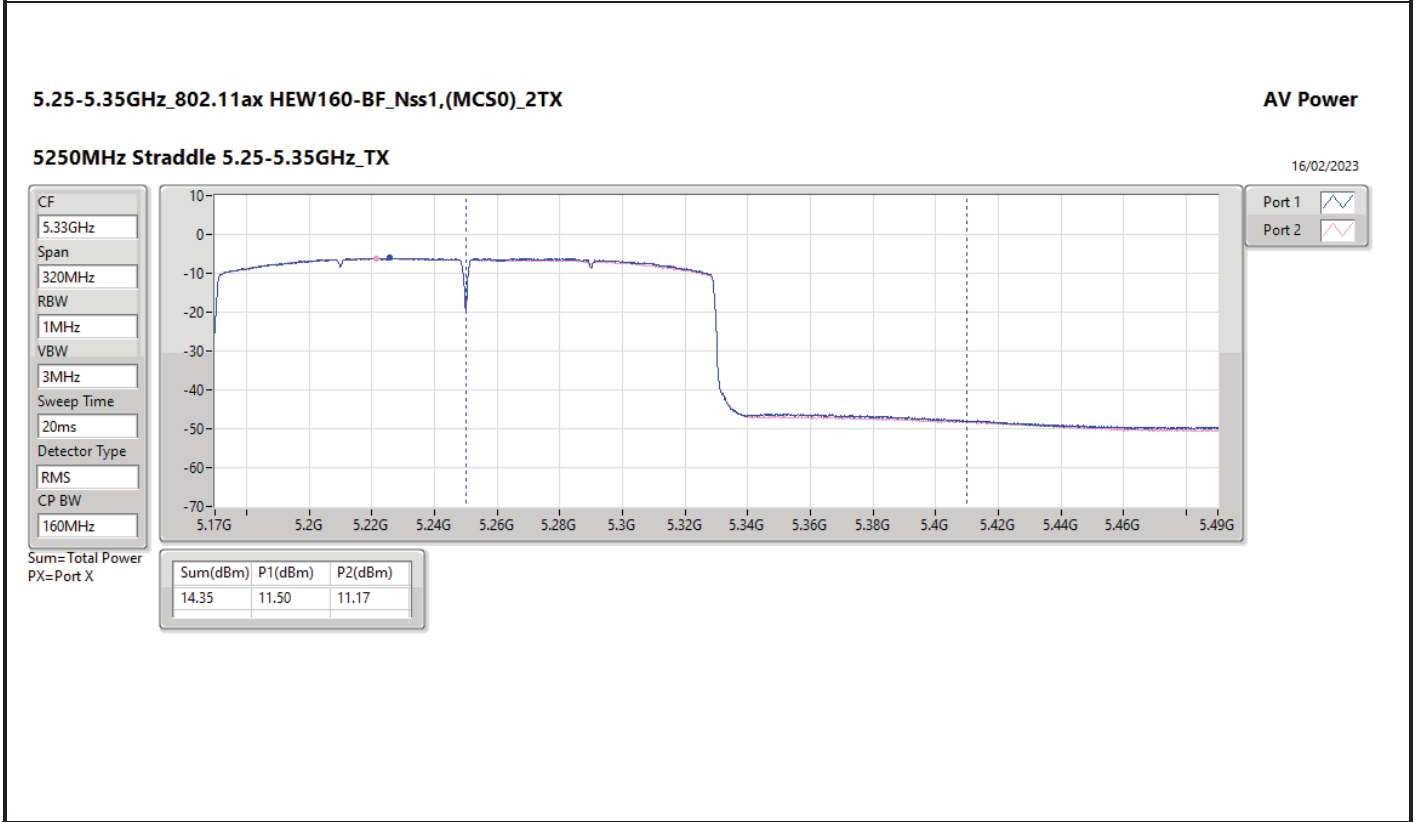
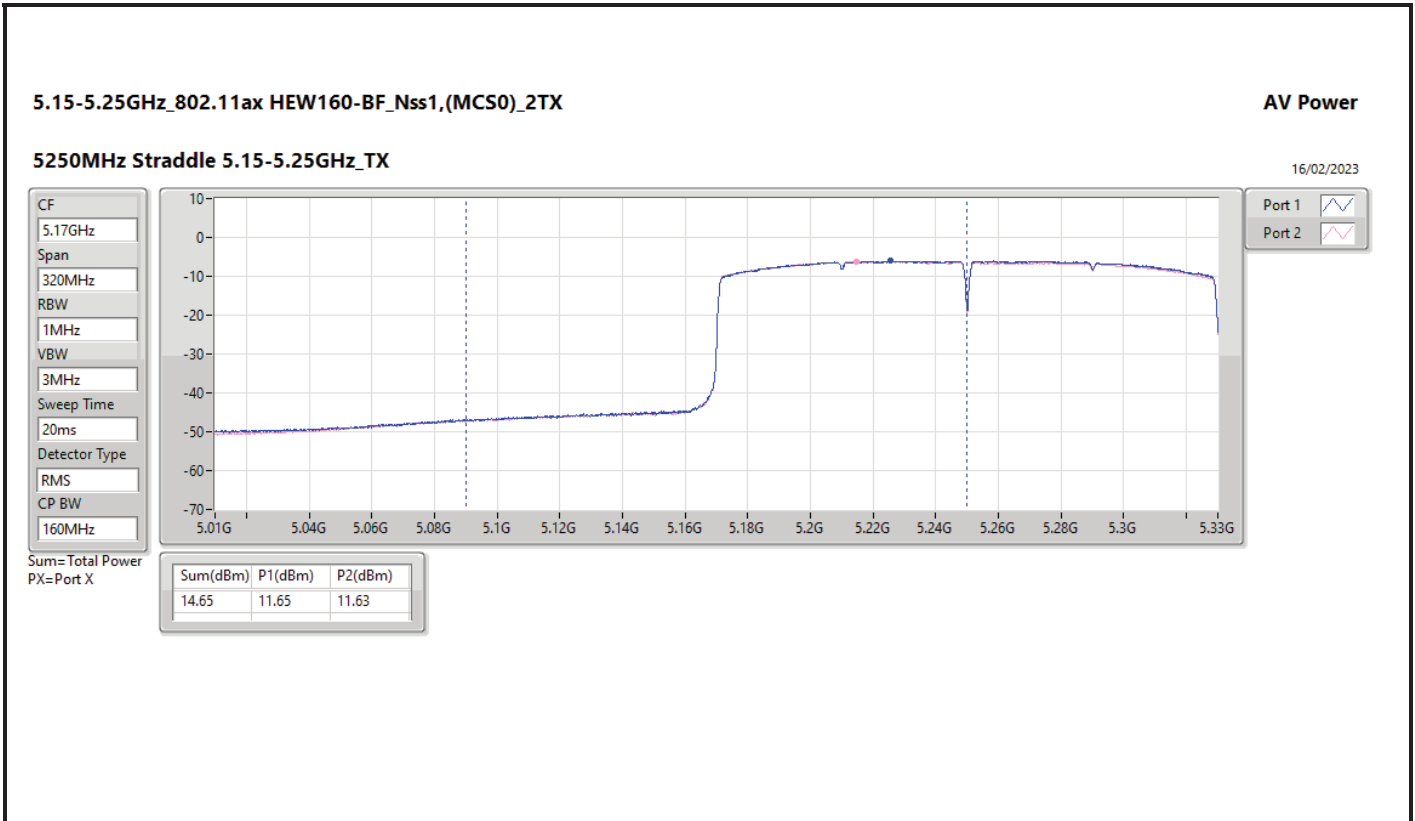
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.41	16.65	16.96	19.82	20.57	29.23	30.00
5300MHz	Pass	9.41	16.62	16.71	19.68	20.57	29.09	30.00
5320MHz	Pass	9.41	17.20	16.90	20.06	20.57	29.47	30.00
5500MHz	Pass	9.41	16.97	16.97	19.98	20.57	29.39	30.00
5580MHz	Pass	9.41	16.79	17.08	19.95	20.57	29.36	30.00
5700MHz	Pass	9.41	16.41	16.64	19.54	20.57	28.95	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.41	15.26	16.00	18.66	19.50	28.07	28.91
5720MHz Straddle 5.725-5.85GHz	Pass	9.41	9.75	10.45	13.12	26.59	22.53	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	9.41	16.85	17.17	20.02	20.57	29.43	30.00
5310MHz	Pass	9.41	15.26	15.20	18.24	20.57	27.65	30.00
5510MHz	Pass	9.41	15.28	15.19	18.25	20.57	27.66	30.00
5550MHz	Pass	9.41	16.80	16.93	19.88	20.57	29.29	30.00
5670MHz	Pass	9.41	16.79	17.09	19.95	20.57	29.36	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.41	16.97	17.16	20.08	20.57	29.49	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.41	6.65	6.85	9.76	26.59	19.17	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.41	15.14	15.21	18.19	20.57	27.60	30.00
5530MHz	Pass	9.41	14.88	15.10	18.00	20.57	27.41	30.00
5610MHz	Pass	9.41	16.70	16.80	19.76	20.57	29.17	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.41	16.81	16.87	19.85	20.57	29.26	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.41	2.86	3.10	5.99	26.59	15.40	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.41	11.65	11.63	14.65	26.59	24.06	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	9.41	11.50	11.17	14.35	20.57	23.76	30.00
5570MHz	Pass	9.41	16.36	16.73	19.56	20.57	28.97	30.00

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











Summary

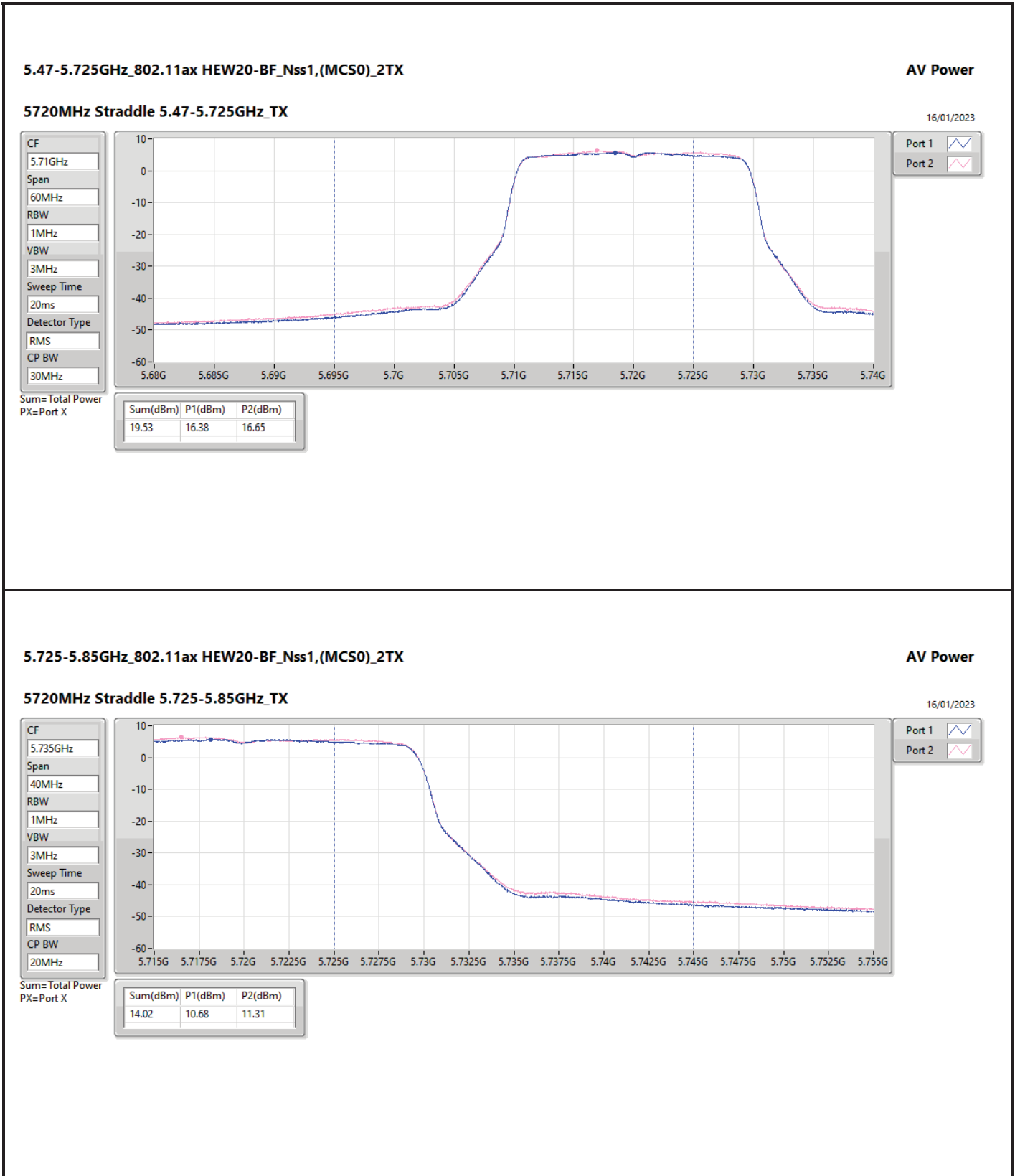
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.73	0.11830	29.49	0.88920
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.43	0.11041	29.19	0.82985
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.34	0.10814	29.10	0.81283
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.61	0.11508	29.37	0.86497
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.73	0.11830	29.49	0.88920
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.65	0.11614	29.41	0.87297
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	14.02	0.02523	22.78	0.18967
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	10.05	0.01012	18.81	0.07603
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	5.95	0.00394	14.71	0.02958



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	-	-	-	-	-	-	-	-
5260MHz	Pass	8.76	17.44	17.19	20.33	21.22	29.09	30.00
5300MHz	Pass	8.76	18.04	17.37	20.73	21.22	29.49	30.00
5320MHz	Pass	8.76	18.03	17.36	20.72	21.22	29.48	30.00
5500MHz	Pass	8.76	17.48	17.16	20.33	21.22	29.09	30.00
5580MHz	Pass	8.76	17.87	17.32	20.61	21.22	29.37	30.00
5700MHz	Pass	8.76	17.31	17.64	20.49	21.22	29.25	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.76	16.38	16.65	19.53	20.21	28.29	28.97
5720MHz Straddle 5.725-5.85GHz	Pass	8.76	10.68	11.31	14.02	27.24	22.78	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.76	17.46	17.37	20.43	21.22	29.19	30.00
5310MHz	Pass	8.76	17.58	17.11	20.36	21.22	29.12	30.00
5510MHz	Pass	8.76	17.49	17.34	20.43	21.22	29.19	30.00
5550MHz	Pass	8.76	17.82	17.61	20.73	21.22	29.49	30.00
5670MHz	Pass	8.76	17.13	17.60	20.38	21.22	29.14	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.76	16.87	17.64	20.28	21.22	29.04	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.76	6.49	7.52	10.05	27.24	18.81	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.76	17.45	17.20	20.34	21.22	29.10	30.00
5530MHz	Pass	8.76	17.63	17.32	20.49	21.22	29.25	30.00
5610MHz	Pass	8.76	17.69	17.58	20.65	21.22	29.41	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.76	16.85	17.69	20.30	21.22	29.06	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.76	2.35	3.46	5.95	27.24	14.71	36.00

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



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

5720MHz Straddle 5.725-5.85GHz_TX

AV Power

16/01/2023

CF

5.735GHz

Span

40MHz

RBW

1MHz

VBW

3MHz

Sweep Time

20ms

Detector Type

RMS

CP BW

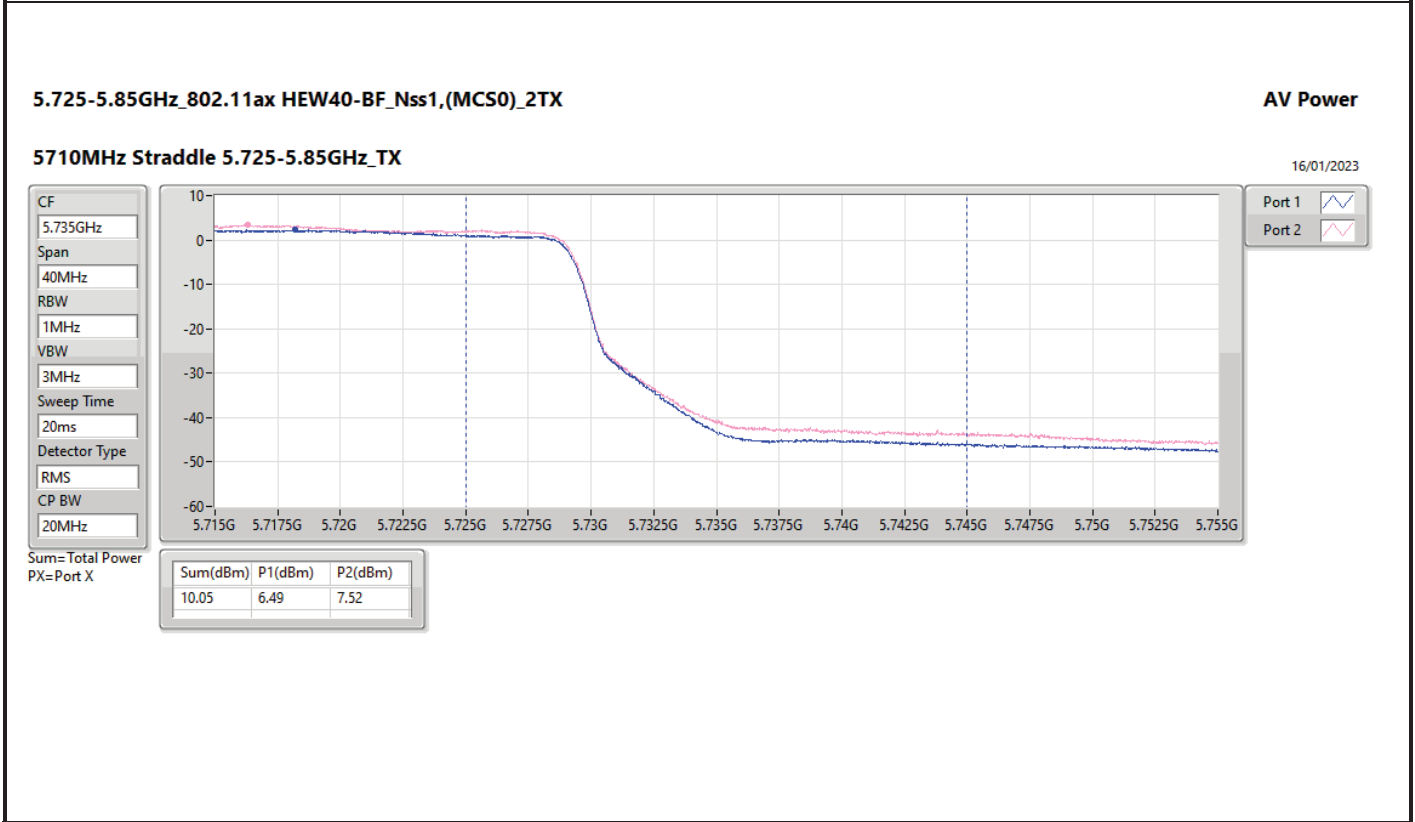
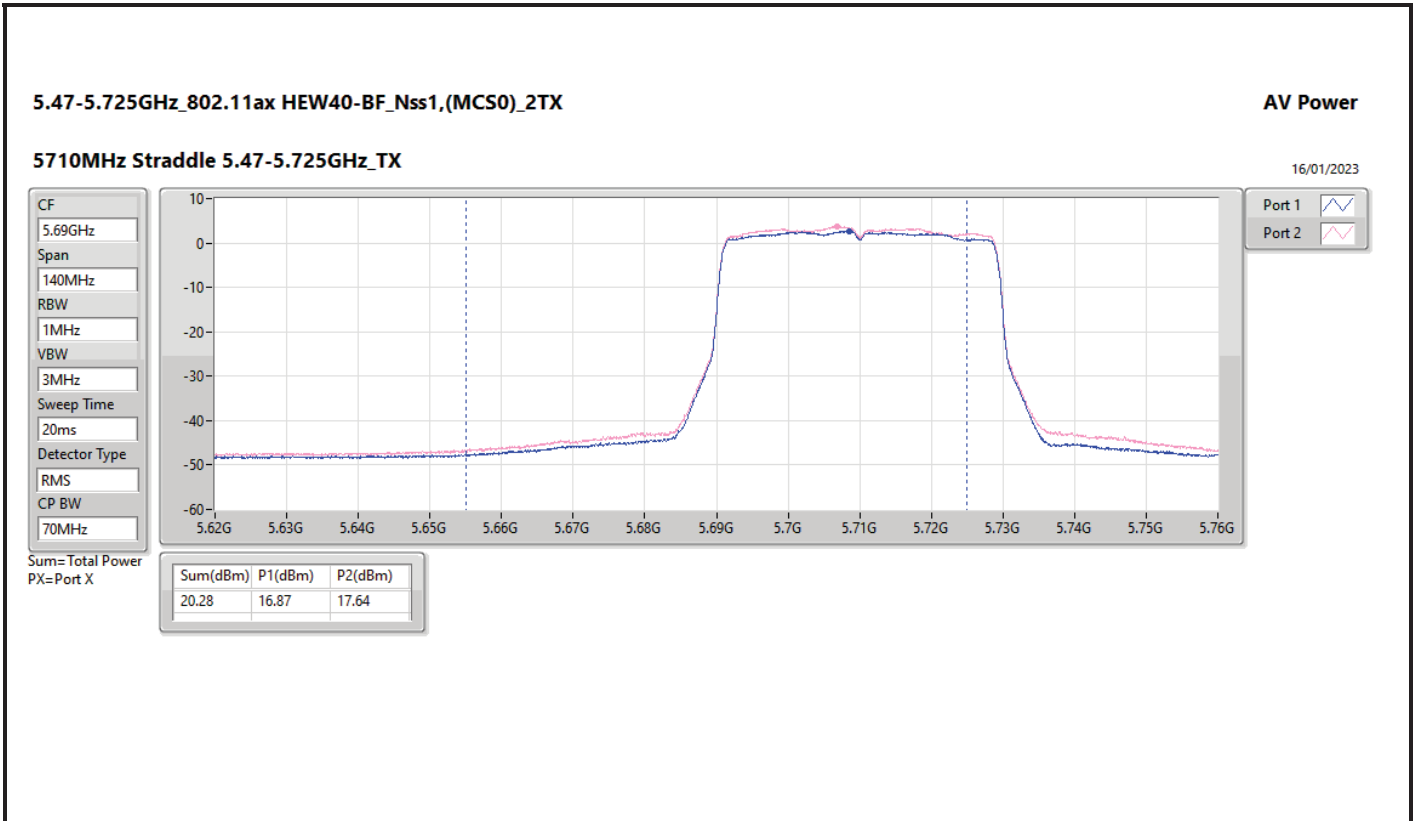
20MHz

Port 1

Port 2

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
14.02	10.68	11.31





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

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

16/01/2023

CF
5.65GHz

Span
300MHz

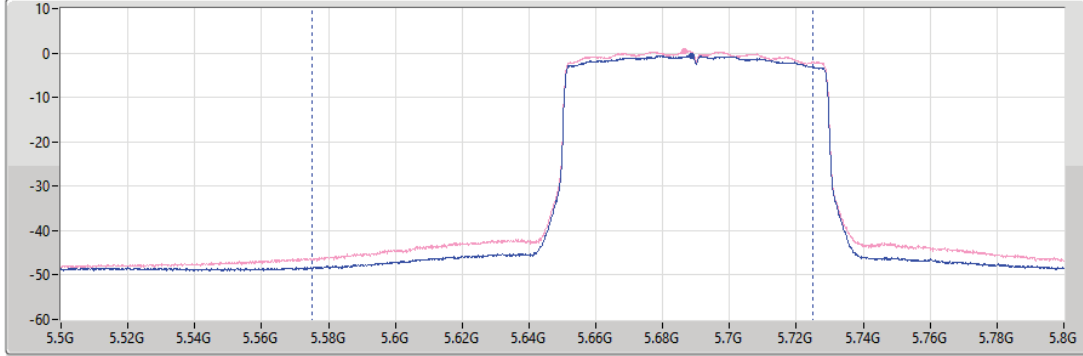
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
150MHz



Port 1

Port 2

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
20.30	16.85	17.69

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

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

16/01/2023

CF
5.735GHz

Span
40MHz

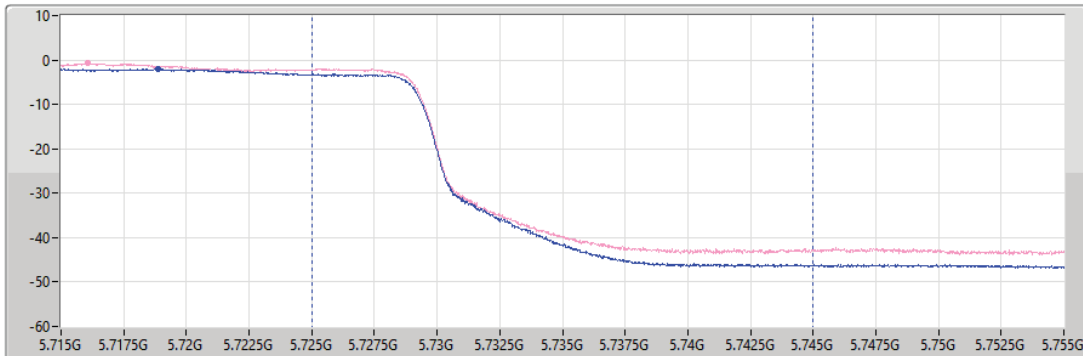
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
20MHz



Port 1

Port 2

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
5.95	2.35	3.46



Summary

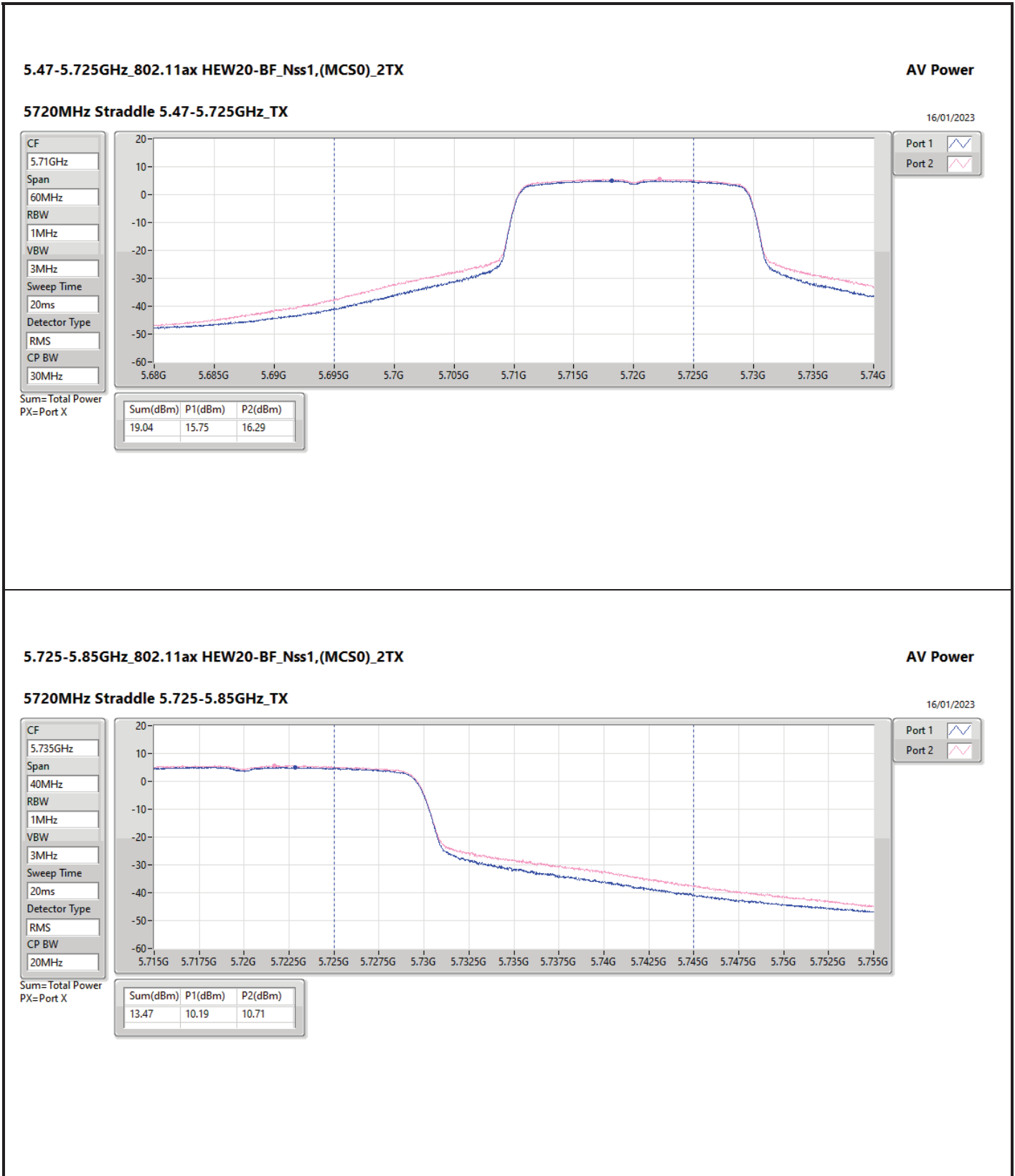
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	15.11	0.03243	24.23	0.26485
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.00	0.10000	29.12	0.81658
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.20	0.10471	29.32	0.85507
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.02	0.07980	28.14	0.65163
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	14.97	0.03141	24.09	0.25645
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.30	0.10715	29.42	0.87498
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.37	0.10889	29.49	0.88920
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.27	0.10641	29.39	0.86896
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	19.31	0.08531	28.43	0.69663
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	13.47	0.02223	22.59	0.18155
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	9.58	0.00908	18.70	0.07413
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	6.34	0.00431	15.46	0.03516

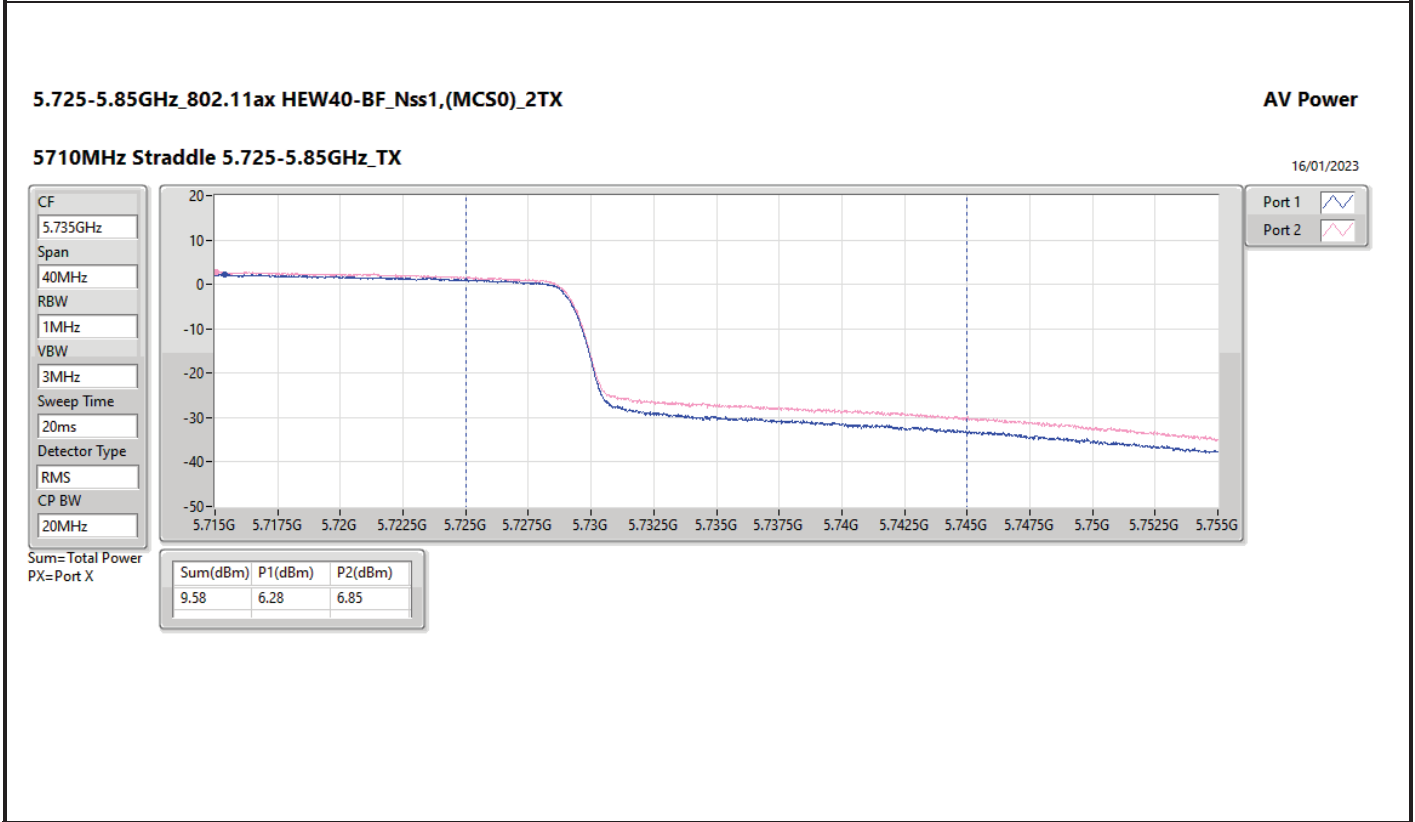
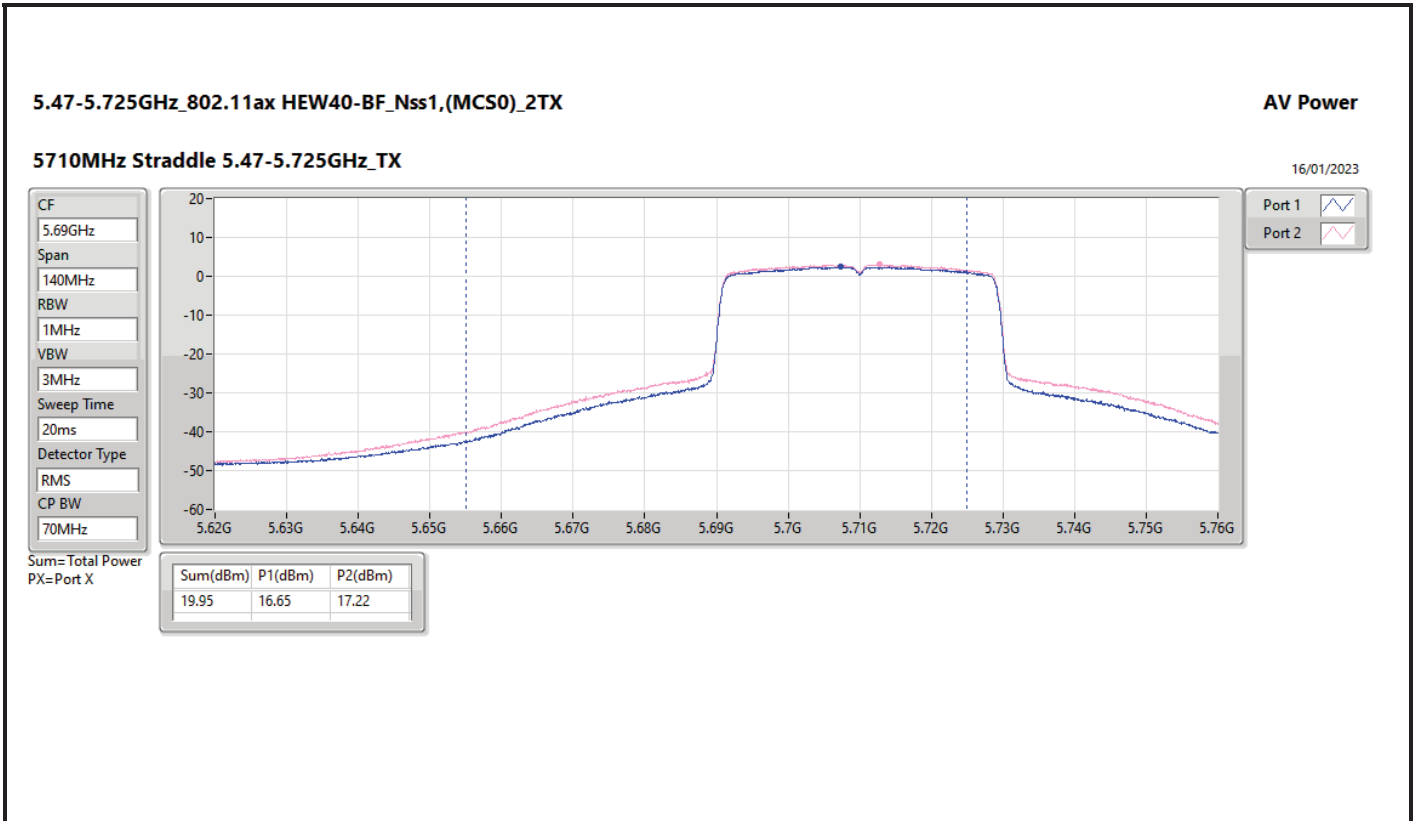


Result

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	-	-	-	-	-	-	-	-
5260MHz	Pass	9.12	16.59	17.36	20.00	20.86	29.12	30.00
5300MHz	Pass	9.12	16.77	17.11	19.95	20.86	29.07	30.00
5320MHz	Pass	9.12	16.96	16.93	19.96	20.86	29.08	30.00
5500MHz	Pass	9.12	17.29	17.28	20.30	20.86	29.42	30.00
5580MHz	Pass	9.12	16.74	17.26	20.02	20.86	29.14	30.00
5700MHz	Pass	9.12	16.19	16.76	19.49	20.86	28.61	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.12	15.75	16.29	19.04	19.86	28.16	28.98
5720MHz Straddle 5.725-5.85GHz	Pass	9.12	10.19	10.71	13.47	26.88	22.59	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	9.12	16.99	17.38	20.20	20.86	29.32	30.00
5310MHz	Pass	9.12	15.92	16.08	19.01	20.86	28.13	30.00
5510MHz	Pass	9.12	15.6	15.4	18.51	20.86	27.63	30.00
5550MHz	Pass	9.12	17.14	17.57	20.37	20.86	29.49	30.00
5670MHz	Pass	9.12	16.7	17.29	20.02	20.86	29.14	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.12	16.65	17.22	19.95	20.86	29.07	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.12	6.28	6.85	9.58	26.88	18.70	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.12	15.83	16.19	19.02	20.86	28.14	30.00
5530MHz	Pass	9.12	14.59	14.72	17.67	20.86	26.79	30.00
5610MHz	Pass	9.12	16.84	17.2	20.03	20.86	29.15	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.12	17.04	17.47	20.27	20.86	29.39	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.12	3.15	3.51	6.34	26.88	15.46	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.12	11.87	12.32	15.11	26.88	24.23	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	9.12	11.82	12.10	14.97	20.86	24.09	30.00
5570MHz	Pass	9.12	16.25	16.35	19.31	20.86	28.43	30.00

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







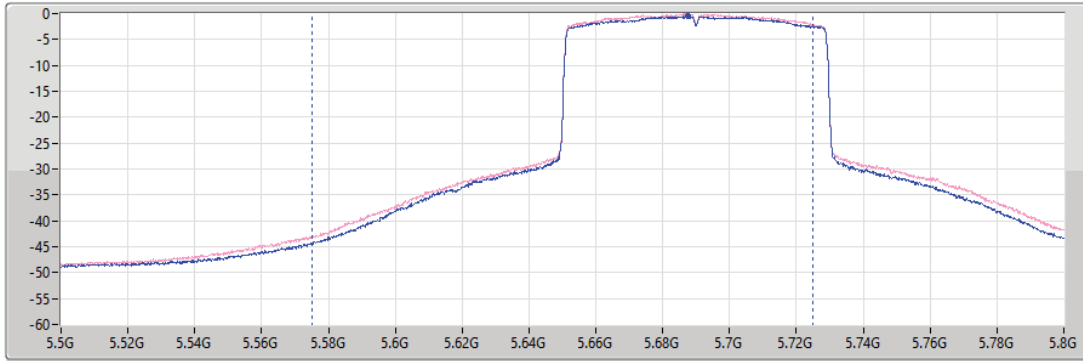
5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

16/01/2023

CF
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
150MHz



Port 1
Port 2

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
20.27	17.04	17.47

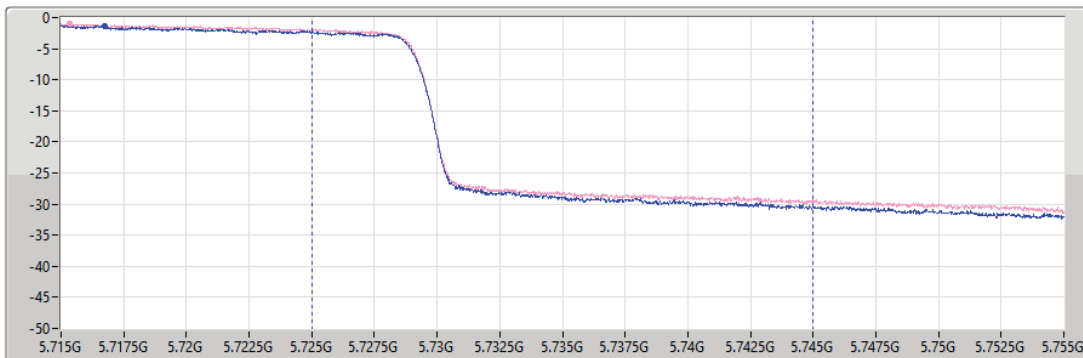
5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

16/01/2023

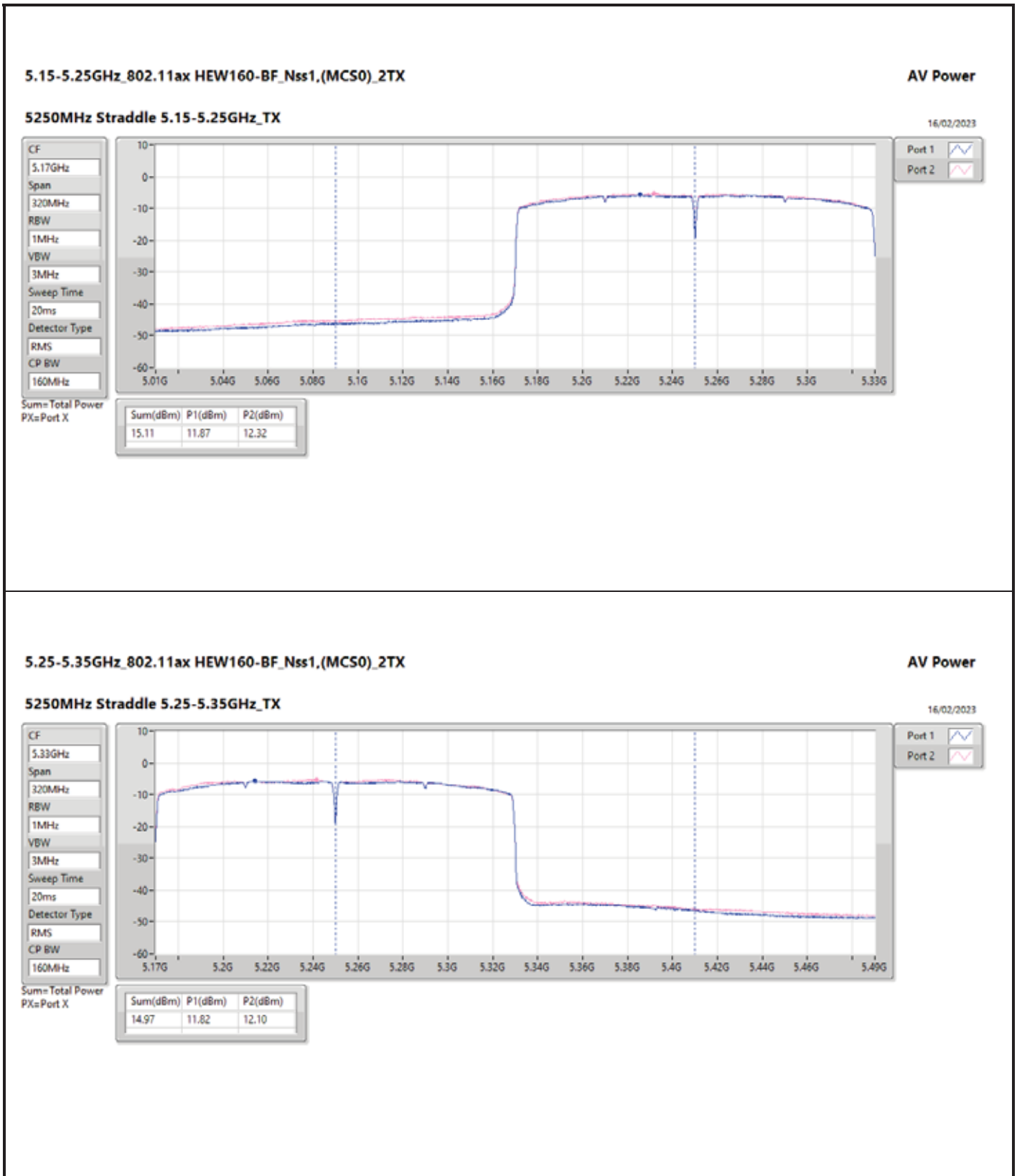
CF
5.735GHz
Span
40MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



Port 1
Port 2

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
6.34	3.15	3.51





Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.25	12.15
802.11ax HEW20_Nss1,(MCS0)_2TX	7.26	11.16
802.11ax HEW40_Nss1,(MCS0)_2TX	5.04	8.94
802.11ax HEW80_Nss1,(MCS0)_2TX	1.03	4.93
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.82	12.64
802.11ax HEW20_Nss1,(MCS0)_2TX	7.75	11.57
802.11ax HEW40_Nss1,(MCS0)_2TX	6.14	9.96
802.11ax HEW80_Nss1,(MCS0)_2TX	2.03	5.85
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	6.42	11.14
802.11ax HEW20_Nss1,(MCS0)_2TX	5.24	9.96
802.11ax HEW40_Nss1,(MCS0)_2TX	2.14	6.86
802.11ax HEW80_Nss1,(MCS0)_2TX	-2.07	2.65

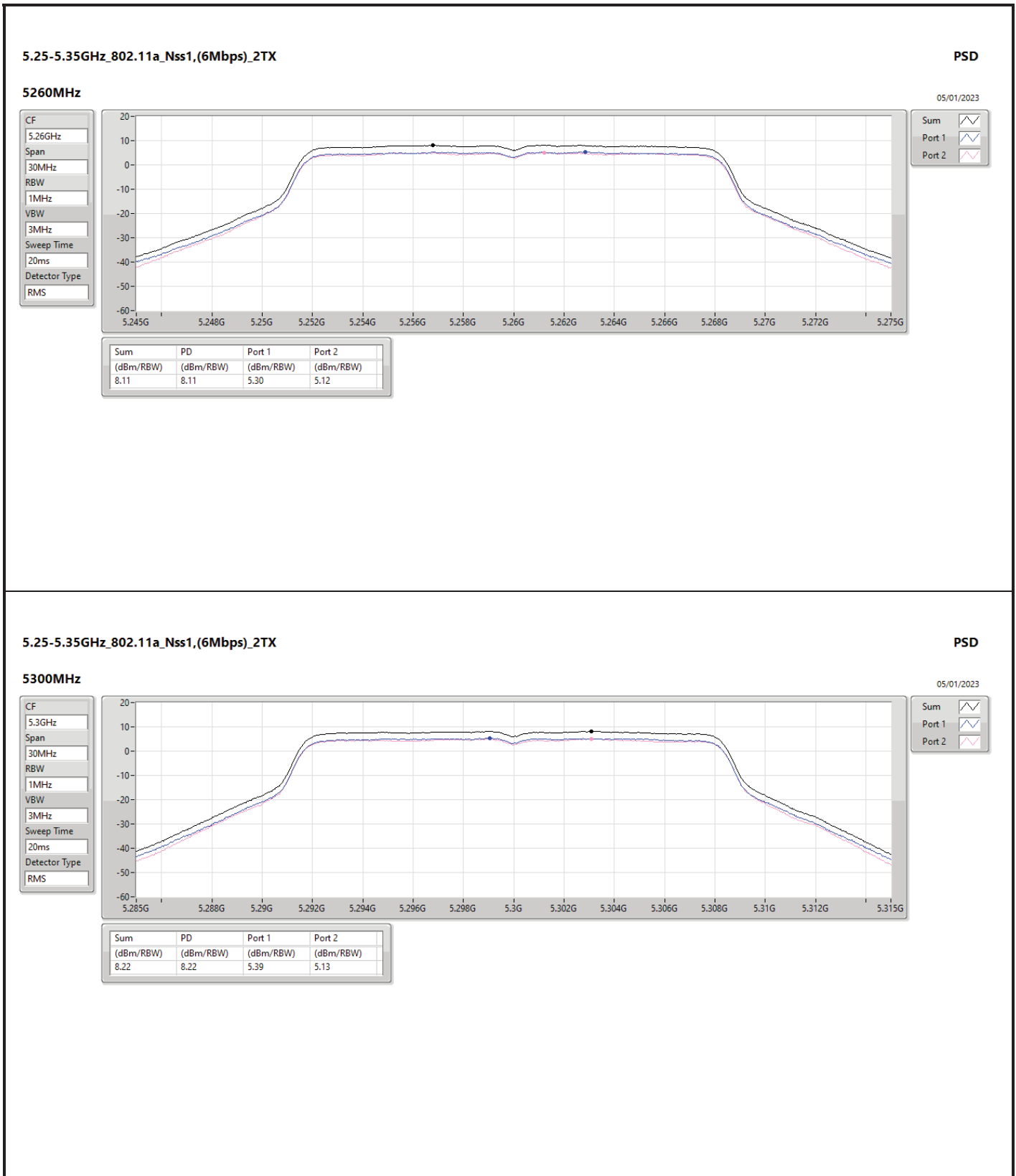
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

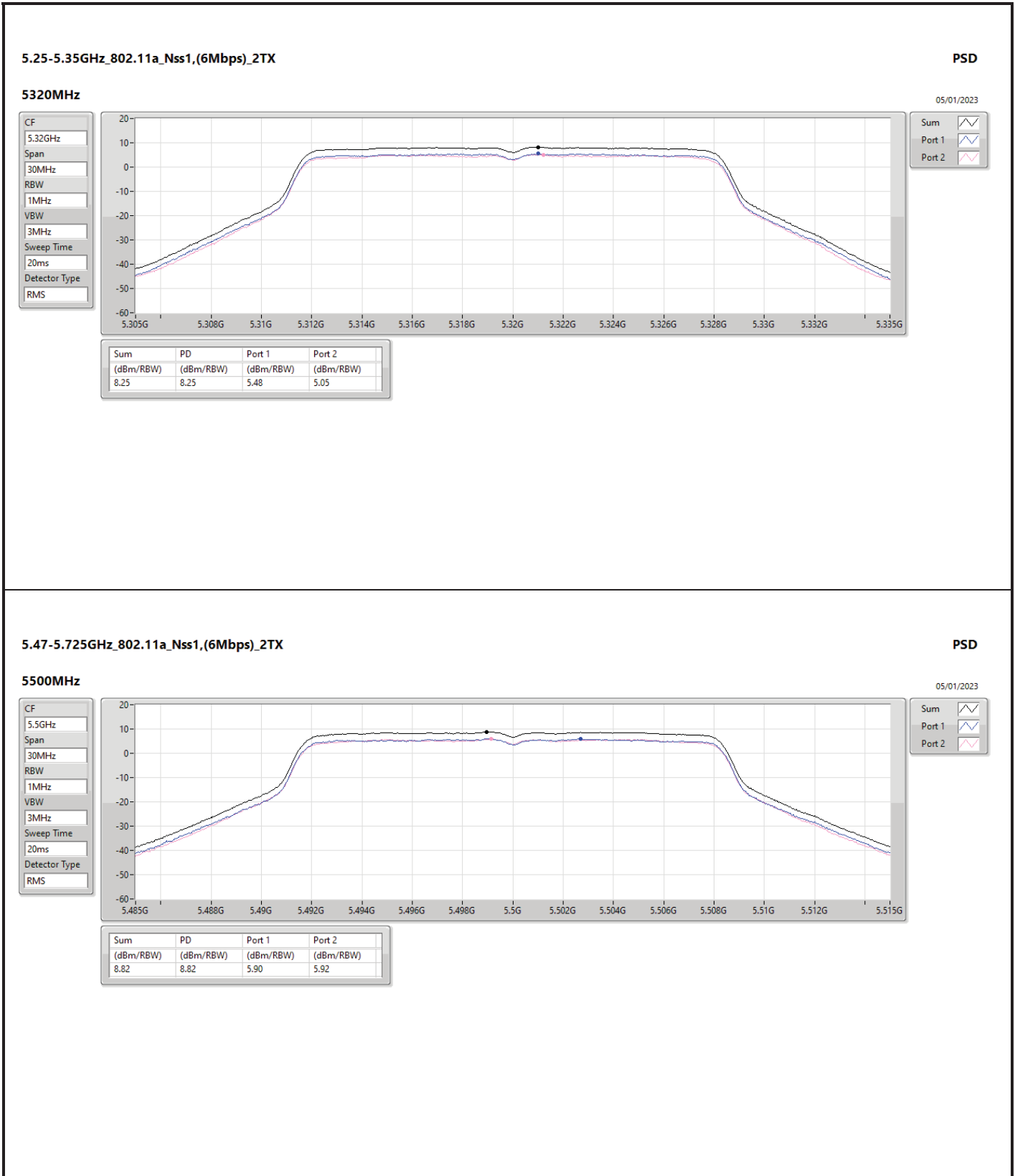


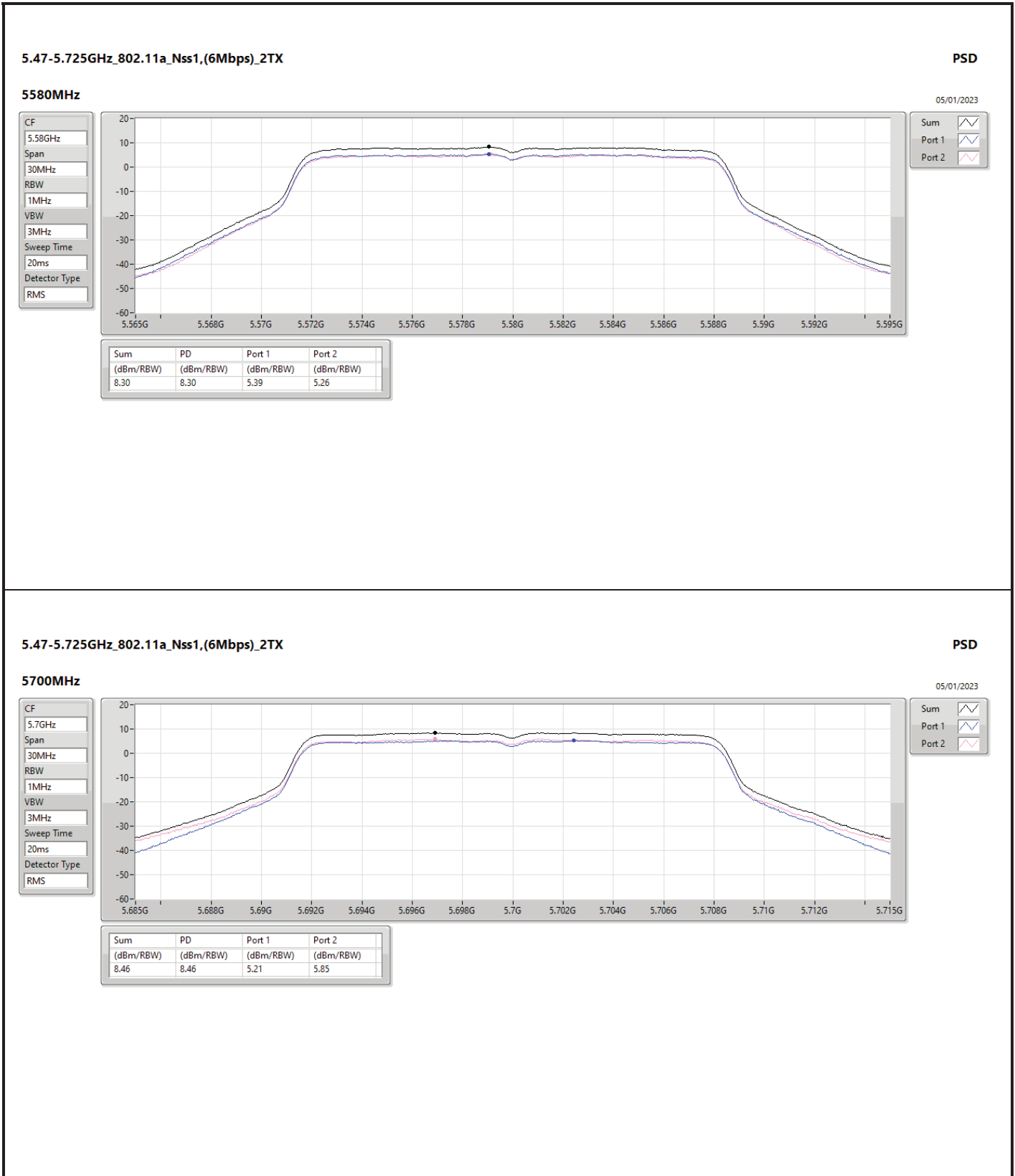
Result

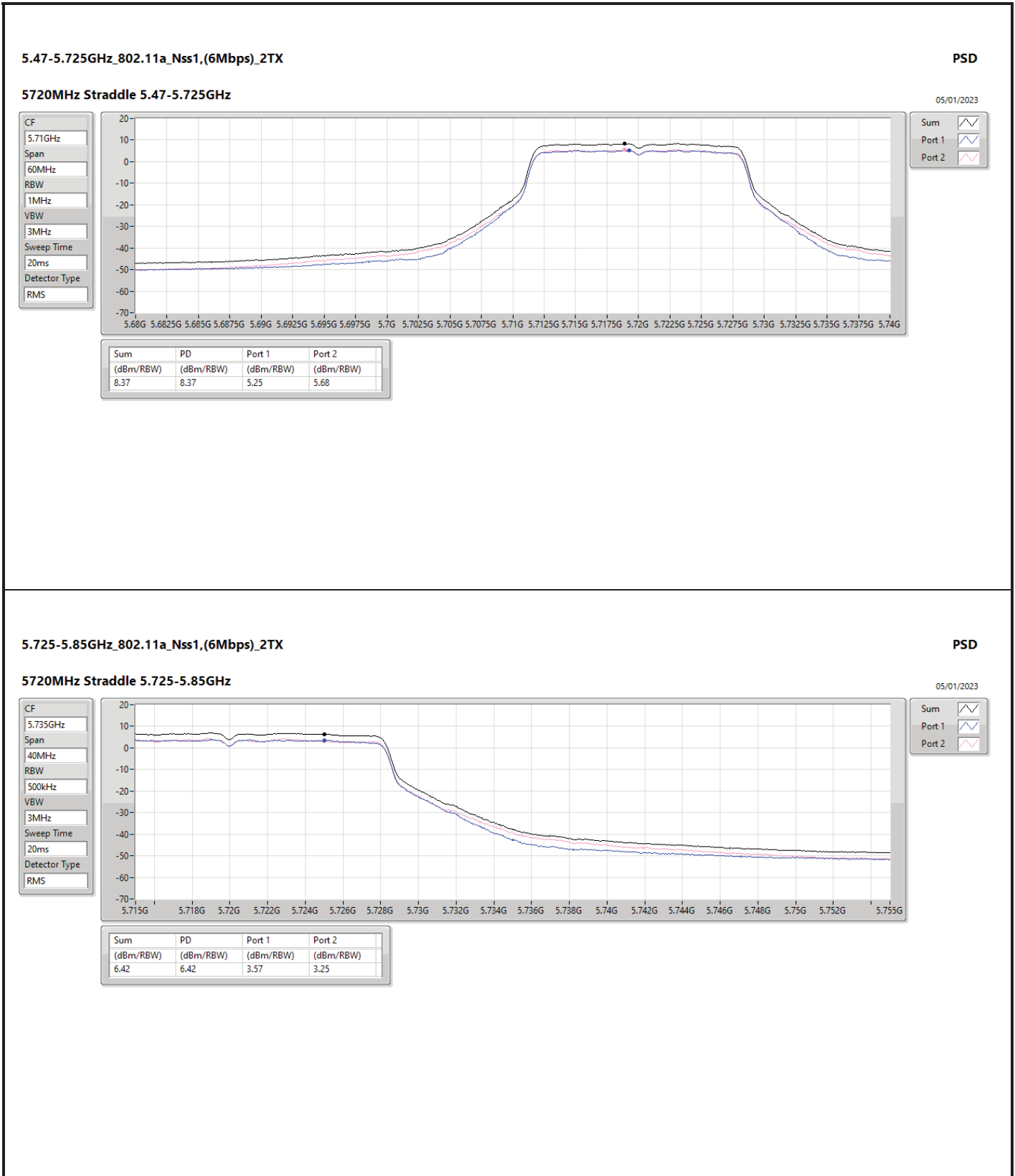
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.90	5.30	5.12	8.11	11.00	12.01	17.00
5300MHz	Pass	3.90	5.39	5.13	8.22	11.00	12.12	17.00
5320MHz	Pass	3.90	5.48	5.05	8.25	11.00	12.15	17.00
5500MHz	Pass	3.82	5.90	5.92	8.82	11.00	12.64	17.00
5580MHz	Pass	3.82	5.39	5.26	8.30	11.00	12.12	17.00
5700MHz	Pass	3.82	5.21	5.85	8.46	11.00	12.28	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.82	5.25	5.68	8.37	11.00	12.19	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.72	3.57	3.25	6.42	30.00	11.14	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.90	4.41	4.20	7.26	11.00	11.16	17.00
5300MHz	Pass	3.90	4.29	4.27	7.23	11.00	11.13	17.00
5320MHz	Pass	3.90	4.54	4.09	7.20	11.00	11.10	17.00
5500MHz	Pass	3.82	4.94	4.79	7.75	11.00	11.57	17.00
5580MHz	Pass	3.82	4.77	4.53	7.17	11.00	10.99	17.00
5700MHz	Pass	3.82	4.23	4.92	7.55	11.00	11.37	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.82	4.34	4.65	7.36	11.00	11.18	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.72	1.94	2.58	5.24	30.00	9.96	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.90	2.13	2.01	5.04	11.00	8.94	17.00
5310MHz	Pass	3.90	2.07	1.83	4.94	11.00	8.84	17.00
5510MHz	Pass	3.82	3.48	3.10	6.14	11.00	9.96	17.00
5550MHz	Pass	3.82	2.34	2.71	5.43	11.00	9.25	17.00
5670MHz	Pass	3.82	1.71	2.49	5.07	11.00	8.89	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.82	1.92	2.82	5.38	11.00	9.20	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.72	-1.27	-0.39	2.14	30.00	6.86	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.90	-1.90	-2.00	1.03	11.00	4.93	17.00
5530MHz	Pass	3.82	-1.13	-0.86	1.87	11.00	5.69	17.00
5610MHz	Pass	3.82	-1.58	-1.27	1.50	11.00	5.32	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.82	-1.27	-0.61	2.03	11.00	5.85	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.72	-5.11	-4.99	-2.07	30.00	2.65	36.00

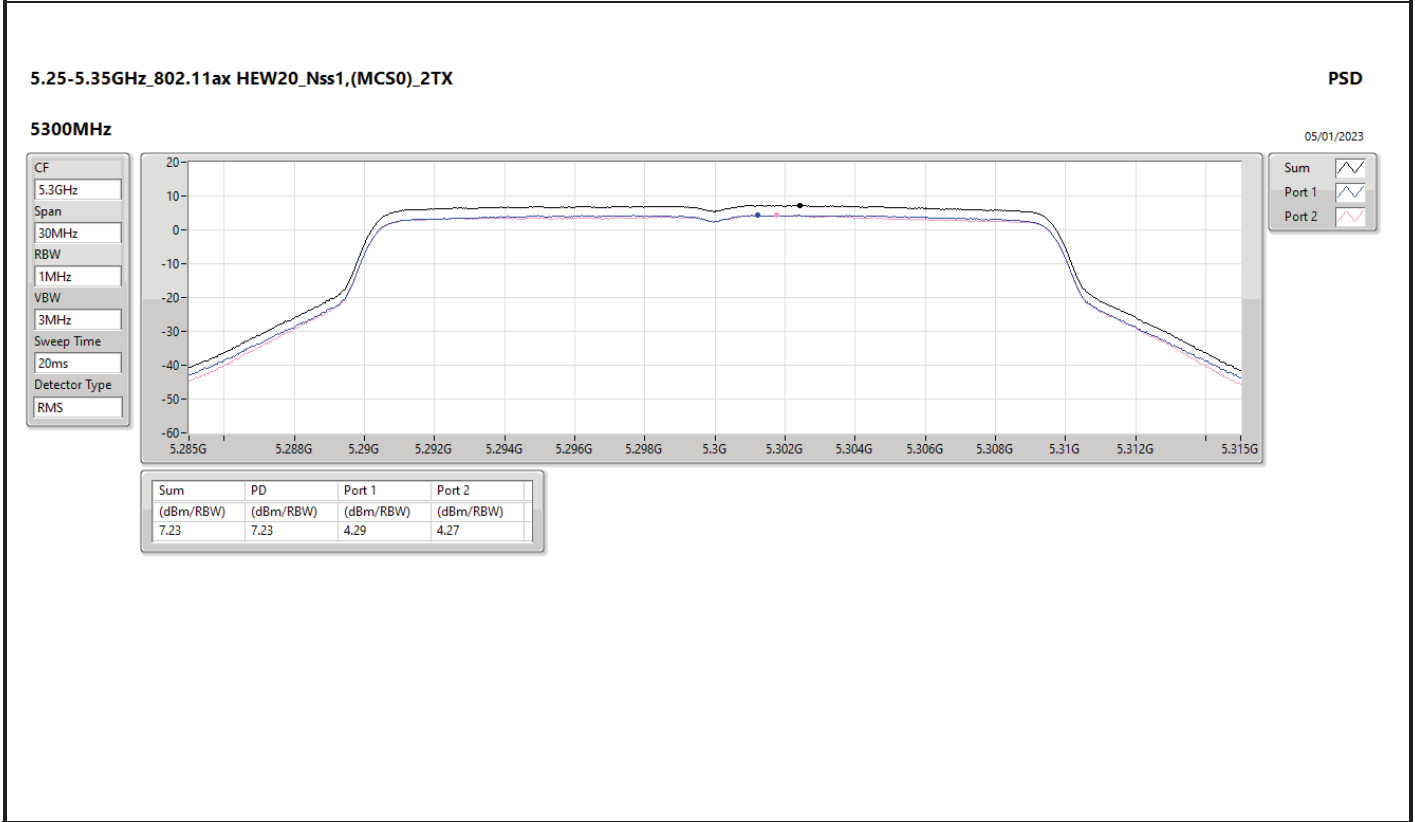
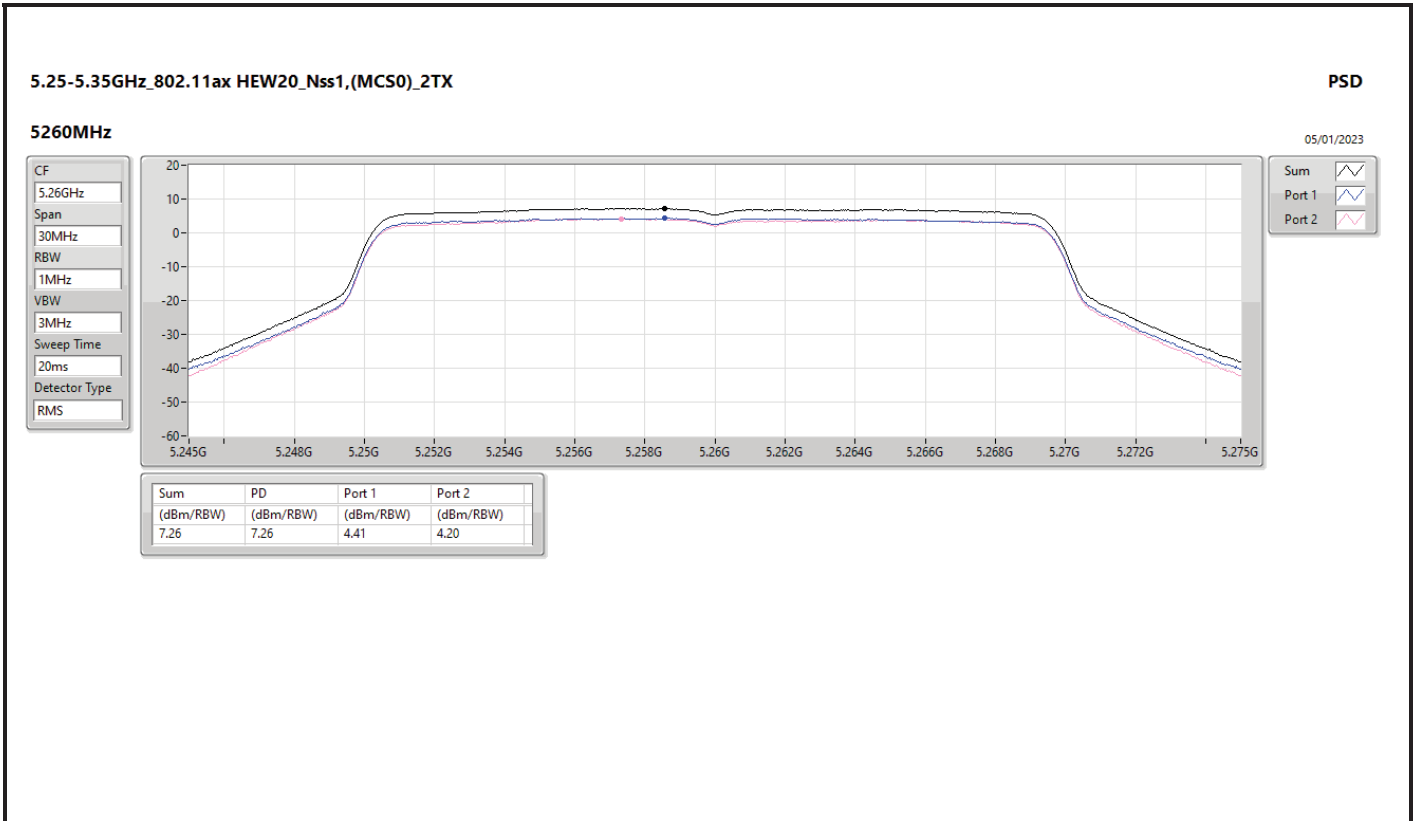
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

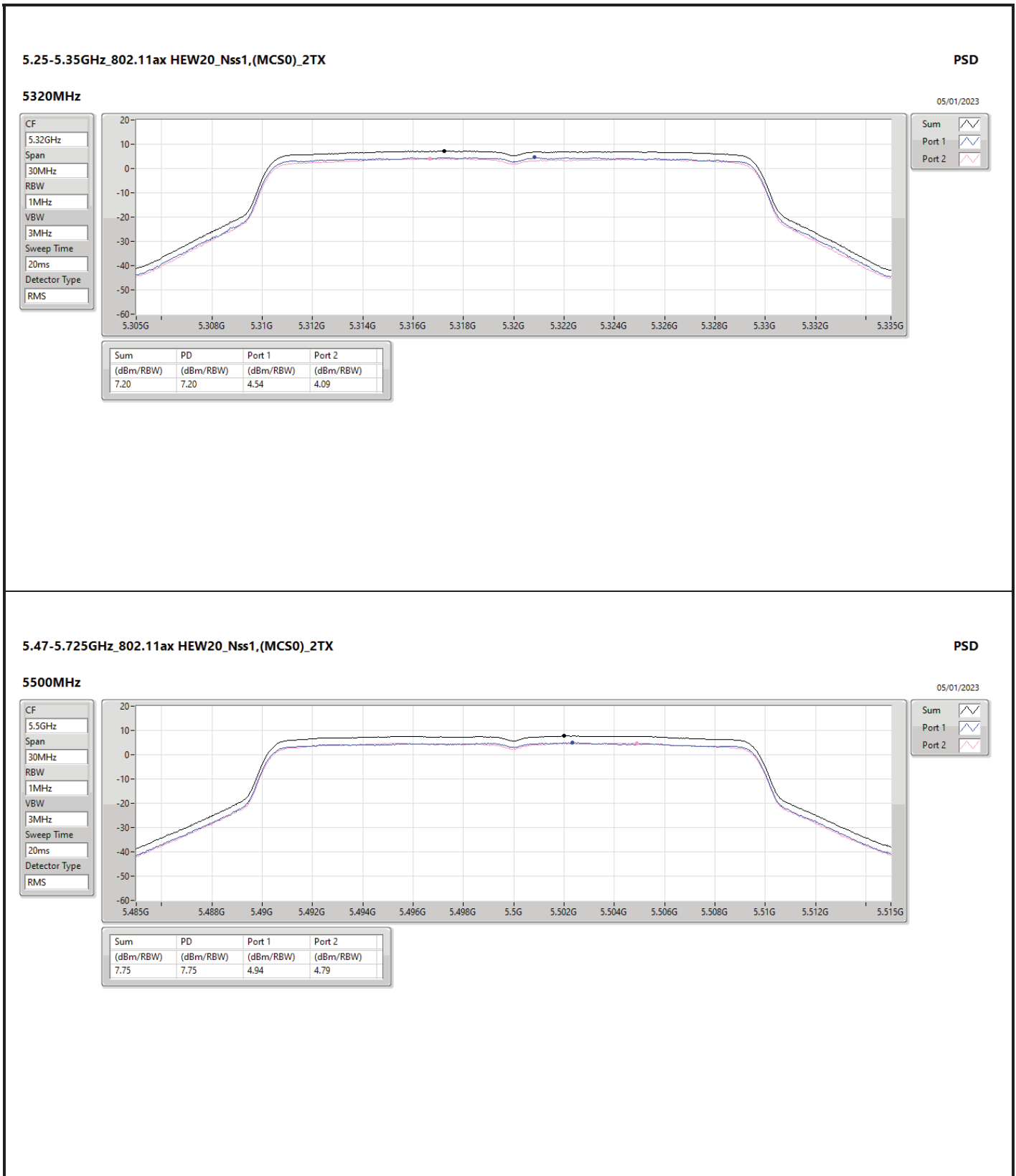


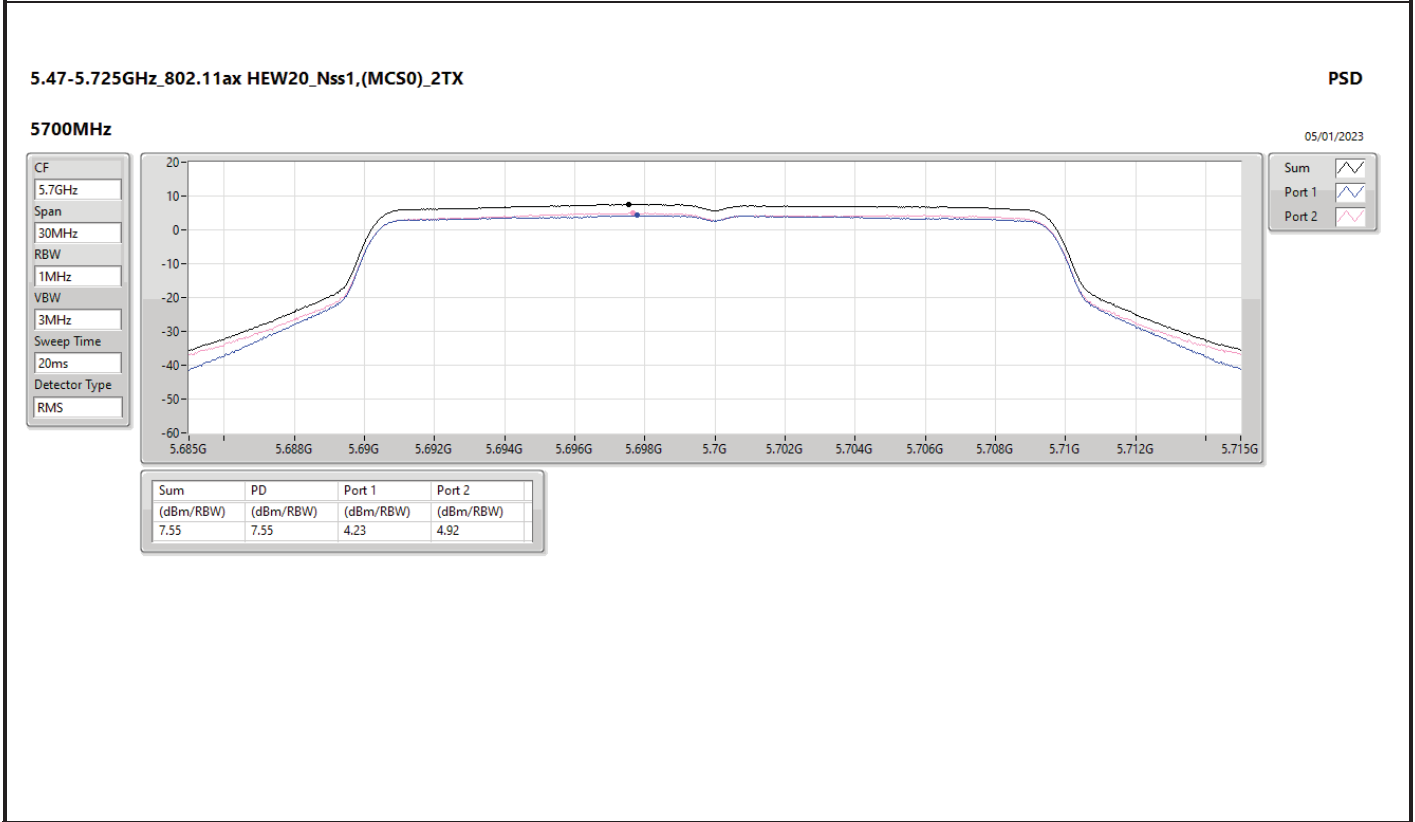
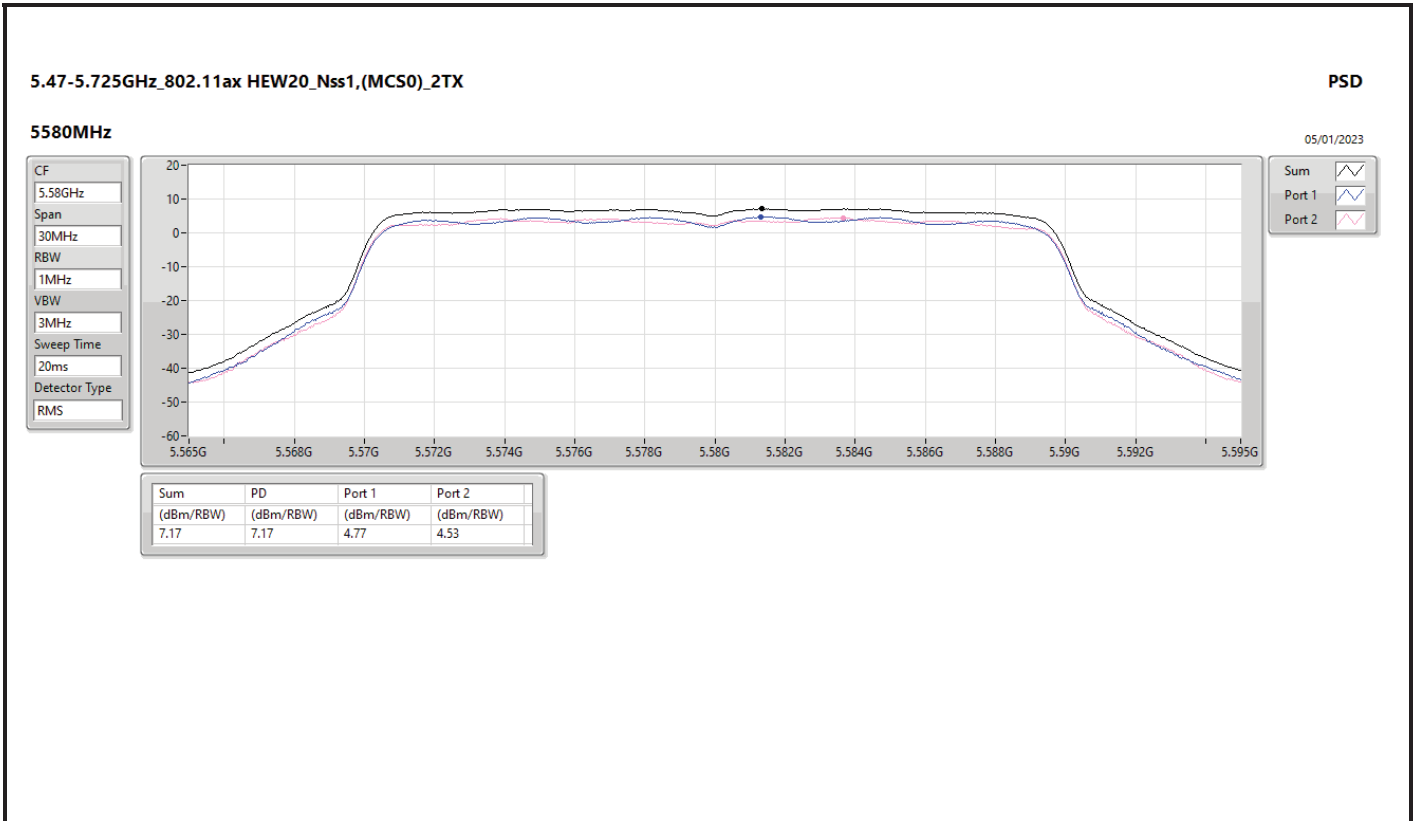


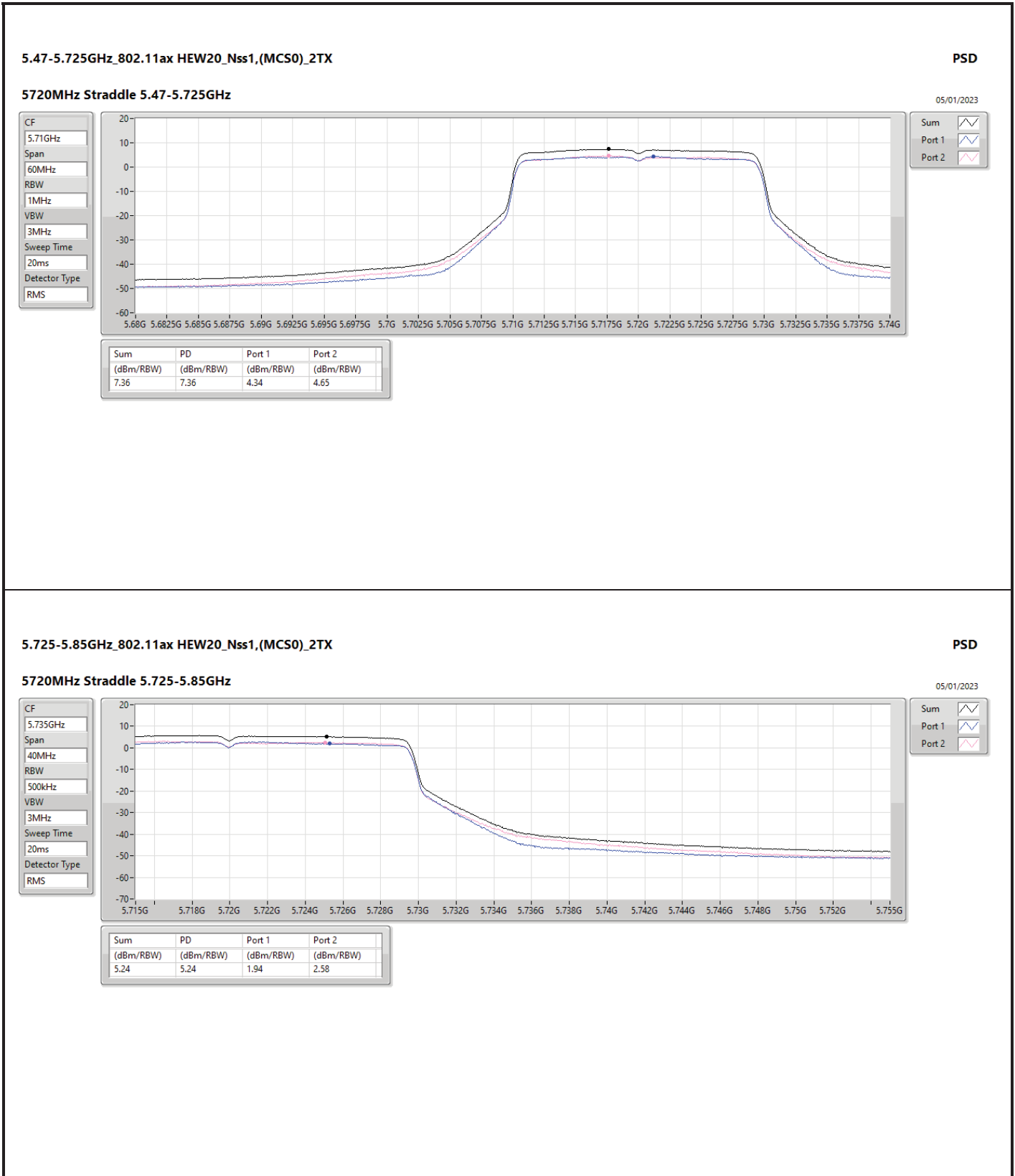


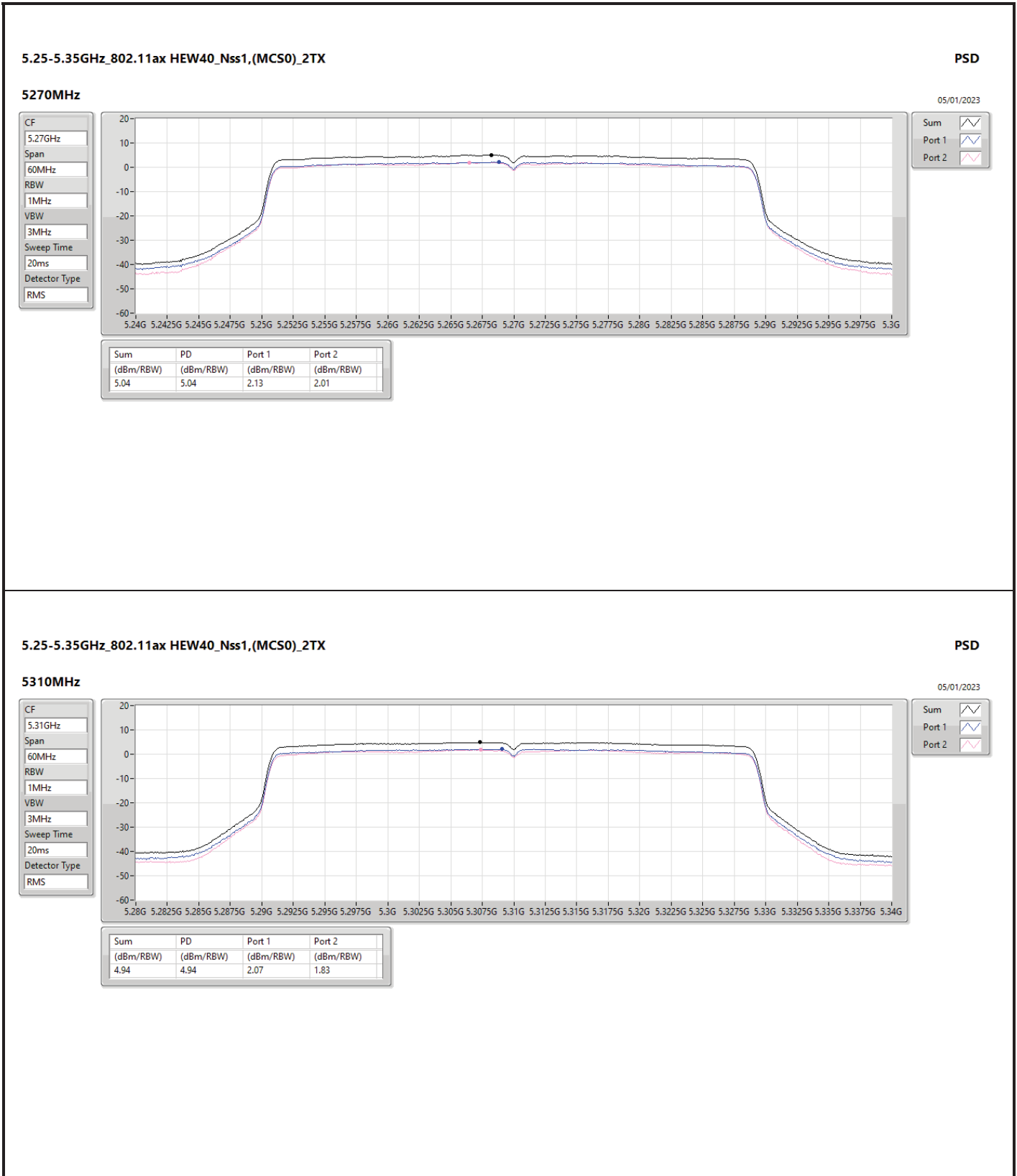




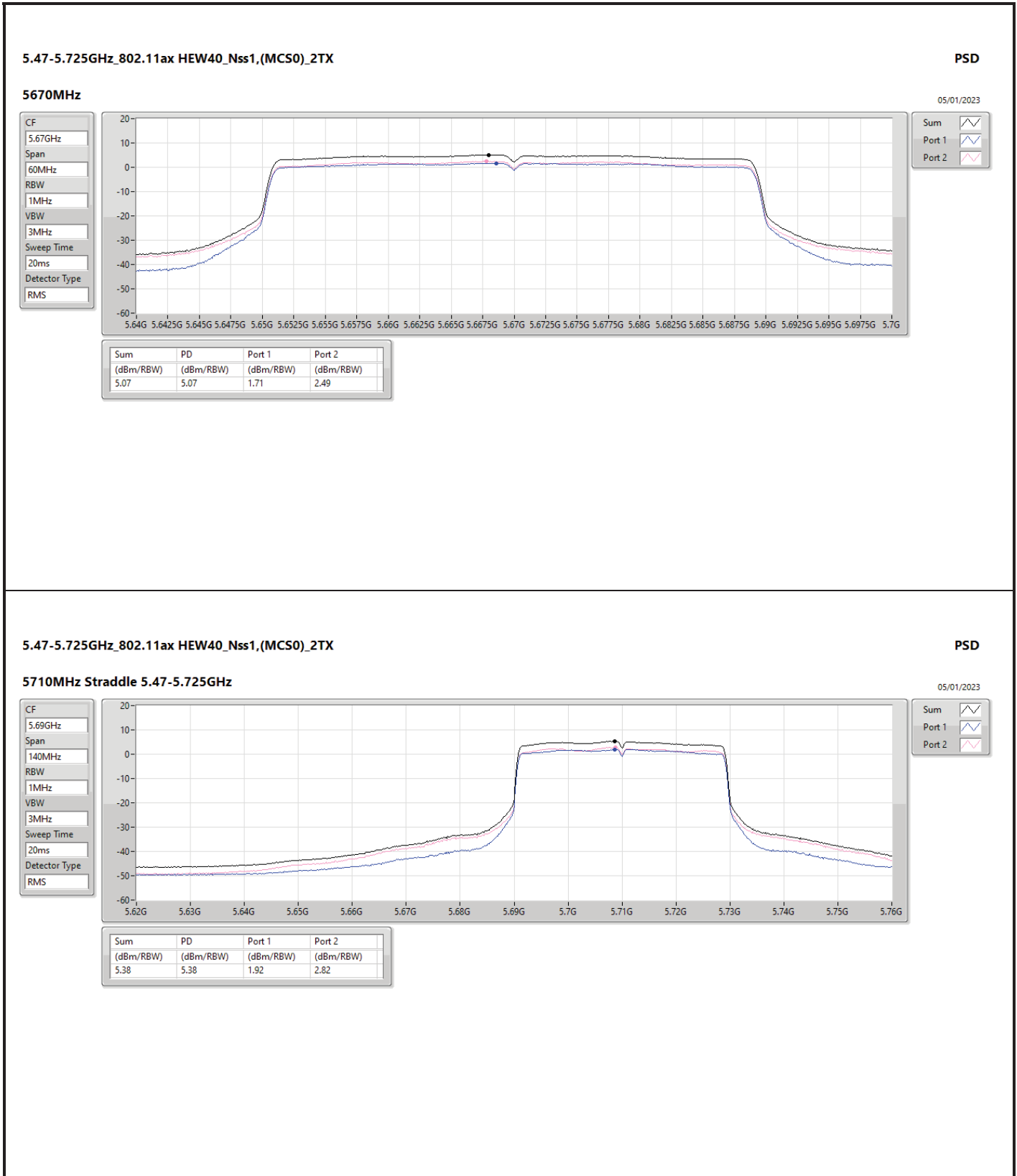


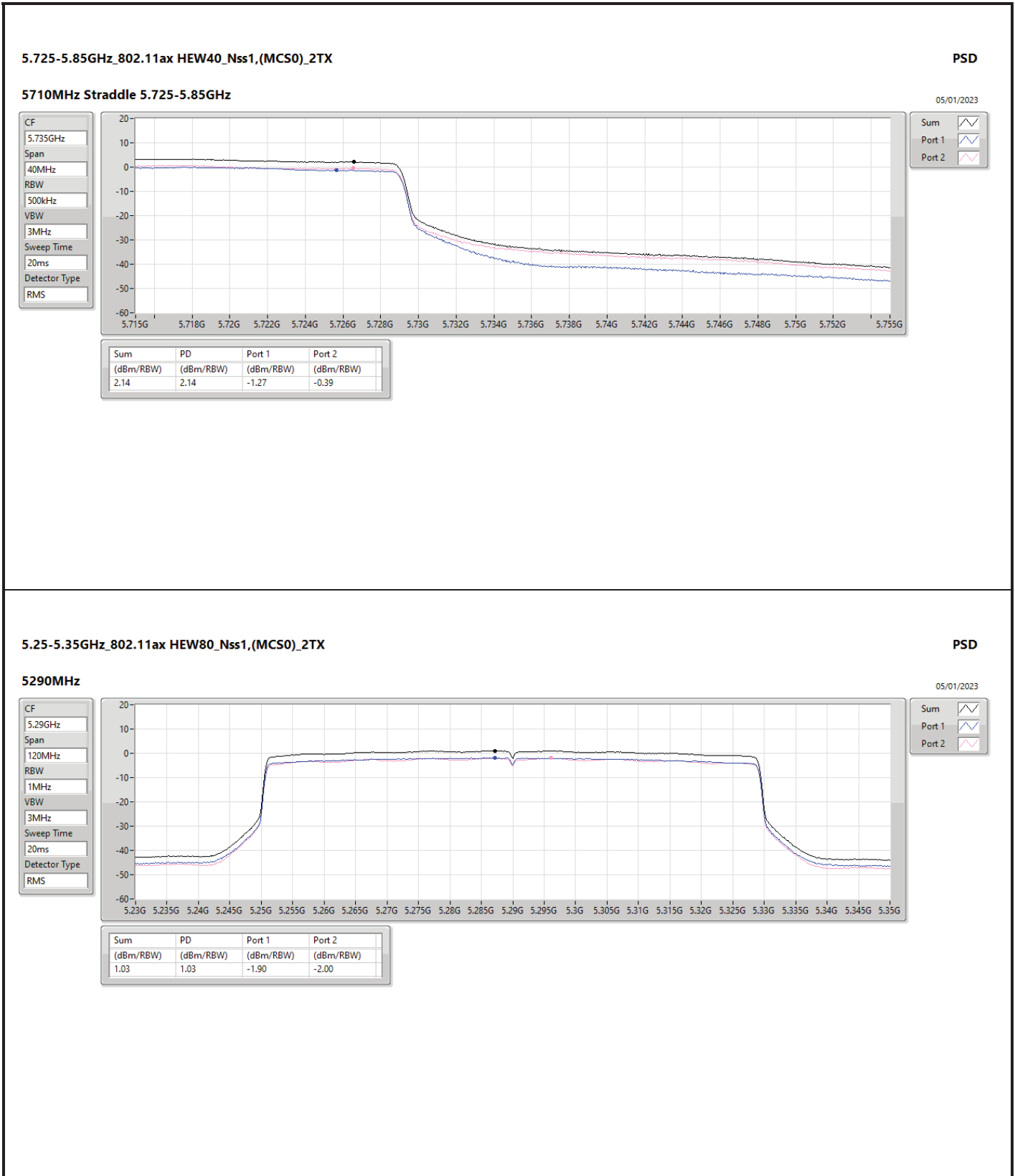


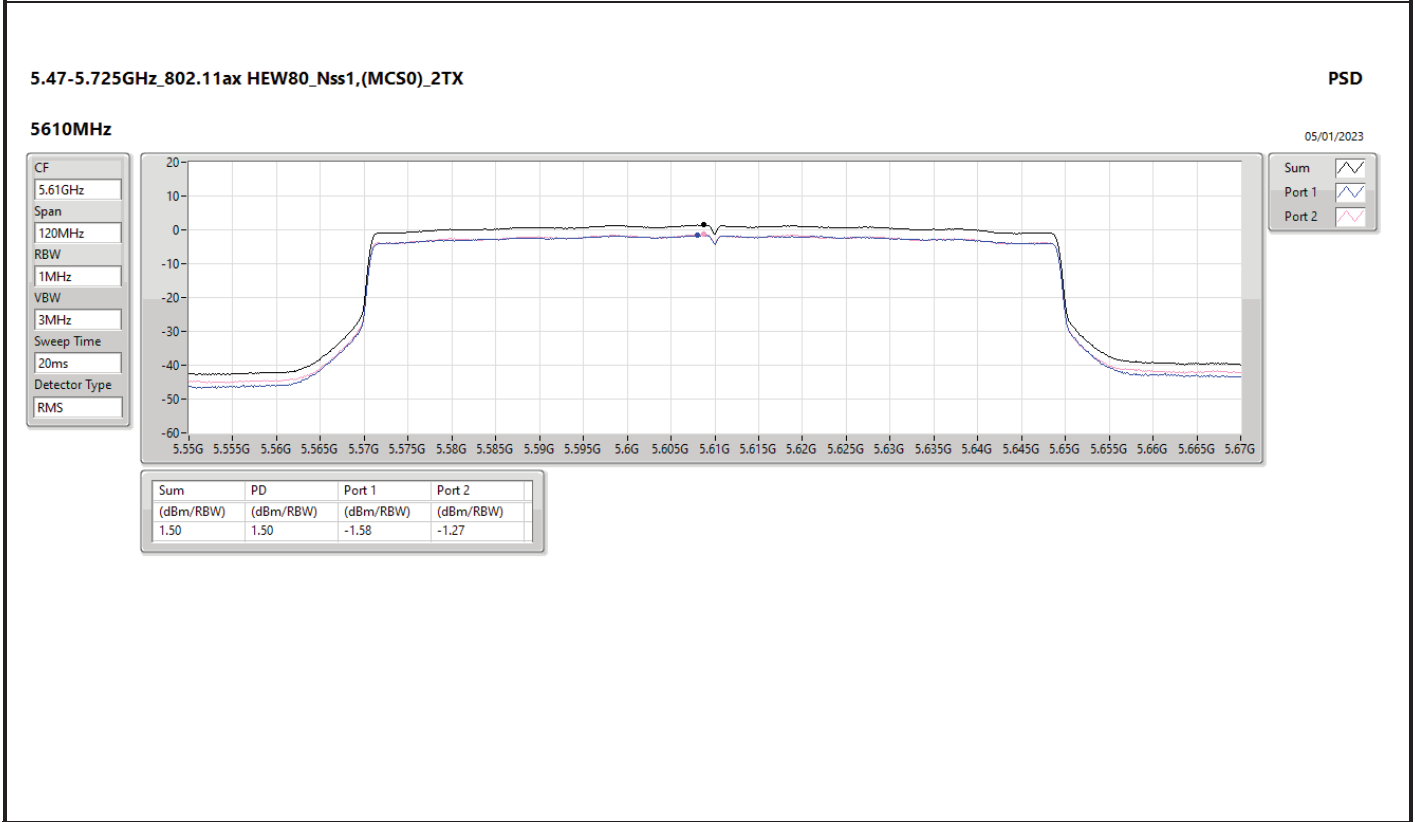
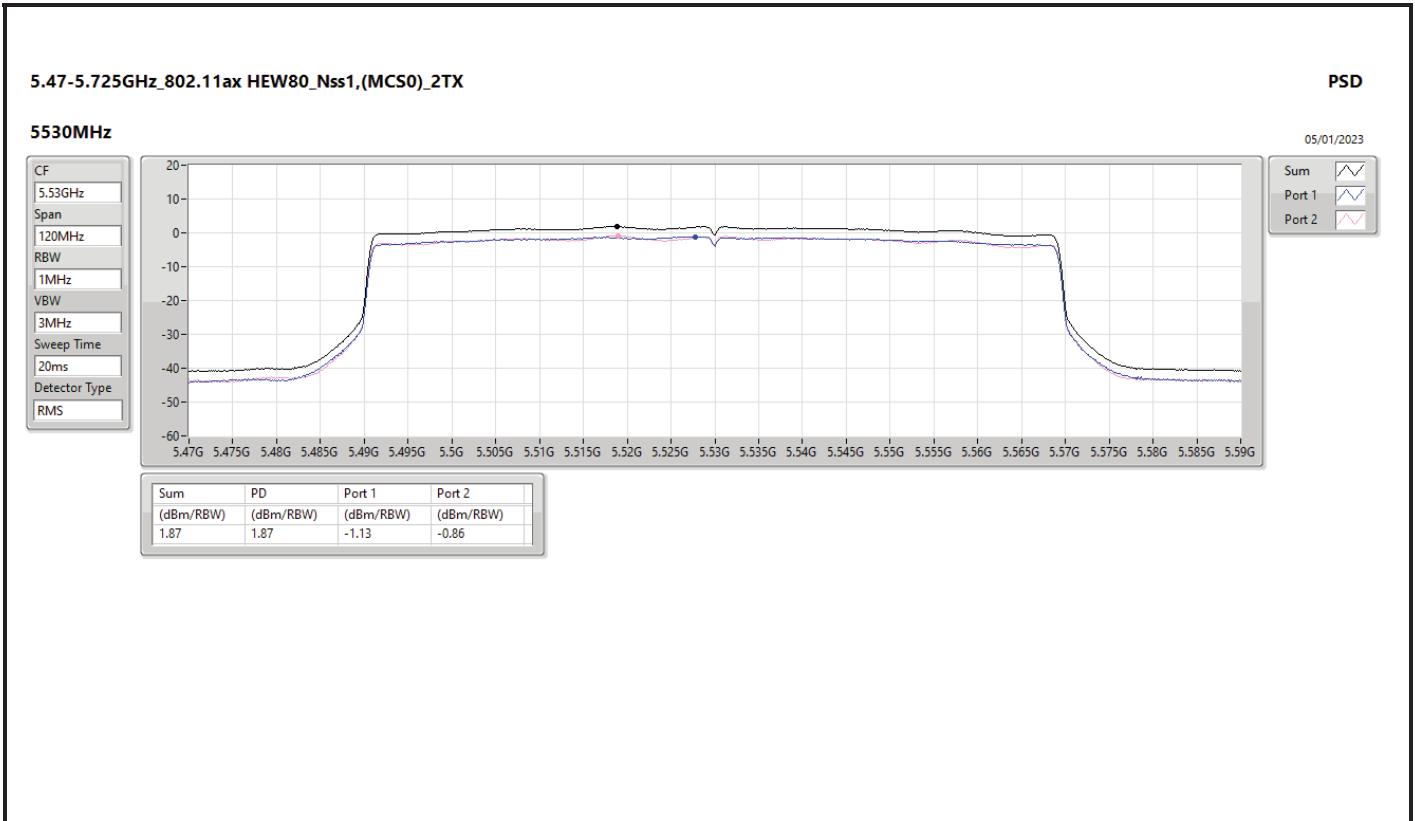


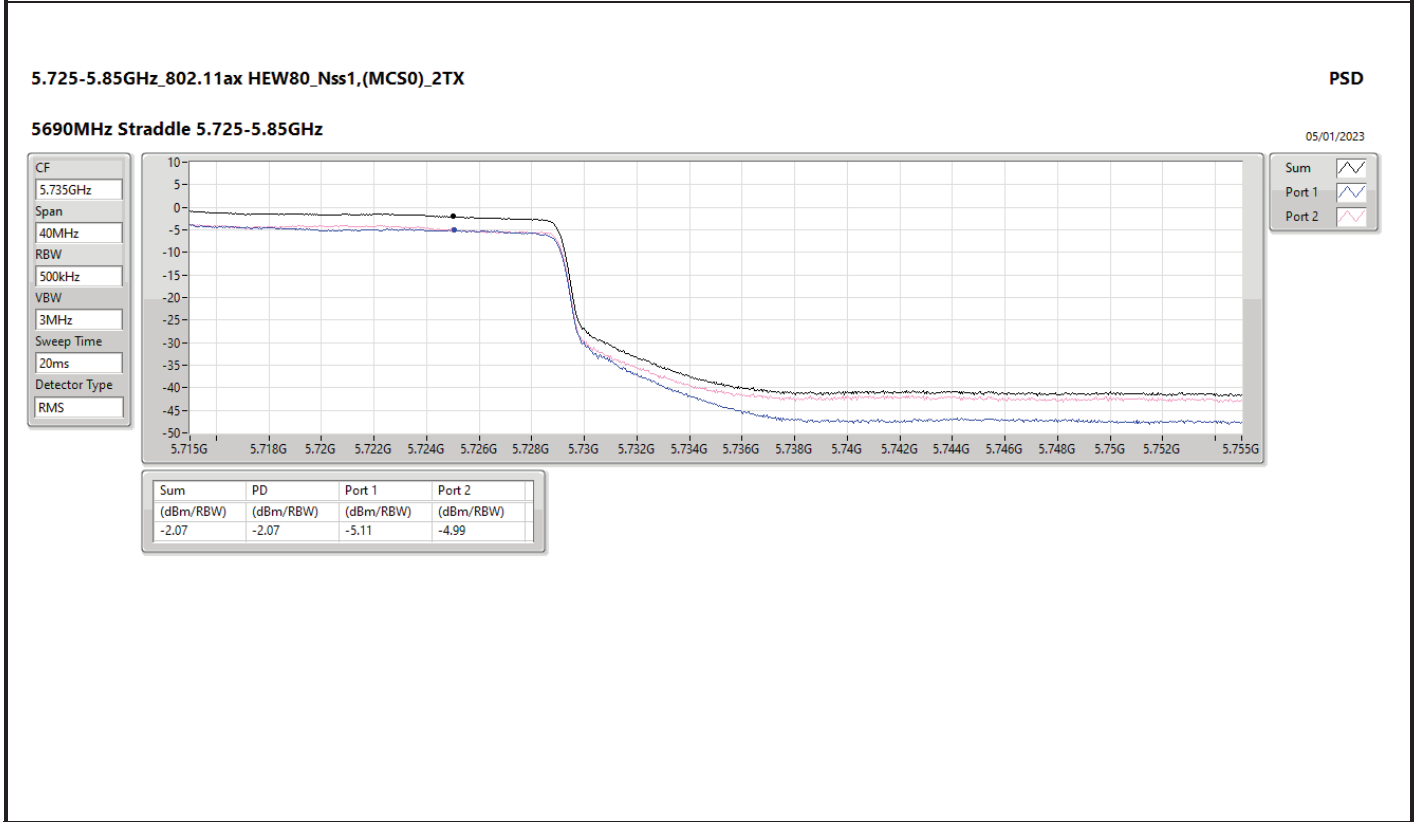
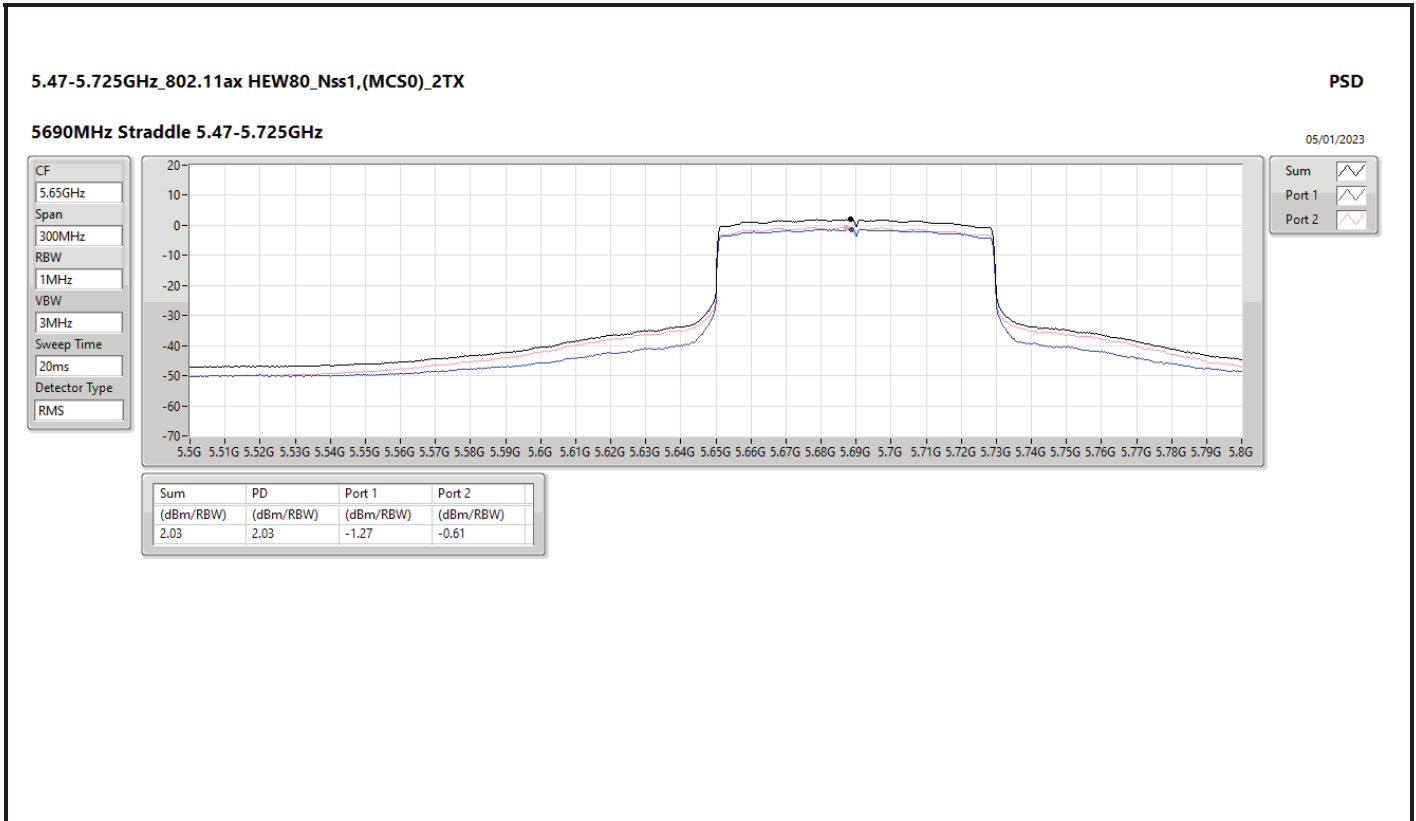














Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	-4.65	4.76
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.36	16.77
802.11ax HEW20_Nss1,(MCS0)_2TX	7.47	16.88
802.11ax HEW40_Nss1,(MCS0)_2TX	4.20	13.61
802.11ax HEW80_Nss1,(MCS0)_2TX	-1.36	8.05
802.11ax HEW160_Nss1,(MCS0)_2TX	-4.52	4.89
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.54	16.95
802.11ax HEW20_Nss1,(MCS0)_2TX	7.42	16.83
802.11ax HEW40_Nss1,(MCS0)_2TX	4.17	13.58
802.11ax HEW80_Nss1,(MCS0)_2TX	1.51	10.92
802.11ax HEW160_Nss1,(MCS0)_2TX	-3.19	6.22
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	5.23	14.64
802.11ax HEW20_Nss1,(MCS0)_2TX	5.45	14.86
802.11ax HEW40_Nss1,(MCS0)_2TX	1.45	10.86
802.11ax HEW80_Nss1,(MCS0)_2TX	-2.16	7.25

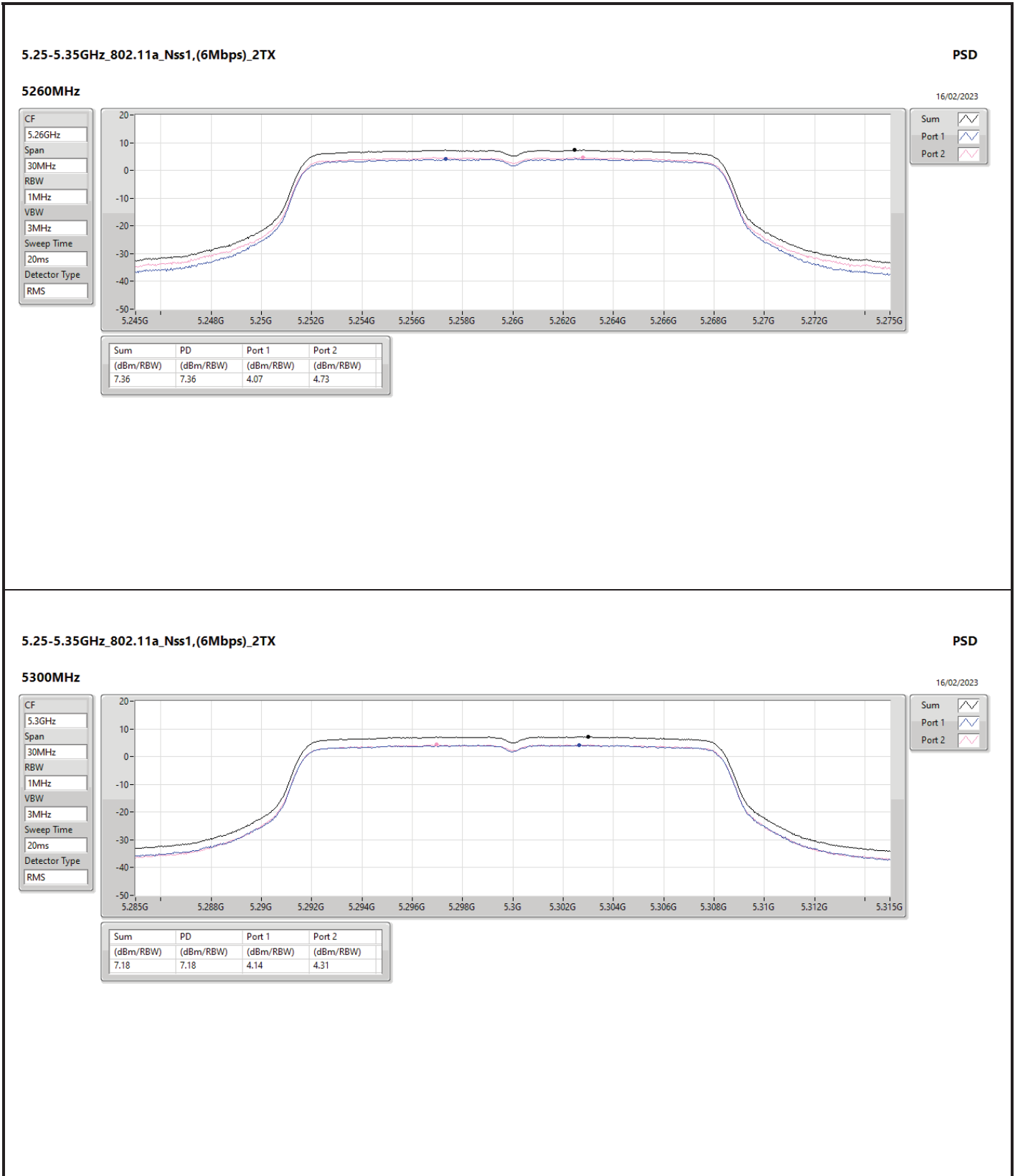
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

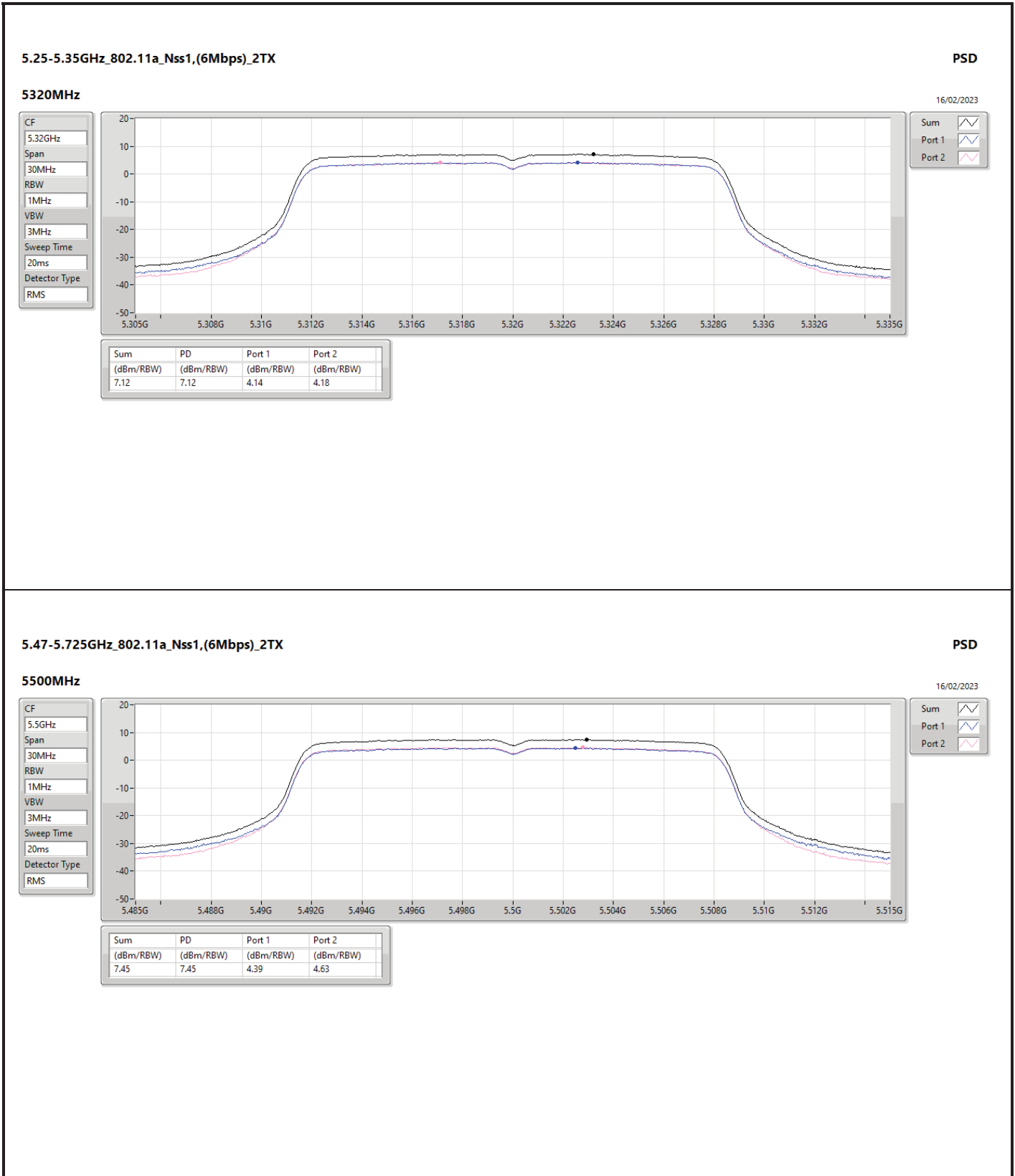


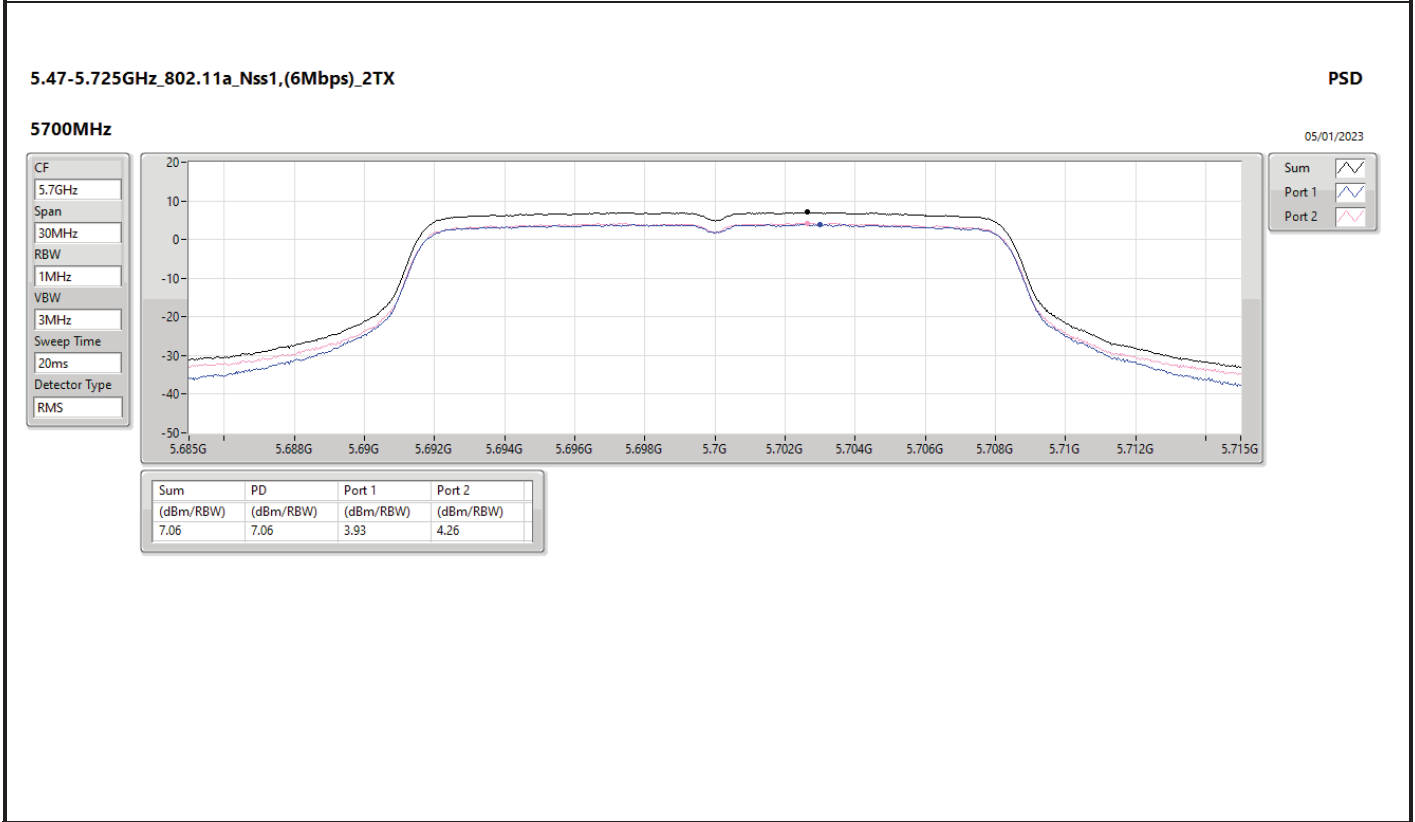
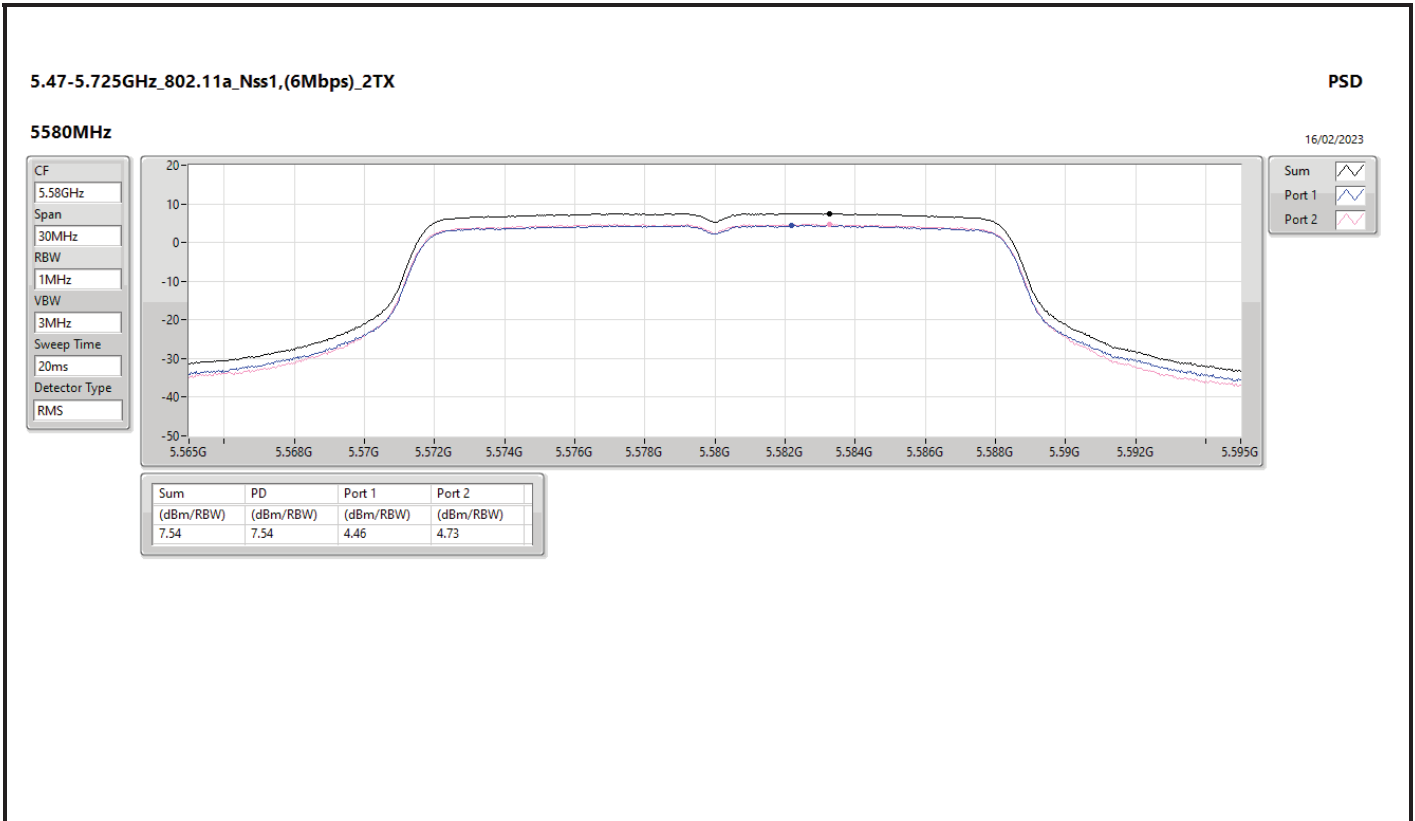
Result

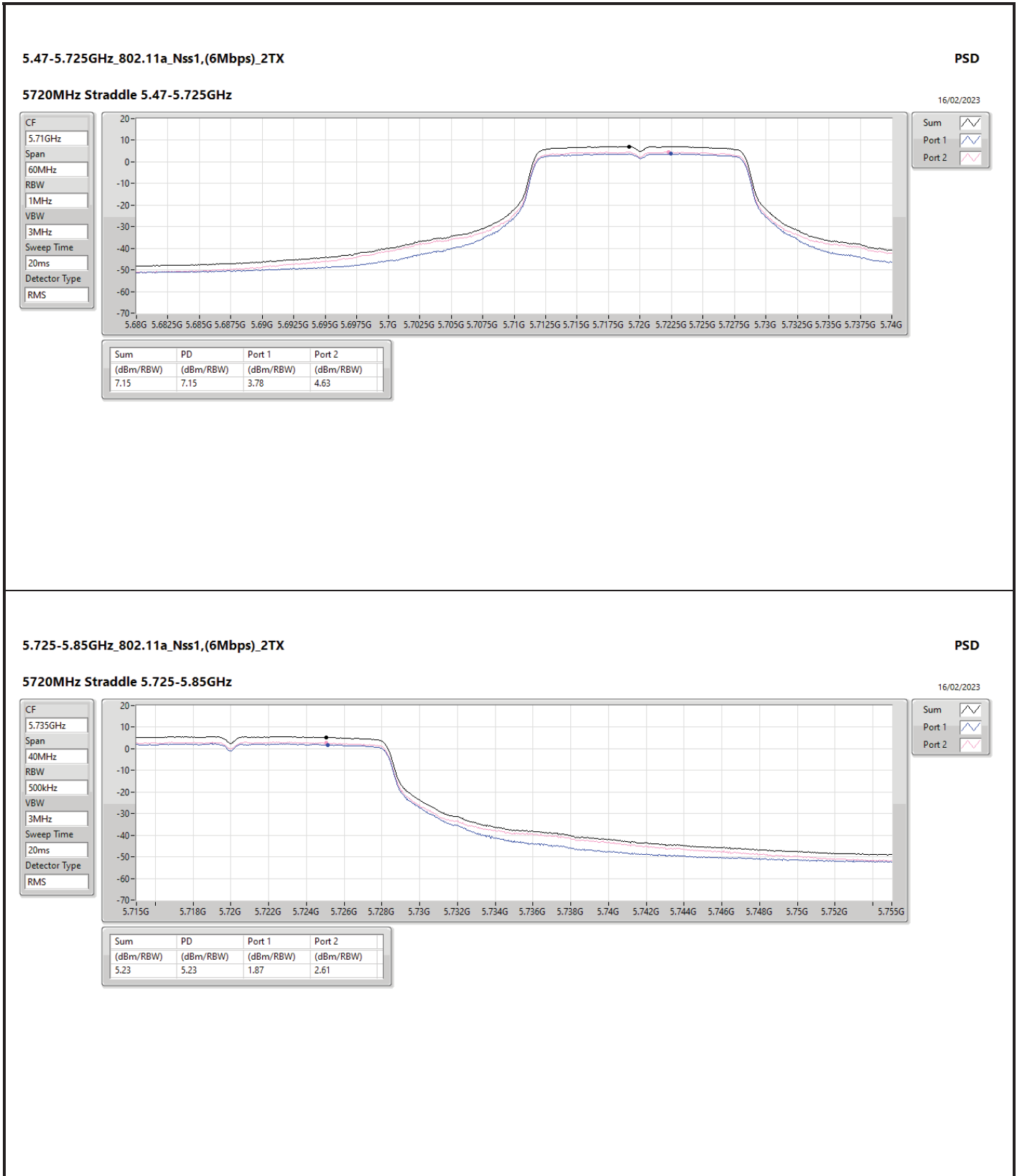
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.41	4.07	4.73	7.36	7.59	16.77	17.00
5300MHz	Pass	9.41	4.14	4.31	7.18	7.59	16.59	17.00
5320MHz	Pass	9.41	4.14	4.18	7.12	7.59	16.53	17.00
5500MHz	Pass	9.41	4.39	4.63	7.45	7.59	16.86	17.00
5580MHz	Pass	9.41	4.46	4.73	7.54	7.59	16.95	17.00
5700MHz	Pass	9.41	3.93	4.26	7.06	7.59	16.47	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.41	3.78	4.63	7.15	7.59	16.56	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.41	1.87	2.61	5.23	26.59	14.64	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.41	4.18	4.75	7.43	7.59	16.84	17.00
5300MHz	Pass	9.41	4.45	4.58	7.47	7.59	16.88	17.00
5320MHz	Pass	9.41	4.23	3.93	7.02	7.59	16.43	17.00
5500MHz	Pass	9.41	3.63	3.63	6.57	7.59	15.98	17.00
5580MHz	Pass	9.41	4.04	4.47	7.19	7.59	16.60	17.00
5700MHz	Pass	9.41	2.96	3.10	5.88	7.59	15.29	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.41	4.06	4.80	7.42	7.59	16.83	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.41	1.96	2.88	5.45	26.59	14.86	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	9.41	1.19	1.32	4.20	7.59	13.61	17.00
5310MHz	Pass	9.41	-1.11	-1.09	1.85	7.59	11.26	17.00
5510MHz	Pass	9.41	-0.95	-1.04	1.98	7.59	11.39	17.00
5550MHz	Pass	9.41	1.03	1.15	4.08	7.59	13.49	17.00
5670MHz	Pass	9.41	0.32	0.90	3.60	7.59	13.01	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.41	0.90	1.50	4.17	7.59	13.58	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.41	-1.83	-1.25	1.45	26.59	10.86	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.41	-4.37	-4.27	-1.36	7.59	8.05	17.00
5530MHz	Pass	9.41	-4.24	-4.14	-1.19	7.59	8.22	17.00
5610MHz	Pass	9.41	-1.76	-1.38	1.38	7.59	10.79	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.41	-1.44	-1.50	1.51	7.59	10.92	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.41	-5.34	-4.87	-2.16	26.59	7.25	36.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.41	-7.89	-7.25	-4.65	13.59	4.76	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	9.41	-7.84	-7.13	-4.52	7.59	4.89	17.00
5570MHz	Pass	9.41	-6.33	-5.91	-3.19	7.59	6.22	17.00

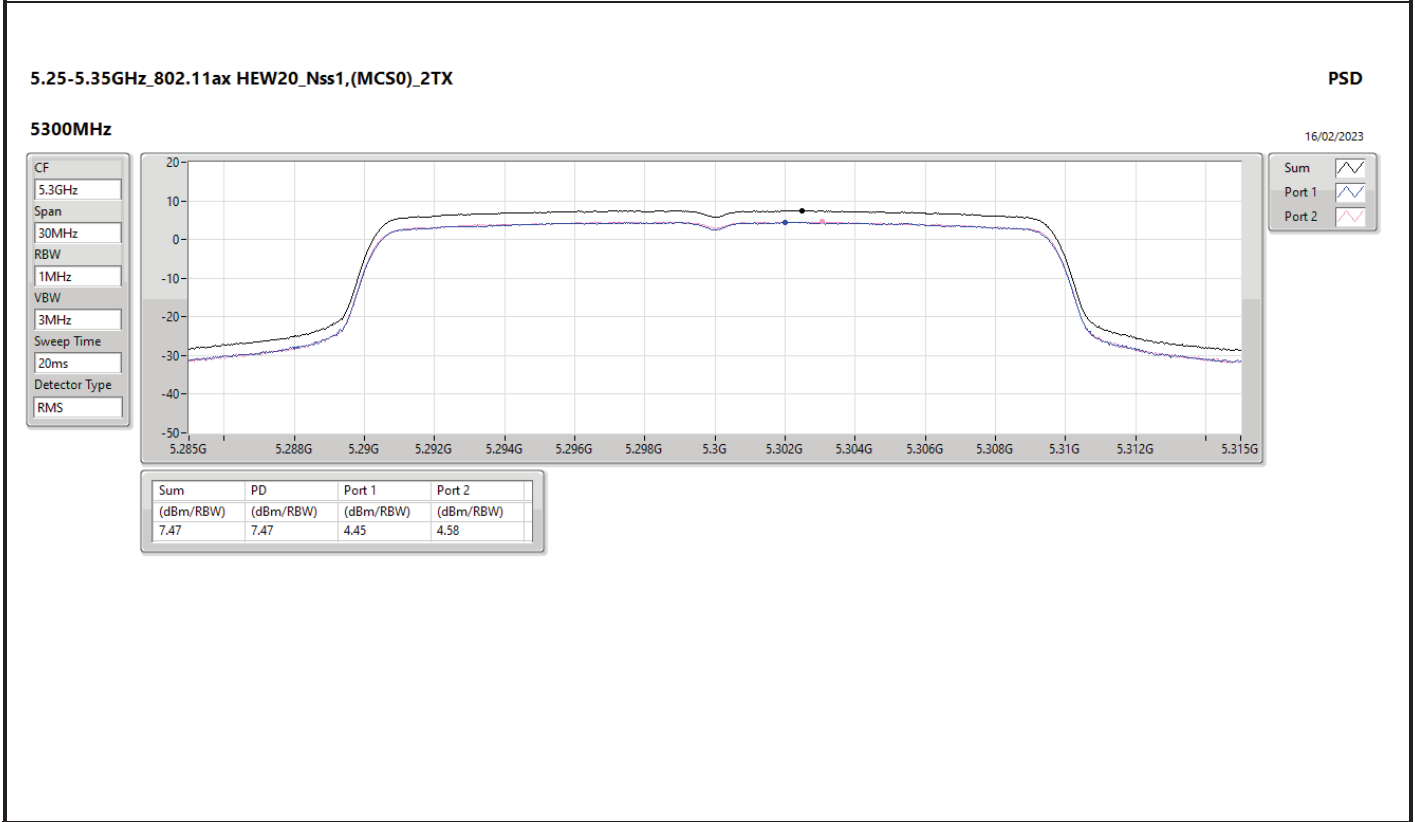
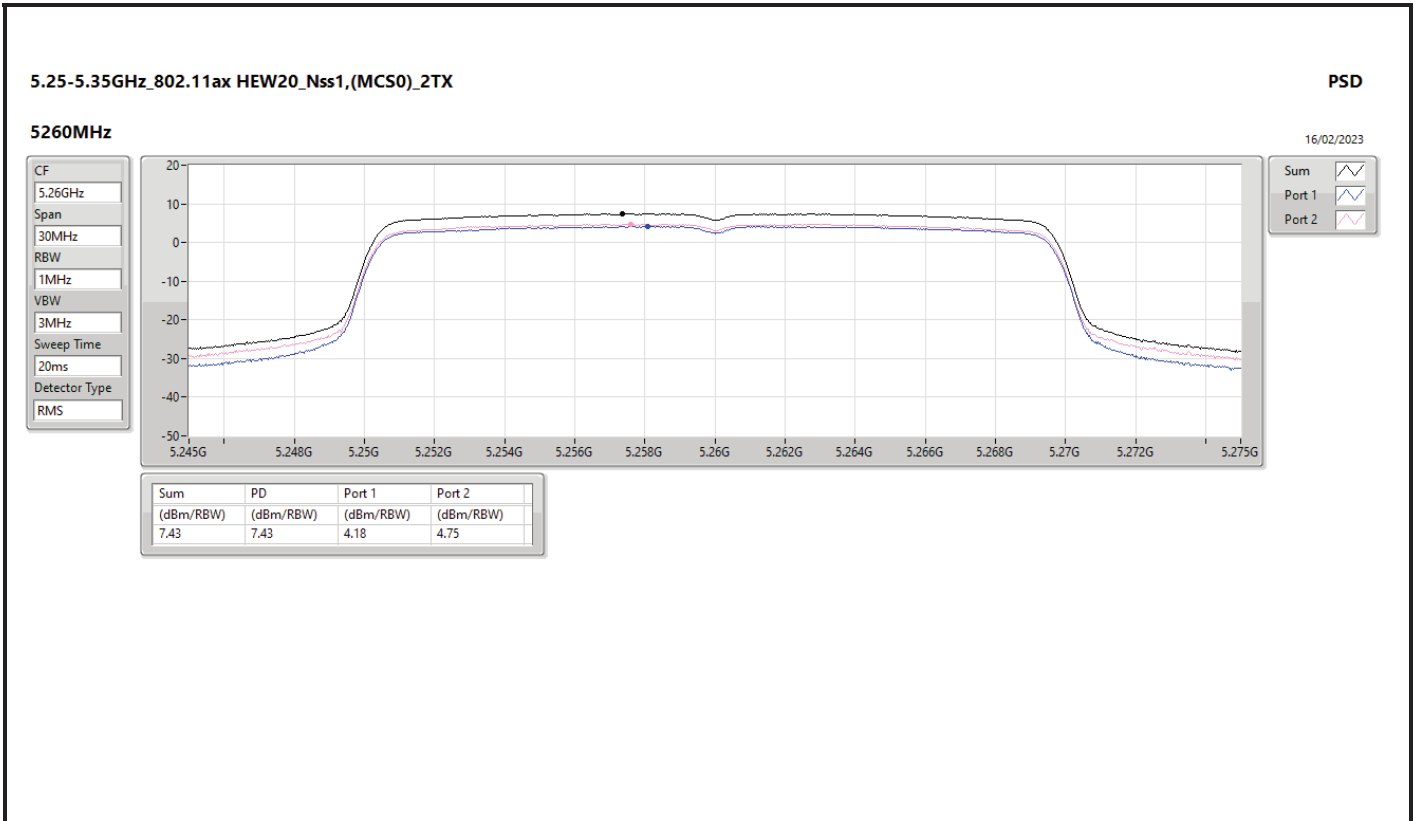
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;



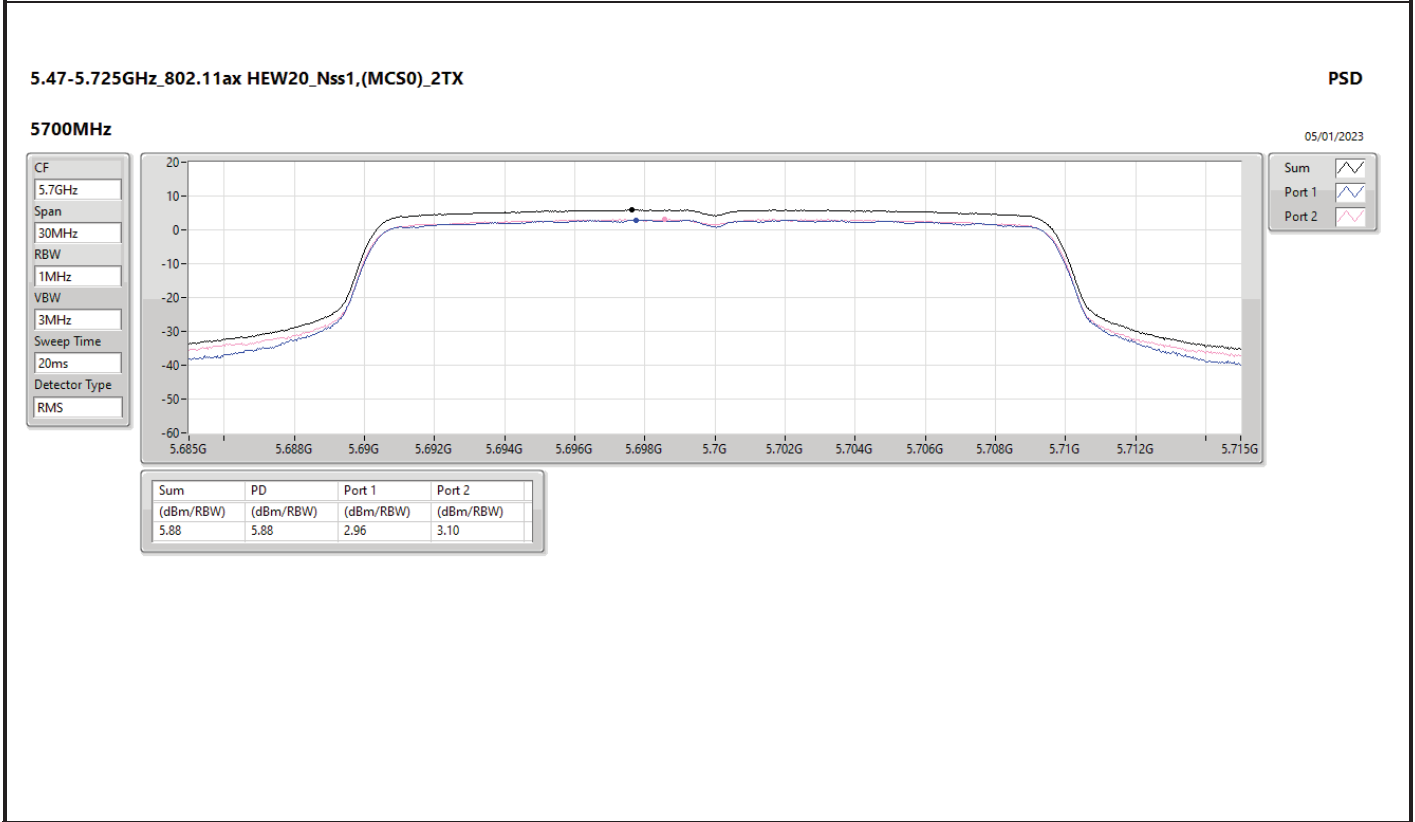
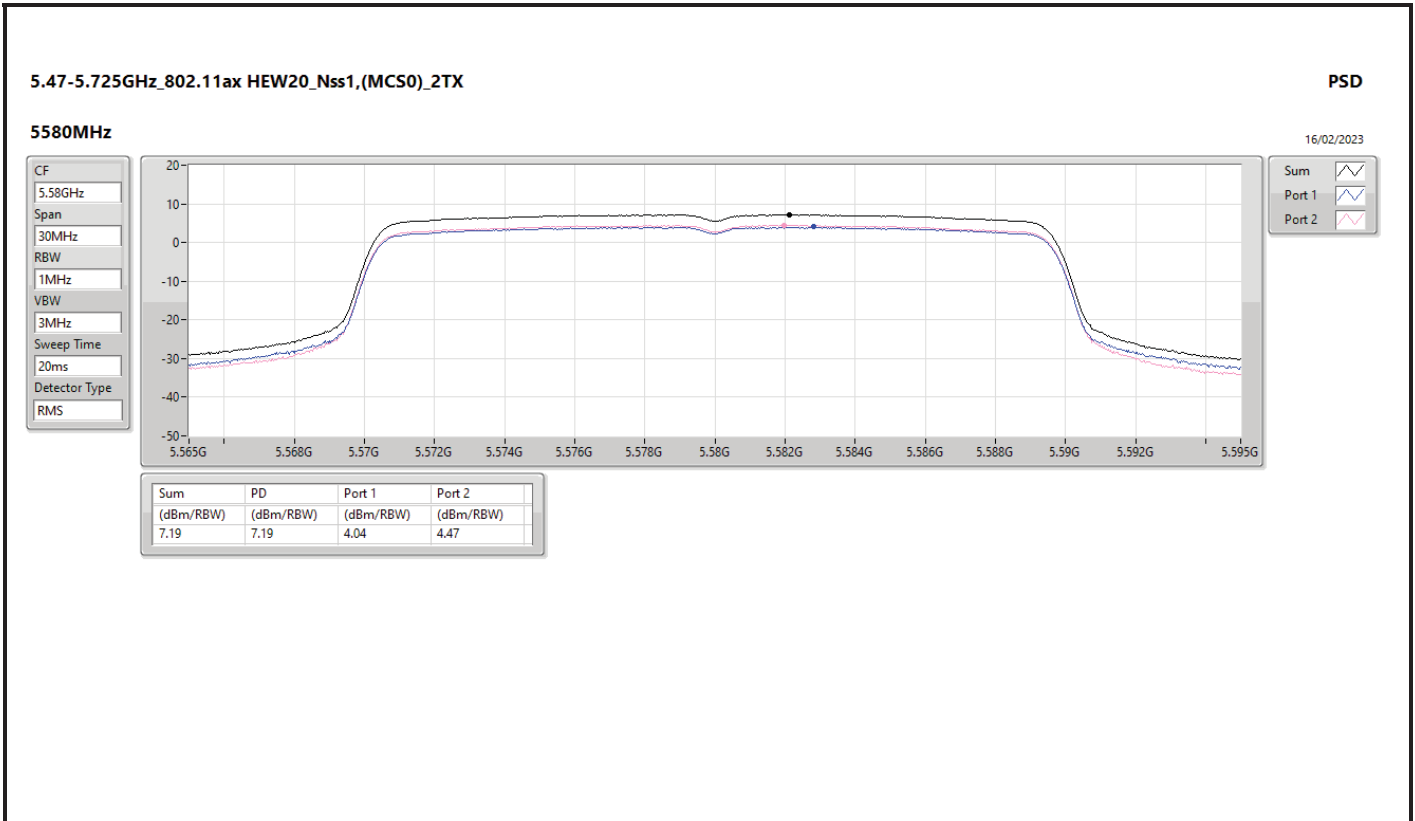


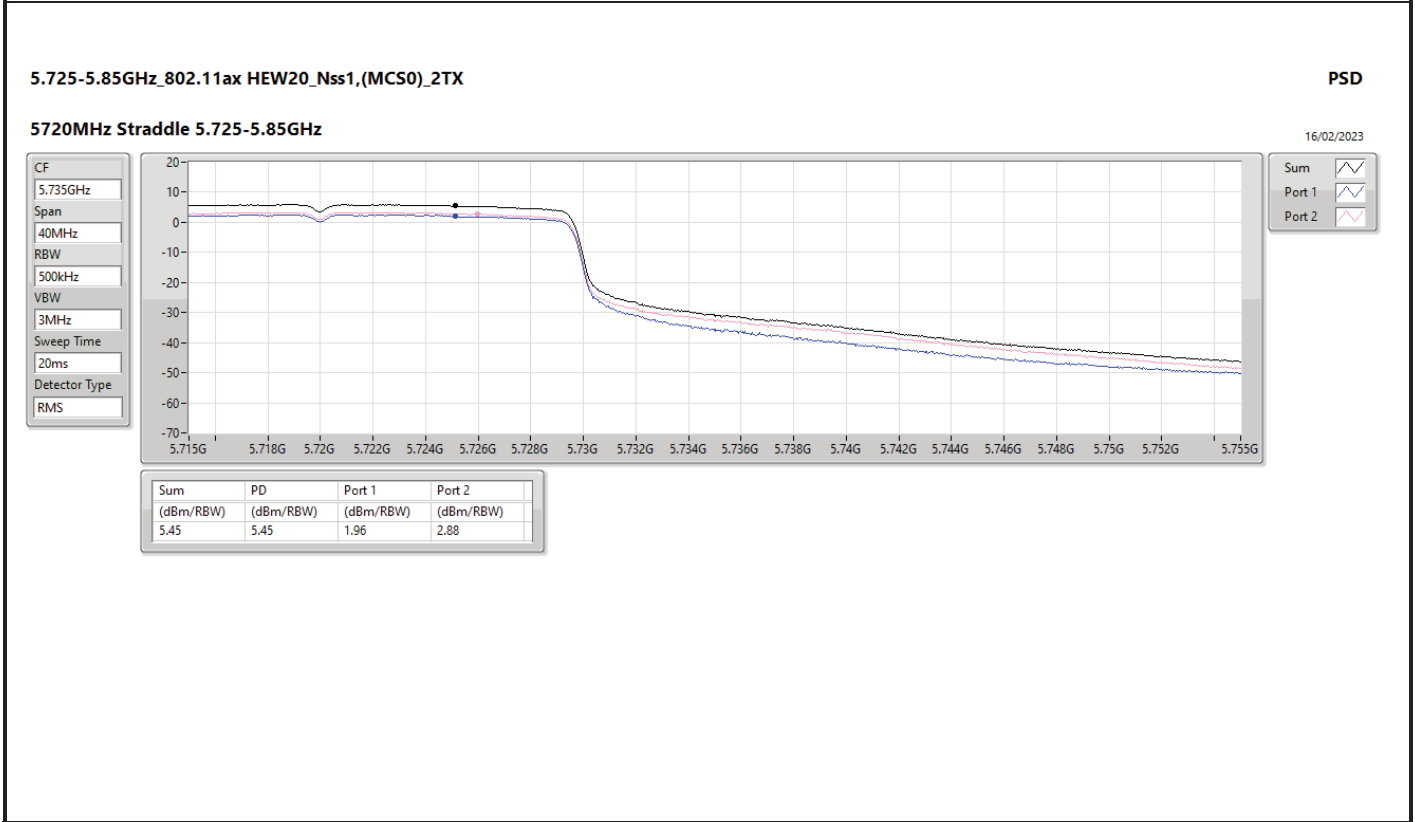
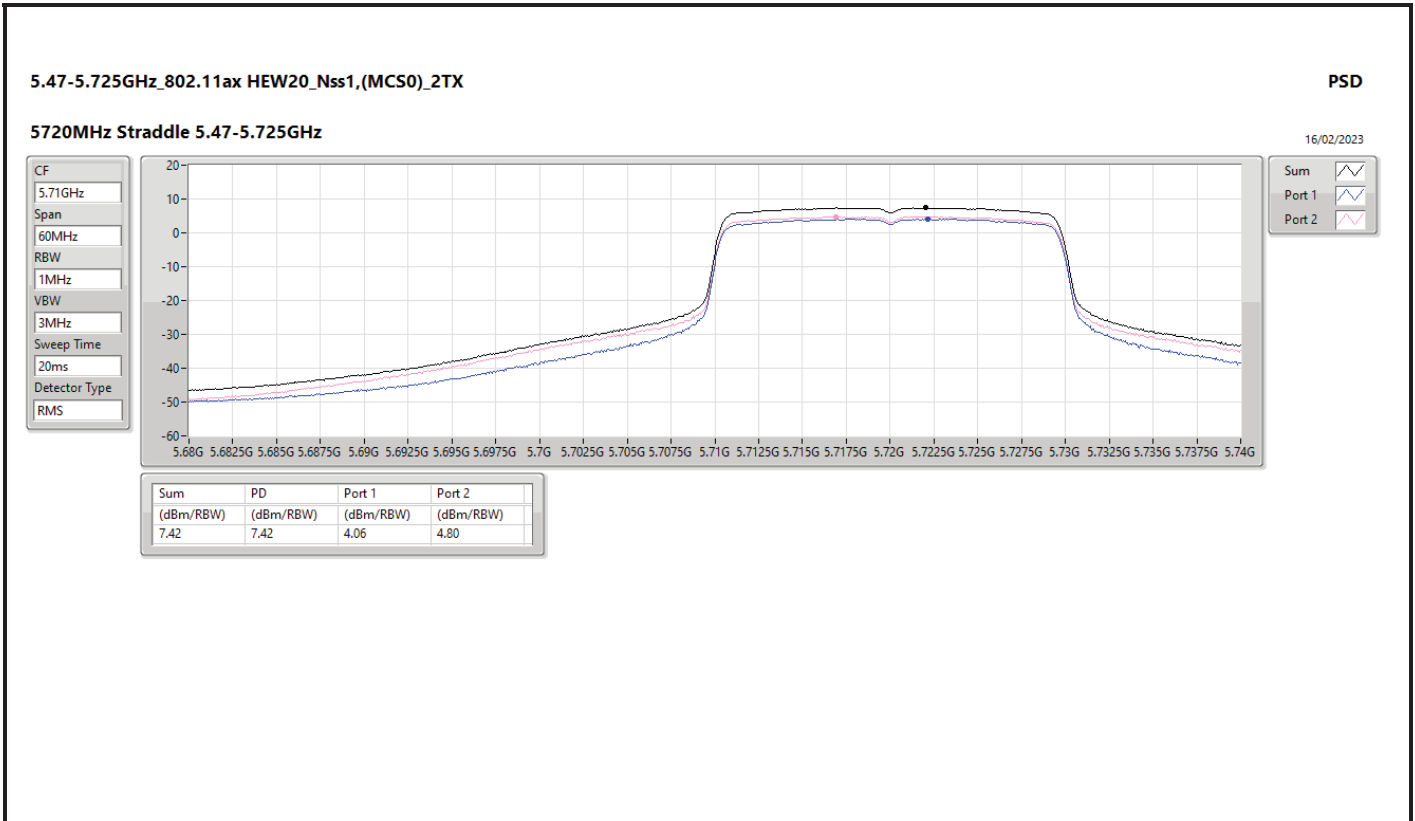


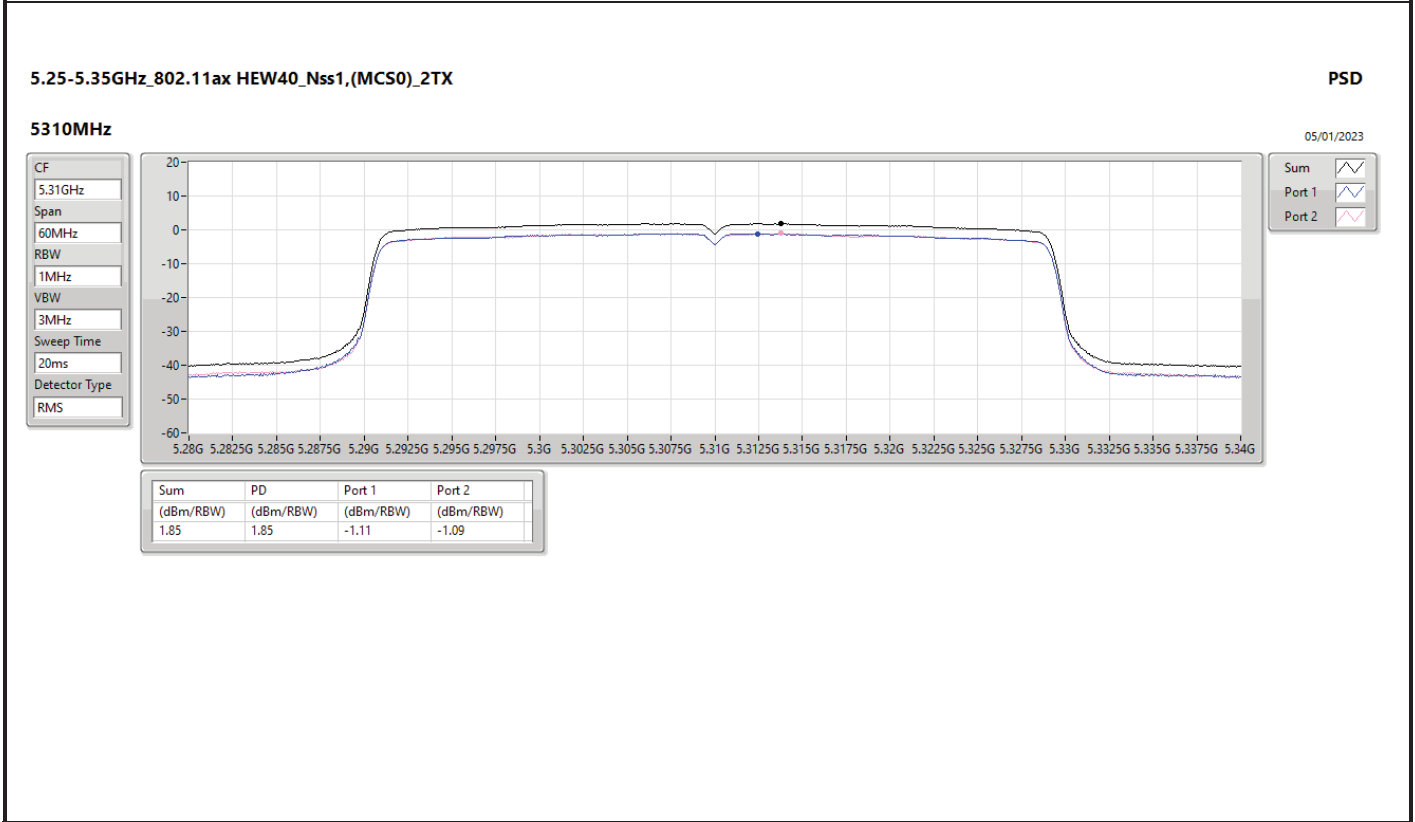
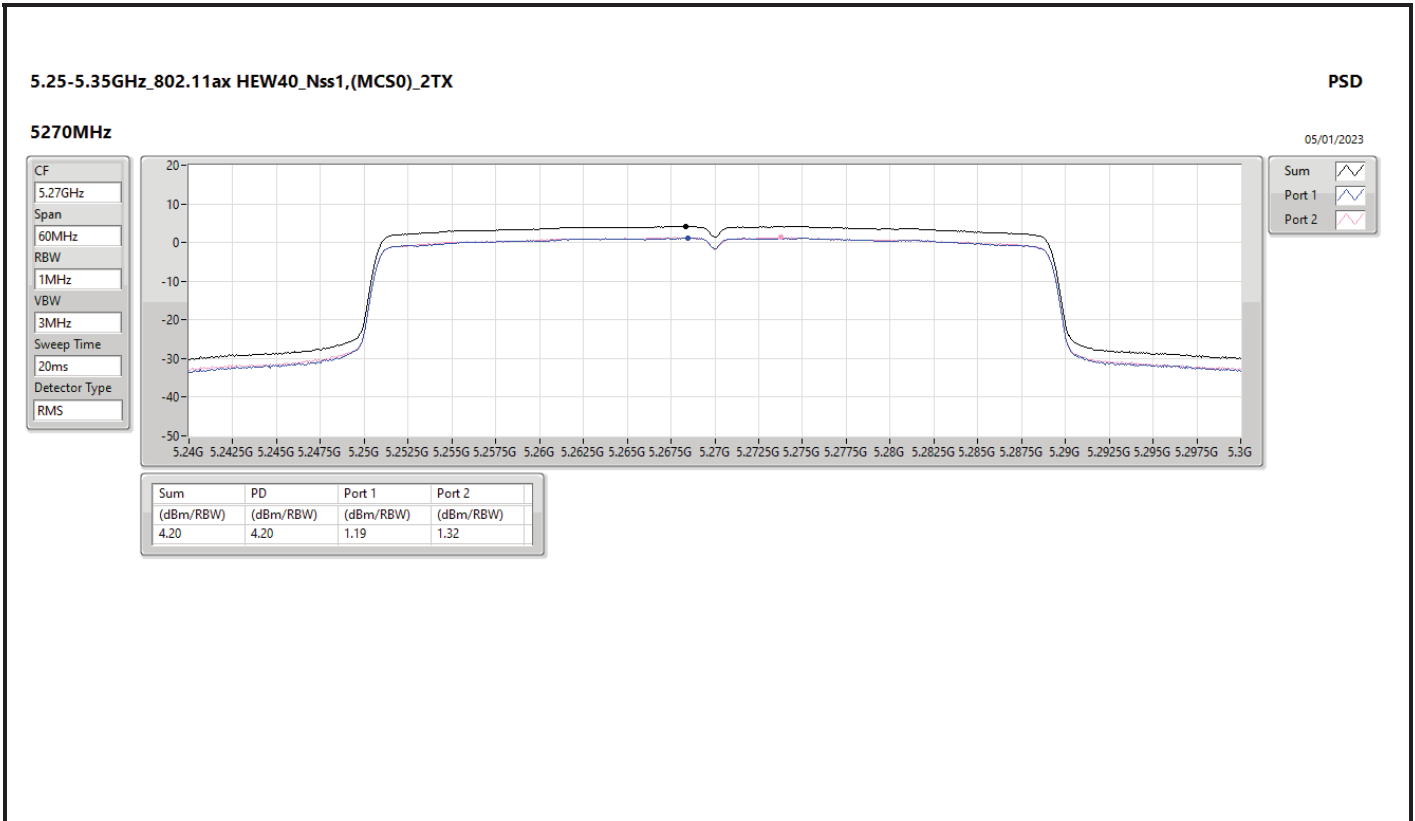


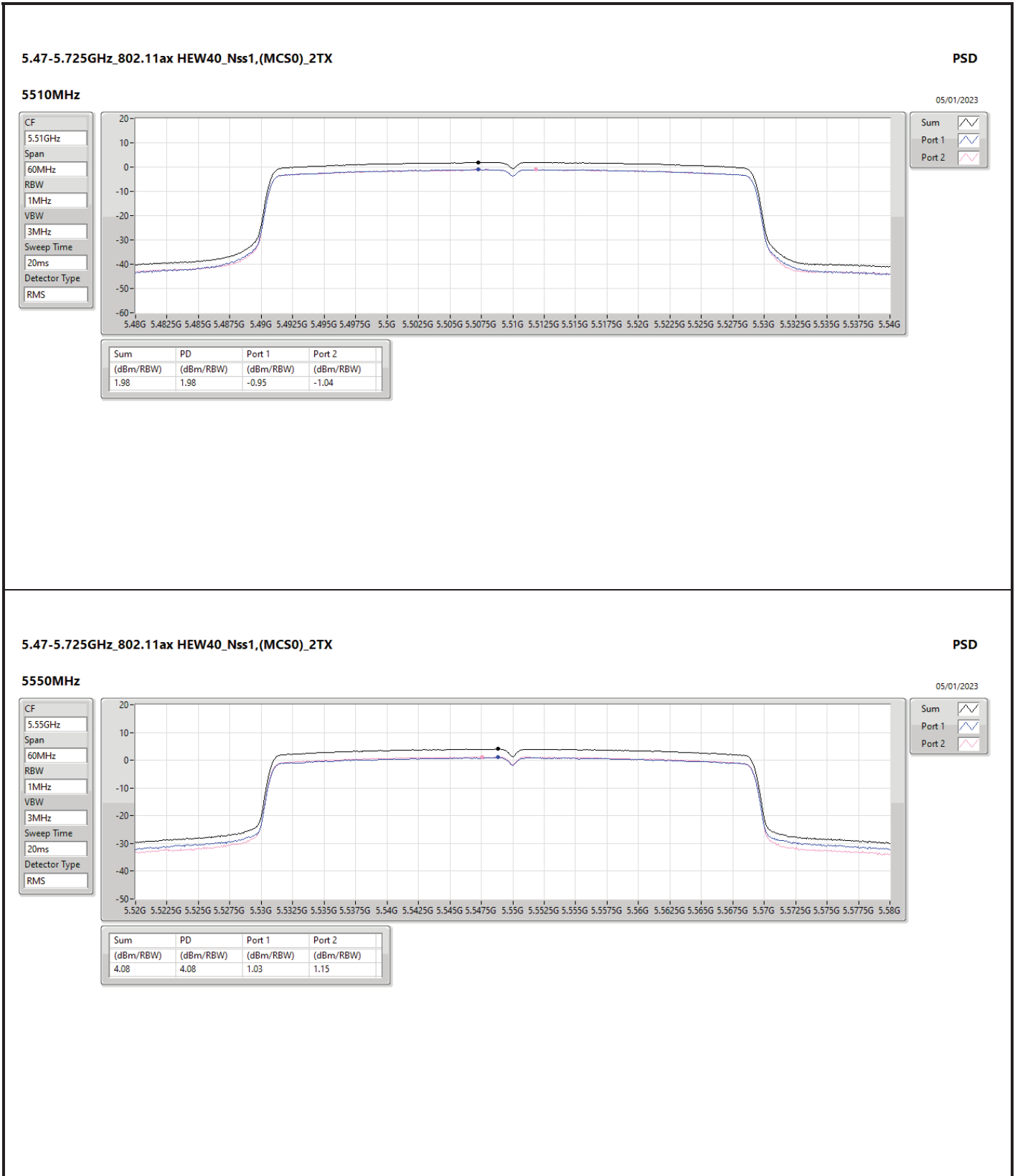


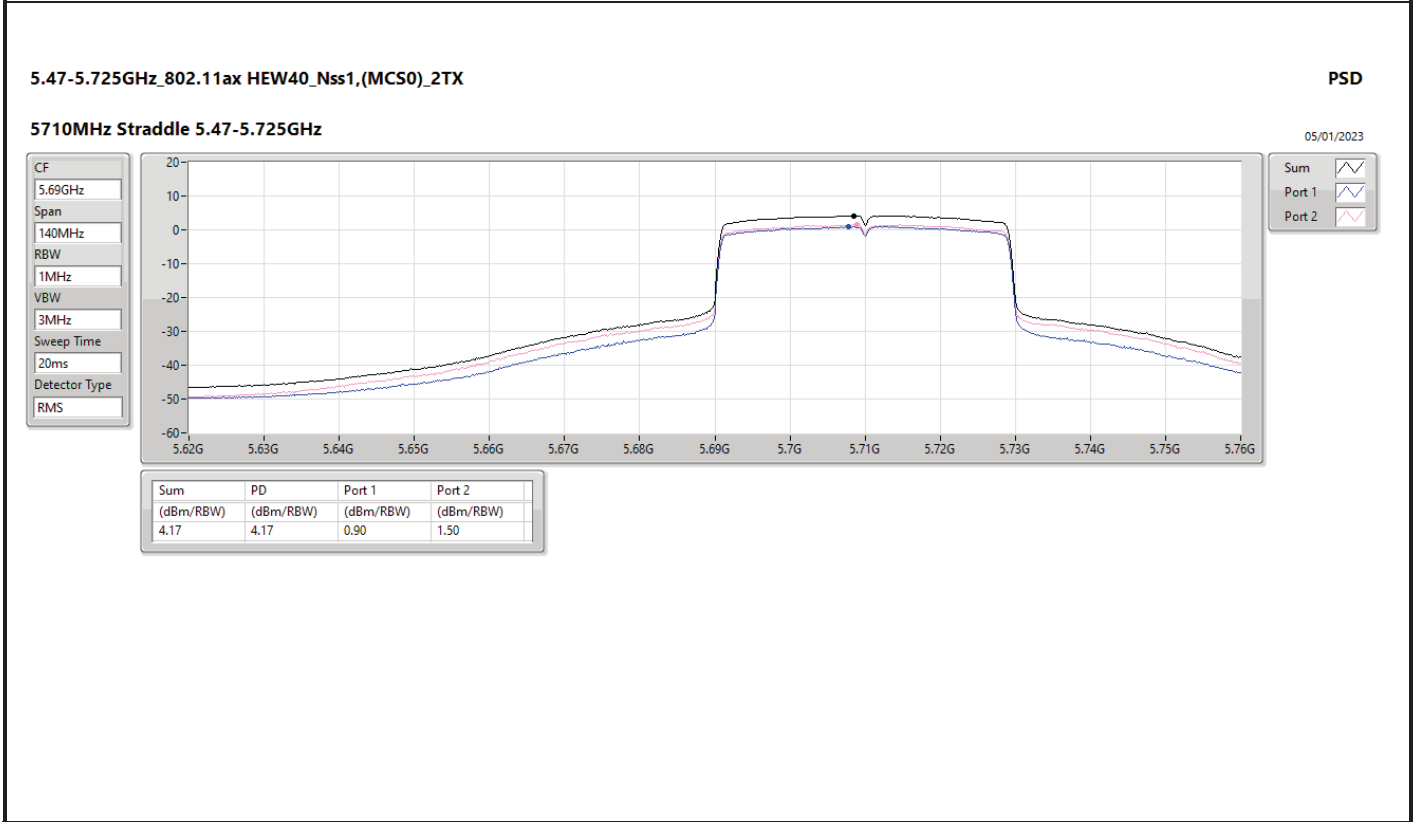
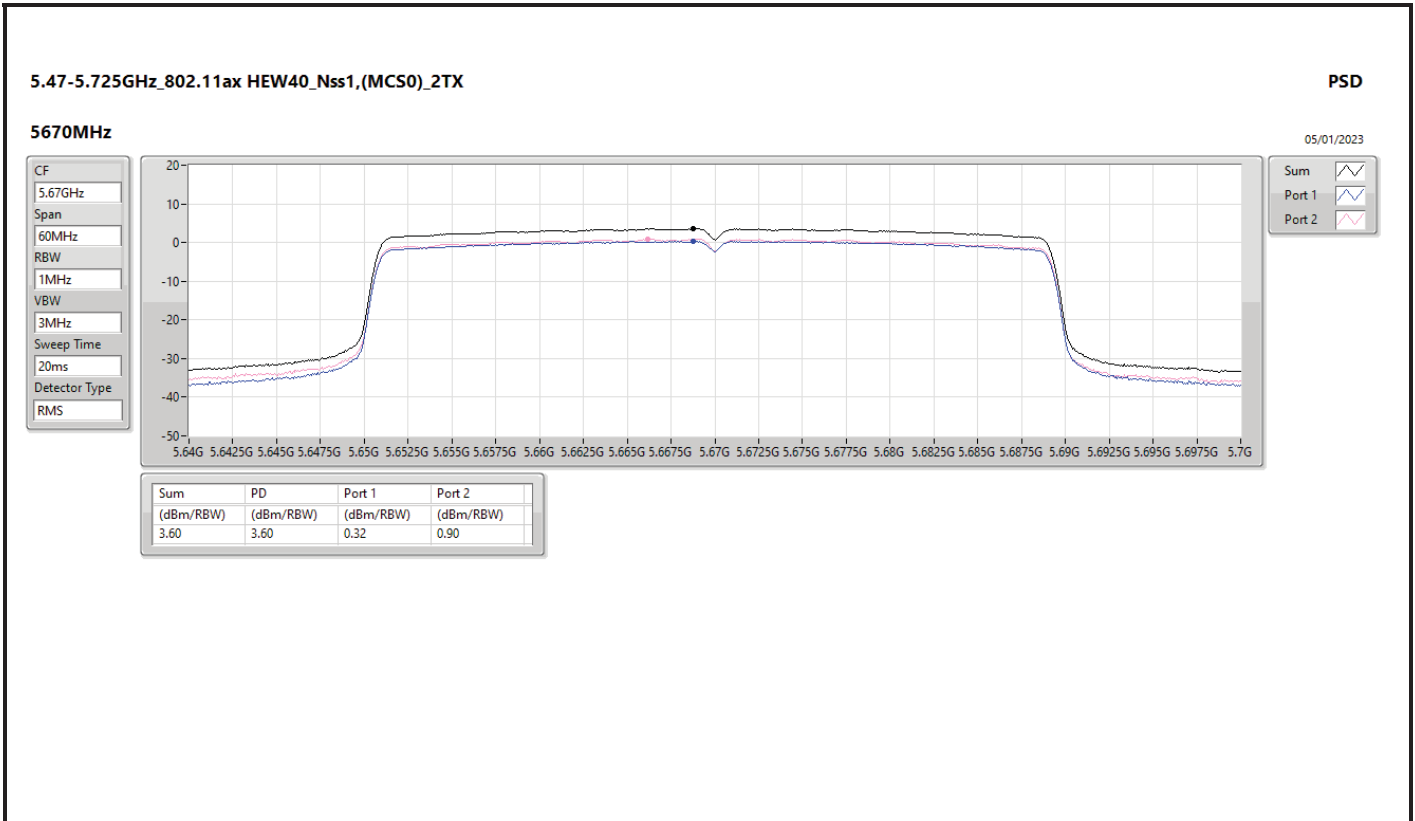


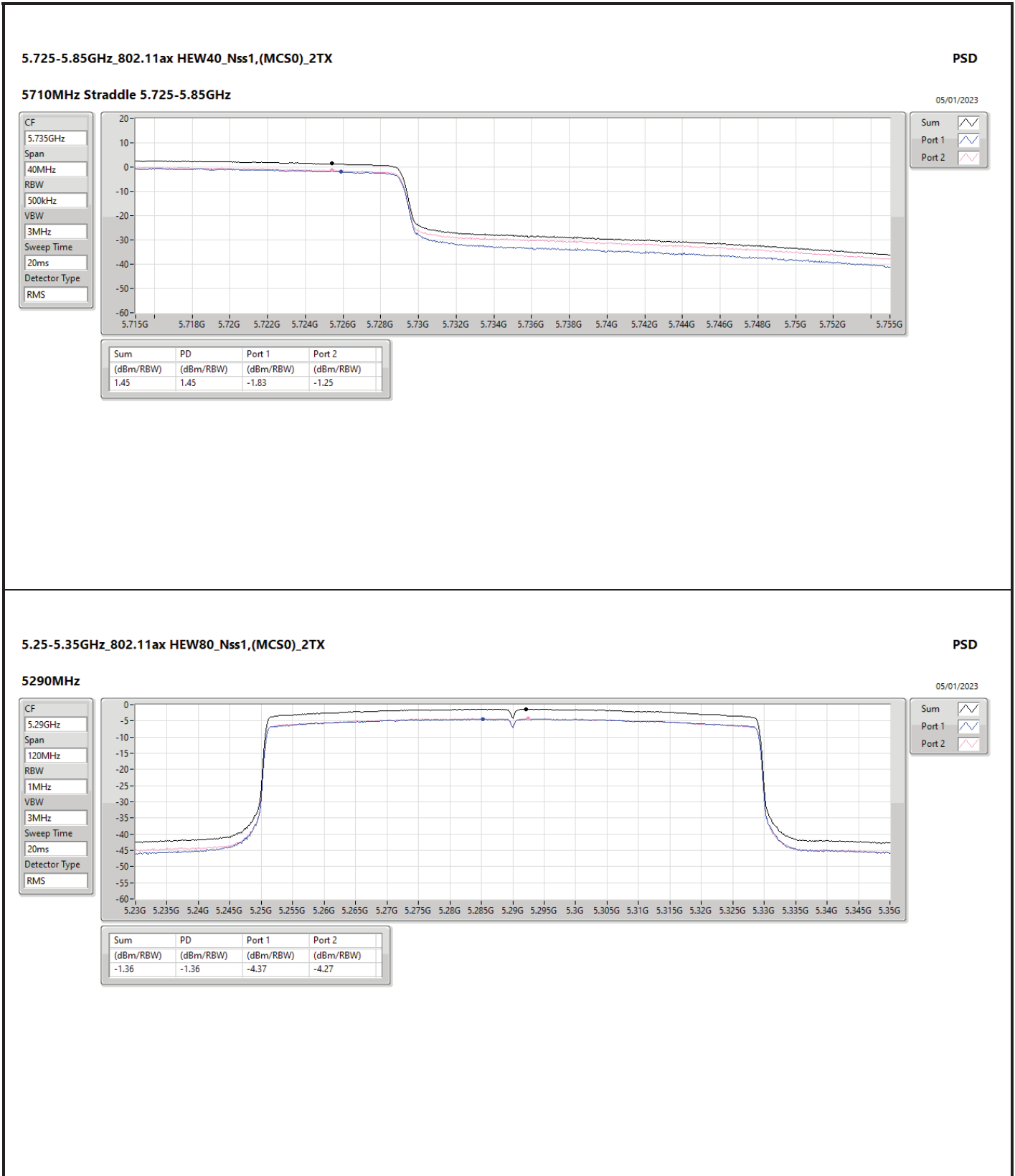


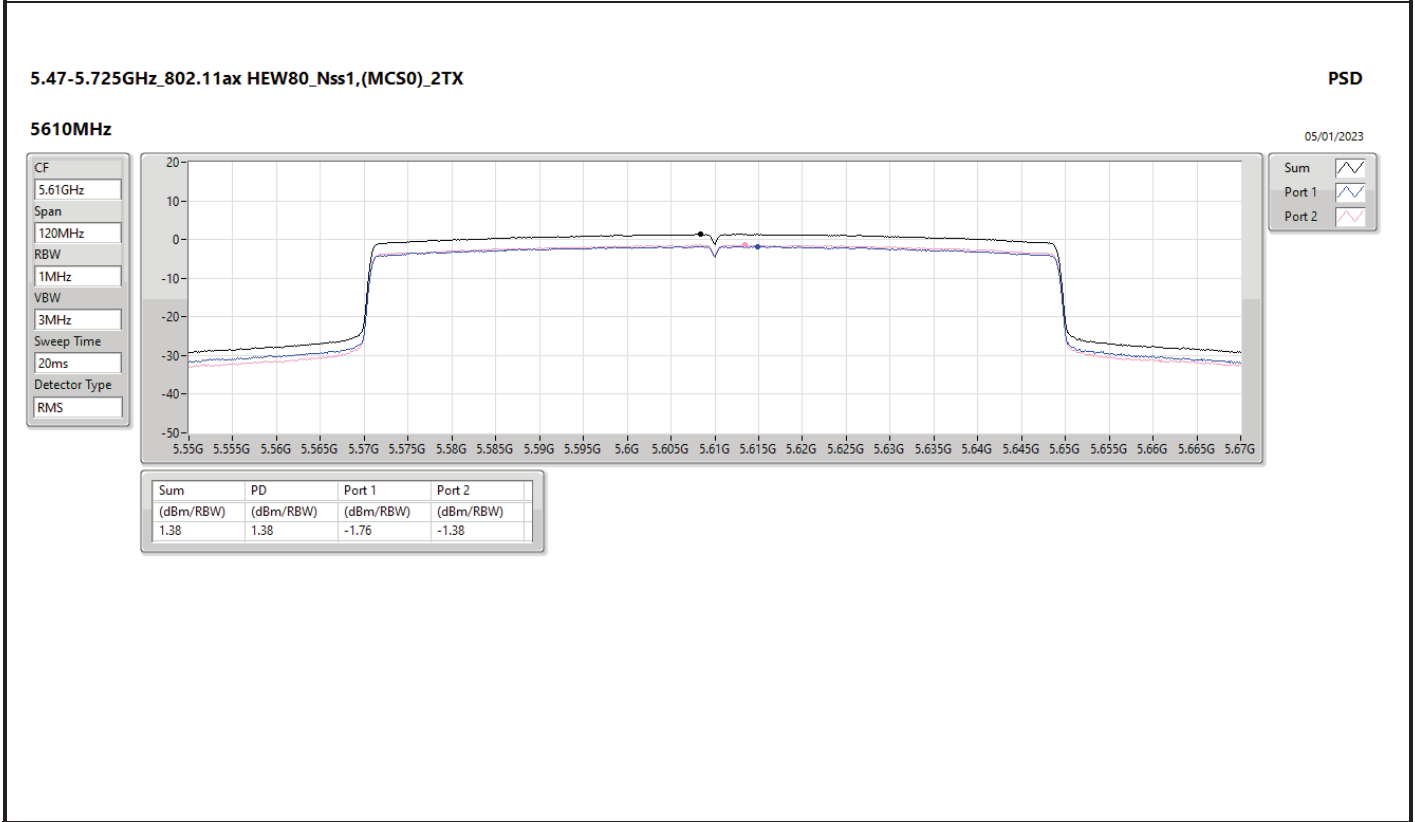
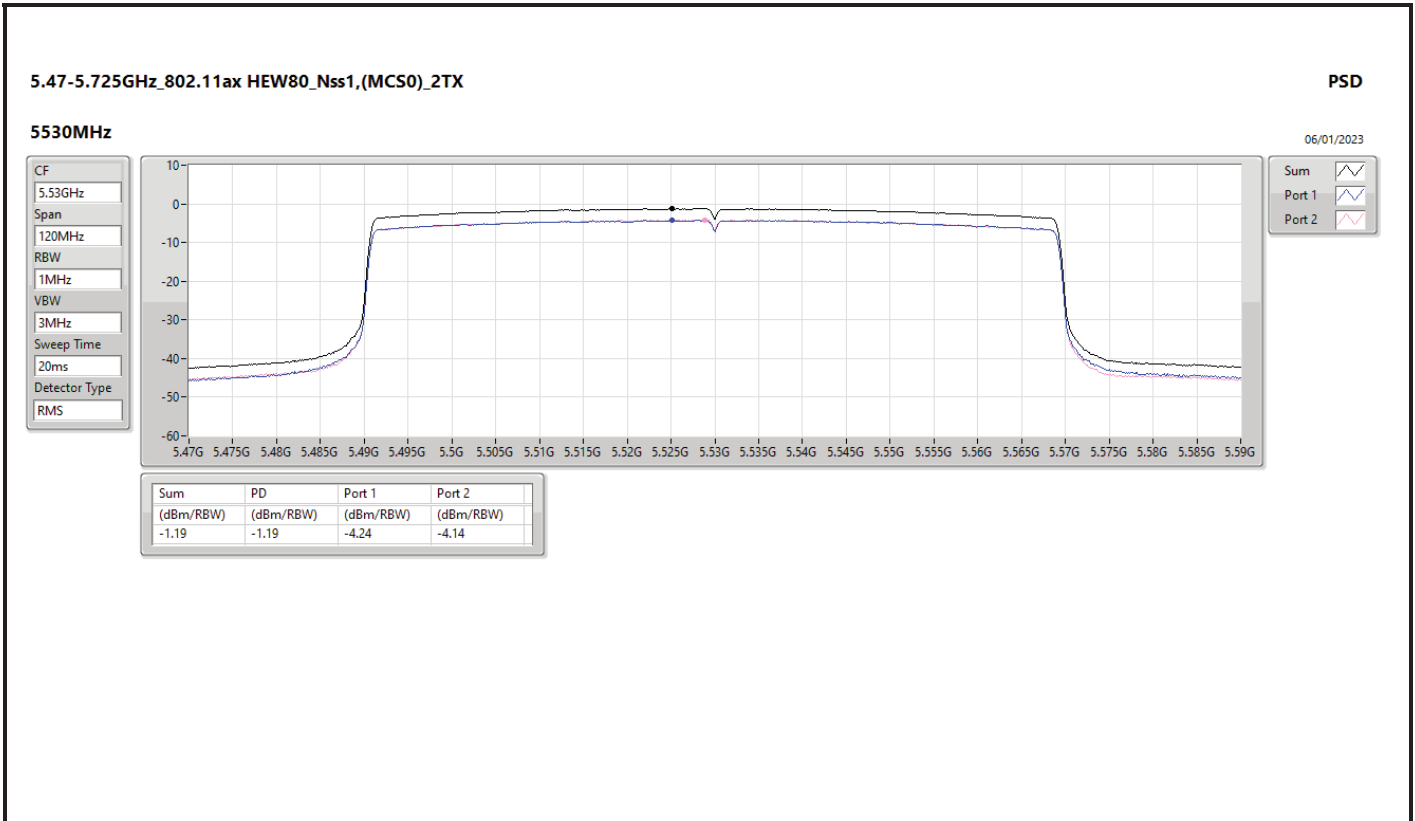


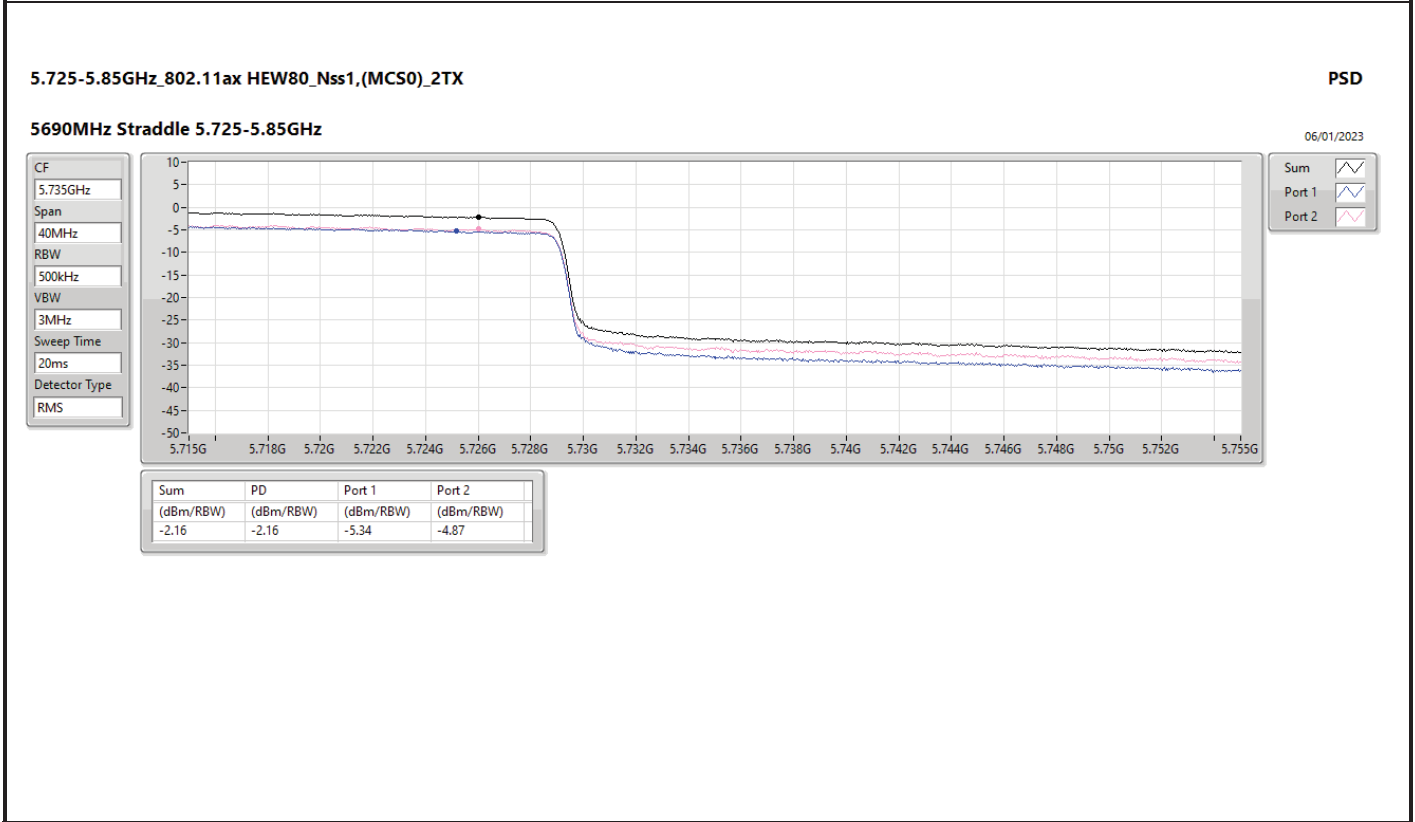
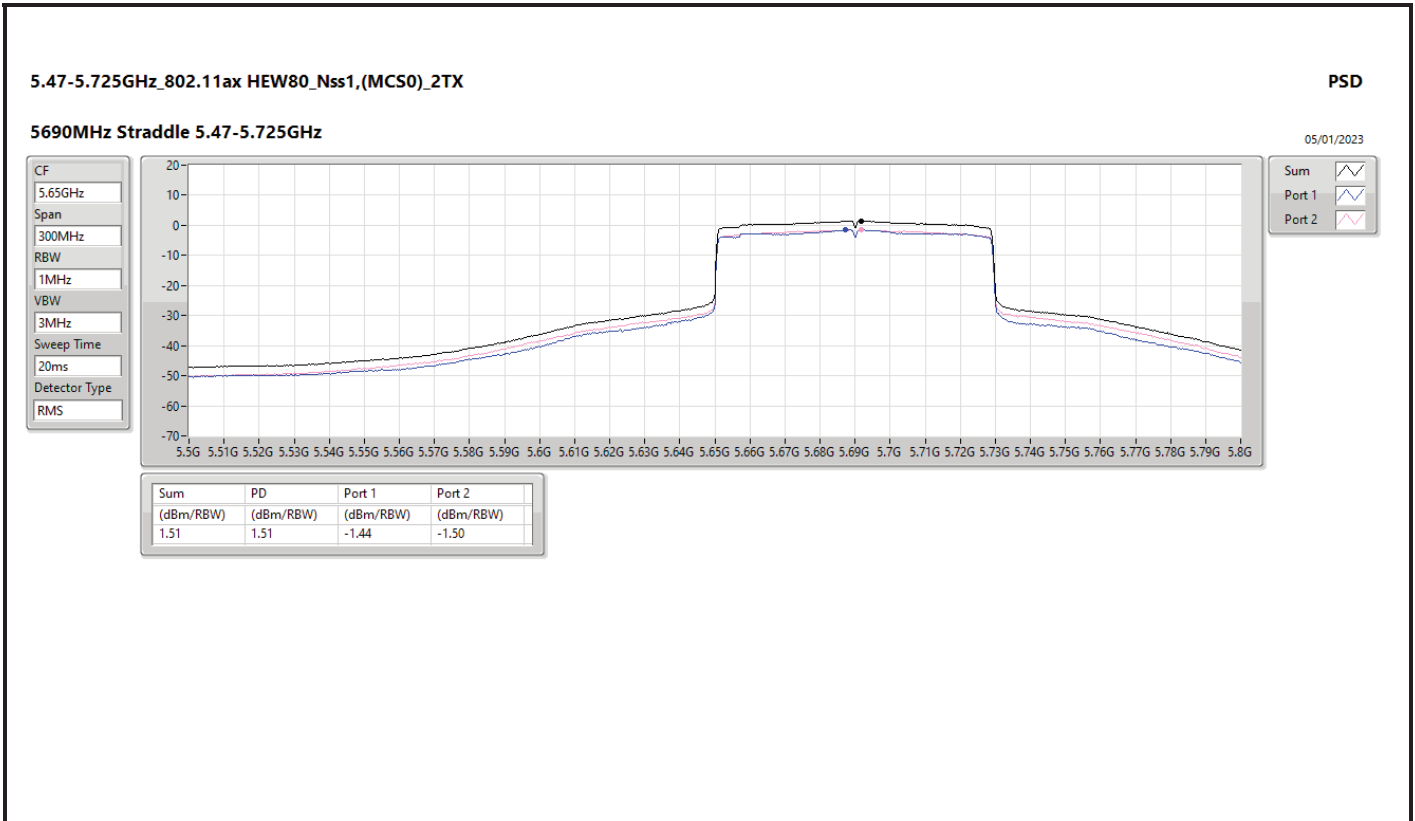


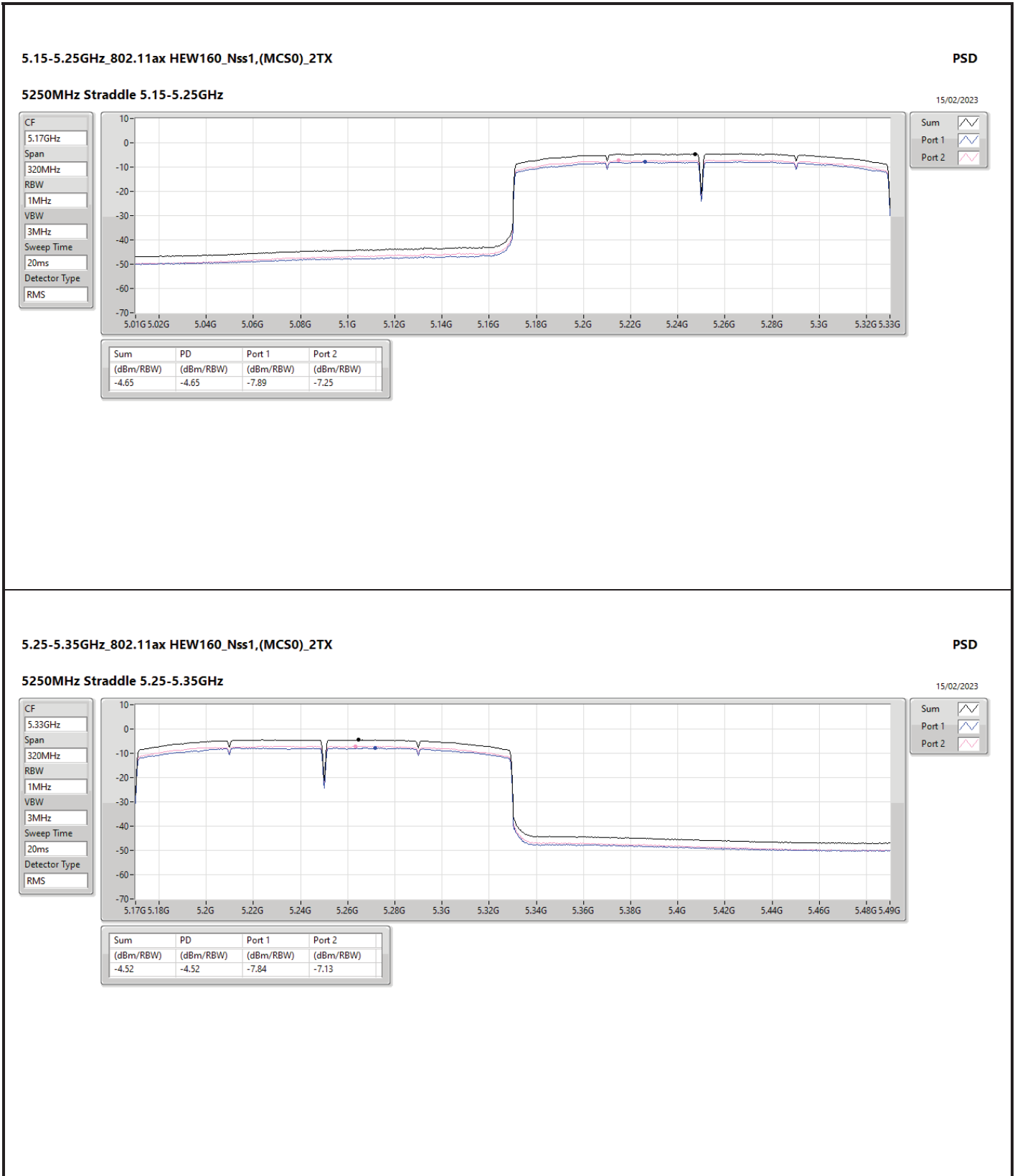


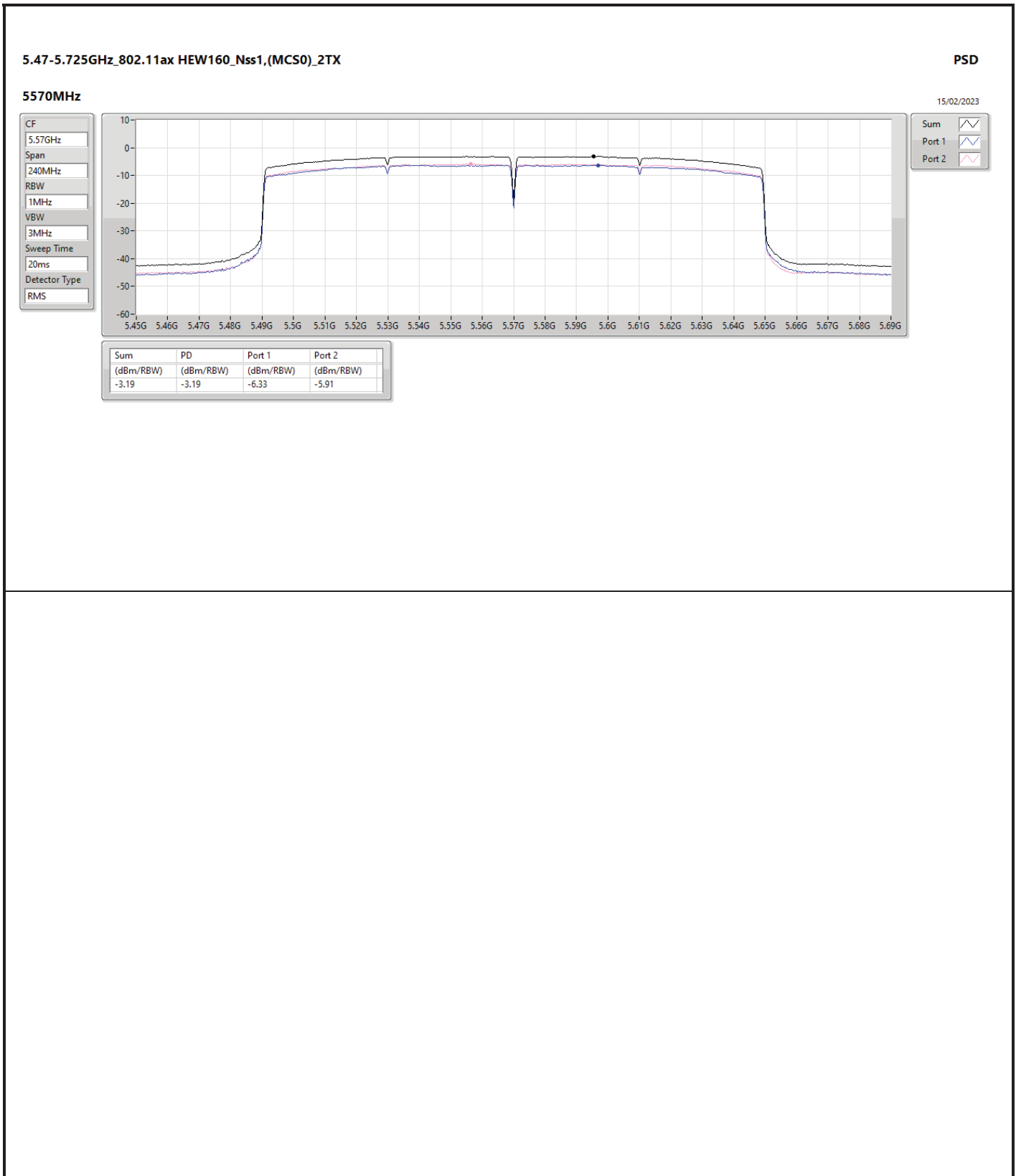














Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.83	16.59
802.11ax HEW20_Nss1,(MCS0)_2TX	7.39	16.15
802.11ax HEW40_Nss1,(MCS0)_2TX	5.18	13.94
802.11ax HEW80_Nss1,(MCS0)_2TX	1.08	9.84
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.15	16.91
802.11ax HEW20_Nss1,(MCS0)_2TX	7.96	16.72
802.11ax HEW40_Nss1,(MCS0)_2TX	5.71	14.47
802.11ax HEW80_Nss1,(MCS0)_2TX	2.27	11.03
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	6.03	14.79
802.11ax HEW20_Nss1,(MCS0)_2TX	5.44	14.20
802.11ax HEW40_Nss1,(MCS0)_2TX	2.24	11.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-1.91	6.85

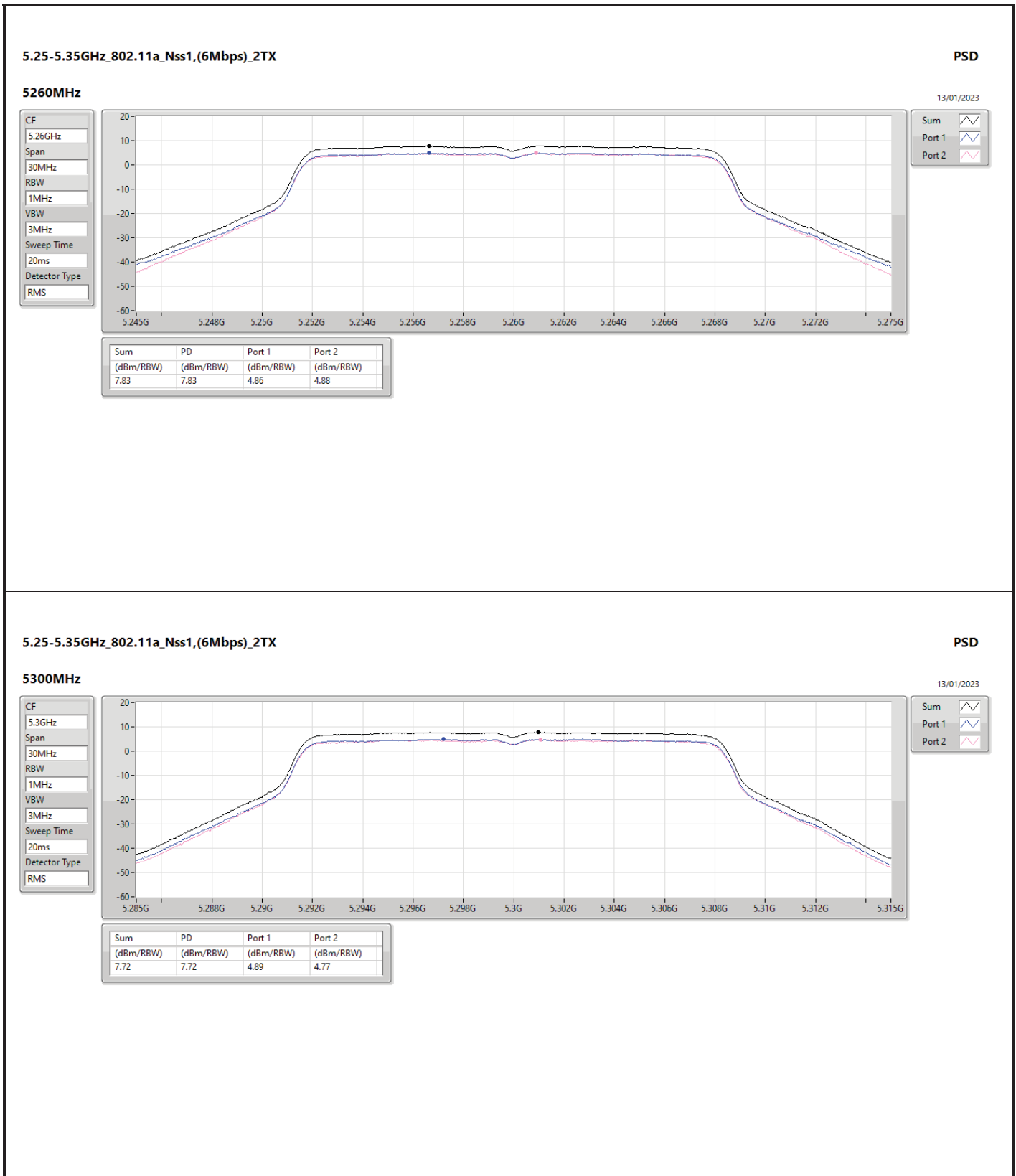
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

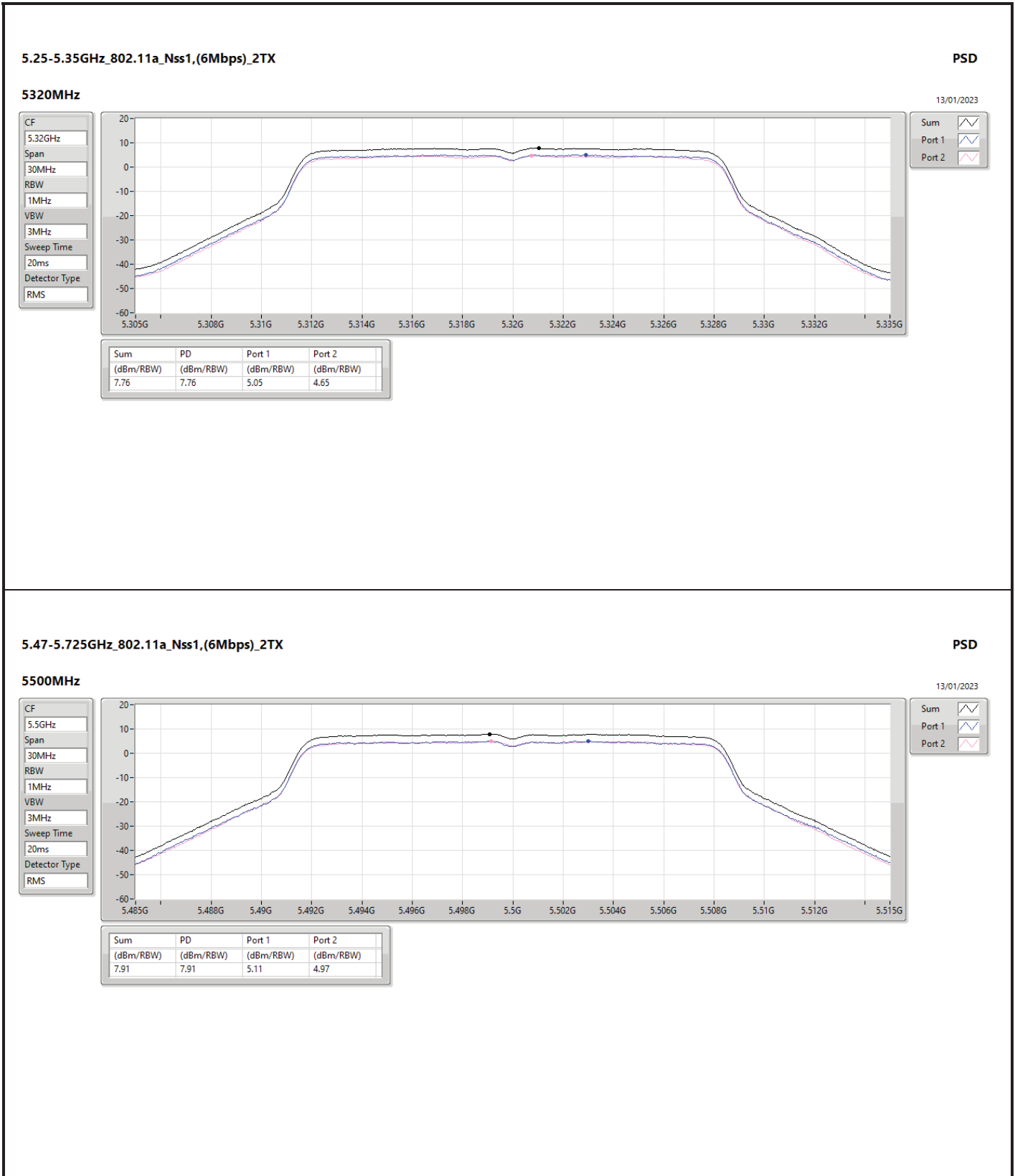


Result

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)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.76	4.86	4.88	7.83	8.24	16.59	17.00
5300MHz	Pass	8.76	4.89	4.77	7.72	8.24	16.48	17.00
5320MHz	Pass	8.76	5.05	4.65	7.76	8.24	16.52	17.00
5500MHz	Pass	8.76	5.11	4.97	7.91	8.24	16.67	17.00
5580MHz	Pass	8.76	4.85	4.60	7.71	8.24	16.47	17.00
5700MHz	Pass	8.76	4.91	5.34	8.02	8.24	16.78	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.76	5.17	5.23	8.15	8.24	16.91	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.76	3.15	2.89	6.03	27.24	14.79	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.76	4.53	4.40	7.39	8.24	16.15	17.00
5300MHz	Pass	8.76	4.55	4.25	7.35	8.24	16.11	17.00
5320MHz	Pass	8.76	4.77	4.14	7.37	8.24	16.13	17.00
5500MHz	Pass	8.76	5.21	5.25	7.96	8.24	16.72	17.00
5580MHz	Pass	8.76	4.57	4.13	7.27	8.24	16.03	17.00
5700MHz	Pass	8.76	4.61	4.94	7.69	8.24	16.45	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.76	4.59	4.69	7.58	8.24	16.34	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.76	2.67	2.34	5.44	27.24	14.20	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.76	2.38	2.19	5.18	8.24	13.94	17.00
5310MHz	Pass	8.76	2.26	1.90	4.98	8.24	13.74	17.00
5510MHz	Pass	8.76	2.71	2.50	5.26	8.24	14.02	17.00
5550MHz	Pass	8.76	2.73	2.89	5.71	8.24	14.47	17.00
5670MHz	Pass	8.76	1.88	2.65	5.23	8.24	13.99	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.76	2.22	3.01	5.52	8.24	14.28	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.76	-1.06	-0.40	2.24	27.24	11.00	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.76	-1.78	-1.94	1.08	8.24	9.84	17.00
5530MHz	Pass	8.76	-1.03	-0.37	2.17	8.24	10.93	17.00
5610MHz	Pass	8.76	-1.36	-1.54	1.53	8.24	10.29	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.76	-0.88	-0.61	2.27	8.24	11.03	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.76	-5.26	-4.49	-1.91	27.24	6.85	36.00

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





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

PSD

5500MHz

13/01/2023

CF
5.5GHz

Span
30MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

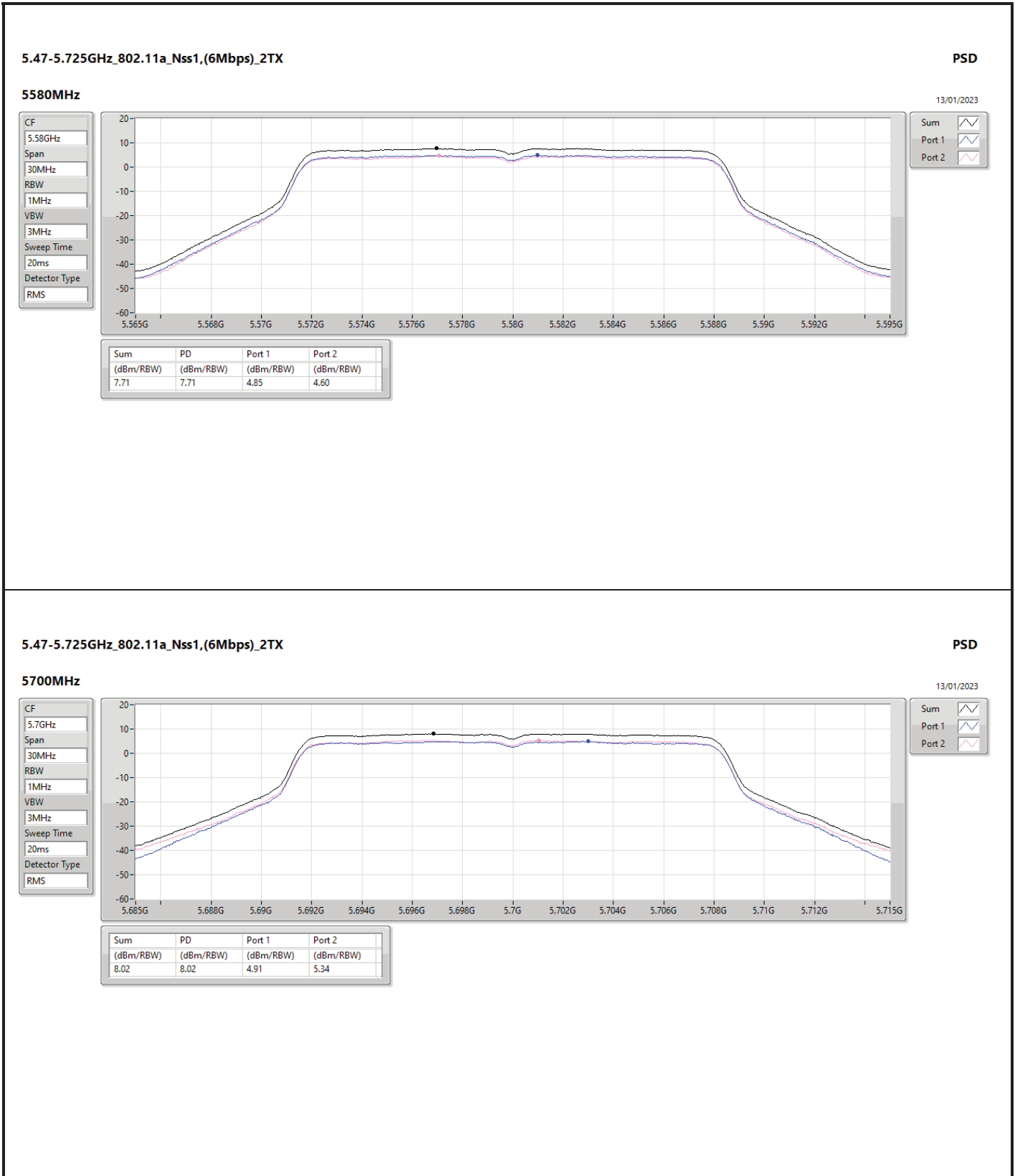


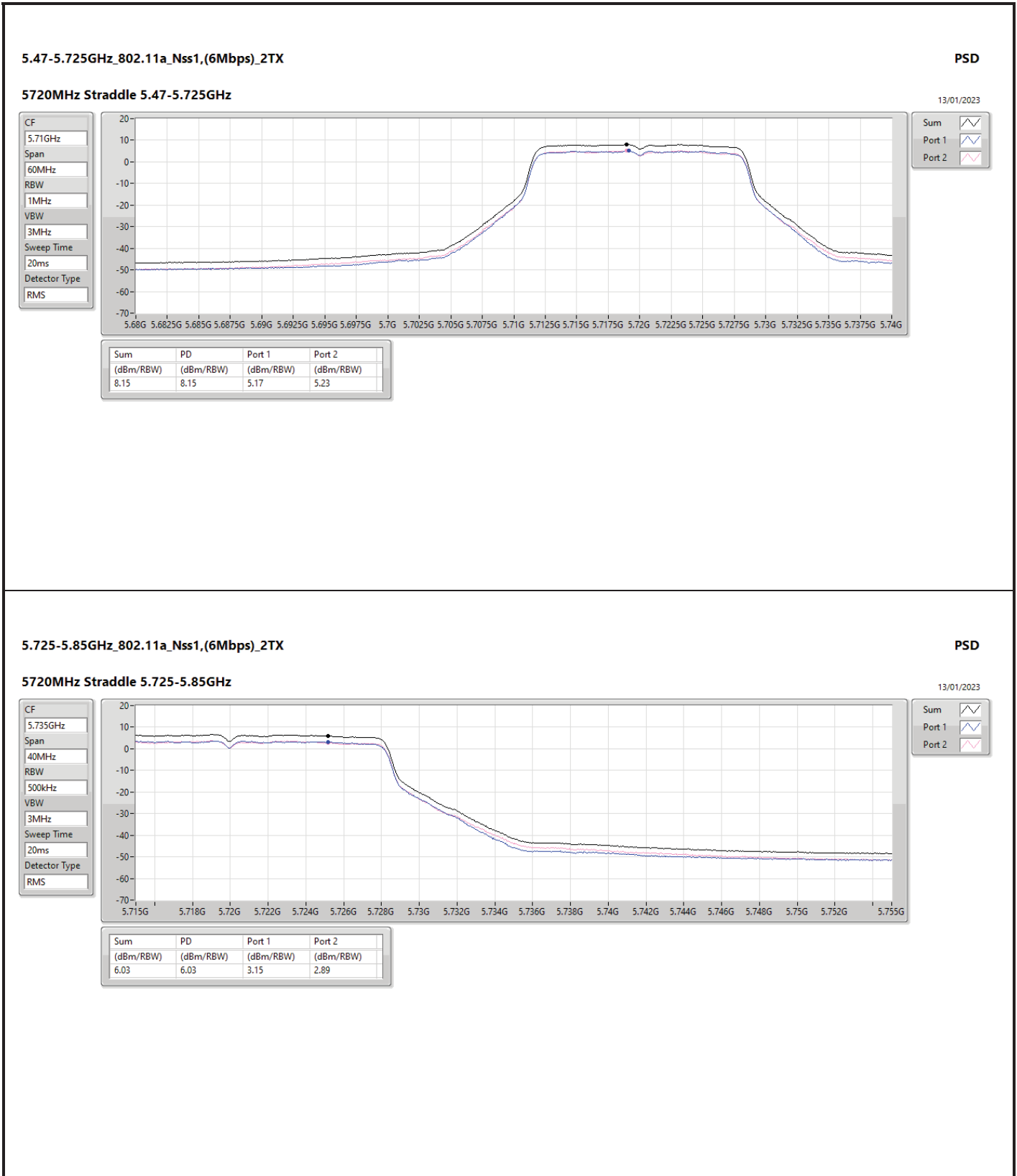
Sum

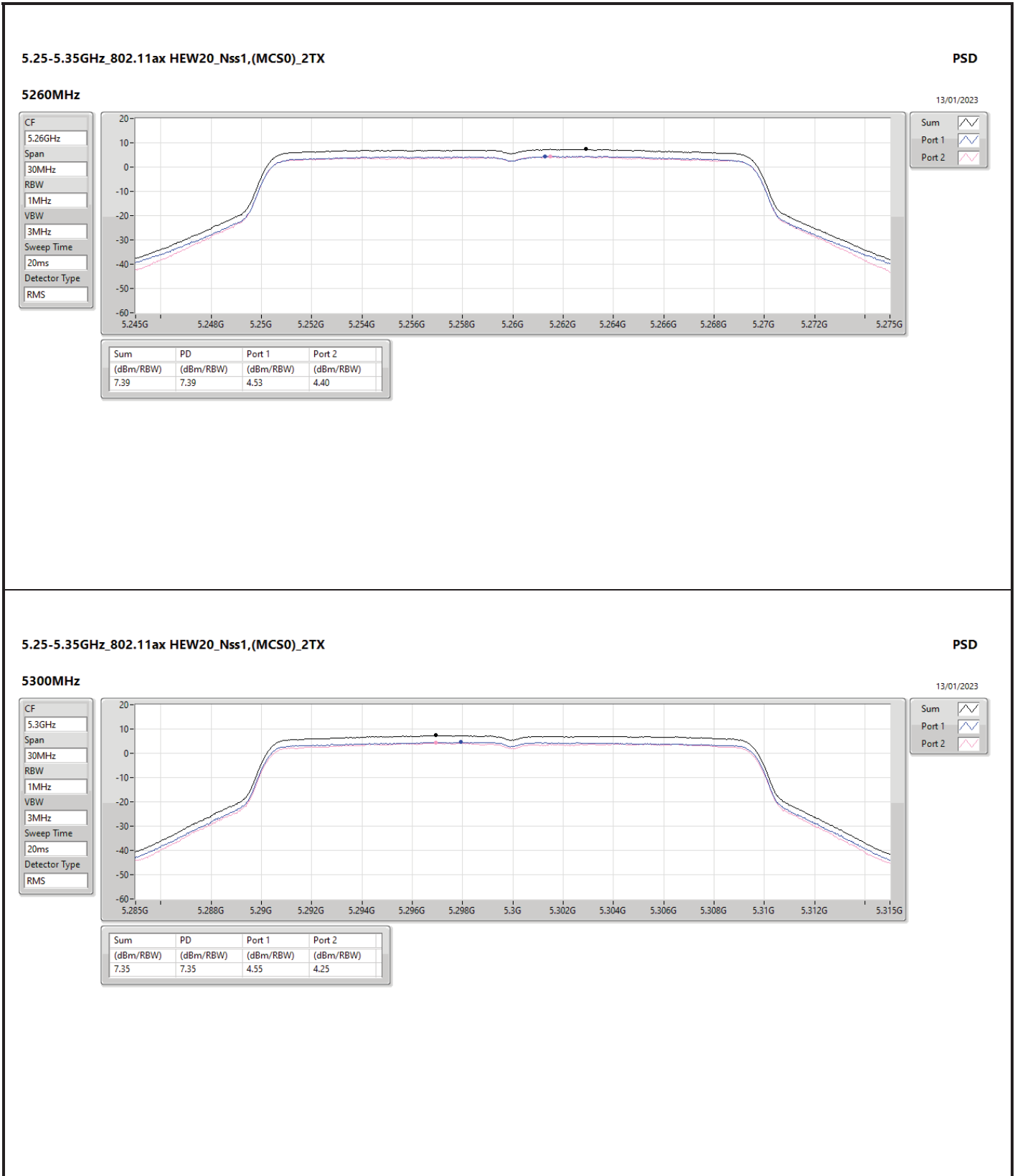
Port 1

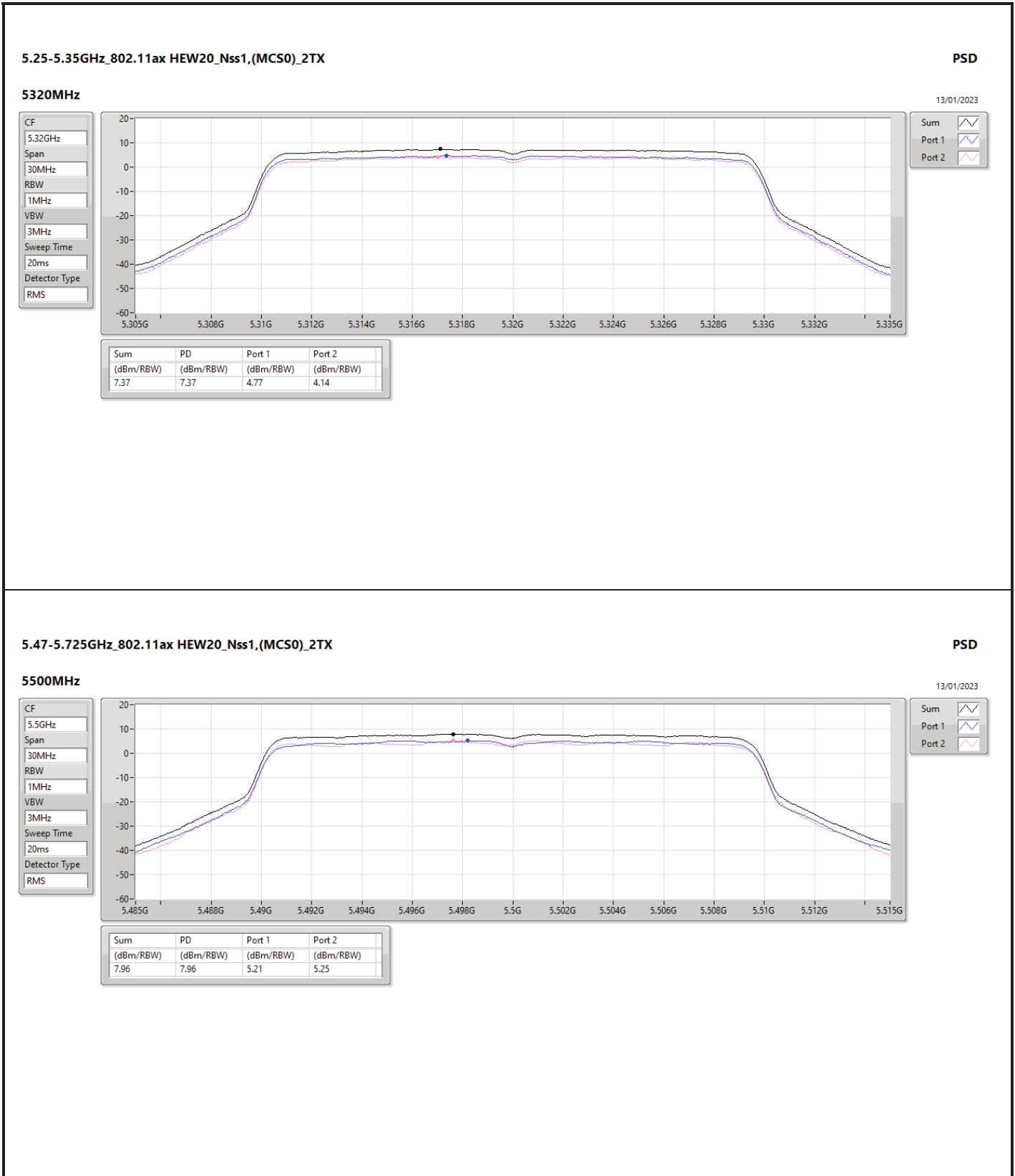
Port 2

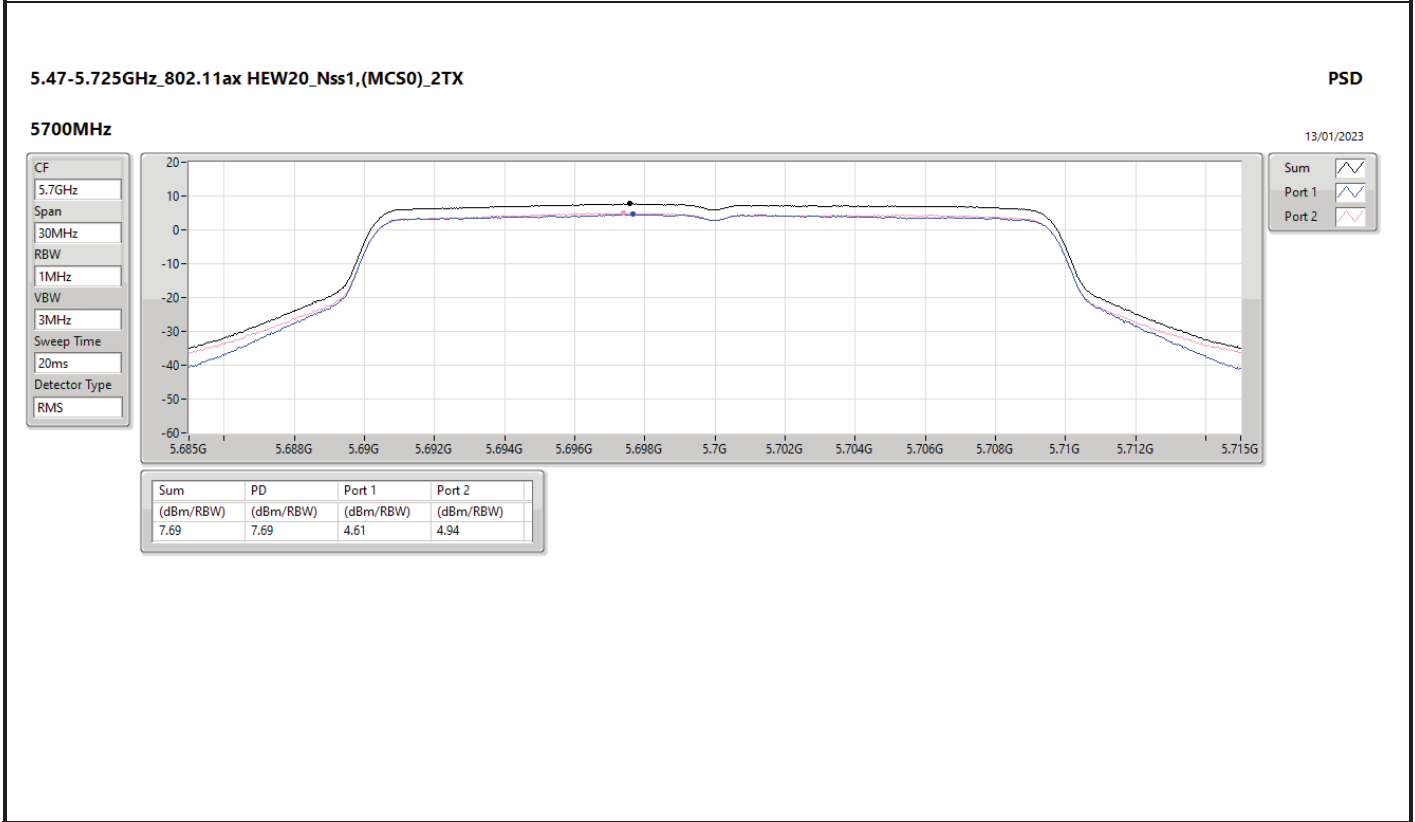
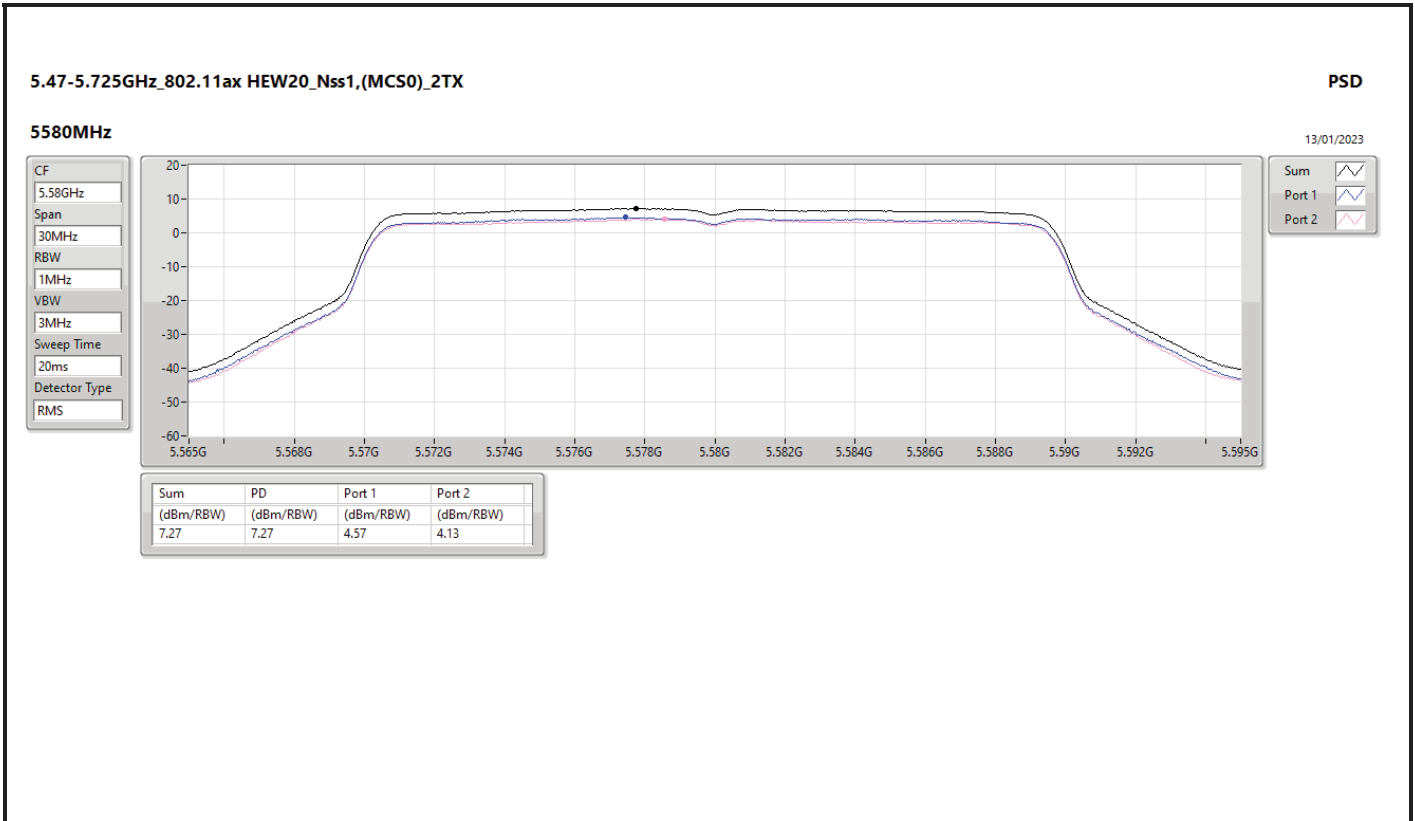
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.91	7.91	5.11	4.97

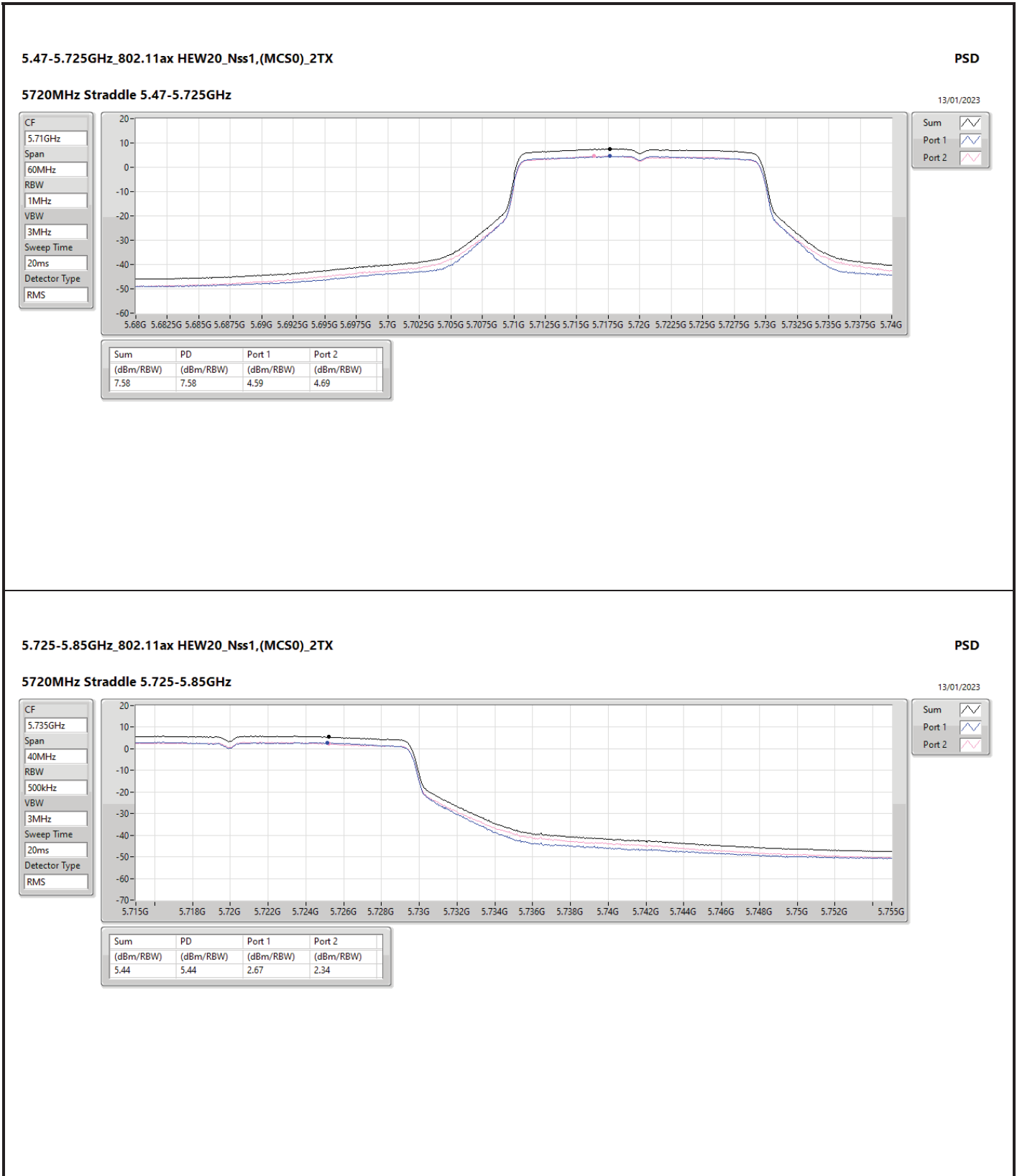


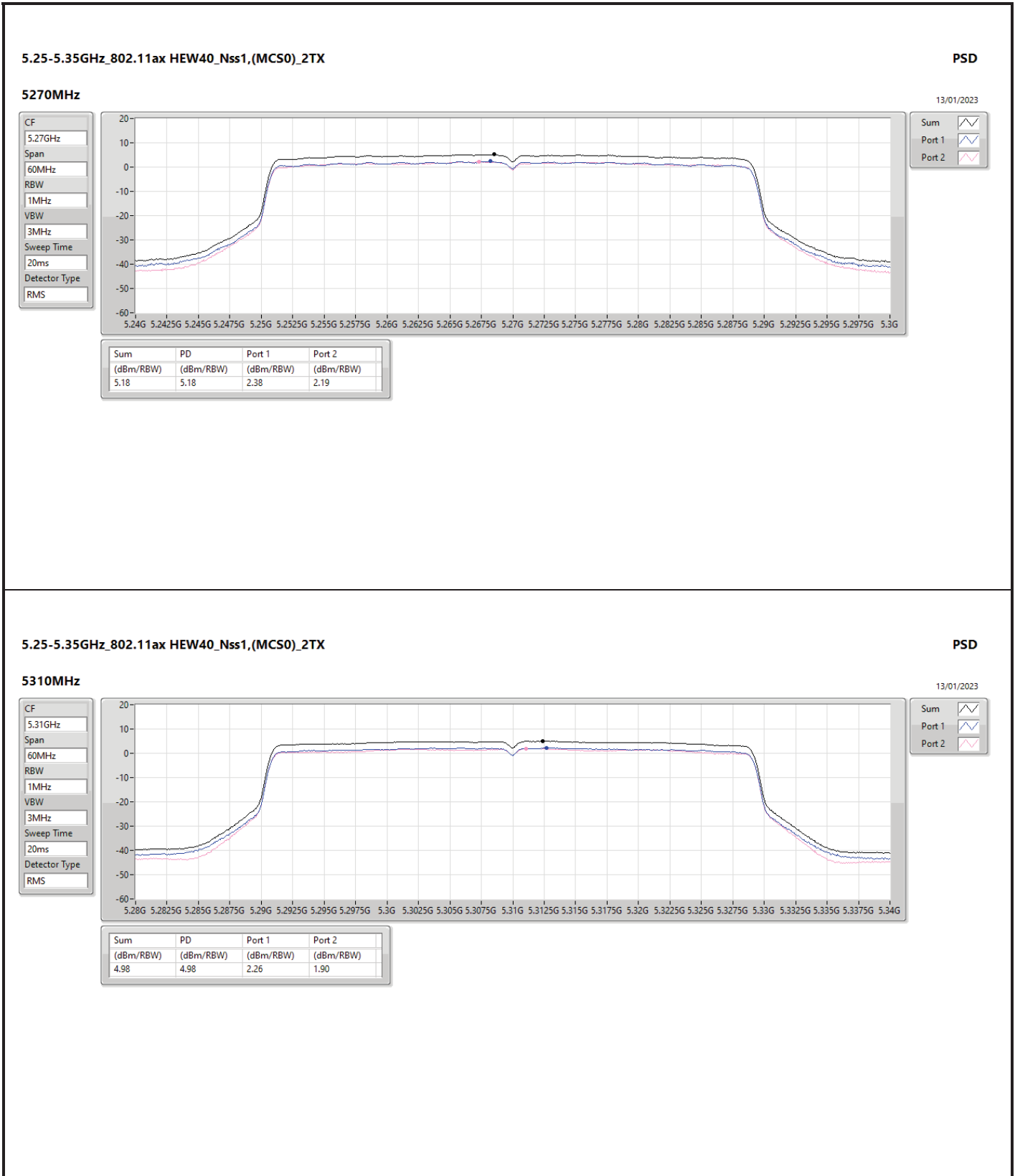


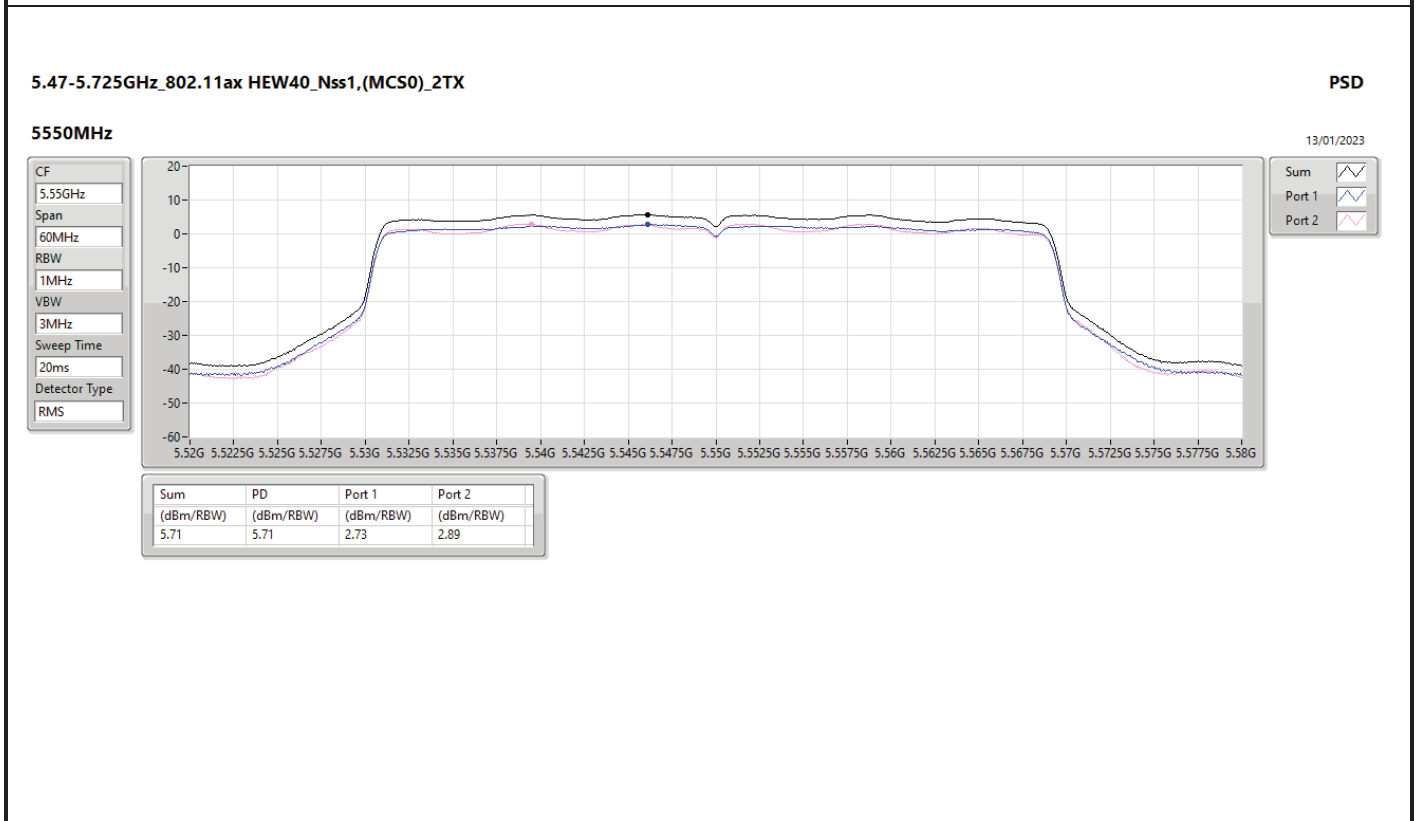
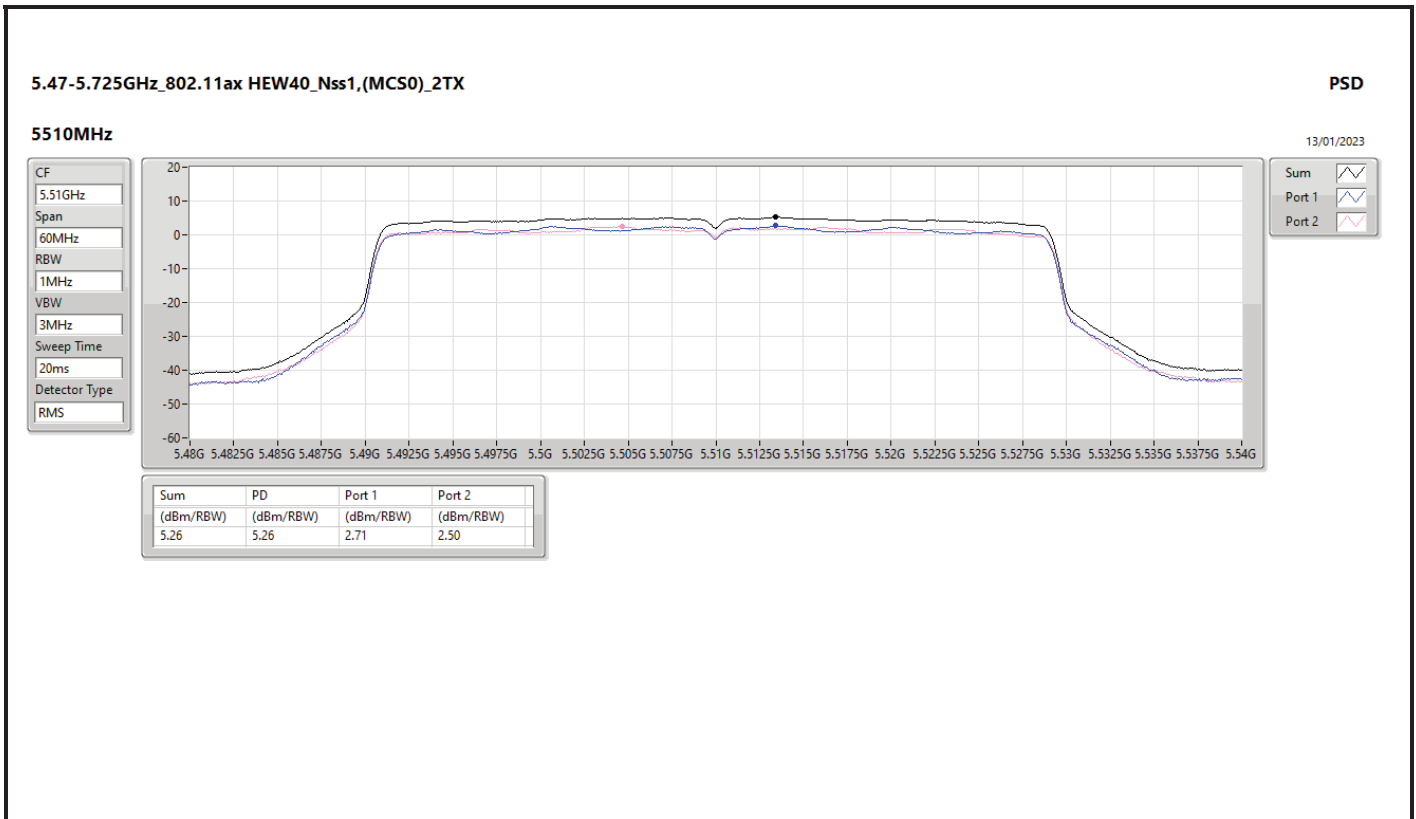


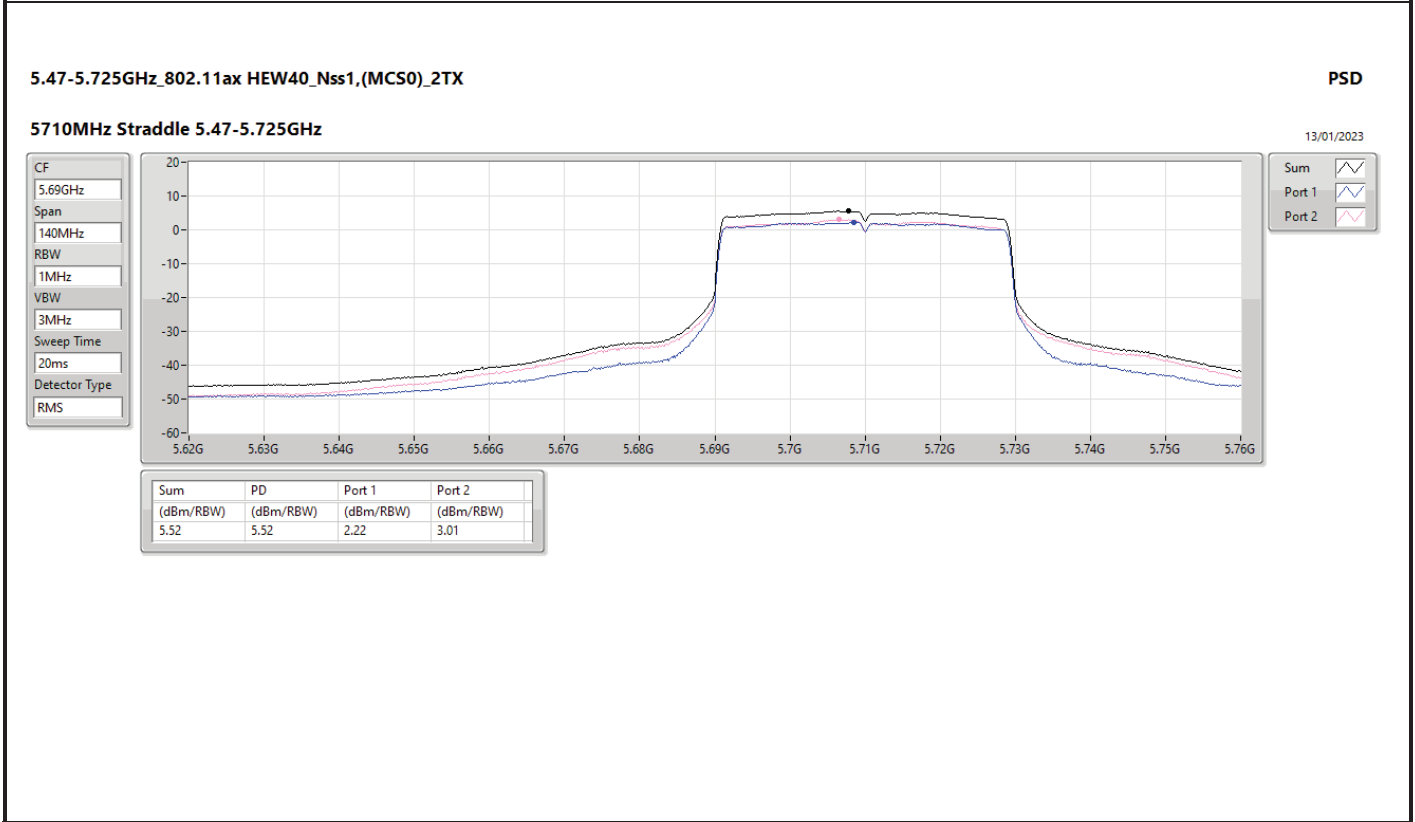
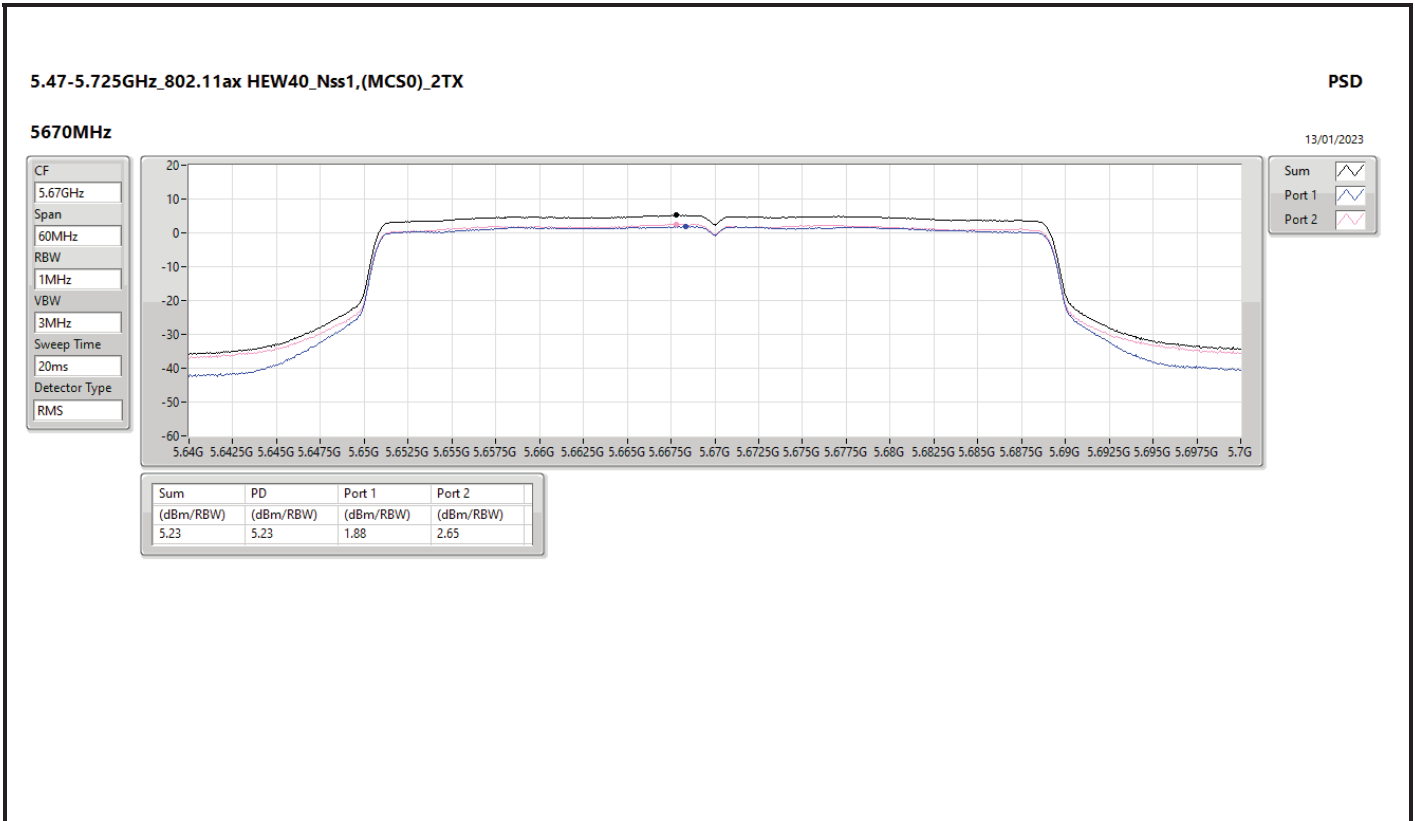


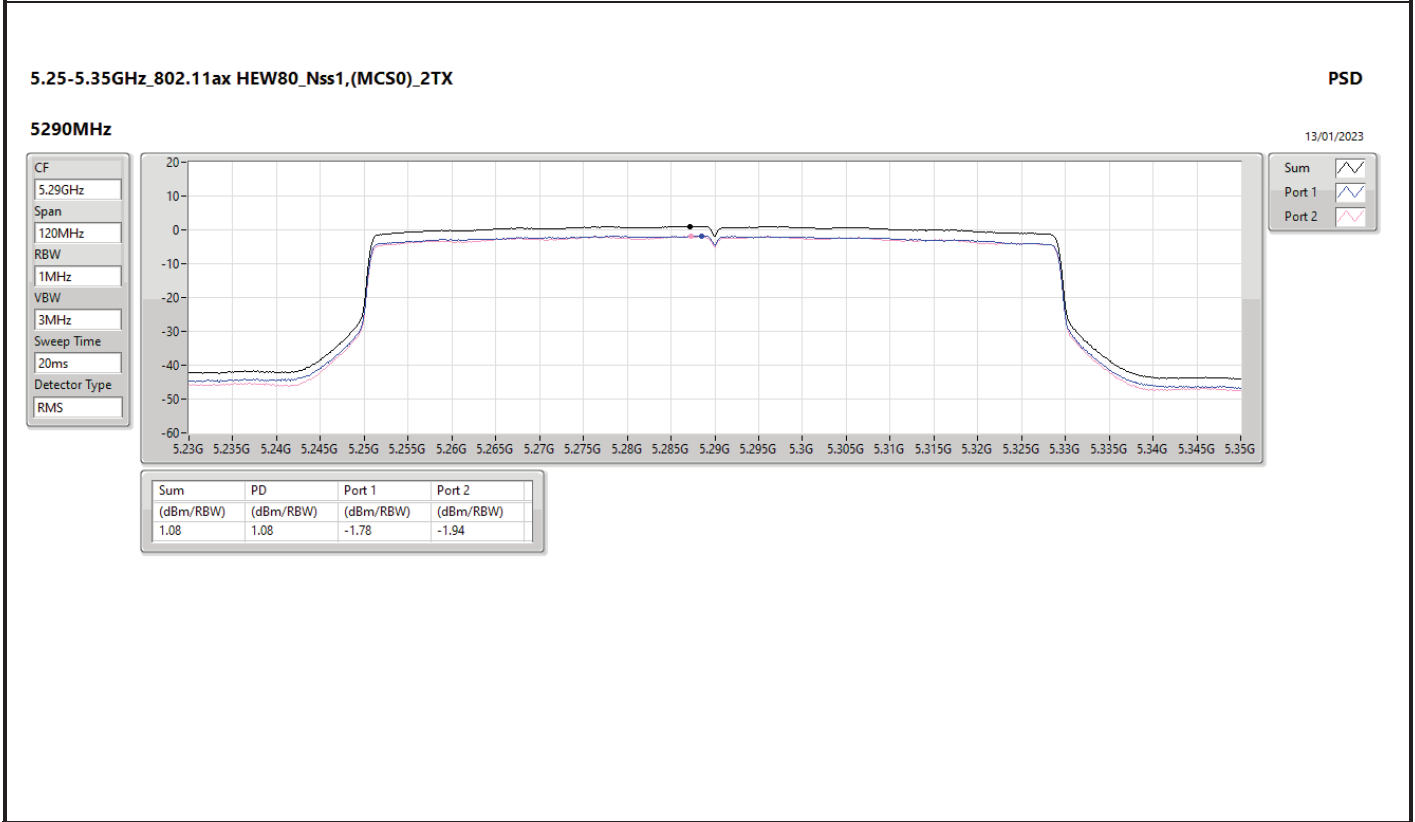
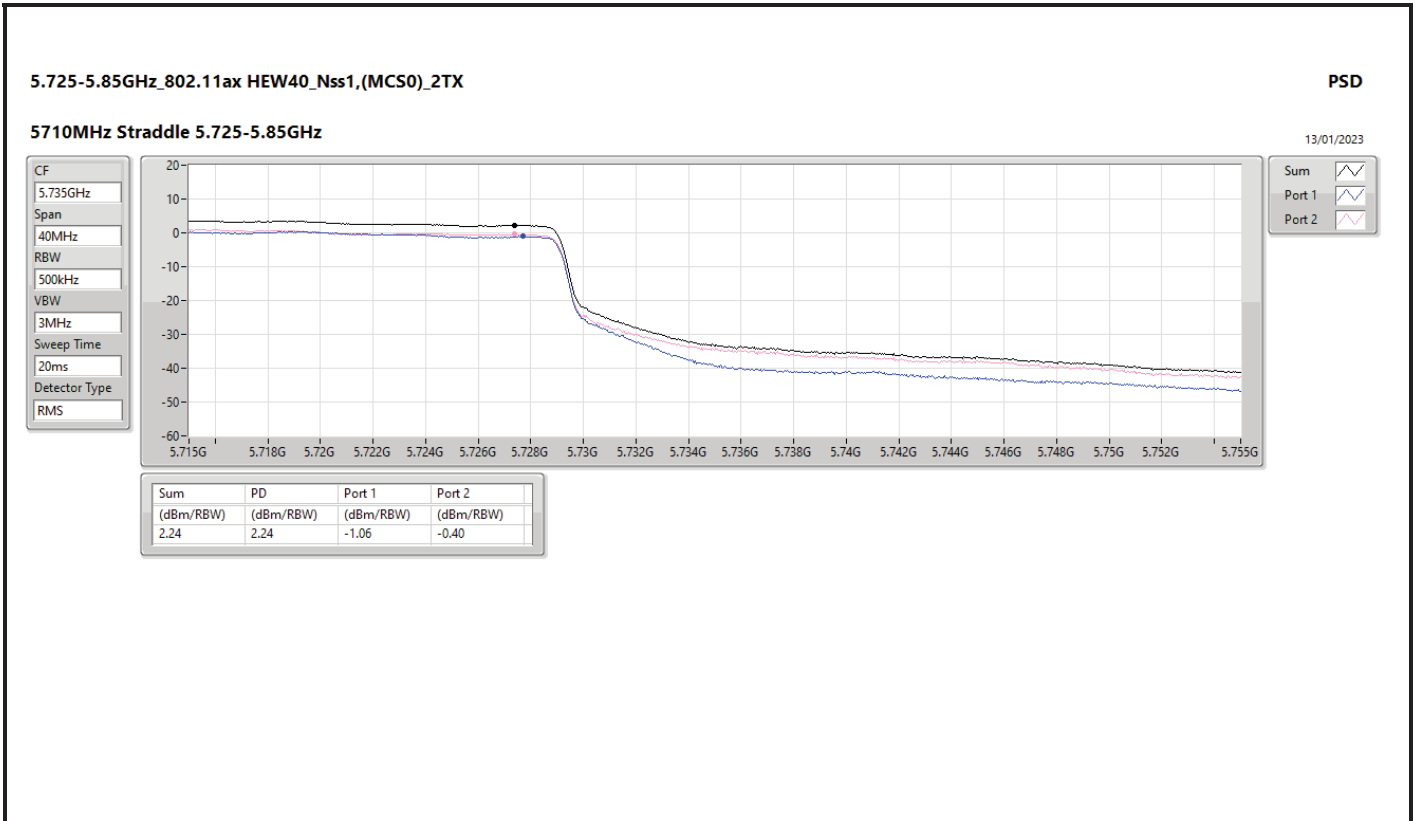


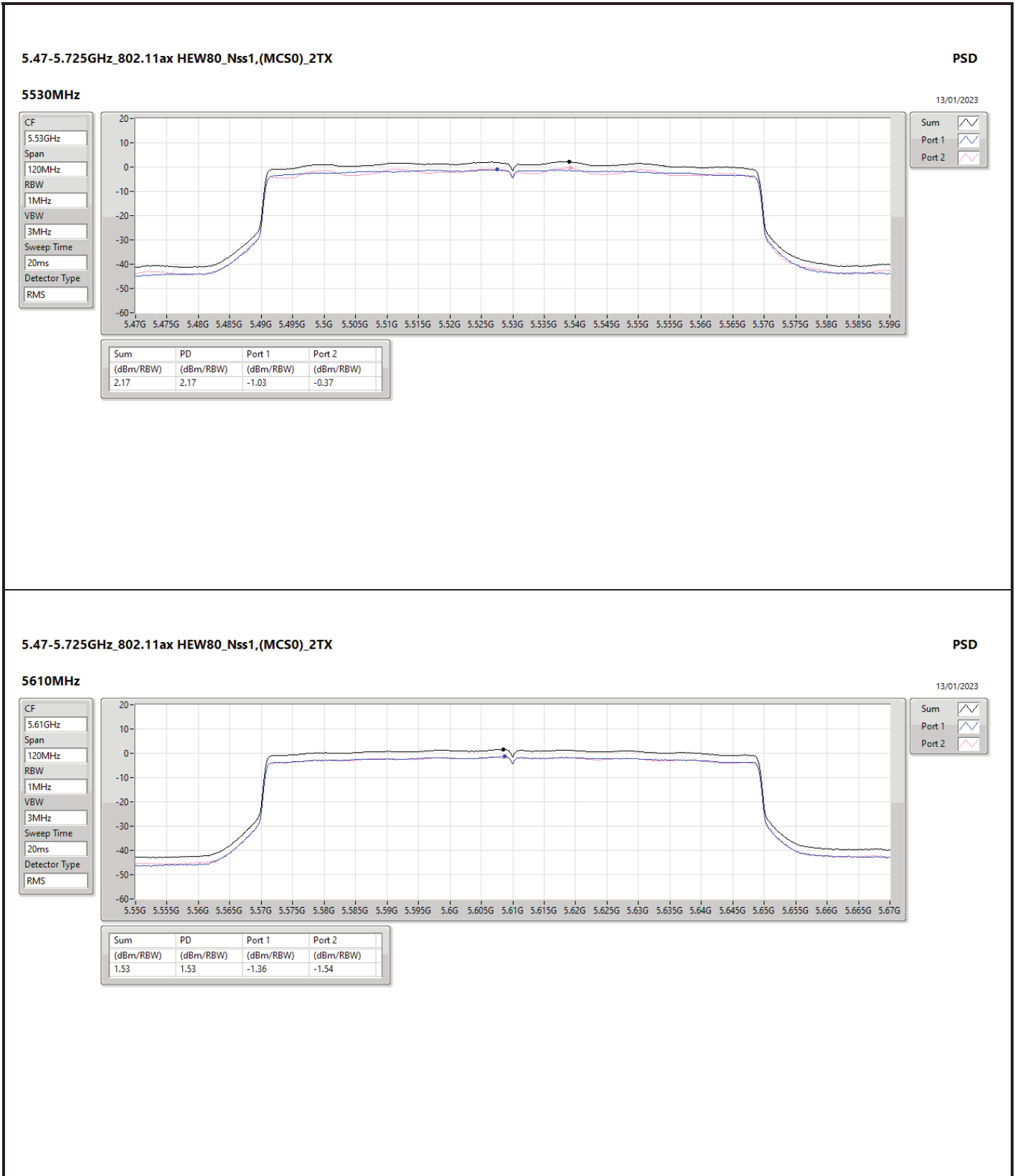


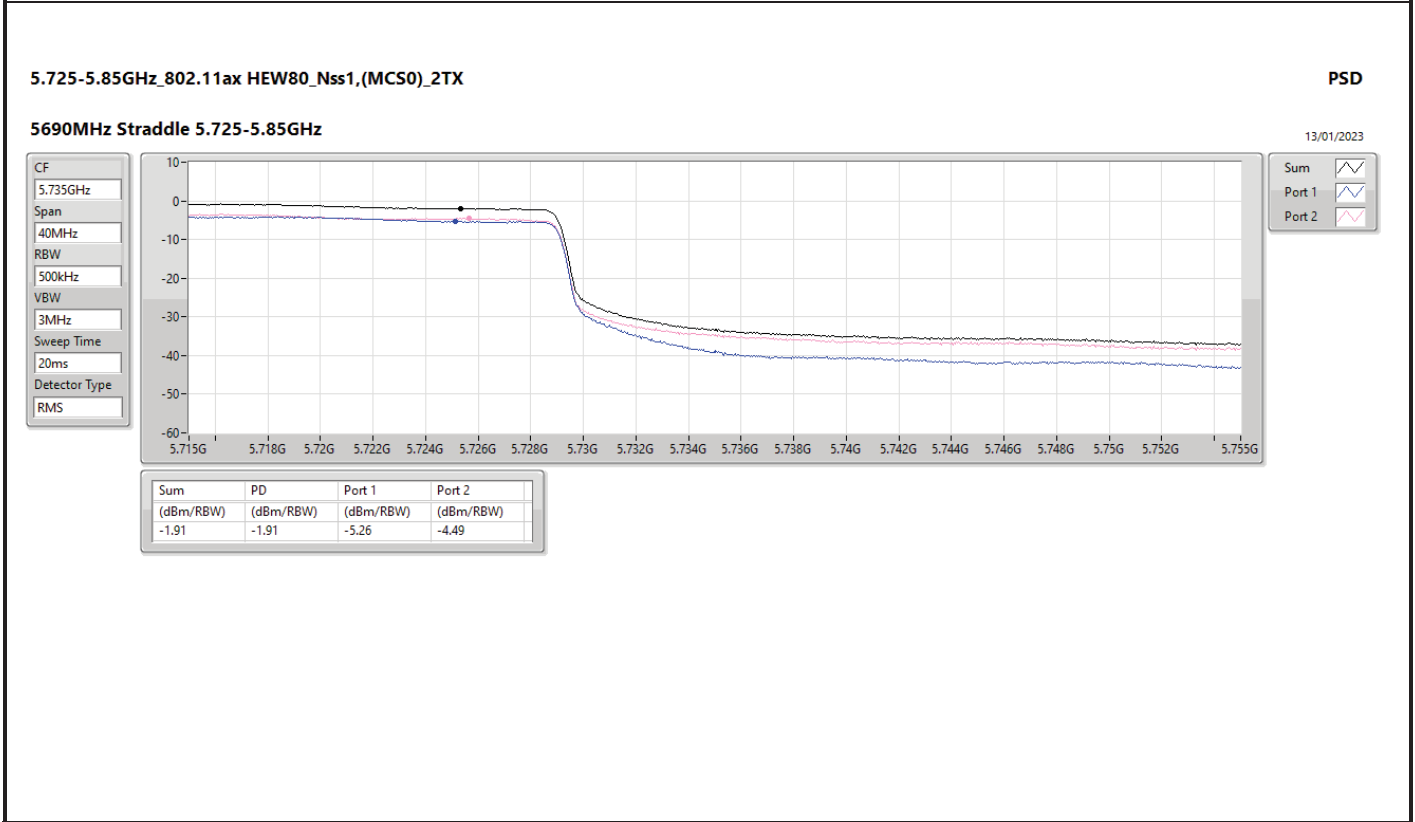
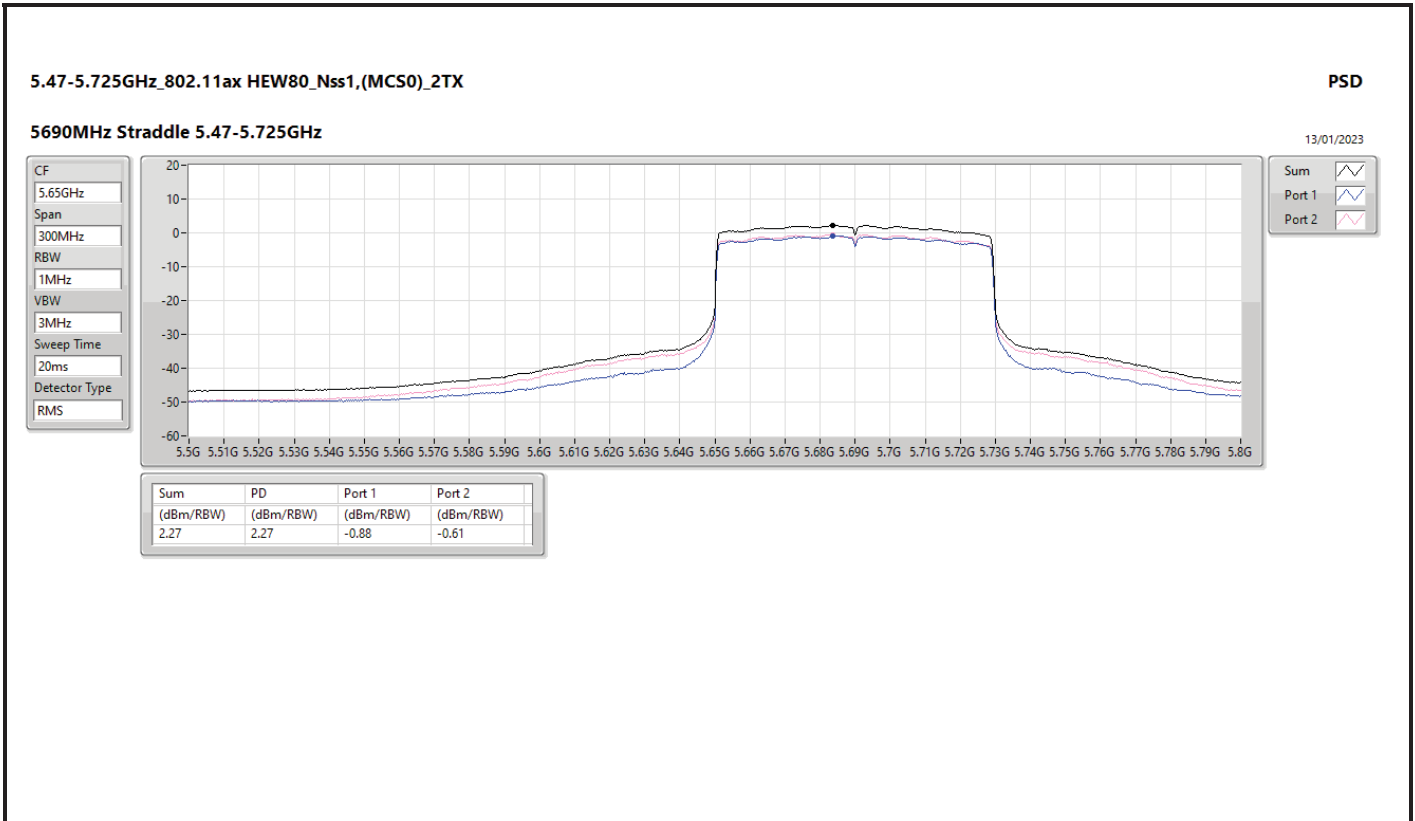














Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	-2.99	6.13
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.65	16.77
802.11ax HEW20_Nss1,(MCS0)_2TX	7.82	16.94
802.11ax HEW40_Nss1,(MCS0)_2TX	4.32	13.44
802.11ax HEW80_Nss1,(MCS0)_2TX	0.22	9.34
802.11ax HEW160_Nss1,(MCS0)_2TX	-3.03	6.09
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.82	16.94
802.11ax HEW20_Nss1,(MCS0)_2TX	7.84	16.96
802.11ax HEW40_Nss1,(MCS0)_2TX	4.62	13.74
802.11ax HEW80_Nss1,(MCS0)_2TX	1.81	10.93
802.11ax HEW160_Nss1,(MCS0)_2TX	-3.07	6.05
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	5.86	14.98
802.11ax HEW20_Nss1,(MCS0)_2TX	5.80	14.92
802.11ax HEW40_Nss1,(MCS0)_2TX	1.87	10.99
802.11ax HEW80_Nss1,(MCS0)_2TX	-1.61	7.51

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)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.12	4.37	4.95	7.58	7.88	16.70	17.00
5300MHz	Pass	9.12	4.55	4.82	7.65	7.88	16.77	17.00
5320MHz	Pass	9.12	4.66	4.48	7.48	7.88	16.60	17.00
5500MHz	Pass	9.12	4.92	4.90	7.82	7.88	16.94	17.00
5580MHz	Pass	9.12	4.24	4.80	7.47	7.88	16.59	17.00
5700MHz	Pass	9.12	3.76	4.35	7.04	7.88	16.16	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.12	4.38	4.94	7.66	7.88	16.78	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.12	2.51	3.22	5.86	26.88	14.98	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.12	4.66	5.29	7.82	7.88	16.94	17.00
5300MHz	Pass	9.12	4.68	5.10	7.81	7.88	16.93	17.00
5320MHz	Pass	9.12	4.60	4.65	7.56	7.88	16.68	17.00
5500MHz	Pass	9.12	4.21	4.17	7.12	7.88	16.24	17.00
5580MHz	Pass	9.12	4.64	5.19	7.84	7.88	16.96	17.00
5700MHz	Pass	9.12	3.20	3.94	6.51	7.88	15.63	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.12	4.36	4.95	7.66	7.88	16.78	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.12	2.54	3.08	5.80	26.88	14.92	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	9.12	1.20	1.65	4.32	7.88	13.44	17.00
5310MHz	Pass	9.12	0.11	0.25	3.17	7.88	12.29	17.00
5510MHz	Pass	9.12	-0.25	-0.31	2.68	7.88	11.80	17.00
5550MHz	Pass	9.12	1.24	1.58	4.34	7.88	13.46	17.00
5670MHz	Pass	9.12	1.44	1.97	4.62	7.88	13.74	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.12	1.20	1.80	4.42	7.88	13.54	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.12	-1.42	-0.86	1.87	26.88	10.99	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.12	-2.93	-2.51	0.22	7.88	9.34	17.00
5530MHz	Pass	9.12	-4.05	-3.82	-0.95	7.88	8.17	17.00
5610MHz	Pass	9.12	-1.54	-1.08	1.64	7.88	10.76	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.12	-0.82	-0.35	1.81	7.88	10.93	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.12	-4.86	-4.30	-1.61	26.88	7.51	36.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.12	-6.22	-5.59	-2.99	13.88	6.13	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	9.12	-6.31	-5.72	-3.03	7.88	6.09	17.00
5570MHz	Pass	9.12	-6.23	-5.81	-3.07	7.88	6.05	17.00

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;

