

FCC Radio Test Report

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

The product was received on Nov. 25, 2022, and testing was started from Dec. 01, 2022 and completed on Apr. 18, 2023. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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PHOTOGRAPHS OF EUT V01



History of this test report

Report No.	Version	Description	Issued Date
FR2N2441AN	01	Initial issue of report	Apr. 17, 2023
FR2N2441AN	02	Update Co-location (This report is the latest version replacing for the report issued on Apr. 17, 2023)	Apr. 26, 2023



Summary of Test Result

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

Declaration of Conformity:

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

Comments and explanations:

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

Non-Beamforming_Radio 0

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



Band	Mode	BWch (MHz)	Nant
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_Radio 2

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX
5.25-5.35GHz	802.11a	20	1TX
5.47-5.725GHz	802.11a	20	1TX
5.725-5.85GHz	802.11a	20	1TX
5.15-5.25GHz	802.11ax HEW20	20	1TX
5.25-5.35GHz	802.11ax HEW20	20	1TX
5.47-5.725GHz	802.11ax HEW20	20	1TX
5.725-5.85GHz	802.11ax HEW20	20	1TX
5.15-5.25GHz	802.11ax HEW40	40	1TX
5.25-5.35GHz	802.11ax HEW40	40	1TX
5.47-5.725GHz	802.11ax HEW40	40	1TX
5.725-5.85GHz	802.11ax HEW40	40	1TX
5.15-5.25GHz	802.11ax HEW80	80	1TX
5.25-5.35GHz	802.11ax HEW80	80	1TX
5.47-5.725GHz	802.11ax HEW80	80	1TX
5.725-5.85GHz	802.11ax HEW80	80	1TX

Beamforming_Radio 0

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



Note:

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Remark
1	Juniper	X51209900486_1	PIFA	I-PEX	Radio 1_2.4G+Radio 1_6G
2	Juniper	X51209900486_2	PIFA	I-PEX	Radio 0_5G+ Radio 4_BT/Thread/Zigbee
3	Juniper	X51209900486_3	PIFA	I-PEX	Radio 1_2.4G+Radio 0_5G
4	Juniper	X51209900486_4	PIFA	I-PEX	Radio 2_2.4G+Radio 1_6G
5	Juniper	X51209900486_5	PIFA	I-PEX	Radio 2_2.4G+ Radio 2_5G+Radio 2_6G

Ant.	Gain (dBi)						
	Radio 0	Radio 1		Radio 2			Radio 4
	5G	2.4G	6G	2.4G	5G	6G	BT/Thread/Zigbee
1	-	3.04	5.11	-	-	-	-
2	3.66	-	-	-	-	-	2.21
3	3	2.14	-	-	-	-	-
4	-	-	4.55	2.5	-	-	-
5	-	-	-	2.1	3.34	3.16	-

	Composite Gain (dBi)								
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	6.175G	6.475G	6.695G	6.995G
DG [1SS] Ant.1 & Ant.3	3.46	-	-	-	-	-	-	-	-
DG [1SS] Ant.4 & Ant.5	3.71	-	-	-	-	-	-	-	-
DG [1SS] Ant.2 & Ant.3	-	4.12	3.86	4.67	5.22	-	-	-	-
DG [1SS] Ant.1 & Ant.4	-	-	-	-	-	4.39	3.31	4.45	5.16

Note 1: The EUT has five antennas.

For 2.4GHz function:

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

Ant. 5 could transmit/receive.



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

For IEEE 802.11 b/g/n/VHT/ax mode (2TX/2RX) (Radio 2)
Ant. 4 and Ant. 5 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode (1TX/1RX) (Radio 2)
Ant. 5 could transmit/receive.

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

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX) (Radio 4)
Ant. 2 could transmit/receive.

For 6GHz function:

For IEEE 802.11 a/ax mode (1TX/1RX) (Radio 2)
Ant. 5 could transmit/receive.

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

For Thread function:

For Thread mode (1TX/1RX) (Radio 4)
Ant. 2 could transmit/receive.

For Zigbee function:

For Zigbee mode (1TX/1RX) (Radio 4)
Ant. 2 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
	<input type="checkbox"/>	Fixed P2P AP	<input type="checkbox"/>	Client
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_Radio 0

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_2TX	0.95	0.22	2.065m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.979	0.09	1.488m	1k
802.11ax HEW40_Nss1,(MCS0)_2TX	0.962	0.17	780.625u	3k
802.11ax HEW80_Nss1,(MCS0)_2TX	0.928	0.32	413.75u	3k

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

Non-Beamforming_Radio 2

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_1TX	0.957	0.19	2.064m	1k
802.11ax HEW20_Nss1,(MCS0)_1TX	0.979	0.09	1.488m	1k
802.11ax HEW40_Nss1,(MCS0)_1TX	0.963	0.16	780.625u	3k
802.11ax HEW80_Nss1,(MCS0)_1TX	0.926	0.33	413.438u	3k

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

Beamforming_Radio 0

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.979	0.09	1.488m	1k
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.962	0.17	780.625u	3k
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.928	0.32	413.75u	3k

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



1.2 Testing Applied Standards

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

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

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

- ◆ KDB 662911 D01 v02r01
- ◆ KDB 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
AC Conduction	CO04-HY	Wayne	21.2~22.7°C / 52~56%	04/Jan/2023
RF Conducted	TH01-HY	Johnny	20.9~22.3°C / 51~55%	01/Dec/2022~21/Feb/2023
Radiated(Co-location) Mode 7~14	03CH03-HY	Edward	20.5~20.8°C / 58~59%	18/Apr/2023
<input checked="" type="checkbox"/>	Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)		
		TEL: 886-3-318-0787	FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH09-HY	Lego	20.9~21.4°C / 59~66%	02/Dec/2022~14/Dec/2022
Radiated(Co-location) Mode 1~6, Mode 15~18	03CH09-HY	Henry	20.1~22.4°C / 58~68%	06/Jan/2023~18/Apr/2023

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Emission Bandwidth	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	AccessMTool_REL_3_2_1_3
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Non-Beamforming_Radio 0

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	78
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	75
5580MHz	80
5700MHz	69
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	74
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	76
5500MHz	79
5580MHz	80
5700MHz	60
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	67



Mode	Power Setting
5230MHz	80
5270MHz	80
5310MHz	66
5510MHz	74
5550MHz	80
5670MHz	70
5710MHz Straddle 5.47-5.725GHz	80
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80
5795MHz	80
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	63
5290MHz	64
5530MHz	71
5610MHz	80
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80

Non-Beamforming_Radio 2

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	69
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	73
5500MHz	72
5580MHz	80
5700MHz	60
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5180MHz	66
5200MHz	80



Mode	Power Setting
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	70
5500MHz	70
5580MHz	80
5700MHz	63
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5190MHz	60
5230MHz	76
5270MHz	77
5310MHz	59
5510MHz	62
5550MHz	80
5670MHz	71
5710MHz Straddle 5.47-5.725GHz	80
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80
5795MHz	80
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5210MHz	61
5290MHz	59
5530MHz	64
5610MHz	80
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80






Beamforming_Radio 0

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	74
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	76
5500MHz	79
5580MHz	80
5700MHz	60
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	67
5230MHz	80
5270MHz	80
5310MHz	66
5510MHz	74
5550MHz	80
5670MHz	70
5710MHz Straddle 5.47-5.725GHz	80
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80
5795MHz	80
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	63
5290MHz	64
5530MHz	71
5610MHz	80
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80

2.2 The Worst Case Measurement Configuration

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum 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		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT		Y	



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



2.3 Accessories

Accessories					
Bracket	Brand Name	JUNIPER	Model Name	APBR-U	

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

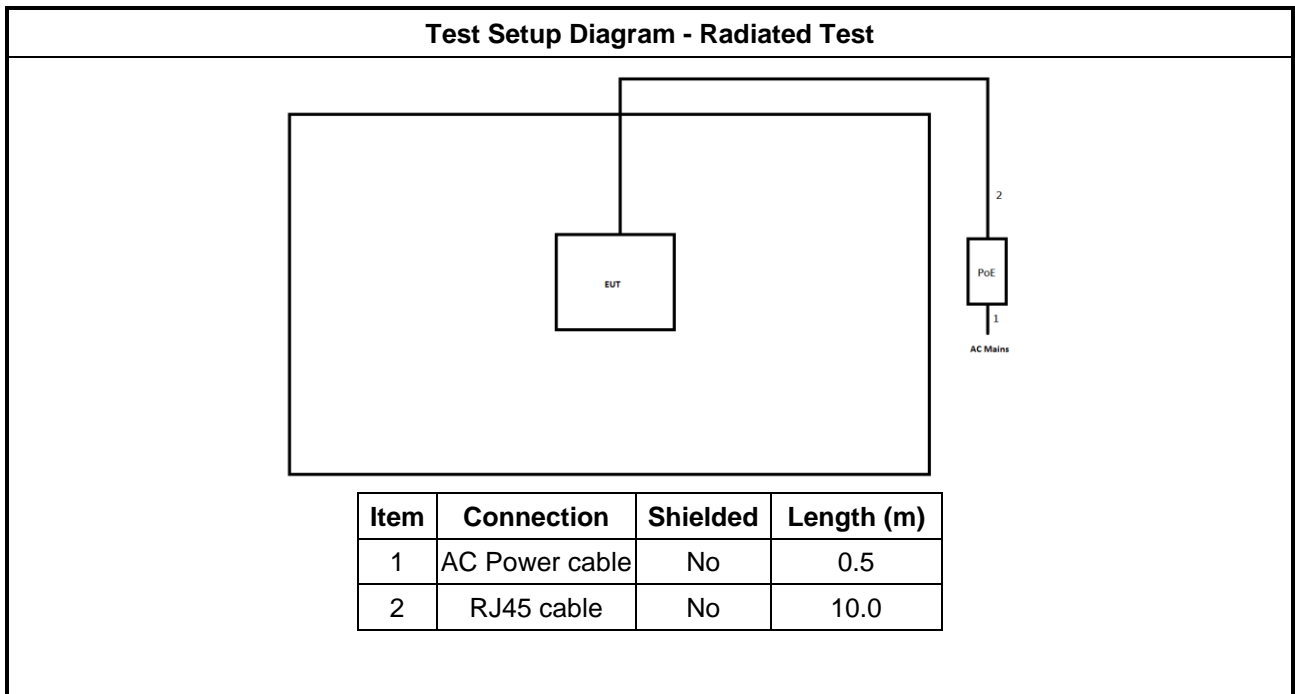
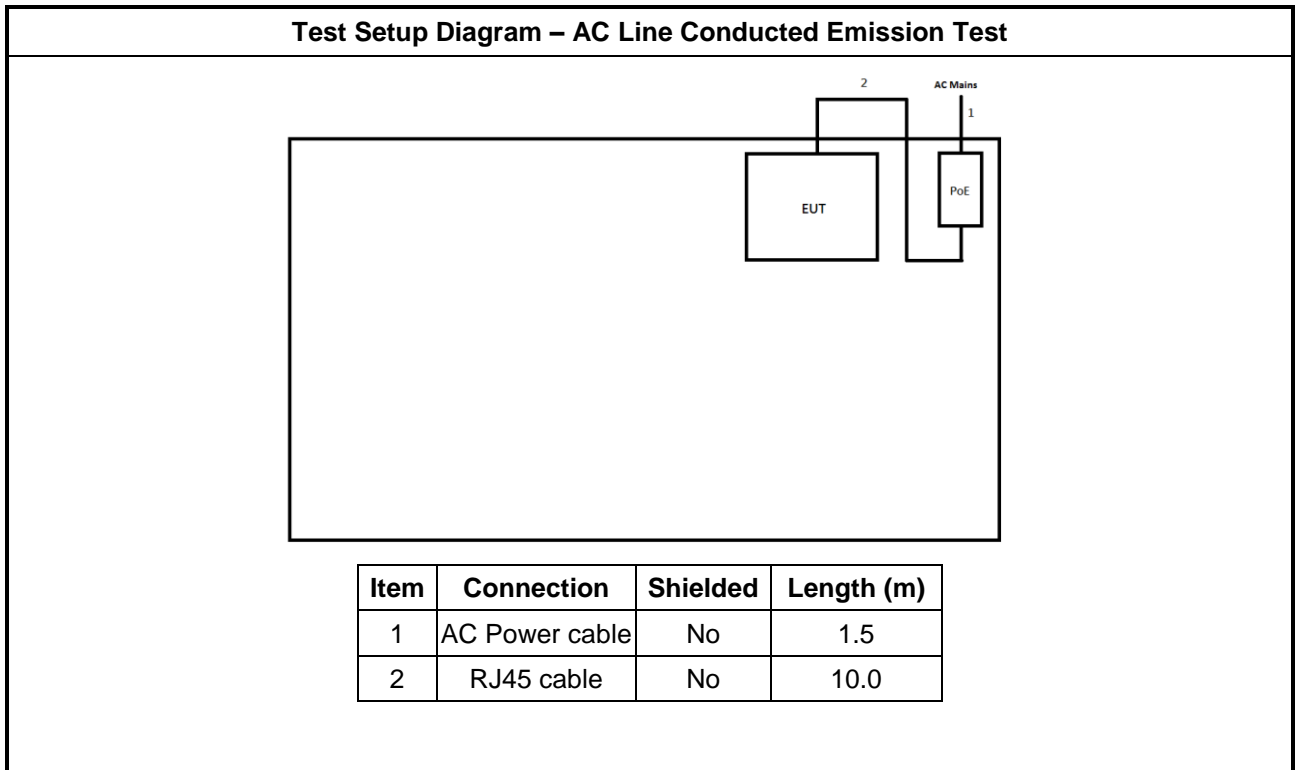
2.4 Support Equipment

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

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

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

2.5 Test Setup Diagram





3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

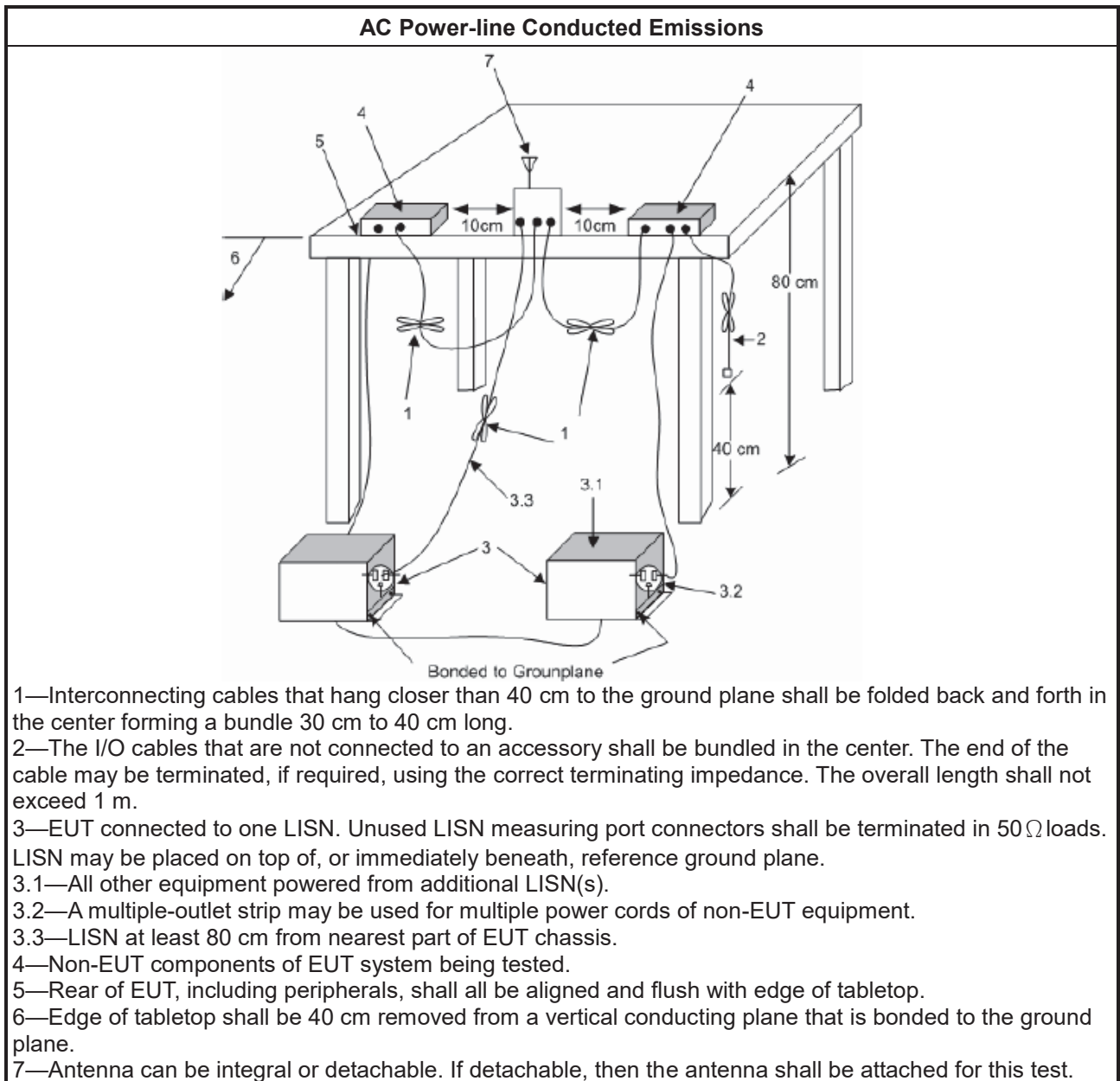
Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
<input checked="" type="checkbox"/>	For the 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.

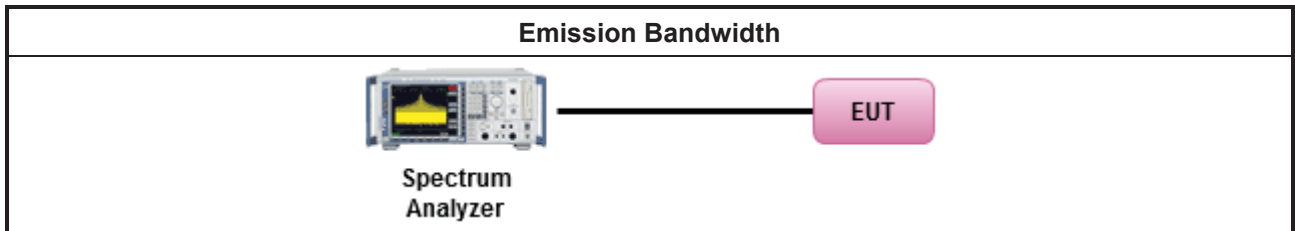
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 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 ≤ 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.	

3.3.2 Measuring Instruments

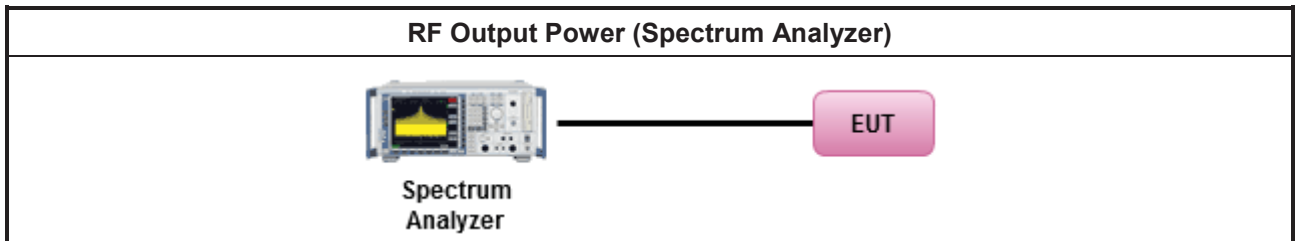
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

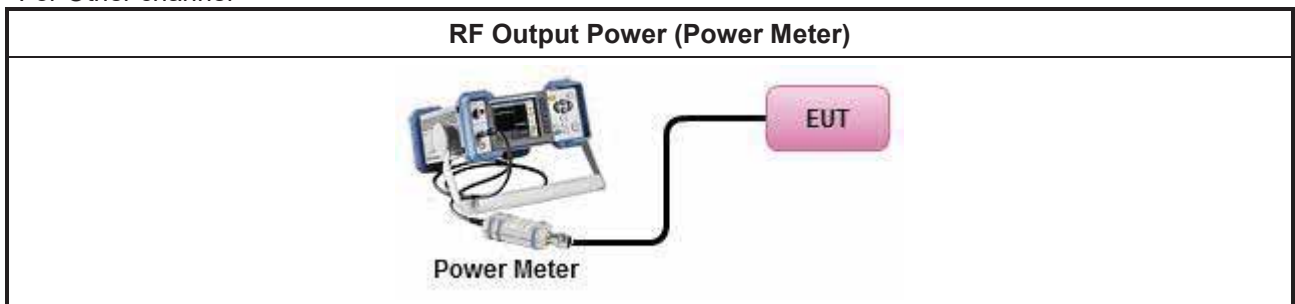
Test Method	
<ul style="list-style-type: none"> Maximum Conducted Output Power 	
	Duty cycle $\geq 98\%$
<input type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause E Method PM (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.
	<ul style="list-style-type: none"> If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

For Straddle channel



For Other channel



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
<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 G_{TX} = the maximum transmitting antenna directional gain in dBi.</p>	

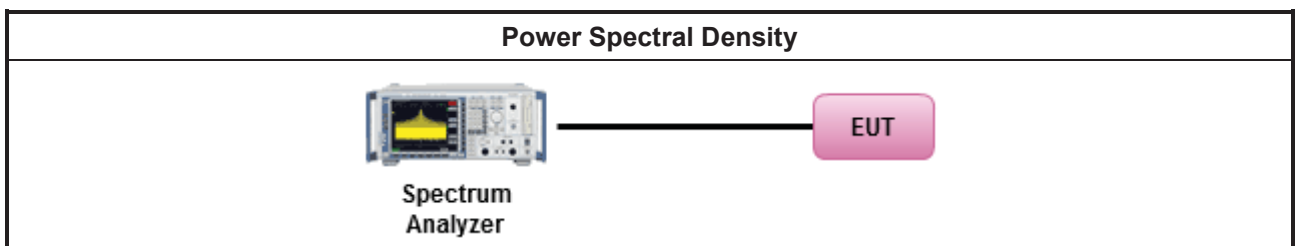
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options: 	
<input type="checkbox"/>	Refer as KDB 789033, 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]) $EIRP_{total} = PPSD_{total} + DG$ 	

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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



3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

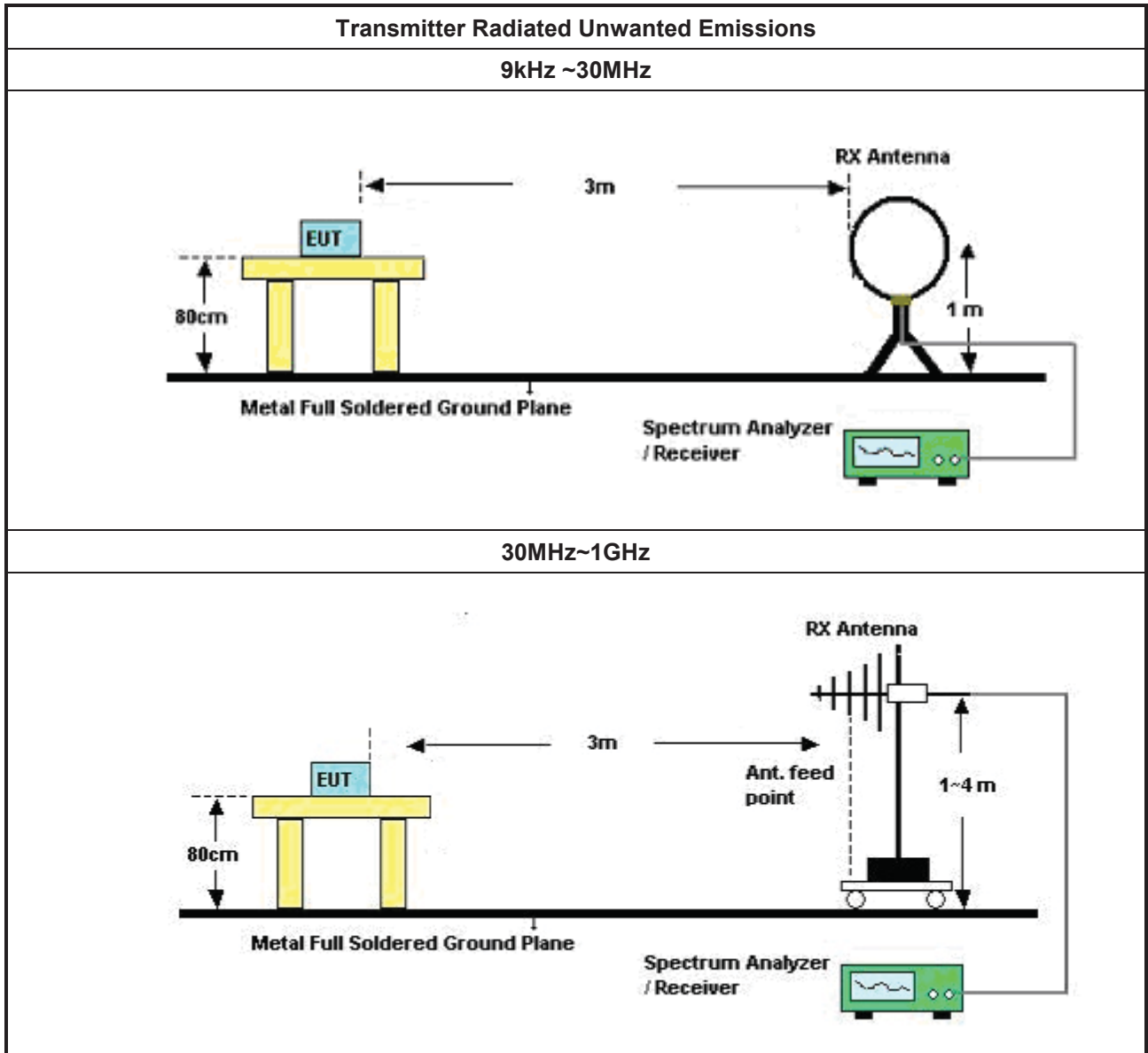
Test Method	
<ul style="list-style-type: none"> Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance 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. <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. 	
<ul style="list-style-type: none"> All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported. 	
<ul style="list-style-type: none"> Use the following spectrum analyzer settings: <ul style="list-style-type: none"> Set RBW=100 kHz for f < 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold. 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. 	

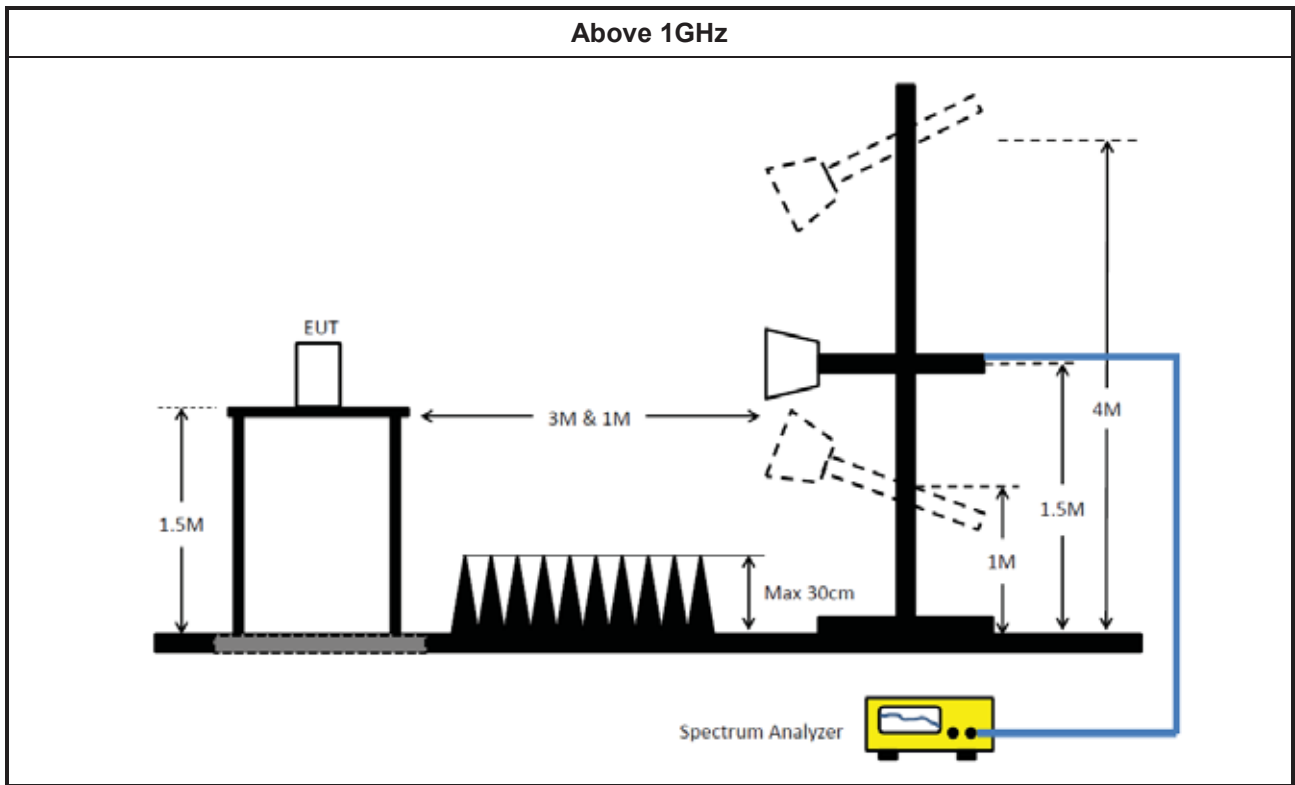
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102051	9kHz ~ 3.6GHz	13/May/2022	12/May/2023
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	18/Feb/2022	17/Feb/2023
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	01/Mar/2022	28/Feb/2023
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	25/Oct/2022	24/Oct/2023
Software	Sporton	SENSE-EMI	V5.10.8.7	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	01/Apr/2022	31/Mar/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2022	20/Oct/2023
Pulse Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	21/Feb/2022	20/Feb/2023
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	21/Feb/2022	20/Feb/2023
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	14/Dec/2022	13/Dec/2023
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	14/Dec/2022	13/Dec/2023
SENSE-15407_NII	Sporton	V5.10.8.9	N/A	N/A	N/A	N/A



Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	25/Mar/2022	24/Mar/2023
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2022	10/Aug/2023
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	08/Apr/2022	07/Apr/2023
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	22/Jul/2022	21/Jul/2023
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	28/Aug/2022	27/Aug/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	27/Dec/2021	26/Dec/2022
RF Cable-low	Jye Bao	RG142	03CH09-cable-01	9kHz~30MHz	09/Dec/2022	08/Dec/2023
RF Cable-low	Jye Bao	RG142	03CH09-cable-01	30MHz~1GHz	09/Dec/2022	08/Dec/2023
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	17/Aug/2022	16/Aug/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	02/Nov/2022	01/Nov/2023
SENSE-15407-NII	Sporton	NA	5.10.8.8	NA	NA	NA

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

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	02/Aug/2022	01/Aug/2023
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	26/Oct/2022	25/Oct/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz ~18GHz	27/Sep/2022	26/Sep/2023
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	03CH03-cable-01	1GHz~40GHz	27/Jul/2022	26/Jul/2023
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	14/Jul/2022	13/Jul/2023
SENSE-15407	Sporton	5.10.8.7	NA	NA	NA	NA



Instrument for Radiated Test (Co-location_ 03CH09-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
Site V.S.W.R	Riken	SAC-3M	03CH09-HY	1GHz~18GHz 3m	14/Mar/2023	13/Mar/2024
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2022	10/Aug/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1534	1GHz~18GHz	16/Mar/2022	15/Mar/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	30/Dec/2022	29/Dec/2023
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	22/Jul/2022	21/Jul/2023
RF CABLE 5m+3m+1m	HUBER+SUHNE R	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	17/Aug/2022	16/Aug/2023
RF CABLE 5m+3m+1m	HUBER+SUHNE R	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	21/Feb/2023	20/Feb/2024
SENSE-15407	Sporton	NA	5.10.8.7	NA	NA	NA



Summary

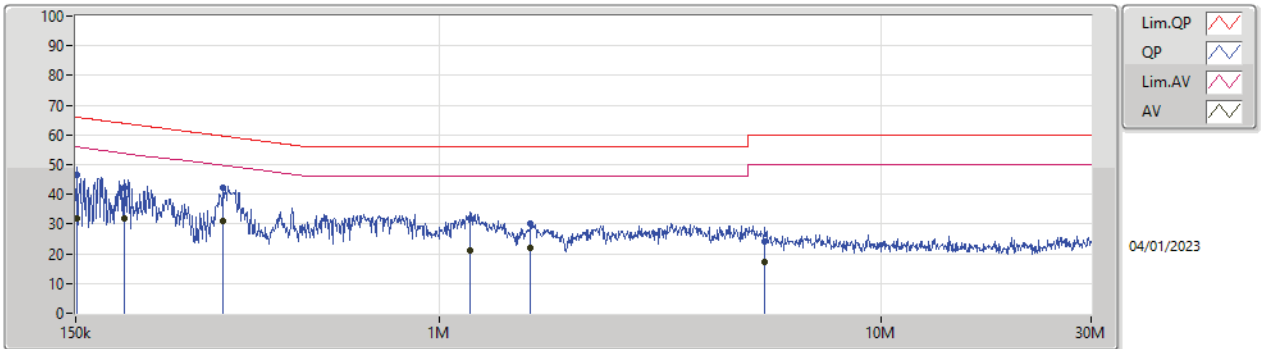
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	345.491k	33.92	49.08	-15.16	Neutral



Result

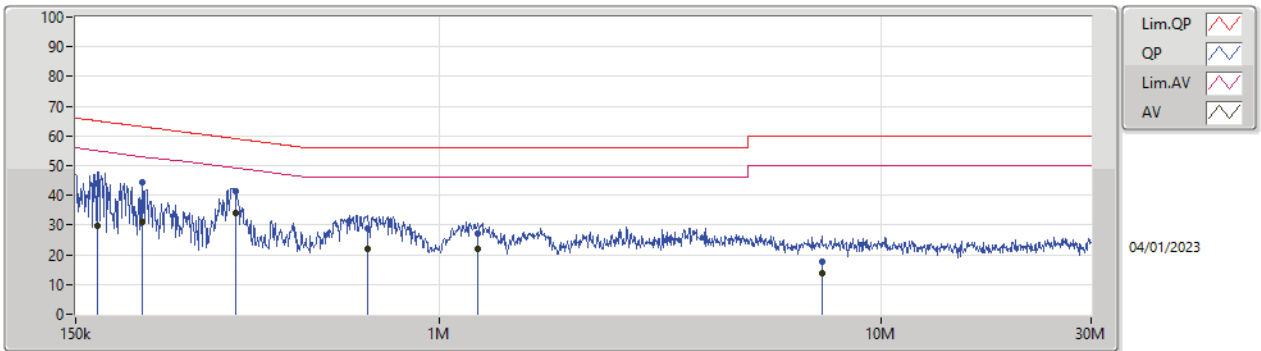
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	151.202k	46.62	65.92	-19.30	Line	-
Mode 1	Pass	AV	151.202k	31.77	55.92	-24.15	Line	-
Mode 1	Pass	QP	192.892k	42.07	63.92	-21.85	Line	-
Mode 1	Pass	AV	192.892k	31.96	53.92	-21.96	Line	-
Mode 1	Pass	QP	324.114k	42.16	59.59	-17.43	Line	-
Mode 1	Pass	AV	324.114k	31.25	49.59	-18.34	Line	-
Mode 1	Pass	QP	1.177M	32.09	56.00	-23.91	Line	-
Mode 1	Pass	AV	1.177M	21.04	46.00	-24.96	Line	-
Mode 1	Pass	QP	1.613M	30.22	56.00	-25.78	Line	-
Mode 1	Pass	AV	1.613M	22.08	46.00	-23.92	Line	-
Mode 1	Pass	QP	5.472M	24.08	60.00	-35.92	Line	-
Mode 1	Pass	AV	5.472M	17.27	50.00	-32.73	Line	-
Mode 1	Pass	QP	168.41k	44.13	65.04	-20.91	Neutral	-
Mode 1	Pass	AV	168.41k	29.90	55.04	-25.14	Neutral	-
Mode 1	Pass	QP	212.287k	44.20	63.11	-18.91	Neutral	-
Mode 1	Pass	AV	212.287k	30.94	53.11	-22.17	Neutral	-
Mode 1	Pass	QP	345.491k	41.29	59.08	-17.79	Neutral	-
Mode 1	Pass	AV	345.491k	33.92	49.08	-15.16	Neutral	-
Mode 1	Pass	QP	689.239k	28.86	56.00	-27.14	Neutral	-
Mode 1	Pass	AV	689.239k	22.09	46.00	-23.91	Neutral	-
Mode 1	Pass	QP	1.225M	26.98	56.00	-29.02	Neutral	-
Mode 1	Pass	AV	1.225M	21.94	46.00	-24.06	Neutral	-
Mode 1	Pass	QP	7.353M	17.59	60.00	-42.41	Neutral	-
Mode 1	Pass	AV	7.353M	13.85	50.00	-36.15	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	151.202k	46.62	65.92	-19.30	19.65	Line	-	26.97	9.69	0.03	9.93
AV	151.202k	31.77	55.92	-24.15	19.65	Line	-	12.12	9.69	0.03	9.93
QP	192.892k	42.07	63.92	-21.85	19.65	Line	-	22.42	9.69	0.03	9.93
AV	192.892k	31.96	53.92	-21.96	19.65	Line	-	12.31	9.69	0.03	9.93
QP	324.114k	42.16	59.59	-17.43	19.67	Line	-	22.49	9.68	0.04	9.95
AV	324.114k	31.25	49.59	-18.34	19.67	Line	-	11.58	9.68	0.04	9.95
QP	1.177M	32.09	56.00	-23.91	19.68	Line	-	12.41	9.68	0.06	9.94
AV	1.177M	21.04	46.00	-24.96	19.68	Line	-	1.36	9.68	0.06	9.94
QP	1.613M	30.22	56.00	-25.78	19.70	Line	-	10.52	9.69	0.07	9.94
AV	1.613M	22.08	46.00	-23.92	19.70	Line	-	2.38	9.69	0.07	9.94
QP	5.472M	24.08	60.00	-35.92	19.83	Line	-	4.25	9.74	0.15	9.94
AV	5.472M	17.27	50.00	-32.73	19.83	Line	-	-2.56	9.74	0.15	9.94

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	168.41k	44.13	65.04	-20.91	19.69	Neutral	-	24.44	9.73	0.03	9.93
AV	168.41k	29.90	55.04	-25.14	19.69	Neutral	-	10.21	9.73	0.03	9.93
QP	212.287k	44.20	63.11	-18.91	19.68	Neutral	-	24.52	9.72	0.03	9.93
AV	212.287k	30.94	53.11	-22.17	19.68	Neutral	-	11.26	9.72	0.03	9.93
QP	345.491k	41.29	59.08	-17.79	19.71	Neutral	-	21.58	9.72	0.04	9.95
AV	345.491k	33.92	49.08	-15.16	19.71	Neutral	-	14.21	9.72	0.04	9.95
QP	689.239k	28.86	56.00	-27.14	19.73	Neutral	-	9.13	9.73	0.05	9.95
AV	689.239k	22.09	46.00	-23.91	19.73	Neutral	-	2.36	9.73	0.05	9.95
QP	1.225M	26.98	56.00	-29.02	19.73	Neutral	-	7.25	9.73	0.06	9.94
AV	1.225M	21.94	46.00	-24.06	19.73	Neutral	-	2.21	9.73	0.06	9.94
QP	7.353M	17.59	60.00	-42.41	19.96	Neutral	-	-2.37	9.85	0.16	9.95
AV	7.353M	13.85	50.00	-36.15	19.96	Neutral	-	-6.11	9.85	0.16	9.95



Summary

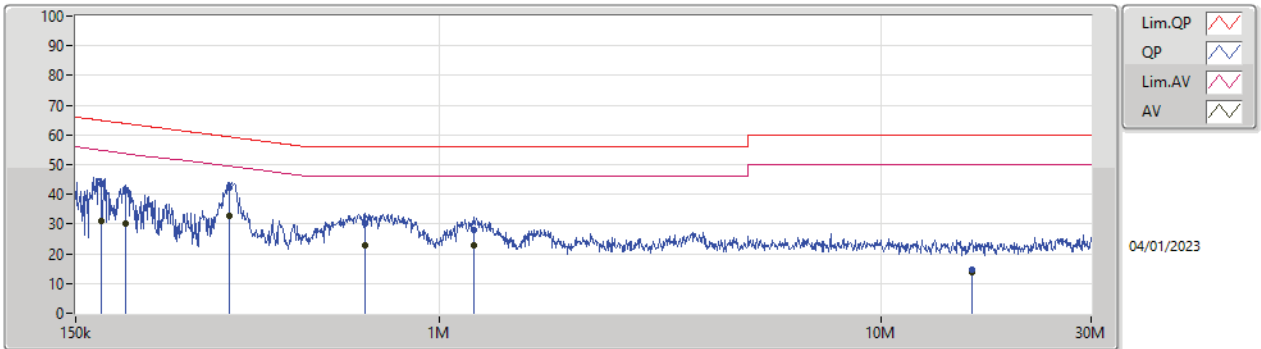
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	338.664k	35.64	49.23	-13.59	Neutral



Result

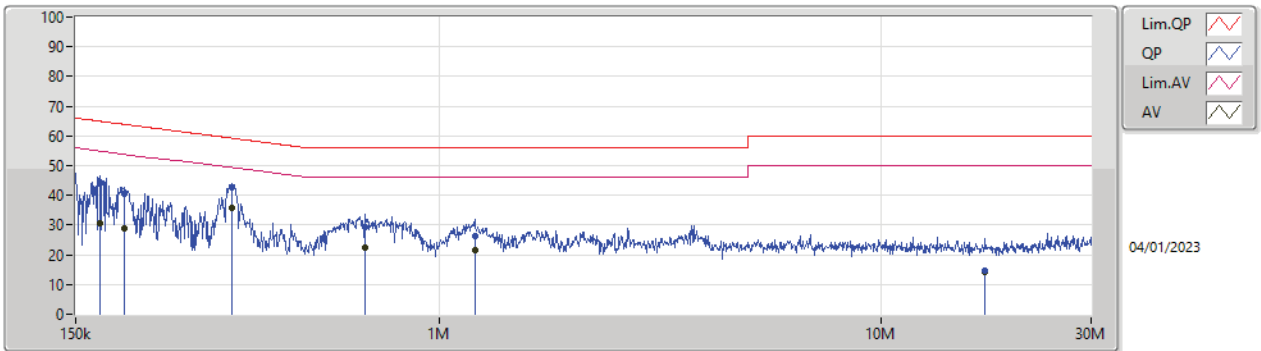
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	171.121k	43.46	64.91	-21.45	Line	-
Mode 1	Pass	AV	171.121k	31.18	54.91	-23.73	Line	-
Mode 1	Pass	QP	195.216k	41.28	63.80	-22.52	Line	-
Mode 1	Pass	AV	195.216k	30.17	53.80	-23.63	Line	-
Mode 1	Pass	QP	334.632k	42.11	59.33	-17.22	Line	-
Mode 1	Pass	AV	334.632k	32.93	49.33	-16.40	Line	-
Mode 1	Pass	QP	681.033k	30.10	56.00	-25.90	Line	-
Mode 1	Pass	AV	681.033k	22.99	46.00	-23.01	Line	-
Mode 1	Pass	QP	1.196M	27.90	56.00	-28.10	Line	-
Mode 1	Pass	AV	1.196M	22.83	46.00	-23.17	Line	-
Mode 1	Pass	QP	16.144M	14.79	60.00	-45.21	Line	-
Mode 1	Pass	AV	16.144M	13.85	50.00	-36.15	Line	-
Mode 1	Pass	QP	169.76k	43.93	64.97	-21.04	Neutral	-
Mode 1	Pass	AV	169.76k	30.70	54.97	-24.27	Neutral	-
Mode 1	Pass	QP	192.892k	40.44	63.92	-23.48	Neutral	-
Mode 1	Pass	AV	192.892k	28.79	53.92	-25.13	Neutral	-
Mode 1	Pass	QP	338.664k	42.46	59.23	-16.77	Neutral	-
Mode 1	Pass	AV	338.664k	35.64	49.23	-13.59	Neutral	-
Mode 1	Pass	QP	681.033k	29.49	56.00	-26.51	Neutral	-
Mode 1	Pass	AV	681.033k	22.37	46.00	-23.63	Neutral	-
Mode 1	Pass	QP	1.205M	26.10	56.00	-29.90	Neutral	-
Mode 1	Pass	AV	1.205M	21.72	46.00	-24.28	Neutral	-
Mode 1	Pass	QP	17.277M	14.80	60.00	-45.20	Neutral	-
Mode 1	Pass	AV	17.277M	14.02	50.00	-35.98	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	171.121k	43.46	64.91	-21.45	19.65	Line	-	23.81	9.69	0.03	9.93
AV	171.121k	31.18	54.91	-23.73	19.65	Line	-	11.53	9.69	0.03	9.93
QP	195.216k	41.28	63.80	-22.52	19.65	Line	-	21.63	9.69	0.03	9.93
AV	195.216k	30.17	53.80	-23.63	19.65	Line	-	10.52	9.69	0.03	9.93
QP	334.632k	42.11	59.33	-17.22	19.67	Line	-	22.44	9.68	0.04	9.95
AV	334.632k	32.93	49.33	-16.40	19.67	Line	-	13.26	9.68	0.04	9.95
QP	681.033k	30.10	56.00	-25.90	19.68	Line	-	10.42	9.68	0.05	9.95
AV	681.033k	22.99	46.00	-23.01	19.68	Line	-	3.31	9.68	0.05	9.95
QP	1.196M	27.90	56.00	-28.10	19.69	Line	-	8.21	9.69	0.06	9.94
AV	1.196M	22.83	46.00	-23.17	19.69	Line	-	3.14	9.69	0.06	9.94
QP	16.144M	14.79	60.00	-45.21	20.02	Line	-	-5.23	9.80	0.25	9.97
AV	16.144M	13.85	50.00	-36.15	20.02	Line	-	-6.17	9.80	0.25	9.97

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	169.76k	43.93	64.97	-21.04	19.69	Neutral	-	24.24	9.73	0.03	9.93
AV	169.76k	30.70	54.97	-24.27	19.69	Neutral	-	11.01	9.73	0.03	9.93
QP	192.892k	40.44	63.92	-23.48	19.68	Neutral	-	20.76	9.72	0.03	9.93
AV	192.892k	28.79	53.92	-25.13	19.68	Neutral	-	9.11	9.72	0.03	9.93
QP	338.664k	42.46	59.23	-16.77	19.71	Neutral	-	22.75	9.72	0.04	9.95
AV	338.664k	35.64	49.23	-13.59	19.71	Neutral	-	15.93	9.72	0.04	9.95
QP	681.033k	29.49	56.00	-26.51	19.73	Neutral	-	9.76	9.73	0.05	9.95
AV	681.033k	22.37	46.00	-23.63	19.73	Neutral	-	2.64	9.73	0.05	9.95
QP	1.205M	26.10	56.00	-29.90	19.73	Neutral	-	6.37	9.73	0.06	9.94
AV	1.205M	21.72	46.00	-24.28	19.73	Neutral	-	1.99	9.73	0.06	9.94
QP	17.277M	14.80	60.00	-45.20	20.19	Neutral	-	-5.39	9.97	0.25	9.97
AV	17.277M	14.02	50.00	-35.98	20.19	Neutral	-	-6.17	9.97	0.25	9.97



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.585M	16.822M	16M8D1D	21.56M	16.734M
802.11ax HEW20_Nss1,(MCS0)_2TX	25.465M	19.14M	19M1D1D	21.505M	19.015M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.7M	37.681M	37M7D1D	39.82M	37.531M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.62M	76.862M	76M9D1D	81.4M	76.862M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.87M	16.8M	16M8D1D	21.23M	16.668M
802.11ax HEW20_Nss1,(MCS0)_2TX	23.815M	19.09M	19M1D1D	21.505M	19.015M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.26M	37.581M	37M6D1D	39.93M	37.531M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.62M	76.862M	76M9D1D	81.4M	76.762M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.725M	16.778M	16M8D1D	15.795M	13.433M
802.11ax HEW20_Nss1,(MCS0)_2TX	26.455M	19.09M	19M1D1D	15.69M	14.558M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.26M	37.581M	37M6D1D	35M	33.653M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.62M	76.862M	76M9D1D	75.75M	72.864M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.445M	17.723M	17M7D1D	3.16M	4.098M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.975M	19.415M	19M4D1D	4.46M	4.758M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.62M	37.931M	37M9D1D	3.74M	4.078M
802.11ax HEW80_Nss1,(MCS0)_2TX	76.56M	77.261M	77M3D1D	3.54M	10.675M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.22M	16.734M	21.615M	16.8M
5200MHz	Pass	Inf	24.42M	16.822M	21.835M	16.822M
5240MHz	Pass	Inf	24.585M	16.778M	21.56M	16.8M
5260MHz	Pass	Inf	23.87M	16.778M	21.505M	16.8M
5300MHz	Pass	Inf	22.055M	16.712M	21.23M	16.756M
5320MHz	Pass	Inf	21.945M	16.668M	21.34M	16.756M
5500MHz	Pass	Inf	21.725M	16.69M	21.45M	16.756M
5580MHz	Pass	Inf	21.725M	16.69M	21.725M	16.778M
5700MHz	Pass	Inf	21.505M	16.668M	21.23M	16.756M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.9M	13.433M	15.795M	13.463M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	4.098M	3.24M	5.017M
5745MHz	Pass	500k	16.335M	16.734M	16.445M	17.173M
5785MHz	Pass	500k	16.335M	16.712M	16.335M	17.723M
5825MHz	Pass	500k	16.335M	16.712M	16.335M	17.151M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.505M	19.065M	21.89M	19.015M
5200MHz	Pass	Inf	25.465M	19.14M	23.65M	19.09M
5240MHz	Pass	Inf	22.88M	19.09M	22.605M	19.04M
5260MHz	Pass	Inf	23.815M	19.09M	22.935M	19.065M
5300MHz	Pass	Inf	21.56M	19.09M	22M	19.04M
5320MHz	Pass	Inf	21.505M	19.04M	21.505M	19.015M
5500MHz	Pass	Inf	21.45M	19.065M	22.275M	19.015M
5580MHz	Pass	Inf	21.395M	19.09M	26.455M	19.065M
5700MHz	Pass	Inf	21.725M	19.065M	21.56M	19.015M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.69M	14.558M	17.97M	14.588M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.46M	4.758M	4.48M	5.597M
5745MHz	Pass	500k	18.865M	19.115M	18.755M	19.24M
5785MHz	Pass	500k	18.865M	19.115M	18.755M	19.415M
5825MHz	Pass	500k	18.92M	19.09M	18.975M	19.265M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.82M	37.531M	40.04M	37.531M
5230MHz	Pass	Inf	40.7M	37.681M	40.15M	37.581M
5270MHz	Pass	Inf	40.04M	37.581M	40.15M	37.581M
5310MHz	Pass	Inf	39.93M	37.581M	40.26M	37.531M
5510MHz	Pass	Inf	40.04M	37.531M	40.26M	37.531M
5550MHz	Pass	Inf	39.93M	37.531M	40.15M	37.531M
5670MHz	Pass	Inf	39.93M	37.481M	40.26M	37.581M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35M	33.653M	37.555M	33.688M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	4.078M	3.76M	12.454M
5755MHz	Pass	500k	36.74M	37.581M	37.62M	37.831M
5795MHz	Pass	500k	36.74M	37.631M	37.51M	37.931M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.4M	76.862M	81.62M	76.862M
5290MHz	Pass	Inf	81.4M	76.762M	81.62M	76.862M
5530MHz	Pass	Inf	81.18M	76.762M	81.4M	76.762M
5610MHz	Pass	Inf	81.62M	76.862M	81.62M	76.862M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.9M	72.864M	75.75M	72.864M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.54M	10.675M	3.68M	20.67M
5775MHz	Pass	500k	76.12M	76.862M	76.56M	77.261M

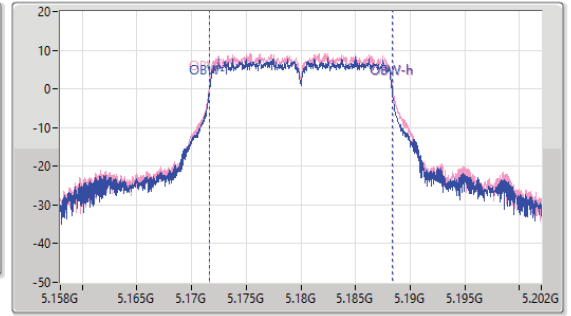
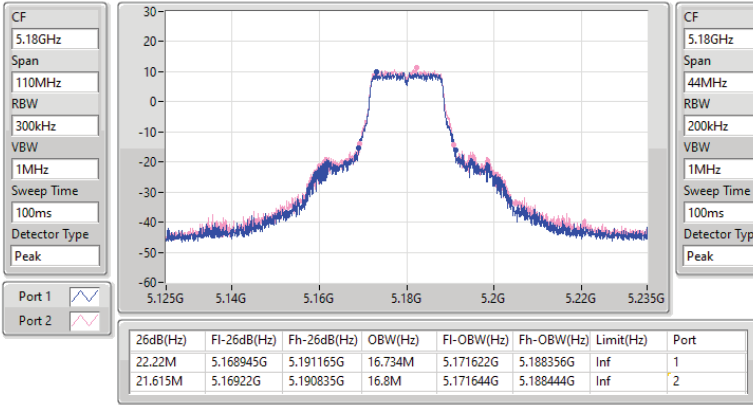
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5180MHz

24/12/2022

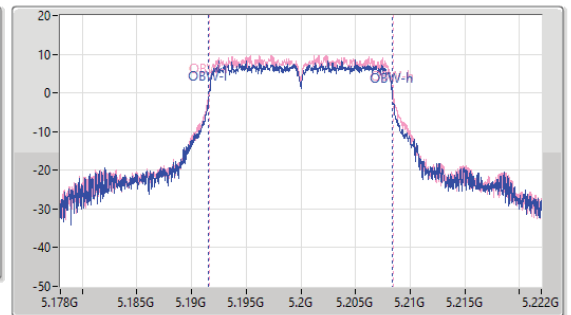
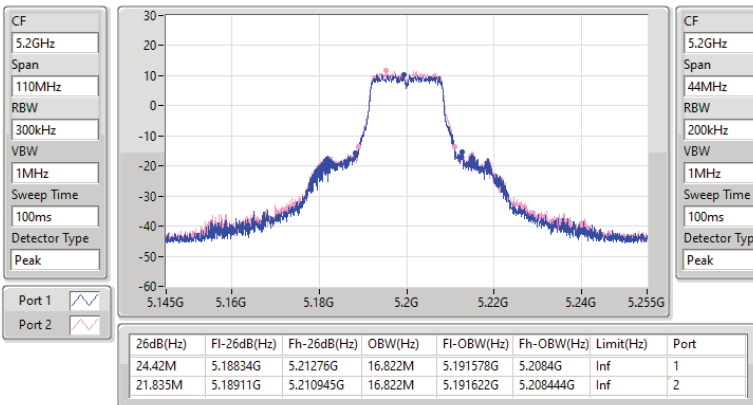


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

24/12/2022



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

EBW

5240MHz

24/12/2022

CF
5.24GHz

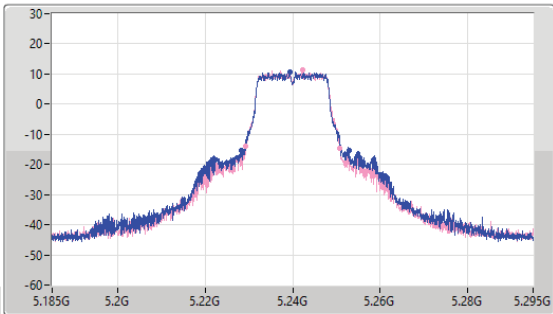
Span
110MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



CF
5.24GHz

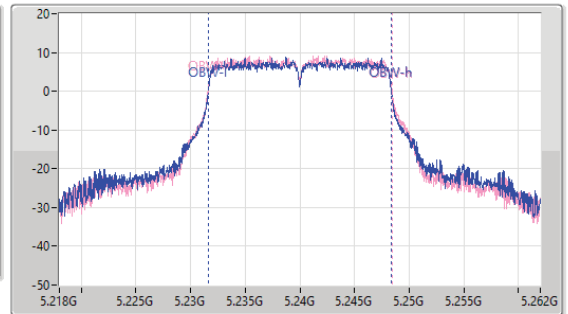
Span
44MHz

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
24.585M	5.22834G	5.252925G	16.778M	5.231622G	5.2484G	Inf	1
21.56M	5.229275G	5.250835G	16.8M	5.231644G	5.248444G	Inf	2

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

EBW

5260MHz

24/12/2022

CF
5.26GHz

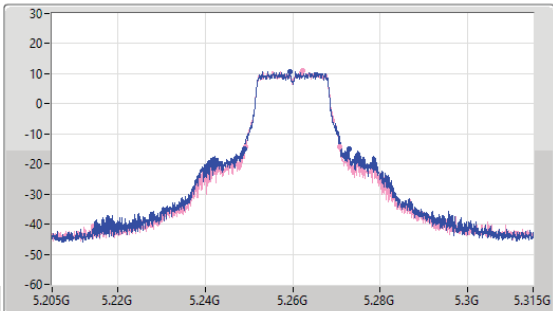
Span
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RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



CF
5.26GHz

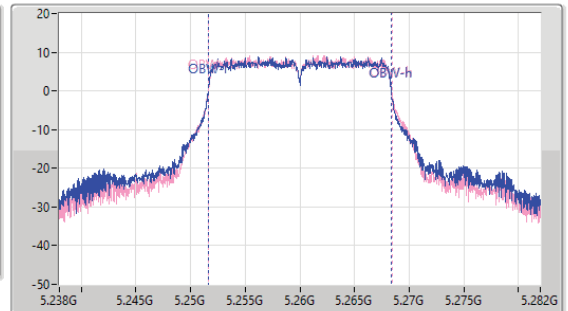
Span
44MHz

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
23.87M	5.248945G	5.272815G	16.778M	5.251622G	5.2684G	Inf	1
21.505M	5.249275G	5.27078G	16.8M	5.251644G	5.268444G	Inf	2

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

EBW

5300MHz

24/12/2022

CF
5.3GHz

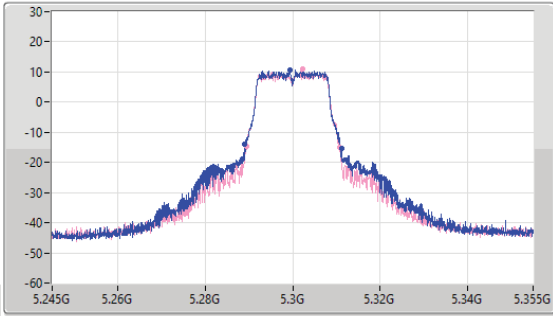
Span
110MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



CF
5.3GHz

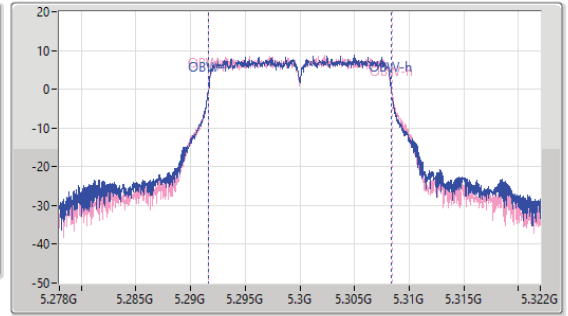
Span
44MHz

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
22.055M	5.28911G	5.311165G	16.712M	5.291644G	5.308356G	Inf	1
21.23M	5.289495G	5.310725G	16.756M	5.291666G	5.308422G	Inf	2

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

EBW

5320MHz

24/12/2022

CF
5.32GHz

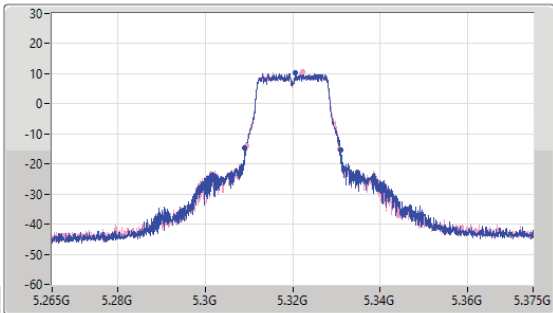
Span
110MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



CF
5.32GHz

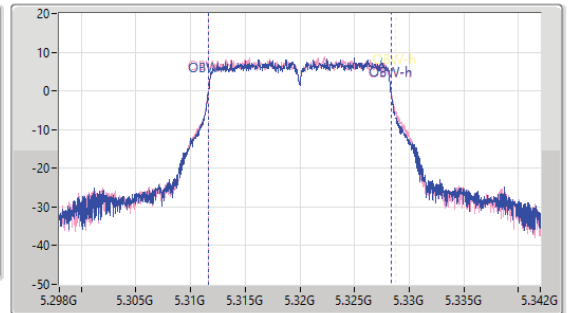
Span
44MHz

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
21.945M	5.30911G	5.331055G	16.668M	5.311666G	5.328334G	Inf	1
21.34M	5.309385G	5.330725G	16.756M	5.311644G	5.3284G	Inf	2

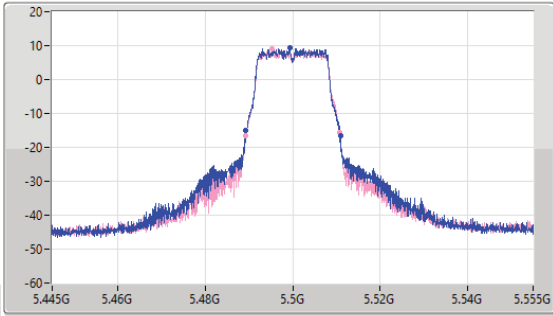
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

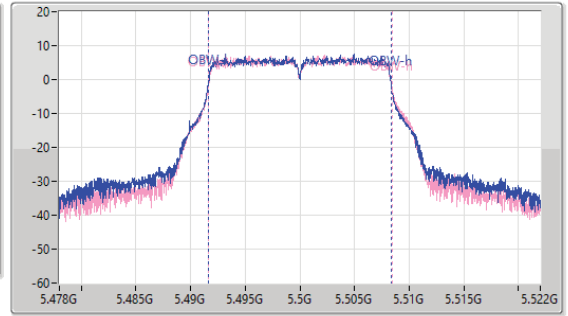
5500MHz

24/12/2022

CF: 5.5GHz
 Span: 110MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.5GHz
 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
21.725M	5.489275G	5.511G	16.69M	5.491644G	5.508334G	Inf	1
21.45M	5.489275G	5.510725G	16.756M	5.491666G	5.508422G	Inf	2

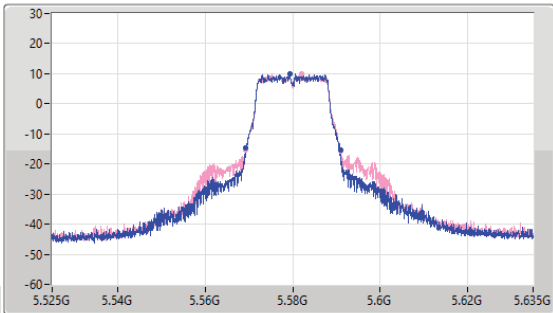
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

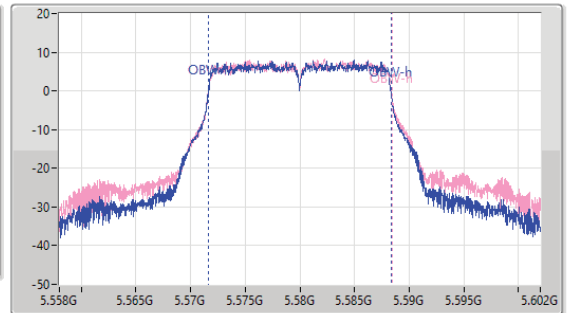
5580MHz

24/12/2022

CF: 5.58GHz
 Span: 110MHz
 RBW: 300kHz
 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
21.725M	5.56922G	5.590945G	16.69M	5.571644G	5.588334G	Inf	1
21.725M	5.56922G	5.590945G	16.778M	5.571644G	5.588422G	Inf	2

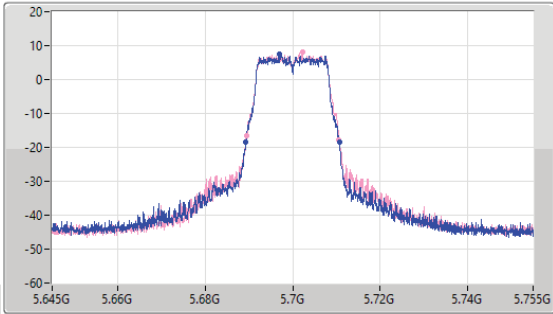
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

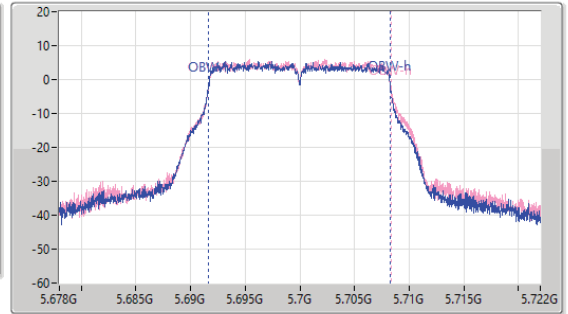
5700MHz

24/12/2022

CF: 5.7GHz
 Span: 110MHz
 RBW: 300kHz
 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
21.505M	5.689275G	5.71078G	16.668M	5.691622G	5.70829G	Inf	1
21.23M	5.689385G	5.710615G	16.756M	5.691644G	5.7084G	Inf	2

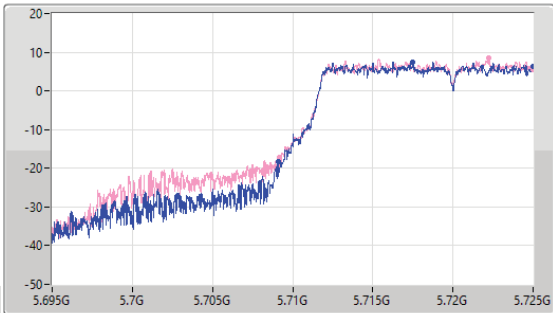
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

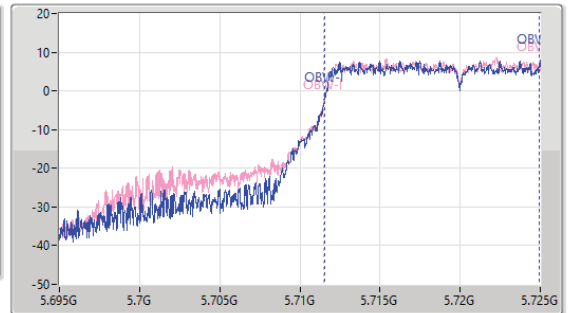
5720MHz Straddle 5.47-5.725GHz

24/12/2022

CF: 5.71GHz
 Span: 30MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.71GHz
 Span: 30MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



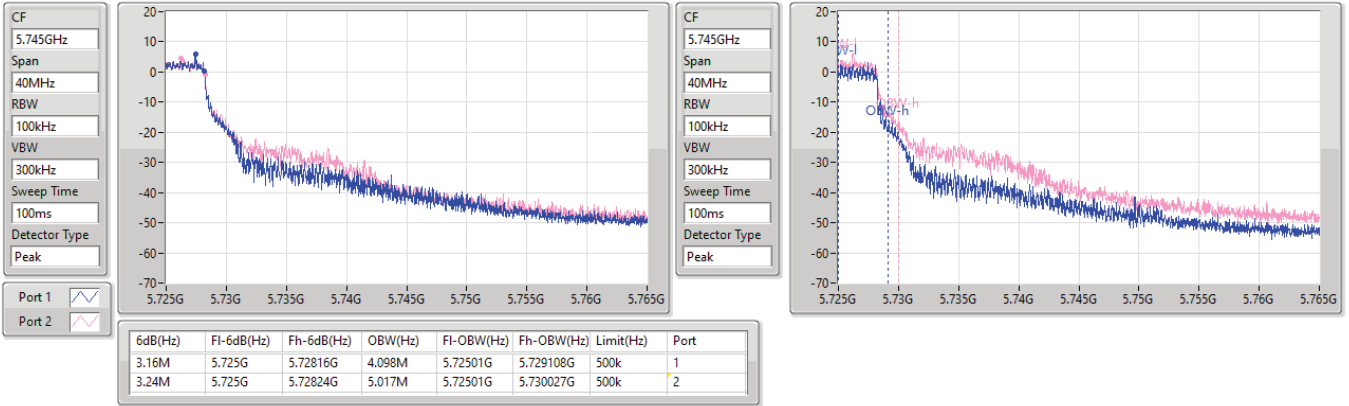
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.9M	5.7091G	5.725G	13.433M	5.711529G	5.724963G	Inf	1
15.795M	5.709205G	5.725G	13.463M	5.711469G	5.724933G	Inf	2

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

EBW

5720MHz Straddle 5.725-5.85GHz

24/12/2022

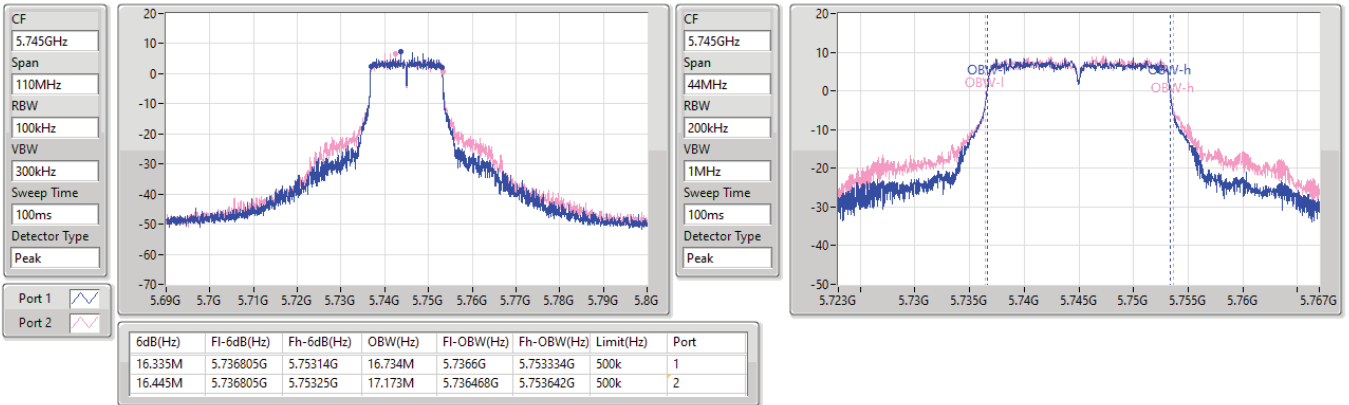


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

24/12/2022

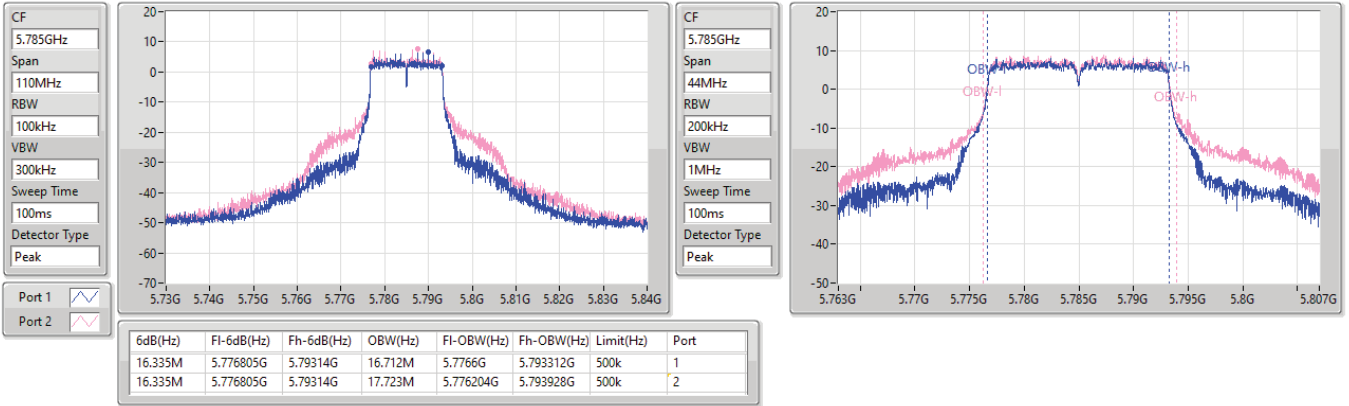


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

24/12/2022

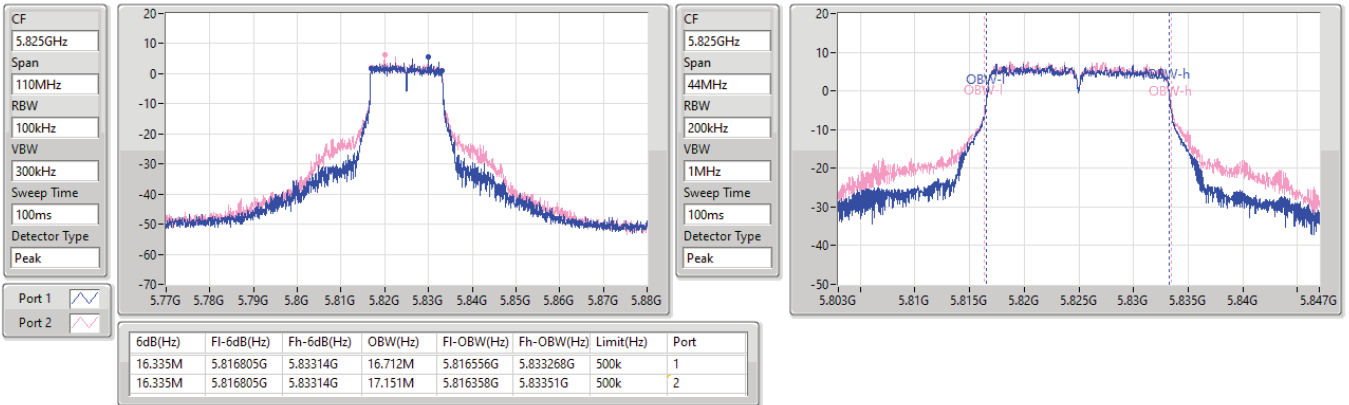


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

24/12/2022



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5180MHz

24/12/2022

CF
5.18GHz

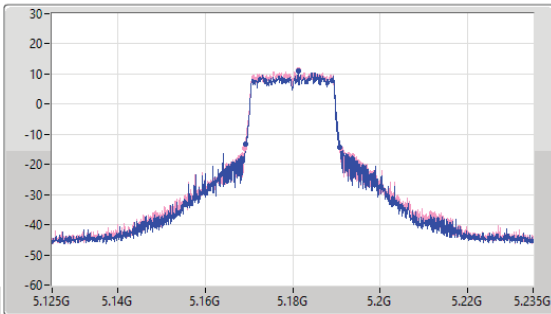
Span
110MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



CF
5.18GHz

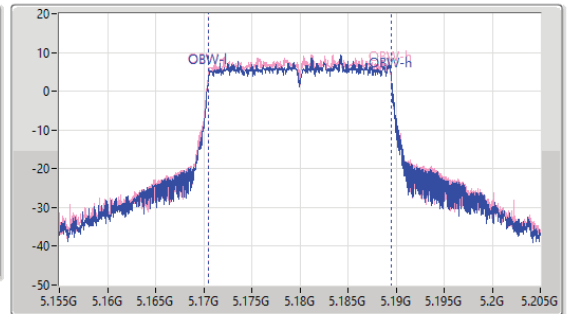
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.505M	5.16933G	5.190835G	19.065M	5.17048G	5.189545G	Inf	1
21.89M	5.16911G	5.191G	19.015M	5.170455G	5.18947G	Inf	2

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5200MHz

24/12/2022

CF
5.2GHz

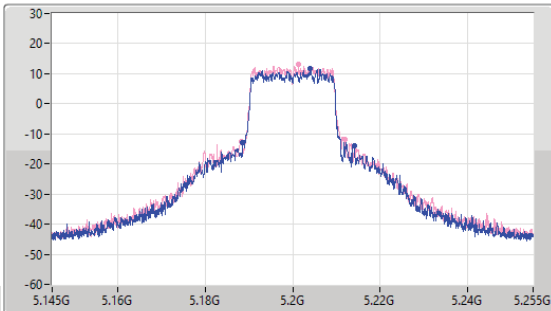
Span
110MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



CF
5.2GHz

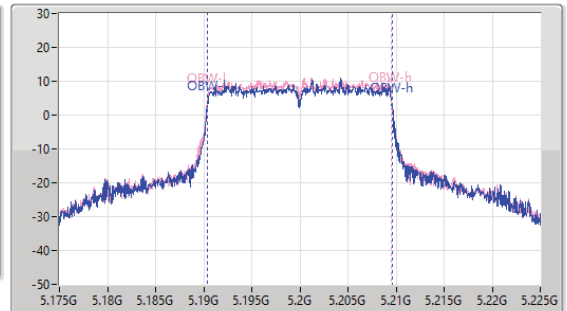
Span
50MHz

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
25.465M	5.188615G	5.21408G	19.14M	5.19043G	5.20957G	Inf	1
23.65M	5.188285G	5.211935G	19.09M	5.19043G	5.20952G	Inf	2

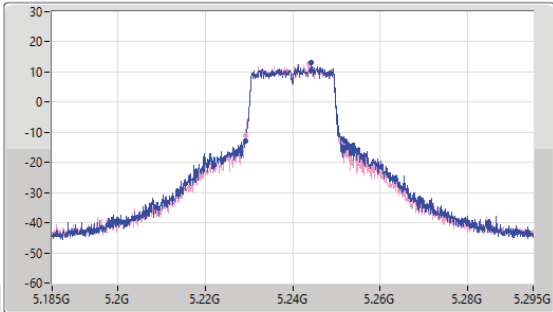
5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

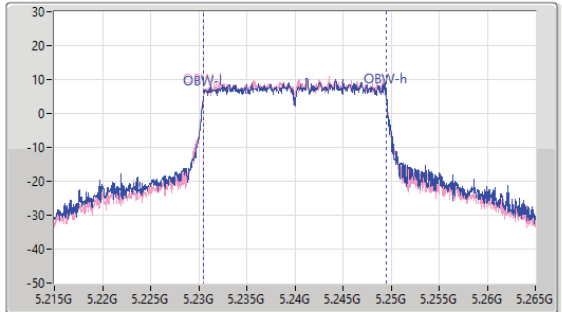
5240MHz

24/12/2022

CF
5.24GHz
Span
110MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.24GHz
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
22.88M	5.229165G	5.252045G	19.09M	5.230455G	5.249545G	Inf	1
22.605M	5.22922G	5.251825G	19.04M	5.230455G	5.249495G	Inf	2

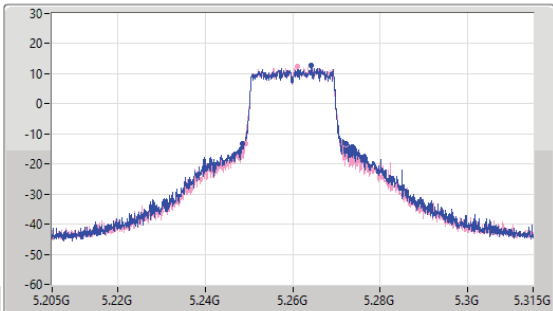
5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

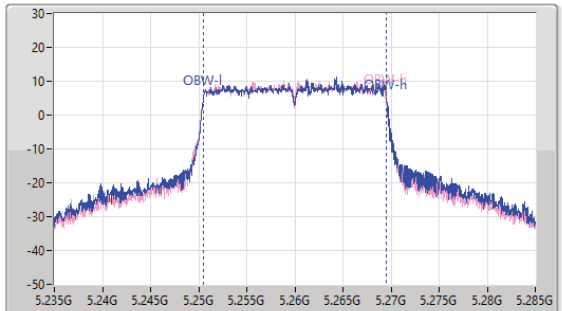
5260MHz

24/12/2022

CF
5.26GHz
Span
110MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.26GHz
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
23.815M	5.24845G	5.272265G	19.09M	5.250455G	5.269545G	Inf	1
22.935M	5.249165G	5.2721G	19.065M	5.250455G	5.26952G	Inf	2

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

EBW

5300MHz

24/12/2022

CF
5.3GHz

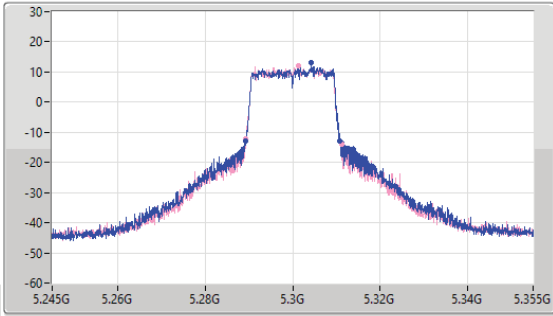
Span
110MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



CF
5.3GHz

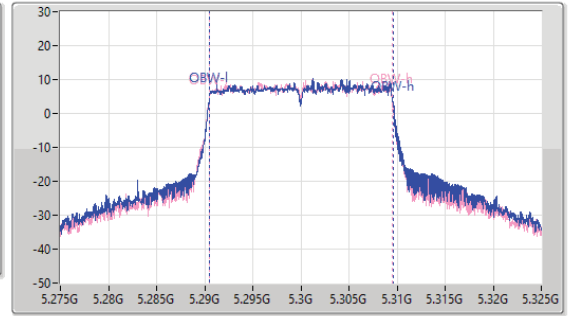
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.56M	5.289275G	5.310835G	19.09M	5.29048G	5.30957G	Inf	1
22M	5.28922G	5.31122G	19.04M	5.290455G	5.309495G	Inf	2

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

EBW

5320MHz

24/12/2022

CF
5.32GHz

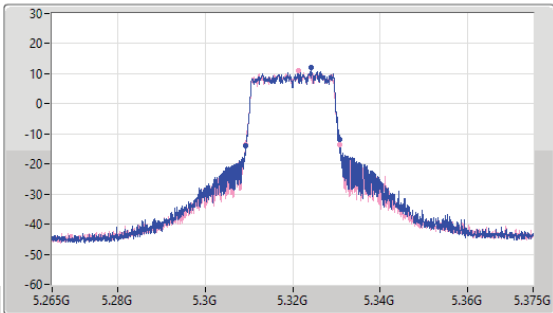
Span
110MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



CF
5.32GHz

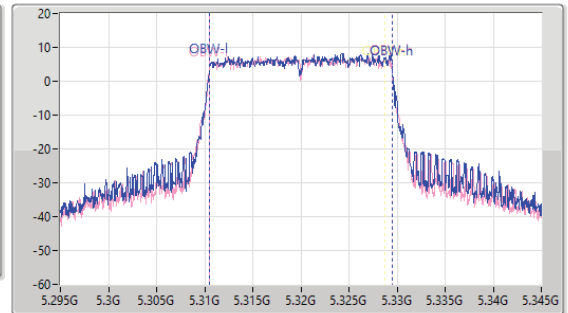
Span
50MHz

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
21.505M	5.309275G	5.33078G	19.04M	5.31048G	5.32952G	Inf	1
21.505M	5.30922G	5.330725G	19.015M	5.310455G	5.32947G	Inf	2

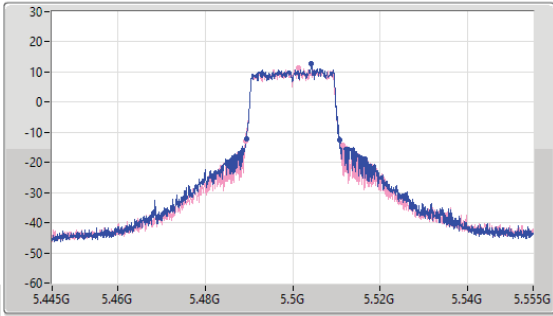
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

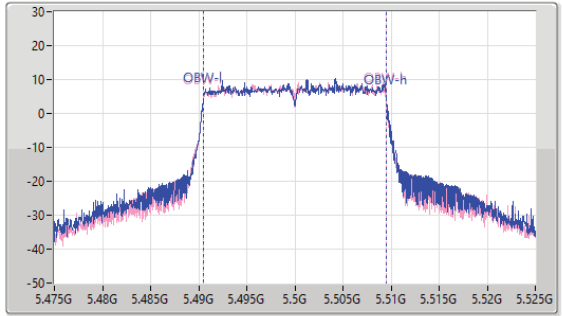
5500MHz

24/12/2022

CF: 5.5GHz
 Span: 110MHz
 RBW: 300kHz
 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
21.45M	5.489385G	5.510835G	19.065M	5.49048G	5.509545G	Inf	1
22.275M	5.489165G	5.51144G	19.015M	5.49048G	5.509495G	Inf	2

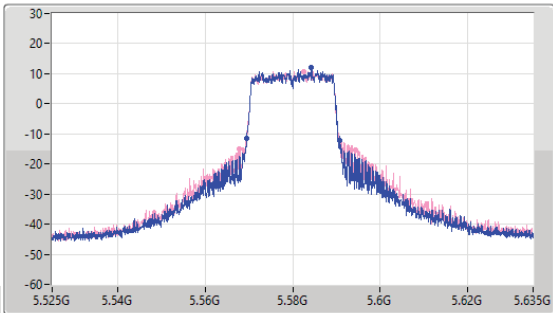
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

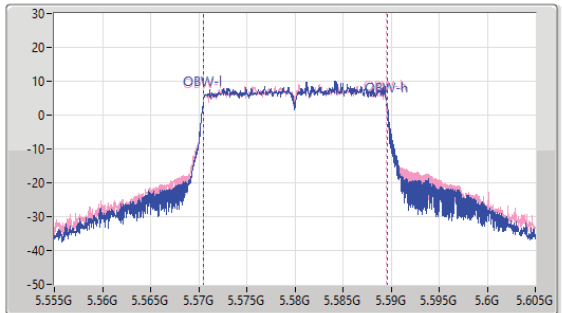
5580MHz

24/12/2022

CF: 5.58GHz
 Span: 110MHz
 RBW: 300kHz
 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
21.395M	5.56944G	5.590835G	19.09M	5.57048G	5.58957G	Inf	1
26.455M	5.5679G	5.594355G	19.065M	5.570455G	5.58952G	Inf	2

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

EBW

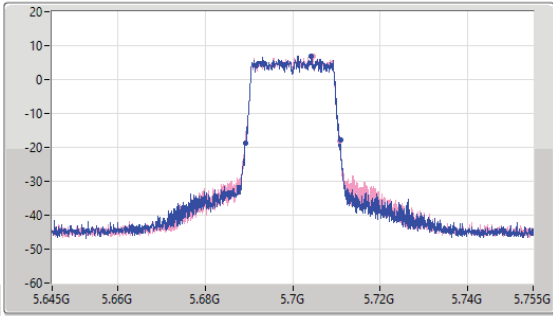
5700MHz

24/12/2022

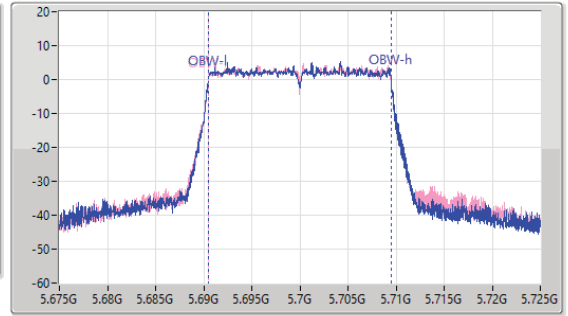
CF: 5.7GHz
 Span: 110MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak

Port 1:

Port 2:



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
21.725M	5.689165G	5.71089G	19.065M	5.690455G	5.70952G	Inf	1
21.56M	5.689165G	5.710725G	19.015M	5.690455G	5.70947G	Inf	2

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

EBW

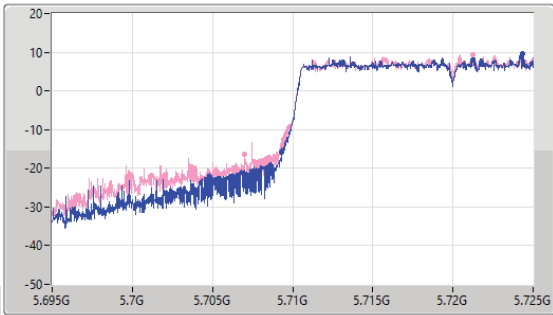
5720MHz Straddle 5.47-5.725GHz

24/12/2022

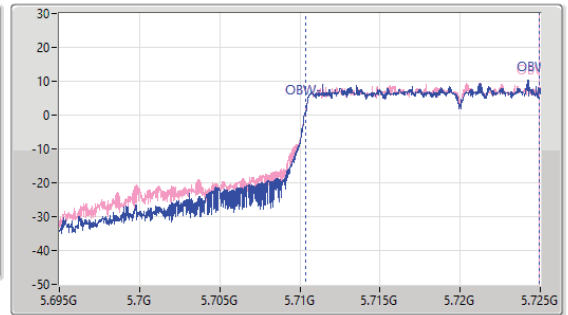
CF: 5.71GHz
 Span: 30MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak

Port 1:

Port 2:



CF: 5.71GHz
 Span: 30MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



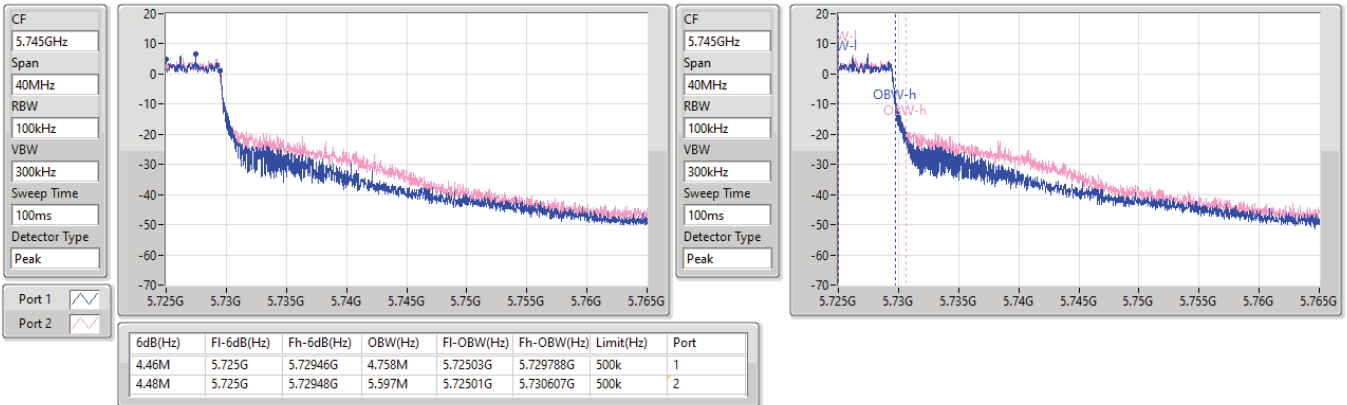
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.69M	5.70931G	5.725G	14.558M	5.71039G	5.724948G	Inf	1
17.97M	5.70703G	5.725G	14.588M	5.710345G	5.724933G	Inf	2

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

EBW

5720MHz Straddle 5.725-5.85GHz

24/12/2022

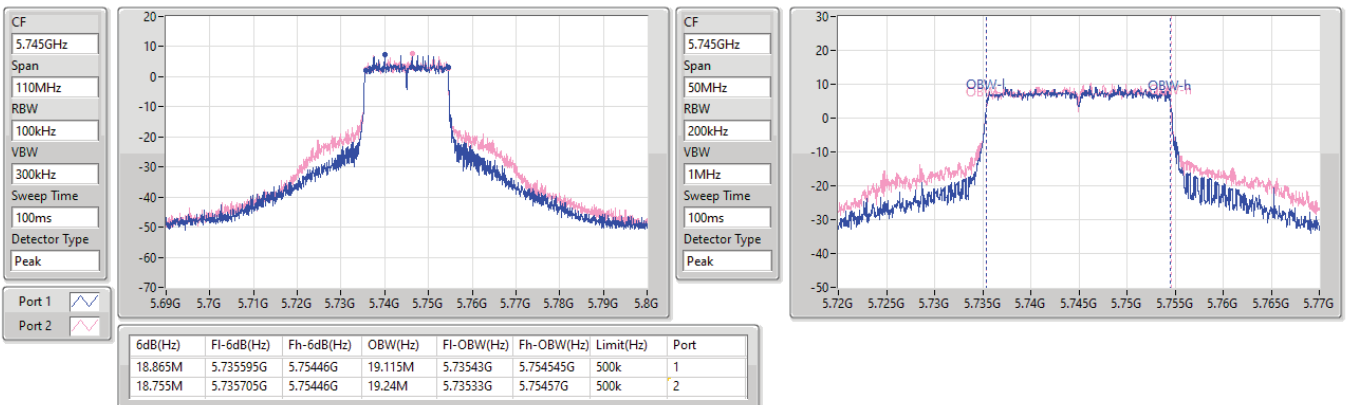


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5745MHz

24/12/2022

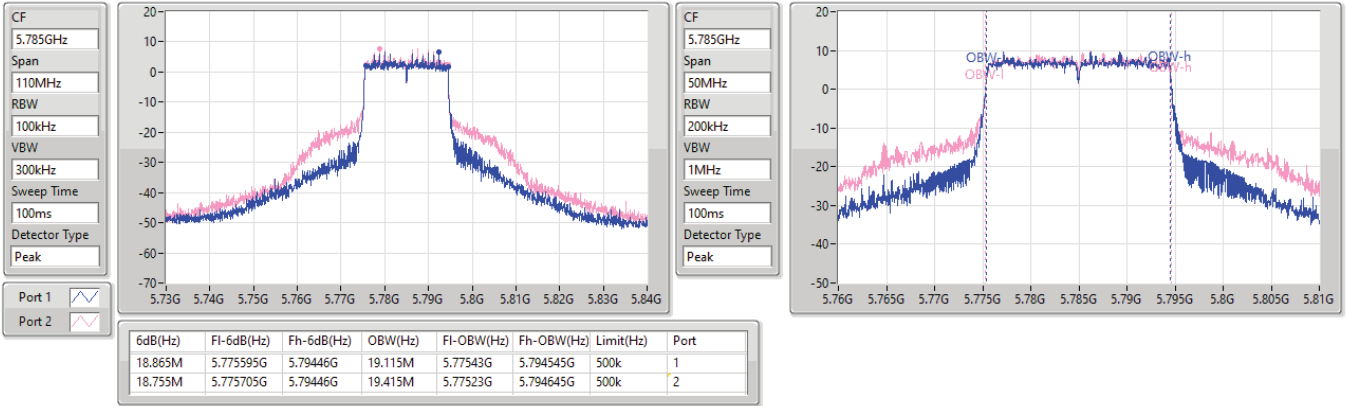


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

24/12/2022

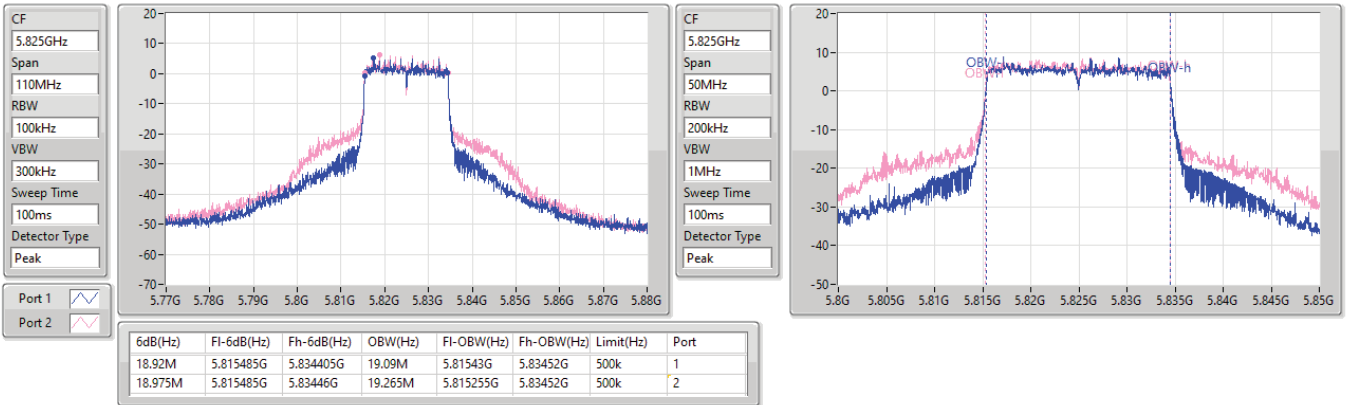


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5825MHz

24/12/2022

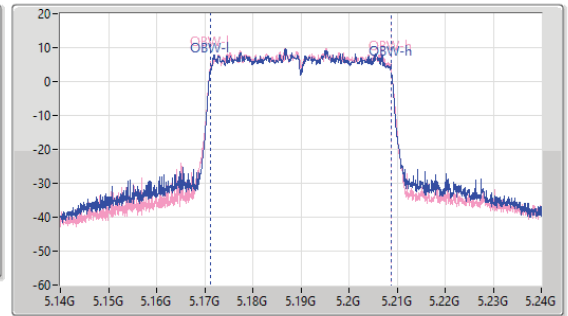
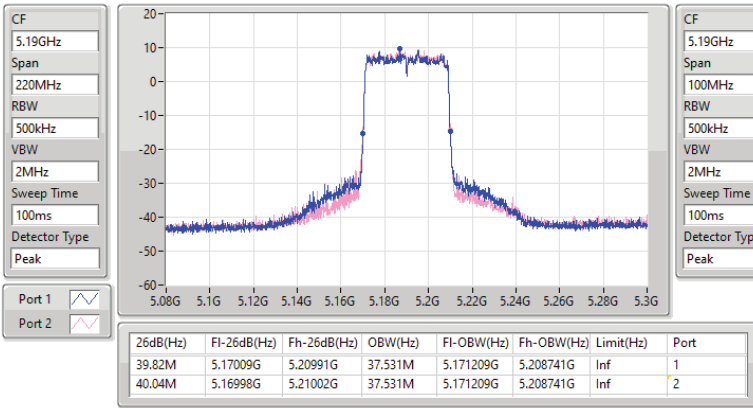


5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5190MHz

24/12/2022

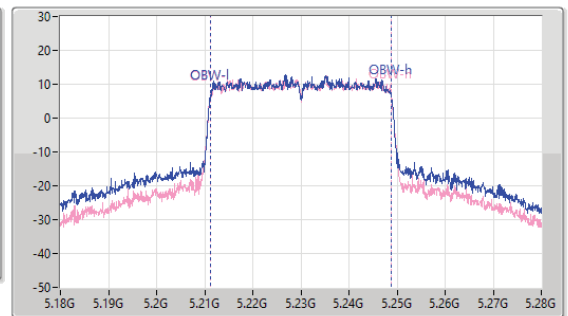
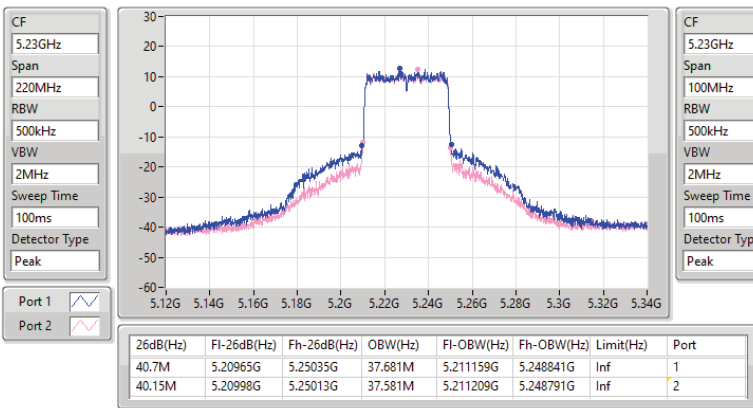


5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5230MHz

24/12/2022



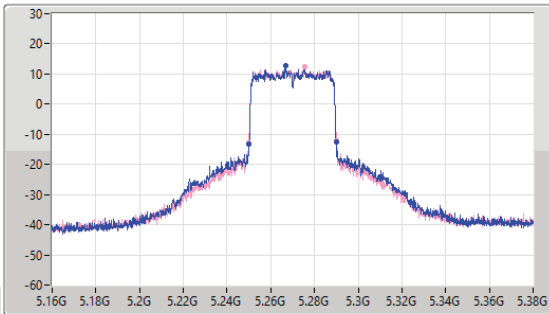
5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

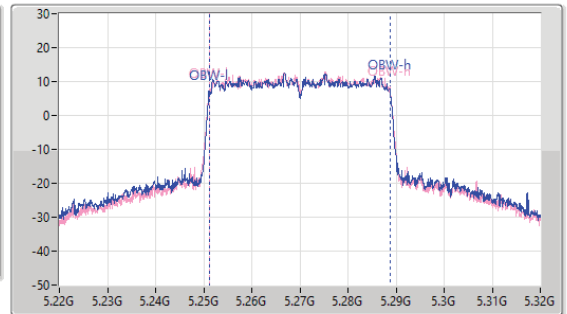
5270MHz

24/12/2022

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
40.04M	5.25009G	5.29013G	37.581M	5.251209G	5.288791G	Inf	1
40.15M	5.24987G	5.29002G	37.581M	5.251209G	5.288791G	Inf	2

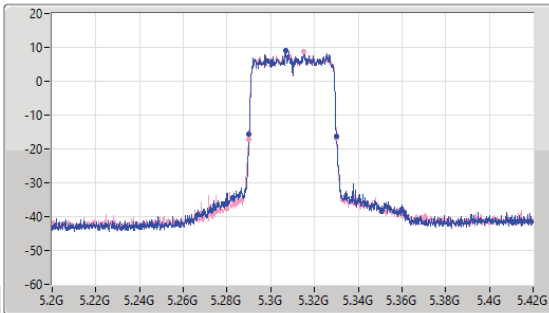
5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

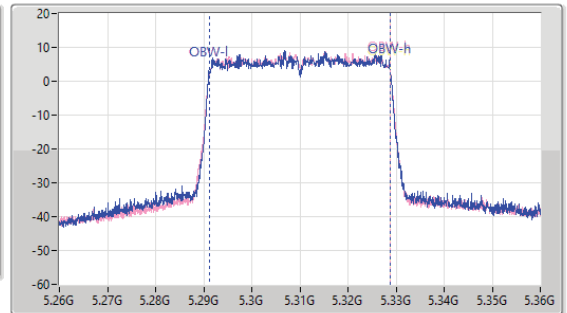
5310MHz

24/12/2022

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



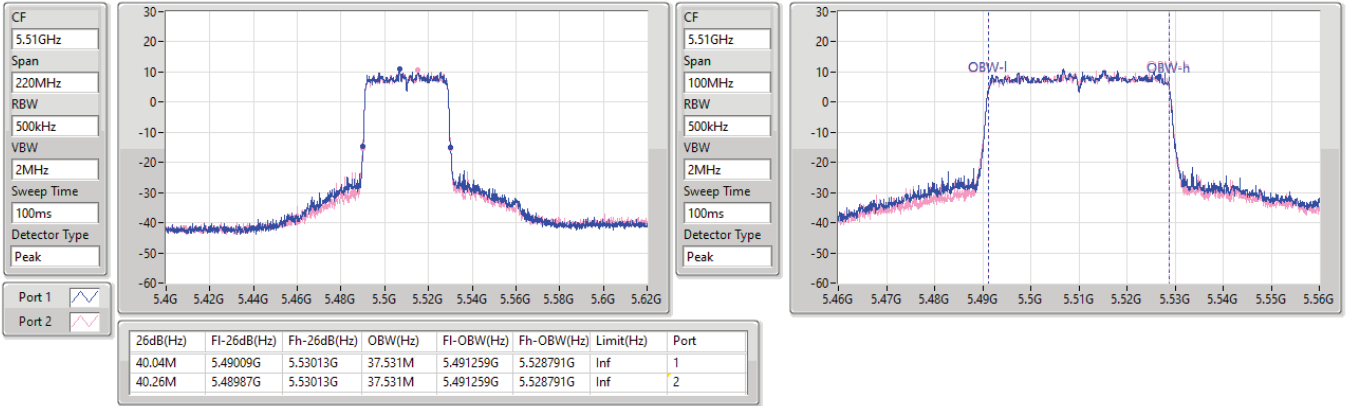
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.93M	5.29009G	5.33002G	37.581M	5.291209G	5.328791G	Inf	1
40.26M	5.28987G	5.33013G	37.531M	5.291259G	5.328791G	Inf	2

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

EBW

5510MHz

24/12/2022

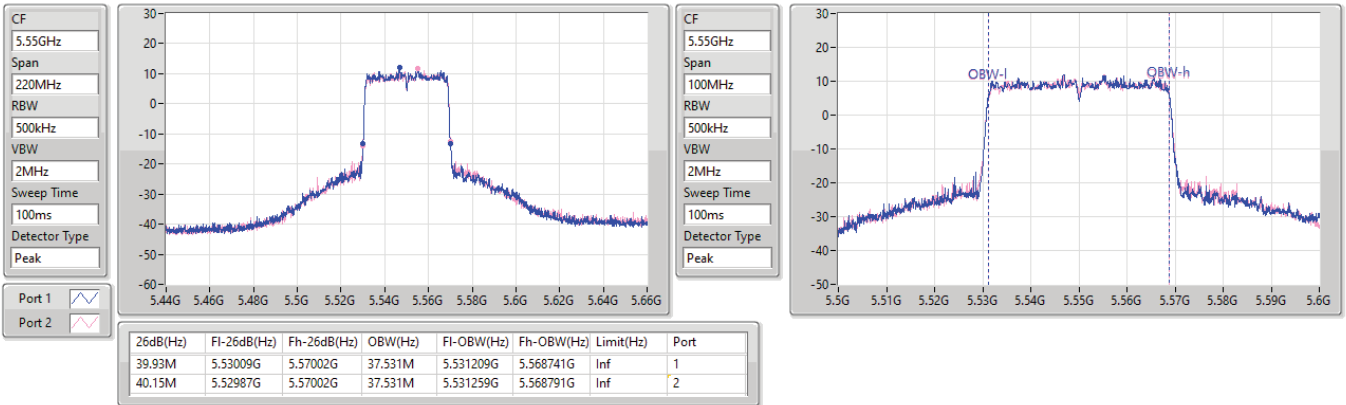


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5550MHz

24/12/2022

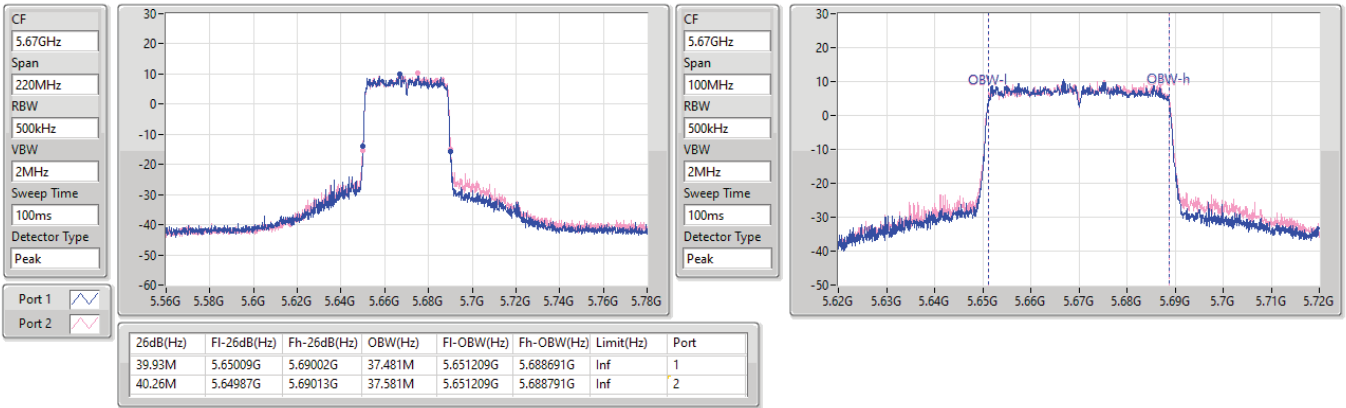


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5670MHz

24/12/2022

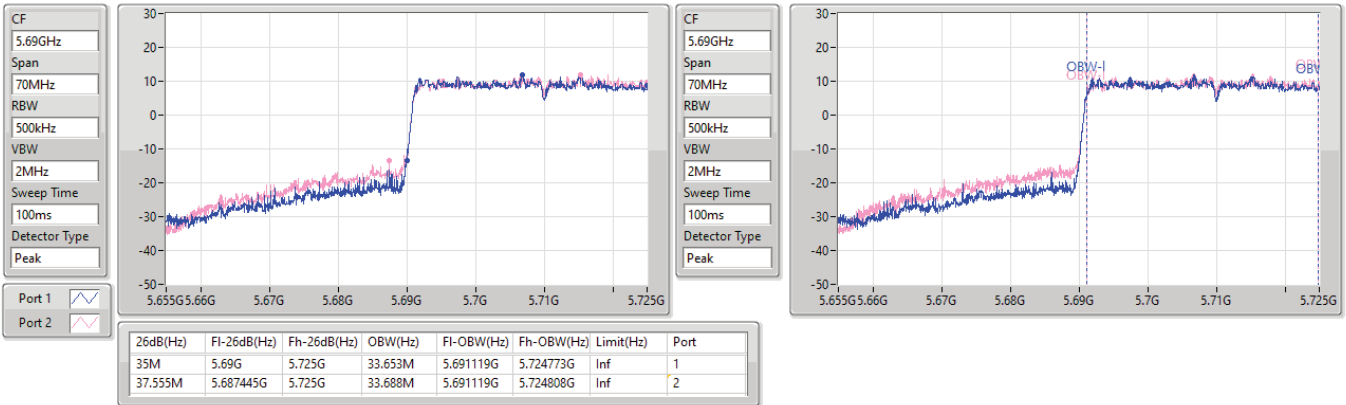


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

24/12/2022

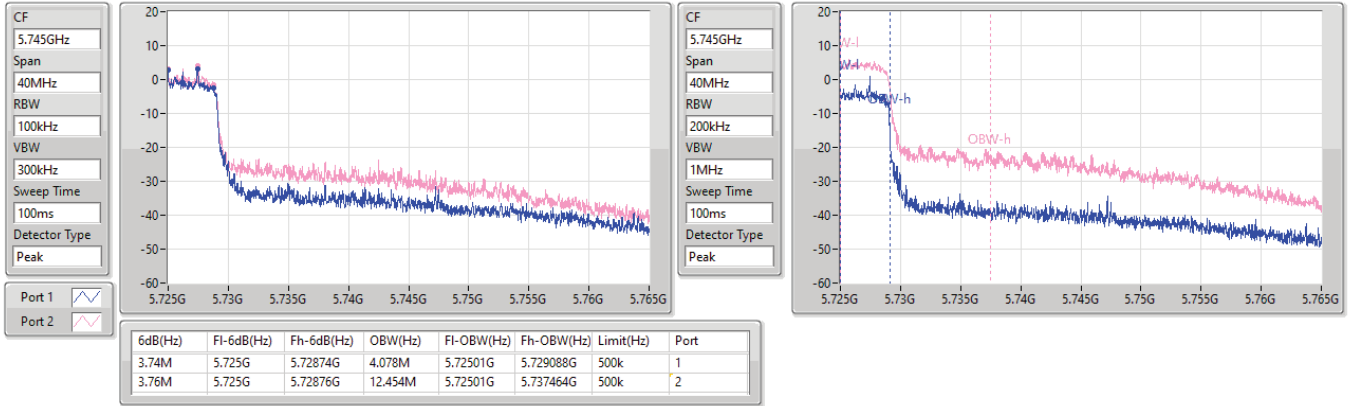


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

24/12/2022

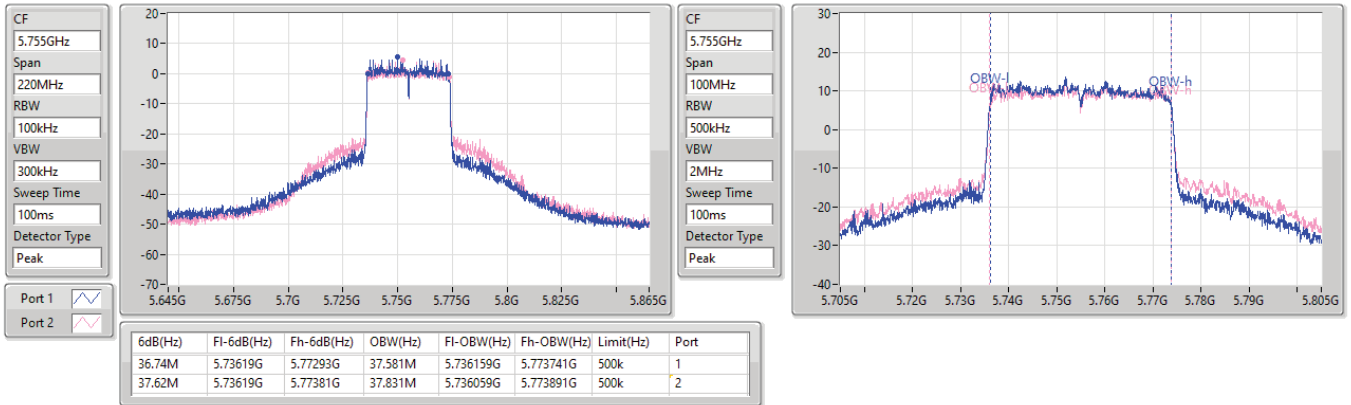


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5755MHz

24/12/2022

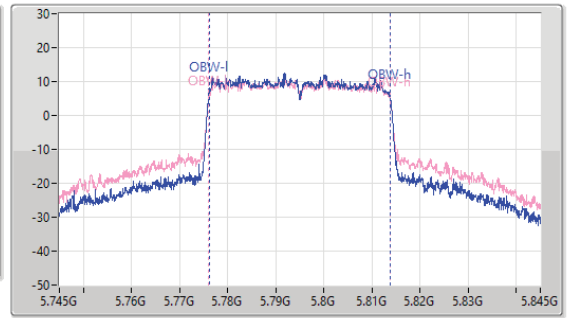
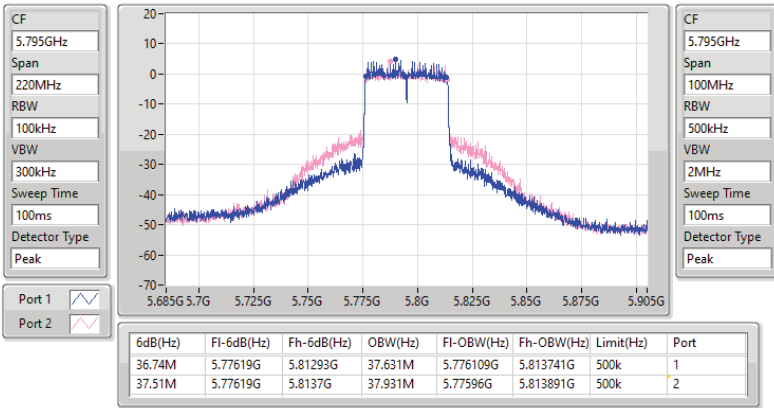


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5795MHz

24/12/2022

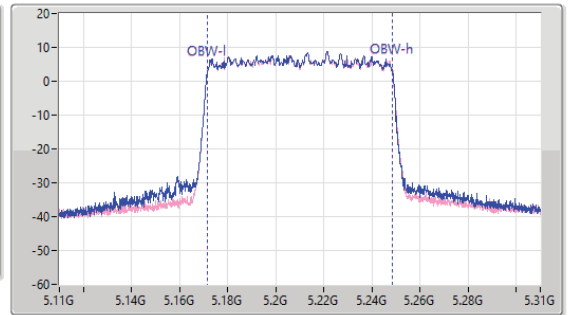
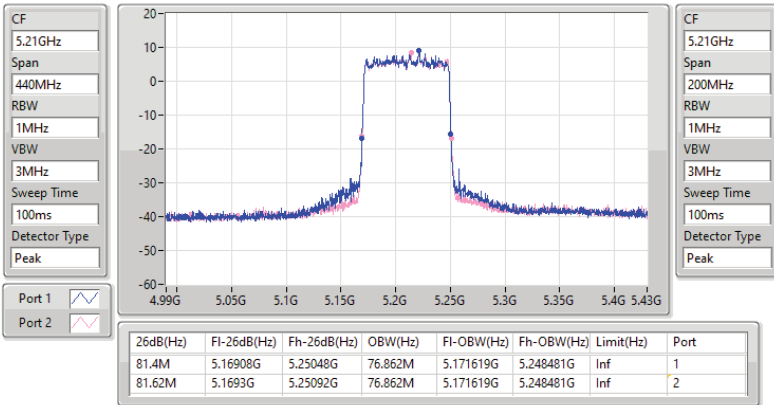


5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5210MHz

24/12/2022



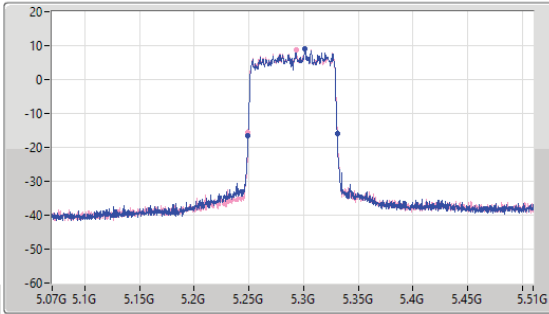
5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

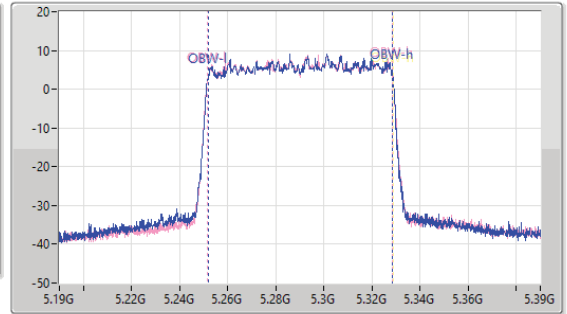
5290MHz

24/12/2022

CF
5.29GHz
Span
440MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.29GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.4M	5.2493G	5.3307G	76.762M	5.251819G	5.328581G	Inf	1
81.62M	5.2493G	5.33092G	76.862M	5.251719G	5.328581G	Inf	2

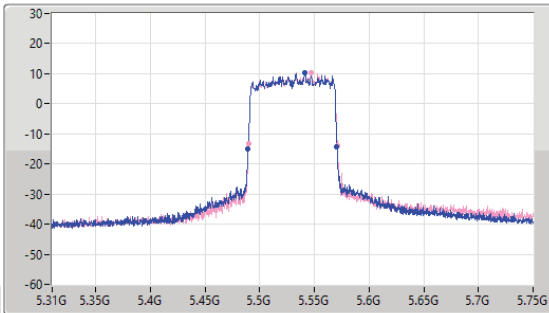
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

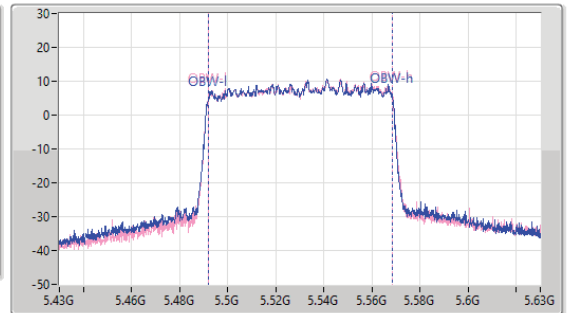
5530MHz

24/12/2022

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
81.18M	5.4893G	5.57048G	76.762M	5.491819G	5.568581G	Inf	1
81.4M	5.48952G	5.57092G	76.762M	5.491819G	5.568581G	Inf	2

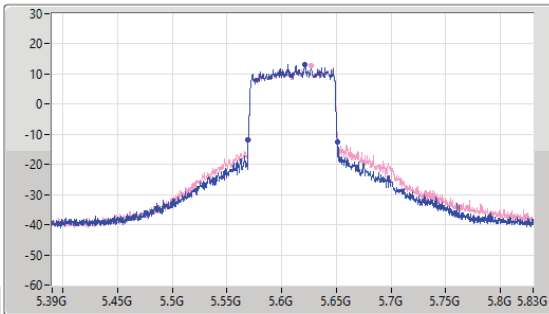
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

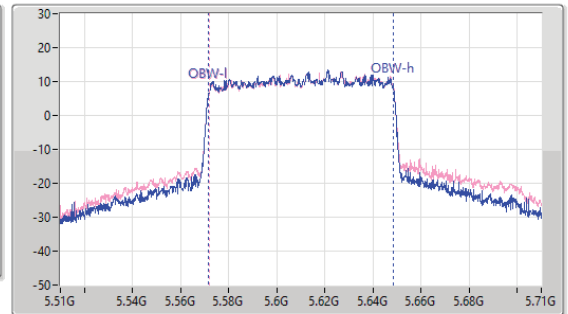
5610MHz

24/12/2022

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
81.62M	5.56908G	5.6507G	76.862M	5.571719G	5.648581G	Inf	1
81.62M	5.56952G	5.65114G	76.862M	5.571819G	5.648681G	Inf	2

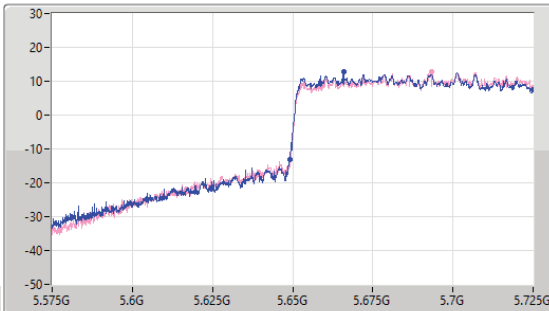
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

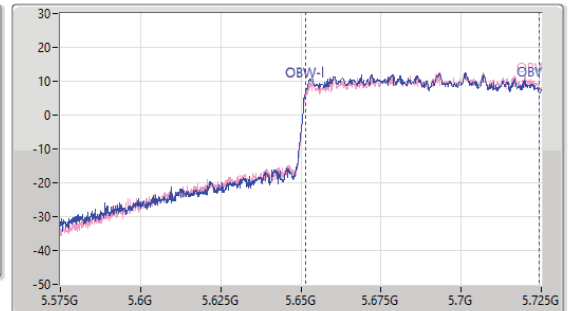
5690MHz Straddle 5.47-5.725GHz

24/12/2022

CF: 5.65GHz
 Span: 150MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.65GHz
 Span: 150MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Peak



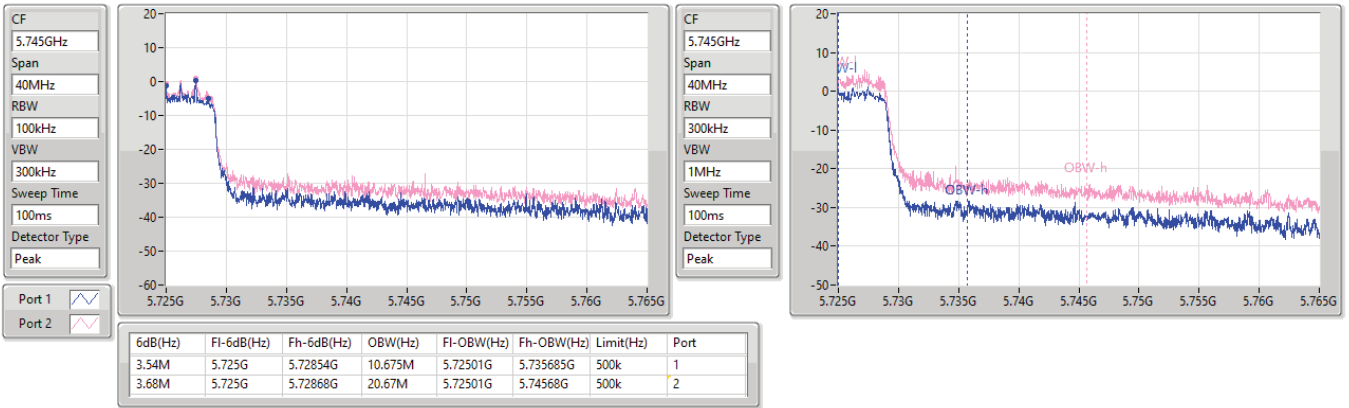
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.9M	5.6491G	5.725G	72.864M	5.651424G	5.724288G	Inf	1
75.75M	5.64925G	5.725G	72.864M	5.651574G	5.724438G	Inf	2

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

EBW

5690MHz Straddle 5.725-5.85GHz

24/12/2022

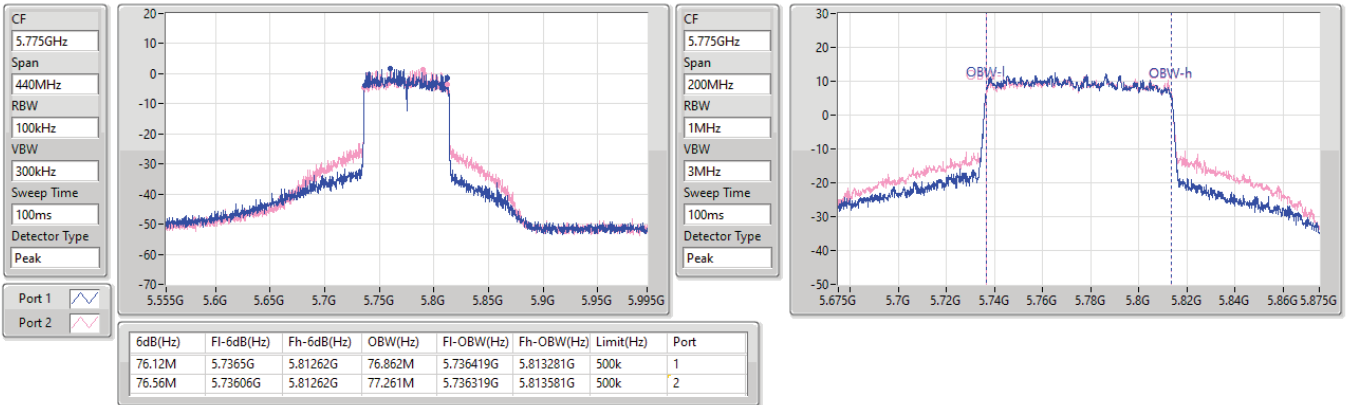


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5775MHz

24/12/2022





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	38.06M	18.251M	18M3D1D	21.945M	16.91M
802.11ax HEW20_Nss1,(MCS0)_1TX	42.735M	19.565M	19M6D1D	23.485M	19.065M
802.11ax HEW40_Nss1,(MCS0)_1TX	62.81M	37.931M	37M9D1D	40.04M	37.581M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.62M	76.862M	76M9D1D	81.62M	76.862M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	38.445M	18.251M	18M3D1D	33.715M	17.019M
802.11ax HEW20_Nss1,(MCS0)_1TX	41.085M	19.59M	19M6D1D	24.09M	19.09M
802.11ax HEW40_Nss1,(MCS0)_1TX	74.8M	38.031M	38MOD1D	39.71M	37.531M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.62M	76.762M	76M8D1D	81.62M	76.762M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	37.565M	17.965M	18MOD1D	21.175M	13.988M
802.11ax HEW20_Nss1,(MCS0)_1TX	40.975M	19.44M	19M4D1D	21.395M	14.783M
802.11ax HEW40_Nss1,(MCS0)_1TX	84.7M	38.331M	38M3D1D	40.04M	33.968M
802.11ax HEW80_Nss1,(MCS0)_1TX	139.04M	78.061M	78M1D1D	81.4M	73.313M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.28M	17.459M	17M5D1D	3.16M	10.235M
802.11ax HEW20_Nss1,(MCS0)_1TX	19.03M	19.365M	19M4D1D	4.5M	10.215M
802.11ax HEW40_Nss1,(MCS0)_1TX	37.62M	38.031M	38MOD1D	3.84M	23.108M
802.11ax HEW80_Nss1,(MCS0)_1TX	75.24M	77.561M	77M6D1D	3.82M	34.283M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.945M	16.91M
5200MHz	Pass	Inf	37.62M	18.251M
5240MHz	Pass	Inf	38.06M	18.163M
5260MHz	Pass	Inf	38.445M	18.251M
5300MHz	Pass	Inf	37.785M	18.097M
5320MHz	Pass	Inf	33.715M	17.019M
5500MHz	Pass	Inf	27.335M	16.954M
5580MHz	Pass	Inf	37.565M	17.965M
5700MHz	Pass	Inf	21.175M	16.778M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	22.98M	13.988M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	10.235M
5745MHz	Pass	500k	16.28M	17.459M
5785MHz	Pass	500k	16.28M	17.459M
5825MHz	Pass	500k	16.28M	17.327M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	23.485M	19.065M
5200MHz	Pass	Inf	42.735M	19.565M
5240MHz	Pass	Inf	40.92M	19.49M
5260MHz	Pass	Inf	40.865M	19.565M
5300MHz	Pass	Inf	41.085M	19.59M
5320MHz	Pass	Inf	24.09M	19.09M
5500MHz	Pass	Inf	26.29M	19.115M
5580MHz	Pass	Inf	40.975M	19.44M
5700MHz	Pass	Inf	21.395M	19.015M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	25.425M	14.783M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.5M	10.215M
5745MHz	Pass	500k	19.03M	19.365M
5785MHz	Pass	500k	18.92M	19.29M
5825MHz	Pass	500k	18.92M	19.29M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	40.04M	37.581M
5230MHz	Pass	Inf	62.81M	37.931M
5270MHz	Pass	Inf	74.8M	38.031M
5310MHz	Pass	Inf	39.71M	37.531M
5510MHz	Pass	Inf	40.04M	37.531M
5550MHz	Pass	Inf	84.7M	38.331M
5670MHz	Pass	Inf	40.26M	37.631M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	52.15M	33.968M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.84M	23.108M
5755MHz	Pass	500k	37.62M	38.031M
5795MHz	Pass	500k	37.62M	38.031M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	81.62M	76.862M
5290MHz	Pass	Inf	81.62M	76.762M
5530MHz	Pass	Inf	81.4M	76.862M
5610MHz	Pass	Inf	139.04M	78.061M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	107.325M	73.313M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.82M	34.283M
5775MHz	Pass	500k	75.24M	77.561M

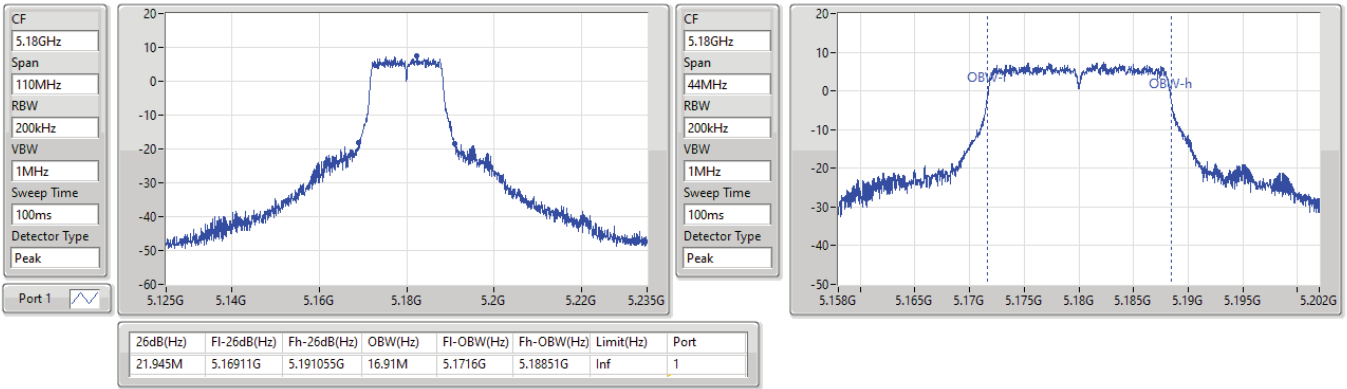
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5180MHz

24/12/2022

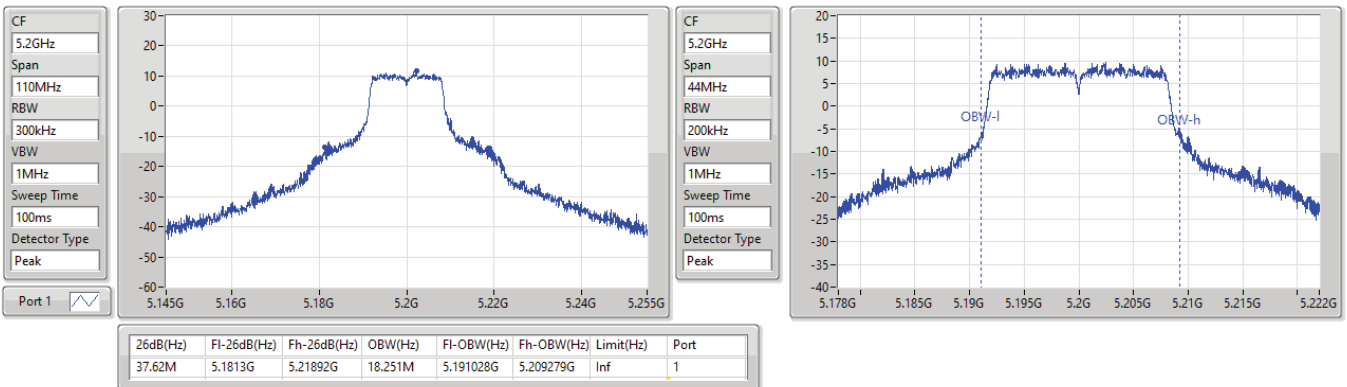


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5200MHz

24/12/2022

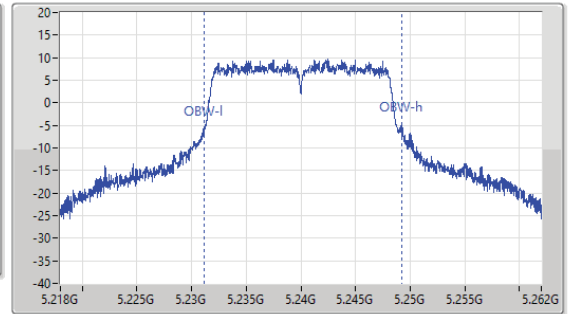
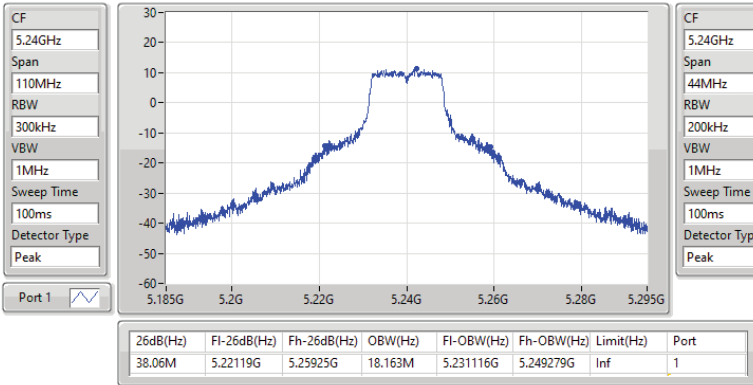


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5240MHz

24/12/2022

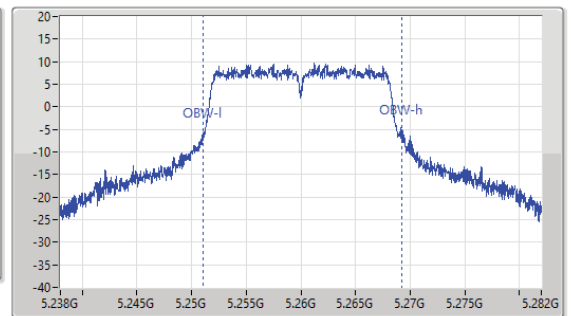
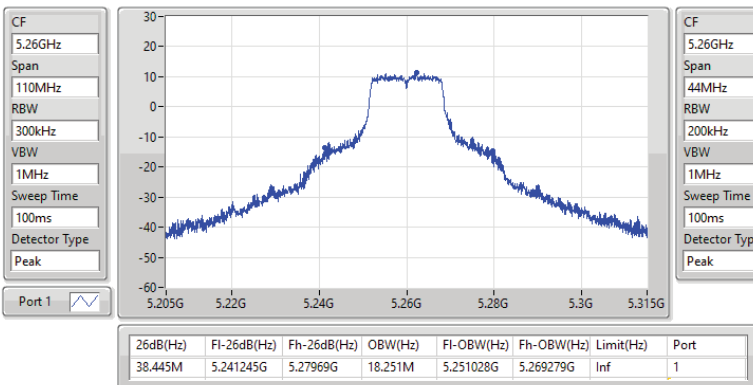


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5260MHz

24/12/2022

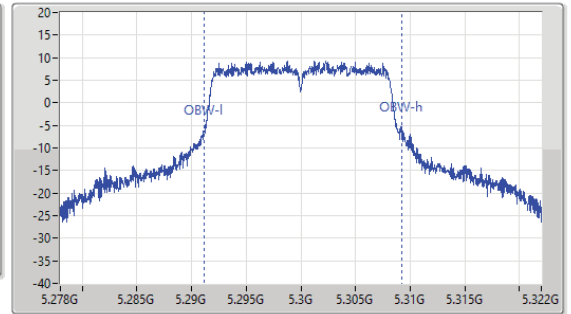
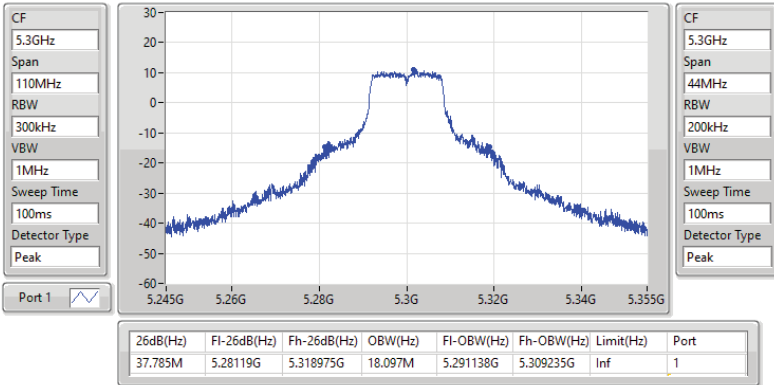


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5300MHz

24/12/2022

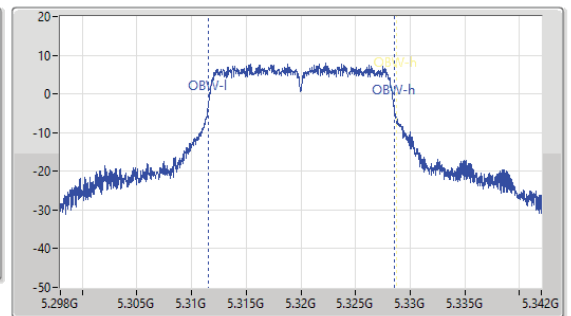
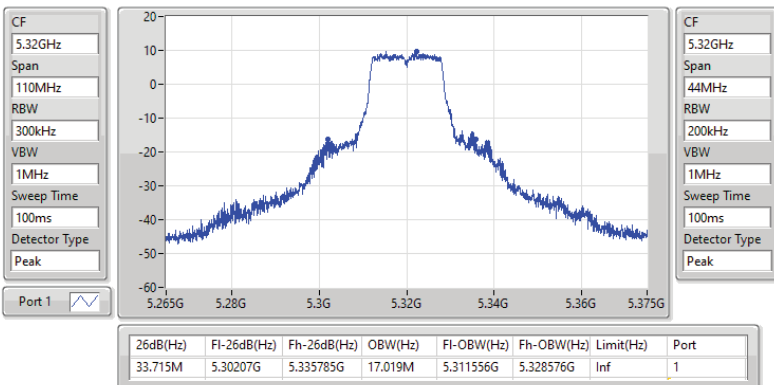


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5320MHz

24/12/2022

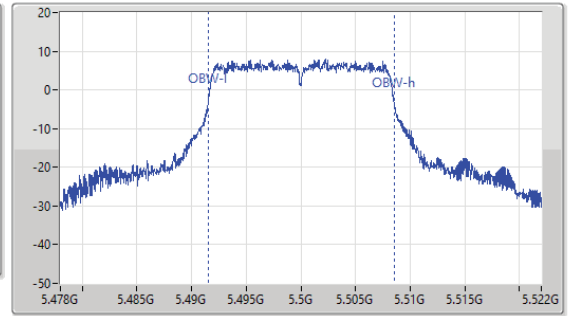
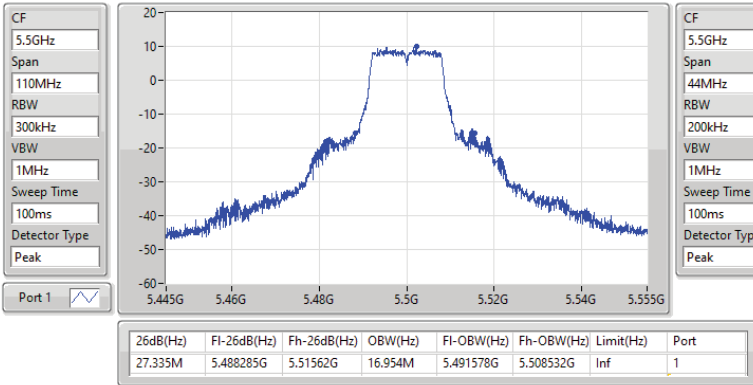


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5500MHz

24/12/2022

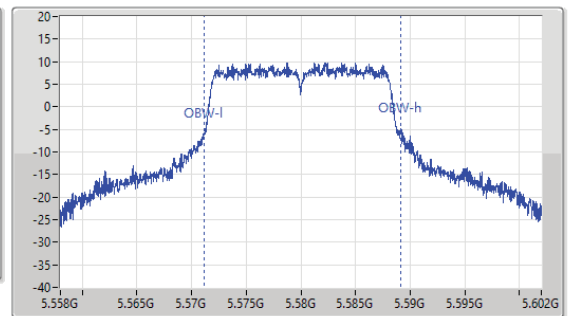
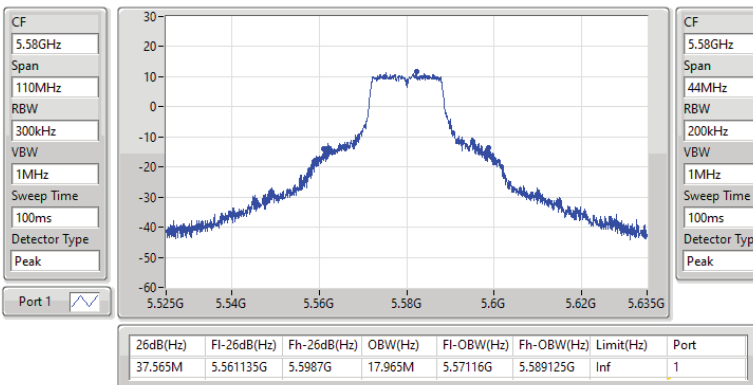


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5580MHz

24/12/2022

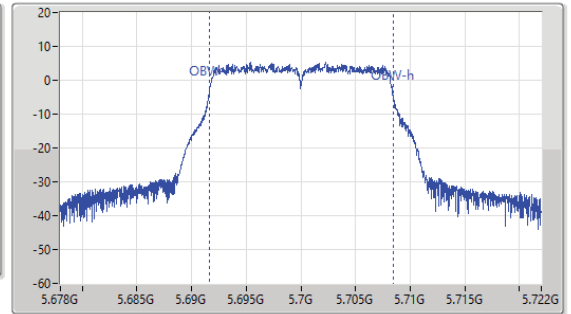
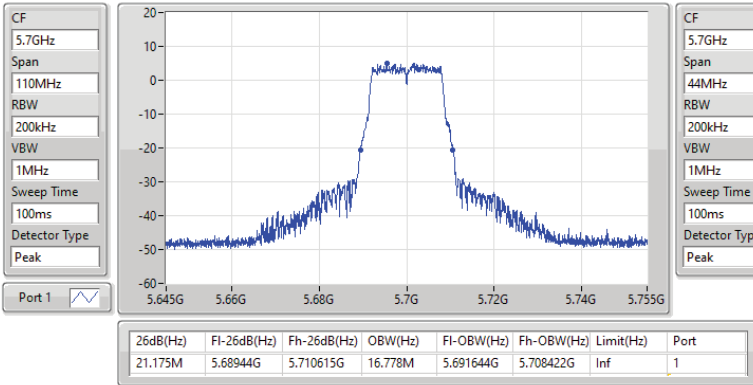


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5700MHz

24/12/2022

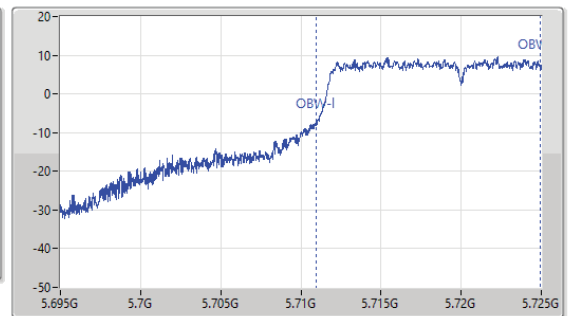
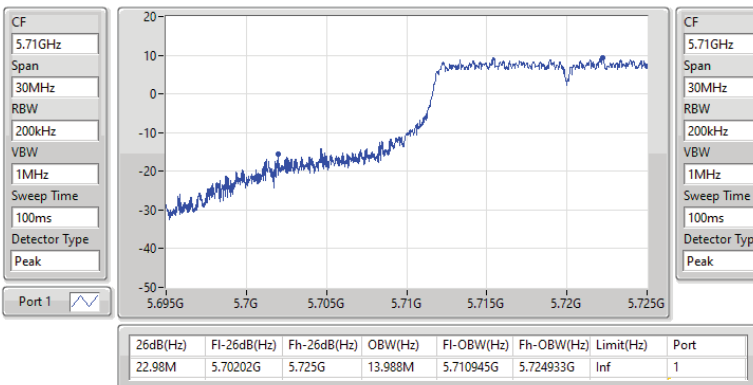


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5720MHz Straddle 5.47-5.725GHz

24/12/2022

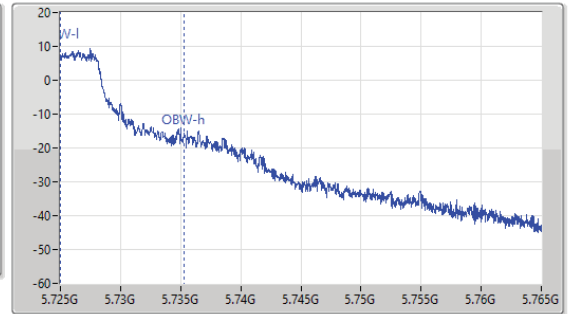
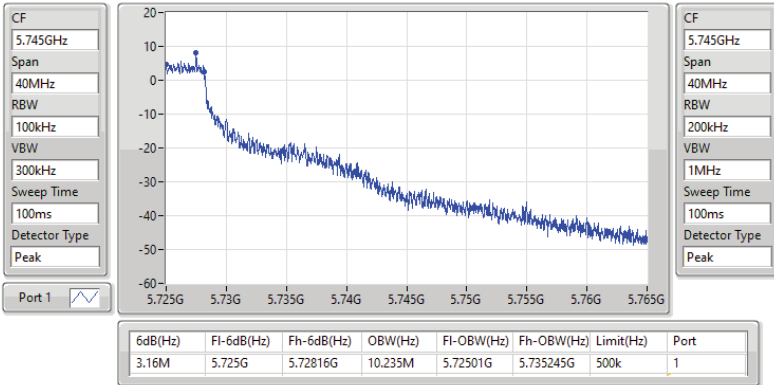


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

24/12/2022

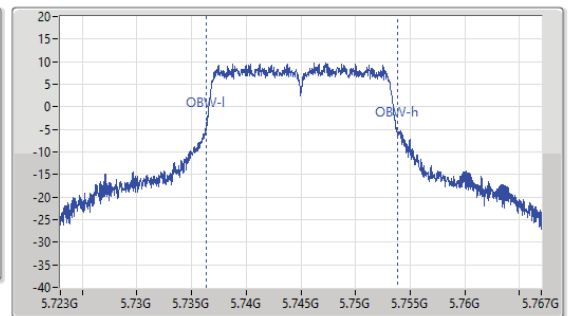
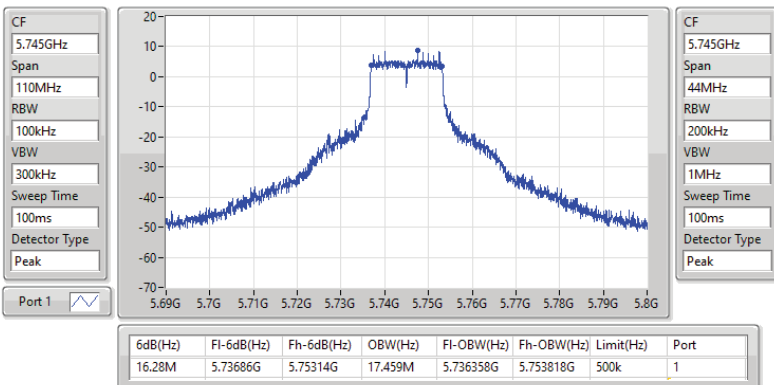


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5745MHz

24/12/2022

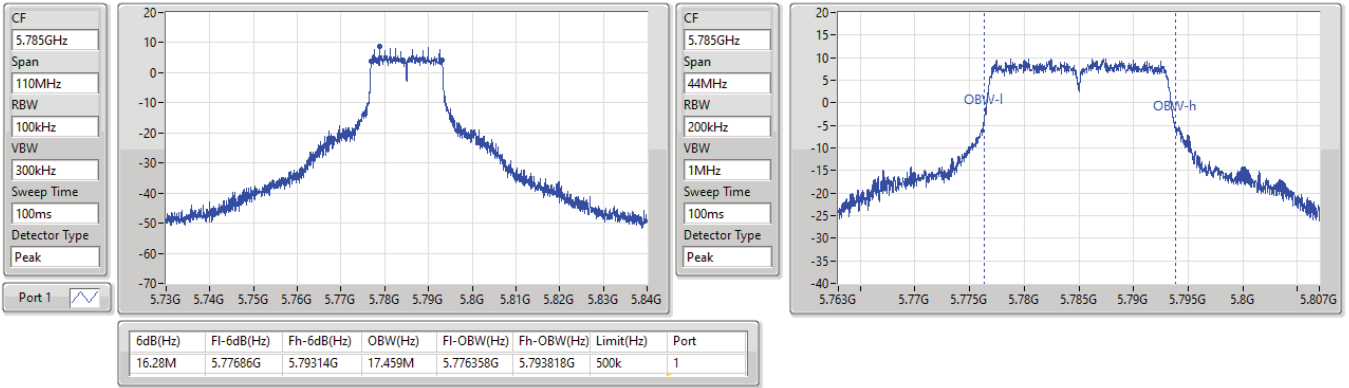


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5785MHz

24/12/2022

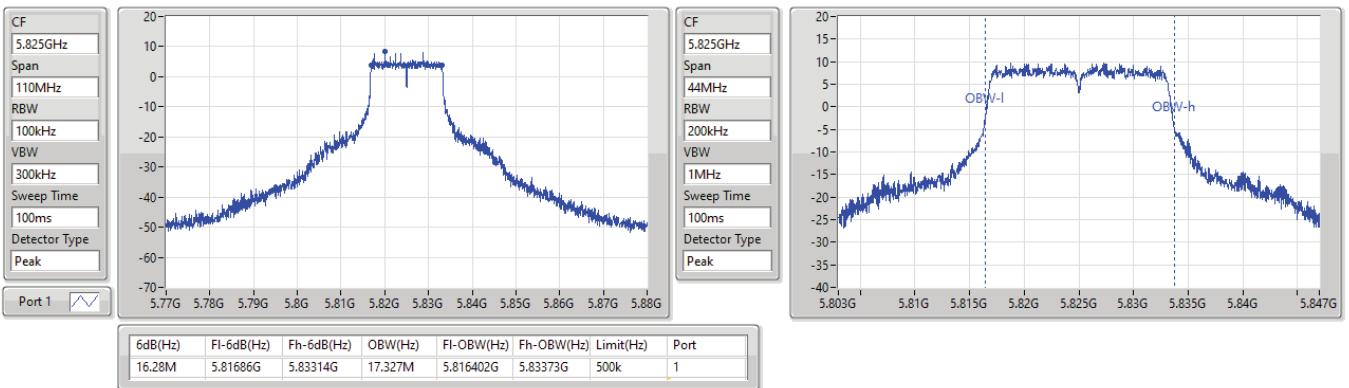


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5825MHz

24/12/2022

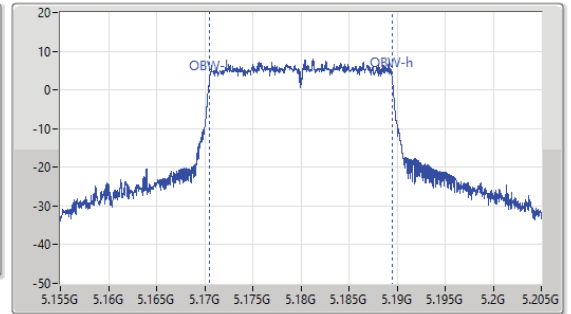
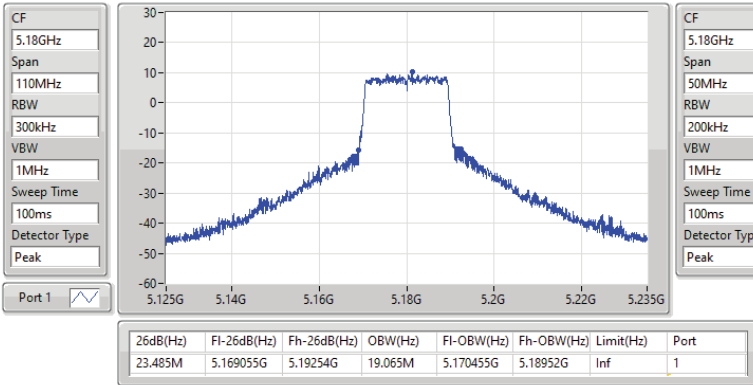


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5180MHz

24/12/2022

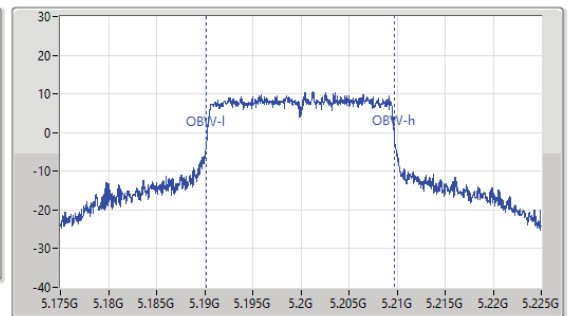
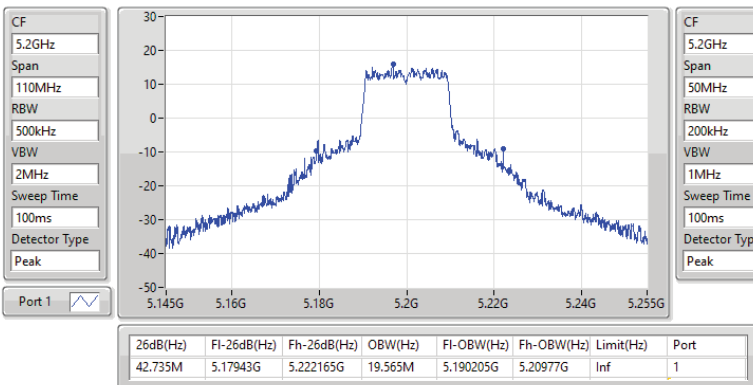


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5200MHz

24/12/2022

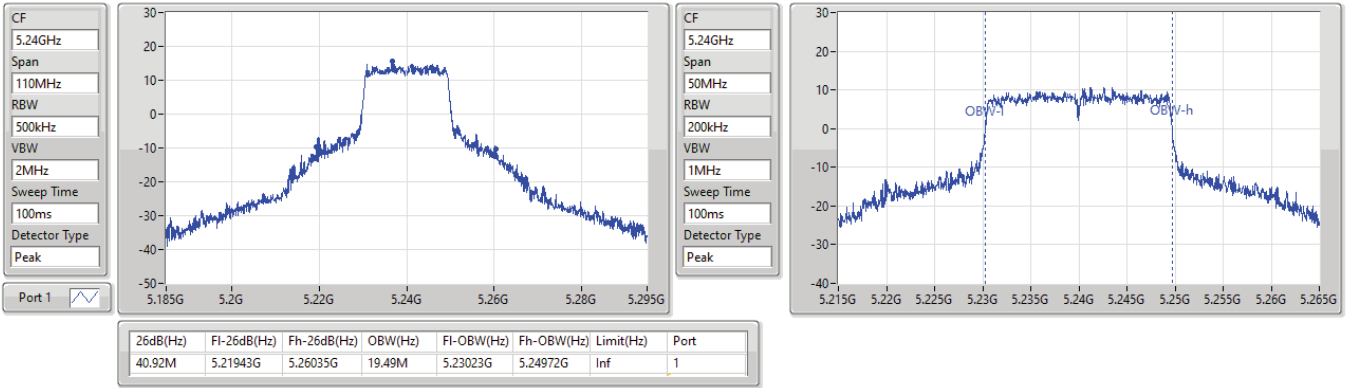


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5240MHz

24/12/2022

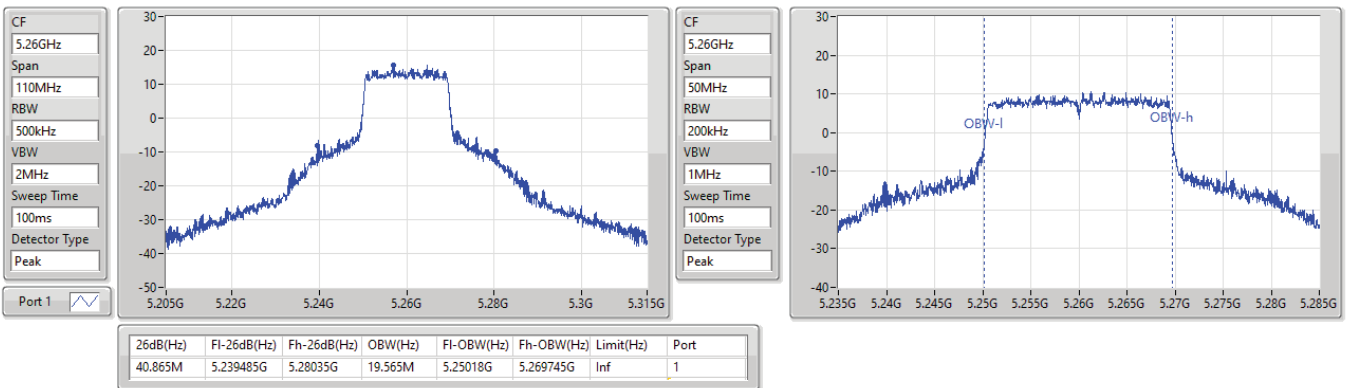


5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5260MHz

24/12/2022

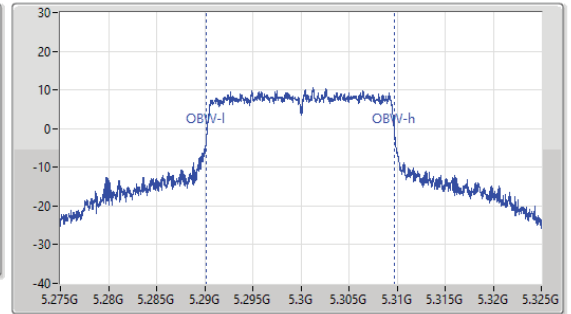
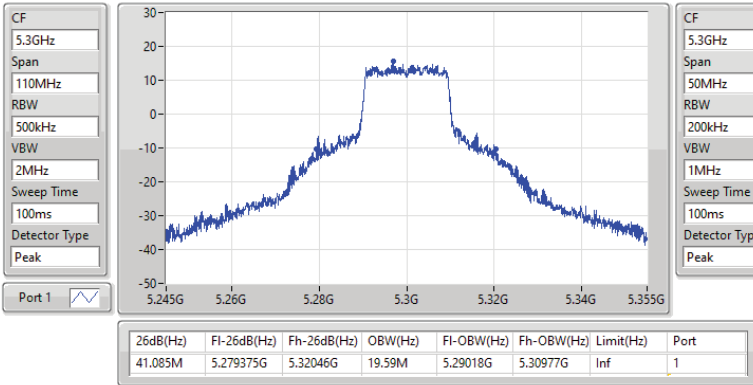


5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5300MHz

24/12/2022

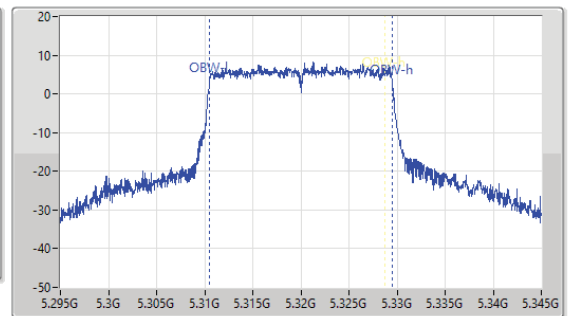
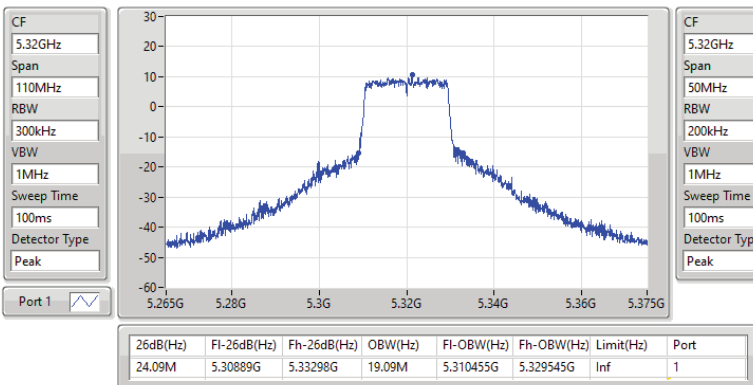


5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5320MHz

24/12/2022

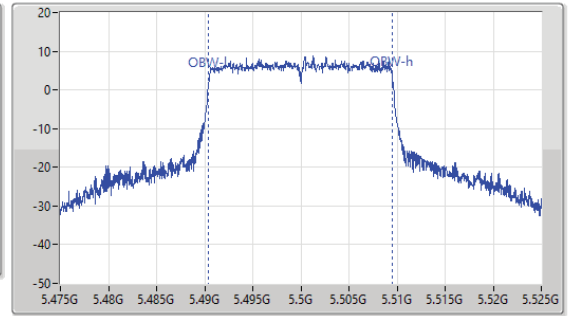
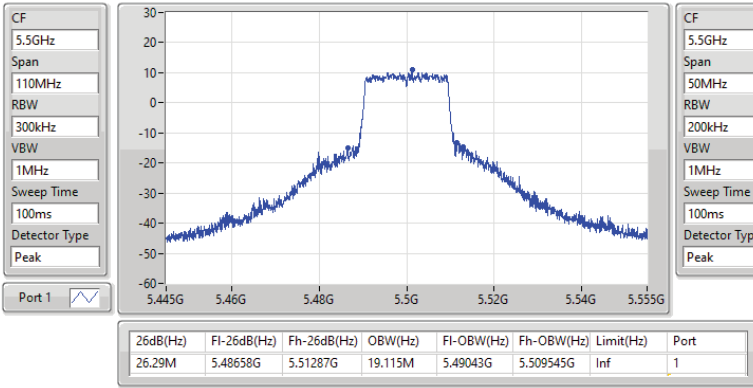


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5500MHz

24/12/2022

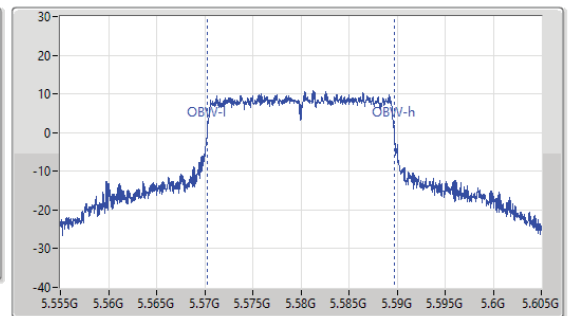
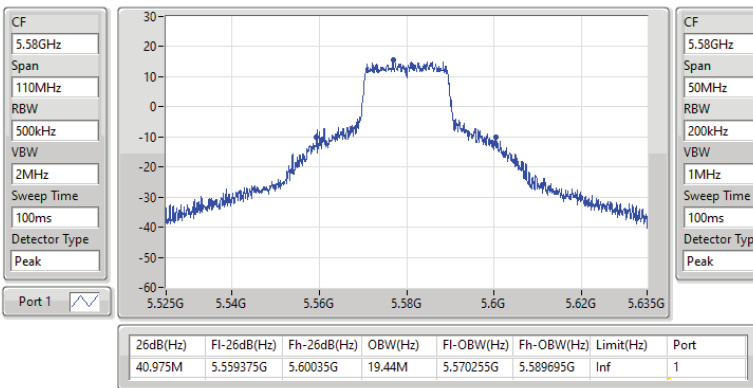


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5580MHz

24/12/2022

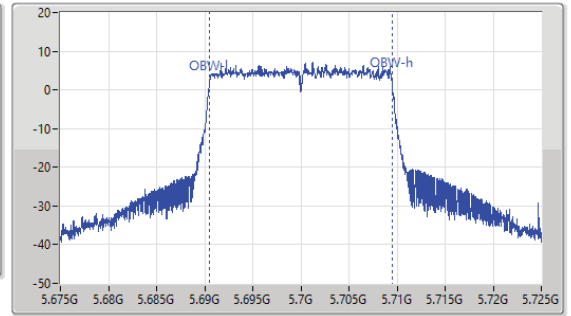
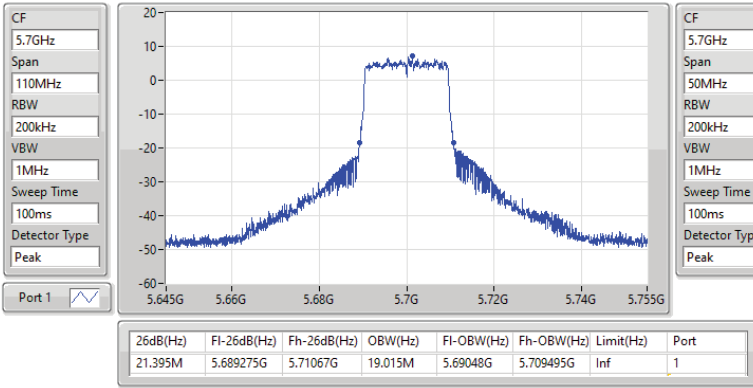


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5700MHz

24/12/2022

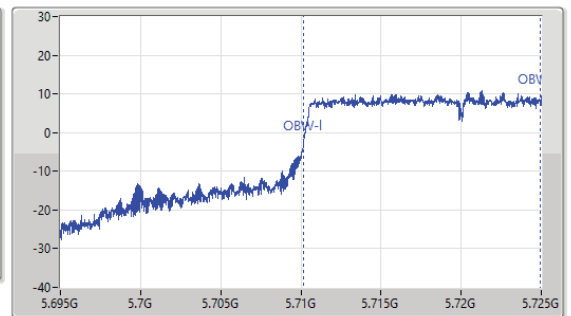
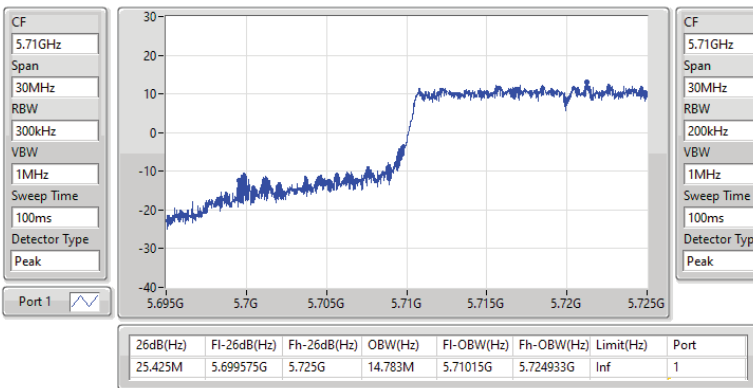


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.47-5.725GHz

24/12/2022

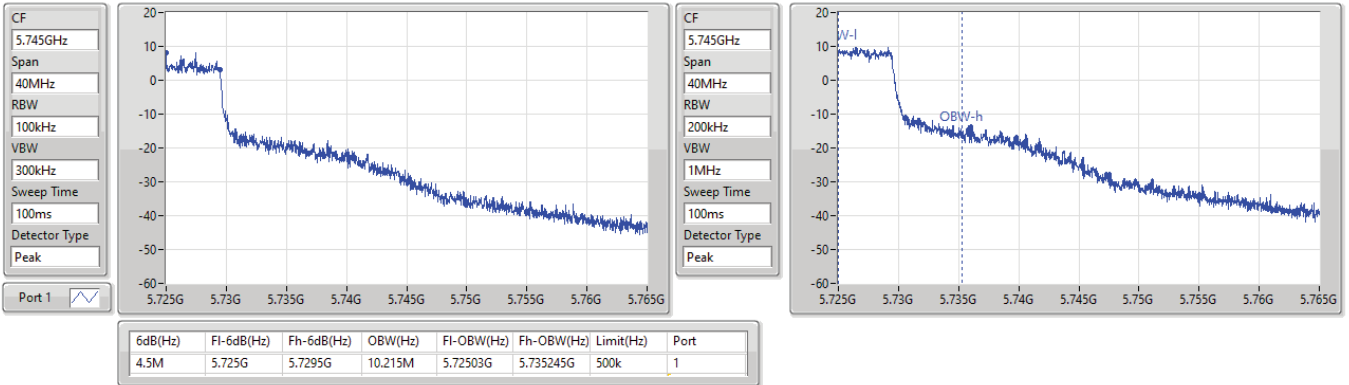


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

24/12/2022

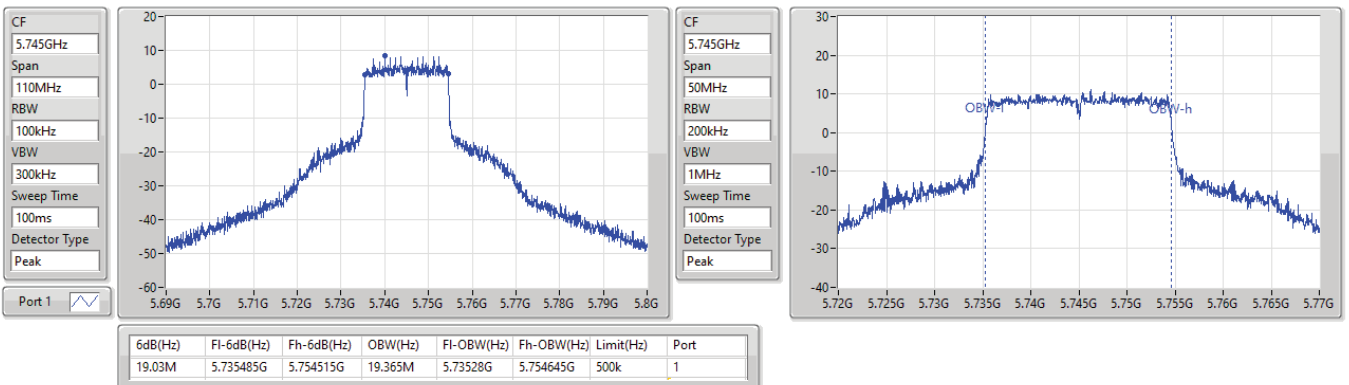


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5745MHz

24/12/2022

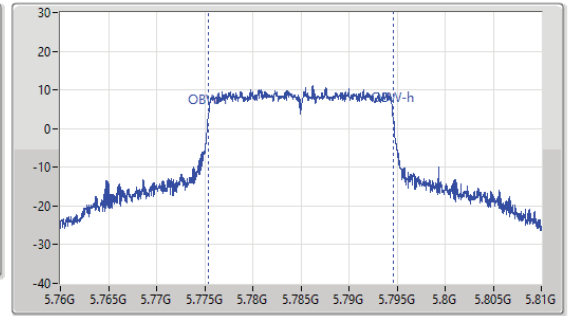
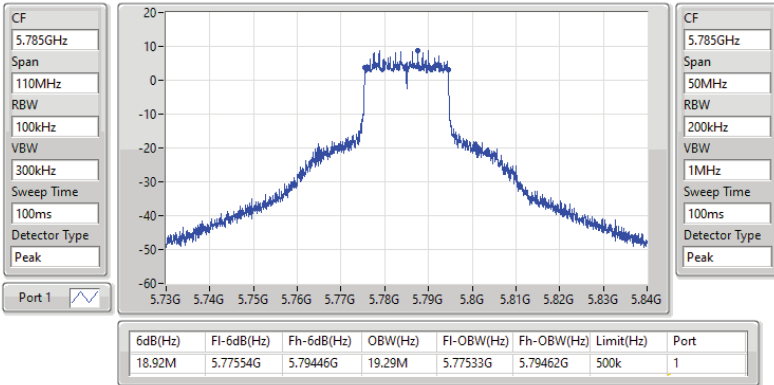


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5785MHz

24/12/2022

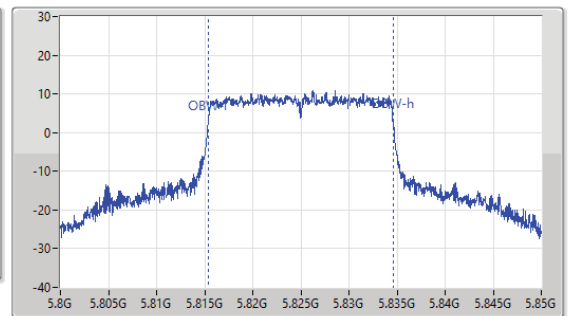
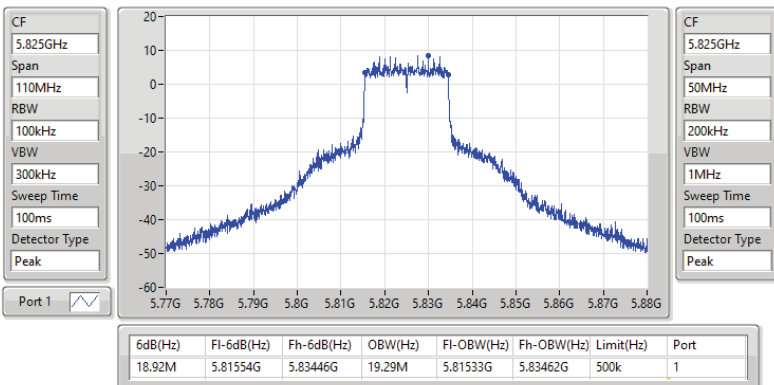


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5825MHz

24/12/2022

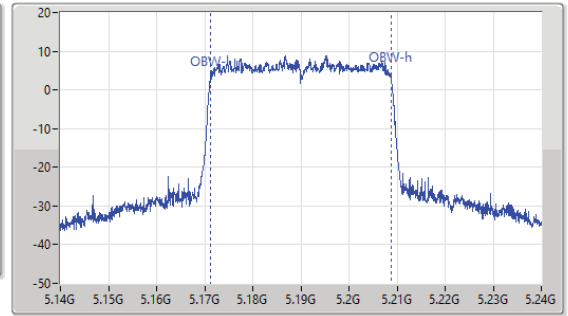
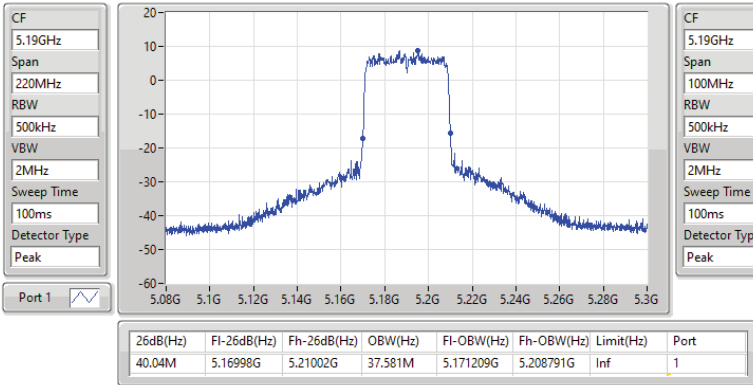


5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5190MHz

24/12/2022

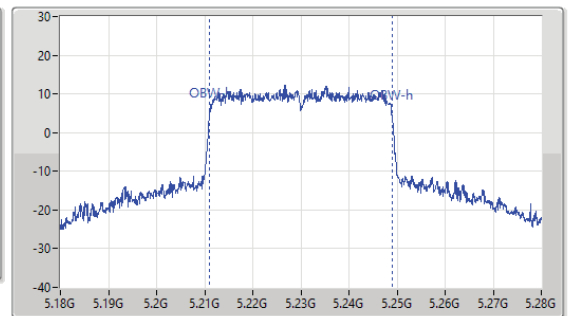
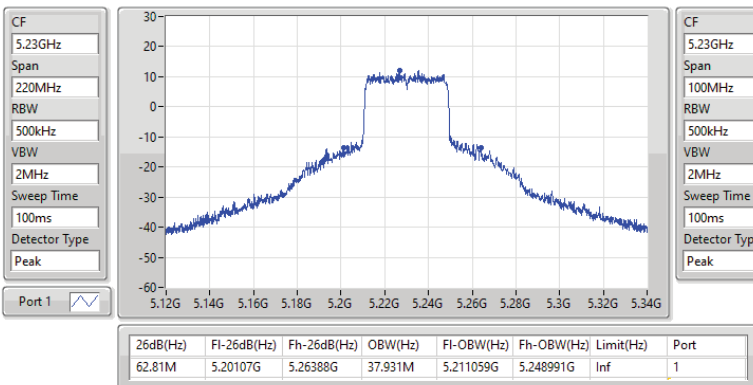


5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5230MHz

24/12/2022

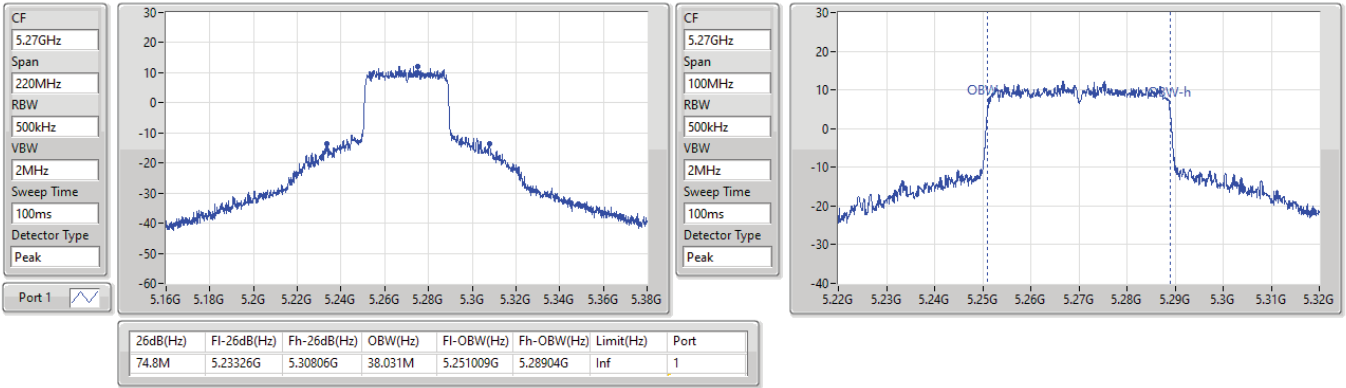


5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5270MHz

24/12/2022

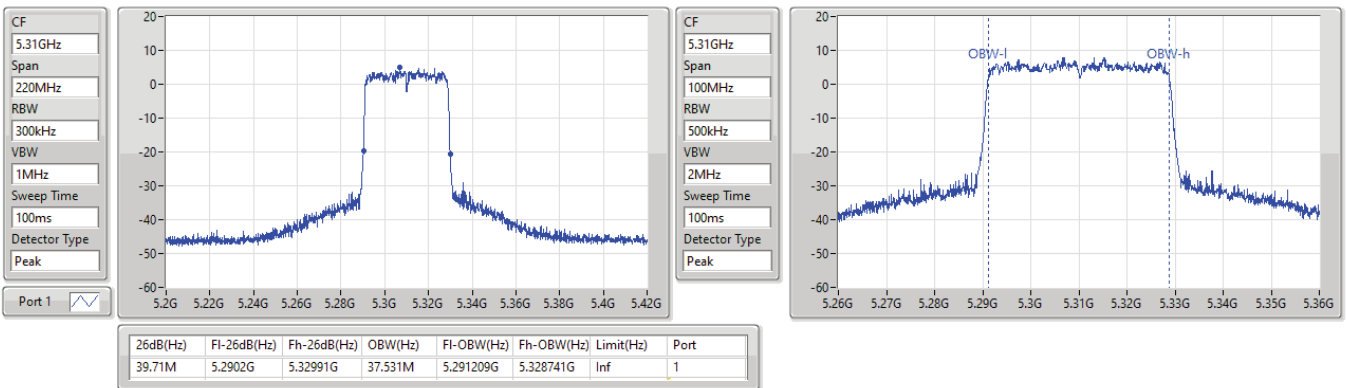


5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5310MHz

24/12/2022

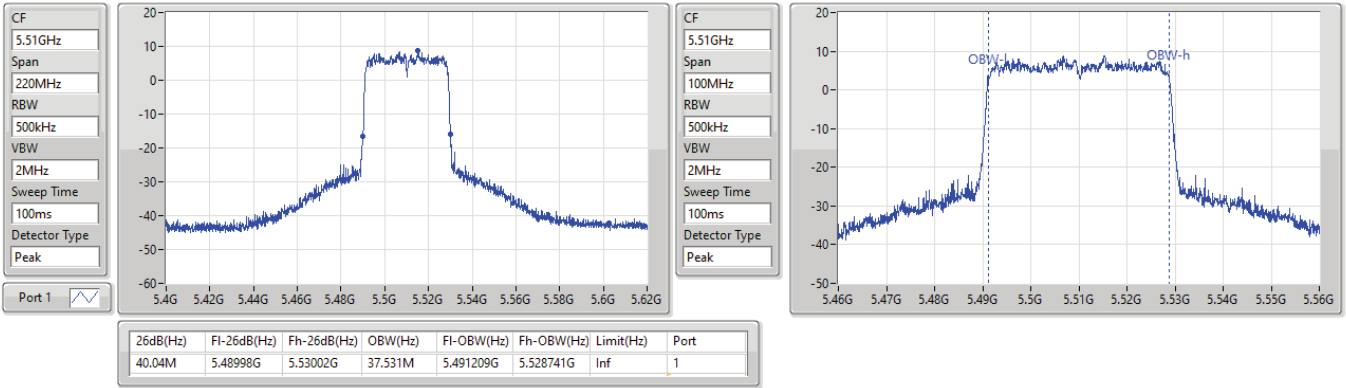


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5510MHz

24/12/2022

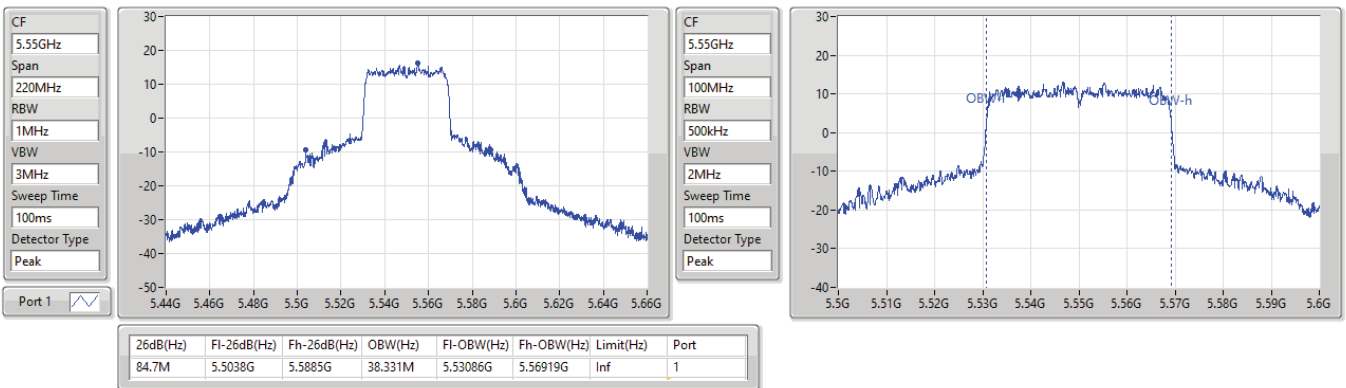


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5550MHz

24/12/2022

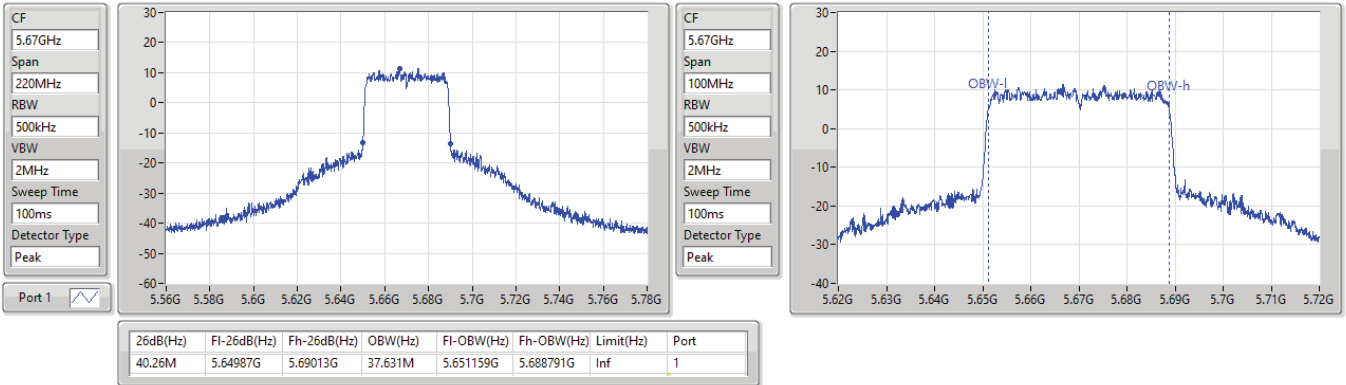


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5670MHz

24/12/2022

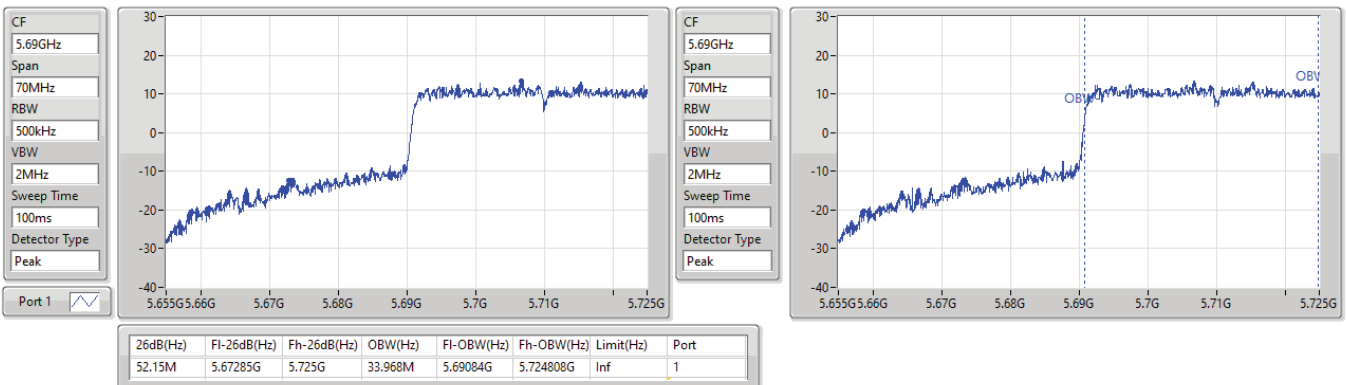


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.47-5.725GHz

24/12/2022

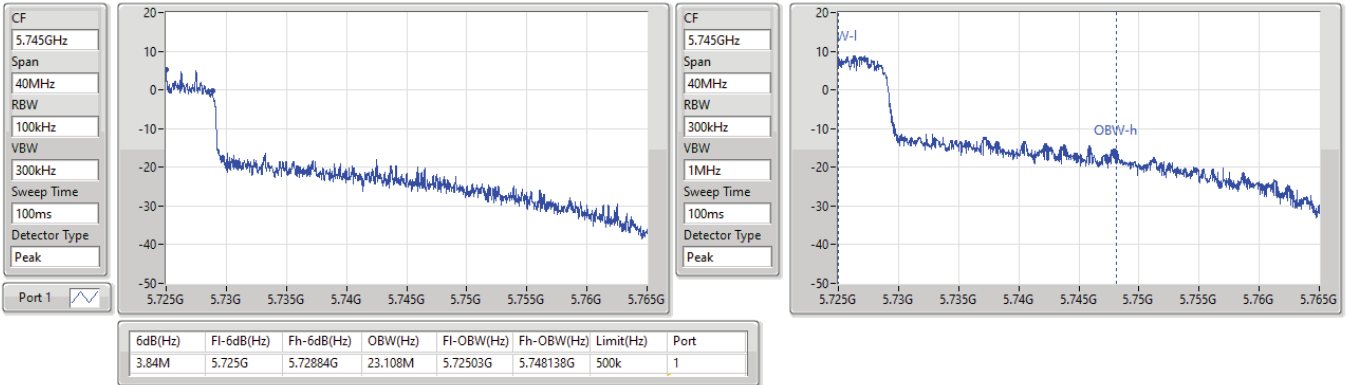


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.725-5.85GHz

24/12/2022

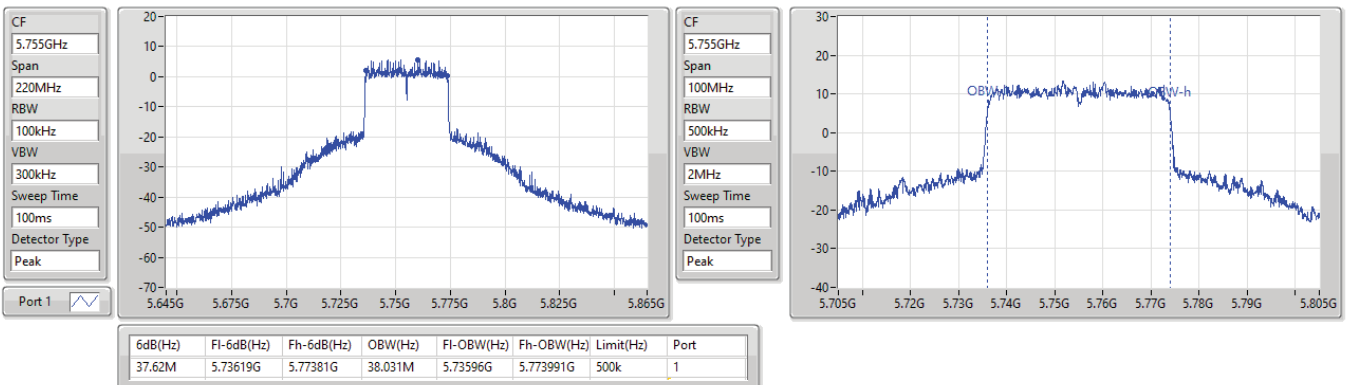


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5755MHz

24/12/2022

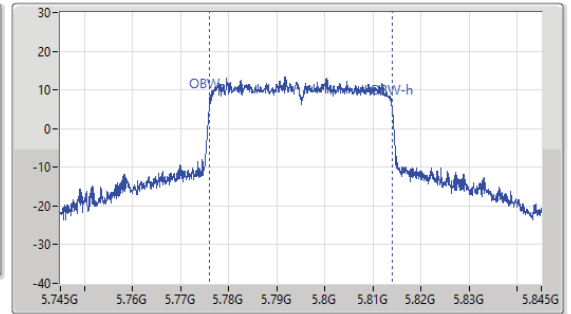
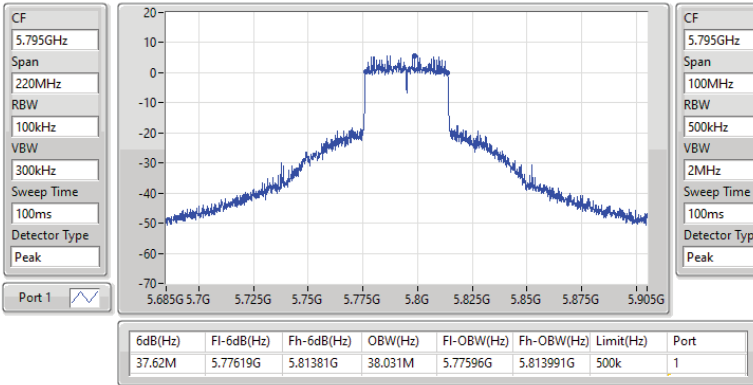


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5795MHz

24/12/2022

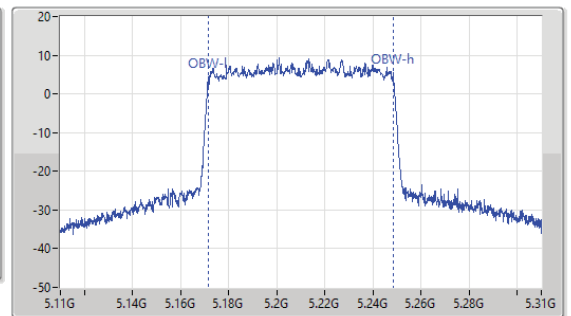
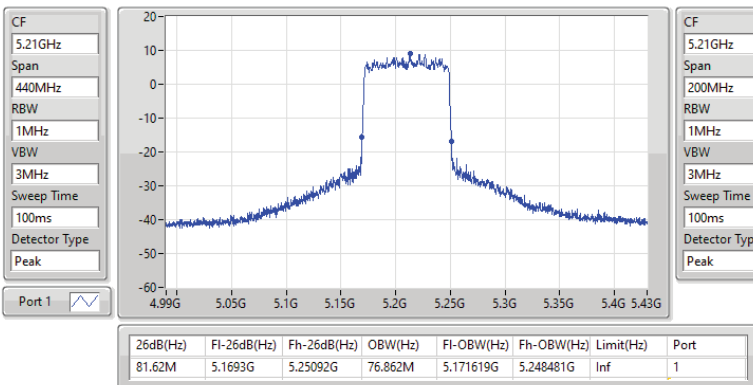


5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5210MHz

24/12/2022



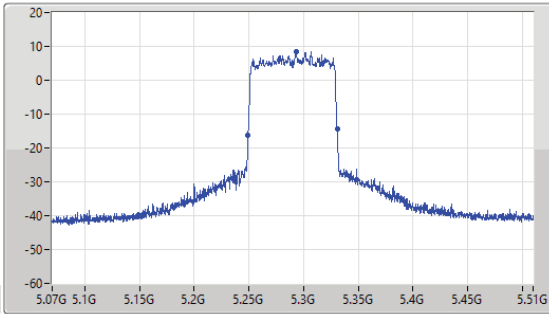
5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

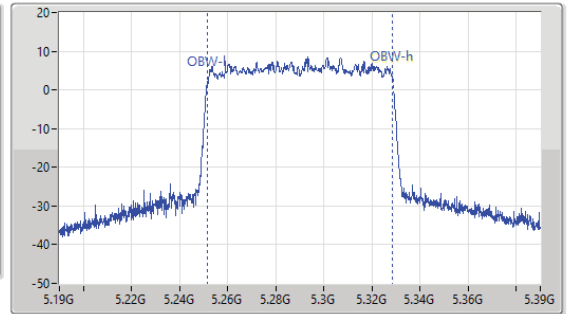
5290MHz

24/12/2022

CF
5.29GHz
Span
440MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.29GHz
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	5.2493G	5.33092G	76.762M	5.251719G	5.328481G	Inf	1

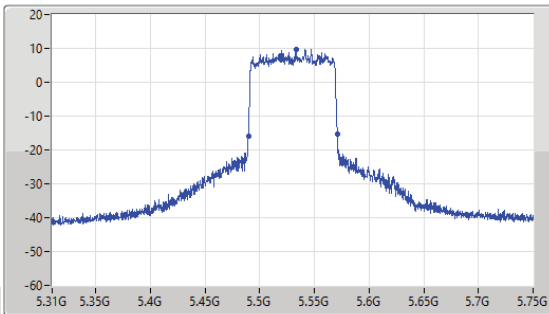
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

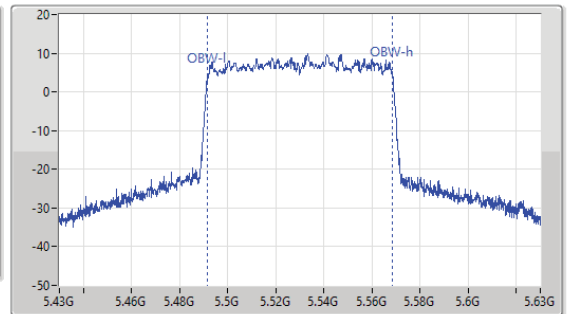
5530MHz

24/12/2022

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



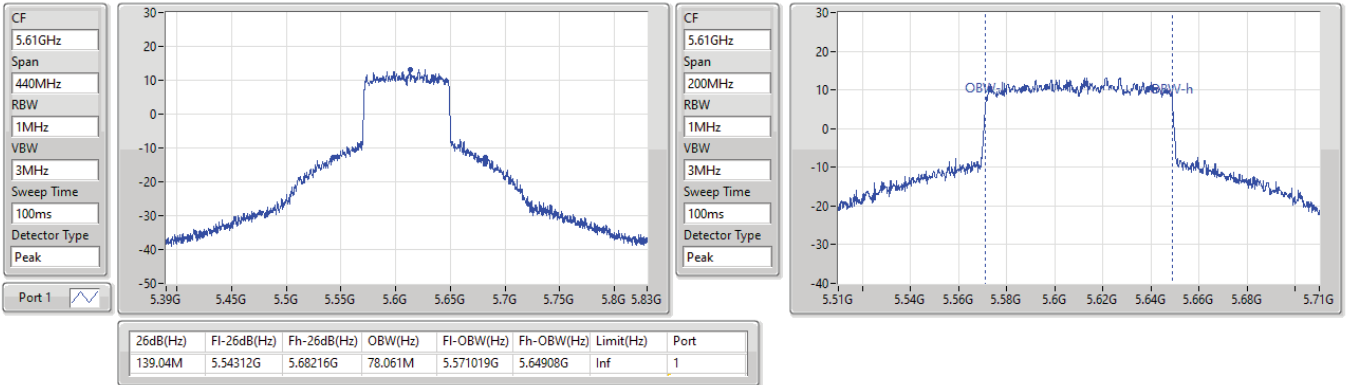
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.4M	5.48952G	5.57092G	76.862M	5.491619G	5.568481G	Inf	1

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5610MHz

24/12/2022

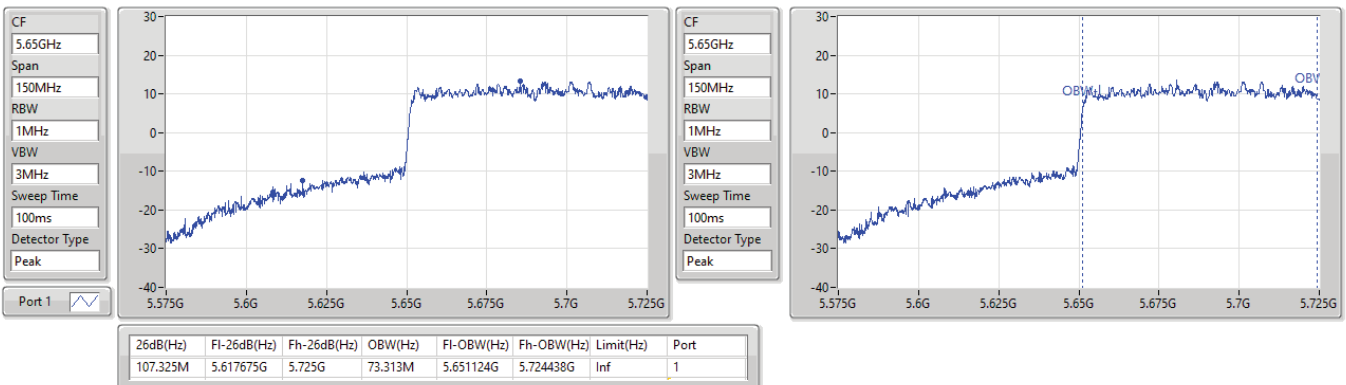


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.47-5.725GHz

24/12/2022

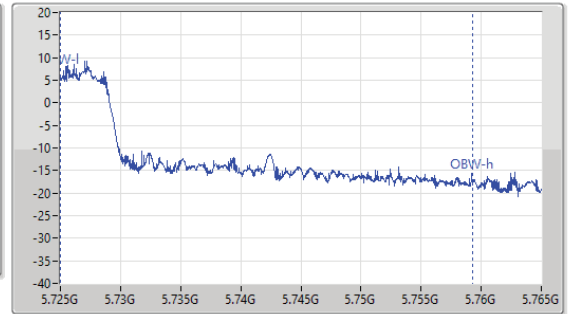
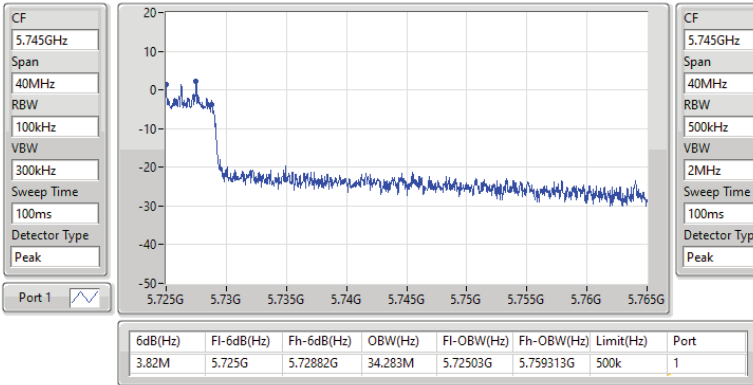


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.725-5.85GHz

24/12/2022

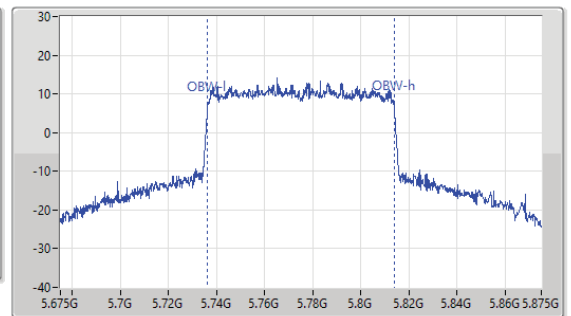
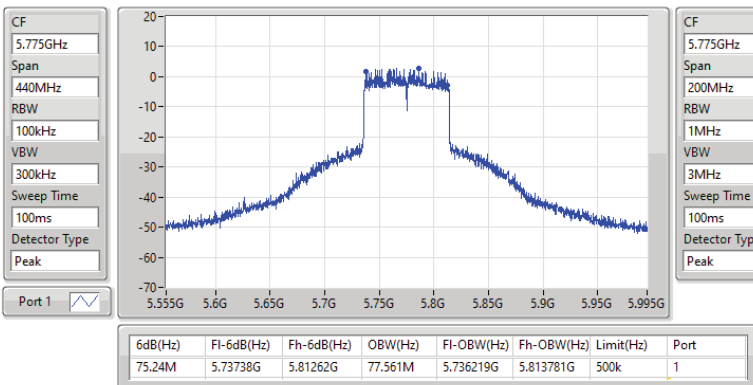


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5775MHz

24/12/2022





Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.22	0.20989	26.88	0.48753
802.11ax HEW20_Nss1,(MCS0)_2TX	23.60	0.22909	27.26	0.53211
802.11ax HEW40_Nss1,(MCS0)_2TX	23.24	0.21086	26.90	0.48978
802.11ax HEW80_Nss1,(MCS0)_2TX	18.96	0.07870	22.62	0.18281
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.21	0.20941	26.87	0.48641
802.11ax HEW20_Nss1,(MCS0)_2TX	23.44	0.22080	27.10	0.51286
802.11ax HEW40_Nss1,(MCS0)_2TX	23.22	0.20989	26.88	0.48753
802.11ax HEW80_Nss1,(MCS0)_2TX	19.04	0.08017	22.70	0.18621
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.08	0.16144	25.74	0.37497
802.11ax HEW20_Nss1,(MCS0)_2TX	22.83	0.19187	26.49	0.44566
802.11ax HEW40_Nss1,(MCS0)_2TX	22.83	0.19187	26.49	0.44566
802.11ax HEW80_Nss1,(MCS0)_2TX	23.30	0.21380	26.96	0.49659
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.87	0.19364	26.53	0.44978
802.11ax HEW20_Nss1,(MCS0)_2TX	23.16	0.20701	26.82	0.48084
802.11ax HEW40_Nss1,(MCS0)_2TX	23.33	0.21528	26.99	0.50003
802.11ax HEW80_Nss1,(MCS0)_2TX	22.66	0.18450	26.32	0.42855



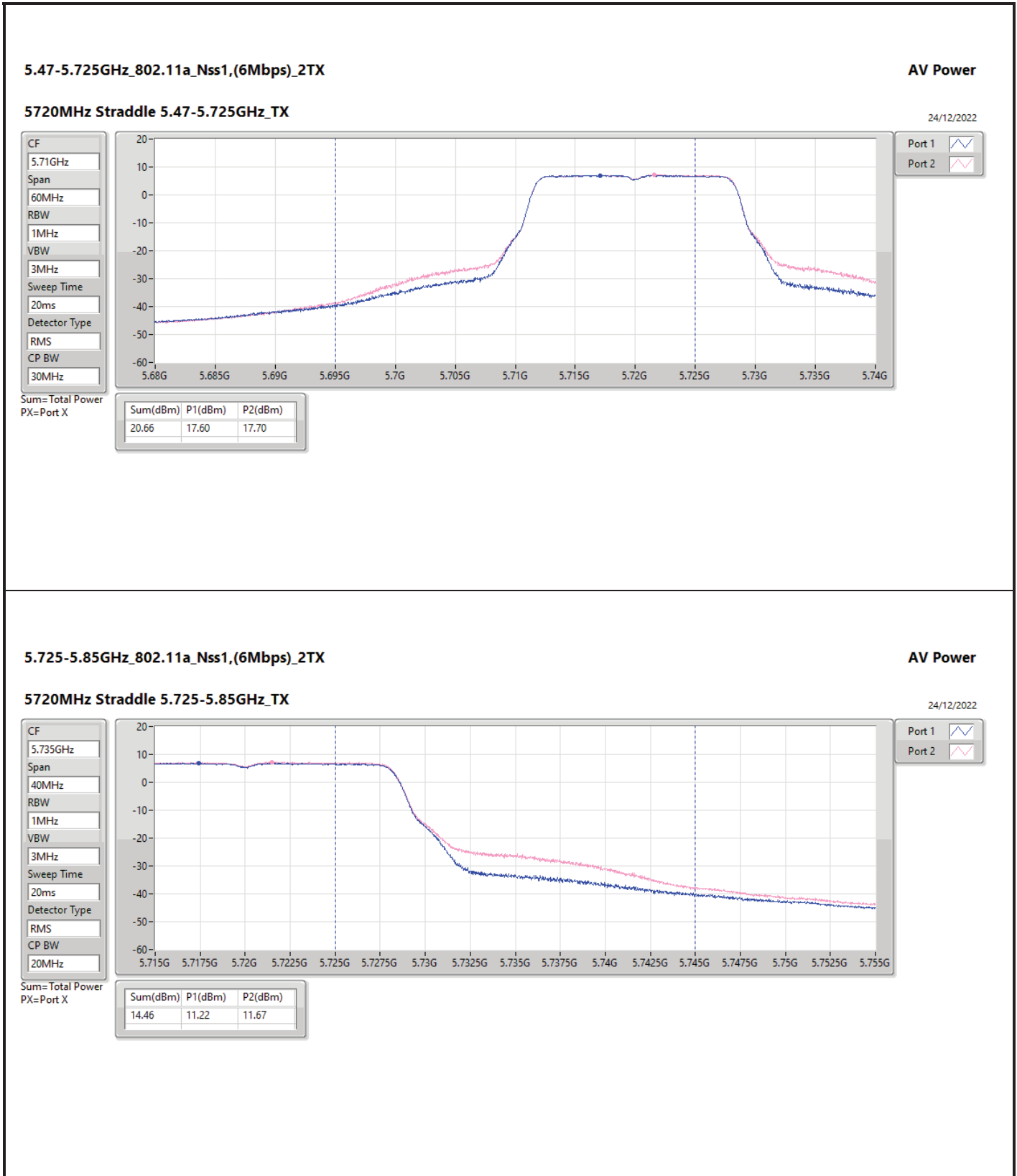
Average Power_Non-Beamforming_Radio 0

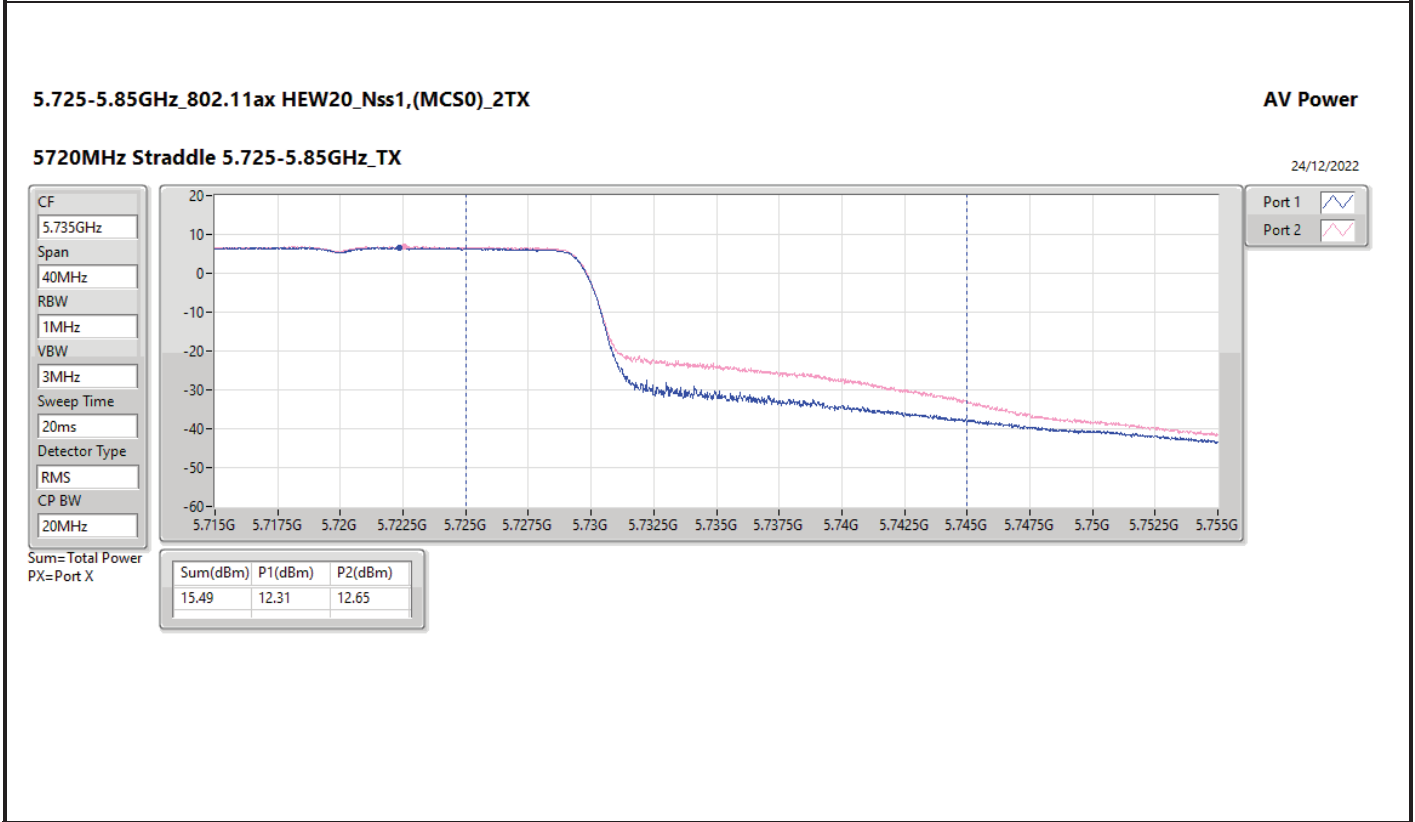
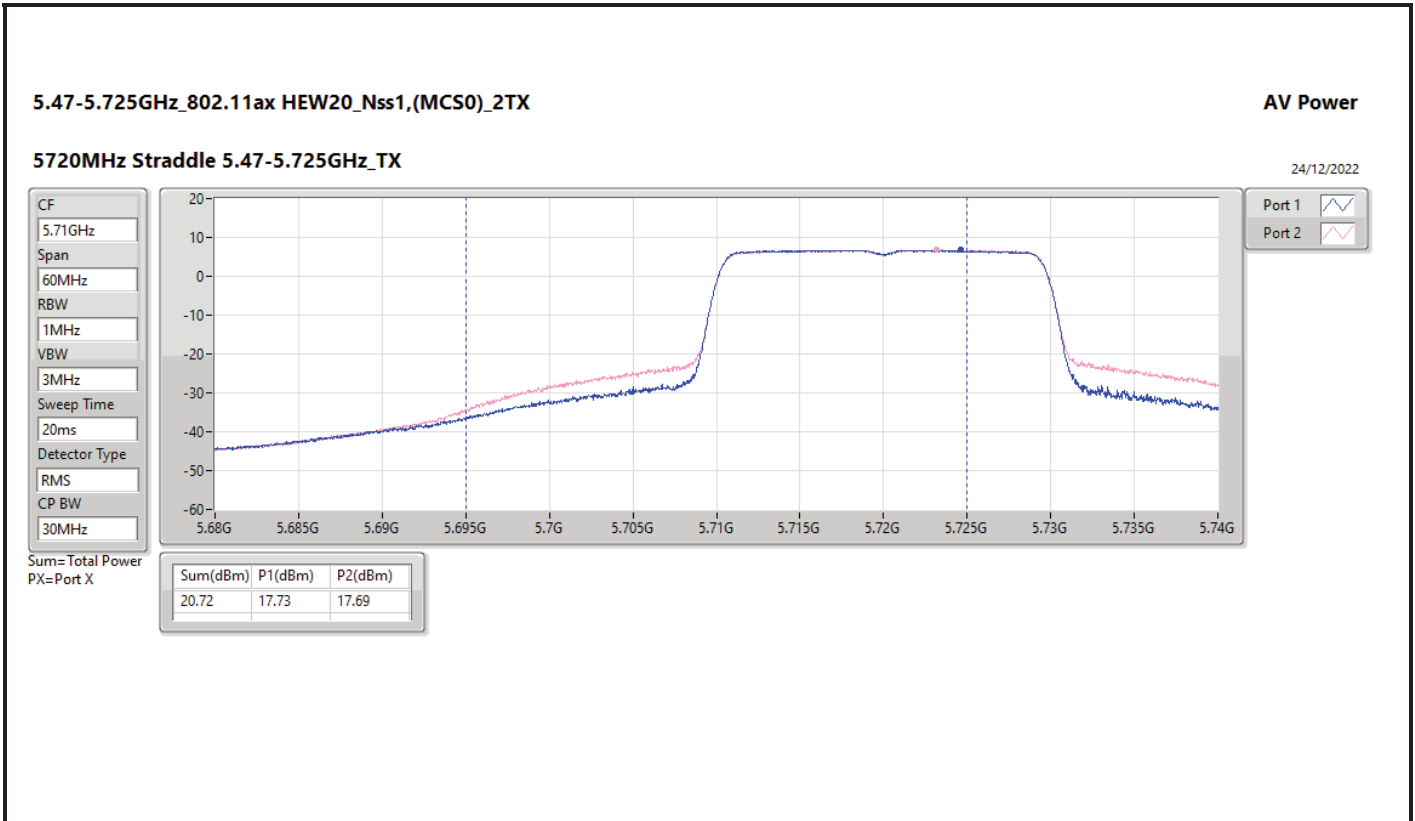
Appendix C.1

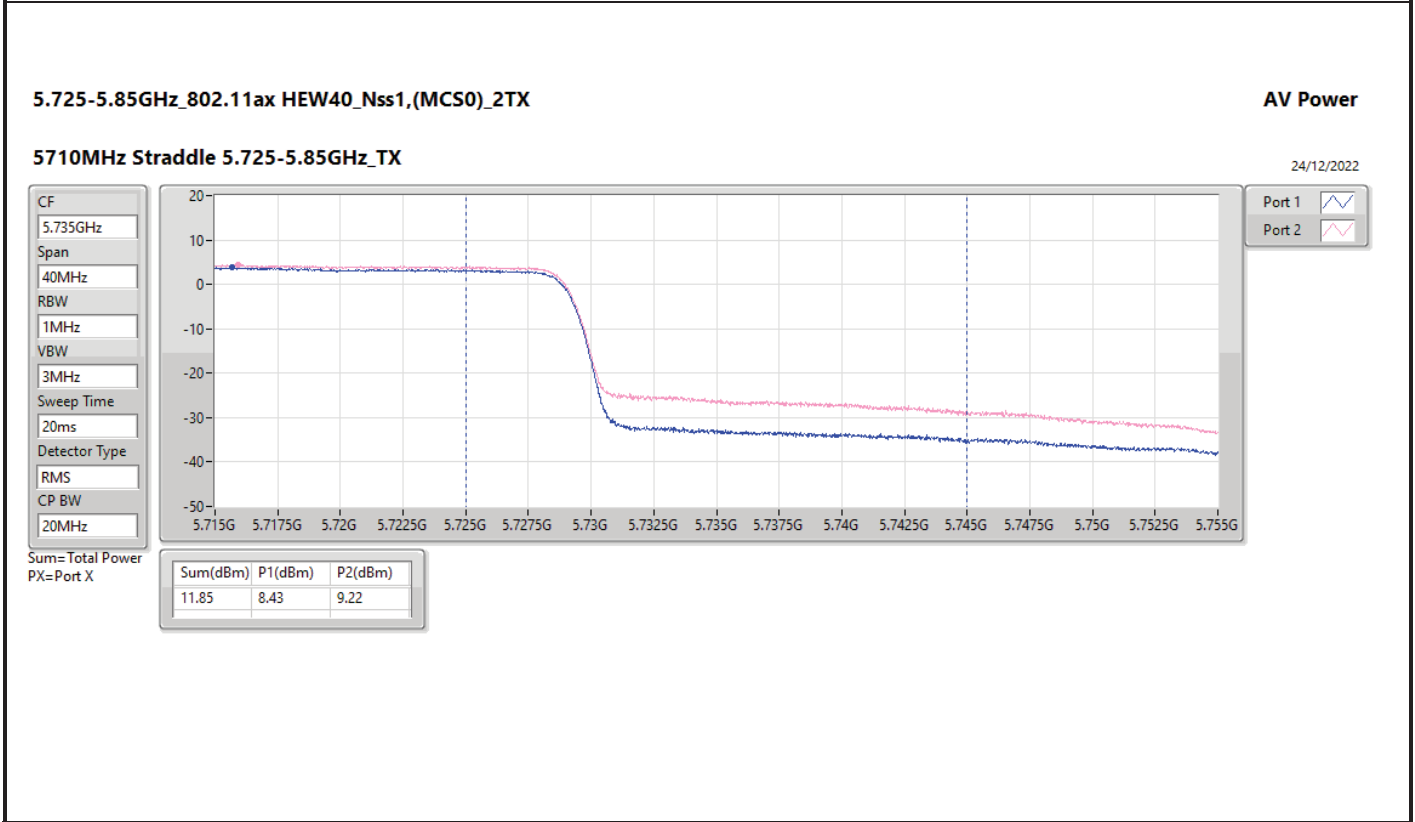
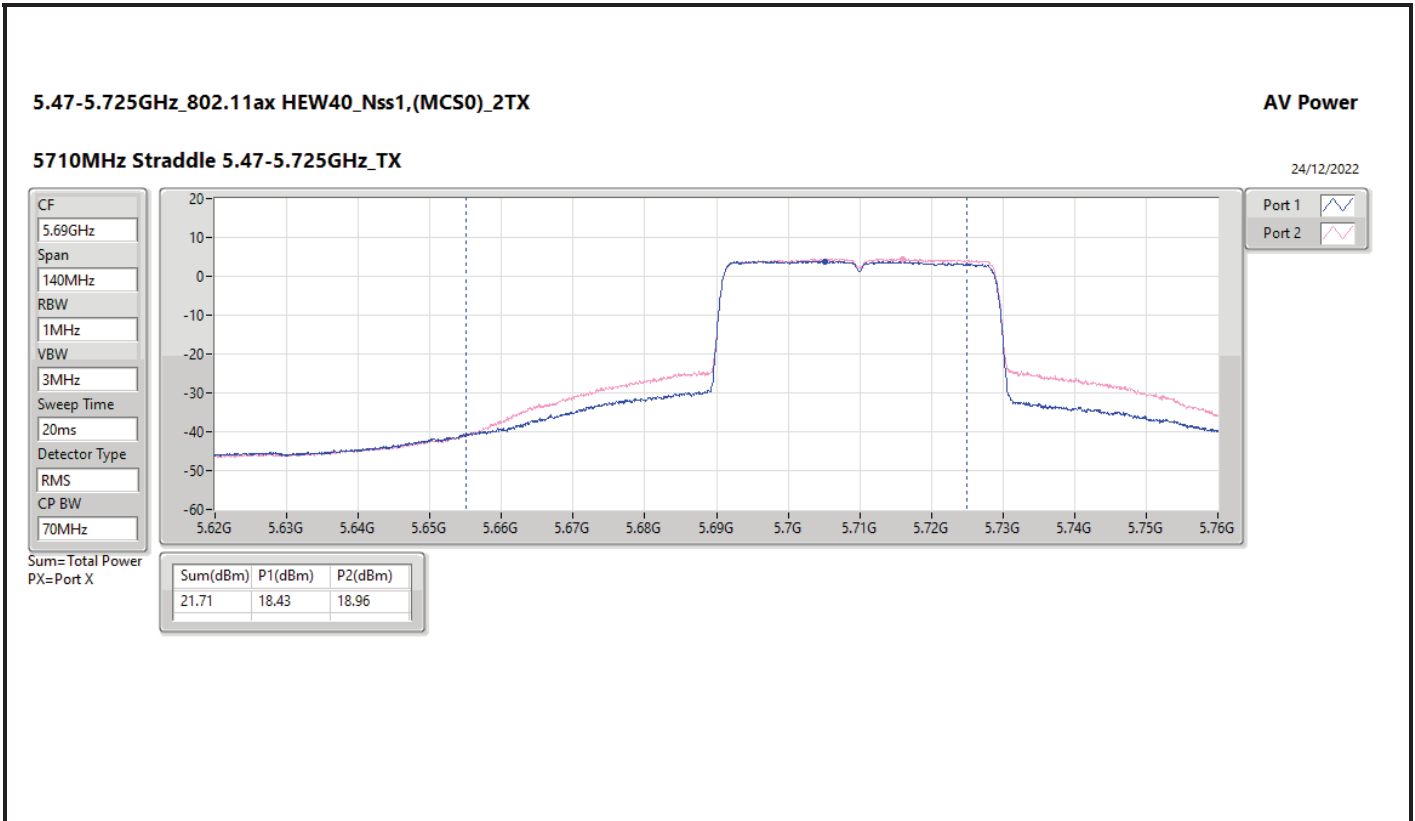
Result

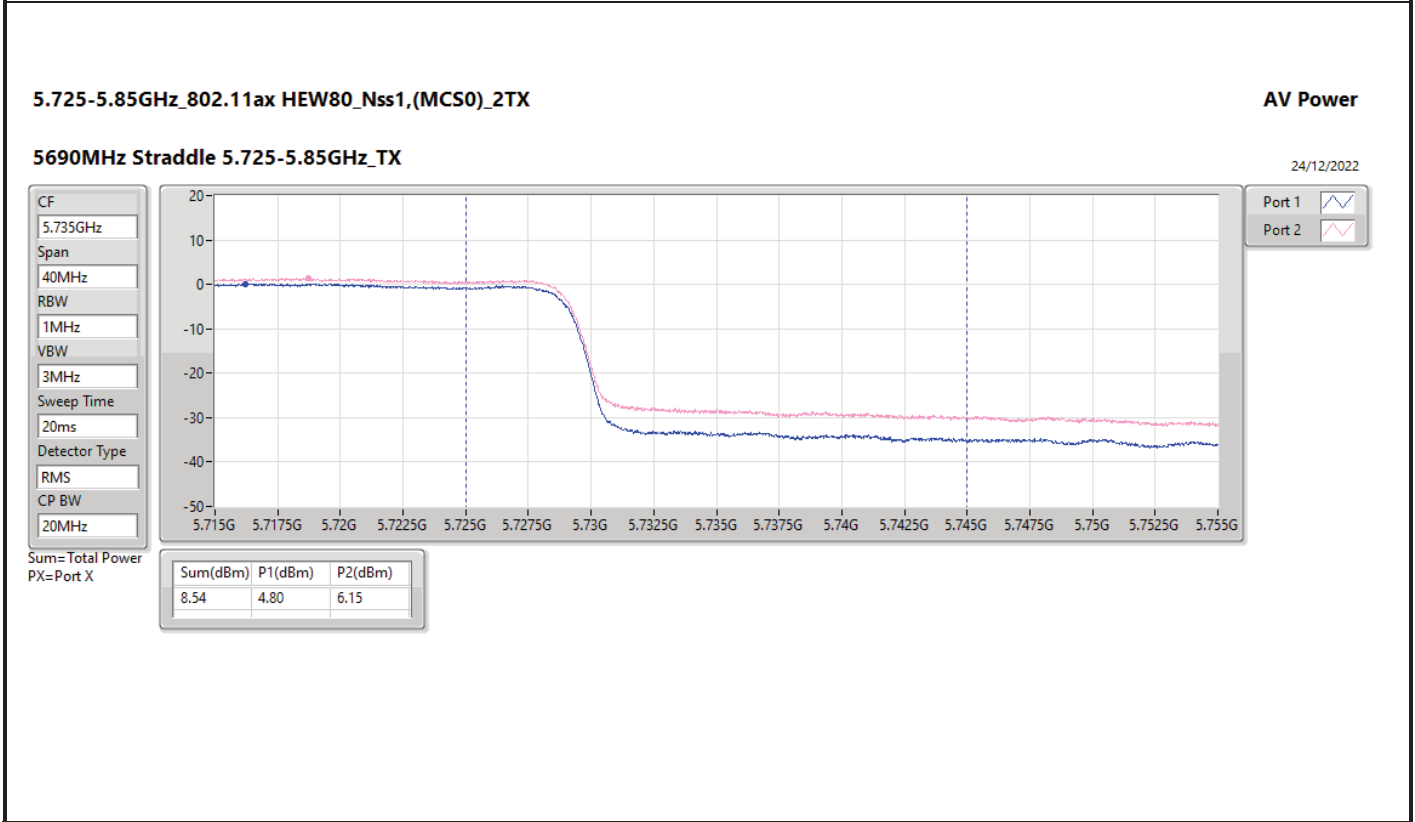
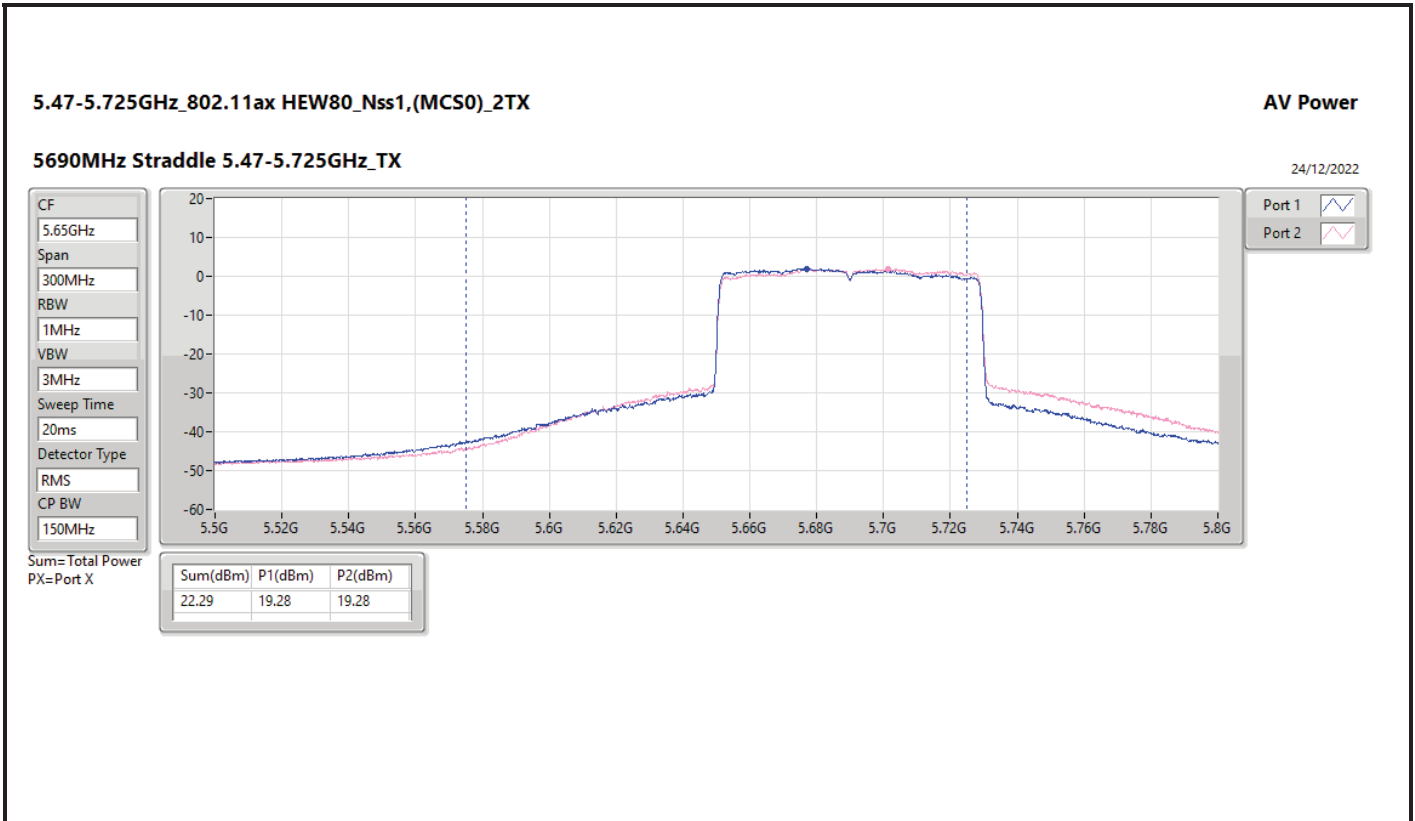
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.66	19.25	20.38	22.86	30.00	26.52	36.00
5200MHz	Pass	3.66	19.65	20.71	23.22	30.00	26.88	36.00
5240MHz	Pass	3.66	19.94	20.24	23.10	30.00	26.76	36.00
5260MHz	Pass	3.66	20.12	20.27	23.21	23.98	26.87	30.00
5300MHz	Pass	3.66	19.77	19.55	22.67	23.98	26.33	30.00
5320MHz	Pass	3.66	19.68	19.49	22.60	23.98	26.26	30.00
5500MHz	Pass	3.66	18.68	18.44	21.57	23.98	25.23	30.00
5580MHz	Pass	3.66	19.29	18.84	22.08	23.98	25.74	30.00
5700MHz	Pass	3.66	16.60	16.92	19.77	23.98	23.43	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.66	17.60	17.70	20.66	22.99	24.32	28.99
5720MHz Straddle 5.725-5.85GHz	Pass	3.66	11.22	11.67	14.46	30.00	18.12	36.00
5745MHz	Pass	3.66	19.78	19.94	22.87	30.00	26.53	36.00
5785MHz	Pass	3.66	19.33	19.70	22.53	30.00	26.19	36.00
5825MHz	Pass	3.66	18.14	18.53	21.35	30.00	25.01	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.66	18.60	19.30	21.97	30.00	25.63	36.00
5200MHz	Pass	3.66	19.92	21.17	23.60	30.00	27.26	36.00
5240MHz	Pass	3.66	20.21	20.51	23.37	30.00	27.03	36.00
5260MHz	Pass	3.66	20.35	20.51	23.44	23.98	27.10	30.00
5300MHz	Pass	3.66	20.08	20.09	23.10	23.98	26.76	30.00
5320MHz	Pass	3.66	18.91	18.74	21.84	23.98	25.50	30.00
5500MHz	Pass	3.66	19.88	19.76	22.83	23.98	26.49	30.00
5580MHz	Pass	3.66	19.71	19.52	22.63	23.98	26.29	30.00
5700MHz	Pass	3.66	14.87	14.93	17.91	23.98	21.57	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.66	17.73	17.69	20.72	22.96	24.38	28.96
5720MHz Straddle 5.725-5.85GHz	Pass	3.66	12.31	12.65	15.49	30.00	19.15	36.00
5745MHz	Pass	3.66	20.13	20.17	23.16	30.00	26.82	36.00
5785MHz	Pass	3.66	19.58	19.85	22.73	30.00	26.39	36.00
5825MHz	Pass	3.66	18.36	18.83	21.61	30.00	25.27	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.66	17.00	17.45	20.24	30.00	23.90	36.00
5230MHz	Pass	3.66	20.31	20.15	23.24	30.00	26.90	36.00
5270MHz	Pass	3.66	20.01	20.40	23.22	23.98	26.88	30.00
5310MHz	Pass	3.66	16.43	16.51	19.48	23.98	23.14	30.00
5510MHz	Pass	3.66	18.66	18.46	21.57	23.98	25.23	30.00
5550MHz	Pass	3.66	19.93	19.71	22.83	23.98	26.49	30.00
5670MHz	Pass	3.66	17.79	18.01	20.91	23.98	24.57	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.66	18.43	18.96	21.71	23.98	25.37	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.66	8.43	9.22	11.85	30.00	15.51	36.00
5755MHz	Pass	3.66	20.75	19.85	23.33	30.00	26.99	36.00
5795MHz	Pass	3.66	20.05	19.40	22.75	30.00	26.41	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.66	16.07	15.83	18.96	30.00	22.62	36.00
5290MHz	Pass	3.66	15.98	16.07	19.04	23.98	22.70	30.00
5530MHz	Pass	3.66	17.74	17.63	20.70	23.98	24.36	30.00
5610MHz	Pass	3.66	20.30	20.27	23.30	23.98	26.96	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.66	19.28	19.28	22.29	23.98	25.95	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.66	4.80	6.15	8.54	30.00	12.20	36.00
5775MHz	Pass	3.66	19.76	19.54	22.66	30.00	26.32	36.00

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











Summary

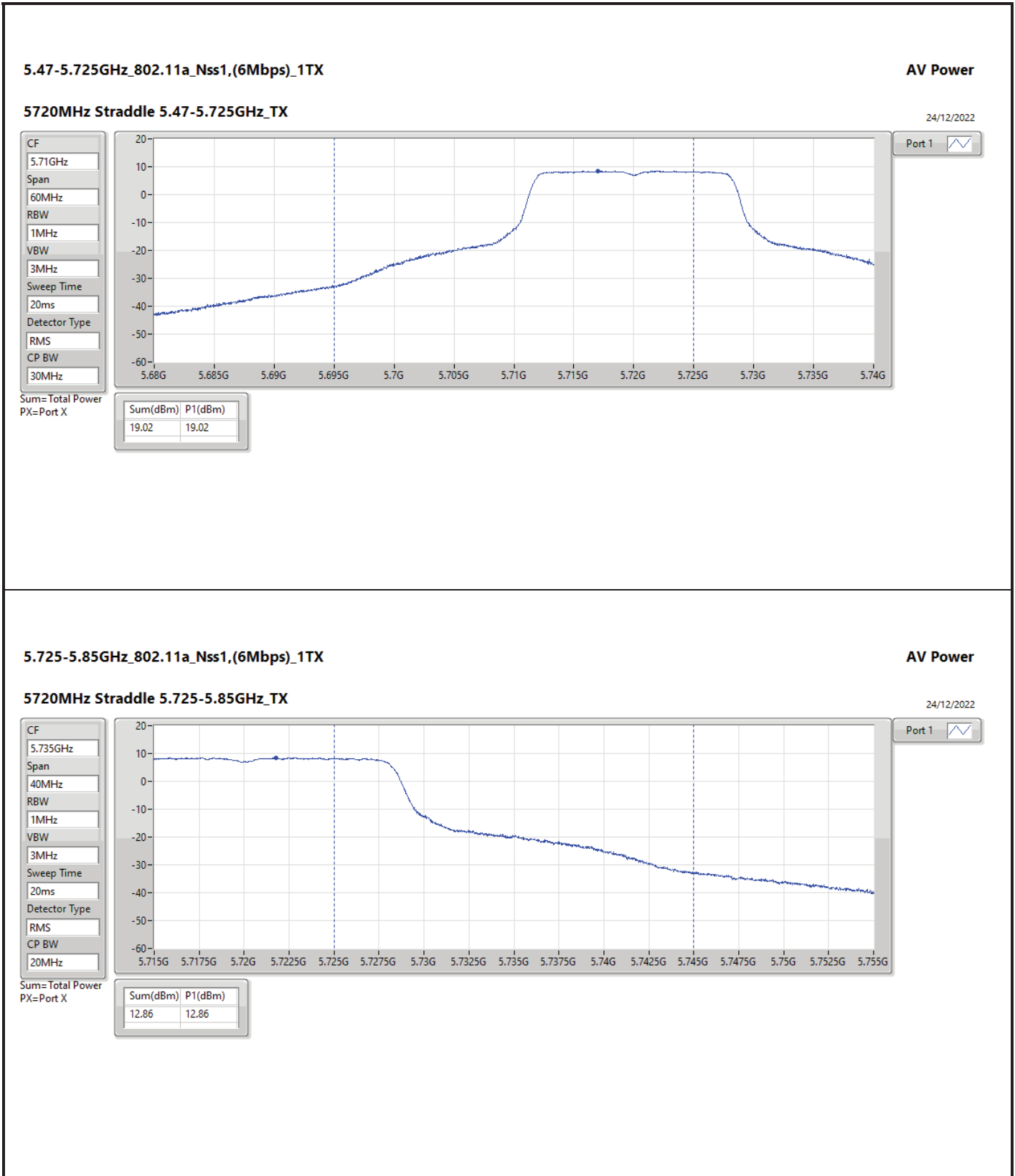
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.80	0.09550	23.14	0.20606
802.11ax HEW20_Nss1,(MCS0)_1TX	19.99	0.09977	23.33	0.21528
802.11ax HEW40_Nss1,(MCS0)_1TX	19.11	0.08147	22.45	0.17579
802.11ax HEW80_Nss1,(MCS0)_1TX	15.56	0.03597	18.90	0.07762
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.73	0.09397	23.07	0.20277
802.11ax HEW20_Nss1,(MCS0)_1TX	19.95	0.09886	23.29	0.21330
802.11ax HEW40_Nss1,(MCS0)_1TX	19.25	0.08414	22.59	0.18155
802.11ax HEW80_Nss1,(MCS0)_1TX	15.04	0.03192	18.38	0.06887
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.83	0.09616	23.17	0.20749
802.11ax HEW20_Nss1,(MCS0)_1TX	19.99	0.09977	23.33	0.21528
802.11ax HEW40_Nss1,(MCS0)_1TX	20.04	0.10093	23.38	0.21777
802.11ax HEW80_Nss1,(MCS0)_1TX	20.31	0.10740	23.65	0.23174
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.11	0.10257	23.45	0.22131
802.11ax HEW20_Nss1,(MCS0)_1TX	20.28	0.10666	23.62	0.23014
802.11ax HEW40_Nss1,(MCS0)_1TX	20.23	0.10544	23.57	0.22751
802.11ax HEW80_Nss1,(MCS0)_1TX	19.84	0.09638	23.18	0.20797

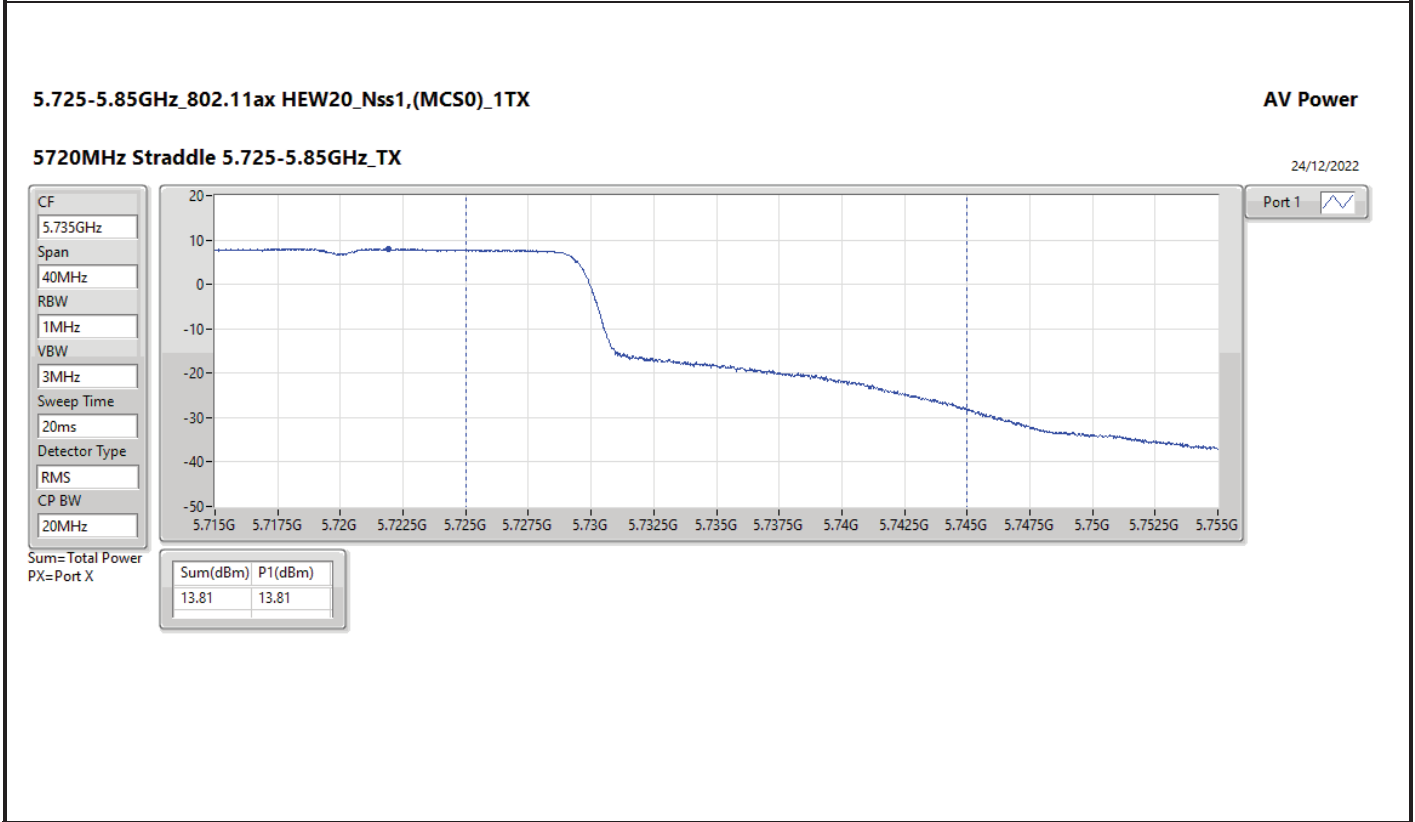
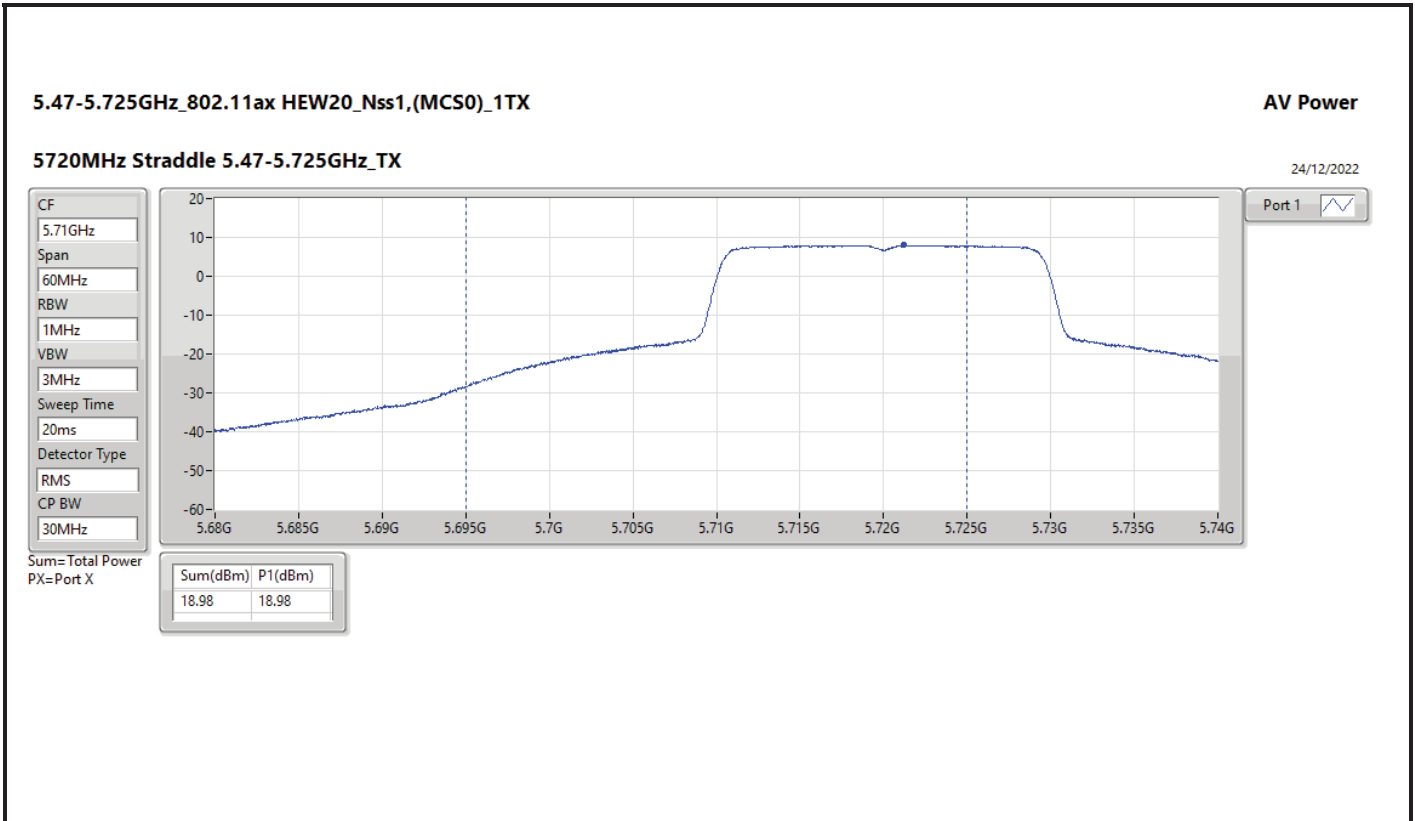


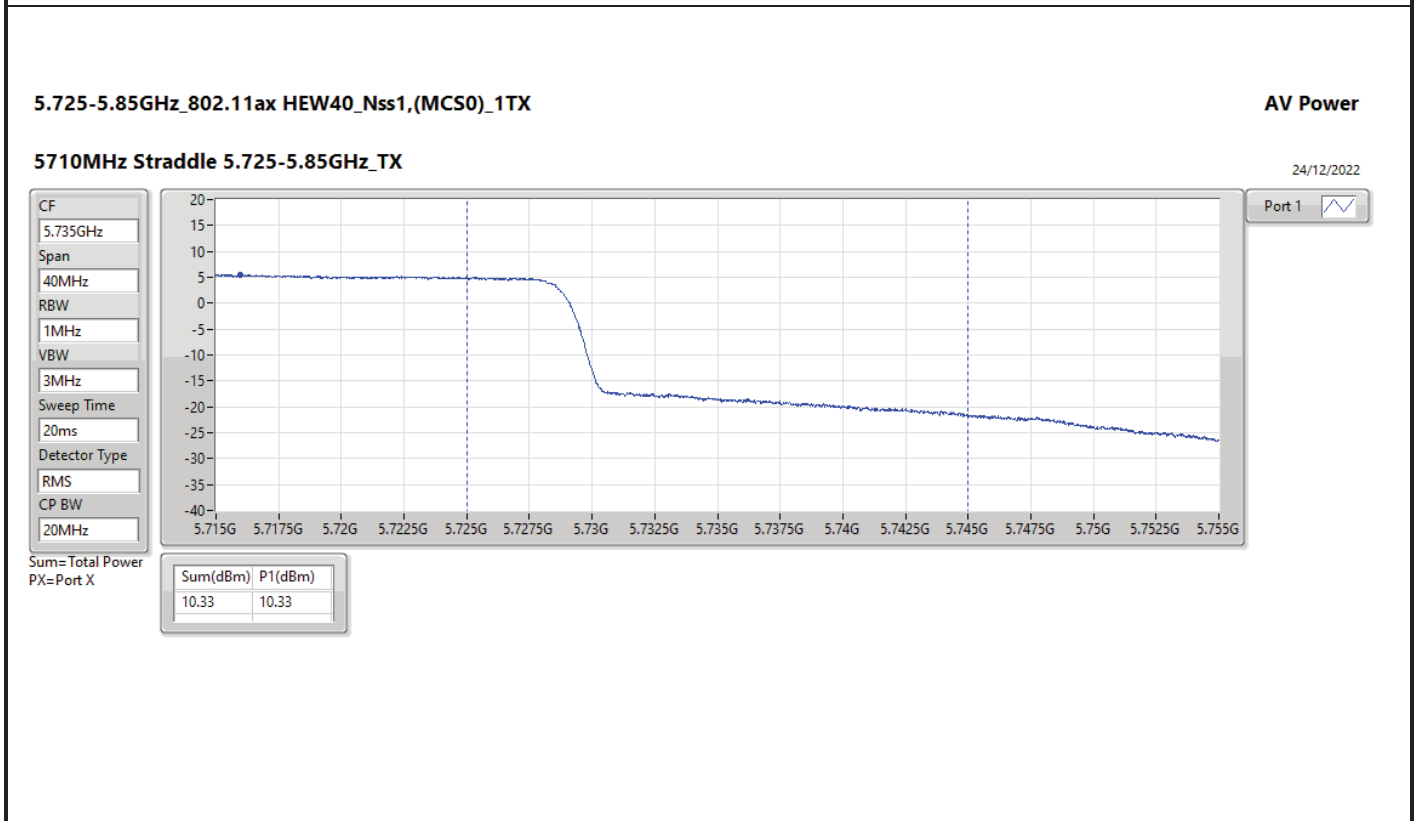
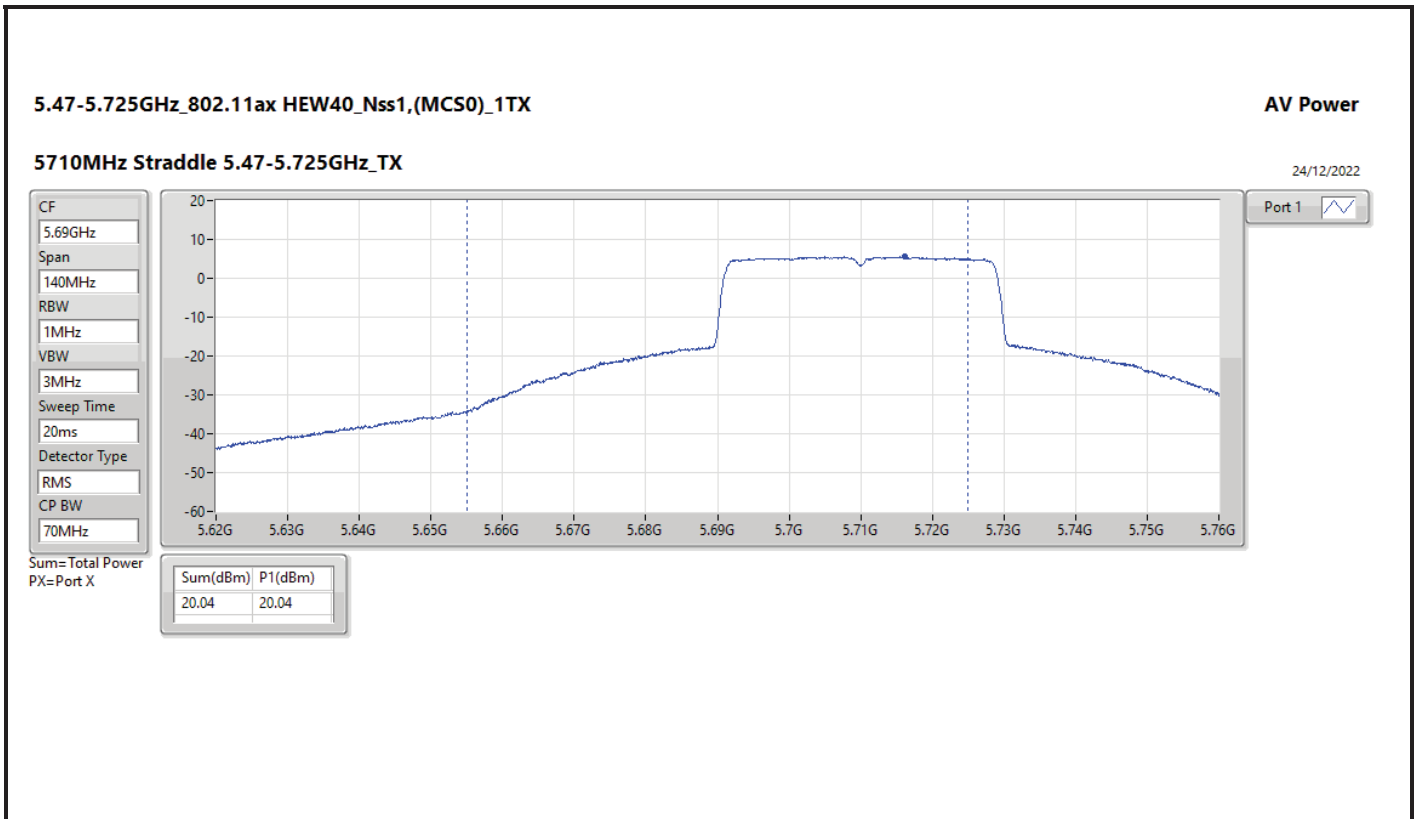
Result

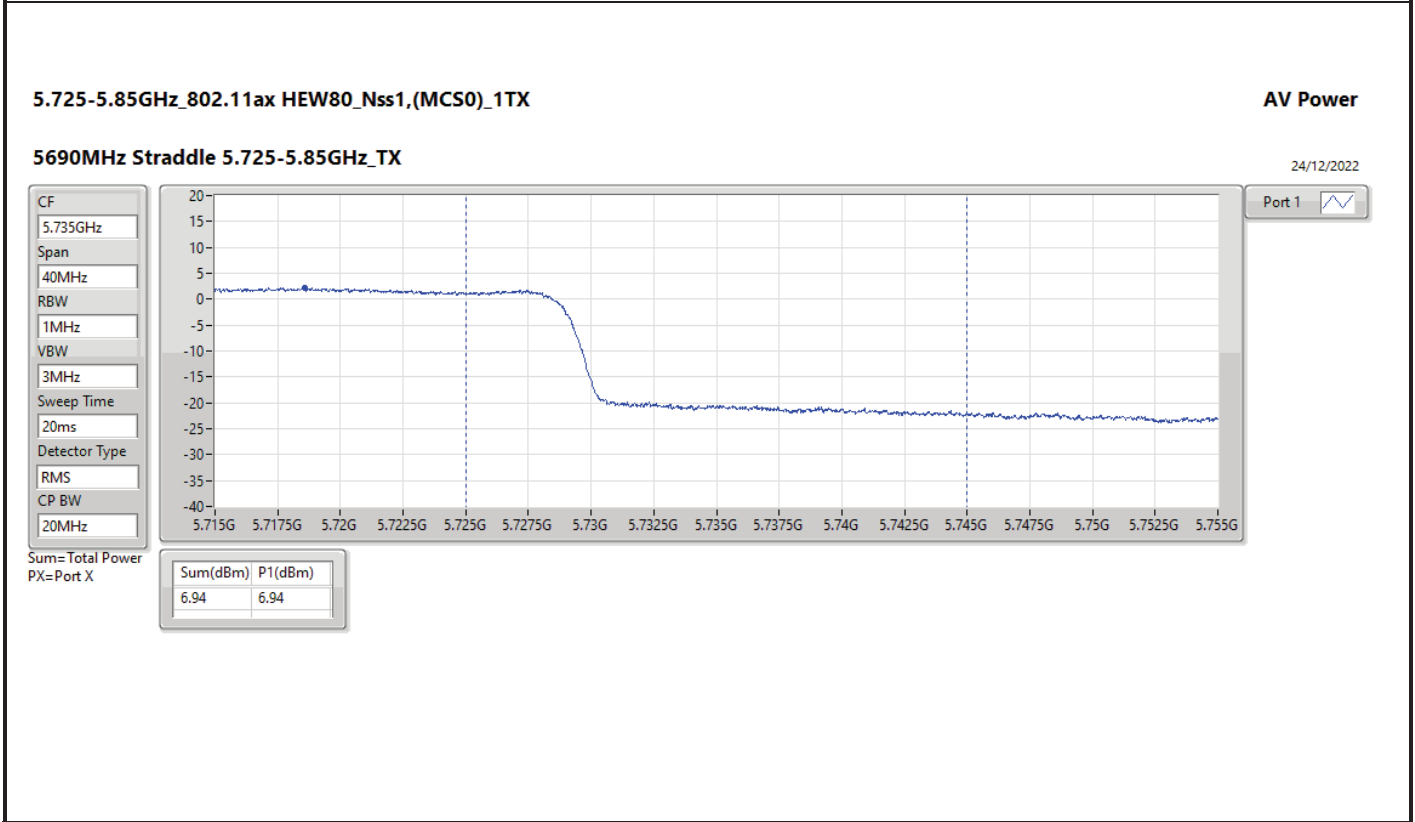
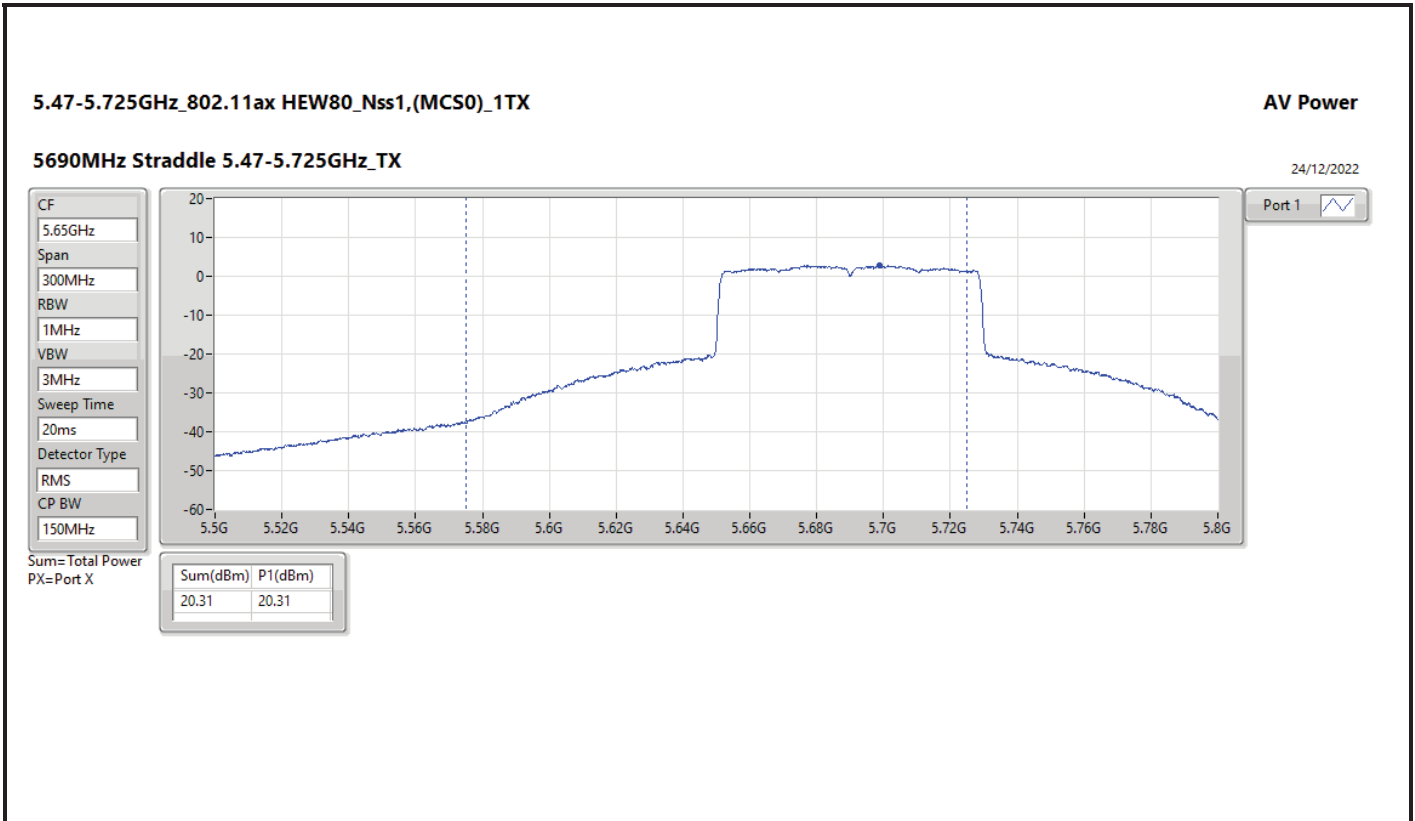
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	3.34	17.63	17.63	30.00	20.97	36.00
5200MHz	Pass	3.34	19.79	19.79	30.00	23.13	36.00
5240MHz	Pass	3.34	19.80	19.80	30.00	23.14	36.00
5260MHz	Pass	3.34	19.73	19.73	23.98	23.07	30.00
5300MHz	Pass	3.34	19.52	19.52	23.98	22.86	30.00
5320MHz	Pass	3.34	18.20	18.20	23.98	21.54	30.00
5500MHz	Pass	3.34	18.09	18.09	23.98	21.43	30.00
5580MHz	Pass	3.34	19.83	19.83	23.98	23.17	30.00
5700MHz	Pass	3.34	15.67	15.67	23.98	19.01	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.34	19.02	19.02	23.98	22.36	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.34	12.86	12.86	30.00	16.20	36.00
5745MHz	Pass	3.34	20.01	20.01	30.00	23.35	36.00
5785MHz	Pass	3.34	19.84	19.84	30.00	23.18	36.00
5825MHz	Pass	3.34	20.11	20.11	30.00	23.45	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	3.34	17.18	17.18	30.00	20.52	36.00
5200MHz	Pass	3.34	19.91	19.91	30.00	23.25	36.00
5240MHz	Pass	3.34	19.99	19.99	30.00	23.33	36.00
5260MHz	Pass	3.34	19.95	19.95	23.98	23.29	30.00
5300MHz	Pass	3.34	19.77	19.77	23.98	23.11	30.00
5320MHz	Pass	3.34	17.71	17.71	23.98	21.05	30.00
5500MHz	Pass	3.34	17.97	17.97	23.98	21.31	30.00
5580MHz	Pass	3.34	19.99	19.99	23.98	23.33	30.00
5700MHz	Pass	3.34	16.50	16.50	23.98	19.84	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.34	18.98	18.98	23.98	22.32	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.34	13.81	13.81	30.00	17.15	36.00
5745MHz	Pass	3.34	20.28	20.28	30.00	23.62	36.00
5785MHz	Pass	3.34	20.27	20.27	30.00	23.61	36.00
5825MHz	Pass	3.34	20.26	20.26	30.00	23.60	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	3.34	15.74	15.74	30.00	19.08	36.00
5230MHz	Pass	3.34	19.11	19.11	30.00	22.45	36.00
5270MHz	Pass	3.34	19.25	19.25	23.98	22.59	30.00
5310MHz	Pass	3.34	14.94	14.94	23.98	18.28	30.00
5510MHz	Pass	3.34	15.62	15.62	23.98	18.96	30.00
5550MHz	Pass	3.34	19.93	19.93	23.98	23.27	30.00
5670MHz	Pass	3.34	18.34	18.34	23.98	21.68	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.34	20.04	20.04	23.98	23.38	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.34	10.33	10.33	30.00	13.67	36.00
5755MHz	Pass	3.34	20.18	20.18	30.00	23.52	36.00
5795MHz	Pass	3.34	20.23	20.23	30.00	23.57	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	3.34	15.56	15.56	30.00	18.90	36.00
5290MHz	Pass	3.34	15.04	15.04	23.98	18.38	30.00
5530MHz	Pass	3.34	16.17	16.17	23.98	19.51	30.00
5610MHz	Pass	3.34	19.97	19.97	23.98	23.31	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.34	20.31	20.31	23.98	23.65	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.34	6.94	6.94	30.00	10.28	36.00
5775MHz	Pass	3.34	19.84	19.84	30.00	23.18	36.00

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











Summary

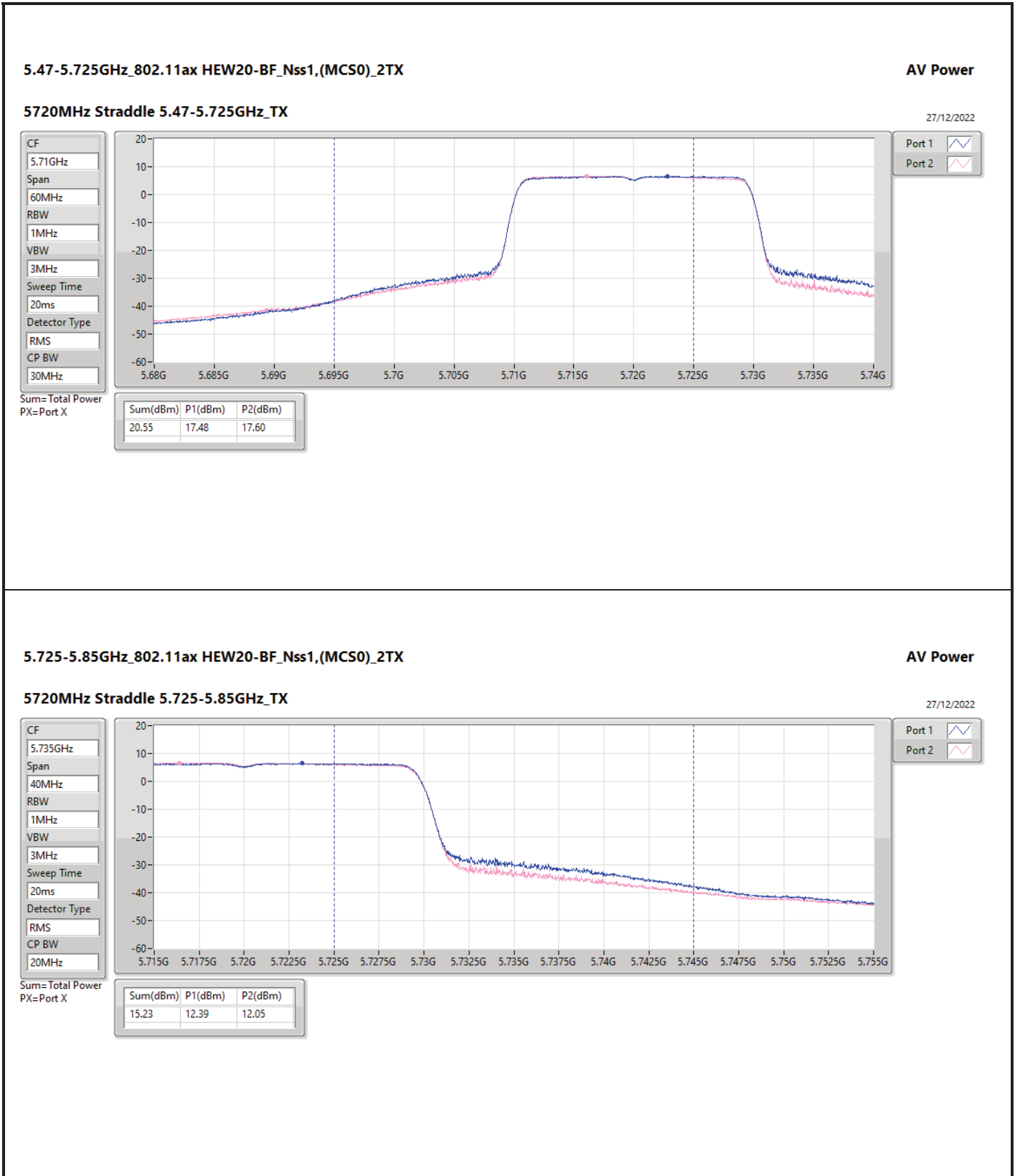
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.49	0.22336	27.61	0.57677
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.13	0.20559	27.25	0.53088
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.82	0.07621	22.94	0.19679
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.31	0.21429	27.17	0.52119
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.10	0.20417	26.96	0.49659
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.92	0.07798	22.78	0.18967
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	22.71	0.18664	27.38	0.54702
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.72	0.18707	27.39	0.54828
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.16	0.20701	27.83	0.60674
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.04	0.20137	28.26	0.66988
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.19	0.20845	28.41	0.69343
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.54	0.17947	27.76	0.59704

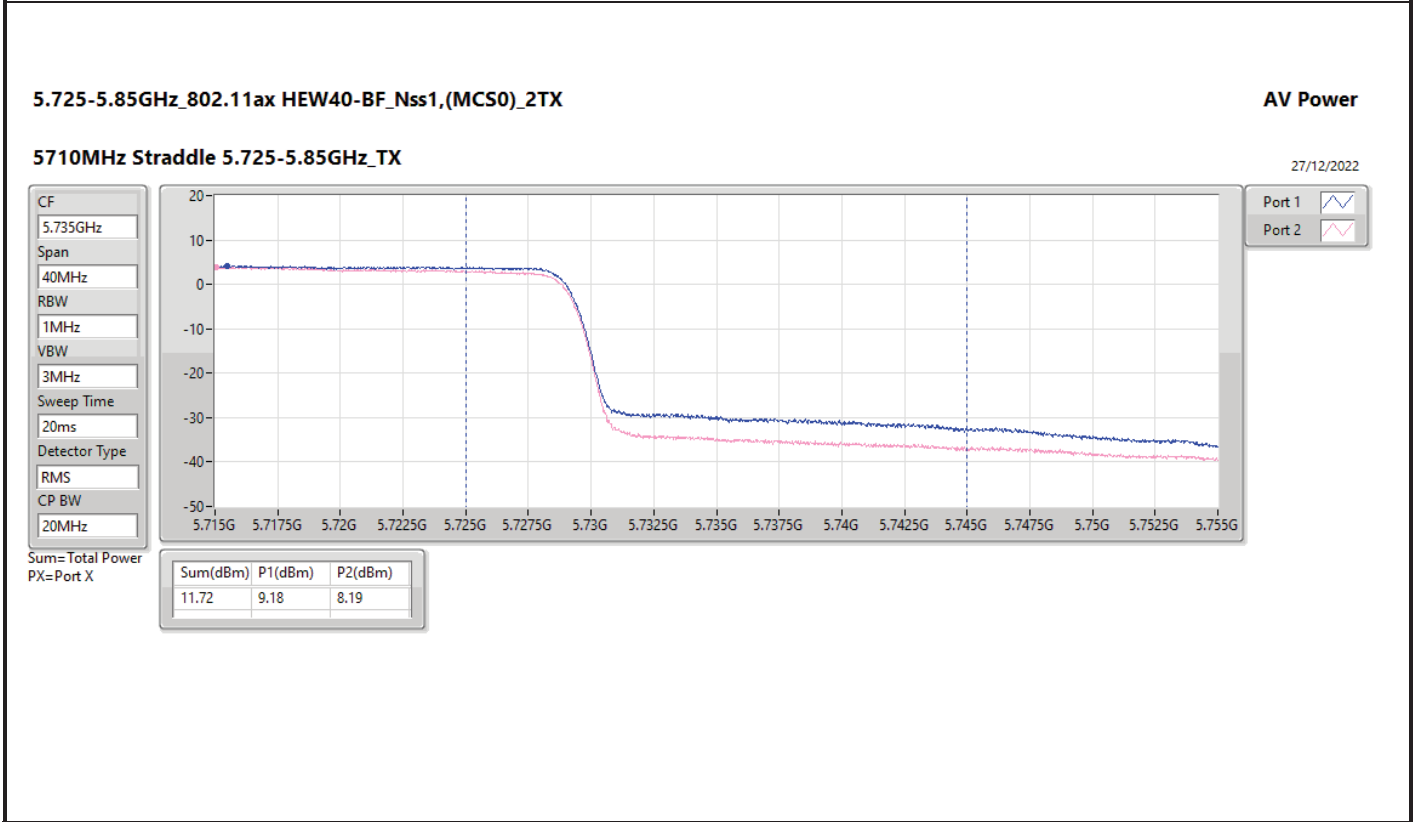
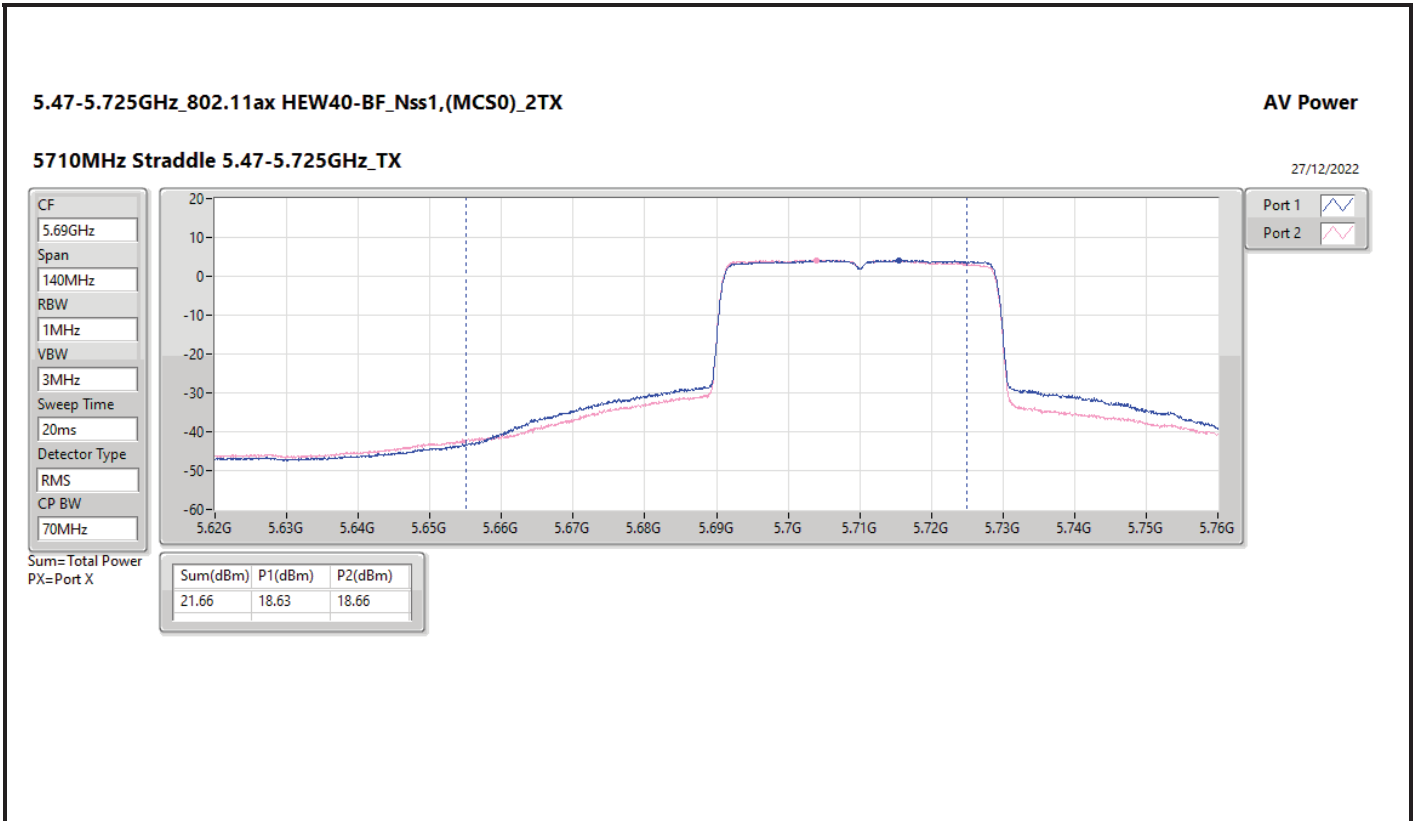


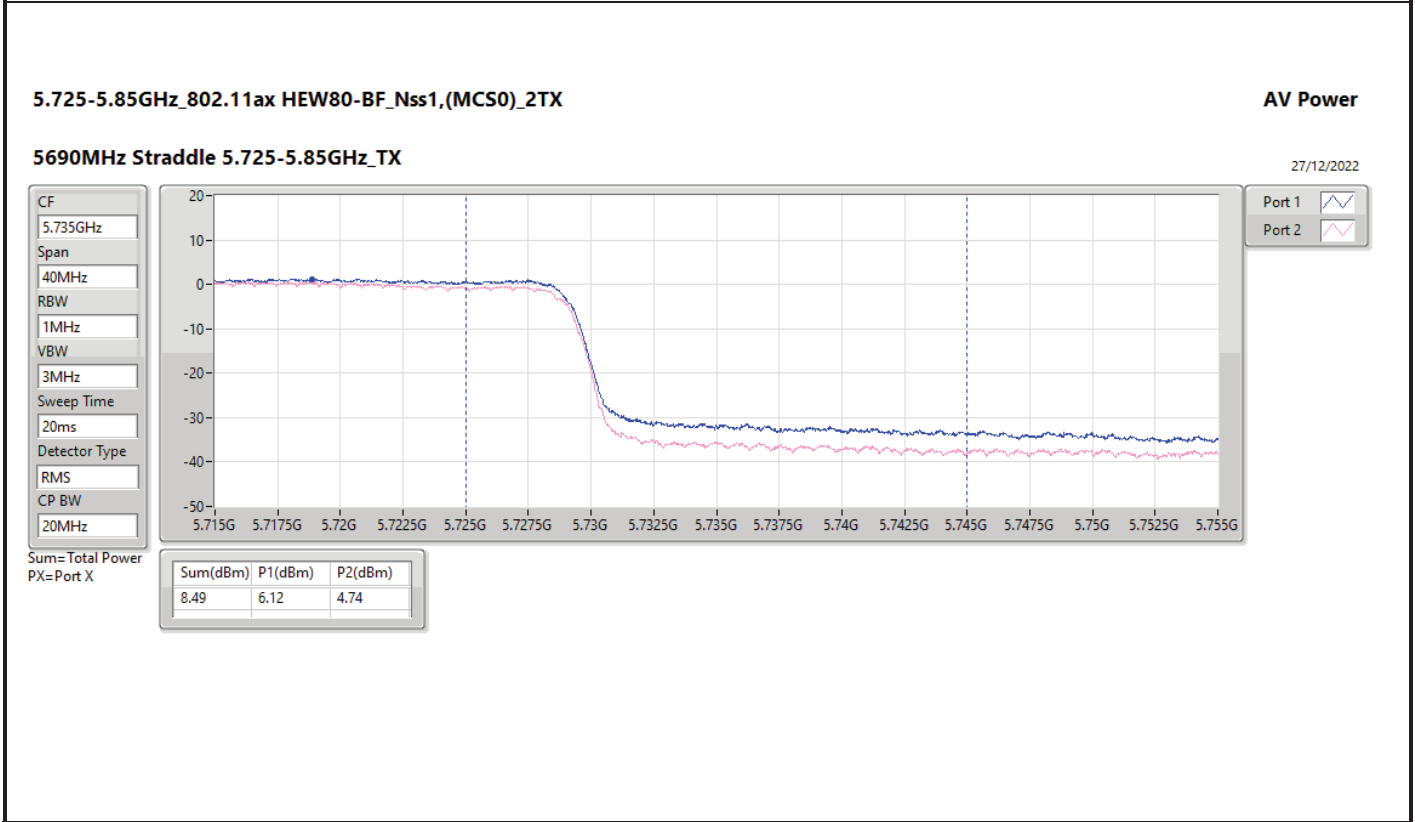
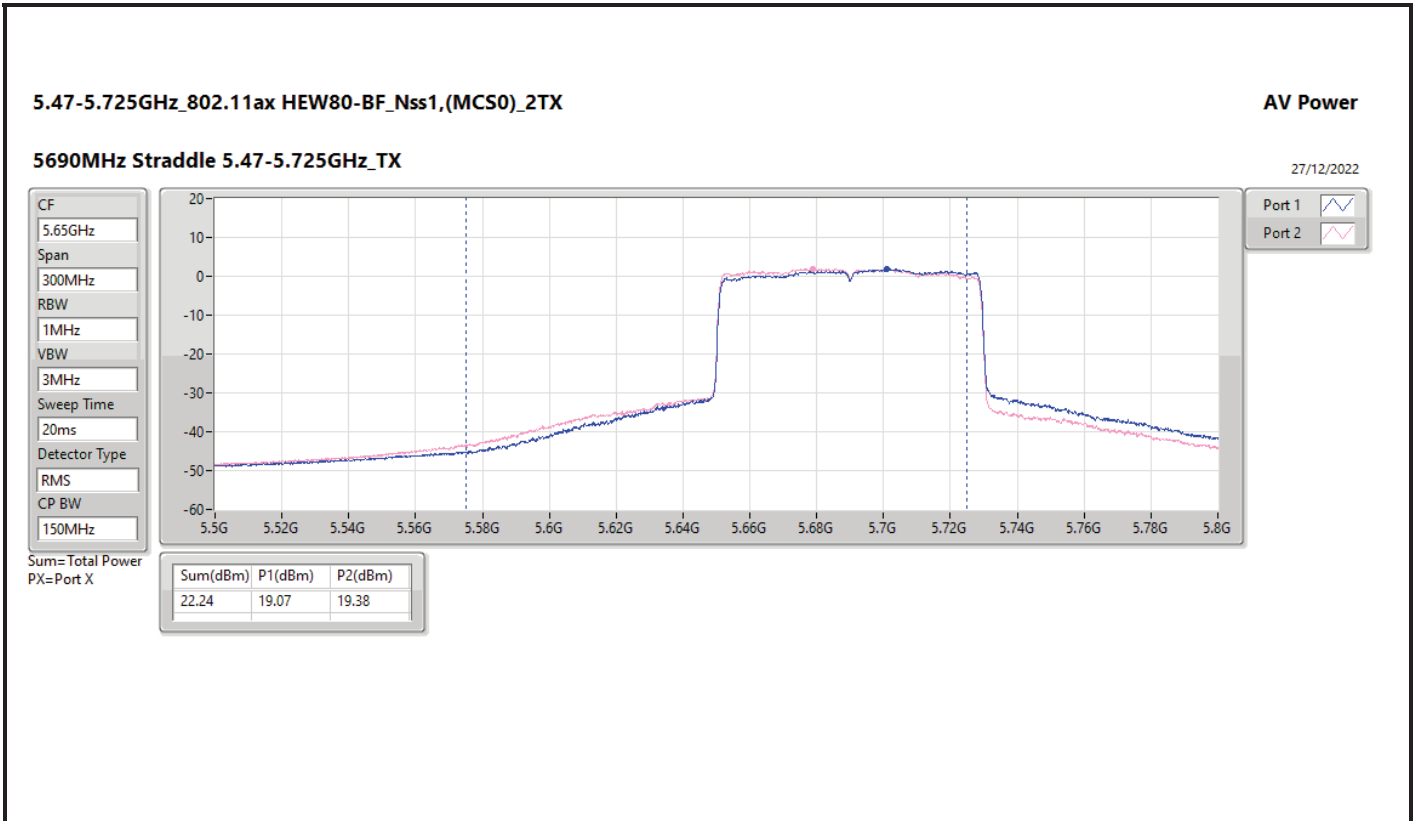
Result

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	-	-	-	-	-	-	-	-
5180MHz	Pass	4.12	18.50	19.20	21.87	30.00	25.99	36.00
5200MHz	Pass	4.12	19.82	21.06	23.49	30.00	27.61	36.00
5240MHz	Pass	4.12	20.08	20.39	23.25	30.00	27.37	36.00
5260MHz	Pass	3.86	20.24	20.36	23.31	23.98	27.17	30.00
5300MHz	Pass	3.86	19.95	19.95	22.96	23.98	26.82	30.00
5320MHz	Pass	3.86	18.81	18.63	21.73	23.98	25.59	30.00
5500MHz	Pass	4.67	19.74	19.65	22.71	23.98	27.38	30.00
5580MHz	Pass	4.67	19.61	19.41	22.52	23.98	27.19	30.00
5700MHz	Pass	4.67	14.73	14.82	17.79	23.98	22.46	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.67	17.48	17.60	20.55	22.96	25.22	28.96
5720MHz Straddle 5.725-5.85GHz	Pass	5.22	12.39	12.05	15.23	30.00	20.45	36.00
5745MHz	Pass	5.22	20.03	20.02	23.04	30.00	28.26	36.00
5785MHz	Pass	5.22	19.46	19.71	22.60	30.00	27.82	36.00
5825MHz	Pass	5.22	18.26	18.73	21.51	30.00	26.73	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.12	16.86	17.31	20.10	30.00	24.22	36.00
5230MHz	Pass	4.12	20.18	20.05	23.13	30.00	27.25	36.00
5270MHz	Pass	3.86	19.87	20.30	23.10	23.98	26.96	30.00
5310MHz	Pass	3.86	16.31	16.40	19.37	23.98	23.23	30.00
5510MHz	Pass	4.67	18.52	18.36	21.45	23.98	26.12	30.00
5550MHz	Pass	4.67	19.81	19.60	22.72	23.98	27.39	30.00
5670MHz	Pass	4.67	17.65	17.90	20.79	23.98	25.46	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.67	18.63	18.66	21.66	23.98	26.33	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.22	9.18	8.19	11.72	30.00	16.94	36.00
5755MHz	Pass	5.22	20.60	19.71	23.19	30.00	28.41	36.00
5795MHz	Pass	5.22	19.93	19.25	22.61	30.00	27.83	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.12	15.93	15.69	18.82	30.00	22.94	36.00
5290MHz	Pass	3.86	15.86	15.95	18.92	23.98	22.78	30.00
5530MHz	Pass	4.67	17.60	17.53	20.58	23.98	25.25	30.00
5610MHz	Pass	4.67	20.15	20.15	23.16	23.98	27.83	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.67	19.07	19.38	22.24	23.98	26.91	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.22	6.12	4.74	8.49	30.00	13.71	36.00
5775MHz	Pass	5.22	19.64	19.41	22.54	30.00	27.76	36.00

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









Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.69	13.81
802.11ax HEW20_Nss1,(MCS0)_2TX	9.29	13.41
802.11ax HEW40_Nss1,(MCS0)_2TX	6.21	10.33
802.11ax HEW80_Nss1,(MCS0)_2TX	-0.73	3.39
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.47	13.33
802.11ax HEW20_Nss1,(MCS0)_2TX	9.13	12.99
802.11ax HEW40_Nss1,(MCS0)_2TX	6.27	10.13
802.11ax HEW80_Nss1,(MCS0)_2TX	-0.37	3.49
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.63	13.30
802.11ax HEW20_Nss1,(MCS0)_2TX	8.43	13.10
802.11ax HEW40_Nss1,(MCS0)_2TX	5.62	10.29
802.11ax HEW80_Nss1,(MCS0)_2TX	3.85	8.52
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.68	12.90
802.11ax HEW20_Nss1,(MCS0)_2TX	7.29	12.51
802.11ax HEW40_Nss1,(MCS0)_2TX	4.76	9.98
802.11ax HEW80_Nss1,(MCS0)_2TX	1.51	6.73

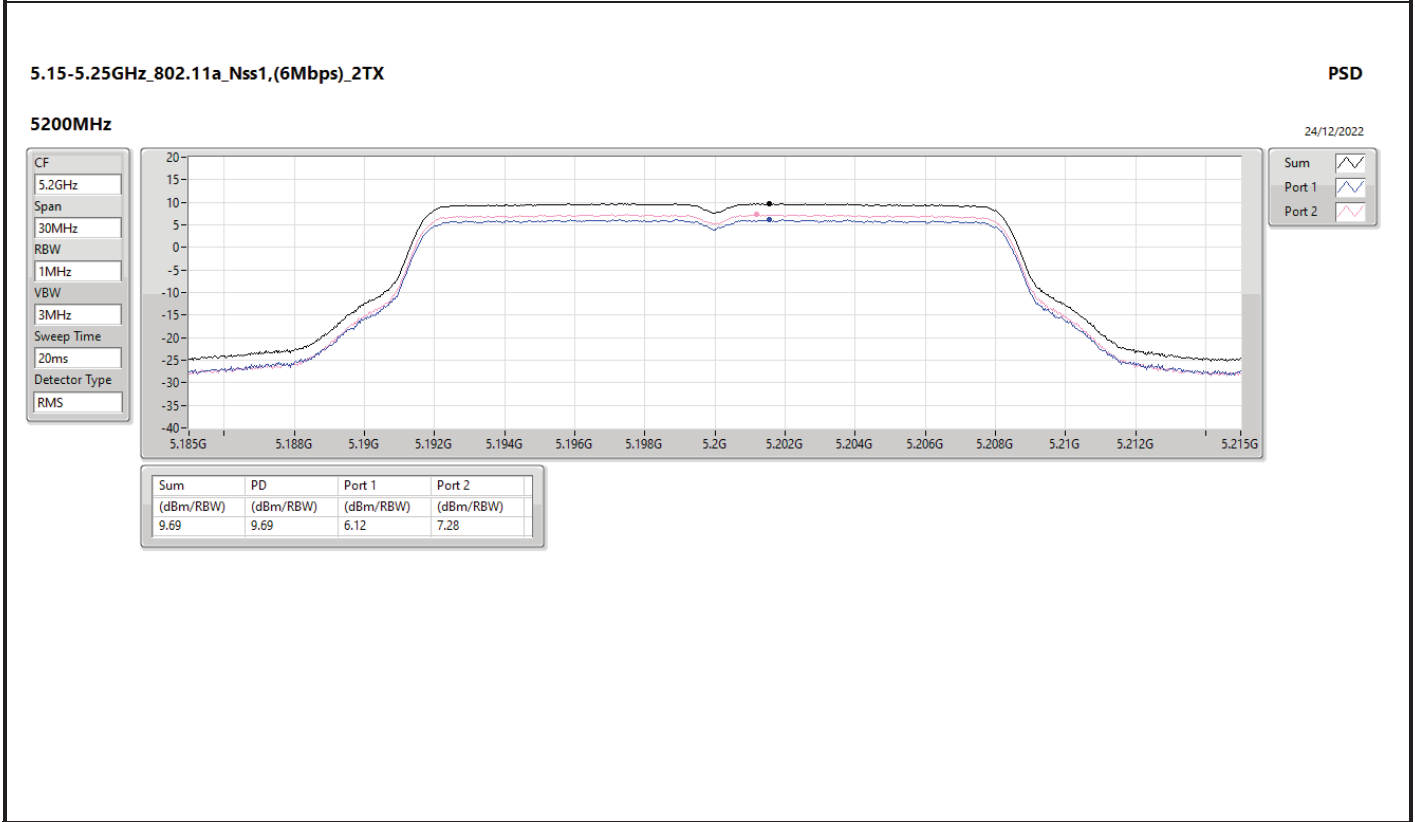
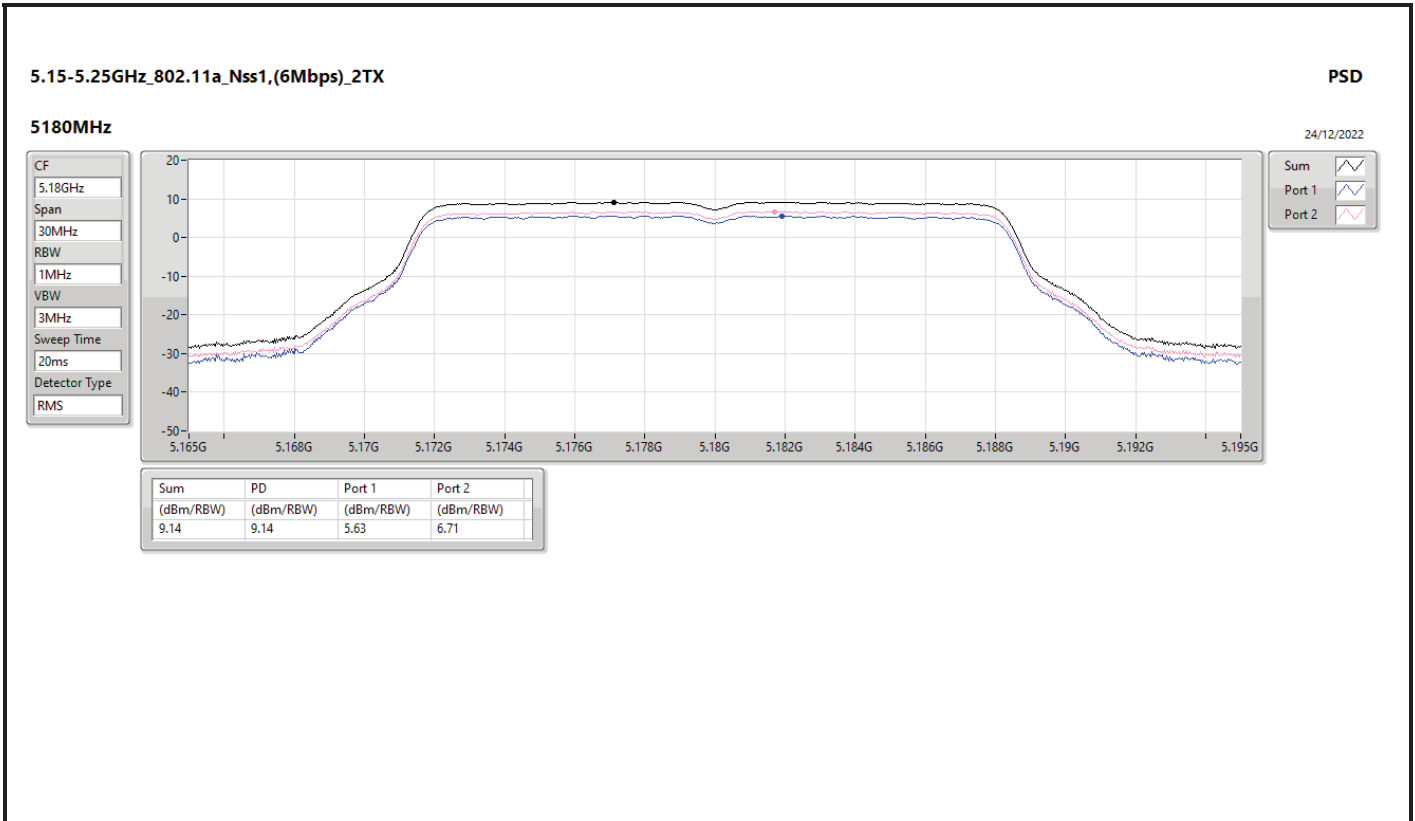
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

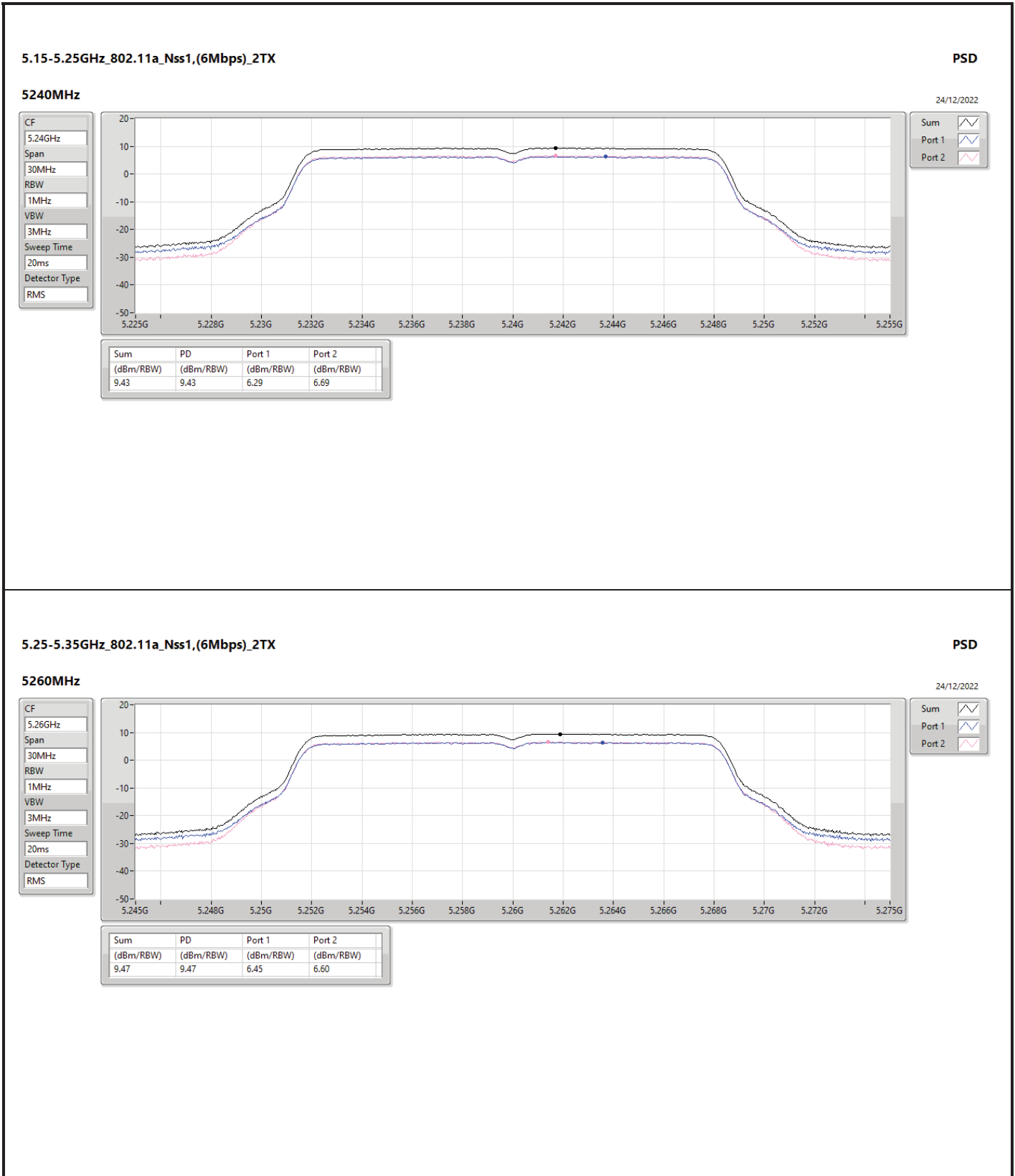


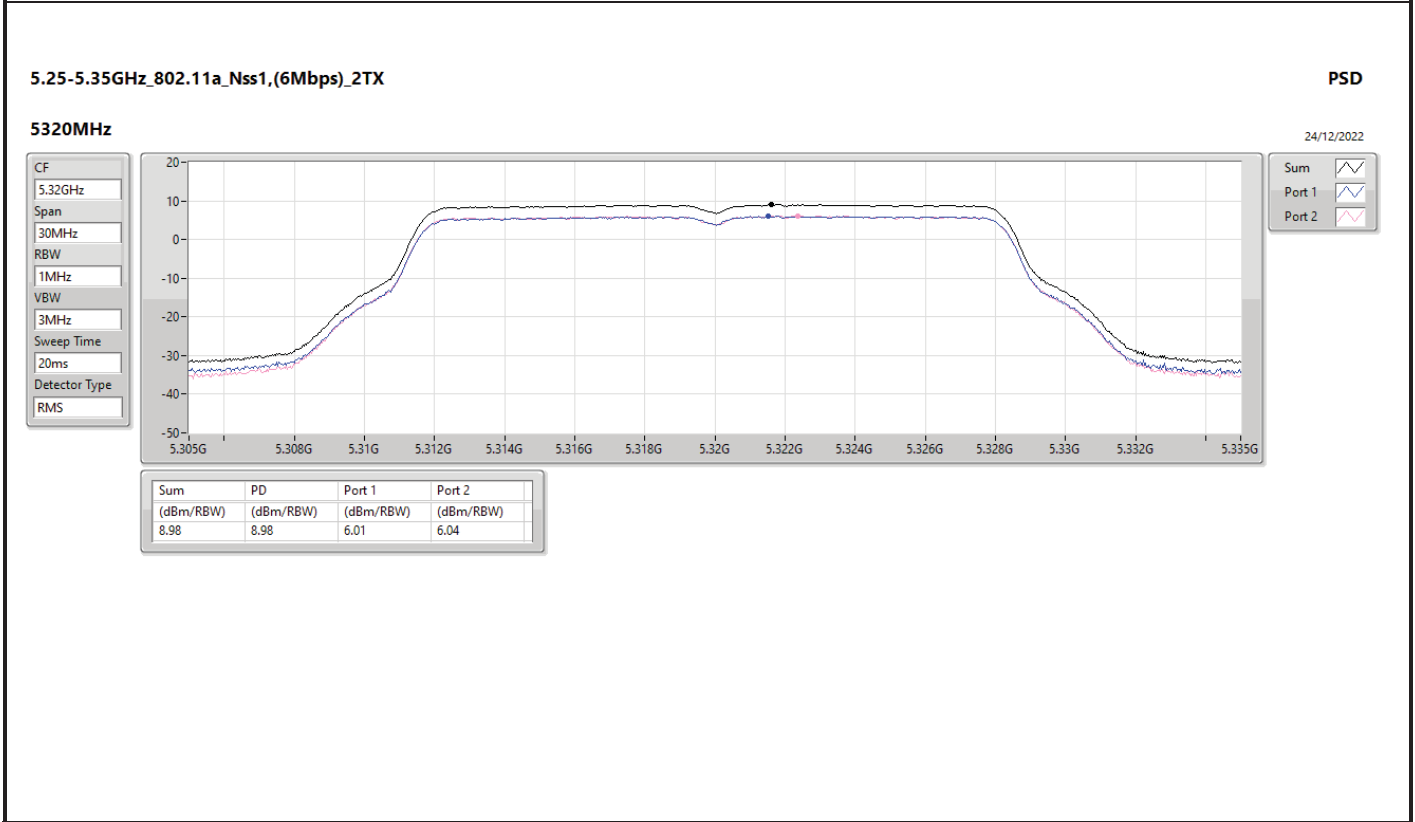
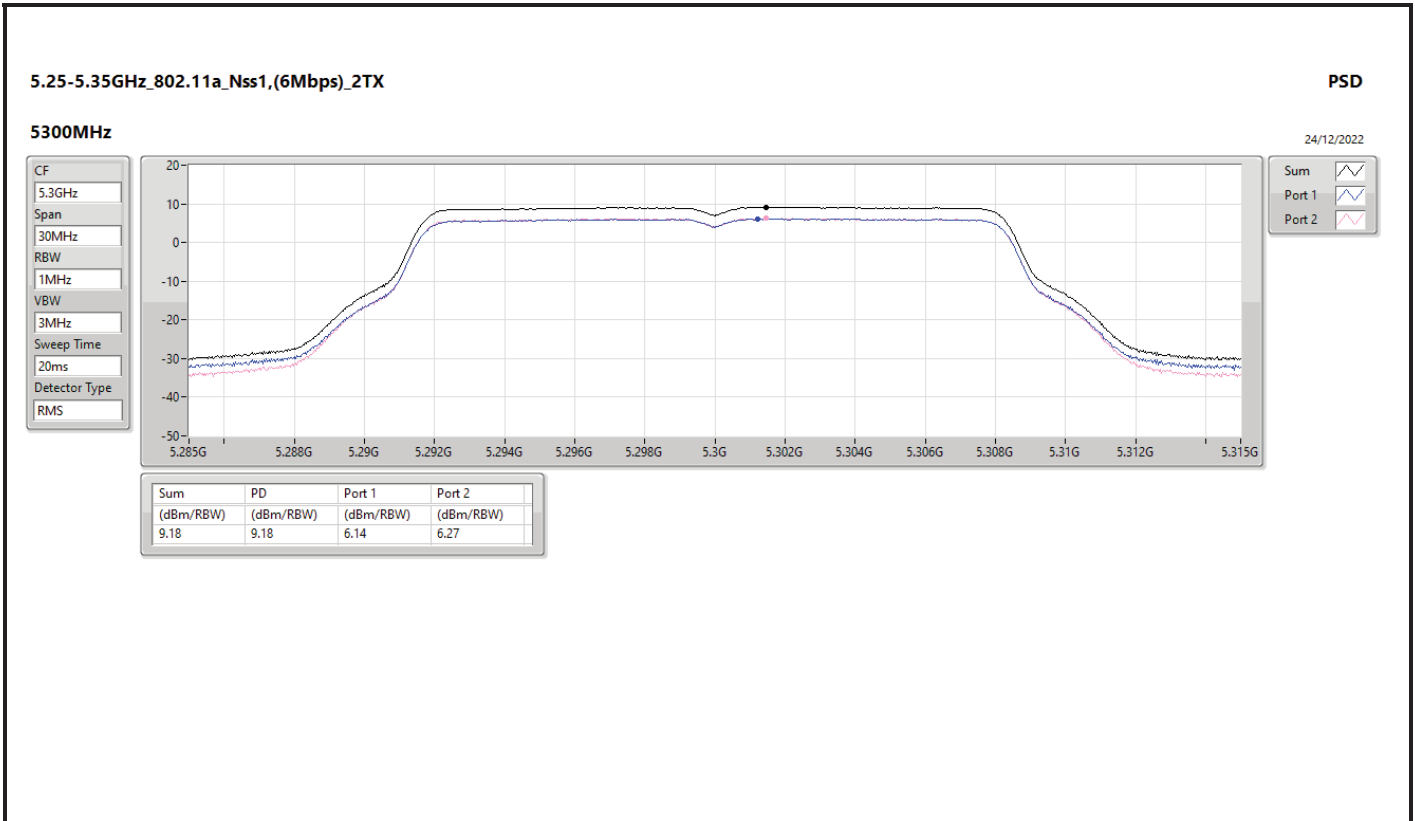
Result

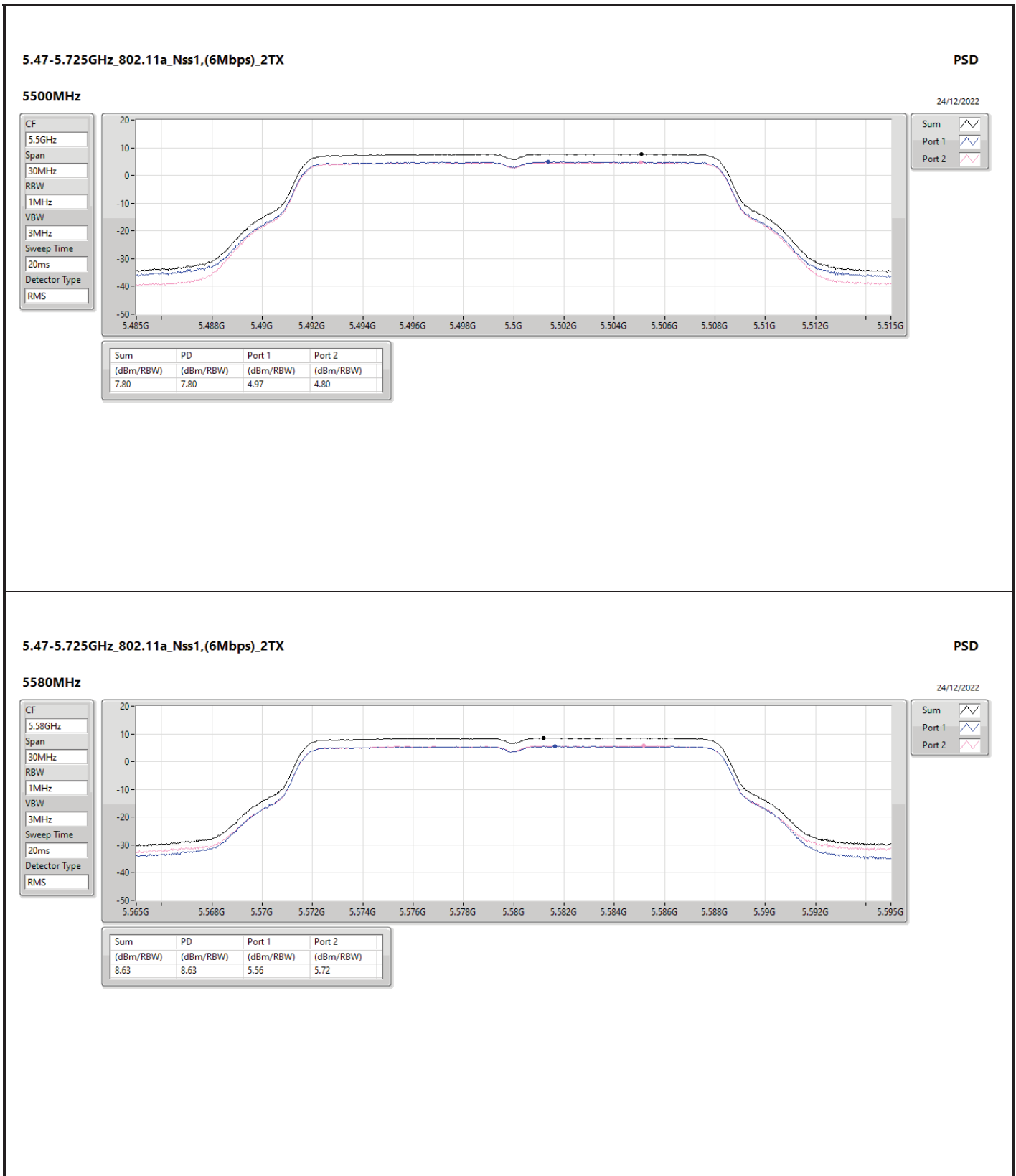
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.12	5.63	6.71	9.14	17.00	13.26	23.00
5200MHz	Pass	4.12	6.12	7.28	9.69	17.00	13.81	23.00
5240MHz	Pass	4.12	6.29	6.69	9.43	17.00	13.55	23.00
5260MHz	Pass	3.86	6.45	6.60	9.47	11.00	13.33	17.00
5300MHz	Pass	3.86	6.14	6.27	9.18	11.00	13.04	17.00
5320MHz	Pass	3.86	6.01	6.04	8.98	11.00	12.84	17.00
5500MHz	Pass	4.67	4.97	4.80	7.80	11.00	12.47	17.00
5580MHz	Pass	4.67	5.56	5.72	8.63	11.00	13.30	17.00
5700MHz	Pass	4.67	3.06	3.40	6.19	11.00	10.86	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.67	5.51	5.71	8.51	11.00	13.18	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.22	3.72	4.01	6.86	30.00	12.08	36.00
5745MHz	Pass	5.22	4.65	4.79	7.68	30.00	12.90	36.00
5785MHz	Pass	5.22	4.02	4.54	7.28	30.00	12.50	36.00
5825MHz	Pass	5.22	3.01	3.40	6.13	30.00	11.35	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.12	4.24	5.17	7.69	17.00	11.81	23.00
5200MHz	Pass	4.12	5.68	6.89	9.29	17.00	13.41	23.00
5240MHz	Pass	4.12	5.95	6.23	9.10	17.00	13.22	23.00
5260MHz	Pass	3.86	6.05	6.26	9.13	11.00	12.99	17.00
5300MHz	Pass	3.86	5.87	5.80	8.80	11.00	12.66	17.00
5320MHz	Pass	3.86	4.77	4.55	7.62	11.00	11.48	17.00
5500MHz	Pass	4.67	5.52	5.48	8.43	11.00	13.10	17.00
5580MHz	Pass	4.67	5.26	5.29	8.23	11.00	12.90	17.00
5700MHz	Pass	4.67	0.63	0.71	3.63	11.00	8.30	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.67	5.18	5.25	8.19	11.00	12.86	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.22	3.34	3.65	6.48	30.00	11.70	36.00
5745MHz	Pass	5.22	4.21	4.39	7.29	30.00	12.51	36.00
5785MHz	Pass	5.22	3.65	4.08	6.81	30.00	12.03	36.00
5825MHz	Pass	5.22	2.57	2.91	5.69	30.00	10.91	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.12	-0.02	0.48	3.16	17.00	7.28	23.00
5230MHz	Pass	4.12	3.33	3.14	6.21	17.00	10.33	23.00
5270MHz	Pass	3.86	3.20	3.46	6.27	11.00	10.13	17.00
5310MHz	Pass	3.86	-0.45	-0.49	2.53	11.00	6.39	17.00
5510MHz	Pass	4.67	1.61	1.43	4.46	11.00	9.13	17.00
5550MHz	Pass	4.67	2.70	2.63	5.62	11.00	10.29	17.00
5670MHz	Pass	4.67	0.79	1.19	3.91	11.00	8.58	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.67	2.35	2.94	5.56	11.00	10.23	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.22	0.24	0.97	3.60	30.00	8.82	36.00
5755MHz	Pass	5.22	2.31	1.27	4.76	30.00	9.98	36.00
5795MHz	Pass	5.22	1.80	0.84	4.29	30.00	9.51	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.12	-3.51	-3.91	-0.73	17.00	3.39	23.00
5290MHz	Pass	3.86	-3.30	-3.38	-0.37	11.00	3.49	17.00
5530MHz	Pass	4.67	-1.83	-1.88	1.07	11.00	5.74	17.00
5610MHz	Pass	4.67	0.84	0.87	3.85	11.00	8.52	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.67	0.45	0.39	3.43	11.00	8.10	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.22	-3.24	-1.98	0.31	30.00	5.53	36.00
5775MHz	Pass	5.22	-1.27	-1.63	1.51	30.00	6.73	36.00

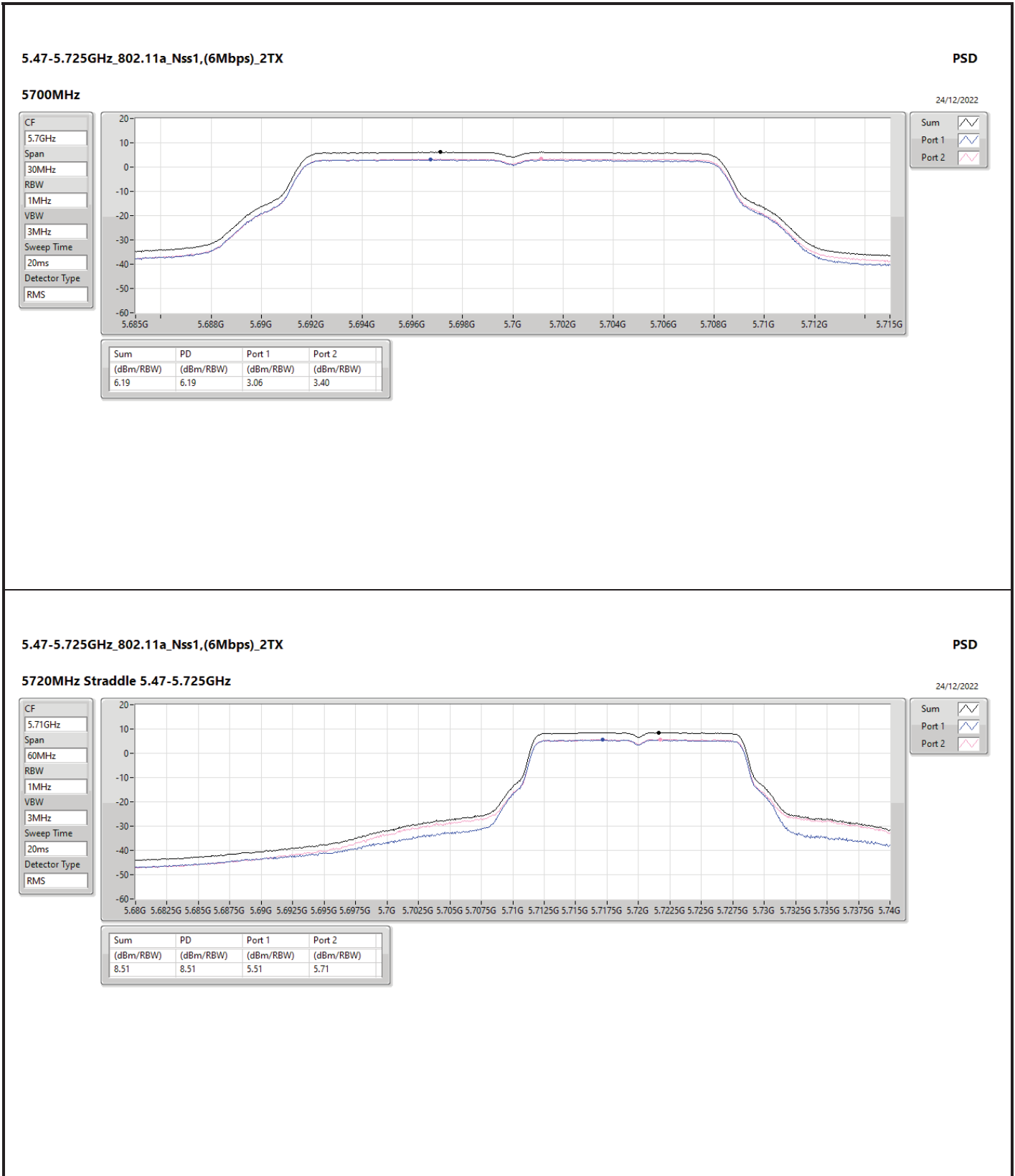
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

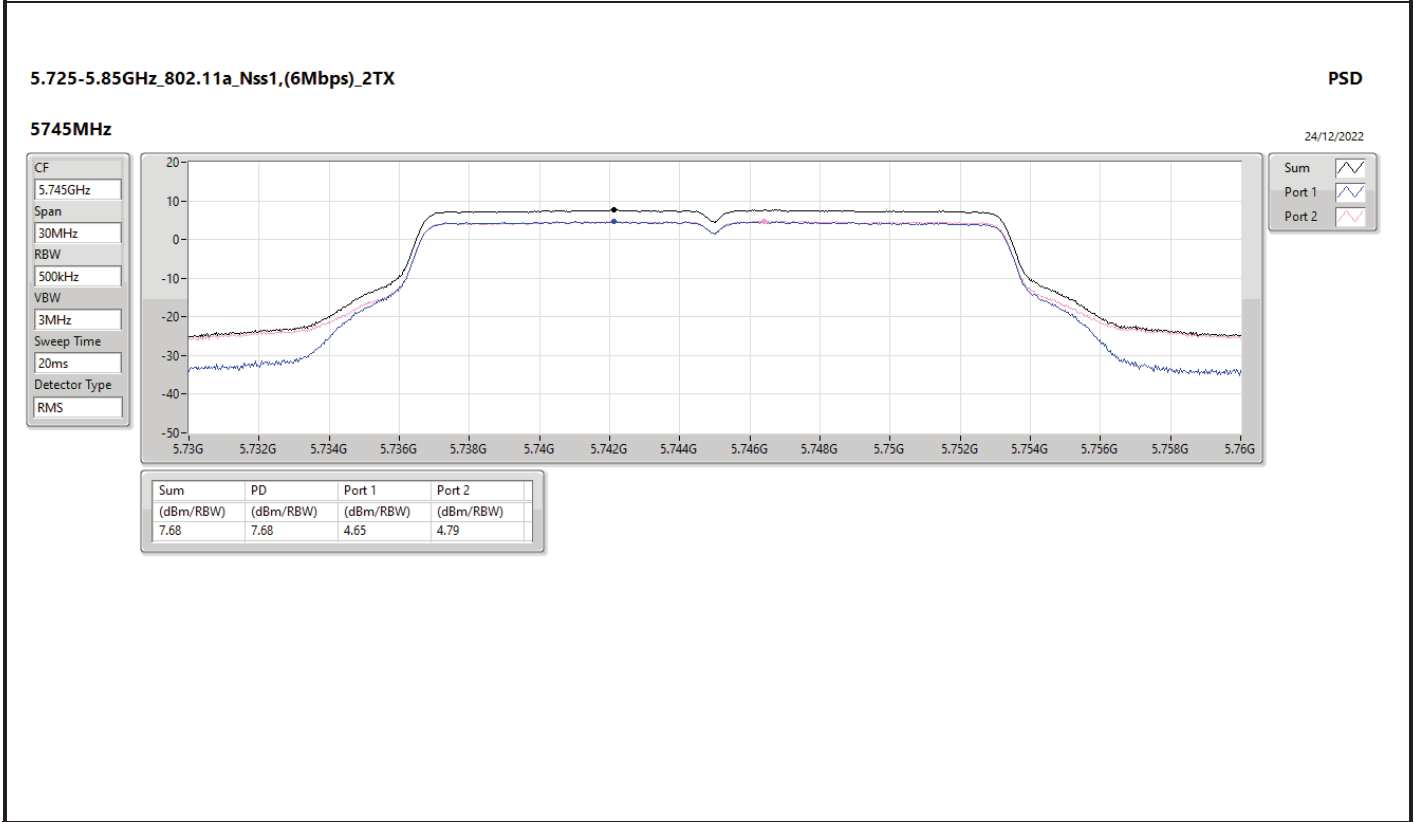
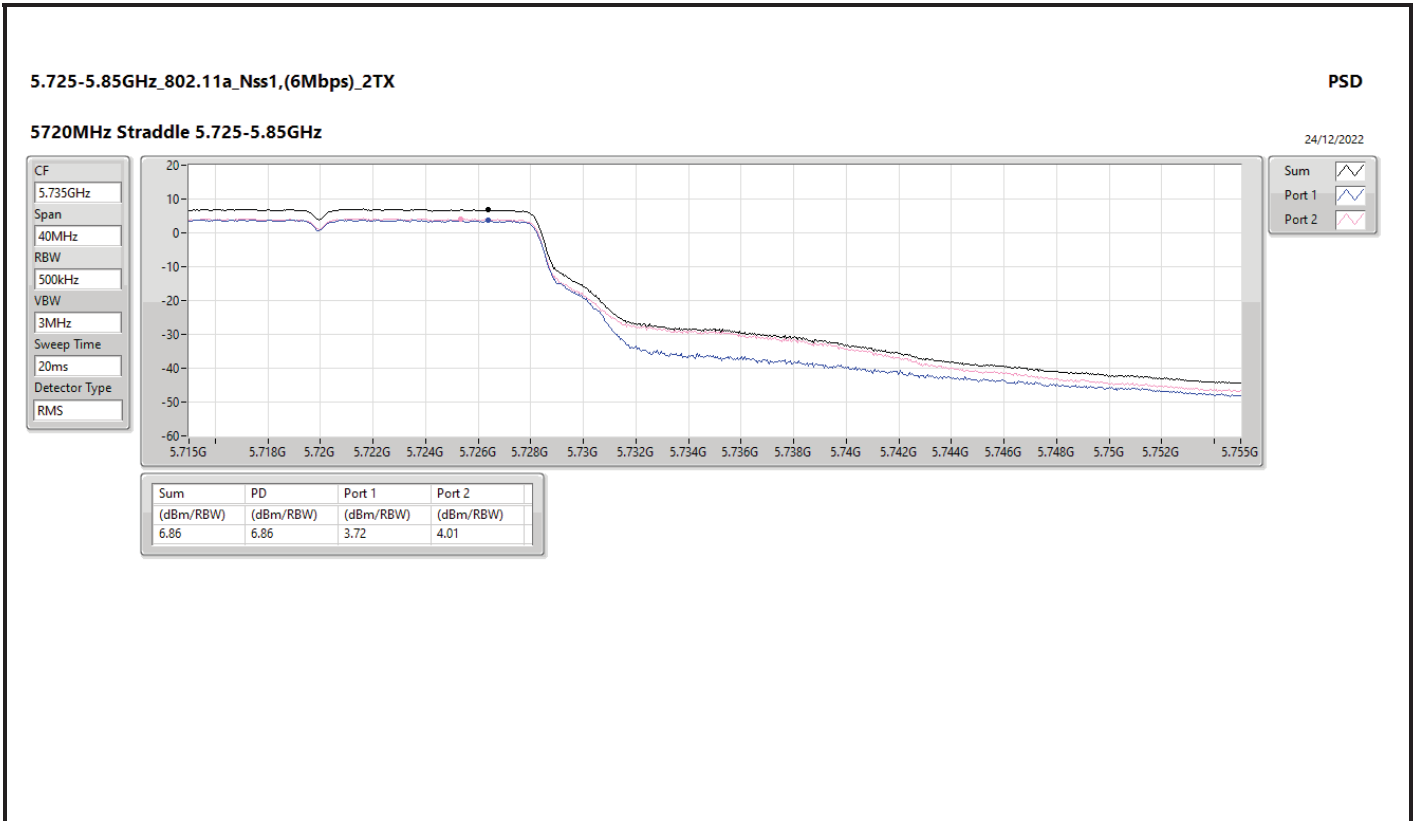


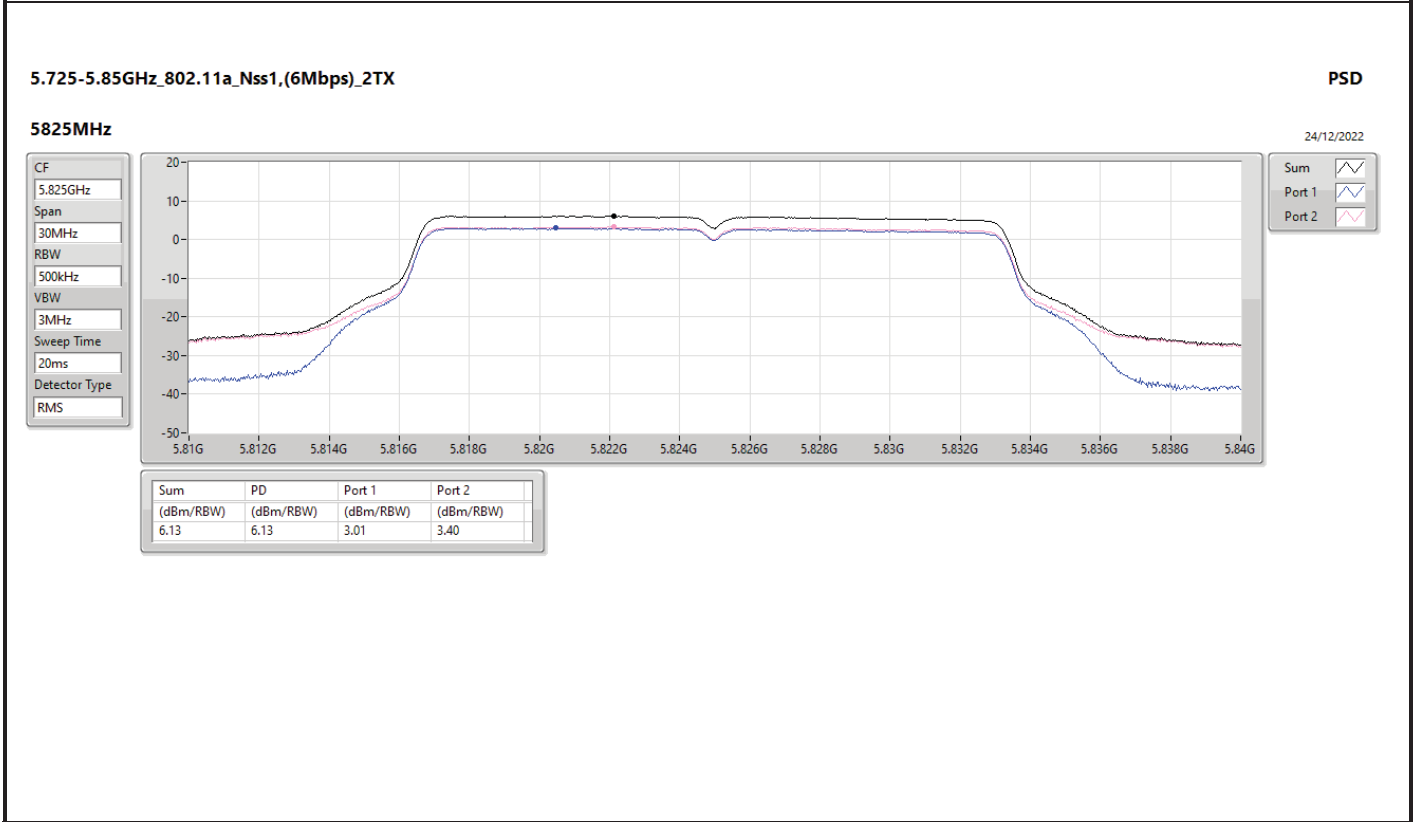
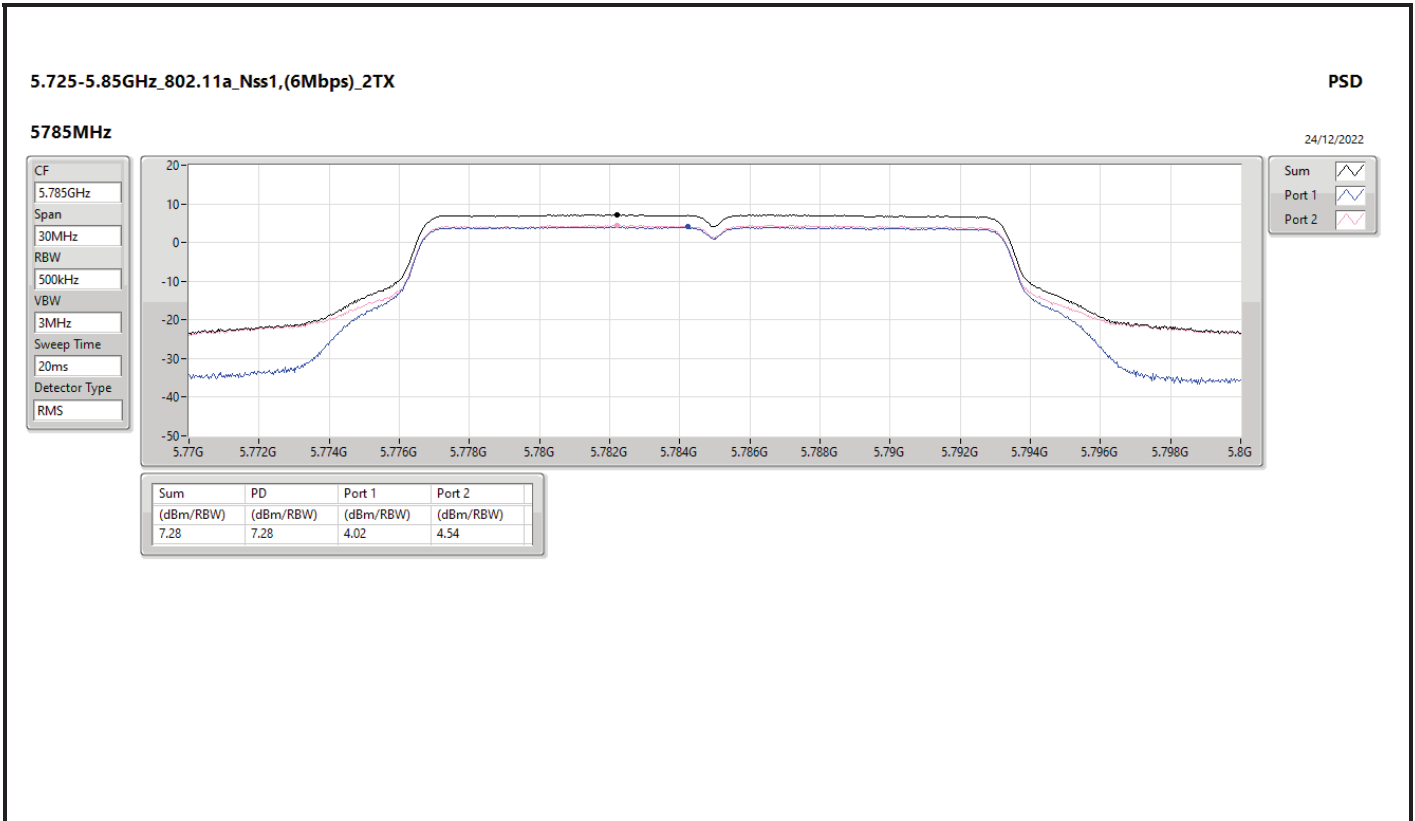


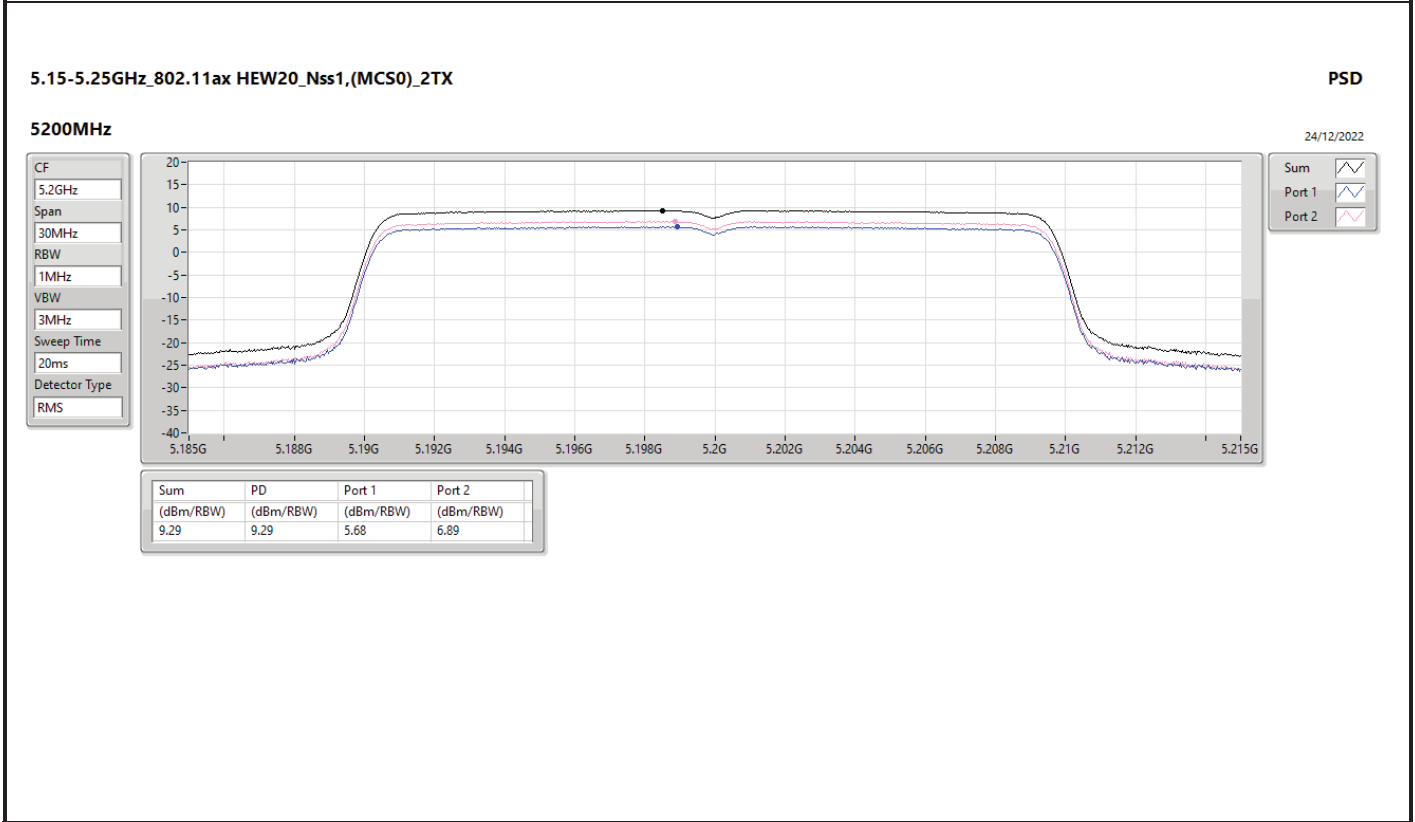
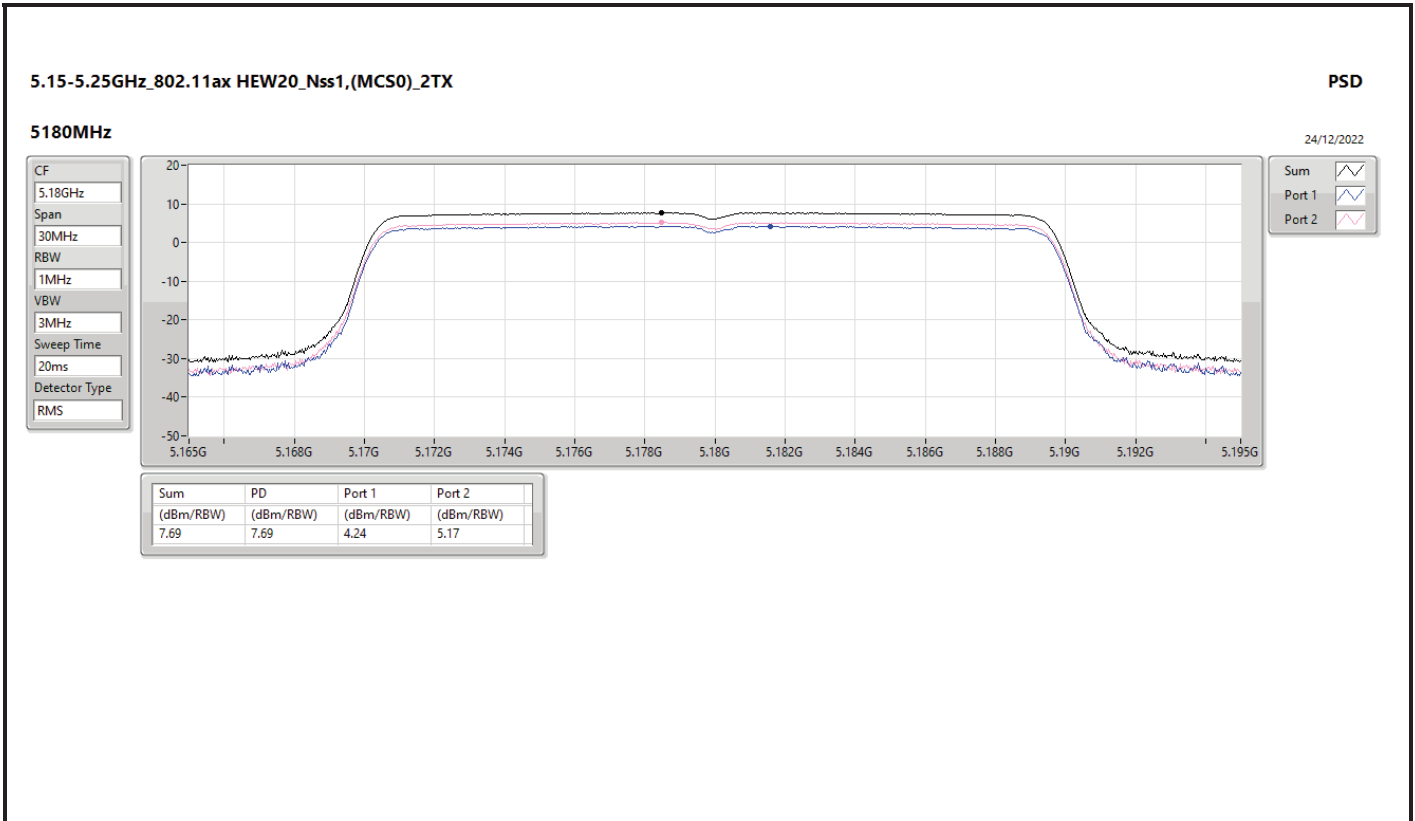


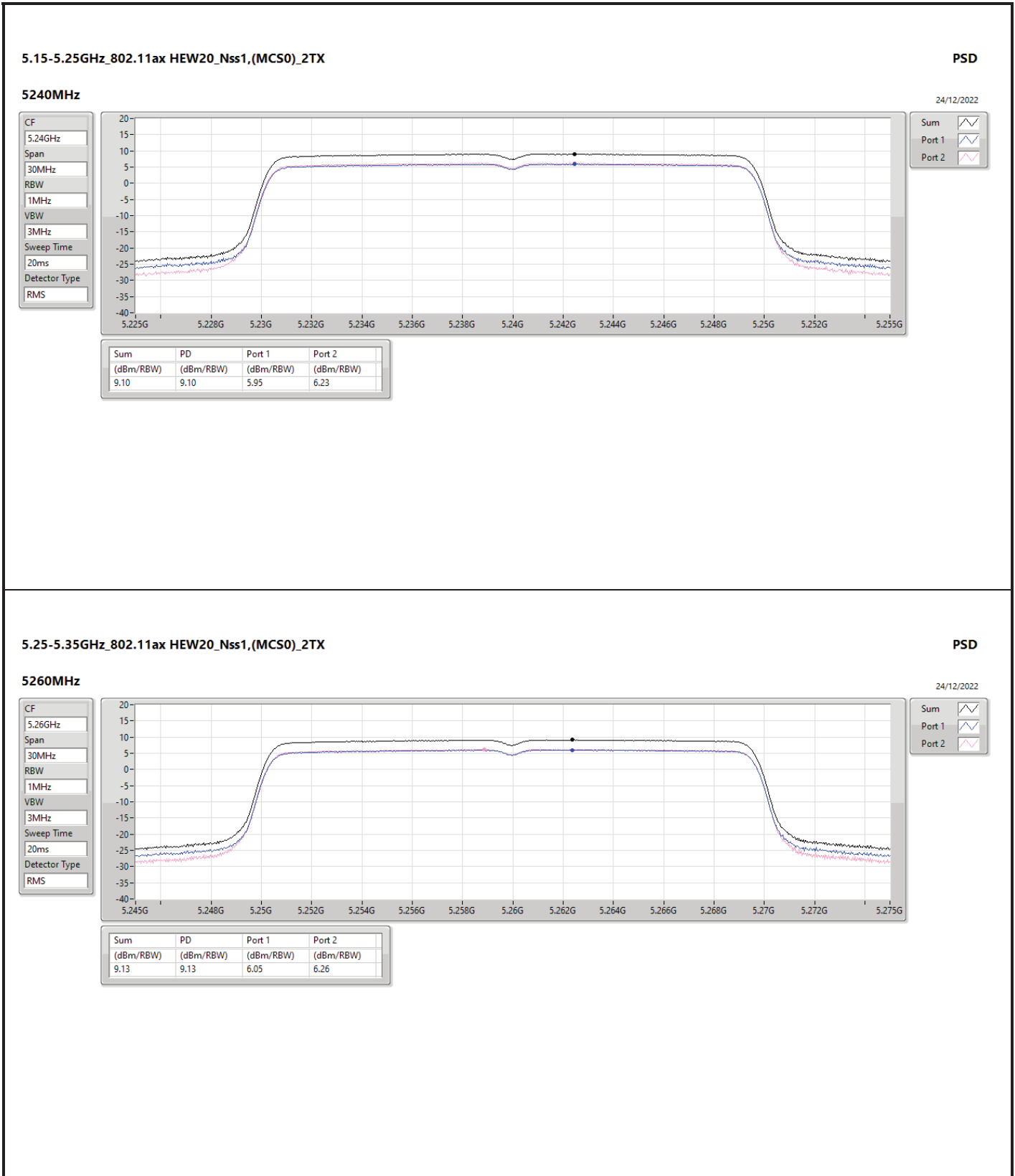


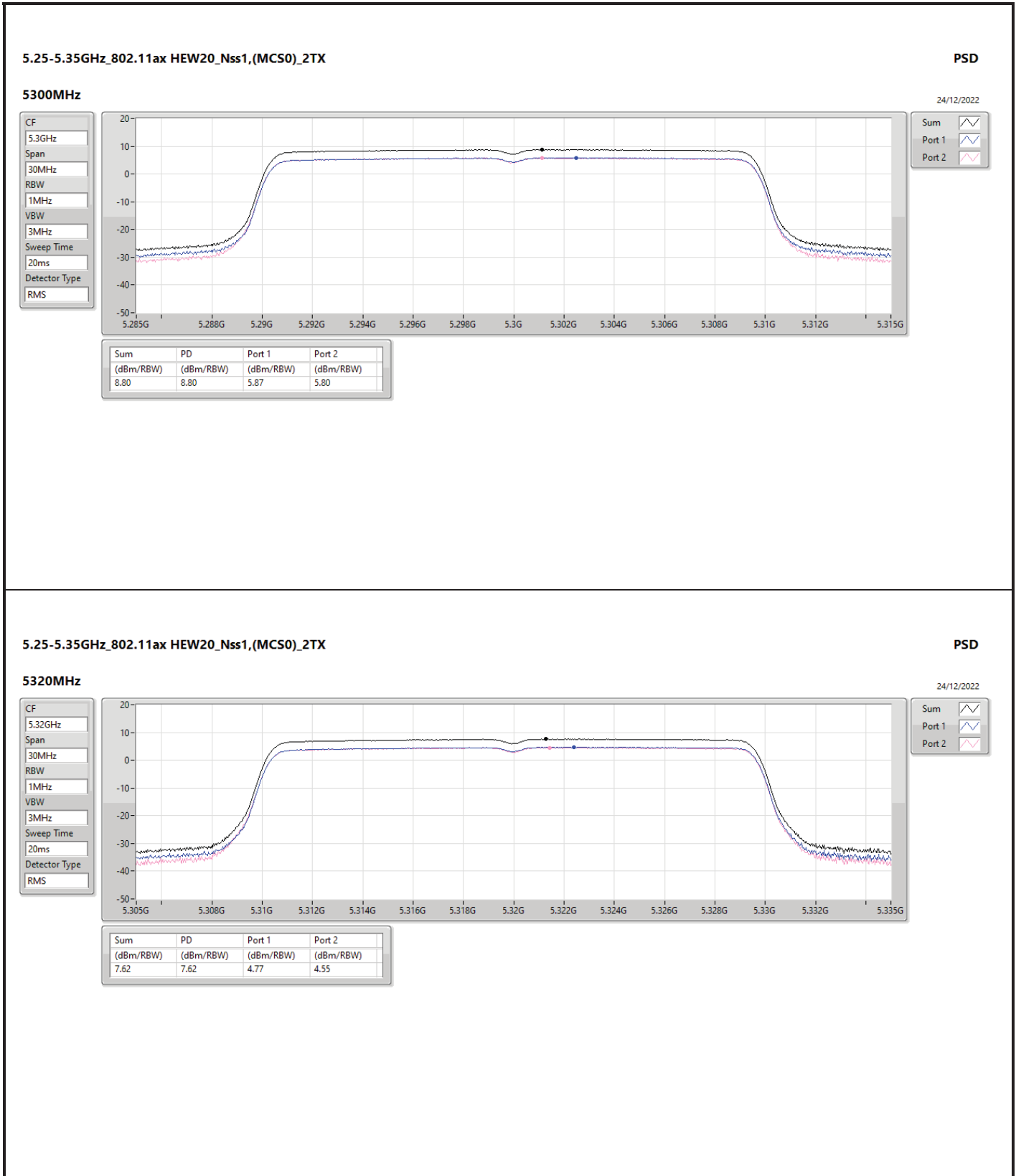


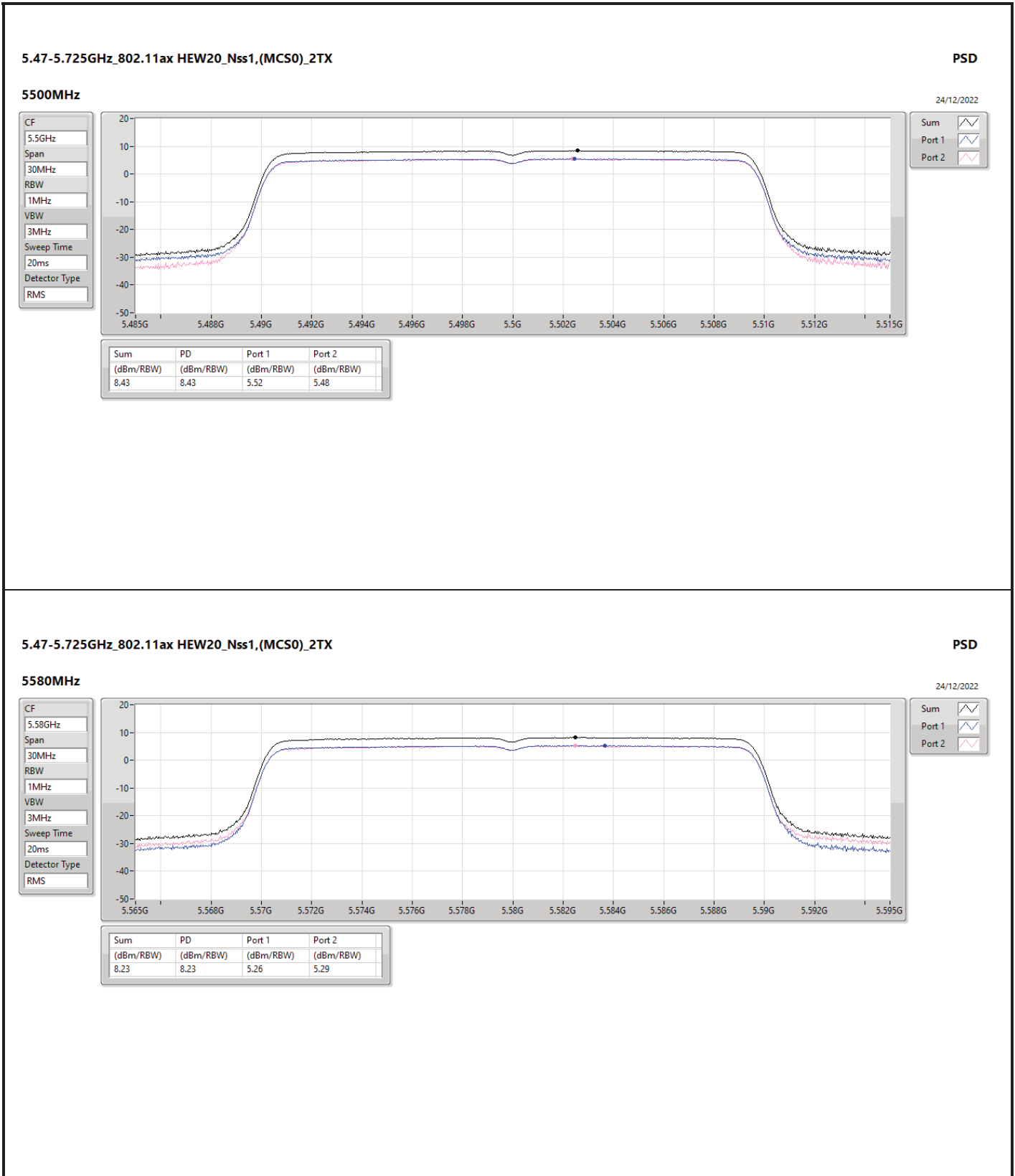


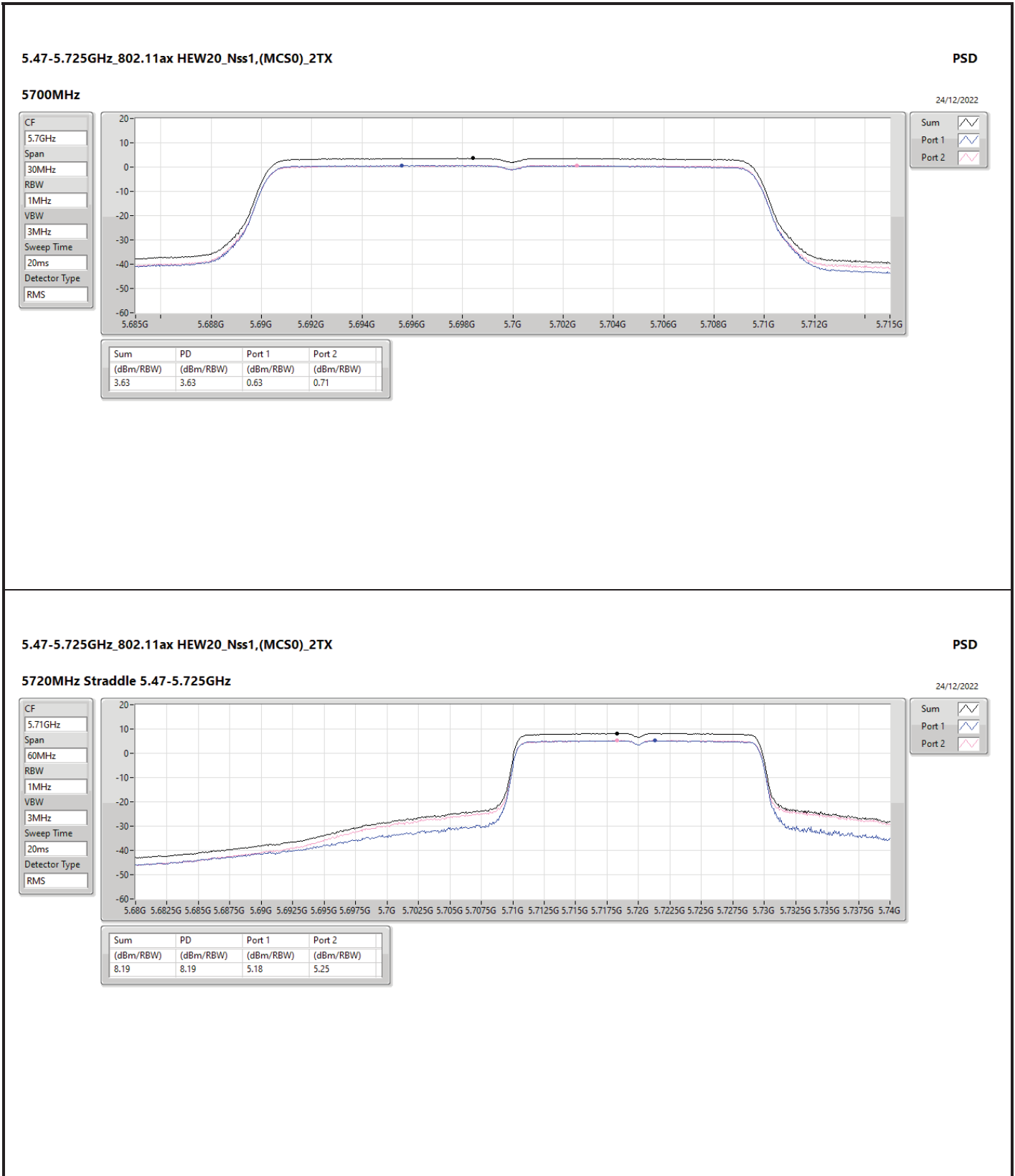


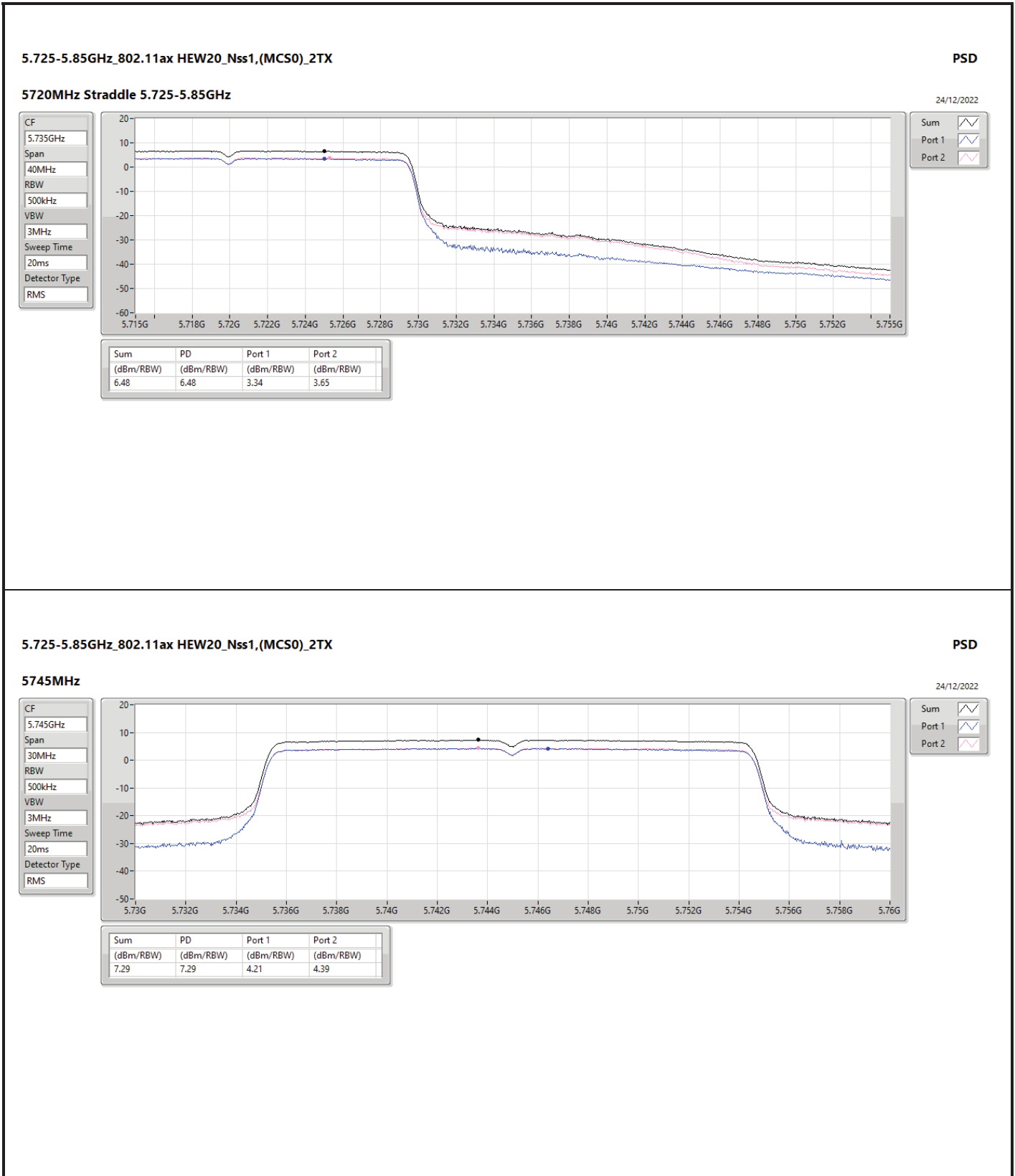


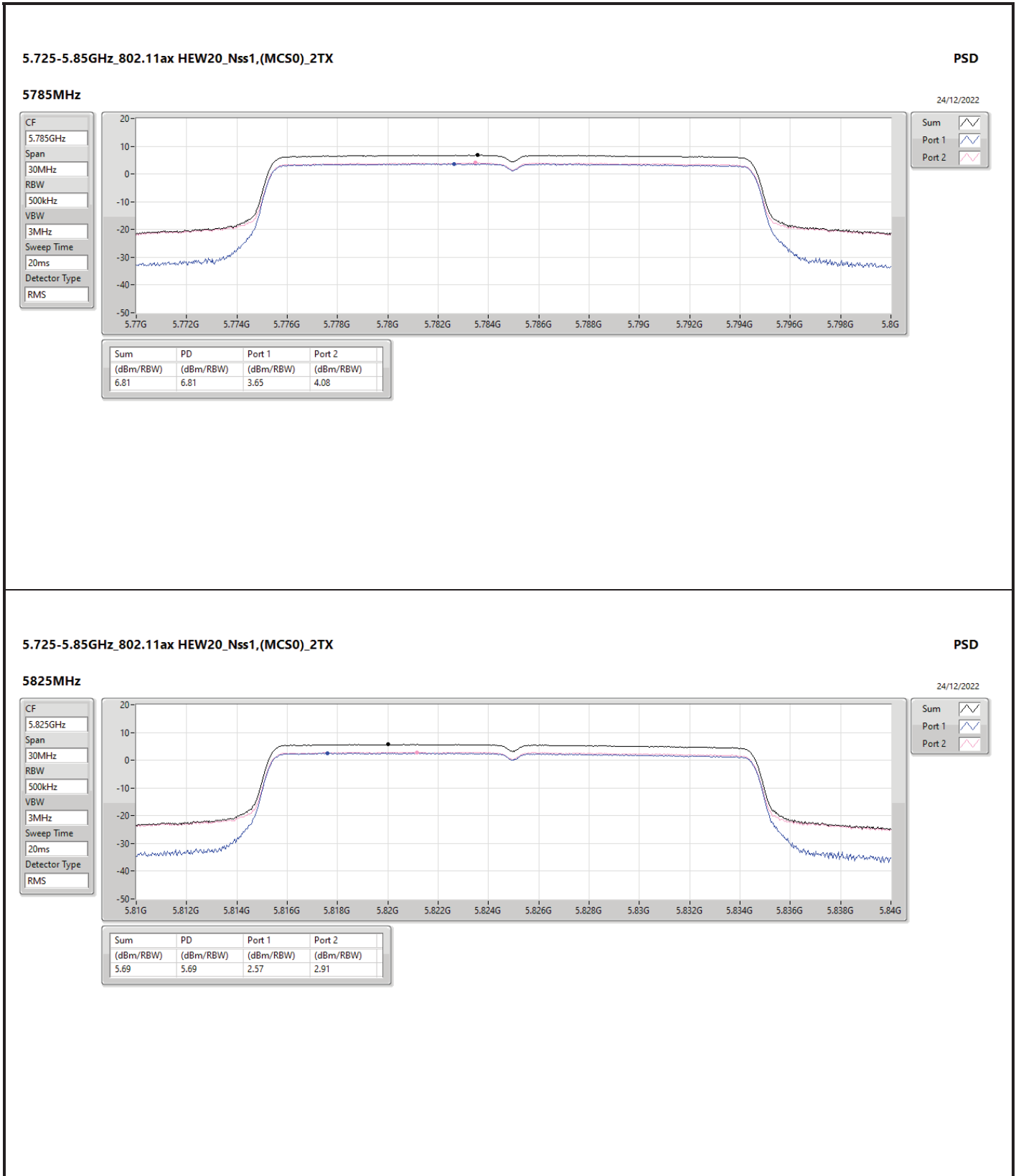




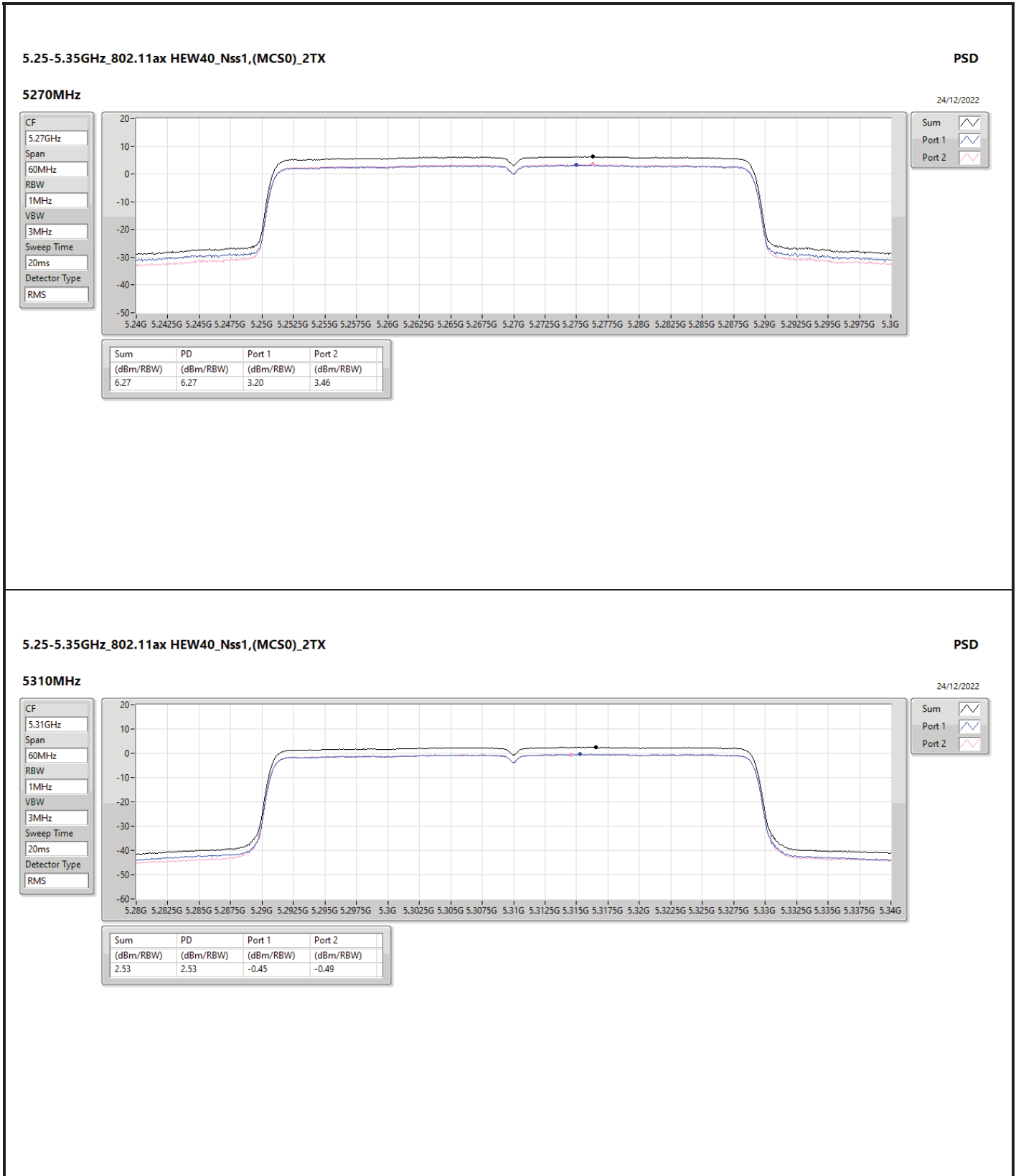


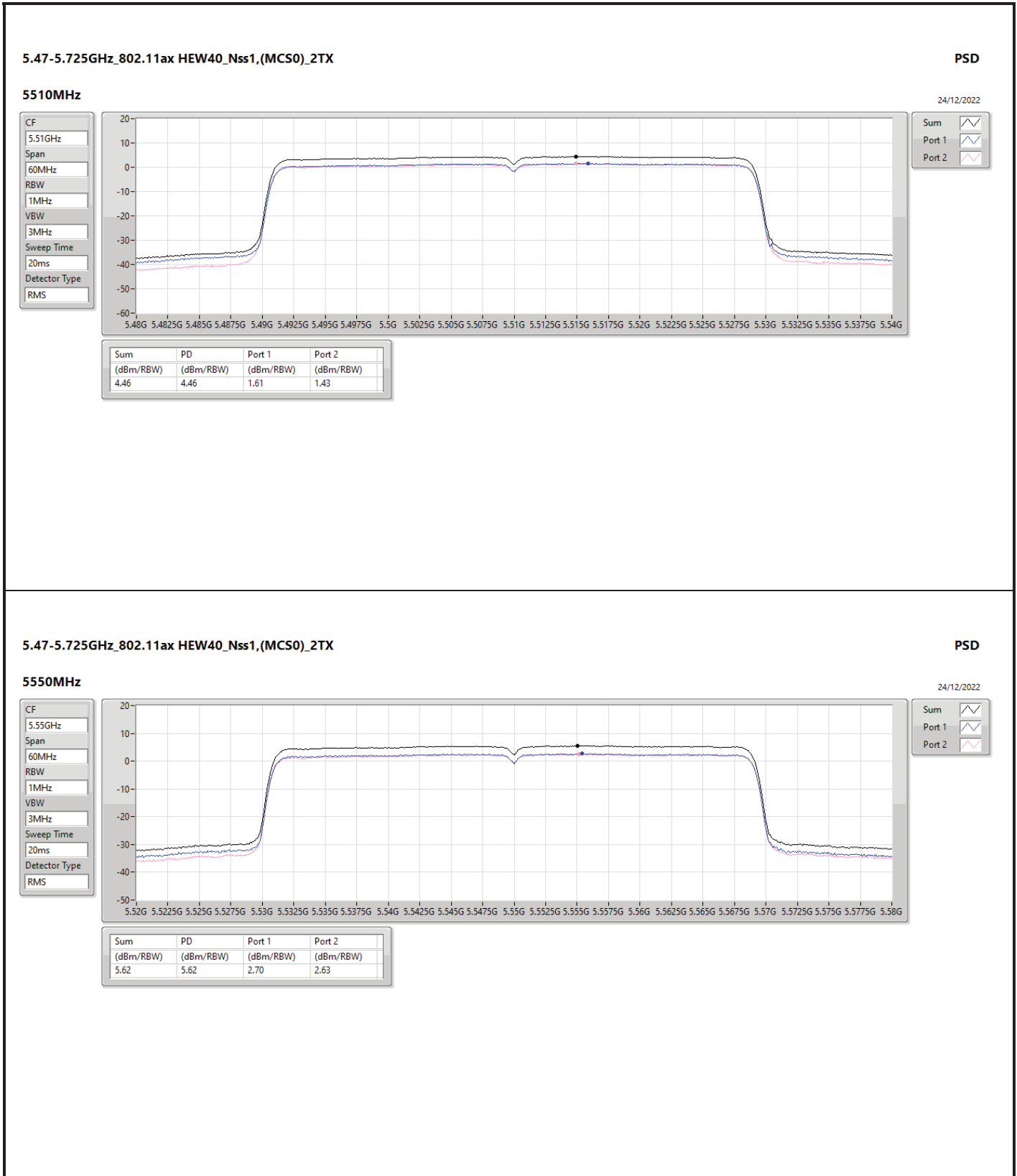


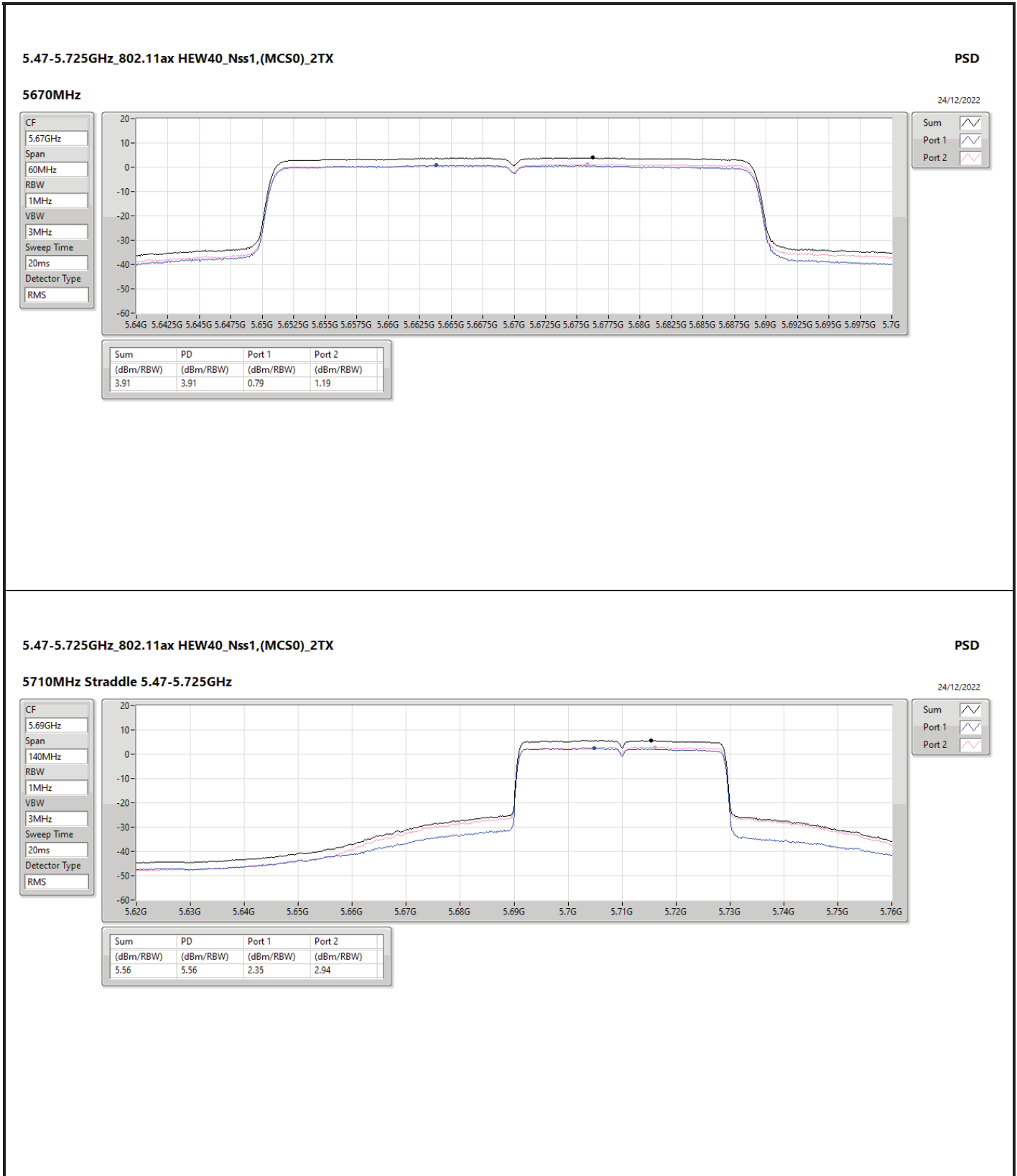


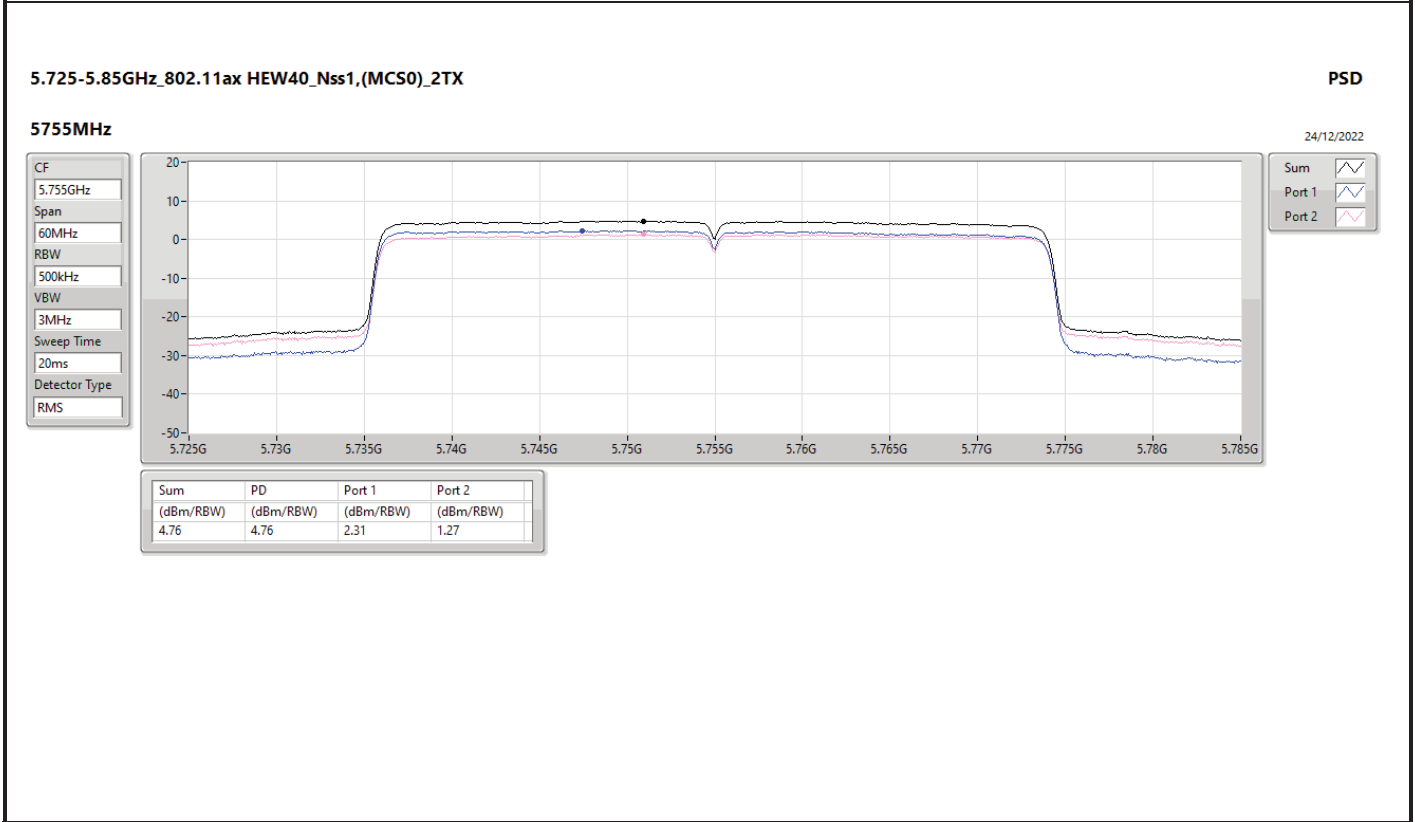
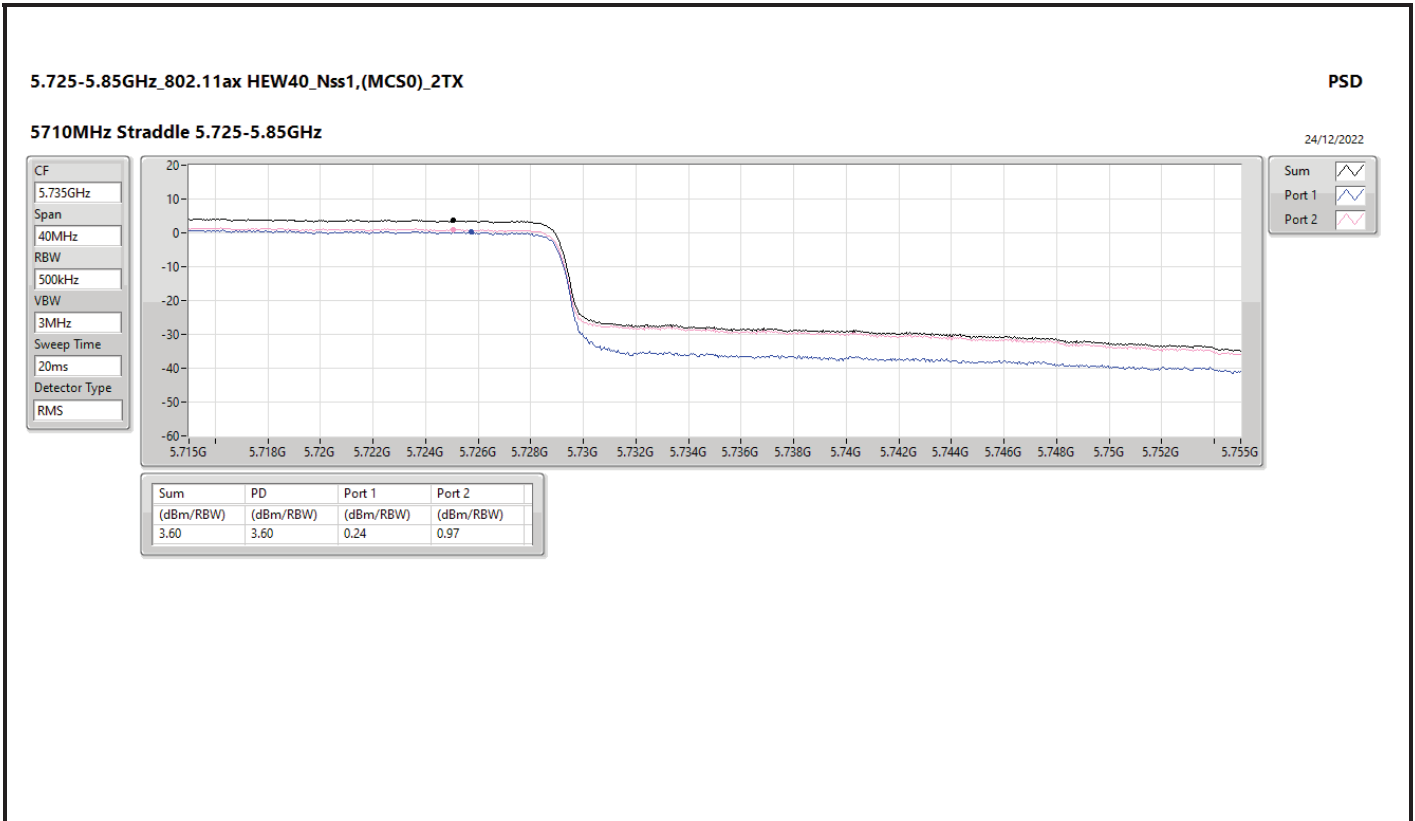




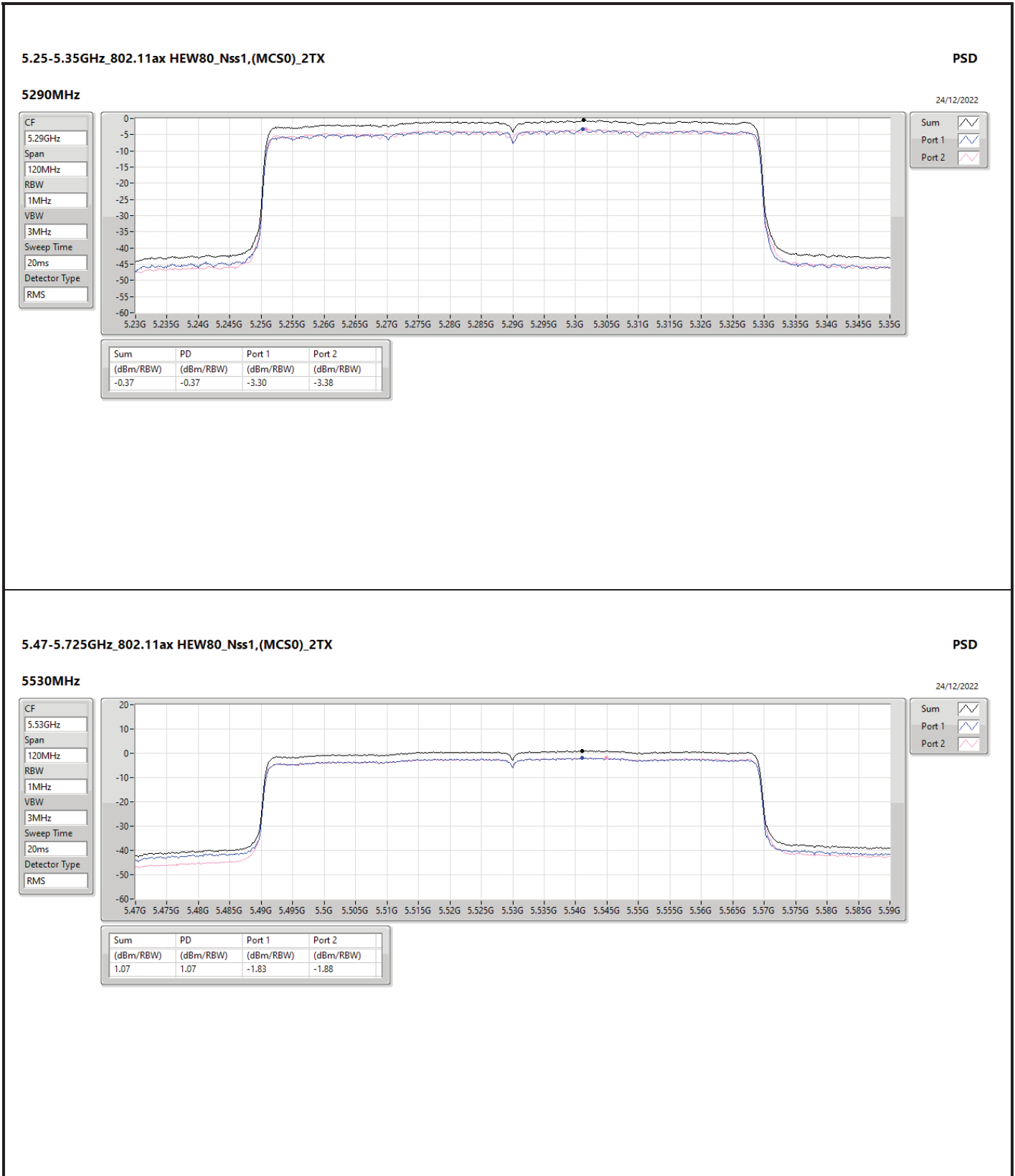


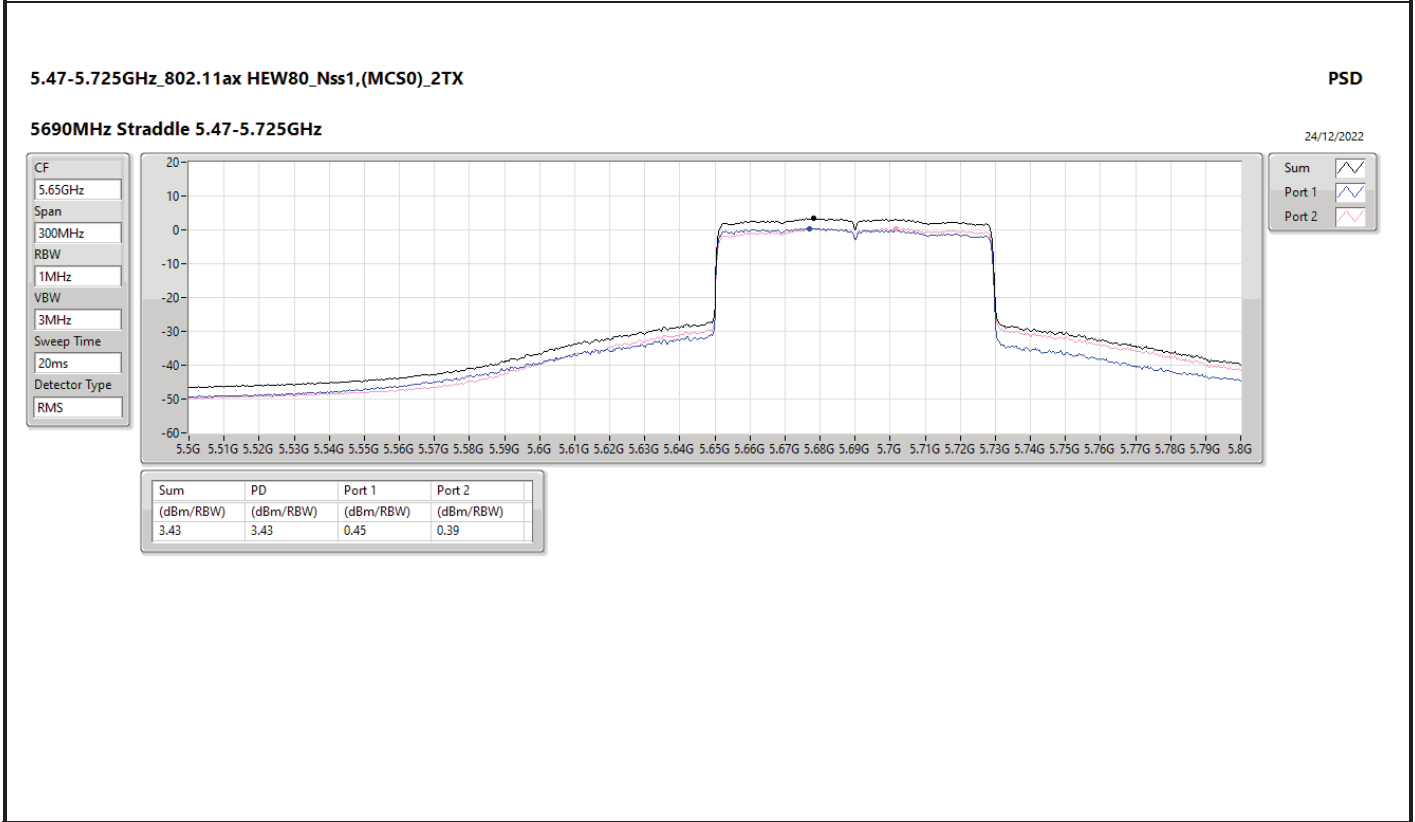
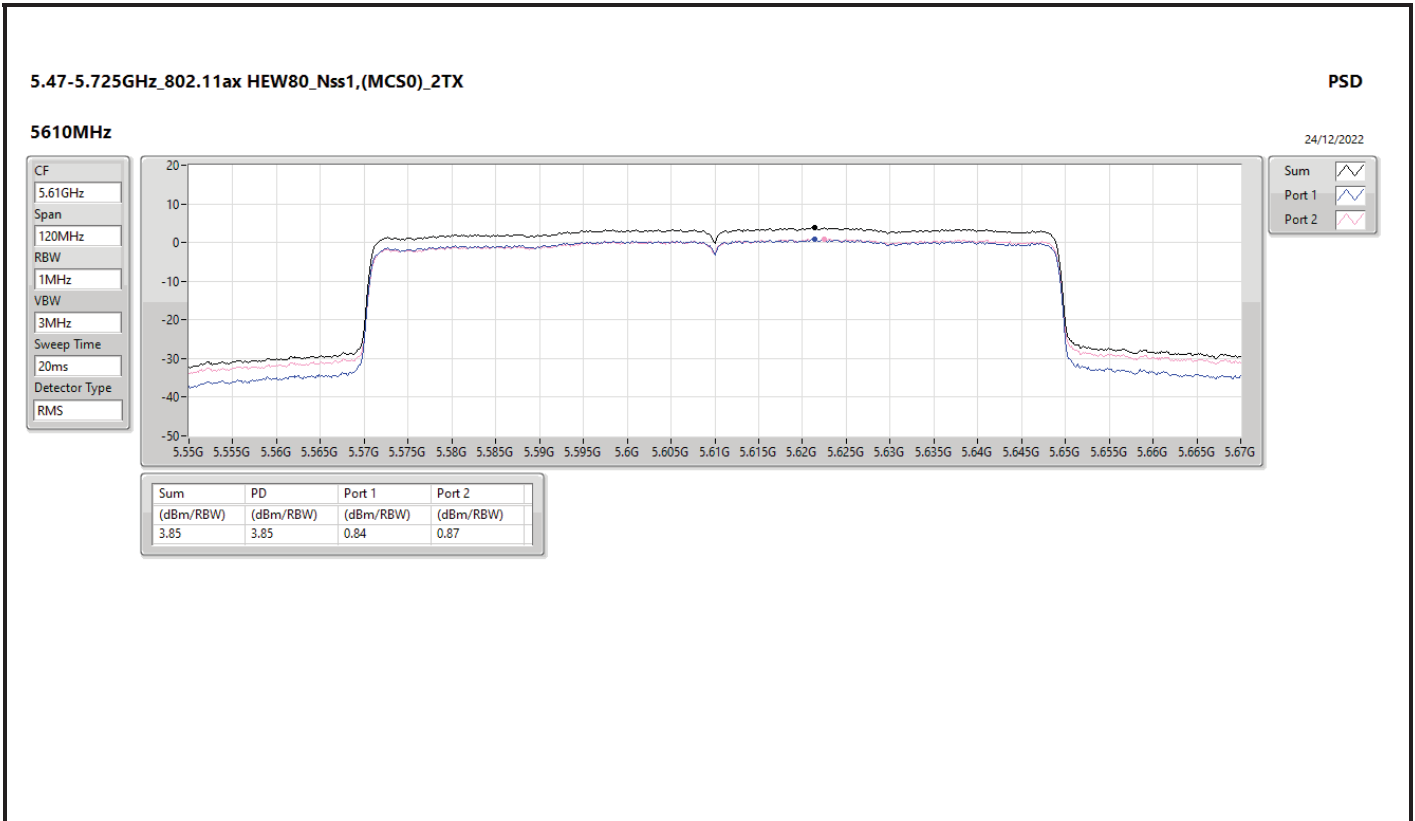


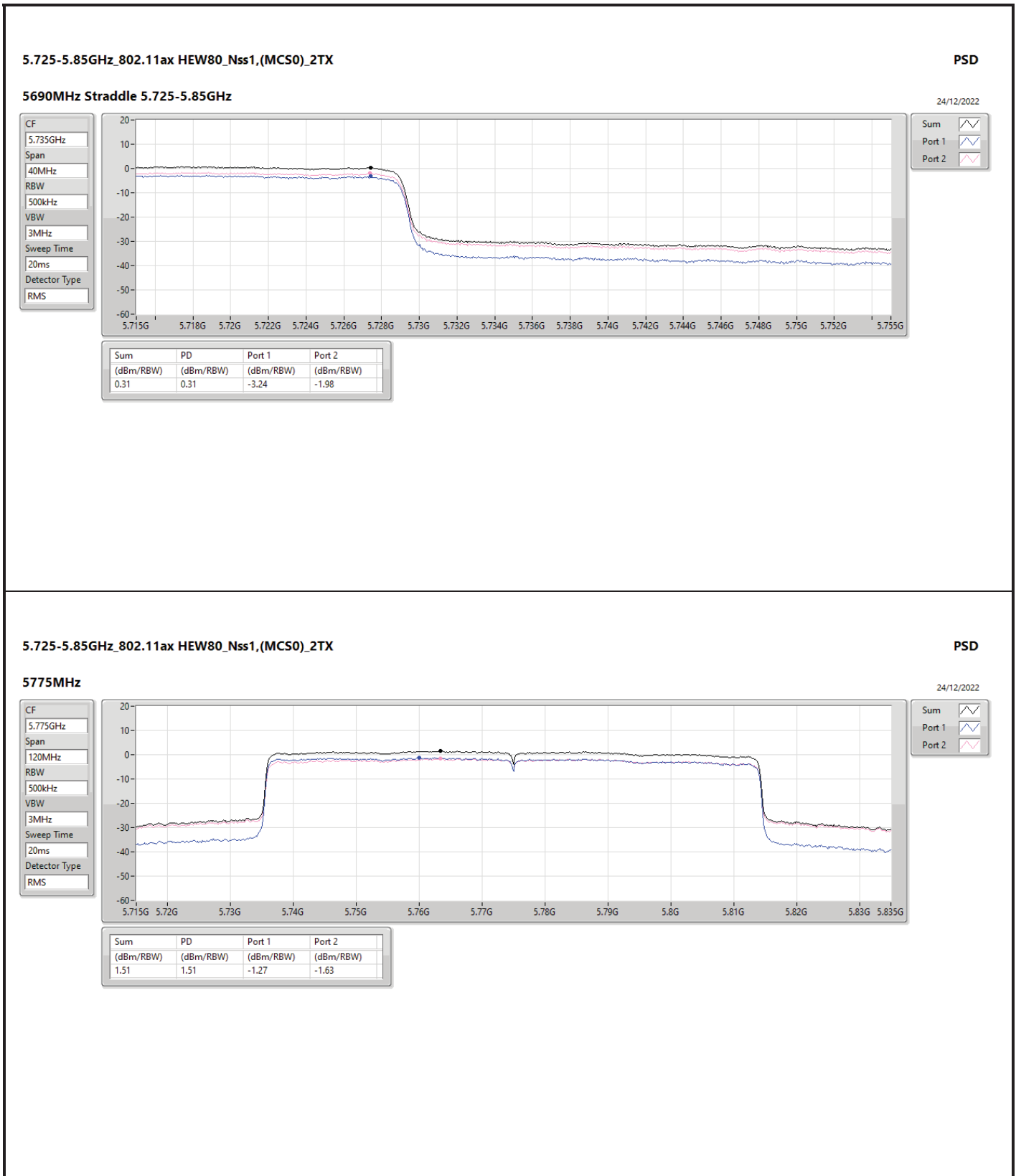














Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	6.88	10.22
802.11ax HEW20_Nss1,(MCS0)_1TX	6.43	9.77
802.11ax HEW40_Nss1,(MCS0)_1TX	2.86	6.20
802.11ax HEW80_Nss1,(MCS0)_1TX	-3.26	0.08
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	6.77	10.11
802.11ax HEW20_Nss1,(MCS0)_1TX	6.37	9.71
802.11ax HEW40_Nss1,(MCS0)_1TX	3.07	6.41
802.11ax HEW80_Nss1,(MCS0)_1TX	-3.67	-0.33
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	7.07	10.41
802.11ax HEW20_Nss1,(MCS0)_1TX	6.68	10.02
802.11ax HEW40_Nss1,(MCS0)_1TX	3.98	7.32
802.11ax HEW80_Nss1,(MCS0)_1TX	1.29	4.63
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	5.65	8.99
802.11ax HEW20_Nss1,(MCS0)_1TX	5.25	8.59
802.11ax HEW40_Nss1,(MCS0)_1TX	2.53	5.87
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.34	3.00

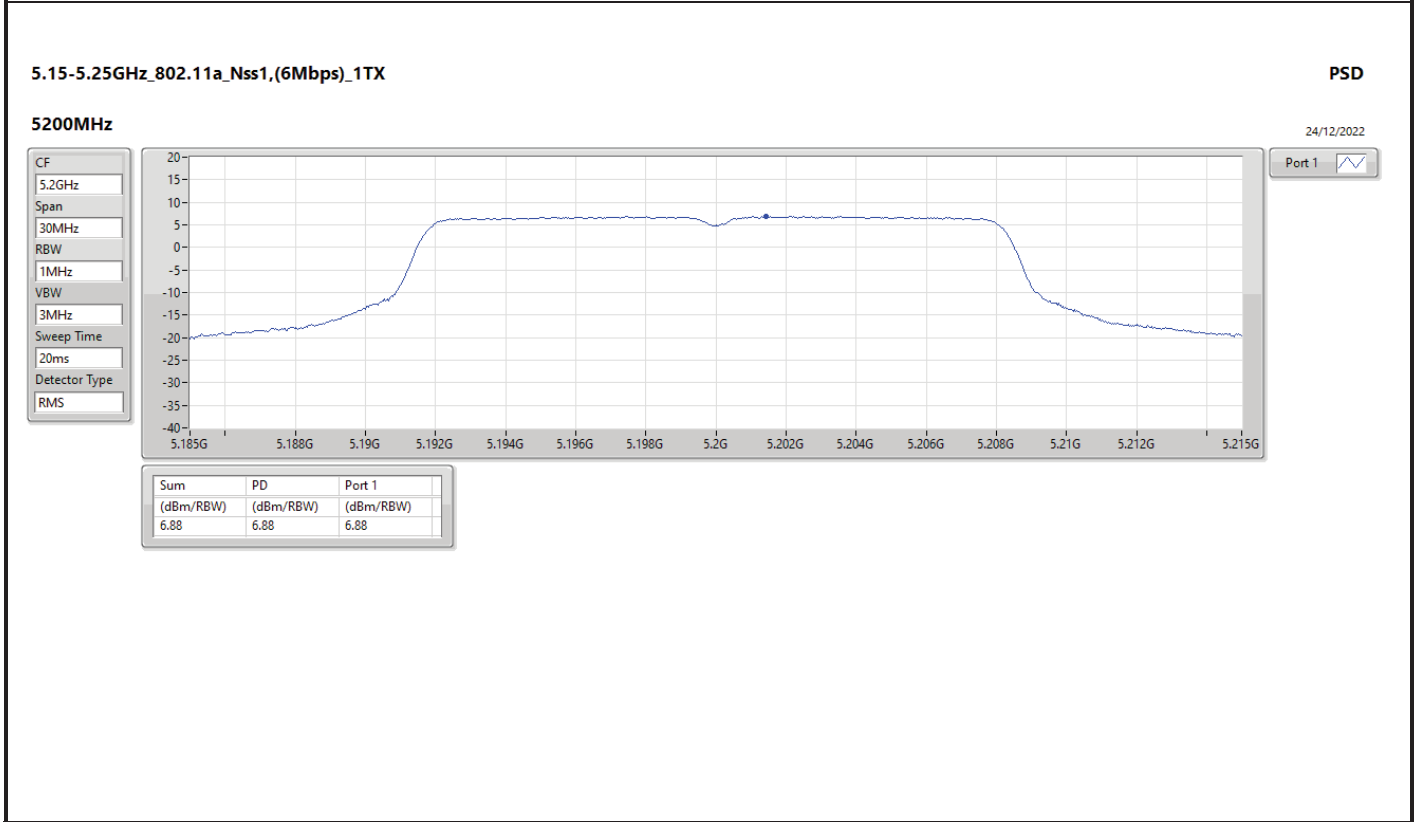
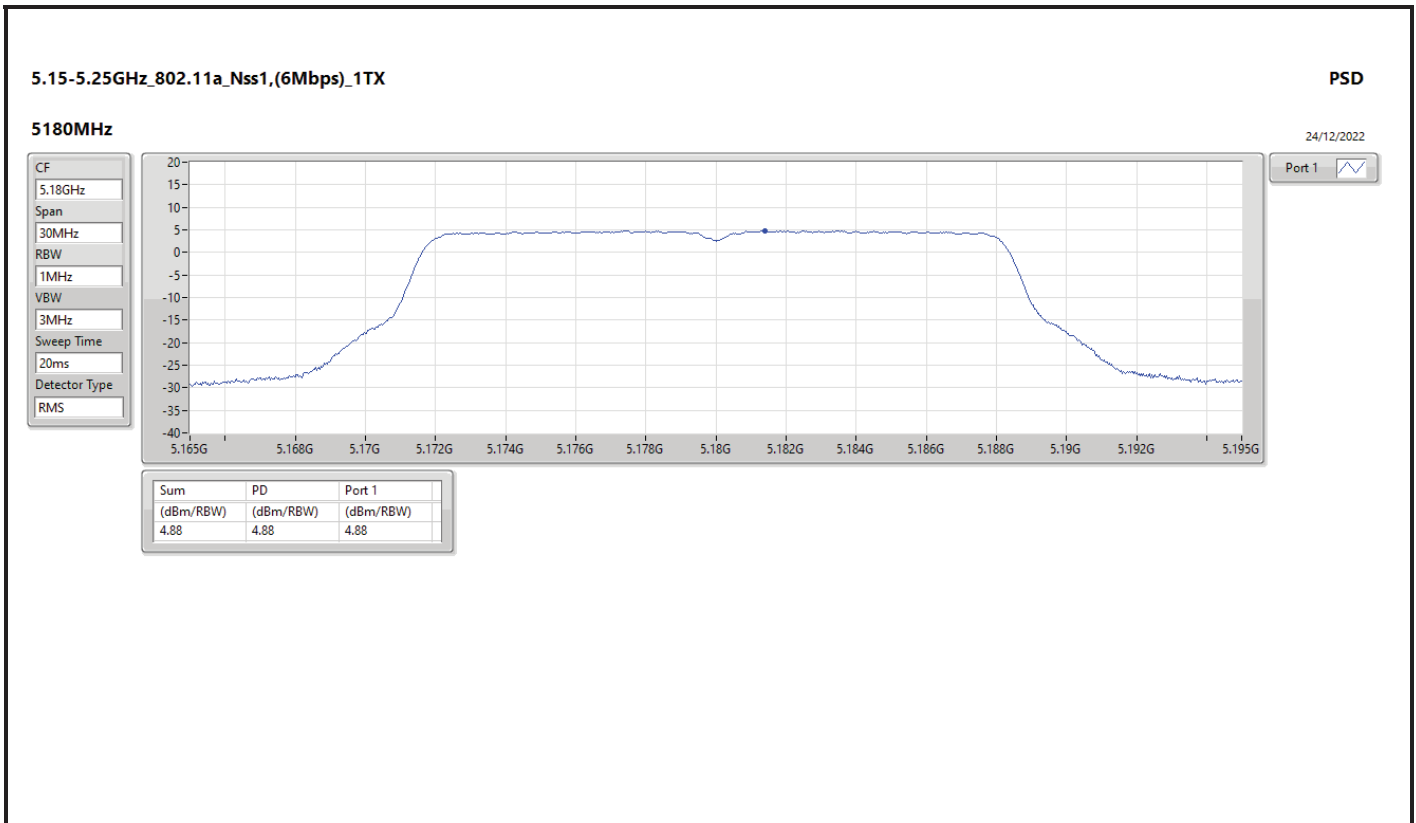
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

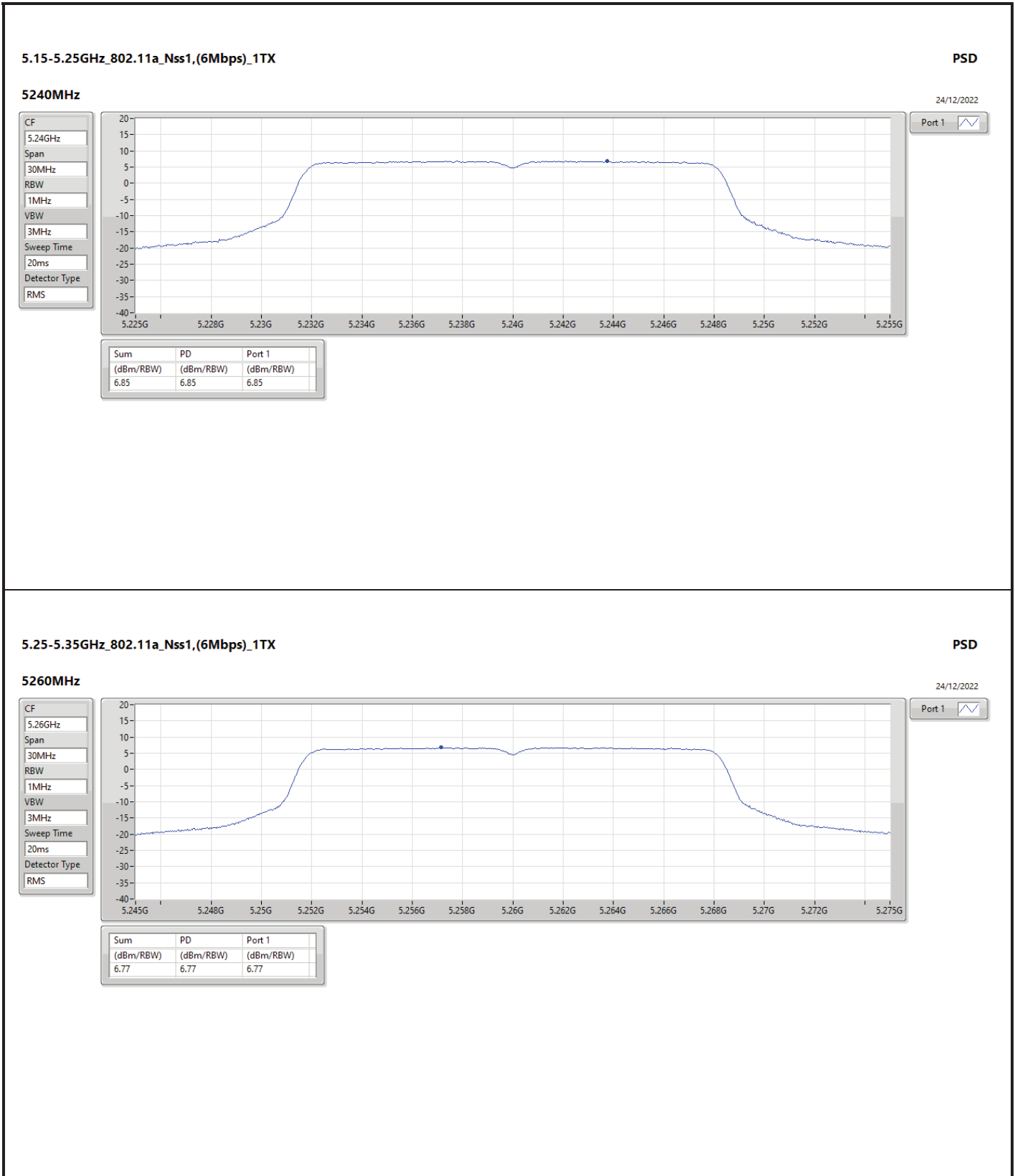


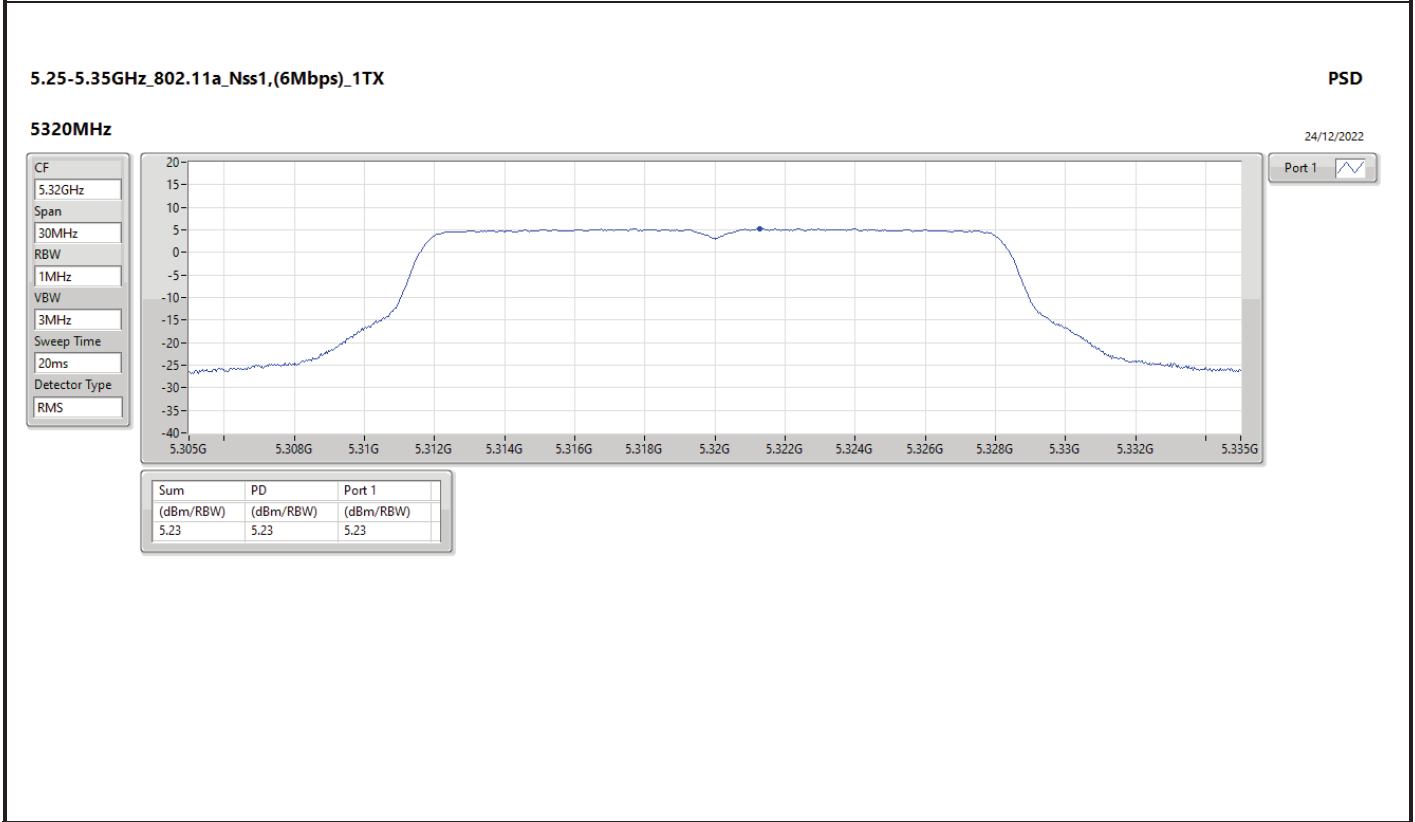
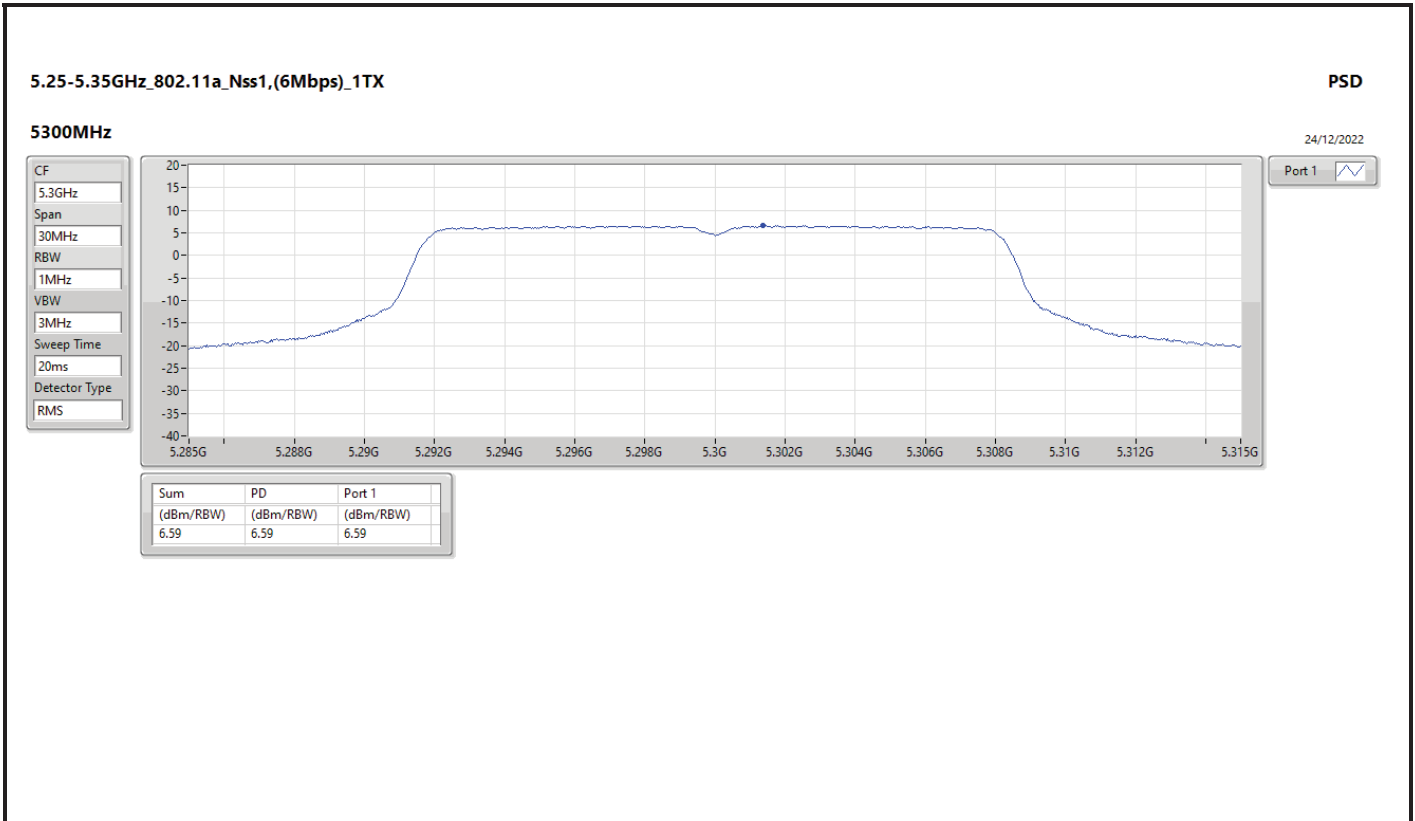
Result

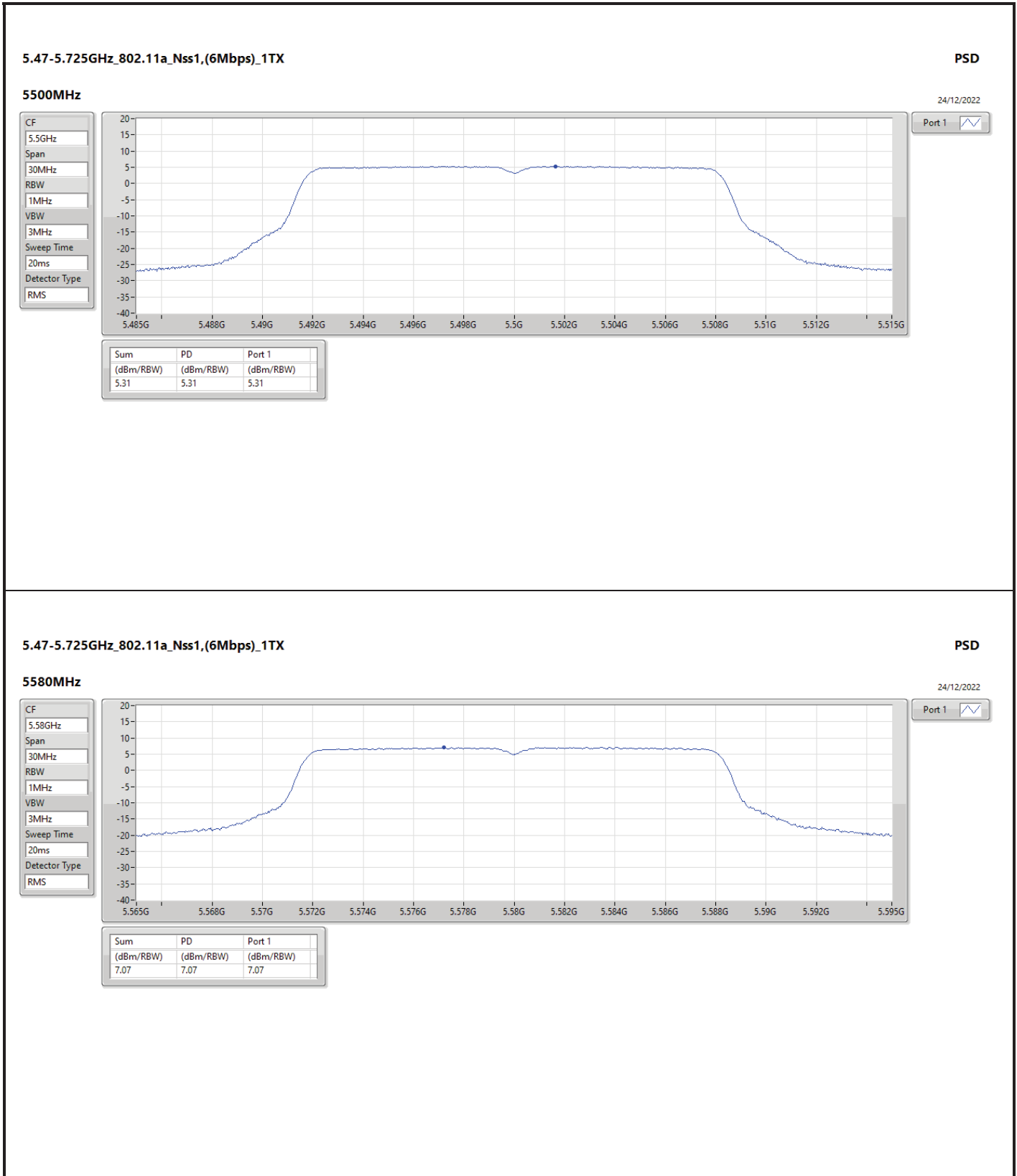
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	3.34	4.88	4.88	17.00	8.22	23.00
5200MHz	Pass	3.34	6.88	6.88	17.00	10.22	23.00
5240MHz	Pass	3.34	6.85	6.85	17.00	10.19	23.00
5260MHz	Pass	3.34	6.77	6.77	11.00	10.11	17.00
5300MHz	Pass	3.34	6.59	6.59	11.00	9.93	17.00
5320MHz	Pass	3.34	5.23	5.23	11.00	8.57	17.00
5500MHz	Pass	3.34	5.31	5.31	11.00	8.65	17.00
5580MHz	Pass	3.34	7.07	7.07	11.00	10.41	17.00
5700MHz	Pass	3.34	2.70	2.70	11.00	6.04	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.34	6.99	6.99	11.00	10.33	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.34	5.22	5.22	30.00	8.56	36.00
5745MHz	Pass	3.34	5.50	5.50	30.00	8.84	36.00
5785MHz	Pass	3.34	5.65	5.65	30.00	8.99	36.00
5825MHz	Pass	3.34	5.60	5.60	30.00	8.94	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	3.34	3.87	3.87	17.00	7.21	23.00
5200MHz	Pass	3.34	6.43	6.43	17.00	9.77	23.00
5240MHz	Pass	3.34	6.42	6.42	17.00	9.76	23.00
5260MHz	Pass	3.34	6.37	6.37	11.00	9.71	17.00
5300MHz	Pass	3.34	6.24	6.24	11.00	9.58	17.00
5320MHz	Pass	3.34	4.13	4.13	11.00	7.47	17.00
5500MHz	Pass	3.34	4.52	4.52	11.00	7.86	17.00
5580MHz	Pass	3.34	6.68	6.68	11.00	10.02	17.00
5700MHz	Pass	3.34	2.97	2.97	11.00	6.31	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.34	6.48	6.48	11.00	9.82	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.34	4.84	4.84	30.00	8.18	36.00
5745MHz	Pass	3.34	5.18	5.18	30.00	8.52	36.00
5785MHz	Pass	3.34	5.25	5.25	30.00	8.59	36.00
5825MHz	Pass	3.34	5.12	5.12	30.00	8.46	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	3.34	-0.47	-0.47	17.00	2.87	23.00
5230MHz	Pass	3.34	2.86	2.86	17.00	6.20	23.00
5270MHz	Pass	3.34	3.07	3.07	11.00	6.41	17.00
5310MHz	Pass	3.34	-1.31	-1.31	11.00	2.03	17.00
5510MHz	Pass	3.34	-0.49	-0.49	11.00	2.85	17.00
5550MHz	Pass	3.34	3.88	3.88	11.00	7.22	17.00
5670MHz	Pass	3.34	2.11	2.11	11.00	5.45	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.34	3.98	3.98	11.00	7.32	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.34	1.95	1.95	30.00	5.29	36.00
5755MHz	Pass	3.34	2.41	2.41	30.00	5.75	36.00
5795MHz	Pass	3.34	2.53	2.53	30.00	5.87	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	3.34	-3.26	-3.26	17.00	0.08	23.00
5290MHz	Pass	3.34	-3.67	-3.67	11.00	-0.33	17.00
5530MHz	Pass	3.34	-2.52	-2.52	11.00	0.82	17.00
5610MHz	Pass	3.34	1.29	1.29	11.00	4.63	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.34	1.18	1.18	11.00	4.52	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.34	-1.25	-1.25	30.00	2.09	36.00
5775MHz	Pass	3.34	-0.34	-0.34	30.00	3.00	36.00

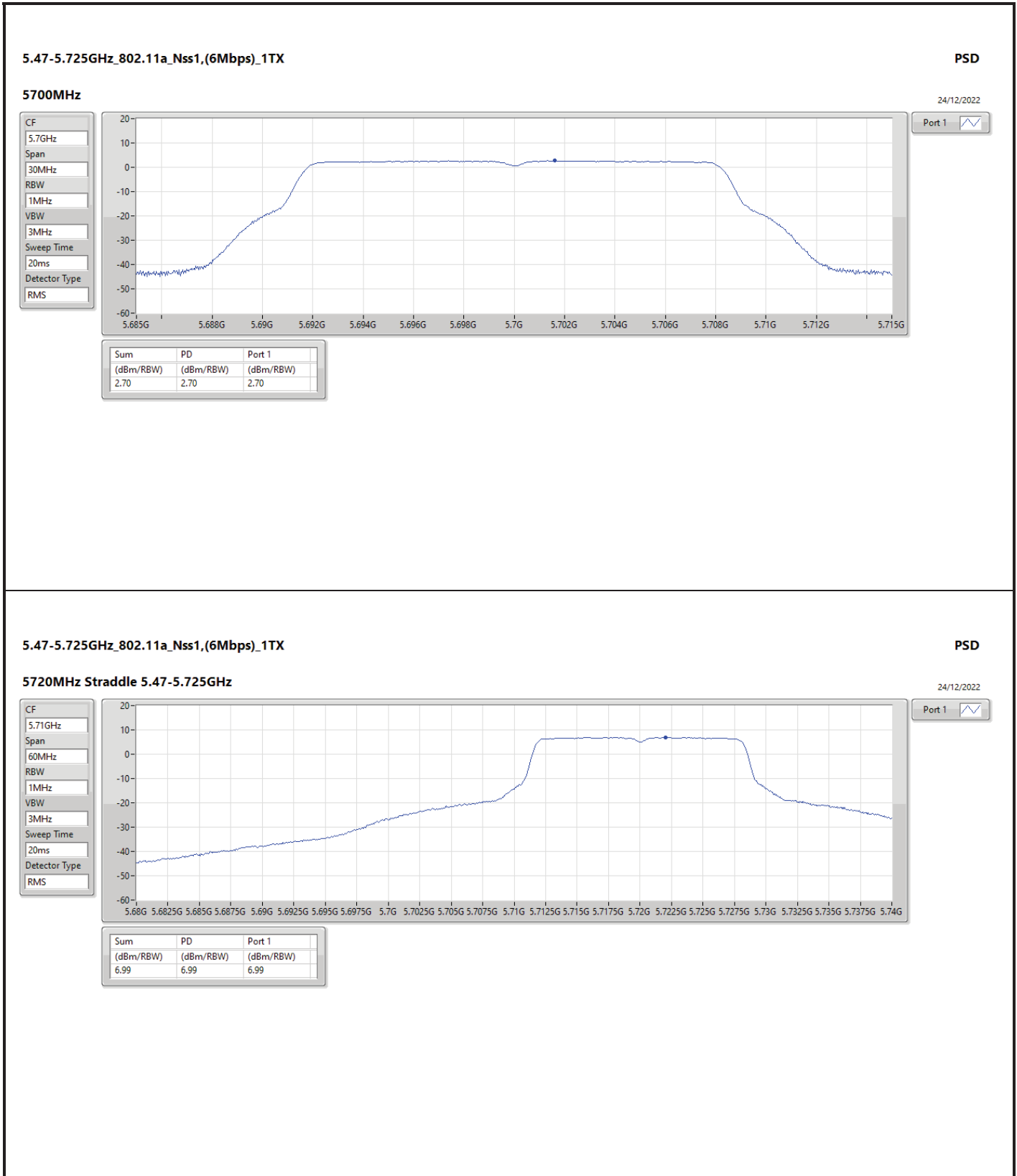
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

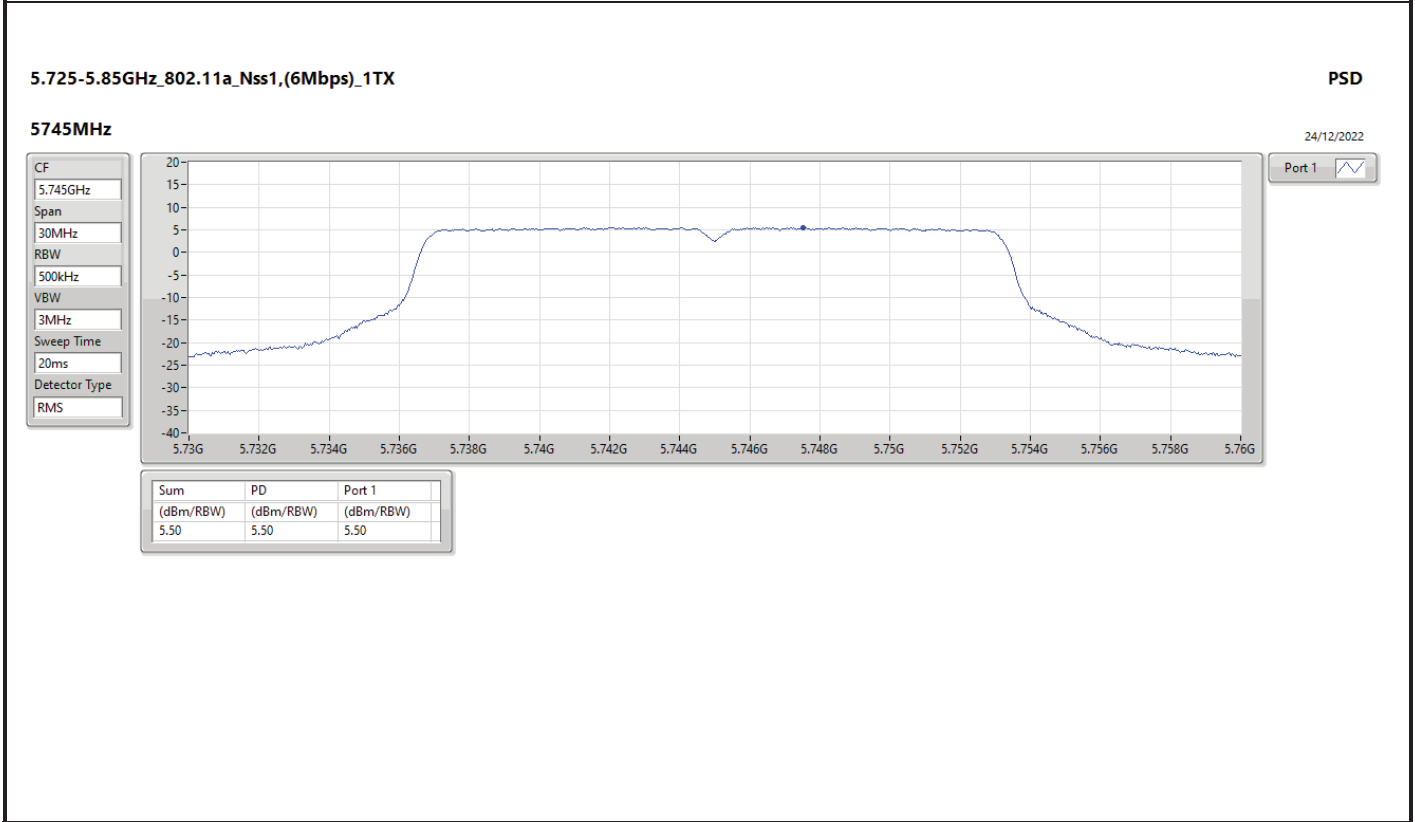
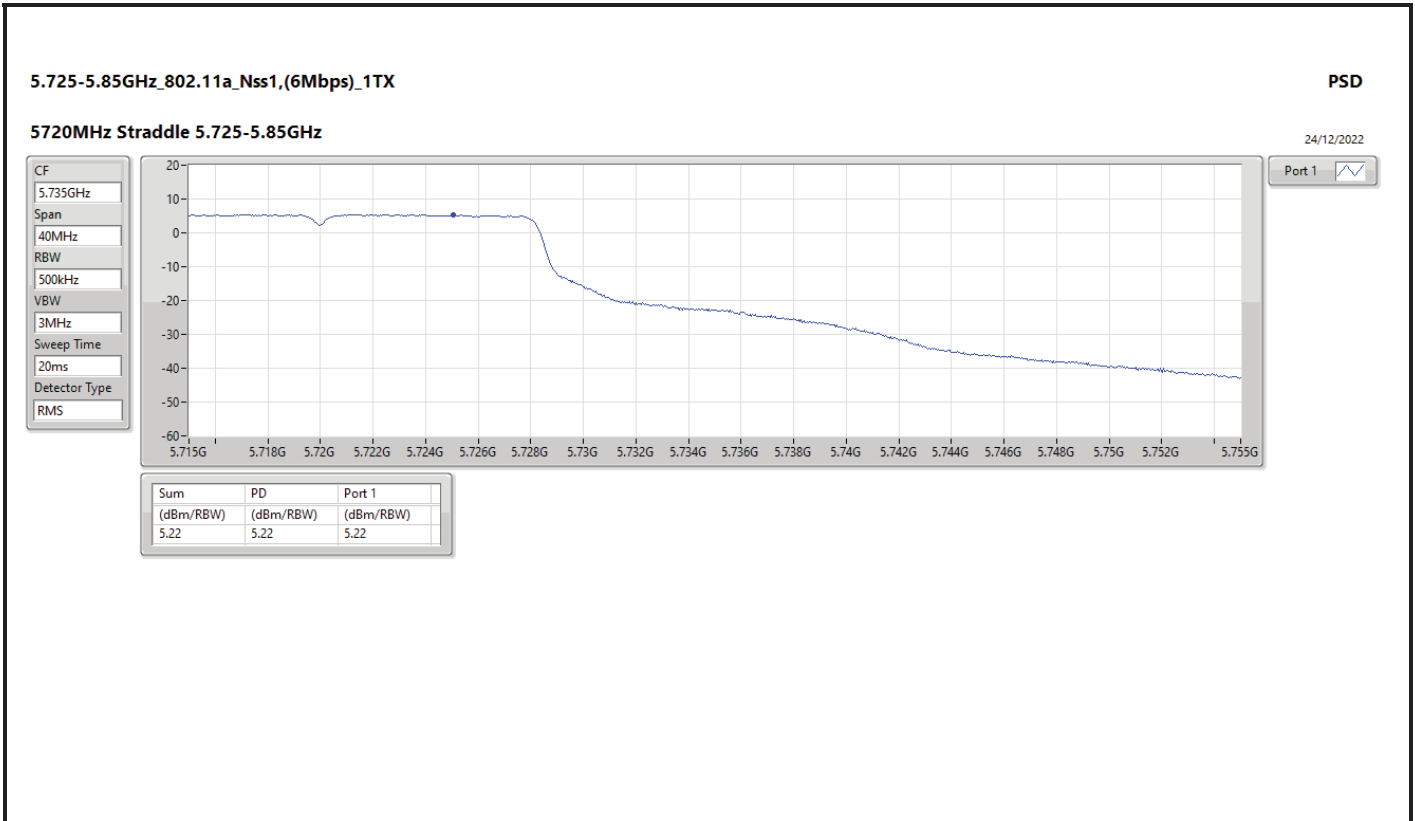


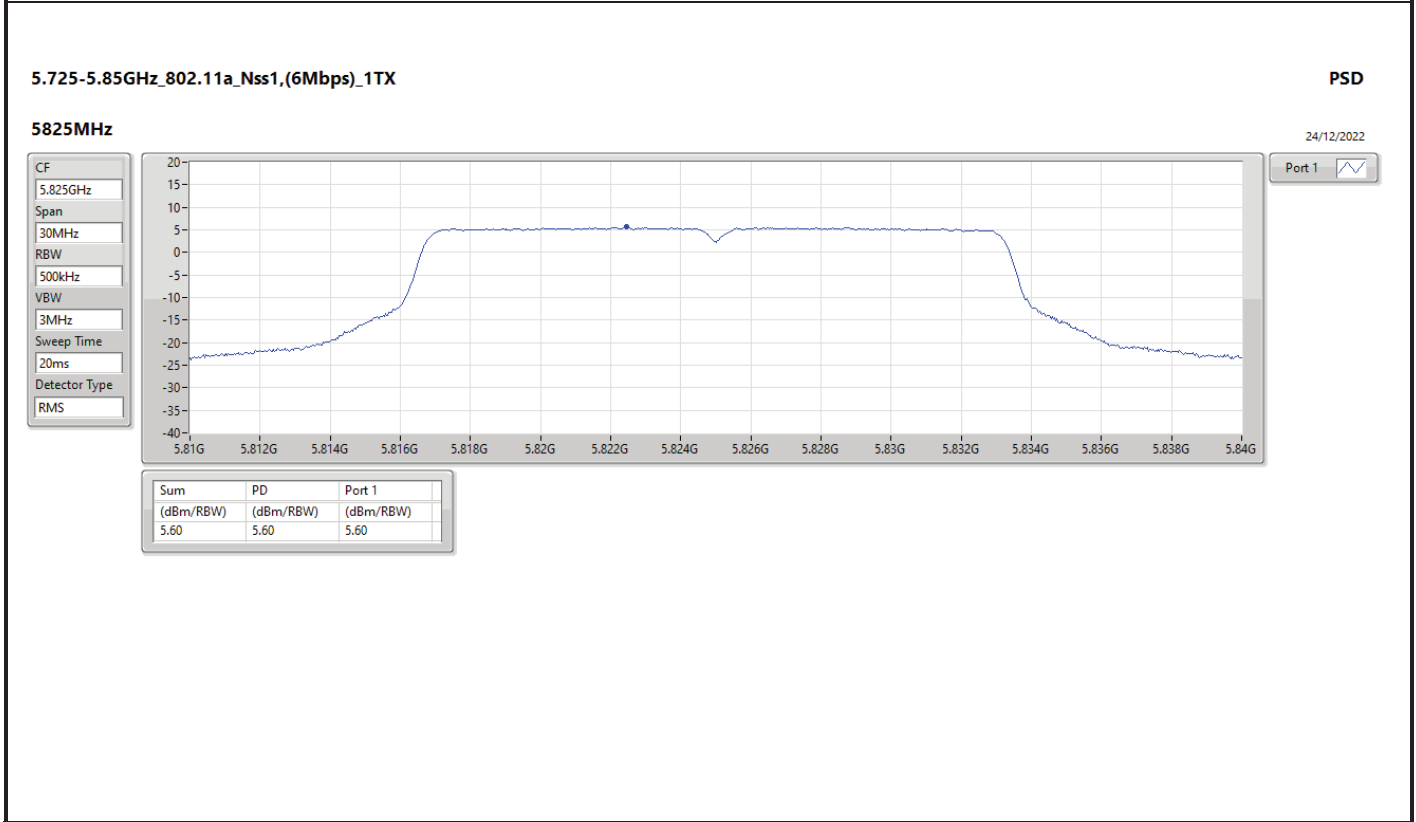
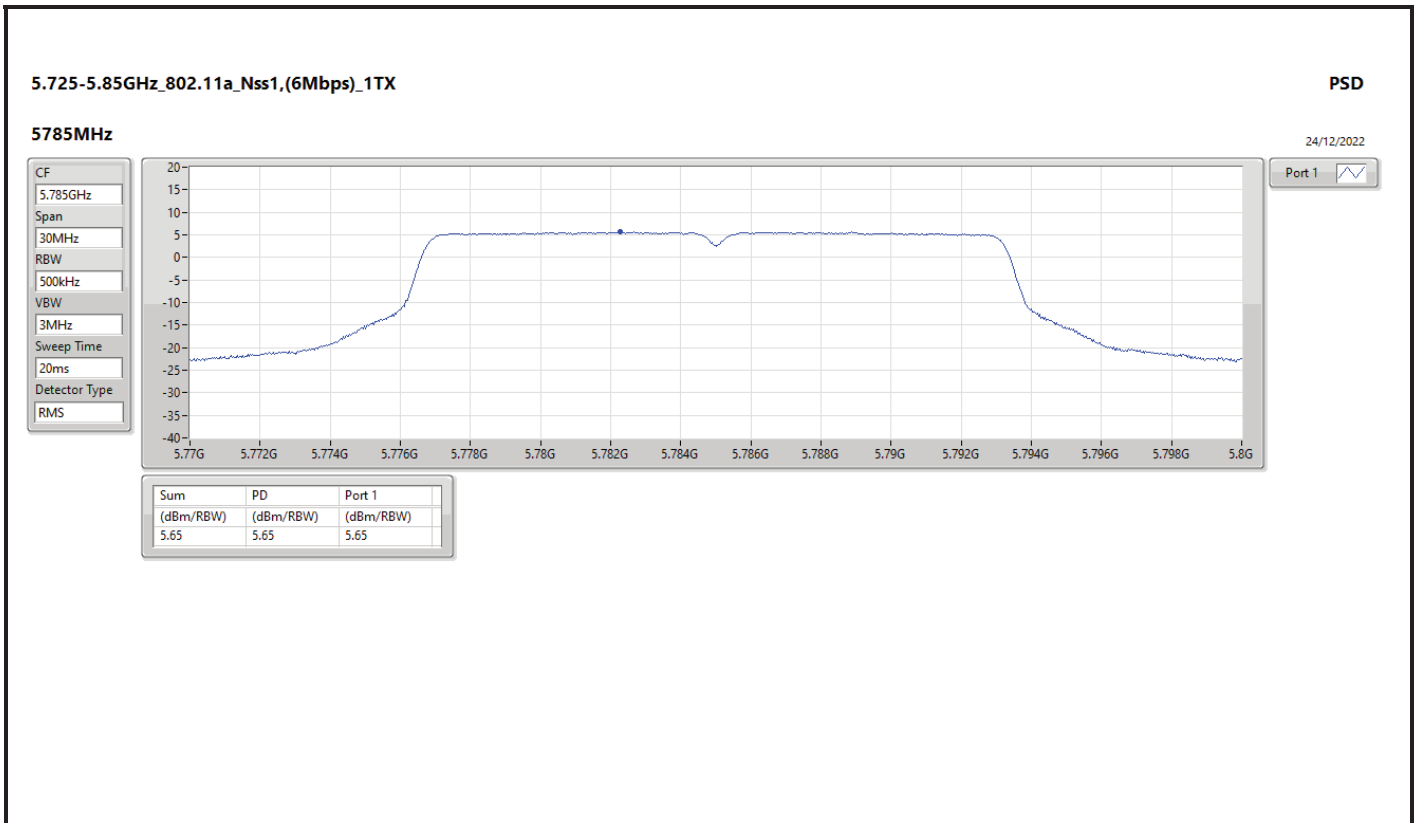


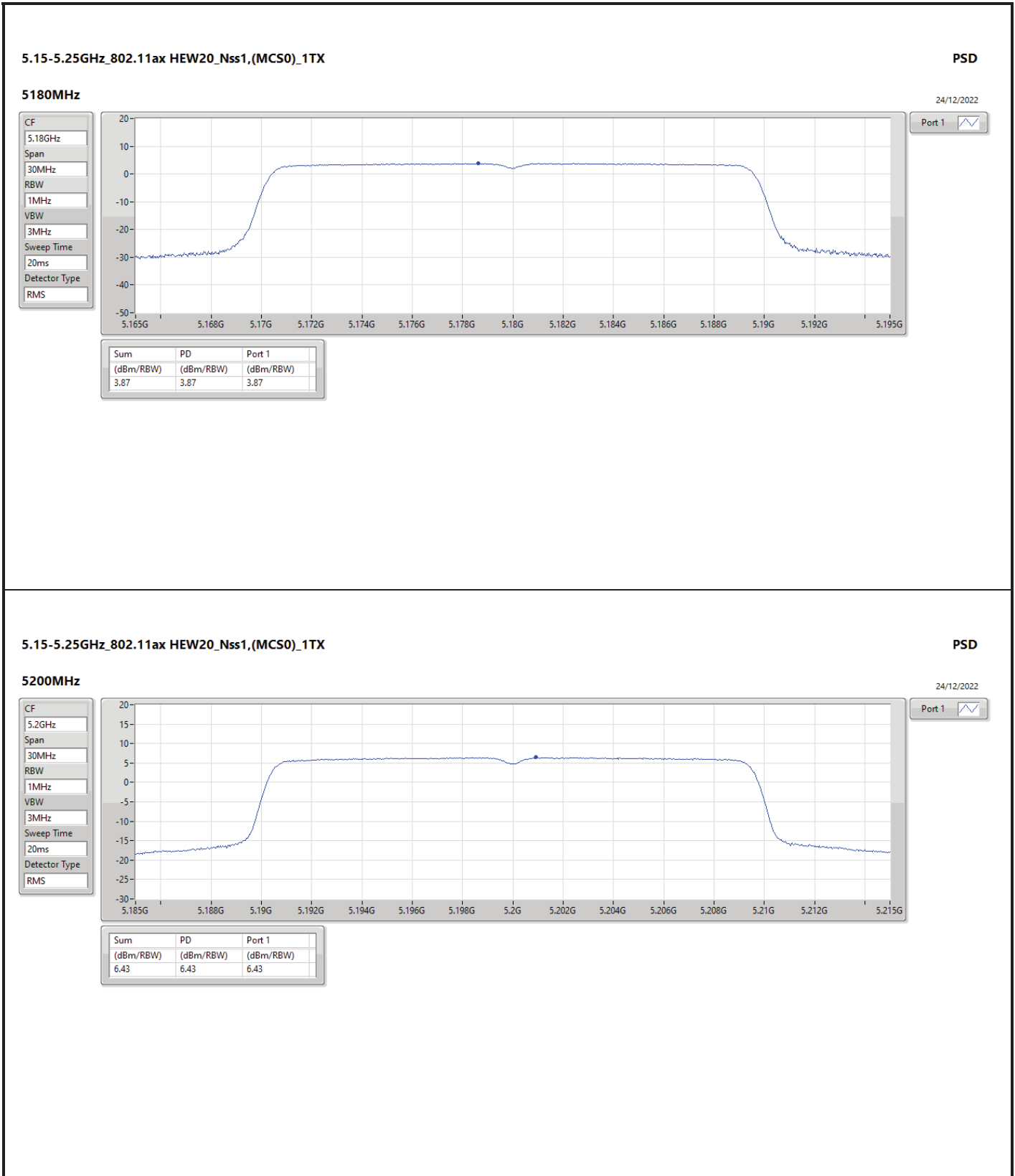




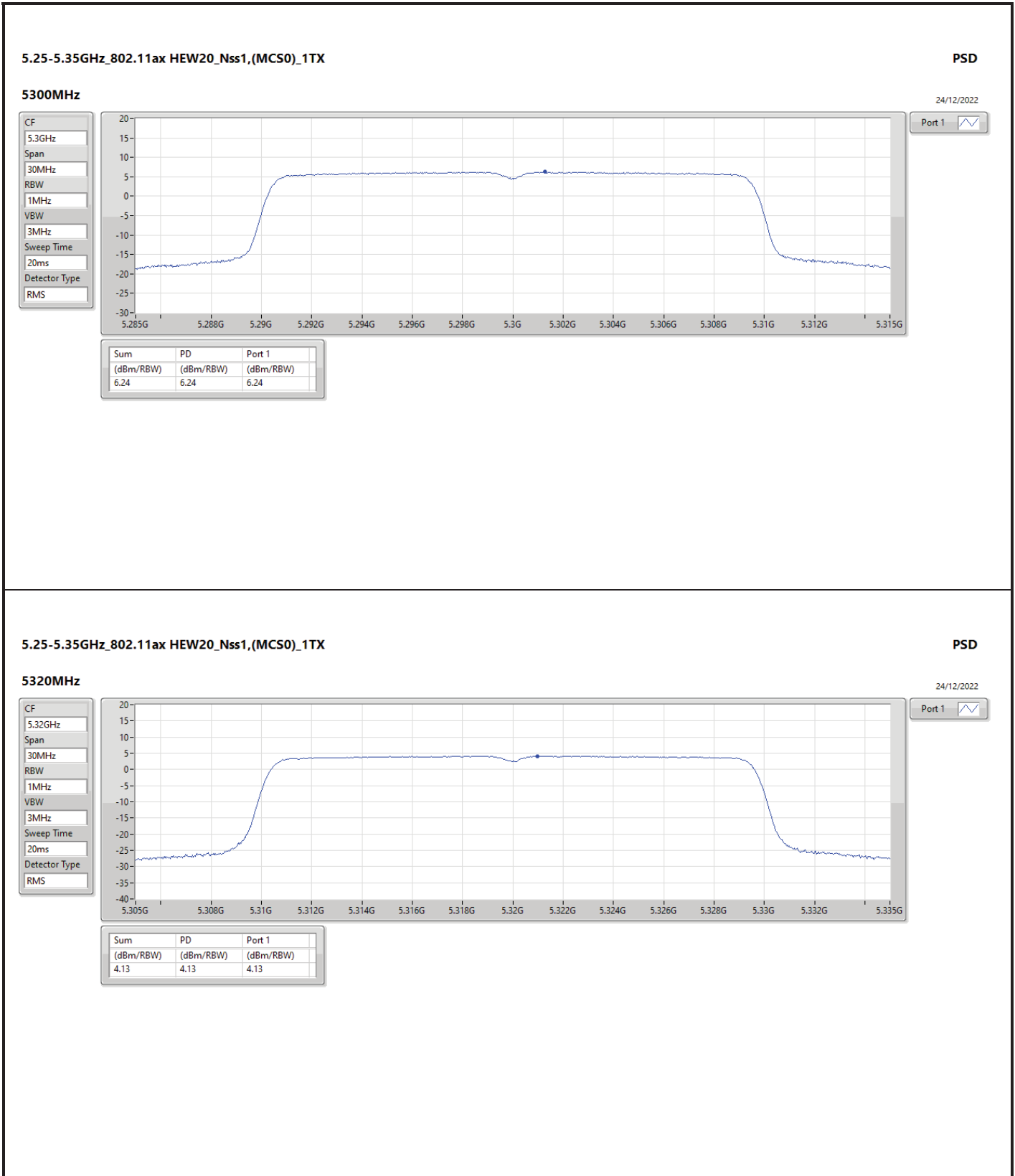


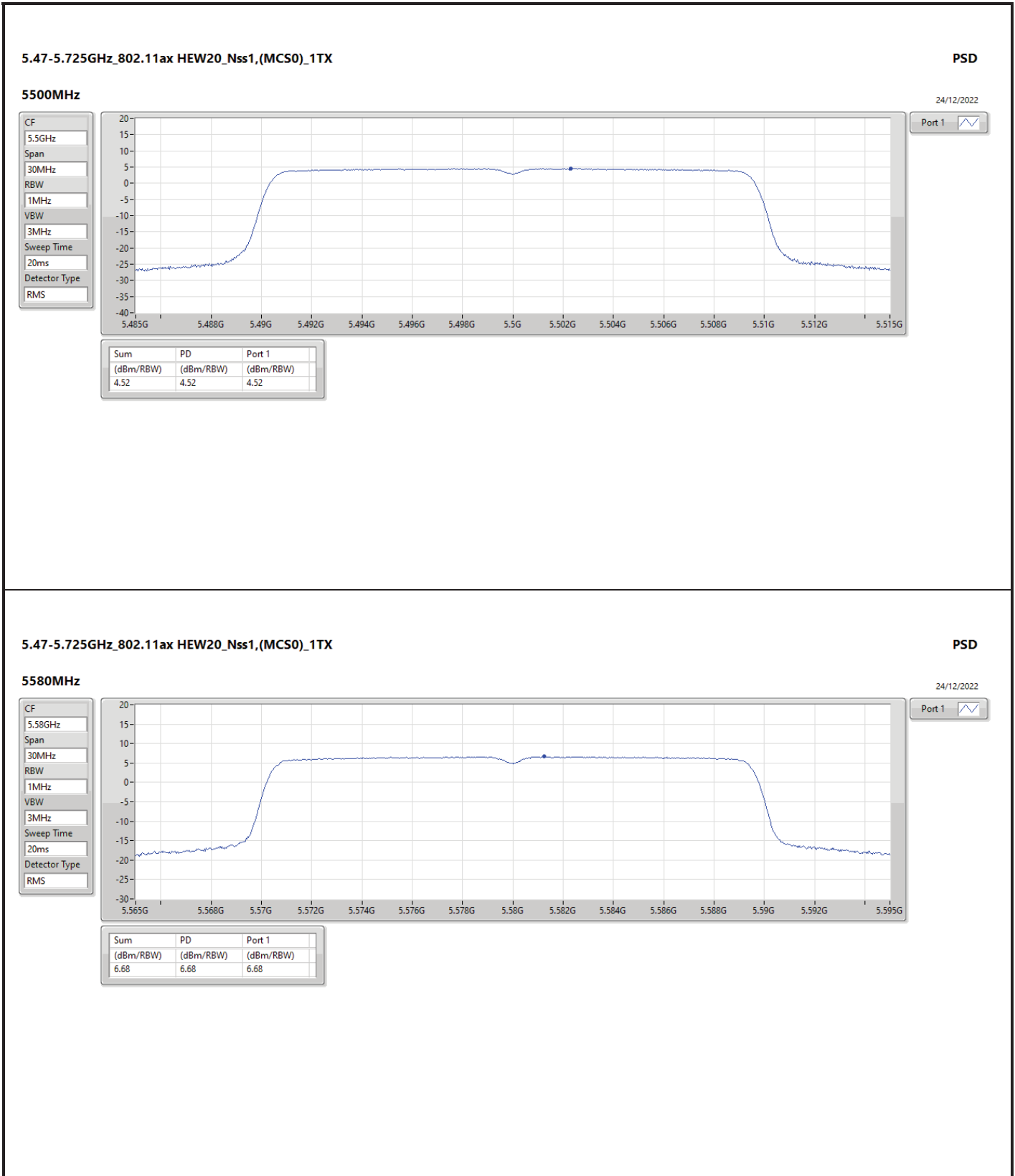


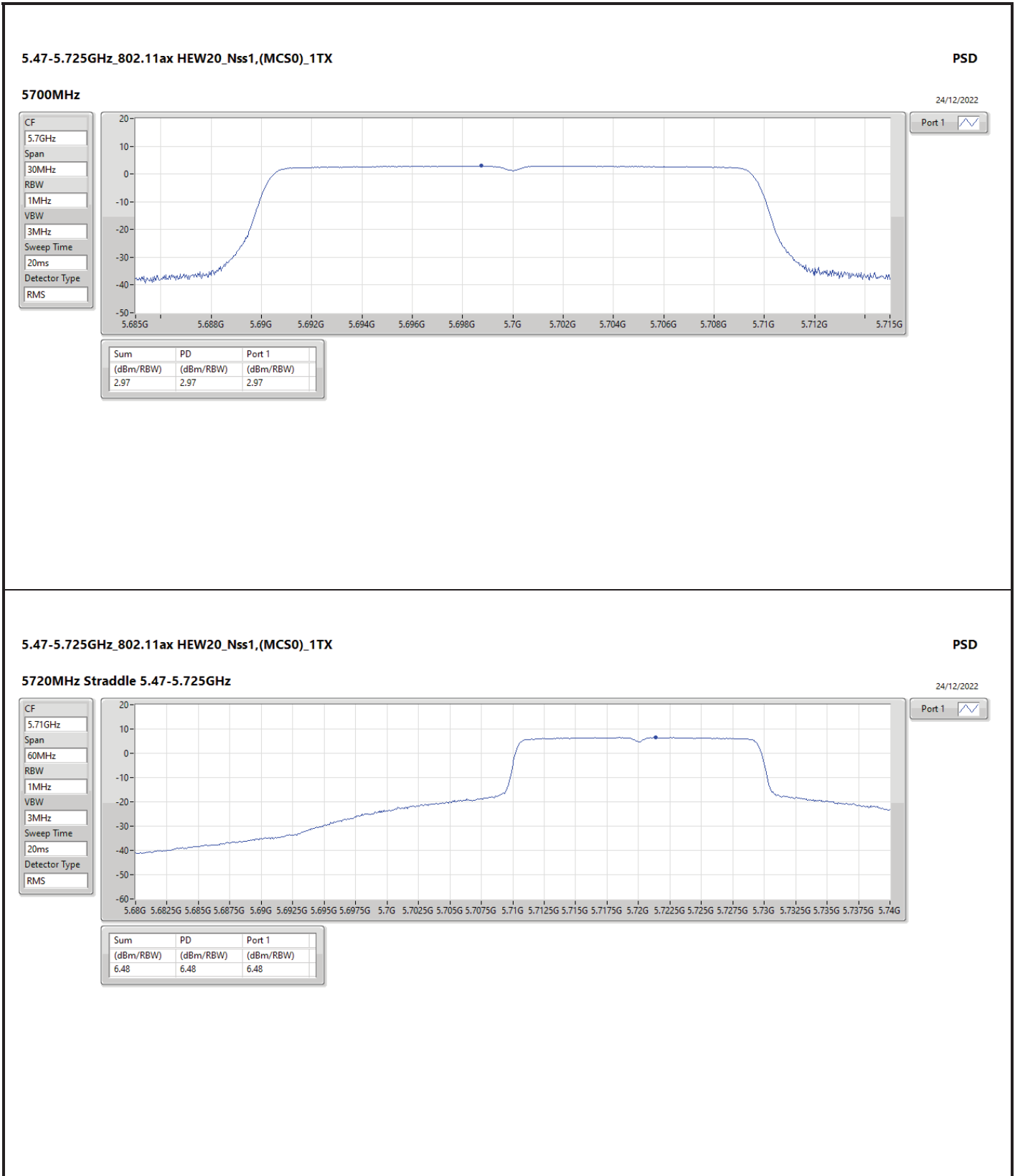


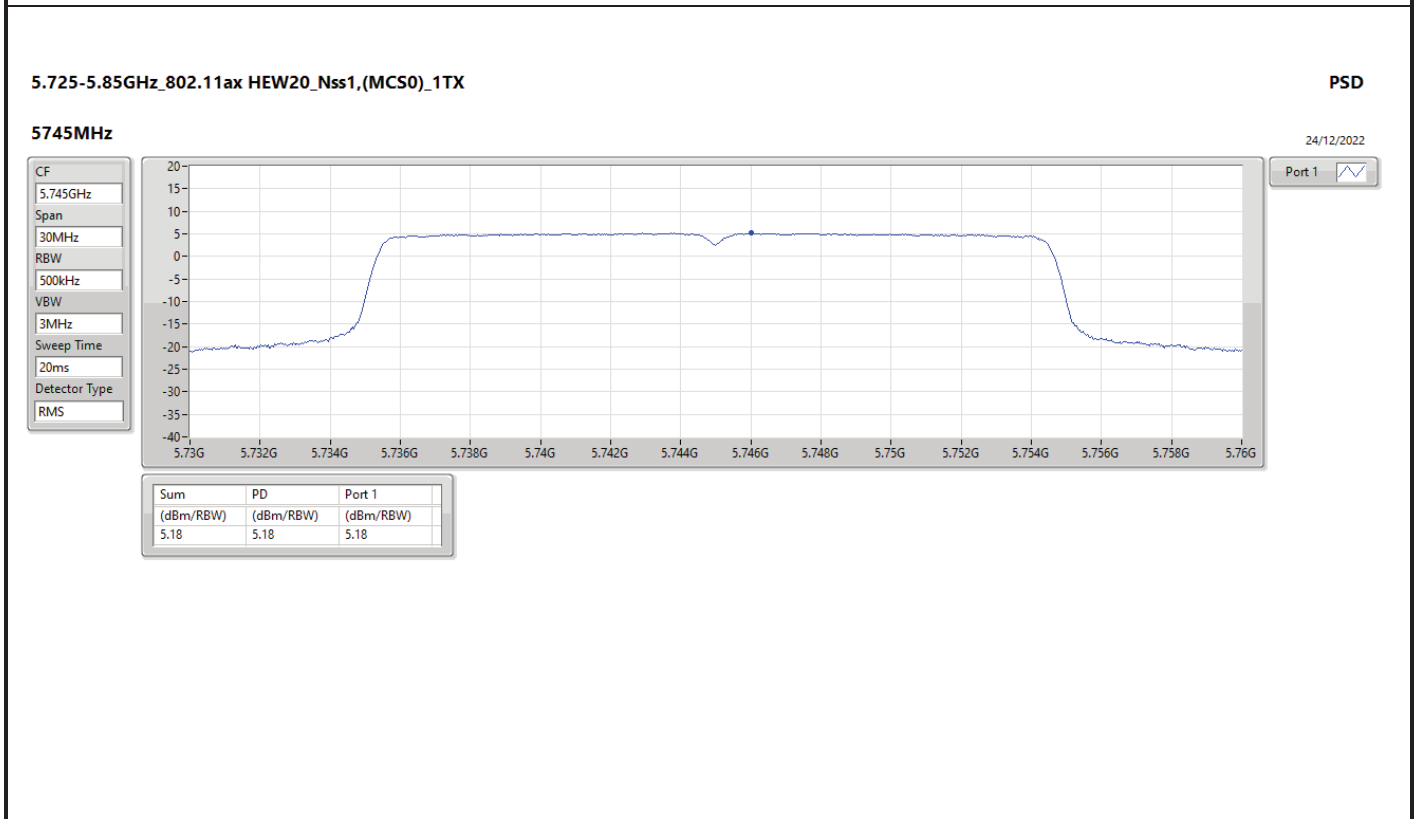
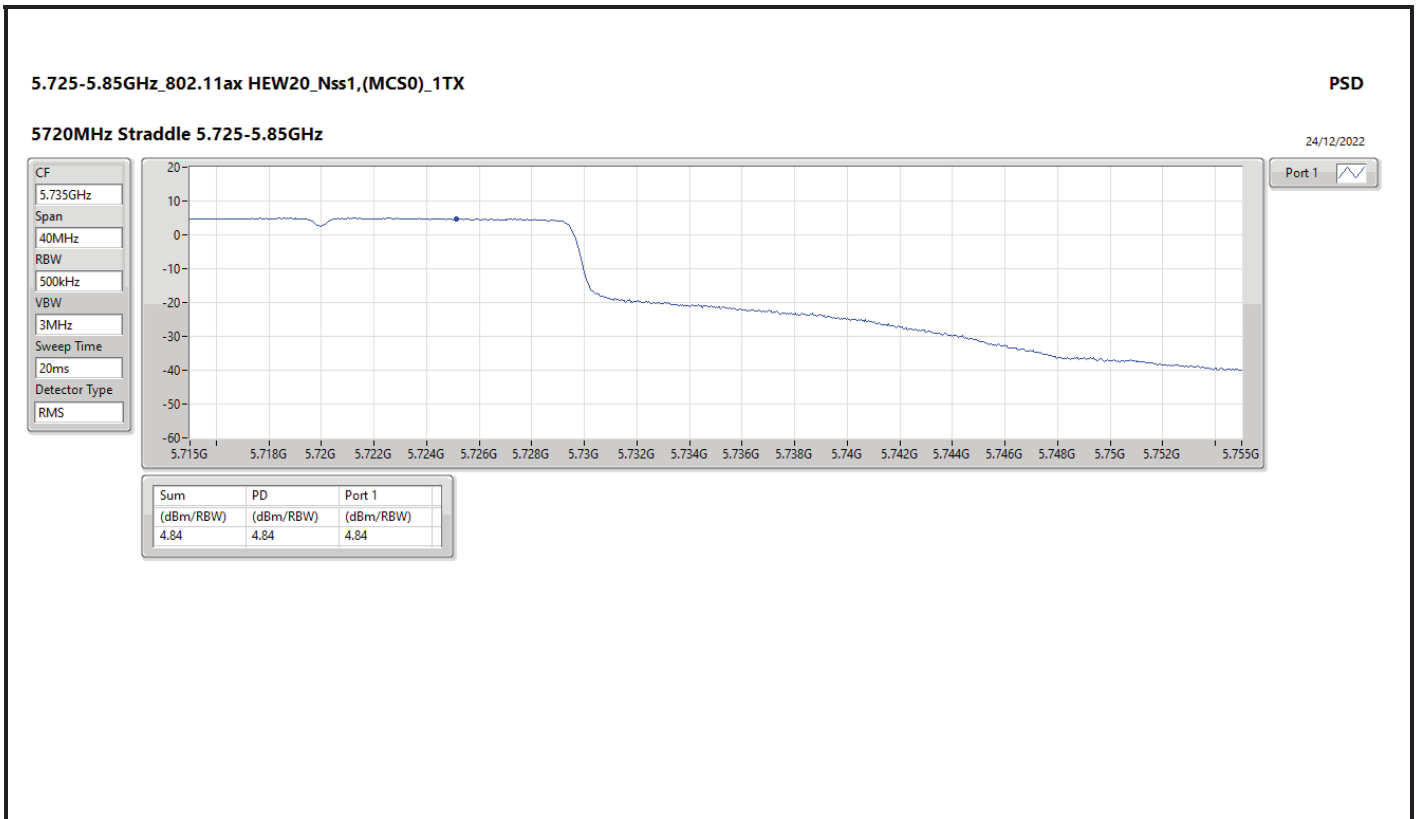


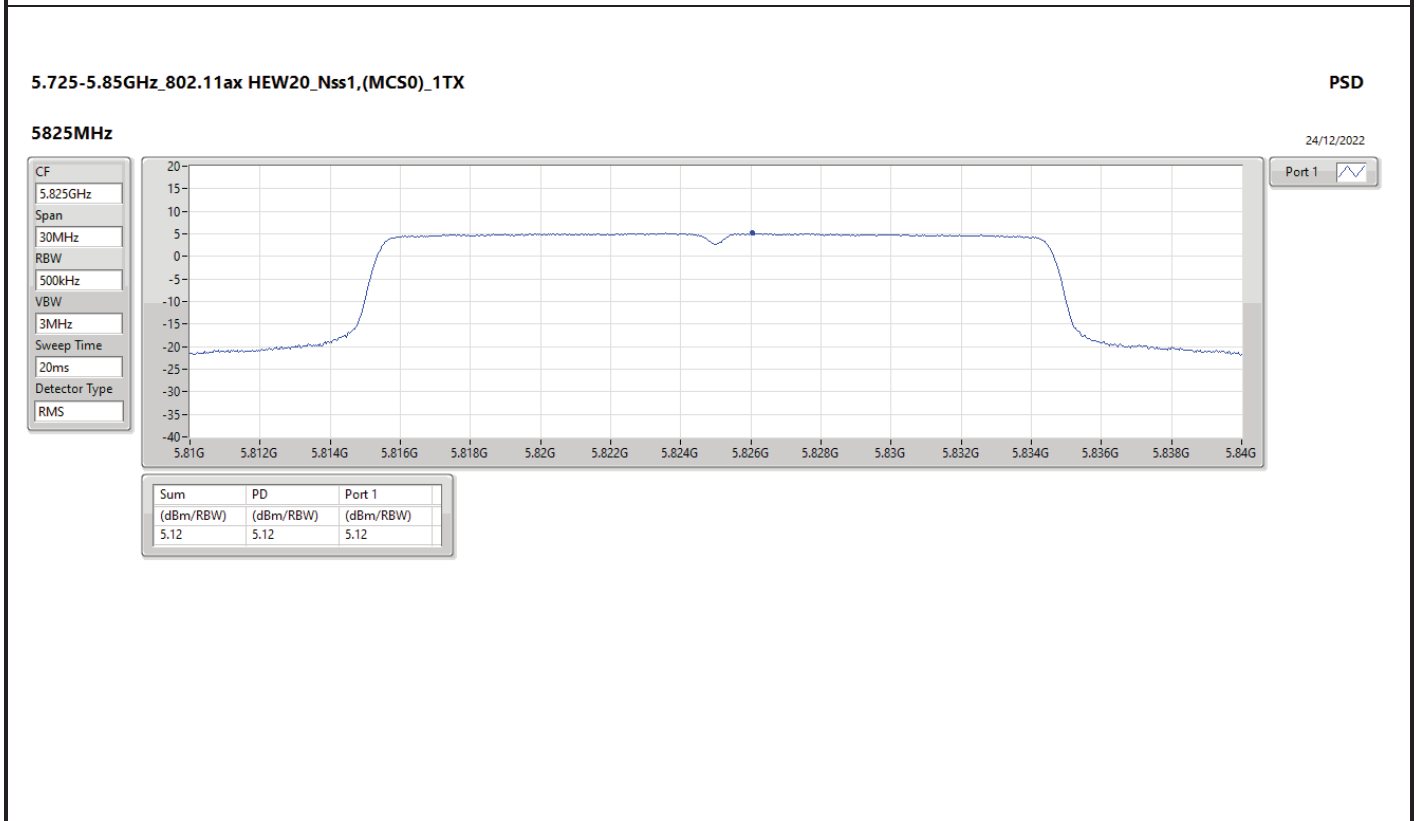
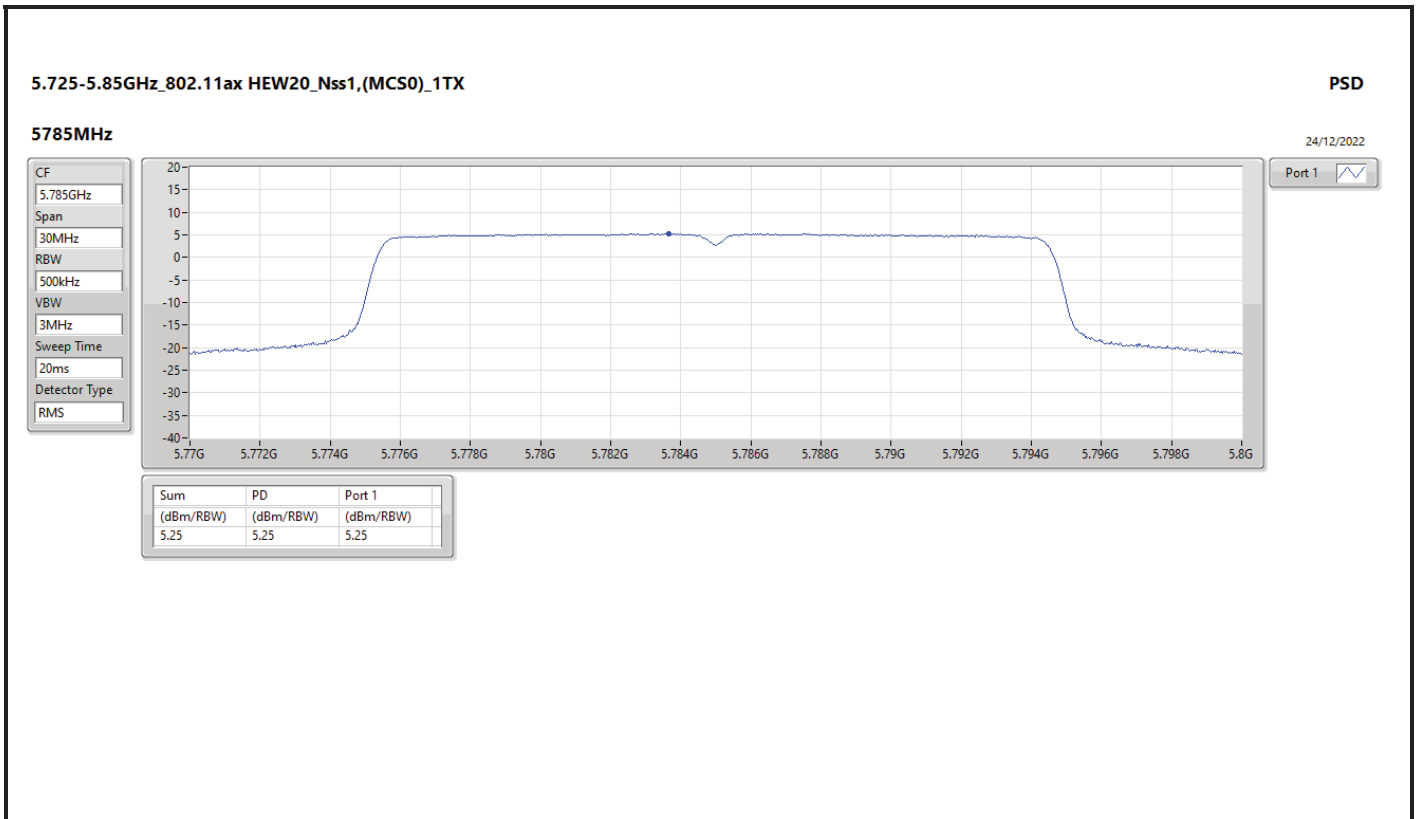


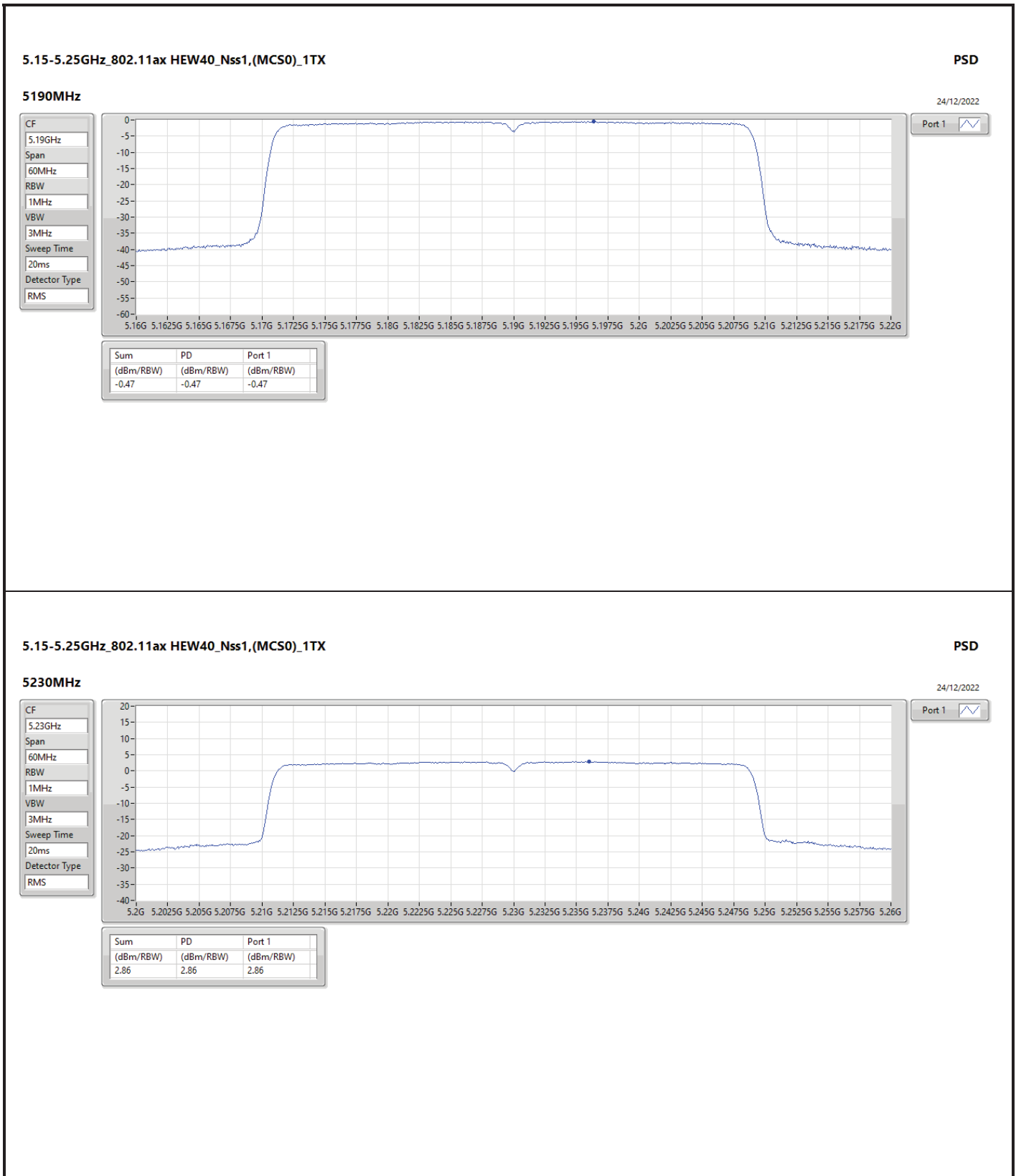


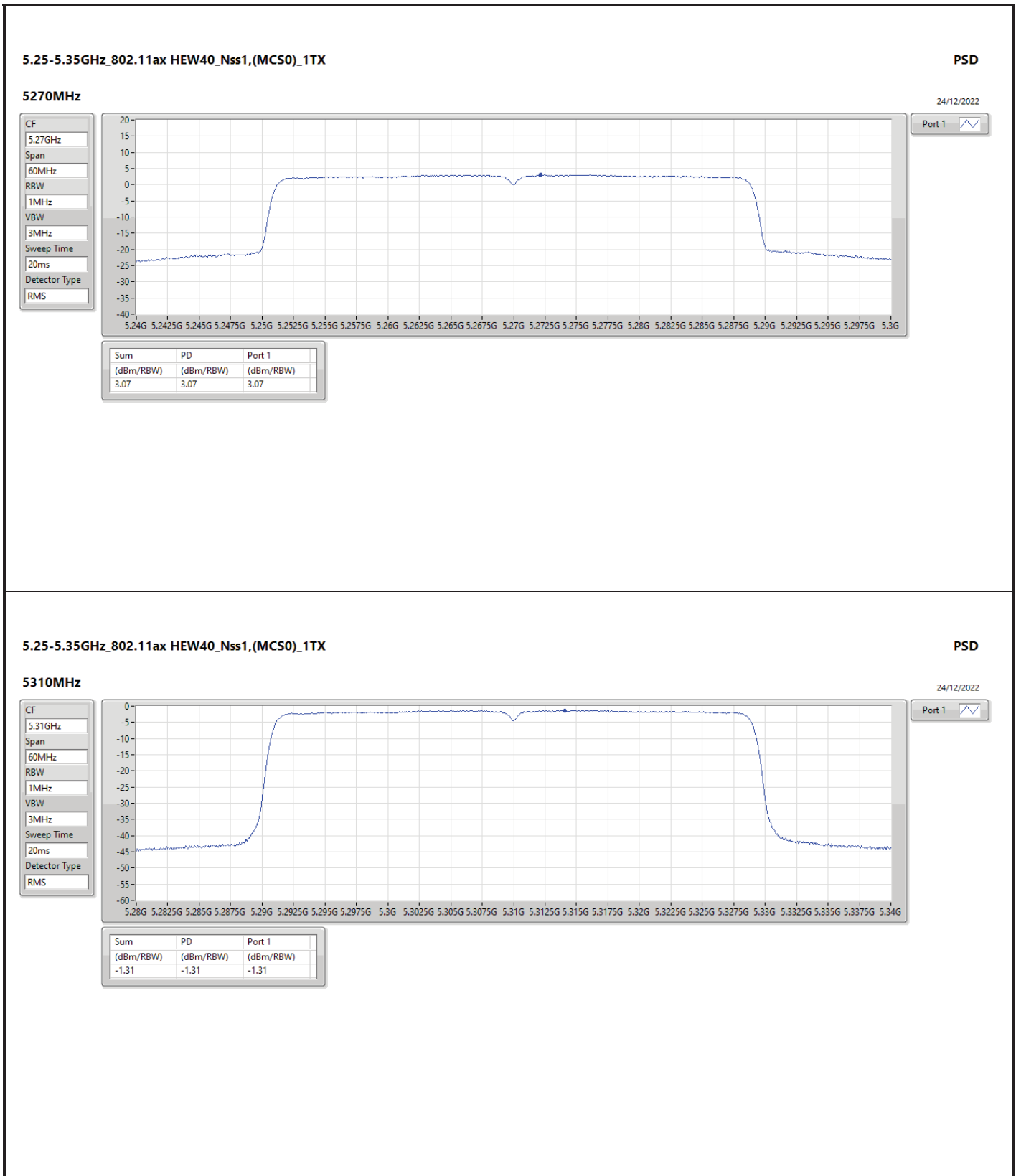


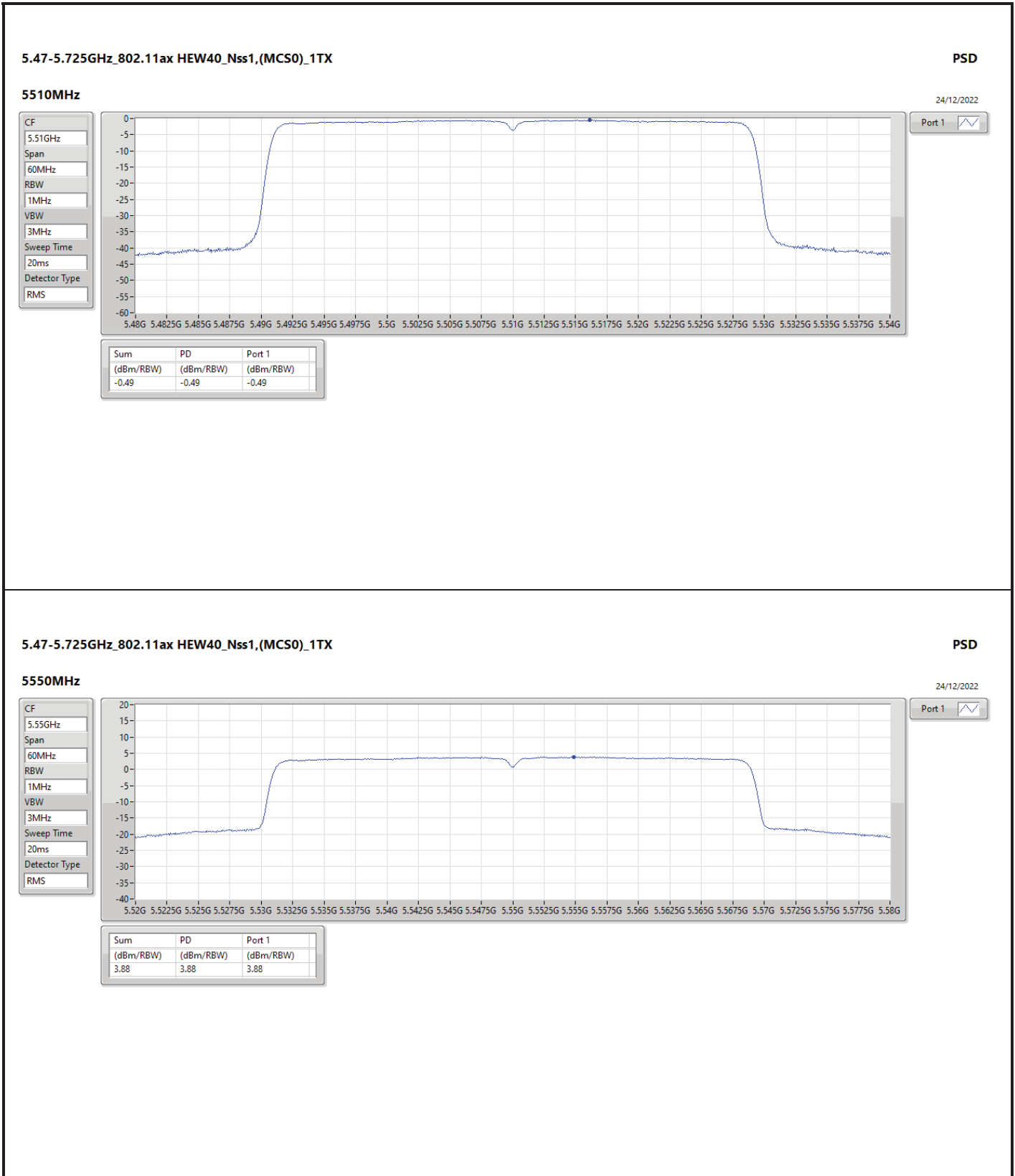


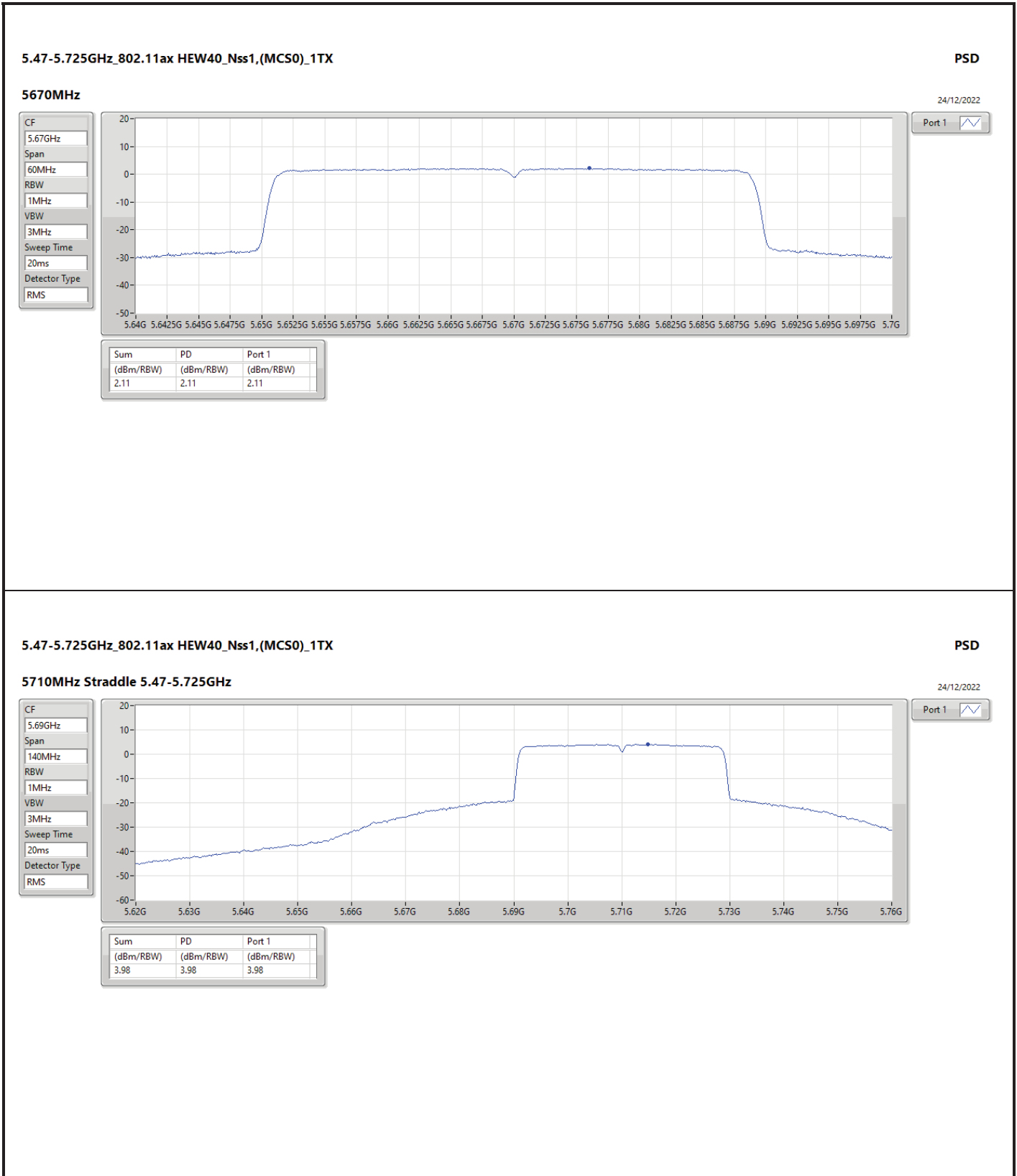


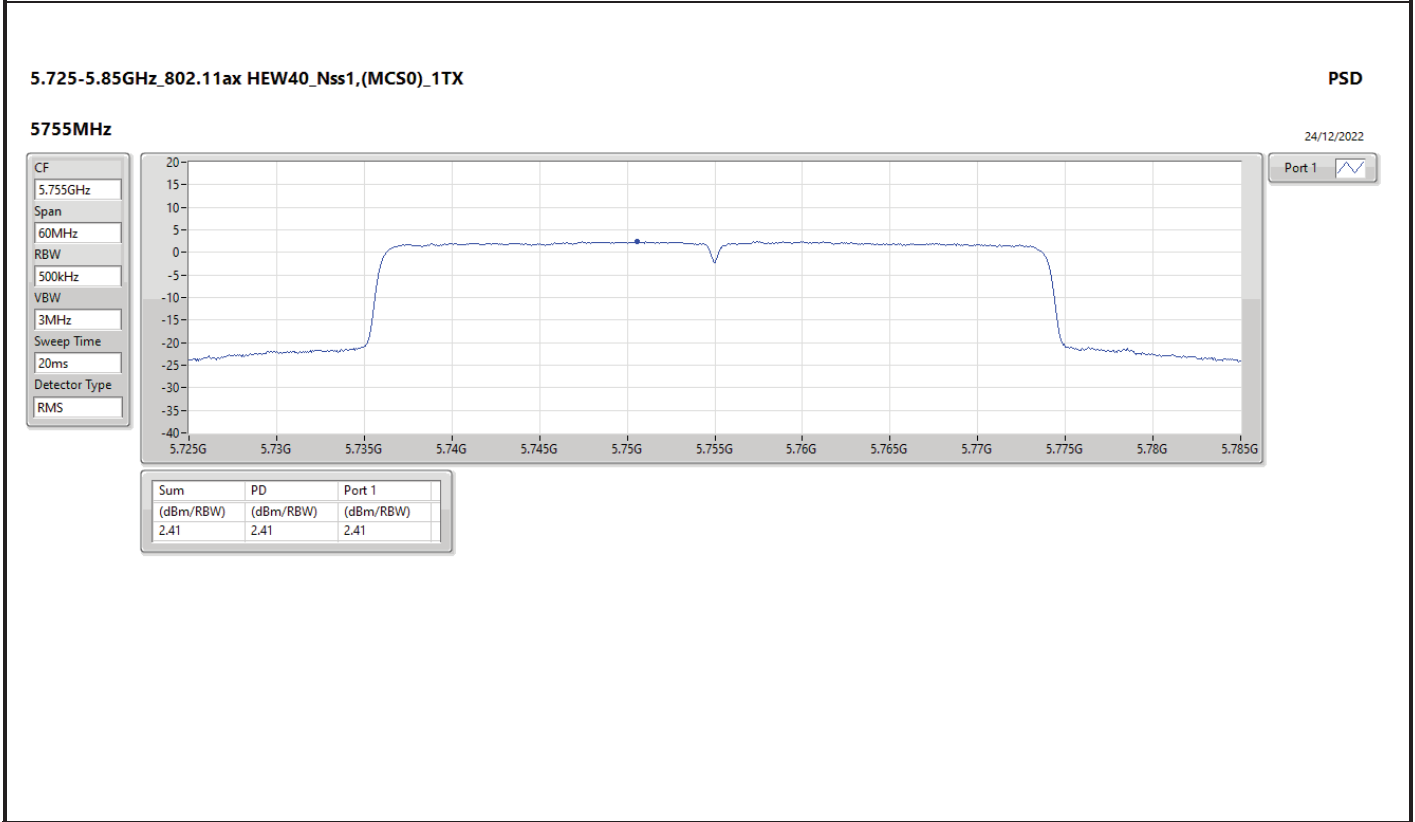
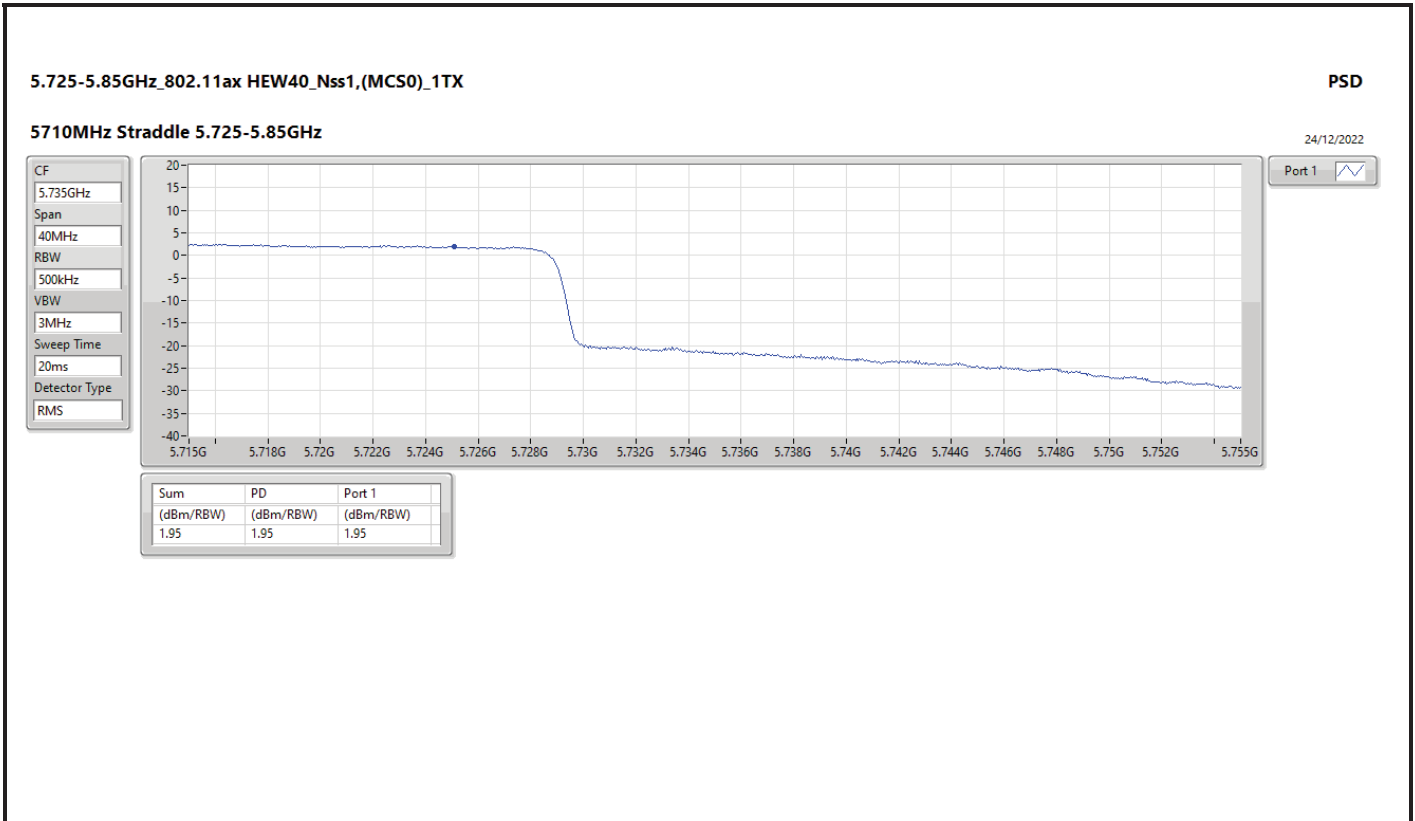


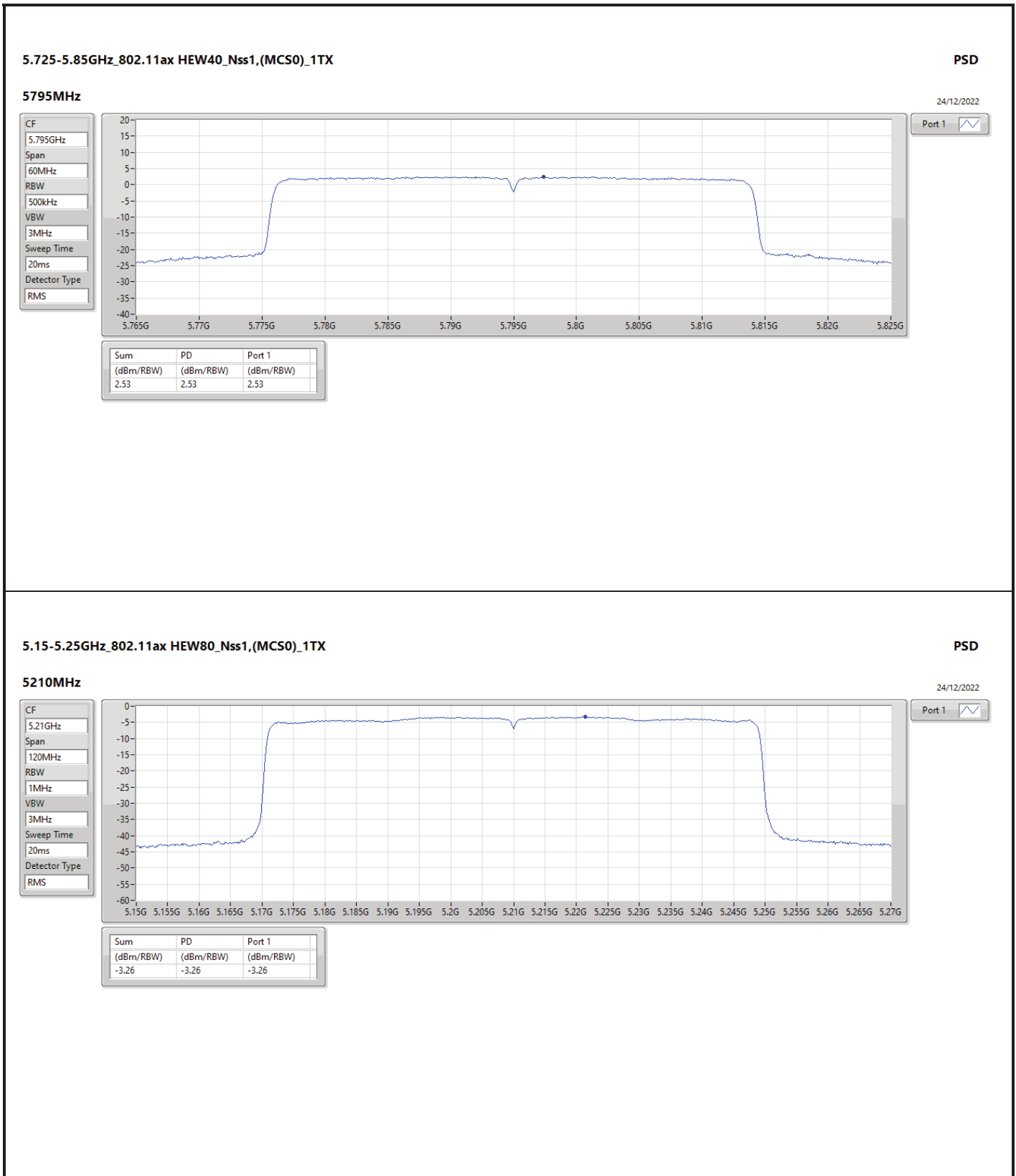


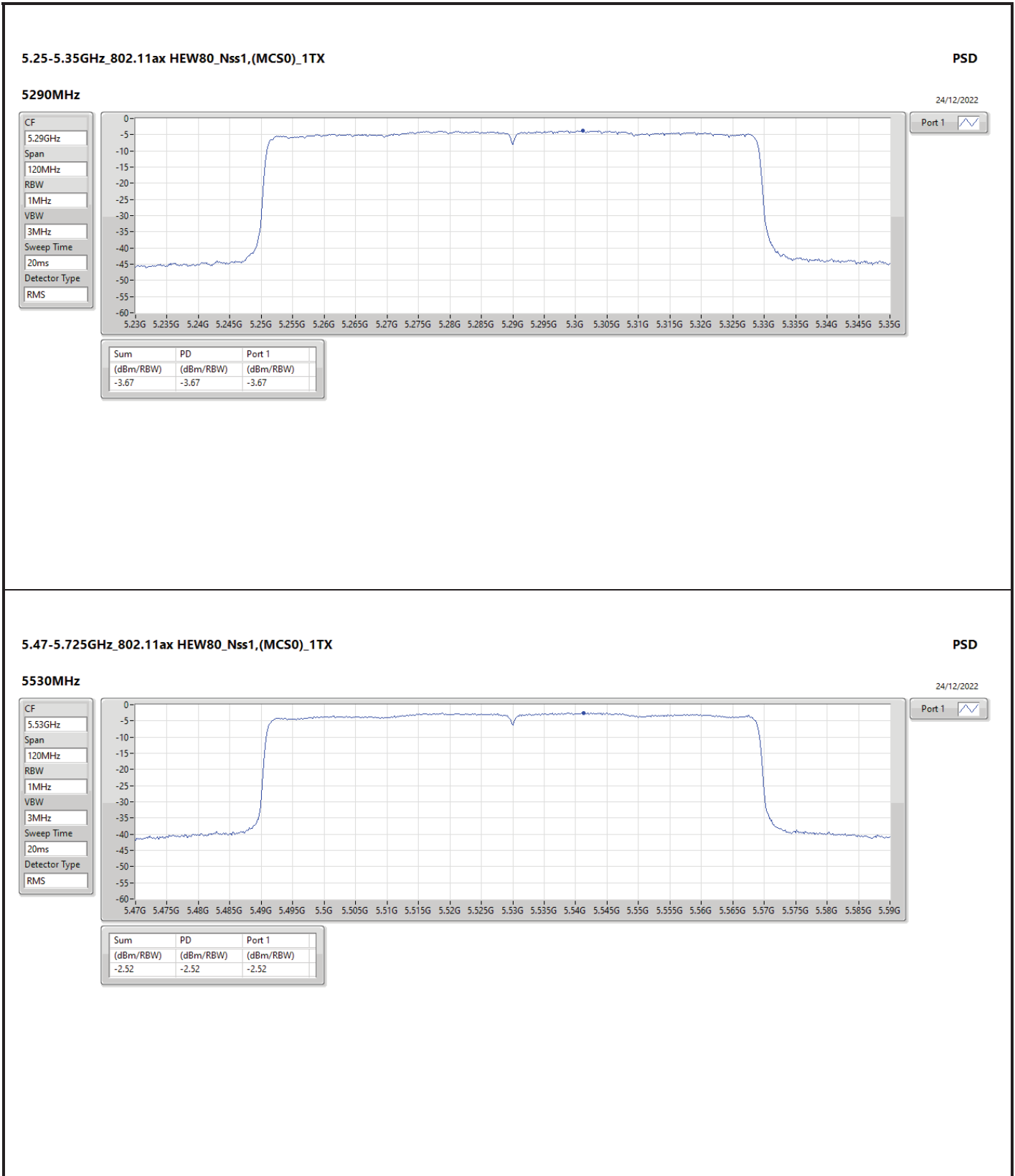


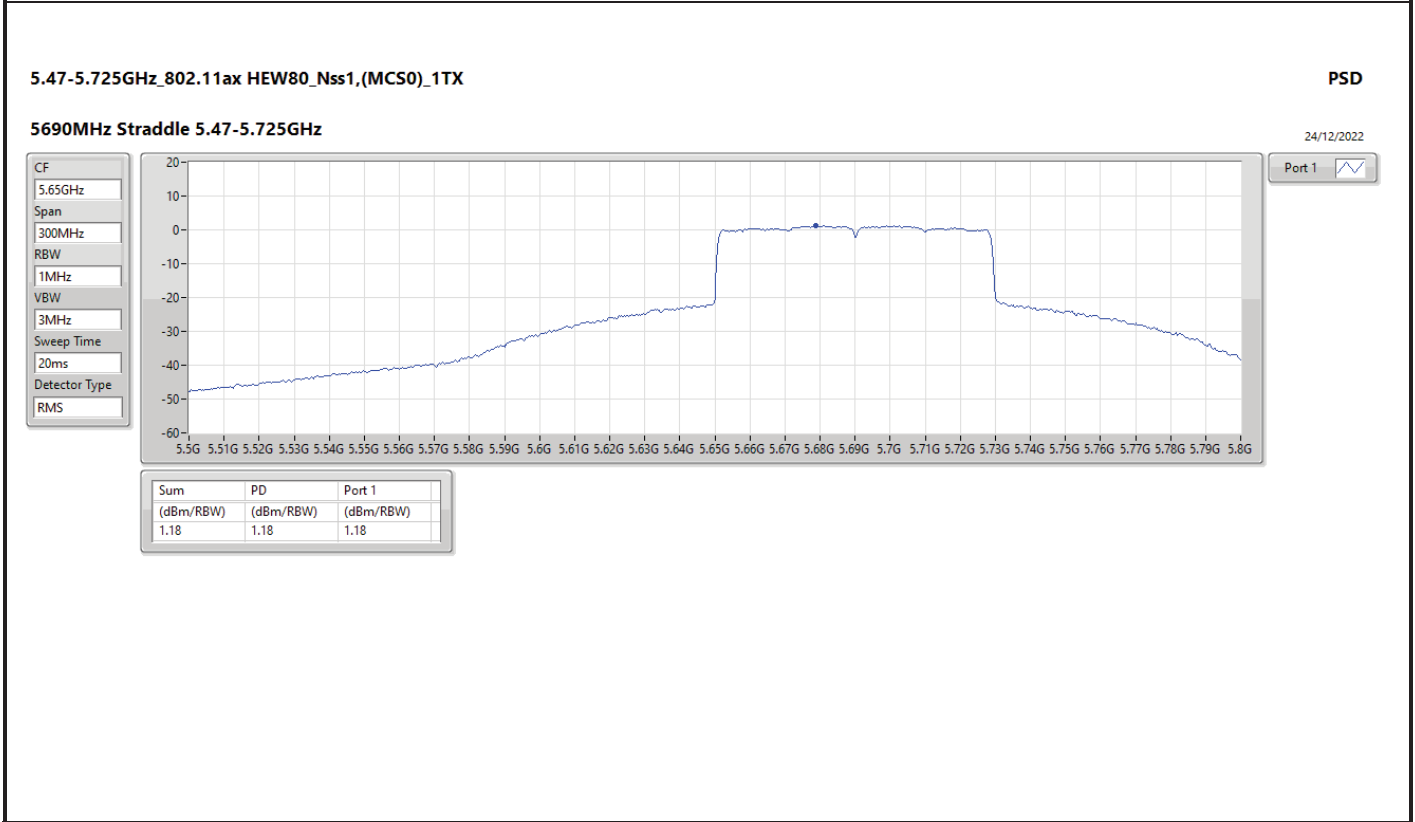
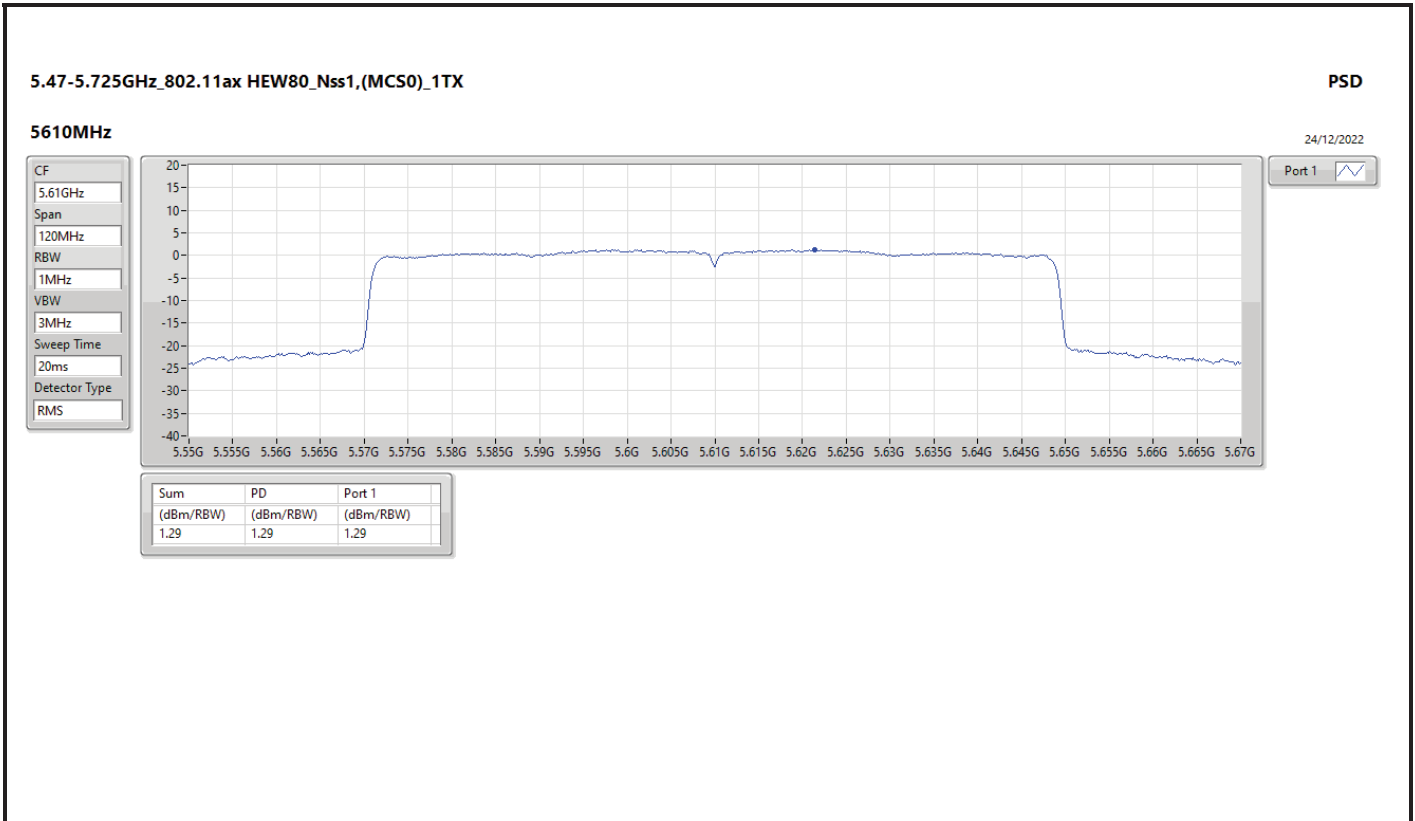


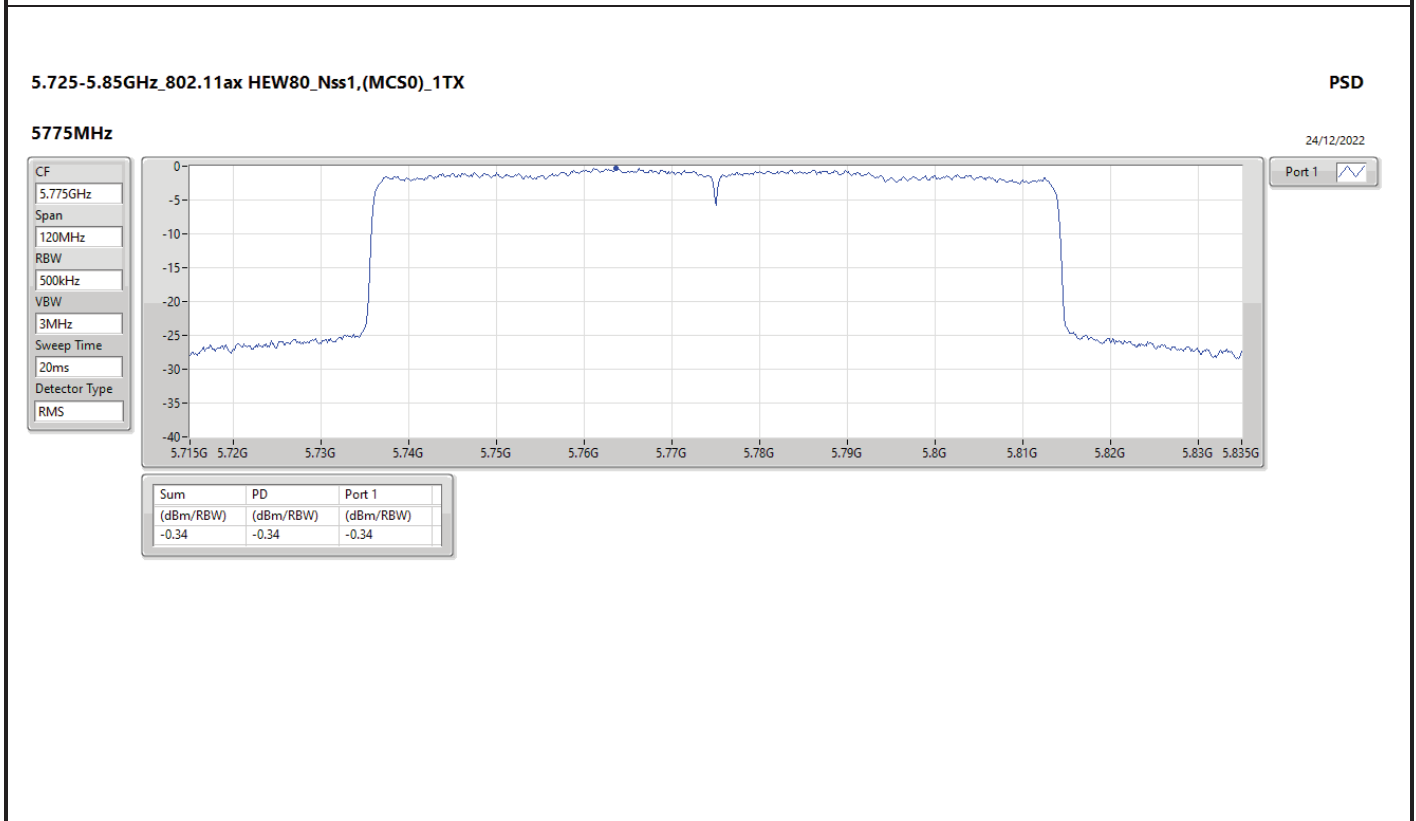
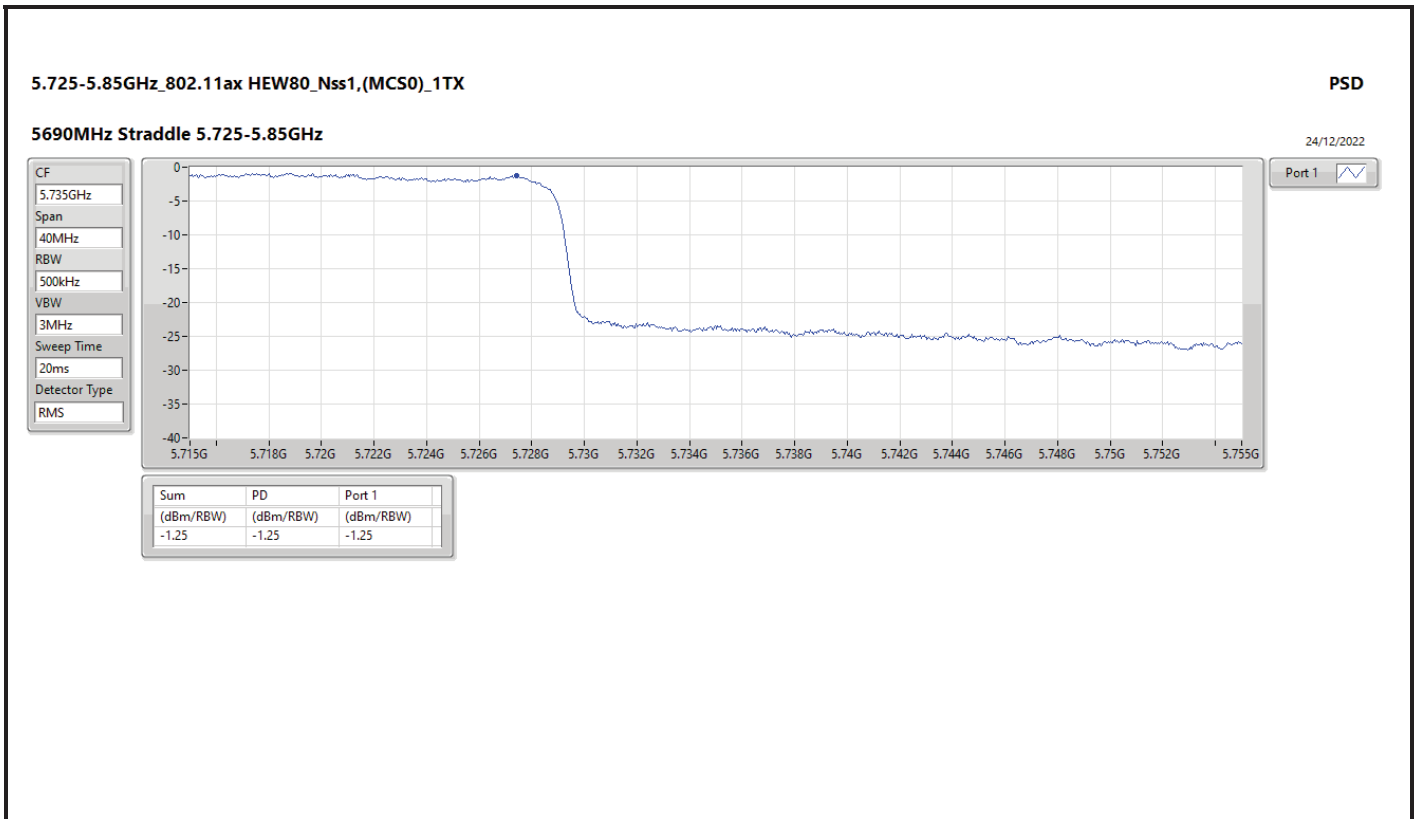














Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	241.46M	41.03	46.00	-4.97	3	Horizontal	360	1.00

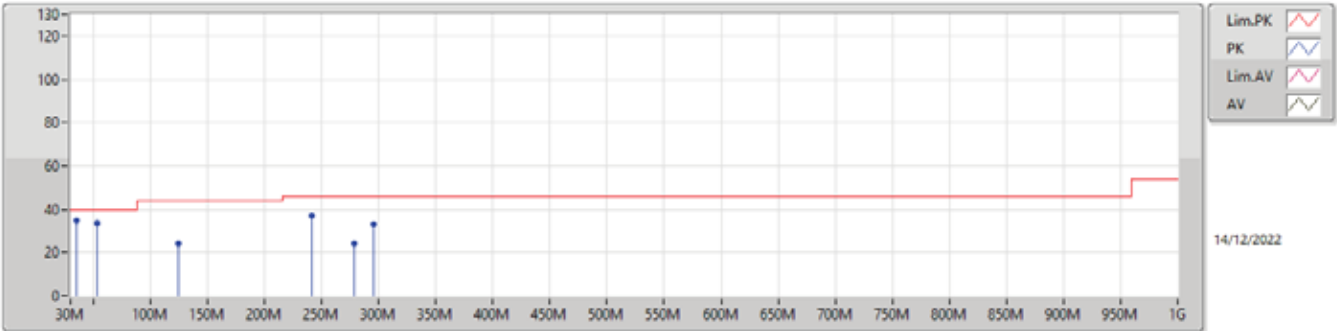


Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	35.82M	34.80	40.00	-5.20	3	Vertical	0	1.00
5775MHz	Pass	PK	53.28M	33.63	40.00	-6.37	3	Vertical	0	1.00
5775MHz	Pass	PK	125.06M	24.21	43.50	-19.29	3	Vertical	0	1.00
5775MHz	Pass	PK	241.46M	36.93	46.00	-9.07	3	Vertical	0	1.00
5775MHz	Pass	PK	278.32M	23.96	46.00	-22.04	3	Vertical	0	1.00
5775MHz	Pass	PK	295.78M	33.12	46.00	-12.88	3	Vertical	0	1.00
5775MHz	Pass	PK	47.46M	22.71	40.00	-17.29	3	Horizontal	360	1.00
5775MHz	Pass	PK	111.48M	28.18	43.50	-15.32	3	Horizontal	360	1.00
5775MHz	Pass	PK	125.06M	29.77	43.50	-13.73	3	Horizontal	360	1.00
5775MHz	Pass	PK	185.2M	31.21	43.50	-12.29	3	Horizontal	360	1.00
5775MHz	Pass	PK	241.46M	41.03	46.00	-4.97	3	Horizontal	360	1.00
5775MHz	Pass	PK	295.78M	30.82	46.00	-15.18	3	Horizontal	360	1.00

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

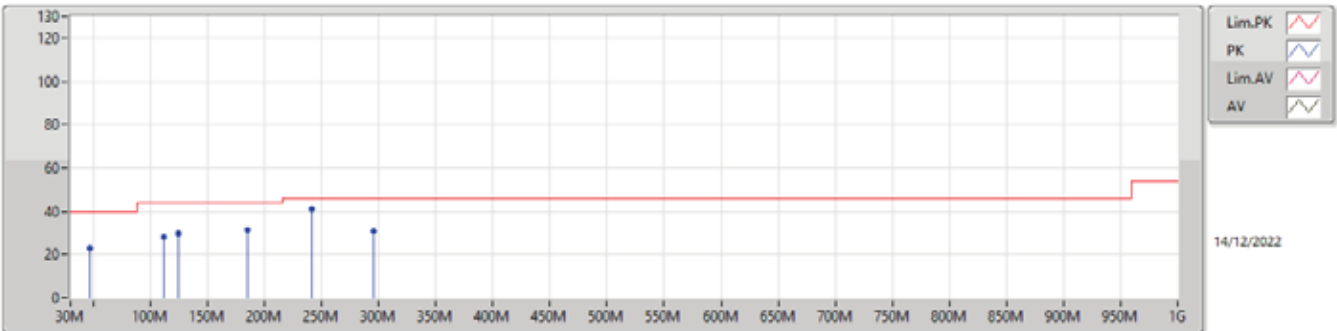
5775MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	35.82M	34.80	40.00	-5.20	-15.54	3	Vertical	0	1.00	50.34	20.82	0.77	37.13
PK	53.28M	33.63	40.00	-6.37	-24.31	3	Vertical	0	1.00	57.94	11.90	0.89	37.10
PK	125.06M	24.21	43.50	-19.29	-18.56	3	Vertical	0	1.00	42.77	16.83	1.19	36.58
PK	241.46M	36.93	46.00	-9.07	-17.99	3	Vertical	0	1.00	54.92	16.59	1.86	36.44
PK	278.32M	23.96	46.00	-22.04	-16.53	3	Vertical	0	1.00	40.49	17.91	2.00	36.44
PK	295.78M	33.12	46.00	-12.88	-16.03	3	Vertical	0	1.00	49.15	18.33	2.06	36.42

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

5775MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	47.46M	22.71	40.00	-17.29	-21.52	3	Horizontal	360	1.00	44.23	14.76	0.82	37.10
PK	111.48M	28.18	43.50	-15.32	-19.36	3	Horizontal	360	1.00	47.54	16.15	1.12	36.63
PK	125.06M	29.77	43.50	-13.73	-18.56	3	Horizontal	360	1.00	48.33	16.83	1.19	36.58
PK	185.2M	31.21	43.50	-12.29	-20.85	3	Horizontal	360	1.00	52.06	14.06	1.52	36.43
PK	241.46M	41.03	46.00	-4.97	-17.99	3	Horizontal	360	1.00	59.02	16.59	1.86	36.44
PK	295.78M	30.82	46.00	-15.18	-16.03	3	Horizontal	360	1.00	46.85	18.33	2.06	36.42



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.1494G	53.26	54.00	-0.74	3	Horizontal	34	2.53
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	5.148G	53.42	54.00	-0.58	3	Horizontal	53	2.26
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.1468G	53.76	54.00	-0.24	3	Horizontal	37	2.44
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.148G	53.54	54.00	-0.46	3	Horizontal	54	2.36
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.3964G	52.60	54.00	-1.40	3	Horizontal	38	2.36
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	5.3502G	53.31	54.00	-0.69	3	Horizontal	35	1.98
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.35G	53.66	54.00	-0.34	3	Horizontal	302	1.81
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.352G	53.46	54.00	-0.54	3	Horizontal	302	1.72
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.4696G	67.85	68.20	-0.35	3	Horizontal	324	1.45
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	5.7252G	67.76	68.20	-0.44	3	Horizontal	335	1.74
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	5.7252G	67.80	68.20	-0.40	3	Horizontal	337	1.66
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.46G	53.57	54.00	-0.43	3	Horizontal	331	1.64
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.637G	59.78	68.20	-8.42	3	Vertical	34	3.00
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	5.6502G	60.20	68.35	-8.15	3	Horizontal	319	1.29
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	5.6398G	59.91	68.20	-8.29	3	Horizontal	318	1.03
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.1072G	48.83	54.00	-5.17	3	Horizontal	331	2.48



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.148G	50.85	54.00	-3.15	3	Vertical	340	2.98
5180MHz	Pass	AV	5.1774G	105.04	Inf	-Inf	3	Vertical	340	2.98
5180MHz	Pass	PK	5.1478G	65.74	74.00	-8.26	3	Vertical	340	2.98
5180MHz	Pass	PK	5.1774G	112.36	Inf	-Inf	3	Vertical	340	2.98
5180MHz	Pass	AV	5.1494G	53.26	54.00	-0.74	3	Horizontal	34	2.53
5180MHz	Pass	AV	5.1838G	107.43	Inf	-Inf	3	Horizontal	34	2.53
5180MHz	Pass	PK	5.1494G	72.13	74.00	-1.87	3	Horizontal	34	2.53
5180MHz	Pass	PK	5.1836G	114.63	Inf	-Inf	3	Horizontal	34	2.53
5180MHz	Pass	AV	15.5484G	43.71	54.00	-10.29	3	Vertical	158	1.38
5180MHz	Pass	PK	10.35226G	54.03	68.20	-14.17	3	Vertical	243	1.50
5180MHz	Pass	PK	15.54552G	55.18	74.00	-18.82	3	Vertical	158	1.38
5180MHz	Pass	AV	15.53376G	43.75	54.00	-10.25	3	Horizontal	324	1.56
5180MHz	Pass	PK	10.35802G	53.16	68.20	-15.04	3	Horizontal	81	2.05
5180MHz	Pass	PK	15.54636G	55.35	74.00	-18.65	3	Horizontal	324	1.56
5200MHz	Pass	AV	5.1076G	48.70	54.00	-5.30	3	Vertical	340	3.00
5200MHz	Pass	AV	5.1972G	105.92	Inf	-Inf	3	Vertical	340	3.00
5200MHz	Pass	PK	5.1416G	59.23	74.00	-14.77	3	Vertical	340	3.00
5200MHz	Pass	PK	5.1968G	112.78	Inf	-Inf	3	Vertical	340	3.00
5200MHz	Pass	AV	5.1072G	48.83	54.00	-5.17	3	Horizontal	331	2.48
5200MHz	Pass	AV	5.1972G	106.58	Inf	-Inf	3	Horizontal	331	2.48
5200MHz	Pass	PK	5.1424G	59.90	74.00	-14.10	3	Horizontal	331	2.48
5200MHz	Pass	PK	5.1972G	113.34	Inf	-Inf	3	Horizontal	331	2.48
5200MHz	Pass	AV	15.60534G	43.53	54.00	-10.47	3	Vertical	280	1.50
5200MHz	Pass	PK	10.39142G	53.43	68.20	-14.77	3	Vertical	302	1.50
5200MHz	Pass	PK	15.59586G	54.52	74.00	-19.48	3	Vertical	280	1.50
5200MHz	Pass	AV	15.58746G	43.68	54.00	-10.32	3	Horizontal	124	3.00
5200MHz	Pass	PK	10.3901G	53.33	68.20	-14.87	3	Horizontal	119	1.50
5200MHz	Pass	PK	15.59766G	55.39	74.00	-18.61	3	Horizontal	124	3.00
5240MHz	Pass	AV	5.1428G	49.15	54.00	-4.85	3	Vertical	338	2.83
5240MHz	Pass	AV	5.2424G	104.43	Inf	-Inf	3	Vertical	338	2.83
5240MHz	Pass	AV	5.3732G	46.11	54.00	-7.89	3	Vertical	338	2.83
5240MHz	Pass	PK	5.1428G	59.18	74.00	-14.82	3	Vertical	338	2.83
5240MHz	Pass	PK	5.2424G	111.33	Inf	-Inf	3	Vertical	338	2.83
5240MHz	Pass	PK	5.3594G	56.81	74.00	-17.19	3	Vertical	338	2.83
5240MHz	Pass	AV	5.1434G	50.51	54.00	-3.49	3	Horizontal	36	2.60
5240MHz	Pass	AV	5.2382G	107.19	Inf	-Inf	3	Horizontal	36	2.60
5240MHz	Pass	AV	5.3834G	48.13	54.00	-5.87	3	Horizontal	36	2.60
5240MHz	Pass	PK	5.138G	60.17	74.00	-13.83	3	Horizontal	36	2.60
5240MHz	Pass	PK	5.2436G	114.95	Inf	-Inf	3	Horizontal	36	2.60
5240MHz	Pass	PK	5.372G	58.76	74.00	-15.24	3	Horizontal	36	2.60
5240MHz	Pass	AV	15.71322G	44.05	54.00	-9.95	3	Vertical	0	1.50
5240MHz	Pass	PK	10.48912G	53.62	68.20	-14.58	3	Vertical	25	1.50
5240MHz	Pass	PK	15.73104G	55.10	74.00	-18.90	3	Vertical	0	1.50
5240MHz	Pass	AV	15.70626G	44.07	54.00	-9.93	3	Horizontal	7	1.77
5240MHz	Pass	PK	10.47388G	53.35	68.20	-14.85	3	Horizontal	354	1.94
5240MHz	Pass	PK	15.72642G	54.84	74.00	-19.16	3	Horizontal	7	1.77
5260MHz	Pass	AV	5.1472G	47.65	54.00	-6.35	3	Vertical	338	2.89
5260MHz	Pass	AV	5.2576G	104.99	Inf	-Inf	3	Vertical	338	2.89
5260MHz	Pass	AV	5.3626G	49.30	54.00	-4.70	3	Vertical	338	2.89
5260MHz	Pass	PK	5.1274G	58.35	74.00	-15.65	3	Vertical	338	2.89
5260MHz	Pass	PK	5.2624G	111.90	Inf	-Inf	3	Vertical	338	2.89
5260MHz	Pass	PK	5.3566G	59.07	74.00	-14.93	3	Vertical	338	2.89
5260MHz	Pass	AV	5.143G	47.48	54.00	-6.52	3	Horizontal	306	1.74
5260MHz	Pass	AV	5.2642G	106.69	Inf	-Inf	3	Horizontal	306	1.74
5260MHz	Pass	AV	5.359G	51.71	54.00	-2.29	3	Horizontal	306	1.74
5260MHz	Pass	PK	5.1364G	58.75	74.00	-15.25	3	Horizontal	306	1.74
5260MHz	Pass	PK	5.2642G	113.49	Inf	-Inf	3	Horizontal	306	1.74
5260MHz	Pass	PK	5.3584G	60.72	74.00	-13.28	3	Horizontal	306	1.74
5260MHz	Pass	AV	15.76668G	43.93	54.00	-10.07	3	Vertical	235	1.50
5260MHz	Pass	PK	10.52564G	53.36	68.20	-14.84	3	Vertical	360	1.50



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5260MHz	Pass	PK	15.78432G	54.76	74.00	-19.24	3	Vertical	235	1.50
5260MHz	Pass	AV	15.7677G	44.06	54.00	-9.94	3	Horizontal	360	1.50
5260MHz	Pass	PK	10.52186G	53.71	68.20	-14.49	3	Horizontal	107	1.00
5260MHz	Pass	PK	15.79074G	54.62	74.00	-19.38	3	Horizontal	360	1.50
5300MHz	Pass	AV	5.3016G	101.20	Inf	-Inf	3	Vertical	48	1.83
5300MHz	Pass	AV	5.396G	48.93	54.00	-5.07	3	Vertical	48	1.83
5300MHz	Pass	PK	5.3016G	108.93	Inf	-Inf	3	Vertical	48	1.83
5300MHz	Pass	PK	5.396G	58.47	74.00	-15.53	3	Vertical	48	1.83
5300MHz	Pass	AV	5.3024G	107.92	Inf	-Inf	3	Horizontal	38	2.36
5300MHz	Pass	AV	5.3964G	52.60	54.00	-1.40	3	Horizontal	38	2.36
5300MHz	Pass	PK	5.2976G	115.23	Inf	-Inf	3	Horizontal	38	2.36
5300MHz	Pass	PK	5.3972G	61.79	74.00	-12.21	3	Horizontal	38	2.36
5300MHz	Pass	AV	15.9069G	43.50	54.00	-10.50	3	Vertical	64	1.50
5300MHz	Pass	PK	10.61182G	53.45	74.00	-20.55	3	Vertical	176	1.53
5300MHz	Pass	PK	15.88704G	54.79	74.00	-19.21	3	Vertical	64	1.50
5300MHz	Pass	AV	15.89898G	43.46	54.00	-10.54	3	Horizontal	258	1.50
5300MHz	Pass	PK	10.59886G	53.22	68.20	-14.98	3	Horizontal	0	2.52
5300MHz	Pass	PK	15.9012G	54.11	74.00	-19.89	3	Horizontal	258	1.50
5320MHz	Pass	AV	5.321G	101.60	Inf	-Inf	3	Vertical	48	1.69
5320MHz	Pass	AV	5.3504G	49.93	54.00	-4.07	3	Vertical	48	1.69
5320MHz	Pass	PK	5.3216G	109.27	Inf	-Inf	3	Vertical	48	1.69
5320MHz	Pass	PK	5.3502G	65.48	74.00	-8.52	3	Vertical	48	1.69
5320MHz	Pass	AV	5.3242G	106.48	Inf	-Inf	3	Horizontal	306	1.84
5320MHz	Pass	AV	5.35G	51.80	54.00	-2.20	3	Horizontal	306	1.84
5320MHz	Pass	PK	5.3244G	113.49	Inf	-Inf	3	Horizontal	306	1.84
5320MHz	Pass	PK	5.3502G	65.94	74.00	-8.06	3	Horizontal	306	1.84
5320MHz	Pass	AV	10.6505G	42.24	54.00	-11.76	3	Vertical	127	1.50
5320MHz	Pass	AV	15.96168G	43.33	54.00	-10.67	3	Vertical	344	2.70
5320MHz	Pass	PK	10.631G	53.04	74.00	-20.96	3	Vertical	127	1.50
5320MHz	Pass	PK	15.969G	53.95	74.00	-20.05	3	Vertical	344	2.70
5320MHz	Pass	AV	10.63184G	42.47	54.00	-11.53	3	Horizontal	11	1.94
5320MHz	Pass	AV	15.9615G	43.34	54.00	-10.66	3	Horizontal	97	2.36
5320MHz	Pass	PK	10.64234G	53.10	74.00	-20.90	3	Horizontal	11	1.94
5320MHz	Pass	PK	15.9462G	54.02	74.00	-19.98	3	Horizontal	97	2.36
5500MHz	Pass	AV	5.4576G	47.03	54.00	-6.97	3	Vertical	34	3.00
5500MHz	Pass	AV	5.5026G	104.32	Inf	-Inf	3	Vertical	34	3.00
5500MHz	Pass	PK	5.468G	67.08	68.20	-1.12	3	Vertical	34	3.00
5500MHz	Pass	PK	5.5074G	111.53	Inf	-Inf	3	Vertical	34	3.00
5500MHz	Pass	AV	5.4596G	47.50	54.00	-6.50	3	Horizontal	324	1.45
5500MHz	Pass	AV	5.505G	104.96	Inf	-Inf	3	Horizontal	324	1.45
5500MHz	Pass	PK	5.4696G	67.85	68.20	-0.35	3	Horizontal	324	1.45
5500MHz	Pass	PK	5.505G	113.11	Inf	-Inf	3	Horizontal	324	1.45
5500MHz	Pass	AV	11.00132G	42.63	54.00	-11.37	3	Vertical	342	1.50
5500MHz	Pass	PK	11.00354G	54.46	74.00	-19.54	3	Vertical	342	1.50
5500MHz	Pass	PK	16.51218G	56.22	68.20	-11.98	3	Vertical	106	1.50
5500MHz	Pass	AV	10.9898G	42.68	54.00	-11.32	3	Horizontal	283	2.66
5500MHz	Pass	PK	11.00324G	53.46	74.00	-20.54	3	Horizontal	283	2.66
5500MHz	Pass	PK	16.48602G	56.33	68.20	-11.87	3	Horizontal	201	1.50
5580MHz	Pass	AV	5.457G	45.89	54.00	-8.11	3	Vertical	33	2.58
5580MHz	Pass	AV	5.5812G	103.41	Inf	-Inf	3	Vertical	33	2.58
5580MHz	Pass	PK	5.4672G	56.06	68.20	-12.14	3	Vertical	33	2.58
5580MHz	Pass	PK	5.5764G	110.70	Inf	-Inf	3	Vertical	33	2.58
5580MHz	Pass	PK	5.7264G	57.23	68.20	-10.97	3	Vertical	33	2.58
5580MHz	Pass	AV	5.4534G	46.15	54.00	-7.85	3	Horizontal	334	1.76
5580MHz	Pass	AV	5.5842G	106.39	Inf	-Inf	3	Horizontal	334	1.76
5580MHz	Pass	PK	5.469G	57.78	68.20	-10.42	3	Horizontal	334	1.76
5580MHz	Pass	PK	5.5848G	112.91	Inf	-Inf	3	Horizontal	334	1.76
5580MHz	Pass	PK	5.7288G	59.72	68.20	-8.48	3	Horizontal	334	1.76
5580MHz	Pass	AV	11.1642G	42.73	54.00	-11.27	3	Vertical	32	1.50
5580MHz	Pass	PK	11.17056G	53.21	74.00	-20.79	3	Vertical	32	1.50
5580MHz	Pass	PK	16.74474G	55.81	68.20	-12.39	3	Vertical	214	3.00
5580MHz	Pass	AV	11.16474G	42.59	54.00	-11.41	3	Horizontal	329	2.09



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5580MHz	Pass	PK	11.14674G	54.27	74.00	-19.73	3	Horizontal	329	2.09
5580MHz	Pass	PK	16.73364G	55.85	68.20	-12.35	3	Horizontal	210	1.50
5700MHz	Pass	AV	5.6972G	103.56	Inf	-Inf	3	Vertical	36	2.93
5700MHz	Pass	PK	5.6964G	110.94	Inf	-Inf	3	Vertical	36	2.93
5700MHz	Pass	PK	5.7272G	64.62	68.20	-3.58	3	Vertical	36	2.93
5700MHz	Pass	AV	5.6952G	103.80	Inf	-Inf	3	Horizontal	332	1.73
5700MHz	Pass	PK	5.6952G	110.86	Inf	-Inf	3	Horizontal	332	1.73
5700MHz	Pass	PK	5.73G	66.63	68.20	-1.57	3	Horizontal	332	1.73
5700MHz	Pass	AV	11.40876G	42.28	54.00	-11.72	3	Vertical	111	3.00
5700MHz	Pass	PK	11.38794G	54.00	74.00	-20.00	3	Vertical	111	3.00
5700MHz	Pass	PK	17.09952G	56.63	68.20	-11.57	3	Vertical	356	1.50
5700MHz	Pass	AV	11.41248G	42.38	54.00	-11.62	3	Horizontal	64	2.81
5700MHz	Pass	PK	11.41008G	53.39	74.00	-20.61	3	Horizontal	64	2.81
5700MHz	Pass	PK	17.08596G	56.78	68.20	-11.42	3	Horizontal	214	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4344G	45.75	54.00	-8.25	3	Vertical	38	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.726G	105.24	Inf	-Inf	3	Vertical	38	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	55.98	68.20	-12.22	3	Vertical	38	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7164G	112.56	Inf	-Inf	3	Vertical	38	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.858G	58.90	68.20	-9.30	3	Vertical	38	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.456G	45.96	54.00	-8.04	3	Horizontal	316	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7152G	106.69	Inf	-Inf	3	Horizontal	316	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	55.95	68.20	-12.25	3	Horizontal	316	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7248G	114.48	Inf	-Inf	3	Horizontal	316	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9852G	58.72	68.20	-9.48	3	Horizontal	316	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43394G	42.48	54.00	-11.52	3	Vertical	306	2.07
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44204G	54.82	74.00	-19.18	3	Vertical	306	2.07
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.1708G	56.76	68.20	-11.44	3	Vertical	116	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44216G	42.80	54.00	-11.20	3	Horizontal	8	2.45
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44156G	53.68	74.00	-20.32	3	Horizontal	8	2.45
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15634G	57.06	68.20	-11.14	3	Horizontal	44	1.50
5745MHz	Pass	AV	5.7426G	105.31	Inf	-Inf	3	Vertical	34	3.00
5745MHz	Pass	PK	5.637G	59.78	68.20	-8.42	3	Vertical	34	3.00
5745MHz	Pass	PK	5.7462G	112.57	Inf	-Inf	3	Vertical	34	3.00
5745MHz	Pass	PK	6.0378G	58.39	68.20	-9.81	3	Vertical	34	3.00
5745MHz	Pass	AV	5.7402G	106.22	Inf	-Inf	3	Horizontal	317	1.00
5745MHz	Pass	PK	5.6442G	59.69	68.20	-8.51	3	Horizontal	317	1.00
5745MHz	Pass	PK	5.7498G	113.61	Inf	-Inf	3	Horizontal	317	1.00
5745MHz	Pass	PK	5.997G	57.67	68.20	-10.53	3	Horizontal	317	1.00
5745MHz	Pass	AV	11.48844G	42.54	54.00	-11.46	3	Vertical	338	2.97
5745MHz	Pass	PK	11.49684G	53.84	74.00	-20.16	3	Vertical	338	2.97
5745MHz	Pass	PK	17.24394G	56.07	68.20	-12.13	3	Vertical	97	2.11
5745MHz	Pass	AV	11.48694G	42.84	54.00	-11.16	3	Horizontal	61	2.61
5745MHz	Pass	PK	11.49834G	53.57	74.00	-20.43	3	Horizontal	61	2.61
5745MHz	Pass	PK	17.24424G	56.42	68.20	-11.78	3	Horizontal	360	1.50
5785MHz	Pass	AV	5.78734G	103.10	Inf	-Inf	3	Vertical	324	2.92
5785MHz	Pass	PK	5.64335G	57.30	68.20	-10.90	3	Vertical	324	2.92
5785MHz	Pass	PK	5.7825G	110.19	Inf	-Inf	3	Vertical	324	2.92
5785MHz	Pass	PK	5.95432G	58.36	68.20	-9.84	3	Vertical	324	2.92
5785MHz	Pass	AV	5.78008G	106.49	Inf	-Inf	3	Horizontal	319	1.37
5785MHz	Pass	PK	5.64456G	58.78	68.20	-9.42	3	Horizontal	319	1.37
5785MHz	Pass	PK	5.78976G	113.52	Inf	-Inf	3	Horizontal	319	1.37
5785MHz	Pass	PK	5.98457G	58.43	68.20	-9.77	3	Horizontal	319	1.37
5785MHz	Pass	AV	11.56436G	42.39	54.00	-11.61	3	Vertical	177	2.21
5785MHz	Pass	PK	11.58368G	53.33	74.00	-20.67	3	Vertical	177	2.21
5785MHz	Pass	PK	17.36136G	56.91	68.20	-11.29	3	Vertical	313	2.68
5785MHz	Pass	AV	11.57108G	42.57	54.00	-11.43	3	Horizontal	56	2.26
5785MHz	Pass	PK	11.57036G	54.30	74.00	-19.70	3	Horizontal	56	2.26
5785MHz	Pass	PK	17.34012G	56.52	68.20	-11.68	3	Horizontal	190	1.50
5825MHz	Pass	AV	5.8274G	102.18	Inf	-Inf	3	Vertical	324	3.00
5825MHz	Pass	PK	5.5574G	57.51	68.20	-10.69	3	Vertical	324	3.00
5825MHz	Pass	PK	5.8274G	109.04	Inf	-Inf	3	Vertical	324	3.00
5825MHz	Pass	PK	6.0014G	58.34	68.20	-9.86	3	Vertical	324	3.00



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5825MHz	Pass	AV	5.8202G	105.32	Inf	-Inf	3	Horizontal	320	1.28
5825MHz	Pass	PK	5.5634G	57.65	68.20	-10.55	3	Horizontal	320	1.28
5825MHz	Pass	PK	5.8202G	112.25	Inf	-Inf	3	Horizontal	320	1.28
5825MHz	Pass	PK	5.9858G	57.86	68.20	-10.34	3	Horizontal	320	1.28
5825MHz	Pass	AV	11.66434G	42.55	54.00	-11.45	3	Vertical	184	1.11
5825MHz	Pass	PK	11.63626G	53.56	74.00	-20.44	3	Vertical	184	1.11
5825MHz	Pass	PK	17.47002G	55.81	68.20	-12.39	3	Vertical	97	1.50
5825MHz	Pass	AV	11.65618G	42.54	54.00	-11.46	3	Horizontal	310	2.02
5825MHz	Pass	PK	11.65768G	53.38	74.00	-20.62	3	Horizontal	310	2.02
5825MHz	Pass	PK	17.46534G	56.03	68.20	-12.17	3	Horizontal	78	2.36
802.11ax HEW20_Nss1 (MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1486G	51.21	54.00	-2.79	3	Vertical	342	2.90
5180MHz	Pass	AV	5.1784G	103.85	Inf	-Inf	3	Vertical	342	2.90
5180MHz	Pass	PK	5.1484G	67.95	74.00	-6.05	3	Vertical	342	2.90
5180MHz	Pass	PK	5.186G	113.80	Inf	-Inf	3	Vertical	342	2.90
5180MHz	Pass	AV	5.148G	53.42	54.00	-0.58	3	Horizontal	53	2.26
5180MHz	Pass	AV	5.1828G	107.23	Inf	-Inf	3	Horizontal	53	2.26
5180MHz	Pass	PK	5.148G	71.04	74.00	-2.96	3	Horizontal	53	2.26
5180MHz	Pass	PK	5.1732G	117.63	Inf	-Inf	3	Horizontal	53	2.26
5180MHz	Pass	AV	15.54996G	43.70	54.00	-10.30	3	Vertical	61	1.50
5180MHz	Pass	PK	10.36408G	53.32	68.20	-14.88	3	Vertical	45	1.50
5180MHz	Pass	PK	15.54702G	54.91	74.00	-19.09	3	Vertical	61	1.50
5180MHz	Pass	AV	15.55224G	43.58	54.00	-10.42	3	Horizontal	146	1.50
5180MHz	Pass	PK	10.34968G	53.54	68.20	-14.66	3	Horizontal	290	1.43
5180MHz	Pass	PK	15.53514G	54.53	74.00	-19.47	3	Horizontal	146	1.50
5200MHz	Pass	AV	5.104G	49.33	54.00	-4.67	3	Vertical	340	3.00
5200MHz	Pass	AV	5.196G	105.40	Inf	-Inf	3	Vertical	340	3.00
5200MHz	Pass	PK	5.138G	60.74	74.00	-13.26	3	Vertical	340	3.00
5200MHz	Pass	PK	5.1932G	114.93	Inf	-Inf	3	Vertical	340	3.00
5200MHz	Pass	AV	5.1056G	50.68	54.00	-3.32	3	Horizontal	53	2.23
5200MHz	Pass	AV	5.1952G	108.39	Inf	-Inf	3	Horizontal	53	2.23
5200MHz	Pass	PK	5.1496G	62.79	74.00	-11.21	3	Horizontal	53	2.23
5200MHz	Pass	PK	5.2052G	118.39	Inf	-Inf	3	Horizontal	53	2.23
5200MHz	Pass	AV	15.58578G	43.57	54.00	-10.43	3	Vertical	355	1.50
5200MHz	Pass	PK	10.40996G	53.70	68.20	-14.50	3	Vertical	126	1.73
5200MHz	Pass	PK	15.59712G	54.87	74.00	-19.13	3	Vertical	355	1.50
5200MHz	Pass	AV	15.61434G	43.60	54.00	-10.40	3	Horizontal	130	2.03
5200MHz	Pass	PK	10.4087G	52.89	68.20	-15.31	3	Horizontal	96	2.99
5200MHz	Pass	PK	15.6051G	54.58	74.00	-19.42	3	Horizontal	130	2.03
5240MHz	Pass	AV	5.1386G	49.95	54.00	-4.05	3	Vertical	340	2.97
5240MHz	Pass	AV	5.2388G	104.85	Inf	-Inf	3	Vertical	340	2.97
5240MHz	Pass	AV	5.3828G	46.83	54.00	-7.17	3	Vertical	340	2.97
5240MHz	Pass	PK	5.1386G	59.76	74.00	-14.24	3	Vertical	340	2.97
5240MHz	Pass	PK	5.2412G	114.72	Inf	-Inf	3	Vertical	340	2.97
5240MHz	Pass	PK	5.39G	56.97	74.00	-17.03	3	Vertical	340	2.97
5240MHz	Pass	AV	5.1458G	51.18	54.00	-2.82	3	Horizontal	39	2.01
5240MHz	Pass	AV	5.243G	107.42	Inf	-Inf	3	Horizontal	39	2.01
5240MHz	Pass	AV	5.39G	48.99	54.00	-5.01	3	Horizontal	39	2.01
5240MHz	Pass	PK	5.1386G	60.99	74.00	-13.01	3	Horizontal	39	2.01
5240MHz	Pass	PK	5.2454G	117.38	Inf	-Inf	3	Horizontal	39	2.01
5240MHz	Pass	PK	5.387G	59.78	74.00	-14.22	3	Horizontal	39	2.01
5240MHz	Pass	AV	15.71148G	44.01	54.00	-9.99	3	Vertical	34	1.90
5240MHz	Pass	PK	10.48354G	54.54	68.20	-13.66	3	Vertical	250	1.50
5240MHz	Pass	PK	15.7215G	55.35	74.00	-18.65	3	Vertical	34	1.74
5240MHz	Pass	AV	15.71316G	44.12	54.00	-9.88	3	Horizontal	25	2.25
5240MHz	Pass	PK	10.48678G	53.78	68.20	-14.42	3	Horizontal	358	1.50
5240MHz	Pass	PK	15.7257G	56.14	74.00	-17.86	3	Horizontal	25	2.25
5260MHz	Pass	AV	5.15G	47.80	54.00	-6.20	3	Vertical	338	2.89
5260MHz	Pass	AV	5.2588G	104.32	Inf	-Inf	3	Vertical	338	2.89
5260MHz	Pass	AV	5.356G	48.86	54.00	-5.14	3	Vertical	338	2.89
5260MHz	Pass	PK	5.146G	58.30	74.00	-15.70	3	Vertical	338	2.89
5260MHz	Pass	PK	5.2612G	114.31	Inf	-Inf	3	Vertical	338	2.89



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5260MHz	Pass	PK	5.3536G	58.58	74.00	-15.42	3	Vertical	338	2.89
5260MHz	Pass	AV	5.15G	49.20	54.00	-4.80	3	Horizontal	37	2.01
5260MHz	Pass	AV	5.2582G	107.70	Inf	-Inf	3	Horizontal	37	2.01
5260MHz	Pass	AV	5.3626G	51.68	54.00	-2.32	3	Horizontal	37	2.01
5260MHz	Pass	PK	5.146G	59.00	74.00	-15.00	3	Horizontal	37	2.01
5260MHz	Pass	PK	5.2612G	117.17	Inf	-Inf	3	Horizontal	37	2.01
5260MHz	Pass	PK	5.3626G	62.13	74.00	-11.87	3	Horizontal	37	2.01
5260MHz	Pass	AV	15.76872G	43.89	54.00	-10.11	3	Vertical	327	1.50
5260MHz	Pass	PK	10.5116G	54.07	68.20	-14.13	3	Vertical	239	1.46
5260MHz	Pass	PK	15.76842G	54.67	74.00	-19.33	3	Vertical	327	1.50
5260MHz	Pass	AV	15.77448G	43.99	54.00	-10.01	3	Horizontal	4	1.50
5260MHz	Pass	PK	10.5344G	53.66	68.20	-14.54	3	Horizontal	134	1.50
5260MHz	Pass	PK	15.79452G	55.98	74.00	-18.02	3	Horizontal	4	1.50
5300MHz	Pass	AV	5.3032G	100.82	Inf	-Inf	3	Vertical	48	1.74
5300MHz	Pass	AV	5.398G	48.83	54.00	-5.17	3	Vertical	48	1.74
5300MHz	Pass	PK	5.3052G	110.98	Inf	-Inf	3	Vertical	48	1.74
5300MHz	Pass	PK	5.3904G	59.78	74.00	-14.22	3	Vertical	48	1.74
5300MHz	Pass	AV	5.3036G	107.24	Inf	-Inf	3	Horizontal	36	2.38
5300MHz	Pass	AV	5.3984G	51.85	54.00	-2.15	3	Horizontal	36	2.38
5300MHz	Pass	PK	5.3012G	117.10	Inf	-Inf	3	Horizontal	36	2.38
5300MHz	Pass	PK	5.398G	62.69	74.00	-11.31	3	Horizontal	36	2.38
5300MHz	Pass	AV	15.89754G	43.45	54.00	-10.55	3	Vertical	99	1.11
5300MHz	Pass	PK	10.59766G	52.94	68.20	-15.26	3	Vertical	150	1.50
5300MHz	Pass	PK	15.8994G	54.92	74.00	-19.08	3	Vertical	99	1.11
5300MHz	Pass	AV	15.90618G	43.51	54.00	-10.49	3	Horizontal	195	1.50
5300MHz	Pass	PK	10.59822G	54.21	68.20	-13.99	3	Horizontal	359	1.50
5300MHz	Pass	PK	15.89286G	54.53	74.00	-19.47	3	Horizontal	195	1.50
5320MHz	Pass	AV	5.3232G	100.32	Inf	-Inf	3	Vertical	47	1.71
5320MHz	Pass	AV	5.3504G	49.50	54.00	-4.50	3	Vertical	47	1.71
5320MHz	Pass	PK	5.323G	112.16	Inf	-Inf	3	Vertical	47	1.71
5320MHz	Pass	PK	5.3554G	62.55	74.00	-11.45	3	Vertical	47	1.71
5320MHz	Pass	AV	5.323G	105.55	Inf	-Inf	3	Horizontal	35	1.98
5320MHz	Pass	AV	5.3502G	53.31	54.00	-0.69	3	Horizontal	35	1.98
5320MHz	Pass	PK	5.3254G	115.78	Inf	-Inf	3	Horizontal	35	1.98
5320MHz	Pass	PK	5.3554G	67.54	74.00	-6.46	3	Horizontal	35	1.98
5320MHz	Pass	AV	10.6535G	42.34	54.00	-11.66	3	Vertical	245	1.50
5320MHz	Pass	AV	15.96156G	43.20	54.00	-10.80	3	Vertical	337	1.50
5320MHz	Pass	PK	10.64678G	53.02	74.00	-20.98	3	Vertical	245	1.50
5320MHz	Pass	PK	15.96816G	54.44	74.00	-19.56	3	Vertical	337	1.50
5320MHz	Pass	AV	10.6409G	42.53	54.00	-11.47	3	Horizontal	242	1.50
5320MHz	Pass	AV	15.9633G	43.23	54.00	-10.77	3	Horizontal	67	2.24
5320MHz	Pass	PK	10.6388G	53.52	74.00	-20.48	3	Horizontal	242	1.50
5320MHz	Pass	PK	15.95898G	54.37	74.00	-19.63	3	Horizontal	67	2.24
5500MHz	Pass	AV	5.4594G	48.46	54.00	-5.54	3	Vertical	36	2.97
5500MHz	Pass	AV	5.506G	104.19	Inf	-Inf	3	Vertical	36	2.97
5500MHz	Pass	PK	5.4694G	65.13	68.20	-3.07	3	Vertical	36	2.97
5500MHz	Pass	PK	5.5058G	114.24	Inf	-Inf	3	Vertical	36	2.97
5500MHz	Pass	AV	5.4586G	49.34	54.00	-4.66	3	Horizontal	328	1.62
5500MHz	Pass	AV	5.505G	105.48	Inf	-Inf	3	Horizontal	328	1.62
5500MHz	Pass	PK	5.4682G	67.51	68.20	-0.69	3	Horizontal	328	1.62
5500MHz	Pass	PK	5.503G	115.52	Inf	-Inf	3	Horizontal	328	1.62
5500MHz	Pass	AV	10.99208G	42.64	54.00	-11.36	3	Vertical	95	1.68
5500MHz	Pass	PK	11.00264G	53.56	74.00	-20.44	3	Vertical	95	1.68
5500MHz	Pass	PK	16.48578G	55.92	68.20	-12.28	3	Vertical	1	1.50
5500MHz	Pass	AV	11.00132G	42.70	54.00	-11.30	3	Horizontal	19	2.07
5500MHz	Pass	PK	10.9874G	53.45	74.00	-20.55	3	Horizontal	19	2.07
5500MHz	Pass	PK	16.497G	55.91	68.20	-12.29	3	Horizontal	179	1.66
5580MHz	Pass	AV	5.4594G	46.19	54.00	-7.81	3	Vertical	33	2.90
5580MHz	Pass	AV	5.5788G	104.64	Inf	-Inf	3	Vertical	33	2.90
5580MHz	Pass	PK	5.4666G	56.66	68.20	-11.54	3	Vertical	33	2.90
5580MHz	Pass	PK	5.5812G	114.48	Inf	-Inf	3	Vertical	33	2.90
5580MHz	Pass	PK	5.7276G	57.68	68.20	-10.52	3	Vertical	33	2.90



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5580MHz	Pass	AV	5.46G	46.26	54.00	-7.74	3	Horizontal	332	1.77
5580MHz	Pass	AV	5.5848G	105.59	Inf	-Inf	3	Horizontal	332	1.77
5580MHz	Pass	PK	5.4672G	56.57	68.20	-11.63	3	Horizontal	332	1.77
5580MHz	Pass	PK	5.5872G	115.07	Inf	-Inf	3	Horizontal	332	1.77
5580MHz	Pass	PK	5.727G	58.01	68.20	-10.19	3	Horizontal	332	1.77
5580MHz	Pass	AV	11.16114G	42.55	54.00	-11.45	3	Vertical	93	1.73
5580MHz	Pass	PK	11.16288G	54.03	74.00	-19.97	3	Vertical	93	1.73
5580MHz	Pass	PK	16.74522G	56.24	68.20	-11.96	3	Vertical	209	1.50
5580MHz	Pass	AV	11.1558G	42.60	54.00	-11.40	3	Horizontal	30	1.96
5580MHz	Pass	PK	11.1504G	53.37	74.00	-20.63	3	Horizontal	30	1.79
5580MHz	Pass	PK	16.73946G	56.17	68.20	-12.03	3	Horizontal	46	2.25
5700MHz	Pass	AV	5.6984G	100.82	Inf	-Inf	3	Vertical	35	2.93
5700MHz	Pass	PK	5.6912G	110.93	Inf	-Inf	3	Vertical	35	2.93
5700MHz	Pass	PK	5.728G	64.36	68.20	-3.84	3	Vertical	35	2.93
5700MHz	Pass	AV	5.6976G	100.74	Inf	-Inf	3	Horizontal	335	1.74
5700MHz	Pass	PK	5.6972G	111.13	Inf	-Inf	3	Horizontal	335	1.74
5700MHz	Pass	PK	5.7252G	67.76	68.20	-0.44	3	Horizontal	335	1.74
5700MHz	Pass	AV	11.40798G	42.49	54.00	-11.51	3	Vertical	198	2.78
5700MHz	Pass	PK	11.41266G	53.28	74.00	-20.72	3	Vertical	198	2.78
5700MHz	Pass	PK	17.10018G	56.26	68.20	-11.94	3	Vertical	173	1.65
5700MHz	Pass	AV	11.40606G	42.36	54.00	-11.64	3	Horizontal	282	1.50
5700MHz	Pass	PK	11.3961G	53.48	74.00	-20.52	3	Horizontal	282	1.50
5700MHz	Pass	PK	17.09028G	55.92	68.20	-12.28	3	Horizontal	0	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4368G	45.84	54.00	-8.16	3	Vertical	35	2.89
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	104.75	Inf	-Inf	3	Vertical	35	2.89
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4656G	56.65	68.20	-11.55	3	Vertical	35	2.89
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7212G	114.20	Inf	-Inf	3	Vertical	35	2.89
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9G	59.03	68.20	-9.17	3	Vertical	35	2.89
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4596G	45.76	54.00	-8.24	3	Horizontal	317	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7224G	105.84	Inf	-Inf	3	Horizontal	317	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4632G	55.81	68.20	-12.39	3	Horizontal	317	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7128G	115.08	Inf	-Inf	3	Horizontal	317	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8592G	58.87	68.20	-9.33	3	Horizontal	317	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.4349G	42.54	54.00	-11.46	3	Vertical	0	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.42686G	53.44	74.00	-20.56	3	Vertical	0	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15298G	56.12	68.20	-12.08	3	Vertical	246	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43856G	43.26	54.00	-10.74	3	Horizontal	302	2.27
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.45122G	54.52	74.00	-19.48	3	Horizontal	302	2.27
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16816G	56.18	68.20	-12.02	3	Horizontal	7	1.50
5745MHz	Pass	AV	5.7438G	104.50	Inf	-Inf	3	Vertical	38	3.00
5745MHz	Pass	PK	5.649G	59.73	68.20	-8.47	3	Vertical	38	3.00
5745MHz	Pass	PK	5.751G	114.38	Inf	-Inf	3	Vertical	38	3.00
5745MHz	Pass	PK	5.9958G	58.94	68.20	-9.26	3	Vertical	38	3.00
5745MHz	Pass	AV	5.7474G	105.32	Inf	-Inf	3	Horizontal	319	1.29
5745MHz	Pass	PK	5.6502G	60.20	68.35	-8.15	3	Horizontal	319	1.29
5745MHz	Pass	PK	5.7378G	114.83	Inf	-Inf	3	Horizontal	319	1.29
5745MHz	Pass	PK	5.9298G	58.27	68.20	-9.93	3	Horizontal	319	1.29
5745MHz	Pass	AV	11.50284G	42.55	54.00	-11.45	3	Vertical	322	1.50
5745MHz	Pass	PK	11.49678G	53.47	74.00	-20.53	3	Vertical	322	1.50
5745MHz	Pass	PK	17.2242G	57.53	68.20	-10.67	3	Vertical	161	1.50
5745MHz	Pass	AV	11.4888G	43.03	54.00	-10.97	3	Horizontal	0	2.38
5745MHz	Pass	PK	11.49228G	53.83	74.00	-20.17	3	Horizontal	0	2.38
5745MHz	Pass	PK	17.22162G	56.20	68.20	-12.00	3	Horizontal	294	1.50
5785MHz	Pass	AV	5.78371G	102.19	Inf	-Inf	3	Vertical	323	2.91
5785MHz	Pass	PK	5.56954G	57.25	68.20	-10.95	3	Vertical	323	2.91
5785MHz	Pass	PK	5.79097G	111.34	Inf	-Inf	3	Vertical	323	2.91
5785MHz	Pass	PK	5.94827G	58.14	68.20	-10.06	3	Vertical	323	2.91
5785MHz	Pass	AV	5.7825G	105.73	Inf	-Inf	3	Horizontal	317	1.00
5785MHz	Pass	PK	5.61068G	58.30	68.20	-9.90	3	Horizontal	317	1.00
5785MHz	Pass	PK	5.7825G	115.30	Inf	-Inf	3	Horizontal	317	1.00
5785MHz	Pass	PK	5.98578G	58.91	68.20	-9.29	3	Horizontal	317	1.00
5785MHz	Pass	AV	11.57168G	42.38	54.00	-11.62	3	Vertical	323	2.93



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5785MHz	Pass	PK	11.58488G	53.32	74.00	-20.68	3	Vertical	323	2.93
5785MHz	Pass	PK	17.35524G	56.44	68.20	-11.76	3	Vertical	164	1.26
5785MHz	Pass	AV	11.57192G	42.60	54.00	-11.40	3	Horizontal	0	2.21
5785MHz	Pass	PK	11.56856G	53.38	74.00	-20.62	3	Horizontal	0	2.21
5785MHz	Pass	PK	17.35392G	56.36	68.20	-11.84	3	Horizontal	268	2.71
5825MHz	Pass	AV	5.8262G	101.41	Inf	-Inf	3	Vertical	323	3.00
5825MHz	Pass	PK	5.6018G	58.67	68.20	-9.53	3	Vertical	323	3.00
5825MHz	Pass	PK	5.8262G	111.02	Inf	-Inf	3	Vertical	323	3.00
5825MHz	Pass	PK	5.999G	57.85	68.20	-10.35	3	Vertical	323	3.00
5825MHz	Pass	AV	5.8202G	104.86	Inf	-Inf	3	Horizontal	320	1.38
5825MHz	Pass	PK	5.6294G	58.00	68.20	-10.20	3	Horizontal	320	1.38
5825MHz	Pass	PK	5.8178G	114.56	Inf	-Inf	3	Horizontal	320	1.38
5825MHz	Pass	PK	5.9798G	58.83	68.20	-9.37	3	Horizontal	320	1.38
5825MHz	Pass	AV	11.63746G	42.41	54.00	-11.59	3	Vertical	204	2.98
5825MHz	Pass	PK	11.6527G	53.58	74.00	-20.42	3	Vertical	204	2.98
5825MHz	Pass	PK	17.48664G	56.59	68.20	-11.61	3	Vertical	182	1.50
5825MHz	Pass	AV	11.66236G	42.52	54.00	-11.48	3	Horizontal	360	2.08
5825MHz	Pass	PK	11.63878G	53.39	74.00	-20.61	3	Horizontal	360	2.08
5825MHz	Pass	PK	17.48658G	56.66	68.20	-11.54	3	Horizontal	25	1.50
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1484G	51.80	54.00	-2.20	3	Vertical	342	3.00
5190MHz	Pass	AV	5.196G	99.78	Inf	-Inf	3	Vertical	342	3.00
5190MHz	Pass	PK	5.1464G	66.15	74.00	-7.85	3	Vertical	342	3.00
5190MHz	Pass	PK	5.196G	108.94	Inf	-Inf	3	Vertical	342	3.00
5190MHz	Pass	AV	5.1484G	53.67	54.00	-0.33	3	Horizontal	51.9	2.51
5190MHz	Pass	AV	5.1908G	102.51	Inf	-Inf	3	Horizontal	51.9	2.51
5190MHz	Pass	PK	5.1456G	67.07	74.00	-6.93	3	Horizontal	51.9	2.51
5190MHz	Pass	PK	5.188G	112.24	Inf	-Inf	3	Horizontal	51.9	2.51
5190MHz	Pass	AV	15.58576G	44.26	54.00	-9.74	3	Vertical	28	1.61
5190MHz	Pass	PK	10.36184G	50.07	68.20	-18.13	3	Vertical	346	2.17
5190MHz	Pass	PK	15.56816G	50.97	74.00	-23.03	3	Vertical	28	1.61
5190MHz	Pass	AV	15.55456G	44.29	54.00	-9.71	3	Horizontal	311	1.48
5190MHz	Pass	PK	10.39192G	51.02	68.20	-17.18	3	Horizontal	158	2.13
5190MHz	Pass	PK	15.57192G	51.56	74.00	-22.44	3	Horizontal	311	1.48
5230MHz	Pass	AV	5.1488G	51.72	54.00	-2.28	3	Vertical	340	3.00
5230MHz	Pass	AV	5.2188G	102.45	Inf	-Inf	3	Vertical	340	3.00
5230MHz	Pass	PK	5.1488G	63.70	74.00	-10.30	3	Vertical	340	3.00
5230MHz	Pass	PK	5.2264G	111.92	Inf	-Inf	3	Vertical	340	3.00
5230MHz	Pass	AV	5.1468G	53.76	54.00	-0.24	3	Horizontal	37	2.44
5230MHz	Pass	AV	5.2364G	105.07	Inf	-Inf	3	Horizontal	37	2.44
5230MHz	Pass	PK	5.1488G	67.04	74.00	-6.96	3	Horizontal	37	2.44
5230MHz	Pass	PK	5.2268G	116.01	Inf	-Inf	3	Horizontal	37	2.44
5230MHz	Pass	AV	15.69536G	44.38	54.00	-9.62	3	Vertical	244	2.25
5230MHz	Pass	PK	10.45G	50.28	68.20	-17.92	3	Vertical	170	2.69
5230MHz	Pass	PK	15.6868G	52.31	74.00	-21.69	3	Vertical	244	2.25
5230MHz	Pass	AV	15.70048G	44.59	54.00	-9.41	3	Horizontal	246	1.63
5230MHz	Pass	PK	10.47512G	50.63	68.20	-17.57	3	Horizontal	58	2.89
5230MHz	Pass	PK	15.67648G	51.64	74.00	-22.36	3	Horizontal	246	1.63
5270MHz	Pass	AV	5.2712G	101.16	Inf	-Inf	3	Vertical	341	2.90
5270MHz	Pass	AV	5.3568G	49.48	54.00	-4.52	3	Vertical	341	2.90
5270MHz	Pass	PK	5.2732G	110.21	Inf	-Inf	3	Vertical	341	2.90
5270MHz	Pass	PK	5.3512G	60.24	74.00	-13.76	3	Vertical	341	2.90
5270MHz	Pass	AV	5.276G	104.67	Inf	-Inf	3	Horizontal	39	2.27
5270MHz	Pass	AV	5.3612G	52.22	54.00	-1.78	3	Horizontal	39	2.27
5270MHz	Pass	PK	5.2732G	113.84	Inf	-Inf	3	Horizontal	39	2.27
5270MHz	Pass	PK	5.3572G	63.67	74.00	-10.33	3	Horizontal	39	2.27
5270MHz	Pass	AV	15.82048G	44.32	54.00	-9.68	3	Vertical	134	1.38
5270MHz	Pass	PK	10.53496G	51.42	68.20	-16.78	3	Vertical	200	1.20
5270MHz	Pass	PK	15.79168G	54.47	74.00	-19.53	3	Vertical	134	1.38
5270MHz	Pass	AV	15.7992G	44.51	54.00	-9.49	3	Horizontal	70	2.64
5270MHz	Pass	PK	10.52392G	51.96	68.20	-16.24	3	Horizontal	325	2.44
5270MHz	Pass	PK	15.8048G	51.16	74.00	-22.84	3	Horizontal	70	2.64



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5310MHz	Pass	AV	5.3164G	96.76	Inf	-Inf	3	Vertical	338	2.97
5310MHz	Pass	AV	5.3512G	50.52	54.00	-3.48	3	Vertical	338	2.97
5310MHz	Pass	PK	5.3068G	106.90	Inf	-Inf	3	Vertical	338	2.97
5310MHz	Pass	PK	5.3516G	61.75	74.00	-12.25	3	Vertical	338	2.97
5310MHz	Pass	AV	5.3172G	99.80	Inf	-Inf	3	Horizontal	302	1.81
5310MHz	Pass	AV	5.35G	53.66	54.00	-0.34	3	Horizontal	302	1.81
5310MHz	Pass	PK	5.3152G	109.56	Inf	-Inf	3	Horizontal	302	1.81
5310MHz	Pass	PK	5.35G	64.26	74.00	-9.74	3	Horizontal	302	1.81
5310MHz	Pass	AV	10.62968G	42.95	54.00	-11.05	3	Vertical	266	2.48
5310MHz	Pass	AV	15.91296G	43.56	54.00	-10.44	3	Vertical	353	2.41
5310MHz	Pass	PK	10.6276G	50.28	74.00	-23.72	3	Vertical	266	2.48
5310MHz	Pass	PK	15.94176G	51.64	74.00	-22.36	3	Vertical	353	2.41
5310MHz	Pass	AV	10.61336G	43.33	54.00	-10.67	3	Horizontal	121	1.85
5310MHz	Pass	AV	15.91744G	43.68	54.00	-10.32	3	Horizontal	64	2.03
5310MHz	Pass	PK	10.60808G	53.20	74.00	-20.80	3	Horizontal	121	1.85
5310MHz	Pass	PK	15.91952G	52.34	74.00	-21.66	3	Horizontal	64	2.03
5510MHz	Pass	AV	5.4592G	50.46	54.00	-3.54	3	Vertical	35	2.95
5510MHz	Pass	AV	5.5236G	100.89	Inf	-Inf	3	Vertical	35	2.95
5510MHz	Pass	PK	5.464G	67.16	68.20	-1.04	3	Vertical	35	2.95
5510MHz	Pass	PK	5.5068G	110.26	Inf	-Inf	3	Vertical	35	2.95
5510MHz	Pass	AV	5.458G	51.36	54.00	-2.64	3	Horizontal	328	1.39
5510MHz	Pass	AV	5.52G	101.90	Inf	-Inf	3	Horizontal	328	1.39
5510MHz	Pass	PK	5.466G	67.62	68.20	-0.58	3	Horizontal	328	1.39
5510MHz	Pass	PK	5.5152G	111.85	Inf	-Inf	3	Horizontal	328	1.39
5510MHz	Pass	AV	11.01048G	43.51	54.00	-10.49	3	Vertical	40	2.37
5510MHz	Pass	PK	11.02368G	52.24	74.00	-21.76	3	Vertical	40	2.37
5510MHz	Pass	PK	16.51048G	52.89	68.20	-15.31	3	Vertical	305	2.77
5510MHz	Pass	AV	11.02416G	43.26	54.00	-10.74	3	Horizontal	147	1.90
5510MHz	Pass	PK	11.0176G	51.69	74.00	-22.31	3	Horizontal	147	1.90
5510MHz	Pass	PK	16.51112G	52.09	68.20	-16.11	3	Horizontal	53	1.46
5550MHz	Pass	AV	5.456G	47.08	54.00	-6.92	3	Vertical	50	2.25
5550MHz	Pass	AV	5.5564G	99.72	Inf	-Inf	3	Vertical	50	2.25
5550MHz	Pass	PK	5.4676G	57.15	68.20	-11.05	3	Vertical	50	2.25
5550MHz	Pass	PK	5.5468G	109.94	Inf	-Inf	3	Vertical	50	2.25
5550MHz	Pass	AV	5.4596G	48.63	54.00	-5.37	3	Horizontal	331	1.63
5550MHz	Pass	AV	5.5548G	103.16	Inf	-Inf	3	Horizontal	331	1.63
5550MHz	Pass	PK	5.4676G	59.57	68.20	-8.63	3	Horizontal	331	1.63
5550MHz	Pass	PK	5.5552G	113.54	Inf	-Inf	3	Horizontal	331	1.63
5550MHz	Pass	AV	11.10992G	43.18	54.00	-10.82	3	Vertical	165	1.99
5550MHz	Pass	PK	11.11696G	51.17	74.00	-22.83	3	Vertical	165	1.99
5550MHz	Pass	PK	16.64792G	52.90	68.20	-15.30	3	Vertical	8	1.98
5550MHz	Pass	AV	11.00968G	43.45	54.00	-10.55	3	Horizontal	21	1.35
5550MHz	Pass	PK	11.01896G	51.64	74.00	-22.36	3	Horizontal	21	1.35
5550MHz	Pass	PK	16.63064G	53.50	68.20	-14.70	3	Horizontal	28	2.37
5670MHz	Pass	AV	5.6766G	101.40	Inf	-Inf	3	Vertical	33	2.97
5670MHz	Pass	PK	5.6694G	110.82	Inf	-Inf	3	Vertical	33	2.97
5670MHz	Pass	PK	5.7252G	65.28	68.20	-2.92	3	Vertical	33	2.97
5670MHz	Pass	AV	5.6646G	101.84	Inf	-Inf	3	Horizontal	337	1.66
5670MHz	Pass	PK	5.667G	111.63	Inf	-Inf	3	Horizontal	337	1.66
5670MHz	Pass	PK	5.7252G	67.80	68.20	-0.40	3	Horizontal	337	1.66
5670MHz	Pass	AV	11.3204G	42.73	54.00	-11.27	3	Vertical	217	2.95
5670MHz	Pass	PK	11.3216G	50.84	74.00	-23.16	3	Vertical	217	2.95
5670MHz	Pass	PK	16.9904G	52.86	68.20	-15.34	3	Vertical	65	2.45
5670MHz	Pass	AV	11.3356G	42.98	54.00	-11.02	3	Horizontal	9	2.50
5670MHz	Pass	PK	11.3316G	50.83	74.00	-23.17	3	Horizontal	9	2.50
5670MHz	Pass	PK	16.992G	52.73	68.20	-15.47	3	Horizontal	237	2.24
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4592G	47.02	54.00	-6.98	3	Vertical	36	2.94
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7064G	103.46	Inf	-Inf	3	Vertical	36	2.94
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4664G	55.29	68.20	-12.91	3	Vertical	36	2.94
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.704G	112.28	Inf	-Inf	3	Vertical	36	2.94
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.95G	58.46	68.20	-9.74	3	Vertical	36	2.94
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4508G	46.52	54.00	-7.48	3	Horizontal	318	1.00



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7028G	104.45	Inf	-Inf	3	Horizontal	318	1.00
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4628G	56.46	68.20	-11.74	3	Horizontal	318	1.00
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7148G	114.94	Inf	-Inf	3	Horizontal	318	1.00
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8936G	58.99	68.20	-9.21	3	Horizontal	318	1.00
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.43208G	43.09	54.00	-10.91	3	Vertical	210	2.88
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.40192G	51.68	74.00	-22.32	3	Vertical	210	2.88
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.14216G	52.50	68.20	-15.70	3	Vertical	226	2.81
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.41592G	43.19	54.00	-10.81	3	Horizontal	17	2.16
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.40008G	50.60	74.00	-23.40	3	Horizontal	17	2.16
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.13568G	53.92	68.20	-14.28	3	Horizontal	195	1.60
5755MHz	Pass	AV	5.7562G	102.40	Inf	-Inf	3	Vertical	41	3.00
5755MHz	Pass	PK	5.641G	59.49	68.20	-8.71	3	Vertical	41	3.00
5755MHz	Pass	PK	5.7598G	112.82	Inf	-Inf	3	Vertical	41	3.00
5755MHz	Pass	PK	5.9422G	58.21	68.20	-9.99	3	Vertical	41	3.00
5755MHz	Pass	AV	5.7598G	103.32	Inf	-Inf	3	Horizontal	318	1.03
5755MHz	Pass	PK	5.6398G	59.91	68.20	-8.29	3	Horizontal	318	1.03
5755MHz	Pass	PK	5.7598G	113.93	Inf	-Inf	3	Horizontal	318	1.03
5755MHz	Pass	PK	5.9674G	58.75	68.20	-9.45	3	Horizontal	318	1.03
5755MHz	Pass	AV	11.50264G	43.00	54.00	-11.00	3	Vertical	95	1.22
5755MHz	Pass	PK	11.52224G	50.84	74.00	-23.16	3	Vertical	95	1.22
5755MHz	Pass	PK	17.26172G	53.98	68.20	-14.22	3	Vertical	255	1.48
5755MHz	Pass	AV	11.50536G	43.04	54.00	-10.96	3	Horizontal	261	1.46
5755MHz	Pass	PK	11.51936G	51.03	74.00	-22.97	3	Horizontal	261	1.46
5755MHz	Pass	PK	17.2606G	52.61	68.20	-15.59	3	Horizontal	98	1.54
5795MHz	Pass	AV	5.789G	100.26	Inf	-Inf	3	Vertical	324	2.91
5795MHz	Pass	PK	5.5706G	57.52	68.20	-10.68	3	Vertical	324	2.91
5795MHz	Pass	PK	5.7914G	110.50	Inf	-Inf	3	Vertical	324	2.91
5795MHz	Pass	PK	6.0506G	58.22	68.20	-9.98	3	Vertical	324	2.91
5795MHz	Pass	AV	5.7902G	103.72	Inf	-Inf	3	Horizontal	319	1.47
5795MHz	Pass	PK	5.633G	58.07	68.20	-10.13	3	Horizontal	319	1.47
5795MHz	Pass	PK	5.7998G	114.26	Inf	-Inf	3	Horizontal	319	1.47
5795MHz	Pass	PK	5.9654G	58.80	68.20	-9.40	3	Horizontal	319	1.47
5795MHz	Pass	AV	11.5804G	42.90	54.00	-11.10	3	Vertical	233	2.54
5795MHz	Pass	PK	11.57048G	50.29	74.00	-23.71	3	Vertical	233	2.54
5795MHz	Pass	PK	17.367G	53.66	68.20	-14.54	3	Vertical	52	1.22
5795MHz	Pass	AV	11.59608G	43.07	54.00	-10.93	3	Horizontal	244	1.93
5795MHz	Pass	PK	11.59024G	51.02	74.00	-22.98	3	Horizontal	244	1.93
5795MHz	Pass	PK	17.3854G	52.61	68.20	-15.59	3	Horizontal	309	2.91
802.11ax HEW80_Nss1 (MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.149G	50.86	54.00	-3.14	3	Vertical	340	2.88
5210MHz	Pass	AV	5.201G	96.17	Inf	-Inf	3	Vertical	340	2.88
5210MHz	Pass	AV	5.417G	47.22	54.00	-6.78	3	Vertical	340	2.88
5210MHz	Pass	PK	5.144G	62.69	74.00	-11.31	3	Vertical	340	2.88
5210MHz	Pass	PK	5.213G	106.50	Inf	-Inf	3	Vertical	340	2.88
5210MHz	Pass	PK	5.452G	57.94	74.00	-16.06	3	Vertical	340	2.88
5210MHz	Pass	AV	5.148G	53.54	54.00	-0.46	3	Horizontal	54	2.36
5210MHz	Pass	AV	5.2G	99.39	Inf	-Inf	3	Horizontal	54	2.36
5210MHz	Pass	AV	5.36G	48.23	54.00	-5.77	3	Horizontal	54	2.36
5210MHz	Pass	PK	5.146G	65.04	74.00	-8.96	3	Horizontal	54	2.36
5210MHz	Pass	PK	5.198G	109.43	Inf	-Inf	3	Horizontal	54	2.36
5210MHz	Pass	PK	5.35G	58.90	74.00	-15.10	3	Horizontal	54	2.36
5210MHz	Pass	AV	15.60456G	44.47	54.00	-9.53	3	Vertical	179	1.04
5210MHz	Pass	PK	10.45056G	50.88	68.20	-17.32	3	Vertical	154	2.38
5210MHz	Pass	PK	15.66536G	50.85	74.00	-23.15	3	Vertical	179	1.04
5210MHz	Pass	AV	15.64792G	44.62	54.00	-9.38	3	Horizontal	286	2.81
5210MHz	Pass	PK	10.38208G	50.37	68.20	-17.83	3	Horizontal	3	2.70
5210MHz	Pass	PK	15.63208G	51.06	74.00	-22.94	3	Horizontal	286	2.81
5290MHz	Pass	AV	5.124G	48.41	54.00	-5.59	3	Vertical	338	3.00
5290MHz	Pass	AV	5.301G	93.59	Inf	-Inf	3	Vertical	338	3.00
5290MHz	Pass	AV	5.354G	50.48	54.00	-3.52	3	Vertical	338	3.00
5290MHz	Pass	PK	5.137G	58.29	74.00	-15.71	3	Vertical	338	3.00
5290MHz	Pass	PK	5.301G	103.36	Inf	-Inf	3	Vertical	338	3.00



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5290MHz	Pass	PK	5.472G	58.28	68.20	-9.92	3	Vertical	338	3.00
5290MHz	Pass	AV	5.148G	48.19	54.00	-5.81	3	Horizontal	302	1.72
5290MHz	Pass	AV	5.32G	96.58	Inf	-Inf	3	Horizontal	302	1.72
5290MHz	Pass	AV	5.352G	53.46	54.00	-0.54	3	Horizontal	302	1.72
5290MHz	Pass	PK	5.12G	58.32	74.00	-15.68	3	Horizontal	302	1.72
5290MHz	Pass	PK	5.307G	106.72	Inf	-Inf	3	Horizontal	302	1.72
5290MHz	Pass	PK	5.465G	59.69	68.20	-8.51	3	Horizontal	302	1.72
5290MHz	Pass	AV	15.83352G	44.17	54.00	-9.83	3	Vertical	216	2.77
5290MHz	Pass	PK	10.55424G	51.18	68.20	-17.02	3	Vertical	288	2.92
5290MHz	Pass	PK	15.8612G	52.06	74.00	-21.94	3	Vertical	216	2.77
5290MHz	Pass	AV	15.86616G	44.24	54.00	-9.76	3	Horizontal	81	1.26
5290MHz	Pass	PK	10.54128G	51.17	68.20	-17.03	3	Horizontal	266	1.69
5290MHz	Pass	PK	15.83112G	52.05	74.00	-21.95	3	Horizontal	81	1.26
5530MHz	Pass	AV	5.46G	51.84	54.00	-2.16	3	Vertical	50	2.83
5530MHz	Pass	AV	5.52G	95.26	Inf	-Inf	3	Vertical	50	2.83
5530MHz	Pass	PK	5.465G	61.50	68.20	-6.70	3	Vertical	50	2.83
5530MHz	Pass	PK	5.532G	105.05	Inf	-Inf	3	Vertical	50	2.83
5530MHz	Pass	PK	5.732G	58.03	68.20	-10.17	3	Vertical	50	2.83
5530MHz	Pass	AV	5.46G	53.57	54.00	-0.43	3	Horizontal	331	1.64
5530MHz	Pass	AV	5.56G	98.27	Inf	-Inf	3	Horizontal	331	1.64
5530MHz	Pass	PK	5.464G	63.96	68.20	-4.24	3	Horizontal	331	1.64
5530MHz	Pass	PK	5.533G	108.32	Inf	-Inf	3	Horizontal	331	1.64
5530MHz	Pass	PK	5.735G	58.61	68.20	-9.59	3	Horizontal	331	1.64
5530MHz	Pass	AV	11.05248G	43.30	54.00	-10.70	3	Vertical	235	1.97
5530MHz	Pass	PK	11.05232G	51.58	74.00	-22.42	3	Vertical	235	1.97
5530MHz	Pass	PK	16.57608G	53.62	68.20	-14.58	3	Vertical	36	1.93
5530MHz	Pass	AV	11.04928G	43.53	54.00	-10.47	3	Horizontal	99	2.83
5530MHz	Pass	PK	11.09088G	51.74	74.00	-22.26	3	Horizontal	99	2.83
5530MHz	Pass	PK	16.59224G	51.88	68.20	-16.32	3	Horizontal	323	2.29
5610MHz	Pass	AV	5.456G	48.25	54.00	-5.75	3	Vertical	34	3.00
5610MHz	Pass	AV	5.624G	99.93	Inf	-Inf	3	Vertical	34	3.00
5610MHz	Pass	PK	5.461G	58.46	68.20	-9.74	3	Vertical	34	3.00
5610MHz	Pass	PK	5.621G	110.07	Inf	-Inf	3	Vertical	34	3.00
5610MHz	Pass	PK	5.729G	65.54	68.20	-2.66	3	Vertical	34	3.00
5610MHz	Pass	AV	5.46G	49.05	54.00	-4.95	3	Horizontal	330	1.61
5610MHz	Pass	AV	5.625G	101.15	Inf	-Inf	3	Horizontal	330	1.61
5610MHz	Pass	PK	5.466G	61.10	68.20	-7.10	3	Horizontal	330	1.61
5610MHz	Pass	PK	5.612G	111.14	Inf	-Inf	3	Horizontal	330	1.61
5610MHz	Pass	PK	5.73G	65.93	68.20	-2.27	3	Horizontal	330	1.61
5610MHz	Pass	AV	11.21584G	42.85	54.00	-11.15	3	Vertical	305	1.00
5610MHz	Pass	PK	11.21168G	51.67	74.00	-22.33	3	Vertical	305	1.00
5610MHz	Pass	PK	16.81336G	53.00	68.20	-15.20	3	Vertical	128	2.68
5610MHz	Pass	AV	11.188G	43.14	54.00	-10.86	3	Horizontal	10	1.57
5610MHz	Pass	PK	11.23936G	52.12	74.00	-21.88	3	Horizontal	10	1.57
5610MHz	Pass	PK	16.84504G	53.16	68.20	-15.04	3	Horizontal	156	1.81
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4356G	46.87	54.00	-7.13	3	Vertical	33	2.94
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.7008G	100.52	Inf	-Inf	3	Vertical	33	2.94
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4632G	55.97	68.20	-12.23	3	Vertical	33	2.94
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.7008G	110.75	Inf	-Inf	3	Vertical	33	2.94
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.852G	58.92	68.20	-9.28	3	Vertical	33	2.94
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4416G	46.76	54.00	-7.24	3	Horizontal	336	1.64
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6876G	100.14	Inf	-Inf	3	Horizontal	336	1.64
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4656G	56.94	68.20	-11.26	3	Horizontal	336	1.64
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.672G	110.74	Inf	-Inf	3	Horizontal	336	1.64
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8592G	59.41	68.20	-8.79	3	Horizontal	336	1.64
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.40672G	43.06	54.00	-10.94	3	Vertical	281	1.19
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.3504G	50.62	74.00	-23.38	3	Vertical	281	1.19
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.08248G	53.24	68.20	-14.96	3	Vertical	1	1.09
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.4016G	43.03	54.00	-10.97	3	Horizontal	271	1.06
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.34048G	49.74	74.00	-24.26	3	Horizontal	271	1.06
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.0612G	53.14	68.20	-15.06	3	Horizontal	250	1.77
5775MHz	Pass	AV	5.1076G	48.70	54.00	-5.30	3	Vertical	340	3.00

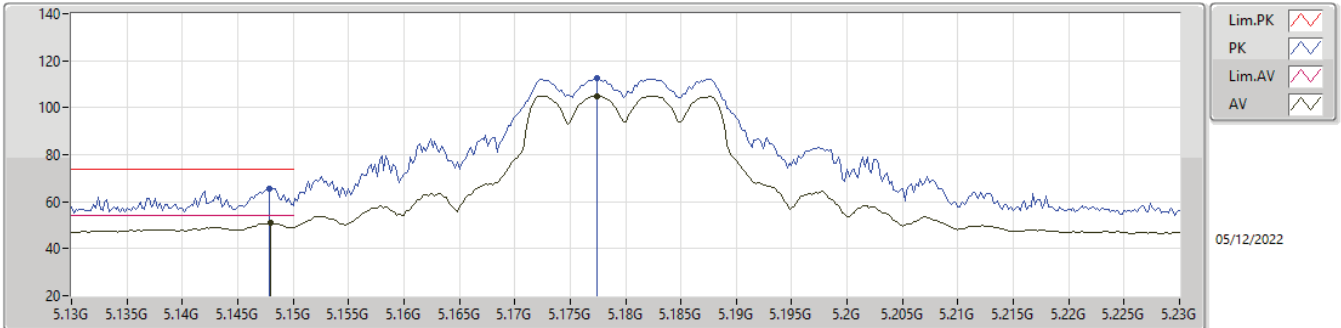


Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5775MHz	Pass	AV	5.1972G	105.92	Inf	-Inf	3	Vertical	340	3.00
5775MHz	Pass	PK	5.1416G	59.23	74.00	-14.77	3	Vertical	340	3.00
5775MHz	Pass	PK	5.1968G	112.78	Inf	-Inf	3	Vertical	340	3.00
5775MHz	Pass	AV	5.1072G	48.83	54.00	-5.17	3	Horizontal	331	2.48
5775MHz	Pass	AV	5.1972G	106.58	Inf	-Inf	3	Horizontal	331	2.48
5775MHz	Pass	PK	5.1424G	59.90	74.00	-14.10	3	Horizontal	331	2.48
5775MHz	Pass	PK	5.1972G	113.34	Inf	-Inf	3	Horizontal	331	2.48
5775MHz	Pass	AV	15.60534G	43.53	54.00	-10.47	3	Vertical	280	1.50
5775MHz	Pass	PK	10.39142G	53.43	68.20	-14.77	3	Vertical	302	1.50
5775MHz	Pass	PK	15.59586G	54.52	74.00	-19.48	3	Vertical	280	1.50
5775MHz	Pass	AV	15.58746G	43.68	54.00	-10.32	3	Horizontal	124	3.00
5775MHz	Pass	PK	10.3901G	53.33	68.20	-14.87	3	Horizontal	119	1.50
5775MHz	Pass	PK	15.59766G	55.39	74.00	-18.61	3	Horizontal	124	3.00



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

5180MHz_TX

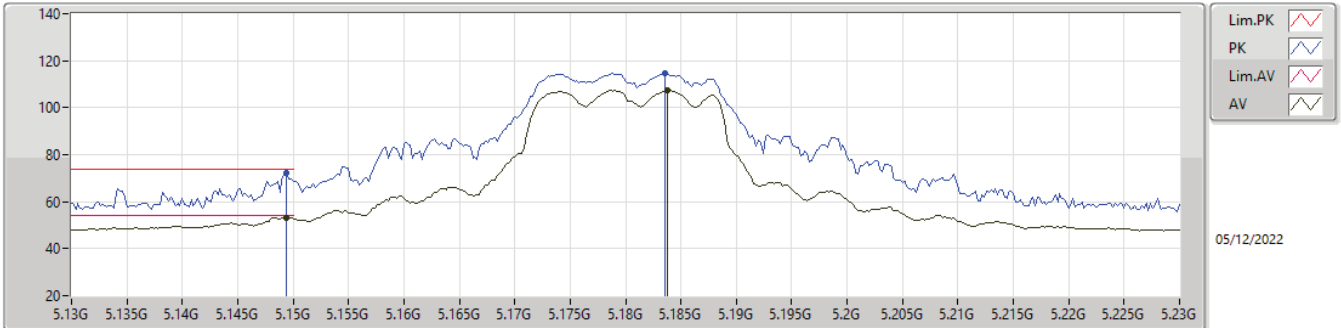


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.148G	50.85	54.00	-3.15	4.34	3	Vertical	340	2.98	46.51	33.10	5.86	34.62
AV	5.1774G	105.04	Inf	-Inf	4.41	3	Vertical	340	2.98	100.63	33.15	5.87	34.61
PK	5.1478G	65.74	74.00	-8.26	4.34	3	Vertical	340	2.98	61.40	33.10	5.86	34.62
PK	5.1774G	112.36	Inf	-Inf	4.41	3	Vertical	340	2.98	107.95	33.15	5.87	34.61



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

5180MHz_TX

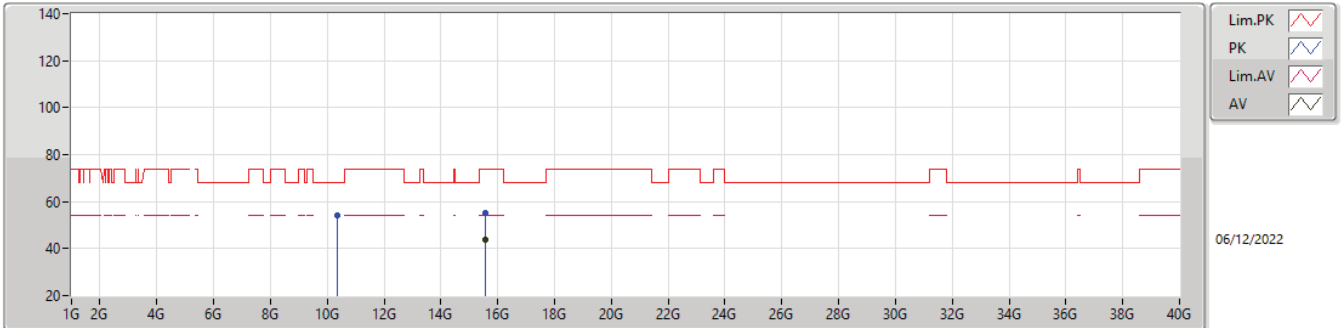


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1494G	53.26	54.00	-0.74	4.34	3	Horizontal	34	2.53	48.92	33.10	5.86	34.62
AV	5.1838G	107.43	Inf	-Inf	4.43	3	Horizontal	34	2.53	103.00	33.17	5.87	34.61
PK	5.1494G	72.13	74.00	-1.87	4.34	3	Horizontal	34	2.53	67.79	33.10	5.86	34.62
PK	5.1836G	114.63	Inf	-Inf	4.43	3	Horizontal	34	2.53	110.20	33.17	5.87	34.61



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

5180MHz_TX

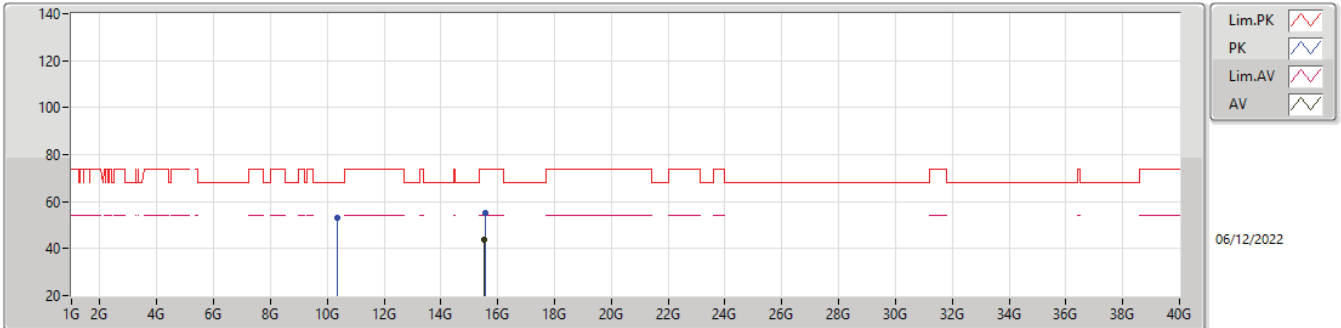


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.5484G	43.71	54.00	-10.29	13.19	3	Vertical	158	1.38	30.52	38.31	9.80	34.92
PK	10.35226G	54.03	68.20	-14.17	11.75	3	Vertical	243	1.50	42.28	38.60	8.02	34.87
PK	15.54552G	55.18	74.00	-18.82	13.22	3	Vertical	158	1.38	41.96	38.33	9.80	34.91



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

5180MHz_TX

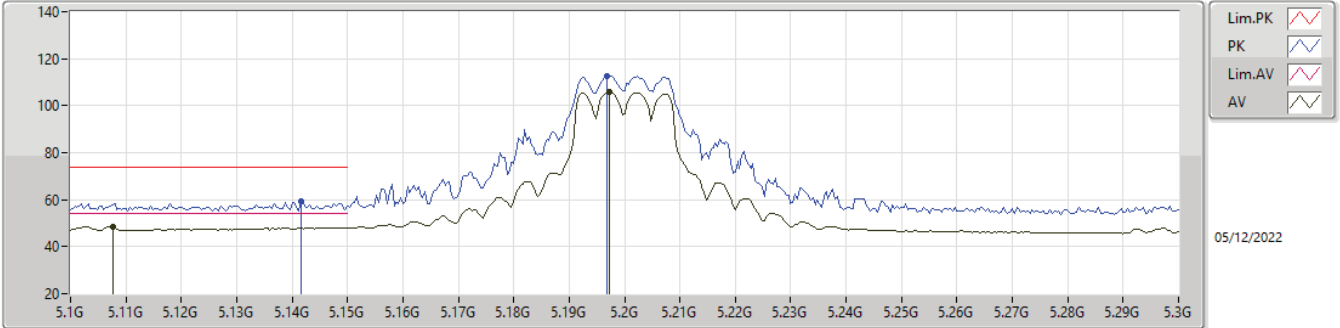


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.53376G	43.75	54.00	-10.25	13.29	3	Horizontal	324	1.56	30.46	38.40	9.79	34.90
PK	10.35802G	53.16	68.20	-15.04	11.74	3	Horizontal	81	2.05	41.42	38.58	8.02	34.86
PK	15.54636G	55.35	74.00	-18.65	13.21	3	Horizontal	324	1.56	42.14	38.32	9.80	34.91



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

5200MHz_TX

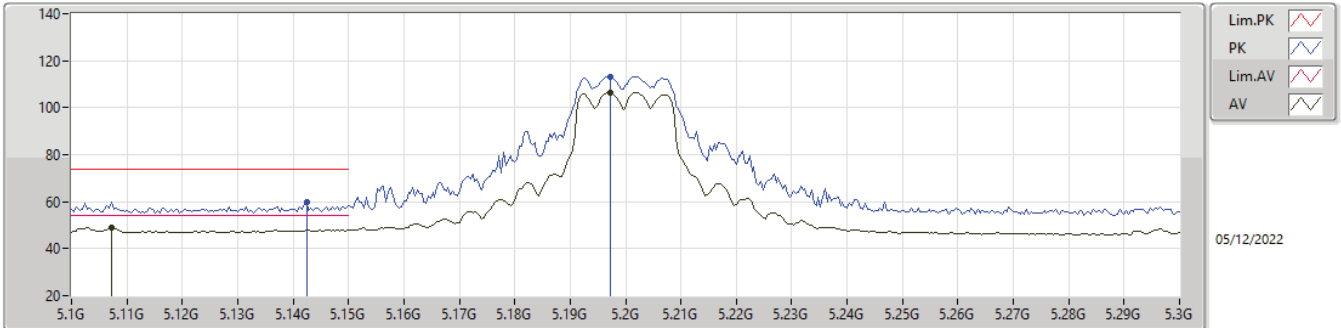


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1076G	48.70	54.00	-5.30	4.24	3	Vertical	340	3.00	44.46	33.02	5.84	34.62
AV	5.1972G	105.92	Inf	-Inf	4.46	3	Vertical	340	3.00	101.46	33.19	5.88	34.61
PK	5.1416G	59.23	74.00	-14.77	4.31	3	Vertical	340	3.00	54.92	33.08	5.85	34.62
PK	5.1968G	112.78	Inf	-Inf	4.46	3	Vertical	340	3.00	108.32	33.19	5.88	34.61



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

5200MHz_TX

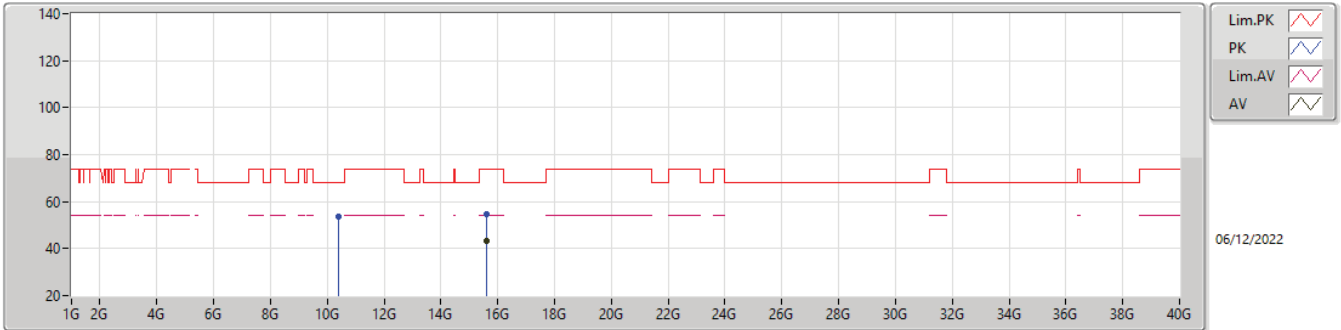


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1072G	48.83	54.00	-5.17	4.23	3	Horizontal	331	2.48	44.60	33.01	5.84	34.62
AV	5.1972G	106.58	Inf	-Inf	4.46	3	Horizontal	331	2.48	102.12	33.19	5.88	34.61
PK	5.1424G	59.90	74.00	-14.10	4.31	3	Horizontal	331	2.48	55.59	33.08	5.85	34.62
PK	5.1972G	113.34	Inf	-Inf	4.46	3	Horizontal	331	2.48	108.88	33.19	5.88	34.61



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

5200MHz_TX

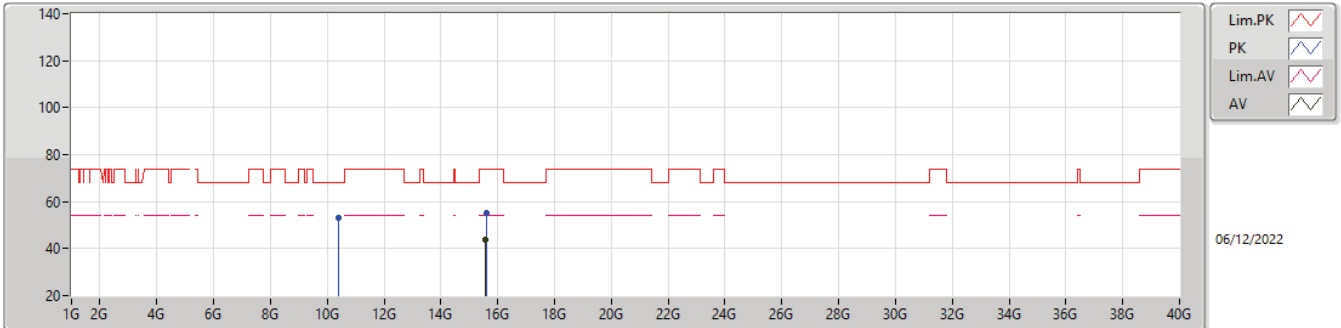


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.60534G	43.53	54.00	-10.47	12.87	3	Vertical	280	1.50	30.66	38.01	9.82	34.96
PK	10.39142G	53.43	68.20	-14.77	11.72	3	Vertical	302	1.50	41.71	38.52	8.03	34.83
PK	15.59586G	54.52	74.00	-19.48	12.88	3	Vertical	280	1.50	41.64	38.02	9.81	34.95



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

5200MHz_TX

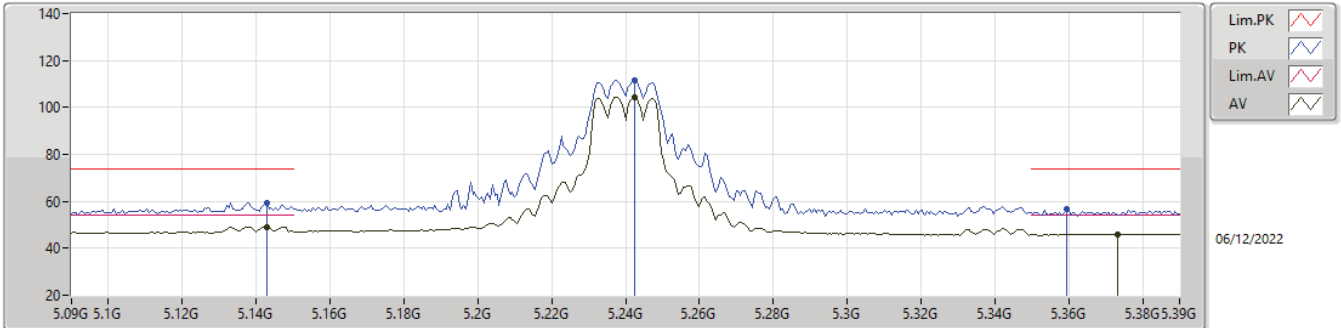


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.58746G	43.68	54.00	-10.32	12.95	3	Horizontal	124	3.00	30.73	38.08	9.81	34.94
PK	10.3901G	53.33	68.20	-14.87	11.72	3	Horizontal	119	1.50	41.61	38.52	8.03	34.83
PK	15.59766G	55.39	74.00	-18.61	12.87	3	Horizontal	124	3.00	42.52	38.01	9.81	34.95



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

5240MHz_TX

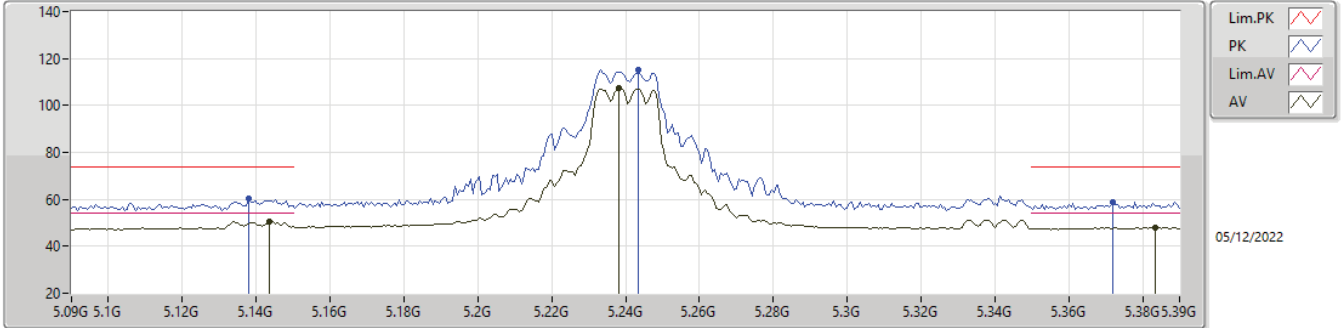


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1428G	49.15	54.00	-4.85	4.32	3	Vertical	338	2.83	44.83	33.09	5.85	34.62
AV	5.2424G	104.43	Inf	-Inf	4.42	3	Vertical	338	2.83	100.01	33.12	5.90	34.60
AV	5.3732G	46.11	54.00	-7.89	4.24	3	Vertical	338	2.83	41.87	32.84	5.98	34.58
PK	5.1428G	59.18	74.00	-14.82	4.32	3	Vertical	338	2.83	54.86	33.09	5.85	34.62
PK	5.2424G	111.33	Inf	-Inf	4.42	3	Vertical	338	2.83	106.91	33.12	5.90	34.60
PK	5.3594G	56.81	74.00	-17.19	4.15	3	Vertical	338	2.83	52.66	32.76	5.97	34.58



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

5240MHz_TX

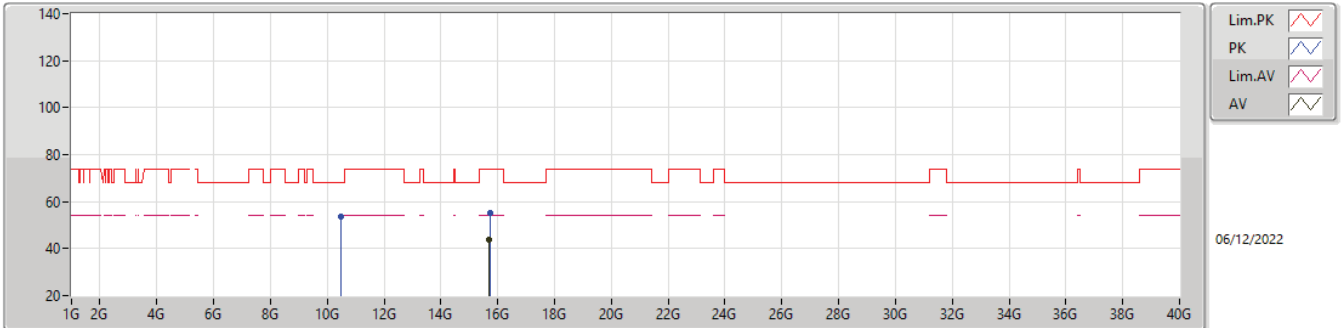


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1434G	50.51	54.00	-3.49	4.32	3	Horizontal	36	2.60	46.19	33.09	5.85	34.62
AV	5.2382G	107.19	Inf	-Inf	4.42	3	Horizontal	36	2.60	102.77	33.12	5.90	34.60
AV	5.3834G	48.13	54.00	-5.87	4.30	3	Horizontal	36	2.60	43.83	32.90	5.98	34.58
PK	5.138G	60.17	74.00	-13.83	4.31	3	Horizontal	36	2.60	55.86	33.08	5.85	34.62
PK	5.2436G	114.95	Inf	-Inf	4.41	3	Horizontal	36	2.60	110.54	33.11	5.90	34.60
PK	5.372G	58.76	74.00	-15.24	4.22	3	Horizontal	36	2.60	54.54	32.83	5.97	34.58



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

5240MHz_TX

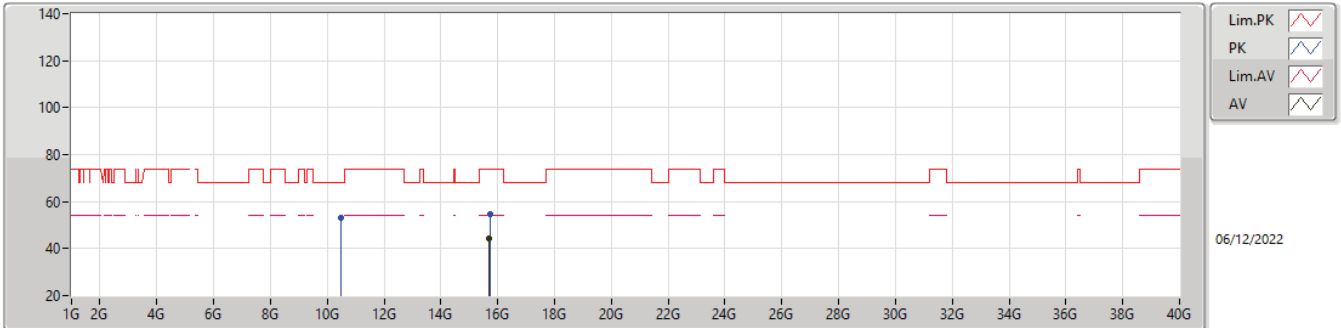


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.71322G	44.05	54.00	-9.95	12.90	3	Vertical	0	1.50	31.15	38.09	9.85	35.04
PK	10.48912G	53.62	68.20	-14.58	11.94	3	Vertical	25	1.50	41.68	38.59	8.08	34.73
PK	15.73104G	55.10	74.00	-18.90	12.88	3	Vertical	0	1.50	42.22	38.07	9.86	35.05



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

5240MHz_TX

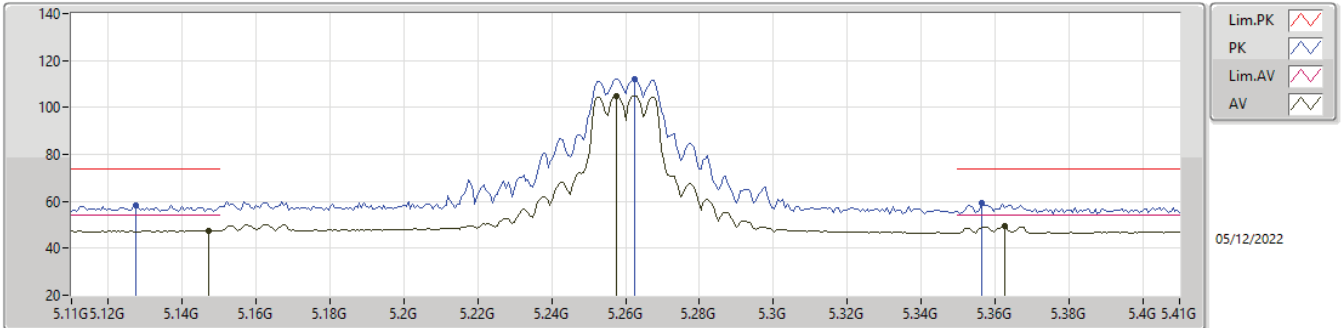


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.70626G	44.07	54.00	-9.93	12.91	3	Horizontal	7	1.77	31.16	38.09	9.85	35.03
PK	10.47388G	53.35	68.20	-14.85	11.89	3	Horizontal	354	1.94	41.46	38.57	8.07	34.75
PK	15.72642G	54.84	74.00	-19.16	12.87	3	Horizontal	7	1.77	41.97	38.07	9.85	35.05



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

5260MHz_TX

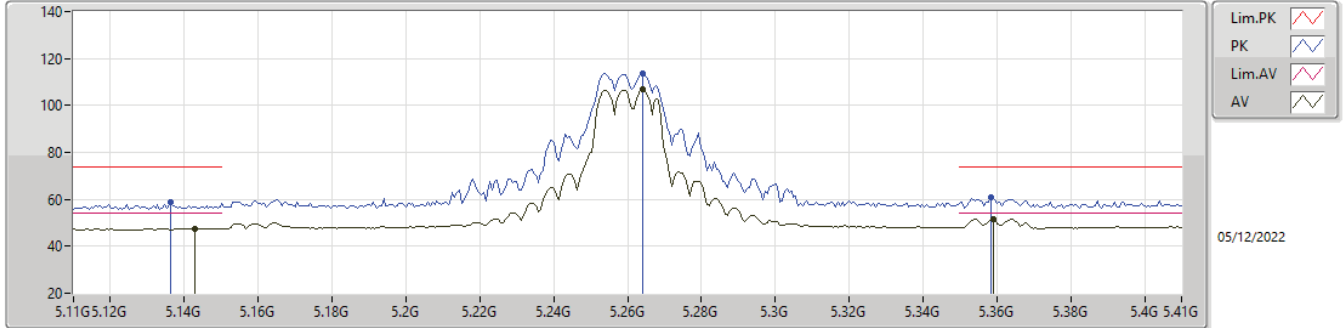


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1472G	47.65	54.00	-6.35	4.33	3	Vertical	338	2.89	43.32	33.09	5.86	34.62
AV	5.2576G	104.99	Inf	-Inf	4.38	3	Vertical	338	2.89	100.61	33.07	5.91	34.60
AV	5.3626G	49.30	54.00	-4.70	4.17	3	Vertical	338	2.89	45.13	32.78	5.97	34.58
PK	5.1274G	58.35	74.00	-15.65	4.28	3	Vertical	338	2.89	54.07	33.05	5.85	34.62
PK	5.2624G	111.90	Inf	-Inf	4.36	3	Vertical	338	2.89	107.54	33.05	5.91	34.60
PK	5.3566G	59.07	74.00	-14.93	4.13	3	Vertical	338	2.89	54.94	32.74	5.97	34.58



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

5260MHz_TX

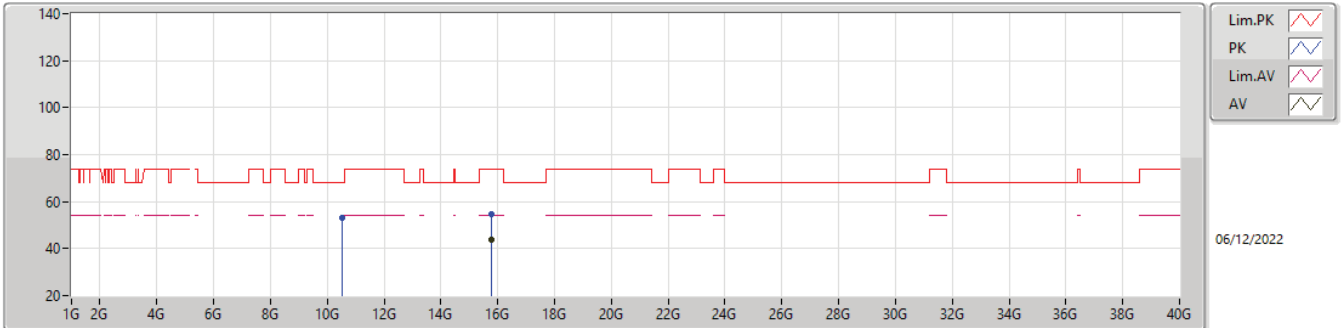


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.143G	47.48	54.00	-6.52	4.32	3	Horizontal	306	1.74	43.16	33.09	5.85	34.62
AV	5.2642G	106.69	Inf	-Inf	4.36	3	Horizontal	306	1.74	102.33	33.04	5.92	34.60
AV	5.359G	51.71	54.00	-2.29	4.14	3	Horizontal	306	1.74	47.57	32.75	5.97	34.58
PK	5.1364G	58.75	74.00	-15.25	4.30	3	Horizontal	306	1.74	54.45	33.07	5.85	34.62
PK	5.2642G	113.49	Inf	-Inf	4.36	3	Horizontal	306	1.74	109.13	33.04	5.92	34.60
PK	5.3584G	60.72	74.00	-13.28	4.14	3	Horizontal	306	1.74	56.58	32.75	5.97	34.58



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

5260MHz_TX

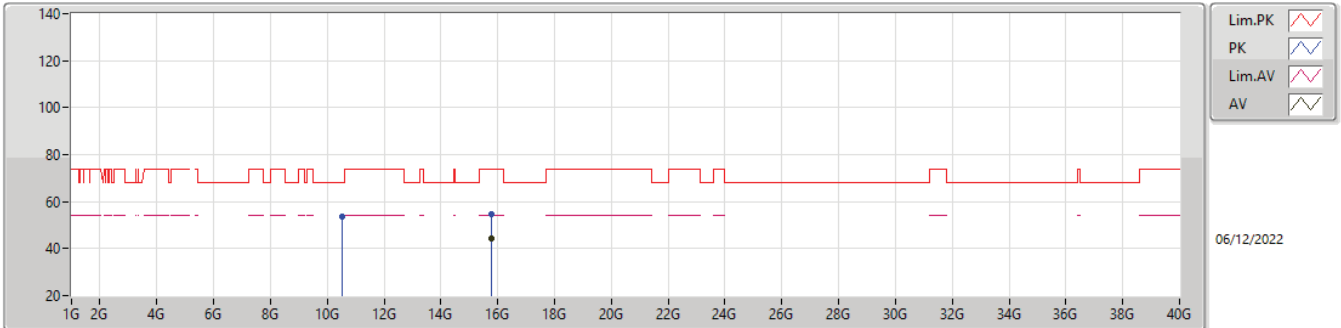


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.76668G	43.93	54.00	-10.07	12.82	3	Vertical	235	1.50	31.11	38.03	9.87	35.08
PK	10.52564G	53.36	68.20	-14.84	12.06	3	Vertical	360	1.50	41.30	38.68	8.09	34.71
PK	15.78432G	54.76	74.00	-19.24	12.80	3	Vertical	235	1.50	41.96	38.02	9.87	35.09



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

5260MHz_TX



Legend for the spectrum plot:

- Lim.PK (Red line with triangles)
- PK (Blue line with triangles)
- Lim.AV (Red line with squares)
- AV (Blue line with squares)

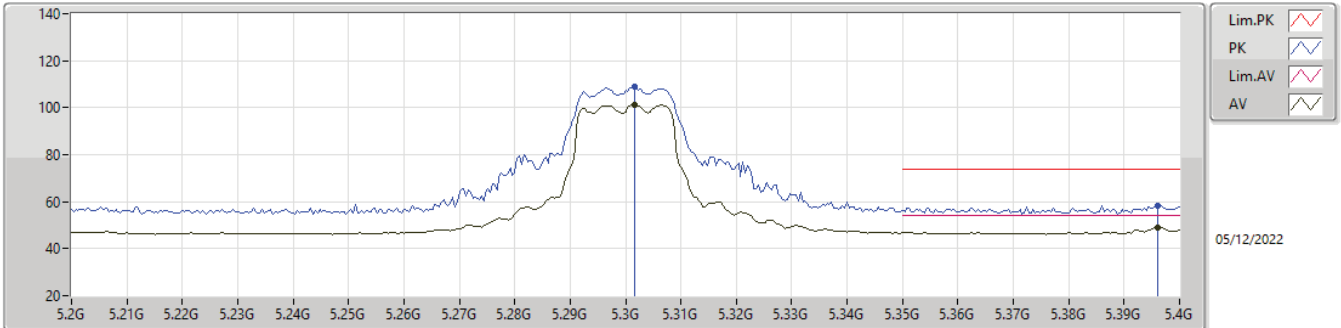
06/12/2022

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.7677G	44.06	54.00	-9.94	12.82	3	Horizontal	360	1.50	31.24	38.03	9.87	35.08
PK	10.52186G	53.71	68.20	-14.49	12.05	3	Horizontal	107	1.00	41.66	38.67	8.09	34.71
PK	15.79074G	54.62	74.00	-19.38	12.78	3	Horizontal	360	1.50	41.84	38.01	9.87	35.10



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

5300MHz_TX

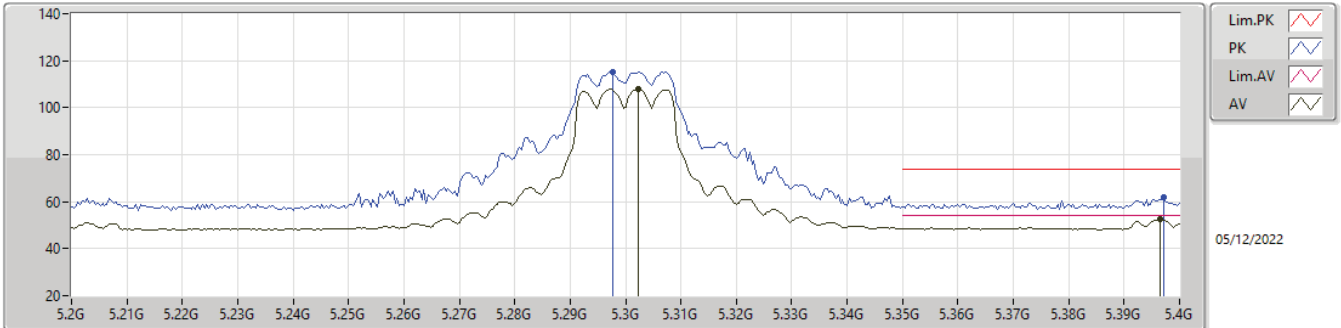


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3016G	101.20	Inf	-Inf	4.24	3	Vertical	48	1.83	96.96	32.89	5.94	34.59
AV	5.396G	48.93	54.00	-5.07	4.39	3	Vertical	48	1.83	44.54	32.98	5.99	34.58
PK	5.3016G	108.93	Inf	-Inf	4.24	3	Vertical	48	1.83	104.69	32.89	5.94	34.59
PK	5.396G	58.47	74.00	-15.53	4.39	3	Vertical	48	1.83	54.08	32.98	5.99	34.58



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

5300MHz_TX

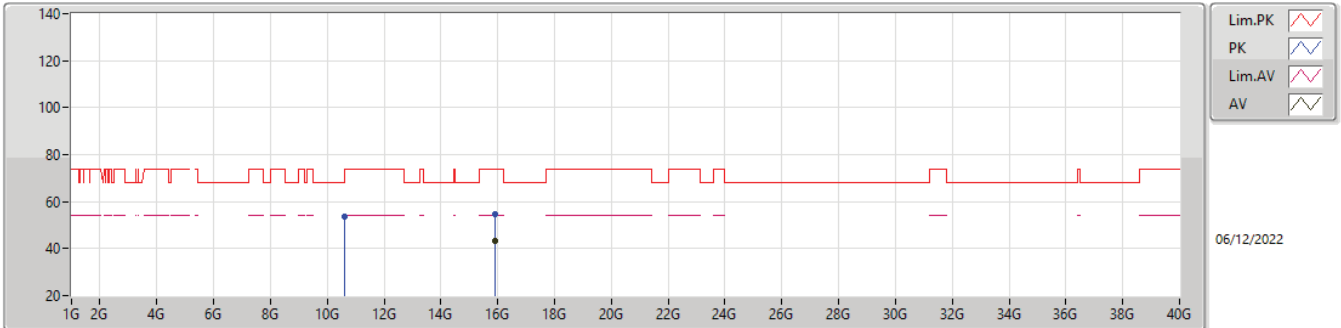


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3024G	107.92	Inf	-Inf	4.24	3	Horizontal	38	2.36	103.68	32.89	5.94	34.59
AV	5.3964G	52.60	54.00	-1.40	4.39	3	Horizontal	38	2.36	48.21	32.98	5.99	34.58
PK	5.2976G	115.23	Inf	-Inf	4.25	3	Horizontal	38	2.36	110.98	32.91	5.93	34.59
PK	5.3972G	61.79	74.00	-12.21	4.39	3	Horizontal	38	2.36	57.40	32.98	5.99	34.58



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

5300MHz_TX

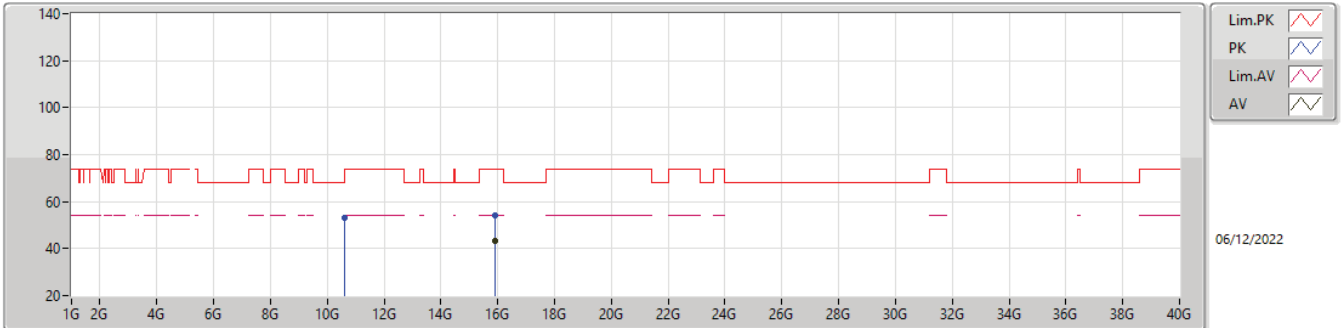


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.9069G	43.50	54.00	-10.50	12.33	3	Vertical	64	1.50	31.17	37.60	9.91	35.18
PK	10.61182G	53.45	74.00	-20.55	12.36	3	Vertical	176	1.53	41.09	38.92	8.13	34.69
PK	15.88704G	54.79	74.00	-19.21	12.38	3	Vertical	64	1.50	42.41	37.65	9.90	35.17



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

5300MHz_TX

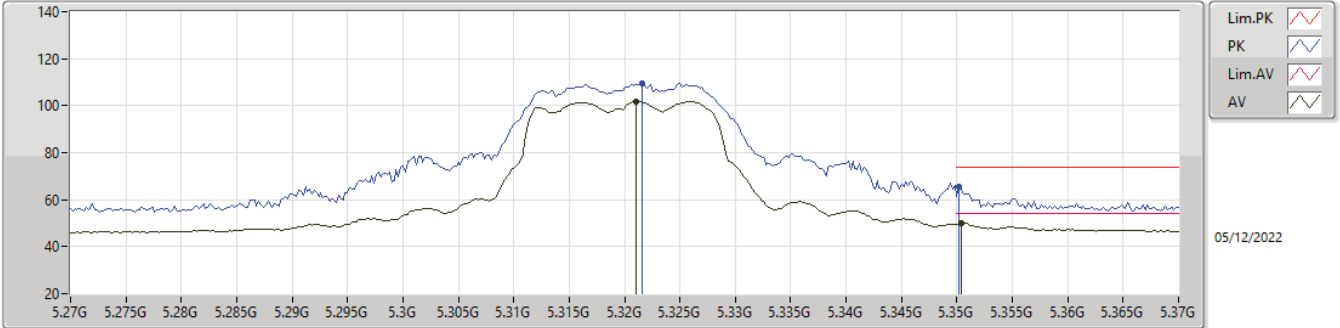


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.89898G	43.46	54.00	-10.54	12.33	3	Horizontal	258	1.50	31.13	37.60	9.91	35.18
PK	10.59886G	53.22	68.20	-14.98	12.33	3	Horizontal	0	2.52	40.89	38.90	8.12	34.69
PK	15.9012G	54.11	74.00	-19.89	12.33	3	Horizontal	258	1.50	41.78	37.60	9.91	35.18



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

5320MHz_TX

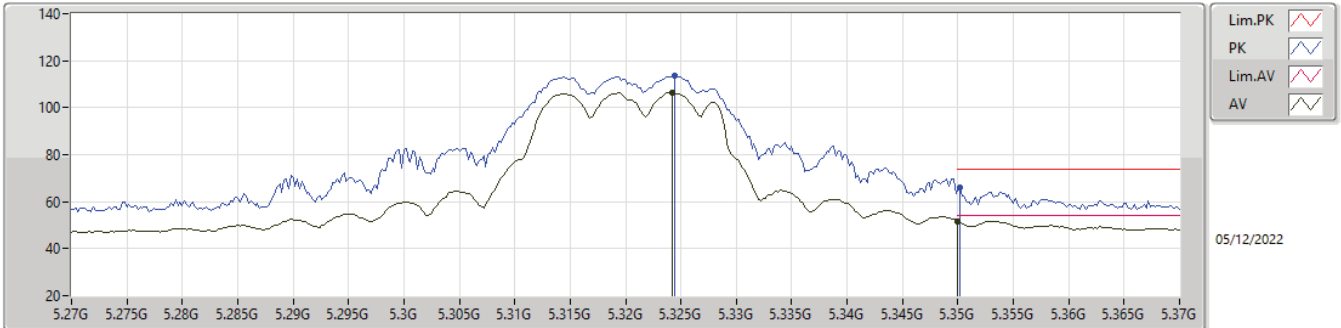


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.321G	101.60	Inf	-Inf	4.18	3	Vertical	48	1.69	97.42	32.82	5.95	34.59
AV	5.3504G	49.93	54.00	-4.07	4.08	3	Vertical	48	1.69	45.85	32.70	5.96	34.58
PK	5.3216G	109.27	Inf	-Inf	4.17	3	Vertical	48	1.69	105.10	32.81	5.95	34.59
PK	5.3502G	65.48	74.00	-8.52	4.08	3	Vertical	48	1.69	61.40	32.70	5.96	34.58



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

5320MHz_TX

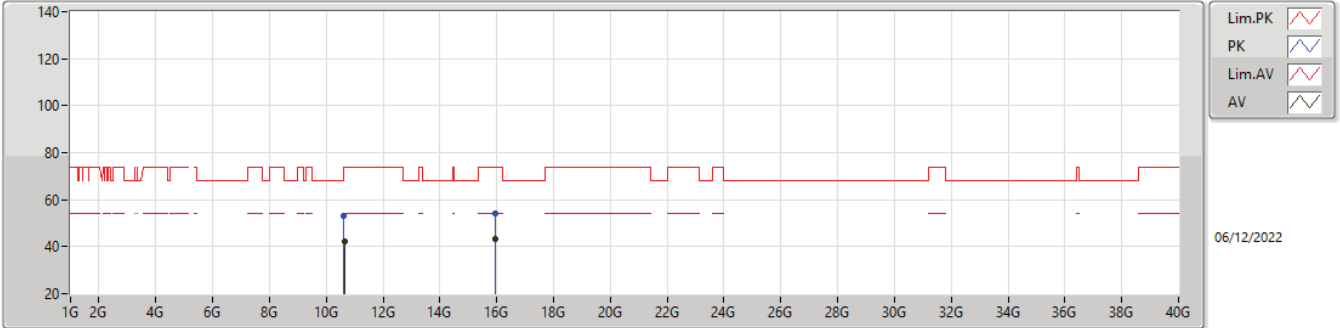


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3242G	106.48	Inf	-Inf	4.16	3	Horizontal	306	1.84	102.32	32.80	5.95	34.59
AV	5.35G	51.80	54.00	-2.20	4.08	3	Horizontal	306	1.84	47.72	32.70	5.96	34.58
PK	5.3244G	113.49	Inf	-Inf	4.16	3	Horizontal	306	1.84	109.33	32.80	5.95	34.59
PK	5.3502G	65.94	74.00	-8.06	4.08	3	Horizontal	306	1.84	61.86	32.70	5.96	34.58



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

5320MHz_TX

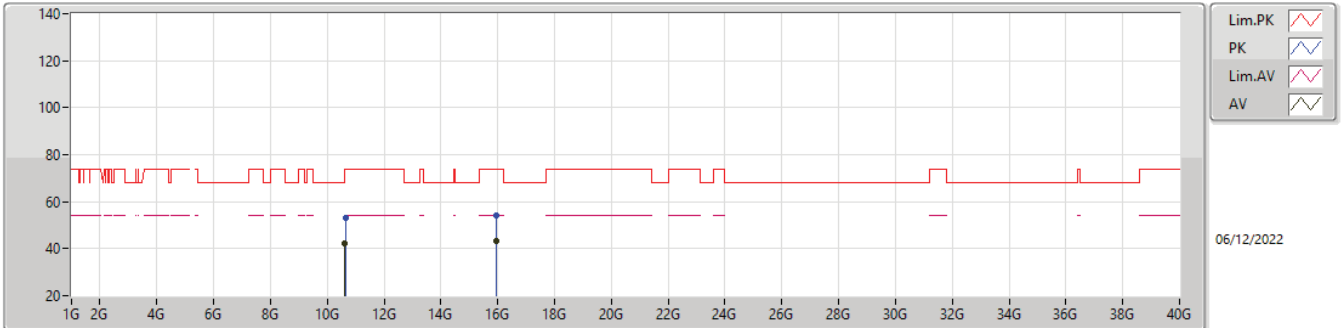


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.6505G	42.24	54.00	-11.76	12.46	3	Vertical	127	1.50	29.78	39.00	8.14	34.68
AV	15.96168G	43.33	54.00	-10.67	12.31	3	Vertical	344	2.70	31.02	37.60	9.93	35.22
PK	10.631G	53.04	74.00	-20.96	12.42	3	Vertical	127	1.50	40.62	38.96	8.14	34.68
PK	15.969G	53.95	74.00	-20.05	12.30	3	Vertical	344	2.70	41.65	37.60	9.93	35.23



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

5320MHz_TX

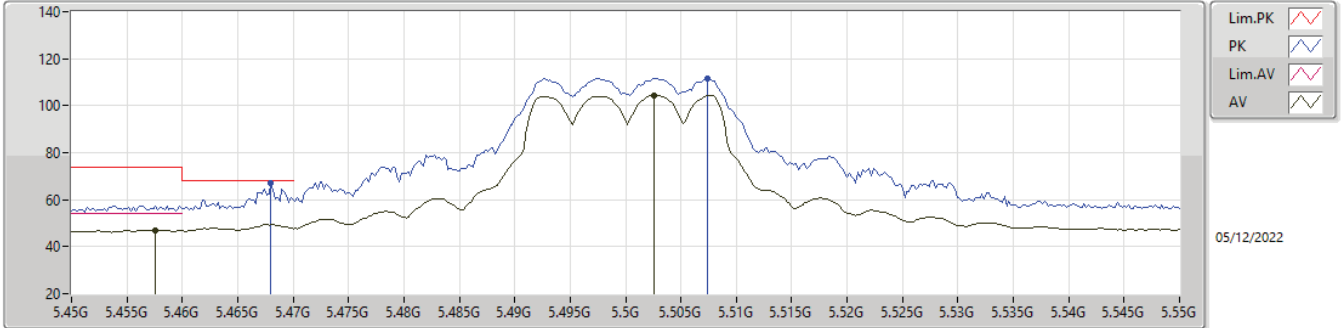


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.63184G	42.47	54.00	-11.53	12.42	3	Horizontal	11	1.94	30.05	38.96	8.14	34.68
AV	15.9615G	43.34	54.00	-10.66	12.31	3	Horizontal	97	2.36	31.03	37.60	9.93	35.22
PK	10.64234G	53.10	74.00	-20.90	12.44	3	Horizontal	11	1.94	40.66	38.98	8.14	34.68
PK	15.9462G	54.02	74.00	-19.98	12.31	3	Horizontal	97	2.36	41.71	37.60	9.92	35.21



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

5500MHz_TX

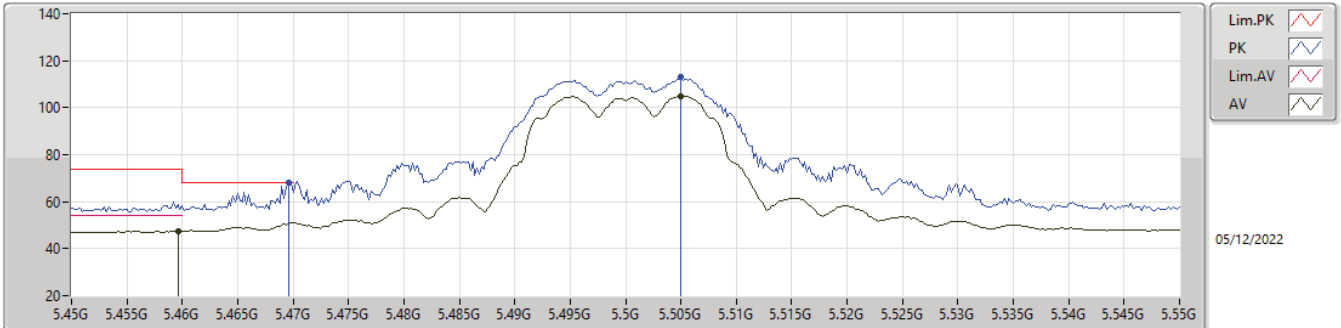


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4576G	47.03	54.00	-6.97	4.26	3	Vertical	34	3.00	42.77	32.82	6.01	34.57
AV	5.5026G	104.32	Inf	-Inf	4.38	3	Vertical	34	3.00	99.94	32.91	6.03	34.56
PK	5.468G	67.08	68.20	-1.12	4.28	3	Vertical	34	3.00	62.80	32.84	6.01	34.57
PK	5.5074G	111.53	Inf	-Inf	4.38	3	Vertical	34	3.00	107.15	32.91	6.03	34.56



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

5500MHz_TX

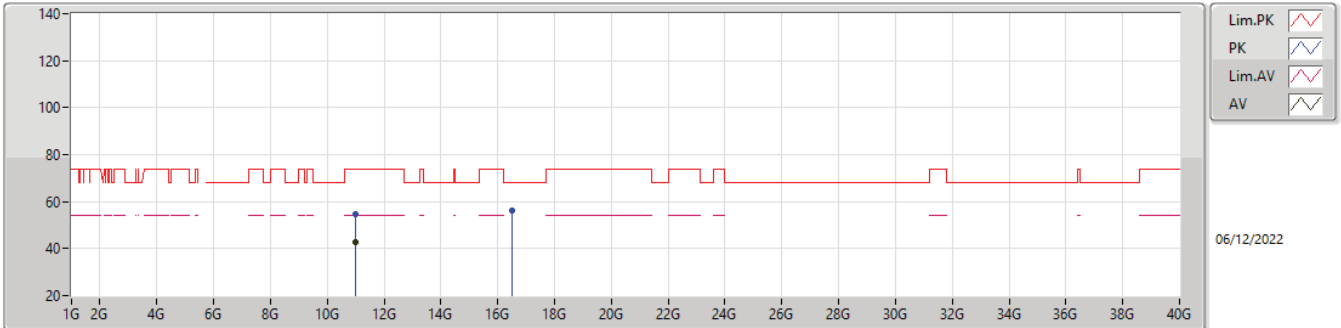


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4596G	47.50	54.00	-6.50	4.26	3	Horizontal	324	1.45	43.24	32.82	6.01	34.57
AV	5.505G	104.96	Inf	-Inf	4.38	3	Horizontal	324	1.45	100.58	32.91	6.03	34.56
PK	5.4696G	67.85	68.20	-0.35	4.29	3	Horizontal	324	1.45	63.56	32.84	6.01	34.56
PK	5.505G	113.11	Inf	-Inf	4.38	3	Horizontal	324	1.45	108.73	32.91	6.03	34.56



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

5500MHz_TX

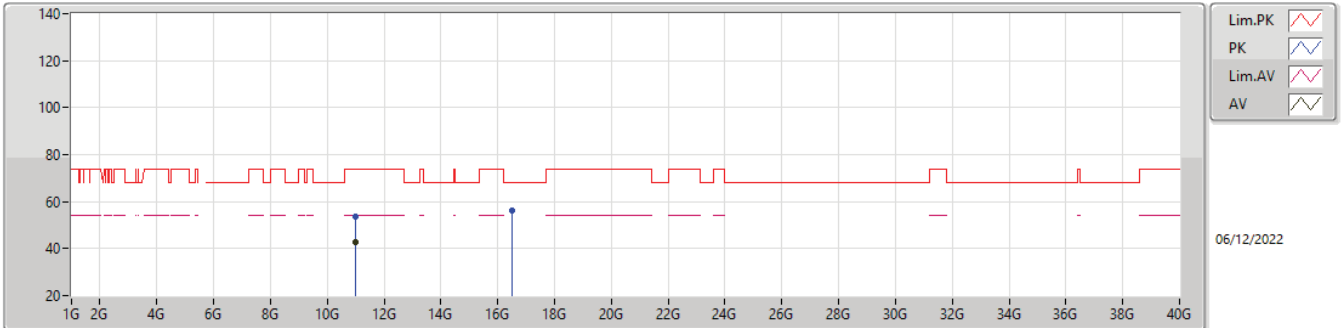


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.00132G	42.63	54.00	-11.37	12.41	3	Vertical	342	1.50	30.22	38.70	8.29	34.58
PK	11.00354G	54.46	74.00	-19.54	12.41	3	Vertical	342	1.50	42.05	38.70	8.29	34.58
PK	16.51218G	56.22	68.20	-11.98	13.97	3	Vertical	106	1.50	42.25	38.65	10.06	34.74



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

5500MHz_TX

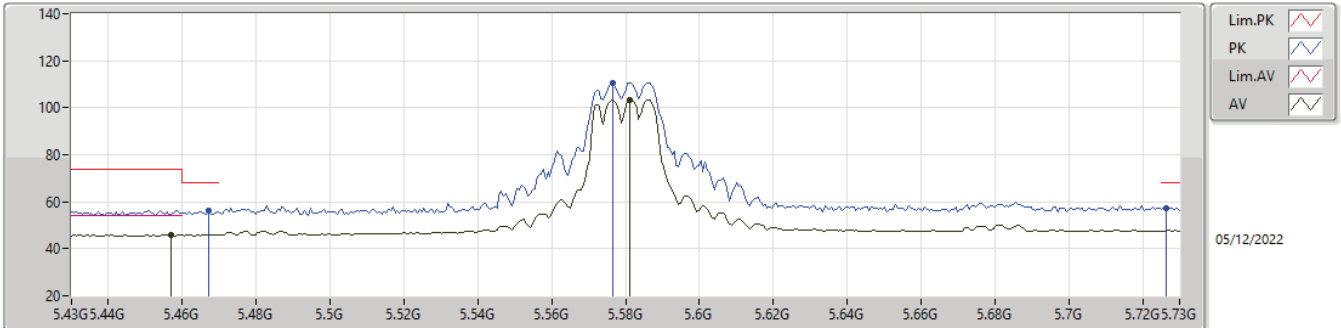


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.9898G	42.68	54.00	-11.32	12.43	3	Horizontal	283	2.66	30.25	38.72	8.29	34.58
PK	11.00324G	53.46	74.00	-20.54	12.41	3	Horizontal	283	2.66	41.05	38.70	8.29	34.58
PK	16.48602G	56.33	68.20	-11.87	13.88	3	Horizontal	201	1.50	42.45	38.60	10.05	34.77



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

5580MHz_TX

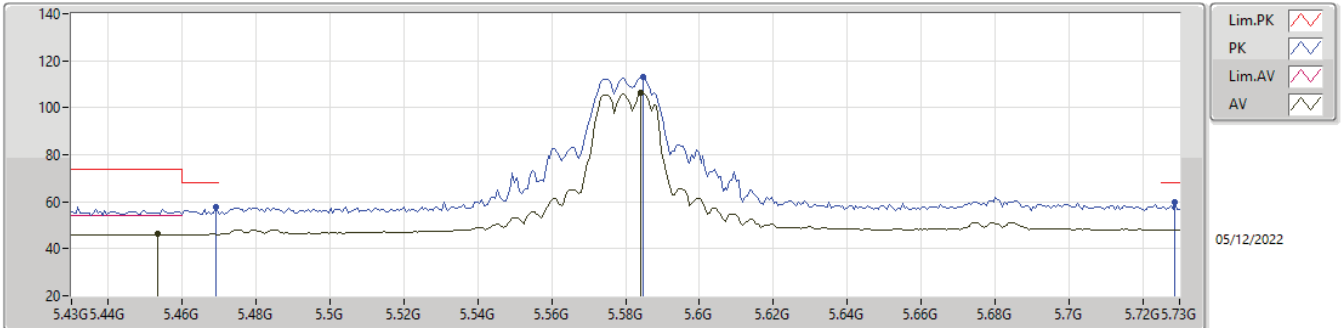


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.457G	45.89	54.00	-8.11	4.25	3	Vertical	33	2.58	41.64	32.81	6.01	34.57
AV	5.5812G	103.41	Inf	-Inf	4.50	3	Vertical	33	2.58	98.91	33.00	6.05	34.55
PK	5.4672G	56.06	68.20	-12.14	4.27	3	Vertical	33	2.58	51.79	32.83	6.01	34.57
PK	5.5764G	110.70	Inf	-Inf	4.50	3	Vertical	33	2.58	106.20	33.00	6.05	34.55
PK	5.7264G	57.23	68.20	-10.97	5.12	3	Vertical	33	2.58	52.11	33.51	6.15	34.54



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

5580MHz_TX

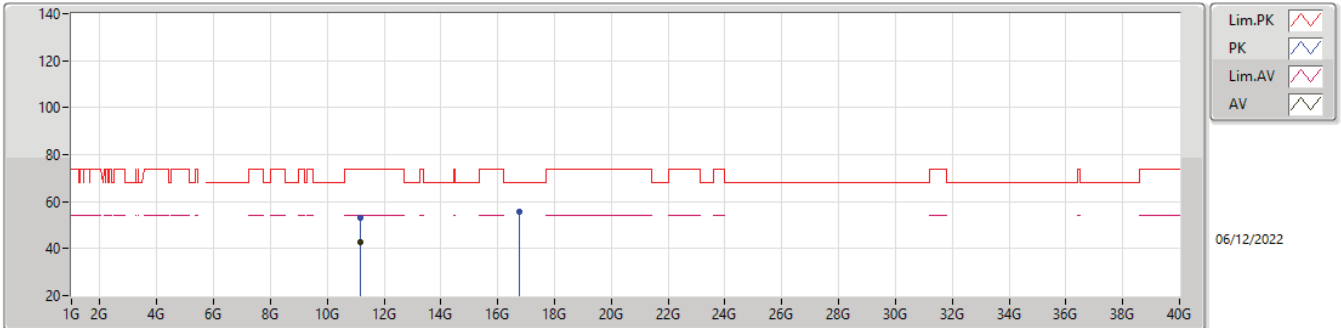


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4534G	46.15	54.00	-7.85	4.25	3	Horizontal	334	1.76	41.90	32.81	6.01	34.57
AV	5.5842G	106.39	Inf	-Inf	4.50	3	Horizontal	334	1.76	101.89	33.00	6.05	34.55
PK	5.469G	57.78	68.20	-10.42	4.29	3	Horizontal	334	1.76	53.49	32.84	6.01	34.56
PK	5.5848G	112.91	Inf	-Inf	4.50	3	Horizontal	334	1.76	108.41	33.00	6.05	34.55
PK	5.7288G	59.72	68.20	-8.48	5.13	3	Horizontal	334	1.76	54.59	33.52	6.15	34.54



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

5580MHz_TX

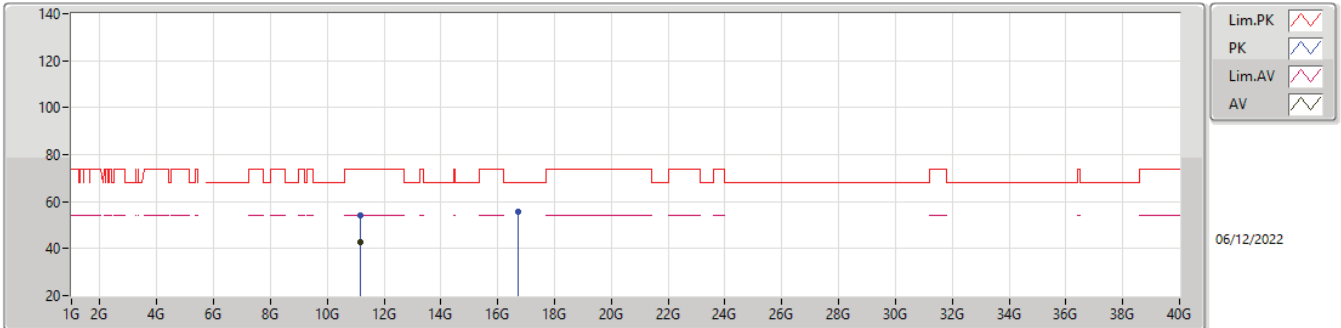


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.1642G	42.73	54.00	-11.27	12.44	3	Vertical	32	1.50	30.29	38.66	8.36	34.58
PK	11.17056G	53.21	74.00	-20.79	12.45	3	Vertical	32	1.50	40.76	38.67	8.36	34.58
PK	16.74474G	55.81	68.20	-12.39	13.86	3	Vertical	214	3.00	41.95	38.19	10.12	34.45



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

5580MHz_TX

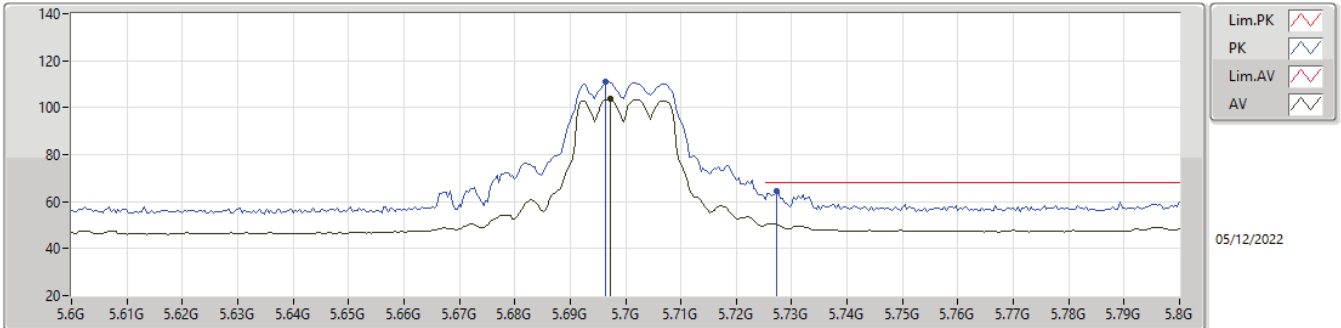


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.16474G	42.59	54.00	-11.41	12.44	3	Horizontal	329	2.09	30.15	38.66	8.36	34.58
PK	11.14674G	54.27	74.00	-19.73	12.42	3	Horizontal	329	2.09	41.85	38.65	8.35	34.58
PK	16.73364G	55.85	68.20	-12.35	13.82	3	Horizontal	210	1.50	42.03	38.17	10.11	34.46



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

5700MHz_TX

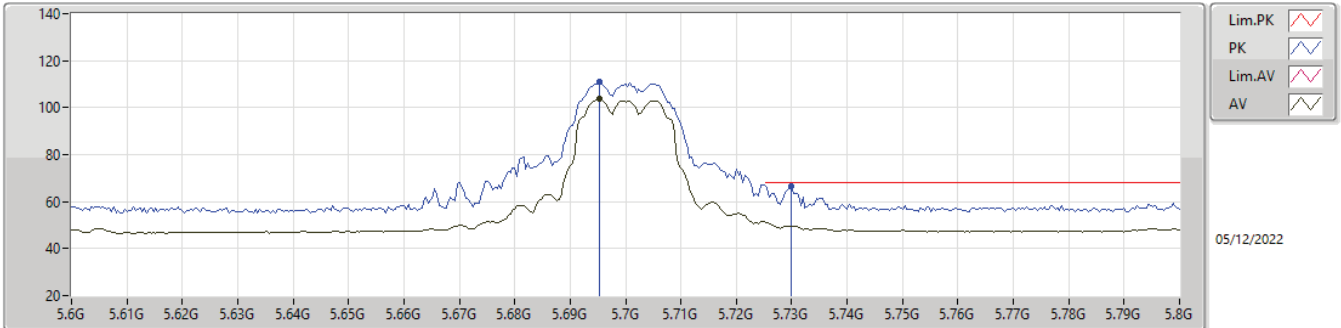


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6972G	103.56	Inf	-Inf	4.97	3	Vertical	36	2.93	98.59	33.38	6.13	34.54
PK	5.6964G	110.94	Inf	-Inf	4.96	3	Vertical	36	2.93	105.98	33.37	6.13	34.54
PK	5.7272G	64.62	68.20	-3.58	5.12	3	Vertical	36	2.93	59.50	33.51	6.15	34.54



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

5700MHz_TX

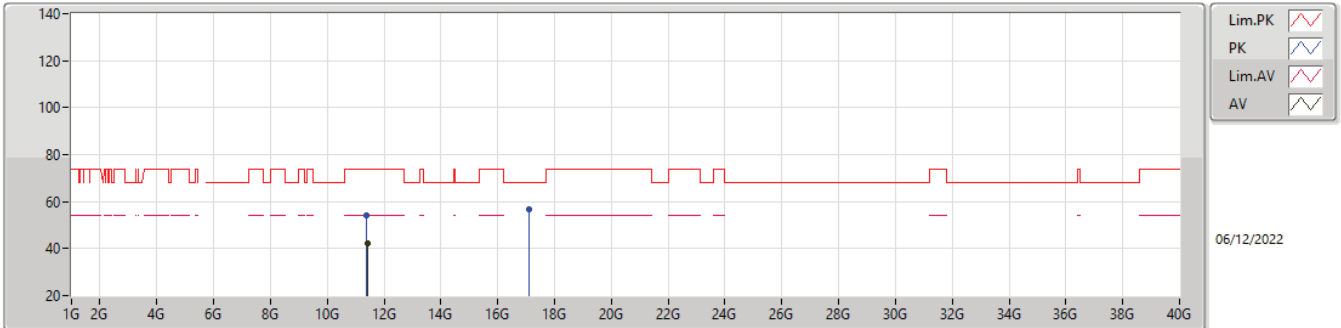


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6952G	103.80	Inf	-Inf	4.95	3	Horizontal	332	1.73	98.85	33.36	6.13	34.54
PK	5.6952G	110.86	Inf	-Inf	4.95	3	Horizontal	332	1.73	105.91	33.36	6.13	34.54
PK	5.73G	66.63	68.20	-1.57	5.13	3	Horizontal	332	1.73	61.50	33.52	6.15	34.54



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

5700MHz_TX

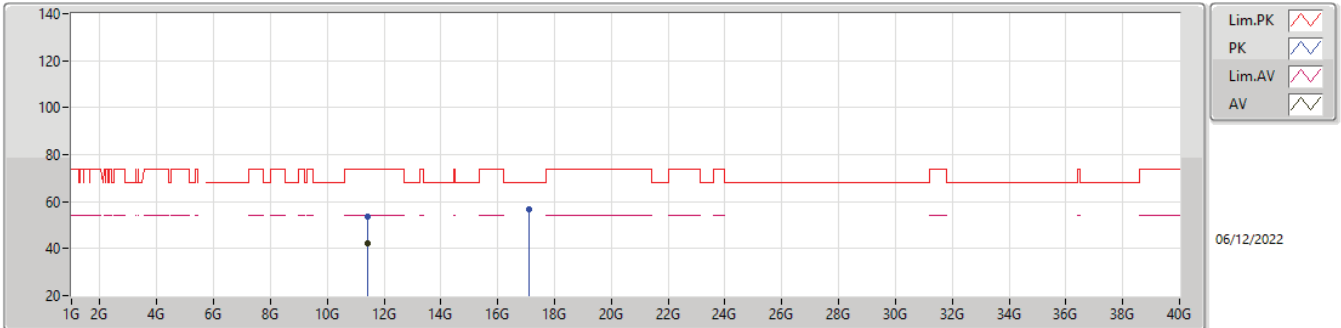


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.40876G	42.28	54.00	-11.72	12.77	3	Vertical	111	3.00	29.51	38.88	8.46	34.57
PK	11.38794G	54.00	74.00	-20.00	12.78	3	Vertical	111	3.00	41.22	38.90	8.45	34.57
PK	17.09952G	56.63	68.20	-11.57	14.02	3	Vertical	356	1.50	42.61	38.00	10.20	34.18



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

5700MHz_TX

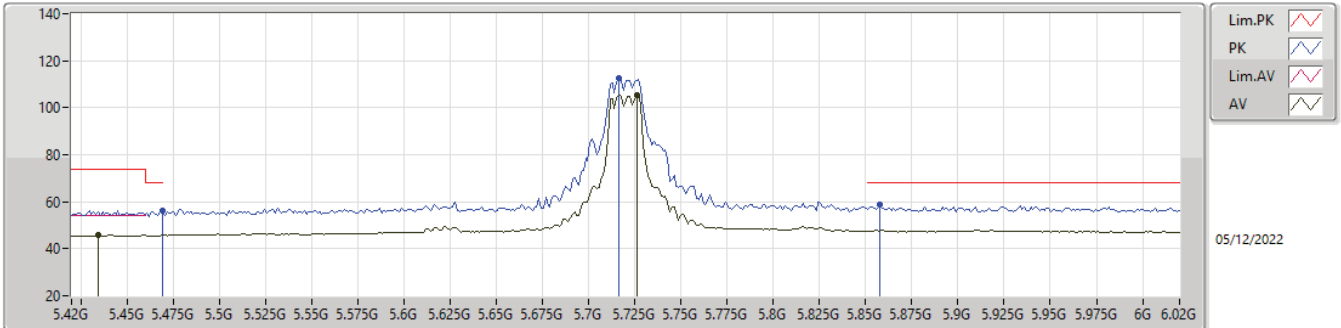


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.41248G	42.38	54.00	-11.62	12.77	3	Horizontal	64	2.81	29.61	38.88	8.46	34.57
PK	11.41008G	53.39	74.00	-20.61	12.77	3	Horizontal	64	2.81	40.62	38.88	8.46	34.57
PK	17.08596G	56.78	68.20	-11.42	14.03	3	Horizontal	214	1.50	42.75	38.00	10.20	34.17



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

5720MHz Straddle 5.47-5.725GHz_TX

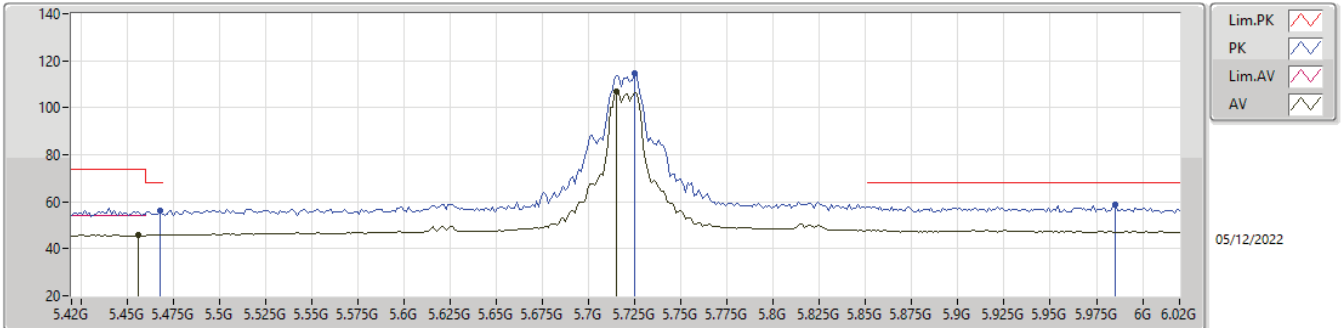


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4344G	45.75	54.00	-8.25	4.29	3	Vertical	38	3.00	41.46	32.86	6.00	34.57
AV	5.726G	105.24	Inf	-Inf	5.11	3	Vertical	38	3.00	100.13	33.50	6.15	34.54
PK	5.4692G	55.98	68.20	-12.22	4.29	3	Vertical	38	3.00	51.69	32.84	6.01	34.56
PK	5.7164G	112.56	Inf	-Inf	5.07	3	Vertical	38	3.00	107.49	33.47	6.14	34.54
PK	5.858G	58.90	68.20	-9.30	5.83	3	Vertical	38	3.00	53.07	34.13	6.23	34.53



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

5720MHz Straddle 5.47-5.725GHz_TX

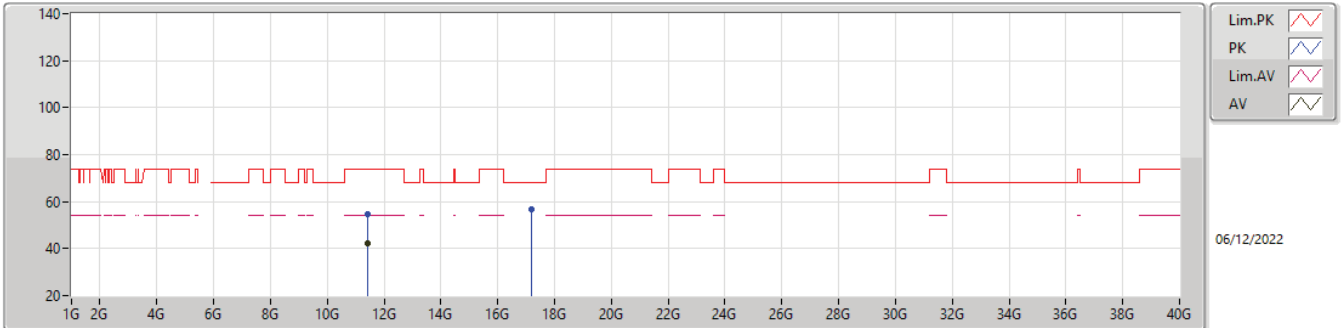


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.456G	45.96	54.00	-8.04	4.25	3	Horizontal	316	1.00	41.71	32.81	6.01	34.57
AV	5.7152G	106.69	Inf	-Inf	5.06	3	Horizontal	316	1.00	101.63	33.46	6.14	34.54
PK	5.468G	55.95	68.20	-12.25	4.28	3	Horizontal	316	1.00	51.67	32.84	6.01	34.57
PK	5.7248G	114.48	Inf	-Inf	5.11	3	Horizontal	316	1.00	109.37	33.50	6.15	34.54
PK	5.9852G	58.72	68.20	-9.48	6.00	3	Horizontal	316	1.00	52.72	34.23	6.29	34.52



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

5720MHz Straddle 5.47-5.725GHz_TX

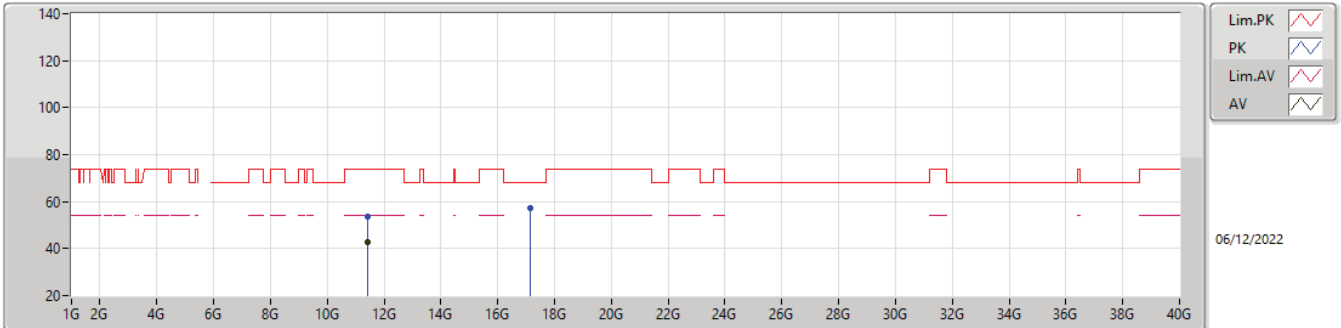


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.43394G	42.48	54.00	-11.52	12.73	3	Vertical	306	2.07	29.75	38.83	8.47	34.57
PK	11.44204G	54.82	74.00	-19.18	12.73	3	Vertical	306	2.07	42.09	38.82	8.48	34.57
PK	17.1708G	56.76	68.20	-11.44	14.21	3	Vertical	116	1.50	42.55	38.21	10.22	34.22



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

5720MHz Straddle 5.47-5.725GHz_TX

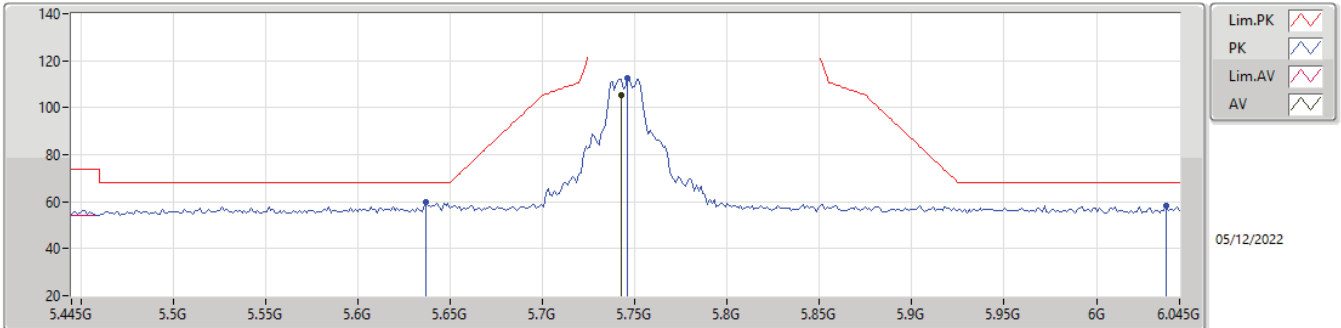


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.44216G	42.80	54.00	-11.20	12.73	3	Horizontal	8	2.45	30.07	38.82	8.48	34.57
PK	11.44156G	53.68	74.00	-20.32	12.73	3	Horizontal	8	2.45	40.95	38.82	8.48	34.57
PK	17.15634G	57.06	68.20	-11.14	14.17	3	Horizontal	44	1.50	42.89	38.17	10.21	34.21



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

5745MHz_TX

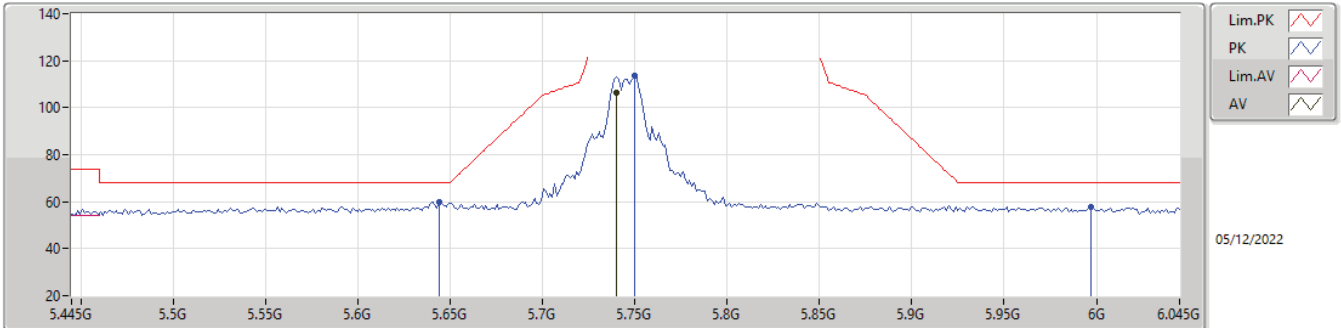


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7426G	105.31	Inf	-Inf	5.19	3	Vertical	34	3.00	100.12	33.57	6.16	34.54
PK	5.637G	59.78	68.20	-8.42	4.54	3	Vertical	34	3.00	55.24	33.00	6.09	34.55
PK	5.7462G	112.57	Inf	-Inf	5.20	3	Vertical	34	3.00	107.37	33.58	6.16	34.54
PK	6.0378G	58.39	68.20	-9.81	5.84	3	Vertical	34	3.00	52.55	34.05	6.31	34.52



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

5745MHz_TX



Legend for the spectrum plot:

- Lim.PK (Red line with square markers)
- PK (Blue line with square markers)
- Lim.AV (Red line with triangle markers)
- AV (Blue line with triangle markers)

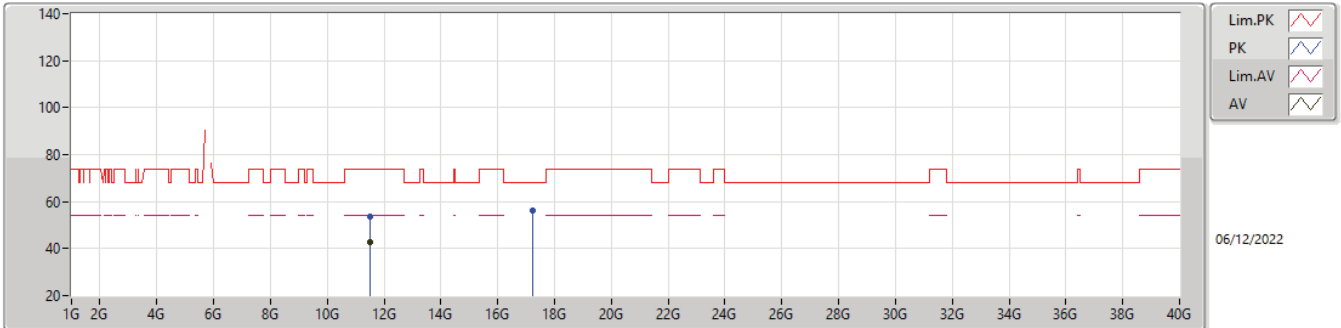
05/12/2022

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7402G	106.22	Inf	-Inf	5.18	3	Horizontal	317	1.00	101.04	33.56	6.16	34.54
PK	5.6442G	59.69	68.20	-8.51	4.54	3	Horizontal	317	1.00	55.15	33.00	6.09	34.55
PK	5.7498G	113.61	Inf	-Inf	5.22	3	Horizontal	317	1.00	108.39	33.60	6.16	34.54
PK	5.997G	57.67	68.20	-10.53	5.99	3	Horizontal	317	1.00	51.68	34.21	6.30	34.52



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

5745MHz_TX

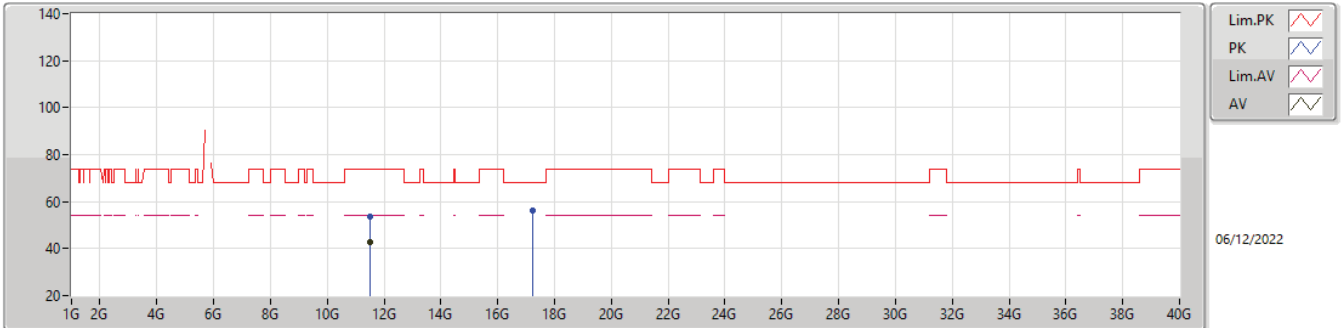


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.48844G	42.54	54.00	-11.46	12.65	3	Vertical	338	2.97	29.89	38.72	8.50	34.57
PK	11.49684G	53.84	74.00	-20.16	12.64	3	Vertical	338	2.97	41.20	38.71	8.50	34.57
PK	17.24394G	56.07	68.20	-12.13	14.22	3	Vertical	97	2.11	41.85	38.26	10.23	34.27



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

5745MHz_TX

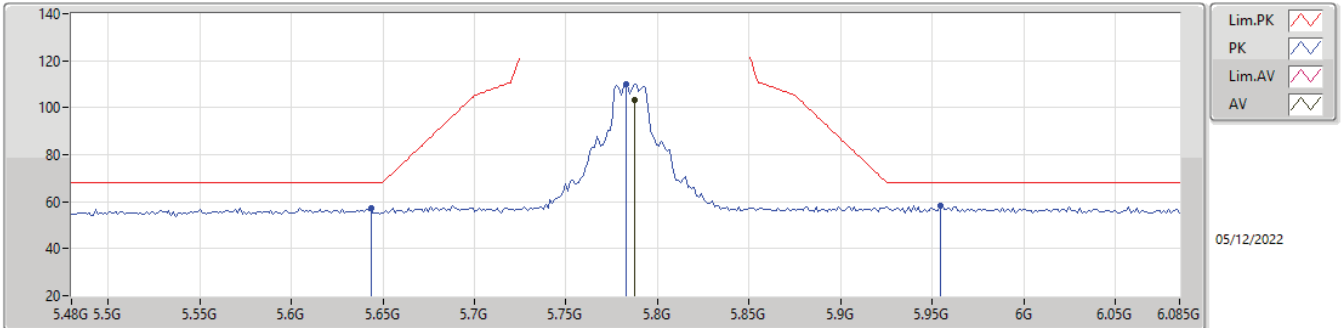


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.48694G	42.84	54.00	-11.16	12.65	3	Horizontal	61	2.61	30.19	38.73	8.49	34.57
PK	11.49834G	53.57	74.00	-20.43	12.63	3	Horizontal	61	2.61	40.94	38.70	8.50	34.57
PK	17.24424G	56.42	68.20	-11.78	14.22	3	Horizontal	360	1.50	42.20	38.26	10.23	34.27



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

5785MHz_TX

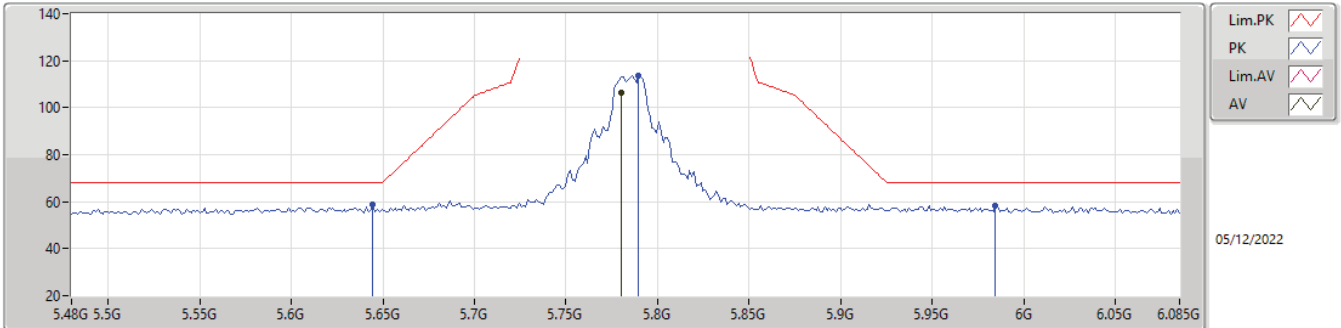


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.78734G	103.10	Inf	-Inf	5.47	3	Vertical	324	2.92	97.63	33.82	6.19	34.54
PK	5.64335G	57.30	68.20	-10.90	4.54	3	Vertical	324	2.92	52.76	33.00	6.09	34.55
PK	5.7825G	110.19	Inf	-Inf	5.45	3	Vertical	324	2.92	104.74	33.80	6.19	34.54
PK	5.95432G	58.36	68.20	-9.84	6.05	3	Vertical	324	2.92	52.31	34.29	6.28	34.52



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

5785MHz_TX



Lim.PK
 PK
 Lim.AV
 AV

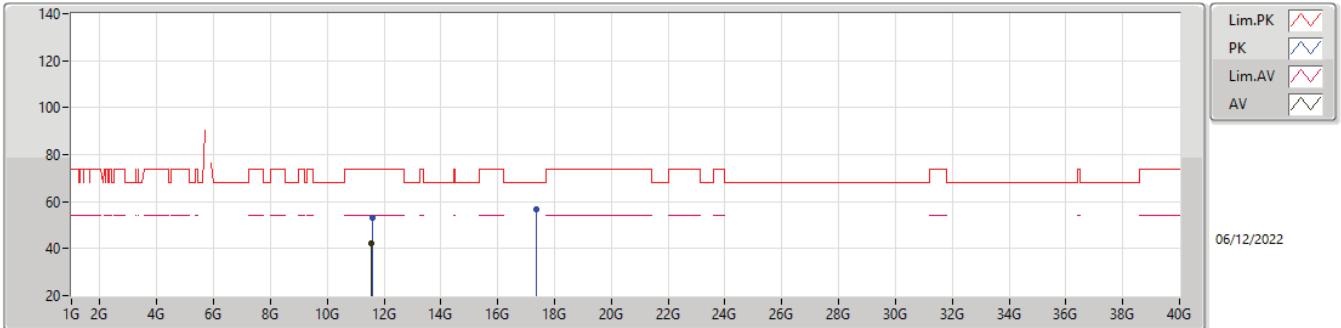
05/12/2022

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.78008G	106.49	Inf	-Inf	5.43	3	Horizontal	319	1.37	101.06	33.78	6.19	34.54
PK	5.64456G	58.78	68.20	-9.42	4.54	3	Horizontal	319	1.37	54.24	33.00	6.09	34.55
PK	5.78976G	113.52	Inf	-Inf	5.49	3	Horizontal	319	1.37	108.03	33.84	6.19	34.54
PK	5.98457G	58.43	68.20	-9.77	6.00	3	Horizontal	319	1.37	52.43	34.23	6.29	34.52



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

5785MHz_TX

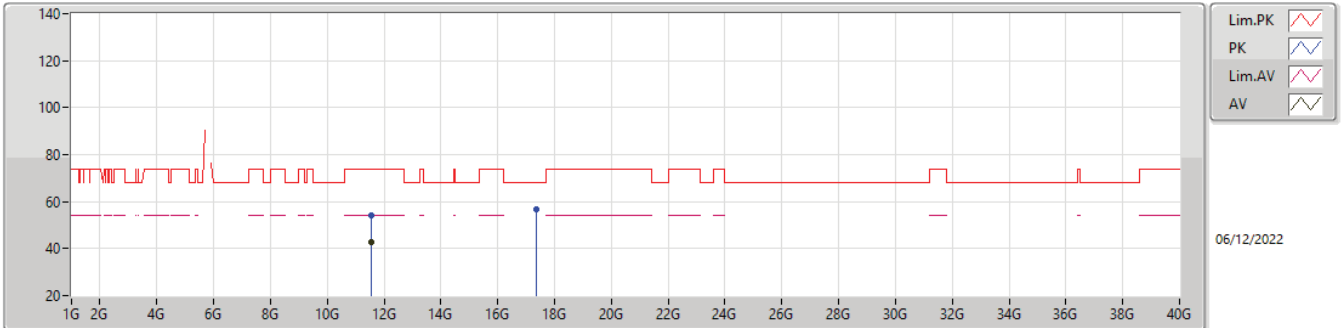


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.56436G	42.39	54.00	-11.61	12.51	3	Vertical	177	2.21	29.88	38.57	8.53	34.59
PK	11.58368G	53.33	74.00	-20.67	12.47	3	Vertical	177	2.21	40.86	38.53	8.54	34.60
PK	17.36136G	56.91	68.20	-11.29	14.24	3	Vertical	313	2.68	42.67	38.32	10.26	34.34



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

5785MHz_TX

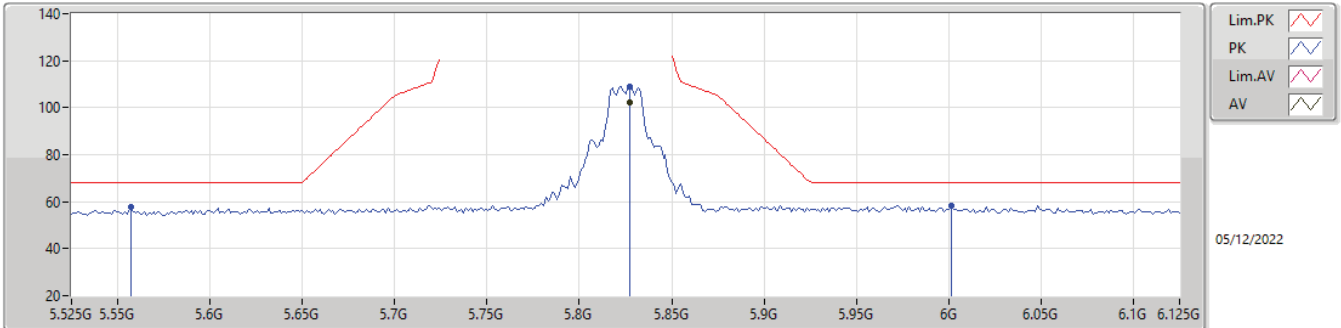


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.57108G	42.57	54.00	-11.43	12.50	3	Horizontal	56	2.26	30.07	38.56	8.53	34.59
PK	11.57036G	54.30	74.00	-19.70	12.50	3	Horizontal	56	2.26	41.80	38.56	8.53	34.59
PK	17.34012G	56.52	68.20	-11.68	14.21	3	Horizontal	190	1.50	42.31	38.28	10.25	34.32



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

5825MHz_TX

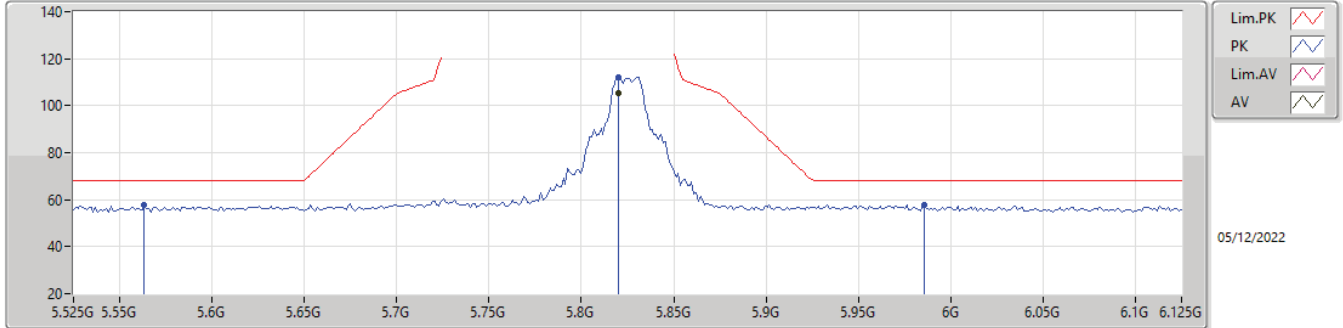


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8274G	102.18	Inf	-Inf	5.69	3	Vertical	324	3.00	96.49	34.01	6.21	34.53
PK	5.5574G	57.51	68.20	-10.69	4.49	3	Vertical	324	3.00	53.02	33.00	6.05	34.56
PK	5.8274G	109.04	Inf	-Inf	5.69	3	Vertical	324	3.00	103.35	34.01	6.21	34.53
PK	6.0014G	58.34	68.20	-9.86	5.97	3	Vertical	324	3.00	52.37	34.19	6.30	34.52



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

5825MHz_TX

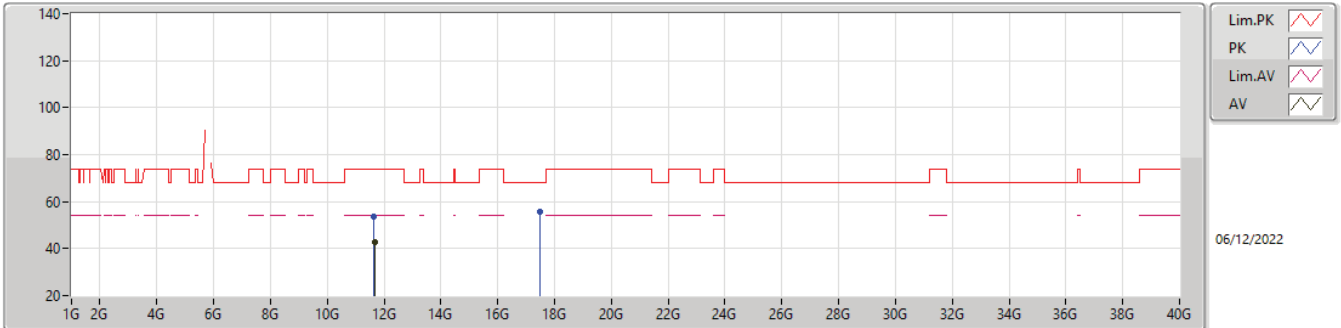


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8202G	105.32	Inf	-Inf	5.66	3	Horizontal	320	1.28	99.66	33.98	6.21	34.53
PK	5.5634G	57.65	68.20	-10.55	4.50	3	Horizontal	320	1.28	53.15	33.00	6.05	34.55
PK	5.8202G	112.25	Inf	-Inf	5.66	3	Horizontal	320	1.28	106.59	33.98	6.21	34.53
PK	5.9858G	57.86	68.20	-10.34	6.00	3	Horizontal	320	1.28	51.86	34.23	6.29	34.52



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

5825MHz_TX

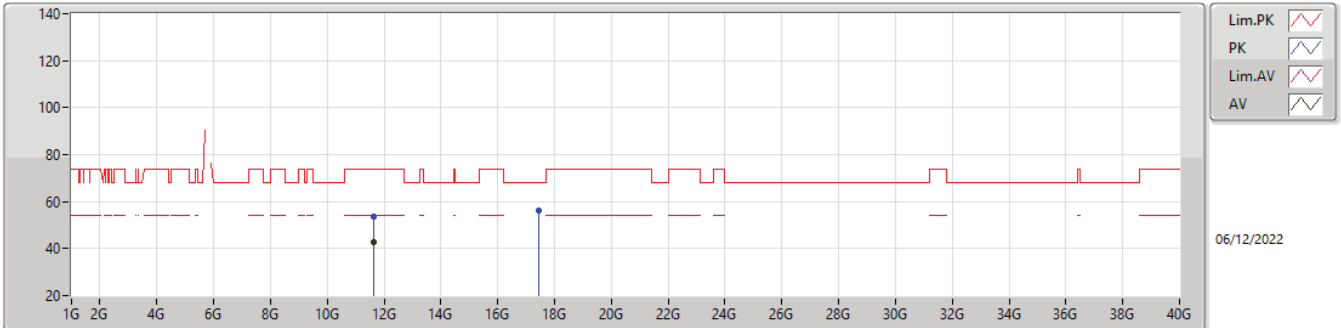


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.66434G	42.55	54.00	-11.45	12.39	3	Vertical	184	1.11	30.16	38.44	8.57	34.62
PK	11.63626G	53.56	74.00	-20.44	12.41	3	Vertical	184	1.11	41.15	38.46	8.56	34.61
PK	17.47002G	55.81	68.20	-12.39	14.08	3	Vertical	97	1.50	41.73	38.19	10.29	34.40



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

5825MHz_TX

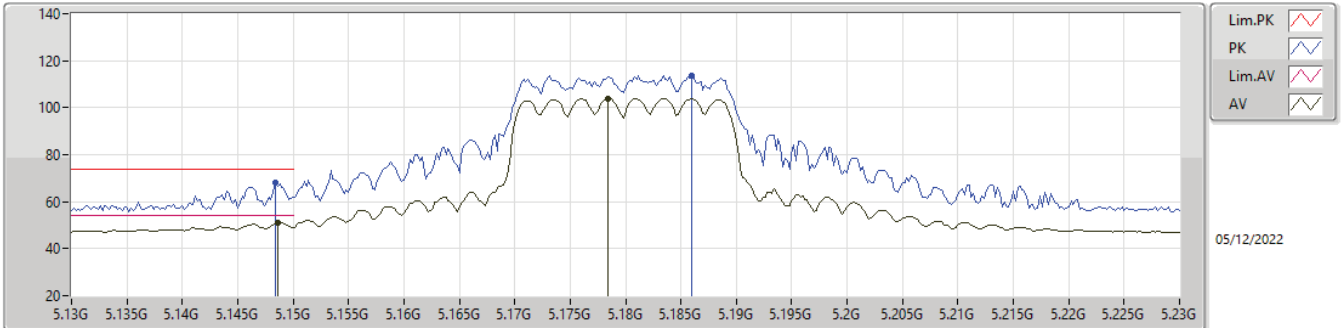


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.65618G	42.54	54.00	-11.46	12.39	3	Horizontal	310	2.02	30.15	38.44	8.57	34.62
PK	11.65768G	53.38	74.00	-20.62	12.39	3	Horizontal	310	2.02	40.99	38.44	8.57	34.62
PK	17.46534G	56.03	68.20	-12.17	14.08	3	Horizontal	78	2.36	41.95	38.20	10.28	34.40



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

5180MHz_TX

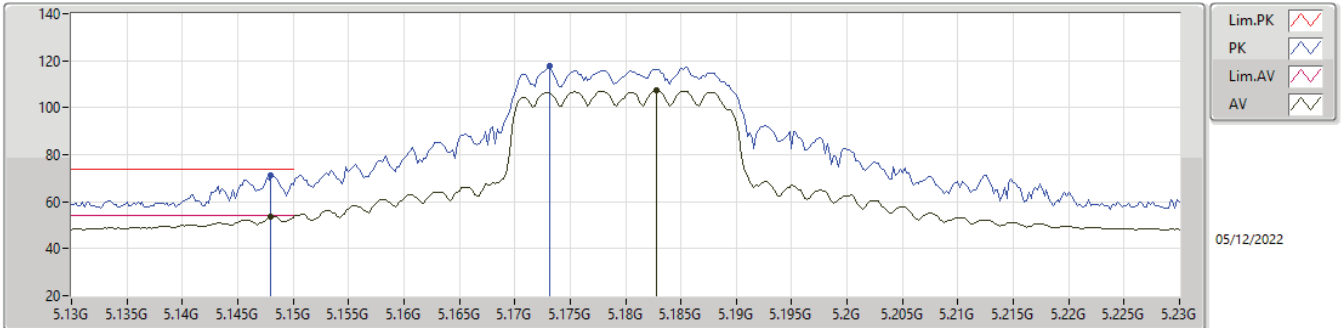


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1486G	51.21	54.00	-2.79	4.34	3	Vertical	342	2.90	46.87	33.10	5.86	34.62
AV	5.1784G	103.85	Inf	-Inf	4.42	3	Vertical	342	2.90	99.43	33.16	5.87	34.61
PK	5.1484G	67.95	74.00	-6.05	4.34	3	Vertical	342	2.90	63.61	33.10	5.86	34.62
PK	5.186G	113.80	Inf	-Inf	4.43	3	Vertical	342	2.90	109.37	33.17	5.87	34.61



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

5180MHz_TX

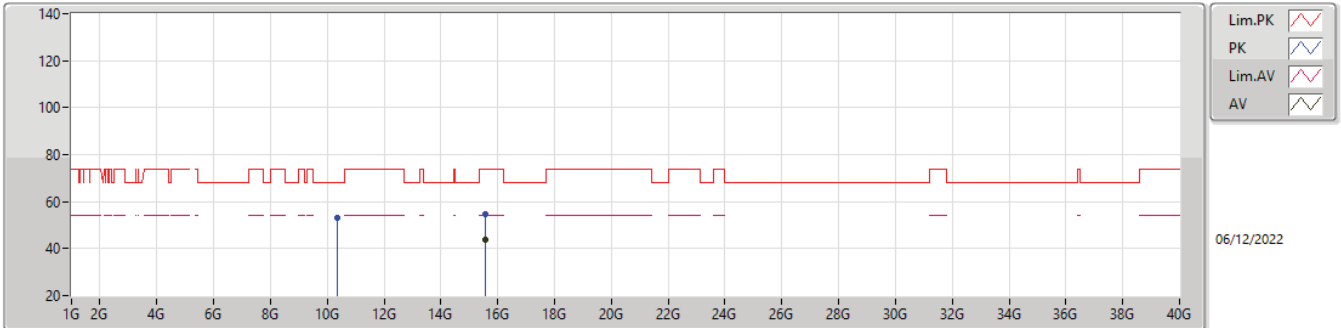


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.148G	53.42	54.00	-0.58	4.34	3	Horizontal	53	2.26	49.08	33.10	5.86	34.62
AV	5.1828G	107.23	Inf	-Inf	4.43	3	Horizontal	53	2.26	102.80	33.17	5.87	34.61
PK	5.148G	71.04	74.00	-2.96	4.34	3	Horizontal	53	2.26	66.70	33.10	5.86	34.62
PK	5.1732G	117.63	Inf	-Inf	4.41	3	Horizontal	53	2.26	113.22	33.15	5.87	34.61



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5180MHz_TX

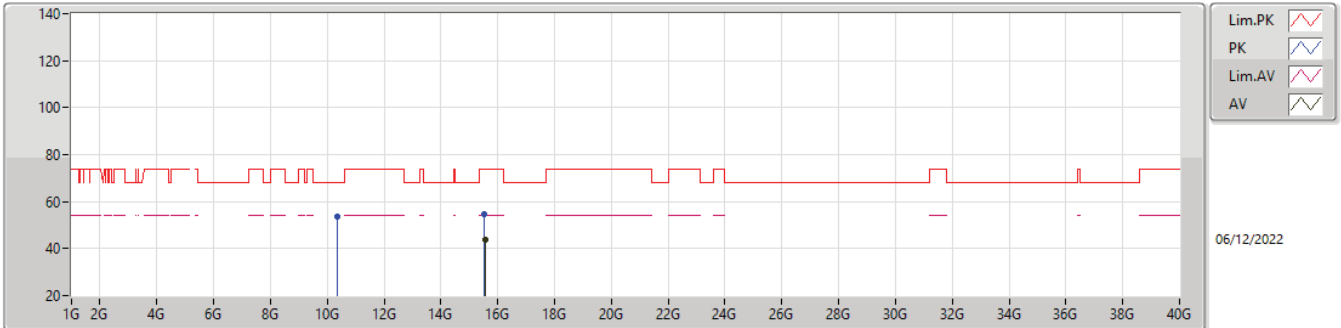


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.54996G	43.70	54.00	-10.30	13.18	3	Vertical	61	1.50	30.52	38.30	9.80	34.92
PK	10.36408G	53.32	68.20	-14.88	11.73	3	Vertical	45	1.50	41.59	38.57	8.02	34.86
PK	15.54702G	54.91	74.00	-19.09	13.21	3	Vertical	61	1.50	41.70	38.32	9.80	34.91



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5180MHz_TX

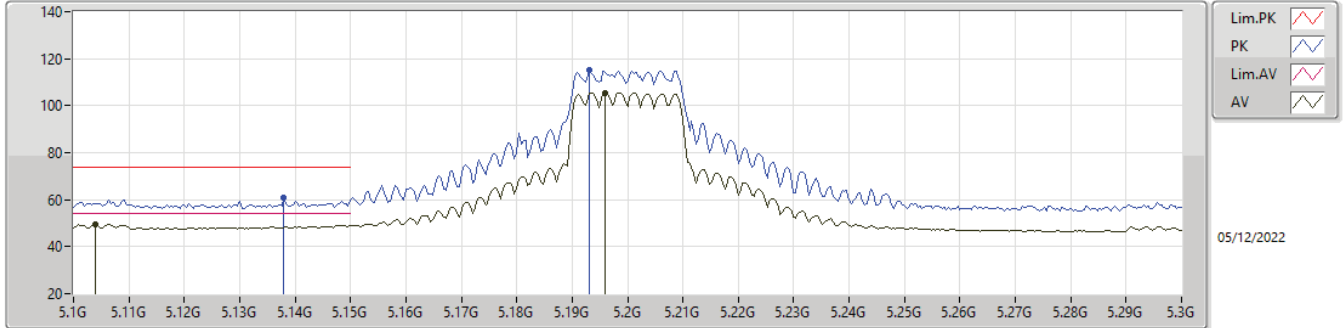


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.55224G	43.58	54.00	-10.42	13.17	3	Horizontal	146	1.50	30.41	38.29	9.80	34.92
PK	10.34968G	53.54	68.20	-14.66	11.75	3	Horizontal	290	1.43	41.79	38.60	8.02	34.87
PK	15.53514G	54.53	74.00	-19.47	13.27	3	Horizontal	146	1.50	41.26	38.39	9.79	34.91



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5200MHz_TX

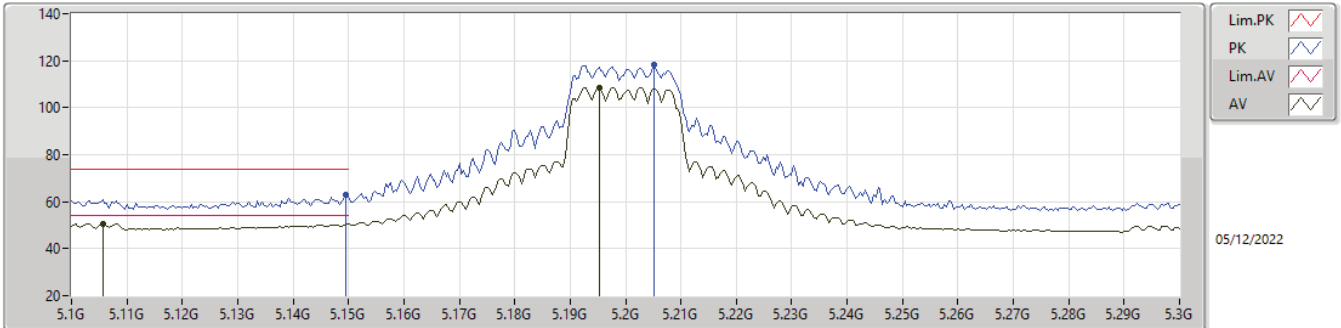


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.104G	49.33	54.00	-4.67	4.23	3	Vertical	340	3.00	45.10	33.01	5.84	34.62
AV	5.196G	105.40	Inf	-Inf	4.46	3	Vertical	340	3.00	100.94	33.19	5.88	34.61
PK	5.138G	60.74	74.00	-13.26	4.31	3	Vertical	340	3.00	56.43	33.08	5.85	34.62
PK	5.1932G	114.93	Inf	-Inf	4.46	3	Vertical	340	3.00	110.47	33.19	5.88	34.61



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5200MHz_TX

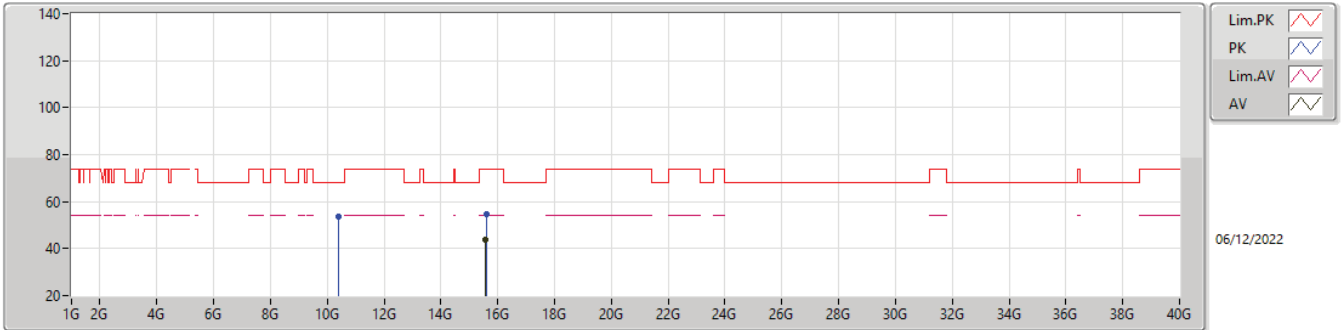


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1056G	50.68	54.00	-3.32	4.23	3	Horizontal	53	2.23	46.45	33.01	5.84	34.62
AV	5.1952G	108.39	Inf	-Inf	4.46	3	Horizontal	53	2.23	103.93	33.19	5.88	34.61
PK	5.1496G	62.79	74.00	-11.21	4.34	3	Horizontal	53	2.23	58.45	33.10	5.86	34.62
PK	5.2052G	118.39	Inf	-Inf	4.46	3	Horizontal	53	2.23	113.93	33.19	5.88	34.61



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5200MHz_TX



Legend for the spectrum plot:

- Lim.PK (Red line with triangle markers)
- PK (Blue line with triangle markers)
- Lim.AV (Red line with square markers)
- AV (Blue line with square markers)

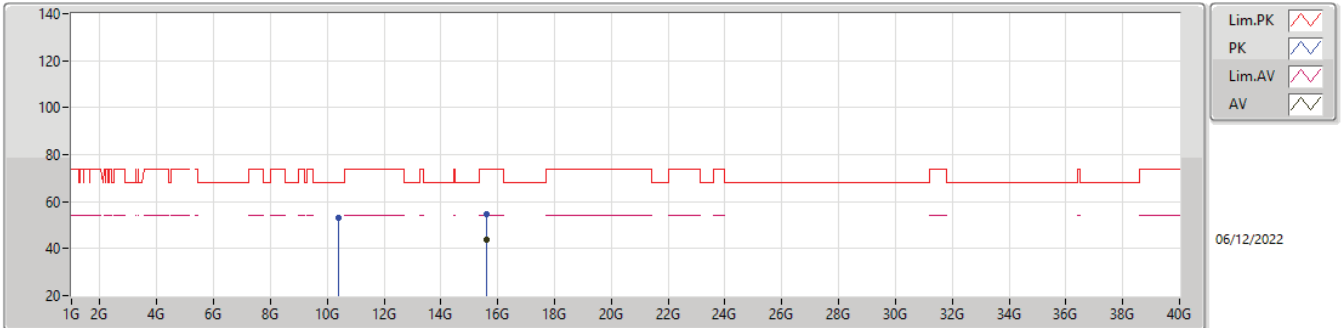
06/12/2022

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.58578G	43.57	54.00	-10.43	12.96	3	Vertical	355	1.50	30.61	38.09	9.81	34.94
PK	10.40996G	53.70	68.20	-14.50	11.74	3	Vertical	126	1.73	41.96	38.51	8.04	34.81
PK	15.59712G	54.87	74.00	-19.13	12.88	3	Vertical	355	1.50	41.99	38.02	9.81	34.95



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5200MHz_TX

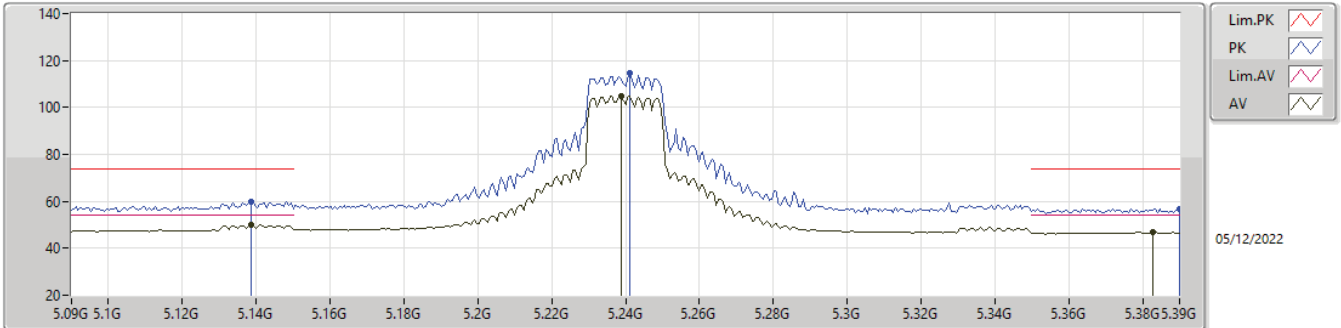


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.61434G	43.60	54.00	-10.40	12.87	3	Horizontal	130	2.03	30.73	38.01	9.82	34.96
PK	10.4087G	52.89	68.20	-15.31	11.74	3	Horizontal	96	2.99	41.15	38.51	8.04	34.81
PK	15.6051G	54.58	74.00	-19.42	12.87	3	Horizontal	130	2.03	41.71	38.01	9.82	34.96



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5240MHz_TX

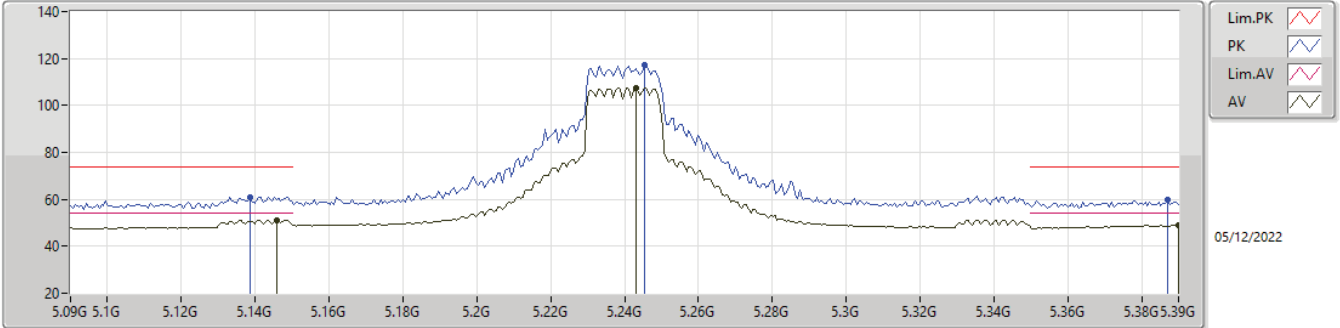


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1386G	49.95	54.00	-4.05	4.31	3	Vertical	340	2.97	45.64	33.08	5.85	34.62
AV	5.2388G	104.85	Inf	-Inf	4.42	3	Vertical	340	2.97	100.43	33.12	5.90	34.60
AV	5.3828G	46.83	54.00	-7.17	4.30	3	Vertical	340	2.97	42.53	32.90	5.98	34.58
PK	5.1386G	59.76	74.00	-14.24	4.31	3	Vertical	340	2.97	55.45	33.08	5.85	34.62
PK	5.2412G	114.72	Inf	-Inf	4.42	3	Vertical	340	2.97	110.30	33.12	5.90	34.60
PK	5.39G	56.97	74.00	-17.03	4.34	3	Vertical	340	2.97	52.63	32.94	5.98	34.58



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

5240MHz_TX

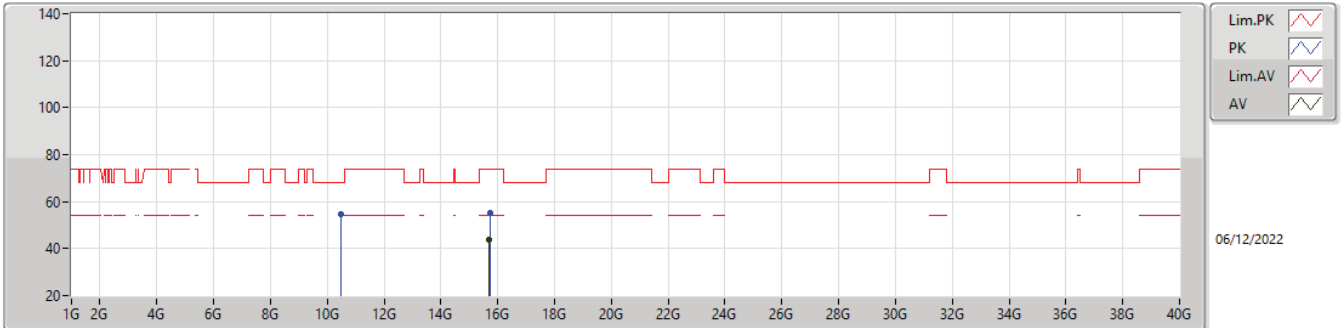


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1458G	51.18	54.00	-2.82	4.33	3	Horizontal	39	2.01	46.85	33.09	5.86	34.62
AV	5.243G	107.42	Inf	-Inf	4.41	3	Horizontal	39	2.01	103.01	33.11	5.90	34.60
AV	5.39G	48.99	54.00	-5.01	4.34	3	Horizontal	39	2.01	44.65	32.94	5.98	34.58
PK	5.1386G	60.99	74.00	-13.01	4.31	3	Horizontal	39	2.01	56.68	33.08	5.85	34.62
PK	5.2454G	117.38	Inf	-Inf	4.41	3	Horizontal	39	2.01	112.97	33.11	5.90	34.60
PK	5.387G	59.78	74.00	-14.22	4.32	3	Horizontal	39	2.01	55.46	32.92	5.98	34.58



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5240MHz_TX

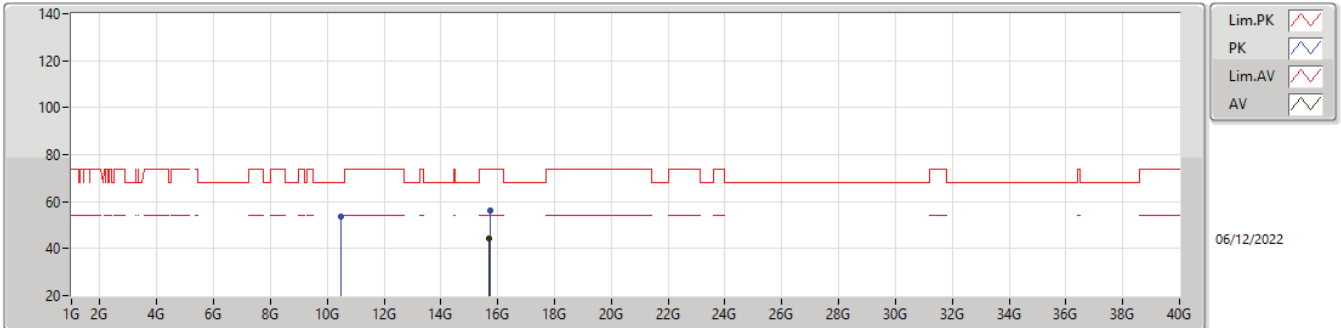


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.71148G	44.01	54.00	-9.99	12.90	3	Vertical	34	1.90	31.11	38.09	9.85	35.04
PK	10.48354G	54.54	68.20	-13.66	11.91	3	Vertical	250	1.50	42.63	38.58	8.07	34.74
PK	15.7215G	55.35	74.00	-18.65	12.89	3	Vertical	34	1.74	42.46	38.08	9.85	35.04



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5240MHz_TX



Legend for the spectrum plot:

- Lim.PK (Red line with triangles)
- PK (Blue line with triangles)
- Lim.AV (Red line with squares)
- AV (Blue line with squares)

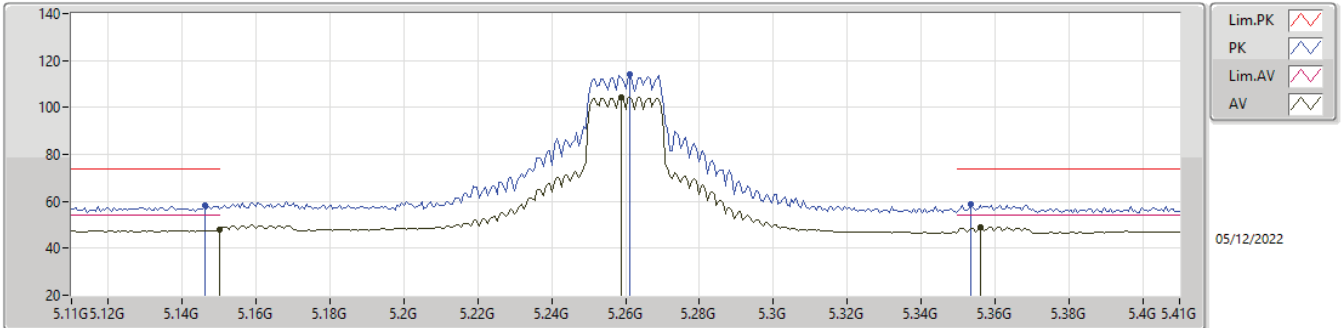
06/12/2022

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.71316G	44.12	54.00	-9.88	12.90	3	Horizontal	25	2.25	31.22	38.09	9.85	35.04
PK	10.48678G	53.78	68.20	-14.42	11.93	3	Horizontal	358	1.50	41.85	38.59	8.07	34.73
PK	15.7257G	56.14	74.00	-17.86	12.87	3	Horizontal	25	2.25	43.27	38.07	9.85	35.05



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

5260MHz_TX

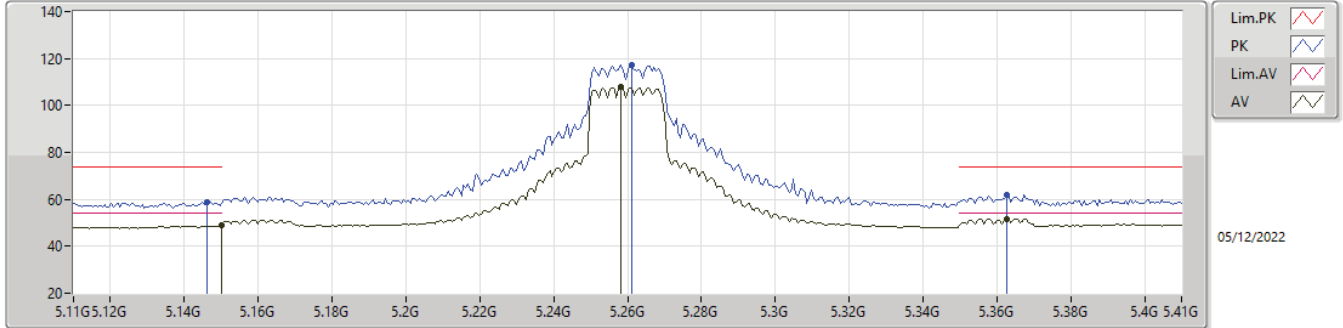


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	47.80	54.00	-6.20	4.34	3	Vertical	338	2.89	43.46	33.10	5.86	34.62
AV	5.2588G	104.32	Inf	-Inf	4.37	3	Vertical	338	2.89	99.95	33.06	5.91	34.60
AV	5.356G	48.86	54.00	-5.14	4.13	3	Vertical	338	2.89	44.73	32.74	5.97	34.58
PK	5.146G	58.30	74.00	-15.70	4.33	3	Vertical	338	2.89	53.97	33.09	5.86	34.62
PK	5.2612G	114.31	Inf	-Inf	4.37	3	Vertical	338	2.89	109.94	33.06	5.91	34.60
PK	5.3536G	58.58	74.00	-15.42	4.10	3	Vertical	338	2.89	54.48	32.72	5.96	34.58



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

5260MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	49.20	54.00	-4.80	4.34	3	Horizontal	37	2.01	44.86	33.10	5.86	34.62
AV	5.2582G	107.70	Inf	-Inf	4.38	3	Horizontal	37	2.01	103.32	33.07	5.91	34.60
AV	5.3626G	51.68	54.00	-2.32	4.17	3	Horizontal	37	2.01	47.51	32.78	5.97	34.58
PK	5.146G	59.00	74.00	-15.00	4.33	3	Horizontal	37	2.01	54.67	33.09	5.86	34.62
PK	5.2612G	117.17	Inf	-Inf	4.37	3	Horizontal	37	2.01	112.80	33.06	5.91	34.60
PK	5.3626G	62.13	74.00	-11.87	4.17	3	Horizontal	37	2.01	57.96	32.78	5.97	34.58