

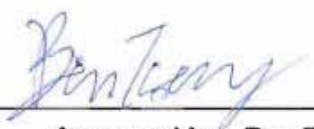


FCC RADIO TEST REPORT

FCC ID : H8NMAX2V1K
Equipment : WiFi 6E MDU Router
Model Name : MAX2V1K
Applicant : ASKEY COMPUTER CORPORATION
10F, No.119, Jiankang Rd., Zhonghe Dist., New
Taipei City, Taiwan
Manufacturer : ASKEY COMPUTER CORPORATION
10F, No.119, Jiankang Rd., Zhonghe Dist., New
Taipei City, Taiwan
Standard : 47 CFR FCC Part 15.407

The product was received on Mar. 09, 2023, and testing was started from Mar. 27, 2023 and completed on Apr. 12, 2023. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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


Approved by: Ben Tesng

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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History of this test report

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: HE1-D1-1 Ver2.4
FCC ID: H8NMAX2V1K

Page Number : 3 of 37
Issued Date : Jul. 28, 2023
Report Version : 02



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	-

Declaration of Conformity:

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

Comments and Explanations:

None

Reviewed by: Ryan Hsiao

Report Producer: Amber Chiu



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]

Non-Beamforming

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11ax HEW20	20	4TX
6.425-6.525GHz	802.11ax HEW20	20	4TX
6.525-6.875GHz	802.11ax HEW20	20	4TX
6.875-7.125GHz	802.11ax HEW20	20	4TX
5.925-6.425GHz	802.11ax HEW40	40	4TX
6.425-6.525GHz	802.11ax HEW40	40	4TX
6.525-6.875GHz	802.11ax HEW40	40	4TX
6.875-7.125GHz	802.11ax HEW40	40	4TX
5.925-6.425GHz	802.11ax HEW80	80	4TX
6.425-6.525GHz	802.11ax HEW80	80	4TX
6.525-6.875GHz	802.11ax HEW80	80	4TX
6.875-7.125GHz	802.11ax HEW80	80	4TX
5.925-6.425GHz	802.11ax HEW160	160	4TX
6.425-6.525GHz	802.11ax HEW160	160	4TX
6.525-6.875GHz	802.11ax HEW160	160	4TX
6.875-7.125GHz	802.11ax HEW160	160	4TX

**Beamforming**

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11ax HEW20-BF	20	4TX
6.425-6.525GHz	802.11ax HEW20-BF	20	4TX
6.525-6.875GHz	802.11ax HEW20-BF	20	4TX
6.875-7.125GHz	802.11ax HEW20-BF	20	4TX
5.925-6.425GHz	802.11ax HEW40-BF	40	4TX
6.425-6.525GHz	802.11ax HEW40-BF	40	4TX
6.525-6.875GHz	802.11ax HEW40-BF	40	4TX
6.875-7.125GHz	802.11ax HEW40-BF	40	4TX
5.925-6.425GHz	802.11ax HEW80-BF	80	4TX
6.425-6.525GHz	802.11ax HEW80-BF	80	4TX
6.525-6.875GHz	802.11ax HEW80-BF	80	4TX
6.875-7.125GHz	802.11ax HEW80-BF	80	4TX
5.925-6.425GHz	802.11ax HEW160-BF	160	4TX
6.425-6.525GHz	802.11ax HEW160-BF	160	4TX
6.525-6.875GHz	802.11ax HEW160-BF	160	4TX
6.875-7.125GHz	802.11ax HEW160-BF	160	4TX

Note:

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

**1.1.2 Antenna Information**

Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	adant	STAR4245	PIFA-Like	I-PEX	2.4G
2	adant	STAR4245	PIFA-Like	I-PEX	2.4G
3	adant	STAR4245	PIFA-Like	I-PEX	2.4G
4	adant	STAR4245	PIFA-Like	I-PEX	2.4G
5	adant	STAR4245	PIFA-Like	I-PEX	5G
6	adant	STAR4245	PIFA-Like	I-PEX	5G
7	adant	STAR4245	PIFA-Like	I-PEX	5G
8	adant	STAR4245	PIFA-Like	I-PEX	5G
9	Galtronics	02102475-07795-1	PCB	I-PEX	6G
10	Galtronics	02102475-07795-2	PCB	I-PEX	6G
11	Galtronics	02102475-07795-3	PCB	I-PEX	6G
12	Galtronics	02102475-07795-4	PCB	I-PEX	6G
13	Galtronics	02102073-07795-1	PCB	I-PEX	BT+Thread
14	Galtronics	02102073-07795-2	PCB	I-PEX	Thread

Ant.	Port	Gain (dBi)							
		2.4G	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3	U-NII-4	BT	Thread
1	1	4.7	-	-	-	-	-	-	-
2	2	5.8	-	-	-	-	-	-	-
3	3	5.5	-	-	-	-	-	-	-
4	4	4.8	-	-	-	-	-	-	-
5	1	-	5.5	5.5	5.3	4.9	4.9	-	-
6	2	-	5.8	5.8	5.9	5.5	5.5	-	-
7	3	-	5.8	5.8	5.9	5.7	5.7	-	-
8	4	-	5.6	5.6	5.0	5.4	5.4	-	-
Ant.	Port	-	-	U-NII-5	U-NII-6	U-NII-7	U-NII-8		
9	1	-	-	5.555	5.539	5.259	4.785	-	-
10	2	-	-	4.931	4.494	3.604	4.123	-	-
11	3	-	-	5.382	5.247	4.903	4.711	-	-
12	4	-	-	3.534	3.451	4.063	4.325	-	-
13	1	-	-	-	-	-	-	3.355	3.355
14	2	-	-	-	-	-	-	-	4.950

Note 1: The EUT has fourteen antennas.

**For 2.4GHz function:**

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

Ant. 1 (port 1), Ant. 2 (port 2), Ant. 3 (port 3) and Ant. 4 (port 4) could transmit/receive simultaneously.

For 5GHz function:

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

Ant. 5 (port 1), Ant. 6 (port 2), Ant. 7 (port 3) and Ant. 8 (port 4) could transmit/receive simultaneously.

For 6GHz function:

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

Ant. 9 (port 1), Ant. 10 (port 2), Ant. 11 (port 3) and Ant. 12 (port 4) could transmit/receive simultaneously.

For BT function:

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

Ant. 13 (port 1) could transmit/receive simultaneously.

For Thread function:

For IEEE 802.15.4 Thread mode (2TX/2RX)

Ant. 13 (port 1) and Ant. 14 (port 2) could transmit/receive simultaneously.

Note 2: Directional gain information

	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{IS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{IS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{IS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$



1.1.3 EUT Information

Operational Condition			
EUT Power Type	From PoE		
EUT Function	☒	Indoor Access Point	☐ Subordinate
	☐	Indoor Client	☐ Standard Power Access Point
	☐	Dual Client	☐ Standard Client
	☐	Fixed Client	
Beamforming Function	☒	With beamforming	☐ Without beamforming
Resource Unit(802.11ax)	☒	Full RU	☐ Partial RU
Channel Puncturing	☐	Support	☒ Not Support
Software / Firmware Version for CBP		5.4.164 #0 SMP PREEMPT Sun Mar 5 07:01:22 2023 aarch64 GNU/Linux	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.: ...		
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
☐	Other:		

Note: The above information was declared by manufacturer.

1.1.4 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW160_Nss1,(MCS0)_4TX	0.819	0.87	5.452m	300
802.11ax HEW20_Nss1,(MCS0)_4TX	0.802	0.96	5.452m	300
802.11ax HEW40_Nss1,(MCS0)_4TX	0.798	0.98	5.452m	300
802.11ax HEW80_Nss1,(MCS0)_4TX	0.818	0.87	5.452m	300

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

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW160-BF	0.441	3.56	913.125u	3k
802.11ax HEW20-BF	0.966	0.15	3.987m	300
802.11ax HEW40-BF	0.967	0.15	3.951m	300
802.11ax HEW80-BF	0.748	1.26	3.955m	300

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



1.2 Applicable Standards

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

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

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

- ♦ KDB 987594 D01 v01r02
- ♦ KDB 987594 D02 v01r01
- ♦ KDB 662911 D01 v02r01
- ♦ KDB 412172 D01 v01r01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Edward Wang	22.6~23.4℃ / 54.7~56.3%	03/Apr/2023
RF Conducted	TH07-HY	Xie Xun	23.9~24.8℃ / 52~58%	10/Apr/2023~12/Apr/2023
Contention-Based Protocol	DFS01-HY	John Yang	21.8~23.5℃ / 54~59%	30/Mar/2023~31/Mar/2023
☒ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH09-HY	Lego Lin	20.5~23.0℃ / 54~ 60%	27/Mar/2023~12/Apr/2023
Radiated (Co-location)	03CH09-HY	Henry Ho	22.2~23.4℃ / 50~52%	07/Apr/2023



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Emission Bandwidth	1.5 MHz	Confidence levels of 95%
Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	1.2 dB	Confidence levels of 95%
Peak Power Spectral Density (E.I.R.P.)	1.2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Contention-Based Protocol	1 ms	Confidence levels of 95%
Frequency Stability	1.18 ppm	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	qdart_conn.win.1.0_installer_00097.1
-----------------------	--------------------------------------

Non-Beamforming

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_4TX	-
6115MHz	9
6275MHz	10.5
6415MHz	8
6435MHz	8.5
6475MHz	8.5
6515MHz	8.5
6535MHz	9
6695MHz	8.5
6875MHz	9
6895MHz	8.5
6995MHz	8.5
7095MHz	9
7115MHz	10
802.11ax HEW40_Nss1,(MCS0)_4TX	-
6125MHz	13
6285MHz	13
6405MHz	11
6445MHz	11.5
6485MHz	12
6525MHz	11
6565MHz	11.5
6685MHz	11.5
6885MHz	11.5
6925MHz	11.5
7005MHz	12
7085MHz	11.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-
6145MHz	15.5



Mode	Power Setting
6305MHz	15
6385MHz	14
6465MHz	14.5
6545MHz	15
6625MHz	14.5
6705MHz	14.5
6785MHz	15
6865MHz	15
6945MHz	14.5
7025MHz	14.5
802.11ax HEW160_Nss1,(MCS0)_4TX	-
6185MHz	17
6345MHz	17
6505MHz	17.5
6665MHz	17.5
6825MHz	17.5
6985MHz	17.5

Beamforming

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
6115MHz	13.5
6275MHz	11.5
6415MHz	13.5
6435MHz	13
6475MHz	13
6515MHz	11.5
6535MHz	13.5
6695MHz	13.5
6875MHz	13.5
6895MHz	13.5
6995MHz	15.5
7095MHz	12
7115MHz	12
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
6125MHz	17



Mode	Power Setting
6285MHz	17.5
6405MHz	15.5
6445MHz	18
6485MHz	17.5
6525MHz	19.5
6565MHz	17.5
6685MHz	18
6885MHz	18.5
6925MHz	18.5
7005MHz	16.5
7085MHz	18
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
6145MHz	20
6305MHz	24
6385MHz	24
6465MHz	23
6545MHz	24
6625MHz	21
6705MHz	23
6785MHz	24
6865MHz	24
6945MHz	24
7025MHz	24
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
6185MHz	24
6345MHz	24
6505MHz	24
6665MHz	24
6825MHz	24
6985MHz	24

2.2 The Worst Case Measurement Configuration

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

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	CTX
1	2.4G+5G+6E+BT
2	2.4G+5G+6E+Thread
Refer to Sporton Test Report No.: FA330713 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	



2.3 Accessories

Accessories				
PoE	Brand Name	DELTA	Model Name	ADH-45AR N
	Power Rating	I/P: 100 - 240Vac, 1.5A, O/P: 56.0Vdc, 0.805A		

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

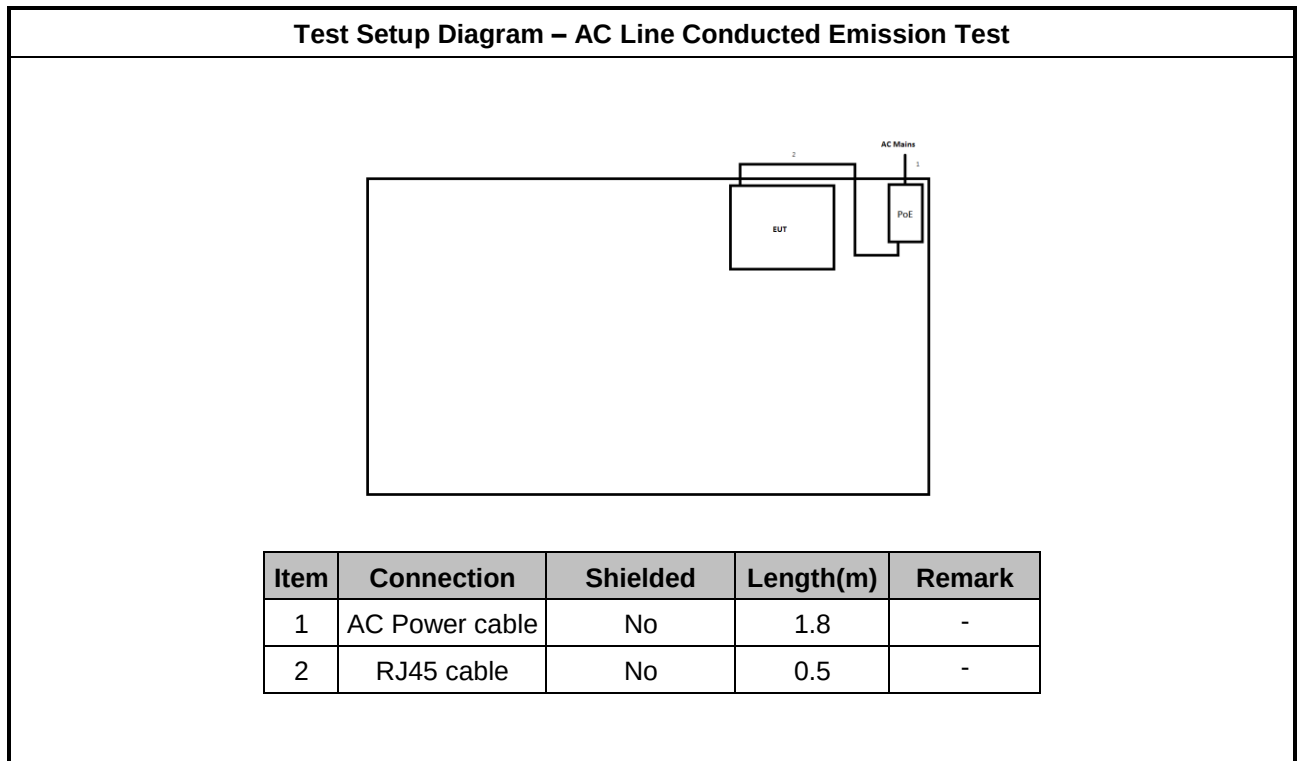
2.4 Support Equipment

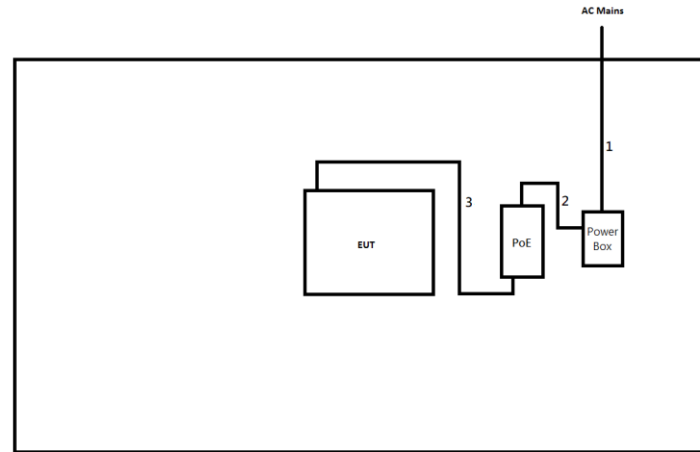
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 cable	Power sync	CAT-6E-10	-	-
2	AC Power cable	I-SHENG	AC CORD 600mm	-	-
3	RJ45 cable	Power sync	CAT-6E-10	-	-

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

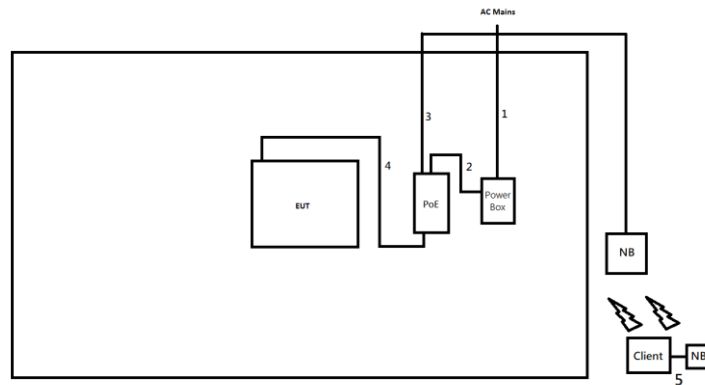
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 cable	Power sync	CAT-6E-10	-	-
2	AC Power cable	I-SHENG	AC CORD 600mm	-	-
3	RJ45 cable	Power sync	CAT-6E-10	-	-
4	Notebook for AP	Dell	P48F	-	Remote
5	Adapter for NB	HP	PPP012L-E	-	Remote
6	Clientfor BF	Askey	RT5031W-D187-RB-RoHS		Remote Provided by Customer
7	Adapter for Client	DELTA	ADH-36LW B	-	Remote Provided by Customer
8	RJ45 cable	Powersync	CAT-6E-10	-	Remote
9	RJ45 cable	Power sync	CAT-6E-10	-	Remote

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test (Non-Beamforming)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	1.8	-
3	RJ45 cable	No	0.5	-

Test Setup Diagram - Radiated Test (Beamforming)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	1.8	-
3	RJ45 cable	No	10.0	-
4	RJ45 cable	No	0.5	-
5	RJ45 cable	No	0.5	-



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

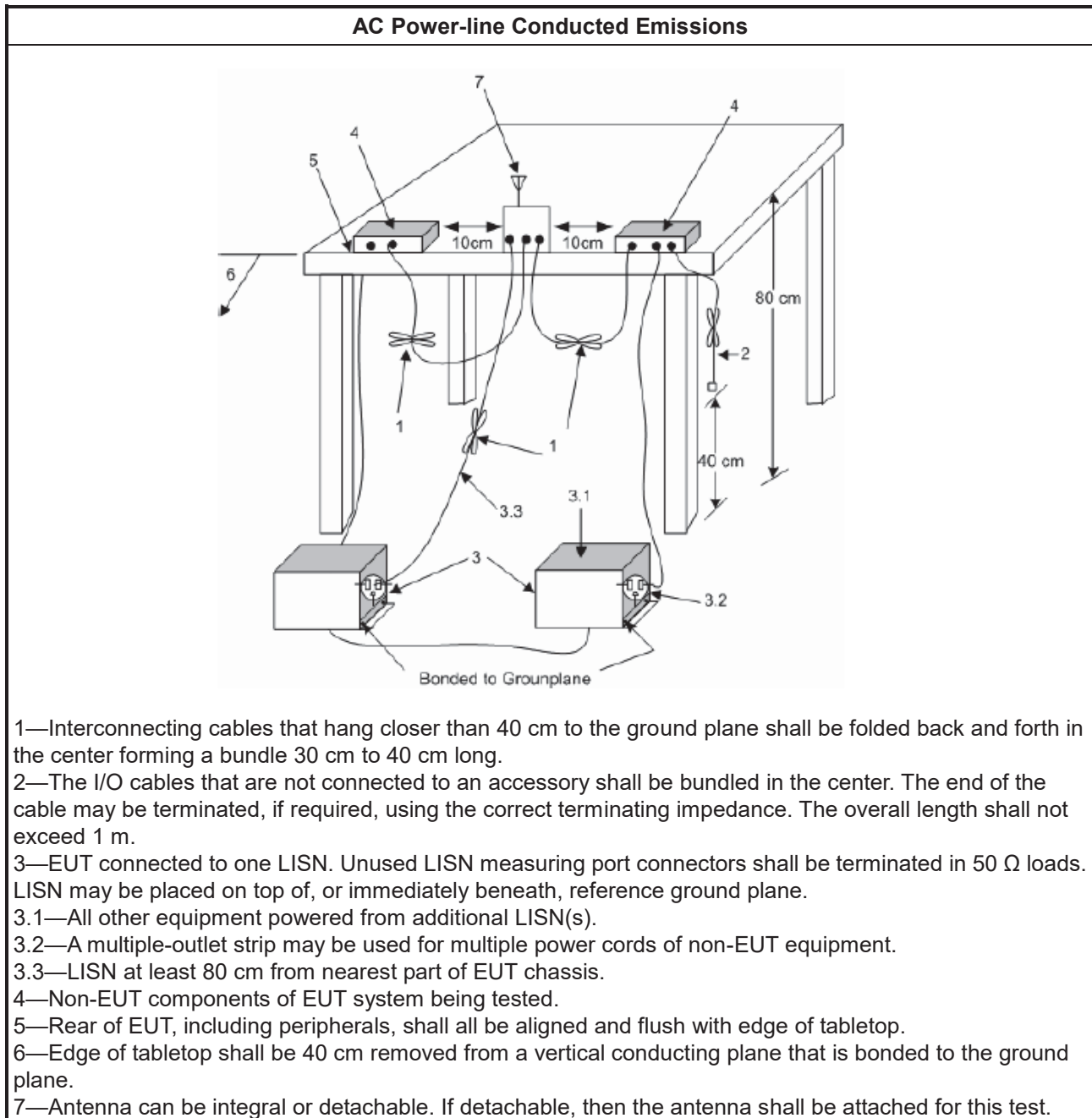
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	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

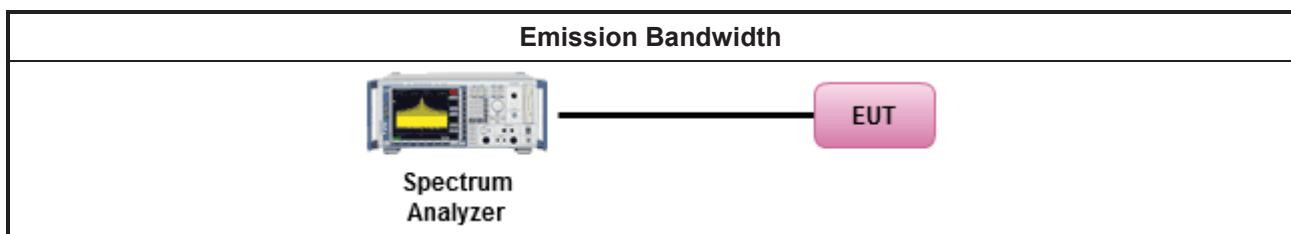
3.2.2 Measuring Instruments

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:	
☒	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



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

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

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



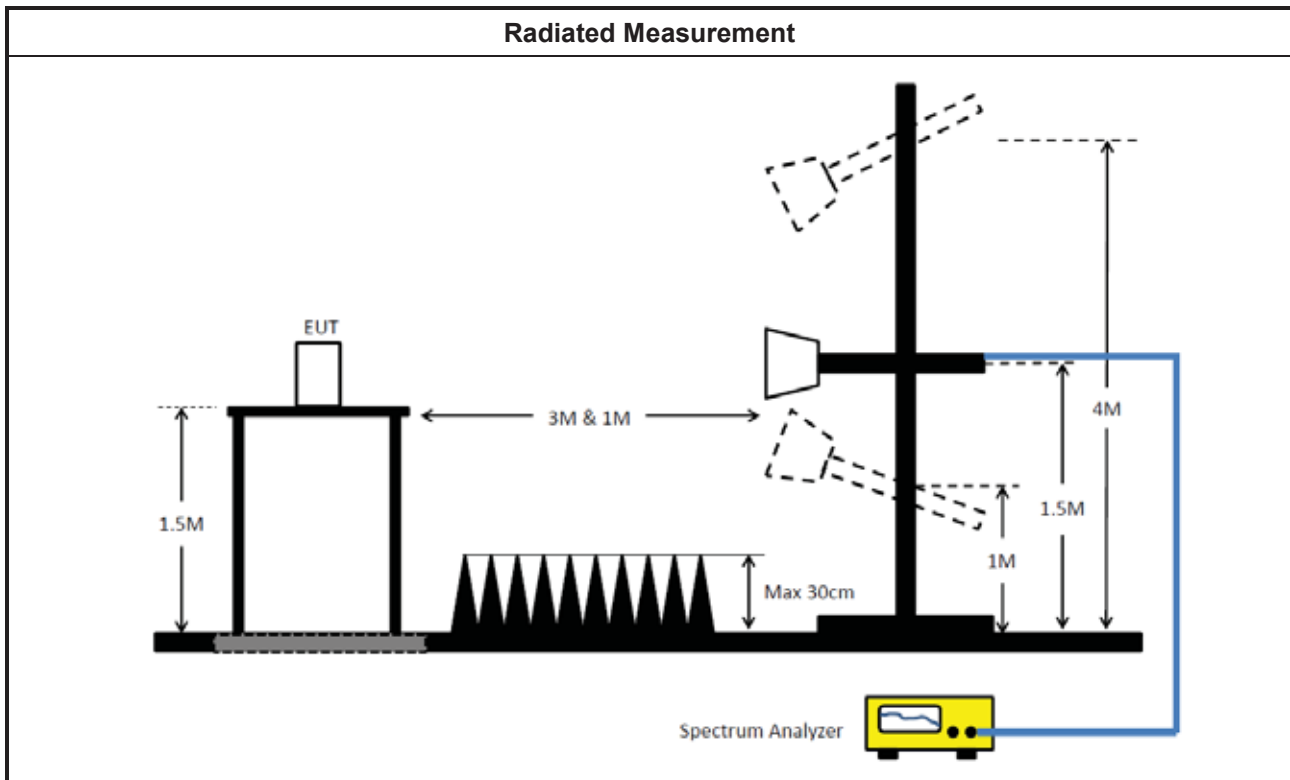
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪ Maximum Output Power Setting	
☐	Duty cycle $\geq 98\%$
	☐ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
	☒ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☐ Refer as FCC KDB 789033, 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: $P_{\text{total}} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$
☒ For radiated measurement.	
☒	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 789033, clause II A.1.F "Antenna-port Conducted versus Radiated Testing"
	▪ Refer as KDB 412172, clause 2.2 for EIRP calculation.

3.3.4 Test Setup



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

Refer as Appendix C



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

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

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

3.4.2 Measuring Instruments

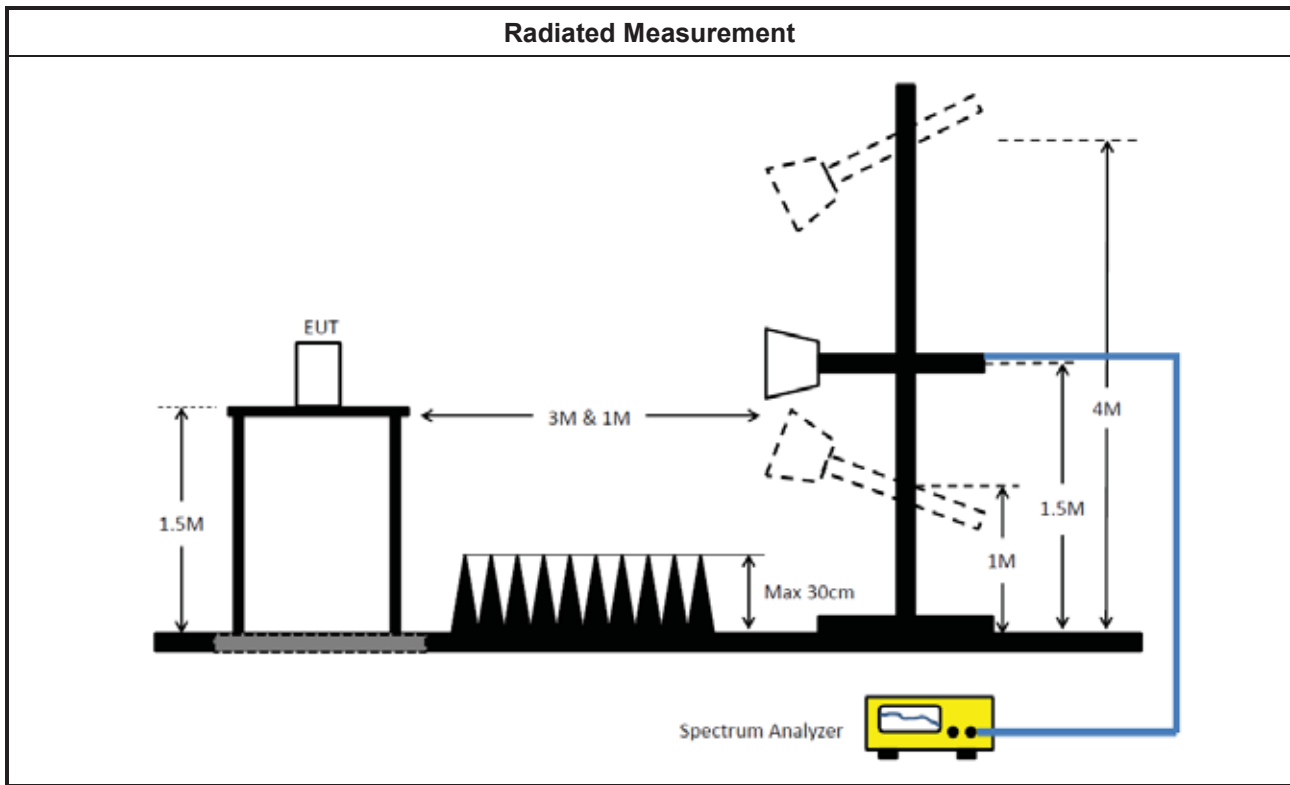
Refer a test equipment and calibration data table in this test report.



3.4.3 Test Procedures

Test Method	
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, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
☒	Refer as FCC KDB 789033, clause E Method SA-2. (spectral trace averaging)
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☐ For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☒	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☒	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	
☒ For radiated measurement.	
Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
Refer as KDB 789033, clause II A.1.F "Antenna-port Conducted versus Radiated Testing"	
Refer as KDB 412172, clause 2.2 for EIRP calculation.	

3.4.4 Test Setup



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

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

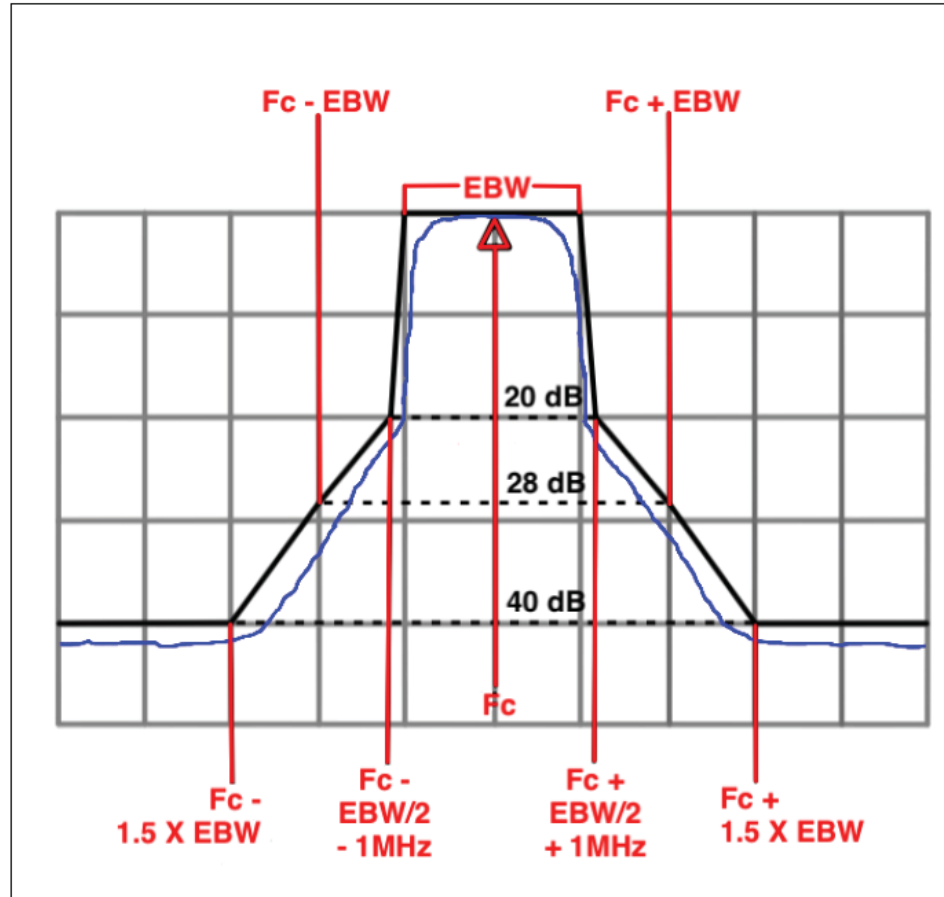
Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance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

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

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$).
EX. Above 18GHz emission limit calculation (3m to 1m) = 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($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$). EX. Above 18GHz emission limit calculation (3m to 1m) = 68.2dBuV/m at 3m + 9.54dB = 77.74 dBuV/m at 1m.
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	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
	☐ Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).
	☒ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.(For restricted band average measurement)
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033, 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, clause G)3)d)ii) for Band edge Integration measurements.
For emission MASK shall be measured using following options below:	
	☒ Refer as 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.	

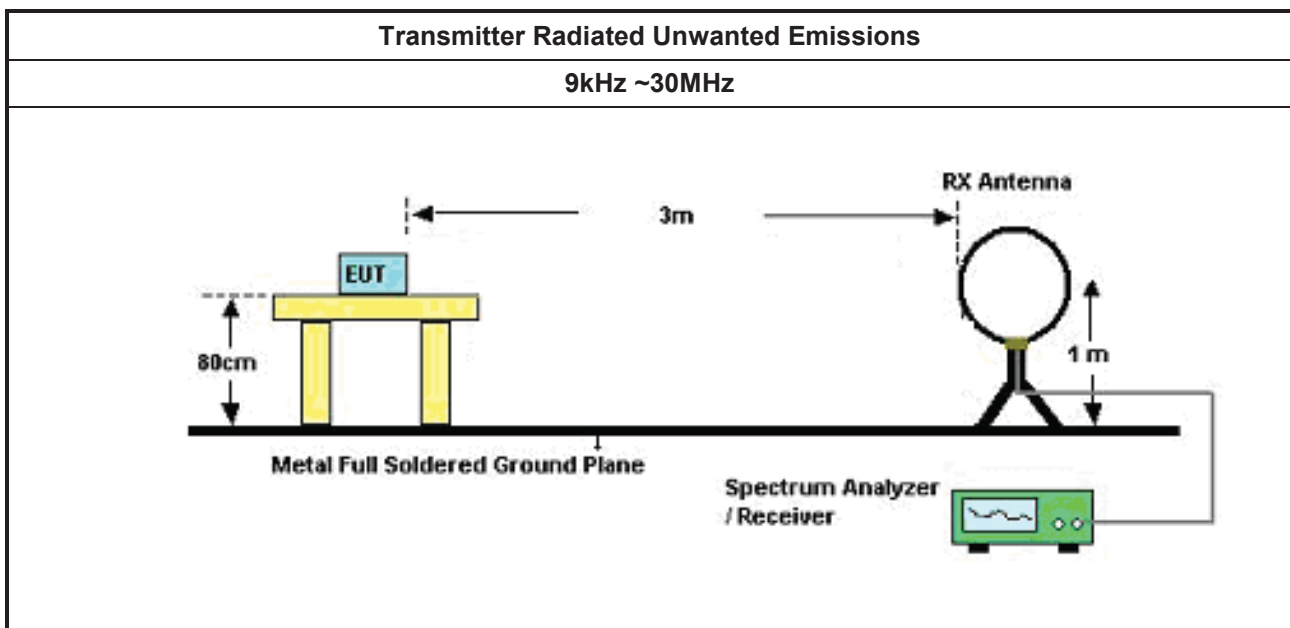
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

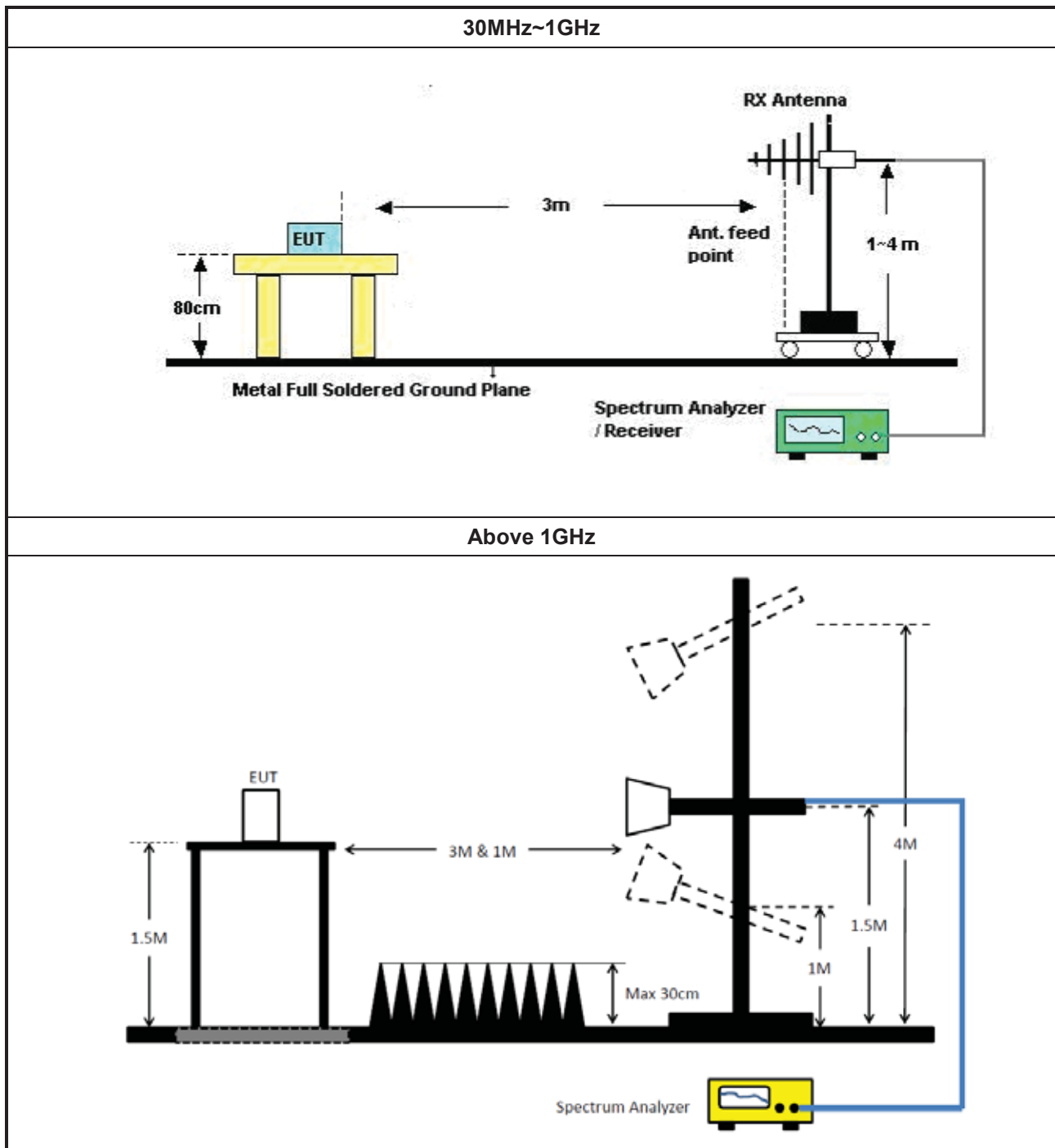
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

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.

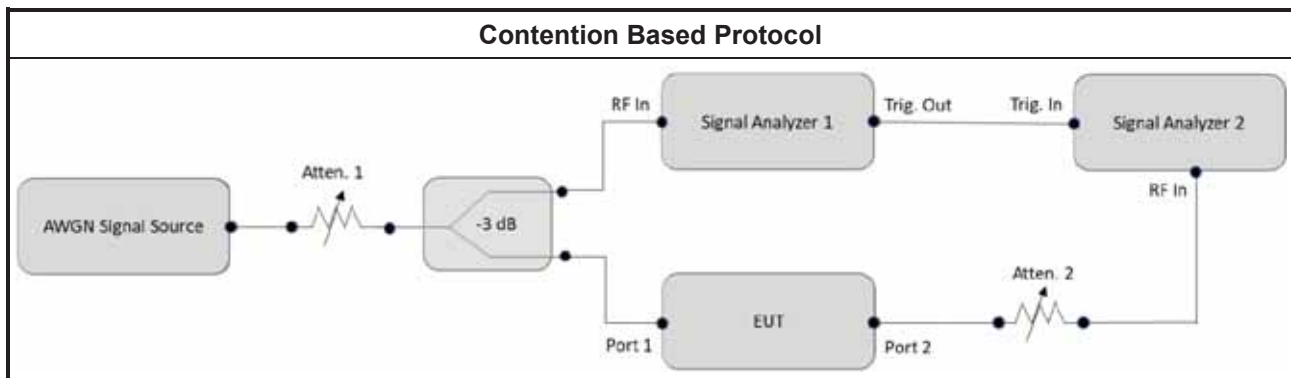
3.6.2 Measuring Instruments

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 KDB 987594 D02, I) Contention Based Protocol.

3.6.4 Test Setup



3.6.5 Test Result of Contention Based Protocol

Refer as Appendix F



3.7 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102051	9kHz ~ 3.6GHz	13/May/2022	12/May/2023
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	16/Feb/2023	15/Feb/2024
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	28/Feb/2023	27/Feb/2024
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	25/Oct/2022	24/Oct/2023
Software	Sporton	SENSE-EMI	V5.10.8.7	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	14/Feb/2023	13/Feb/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2022	20/Oct/2023
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	14/Dec/2022	13/Dec/2023
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	14/Dec/2022	13/Dec/2023
SENSE-15407_NII	Sporton	V5.11.3	N/A	N/A	N/A	N/A

**Instrument for Radiated Test**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	15/Mar/2023	14/Mar/2024
Site V.S.W.R	Riken	SAC-3M	03CH09-HY	1GHz~18GHz 3m	14/Mar/2023	13/Mar/2024
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2022	10/Aug/2023
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	08/Apr/2022	07/Apr/2023
Amplifier	EMCI	EMC9135	980232	9kHz~1GHz	07/Apr/2023	06/Apr/2024
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	22/Jul/2022	21/Jul/2023
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	28/Aug/2022	27/Aug/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	30/Dec/2022	29/Dec/2023
RF Cable-R03m	Jye Bao	RG142	03CH09-cable-01	9kHz~1GHz	21/Feb/2023	20/Feb/2024
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	21/Feb/2023	20/Feb/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	14/May/2022	13/May/2023
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	23/Mar/2023	22/Mar/2024
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	29/May/2022	28/May/2023
SENSE_15407_NII	Sporton	Sporton	V5.11	N/A	N/A	N/A

Instrument for Contention-Based Protocol Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSP30	100793	9 kHz ~ 30GHz	13/Jun/2022	12/Jun/2023
Signal Generator	Keysight	N5171B	MY53051240	9kHz~6GHz	24/Nov/2022	23/Nov/2023
Vector Signal Generator	Keysight	N5182B	MY53050081	9kHz~6GHz	17/May/2022	16/May/2023
DFS-Adaptivity	Sporton	Ver 2.7	N/A	N/A	N/A	N/A
Adaptivity Analysis-5G	Sporton	Ver 2.8	N/A	N/A	N/A	N/A

**Instrument for Radiated Test (Co-location)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Site V.S.W.R	Riken	SAC-3M	03CH09-HY	1GHz~18GHz 3m	14/Mar/2023	13/Mar/2024
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2022	10/Aug/2023
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	22/Jul/2022	21/Jul/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	30/Dec/2022	29/Dec/2023
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	21/Feb/2023	20/Feb/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	14/May/2022	13/May/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
SENSE-EMI	Sporton	Sporton	V5.11.3	N/A	N/A	N/A



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	328.019k	40.64	49.50	-8.86	Line



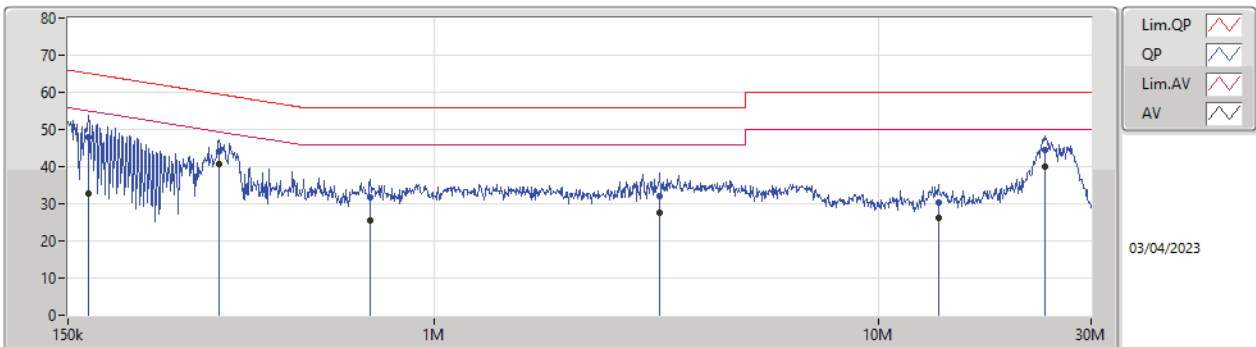
Conducted Emissions at Powerline_Non-Beamforming

Appendix A

Result

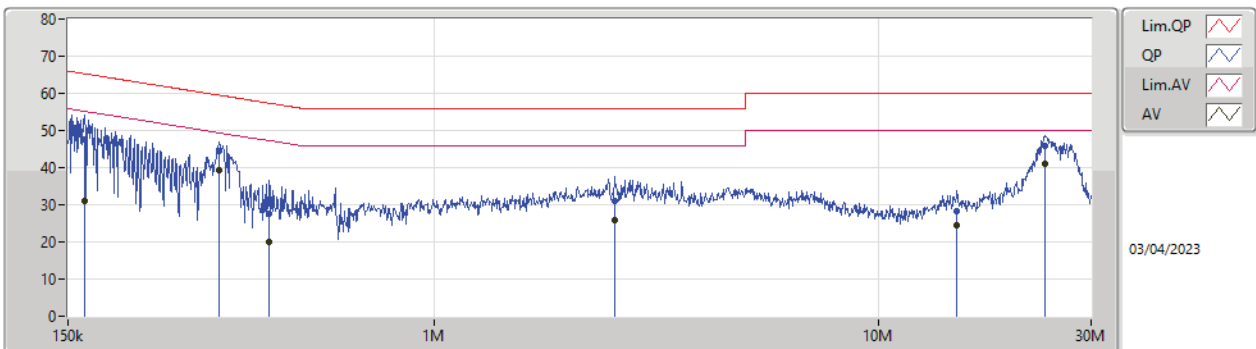
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	166.406k	47.90	65.14	-17.24	Line	-
Mode 1	Pass	AV	166.406k	32.76	55.14	-22.38	Line	-
Mode 1	Pass	QP	328.019k	44.10	59.50	-15.40	Line	-
Mode 1	Pass	AV	328.019k	40.64	49.50	-8.86	Line	-
Mode 1	Pass	QP	717.31k	31.67	56.00	-24.33	Line	-
Mode 1	Pass	AV	717.31k	25.52	46.00	-20.48	Line	-
Mode 1	Pass	QP	3.218M	31.92	56.00	-24.08	Line	-
Mode 1	Pass	AV	3.218M	27.47	46.00	-18.53	Line	-
Mode 1	Pass	QP	13.597M	30.25	60.00	-29.75	Line	-
Mode 1	Pass	AV	13.597M	26.24	50.00	-23.76	Line	-
Mode 1	Pass	QP	23.683M	44.58	60.00	-15.42	Line	-
Mode 1	Pass	AV	23.683M	40.04	50.00	-9.96	Line	-
Mode 1	Pass	QP	163.769k	47.59	65.27	-17.68	Neutral	-
Mode 1	Pass	AV	163.769k	31.06	55.27	-24.21	Neutral	-
Mode 1	Pass	QP	328.019k	44.45	59.50	-15.05	Neutral	-
Mode 1	Pass	AV	328.019k	39.48	49.50	-10.02	Neutral	-
Mode 1	Pass	QP	425.197k	27.64	57.34	-29.70	Neutral	-
Mode 1	Pass	AV	425.197k	19.95	47.34	-27.39	Neutral	-
Mode 1	Pass	QP	2.543M	30.99	56.00	-25.01	Neutral	-
Mode 1	Pass	AV	2.543M	25.96	46.00	-20.04	Neutral	-
Mode 1	Pass	QP	14.964M	28.14	60.00	-31.86	Neutral	-
Mode 1	Pass	AV	14.964M	24.32	50.00	-25.68	Neutral	-
Mode 1	Pass	QP	23.683M	45.69	60.00	-14.31	Neutral	-
Mode 1	Pass	AV	23.683M	40.87	50.00	-9.13	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	166.406k	47.90	65.14	-17.24	19.61	Line	-	28.29	9.65	0.03	9.93			
AV	166.406k	32.76	55.14	-22.38	19.61	Line	-	13.15	9.65	0.03	9.93			
QP	328.019k	44.10	59.50	-15.40	19.63	Line	-	24.47	9.64	0.04	9.95			
AV	328.019k	40.64	49.50	-8.86	19.63	Line	-	21.01	9.64	0.04	9.95			
QP	717.31k	31.67	56.00	-24.33	19.65	Line	-	12.02	9.65	0.05	9.95			
AV	717.31k	25.52	46.00	-20.48	19.65	Line	-	5.87	9.65	0.05	9.95			
QP	3.218M	31.92	56.00	-24.08	19.73	Line	-	12.19	9.69	0.11	9.93			
AV	3.218M	27.47	46.00	-18.53	19.73	Line	-	7.74	9.69	0.11	9.93			
QP	13.597M	30.25	60.00	-29.75	20.00	Line	-	10.25	9.80	0.23	9.97			
AV	13.597M	26.24	50.00	-23.76	20.00	Line	-	6.24	9.80	0.23	9.97			
QP	23.683M	44.58	60.00	-15.42	20.06	Line	-	24.52	9.79	0.30	9.97			
AV	23.683M	40.04	50.00	-9.96	20.06	Line	-	19.98	9.79	0.30	9.97			

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	163.769k	47.59	65.27	-17.68	19.59	Neutral	-	28.00	9.63	0.03	9.93			
AV	163.769k	31.06	55.27	-24.21	19.59	Neutral	-	11.47	9.63	0.03	9.93			
QP	328.019k	44.45	59.50	-15.05	19.62	Neutral	-	24.83	9.63	0.04	9.95			
AV	328.019k	39.48	49.50	-10.02	19.62	Neutral	-	19.86	9.63	0.04	9.95			
QP	425.197k	27.64	57.34	-29.70	19.63	Neutral	-	8.01	9.63	0.04	9.96			
AV	425.197k	19.95	47.34	-27.39	19.63	Neutral	-	0.32	9.63	0.04	9.96			
QP	2.543M	30.99	56.00	-25.01	19.71	Neutral	-	11.28	9.67	0.10	9.94			
AV	2.543M	25.96	46.00	-20.04	19.71	Neutral	-	6.25	9.67	0.10	9.94			
QP	14.964M	28.14	60.00	-31.86	20.10	Neutral	-	8.04	9.89	0.24	9.97			
AV	14.964M	24.32	50.00	-25.68	20.10	Neutral	-	4.22	9.89	0.24	9.97			
QP	23.683M	45.69	60.00	-14.31	20.28	Neutral	-	25.41	10.01	0.30	9.97			
AV	23.683M	40.87	50.00	-9.13	20.28	Neutral	-	20.59	10.01	0.30	9.97			

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	21.175M	18.887M	18M9D1D	20.46M	18.84M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.7M	37.733M	37M7D1D	40.04M	37.599M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.72M	77.194M	77M2D1D	81.62M	76.73M
802.11ax HEW160_Nss1,(MCS0)_4TX	164.56M	155.122M	155MD1D	163.68M	154.437M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	20.955M	18.903M	18M9D1D	20.405M	18.846M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.59M	37.708M	37M7D1D	40.15M	37.571M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.28M	77.163M	77M2D1D	81.84M	76.994M
802.11ax HEW160_Nss1,(MCS0)_4TX	164.56M	154.895M	155MD1D	164.12M	154.699M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	21.065M	18.906M	18M9D1D	20.515M	18.84M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.48M	37.716M	37M7D1D	40.04M	37.583M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.72M	77.235M	77M2D1D	81.62M	76.79M
802.11ax HEW160_Nss1,(MCS0)_4TX	165.88M	155.085M	155MD1D	163.68M	154.746M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	20.9M	18.916M	18M9D1D	20.405M	18.836M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.59M	37.712M	37M7D1D	40.04M	37.632M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.5M	77.229M	77M2D1D	81.84M	76.975M
802.11ax HEW160_Nss1,(MCS0)_4TX	165.44M	154.892M	155MD1D	163.68M	154.44M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6115MHz	Pass	Inf	20.79M	18.855M	20.57M	18.882M	21.175M	18.872M	20.515M	18.884M
6275MHz	Pass	Inf	20.57M	18.849M	20.845M	18.887M	20.515M	18.878M	20.515M	18.867M
6415MHz	Pass	Inf	20.515M	18.855M	20.845M	18.877M	20.9M	18.84M	20.46M	18.872M
6435MHz	Pass	Inf	20.515M	18.846M	20.9M	18.898M	20.735M	18.861M	20.405M	18.903M
6475MHz	Pass	Inf	20.57M	18.852M	20.955M	18.895M	20.845M	18.858M	20.68M	18.879M
6515MHz	Pass	Inf	20.57M	18.86M	20.46M	18.887M	20.955M	18.859M	20.625M	18.863M
6535MHz	Pass	Inf	20.68M	18.84M	20.68M	18.892M	20.79M	18.873M	20.57M	18.877M
6695MHz	Pass	Inf	20.735M	18.868M	21.01M	18.885M	20.735M	18.88M	20.79M	18.849M
6875MHz	Pass	Inf	21.065M	18.845M	21.01M	18.906M	20.515M	18.881M	20.68M	18.865M
6895MHz	Pass	Inf	20.515M	18.846M	20.735M	18.916M	20.515M	18.864M	20.405M	18.855M
6995MHz	Pass	Inf	20.735M	18.839M	20.845M	18.892M	20.68M	18.884M	20.845M	18.875M
7095MHz	Pass	Inf	20.735M	18.854M	20.625M	18.894M	20.845M	18.86M	20.46M	18.871M
7115MHz	Pass	Inf	20.79M	18.836M	20.9M	18.896M	20.405M	18.864M	20.57M	18.88M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6125MHz	Pass	Inf	40.15M	37.729M	40.26M	37.701M	40.15M	37.67M	40.48M	37.629M
6285MHz	Pass	Inf	40.26M	37.733M	40.37M	37.66M	40.7M	37.671M	40.26M	37.599M
6405MHz	Pass	Inf	40.26M	37.636M	40.48M	37.676M	40.59M	37.626M	40.04M	37.719M
6445MHz	Pass	Inf	40.48M	37.634M	40.37M	37.68M	40.26M	37.571M	40.59M	37.708M
6485MHz	Pass	Inf	40.26M	37.616M	40.37M	37.678M	40.37M	37.659M	40.48M	37.689M
6525MHz	Pass	Inf	40.15M	37.633M	40.37M	37.687M	40.15M	37.671M	40.37M	37.636M
6565MHz	Pass	Inf	40.26M	37.632M	40.04M	37.69M	40.48M	37.716M	40.37M	37.639M
6685MHz	Pass	Inf	40.37M	37.67M	40.37M	37.659M	40.15M	37.643M	40.26M	37.666M
6885MHz	Pass	Inf	40.15M	37.706M	40.37M	37.644M	40.48M	37.583M	40.37M	37.589M
6925MHz	Pass	Inf	40.48M	37.712M	40.15M	37.672M	40.37M	37.661M	40.15M	37.682M
7005MHz	Pass	Inf	40.37M	37.669M	40.15M	37.687M	40.59M	37.65M	40.37M	37.682M
7085MHz	Pass	Inf	40.37M	37.701M	40.15M	37.665M	40.04M	37.651M	40.26M	37.632M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6145MHz	Pass	Inf	81.84M	77.194M	81.84M	77.025M	82.28M	77.092M	81.62M	77.03M
6305MHz	Pass	Inf	82.5M	77.119M	81.84M	77.125M	82.72M	77.169M	82.06M	76.811M
6385MHz	Pass	Inf	81.84M	76.986M	82.28M	77.024M	82.5M	76.978M	82.06M	76.73M
6465MHz	Pass	Inf	82.28M	77.162M	82.06M	77.068M	82.28M	77.09M	82.06M	77.136M
6545MHz	Pass	Inf	82.06M	77.034M	81.84M	77.163M	82.06M	76.994M	82.28M	77.027M
6625MHz	Pass	Inf	82.5M	76.963M	82.28M	77.156M	82.72M	77.205M	81.84M	77.07M
6705MHz	Pass	Inf	82.28M	76.79M	81.62M	76.996M	81.84M	77.03M	82.06M	77.104M
6785MHz	Pass	Inf	82.28M	77.031M	82.28M	76.889M	82.06M	77.172M	82.28M	77.109M
6865MHz	Pass	Inf	81.84M	77.235M	82.72M	77.164M	82.5M	77.146M	81.84M	77.039M
6945MHz	Pass	Inf	82.06M	77.178M	82.06M	77.018M	81.84M	77.037M	82.28M	76.975M
7025MHz	Pass	Inf	82.28M	77.107M	82.5M	77.229M	81.84M	77.217M	81.84M	77.061M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6185MHz	Pass	Inf	164.56M	154.437M	164.56M	154.79M	164.56M	154.624M	164.56M	155.122M
6345MHz	Pass	Inf	164.12M	154.834M	163.68M	154.627M	164.56M	154.703M	164.56M	154.74M
6505MHz	Pass	Inf	164.56M	154.895M	164.12M	154.798M	164.12M	154.699M	164.56M	154.767M
6665MHz	Pass	Inf	165.88M	154.849M	164.12M	155.013M	163.68M	154.746M	164.56M	154.959M
6825MHz	Pass	Inf	165.88M	154.84M	163.68M	154.8M	164.12M	155.085M	164.12M	154.766M
6985MHz	Pass	Inf	164.56M	154.44M	164.12M	154.693M	165.44M	154.892M	163.68M	154.46M

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

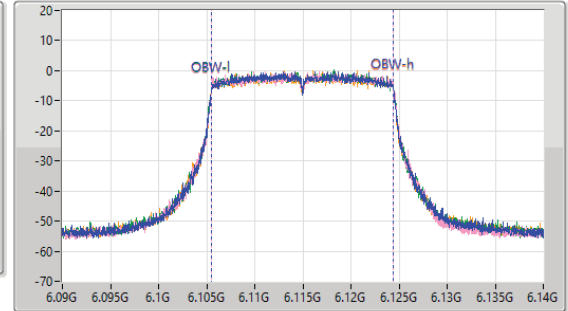
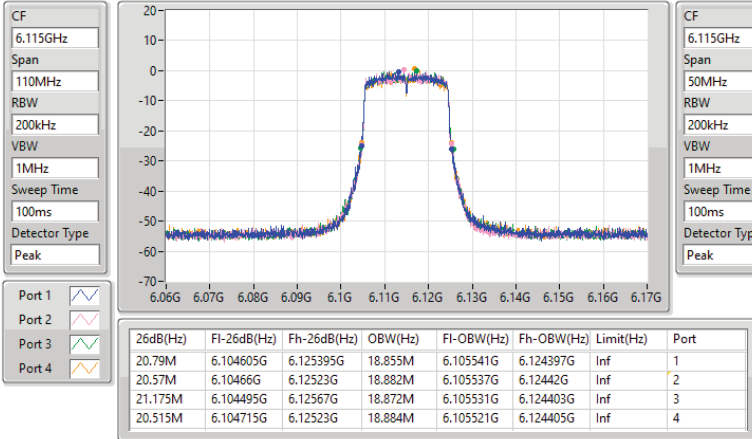


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

6115MHz

12/04/2023

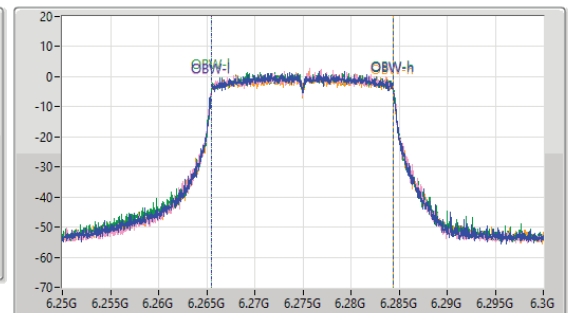
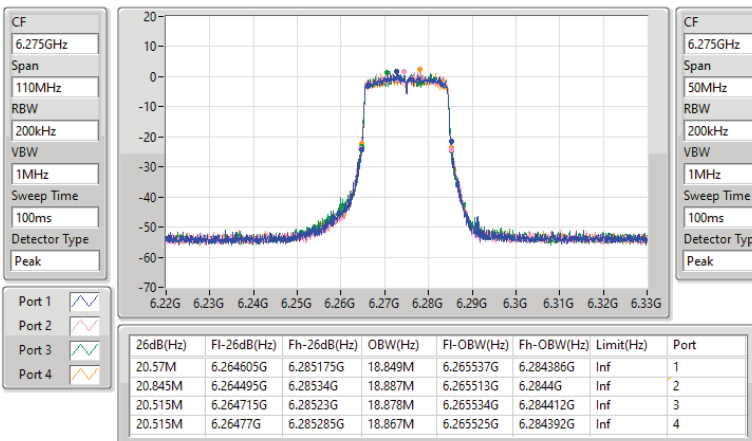


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

6275MHz

12/04/2023



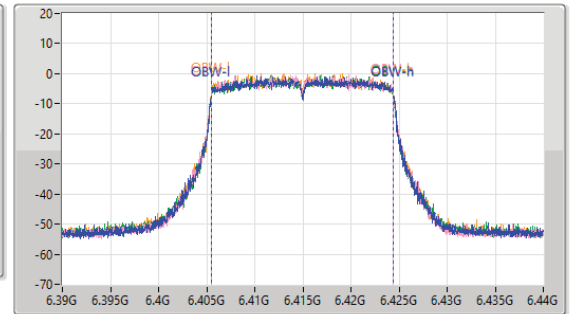
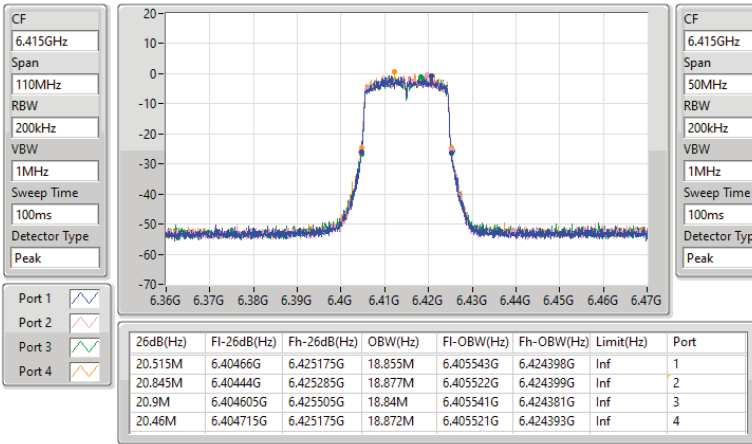


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

6415MHz

10/04/2023

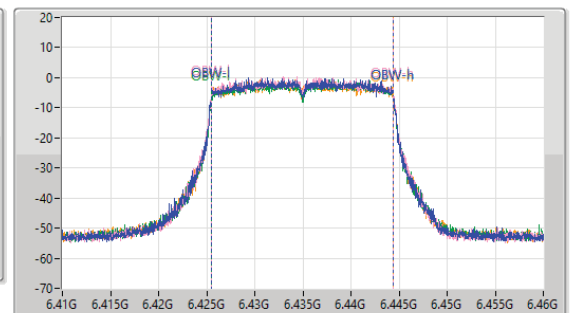
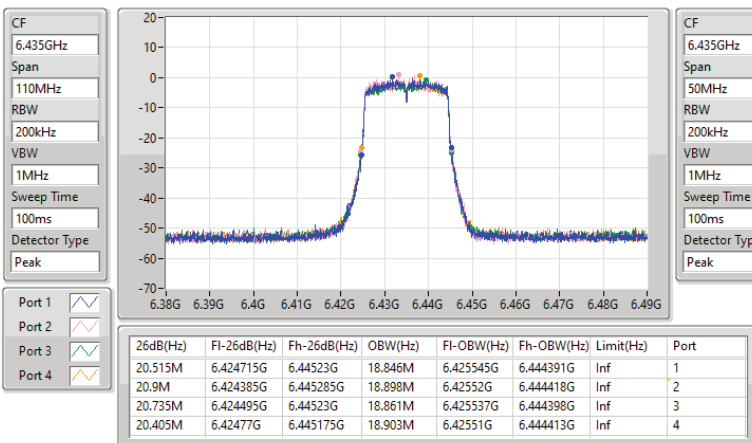


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

6435MHz

10/04/2023



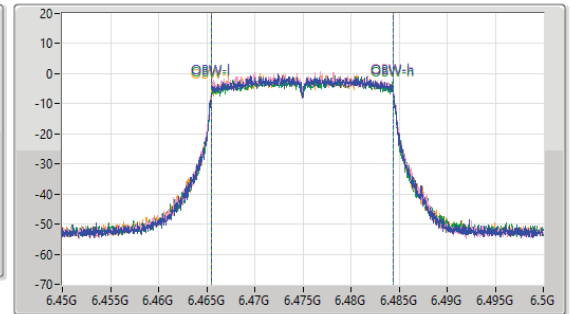
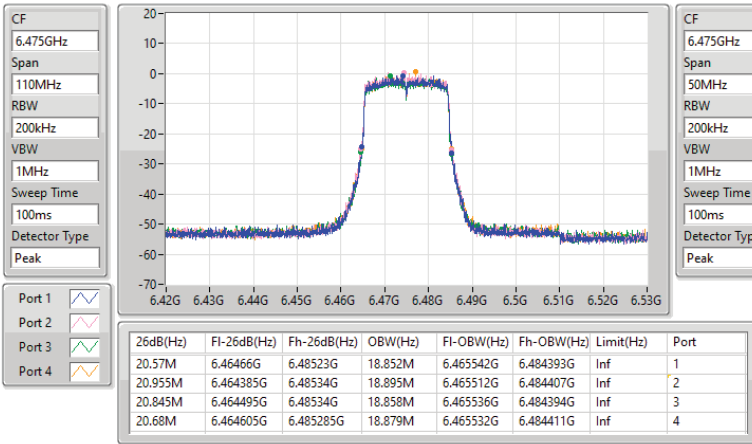


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

6475MHz

10/04/2023

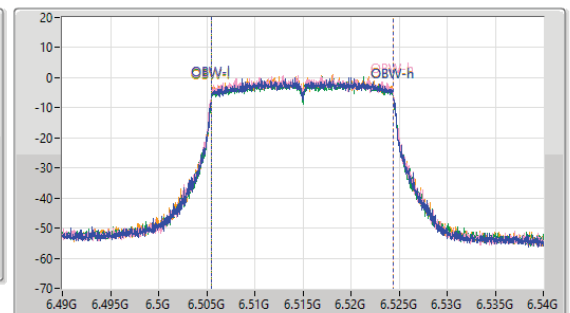
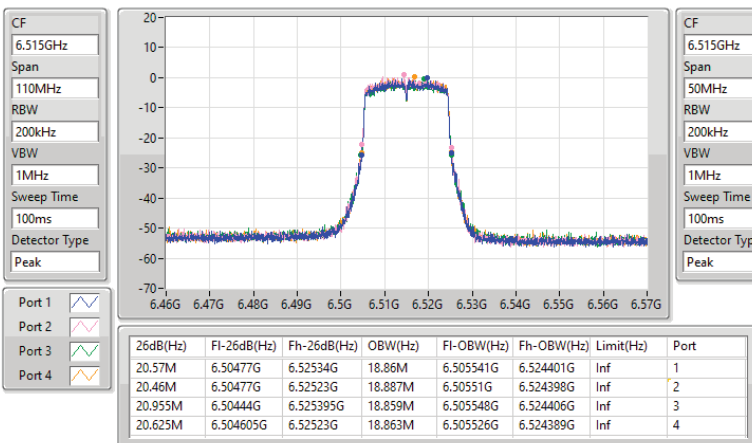


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

6515MHz

10/04/2023

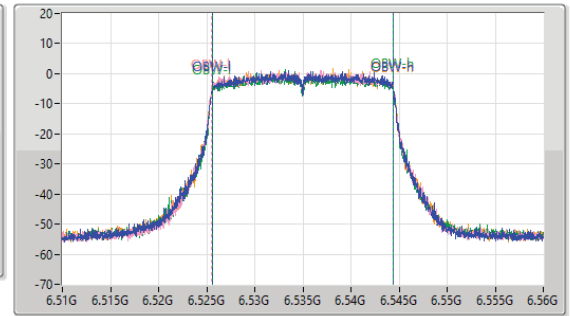
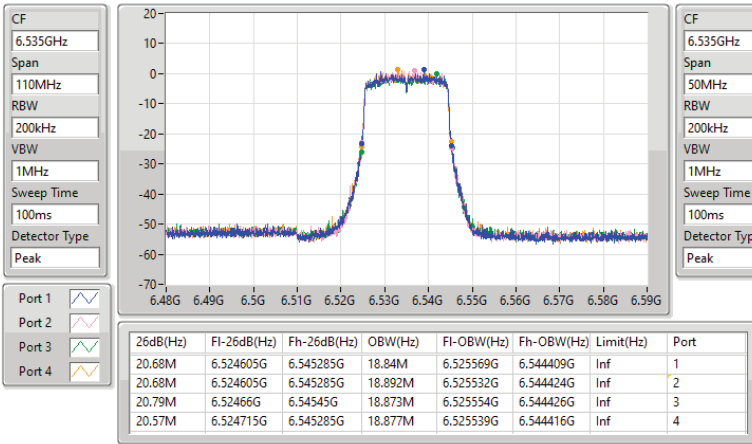


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

6535MHz

10/04/2023

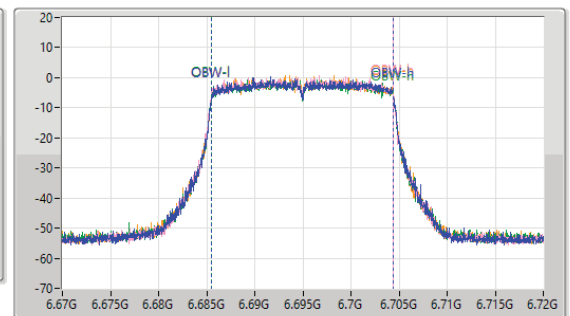
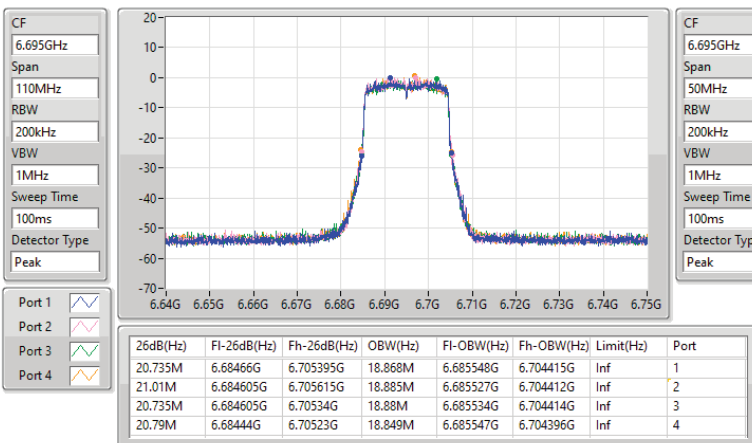


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

6695MHz

10/04/2023

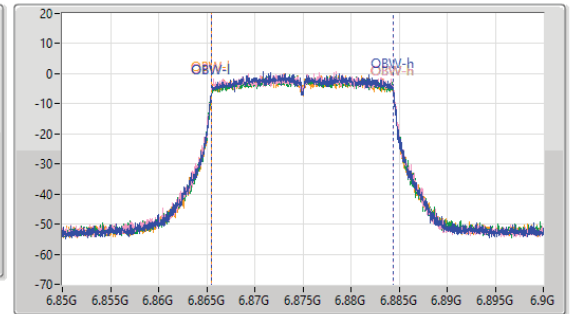
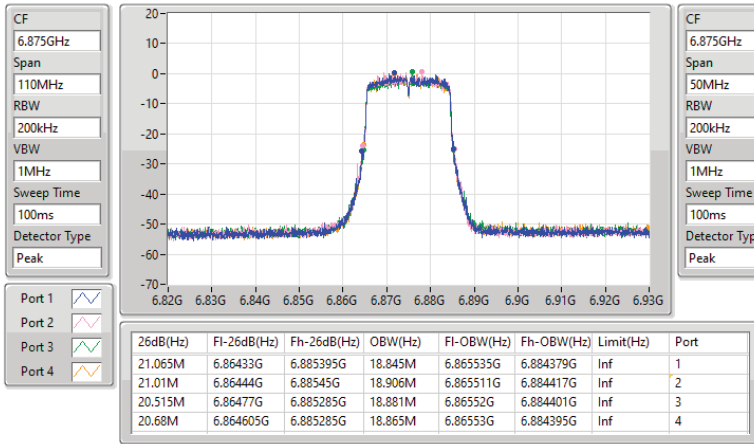


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

6875MHz

10/04/2023

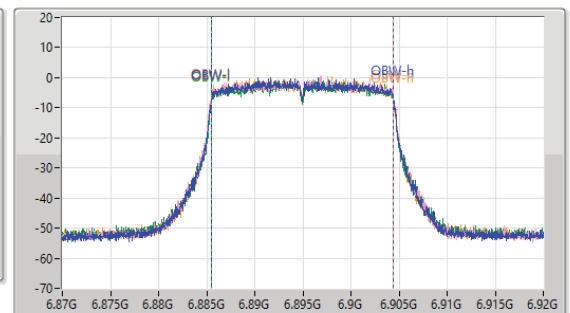
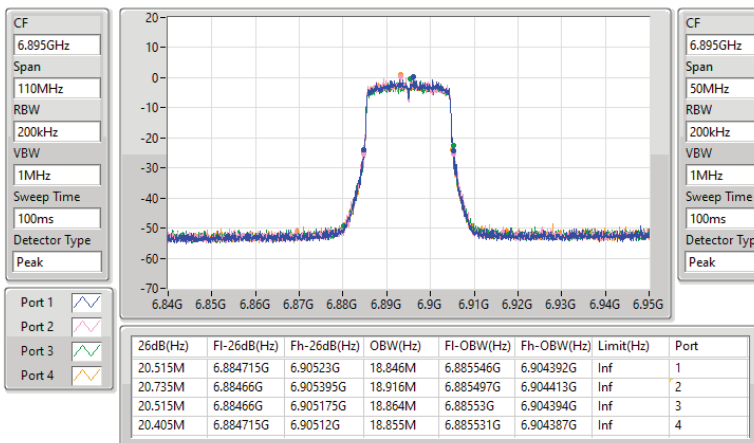


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

6895MHz

10/04/2023



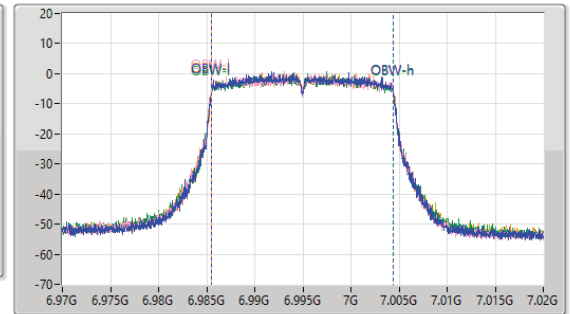
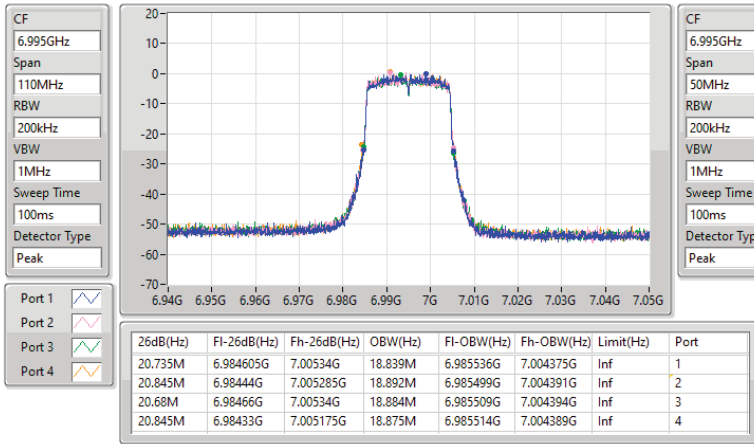


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

6995MHz

10/04/2023

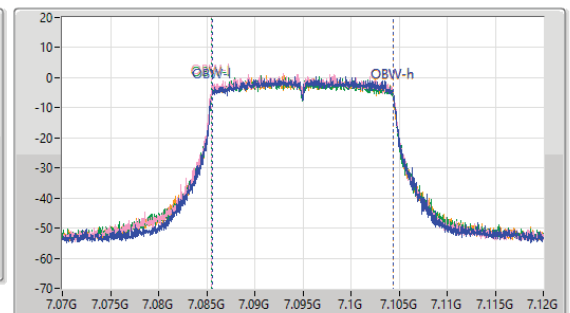
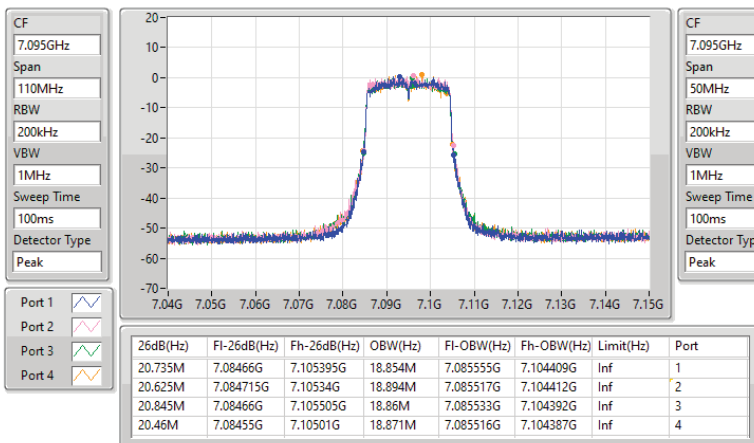


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

7095MHz

10/04/2023



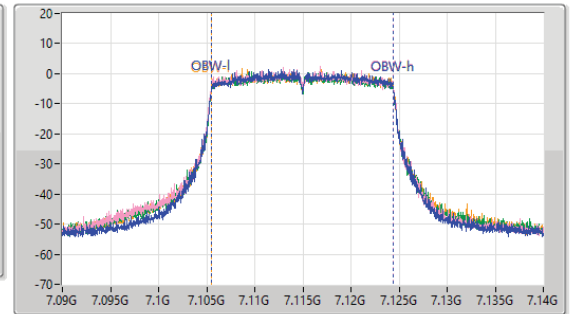
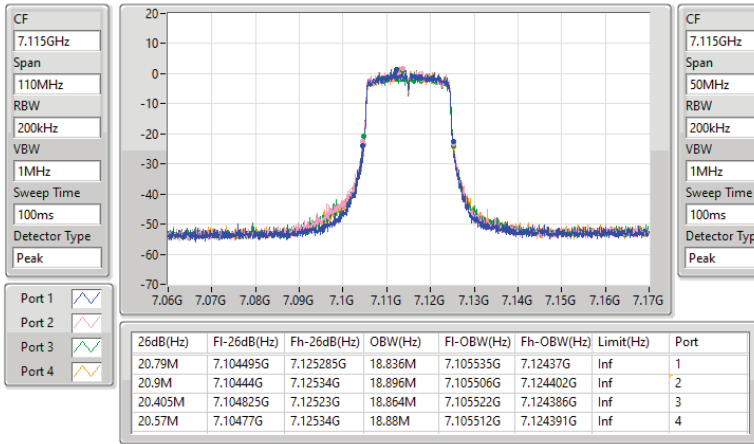


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

7115MHz

10/04/2023

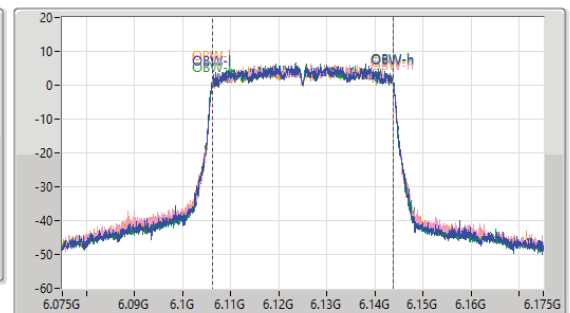
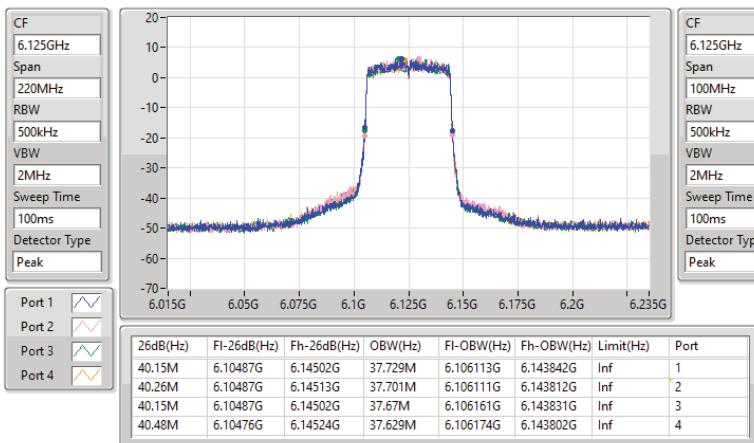


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

6125MHz

12/04/2023



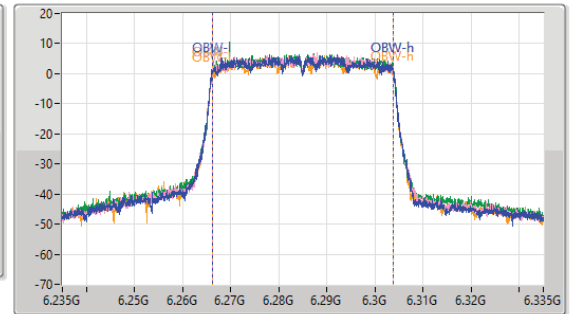
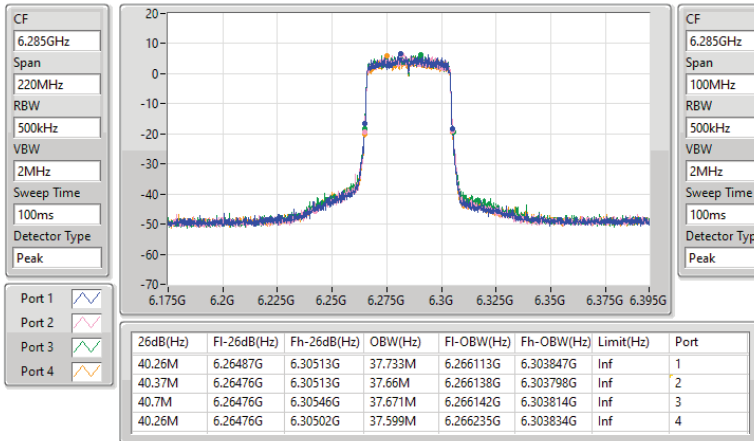


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

6285MHz

12/04/2023

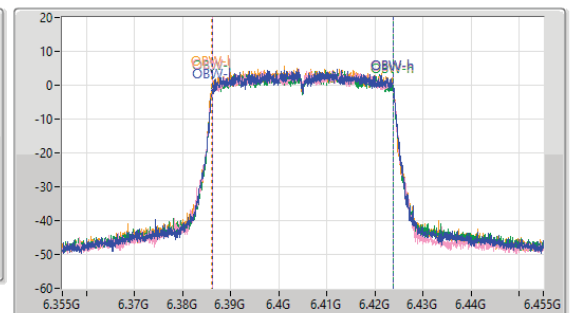
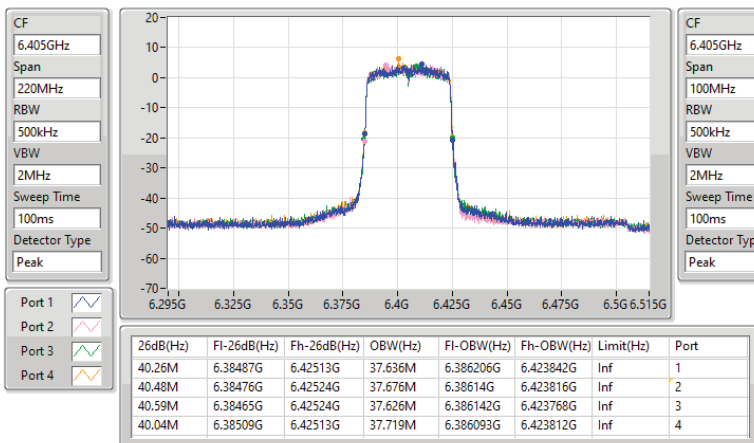


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

6405MHz

10/04/2023

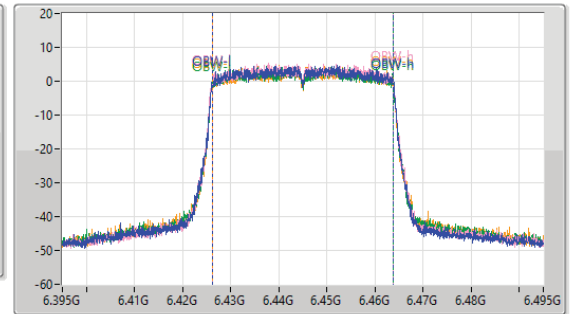
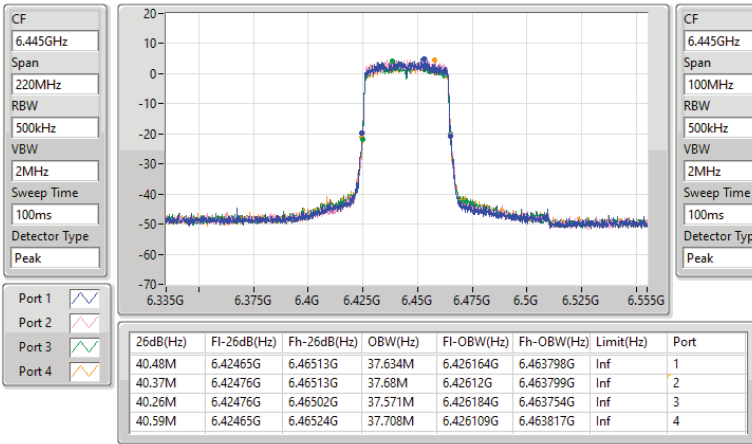


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

6445MHz

10/04/2023

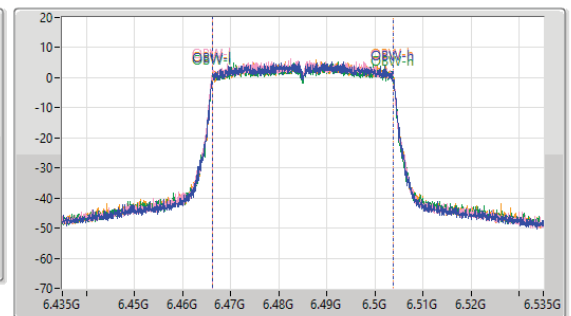
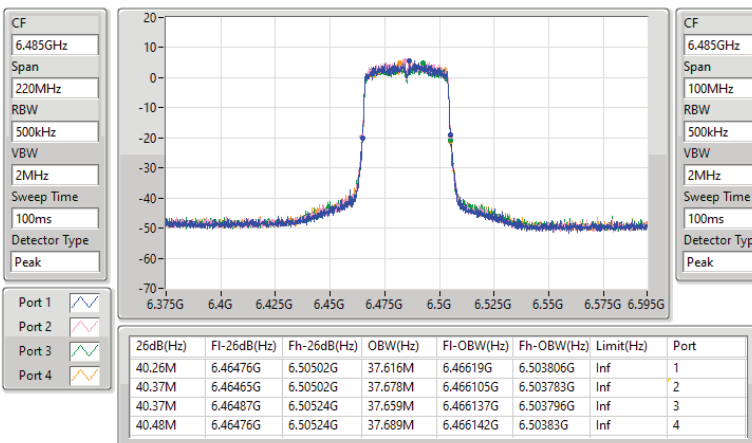


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

6485MHz

10/04/2023

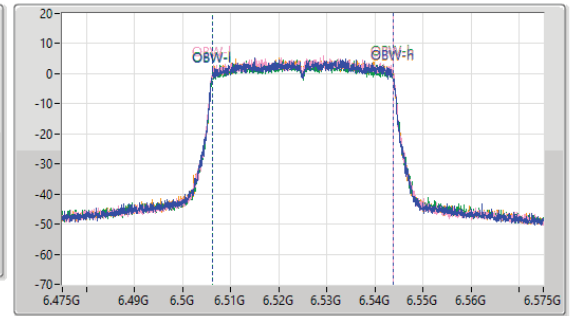
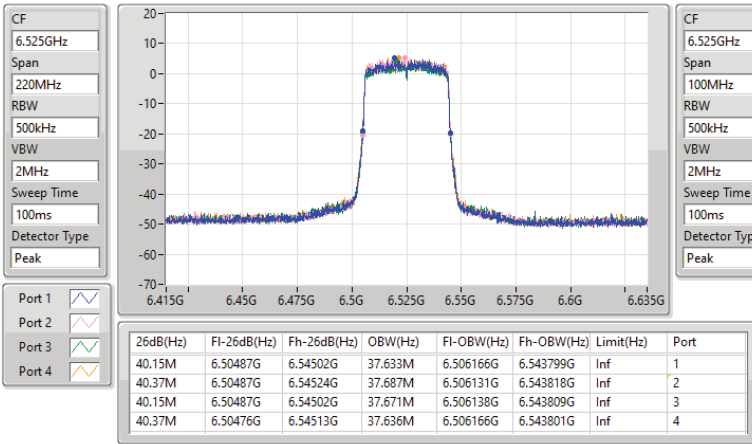


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

6525MHz

10/04/2023

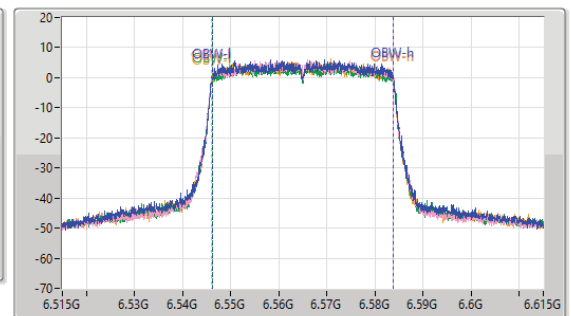
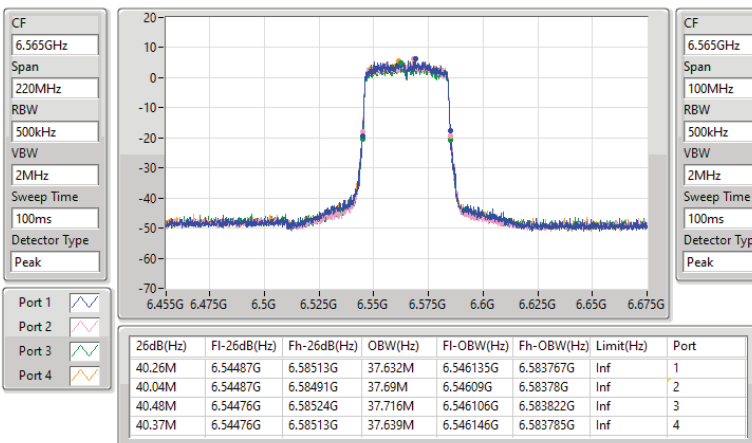


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

6565MHz

10/04/2023



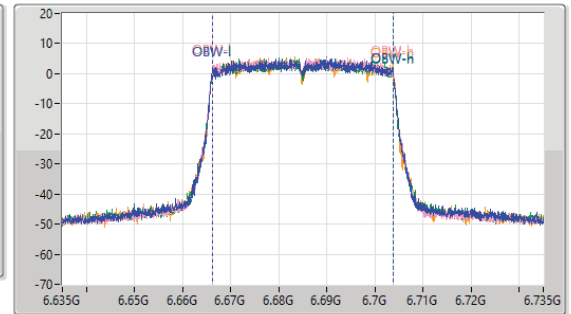
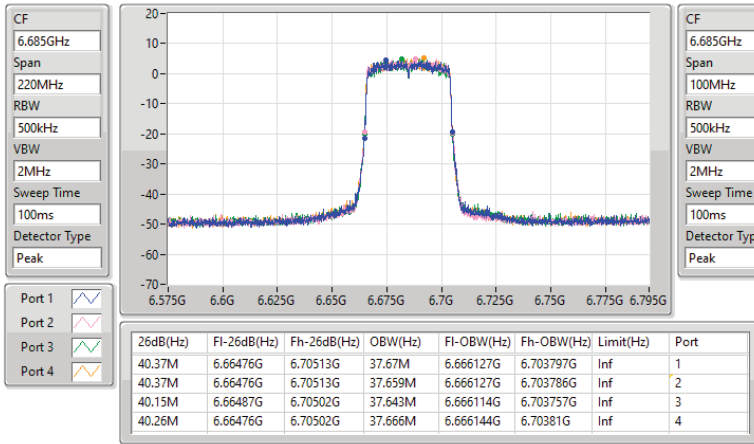


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

6685MHz

10/04/2023

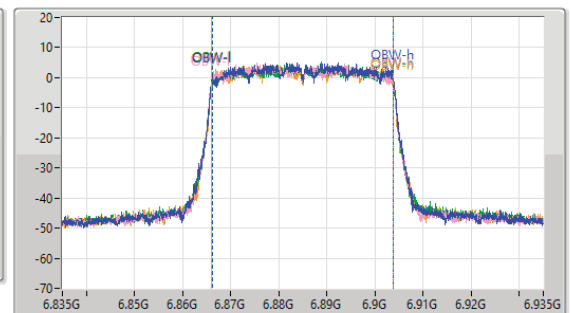
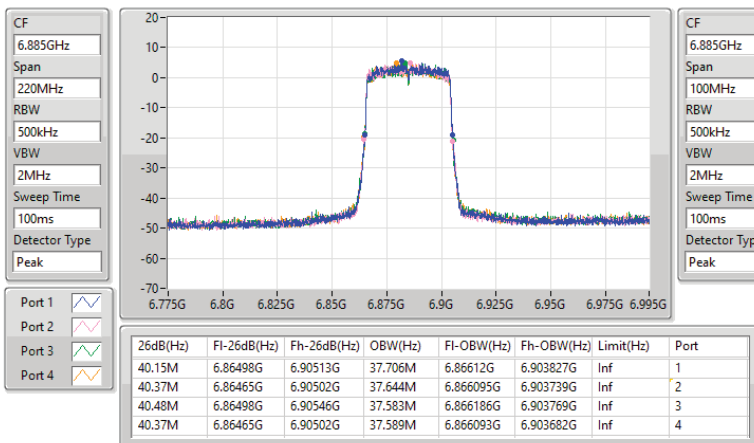


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

6685MHz

10/04/2023



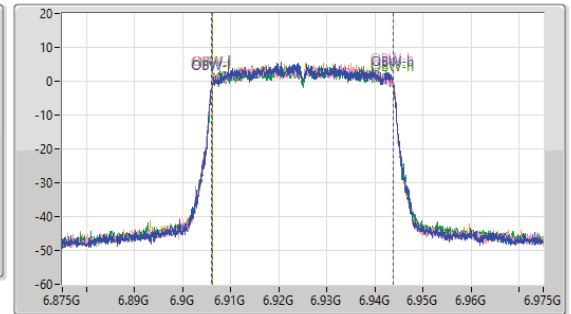
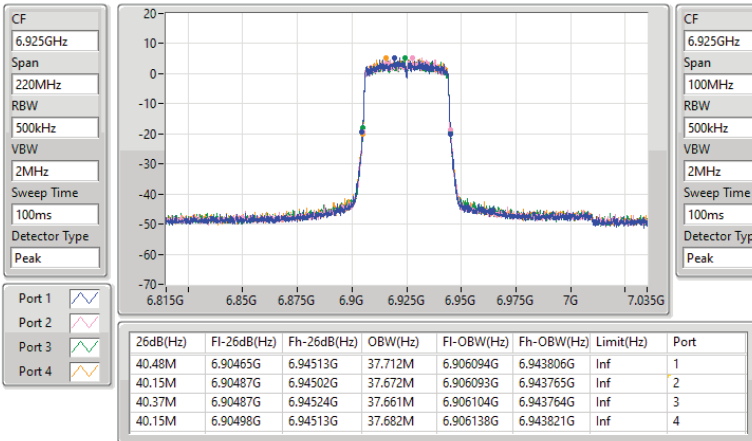


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

6925MHz

10/04/2023

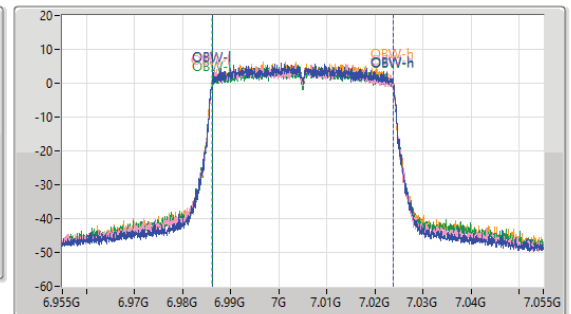
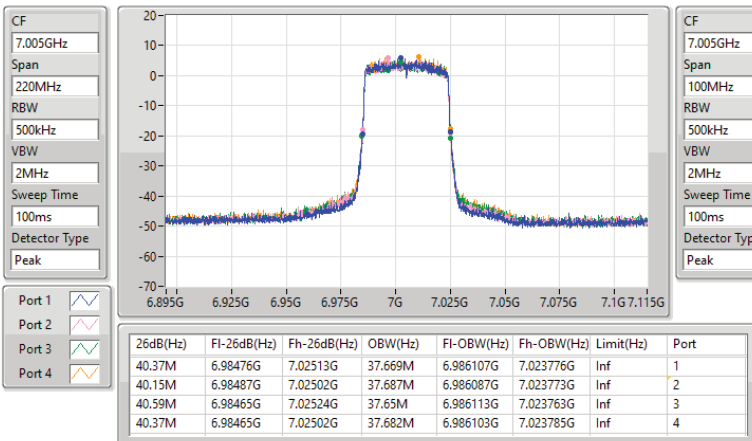


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

7005MHz

10/04/2023



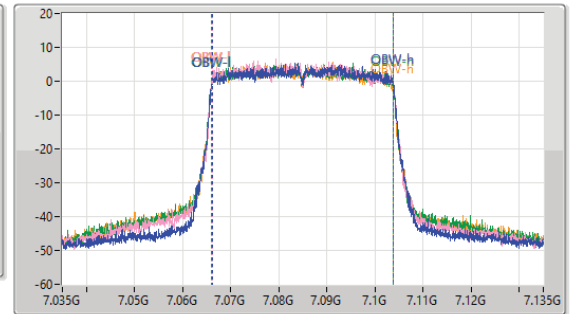
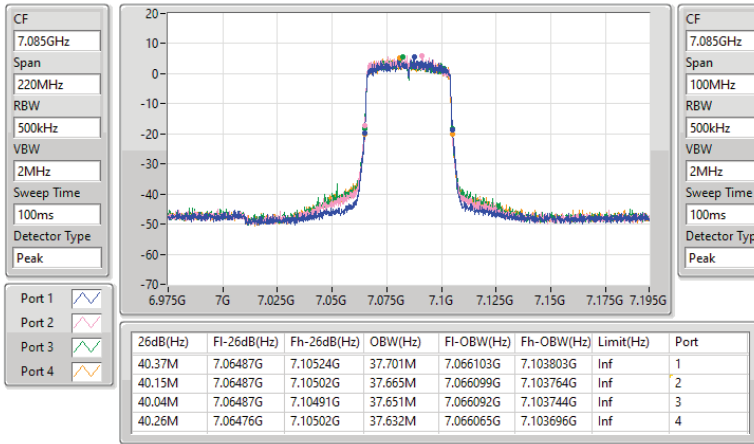


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

7085MHz

10/04/2023

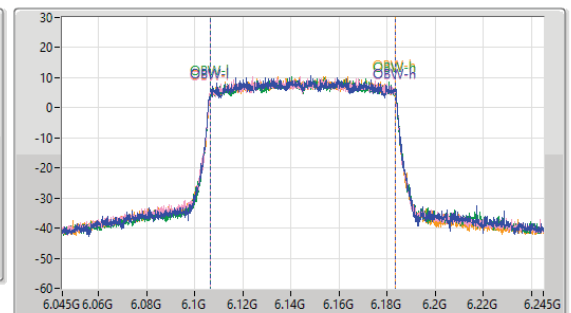
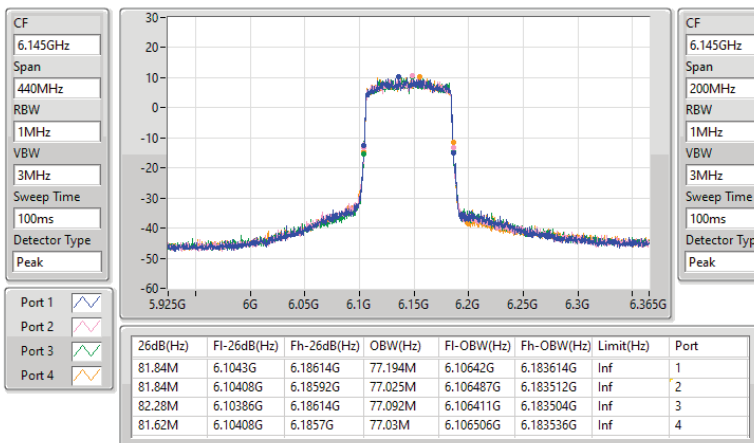


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

6145MHz

10/04/2023



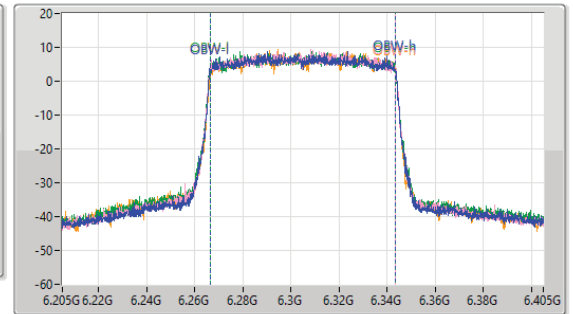
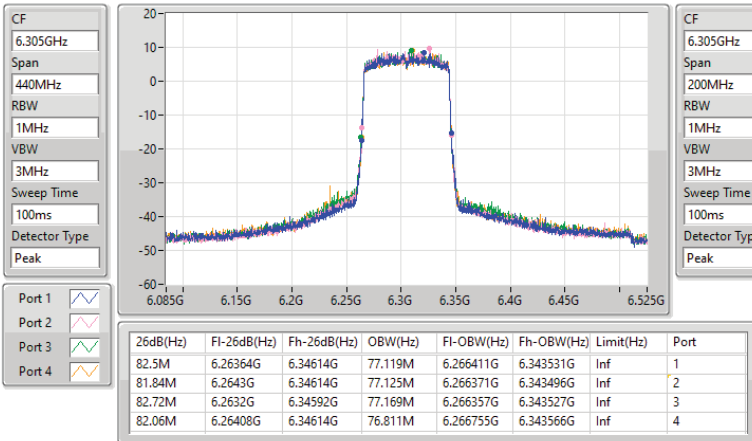


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

6305MHz

12/04/2023

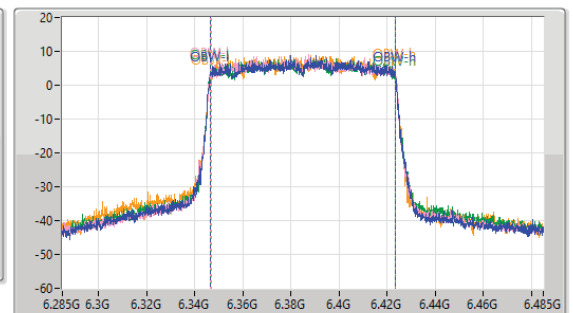
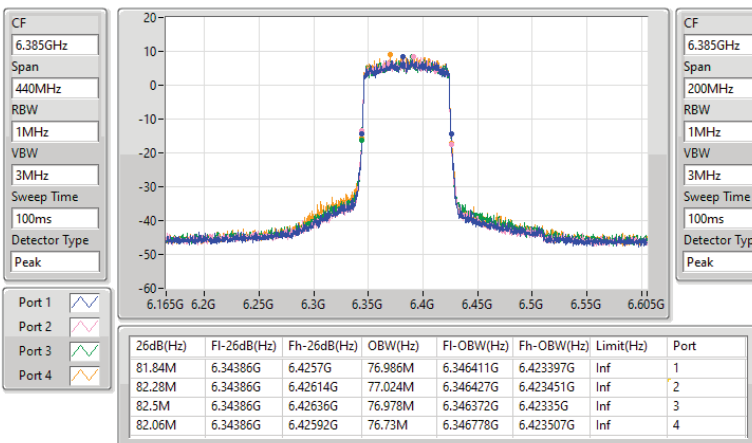


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

6385MHz

10/04/2023



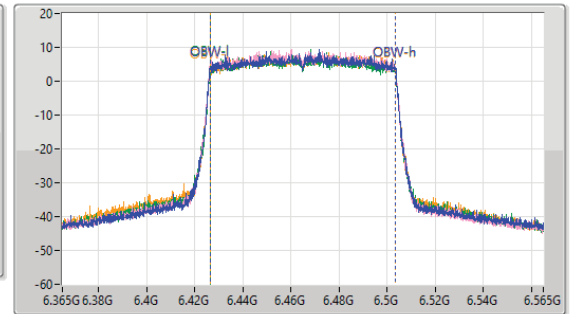
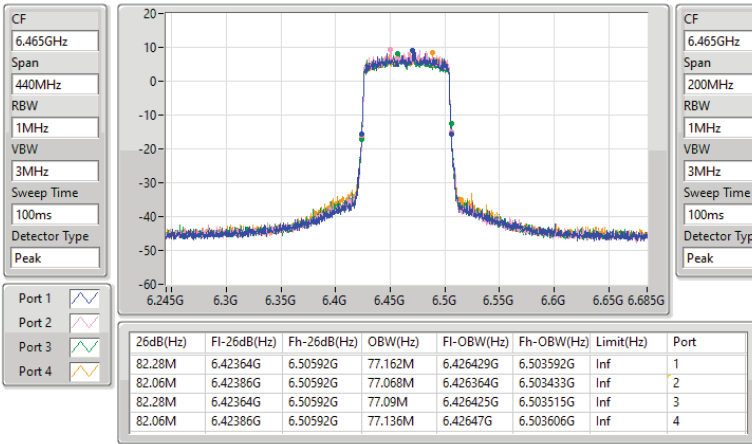


6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

6465MHz

10/04/2023

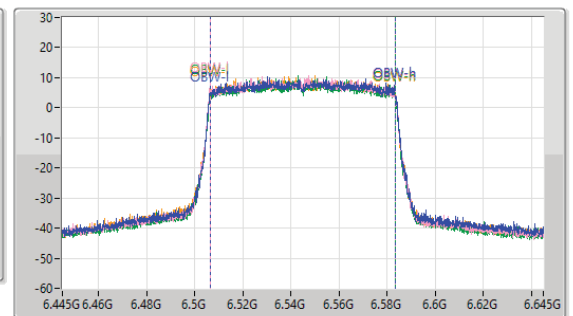
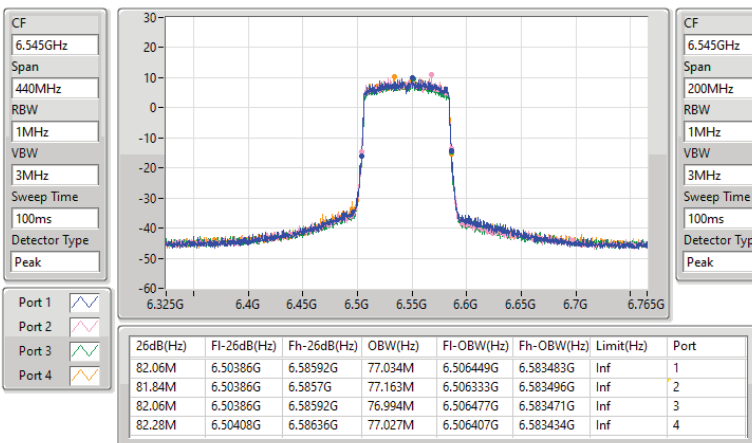


6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

6545MHz

10/04/2023



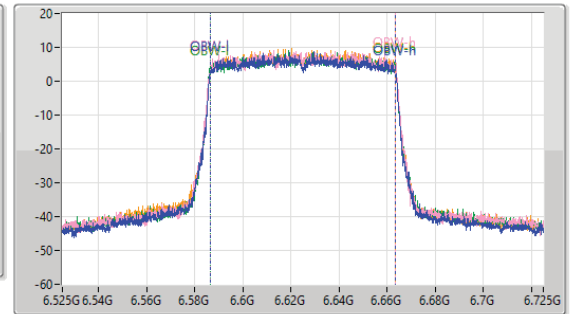
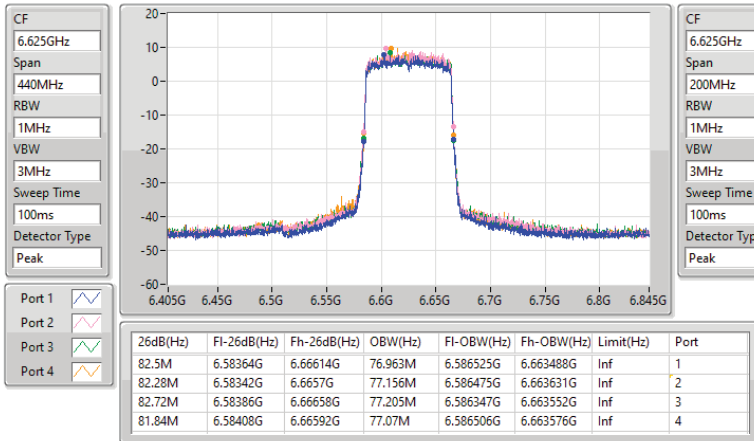


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

6625MHz

10/04/2023

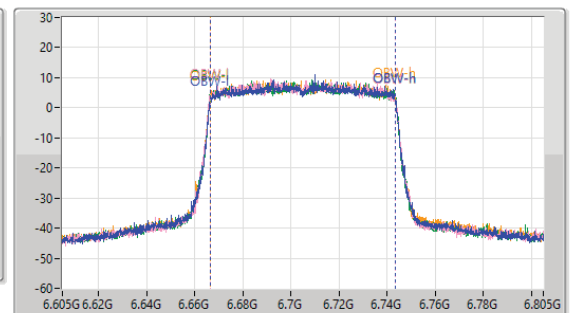
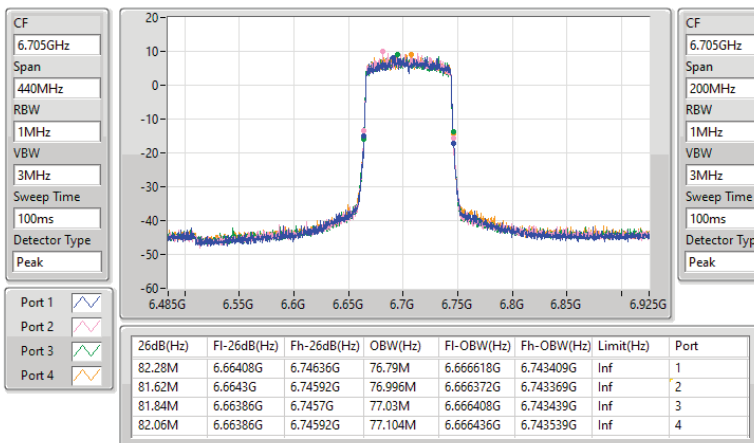


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

6705MHz

10/04/2023



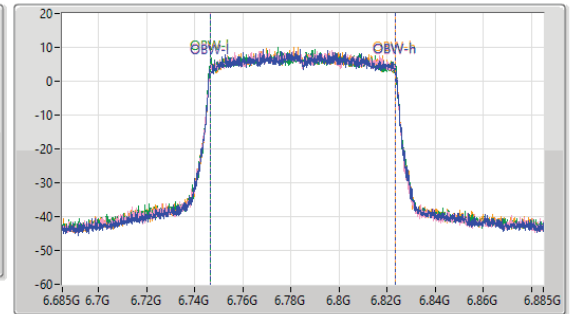
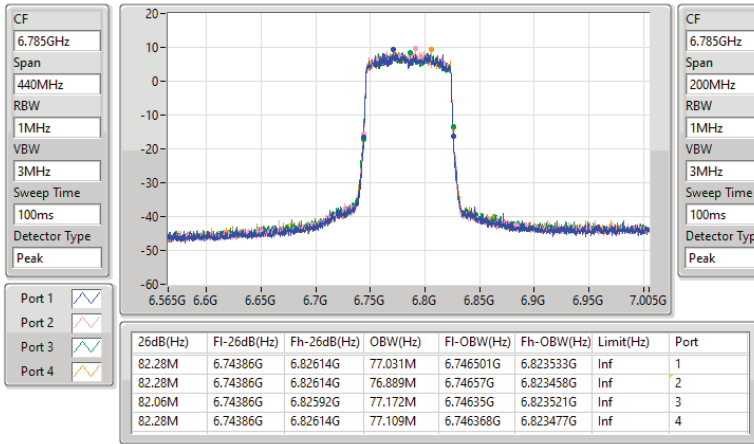


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

6785MHz

10/04/2023

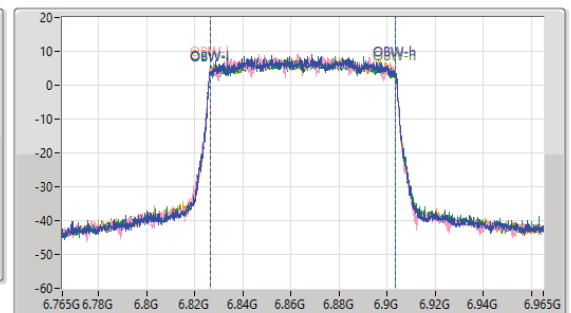
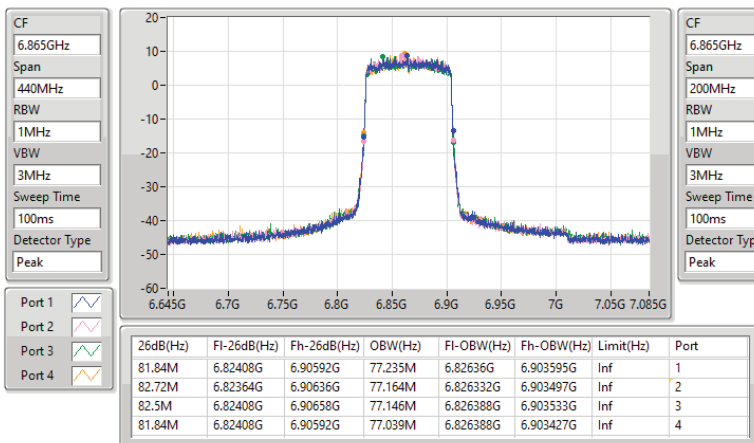


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

6865MHz

10/04/2023



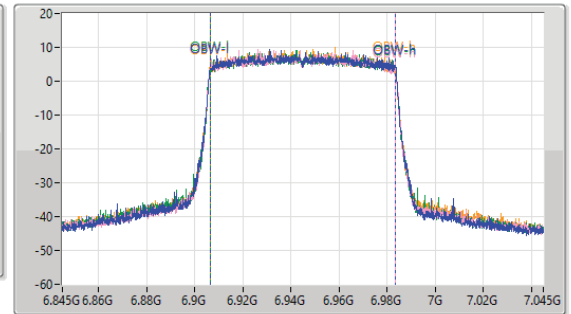
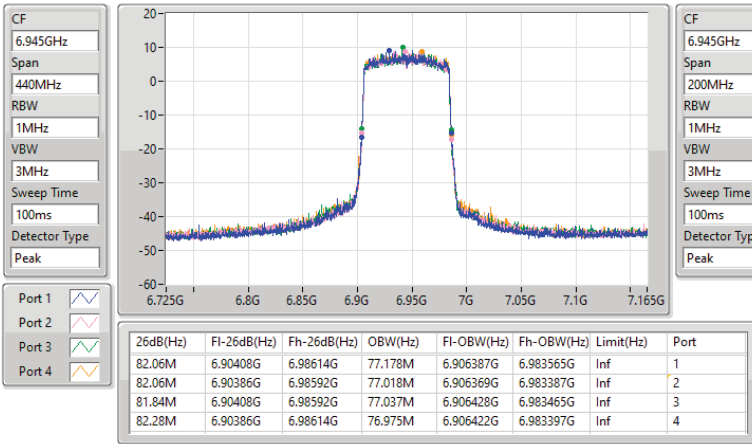


6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

6945MHz

10/04/2023

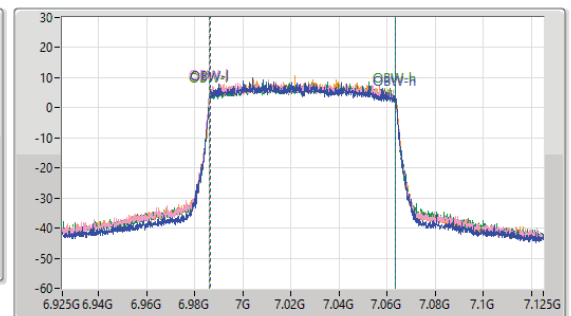
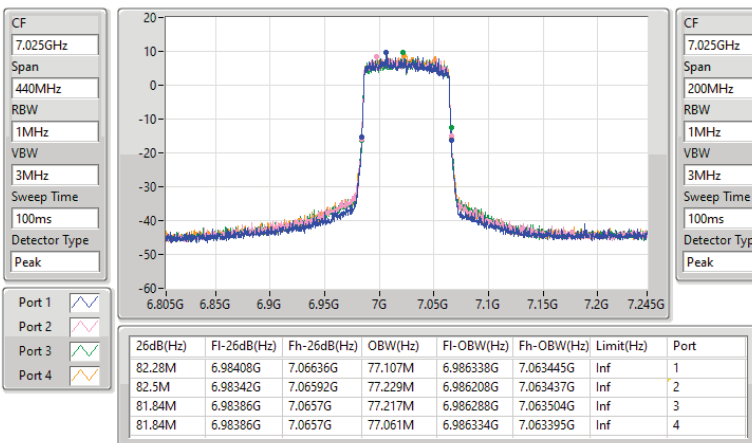


6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

7025MHz

10/04/2023



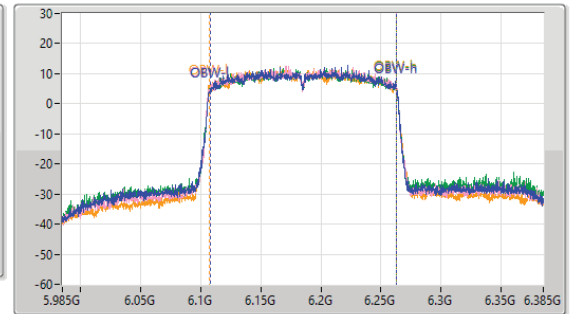
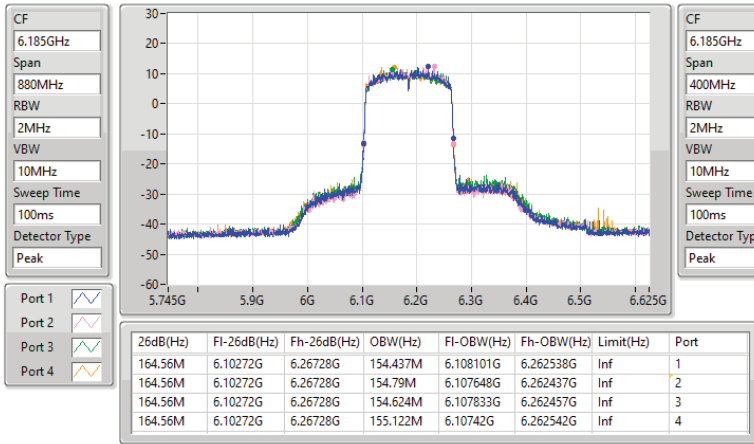


5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

6185MHz

10/04/2023

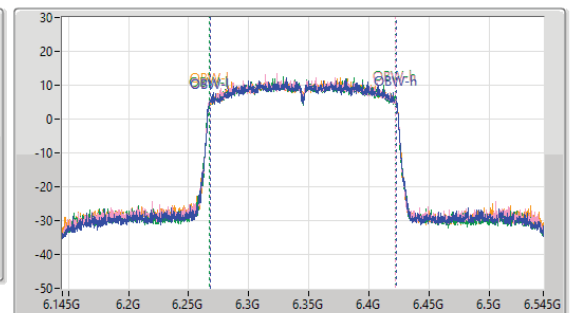
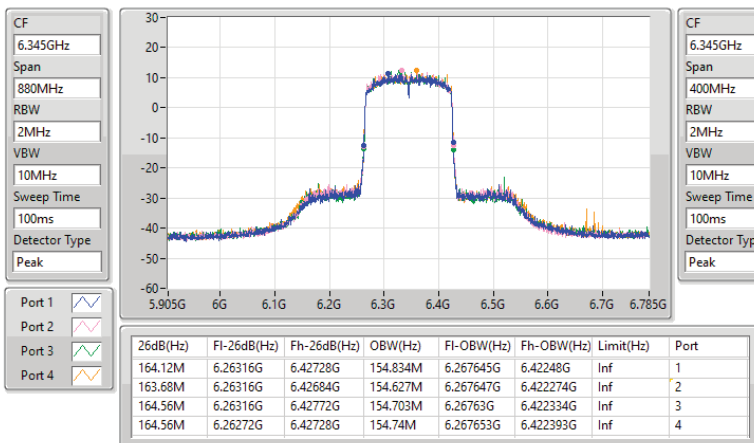


5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

6345MHz

10/04/2023

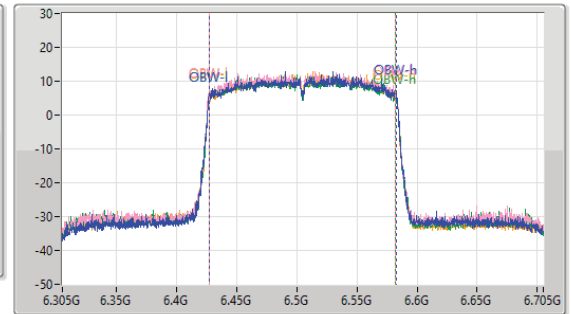
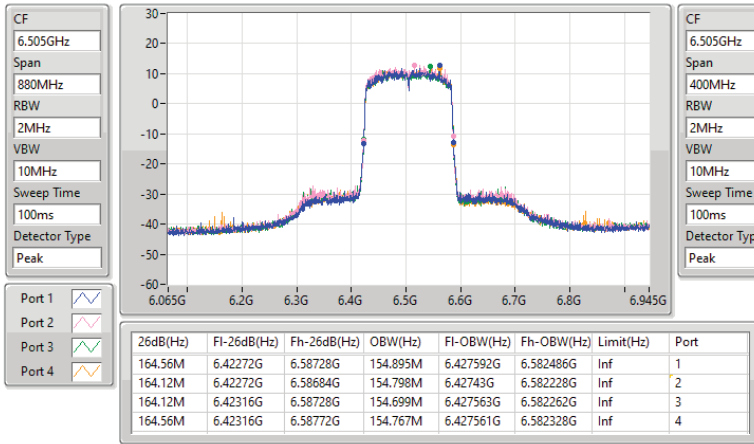


6.425-6.525GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

6505MHz

10/04/2023

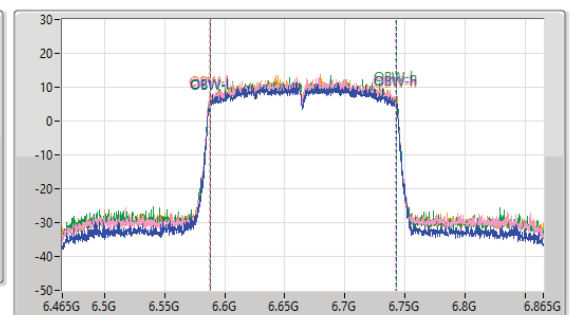
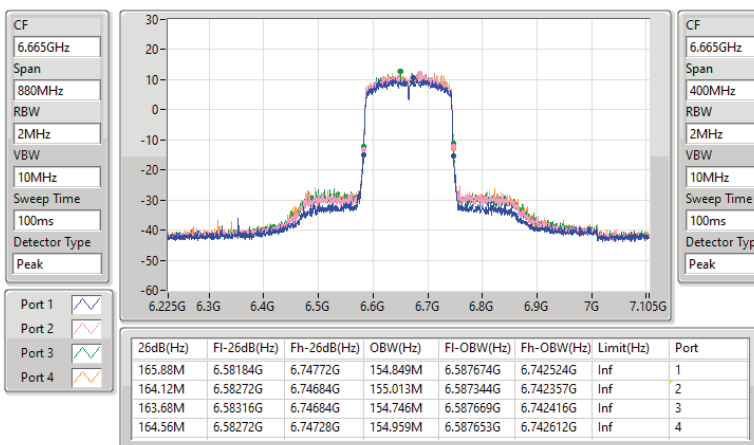


6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

6665MHz

10/04/2023



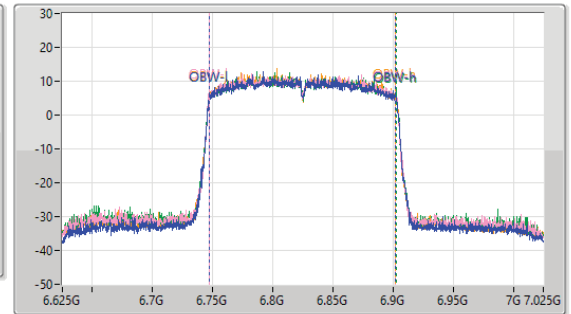
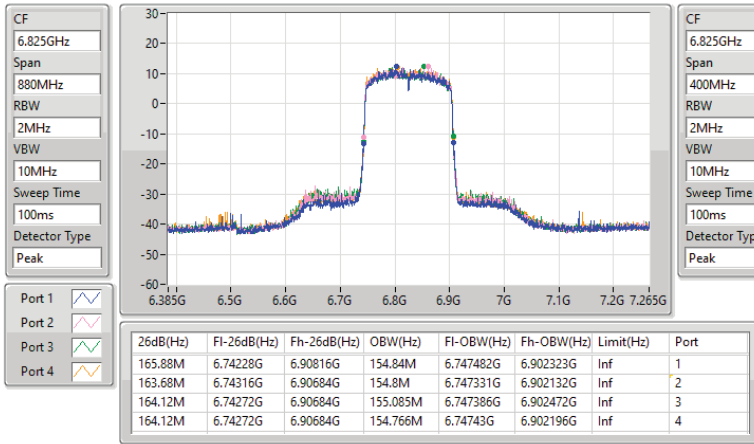


6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

6825MHz

10/04/2023

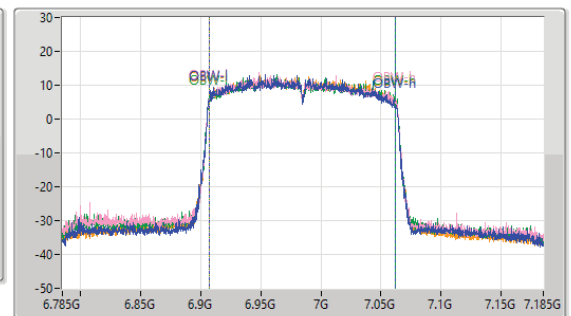
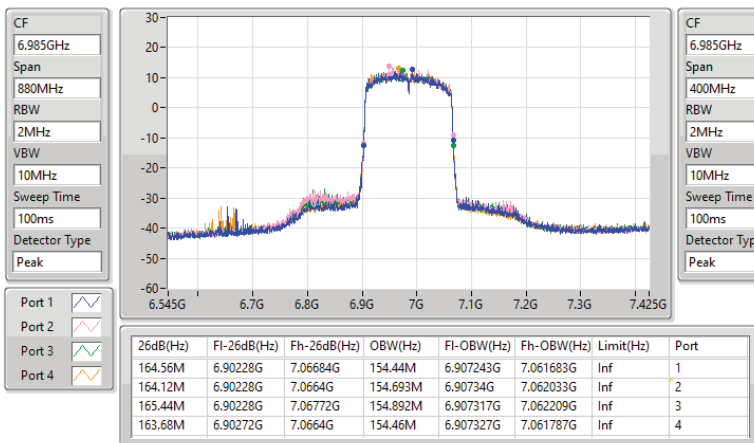


6.875-7.125GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

6985MHz

10/04/2023



**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	22.495M	19.027M	19M0D1D	20.295M	18.956M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	44.11M	37.972M	38M0D1D	40.26M	37.826M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	95.92M	78.836M	78M8D1D	83.82M	76.928M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	388.52M	158.328M	158MD1D	168.52M	156.077M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.835M	19.033M	19M0D1D	20.35M	18.958M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	43.56M	37.948M	37M9D1D	41.91M	37.813M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	107.58M	77.642M	77M6D1D	81.84M	76.795M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	265.32M	156.988M	157MD1D	168.52M	156.413M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22M	19.019M	19M0D1D	20.24M	18.9M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	53.57M	38.391M	38M4D1D	41.36M	37.8M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	189.64M	78.213M	78M2D1D	79.86M	76.848M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	312.84M	166.292M	166MD1D	167.2M	156.326M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.22M	19.019M	19M0D1D	20.295M	18.935M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	50.49M	38.006M	38M0D1D	41.58M	37.771M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	172.48M	78.295M	78M3D1D	86.24M	77.156M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	293.04M	169.108M	169MD1D	182.16M	156.93M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6115MHz	Pass	Inf	20.955M	18.965M	21.67M	19.009M	21.45M	19.007M	21.67M	19.016M
6275MHz	Pass	Inf	20.295M	18.956M	21.78M	18.991M	21.505M	19.027M	21.725M	19.001M
6415MHz	Pass	Inf	20.845M	18.967M	21.945M	19.021M	21.615M	19.004M	22.495M	19.004M
6435MHz	Pass	Inf	20.955M	18.966M	21.725M	19.002M	21.45M	19.02M	21.67M	19.011M
6475MHz	Pass	Inf	20.57M	18.959M	21.67M	19.01M	21.725M	19.012M	21.725M	19.004M
6515MHz	Pass	Inf	20.35M	18.958M	21.67M	19.005M	21.835M	19.033M	21.56M	19.013M
6535MHz	Pass	Inf	20.68M	18.986M	21.835M	18.989M	21.725M	19.008M	21.615M	18.998M
6695MHz	Pass	Inf	20.46M	18.954M	21.835M	19.01M	22M	19.018M	21.835M	18.998M
6875MHz	Pass	Inf	20.24M	18.9M	21.835M	19.019M	21.725M	18.998M	21.56M	19.019M
6895MHz	Pass	Inf	20.295M	18.935M	22.22M	19.005M	21.45M	19.018M	21.56M	19.013M
6995MHz	Pass	Inf	20.295M	18.982M	21.945M	19.004M	21.615M	19.019M	21.615M	18.982M
7095MHz	Pass	Inf	20.35M	18.975M	21.67M	19.01M	21.34M	19.009M	21.89M	19.012M
7115MHz	Pass	Inf	20.295M	18.944M	21.505M	19.007M	21.835M	19.013M	21.725M	18.998M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6125MHz	Pass	Inf	41.69M	37.889M	43.34M	37.917M	43.01M	37.962M	43.56M	37.882M
6285MHz	Pass	Inf	40.26M	37.826M	43.45M	37.93M	44.11M	37.904M	43.12M	37.906M
6405MHz	Pass	Inf	41.8M	37.853M	42.68M	37.972M	43.23M	37.923M	43.89M	37.94M
6445MHz	Pass	Inf	41.91M	37.864M	43.45M	37.948M	43.45M	37.933M	43.12M	37.94M
6485MHz	Pass	Inf	42.35M	37.88M	43.56M	37.936M	43.23M	37.933M	42.68M	37.935M
6525MHz	Pass	Inf	41.91M	37.813M	43.45M	37.939M	43.45M	37.944M	43.23M	37.941M
6565MHz	Pass	Inf	41.58M	37.883M	43.01M	37.938M	43.56M	38.025M	44.44M	37.959M
6685MHz	Pass	Inf	41.36M	37.879M	42.46M	37.973M	42.13M	37.89M	42.46M	38.391M
6885MHz	Pass	Inf	53.57M	37.8M	43.01M	37.938M	43.23M	37.868M	43.23M	37.915M
6925MHz	Pass	Inf	42.24M	37.881M	43.45M	37.98M	43.23M	37.922M	43.23M	37.878M
7005MHz	Pass	Inf	41.58M	37.882M	43.78M	37.96M	43.01M	38.006M	42.9M	37.847M
7085MHz	Pass	Inf	50.49M	37.771M	43.01M	37.921M	42.9M	37.939M	43.78M	37.931M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6145MHz	Pass	Inf	83.82M	77.33M	88.22M	77.673M	89.98M	77.688M	88M	77.674M
6305MHz	Pass	Inf	94.82M	76.928M	87.34M	77.63M	88.66M	77.652M	83.82M	78.836M
6385MHz	Pass	Inf	95.92M	77.05M	88.66M	77.639M	88.44M	77.695M	89.54M	77.663M
6465MHz	Pass	Inf	82.5M	77.218M	86.24M	77.515M	88.88M	76.795M	81.84M	77.634M
6545MHz	Pass	Inf	103.4M	77.376M	107.58M	77.642M	82.06M	77.607M	95.26M	77.626M
6625MHz	Pass	Inf	81.84M	76.848M	88M	77.693M	89.98M	77.866M	89.98M	77.703M
6705MHz	Pass	Inf	79.86M	77.575M	88.44M	77.641M	86.9M	77.582M	86.9M	77.519M
6785MHz	Pass	Inf	111.54M	77.554M	87.34M	77.566M	88M	77.62M	87.56M	77.704M
6865MHz	Pass	Inf	189.64M	76.962M	86.9M	78.213M	87.56M	77.448M	87.12M	77.437M
6945MHz	Pass	Inf	156.64M	77.875M	87.78M	77.671M	89.98M	77.508M	88.66M	77.447M
7025MHz	Pass	Inf	172.48M	78.295M	87.12M	77.545M	87.56M	77.418M	86.24M	77.156M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6185MHz	Pass	Inf	256.52M	156.546M	373.56M	156.705M	173.36M	156.958M	388.52M	157.129M
6345MHz	Pass	Inf	194.92M	156.077M	168.52M	156.832M	171.6M	156.334M	170.28M	158.328M
6505MHz	Pass	Inf	265.32M	156.988M	171.16M	156.816M	170.28M	156.413M	168.52M	156.732M
6665MHz	Pass	Inf	295.24M	157.729M	173.8M	156.743M	169.4M	157.069M	167.64M	156.694M
6825MHz	Pass	Inf	312.84M	166.292M	167.2M	157.125M	170.28M	156.326M	168.96M	156.387M
6985MHz	Pass	Inf	293.04M	169.108M	182.16M	157.297M	225.28M	156.93M	199.32M	157.057M

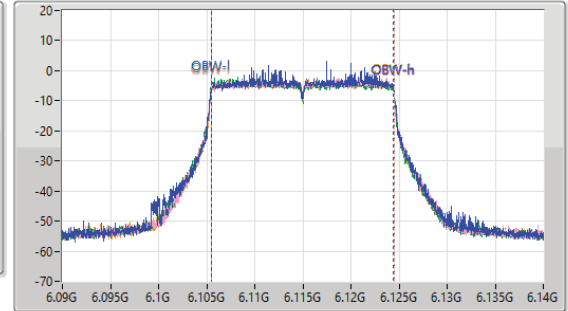
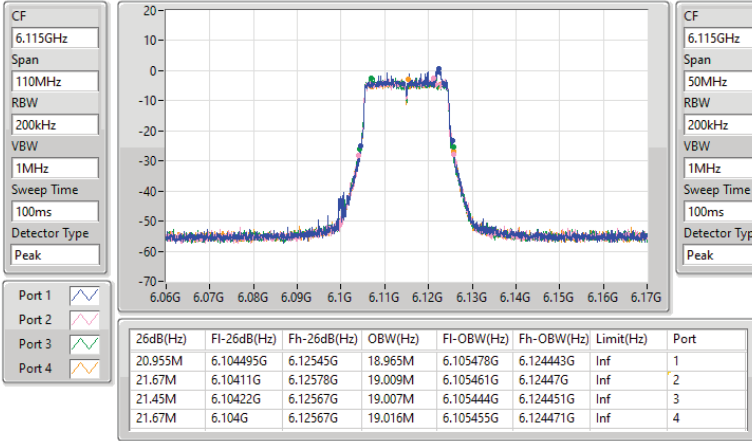
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

EBW

6115MHz

12/04/2023

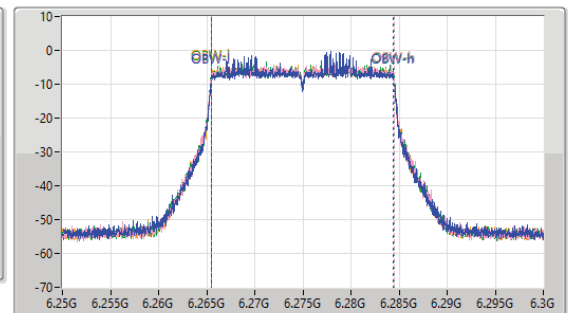
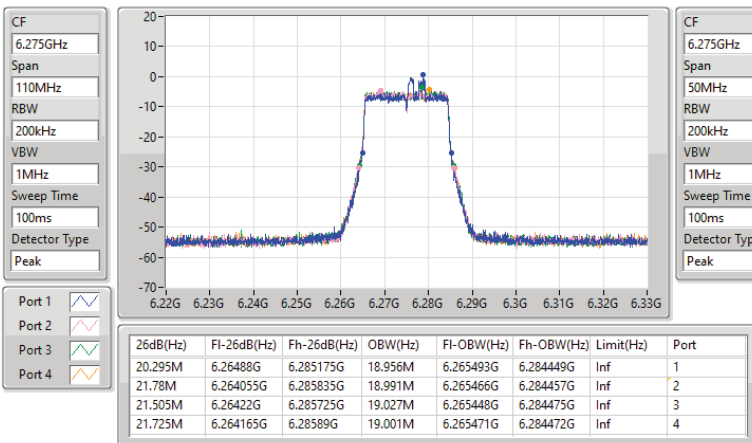


5.925-6.425GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

EBW

6275MHz

12/04/2023

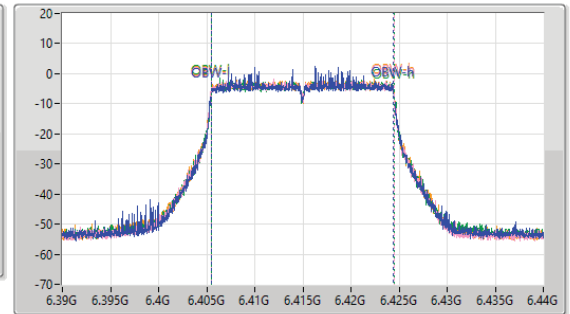
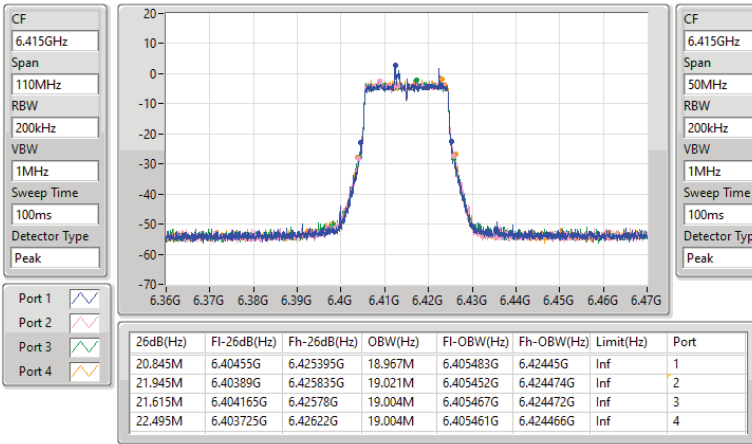


5.925-6.425GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6415MHz

10/04/2023

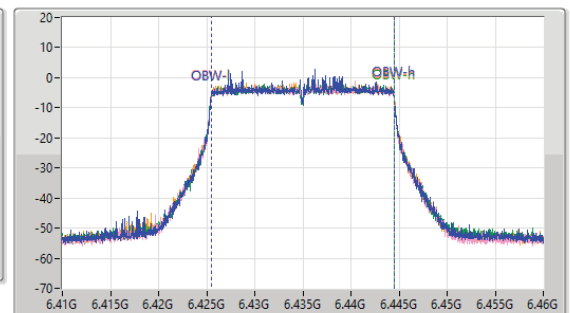
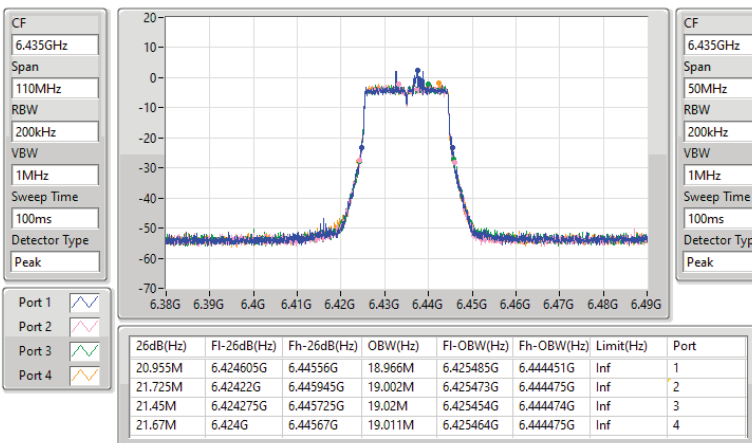


6.425-6.525GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6435MHz

10/04/2023

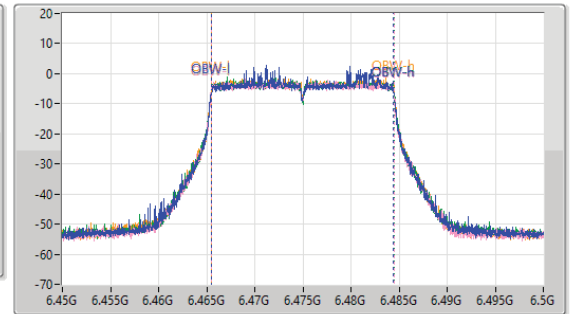
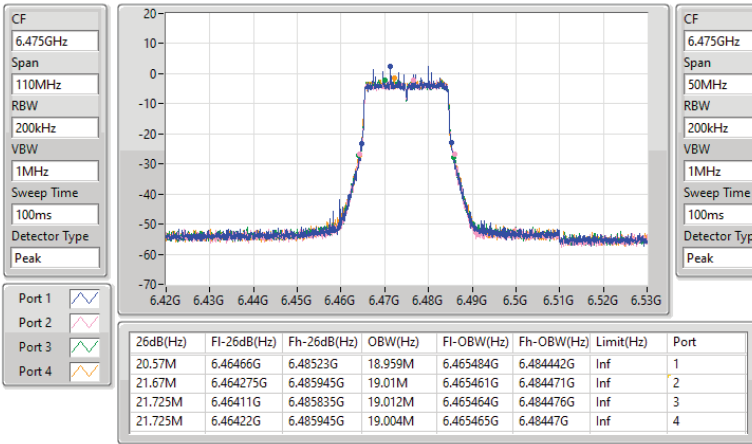


6.425-6.525GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6475MHz

10/04/2023

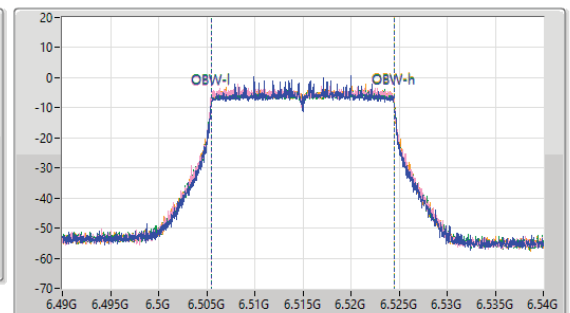
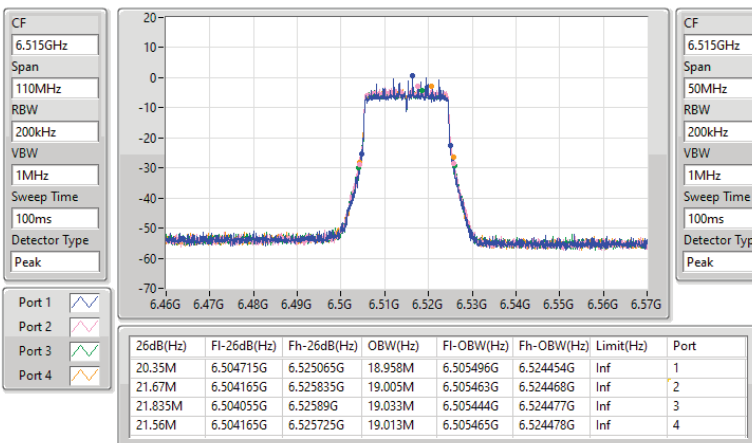


6.425-6.525GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6515MHz

10/04/2023



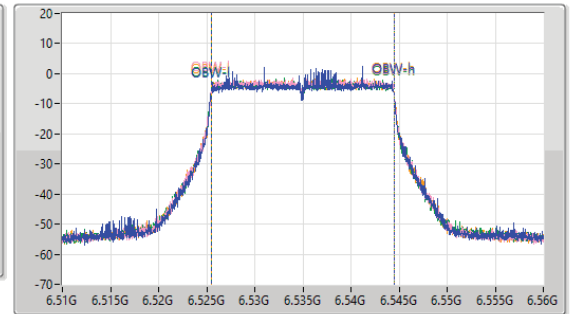
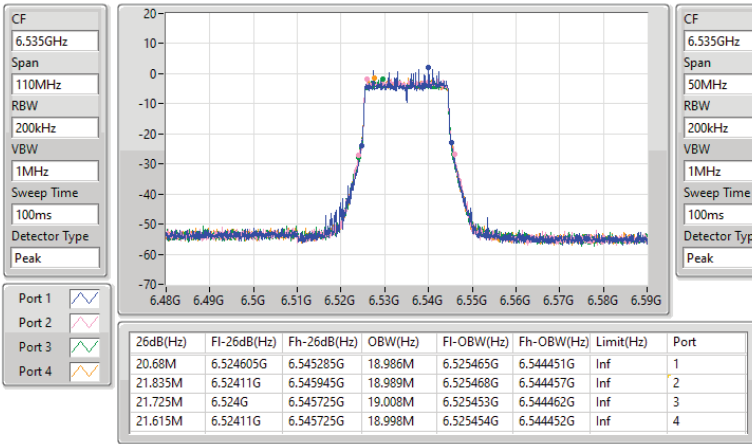


6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6535MHz

10/04/2023

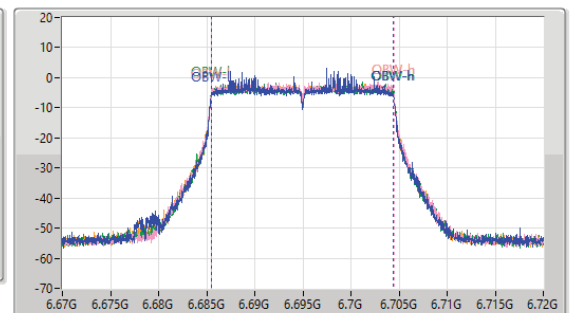
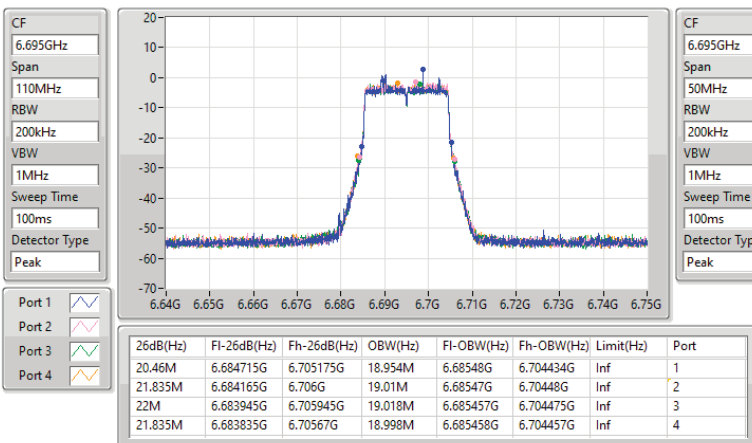


6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6695MHz

11/04/2023

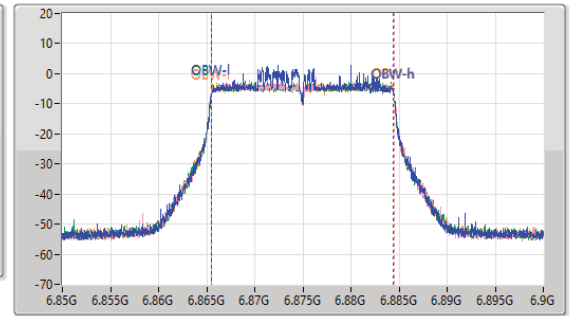
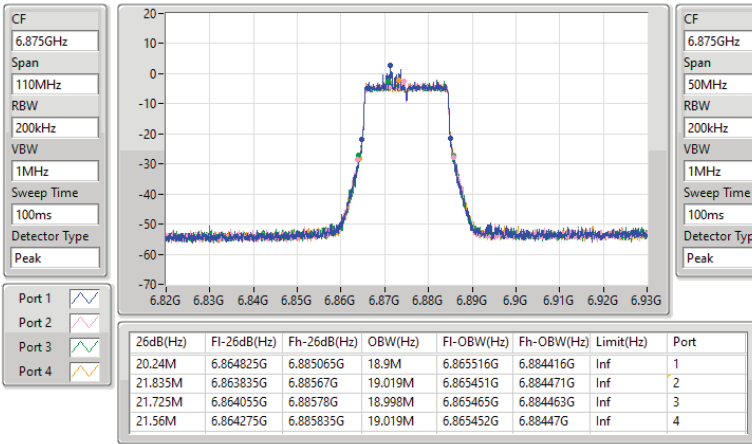


6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6875MHz

11/04/2023

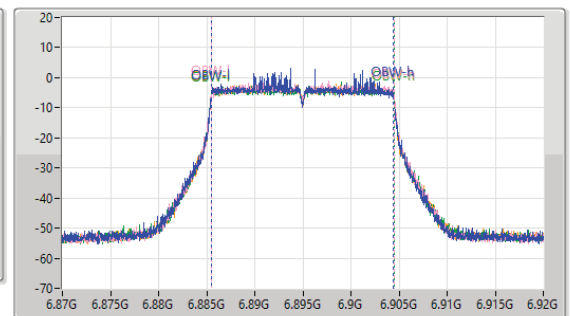
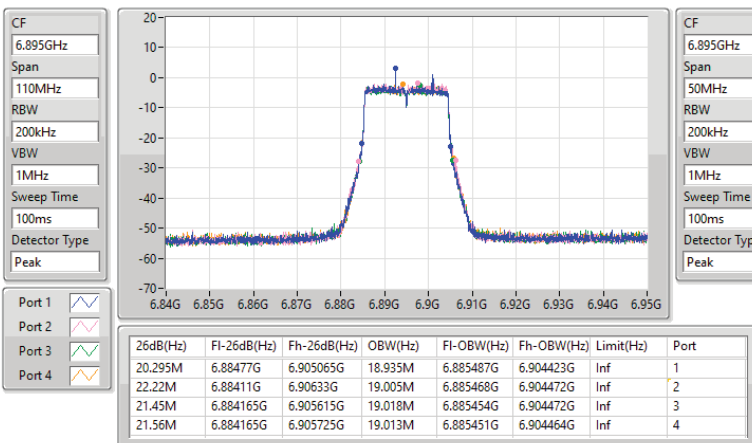


6.875-7.125GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6895MHz

11/04/2023

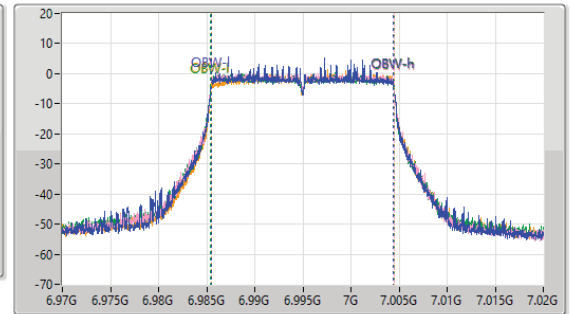
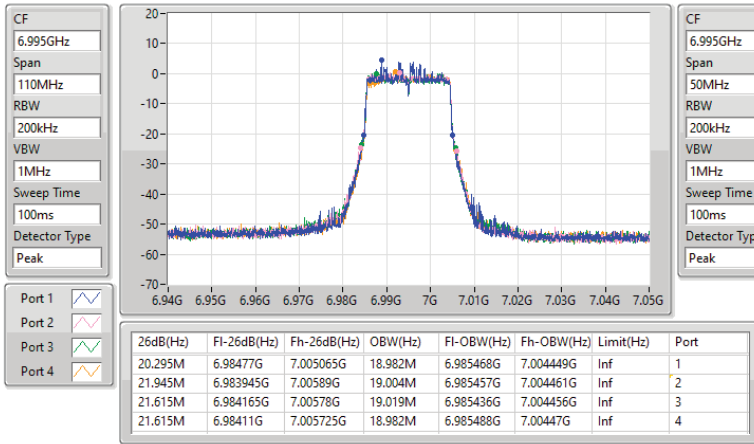


6.875-7.125GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6995MHz

11/04/2023

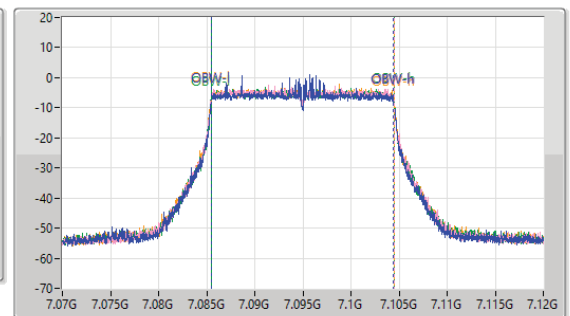
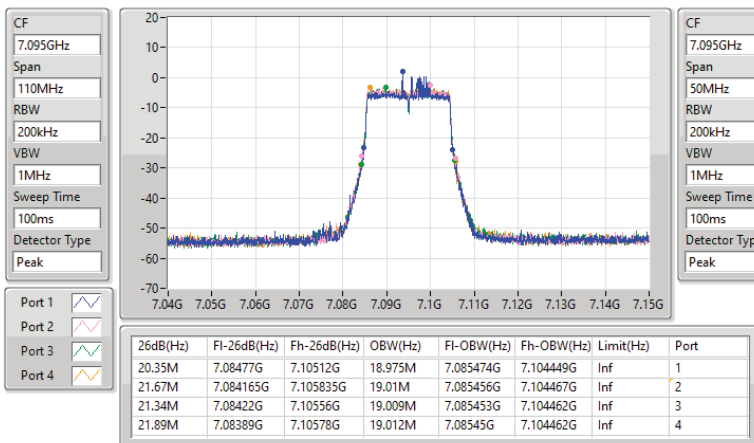


6.875-7.125GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

7095MHz

11/04/2023



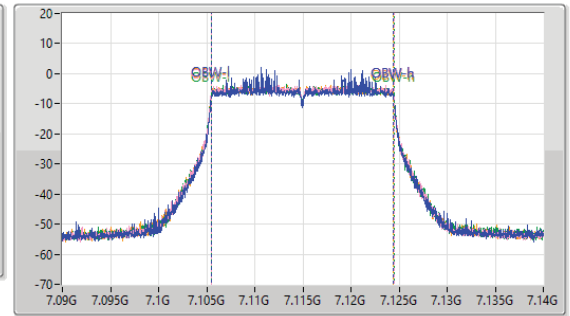
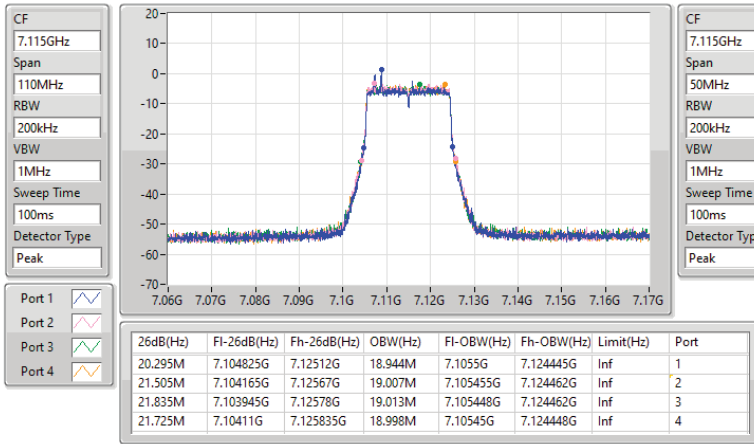


6.875-7.125GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

7115MHz

11/04/2023

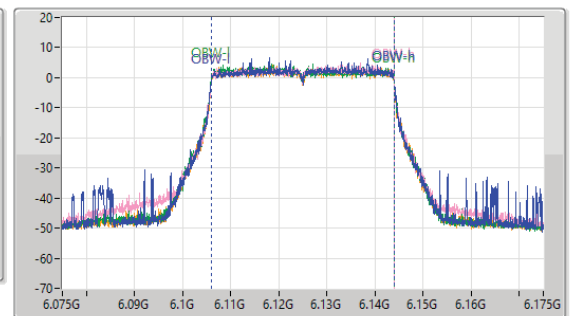
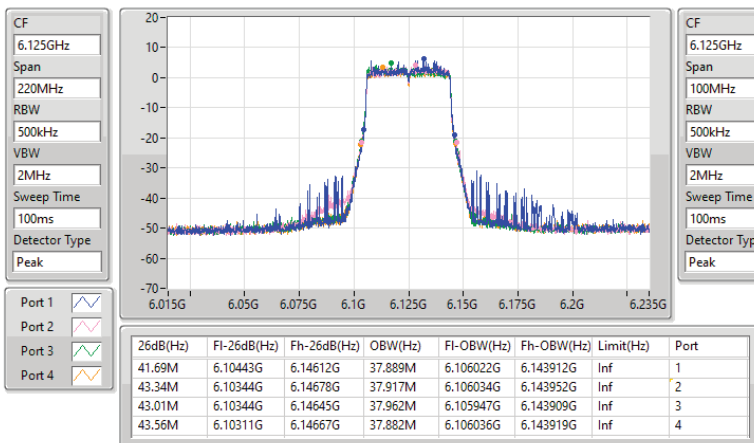


5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6125MHz

12/04/2023



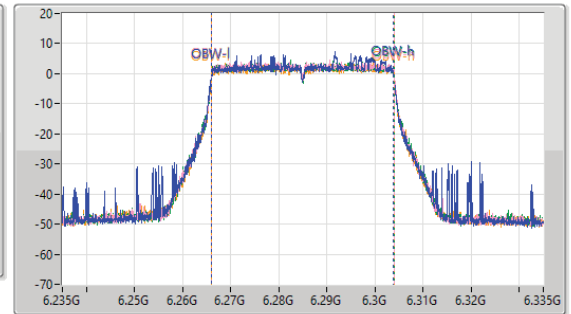
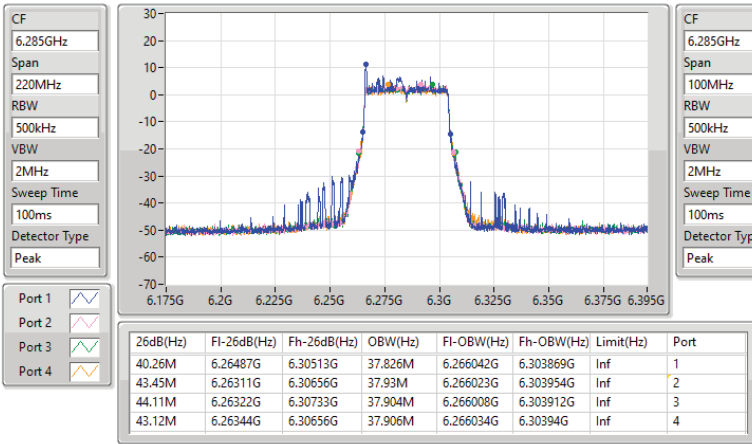


5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6285MHz

12/04/2023

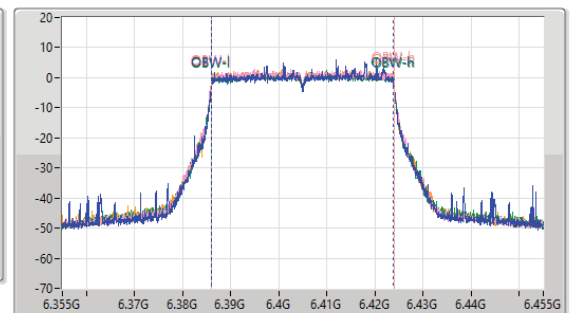
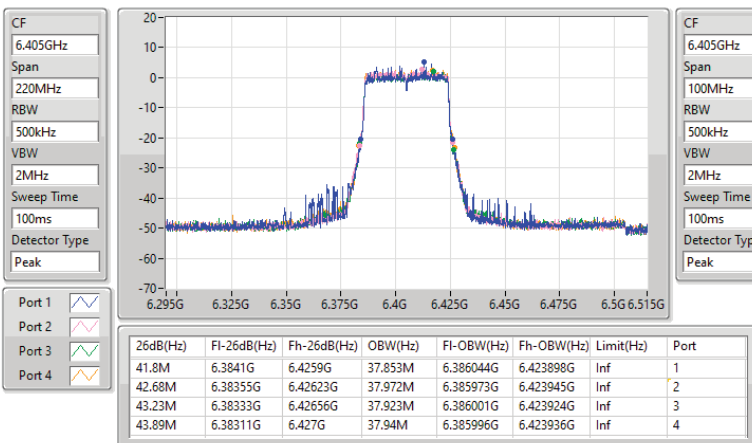


5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6405MHz

11/04/2023



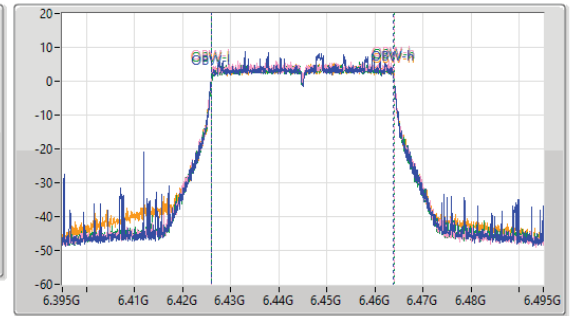
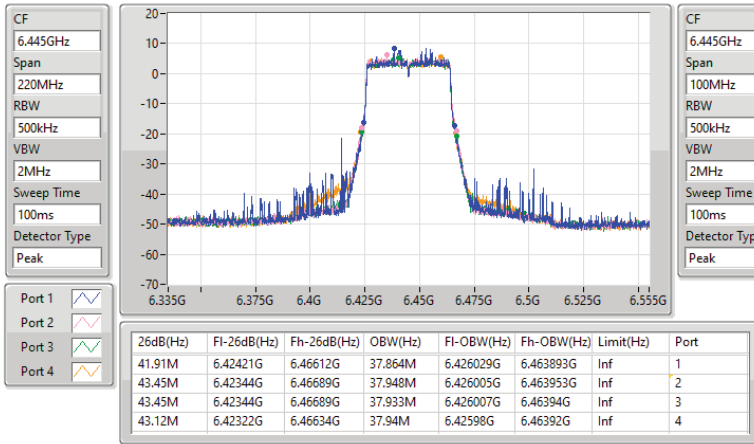


6.425-6.525GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6445MHz

11/04/2023

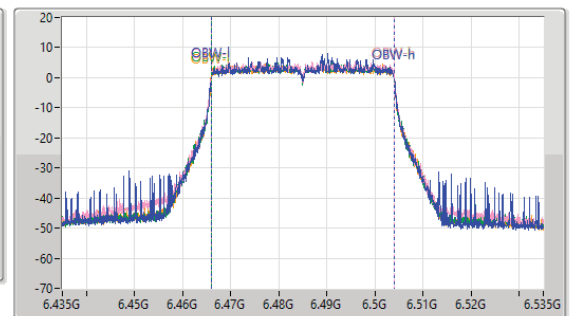
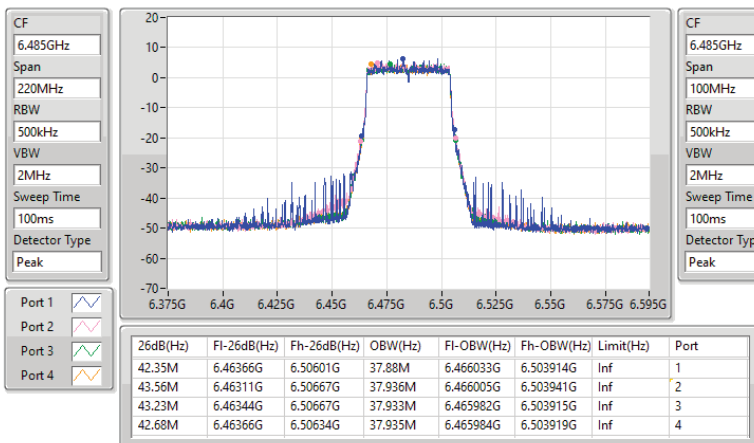


6.425-6.525GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6485MHz

11/04/2023



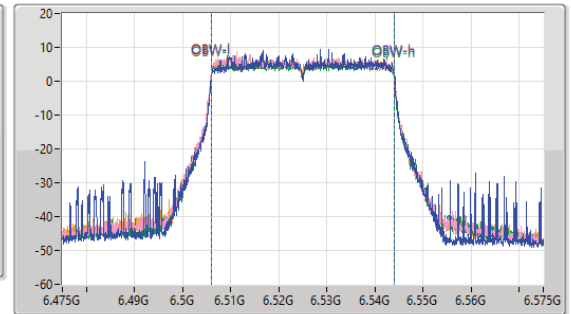
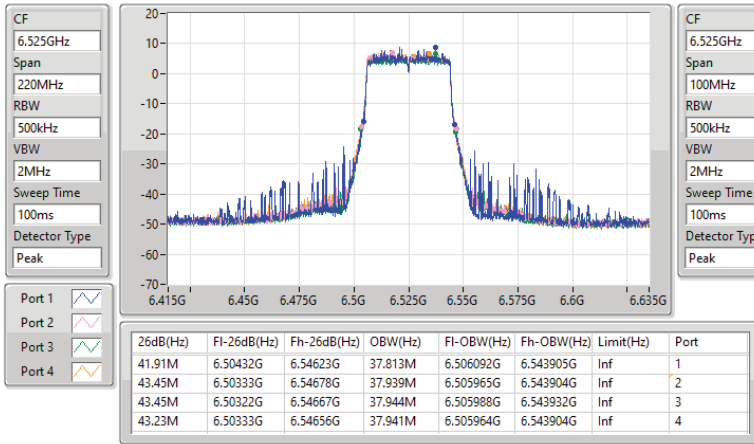


6.425-6.525GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6525MHz

11/04/2023

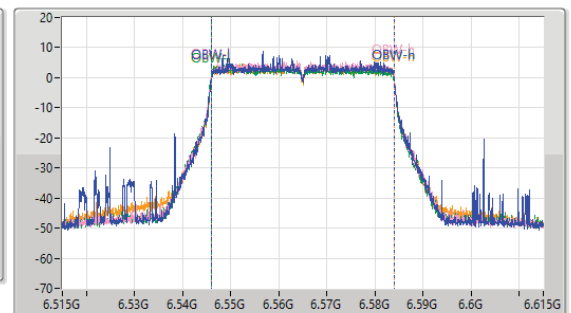
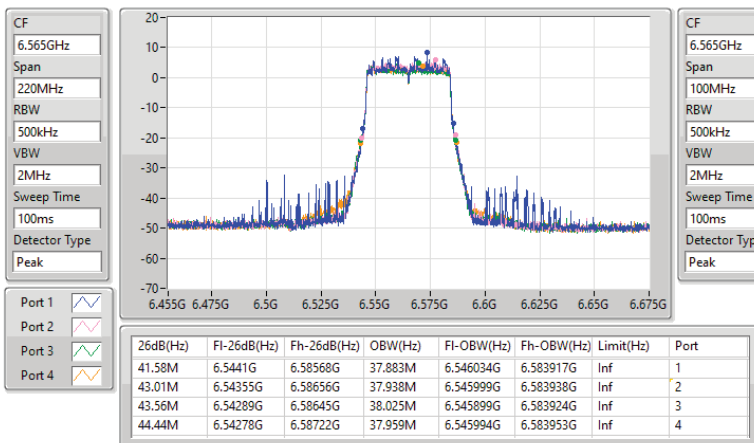


6.525-6.875GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6565MHz

11/04/2023



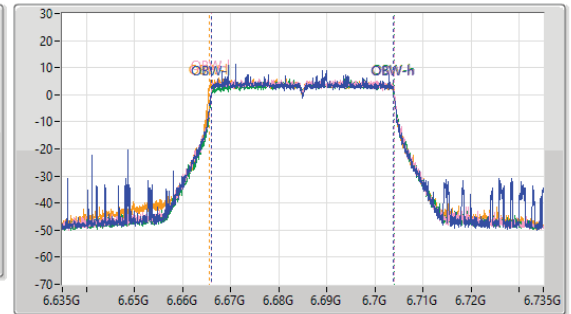
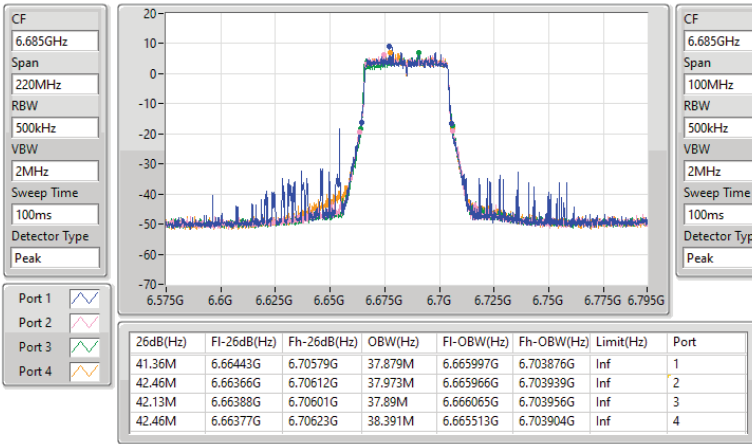


6.525-6.875GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6685MHz

11/04/2023

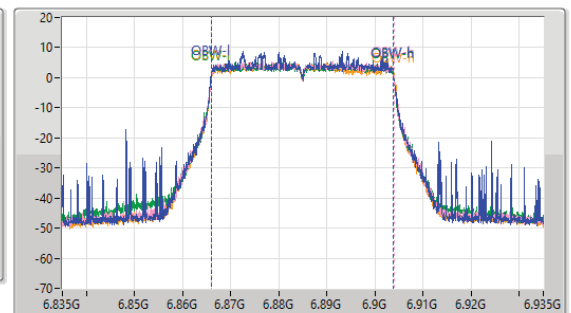
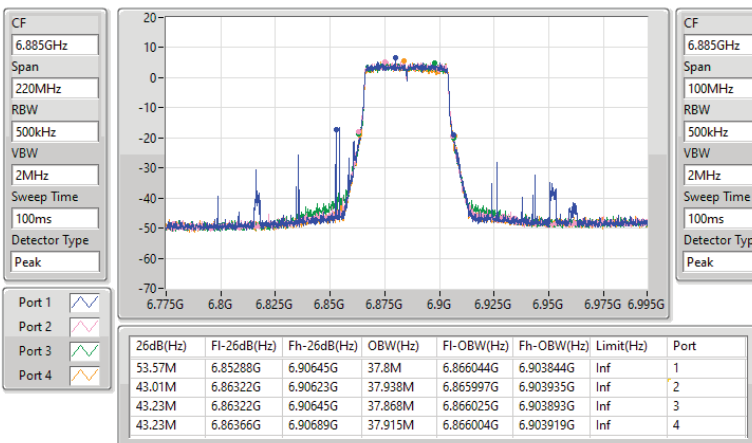


6.525-6.875GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6885MHz

11/04/2023

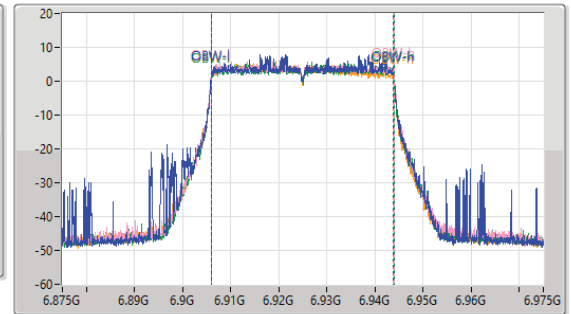
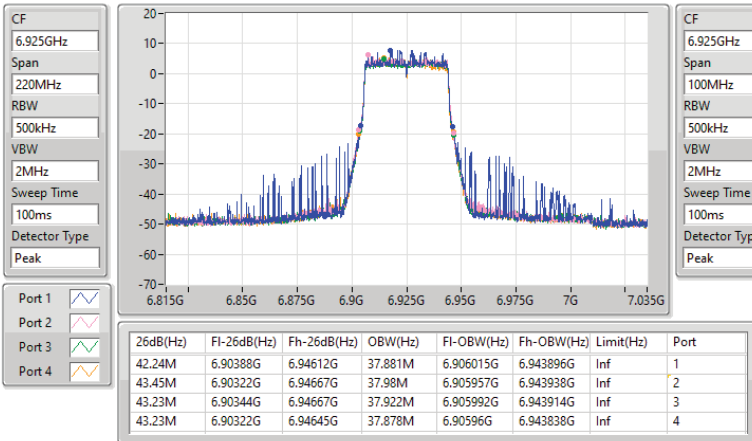


6.875-7.125GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6925MHz

11/04/2023

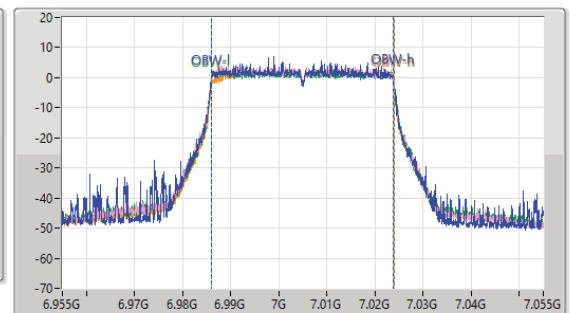
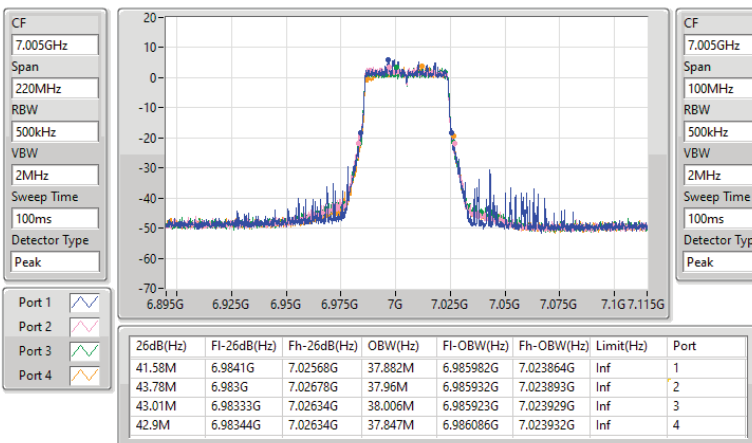


6.875-7.125GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

7005MHz

11/04/2023



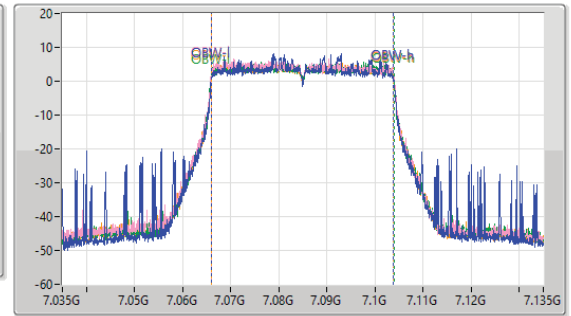
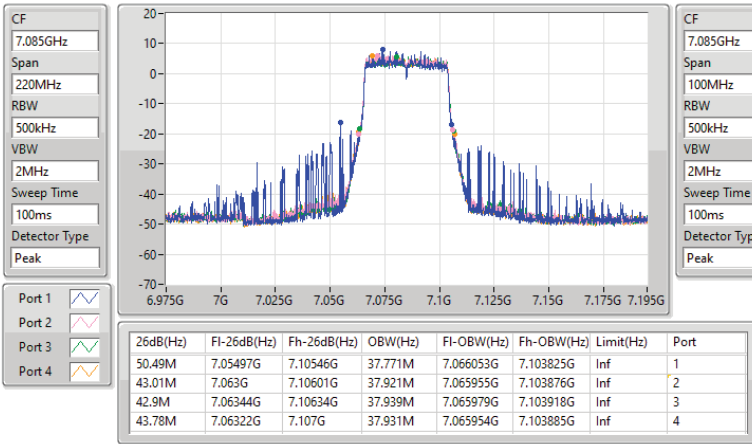


6.875-7.125GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

7085MHz

11/04/2023

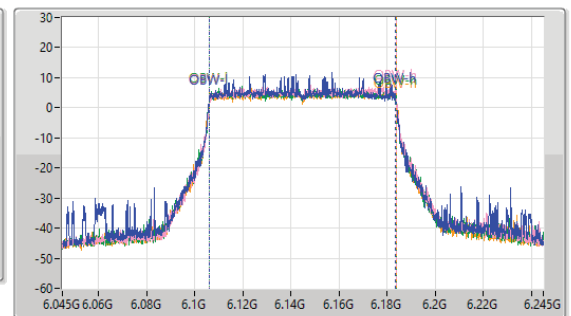
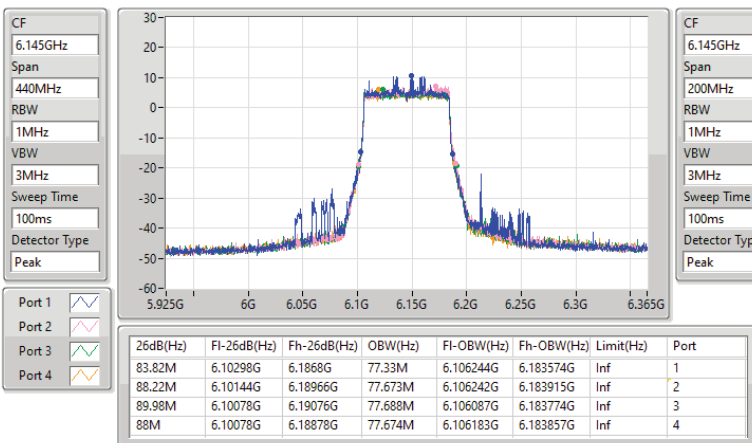


5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6145MHz

12/04/2023



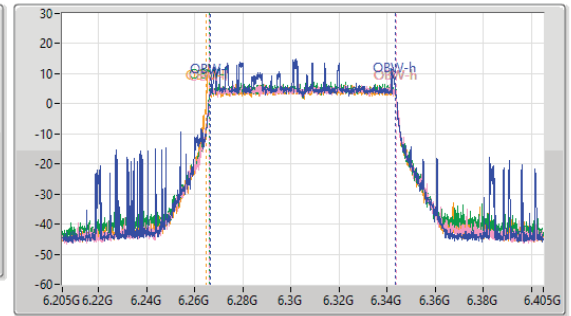
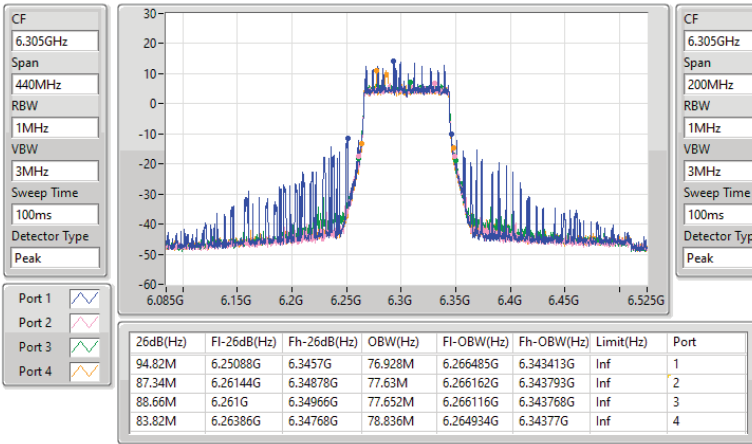


5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6305MHz

12/04/2023

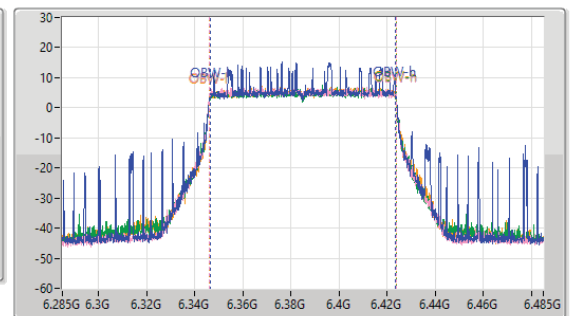
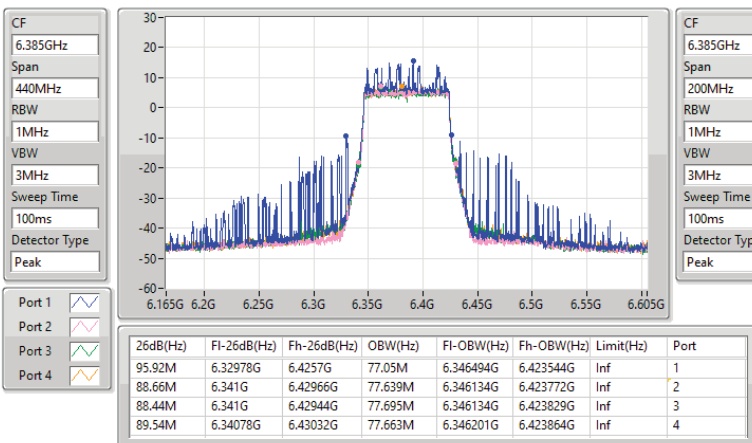


5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6385MHz

11/04/2023



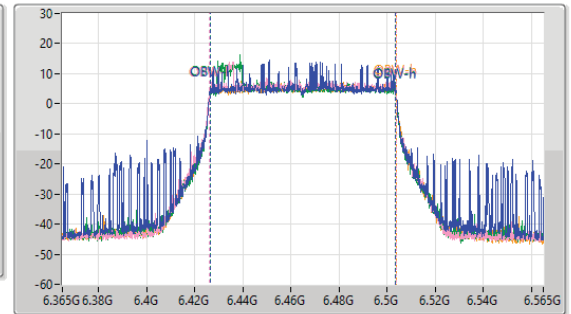
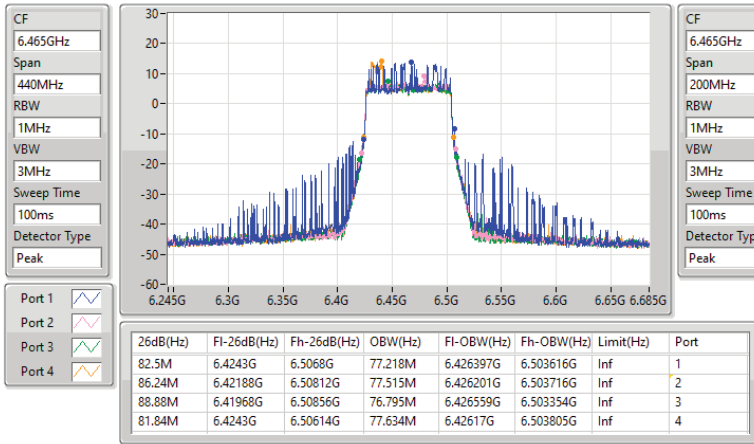


6.425-6.525GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6465MHz

11/04/2023

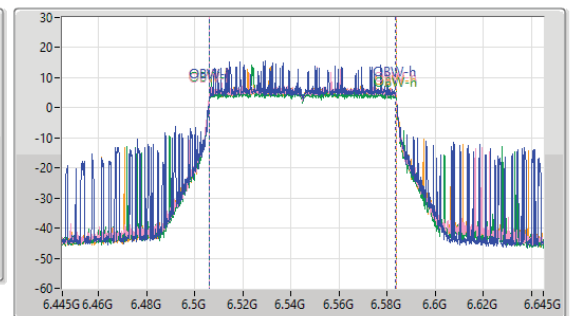
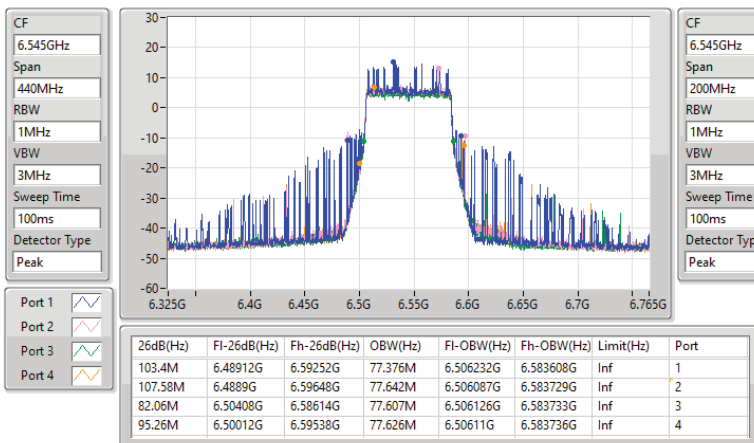


6.425-6.525GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6545MHz

11/04/2023



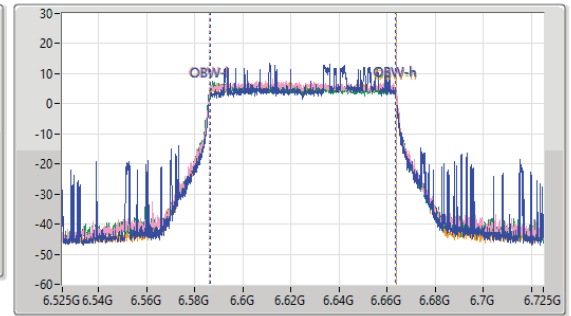
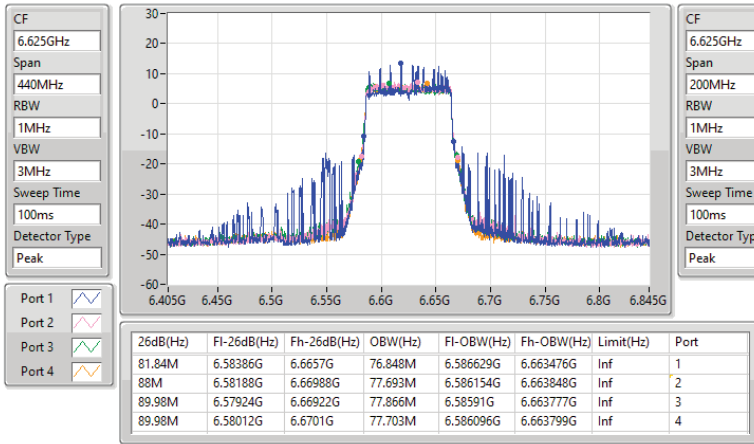


6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6625MHz

11/04/2023

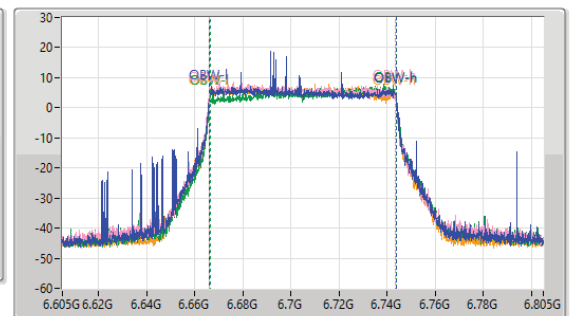
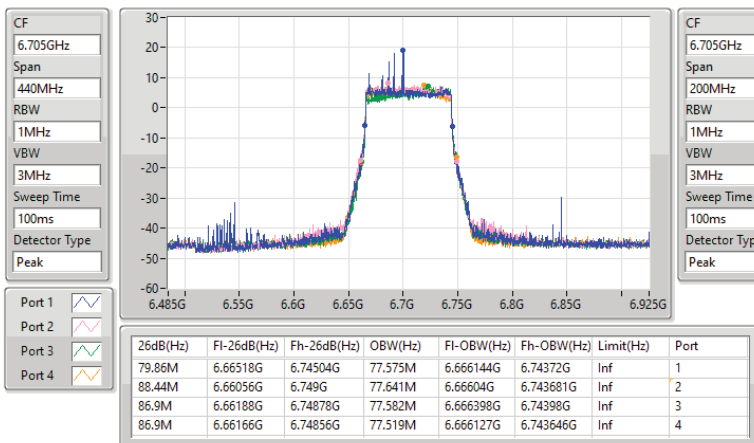


6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6705MHz

11/04/2023



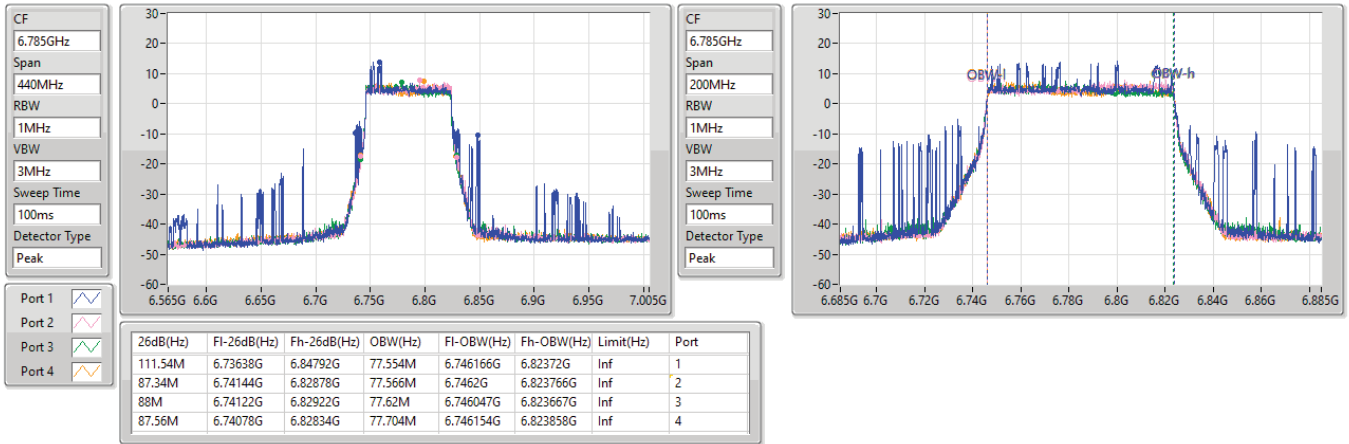


6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6785MHz

11/04/2023

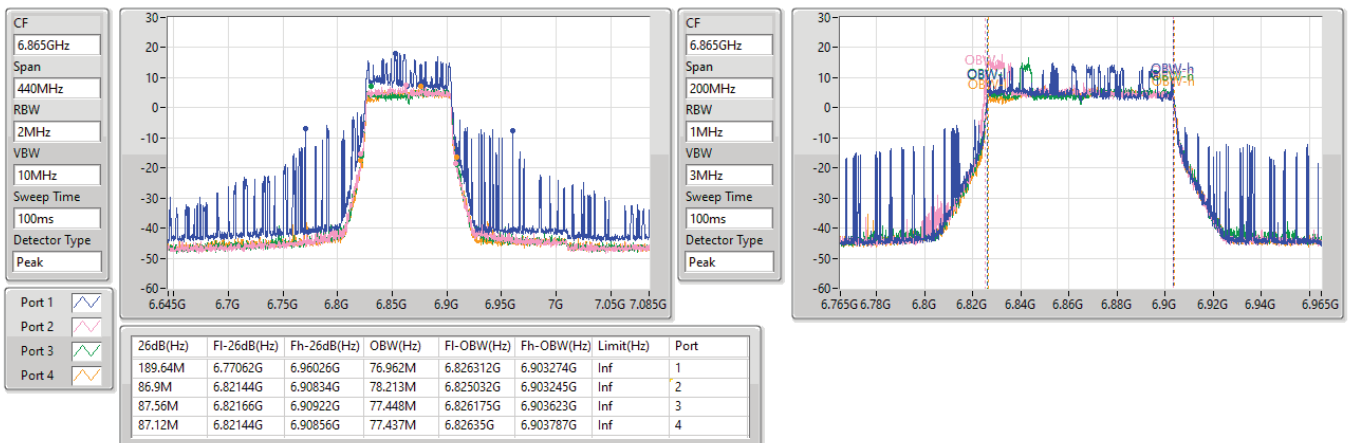


6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6865MHz

11/04/2023



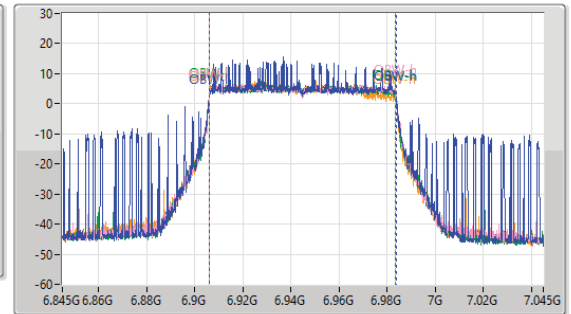
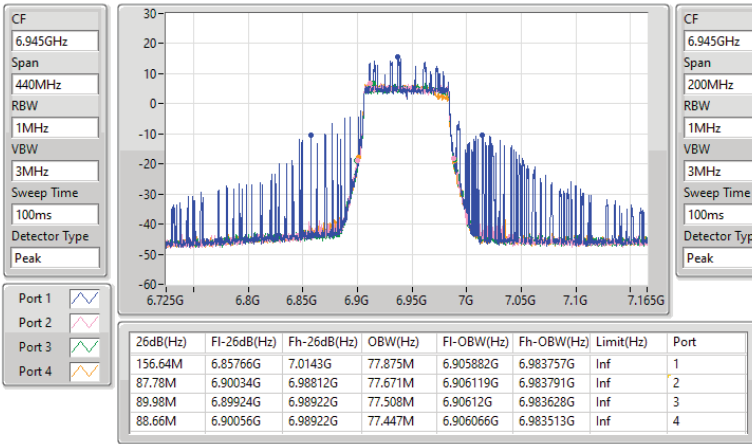


6.875-7.125GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6945MHz

11/04/2023

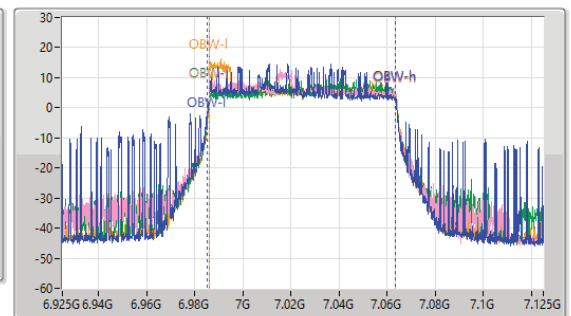
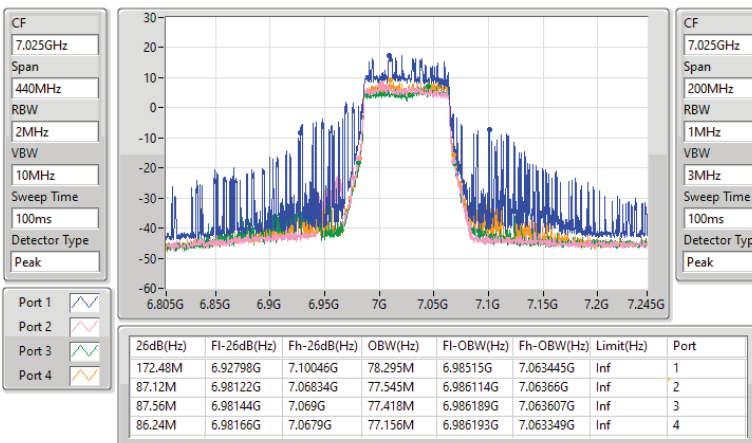


6.875-7.125GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

7025MHz

11/04/2023



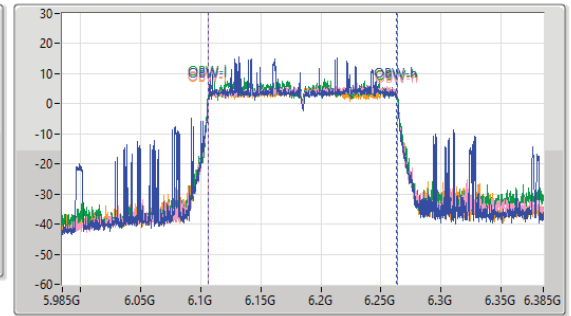
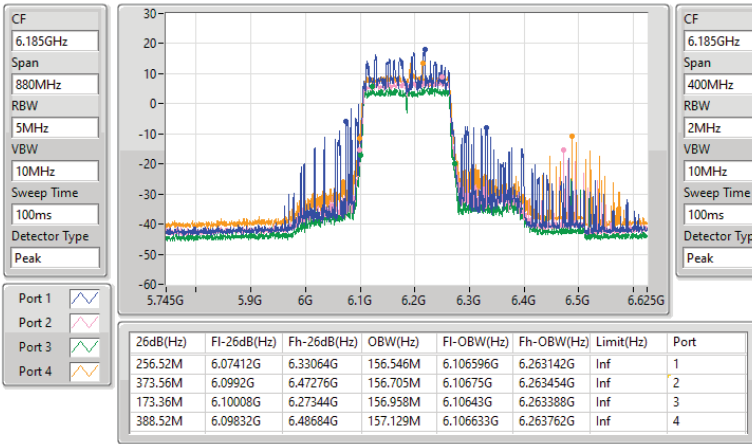


5.925-6.425GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

6185MHz

11/04/2023

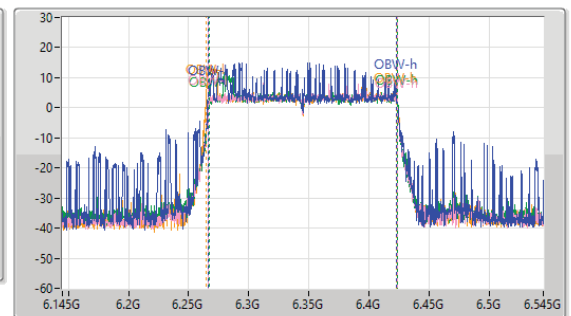
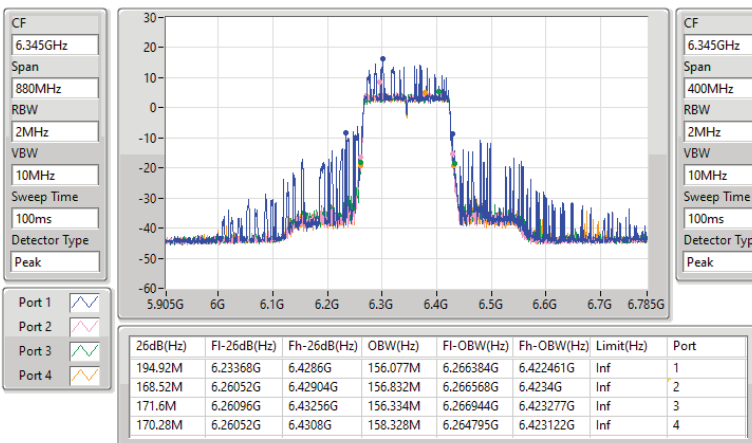


5.925-6.425GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

6345MHz

11/04/2023



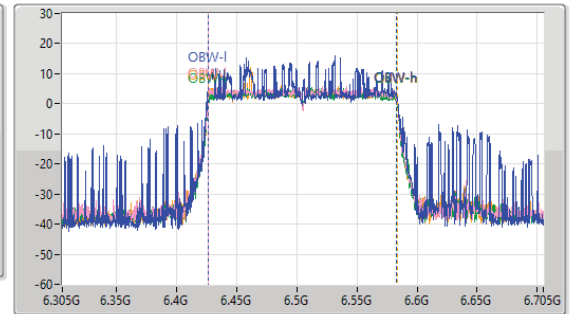
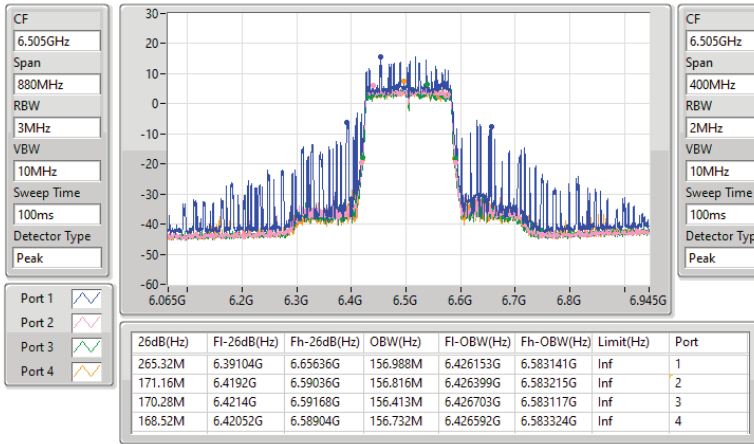


6.425-6.525GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

6505MHz

11/04/2023

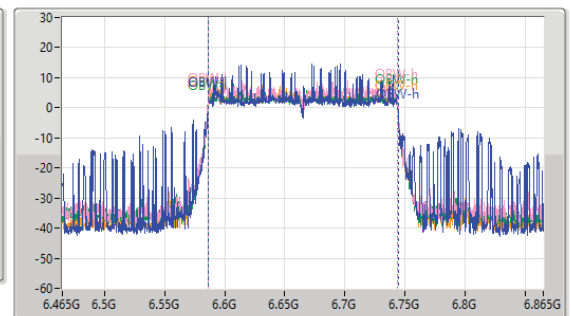
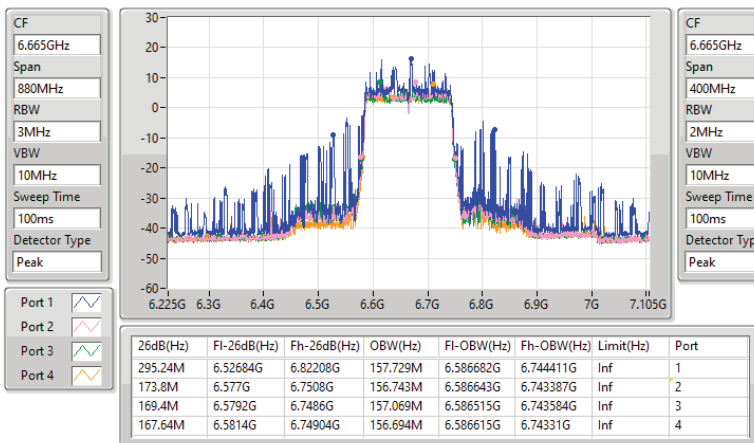


6.525-6.875GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

6665MHz

11/04/2023



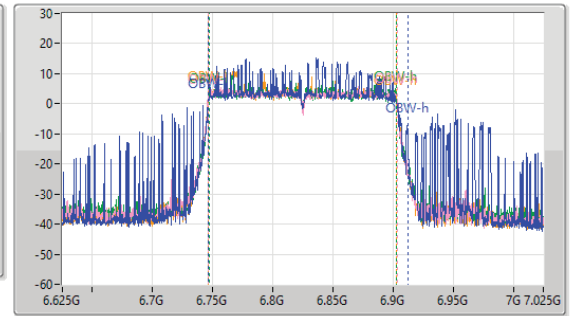
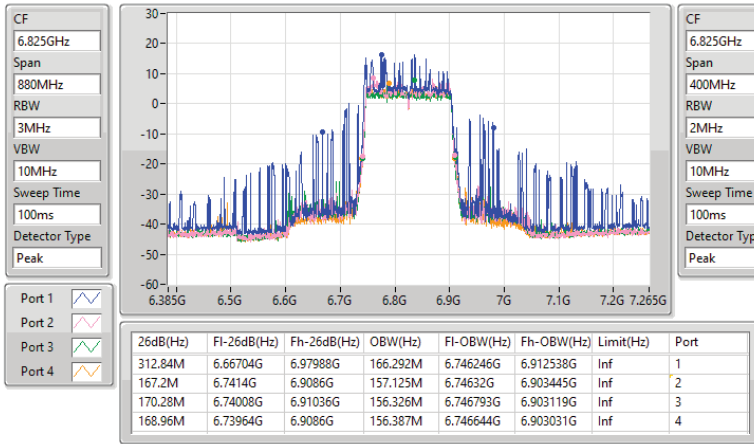


6.525-6.875GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

6825MHz

11/04/2023

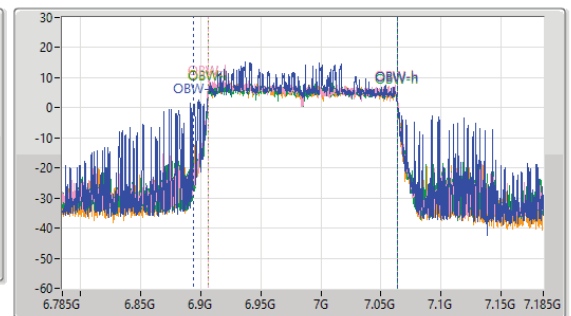
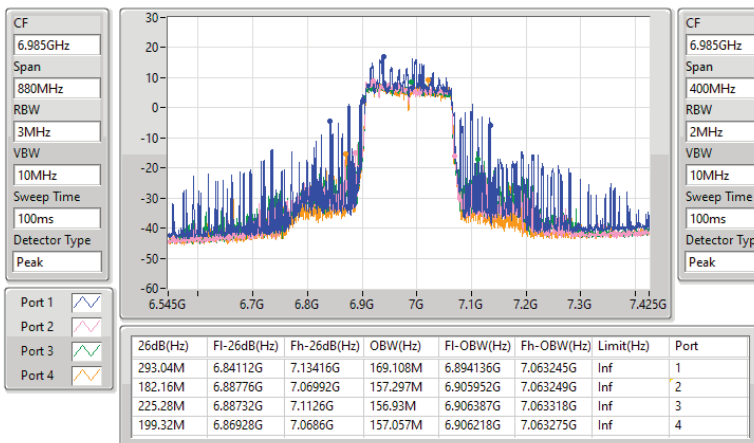


6.875-7.125GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

6985MHz

11/04/2023



**Summary**

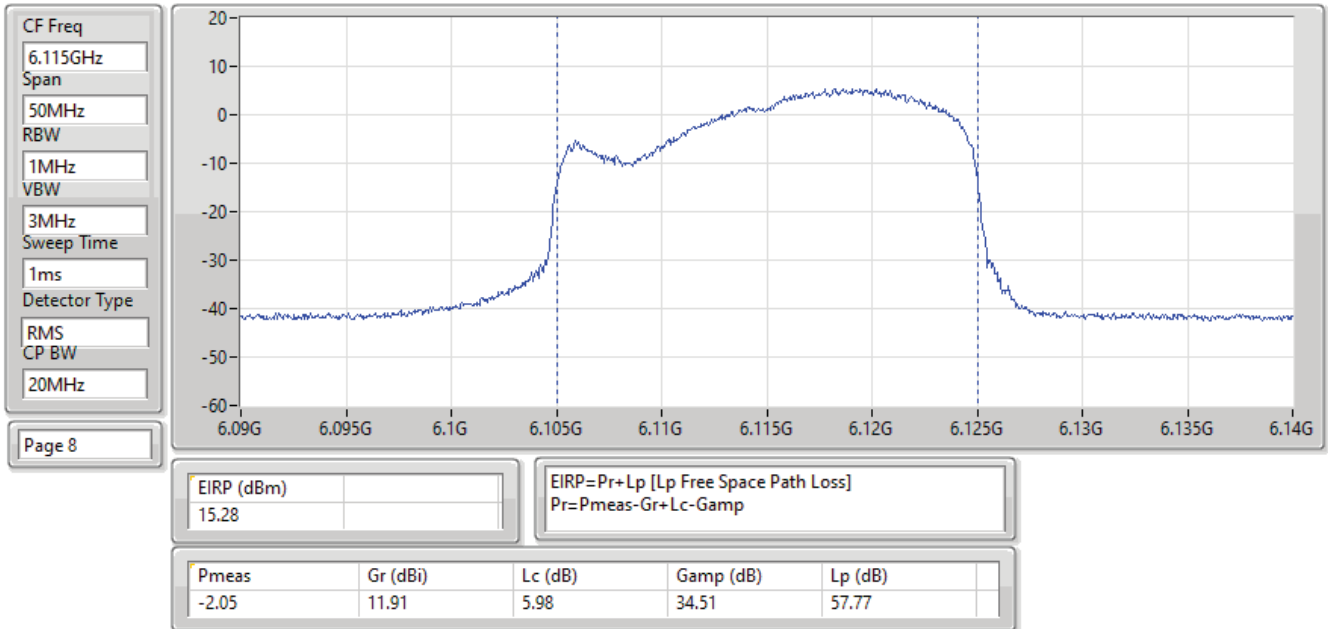
Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	17.09	0.05117
802.11ax HEW40_Nss1,(MCS0)_4TX	20.54	0.11324
802.11ax HEW80_Nss1,(MCS0)_4TX	23.33	0.21528
802.11ax HEW160_Nss1,(MCS0)_4TX	24.74	0.29785
6.425-6.525GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	13.46	0.02218
802.11ax HEW40_Nss1,(MCS0)_4TX	16.89	0.04887
802.11ax HEW80_Nss1,(MCS0)_4TX	21.72	0.14859
802.11ax HEW160_Nss1,(MCS0)_4TX	24.61	0.28907
6.525-6.875GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	14.05	0.02541
802.11ax HEW40_Nss1,(MCS0)_4TX	17.06	0.05082
802.11ax HEW80_Nss1,(MCS0)_4TX	21.23	0.13274
802.11ax HEW160_Nss1,(MCS0)_4TX	23.90	0.24547
6.875-7.125GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	14.22	0.02642
802.11ax HEW40_Nss1,(MCS0)_4TX	16.05	0.04027
802.11ax HEW80_Nss1,(MCS0)_4TX	20.70	0.11749
802.11ax HEW160_Nss1,(MCS0)_4TX	23.00	0.19953

**Result**

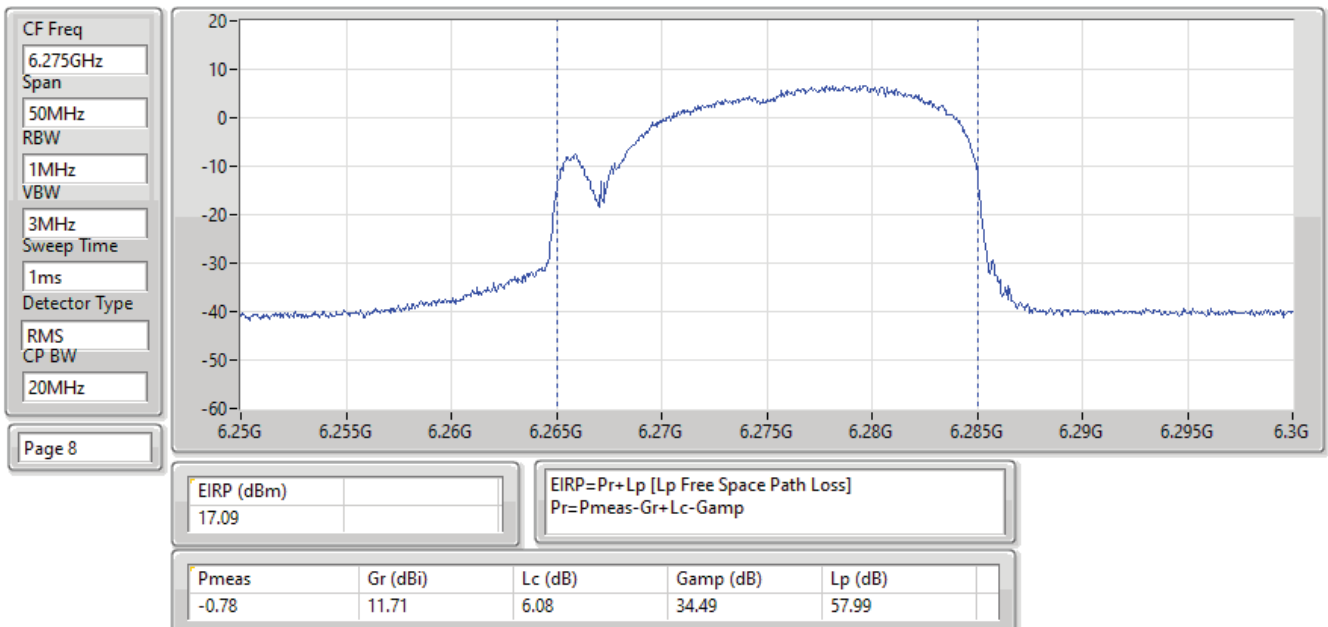
Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-
6115MHz	Pass	15.28	30.00
6275MHz	Pass	17.09	30.00
6415MHz	Pass	13.50	30.00
6435MHz	Pass	12.03	30.00
6475MHz	Pass	13.43	30.00
6515MHz	Pass	13.46	30.00
6535MHz	Pass	14.05	30.00
6695MHz	Pass	12.32	30.00
6875MHz Straddle 6.525-6.875GHz	Pass	12.37	30.00
6895MHz	Pass	11.82	30.00
6995MHz	Pass	12.10	30.00
7095MHz	Pass	12.19	30.00
7115MHz	Pass	14.22	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-
6125MHz	Pass	19.74	30.00
6285MHz	Pass	20.54	30.00
6405MHz	Pass	17.23	30.00
6445MHz	Pass	16.84	30.00
6485MHz	Pass	16.89	30.00
6525MHz Straddle 6.425-6.525GHz	Pass	15.99	30.00
6565MHz	Pass	17.06	30.00
6685MHz	Pass	16.13	30.00
6885MHz Straddle 6.525-6.875GHz	Pass	14.92	30.00
6925MHz	Pass	14.51	30.00
7005MHz	Pass	16.05	30.00
7085MHz	Pass	14.81	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-
6145MHz	Pass	21.29	30.00
6305MHz	Pass	23.33	30.00
6385MHz	Pass	19.99	30.00
6465MHz	Pass	20.47	30.00
6545MHz Straddle 6.425-6.525GHz	Pass	21.72	30.00
6625MHz	Pass	21.23	30.00
6705MHz	Pass	20.97	30.00
6785MHz	Pass	20.23	30.00
6865MHz Straddle 6.525-6.875GHz	Pass	20.56	30.00
6945MHz	Pass	20.46	30.00
7025MHz	Pass	20.70	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-
6185MHz	Pass	24.58	30.00
6345MHz	Pass	24.74	30.00
6505MHz Straddle 6.425-6.525GHz	Pass	24.61	30.00
6665MHz	Pass	23.90	30.00
6825MHz Straddle 6.525-6.875GHz	Pass	23.13	30.00
6985MHz	Pass	23.00	30.00

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

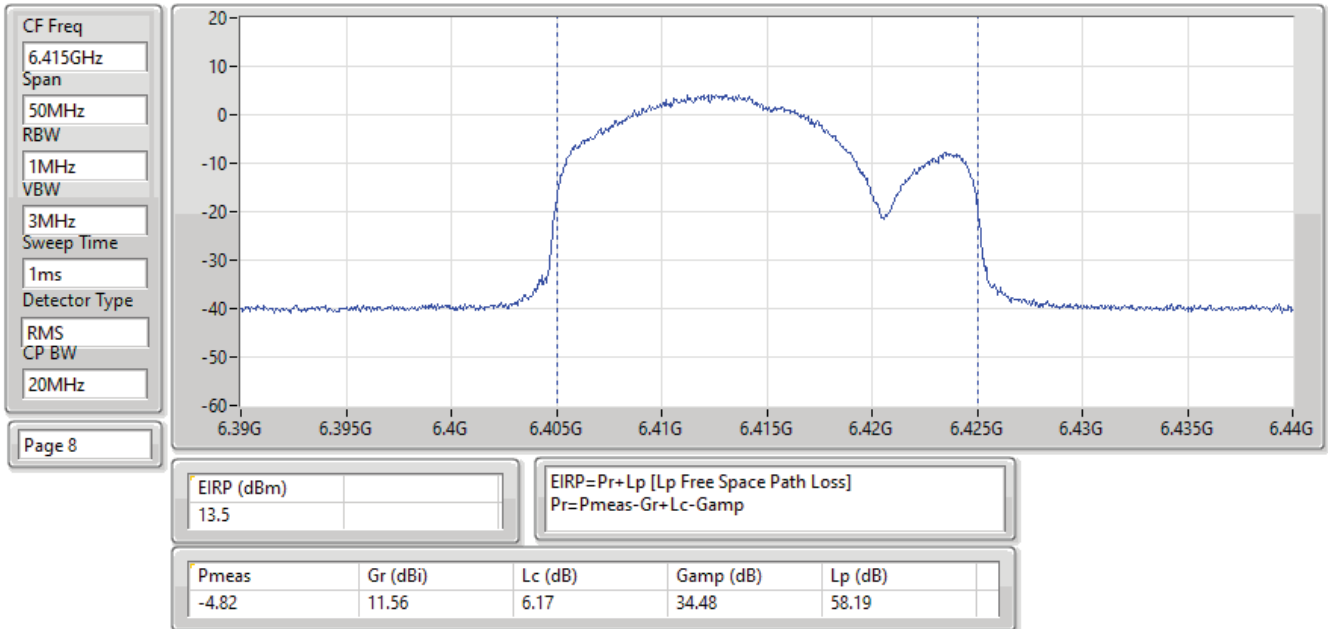
EIRP;Band:6.2G;ax20;BWch:20MHz;Nss:1;(M0);Nant:4;Ch:6115MHz;TX



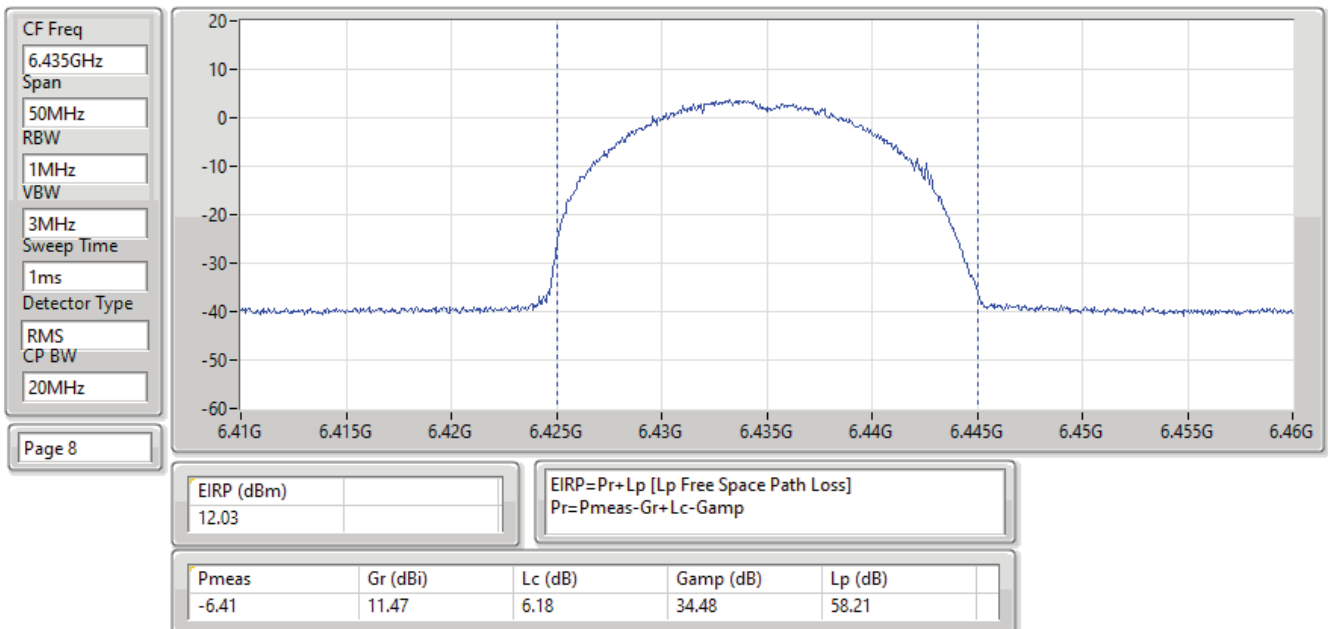
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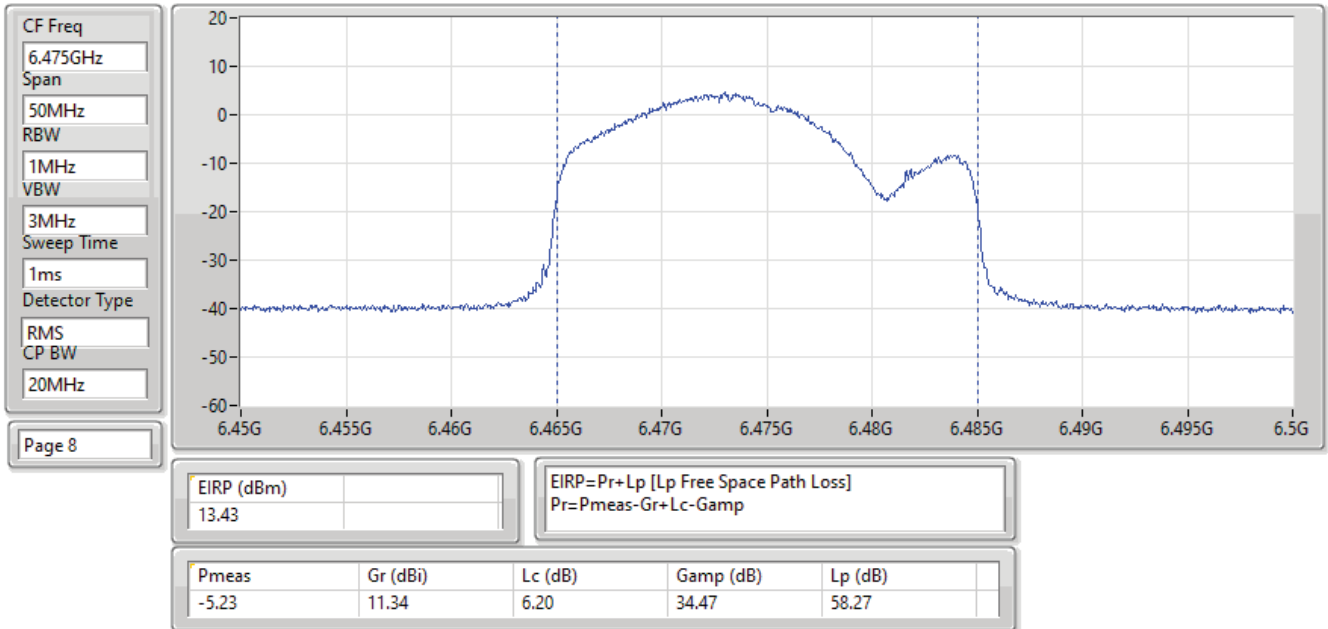
EIRP;Band:6.2G;ax20;BWch:20MHz;Nss:1;(M0);Nant:4;Ch:6415MHz;TX



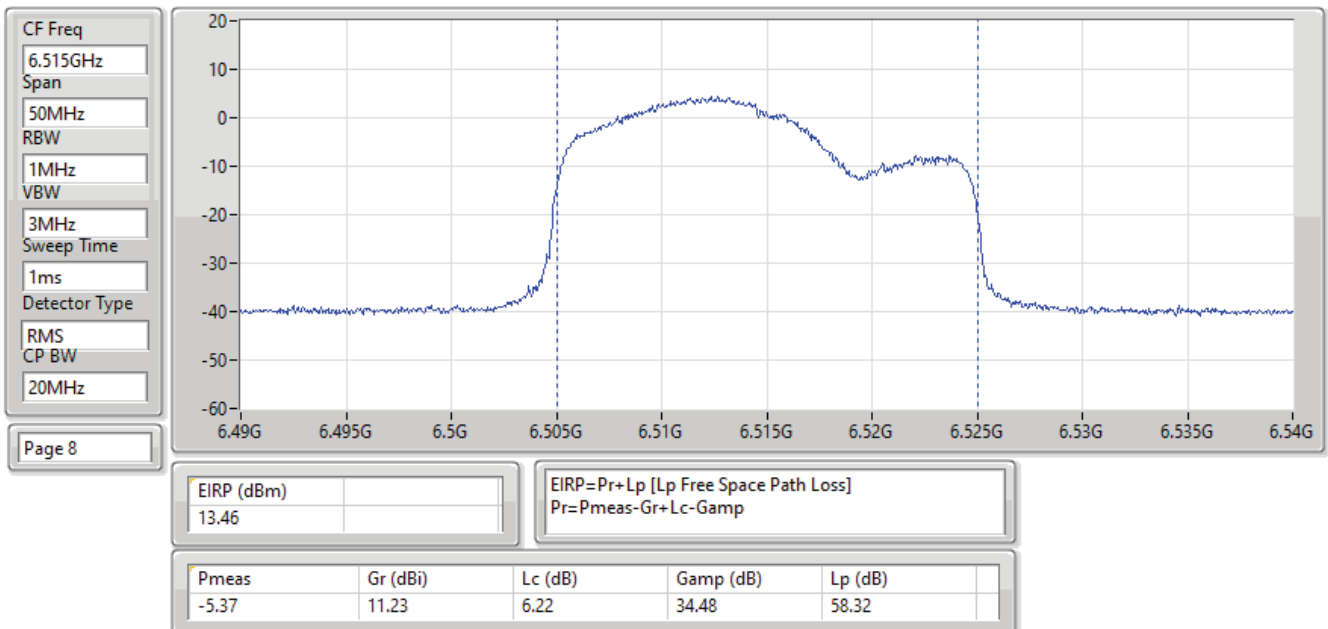
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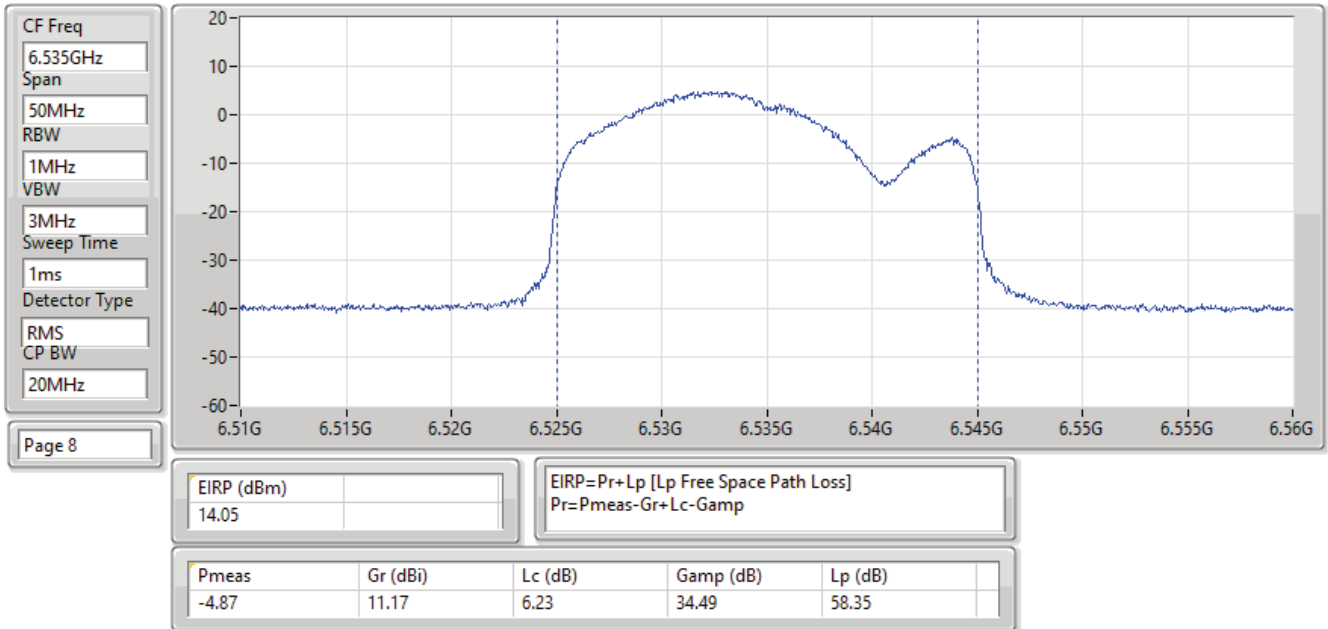
EIRP;Band:6.4G;ax20;BWch:20MHz;Nss:1;(M0);Nant:4;Ch:6475MHz;TX



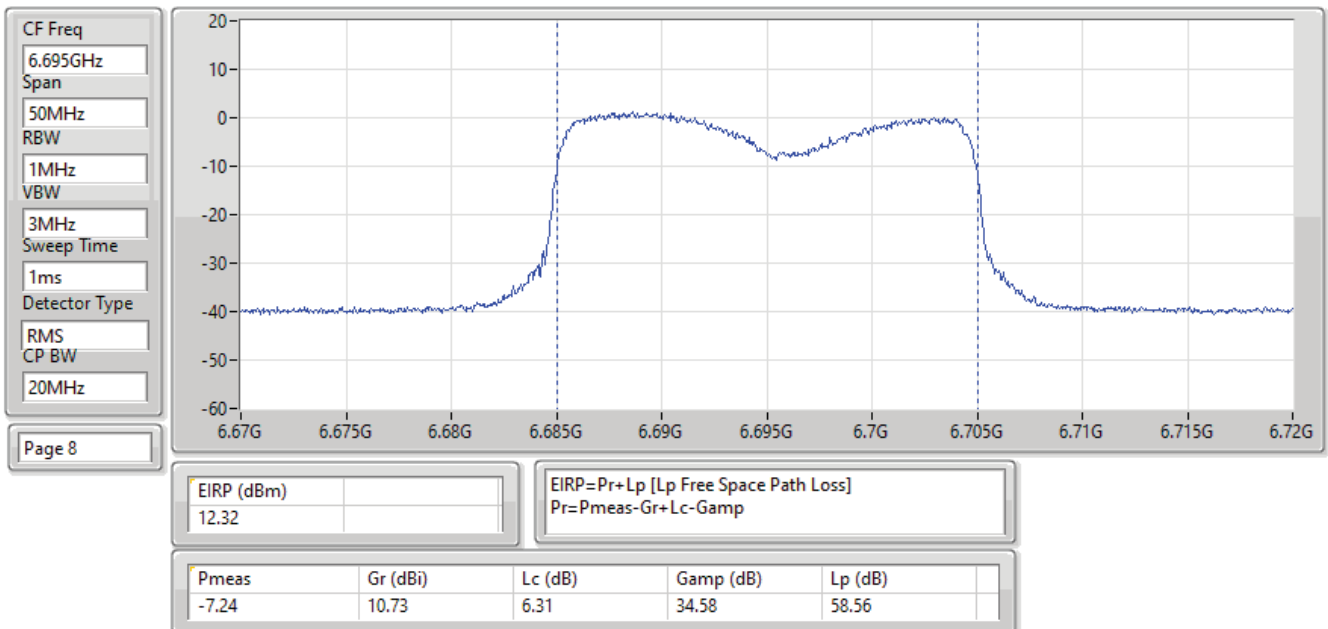
EIRP;Band:6.4G;ax20;BWch:20MHz;Nss:1;(M0);Nant:4;Ch:6515MHz;TX



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

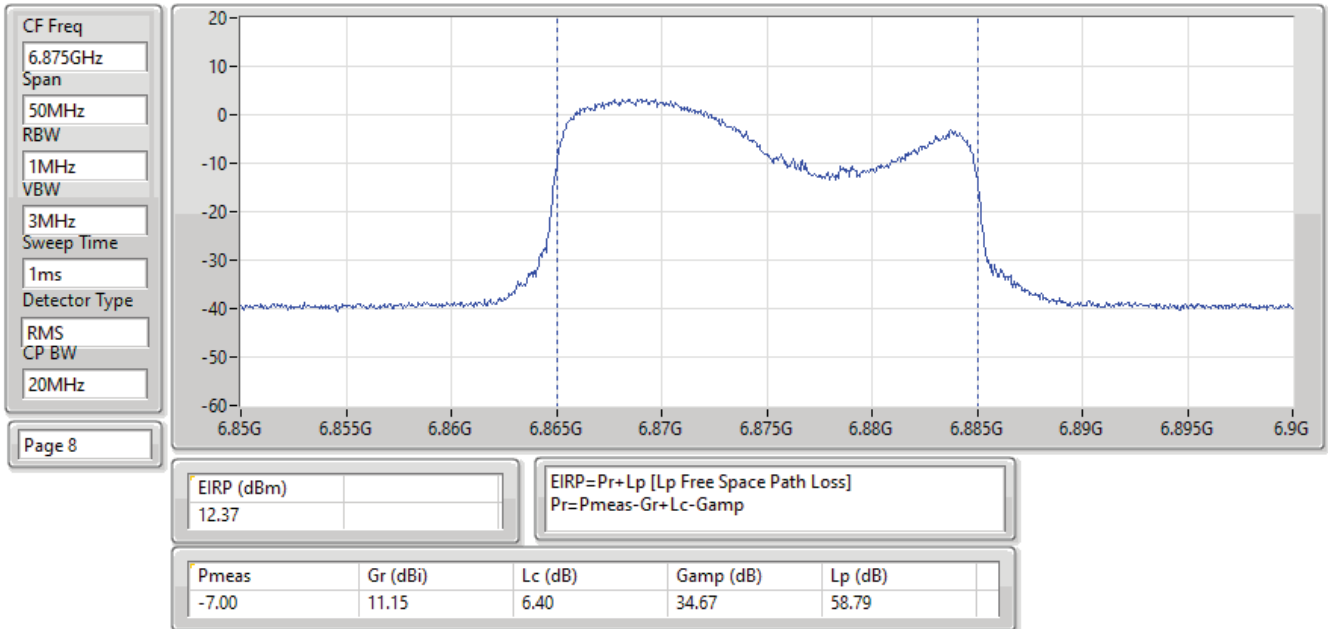


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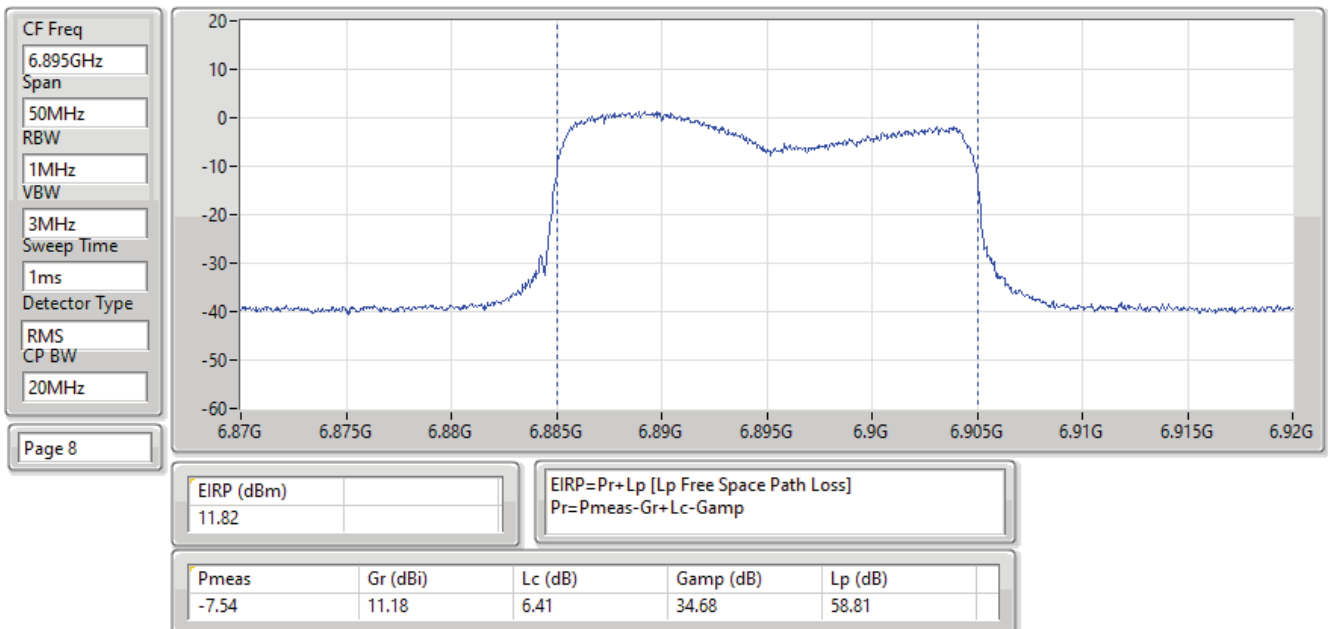




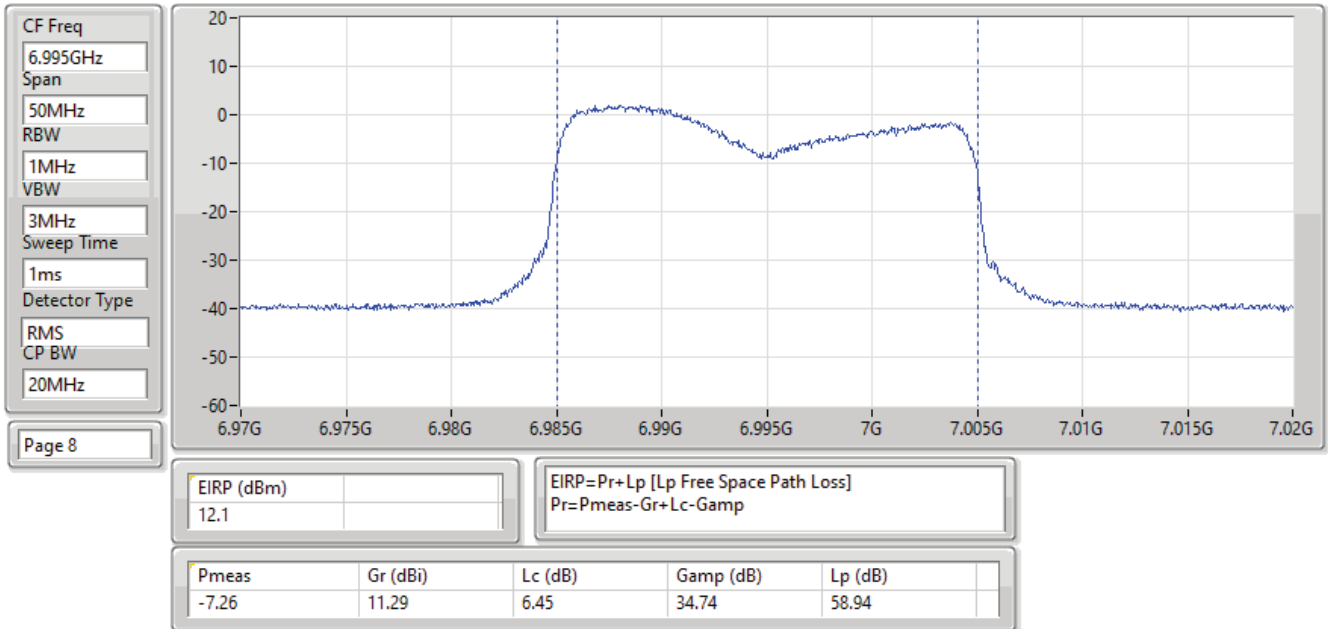
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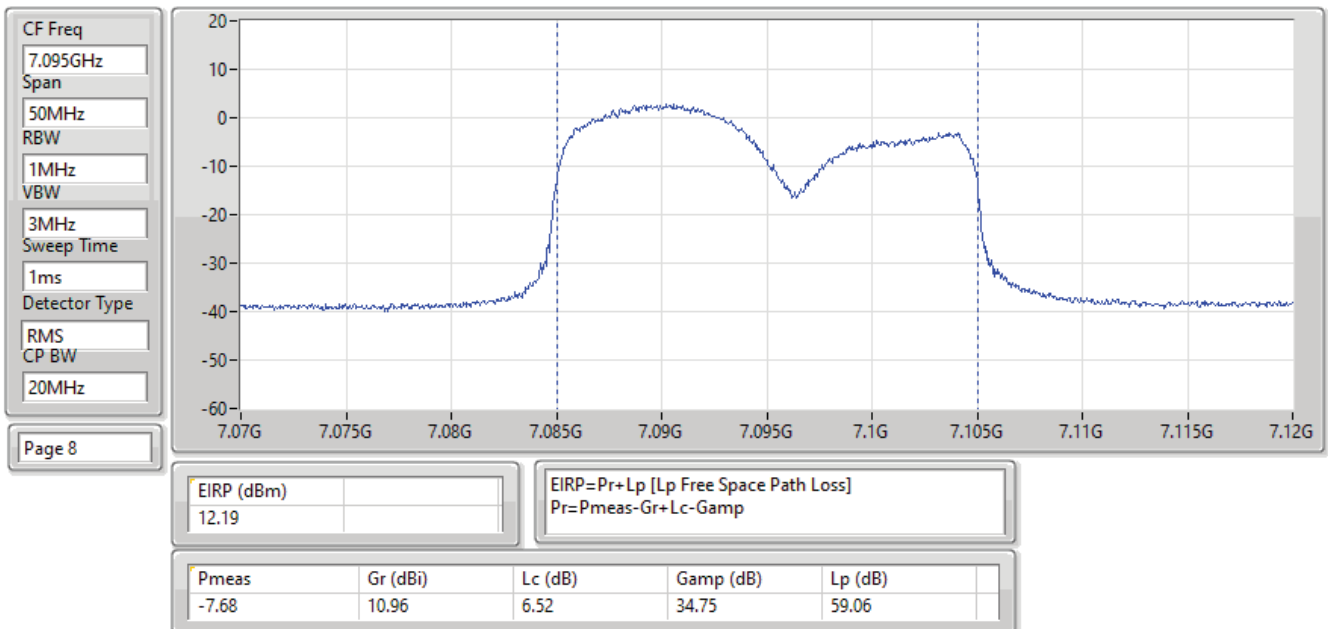
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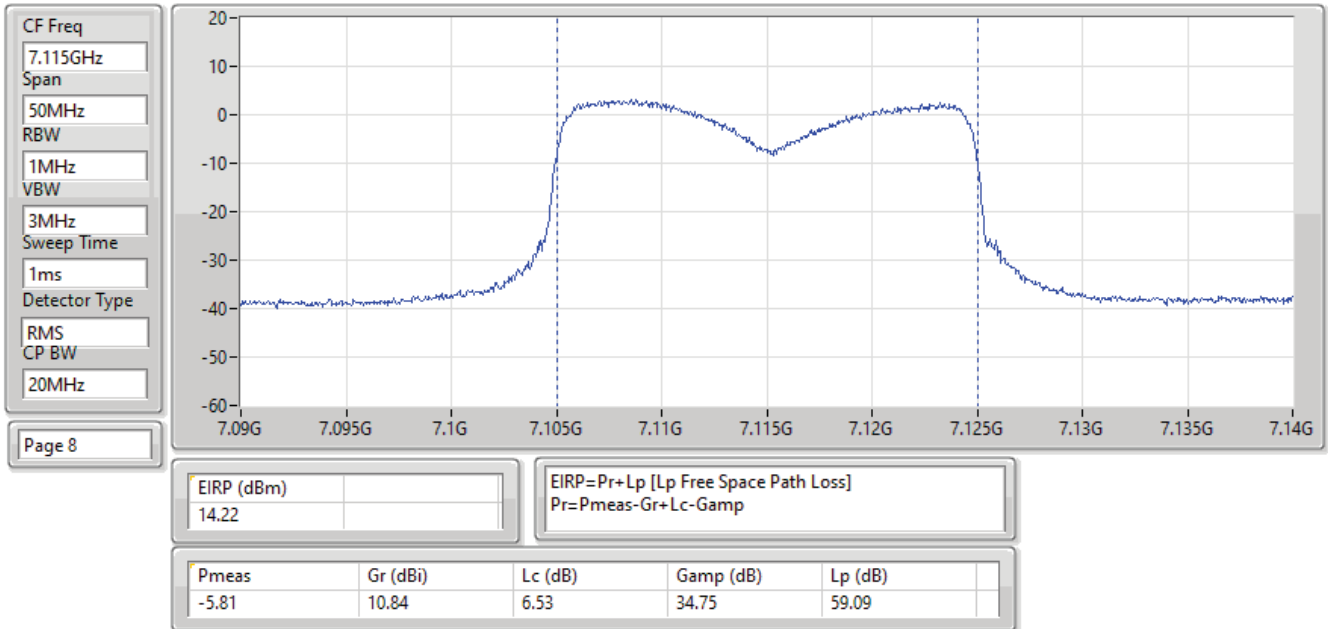
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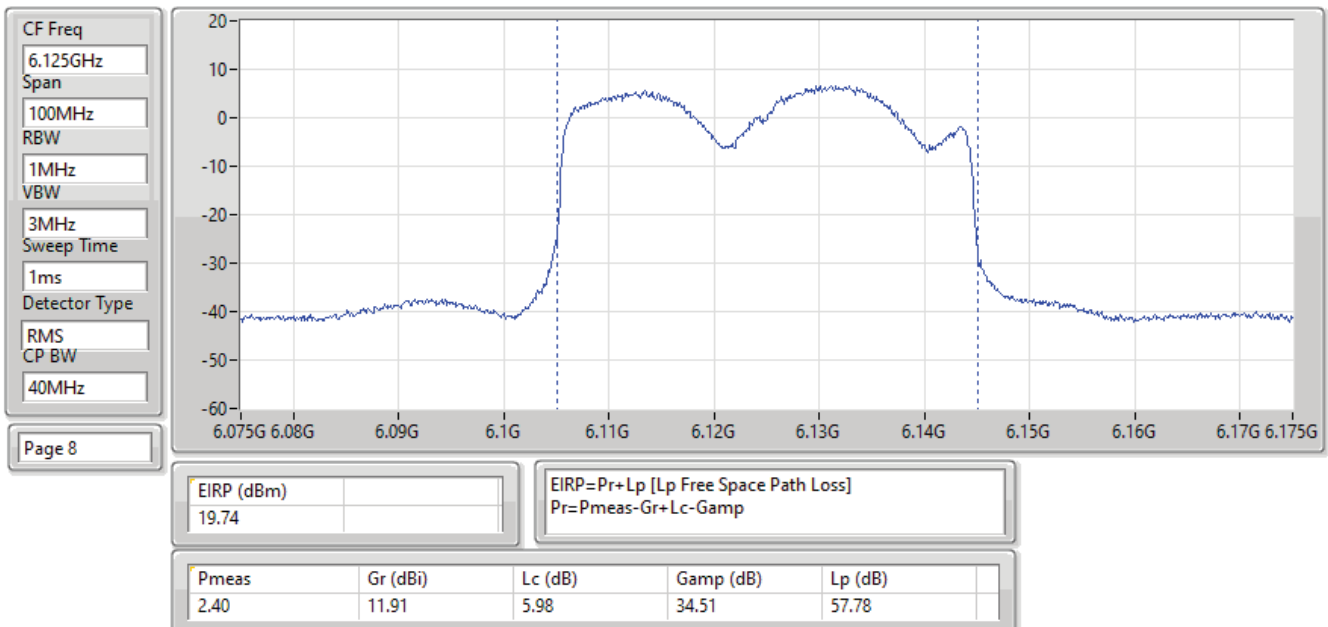
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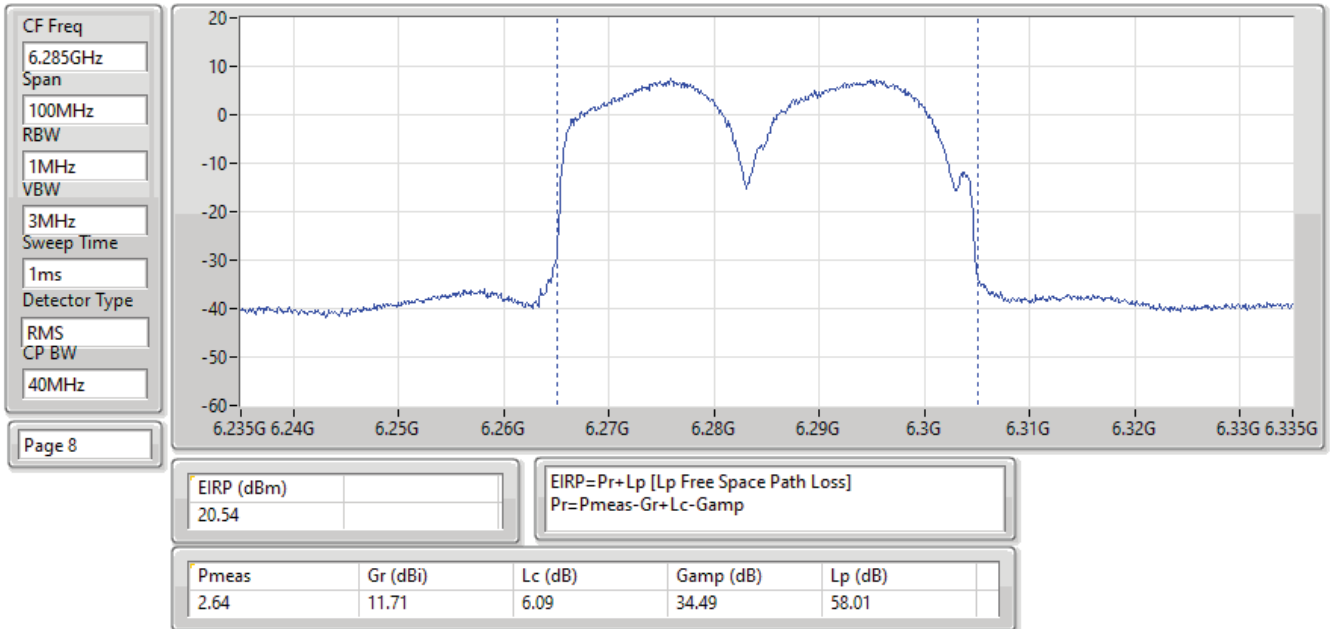
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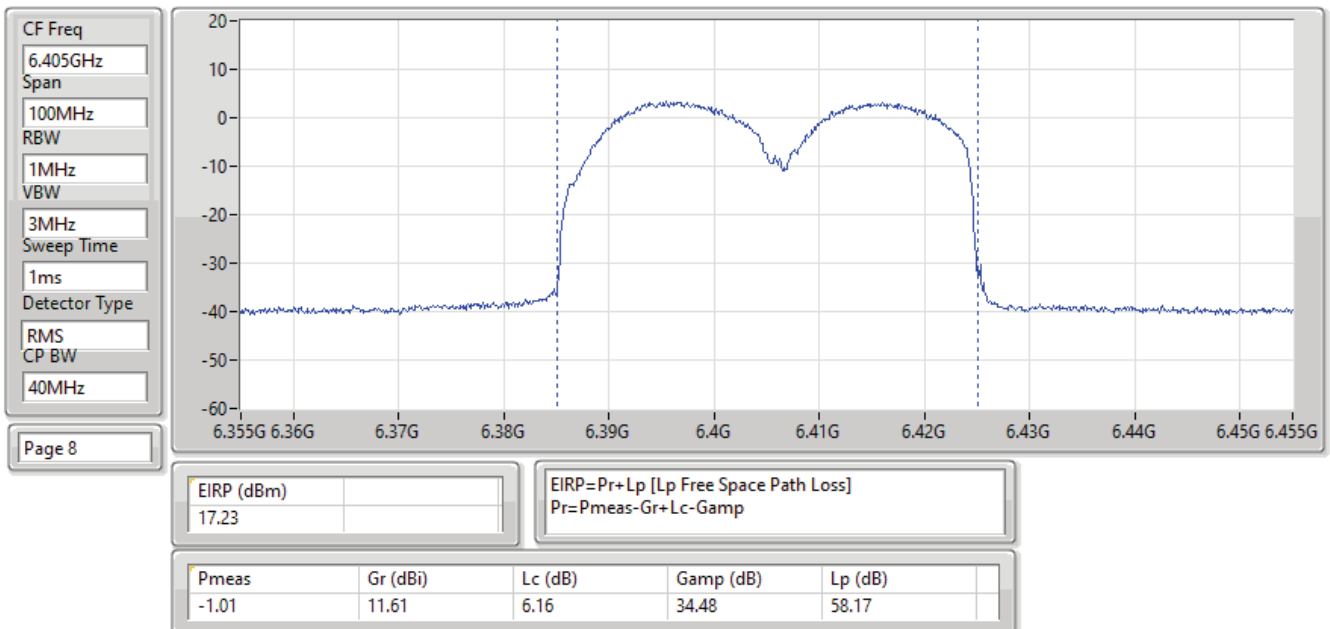
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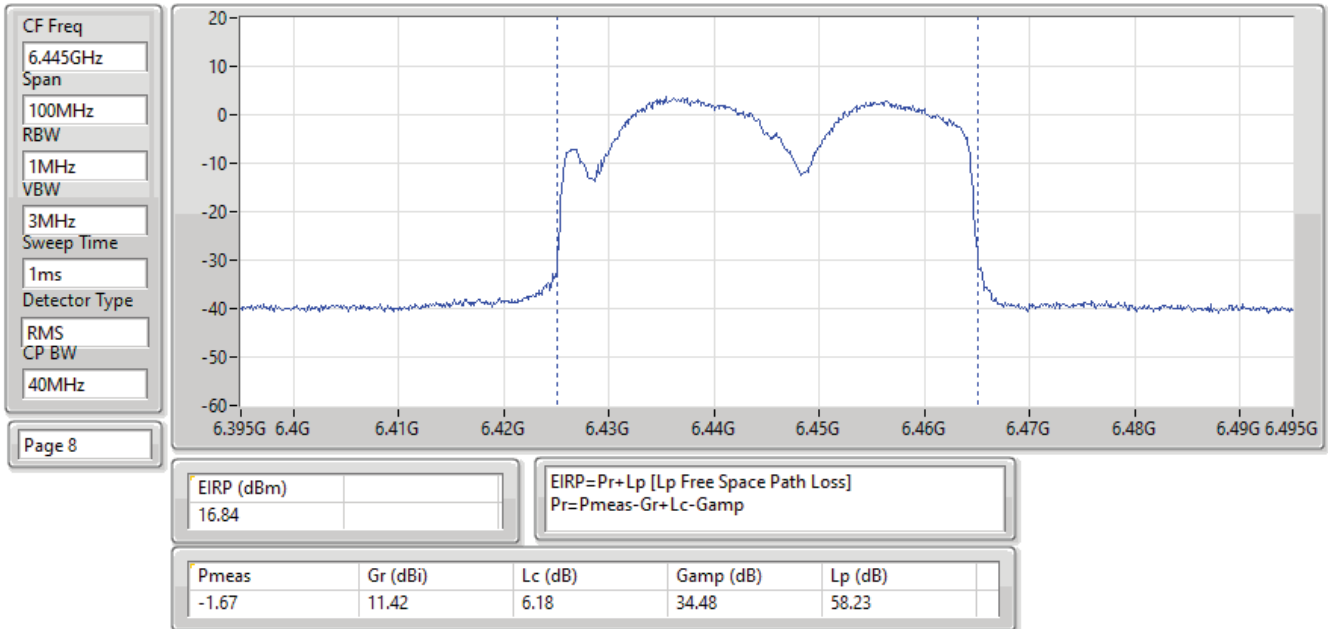
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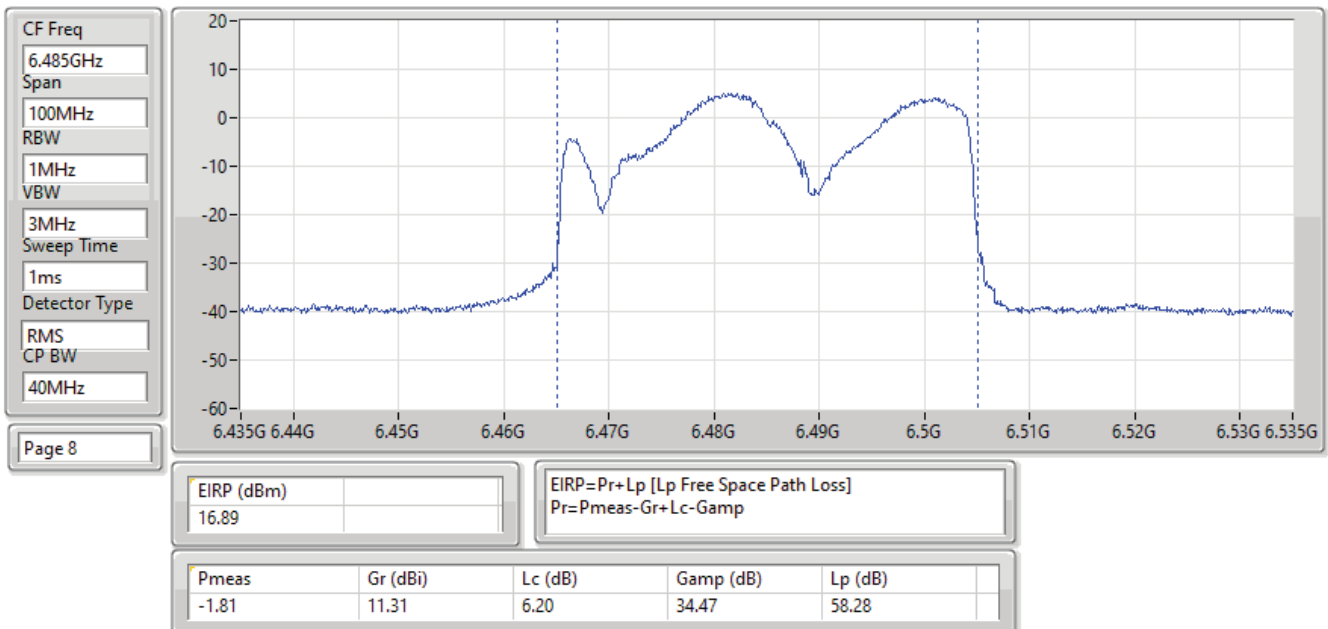
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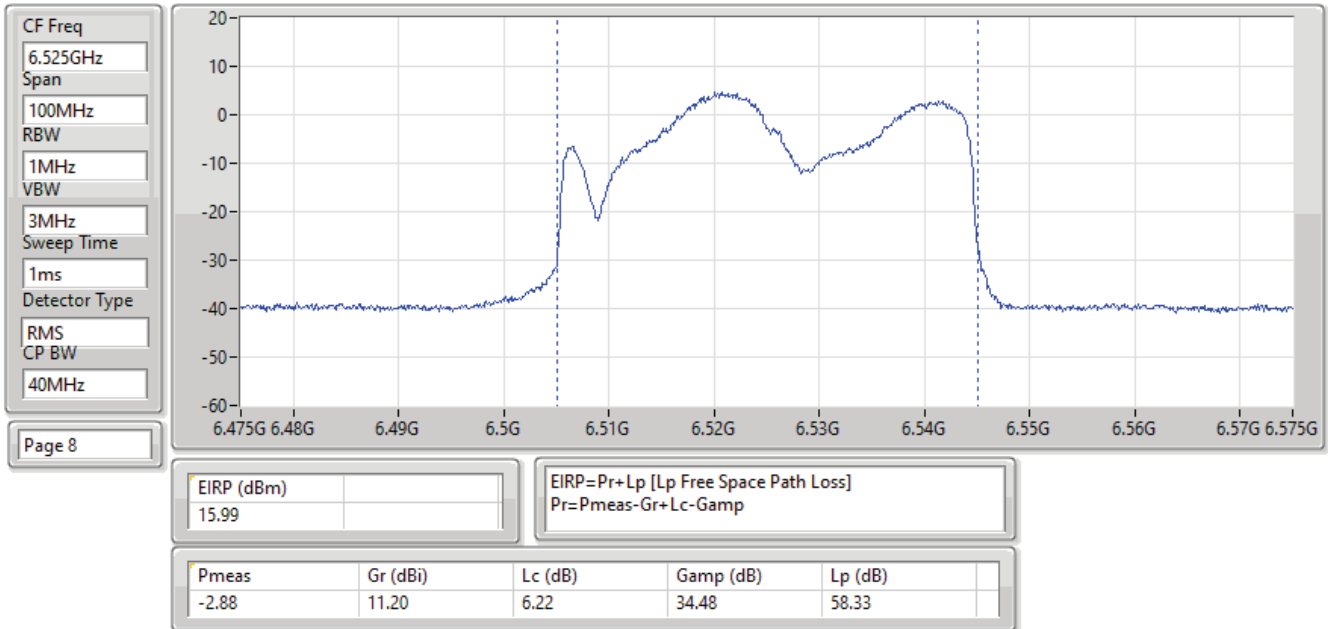
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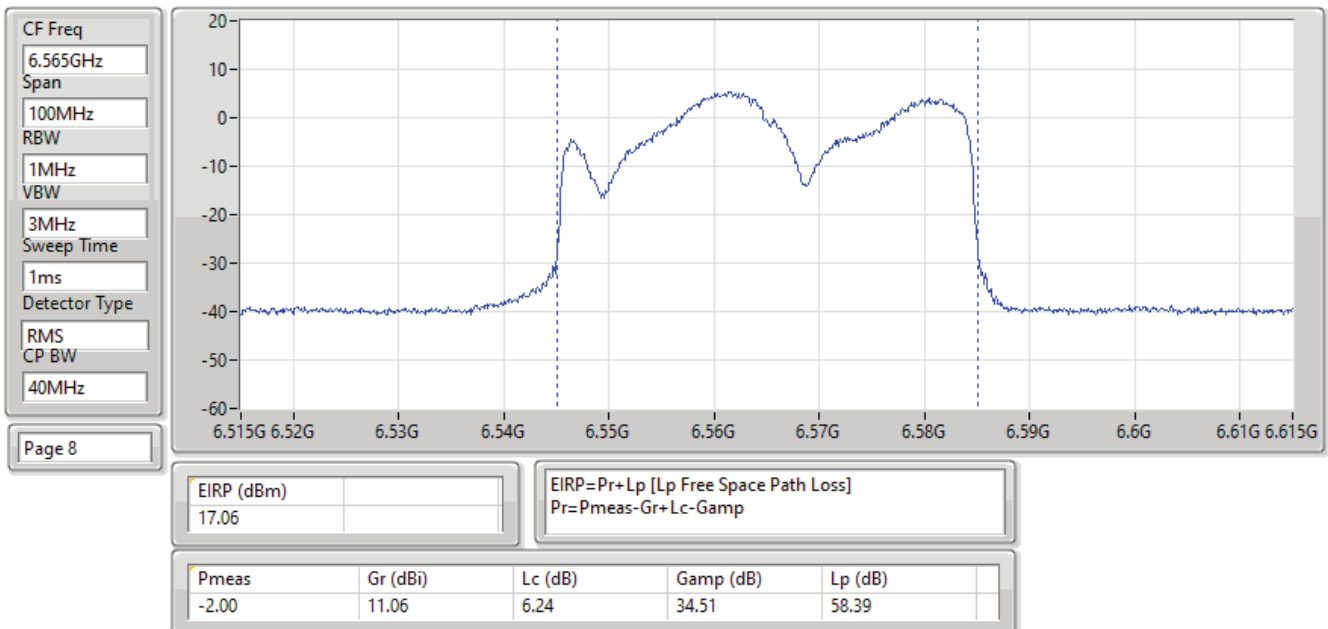
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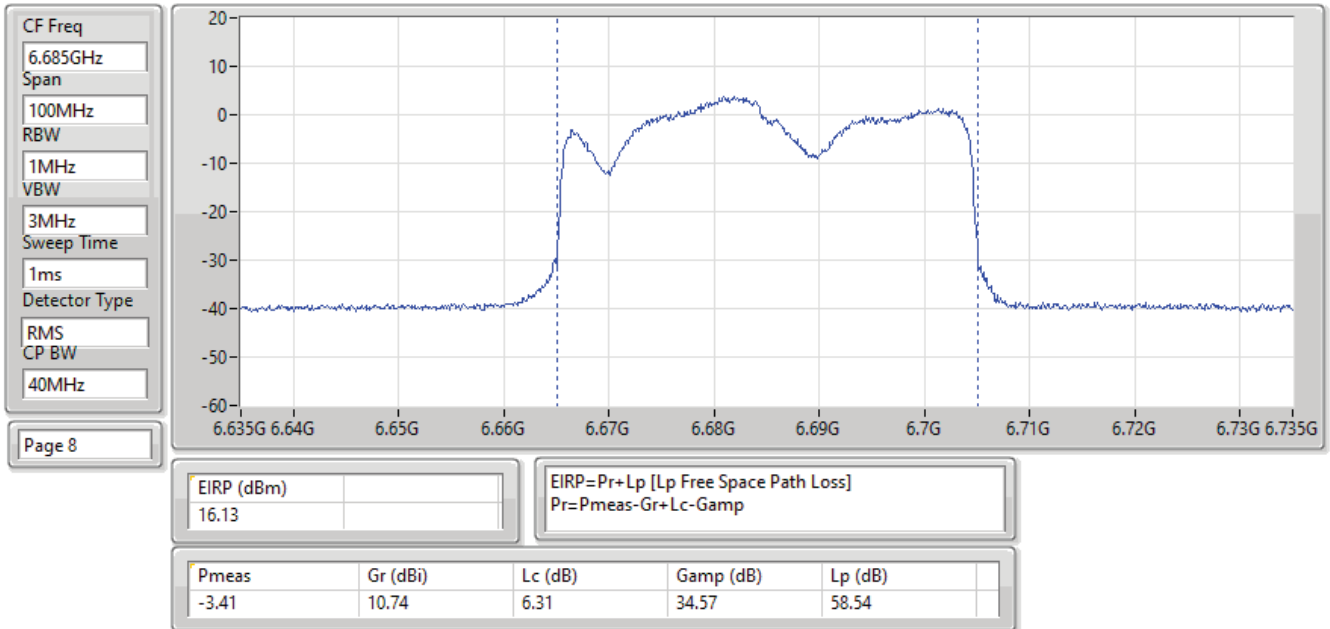
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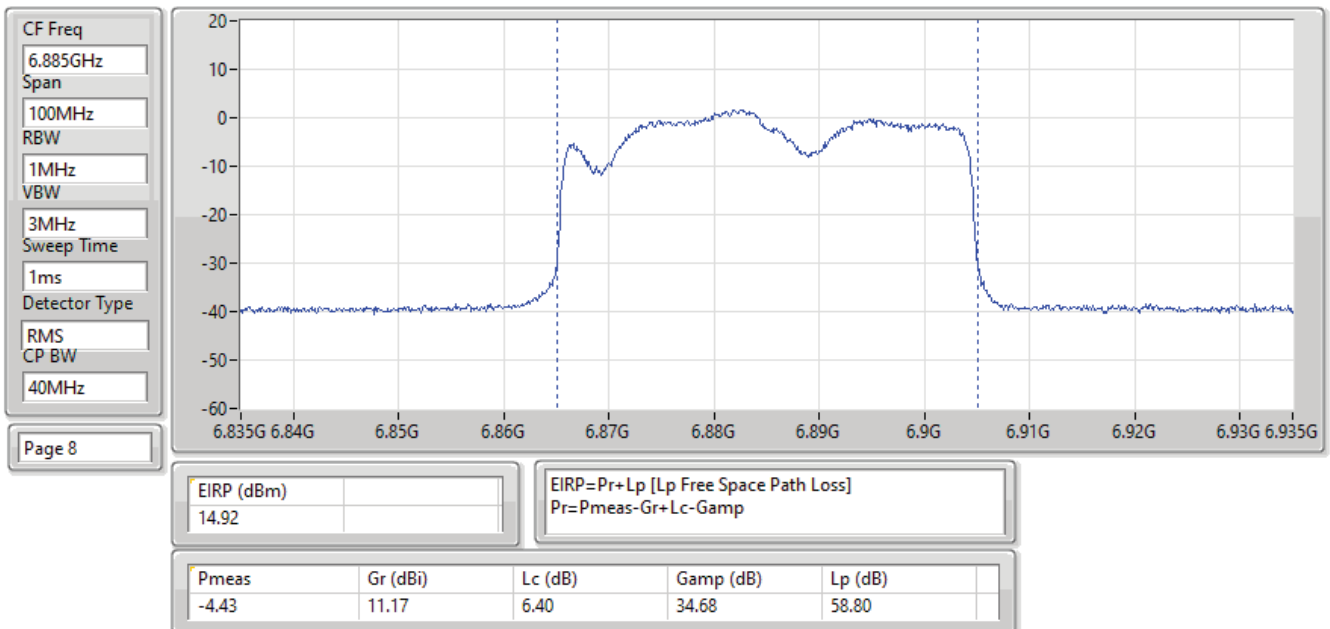
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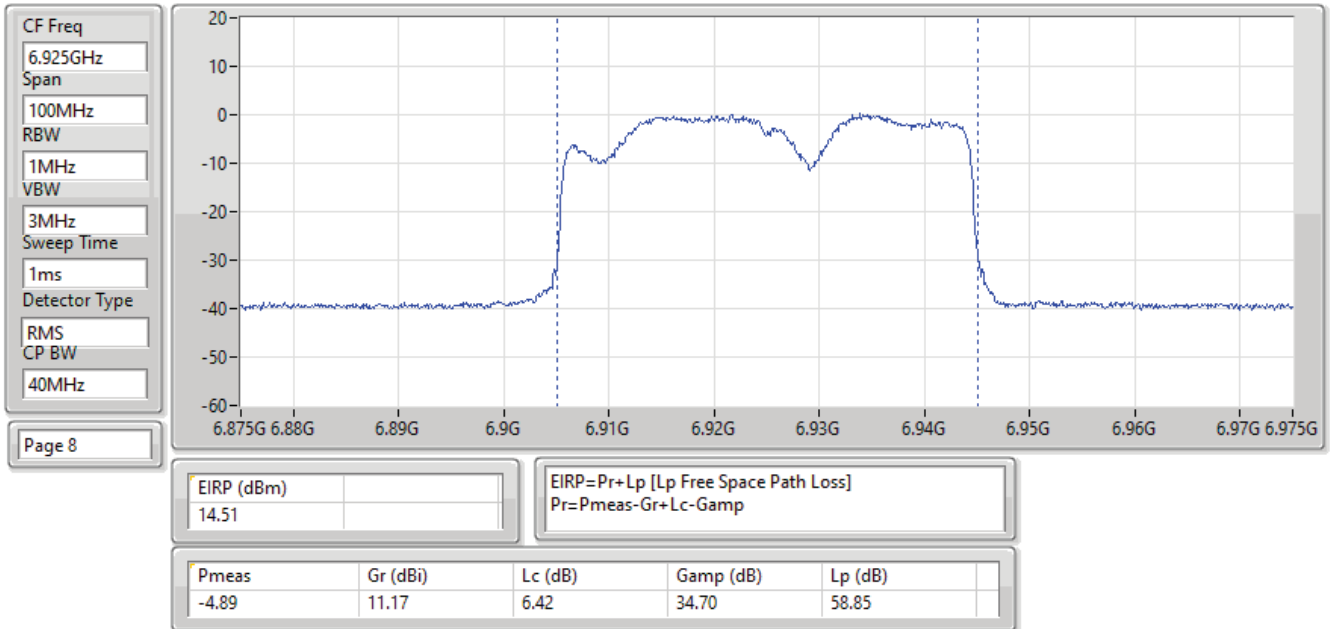
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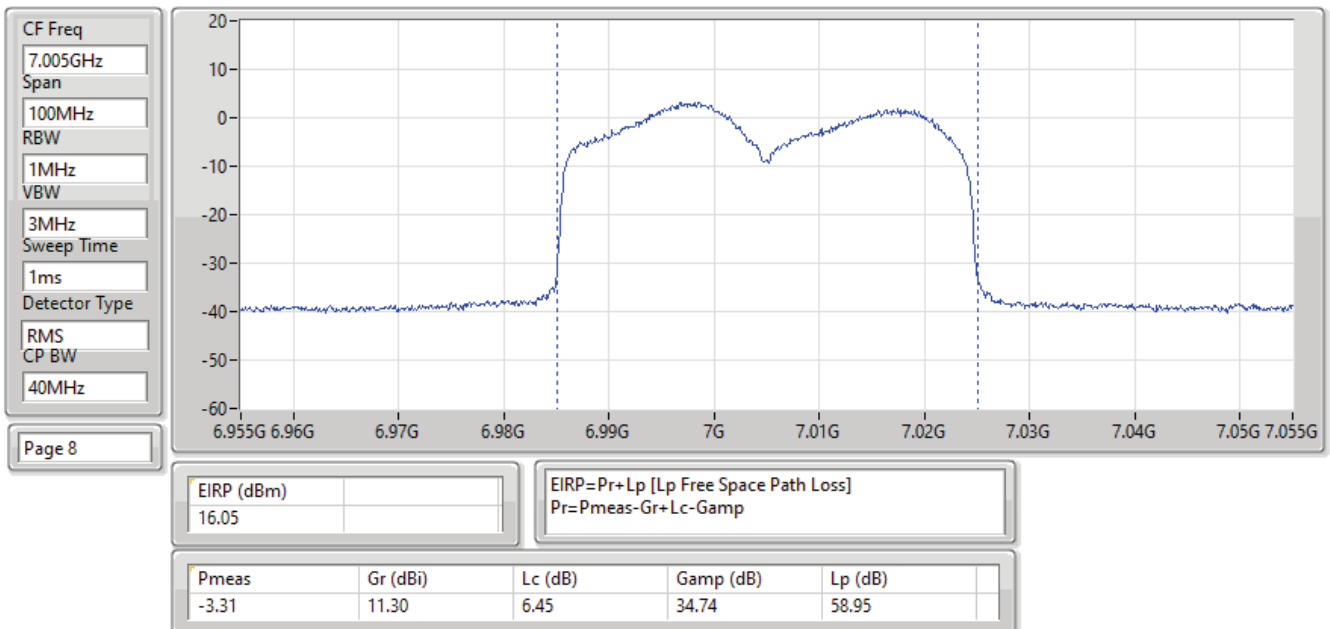
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EIRP;Band:7.0G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6925MHz;TX

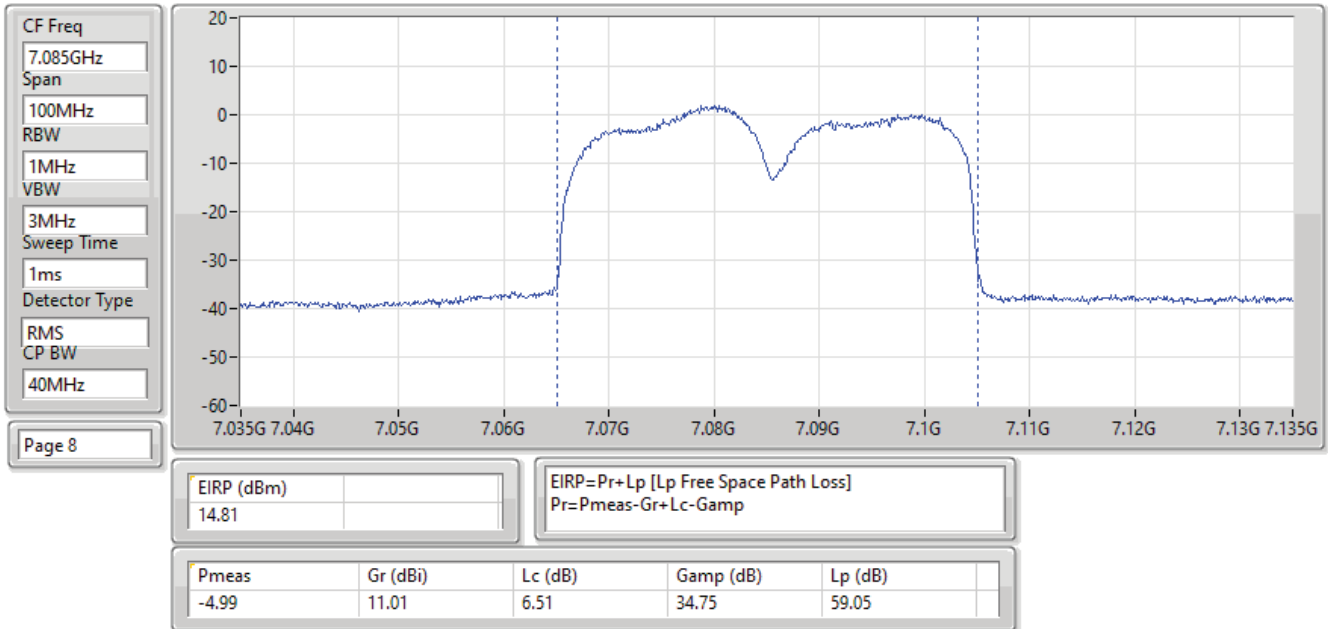


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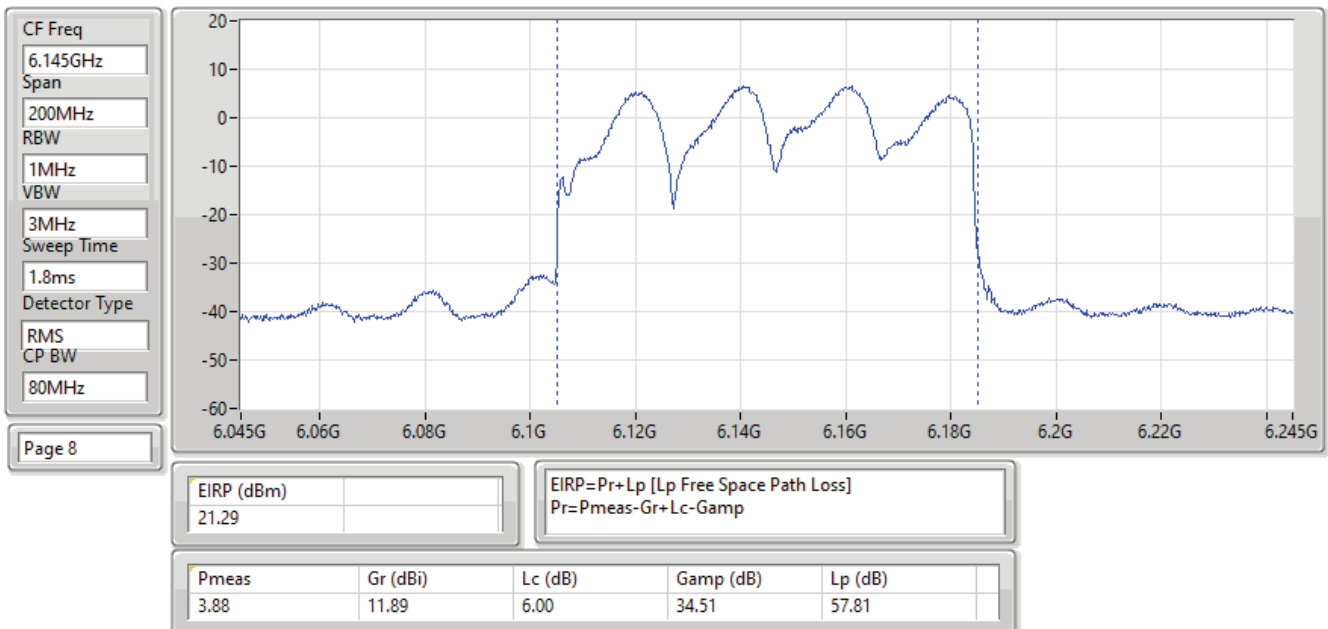




EIRP;Band:7.0G;ax40;BWch:40MHz;Nss:1;(M0);Nant:4;Ch:7085MHz;TX

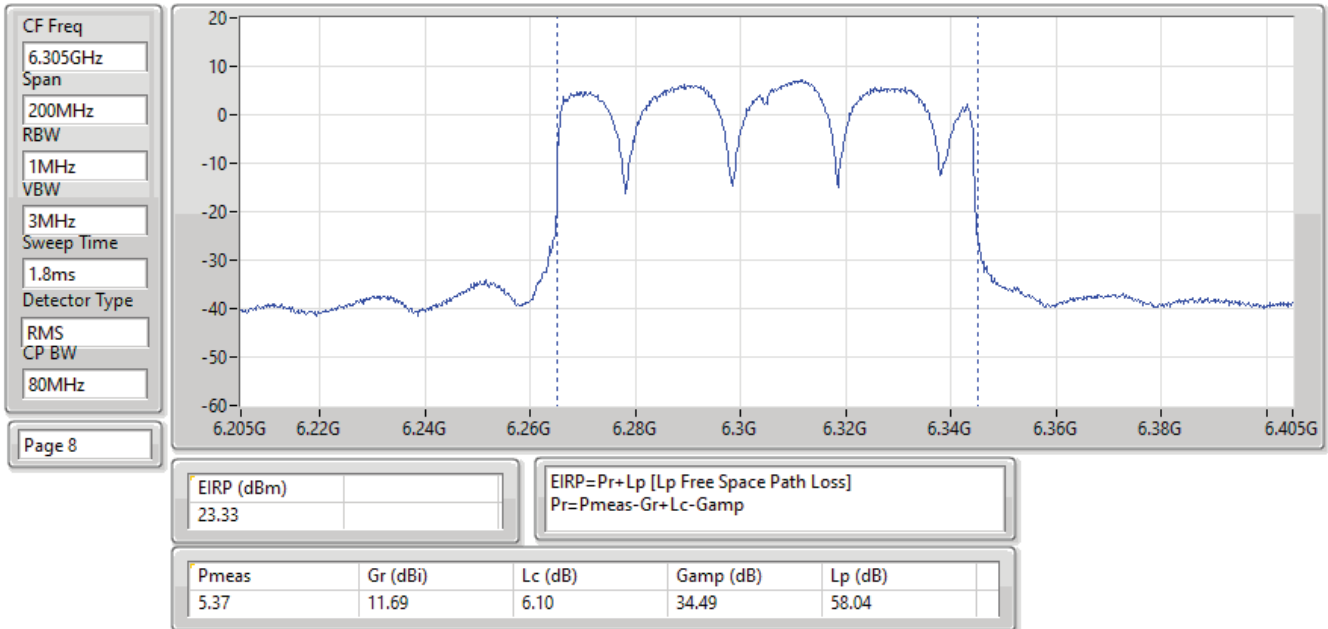


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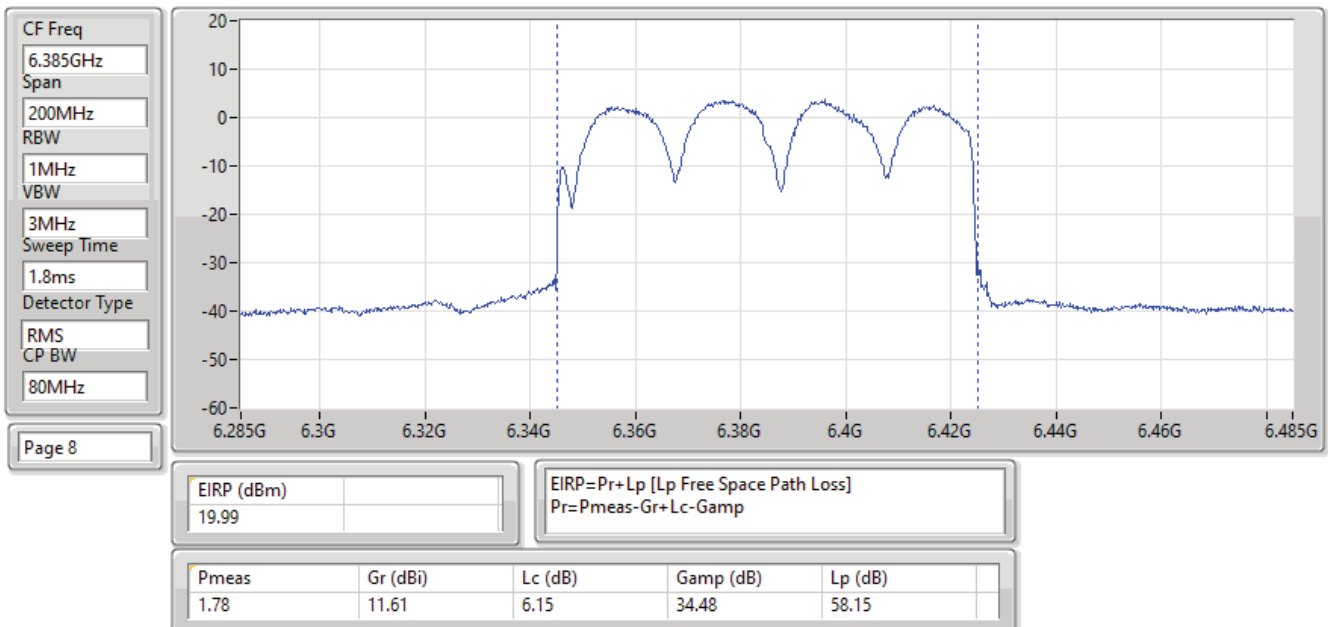




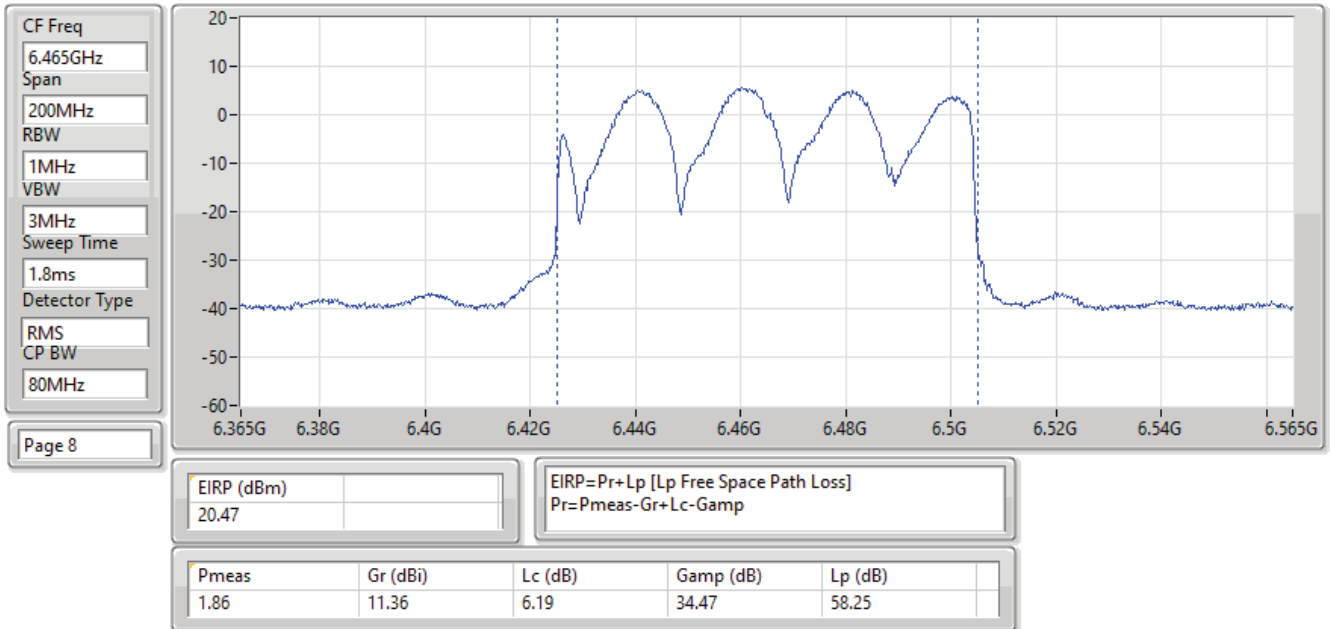
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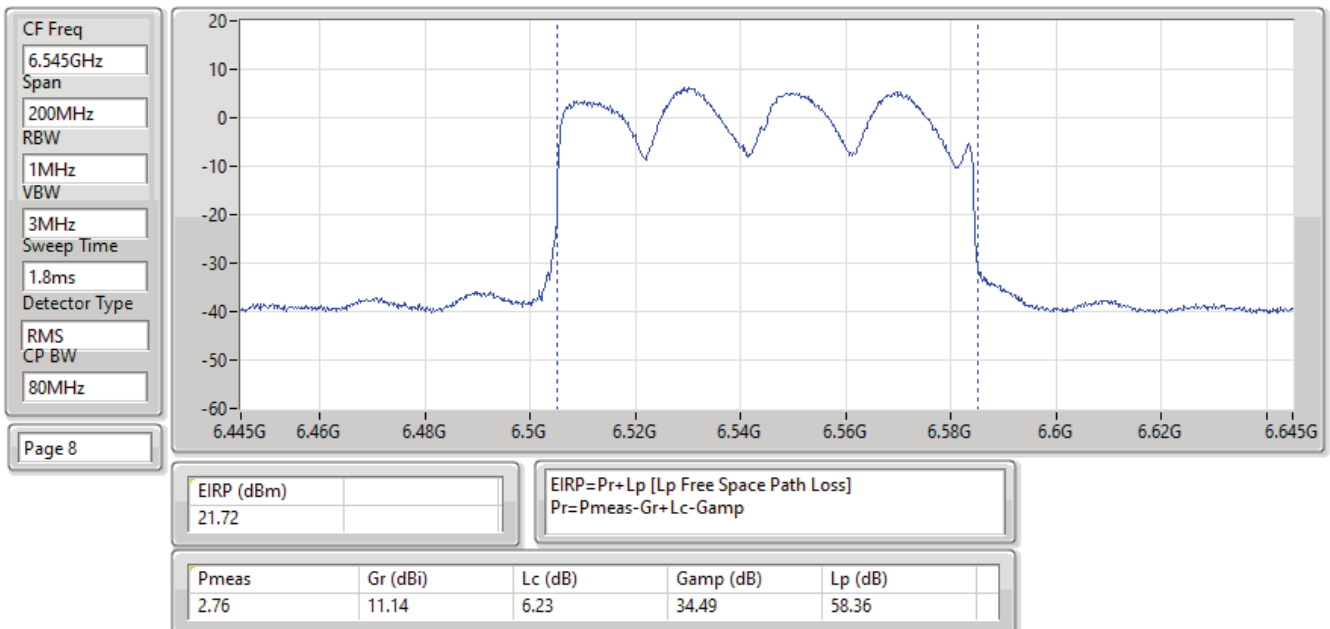
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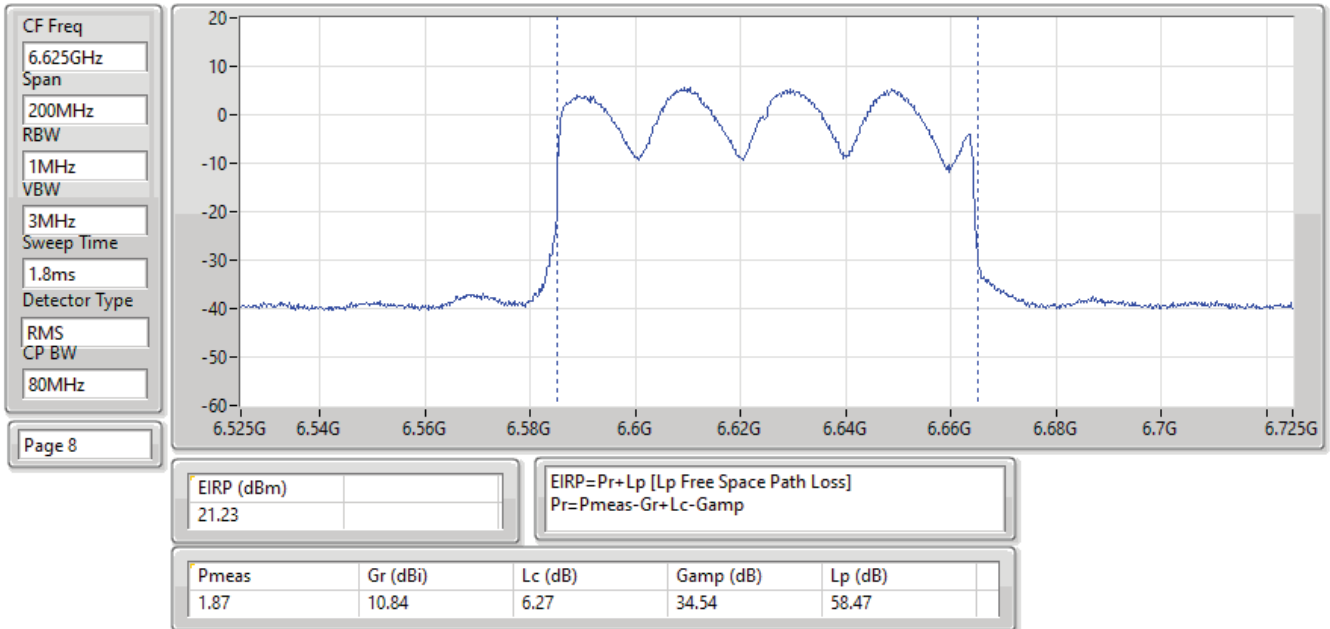
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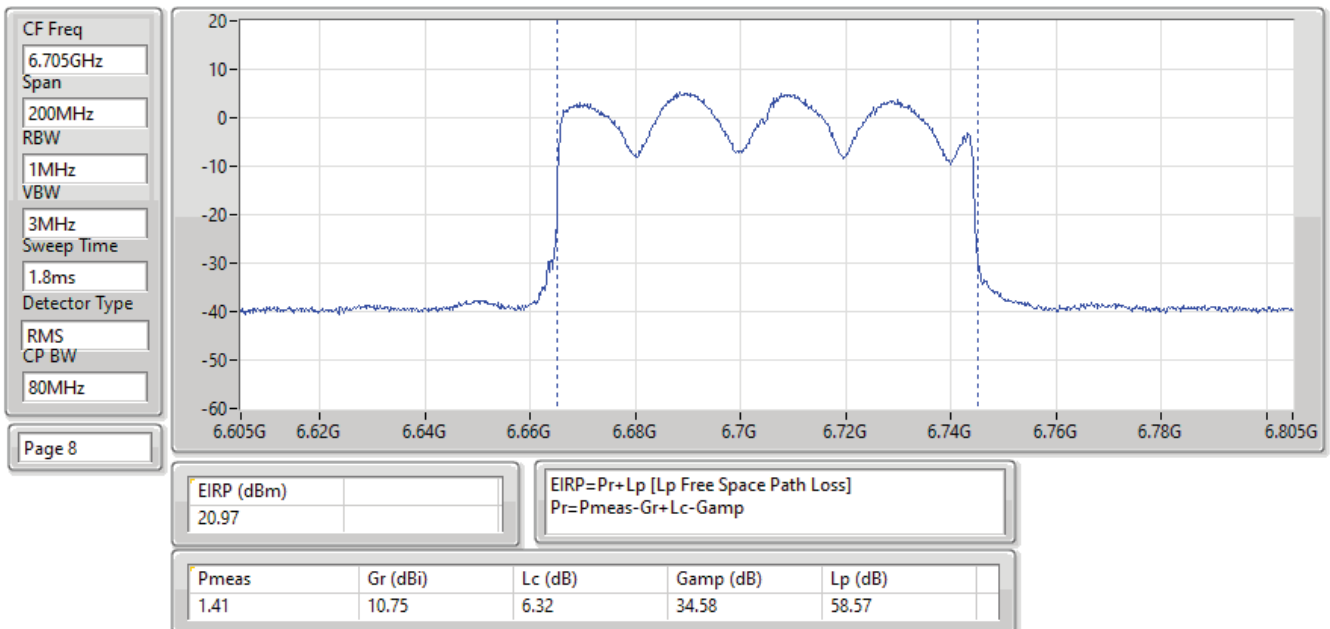
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EIRP;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6625MHz;TX

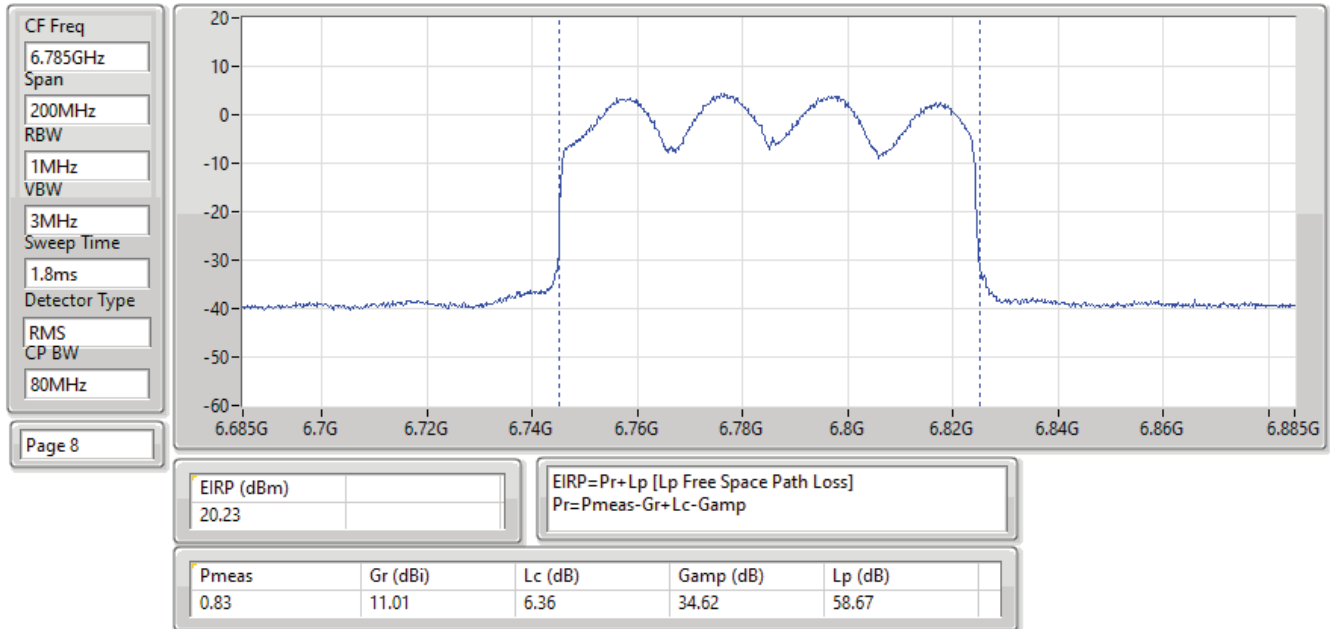


EIRP;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6705MHz;TX

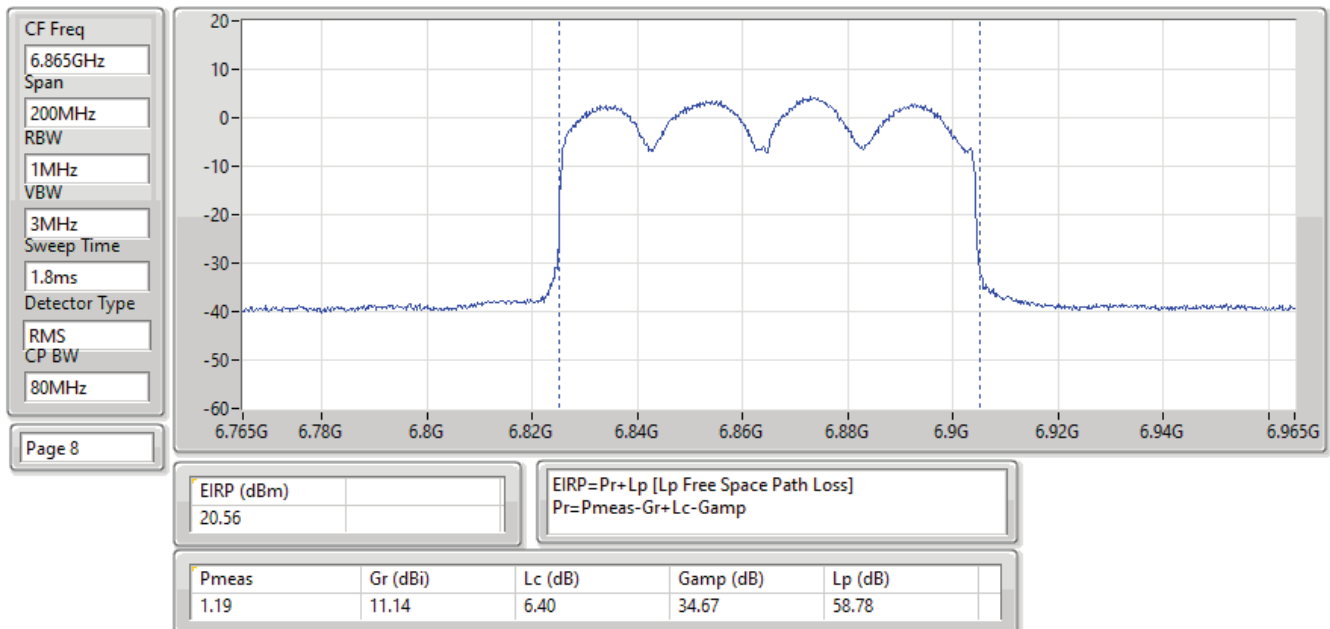




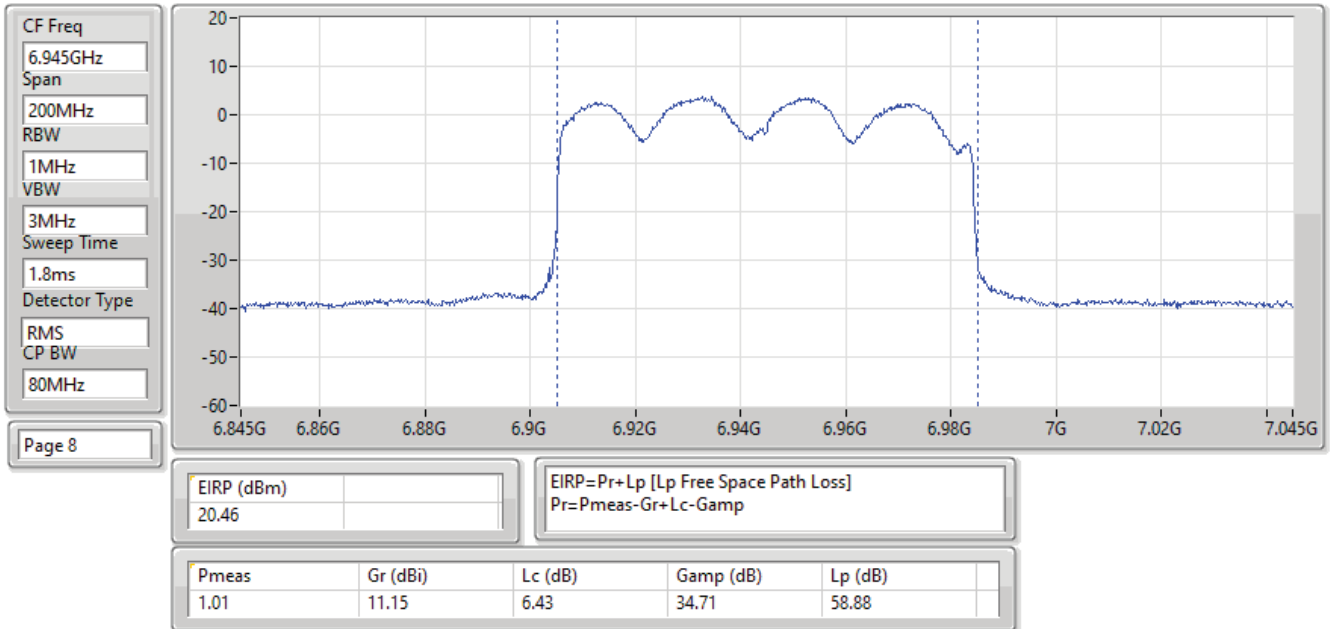
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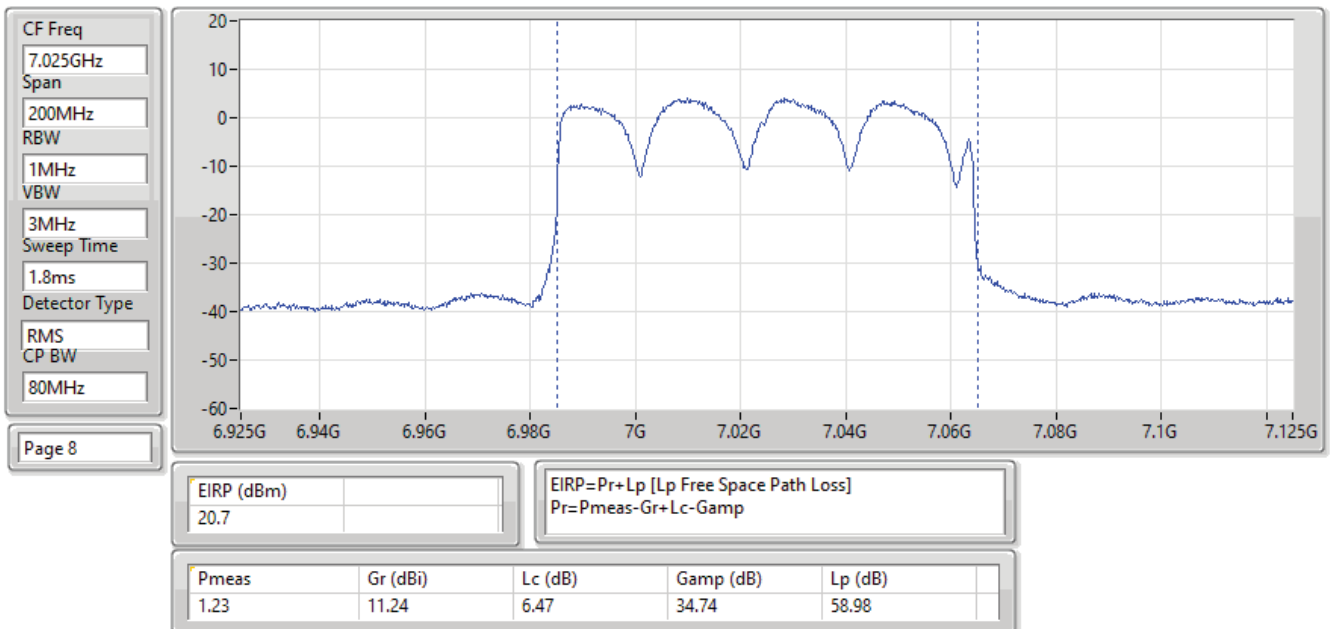
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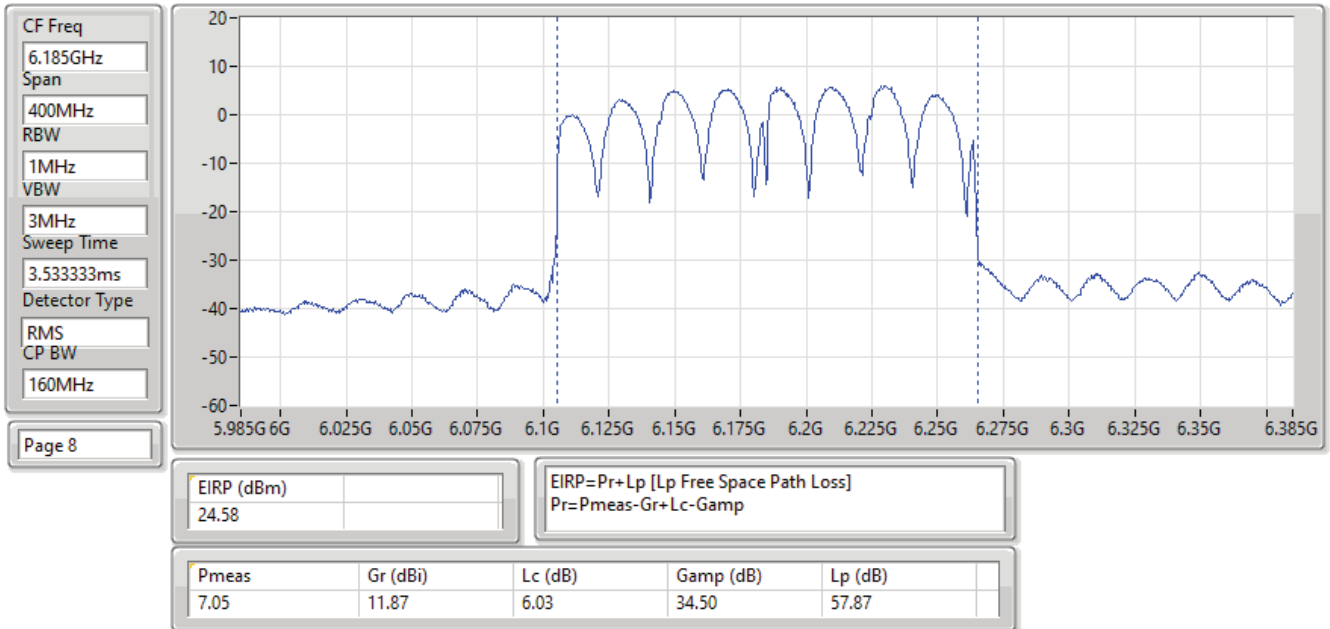
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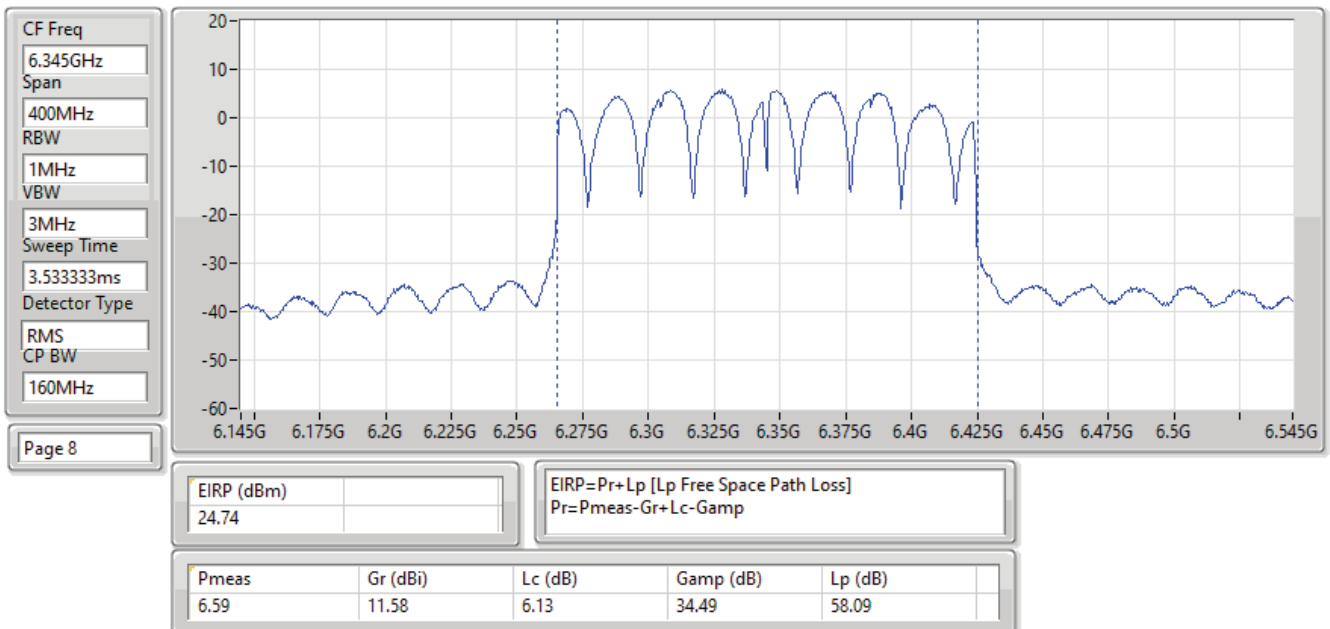
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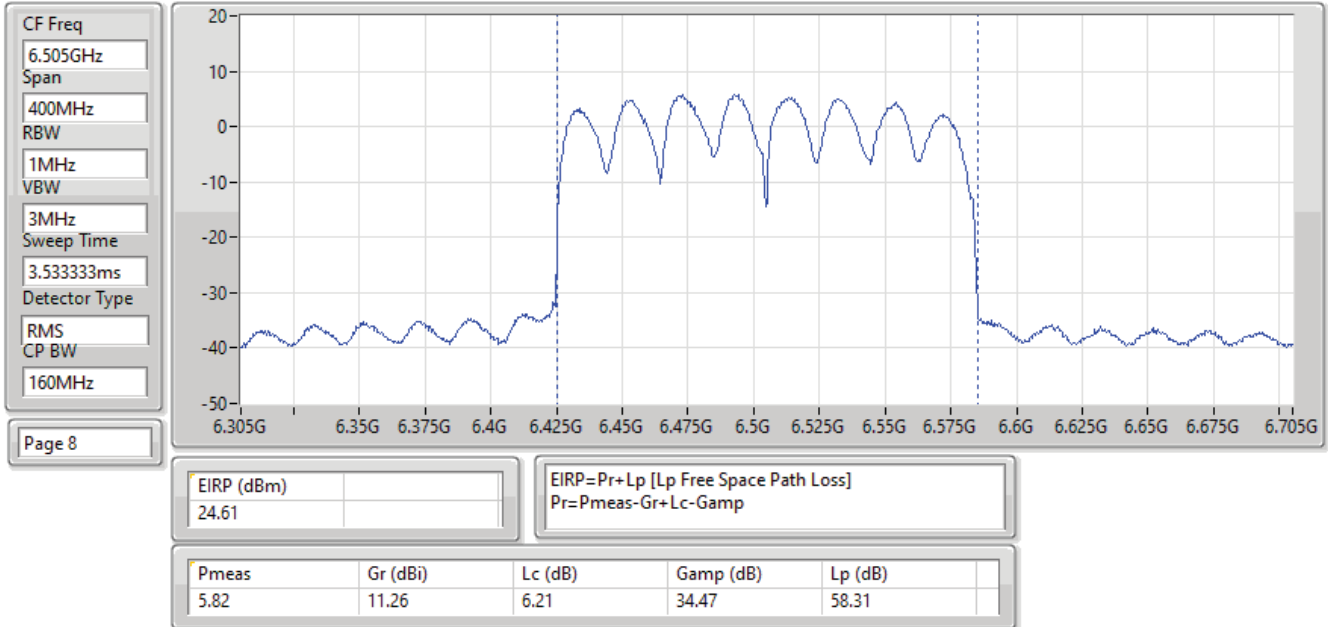
EIRP;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6185MHz;TX



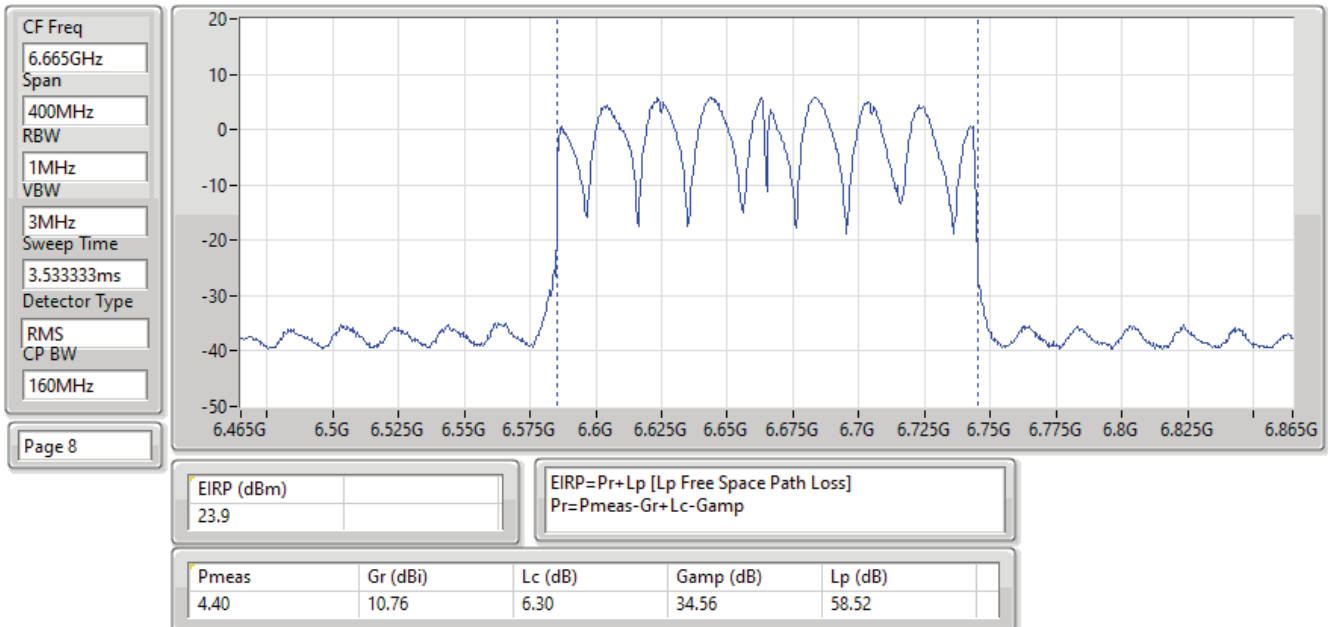
EIRP;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6345MHz;TX



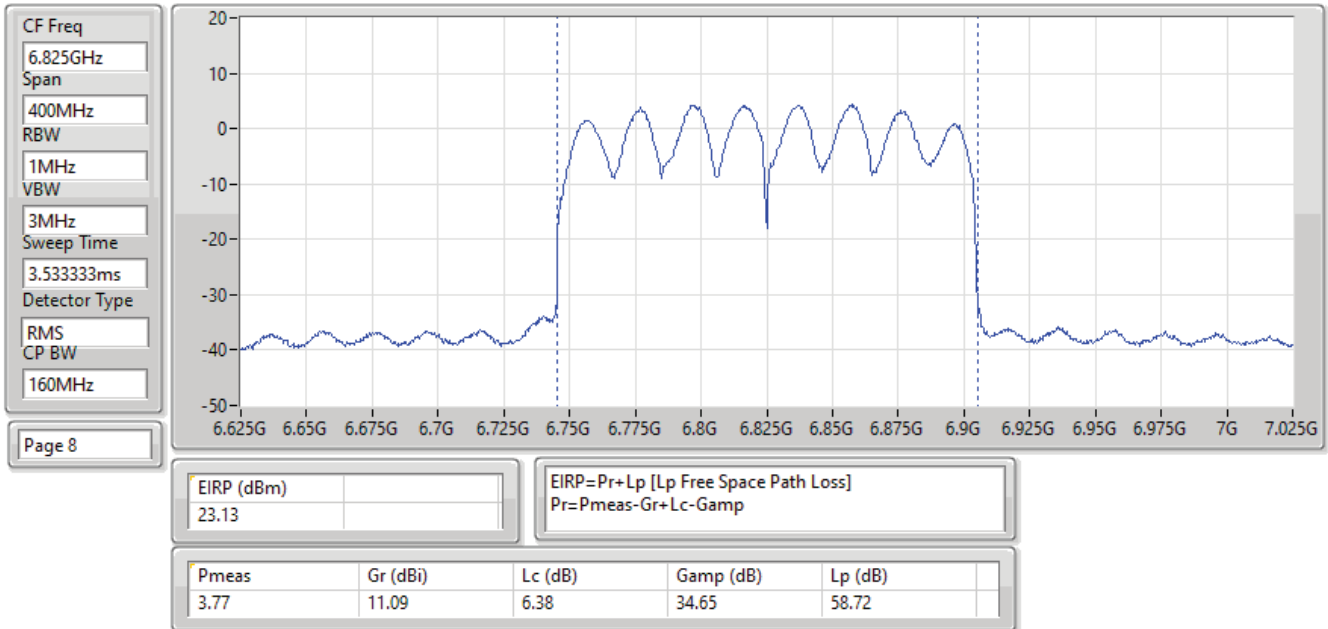
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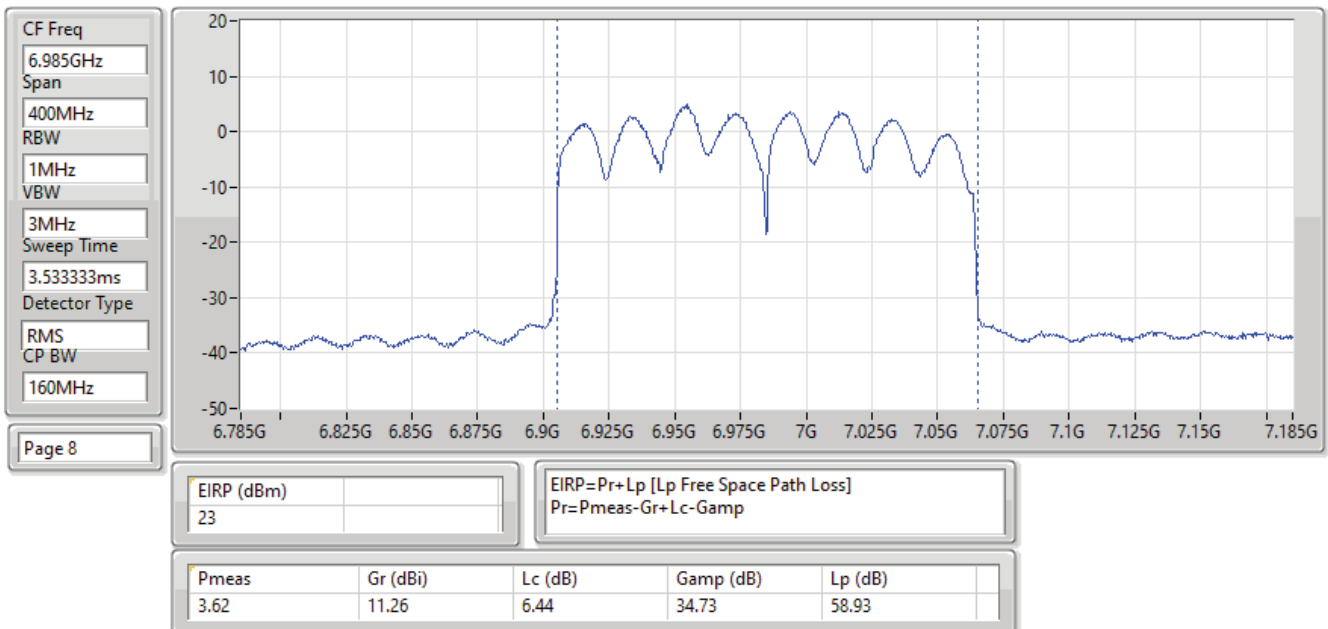
EIRP;Band:6.7G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6665MHz;TX



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



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



**Summary**

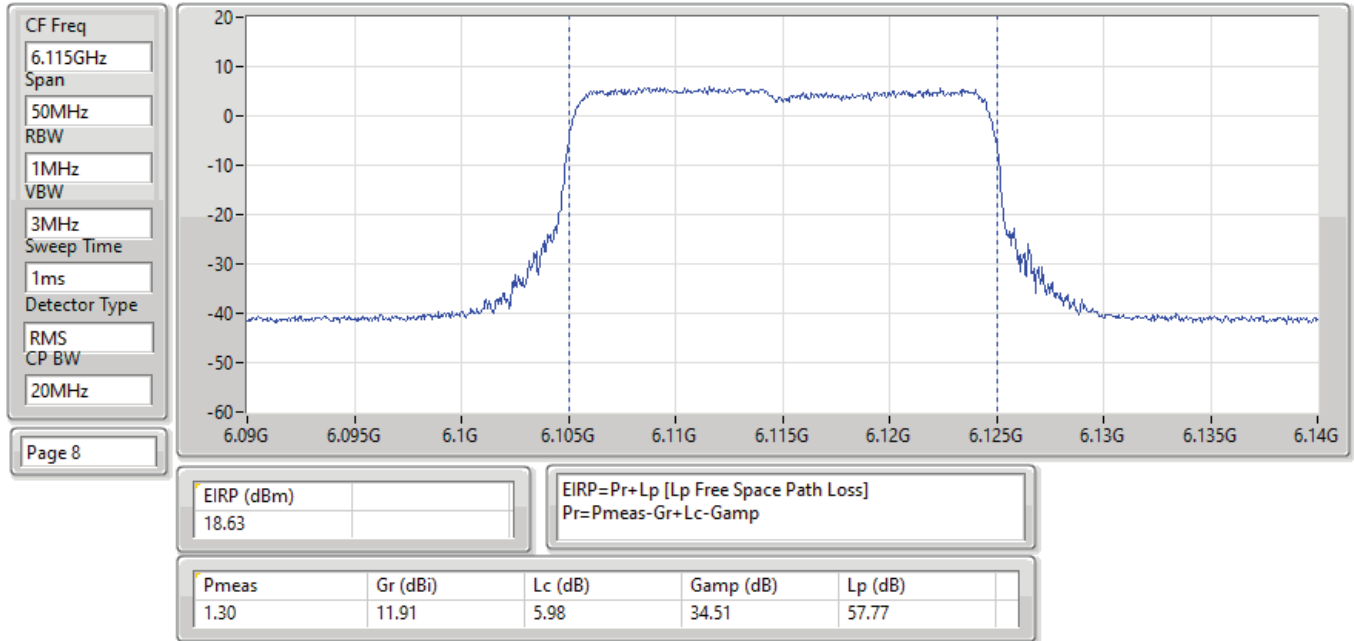
Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.63	0.07295
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.18	0.20797
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	25.63	0.36559
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	24.23	0.26485
6.425-6.525GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.64	0.07311
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.21	0.20941
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	25.21	0.33189
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	22.14	0.16368
6.525-6.875GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.09	0.06442
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.81	0.15171
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.37	0.27353
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	23.87	0.24378
6.875-7.125GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.09	0.06442
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	22.88	0.19409
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.21	0.26363
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	24.17	0.26122

**Result**

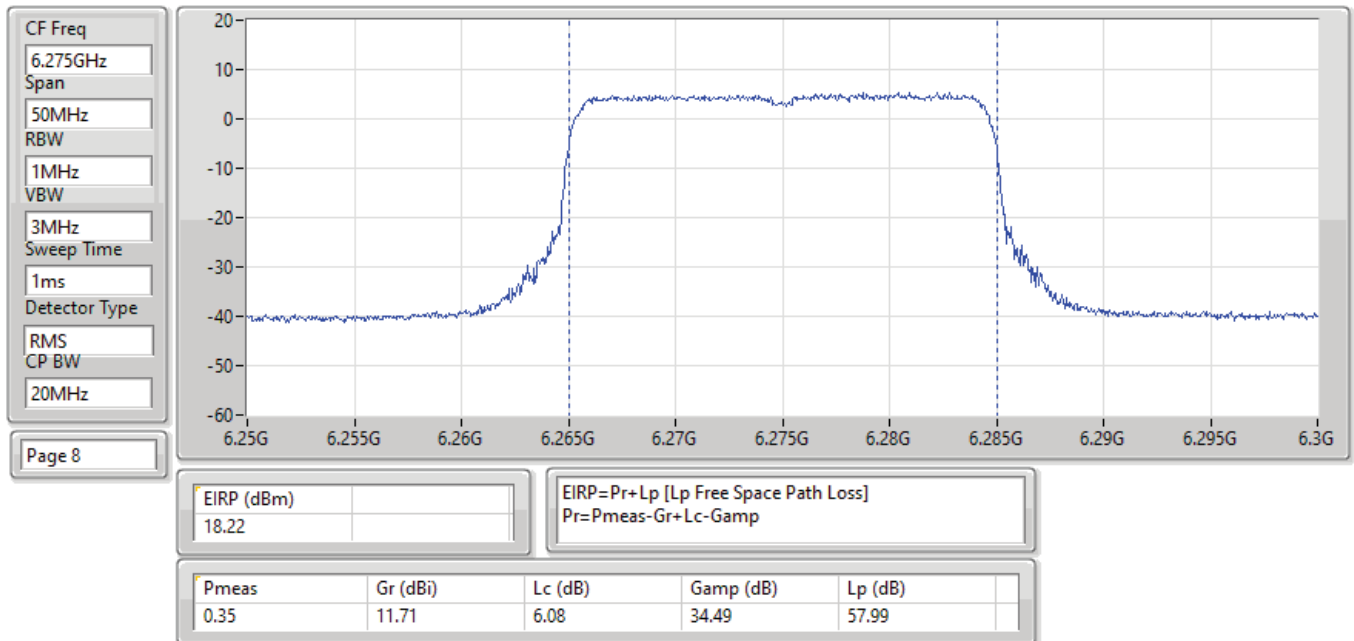
Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-
6115MHz	Pass	18.63	30.00
6275MHz	Pass	18.22	30.00
6415MHz	Pass	18.30	30.00
6435MHz	Pass	18.64	30.00
6475MHz	Pass	18.11	30.00
6515MHz	Pass	16.56	30.00
6535MHz	Pass	18.09	30.00
6695MHz	Pass	17.96	30.00
6875MHz Straddle 6.525-6.875GHz	Pass	17.28	30.00
6895MHz	Pass	17.79	30.00
6995MHz	Pass	18.09	30.00
7095MHz	Pass	17.17	30.00
7115MHz	Pass	16.51	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-
6125MHz	Pass	22.15	30.00
6285MHz	Pass	23.18	30.00
6405MHz	Pass	18.39	30.00
6445MHz	Pass	23.21	30.00
6485MHz	Pass	20.73	30.00
6525MHz Straddle 6.425-6.525GHz	Pass	21.22	30.00
6565MHz	Pass	21.31	30.00
6685MHz	Pass	20.52	30.00
6885MHz Straddle 6.525-6.875GHz	Pass	21.81	30.00
6925MHz	Pass	21.33	30.00
7005MHz	Pass	20.75	30.00
7085MHz	Pass	22.88	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-
6145MHz	Pass	24.97	30.00
6305MHz	Pass	23.51	30.00
6385MHz	Pass	25.63	30.00
6465MHz	Pass	25.21	30.00
6545MHz Straddle 6.425-6.525GHz	Pass	23.62	30.00
6625MHz	Pass	24.37	30.00
6705MHz	Pass	21.50	30.00
6785MHz	Pass	20.04	30.00
6865MHz Straddle 6.525-6.875GHz	Pass	20.58	30.00
6945MHz	Pass	22.82	30.00
7025MHz	Pass	24.21	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-
6185MHz	Pass	24.23	30.00
6345MHz	Pass	23.03	30.00
6505MHz Straddle 6.425-6.525GHz	Pass	22.14	30.00
6665MHz	Pass	23.87	30.00
6825MHz Straddle 6.525-6.875GHz	Pass	20.11	30.00
6985MHz	Pass	24.17	30.00

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

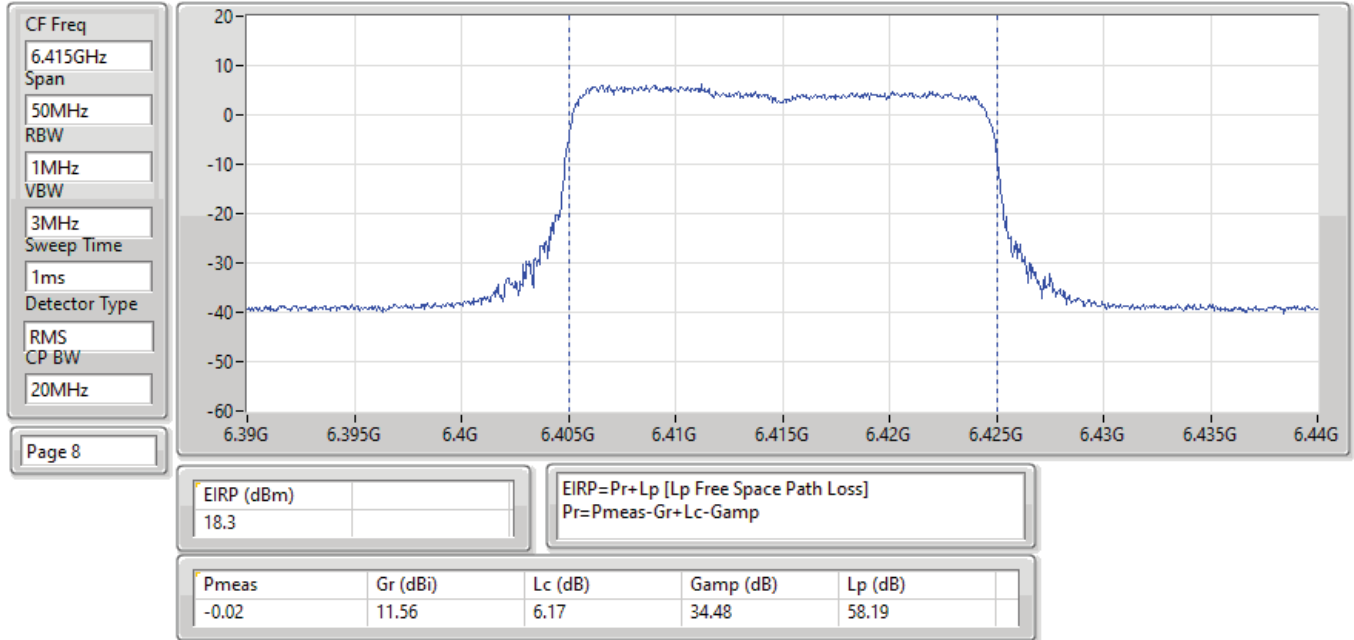
EIRP;Band:6.2G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6115MHz;TX



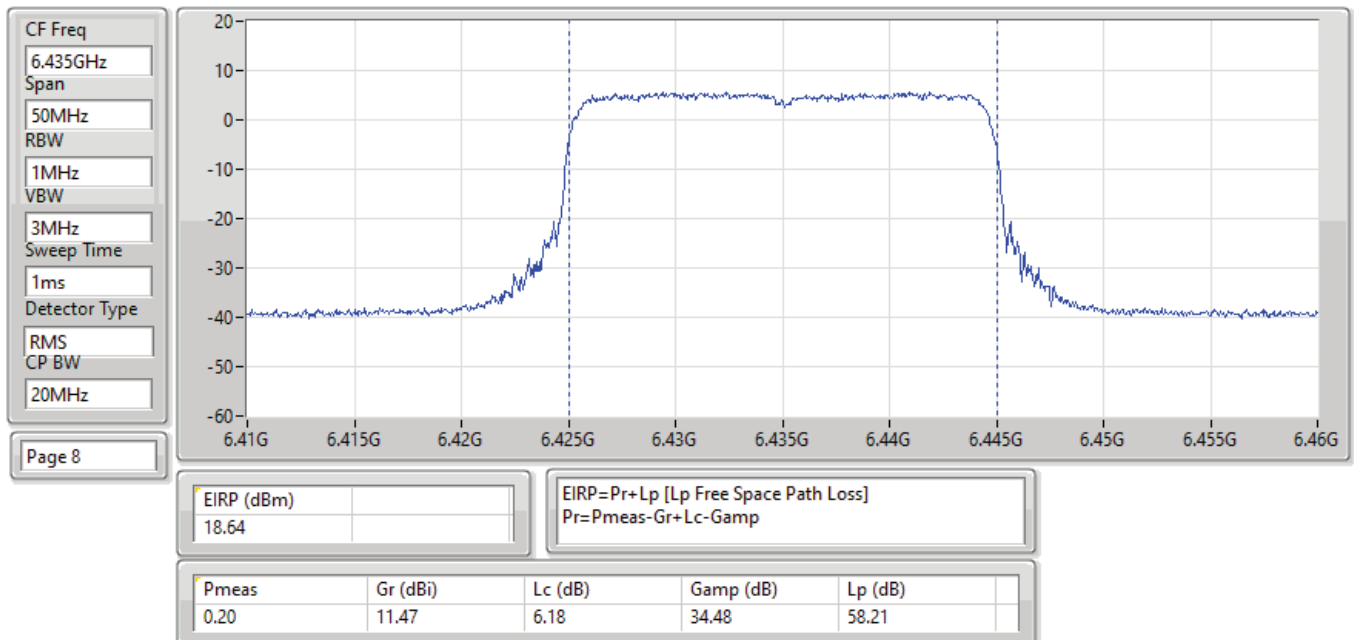
EIRP;Band:6.2G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6275MHz;TX



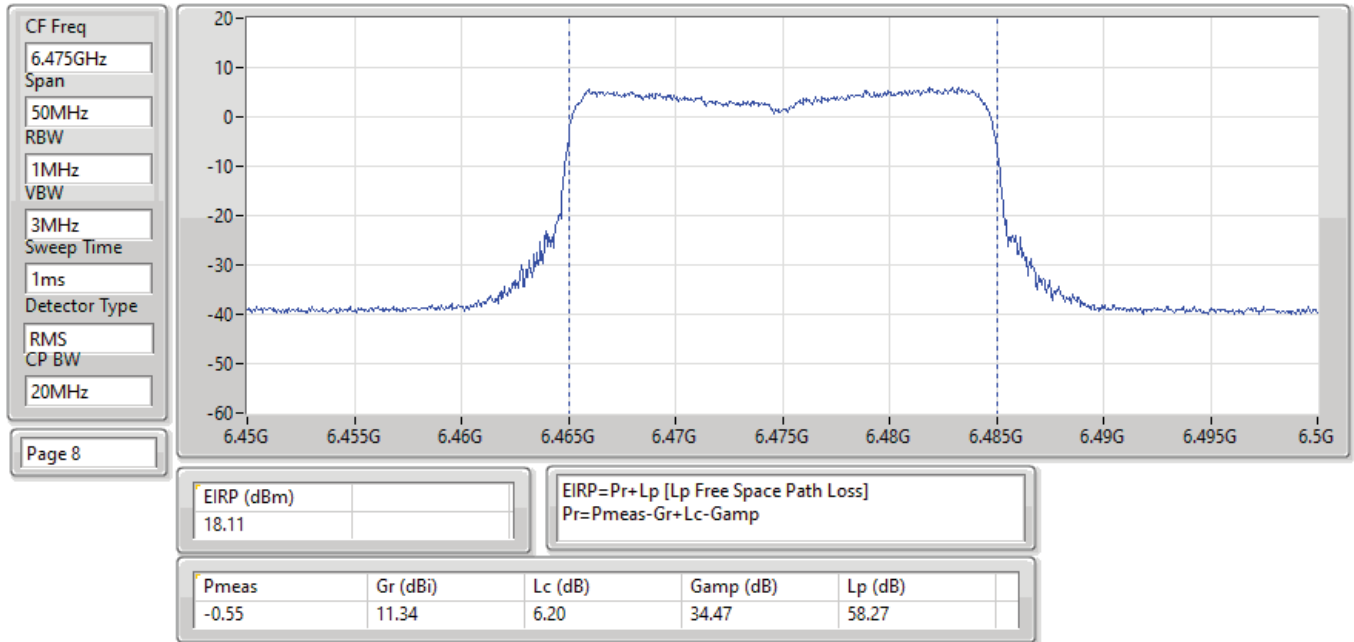
EIRP;Band:6.2G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6415MHz;TX



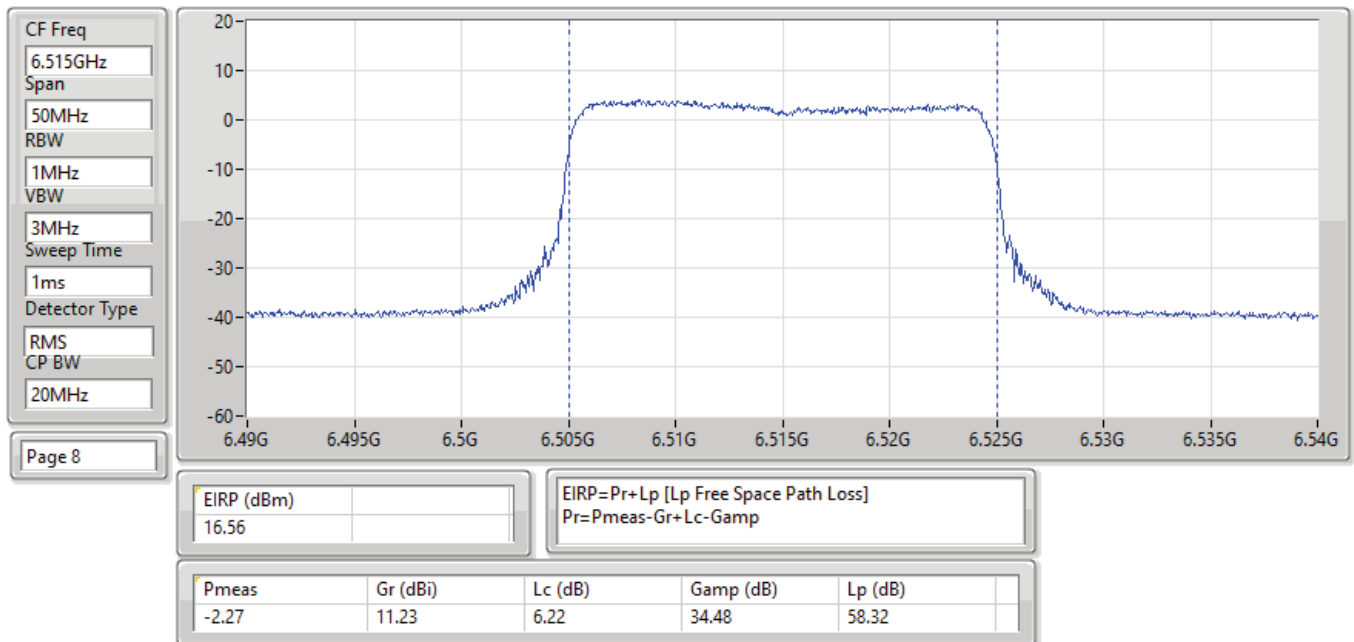
EIRP;Band:6.4G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6435MHz;TX



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

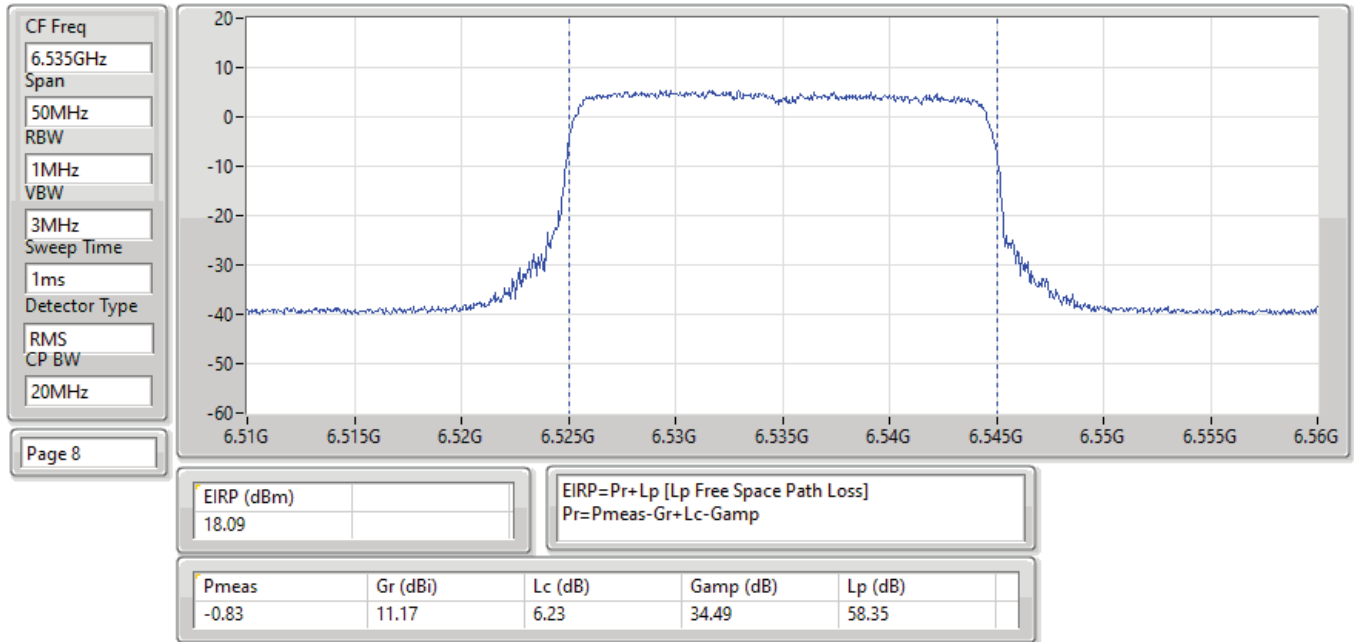


EIRP;Band:6.4G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6515MHz;TX

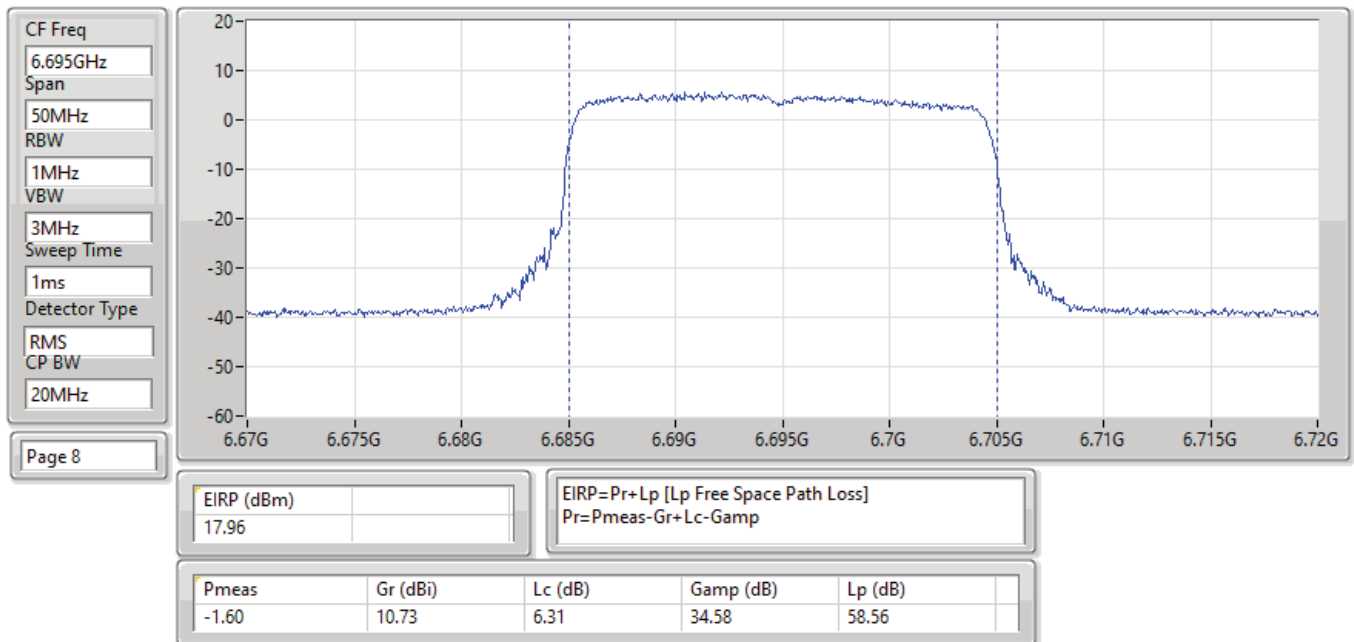




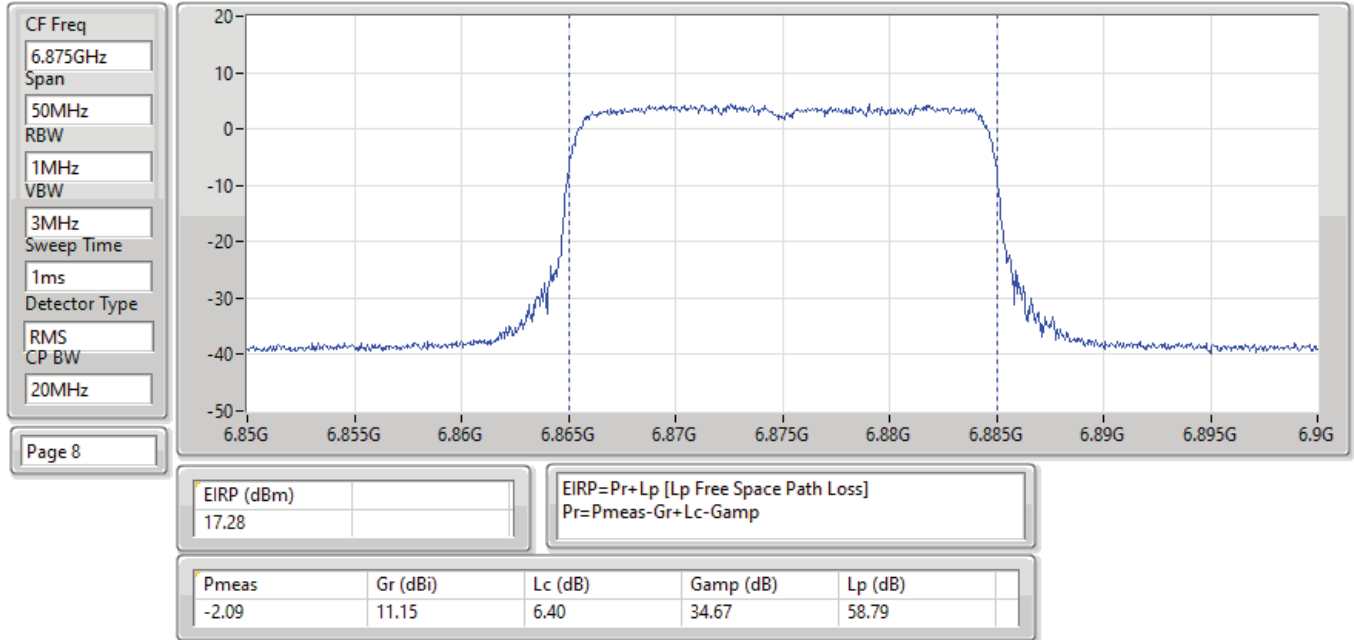
EIRP;Band:6.7G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6535MHz;TX



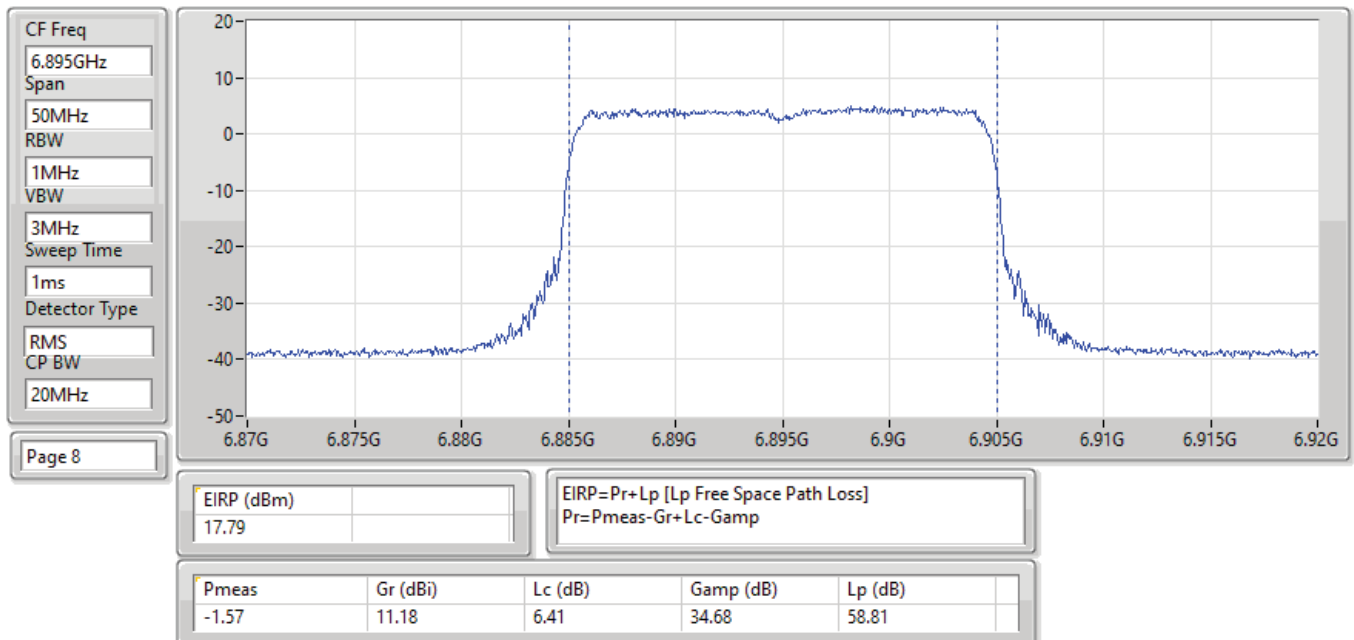
EIRP;Band:6.7G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6695MHz;TX



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

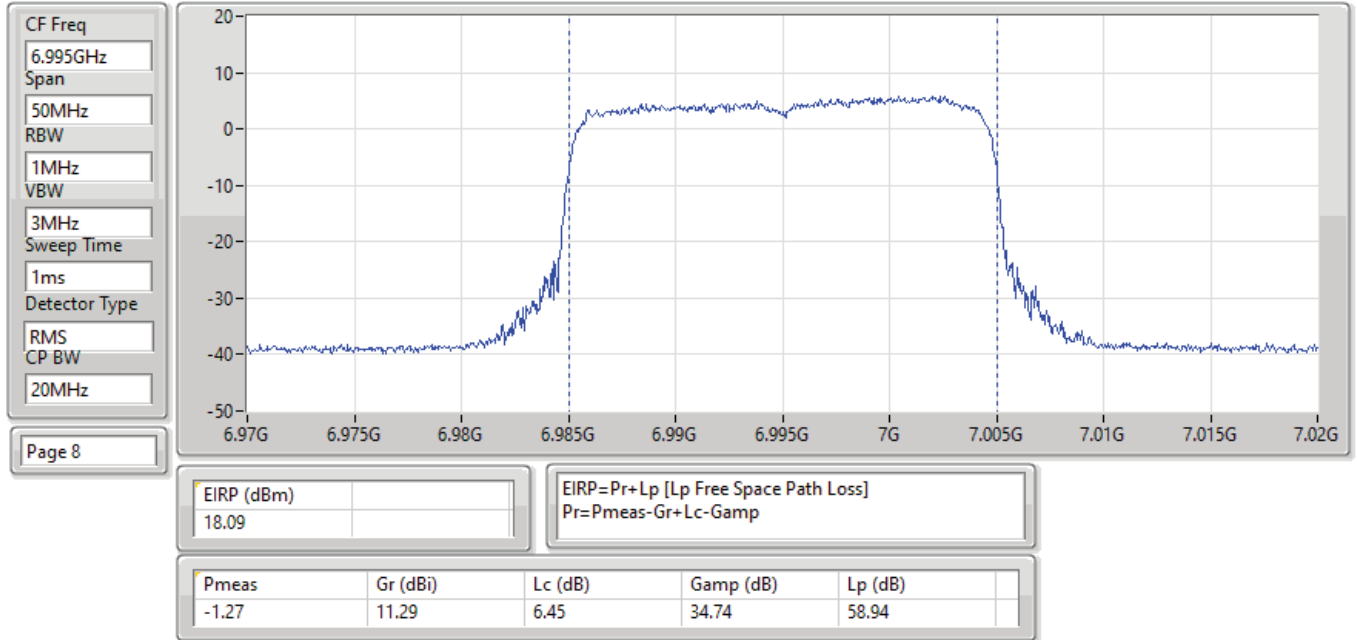


EIRP;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6895MHz;TX

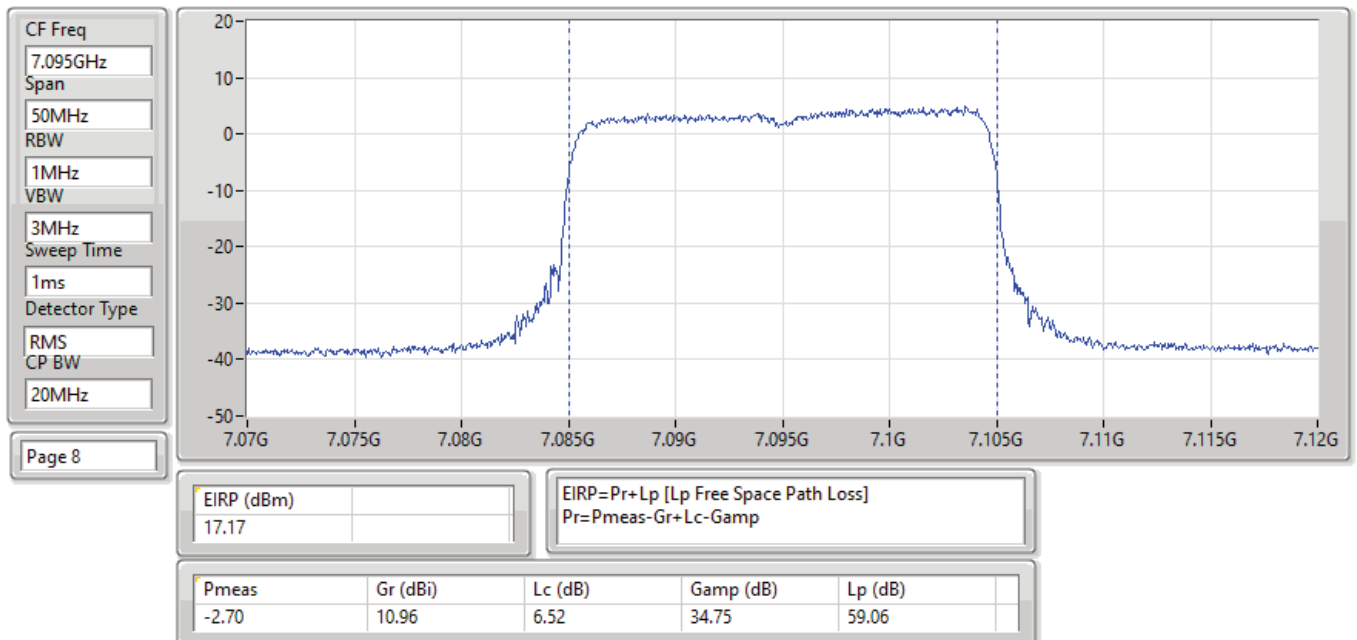




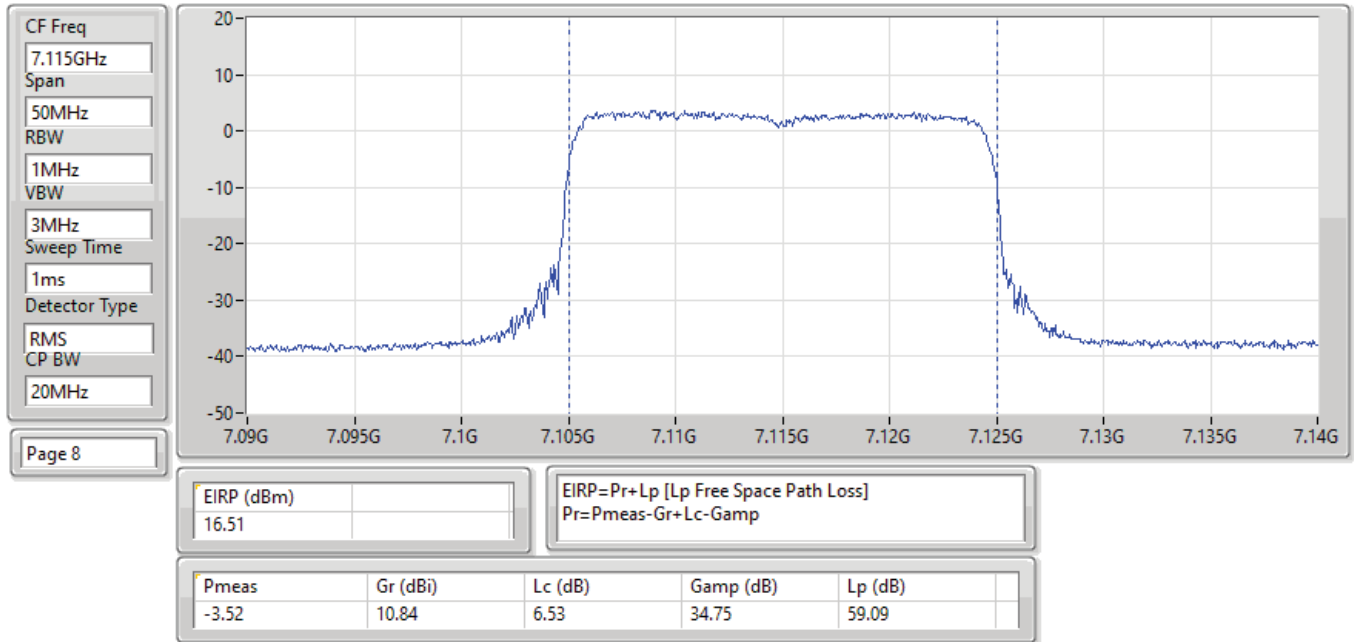
EIRP;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6995MHz;TX



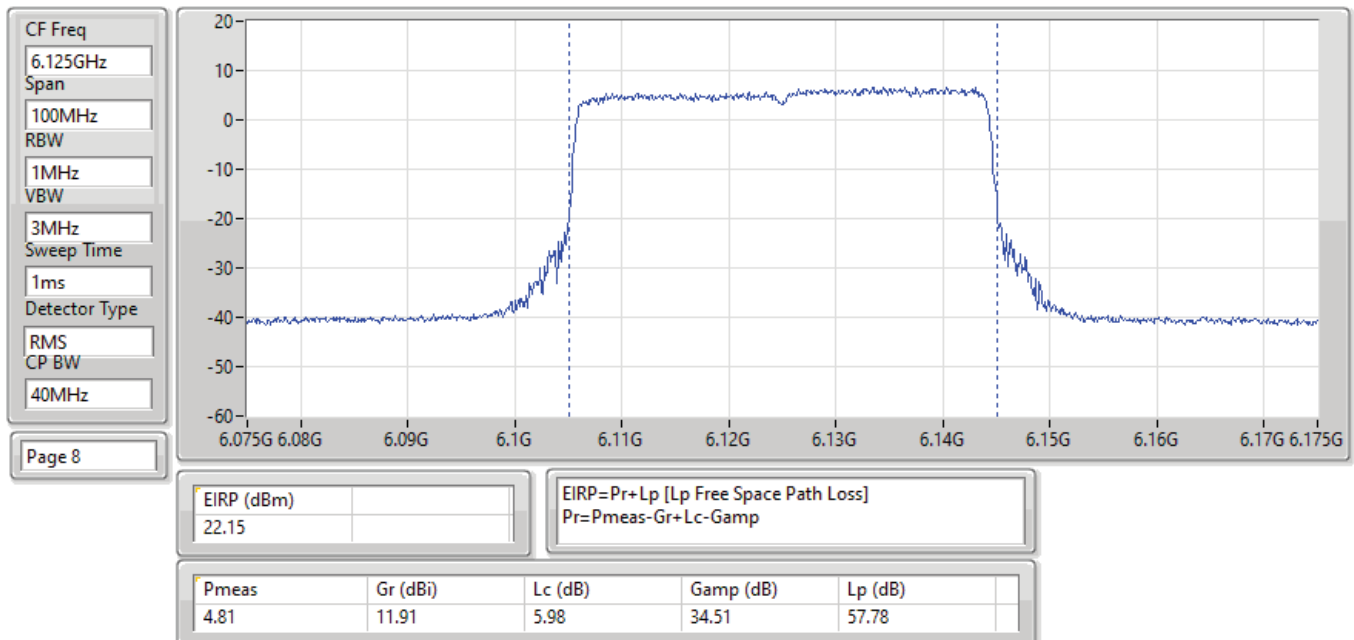
EIRP;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7095MHz;TX



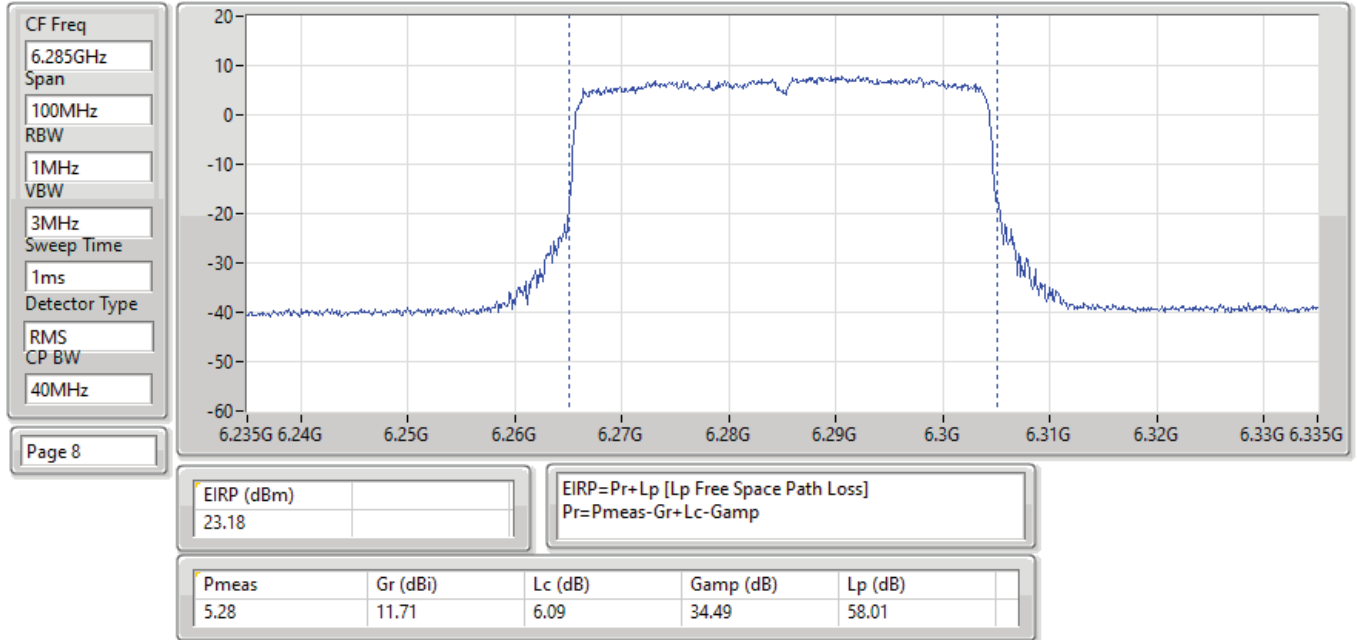
EIRP;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7115MHz;TX



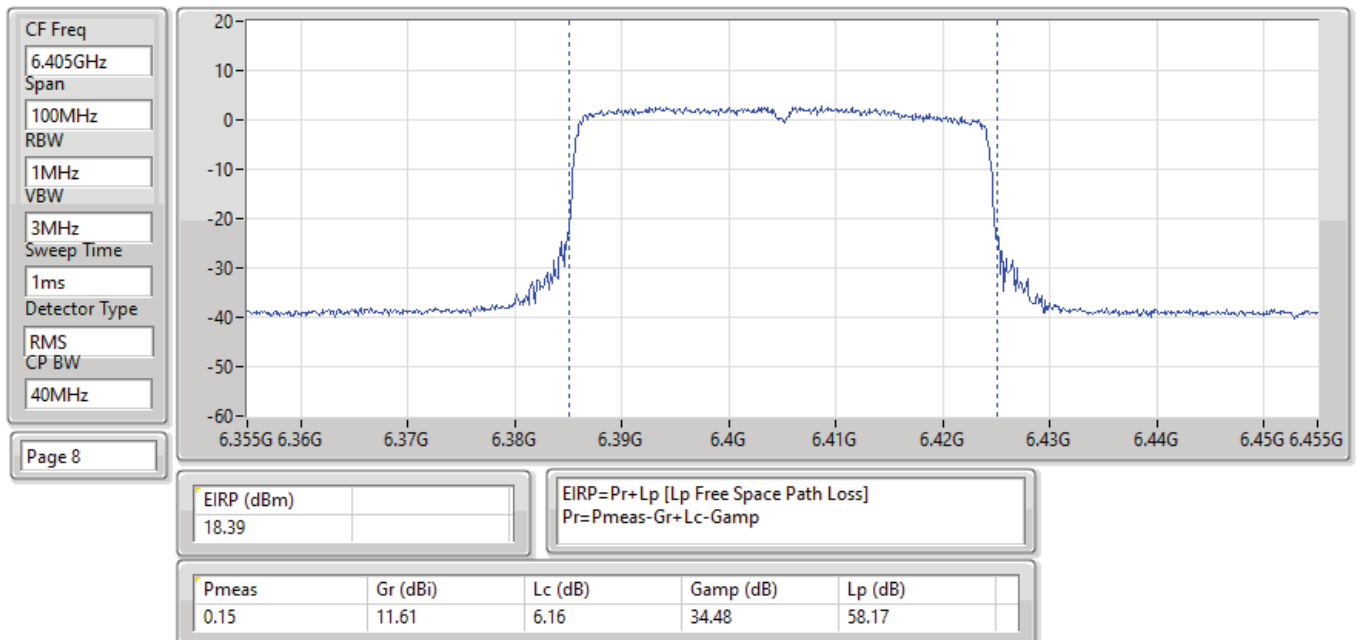
EIRP;Band:6.2G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6125MHz;TX



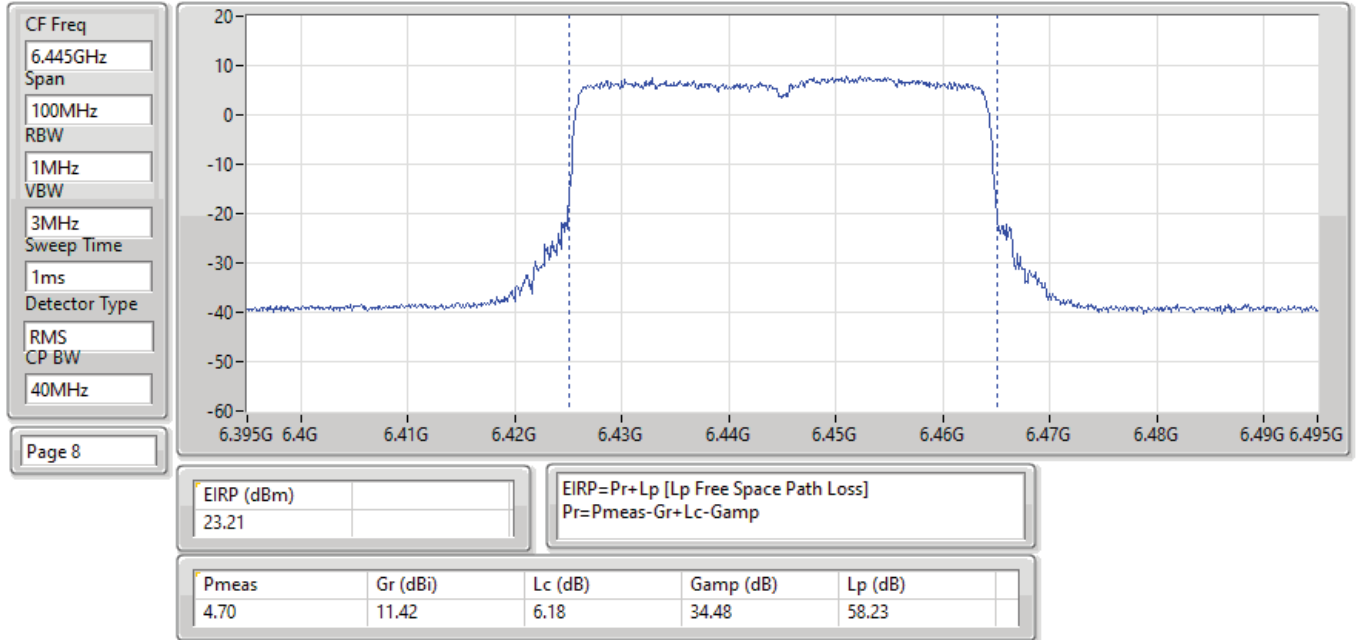
EIRP;Band:6.2G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6285MHz;TX



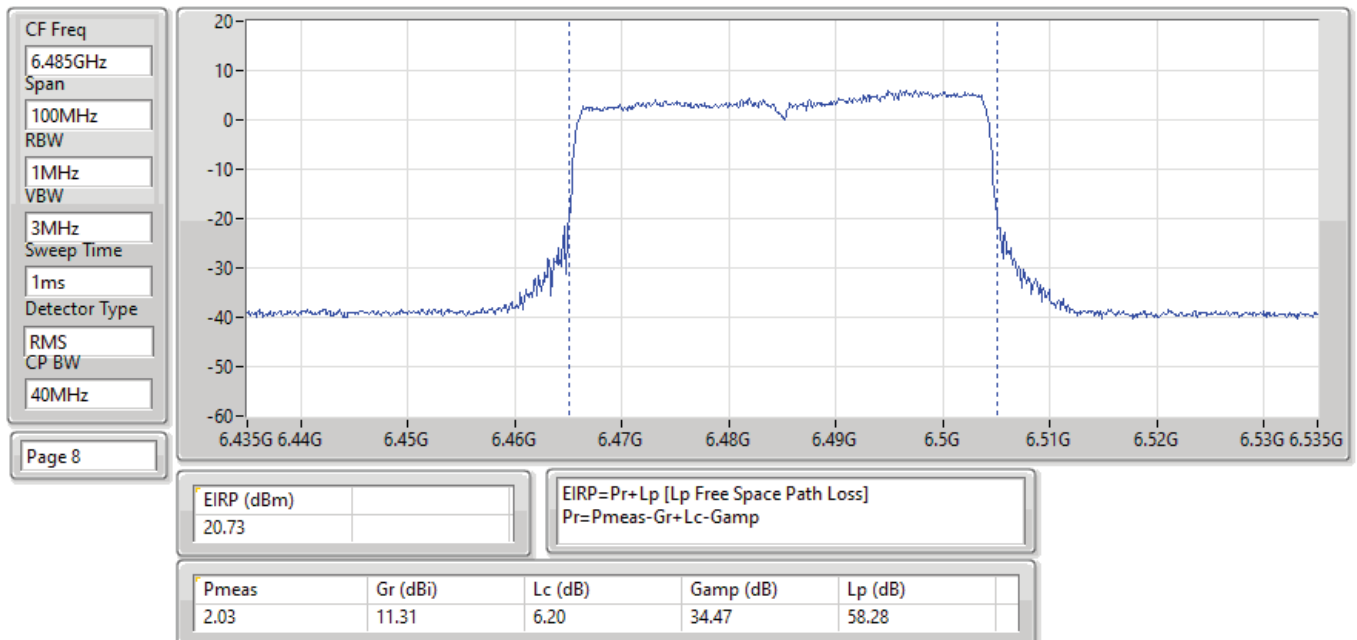
EIRP;Band:6.2G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6405MHz;TX



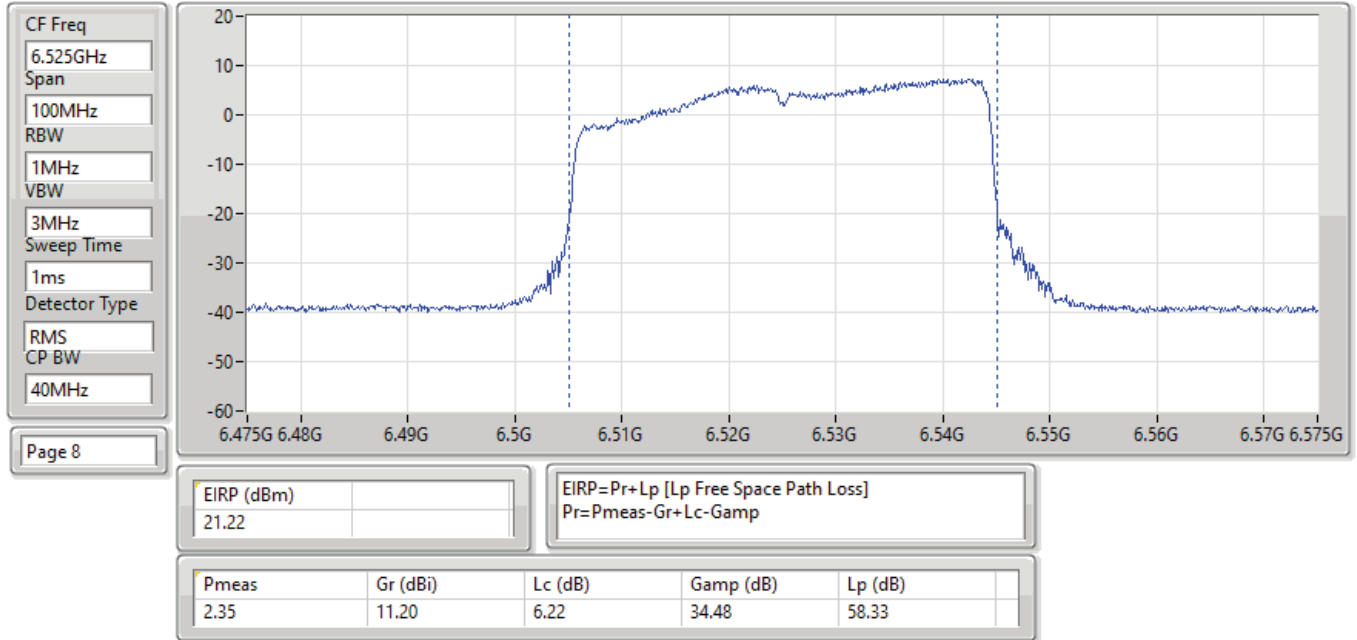
EIRP;Band:6.4G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6445MHz;TX



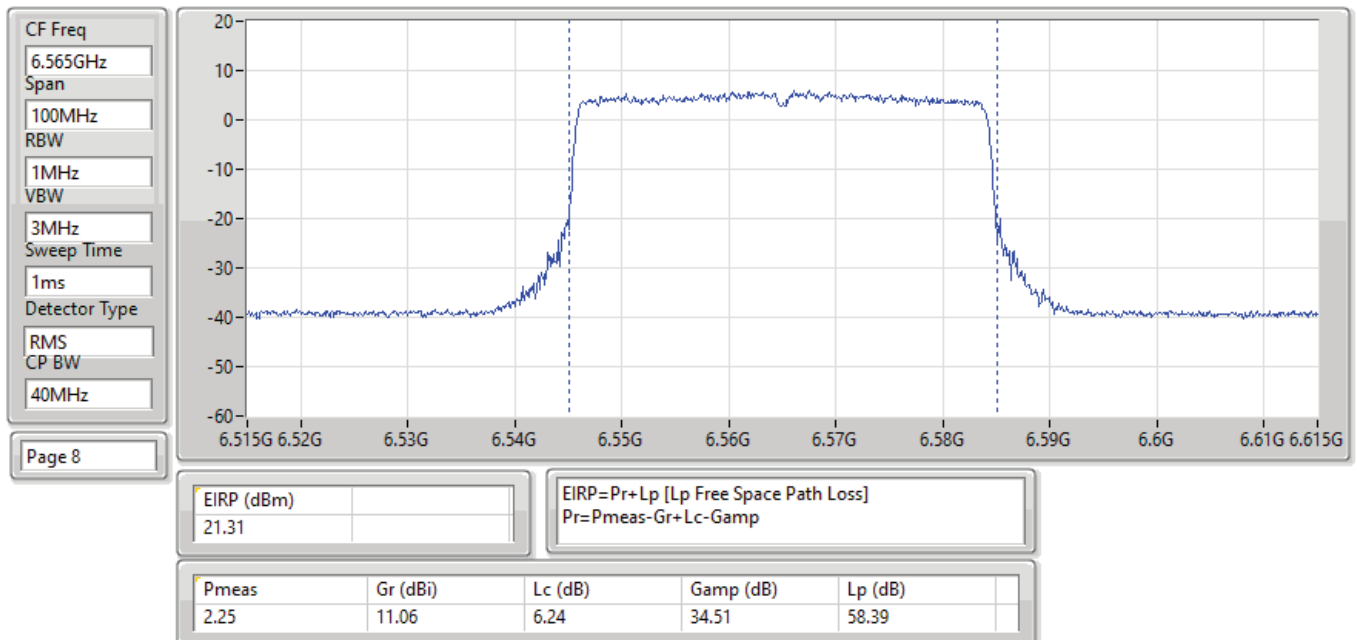
EIRP;Band:6.4G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6485MHz;TX



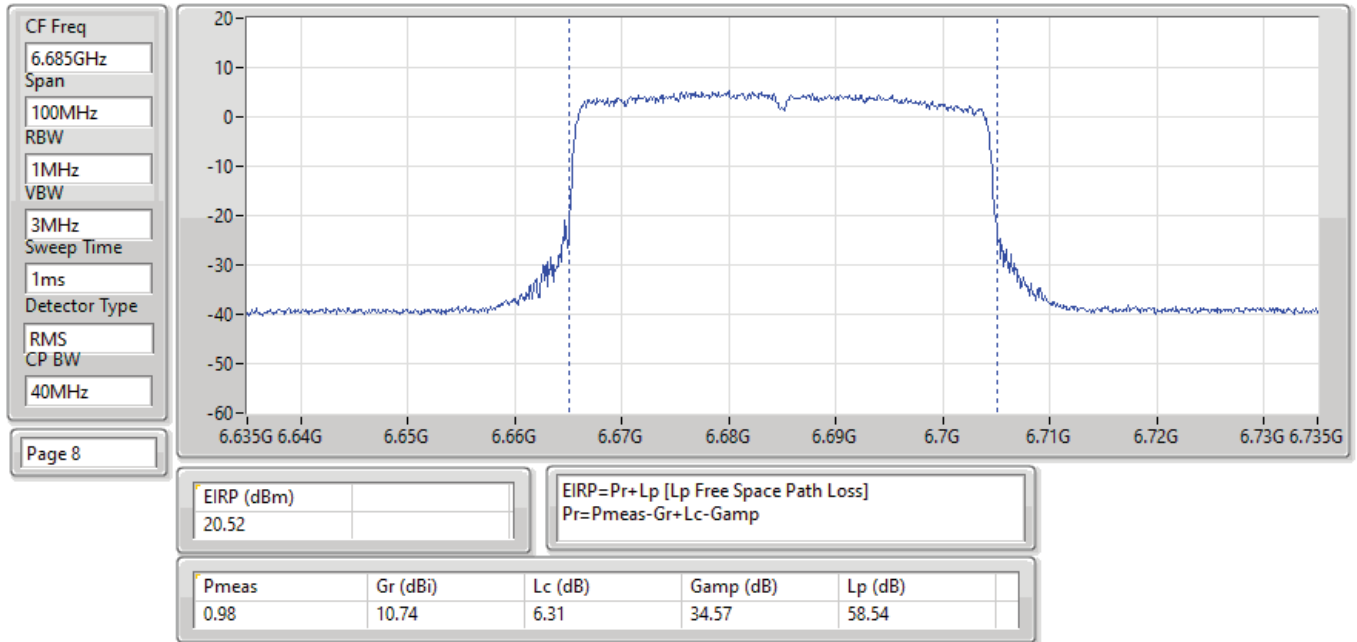
EIRP;Band:6.4G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6525MHz;TX



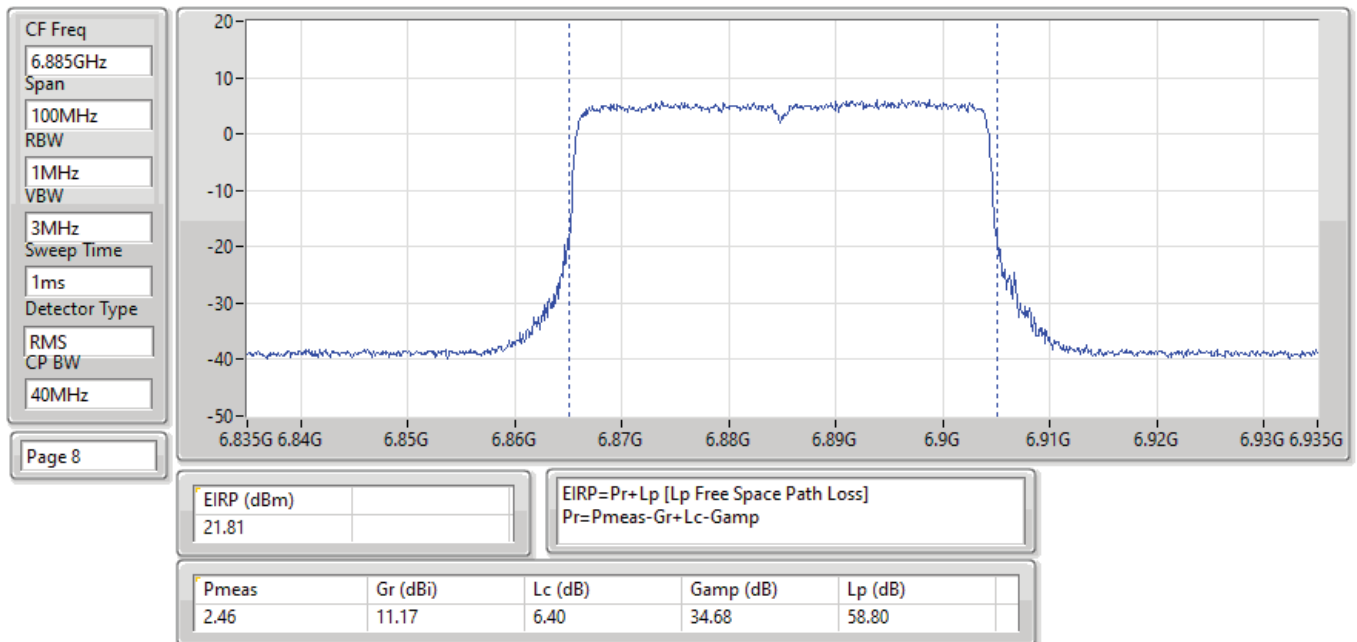
EIRP;Band:6.7G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6565MHz;TX



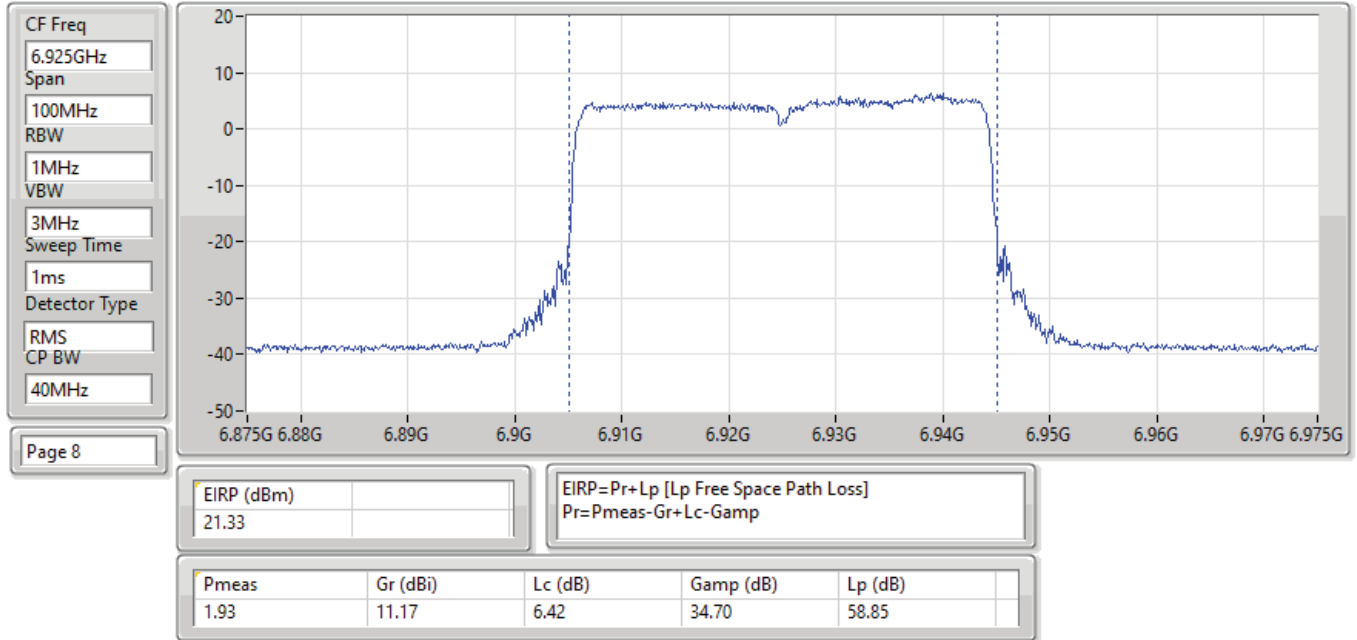
EIRP;Band:6.7G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6685MHz;TX



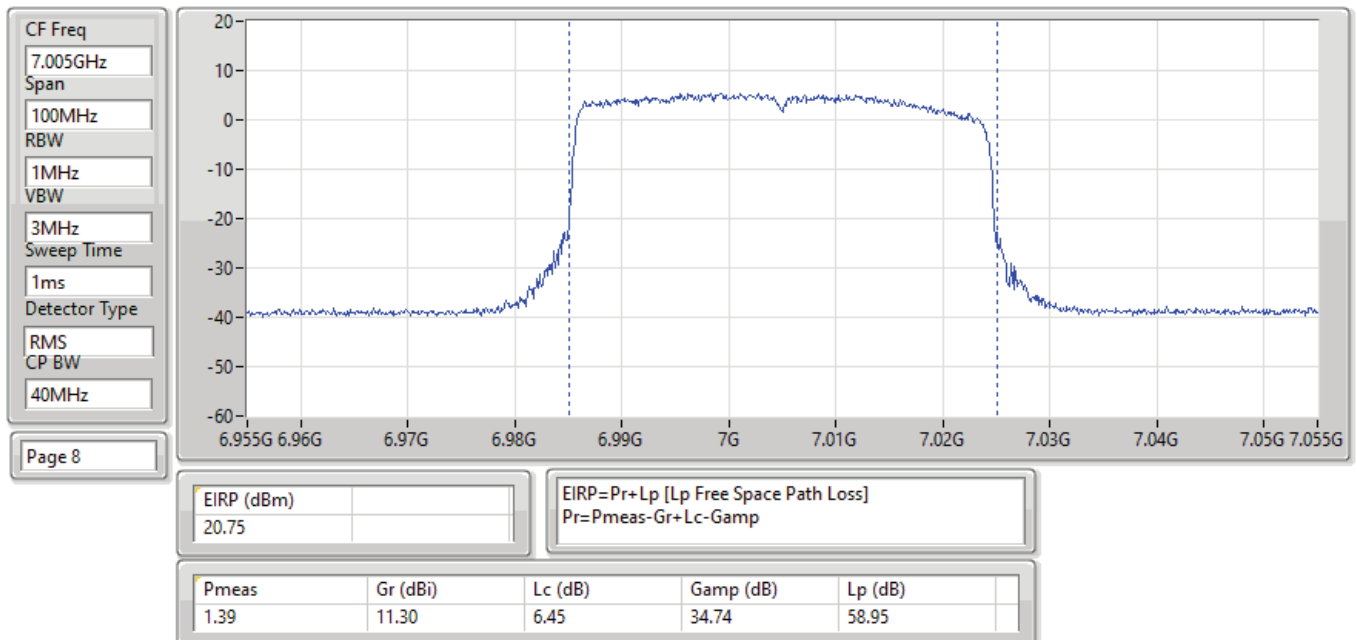
EIRP;Band:6.7G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6885MHz;TX



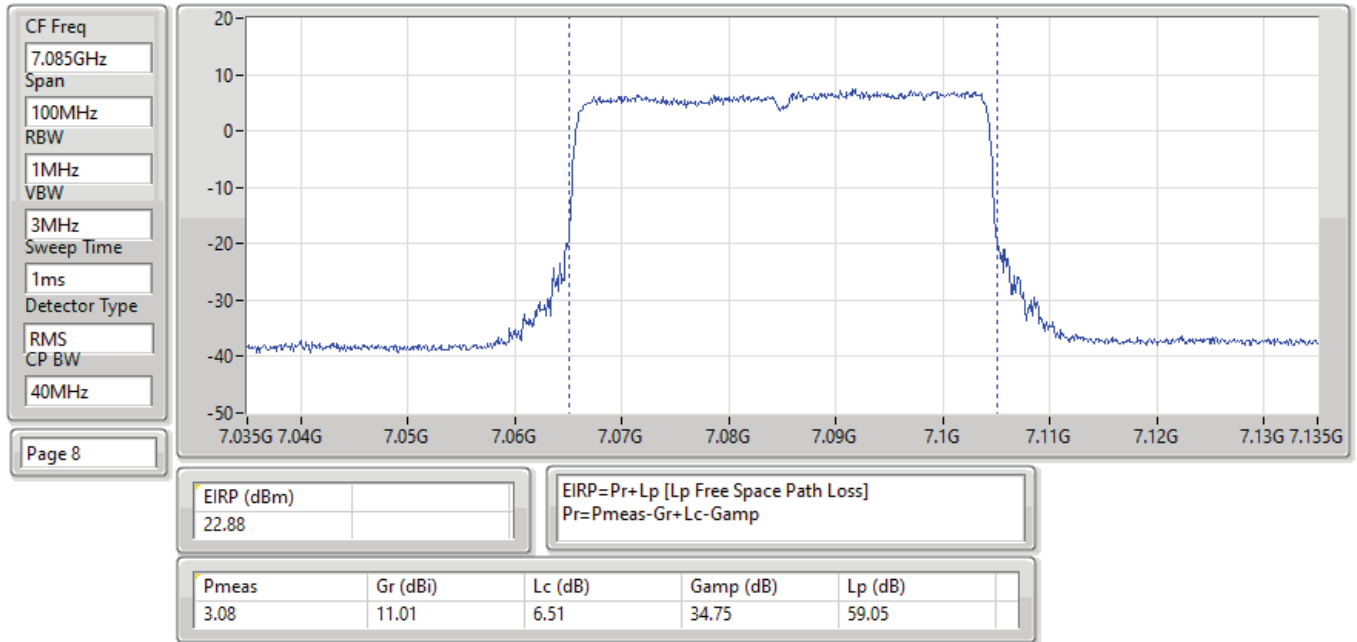
EIRP;Band:7.0G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6925MHz;TX



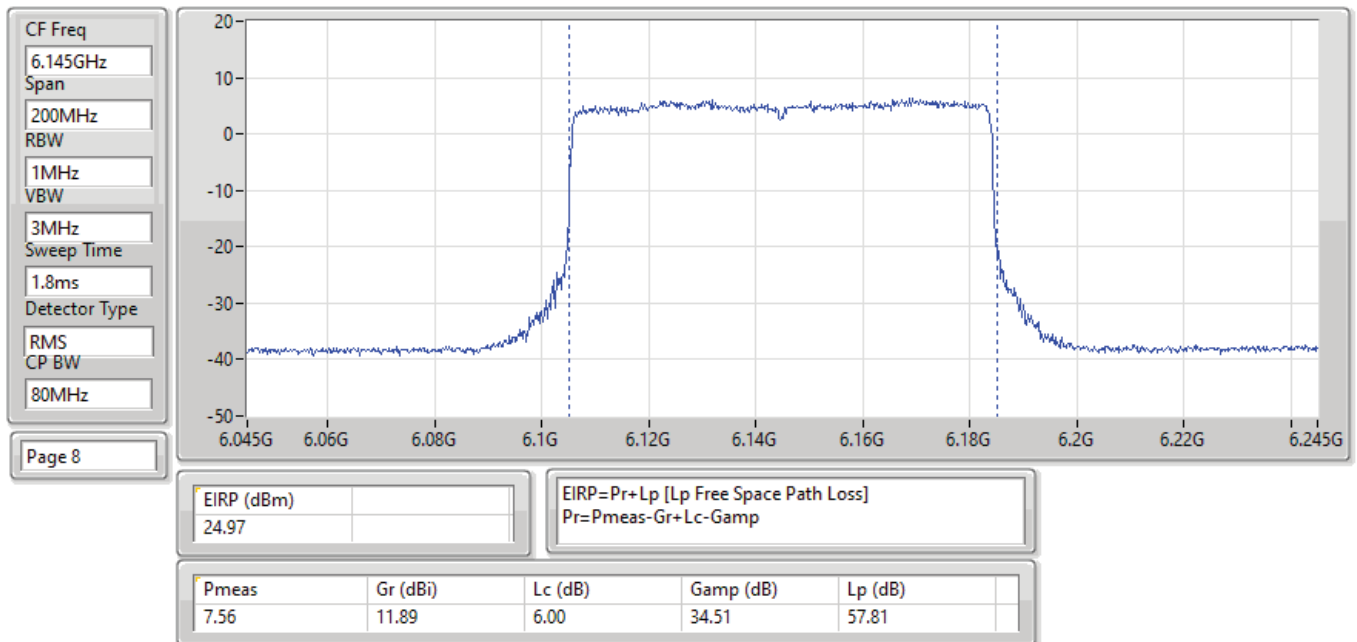
EIRP;Band:7.0G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7005MHz;TX



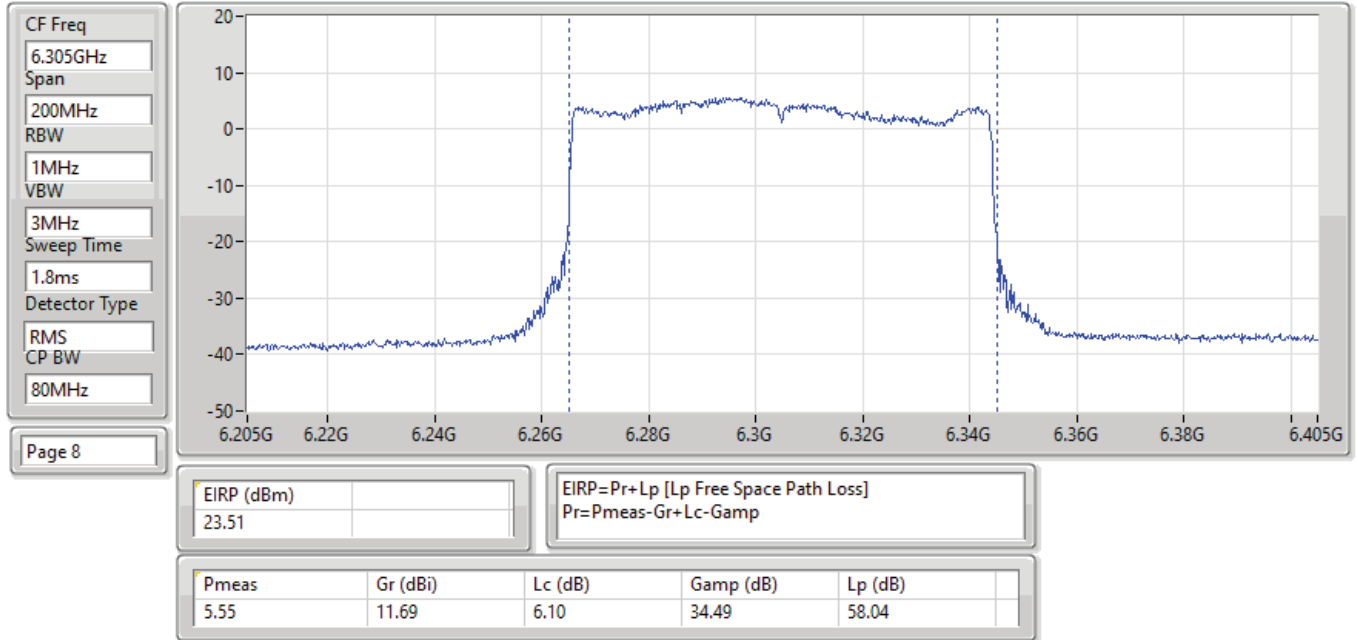
EIRP;Band:7.0G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7085MHz;TX



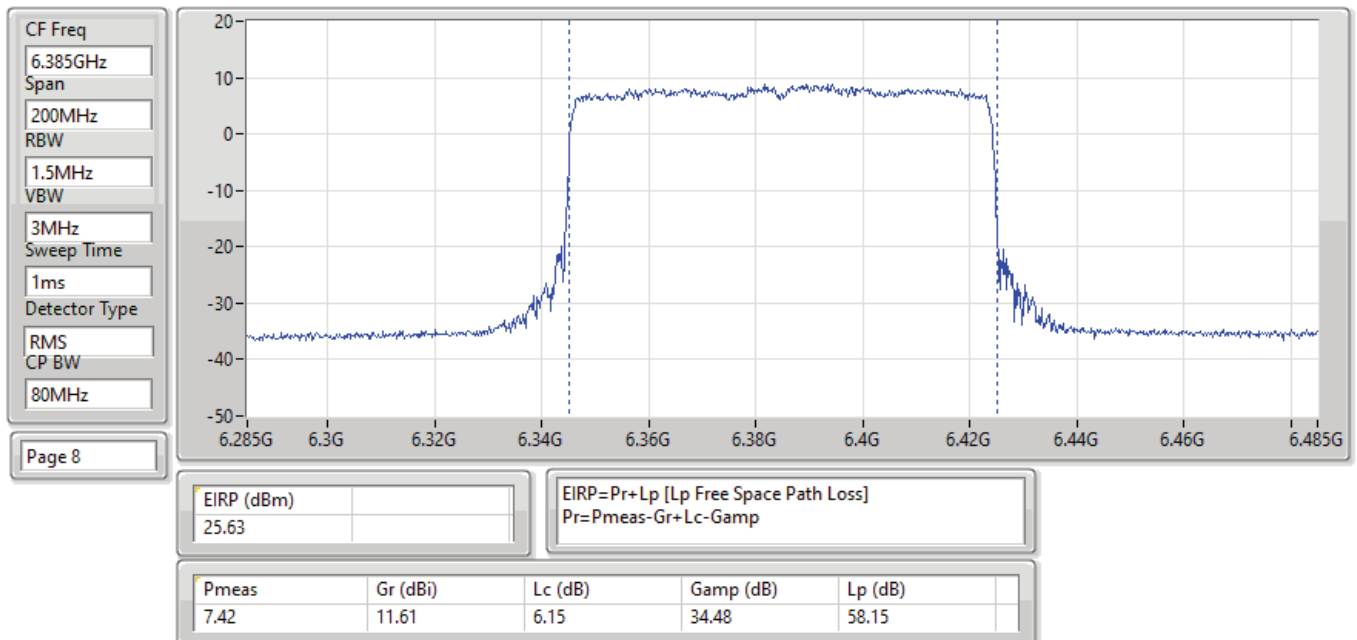
EIRP;Band:6.2G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6145MHz;TX



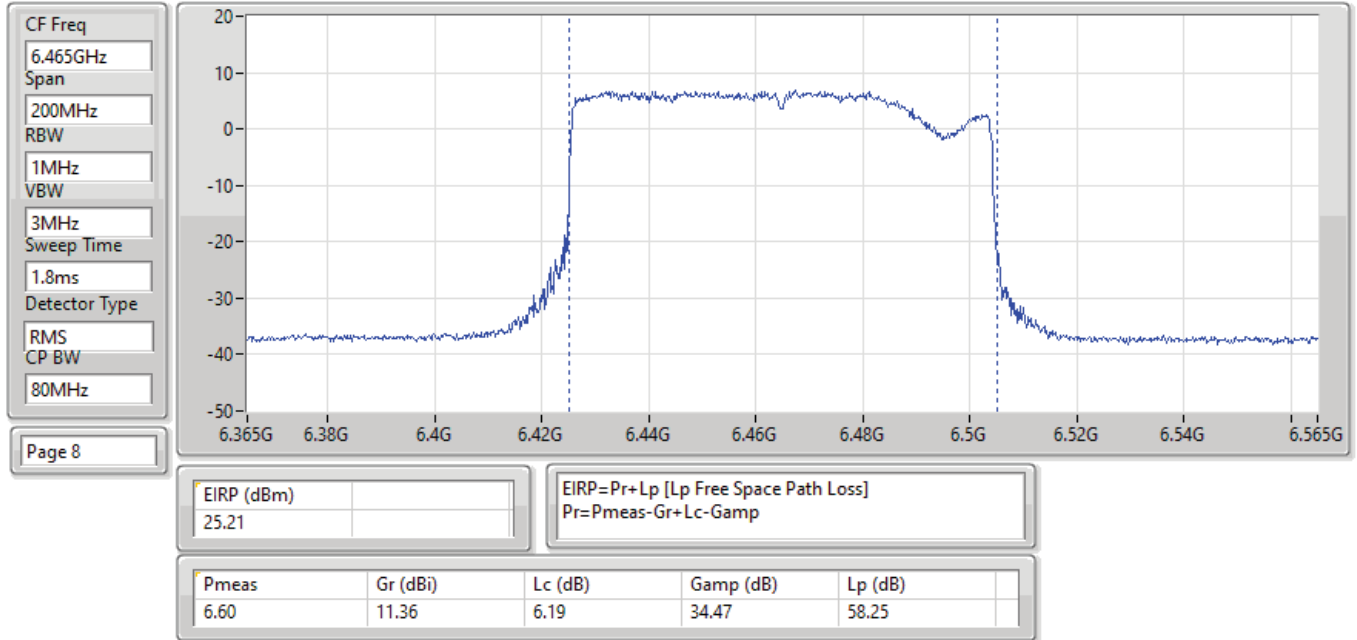
EIRP;Band:6.2G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6305MHz;TX



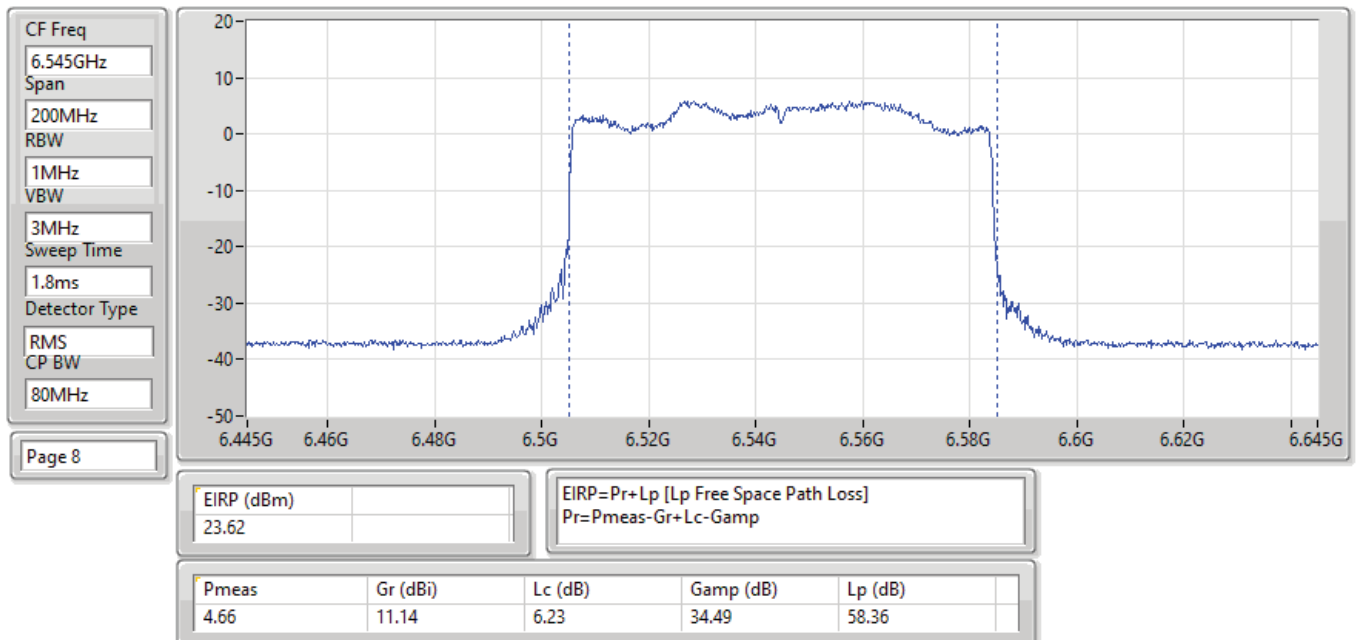
EIRP;Band:6.2G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6385MHz;TX



EIRP;Band:6.4G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6465MHz;TX

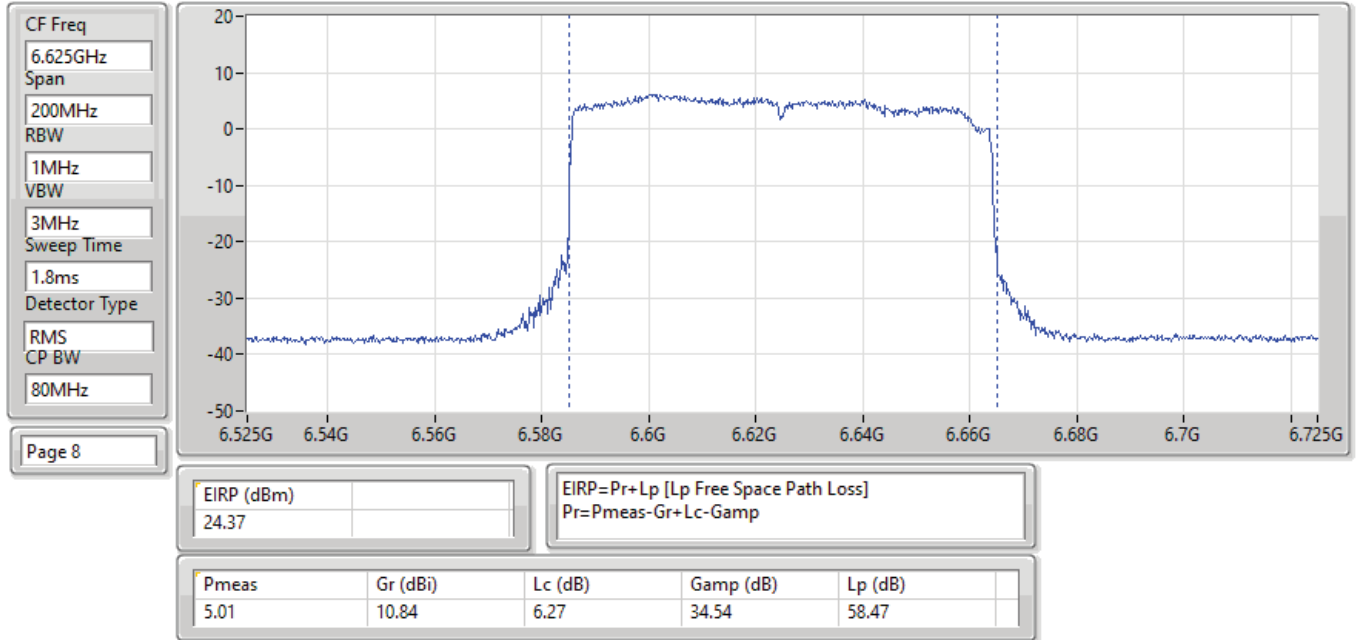


EIRP;Band:6.4G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6545MHz;TX

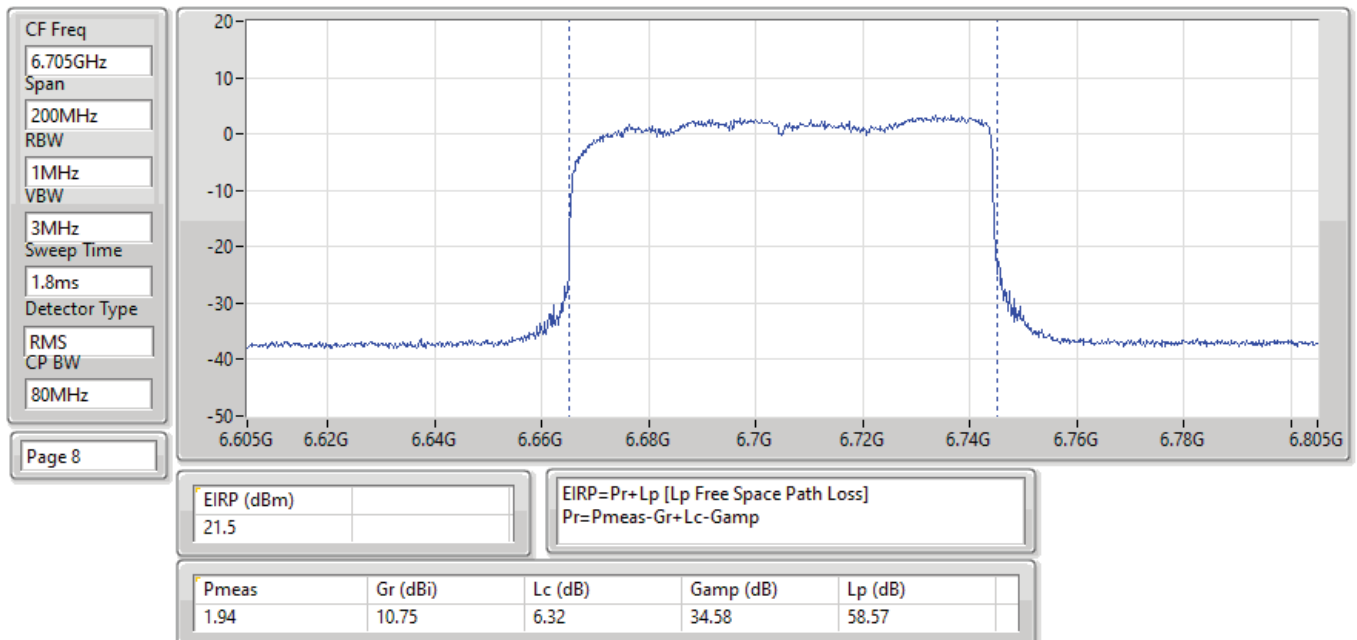




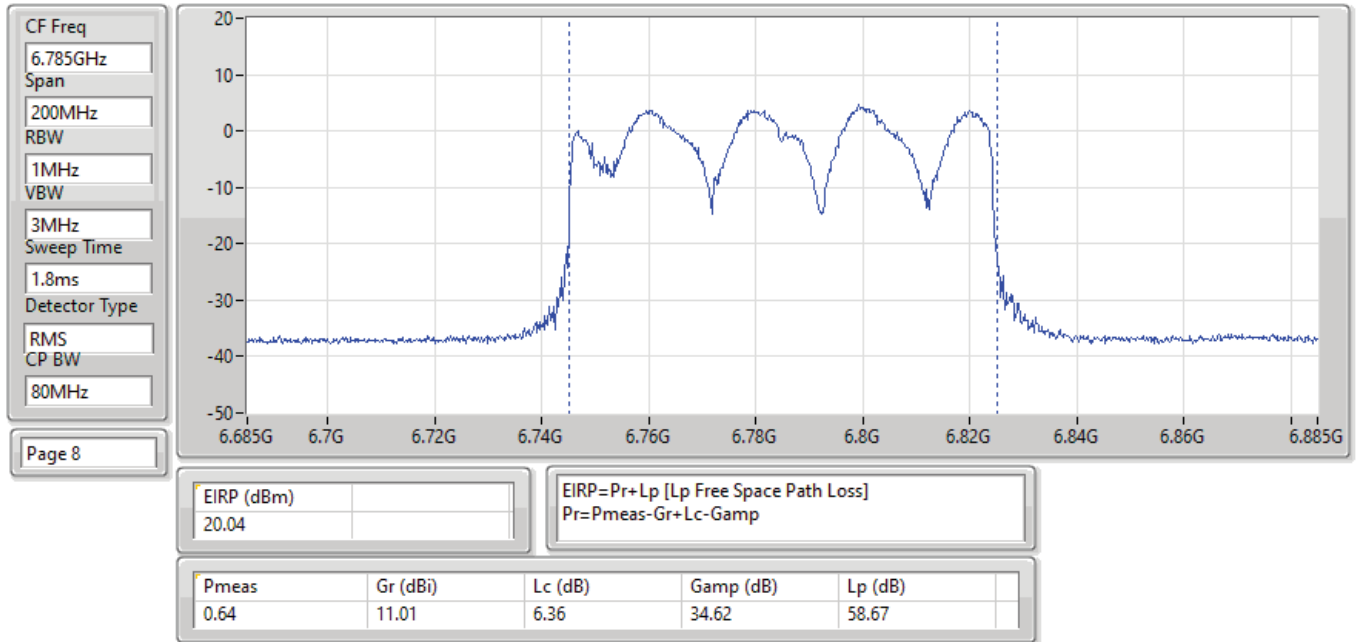
EIRP;Band:6.7G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6625MHz;TX



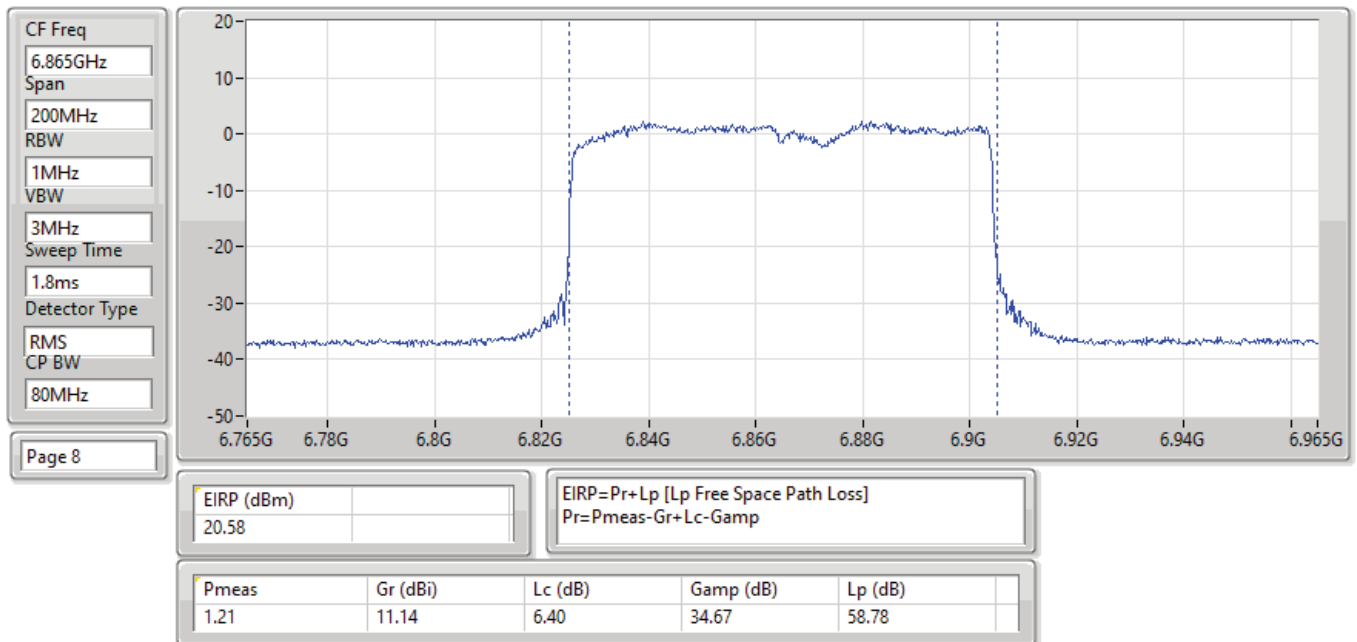
EIRP;Band:6.7G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6705MHz;TX



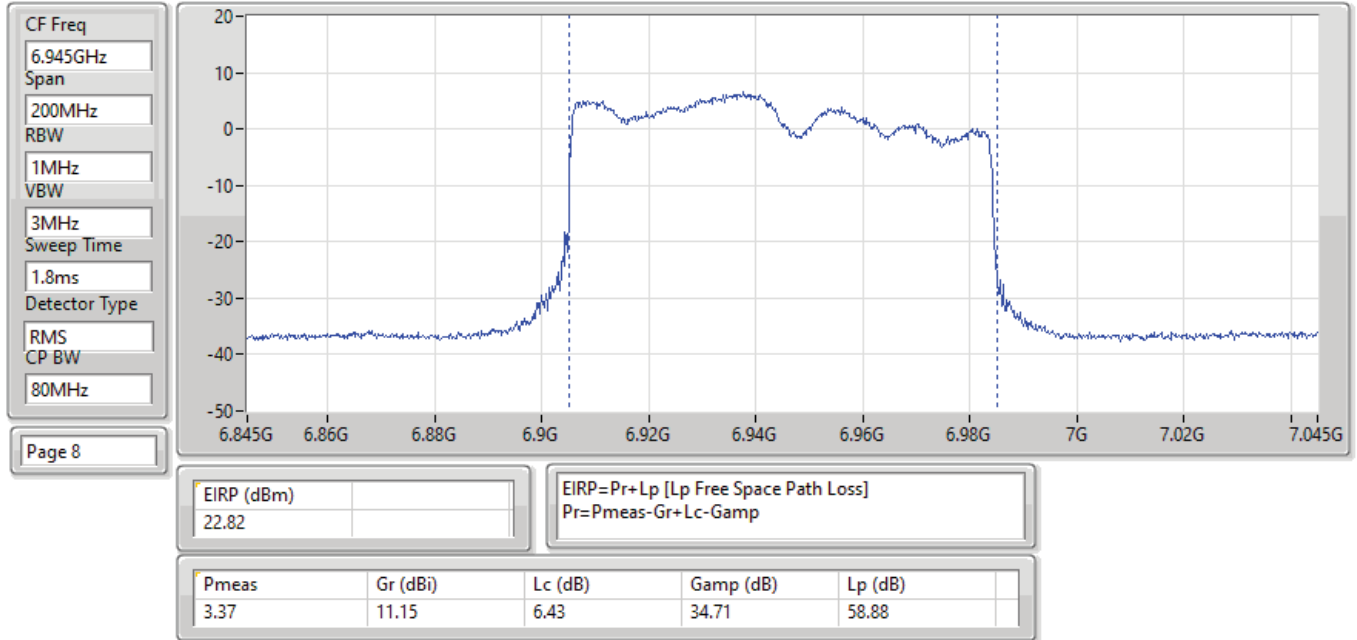
EIRP;Band:6.7G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6785MHz;TX



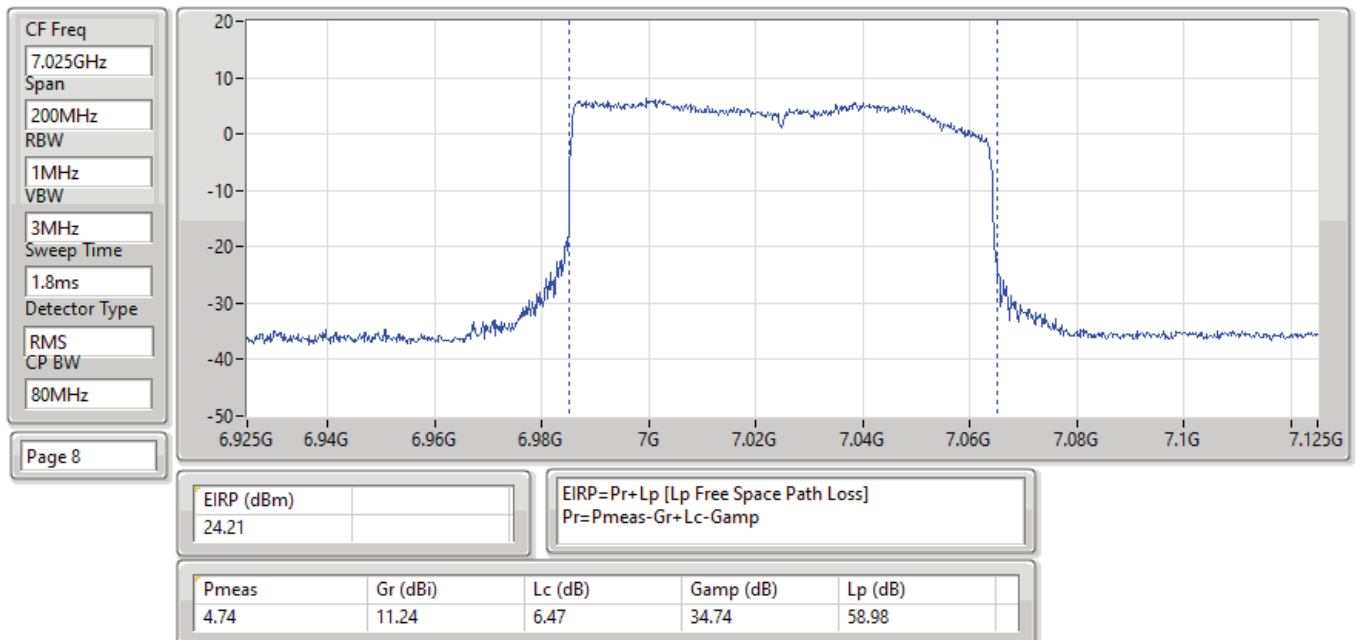
EIRP;Band:6.7G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6865MHz;TX



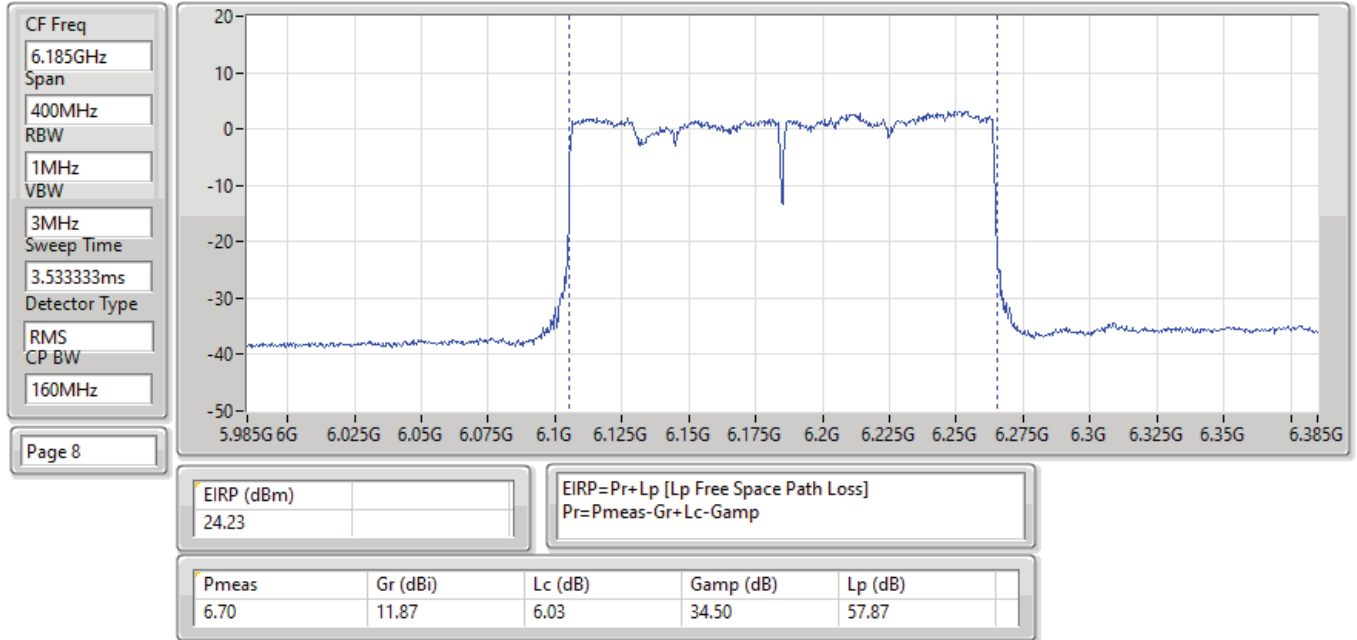
EIRP;Band:7.0G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6945MHz;TX



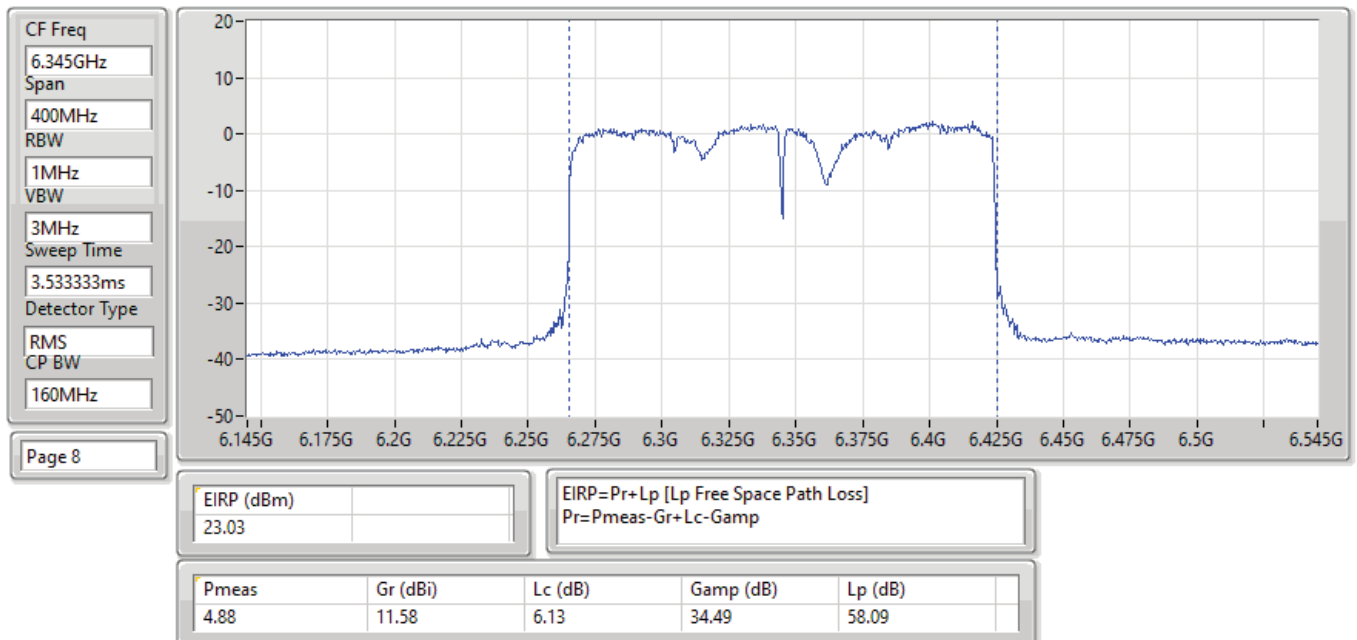
EIRP;Band:7.0G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:7025MHz;TX



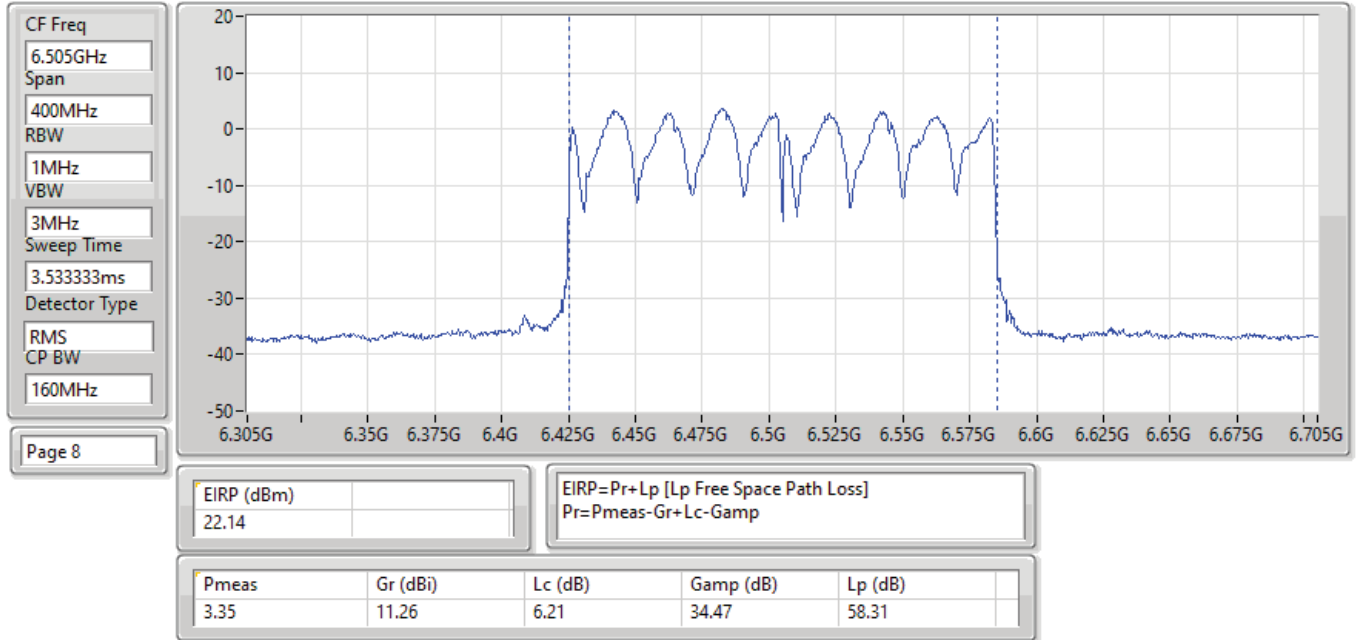
EIRP;Band:6.2G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6185MHz;TX



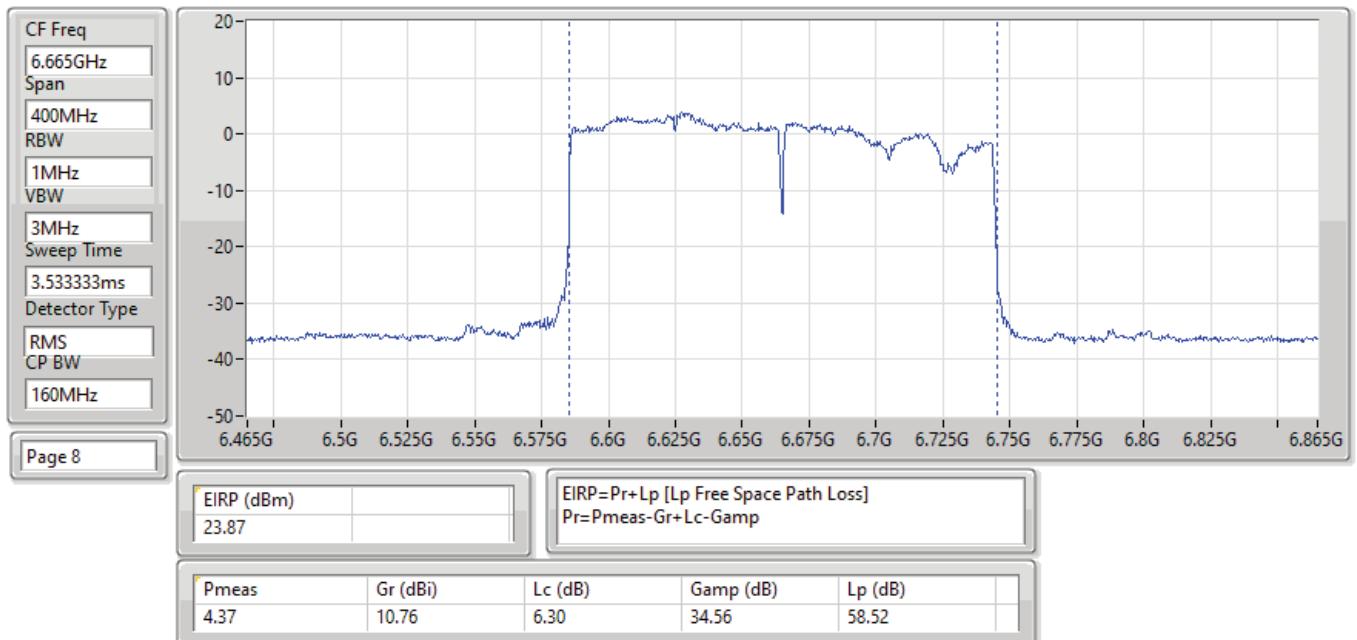
EIRP;Band:6.2G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6345MHz;TX



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



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





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

CF Freq

6.825GHz

Span

400MHz

RBW

1MHz

VBW

3MHz

Sweep Time

3.533333ms

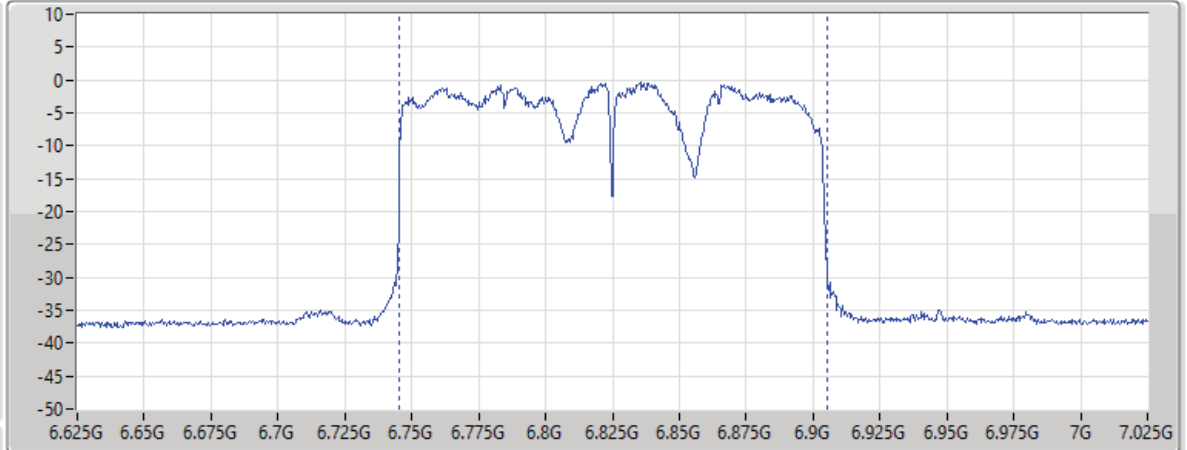
Detector Type

RMS

CP BW

160MHz

Page 8



EIRP (dBm)

20.11

EIRP=Pr+Lp [Lp Free Space Path Loss]

Pr=Pmeas-Gr+Lc-Gamp

Pmeas

Gr (dBi)

Lc (dB)

Gamp (dB)

Lp (dB)

0.75

11.09

6.38

34.65

58.72

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

CF Freq

6.985GHz

Span

400MHz

RBW

1MHz

VBW

3MHz

Sweep Time

3.533333ms

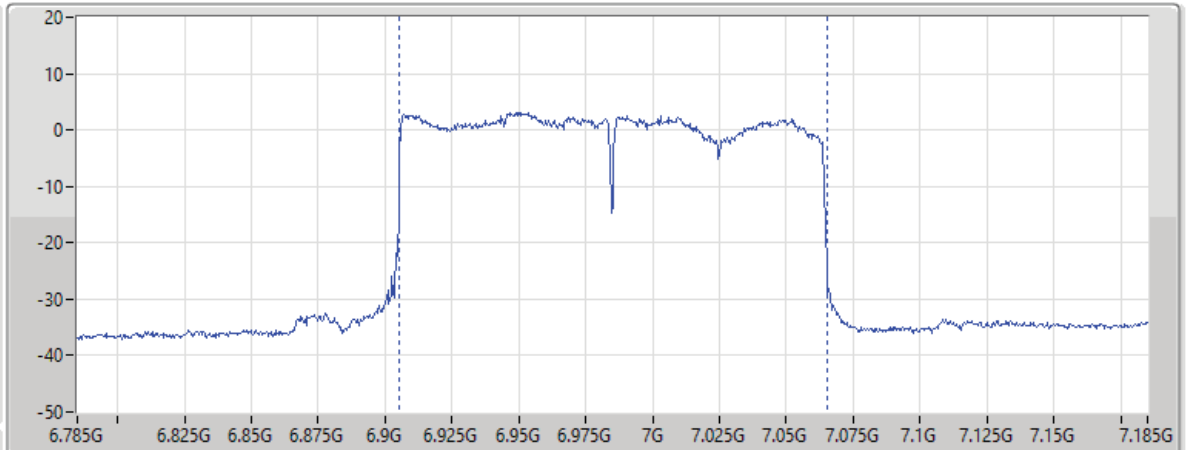
Detector Type

RMS

CP BW

160MHz

Page 8



EIRP (dBm)

24.17

EIRP=Pr+Lp [Lp Free Space Path Loss]

Pr=Pmeas-Gr+Lc-Gamp

Pmeas

Gr (dBi)

Lc (dB)

Gamp (dB)

Lp (dB)

4.79

11.26

6.44

34.73

58.93



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.925-6.425GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-1.11	4.91
802.11ax HEW40_Nss1,(MCS0)_4TX	-1.22	4.80
802.11ax HEW80_Nss1,(MCS0)_4TX	-1.26	4.76
802.11ax HEW160_Nss1,(MCS0)_4TX	-1.37	4.65
6.425-6.525GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-1.08	4.94
802.11ax HEW40_Nss1,(MCS0)_4TX	-1.24	4.78
802.11ax HEW80_Nss1,(MCS0)_4TX	-1.31	4.71
802.11ax HEW160_Nss1,(MCS0)_4TX	-1.63	4.39
6.525-6.875GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-1.17	4.85
802.11ax HEW40_Nss1,(MCS0)_4TX	-1.36	4.66
802.11ax HEW80_Nss1,(MCS0)_4TX	-1.32	4.70
802.11ax HEW160_Nss1,(MCS0)_4TX	-1.28	4.74
6.875-7.125GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-1.15	4.87
802.11ax HEW40_Nss1,(MCS0)_4TX	-1.24	4.78
802.11ax HEW80_Nss1,(MCS0)_4TX	-1.26	4.76
802.11ax HEW160_Nss1,(MCS0)_4TX	-1.28	4.74

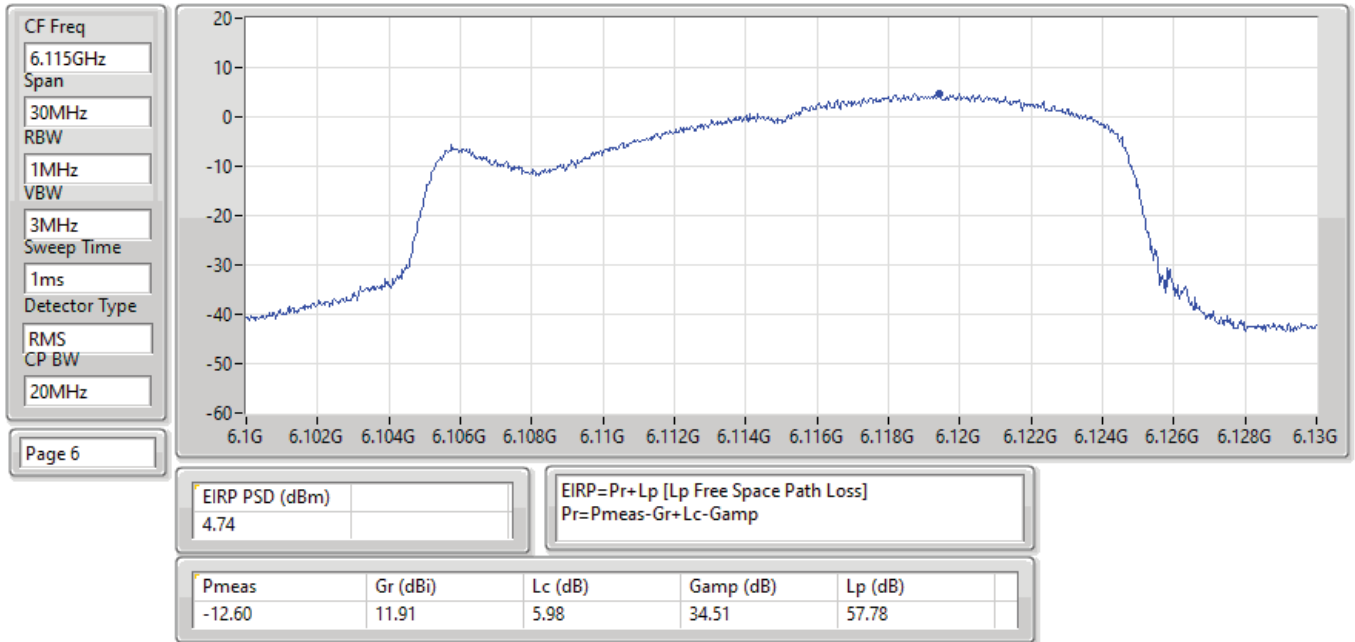
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

**Result**

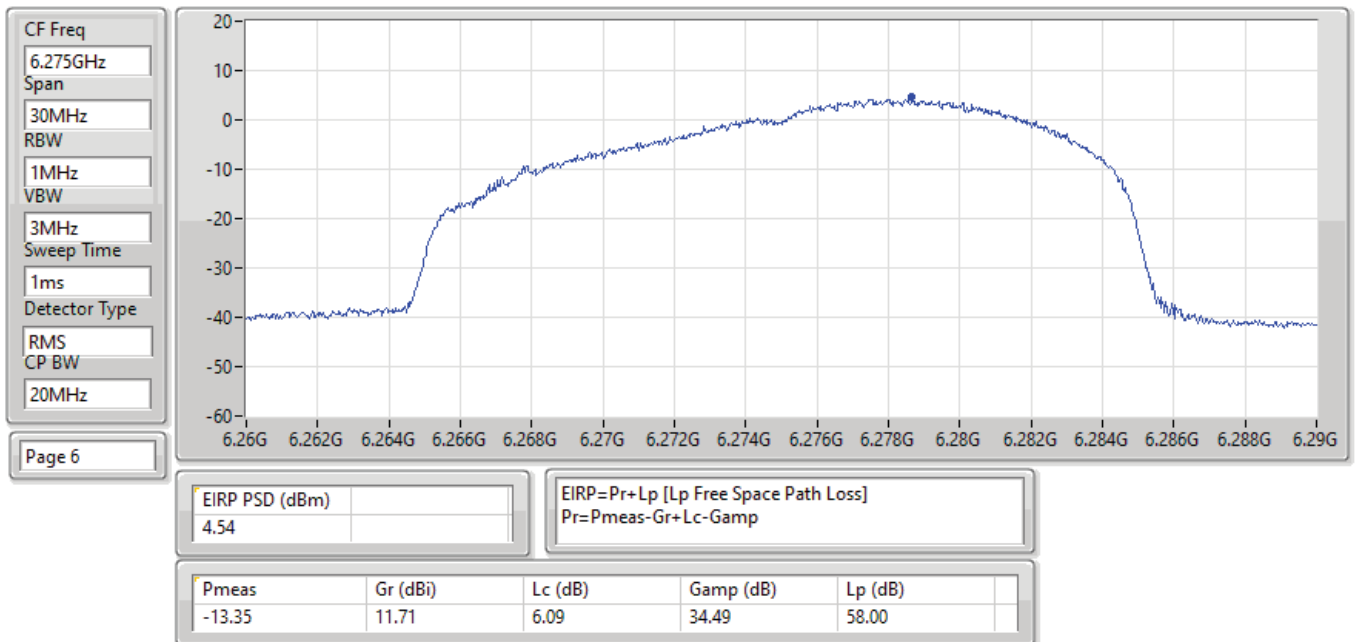
Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-
6115MHz	Pass	4.74	5.00
6275MHz	Pass	4.54	5.00
6415MHz	Pass	4.81	5.00
6435MHz	Pass	4.94	5.00
6475MHz	Pass	4.48	5.00
6515MHz	Pass	4.62	5.00
6535MHz	Pass	4.85	5.00
6695MHz	Pass	4.72	5.00
6875MHz Straddle 6.525-6.875GHz	Pass	4.73	5.00
6895MHz	Pass	4.74	5.00
6995MHz	Pass	4.82	5.00
7095MHz	Pass	4.87	5.00
7115MHz	Pass	4.79	5.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-
6125MHz	Pass	4.74	5.00
6285MHz	Pass	4.46	5.00
6405MHz	Pass	4.80	5.00
6445MHz	Pass	4.69	5.00
6485MHz	Pass	4.78	5.00
6525MHz Straddle 6.425-6.525GHz	Pass	4.64	5.00
6565MHz	Pass	4.60	5.00
6685MHz	Pass	4.66	5.00
6885MHz Straddle 6.525-6.875GHz	Pass	4.65	5.00
6925MHz	Pass	4.78	5.00
7005MHz	Pass	4.68	5.00
7085MHz	Pass	4.64	5.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-
6145MHz	Pass	4.67	5.00
6305MHz	Pass	4.55	5.00
6385MHz	Pass	4.71	5.00
6465MHz	Pass	4.62	5.00
6545MHz Straddle 6.425-6.525GHz	Pass	4.71	5.00
6625MHz	Pass	4.31	5.00
6705MHz	Pass	4.24	5.00
6785MHz	Pass	4.70	5.00
6865MHz Straddle 6.525-6.875GHz	Pass	4.68	5.00
6945MHz	Pass	4.76	5.00
7025MHz	Pass	4.65	5.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-
6185MHz	Pass	4.59	5.00
6345MHz	Pass	4.65	5.00
6505MHz Straddle 6.425-6.525GHz	Pass	4.39	5.00
6665MHz	Pass	4.74	5.00
6825MHz Straddle 6.525-6.875GHz	Pass	4.27	5.00
6985MHz	Pass	4.74	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;TX

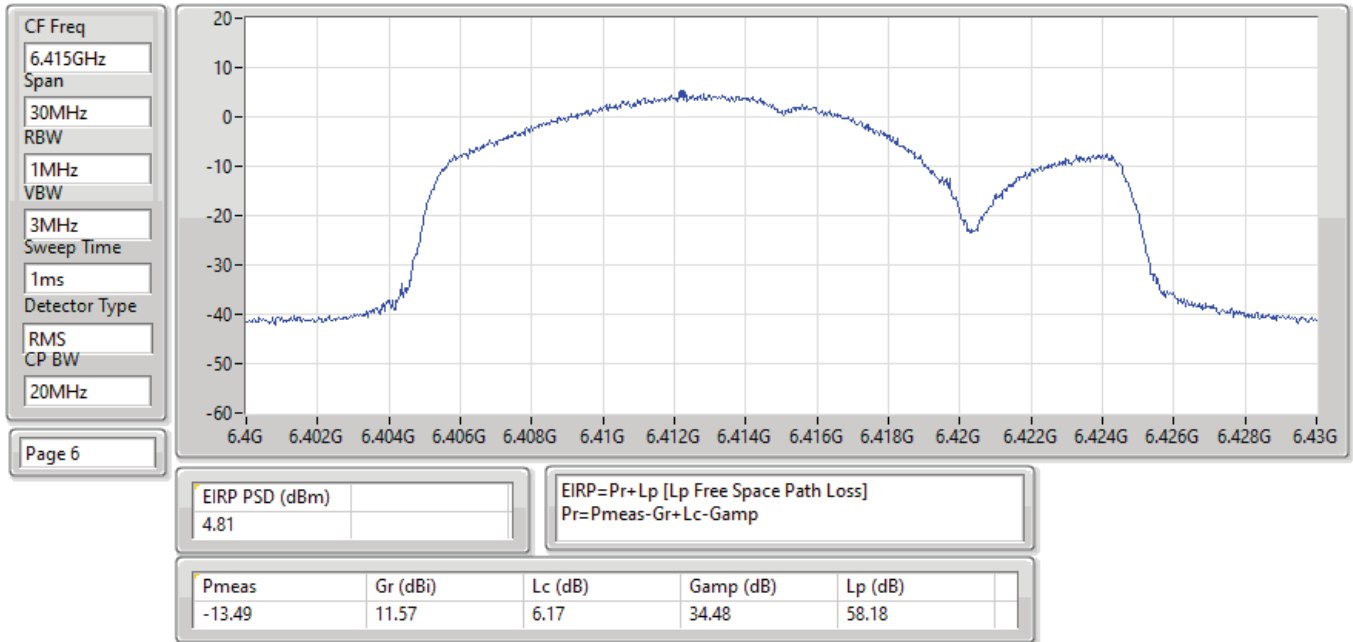


EIRP PSD;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6275MHz;TX

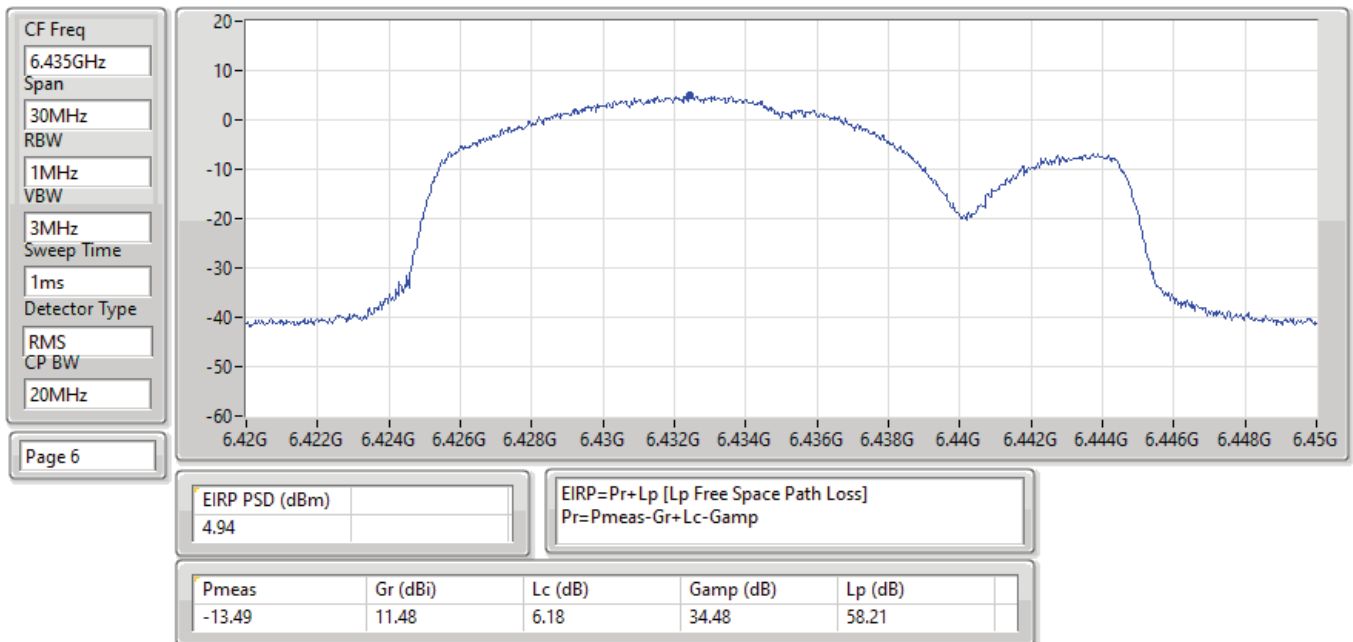




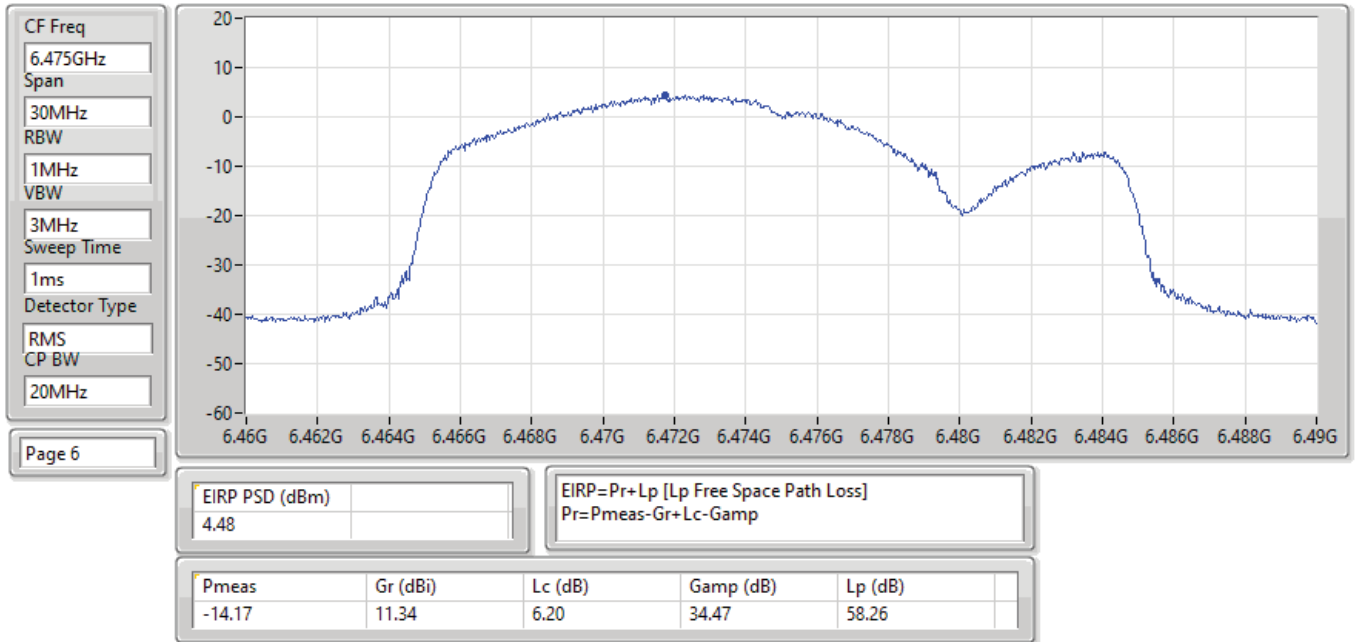
EIRP PSD;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6415MHz;TX



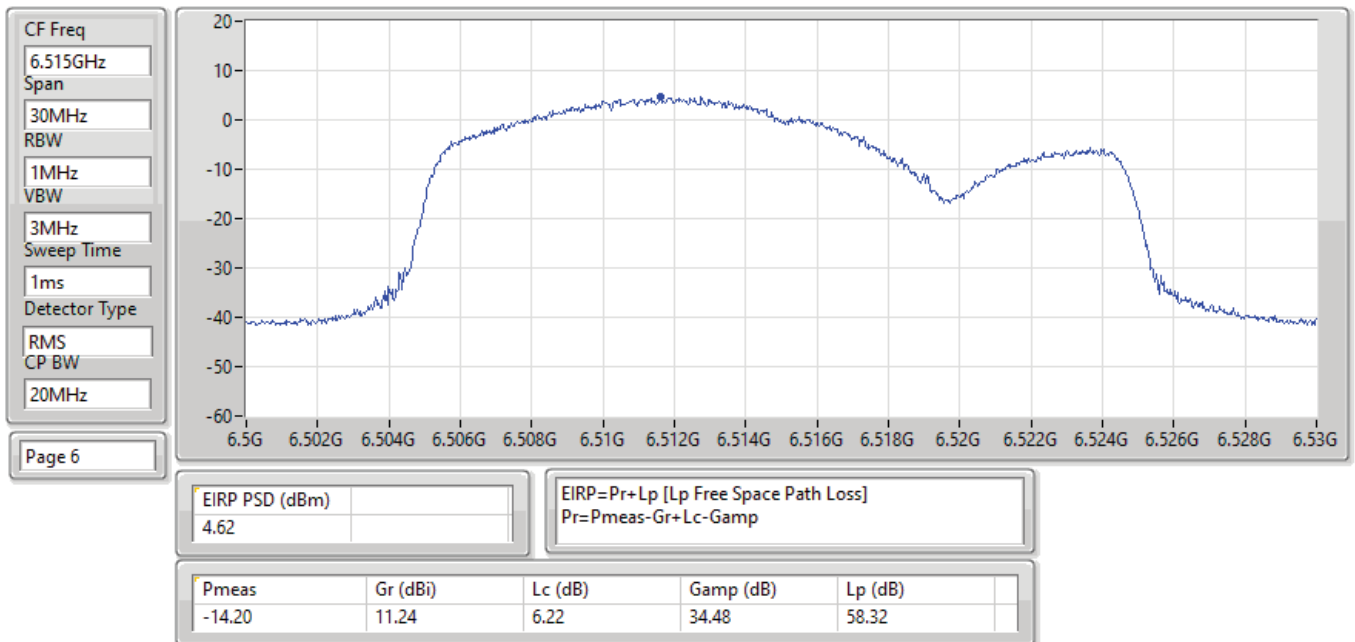
EIRP PSD;Band:6.4G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6435MHz;TX



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

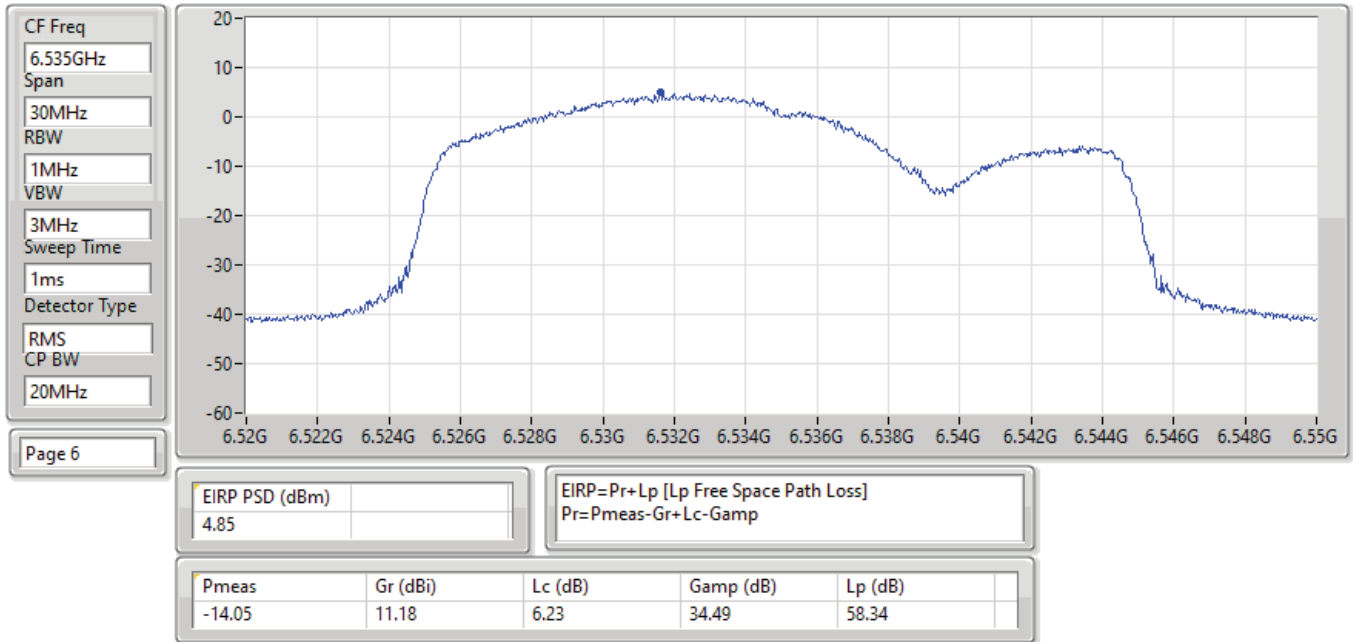


EIRP PSD;Band:6.4G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6515MHz;TX

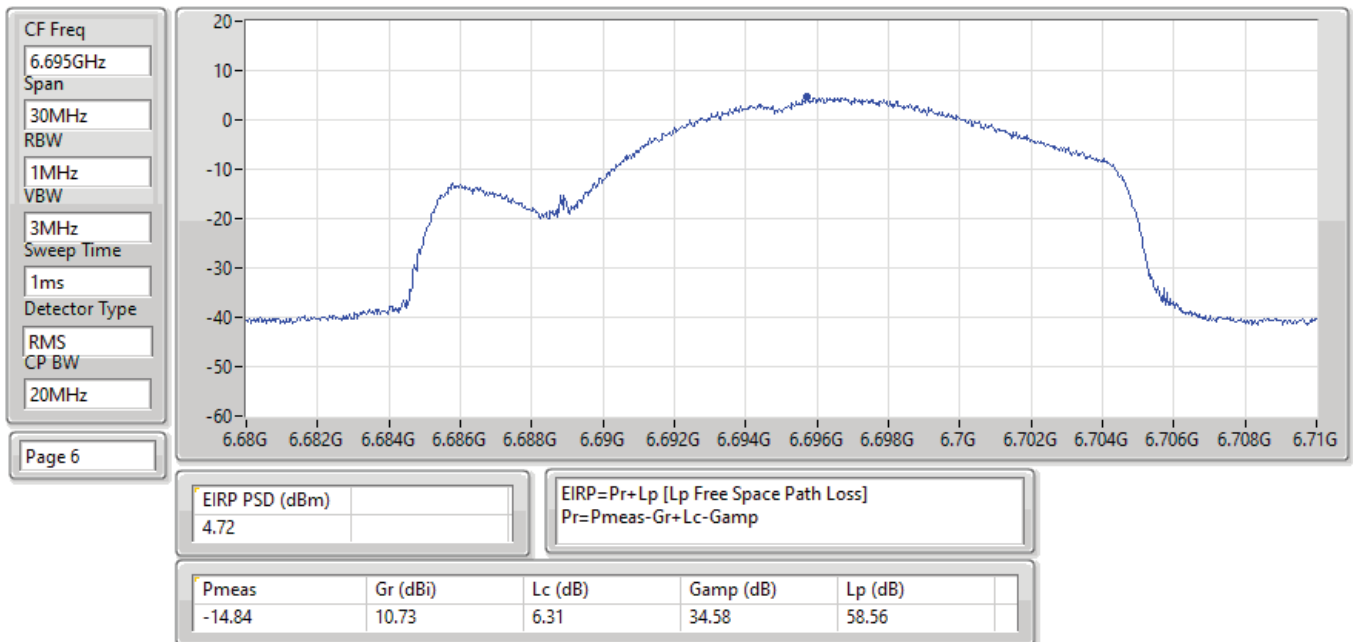




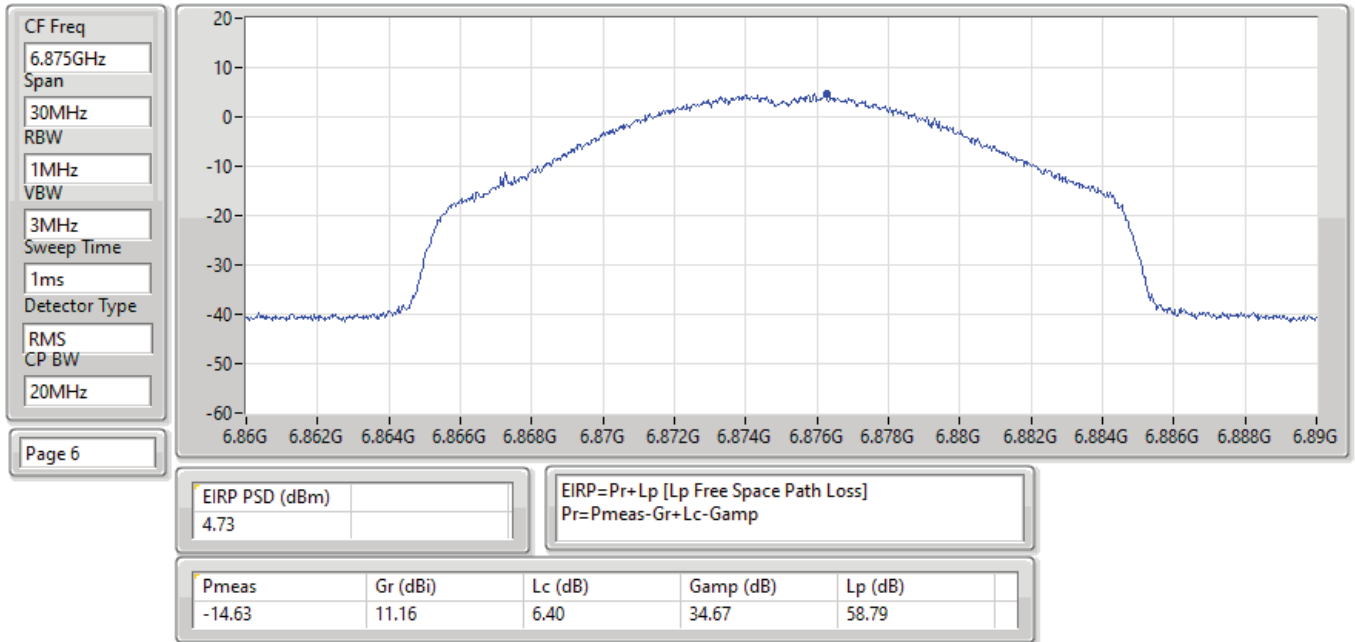
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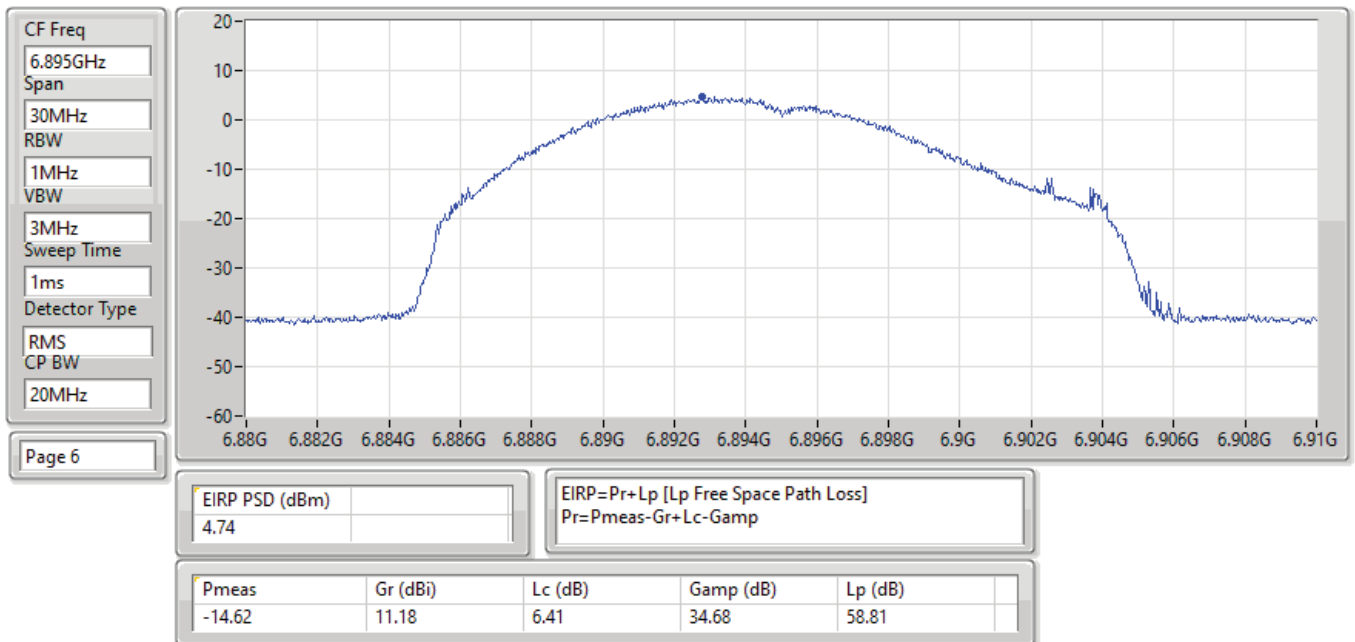
EIRP PSD;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6695MHz;TX



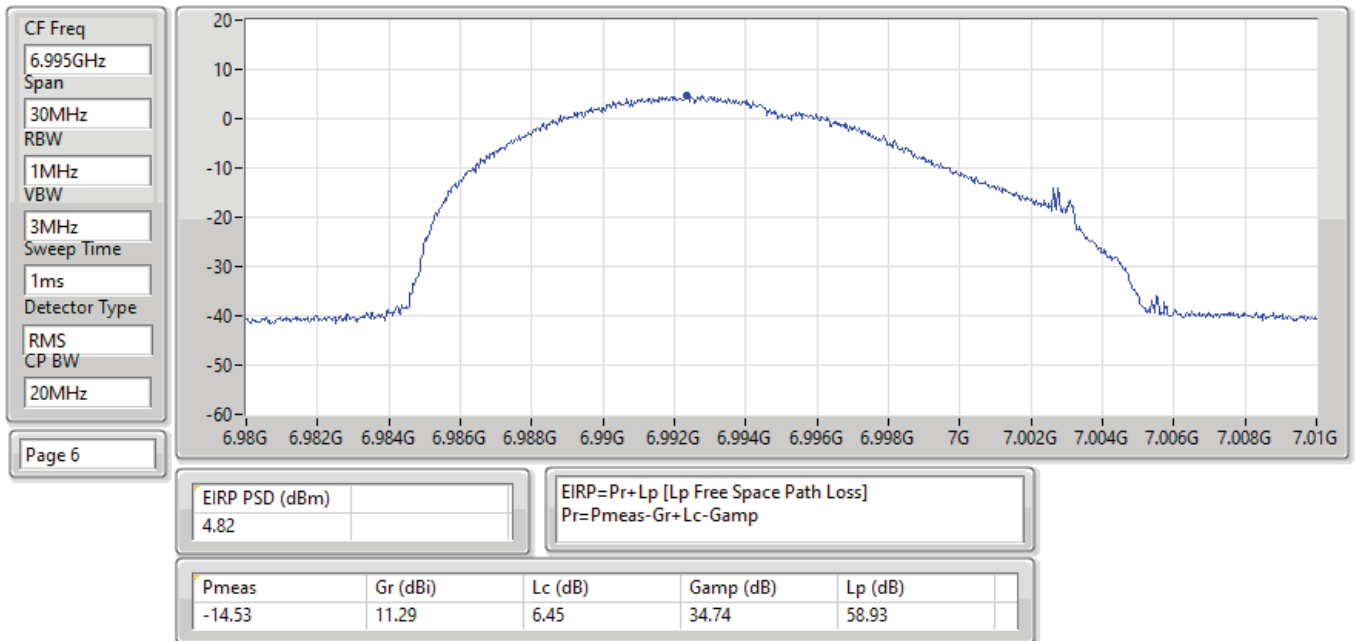
EIRP PSD;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6875MHz;TX



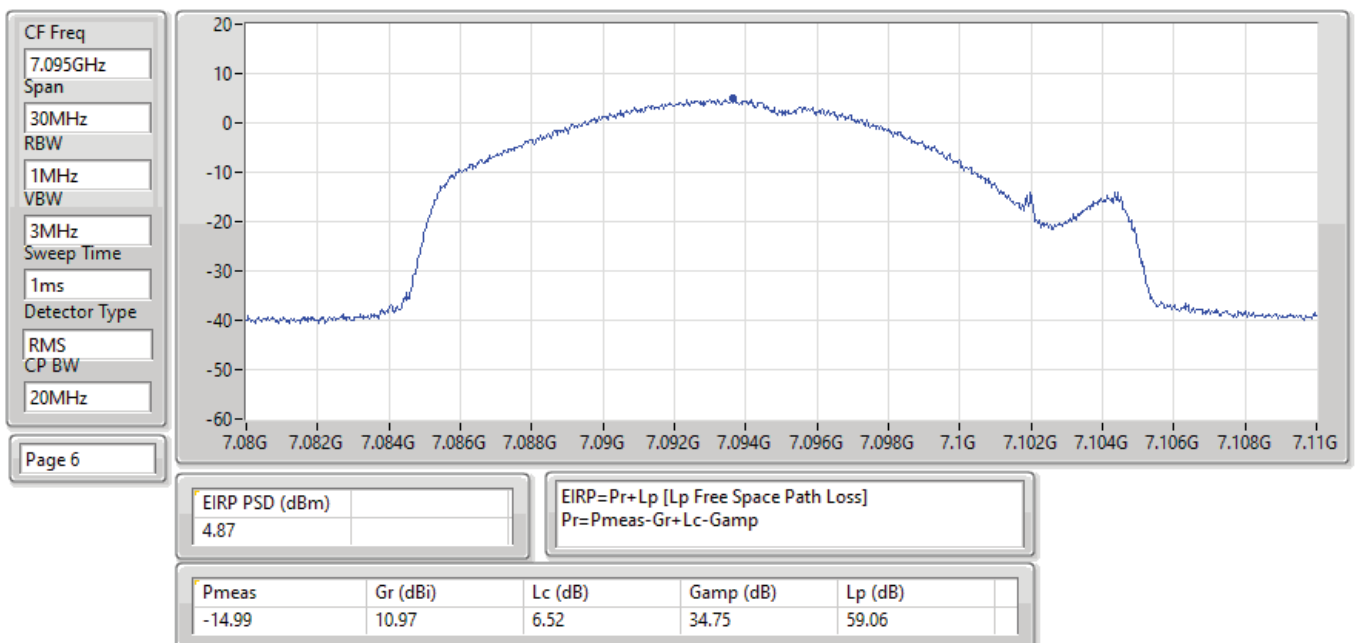
EIRP PSD;Band:7.0G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6895MHz;TX



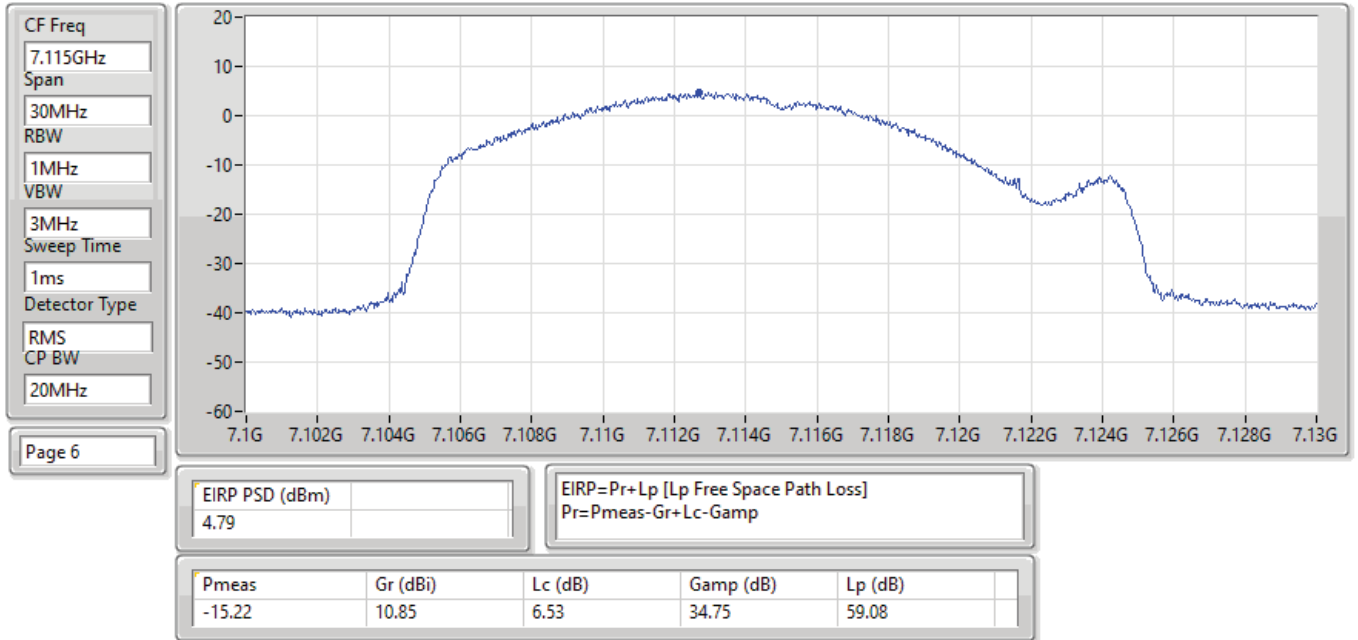
EIRP PSD;Band:7.0G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6995MHz;TX



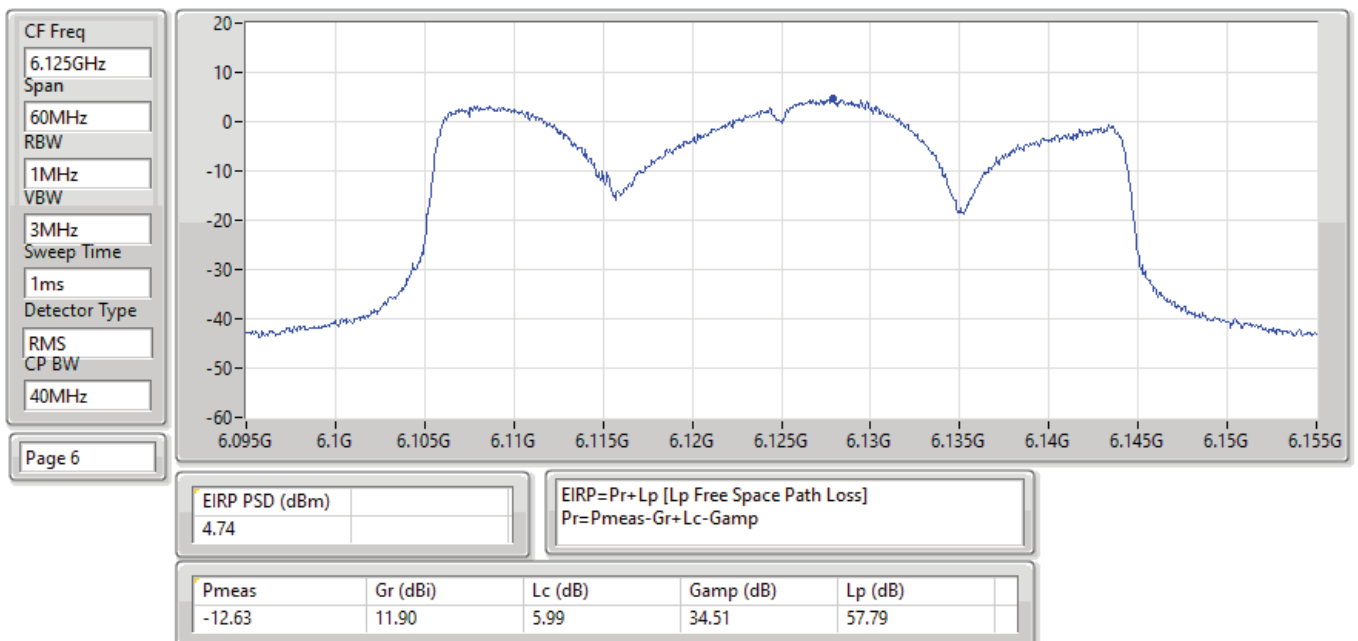
EIRP PSD;Band:7.0G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7095MHz;TX



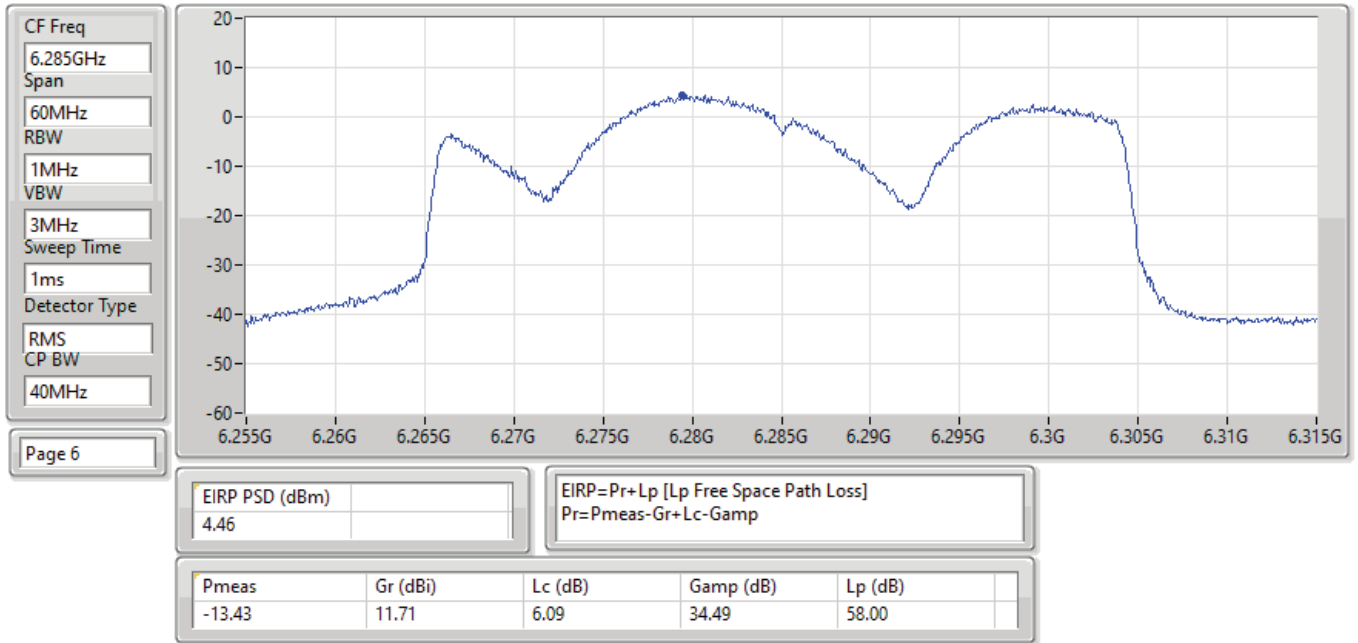
EIRP PSD;Band:7.0G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7115MHz;TX



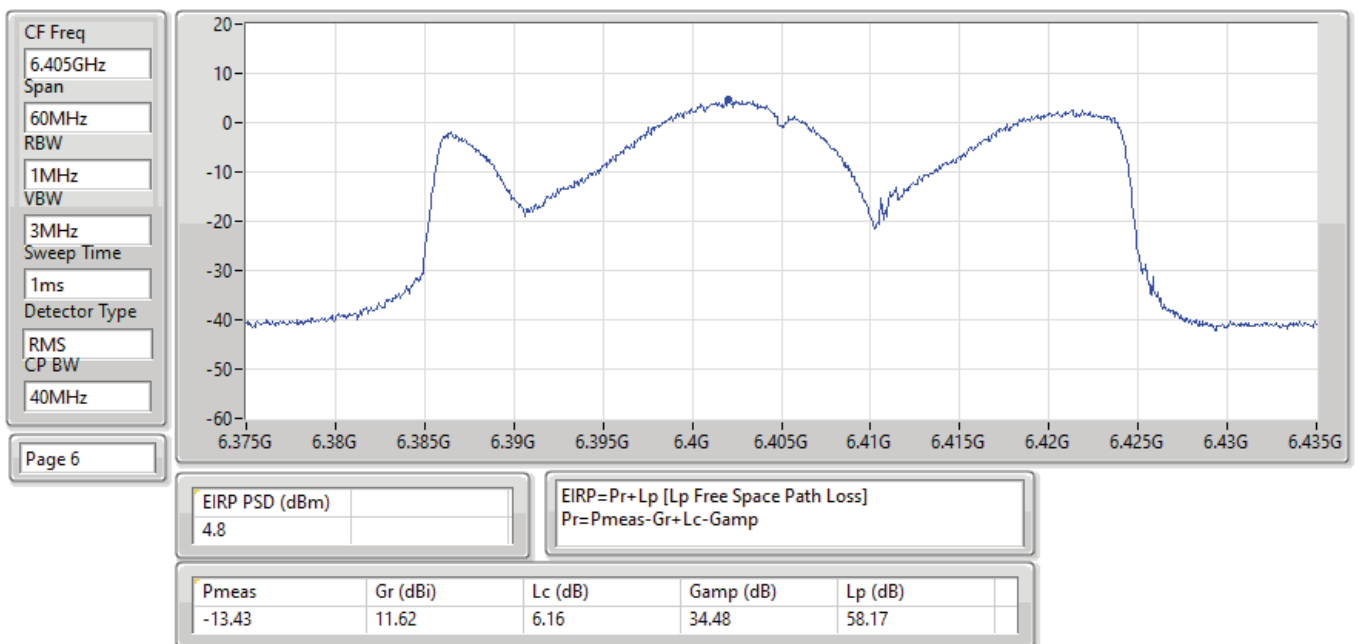
EIRP PSD;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6125MHz;TX



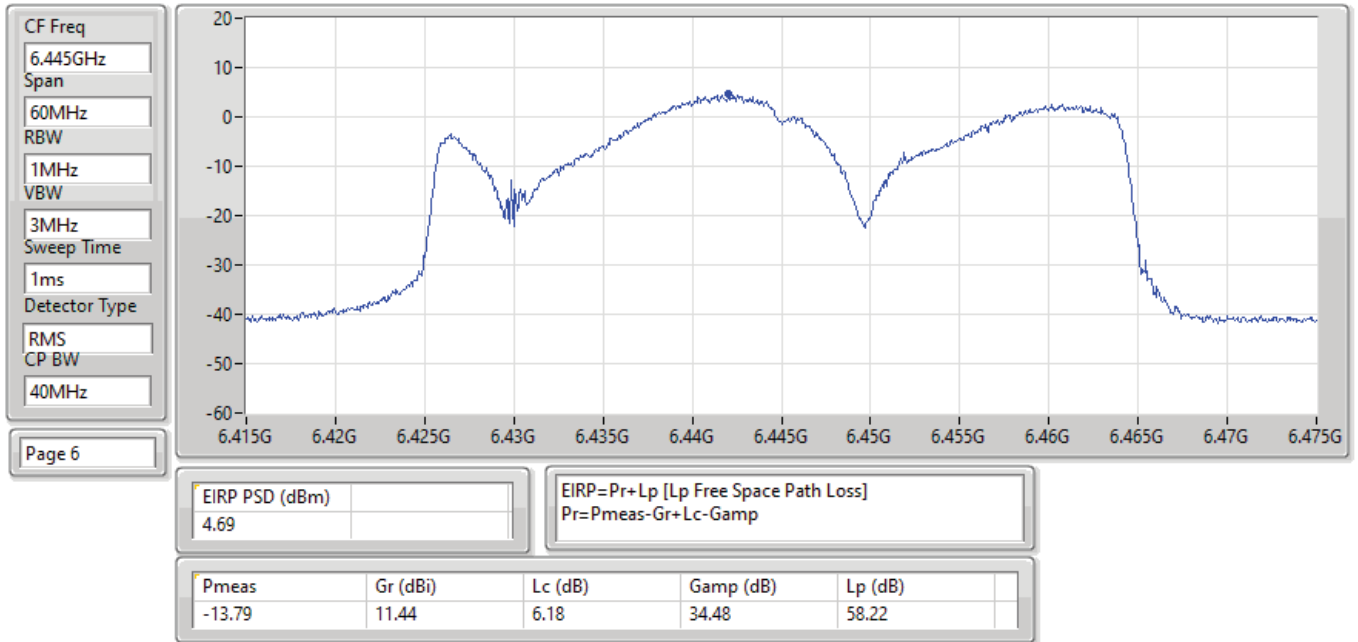
EIRP PSD;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6285MHz;TX



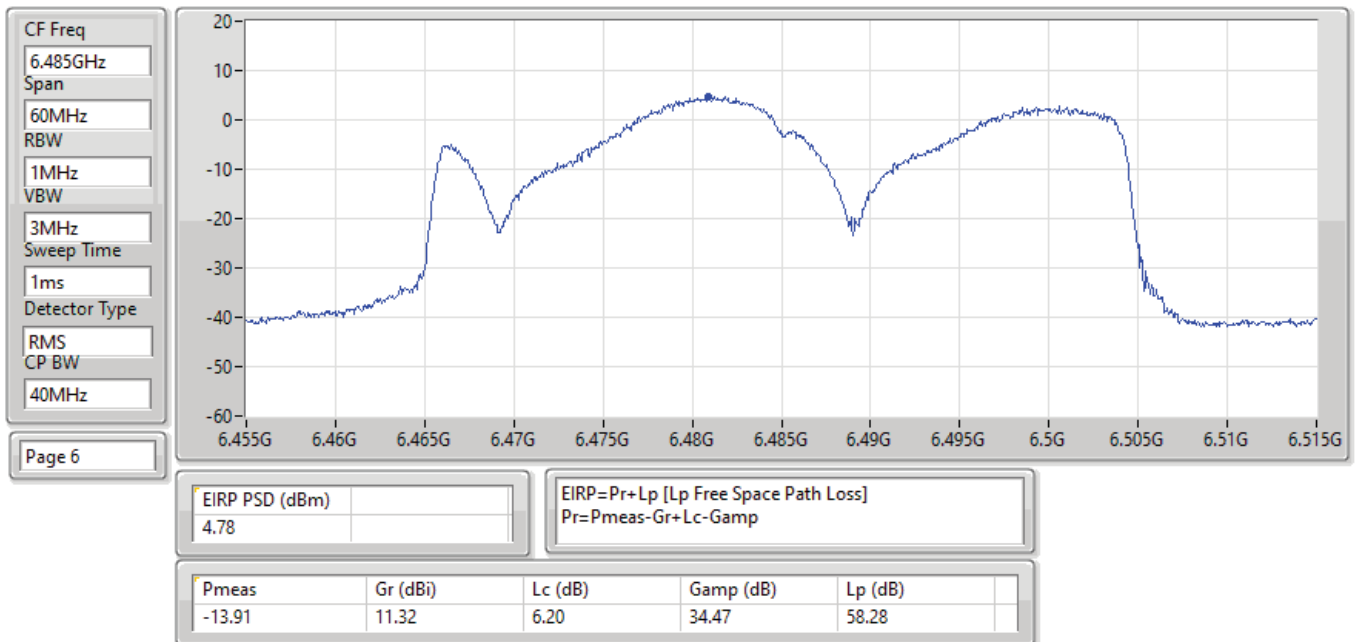
EIRP PSD;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6405MHz;TX



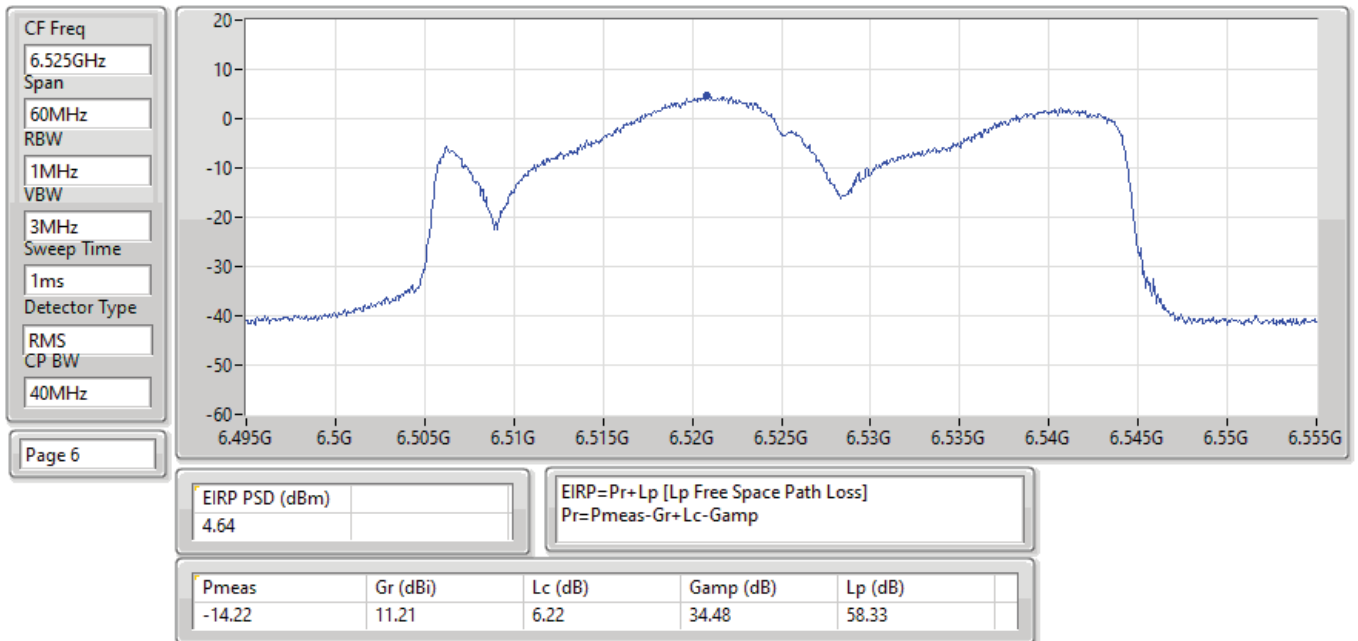
EIRP PSD;Band:6.4G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6445MHz;TX



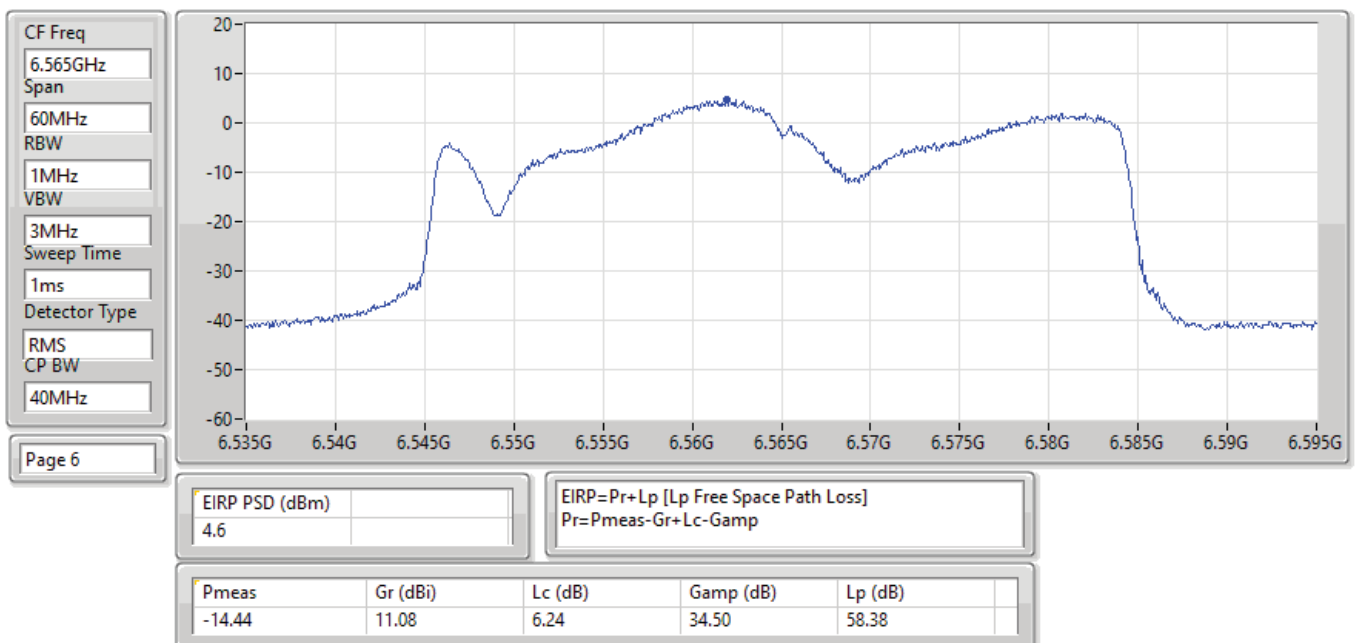
EIRP PSD;Band:6.4G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6485MHz;TX



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

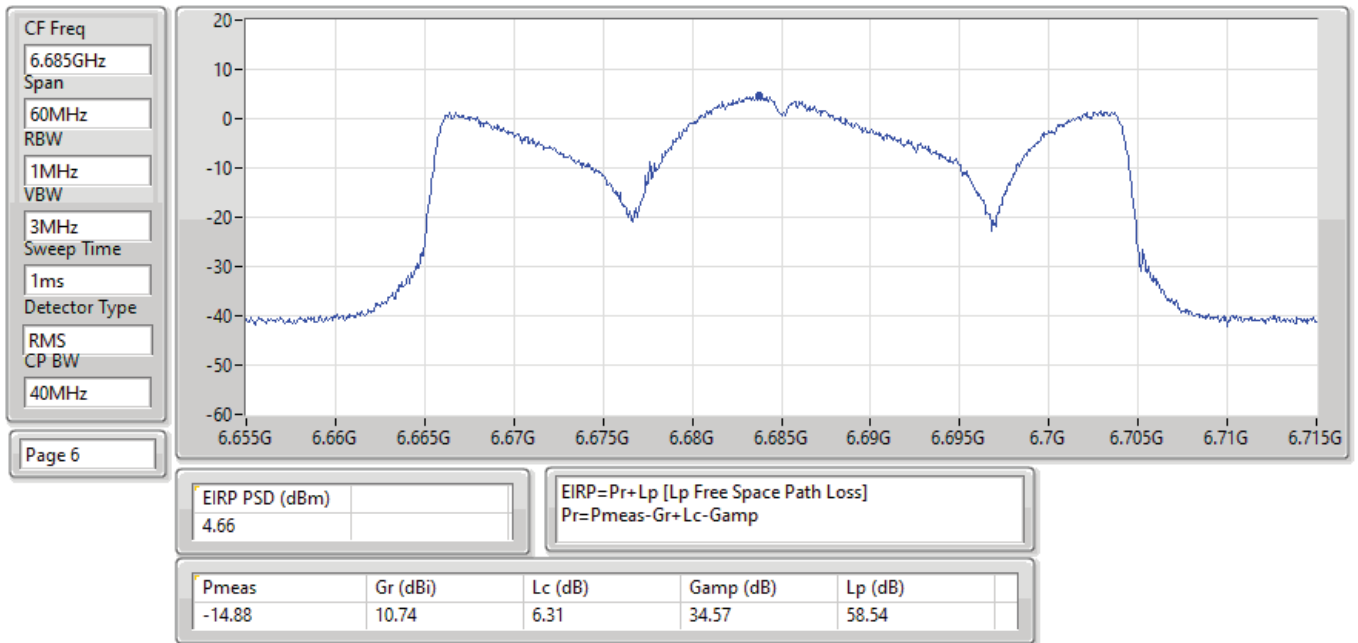


EIRP PSD;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6565MHz;TX

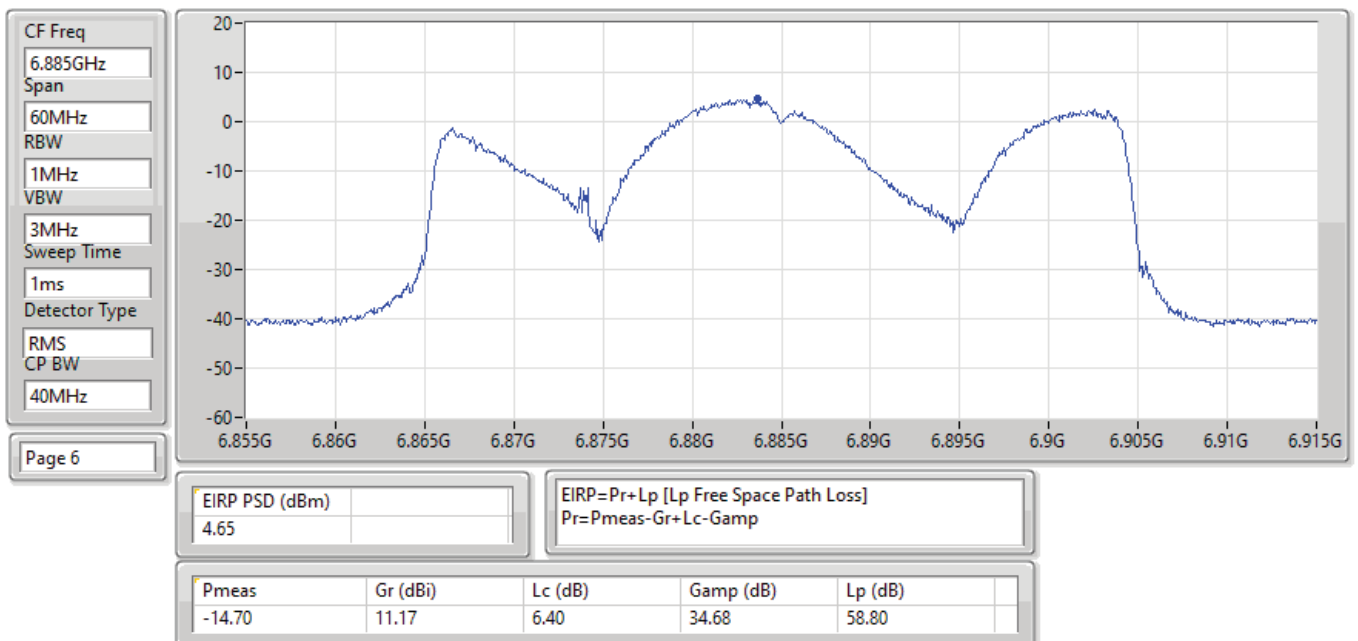




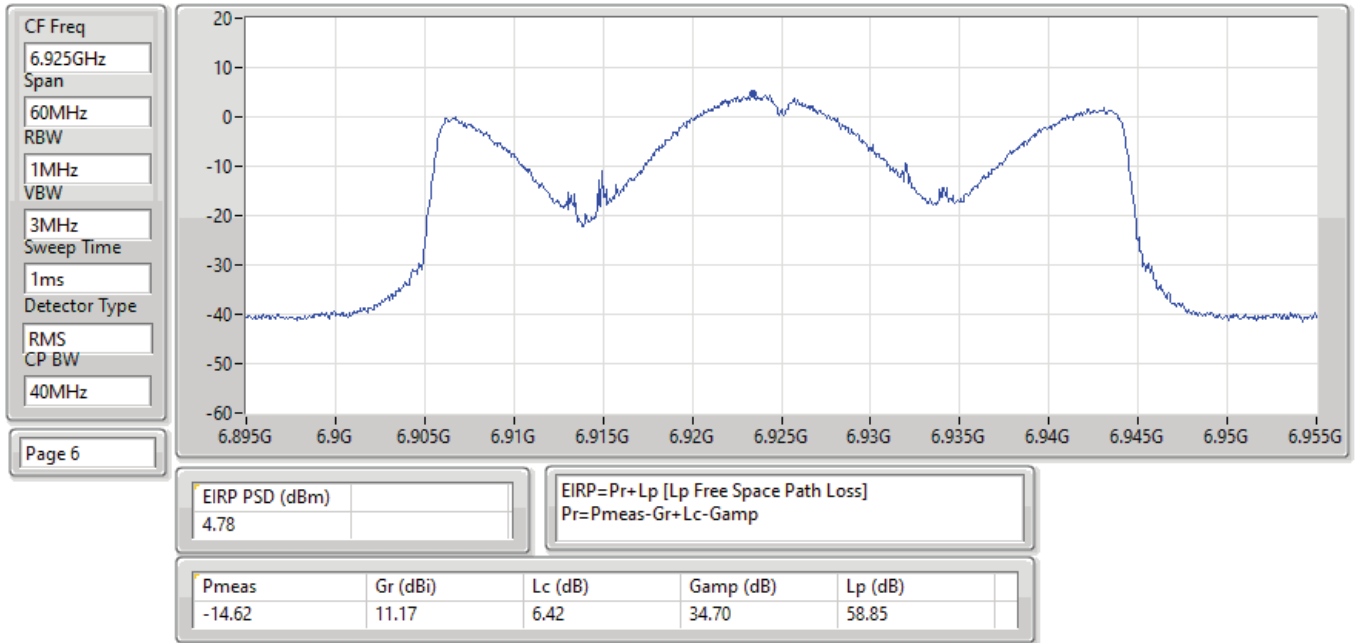
EIRP PSD;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6685MHz;TX



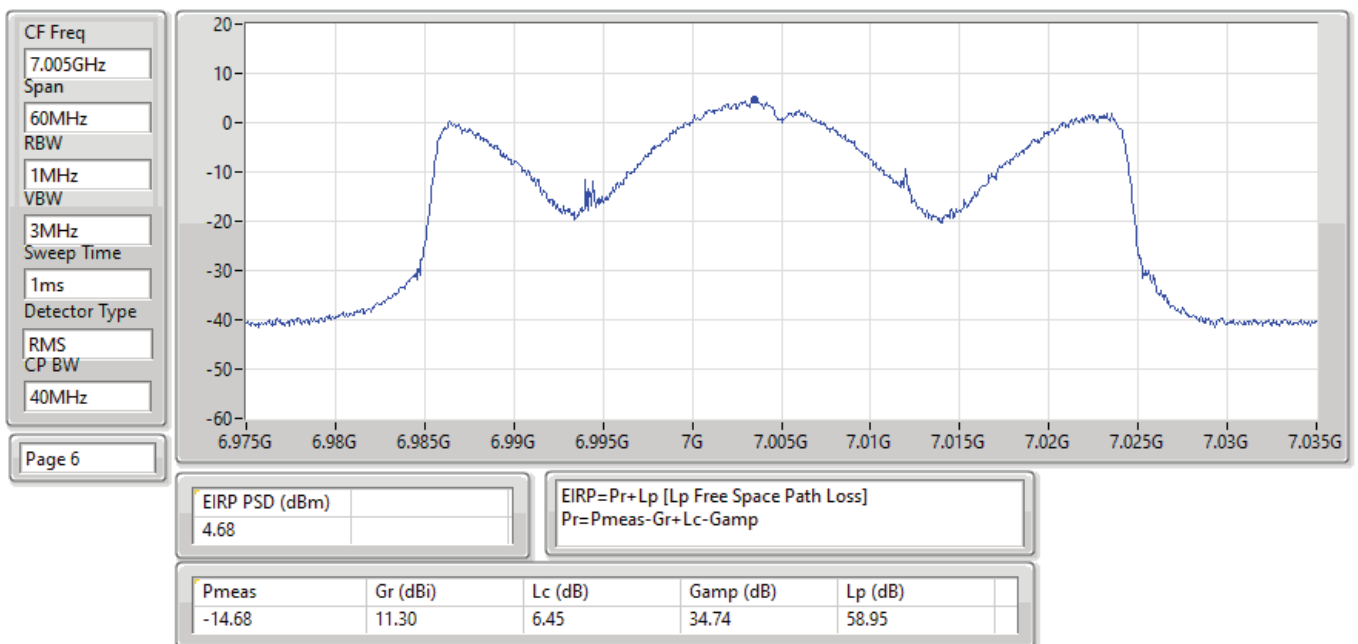
EIRP PSD;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6885MHz;TX



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

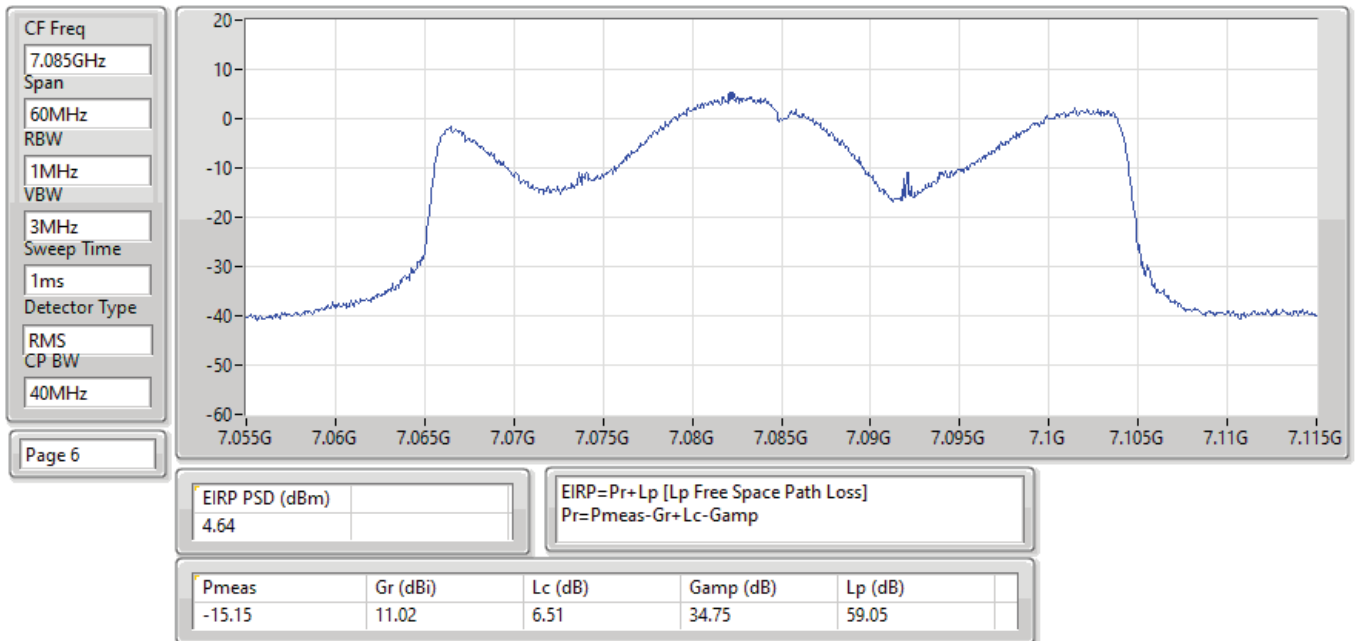


EIRP PSD;Band:7.0G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7005MHz;TX

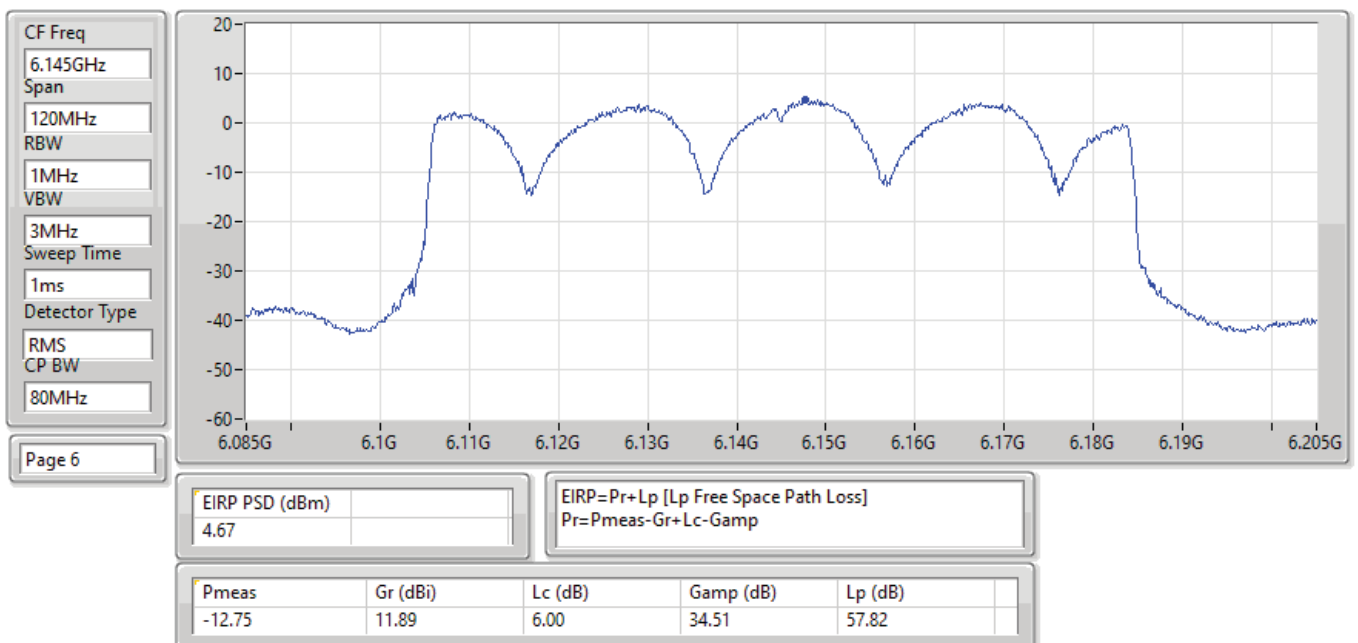




EIRP PSD;Band:7.0G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7085MHz;TX

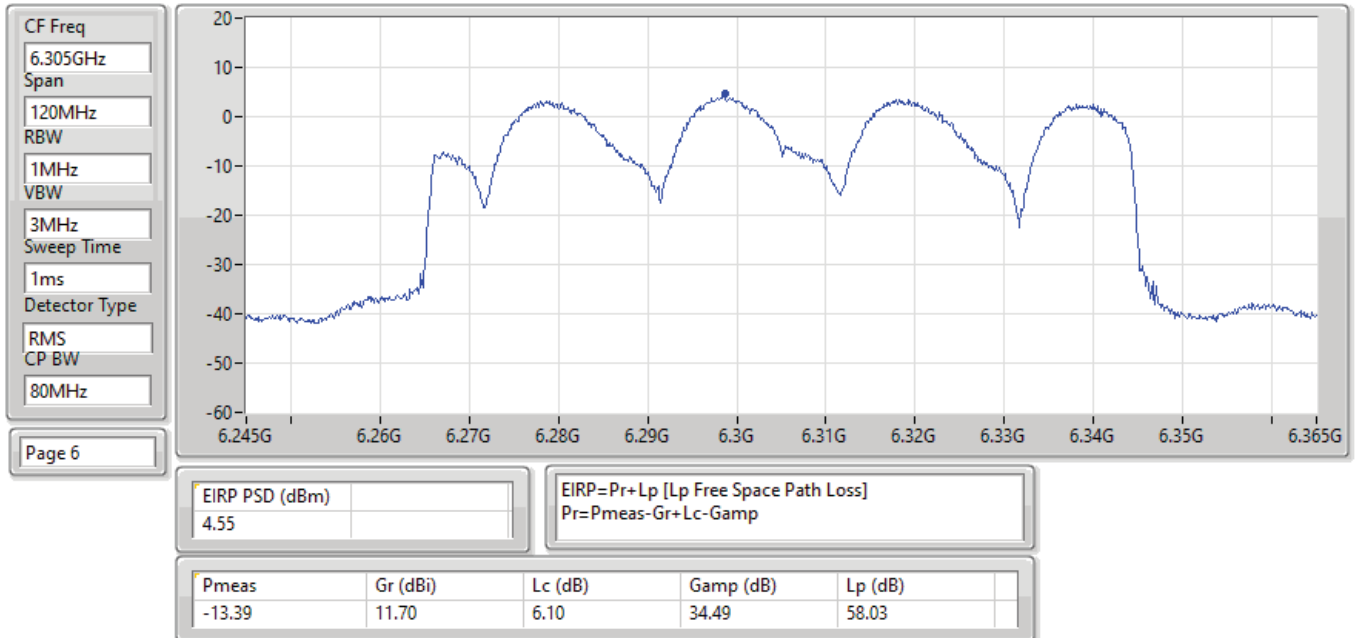


EIRP PSD;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6145MHz;TX

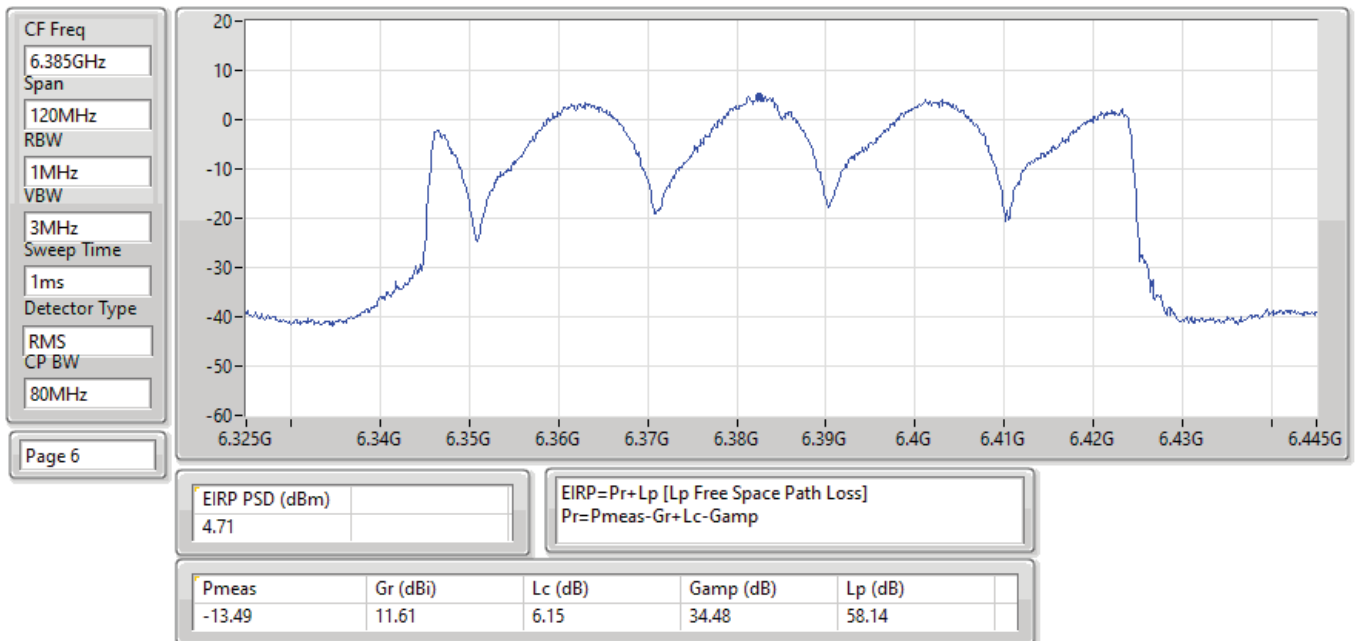




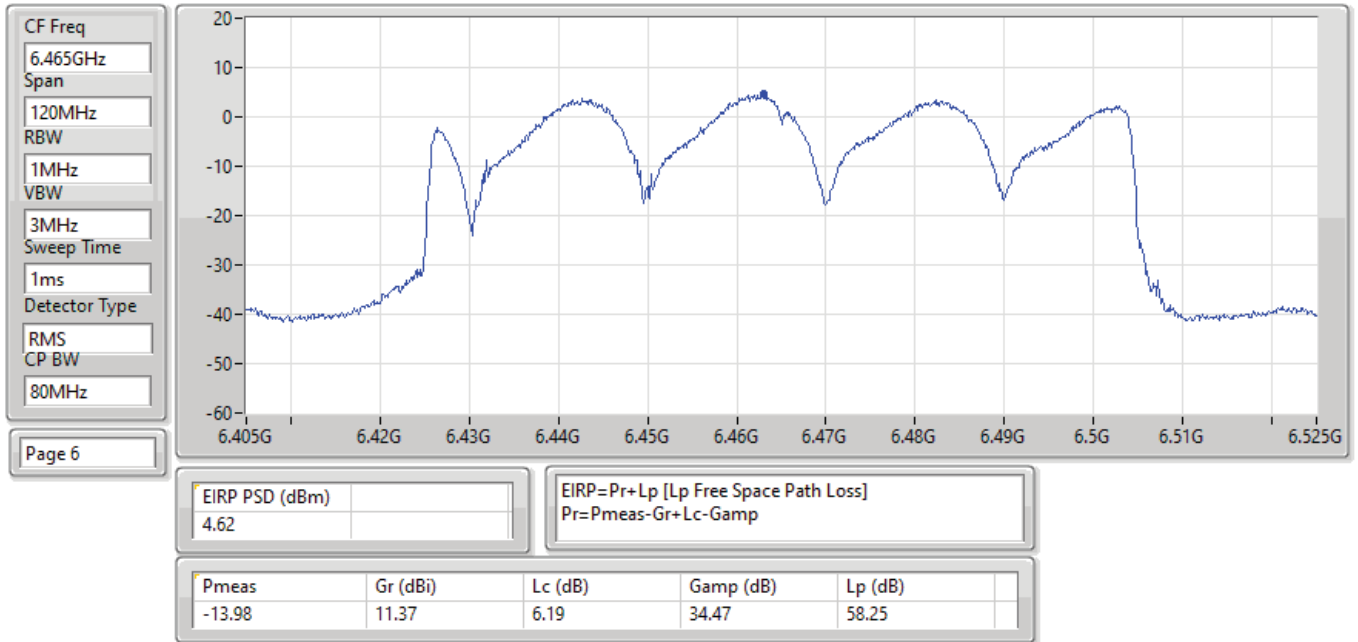
EIRP PSD;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6305MHz;TX



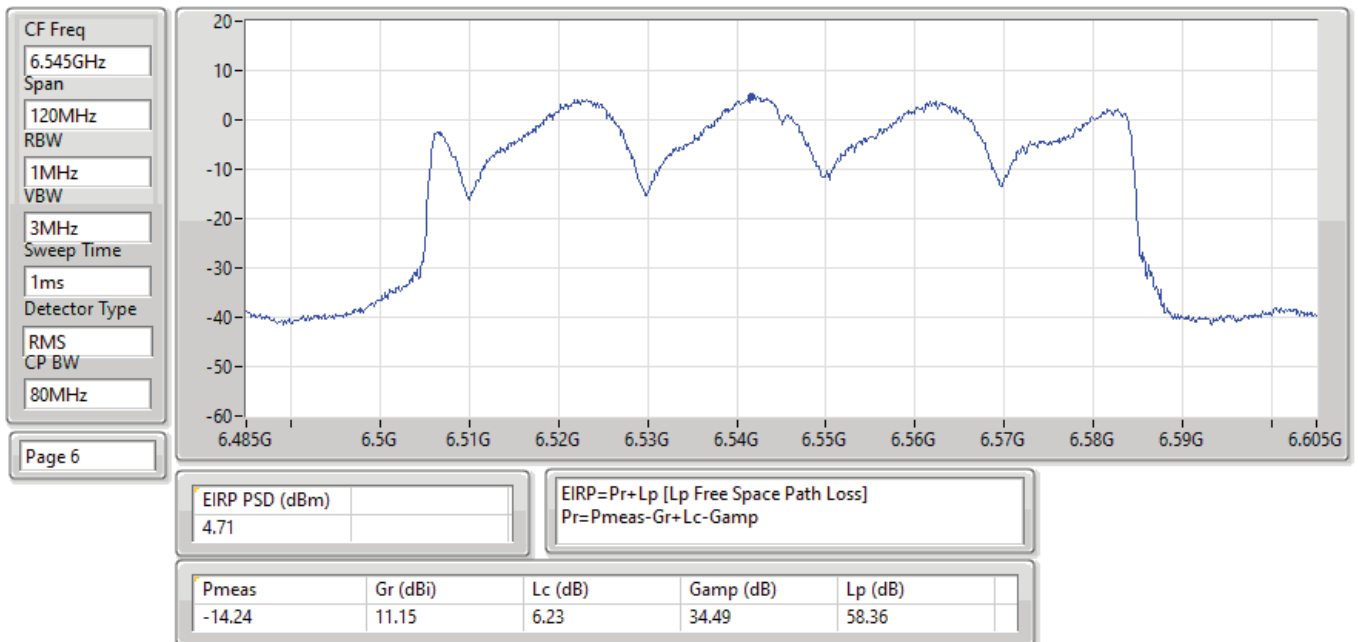
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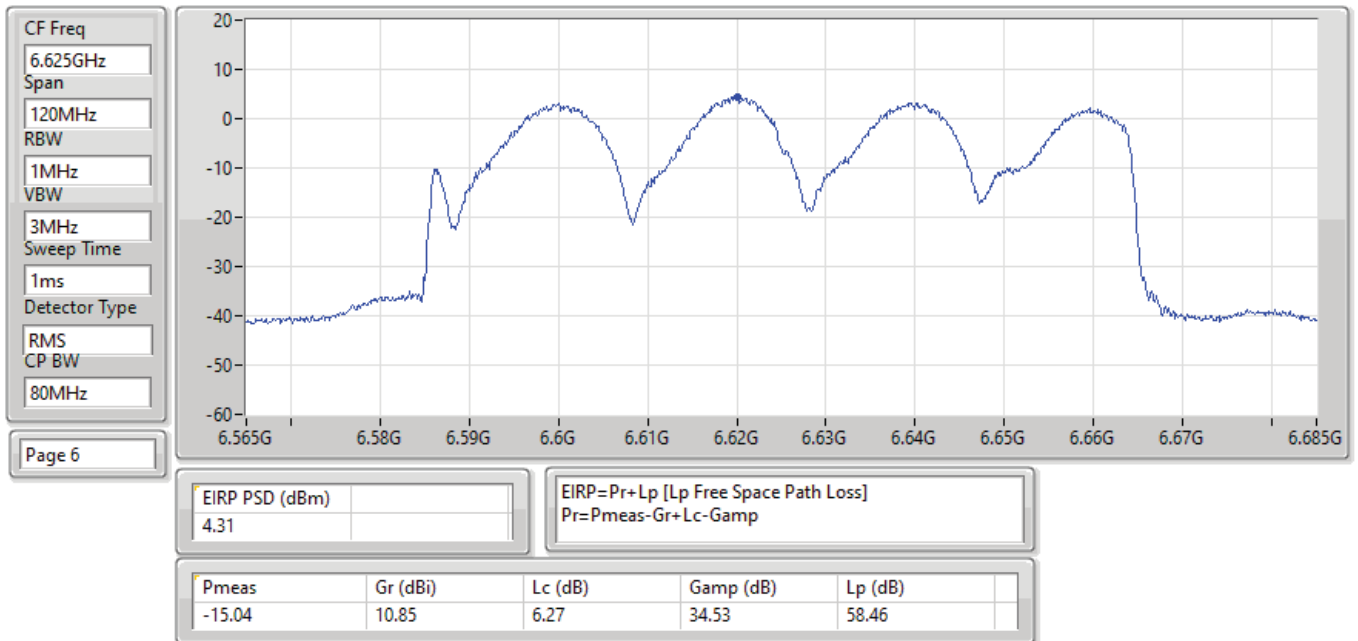
EIRP PSD;Band:6.4G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6465MHz;TX



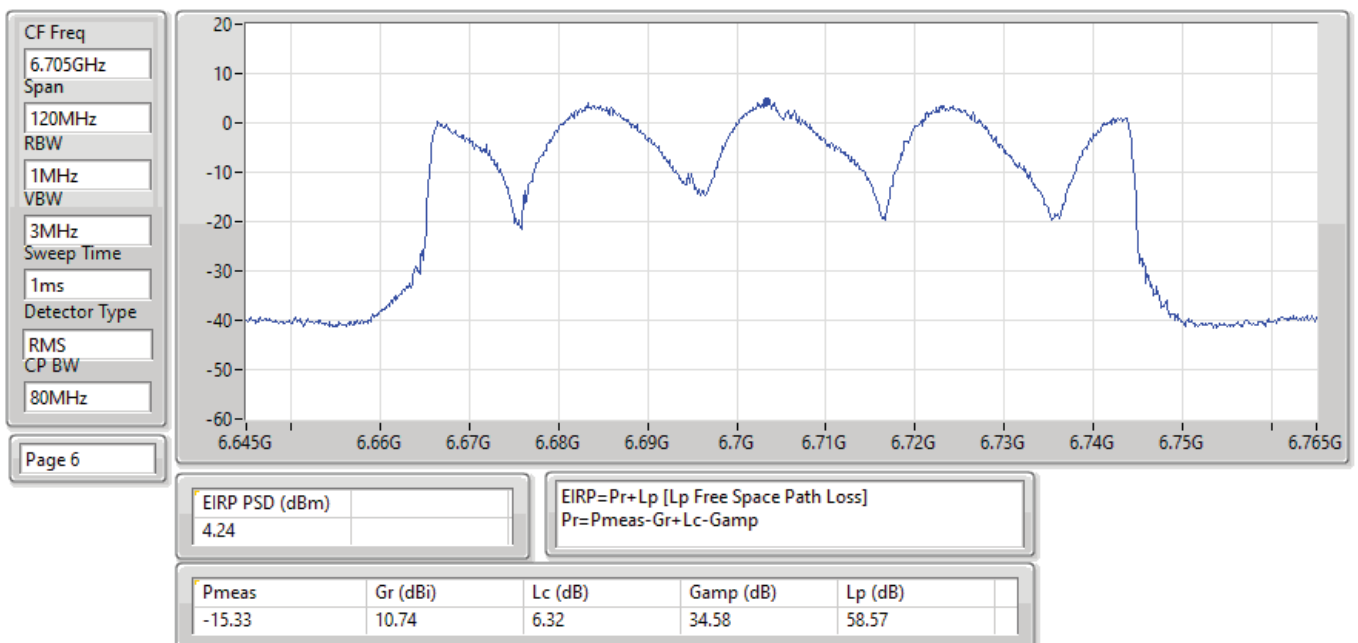
EIRP PSD;Band:6.4G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6545MHz;TX



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

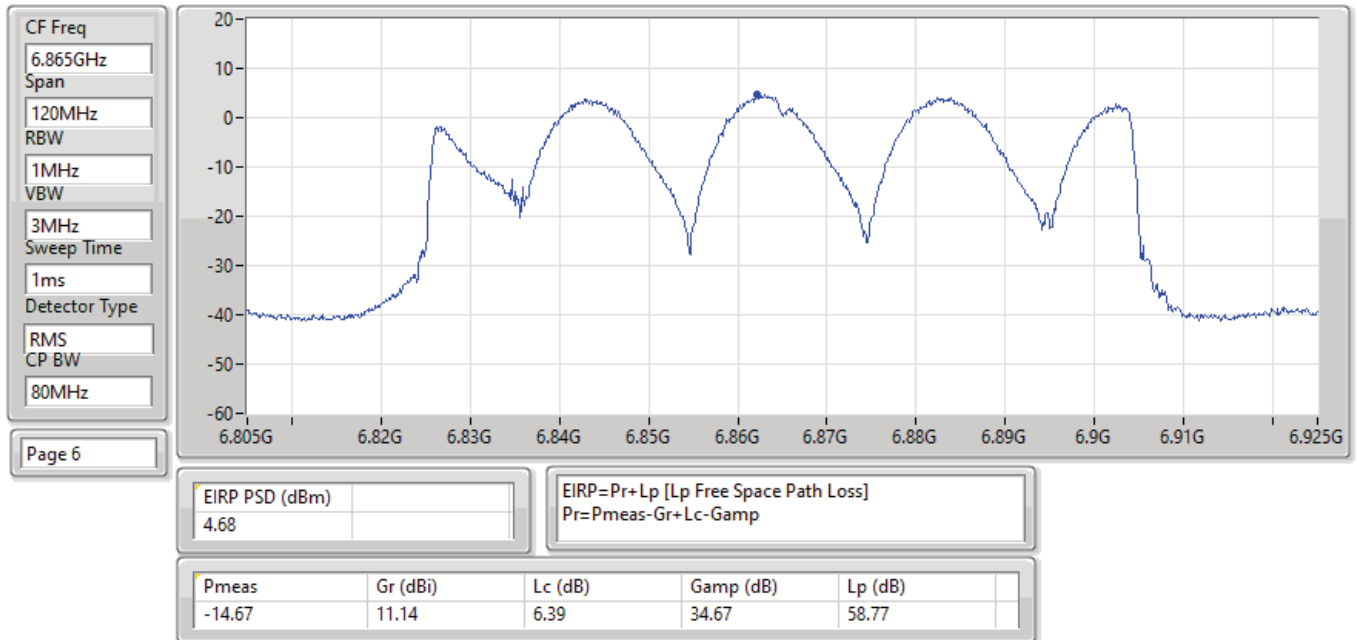


EIRP PSD;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6705MHz;TX

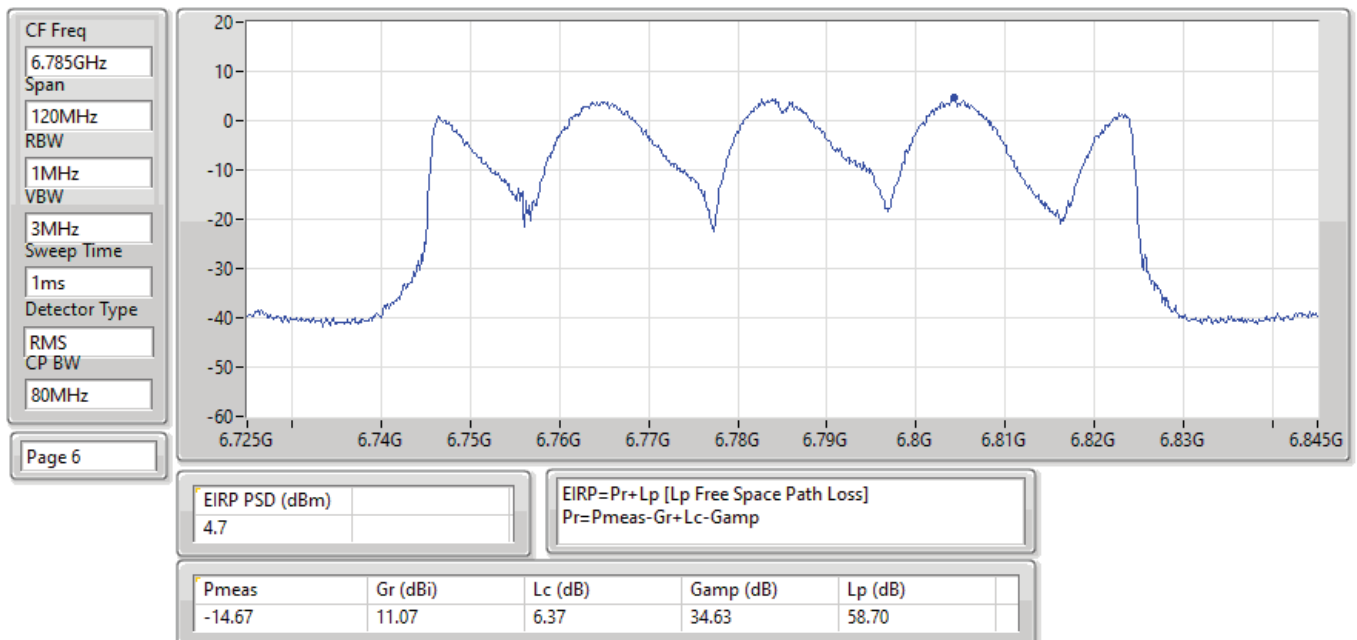




EIRP PSD;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6865MHz;TX

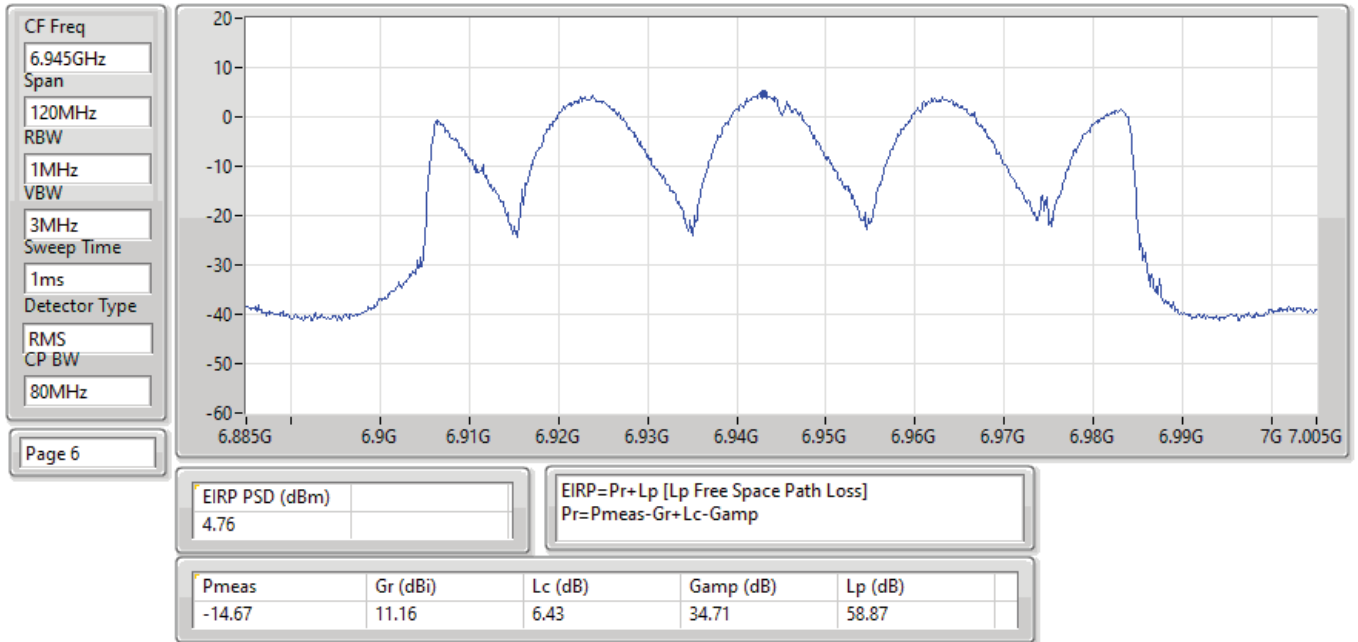


EIRP PSD;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6785MHz;TX

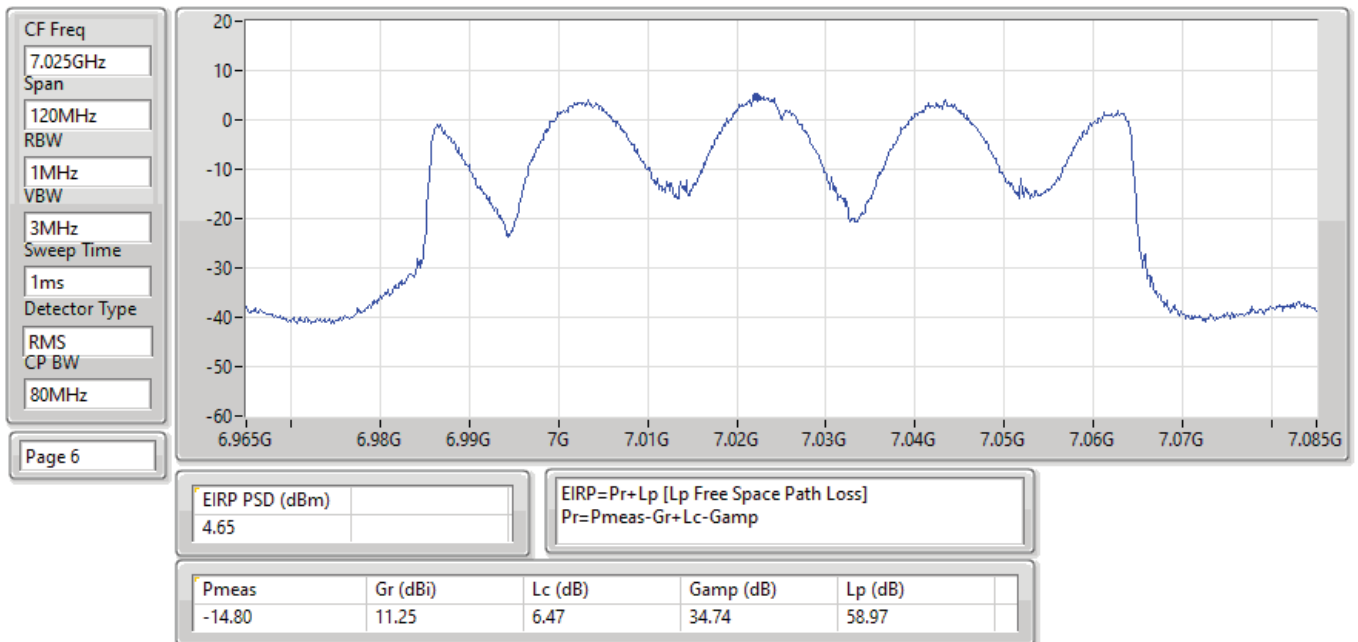




EIRP PSD;Band:7.0G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6945MHz;TX

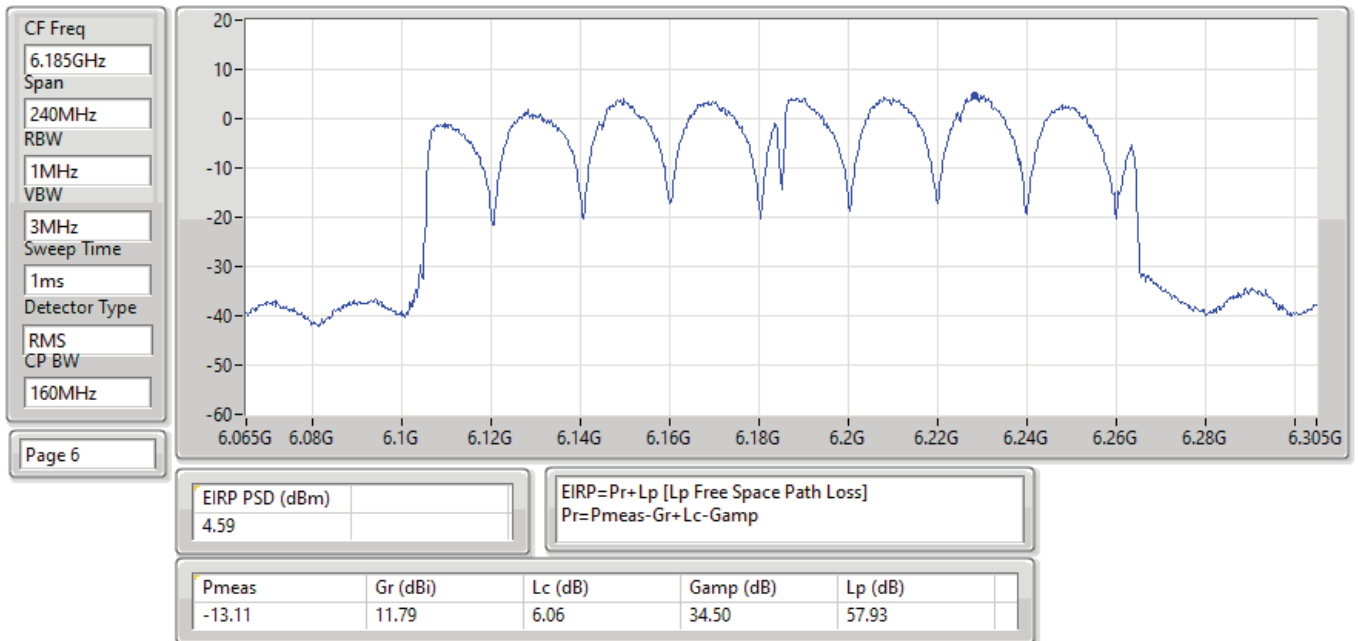


EIRP PSD;Band:7.0G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:7025MHz;TX

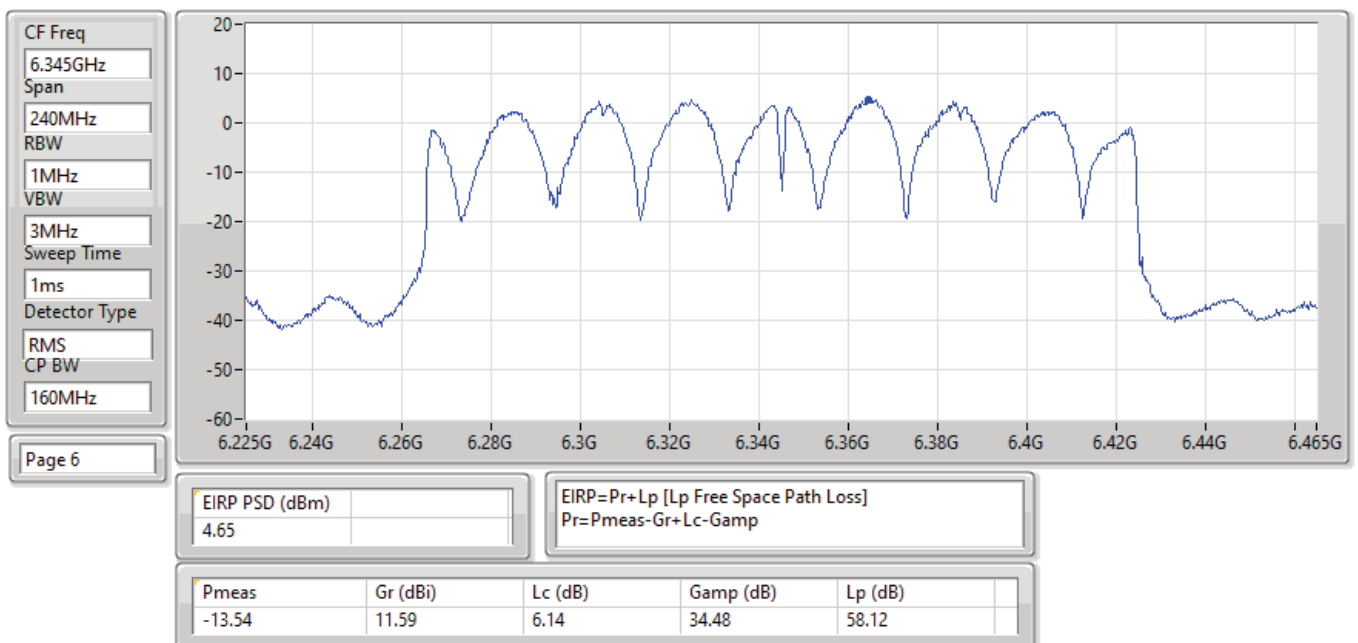




EIRP PSD;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6185MHz;TX

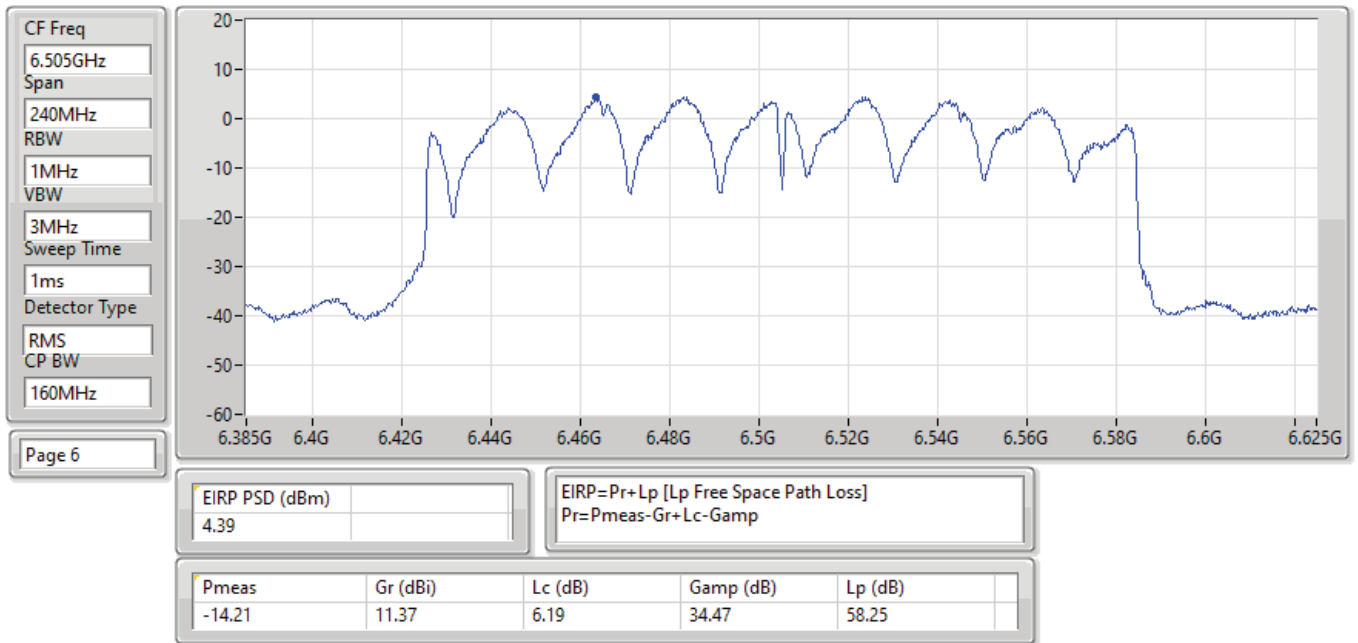


EIRP PSD;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6345MHz;TX

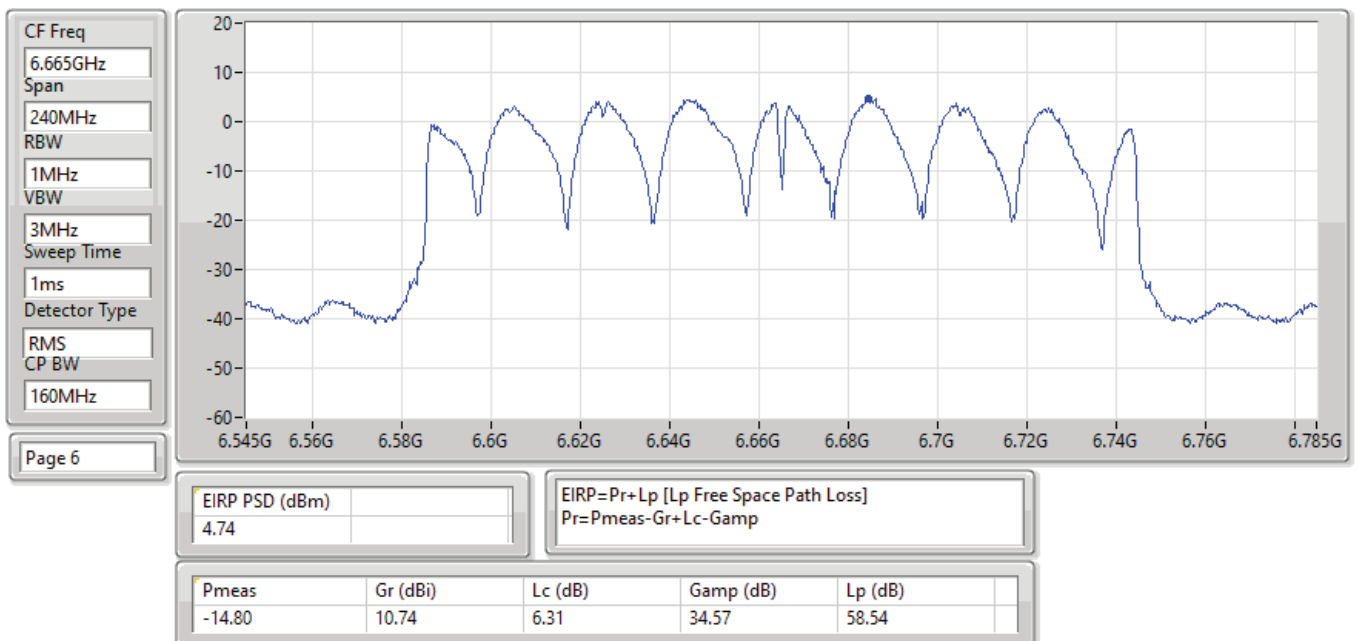




EIRP PSD;Band:6.4G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6505MHz;TX

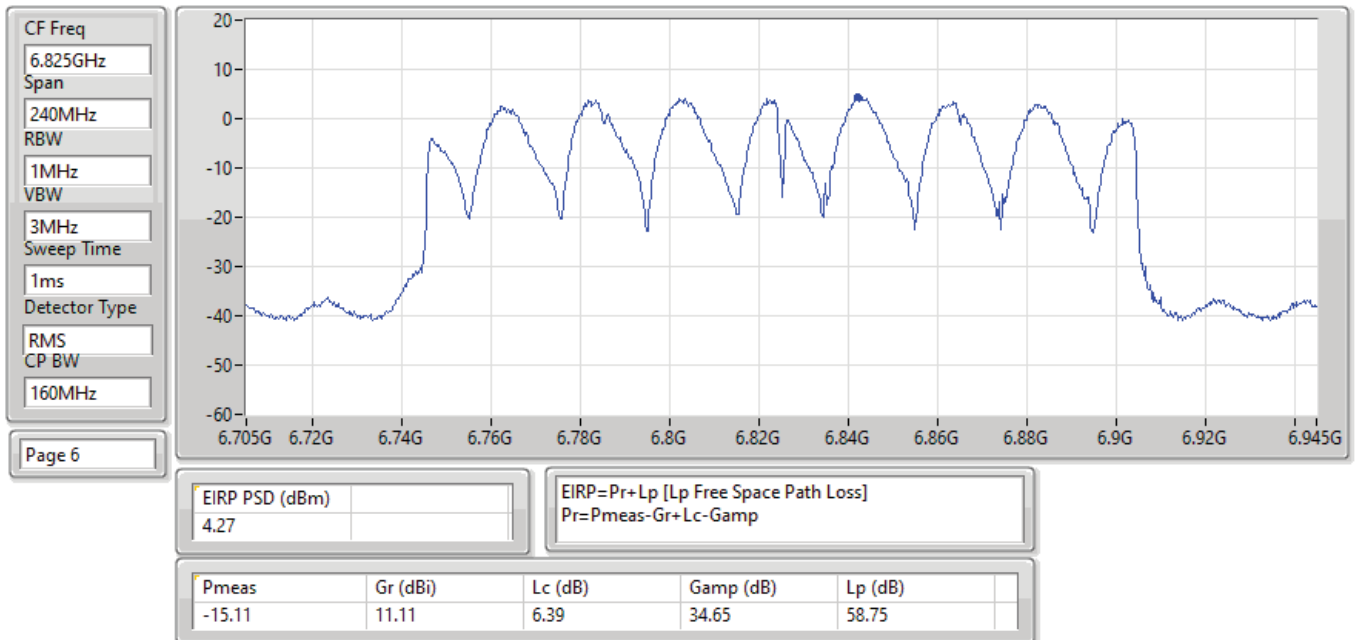


EIRP PSD;Band:6.7G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6665MHz;TX

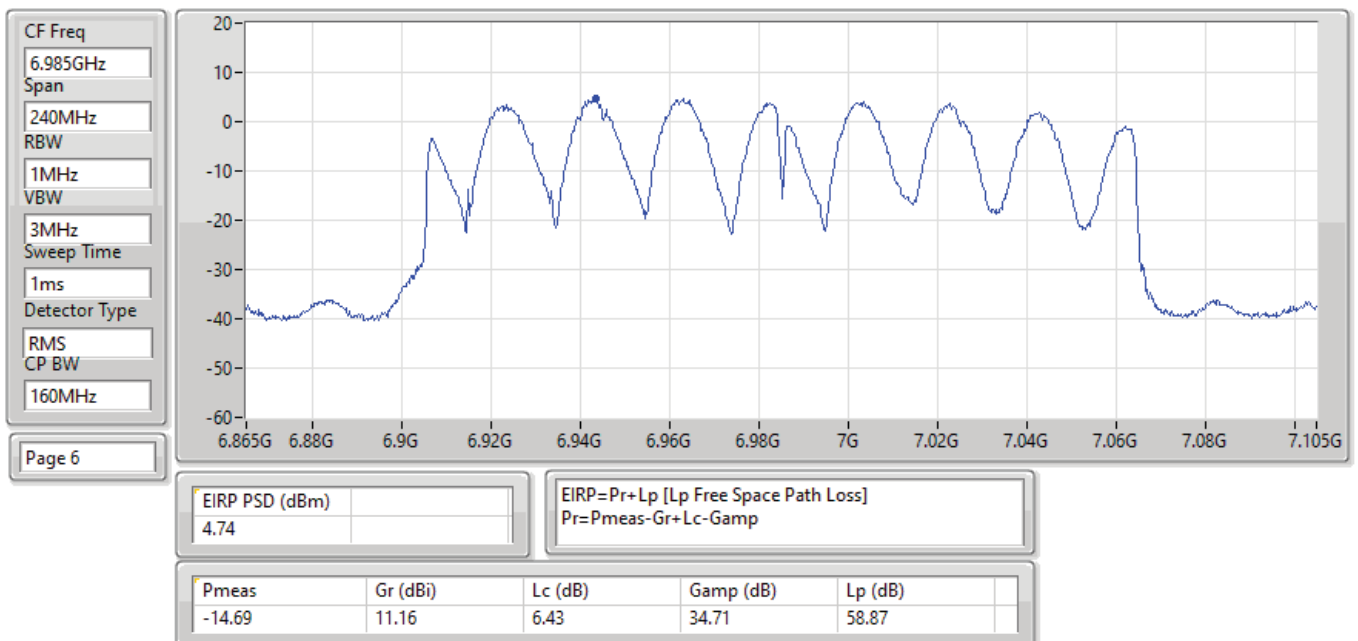




EIRP PSD;Band:6.7G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6825MHz;TX



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



**Summary**

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.925-6.425GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-1.38	4.64
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-1.29	4.73
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-1.11	4.91
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-2.97	3.05
6.425-6.525GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-1.25	4.77
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-1.17	4.85
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-1.20	4.82
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-3.88	2.14
6.525-6.875GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-1.26	4.76
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-1.28	4.74
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-1.24	4.78
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-4.73	1.29
6.875-7.125GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-1.28	4.74
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-1.27	4.75
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-1.88	4.14
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-6.71	-0.69

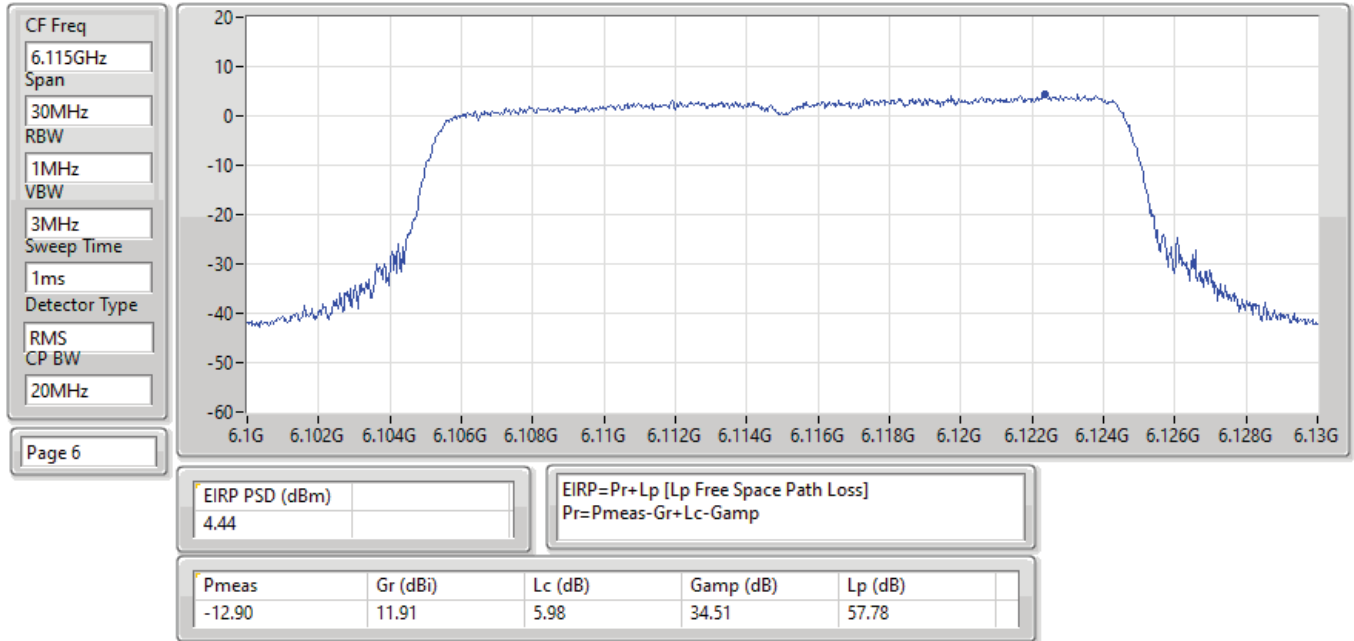
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

**Result**

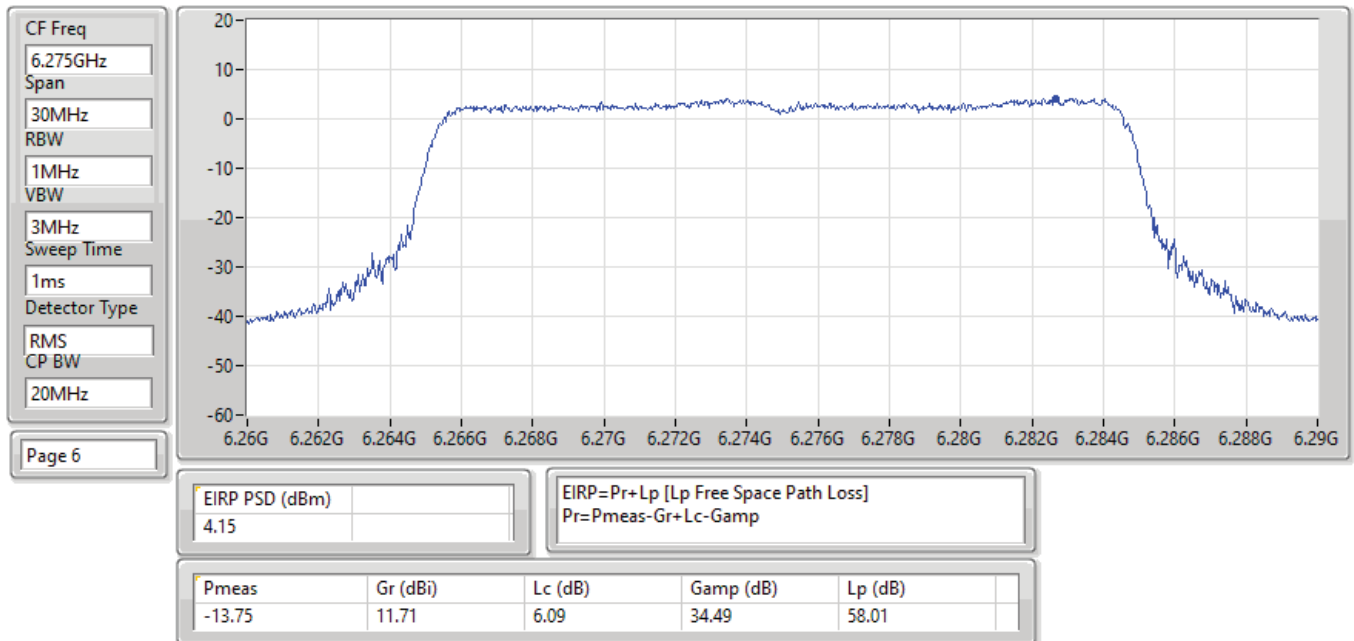
Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-
6115MHz	Pass	4.44	5.00
6275MHz	Pass	4.15	5.00
6415MHz	Pass	4.64	5.00
6435MHz	Pass	4.77	5.00
6475MHz	Pass	4.72	5.00
6515MHz	Pass	4.68	5.00
6535MHz	Pass	4.76	5.00
6695MHz	Pass	4.51	5.00
6875MHz Straddle 6.525-6.875GHz	Pass	4.48	5.00
6895MHz	Pass	4.11	5.00
6995MHz	Pass	4.59	5.00
7095MHz	Pass	4.74	5.00
7115MHz	Pass	1.17	5.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-
6125MHz	Pass	4.48	5.00
6285MHz	Pass	4.10	5.00
6405MHz	Pass	4.44	5.00
6445MHz	Pass	4.85	5.00
6485MHz	Pass	4.53	5.00
6525MHz Straddle 6.425-6.525GHz	Pass	4.10	5.00
6565MHz	Pass	4.58	5.00
6685MHz	Pass	4.74	5.00
6885MHz Straddle 6.525-6.875GHz	Pass	4.60	5.00
6925MHz	Pass	4.75	5.00
7005MHz	Pass	4.54	5.00
7085MHz	Pass	4.69	5.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-
6145MHz	Pass	4.91	5.00
6305MHz	Pass	4.73	5.00
6385MHz	Pass	3.31	5.00
6465MHz	Pass	4.82	5.00
6545MHz Straddle 6.425-6.525GHz	Pass	4.61	5.00
6625MHz	Pass	4.77	5.00
6705MHz	Pass	4.78	5.00
6785MHz	Pass	3.61	5.00
6865MHz Straddle 6.525-6.875GHz	Pass	4.20	5.00
6945MHz	Pass	3.56	5.00
7025MHz	Pass	4.14	5.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-
6185MHz	Pass	3.05	5.00
6345MHz	Pass	2.52	5.00
6505MHz Straddle 6.425-6.525GHz	Pass	2.14	5.00
6665MHz	Pass	1.29	5.00
6825MHz Straddle 6.525-6.875GHz	Pass	-0.34	5.00
6985MHz	Pass	-0.69	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;

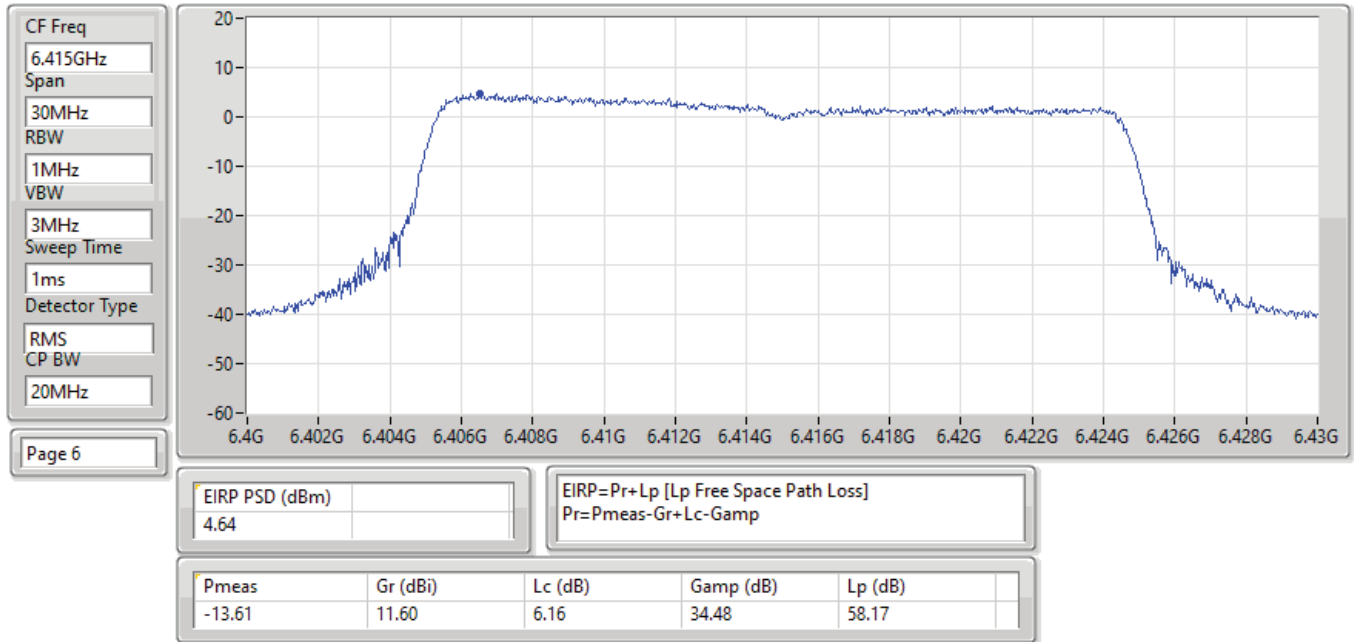
EIRP PSD;Band:6.2G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6115MHz;TX



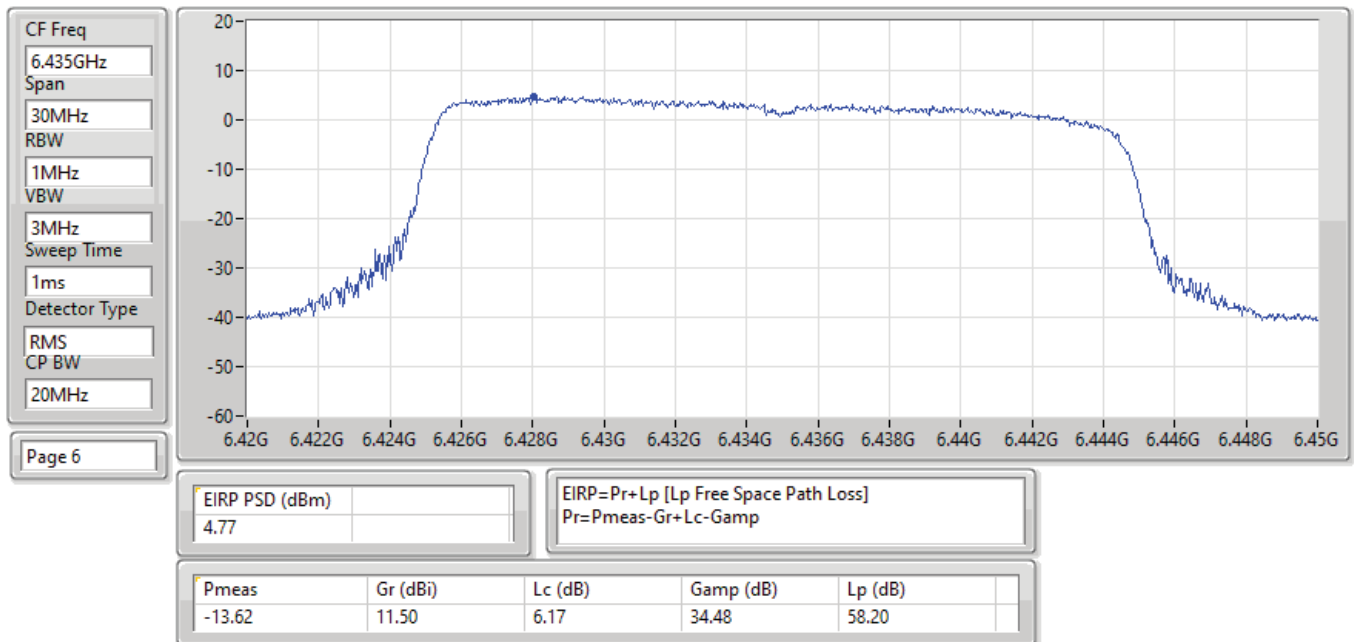
EIRP PSD;Band:6.2G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6275MHz;TX

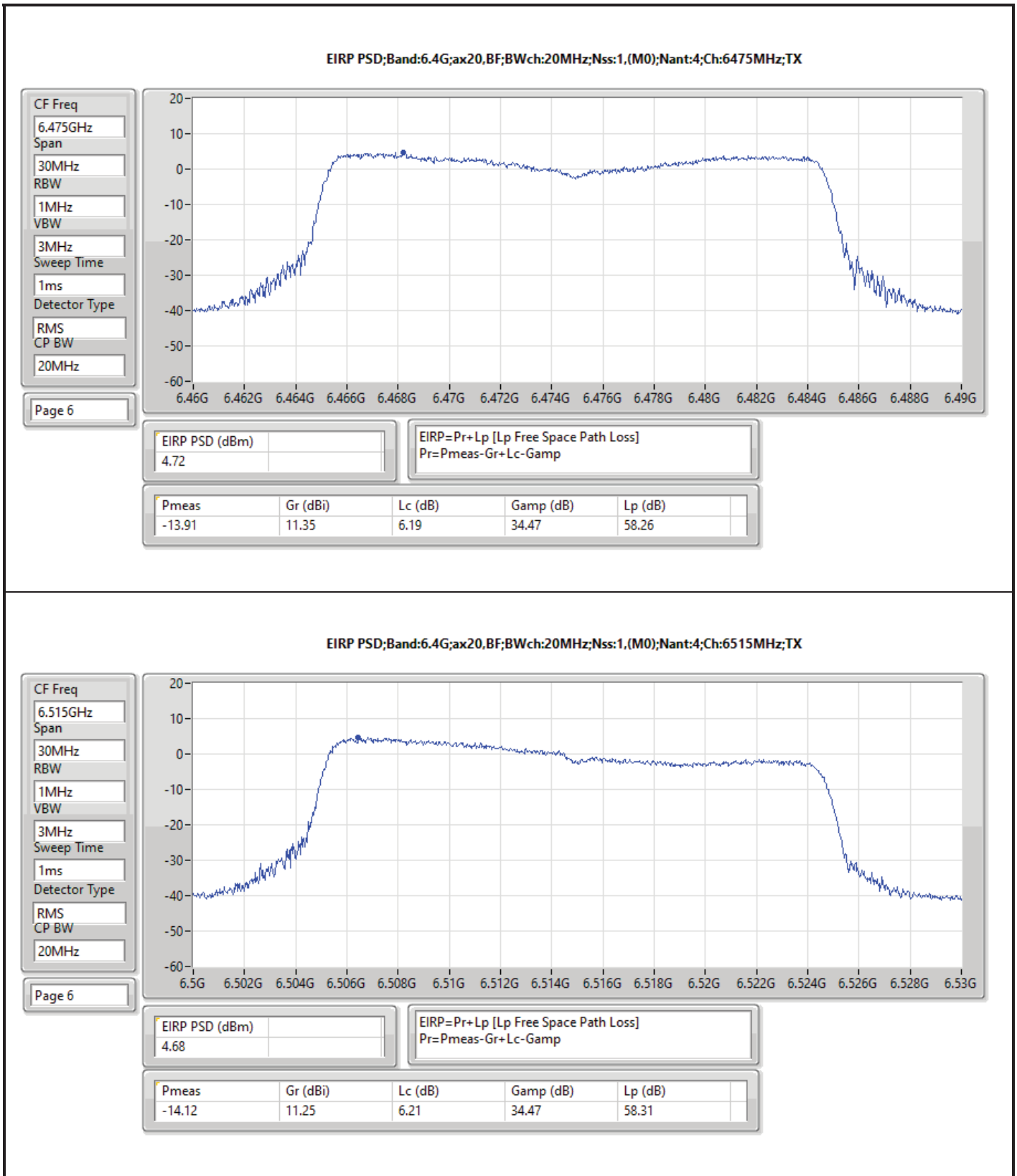


EIRP PSD;Band:6.2G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6415MHz;TX

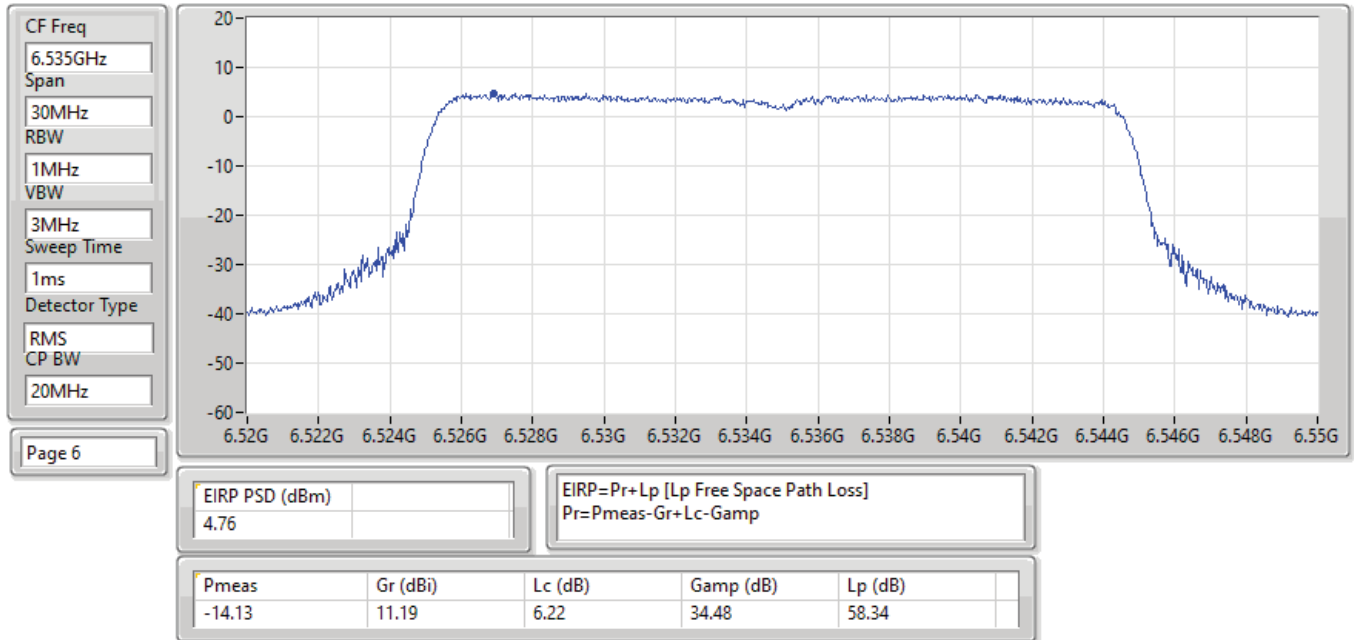


EIRP PSD;Band:6.4G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6435MHz;TX

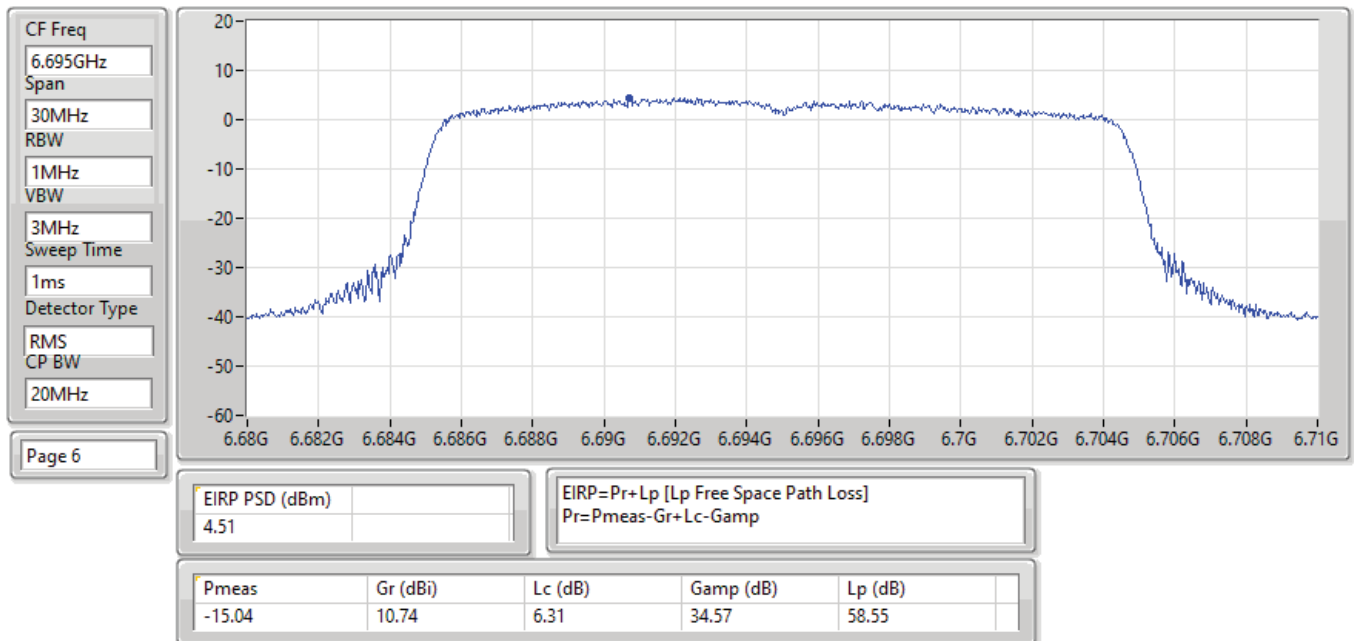




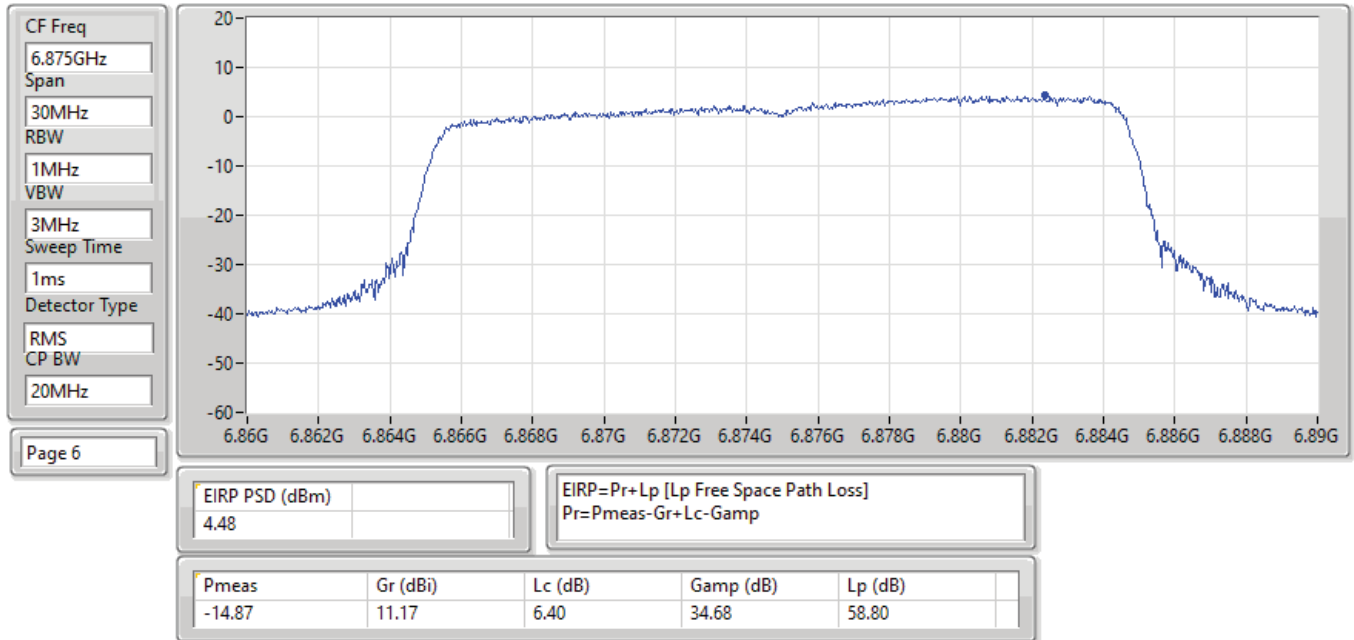
EIRP PSD;Band:6.7G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6535MHz;TX



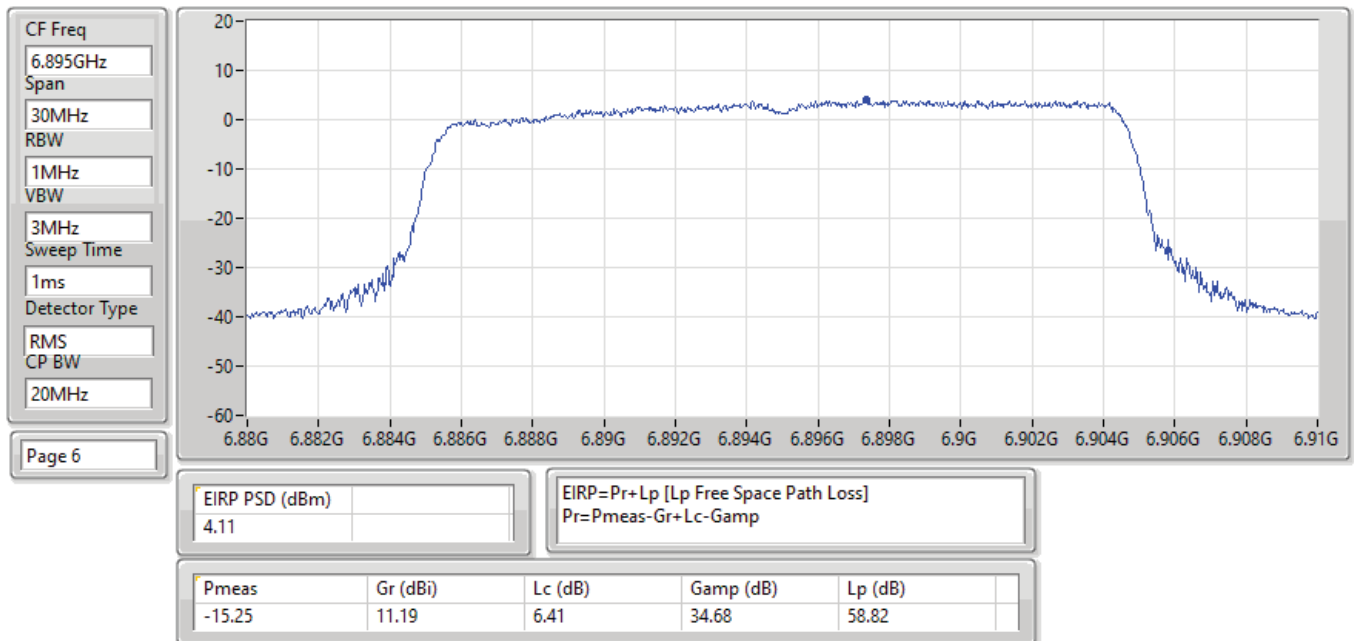
EIRP PSD;Band:6.7G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6695MHz;TX



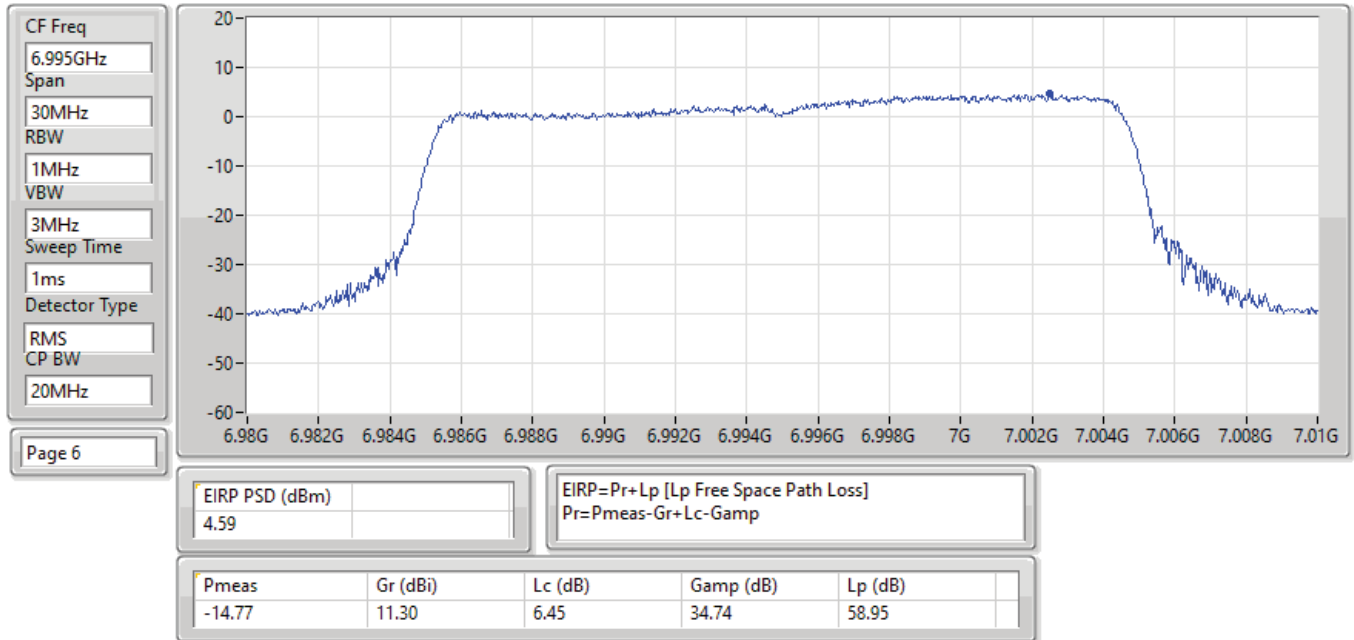
EIRP PSD;Band:6.7G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6875MHz;TX



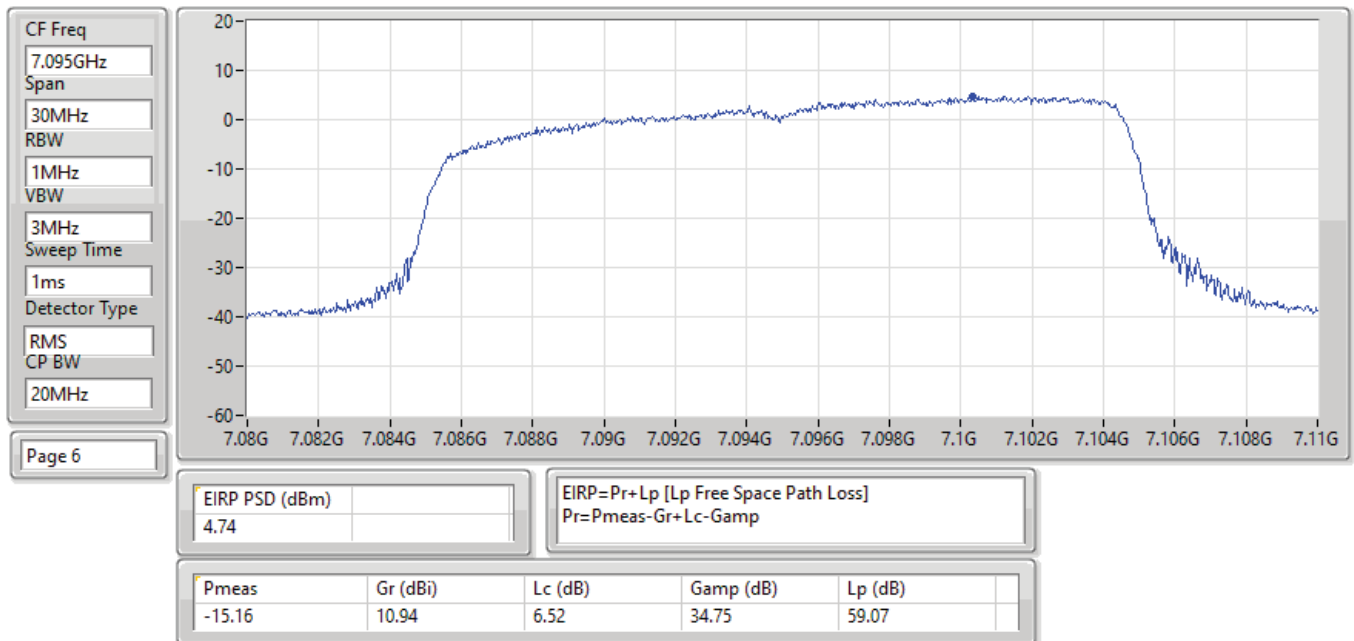
EIRP PSD;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6895MHz;TX



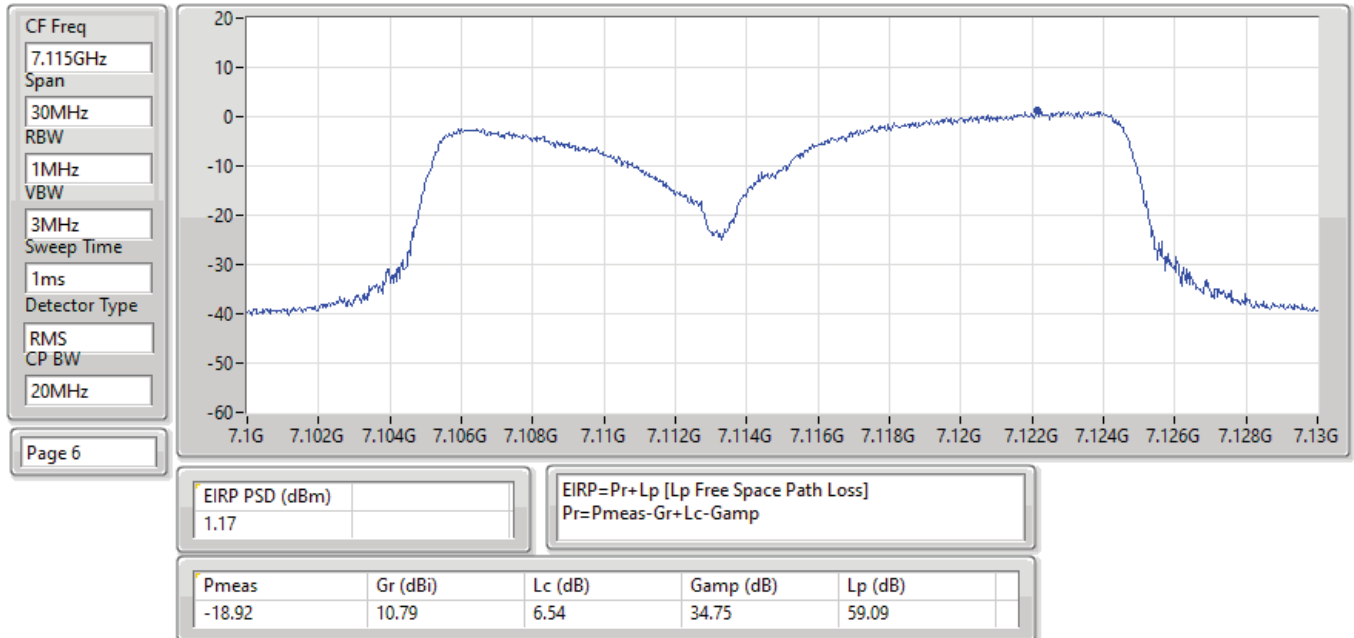
EIRP PSD;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6995MHz;TX



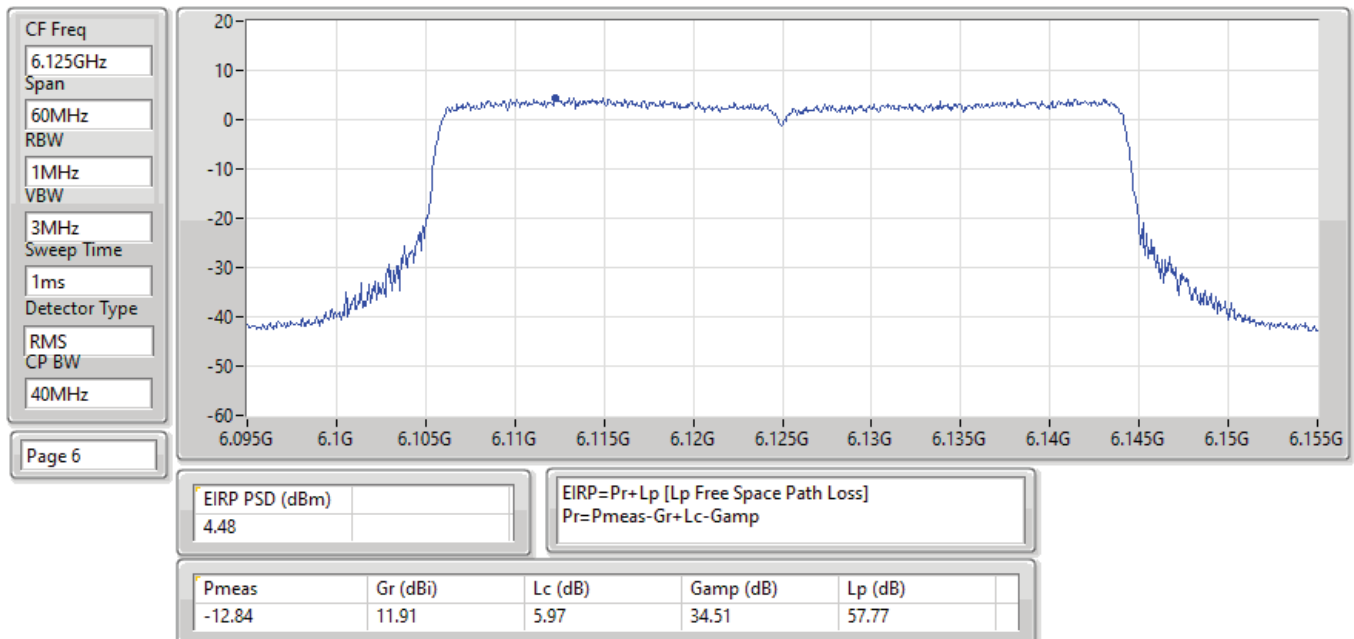
EIRP PSD;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7095MHz;TX



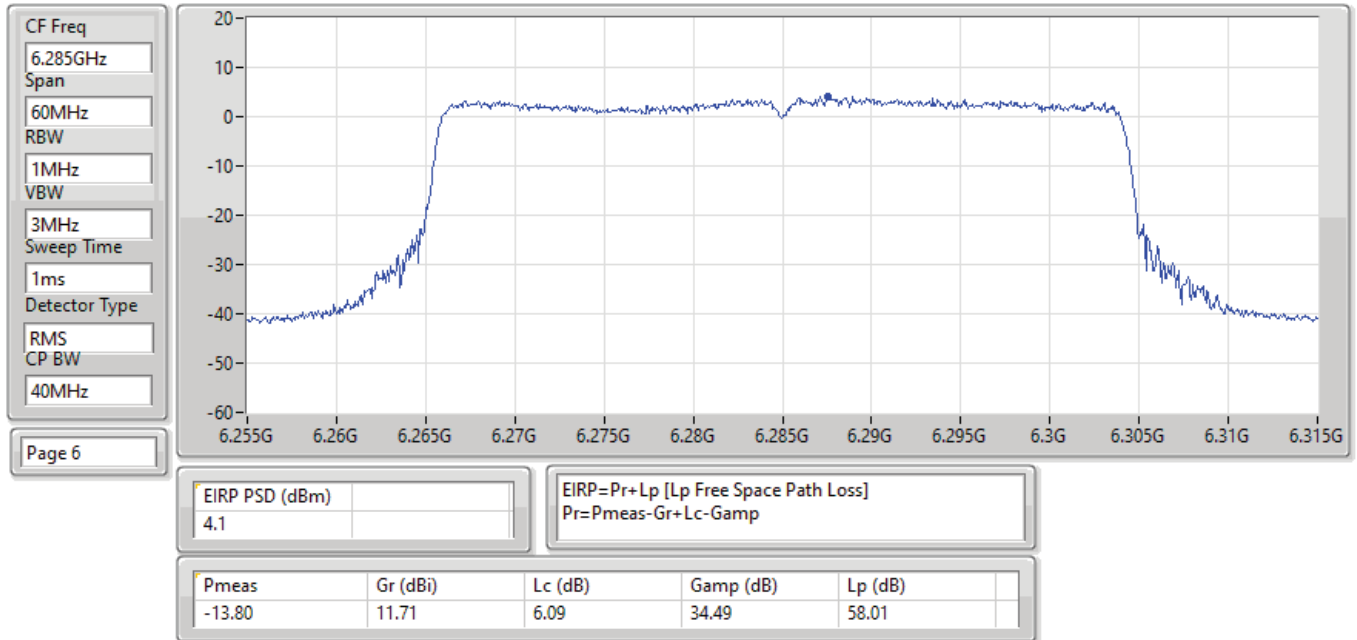
EIRP PSD;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7115MHz;TX



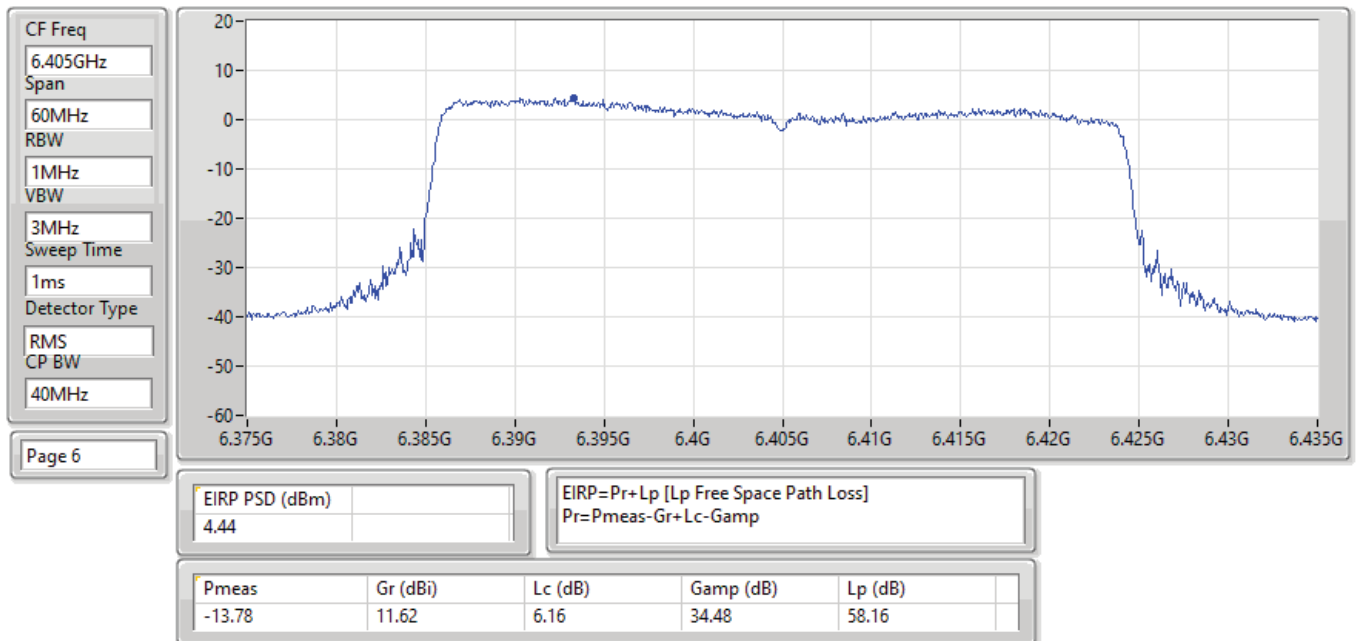
EIRP PSD;Band:6.2G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6125MHz;TX

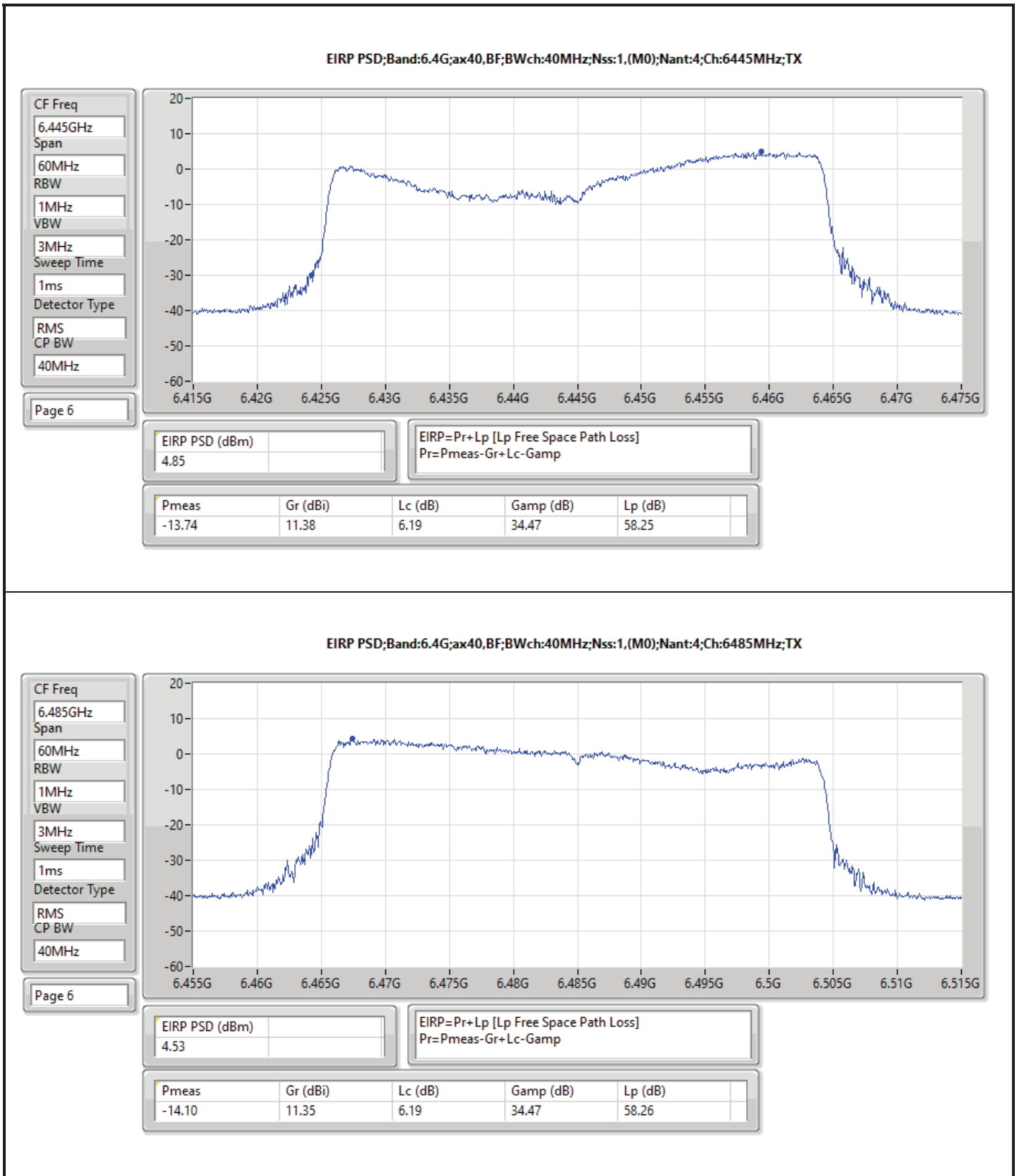


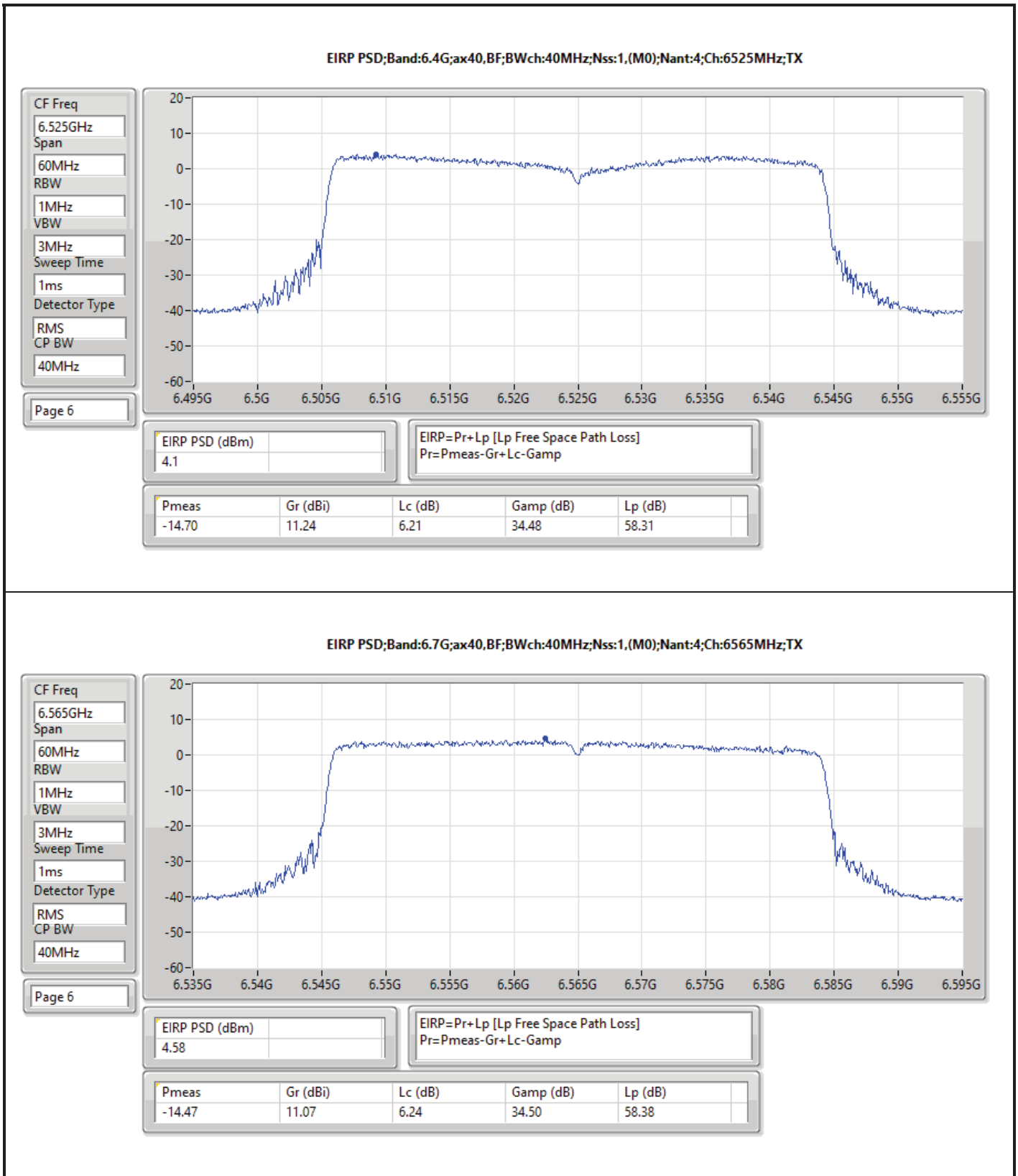
EIRP PSD;Band:6.2G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6285MHz;TX



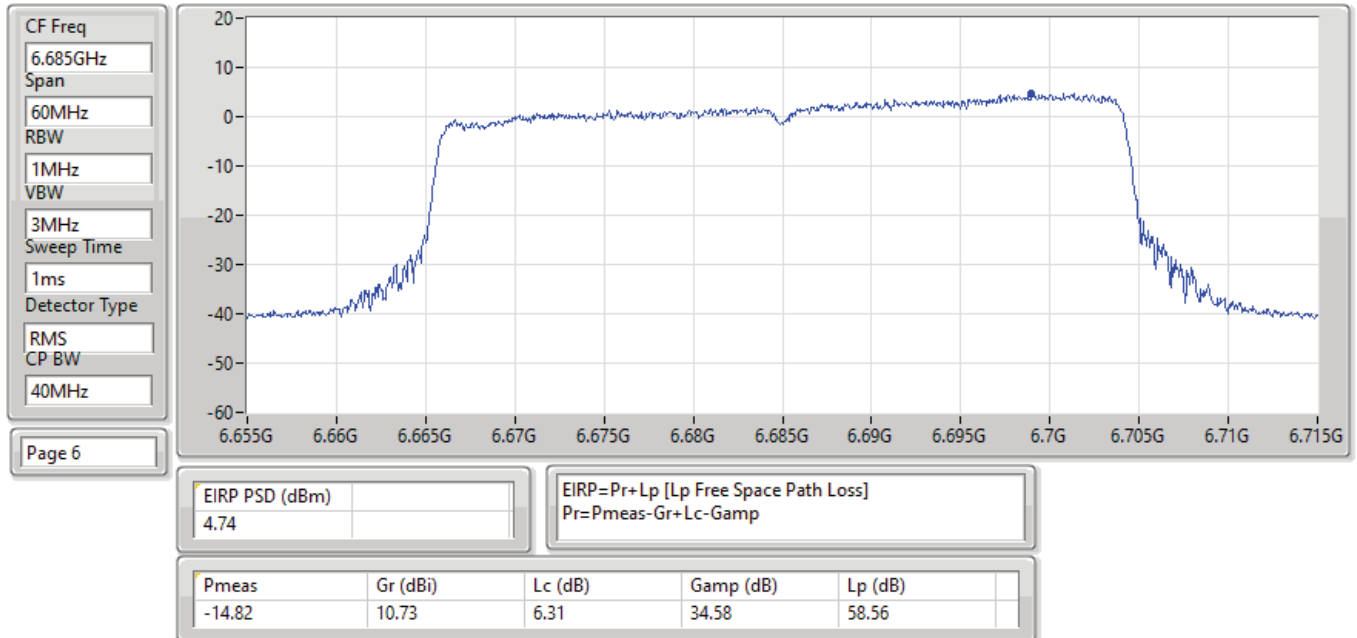
EIRP PSD;Band:6.2G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6405MHz;TX



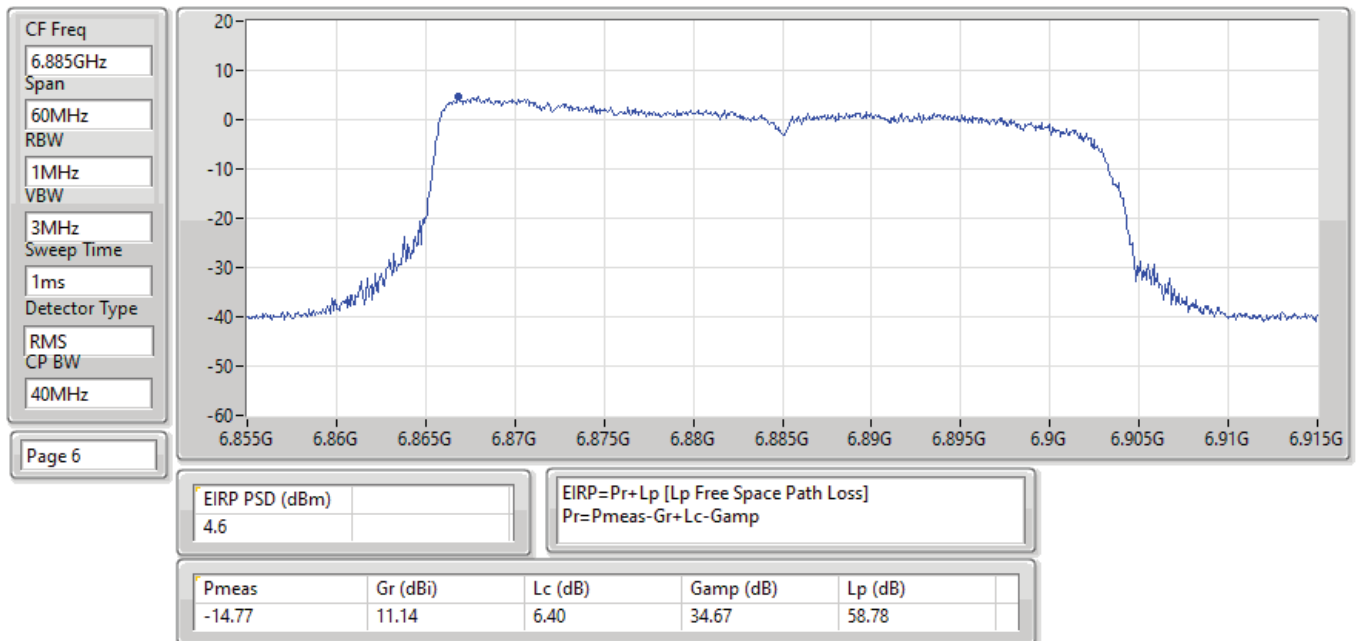




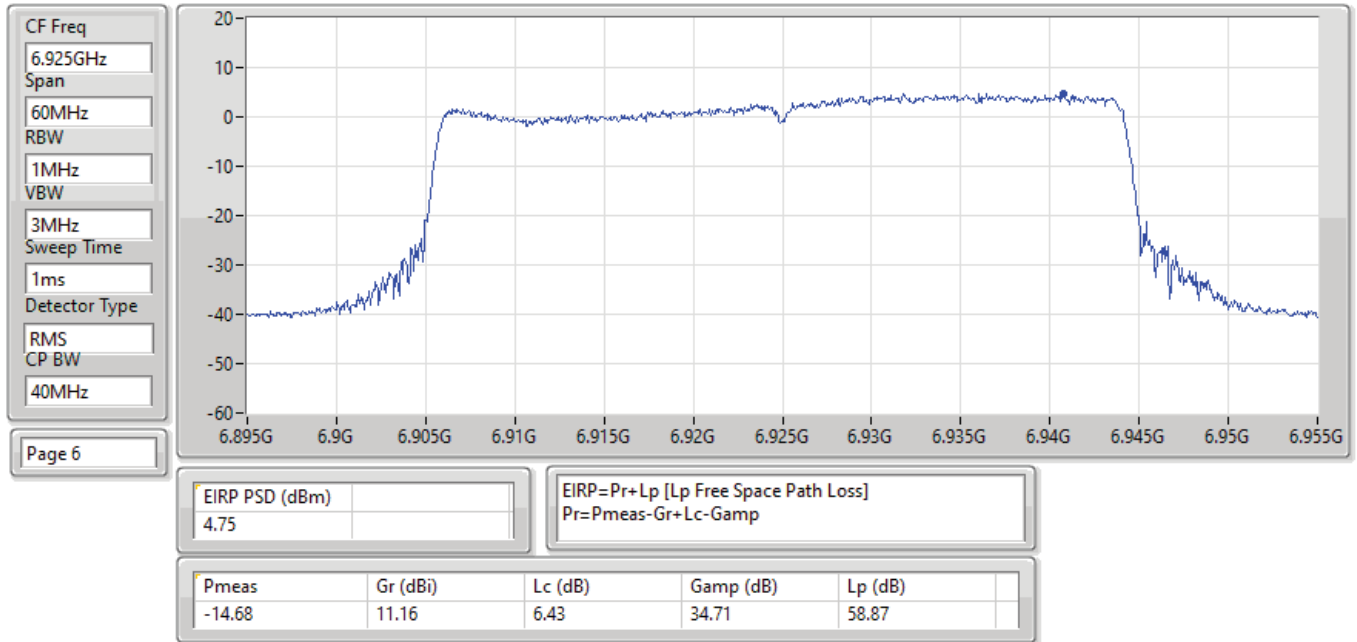
EIRP PSD;Band:6.7G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6685MHz;TX



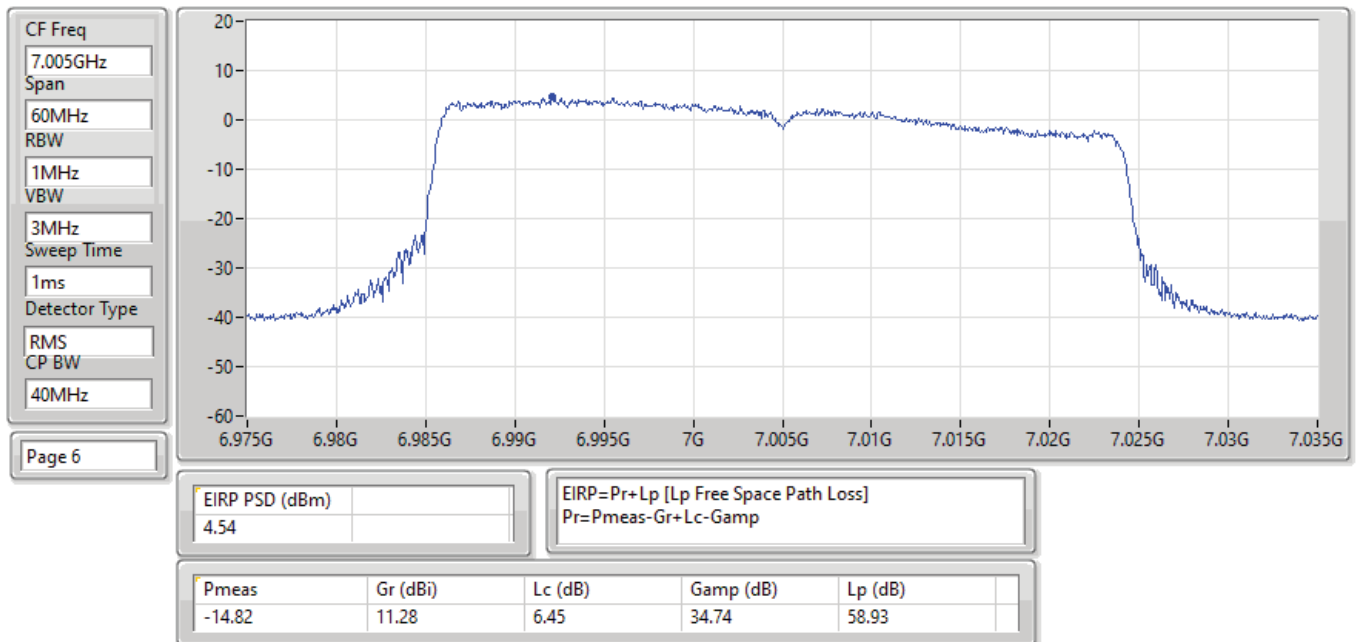
EIRP PSD;Band:6.7G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6885MHz;TX



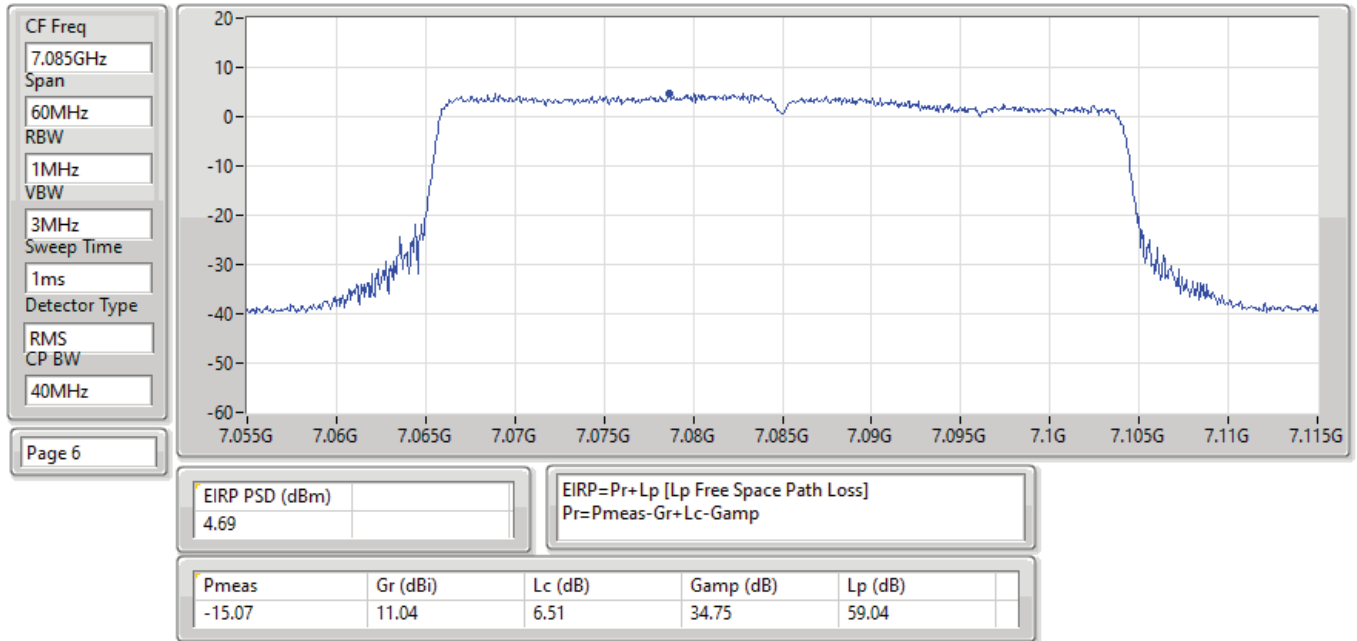
EIRP PSD;Band:7.0G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6925MHz;TX



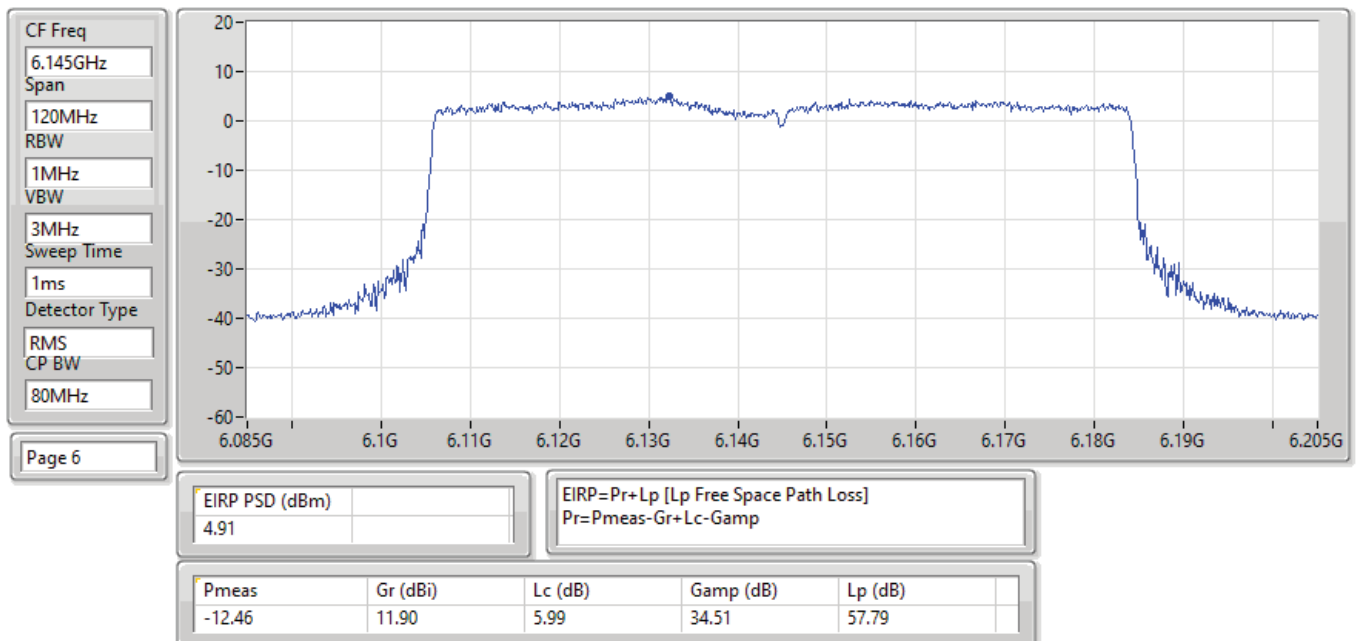
EIRP PSD;Band:7.0G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7005MHz;TX

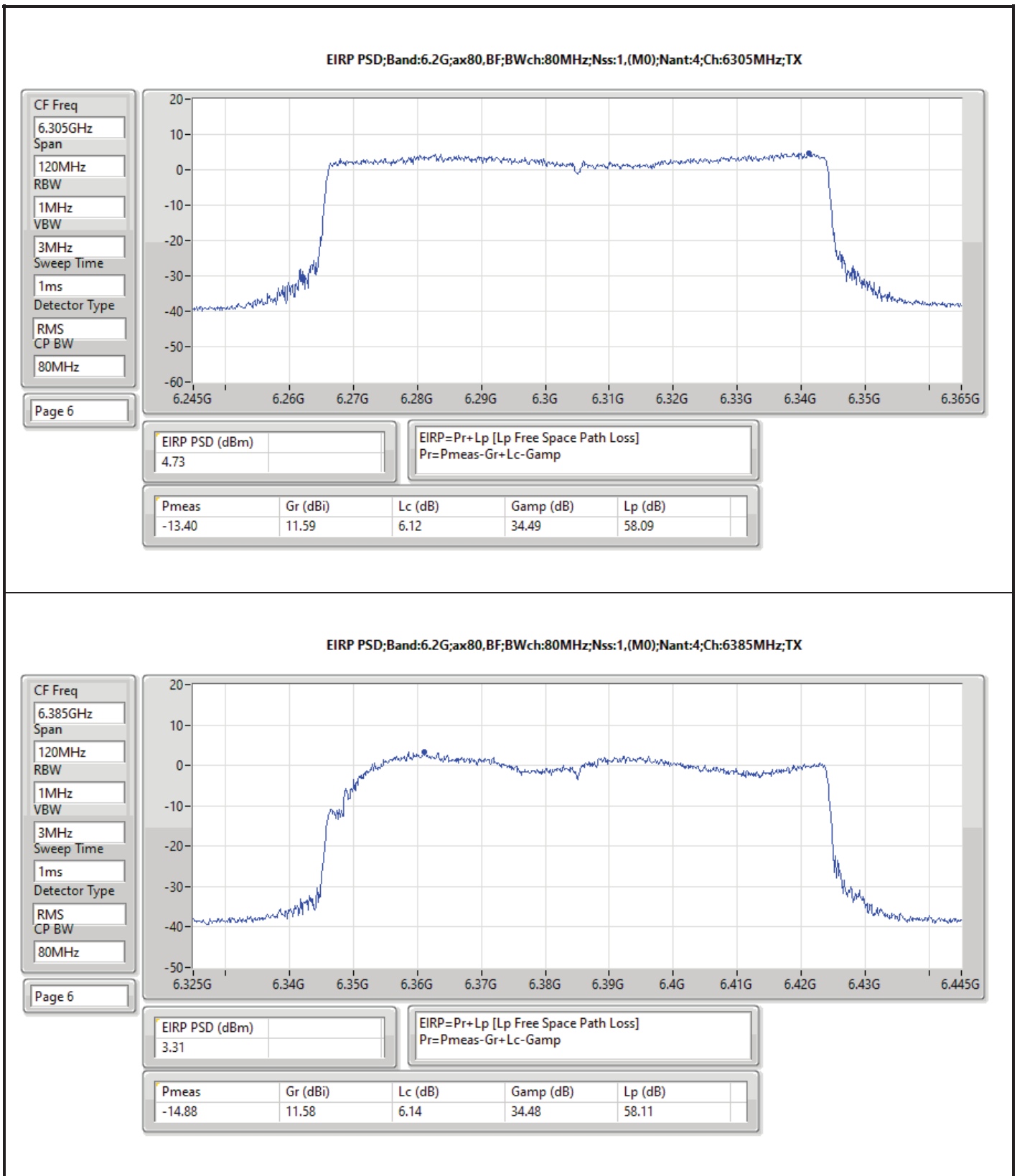


EIRP PSD;Band:7.0G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7085MHz;TX



EIRP PSD;Band:6.2G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6145MHz;TX





CF Freq
6.385GHz

Span
120MHz

RBW
1MHz

VBW
3MHz

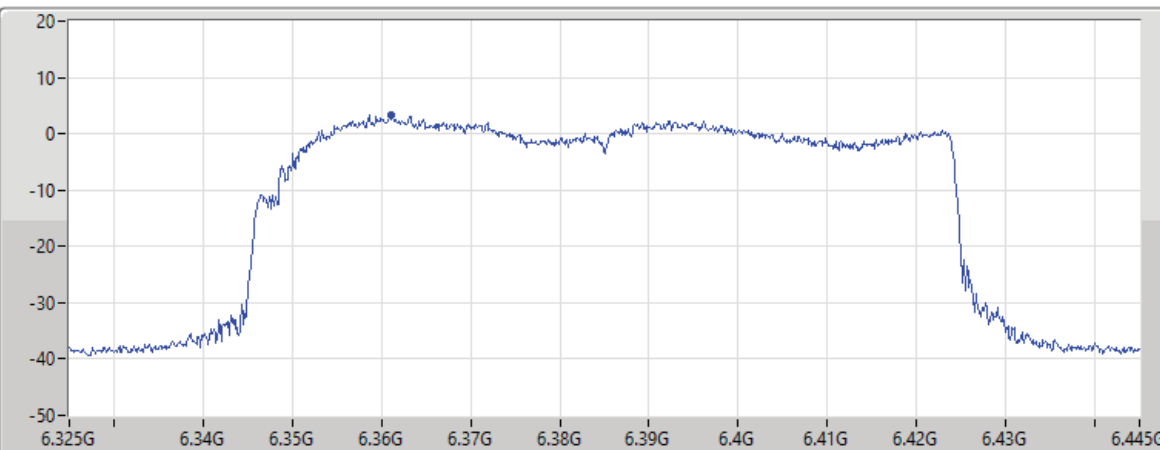
Sweep Time
1ms

Detector Type
RMS

CP BW
80MHz

Page 6

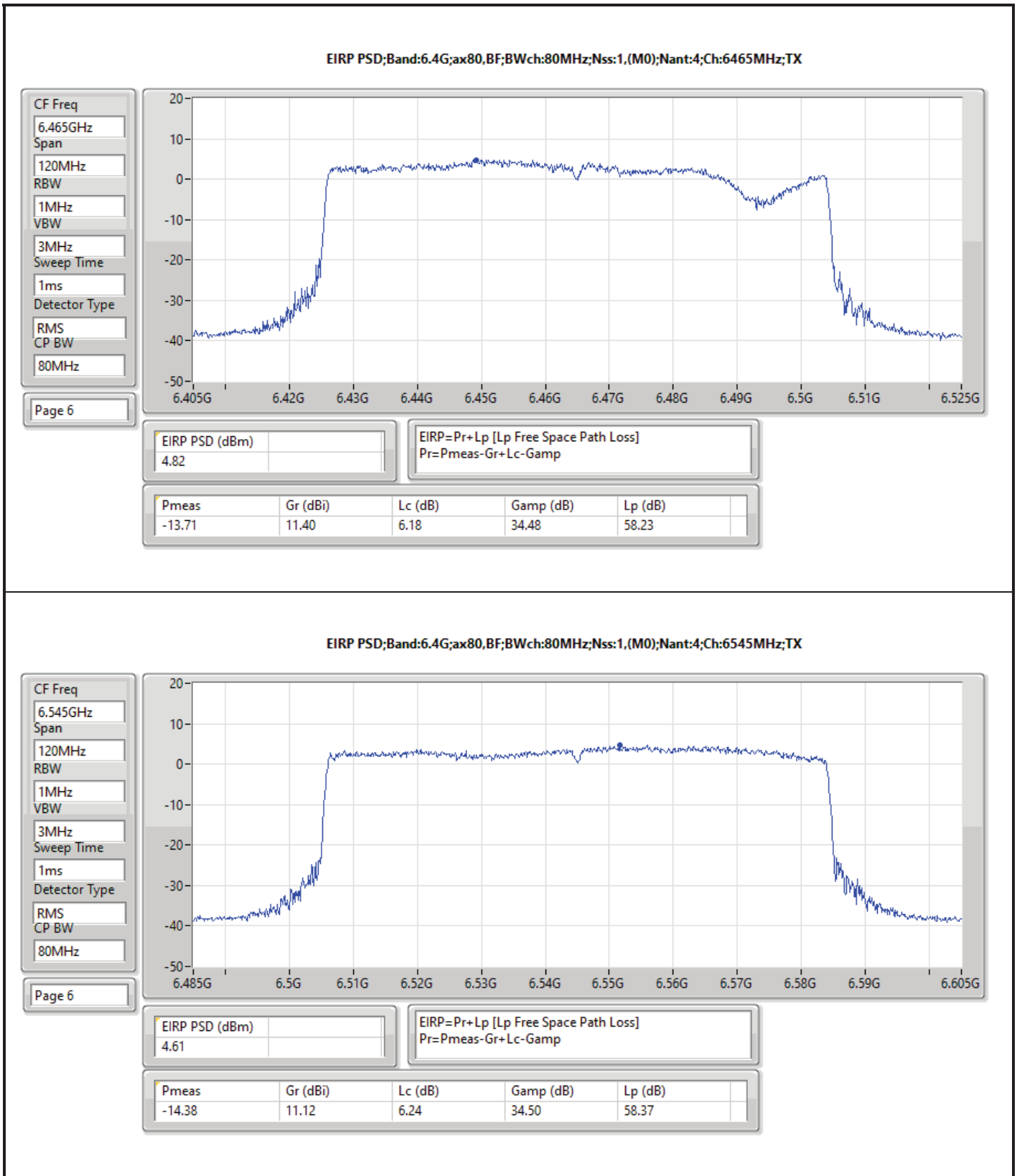
EIRP PSD;Band:6.2G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6385MHz;TX

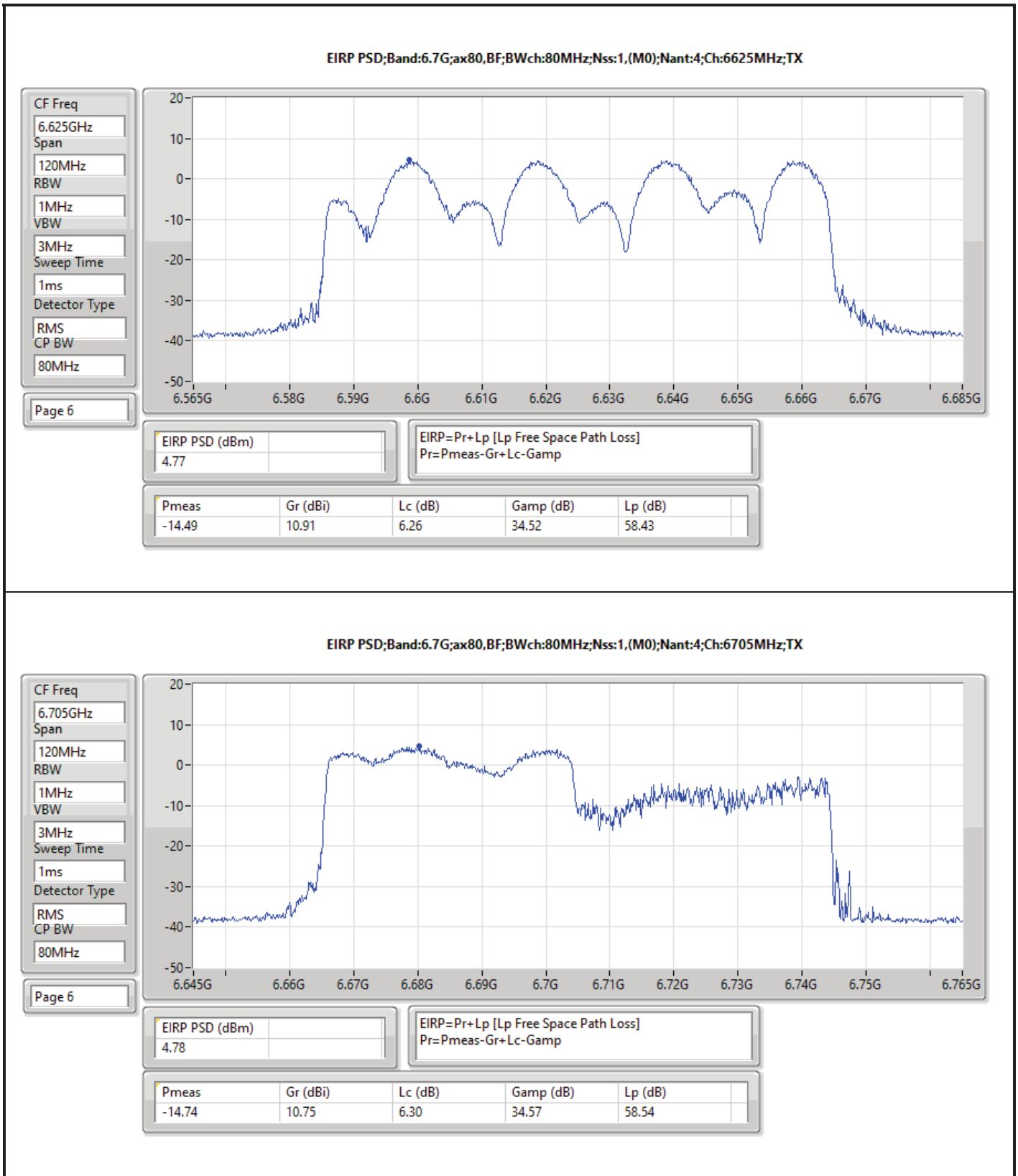


EIRP PSD (dBm)
3.31

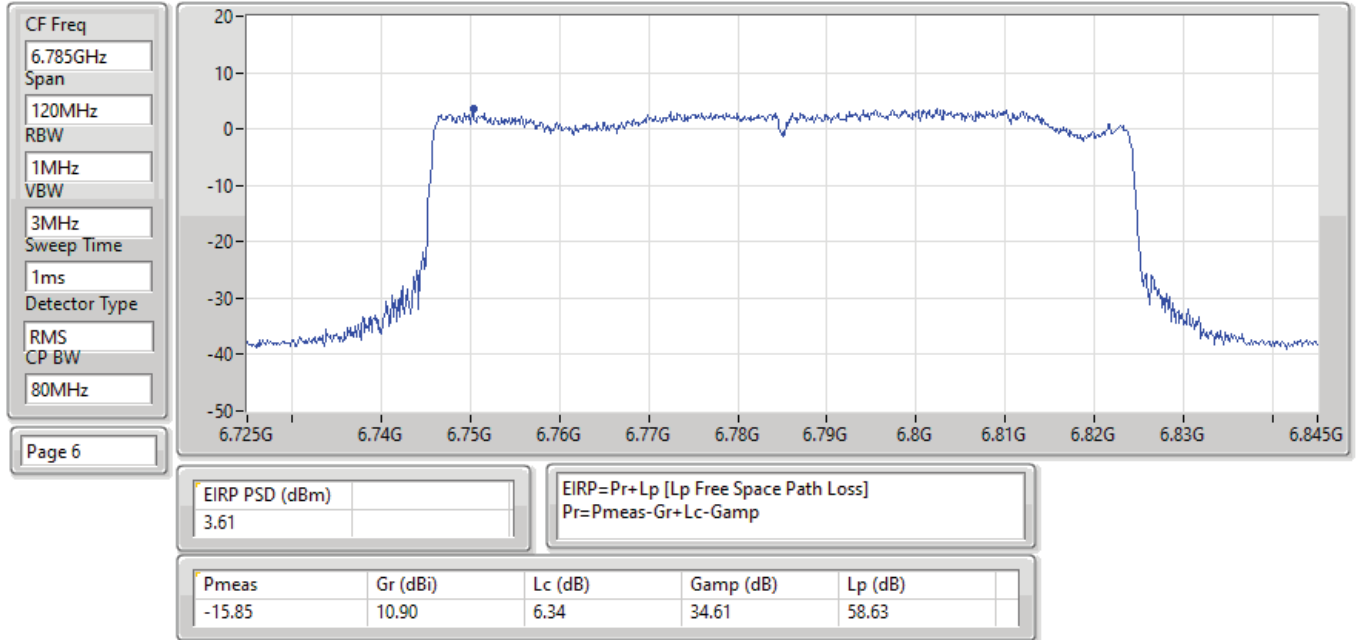
EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-14.88	11.58	6.14	34.48	58.11

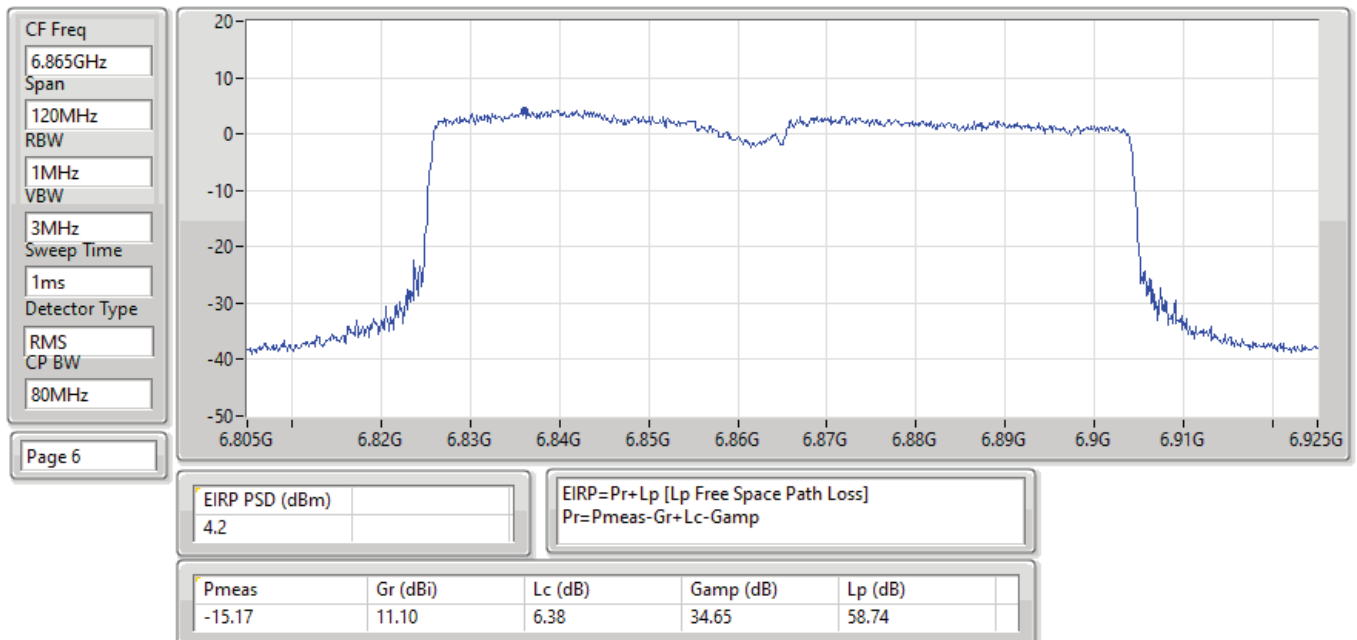


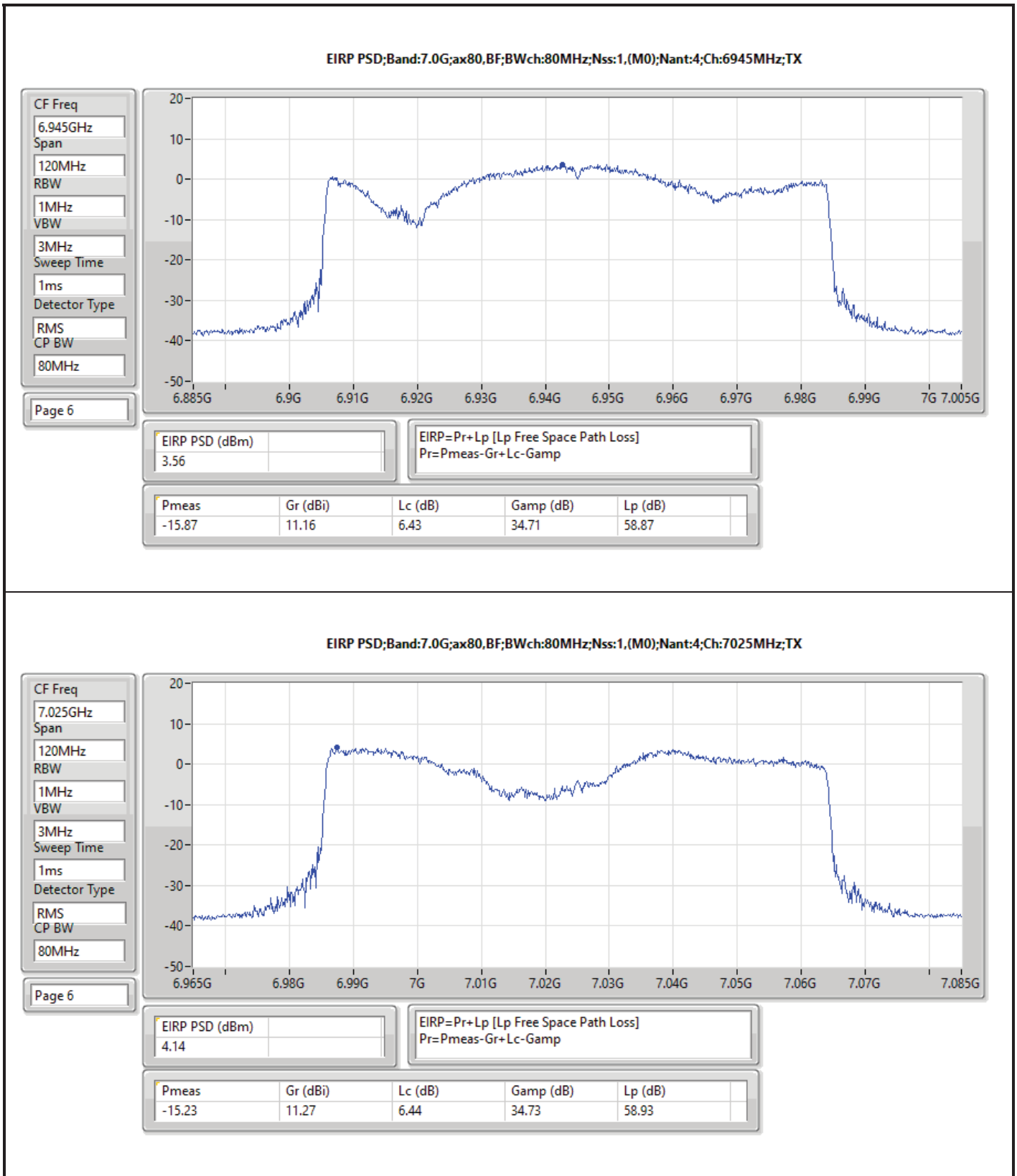


EIRP PSD;Band:6.7G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6785MHz;TX

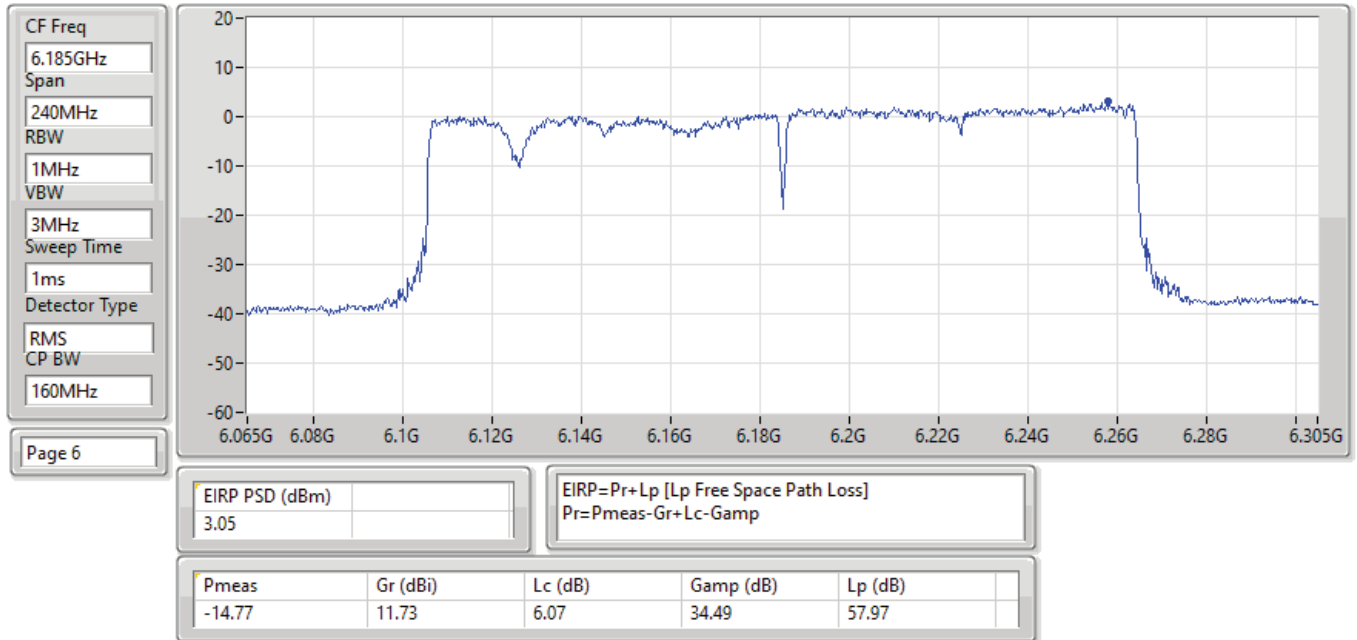


EIRP PSD;Band:6.7G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6865MHz;TX

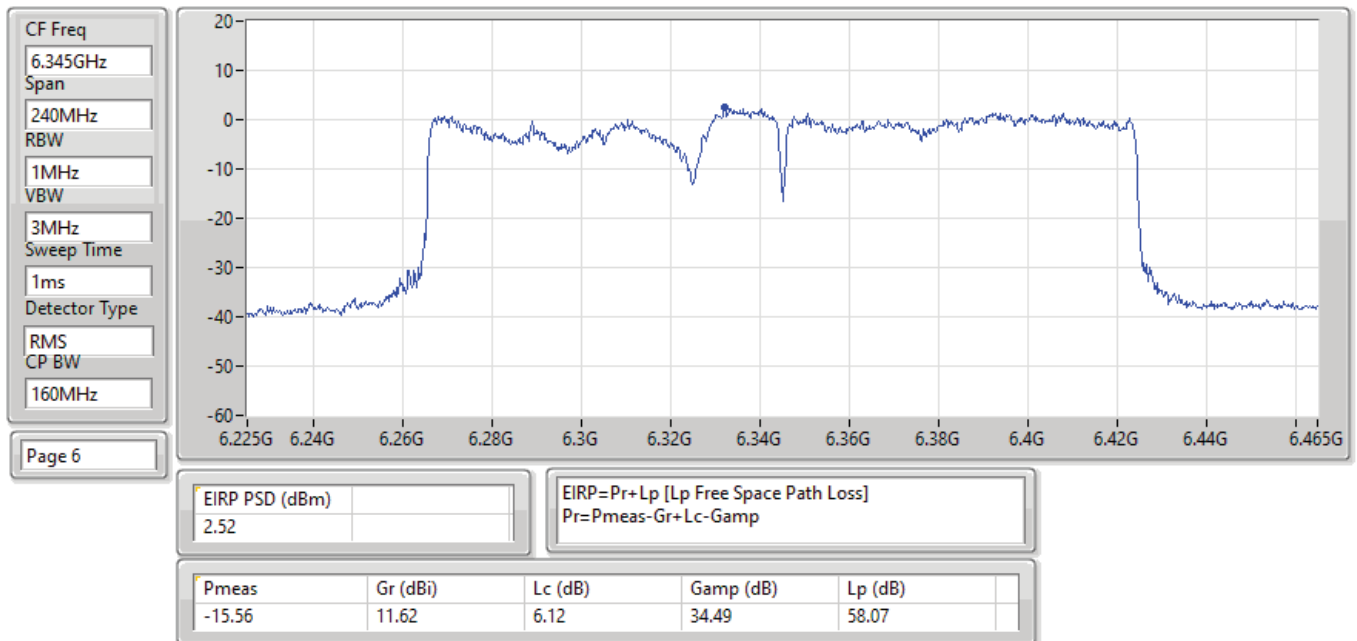




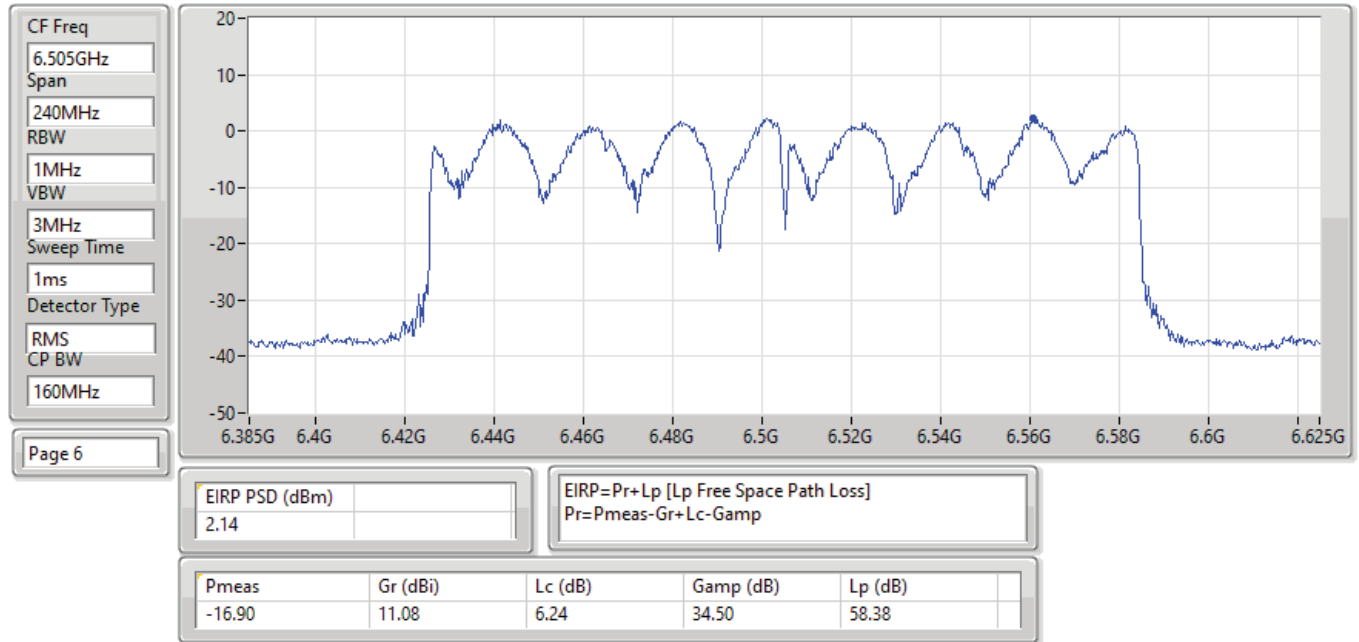
EIRP PSD;Band:6.2G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6185MHz;TX



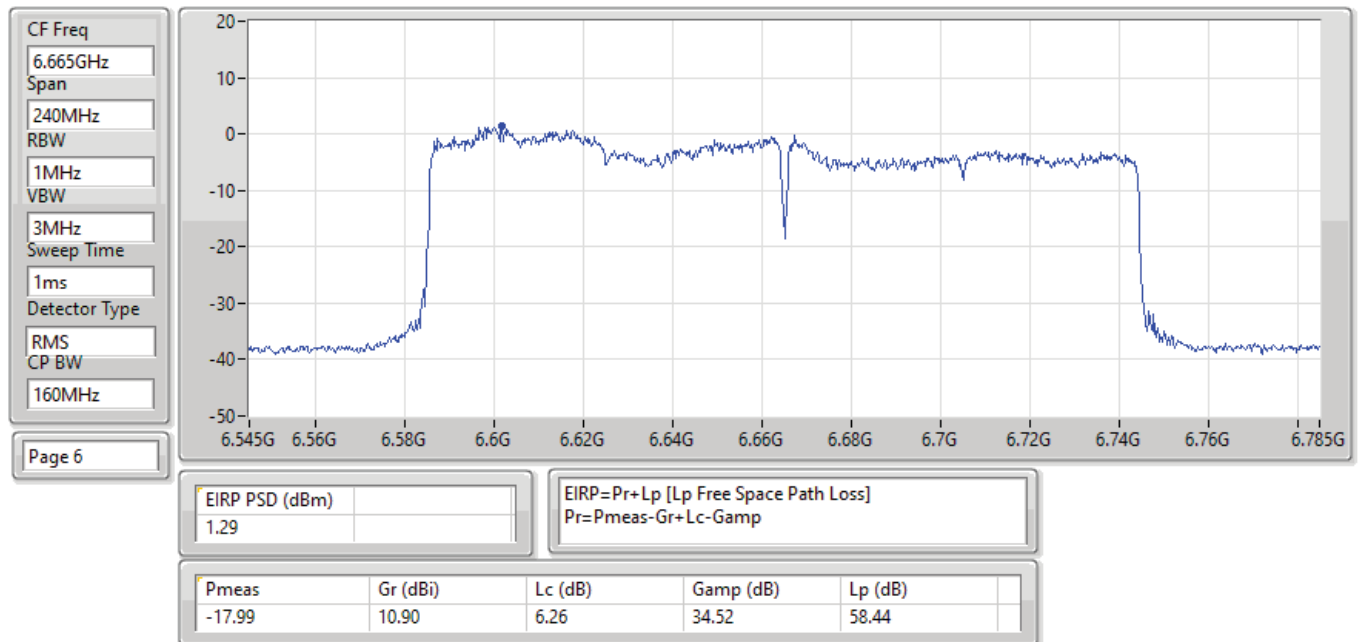
EIRP PSD;Band:6.2G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6345MHz;TX



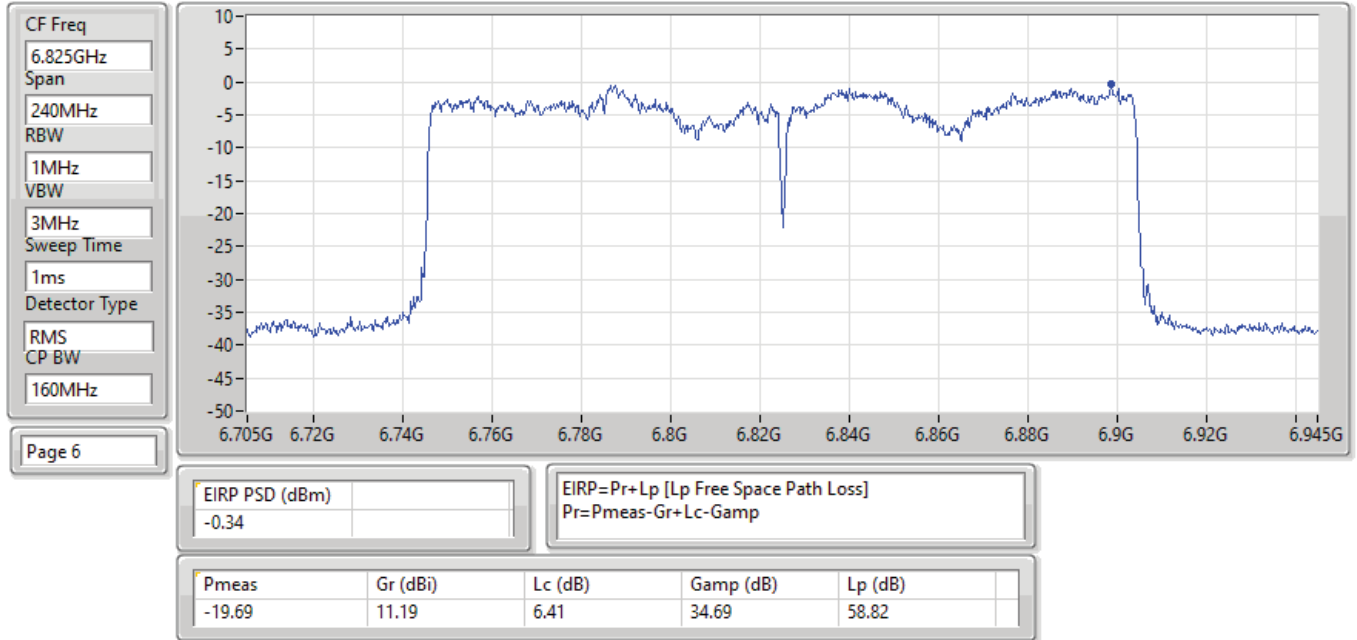
EIRP PSD;Band:6.4G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6505MHz;TX



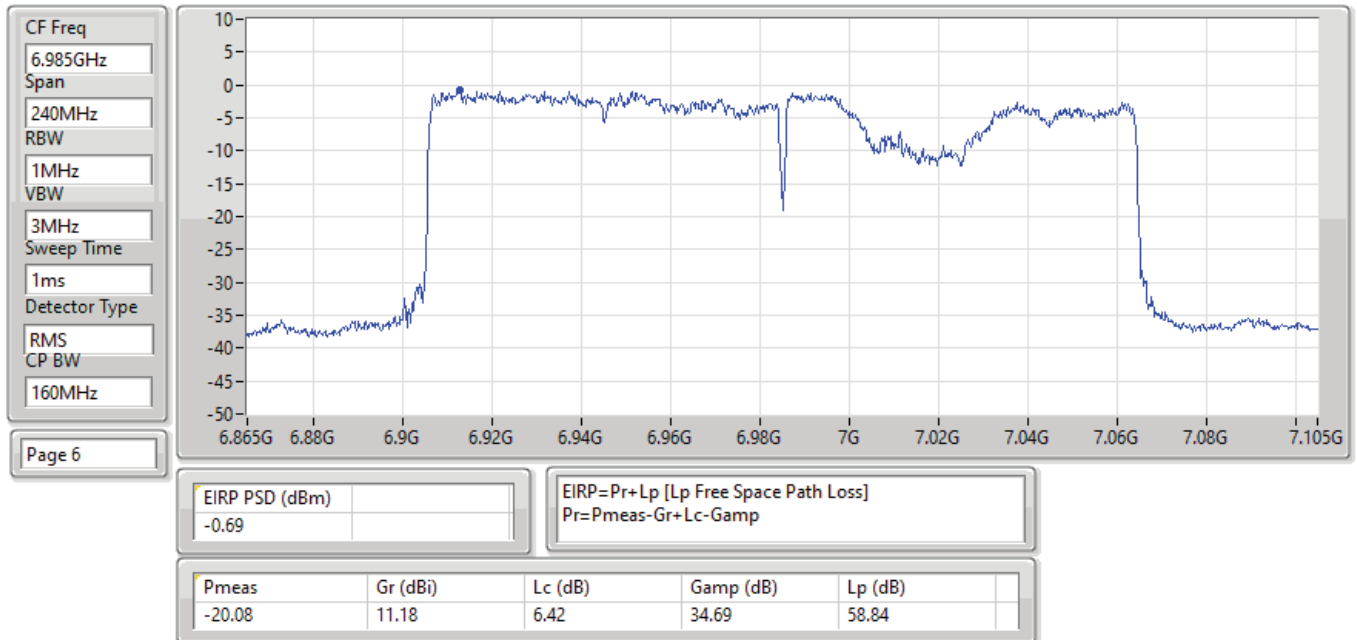
EIRP PSD;Band:6.7G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6665MHz;TX



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



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



**Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
5.925-6.425GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	6.41874G	-10.31	6.50916G	-59.93	-50.31	-9.62	3
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	6.41115G	-6.19	6.49916G	-55.96	-46.19	-9.77	3
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	6.31027G	-2.76	6.43172G	-51.90	-42.76	-9.14	4
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	6.1727G	-0.28	6.43316G	-47.99	-40.28	-7.71	4
6.425-6.525GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	6.43544G	-10.29	6.5098G	-59.98	-50.29	-9.69	4
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	6.53115G	-6.11	6.45988G	-56.02	-46.11	-9.91	3
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	6.46324G	-3.23	6.3418G	-52.73	-43.23	-9.50	4
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	6.4857G	1.04	6.7514G	-48.13	-38.96	-9.17	2
6.525-6.875GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	6.87742G	-10.17	6.98434G	-59.30	-50.17	-9.13	3
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	6.88236G	-6.08	6.99324G	-55.26	-46.08	-9.18	4
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	6.62324G	-2.99	6.49916G	-51.91	-42.99	-8.92	3
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	6.7934G	-0.15	7.49556G	-48.35	-40.15	-8.20	3
6.875-7.125GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	6.8917G	-10.47	6.98476G	-59.29	-50.47	-8.82	4
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	7.07841G	-5.78	6.93276G	-55.16	-45.78	-9.38	4
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	7.02324G	-2.74	7.4562G	-51.54	-42.74	-8.80	3
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	6.9516G	0.78	7.49188G	-48.40	-39.22	-9.18	4



Result

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
6115MHz	Pass	6.11918G	-9.69	6.21488G	-61.41	-49.69	-11.72	1
6115MHz	Pass	6.11302G	-9.55	6.2228G	-61.67	-49.55	-12.12	2
6115MHz	Pass	6.11654G	-9.64	6.20036G	-61.57	-49.64	-11.93	3
6115MHz	Pass	6.11742G	-10.03	6.21356G	-61.35	-50.03	-11.32	4
6275MHz	Pass	6.2717G	-8.11	6.33G	-61.17	-48.11	-13.06	1
6275MHz	Pass	6.27566G	-8.12	6.36234G	-61.24	-48.12	-13.12	2
6275MHz	Pass	6.27214G	-8.11	6.374G	-61.21	-48.11	-13.10	3
6275MHz	Pass	6.27302G	-8.70	6.2431G	-60.99	-48.70	-12.29	4
6415MHz	Pass	6.41918G	-10.51	6.50256G	-60.19	-50.51	-9.68	1
6415MHz	Pass	6.4161G	-9.84	6.5096G	-60.15	-49.84	-10.31	2
6415MHz	Pass	6.41874G	-10.31	6.50916G	-59.93	-50.31	-9.62	3
6415MHz	Pass	6.41412G	-9.42	6.50454G	-60.01	-49.42	-10.59	4
6435MHz	Pass	6.43302G	-9.74	6.48692G	-60.18	-49.74	-10.44	1
6435MHz	Pass	6.43588G	-9.45	6.5032G	-60.09	-49.45	-10.64	2
6435MHz	Pass	6.43258G	-10.10	6.50232G	-60.10	-50.10	-10.00	3
6435MHz	Pass	6.43544G	-10.29	6.5098G	-59.98	-50.29	-9.69	4
6475MHz	Pass	6.47126G	-10.05	6.50932G	-60.38	-50.05	-10.33	1
6475MHz	Pass	6.47214G	-9.94	6.50888G	-60.14	-49.94	-10.20	2
6475MHz	Pass	6.4783G	-10.23	6.50822G	-59.96	-50.23	-9.73	3
6475MHz	Pass	6.47368G	-10.25	6.41802G	-60.08	-50.25	-9.83	4
6515MHz	Pass	6.51258G	-9.92	6.48068G	-60.19	-49.92	-10.27	1
6515MHz	Pass	6.51676G	-9.30	6.48046G	-60.11	-49.30	-10.81	2
6515MHz	Pass	6.51324G	-10.00	6.47012G	-60.17	-50.00	-10.17	3
6515MHz	Pass	6.51192G	-9.59	6.46836G	-60.17	-49.59	-10.58	4
6535MHz	Pass	6.53192G	-8.72	6.49738G	-60.19	-48.72	-11.47	1
6535MHz	Pass	6.53632G	-8.52	6.50002G	-60.09	-48.52	-11.57	2
6535MHz	Pass	6.53258G	-9.30	6.50134G	-59.87	-49.30	-10.57	3
6535MHz	Pass	6.5328G	-8.79	6.50112G	-60.03	-48.79	-11.24	4
6695MHz	Pass	6.69984G	-9.93	6.80346G	-60.98	-49.93	-11.05	1
6695MHz	Pass	6.69632G	-9.32	6.78278G	-60.97	-49.32	-11.65	2
6695MHz	Pass	6.69346G	-9.88	6.79422G	-60.78	-49.88	-10.90	3
6695MHz	Pass	6.69346G	-9.72	6.8039G	-60.59	-49.72	-10.87	4
6875MHz	Pass	6.87126G	-9.47	6.97818G	-59.49	-49.47	-10.02	1
6875MHz	Pass	6.87588G	-9.63	6.97026G	-59.54	-49.63	-9.91	2
6875MHz	Pass	6.87742G	-10.17	6.98434G	-59.30	-50.17	-9.13	3
6875MHz	Pass	6.87126G	-10.01	6.9828G	-59.41	-50.01	-9.40	4
6895MHz	Pass	6.89126G	-9.89	6.98784G	-59.45	-49.89	-9.56	1
6895MHz	Pass	6.89632G	-9.81	7.0039G	-59.35	-49.81	-9.54	2
6895MHz	Pass	6.89346G	-10.22	6.9984G	-59.16	-50.22	-8.94	3
6895MHz	Pass	6.8917G	-10.47	6.98476G	-59.29	-50.47	-8.82	4
6995MHz	Pass	6.99192G	-9.22	6.96024G	-59.77	-49.22	-10.55	1
6995MHz	Pass	6.9939G	-9.67	6.96266G	-59.55	-49.67	-9.88	2
6995MHz	Pass	6.99302G	-10.19	6.95826G	-59.50	-50.19	-9.31	3
6995MHz	Pass	6.99632G	-9.80	6.95276G	-59.55	-49.80	-9.75	4
7095MHz	Pass	7.09698G	-9.50	7.00942G	-59.50	-49.50	-10.00	1
7095MHz	Pass	7.09676G	-8.75	6.99402G	-59.41	-48.75	-10.66	2
7095MHz	Pass	7.09236G	-9.68	6.99424G	-59.15	-49.68	-9.47	3
7095MHz	Pass	7.09126G	-9.88	6.99138G	-59.32	-49.88	-9.44	4
7115MHz	Pass	7.11302G	-8.71	7.19838G	-59.85	-48.71	-11.14	1
7115MHz	Pass	7.11588G	-8.32	7.21994G	-59.67	-48.32	-11.35	2
7115MHz	Pass	7.11654G	-9.22	7.2228G	-59.46	-49.22	-10.24	3
7115MHz	Pass	7.11302G	-9.11	7.2195G	-59.55	-49.11	-10.44	4
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
6125MHz	Pass	6.1206G	-4.45	6.27284G	-57.01	-44.45	-12.56	1



Mask Non-Beamforming

Appendix E.1

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
6125MHz	Pass	6.13247G	-4.34	6.26668G	-56.85	-44.34	-12.51	2
6125MHz	Pass	6.12764G	-4.69	6.26228G	-56.87	-44.69	-12.18	3
6125MHz	Pass	6.12984G	-4.67	6.28296G	-56.75	-44.67	-12.08	4
6285MHz	Pass	6.28368G	-3.99	6.505G	-56.60	-43.99	-12.61	1
6285MHz	Pass	6.28632G	-4.43	6.44692G	-56.91	-44.43	-12.48	2
6285MHz	Pass	6.28808G	-4.20	6.43944G	-56.61	-44.20	-12.41	3
6285MHz	Pass	6.2872G	-5.10	6.44384G	-56.44	-45.10	-11.34	4
6405MHz	Pass	6.41247G	-5.80	6.4996G	-56.17	-45.80	-10.37	1
6405MHz	Pass	6.40412G	-5.84	6.49872G	-56.27	-45.84	-10.43	2
6405MHz	Pass	6.41115G	-6.19	6.49916G	-55.96	-46.19	-9.77	3
6405MHz	Pass	6.4028G	-5.85	6.50444G	-55.98	-45.85	-10.13	4
6445MHz	Pass	6.45027G	-5.39	6.50836G	-56.23	-45.39	-10.84	1
6445MHz	Pass	6.44632G	-5.14	6.5066G	-56.07	-45.14	-10.93	2
6445MHz	Pass	6.45027G	-5.94	6.50924G	-55.93	-45.94	-9.99	3
6445MHz	Pass	6.44324G	-5.94	6.50704G	-55.94	-45.94	-10.00	4
6485MHz	Pass	6.49247G	-5.27	6.42296G	-56.51	-45.27	-11.24	1
6485MHz	Pass	6.48588G	-5.05	6.42252G	-56.43	-45.05	-11.38	2
6485MHz	Pass	6.4828G	-5.92	6.41944G	-56.27	-45.92	-10.35	3
6485MHz	Pass	6.48324G	-5.10	6.331G	-56.18	-45.10	-11.08	4
6525MHz	Pass	6.53115G	-5.66	6.46252G	-56.38	-45.66	-10.72	1
6525MHz	Pass	6.52632G	-5.33	6.45988G	-56.25	-45.33	-10.92	2
6525MHz	Pass	6.53115G	-6.11	6.45988G	-56.02	-46.11	-9.91	3
6525MHz	Pass	6.52192G	-5.63	6.45416G	-56.25	-45.63	-10.62	4
6565MHz	Pass	6.56984G	-4.45	6.50164G	-56.15	-44.45	-11.70	1
6565MHz	Pass	6.56676G	-4.43	6.49416G	-56.10	-44.43	-11.67	2
6565MHz	Pass	6.57247G	-6.08	6.49504G	-56.01	-46.08	-9.93	3
6565MHz	Pass	6.5694G	-5.31	6.50472G	-56.01	-45.31	-10.70	4
6685MHz	Pass	6.68236G	-5.26	6.90236G	-56.30	-45.26	-11.04	1
6685MHz	Pass	6.68764G	-5.40	6.89928G	-56.05	-45.40	-10.65	2
6685MHz	Pass	6.69247G	-5.94	6.50328G	-55.89	-45.94	-9.95	3
6685MHz	Pass	6.68192G	-5.25	6.50944G	-55.83	-45.25	-10.58	4
6885MHz	Pass	6.88192G	-5.45	7.00204G	-55.53	-45.45	-10.08	1
6885MHz	Pass	6.87621G	-6.00	7.00732G	-55.36	-46.00	-9.36	2
6885MHz	Pass	6.88412G	-5.97	7.00864G	-55.26	-45.97	-9.29	3
6885MHz	Pass	6.88236G	-6.08	6.99324G	-55.26	-46.08	-9.18	4
6925MHz	Pass	6.92236G	-5.24	6.99452G	-55.50	-45.24	-10.26	1
6925MHz	Pass	6.92588G	-5.42	7.0086G	-55.39	-45.42	-9.97	2
6925MHz	Pass	6.92588G	-5.74	6.99848G	-55.15	-45.74	-9.41	3
6925MHz	Pass	6.92368G	-5.45	6.99276G	-55.26	-45.45	-9.81	4
7005MHz	Pass	7.00368G	-4.87	6.9412G	-55.72	-44.87	-10.85	1
7005MHz	Pass	6.99577G	-5.31	6.9368G	-55.53	-45.31	-10.22	2
7005MHz	Pass	7.00236G	-5.34	6.93856G	-55.42	-45.34	-10.08	3
7005MHz	Pass	6.99841G	-4.60	6.94076G	-55.43	-44.60	-10.83	4
7085MHz	Pass	7.08324G	-5.18	6.99788G	-55.54	-45.18	-10.36	1
7085MHz	Pass	7.08588G	-4.78	6.98732G	-55.29	-44.78	-10.51	2
7085MHz	Pass	7.0872G	-5.46	6.9508G	-55.12	-45.46	-9.66	3
7085MHz	Pass	7.07841G	-5.78	6.93276G	-55.16	-45.78	-9.38	4
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
6145MHz	Pass	6.14148G	-0.76	6.26908G	-51.76	-40.76	-11.00	1
6145MHz	Pass	6.13445G	-1.32	6.26996G	-51.48	-41.32	-10.16	2
6145MHz	Pass	6.16082G	-1.48	6.2682G	-51.28	-41.42	-9.86	3
6145MHz	Pass	6.15467G	-1.34	6.2682G	-51.57	-41.34	-10.23	4
6305MHz	Pass	6.3006G	-2.52	6.42908G	-52.37	-42.52	-9.85	1
6305MHz	Pass	6.29533G	-2.26	6.42996G	-52.58	-42.26	-10.32	2
6305MHz	Pass	6.30236G	-2.32	6.42908G	-52.04	-42.32	-9.72	3
6305MHz	Pass	6.31027G	-2.76	6.43172G	-51.90	-42.76	-9.14	4



Mask Non-Beamforming

Appendix E.1

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
6385MHz	Pass	6.39115G	-3.01	6.5082G	-52.58	-42.95	-9.63	1
6385MHz	Pass	6.38764G	-3.02	6.50908G	-52.58	-43.02	-9.56	2
6385MHz	Pass	6.39027G	-3.09	6.5082G	-52.24	-43.09	-9.15	3
6385MHz	Pass	6.38236G	-2.45	6.50908G	-52.07	-42.45	-9.62	4
6465MHz	Pass	6.47203G	-2.24	6.34092G	-52.92	-42.24	-10.68	1
6465MHz	Pass	6.46676G	-2.26	6.34092G	-53.00	-42.26	-10.74	2
6465MHz	Pass	6.47027G	-2.84	6.34004G	-52.90	-42.84	-10.06	3
6465MHz	Pass	6.46324G	-3.23	6.3418G	-52.73	-43.23	-9.50	4
6545MHz	Pass	6.55115G	-1.24	6.4218G	-51.97	-41.24	-10.73	1
6545MHz	Pass	6.54676G	-1.21	6.42092G	-52.23	-41.21	-11.02	2
6545MHz	Pass	6.54236G	-1.86	6.42004G	-52.34	-41.86	-10.48	3
6545MHz	Pass	6.55027G	-1.49	6.41916G	-52.25	-41.49	-10.76	4
6625MHz	Pass	6.63203G	-3.04	7.00164G	-52.75	-43.04	-9.71	1
6625MHz	Pass	6.62676G	-2.19	6.49828G	-52.10	-42.19	-9.91	2
6625MHz	Pass	6.62324G	-2.99	6.49916G	-51.91	-42.99	-8.92	3
6625MHz	Pass	6.62236G	-2.35	6.50092G	-52.28	-42.35	-9.93	4
6705MHz	Pass	6.69269G	-2.40	7.0086G	-52.64	-42.40	-10.24	1
6705MHz	Pass	6.69621G	-2.15	7.00596G	-52.59	-42.15	-10.44	2
6705MHz	Pass	6.69445G	-2.55	6.99716G	-52.38	-42.55	-9.83	3
6705MHz	Pass	6.70236G	-2.60	7.00772G	-52.43	-42.60	-9.83	4
6785MHz	Pass	6.7806G	-2.28	6.91172G	-52.64	-42.28	-10.36	1
6785MHz	Pass	6.77621G	-1.89	6.90908G	-52.36	-41.89	-10.47	2
6785MHz	Pass	6.79291G	-2.23	6.917G	-52.01	-42.23	-9.78	3
6785MHz	Pass	6.78236G	-2.24	6.91172G	-52.16	-42.24	-9.92	4
6865MHz	Pass	6.86148G	-2.68	6.99436G	-52.12	-42.68	-9.44	1
6865MHz	Pass	6.85621G	-2.09	6.98996G	-52.10	-42.09	-10.01	2
6865MHz	Pass	6.86236G	-2.88	6.99612G	-51.85	-42.88	-8.97	3
6865MHz	Pass	6.86148G	-2.82	6.99876G	-51.99	-42.82	-9.17	4
6945MHz	Pass	6.94236G	-2.29	7.38412G	-52.52	-42.29	-10.23	1
6945MHz	Pass	6.95467G	-2.42	7.38324G	-52.41	-42.42	-9.99	2
6945MHz	Pass	6.94324G	-2.35	7.385G	-52.19	-42.35	-9.84	3
6945MHz	Pass	6.93797G	-2.35	7.37884G	-52.33	-42.35	-9.98	4
7025MHz	Pass	7.02148G	-2.65	7.46324G	-51.71	-42.65	-9.06	1
7025MHz	Pass	7.01445G	-2.36	6.90004G	-51.25	-42.36	-8.89	2
7025MHz	Pass	7.02324G	-2.74	7.4562G	-51.54	-42.74	-8.80	3
7025MHz	Pass	7.0206G	-2.41	6.90004G	-51.42	-42.41	-9.01	4
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
6185MHz	Pass	6.2202G	0.29	6.43316G	-48.61	-39.71	-8.90	1
6185MHz	Pass	6.2096G	0.40	6.42964G	-48.51	-39.60	-8.91	2
6185MHz	Pass	6.1815G	0.20	6.4314G	-47.80	-39.74	-8.06	3
6185MHz	Pass	6.1727G	-0.28	6.43316G	-47.99	-40.28	-7.71	4
6345MHz	Pass	6.3204G	-0.02	6.59316G	-48.85	-40.02	-8.83	1
6345MHz	Pass	6.3257G	0.19	6.5914G	-49.43	-39.81	-9.62	2
6345MHz	Pass	6.3696G	-0.03	6.5914G	-49.08	-39.97	-9.11	3
6345MHz	Pass	6.3643G	0.27	6.54212G	-41.49	-32.48	-9.01	4
6505MHz	Pass	6.5314G	0.76	6.7514G	-48.94	-39.18	-9.76	1
6505MHz	Pass	6.4857G	1.04	6.7514G	-48.13	-38.96	-9.17	2
6505MHz	Pass	6.5314G	0.40	6.7514G	-48.83	-39.60	-9.23	3
6505MHz	Pass	6.5419G	0.65	6.75492G	-48.71	-39.35	-9.36	4
6665MHz	Pass	6.6914G	-0.13	7.4922G	-48.65	-40.13	-8.52	1
6665MHz	Pass	6.6966G	0.68	6.91316G	-47.98	-39.32	-8.66	2
6665MHz	Pass	6.6826G	0.57	6.9114G	-48.02	-39.43	-8.59	3
6665MHz	Pass	6.6421G	1.24	6.9114G	-47.86	-38.70	-9.16	4
6825MHz	Pass	6.8021G	0.42	7.49732G	-48.67	-39.58	-9.09	1
6825MHz	Pass	6.7951G	0.89	7.4938G	-48.54	-39.11	-9.43	2
6825MHz	Pass	6.7934G	-0.15	7.49556G	-48.35	-40.15	-8.20	3



Mask_Non-Beamforming

Appendix E.1

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
6825MHz	Pass	6.8408G	0.41	7.49908G	-48.28	-39.59	-8.69	4
6985MHz	Pass	6.9621G	1.23	7.49188G	-48.64	-38.77	-9.87	1
6985MHz	Pass	6.9551G	1.42	7.49716G	-48.52	-38.58	-9.94	2
6985MHz	Pass	6.9639G	0.96	7.49188G	-48.28	-39.04	-9.24	3
6985MHz	Pass	6.9516G	0.78	7.49188G	-48.40	-39.22	-9.18	4

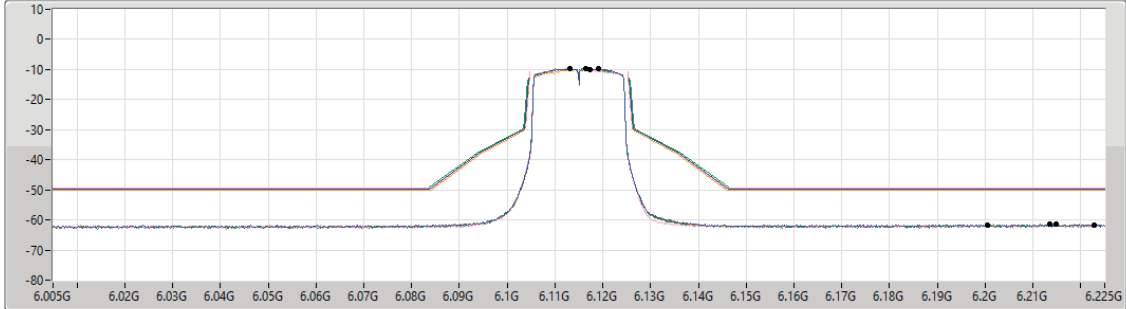
5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

MASK

6115MHz_TX

12/04/2023

CF Freq
6.115GHz
Span
220MHz
RBW
200kHz
VBW
1MHz
Sweep Time
20ms
Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.11918G	-9.69	6.21488G	-61.41	-49.69	-11.72	1
6.11302G	-9.55	6.2228G	-61.67	-49.55	-12.12	2
6.11654G	-9.64	6.20036G	-61.57	-49.64	-11.93	3
6.11742G	-10.03	6.21356G	-61.35	-50.03	-11.32	4

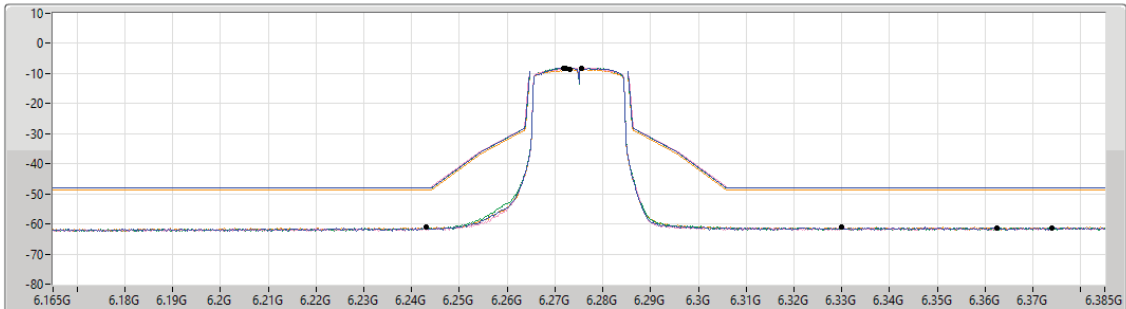
5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

MASK

6275MHz_TX

12/04/2023

CF Freq
6.275GHz
Span
220MHz
RBW
200kHz
VBW
1MHz
Sweep Time
20ms
Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.2717G	-8.11	6.33G	-61.17	-48.11	-13.06	1
6.27566G	-8.12	6.36234G	-61.24	-48.12	-13.12	2
6.27214G	-8.11	6.374G	-61.21	-48.11	-13.10	3
6.27302G	-8.70	6.2431G	-60.99	-48.70	-12.29	4

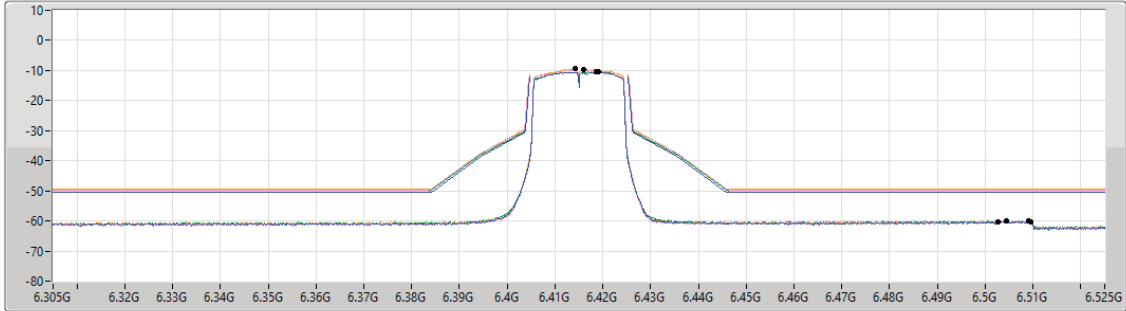
5.925-6.425GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

MASK

6415MHz_TX

10/04/2023

CF Freq
6.415GHz
Span
220MHz
RBW
200kHz
VBW
1MHz
Sweep Time
20ms
Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.41918G	-10.51	6.50256G	-60.19	-50.51	-9.68	1
6.4161G	-9.84	6.5096G	-60.15	-49.84	-10.31	2
6.41874G	-10.31	6.50916G	-59.93	-50.31	-9.62	3
6.41412G	-9.42	6.50454G	-60.01	-49.42	-10.59	4

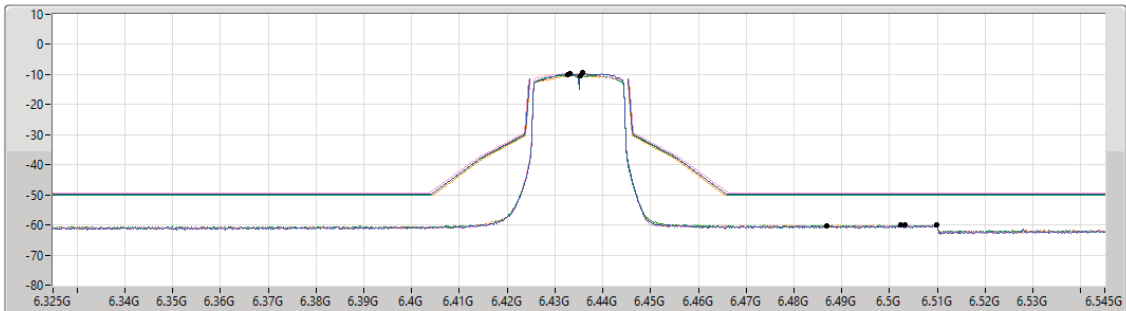
6.425-6.525GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

MASK

6435MHz_TX

10/04/2023

CF Freq
6.435GHz
Span
220MHz
RBW
200kHz
VBW
1MHz
Sweep Time
20ms
Detector Type
RMS



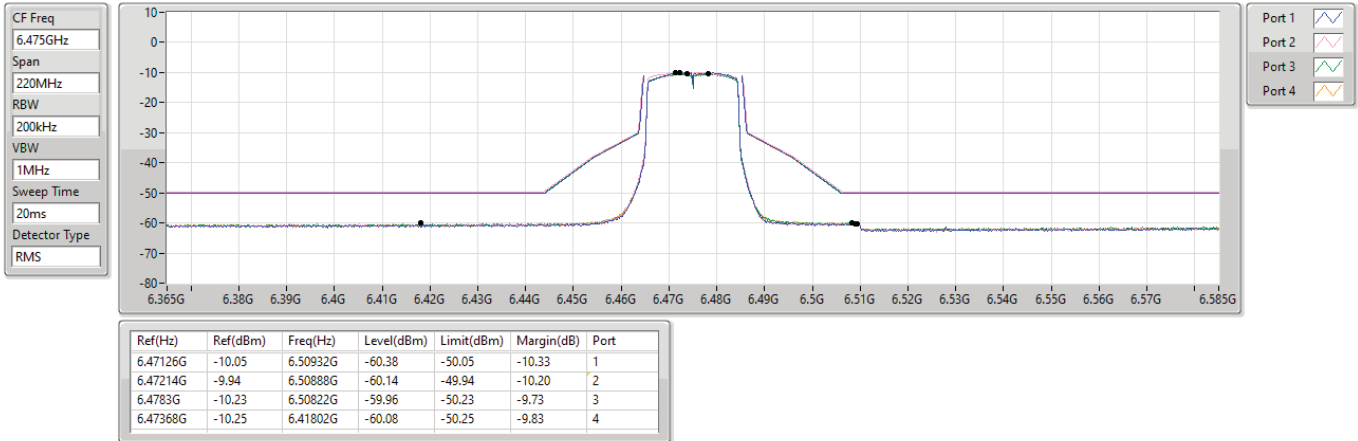
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.43302G	-9.74	6.48692G	-60.18	-49.74	-10.44	1
6.43588G	-9.45	6.5032G	-60.09	-49.45	-10.64	2
6.43258G	-10.10	6.50232G	-60.10	-50.10	-10.00	3
6.43544G	-10.29	6.5098G	-59.98	-50.29	-9.69	4

6.425-6.525GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

MASK

6475MHz_TX

10/04/2023

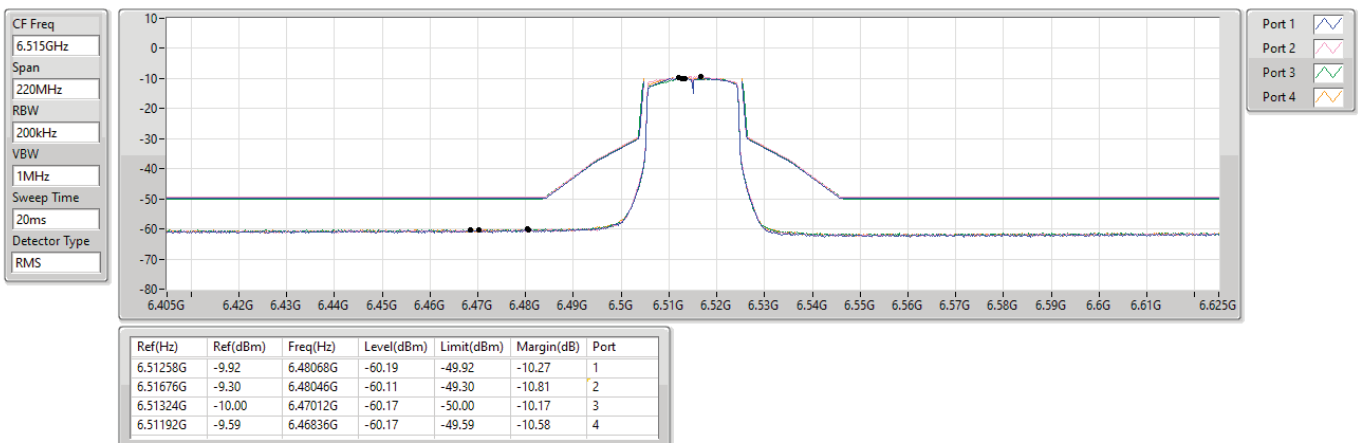


6.425-6.525GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

MASK

6515MHz_TX

10/04/2023

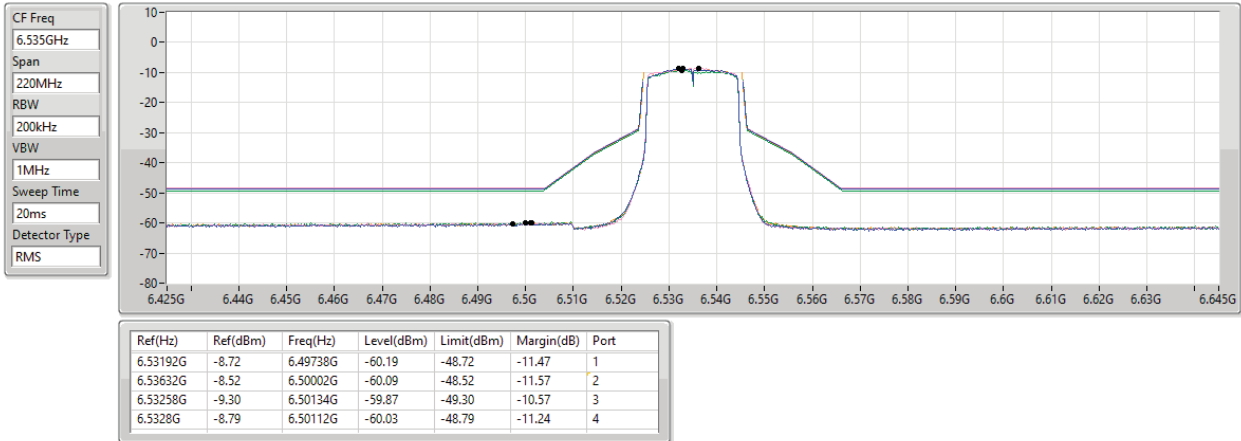


6.525-6.875GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

MASK

6535MHz_TX

10/04/2023

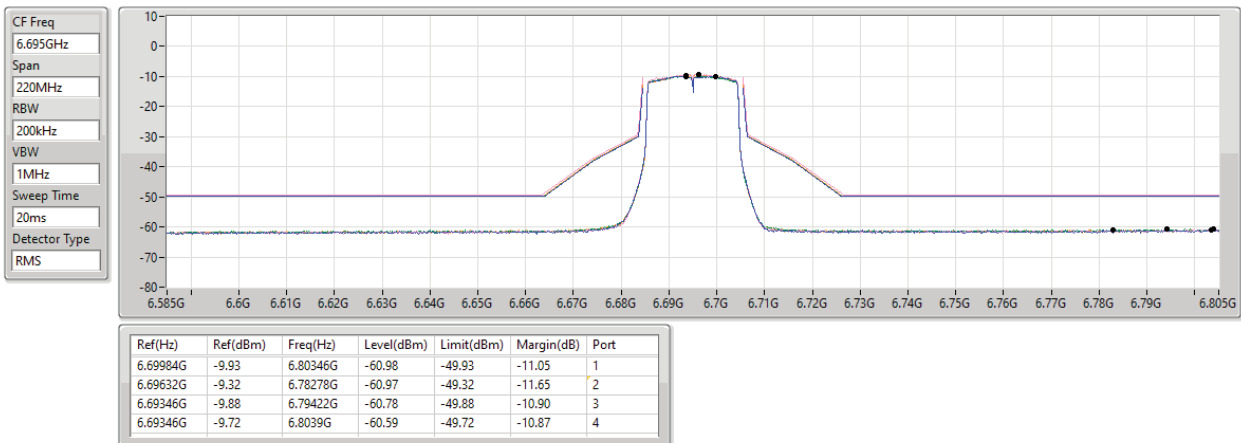


6.525-6.875GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

MASK

6695MHz_TX

10/04/2023

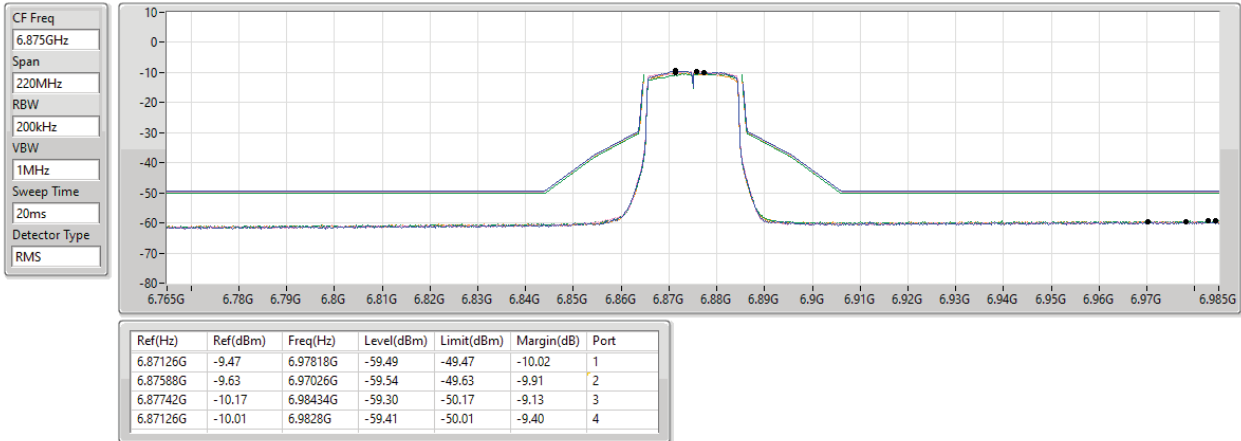


6.525-6.875GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

MASK

6875MHz_TX

10/04/2023

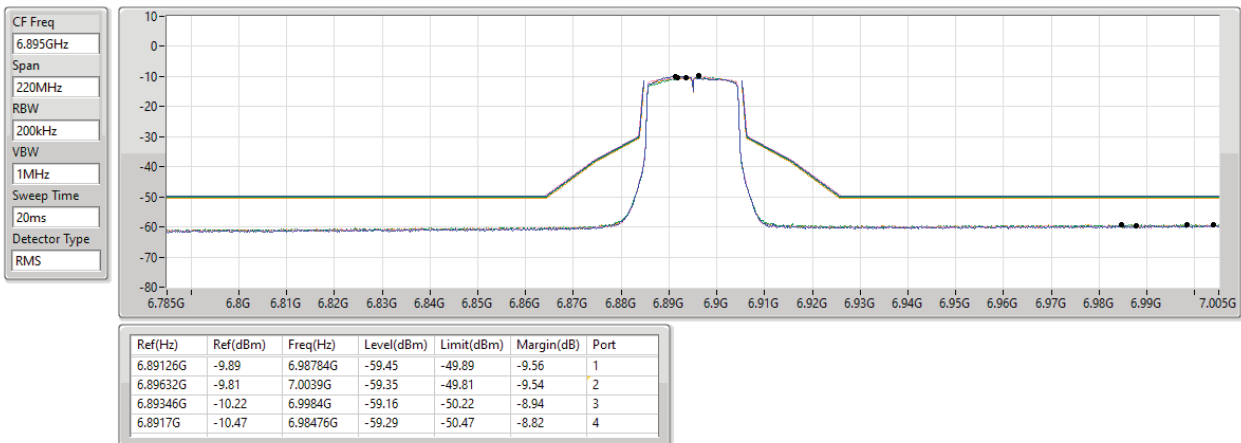


6.875-7.125GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

MASK

6895MHz_TX

10/04/2023

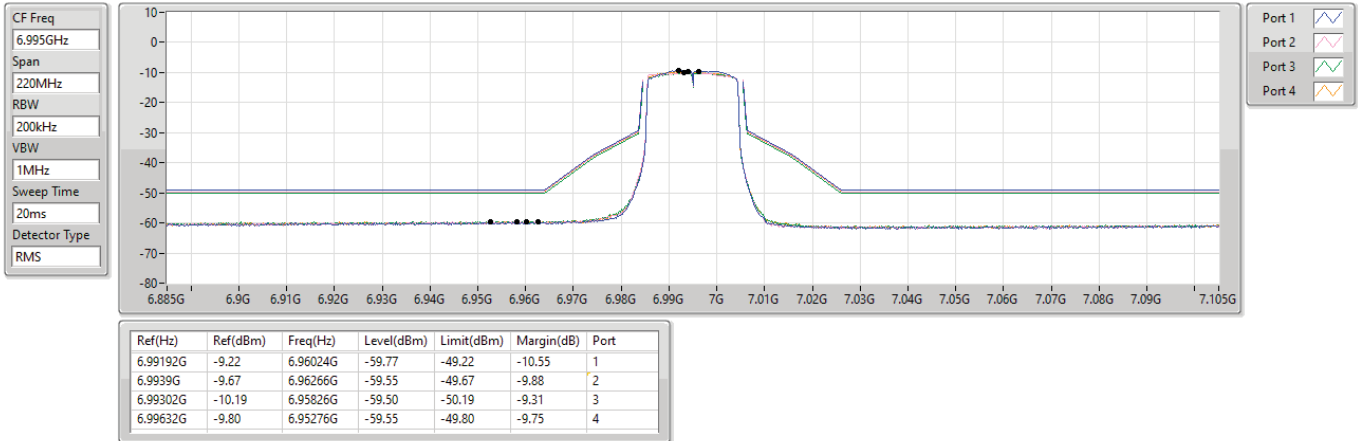


6.875-7.125GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

MASK

6995MHz_TX

10/04/2023

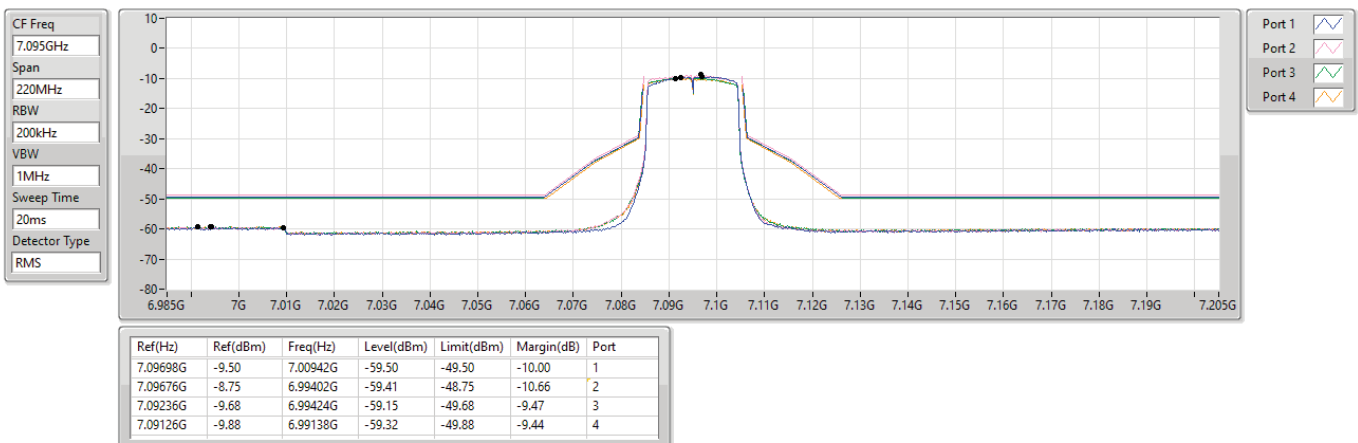


6.875-7.125GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

MASK

7095MHz_TX

10/04/2023

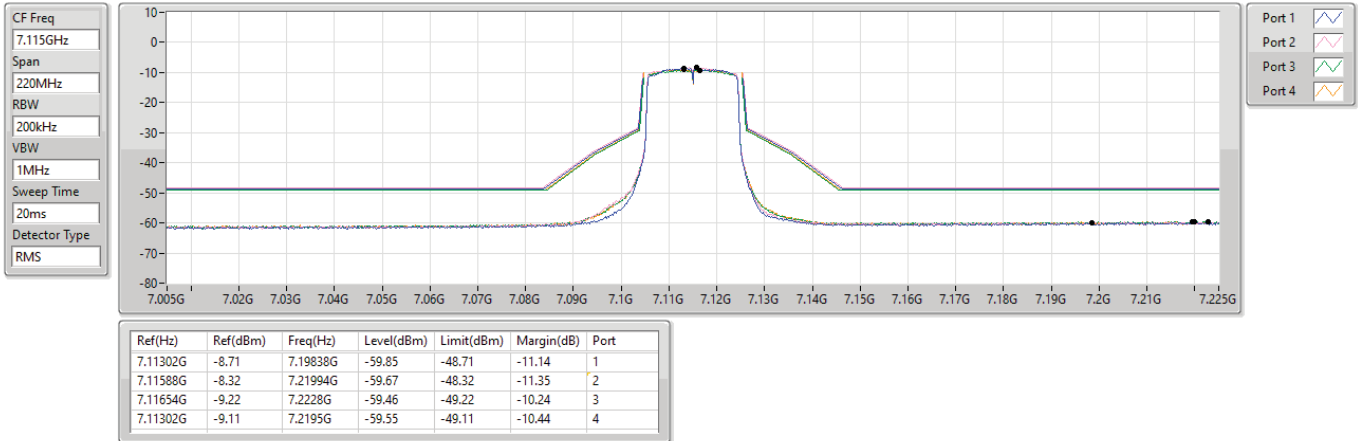


6.875-7.125GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

MASK

7115MHz_TX

10/04/2023

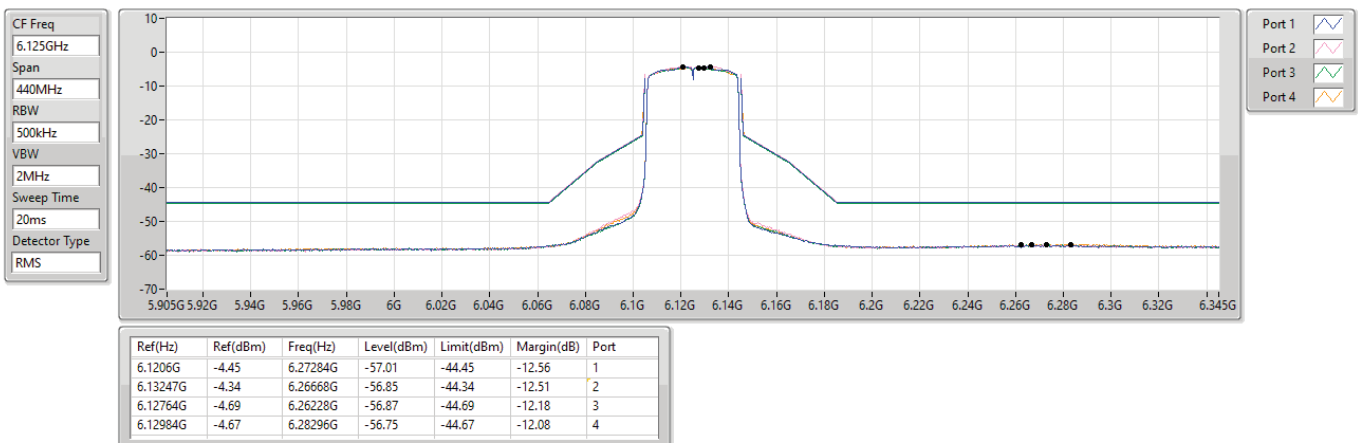


5.925-6.425GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

MASK

6125MHz_TX

12/04/2023



5.925-6.425GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

MASK

6285MHz_TX

12/04/2023

CF Freq
6.285GHz

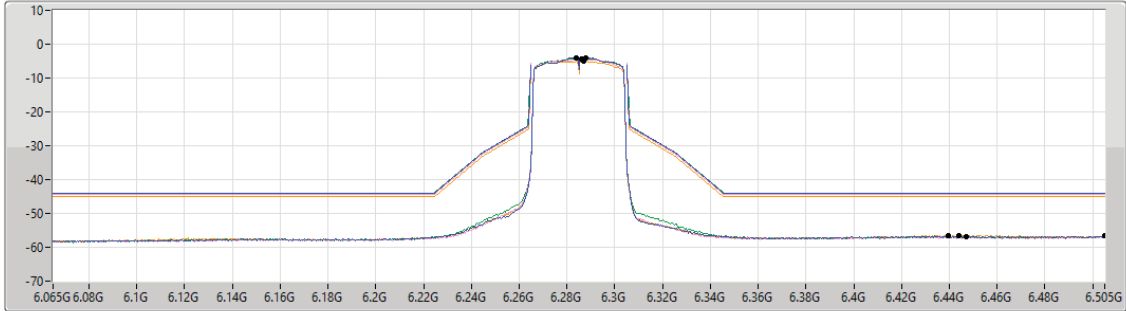
Span
440MHz

RBW
500kHz

VBW
2MHz

Sweep Time
20ms

Detector Type
RMS



Port 1 

Port 2 

Port 3 

Port 4 

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.28368G	-3.99	6.505G	-56.60	-43.99	-12.61	1
6.28632G	-4.43	6.44692G	-56.91	-44.43	-12.48	2
6.28808G	-4.20	6.43944G	-56.61	-44.20	-12.41	3
6.2872G	-5.10	6.44384G	-56.44	-45.10	-11.34	4

5.925-6.425GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

MASK

6405MHz_TX

10/04/2023

CF Freq
6.405GHz

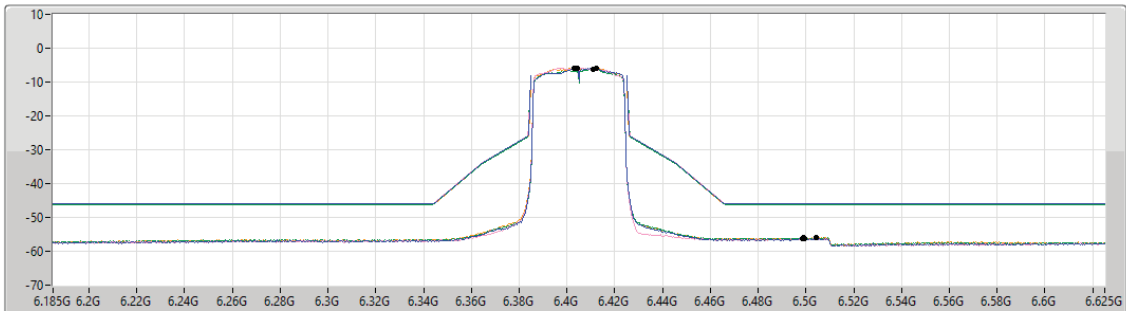
Span
440MHz

RBW
500kHz

VBW
2MHz

Sweep Time
20ms

Detector Type
RMS



Port 1 

Port 2 

Port 3 

Port 4 

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.41247G	-5.80	6.4996G	-56.17	-45.80	-10.37	1
6.40412G	-5.84	6.49872G	-56.27	-45.84	-10.43	2
6.41115G	-6.19	6.49916G	-55.96	-46.19	-9.77	3
6.4028G	-5.85	6.50444G	-55.98	-45.85	-10.13	4

6.425-6.525GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

MASK

6445MHz_TX

10/04/2023

CF Freq
6.445GHz

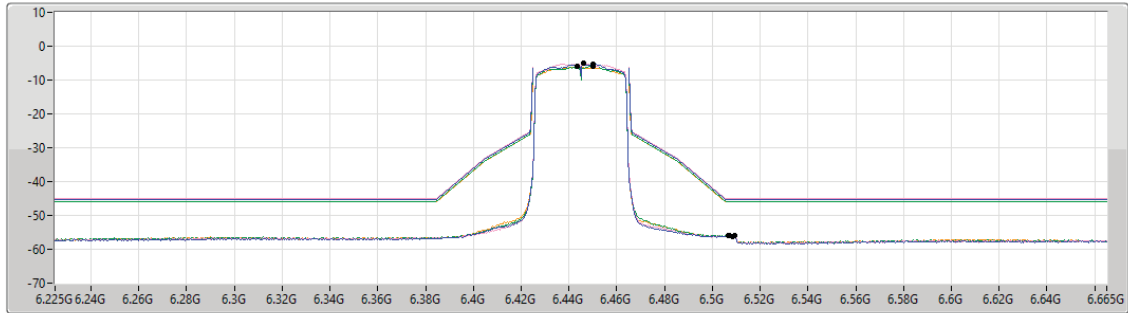
Span
440MHz

RBW
500kHz

VBW
2MHz

Sweep Time
20ms

Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.45027G	-5.39	6.50836G	-56.23	-45.39	-10.84	1
6.44632G	-5.14	6.5066G	-56.07	-45.14	-10.93	2
6.45027G	-5.94	6.50924G	-55.93	-45.94	-9.99	3
6.44324G	-5.94	6.50704G	-55.94	-45.94	-10.00	4

6.425-6.525GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

MASK

6485MHz_TX

10/04/2023

CF Freq
6.485GHz

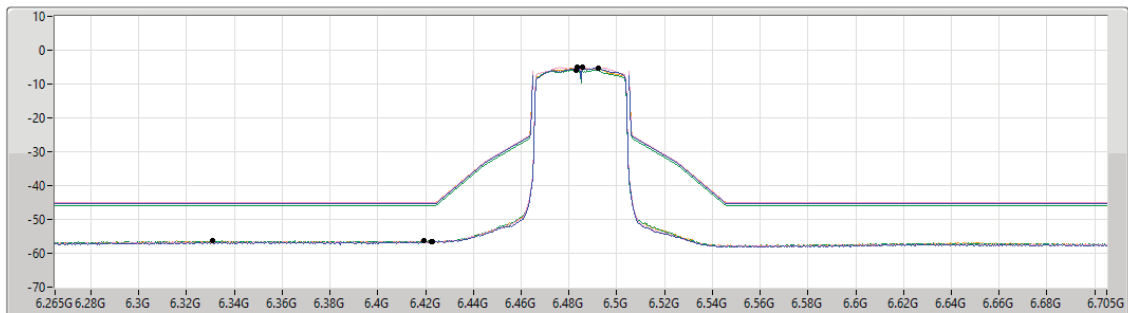
Span
440MHz

RBW
500kHz

VBW
2MHz

Sweep Time
20ms

Detector Type
RMS



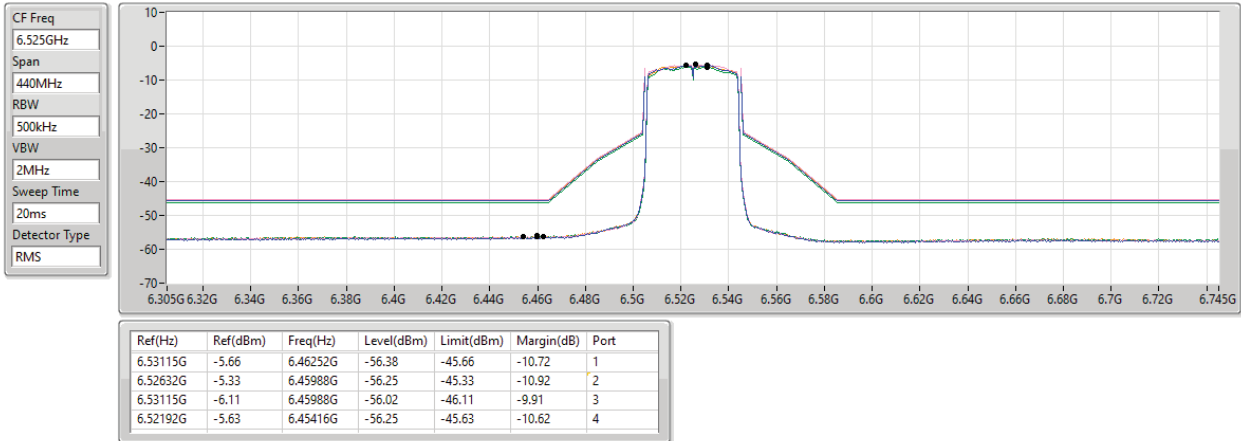
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.49247G	-5.27	6.42296G	-56.51	-45.27	-11.24	1
6.48588G	-5.05	6.42252G	-56.43	-45.05	-11.38	2
6.4828G	-5.92	6.41944G	-56.27	-45.92	-10.35	3
6.48324G	-5.10	6.331G	-56.18	-45.10	-11.08	4

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

MASK

6525MHz_TX

10/04/2023

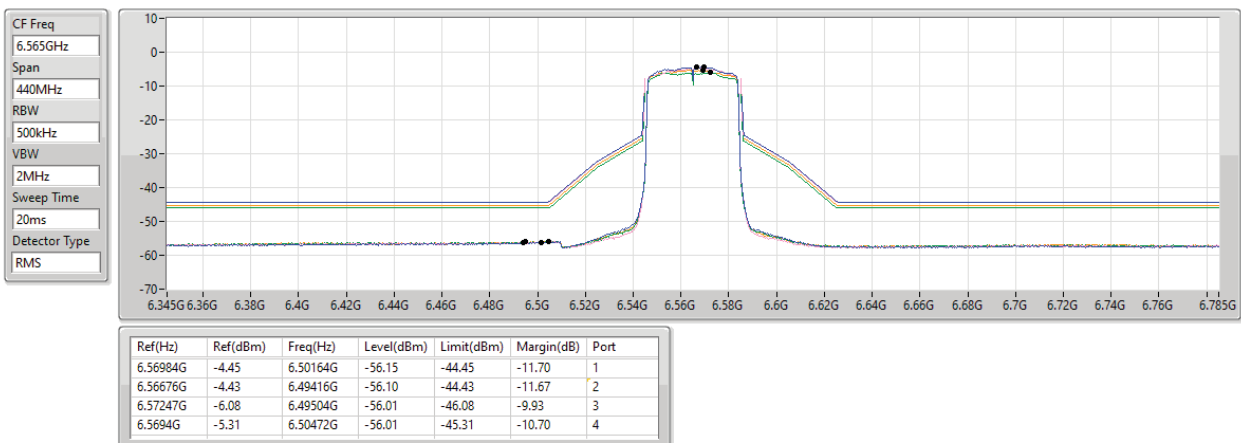


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

MASK

6565MHz_TX

10/04/2023



6.525-6.875GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

MASK

6685MHz_TX

10/04/2023

CF Freq
6.685GHz

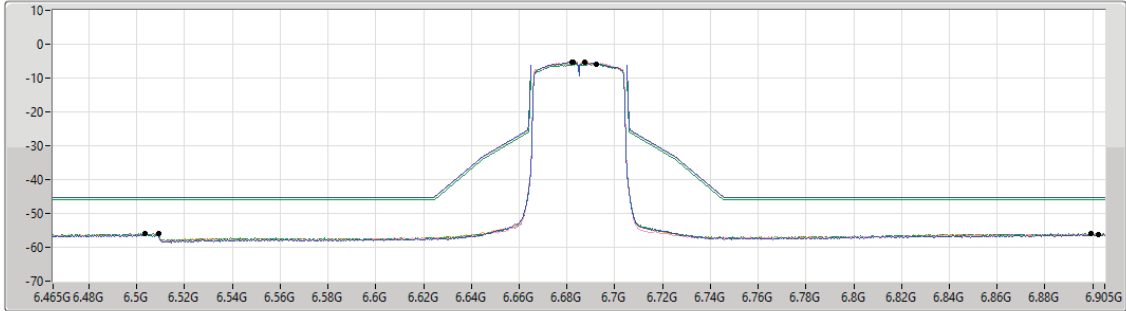
Span
440MHz

RBW
500kHz

VBW
2MHz

Sweep Time
20ms

Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.68236G	-5.26	6.90236G	-56.30	-45.26	-11.04	1
6.68764G	-5.40	6.89928G	-56.05	-45.40	-10.65	2
6.69247G	-5.94	6.50328G	-55.89	-45.94	-9.95	3
6.68192G	-5.25	6.50944G	-55.83	-45.25	-10.58	4

6.525-6.875GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

MASK

6885MHz_TX

10/04/2023

CF Freq
6.885GHz

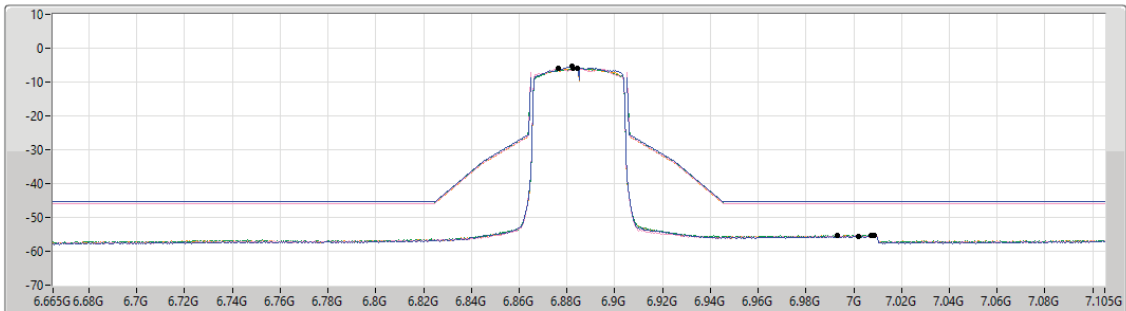
Span
440MHz

RBW
500kHz

VBW
2MHz

Sweep Time
20ms

Detector Type
RMS



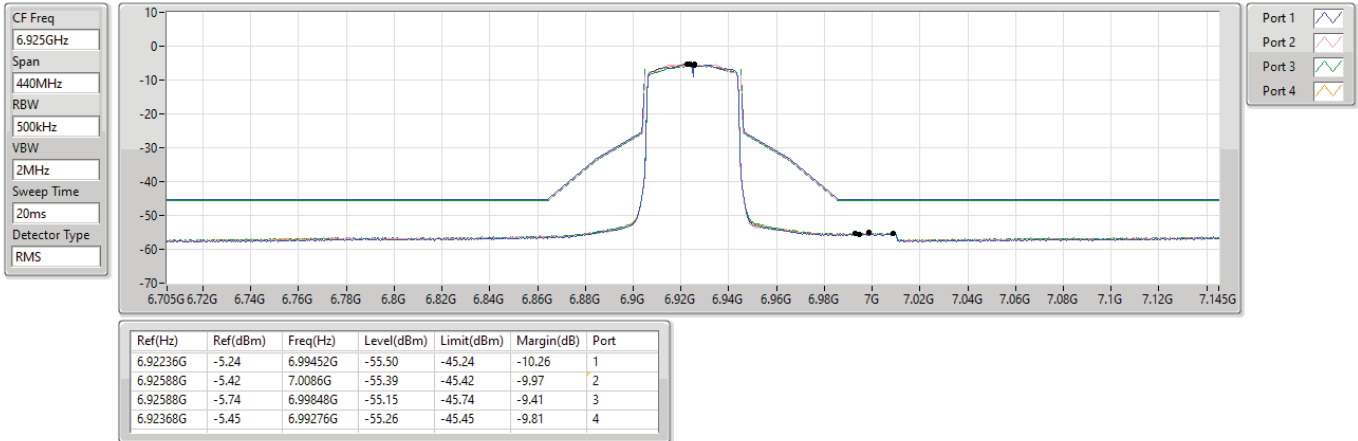
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.88192G	-5.45	7.00204G	-55.53	-45.45	-10.08	1
6.87621G	-6.00	7.00732G	-55.36	-46.00	-9.36	2
6.88412G	-5.97	7.00864G	-55.26	-45.97	-9.29	3
6.88236G	-6.08	6.99324G	-55.26	-46.08	-9.18	4

6.875-7.125GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

MASK

6925MHz_TX

10/04/2023

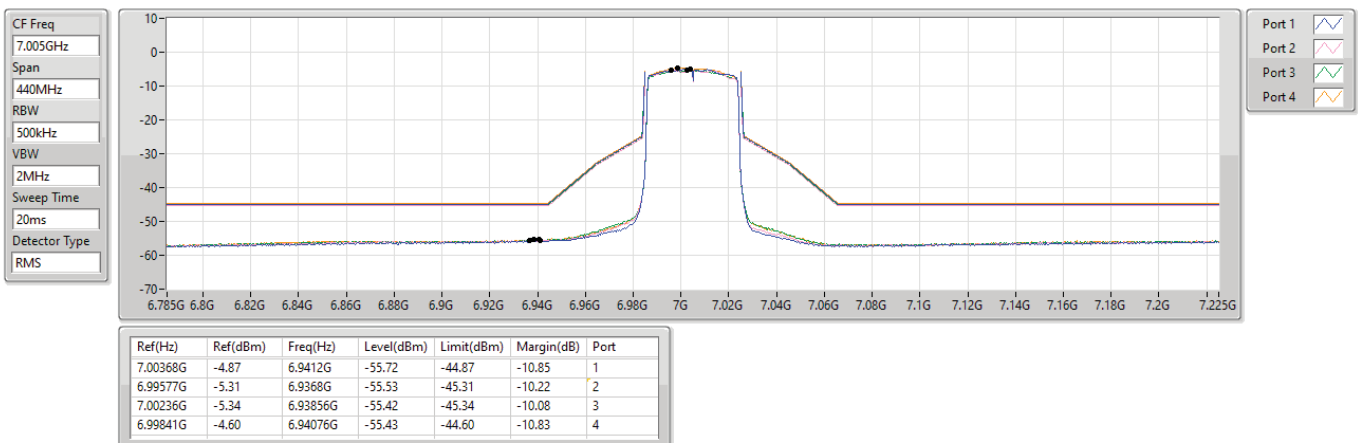


6.875-7.125GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

MASK

7005MHz_TX

10/04/2023

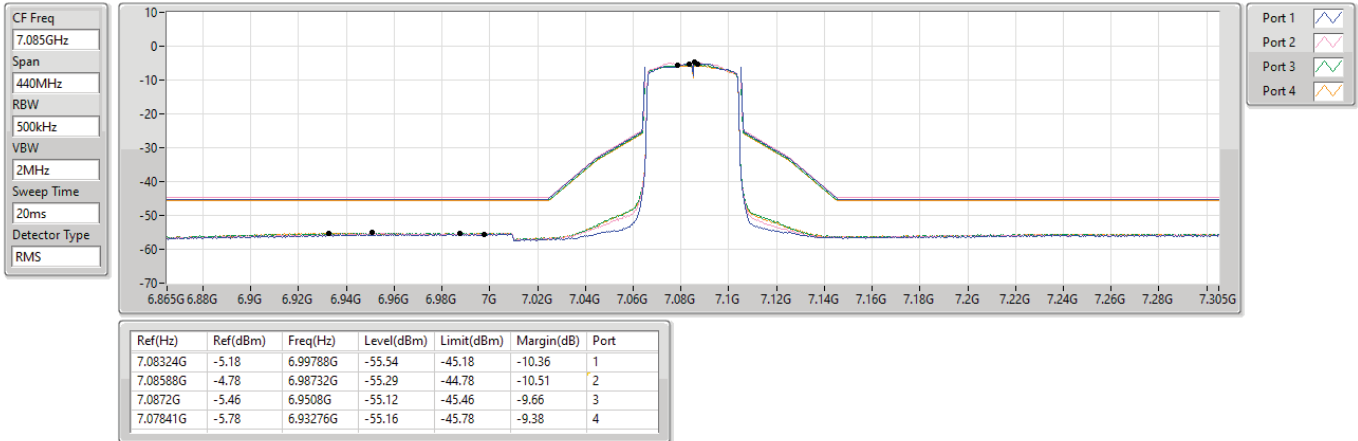


6.875-7.125GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

MASK

7085MHz_TX

10/04/2023

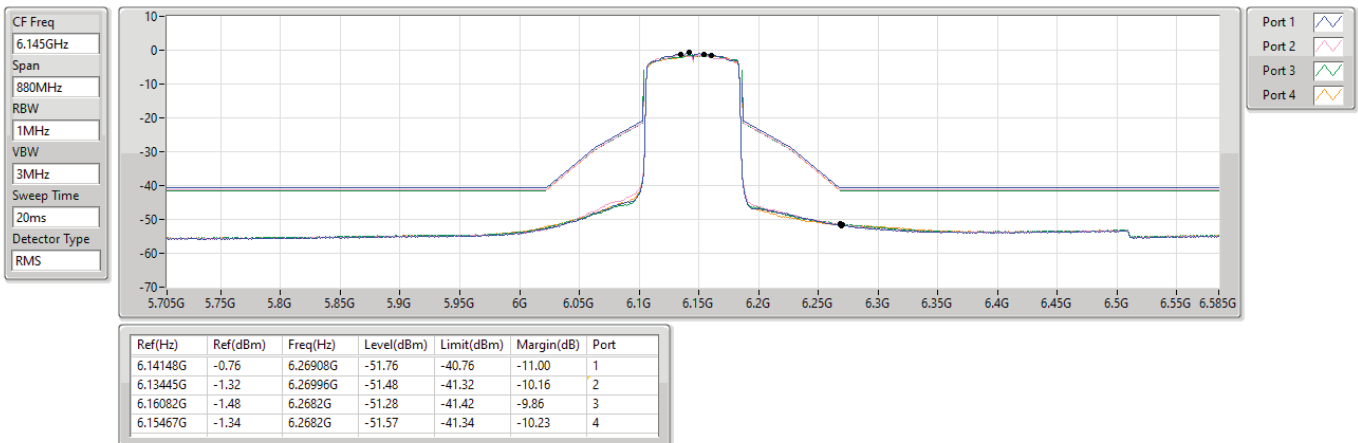


5.925-6.425GHz_802.11ax_HEW80_Nss1,(MCS0)_4TX

MASK

6145MHz_TX

10/04/2023

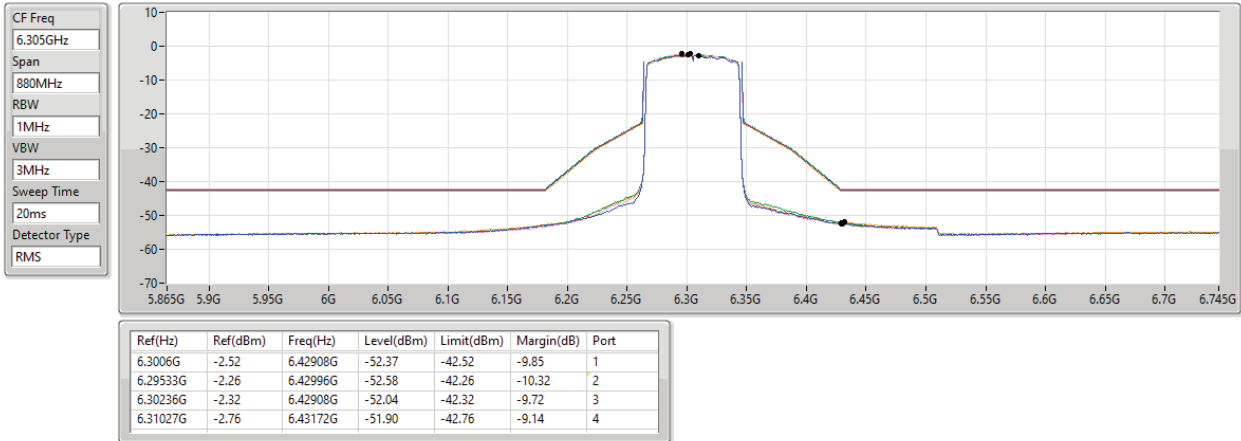


5.925-6.425GHz_802.11ax_HEW80_Nss1,(MCS0)_4TX

MASK

6305MHz_TX

12/04/2023

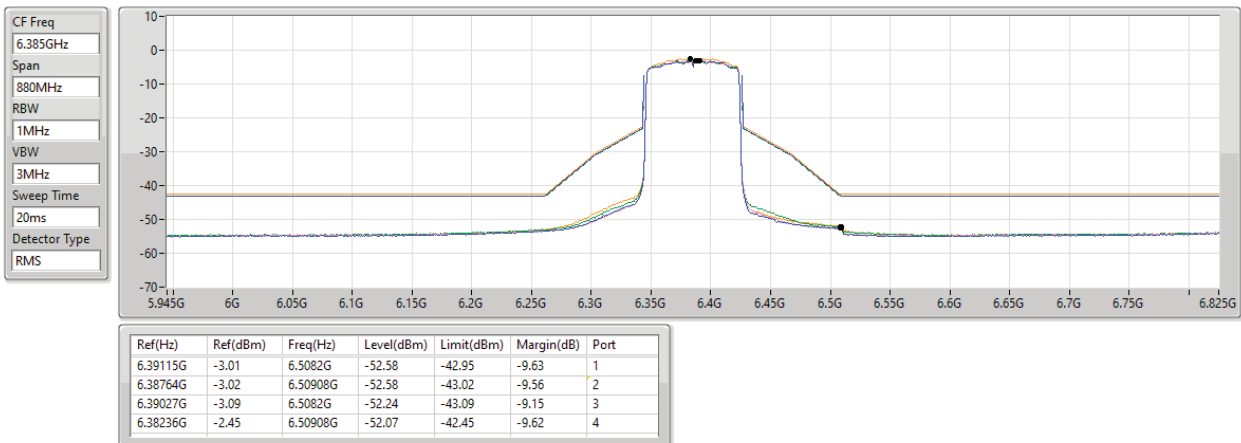


5.925-6.425GHz_802.11ax_HEW80_Nss1,(MCS0)_4TX

MASK

6385MHz_TX

10/04/2023

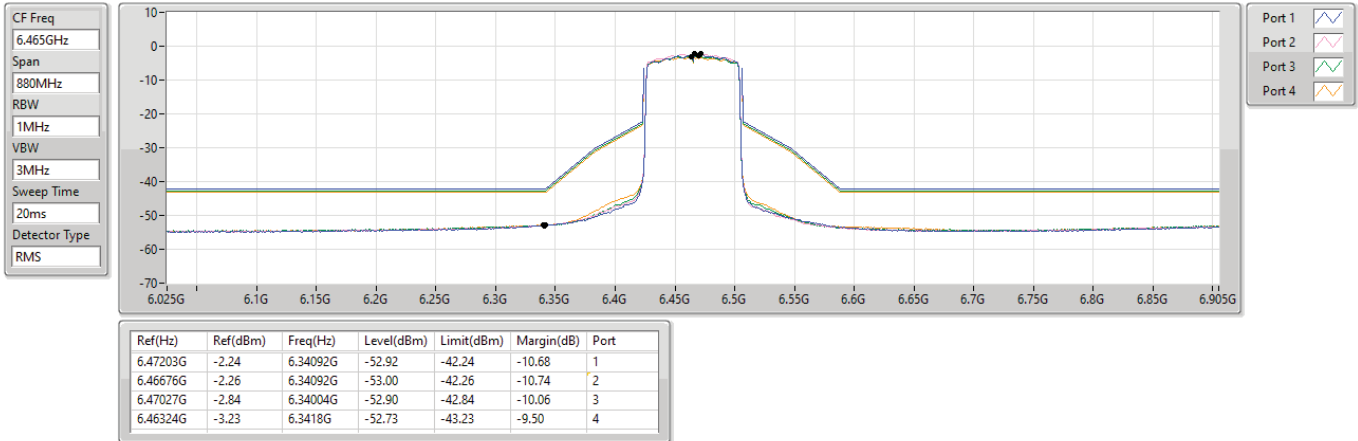


6.425-6.525GHz_802.11ax_HEW80_Nss1,(MCS0)_4TX

MASK

6465MHz_TX

10/04/2023

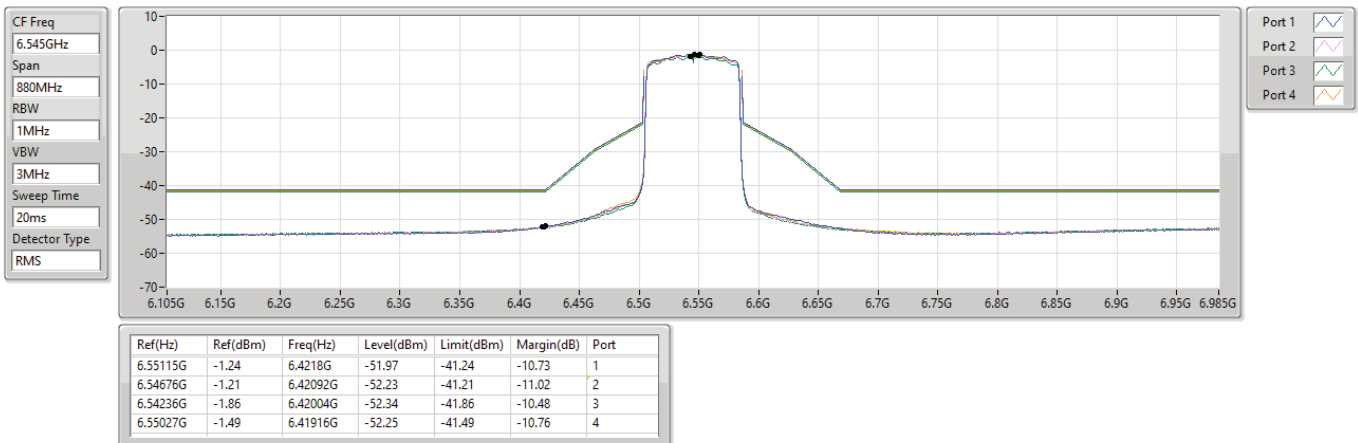


6.425-6.525GHz_802.11ax_HEW80_Nss1,(MCS0)_4TX

MASK

6545MHz_TX

10/04/2023

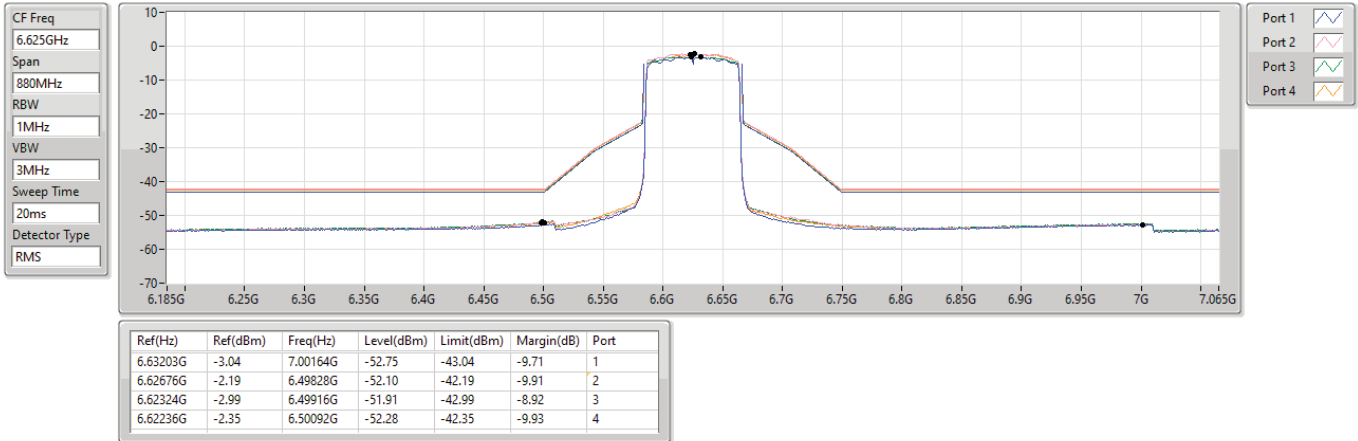


6.525-6.875GHz_802.11ax_HEW80_Nss1,(MCS0)_4TX

MASK

6625MHz_TX

10/04/2023

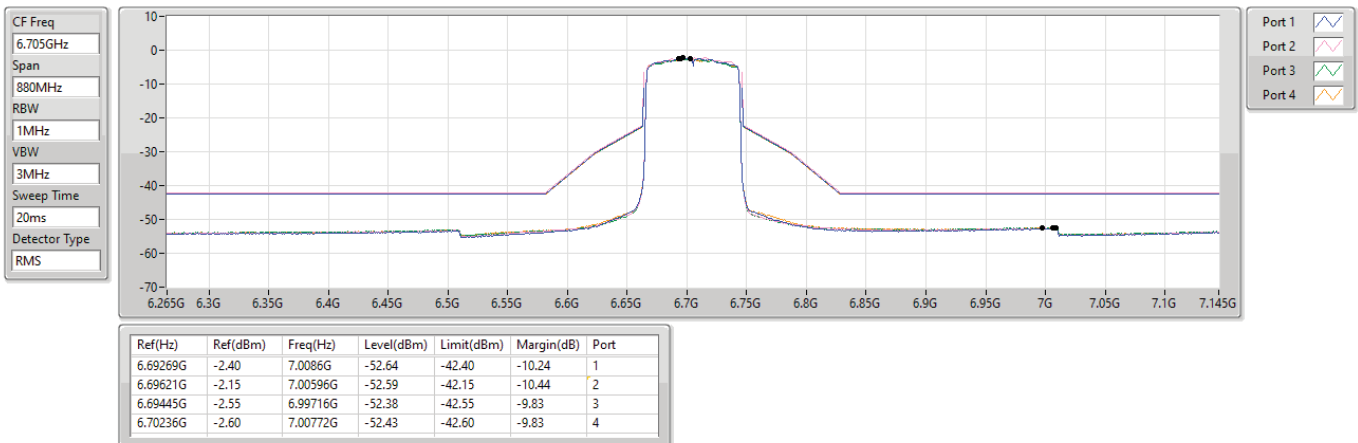


6.525-6.875GHz_802.11ax_HEW80_Nss1,(MCS0)_4TX

MASK

6705MHz_TX

10/04/2023

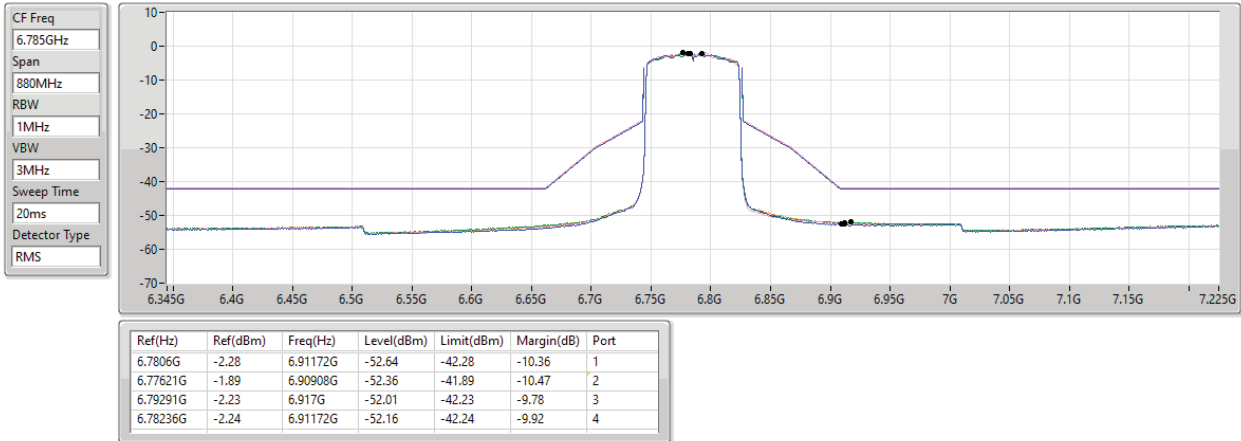


6.525-6.875GHz_802.11ax_HEW80_Nss1,(MCS0)_4TX

MASK

6785MHz_TX

10/04/2023

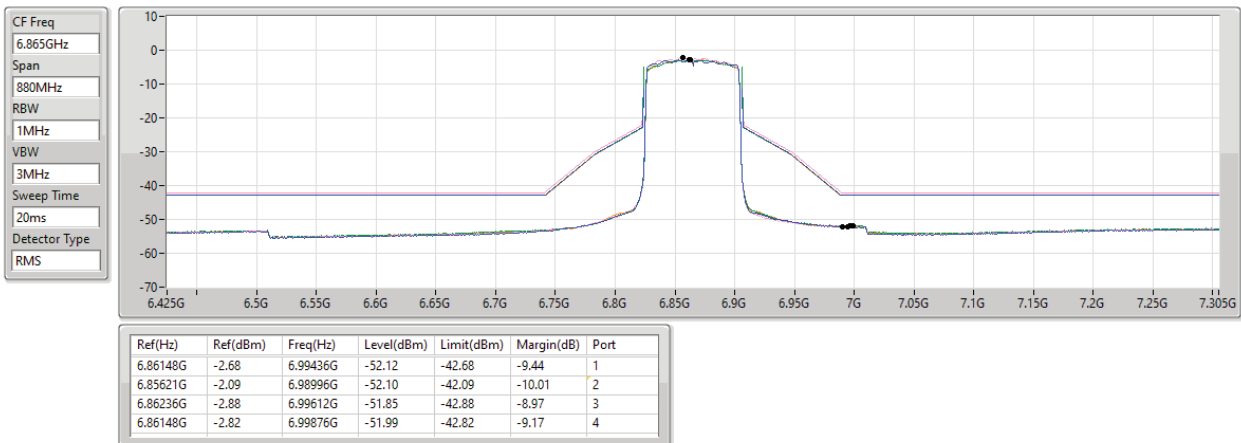


6.525-6.875GHz_802.11ax_HEW80_Nss1,(MCS0)_4TX

MASK

6865MHz_TX

10/04/2023

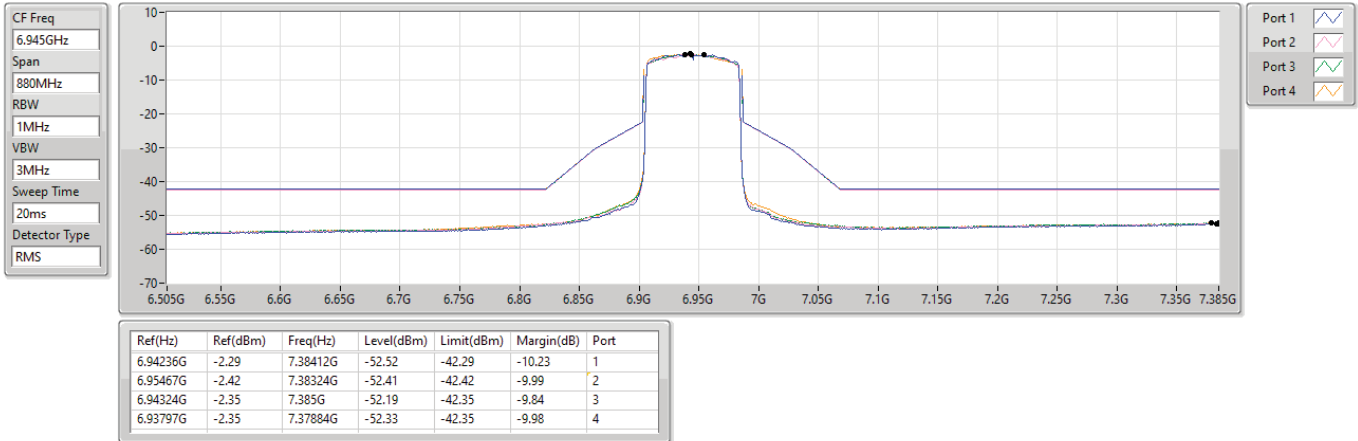


6.875-7.125GHz_802.11ax_HEW80_Nss1,(MCS0)_4TX

MASK

6945MHz_TX

10/04/2023

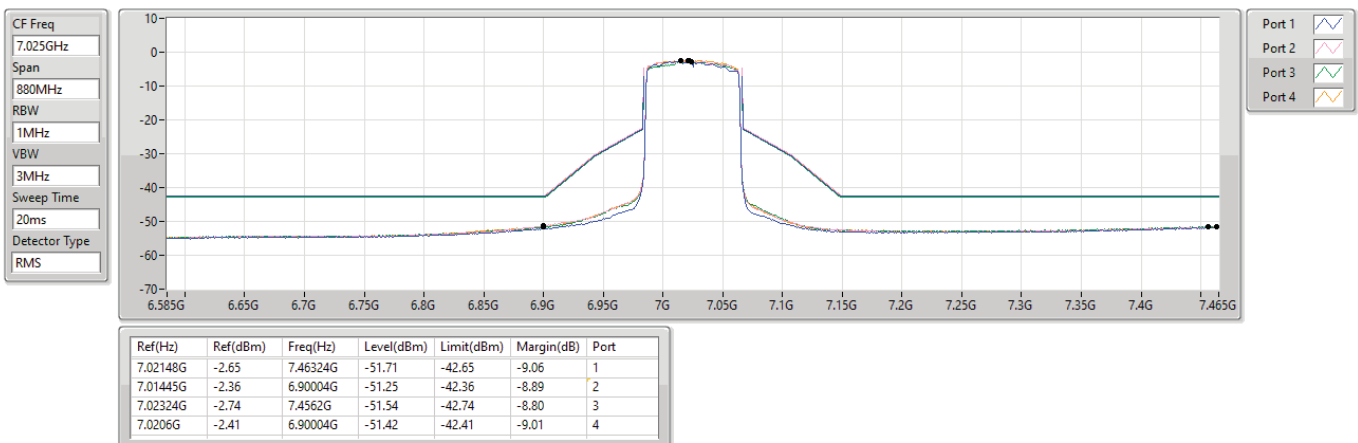


6.875-7.125GHz_802.11ax_HEW80_Nss1,(MCS0)_4TX

MASK

7025MHz_TX

10/04/2023

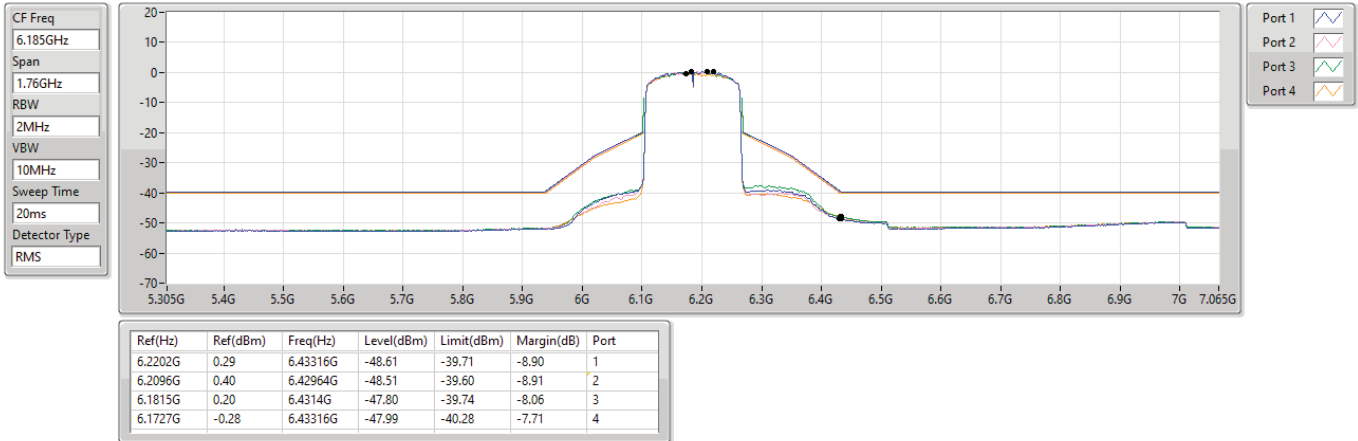


5.925-6.425GHz_802.11ax_HEW160_Nss1,(MCS0)_4TX

MASK

6185MHz_TX

10/04/2023

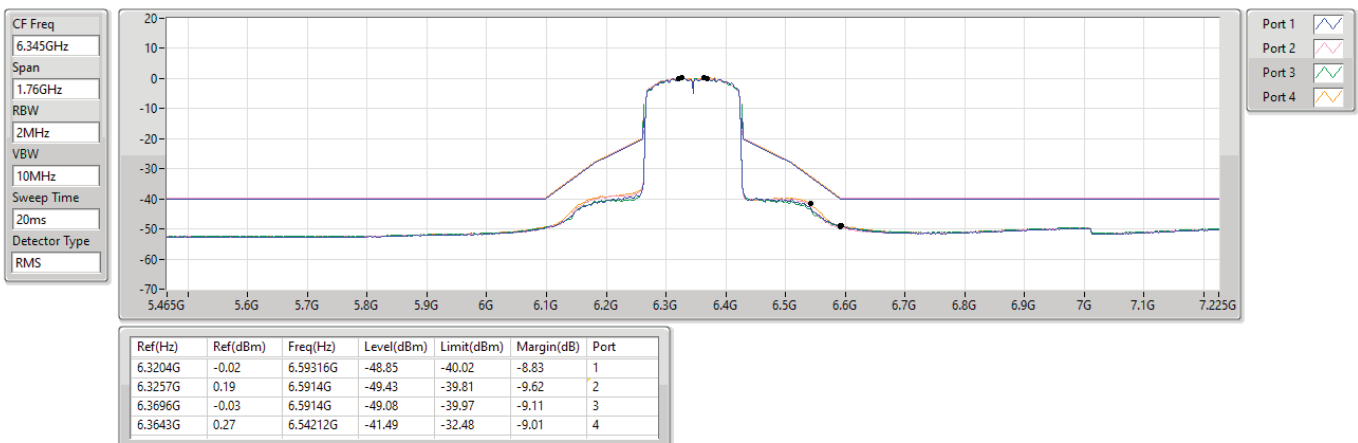


5.925-6.425GHz_802.11ax_HEW160_Nss1,(MCS0)_4TX

MASK

6345MHz_TX

10/04/2023

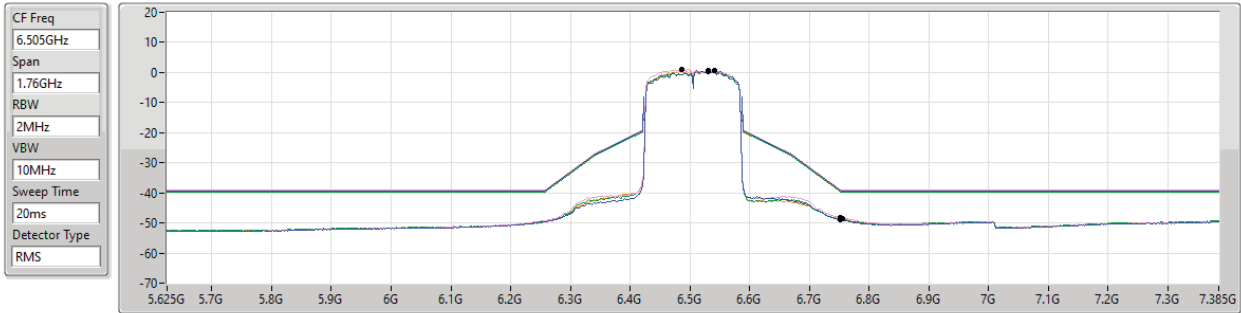


6.425-6.525GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

MASK

6505MHz_TX

10/04/2023



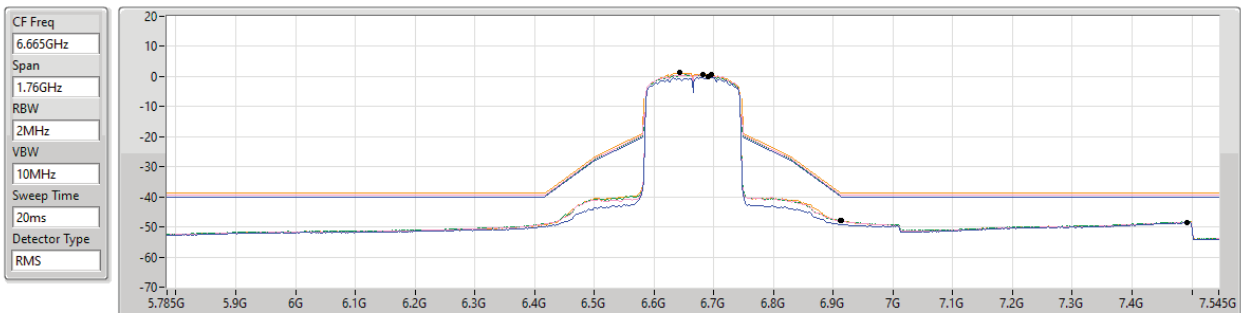
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.5314G	0.76	6.7514G	-48.94	-39.18	-9.76	1
6.4857G	1.04	6.7514G	-48.13	-38.96	-9.17	2
6.5314G	0.40	6.7514G	-48.83	-39.60	-9.23	3
6.5419G	0.65	6.75492G	-48.71	-39.35	-9.36	4

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

MASK

6665MHz_TX

10/04/2023



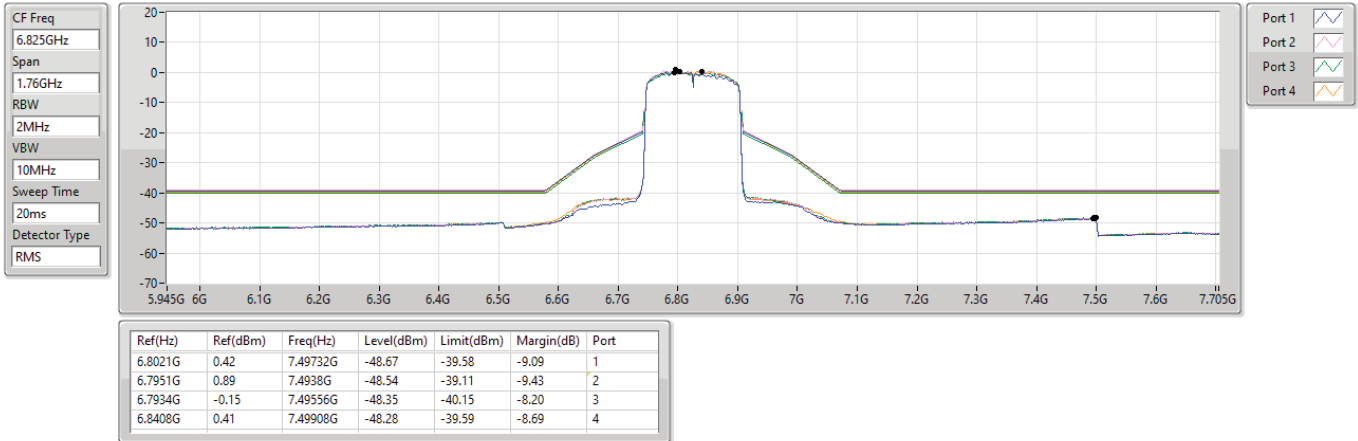
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.6914G	-0.13	7.4922G	-48.65	-40.13	-8.52	1
6.6966G	0.68	6.91316G	-47.98	-39.32	-8.66	2
6.6826G	0.57	6.9114G	-48.02	-39.43	-8.59	3
6.6421G	1.24	6.9114G	-47.86	-38.70	-9.16	4

6.525-6.875GHz_802.11ax_HEW160_Nss1,(MCS0)_4TX

MASK

6825MHz_TX

10/04/2023



6.875-7.125GHz_802.11ax_HEW160_Nss1,(MCS0)_4TX

MASK

6985MHz_TX

10/04/2023

