Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	VW3FAST5295
Equipment	:	WiFi 6E Router
Brand Name	:	SAGEMCOM
Model Name	:	SAX2V1S
Applicant	:	SAGEMCOM BROADBAND SAS 250 Route de l'Empereur - 92848 RUEIL MALMAISON CEDEX- FRANCE
Manufacturer	:	SAGEMCOM BROADBAND SAS 250 Route de l'Empereur - 92848 RUEIL MALMAISON CEDEX- FRANCE
Standard	:	47 CFR FCC Part 15.407

The product was received on Jul. 01, 2022, and testing was started from Oct. 03, 2022 and completed on Nov. 29, 2022. 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 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

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Appendix I. Test Photos

Photographs of EUT v01

History of this test report

Report No.	Version	Description	Issued Date
FR263031AD	01	Initial issue of report	Nov. 30, 2022
FR263031AD	02	Initial issue of report	Dec. 01, 2022

Summary of Test Result

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

Declaration of Conformity:

1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
2. The measurement uncertainty please refer to report "Measurement Uncertainty".

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: Sandy Chuang

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)	6115-7115	33-233 [51]
5925-7125	ax (HEW40)	6125-7085	35-227 [25]
5925-7125	ax (HEW80)	6145-7025	39-215 [12]
5925-7125	ax (HEW160)	6185-6985	47-207 [6]

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

1.1.2 Antenna Information

Ant.	Port				Brand	Model Name	Ant. Type	Connector	Modes of Operation
	2.4GHz	5GHz	6GHz	GPS					
1	1	1	-	-	GALTRONICS	DB1	PIFA	I-PEX	2.4GHz and 5GHz UNII1~UNII4
2	2	3	-	-	GALTRONICS	DB2	PIFA	I-PEX	
3	3	2	-	-	GALTRONICS	DB3	PIFA	I-PEX	
4	4	4	-	-	GALTRONICS	DB4	PIFA	I-PEX	
5	-	5	1	-	GALTRONICS	ANT1	PIFA	I-PEX	5GHz UNII1~UNII4 and 6GHz UNII5~8
6	-	6	2	-	GALTRONICS	ANT2	PIFA	I-PEX	
7	-	7	3	-	GALTRONICS	ANT3	PIFA	I-PEX	
8	-	8	4	-	GALTRONICS	ANT4	PIFA	I-PEX	
9	-	-	5	-	GALTRONICS	6G1	PIFA	I-PEX	6GHz UNII5~8
10	-	-	6	-	GALTRONICS	6G2	PIFA	I-PEX	
11	-	-	7	-	GALTRONICS	6G3	PIFA	I-PEX	
12	-	-	8	-	GALTRONICS	6G4	PIFA	I-PEX	
13	-	-	-	1	GALTRONICS	GNSS	PIFA	I-PEX	GPS

<Antenna Gain>

Ant.	Antenna Gain (dBi)										
	2.4GHz	5GHz UNII 1	5GHz UNII 2A	5GHz UNII 2C	5GHz UNII 3	5GHz UNII 4	6GHz UNII 5	6GHz UNII 6	6GHz UNII 7	6GHz UNII 8	GPS
1	1.86	2.95	1.8	2.24	2.33	2.14	-	-	-	-	-
2	1.63	2.31	3.25	3.39	3.62	3.56	-	-	-	-	-
3	4.5	4.86	4.24	3.23	3.43	3.43	-	-	-	-	-
4	4.78	3.95	3.04	2.54	3.38	2.73	-	-	-	-	-
5	-	4.89	4.29	3.5	3.99	4.43	4.46	4.1	4.5	3.33	-
6	-	2.94	2.93	3.09	4.31	3.75	2.63	2.79	2.83	2.96	-
7	-	3.55	3.53	4.34	3.5	4.11	3.71	2.18	3.63	2.99	-
8	-	5.48	5.08	5.06	5.28	6.24	4.66	4.23	5.31	4.77	-
9	-	-	-	-	-	-	1.06	1.02	1.1	1.1	-
10	-	-	-	-	-	-	1.45	1.02	1.12	1.65	-
11	-	-	-	-	-	-	3.34	1.84	2.05	2	-
12	-	-	-	-	-	-	3.37	2.58	4	3.68	-
13	-	-	-	-	-	-	-	-	-	-	3.82

<Directional Gain>

DG	Directional Gain (dBi)
	2.4GHz
DG [1SS]	4.98

DG	Directional Gain (dBi)				
	5GHz UNII 1	5GHz UNII 2A	5GHz UNII 2C	5GHzUNII 3	5GHzUNII 4
DG [1SS] (dBi) option1	5.25	5.26	4.44	5.26	5.59
DG [1SS] (dBi) option2	4.55	3.75	3.74	4.17	4.69
DG [1SS] (dBi) option3	4.91	4.31	3.85	4.32	5.08
DG [1SS] (dBi) option4	4.24	3.9	3.94	4.18	3.74
DG [1SS] (dBi) option5	5.68	5.35	5.23	5.66	5.09
DG [1SS] (dBi) option6	4.33	3.54	4.19	4.43	4.65
DG [1SS] (dBi) option7	4.69	4.96	5.17	4.77	5.18
DG [1SS] (dBi) option8	5.57	4.88	3.91	4.79	3.91
DG [1SS] (dBi) option9	5.29	5.67	5.86	7.08	7.24
DG [1SS] (dBi) option10	5.4	5.15	4.82	5.9	6.13
DG [1SS] (dBi) option11	3.19	2.89	3.34	4.23	4.55
DG [1SS] (dBi) option12	3.92	3.82	4.46	4.85	3.91
DG [1SS] (dBi) option13	5.09	5.35	6.02	6.53	6.68
DG [1SS] (dBi) option14	5.38	5.06	4.88	5.52	5.48
DG [1SS] (dBi) option15	4.98	3.51	3.36	3.45	3.78
DG [1SS] (dBi) option16	5.18	4.17	3.71	4.56	4.08

DG	Directional Gain (dBi)			
	6GHz UNII 5	6GHz UNII 6	6GHz UNII 7	6GHz UNII 8
DG [1SS] (dBi) option1	3.24	4.73	5.38	4.81
DG [1SS] (dBi) option2	3.18	2.58	2.24	2.9
DG [1SS] (dBi) option3	4.66	4.96	5.5	4.76
DG [1SS] (dBi) option4	3.85	2.63	1.94	2.67
DG [1SS] (dBi) option5	3.51	4.15	5.24	4.73
DG [1SS] (dBi) option6	2.15	1.96	3.14	3.58
DG [1SS] (dBi) option7	4.02	4.2	5.36	4.74
DG [1SS] (dBi) option8	3.54	2.12	3.2	3.37
DG [1SS] (dBi) option9	3.44	4.17	4.41	4.33
DG [1SS] (dBi) option10	3.2	2.38	2.87	2.45
DG [1SS] (dBi) option11	5.12	4.52	4.55	5.1
DG [1SS] (dBi) option12	4.71	2.62	3.8	4.36
DG [1SS] (dBi) option13	3.46	3.87	4.44	4.12
DG [1SS] (dBi) option14	2.19	1.77	3.2	3.21
DG [1SS] (dBi) option15	5.9	4.24	4.58	5.05
DG [1SS] (dBi) option16	5.52	2.37	3.47	4.3

Note1: Maximum Directional Gain following KDB662911 D03.
Note2: The EUT doesn't enable the DFS band at this time.
Note3: The Ant. 13 for GPS used.
Note4: **<WLAN 2.4GHz function>**

For IEEE 802.11 b/g/n/VHT/ax (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.

<WLAN 5GHz function>

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

Port 1~8 can be used as transmitting/receiving antenna.

There are only four ports to be used at the same time.

UNII1

Port 1, Port 3, Port 6 and Port 7 generated the worst case, so it was selected to perform the test and its test result was written in the report.

UNII2C

Port 1, Port 3, Port 6 and Port 8 generated the worst case, so it was selected to perform the test and its test result was written in the report.

UNII2A and UNII3~4

Port 1, Port 3, Port 5 and Port 8 generated the worst case, so it was selected to perform the test and its test result was written in the report.

<WLAN 6GHz function>

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

Port 1~8 can be used as transmitting/receiving antenna.

There are only four ports to be used at the same time.

UNII5

Port 1, Port 4, Port 6 and Port 8 generated the worst case, so it was selected to perform the test and its test result was written in the report.

UNII6~7

Port 1, Port 4, Port 5 and Port 7 generated the worst case, so it was selected to perform the test and its test result was written in the report.

UNII8

Port 1, Port 4, Port 5 and Port 8 generated the worst case, so it was selected to perform the test and its test result was written in the report.

1.1.3 Table of Antenna Configuration

The configuration of antenna option 1~16 are follows:

<For Ant.1~Ant.8>

Option 1	Option 2	Option 3	Option 4	Option 5	Option 6	Option 7	Option 8
Ant.1	Ant.2	Ant.1	Ant.3	Ant.1	Ant.2	Ant.1	Ant.3
Ant.2	Ant.3	Ant.4	Ant.4	Ant.2	Ant.2	Ant.4	Ant.4
Ant.5	Ant.5	Ant.5	Ant.5	Ant.6	Ant.6	Ant.6	Ant.6
Ant.7	Ant.7	Ant.7	Ant.7	Ant.7	Ant.7	Ant.7	Ant.7
Option 9	**Option 10**	**Option 11**	**Option 12**	**Option 13**	**Option 14**	**Option 15**	**Option 16**
Ant.1	Ant.2	Ant.1	Ant.3	Ant.1	Ant.2	Ant.1	Ant.3
Ant.2	Ant.3	Ant.4	Ant.4	Ant.2	Ant.3	Ant.4	Ant.4
Ant.5	Ant.5	Ant.5	Ant.5	Ant.6	Ant.6	Ant.6	Ant.6
Ant.8	Ant.8	Ant.8	Ant.8	Ant.8	Ant.8	Ant.8	Ant.8

<For Ant.5~Ant.12>

Option 1	Option 2	Option 3	Option 4	Option 5	Option 6	Option 7	Option 8
Ant.5	Ant.6	Ant.5	Ant.6	Ant.5	Ant.6	Ant.5	Ant.6
Ant.7	Ant.7	Ant.8	Ant.8	Ant.7	Ant.7	Ant.8	Ant.8
Ant.9	Ant.9	Ant.9	Ant.9	Ant.10	Ant.10	Ant.10	Ant.10
Ant.11	Ant.11	Ant.11	Ant.11	Ant.11	Ant.11	Ant.11	Ant.11
Option 9	**Option 10**	**Option 11**	**Option 12**	**Option 13**	**Option 14**	**Option 15**	**Option 16**
Ant.5	Ant.6	Ant.5	Ant.6	Ant.5	Ant.6	Ant.5	Ant.6
Ant.7	Ant.7	Ant.8	Ant.8	Ant.7	Ant.7	Ant.8	Ant.8
Ant.9	Ant.9	Ant.9	Ant.9	Ant.10	Ant.10	Ant.10	Ant.10
Ant.12	Ant.12	Ant.12	Ant.12	Ant.12	Ant.12	Ant.12	Ant.12

Note 1: The above information was declared by the manufacturer.

Note 2:

The directional gain of the maximum was selected to test.

<For Ant.1~Ant.8> Option 5 for 5GHz UNII1 and option 9 for 5GHz UNII3~4 have been tested and recorded in the test report.

<For Ant.5~Ant.12> Option 15 for 6GHz UNII5, Option 3 for 6GHz UNII6~7 and Option 11 for 6GHz UNII8 have been tested and recorded in the test report.

1.1.4 Mode Test Duty Cycle

<Non-beamforming mode>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20	0.98	0.09	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.967	0.15	780.313u	3k
802.11ax HEW80	0.936	0.29	413.125u	3k
802.11ax HEW160	0.893	0.49	236.563u	10k

<Beamforming mode>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.944	0.25	2.921m	1k
802.11ax HEW40-BF	0.951	0.22	4.35m	300
802.11ax HEW80-BF	0.947	0.24	4.136m	300
802.11ax HEW160-BF	0.951	0.22	4.802m	300

Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.5 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz, n/ac/ax in 5GHz UNII 1/UNII 3~4, and ax in 6GHz UNII 5~UNII 8.			
Device Type	☒	Indoor Access Point	☐	Subordinate
	☐	Indoor Client	☐	Standard Power Access Point
	☐	Dual Client	☐	Standard Client
	☐	Fixed Client		
Channel Puncturing Function	☐	Supported	☒	Unsupported
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	Access Manual Tool 3.2.1.1			
Software / Firmware Version for CBP	5.04L.04_V030-83d11f918			

Note: The above information was declared by manufacturer.

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 412172 D01 v01r01
- FCC KDB 414788 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 <Other test>	TH03-CB	Sean Ku	21.5~23.3 / 63~66	Oct. 25, 2022~ Nov. 05, 2022
Radiated <Below 1GHz>	03CH05-CB	KJ Chang	23.5~24 / 56~59	Oct. 03, 2022~ Nov. 12, 2022
Radiated <Above 1GHz, Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) and Peak Power Spectral Density (E.I.R.P.) test>	03CH01-CB	KJ Chang	22.5~23.9 / 57~62	Oct. 03, 2022~ Nov. 12, 2022
	03CH03-CB		22.4~24.3 / 56~59	
	03CH04-CB		22.6~23.6 / 56~61	
Radiated <Co-location>	03CH05-CB	KJ Chang	23.5~24 / 56~59	Oct. 03, 2022~ Nov. 12, 2022
RF Conducted <Contention-Based Protocol test>	DF01-CB	Bruce Yang	22.9~24 / 65~67	Nov. 23, 2022~ Nov. 24, 2022
AC Conduction	CO01-CB	Tim Chen	23~24 / 53~54	Nov. 14, 2022~ Nov. 29, 2022

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

<Non-beamforming mode>

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_4TX	-
6115MHz	33
6255MHz	34
6415MHz	37
802.11ax HEW20_Nss1,(MCS0)_4TX	-
6435MHz	32
6475MHz	30
6515MHz	30
6535MHz	28
6695MHz	34
6855MHz	31
6875MHz Straddle 6.525-6.875GHz	31
802.11ax HEW20_Nss1,(MCS0)_4TX	-
6895MHz	33
6995MHz	36
7095MHz	41
7115MHz	20
802.11ax HEW40_Nss1,(MCS0)_4TX	-
6125MHz	46
6245MHz	46
6405MHz	45
802.11ax HEW40_Nss1,(MCS0)_4TX	-
6445MHz	41
6485MHz	40
6525MHz Straddle 6.425-6.525GHz	39
6565MHz	38
6685MHz	42
6845MHz	41
6885MHz Straddle 6.525-6.875GHz	40
802.11ax HEW40_Nss1,(MCS0)_4TX	-
6925MHz	40
7005MHz	45
7085MHz	50
802.11ax HEW80_Nss1,(MCS0)_4TX	-

Mode	Power Setting
6145MHz	53
6225MHz	55
6385MHz	58
802.11ax HEW80_Nss1,(MCS0)_4TX	-
6465MHz	54
6545MHz Straddle 6.425-6.525GHz	50
6625MHz	52
6705MHz	53
6785MHz	55
6865MHz Straddle 6.525-6.875GHz	55
802.11ax HEW80_Nss1,(MCS0)_4TX	-
6945MHz	56
7025MHz	58
802.11ax HEW160_Nss1,(MCS0)_4TX	-
6185MHz	66
6345MHz	66
802.11ax HEW160_Nss1,(MCS0)_4TX	-
6505MHz Straddle 6.425-6.525GHz	66
6665MHz	68
6825MHz Straddle 6.525-6.875GHz	65
802.11ax HEW160_Nss1,(MCS0)_4TX	-
6985MHz	66

<Beamforming mode>

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
6115MHz	31
6255MHz	42
6415MHz	37
6435MHz	51
6475MHz	45
6515MHz	29
6535MHz	27
6695MHz	47
6855MHz	46
6875MHz Straddle 6.525-6.875GHz	40
6895MHz	34
6995MHz	33
7095MHz	33
7115MHz	27
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
6125MHz	48
6245MHz	48
6405MHz	47
6445MHz	45
6485MHz	44
6525MHz Straddle 6.425-6.525GHz	34
6565MHz	43
6685MHz	40
6845MHz	47
6885MHz Straddle 6.525-6.875GHz	43
6925MHz	47
7005MHz	47
7085MHz	37
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
6145MHz	45
6225MHz	58
6385MHz	56
6465MHz	55
6545MHz Straddle 6.425-6.525GHz	55
6625MHz	50
6705MHz	55
6785MHz	51

Mode	Power Setting
6865MHz Straddle 6.525-6.875GHz	56
6945MHz	60
7025MHz	65
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
6185MHz	65
6345MHz	71
6505MHz Straddle 6.425-6.525GHz	65
6665MHz	65
6825MHz Straddle 6.525-6.875GHz	61
6985MHz	73

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	EUT + 2.4GHz + Adapter 1
2	EUT + 2.4GHz + Adapter 2
3	EUT + 2.4GHz + Adapter 3
Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4~5 will follow this same test mode.	
4	EUT + 5GHz + Adapter 3
5	EUT + 6GHz + Adapter 3
For operating mode 3 is the worst case and it was record in this test report.	

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.)
Test Condition	Radiated measurement
The EUT was performed at X axis, Y axis and Z axis position, and the worst case as below:	
1	EUT in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position for Radiated measurement<Above 1GHz>, and the worst case was found at Y axis position for 2.4GHz/5GHz and Z axis position for 6GHz.	
1	EUT in Y axis + 2.4GHz + Adapter 1
2	EUT in Y axis + 2.4GHz + Adapter 2
3	EUT in Y axis + 2.4GHz + Adapter 3
Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4~5 will follow this same test mode.	
4	EUT in Y axis + 5GHz + Adapter 3
5	EUT in Z axis + 6GHz + Adapter 3
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position, and the worst case as below:	
1	EUT in Z 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 - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
The EUT was performed at X axis, Y axis and Z axis position. EUT Y axis has been evaluated to be the worst case at Emissions in Radiated measurement <Above 1GHz> ; thus, the measurement will follow this same test configuration	
1	EUT in Y axis + 2.4GHz + 5GHz (UNII1/3/4) + 6GHz (UNII5~8)
Refer to Appendix H for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	2.4GHz + 5GHz (UNII1/3/4) + 6GHz (UNII5~8)
Refer to Sporton Test Report No.: FA263031 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 WLAN module and transmit duty cycle no less than 98%.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories				
Equipment Name	**Brand Name**	**Model Name**	**Rating**	**Remark**
Adapter 1	Challenger Cable Sales	PS-2.5-12-3WT3	INPUT: 100-120V~50/60Hz, 1.0A OUTPUT: 12V, 3.0A	-
Adapter 2	NetBit	NBS36J120300VU	INPUT: 100-120V~, 50/60Hz, 1.0A OUTPUT: 12.0V, 3.0A	NB06
Adapter 3	NetBit	NBS36J120300VU	INPUT: 100-120V~, 50/60Hz, 1.0A OUTPUT: 12.0V, 3.0A	NB01

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E6430	N/A

For Radiated: Below 1GHz

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

For Radiated: Above 1GHz
<Non-beamforming mode>

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

<Beamforming mode>

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

For RF Conducted:
<Other test>

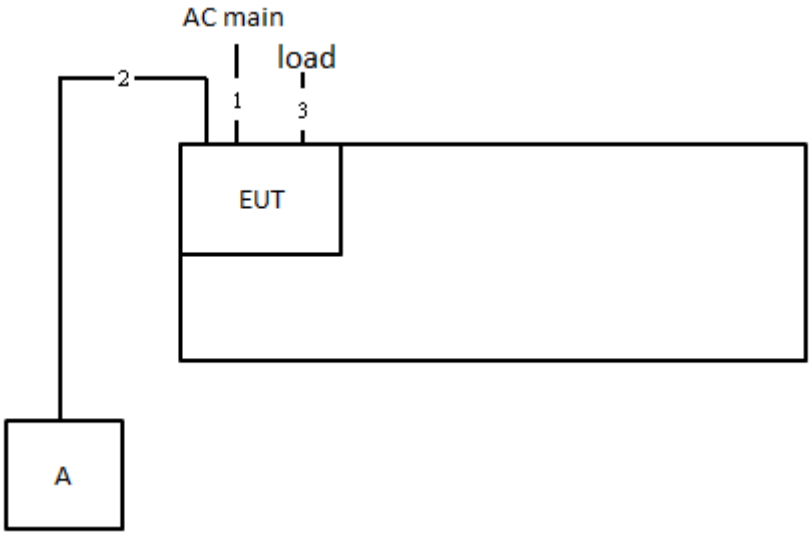
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	Lanovo	X1 Carbon	PD962205ANSU

<Contention-Based Protocol test>

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Notebook	Lenovo	L490	N/A
C	WLAN module	Intel	AX210NGW	PD9AX210NG

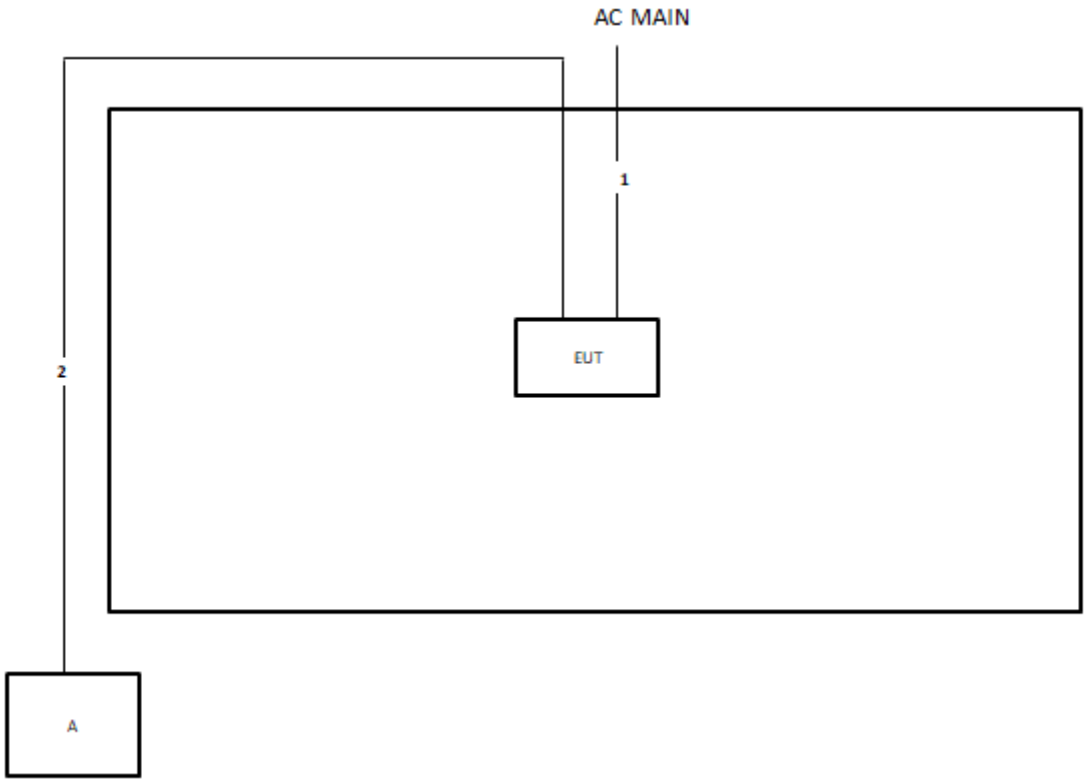
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



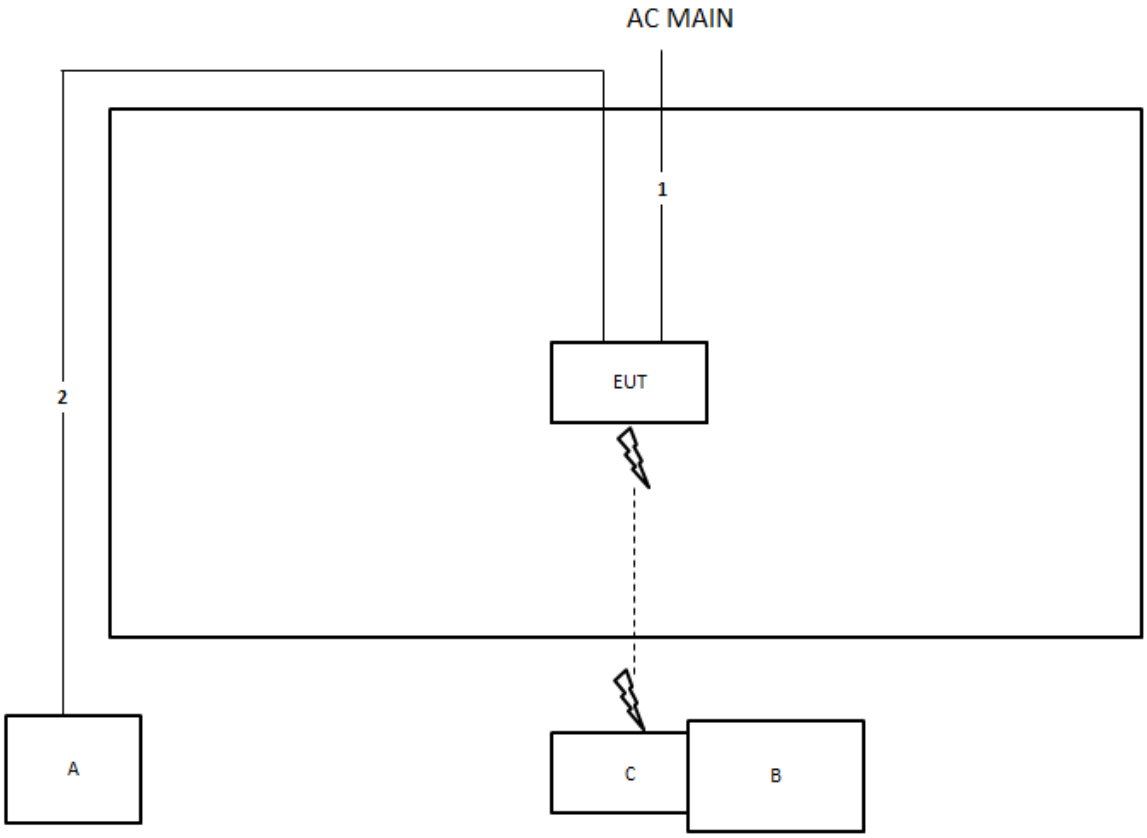
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m
3	RJ-45 cable*3	No	1m

Test Setup Diagram - Radiated Test
Below 1GHz and <Non-beamforming mode> Above 1GHz



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

Test Setup Diagram - Radiated Test
<Beamforming mode> Above 1GHz



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

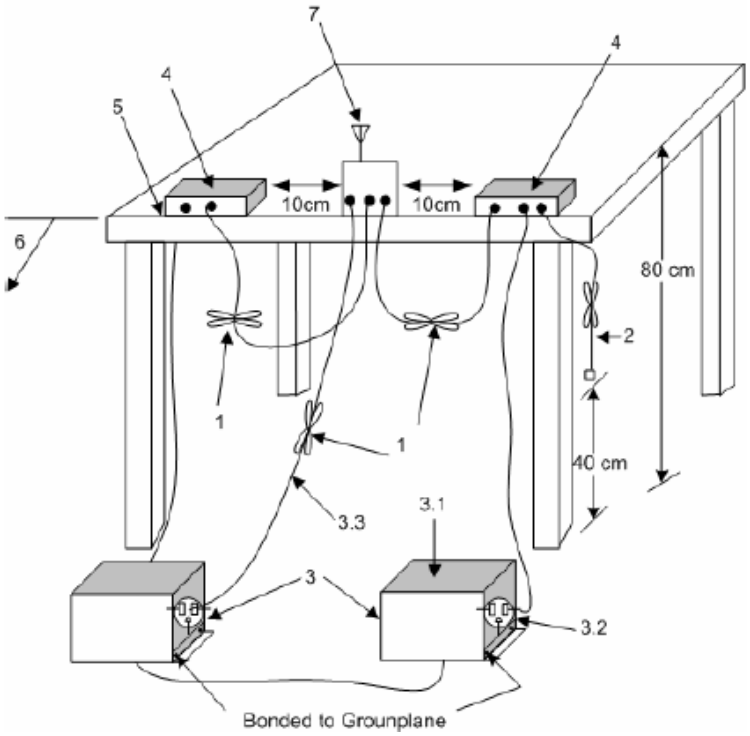
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

a. Corrected Reading (dBuV) = LISN Factor + Cable Loss + Read Level = Level

b. Margin = - Limit + (Read Level + LISN Factor + Cable Loss)

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit
UNII Devices
☒ 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
RLAN 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

3.2.2 Measuring Instruments

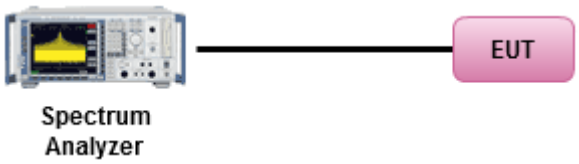
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
	☒ According to FCC 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.
	☐ Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

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

3.3.1 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.
RLAN Devices	
☐	For the 5.925 ~ 7.125 GHz band:
	▪ For RLAN devices(Indoor) other than client devices < 30 dBm / occupied bandwidth.
	▪ For client devices(Indoor) < 24 dBm / occupied bandwidth.

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 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). Spectrum analyzer setting: RBW/VBW : 1/3MHz ; Detector : RMS ; Trace mode : Average ; Sweep Count 100.
	☐ 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: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☒ For radiated measurement.	
	▪ Refer as FCC KDB 789033 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) + LP(FSL factor)

where;
PR(dBm) : Power measurement level include antenna/cable loss
LP : Free Space Loss(dB)

PR Formula :
PR(dBm) = P Meas(dBm) – GR(dBi) + LC(dB)
where;
P Meas(dBm) : Power measurement level
GR(dBi) : Gain of the receive(measurement) antenna (dBi)
LC(dB) : Measurement cable loss (dB)

LP(FSL factor) Formula :
LP(dB)= 20 logF + 20 logD-27.54
where;
F(MHz) : EUT center frequency
D(m) : Measurement distance

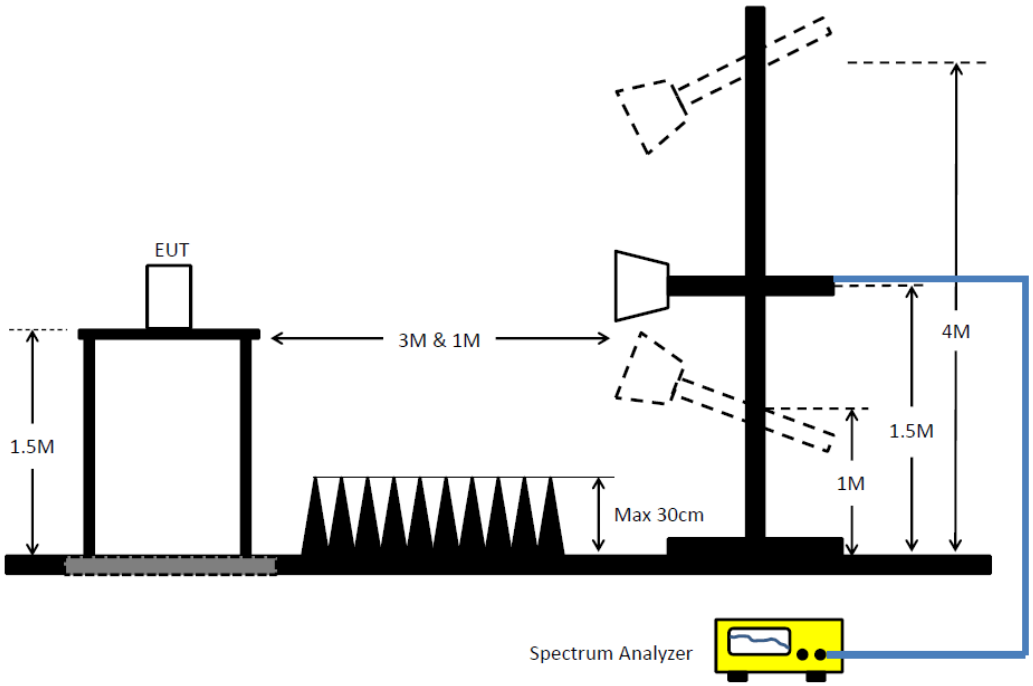
For Example:
Test mode HE20 Non BF 4T1S 6225MHz EIRP measurement
PR Formula :
PR(dBm)= -34.50 - 11.69 + 5.2 = -41.00

LP(FSL factor) Formula :
LP(dB) = 20log(5955) + 20log(3) -27.5= 57.93

EIRP Formula :
EIRP(dBm) = -41.00 + 57.93 = 16.93

3.3.4 Test Setup

Radiated Measurement



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

Refer as Appendix C

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

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

Peak Power Spectral Density (E.I.R.P.) Limit	
UNII Devices	
☒	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.
RLAN Devices	
☐	For the 5.925 ~ 7.125 GHz band:
	▪ For RLAN devices(Indoor) other than client devices < 5 dBm / MHz.
	▪ For client devices(Indoor) < -1 dBm / MHz.

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
▪ According to FCC 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: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$
☒ For radiated measurement.	
	▪ Refer as FCC KDB 789033 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.

Test Method	
	▪ 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) = PR(dBm/MHz) + LP(FSL factor)
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 logF + 20 logD-27.54
where;
F(MHz) : EUT center frequency
D(m) : Measurement distance

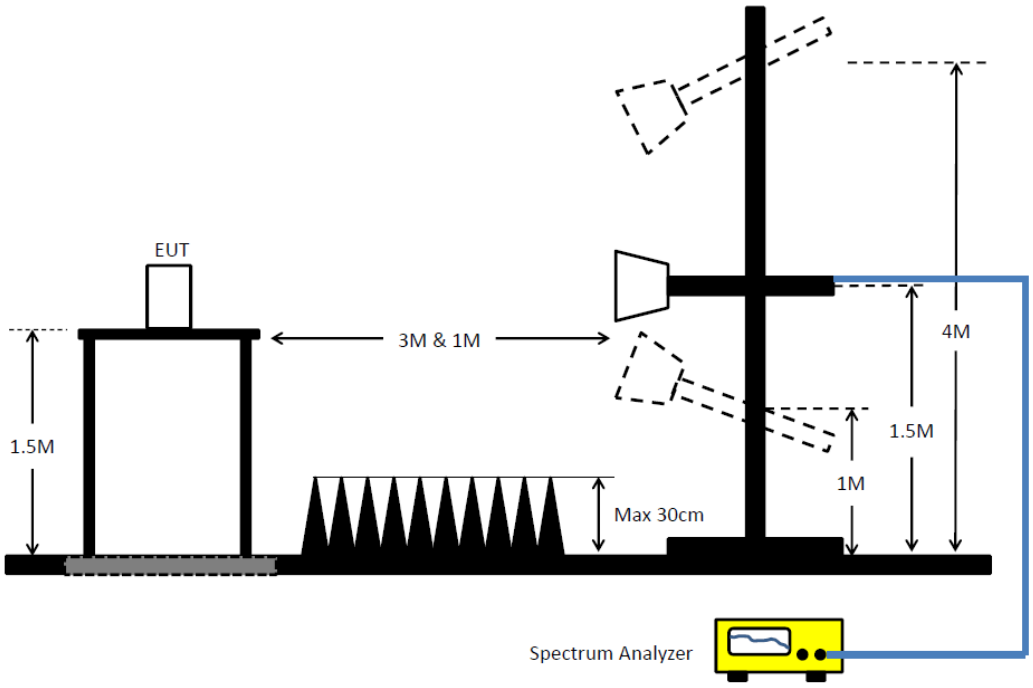
For Example:
Test mode HE20 Non BF 4T1S 6225MHz EIRP PSD measurement
PR Formula :
PR(dBm/MHz)= -46.46 – 11.74 + 5.2 = -53.00

LP(FSL factor) Formula :
LP(dB) = 20log(5953.5) + 20log(3) -27.5 = 57.97

EIRP PSD Formula
EIRP PSD(dBm/MHz) = -53.00 + 57.97= 4.97

3.4.4 Test Setup

Radiated Measurement



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

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

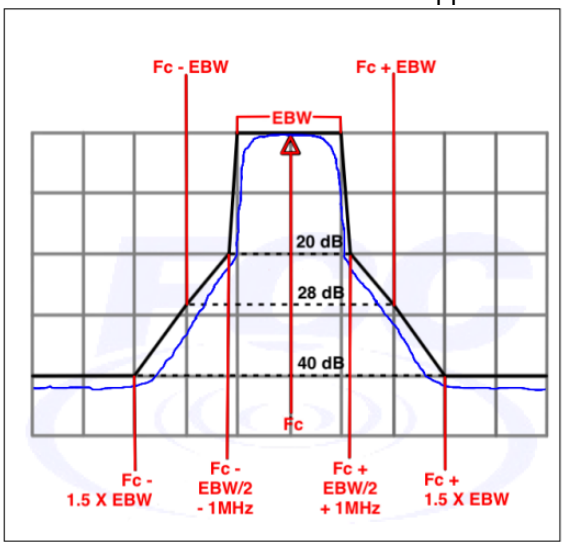
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216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

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

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

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m(20 x log (standard distance/ test distance) = 20log(3/1) = 9.54dB.
EX. Above 18GHz emission limit calculation (3m to 1m) = 54dBuV/m at 3m + 9.54dB = 63.54 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 x log (standard distance/ test distance) = 20log(3/1) = 9.54dB. EX. Above 18GHz emission limit calculation (3m to 1m) = 68.2dBuV/m at 3m + 9.54dB = 77.74 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. 

3.5.2 Measuring Instruments

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

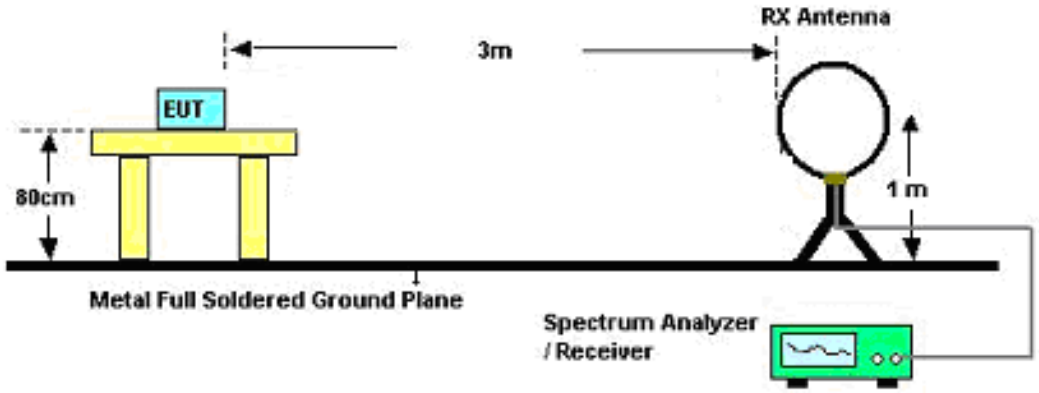
3.5.3 Test Procedures

Test Method
▪ According to FCC 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 ≥ 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 ≥ 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.
▪ Refer as FCC KDB 789033 D02, clause G)3)d)ii) for Band edge Integration measurements.
▪ For emission MASK shall be measured using following options below:
☒ Refer as FCC 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.

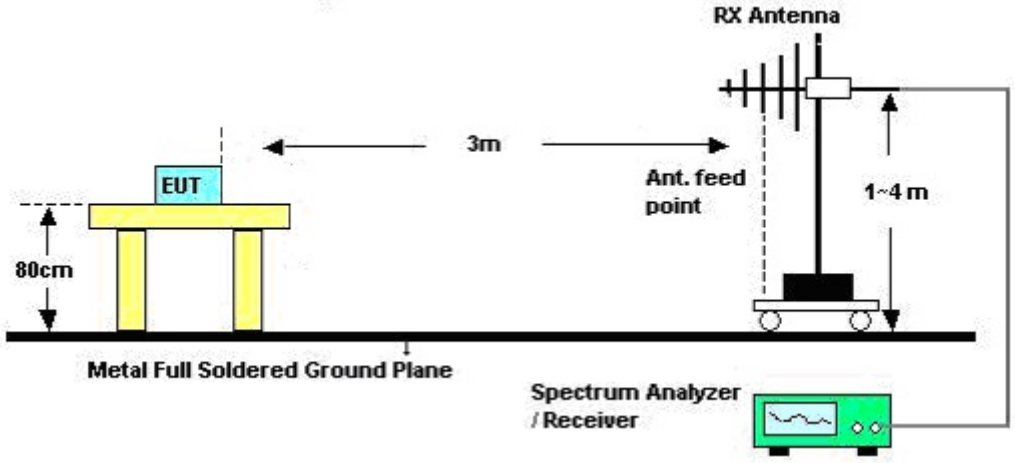
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

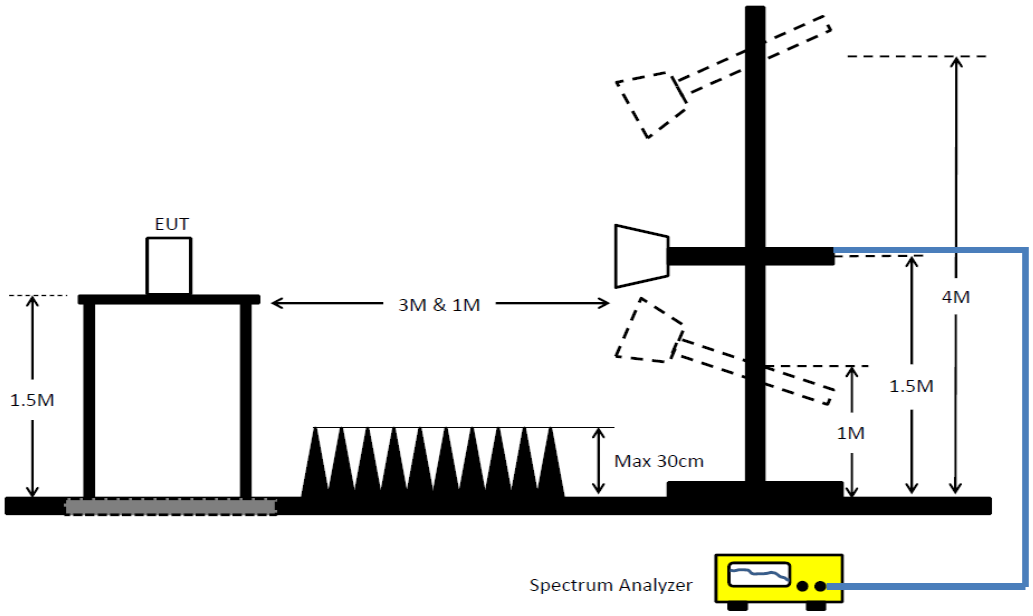
9kHz ~30MHz



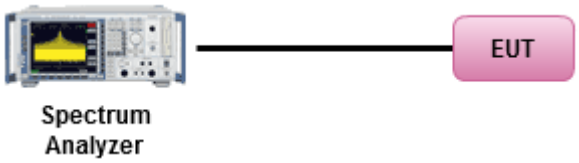
30MHz~1GHz



Above 1GHz



Emission MASK



3.5.5 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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Contention Based Protocol

3.6.1 Contention Based Protocol Limit

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

3.6.2 Measuring Instruments

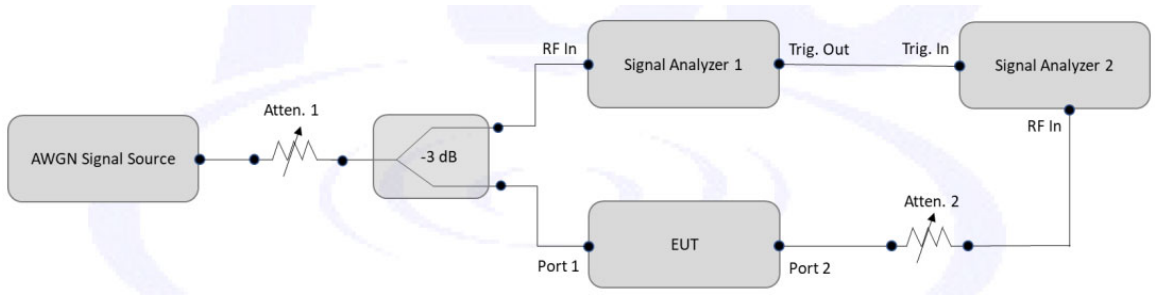
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

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

3.6.4 Test Setup

Contention Based Protocol



3.6.5 Test Result of Contention Based Protocol

Refer as Appendix F

3.7 Frequency Stability

3.7.1 Frequency Stability Limit

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

3.7.2 Measuring Instruments

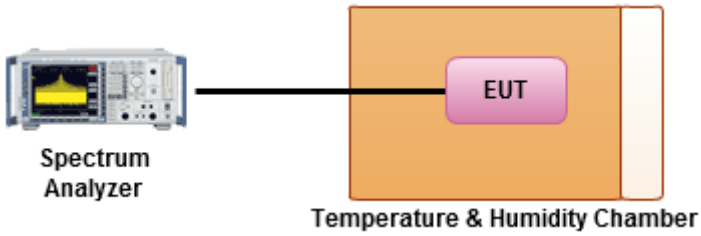
Refer a test equipment and calibration data table in this test report.

3.7.3 Test Procedures

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

3.7.4 Test Setup

Frequency Stability



3.7.5 Test Result of Frequency Stability

Refer as Appendix G

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 18, 2022	Oct. 17, 2023	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 03, 2022	Aug. 02, 2023	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 07, 2021	Nov. 06, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 06, 2022	Nov. 05, 2023	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 25, 2022	Mar. 24, 2023	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 23, 2022	Jun. 22, 2023	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBEAK	BBHA9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 26, 2022	Apr. 25, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	Aug. 23 2022	Aug. 22 2023	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Mar. 14, 2022	Mar. 13, 2023	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 06, 2022	May 05, 2023	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 23, 2022	Jun. 22, 2023	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBEAK	BBHA9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 19, 2022	May 18, 2023	Radiation (03CH01-CB)
Pre-Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	Aug. 23 2022	Aug. 22 2023	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 06, 2022	May 05, 2023	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 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	03CH03-CB	1GHz ~18GHz 3m	May 05, 2022	May 04, 2023	Radiation (03CH03-CB)
Horn Antenna	ETS・Lindgren	3115	6821	750MHz~18GHz	Jan. 21, 2022	Jan. 20, 2023	Radiation (03CH03-CB)
Horn Antenna	SCHWARZBEAK	BBHA9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH03-CB)
Pre-Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	Aug. 23 2022	Aug. 22 2023	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 10, 2022	Jun. 09, 2023	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH03-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jun. 23, 2022	Jun. 22, 2023	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBEAK	BBHA9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH04-CB)
Pre-Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	Aug. 23 2022	Aug. 22 2023	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 28, 2022	Mar. 27, 2023	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 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	Jan. 07, 2022	Jan. 06, 2023	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1531344	300MHz~40GHz	Jul. 31, 2022	Jul. 30, 2023	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1728002	300MHz~40GHz	Jul. 31, 2022	Jul. 30, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 GHz –26.5 GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)
Spectrum Analyzer	R&S	FSV40	101026	9kHz~40GHz	Dec. 07, 2021	Dec. 06, 2022	Conducted (DF01-CB)
Vector Signal generator	R&S	SMW200A	109426	100kHz- 7.5GHz	Dec. 28, 2021	Dec. 27, 2022	Conducted (DF01-CB)
RF Power Divider	MTJ	2 Way	DF01-DV-03	1GHz ~ 8GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (DF01-CB)
RF Power Divider	MTJ	2 Way	DF01-DV-02	1GHz ~ 8GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (DF01-CB)

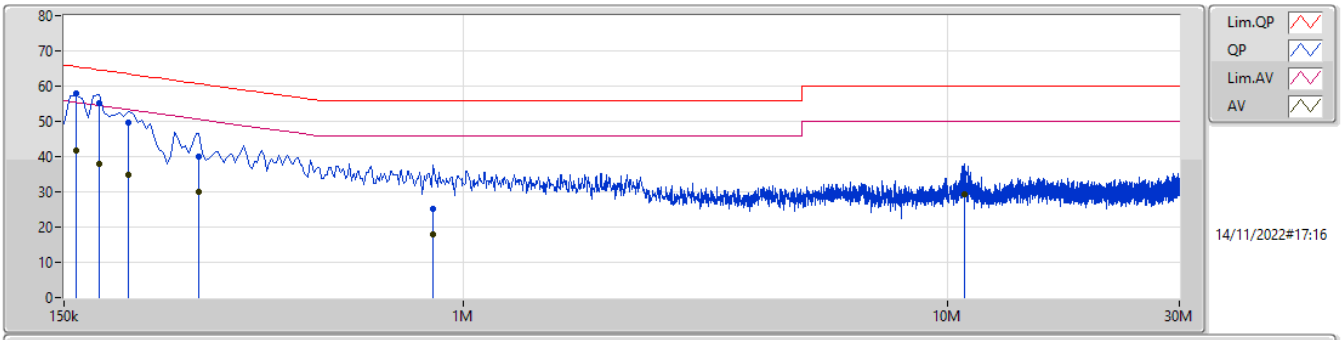
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Summary

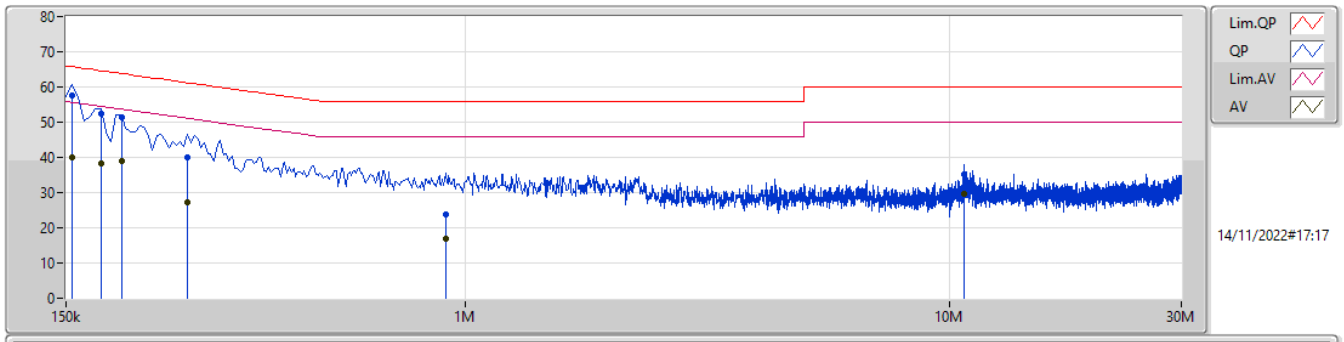
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	QP	159k	57.79	65.52	-7.73	Line

Mode 3



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	159k	57.79	65.52	-7.73	9.99	Line	"Worst"	47.80	0.06	0.04	9.89
AV	159k	41.59	55.52	-13.93	9.99	Line	-	31.60	0.06	0.04	9.89
QP	177k	55.12	64.62	-9.50	9.99	Line	-	45.13	0.06	0.04	9.89
AV	177k	38.05	54.62	-16.57	9.99	Line	-	28.06	0.06	0.04	9.89
QP	204k	49.60	63.44	-13.84	9.99	Line	-	39.61	0.06	0.04	9.89
AV	204k	34.88	53.44	-18.56	9.99	Line	-	24.89	0.06	0.04	9.89
QP	285k	39.91	60.67	-20.76	10.00	Line	-	29.91	0.06	0.05	9.89
AV	285k	29.84	50.67	-20.83	10.00	Line	-	19.84	0.06	0.05	9.89
QP	865.5k	25.03	56.00	-30.97	10.00	Line	-	15.03	0.07	0.04	9.89
AV	865.5k	17.89	46.00	-28.11	10.00	Line	-	7.89	0.07	0.04	9.89
QP	10.797M	35.11	60.00	-24.89	10.31	Line	-	24.80	0.23	0.16	9.92
AV	10.797M	29.33	50.00	-20.67	10.31	Line	-	19.02	0.23	0.16	9.92

Mode 3



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.5k	57.66	65.75	-8.09	10.00	Neutral	"Worst"	47.66	0.07	0.04	9.89
AV	154.5k	39.87	55.75	-15.88	10.00	Neutral	-	29.87	0.07	0.04	9.89
QP	177k	52.54	64.62	-12.08	10.00	Neutral	-	42.54	0.07	0.04	9.89
AV	177k	38.28	54.62	-16.34	10.00	Neutral	-	28.28	0.07	0.04	9.89
QP	195k	51.36	63.82	-12.46	10.00	Neutral	-	41.36	0.07	0.04	9.89
AV	195k	39.00	53.82	-14.82	10.00	Neutral	-	29.00	0.07	0.04	9.89
QP	267k	40.11	61.20	-21.09	10.01	Neutral	-	30.10	0.07	0.05	9.89
AV	267k	27.39	51.20	-23.81	10.01	Neutral	-	17.38	0.07	0.05	9.89
QP	910.5k	23.80	56.00	-32.20	10.01	Neutral	-	13.79	0.08	0.04	9.89
AV	910.5k	16.96	46.00	-29.04	10.01	Neutral	-	6.95	0.08	0.04	9.89
QP	10.698M	35.12	60.00	-24.88	10.32	Neutral	-	24.80	0.25	0.16	9.91
AV	10.698M	29.69	50.00	-20.31	10.32	Neutral	-	19.37	0.25	0.16	9.91

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	27.18M	19.189M	19M2D1D	21.81M	19.1M
802.11ax HEW40_Nss1,(MCS0)_4TX	43.56M	37.907M	37M9D1D	41.52M	37.79M
802.11ax HEW80_Nss1,(MCS0)_4TX	96.24M	77.577M	77M6D1D	82.2M	77.342M
802.11ax HEW160_Nss1,(MCS0)_4TX	226.08M	156.8M	157MD1D	166.56M	156.33M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	25.59M	19.189M	19M2D1D	22.53M	19.13M
802.11ax HEW40_Nss1,(MCS0)_4TX	44.4M	37.907M	37M9D1D	41.22M	37.841M
802.11ax HEW80_Nss1,(MCS0)_4TX	89.64M	77.577M	77M6D1D	84M	77.342M
802.11ax HEW160_Nss1,(MCS0)_4TX	247.38M	157.211M	157MD1D	166.53M	156.372M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	27.39M	19.25M	19M2D1D	21.81M	19.13M
802.11ax HEW40_Nss1,(MCS0)_4TX	43.5M	37.907M	37M9D1D	41.94M	37.841M
802.11ax HEW80_Nss1,(MCS0)_4TX	92.4M	77.695M	77M7D1D	82.92M	77.46M
802.11ax HEW160_Nss1,(MCS0)_4TX	242.16M	156.8M	157MD1D	166.74M	156.33M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	30.51M	19.218M	19M2D1D	23.01M	19.13M
802.11ax HEW40_Nss1,(MCS0)_4TX	47.04M	37.907M	37M9D1D	41.34M	37.79M
802.11ax HEW80_Nss1,(MCS0)_4TX	86.64M	77.577M	77M6D1D	82.56M	77.342M
802.11ax HEW160_Nss1,(MCS0)_4TX	195.84M	157.27M	157MD1D	166.32M	156.095M

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

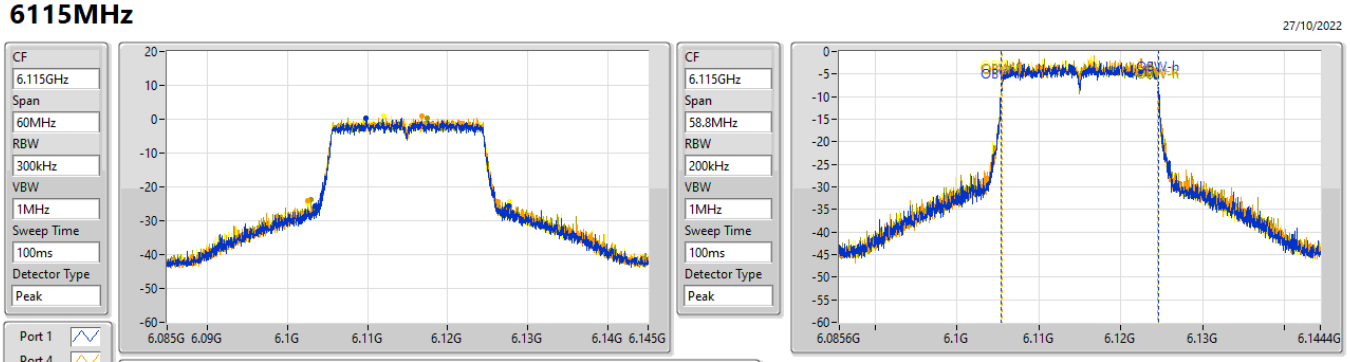
Result

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)	Port 5-N dB (Hz)	Port 5-OBW (Hz)	Port 6-N dB (Hz)	Port 6-OBW (Hz)	Port 7-N dB (Hz)	Port 7-OBW (Hz)	Port 8-N dB (Hz)	Port 8-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6115MHz	Pass	Inf	24.12M	19.189M	-	-	-	-	23.79M	19.1M	-	-	24.81M	19.159M	-	-	25.08M	19.13M
6255MHz	Pass	Inf	23.58M	19.13M	-	-	-	-	26.34M	19.189M	-	-	24.15M	19.159M	-	-	21.81M	19.159M
6415MHz	Pass	Inf	26.28M	19.189M	-	-	-	-	24.21M	19.189M	-	-	22.41M	19.159M	-	-	27.18M	19.159M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6435MHz	Pass	Inf	25.59M	19.159M	-	-	-	-	23.1M	19.159M	23.31M	19.13M	-	-	25.41M	19.13M	-	-
6475MHz	Pass	Inf	23.49M	19.159M	-	-	-	-	23.73M	19.189M	23.43M	19.13M	-	-	22.86M	19.159M	-	-
6515MHz	Pass	Inf	24.15M	19.159M	-	-	-	-	24.03M	19.159M	22.53M	19.159M	-	-	24.9M	19.159M	-	-
6535MHz	Pass	Inf	22.17M	19.159M	-	-	-	-	24.15M	19.189M	22.35M	19.159M	-	-	27.21M	19.159M	-	-
6695MHz	Pass	Inf	26.73M	19.159M	-	-	-	-	24.33M	19.159M	21.81M	19.159M	-	-	23.64M	19.189M	-	-
6855MHz	Pass	Inf	26.07M	19.189M	-	-	-	-	23.52M	19.189M	26.1M	19.13M	-	-	24.03M	19.189M	-	-
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	26.91M	19.19M	-	-	-	-	23.16M	19.25M	27.39M	19.16M	-	-	25.41M	19.13M	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6895MHz	Pass	Inf	24.33M	19.159M	-	-	-	-	25.98M	19.218M	23.76M	19.189M	-	-	-	-	23.64M	19.189M
6995MHz	Pass	Inf	23.94M	19.159M	-	-	-	-	25.17M	19.218M	26.58M	19.218M	-	-	-	-	25.98M	19.218M
7095MHz	Pass	Inf	23.04M	19.13M	-	-	-	-	24.75M	19.218M	24.99M	19.189M	-	-	-	-	24.06M	19.159M
7115MHz	Pass	Inf	24.72M	19.159M	-	-	-	-	23.01M	19.159M	26.46M	19.189M	-	-	-	-	30.51M	19.159M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6125MHz	Pass	Inf	42.66M	37.848M	-	-	-	-	43.2M	37.848M			41.7M	37.848M	-	-	42.6M	37.848M
6245MHz	Pass	Inf	43.56M	37.848M	-	-	-	-	41.88M	37.79M			41.52M	37.848M	-	-	42.9M	37.848M
6405MHz	Pass	Inf	42.12M	37.907M					41.94M	37.848M			41.64M	37.79M	-	-	42.36M	37.907M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6445MHz	Pass	Inf	41.7M	37.907M	-	-	-	-	44.22M	37.907M	42.48M	37.907M	-	-	42.18M	37.848M	-	-
6485MHz	Pass	Inf	43.2M	37.848M	-	-	-	-	41.22M	37.848M	44.4M	37.848M	-	-	42.84M	37.848M	-	-
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	42.36M	37.901M	-	-	-	-	42.36M	37.841M	42.24M	37.841M	-	-	43.02M	37.841M	-	-
6565MHz	Pass	Inf	43.38M	37.848M	-	-	-	-	42.72M	37.848M	42.06M	37.848M	-	-	42.6M	37.848M	-	-
6685MHz	Pass	Inf	43.5M	37.848M	-	-	-	-	42.12M	37.848M	42.84M	37.848M	-	-	43.44M	37.848M	-	-
6845MHz	Pass	Inf	42.6M	37.848M	-	-	-	-	42.84M	37.907M	42.36M	37.848M	-	-	42.24M	37.848M	-	-
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	41.94M	37.841M	-	-	-	-	42.06M	37.841M	42.12M	37.901M	-	-	42.12M	37.901M	-	-
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6925MHz	Pass	Inf	42.84M	37.907M	-	-	-	-	43.2M	37.848M	43.92M	37.907M	-	-	-	-	42.6M	37.848M
7005MHz	Pass	Inf	43.38M	37.848M	-	-	-	-	41.34M	37.848M	46.86M	37.848M	-	-	-	-	41.64M	37.848M
7085MHz	Pass	Inf	46.74M	37.79M	-	-	-	-	45.78M	37.848M	47.04M	37.907M	-	-	-	-	41.82M	37.848M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6145MHz	Pass	Inf	84.36M	77.577M	-	-	-	-	86.64M	77.342M	-	-	82.2M	77.342M	-	-	87.24M	77.577M
6225MHz	Pass	Inf	96.24M	77.577M	-	-	-	-	84.24M	77.342M	-	-	84.12M	77.342M	-	-	83.4M	77.577M
6385MHz	Pass	Inf	86.28M	77.46M	-	-	-	-	85.92M	77.46M	-	-	83.76M	77.342M	-	-	87.48M	77.342M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6465MHz	Pass	Inf	86.4M	77.342M	-	-	-	-	87.84M	77.577M	87.72M	77.46M	-	-	89.64M	77.46M	-	-
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	89.52M	77.481M	-	-	-	-	84M	77.361M	86.76M	77.481M	-	-	84.12M	77.481M	-	-
6625MHz	Pass	Inf	86.04M	77.46M	-	-	-	-	87.48M	77.577M	84.96M	77.46M	-	-	92.28M	77.46M	-	-
6705MHz	Pass	Inf	85.08M	77.695M	-	-	-	-	84.6M	77.46M	87.36M	77.46M	-	-	86.28M	77.46M	-	-
6785MHz	Pass	Inf	82.92M	77.577M	-	-	-	-	86.28M	77.46M	86.28M	77.46M	-	-	86.64M	77.46M	-	-
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	85.08M	77.601M	-	-	-	-	92.4M	77.601M	84.6M	77.601M	-	-	88.44M	77.601M	-	-
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6945MHz	Pass	Inf	85.56M	77.342M	-	-	-	-	83.76M	77.342M	86.64M	77.342M	-	-	-	-	84.6M	77.577M
7025MHz	Pass	Inf	84.36M	77.46M	-	-	-	-	82.56M	77.46M	83.4M	77.46M	-	-	-	-	85.56M	77.46M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6185MHz	Pass	Inf	167.04M	156.33M	-	-	-	-	166.56M	156.565M	-	-	167.52M	156.565M	-	-	167.76M	156.8M
6345MHz	Pass	Inf	167.28M	156.565M	-	-	-	-	168M	156.565M	-	-	168M	156.565M	-	-	226.08M	156.8M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6505MHz Straddle 6.425-6.525GHz	Pass	Inf	166.53M	156.582M	-	-	-	-	239.82M	157.001M	167.58M	156.372M	-	-	247.38M	157.211M	-	-
6665MHz	Pass	Inf	167.04M	156.8M	-	-	-	-	242.16M	156.8M	167.28M	156.33M	-	-	226.56M	156.8M	-	-
6825MHz Straddle 6.525-6.875GHz	Pass	Inf	221.55M	156.792M	-	-	-	-	166.74M	156.582M	167.16M	156.372M	-	-	166.95M	156.792M	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6985MHz	Pass	Inf	195.84M	157.27M	-	-	-	-	166.32M	156.33M	167.04M	156.095M	-	-	-	-	167.04M	156.565M

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

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

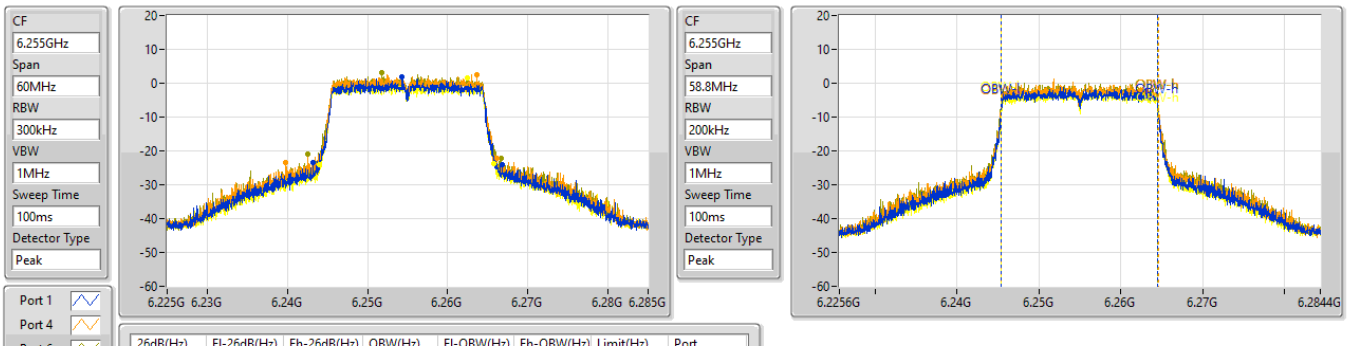
6115MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.12M	6.10348G	6.1276G	19.189M	6.10542G	6.124609G	Inf	1
23.79M	6.10252G	6.12631G	19.1M	6.10545G	6.12455G	Inf	4
24.81M	6.10294G	6.12775G	19.159M	6.10542G	6.12458G	Inf	6
25.08M	6.10258G	6.12766G	19.13M	6.10542G	6.12455G	Inf	8

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

6255MHz

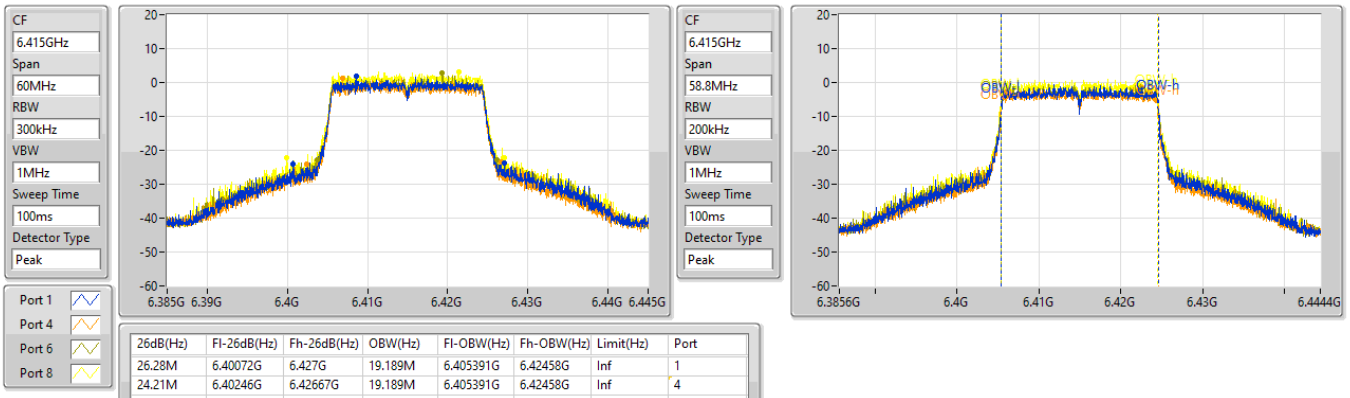


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.58M	6.24321G	6.26679G	19.13M	6.24542G	6.26455G	Inf	1
26.34M	6.23979G	6.26613G	19.189M	6.245391G	6.26458G	Inf	4
24.15M	6.24252G	6.26667G	19.159M	6.245391G	6.26455G	Inf	6
21.81M	6.24399G	6.2658G	19.159M	6.24542G	6.26458G	Inf	8

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

6415MHz

27/10/2022

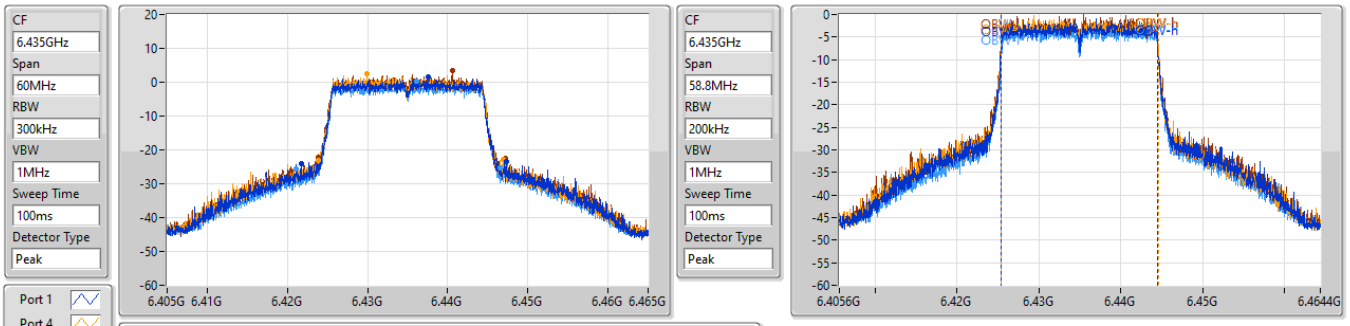


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.28M	6.40072G	6.427G	19.189M	6.405391G	6.42458G	Inf	1
24.21M	6.40246G	6.42667G	19.189M	6.405391G	6.42458G	Inf	4
22.41M	6.40369G	6.4261G	19.159M	6.40542G	6.42458G	Inf	6
27.18M	6.39985G	6.42703G	19.159M	6.405391G	6.42455G	Inf	8

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

6435MHz

27/10/2022

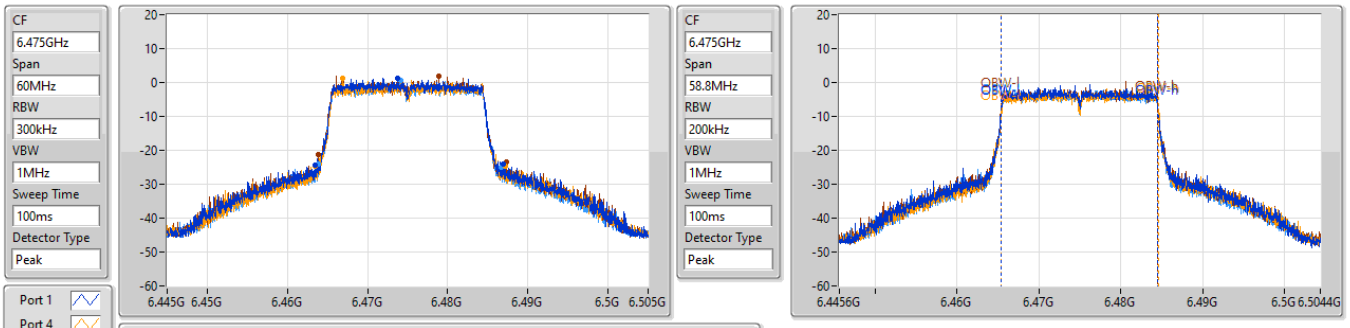


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.59M	6.42171G	6.4473G	19.159M	6.425391G	6.44455G	Inf	1
23.1M	6.42381G	6.44691G	19.159M	6.42542G	6.44458G	Inf	4
23.31M	6.42384G	6.44715G	19.13M	6.42542G	6.44455G	Inf	5
25.41M	6.42108G	6.44649G	19.13M	6.42542G	6.44455G	Inf	7

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

6475MHz

27/10/2022

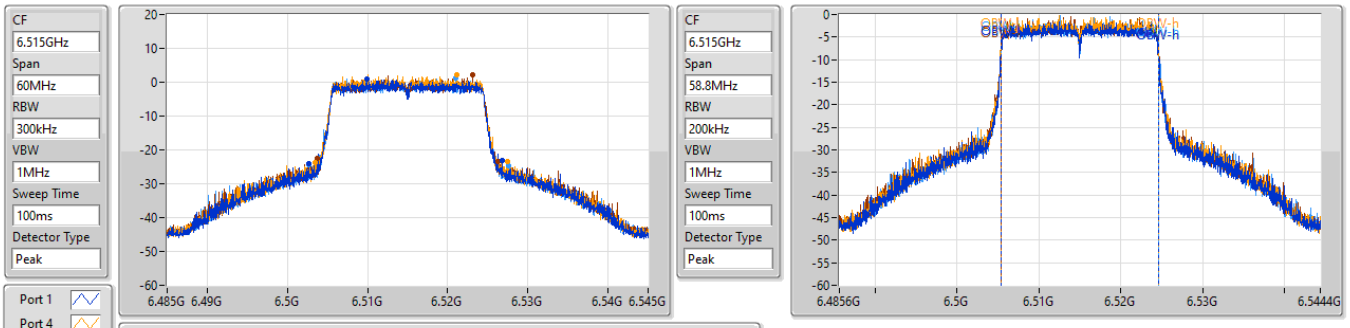


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.49M	6.46342G	6.48691G	19.159M	6.465391G	6.48455G	Inf	1
23.73M	6.46351G	6.48724G	19.189M	6.46542G	6.484609G	Inf	4
23.43M	6.46384G	6.48727G	19.13M	6.46542G	6.48455G	Inf	5
22.86M	6.46384G	6.4867G	19.159M	6.46542G	6.48458G	Inf	7

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

6515MHz

28/10/2022

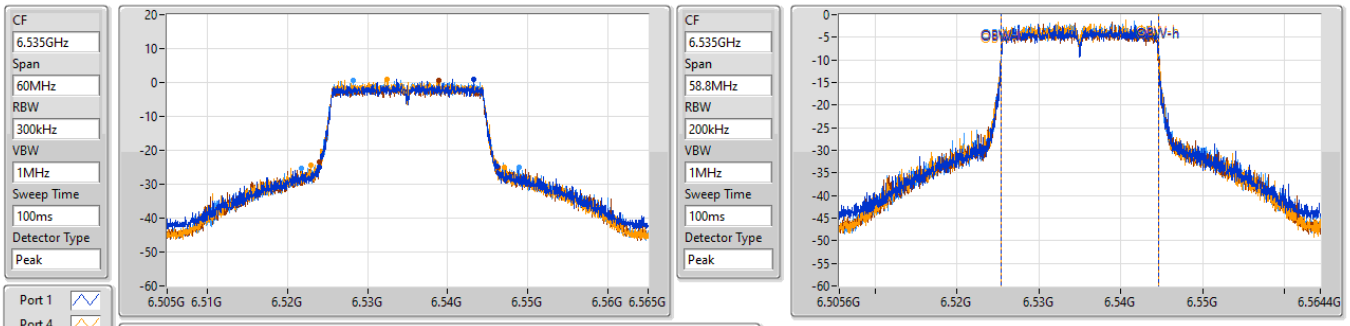


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.15M	6.50267G	6.52682G	19.159M	6.50542G	6.52458G	Inf	1
24.03M	6.50348G	6.52751G	19.159M	6.50542G	6.52458G	Inf	4
22.53M	6.50372G	6.52625G	19.159M	6.50542G	6.52458G	Inf	5
24.9M	6.5027G	6.5276G	19.159M	6.50542G	6.52458G	Inf	7

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

6535MHz

28/10/2022

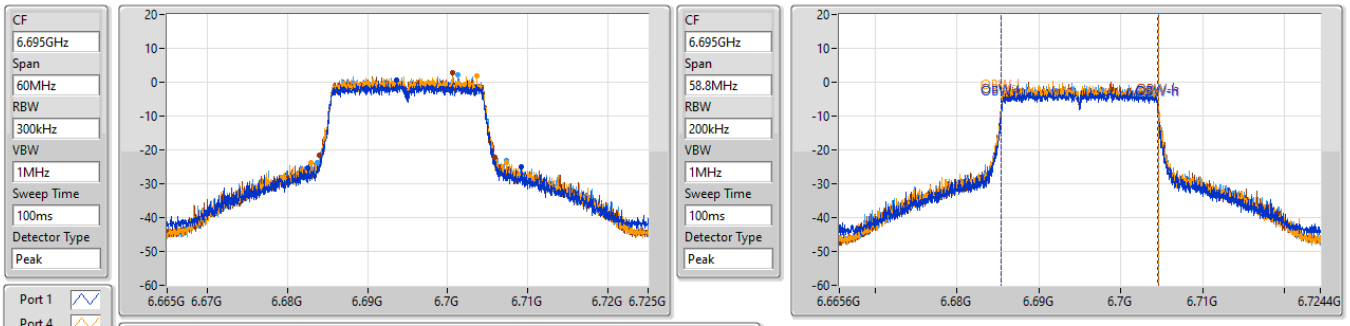


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.17M	6.52393G	6.5461G	19.159M	6.52542G	6.54458G	Inf	1
24.15M	6.52291G	6.54706G	19.189M	6.525391G	6.54458G	Inf	4
22.35M	6.52396G	6.54631G	19.159M	6.52542G	6.54458G	Inf	5
27.21M	6.52174G	6.54895G	19.159M	6.52542G	6.54458G	Inf	7

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

6695MHz

28/10/2022

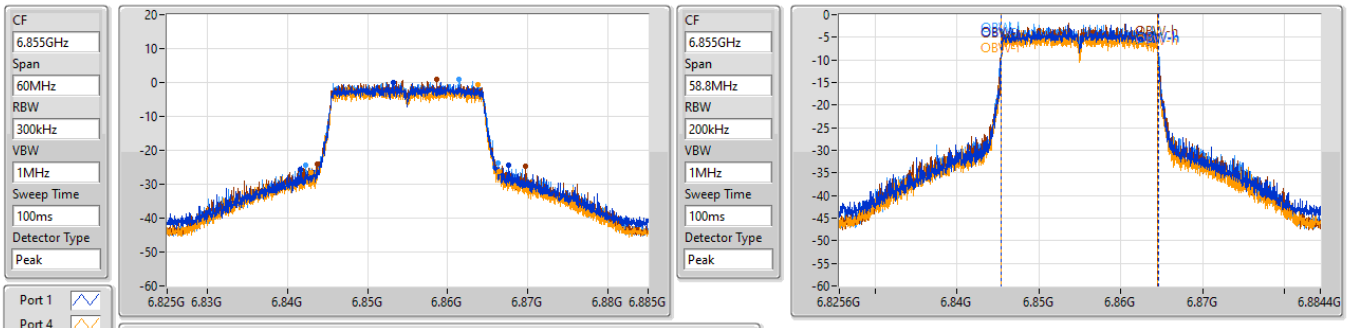


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.73M	6.68249G	6.70922G	19.159M	6.685391G	6.70455G	Inf	1
24.33M	6.68294G	6.70727G	19.159M	6.68542G	6.70458G	Inf	4
21.81M	6.68405G	6.70586G	19.159M	6.68542G	6.70458G	Inf	5
23.64M	6.68369G	6.70733G	19.189M	6.685391G	6.70458G	Inf	7

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX EBW

6855MHz

28/10/2022

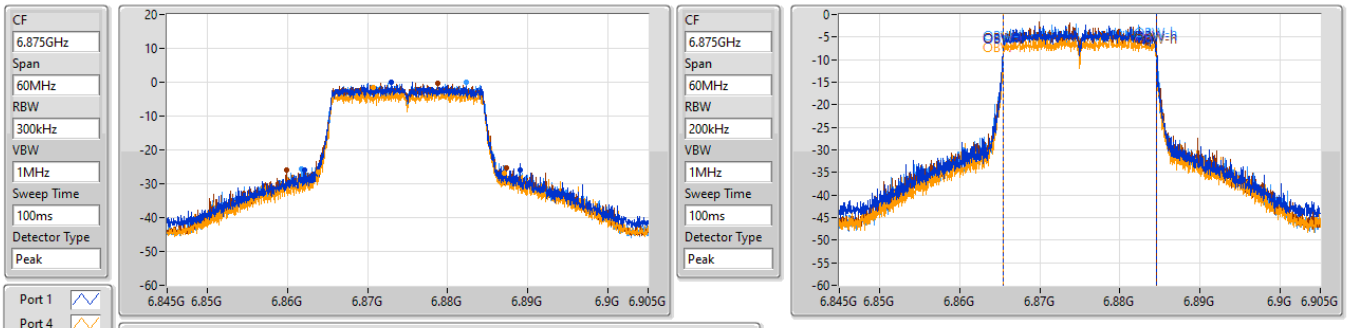


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.07M	6.84156G	6.86763G	19.189M	6.845391G	6.86458G	Inf	1
23.52M	6.84294G	6.86646G	19.189M	6.845362G	6.86455G	Inf	4
26.1M	6.84366G	6.86976G	19.13M	6.845391G	6.864521G	Inf	5
24.03M	6.84231G	6.86634G	19.189M	6.845391G	6.86458G	Inf	7

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX EBW

6875MHz Straddle 6.525-6.875GHz

28/10/2022

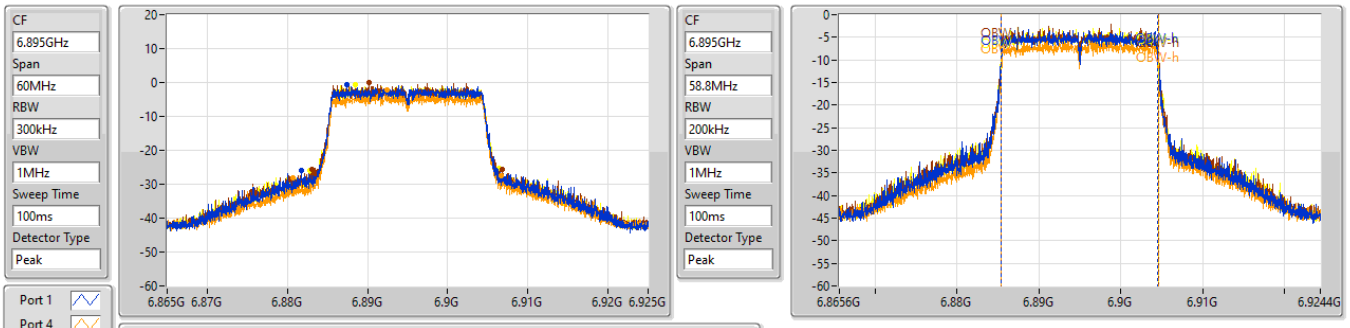


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.91M	6.86219G	6.8891G	19.19M	6.865375G	6.884565G	Inf	1
23.16M	6.86387G	6.88703G	19.25M	6.865375G	6.884625G	Inf	4
27.39M	6.85991G	6.8873G	19.16M	6.865405G	6.884565G	Inf	5
25.41M	6.86177G	6.88718G	19.13M	6.865405G	6.884535G	Inf	7

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

6895MHz

28/10/2022

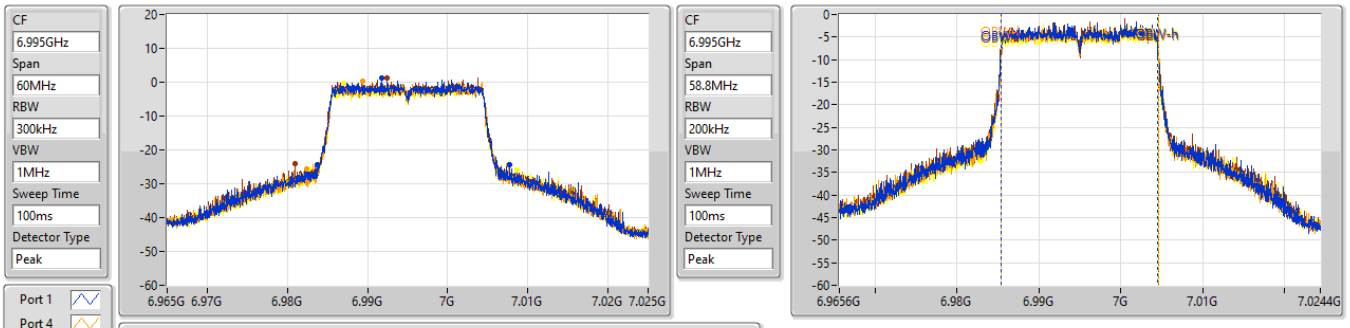


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.33M	6.88174G	6.90607G	19.159M	6.885391G	6.90455G	Inf	1
25.98M	6.88072G	6.9067G	19.218M	6.885391G	6.904609G	Inf	4
23.76M	6.88309G	6.90685G	19.189M	6.885391G	6.90458G	Inf	5
23.64M	6.88282G	6.90646G	19.189M	6.885391G	6.90458G	Inf	8

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

6995MHz

28/10/2022

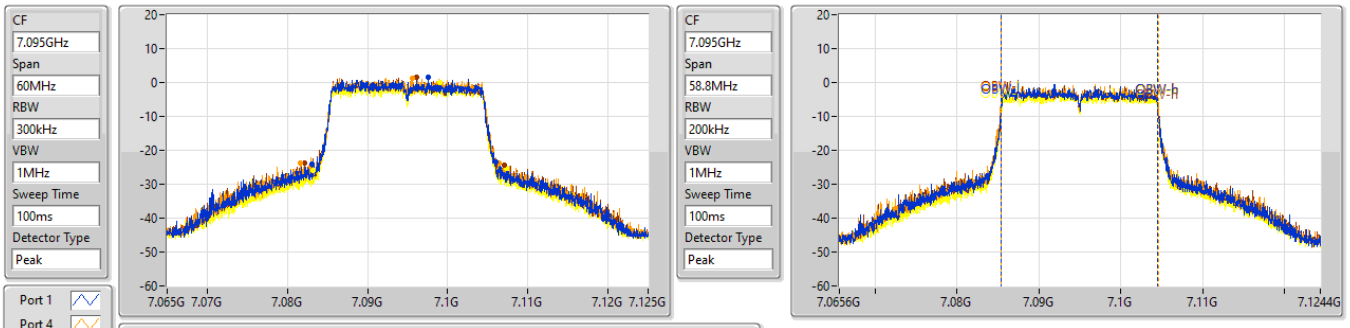


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.94M	6.98378G	7.00772G	19.159M	6.985391G	7.00455G	Inf	1
25.17M	6.98246G	7.00763G	19.218M	6.985391G	7.004609G	Inf	4
26.58M	6.98096G	7.00754G	19.218M	6.985362G	7.00458G	Inf	5
25.98M	6.98273G	7.00871G	19.218M	6.985391G	7.004609G	Inf	8

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

7095MHz

28/10/2022

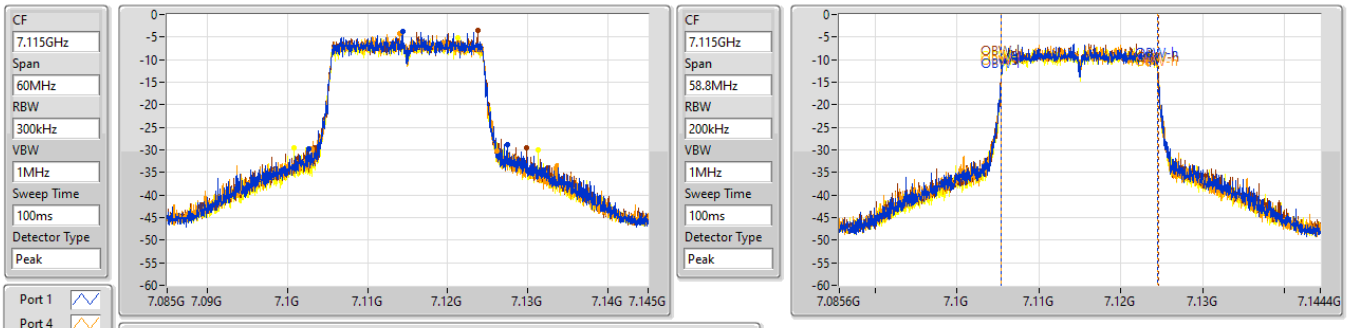


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.04M	7.083G	7.10604G	19.13M	7.085391G	7.104521G	Inf	1
24.75M	7.08168G	7.10643G	19.218M	7.085362G	7.10458G	Inf	4
24.99M	7.08213G	7.10712G	19.189M	7.085362G	7.10455G	Inf	5
24.06M	7.08321G	7.10727G	19.159M	7.085391G	7.10455G	Inf	8

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

7115MHz

28/10/2022

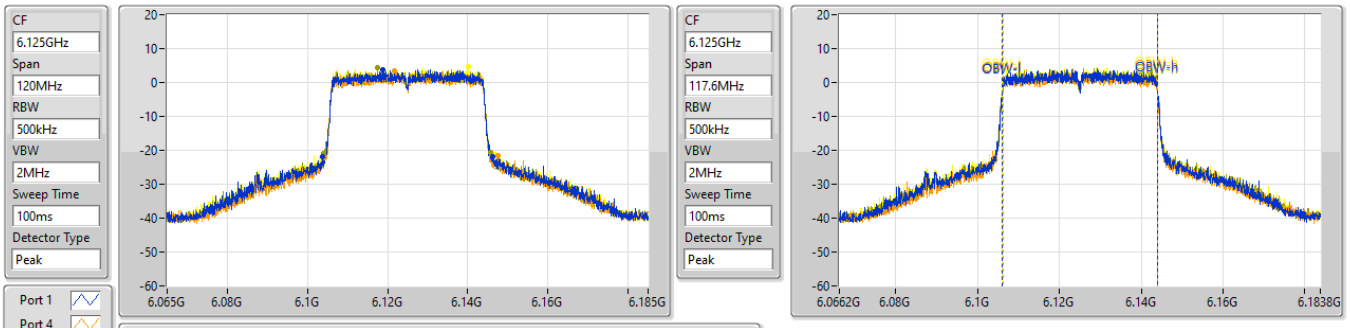


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.72M	7.10273G	7.12745G	19.159M	7.105391G	7.12455G	Inf	1
23.01M	7.10312G	7.12613G	19.159M	7.105391G	7.12455G	Inf	4
26.46M	7.10336G	7.12982G	19.189M	7.105391G	7.12458G	Inf	5
30.51M	7.10081G	7.13132G	19.159M	7.10542G	7.12458G	Inf	8

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

6125MHz

27/10/2022

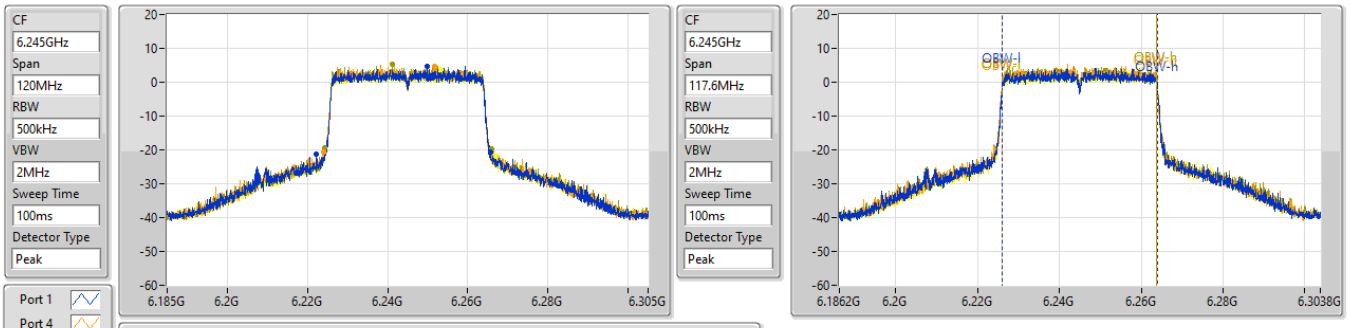


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.66M	6.10364G	6.1463G	37.848M	6.106076G	6.143924G	Inf	1
43.2M	6.10442G	6.14762G	37.848M	6.106135G	6.143983G	Inf	4
41.7M	6.104G	6.1457G	37.848M	6.106076G	6.143924G	Inf	6
42.6M	6.10406G	6.14666G	37.848M	6.106076G	6.143924G	Inf	8

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

6245MHz

27/10/2022

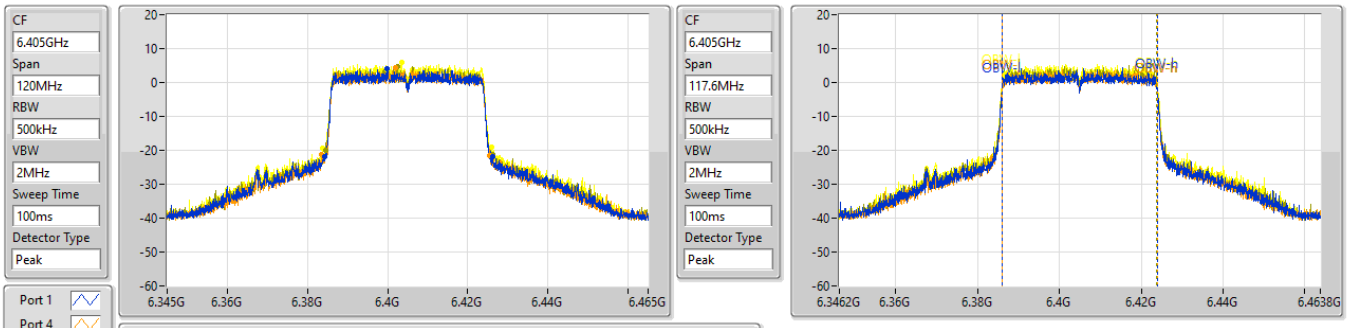


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.56M	6.2222G	6.26576G	37.848M	6.226076G	6.263924G	Inf	1
41.88M	6.22412G	6.266G	37.79M	6.226076G	6.263865G	Inf	4
41.52M	6.22442G	6.26594G	37.848M	6.226017G	6.263865G	Inf	6
42.9M	6.22406G	6.26696G	37.848M	6.226076G	6.263924G	Inf	8

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

6405MHz

27/10/2022

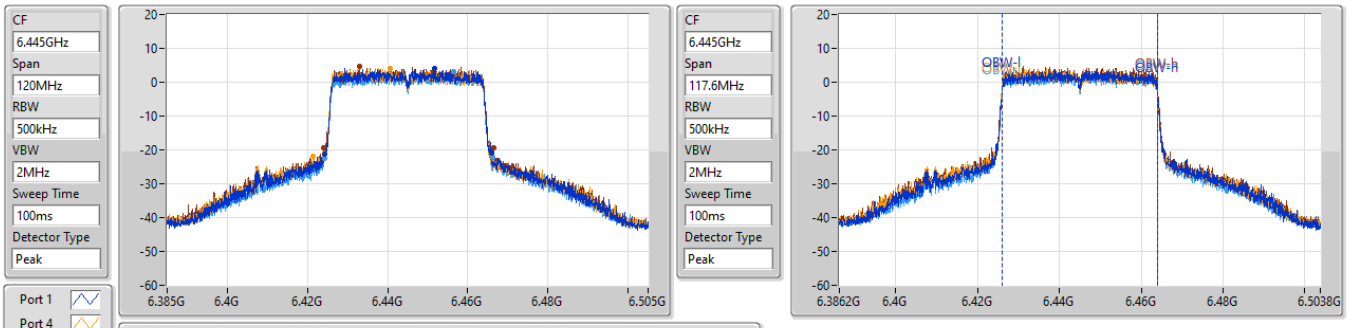


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.12M	6.38424G	6.42636G	37.907M	6.386017G	6.423924G	Inf	1
41.94M	6.38358G	6.42552G	37.848M	6.386076G	6.423924G	Inf	4
41.64M	6.38448G	6.42612G	37.79M	6.386076G	6.423865G	Inf	6
42.36M	6.3837G	6.42606G	37.907M	6.386017G	6.423924G	Inf	8

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

6445MHz

28/10/2022

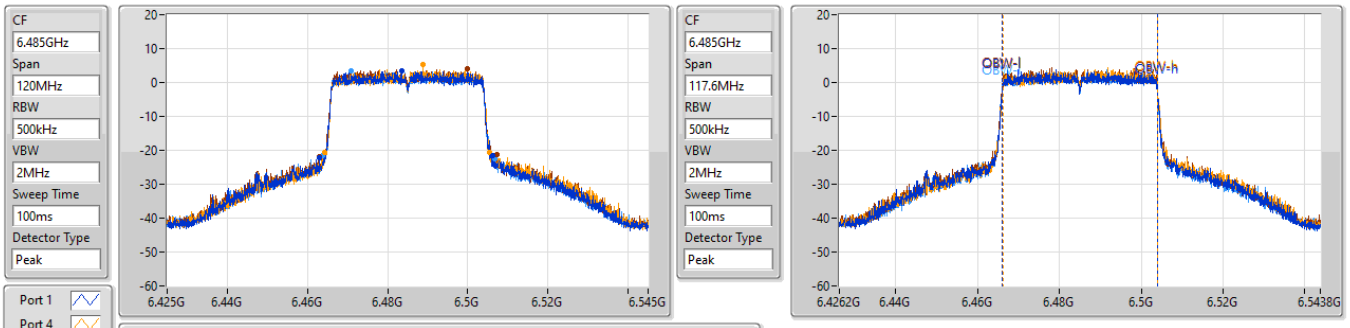


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.7M	6.42418G	6.46588G	37.907M	6.426017G	6.463924G	Inf	1
44.22M	6.42136G	6.46558G	37.907M	6.426017G	6.463924G	Inf	4
42.48M	6.424G	6.46648G	37.907M	6.426017G	6.463924G	Inf	5
42.18M	6.42418G	6.46636G	37.848M	6.426076G	6.463924G	Inf	7

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

6485MHz

28/10/2022

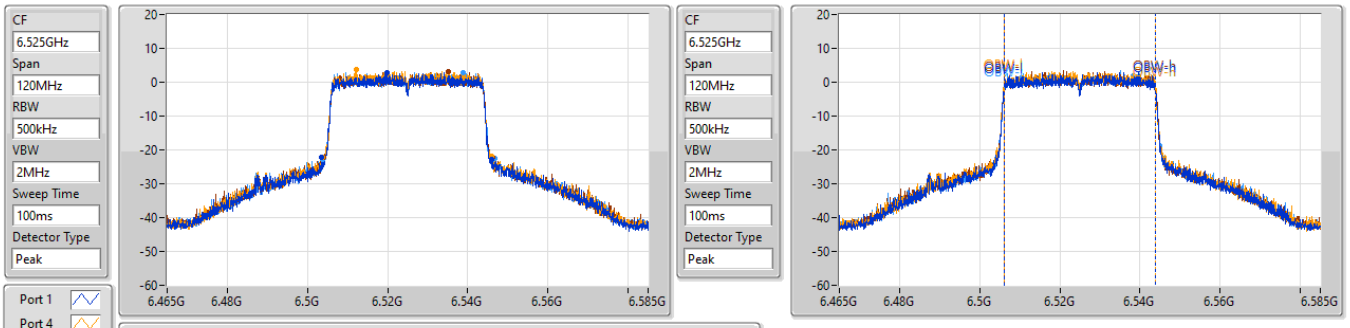


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.2M	6.46304G	6.50624G	37.848M	6.466076G	6.503924G	Inf	1
41.22M	6.4643G	6.50552G	37.848M	6.466135G	6.503983G	Inf	4
44.4M	6.46298G	6.50738G	37.848M	6.466076G	6.503924G	Inf	5
42.84M	6.46382G	6.50666G	37.848M	6.466076G	6.503924G	Inf	7

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

6525MHz Straddle 6.425-6.525GHz

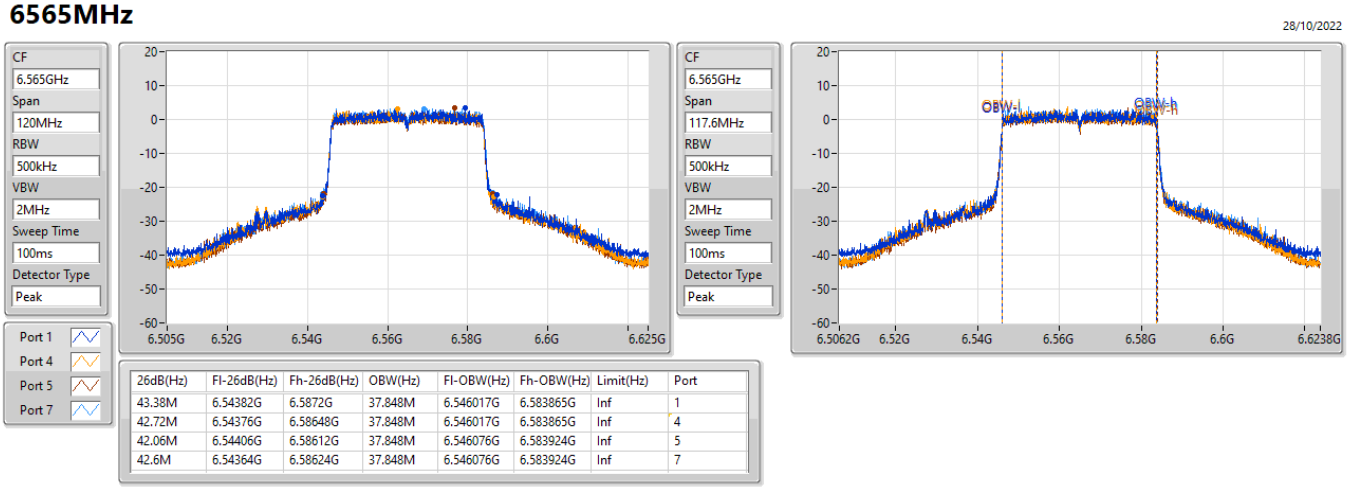
28/10/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.36M	6.50358G	6.54594G	37.901M	6.506049G	6.543951G	Inf	1
42.36M	6.50364G	6.546G	37.841M	6.506049G	6.543891G	Inf	4
42.24M	6.504G	6.54624G	37.841M	6.506049G	6.543891G	Inf	5
43.02M	6.50364G	6.54666G	37.841M	6.506049G	6.543891G	Inf	7

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX EBW

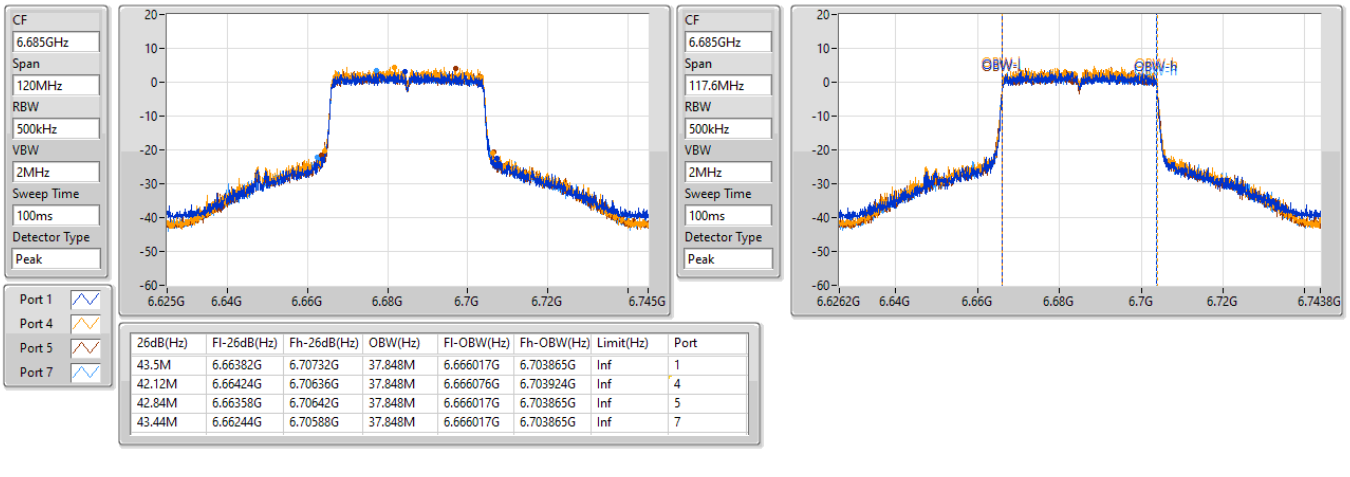
6565MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.38M	6.54382G	6.5872G	37.848M	6.546017G	6.583865G	Inf	1
42.72M	6.54376G	6.58648G	37.848M	6.546017G	6.583865G	Inf	4
42.06M	6.54406G	6.58612G	37.848M	6.546076G	6.583924G	Inf	5
42.6M	6.54364G	6.58624G	37.848M	6.546076G	6.583924G	Inf	7

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX EBW

6685MHz

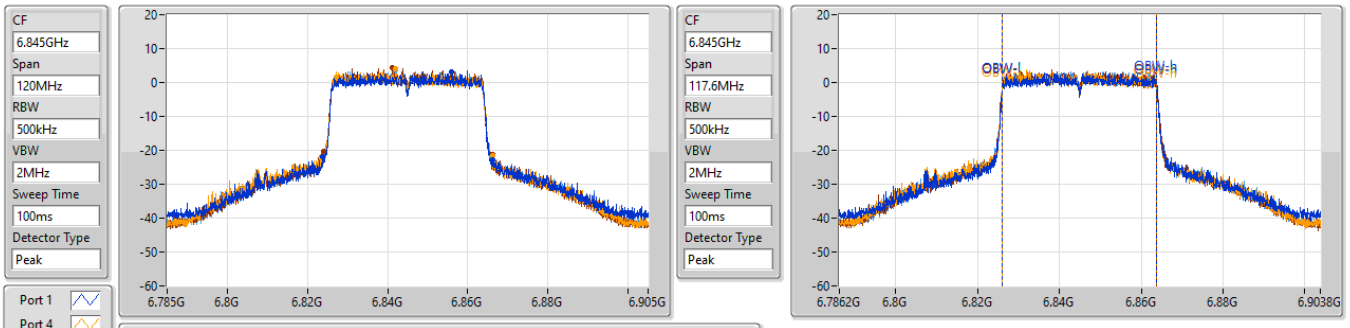


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.5M	6.66382G	6.70732G	37.848M	6.666017G	6.703865G	Inf	1
42.12M	6.66424G	6.70636G	37.848M	6.666076G	6.703924G	Inf	4
42.84M	6.66358G	6.70642G	37.848M	6.666017G	6.703865G	Inf	5
43.44M	6.66244G	6.70588G	37.848M	6.666017G	6.703865G	Inf	7

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

6845MHz

28/10/2022

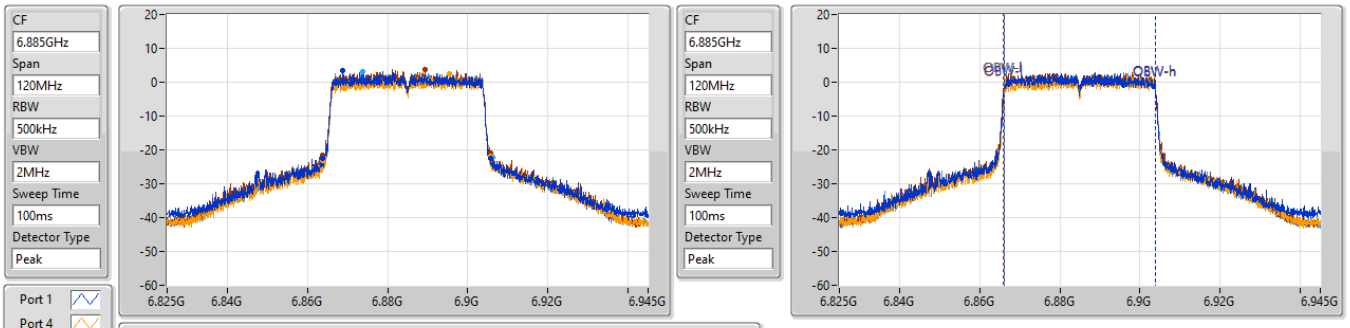


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.6M	6.8237G	6.8663G	37.848M	6.826017G	6.863865G	Inf	1
42.84M	6.82346G	6.8663G	37.907M	6.825958G	6.863865G	Inf	4
42.36M	6.824G	6.86636G	37.848M	6.826017G	6.863865G	Inf	5
42.24M	6.8237G	6.86594G	37.848M	6.826017G	6.863865G	Inf	7

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

6885MHz Straddle 6.525-6.875GHz

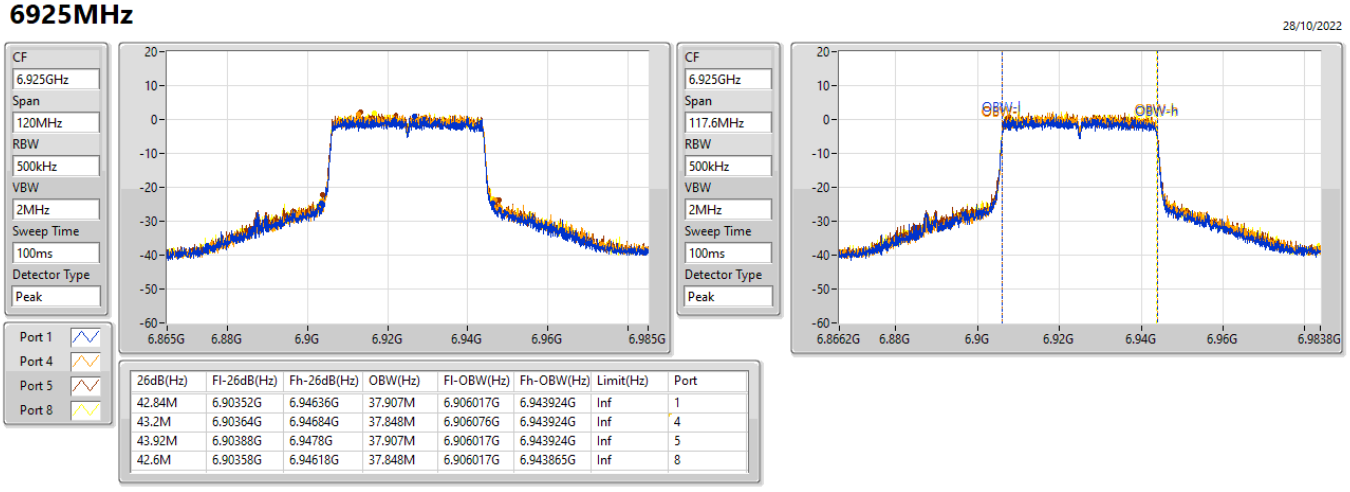
28/10/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.94M	6.8637G	6.90564G	37.841M	6.866049G	6.903891G	Inf	1
42.06M	6.86376G	6.90582G	37.841M	6.866109G	6.903951G	Inf	4
42.12M	6.8637G	6.90582G	37.901M	6.86599G	6.903891G	Inf	5
42.12M	6.864G	6.90612G	37.901M	6.866049G	6.903951G	Inf	7

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_4TX EBW

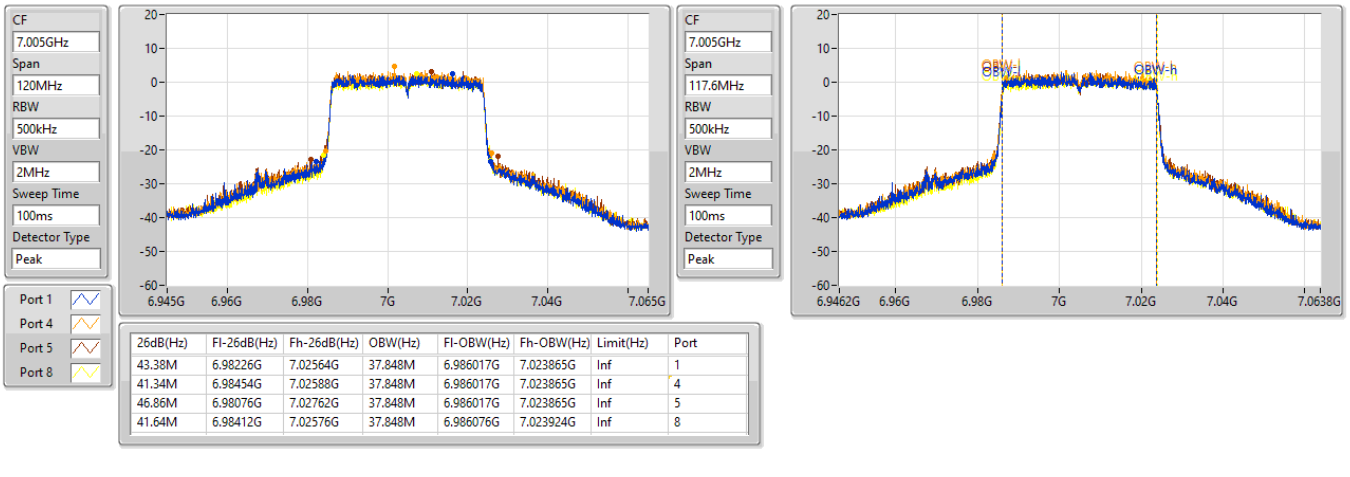
6925MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.84M	6.90352G	6.94636G	37.907M	6.906017G	6.943924G	Inf	1
43.2M	6.90364G	6.94684G	37.848M	6.906076G	6.943924G	Inf	4
43.92M	6.90388G	6.9478G	37.907M	6.906017G	6.943924G	Inf	5
42.6M	6.90358G	6.94618G	37.848M	6.906017G	6.943865G	Inf	8

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_4TX EBW

7005MHz

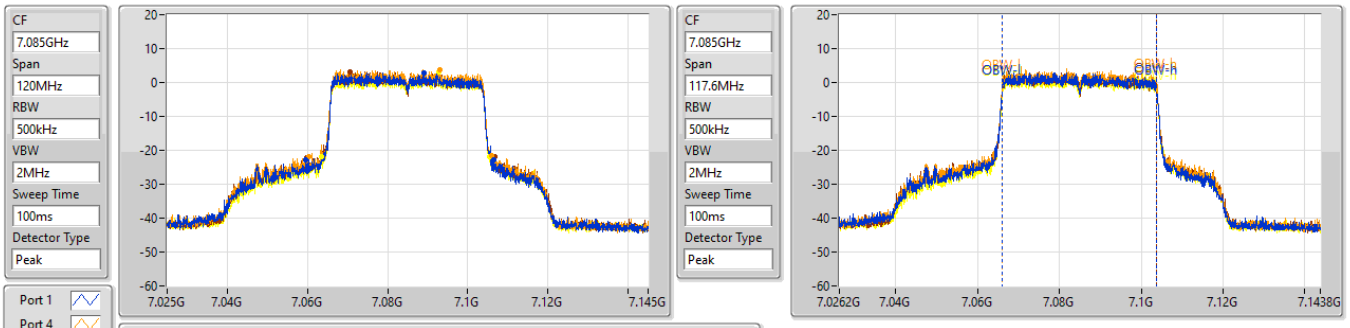


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.38M	6.98226G	7.02564G	37.848M	6.986017G	7.023865G	Inf	1
41.34M	6.98454G	7.02588G	37.848M	6.986017G	7.023865G	Inf	4
46.86M	6.98076G	7.02762G	37.848M	6.986017G	7.023865G	Inf	5
41.64M	6.98412G	7.02576G	37.848M	6.986076G	7.023924G	Inf	8

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

7085MHz

28/10/2022

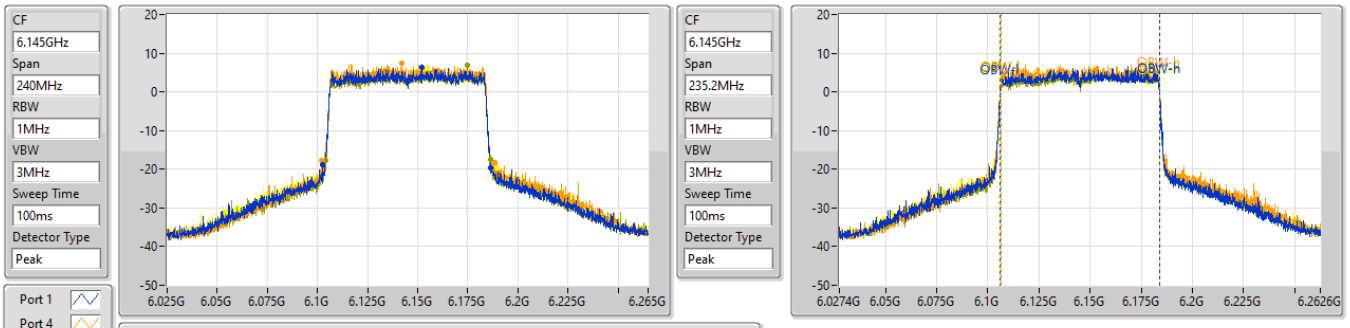


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
46.74M	7.05968G	7.10642G	37.79M	7.066017G	7.103807G	Inf	1
45.78M	7.06022G	7.106G	37.848M	7.066017G	7.103865G	Inf	4
47.04M	7.05974G	7.10678G	37.907M	7.065958G	7.103865G	Inf	5
41.82M	7.06358G	7.1054G	37.848M	7.066017G	7.103865G	Inf	8

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

6145MHz

27/10/2022

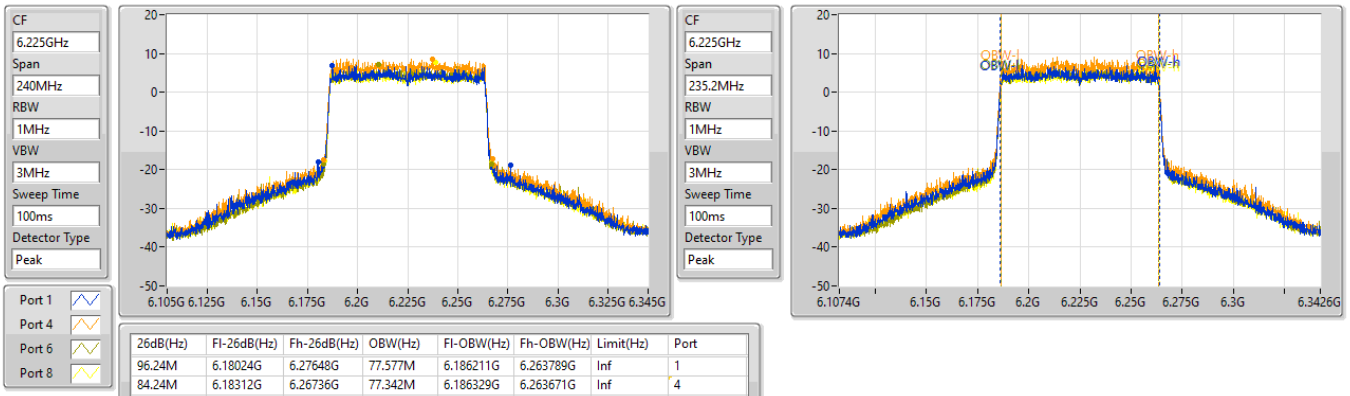


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.36M	6.10228G	6.18664G	77.577M	6.106211G	6.183789G	Inf	1
86.64M	6.10204G	6.18868G	77.342M	6.106446G	6.183789G	Inf	4
82.2M	6.10396G	6.18616G	77.342M	6.106446G	6.183789G	Inf	6
87.24M	6.1024G	6.18964G	77.577M	6.106211G	6.183789G	Inf	8

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

6225MHz

27/10/2022

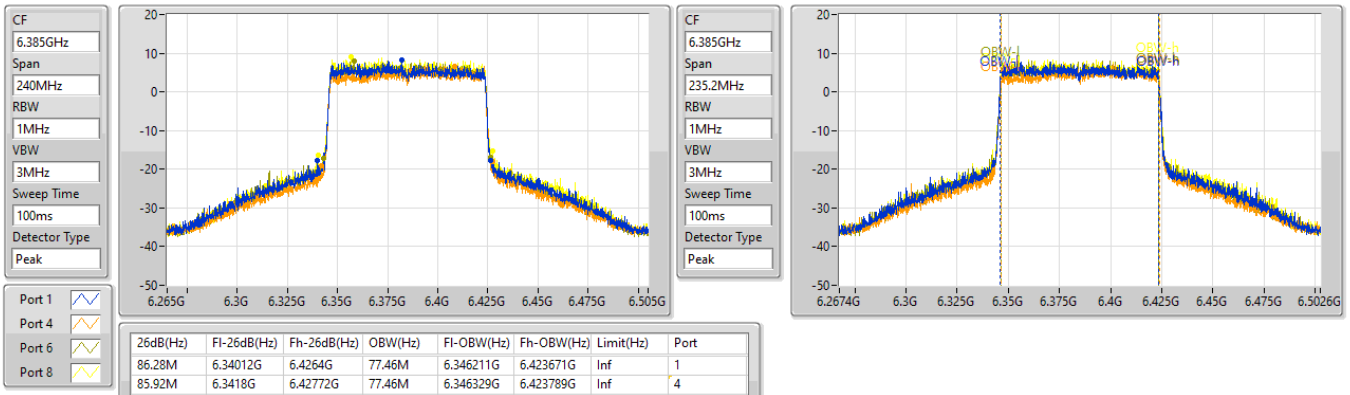


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
96.24M	6.18024G	6.27648G	77.577M	6.186211G	6.263789G	Inf	1
84.24M	6.18312G	6.26736G	77.342M	6.186329G	6.263671G	Inf	4
84.12M	6.183G	6.26712G	77.342M	6.186329G	6.263671G	Inf	6
83.4M	6.1836G	6.267G	77.577M	6.186211G	6.263789G	Inf	8

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

6385MHz

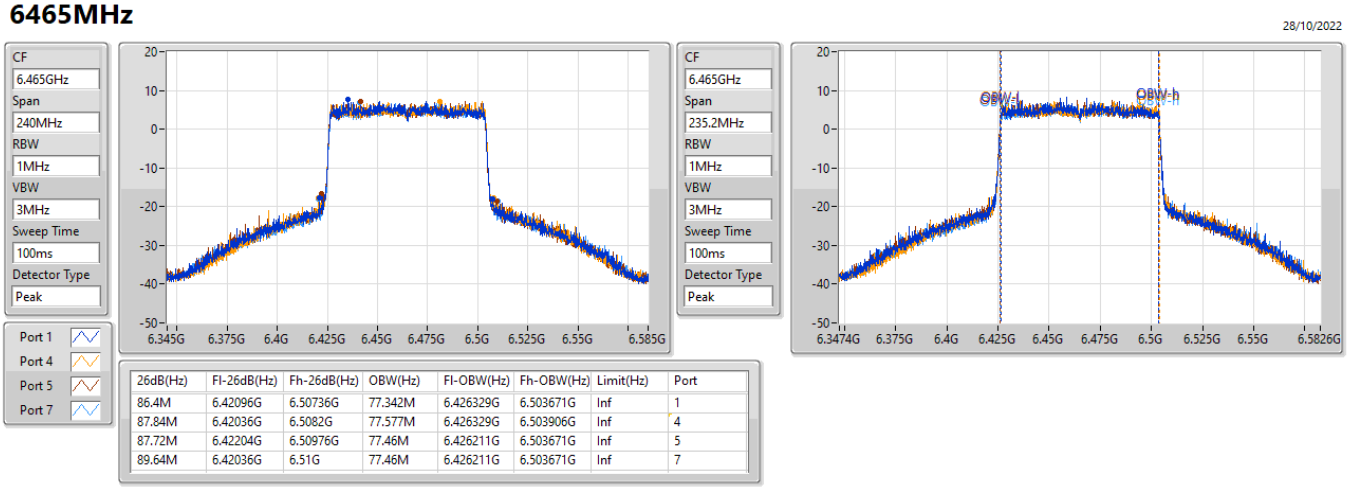
27/10/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
86.28M	6.34012G	6.4264G	77.46M	6.346211G	6.423671G	Inf	1
85.92M	6.3418G	6.42772G	77.46M	6.346329G	6.423789G	Inf	4
83.76M	6.34288G	6.42664G	77.342M	6.346329G	6.423671G	Inf	6
87.48M	6.34024G	6.42772G	77.342M	6.346329G	6.423671G	Inf	8

6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

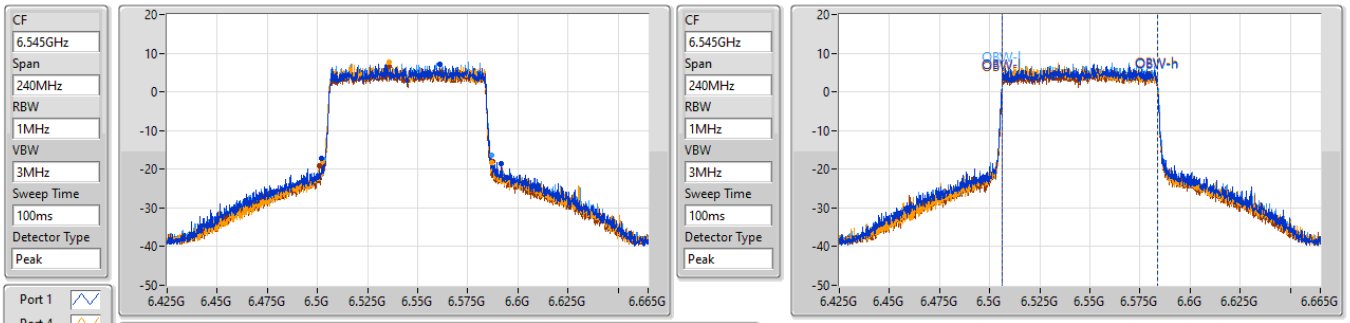
6465MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
86.4M	6.42096G	6.50736G	77.342M	6.426329G	6.503671G	Inf	1
87.84M	6.42036G	6.5082G	77.577M	6.426329G	6.503906G	Inf	4
87.72M	6.42204G	6.50976G	77.46M	6.426211G	6.503671G	Inf	5
89.64M	6.42036G	6.51G	77.46M	6.426211G	6.503671G	Inf	7

6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

6545MHz Straddle 6.425-6.525GHz

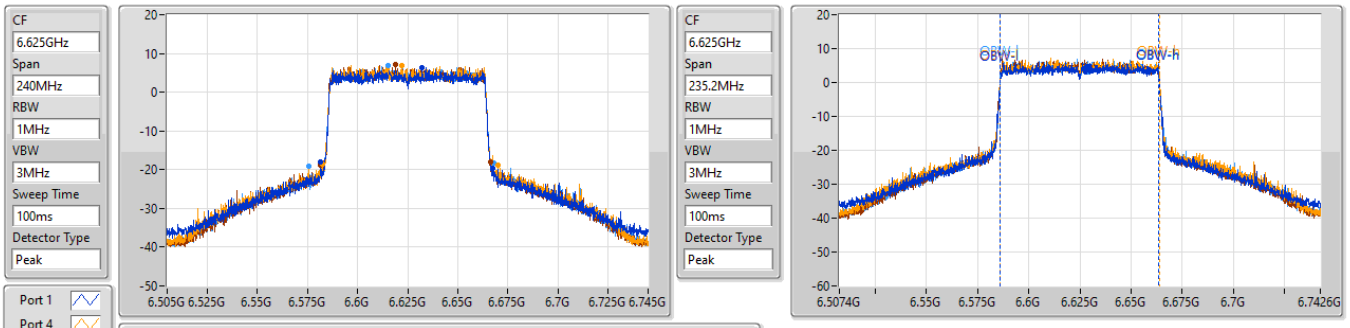


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
89.52M	6.50216G	6.59168G	77.481M	6.506259G	6.583741G	Inf	1
84M	6.50276G	6.58676G	77.361M	6.506259G	6.583621G	Inf	4
86.76M	6.50084G	6.5876G	77.481M	6.506259G	6.583741G	Inf	5
84.12M	6.50288G	6.587G	77.481M	6.506259G	6.583741G	Inf	7

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

6625MHz

28/10/2022

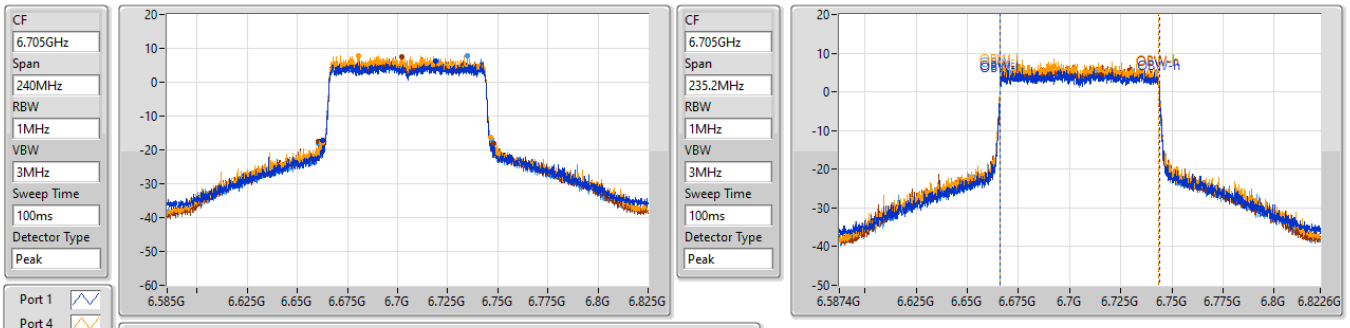


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
86.04M	6.58168G	6.66772G	77.46M	6.586211G	6.663671G	Inf	1
87.48M	6.58252G	6.67G	77.577M	6.586211G	6.663789G	Inf	4
84.96M	6.58156G	6.66652G	77.46M	6.586211G	6.663671G	Inf	5
92.28M	6.57568G	6.66796G	77.46M	6.586211G	6.663671G	Inf	7

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

6705MHz

28/10/2022

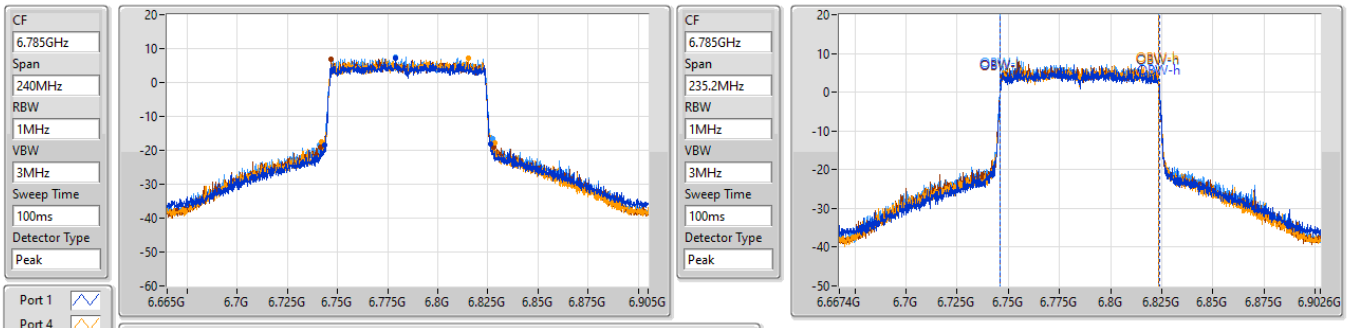


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
85.08M	6.6624G	6.74748G	77.695M	6.666211G	6.743906G	Inf	1
84.6M	6.6618G	6.7464G	77.46M	6.666211G	6.743671G	Inf	4
87.36M	6.66048G	6.74784G	77.46M	6.666211G	6.743671G	Inf	5
86.28M	6.6606G	6.74688G	77.46M	6.666211G	6.743671G	Inf	7

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

6785MHz

28/10/2022

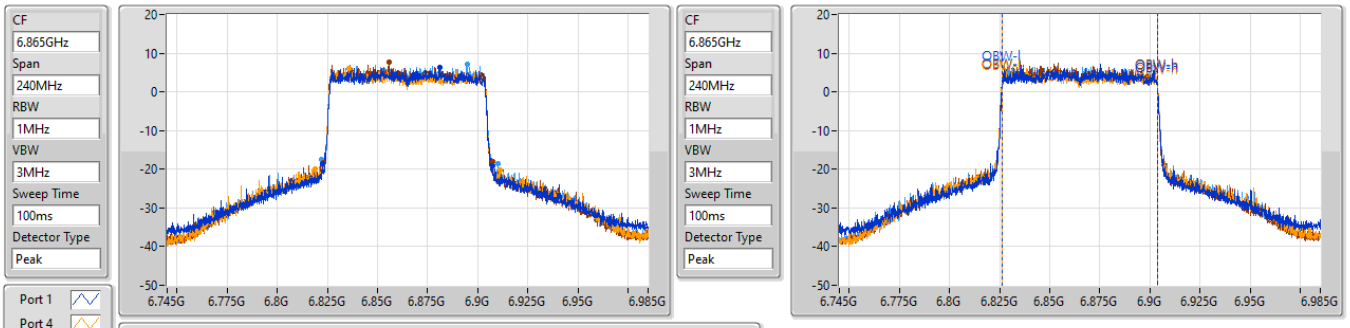


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.92M	6.7436G	6.82652G	77.577M	6.746211G	6.823789G	Inf	1
86.28M	6.74216G	6.82844G	77.46M	6.746211G	6.823671G	Inf	4
86.28M	6.74168G	6.82796G	77.46M	6.746211G	6.823671G	Inf	5
86.64M	6.74096G	6.8276G	77.46M	6.746211G	6.823671G	Inf	7

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

6865MHz Straddle 6.525-6.875GHz

28/10/2022

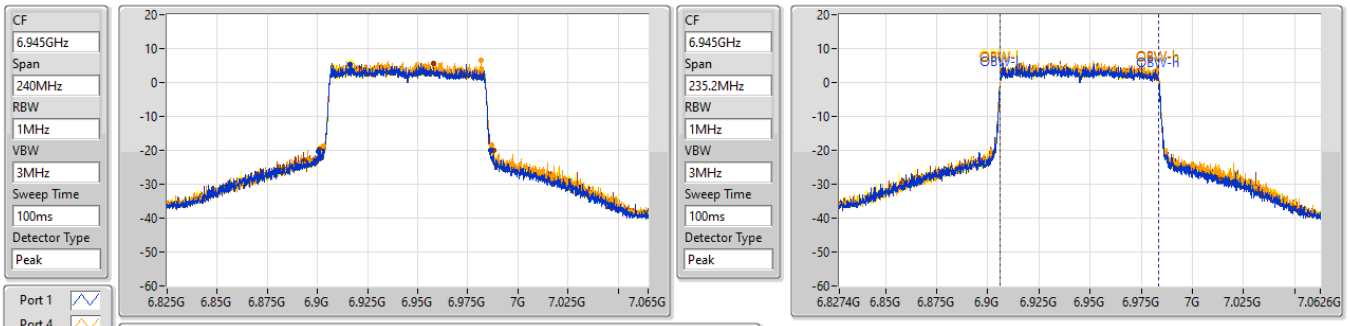


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
85.08M	6.82228G	6.90736G	77.601M	6.826139G	6.903741G	Inf	1
92.4M	6.8188G	6.9112G	77.601M	6.826139G	6.903741G	Inf	4
84.6M	6.82288G	6.90748G	77.601M	6.826139G	6.903741G	Inf	5
88.44M	6.82192G	6.91036G	77.601M	6.826139G	6.903741G	Inf	7

6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_4TX EBW

6945MHz

28/10/2022

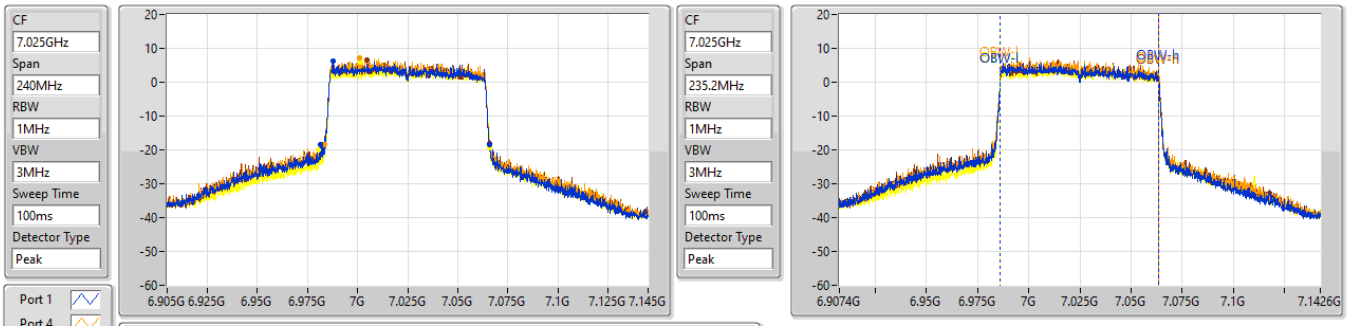


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
85.56M	6.9006G	6.98616G	77.342M	6.906211G	6.983554G	Inf	1
83.76M	6.90324G	6.987G	77.342M	6.906211G	6.983554G	Inf	4
86.64M	6.9012G	6.98784G	77.342M	6.906211G	6.983554G	Inf	5
84.6M	6.90156G	6.98616G	77.577M	6.906094G	6.983671G	Inf	8

6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_4TX EBW

7025MHz

28/10/2022

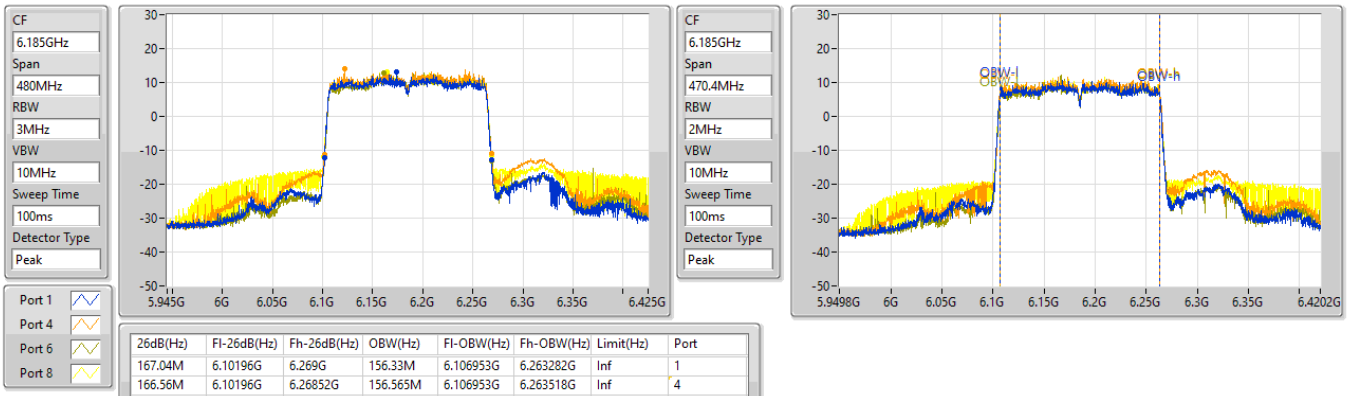


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.36M	6.98156G	7.06592G	77.46M	6.986094G	7.063554G	Inf	1
82.56M	6.98336G	7.06592G	77.46M	6.986094G	7.063554G	Inf	4
83.4M	6.98264G	7.06604G	77.46M	6.986094G	7.063554G	Inf	5
85.56M	6.98048G	7.06604G	77.46M	6.986211G	7.063671G	Inf	8

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **EBW**

6185MHz

27/10/2022

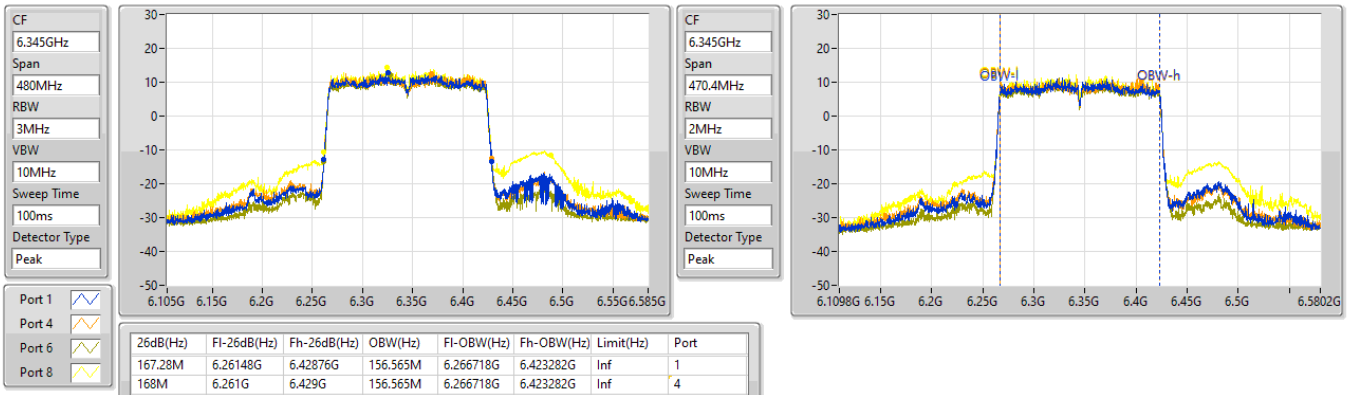


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
167.04M	6.10196G	6.269G	156.33M	6.106953G	6.263282G	Inf	1
166.56M	6.10196G	6.26852G	156.565M	6.106953G	6.263518G	Inf	4
167.52M	6.10172G	6.26924G	156.565M	6.106953G	6.263518G	Inf	6
167.76M	6.101G	6.26876G	156.8M	6.106718G	6.263518G	Inf	8

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **EBW**

6345MHz

27/10/2022

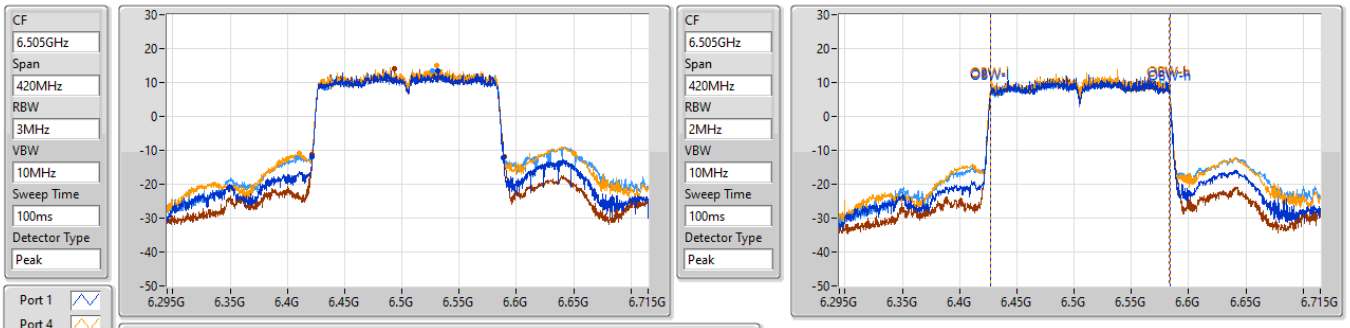


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
167.28M	6.26148G	6.42876G	156.565M	6.266718G	6.423282G	Inf	1
168M	6.261G	6.429G	156.565M	6.266718G	6.423282G	Inf	4
168M	6.261G	6.429G	156.565M	6.266718G	6.423282G	Inf	6
226.08M	6.26148G	6.48756G	156.8M	6.266718G	6.423518G	Inf	8

6.425-6.525GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **EBW**

6505MHz Straddle 6.425-6.525GHz

28/10/2022

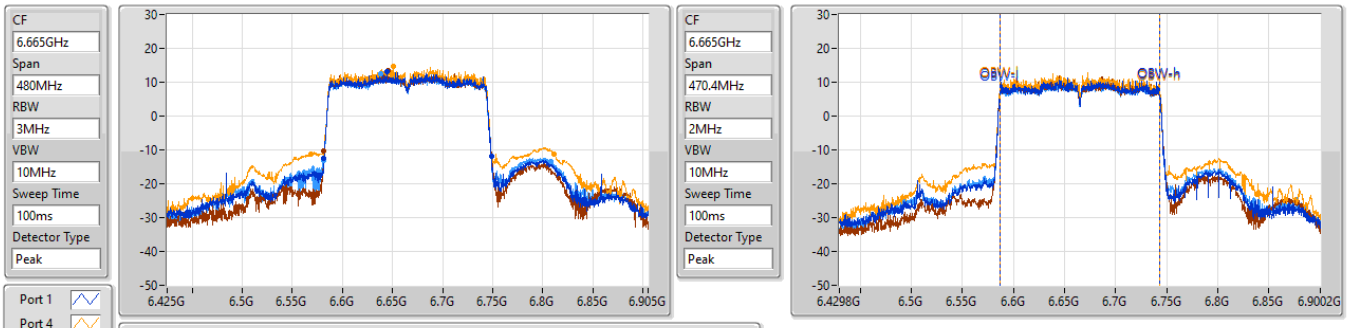


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
166.53M	6.42184G	6.58837G	156.582M	6.426919G	6.583501G	Inf	1
239.82M	6.4105G	6.65032G	157.001M	6.426709G	6.583711G	Inf	4
167.58M	6.42163G	6.58921G	156.372M	6.426919G	6.583291G	Inf	5
247.38M	6.40819G	6.65557G	157.211M	6.426709G	6.583921G	Inf	7

6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **EBW**

6665MHz

28/10/2022

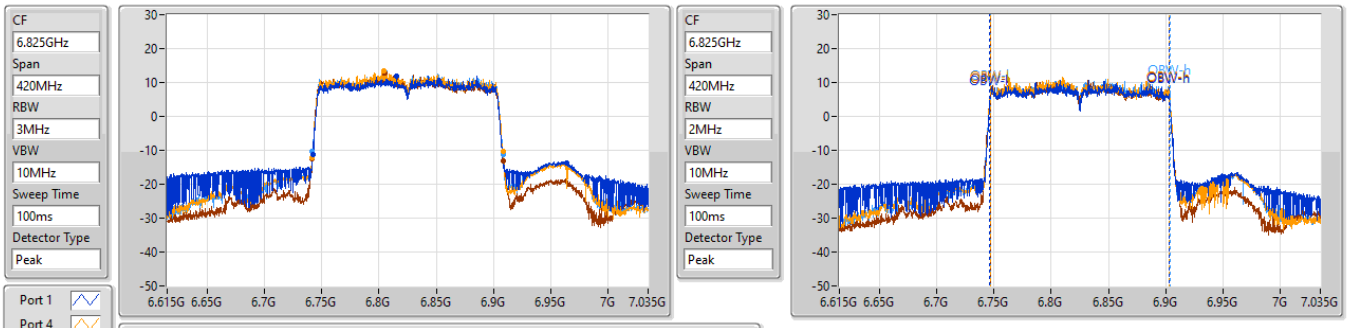


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
167.04M	6.58148G	6.74852G	156.8M	6.586718G	6.743518G	Inf	1
242.16M	6.56876G	6.81092G	156.8M	6.586718G	6.743518G	Inf	4
167.28M	6.58148G	6.74876G	156.33M	6.586953G	6.743282G	Inf	5
226.56M	6.58148G	6.80804G	156.8M	6.586482G	6.743282G	Inf	7

6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **EBW**

6825MHz Straddle 6.525-6.875GHz

28/10/2022

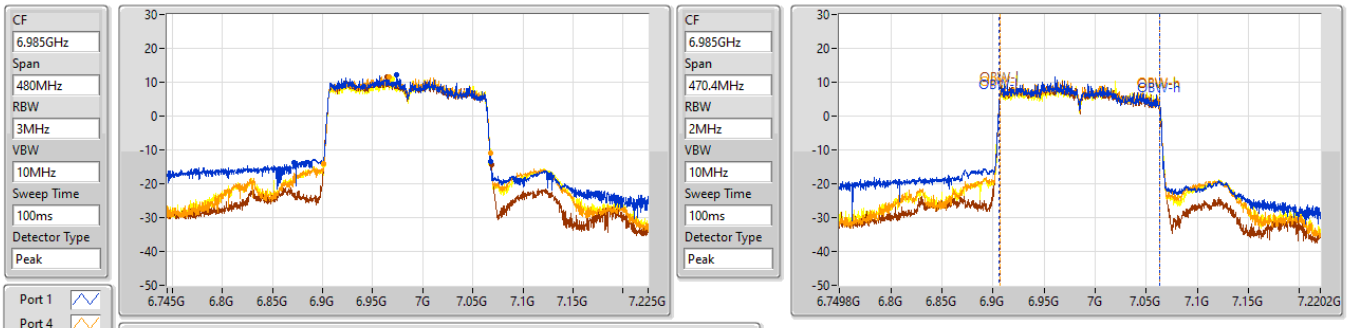


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
221.55M	6.74205G	6.9636G	156.792M	6.746499G	6.903291G	Inf	1
166.74M	6.74142G	6.90816G	156.582M	6.746709G	6.903291G	Inf	4
167.16M	6.74163G	6.90879G	156.372M	6.746709G	6.903081G	Inf	5
166.95M	6.74163G	6.90858G	156.792M	6.746709G	6.903501G	Inf	7

6.875-7.125GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **EBW**

6985MHz

28/10/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
195.84M	6.87196G	7.0678G	157.27M	6.905777G	7.063047G	Inf	1
166.32M	6.90148G	7.0678G	156.33M	6.906482G	7.062812G	Inf	4
167.04M	6.90148G	7.06852G	156.095M	6.906482G	7.062577G	Inf	5
167.04M	6.90124G	7.06828G	156.565M	6.906482G	7.063047G	Inf	8

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	27M	19.189M	19M2D1D	21.96M	19.13M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	47.94M	37.907M	37M9D1D	41.1M	37.79M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	86.16M	77.577M	77M6D1D	82.8M	77.342M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	249.6M	157.27M	157MD1D	166.08M	156.33M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.38M	19.247M	19M2D1D	22.53M	19.13M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	44.76M	37.901M	37M9D1D	41.1M	37.79M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	89.64M	77.601M	77M6D1D	82.8M	77.225M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	250.08M	157.121M	157MD1D	166.8M	156.642M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.59M	19.189M	19M2D1D	22.02M	19.13M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	44.94M	37.907M	37M9D1D	41.52M	37.79M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	92.76M	77.577M	77M6D1D	83.28M	77.342M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	175.92M	157.121M	157MD1D	166.32M	156.402M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.53M	19.218M	19M2D1D	23.94M	19.13M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	47.7M	37.907M	37M9D1D	41.88M	37.848M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	90.12M	77.695M	77M7D1D	84.24M	77.46M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	197.76M	157.035M	157MD1D	167.76M	156.095M

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

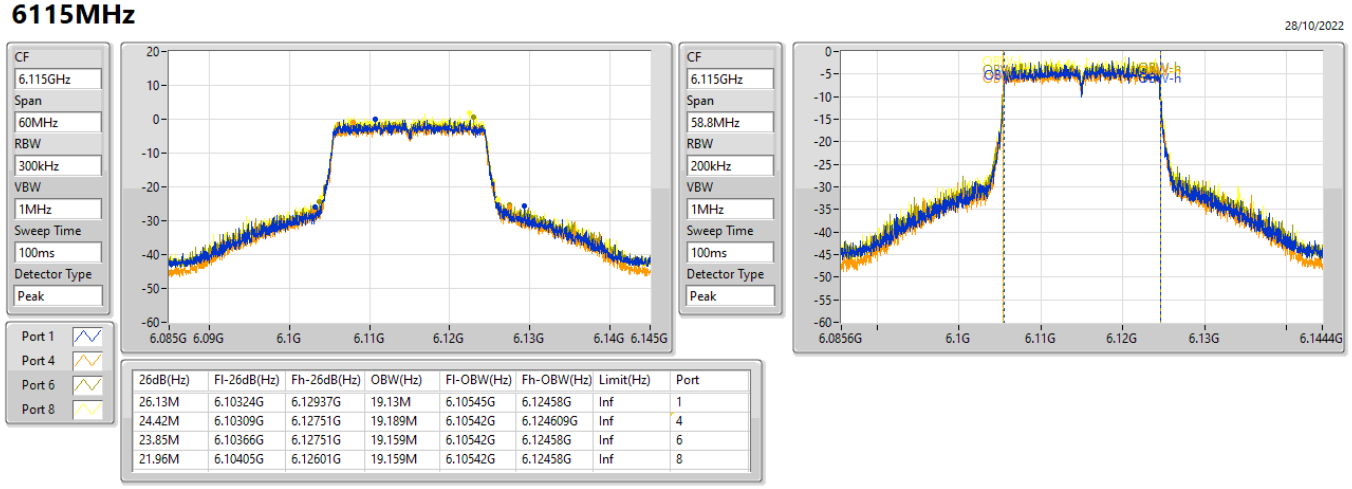
Mode	Result	Limit	Port 1-N dB	Port 1-OBW	Port 2-N dB	Port 2-OBW	Port 3-N dB	Port 3-OBW	Port 4-N dB	Port 4-OBW	Port 5-N dB	Port 5-OBW	Port 6-N dB	Port 6-OBW	Port 7-N dB	Port 7-OBW	Port 8-N dB	Port 8-OBW
		(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6115MHz	Pass	Inf	26.13M	19.13M	-	-	-	-	24.42M	19.189M	-	-	23.85M	19.159M	-	-	21.96M	19.159M
6255MHz	Pass	Inf	22.92M	19.159M	-	-	-	-	22.71M	19.159M	-	-	24.42M	19.13M	-	-	27M	19.159M
6415MHz	Pass	Inf	24.72M	19.189M	-	-	-	-	23.94M	19.159M	-	-	22.95M	19.159M	-	-	23.85M	19.13M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6435MHz	Pass	Inf	22.83M	19.13M	-	-	-	-	23.64M	19.159M	23.79M	19.218M	-	-	26.49M	19.159M	-	-
6475MHz	Pass	Inf	28.38M	19.159M	-	-	-	-	24.51M	19.189M	23.22M	19.159M	-	-	26.67M	19.13M	-	-
6515MHz	Pass	Inf	22.53M	19.159M	-	-	-	-	23.76M	19.247M	25.71M	19.189M	-	-	26.19M	19.189M	-	-
6535MHz	Pass	Inf	24.33M	19.13M	-	-	-	-	27.27M	19.189M	28.59M	19.159M	-	-	24.15M	19.159M	-	-
6695MHz	Pass	Inf	26.16M	19.189M	-	-	-	-	27.09M	19.189M	23.91M	19.159M	-	-	27.42M	19.189M	-	-
6855MHz	Pass	Inf	25.74M	19.159M	-	-	-	-	24.84M	19.159M	22.02M	19.159M	-	-	24.87M	19.159M	-	-
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	25.32M	19.16M	-	-	-	-	23.34M	19.16M	25.05M	19.16M	-	-	26.49M	19.16M	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6895MHz	Pass	Inf	24.69M	19.159M	-	-	-	-	26.04M	19.218M	24.93M	19.189M	-	-	-	-	25.11M	19.189M
6995MHz	Pass	Inf	25.62M	19.13M	-	-	-	-	25.92M	19.189M	24.15M	19.218M	-	-	-	-	26.94M	19.189M
7095MHz	Pass	Inf	24.66M	19.189M	-	-	-	-	27.39M	19.189M	25.98M	19.159M	-	-	-	-	28.53M	19.218M
7115MHz	Pass	Inf	24.84M	19.159M	-	-	-	-	23.94M	19.189M	27.21M	19.218M	-	-	-	-	26.49M	19.189M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6125MHz	Pass	Inf	44.04M	37.848M	-	-	-	-	47.94M	37.907M	-	-	43.14M	37.79M	-	-	42M	37.848M
6245MHz	Pass	Inf	41.7M	37.848M	-	-	-	-	41.1M	37.907M	-	-	42M	37.848M	-	-	42.72M	37.848M
6405MHz	Pass	Inf	42.72M	37.907M	-	-	-	-	46.92M	37.907M	-	-	41.82M	37.907M	-	-	41.88M	37.907M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6445MHz	Pass	Inf	42.6M	37.848M	-	-	-	-	42.12M	37.848M	42.6M	37.848M	-	-	42.84M	37.848M	-	-
6485MHz	Pass	Inf	43.5M	37.848M	-	-	-	-	42.36M	37.79M	44.76M	37.848M	-	-	41.1M	37.848M	-	-
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	43.62M	37.901M	-	-	-	-	43.44M	37.901M	42.66M	37.841M	-	-	42.36M	37.841M	-	-
6565MHz	Pass	Inf	42.12M	37.848M	-	-	-	-	42M	37.848M	41.52M	37.848M	-	-	42M	37.907M	-	-
6685MHz	Pass	Inf	43.14M	37.848M	-	-	-	-	42.96M	37.907M	42.66M	37.848M	-	-	42.06M	37.79M	-	-
6845MHz	Pass	Inf	42M	37.907M	-	-	-	-	43.14M	37.848M	43.5M	37.848M	-	-	43.26M	37.907M	-	-
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	44.94M	37.901M	-	-	-	-	43.86M	37.901M	42.3M	37.841M	-	-	43.08M	37.841M	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6925MHz	Pass	Inf	42.42M	37.907M	-	-	-	-	42.72M	37.907M	42.24M	37.907M	-	-	-	-	43.2M	37.907M
7005MHz	Pass	Inf	42.96M	37.848M	-	-	-	-	41.88M	37.907M	41.94M	37.848M	-	-	-	-	41.94M	37.848M
7085MHz	Pass	Inf	45.18M	37.907M	-	-	-	-	45.96M	37.907M	47.7M	37.848M	-	-	-	-	45.06M	37.848M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6145MHz	Pass	Inf	84.96M	77.342M	-	-	-	-	84.84M	77.46M	-	-	85.8M	77.342M	-	-	85.32M	77.46M
6225MHz	Pass	Inf	85.92M	77.46M	-	-	-	-	86.04M	77.46M	-	-	86.16M	77.46M	-	-	84.48M	77.46M
6385MHz	Pass	Inf	85.44M	77.577M	-	-	-	-	85.32M	77.46M	-	-	85.56M	77.342M	-	-	82.8M	77.46M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6465MHz	Pass	Inf	87.96M	77.577M	-	-	-	-	83.64M	77.225M	83.28M	77.577M	-	-	89.64M	77.46M	-	-
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	85.92M	77.481M	-	-	-	-	89.4M	77.601M	86.04M	77.361M	-	-	82.8M	77.361M	-	-
6625MHz	Pass	Inf	83.28M	77.577M	-	-	-	-	84.72M	77.46M	85.68M	77.577M	-	-	88.2M	77.577M	-	-
6705MHz	Pass	Inf	83.76M	77.577M	-	-	-	-	87.84M	77.577M	84.6M	77.46M	-	-	83.4M	77.46M	-	-
6785MHz	Pass	Inf	85.8M	77.342M	-	-	-	-	86.04M	77.46M	92.76M	77.46M	-	-	83.64M	77.577M	-	-
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	86.28M	77.481M	-	-	-	-	86.16M	77.481M	86.04M	77.481M	-	-	88.32M	77.481M	-	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6945MHz	Pass	Inf	85.56M	77.46M	-	-	-	-	85.56M	77.577M	84.24M	77.46M	-	-	-	-	85.8M	77.695M
7025MHz	Pass	Inf	84.36M	77.577M	-	-	-	-	84.96M	77.46M	90.12M	77.577M	-	-	-	-	84.6M	77.577M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6185MHz	Pass	Inf	166.8M	156.565M	-	-	-	-	167.04M	156.565M	-	-	167.52M	156.565M	-	-	167.28M	156.8M
6345MHz	Pass	Inf	166.08M	156.8M	-	-	-	-	166.56M	156.565M	-	-	167.52M	156.33M	-	-	249.6M	157.27M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6505MHz Straddle 6.425-6.525GHz	Pass	Inf	166.8M	156.642M	-	-	-	-	229.68M	156.642M	167.52M	156.642M	-	-	250.08M	157.121M	-	-
6665MHz	Pass	Inf	166.56M	156.565M	-	-	-	-	166.32M	156.8M	167.52M	156.565M	-	-	168M	156.8M	-	-

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)	Port 5-N dB (Hz)	Port 5-OBW (Hz)	Port 6-N dB (Hz)	Port 6-OBW (Hz)	Port 7-N dB (Hz)	Port 7-OBW (Hz)	Port 8-N dB (Hz)	Port 8-OBW (Hz)
6825MHz Straddle 6.525-6.875GHz	Pass	Inf	175.92M	157.121M	-	-	-	-	167.52M	156.402M	167.52M	156.402M	-	-	166.56M	156.402M	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6985MHz	Pass	Inf	197.76M	157.035M	-	-	-	-	185.76M	156.565M	167.76M	156.095M	-	-	-	-	179.52M	156.33M

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

5.925-6.425GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

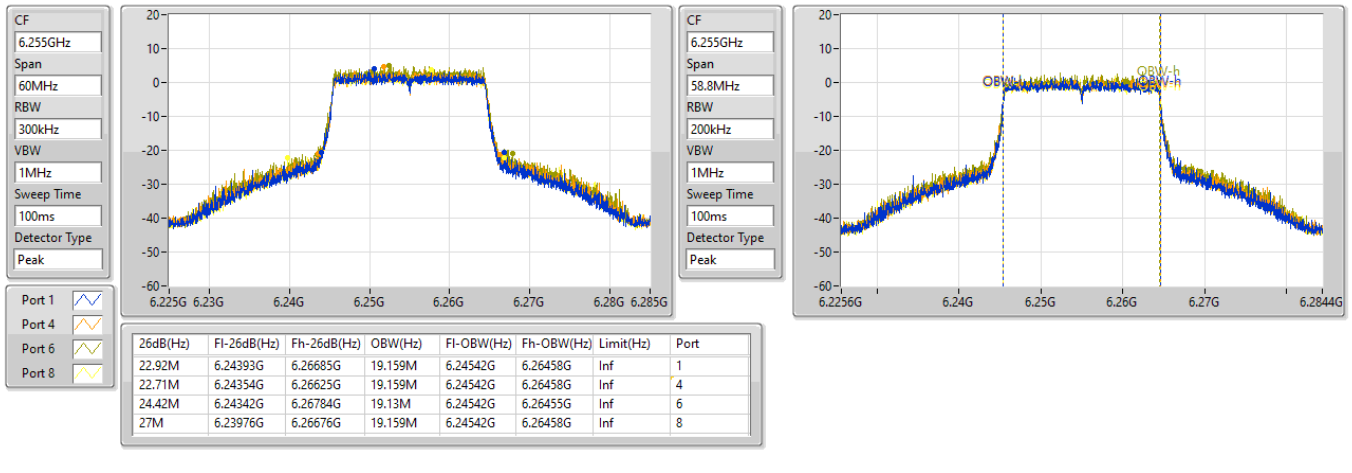
6115MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.13M	6.10324G	6.12937G	19.13M	6.10545G	6.12458G	Inf	1
24.42M	6.10309G	6.12751G	19.189M	6.10542G	6.124609G	Inf	4
23.85M	6.10366G	6.12751G	19.159M	6.10542G	6.12458G	Inf	6
21.96M	6.10405G	6.12601G	19.159M	6.10542G	6.12458G	Inf	8

5.925-6.425GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

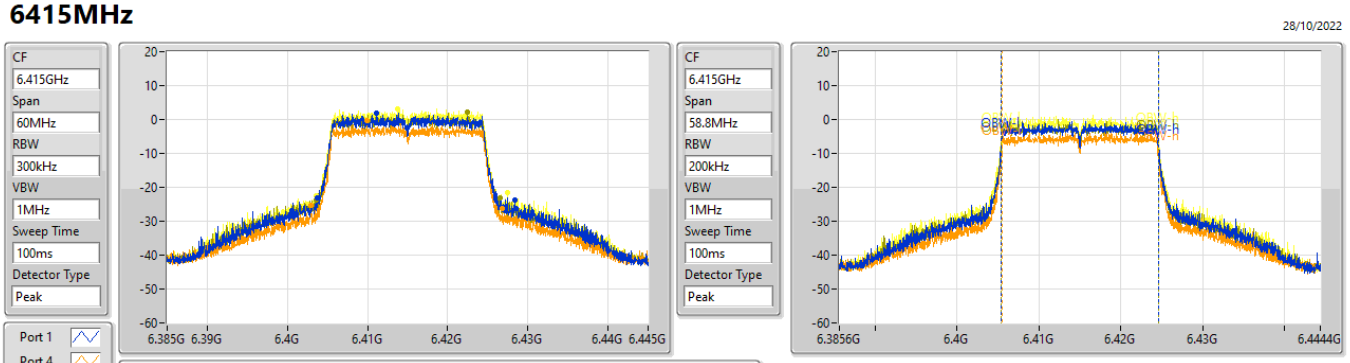
6255MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.92M	6.24393G	6.26685G	19.159M	6.24542G	6.26458G	Inf	1
22.71M	6.24354G	6.26625G	19.159M	6.24542G	6.26458G	Inf	4
24.42M	6.24342G	6.26784G	19.13M	6.24542G	6.26455G	Inf	6
27M	6.23976G	6.26676G	19.159M	6.24542G	6.26458G	Inf	8

5.925-6.425GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

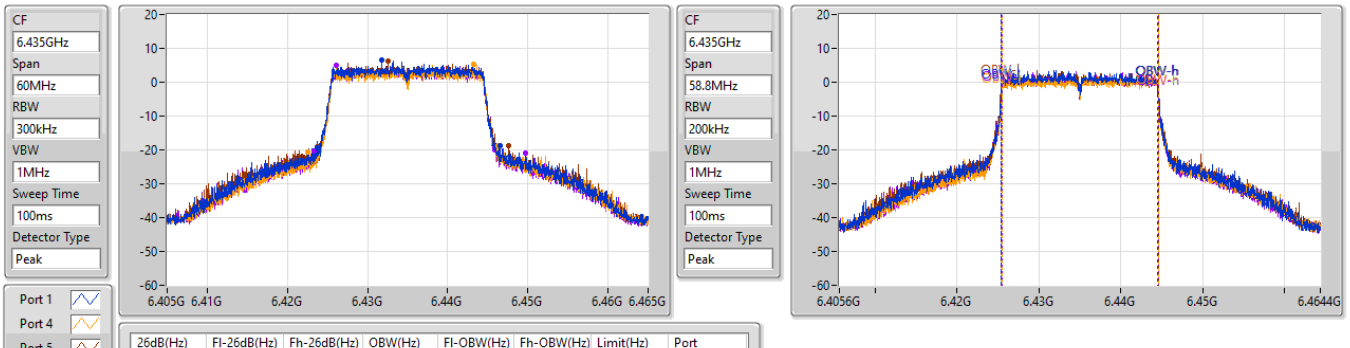
6415MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.72M	6.40372G	6.42844G	19.189M	6.405391G	6.42458G	Inf	1
23.94M	6.40291G	6.42685G	19.159M	6.40545G	6.424609G	Inf	4
22.95M	6.40363G	6.42658G	19.159M	6.40542G	6.42458G	Inf	6
23.85M	6.4036G	6.42745G	19.13M	6.40545G	6.42458G	Inf	8

6.425-6.525GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

6435MHz

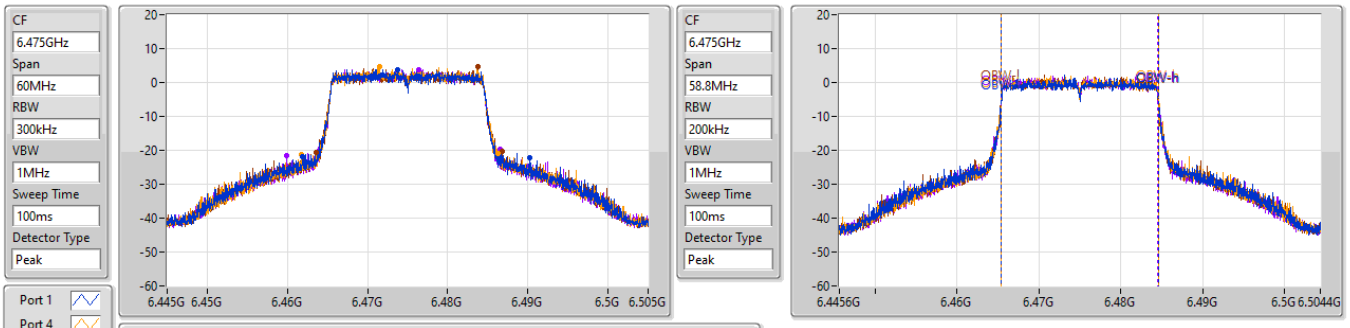


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.83M	6.42366G	6.44649G	19.13M	6.42542G	6.44455G	Inf	1
23.64M	6.42258G	6.44622G	19.159M	6.42545G	6.444609G	Inf	4
23.79M	6.42378G	6.44757G	19.218M	6.425391G	6.444609G	Inf	5
26.49M	6.42327G	6.44976G	19.159M	6.42545G	6.444609G	Inf	7

6.425-6.525GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

6475MHz

28/10/2022

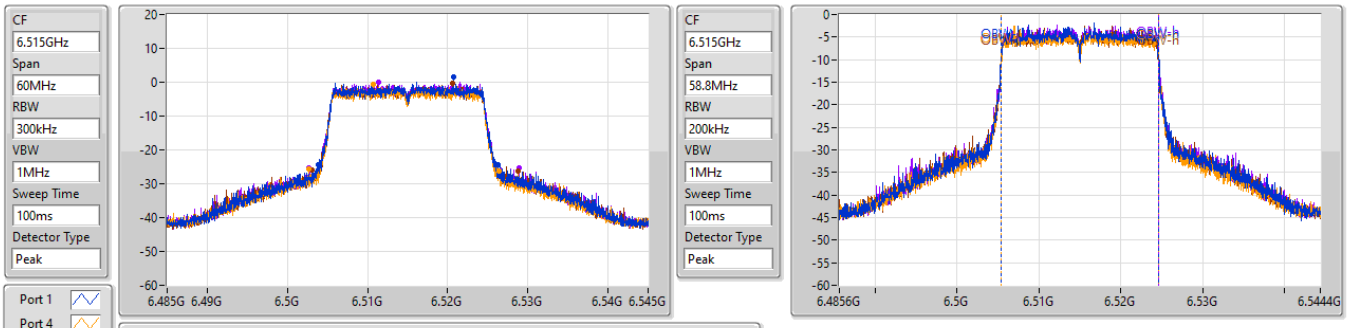


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.38M	6.46189G	6.49027G	19.159M	6.46542G	6.48458G	Inf	1
24.51M	6.46174G	6.48625G	19.189M	6.46542G	6.484609G	Inf	4
23.22M	6.4636G	6.48682G	19.159M	6.46542G	6.48458G	Inf	5
26.67M	6.45991G	6.48658G	19.13M	6.46542G	6.48455G	Inf	7

6.425-6.525GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

6515MHz

28/10/2022

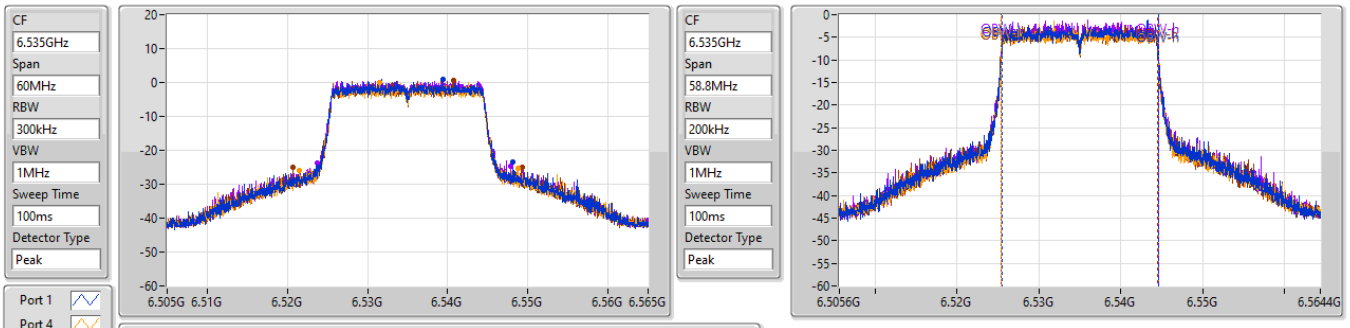


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.53M	6.50381G	6.52634G	19.159M	6.50542G	6.52458G	Inf	1
23.76M	6.50264G	6.5264G	19.247M	6.505391G	6.524638G	Inf	4
25.71M	6.50303G	6.52874G	19.189M	6.505391G	6.52458G	Inf	5
26.19M	6.5027G	6.52889G	19.189M	6.50542G	6.524609G	Inf	7

6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

6535MHz

28/10/2022

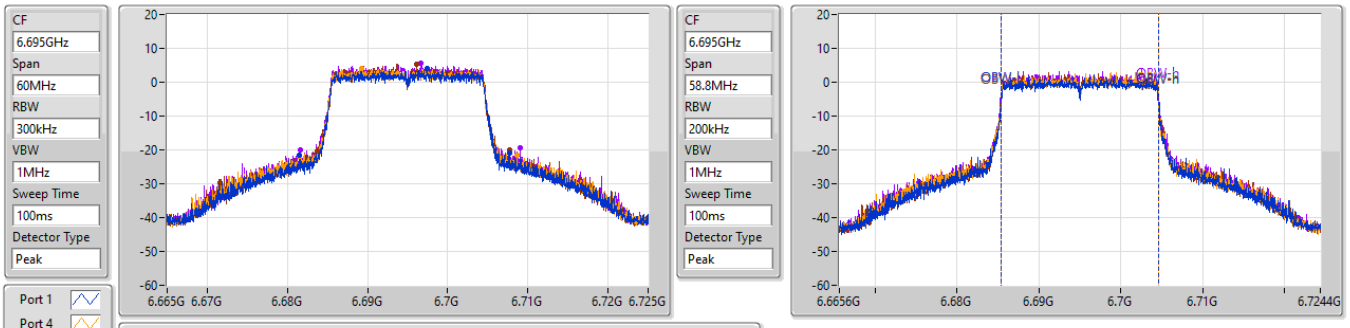


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.33M	6.52384G	6.54817G	19.13M	6.52545G	6.54458G	Inf	1
27.27M	6.52153G	6.5488G	19.189M	6.52542G	6.544609G	Inf	4
28.59M	6.52066G	6.54925G	19.159M	6.525391G	6.54455G	Inf	5
24.15M	6.52366G	6.54781G	19.159M	6.52542G	6.54458G	Inf	7

6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

6695MHz

28/10/2022

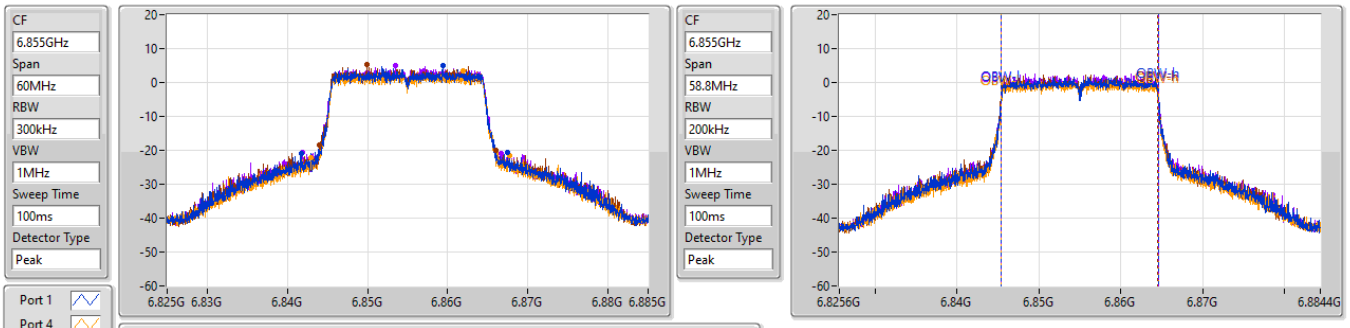


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.16M	6.68153G	6.70769G	19.189M	6.68542G	6.704609G	Inf	1
27.09M	6.6815G	6.70859G	19.189M	6.68542G	6.704609G	Inf	4
23.91M	6.68375G	6.70766G	19.159M	6.68542G	6.70458G	Inf	5
27.42M	6.68168G	6.7091G	19.189M	6.685391G	6.70458G	Inf	7

6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

6855MHz

28/10/2022

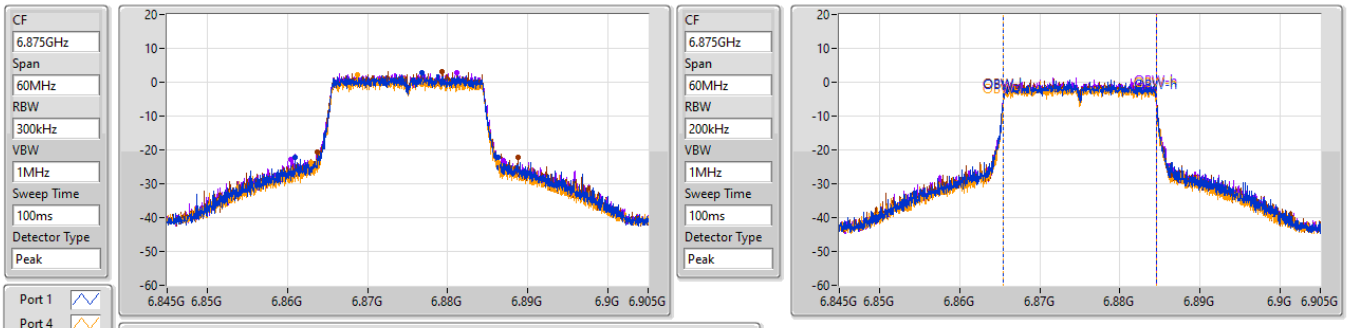


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.74M	6.84171G	6.86745G	19.159M	6.84542G	6.86458G	Inf	1
24.84M	6.84288G	6.86772G	19.159M	6.84542G	6.86458G	Inf	4
22.02M	6.84405G	6.86607G	19.159M	6.845391G	6.86455G	Inf	5
24.87M	6.84186G	6.86673G	19.159M	6.84542G	6.86458G	Inf	7

6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

6875MHz Straddle 6.525-6.875GHz

28/10/2022

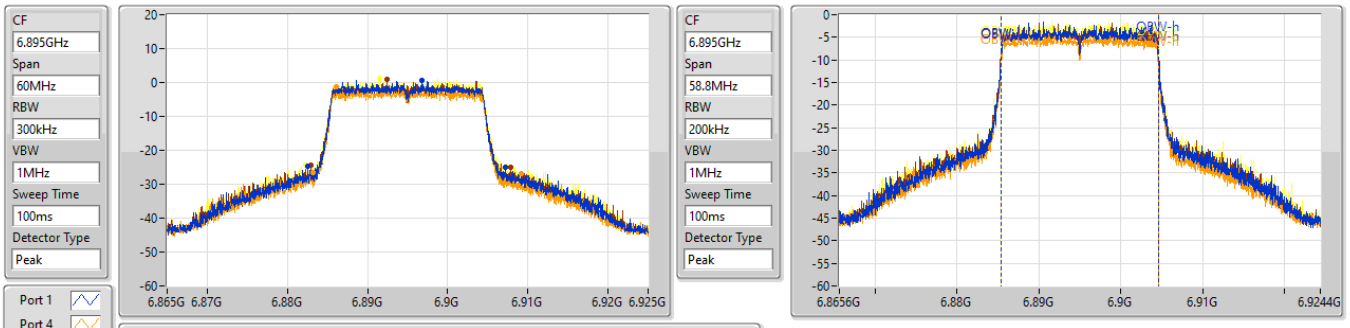


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.32M	6.86099G	6.88631G	19.16M	6.865405G	6.884565G	Inf	1
23.34M	6.86291G	6.88625G	19.16M	6.865405G	6.884565G	Inf	4
25.05M	6.86375G	6.8888G	19.16M	6.865405G	6.884565G	Inf	5
26.49M	6.86042G	6.88691G	19.16M	6.865405G	6.884565G	Inf	7

6.875-7.125GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

6895MHz

28/10/2022

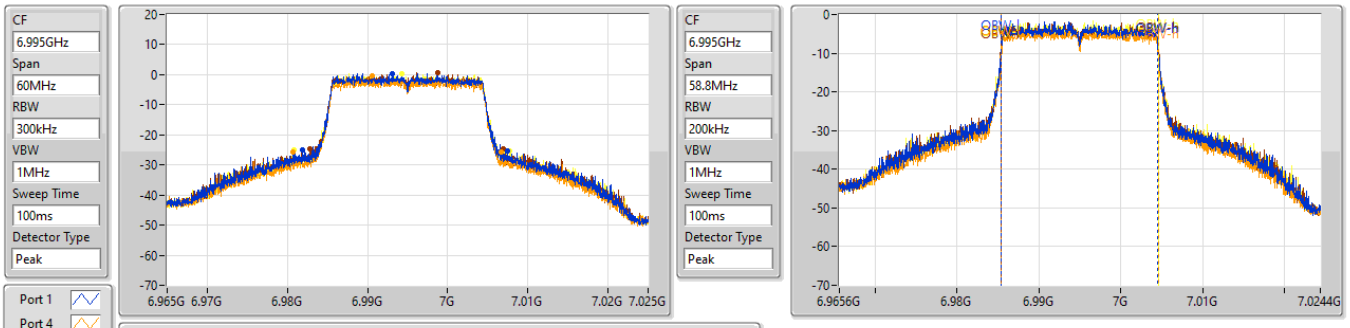


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.69M	6.88255G	6.90724G	19.159M	6.88542G	6.90458G	Inf	1
26.04M	6.88318G	6.90922G	19.218M	6.885391G	6.904609G	Inf	4
24.93M	6.88288G	6.90781G	19.189M	6.885391G	6.90458G	Inf	5
25.11M	6.88228G	6.90739G	19.189M	6.885391G	6.90458G	Inf	8

6.875-7.125GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

6995MHz

28/10/2022

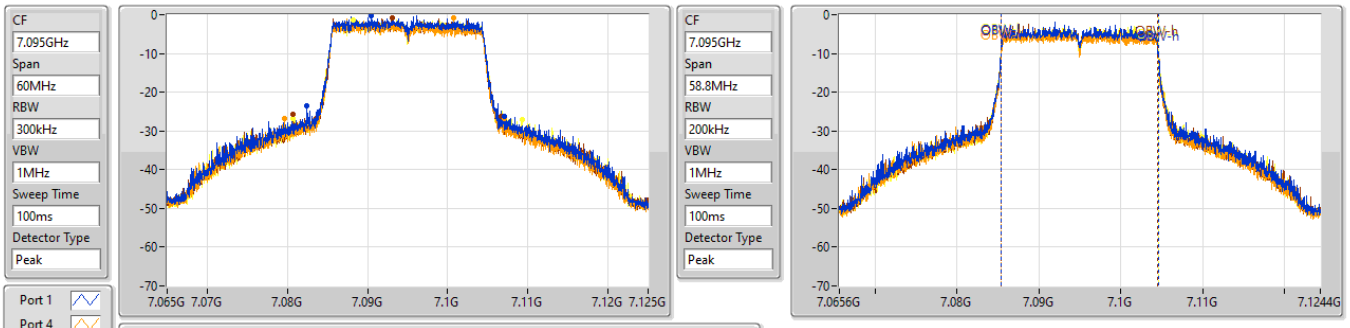


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.62M	6.98189G	7.00751G	19.13M	6.98542G	7.00455G	Inf	1
25.92M	6.98072G	7.00664G	19.189M	6.985391G	7.00458G	Inf	4
24.15M	6.98279G	7.00694G	19.218M	6.985362G	7.00458G	Inf	5
26.94M	6.98084G	7.00778G	19.189M	6.985391G	7.00458G	Inf	8

6.875-7.125GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

7095MHz

28/10/2022

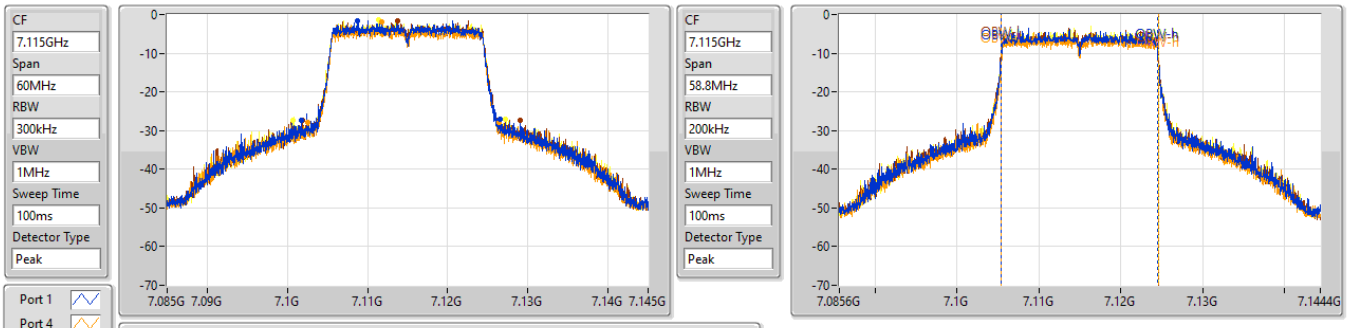


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.66M	7.08246G	7.10712G	19.189M	7.085391G	7.10458G	Inf	1
27.39M	7.07961G	7.107G	19.189M	7.085391G	7.10458G	Inf	4
25.98M	7.08075G	7.10673G	19.159M	7.085391G	7.10455G	Inf	5
28.53M	7.08072G	7.10925G	19.218M	7.085362G	7.10458G	Inf	8

6.875-7.125GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

7115MHz

28/10/2022

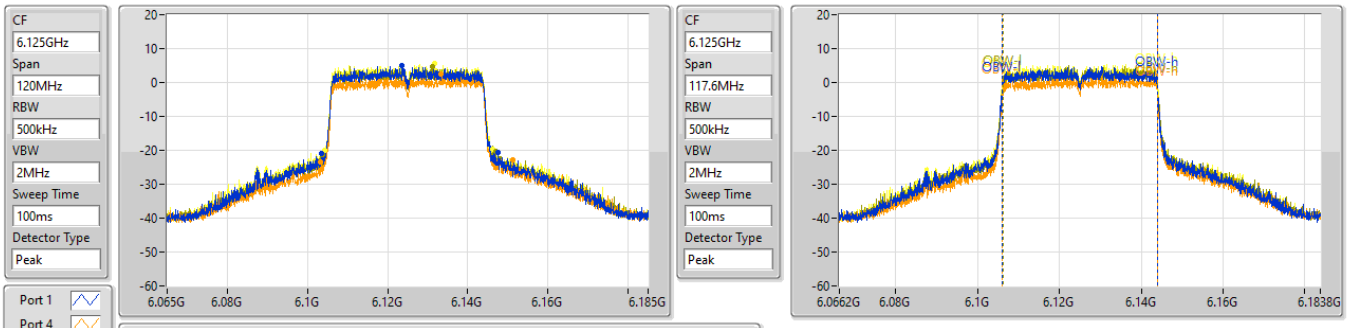


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.84M	7.10171G	7.12655G	19.159M	7.105391G	7.12455G	Inf	1
23.94M	7.10252G	7.12646G	19.189M	7.105391G	7.12458G	Inf	4
27.21M	7.10186G	7.12907G	19.218M	7.105362G	7.12458G	Inf	5
26.49M	7.10069G	7.12718G	19.189M	7.105391G	7.12458G	Inf	8

5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

6125MHz

28/10/2022

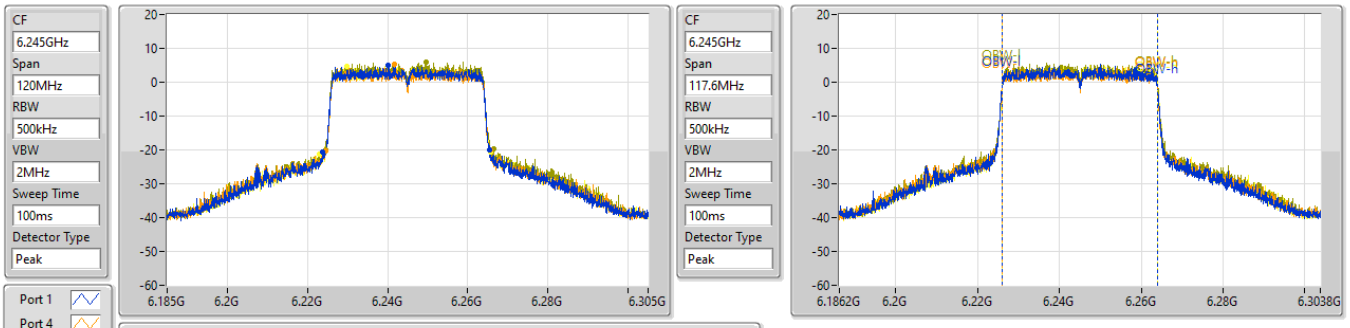


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.04M	6.10352G	6.14756G	37.848M	6.106076G	6.143924G	Inf	1
47.94M	6.10322G	6.15116G	37.907M	6.106076G	6.143983G	Inf	4
43.14M	6.10382G	6.14696G	37.79M	6.106135G	6.143924G	Inf	6
42M	6.10418G	6.14618G	37.848M	6.106076G	6.143924G	Inf	8

5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

6245MHz

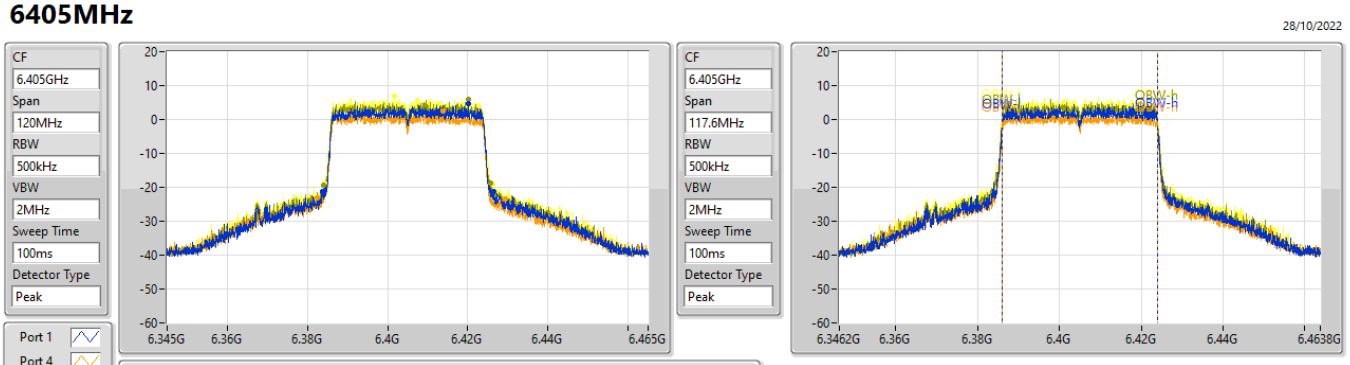
28/10/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.7M	6.22382G	6.26552G	37.848M	6.226076G	6.263924G	Inf	1
41.1M	6.22448G	6.26558G	37.907M	6.226017G	6.263924G	Inf	4
42M	6.22448G	6.26648G	37.848M	6.226076G	6.263924G	Inf	6
42.72M	6.22298G	6.2657G	37.848M	6.226076G	6.263924G	Inf	8

5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

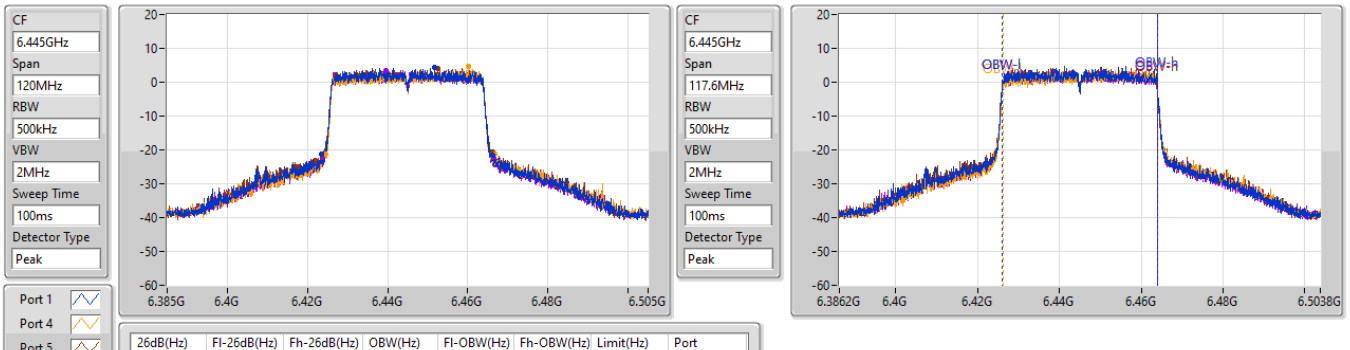
6405MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.72M	6.38376G	6.42648G	37.907M	6.386017G	6.423924G	Inf	1
46.92M	6.38238G	6.4293G	37.907M	6.386017G	6.423924G	Inf	4
41.82M	6.384G	6.42582G	37.907M	6.386017G	6.423924G	Inf	6
41.88M	6.3843G	6.42618G	37.907M	6.386017G	6.423924G	Inf	8

6.425-6.525GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

6445MHz

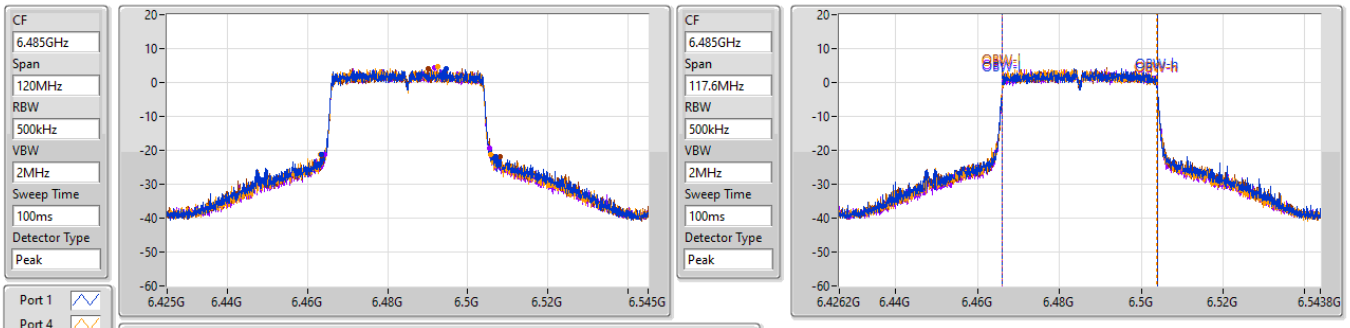


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.6M	6.42358G	6.46618G	37.848M	6.426076G	6.463924G	Inf	1
42.12M	6.4246G	6.46672G	37.848M	6.426135G	6.463983G	Inf	4
42.6M	6.42376G	6.46636G	37.848M	6.426076G	6.463924G	Inf	5
42.84M	6.42364G	6.46648G	37.848M	6.426076G	6.463924G	Inf	7

6.425-6.525GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

6485MHz

28/10/2022

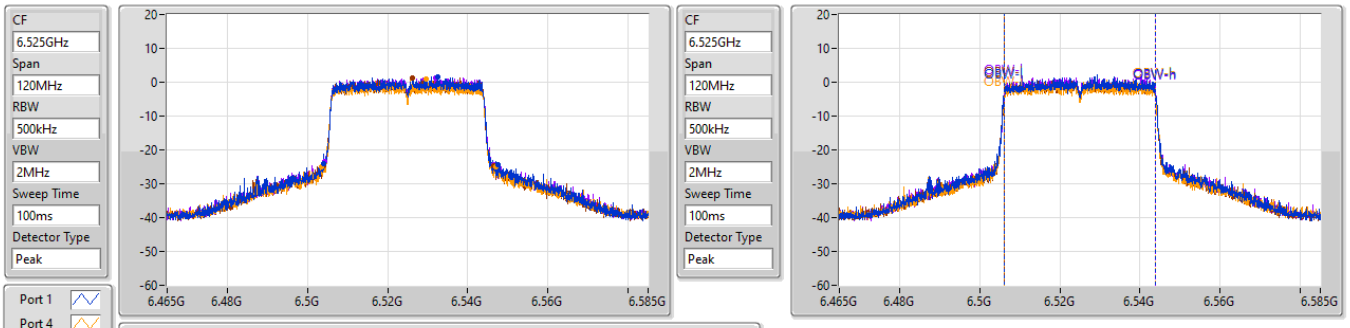


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.5M	6.4634G	6.5069G	37.848M	6.466076G	6.503924G	Inf	1
42.36M	6.46334G	6.5057G	37.79M	6.466076G	6.503865G	Inf	4
44.76M	6.4634G	6.50816G	37.848M	6.466076G	6.503924G	Inf	5
41.1M	6.46436G	6.50546G	37.848M	6.466076G	6.503924G	Inf	7

6.425-6.525GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

6525MHz Straddle 6.425-6.525GHz

28/10/2022

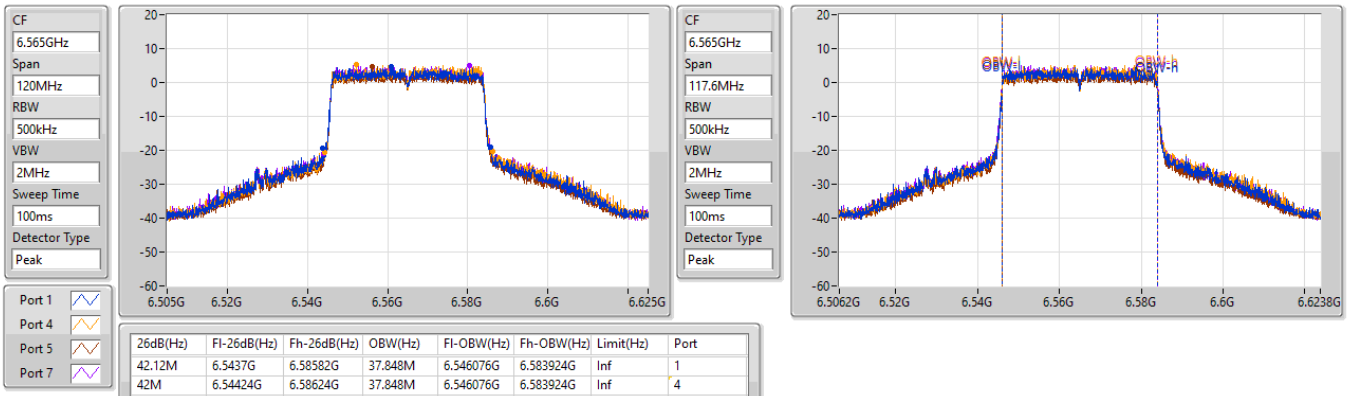


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.62M	6.50394G	6.54756G	37.901M	6.506049G	6.543951G	Inf	1
43.44M	6.50352G	6.54696G	37.901M	6.506049G	6.543951G	Inf	4
42.66M	6.50394G	6.5466G	37.841M	6.506049G	6.543891G	Inf	5
42.36M	6.50418G	6.54654G	37.841M	6.506109G	6.543951G	Inf	7

6.525-6.875GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

6565MHz

28/10/2022

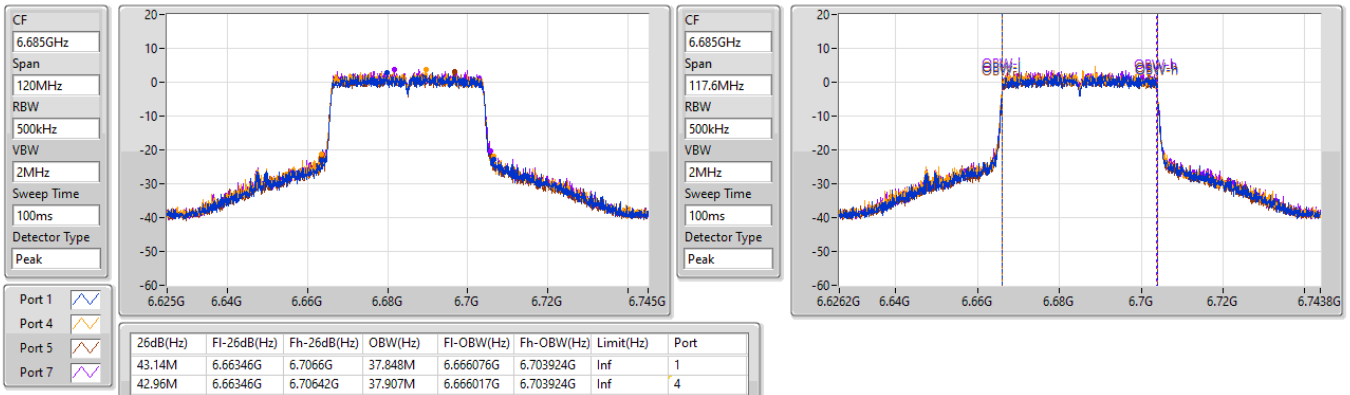


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.12M	6.5437G	6.58582G	37.848M	6.546076G	6.583924G	Inf	1
42M	6.54424G	6.58624G	37.848M	6.546076G	6.583924G	Inf	4
41.52M	6.54442G	6.58594G	37.848M	6.546076G	6.583924G	Inf	5
42M	6.54394G	6.58594G	37.907M	6.546017G	6.583924G	Inf	7

6.525-6.875GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

6685MHz

28/10/2022

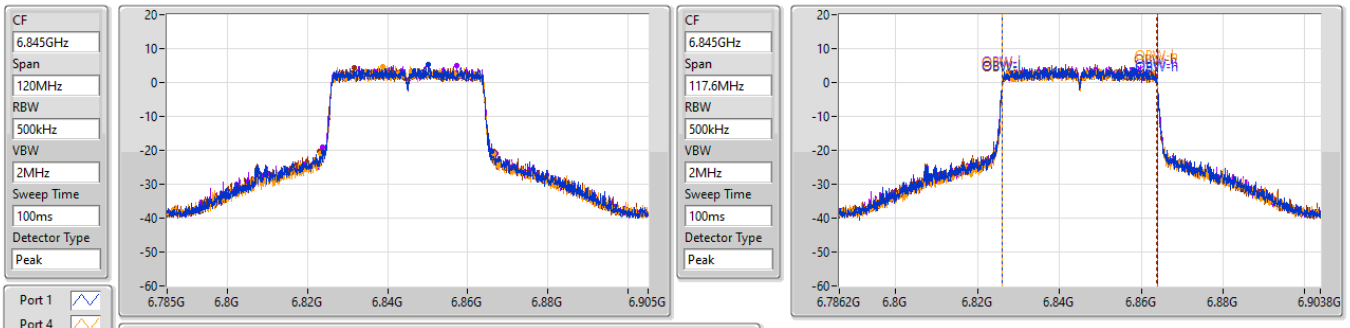


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.14M	6.66346G	6.7066G	37.848M	6.666076G	6.703924G	Inf	1
42.96M	6.66346G	6.70642G	37.907M	6.666017G	6.703924G	Inf	4
42.66M	6.6634G	6.70606G	37.848M	6.666076G	6.703924G	Inf	5
42.06M	6.66376G	6.70582G	37.79M	6.666076G	6.703865G	Inf	7

6.525-6.875GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

6845MHz

28/10/2022

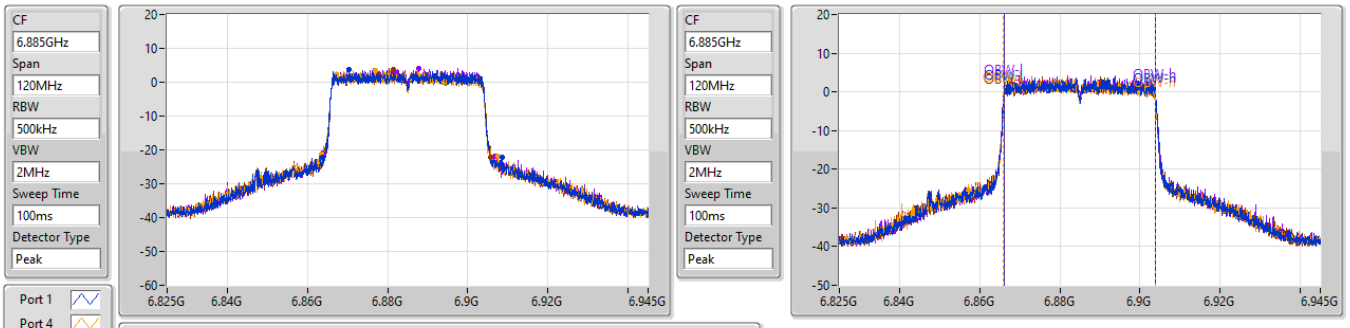


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42M	6.824G	6.866G	37.907M	6.826017G	6.863924G	Inf	1
43.14M	6.82334G	6.86648G	37.848M	6.826076G	6.863924G	Inf	4
43.5M	6.82298G	6.86648G	37.848M	6.826017G	6.863865G	Inf	5
43.26M	6.82382G	6.86708G	37.907M	6.826017G	6.863924G	Inf	7

6.525-6.875GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

6885MHz Straddle 6.525-6.875GHz

28/10/2022

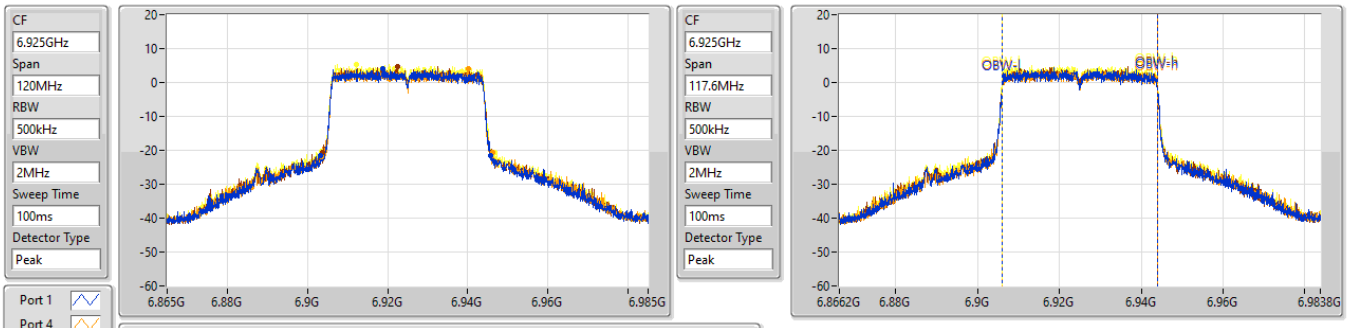


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.94M	6.86376G	6.9087G	37.901M	6.866049G	6.903951G	Inf	1
43.86M	6.86358G	6.90744G	37.901M	6.86599G	6.903891G	Inf	4
42.3M	6.86352G	6.90582G	37.841M	6.866049G	6.903891G	Inf	5
43.08M	6.86376G	6.90684G	37.841M	6.866049G	6.903891G	Inf	7

6.875-7.125GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

6925MHz

28/10/2022

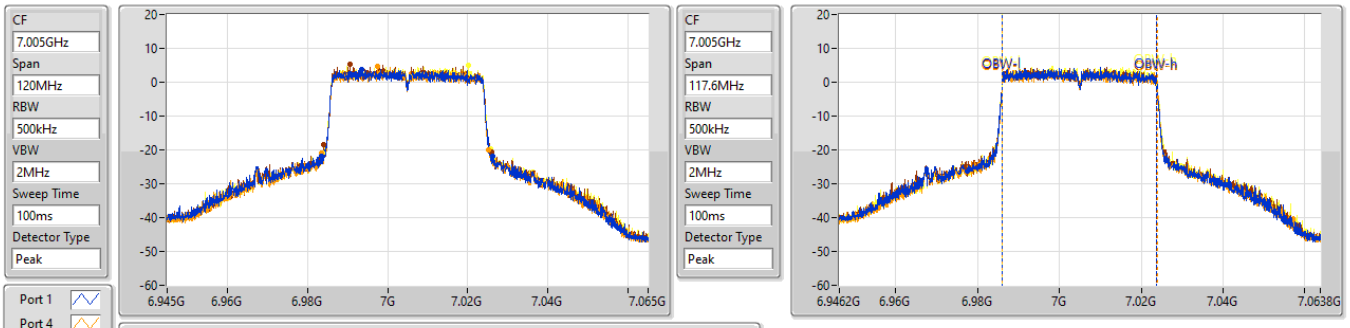


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.42M	6.90334G	6.94576G	37.907M	6.906017G	6.943924G	Inf	1
42.72M	6.90352G	6.94624G	37.907M	6.906017G	6.943924G	Inf	4
42.24M	6.90376G	6.946G	37.907M	6.906017G	6.943924G	Inf	5
43.2M	6.90358G	6.94678G	37.907M	6.906017G	6.943924G	Inf	8

6.875-7.125GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

7005MHz

28/10/2022

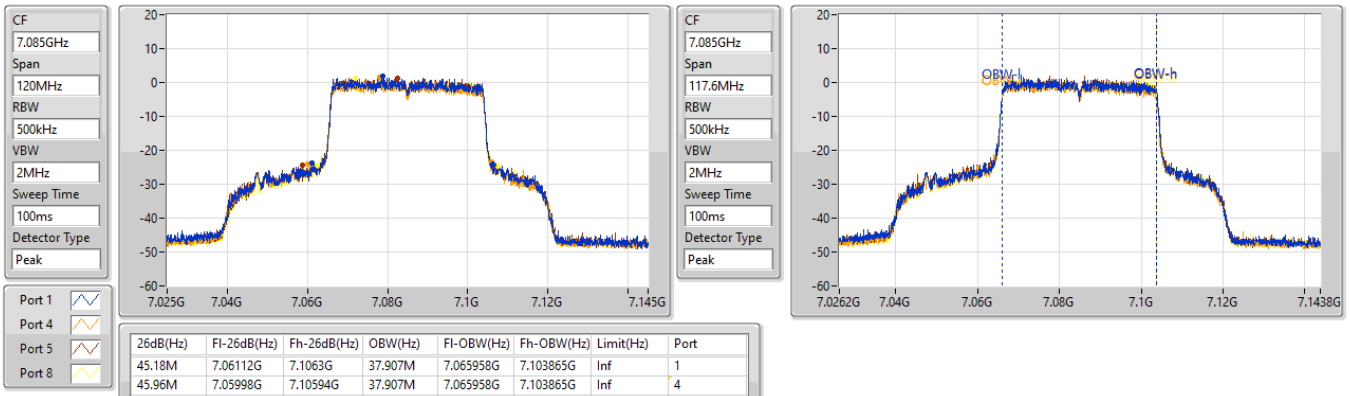


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.96M	6.9834G	7.02636G	37.848M	6.986017G	7.023865G	Inf	1
41.88M	6.9834G	7.02528G	37.907M	6.986017G	7.023924G	Inf	4
41.94M	6.98412G	7.02606G	37.848M	6.986017G	7.023865G	Inf	5
41.94M	6.98376G	7.0257G	37.848M	6.986017G	7.023865G	Inf	8

6.875-7.125GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

7085MHz

28/10/2022

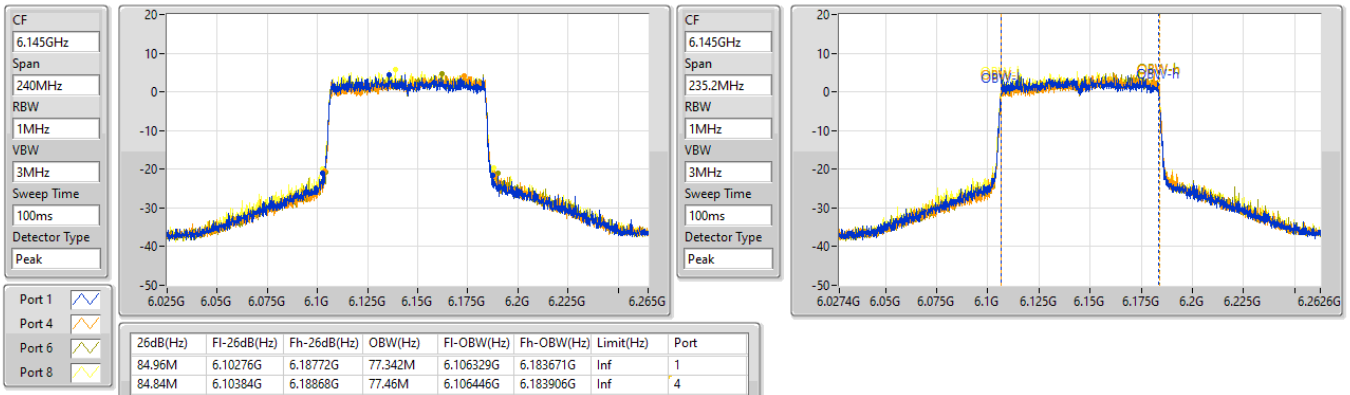


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.18M	7.06112G	7.1063G	37.907M	7.065958G	7.103865G	Inf	1
45.96M	7.05998G	7.10594G	37.907M	7.065958G	7.103865G	Inf	4
47.7M	7.05872G	7.10642G	37.848M	7.066017G	7.103865G	Inf	5
45.06M	7.0625G	7.10756G	37.848M	7.066017G	7.103865G	Inf	8

5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

6145MHz

28/10/2022

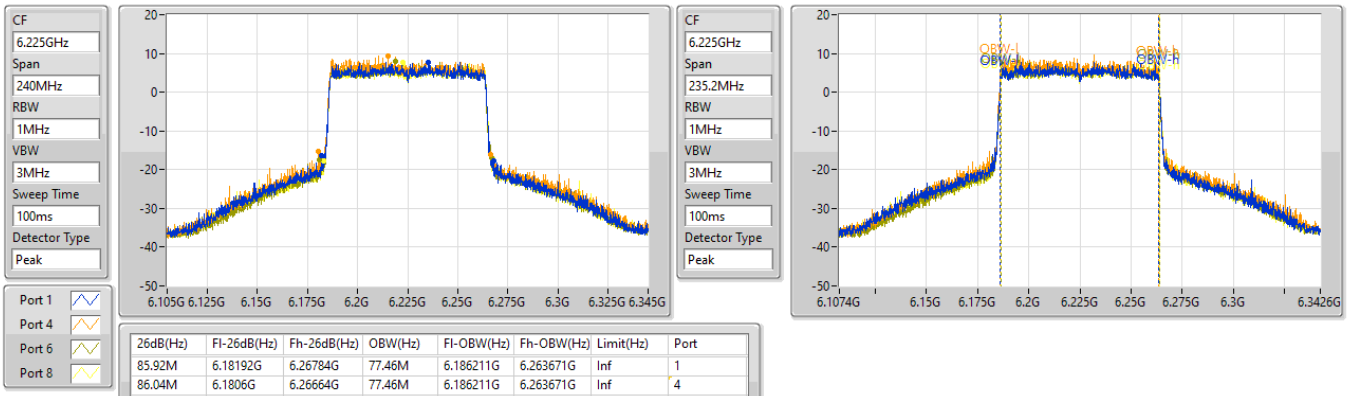


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.96M	6.10276G	6.18772G	77.342M	6.106329G	6.183671G	Inf	1
84.84M	6.10384G	6.18868G	77.46M	6.106446G	6.183906G	Inf	4
85.8M	6.10408G	6.18988G	77.342M	6.106446G	6.183789G	Inf	6
85.32M	6.10252G	6.18784G	77.46M	6.106329G	6.183789G	Inf	8

5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

6225MHz

28/10/2022

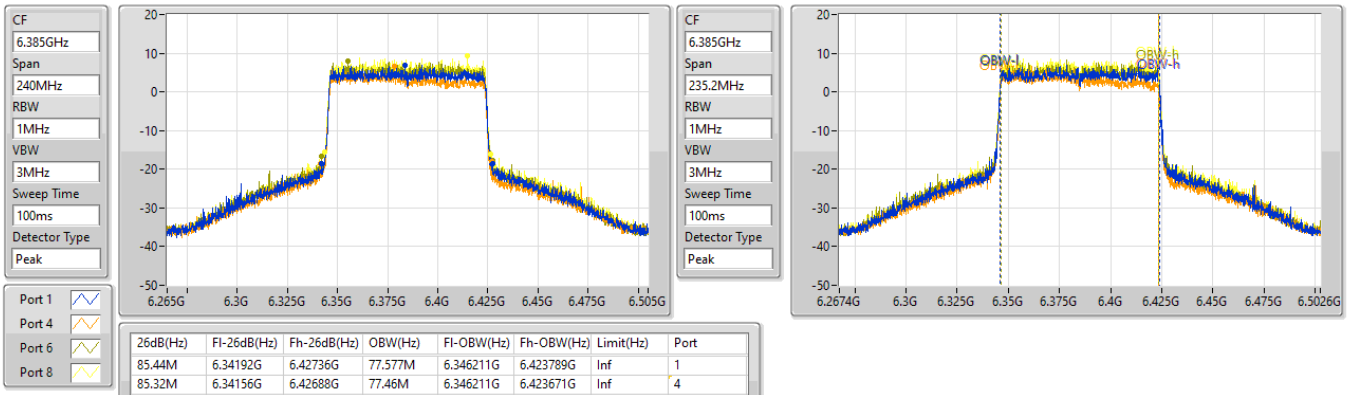


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
85.92M	6.18192G	6.26784G	77.46M	6.186211G	6.263671G	Inf	1
86.04M	6.1806G	6.26664G	77.46M	6.186211G	6.263671G	Inf	4
86.16M	6.18084G	6.267G	77.46M	6.186329G	6.263789G	Inf	6
84.48M	6.18324G	6.26772G	77.46M	6.186329G	6.263789G	Inf	8

5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

6385MHz

28/10/2022

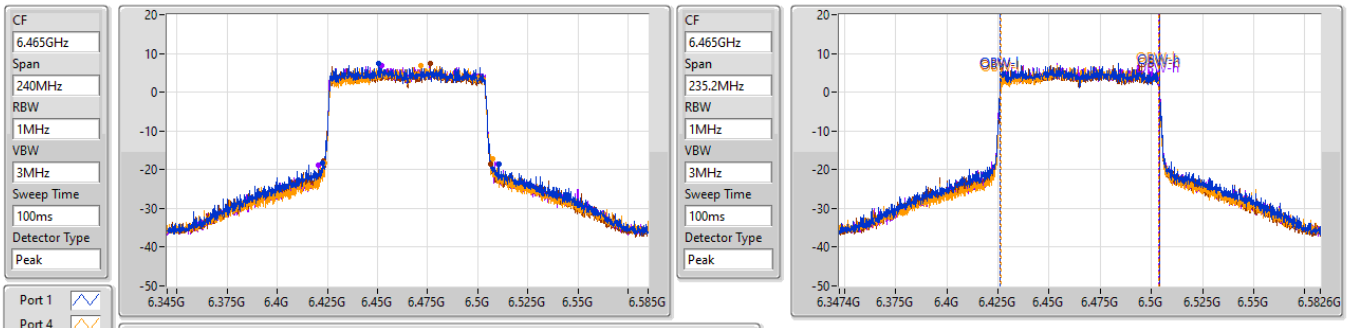


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
85.44M	6.34192G	6.42736G	77.577M	6.346211G	6.423789G	Inf	1
85.32M	6.34156G	6.42688G	77.46M	6.346211G	6.423671G	Inf	4
85.56M	6.34192G	6.42748G	77.342M	6.346329G	6.423671G	Inf	6
82.8M	6.34348G	6.42628G	77.46M	6.346211G	6.423671G	Inf	8

6.425-6.525GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

6465MHz

28/10/2022

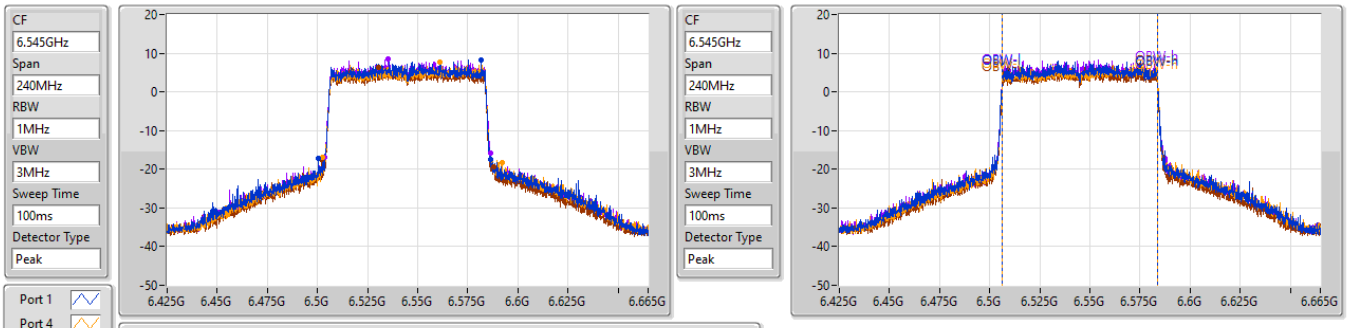


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
87.96M	6.42252G	6.51048G	77.577M	6.426211G	6.503789G	Inf	1
83.64M	6.42384G	6.50748G	77.225M	6.426446G	6.503671G	Inf	4
83.28M	6.42324G	6.50652G	77.577M	6.426211G	6.503789G	Inf	5
89.64M	6.4206G	6.51024G	77.46M	6.426211G	6.503671G	Inf	7

6.425-6.525GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

6545MHz Straddle 6.425-6.525GHz

28/10/2022

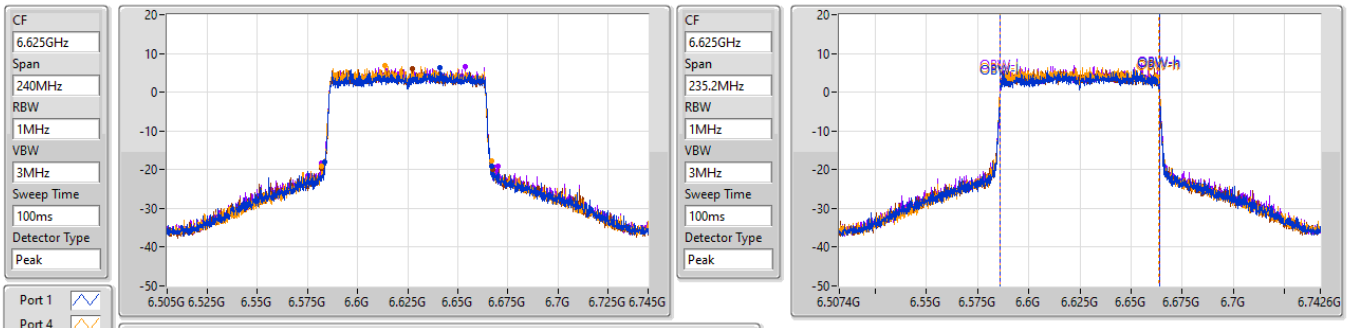


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
85.92M	6.5006G	6.58652G	77.481M	6.506259G	6.583741G	Inf	1
89.4M	6.50264G	6.59204G	77.601M	6.506259G	6.583861G	Inf	4
86.04M	6.50216G	6.5882G	77.361M	6.506379G	6.583741G	Inf	5
82.8M	6.50336G	6.58616G	77.361M	6.506379G	6.583741G	Inf	7

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

6625MHz

28/10/2022

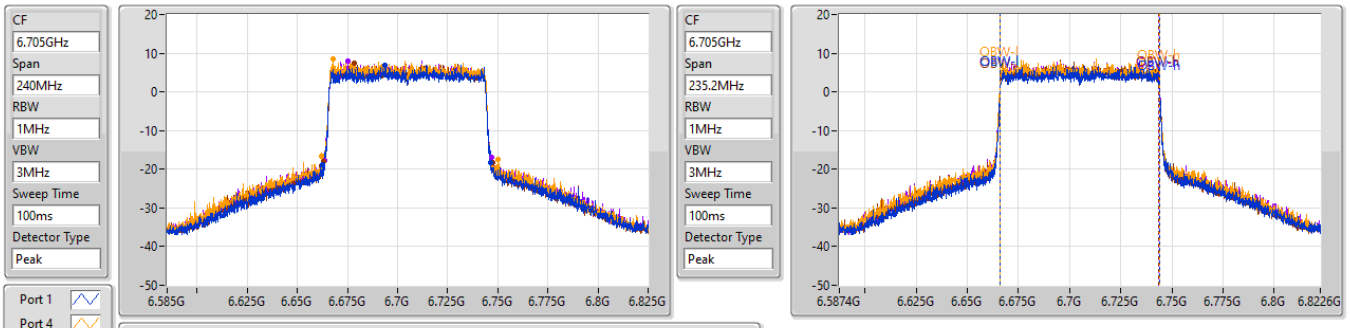


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.28M	6.58372G	6.667G	77.577M	6.586211G	6.663789G	Inf	1
84.72M	6.58204G	6.66676G	77.46M	6.586211G	6.663671G	Inf	4
85.68M	6.58192G	6.6676G	77.577M	6.586211G	6.663789G	Inf	5
88.2M	6.5818G	6.67G	77.577M	6.586211G	6.663789G	Inf	7

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

6705MHz

28/10/2022

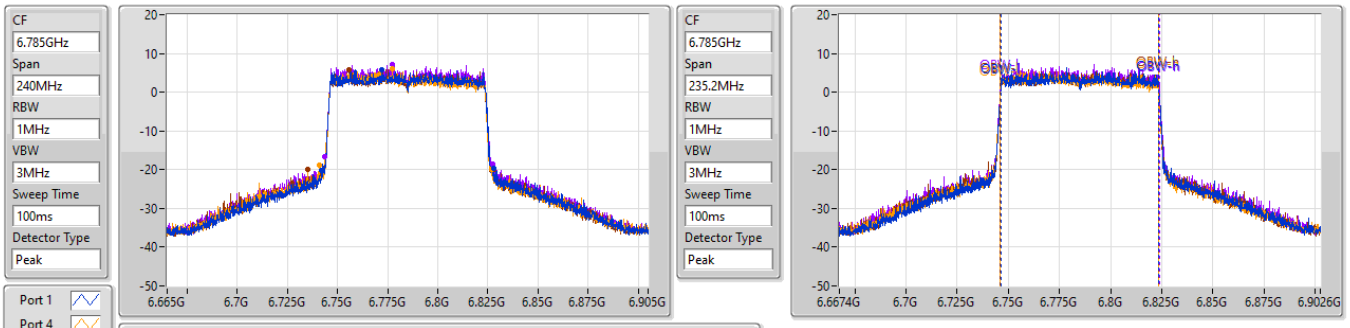


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.76M	6.66276G	6.74652G	77.577M	6.666211G	6.743789G	Inf	1
87.84M	6.66204G	6.74988G	77.577M	6.666211G	6.743789G	Inf	4
84.6M	6.663G	6.7476G	77.46M	6.666211G	6.743671G	Inf	5
83.4M	6.6636G	6.747G	77.46M	6.666211G	6.743671G	Inf	7

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

6785MHz

28/10/2022

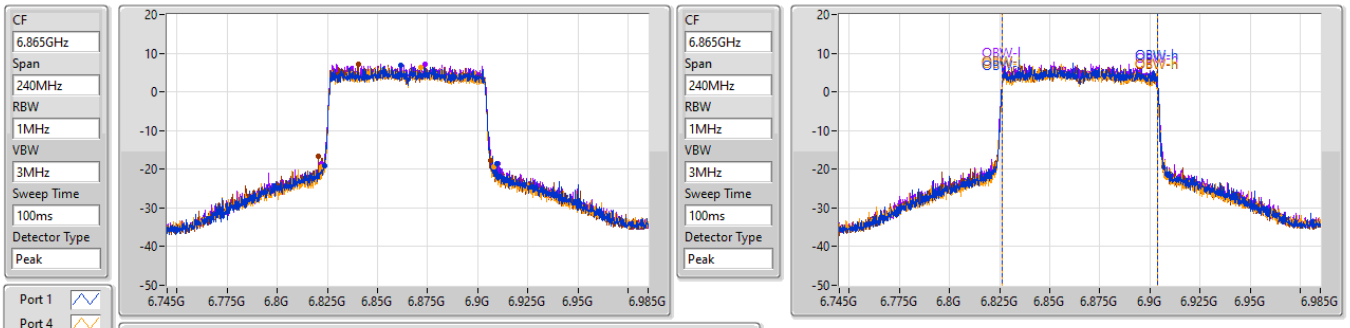


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
85.8M	6.74204G	6.82784G	77.342M	6.746329G	6.823671G	Inf	1
86.04M	6.74072G	6.82676G	77.46M	6.746211G	6.823671G	Inf	4
92.76M	6.73532G	6.82808G	77.46M	6.746211G	6.823671G	Inf	5
83.64M	6.74372G	6.82736G	77.577M	6.746211G	6.823789G	Inf	7

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

6865MHz Straddle 6.525-6.875GHz

28/10/2022

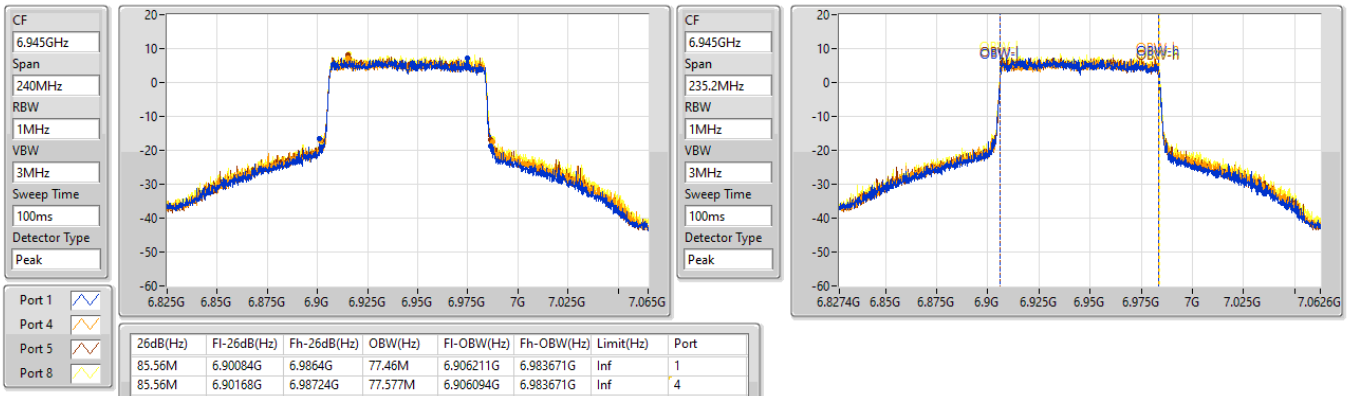


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
86.28M	6.82336G	6.90964G	77.481M	6.826259G	6.903741G	Inf	1
86.16M	6.82204G	6.9082G	77.481M	6.826259G	6.903741G	Inf	4
86.04M	6.8206G	6.90664G	77.481M	6.826139G	6.903621G	Inf	5
88.32M	6.82204G	6.91036G	77.481M	6.826259G	6.903741G	Inf	7

6.875-7.125GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

6945MHz

28/10/2022

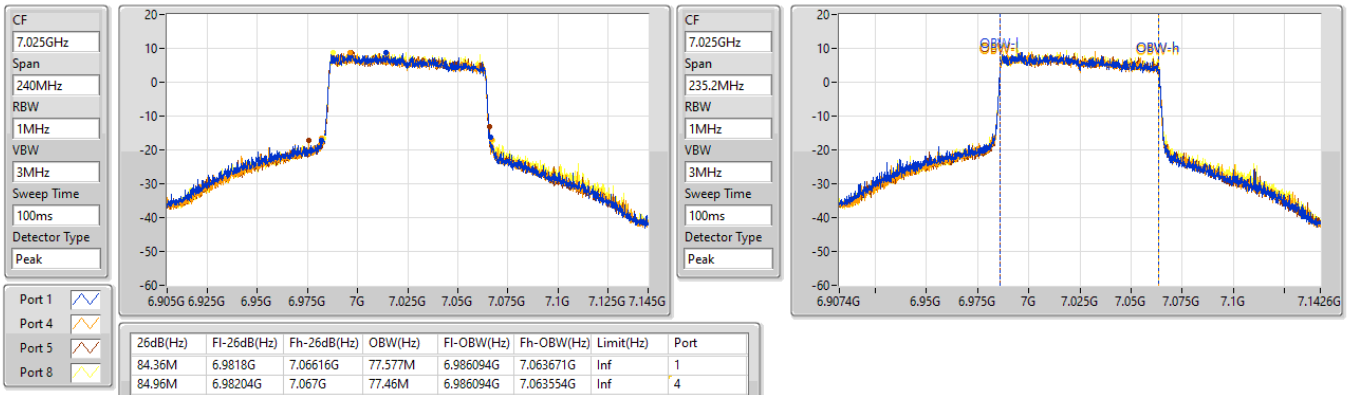


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
85.56M	6.90084G	6.9864G	77.46M	6.906211G	6.983671G	Inf	1
85.56M	6.90168G	6.98724G	77.577M	6.906094G	6.983671G	Inf	4
84.24M	6.90192G	6.98616G	77.46M	6.906211G	6.983671G	Inf	5
85.8M	6.9018G	6.9876G	77.695M	6.906094G	6.983789G	Inf	8

6.875-7.125GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

7025MHz

28/10/2022

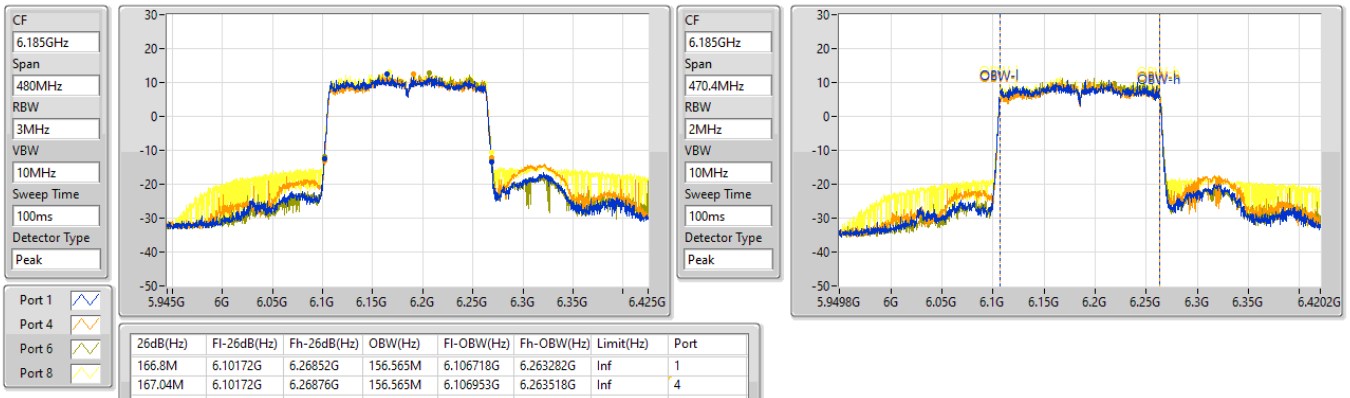


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.36M	6.9818G	7.06616G	77.577M	6.986094G	7.063671G	Inf	1
84.96M	6.98204G	7.067G	77.46M	6.986094G	7.063554G	Inf	4
90.12M	6.97556G	7.06568G	77.577M	6.986094G	7.063671G	Inf	5
84.6M	6.98288G	7.06748G	77.577M	6.986094G	7.063671G	Inf	8

5.925-6.425GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX **EBW**

6185MHz

28/10/2022

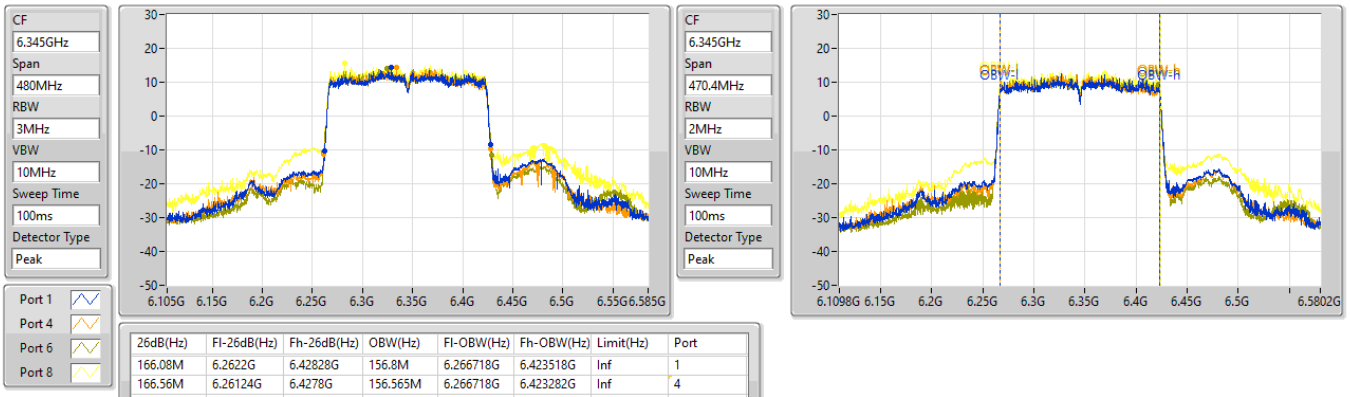


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
166.8M	6.10172G	6.26852G	156.565M	6.106718G	6.263282G	Inf	1
167.04M	6.10172G	6.26876G	156.565M	6.106953G	6.263518G	Inf	4
167.52M	6.10172G	6.26924G	156.565M	6.106953G	6.263518G	Inf	6
167.28M	6.10148G	6.26876G	156.8M	6.106718G	6.263518G	Inf	8

5.925-6.425GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX **EBW**

6345MHz

28/10/2022

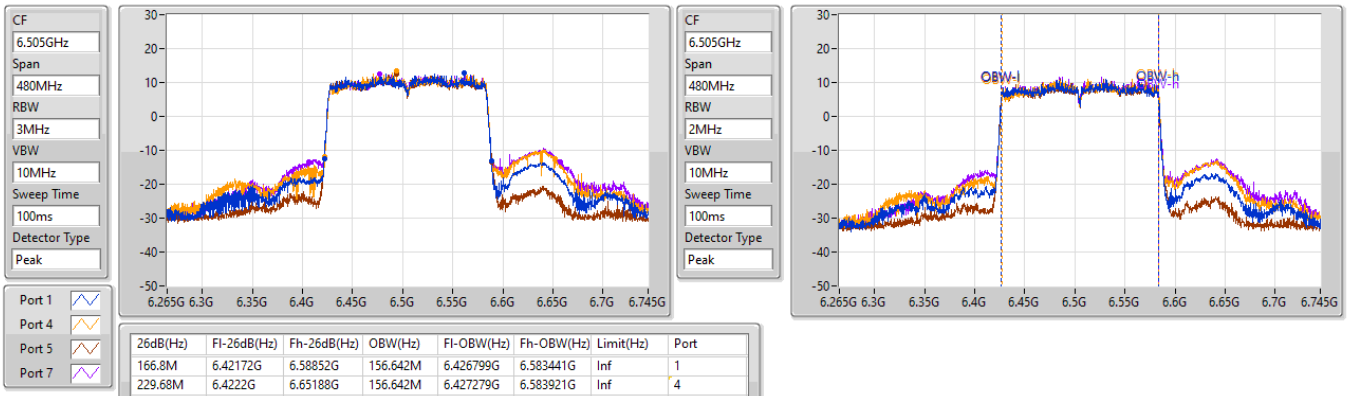


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
166.08M	6.2622G	6.42828G	156.8M	6.266718G	6.423518G	Inf	1
166.56M	6.26124G	6.4278G	156.565M	6.266718G	6.423282G	Inf	4
167.52M	6.26148G	6.429G	156.33M	6.266953G	6.423282G	Inf	6
249.6M	6.2418G	6.4914G	157.27M	6.266482G	6.423753G	Inf	8

6.425-6.525GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX **EBW**

6505MHz Straddle 6.425-6.525GHz

28/10/2022

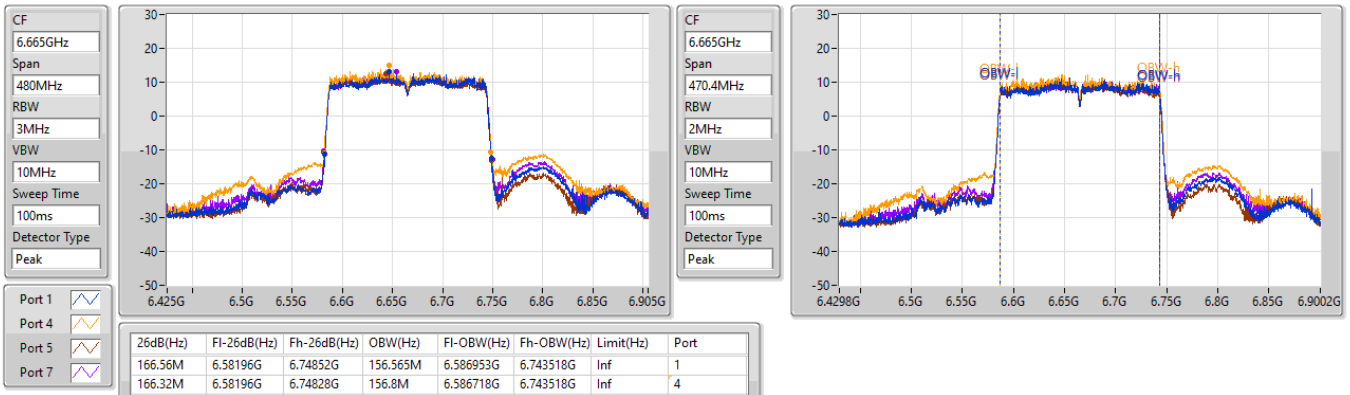


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
166.8M	6.42172G	6.58852G	156.642M	6.426799G	6.583441G	Inf	1
229.68M	6.4222G	6.65188G	156.642M	6.427279G	6.583921G	Inf	4
167.52M	6.42172G	6.58924G	156.642M	6.426799G	6.583441G	Inf	5
250.08M	6.40684G	6.65692G	157.121M	6.426799G	6.583921G	Inf	7

6.525-6.875GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX **EBW**

6665MHz

28/10/2022

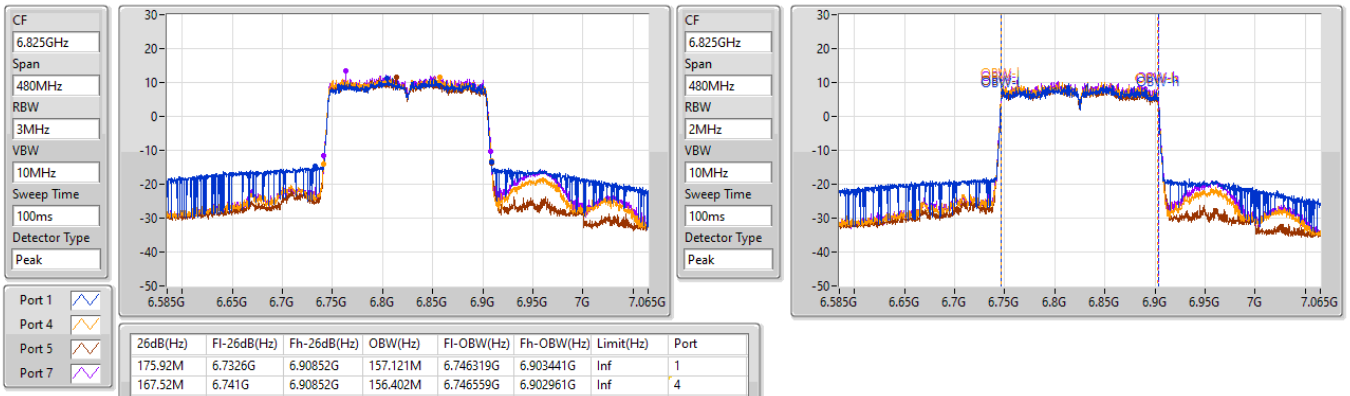


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
166.56M	6.58196G	6.74852G	156.565M	6.586953G	6.743518G	Inf	1
166.32M	6.58196G	6.74828G	156.8M	6.586718G	6.743518G	Inf	4
167.52M	6.58148G	6.749G	156.565M	6.586718G	6.743282G	Inf	5
168M	6.58148G	6.74948G	156.8M	6.586718G	6.743518G	Inf	7

6.525-6.875GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX **EBW**

6825MHz Straddle 6.525-6.875GHz

28/10/2022

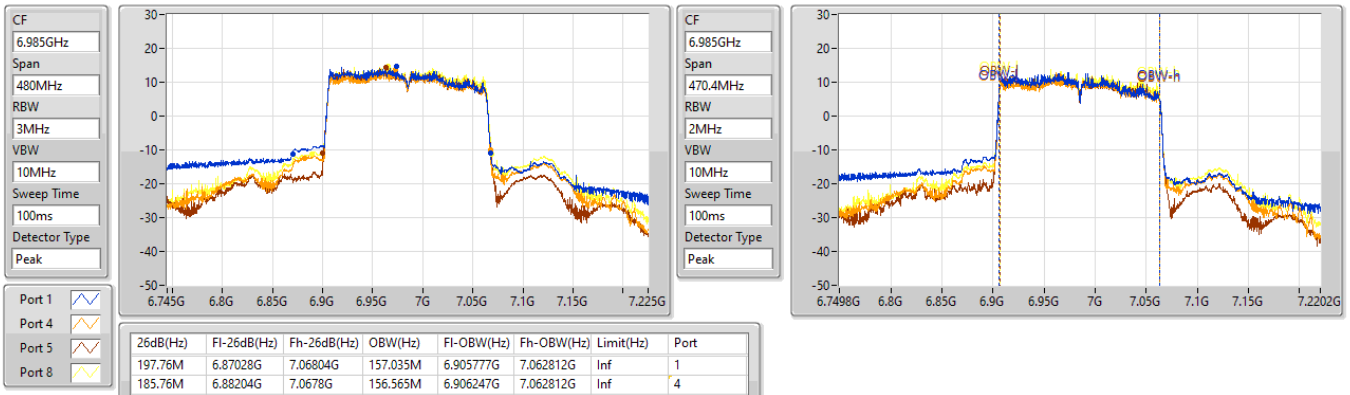


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
175.92M	6.7326G	6.90852G	157.121M	6.746319G	6.903441G	Inf	1
167.52M	6.741G	6.90852G	156.402M	6.746559G	6.902961G	Inf	4
167.52M	6.74124G	6.90876G	156.402M	6.746559G	6.902961G	Inf	5
166.56M	6.74148G	6.90804G	156.402M	6.746799G	6.903201G	Inf	7

6.875-7.125GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX **EBW**

6985MHz

28/10/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
197.76M	6.87028G	7.06804G	157.035M	6.905777G	7.062812G	Inf	1
185.76M	6.88204G	7.0678G	156.565M	6.906247G	7.062812G	Inf	4
167.76M	6.90052G	7.06828G	156.095M	6.906482G	7.062577G	Inf	5
179.52M	6.88924G	7.06876G	156.33M	6.906482G	7.062812G	Inf	8

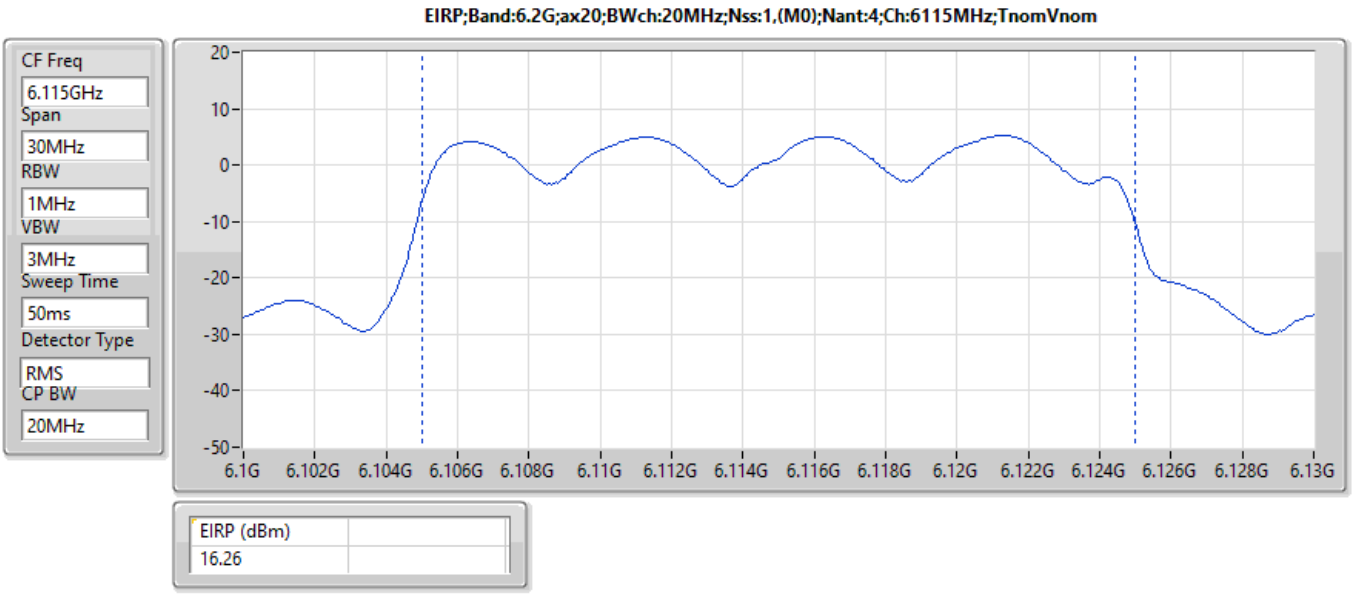
Summary

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	16.93	0.04932
802.11ax HEW40_Nss1,(MCS0)_4TX	19.41	0.08730
802.11ax HEW80_Nss1,(MCS0)_4TX	22.77	0.18923
802.11ax HEW160_Nss1,(MCS0)_4TX	24.55	0.28510
6.425-6.525GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	15.34	0.03420
802.11ax HEW40_Nss1,(MCS0)_4TX	17.99	0.06295
802.11ax HEW80_Nss1,(MCS0)_4TX	21.33	0.13583
802.11ax HEW160_Nss1,(MCS0)_4TX	23.46	0.22182
6.525-6.875GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	15.42	0.03483
802.11ax HEW40_Nss1,(MCS0)_4TX	18.26	0.06699
802.11ax HEW80_Nss1,(MCS0)_4TX	21.47	0.14028
802.11ax HEW160_Nss1,(MCS0)_4TX	24.14	0.25942
6.875-7.125GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	15.29	0.03381
802.11ax HEW40_Nss1,(MCS0)_4TX	18.68	0.07379
802.11ax HEW80_Nss1,(MCS0)_4TX	22.27	0.16866
802.11ax HEW160_Nss1,(MCS0)_4TX	24.14	0.25942

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-
6115MHz	Pass	16.26	30.00
6255MHz	Pass	16.93	30.00
6415MHz	Pass	15.04	30.00
6435MHz	Pass	14.62	30.00
6475MHz	Pass	15.07	30.00
6515MHz	Pass	15.34	30.00
6535MHz	Pass	14.68	30.00
6695MHz	Pass	15.42	30.00
6855MHz	Pass	14.72	30.00
6875MHz Straddle 6.525-6.875GHz	Pass	14.97	30.00
6895MHz	Pass	15.04	30.00
6995MHz	Pass	15.29	30.00
7095MHz	Pass	14.76	30.00
7115MHz	Pass	9.62	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-
6125MHz	Pass	18.41	30.00
6245MHz	Pass	19.41	30.00
6405MHz	Pass	17.95	30.00
6445MHz	Pass	17.84	30.00
6485MHz	Pass	17.99	30.00
6525MHz Straddle 6.425-6.525GHz	Pass	17.98	30.00
6565MHz	Pass	17.93	30.00
6685MHz	Pass	17.39	30.00
6845MHz	Pass	18.02	30.00
6885MHz Straddle 6.525-6.875GHz	Pass	18.26	30.00
6925MHz	Pass	18.68	30.00
7005MHz	Pass	17.77	30.00
7085MHz	Pass	16.71	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-
6145MHz	Pass	21.72	30.00
6225MHz	Pass	22.77	30.00
6385MHz	Pass	21.15	30.00
6465MHz	Pass	21.23	30.00
6545MHz Straddle 6.425-6.525GHz	Pass	21.33	30.00
6625MHz	Pass	20.69	30.00
6705MHz	Pass	20.75	30.00
6785MHz	Pass	21.13	30.00
6865MHz Straddle 6.525-6.875GHz	Pass	21.47	30.00
6945MHz	Pass	22.27	30.00
7025MHz	Pass	20.26	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-
6185MHz	Pass	24.28	30.00
6345MHz	Pass	24.55	30.00
6505MHz Straddle 6.425-6.525GHz	Pass	23.46	30.00
6665MHz	Pass	24.14	30.00
6825MHz Straddle 6.525-6.875GHz	Pass	24.07	30.00
6985MHz	Pass	24.14	30.00

DG = Directional Gain; Port X = Port X output power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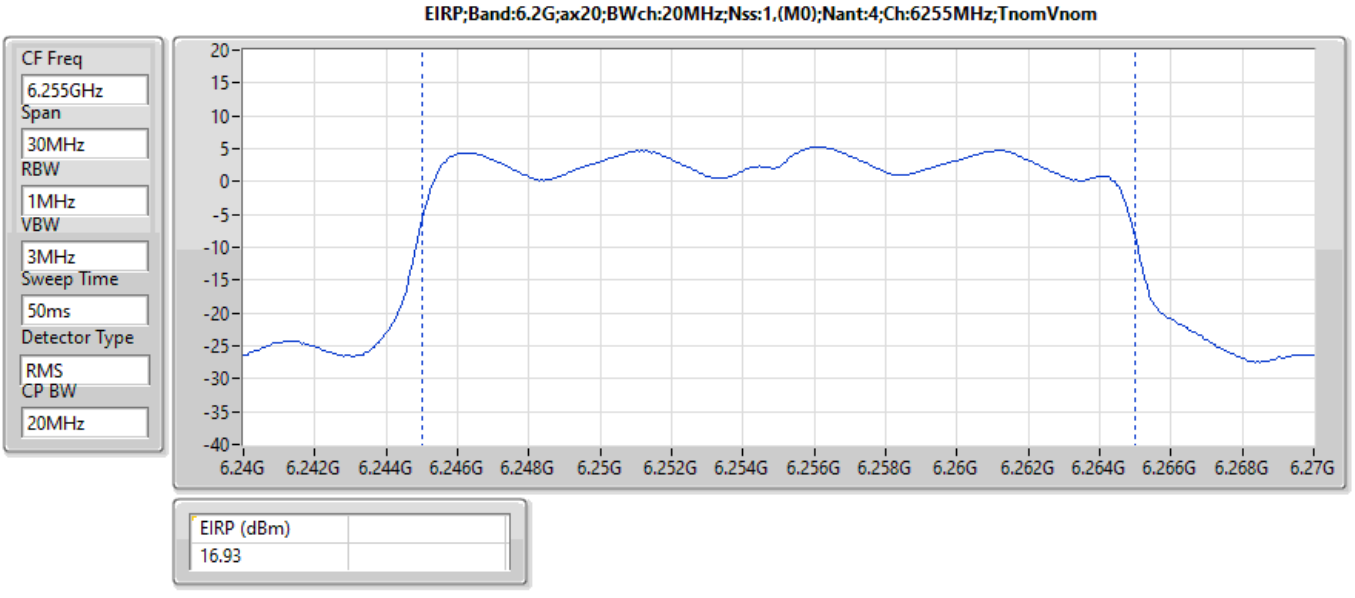
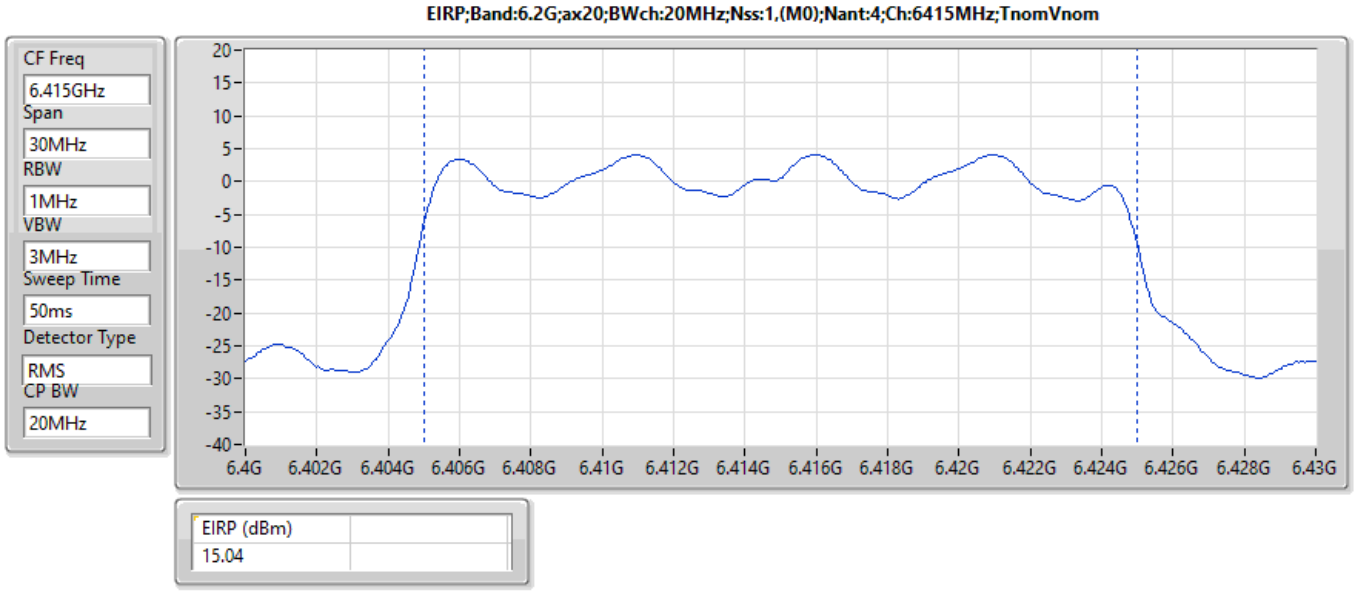
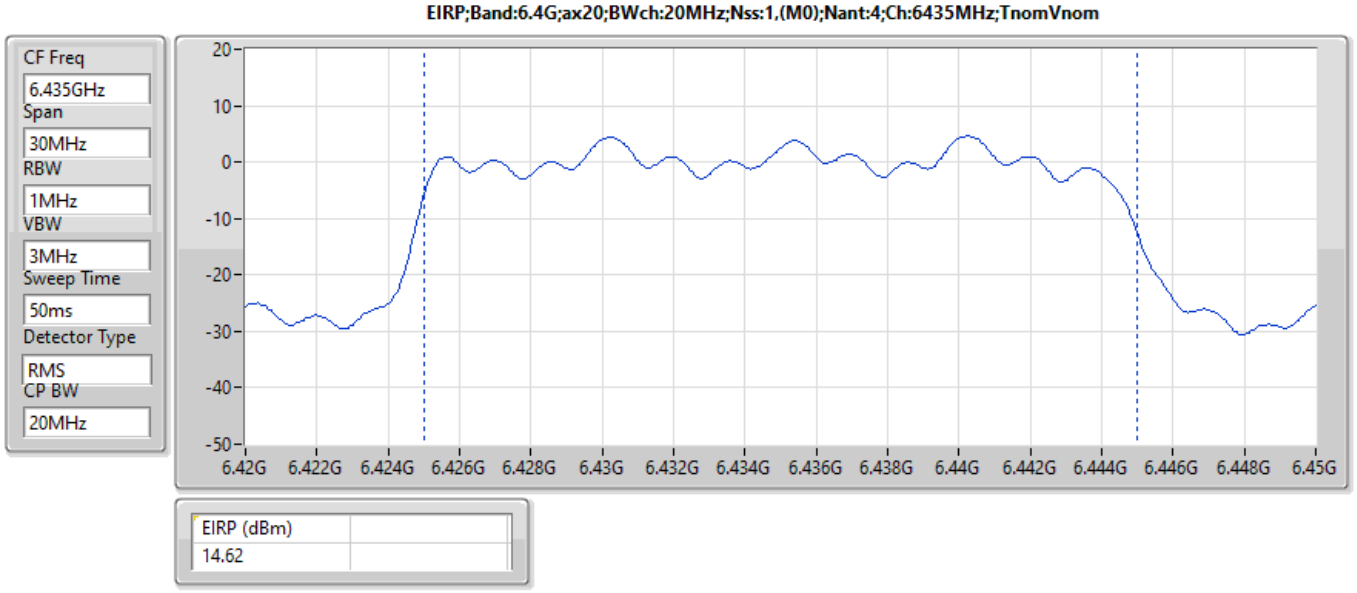
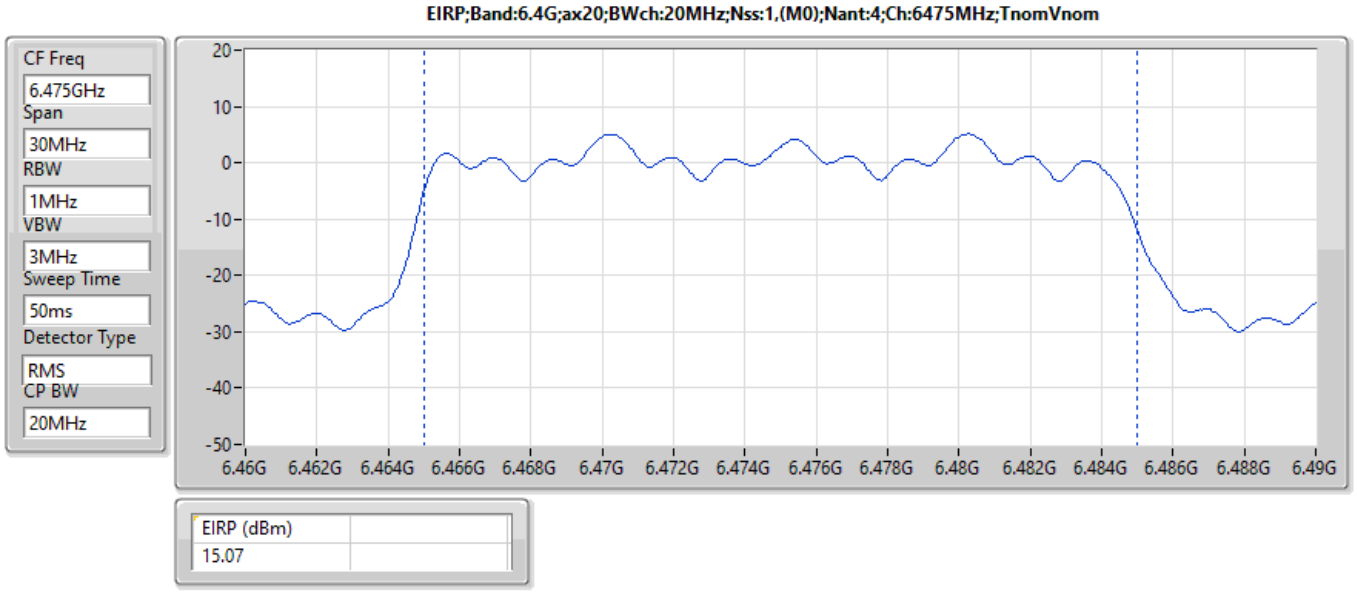
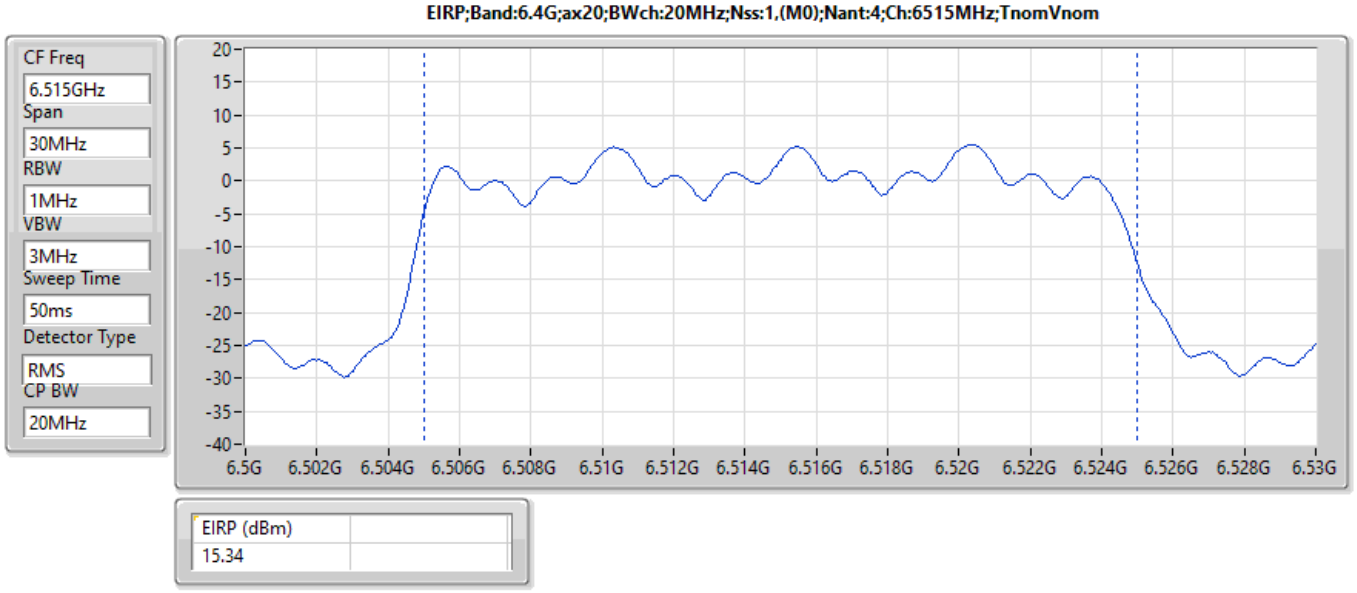
CF Freq
6.115GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
10
0
-10
-20
-30
-40
-50
6.1G
6.102G
6.104G
6.106G
6.108G
6.11G
6.112G
6.114G
6.116G
6.118G
6.12G
6.122G
6.124G
6.126G
6.128G
6.13G
EIRP (dBm)
16.26

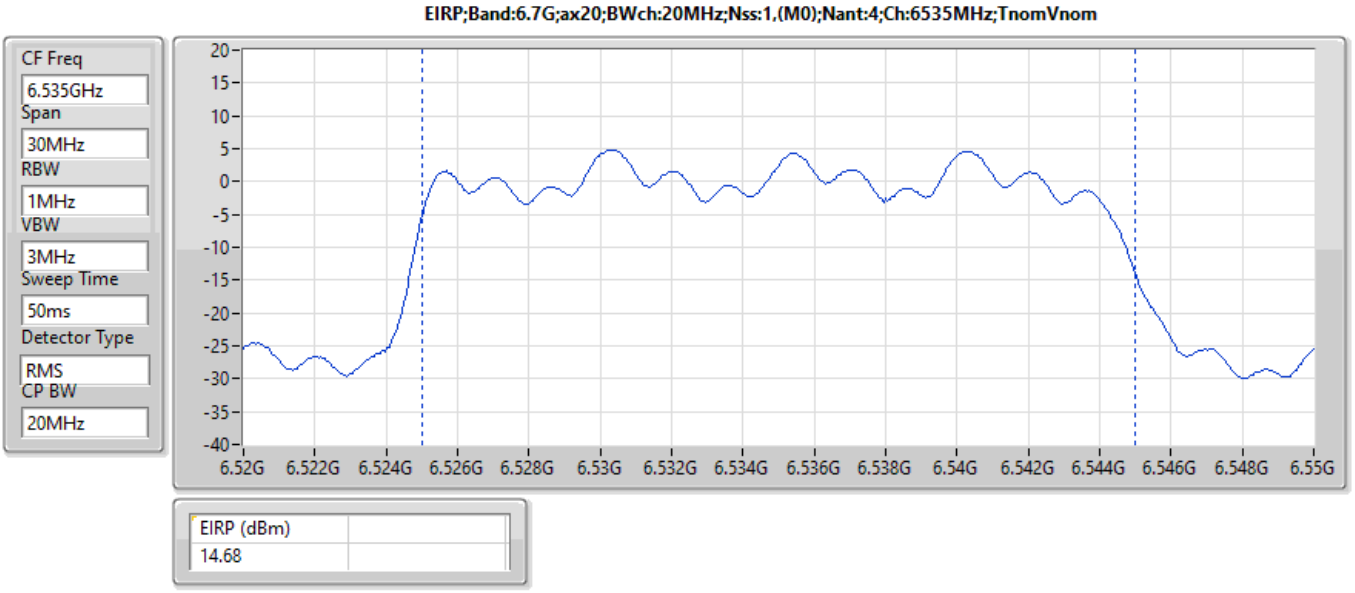

EIRP;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6255MHz;TnomVnom
CF Freq
6.255GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.24G
6.242G
6.244G
6.246G
6.248G
6.25G
6.252G
6.254G
6.256G
6.258G
6.26G
6.262G
6.264G
6.266G
6.268G
6.27G
EIRP (dBm)
16.93

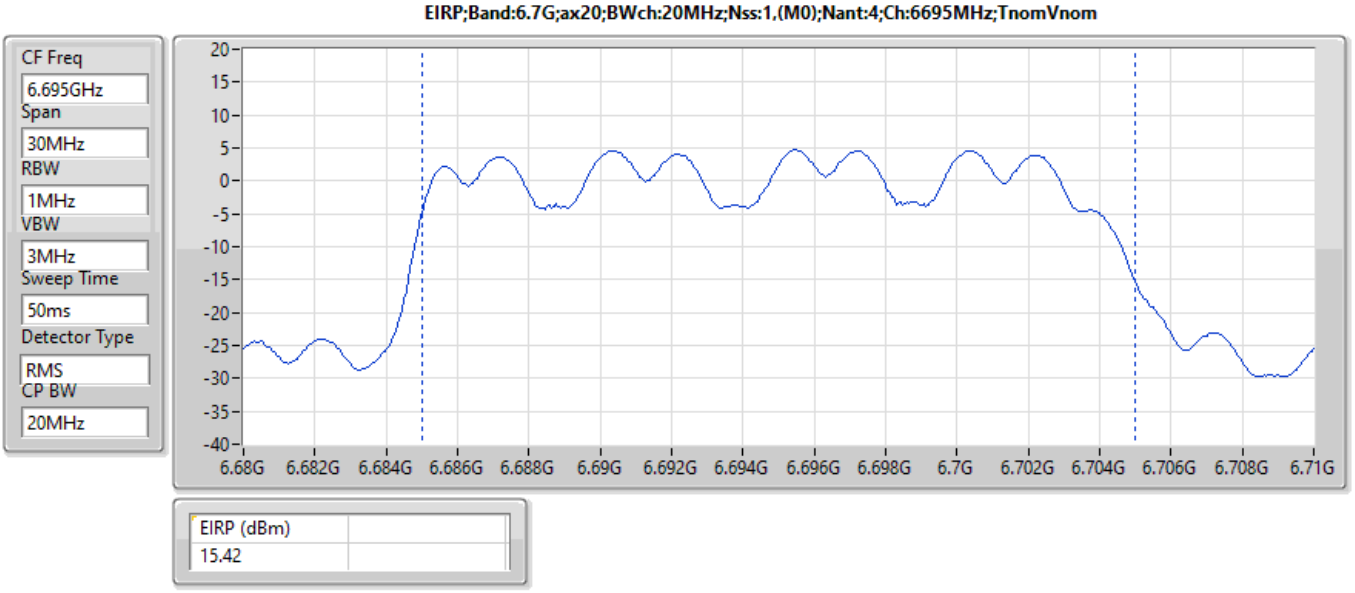

EIRP;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6415MHz;TnomVnom
CF Freq
6.415GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.4G
6.402G
6.404G
6.406G
6.408G
6.41G
6.412G
6.414G
6.416G
6.418G
6.42G
6.422G
6.424G
6.426G
6.428G
6.43G
EIRP (dBm)
15.04

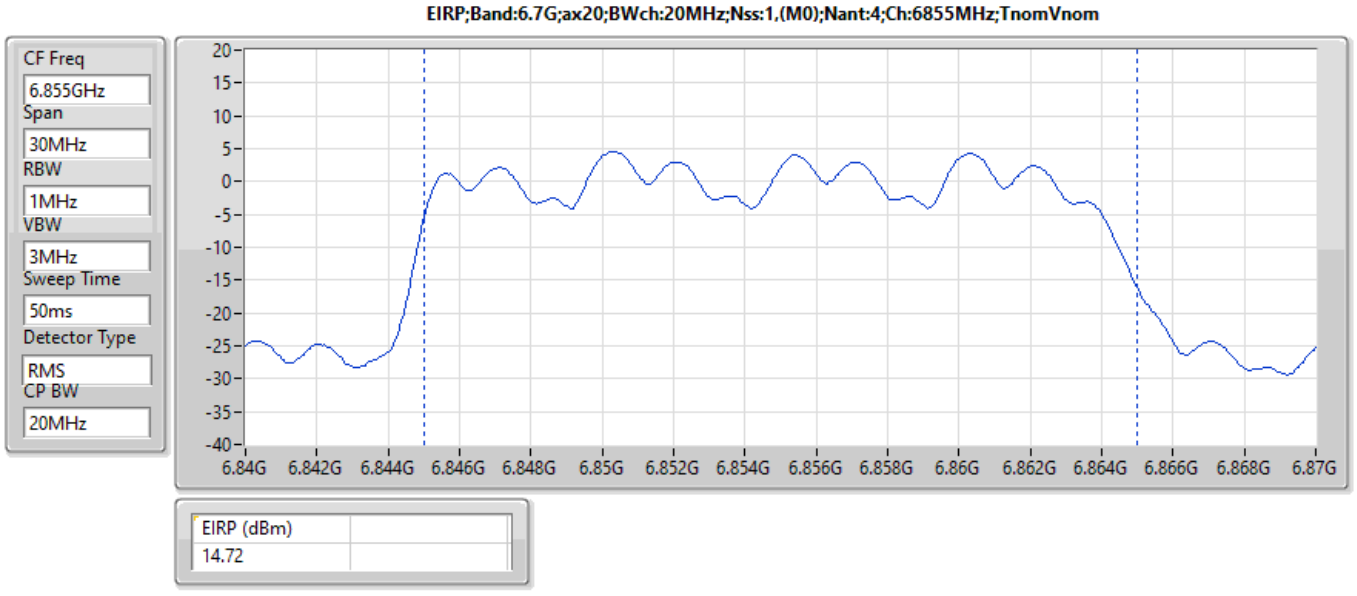

EIRP;Band:6.4G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6435MHz;TnomVnom
CF Freq
6.435GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
10
0
-10
-20
-30
-40
-50
6.42G
6.422G
6.424G
6.426G
6.428G
6.43G
6.432G
6.434G
6.436G
6.438G
6.44G
6.442G
6.444G
6.446G
6.448G
6.45G
EIRP (dBm)
14.62

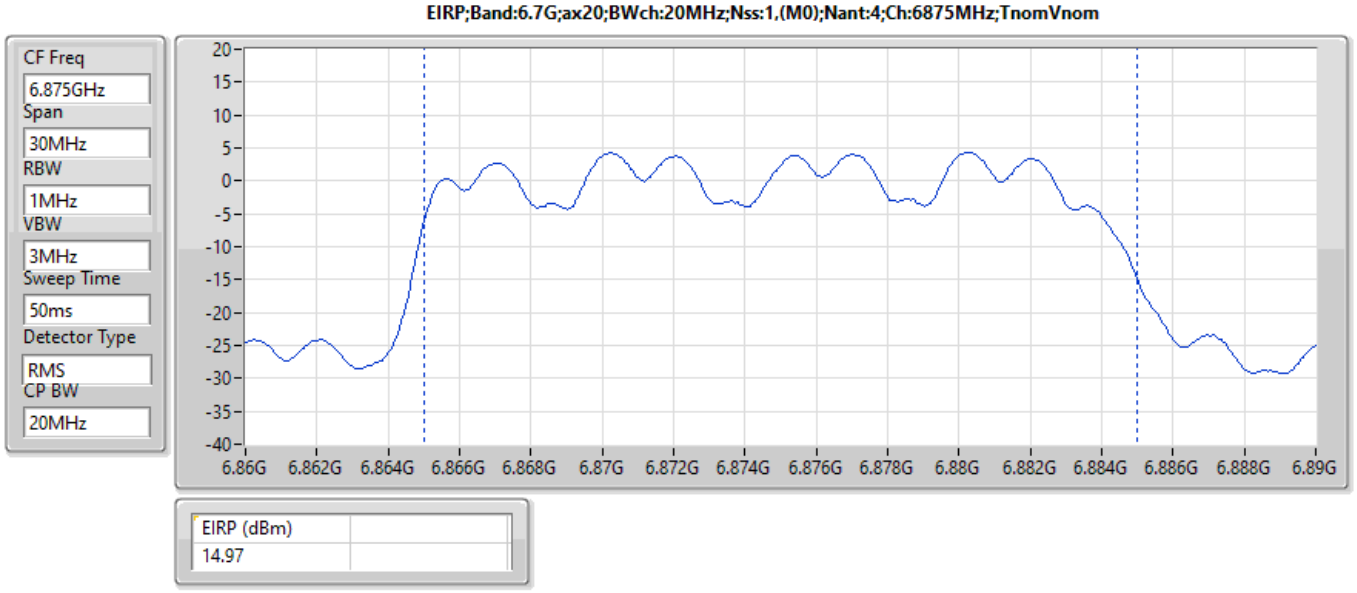

EIRP;Band:6.4G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6475MHz;TnomVnom
CF Freq
6.475GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
10
0
-10
-20
-30
-40
-50
6.46G 6.462G 6.464G 6.466G 6.468G 6.47G 6.472G 6.474G 6.476G 6.478G 6.48G 6.482G 6.484G 6.486G 6.488G 6.49G
EIRP (dBm)
15.07

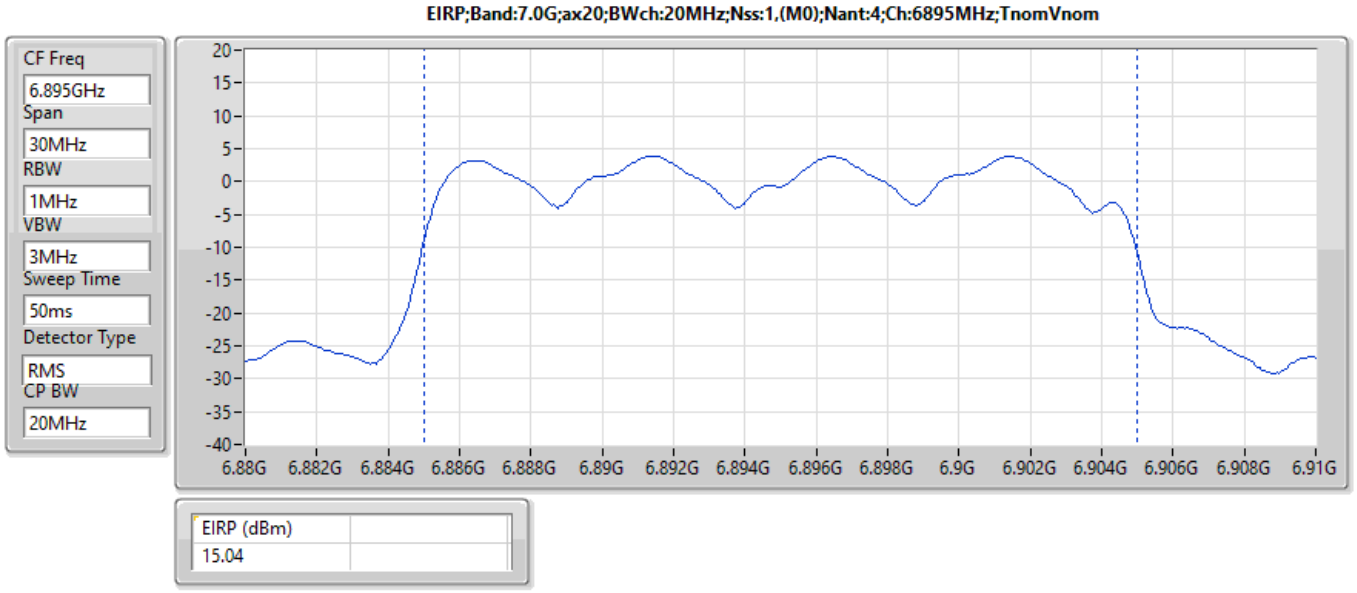

EIRP;Band:6.4G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6515MHz;TnomVnom
CF Freq
6.515GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.5G 6.502G 6.504G 6.506G 6.508G 6.51G 6.512G 6.514G 6.516G 6.518G 6.52G 6.522G 6.524G 6.526G 6.528G 6.53G
EIRP (dBm)
15.34

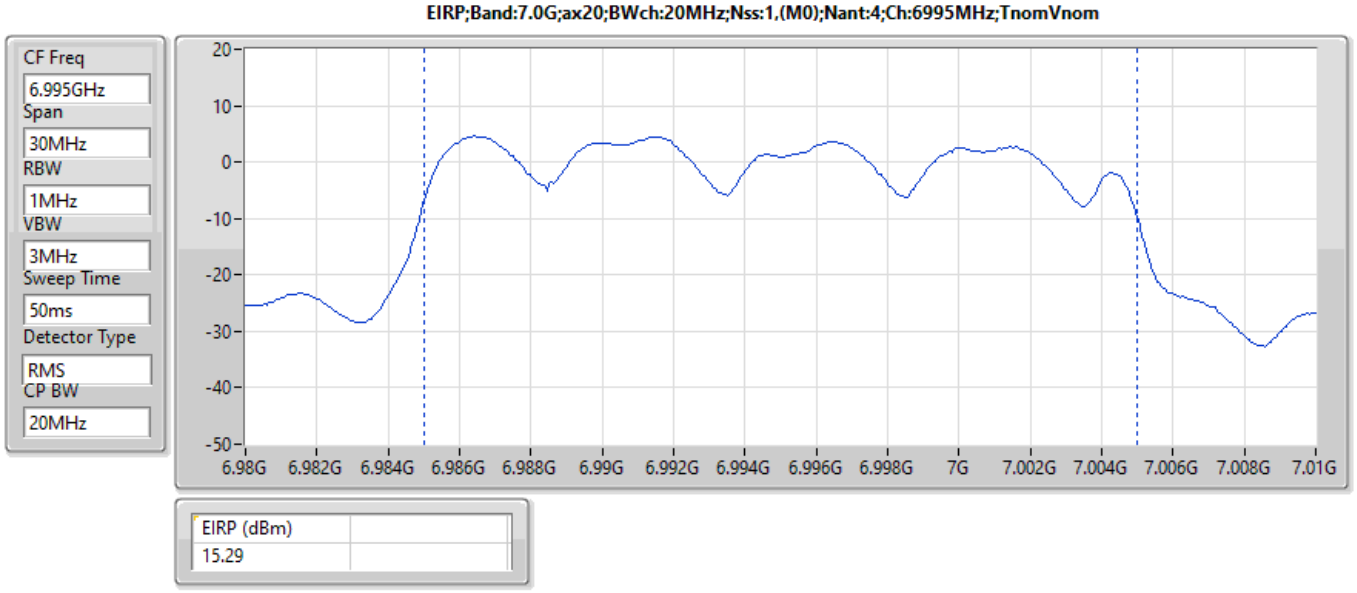

EIRP;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6535MHz;TnomVnom
CF Freq
6.535GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.52G 6.522G 6.524G 6.526G 6.528G 6.53G 6.532G 6.534G 6.536G 6.538G 6.54G 6.542G 6.544G 6.546G 6.548G 6.55G
EIRP (dBm)
14.68

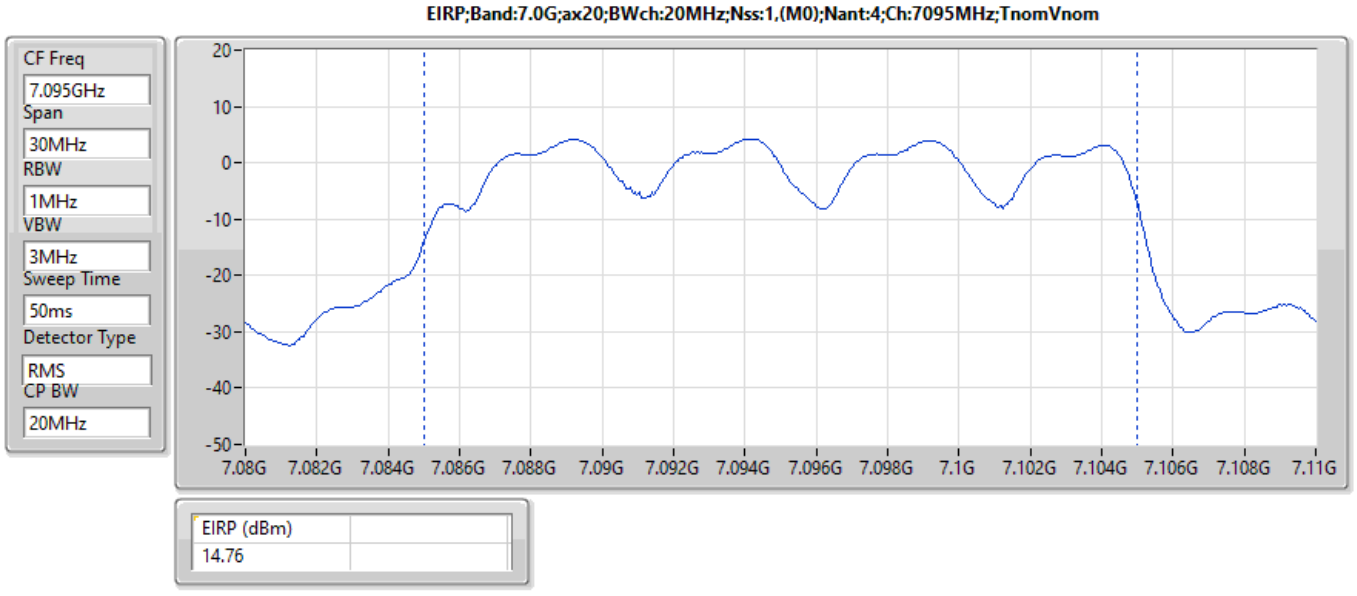

EIRP;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6695MHz;TnomVnom
CF Freq
6.695GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.68G 6.682G 6.684G 6.686G 6.688G 6.69G 6.692G 6.694G 6.696G 6.698G 6.7G 6.702G 6.704G 6.706G 6.708G 6.71G
EIRP (dBm)
15.42

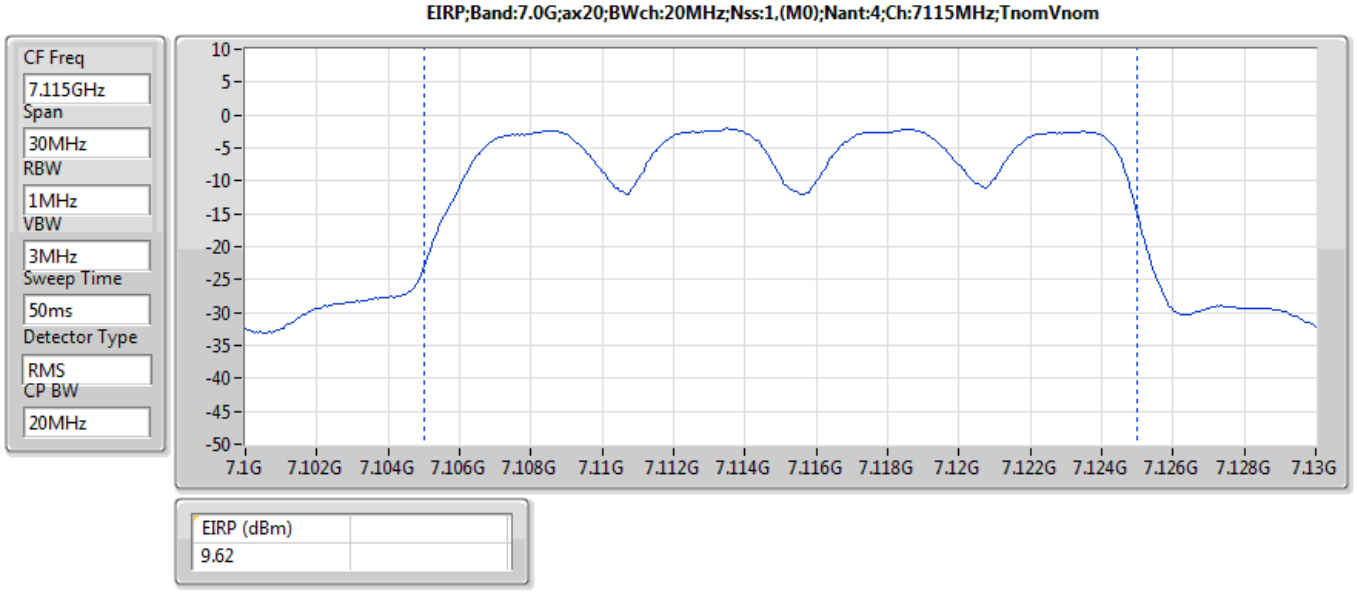

EIRP;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6855MHz;TnomVnom
CF Freq
6.855GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.84G
6.842G
6.844G
6.846G
6.848G
6.85G
6.852G
6.854G
6.856G
6.858G
6.86G
6.862G
6.864G
6.866G
6.868G
6.87G
EIRP (dBm)
14.72

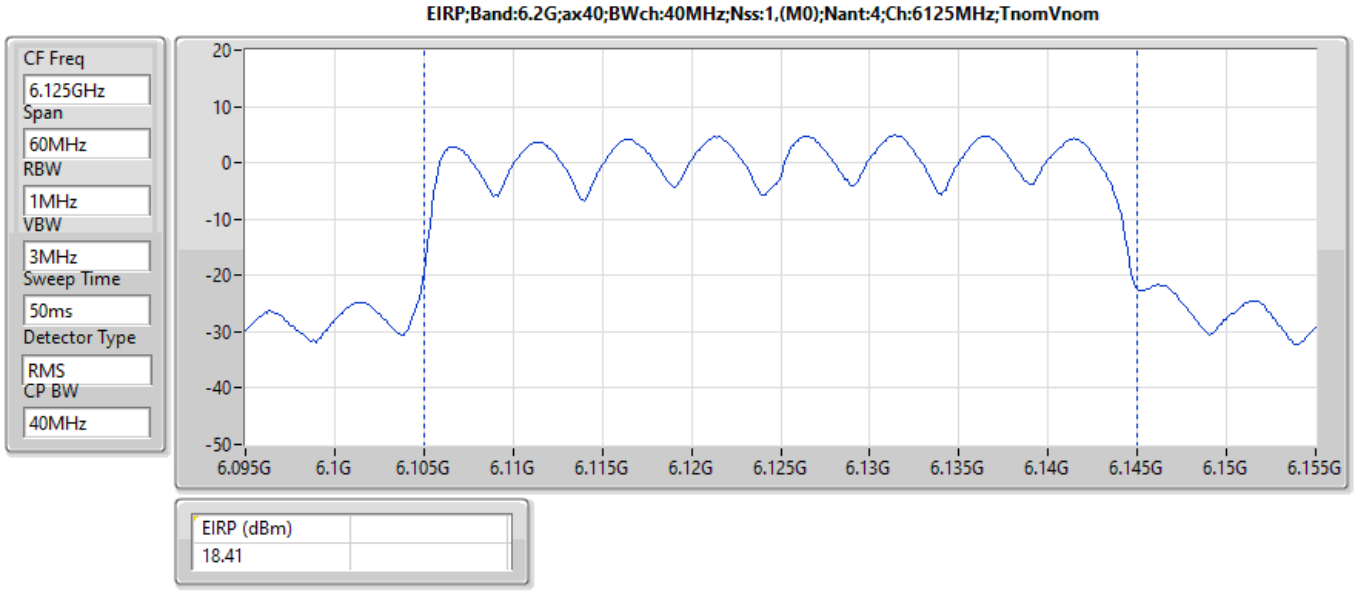

EIRP;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6875MHz;TnomVnom
CF Freq
6.875GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.86G
6.862G
6.864G
6.866G
6.868G
6.87G
6.872G
6.874G
6.876G
6.878G
6.88G
6.882G
6.884G
6.886G
6.888G
6.89G
EIRP (dBm)
14.97

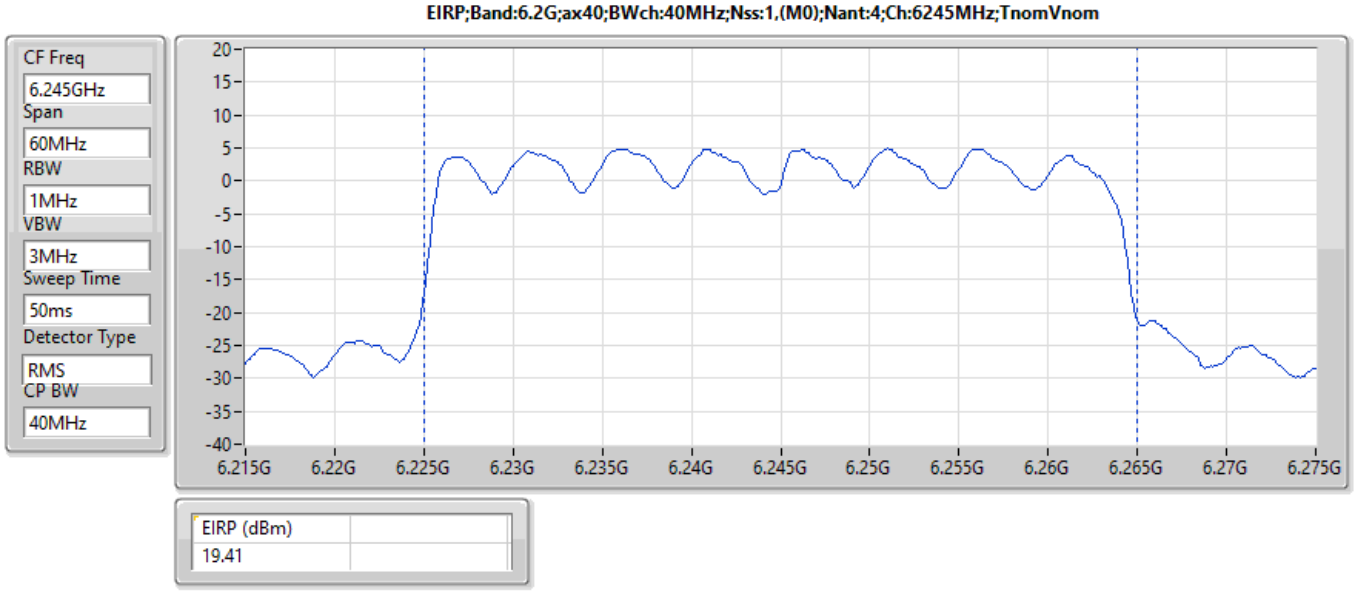

EIRP;Band:7.0G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6895MHz;TnomVnom
CF Freq
6.895GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.88G 6.882G 6.884G 6.886G 6.888G 6.89G 6.892G 6.894G 6.896G 6.898G 6.9G 6.902G 6.904G 6.906G 6.908G 6.91G
EIRP (dBm)
15.04

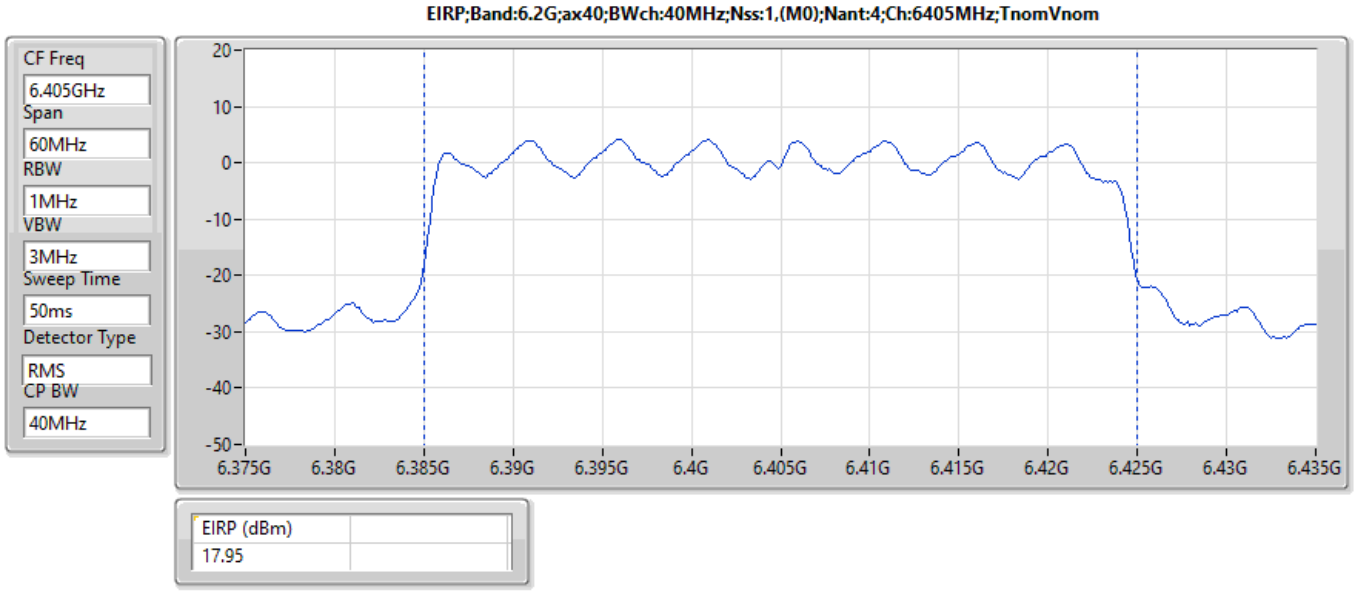

EIRP;Band:7.0G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6995MHz;TnomVnom
CF Freq
6.995GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
10
0
-10
-20
-30
-40
-50
6.98G 6.982G 6.984G 6.986G 6.988G 6.99G 6.992G 6.994G 6.996G 6.998G 7G 7.002G 7.004G 7.006G 7.008G 7.01G
EIRP (dBm)
15.29

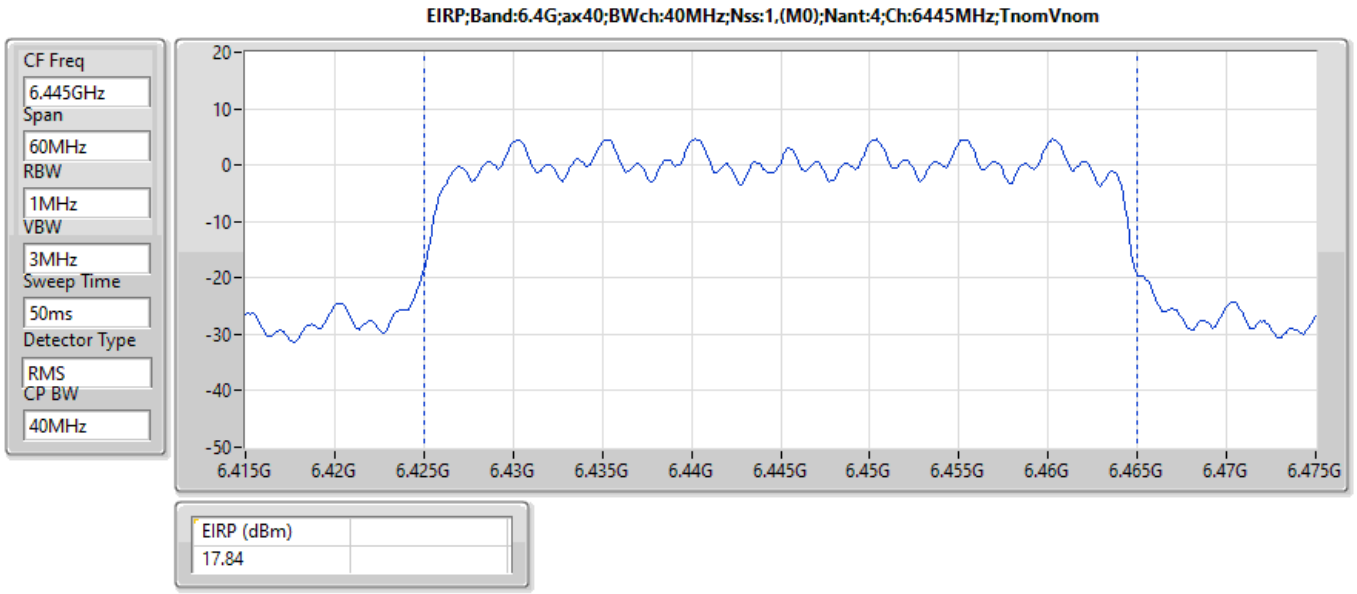

EIRP;Band:7.0G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7095MHz;TnomVnom
CF Freq
7.095GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
10
0
-10
-20
-30
-40
-50
7.08G 7.082G 7.084G 7.086G 7.088G 7.09G 7.092G 7.094G 7.096G 7.098G 7.1G 7.102G 7.104G 7.106G 7.108G 7.11G
EIRP (dBm)
14.76


EIRP;Band:7.0G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7115MHz;TnomVnom
CF Freq
7.115GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
7.1G 7.102G 7.104G 7.106G 7.108G 7.11G 7.112G 7.114G 7.116G 7.118G 7.12G 7.122G 7.124G 7.126G 7.128G 7.13G
EIRP (dBm)
9.62

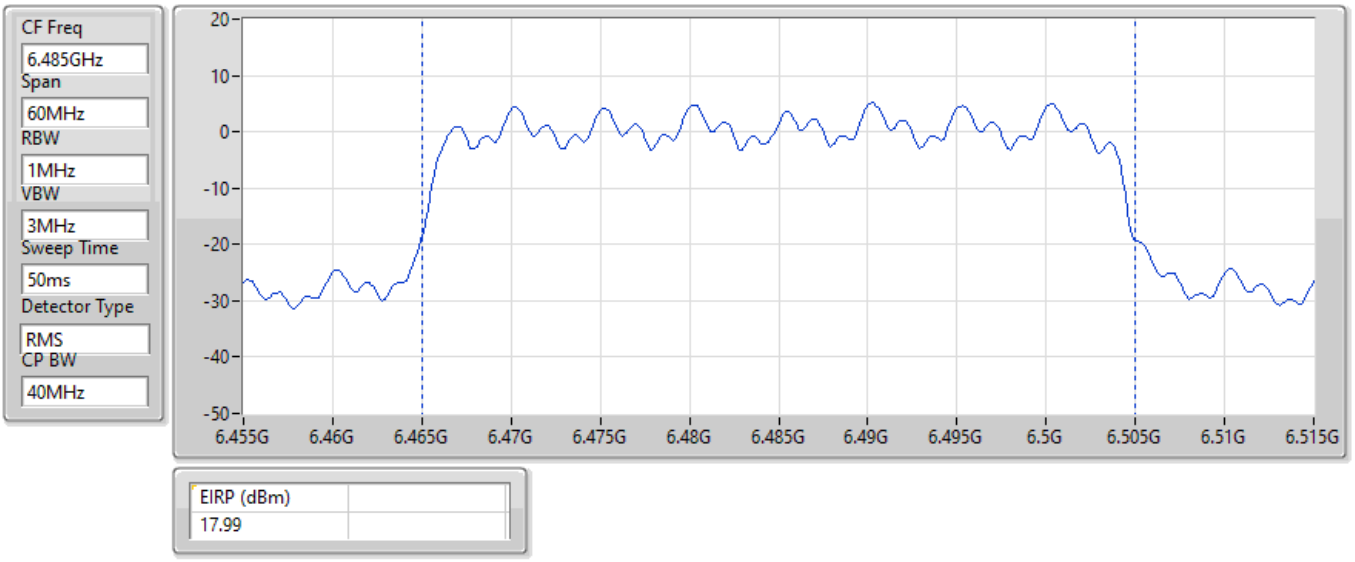

EIRP;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6125MHz;TnomVnom
CF Freq
6.125GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
6.095G
6.1G
6.105G
6.11G
6.115G
6.12G
6.125G
6.13G
6.135G
6.14G
6.145G
6.15G
6.155G
EIRP (dBm)
18.41


EIRP;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6245MHz;TnomVnom
CF Freq
6.245GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.215G
6.22G
6.225G
6.23G
6.235G
6.24G
6.245G
6.25G
6.255G
6.26G
6.265G
6.27G
6.275G
EIRP (dBm)
19.41

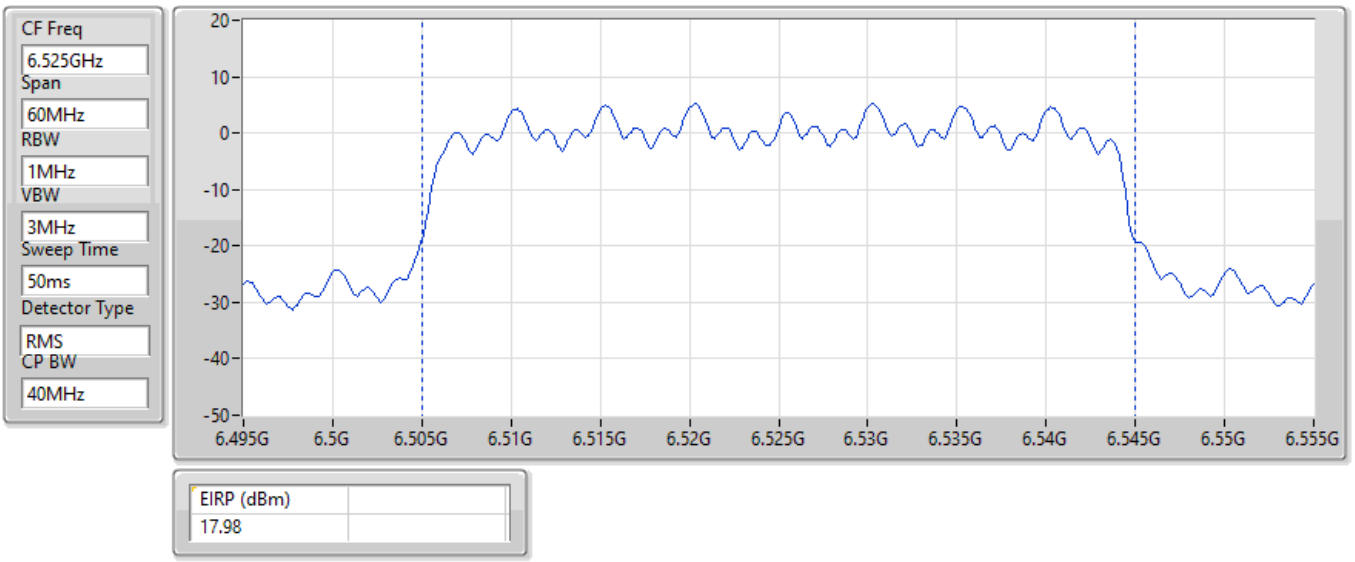

EIRP;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6405MHz;TnomVnom
CF Freq
6.405GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
6.375G
6.38G
6.385G
6.39G
6.395G
6.4G
6.405G
6.41G
6.415G
6.42G
6.425G
6.43G
6.435G
EIRP (dBm)
17.95


EIRP;Band:6.4G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6445MHz;TnomVnom
CF Freq
6.445GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
6.415G
6.42G
6.425G
6.43G
6.435G
6.44G
6.445G
6.45G
6.455G
6.46G
6.465G
6.47G
6.475G
EIRP (dBm)
17.84

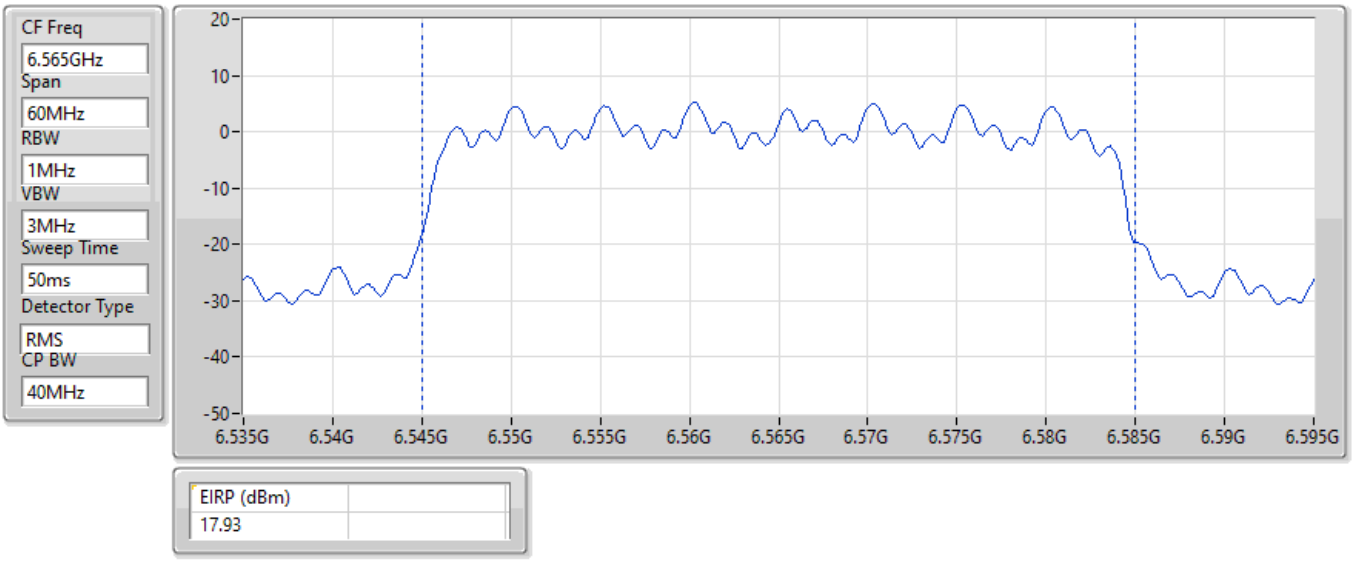
EIRP;Band:6.4G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6485MHz;TnomVnom



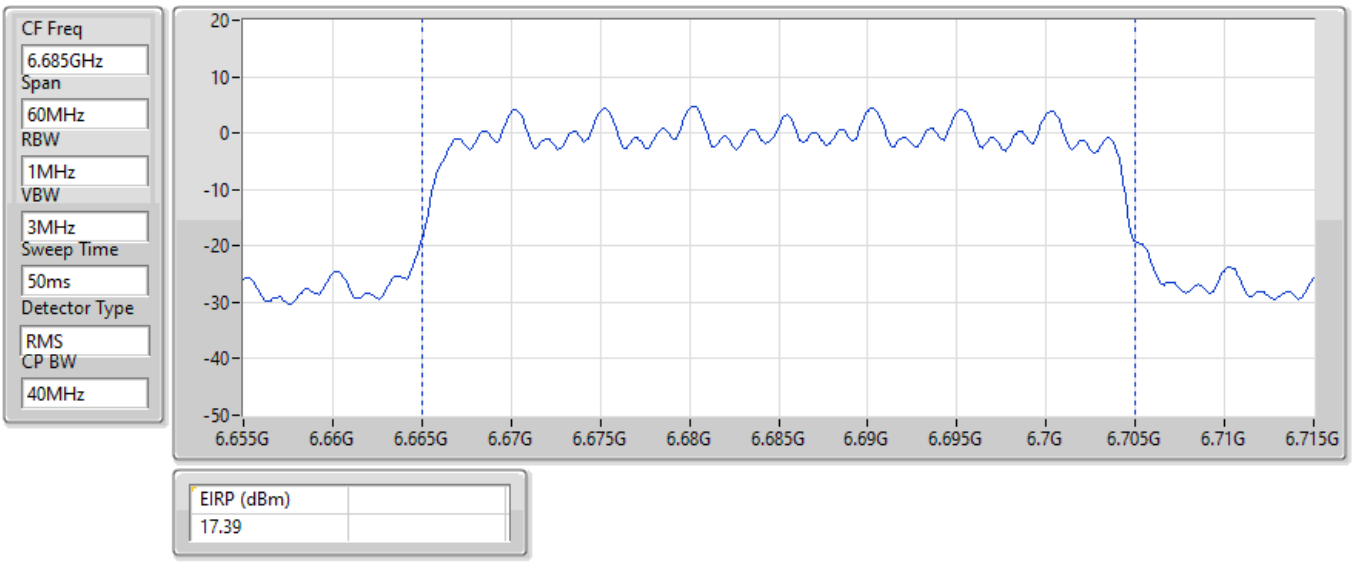
EIRP;Band:6.4G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6525MHz;TnomVnom

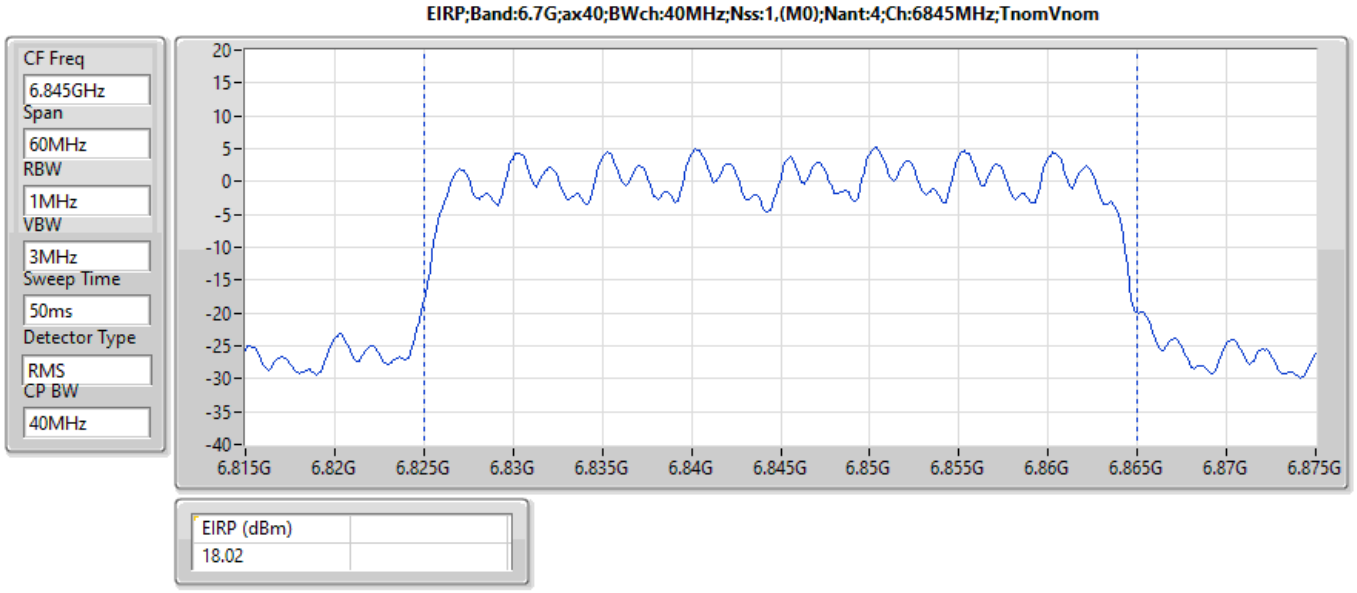


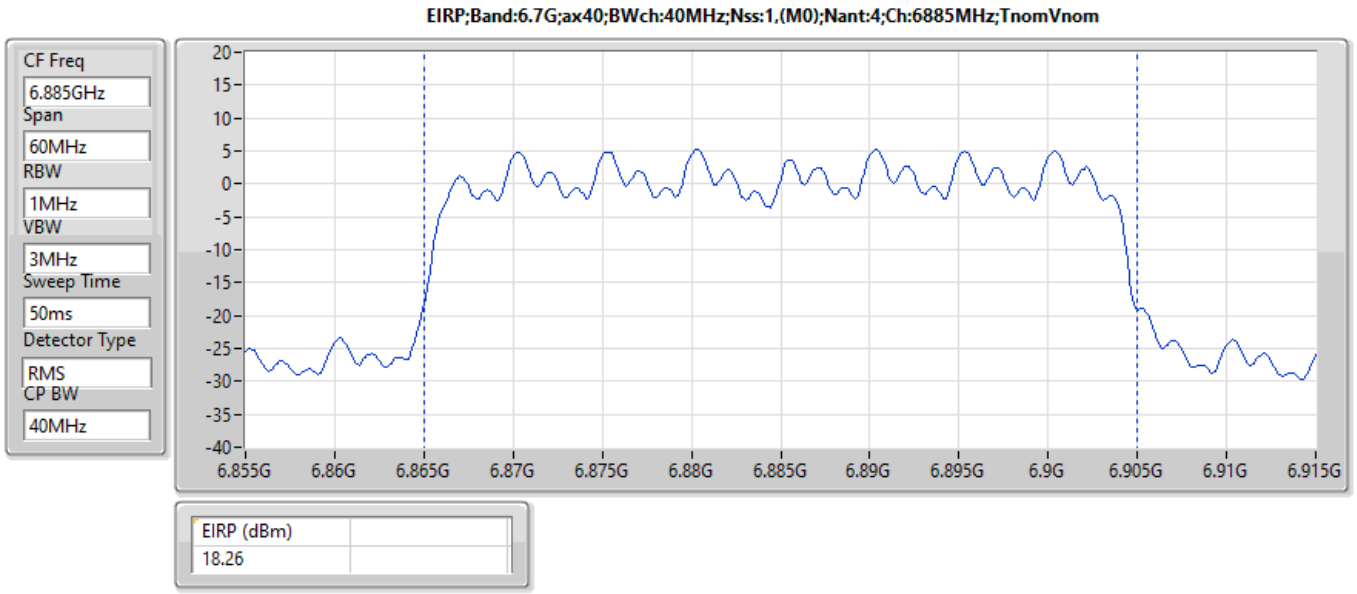
EIRP;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6565MHz;TnomVnom

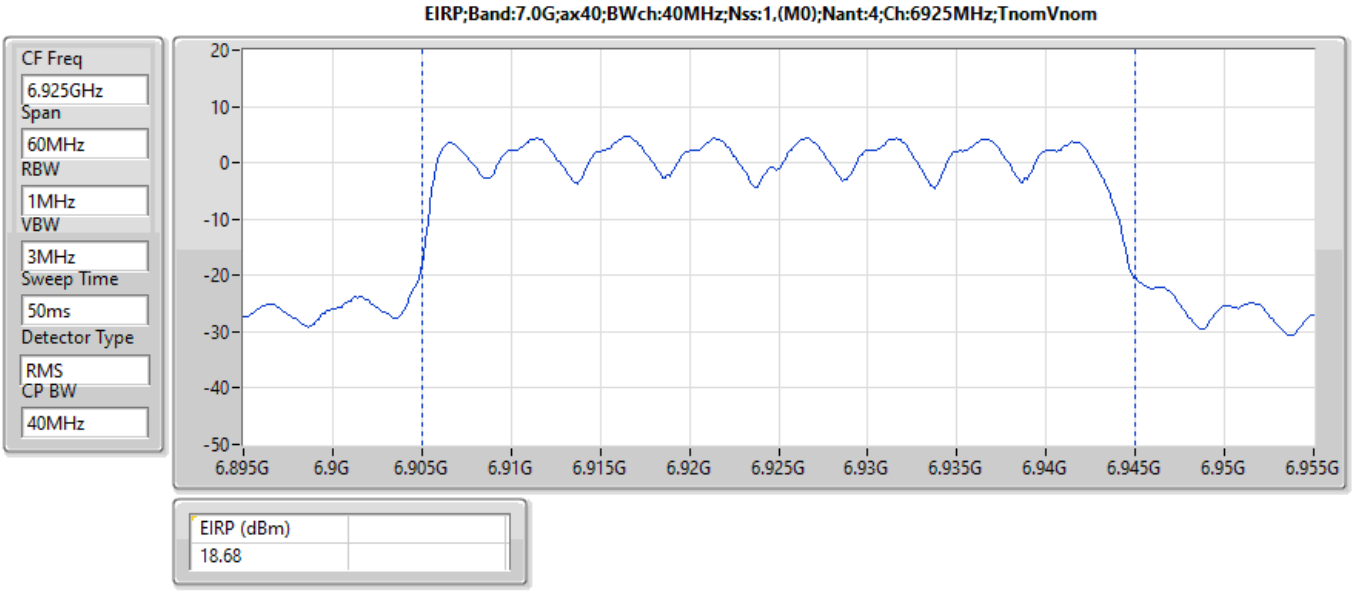


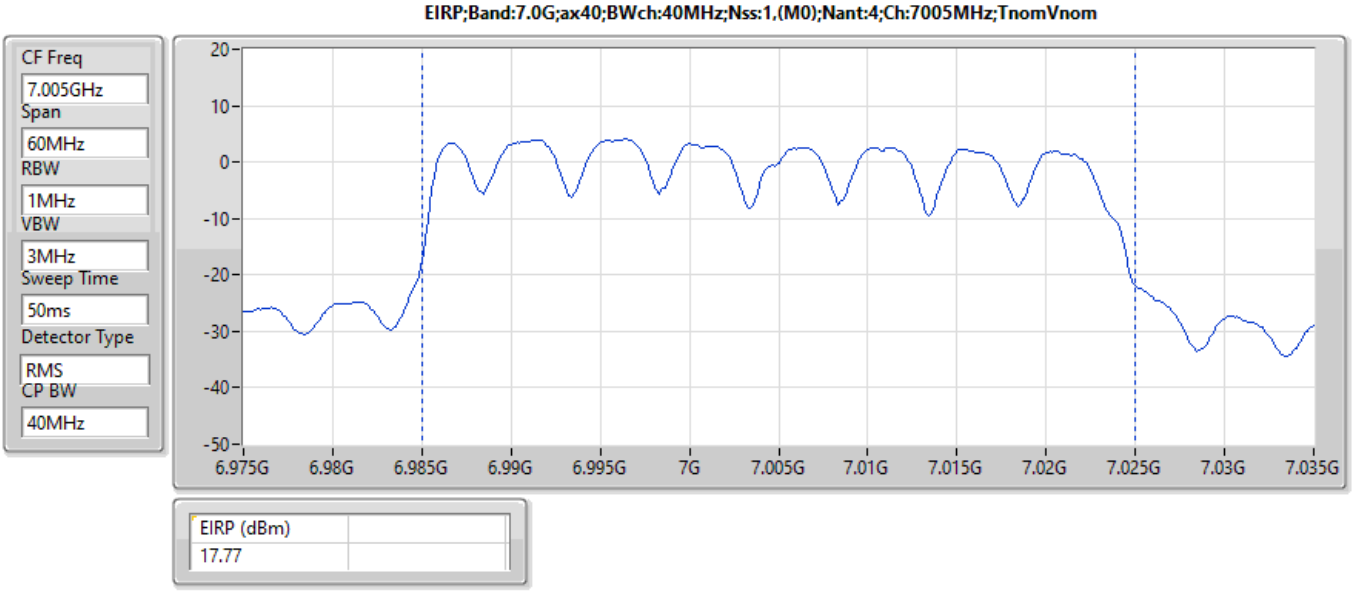
EIRP;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6685MHz;TnomVnom




EIRP;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6845MHz;TnomVnom
CF Freq
6.845GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.815G
6.82G
6.825G
6.83G
6.835G
6.84G
6.845G
6.85G
6.855G
6.86G
6.865G
6.87G
6.875G
EIRP (dBm)
18.02


EIRP;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6885MHz;TnomVnom
CF Freq
6.885GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.855G
6.86G
6.865G
6.87G
6.875G
6.88G
6.885G
6.89G
6.895G
6.9G
6.905G
6.91G
6.915G
EIRP (dBm)
18.26


EIRP;Band:7.0G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6925MHz;TnomVnom
CF Freq
6.925GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
6.895G
6.9G
6.905G
6.91G
6.915G
6.92G
6.925G
6.93G
6.935G
6.94G
6.945G
6.95G
6.955G
EIRP (dBm)
18.68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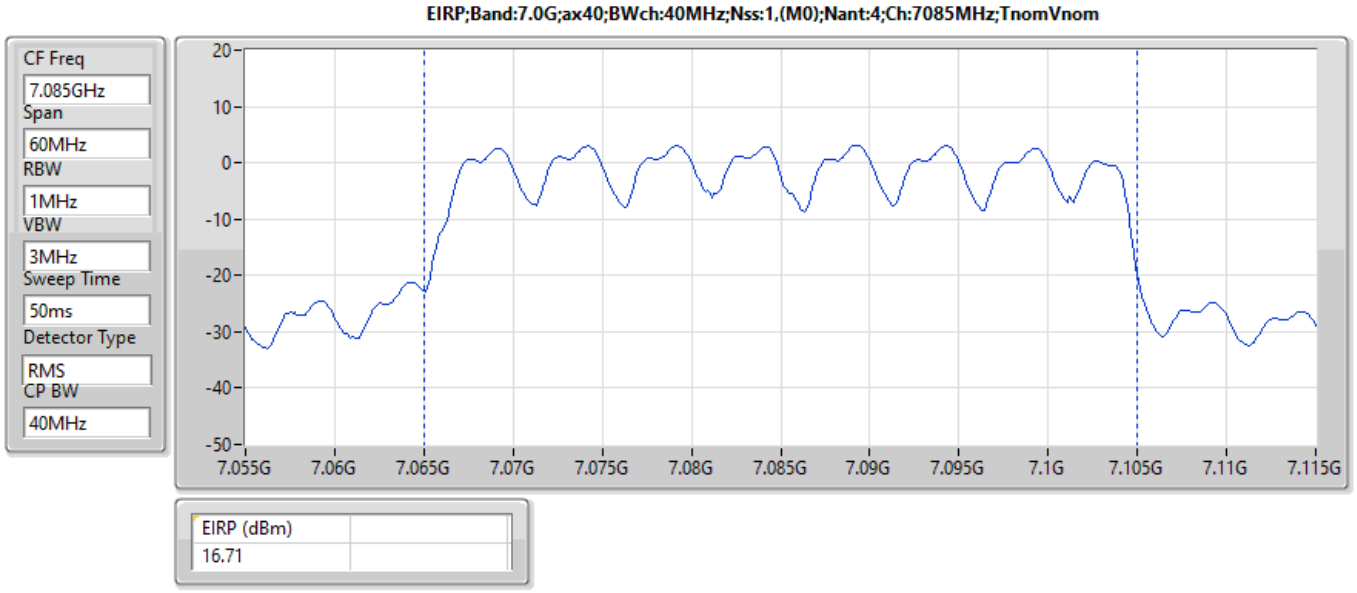
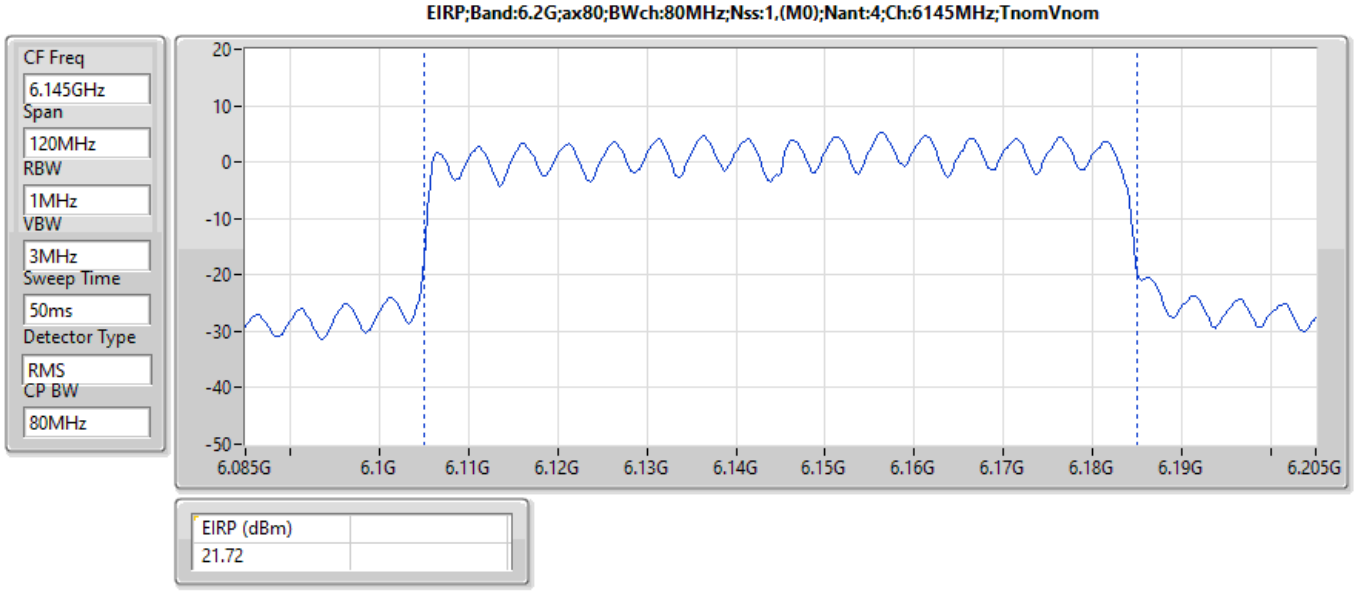
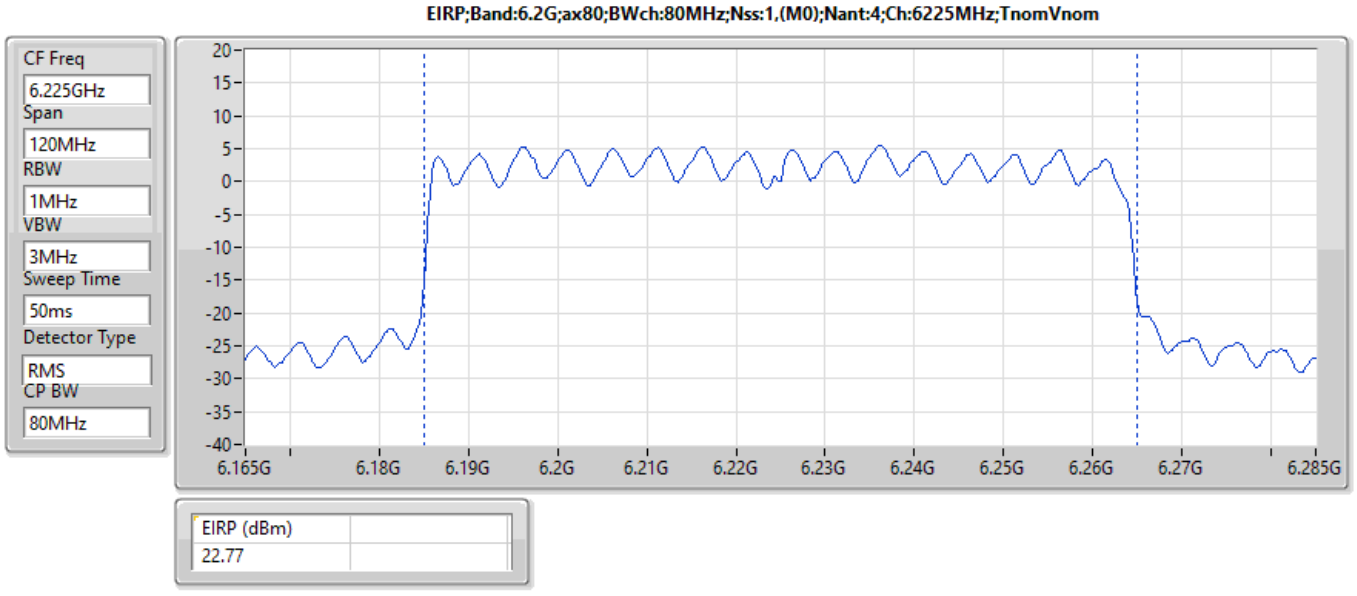
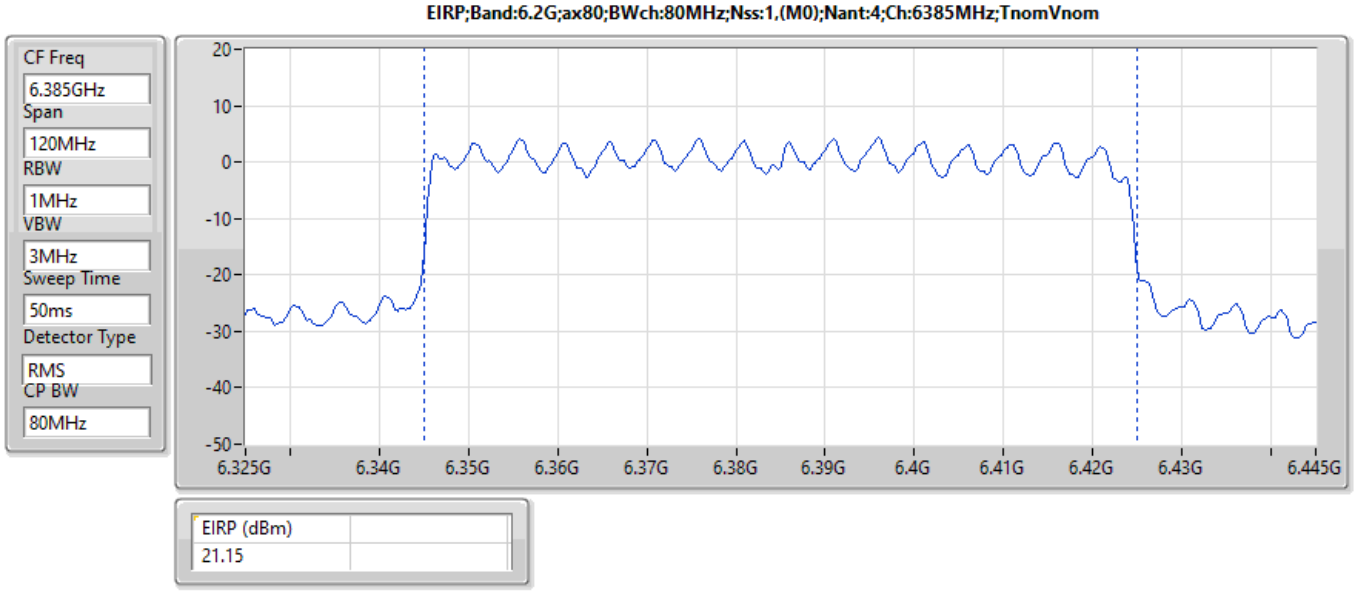
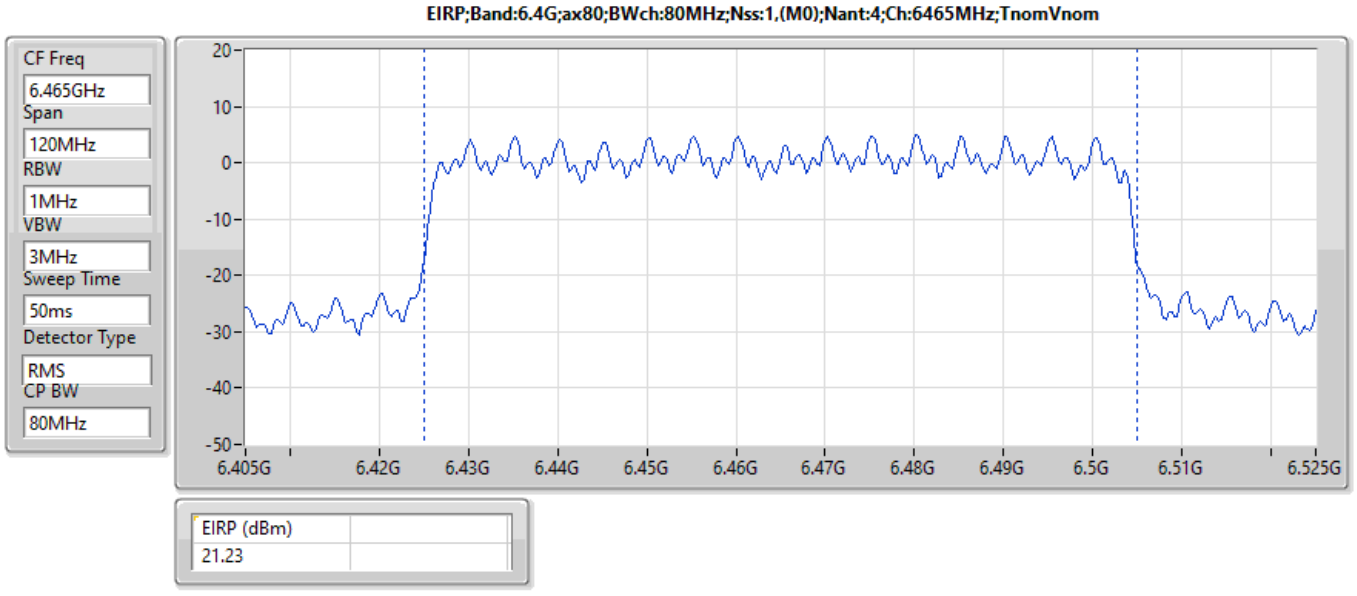
CF Freq
7.005GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
6.975G
6.98G
6.985G
6.99G
6.995G
7G
7.005G
7.01G
7.015G
7.02G
7.025G
7.03G
7.035G
EIRP (dBm)
17.77

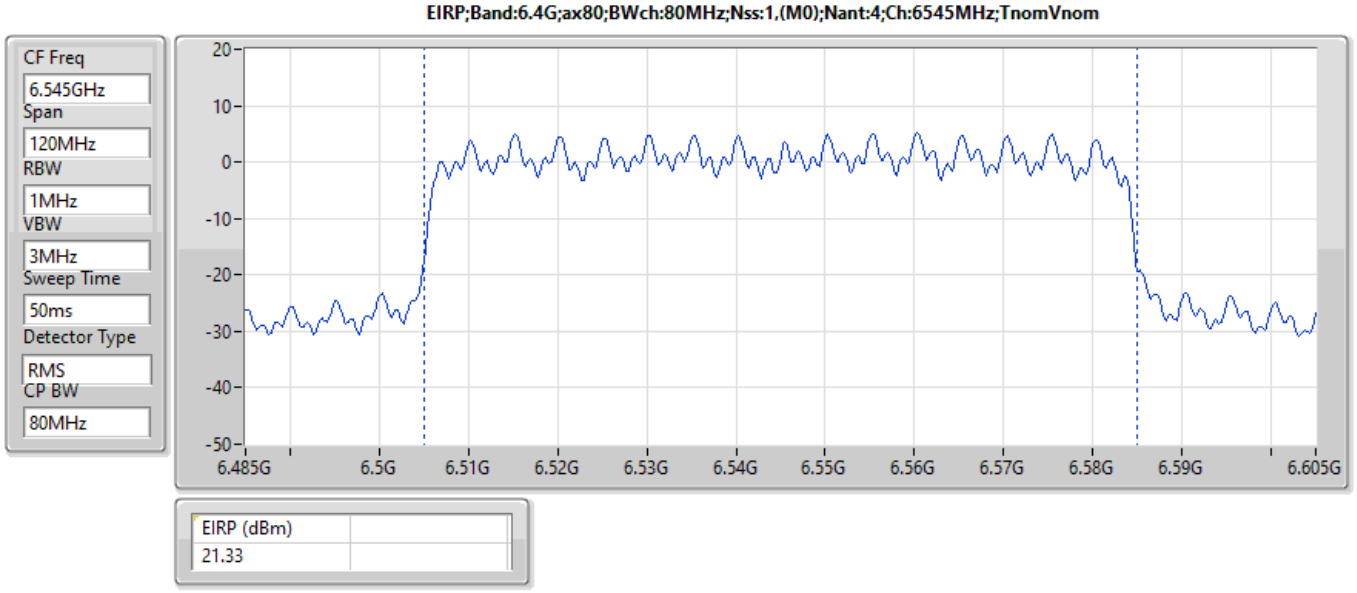

EIRP;Band:7.0G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7085MHz;TnomVnom
CF Freq
7.085GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
7.055G
7.06G
7.065G
7.07G
7.075G
7.08G
7.085G
7.09G
7.095G
7.1G
7.105G
7.11G
7.115G
EIRP (dBm)
16.71

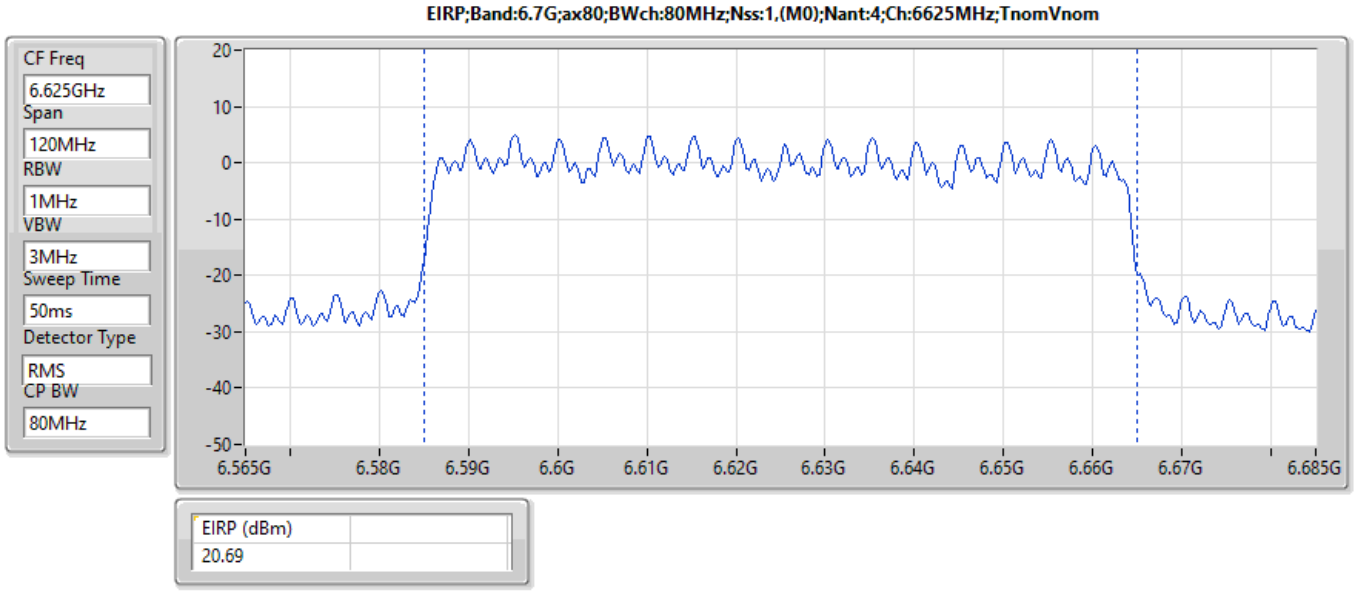

EIRP;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6145MHz;TnomVnom
CF Freq
6.145GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
10
0
-10
-20
-30
-40
-50
6.085G
6.1G
6.11G
6.12G
6.13G
6.14G
6.15G
6.16G
6.17G
6.18G
6.19G
6.205G
EIRP (dBm)
21.72

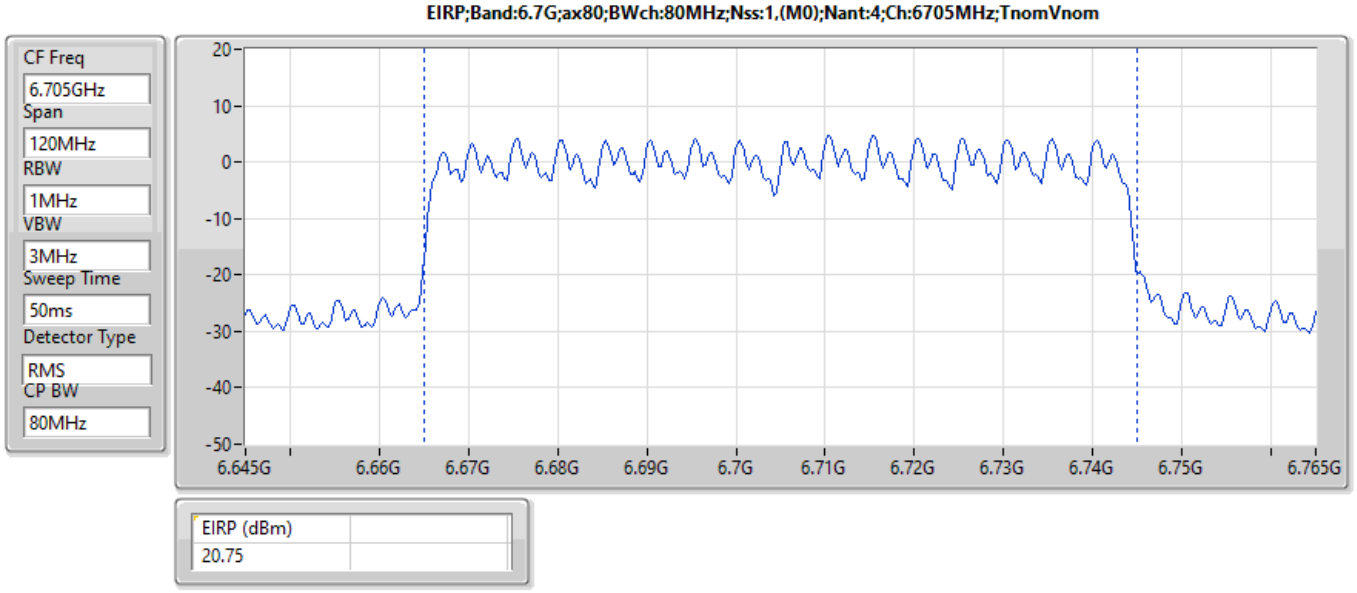

EIRP;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6225MHz;TnomVnom
CF Freq
6.225GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.165G
6.18G
6.19G
6.2G
6.21G
6.22G
6.23G
6.24G
6.25G
6.26G
6.27G
6.285G
EIRP (dBm)
22.77

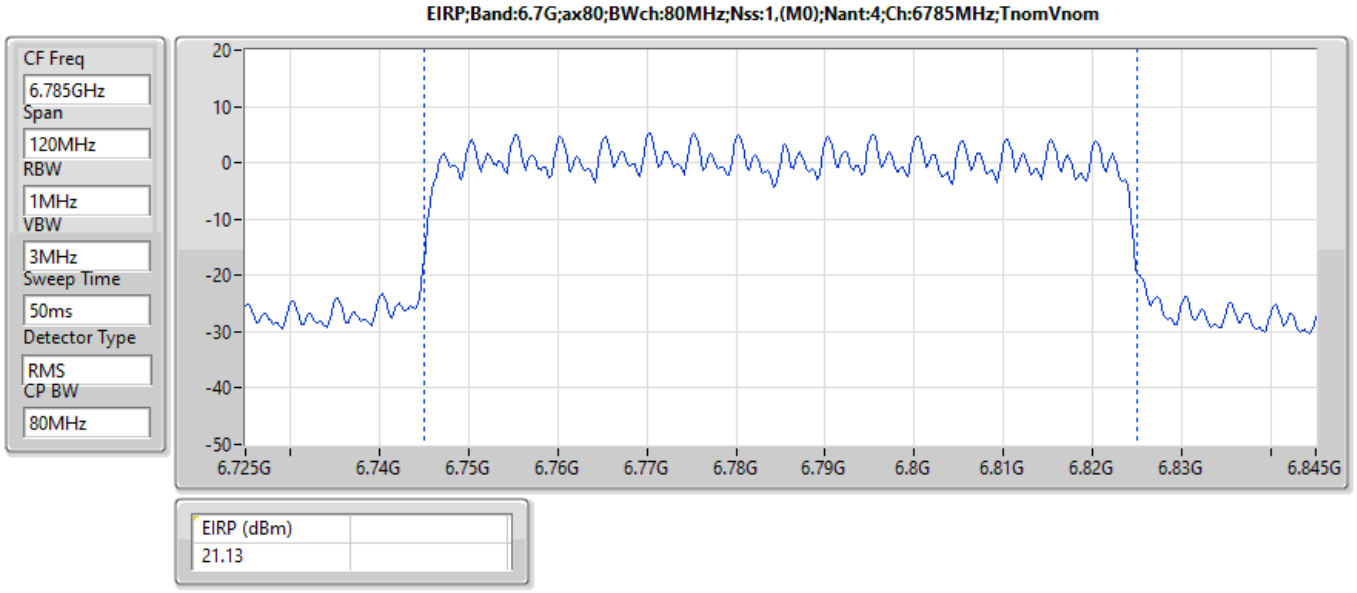

EIRP;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6385MHz;TnomVnom
CF Freq
6.385GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
10
0
-10
-20
-30
-40
-50
6.325G
6.34G
6.35G
6.36G
6.37G
6.38G
6.39G
6.4G
6.41G
6.42G
6.43G
6.445G
EIRP (dBm)
21.15

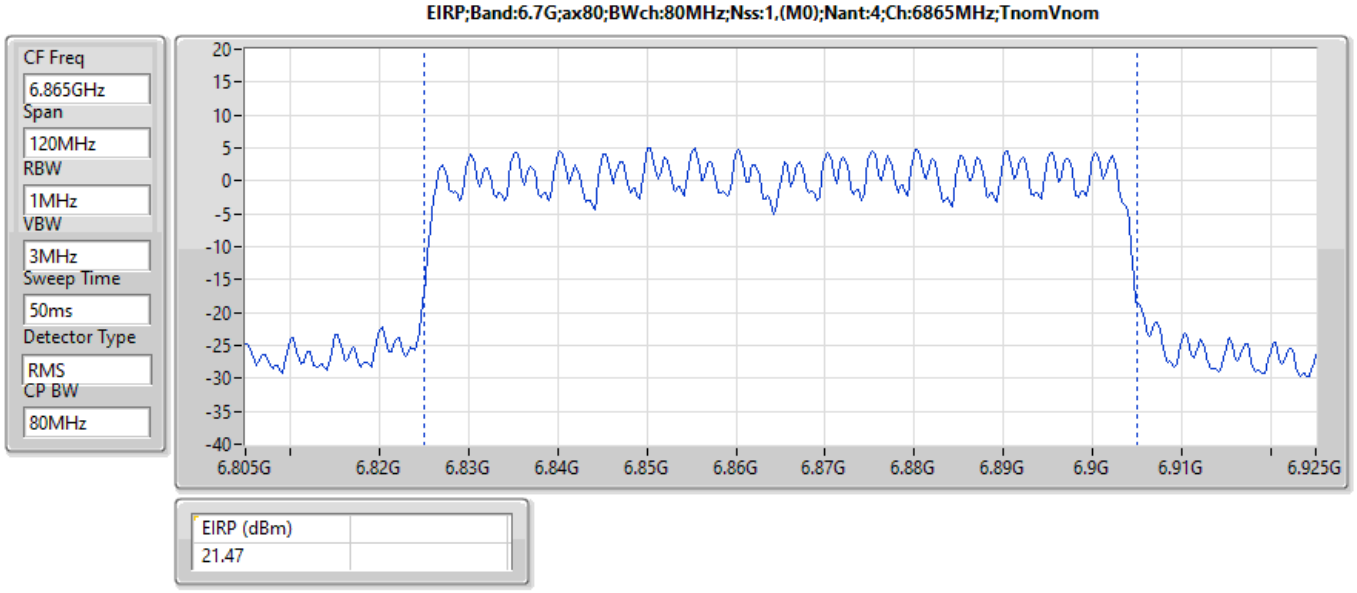

EIRP;Band:6.4G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6465MHz;TnomVnom
CF Freq
6.465GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
10
0
-10
-20
-30
-40
-50
6.405G
6.42G
6.43G
6.44G
6.45G
6.46G
6.47G
6.48G
6.49G
6.5G
6.51G
6.525G
EIRP (dBm)
21.23


EIRP;Band:6.4G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6545MHz;TnomVnom
CF Freq
6.545GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
10
0
-10
-20
-30
-40
-50
6.485G
6.5G
6.51G
6.52G
6.53G
6.54G
6.55G
6.56G
6.57G
6.58G
6.59G
6.605G
EIRP (dBm)
21.33

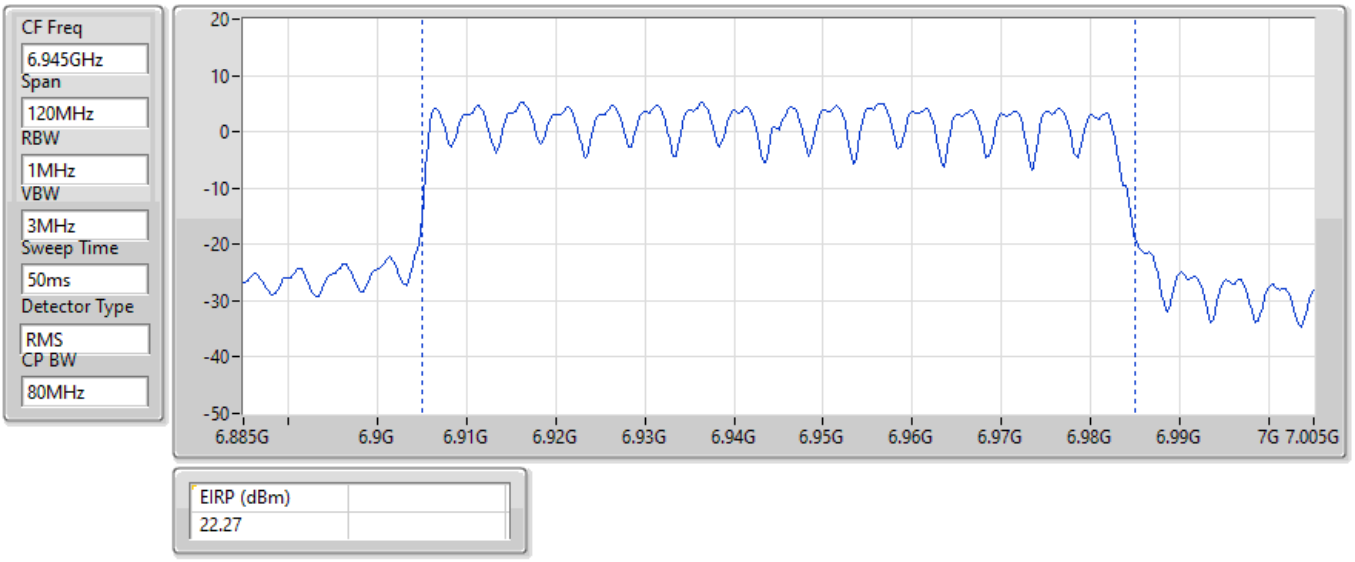

EIRP;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6625MHz;TnomVnom
CF Freq
6.625GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
10
0
-10
-20
-30
-40
-50
6.565G
6.58G
6.59G
6.6G
6.61G
6.62G
6.63G
6.64G
6.65G
6.66G
6.67G
6.685G
EIRP (dBm)
20.69


EIRP;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6705MHz;TnomVnom
CF Freq
6.705GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
10
0
-10
-20
-30
-40
-50
6.645G
6.66G
6.67G
6.68G
6.69G
6.7G
6.71G
6.72G
6.73G
6.74G
6.75G
6.765G
EIRP (dBm)
20.75

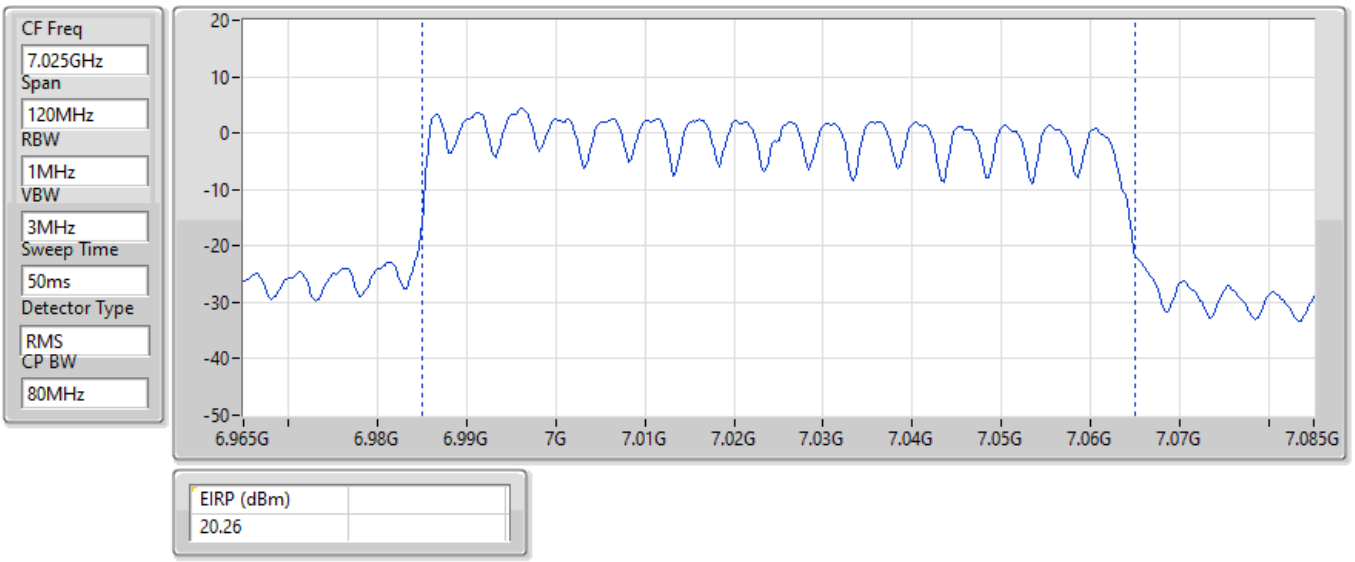

EIRP;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6785MHz;TnomVnom
CF Freq
6.785GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
10
0
-10
-20
-30
-40
-50
6.725G
6.74G
6.75G
6.76G
6.77G
6.78G
6.79G
6.8G
6.81G
6.82G
6.83G
6.845G
EIRP (dBm)
21.13

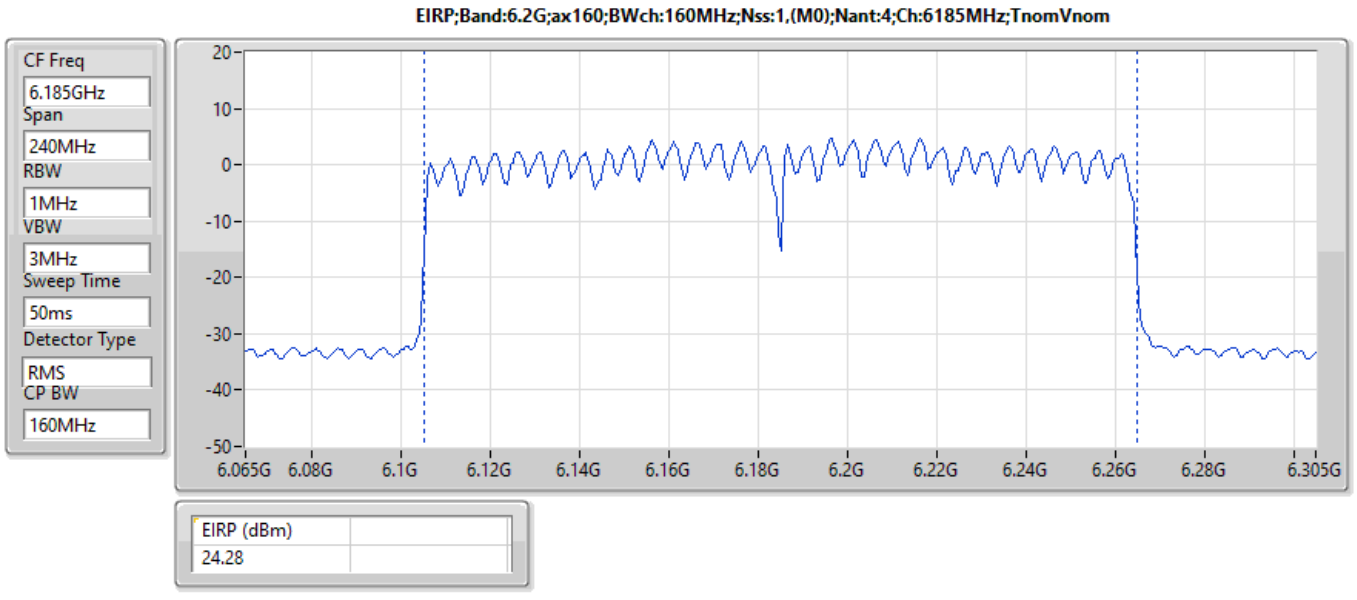

EIRP;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6865MHz;TnomVnom
CF Freq
6.865GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.805G
6.82G
6.83G
6.84G
6.85G
6.86G
6.87G
6.88G
6.89G
6.9G
6.91G
6.925G
EIRP (dBm)
21.47

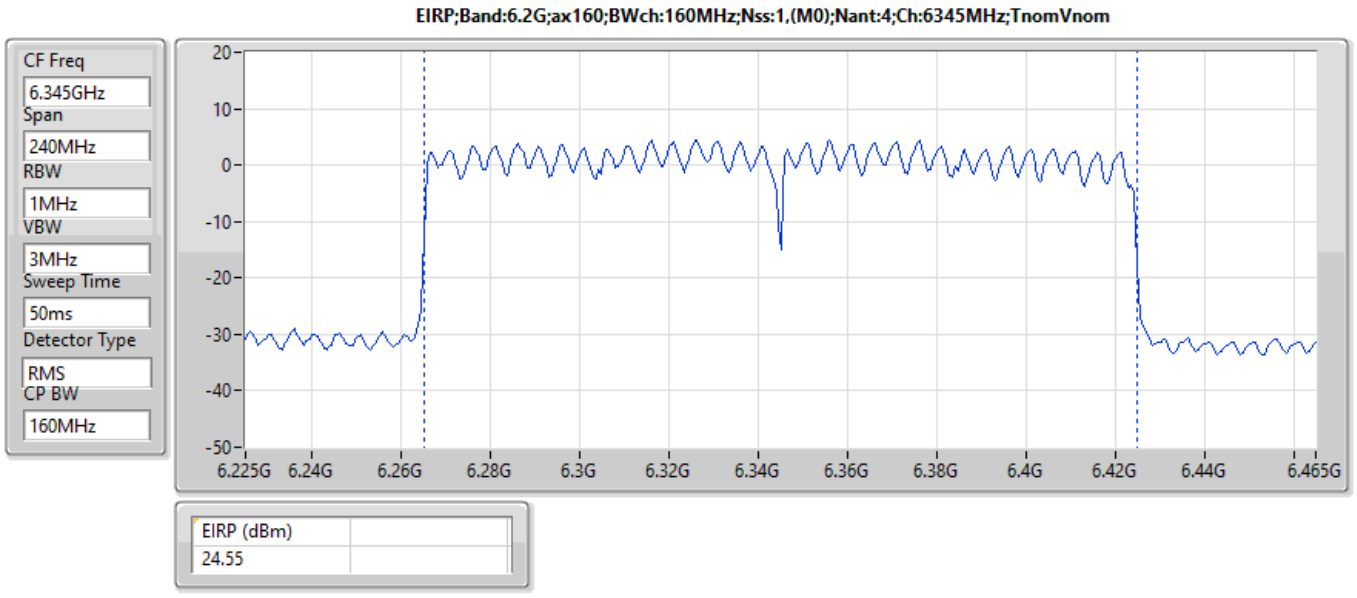
EIRP;Band:7.0G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6945MHz;TnomVnom



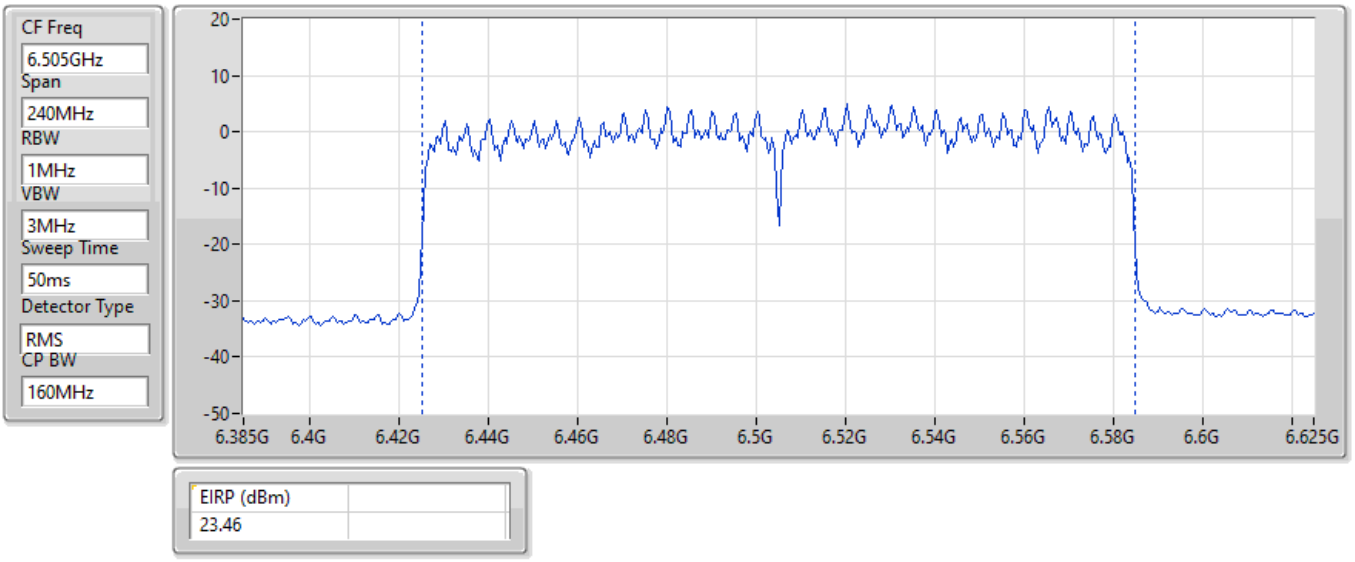
EIRP;Band:7.0G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:7025MHz;TnomVnom




EIRP;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6185MHz;TnomVnom
CF Freq
6.185GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
160MHz
20
10
0
-10
-20
-30
-40
-50
6.065G
6.08G
6.1G
6.12G
6.14G
6.16G
6.18G
6.2G
6.22G
6.24G
6.26G
6.28G
6.305G
EIRP (dBm)
24.28

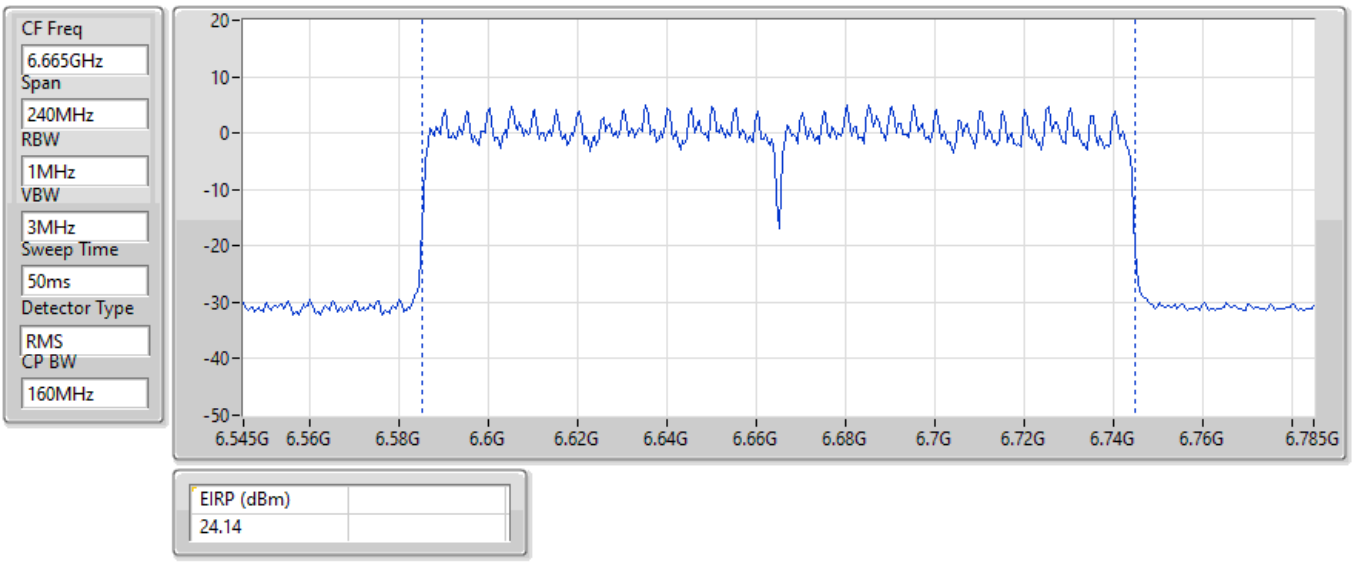

EIRP;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6345MHz;TnomVnom
CF Freq
6.345GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
160MHz
20
10
0
-10
-20
-30
-40
-50
6.225G
6.24G
6.26G
6.28G
6.3G
6.32G
6.34G
6.36G
6.38G
6.4G
6.42G
6.44G
6.465G
EIRP (dBm)
24.55

EIRP;Band:6.4G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6505MHz;TnomVnom

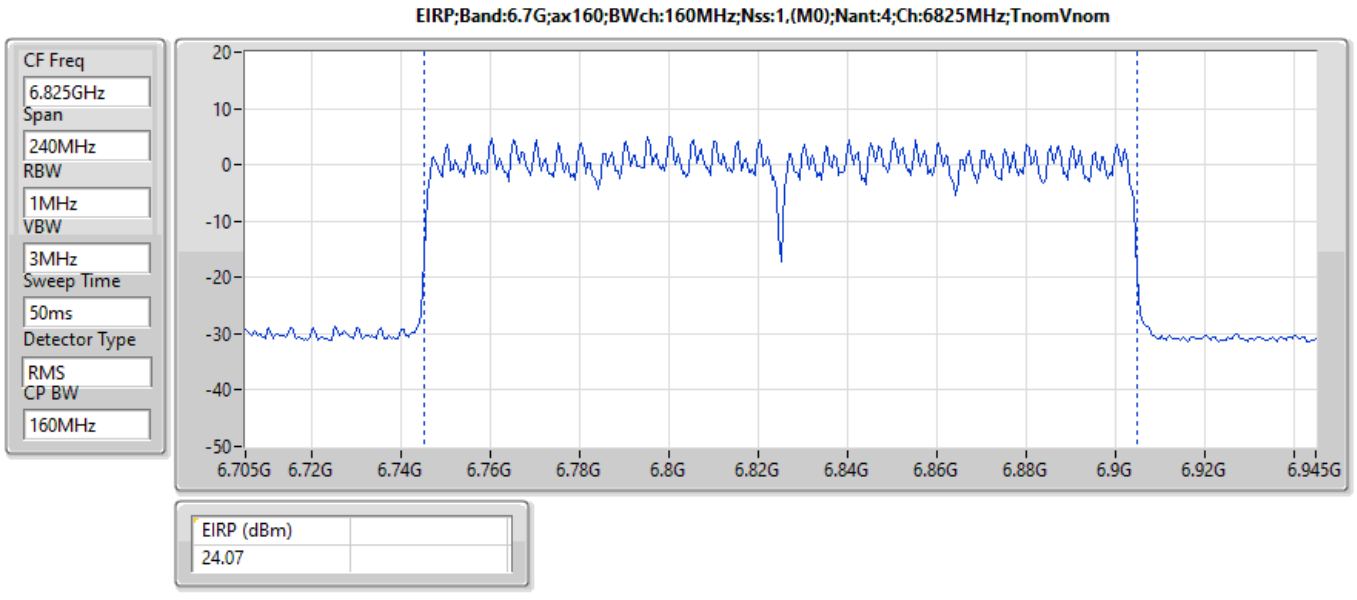


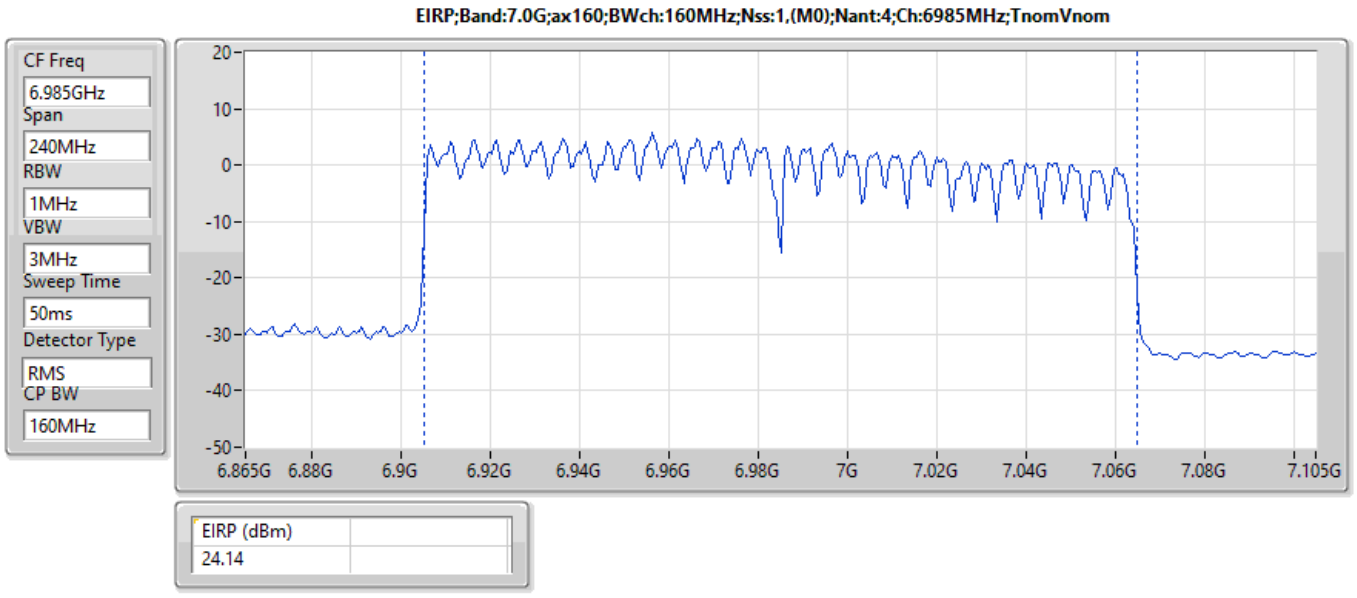
EIRP (dBm)
23.46

EIRP;Band:6.7G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6665MHz;TnomVnom



EIRP (dBm)
24.14


EIRP;Band:6.7G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6825MHz;TnomVnom
CF Freq
6.825GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
160MHz
20
10
0
-10
-20
-30
-40
-50
6.705G
6.72G
6.74G
6.76G
6.78G
6.8G
6.82G
6.84G
6.86G
6.88G
6.9G
6.92G
6.945G
EIRP (dBm)
24.07


EIRP;Band:7.0G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6985MHz;TnomVnom
CF Freq
6.985GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
160MHz
20
10
0
-10
-20
-30
-40
-50
6.865G
6.88G
6.9G
6.92G
6.94G
6.96G
6.98G
7G
7.02G
7.04G
7.06G
7.08G
7.105G
EIRP (dBm)
24.14

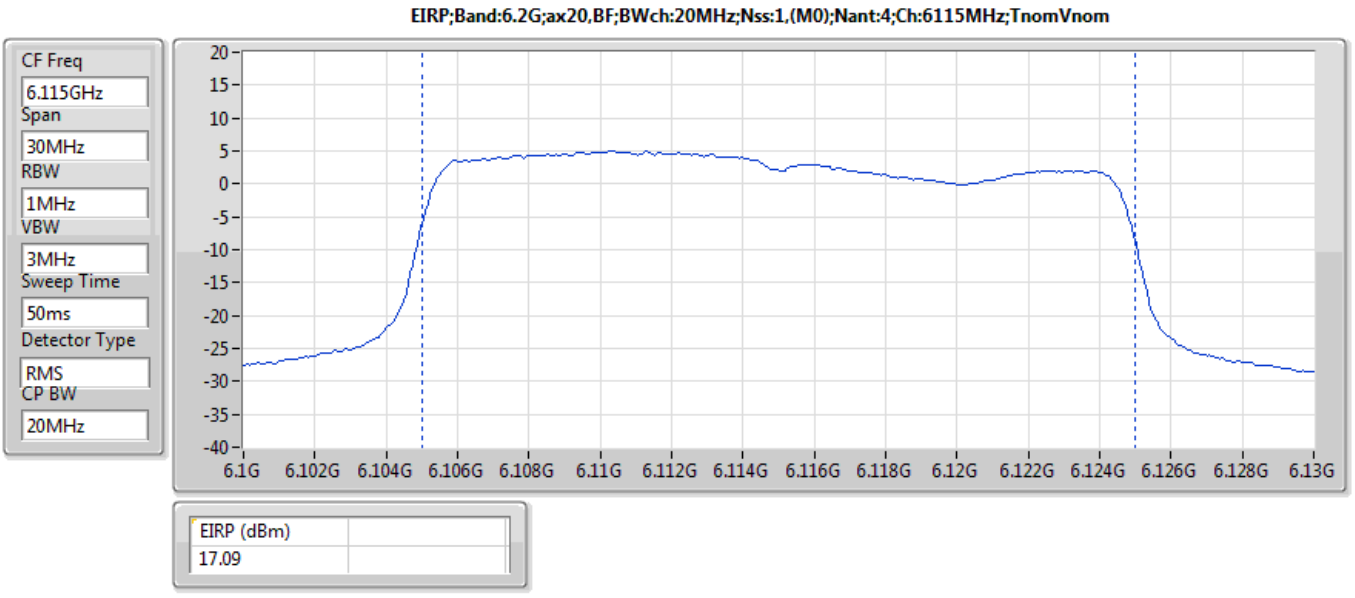
Summary

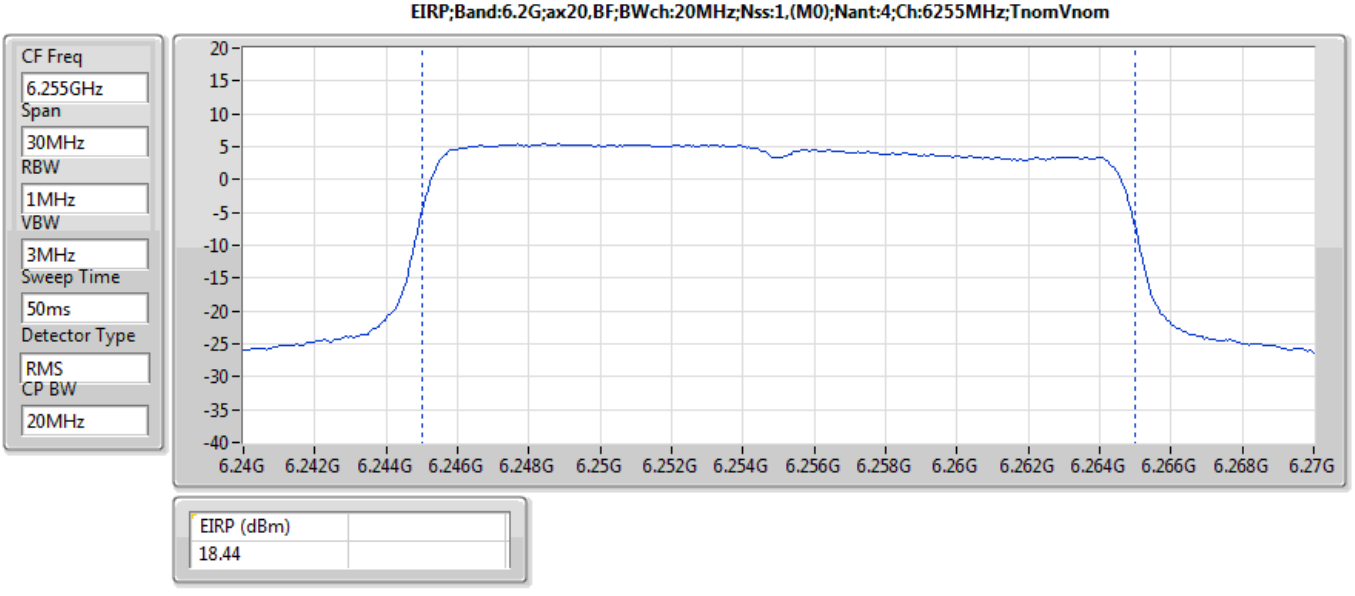
Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.44	0.06982
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.84	0.15276
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.29	0.21330
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	26.90	0.48978
6.425-6.525GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.60	0.05754
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.85	0.15311
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.93	0.15596
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	24.60	0.28840
6.525-6.875GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.82	0.06053
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	19.13	0.08185
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.85	0.15311
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	24.49	0.28119
6.875-7.125GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.26	0.04227
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	19.28	0.08472
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.91	0.19543
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	24.75	0.29854

Result

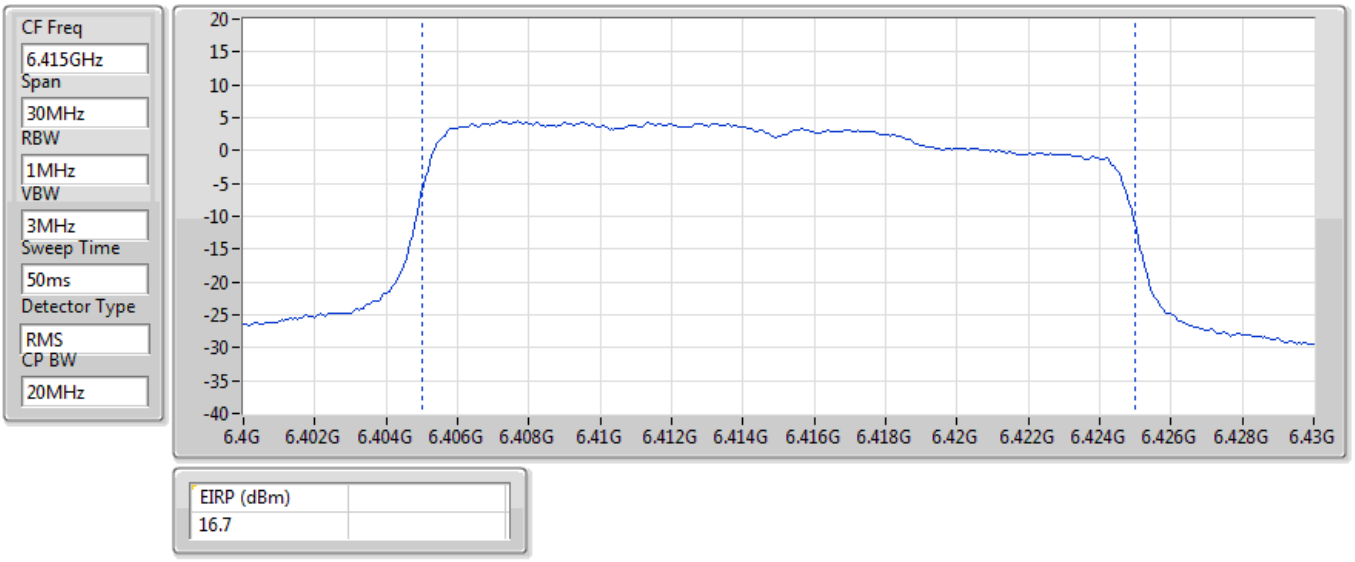
Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-
6115MHz	Pass	17.09	30.00
6255MHz	Pass	18.44	30.00
6415MHz	Pass	16.70	30.00
6435MHz	Pass	17.60	30.00
6475MHz	Pass	17.17	30.00
6515MHz	Pass	17.14	30.00
6535MHz	Pass	16.19	30.00
6695MHz	Pass	17.29	30.00
6855MHz	Pass	17.82	30.00
6875MHz Straddle 6.525-6.875GHz	Pass	15.78	30.00
6895MHz	Pass	16.26	30.00
6995MHz	Pass	16.19	30.00
7095MHz	Pass	15.34	30.00
7115MHz	Pass	9.69	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-
6125MHz	Pass	20.90	30.00
6245MHz	Pass	21.84	30.00
6405MHz	Pass	21.50	30.00
6445MHz	Pass	21.85	30.00
6485MHz	Pass	21.32	30.00
6525MHz Straddle 6.425-6.525GHz	Pass	17.58	30.00
6565MHz	Pass	19.13	30.00
6685MHz	Pass	17.73	30.00
6845MHz	Pass	17.89	30.00
6885MHz Straddle 6.525-6.875GHz	Pass	17.97	30.00
6925MHz	Pass	19.28	30.00
7005MHz	Pass	18.32	30.00
7085MHz	Pass	17.98	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-
6145MHz	Pass	23.29	30.00
6225MHz	Pass	22.96	30.00
6385MHz	Pass	21.66	30.00
6465MHz	Pass	21.43	30.00
6545MHz Straddle 6.425-6.525GHz	Pass	21.93	30.00
6625MHz	Pass	21.75	30.00
6705MHz	Pass	21.85	30.00
6785MHz	Pass	21.29	30.00
6865MHz Straddle 6.525-6.875GHz	Pass	21.52	30.00
6945MHz	Pass	22.91	30.00
7025MHz	Pass	20.90	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-
6185MHz	Pass	26.50	30.00
6345MHz	Pass	26.90	30.00
6505MHz Straddle 6.425-6.525GHz	Pass	24.60	30.00
6665MHz	Pass	24.49	30.00
6825MHz Straddle 6.525-6.875GHz	Pass	24.35	30.00
6985MHz	Pass	24.75	30.00

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

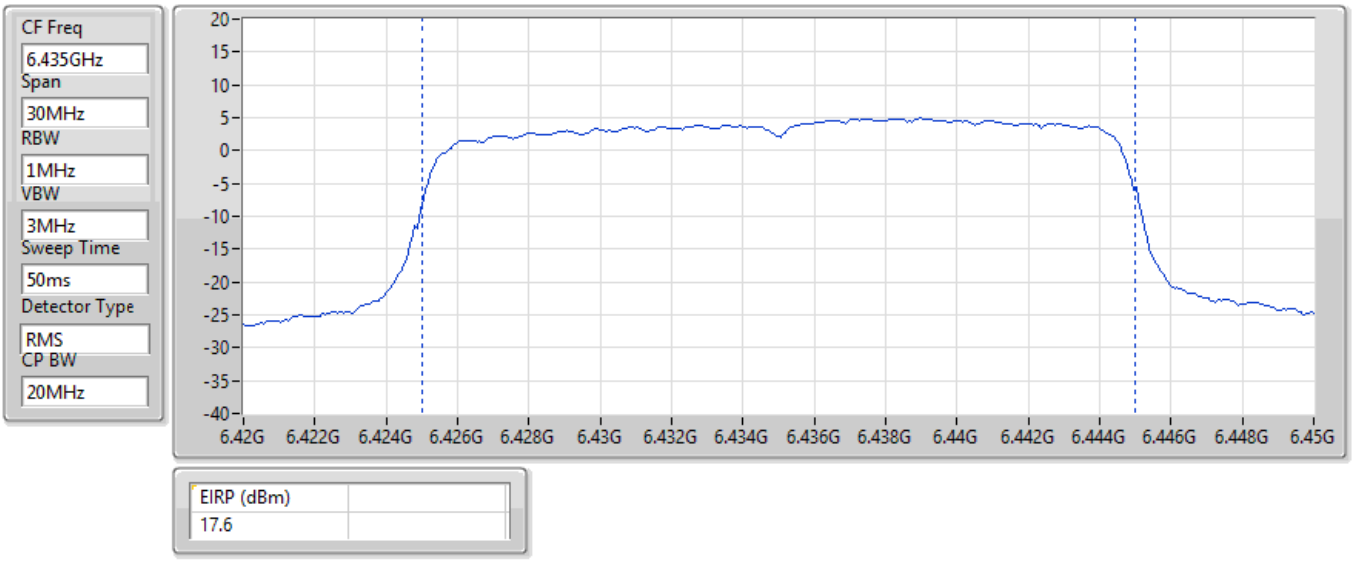

EIRP;Band:6.2G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6115MHz;TnomVnom
CF Freq
6.115GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.1G 6.102G 6.104G 6.106G 6.108G 6.11G 6.112G 6.114G 6.116G 6.118G 6.12G 6.122G 6.124G 6.126G 6.128G 6.13G
EIRP (dBm)
17.09


EIRP;Band:6.2G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6255MHz;TnomVnom
CF Freq
6.255GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.24G 6.242G 6.244G 6.246G 6.248G 6.25G 6.252G 6.254G 6.256G 6.258G 6.26G 6.262G 6.264G 6.266G 6.268G 6.27G
EIRP (dBm)
18.44

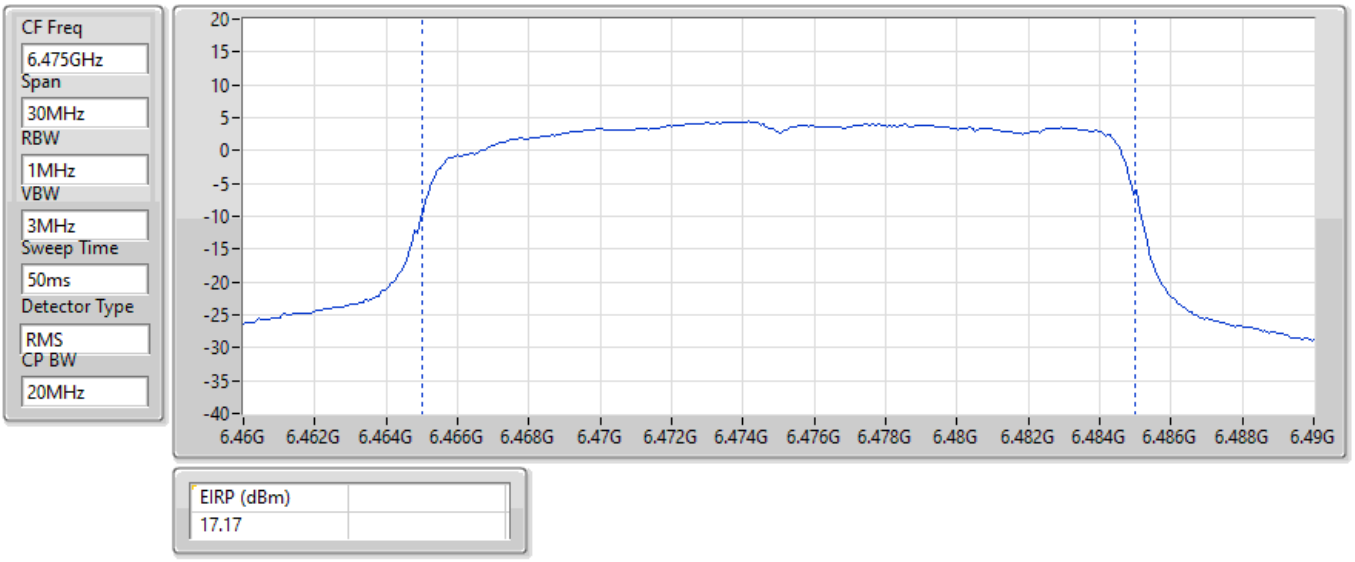
EIRP;Band:6.2G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6415MHz;TnomVnom



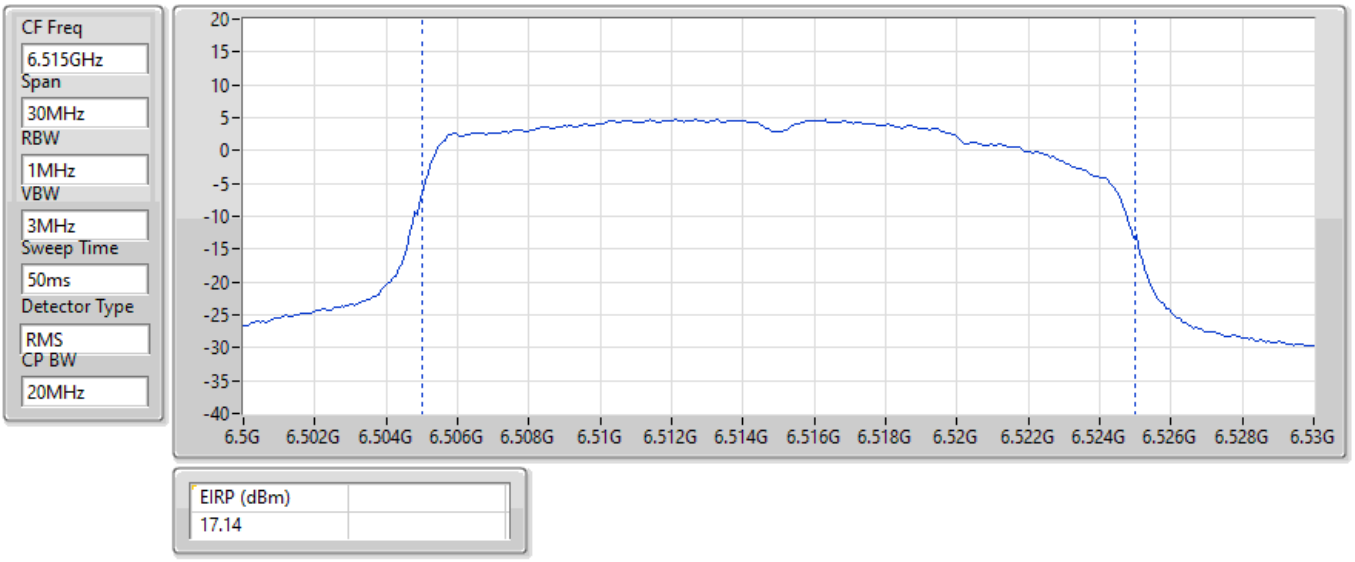
EIRP;Band:6.4G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6435MHz;TnomVnom



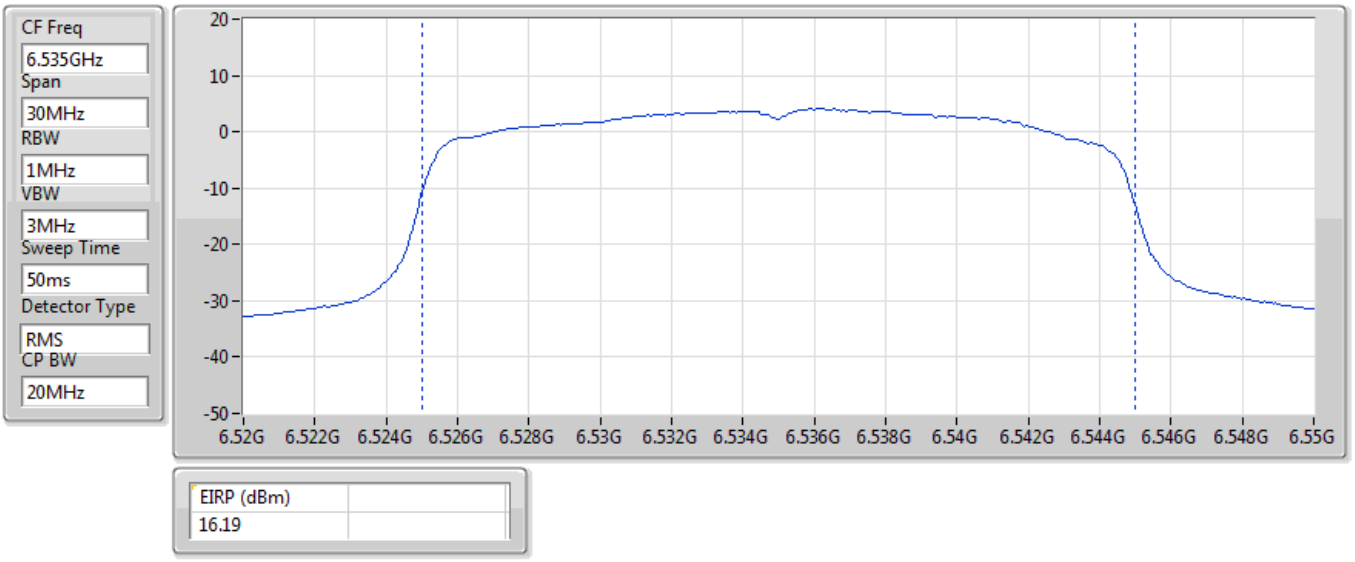
EIRP;Band:6.4G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6475MHz;TnomVnom



EIRP;Band:6.4G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6515MHz;TnomVnom

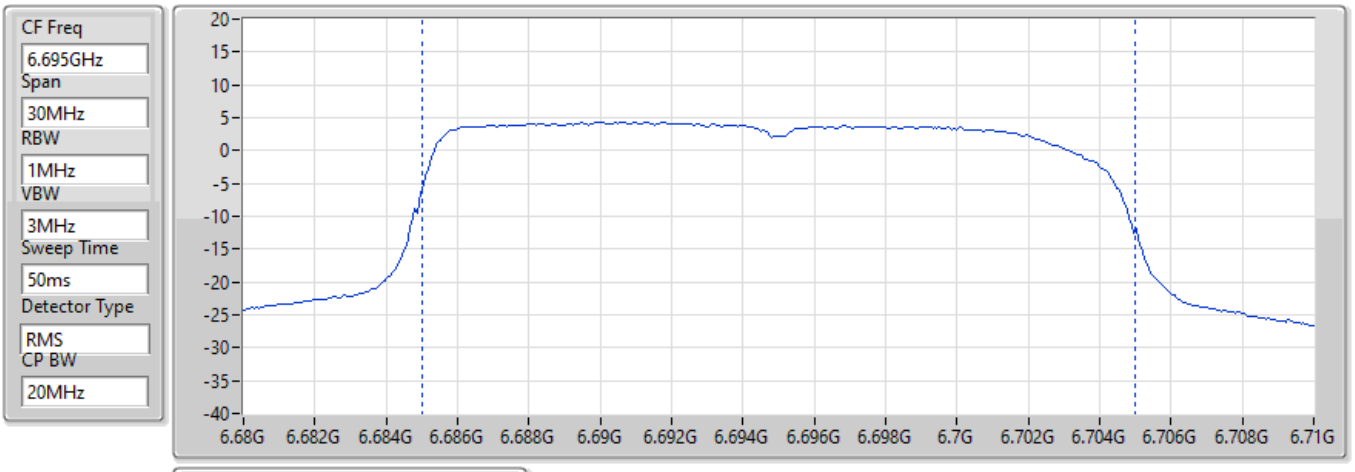


EIRP;Band:6.7G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6535MHz;TnomVnom



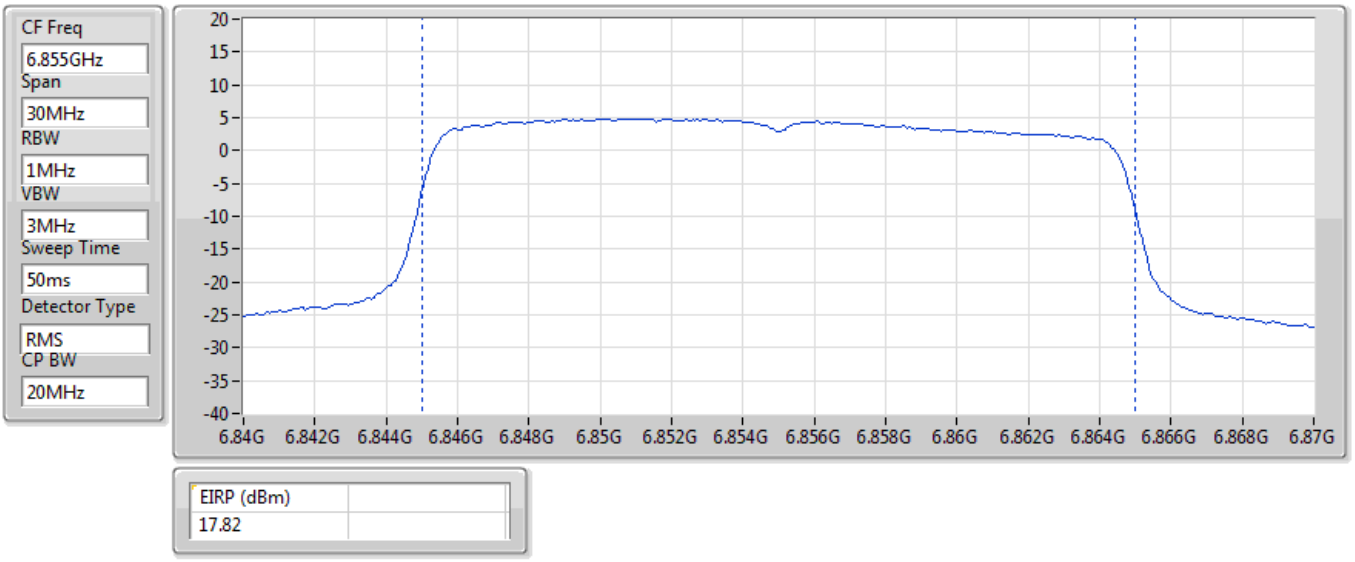
EIRP (dBm)
16.19

EIRP;Band:6.7G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6695MHz;TnomVnom



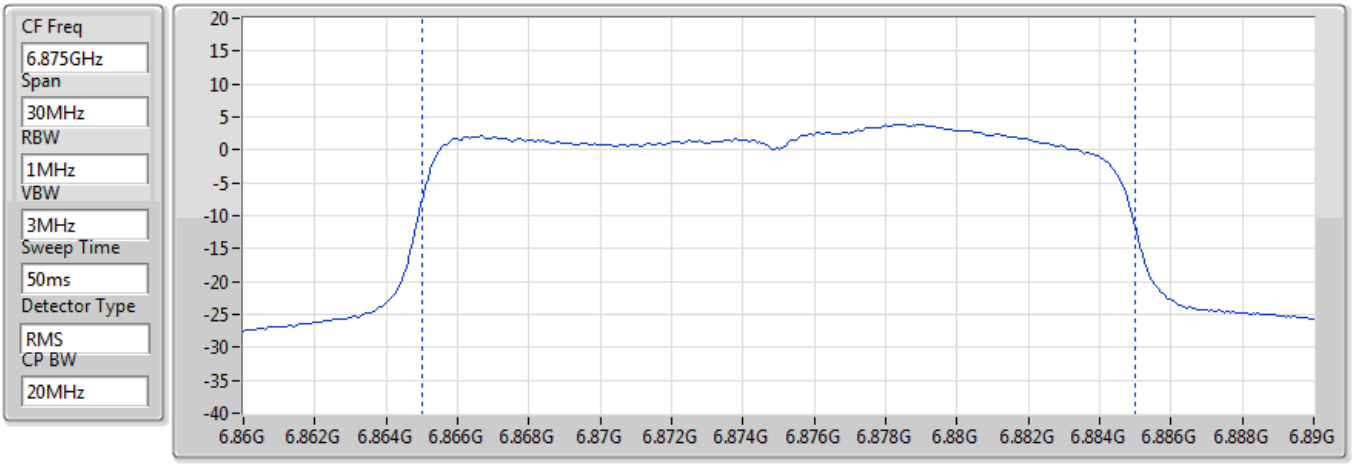
EIRP (dBm)
17.29

EIRP;Band:6.7G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6855MHz;TnomVnom

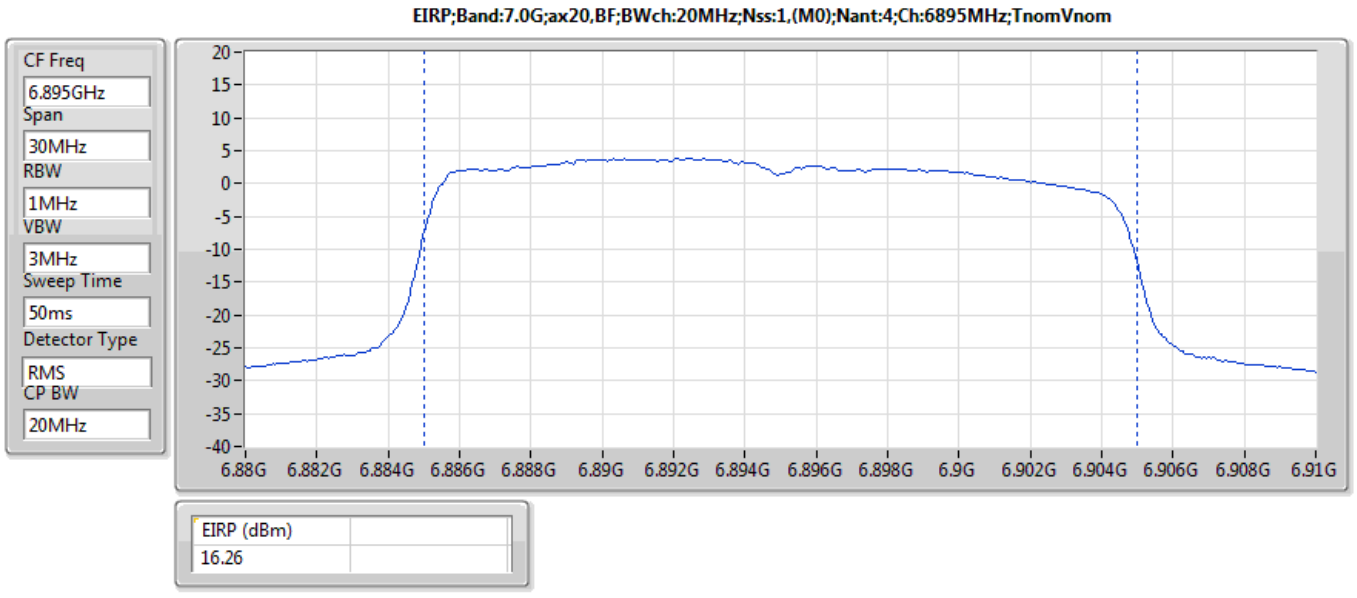


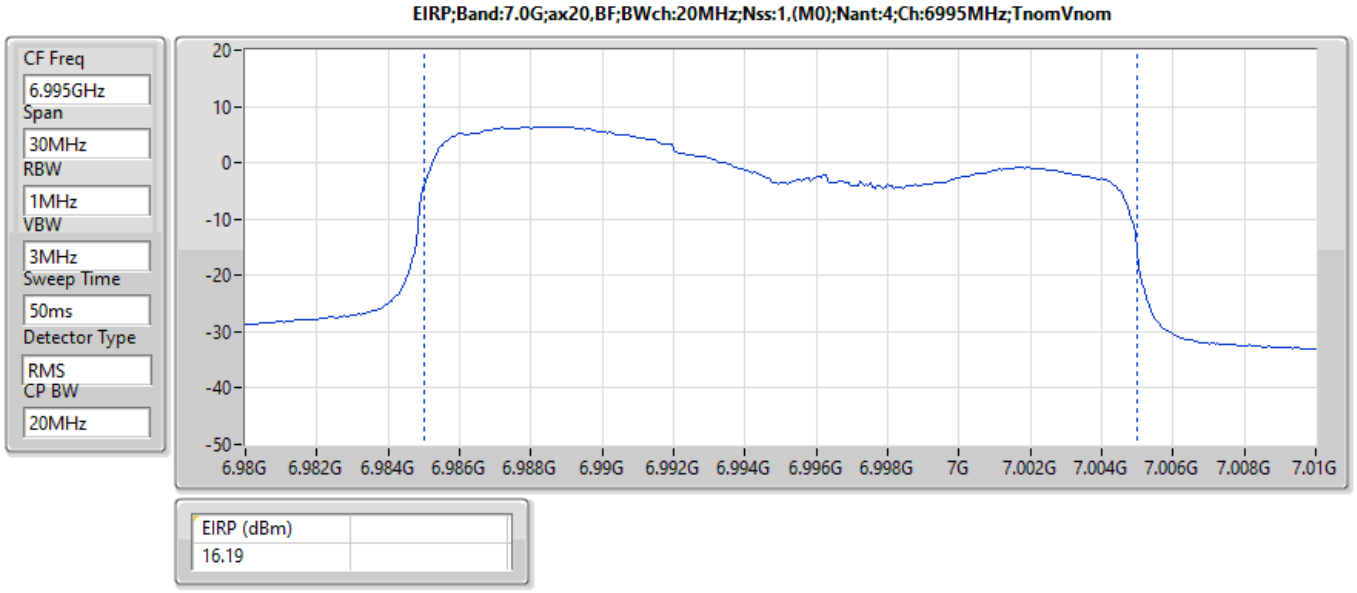
EIRP (dBm)
17.82

EIRP;Band:6.7G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6875MHz;TnomVnom

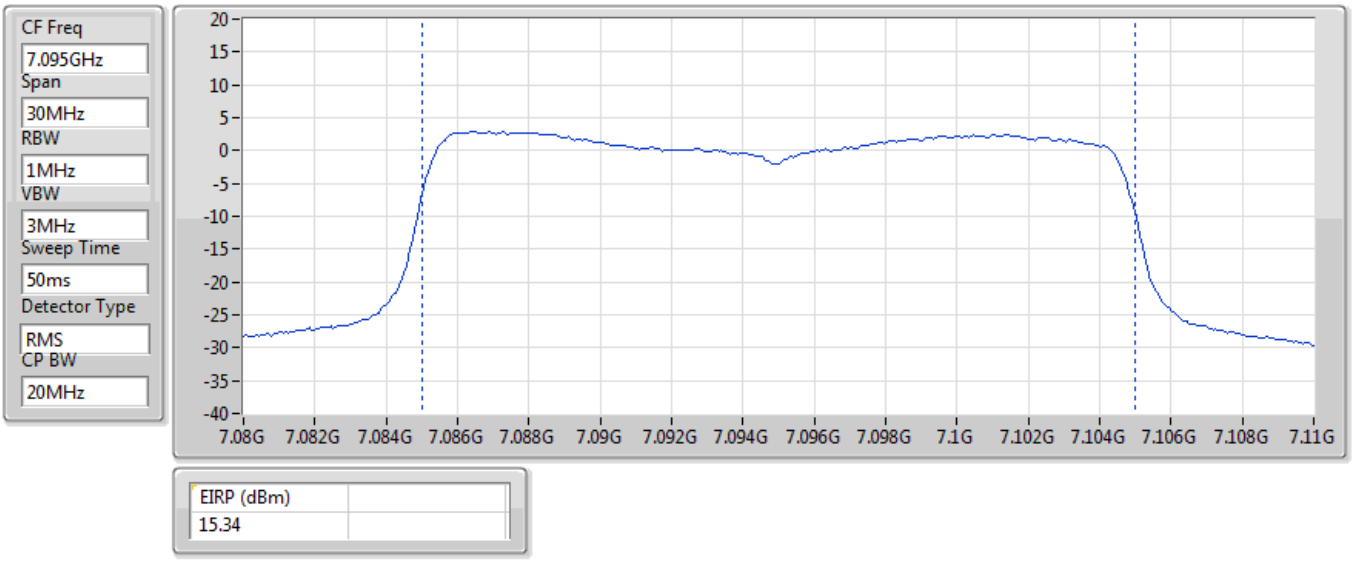


EIRP (dBm)
15.78


EIRP;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6895MHz;TnomVnom
CF Freq
6.895GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.88G 6.882G 6.884G 6.886G 6.888G 6.89G 6.892G 6.894G 6.896G 6.898G 6.9G 6.902G 6.904G 6.906G 6.908G 6.91G
EIRP (dBm)
16.26

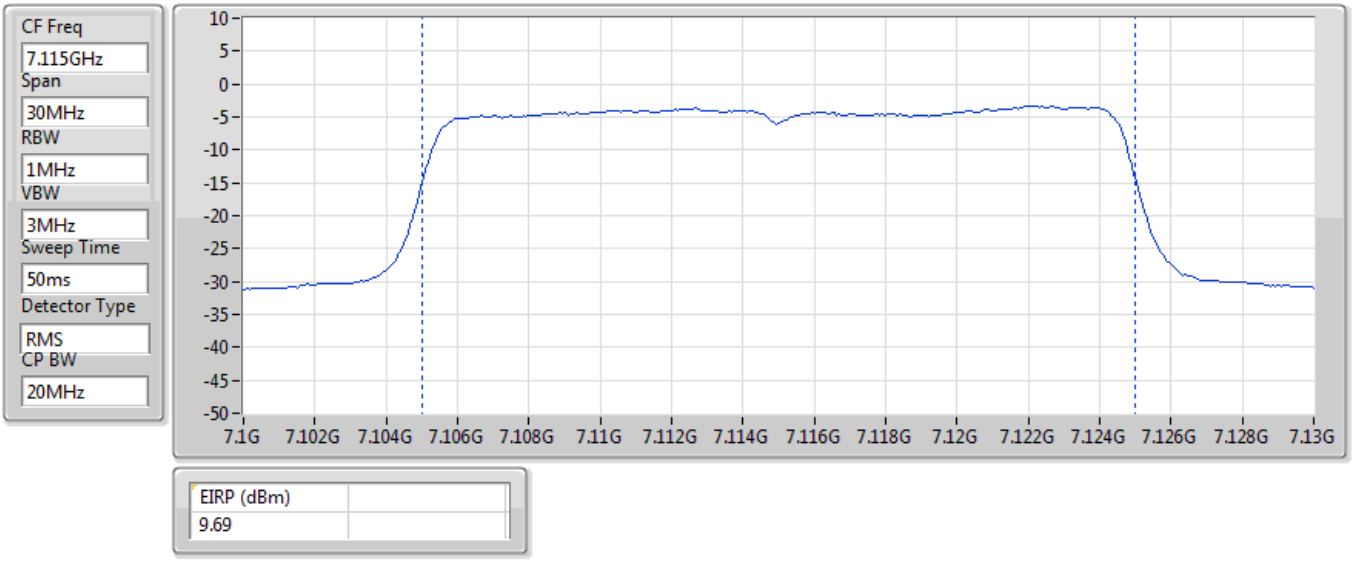

EIRP;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6995MHz;TnomVnom
CF Freq
6.995GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
10
0
-10
-20
-30
-40
-50
6.98G 6.982G 6.984G 6.986G 6.988G 6.99G 6.992G 6.994G 6.996G 6.998G 7G 7.002G 7.004G 7.006G 7.008G 7.01G
EIRP (dBm)
16.19

EIRP;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7095MHz;TnomVnom



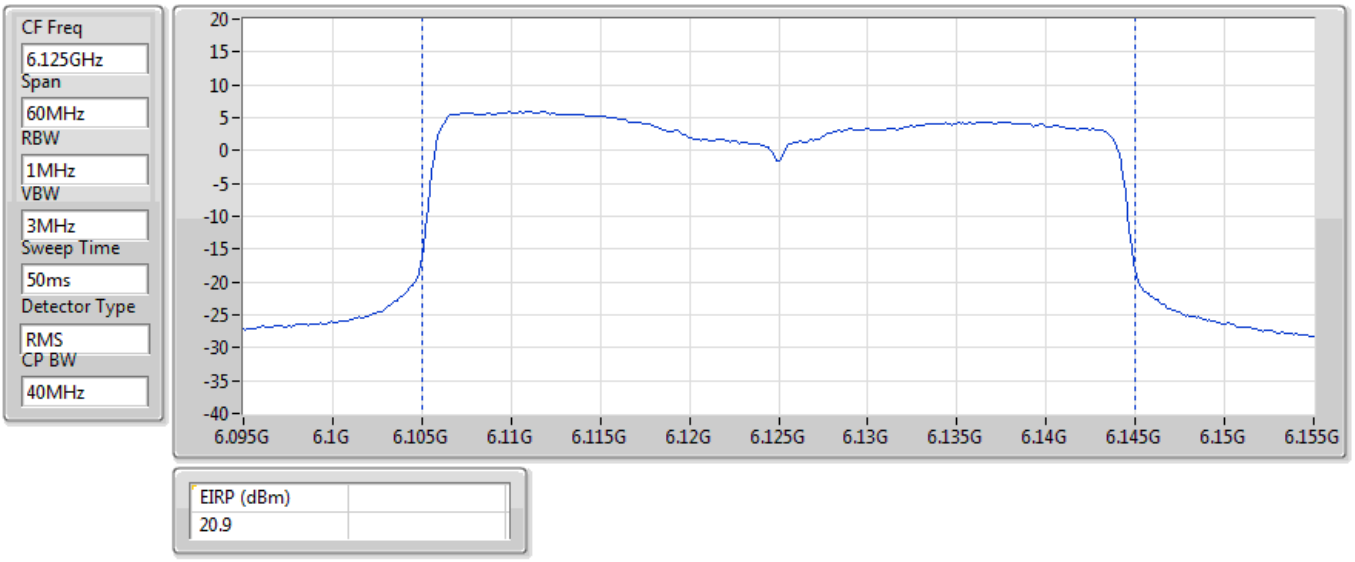
EIRP (dBm)
15.34

EIRP;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7115MHz;TnomVnom

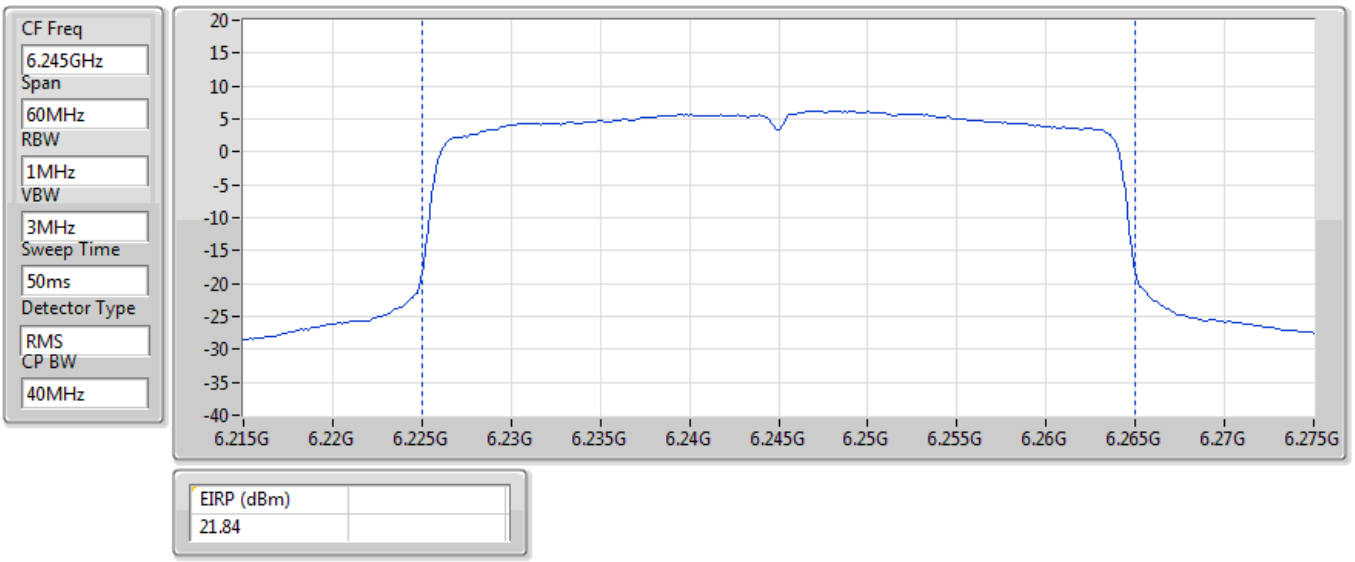


EIRP (dBm)
9.69

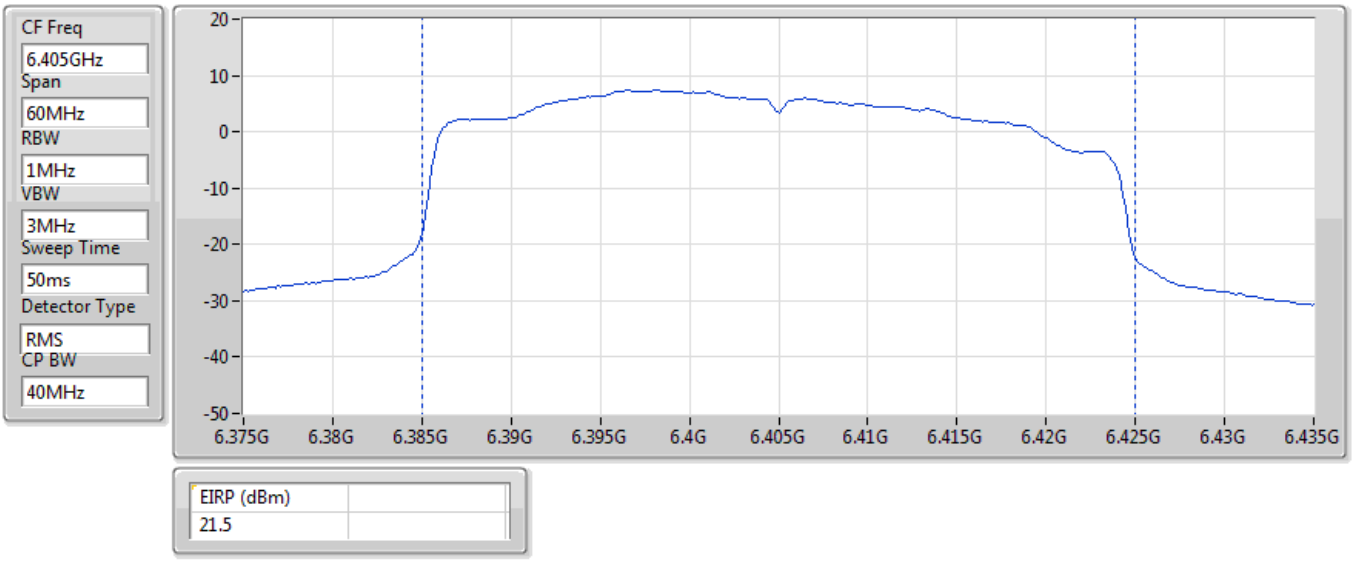
EIRP;Band:6.2G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6125MHz;TnomVnom



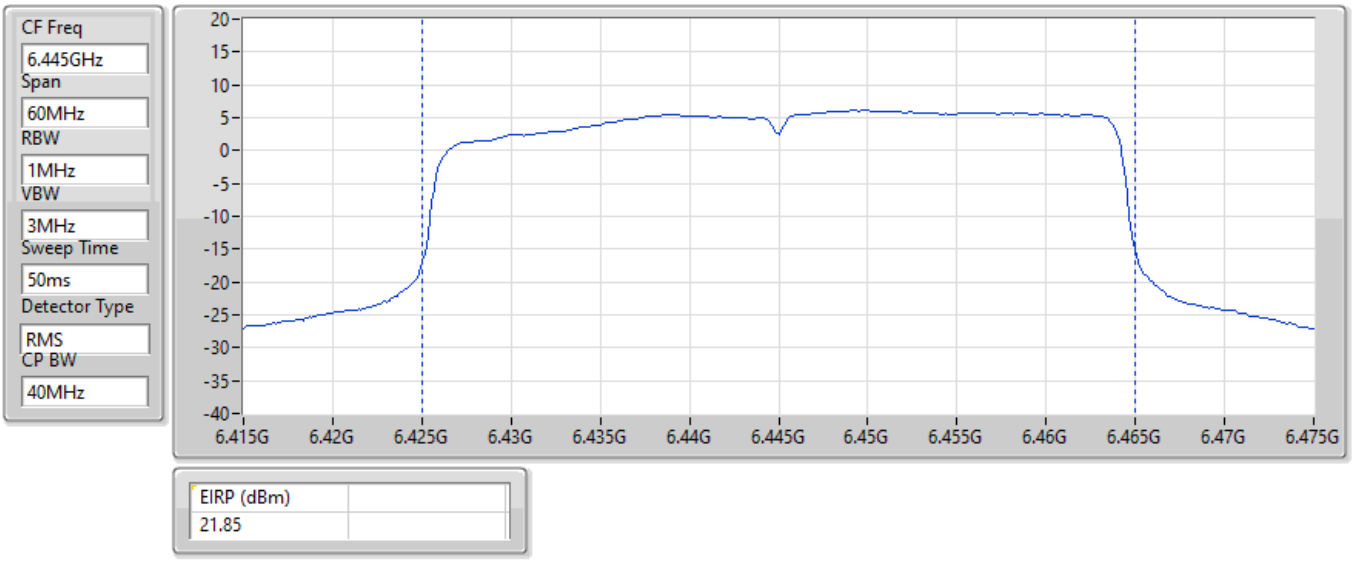
EIRP;Band:6.2G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6245MHz;TnomVnom



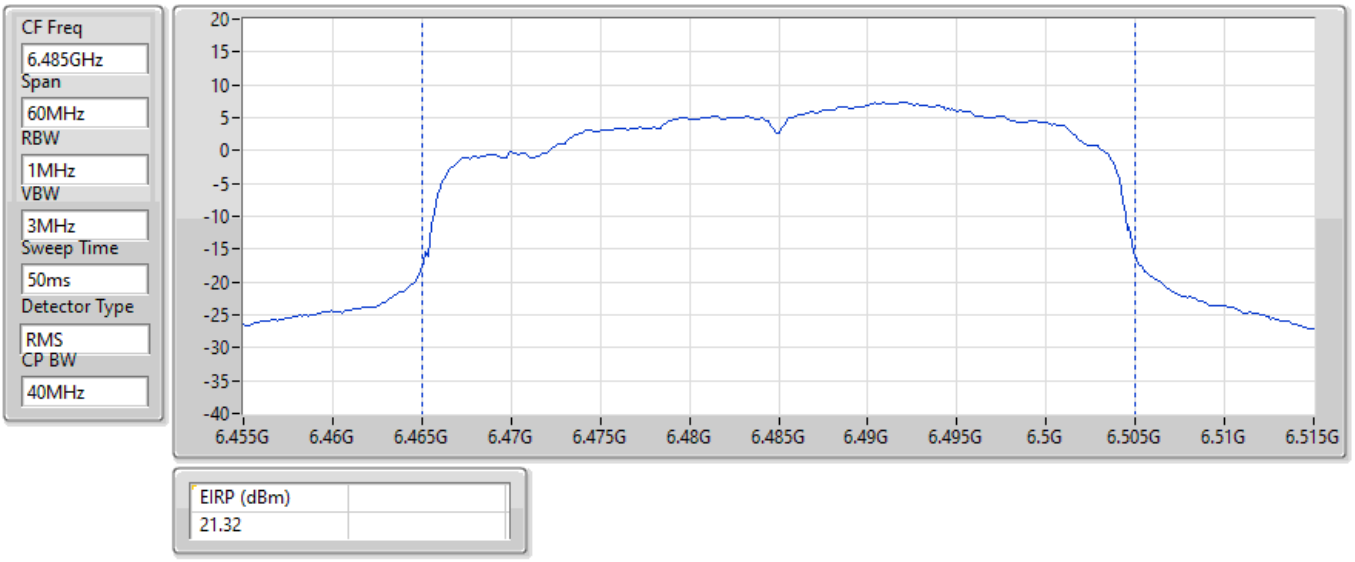
EIRP;Band:6.2G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6405MHz;TnomVnom



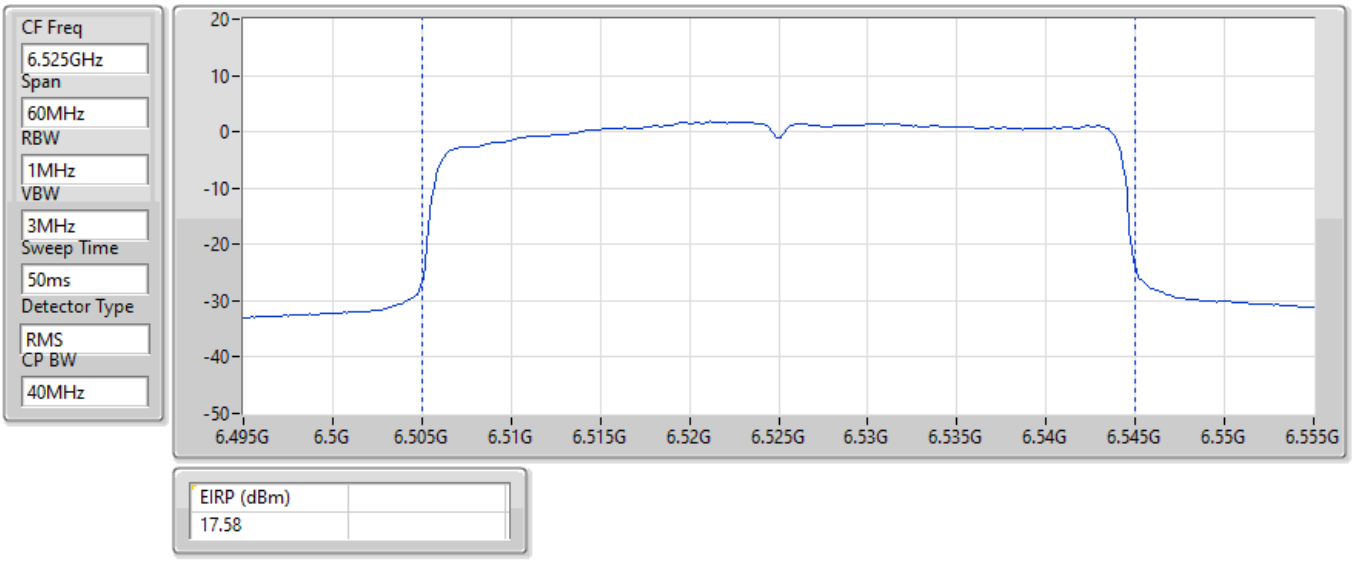
EIRP;Band:6.4G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6445MHz;TnomVnom



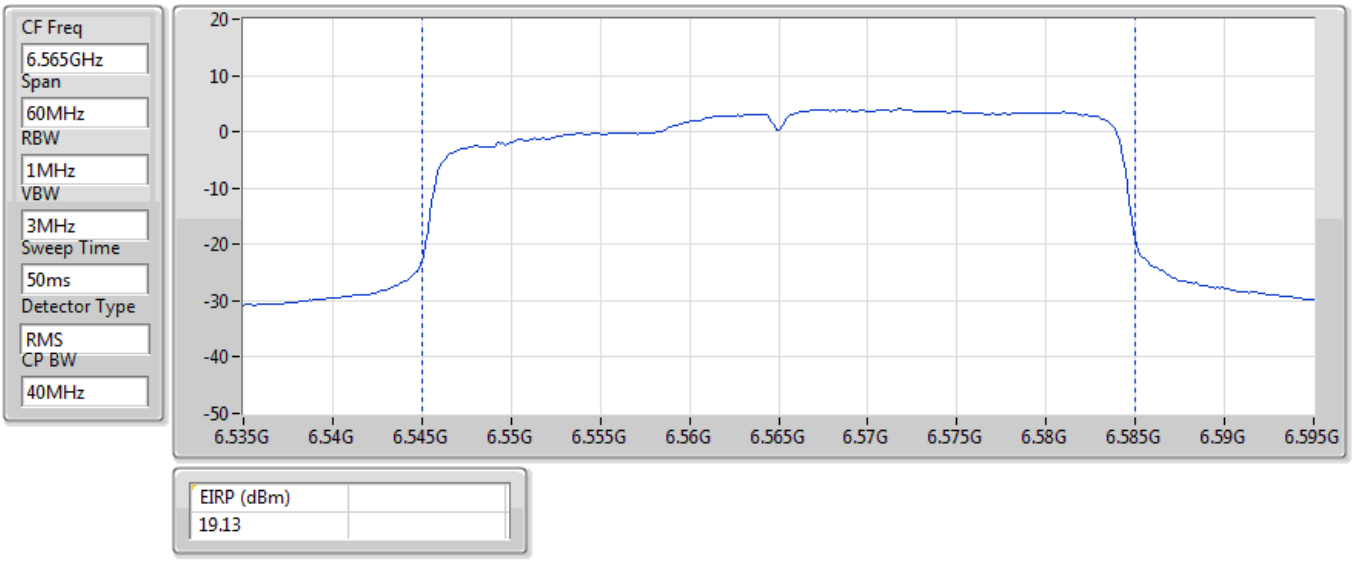
EIRP;Band:6.4G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6485MHz;TnomVnom



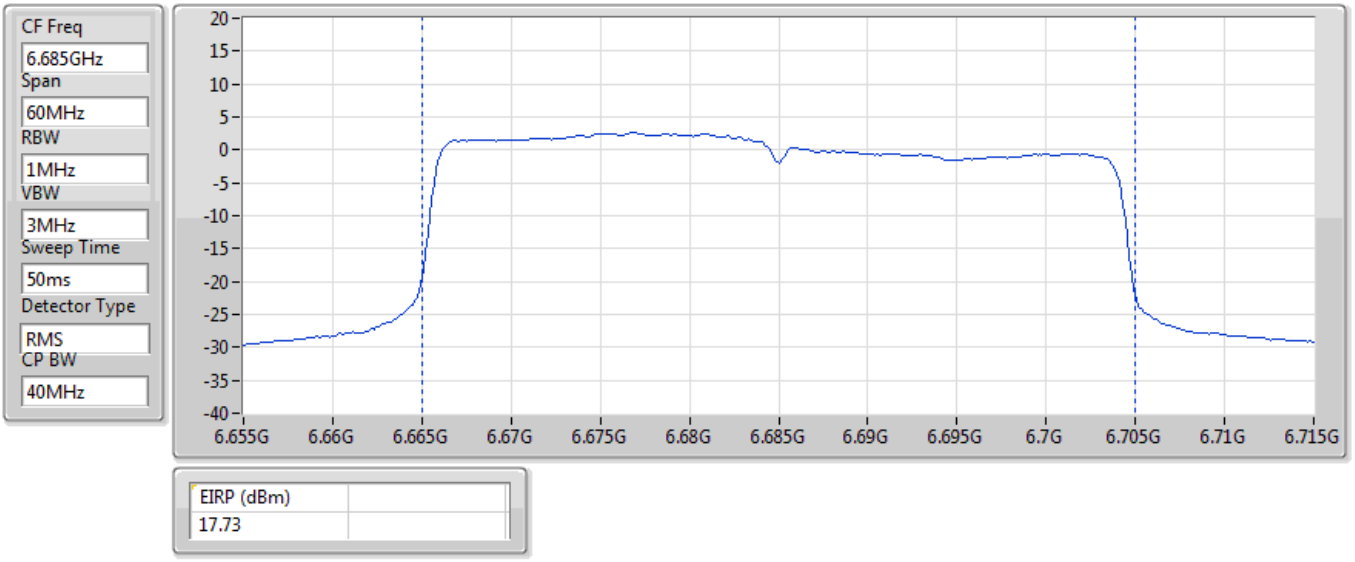
EIRP;Band:6.4G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6525MHz;TnomVnom



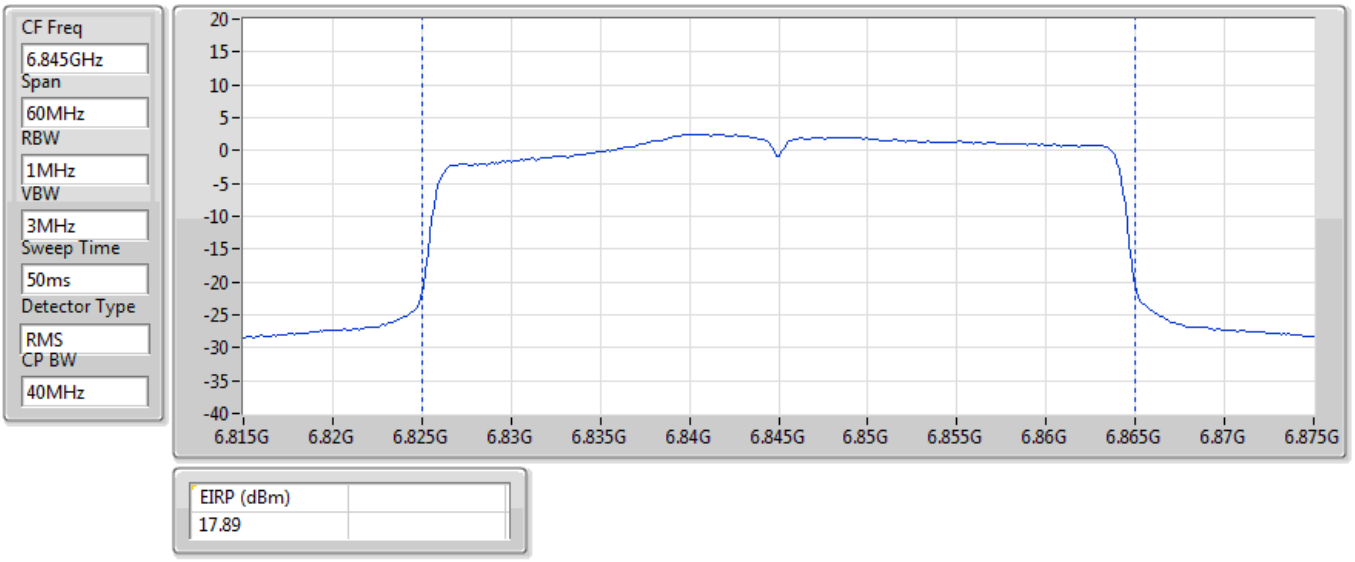
EIRP;Band:6.7G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6565MHz;TnomVnom



EIRP;Band:6.7G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6685MHz;TnomVnom

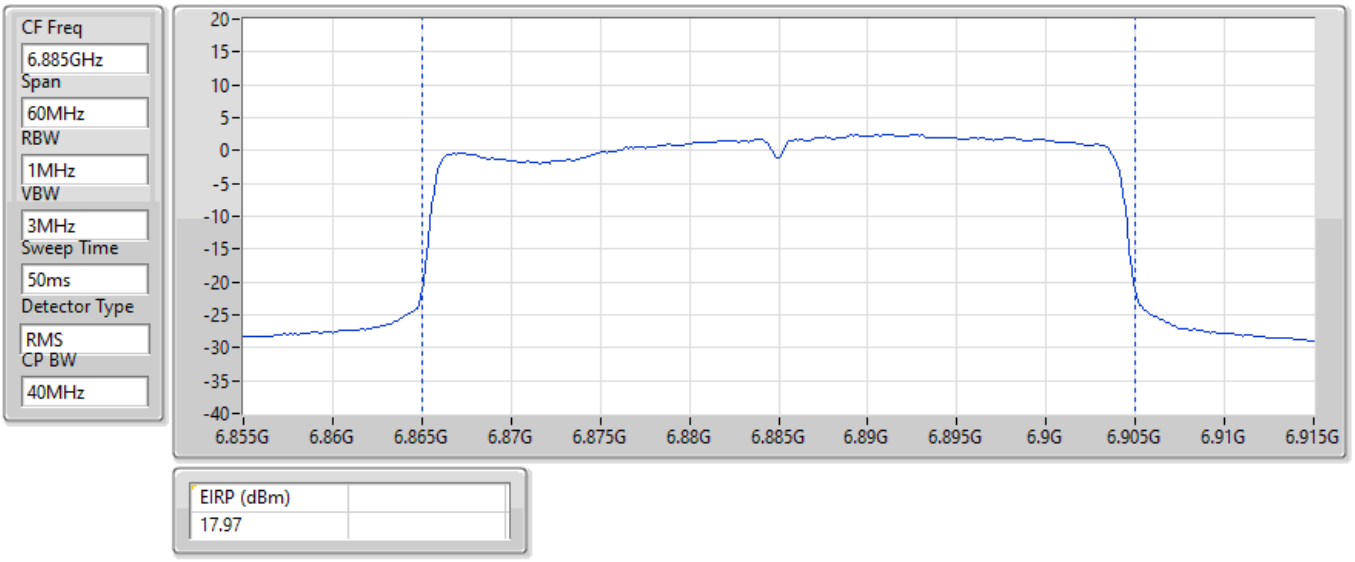


EIRP;Band:6.7G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6845MHz;TnomVnom



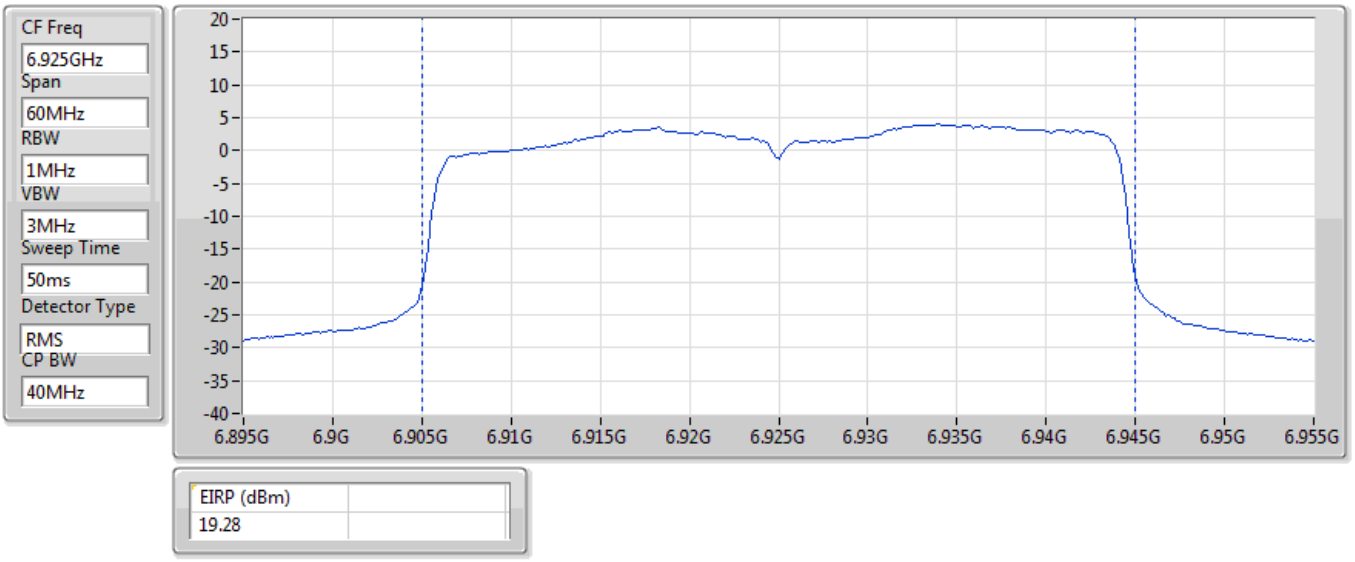
EIRP (dBm)
17.89

EIRP;Band:6.7G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6885MHz;TnomVnom

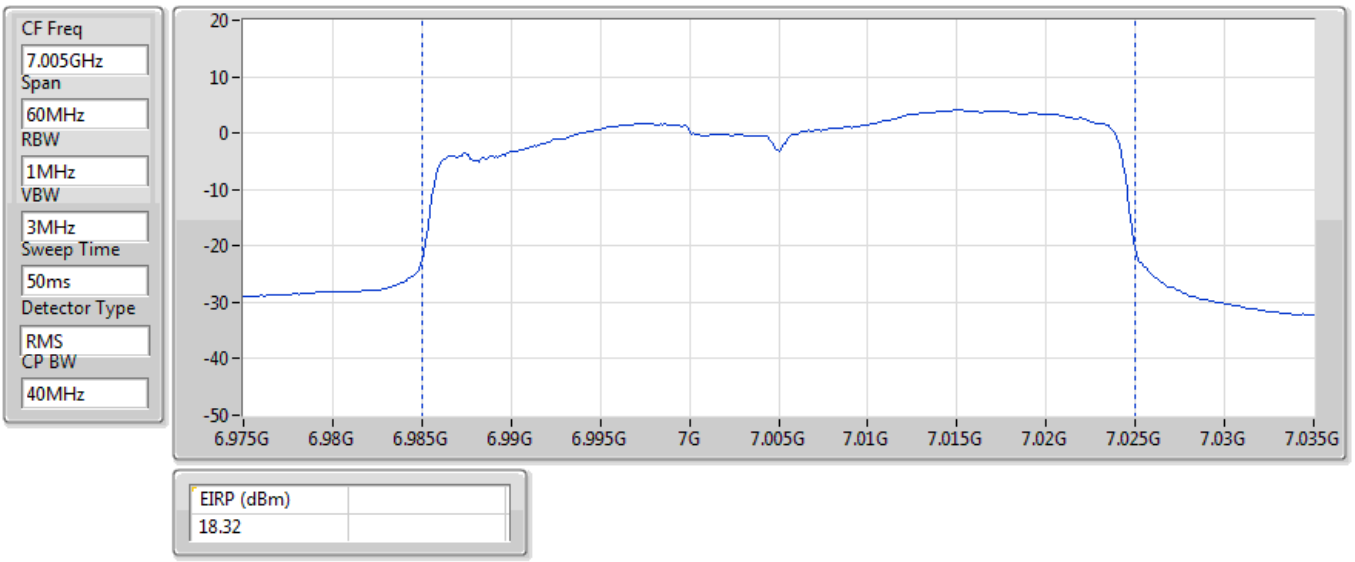


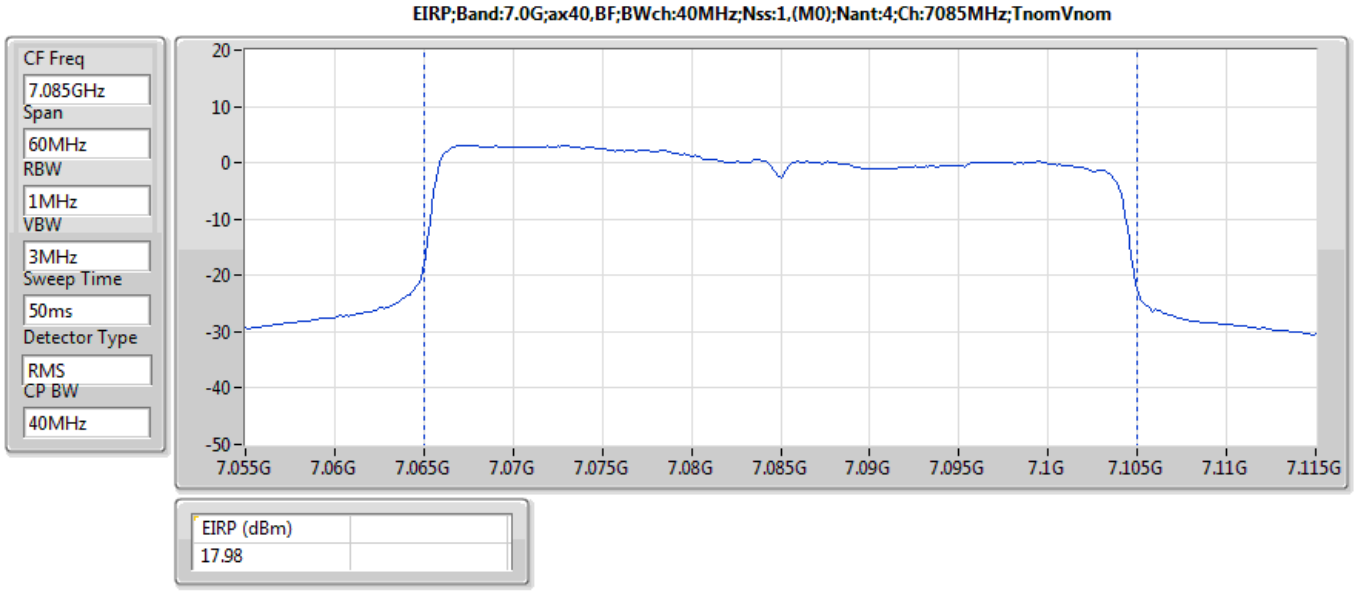
EIRP (dBm)
17.97

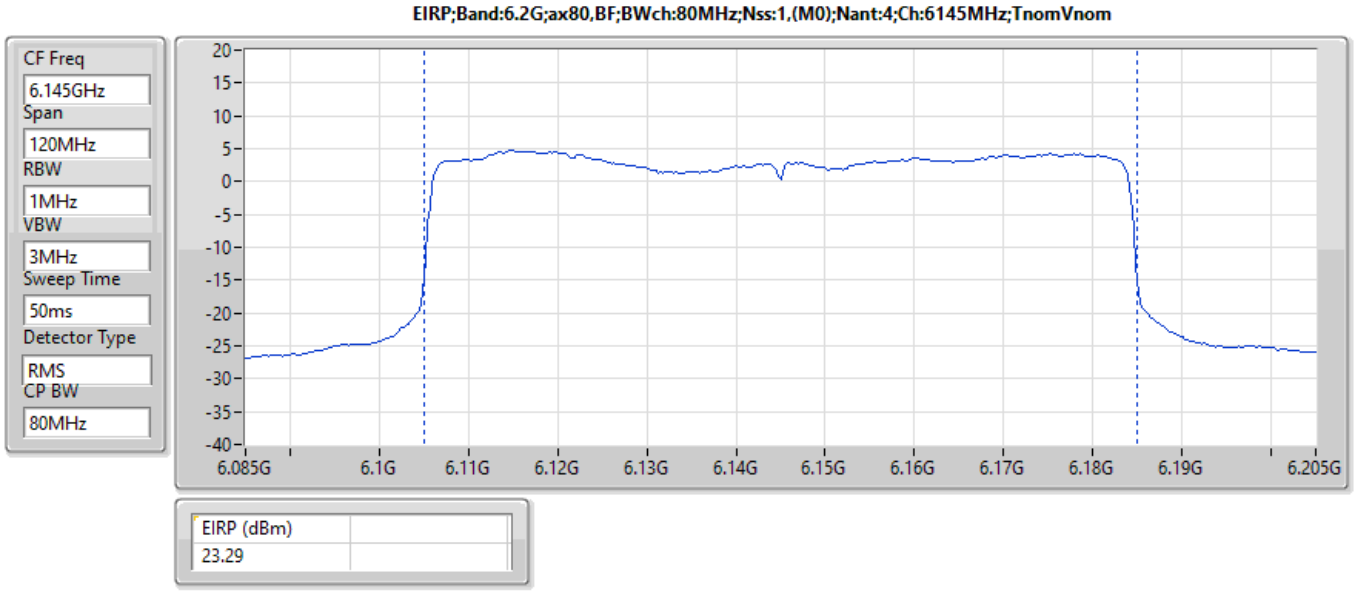
EIRP;Band:7.0G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6925MHz;TnomVnom



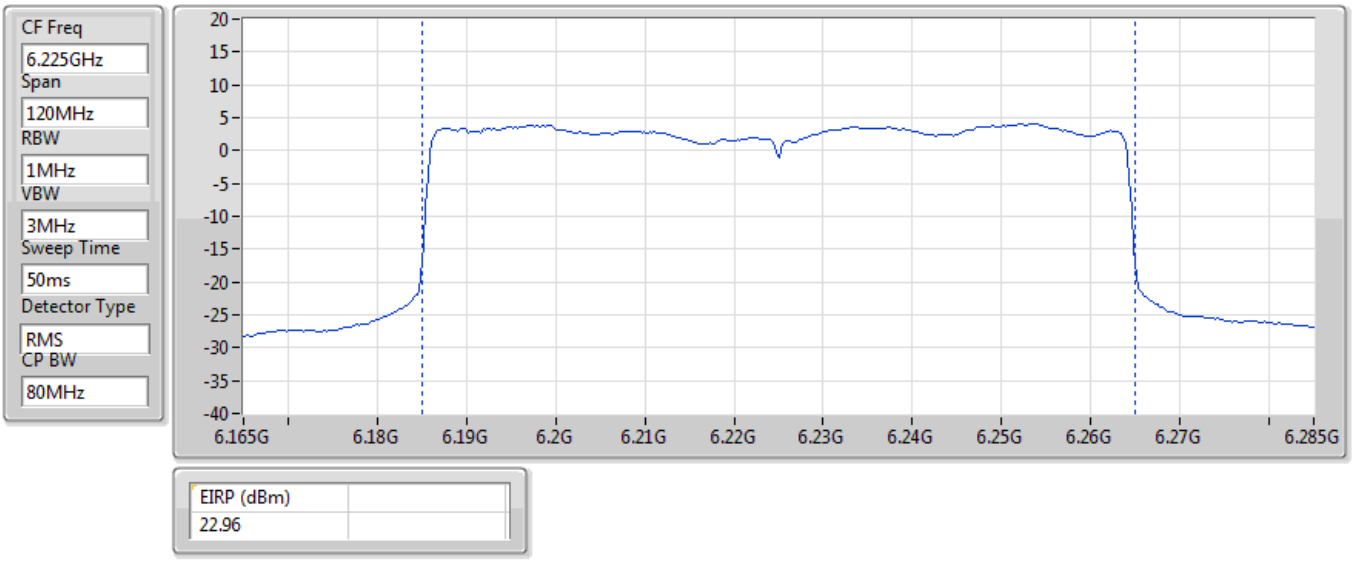
EIRP;Band:7.0G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7005MHz;TnomVnom




EIRP;Band:7.0G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7085MHz;TnomVnom
CF Freq
7.085GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
7.055G
7.06G
7.065G
7.07G
7.075G
7.08G
7.085G
7.09G
7.095G
7.1G
7.105G
7.11G
7.115G
EIRP (dBm)
17.98

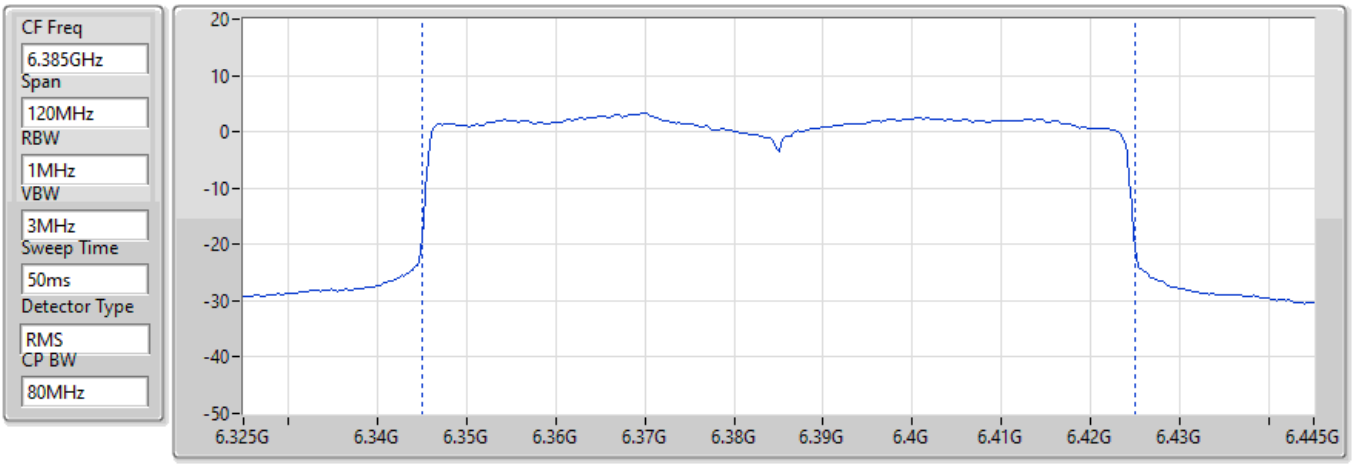

EIRP;Band:6.2G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6145MHz;TnomVnom
CF Freq
6.145GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.085G
6.1G
6.11G
6.12G
6.13G
6.14G
6.15G
6.16G
6.17G
6.18G
6.19G
6.205G
EIRP (dBm)
23.29

EIRP;Band:6.2G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6225MHz;TnomVnom

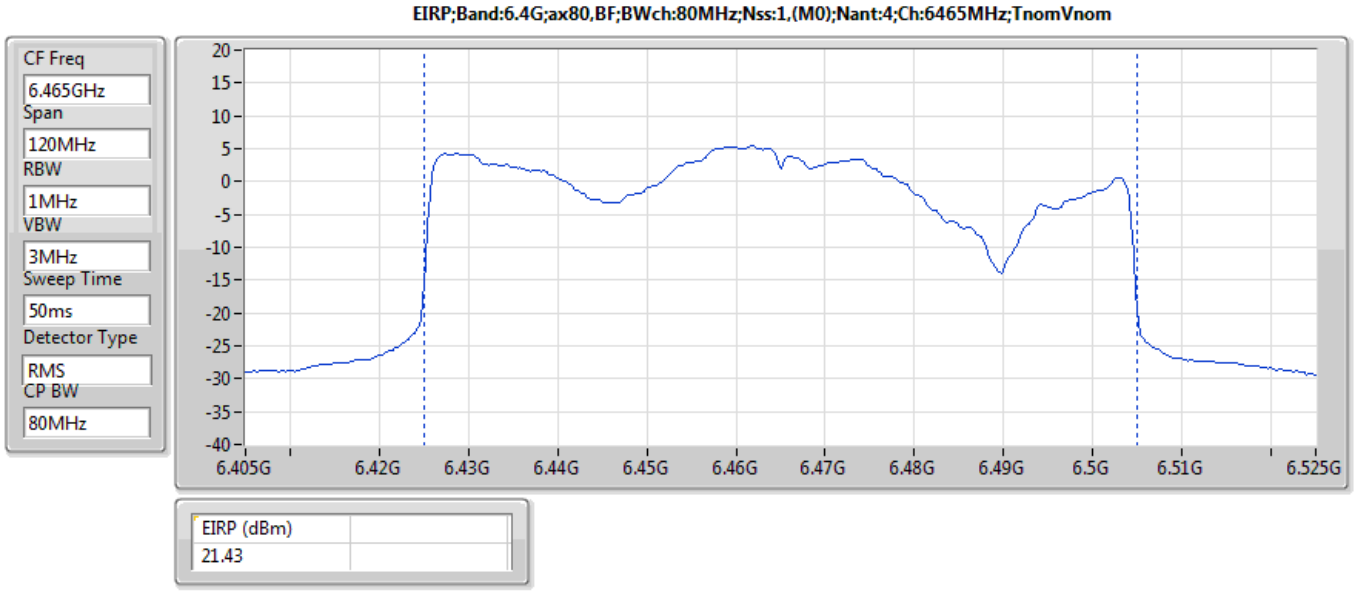


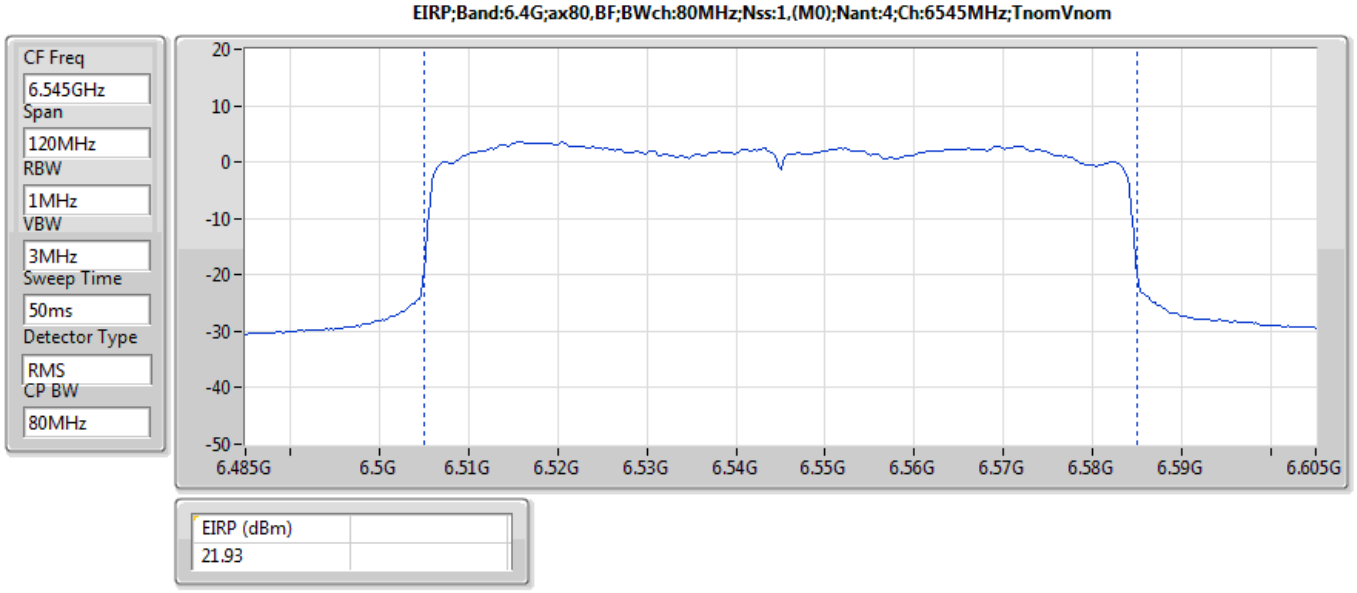
EIRP (dBm)
22.96

EIRP;Band:6.2G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6385MHz;TnomVnom

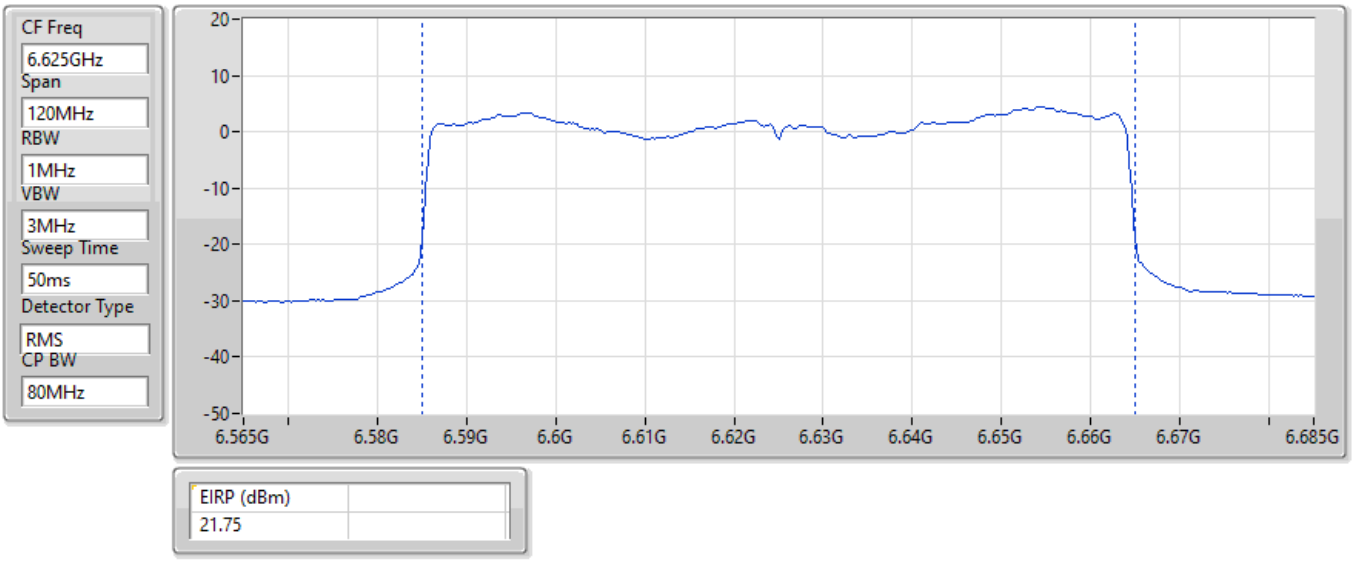


EIRP (dBm)
21.66


EIRP;Band:6.4G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6465MHz;TnomVnom
CF Freq
6.465GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.405G
6.42G
6.43G
6.44G
6.45G
6.46G
6.47G
6.48G
6.49G
6.5G
6.51G
6.525G
EIRP (dBm)
21.43

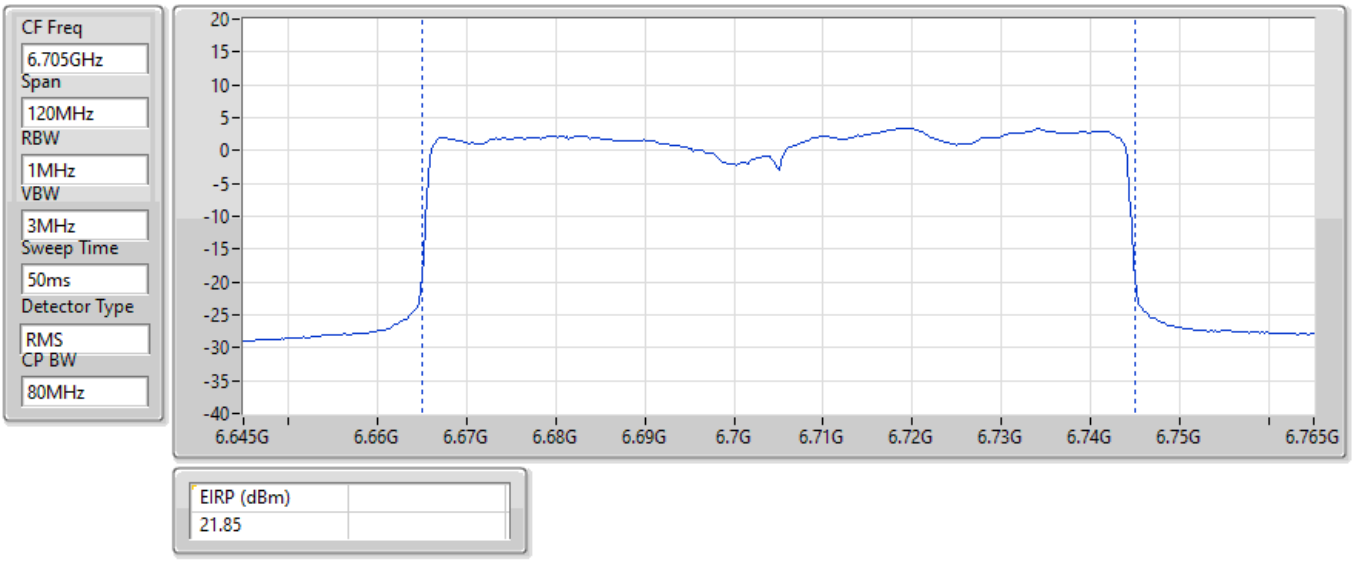

EIRP;Band:6.4G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6545MHz;TnomVnom
CF Freq
6.545GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
10
0
-10
-20
-30
-40
-50
6.485G
6.5G
6.51G
6.52G
6.53G
6.54G
6.55G
6.56G
6.57G
6.58G
6.59G
6.605G
EIRP (dBm)
21.93

EIRP;Band:6.7G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6625MHz;TnomVnom

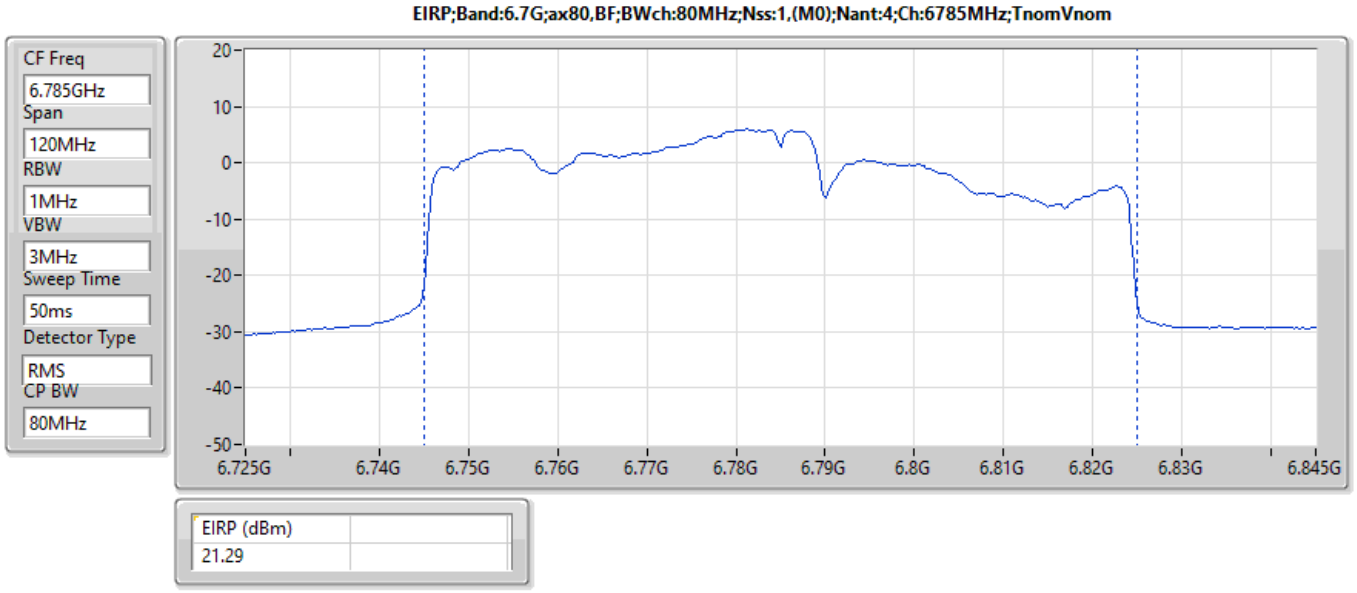


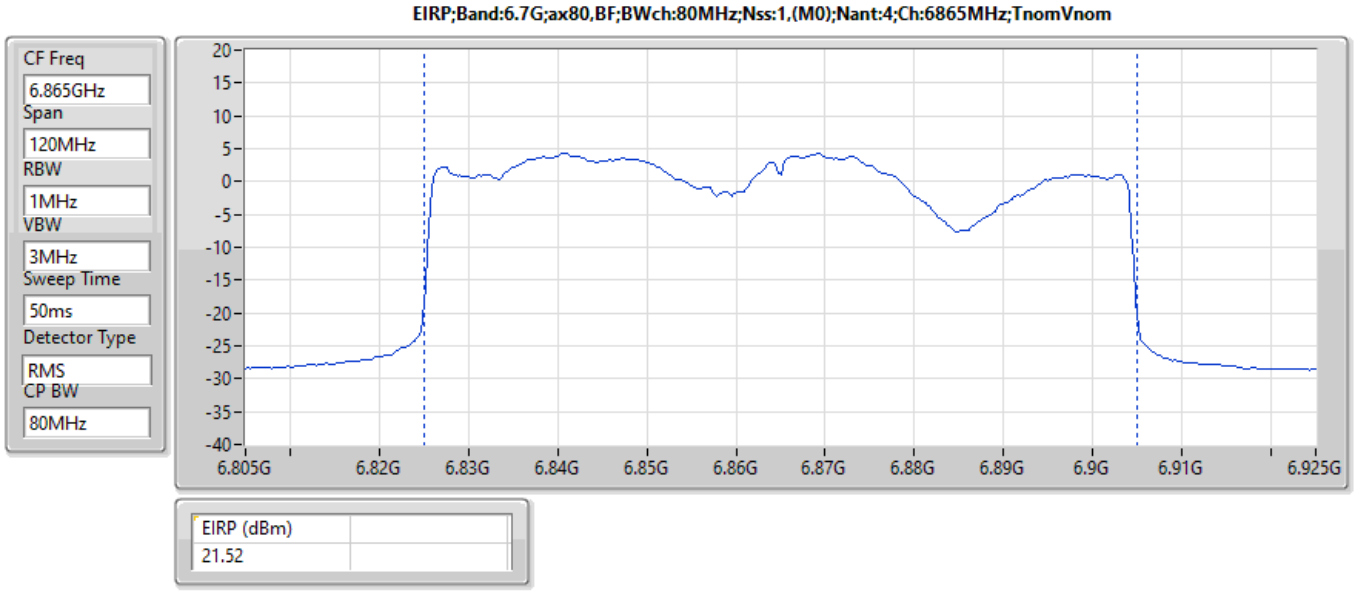
EIRP (dBm)
21.75

EIRP;Band:6.7G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6705MHz;TnomVnom

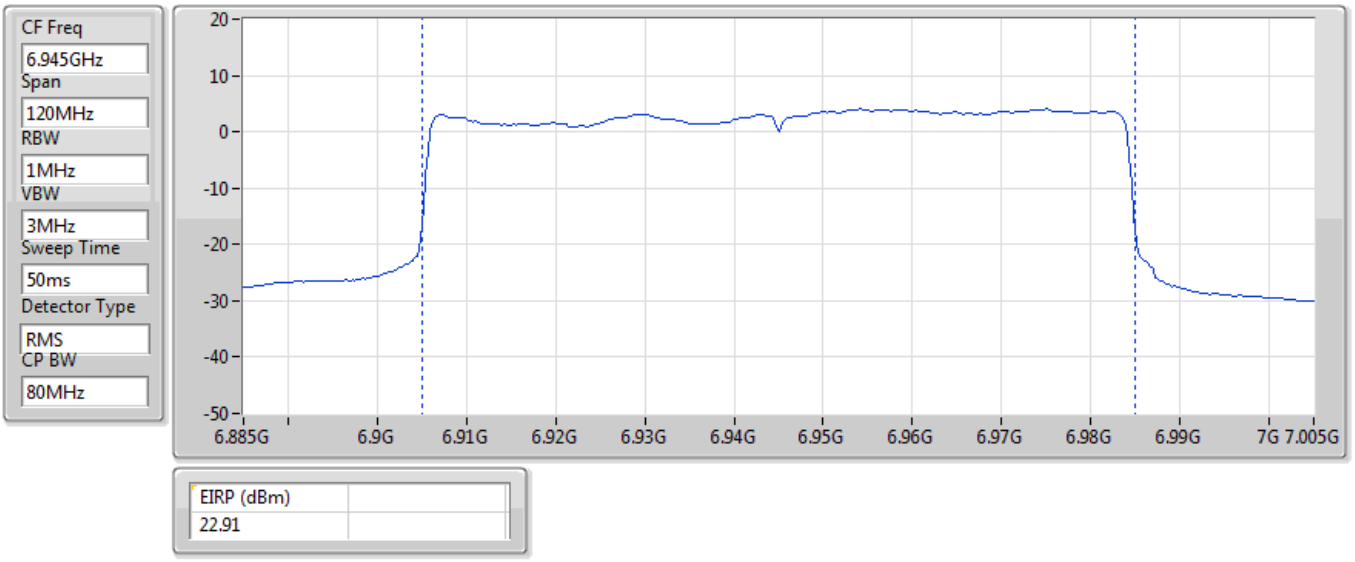


EIRP (dBm)
21.85


EIRP;Band:6.7G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6785MHz;TnomVnom
CF Freq
6.785GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
10
0
-10
-20
-30
-40
-50
6.725G
6.74G
6.75G
6.76G
6.77G
6.78G
6.79G
6.8G
6.81G
6.82G
6.83G
6.845G
EIRP (dBm)
21.29

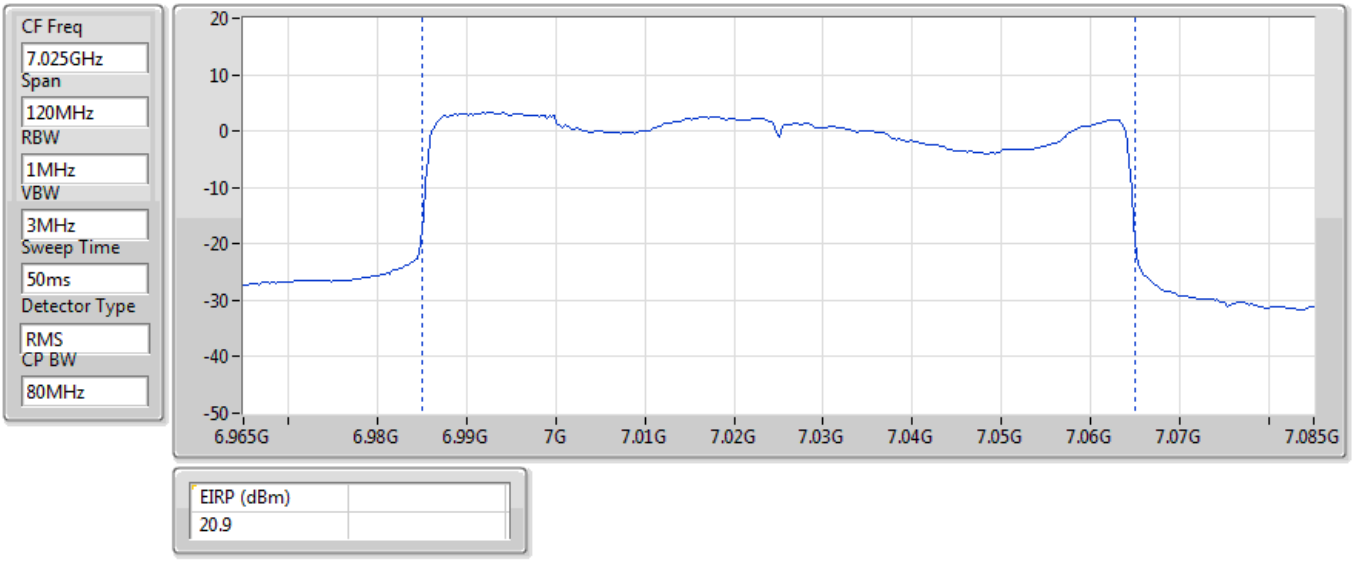

EIRP;Band:6.7G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6865MHz;TnomVnom
CF Freq
6.865GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.805G
6.82G
6.83G
6.84G
6.85G
6.86G
6.87G
6.88G
6.89G
6.9G
6.91G
6.925G
EIRP (dBm)
21.52

EIRP;Band:7.0G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6945MHz;TnomVnom



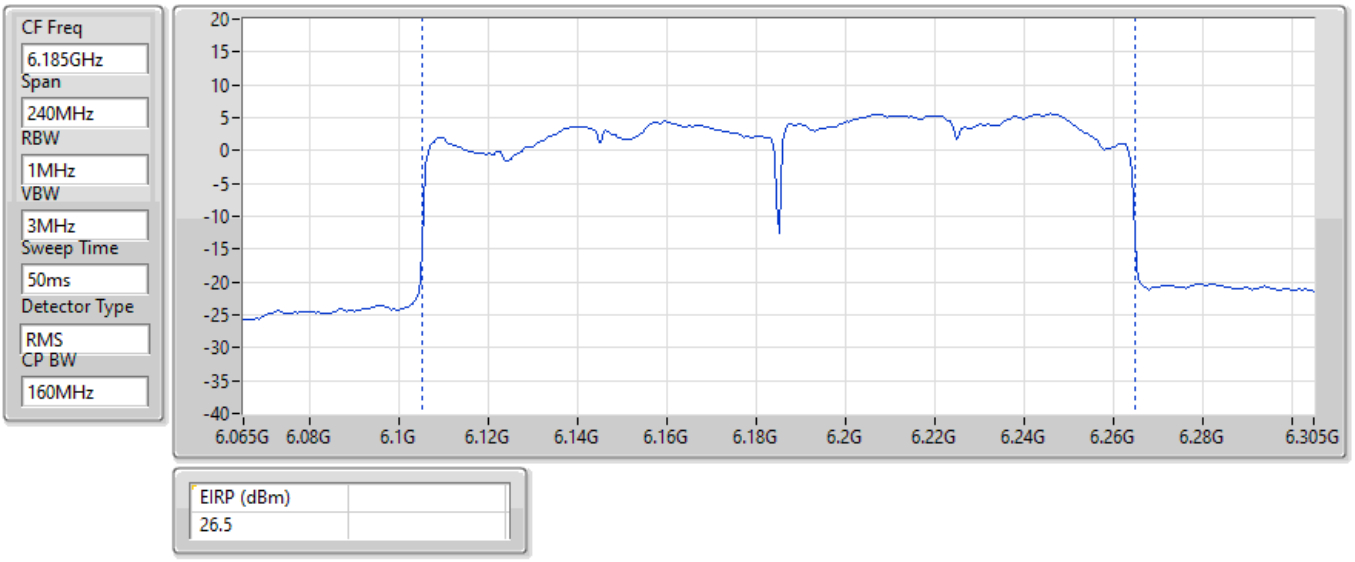
EIRP (dBm)
22.91

EIRP;Band:7.0G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:7025MHz;TnomVnom

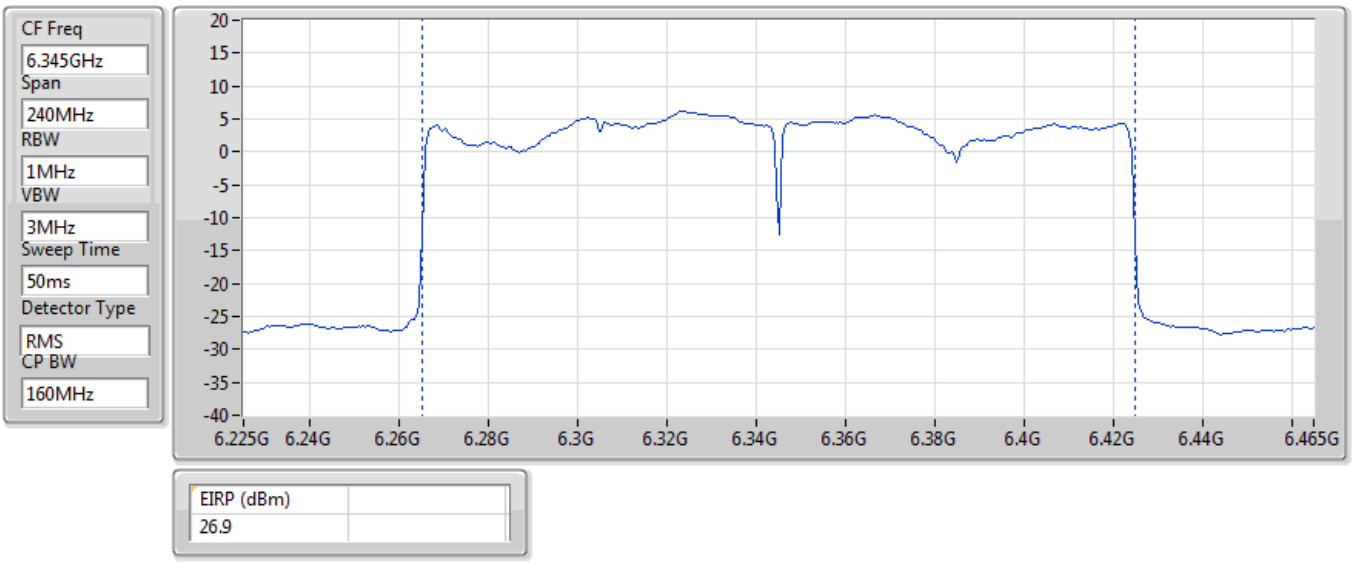


EIRP (dBm)
20.9

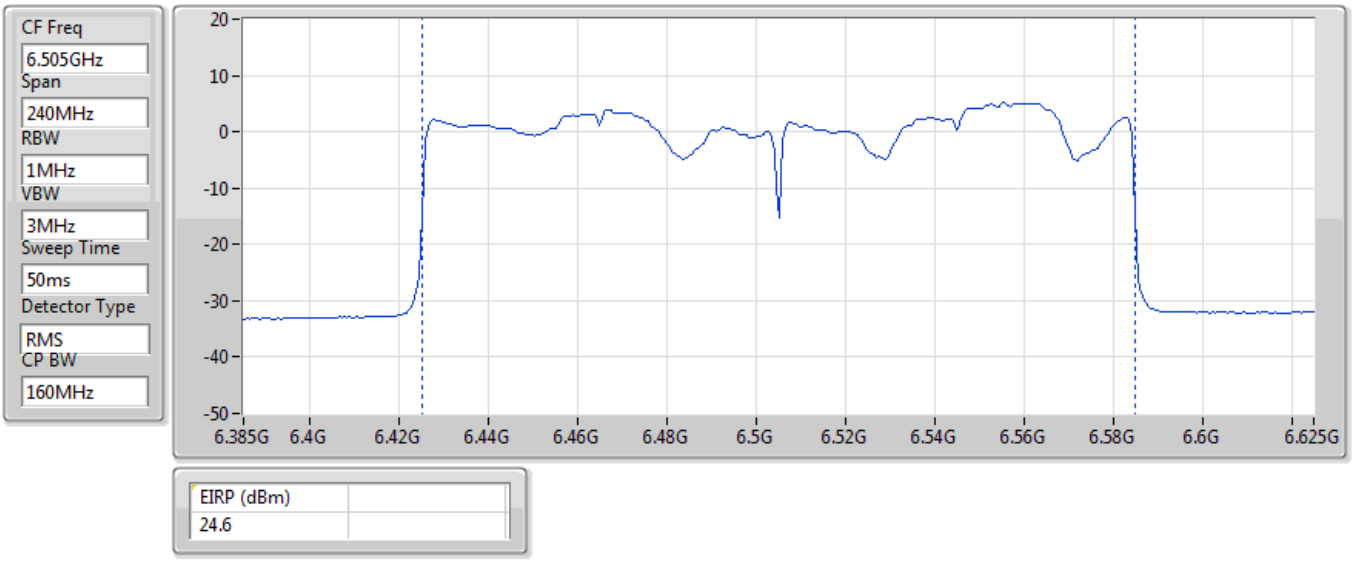
EIRP;Band:6.2G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6185MHz;TnomVnom



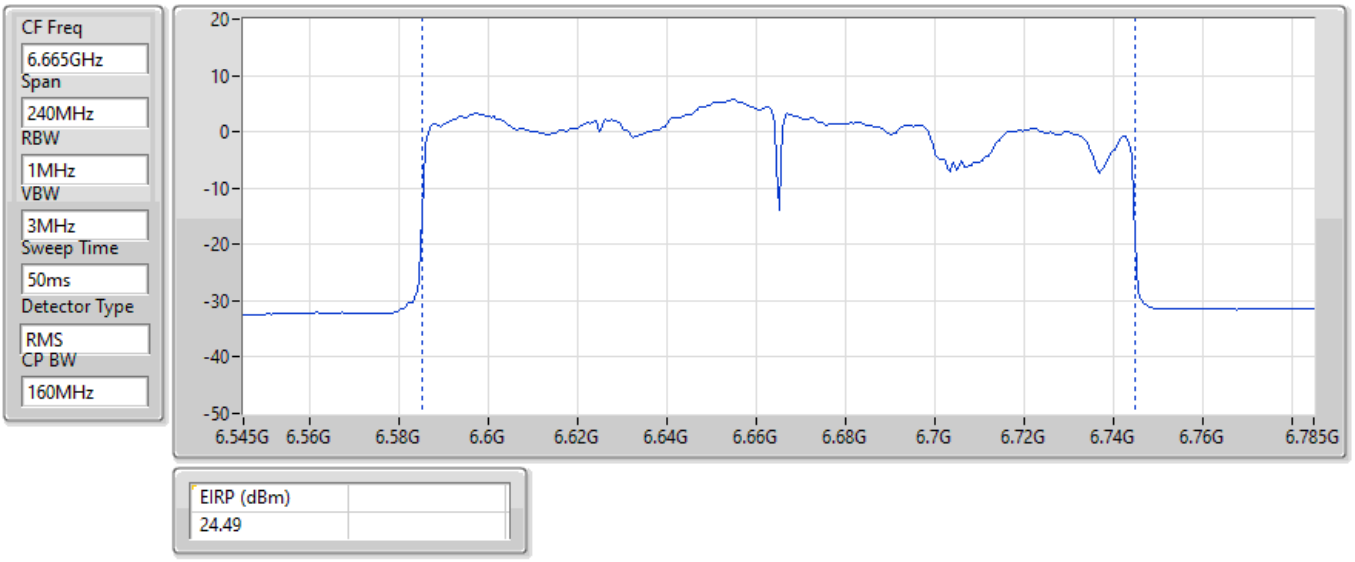
EIRP;Band:6.2G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6345MHz;TnomVnom



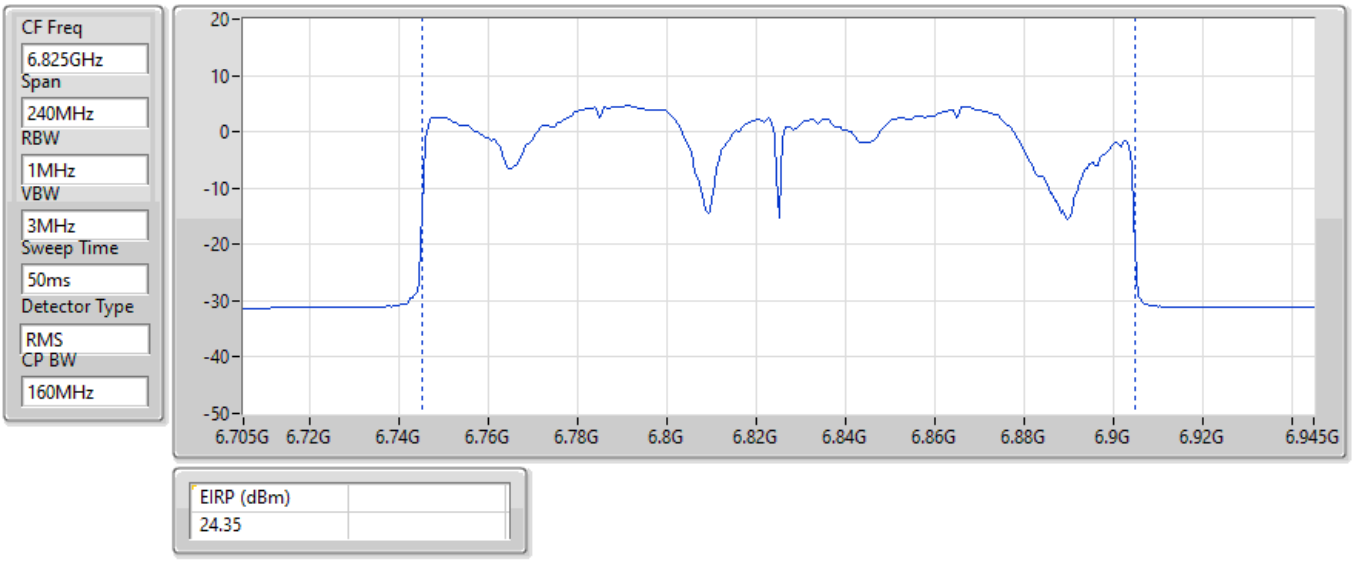
EIRP;Band:6.4G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6505MHz;TnomVnom



EIRP;Band:6.7G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6665MHz;TnomVnom

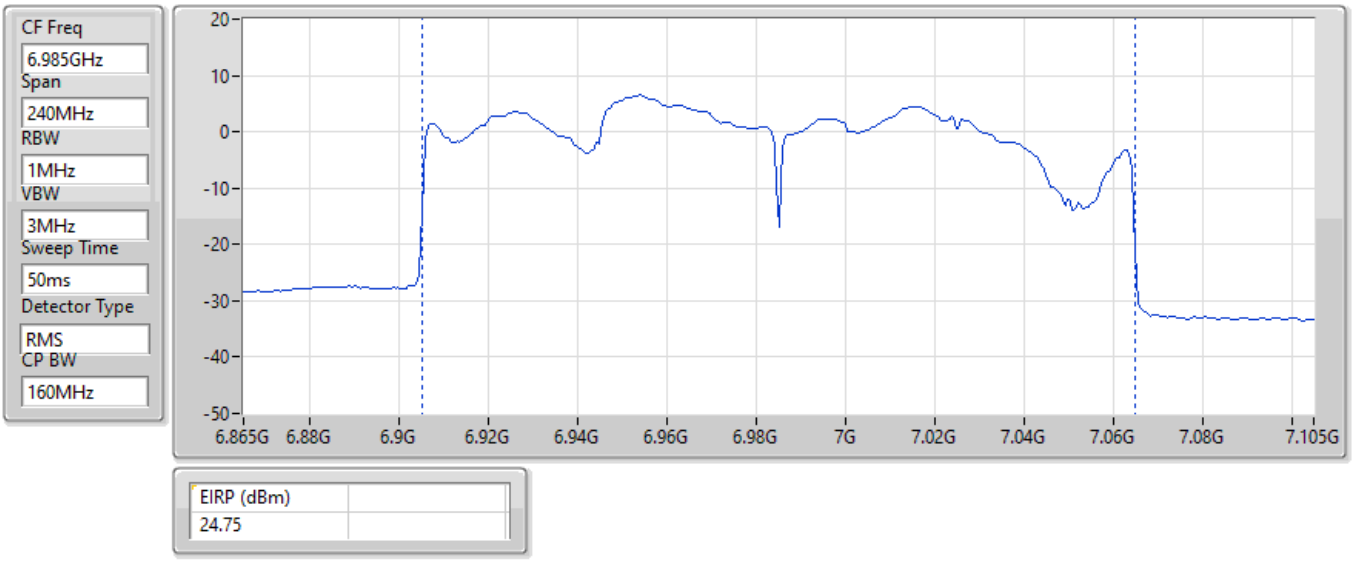


EIRP;Band:6.7G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6825MHz;TnomVnom



EIRP (dBm)
24.35

EIRP;Band:7.0G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6985MHz;TnomVnom



EIRP (dBm)
24.75

Summary

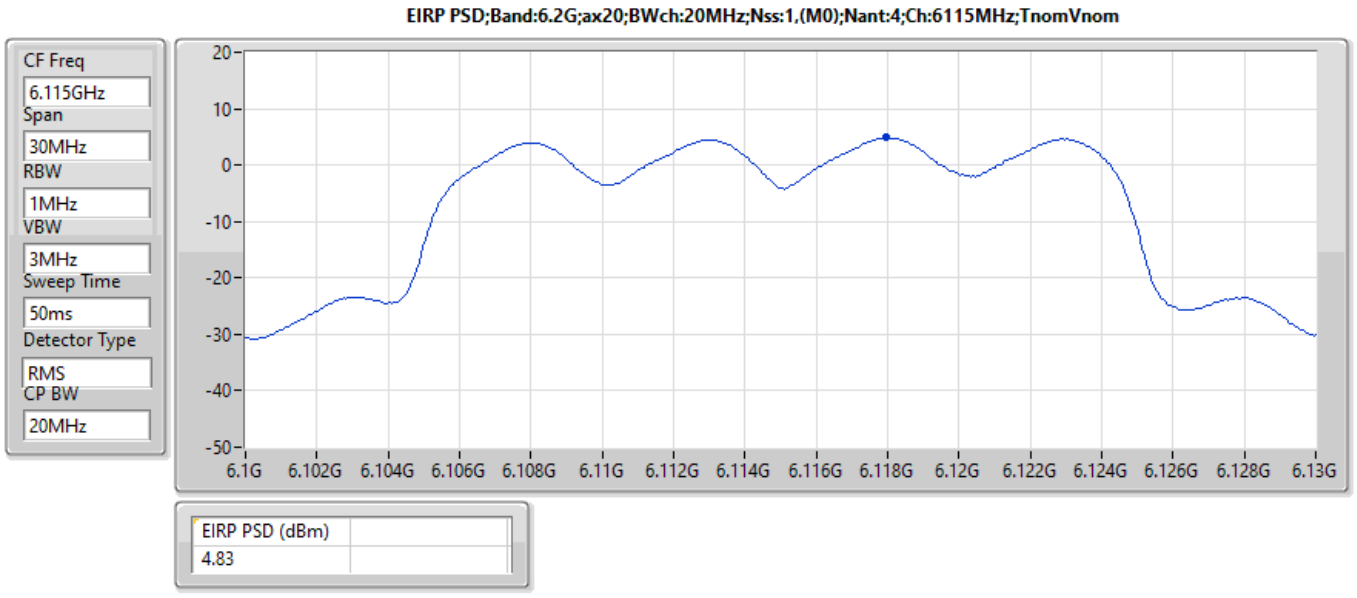
Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	4.97
802.11ax HEW40_Nss1,(MCS0)_4TX	4.98
802.11ax HEW80_Nss1,(MCS0)_4TX	4.96
802.11ax HEW160_Nss1,(MCS0)_4TX	4.96
6.425-6.525GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	4.96
802.11ax HEW40_Nss1,(MCS0)_4TX	4.87
802.11ax HEW80_Nss1,(MCS0)_4TX	4.93
802.11ax HEW160_Nss1,(MCS0)_4TX	4.87
6.525-6.875GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	4.97
802.11ax HEW40_Nss1,(MCS0)_4TX	4.90
802.11ax HEW80_Nss1,(MCS0)_4TX	4.99
802.11ax HEW160_Nss1,(MCS0)_4TX	4.97
6.875-7.125GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	4.99
802.11ax HEW40_Nss1,(MCS0)_4TX	4.98
802.11ax HEW80_Nss1,(MCS0)_4TX	4.98
802.11ax HEW160_Nss1,(MCS0)_4TX	4.93

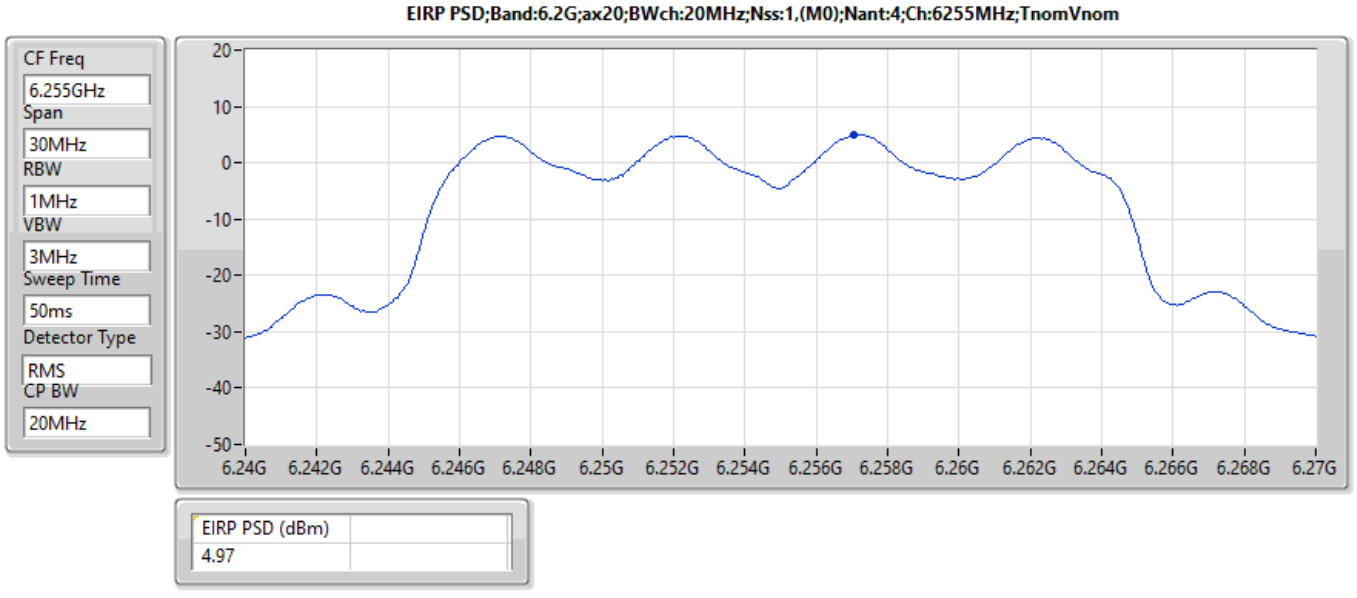
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

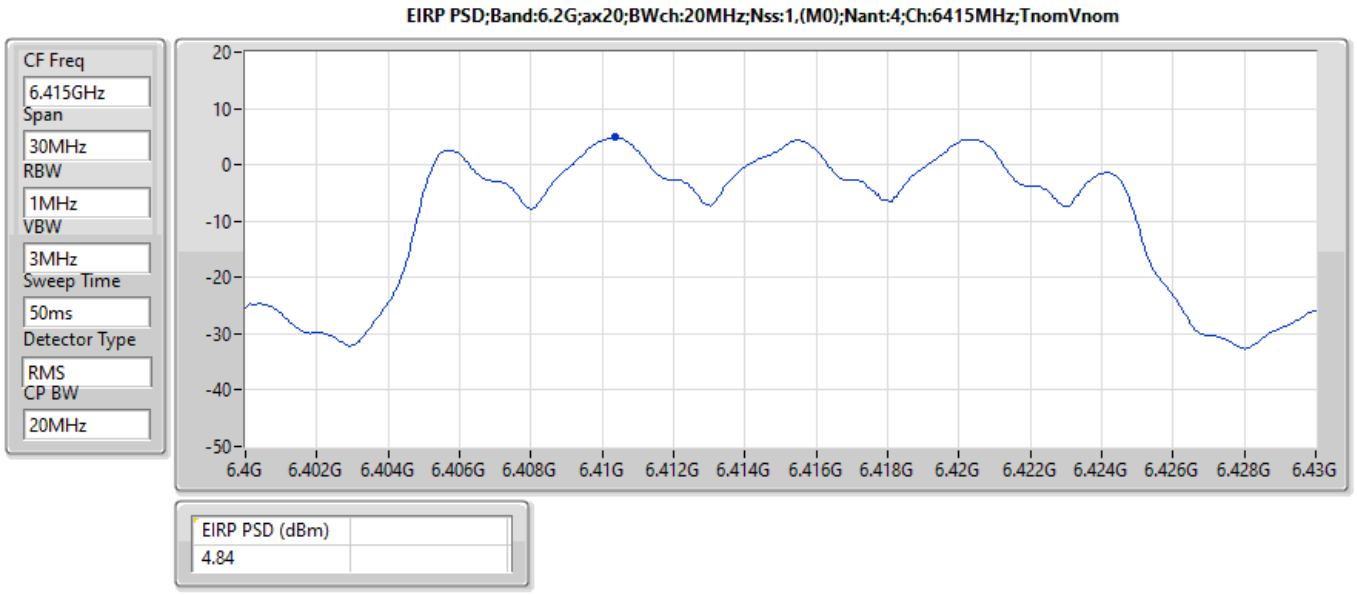
Result

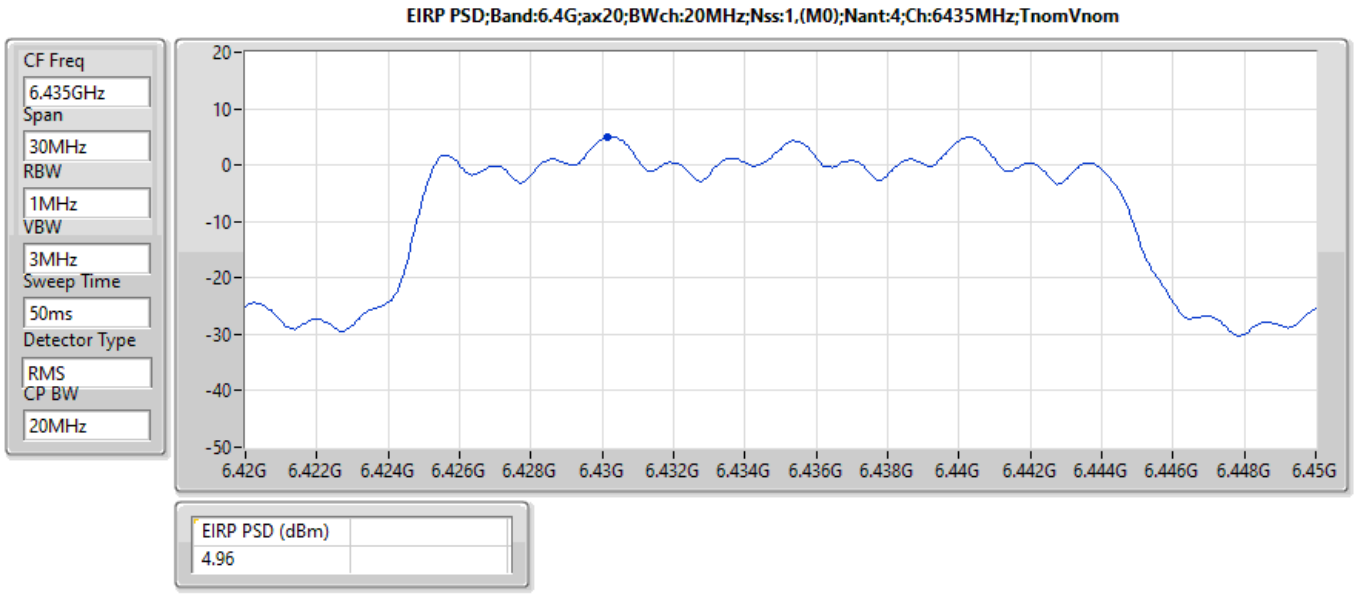
Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-
6115MHz	Pass	4.83	5.00
6255MHz	Pass	4.97	5.00
6415MHz	Pass	4.84	5.00
6435MHz	Pass	4.96	5.00
6475MHz	Pass	4.93	5.00
6515MHz	Pass	4.86	5.00
6535MHz	Pass	4.75	5.00
6695MHz	Pass	4.97	5.00
6855MHz	Pass	4.74	5.00
6875MHz Straddle 6.525-6.875GHz	Pass	4.89	5.00
6895MHz	Pass	4.72	5.00
6995MHz	Pass	4.99	5.00
7095MHz	Pass	4.84	5.00
7115MHz	Pass	-0.89	5.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-
6125MHz	Pass	4.96	5.00
6245MHz	Pass	4.84	5.00
6405MHz	Pass	4.98	5.00
6445MHz	Pass	4.78	5.00
6485MHz	Pass	4.87	5.00
6525MHz Straddle 6.425-6.525GHz	Pass	4.87	5.00
6565MHz	Pass	4.84	5.00
6685MHz	Pass	4.87	5.00
6845MHz	Pass	4.90	5.00
6885MHz Straddle 6.525-6.875GHz	Pass	4.84	5.00
6925MHz	Pass	4.94	5.00
7005MHz	Pass	4.98	5.00
7085MHz	Pass	4.88	5.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-
6145MHz	Pass	4.96	5.00
6225MHz	Pass	4.84	5.00
6385MHz	Pass	4.91	5.00
6465MHz	Pass	4.90	5.00
6545MHz Straddle 6.425-6.525GHz	Pass	4.93	5.00
6625MHz	Pass	4.92	5.00
6705MHz	Pass	4.99	5.00
6785MHz	Pass	4.98	5.00
6865MHz Straddle 6.525-6.875GHz	Pass	4.96	5.00
6945MHz	Pass	4.97	5.00
7025MHz	Pass	4.98	5.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-
6185MHz	Pass	4.96	5.00
6345MHz	Pass	4.86	5.00
6505MHz Straddle 6.425-6.525GHz	Pass	4.87	5.00
6665MHz	Pass	4.97	5.00
6825MHz Straddle 6.525-6.875GHz	Pass	4.89	5.00
6985MHz	Pass	4.93	5.00

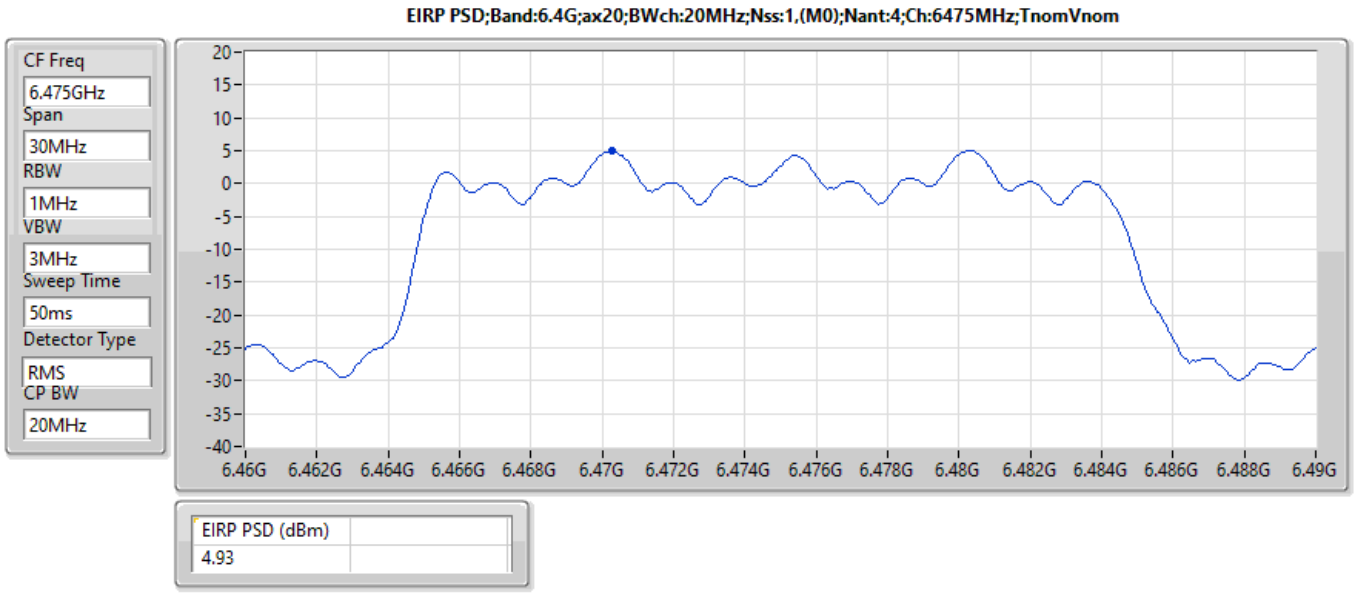
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

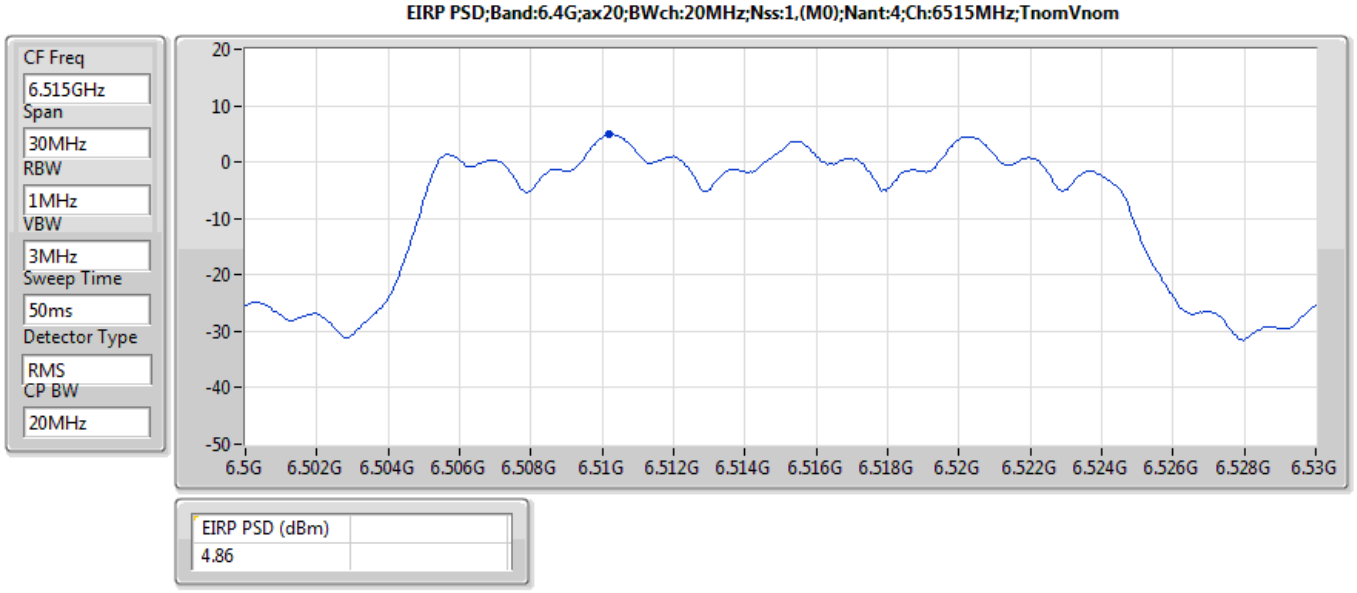

EIRP PSD;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6115MHz;TnomVnom
CF Freq
6.115GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
10
0
-10
-20
-30
-40
-50
6.1G 6.102G 6.104G 6.106G 6.108G 6.11G 6.112G 6.114G 6.116G 6.118G 6.12G 6.122G 6.124G 6.126G 6.128G 6.13G
EIRP PSD (dBm)
4.83


EIRP PSD;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6255MHz;TnomVnom
CF Freq
6.255GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
10
0
-10
-20
-30
-40
-50
6.24G 6.242G 6.244G 6.246G 6.248G 6.25G 6.252G 6.254G 6.256G 6.258G 6.26G 6.262G 6.264G 6.266G 6.268G 6.27G
EIRP PSD (dBm)
4.97

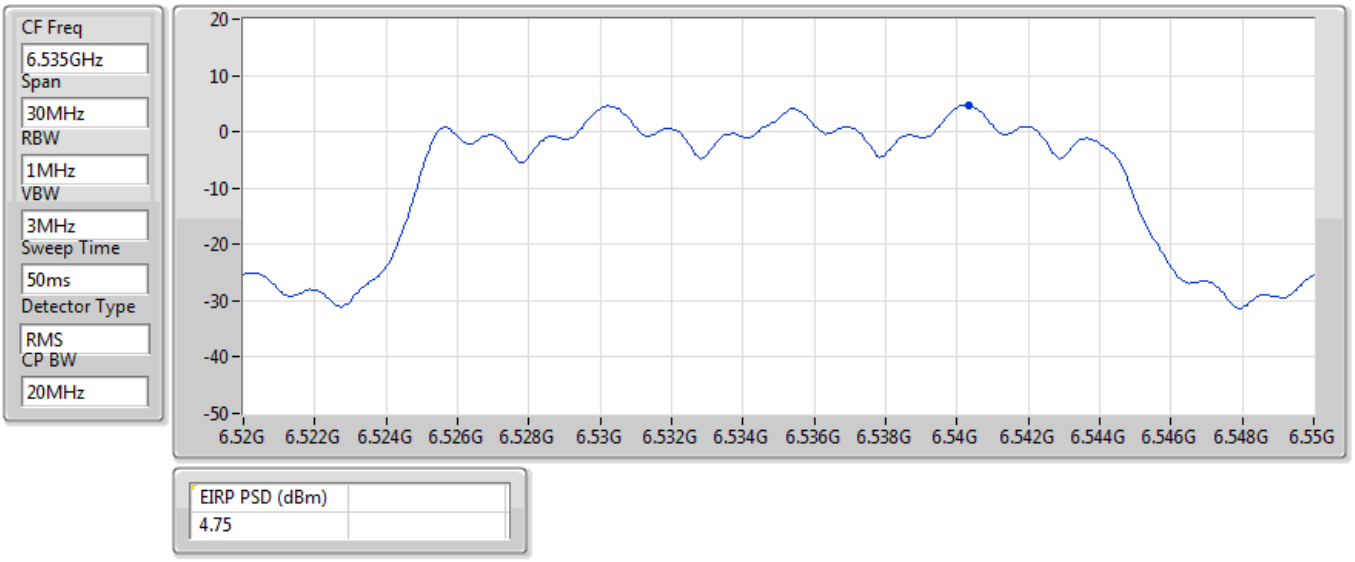

EIRP PSD;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6415MHz;TnomVnom
CF Freq
6.415GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
10
0
-10
-20
-30
-40
-50
6.4G
6.402G
6.404G
6.406G
6.408G
6.41G
6.412G
6.414G
6.416G
6.418G
6.42G
6.422G
6.424G
6.426G
6.428G
6.43G
EIRP PSD (dBm)
4.84


EIRP PSD;Band:6.4G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6435MHz;TnomVnom
CF Freq
6.435GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
10
0
-10
-20
-30
-40
-50
6.42G
6.422G
6.424G
6.426G
6.428G
6.43G
6.432G
6.434G
6.436G
6.438G
6.44G
6.442G
6.444G
6.446G
6.448G
6.45G
EIRP PSD (dBm)
4.96


EIRP PSD;Band:6.4G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6475MHz;TnomVnom
CF Freq
6.475GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.46G 6.462G 6.464G 6.466G 6.468G 6.47G 6.472G 6.474G 6.476G 6.478G 6.48G 6.482G 6.484G 6.486G 6.488G 6.49G
EIRP PSD (dBm)
4.93

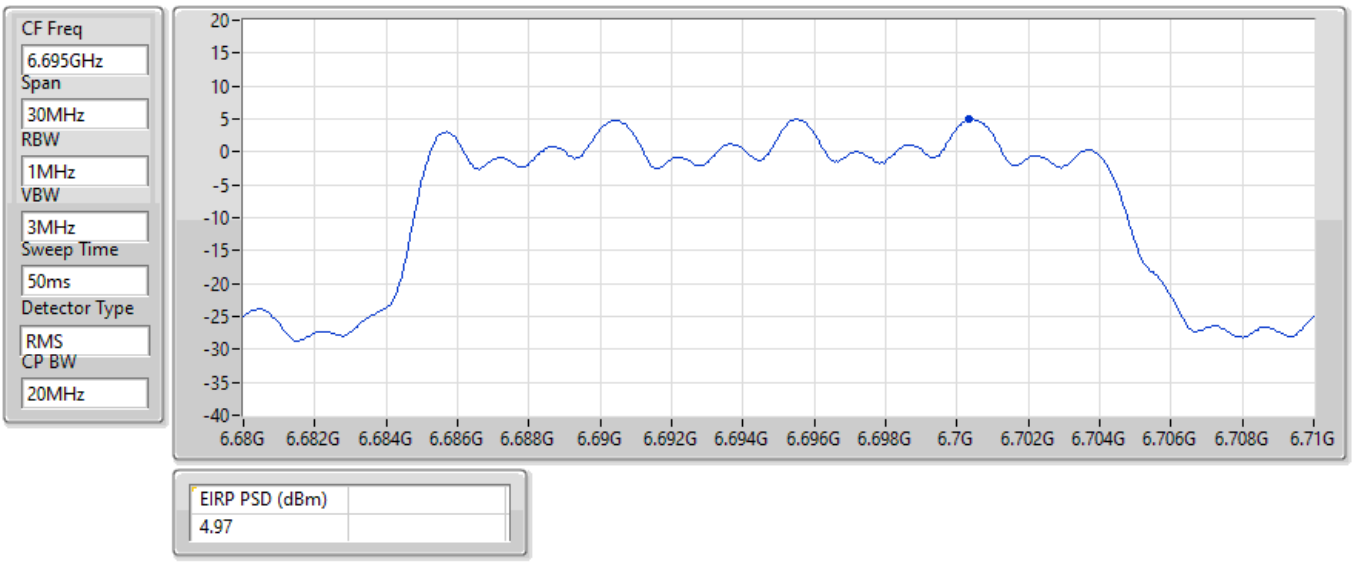

EIRP PSD;Band:6.4G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6515MHz;TnomVnom
CF Freq
6.515GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
10
0
-10
-20
-30
-40
-50
6.5G 6.502G 6.504G 6.506G 6.508G 6.51G 6.512G 6.514G 6.516G 6.518G 6.52G 6.522G 6.524G 6.526G 6.528G 6.53G
EIRP PSD (dBm)
4.86

EIRP PSD;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6535MHz;TnomVnom

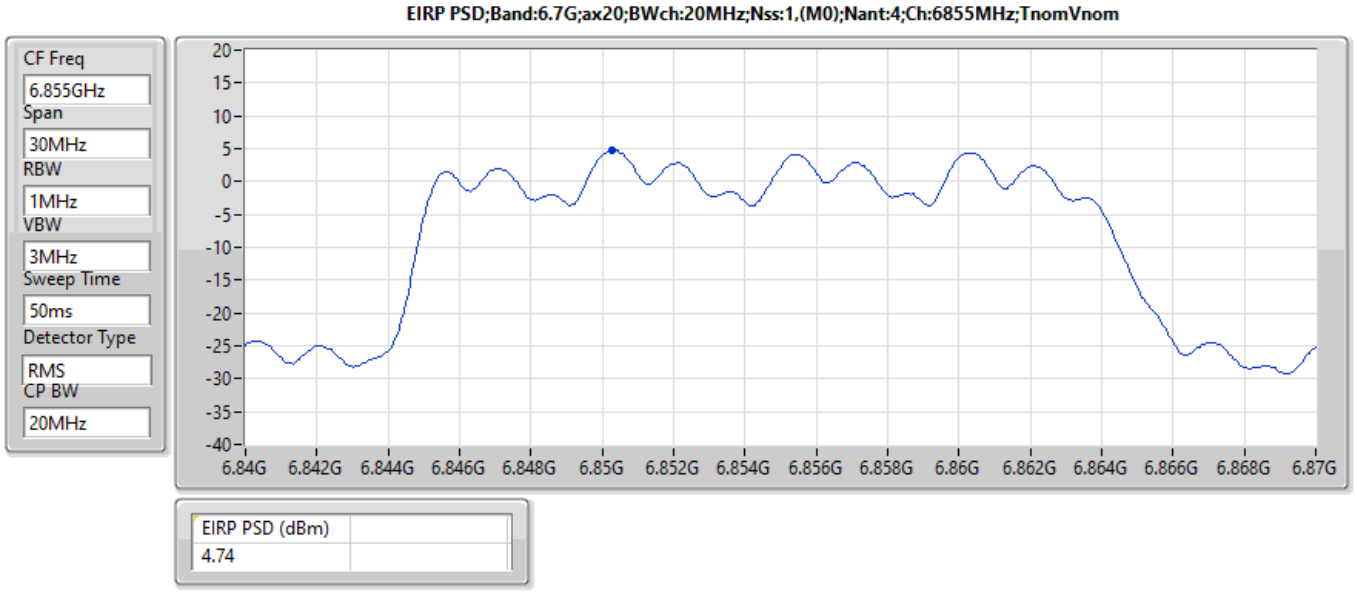


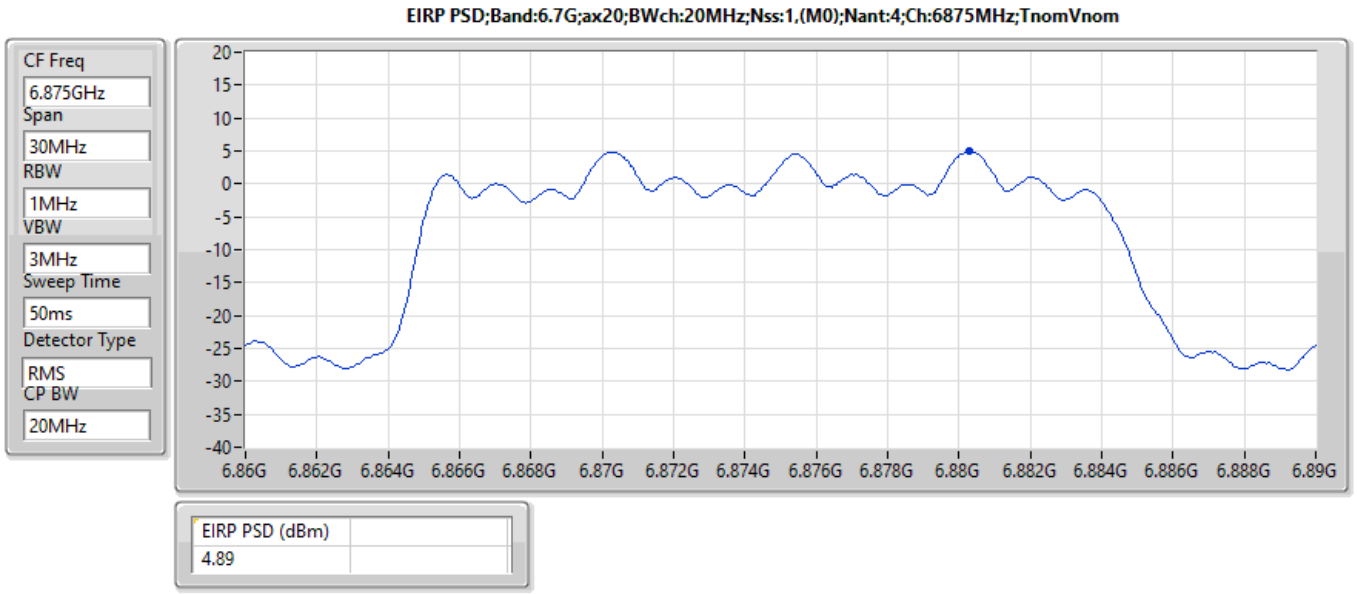
EIRP PSD (dBm)
4.75

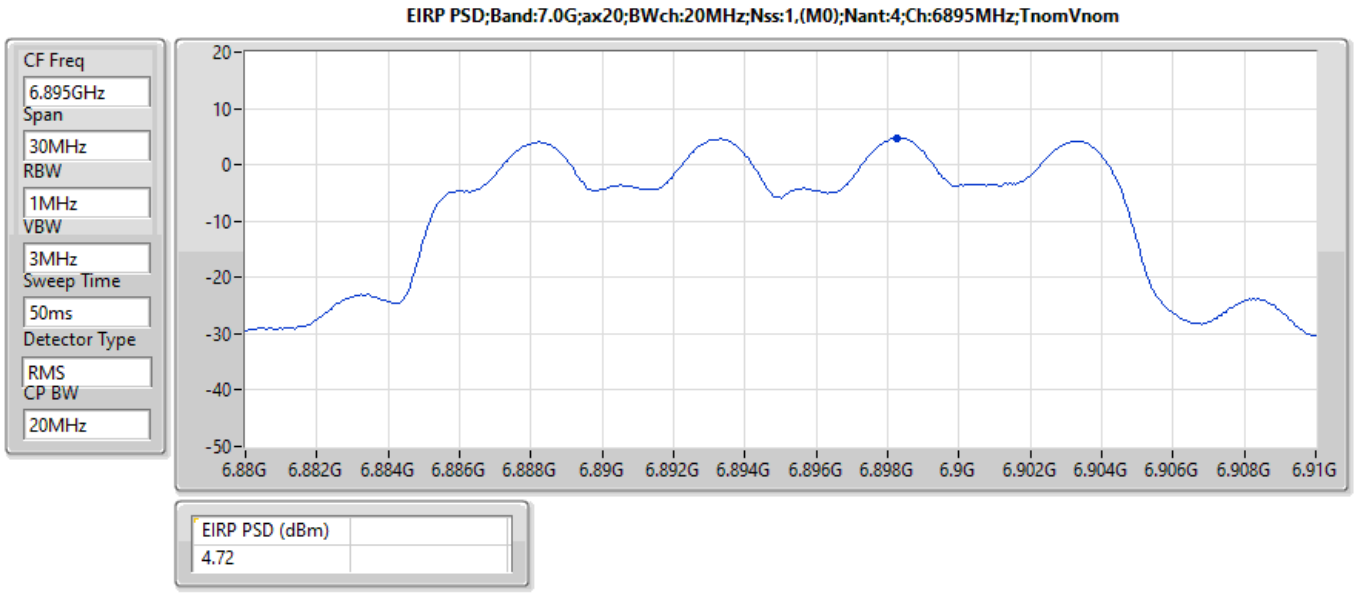
EIRP PSD;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6695MHz;TnomVnom

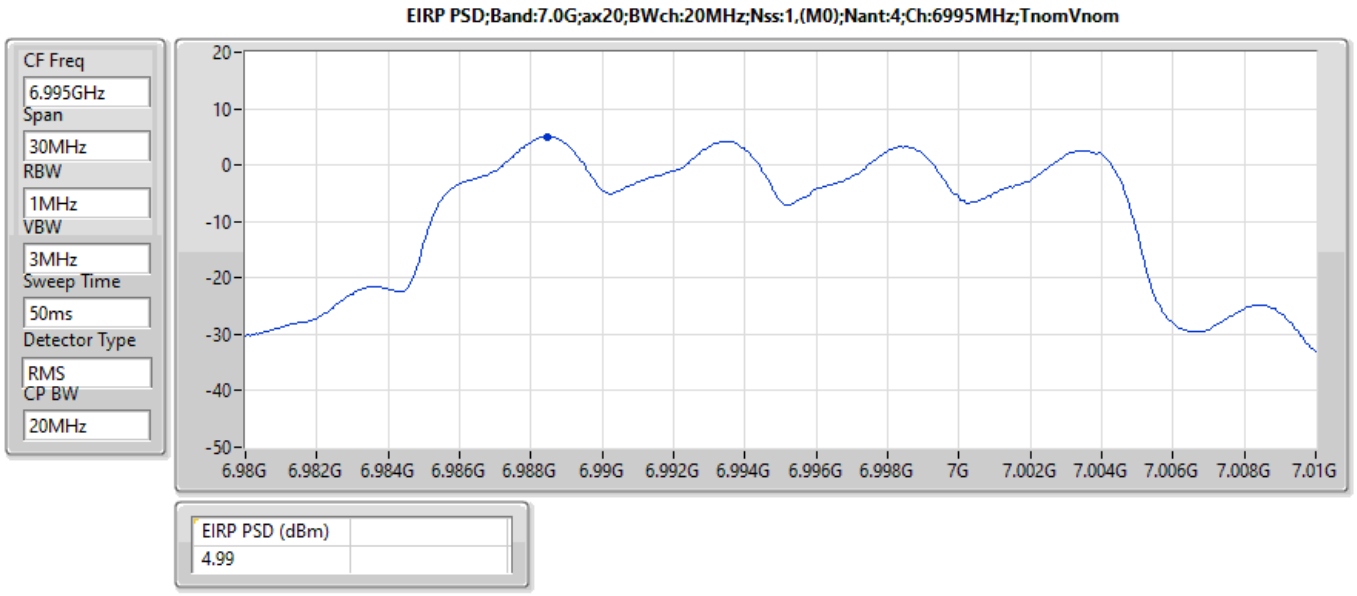


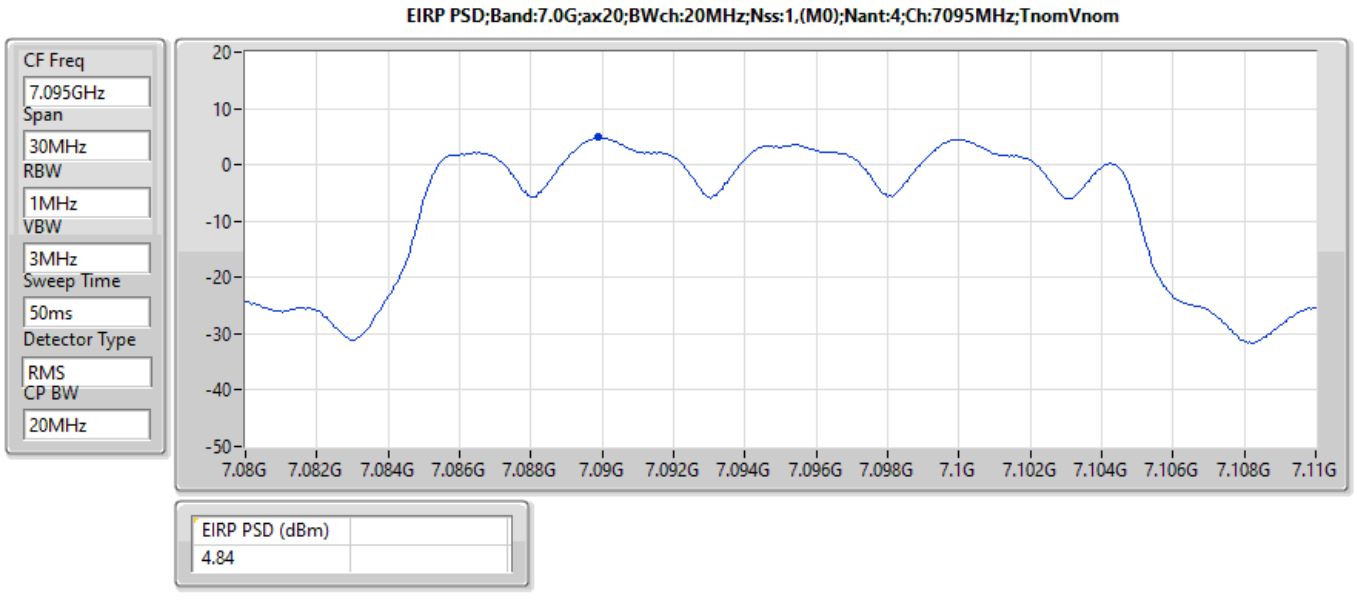
EIRP PSD (dBm)
4.97

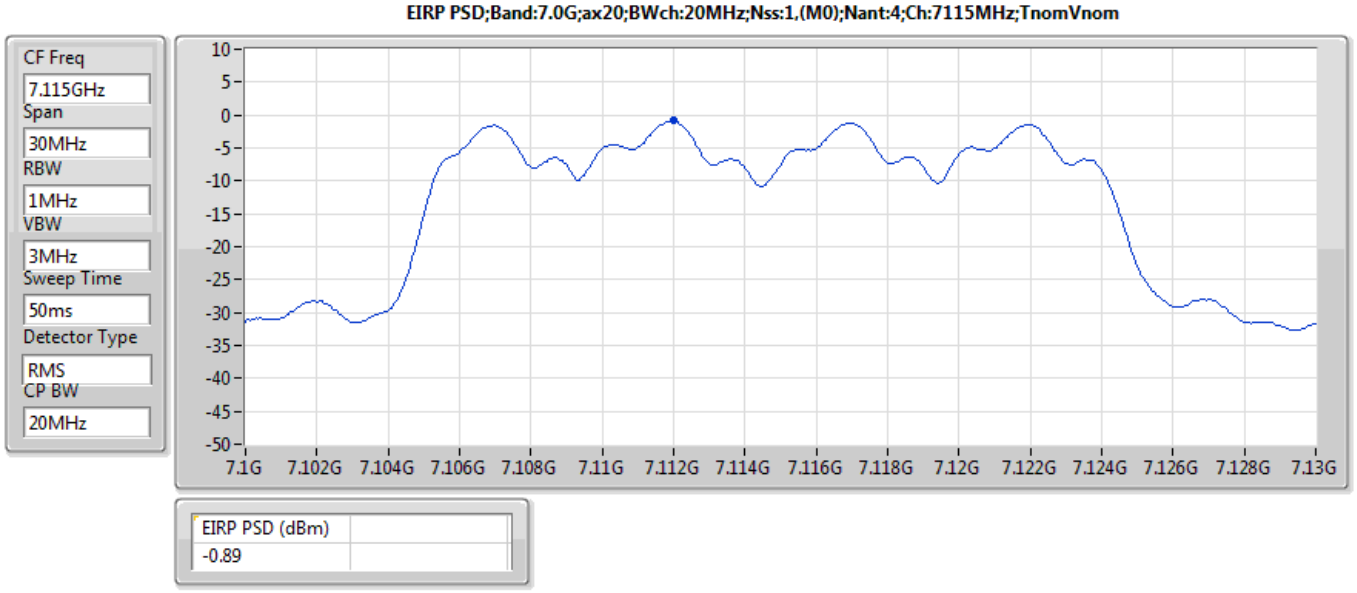

EIRP PSD;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6855MHz;TnomVnom
CF Freq
6.855GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.84G 6.842G 6.844G 6.846G 6.848G 6.85G 6.852G 6.854G 6.856G 6.858G 6.86G 6.862G 6.864G 6.866G 6.868G 6.87G
EIRP PSD (dBm)
4.74

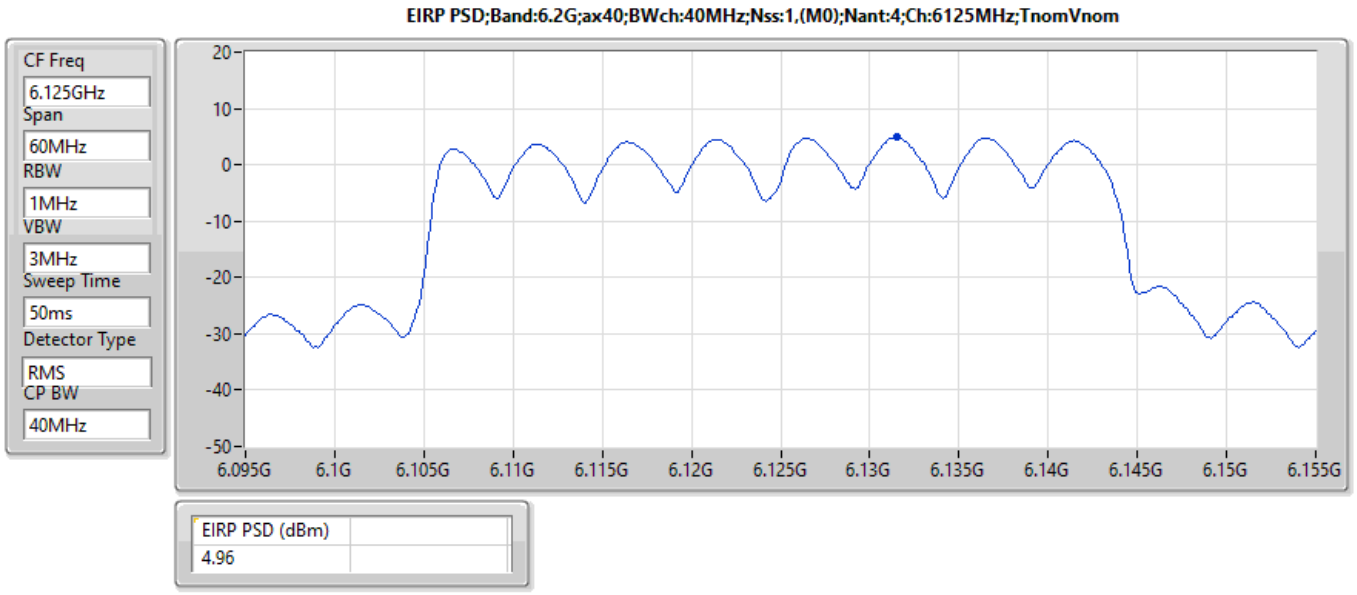

EIRP PSD;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6875MHz;TnomVnom
CF Freq
6.875GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.86G 6.862G 6.864G 6.866G 6.868G 6.87G 6.872G 6.874G 6.876G 6.878G 6.88G 6.882G 6.884G 6.886G 6.888G 6.89G
EIRP PSD (dBm)
4.89

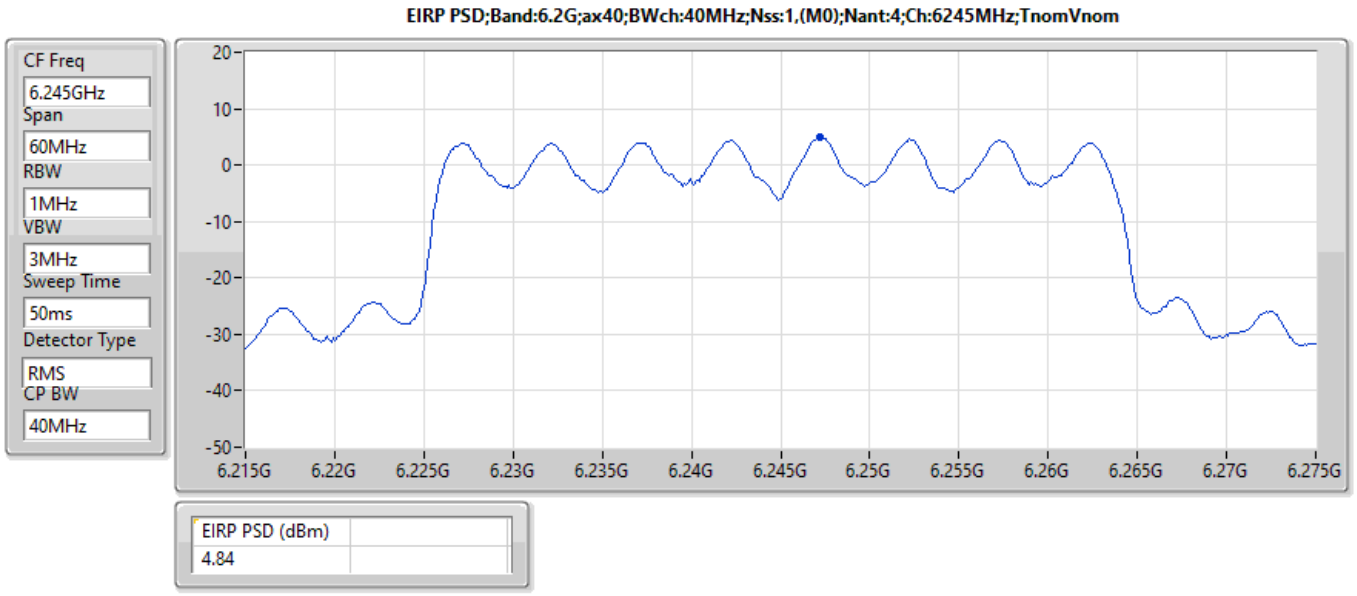

EIRP PSD;Band:7.0G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6895MHz;TnomVnom
CF Freq
6.895GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
10
0
-10
-20
-30
-40
-50
6.88G 6.882G 6.884G 6.886G 6.888G 6.89G 6.892G 6.894G 6.896G 6.898G 6.9G 6.902G 6.904G 6.906G 6.908G 6.91G
EIRP PSD (dBm)
4.72

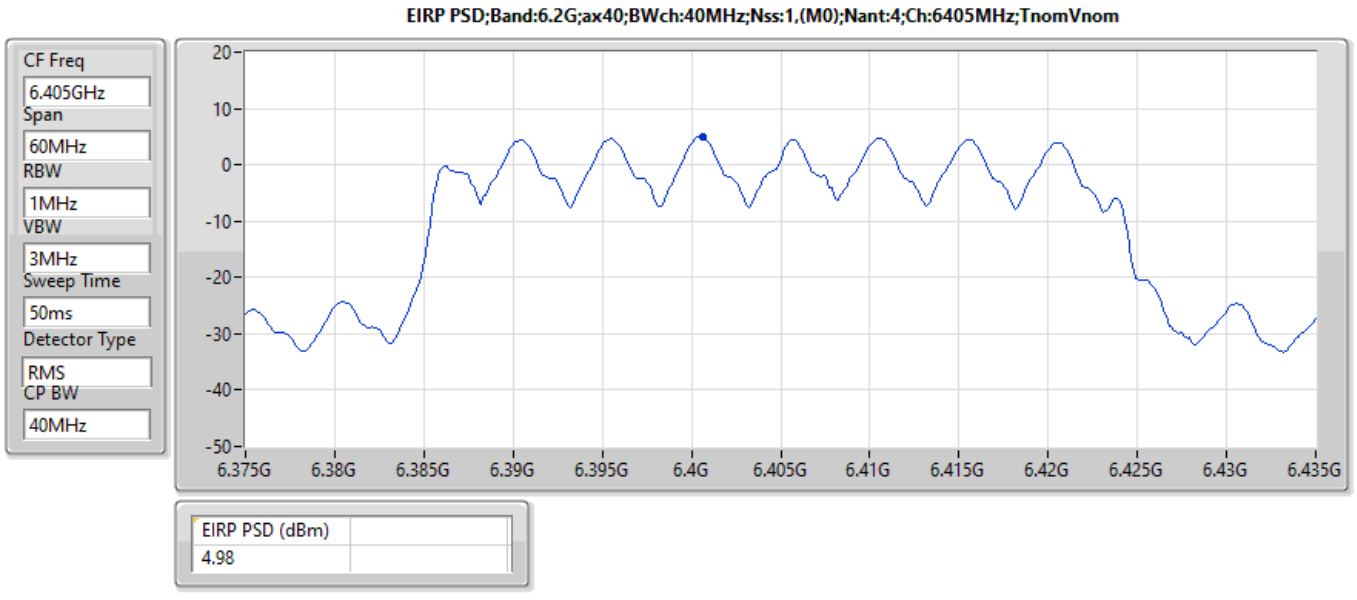

EIRP PSD;Band:7.0G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6995MHz;TnomVnom
CF Freq
6.995GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
10
0
-10
-20
-30
-40
-50
6.98G 6.982G 6.984G 6.986G 6.988G 6.99G 6.992G 6.994G 6.996G 6.998G 7G 7.002G 7.004G 7.006G 7.008G 7.01G
EIRP PSD (dBm)
4.99

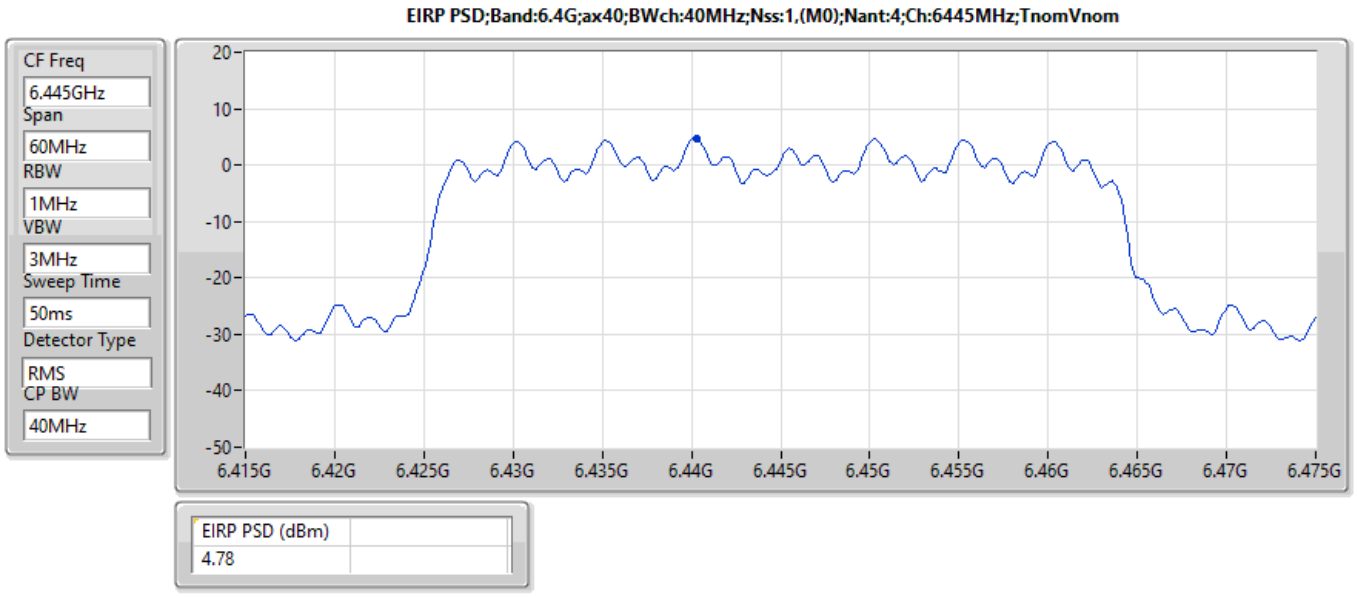

EIRP PSD;Band:7.0G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7095MHz;TnomVnom
CF Freq
7.095GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
10
0
-10
-20
-30
-40
-50
7.08G 7.082G 7.084G 7.086G 7.088G 7.09G 7.092G 7.094G 7.096G 7.098G 7.1G 7.102G 7.104G 7.106G 7.108G 7.11G
EIRP PSD (dBm)
4.84

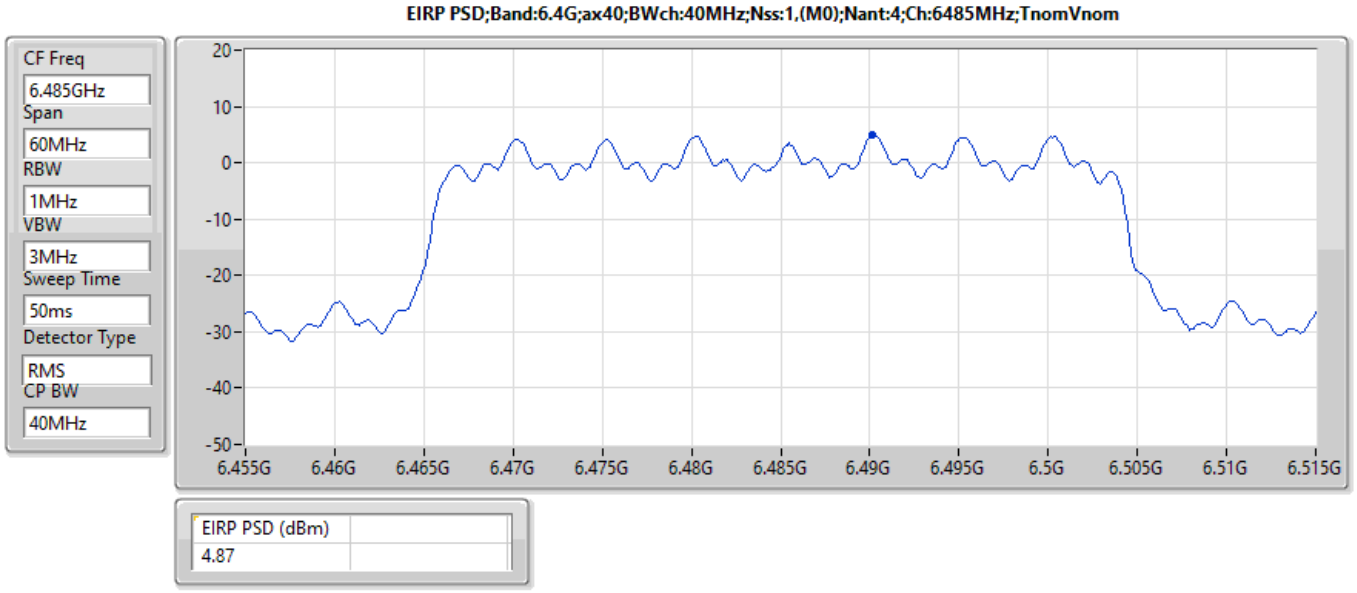

EIRP PSD;Band:7.0G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7115MHz;TnomVnom
CF Freq
7.115GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
7.1G 7.102G 7.104G 7.106G 7.108G 7.11G 7.112G 7.114G 7.116G 7.118G 7.12G 7.122G 7.124G 7.126G 7.128G 7.13G
EIRP PSD (dBm)
-0.89

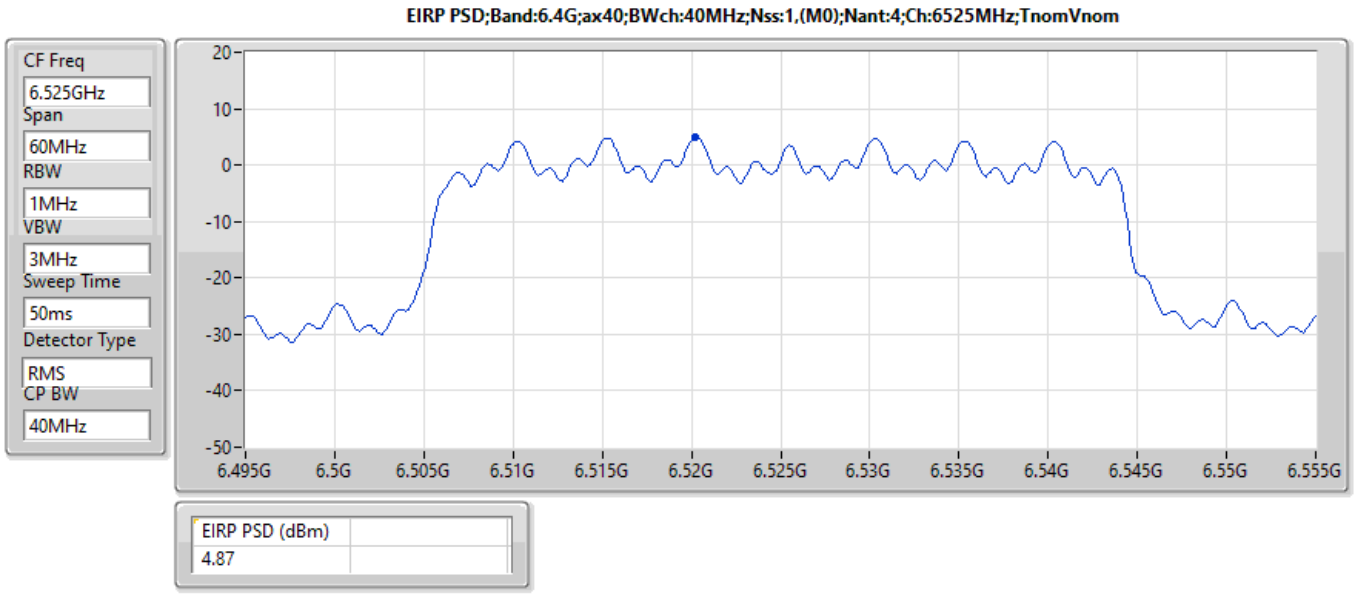

EIRP PSD;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6125MHz;TnomVnom
CF Freq
6.125GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
6.095G
6.1G
6.105G
6.11G
6.115G
6.12G
6.125G
6.13G
6.135G
6.14G
6.145G
6.15G
6.155G
EIRP PSD (dBm)
4.96

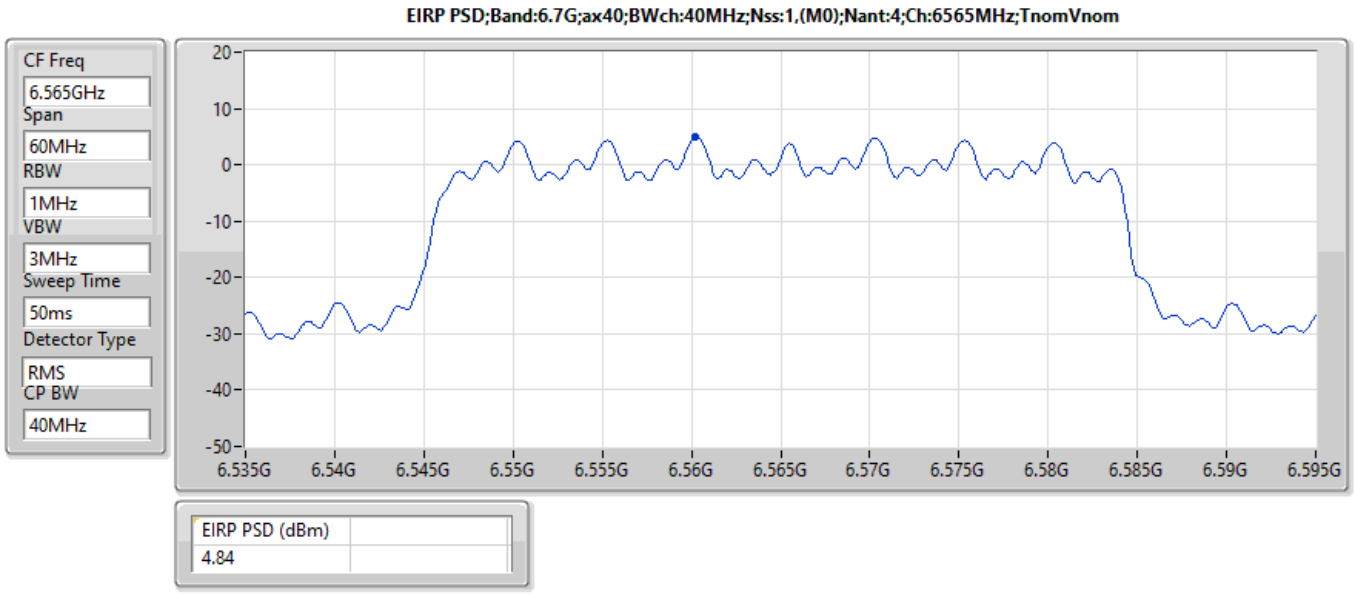

EIRP PSD;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6245MHz;TnomVnom
CF Freq
6.245GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
6.215G
6.22G
6.225G
6.23G
6.235G
6.24G
6.245G
6.25G
6.255G
6.26G
6.265G
6.27G
6.275G
EIRP PSD (dBm)
4.84

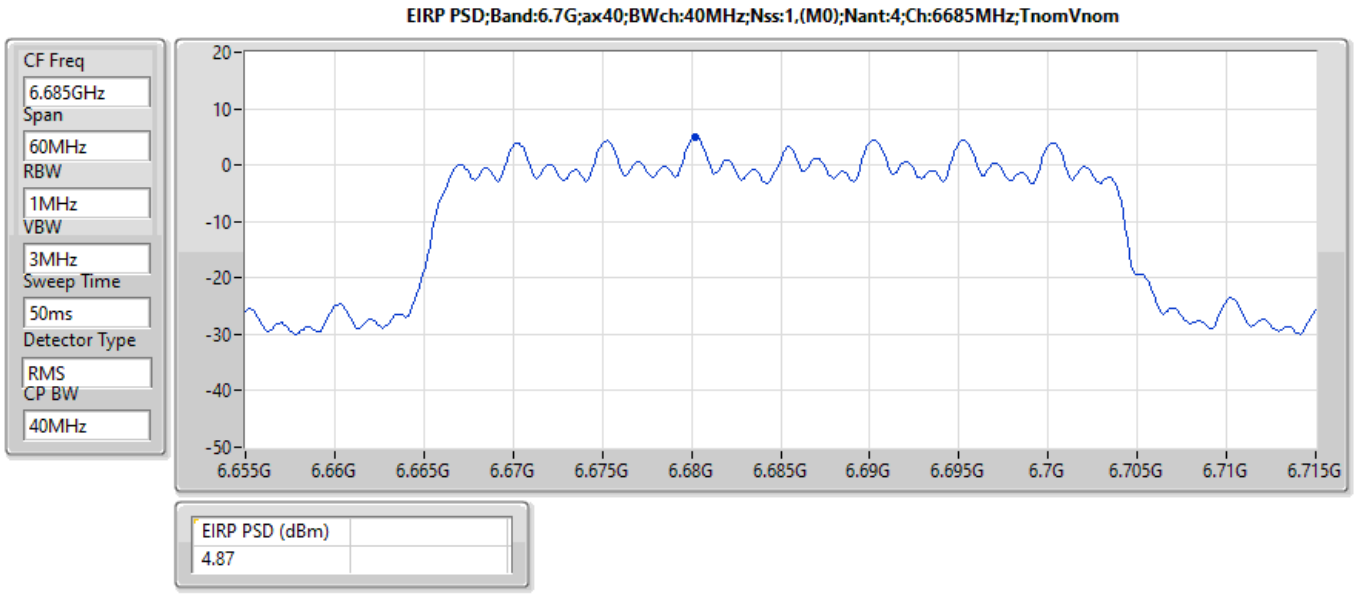

EIRP PSD;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6405MHz;TnomVnom
CF Freq
6.405GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
6.375G
6.38G
6.385G
6.39G
6.395G
6.4G
6.405G
6.41G
6.415G
6.42G
6.425G
6.43G
6.435G
EIRP PSD (dBm)
4.98

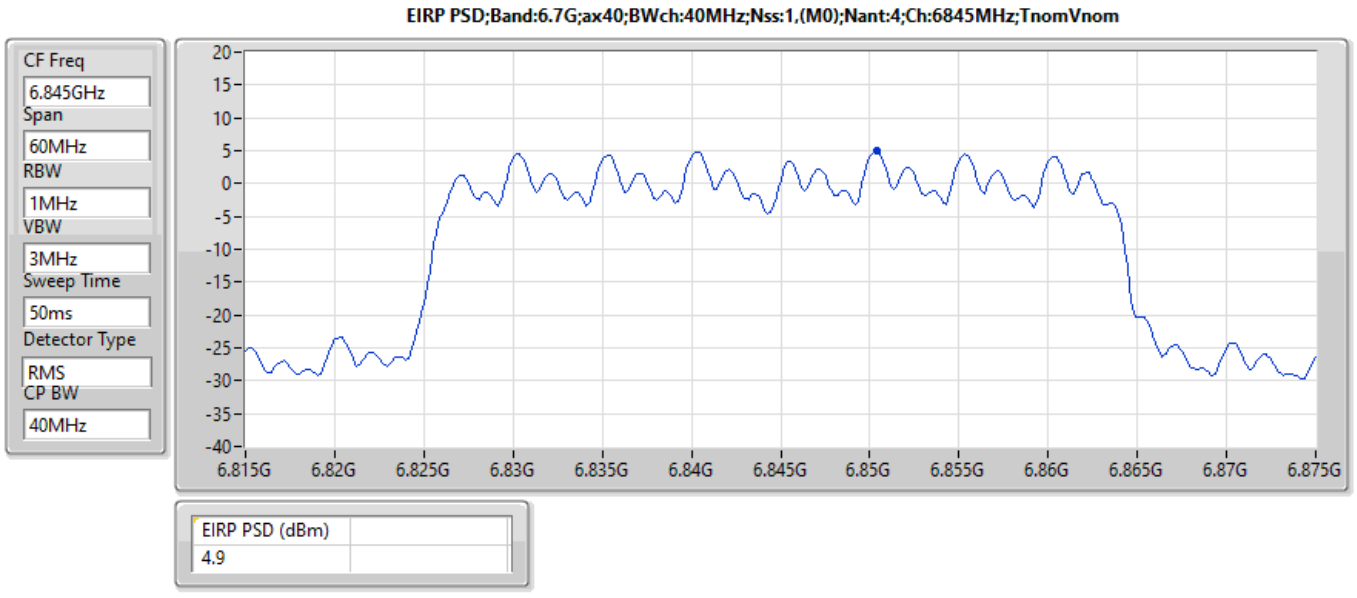

EIRP PSD;Band:6.4G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6445MHz;TnomVnom
CF Freq
6.445GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
6.415G
6.42G
6.425G
6.43G
6.435G
6.44G
6.445G
6.45G
6.455G
6.46G
6.465G
6.47G
6.475G
EIRP PSD (dBm)
4.78

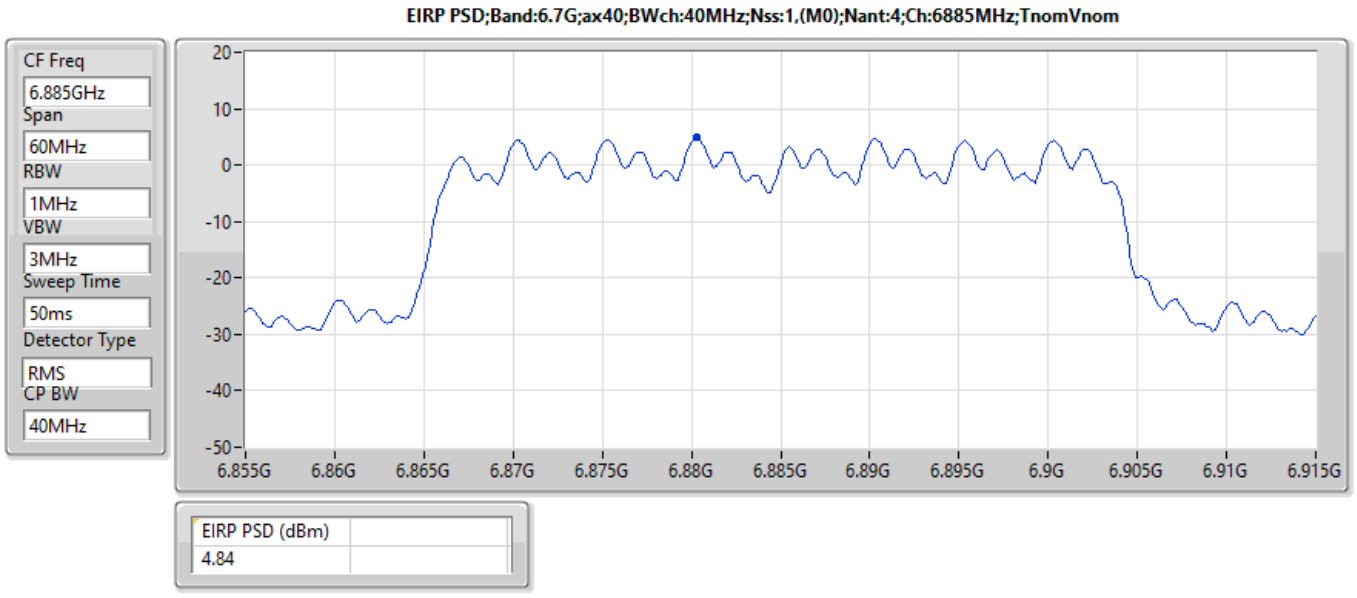

EIRP PSD;Band:6.4G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6485MHz;TnomVnom
CF Freq
6.485GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
6.455G
6.46G
6.465G
6.47G
6.475G
6.48G
6.485G
6.49G
6.495G
6.5G
6.505G
6.51G
6.515G
EIRP PSD (dBm)
4.87

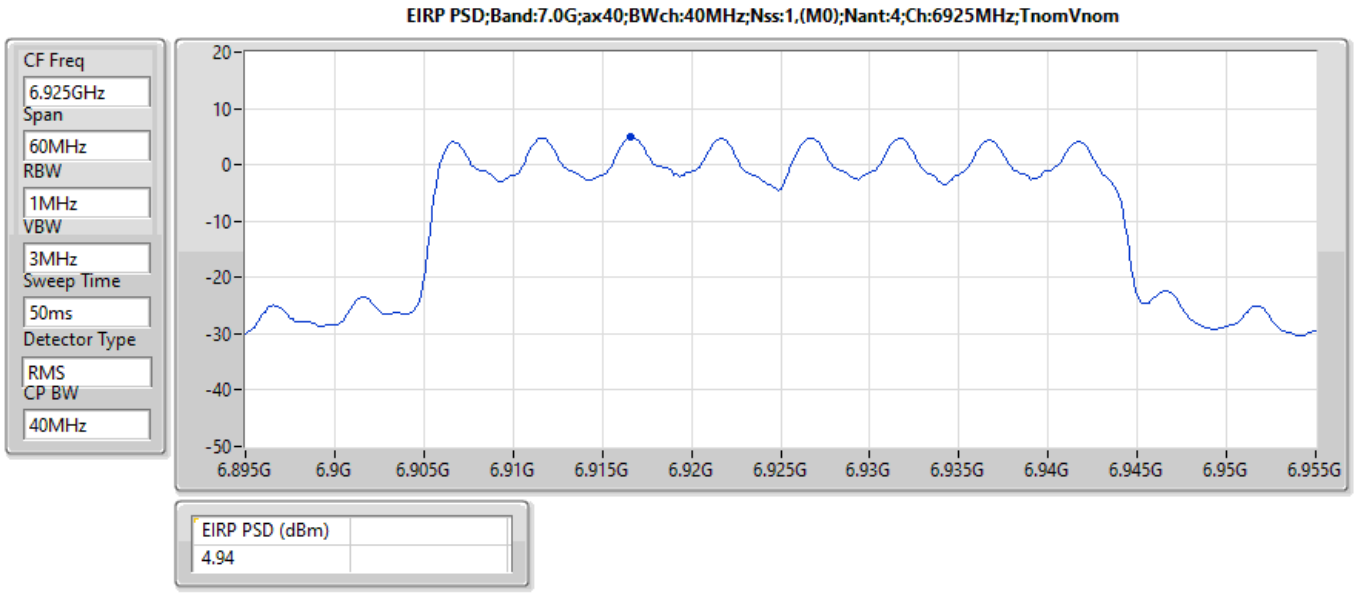

EIRP PSD;Band:6.4G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6525MHz;TnomVnom
CF Freq
6.525GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
6.495G
6.5G
6.505G
6.51G
6.515G
6.52G
6.525G
6.53G
6.535G
6.54G
6.545G
6.55G
6.555G
EIRP PSD (dBm)
4.87

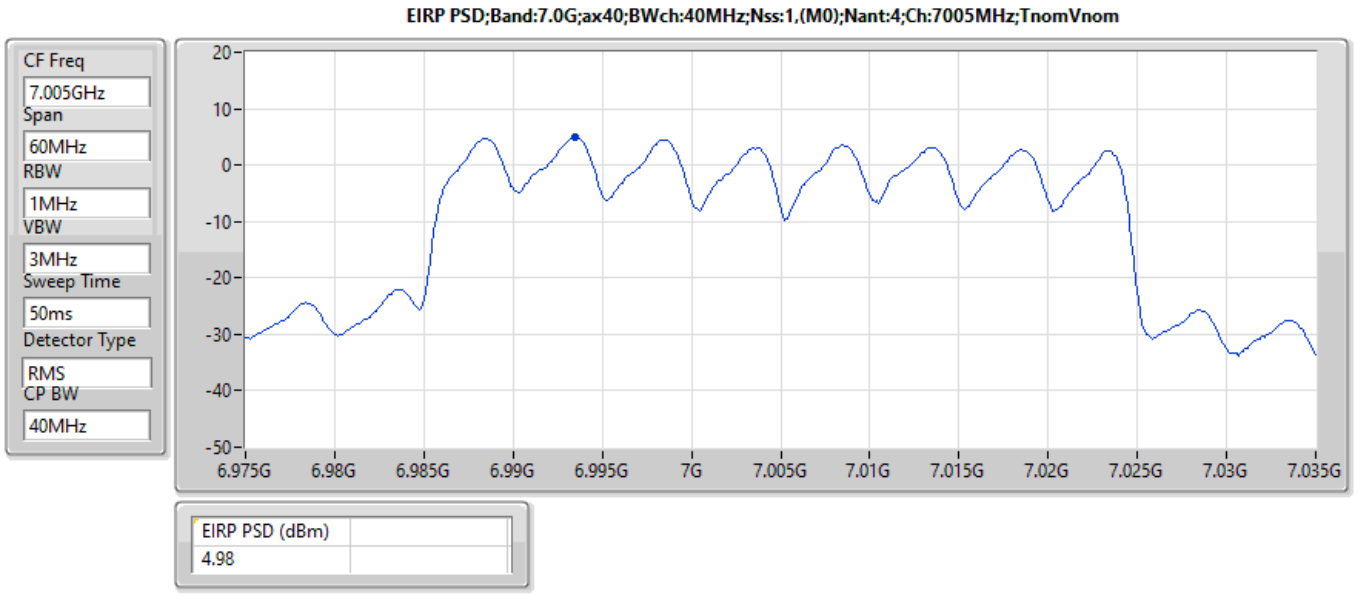

EIRP PSD;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6565MHz;TnomVnom
CF Freq
6.565GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
6.535G
6.54G
6.545G
6.55G
6.555G
6.56G
6.565G
6.57G
6.575G
6.58G
6.585G
6.59G
6.595G
EIRP PSD (dBm)
4.84

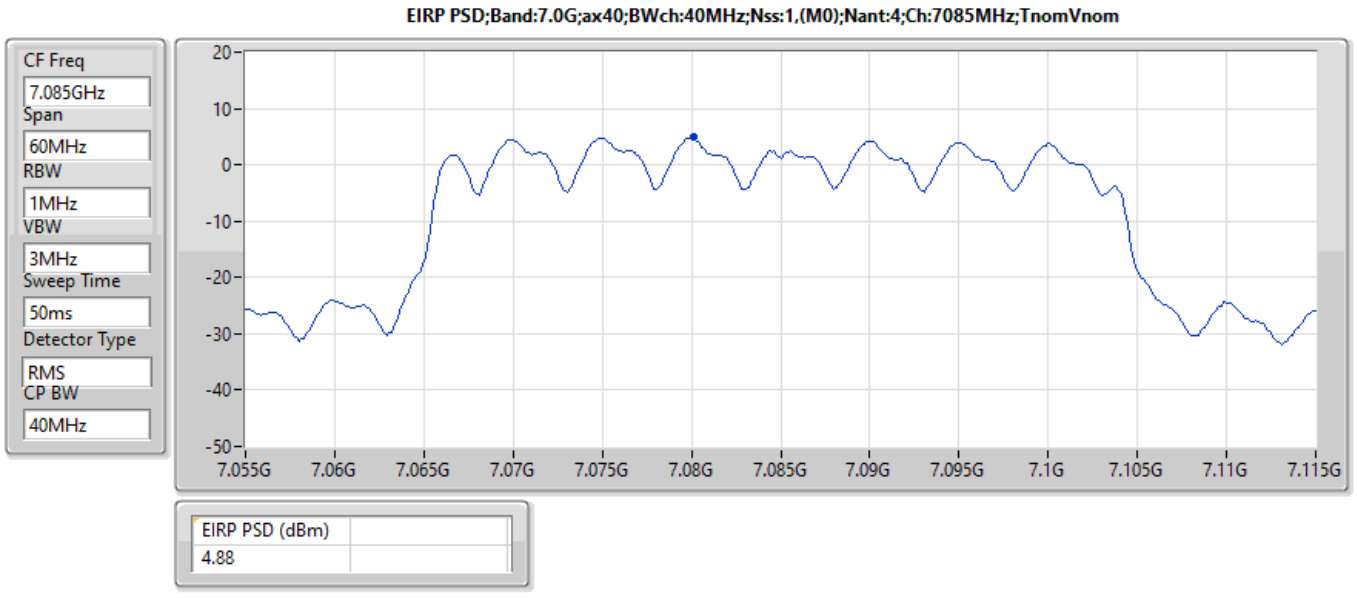

EIRP PSD;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6685MHz;TnomVnom
CF Freq
6.685GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
6.655G
6.66G
6.665G
6.67G
6.675G
6.68G
6.685G
6.69G
6.695G
6.7G
6.705G
6.71G
6.715G
EIRP PSD (dBm)
4.87

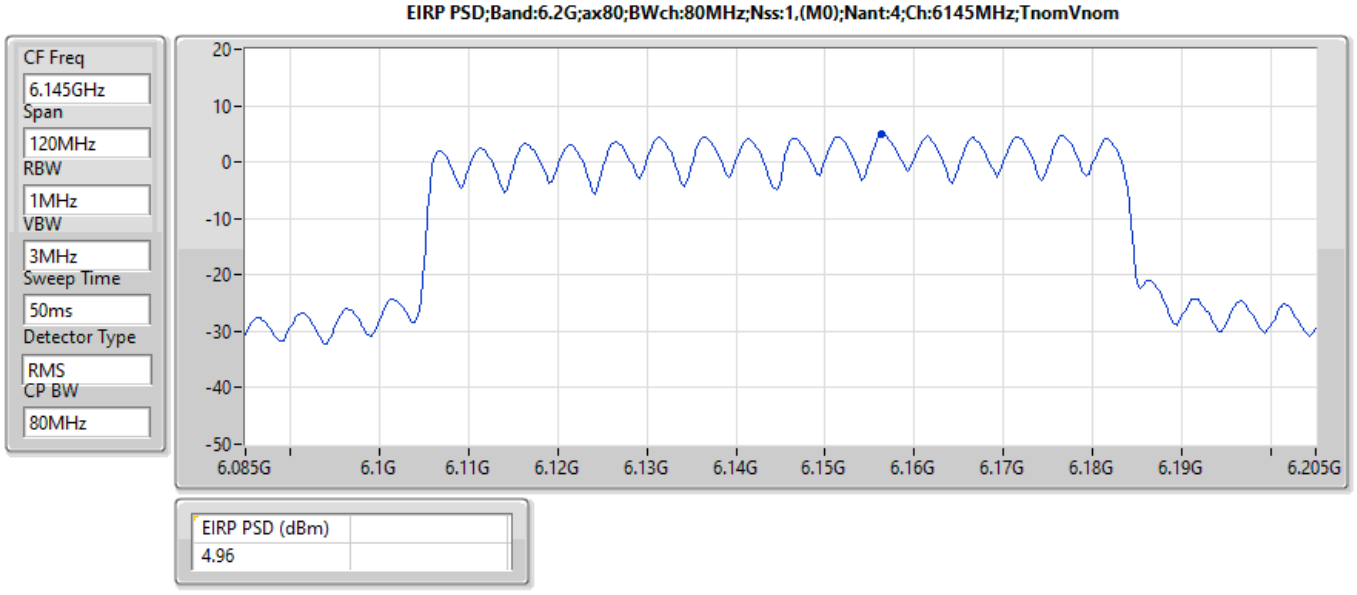

EIRP PSD;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6845MHz;TnomVnom
CF Freq
6.845GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.815G
6.82G
6.825G
6.83G
6.835G
6.84G
6.845G
6.85G
6.855G
6.86G
6.865G
6.87G
6.875G
EIRP PSD (dBm)
4.9

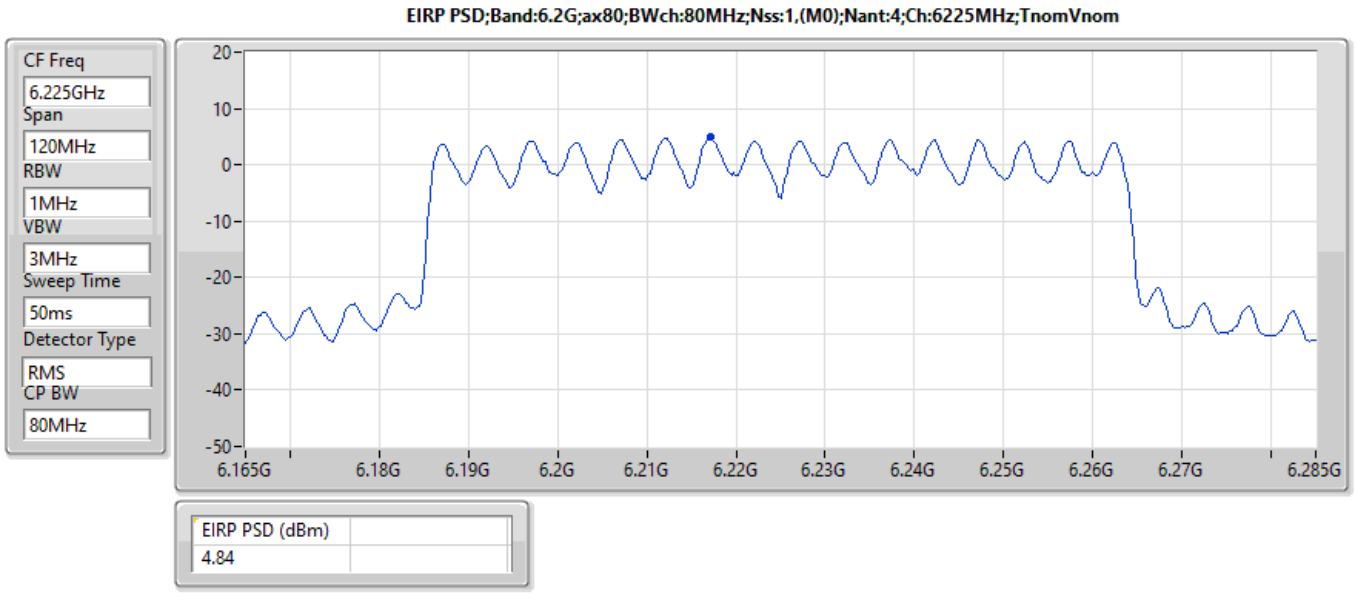

EIRP PSD;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6885MHz;TnomVnom
CF Freq
6.885GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
6.855G
6.86G
6.865G
6.87G
6.875G
6.88G
6.885G
6.89G
6.895G
6.9G
6.905G
6.91G
6.915G
EIRP PSD (dBm)
4.84

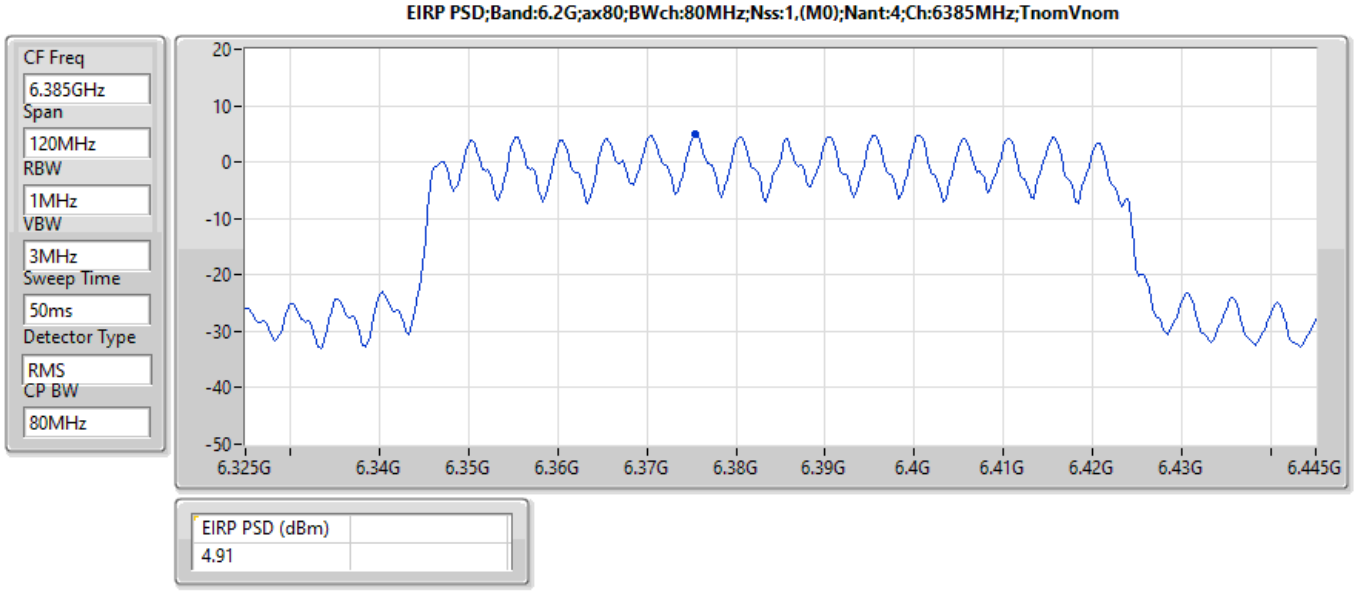

EIRP PSD;Band:7.0G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6925MHz;TnomVnom
CF Freq
6.925GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
6.895G
6.9G
6.905G
6.91G
6.915G
6.92G
6.925G
6.93G
6.935G
6.94G
6.945G
6.95G
6.955G
EIRP PSD (dBm)
4.94

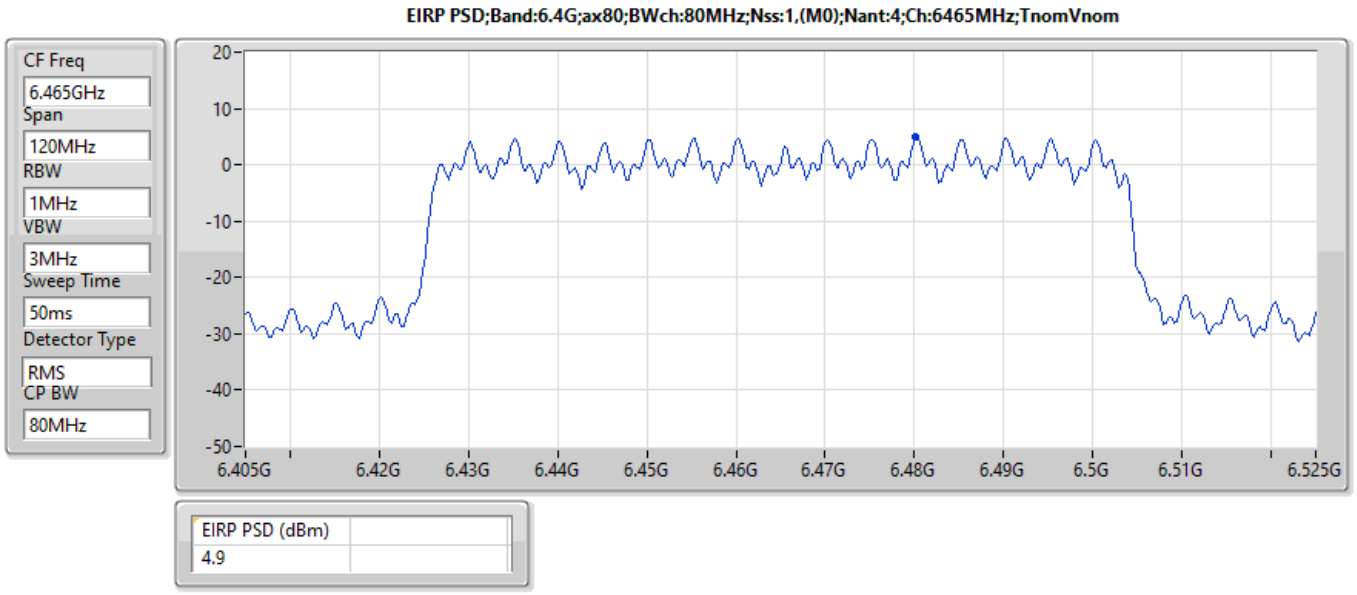

EIRP PSD;Band:7.0G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7005MHz;TnomVnom
CF Freq
7.005GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
6.975G
6.98G
6.985G
6.99G
6.995G
7G
7.005G
7.01G
7.015G
7.02G
7.025G
7.03G
7.035G
EIRP PSD (dBm)
4.98

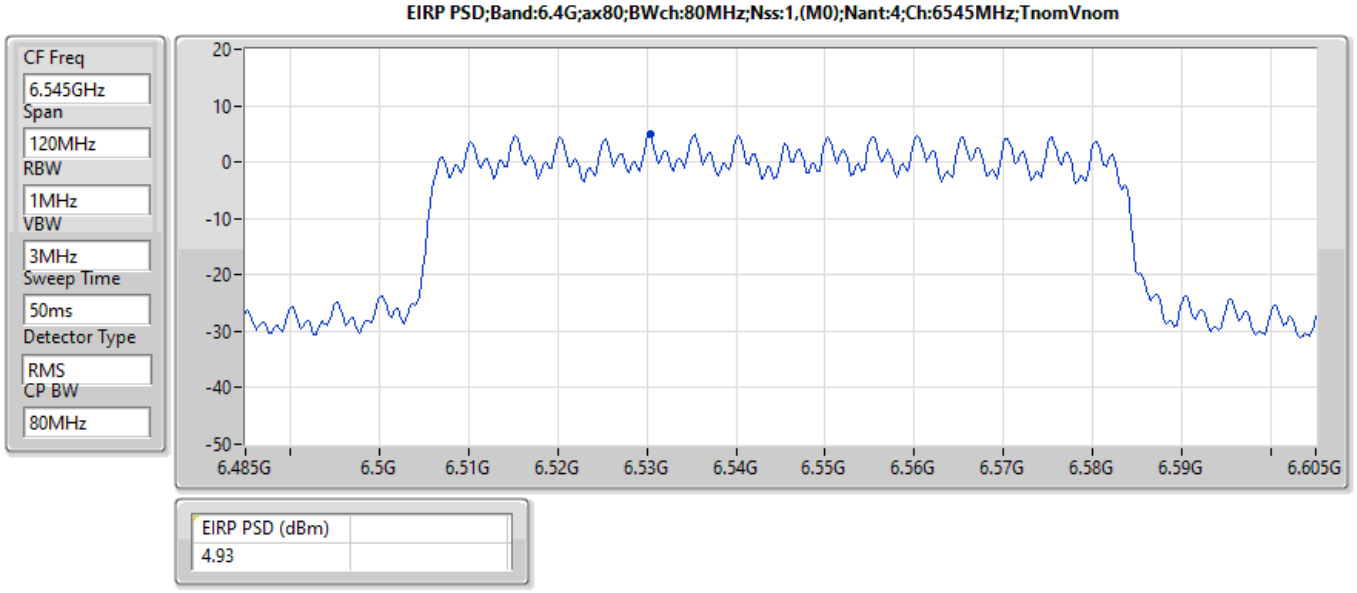

EIRP PSD;Band:7.0G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7085MHz;TnomVnom
CF Freq
7.085GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
7.055G
7.06G
7.065G
7.07G
7.075G
7.08G
7.085G
7.09G
7.095G
7.1G
7.105G
7.11G
7.115G
EIRP PSD (dBm)
4.88


EIRP PSD;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6145MHz;TnomVnom
CF Freq
6.145GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
10
0
-10
-20
-30
-40
-50
6.085G
6.1G
6.11G
6.12G
6.13G
6.14G
6.15G
6.16G
6.17G
6.18G
6.19G
6.205G
EIRP PSD (dBm)
4.96


EIRP PSD;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6225MHz;TnomVnom
CF Freq
6.225GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
10
0
-10
-20
-30
-40
-50
6.165G
6.18G
6.19G
6.2G
6.21G
6.22G
6.23G
6.24G
6.25G
6.26G
6.27G
6.285G
EIRP PSD (dBm)
4.84


EIRP PSD;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6385MHz;TnomVnom
CF Freq
6.385GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
10
0
-10
-20
-30
-40
-50
6.325G
6.34G
6.35G
6.36G
6.37G
6.38G
6.39G
6.4G
6.41G
6.42G
6.43G
6.445G
EIRP PSD (dBm)
4.91


EIRP PSD;Band:6.4G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6465MHz;TnomVnom
CF Freq
6.465GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
10
0
-10
-20
-30
-40
-50
6.405G
6.42G
6.43G
6.44G
6.45G
6.46G
6.47G
6.48G
6.49G
6.5G
6.51G
6.525G
EIRP PSD (dBm)
4.9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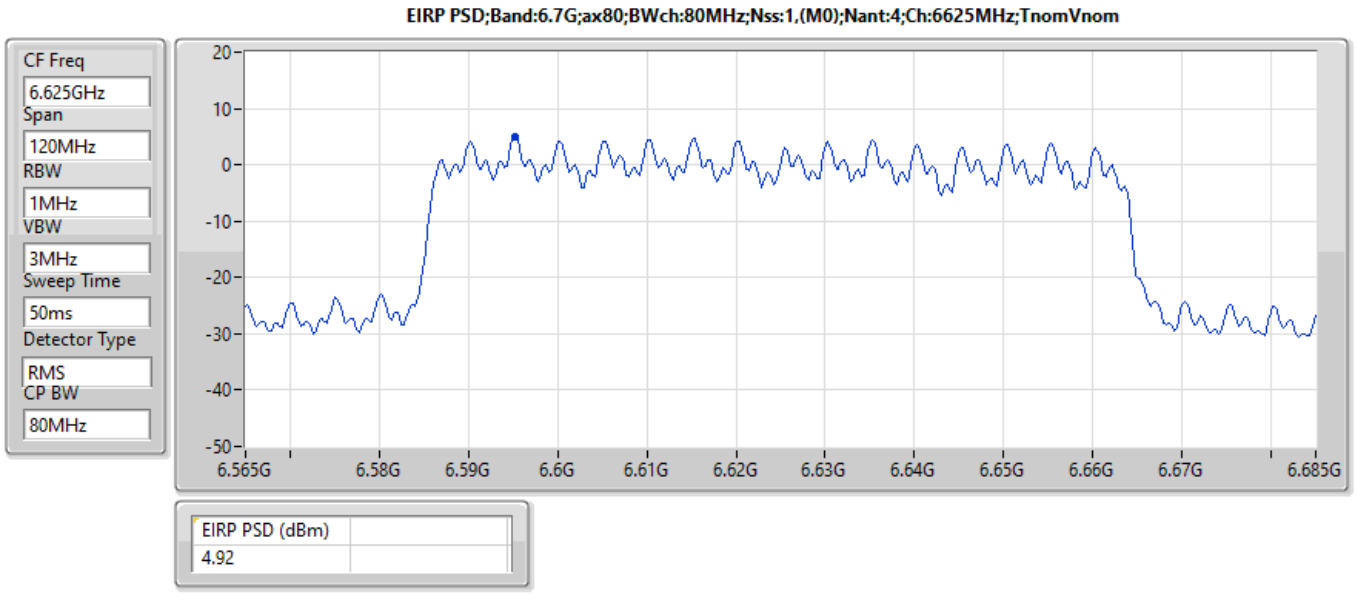
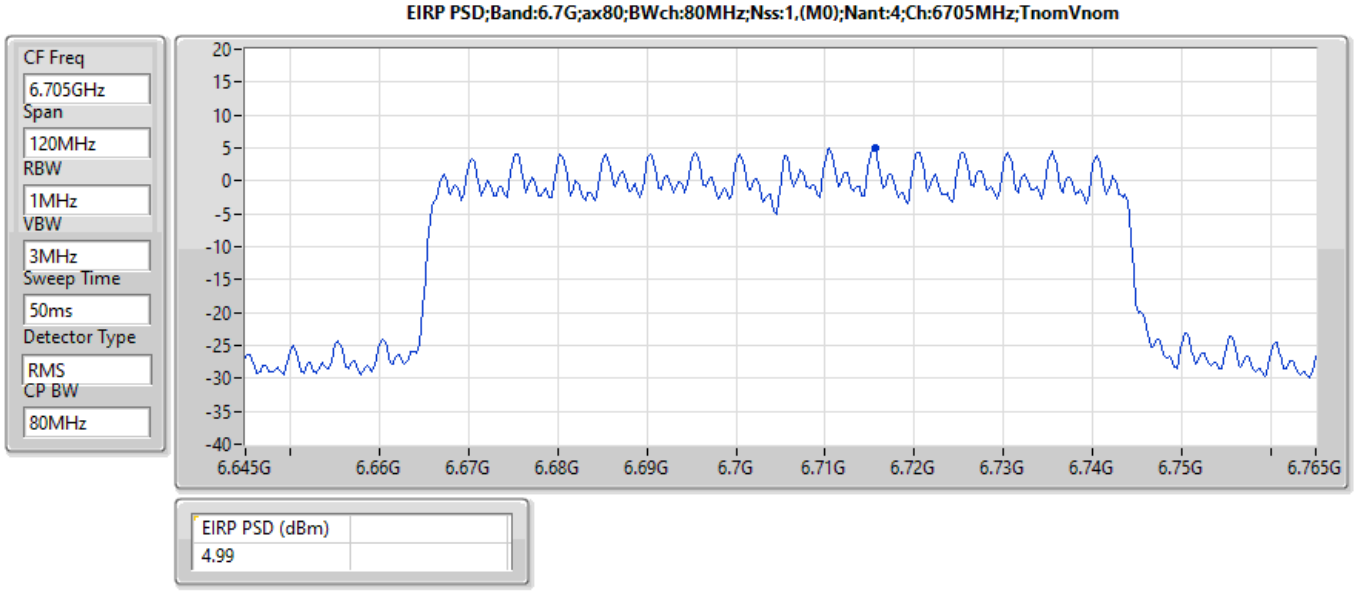
CF Freq
6.545GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
10
0
-10
-20
-30
-40
-50
6.485G
6.5G
6.51G
6.52G
6.53G
6.54G
6.55G
6.56G
6.57G
6.58G
6.59G
6.605G
EIRP PSD (dBm)
4.93


EIRP PSD;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6625MHz;TnomVnom
CF Freq
6.625GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
10
0
-10
-20
-30
-40
-50
6.565G
6.58G
6.59G
6.6G
6.61G
6.62G
6.63G
6.64G
6.65G
6.66G
6.67G
6.685G
EIRP PSD (dBm)
4.92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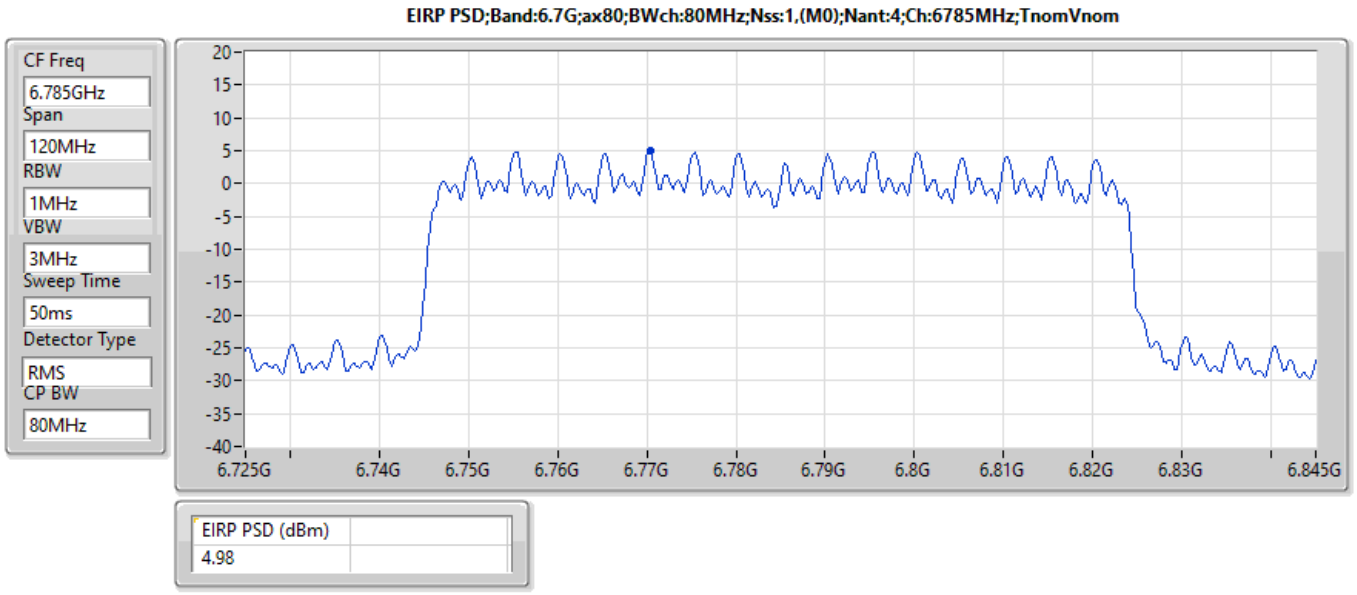
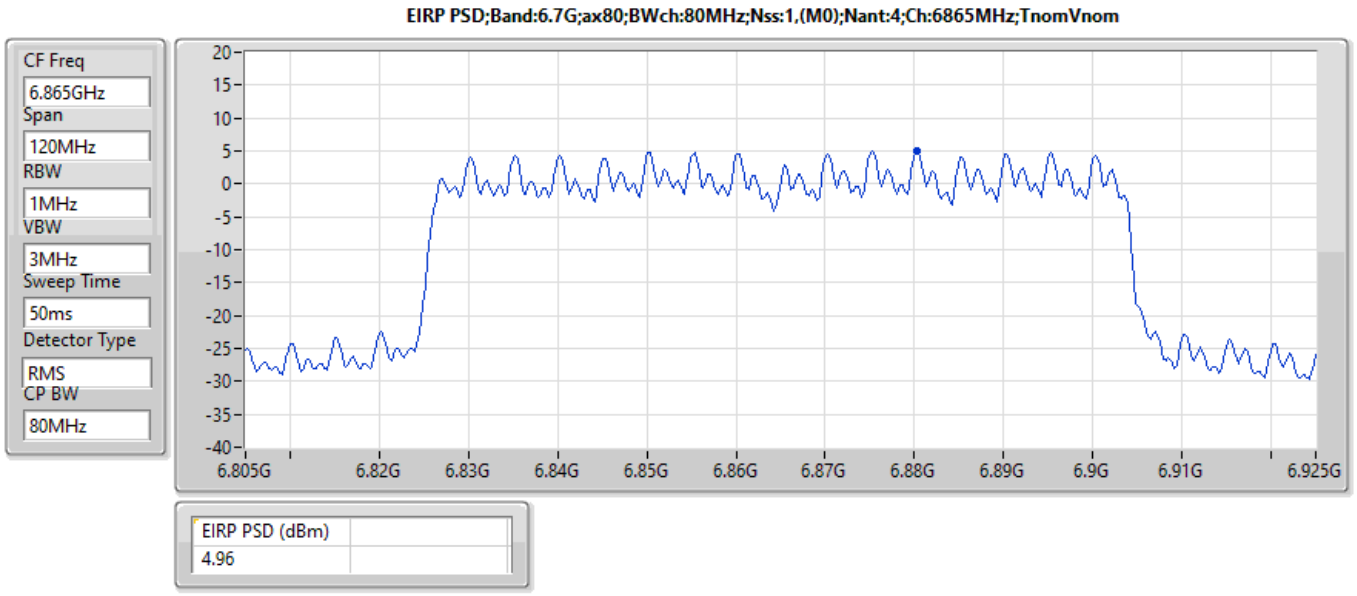
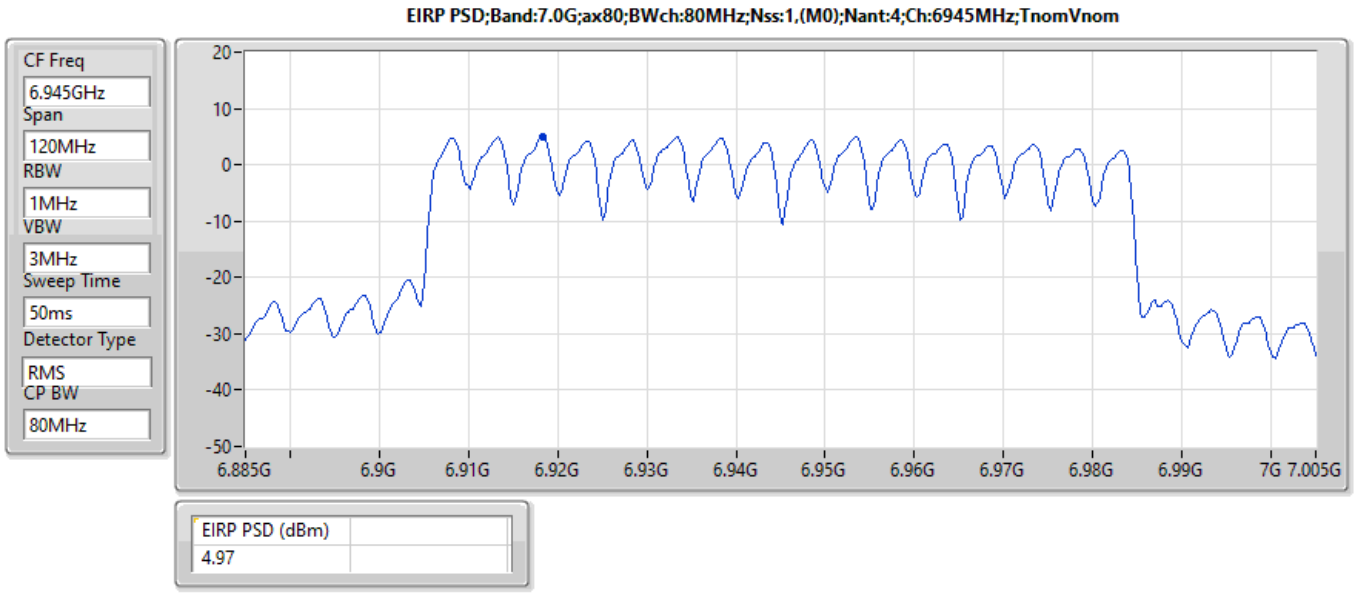
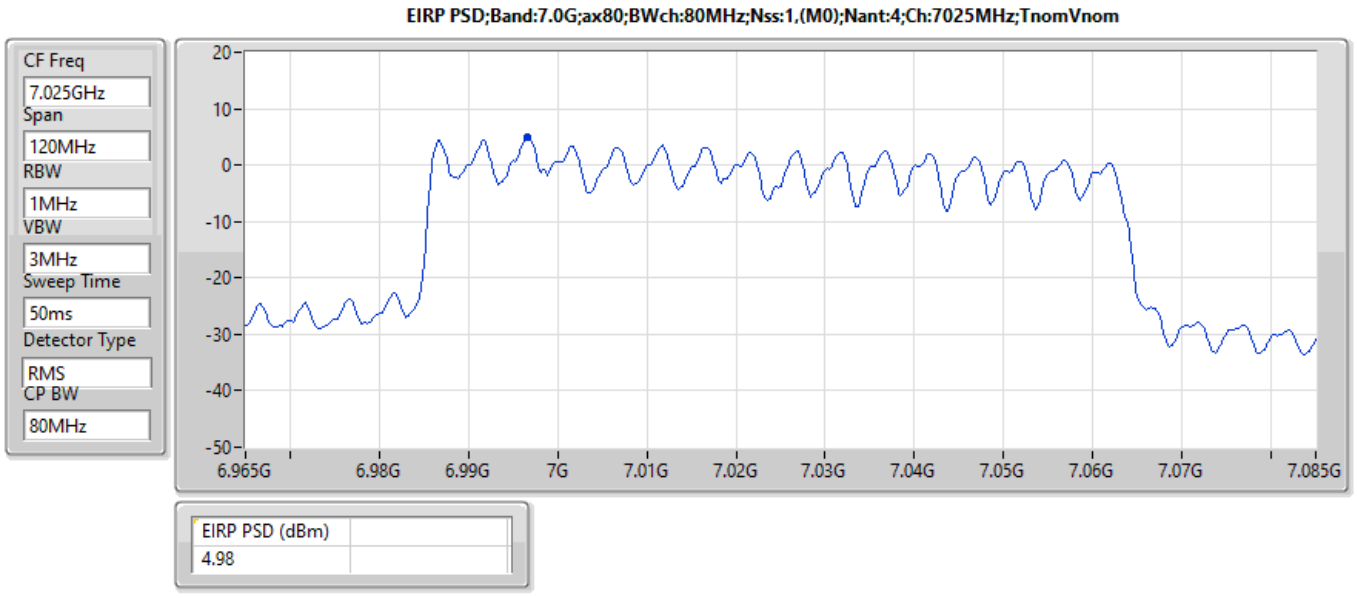
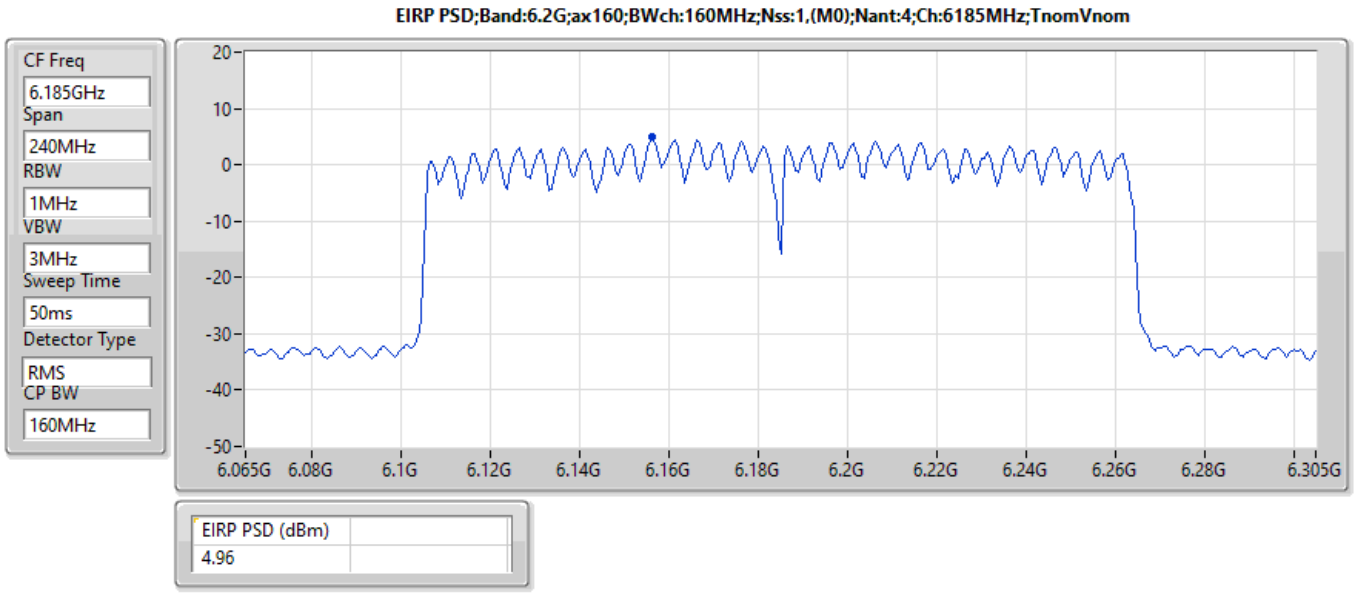
CF Freq
6.705GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.645G
6.66G
6.67G
6.68G
6.69G
6.7G
6.71G
6.72G
6.73G
6.74G
6.75G
6.765G
EIRP PSD (dBm)
4.99

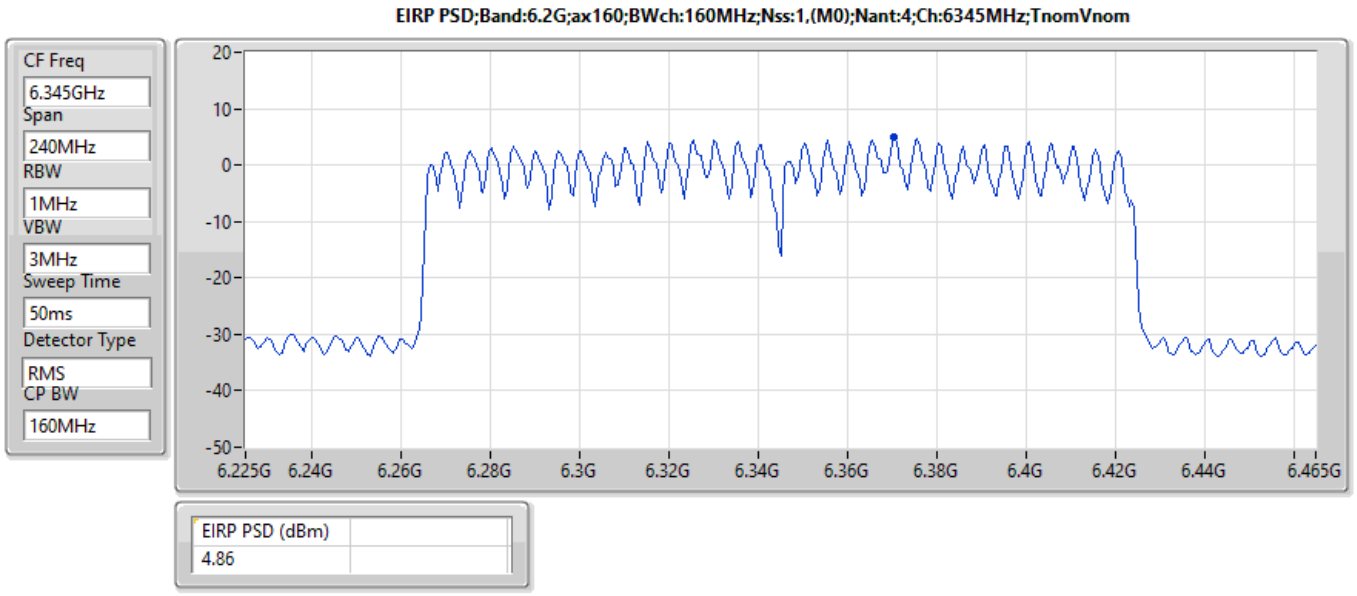

EIRP PSD;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6785MHz;TnomVnom
CF Freq
6.785GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.725G
6.74G
6.75G
6.76G
6.77G
6.78G
6.79G
6.8G
6.81G
6.82G
6.83G
6.845G
EIRP PSD (dBm)
4.98

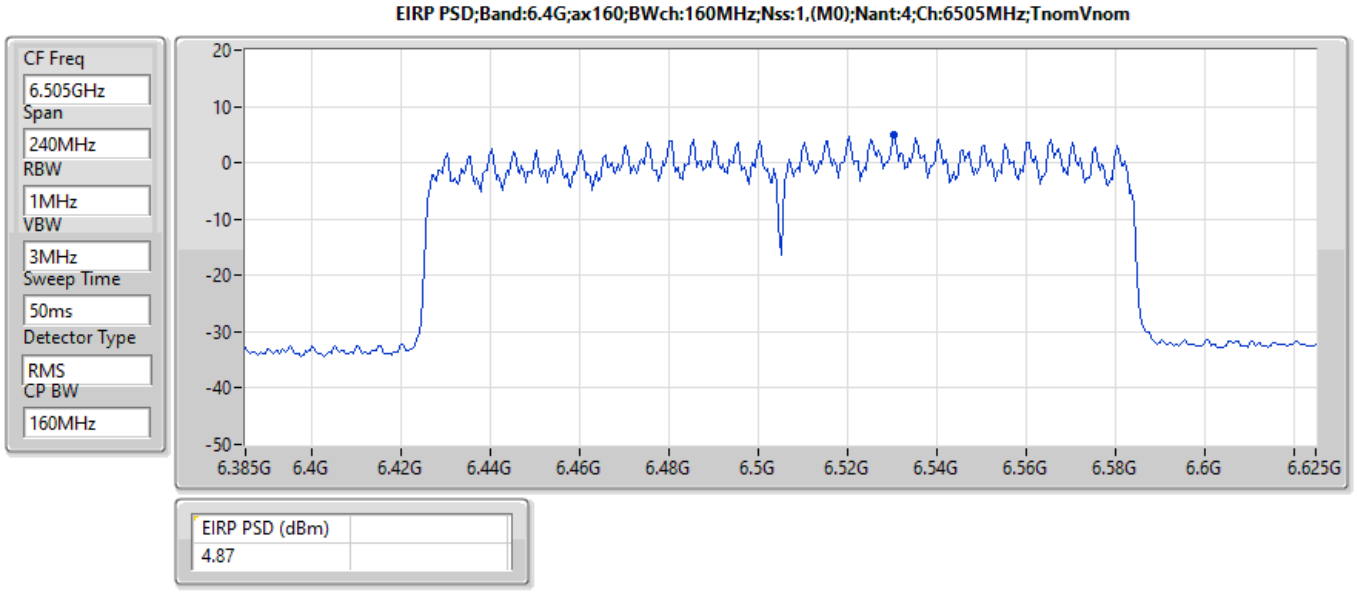

EIRP PSD;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6865MHz;TnomVnom
CF Freq
6.865GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.805G
6.82G
6.83G
6.84G
6.85G
6.86G
6.87G
6.88G
6.89G
6.9G
6.91G
6.925G
EIRP PSD (dBm)
4.96

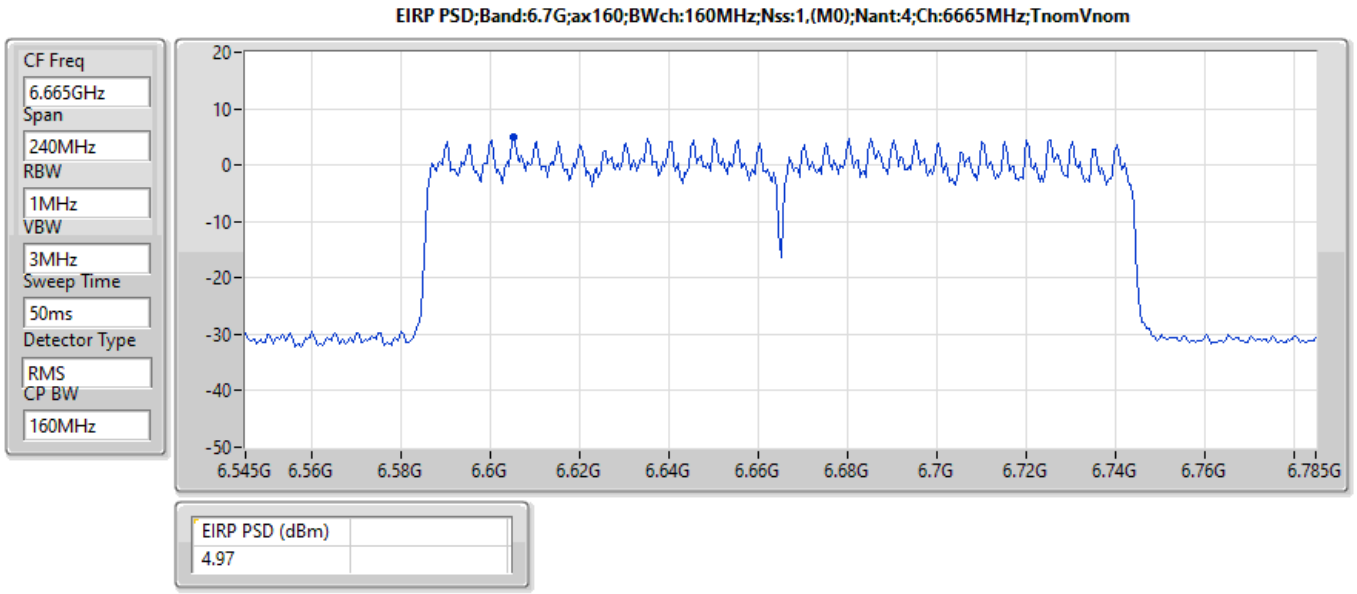

EIRP PSD;Band:7.0G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6945MHz;TnomVnom
CF Freq
6.945GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
10
0
-10
-20
-30
-40
-50
6.885G
6.9G
6.91G
6.92G
6.93G
6.94G
6.95G
6.96G
6.97G
6.98G
6.99G
7G
7.005G
EIRP PSD (dBm)
4.97


EIRP PSD;Band:7.0G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:7025MHz;TnomVnom
CF Freq
7.025GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
10
0
-10
-20
-30
-40
-50
6.965G
6.98G
6.99G
7G
7.01G
7.02G
7.03G
7.04G
7.05G
7.06G
7.07G
7.085G
EIRP PSD (dBm)
4.98

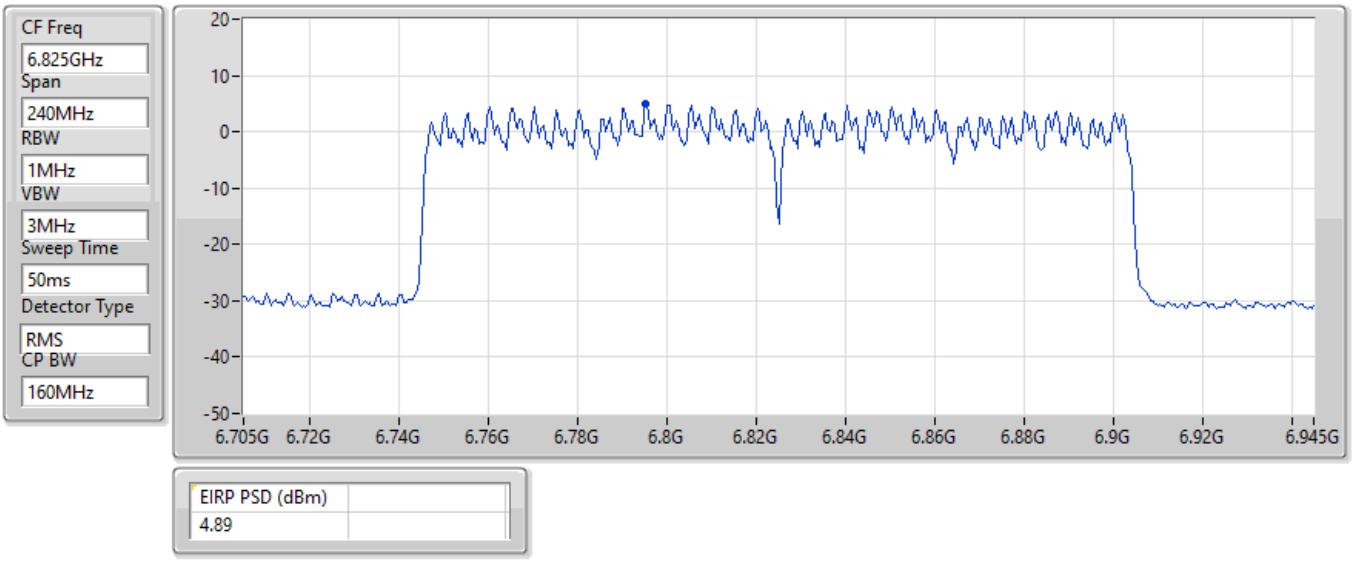

EIRP PSD;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6185MHz;TnomVnom
CF Freq
6.185GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
160MHz
20
10
0
-10
-20
-30
-40
-50
6.065G 6.08G 6.1G 6.12G 6.14G 6.16G 6.18G 6.2G 6.22G 6.24G 6.26G 6.28G 6.305G
EIRP PSD (dBm)
4.96


EIRP PSD;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6345MHz;TnomVnom
CF Freq
6.345GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
160MHz
20
10
0
-10
-20
-30
-40
-50
6.225G 6.24G 6.26G 6.28G 6.3G 6.32G 6.34G 6.36G 6.38G 6.4G 6.42G 6.44G 6.465G
EIRP PSD (dBm)
4.86


EIRP PSD;Band:6.4G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6505MHz;TnomVnom
CF Freq
6.505GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
160MHz
20
10
0
-10
-20
-30
-40
-50
6.385G
6.4G
6.42G
6.44G
6.46G
6.48G
6.5G
6.52G
6.54G
6.56G
6.58G
6.6G
6.625G
EIRP PSD (dBm)
4.87

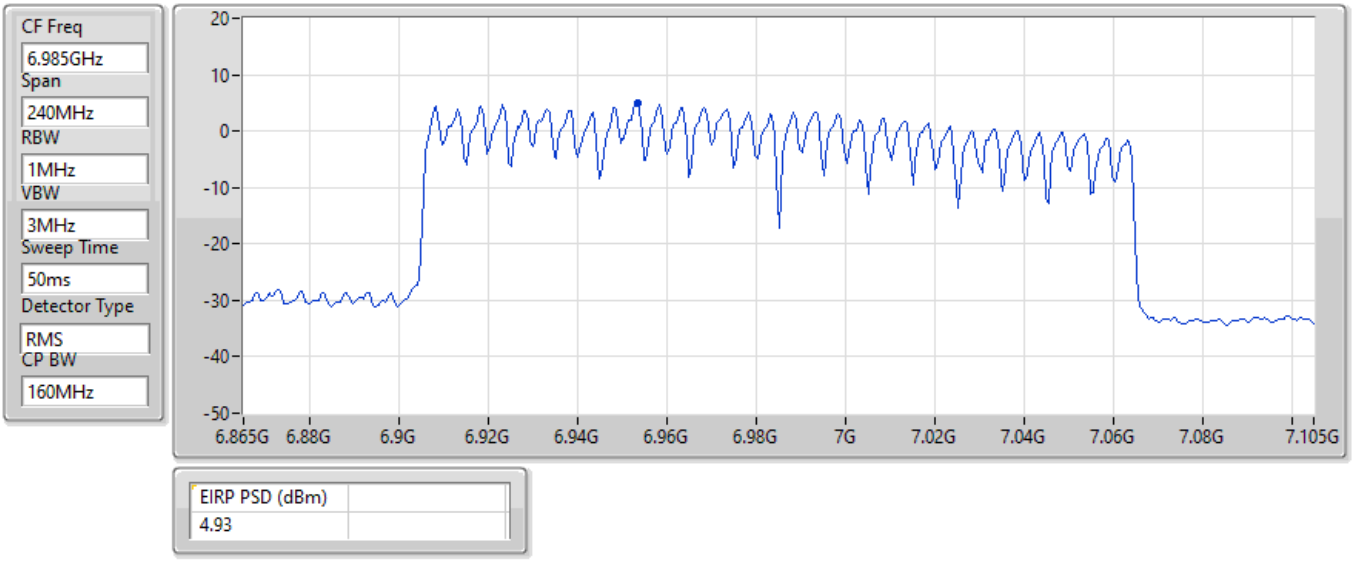

EIRP PSD;Band:6.7G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6665MHz;TnomVnom
CF Freq
6.665GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
160MHz
20
10
0
-10
-20
-30
-40
-50
6.545G
6.56G
6.58G
6.6G
6.62G
6.64G
6.66G
6.68G
6.7G
6.72G
6.74G
6.76G
6.785G
EIRP PSD (dBm)
4.97

EIRP PSD;Band:6.7G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6825MHz;TnomVnom



EIRP PSD (dBm)
4.89

EIRP PSD;Band:7.0G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6985MHz;TnomVnom



EIRP PSD (dBm)
4.93

Summary

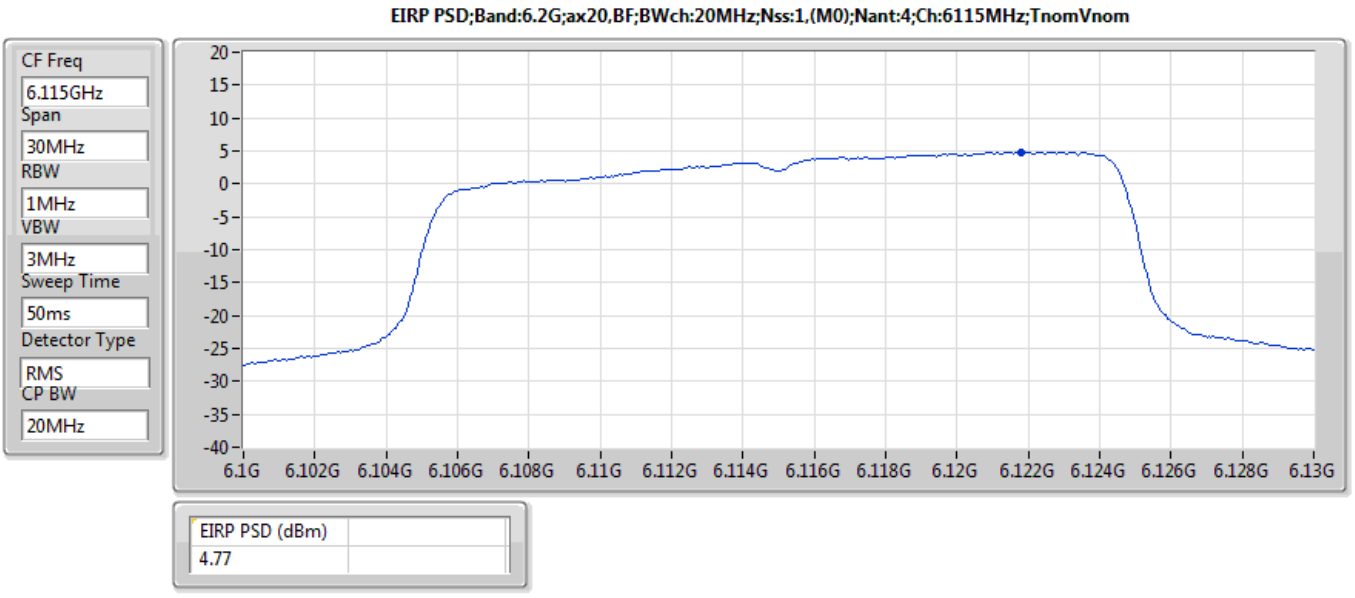
Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.91
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.94
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.93
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.81
6.425-6.525GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.96
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.92
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.87
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.92
6.525-6.875GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.95
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.89
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.97
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.94
6.875-7.125GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.91
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.87

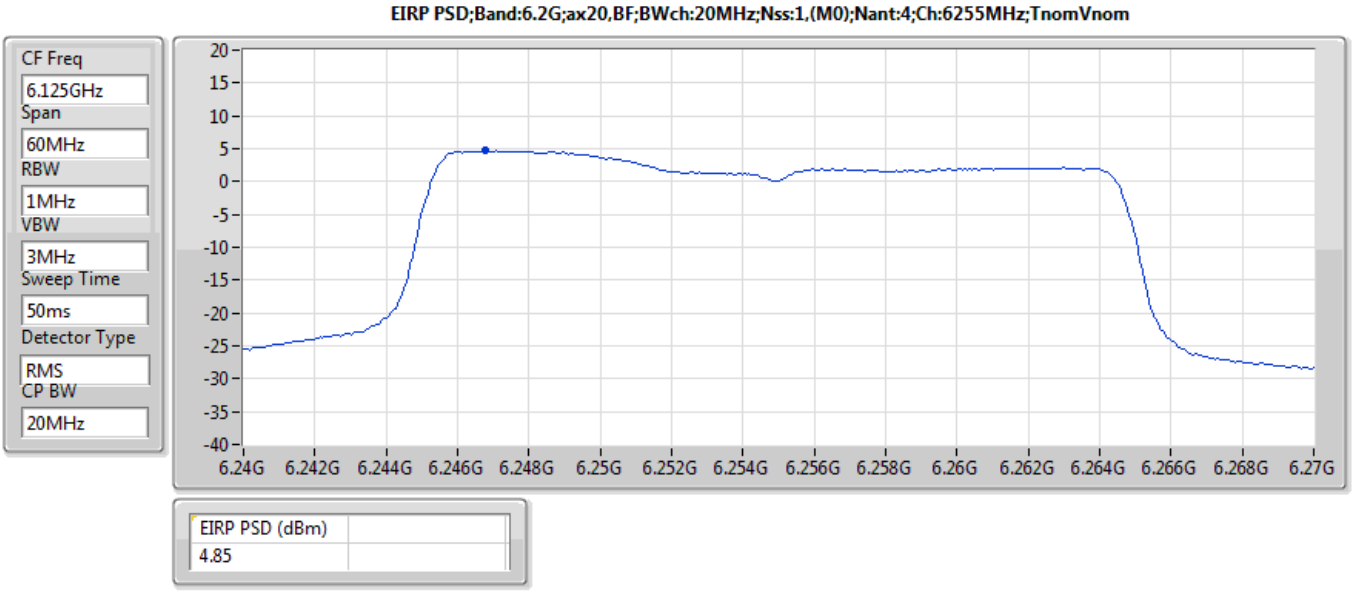
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

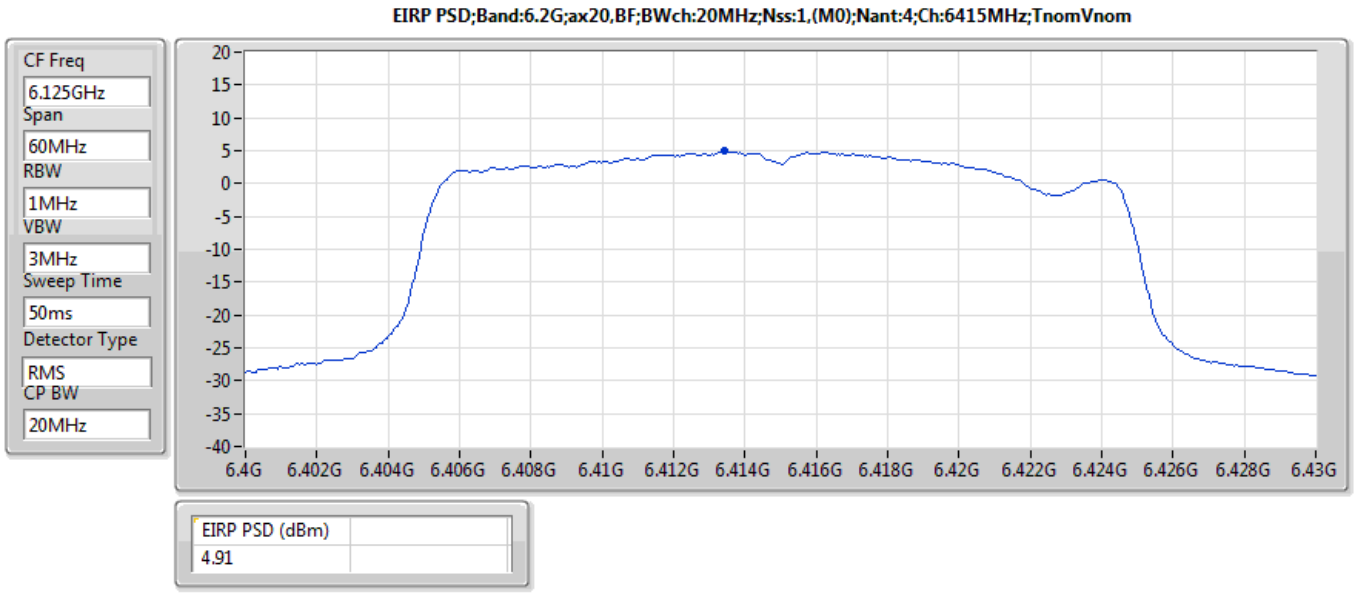
Result

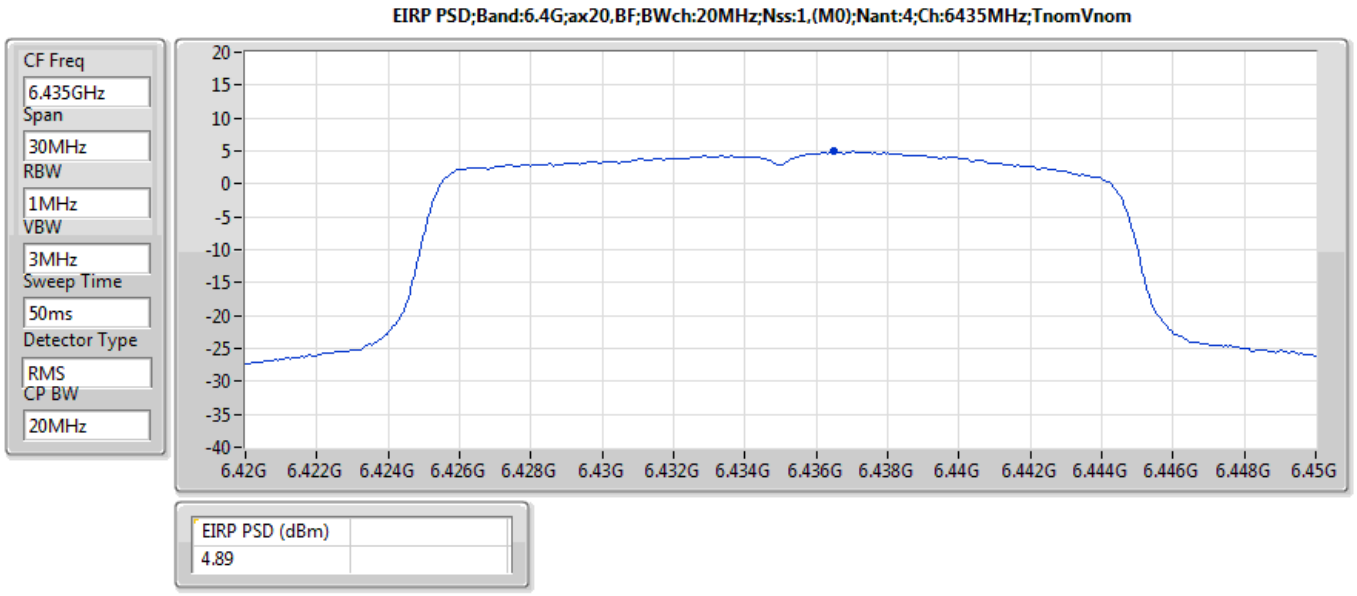
Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-
6115MHz	Pass	4.77	5.00
6255MHz	Pass	4.85	5.00
6415MHz	Pass	4.91	5.00
6435MHz	Pass	4.89	5.00
6475MHz	Pass	4.76	5.00
6515MHz	Pass	4.96	5.00
6535MHz	Pass	4.70	5.00
6695MHz	Pass	4.92	5.00
6855MHz	Pass	4.92	5.00
6875MHz Straddle 6.525-6.875GHz	Pass	4.95	5.00
6895MHz	Pass	4.83	5.00
6995MHz	Pass	4.98	5.00
7095MHz	Pass	4.83	5.00
7115MHz	Pass	-0.66	5.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-
6125MHz	Pass	4.94	5.00
6245MHz	Pass	4.87	5.00
6405MHz	Pass	4.71	5.00
6445MHz	Pass	4.82	5.00
6485MHz	Pass	4.92	5.00
6525MHz Straddle 6.425-6.525GHz	Pass	4.89	5.00
6565MHz	Pass	4.77	5.00
6685MHz	Pass	4.89	5.00
6845MHz	Pass	4.83	5.00
6885MHz Straddle 6.525-6.875GHz	Pass	4.85	5.00
6925MHz	Pass	4.98	5.00
7005MHz	Pass	4.98	5.00
7085MHz	Pass	4.70	5.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-
6145MHz	Pass	4.84	5.00
6225MHz	Pass	4.93	5.00
6385MHz	Pass	4.93	5.00
6465MHz	Pass	4.76	5.00
6545MHz Straddle 6.425-6.525GHz	Pass	4.87	5.00
6625MHz	Pass	4.72	5.00
6705MHz	Pass	4.97	5.00
6785MHz	Pass	4.86	5.00
6865MHz Straddle 6.525-6.875GHz	Pass	4.74	5.00
6945MHz	Pass	4.91	5.00
7025MHz	Pass	4.63	5.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-
6185MHz	Pass	4.81	5.00
6345MHz	Pass	4.76	5.00
6505MHz Straddle 6.425-6.525GHz	Pass	4.92	5.00
6665MHz	Pass	4.52	5.00
6825MHz Straddle 6.525-6.875GHz	Pass	4.94	5.00
6985MHz	Pass	4.87	5.00

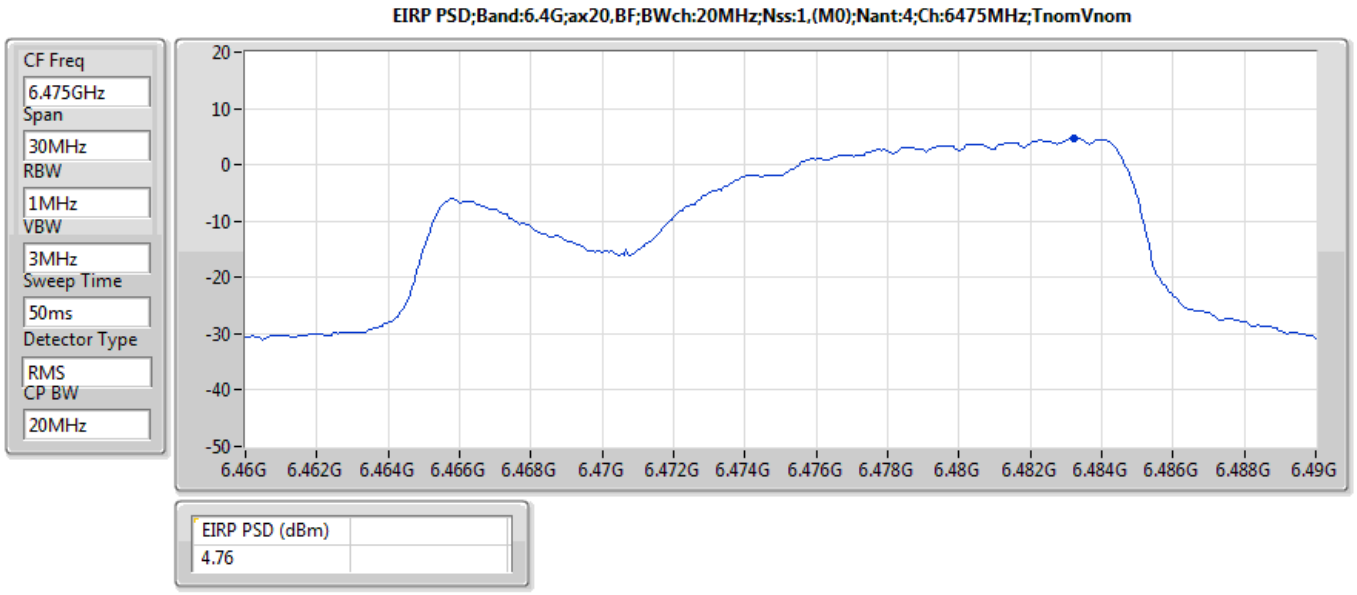
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

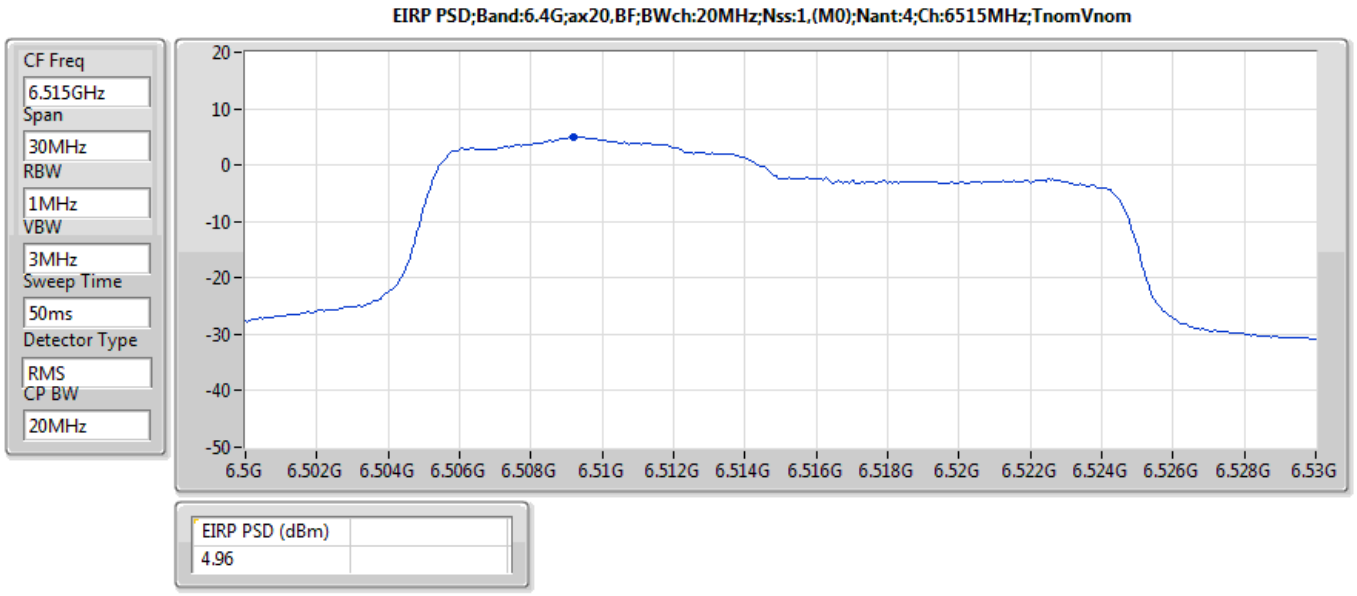

EIRP PSD;Band:6.2G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6115MHz;TnomVnom
CF Freq
6.115GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.1G 6.102G 6.104G 6.106G 6.108G 6.11G 6.112G 6.114G 6.116G 6.118G 6.12G 6.122G 6.124G 6.126G 6.128G 6.13G
EIRP PSD (dBm)
4.77

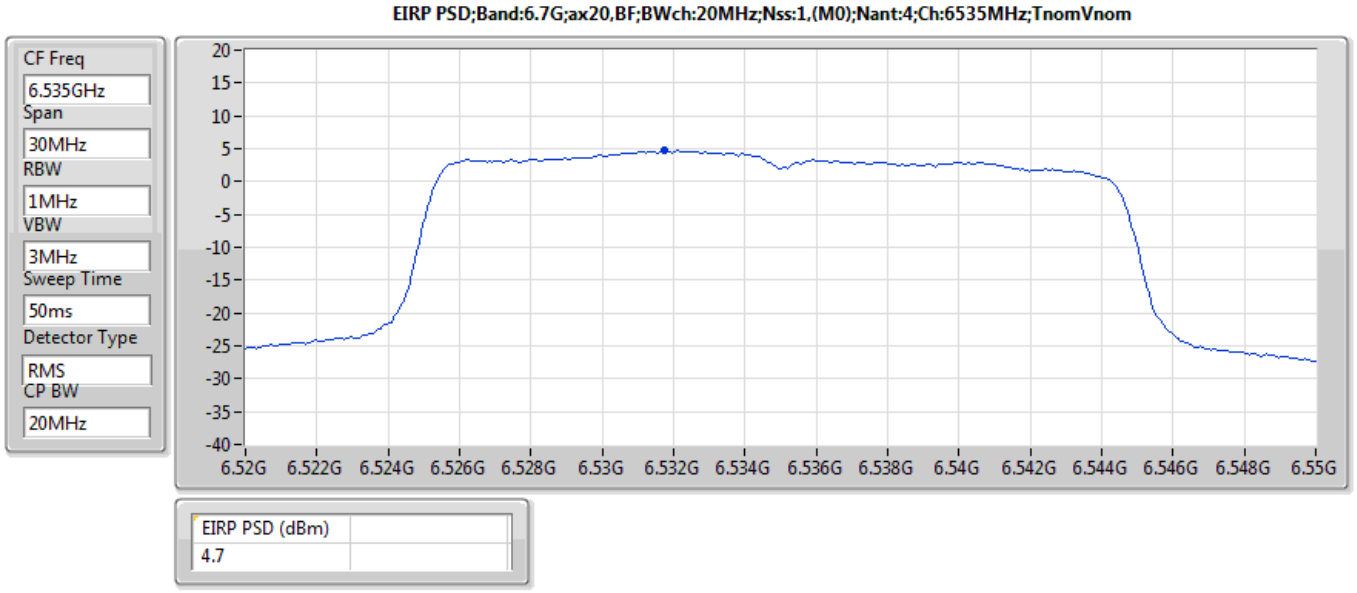

EIRP PSD;Band:6.2G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6255MHz;TnomVnom
CF Freq
6.125GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.24G 6.242G 6.244G 6.246G 6.248G 6.25G 6.252G 6.254G 6.256G 6.258G 6.26G 6.262G 6.264G 6.266G 6.268G 6.27G
EIRP PSD (dBm)
4.85

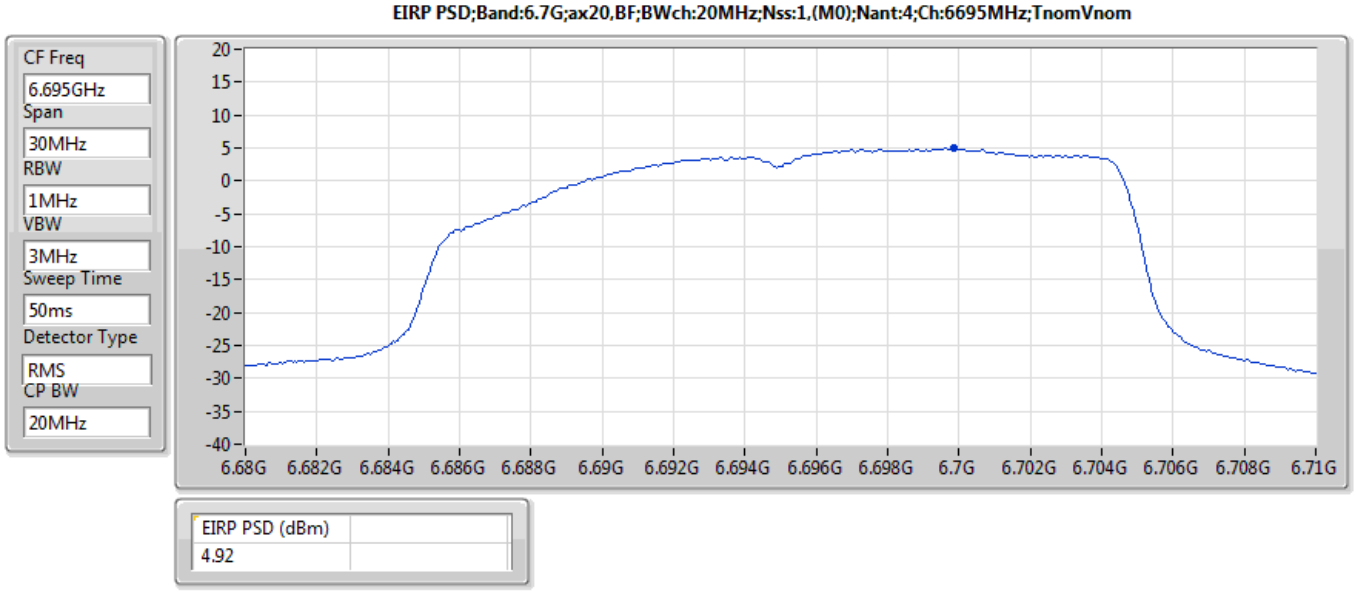

EIRP PSD;Band:6.2G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6415MHz;TnomVnom
CF Freq
6.125GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.4G 6.402G 6.404G 6.406G 6.408G 6.41G 6.412G 6.414G 6.416G 6.418G 6.42G 6.422G 6.424G 6.426G 6.428G 6.43G
EIRP PSD (dBm)
4.91

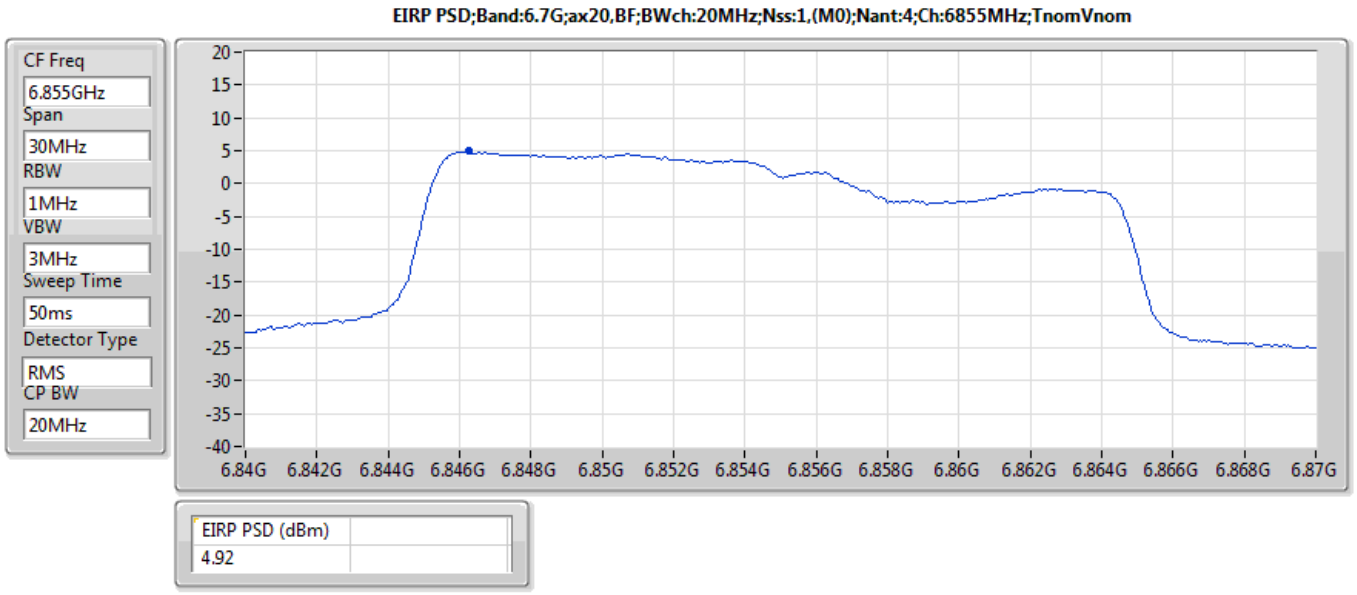

EIRP PSD;Band:6.4G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6435MHz;TnomVnom
CF Freq
6.435GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.42G 6.422G 6.424G 6.426G 6.428G 6.43G 6.432G 6.434G 6.436G 6.438G 6.44G 6.442G 6.444G 6.446G 6.448G 6.45G
EIRP PSD (dBm)
4.89

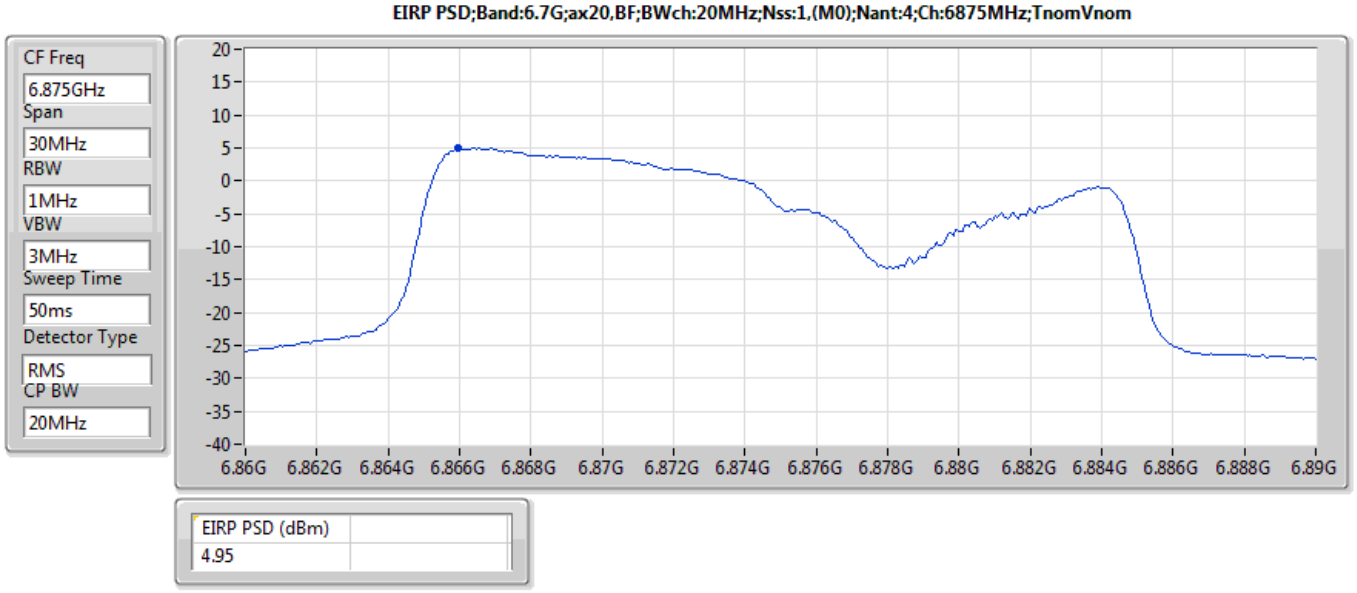

EIRP PSD;Band:6.4G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6475MHz;TnomVnom
CF Freq
6.475GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
10
0
-10
-20
-30
-40
-50
6.46G 6.462G 6.464G 6.466G 6.468G 6.47G 6.472G 6.474G 6.476G 6.478G 6.48G 6.482G 6.484G 6.486G 6.488G 6.49G
EIRP PSD (dBm)
4.76

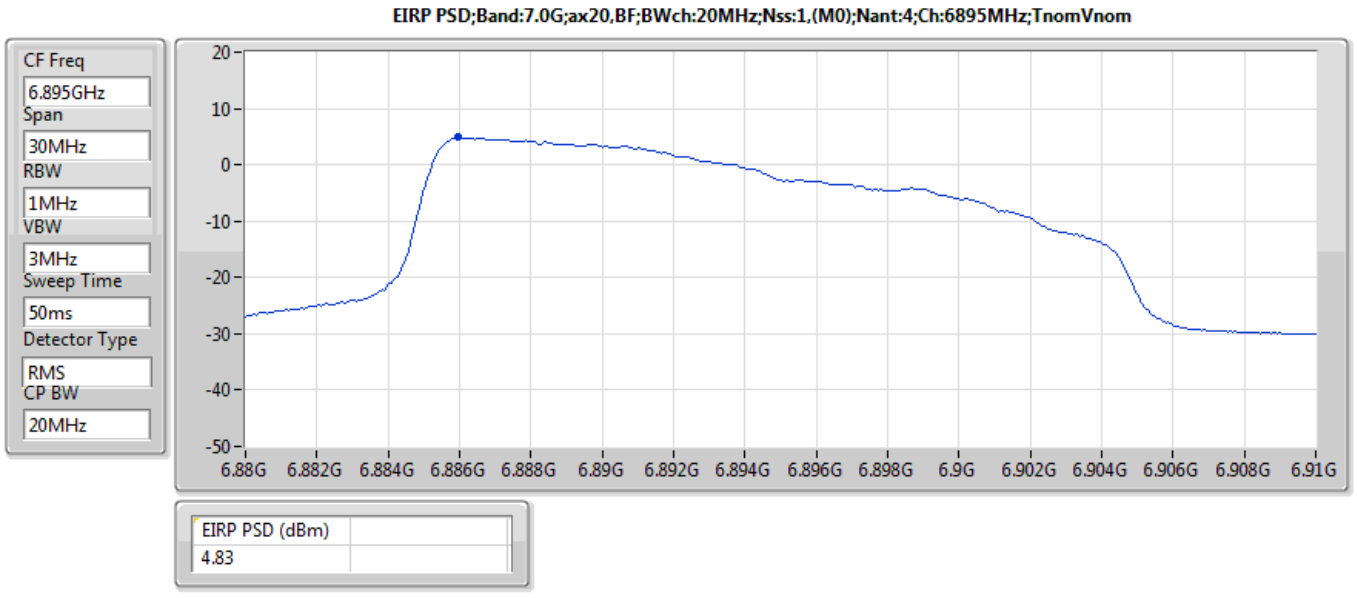

EIRP PSD;Band:6.4G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6515MHz;TnomVnom
CF Freq
6.515GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
10
0
-10
-20
-30
-40
-50
6.5G 6.502G 6.504G 6.506G 6.508G 6.51G 6.512G 6.514G 6.516G 6.518G 6.52G 6.522G 6.524G 6.526G 6.528G 6.53G
EIRP PSD (dBm)
4.96

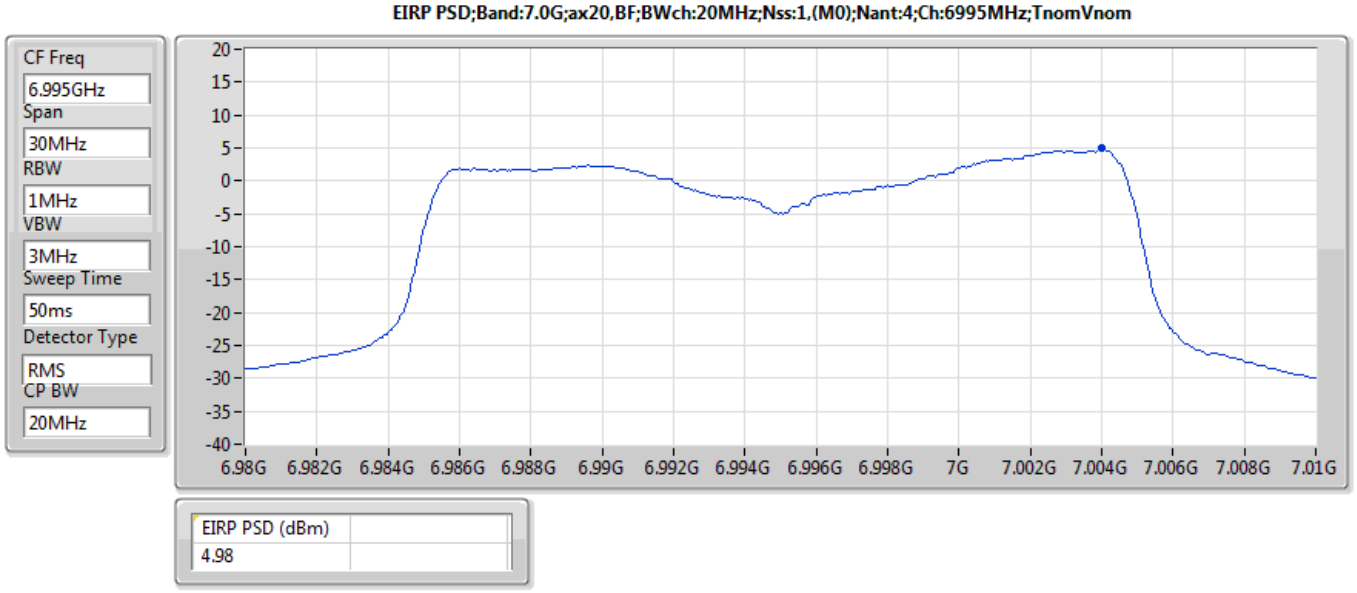

EIRP PSD;Band:6.7G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6535MHz;TnomVnom
CF Freq
6.535GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.52G 6.522G 6.524G 6.526G 6.528G 6.53G 6.532G 6.534G 6.536G 6.538G 6.54G 6.542G 6.544G 6.546G 6.548G 6.55G
EIRP PSD (dBm)
4.7

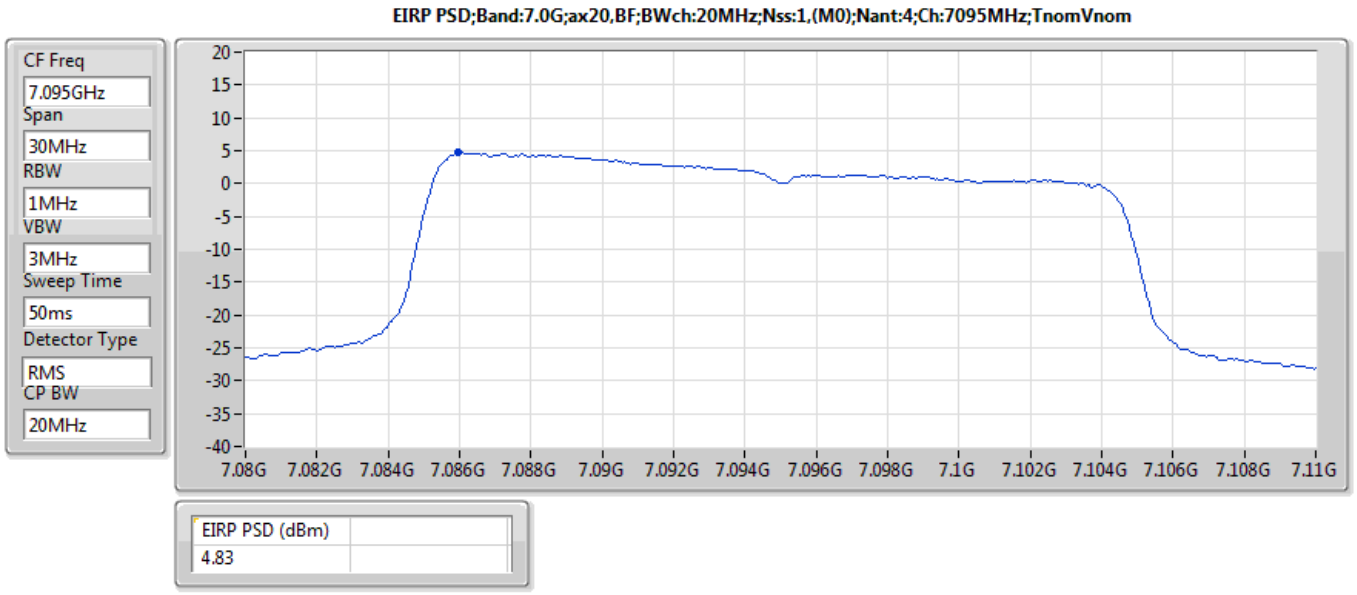

EIRP PSD;Band:6.7G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6695MHz;TnomVnom
CF Freq
6.695GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.68G 6.682G 6.684G 6.686G 6.688G 6.69G 6.692G 6.694G 6.696G 6.698G 6.7G 6.702G 6.704G 6.706G 6.708G 6.71G
EIRP PSD (dBm)
4.92

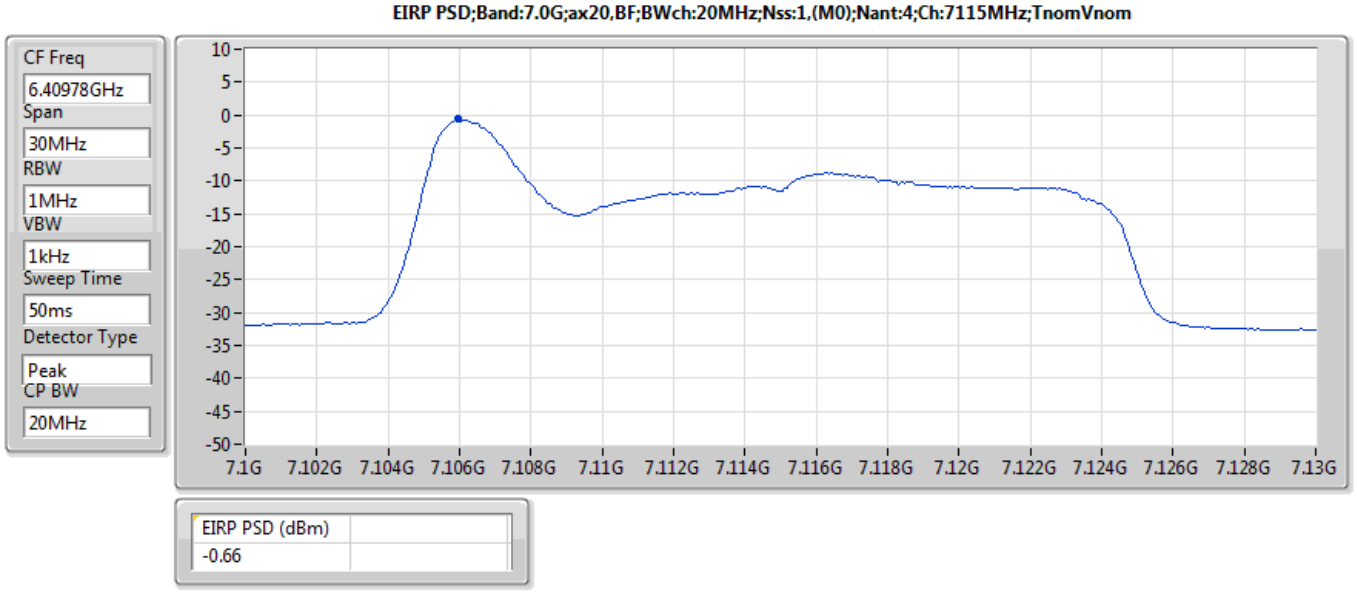

EIRP PSD;Band:6.7G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6855MHz;TnomVnom
CF Freq
6.855GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.84G 6.842G 6.844G 6.846G 6.848G 6.85G 6.852G 6.854G 6.856G 6.858G 6.86G 6.862G 6.864G 6.866G 6.868G 6.87G
EIRP PSD (dBm)
4.92


EIRP PSD;Band:6.7G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6875MHz;TnomVnom
CF Freq
6.875GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.86G 6.862G 6.864G 6.866G 6.868G 6.87G 6.872G 6.874G 6.876G 6.878G 6.88G 6.882G 6.884G 6.886G 6.888G 6.89G
EIRP PSD (dBm)
4.95

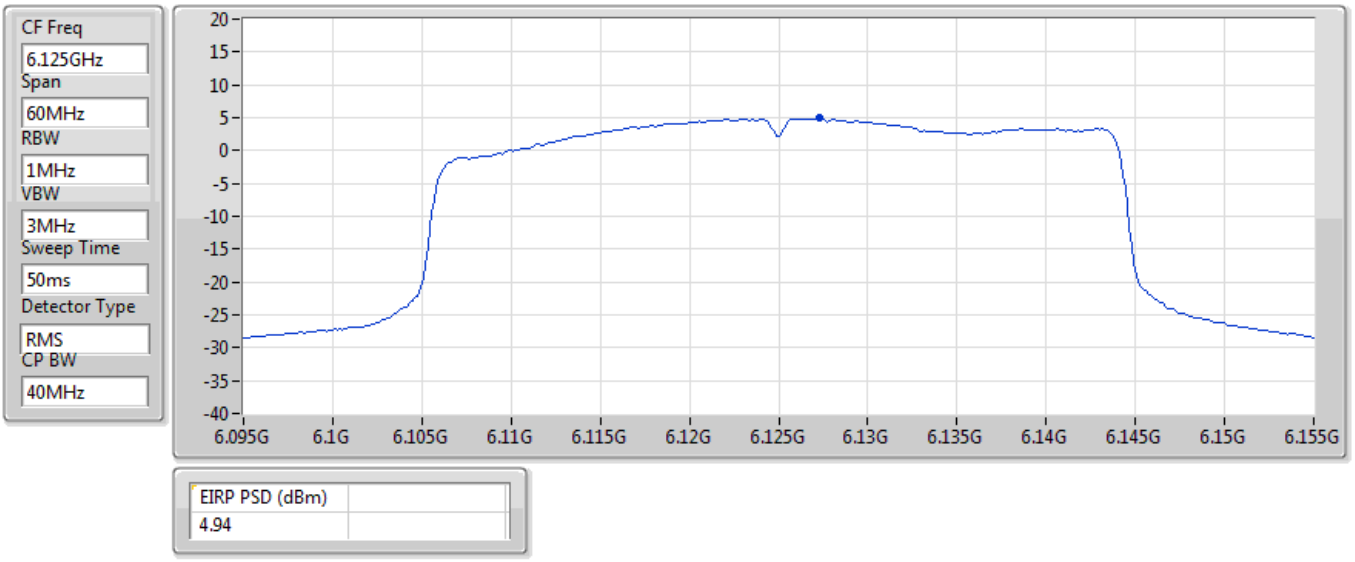

EIRP PSD;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6895MHz;TnomVnom
CF Freq
6.895GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
10
0
-10
-20
-30
-40
-50
6.88G 6.882G 6.884G 6.886G 6.888G 6.89G 6.892G 6.894G 6.896G 6.898G 6.9G 6.902G 6.904G 6.906G 6.908G 6.91G
EIRP PSD (dBm)
4.83


EIRP PSD;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6995MHz;TnomVnom
CF Freq
6.995GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.98G 6.982G 6.984G 6.986G 6.988G 6.99G 6.992G 6.994G 6.996G 6.998G 7G 7.002G 7.004G 7.006G 7.008G 7.01G
EIRP PSD (dBm)
4.98


EIRP PSD;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7095MHz;TnomVnom
CF Freq
7.095GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
20MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
7.08G 7.082G 7.084G 7.086G 7.088G 7.09G 7.092G 7.094G 7.096G 7.098G 7.1G 7.102G 7.104G 7.106G 7.108G 7.11G
EIRP PSD (dBm)
4.83

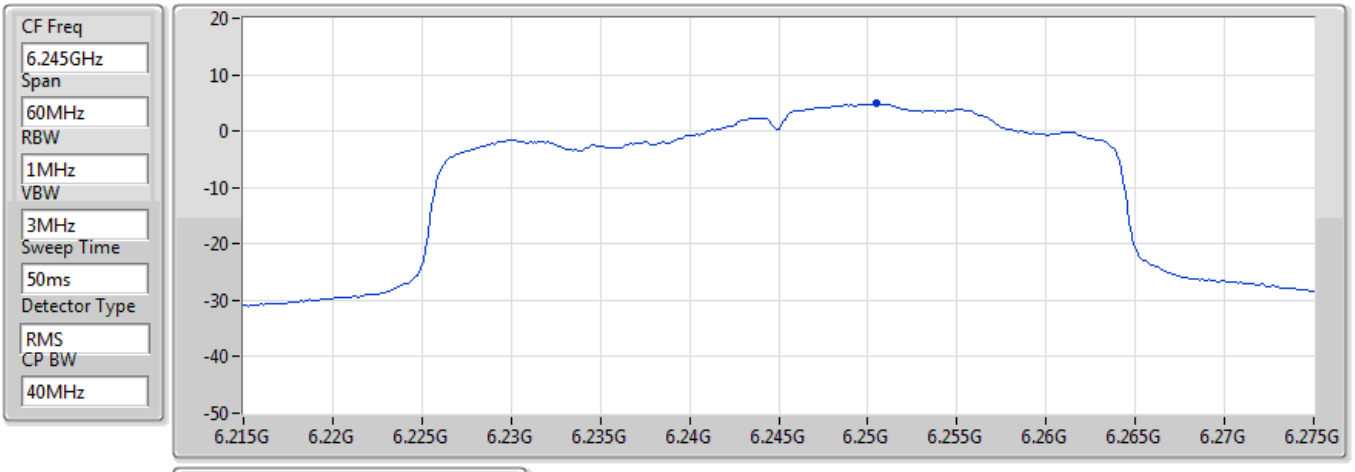

EIRP PSD;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7115MHz;TnomVnom
CF Freq
6.40978GHz
Span
30MHz
RBW
1MHz
VBW
1kHz
Sweep Time
50ms
Detector Type
Peak
CP BW
20MHz
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
7.1G 7.102G 7.104G 7.106G 7.108G 7.11G 7.112G 7.114G 7.116G 7.118G 7.12G 7.122G 7.124G 7.126G 7.128G 7.13G
EIRP PSD (dBm)
-0.66

EIRP PSD;Band:6.2G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6125MHz;TnomVnom

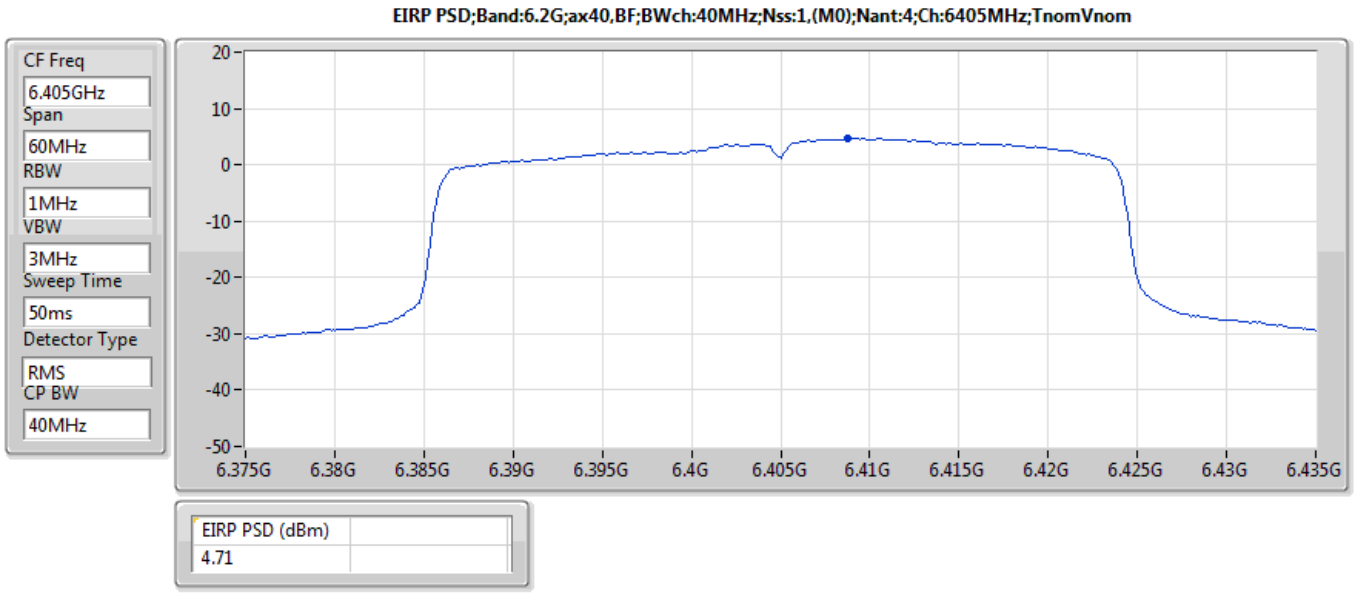


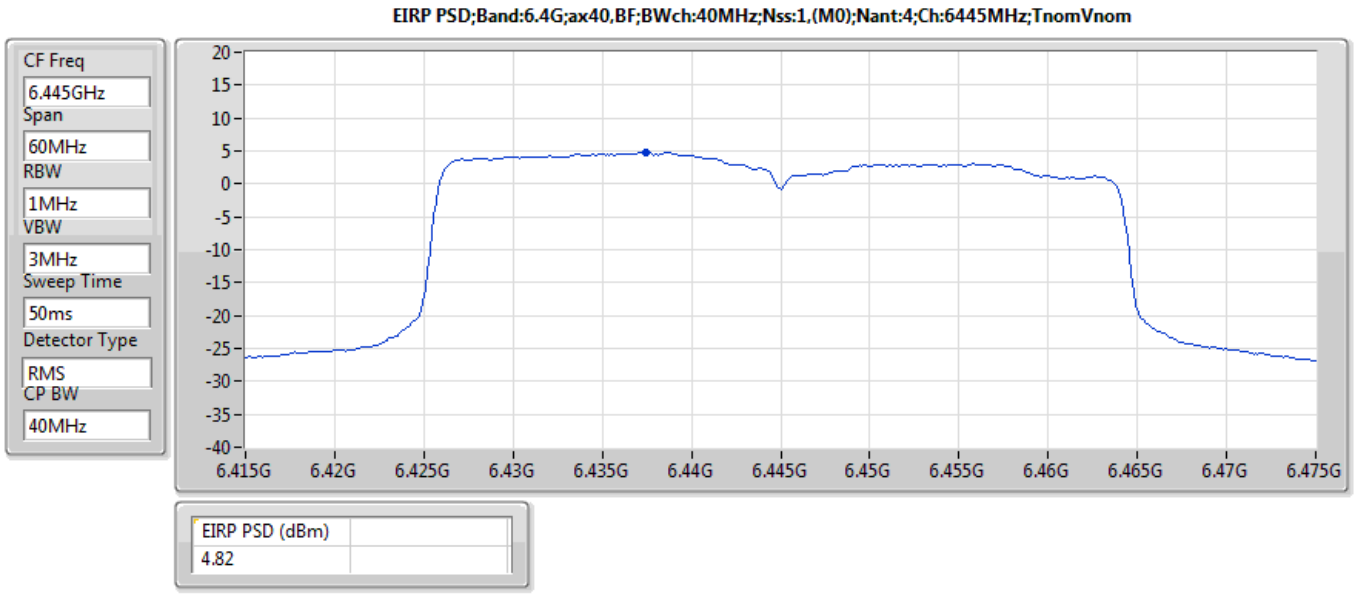
EIRP PSD (dBm)
4.94

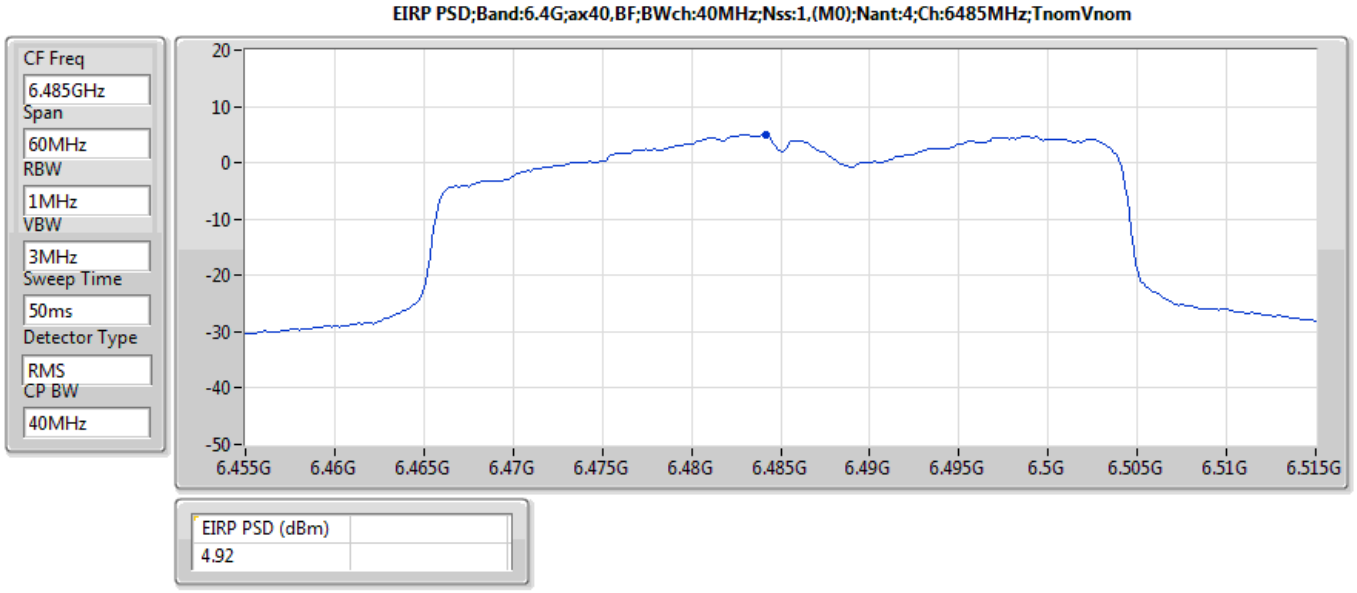
EIRP PSD;Band:6.2G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6245MHz;TnomVnom

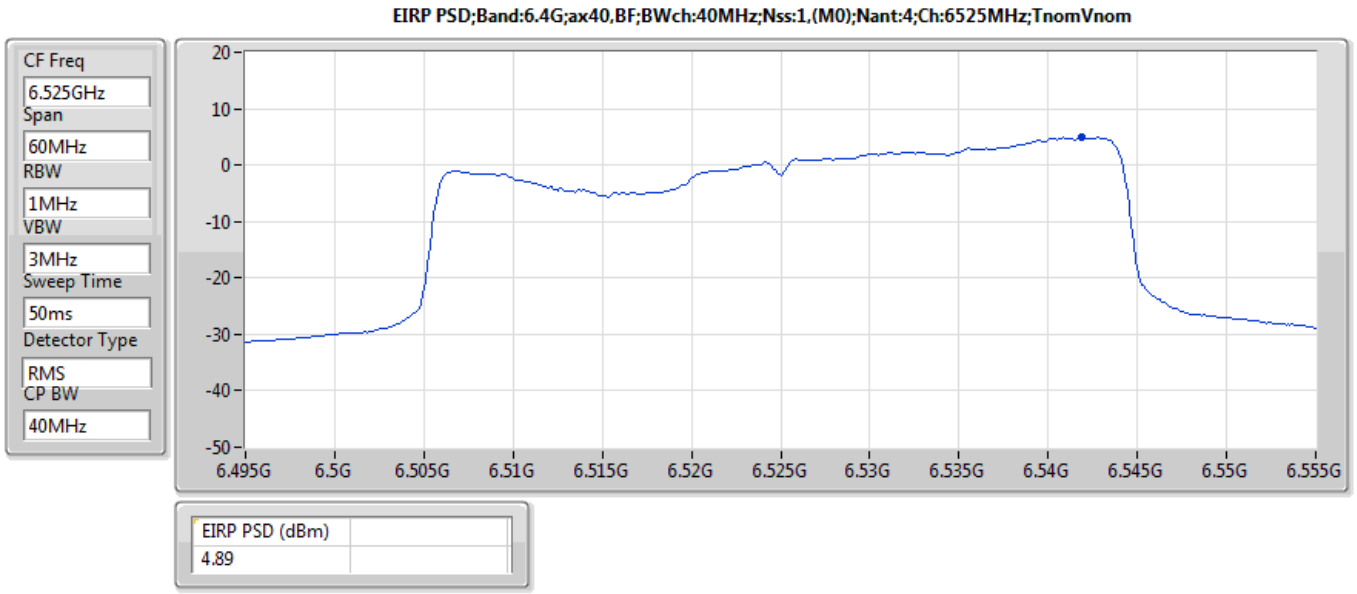


EIRP PSD (dBm)
4.87

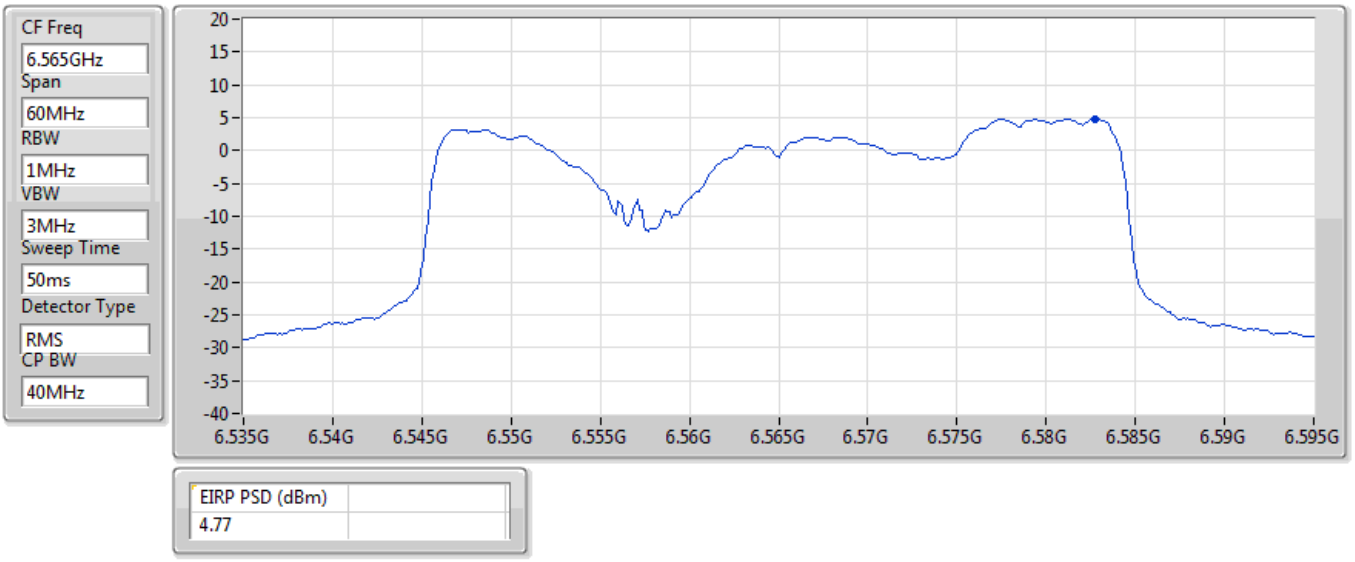

EIRP PSD;Band:6.2G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6405MHz;TnomVnom
CF Freq
6.405GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
6.375G
6.38G
6.385G
6.39G
6.395G
6.4G
6.405G
6.41G
6.415G
6.42G
6.425G
6.43G
6.435G
EIRP PSD (dBm)
4.71


EIRP PSD;Band:6.4G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6445MHz;TnomVnom
CF Freq
6.445GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.415G
6.42G
6.425G
6.43G
6.435G
6.44G
6.445G
6.45G
6.455G
6.46G
6.465G
6.47G
6.475G
EIRP PSD (dBm)
4.82

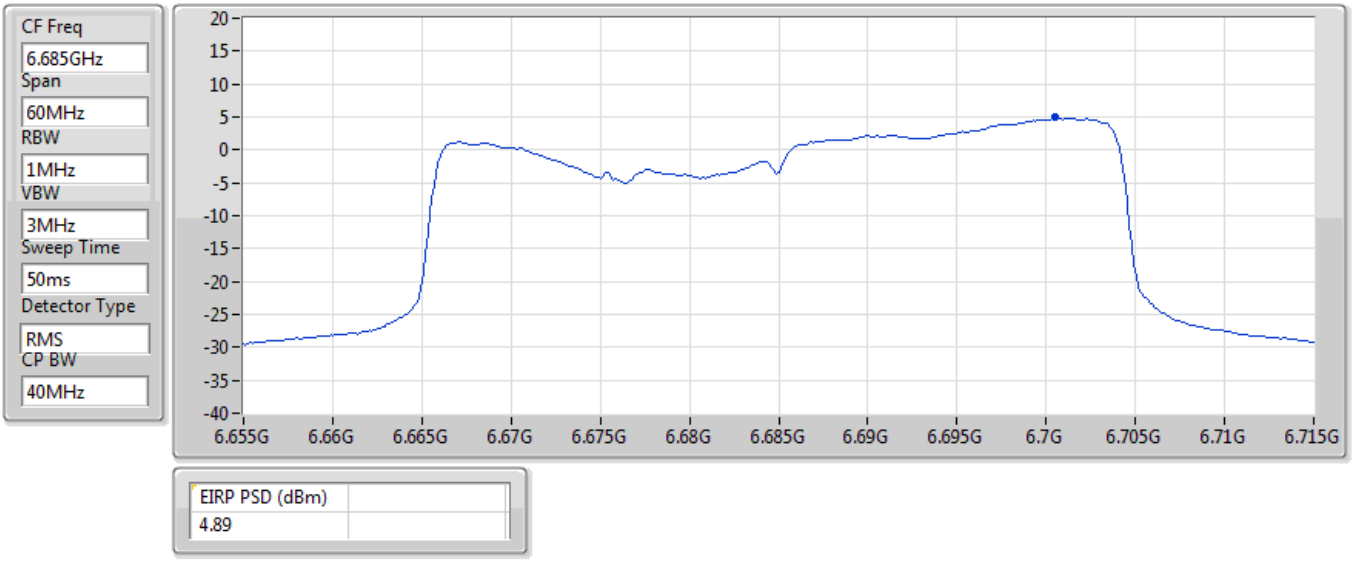

EIRP PSD;Band:6.4G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6485MHz;TnomVnom
CF Freq
6.485GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
6.455G
6.46G
6.465G
6.47G
6.475G
6.48G
6.485G
6.49G
6.495G
6.5G
6.505G
6.51G
6.515G
EIRP PSD (dBm)
4.92

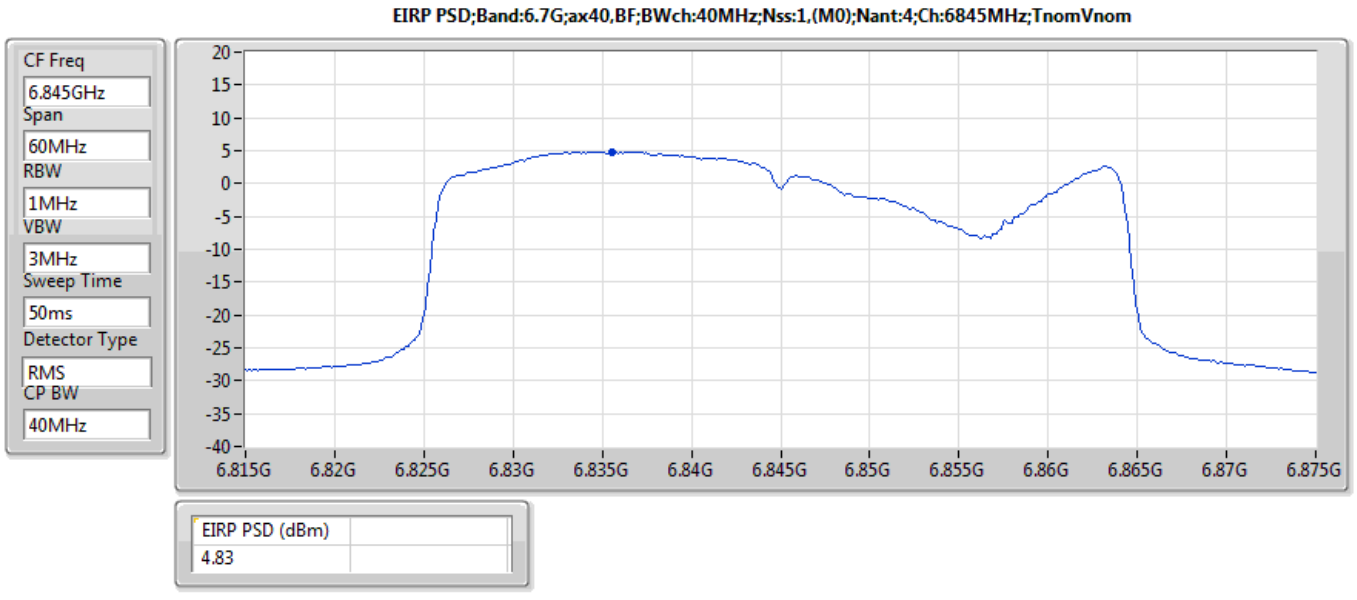

EIRP PSD;Band:6.4G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6525MHz;TnomVnom
CF Freq
6.525GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
6.495G
6.5G
6.505G
6.51G
6.515G
6.52G
6.525G
6.53G
6.535G
6.54G
6.545G
6.55G
6.555G
EIRP PSD (dBm)
4.89

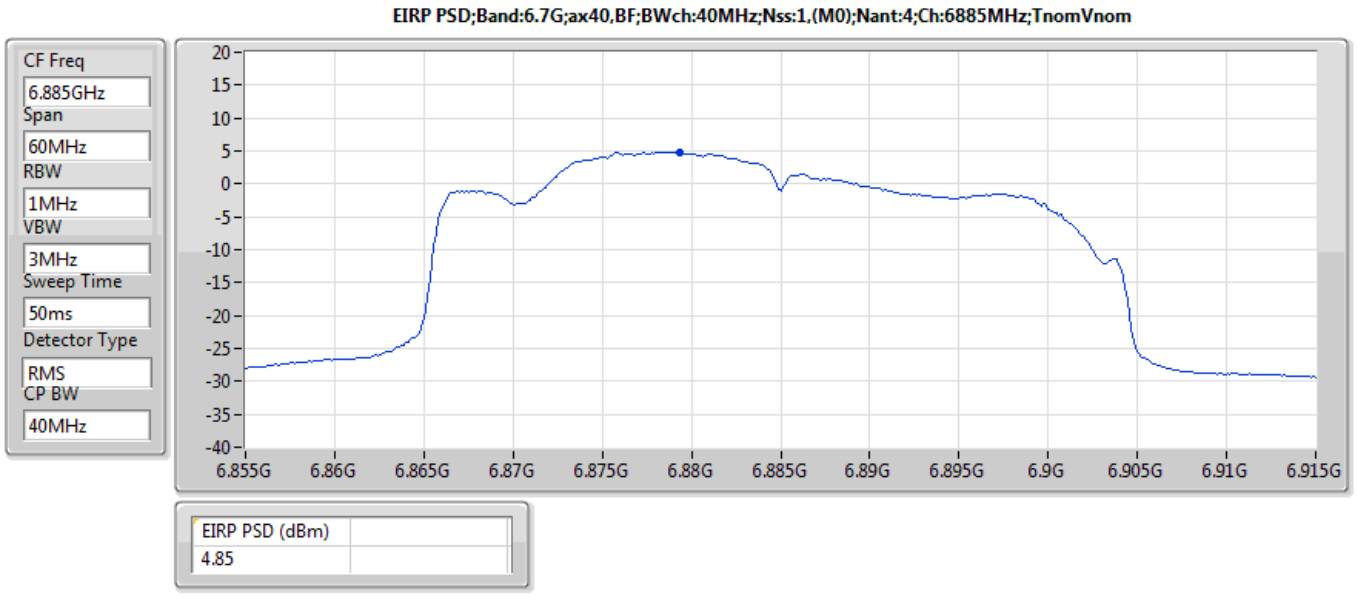
EIRP PSD;Band:6.7G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6565MHz;TnomVnom

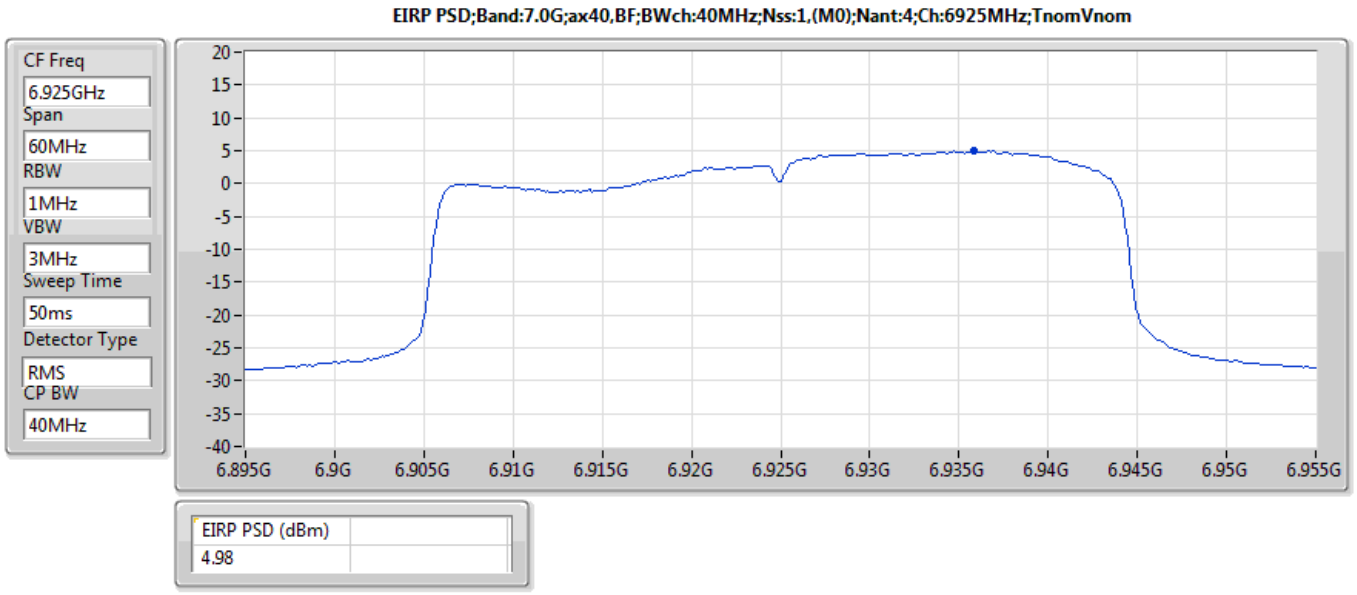


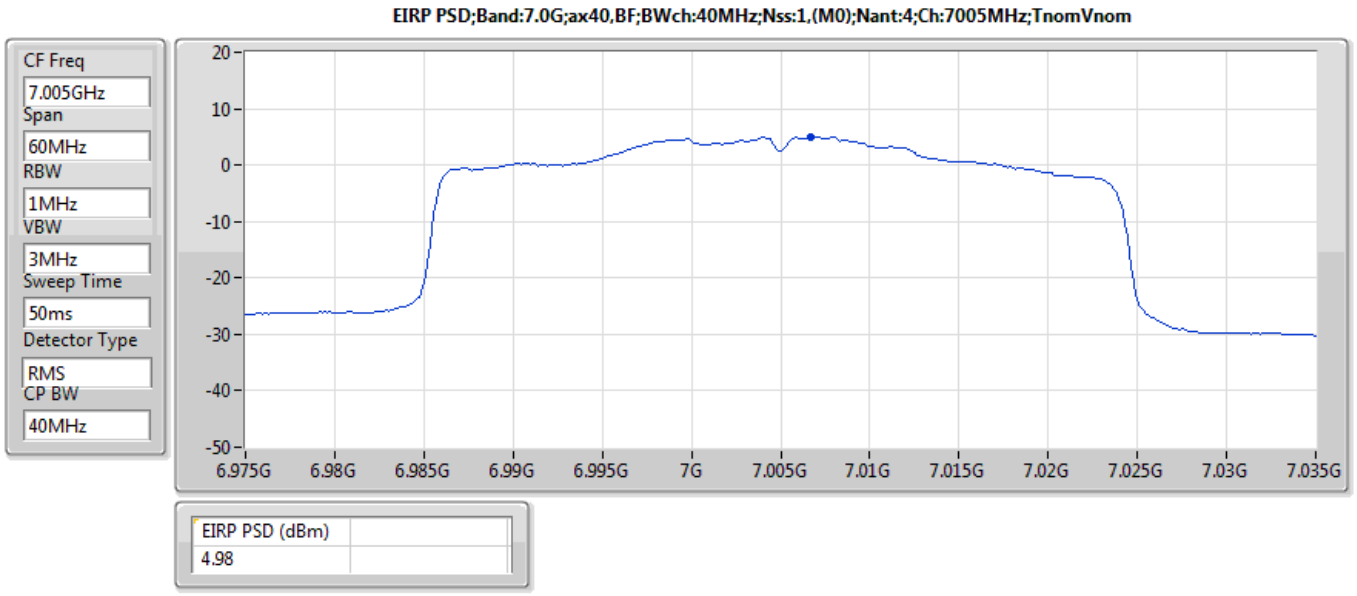
EIRP PSD;Band:6.7G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6685MHz;TnomVnom

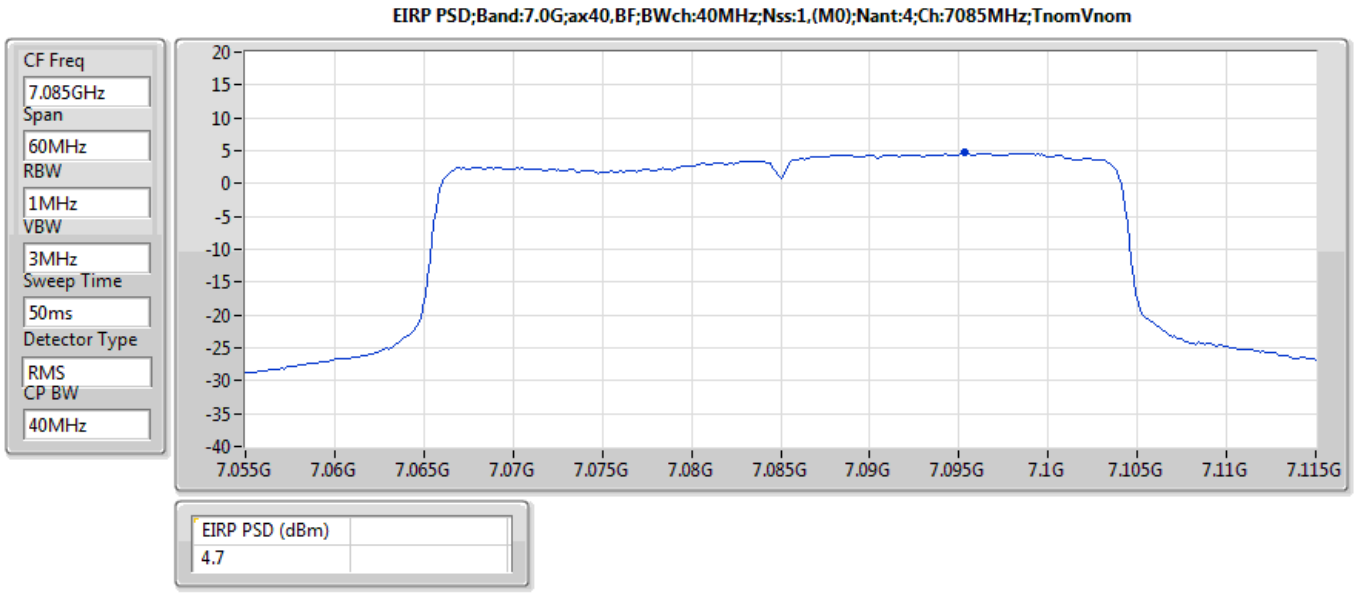


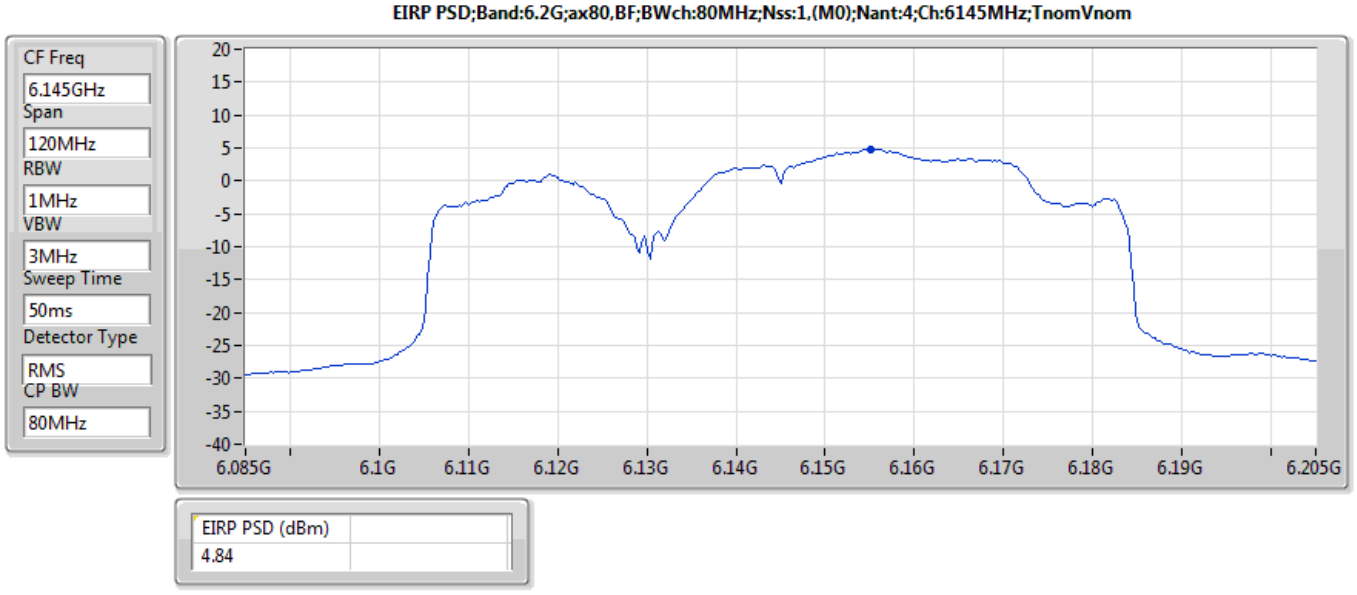

EIRP PSD;Band:6.7G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6845MHz;TnomVnom
CF Freq
6.845GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.815G
6.82G
6.825G
6.83G
6.835G
6.84G
6.845G
6.85G
6.855G
6.86G
6.865G
6.87G
6.875G
EIRP PSD (dBm)
4.83

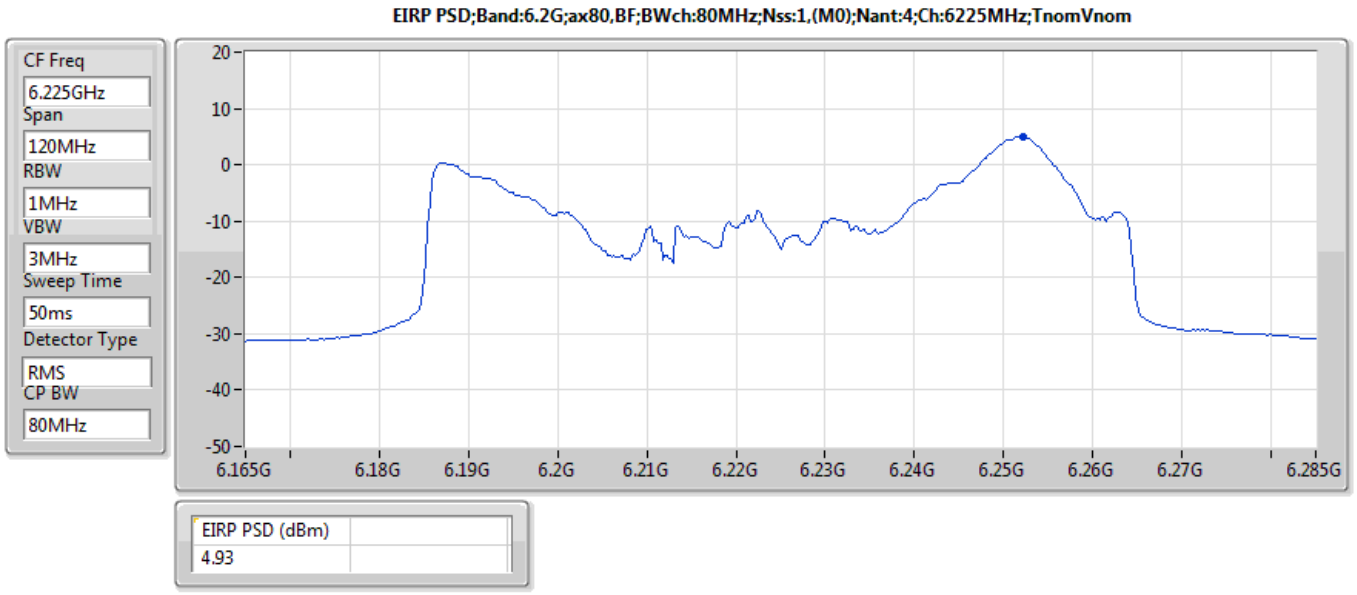

EIRP PSD;Band:6.7G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6885MHz;TnomVnom
CF Freq
6.885GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.855G
6.86G
6.865G
6.87G
6.875G
6.88G
6.885G
6.89G
6.895G
6.9G
6.905G
6.91G
6.915G
EIRP PSD (dBm)
4.85

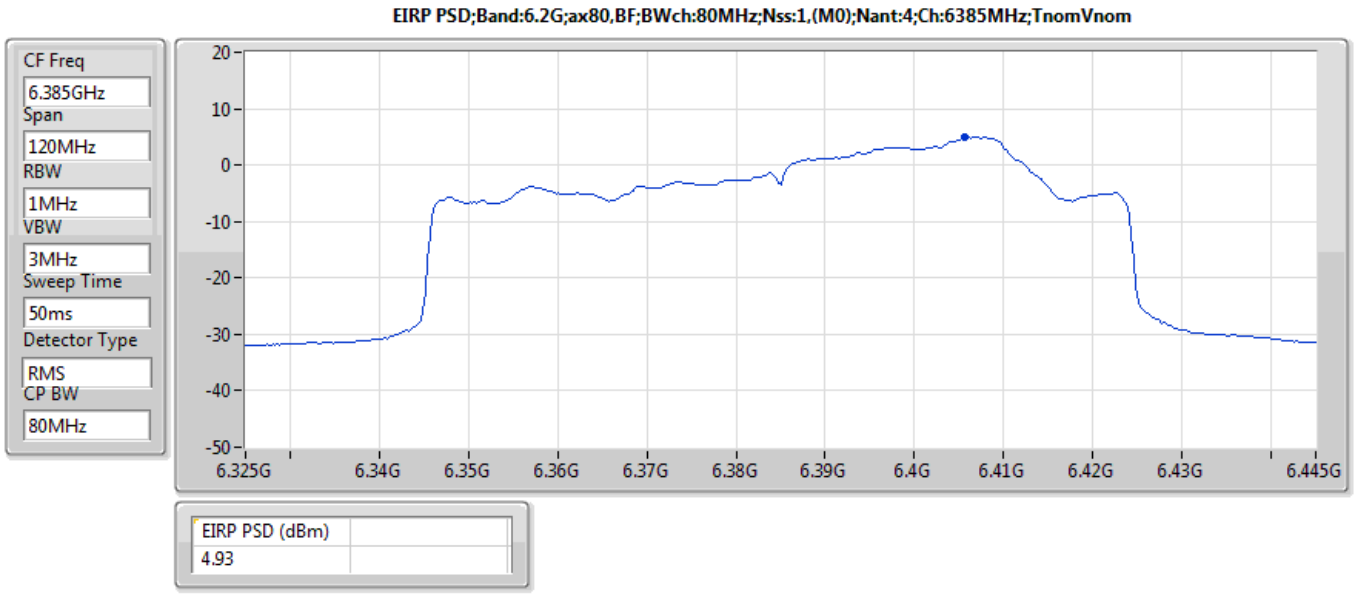

EIRP PSD;Band:7.0G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6925MHz;TnomVnom
CF Freq
6.925GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.895G
6.9G
6.905G
6.91G
6.915G
6.92G
6.925G
6.93G
6.935G
6.94G
6.945G
6.95G
6.955G
EIRP PSD (dBm)
4.98

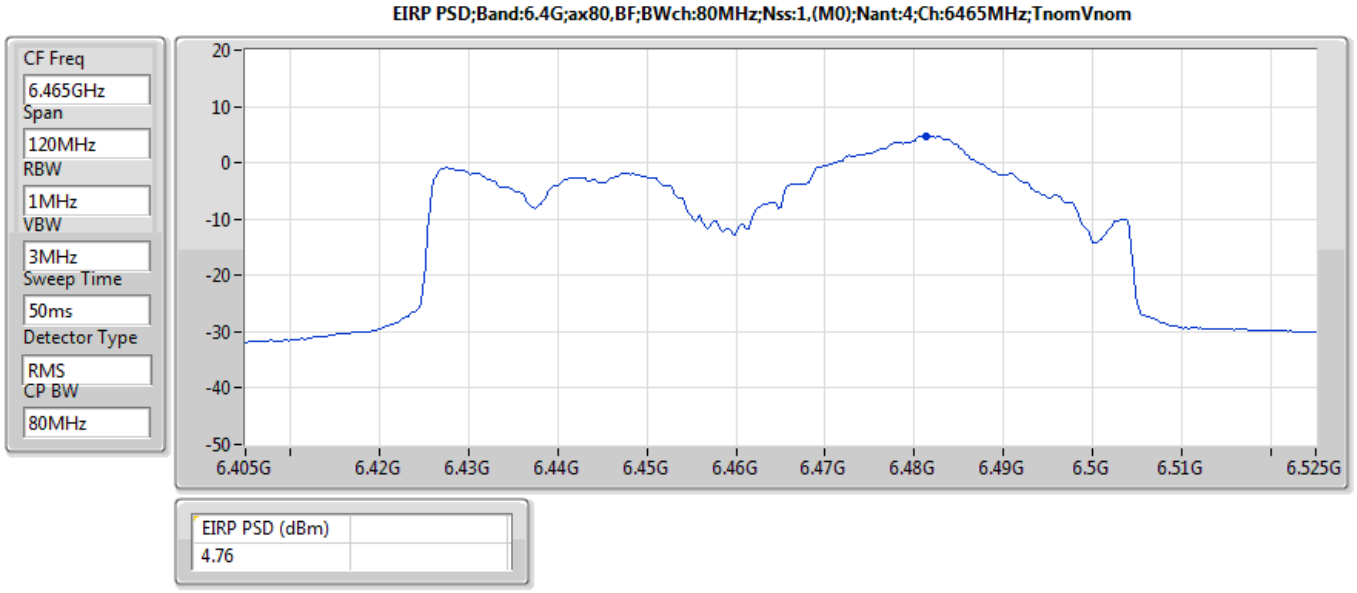

EIRP PSD;Band:7.0G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7005MHz;TnomVnom
CF Freq
7.005GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
10
0
-10
-20
-30
-40
-50
6.975G
6.98G
6.985G
6.99G
6.995G
7G
7.005G
7.01G
7.015G
7.02G
7.025G
7.03G
7.035G
EIRP PSD (dBm)
4.98

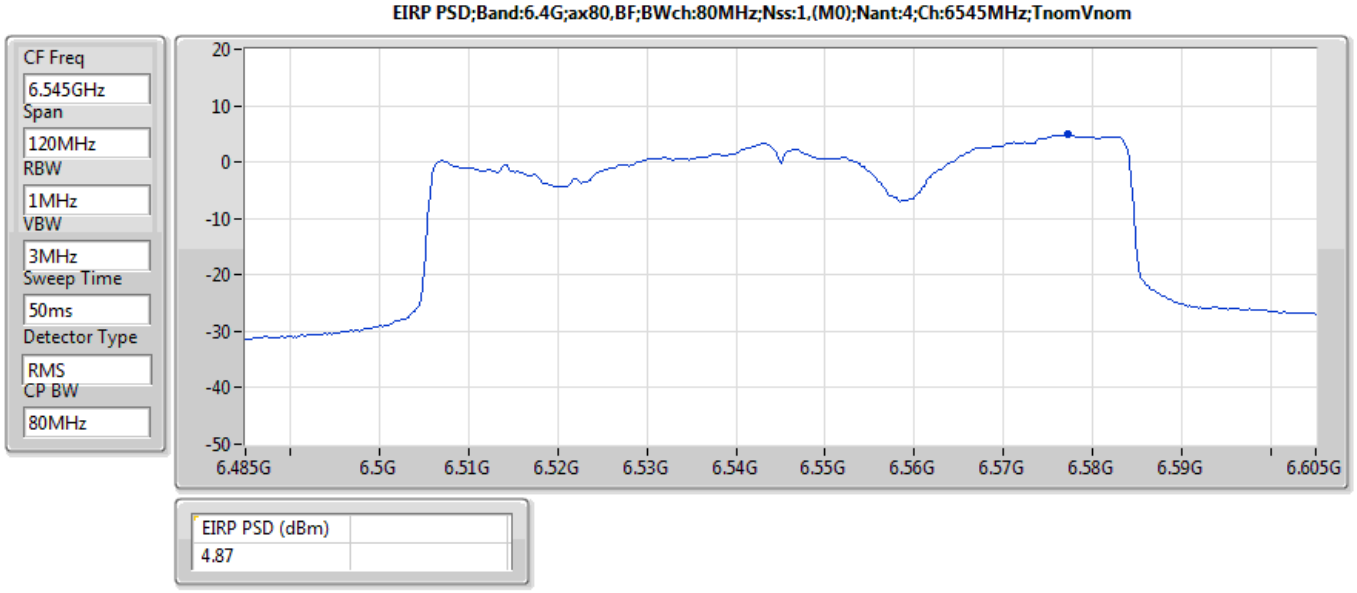

EIRP PSD;Band:7.0G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7085MHz;TnomVnom
CF Freq
7.085GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
40MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
7.055G
7.06G
7.065G
7.07G
7.075G
7.08G
7.085G
7.09G
7.095G
7.1G
7.105G
7.11G
7.115G
EIRP PSD (dBm)
4.7


EIRP PSD;Band:6.2G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6145MHz;TnomVnom
CF Freq
6.145GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
6.085G
6.1G
6.11G
6.12G
6.13G
6.14G
6.15G
6.16G
6.17G
6.18G
6.19G
6.205G
EIRP PSD (dBm)
4.84


EIRP PSD;Band:6.2G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6225MHz;TnomVnom
CF Freq
6.225GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
10
0
-10
-20
-30
-40
-50
6.165G
6.18G
6.19G
6.2G
6.21G
6.22G
6.23G
6.24G
6.25G
6.26G
6.27G
6.285G
EIRP PSD (dBm)
4.93


EIRP PSD;Band:6.2G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6385MHz;TnomVnom
CF Freq
6.385GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
10
0
-10
-20
-30
-40
-50
6.325G
6.34G
6.35G
6.36G
6.37G
6.38G
6.39G
6.4G
6.41G
6.42G
6.43G
6.445G
EIRP PSD (dBm)
4.93


EIRP PSD;Band:6.4G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6465MHz;TnomVnom
CF Freq
6.465GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
10
0
-10
-20
-30
-40
-50
6.405G
6.42G
6.43G
6.44G
6.45G
6.46G
6.47G
6.48G
6.49G
6.5G
6.51G
6.525G
EIRP PSD (dBm)
4.76


EIRP PSD;Band:6.4G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6545MHz;TnomVnom
CF Freq
6.545GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
50ms
Detector Type
RMS
CP BW
80MHz
20
10
0
-10
-20
-30
-40
-50
6.485G
6.5G
6.51G
6.52G
6.53G
6.54G
6.55G
6.56G
6.57G
6.58G
6.59G
6.605G
EIRP PSD (dBm)
4.87