

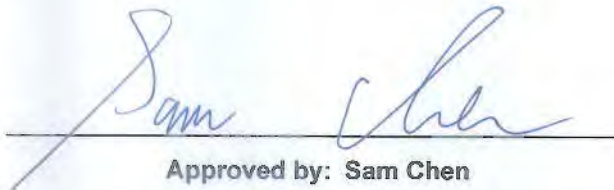


RADIO TEST REPORT

FCC ID : G954981X
Equipment : DOCSIS Cable Gateway
Brand Name : Technicolor
Model Name : CGM4981COM, CGM4981COX
Applicant : Technicolor Connected Home USA LLC
4855 Peachtree Industrial Blvd. Norcross, GA 30092
Manufacturer : Technicolor Connected Home USA LLC
4855 Peachtree Industrial Blvd. Norcross, GA 30092
Standard : 47 CFR FCC Part 15.407

The product was received on Jul. 14, 2021, and testing was started from Sep. 09, 2021 and completed on Dec. 07, 2021. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.



Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory
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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver1.1



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)	PASS	-
3.3	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.4	15.407(b)	Unwanted Emissions	PASS	-
3.5	15.407(d)	Contention-Based Protocol	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 declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Vicky Huang



1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
UNII 5~8	802.11ax HEW20	20	4TX
UNII 5~8	802.11ax HEW20-BF	20	4TX
UNII 5~8	802.11ax HEW40	40	4TX
UNII 5~8	802.11ax HEW40-BF	40	4TX
UNII 5~8	802.11ax HEW80	80	4TX
UNII 5~8	802.11ax HEW80-BF	80	4TX
UNII 5~8	802.11ax HEW160	160	4TX
UNII 5~8	802.11ax HEW160-BF	160	4TX

Note:

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


1.1.2 Antenna Information

Ant.	Port					Brand Name	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4 GHz	WLAN 5 GHz	WLAN 6E	Zigbee	Bluetooth					
1	1	4	-	-	-	Airgain	N03TCAFB-PK1-B165U	PCB	I-PEX	Note 1
2	2	3	-	-	-	Airgain	N03TCAFE-PK1-G140U	PCB	I-PEX	
3	3	2	-	-	-	Airgain	N03TCAFN-PK1-R150U	PCB	I-PEX	
4	4	1	-	-	-	Airgain	N03TCAFG-PK1-A230U	PCB	I-PEX	
5	-	-	1	-	-	Airgain	N06TCAFC-PK1-B105U	PCB	I-PEX	
6	-	-	2	-	-	Airgain	N06TCAFH-PK1-G200U	PCB	I-PEX	
7	-	-	3	-	-	Airgain	N06TCAFJ-PK1-R150U	PCB	I-PEX	
8	-	-	4	1	-	Airgain	N04TCAFD-PK1-A150U	PCB	I-PEX	
9	-	-	-	2	-	Airgain	N01TCAFM-PK1-W230U	PCB	I-PEX	
10	-	-	-	-	1	Airgain	N01TCAFM-PK1-W190U	PCB	I-PEX	

Note1:

Ant.	Port					Antenna Gain (dBi)							
	WLAN 2.4 GHz	WLAN 5GHz	WLAN 6E	Zigbee	Bluetooth	WLAN 2.4 GHz	WLAN 5GHz UNII 1	WLAN 5GHz UNII 2A	WLAN 5GHz UNII 2C	WLAN 5GHz UNII 3	WLAN 6E	Zigbee	Bluetooth
1	1	4	-	-	-	2.7	2.59	2.85	2.34	3.5	-	-	-
2	2	3	-	-	-	3.12	2.05	2.62	2.3	3.12	-	-	-
3	3	2	-	-	-	2.57	2.71	1.98	1.87	3.08	-	-	-
4	4	1	-	-	-	2.2	2.18	2.7	2.08	2.02	-	-	-
5	-	-	1	-	-	-	-	-	-	-	3.7	-	-
6	-	-	2	-	-	-	-	-	-	-	4.1	-	-
7	-	-	3	-	-	-	-	-	-	-	3.7	-	-
8	-	-	4	1	-	-	-	-	-	-	5.5	4.8	-
9	-	-	-	2	-	-	-	-	-	-	-	2.5	-
10	-	-	-	-	1	-	-	-	-	-	-	-	4.1



Directional Gain (dBi)					
Band (MHz)	2400-2483.5	5150-5250	5250-5350	5470-5725	5725-5850
Frequency (Hz)	2.45G	5.2G	5.3G	5.6G	5.785G
Ant. 1 Max Gain (dBi)	2.7	2.59	2.85	2.34	3.5
Ant. 2 Max Gain (dBi)	3.12	2.05	2.62	2.3	3.12
Ant. 3 Max Gain (dBi)	2.57	2.71	1.98	1.87	3.08
Ant. 4 Max Gain (dBi)	2.2	2.18	2.7	2.08	2.02
Max Gain (dBi)	3.12	2.71	2.85	2.34	3.5
DG [1SS] (dBi)	5.45	4.96	3.99	4.1	4.82
DG [2SS] (dBi)	3.12	2.71	2.85	2.34	3.5
DG [4SS] (dBi)	0.1	-0.52	-0.64	-1.23	-0.43

Note2: The above information was declared by manufacturer.

WLAN 2.4/5GHz: The directional gain is measured which follows the procedure of KDB 662911 D03. The antenna report is provided in the operational description for this application.

For WLAN 2.4GHz function:

For IEEE 802.11b/g/n/VHT/ax mode (4TX/4RX):

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For WLAN 5GHz function:

For IEEE 802.11a/n/ac/ax mode (4TX/4RX):

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For WLAN 6E function:

For IEEE 802.11ax mode (4TX/4RX):

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Zigbee function (1TX/1RX):

The EUT supports the Ant.8 and Ant.9 with TX and RX diversity functions.

Both Ant.8 (Port 1) and Ant.9 (Port 2) support transmit and receive functions, but only one of them will be used at one time.

All test results will be recorded in the report.

For Bluetooth function (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20-BF	0.983	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.967	0.15	781.25u	3k
802.11ax HEW40-BF	0.958	0.19	758.906u	3k
802.11ax HEW80	0.937	0.28	413.125u	3k
802.11ax HEW80-BF	0.939	0.27	413.125u	3k
802.11ax HEW160	0.894	0.49	236.25u	10k
802.11ax HEW160-BF	0.894	0.49	236.25u	10k

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From power adapter		
Beamforming Function	☒ With beamforming	☐ Without beamforming	
	For 802.11n/ax/VHT in 2.4GHz, 802.11n/ac/ax in 5GHz and 802.11ax in 6GHz.		
Device Type	☒ Indoor Access Point	☐ Subordinate	
	☐ Indoor Client	☐ Standard Power Access Point	
	☐ Dual Client	☐ Standard Client	
	☐ Fixed Client		
Test Software Version	Mtool (ver.3.2.1.4) · DOS [ver 6.1.7601]		

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

Model Name	Description
CGM4981COM	All the models are identical, the difference model served as marketing strategy.
CGM4981COX	

Note 1: From the above models, model: CGM4981COM was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.



1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: 171403

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

Modifications	Performance Checking
1. Adding UNII 5~UNII 8 for this device.	1. Emission Bandwidth 2. Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) 3. Peak Power Spectral Density (E.I.R.P.) 4. Unwanted Emissions (Above 1GHz) 5. Contention-Based Protocol
2. Adding 5GHz band 2 and band 3 (5250~5350 MHz, 5470~5725 MHz) for this device 3. Adding the 160MHz	6. It doesn't affect the test report of this test report.



1.2 Applicable Standards

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

- ♦ 47 CFR FCC Part 15.407
- ♦ ANSI C63.10-2013
- ♦ FCC KDB 789033 D02 v02r01

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

- ♦ FCC KDB 987594 D02 v01r01
- ♦ FCC KDB 662911 D03 v01
- ♦ FCC KDB 412172 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Serway Li	22.4~23.7 / 54~57	Sep. 09, 2021~ Nov. 12, 2021
Radiated (non-beamforming mode)	03CH01-CB	Brian Sun	24.2-26.1 / 55-58	Sep. 11, 2021~ Oct. 02, 2021
Radiated (beamforming mode)	03CH04-CB	Brian Sun	24.6-25.7 / 56-59	Sep. 11, 2021~ Oct. 02, 2021
RF Conducted (Contention-Based Protocol test)	DF02-CB	Mason Chen	22.1-22.6 / 65-67	Nov. 08, 2021~ Dec. 07, 2021

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
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For non beamforming mode

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5955MHz	41
6175MHz	40
6415MHz	41
6435MHz	42
6475MHz	40
6515MHz	41
6535MHz	39
6695MHz	39
6855MHz	40
6875MHz Straddle 6.525-6.875GHz	41
6895MHz	41
6995MHz	42
7095MHz	37
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5965MHz	54
6165MHz	51
6405MHz	56
6445MHz	55
6485MHz	56
6525MHz Straddle 6.425-6.525GHz	51
6565MHz	50
6685MHz	56
6845MHz	55
6885MHz Straddle 6.525-6.875GHz	58
6925MHz	56
7005MHz	58
7085MHz	59
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5985MHz	68
6145MHz	66
6385MHz	68
6465MHz	65
6545MHz Straddle 6.425-6.525GHz	63
6625MHz	65



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Mode	Power Setting
6705MHz	65
6785MHz	65
6865MHz Straddle 6.525-6.875GHz	67
6945MHz	69
7025MHz	72
802.11ax HEW160_Nss1,(MCS0)_4TX	-
6025MHz	76
6185MHz	73
6345MHz	73
6505MHz Straddle 6.425-6.525GHz	76
6665MHz	79
6825MHz Straddle 6.525-6.875GHz	77
6985MHz	80

**For beamforming mode**

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5955MHz	33
6175MHz	37
6415MHz	38
6435MHz	38
6475MHz	37
6515MHz	41
6535MHz	38
6695MHz	31
6855MHz	45
6875MHz Straddle 6.525-6.875GHz	46
6895MHz	46
6995MHz	40
7095MHz	50
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5965MHz	49
6165MHz	53
6405MHz	59
6445MHz	55
6485MHz	55
6525MHz Straddle 6.425-6.525GHz	60
6565MHz	56
6685MHz	52
6845MHz	66
6885MHz Straddle 6.525-6.875GHz	66
6885MHz Straddle 6.875-7.125GHz	
6925MHz	62
7005MHz	65
7085MHz	66
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5985MHz	56
6145MHz	61
6385MHz	62
6465MHz	61
6545MHz Straddle 6.425-6.525GHz	61
6625MHz	60
6705MHz	59
6785MHz	61
6865MHz Straddle 6.525-6.875GHz	66



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Mode	Power Setting
6945MHz	66
7025MHz	68
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
6025MHz	68
6185MHz	71
6345MHz	73
6505MHz Straddle 6.425-6.525GHz	75
6665MHz	76
6825MHz Straddle 6.525-6.875GHz	75
6985MHz	83

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Contention Based Protocol
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.)
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.

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	The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Y axis. So the measurement will follow this same test
1	CTX-EUT in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission MASK
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz+WLAN 5GHz+WLAN 6E+Zigbee (Ant.9)+Bluetooth
Refer to Sporton Test Report No.: FA171403-01 for Co-location RF Exposure Evaluation.	



2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS [ver 6.1.7601].
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Wireless AP and transmit duty cycle no less than 98%.

2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter 1	AcBel	ADK002	INPUT: 100-120V~50/60Hz, 1.5A OUTPUT: 12.0V, 4.6A
Adapter 2	Delta	ADH-55AW BK	INPUT: 100-120V~50/60Hz, 1.2A OUTPUT: 12.0V, 4.6A
Adapter 3	Netbit	NBC56A120460VU	INPUT: 100-120V~50/60Hz, 1.5A OUTPUT: 12.0V, 4.6A



2.5 Support Equipment

For Radiated:

For non-beamforming mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A

For beamforming mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	WLAN module	Intel	AX210NGW	PD9AX210NG
C	NB	DELL	E4300	N/A

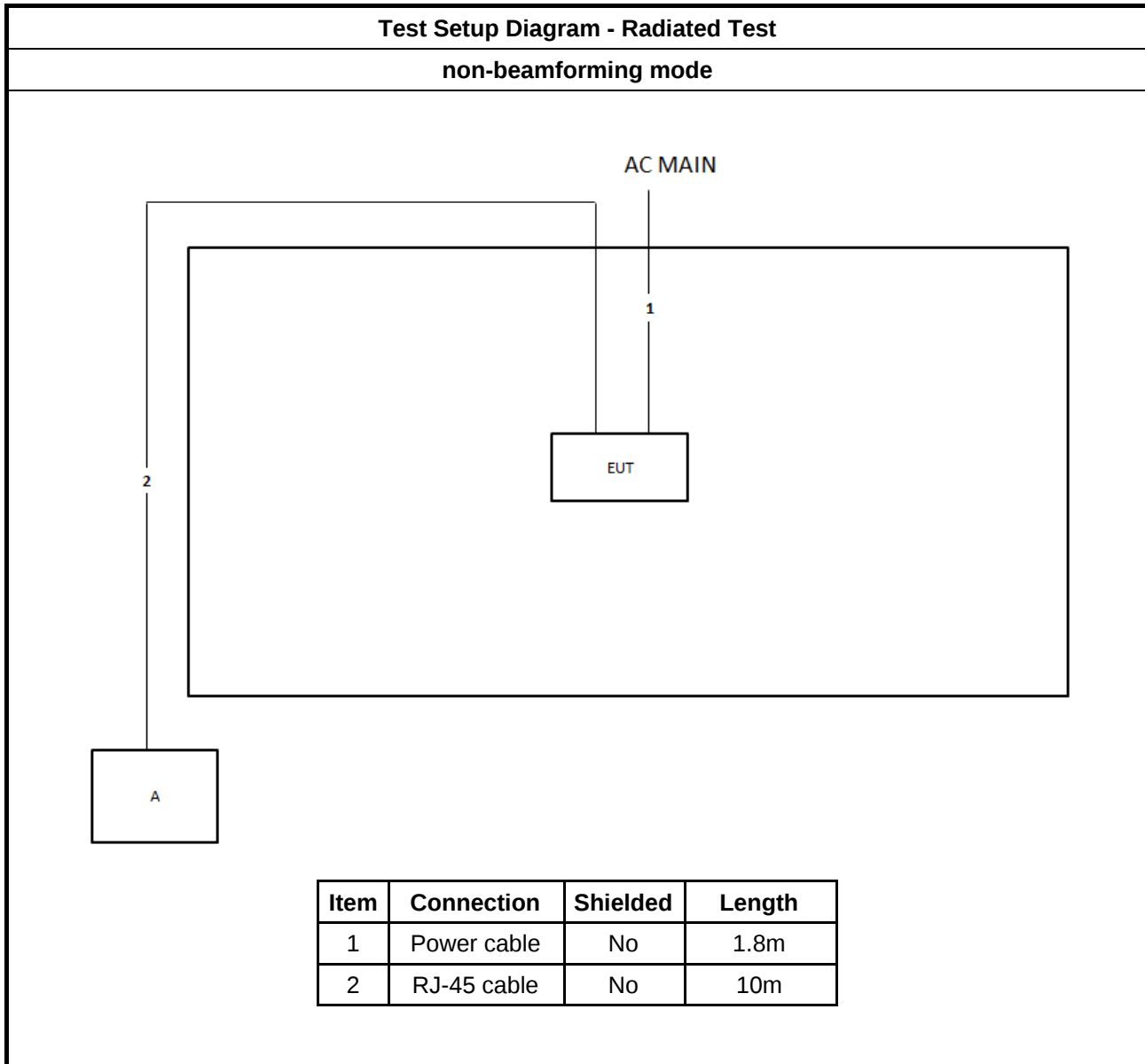
For RF Conducted(Other tests):

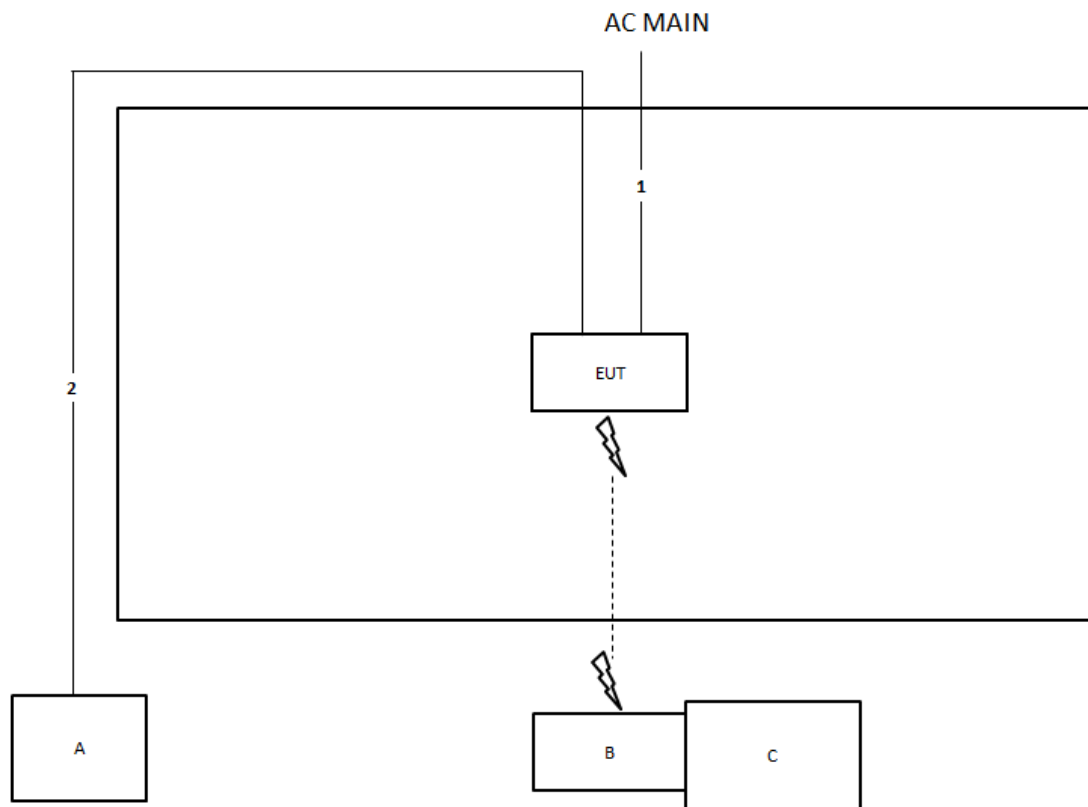
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A

For RF Conducted(Contention-Based Protocol test):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	WLAN AP	BCM	BCM943684MCH6_S_P206	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test
beamforming mode


Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m

3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5925-6425 GHz band, N/A
☒	For the 6425-6525 GHz band, N/A
☒	For the 6525-6875 GHz band, N/A
☒	For the 6875-7125 GHz band, N/A

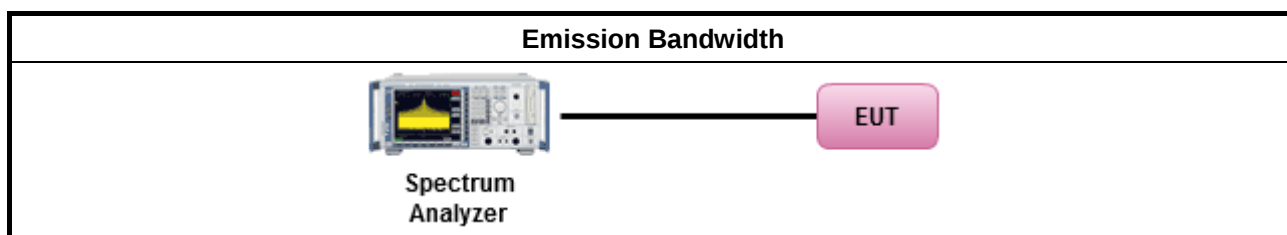
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	According to KDB 987594 D02 clause II.C, measurement procedure shall refer to FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)

3.2.1 Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) Limit

Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) Limit	
UNII Devices	
☒	For the 5.925 ~ 6.425 GHz band:
☐	- For standard power access point and fixed client device : e.i.r.p < 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm). - For indoor access point : e.i.r.p < 30 dBm. - For subordinate device control of an indoor access point : e.i.r.p < 30 dBm. - For client device control of a standard power access point : e.i.r.p < 30 dBm. - For client device control of an indoor access point : e.i.r.p < 24 dBm.
☒	For the 6.425 ~ 6.525 GHz band:
☐	- For indoor access point : e.i.r.p < 30 dBm. - For client device control of an indoor access point : e.i.r.p < 24 dBm.
☒	For the 6.525 ~ 6.875 GHz band:
☐	- For standard power access point and fixed client device : e.i.r.p < 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm). - For indoor access point : e.i.r.p < 30 dBm. - For subordinate device control of an indoor access point : e.i.r.p < 30 dBm. - For client device control of a standard power access point : e.i.r.p < 30 dBm. - For client device control of an indoor access point : e.i.r.p < 24 dBm.
☒	For the 6.875 ~ 7.125 GHz band:
☐	- For indoor access point : e.i.r.p < 30 dBm. - For client device control of an indoor access point : e.i.r.p < 24 dBm.



3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
According to FCC KDB 987594 D02 clause II.E, the test measurement procedure shall refer to KDB 789033.	
	Average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☐ Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☐ For conducted measurement.	
	If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☒ For radiated measurement.	
	Refer as FCC KDB 987594 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

Note :

The test is the final test result, It includes antenna /cable loss factor & FSL factor.

The EIRP calculation refer to "KDB 412172 D01 Determining ERP and EIRP v01r01"

EIRP Formula :

$$EIRP(dBm) = PR(dBm)$$

where;

PR(dBm) : Power measurement level include antenna/cable loss

LP : Free Space Loss(dB)

PR Formula :

$$PR(dBm) = P \text{ Meas}(dBm) - GR(dBi) + LC(dB)$$

where;

P Meas(dBm) : Power measurement level

GR(dBi) : Gain of the receive(measurement) antenna

LC(dB) : Measurement cable loss

LP(FSL factor) Formula :

$$LP(dB) = 20 \log F + 20 \log D - 27.54$$

where;

F(MHz) : EUT center frequency
D(m) : Measurement distance

For Example:

Test mode HE20 Non BF 4T1S 5955MHz EIRP measurement

PR Formula :

$$PR(\text{dBm}) = -36.64 - 10.69 + 5 = -42.33$$

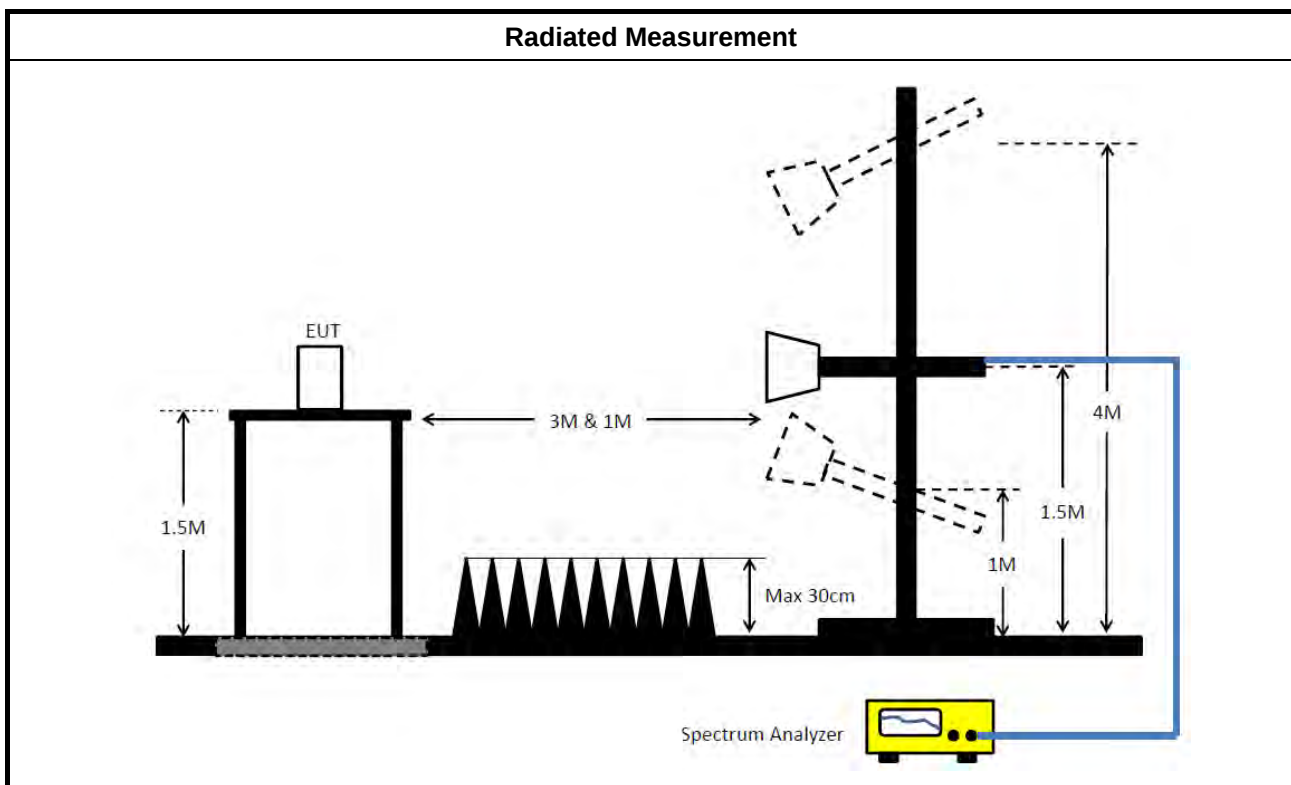
LP(FSL factor) Formula :

$$LP(\text{dB}) = 20\log(5955) + 20\log(3) - 27.5 = 57.54$$

EIRP Formula :

$$EIRP(\text{dBm}) = -42.33 + 57.54 = 15.21$$

3.2.4 Test Setup



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

Refer as Appendix B

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

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

Peak Power Spectral Density (E.I.R.P.) Limit	
UNII Devices	
☒	For the 5.925 ~ 6.425 GHz band:
☐	For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz.
☐	For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz.
☐	For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
☒	For the 6.425 ~ 6.525 GHz band:
☐	For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
☒	For the 6.525 ~ 6.875 GHz band:
☐	For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz.
☐	For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz.
☐	For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
☒	For the 6.875 ~ 7.125 GHz band:
☐	For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
According to KDB 987594 D02 clause II.F, the measurement procedure shall refer to KDB 789033. Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as FCC KDB 789033 D02, 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% or external video / power trigger]	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☐	For conducted measurement.
If the EUT supports multiple transmit chains using options given below:	
☐	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
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]) $EIRP_{total} = PPSD_{total} + DG$	



☒	For radiated measurement.
☐	Refer as FCC KDB 987594 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"
☐	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
☐	Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

Note :

The test is the final test result, It includes antenna /cable loss factor & FSL factor.

The EIRP PSD calculation refer to "KDB 412172 D01 Determining ERP and EIRP v01r01"

EIRP PSD Formula :

EIRP PSD(dBm/MHz)

where;

PR(dBm/MHz) : Power measurement level include antenna/cable loss

LP : Free Space Loss(dB)

PR Formula :

$PR(dBm/MHz) = P_{Meas}(dBm/MHz) - GR(dBi) + LC(dB)$

where;

P Meas(dBm/MHz) : PSD measurement level

GR(dBi) : Gain of the receive(measurement) antenna (dBi)

LC(dB) : Measurement cable loss (dB)

LP(FSL factor) Formula :

$LP(dB) = 20 \log F + 20 \log D - 27.54$

where;

F(MHz) : EUT center frequency

D(m) : Measurement distance

For Example:

Test mode HE20 Non BF 4T1S 5955MHz EIRP PSD measurement

PR Formula :

$PR(dBm/MHz) = -47.04 - 10.70 + 5 = -52.74$

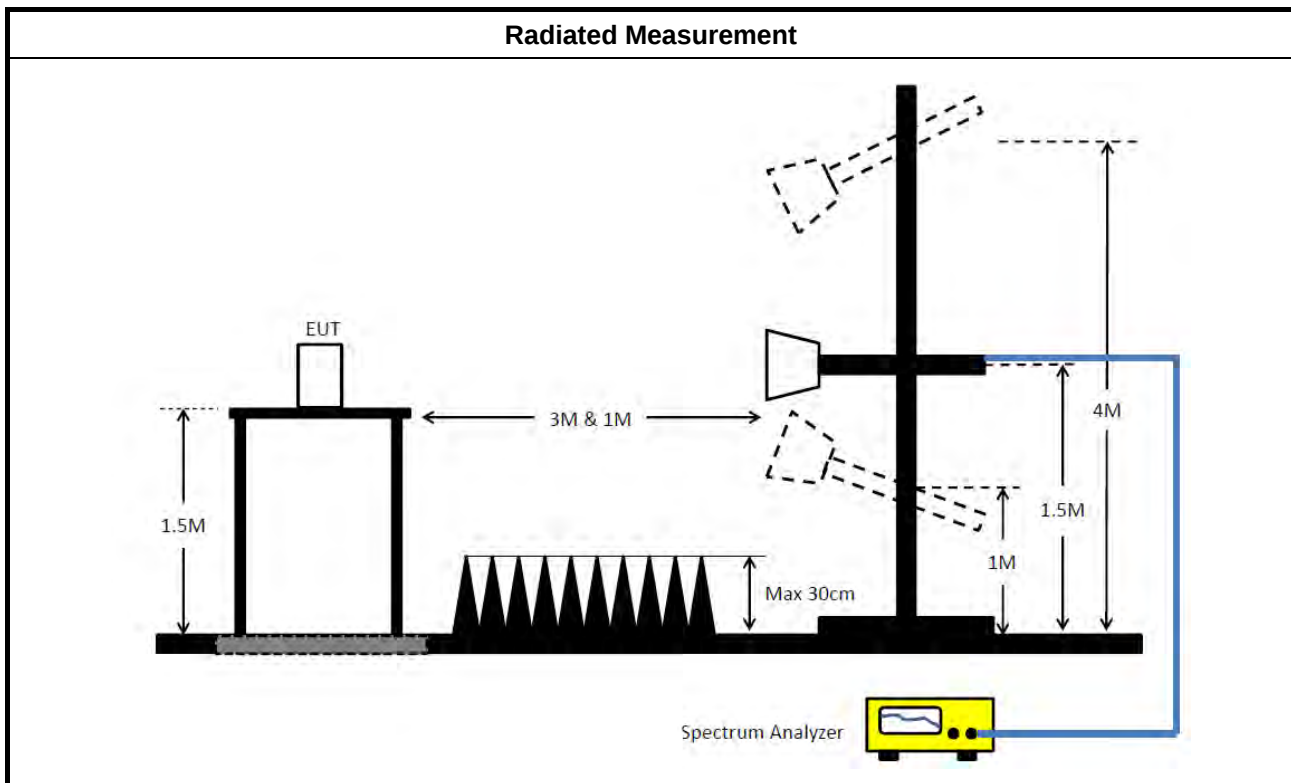
LP(FSL factor) Formula :

$LP(dB) = 20 \log(5953.5) + 20 \log(3) - 27.5 = 57.54$

EIRP PSD Formula

$EIRP PSD(dBm/MHz) = -52.74 + 57.54 = 4.80$

3.3.4 Test Setup



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

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Unwanted Emissions Limit

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

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

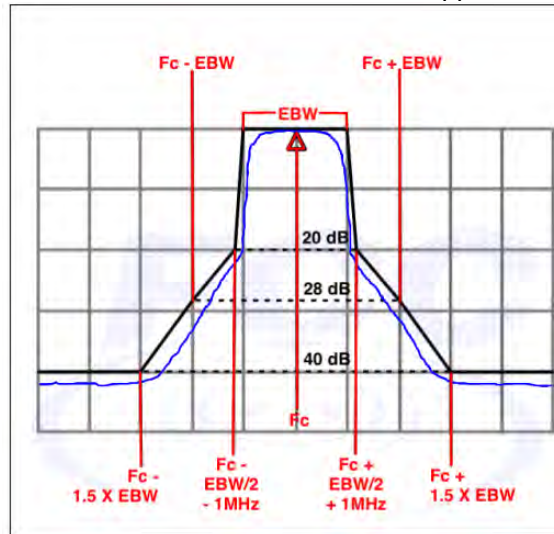
Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance,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

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

Un-restricted band emissions above 1GHz Limit	
Frequency	Limit
Any outside the 5.945 – 7.125 GHz emission	e.i.r.p. -27 dBm [68.2 dBuV/m@3m] Note 1: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$). EX. Above 18GHz emission limit calculation (3m to 1m) = $68.2\text{dBuV/m at 3m} + 9.54\text{dB} = 77.74\text{dBuV/m at 1m}$. Note 2:-27 dBm EIRP OOBE is measured RMS which is a deviation from the current 15E rules for 5 GHz bands. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.
Frequency	Emission MASK Limit

5.945 – 7.125 GHz

Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.





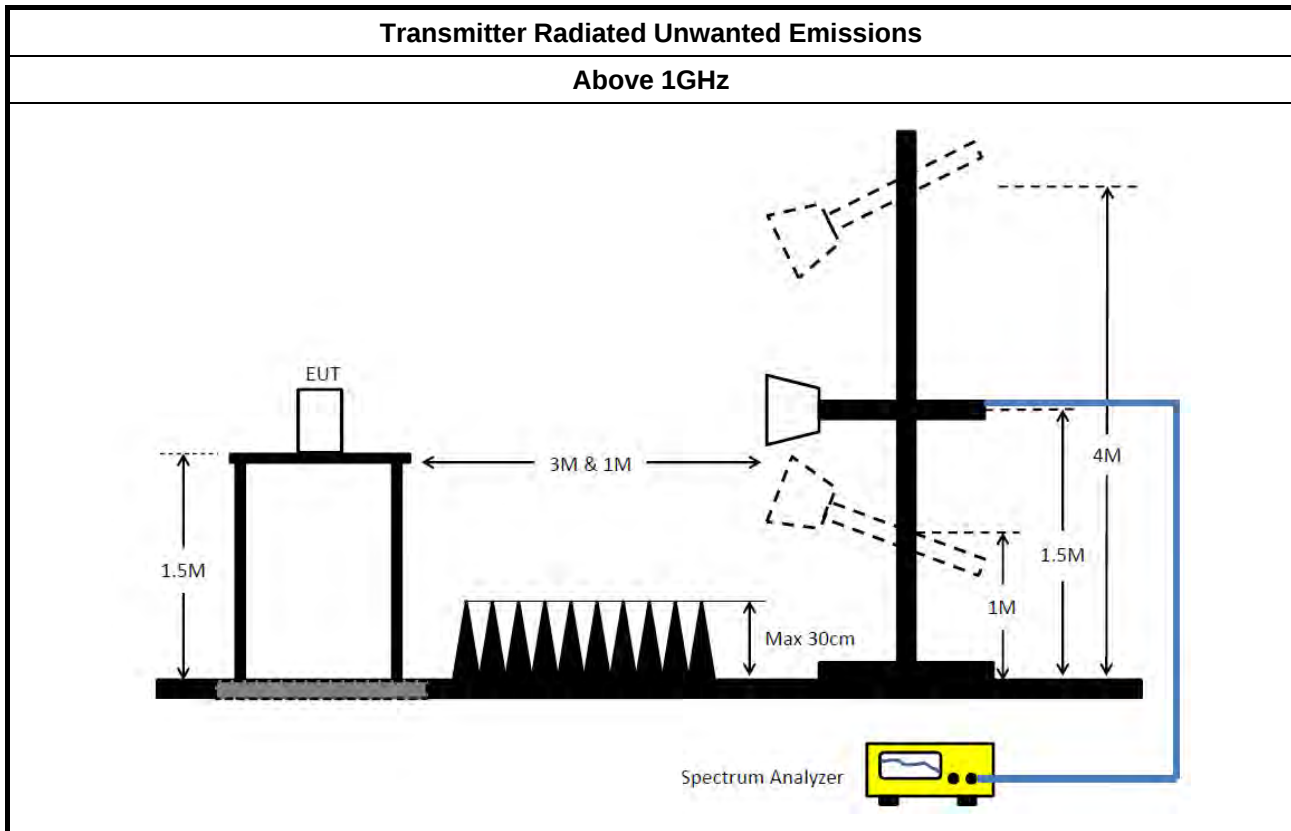
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
According to KDB 987594 D02 II.G. the unwanted emission measurement procedure shall refer to KDB 789300(except emission MASK). Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
	☐ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
	☒ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.(For restricted band average measurement)
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
	☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
For emission MASK shall be measured using following options below:	
	☒ Refer as FCC draft KDB 987594 D02, J) In-Band Emissions
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

3.4.4 Test Setup



3.4.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable)
= Level

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

3.5 Contention Based Protocol

3.5.1 Contention Based Protocol Limit

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

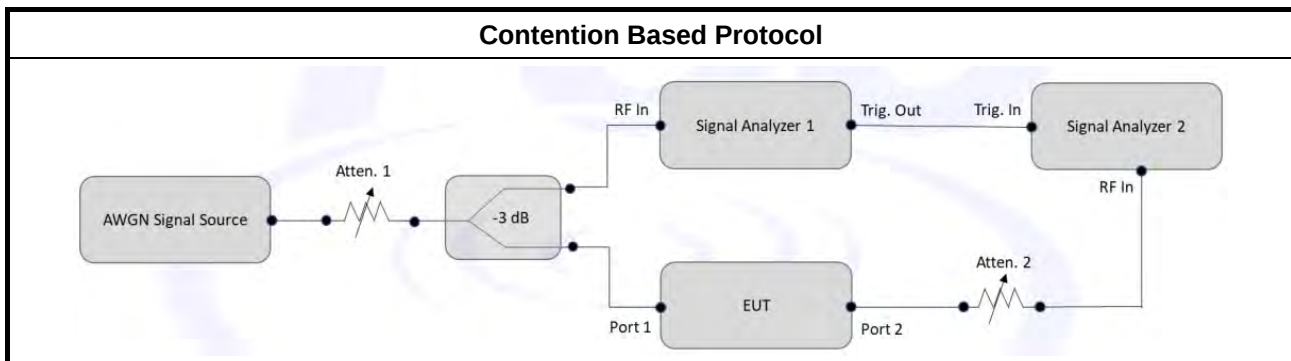
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method	
■	For Contention Based Protocol shall be measured using following options below:
☒	Refer as FCC draft KDB 987594 D02, I) In-Band Emissions

3.5.4 Test Setup



3.5.5 Test Result of Contention Based Protocol

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 07, 2021	May 06, 2022	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2020	Nov. 05, 2021	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 20, 2021	May 19, 2022	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 03, 2021	May 02, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz~40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz~40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 25, 2021	Feb. 24, 2022	Radiation (03CH04-CB)
Horn Antenna	ETS • Lindgren	3115	00143147	750MHz~ 18GHz	Oct. 23, 2020	Oct. 22, 2021	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Feb. 19, 2021	Feb. 18, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Nov. 05, 2020	Nov. 04, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz~40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz~40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Dec. 31, 2020	Dec. 30, 2021	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz ~18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz ~18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz ~18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz ~18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz ~18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz ~18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)



RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)
Spectrum Analyzer	R&S	FSV40	101025	9kHz ~ 40GHz	Nov. 06, 2021	Nov. 05, 2022	Conducted (DF02-CB)
Signal generator	R&S	SMB100A	181239	1MHz-40GHz	Dec. 30, 2020	Dec. 29, 2021	Conducted (DF02-CB)
VEKTOR SIGNAL GENERATOR	R&S	SMW200A	109426	100KHz-7.5GHz	Dec. 23, 2020	Dec. 22, 2021	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-2way -07	1GHz ~ 8GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-2way -08	1GHz ~ 8GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Power Divider	Woken	4 Way	DFS02-DV-02	1GHz ~ 6GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Power Divider	Woken	4 Way	DFS02-DV-04	1GHz ~ 6GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Power Divider	Woken	4 Way	DFS02-DV-05	1GHz ~ 6GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-61	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-62	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-63	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-64	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-66	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
100MS/s Digitizer	N.I	USB-5133	F65206	N/A	Nov. 15, 2020	Nov. 14, 2021	Conducted (DF02-CB)
100MS/s Digitizer	N.I	USB-5133	01BFB476	N/A	Mar. 22, 2021	Mar. 21, 2022	Conducted (DF02-CB)

Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

For non beamforming mode
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	27.78M	19.31M	19M3D1D	22.56M	19.22M
802.11ax HEW40_Nss1,(MCS0)_4TX	44.28M	38.201M	38M2D1D	41.7M	38.141M
802.11ax HEW80_Nss1,(MCS0)_4TX	87.96M	78.201M	78M2D1D	82.68M	77.841M
802.11ax HEW160_Nss1,(MCS0)_4TX	169.2M	157.361M	157MD1D	163.68M	156.402M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	29.1M	19.31M	19M3D1D	22.05M	19.19M
802.11ax HEW40_Nss1,(MCS0)_4TX	44.52M	38.201M	38M2D1D	41.04M	38.081M
802.11ax HEW80_Nss1,(MCS0)_4TX	86.76M	78.201M	78M2D1D	84.24M	77.961M
802.11ax HEW160_Nss1,(MCS0)_4TX	165.84M	157.361M	157MD1D	164.64M	157.121M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	27.18M	19.28M	19M3D1D	22.8M	19.22M
802.11ax HEW40_Nss1,(MCS0)_4TX	47.58M	38.261M	38M3D1D	41.4M	38.141M
802.11ax HEW80_Nss1,(MCS0)_4TX	89.76M	78.201M	78M2D1D	82.8M	77.841M
802.11ax HEW160_Nss1,(MCS0)_4TX	167.52M	157.601M	158MD1D	165.12M	156.882M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	28.23M	19.34M	19M3D1D	22.26M	19.19M
802.11ax HEW40_Nss1,(MCS0)_4TX	46.26M	38.261M	38M3D1D	40.98M	38.141M
802.11ax HEW80_Nss1,(MCS0)_4TX	86.16M	78.201M	78M2D1D	82.8M	77.961M
802.11ax HEW160_Nss1,(MCS0)_4TX	166.08M	157.121M	157MD1D	165.12M	156.882M

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

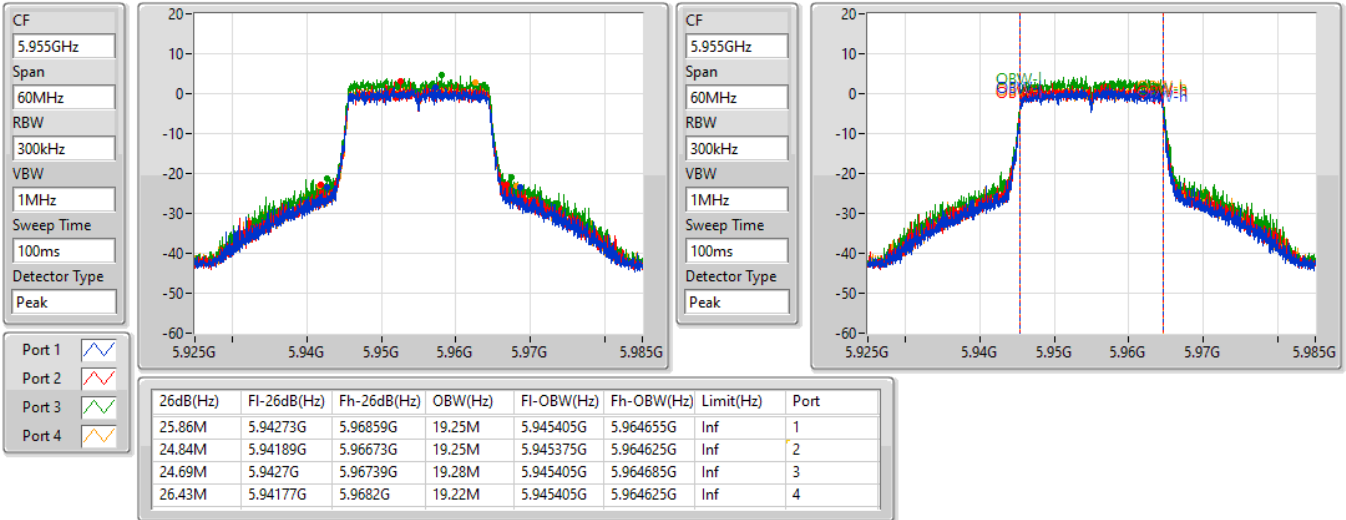
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	25.86M	19.25M	24.84M	19.25M	24.69M	19.28M	26.43M	19.22M
6175MHz	Pass	Inf	25.11M	19.25M	24.6M	19.25M	27.78M	19.22M	25.35M	19.25M
6415MHz	Pass	Inf	26.55M	19.22M	22.74M	19.28M	25.56M	19.31M	22.56M	19.25M
6435MHz	Pass	Inf	22.74M	19.25M	23.97M	19.28M	23.76M	19.25M	25.92M	19.28M
6475MHz	Pass	Inf	25.5M	19.31M	26.16M	19.28M	26.61M	19.28M	24.27M	19.25M
6515MHz	Pass	Inf	24.57M	19.28M	22.05M	19.19M	29.1M	19.28M	23.76M	19.25M
6535MHz	Pass	Inf	27.18M	19.22M	23.49M	19.25M	25.35M	19.28M	23.31M	19.22M
6695MHz	Pass	Inf	26.22M	19.25M	24.51M	19.25M	23.55M	19.25M	22.8M	19.25M
6855MHz	Pass	Inf	27.15M	19.25M	23.22M	19.22M	26.7M	19.28M	26.67M	19.25M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	24.09M	19.28M	23.49M	19.22M	26.43M	19.22M	24.36M	19.28M
6895MHz	Pass	Inf	23.28M	19.34M	24.93M	19.19M	23.1M	19.25M	27.3M	19.25M
6995MHz	Pass	Inf	28.23M	19.31M	24.12M	19.25M	22.26M	19.25M	24.84M	19.28M
7095MHz	Pass	Inf	27.48M	19.25M	24.33M	19.28M	26.16M	19.31M	27.03M	19.28M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	42M	38.141M	43.02M	38.141M	43.44M	38.141M	44.28M	38.141M
6165MHz	Pass	Inf	43.08M	38.141M	42.12M	38.141M	43.44M	38.141M	42.18M	38.141M
6405MHz	Pass	Inf	41.7M	38.201M	42.06M	38.141M	43.74M	38.201M	42.3M	38.201M
6445MHz	Pass	Inf	42.54M	38.141M	42M	38.141M	44.1M	38.201M	43.44M	38.141M
6485MHz	Pass	Inf	43.08M	38.201M	42.24M	38.141M	41.04M	38.201M	42.12M	38.141M
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	42.18M	38.141M	43.5M	38.201M	44.52M	38.081M	42.12M	38.201M
6565MHz	Pass	Inf	42.54M	38.141M	41.4M	38.261M	43.8M	38.201M	43.08M	38.141M
6685MHz	Pass	Inf	44.82M	38.201M	42.78M	38.141M	43.56M	38.141M	42.6M	38.141M
6845MHz	Pass	Inf	45.12M	38.261M	41.94M	38.141M	47.58M	38.141M	42.3M	38.141M
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	45.06M	38.141M	42.36M	38.201M	44.22M	38.201M	42.6M	38.141M
6925MHz	Pass	Inf	42.48M	38.141M	42.36M	38.201M	40.98M	38.141M	41.52M	38.201M
7005MHz	Pass	Inf	44.58M	38.261M	43.02M	38.141M	42.78M	38.141M	44.04M	38.201M
7085MHz	Pass	Inf	44.58M	38.201M	46.26M	38.261M	44.16M	38.201M	45.36M	38.261M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	86.04M	78.201M	83.52M	77.841M	84.72M	77.841M	83.04M	77.841M
6145MHz	Pass	Inf	87.96M	78.081M	84.36M	78.081M	82.68M	78.081M	84.36M	78.081M
6385MHz	Pass	Inf	83.64M	77.961M	83.52M	77.961M	84.48M	78.201M	84.72M	78.081M
6465MHz	Pass	Inf	84.24M	78.081M	86.76M	78.201M	84.72M	77.961M	85.68M	77.961M
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	84.84M	78.081M	85.68M	78.201M	86.52M	78.081M	85.8M	78.201M
6625MHz	Pass	Inf	84.48M	78.081M	84.48M	78.081M	86.88M	78.201M	84.96M	78.081M
6705MHz	Pass	Inf	89.76M	78.081M	85.56M	78.081M	84.12M	78.081M	85.92M	78.081M
6785MHz	Pass	Inf	84.84M	78.081M	84.72M	77.841M	83.4M	77.961M	86.52M	78.201M
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	85.44M	78.081M	83.4M	77.961M	82.8M	77.961M	84.96M	78.081M
6945MHz	Pass	Inf	84.48M	78.201M	85.2M	78.081M	83.88M	77.961M	86.16M	77.961M
7025MHz	Pass	Inf	86.16M	78.081M	85.44M	78.081M	82.8M	78.081M	83.28M	78.081M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	164.88M	157.361M	169.2M	157.361M	165.12M	156.882M	165.12M	157.121M
6185MHz	Pass	Inf	165.36M	156.642M	164.4M	156.642M	164.88M	156.402M	163.68M	156.642M
6345MHz	Pass	Inf	165.84M	156.882M	165.36M	156.882M	165.36M	157.121M	165.6M	157.361M
6505MHz Straddle 6.425-6.525GHz	Pass	Inf	165.84M	157.361M	165.84M	157.121M	164.64M	157.121M	165.84M	157.361M
6665MHz	Pass	Inf	165.6M	157.361M	166.08M	157.121M	165.36M	157.361M	167.52M	157.601M
6825MHz Straddle 6.525-6.875GHz	Pass	Inf	165.6M	157.361M	165.6M	157.121M	165.36M	156.882M	165.12M	157.121M
6985MHz	Pass	Inf	166.08M	156.882M	165.12M	157.121M	165.36M	157.121M	165.12M	156.882M

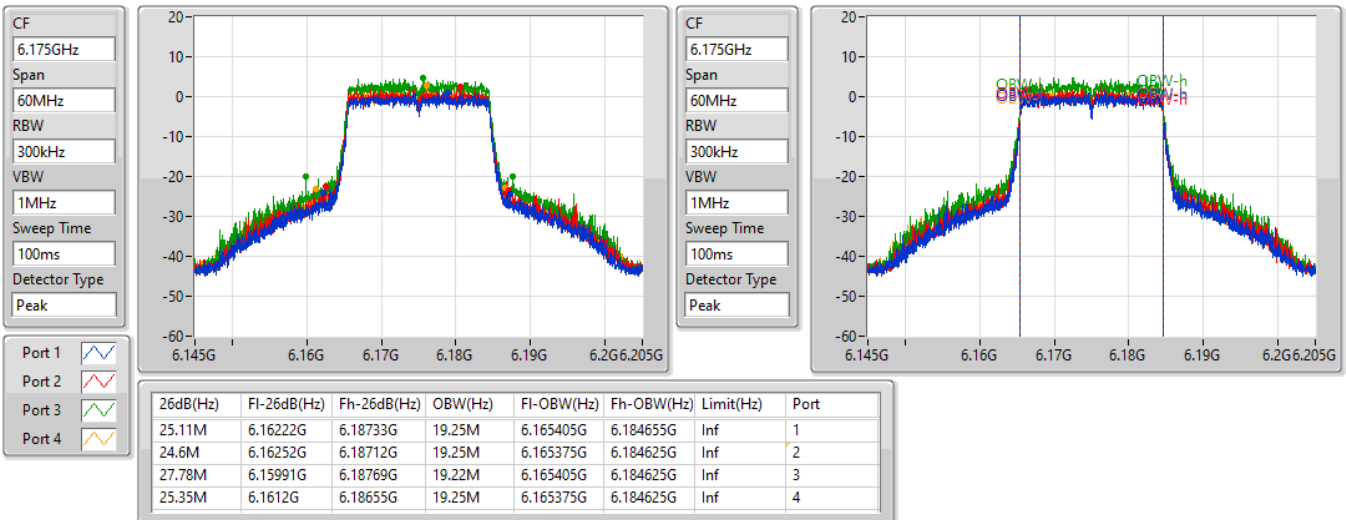
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5955MHz

16/09/2021

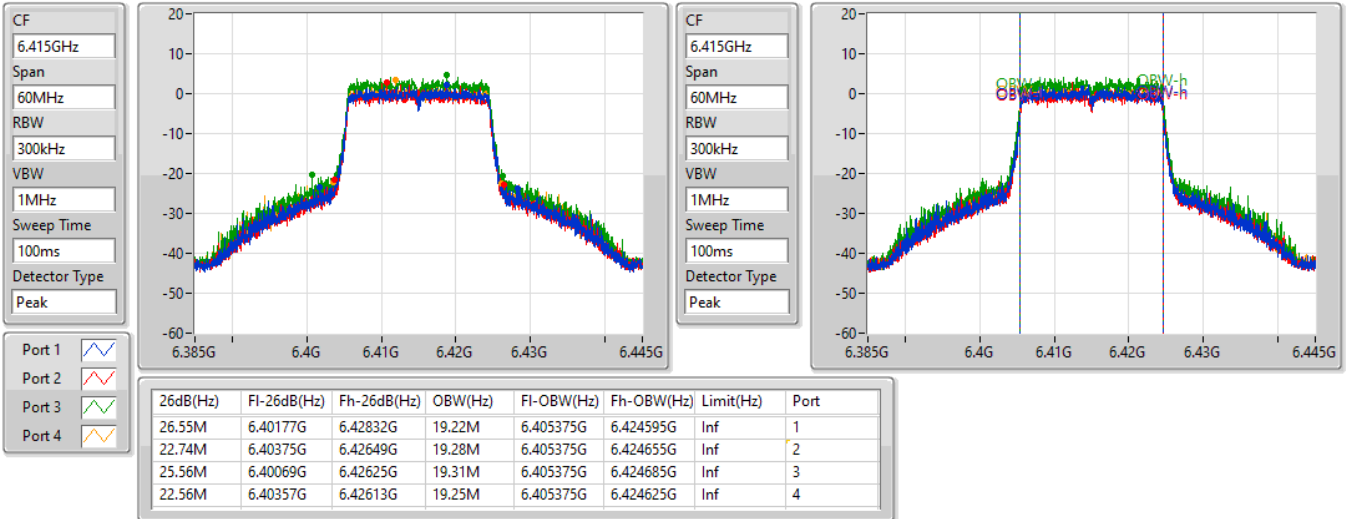

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
6175MHz

16/09/2021

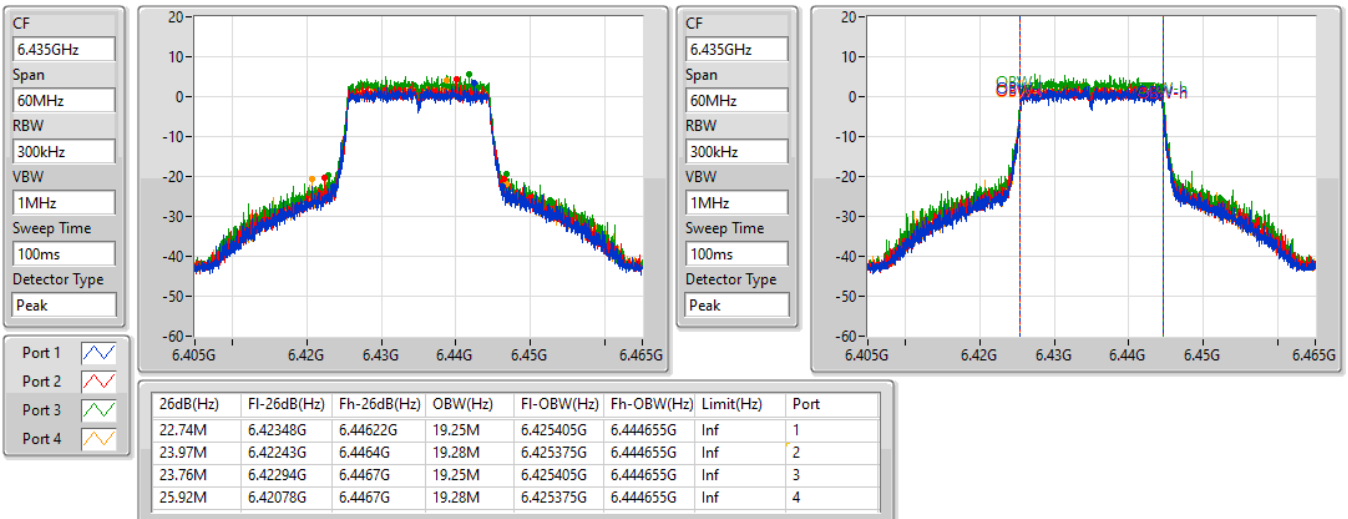


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
6415MHz

16/09/2021

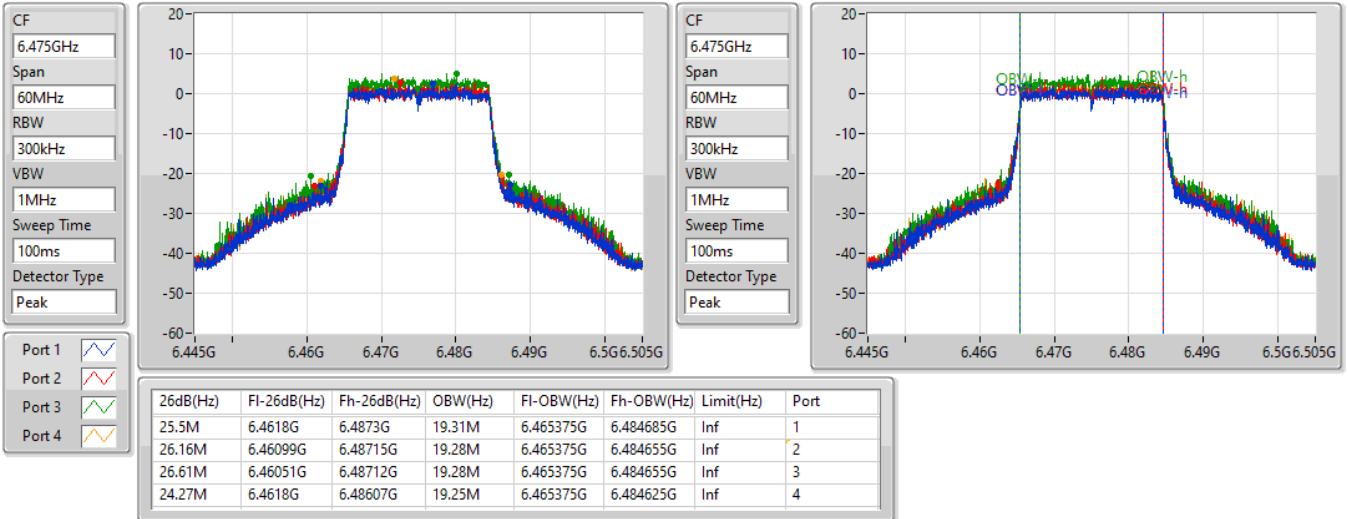

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
6435MHz

16/09/2021



802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
6475MHz

16/09/2021

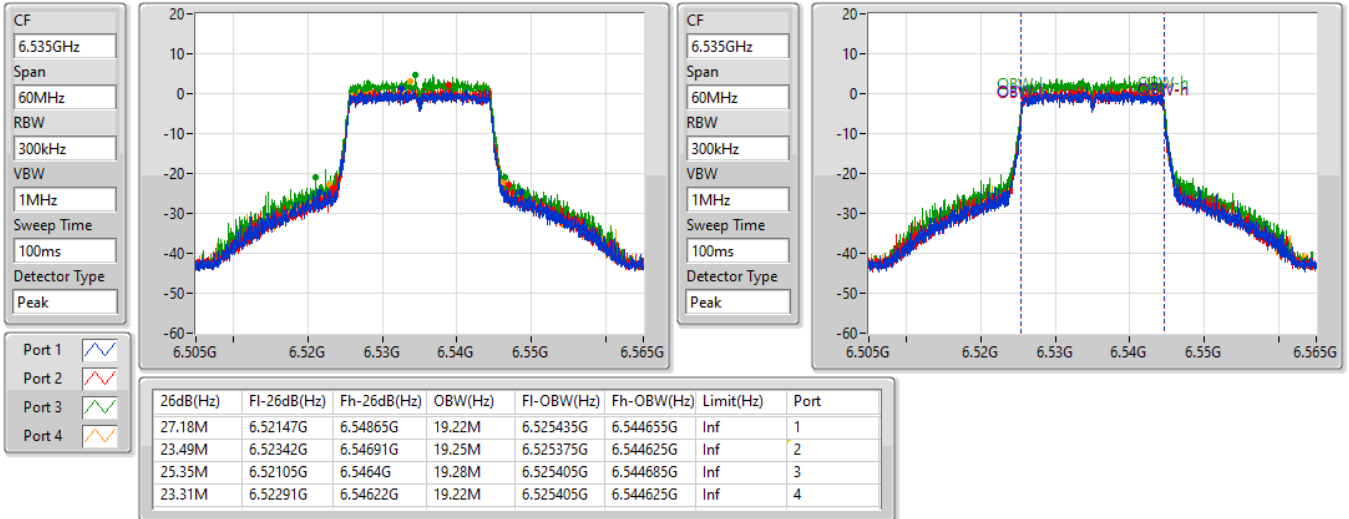

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
6515MHz

16/09/2021

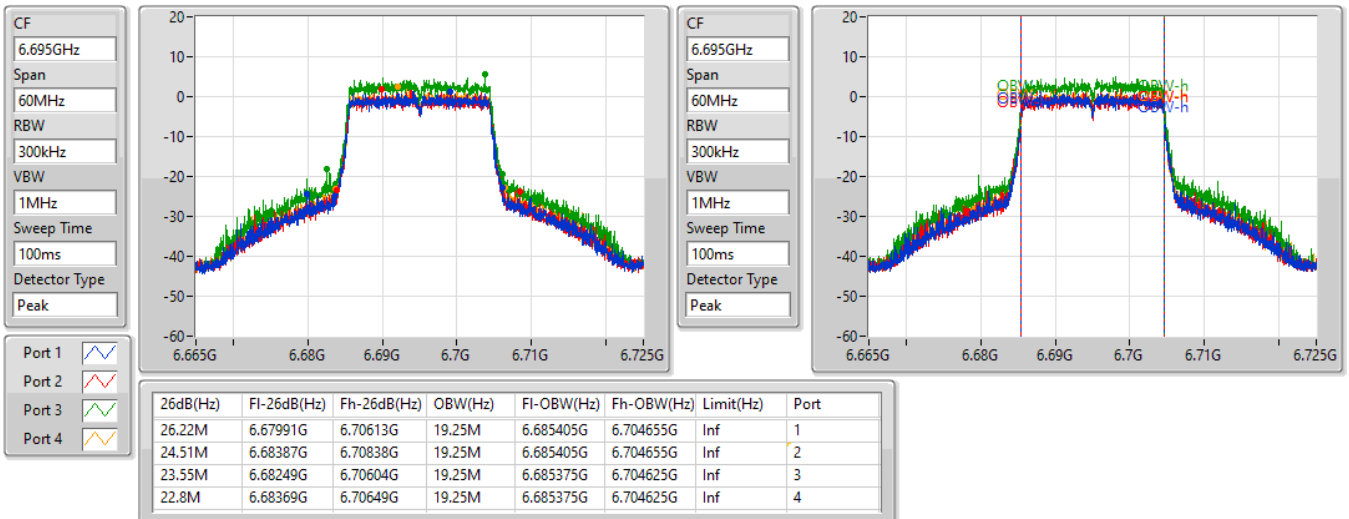


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
6535MHz

16/09/2021

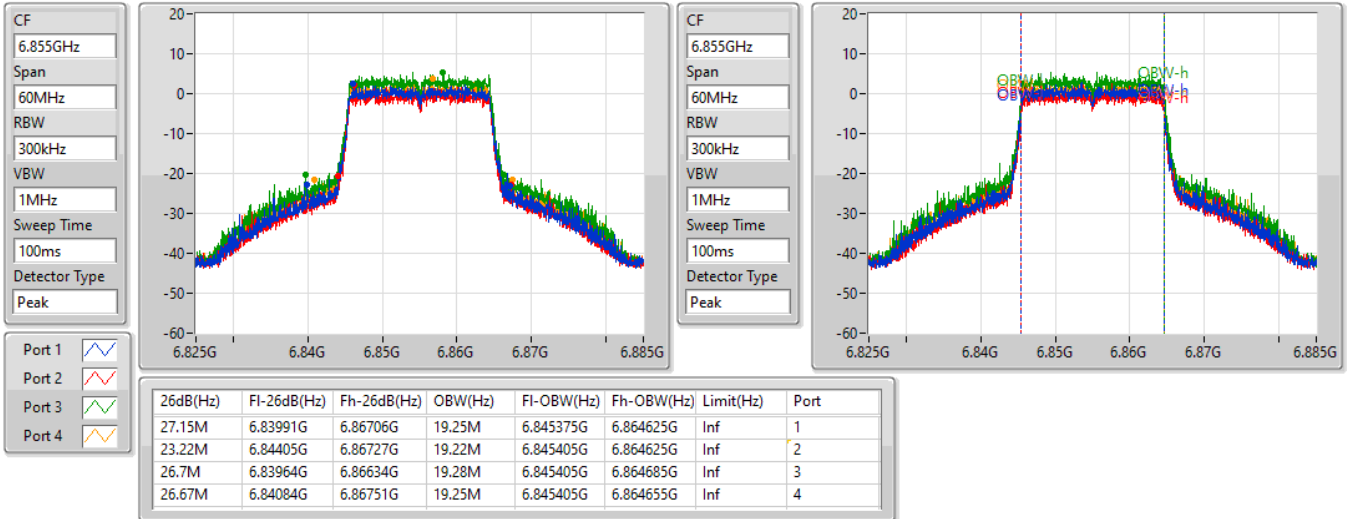

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
6695MHz

16/09/2021

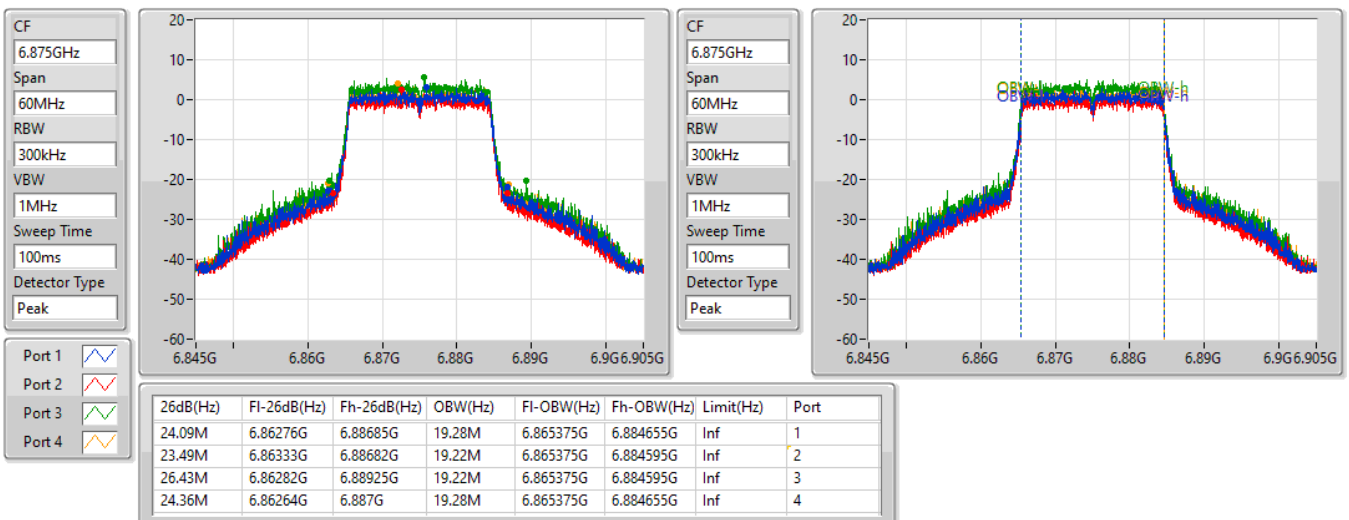


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
6855MHz

16/09/2021


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
6875MHz Straddle 6.525-6.875GHz

16/09/2021

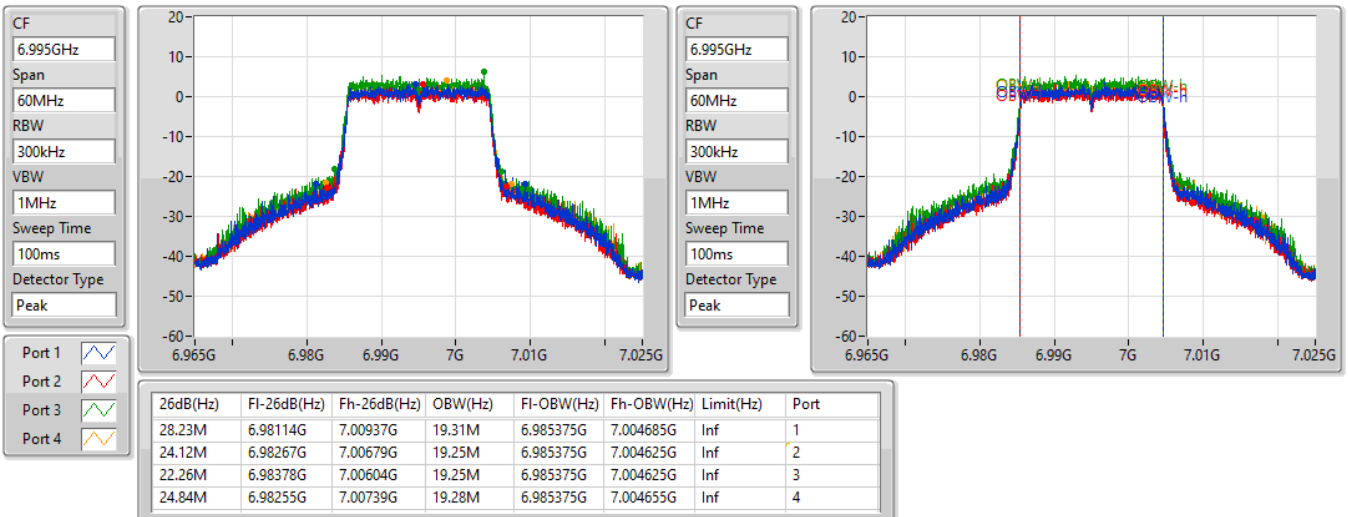


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
6895MHz

16/09/2021

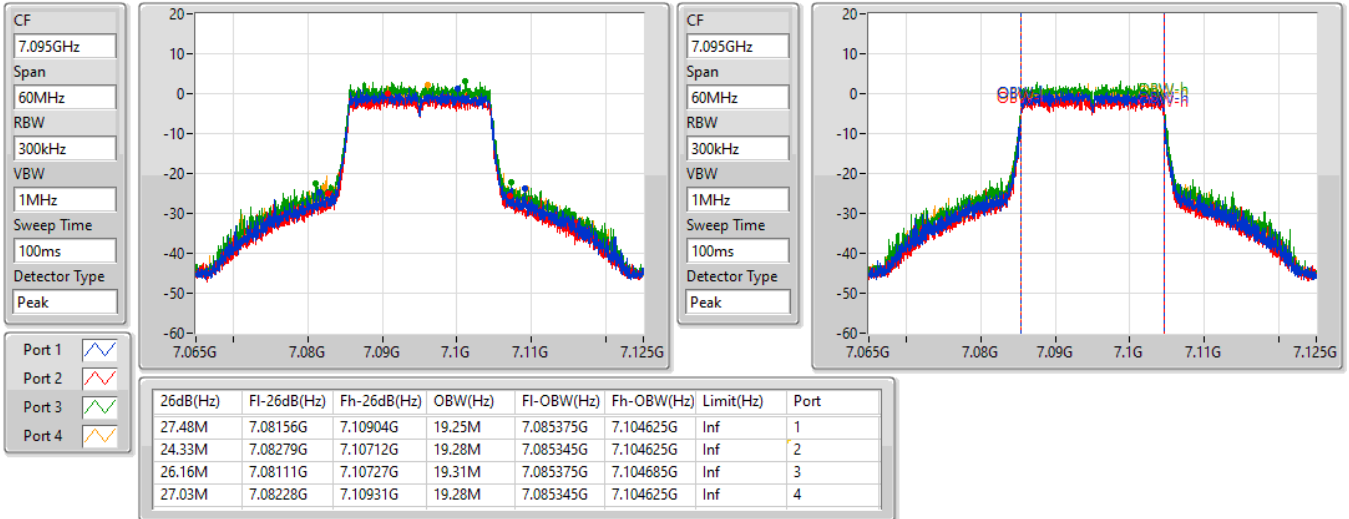

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
6995MHz

16/09/2021

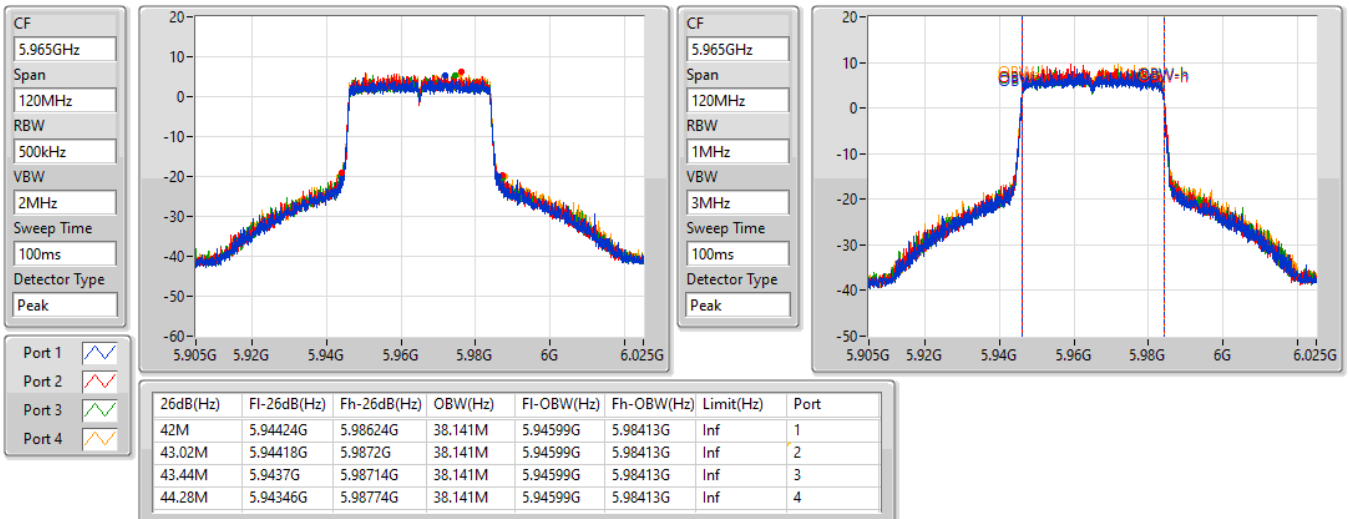


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
7095MHz

16/09/2021


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5965MHz

17/09/2021



802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
6165MHz

17/09/2021

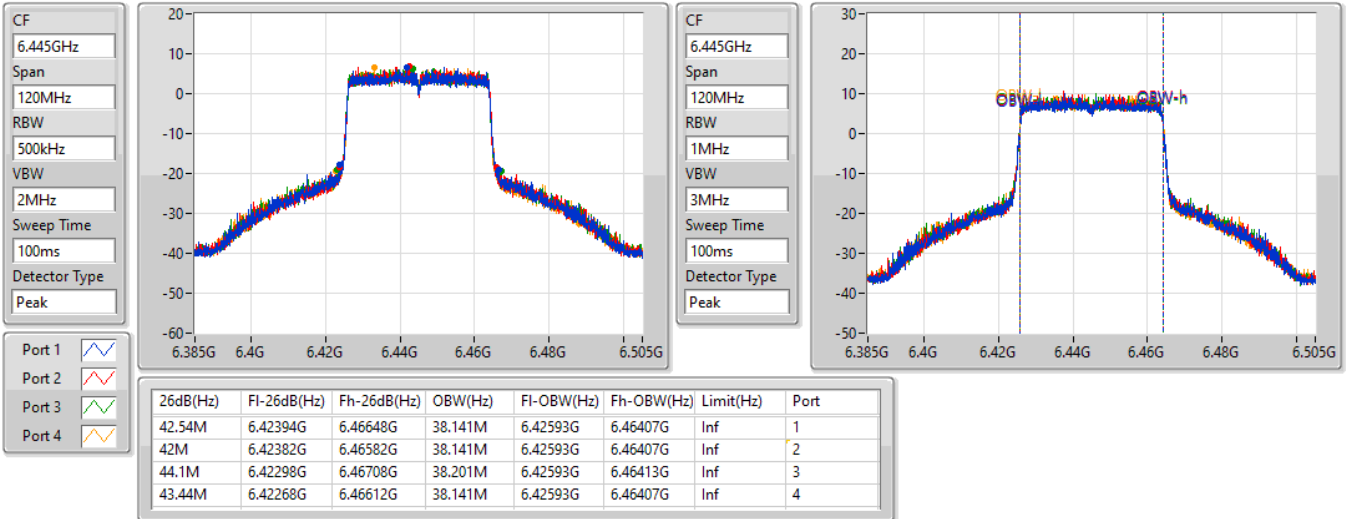

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
6405MHz

17/09/2021

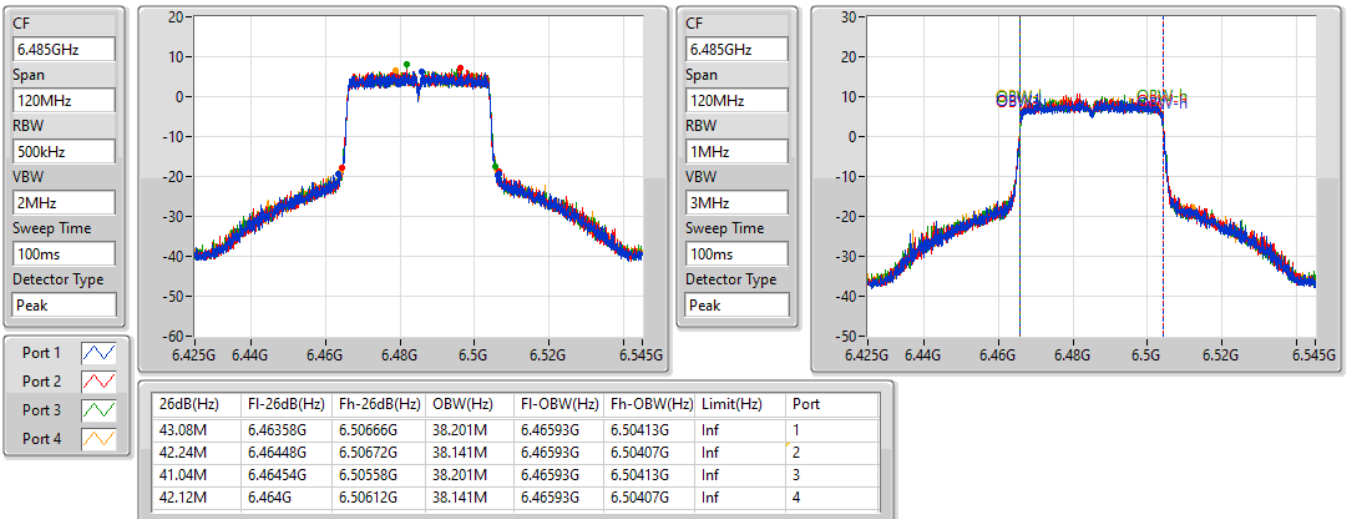


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
6445MHz

17/09/2021


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
6485MHz

17/09/2021

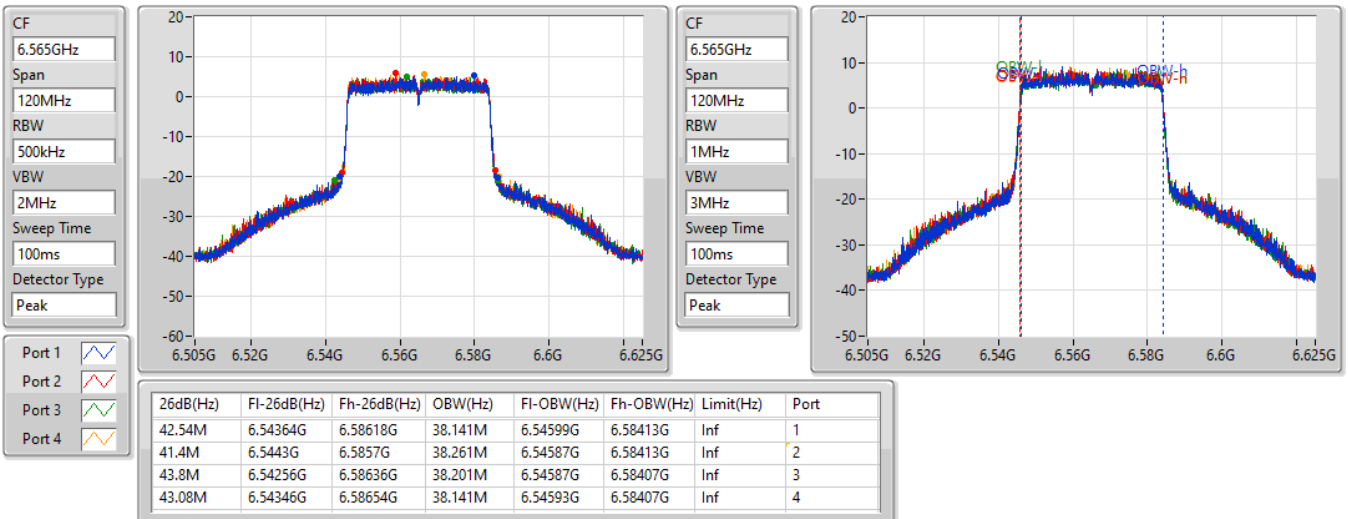


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
6525MHz Straddle 6.425-6.525GHz

17/09/2021


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
6565MHz

17/09/2021



802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
6685MHz

17/09/2021

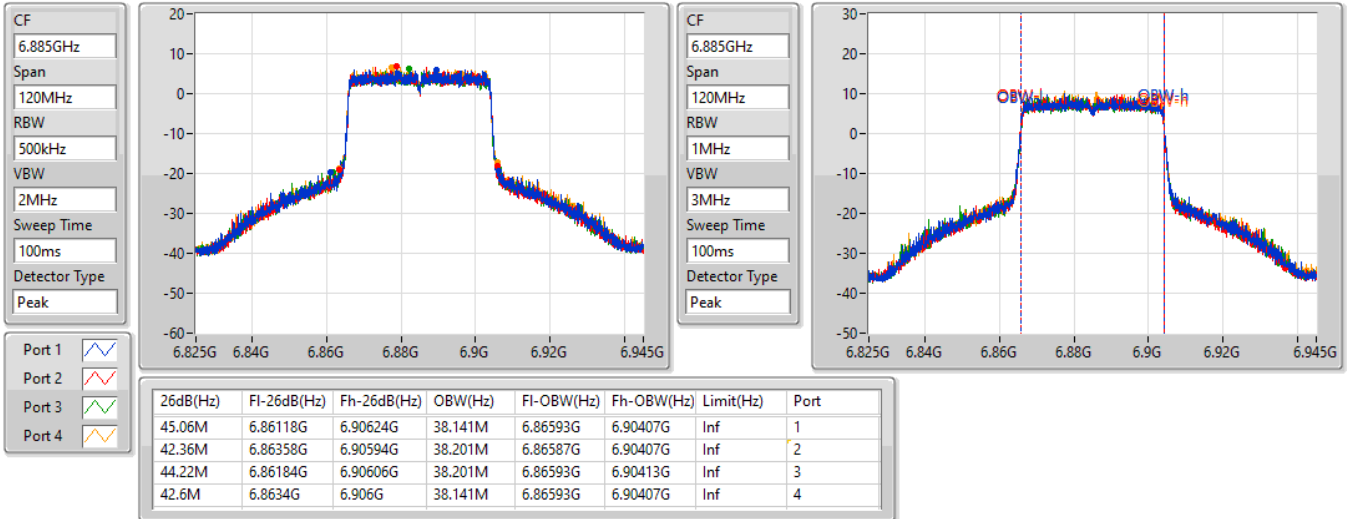

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
6845MHz

17/09/2021

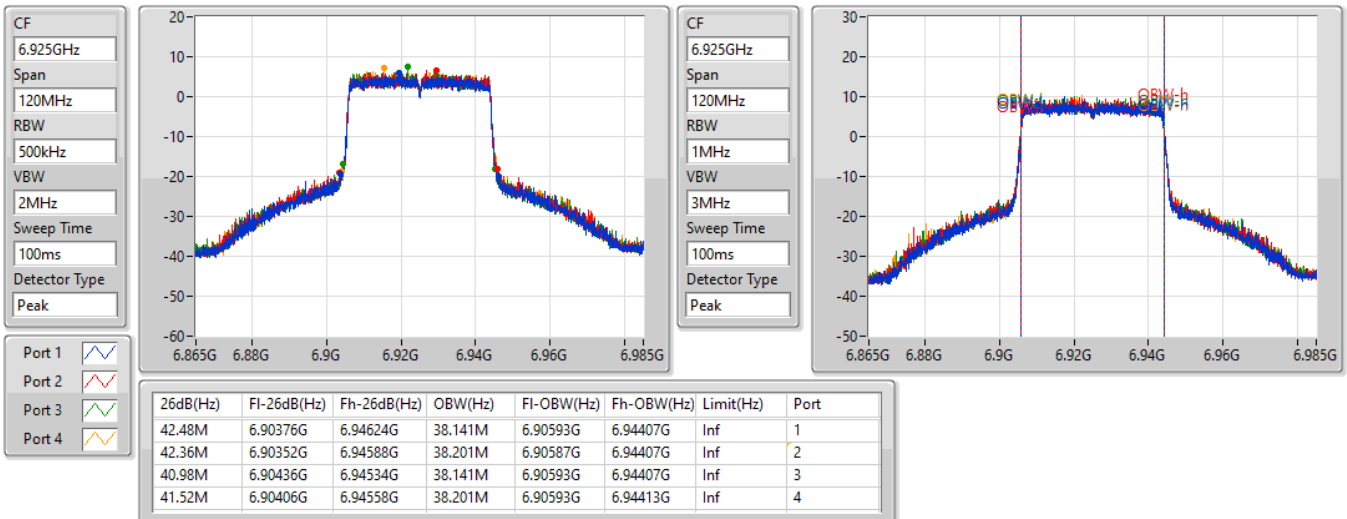


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
6885MHz Straddle 6.525-6.875GHz

17/09/2021

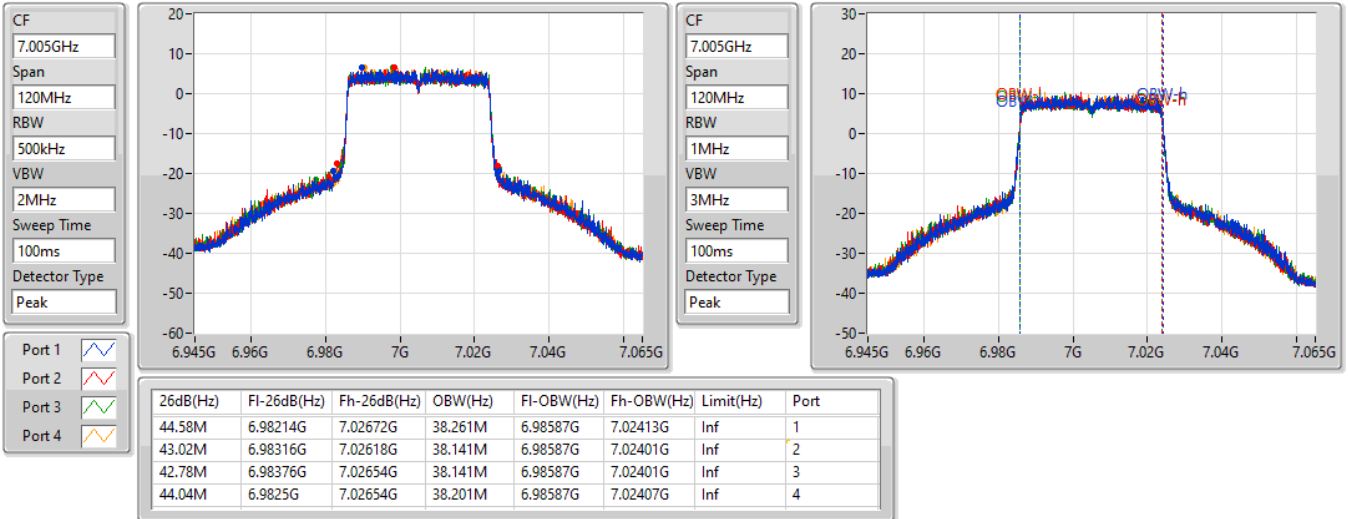

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
6925MHz

17/09/2021



802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
7005MHz

17/09/2021

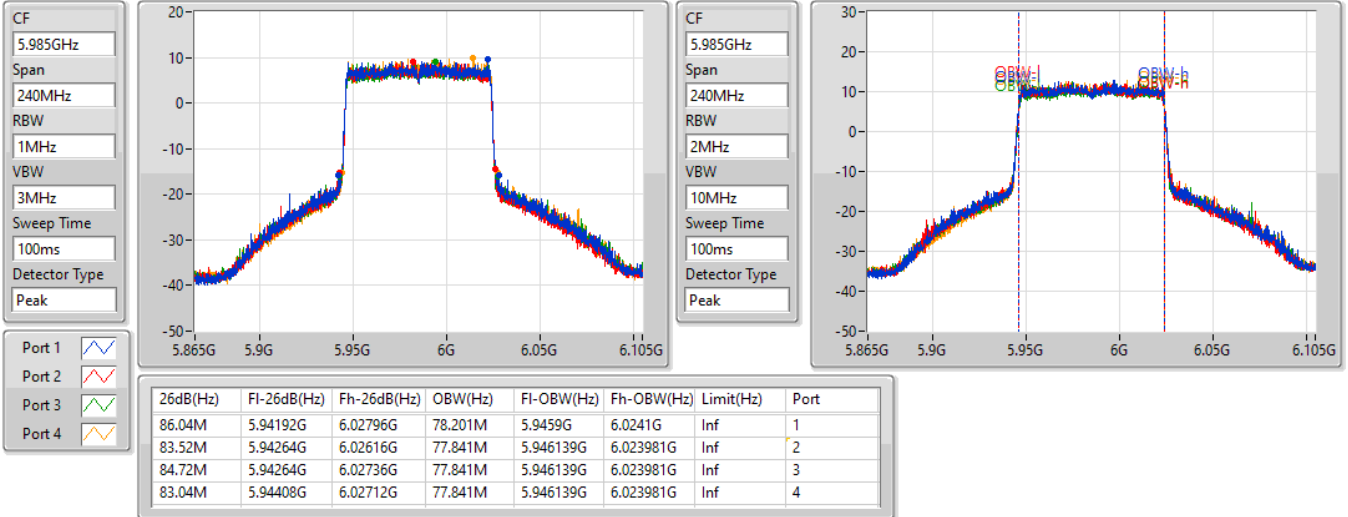

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
7085MHz

17/09/2021

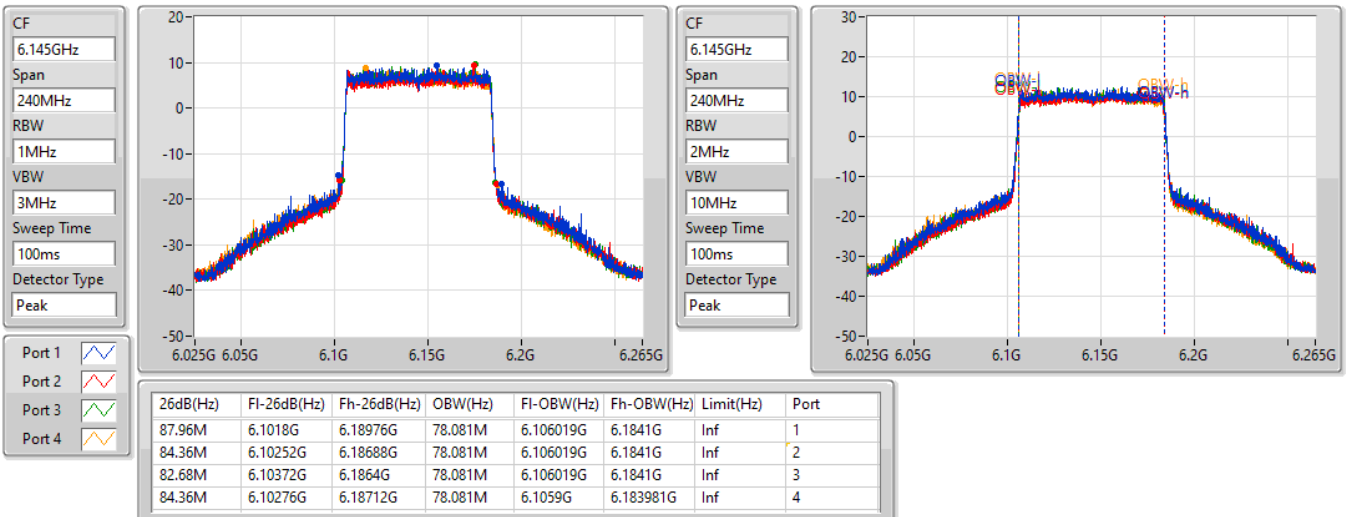


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5985MHz

17/09/2021


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
6145MHz

17/09/2021

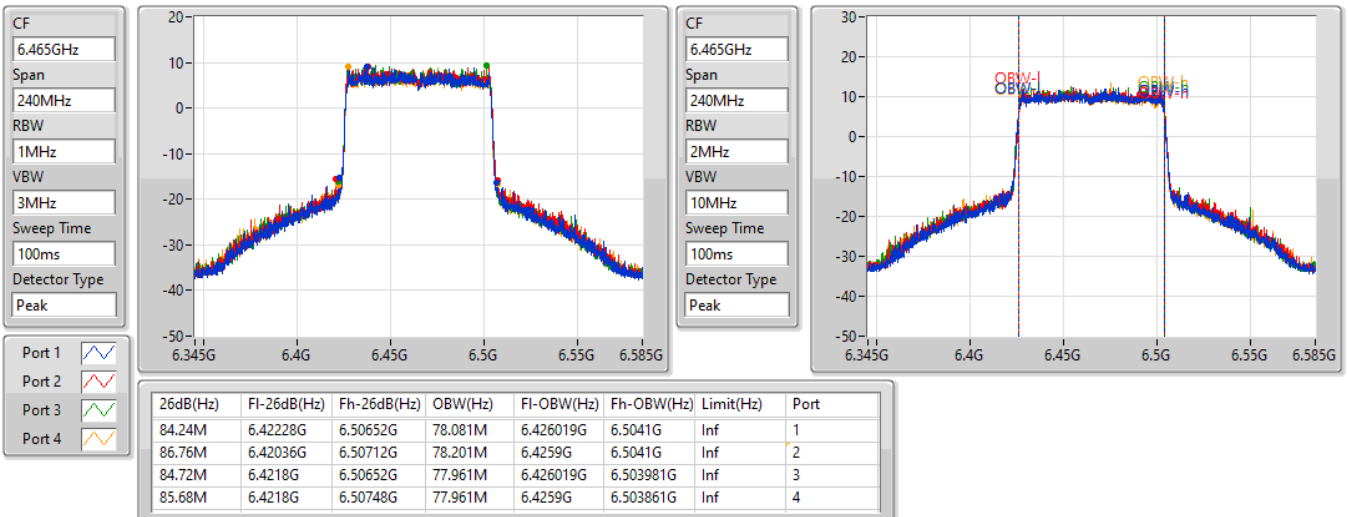


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
6385MHz

17/09/2021


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
6465MHz

17/09/2021



802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
6545MHz Straddle 6.425-6.525GHz

17/09/2021

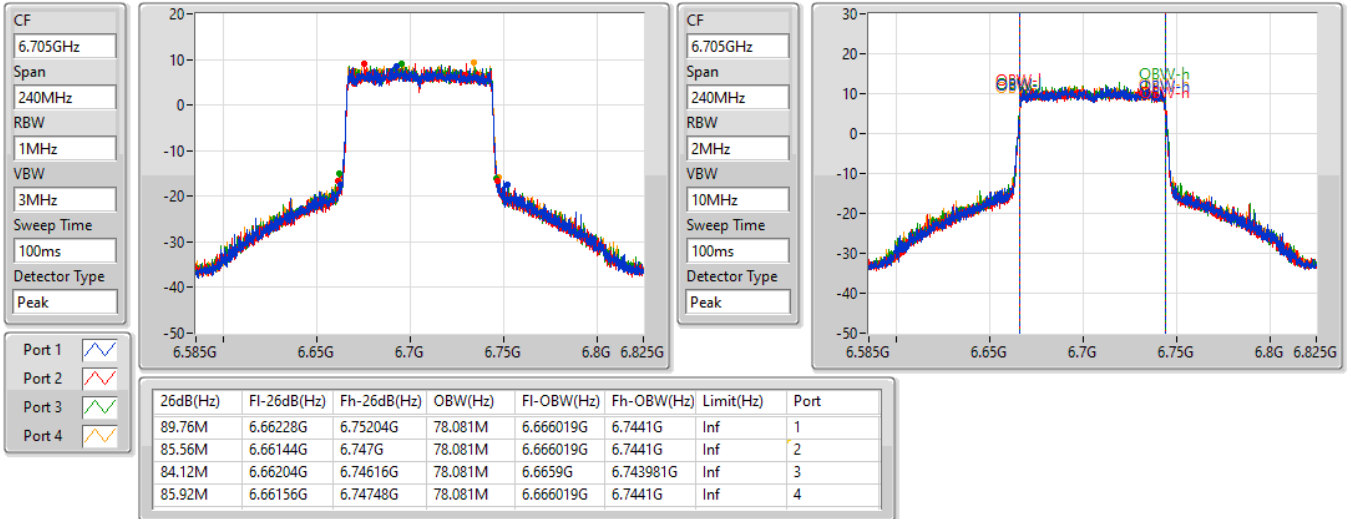

802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
6625MHz

17/09/2021



802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
6705MHz

17/09/2021

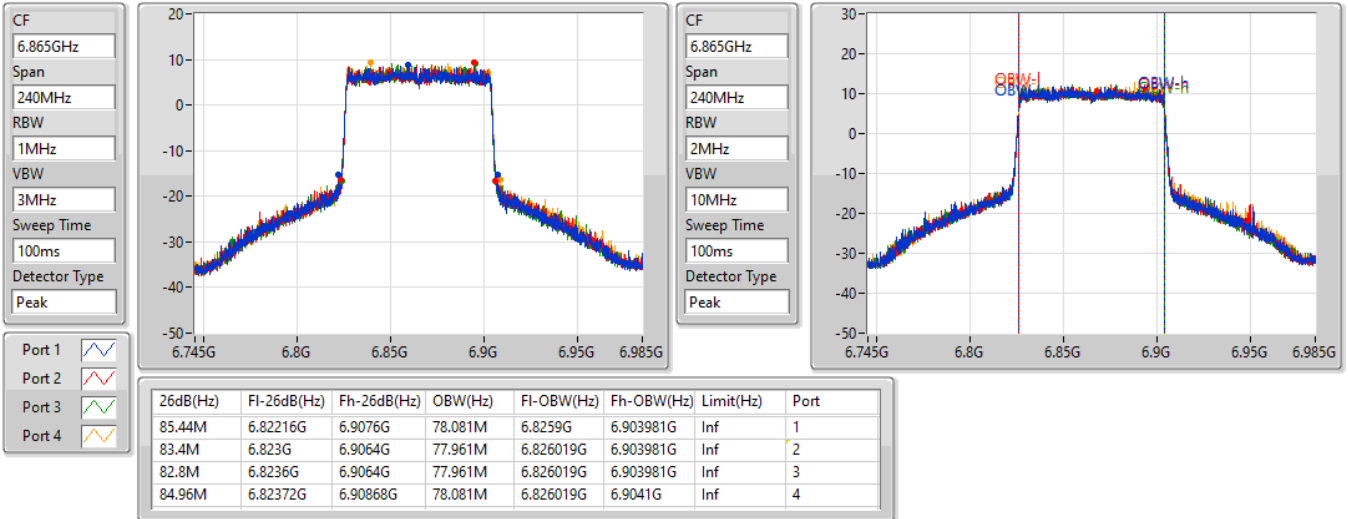

802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
6785MHz

17/09/2021

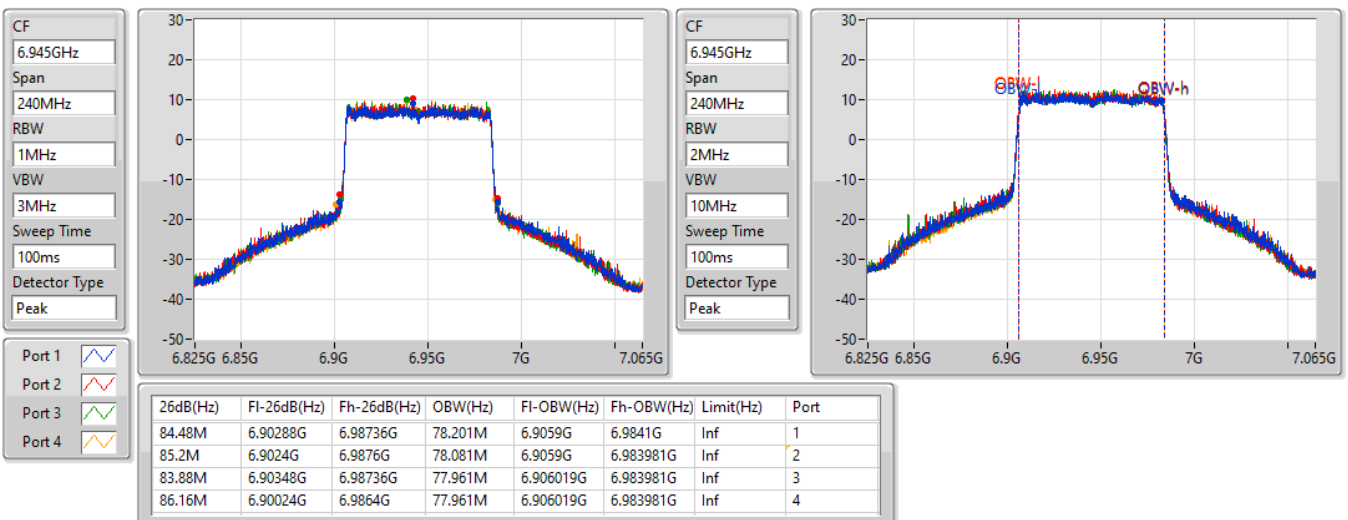


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
6865MHz Straddle 6.525-6.875GHz

17/09/2021

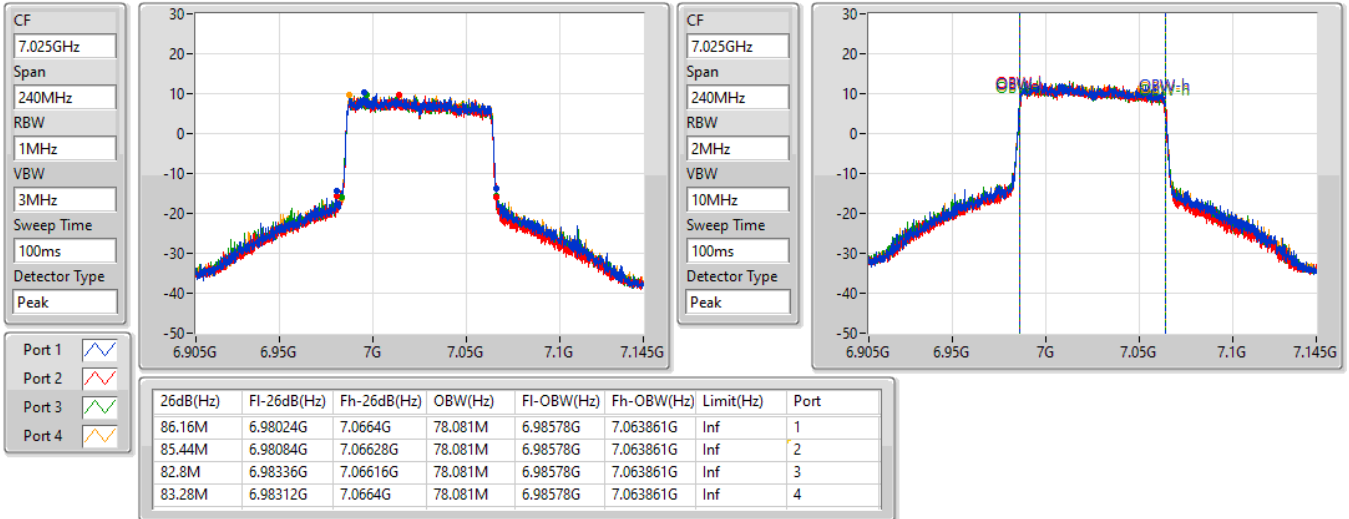

802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
6945MHz

17/09/2021

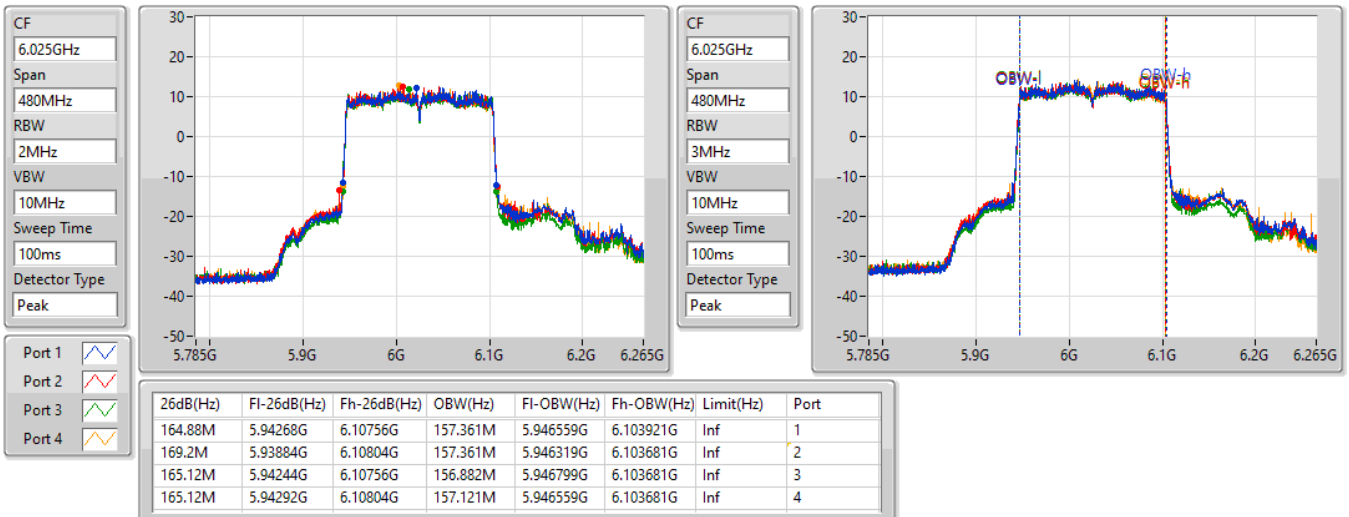


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
7025MHz

17/09/2021

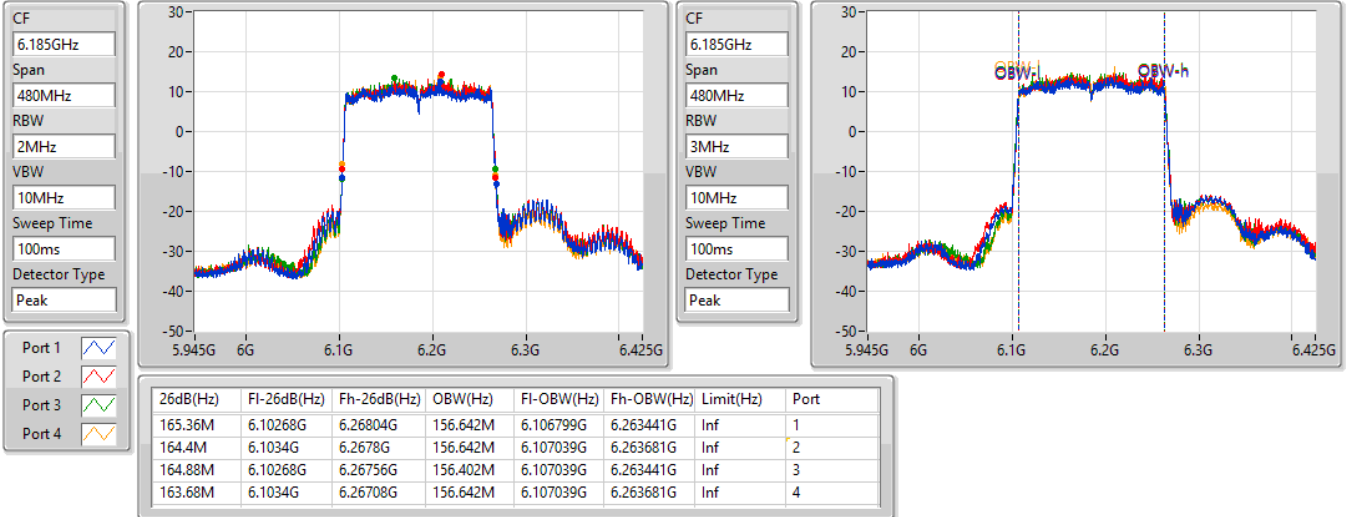

802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
6025MHz

17/09/2021

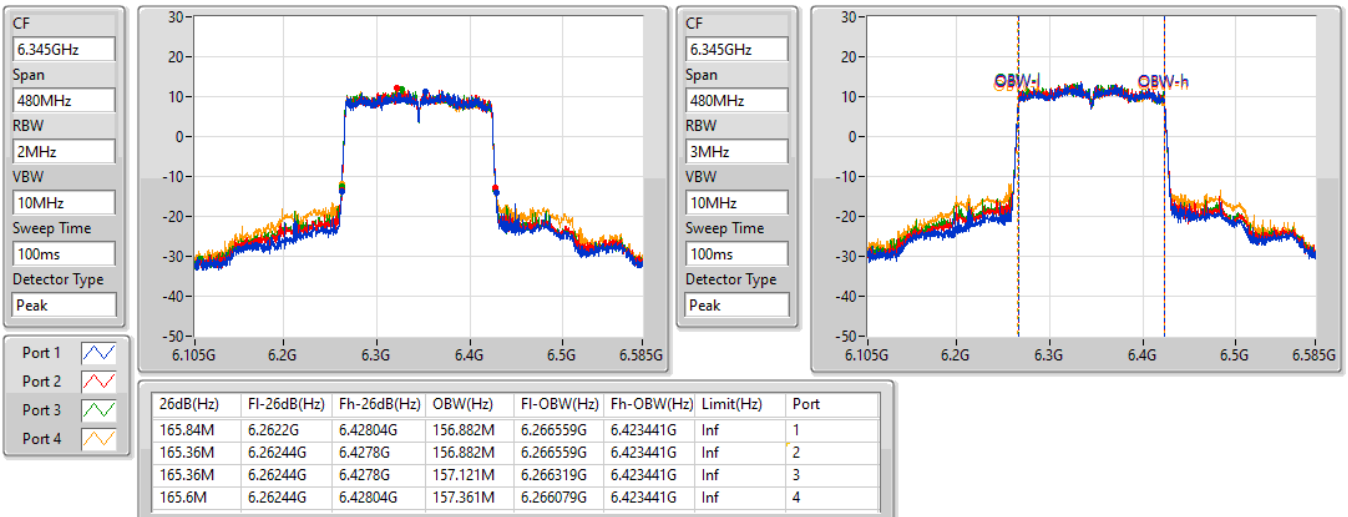


802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
6185MHz

12/11/2021

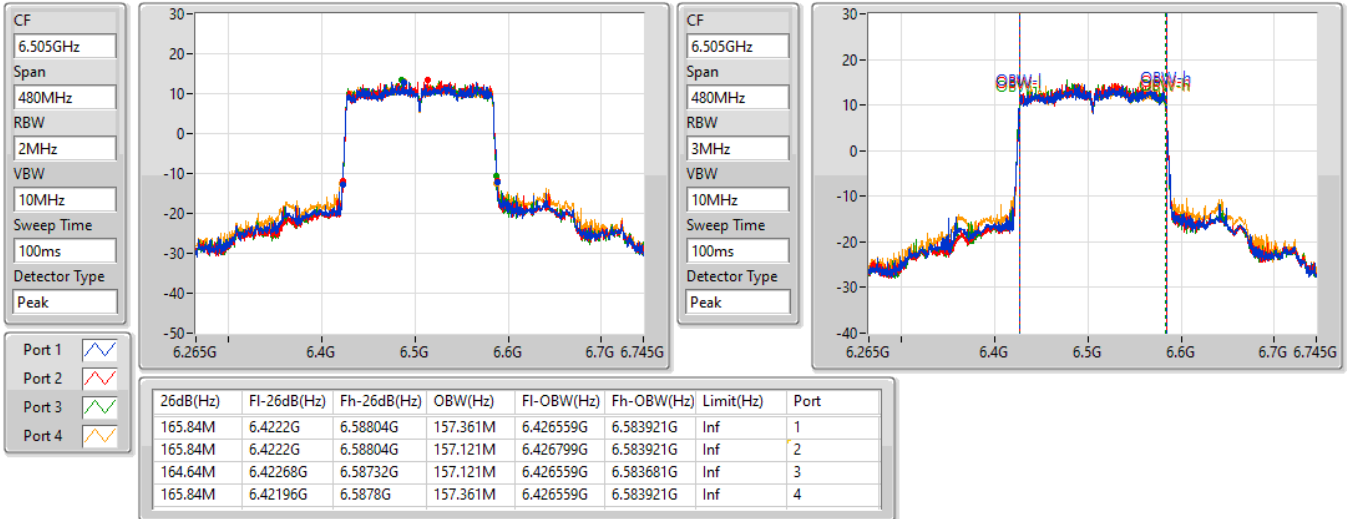

802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
6345MHz

17/09/2021

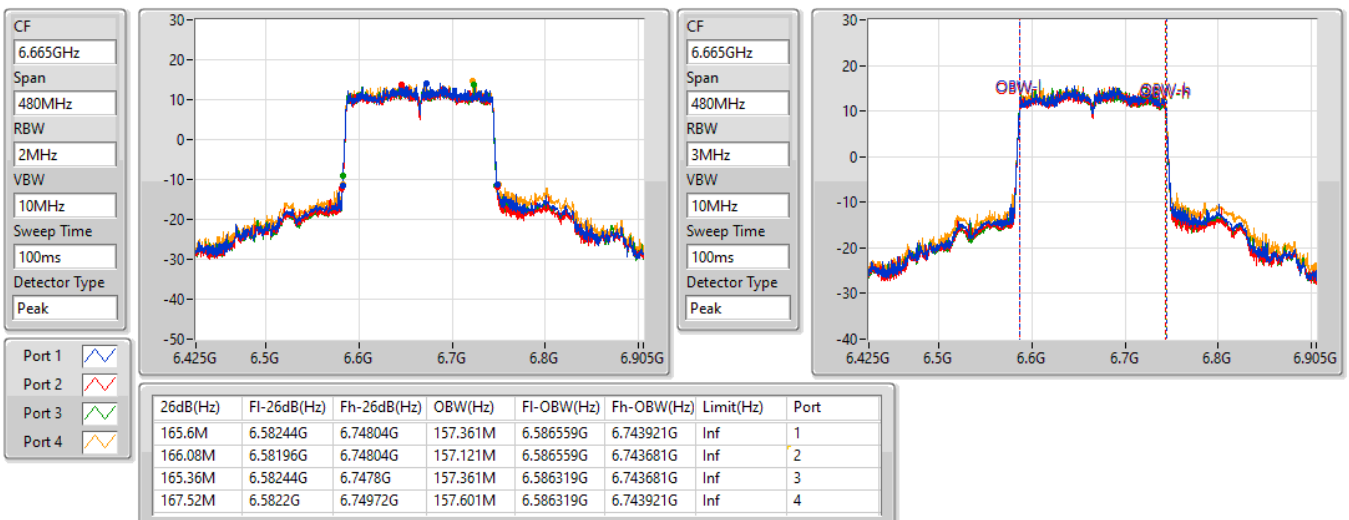


802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
6505MHz Straddle 6.425-6.525GHz

17/09/2021

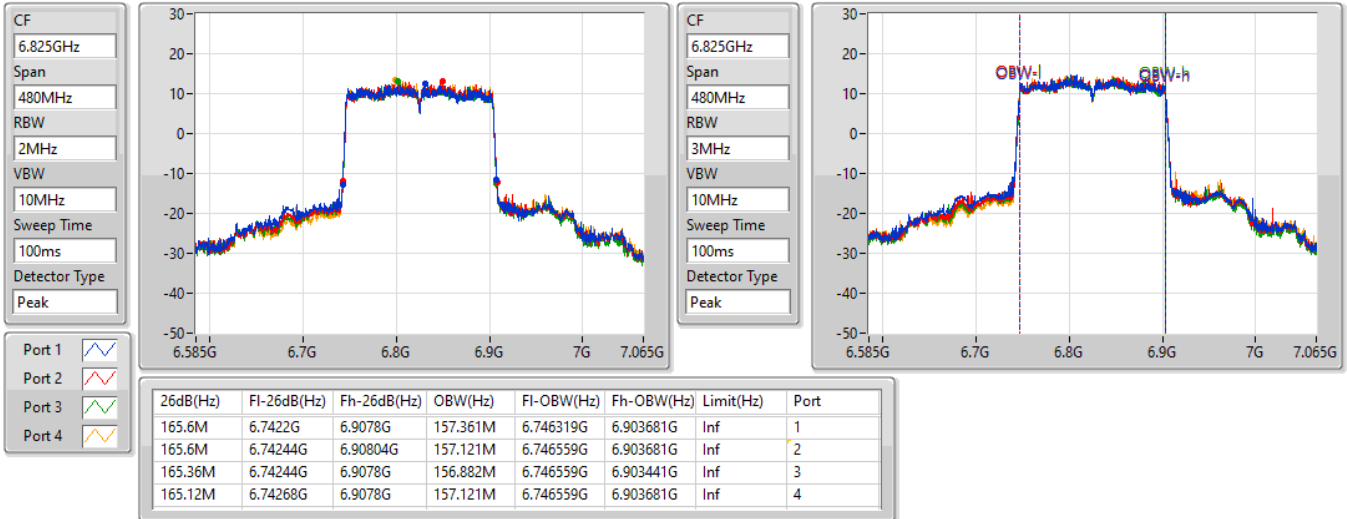

802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
6665MHz

17/09/2021

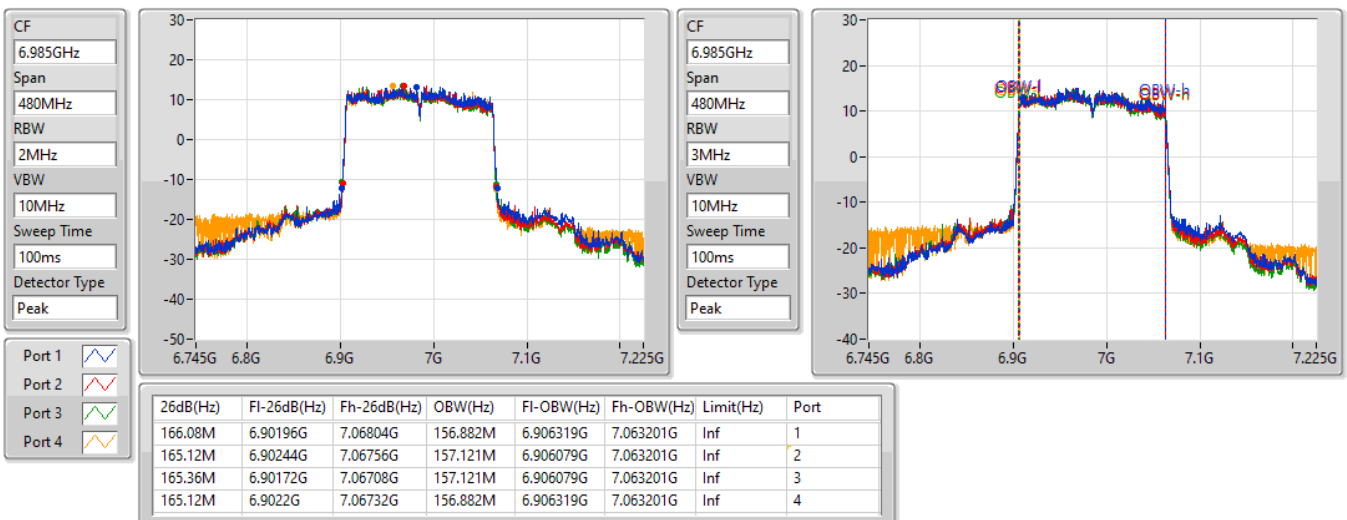


802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
6825MHz Straddle 6.525-6.875GHz

17/09/2021


802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
6985MHz

17/09/2021



For beamforming mode
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.56M	19.34M	19M3D1D	22.2M	19.25M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	45.84M	38.201M	38M2D1D	41.16M	38.081M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	86.28M	77.961M	78M0D1D	82.32M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	166.32M	157.361M	157MD1D	163.92M	156.402M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.34M	19.34M	19M3D1D	22.89M	19.25M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	44.1M	38.201M	38M2D1D	41.82M	38.081M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	87.48M	78.201M	78M2D1D	83.28M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	215.28M	157.601M	158MD1D	164.88M	156.882M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.96M	19.34M	19M3D1D	23.76M	19.22M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	45.36M	38.201M	38M2D1D	41.16M	38.081M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	91.2M	78.201M	78M2D1D	82.68M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165.84M	157.601M	158MD1D	165.12M	156.882M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.17M	19.34M	19M3D1D	22.05M	19.22M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	43.38M	38.261M	38M3D1D	40.98M	38.081M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	90.48M	78.081M	78M1D1D	82.92M	77.961M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	210M	157.601M	158MD1D	164.88M	157.361M

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

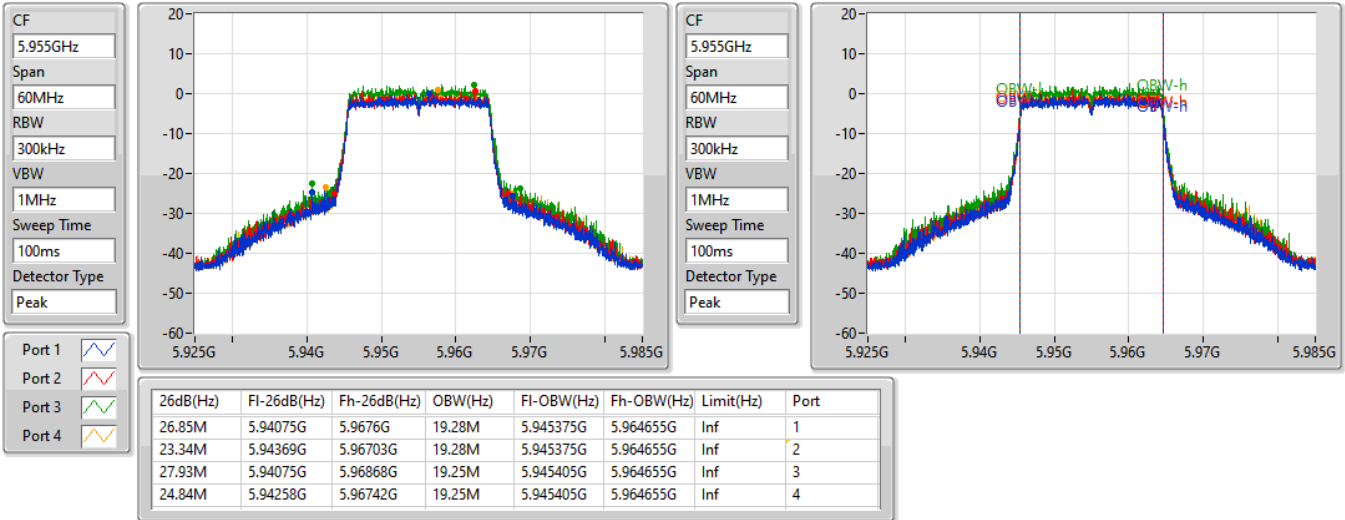
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	26.85M	19.28M	23.34M	19.28M	27.93M	19.25M	24.84M	19.25M
6175MHz	Pass	Inf	23.37M	19.31M	22.2M	19.28M	25.86M	19.28M	28.2M	19.28M
6415MHz	Pass	Inf	27.48M	19.28M	23.37M	19.28M	28.56M	19.34M	26.85M	19.28M
6435MHz	Pass	Inf	24.6M	19.34M	22.89M	19.28M	28.68M	19.31M	27.72M	19.28M
6475MHz	Pass	Inf	24.69M	19.28M	27.12M	19.25M	26.22M	19.28M	24.72M	19.34M
6515MHz	Pass	Inf	29.34M	19.34M	23.43M	19.25M	24.39M	19.31M	24.6M	19.28M
6535MHz	Pass	Inf	23.82M	19.34M	25.23M	19.28M	27.6M	19.31M	26.43M	19.31M
6695MHz	Pass	Inf	25.02M	19.28M	23.76M	19.25M	27.96M	19.31M	25.35M	19.28M
6855MHz	Pass	Inf	26.88M	19.31M	25.38M	19.28M	25.56M	19.28M	27.72M	19.28M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	25.29M	19.31M	26.61M	19.25M	26.28M	19.31M	26.58M	19.22M
6895MHz	Pass	Inf	25.83M	19.31M	25.5M	19.28M	27.6M	19.31M	24.78M	19.31M
6995MHz	Pass	Inf	27.87M	19.34M	22.23M	19.25M	26.94M	19.31M	24.87M	19.28M
7095MHz	Pass	Inf	28.02M	19.34M	22.05M	19.22M	28.17M	19.34M	27.99M	19.28M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	42.06M	38.141M	43.74M	38.141M	41.16M	38.141M	44.76M	38.081M
6165MHz	Pass	Inf	42.72M	38.201M	45.84M	38.141M	43.68M	38.201M	41.7M	38.141M
6405MHz	Pass	Inf	43.5M	38.141M	43.74M	38.141M	42.48M	38.201M	41.16M	38.141M
6445MHz	Pass	Inf	42.54M	38.141M	41.94M	38.141M	42.84M	38.201M	42.9M	38.201M
6485MHz	Pass	Inf	42.72M	38.141M	41.82M	38.141M	43.62M	38.081M	43.8M	38.201M
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	43.08M	38.141M	42.78M	38.201M	44.1M	38.201M	42M	38.081M
6565MHz	Pass	Inf	43.2M	38.201M	41.94M	38.201M	43.5M	38.201M	42.66M	38.141M
6685MHz	Pass	Inf	44.7M	38.141M	41.88M	38.141M	43.56M	38.141M	41.58M	38.141M
6845MHz	Pass	Inf	42.12M	38.141M	43.62M	38.081M	45.36M	38.201M	41.52M	38.141M
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	42.66M	38.201M	44.1M	38.081M	42.6M	38.201M	41.16M	38.141M
6925MHz	Pass	Inf	42.66M	38.141M	40.98M	38.081M	41.58M	38.141M	42.24M	38.081M
7005MHz	Pass	Inf	41.46M	38.201M	41.88M	38.201M	42.3M	38.201M	41.4M	38.201M
7085MHz	Pass	Inf	41.94M	38.141M	42.36M	38.201M	42.66M	38.201M	43.38M	38.261M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	82.8M	77.961M	84.6M	77.841M	85.8M	77.961M	84.72M	77.841M
6145MHz	Pass	Inf	83.4M	77.841M	85.92M	77.961M	86.28M	77.841M	82.32M	77.961M
6385MHz	Pass	Inf	84.84M	77.961M	82.92M	77.841M	82.56M	77.841M	84.6M	77.961M
6465MHz	Pass	Inf	83.88M	78.201M	87.36M	77.961M	84.36M	77.841M	86.64M	78.081M
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	84.84M	78.201M	83.28M	77.841M	83.76M	77.961M	87.48M	78.081M
6625MHz	Pass	Inf	84.6M	78.081M	87.12M	77.961M	83.16M	78.081M	83.04M	77.961M
6705MHz	Pass	Inf	84.96M	78.081M	84.36M	78.081M	87.12M	78.081M	87.24M	78.081M
6785MHz	Pass	Inf	91.2M	78.201M	83.28M	77.961M	84M	77.961M	84M	78.081M
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	83.76M	77.841M	82.68M	77.841M	84.24M	77.961M	85.92M	77.961M
6945MHz	Pass	Inf	84.6M	77.961M	86.64M	77.961M	84.6M	77.961M	83.28M	78.081M
7025MHz	Pass	Inf	83.4M	77.961M	83.88M	77.961M	82.92M	77.961M	90.48M	77.961M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	165.36M	156.882M	166.32M	156.882M	165.12M	156.642M	164.4M	156.642M
6185MHz	Pass	Inf	164.16M	156.882M	164.4M	156.882M	165.36M	156.402M	163.92M	156.402M
6345MHz	Pass	Inf	164.88M	157.121M	165.36M	157.121M	164.64M	156.882M	165.6M	157.361M
6505MHz Straddle 6.425-6.525GHz	Pass	Inf	166.08M	157.361M	165.84M	157.121M	164.88M	156.882M	215.28M	157.601M
6665MHz	Pass	Inf	165.12M	157.361M	165.36M	157.121M	165.84M	157.121M	165.36M	157.601M
6825MHz Straddle 6.525-6.875GHz	Pass	Inf	165.12M	157.361M	165.36M	157.121M	165.12M	157.121M	165.36M	156.882M
6985MHz	Pass	Inf	210M	157.601M	169.2M	157.361M	195.84M	157.361M	164.88M	157.361M

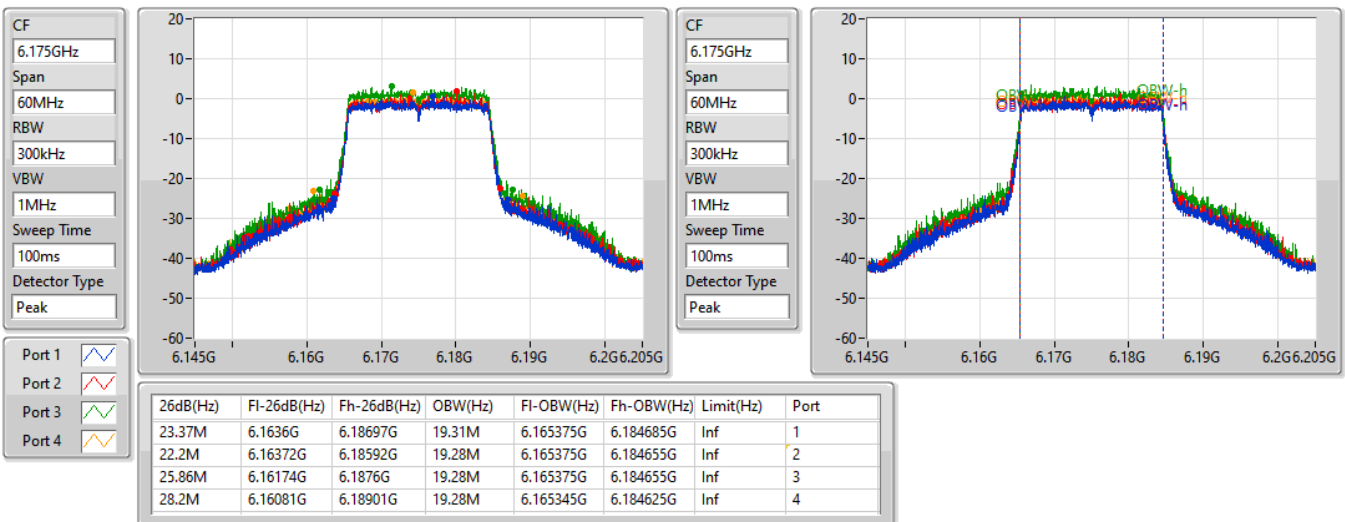
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5955MHz

05/10/2021

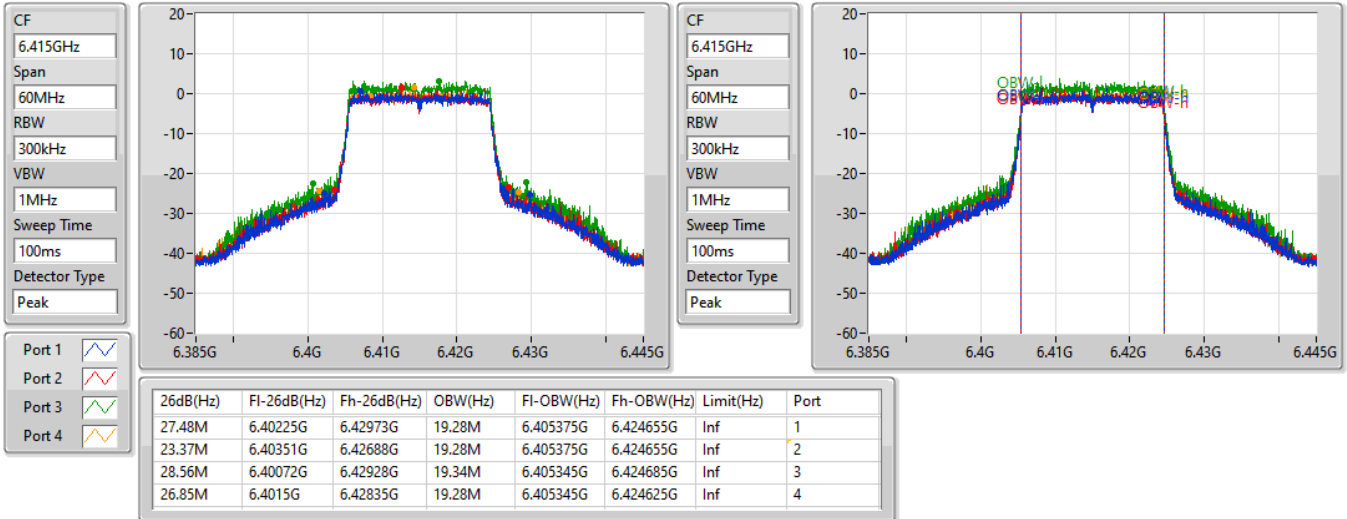

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6175MHz

05/10/2021

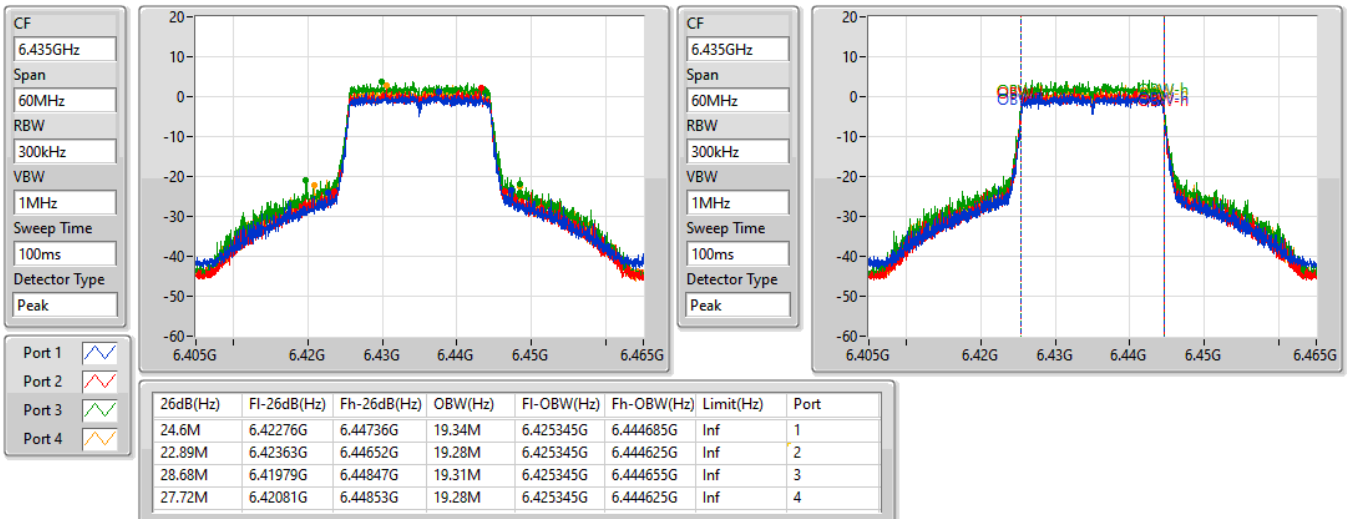


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6415MHz

05/10/2021

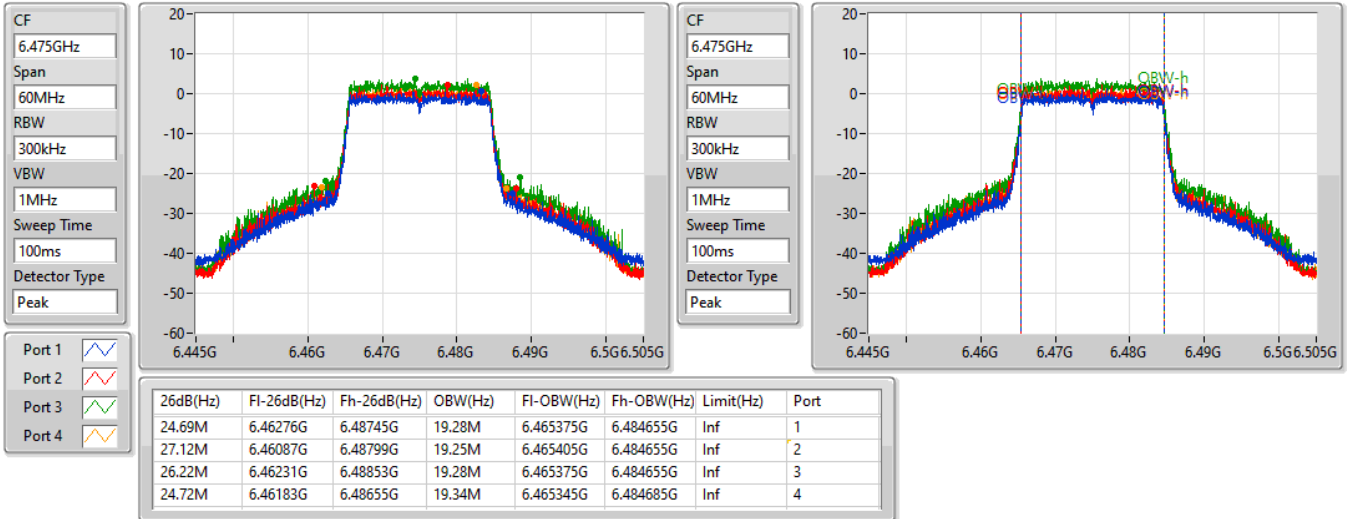

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6435MHz

05/10/2021

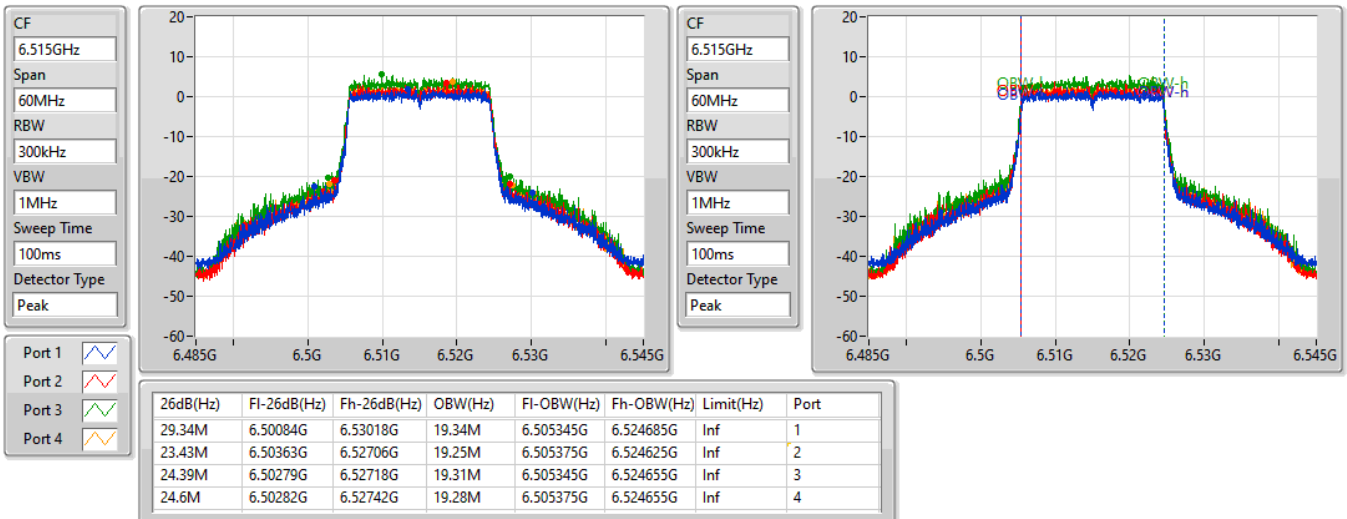


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6475MHz

05/10/2021

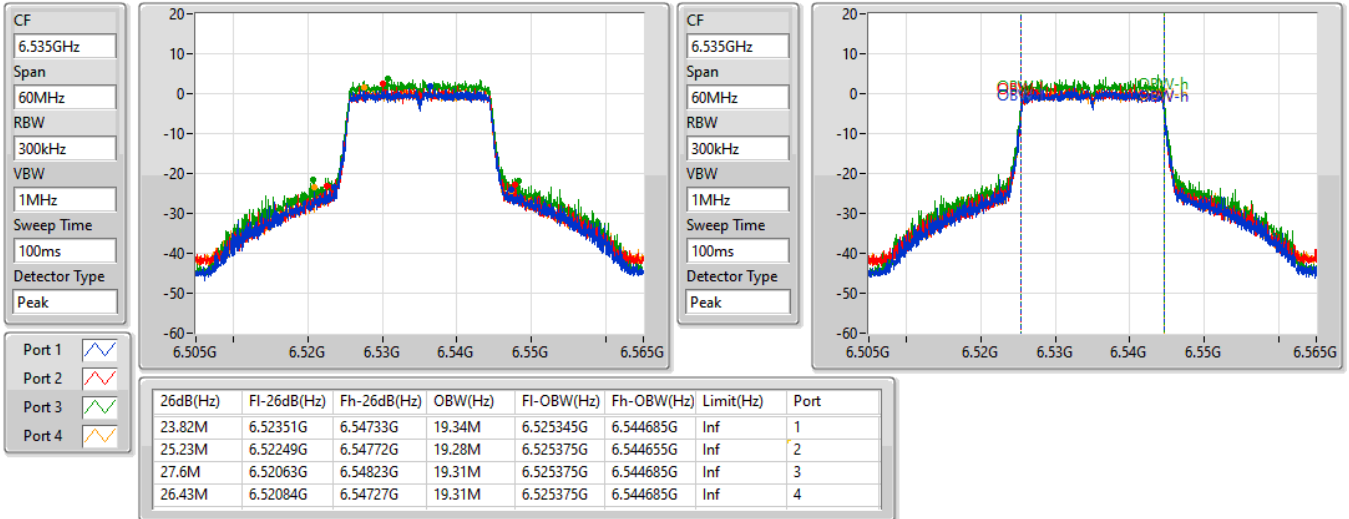

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6515MHz

05/10/2021

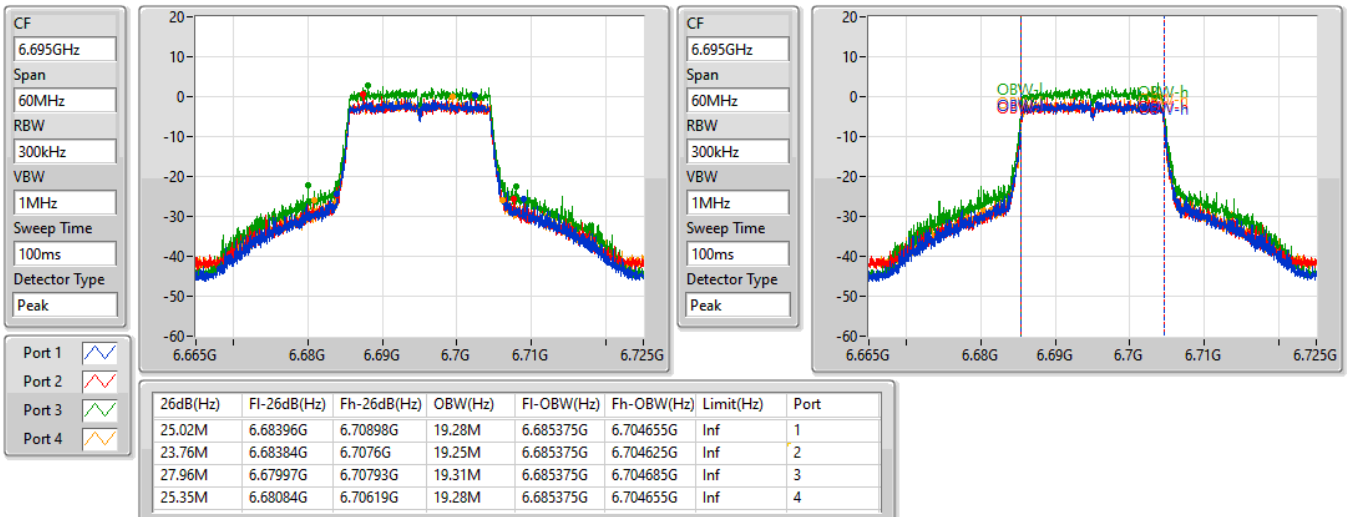


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6535MHz

05/10/2021

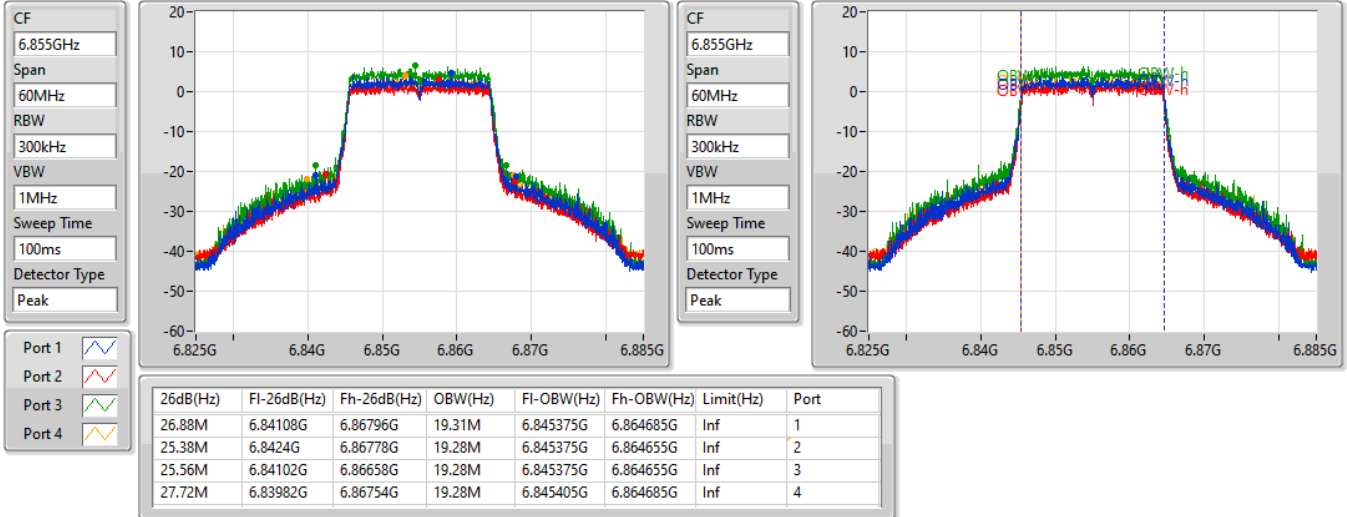

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6695MHz

05/10/2021

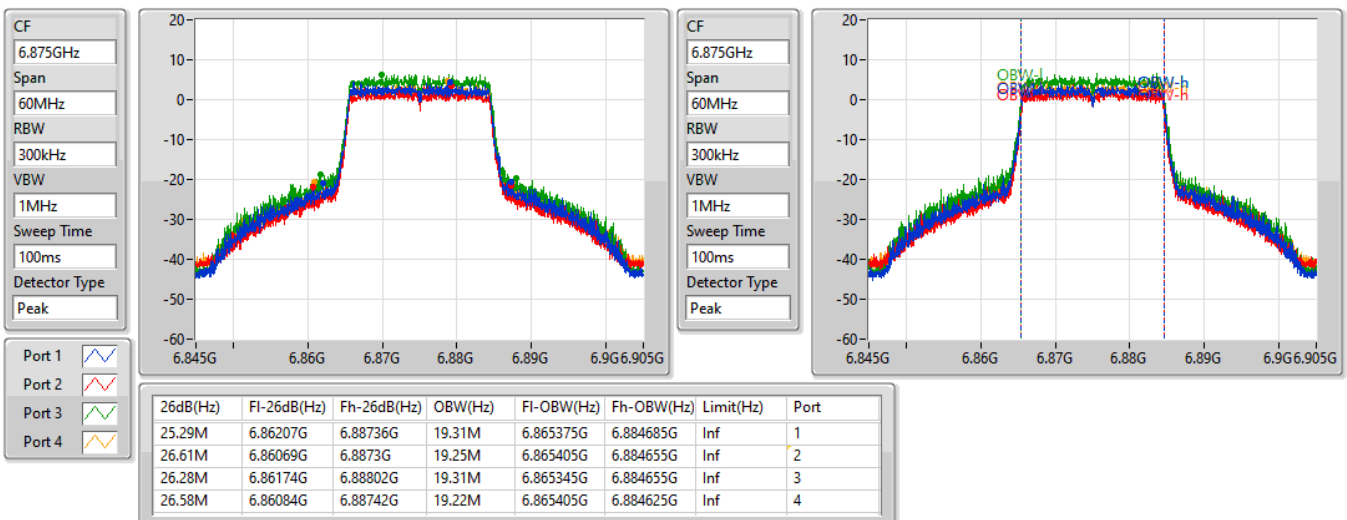


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6855MHz

05/10/2021

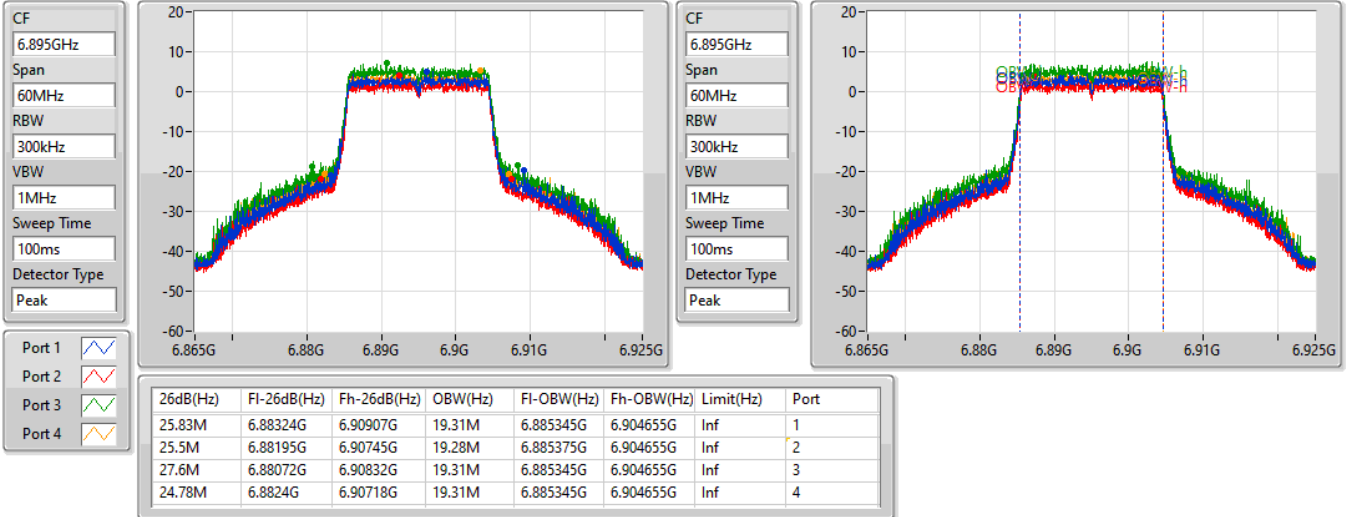

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6875MHz Straddle 6.525-6.875GHz

05/10/2021

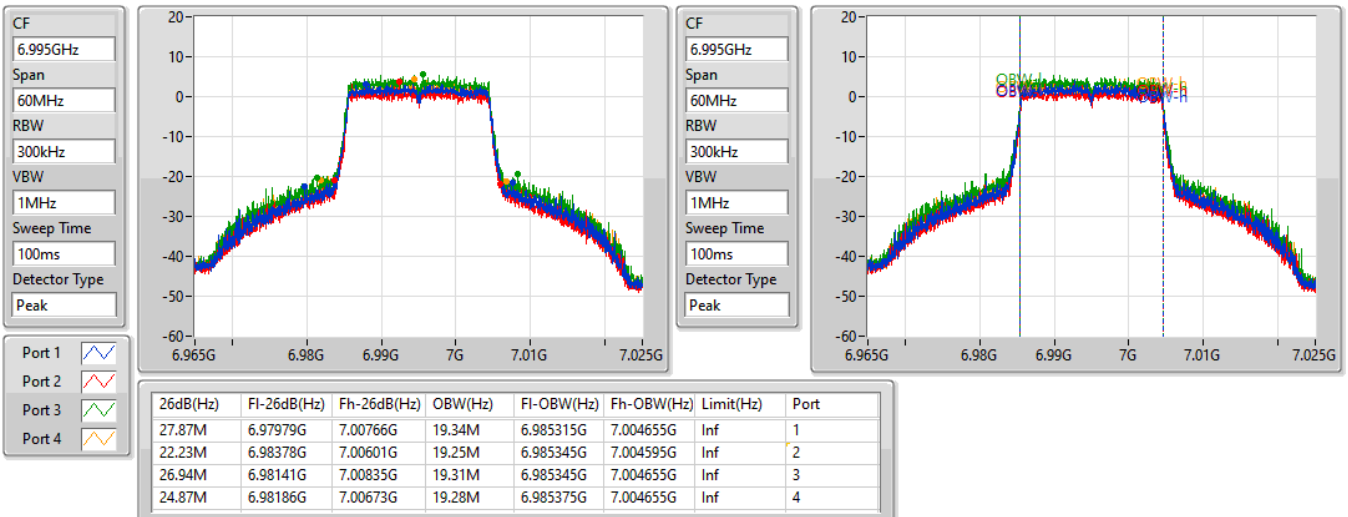


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6895MHz

05/10/2021

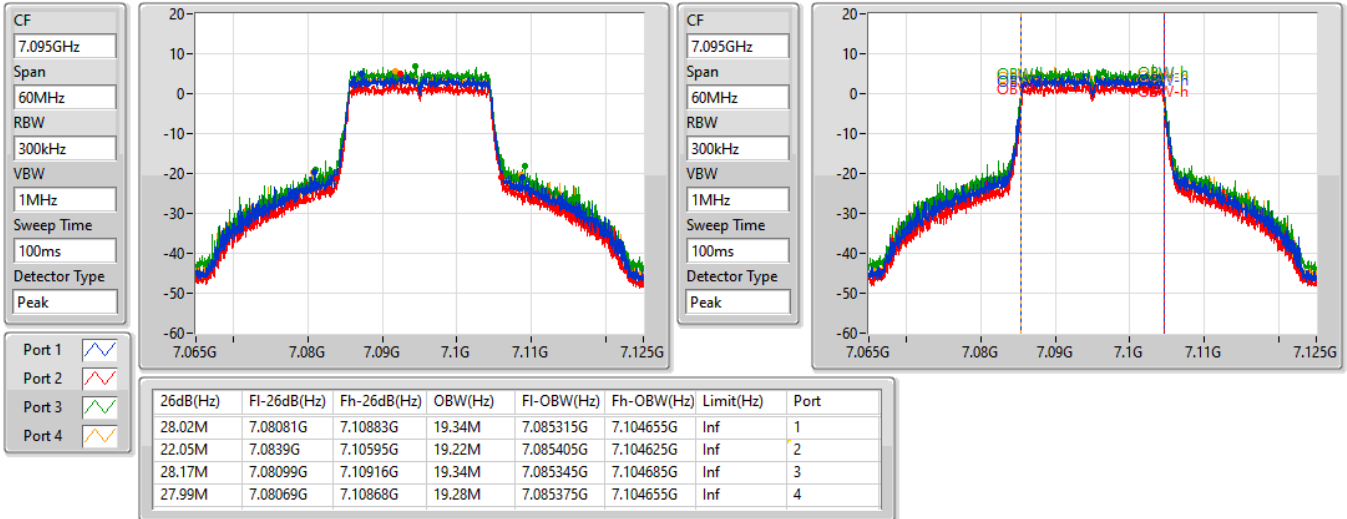

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6995MHz

05/10/2021

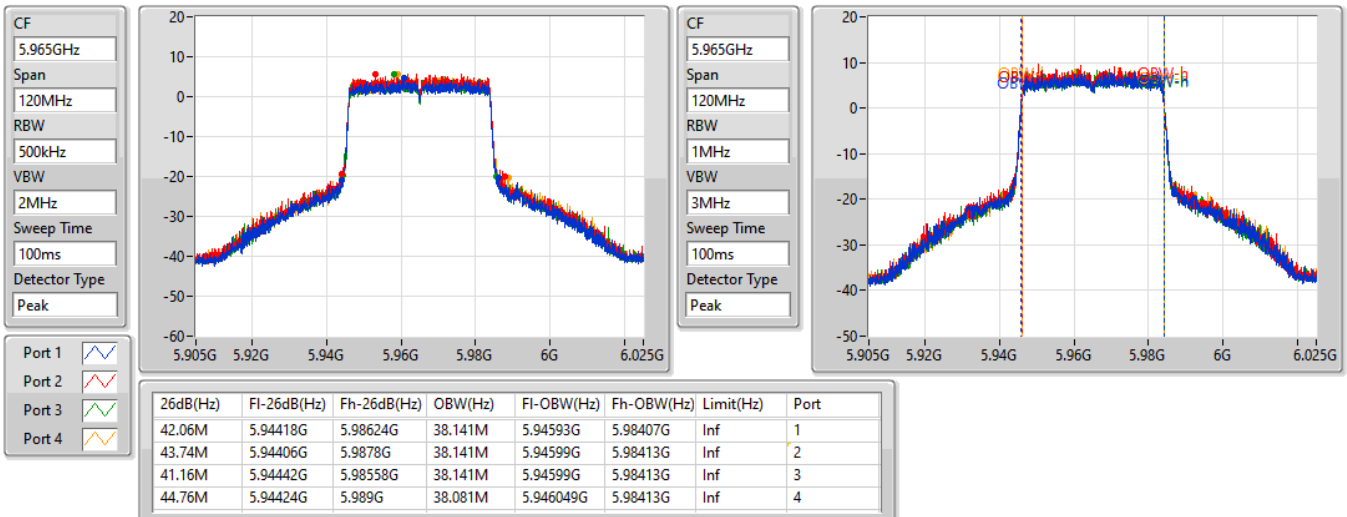


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
7095MHz

05/10/2021

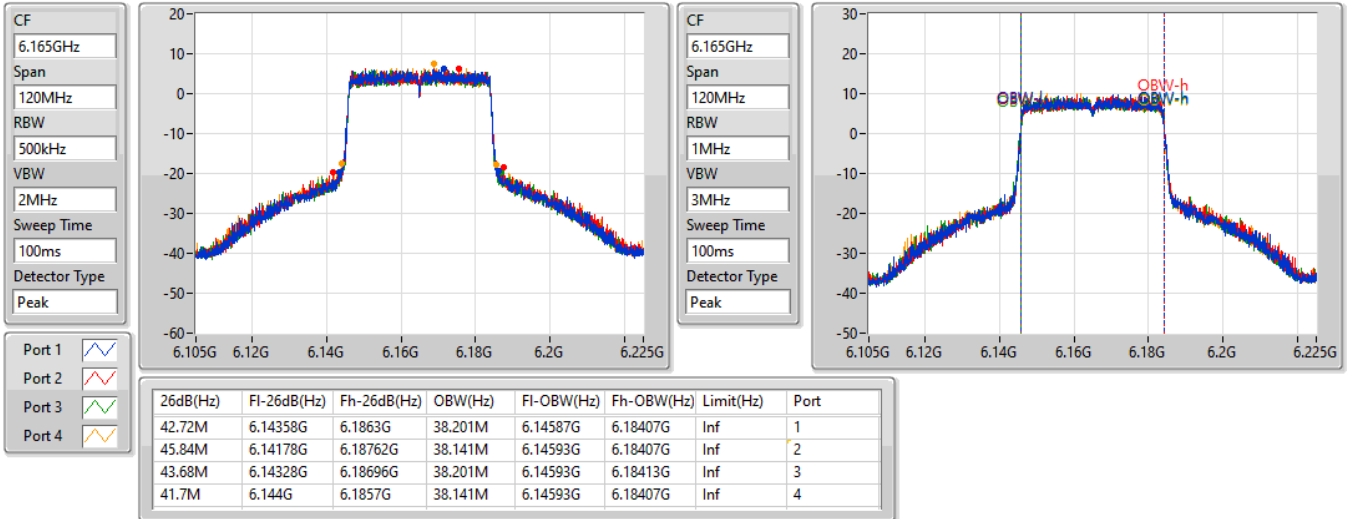

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5965MHz

05/10/2021



802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6165MHz

05/10/2021

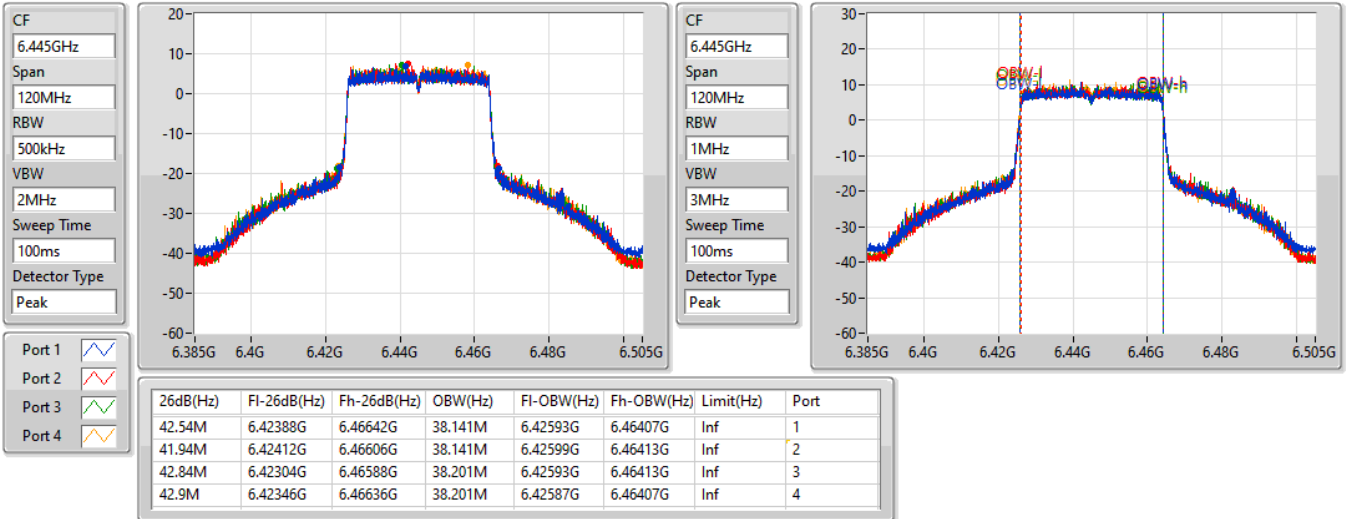

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6405MHz

05/10/2021



802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6445MHz

05/10/2021


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6485MHz

05/10/2021



802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6525MHz Straddle 6.425-6.525GHz

05/10/2021


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6565MHz

05/10/2021



802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6685MHz

05/10/2021


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6845MHz

05/10/2021



802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6885MHz Straddle 6.525-6.875GHz

05/10/2021

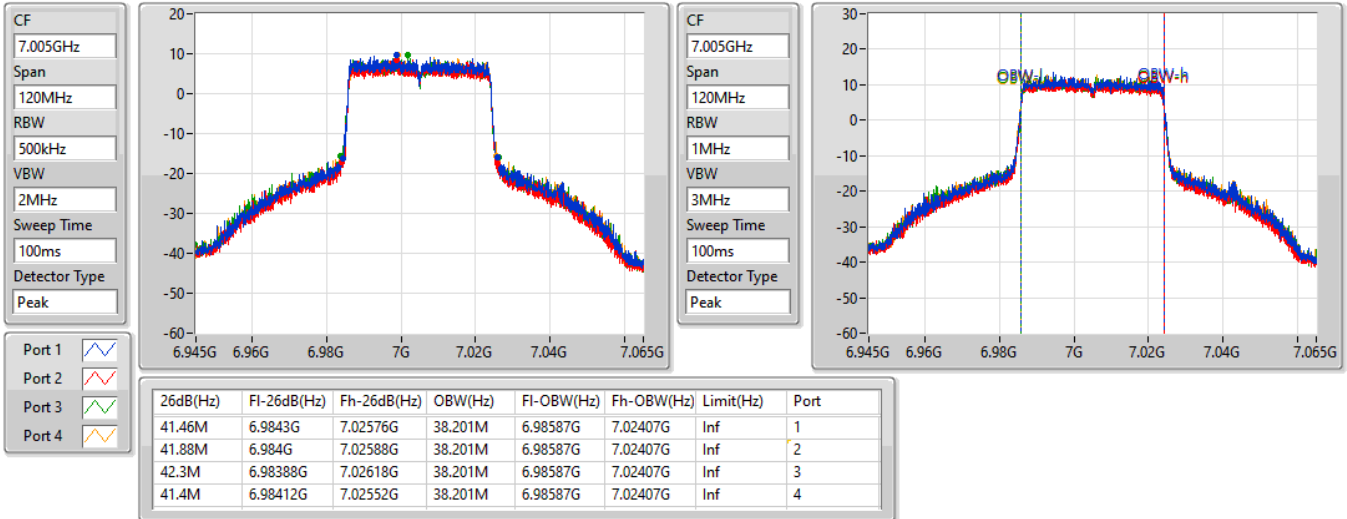

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6925MHz

05/10/2021

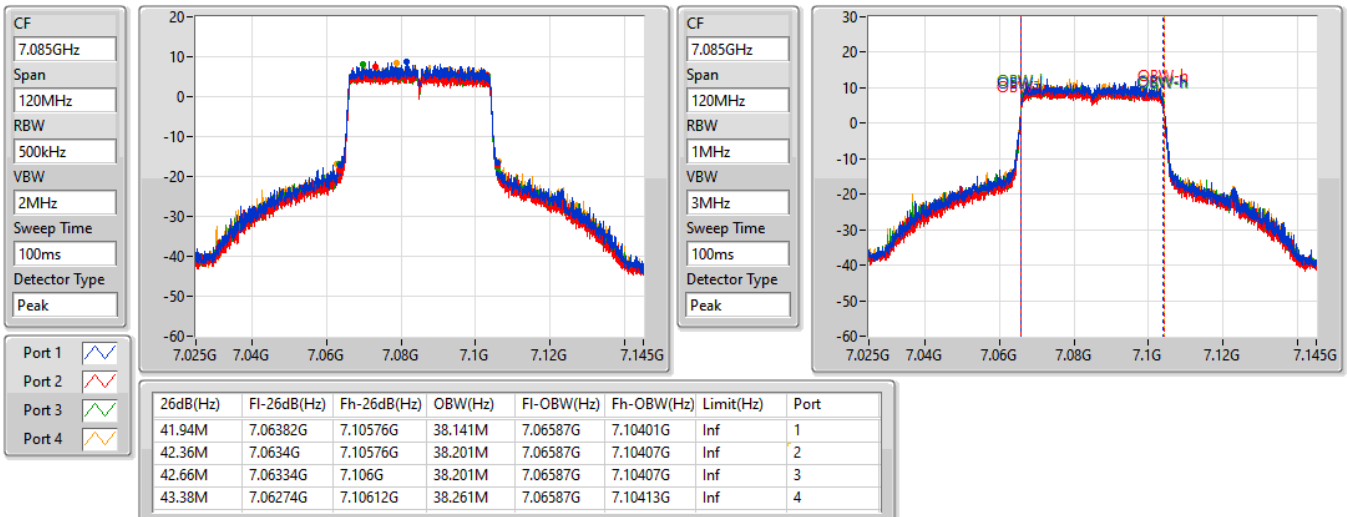


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
7005MHz

05/10/2021

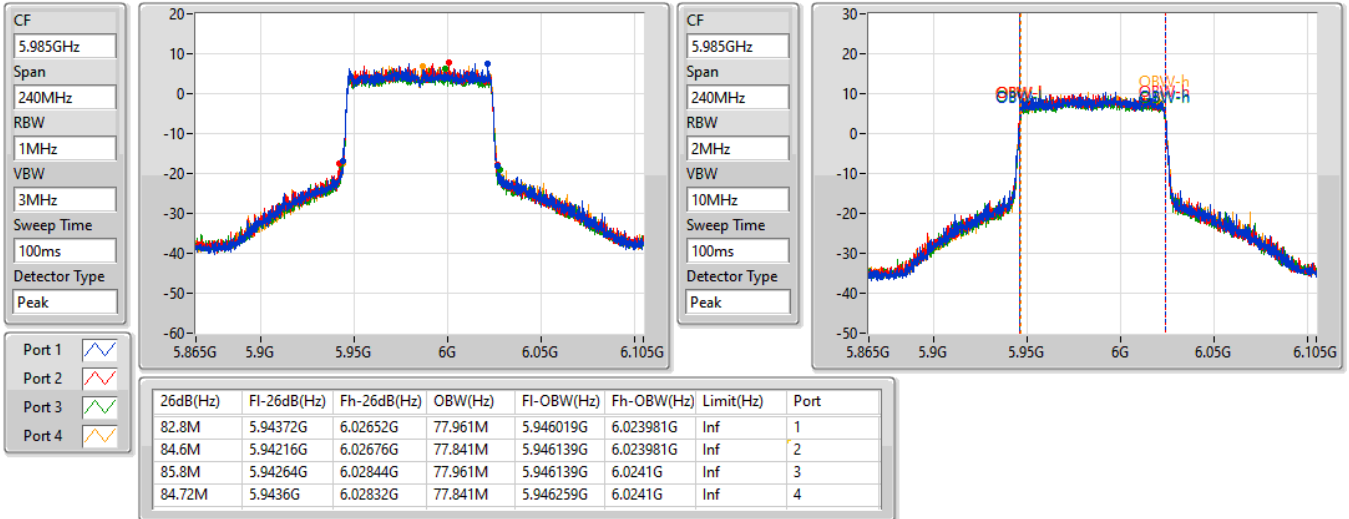

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
7085MHz

05/10/2021

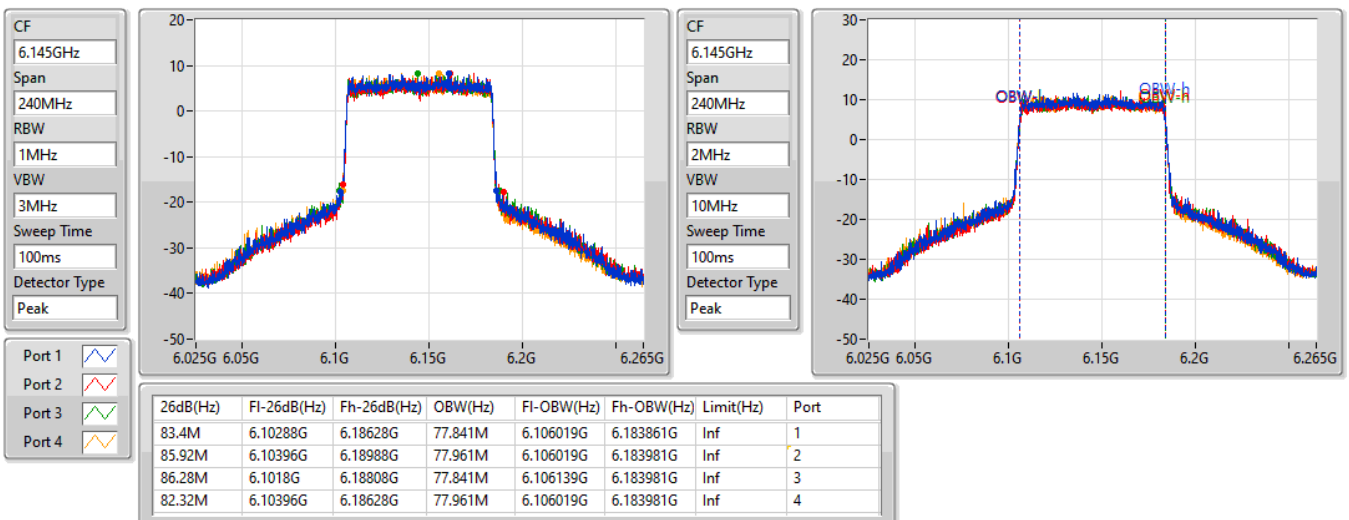


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5985MHz

05/10/2021


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6145MHz

05/10/2021

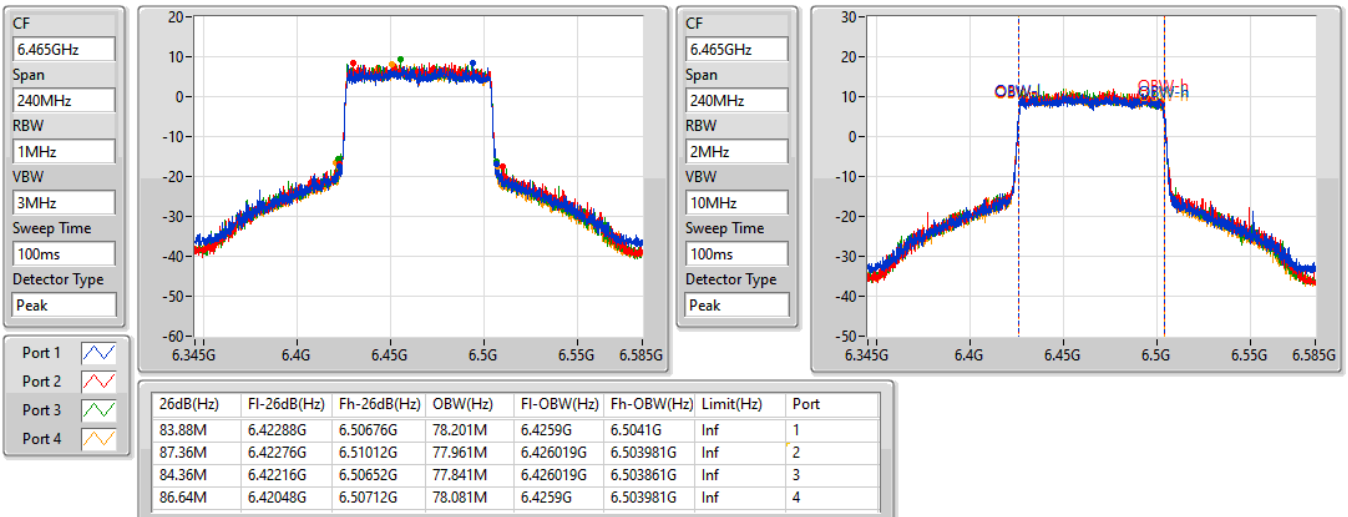


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6385MHz

05/10/2021

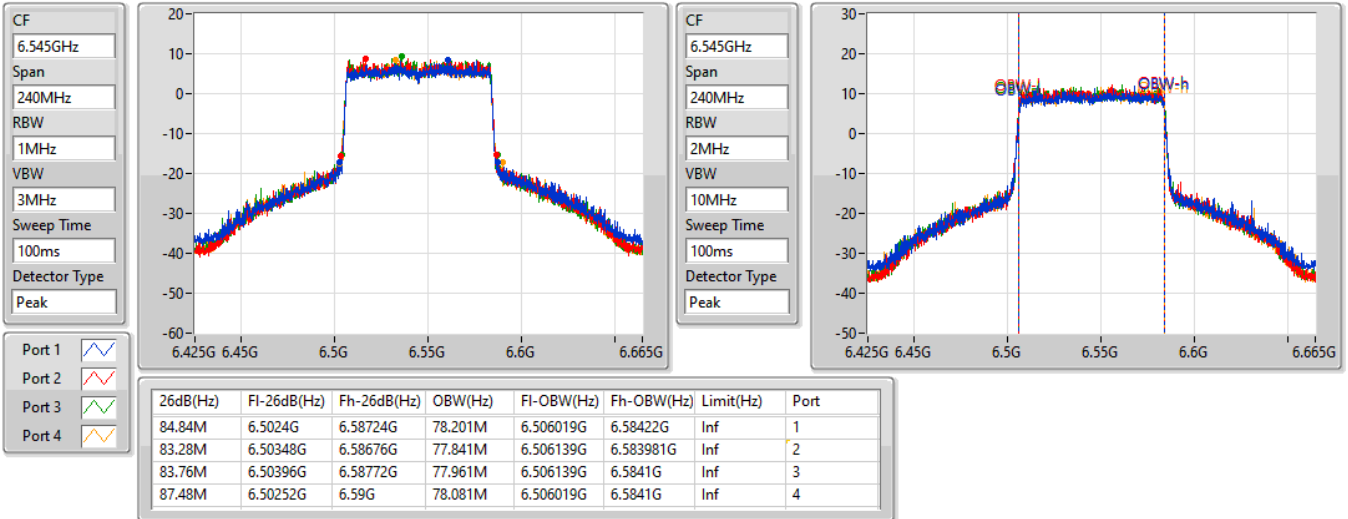

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6465MHz

05/10/2021

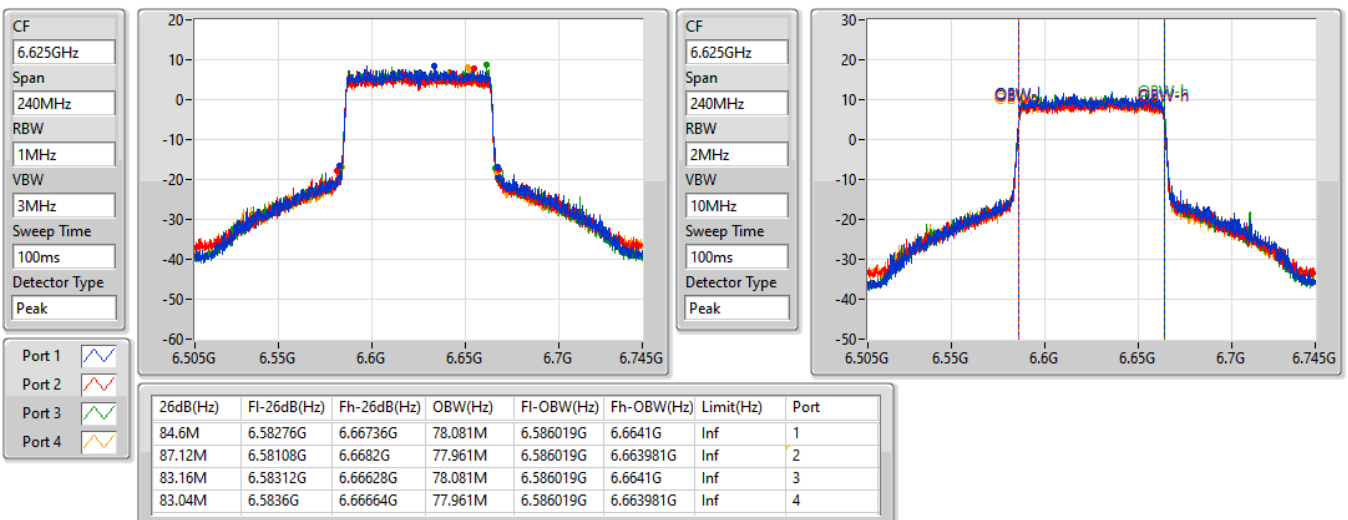


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6545MHz Straddle 6.425-6.525GHz

05/10/2021


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6625MHz

05/10/2021

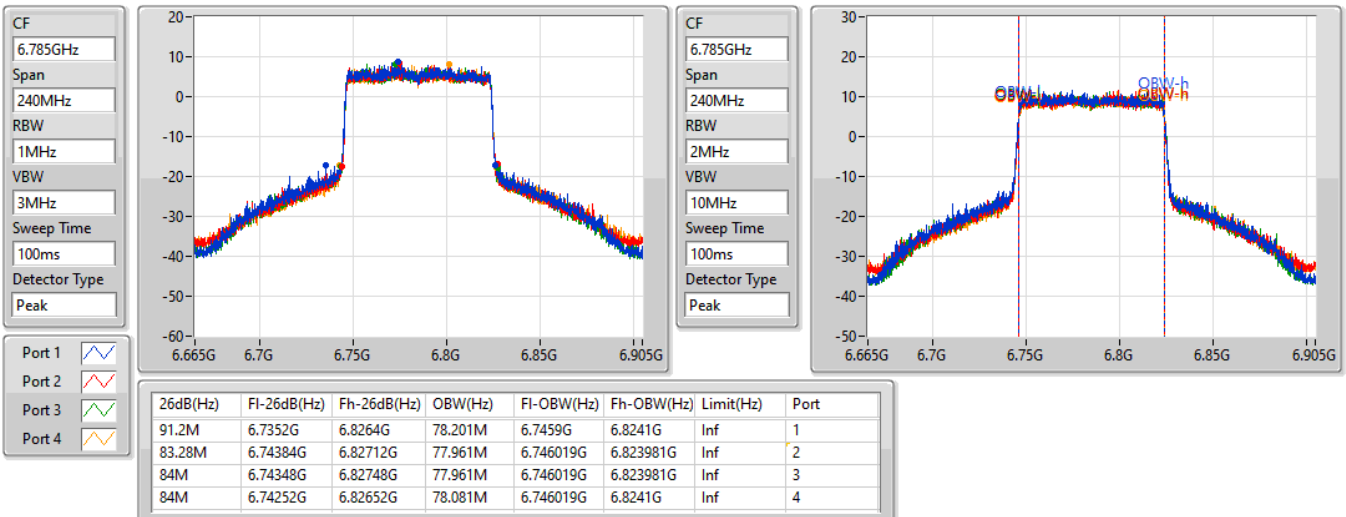


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6705MHz

05/10/2021

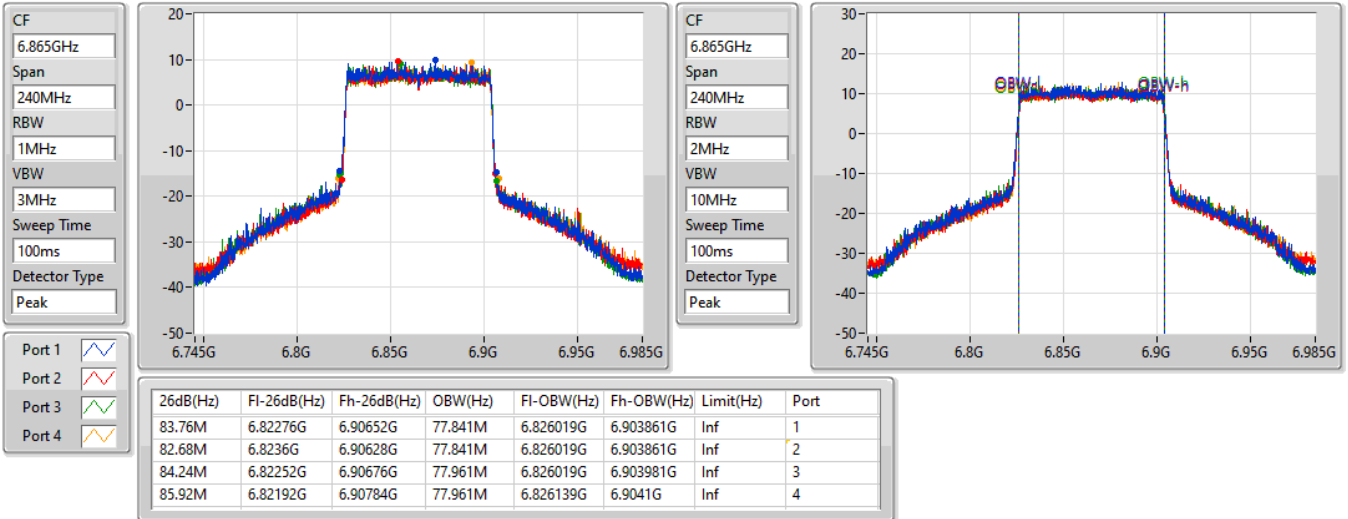

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6785MHz

05/10/2021

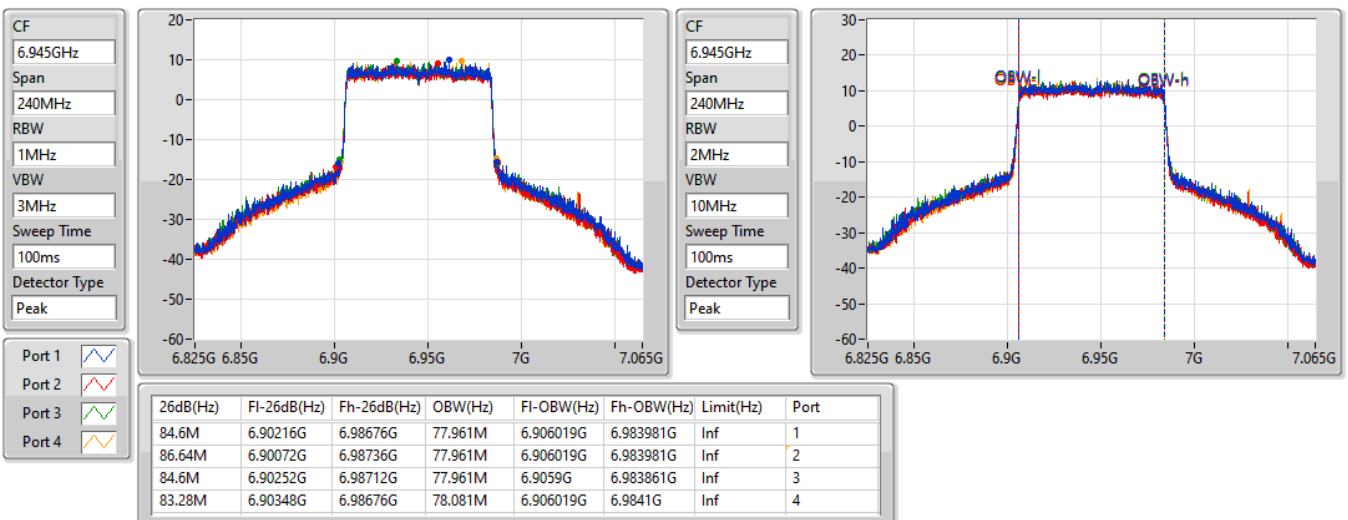


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6865MHz Straddle 6.525-6.875GHz

05/10/2021

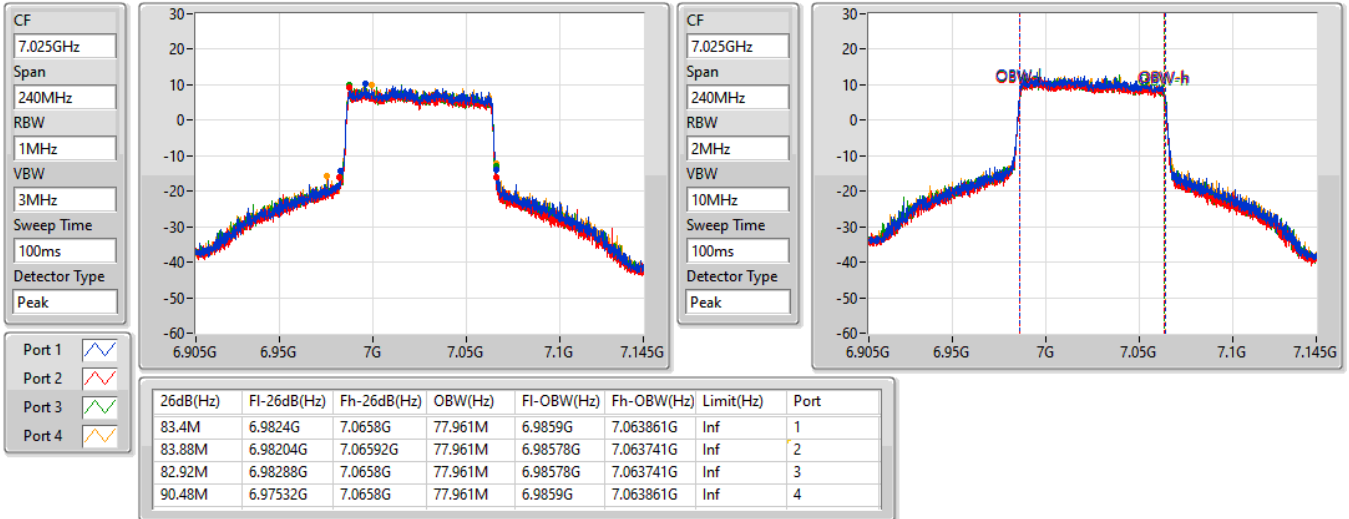

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6945MHz

05/10/2021

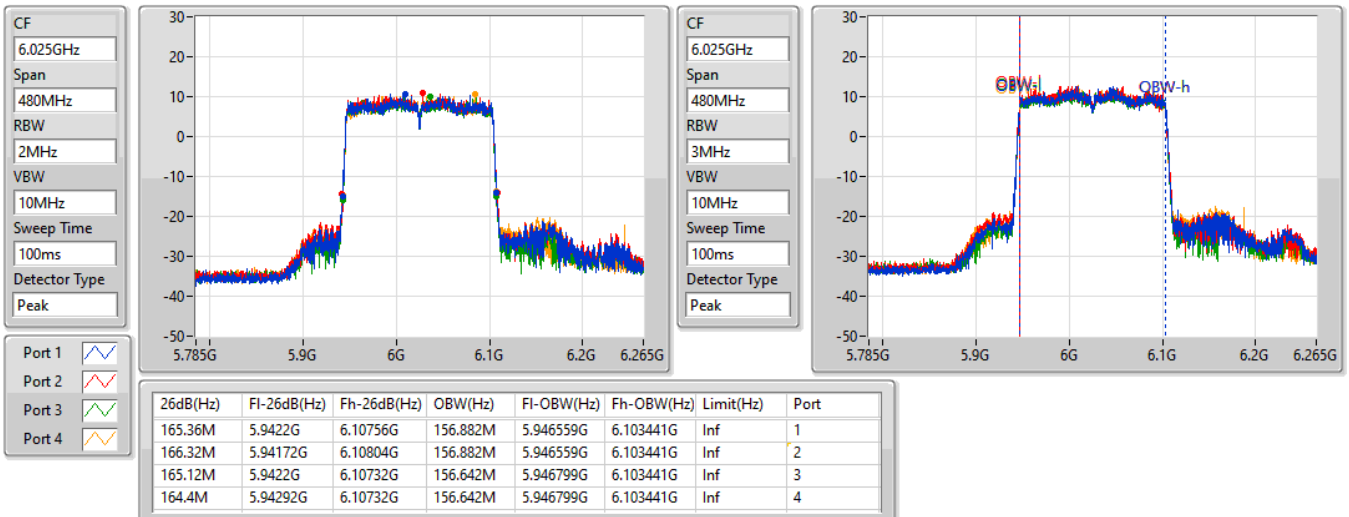


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
7025MHz

05/10/2021

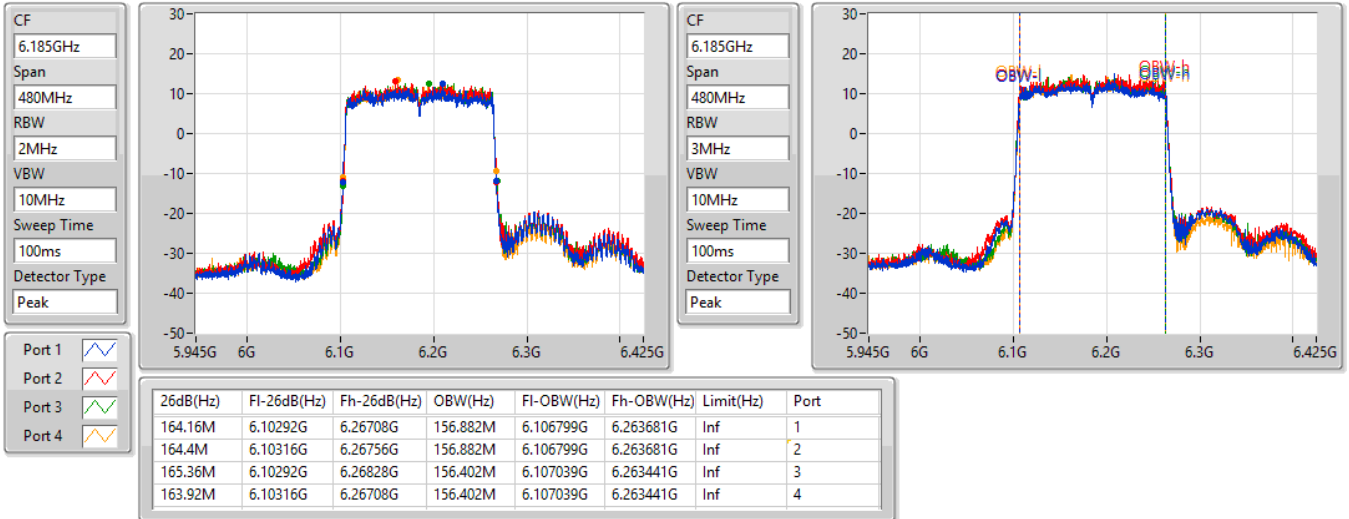

802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
6025MHz

05/10/2021

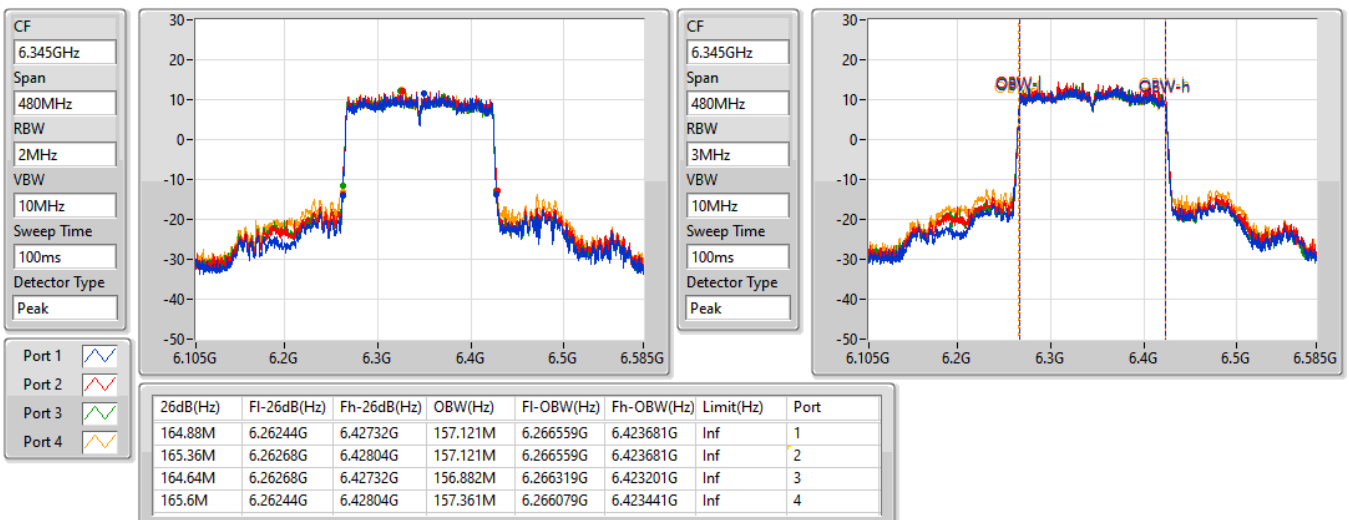


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
6185MHz

12/11/2021

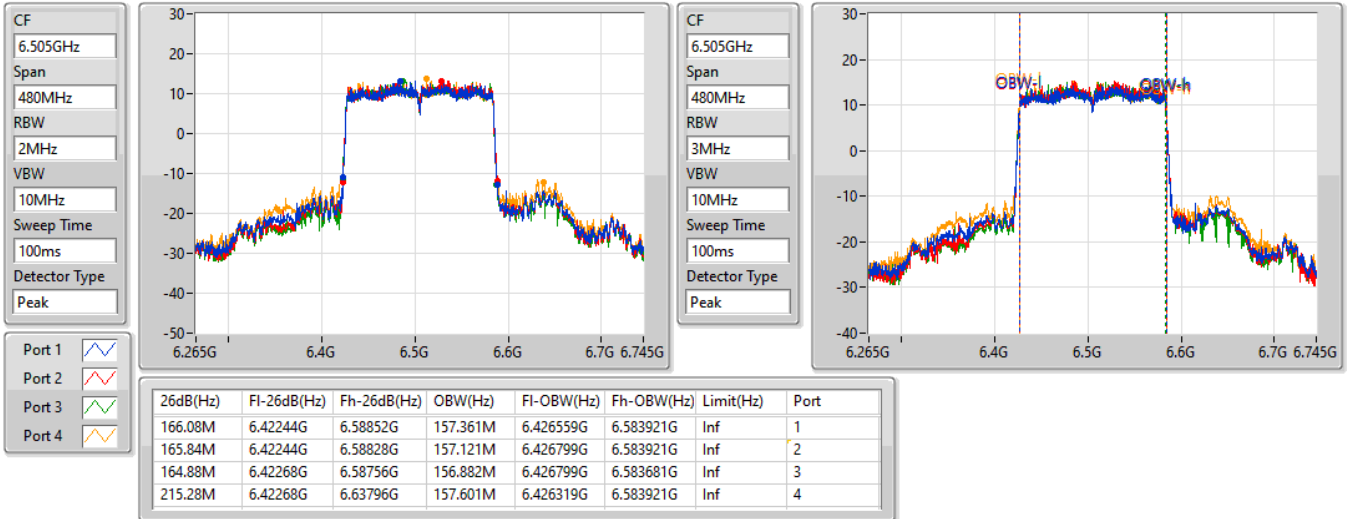

802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
6345MHz

05/10/2021

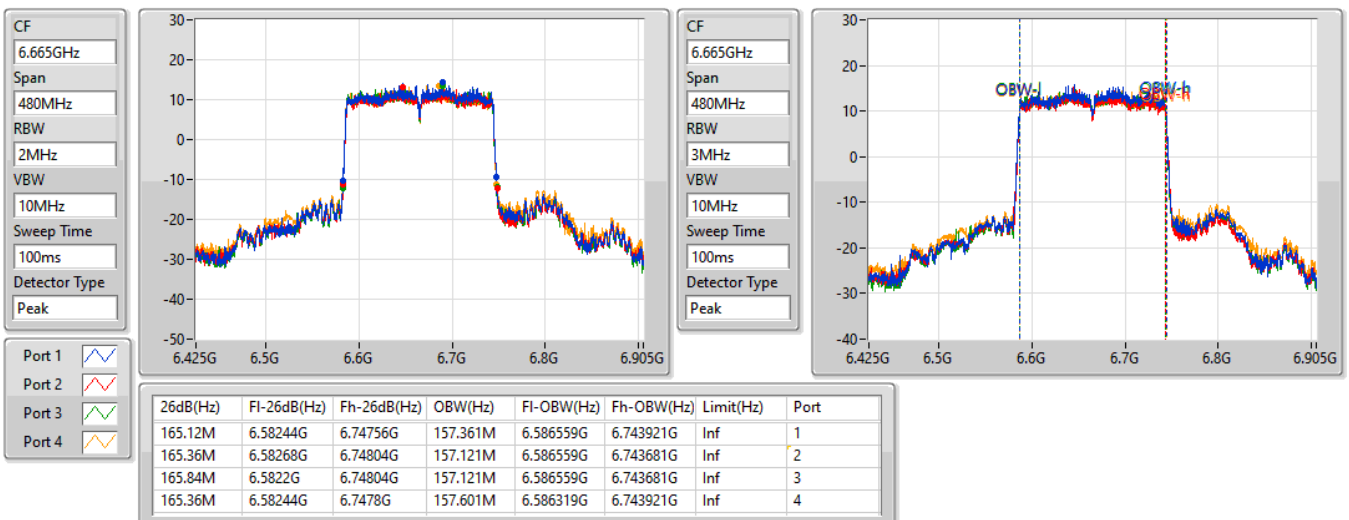


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
6505MHz Straddle 6.425-6.525GHz

05/10/2021

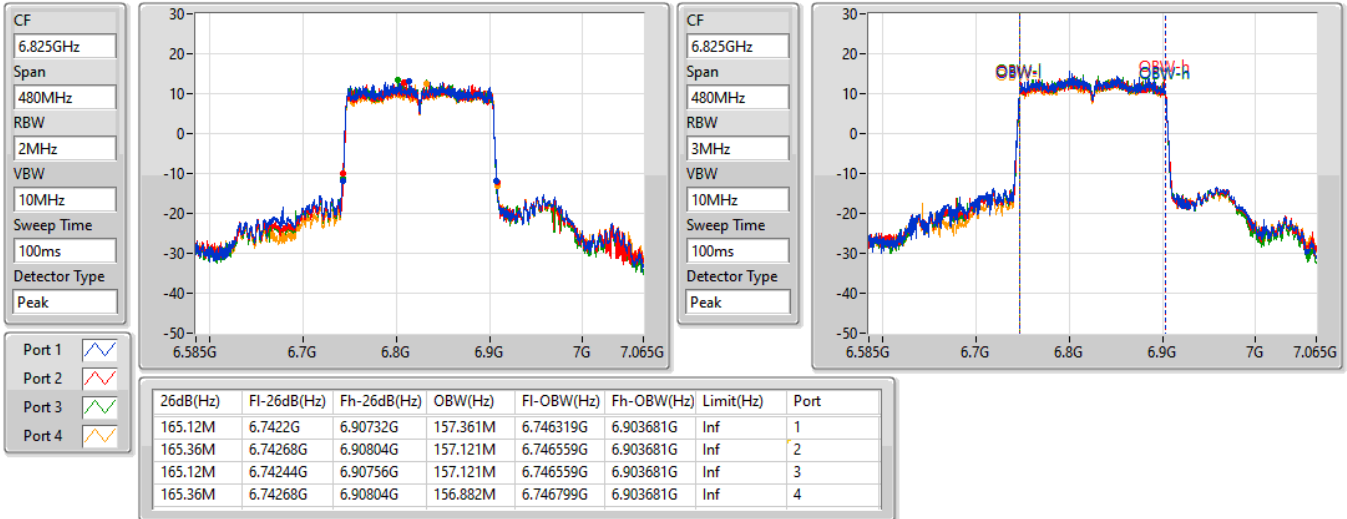

802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
6665MHz

05/10/2021

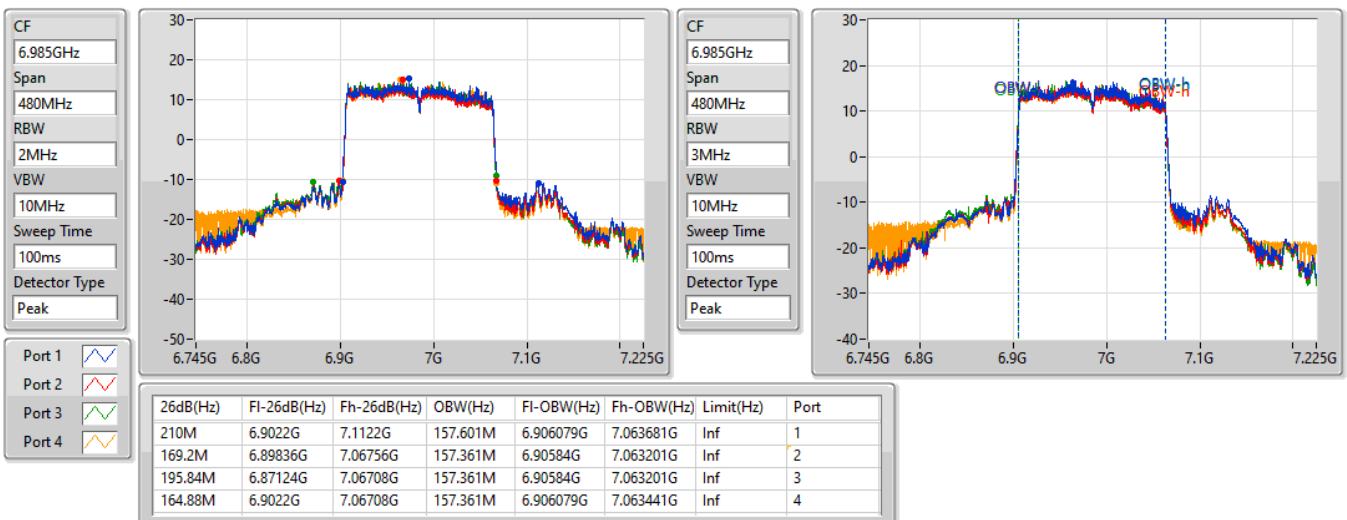


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
6825MHz Straddle 6.525-6.875GHz

05/10/2021


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
6985MHz

05/10/2021



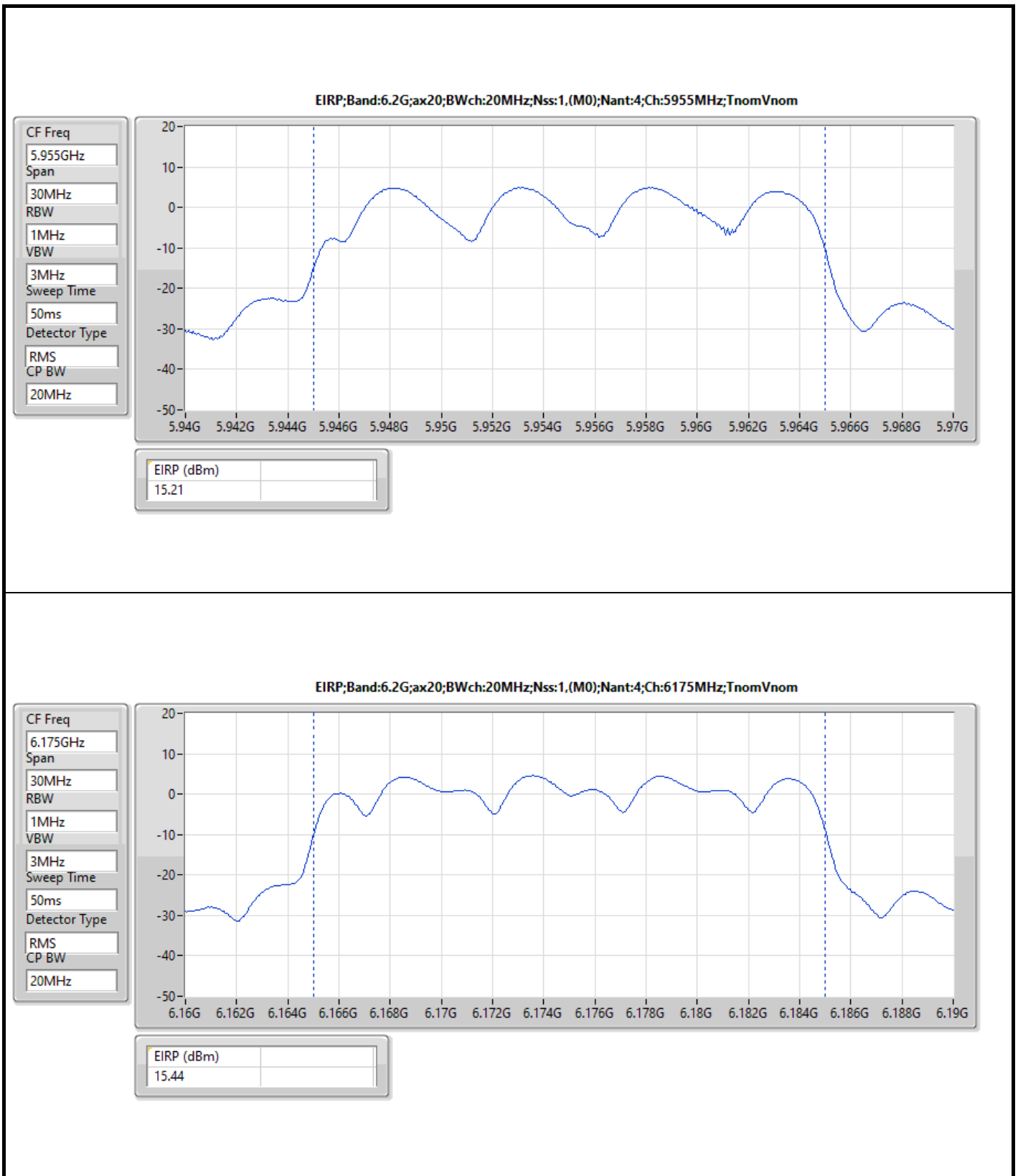
For non beamforming mode
Summary

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	15.44	0.03499
802.11ax HEW40_Nss1,(MCS0)_4TX	18.22	0.06637
802.11ax HEW80_Nss1,(MCS0)_4TX	21.27	0.13397
802.11ax HEW160_Nss1,(MCS0)_4TX	23.16	0.20701
6.425-6.525GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	15.39	0.03459
802.11ax HEW40_Nss1,(MCS0)_4TX	18.41	0.06934
802.11ax HEW80_Nss1,(MCS0)_4TX	20.17	0.10399
802.11ax HEW160_Nss1,(MCS0)_4TX	23.4	0.21878
6.525-6.875GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	15.65	0.03673
802.11ax HEW40_Nss1,(MCS0)_4TX	17.34	0.05420
802.11ax HEW80_Nss1,(MCS0)_4TX	20.13	0.10304
802.11ax HEW160_Nss1,(MCS0)_4TX	24.23	0.26485
6.875-7.125GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	16.17	0.04140
802.11ax HEW40_Nss1,(MCS0)_4TX	18.87	0.07709
802.11ax HEW80_Nss1,(MCS0)_4TX	22.12	0.16293
802.11ax HEW160_Nss1,(MCS0)_4TX	24.47	0.27990

Result

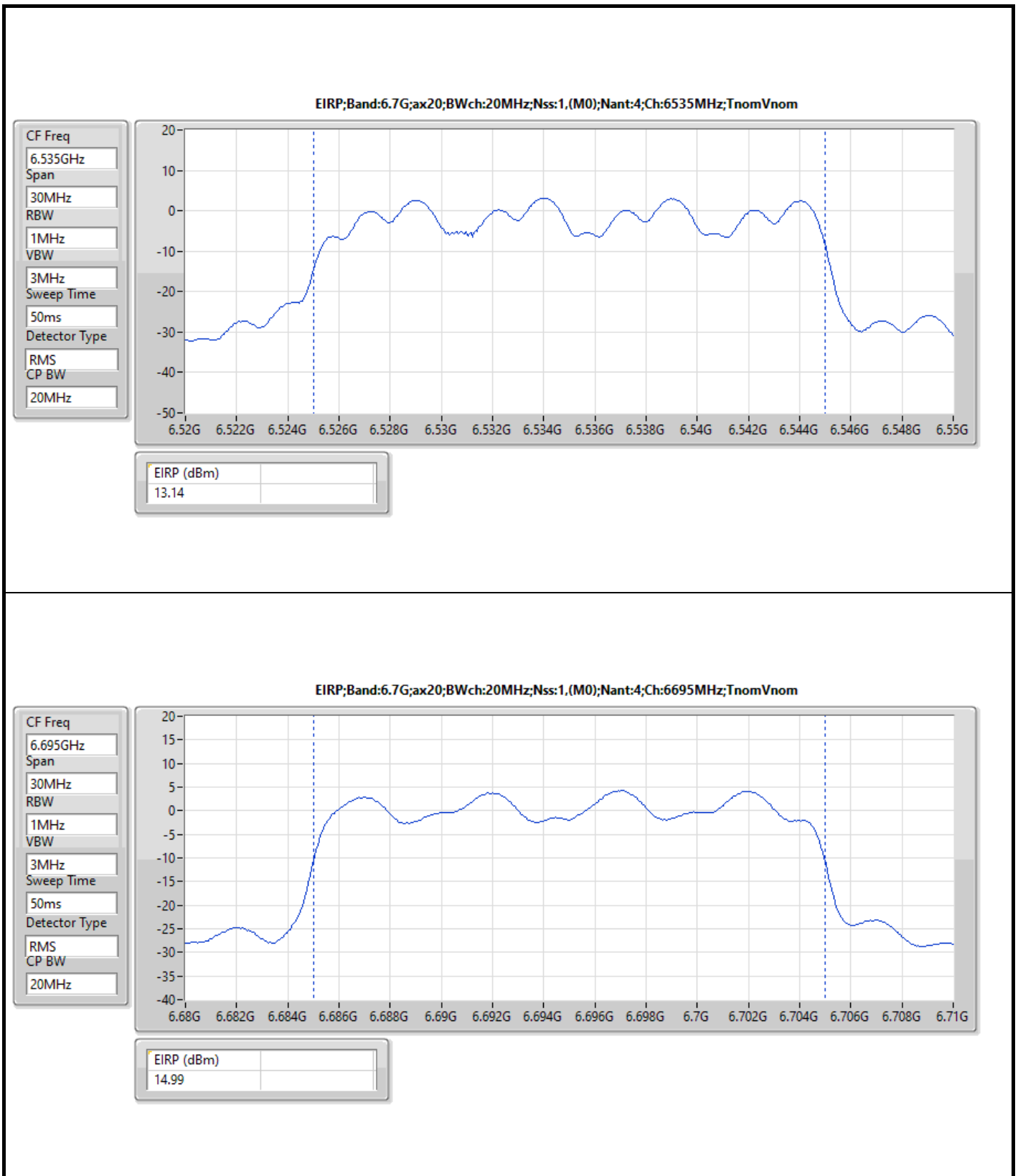
Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	15.21	30.00
6175MHz	Pass	15.44	30.00
6415MHz	Pass	14.82	30.00
6435MHz	Pass	15.39	30.00
6475MHz	Pass	14.55	30.00
6515MHz	Pass	14.49	30.00
6535MHz	Pass	13.14	30.00
6695MHz	Pass	14.99	30.00
6855MHz	Pass	15.65	30.00
6875MHz Straddle 6.525-6.875GHz	Pass	13.66	30.00
6895MHz	Pass	15.59	30.00
6995MHz	Pass	16.17	30.00
7095MHz	Pass	13.45	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	17.68	30.00
6165MHz	Pass	17.70	30.00
6405MHz	Pass	18.22	30.00
6445MHz	Pass	18.26	30.00
6485MHz	Pass	18.41	30.00
6525MHz Straddle 6.425-6.525GHz	Pass	17.09	30.00
6565MHz	Pass	16.67	30.00
6685MHz	Pass	17.34	30.00
6845MHz	Pass	16.74	30.00
6885MHz Straddle 6.525-6.875GHz	Pass	17.26	30.00
6925MHz	Pass	18.33	30.00
7005MHz	Pass	18.87	30.00
7085MHz	Pass	18.82	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	20.48	30.00
6145MHz	Pass	20.60	30.00
6385MHz	Pass	21.27	30.00
6465MHz	Pass	20.17	30.00
6545MHz Straddle 6.425-6.525GHz	Pass	19.23	30.00
6625MHz	Pass	19.96	30.00
6705MHz	Pass	20.13	30.00
6785MHz	Pass	19.94	30.00
6865MHz Straddle 6.525-6.875GHz	Pass	19.70	30.00
6945MHz	Pass	21.60	30.00
7025MHz	Pass	22.12	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	23.14	30.00
6185MHz	Pass	23.16	30.00
6345MHz	Pass	22.57	30.00
6505MHz Straddle 6.425-6.525GHz	Pass	23.40	30.00
6665MHz	Pass	24.23	30.00
6825MHz Straddle 6.525-6.875GHz	Pass	23.03	30.00
6985MHz	Pass	24.47	30.00

DG = Directional Gain
The test result used radiated measurement.



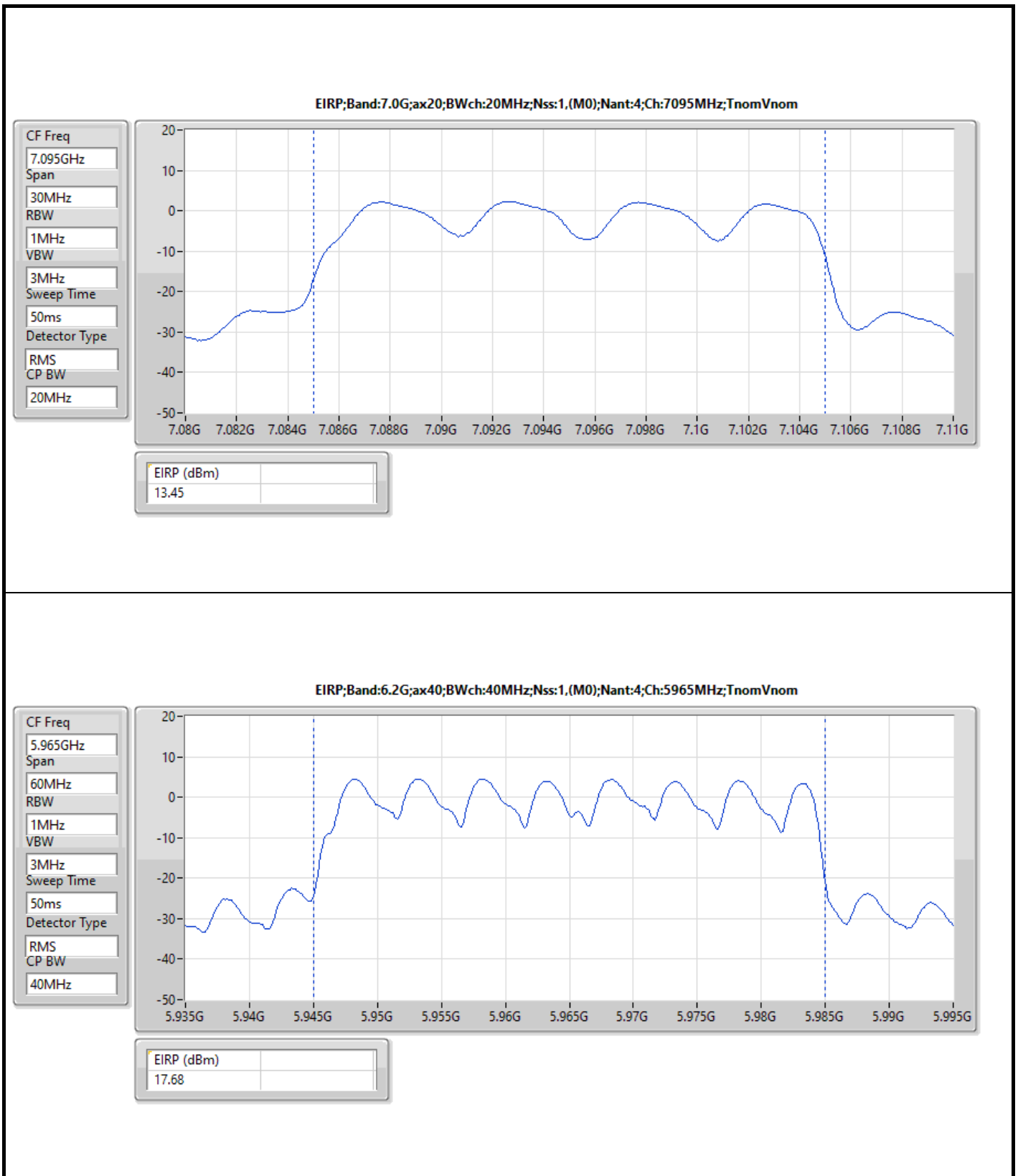


















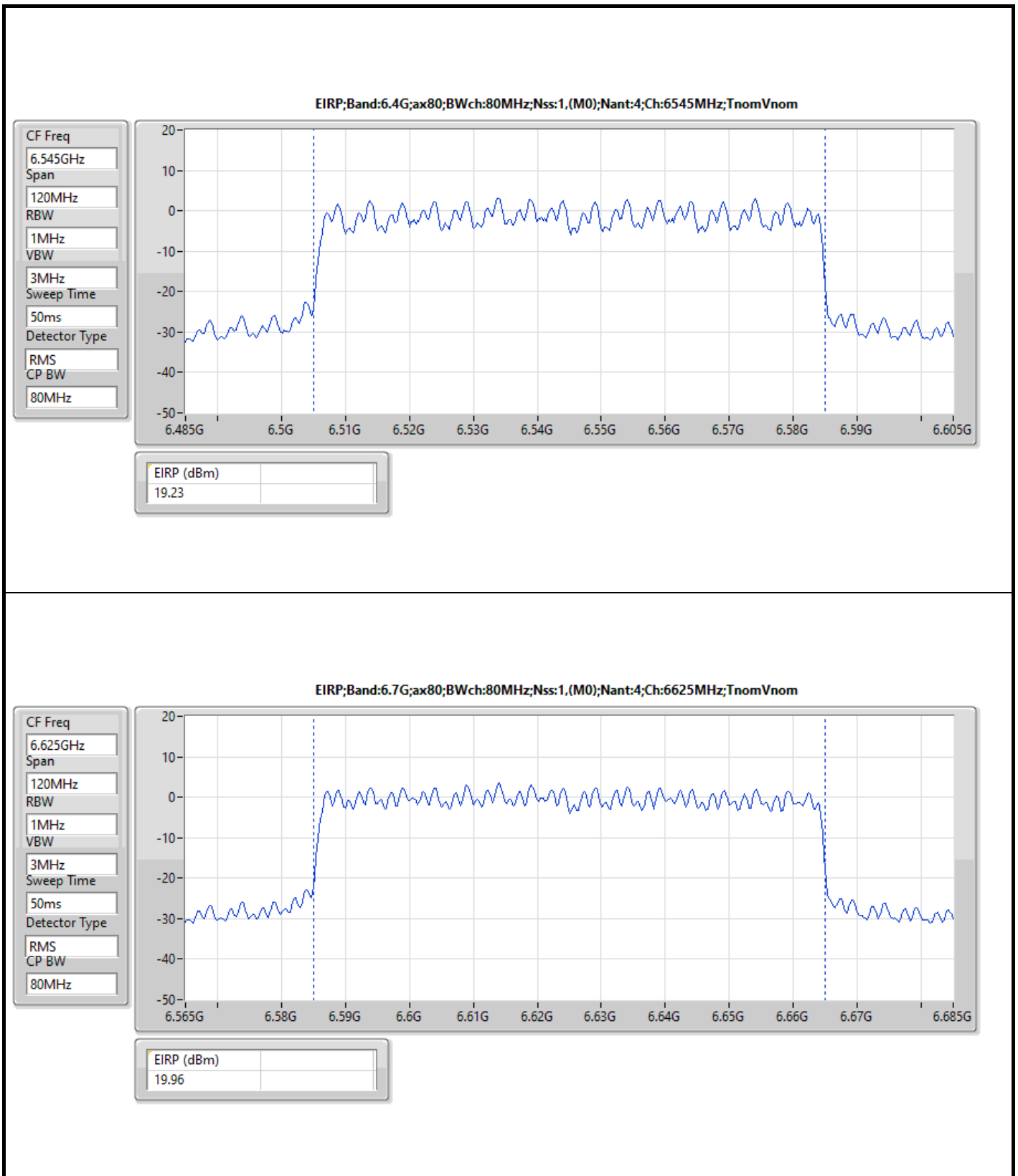


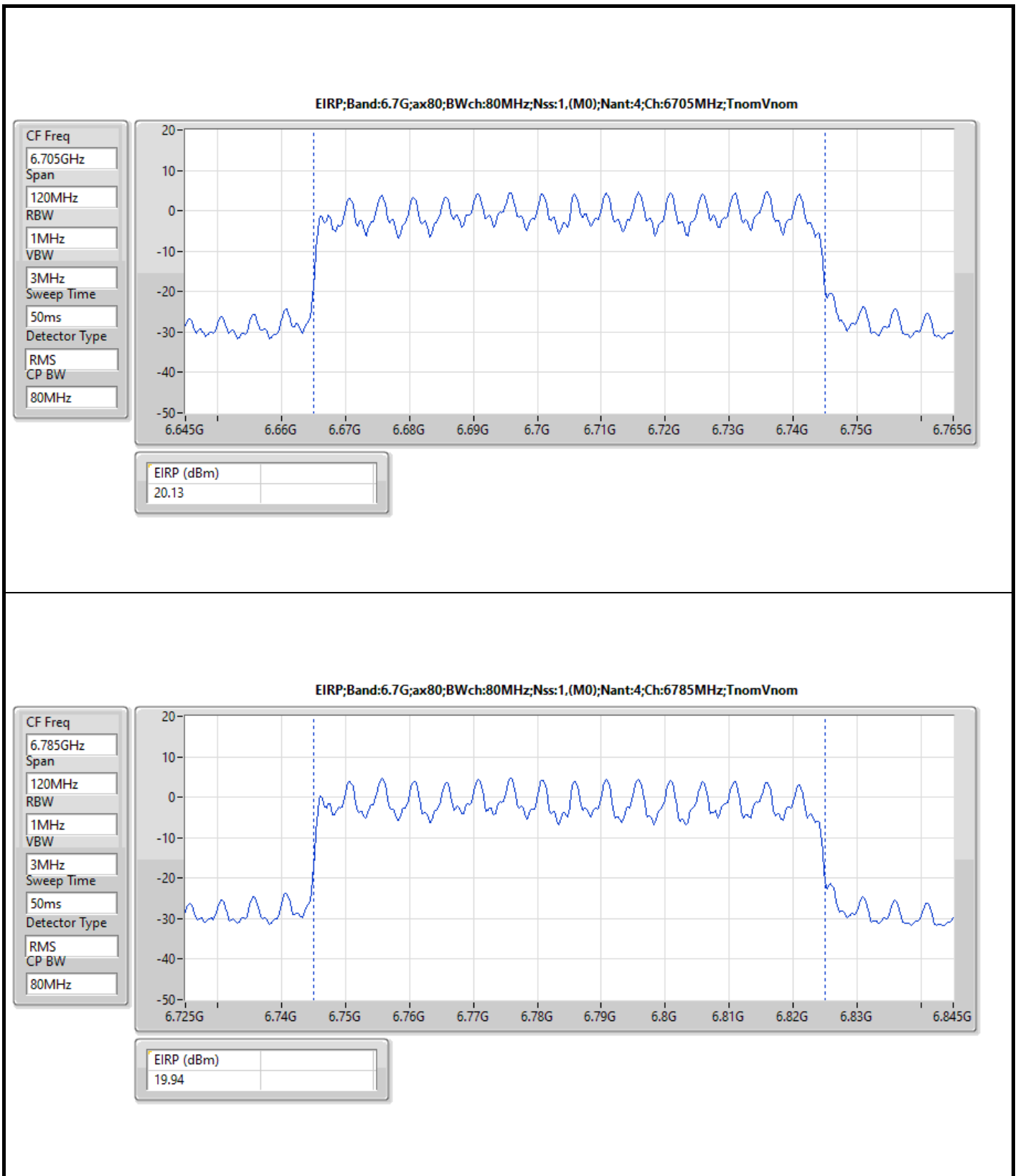


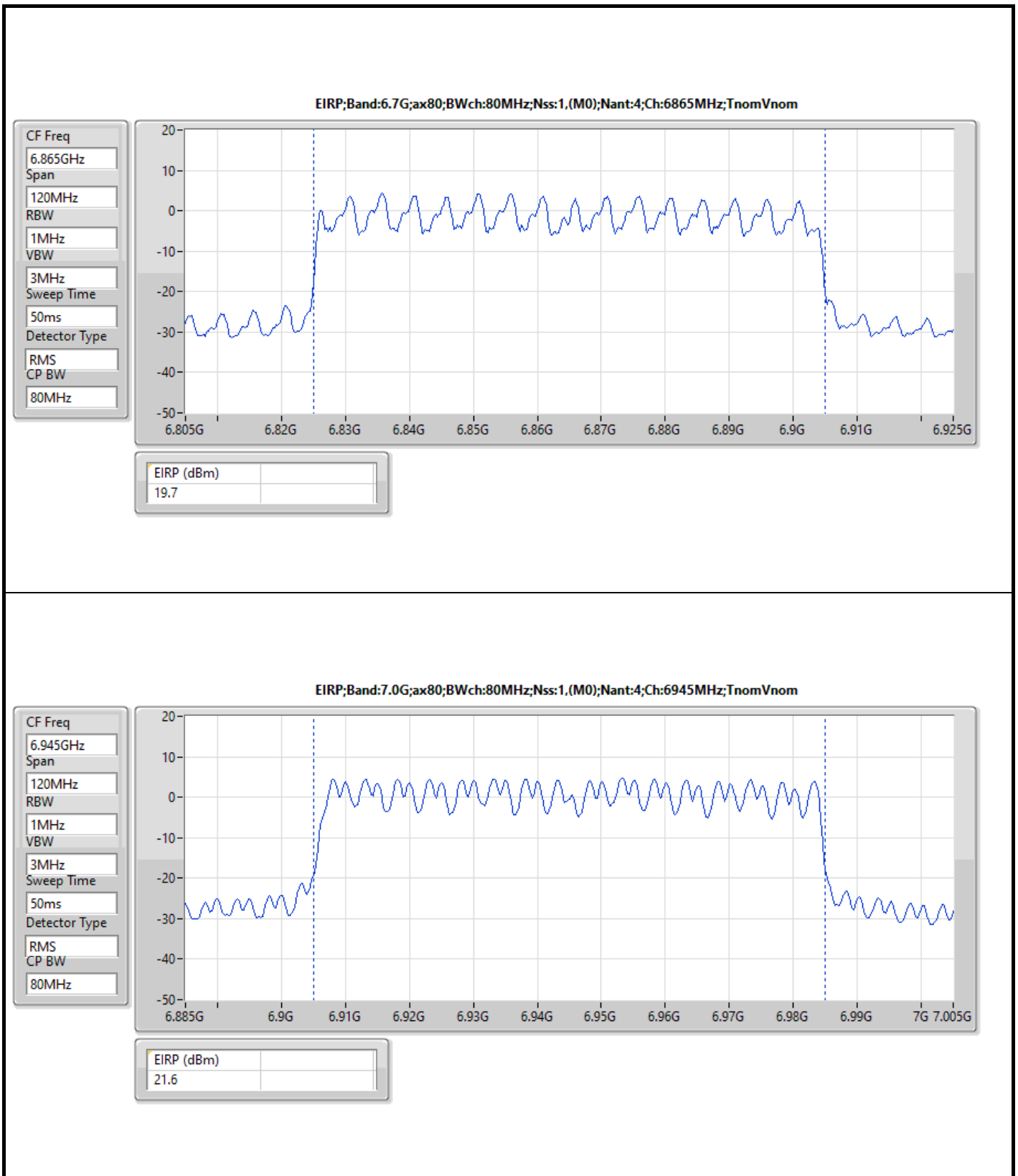


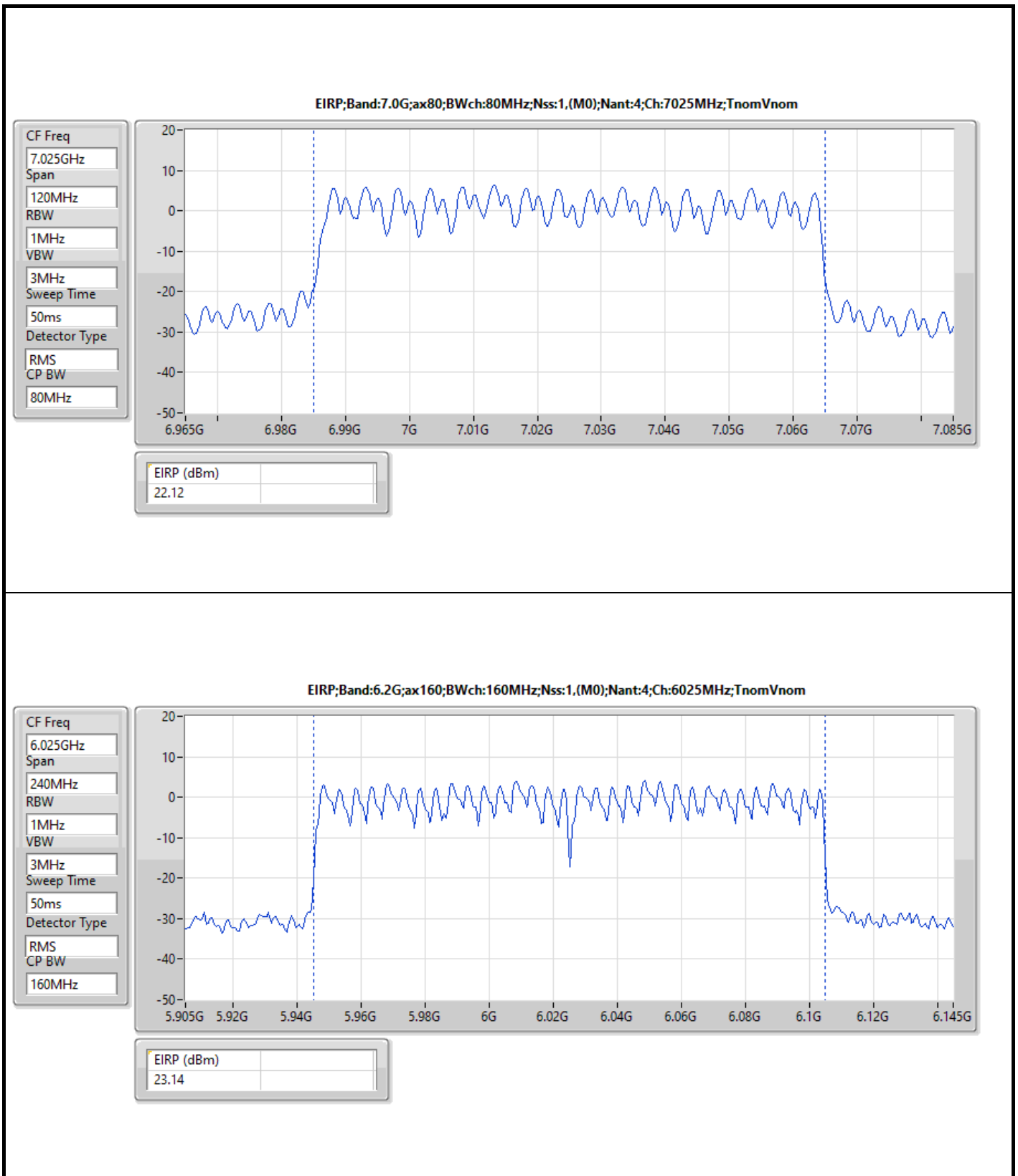


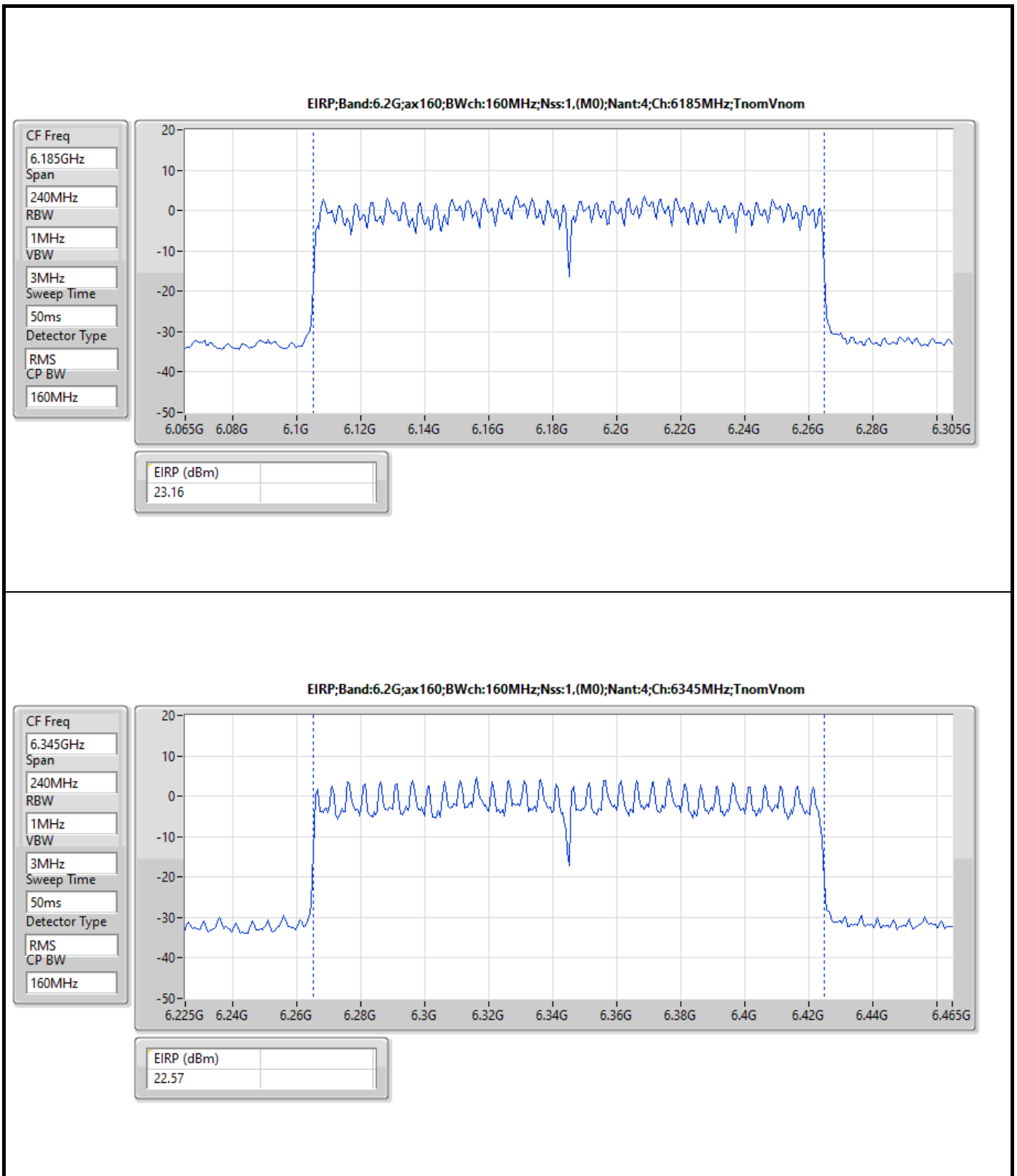


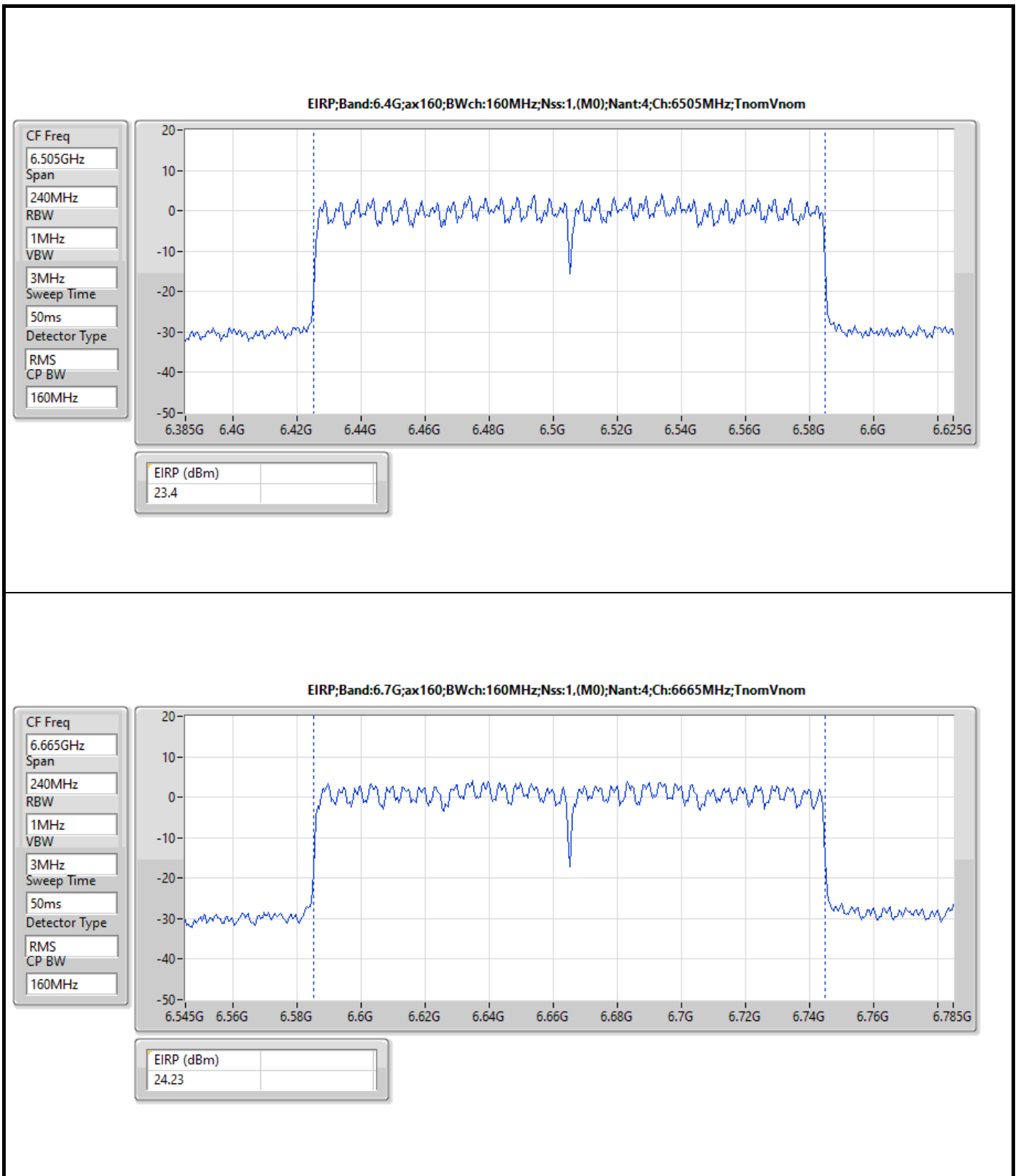


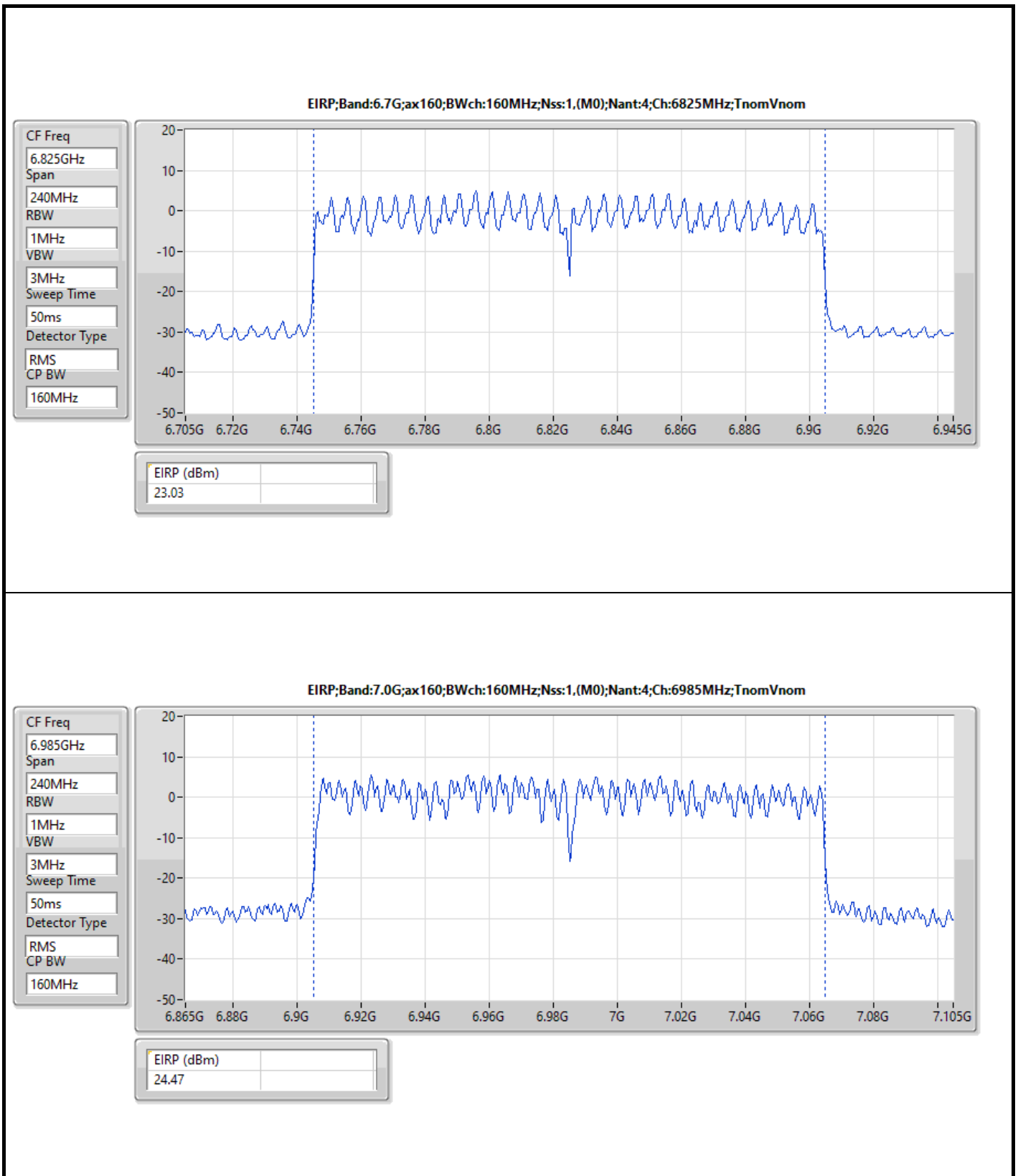












For beamforming mode

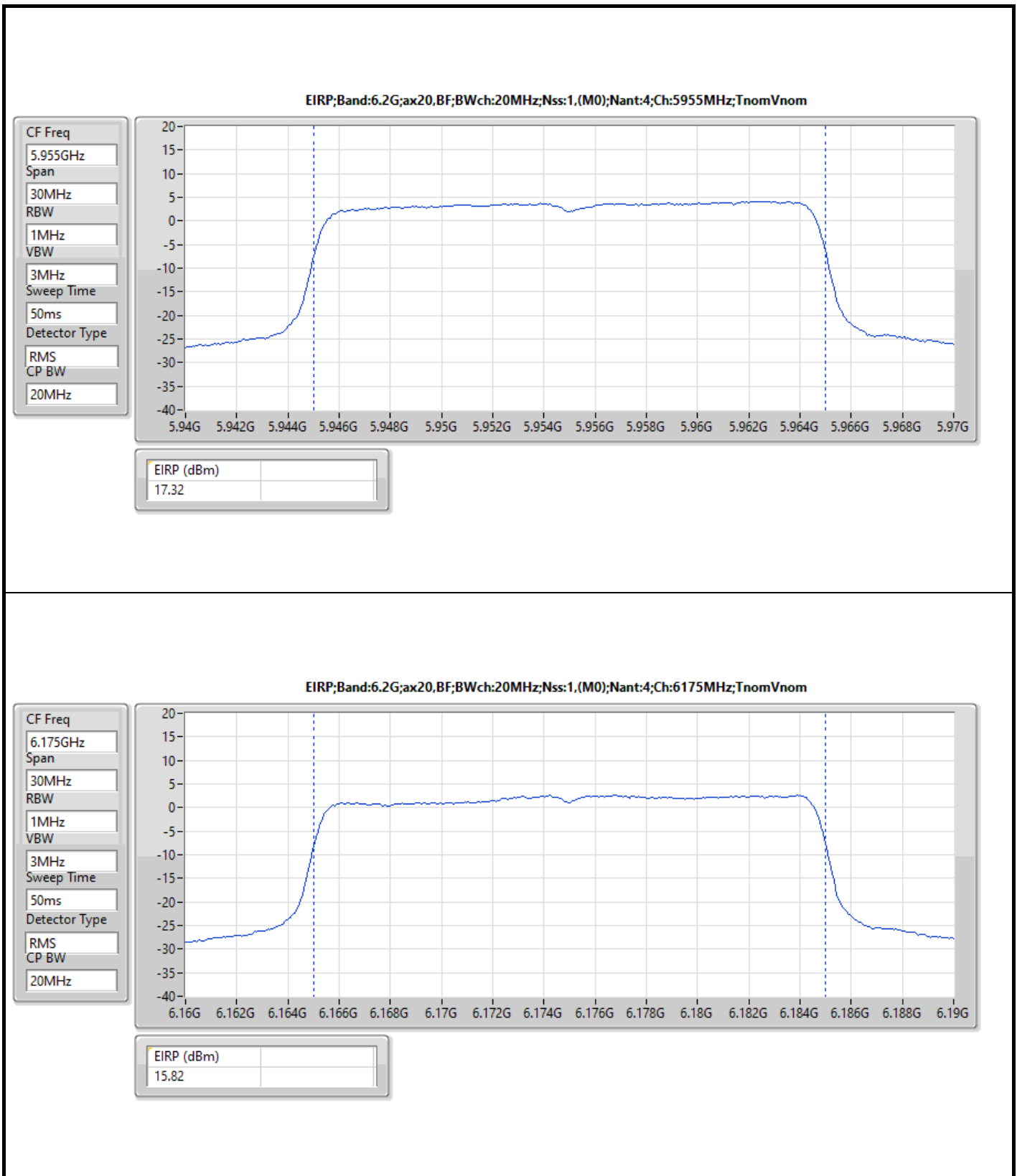
Summary

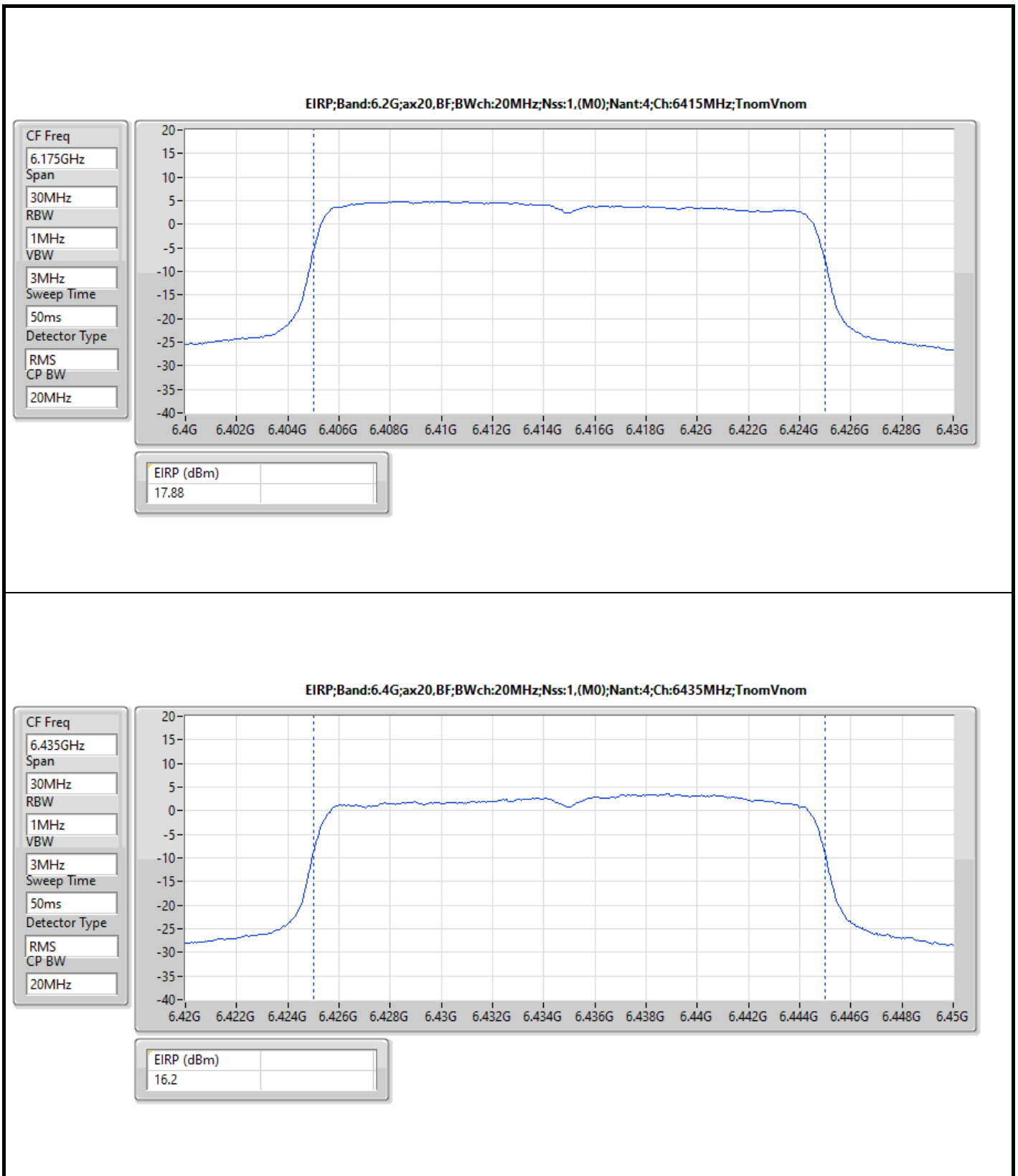
Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.88	0.06138
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	22.51	0.17824
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.55	0.28510
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	27.40	0.54954
6.425-6.525GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.10	0.06457
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.42	0.21979
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.44	0.27797
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	27.81	0.60395
6.525-6.875GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.61	0.07261
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.50	0.22387
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	25.16	0.32810
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	27.34	0.54200
6.875-7.125GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.14	0.08204
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.86	0.24322
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.83	0.30409
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	28.43	0.69663

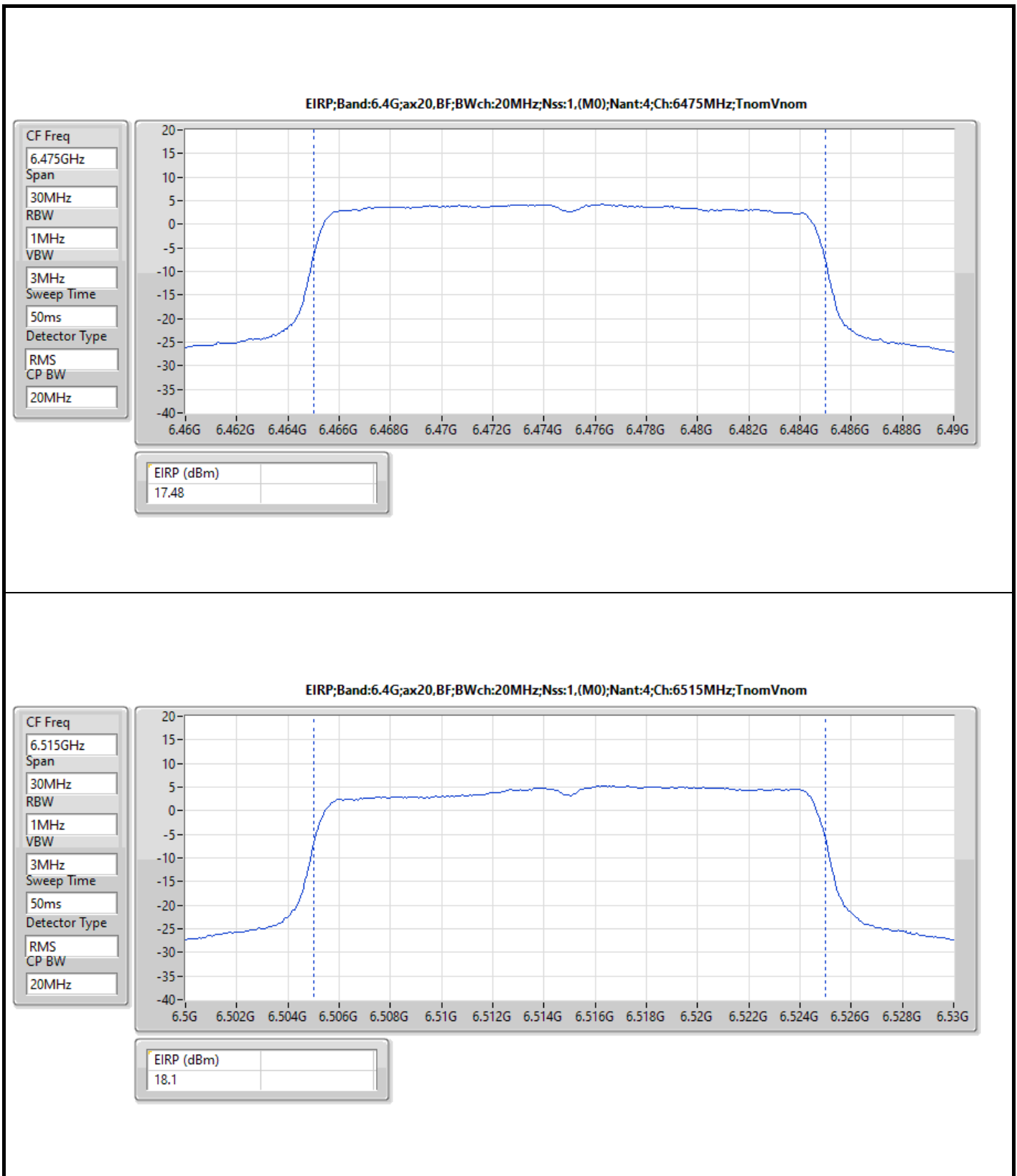
Result

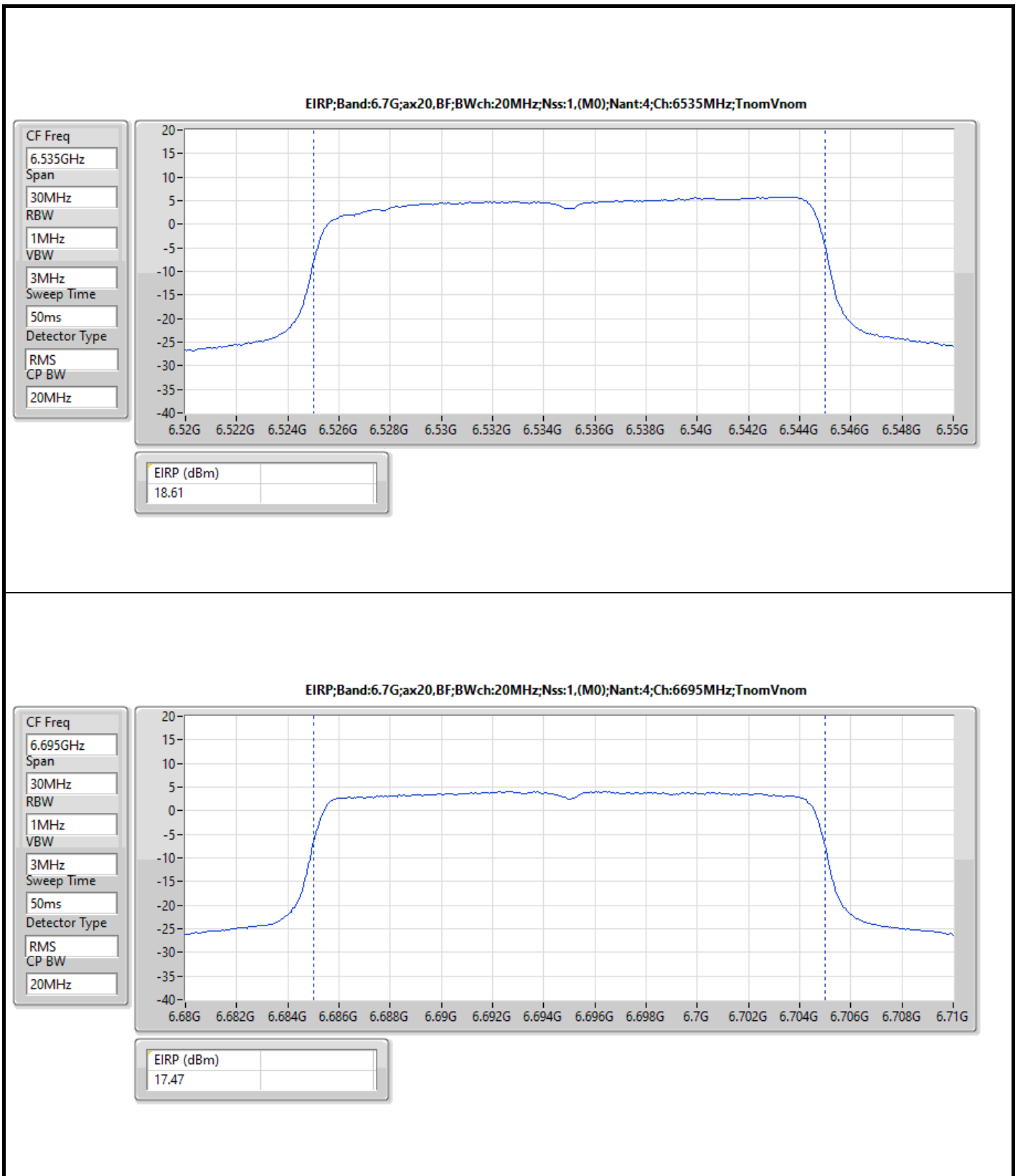
Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	17.32	30.00
6175MHz	Pass	15.82	30.00
6415MHz	Pass	17.88	30.00
6435MHz	Pass	16.20	30.00
6475MHz	Pass	17.48	30.00
6515MHz	Pass	18.10	30.00
6535MHz	Pass	18.61	30.00
6695MHz	Pass	17.47	30.00
6855MHz	Pass	15.81	30.00
6875MHz Straddle 6.525-6.875GHz	Pass	17.34	30.00
6895MHz	Pass	17.71	30.00
6995MHz	Pass	16.47	30.00
7095MHz	Pass	19.14	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	20.83	30.00
6165MHz	Pass	22.51	30.00
6405MHz	Pass	21.98	30.00
6445MHz	Pass	21.75	30.00
6485MHz	Pass	20.98	30.00
6525MHz Straddle 6.425-6.525GHz	Pass	23.42	30.00
6565MHz	Pass	23.50	30.00
6685MHz	Pass	22.81	30.00
6845MHz	Pass	23.20	30.00
6885MHz Straddle 6.525-6.875GHz	Pass	22.92	30.00
6925MHz	Pass	23.22	30.00
7005MHz	Pass	23.86	30.00
7085MHz	Pass	23.66	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	23.79	30.00
6145MHz	Pass	24.55	30.00
6385MHz	Pass	23.83	30.00
6465MHz	Pass	23.86	30.00
6545MHz Straddle 6.425-6.525GHz	Pass	24.44	30.00
6625MHz	Pass	24.33	30.00
6705MHz	Pass	25.16	30.00
6785MHz	Pass	23.84	30.00
6865MHz Straddle 6.525-6.875GHz	Pass	24.27	30.00
6945MHz	Pass	24.37	30.00
7025MHz	Pass	24.83	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	27.14	30.00
6185MHz	Pass	27.40	30.00
6345MHz	Pass	26.90	30.00
6505MHz Straddle 6.425-6.525GHz	Pass	27.81	30.00
6665MHz	Pass	27.34	30.00
6825MHz Straddle 6.525-6.875GHz	Pass	26.88	30.00
6985MHz	Pass	28.43	30.00

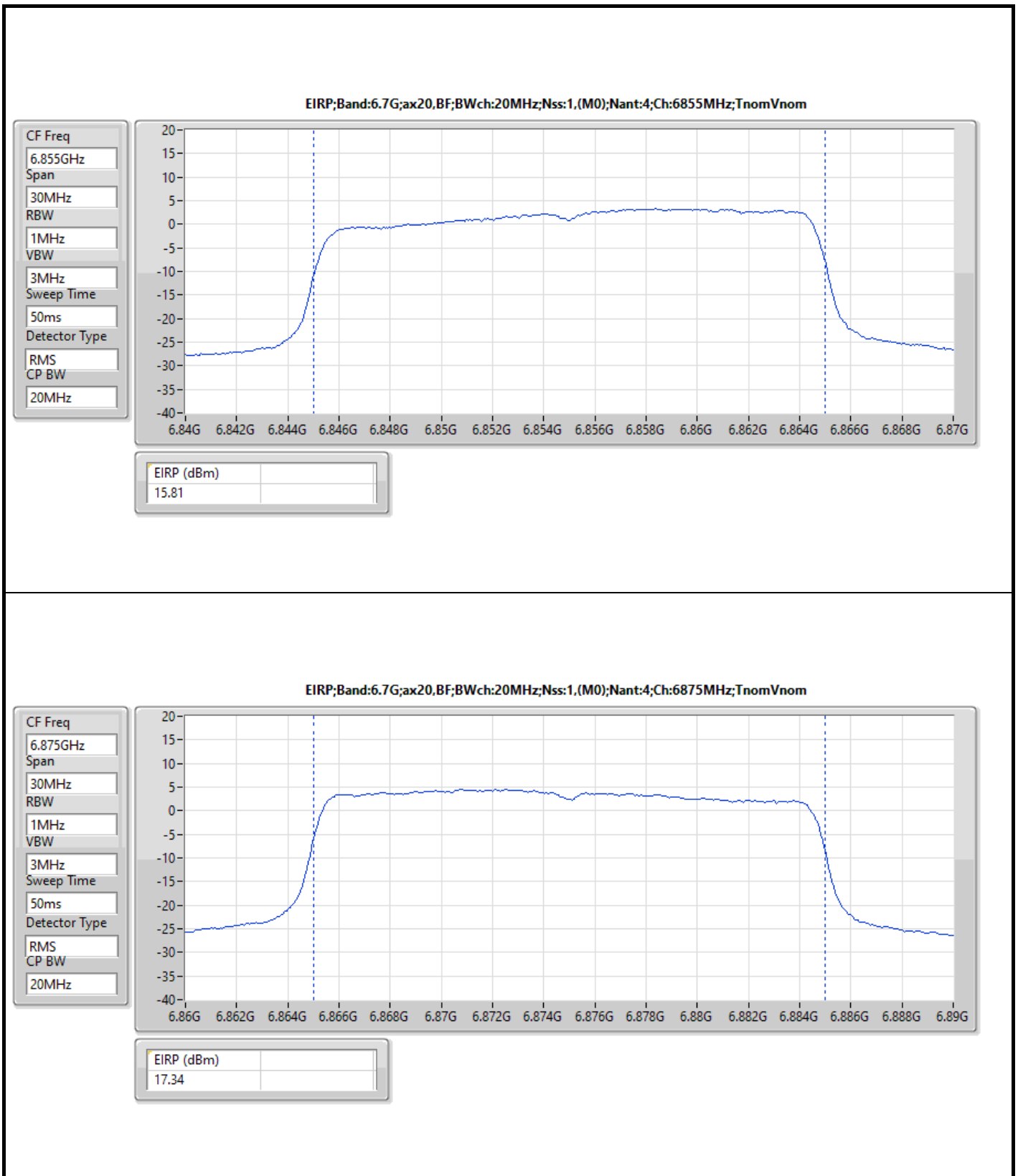
DG = Directional Gain
The test result used radiated measurement.

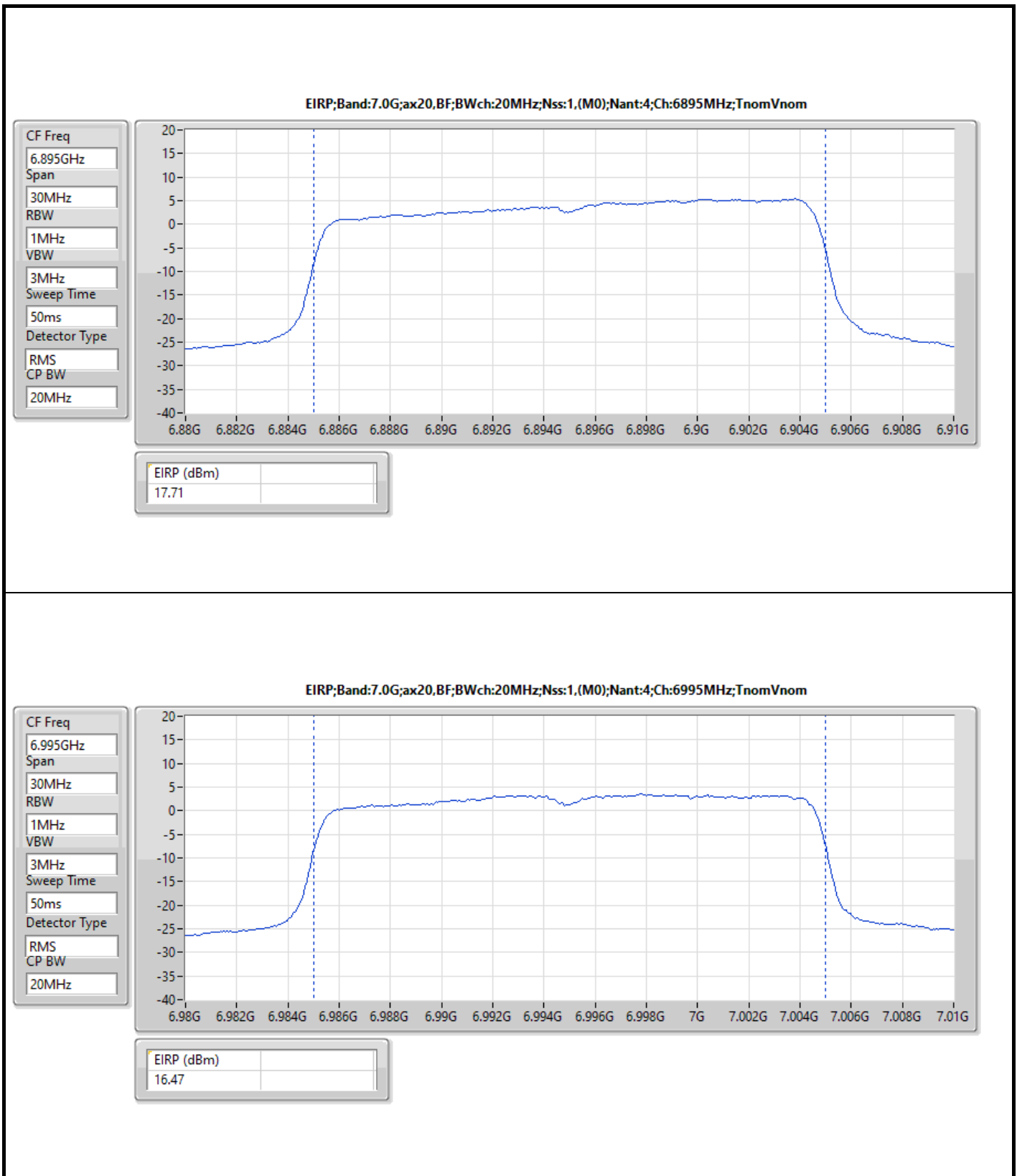


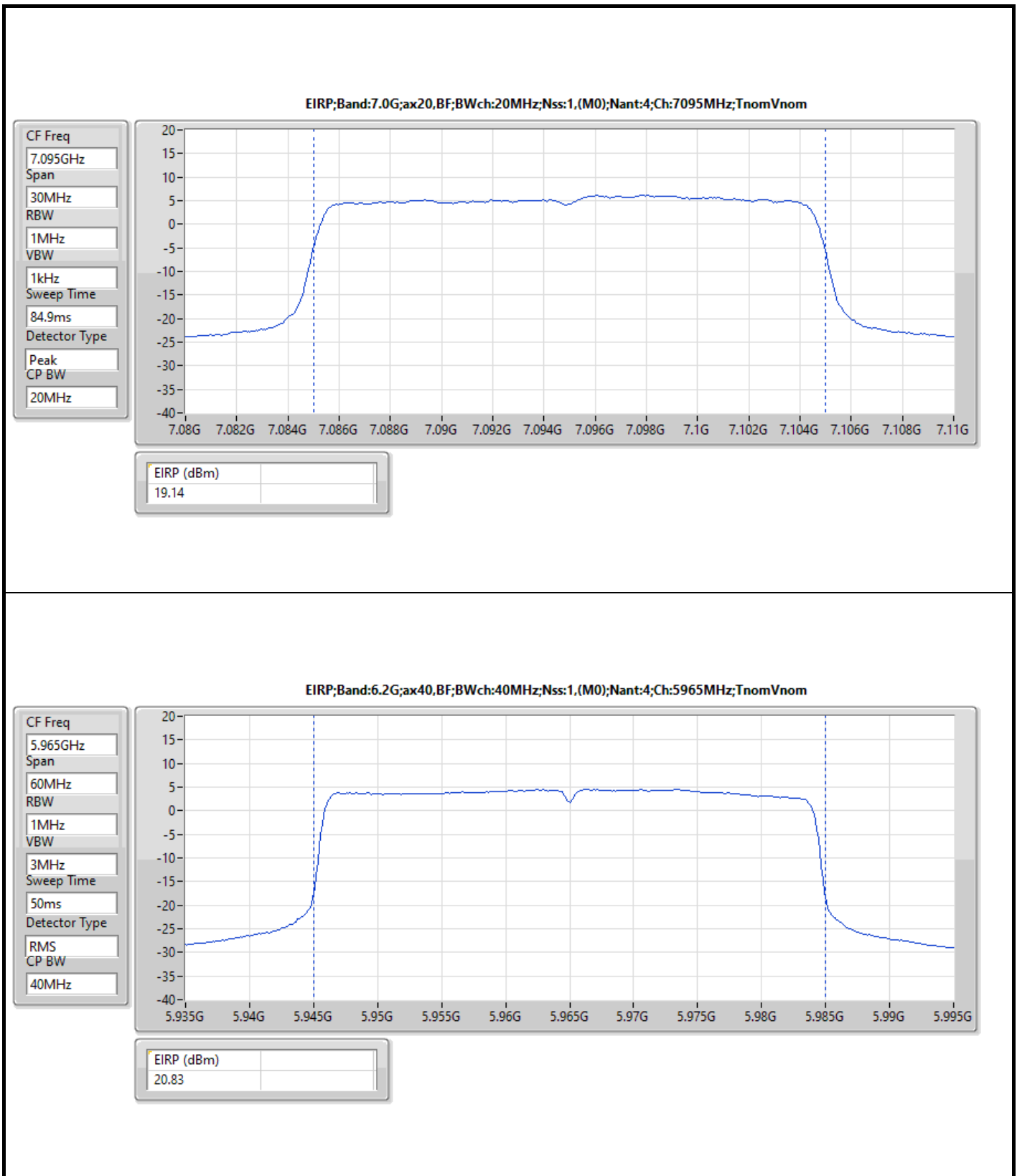


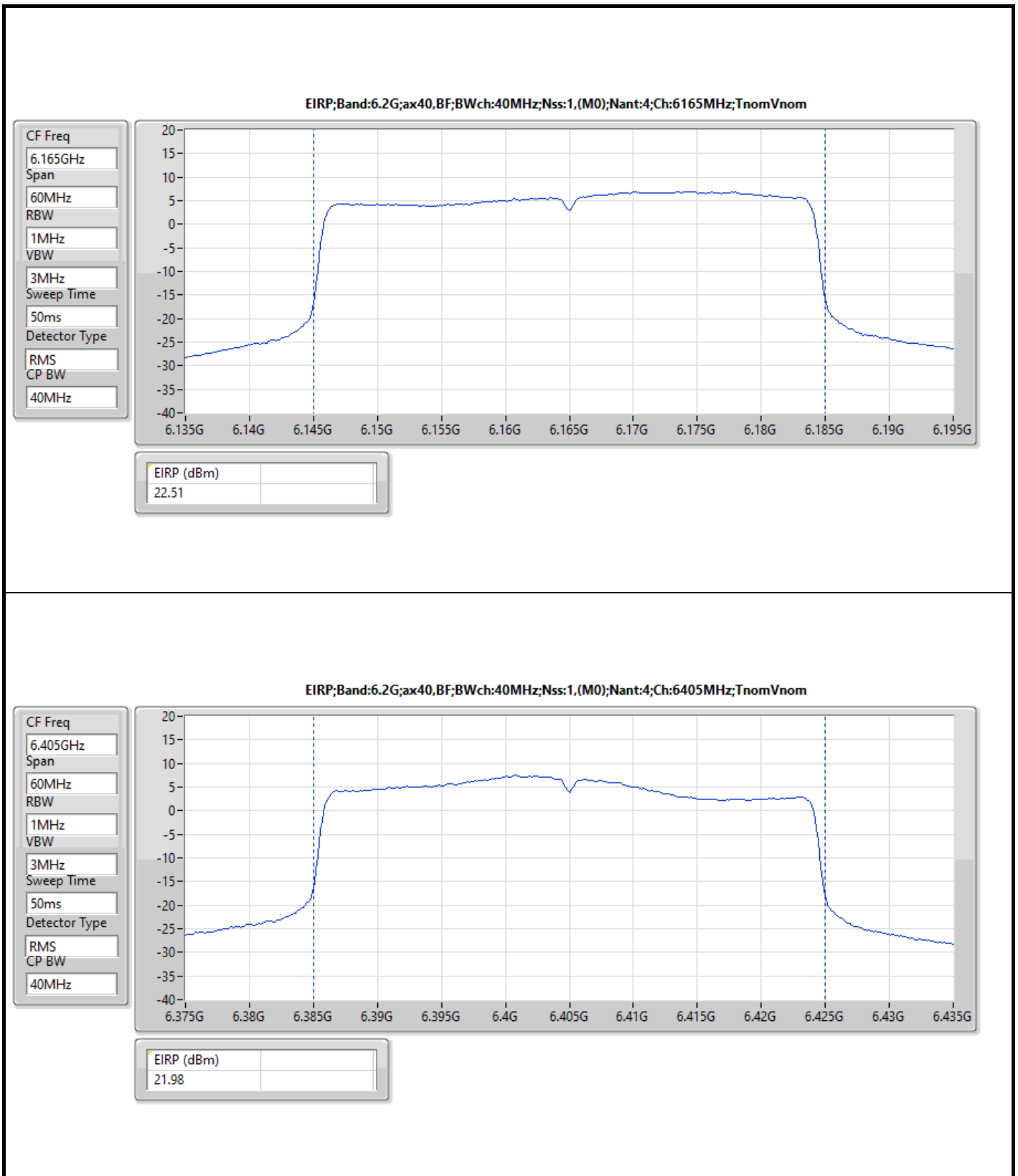


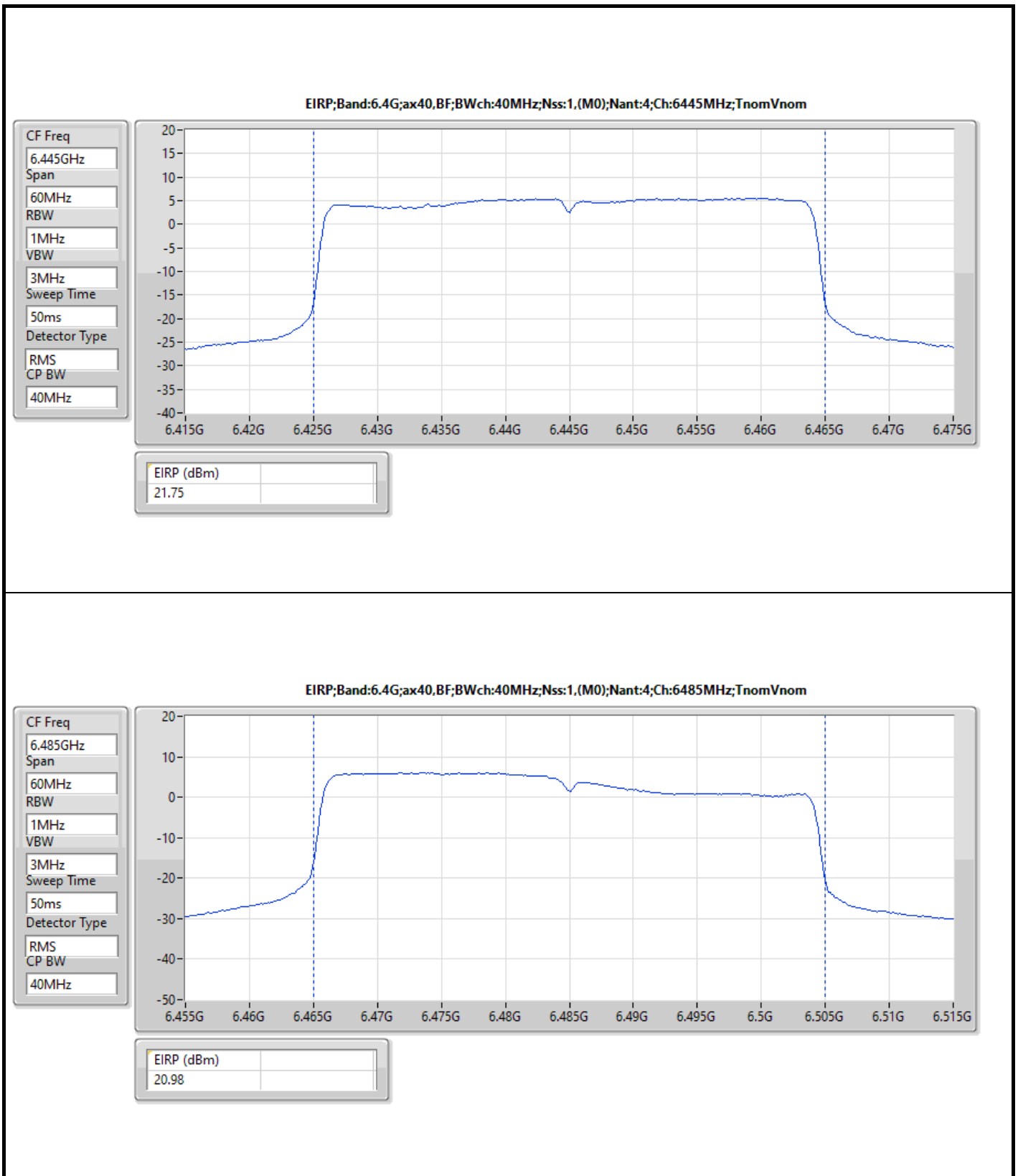


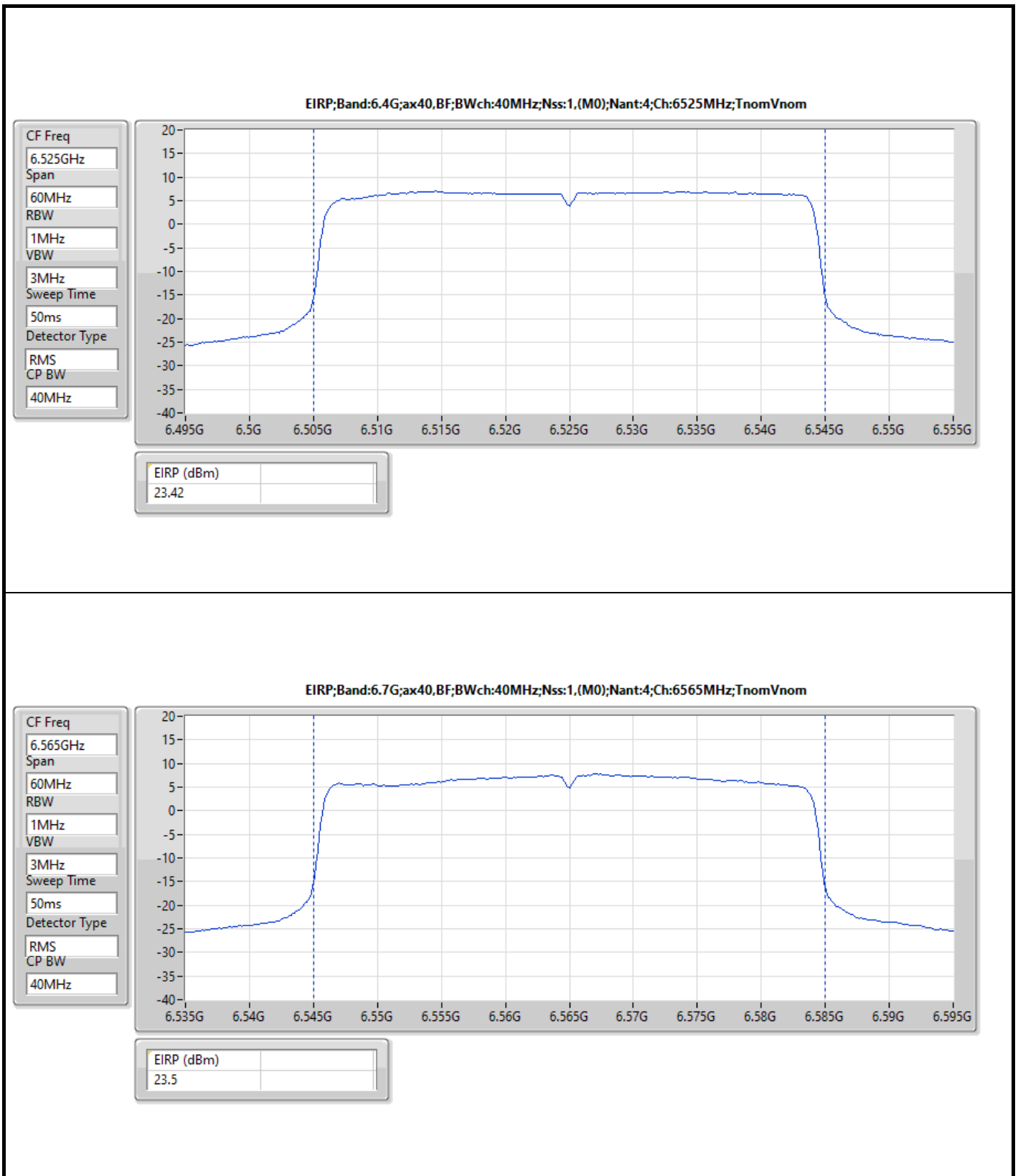


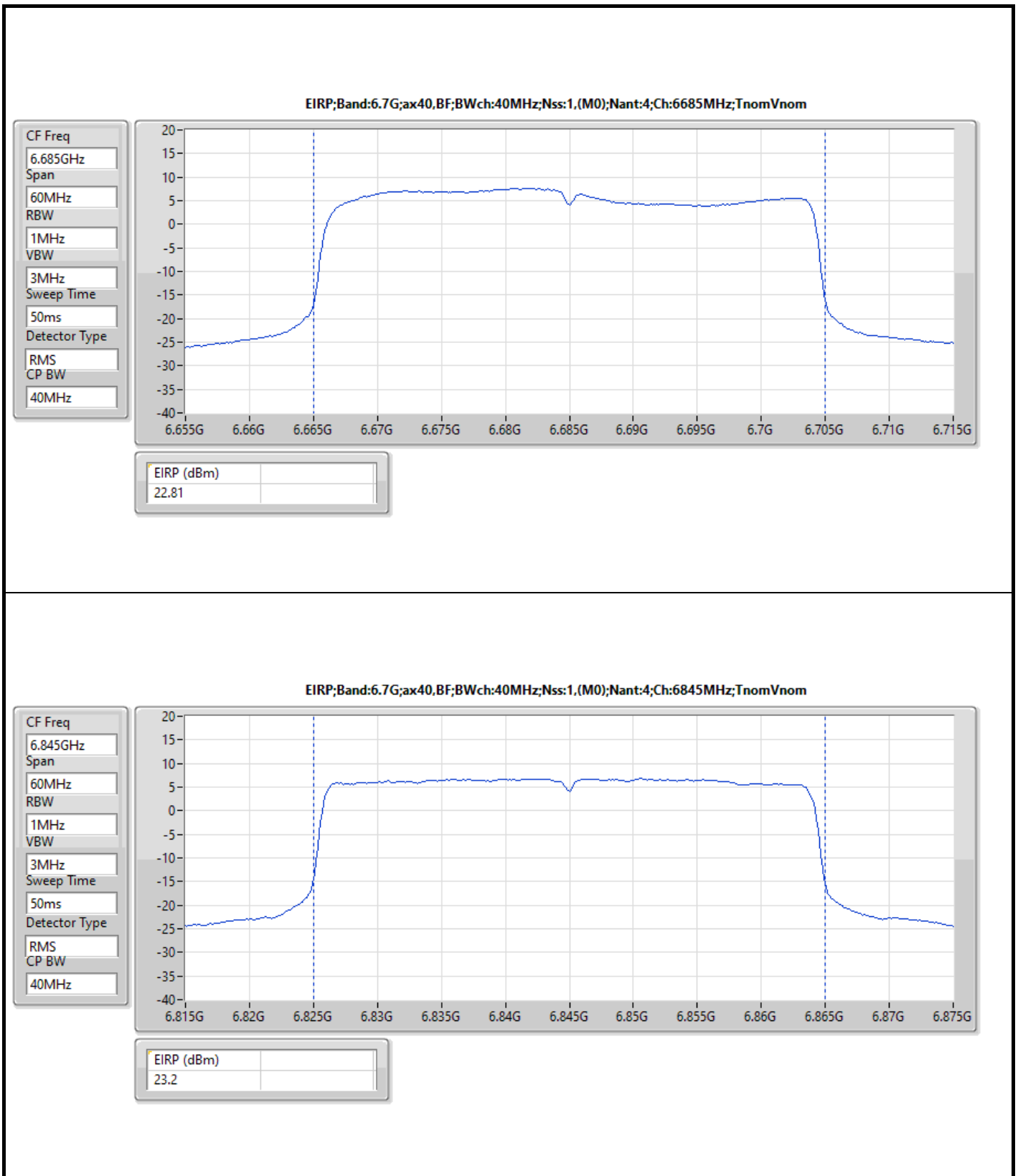


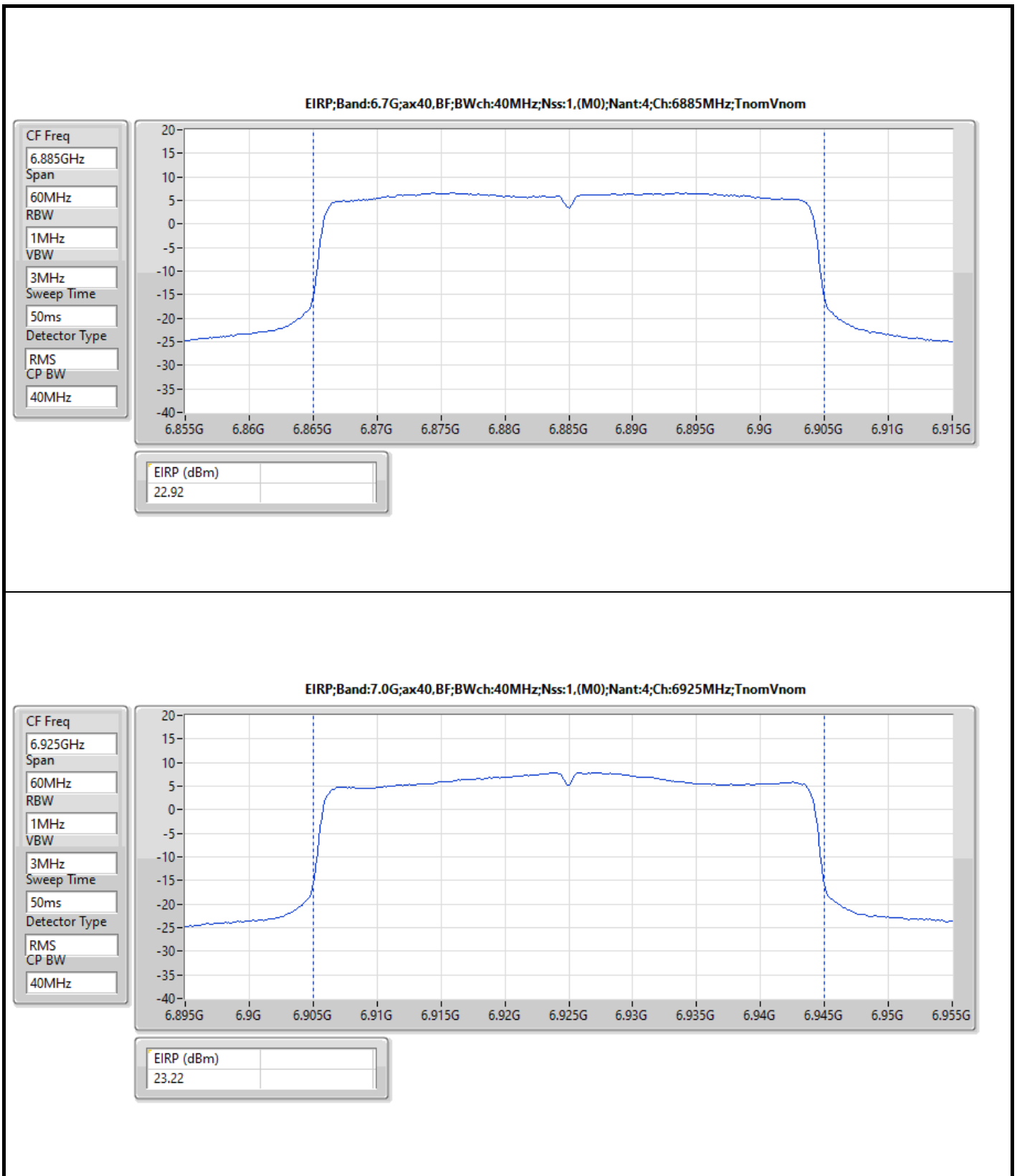


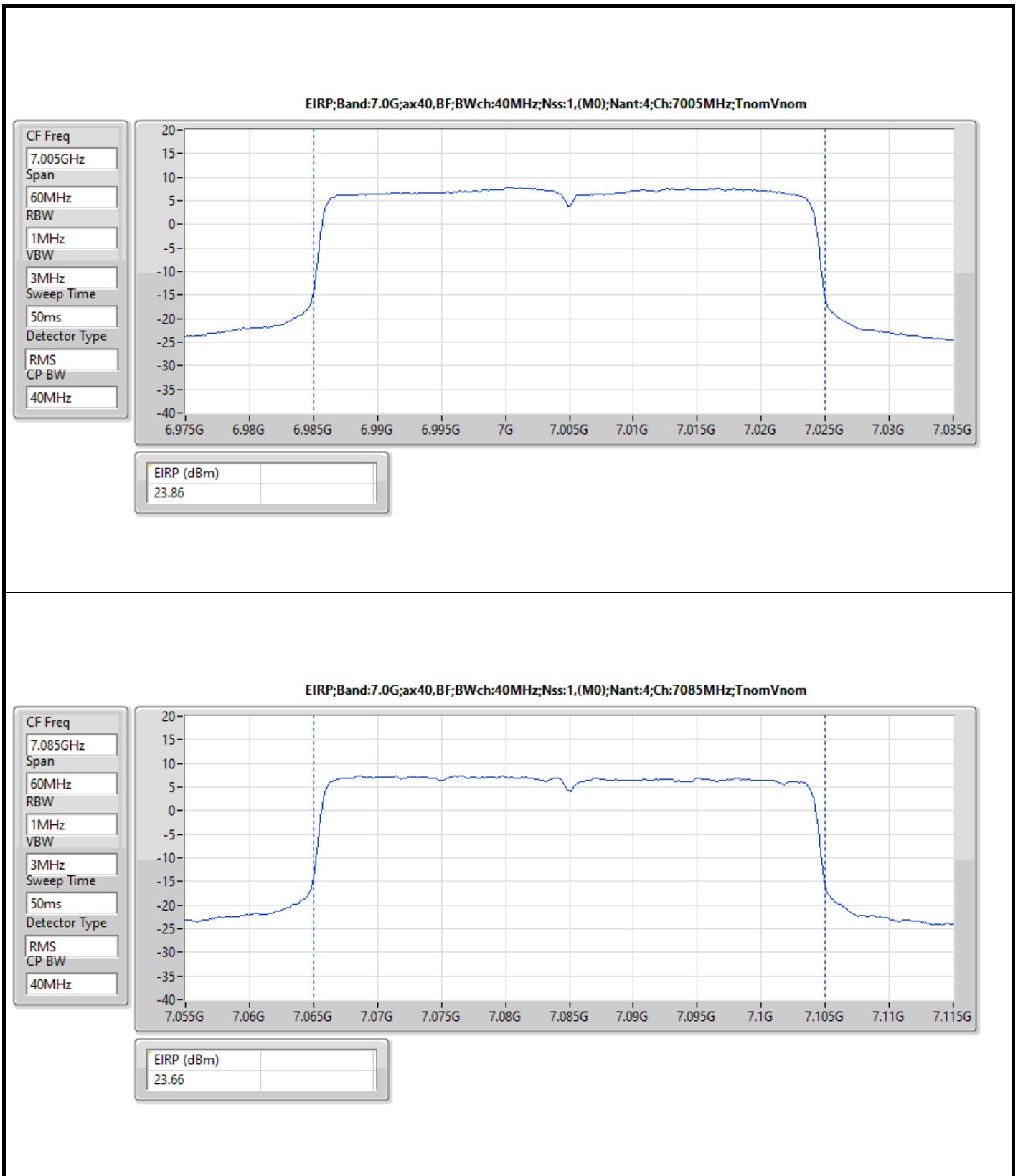


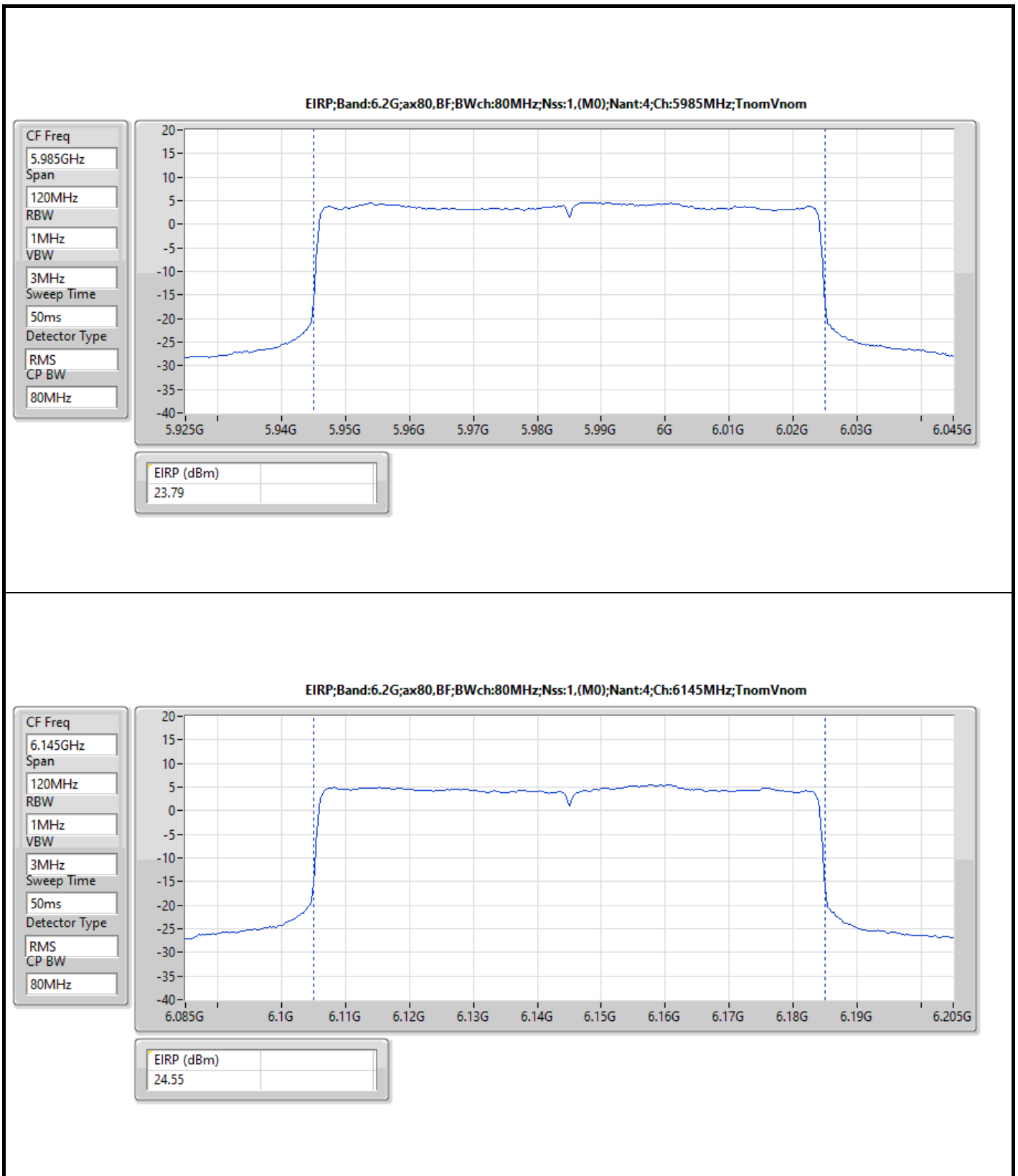


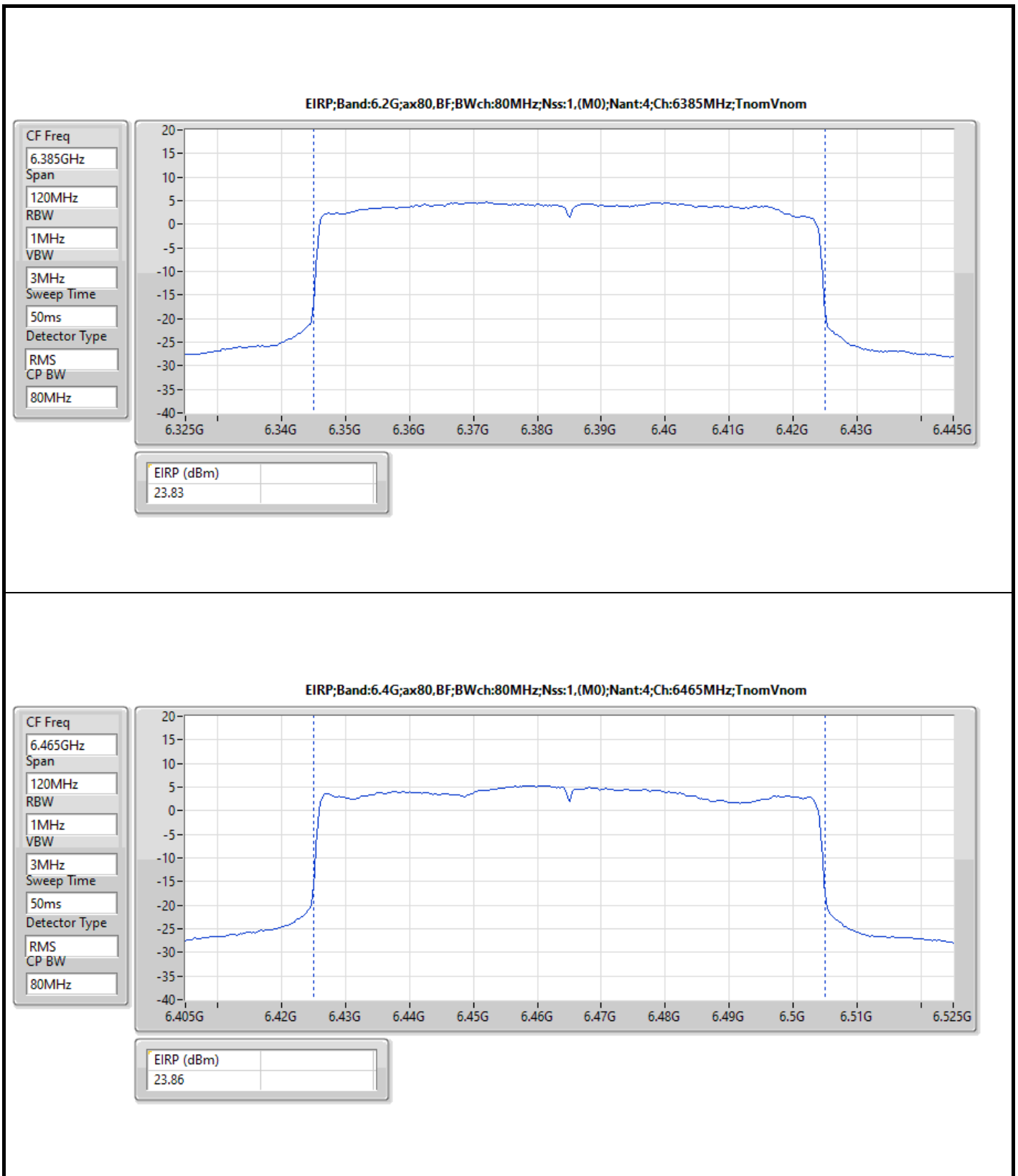


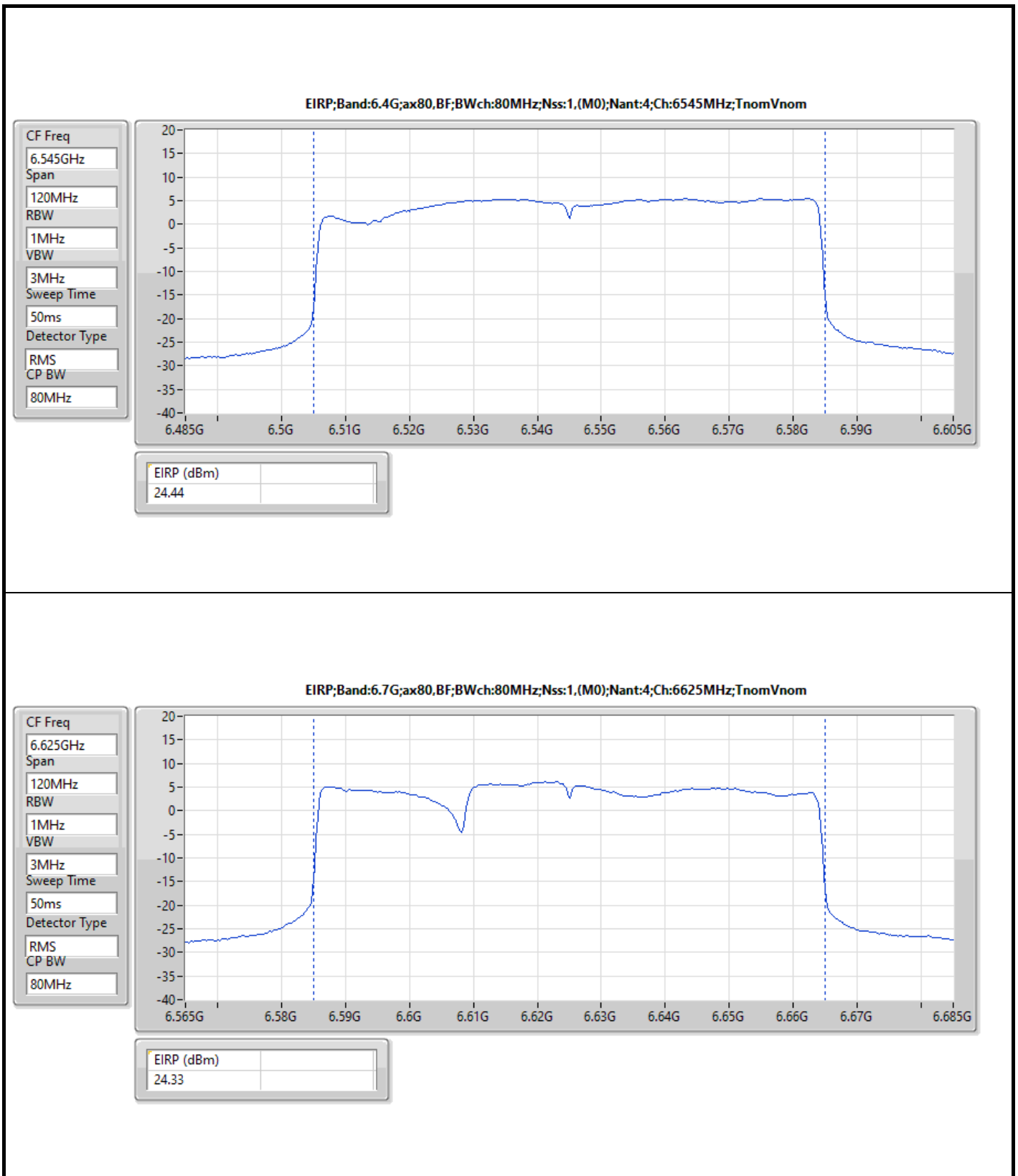


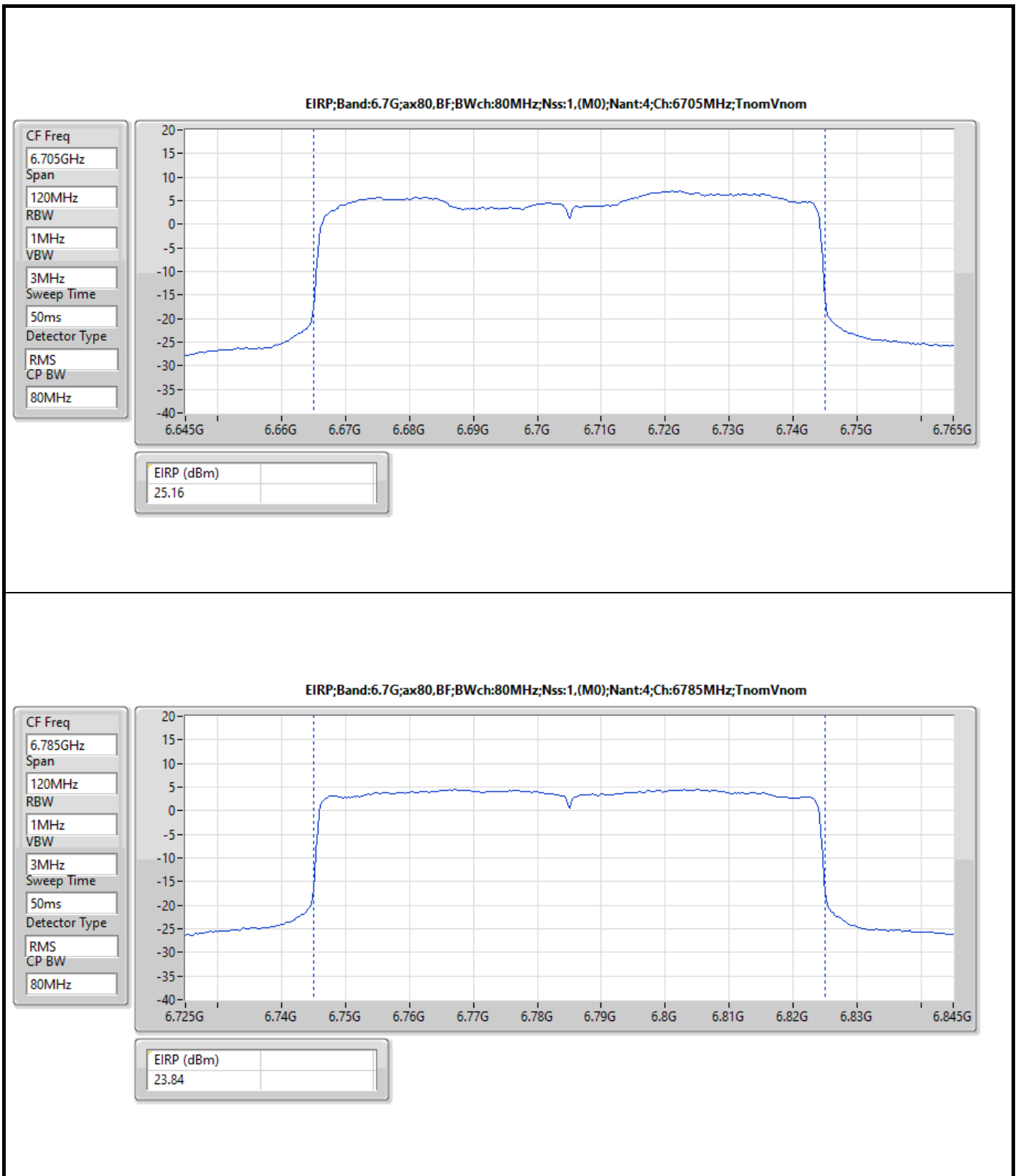


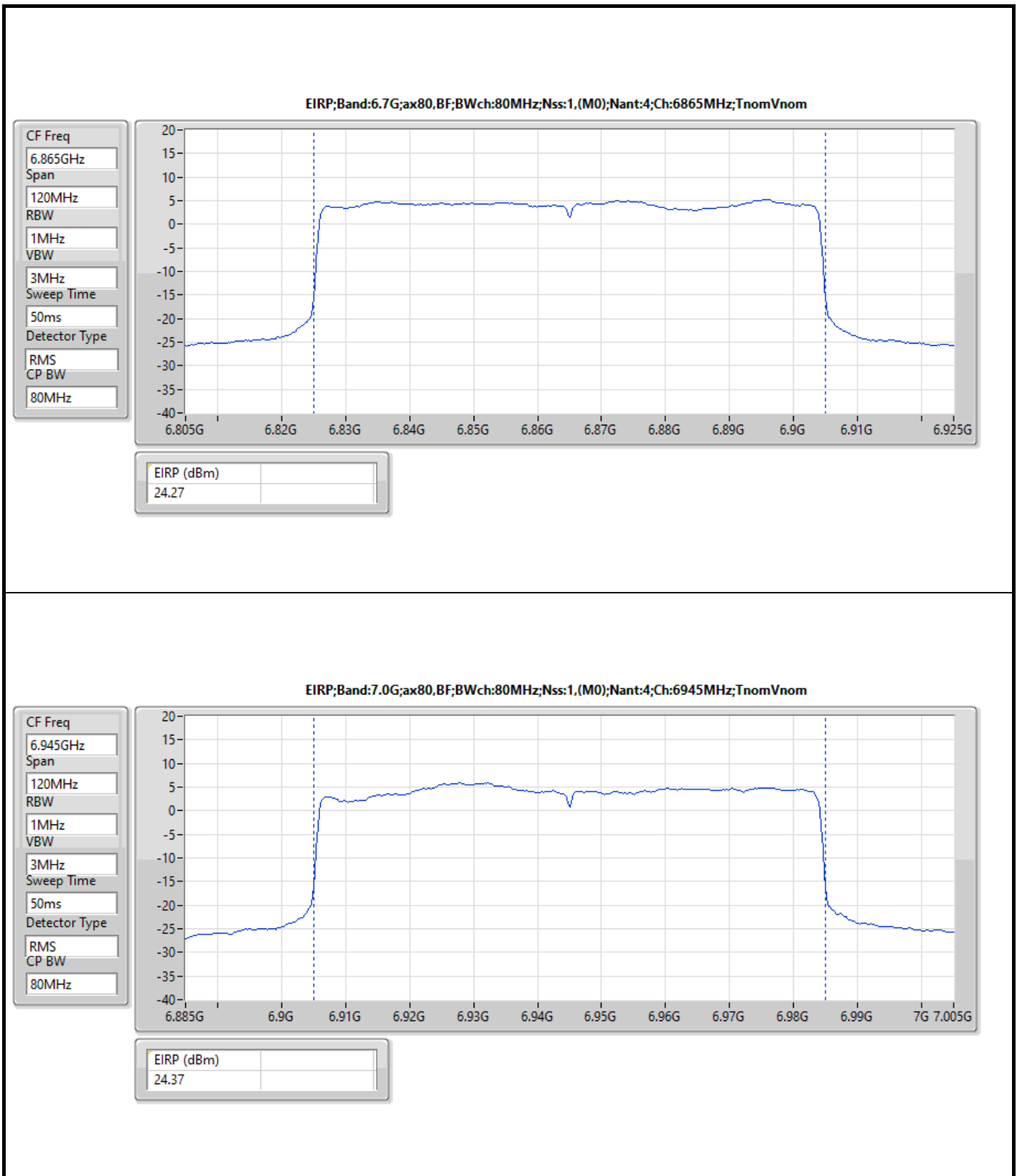


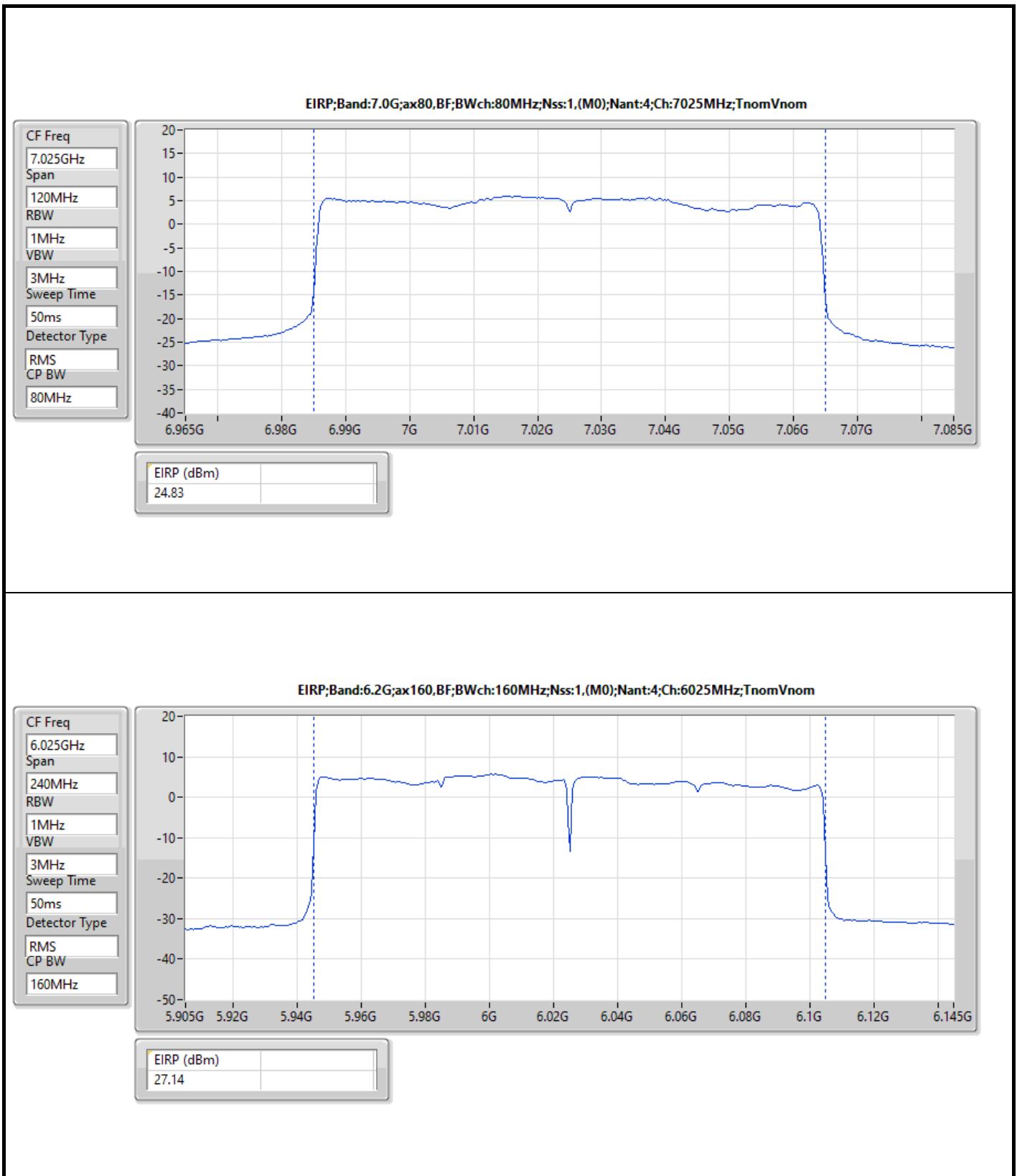




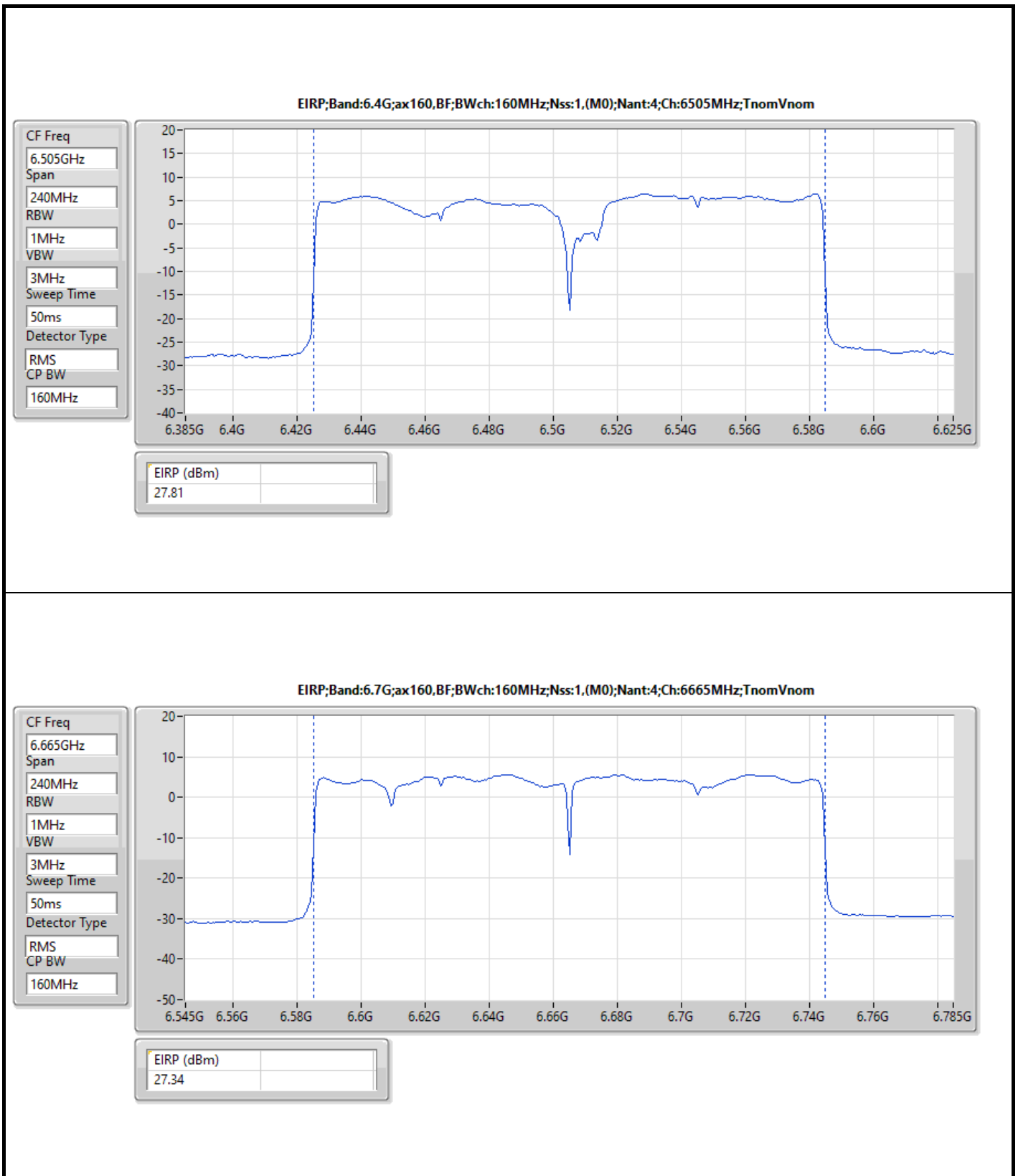


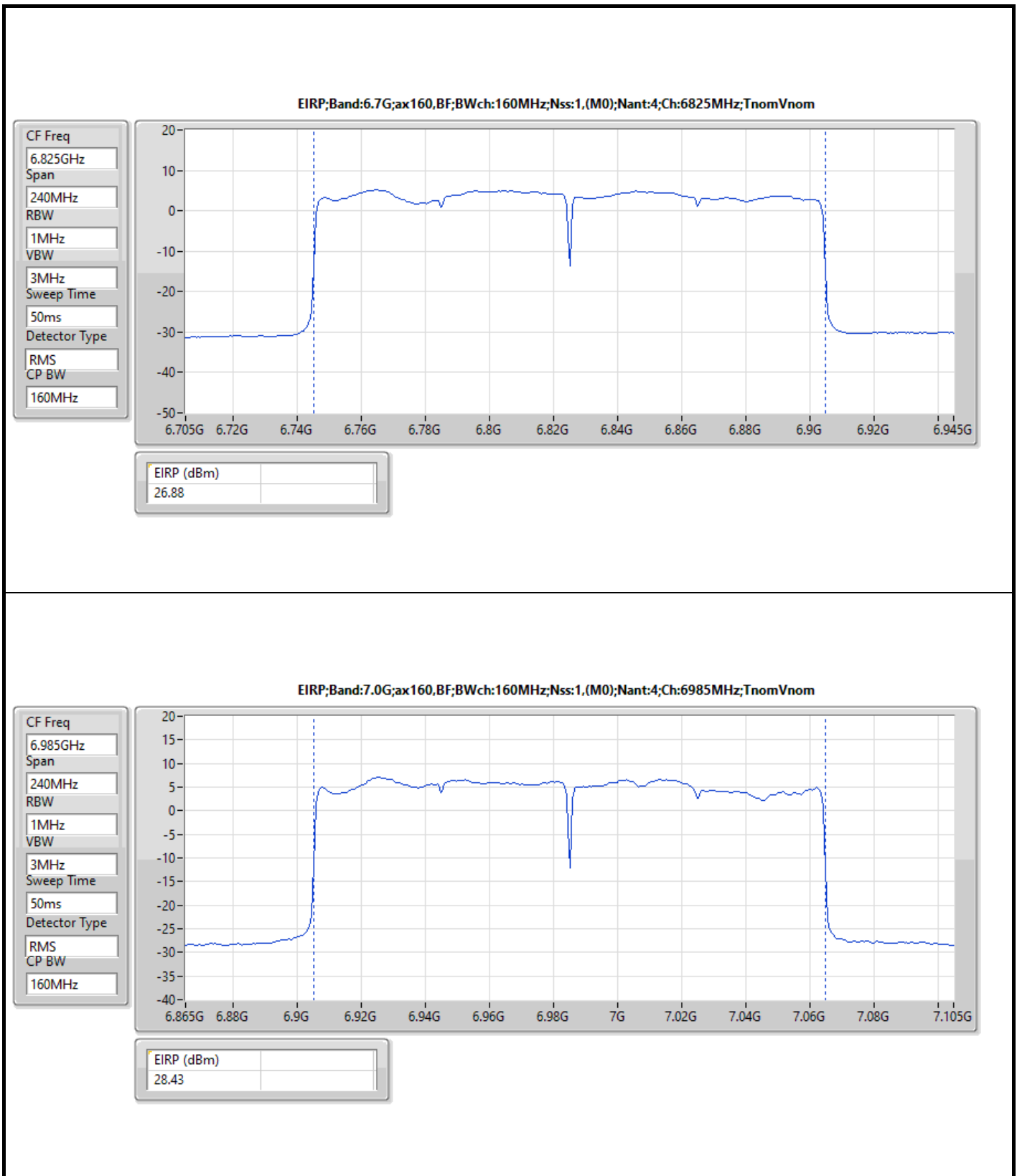












For non beamforming mode

Summary

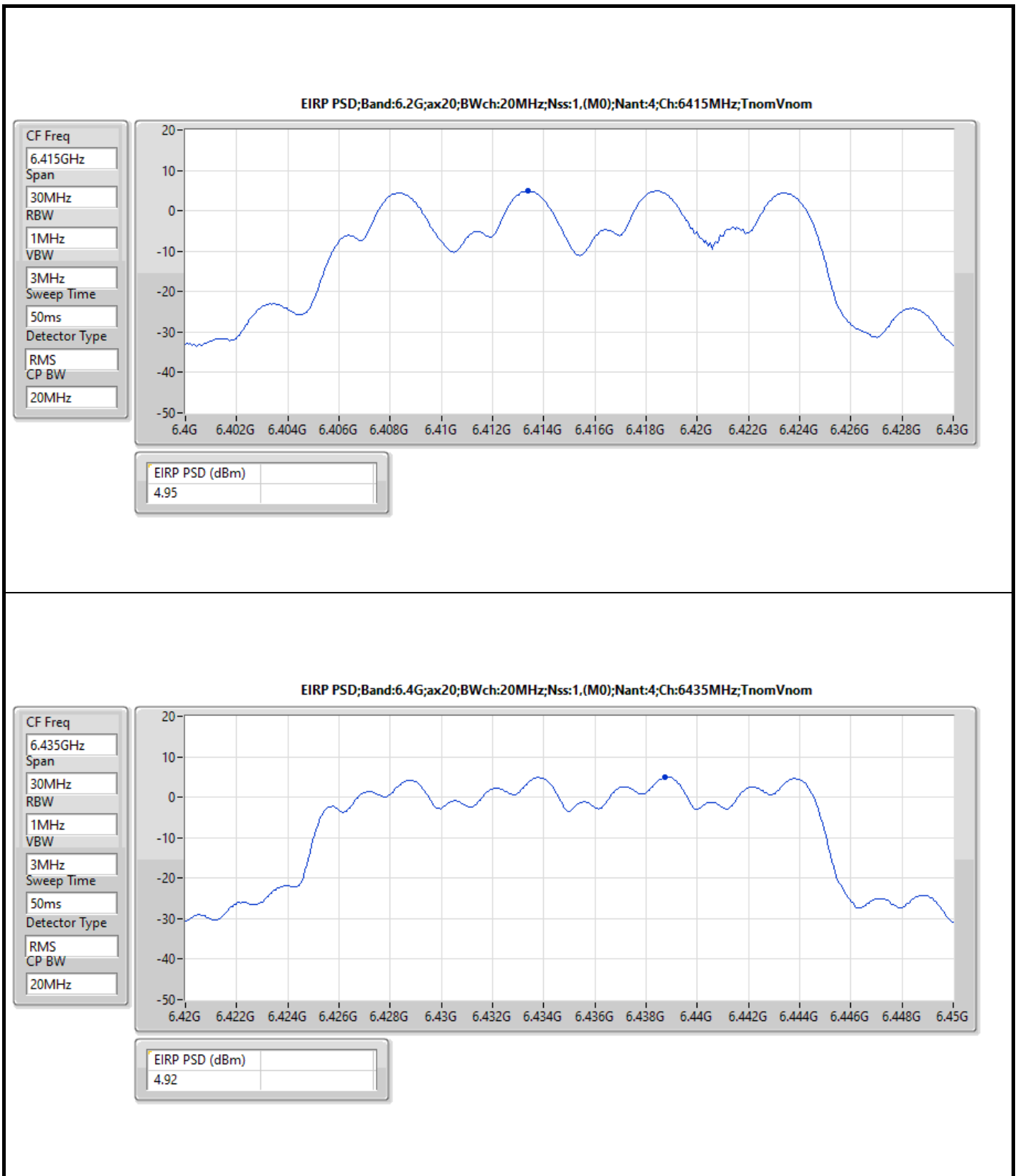
Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	4.95
802.11ax HEW40_Nss1,(MCS0)_4TX	4.97
802.11ax HEW80_Nss1,(MCS0)_4TX	4.86
802.11ax HEW160_Nss1,(MCS0)_4TX	4.97
6.425-6.525GHz	
802.11ax HEW20_Nss1,(MCS0)_4TX	4.94
802.11ax HEW40_Nss1,(MCS0)_4TX	4.94
802.11ax HEW80_Nss1,(MCS0)_4TX	4.92
802.11ax HEW160_Nss1,(MCS0)_4TX	4.79
6.525-6.875GHz	
802.11ax HEW20_Nss1,(MCS0)_4TX	4.98
802.11ax HEW40_Nss1,(MCS0)_4TX	4.97
802.11ax HEW80_Nss1,(MCS0)_4TX	4.95
802.11ax HEW160_Nss1,(MCS0)_4TX	4.90
6.875-7.125GHz	
802.11ax HEW20_Nss1,(MCS0)_4TX	4.94
802.11ax HEW40_Nss1,(MCS0)_4TX	4.92
802.11ax HEW80_Nss1,(MCS0)_4TX	4.92
802.11ax HEW160_Nss1,(MCS0)_4TX	4.84

Result

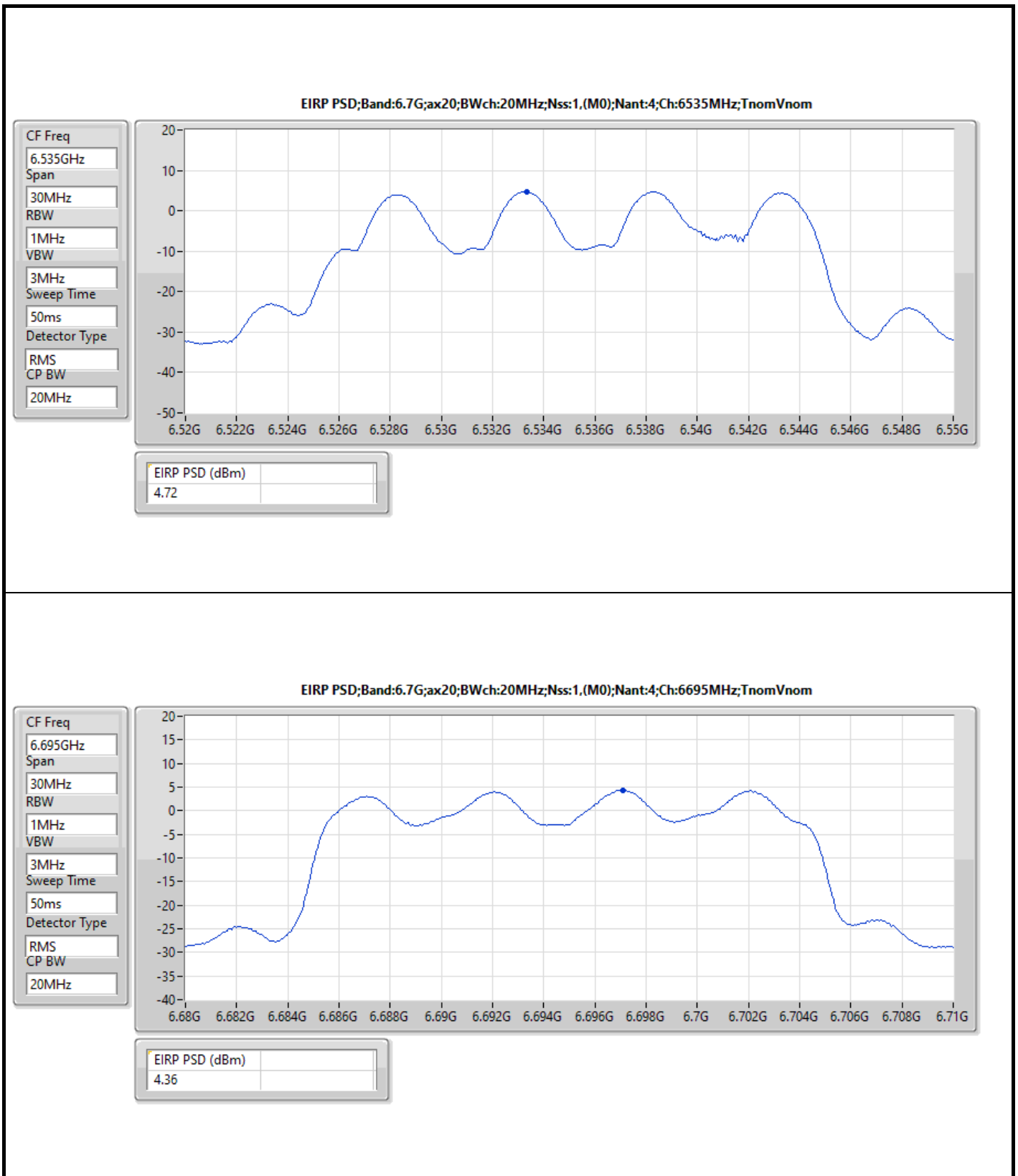
Mode	Result	EIRP PSD (dBm/RBW)	EIRP PSD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	4.80	5.00
6175MHz	Pass	4.85	5.00
6415MHz	Pass	4.95	5.00
6435MHz	Pass	4.92	5.00
6475MHz	Pass	4.94	5.00
6515MHz	Pass	4.81	5.00
6535MHz	Pass	4.72	5.00
6695MHz	Pass	4.36	5.00
6855MHz	Pass	4.97	5.00
6875MHz Straddle 6.525-6.875GHz	Pass	4.98	5.00
6895MHz	Pass	4.94	5.00
6995MHz	Pass	4.87	5.00
7095MHz	Pass	4.83	5.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	4.86	5.00
6165MHz	Pass	4.91	5.00
6405MHz	Pass	4.97	5.00
6445MHz	Pass	4.94	5.00
6485MHz	Pass	4.86	5.00
6525MHz Straddle 6.425-6.525GHz	Pass	4.88	5.00
6565MHz	Pass	4.90	5.00
6685MHz	Pass	4.80	5.00
6845MHz	Pass	4.97	5.00
6885MHz Straddle 6.525-6.875GHz	Pass	4.97	5.00
6925MHz	Pass	4.92	5.00
7005MHz	Pass	4.81	5.00
7085MHz	Pass	4.91	5.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	4.84	5.00
6145MHz	Pass	4.86	5.00
6385MHz	Pass	4.75	5.00
6465MHz	Pass	4.81	5.00
6545MHz Straddle 6.425-6.525GHz	Pass	4.92	5.00
6625MHz	Pass	4.78	5.00
6705MHz	Pass	4.95	5.00
6785MHz	Pass	4.84	5.00
6865MHz Straddle 6.525-6.875GHz	Pass	4.85	5.00
6945MHz	Pass	4.84	5.00
7025MHz	Pass	4.92	5.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	4.89	5.00
6185MHz	Pass	4.89	5.00
6345MHz	Pass	4.97	5.00
6505MHz Straddle 6.425-6.525GHz	Pass	4.79	5.00
6665MHz	Pass	4.83	5.00
6825MHz Straddle 6.525-6.875GHz	Pass	4.90	5.00
6985MHz	Pass	4.84	5.00

The test result used radiated measurement.



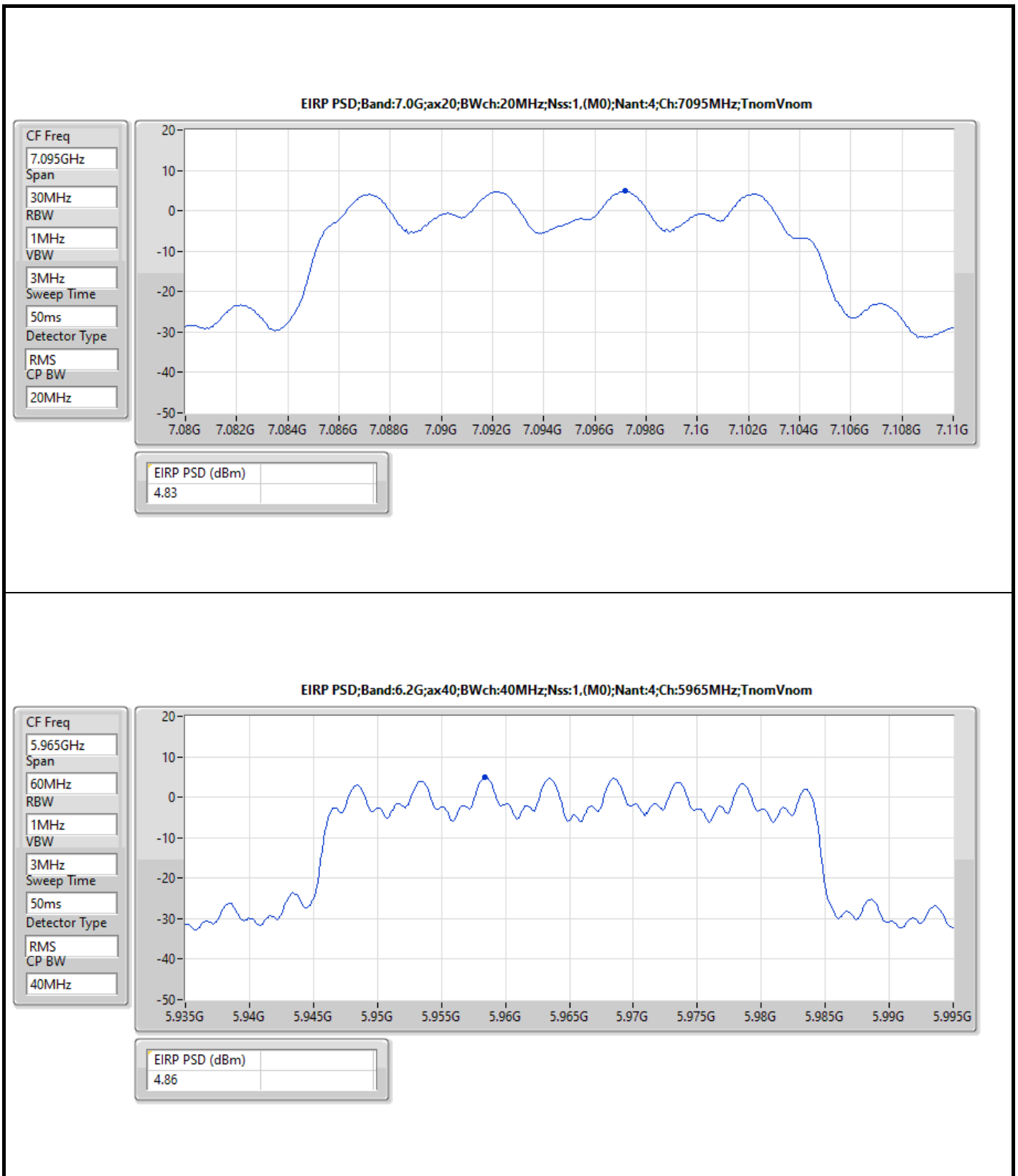




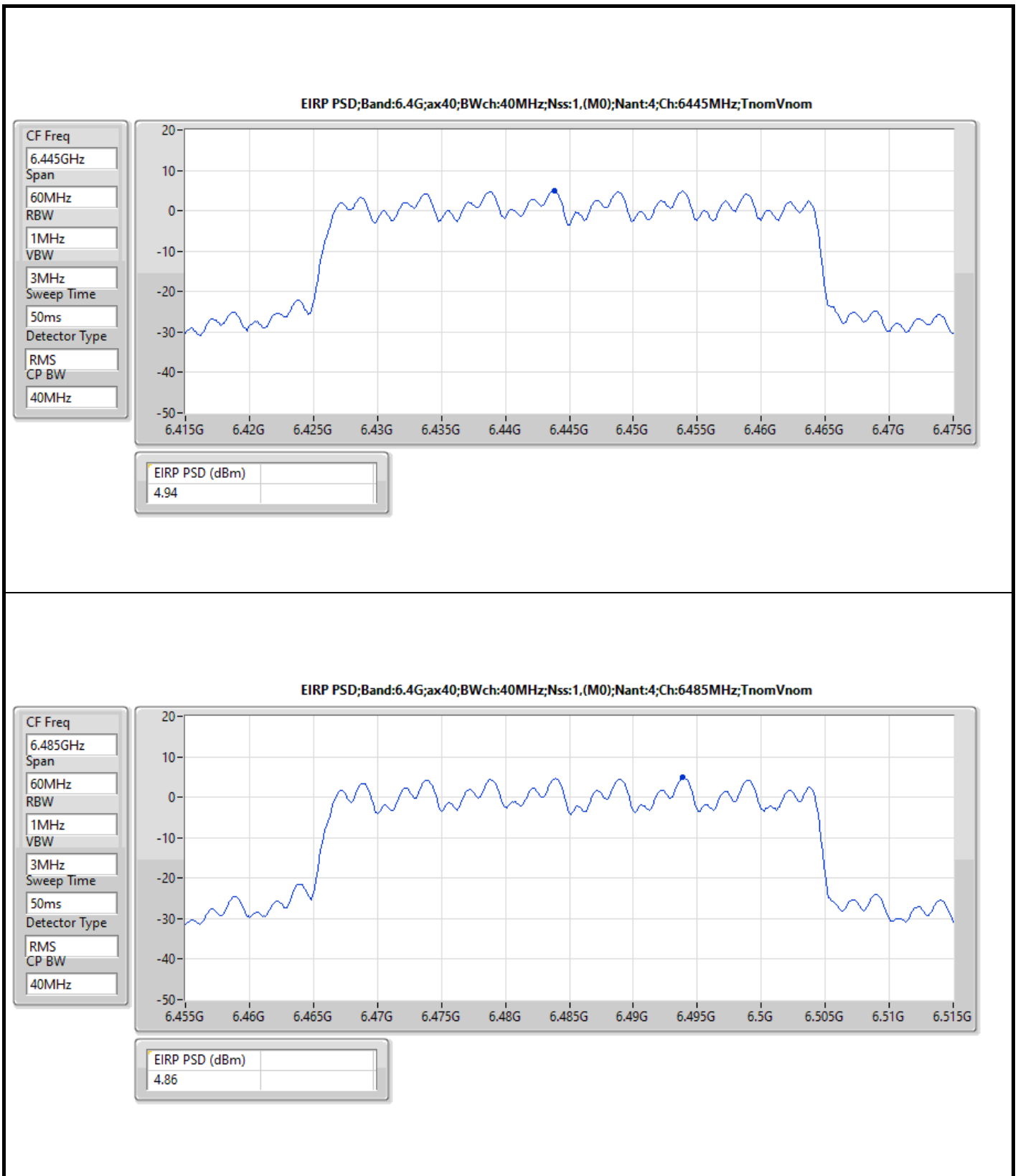
















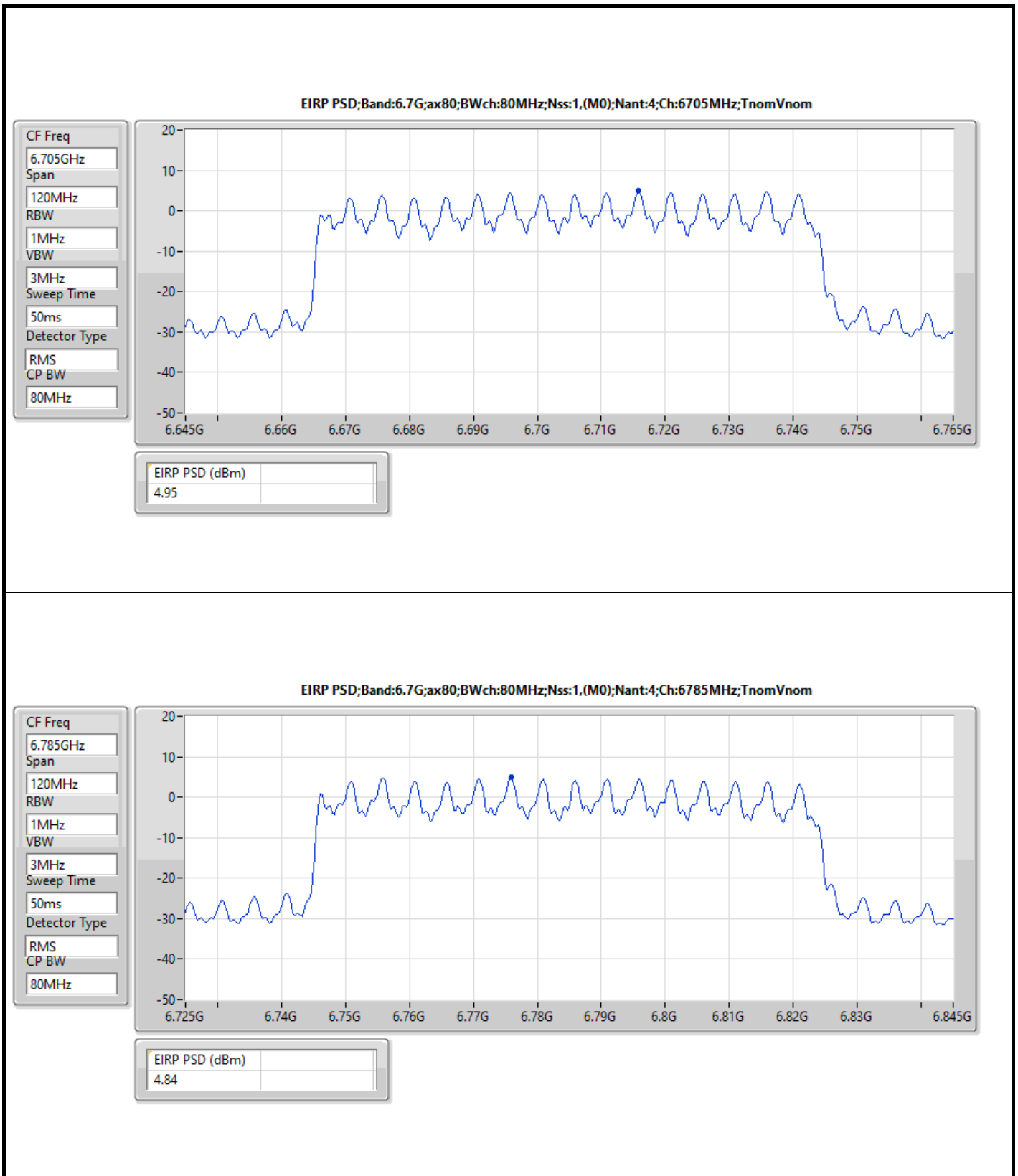




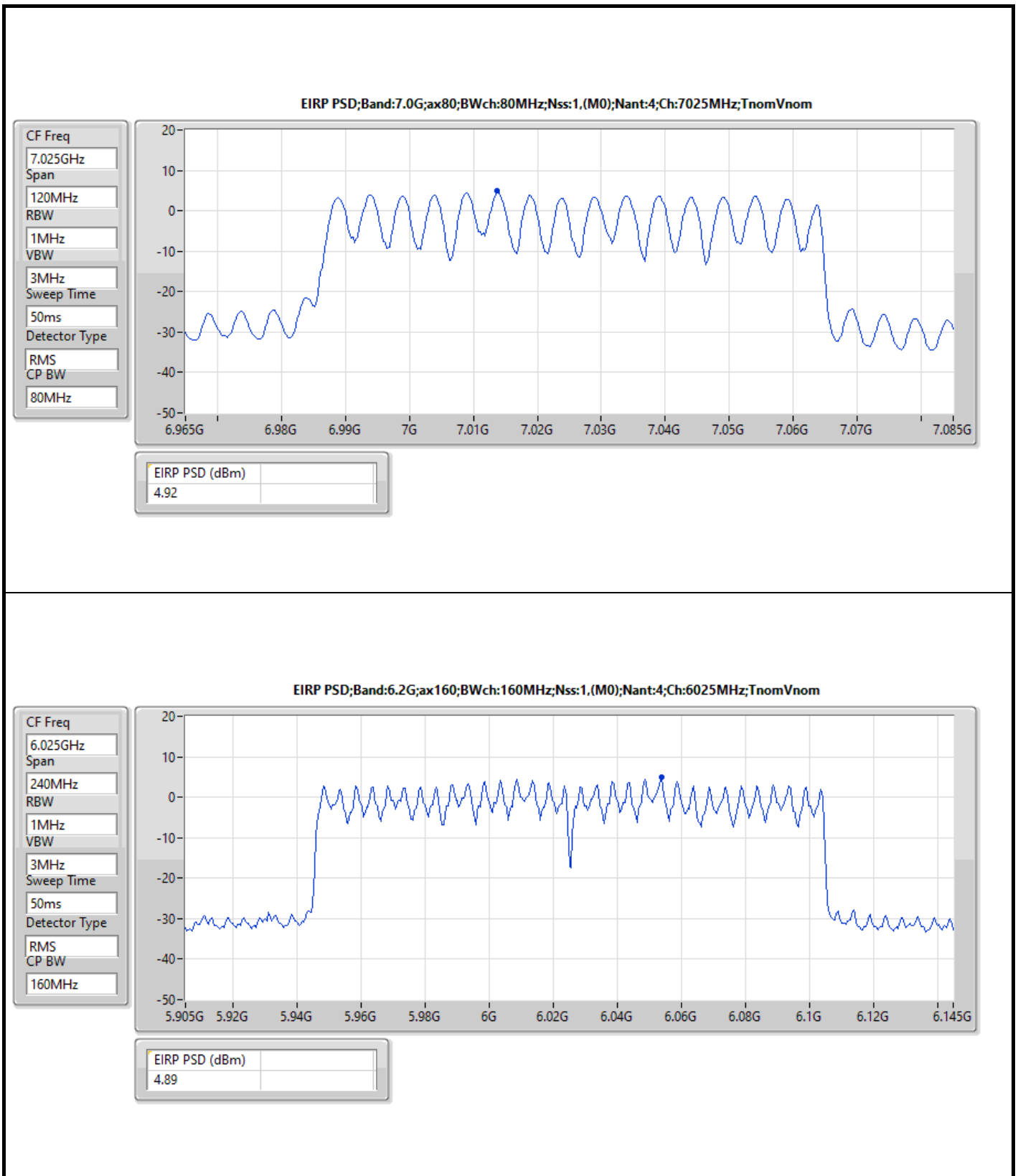






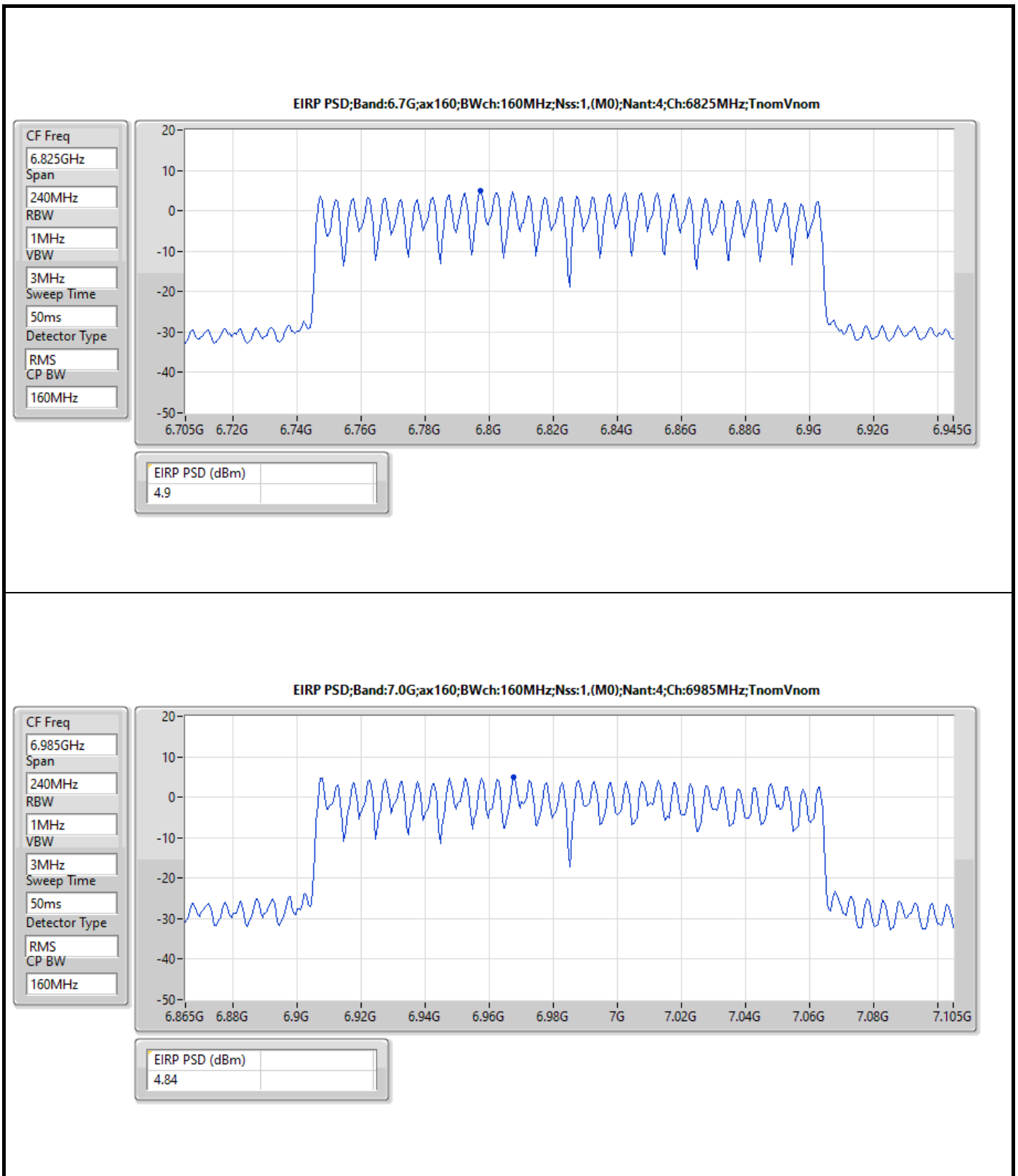












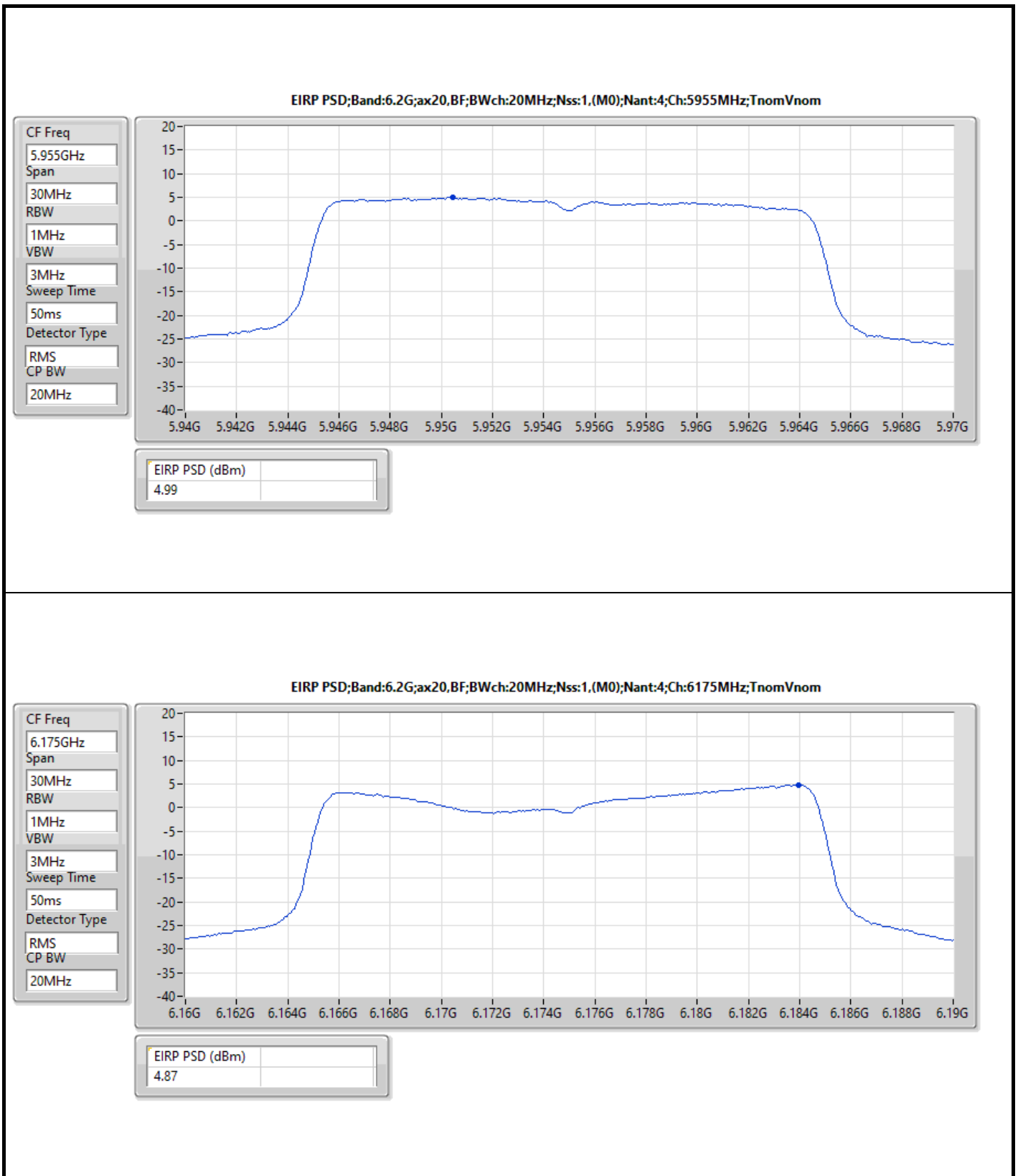
For beamforming mode
Summary

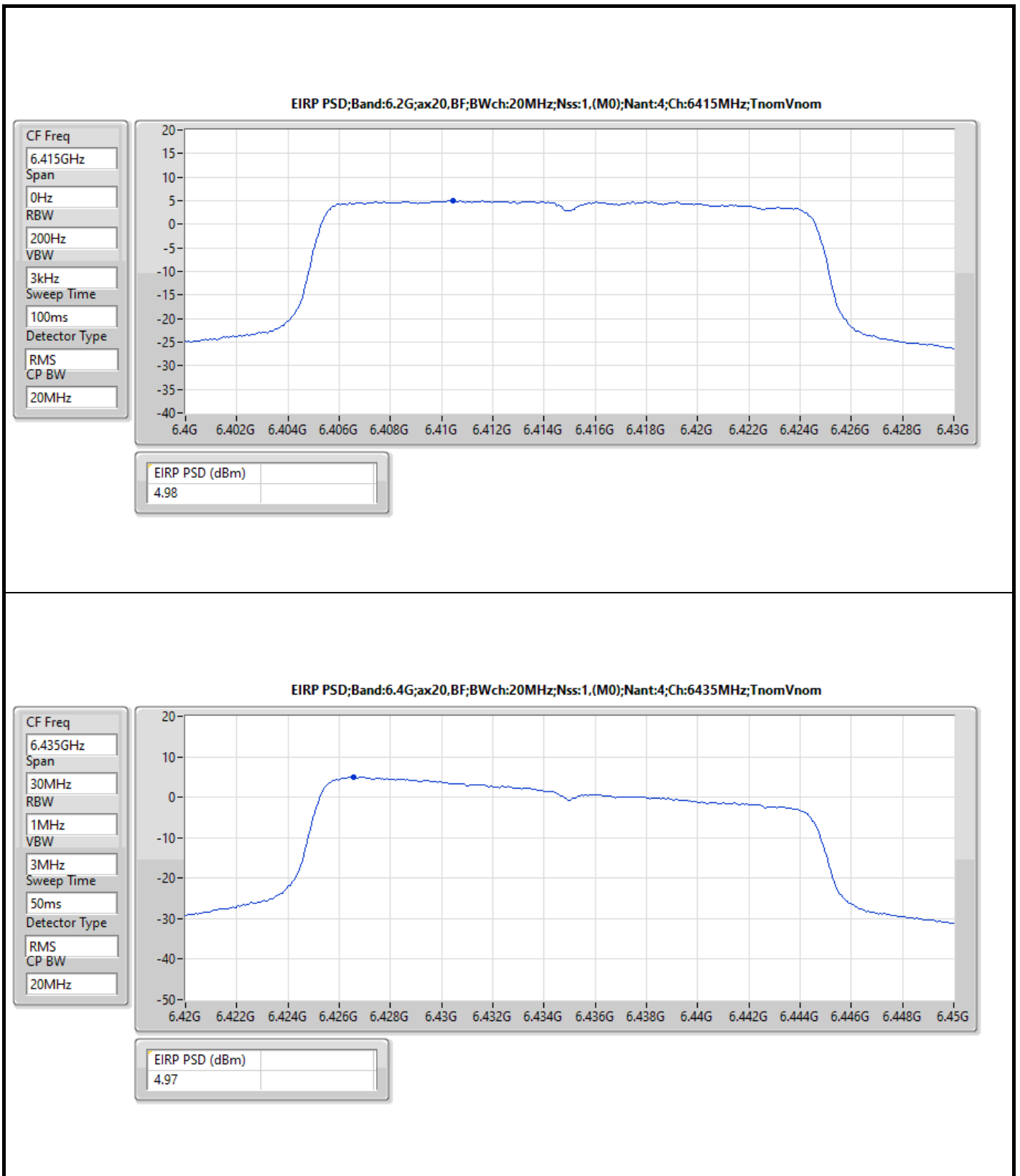
Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.99
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.91
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.96
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.98
6.425-6.525GHz	
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.97
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.97
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.97
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.86
6.525-6.875GHz	
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.99
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.97
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.94
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.95
6.875-7.125GHz	
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.92
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.96
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.93

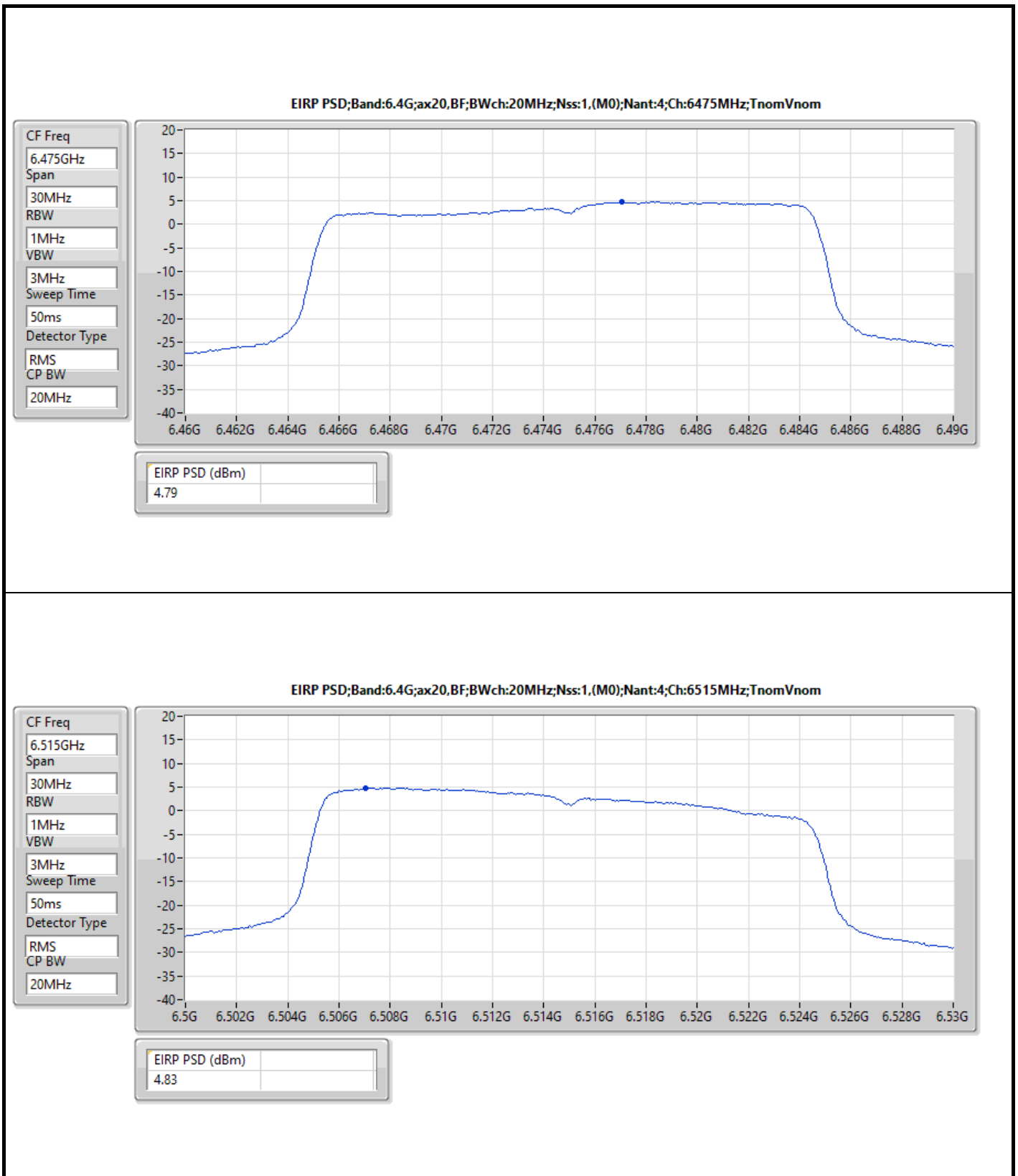
Result

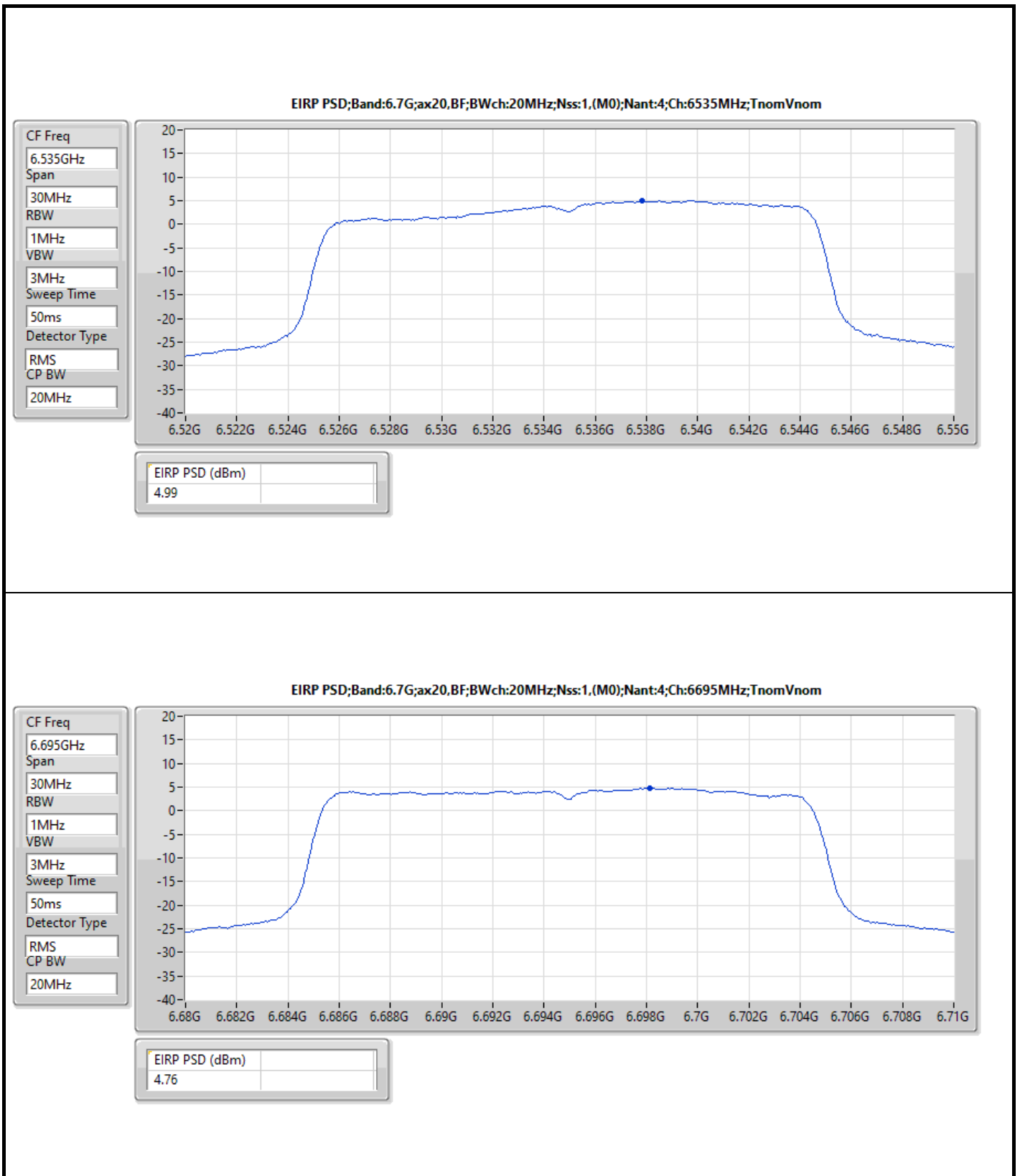
Mode	Result	EIRP PSD (dBm/RBW)	EIRP PSD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	4.99	5.00
6175MHz	Pass	4.87	5.00
6415MHz	Pass	4.98	5.00
6435MHz	Pass	4.97	5.00
6475MHz	Pass	4.79	5.00
6515MHz	Pass	4.83	5.00
6535MHz	Pass	4.99	5.00
6695MHz	Pass	4.76	5.00
6855MHz	Pass	4.97	5.00
6875MHz Straddle 6.525-6.875GHz	Pass	4.92	5.00
6895MHz	Pass	4.92	5.00
6995MHz	Pass	4.85	5.00
7095MHz	Pass	4.76	5.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	4.91	5.00
6165MHz	Pass	4.89	5.00
6405MHz	Pass	4.85	5.00
6445MHz	Pass	4.86	5.00
6485MHz	Pass	4.97	5.00
6525MHz Straddle 6.425-6.525GHz	Pass	4.96	5.00
6565MHz	Pass	4.71	5.00
6685MHz	Pass	4.88	5.00
6845MHz	Pass	4.86	5.00
6885MHz Straddle 6.525-6.875GHz	Pass	4.97	5.00
6925MHz	Pass	4.92	5.00
7005MHz	Pass	4.89	5.00
7085MHz	Pass	4.98	5.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	4.89	5.00
6145MHz	Pass	4.96	5.00
6385MHz	Pass	4.91	5.00
6465MHz	Pass	4.89	5.00
6545MHz Straddle 6.425-6.525GHz	Pass	4.97	5.00
6625MHz	Pass	4.94	5.00
6705MHz	Pass	4.90	5.00
6785MHz	Pass	4.77	5.00
6865MHz Straddle 6.525-6.875GHz	Pass	4.75	5.00
6945MHz	Pass	4.81	5.00
7025MHz	Pass	4.96	5.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	4.98	5.00
6185MHz	Pass	4.84	5.00
6345MHz	Pass	4.98	5.00
6505MHz Straddle 6.425-6.525GHz	Pass	4.86	5.00
6665MHz	Pass	4.95	5.00
6825MHz Straddle 6.525-6.875GHz	Pass	4.85	5.00
6985MHz	Pass	4.93	5.00

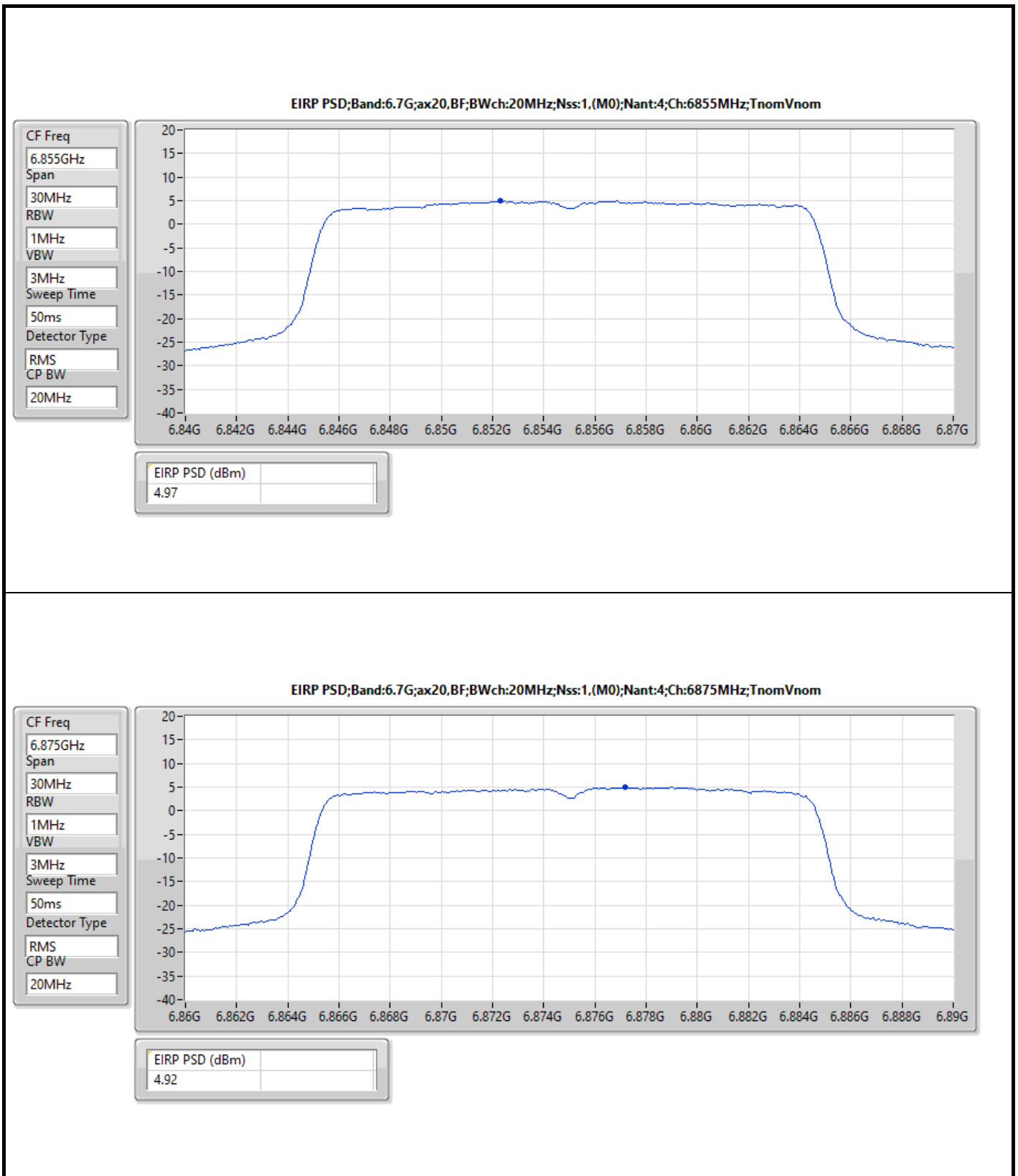
The test result used radiated measurement.

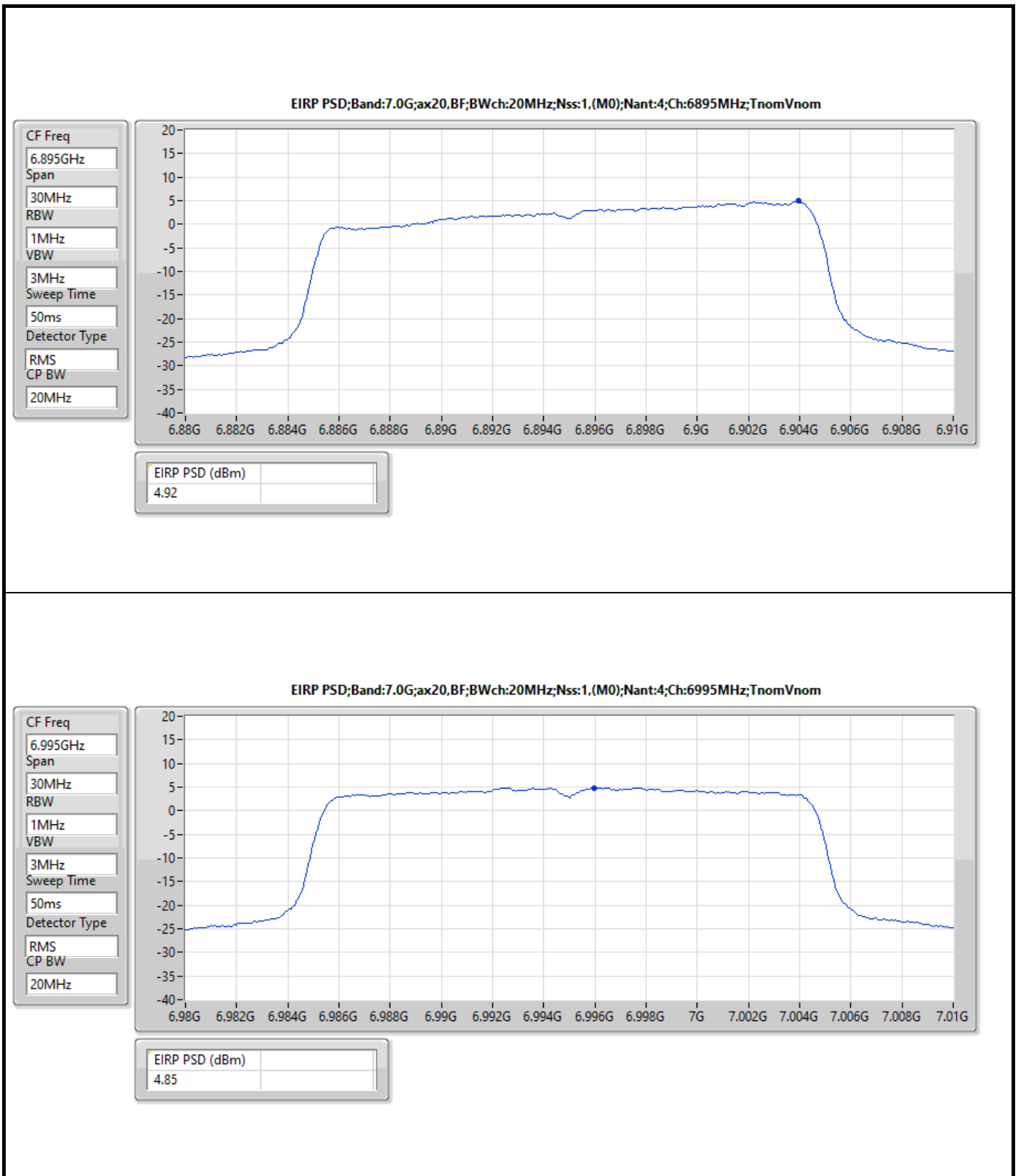


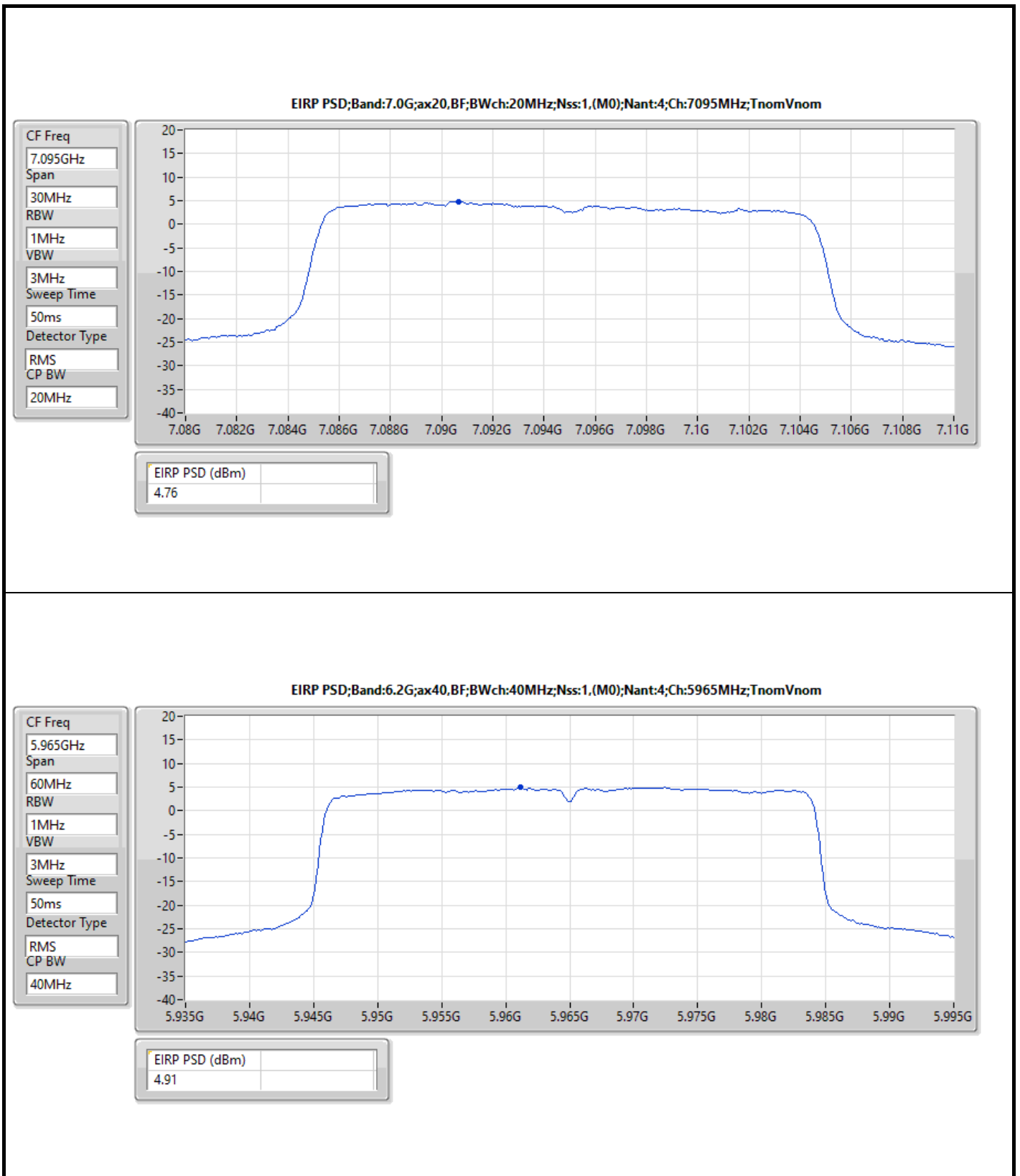


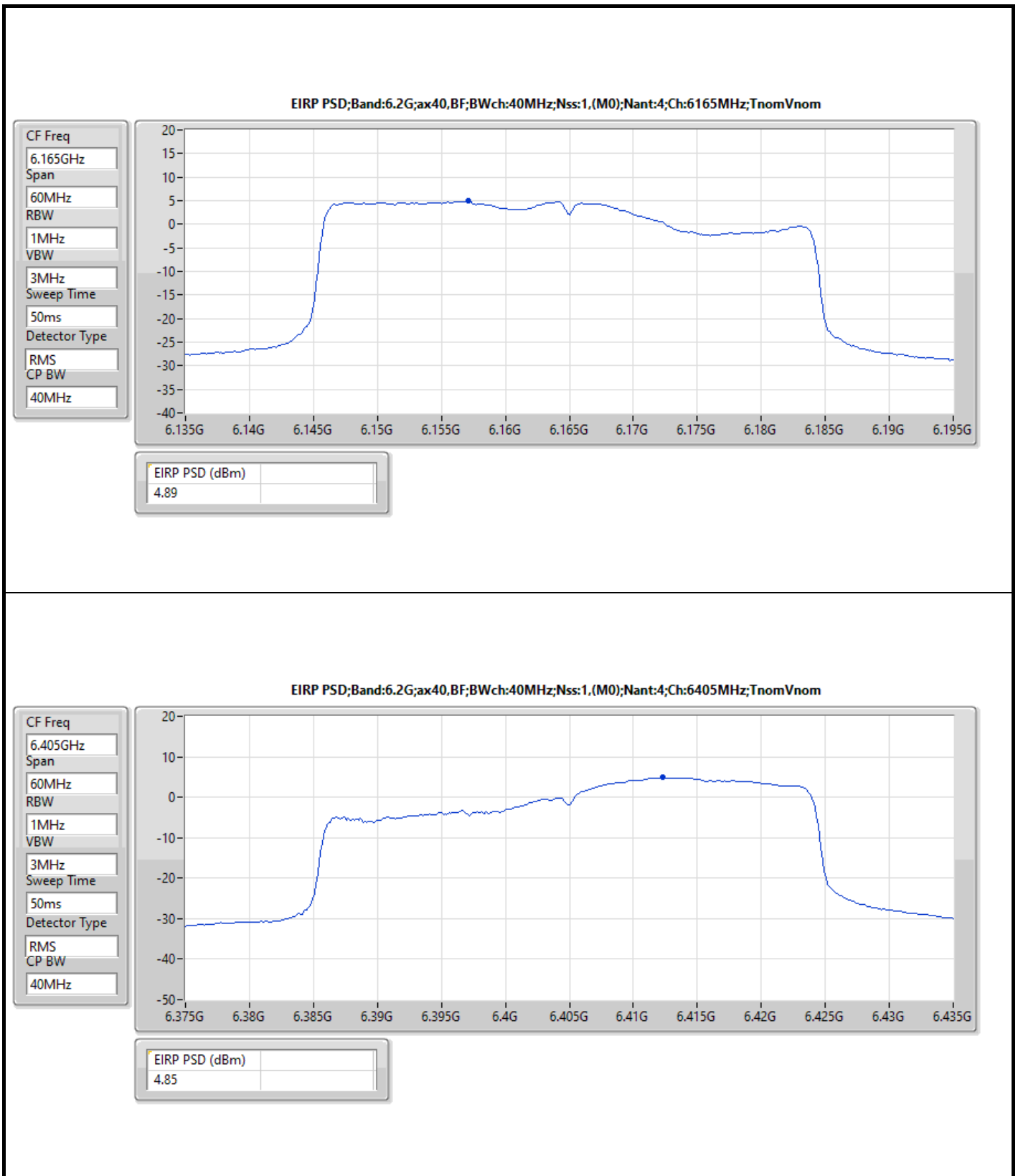


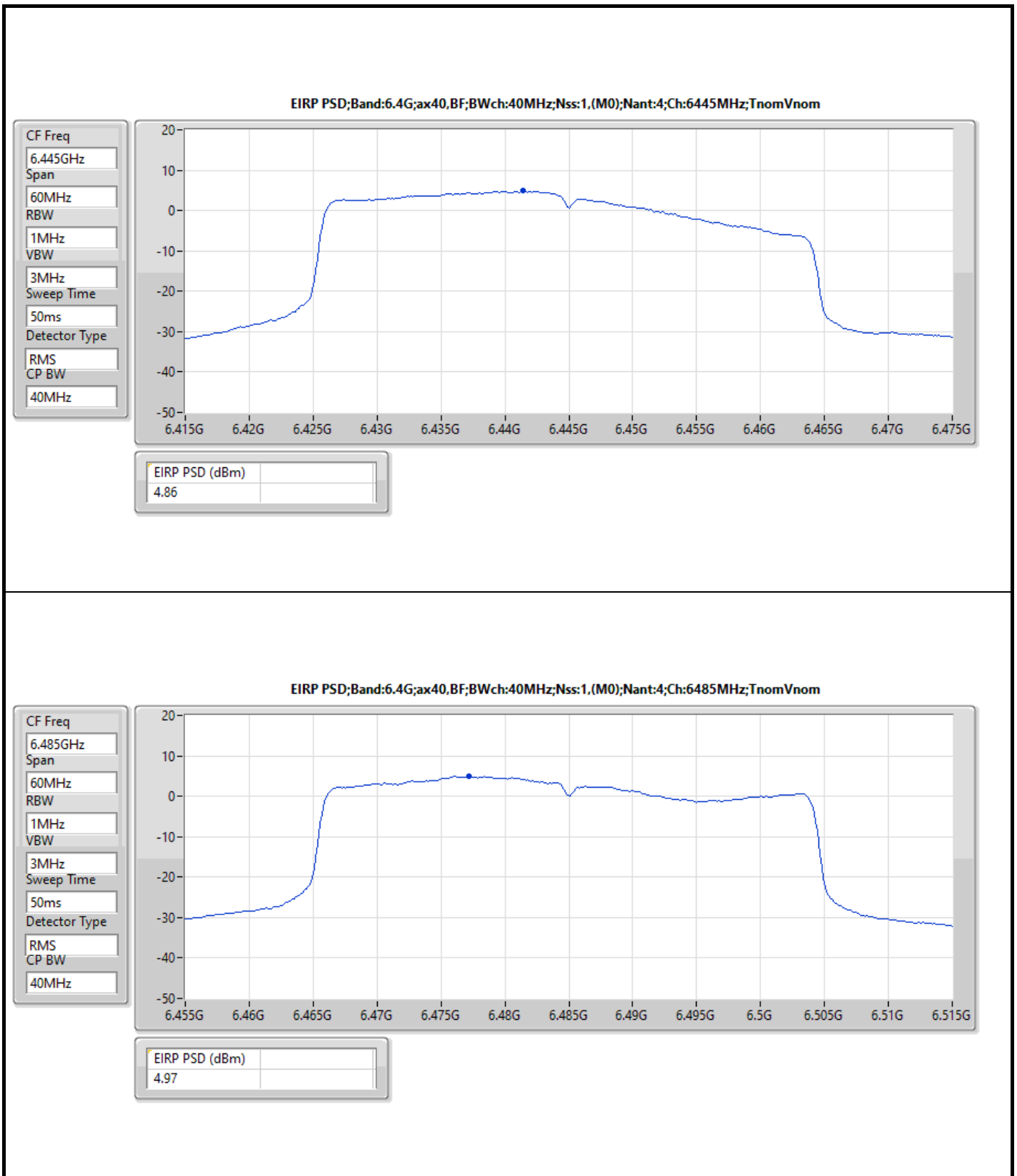


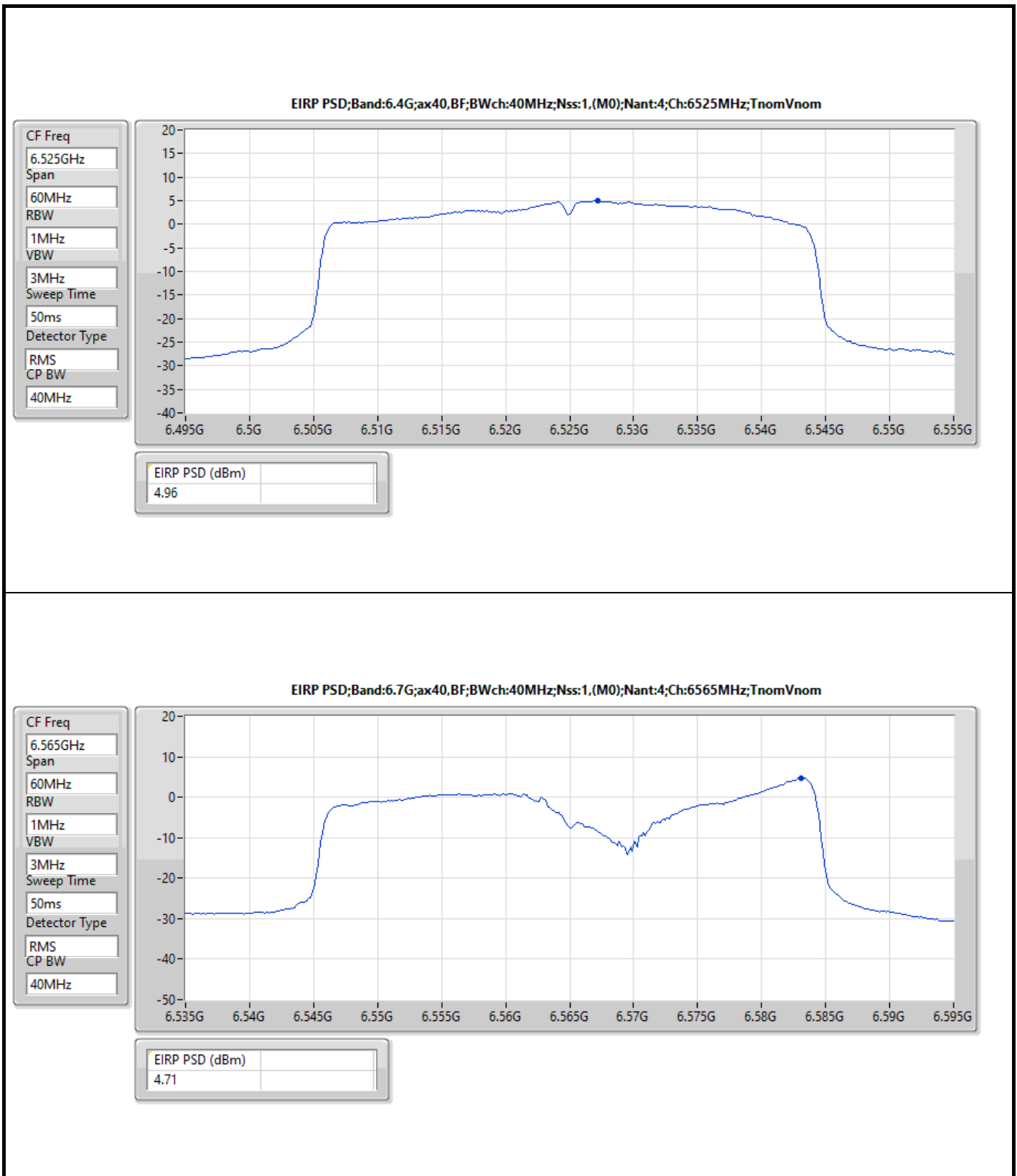


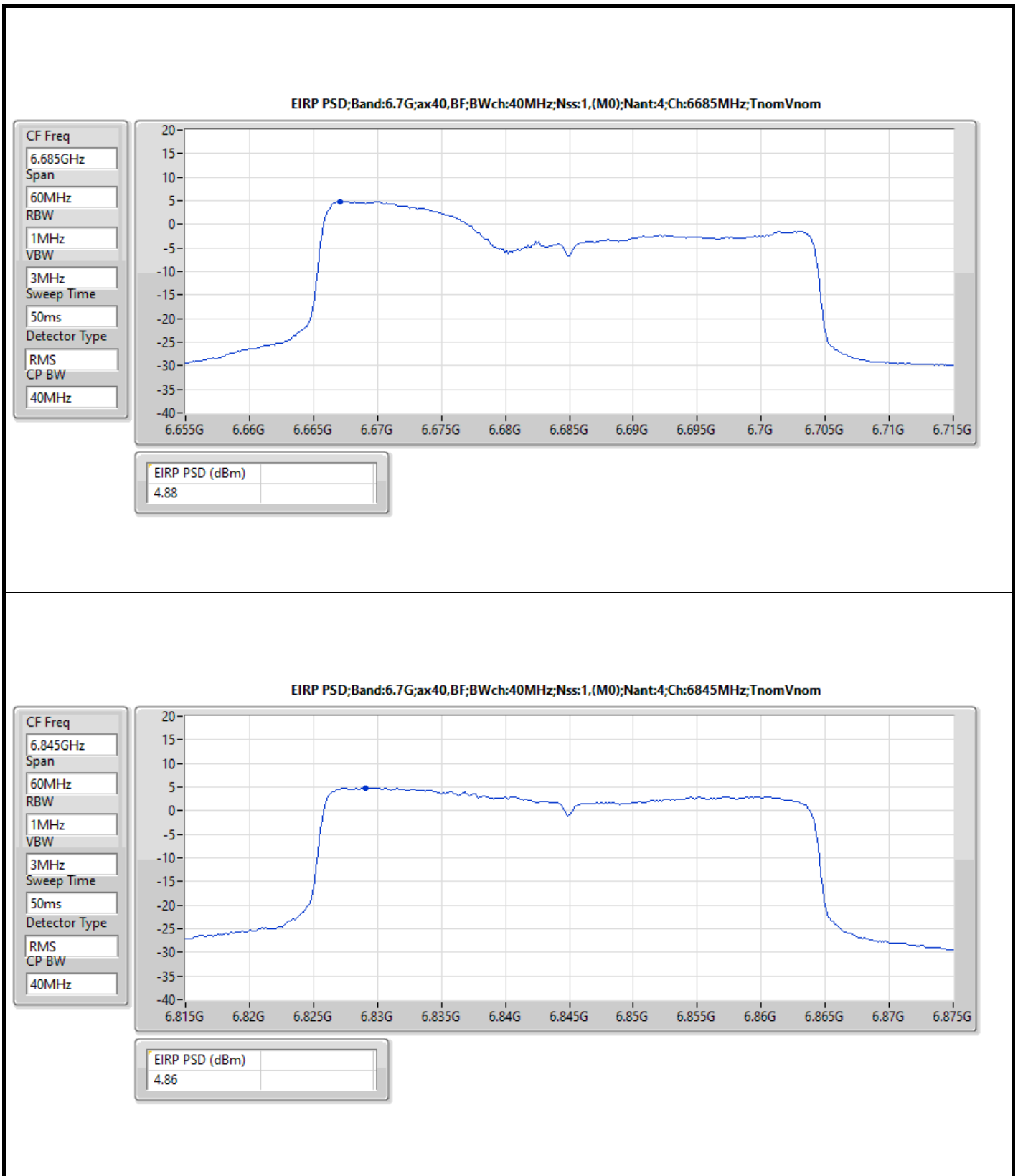


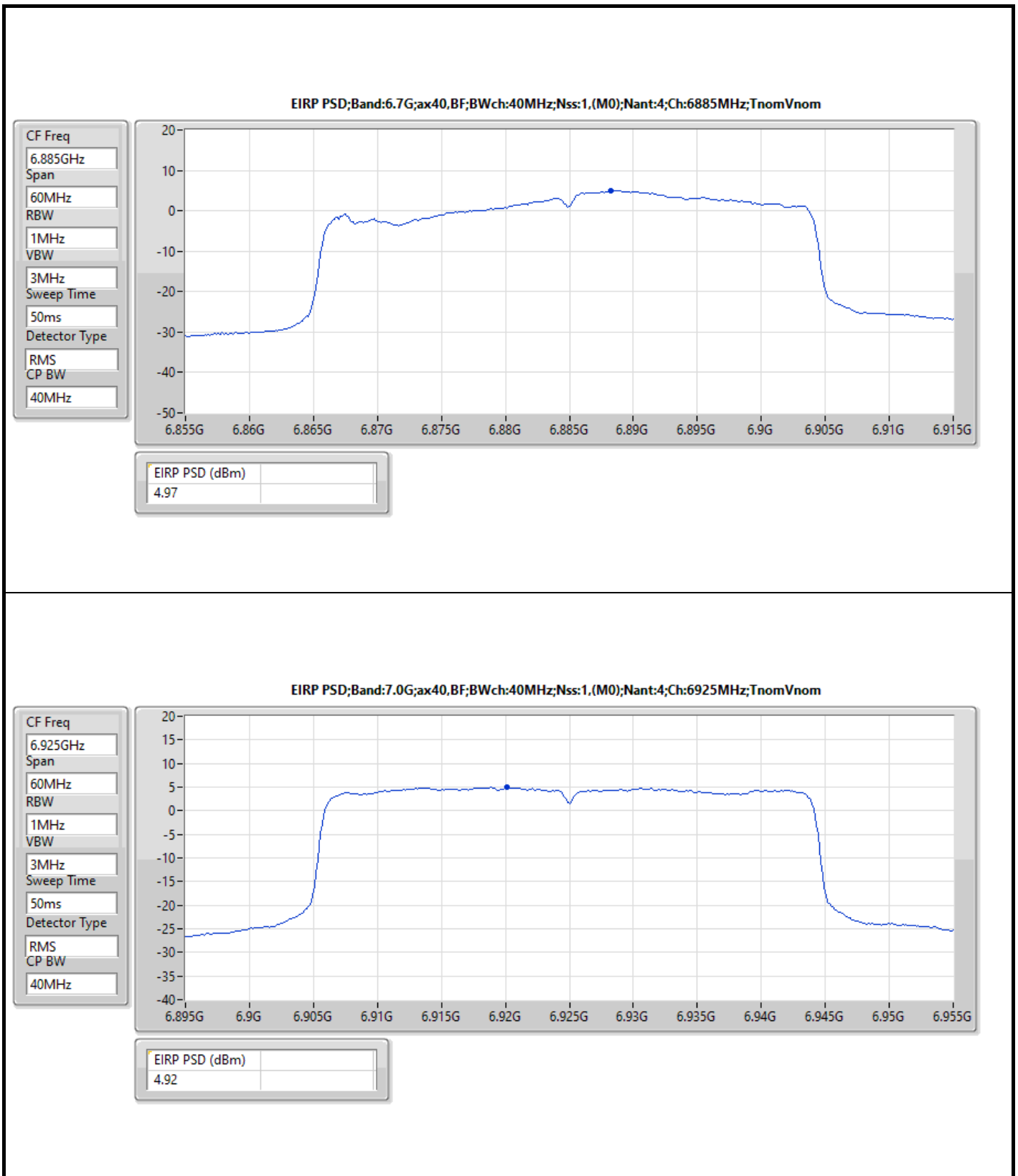




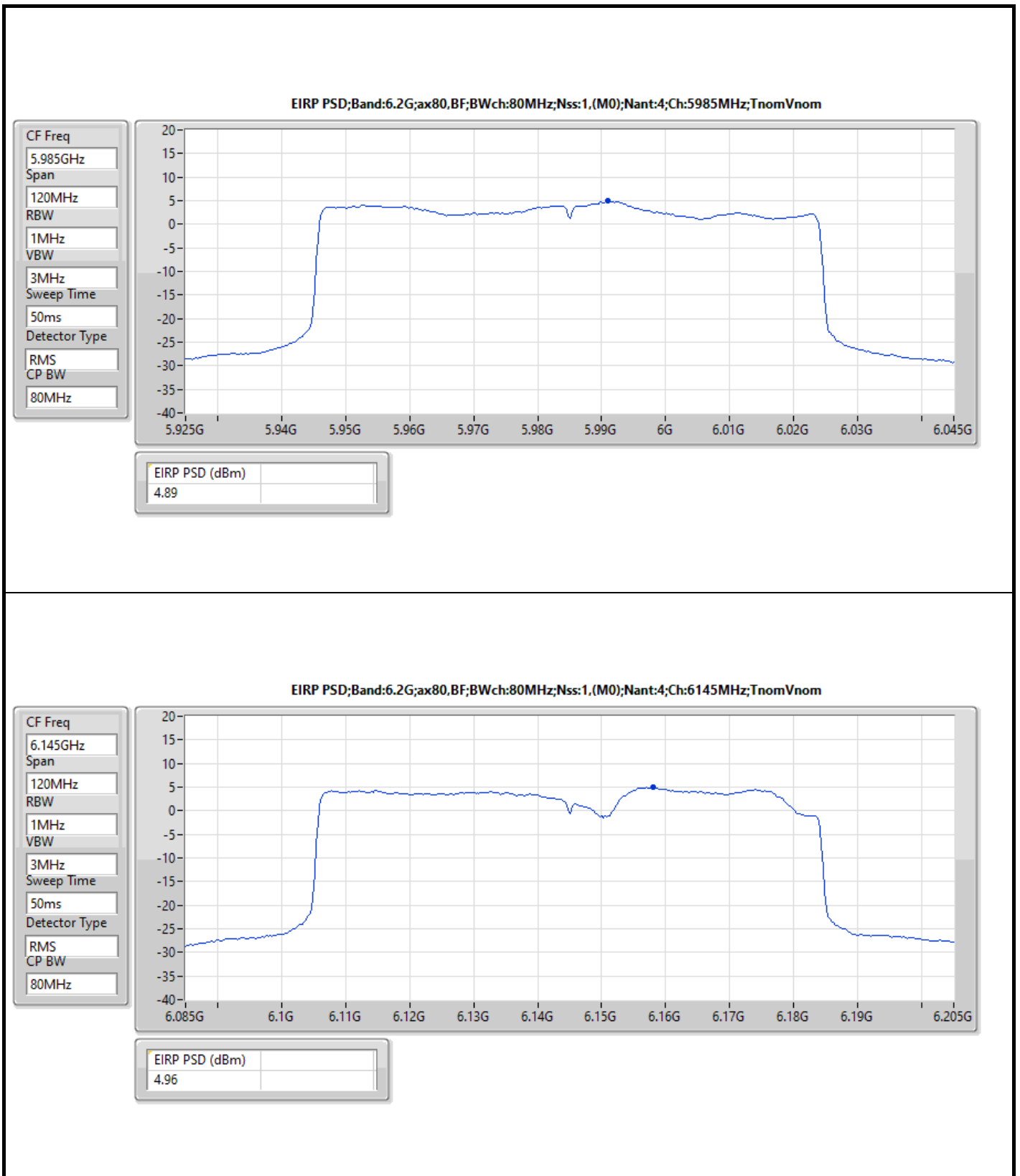


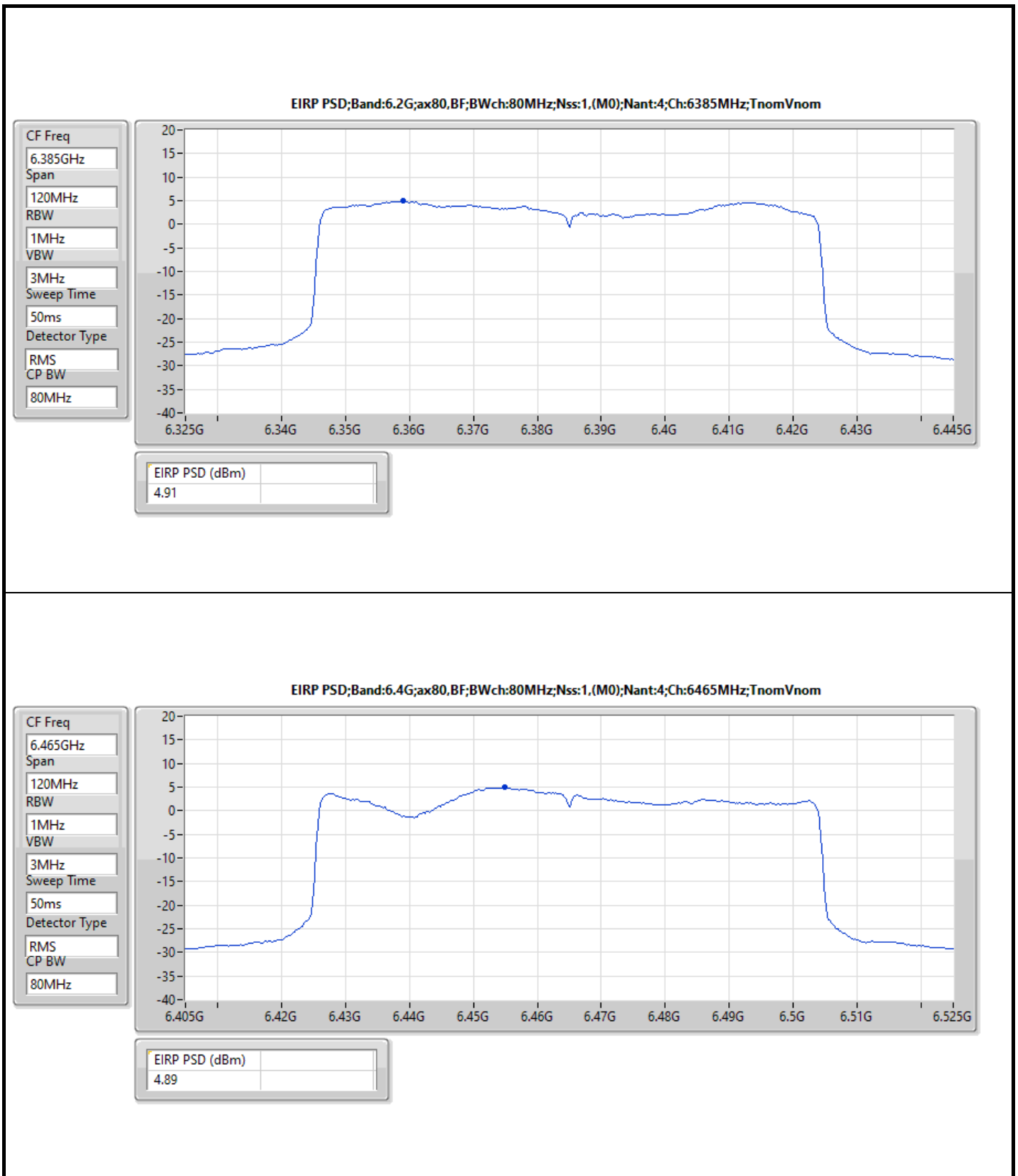


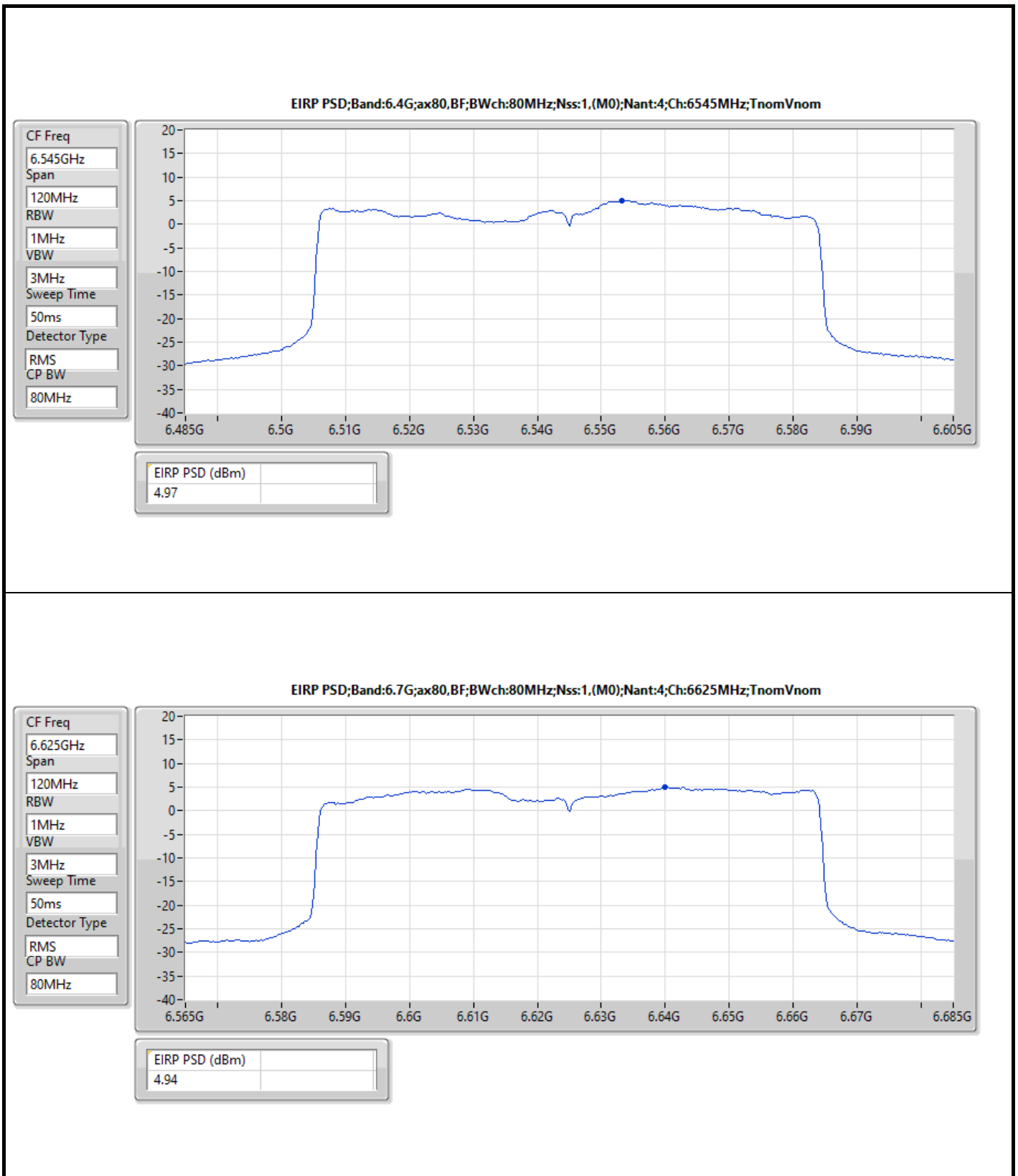


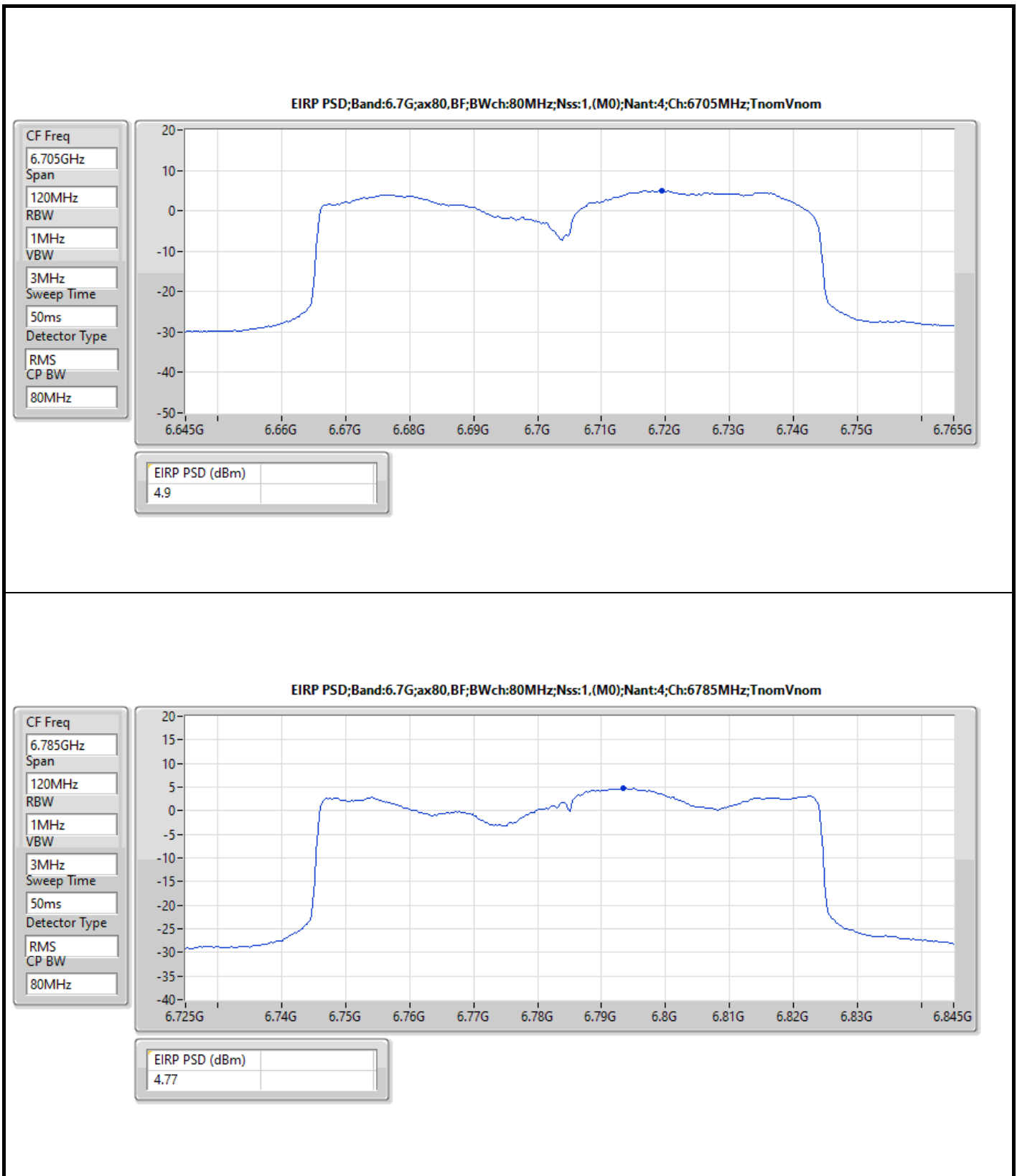


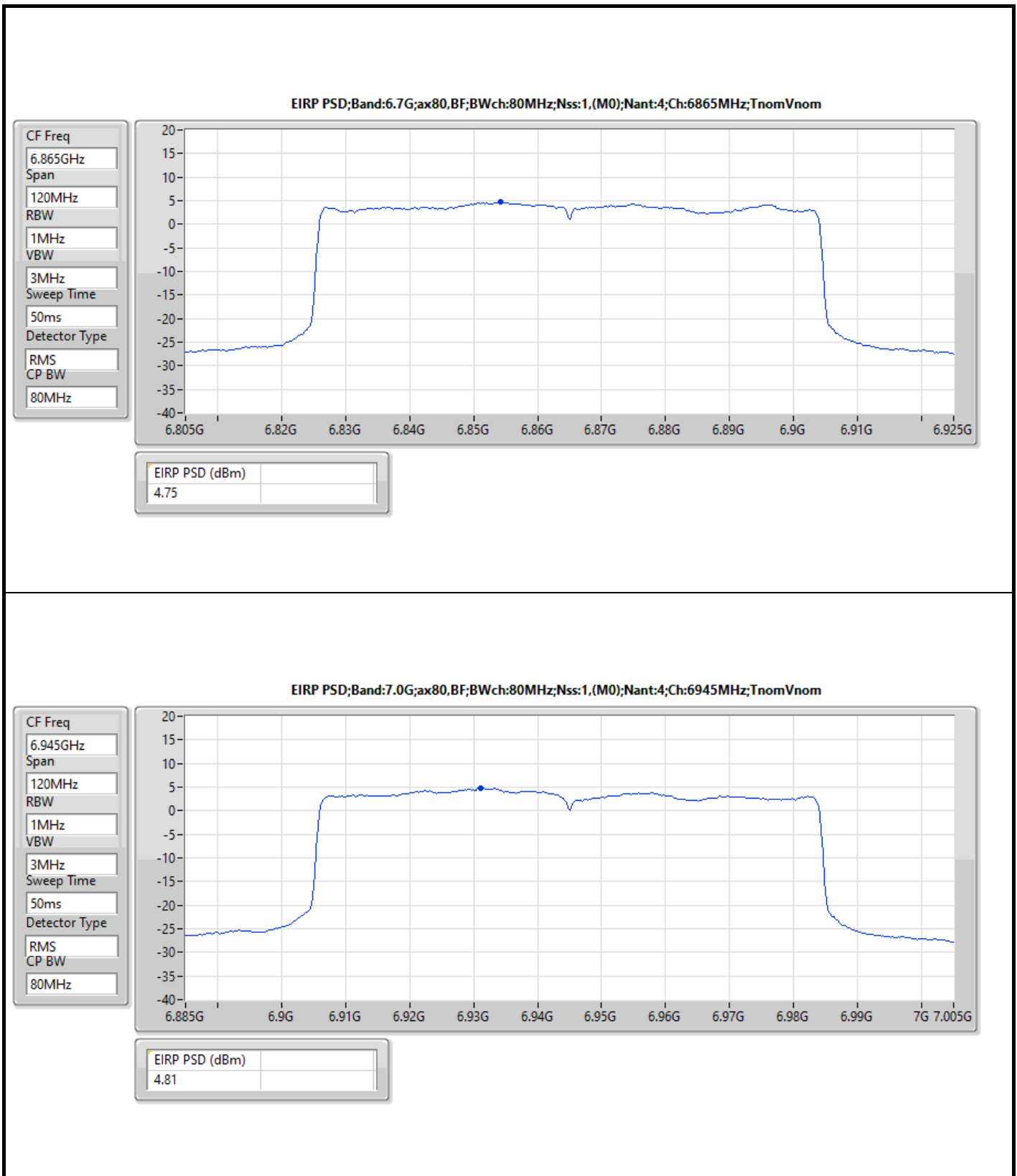


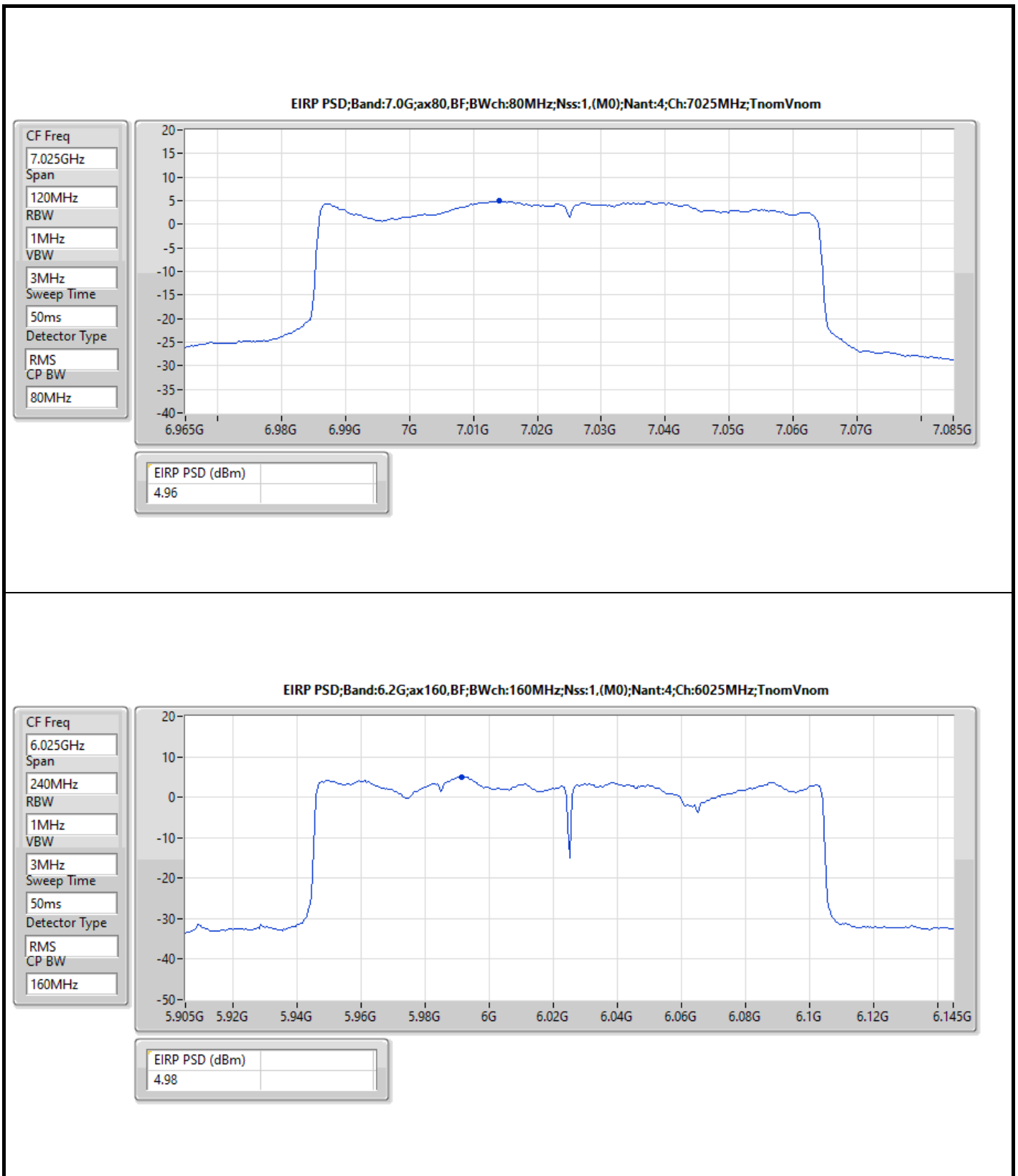




















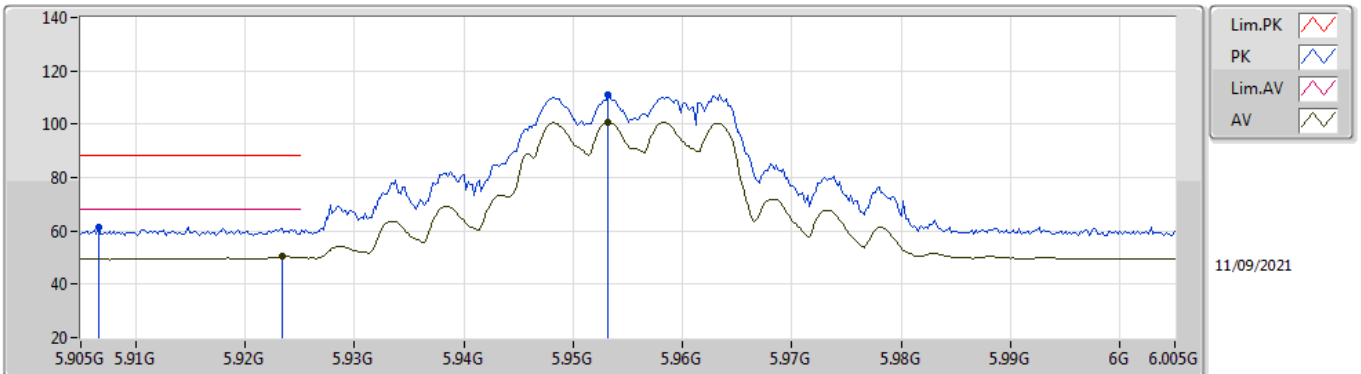
For non beamforming mode

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.925-6.425GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1.(MCS0)_4TX	Pass	RMS	5.923G	65.43	68.20	-2.77	3	Vertical	8	2.16	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5955MHz_TnomVnom

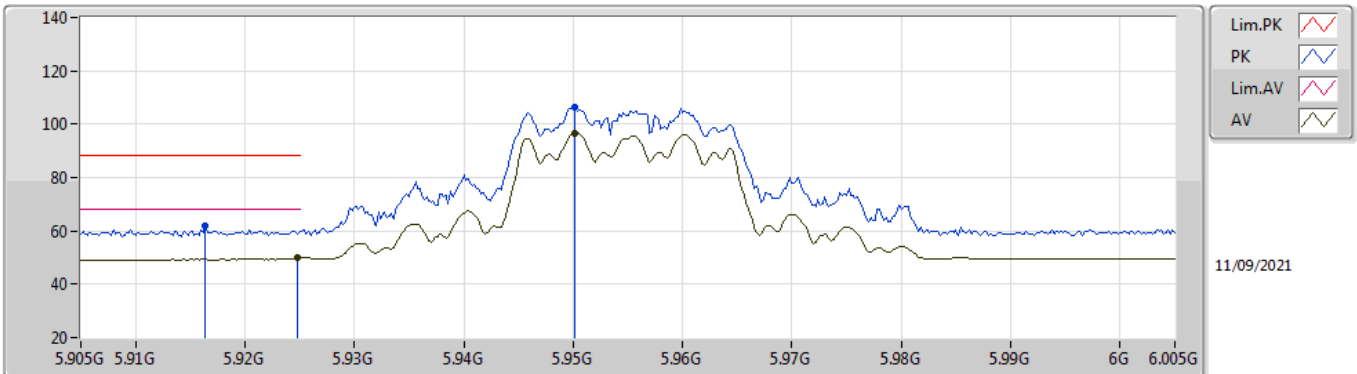


EUT Y_4TX
Setting 41
01-A-E-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.9066G	61.17	88.20	-27.03	53.78	3	Vertical	187	1.55	-	34.83	5.50	32.94	
RMS	5.9234G	50.47	68.20	-17.73	43.02	3	Vertical	187	1.55	-	34.89	5.50	32.94	
PK	5.9532G	111.19	Inf	-Inf	103.63	3	Vertical	187	1.55	-	35.01	5.50	32.95	
RMS	5.9532G	100.81	Inf	-Inf	93.25	3	Vertical	187	1.55	-	35.01	5.50	32.95	

802.11ax HEW20_Nss1,(MCS0)_4TX

5955MHz_TnomVnom

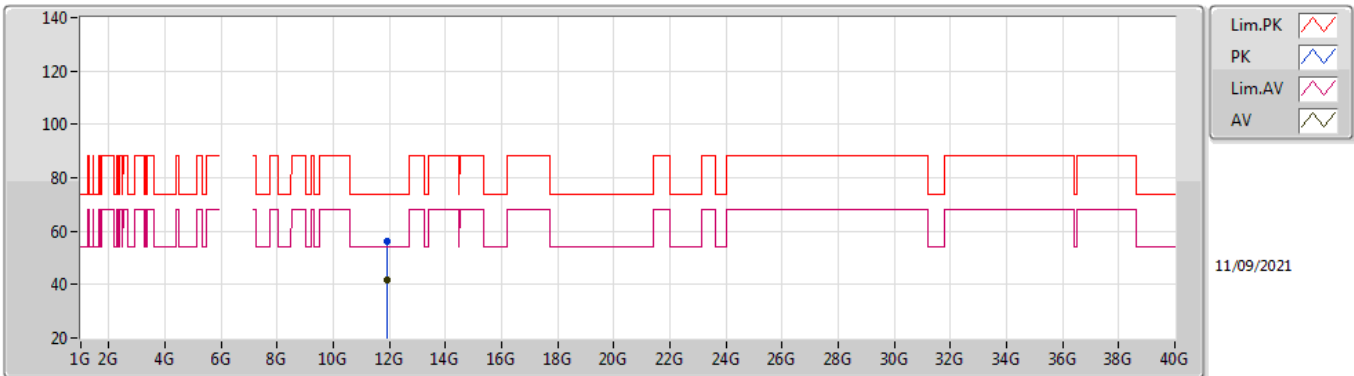


EUT Y_4TX
Setting 41
01-A-E-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.9164G	62.05	88.20	-26.15	54.62	3	Horizontal	298	2.76	-	34.87	5.50	32.94	
RMS	5.9248G	49.78	68.20	-18.42	42.32	3	Horizontal	298	2.76	-	34.90	5.50	32.94	
PK	5.9502G	106.20	Inf	-Inf	98.65	3	Horizontal	298	2.76	-	35.00	5.50	32.95	
RMS	5.9502G	96.66	Inf	-Inf	89.11	3	Horizontal	298	2.76	-	35.00	5.50	32.95	

802.11ax HEW20_Nss1,(MCS0)_4TX

5955MHz_TnomVnom

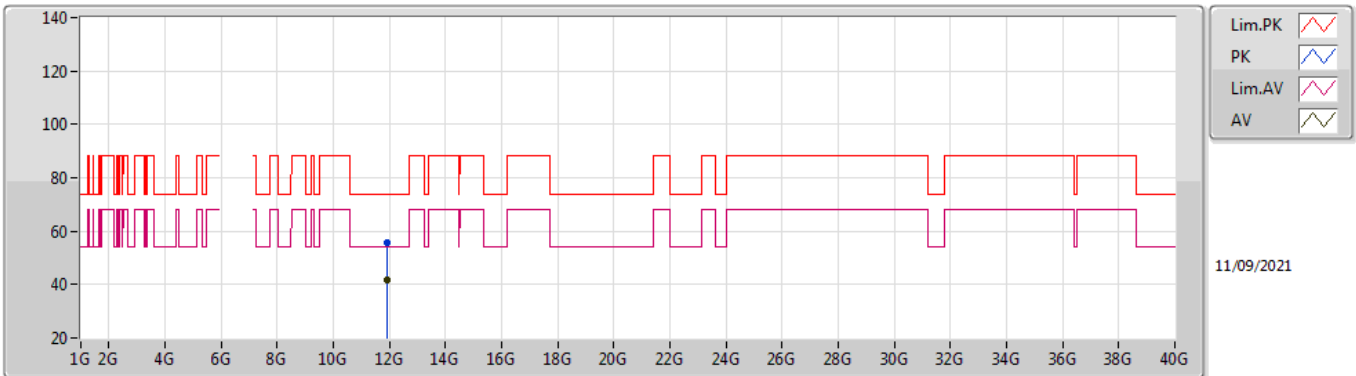


EUT Y_4TX
Setting 41
01-A-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	11.91122G	56.31	74.00	-17.69	42.72	3	Vertical	139	1.17	-	38.49	7.97	32.87	
AV	11.90522G	41.71	54.00	-12.29	28.12	3	Vertical	139	1.17	-	38.49	7.97	32.87	

802.11ax HEW20_Nss1,(MCS0)_4TX

5955MHz_TnomVnom

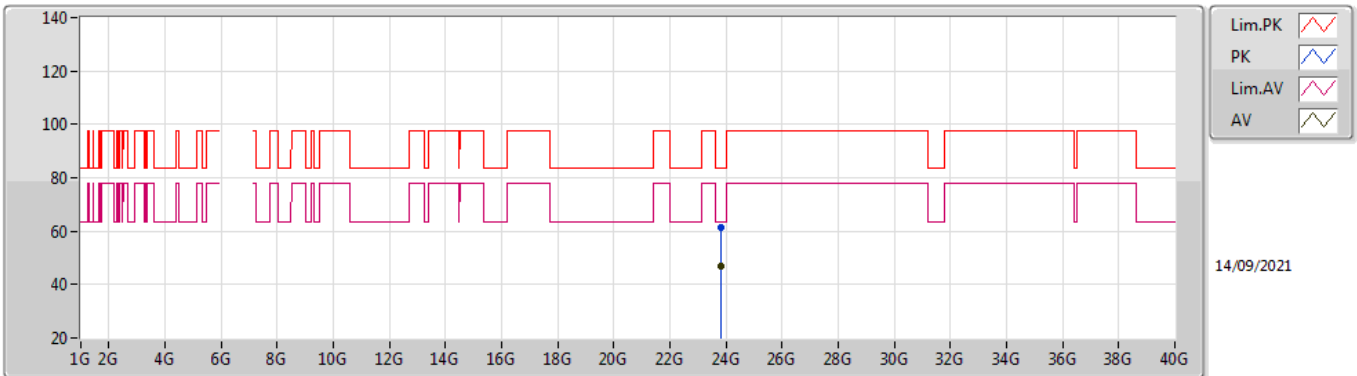


EUT Y_4TX
Setting 41
01-A-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	11.90672G	55.86	74.00	-18.14	42.27	3	Horizontal	234	2.81	-	38.49	7.97	32.87	
AV	11.905G	41.58	54.00	-12.42	27.99	3	Horizontal	234	2.81	-	38.49	7.97	32.87	

802.11ax HEW20_Nss1,(MCS0)_4TX

5955MHz_TnomVnom

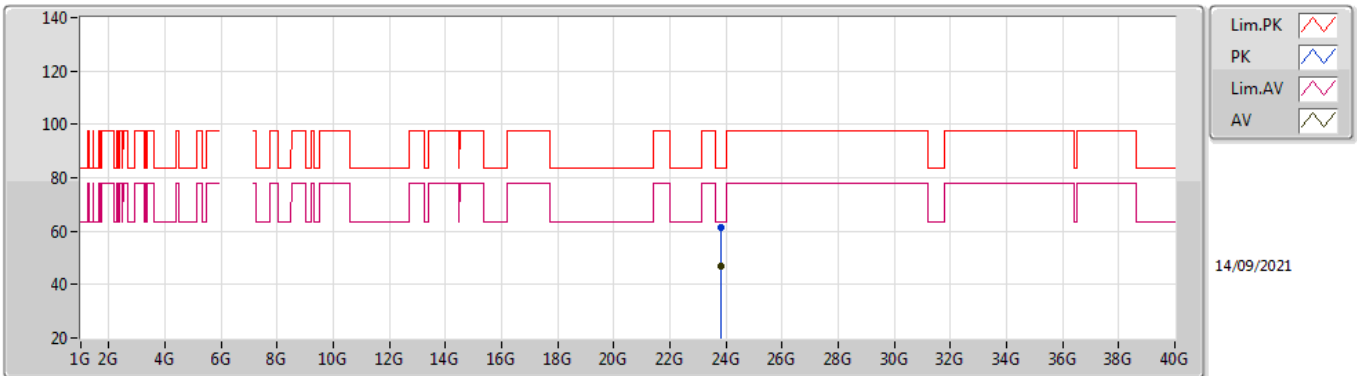


EUT Y_4TX
Setting 41
01-A-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	23.8326G	61.29	83.54	-22.25	54.40	1	Vertical	333	1.50	-	38.87	16.42	48.40
AV	23.80596G	46.73	63.54	-16.81	39.85	1	Vertical	333	1.20	-	38.88	16.40	48.40

802.11ax HEW20_Nss1,(MCS0)_4TX

5955MHz_TnomVnom

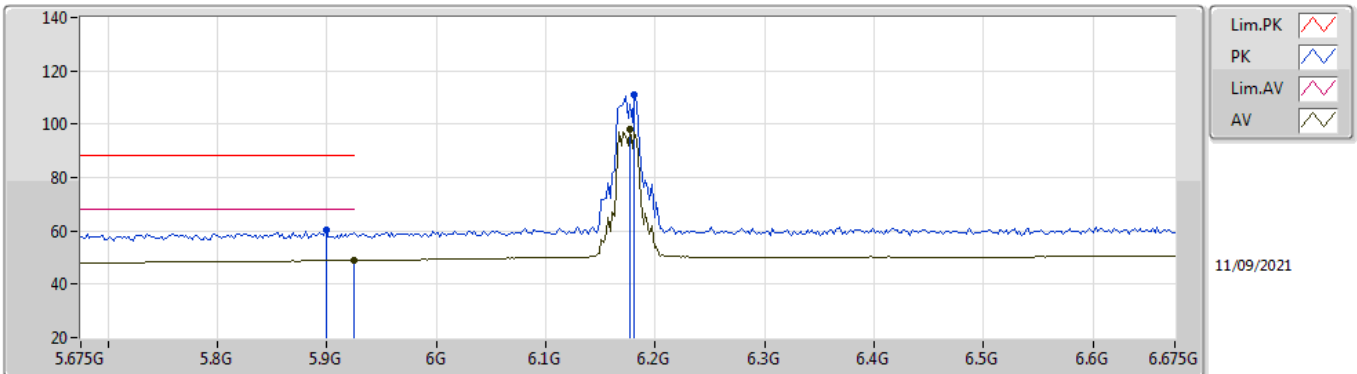


EUT Y_4TX
Setting 41
01-A-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	23.8113G	61.29	83.54	-22.25	54.40	1	Horizontal	204	1.68	-	38.88	16.41	48.40
AV	23.8176G	46.76	63.54	-16.78	39.88	1	Horizontal	204	1.68	-	38.87	16.41	48.40

802.11ax HEW20_Nss1,(MCS0)_4TX

6175MHz_TnomVnom

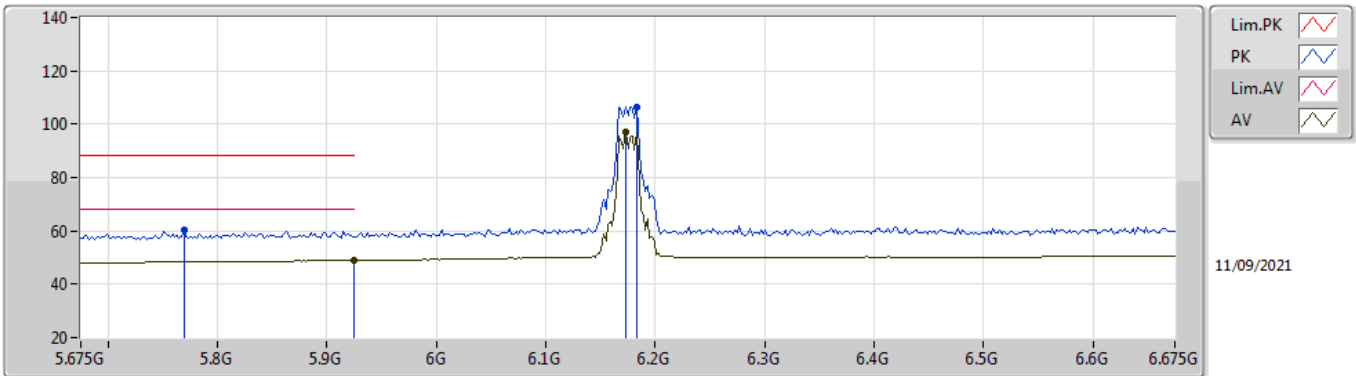


EUT Y_4TX
Setting 40
01-A-E-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.899G	60.50	88.20	-27.70	53.15	3	Vertical	52	1.80	-	34.79	5.50	32.94	
RMS	5.925G	49.10	68.20	-19.10	41.64	3	Vertical	52	1.80	-	34.90	5.50	32.94	
PK	6.181G	111.07	Inf	-Inf	102.90	3	Vertical	52	1.80	-	35.26	5.86	32.95	
RMS	6.177G	98.05	Inf	-Inf	89.90	3	Vertical	52	1.80	-	35.25	5.85	32.95	

802.11ax HEW20_Nss1,(MCS0)_4TX

6175MHz_TnomVnom

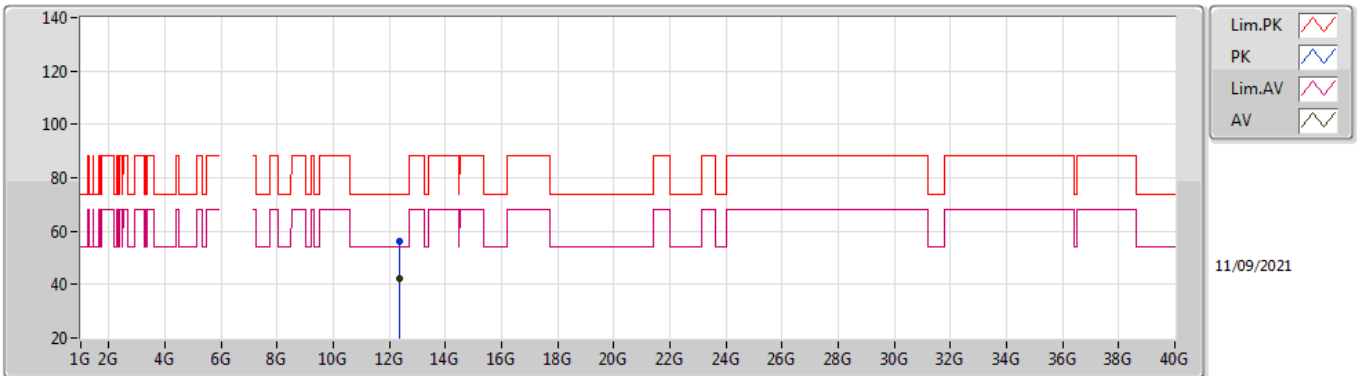


EUT Y_4TX
Setting 40
01-A-E-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.769G	60.27	88.20	-27.93	53.54	3	Horizontal	218	2.85	-	34.18	5.48	32.93	
RMS	5.925G	49.07	68.20	-19.13	41.61	3	Horizontal	218	2.85	-	34.90	5.50	32.94	
PK	6.183G	106.42	Inf	-Inf	98.23	3	Horizontal	218	2.85	-	35.27	5.87	32.95	
RMS	6.173G	97.01	Inf	-Inf	88.86	3	Horizontal	218	2.85	-	35.25	5.85	32.95	

802.11ax HEW20_Nss1,(MCS0)_4TX

6175MHz_TnomVnom

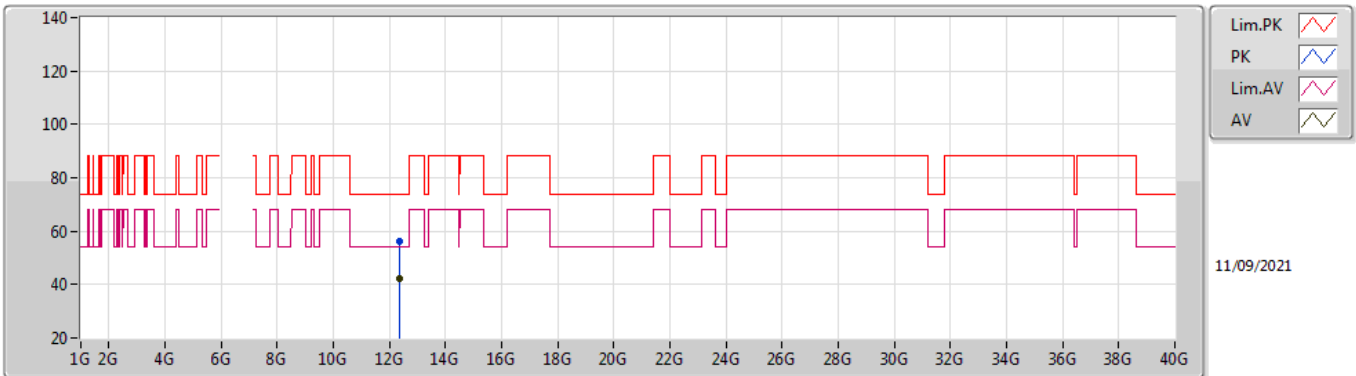


EUT Y_4TX
Setting 40
01-A-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	12.3493G	56.35	74.00	-17.65	42.19	3	Vertical	9	1.16	-	38.45	8.16	32.45
AV	12.34632G	42.26	54.00	-11.74	28.10	3	Vertical	9	1.16	-	38.45	8.16	32.45

802.11ax HEW20_Nss1,(MCS0)_4TX

6175MHz_TnomVnom

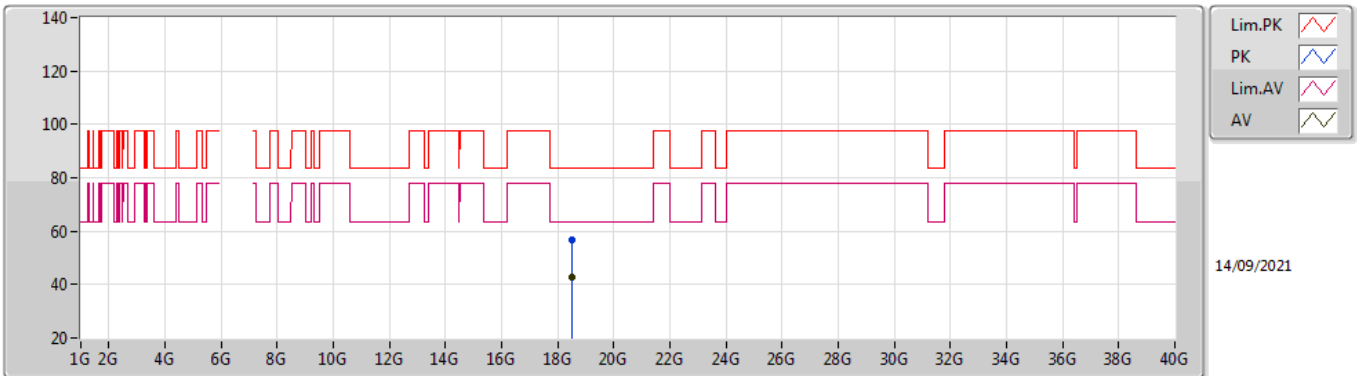


EUT Y_4TX
Setting 40
01-A-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	12.35478G	56.21	74.00	-17.79	42.04	3	Horizontal	12	1.46	-	38.45	8.16	32.44	
AV	12.345G	42.25	54.00	-11.75	28.09	3	Horizontal	12	1.46	-	38.45	8.16	32.45	

802.11ax HEW20_Nss1,(MCS0)_4TX

6175MHz_TnomVnom

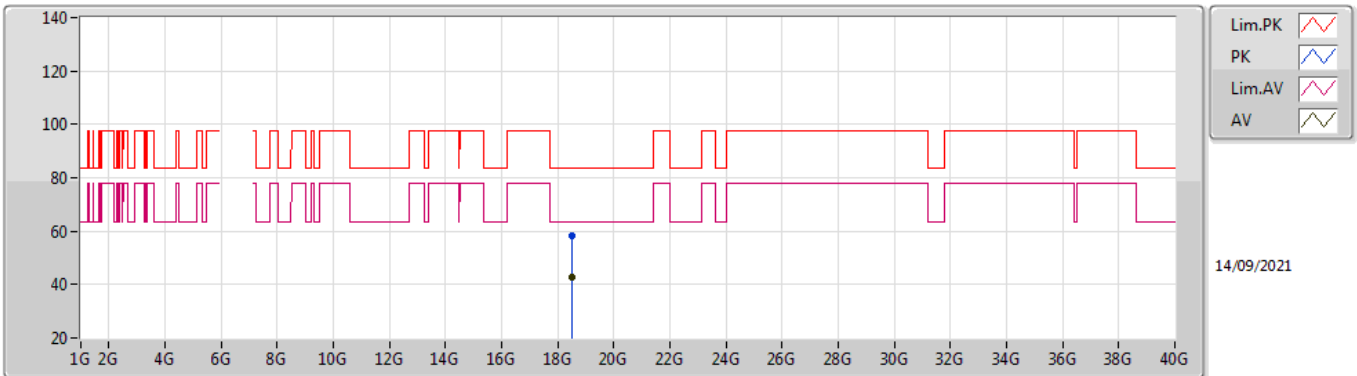


EUT Y_4TX
Setting 40
01-A-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	18.52667G	56.89	83.54	-26.65	55.24	1	Vertical	22	1.50	-	37.79	13.93	50.07
AV	18.52462G	42.89	63.54	-20.65	41.25	1	Vertical	22	1.50	-	37.79	13.93	50.08

802.11ax HEW20_Nss1,(MCS0)_4TX

6175MHz_TnomVnom

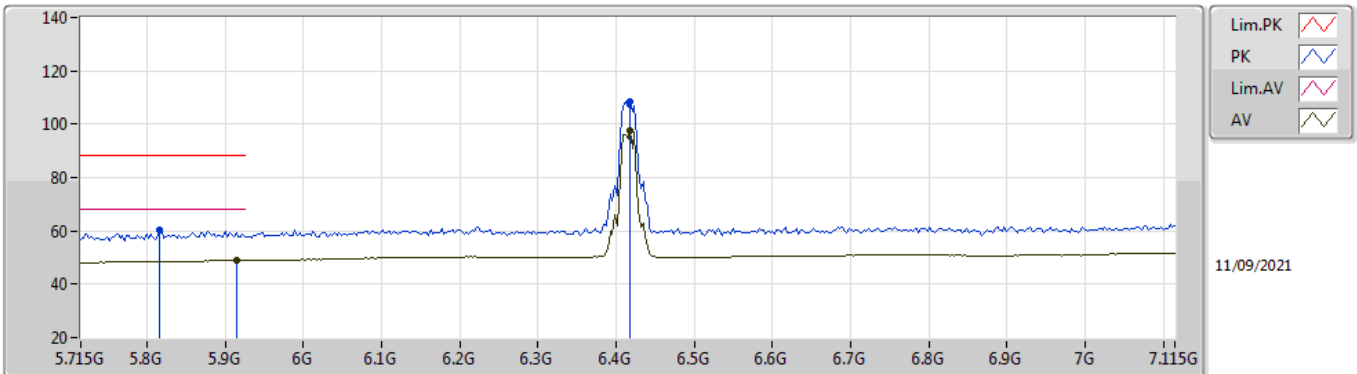


EUT Y_4TX
Setting 40
01-A-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	18.52388G	58.10	83.54	-25.44	56.46	1	Horizontal	53	1.66	-	37.79	13.93	50.08	
AV	18.52509G	42.90	63.54	-20.64	41.25	1	Horizontal	53	1.66	-	37.79	13.93	50.07	

802.11ax HEW20_Nss1,(MCS0)_4TX

6415MHz_TnomVnom

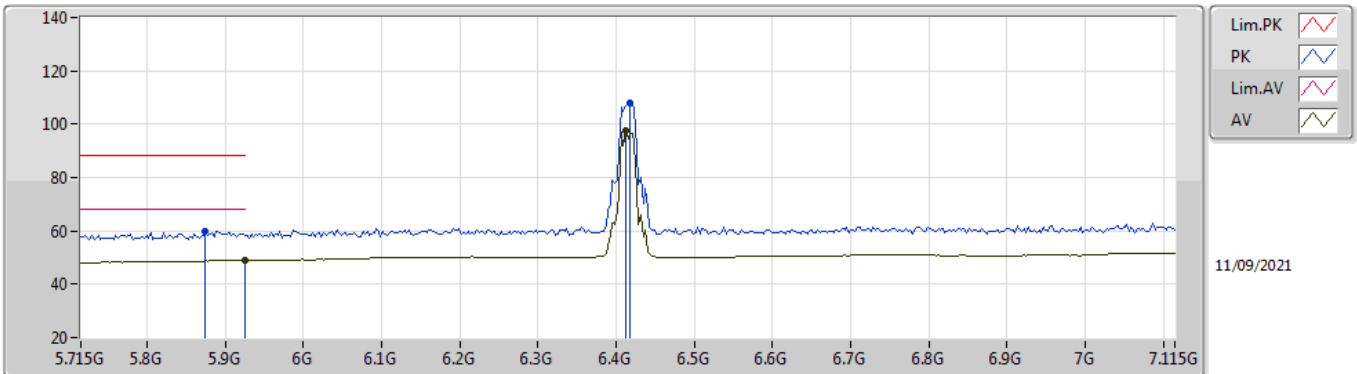


EUT Y_4TX
Setting 41
01-A-E-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.8158G	60.25	88.20	-27.95	53.32	3	Vertical	138	1.80	-	34.36	5.50	32.93	
RMS	5.9138G	49.06	68.20	-19.14	41.64	3	Vertical	138	1.80	-	34.86	5.50	32.94	
PK	6.4178G	108.34	Inf	-Inf	99.91	3	Vertical	138	1.80	-	35.30	6.08	32.95	
RMS	6.4178G	97.65	Inf	-Inf	89.22	3	Vertical	138	1.80	-	35.30	6.08	32.95	

802.11ax HEW20_Nss1,(MCS0)_4TX

6415MHz_TnomVnom

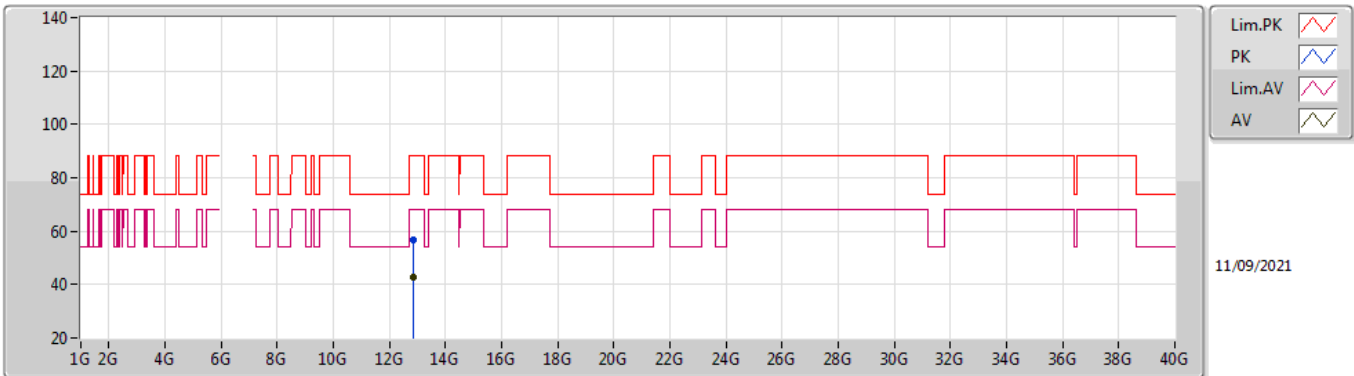


EUT Y_4TX
Setting 41
01-A-E-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.8746G	59.59	88.20	-28.61	52.38	3	Horizontal	94	2.12	-	34.65	5.50	32.94	
RMS	5.925G	49.00	68.20	-19.20	41.54	3	Horizontal	94	2.12	-	34.90	5.50	32.94	
PK	6.4178G	108.03	Inf	-Inf	99.60	3	Horizontal	94	2.12	-	35.30	6.08	32.95	
RMS	6.4122G	97.46	Inf	-Inf	89.02	3	Horizontal	94	2.12	-	35.30	6.09	32.95	

802.11ax HEW20_Nss1,(MCS0)_4TX

6415MHz_TnomVnom

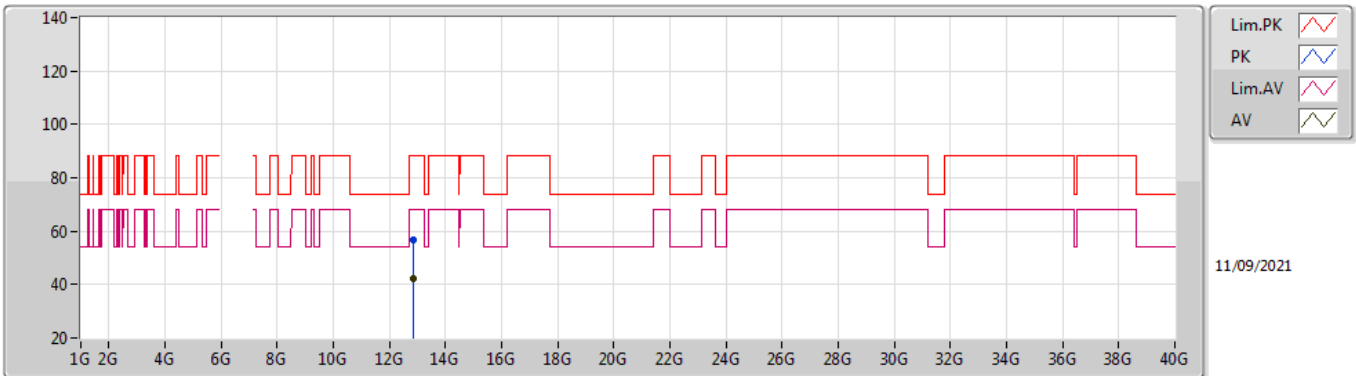


EUT Y_4TX
Setting 41
01-A-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	12.83492G	56.68	88.20	-31.52	40.90	3	Vertical	346	2.08	-	39.23	8.38	31.83	
RMS	12.8324G	42.51	68.20	-25.69	26.74	3	Vertical	346	2.08	-	39.23	8.37	31.83	

802.11ax HEW20_Nss1,(MCS0)_4TX

6415MHz_TnomVnom

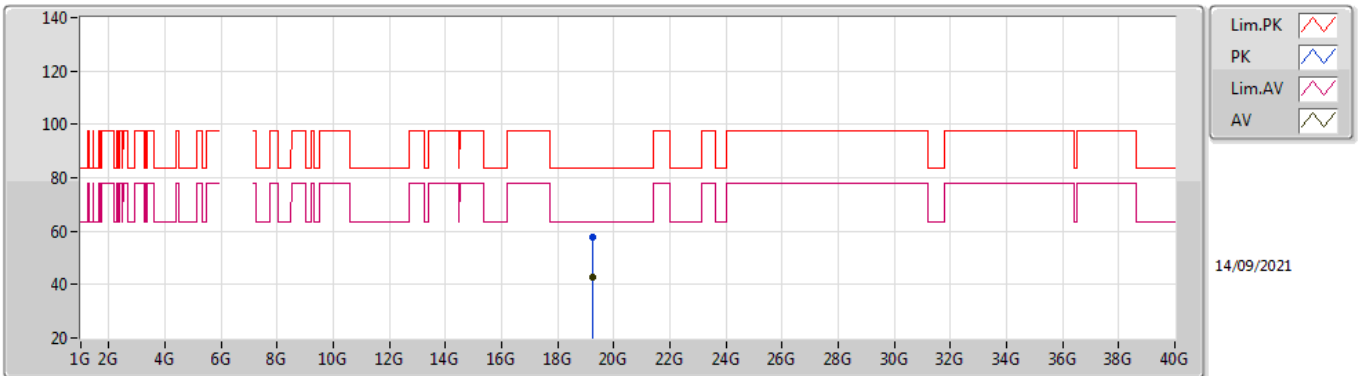


EUT Y_4TX
Setting 41
01-A-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	12.83222G	56.92	88.20	-31.28	41.15	3	Horizontal	82	1.93	-	39.23	8.37	31.83	
RMS	12.82918G	42.46	68.20	-25.74	26.70	3	Horizontal	82	1.93	-	39.23	8.37	31.84	

802.11ax HEW20_Nss1,(MCS0)_4TX

6415MHz_TnomVnom

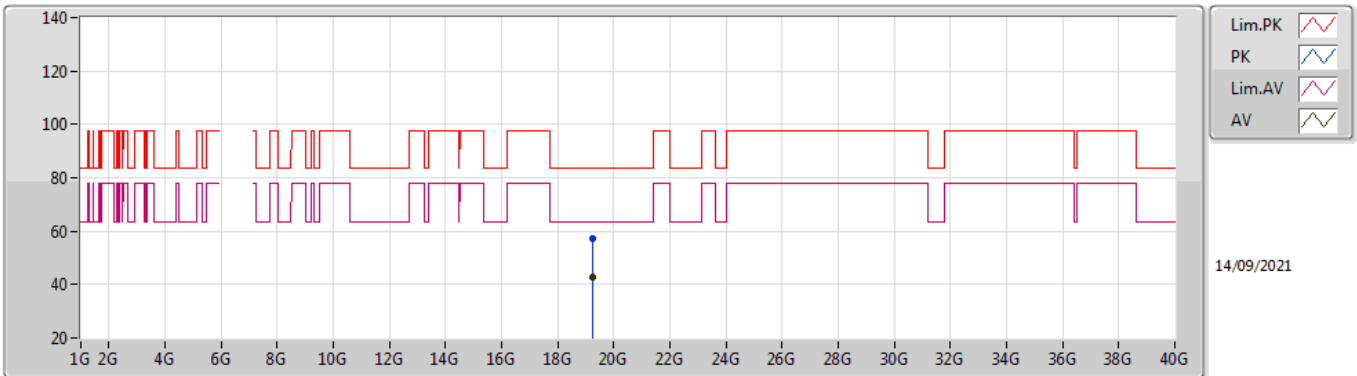


EUT Y_4TX
Setting 41
01-A-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.24532G	57.66	83.54	-25.88	55.64	1	Vertical	360	1.50	-	37.71	13.96	49.65
AV	19.24623G	42.92	63.54	-20.62	40.91	1	Vertical	360	1.50	-	37.70	13.96	49.65

802.11ax HEW20_Nss1,(MCS0)_4TX

6415MHz_TnomVnom

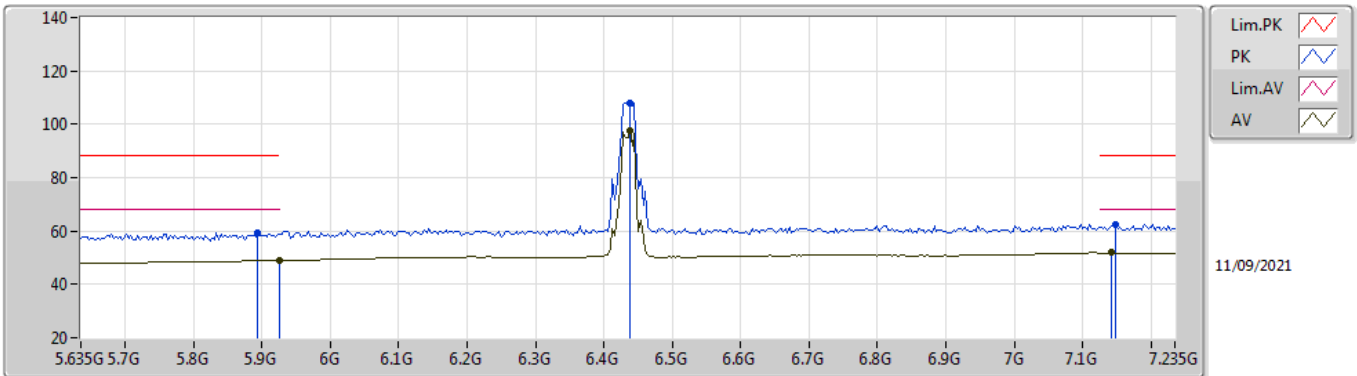


EUT Y_4TX
Setting 41
01-A-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.24675G	56.99	83.54	-26.55	54.98	1	Horizontal	158	1.50	-	37.70	13.96	49.65
AV	19.24727G	42.92	63.54	-20.62	40.91	1	Horizontal	158	1.50	-	37.70	13.96	49.65

802.11ax HEW20_Nss1,(MCS0)_4TX

6435MHz_TnomVnom

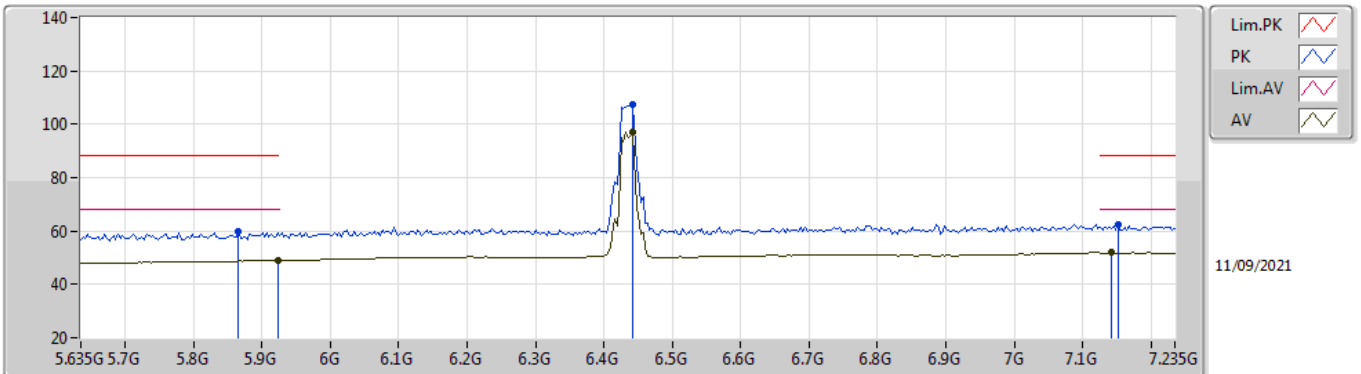


EUT V_4TX
Setting 42
01-A-E-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.8942G	59.54	88.20	-28.66	52.21	3	Vertical	138	2.06	-	34.77	5.50	32.94
RMS	5.925G	49.14	68.20	-19.06	41.68	3	Vertical	138	2.06	-	34.90	5.50	32.94
PK	6.4382G	108.13	Inf	-Inf	99.72	3	Vertical	138	2.06	-	35.30	6.06	32.95
RMS	6.4382G	97.52	Inf	-Inf	89.11	3	Vertical	138	2.06	-	35.30	6.06	32.95
PK	7.1486G	62.37	88.20	-25.83	52.55	3	Vertical	138	2.06	-	36.79	6.17	33.14
RMS	7.1422G	51.86	68.20	-16.34	42.06	3	Vertical	138	2.06	-	36.77	6.17	33.14

802.11ax HEW20_Nss1,(MCS0)_4TX

6435MHz_TnomVnom

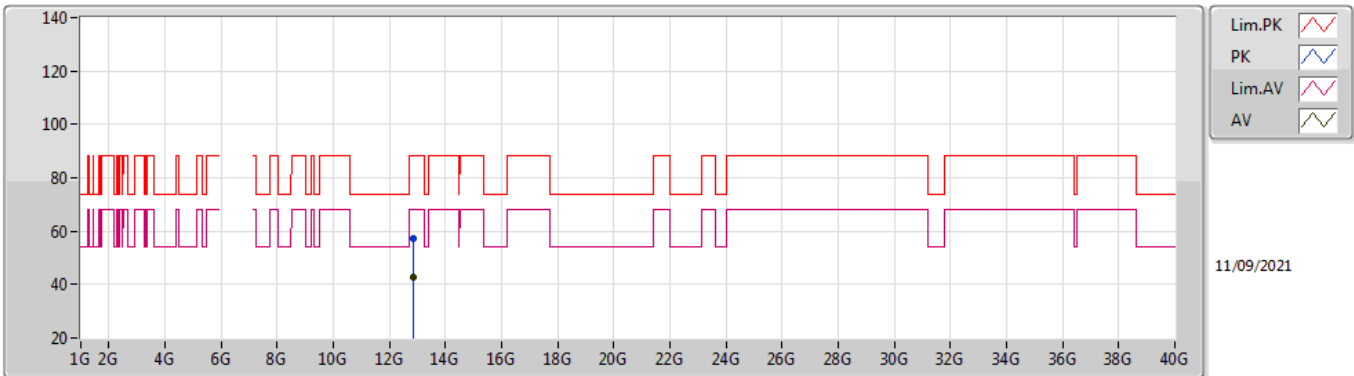


EUT V_4TX
Setting 42
01-A-E-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.8654G	59.83	88.20	-28.37	52.68	3	Horizontal	96	2.30	-	34.59	5.50	32.94
RMS	5.923G	49.08	68.20	-19.12	41.63	3	Horizontal	96	2.30	-	34.89	5.50	32.94
PK	6.4414G	107.67	Inf	-Inf	99.26	3	Horizontal	96	2.30	-	35.30	6.06	32.95
RMS	6.4414G	97.31	Inf	-Inf	88.90	3	Horizontal	96	2.30	-	35.30	6.06	32.95
PK	7.1518G	62.45	88.20	-25.75	52.60	3	Horizontal	96	2.30	-	36.81	6.18	33.14
RMS	7.1422G	51.87	68.20	-16.33	42.07	3	Horizontal	96	2.30	-	36.77	6.17	33.14

802.11ax HEW20_Nss1,(MCS0)_4TX

6435MHz_TnomVnom

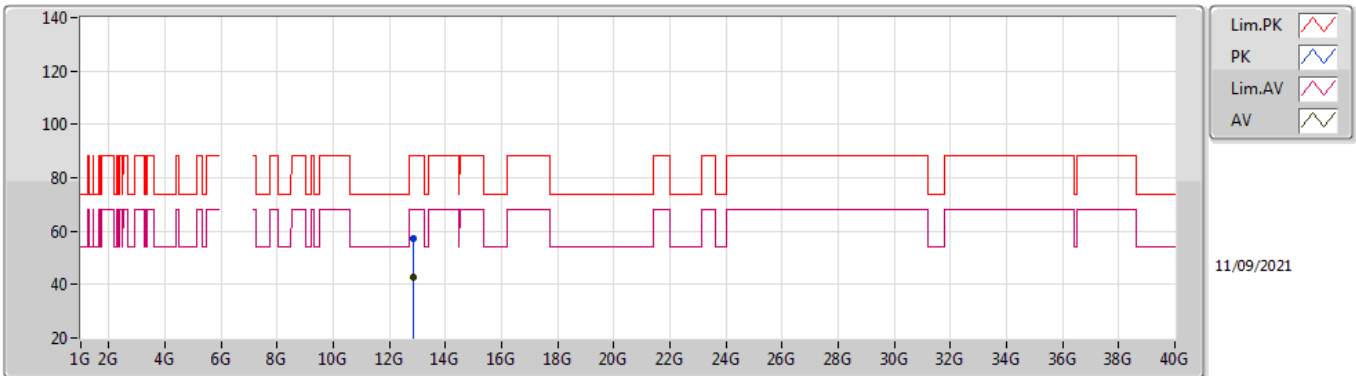


EUT Y_4TX
Setting 42
01-A-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	12.86992G	57.05	88.20	-31.15	41.18	3	Vertical	194	1.69	-	39.27	8.39	31.79	
RMS	12.86772G	42.87	68.20	-25.33	27.00	3	Vertical	194	1.69	-	39.27	8.39	31.79	

802.11ax HEW20_Nss1,(MCS0)_4TX

6435MHz_TnomVnom

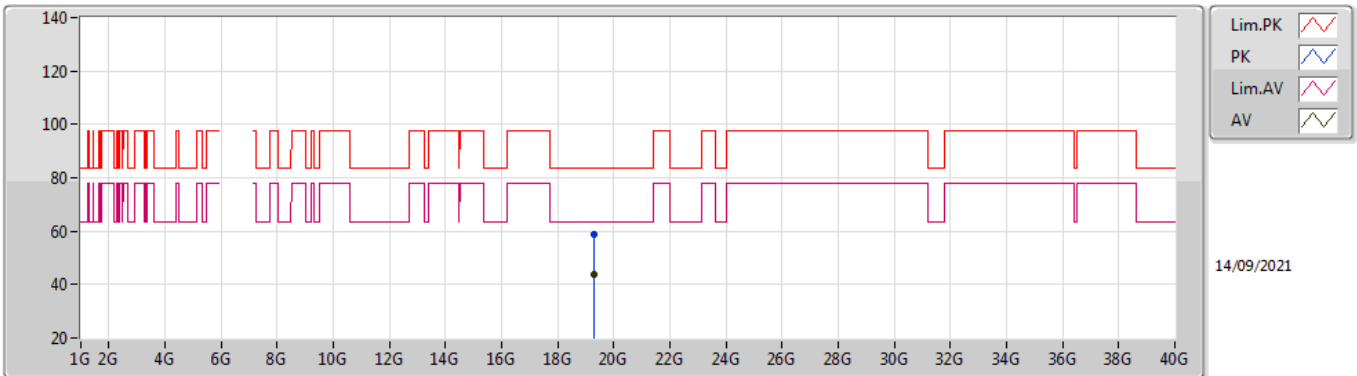


EUT Y_4TX
Setting 42
01-A-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	12.87096G	57.00	88.20	-31.20	41.13	3	Horizontal	358	1.00	-	39.27	8.39	31.79
RMS	12.87272G	42.85	68.20	-25.35	26.97	3	Horizontal	358	1.00	-	39.27	8.39	31.78

802.11ax HEW20_Nss1,(MCS0)_4TX

6435MHz_TnomVnom

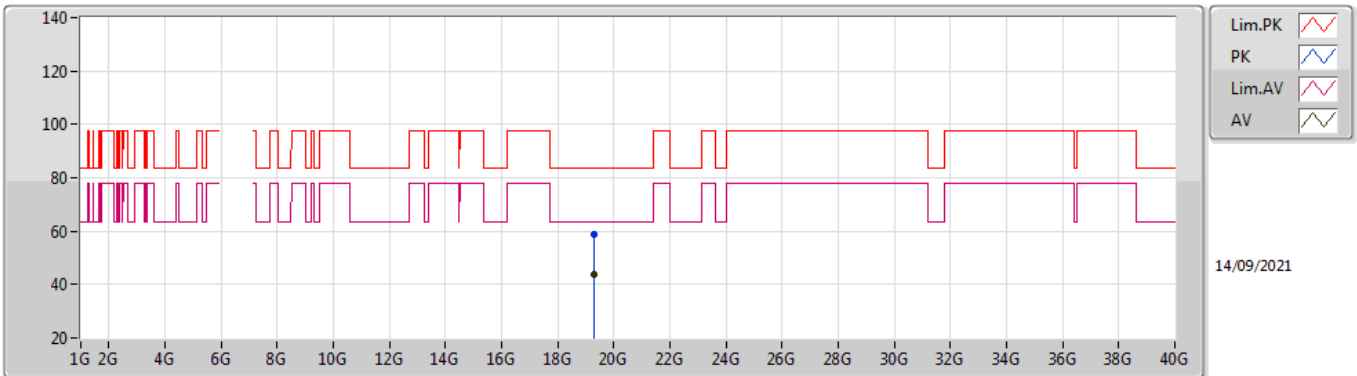


EUT Y_4TX
Setting 42
01-A-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.30277G	58.77	83.54	-24.77	56.72	1	Vertical	269	1.50	-	37.74	13.97	49.66
AV	19.3025G	43.72	63.54	-19.82	41.67	1	Vertical	269	1.50	-	37.74	13.97	49.66

802.11ax HEW20_Nss1,(MCS0)_4TX

6435MHz_TnomVnom

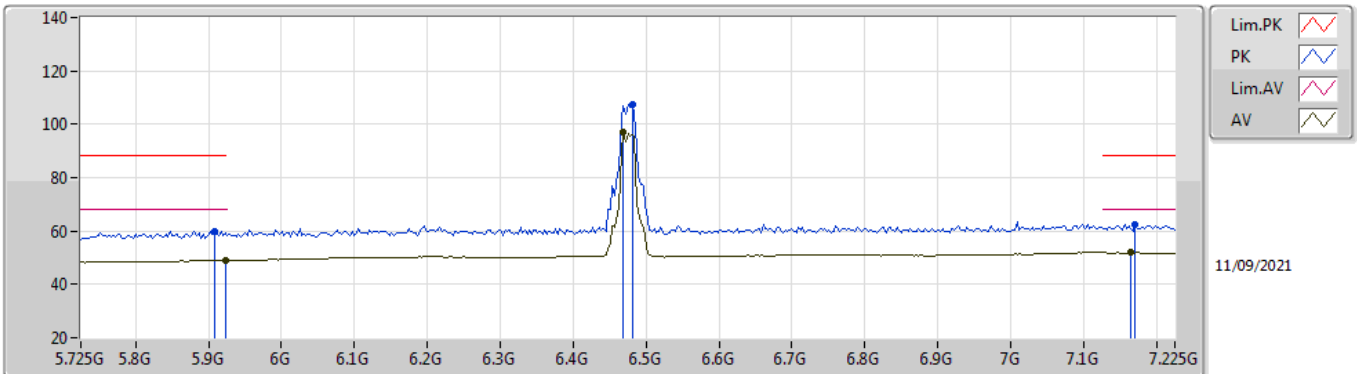


EUT Y_4TX
Setting 42
01-A-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.30491G	58.87	83.54	-24.67	56.82	1	Horizontal	32	1.30	-	37.74	13.97	49.66
AV	19.30447G	43.74	63.54	-19.80	41.69	1	Horizontal	32	1.30	-	37.74	13.97	49.66

802.11ax HEW20_Nss1,(MCS0)_4TX

6475MHz_TnomVnom

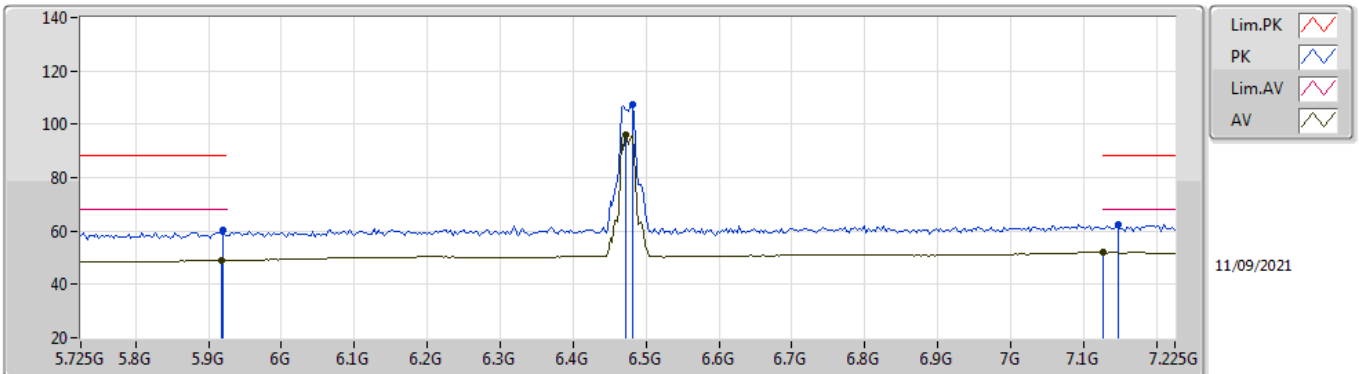


EUT_V_4TX
Setting 40
01-A-E-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.908G	59.76	88.20	-28.44	52.37	3	Vertical	329	1.71	-	34.83	5.50	32.94
RMS	5.923G	49.17	68.20	-19.03	41.72	3	Vertical	329	1.71	-	34.89	5.50	32.94
PK	6.481G	107.43	Inf	-Inf	98.94	3	Vertical	329	1.71	-	35.42	6.02	32.95
RMS	6.469G	96.97	Inf	-Inf	88.51	3	Vertical	329	1.71	-	35.38	6.03	32.95
PK	7.171G	62.59	88.20	-25.61	52.65	3	Vertical	329	1.71	-	36.88	6.19	33.13
RMS	7.165G	51.94	68.20	-16.26	42.03	3	Vertical	329	1.71	-	36.86	6.18	33.13

802.11ax HEW20_Nss1,(MCS0)_4TX

6475MHz_TnomVnom

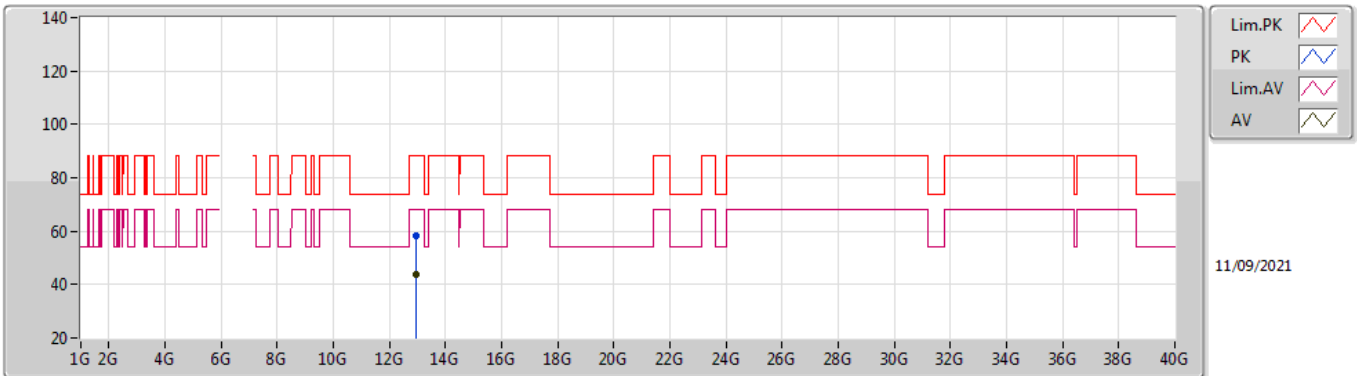


EUT_V_4TX
Setting 40
01-A-E-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.92G	60.56	88.20	-27.64	53.12	3	Horizontal	86	1.96	-	34.88	5.50	32.94
RMS	5.917G	49.15	68.20	-19.05	41.72	3	Horizontal	86	1.96	-	34.87	5.50	32.94
PK	6.481G	107.30	Inf	-Inf	98.81	3	Horizontal	86	1.96	-	35.42	6.02	32.95
RMS	6.472G	96.03	Inf	-Inf	87.56	3	Horizontal	86	1.96	-	35.39	6.03	32.95
PK	7.147G	62.59	88.20	-25.61	52.77	3	Horizontal	86	1.96	-	36.79	6.17	33.14
RMS	7.126G	52.03	68.20	-16.17	42.31	3	Horizontal	86	1.96	-	36.70	6.16	33.14

802.11ax HEW20_Nss1,(MCS0)_4TX

6475MHz_TnomVnom

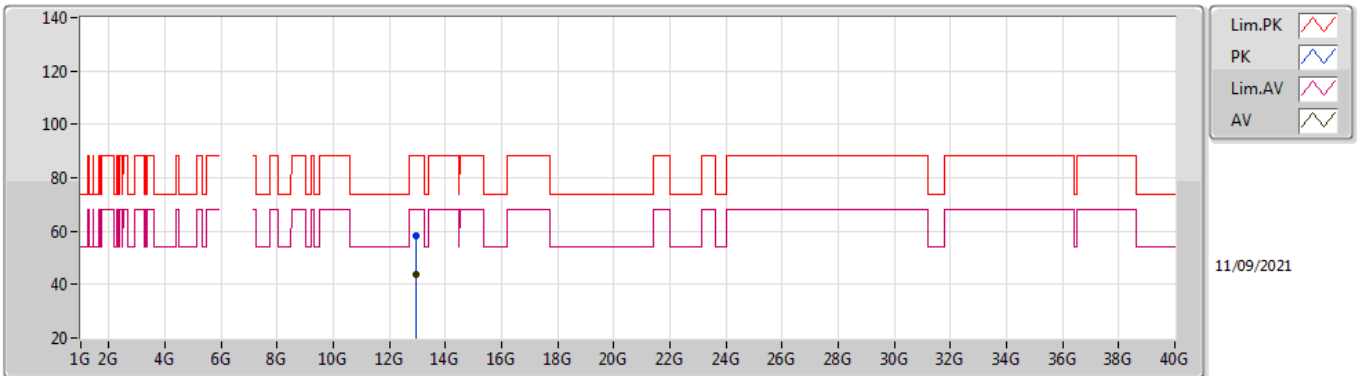


EUT Y_4TX
Setting 40
01-A-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	12.9534G	58.03	88.20	-30.17	41.87	3	Vertical	151	2.65	-	39.41	8.43	31.68	
RMS	12.94862G	43.62	68.20	-24.58	27.48	3	Vertical	151	2.65	-	39.40	8.43	31.69	

802.11ax HEW20_Nss1,(MCS0)_4TX

6475MHz_TnomVnom

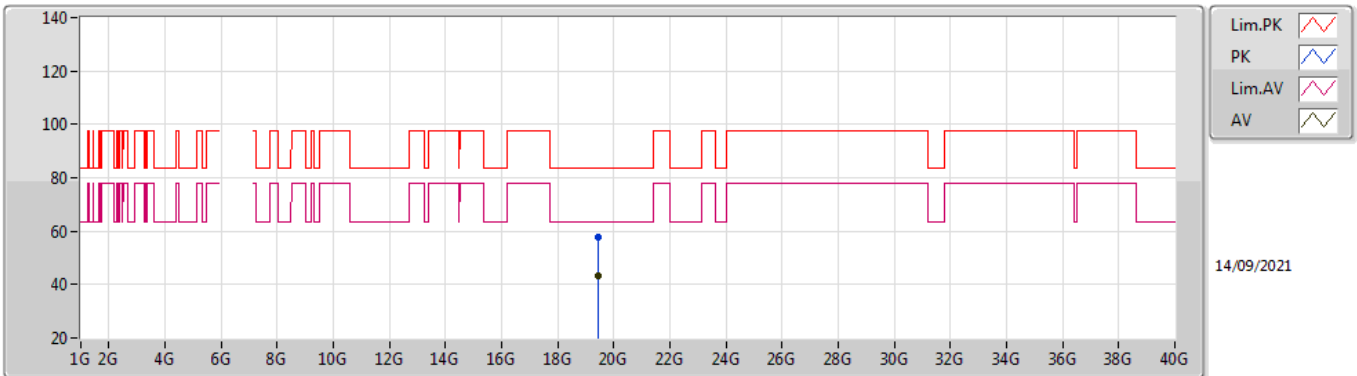


EUT Y_4TX
Setting 40
01-A-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	12.94952G	58.22	88.20	-29.98	42.07	3	Horizontal	70	1.00	-	39.40	8.43	31.68	
RMS	12.94922G	43.61	68.20	-24.59	27.46	3	Horizontal	70	1.00	-	39.40	8.43	31.68	

802.11ax HEW20_Nss1,(MCS0)_4TX

6475MHz_TnomVnom

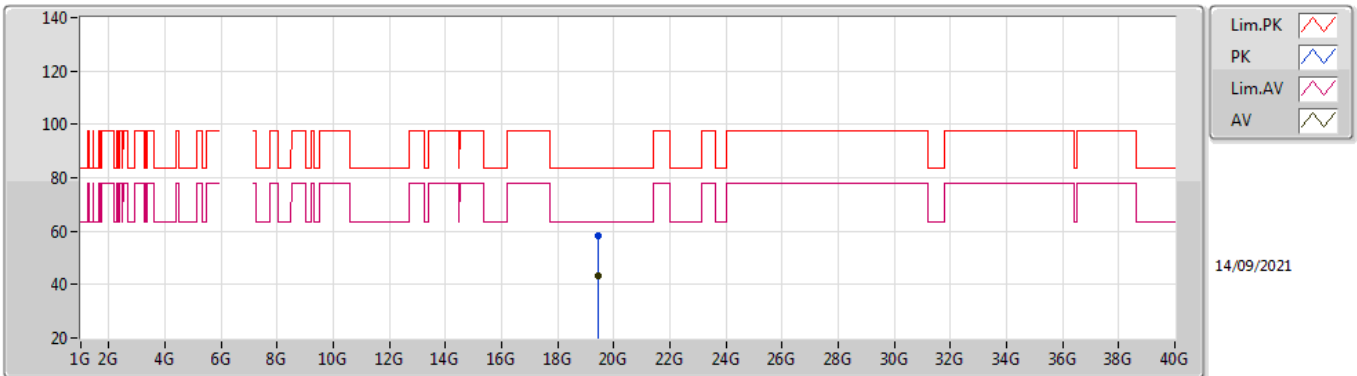


EUT Y_4TX
Setting 40
01-A-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.42547G	57.89	83.54	-25.65	55.77	1	Vertical	37	1.36	-	37.84	13.97	49.69
AV	19.42597G	43.31	63.54	-20.23	41.19	1	Vertical	37	1.36	-	37.84	13.97	49.69

802.11ax HEW20_Nss1,(MCS0)_4TX

6475MHz_TnomVnom

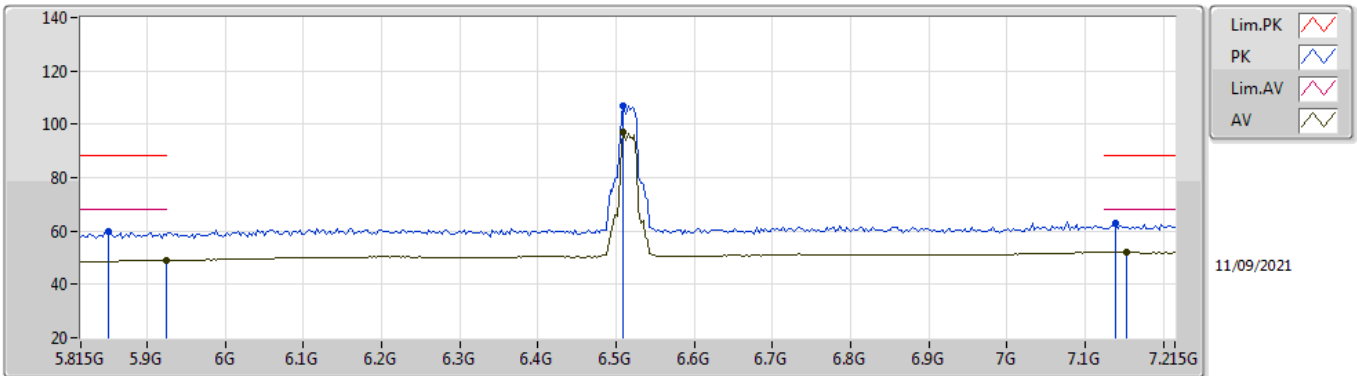


EUT Y_4TX
Setting 40
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA	
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)	
PK	19.42679G	58.48	83.54	-25.06	56.36	1	Horizontal	51	1.50	-	37.84	13.97	49.69	
AV	19.4264G	43.36	63.54	-20.18	41.24	1	Horizontal	51	1.50	-	37.84	13.97	49.69	

802.11ax HEW20_Nss1,(MCS0)_4TX

6515MHz_TnomVnom

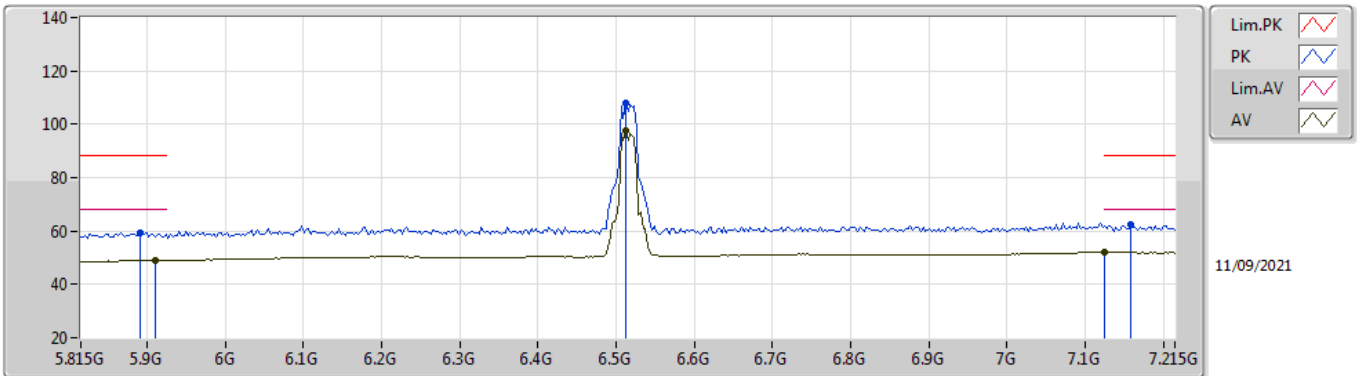


EUT_V_4TX
Setting 41
01-A-E-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.85G	59.66	88.20	-28.54	52.59	3	Vertical	9	1.80	-	34.50	5.50	32.93
RMS	5.9242G	49.14	68.20	-19.06	41.68	3	Vertical	9	1.80	-	34.90	5.50	32.94
PK	6.5094G	107.15	Inf	-Inf	98.57	3	Vertical	9	1.80	-	35.54	5.99	32.95
RMS	6.5094G	97.07	Inf	-Inf	88.49	3	Vertical	9	1.80	-	35.54	5.99	32.95
PK	7.1394G	62.96	88.20	-25.24	53.17	3	Vertical	9	1.80	-	36.76	6.17	33.14
RMS	7.1534G	52.07	68.20	-16.13	42.21	3	Vertical	9	1.80	-	36.81	6.18	33.13

802.11ax HEW20_Nss1,(MCS0)_4TX

6515MHz_TnomVnom

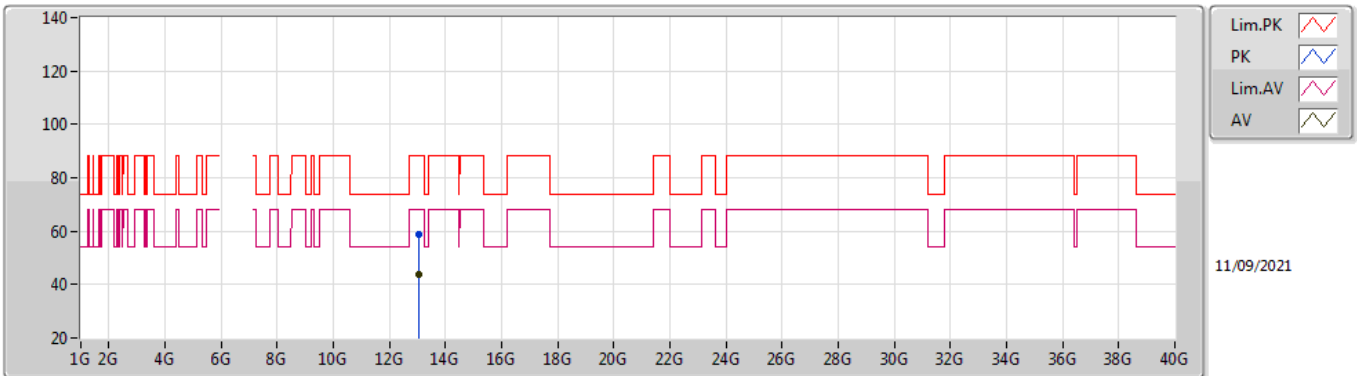


EUT_V_4TX
Setting 41
01-A-E-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.8906G	59.26	88.20	-28.94	51.96	3	Horizontal	98	2.41	-	34.74	5.50	32.94
RMS	5.9102G	49.12	68.20	-19.08	41.72	3	Horizontal	98	2.41	-	34.84	5.50	32.94
PK	6.5122G	107.72	Inf	-Inf	99.14	3	Horizontal	98	2.41	-	35.55	5.99	32.96
RMS	6.5122G	97.36	Inf	-Inf	88.78	3	Horizontal	98	2.41	-	35.55	5.99	32.96
PK	7.159G	62.24	88.20	-25.96	52.35	3	Horizontal	98	2.41	-	36.84	6.18	33.13
RMS	7.1254G	52.08	68.20	-16.12	42.36	3	Horizontal	98	2.41	-	36.70	6.16	33.14

802.11ax HEW20_Nss1,(MCS0)_4TX

6515MHz_TnomVnom

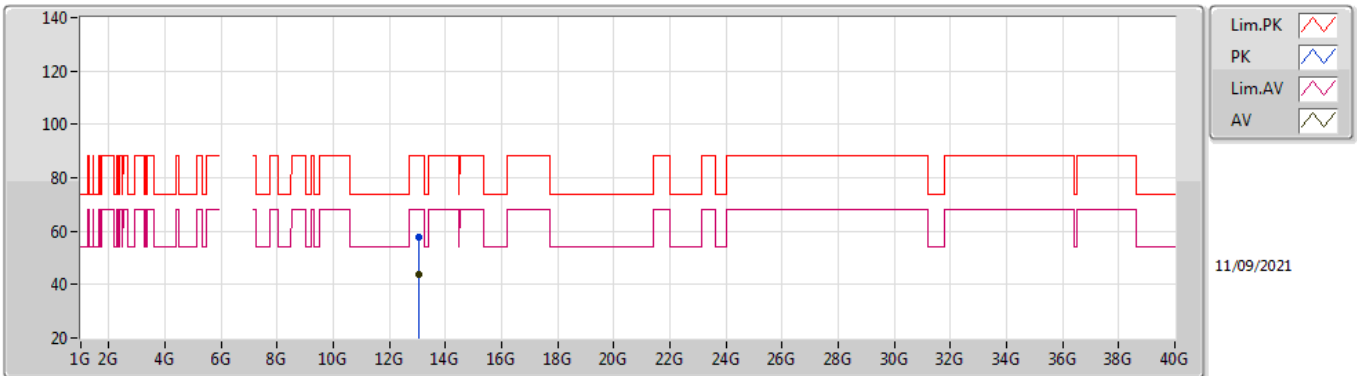


EUT Y_4TX
Setting 41
01-A-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	13.0344G	58.71	88.20	-29.49	42.25	3	Vertical	197	1.66	-	39.57	8.47	31.58	
RMS	13.02784G	43.67	68.20	-24.53	27.23	3	Vertical	197	1.66	-	39.56	8.46	31.58	

802.11ax HEW20_Nss1,(MCS0)_4TX

6515MHz_TnomVnom

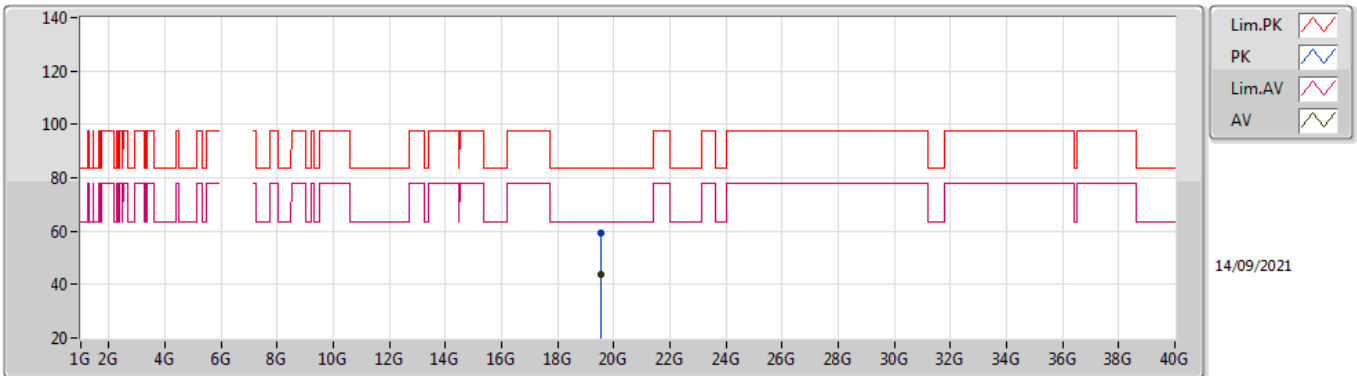


EUT Y_4TX
Setting 41
01-A-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	13.0265G	57.67	88.20	-30.53	41.25	3	Horizontal	294	2.72	-	39.55	8.46	31.59	
RMS	13.02924G	43.64	68.20	-24.56	27.20	3	Horizontal	294	2.72	-	39.56	8.46	31.58	

802.11ax HEW20_Nss1,(MCS0)_4TX

6515MHz_TnomVnom

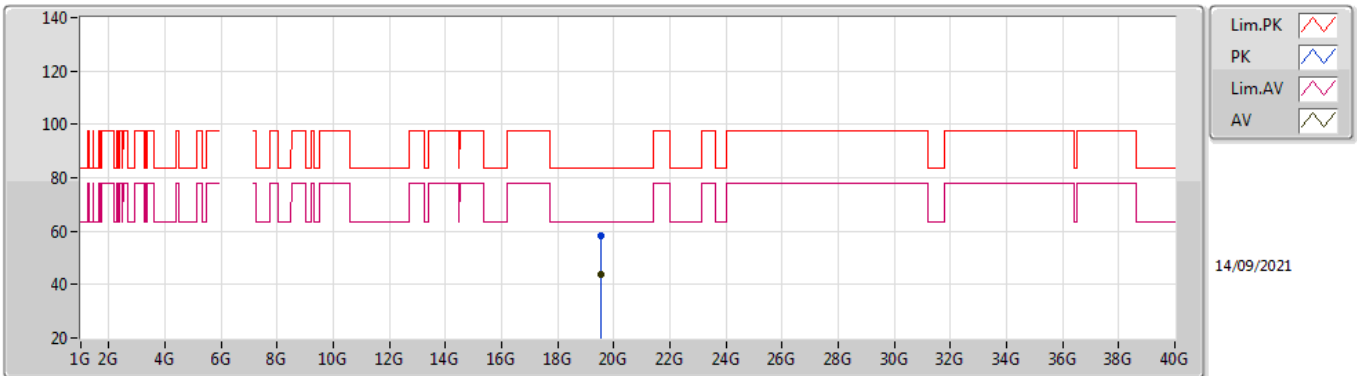


EUT Y_4TX
Setting 41
01-A-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.54455G	59.14	83.54	-24.40	56.98	1	Vertical	354	1.68	-	37.88	13.98	49.70
AV	19.54312G	43.79	63.54	-19.75	41.63	1	Vertical	354	1.68	-	37.88	13.98	49.70

802.11ax HEW20_Nss1,(MCS0)_4TX

6515MHz_TnomVnom

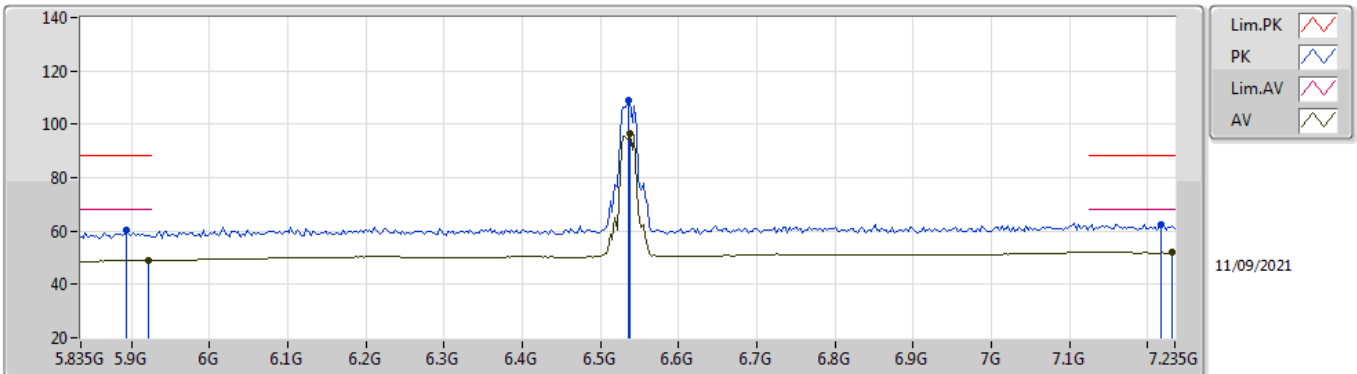


EUT Y_4TX
Setting 41
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.54534G	58.28	83.54	-25.26	56.12	1	Horizontal	55	1.57	-	37.88	13.98	49.70
AV	19.543G	43.80	63.54	-19.74	41.64	1	Horizontal	55	1.57	-	37.88	13.98	49.70

802.11ax HEW20_Nss1,(MCS0)_4TX

6535MHz_TnomVnom

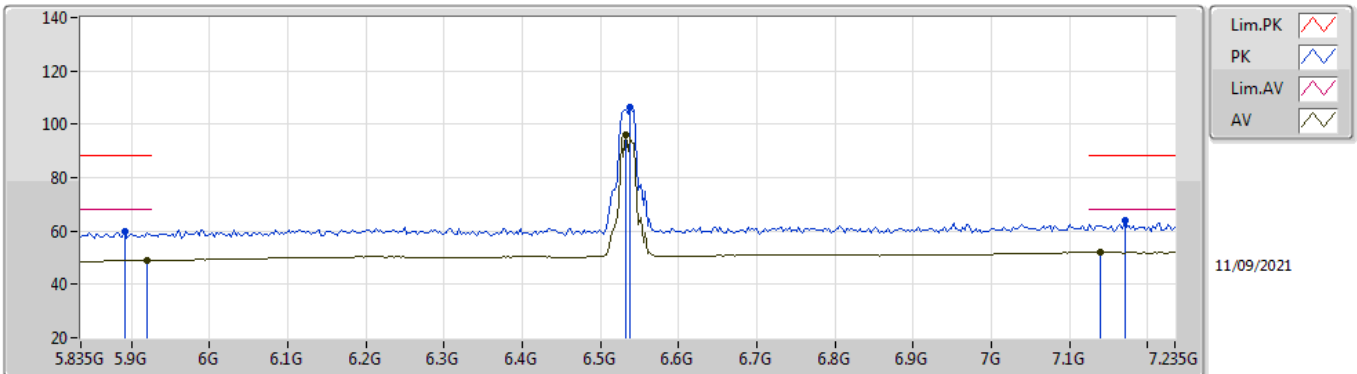


EUT V_4TX
Setting 39
01-A-E-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.8938G	60.45	88.20	-27.75	53.13	3	Vertical	141	1.80	-	34.76	5.50	32.94
RMS	5.9218G	49.20	68.20	-19.00	41.75	3	Vertical	141	1.80	-	34.89	5.50	32.94
PK	6.535G	109.17	Inf	-Inf	100.54	3	Vertical	141	1.80	-	35.64	5.96	32.97
RMS	6.5378G	96.53	Inf	-Inf	87.89	3	Vertical	141	1.80	-	35.65	5.96	32.97
PK	7.2182G	62.59	88.20	-25.61	52.48	3	Vertical	141	1.80	-	37.00	6.22	33.11
RMS	7.2322G	52.00	68.20	-16.20	41.88	3	Vertical	141	1.80	-	37.00	6.23	33.11

802.11ax HEW20_Nss1,(MCS0)_4TX

6535MHz_TnomVnom

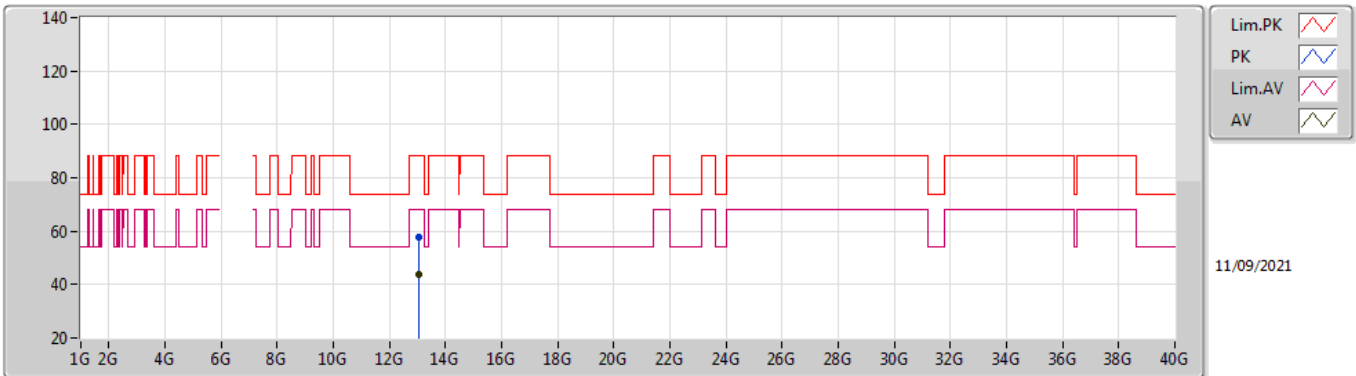


EUT V_4TX
Setting 39
01-A-E-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.891G	59.62	88.20	-28.58	52.31	3	Horizontal	87	1.97	-	34.75	5.50	32.94
RMS	5.919G	49.19	68.20	-19.01	41.75	3	Horizontal	87	1.97	-	34.88	5.50	32.94
PK	6.5378G	106.20	Inf	-Inf	97.56	3	Horizontal	87	1.97	-	35.65	5.96	32.97
RMS	6.5322G	95.98	Inf	-Inf	87.35	3	Horizontal	87	1.97	-	35.63	5.97	32.97
PK	7.1706G	63.80	88.20	-24.40	53.86	3	Horizontal	87	1.97	-	36.88	6.19	33.13
RMS	7.1398G	52.00	68.20	-16.20	42.21	3	Horizontal	87	1.97	-	36.76	6.17	33.14

802.11ax HEW20_Nss1,(MCS0)_4TX

6535MHz_TnomVnom

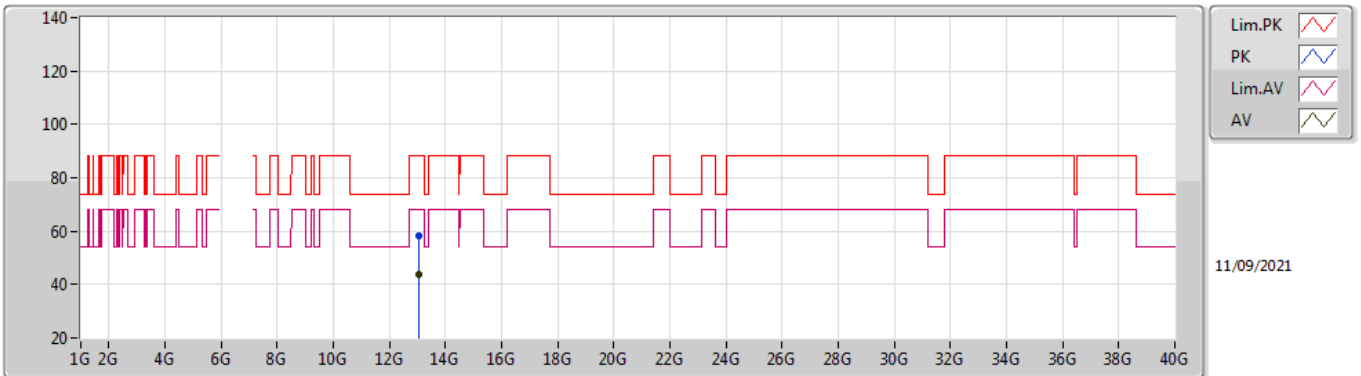


EUT Y_4TX
Setting 39
01-A-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	13.0657G	57.85	88.20	-30.35	41.28	3	Vertical	18	2.22	-	39.63	8.48	31.54	
RMS	13.069G	43.72	68.20	-24.48	27.13	3	Vertical	18	2.22	-	39.64	8.48	31.53	

802.11ax HEW20_Nss1,(MCS0)_4TX

6535MHz_TnomVnom

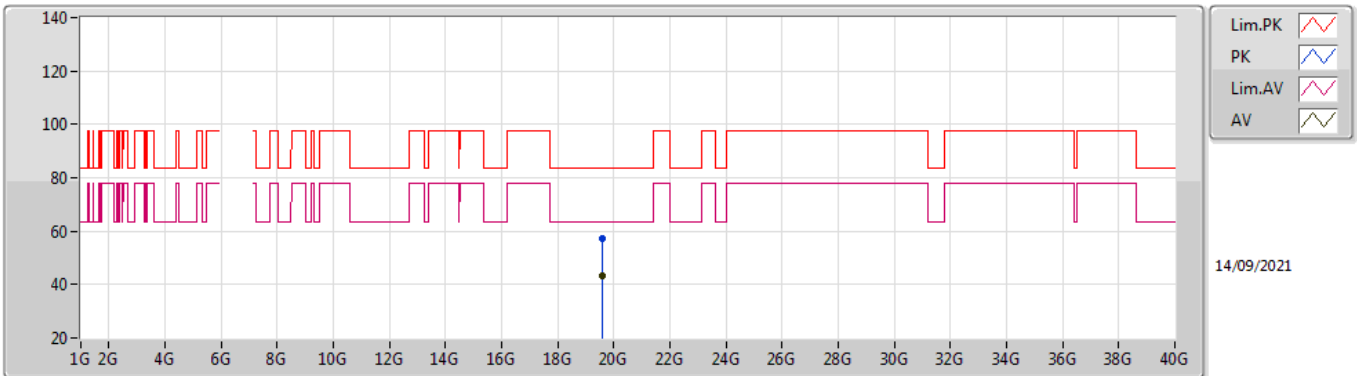


EUT Y_4TX
Setting 39
01-A-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	13.06686G	58.43	88.20	-29.77	41.86	3	Horizontal	220	1.43	-	39.63	8.48	31.54	
RMS	13.06904G	43.71	68.20	-24.49	27.12	3	Horizontal	220	1.43	-	39.64	8.48	31.53	

802.11ax HEW20_Nss1,(MCS0)_4TX

6535MHz_TnomVnom

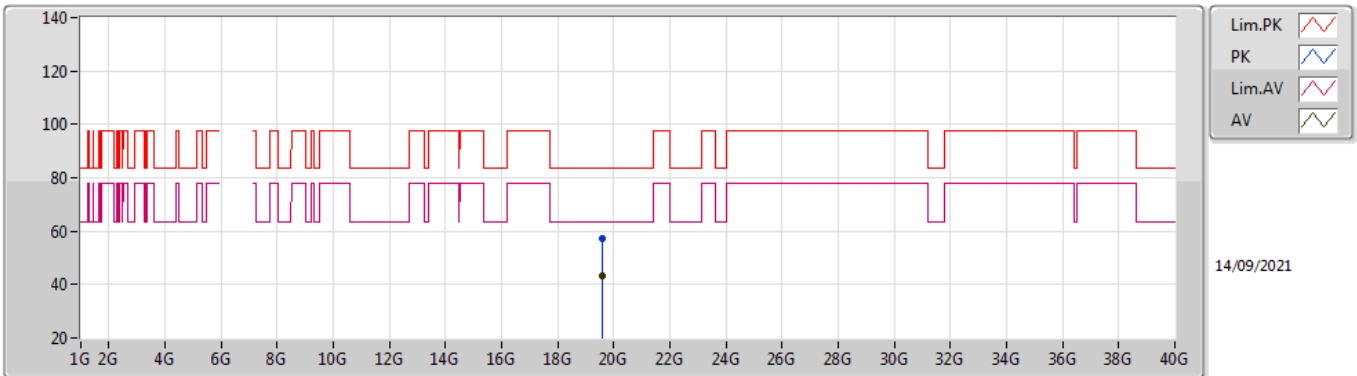


EUT Y_4TX
Setting 41
01-A-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.60518G	57.35	83.54	-26.19	55.21	1	Vertical	253	1.80	-	37.86	13.98	49.70
AV	19.60294G	43.05	63.54	-20.49	40.91	1	Vertical	253	1.80	-	37.86	13.98	49.70

802.11ax HEW20_Nss1,(MCS0)_4TX

6535MHz_TnomVnom

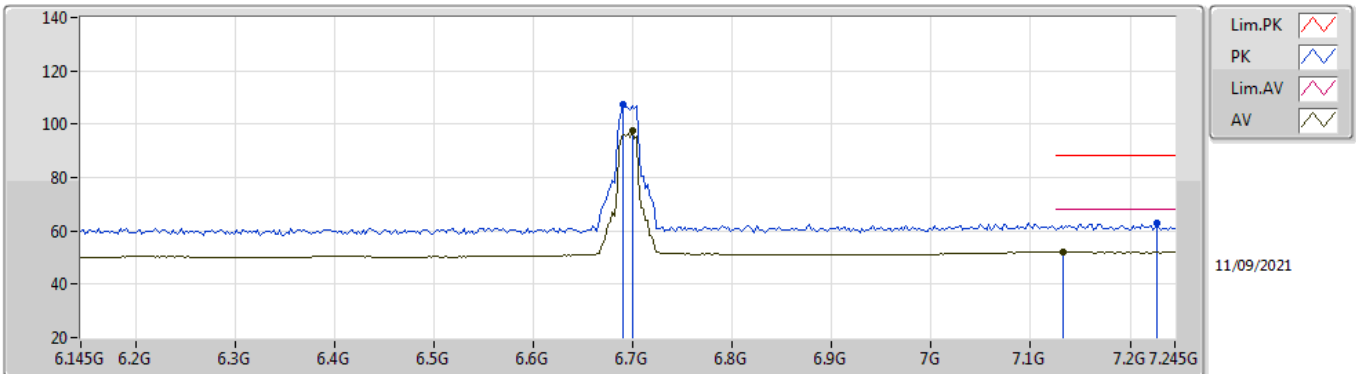


EUT Y_4TX
Setting 41
01-A-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.60667G	57.07	83.54	-26.47	54.93	1	Horizontal	38	1.55	-	37.86	13.98	49.70
AV	19.60332G	43.07	63.54	-20.47	40.93	1	Horizontal	38	1.55	-	37.86	13.98	49.70

802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TnomVnom

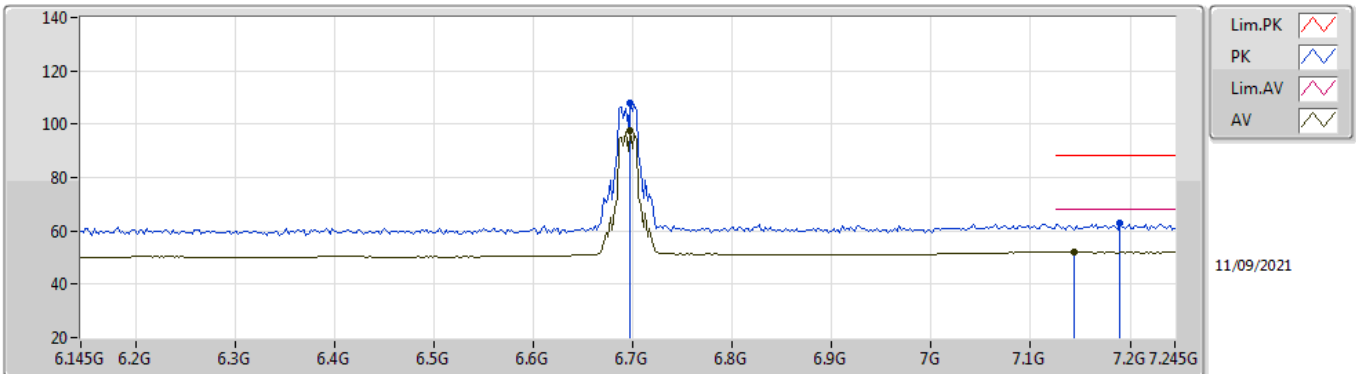


EUT Y_4TX
Setting 39
01-A-E-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	6.6906G	107.47	Inf	-Inf	98.58	3	Vertical	331	1.62	-	35.98	5.95	33.04	
RMS	6.6994G	97.67	Inf	-Inf	88.77	3	Vertical	331	1.62	-	36.00	5.95	33.05	
PK	7.2274G	62.77	88.20	-25.43	52.65	3	Vertical	331	1.62	-	37.00	6.23	33.11	
RMS	7.1328G	52.06	68.20	-16.14	42.30	3	Vertical	331	1.62	-	36.73	6.17	33.14	

802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TnomVnom

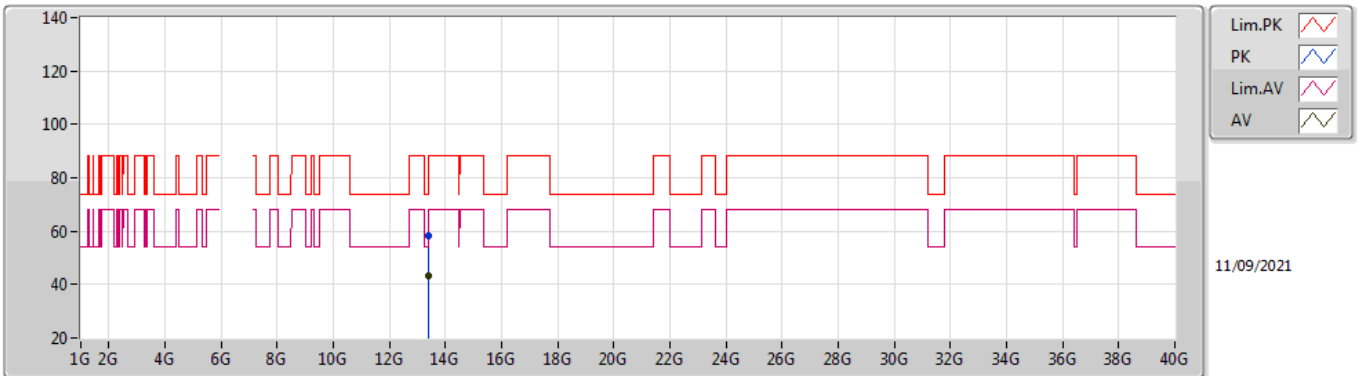


EUT Y_4TX
Setting 39
01-A-E-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	6.6972G	107.88	Inf	-Inf	98.98	3	Horizontal	90	1.90	-	35.99	5.95	33.04	
RMS	6.6972G	97.79	Inf	-Inf	88.89	3	Horizontal	90	1.90	-	35.99	5.95	33.04	
PK	7.19G	62.68	88.20	-25.52	52.64	3	Horizontal	90	1.90	-	36.96	6.20	33.12	
RMS	7.1438G	52.02	68.20	-16.18	42.21	3	Horizontal	90	1.90	-	36.78	6.17	33.14	

802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TnomVnom

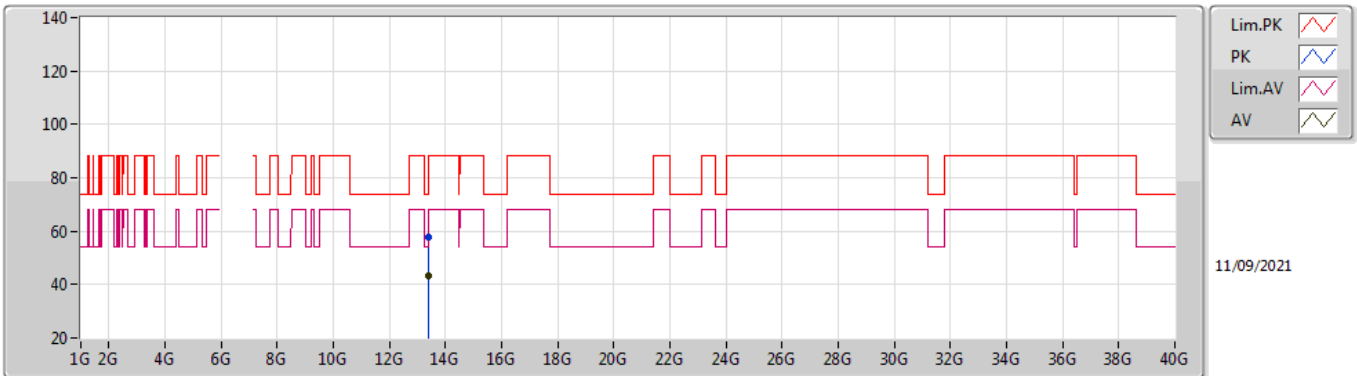


EUT Y_4TX
Setting 39
01-A-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	13.38718G	58.29	74.00	-15.71	40.63	3	Vertical	196	2.04	-	40.17	8.62	31.13	
AV	13.39252G	43.29	54.00	-10.71	25.60	3	Vertical	196	2.04	-	40.19	8.63	31.13	

802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TnomVnom

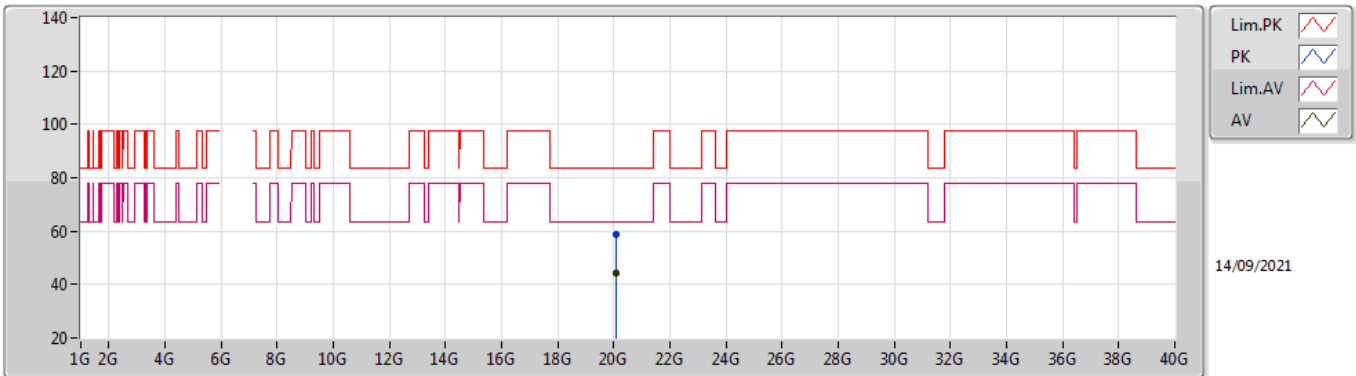


EUT Y_4TX
Setting 39
01-A-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	13.39476G	57.78	74.00	-16.22	40.08	3	Horizontal	19	2.86	-	40.19	8.63	31.12	
AV	13.39238G	43.28	54.00	-10.72	25.60	3	Horizontal	19	2.86	-	40.18	8.63	31.13	

802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TnomVnom

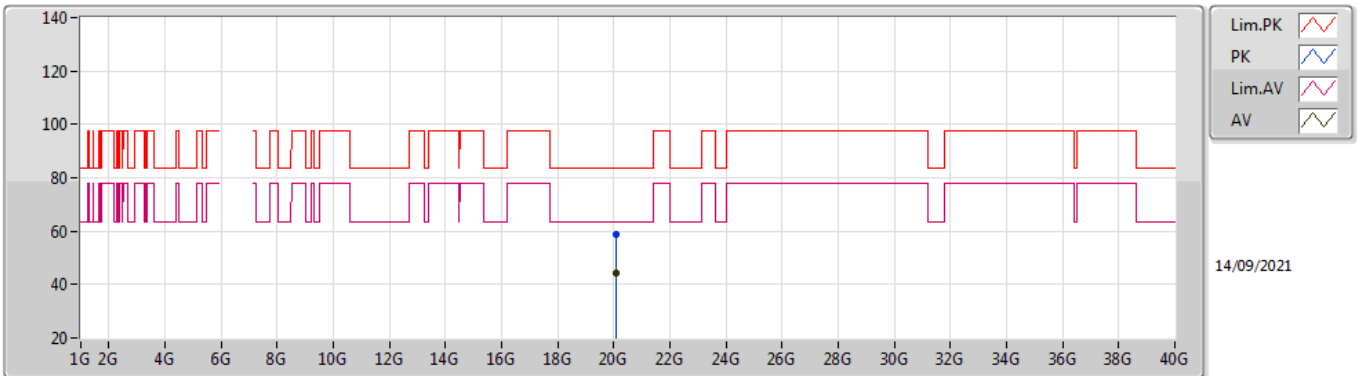


EUT Y_4TX
Setting 39
01-A-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.08439G	58.63	83.54	-24.91	56.83	1	Vertical	233	1.56	-	37.47	14.06	49.73
AV	20.083G	44.28	63.54	-19.26	42.48	1	Vertical	233	1.56	-	37.47	14.06	49.73

802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TnomVnom

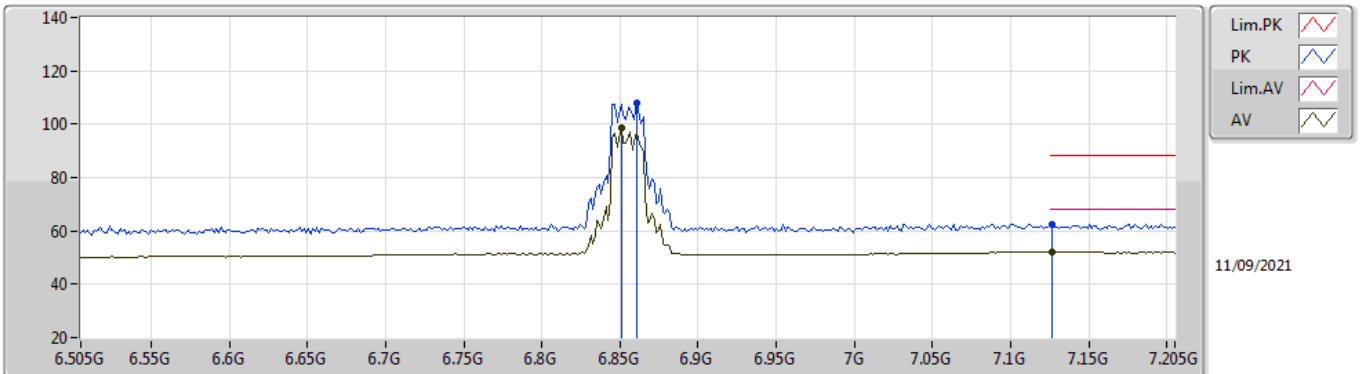


EUT Y_4TX
Setting 39
01-A-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA	
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)	
PK	20.08448G	58.59	83.54	-24.95	56.79	1	Horizontal	255	1.81	-	37.47	14.06	49.73	
AV	20.08264G	44.32	63.54	-19.22	42.52	1	Horizontal	255	1.81	-	37.47	14.06	49.73	

802.11ax HEW20_Nss1,(MCS0)_4TX

6855MHz_TnomVnom

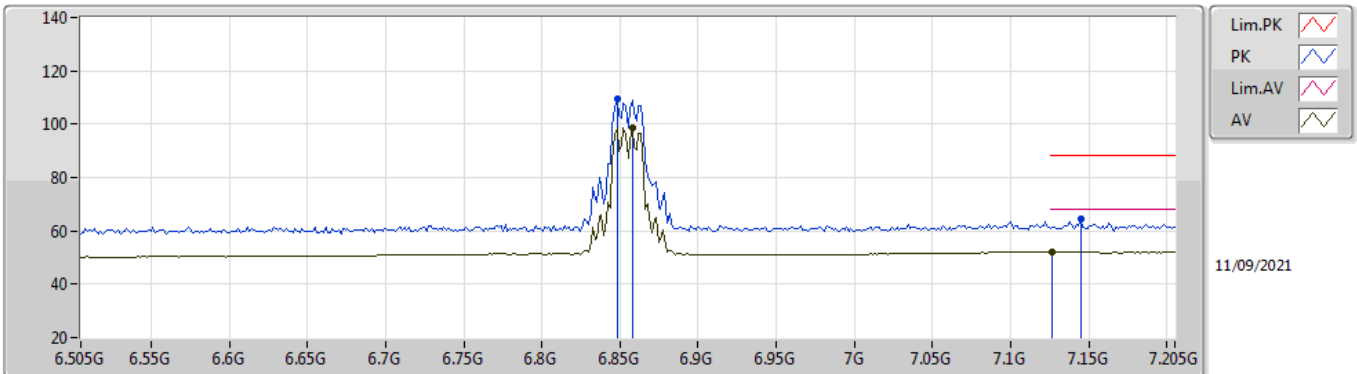


EUT Y_4TX
Setting 40
01-A-E-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	6.8606G	108.14	Inf	-Inf	98.95	3	Vertical	91	1.80	-	36.28	6.03	33.12	
RMS	6.8508G	98.62	Inf	-Inf	89.41	3	Vertical	91	1.80	-	36.30	6.03	33.12	
PK	7.1266G	62.50	88.20	-25.70	52.77	3	Vertical	91	1.80	-	36.71	6.16	33.14	
RMS	7.1266G	52.08	68.20	-16.12	42.35	3	Vertical	91	1.80	-	36.71	6.16	33.14	

802.11ax HEW20_Nss1,(MCS0)_4TX

6855MHz_TnomVnom

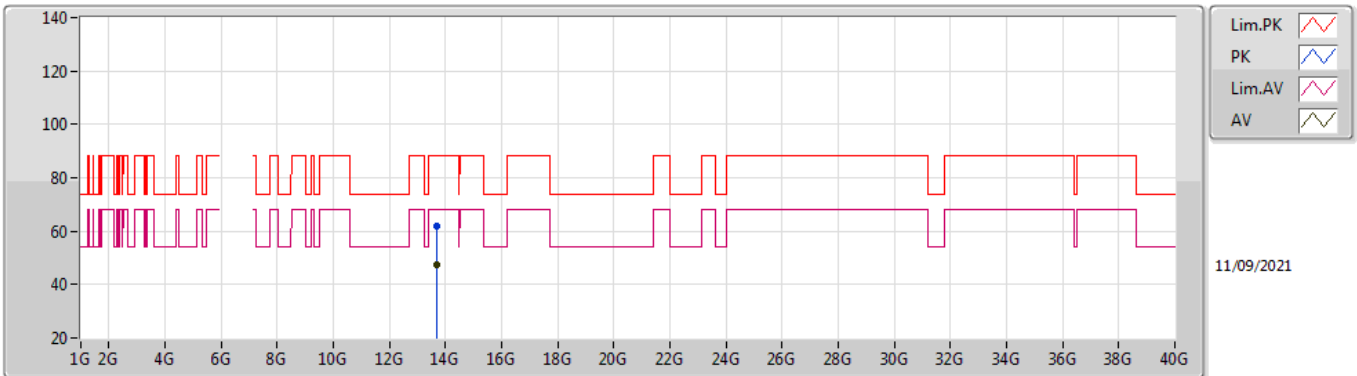


EUT Y_4TX
Setting 40
01-A-E-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	6.848G	109.45	Inf	-Inf	100.25	3	Horizontal	85	1.78	-	36.30	6.02	33.12	
RMS	6.8578G	98.74	Inf	-Inf	89.55	3	Horizontal	85	1.78	-	36.28	6.03	33.12	
PK	7.1448G	64.39	88.20	-23.81	54.58	3	Horizontal	85	1.78	-	36.78	6.17	33.14	
RMS	7.1266G	52.11	68.20	-16.09	42.38	3	Horizontal	85	1.78	-	36.71	6.16	33.14	

802.11ax HEW20_Nss1,(MCS0)_4TX

6855MHz_TnomVnom

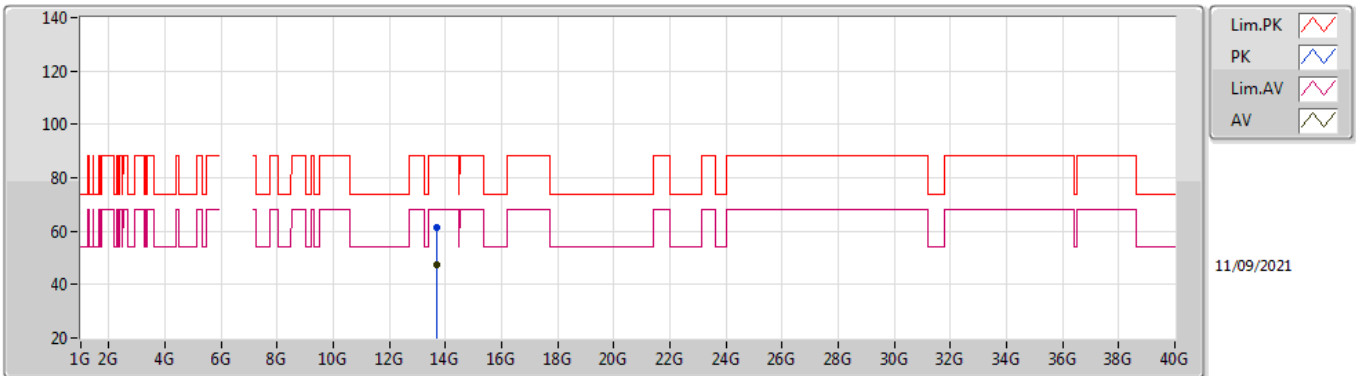


EUT Y_4TX
Setting 40
01-A-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	13.71134G	61.79	88.20	-26.41	43.64	3	Vertical	185	2.79	-	40.51	8.77	31.13	
RMS	13.70652G	47.23	68.20	-20.97	29.08	3	Vertical	185	2.79	-	40.51	8.77	31.13	

802.11ax HEW20_Nss1,(MCS0)_4TX

6855MHz_TnomVnom



EUT Y_4TX
Setting 40
01-A-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.71004G	61.56	88.20	-26.64	43.41	3	Horizontal	160	2.80	-	40.51	8.77	31.13
RMS	13.7064G	47.23	68.20	-20.97	29.08	3	Horizontal	160	2.80	-	40.51	8.77	31.13