



FCC RADIO TEST REPORT

FCC ID : UDX-600214010
Equipment : Cisco Wireless 9172I Series Wi-Fi 7 Access Point
Brand Name : CISCO
Model Name : CW9172I
Applicant : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Manufacturer : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Standard : 47 CFR FCC Part 15.407

The product was received on Aug. 29, 2024, and testing was started from Sep. 08, 2024 and completed on Oct. 23, 2024. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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History of this test report

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: HE1-D1-1 Ver2.5
FCC ID: UDX-600214010

Page Number : 3 of 41
Issued Date : Jan. 07, 2025
Report Version : 01



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 Isotropically 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: Michelle Tsai



1 General Description

1.1 Information

Radio 3 (Scan radio) is only RX function.

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925 ~ 7125	ax (HEW20), be (EHT20)	5955 ~ 7115	1 ~ 233 [59]
5925 ~ 7125	ax (HEW40), be (EHT40)	5965 ~ 7085	3 ~ 227 [29]
5925 ~ 7125	ax (HEW80), be (EHT80)	5985 ~ 7025	7 ~ 215 [14]
5925 ~ 7125	ax (HEW160), be (EHT160)	6025 ~ 6985	15 ~ 207 [7]
5925 ~ 7125	ax HEW320), be (EHT320)	6105 ~ 6905	31 ~ 191 [6]

Non-Beamforming_Radio 2_1TX

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11be EHT20	20	1TX
6.425-6.525GHz	802.11be EHT20	20	1TX
6.525-6.875GHz	802.11be EHT20	20	1TX
6.875-7.125GHz	802.11be EHT20	20	1TX
5.925-6.425GHz	802.11be EHT40	40	1TX
6.425-6.525GHz	802.11be EHT40	40	1TX
6.525-6.875GHz	802.11be EHT40	40	1TX
6.875-7.125GHz	802.11be EHT40	40	1TX
5.925-6.425GHz	802.11be EHT80	80	1TX
6.425-6.525GHz	802.11be EHT80	80	1TX
6.525-6.875GHz	802.11be EHT80	80	1TX
6.875-7.125GHz	802.11be EHT80	80	1TX
5.925-6.425GHz	802.11be EHT160	160	1TX
6.425-6.525GHz	802.11be EHT160	160	1TX
6.525-6.875GHz	802.11be EHT160	160	1TX
6.875-7.125GHz	802.11be EHT160	160	1TX
5.925-6.425GHz	802.11be EHT320	320	1TX
6.425-6.525GHz	802.11be EHT320	320	1TX
6.525-6.875GHz	802.11be EHT320	320	1TX

**Non-Beamforming_Radio 2_2TX**

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11be EHT20	20	2TX
6.425-6.525GHz	802.11be EHT20	20	2TX
6.525-6.875GHz	802.11be EHT20	20	2TX
6.875-7.125GHz	802.11be EHT20	20	2TX
5.925-6.425GHz	802.11be EHT40	40	2TX
6.425-6.525GHz	802.11be EHT40	40	2TX
6.525-6.875GHz	802.11be EHT40	40	2TX
6.875-7.125GHz	802.11be EHT40	40	2TX
5.925-6.425GHz	802.11be EHT80	80	2TX
6.425-6.525GHz	802.11be EHT80	80	2TX
6.525-6.875GHz	802.11be EHT80	80	2TX
6.875-7.125GHz	802.11be EHT80	80	2TX
5.925-6.425GHz	802.11be EHT160	160	2TX
6.425-6.525GHz	802.11be EHT160	160	2TX
6.525-6.875GHz	802.11be EHT160	160	2TX
6.875-7.125GHz	802.11be EHT160	160	2TX
5.925-6.425GHz	802.11be EHT320	320	2TX
6.425-6.525GHz	802.11be EHT320	320	2TX
6.525-6.875GHz	802.11be EHT320	320	2TX

**Beamforming_Radio 2**

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11be EHT20-BF	20	2TX
6.425-6.525GHz	802.11be EHT20-BF	20	2TX
6.525-6.875GHz	802.11be EHT20-BF	20	2TX
6.875-7.125GHz	802.11be EHT20-BF	20	2TX
5.925-6.425GHz	802.11be EHT40-BF	40	2TX
6.425-6.525GHz	802.11be EHT40-BF	40	2TX
6.525-6.875GHz	802.11be EHT40-BF	40	2TX
6.875-7.125GHz	802.11be EHT40-BF	40	2TX
5.925-6.425GHz	802.11be EHT80-BF	80	2TX
6.425-6.525GHz	802.11be EHT80-BF	80	2TX
6.525-6.875GHz	802.11be EHT80-BF	80	2TX
6.875-7.125GHz	802.11be EHT80-BF	80	2TX
5.925-6.425GHz	802.11be EHT160-BF	160	2TX
6.425-6.525GHz	802.11be EHT160-BF	160	2TX
6.525-6.875GHz	802.11be EHT160-BF	160	2TX
6.875-7.125GHz	802.11be EHT160-BF	160	2TX
5.925-6.425GHz	802.11be EHT320-BF	320	2TX
6.425-6.525GHz	802.11be EHT320-BF	320	2TX
6.525-6.875GHz	802.11be EHT320-BF	320	2TX

Note:

- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80, EHT160 and EHT320 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ The channel defined in the IEEE Standard P802.11ax™/D6.1.
- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only due to the similar modulation. The power setting of HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160.

**1.1.2 Antenna Information**

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Sercomm	6172004VJHDB1H	PIFA	I-Pex	2.4G	Radio1
					5G	Radio 2
2	Sercomm	6172004VJHDB2V	PIFA	I-Pex	2.4G	Radio1
					5G	Radio 2
3	Sercomm	6172004VJH561H	PIFA	I-Pex	5G/6G	Radio 2
4	Sercomm	6172004VJH562V	PIFA	I-Pex		
5	Sercomm	6172004VJHSC1V	PIFA	I-Pex	2.4G/5G/6G	Scan Radio 3 (RX)
6	Sercomm	6172004VJHSC2V	PIFA	I-Pex		
7	Sercomm	6172004VJHBLEV	PIFA	I-Pex	BT	Radio 4

Ant.	Port	Gain (dBi)									
		2.4G	5G				6G				BT
			UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	
1	1	3.78	3.45	2.71	4.22	3.86	-	-	-	-	-
2	2	4.06	3.44	3.37	4.88	4.62	-	-	-	-	-
3	3	-	5.26	5.46	5.47	4.92	6.23	5.81	5.59	5.80	-
4	4	-	4.03	5.09	4.08	4.73	4.68	3.89	3.74	4.66	-
5	1	2.4	2.87	2.96	3.08	2.71	3.61	3.17	4.38	3.32	-
6	2	2.3	3.24	3.56	3.46	3.18	3.96	4.12	3.98	4.08	-
7	1	-	-	-	-	-	-	-	-	-	2.23

Composite Gain (dBi)										
Wi-Fi Mode	2.4G		5G							
	Radio 1_2TX		Radio 2_2TX				Radio 2_4TX			
			UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-1	UNII-2A	UNII-2C	UNII-3
DG [1SS]	4.65		4.96	5.14	5.8	6.03	6.76	6.31	6.67	6.69
DG [2SS]	4.06		3.45	3.37	4.88	4.62	5.26	5.46	5.47	4.92
DG [4SS]	-		-	-	-	-	5.26	5.46	5.47	4.92

Composite Gain (dBi)				
6G Radio 2_2TX				
Wi-Fi Mode	UNII-5	UNII-6	UNII-7	UNII-8
DG [1SS]	6.84	7.04	6.2	6.56
DG [2SS]	6.23	5.81	5.59	5.8



Note 1: The EUT has seven antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v01 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP470202-01.

For 2.4GHz function:

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

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

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

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

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

Ant. 5 (port 1) and Ant. 6 (port 2) could receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax/be mode (1TX/1RX) (Radio 2)

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

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

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

For IEEE 802.11 a/n/ac/ax/be mode (4TX/4RX) (Radio 2)

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

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

Ant. 5 (port 1) and Ant. 6 (port 2) could receive simultaneously.

For BT function:

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

Ant. 7 (port 1) could transmit/receive.

For 6GHz function:

For IEEE 802.11 ax/be mode (1TX/1RX) (Radio 2)

Ant. 3 (port 3) could transmit/receive.

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

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

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

Ant. 5 (port 1) and Ant. 6 (port 2) could receive simultaneously.



1.1.3 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter / 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	☒	Full RU	☐ Partial RU
	☐	MRU(static preamble puncturing)	☐ MRU(dynamic preamble puncturing)
Channel Puncturing	☐	Support	☒ Not support
Software / Firmware Version for CBP		Cisco: Linux version 5.4.243 (nhsiao@sjc-ads-9183) (gcc version 7.5.0 (OpenWrt GCC 7.5.0 r48430)) #3 SMP Mon Aug 12 17:13:18 PDT 20 Meraki: T-202410111514-G0ad3538ff431-L2b20c73e143c-jenkins-jtrauge r-external	
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_Radio 2_1TX

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss1,(MCS0)_1TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_1TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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

Non-Beamforming_Radio 2_2TX

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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

Beamforming_Radio 2

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.949	0.23	2.959m	500
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.946	0.24	3.676m	300
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.961	0.17	3.858m	300
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.950	0.22	3.858m	300
802.11be EHT320-BF_Nss1,(MCS0)_2TX	0.955	0.2	3.948m	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 v03
- ♦ KDB 987594 D02 v03
- ♦ KDB 662911 D01 v02r01
- ♦ KDB 662911 D03 v01
- ♦ 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	22.1~23.6°C / 53~58%	02/Oct/2024
Radiated (Co-location)	03CH02-HY	Vasari Huang	23.5~25.2°C / 52~55%	23/Sep/2024
Contention Based Protocol (For Cisco)	DFS01-HY	Wayne Lin	21.3~24.5°C / 55~58%	27/Sep/2024
Contention Based Protocol (For Meraki)	DFS03-HY	CHUN-YI WU	22.7~24.5°C / 60~67%	23/Oct/2024
☒	Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)		
		TEL: 886-3-327-0868		
	Test site Designation No. TW0036 with FCC.			
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Johnny Yu	21.3~23.4°C / 56~58%	11/Sep/2024~27/Sep/2024
Radiated (Non-Beamforming) (Below 1G)	03CH24-HY	AndyWang	21.5~22.4°C / 58~61%	11/Sep/2024~19/Sep/2024
Radiated (Non-Beamforming) (Above 1G-1TX)	03CH26-HY	Jack Tang	20.7~22.1°C / 56~61%	23/Sep/2024~02/Oct/2024
Radiated (Non-Beamforming) (Above 1G-2TX)	03CH26-HY	Jack Tang	21.5~22.2°C / 58~62%	08/Sep/2024~16/Sep/2024
Radiated (Beamforming)	03CH26-HY	Jack Tang	20.7~22.1°C / 56~62%	17/Sep/2024~04/Oct/2024



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

Non-Beamforming_Radio 2_1TX

Test Software Version	qdart_conn.win.1.0_installer_00099.1
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Mode	Power Setting
802.11be EHT20_Nss1,(MCS0)_1TX	-
5955MHz	14
6195MHz	14.5
6415MHz	15
6435MHz	15.5
6475MHz	15.5
6515MHz	16
6535MHz	16
6695MHz	17
6875MHz	19
6895MHz	17.5
6995MHz	19.5
7095MHz	19.5
7115MHz	10.5
802.11be EHT40_Nss1,(MCS0)_1TX	-
5965MHz	17.5
6205MHz	17.5
6405MHz	18.5
6445MHz	18.5
6485MHz	18.5
6525MHz	19
6565MHz	19.5
6685MHz	19
6885MHz	19.5
6925MHz	22
7005MHz	22
7085MHz	21
802.11be EHT80_Nss1,(MCS0)_1TX	-
5985MHz	20
6225MHz	20.5
6385MHz	20.5
6465MHz	21
6545MHz	21.5
6625MHz	22



6705MHz	22
6785MHz	22
6865MHz	22
6945MHz	22
7025MHz	22
802.11be EHT160_Nss1,(MCS0)_1TX	-
6025MHz	21.5
6185MHz	21.5
6345MHz	22
6505MHz	21.5
6665MHz	22
6825MHz	21
6985MHz	22
802.11be EHT320_Nss1,(MCS0)_1TX	-
6105MHz	22
6265MHz	21.5
6425MHz	21.5
6585MHz	21.5
6745MHz	21
6905MHz	21

**Non-Beamforming_Radio 2_2TX**

Test Software Version	qdart_conn.win.1.0_installer_00099.1
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Mode	Power Setting
802.11be EHT20_Nss1,(MCS0)_2TX	-
5955MHz	13.5
6195MHz	12.5
6415MHz	13.5
6435MHz	13.5
6475MHz	13
6515MHz	12.5
6535MHz	12.5
6695MHz	12.5
6875MHz	12
6895MHz	12
6995MHz	12
7095MHz	12
7115MHz	4.5
802.11be EHT40_Nss1,(MCS0)_2TX	-
5965MHz	16.5
6205MHz	15.5
6405MHz	16.5
6445MHz	16.5
6485MHz	16.5
6525MHz	16
6565MHz	15.5
6685MHz	16
6885MHz	15.5
6925MHz	16
7005MHz	15.5
7085MHz	15.5
802.11be EHT80_Nss1,(MCS0)_2TX	-
5985MHz	19
6225MHz	18
6385MHz	19.5
6465MHz	18.5
6545MHz	18.5
6625MHz	18.5
6705MHz	18
6785MHz	18.5
6865MHz	18.5
6945MHz	18
7025MHz	18



802.11be EHT160_Nss1,(MCS0)_2TX	-
6025MHz	21.5
6185MHz	21
6345MHz	21.5
6505MHz	21
6665MHz	21
6825MHz	21
6985MHz	20.5
802.11be EHT320_Nss1,(MCS0)_2TX	-
6105MHz	21.5
6265MHz	21
6425MHz	21.5
6585MHz	21.5
6745MHz	21
6905MHz	19

**Beamforming_Radio 2**

Test Software Version	Dos V6.1
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Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5955MHz	12
6195MHz	13
6415MHz	13
6435MHz	12
6475MHz	13
6515MHz	13
6535MHz	12
6695MHz	13
6875MHz	13
6895MHz	13
6995MHz	14
7095MHz	14
7115MHz	13
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5965MHz	17
6205MHz	15
6405MHz	16
6445MHz	17
6485MHz	17
6525MHz	15
6565MHz	16
6685MHz	17
6885MHz	17
6925MHz	17
7005MHz	15
7085MHz	15
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5985MHz	21
6225MHz	19
6385MHz	19
6465MHz	21
6545MHz	21
6625MHz	20
6705MHz	20
6785MHz	18
6865MHz	19
6945MHz	18
7025MHz	20



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802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
6025MHz	19
6185MHz	22
6345MHz	21
6505MHz	21
6665MHz	22
6825MHz	20
6985MHz	21
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-
6105MHz	21
6265MHz	22
6425MHz	22
6585MHz	22
6745MHz	22
6905MHz	20

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/CRX
1	PoE Mode

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.) Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX/CRX		
1	PoE Mode		
Operating Mode > 1GHz	CTX/CRX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V (R2-1TX)		V (R2-2TX)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link or CTX
1	Radio 1: WLAN 2.4G (2*2) + Radio 2: WLAN 5G (2*2) + Radio 2: WLAN 6G (2*2) + Bluetooth
Refer to Sporton Test Report No.: FA470202-01AA for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	



2.3 Accessories

Accessories				
Wall Mount	Brand Name	CISCO	Model Name	69-2160-04
Ceiling	Brand Name	CISCO	Model Name	800-26066-03

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	AC power cable	Power sync	PW-GPC180-3	-	-
2	PoE	PHIHONG	POE29U-1AT(PL)	-	Provided by Customer

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	PoE	Microsemi	PD-9001GR/AT/AC	-	Provided by Customer

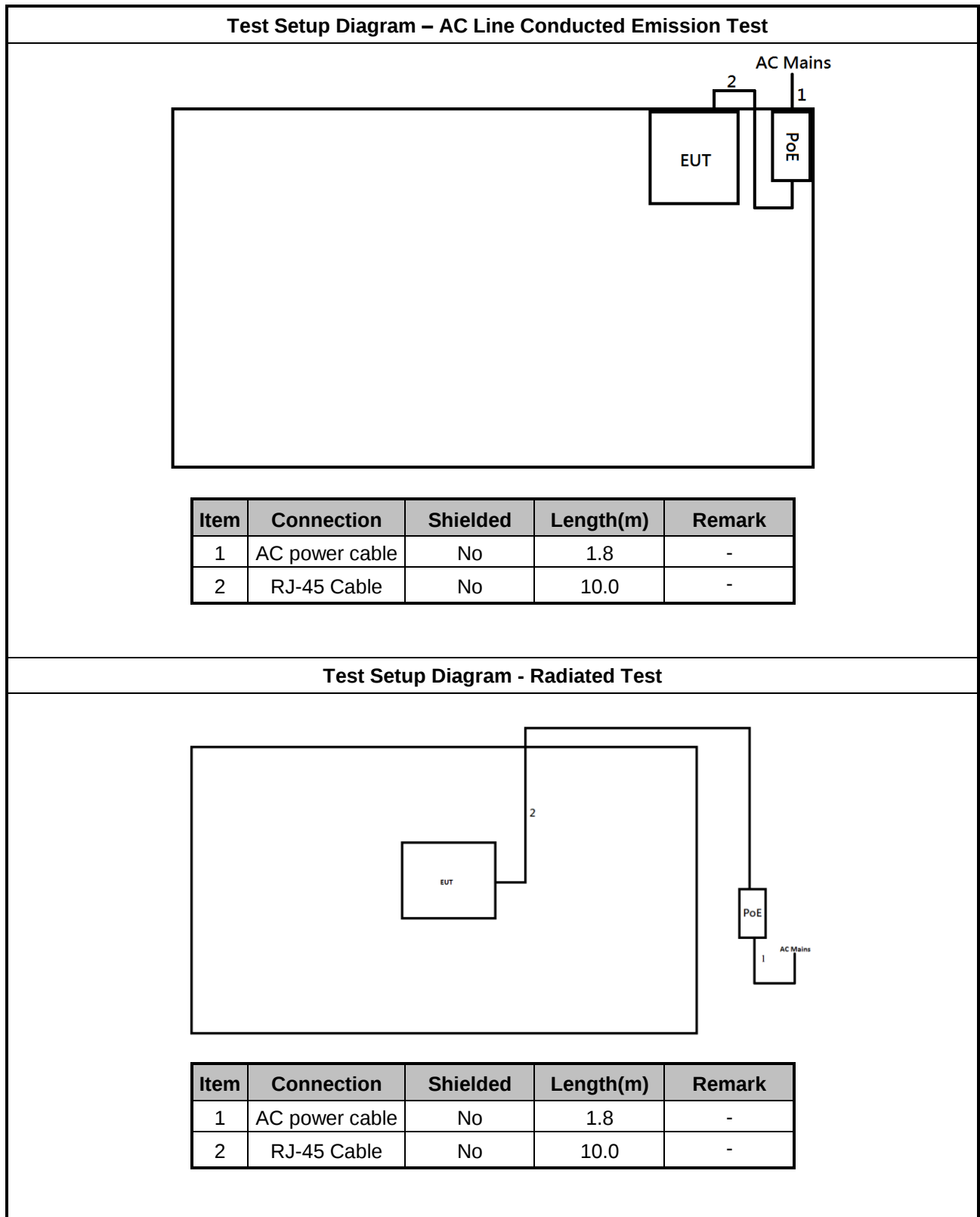
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	PoE	PHIHONG	POE29U-1AT(PL)	-	Provided by Customer
2	AC power cable	Power sync	PW-GPC180-3	-	-

Support Equipment – Contention Based Protocol (For Cisco)					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	Latitude E5550	-	-
2	Notebook	DELL	Latitude E5570	-	-
3	Monitor	BenQ	CL2230	-	-
4	AC Adapter	FSP	FSD050-DWAA1	-	Provided by Customer
5	PoE	PHIHONG	POE29U-1AT	-	Provided by Customer
6	Client(Slave)	CISCO	Hornet T0	-	-



Support Equipment – Contention Based Protocol (For Meraki)					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Client(slave)	HP	HSTNN-I42C	-	-
2	Shielding Box	EMEC	EM-SHB-650550300-M	-	-
3	Notebook	DELL	Latitude E5550	-	-
4	AC Adapter	FSP	FSP050-DWAA1	-	Provided by Customer
5	AP	ASUS	RT-AX88U pro	-	-

2.5 Test Setup Diagram





3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

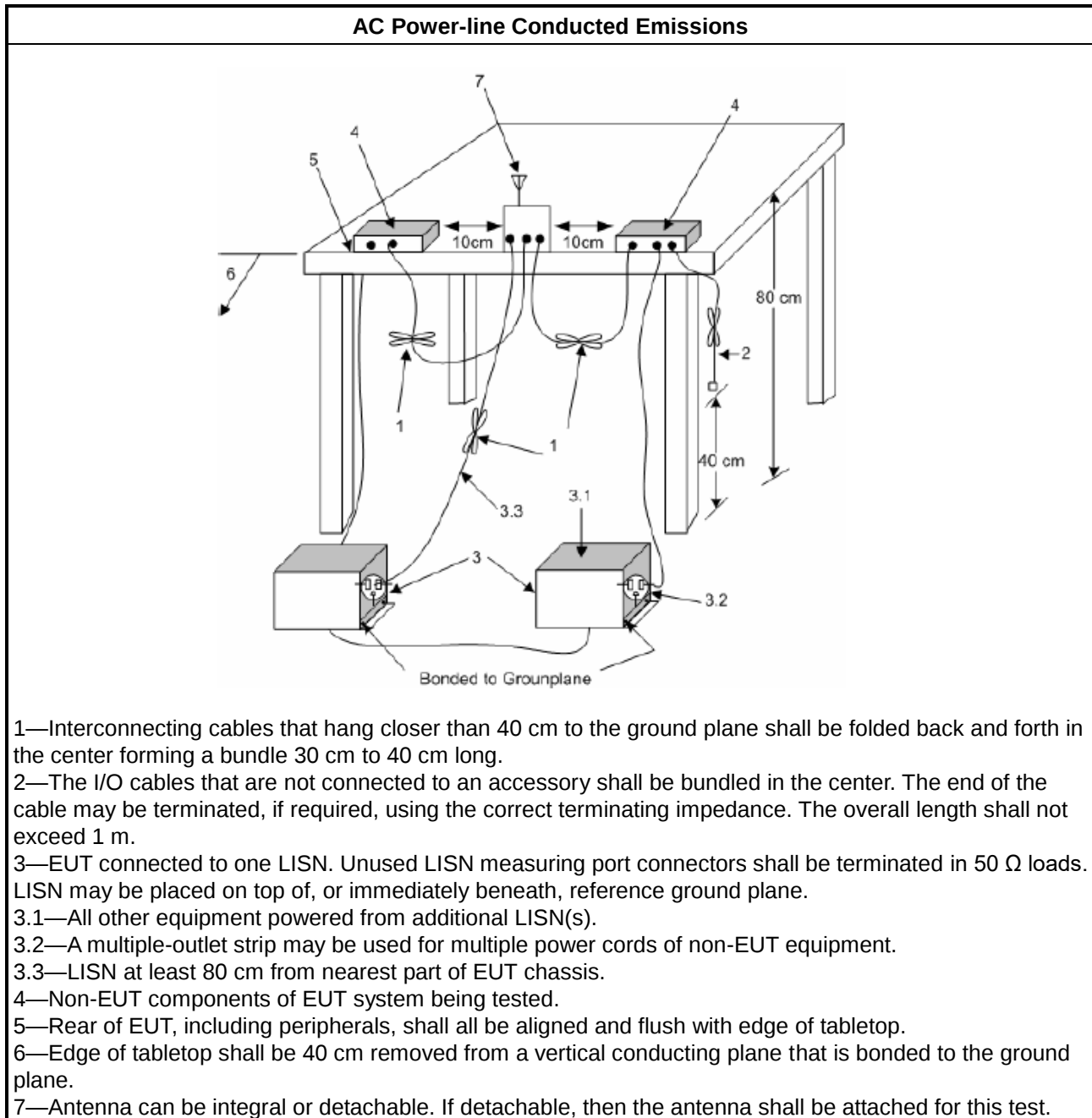
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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

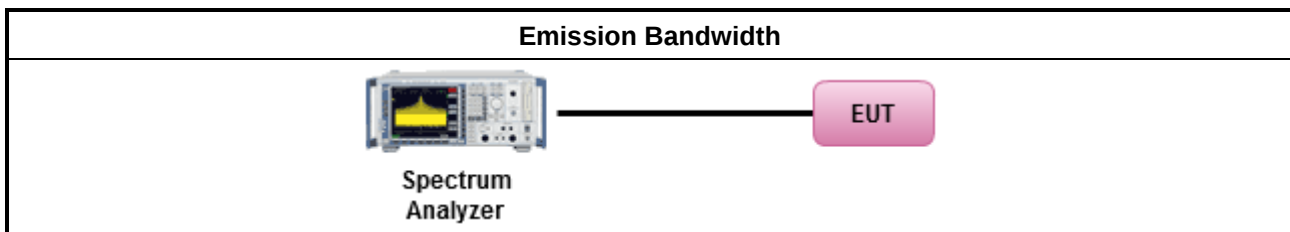
3.2.2 Measuring Instruments

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.



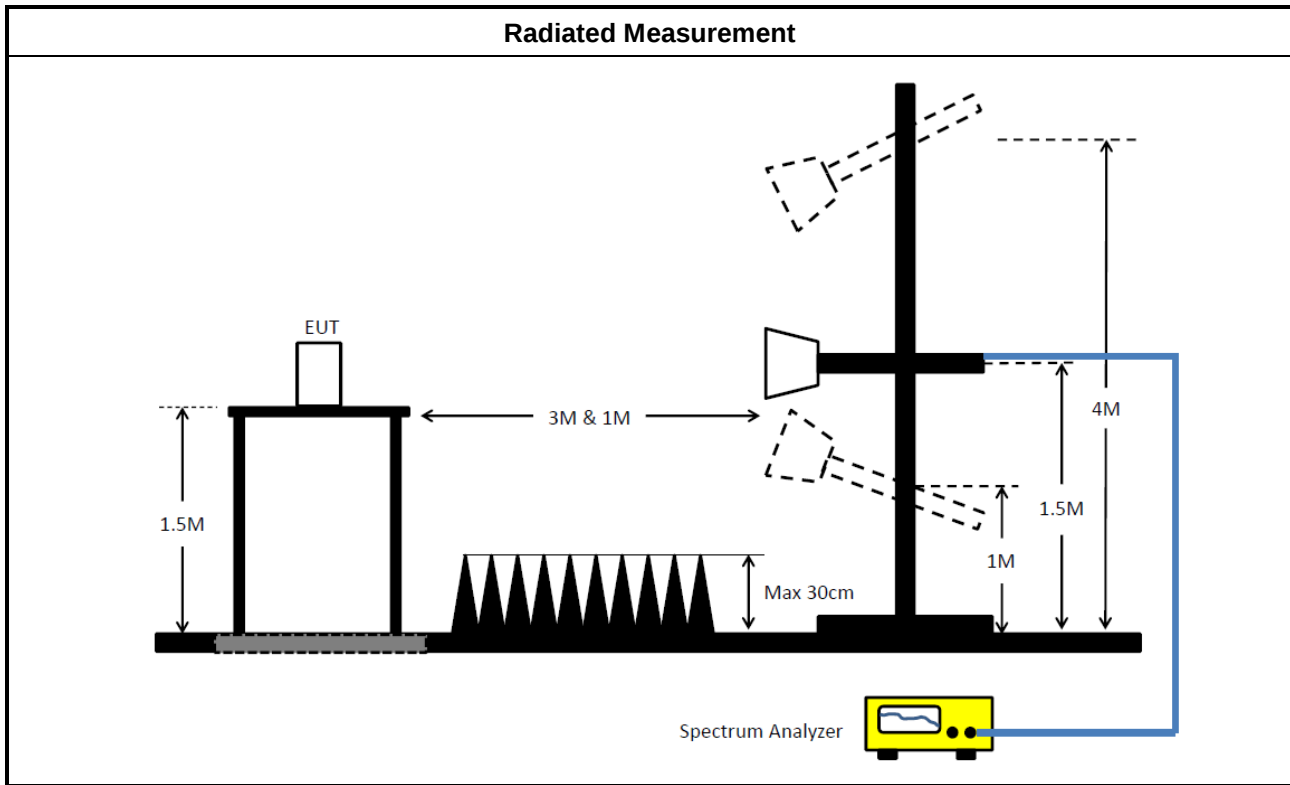
3.3.2 Measuring Instruments

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.

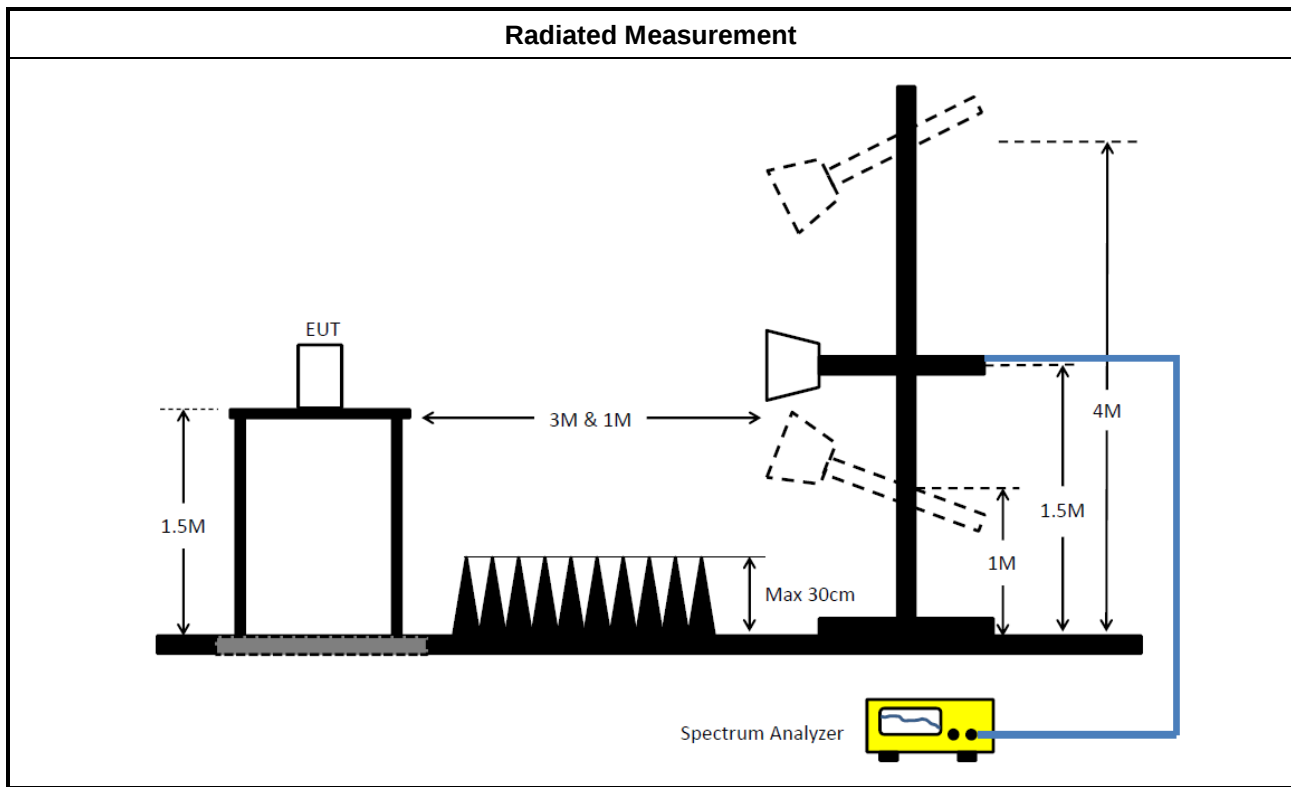
3.4.2 Measuring Instruments

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

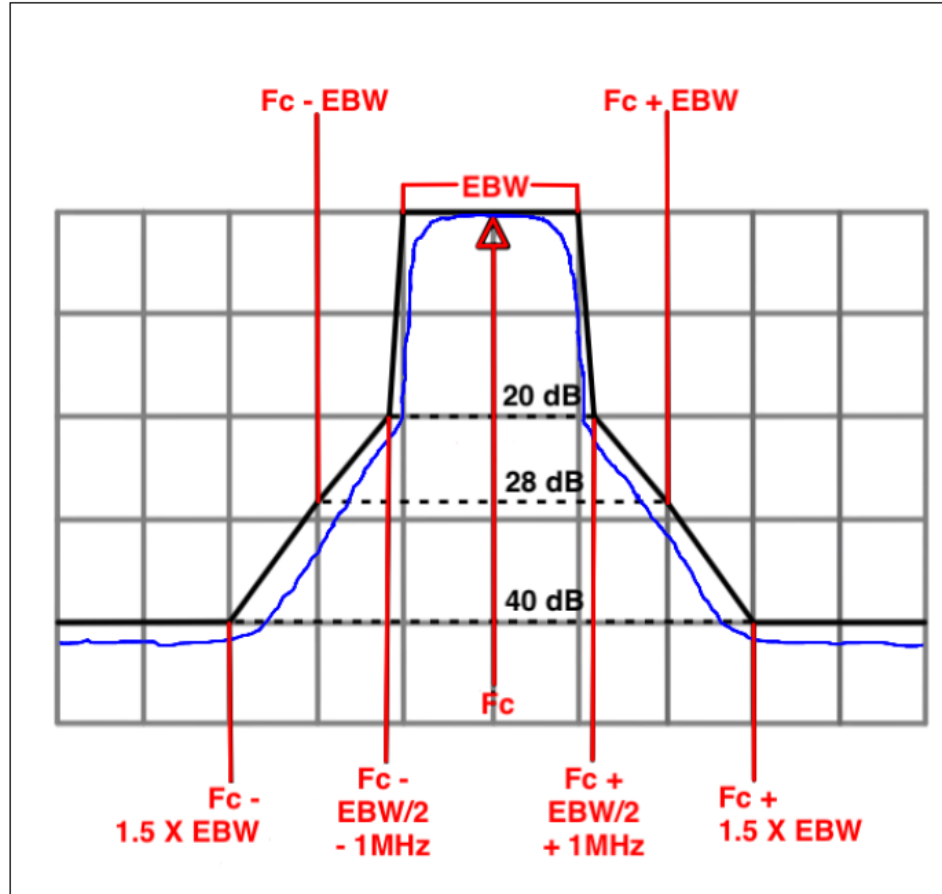
Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance 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. The channel bandwidth is defined as 26 dB EBW.





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.	

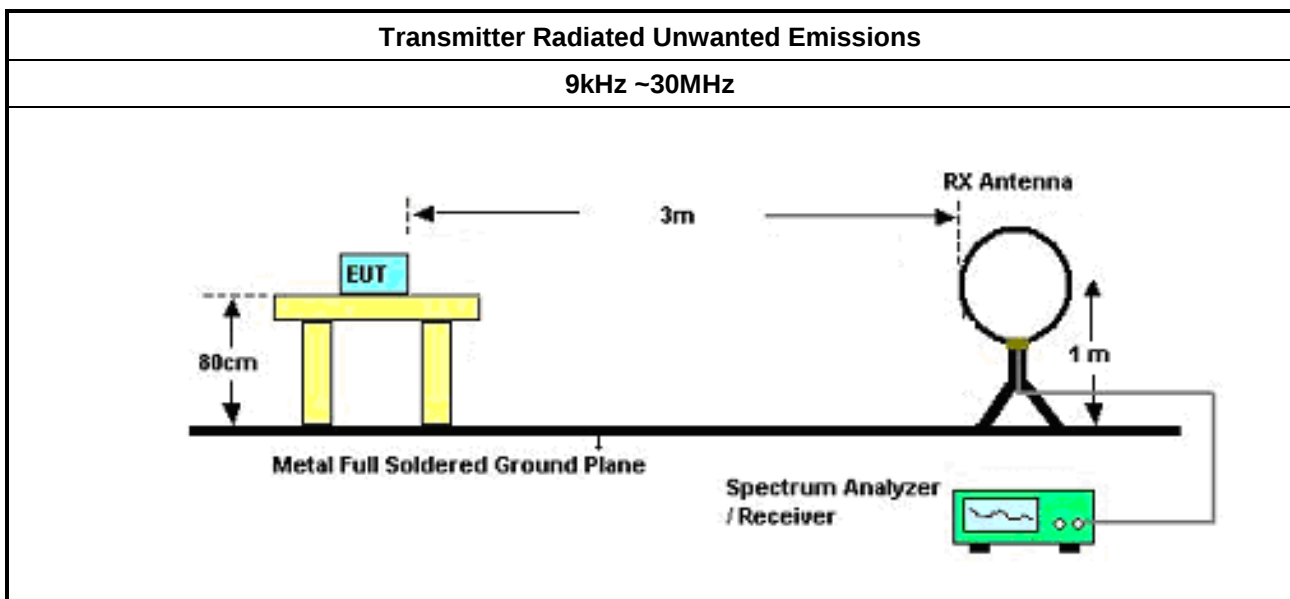
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber 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.

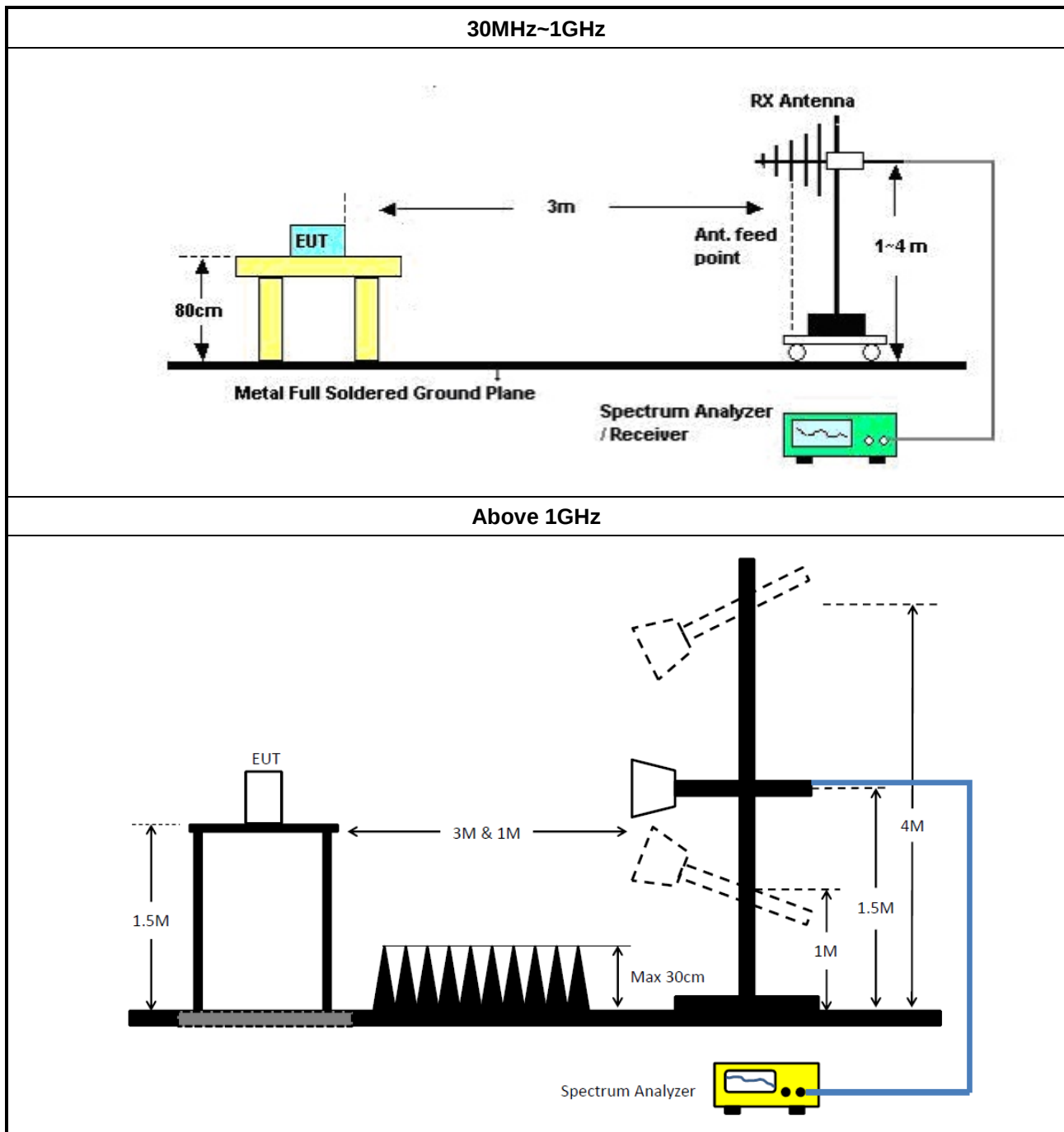
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

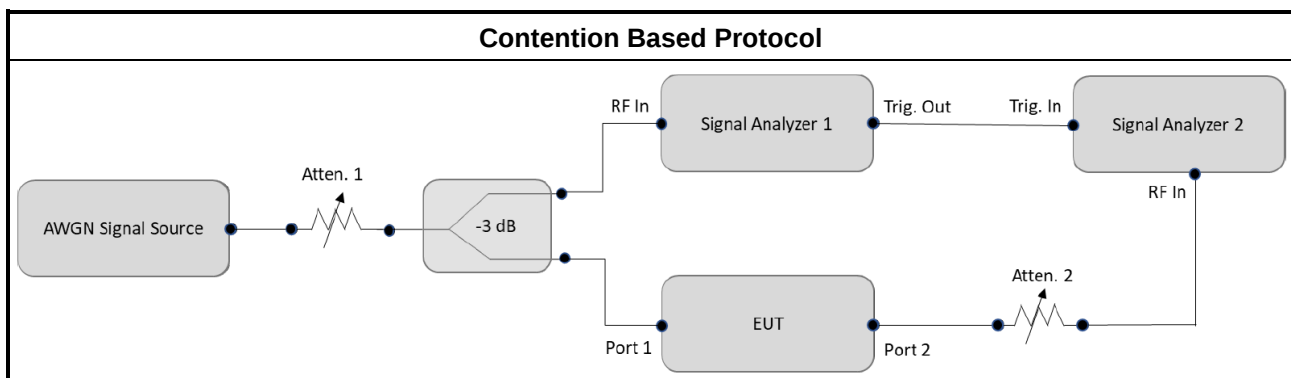
3.6.2 Measuring Instruments

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



4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	102051	9kHz ~ 3.6GHz	17/May/2024	16/May/2025
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101274	9kHz ~ 30MHz	18/Jun/2024	17/Jun/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	27/Feb/2024	26/Feb/2025
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	18/Oct/2023	17/Oct/2024
Sporton	SENSE-EMI	V5.11.3	N/A	N/A	N/A	N/A

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	30/Oct/2023	29/Oct/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	01/Apr/2024	31/Mar/2025
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	02/Apr/2024	01/Apr/2025
SENSE-15407_NII	Sporton	V5.11.20	N/A	N/A	N/A	N/A

Instrument for Radiated Test (03CH24-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	30MHz~1GHz 3m	16/Aug/2024	15/Aug/2025
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	15/Aug/2024	14/Aug/2025
Bilog Antenna & 6dB Attenuator	TESEQ / Woken	CBL 6112D / 00800N1D01N-06	35376 / 02	30MHz~1GHz	14/Apr/2024	13/Apr/2025
Pre-Amplifier	Aglient	8447D	2944A06292	30MHz~1GHz	18/Apr/2024	17/Apr/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB002	9kHz~1GHz	19/Jun/2024	18/Jun/2025
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	27/Dec/2023	26/Dec/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
SENSE-15407-NII	Sporton	V5.11.18	NA	NA	NA	NA

**Instrument for Radiated Test (03CH26-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH26-HY	1GHz~18GHz 3m	07/Aug/2024	06/Aug/2025
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101411	10Hz~44GHz	06/Oct/2023	05/Oct/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02877	1GHz~18GHz	11/Jul/2024	10/Jul/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB009	1GHz~40GHz	18/Oct/2023	17/Oct/2024
Preamplifier	SGH	PRAMP 118-H	20230515-4	1GHz ~18GHz	24/May/2024	23/May/2025
Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	19/Jul/2024	18/Jul/2025
Amplifier	EM	EM18G40G	060874	18GHz ~ 40GHz	15/Apr/2024	14/Apr/2025
SENSE-15407-NII	Sporton	V5.11.20	NA	NA	NA	NA

Instrument for Radiated Test (03CH02-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	14/Jul/2024	13/Jul/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1534	1GHz~18GHz	21/Mar/2024	20/Mar/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/2025
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable -01	1GHz~40GHz	15/Feb/2024	14/Feb/2025
Amplifier	EM	EM01G18G	060870	1GHz~18GHz	12/Aug/2024	11/Aug/2025
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~40GHz	19/Apr/2024	18/Apr/2025
SENSE-EMI	Sporton	V5.11.8	N/A	N/A	N/A	N/A

Instrument for Contention-Based Protocol Test (For Cisco)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Generator	Keysight	N5171B	MY53051240	9kHz~6GHz	21/Nov/2023	20/Nov/2024
Vector Signal Generator	Keysight	N5182B	MY53051912	9kHz~6GHz	29/Feb/2024	28/Feb/2025
Signal Analyzer	R&S	FSP 40	100305	9kHz~40GHz	21/Mar/2024	20/Mar/2025
DFS-Adaptivity	Sporton	Ver 2.10	N/A	N/A	N/A	N/A
Adaptivity Analysis-5G	Sporton	Ver 2.10	N/A	N/A	N/A	N/A

**Instrument for Contention-Based Protocol Test (For Meraki)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSP40	100593	9 kHz ~ 40GHz	11/Mar/2024	10/Mar/2025
Vector Signal Generator	R&S	SMW200A	111529	100kHz~7.5GHz	12/Mar/2024	11/Mar/2025
DFS-Adaptivity	Sporton	Ver 2.10	N/A	N/A	N/A	N/A
Adaptivity Analysis-5G	Sporton	Ver 2.10	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline

Appendix A

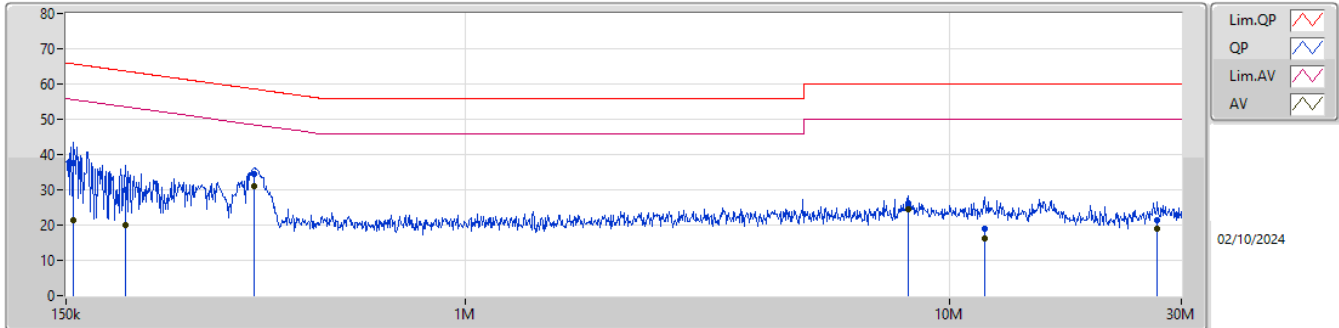
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	368.279k	35.75	48.54	-12.79	Neutral

Result

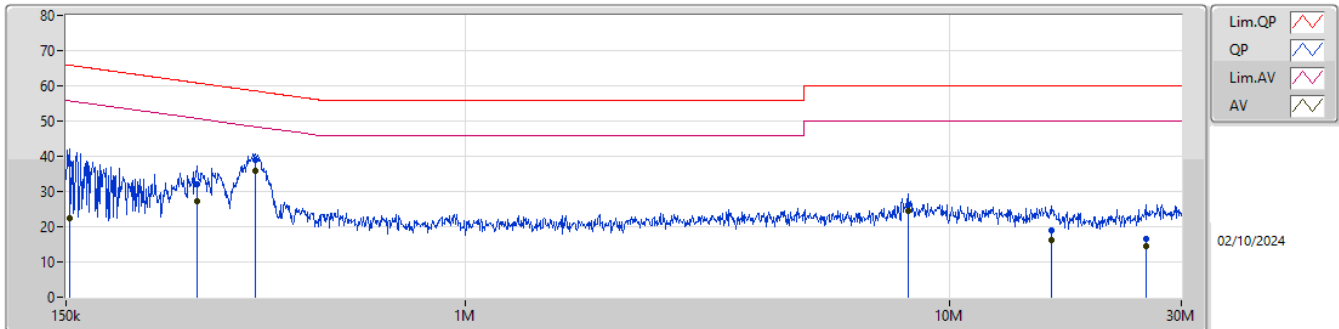
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	155.487k	37.73	65.69	-27.96	Line
Mode 1	Pass	AV	155.487k	21.39	55.69	-34.30	Line
Mode 1	Pass	QP	199.152k	30.15	63.65	-33.50	Line
Mode 1	Pass	AV	199.152k	20.09	53.65	-33.56	Line
Mode 1	Pass	QP	366.811k	34.39	58.58	-24.19	Line
Mode 1	Pass	AV	366.811k	31.05	48.58	-17.53	Line
Mode 1	Pass	QP	8.19M	26.18	60.00	-33.82	Line
Mode 1	Pass	AV	8.19M	24.54	50.00	-25.46	Line
Mode 1	Pass	QP	11.777M	18.86	60.00	-41.14	Line
Mode 1	Pass	AV	11.777M	16.23	50.00	-33.77	Line
Mode 1	Pass	QP	26.803M	21.44	60.00	-38.56	Line
Mode 1	Pass	AV	26.803M	19.01	50.00	-30.99	Line
Mode 1	Pass	QP	152.414k	37.89	65.87	-27.98	Neutral
Mode 1	Pass	AV	152.414k	22.36	55.87	-33.51	Neutral
Mode 1	Pass	QP	279.609k	32.13	60.82	-28.69	Neutral
Mode 1	Pass	AV	279.609k	27.12	50.82	-23.70	Neutral
Mode 1	Pass	QP	368.279k	38.89	58.54	-19.65	Neutral
Mode 1	Pass	AV	368.279k	35.75	48.54	-12.79	Neutral
Mode 1	Pass	QP	8.19M	26.23	60.00	-33.77	Neutral
Mode 1	Pass	AV	8.19M	24.45	50.00	-25.55	Neutral
Mode 1	Pass	QP	16.144M	18.81	60.00	-41.19	Neutral
Mode 1	Pass	AV	16.144M	16.09	50.00	-33.91	Neutral
Mode 1	Pass	QP	25.346M	16.53	60.00	-43.47	Neutral
Mode 1	Pass	AV	25.346M	14.63	50.00	-35.37	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	155.487k	37.73	65.69	-27.96	19.48	Line	-	18.25	9.66	0.07	9.75						
AV	155.487k	21.39	55.69	-34.30	19.48	Line	-	1.91	9.66	0.07	9.75						
QP	199.152k	30.15	63.65	-33.50	19.42	Line	-	10.73	9.65	0.09	9.68						
AV	199.152k	20.09	53.65	-33.56	19.42	Line	-	0.67	9.65	0.09	9.68						
QP	366.811k	34.39	58.58	-24.19	19.52	Line	-	14.87	9.65	0.12	9.75						
AV	366.811k	31.05	48.58	-17.53	19.52	Line	-	11.53	9.65	0.12	9.75						
QP	8.19M	26.18	60.00	-33.82	19.55	Line	-	6.63	9.71	0.05	9.79						
AV	8.19M	24.54	50.00	-25.46	19.55	Line	-	4.99	9.71	0.05	9.79						
QP	11.777M	18.86	60.00	-41.14	19.58	Line	-	-0.72	9.70	0.07	9.81						
AV	11.777M	16.23	50.00	-33.77	19.58	Line	-	-3.35	9.70	0.07	9.81						
QP	26.803M	21.44	60.00	-38.56	19.64	Line	-	1.80	9.62	0.21	9.81						
AV	26.803M	19.01	50.00	-30.99	19.64	Line	-	-0.63	9.62	0.21	9.81						

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	152.414k	37.89	65.87	-27.98	19.42	Neutral	-	18.47	9.60	0.07	9.75						
AV	152.414k	22.36	55.87	-33.51	19.42	Neutral	-	2.94	9.60	0.07	9.75						
QP	279.609k	32.13	60.82	-28.69	19.42	Neutral	-	12.71	9.60	0.10	9.72						
AV	279.609k	27.12	50.82	-23.70	19.42	Neutral	-	7.70	9.60	0.10	9.72						
QP	368.279k	38.89	58.54	-19.65	19.47	Neutral	-	19.42	9.60	0.12	9.75						
AV	368.279k	35.75	48.54	-12.79	19.47	Neutral	-	16.28	9.60	0.12	9.75						
QP	8.19M	26.23	60.00	-33.77	19.49	Neutral	-	6.74	9.65	0.05	9.79						
AV	8.19M	24.45	50.00	-25.55	19.49	Neutral	-	4.96	9.65	0.05	9.79						
QP	16.144M	18.81	60.00	-41.19	19.60	Neutral	-	-0.79	9.67	0.10	9.83						
AV	16.144M	16.09	50.00	-33.91	19.60	Neutral	-	-3.51	9.67	0.10	9.83						
QP	25.346M	16.53	60.00	-43.47	19.65	Neutral	-	-3.12	9.66	0.15	9.84						
AV	25.346M	14.63	50.00	-35.37	19.65	Neutral	-	-5.02	9.66	0.15	9.84						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	21.89M	19.065M	19M1D1D	21.78M	19.015M
802.11be EHT40_Nss1,(MCS0)_1TX	43.34M	38.031M	38M0D1D	42.13M	37.981M
802.11be EHT80_Nss1,(MCS0)_1TX	90.64M	77.861M	77M9D1D	87.78M	77.561M
802.11be EHT160_Nss1,(MCS0)_1TX	308.44M	158.721M	159MD1D	171.16M	157.121M
802.11be EHT320_Nss1,(MCS0)_1TX	618.64M	319.84M	320MD1D	455.84M	317.841M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	22.715M	19.09M	19M1D1D	21.34M	19.015M
802.11be EHT40_Nss1,(MCS0)_1TX	44.44M	38.031M	38M0D1D	42.35M	37.931M
802.11be EHT80_Nss1,(MCS0)_1TX	95.48M	77.861M	77M9D1D	93.94M	77.761M
802.11be EHT160_Nss1,(MCS0)_1TX	291.72M	157.521M	158MD1D	291.72M	157.521M
802.11be EHT320_Nss1,(MCS0)_1TX	631.84M	318.641M	319MD1D	631.84M	318.641M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	22.55M	19.09M	19M1D1D	21.945M	19.015M
802.11be EHT40_Nss1,(MCS0)_1TX	44.33M	38.031M	38M0D1D	42.68M	37.981M
802.11be EHT80_Nss1,(MCS0)_1TX	174.24M	79.26M	79M3D1D	92.84M	78.061M
802.11be EHT160_Nss1,(MCS0)_1TX	314.6M	158.321M	158MD1D	273.24M	158.121M
802.11be EHT320_Nss1,(MCS0)_1TX	528M	318.241M	318MD1D	511.28M	318.241M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	22.275M	19.065M	19M1D1D	21.56M	19.015M
802.11be EHT40_Nss1,(MCS0)_1TX	63.8M	38.381M	38M4D1D	44.55M	38.081M
802.11be EHT80_Nss1,(MCS0)_1TX	128.7M	78.361M	78M4D1D	106.04M	78.161M
802.11be EHT160_Nss1,(MCS0)_1TX	256.52M	158.521M	159MD1D	256.52M	158.521M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	21.78M	19.065M
6195MHz	Pass	Inf	21.835M	19.015M
6415MHz	Pass	Inf	21.89M	19.065M
6435MHz	Pass	Inf	22.715M	19.04M
6475MHz	Pass	Inf	21.34M	19.09M
6515MHz	Pass	Inf	21.78M	19.015M
6535MHz	Pass	Inf	21.945M	19.015M
6695MHz	Pass	Inf	22M	19.09M
6875MHz	Pass	Inf	22.55M	19.04M
6895MHz	Pass	Inf	21.89M	19.015M
6995MHz	Pass	Inf	21.615M	19.04M
7095MHz	Pass	Inf	22.275M	19.065M
7115MHz	Pass	Inf	21.56M	19.015M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5965MHz	Pass	Inf	43.34M	38.031M
6205MHz	Pass	Inf	42.13M	37.981M
6405MHz	Pass	Inf	42.46M	38.031M
6445MHz	Pass	Inf	42.35M	37.981M
6485MHz	Pass	Inf	42.35M	37.931M
6525MHz	Pass	Inf	44.44M	38.031M
6565MHz	Pass	Inf	44.33M	38.031M
6685MHz	Pass	Inf	42.68M	37.981M
6885MHz	Pass	Inf	43.12M	38.031M
6925MHz	Pass	Inf	63.8M	38.281M
7005MHz	Pass	Inf	60.17M	38.381M
7085MHz	Pass	Inf	44.55M	38.081M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5985MHz	Pass	Inf	87.78M	77.561M
6225MHz	Pass	Inf	88.22M	77.661M
6385MHz	Pass	Inf	90.64M	77.861M
6465MHz	Pass	Inf	93.94M	77.861M
6545MHz	Pass	Inf	95.48M	77.761M
6625MHz	Pass	Inf	92.84M	78.061M
6705MHz	Pass	Inf	111.54M	78.161M
6785MHz	Pass	Inf	166.76M	78.661M
6865MHz	Pass	Inf	174.24M	79.26M
6945MHz	Pass	Inf	106.04M	78.161M
7025MHz	Pass	Inf	128.7M	78.361M
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-
6025MHz	Pass	Inf	171.16M	157.121M
6185MHz	Pass	Inf	295.68M	157.721M
6345MHz	Pass	Inf	308.44M	158.721M
6505MHz	Pass	Inf	291.72M	157.521M
6665MHz	Pass	Inf	314.6M	158.121M
6825MHz	Pass	Inf	273.24M	158.321M



EBW_Non-Beamforming_Radio 2_1TX_LPI

Appendix B.1

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
6985MHz	Pass	Inf	256.52M	158.521M
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-	-
6105MHz	Pass	Inf	455.84M	318.641M
6265MHz	Pass	Inf	618.64M	319.84M
6425MHz	Pass	Inf	535.92M	317.841M
6585MHz	Pass	Inf	631.84M	318.641M
6745MHz	Pass	Inf	528M	318.241M
6905MHz	Pass	Inf	511.28M	318.241M

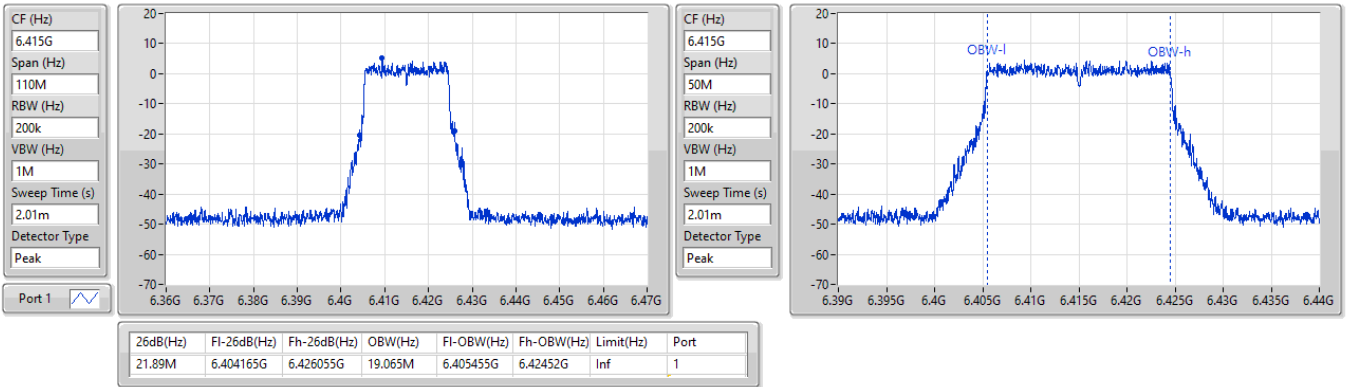
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

6415MHz

27/09/2024

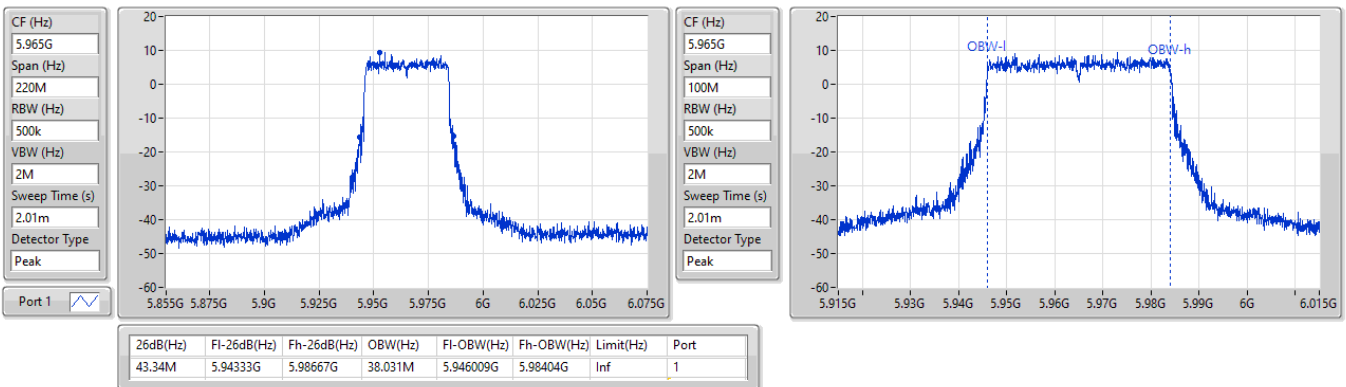


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5965MHz

27/09/2024

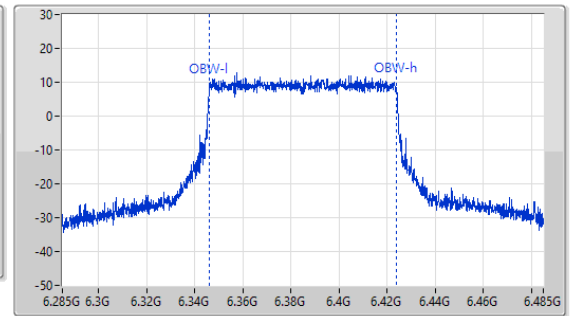
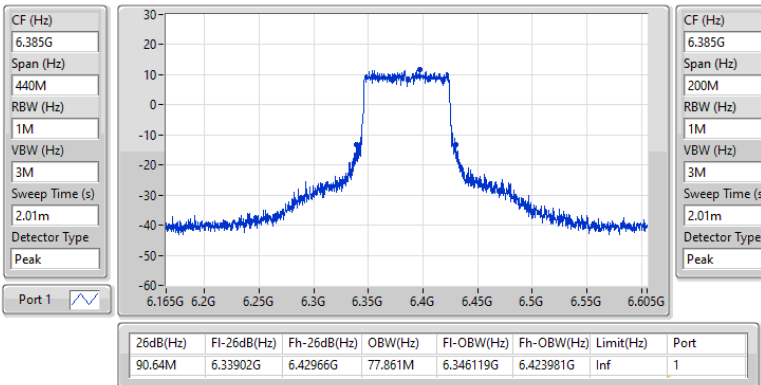


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6385MHz

27/09/2024

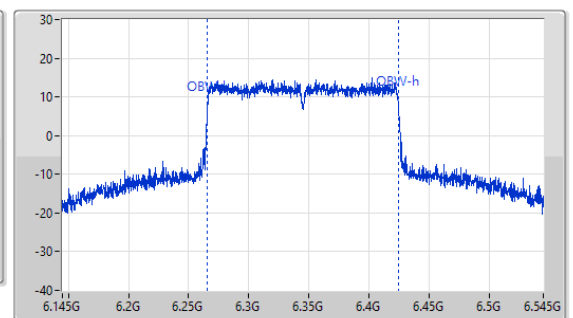
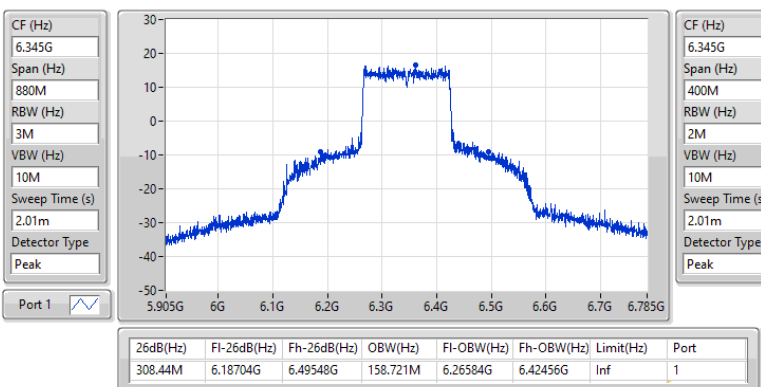


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6345MHz

27/09/2024

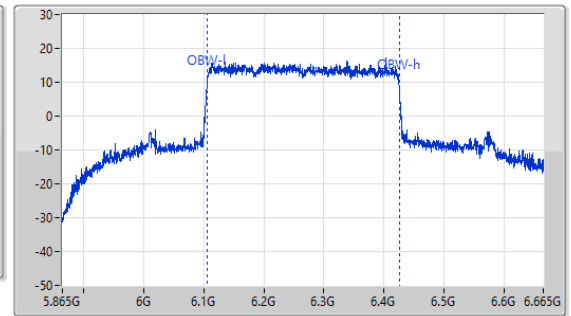
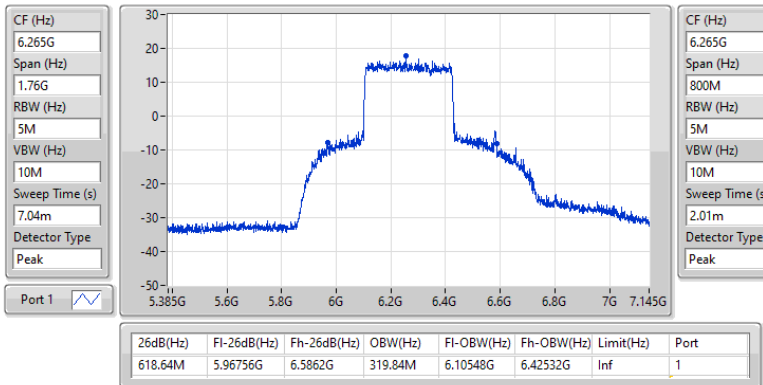


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX

EBW

6265MHz

27/09/2024

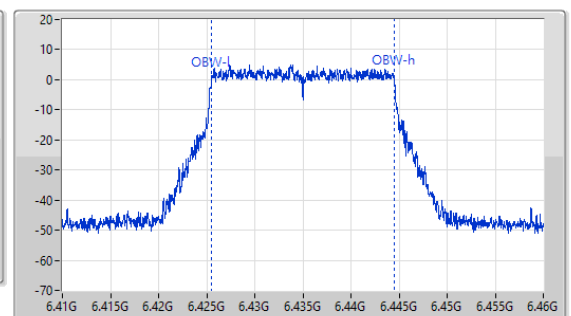
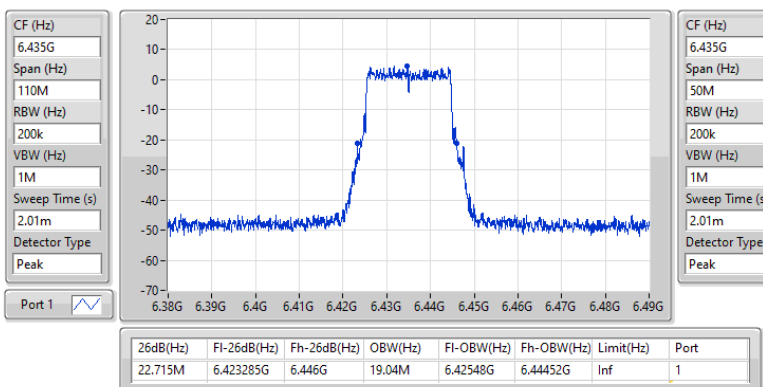


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

6435MHz

27/09/2024

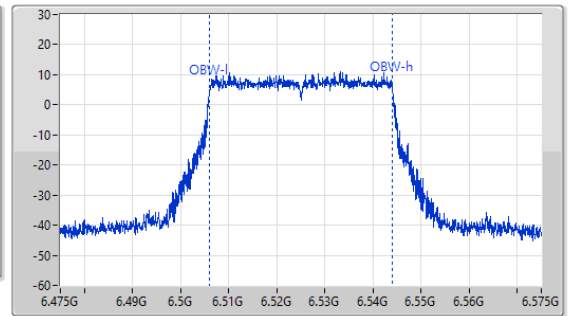
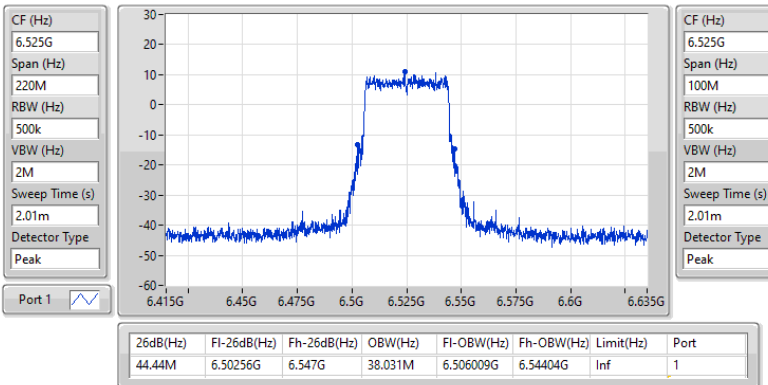


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

6525MHz

27/09/2024

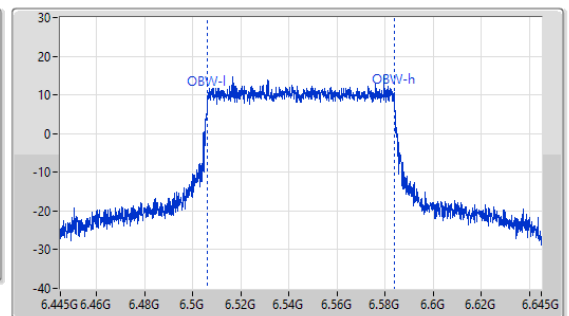
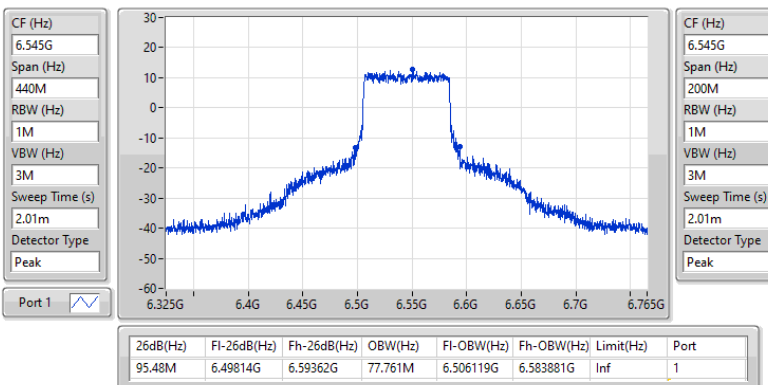


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6545MHz

27/09/2024

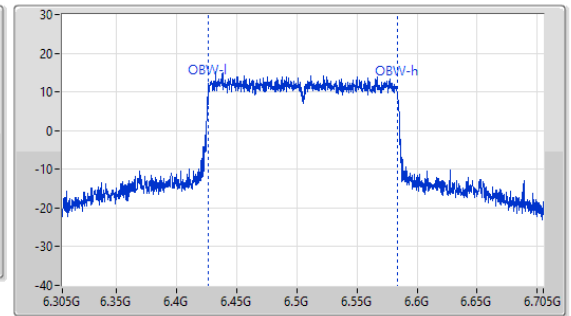
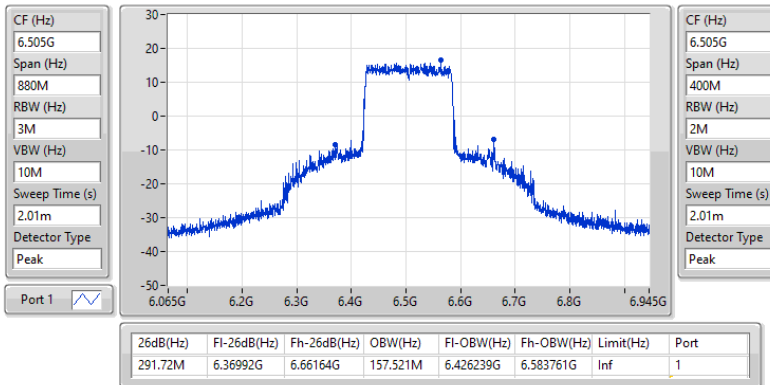


6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6505MHz

27/09/2024

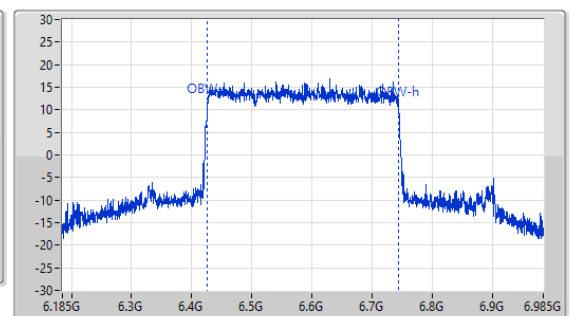
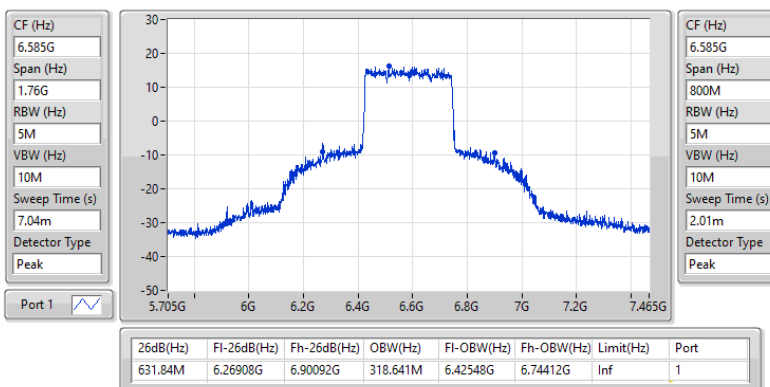


6.425-6.525GHz_802.11be EHT320_Nss1,(MCS0)_1TX

EBW

6585MHz

27/09/2024

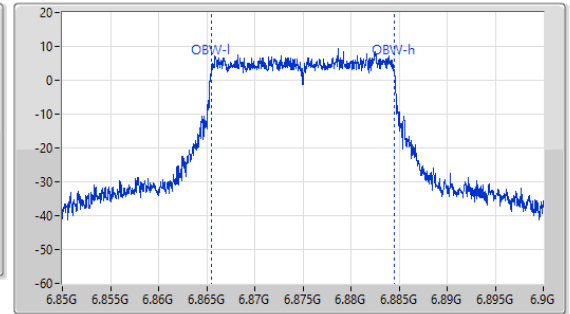
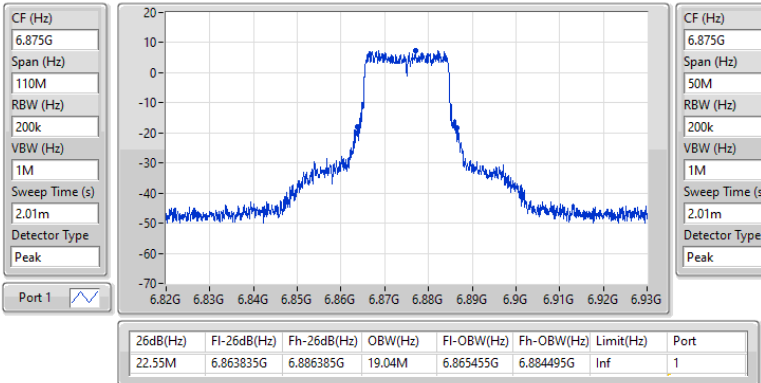


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

6875MHz

27/09/2024

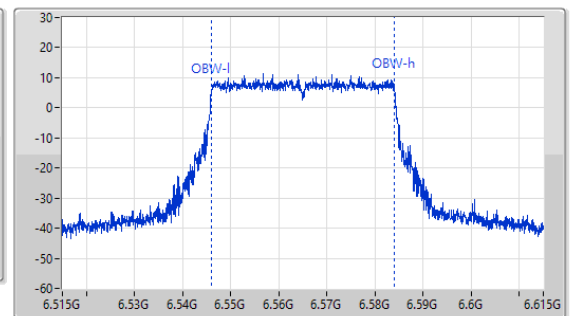
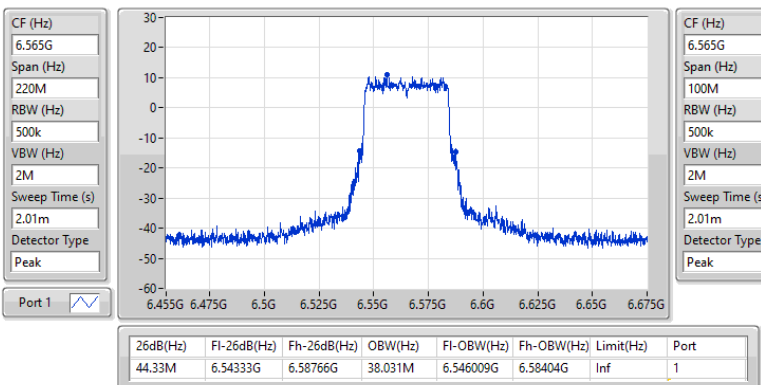


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

6565MHz

27/09/2024

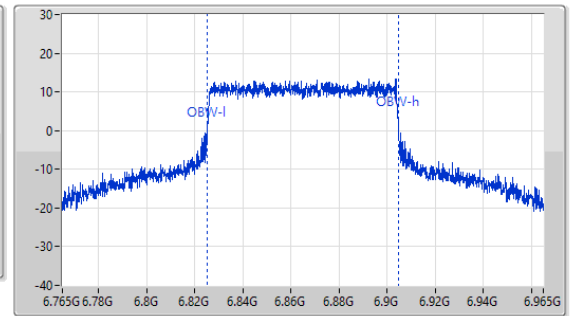
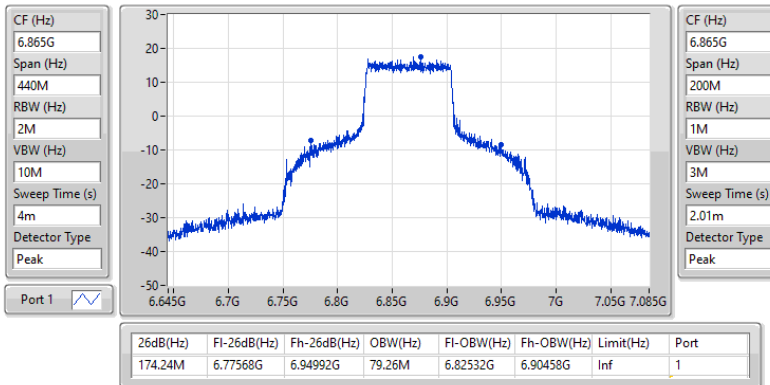


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6865MHz

27/09/2024

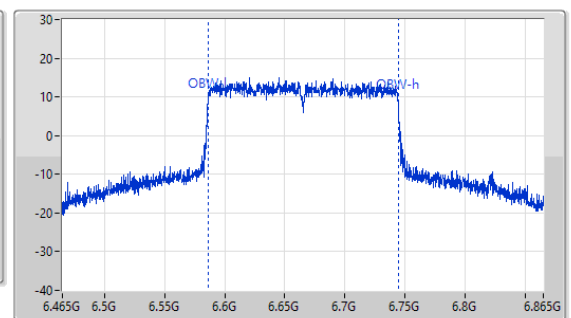
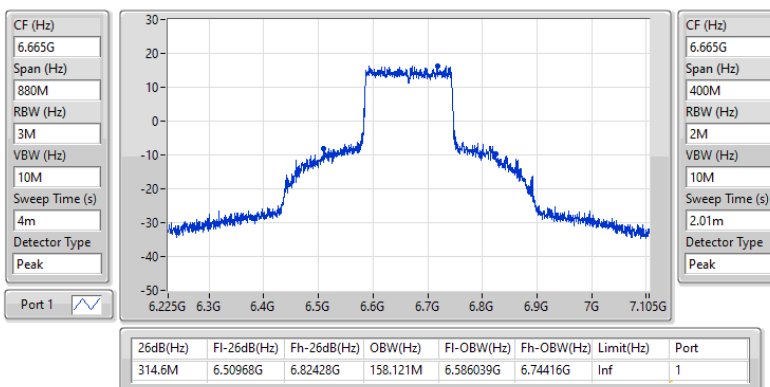


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6665MHz

27/09/2024

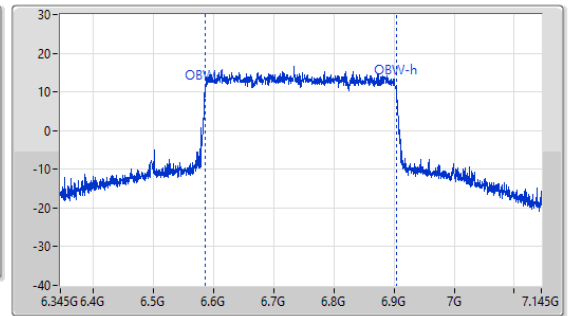
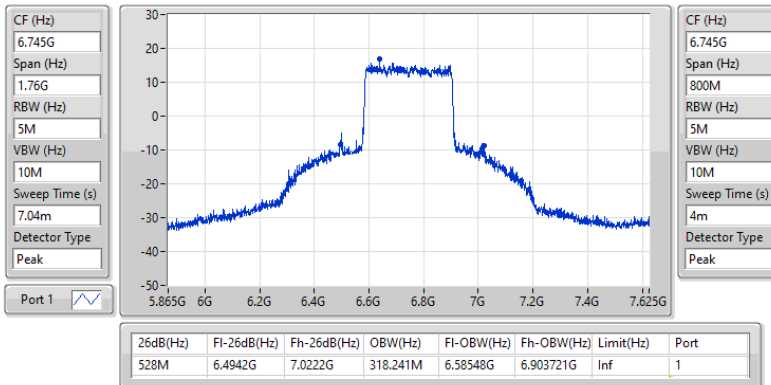


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_1TX

EBW

6745MHz

27/09/2024

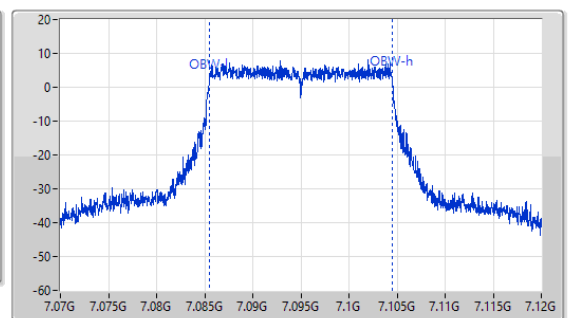
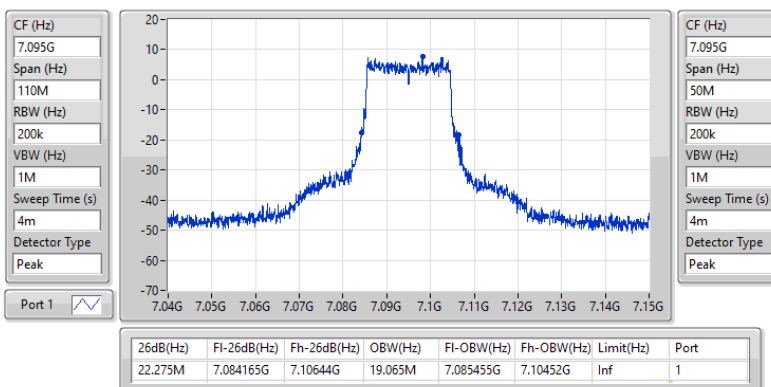


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

7095MHz

27/09/2024

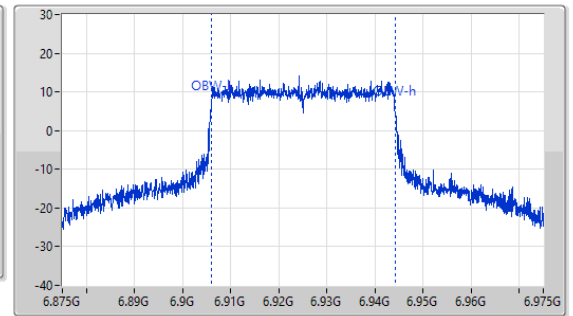
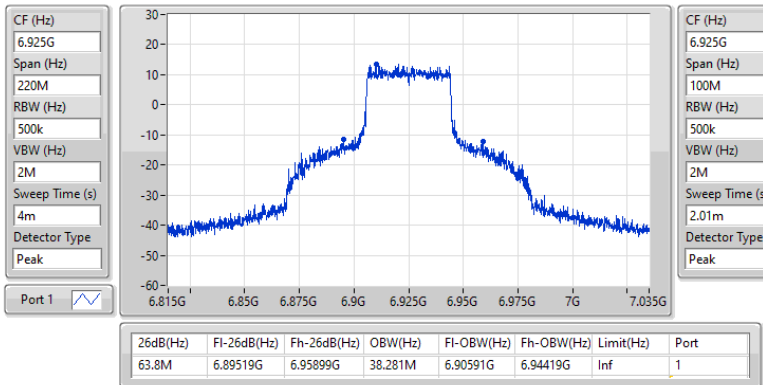


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

6925MHz

27/09/2024

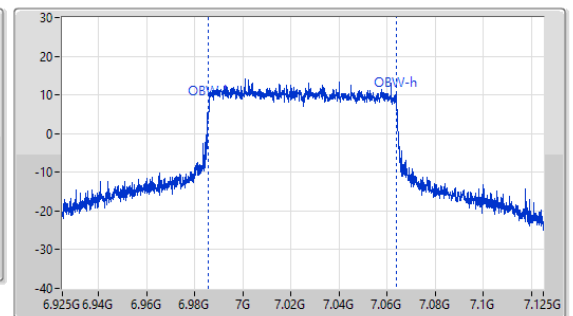
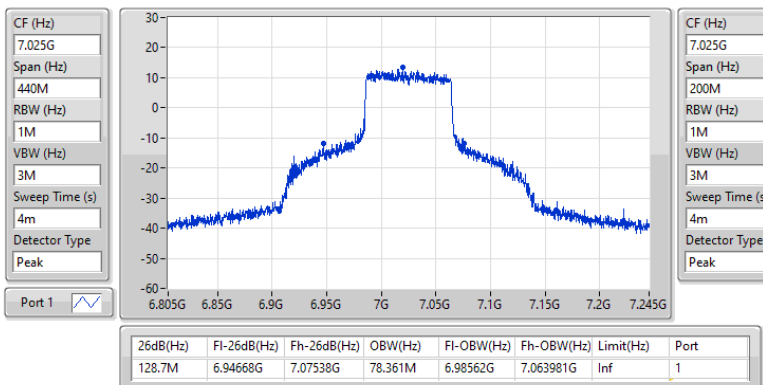


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

7025MHz

27/09/2024



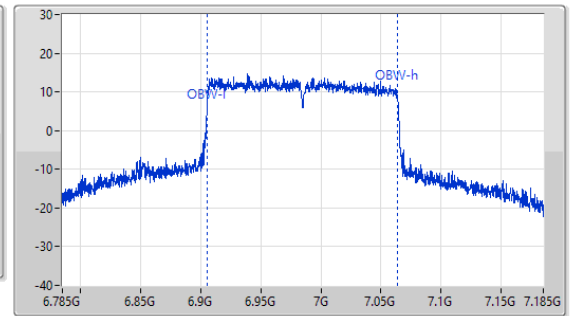
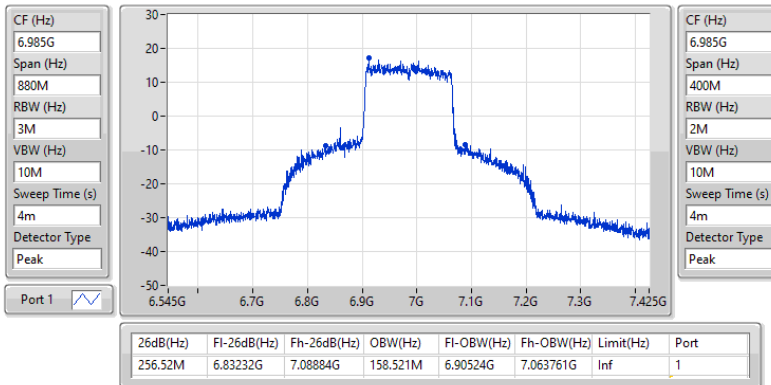


6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6985MHz

27/09/2024



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	22.22M	19.04M	19M0D1D	20.955M	18.991M
802.11be EHT40_Nss1,(MCS0)_2TX	43.89M	38.031M	38M0D1D	41.91M	37.931M
802.11be EHT80_Nss1,(MCS0)_2TX	91.3M	77.861M	77M9D1D	85.8M	77.661M
802.11be EHT160_Nss1,(MCS0)_2TX	244.64M	157.721M	158MD1D	172.48M	156.722M
802.11be EHT320_Nss1,(MCS0)_2TX	594M	319.04M	319MD1D	429.44M	316.642M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	22.88M	19.065M	19M1D1D	21.56M	18.991M
802.11be EHT40_Nss1,(MCS0)_2TX	45.21M	37.981M	38M0D1D	42.24M	37.881M
802.11be EHT80_Nss1,(MCS0)_2TX	91.08M	77.661M	77M7D1D	84.92M	77.561M
802.11be EHT160_Nss1,(MCS0)_2TX	232.76M	157.521M	158MD1D	168.52M	157.321M
802.11be EHT320_Nss1,(MCS0)_2TX	626.56M	319.04M	319MD1D	609.84M	318.641M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	22.55M	19.065M	19M1D1D	21.45M	18.991M
802.11be EHT40_Nss1,(MCS0)_2TX	44.22M	38.081M	38M1D1D	41.8M	37.931M
802.11be EHT80_Nss1,(MCS0)_2TX	89.1M	77.861M	77M9D1D	86.02M	77.561M
802.11be EHT160_Nss1,(MCS0)_2TX	300.96M	158.321M	158MD1D	171.16M	157.121M
802.11be EHT320_Nss1,(MCS0)_2TX	588.72M	318.241M	318MD1D	333.52M	315.042M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	22.99M	19.115M	19M1D1D	21.56M	18.966M
802.11be EHT40_Nss1,(MCS0)_2TX	43.89M	38.081M	38M1D1D	42.68M	37.931M
802.11be EHT80_Nss1,(MCS0)_2TX	88.66M	77.761M	77M8D1D	87.34M	77.561M
802.11be EHT160_Nss1,(MCS0)_2TX	171.6M	157.121M	157MD1D	170.28M	156.922M

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	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-
5955MHz	Pass	22.22M	18.991M	21.835M	19.015M
6195MHz	Pass	22.165M	19.015M	21.56M	19.04M
6415MHz	Pass	22.11M	19.04M	20.955M	19.04M
6435MHz	Pass	21.78M	18.991M	22.88M	19.065M
6475MHz	Pass	21.56M	19.015M	22.275M	19.04M
6515MHz	Pass	22.055M	19.065M	22.055M	19.065M
6535MHz	Pass	22.55M	18.991M	21.89M	19.065M
6695MHz	Pass	22M	19.015M	22.44M	19.04M
6875MHz	Pass	21.45M	19.065M	21.835M	19.015M
6895MHz	Pass	22.055M	19.015M	22.055M	19.065M
6995MHz	Pass	22.11M	18.966M	22.99M	19.065M
7095MHz	Pass	21.56M	19.04M	21.945M	19.04M
7115MHz	Pass	22.11M	19.115M	21.89M	19.115M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-
5965MHz	Pass	41.91M	37.981M	43.89M	38.031M
6205MHz	Pass	43.23M	37.981M	42.9M	37.931M
6405MHz	Pass	43.56M	37.931M	43.45M	38.031M
6445MHz	Pass	44.33M	37.981M	43.23M	37.981M
6485MHz	Pass	42.9M	37.881M	42.9M	37.931M
6525MHz	Pass	45.21M	37.981M	42.24M	37.981M
6565MHz	Pass	43.56M	38.081M	42.35M	37.931M
6685MHz	Pass	43.23M	37.981M	41.8M	37.981M
6885MHz	Pass	44.22M	38.031M	42.57M	37.981M
6925MHz	Pass	42.9M	37.981M	43.23M	37.931M
7005MHz	Pass	43.78M	38.081M	43.89M	38.031M
7085MHz	Pass	43.01M	38.031M	42.68M	37.931M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-
5985MHz	Pass	86.46M	77.661M	91.3M	77.661M
6225MHz	Pass	88.66M	77.661M	90.42M	77.661M
6385MHz	Pass	88.44M	77.861M	85.8M	77.661M
6465MHz	Pass	91.08M	77.661M	88.66M	77.561M
6545MHz	Pass	87.12M	77.561M	84.92M	77.661M
6625MHz	Pass	88.44M	77.661M	86.24M	77.561M
6705MHz	Pass	86.02M	77.661M	86.68M	77.661M
6785MHz	Pass	89.1M	77.761M	87.34M	77.561M
6865MHz	Pass	88M	77.861M	88M	77.561M
6945MHz	Pass	88.66M	77.761M	88.44M	77.761M
7025MHz	Pass	87.34M	77.761M	88M	77.561M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-
6025MHz	Pass	178.2M	156.722M	230.12M	157.321M
6185MHz	Pass	217.8M	157.521M	172.48M	157.521M
6345MHz	Pass	244.64M	157.721M	228.36M	157.721M
6505MHz	Pass	168.52M	157.321M	232.76M	157.521M
6665MHz	Pass	171.16M	157.521M	171.16M	157.121M
6825MHz	Pass	297.44M	158.321M	300.96M	158.321M



EBW_Non-Beamforming_Radio 2_2TX_LPI

Appendix B.2

Mode	Result	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
6985MHz	Pass	170.28M	156.922M	171.6M	157.121M
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-	-	-
6105MHz	Pass	429.44M	316.642M	510.4M	318.641M
6265MHz	Pass	480.48M	317.841M	594M	319.04M
6425MHz	Pass	580.8M	318.241M	541.2M	317.841M
6585MHz	Pass	626.56M	319.04M	609.84M	318.641M
6745MHz	Pass	588.72M	318.241M	519.2M	317.841M
6905MHz	Pass	335.28M	315.442M	333.52M	315.042M

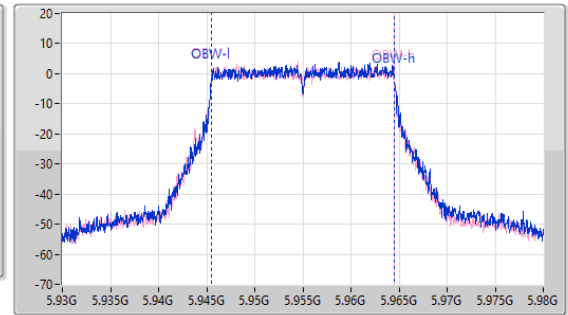
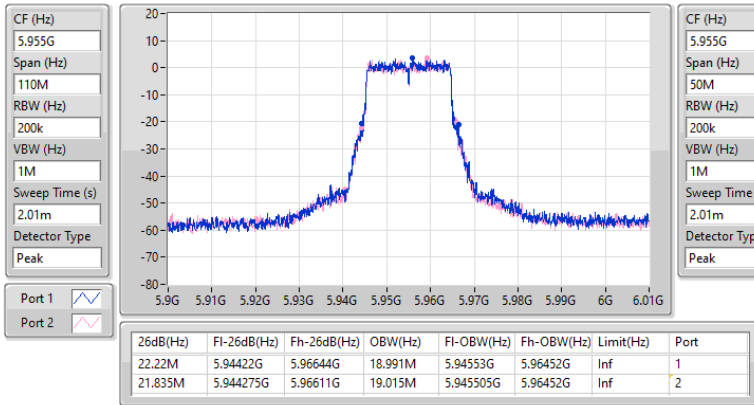
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5955MHz

11/09/2024

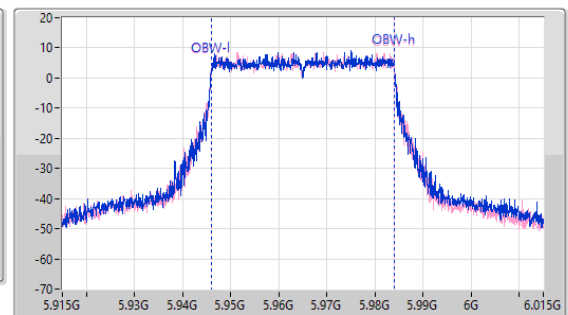
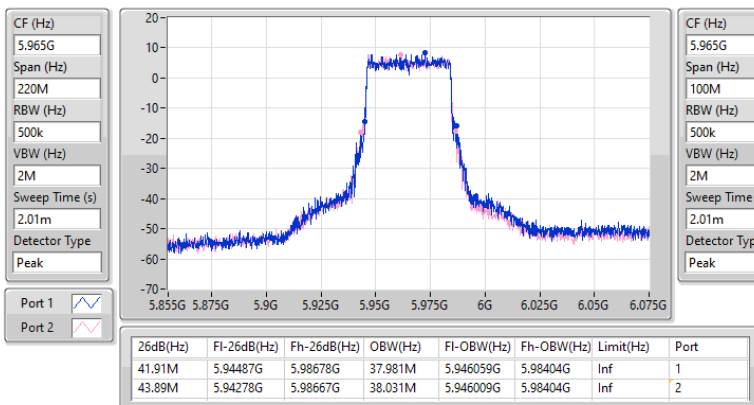


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5965MHz

11/09/2024

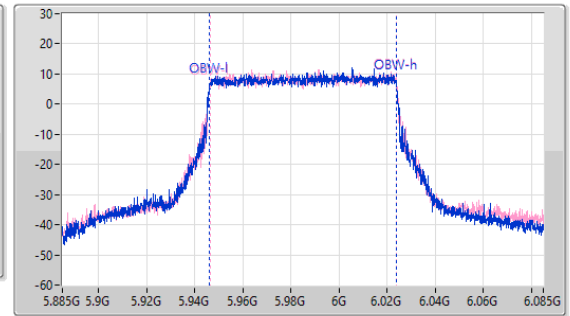
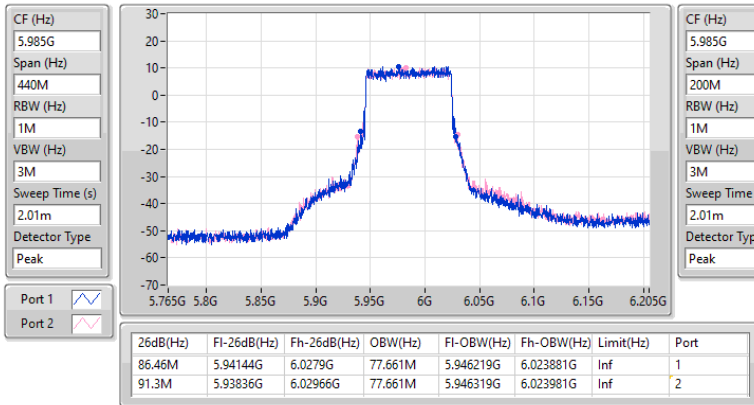


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5985MHz

11/09/2024

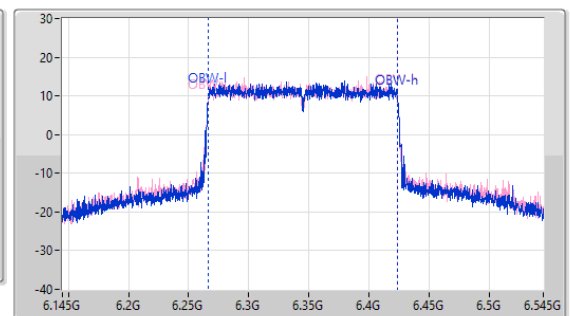
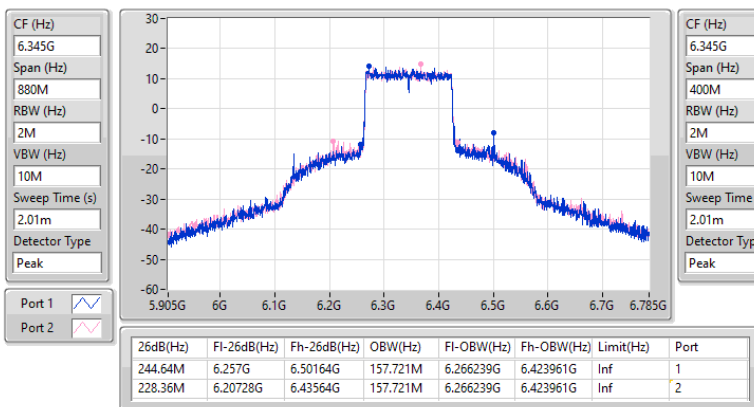


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6345MHz

11/09/2024

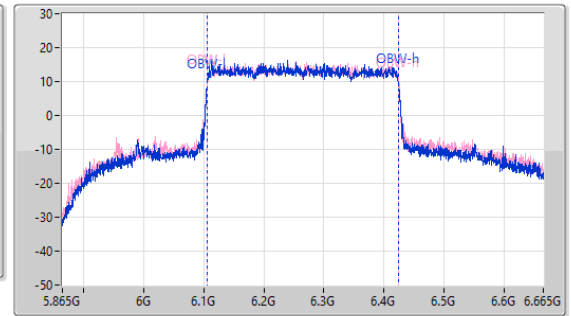
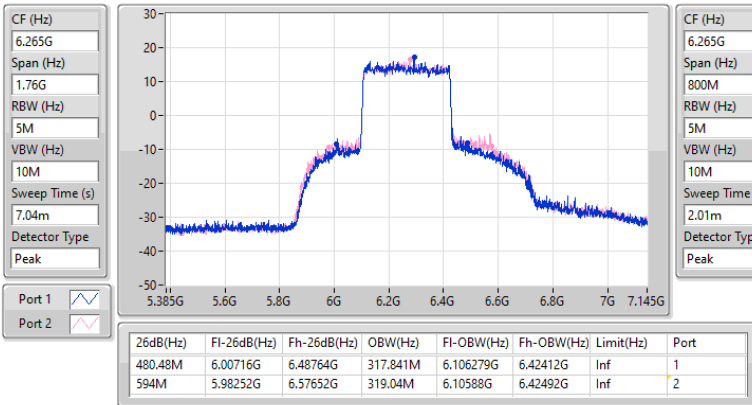


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6265MHz

11/09/2024

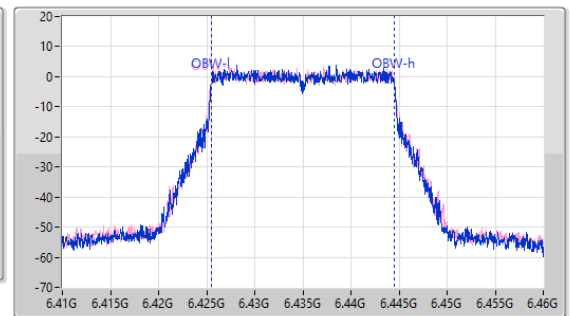
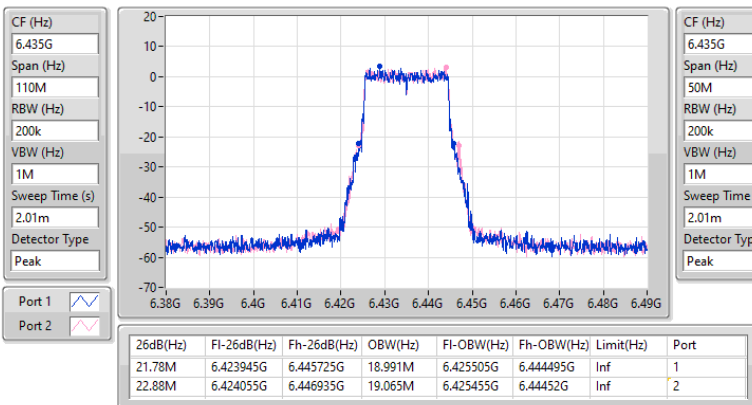


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6435MHz

11/09/2024

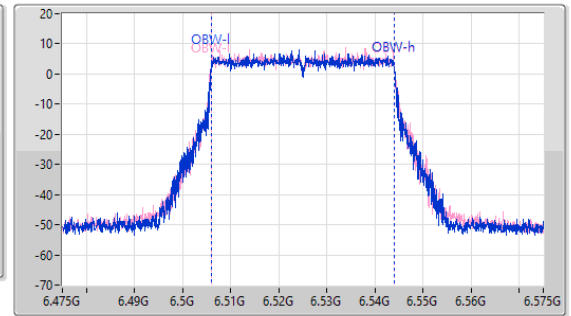
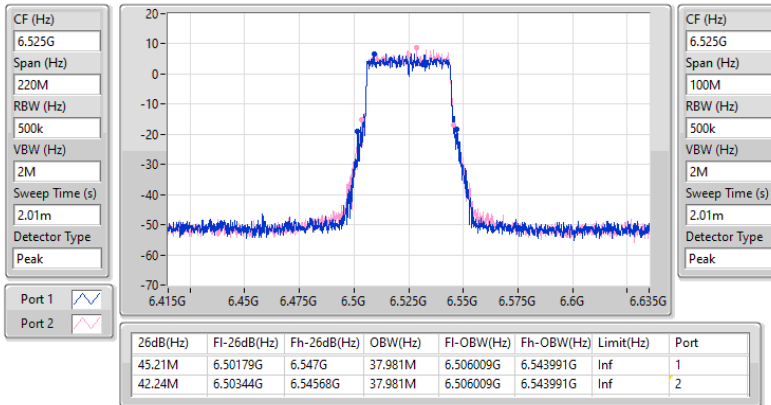


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6525MHz

11/09/2024

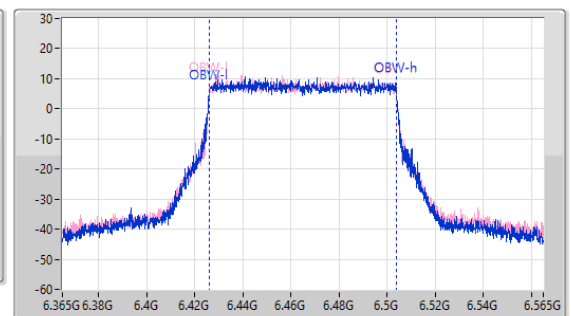
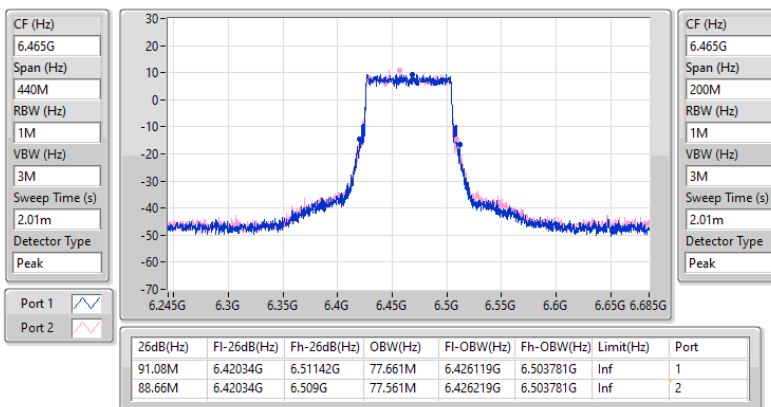


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6465MHz

11/09/2024

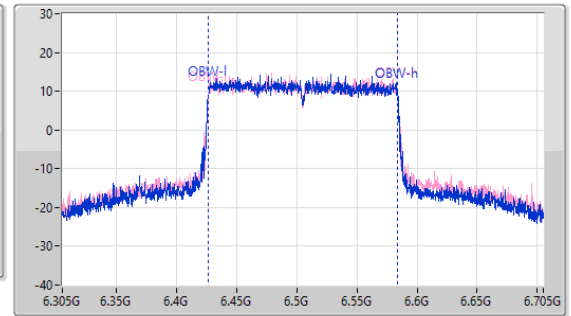
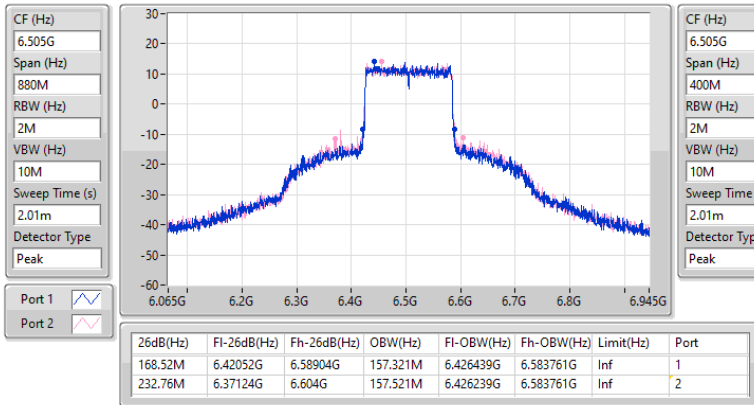


6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6505MHz

11/09/2024

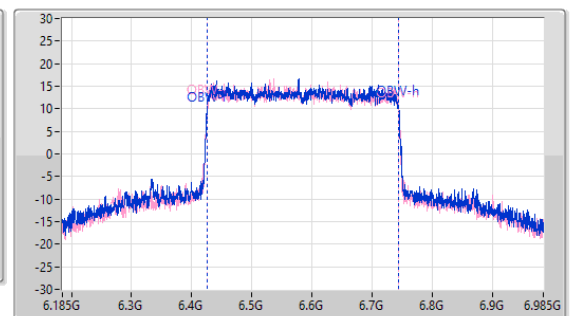
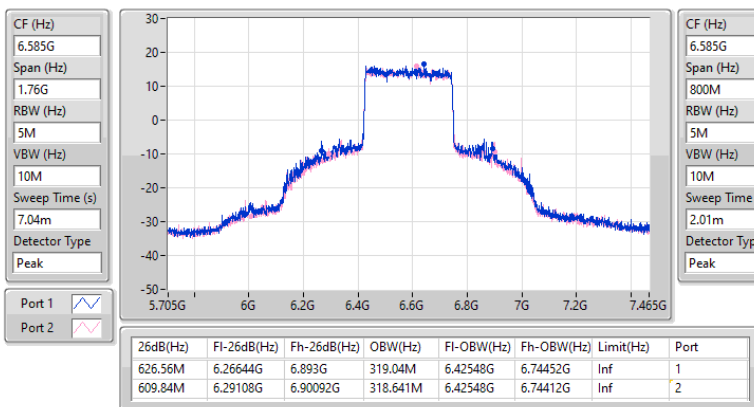


6.425-6.525GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6585MHz

11/09/2024

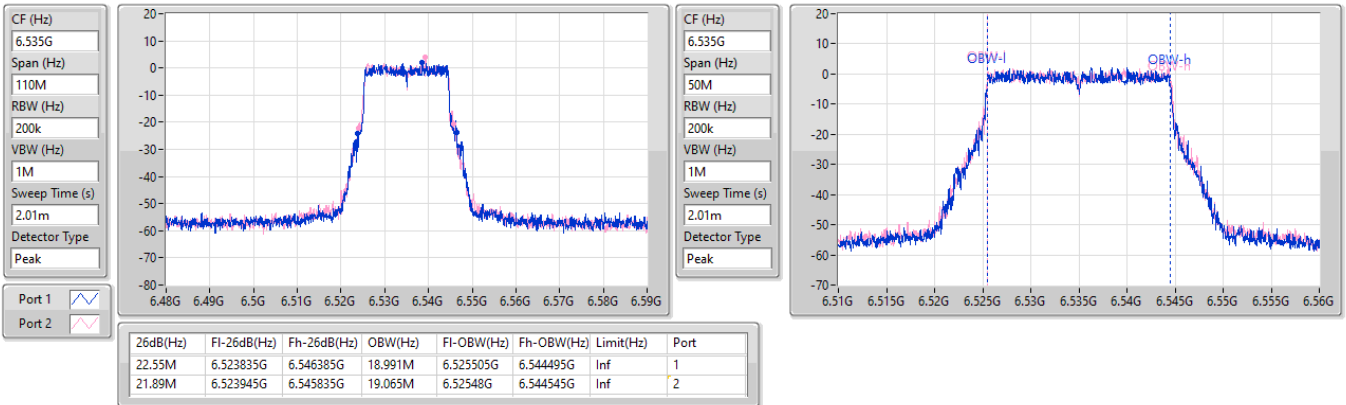


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6535MHz

11/09/2024

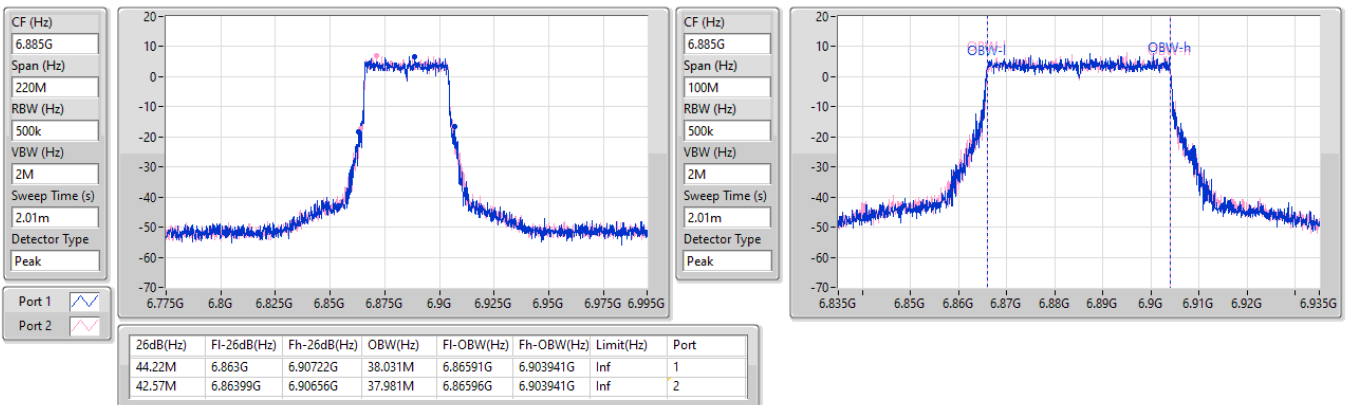


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6885MHz

11/09/2024

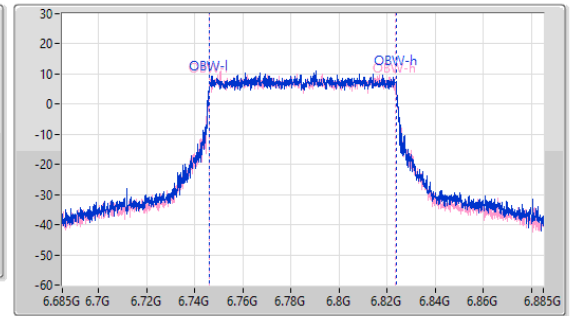
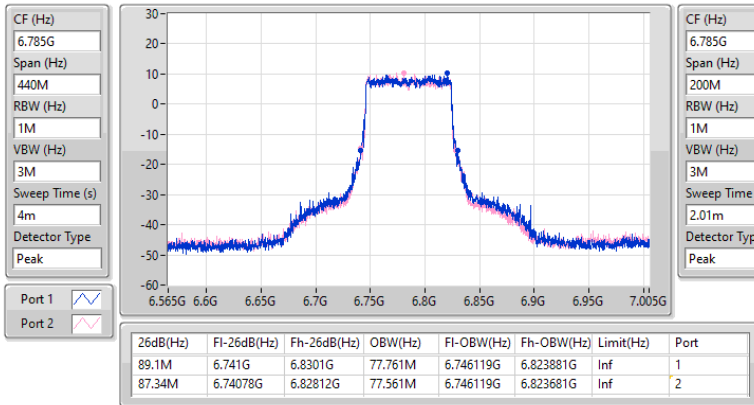


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6785MHz

11/09/2024

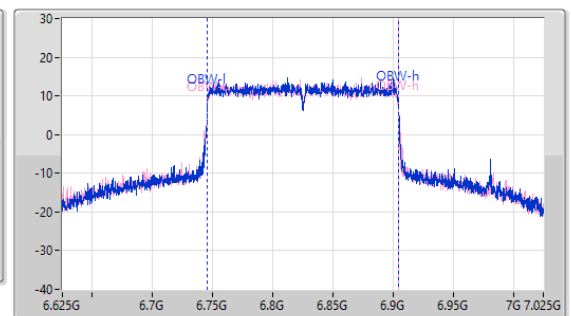
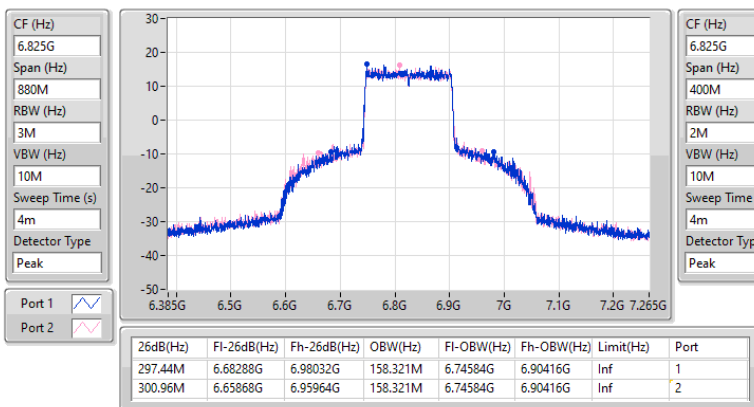


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6825MHz

11/09/2024

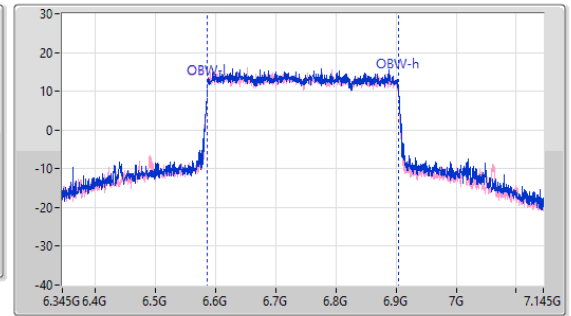
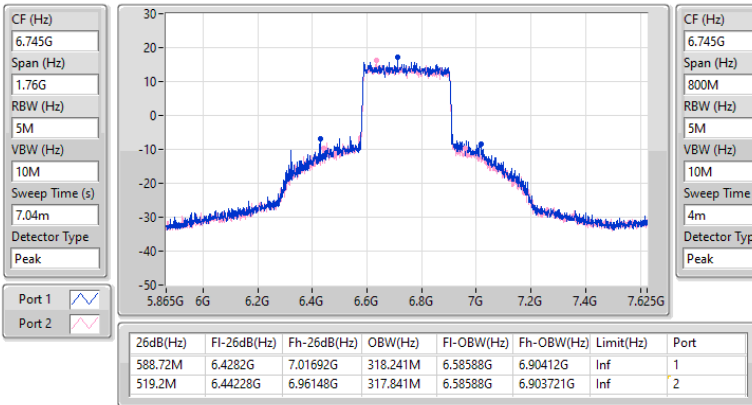


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6745MHz

11/09/2024

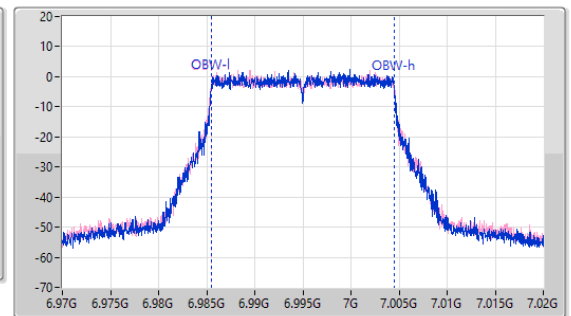
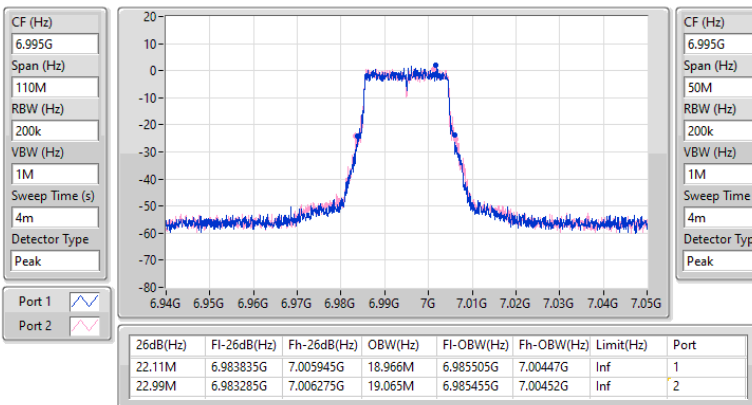


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6995MHz

11/09/2024

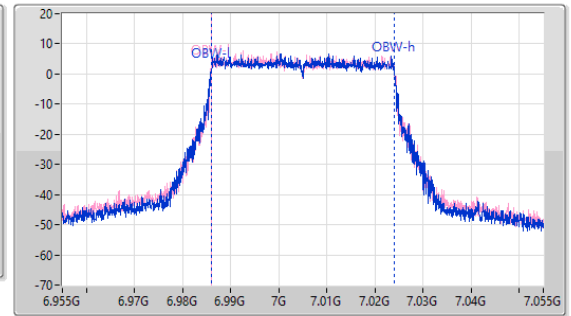
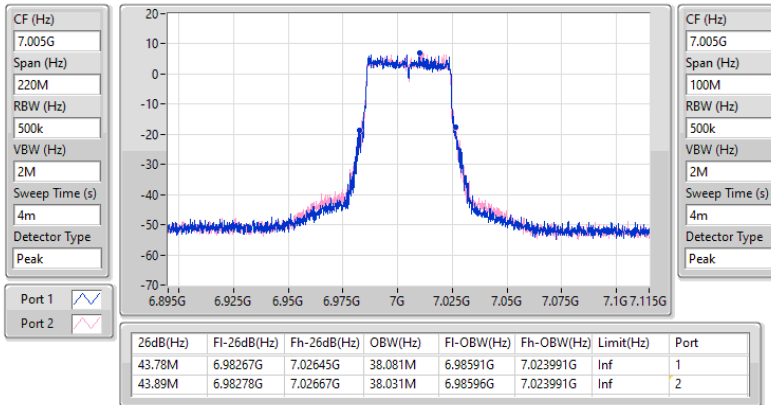


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

7005MHz

11/09/2024

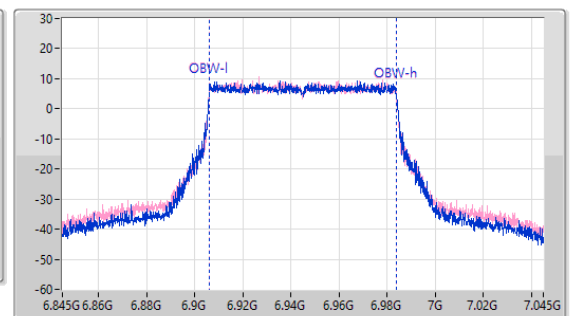
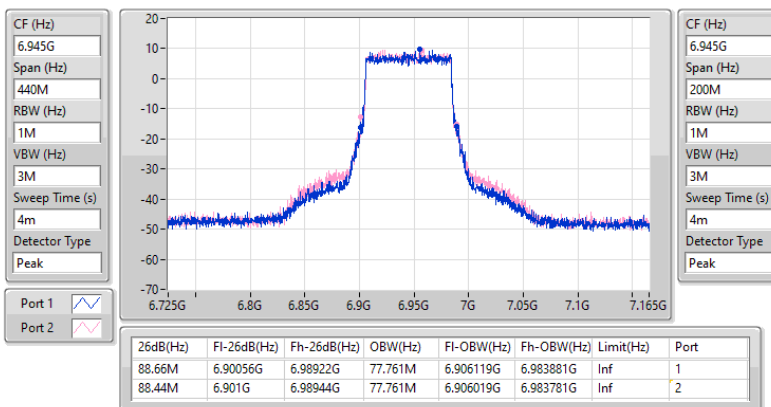


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6945MHz

11/09/2024

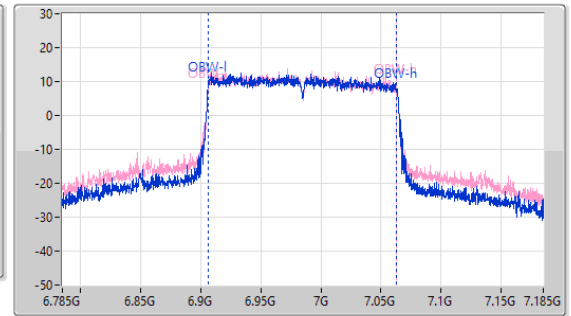
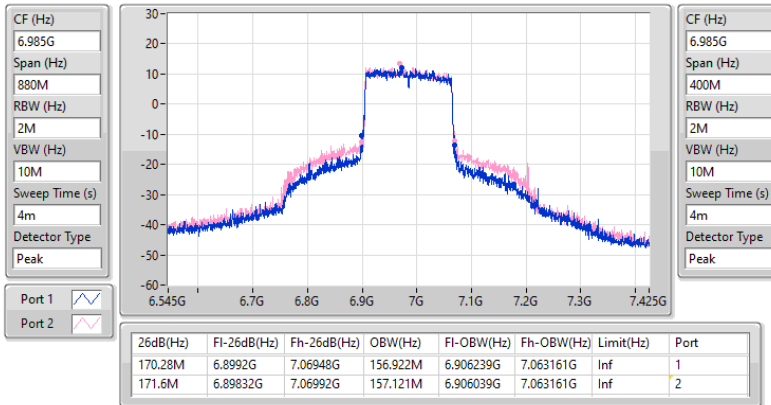


6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6985MHz

11/09/2024



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	22.66M	19.065M	19M1D1D	21.065M	18.991M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	43.12M	37.981M	38M0D1D	42.13M	37.881M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	87.78M	77.661M	77M7D1D	82.5M	77.461M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	171.6M	157.721M	158MD1D	167.64M	156.122M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	597.52M	319.44M	319MD1D	332.64M	314.643M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	22.385M	19.09M	19M1D1D	20.9M	19.015M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	43.23M	38.031M	38M0D1D	41.91M	37.931M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	88.22M	77.761M	77M8D1D	83.6M	77.561M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	201.96M	157.121M	157MD1D	166.76M	157.121M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	552.64M	317.441M	317MD1D	421.52M	316.242M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	22.165M	19.04M	19M0D1D	20.9M	18.966M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	43.23M	38.081M	38M1D1D	42.13M	37.881M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	87.78M	78.361M	78M4D1D	84.7M	77.461M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	264M	157.521M	158MD1D	168.96M	156.922M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	606.32M	317.041M	317MD1D	331.76M	314.643M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	22.22M	19.065M	19M1D1D	21.23M	18.991M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	44.33M	38.031M	38M0D1D	42.57M	37.881M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	88.22M	77.761M	77M8D1D	86.46M	77.361M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	212.52M	156.722M	157MD1D	169.84M	156.522M

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	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-
5955MHz	Pass	21.835M	19.04M	22.66M	19.065M
6195MHz	Pass	21.065M	18.991M	21.67M	19.04M
6415MHz	Pass	21.175M	18.991M	22.165M	18.991M
6435MHz	Pass	21.835M	19.015M	21.01M	19.015M
6475MHz	Pass	22.385M	19.09M	21.285M	19.015M
6515MHz	Pass	20.9M	19.09M	21.505M	19.04M
6535MHz	Pass	22.165M	18.991M	21.12M	19.04M
6695MHz	Pass	20.9M	18.991M	21.34M	18.966M
6875MHz	Pass	21.395M	19.04M	21.175M	19.015M
6895MHz	Pass	22.22M	19.065M	21.78M	19.015M
6995MHz	Pass	21.56M	19.04M	21.505M	19.015M
7095MHz	Pass	21.505M	18.991M	22.11M	19.015M
7115MHz	Pass	21.725M	18.991M	21.23M	19.04M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-
5965MHz	Pass	42.13M	37.981M	42.68M	37.881M
6205MHz	Pass	42.13M	37.931M	42.35M	37.931M
6405MHz	Pass	42.79M	37.881M	43.12M	37.981M
6445MHz	Pass	42.46M	37.981M	43.01M	37.931M
6485MHz	Pass	41.91M	37.931M	43.23M	37.981M
6525MHz	Pass	42.02M	37.981M	43.01M	38.031M
6565MHz	Pass	42.13M	37.881M	42.57M	37.981M
6685MHz	Pass	42.13M	38.031M	43.23M	37.881M
6885MHz	Pass	42.79M	38.081M	42.13M	37.931M
6925MHz	Pass	43.34M	37.881M	42.79M	37.981M
7005MHz	Pass	44.33M	37.981M	43.78M	37.931M
7085MHz	Pass	43.23M	37.981M	42.57M	38.031M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-
5985MHz	Pass	85.58M	77.561M	87.34M	77.461M
6225MHz	Pass	87.78M	77.561M	84.7M	77.661M
6385MHz	Pass	83.6M	77.561M	82.5M	77.561M
6465MHz	Pass	83.6M	77.761M	87.78M	77.661M
6545MHz	Pass	87.34M	77.561M	88.22M	77.661M
6625MHz	Pass	87.78M	77.561M	86.46M	77.561M
6705MHz	Pass	85.36M	77.461M	87.56M	77.461M
6785MHz	Pass	86.46M	77.561M	87.78M	77.561M
6865MHz	Pass	86.68M	78.361M	84.7M	77.461M
6945MHz	Pass	86.46M	77.461M	88.22M	77.661M
7025MHz	Pass	86.46M	77.761M	86.68M	77.361M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-
6025MHz	Pass	171.16M	156.322M	171.6M	156.122M
6185MHz	Pass	169.84M	157.721M	167.64M	156.922M
6345MHz	Pass	171.16M	157.321M	170.28M	156.922M
6505MHz	Pass	201.96M	157.121M	166.76M	157.121M
6665MHz	Pass	264M	157.521M	168.96M	156.922M
6825MHz	Pass	241.56M	157.321M	170.72M	156.922M



Mode	Result	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
6985MHz	Pass	212.52M	156.722M	169.84M	156.522M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-	-	-	-	-
6105MHz	Pass	430.32M	315.442M	332.64M	314.643M
6265MHz	Pass	597.52M	317.041M	498.96M	316.642M
6425MHz	Pass	567.6M	319.44M	403.04M	316.242M
6585MHz	Pass	552.64M	317.441M	421.52M	316.242M
6745MHz	Pass	606.32M	317.041M	462M	316.242M
6905MHz	Pass	331.76M	316.242M	333.52M	314.643M

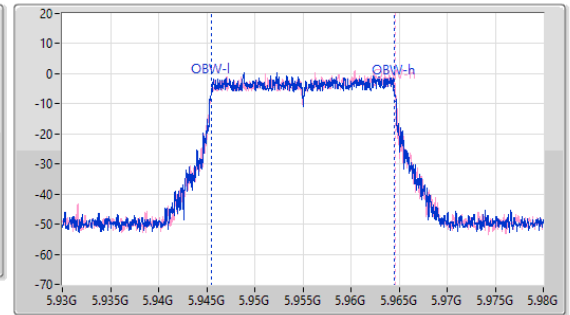
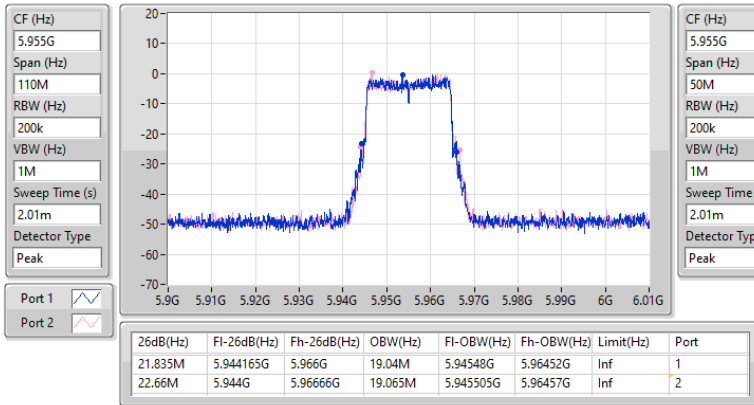
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

5955MHz

24/09/2024

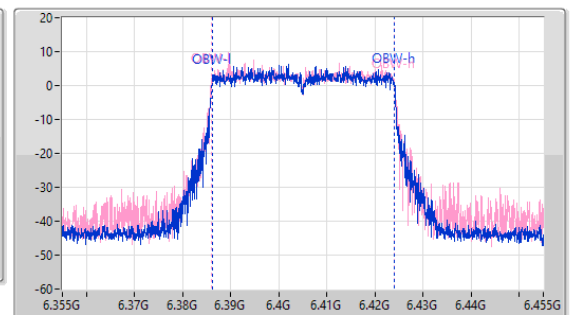
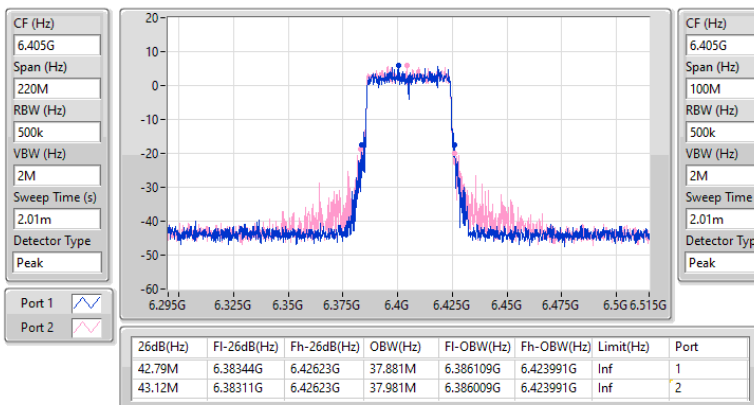


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6405MHz

24/09/2024

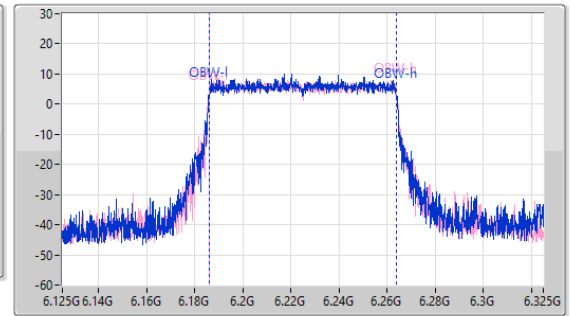
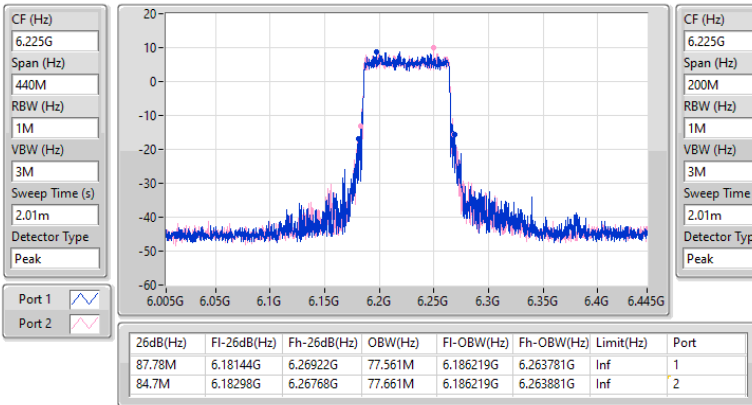


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

6225MHz

24/09/2024

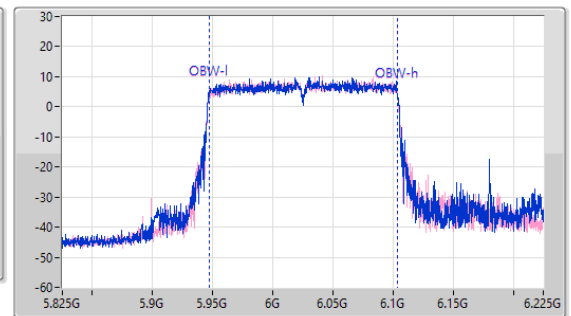
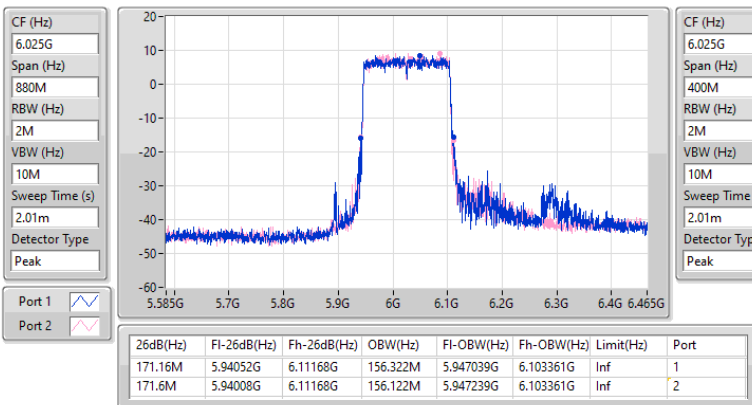


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

EBW

6025MHz

24/09/2024

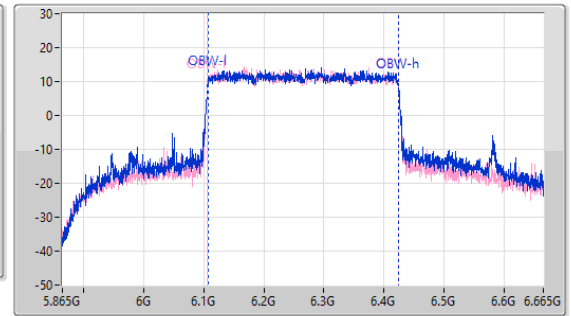
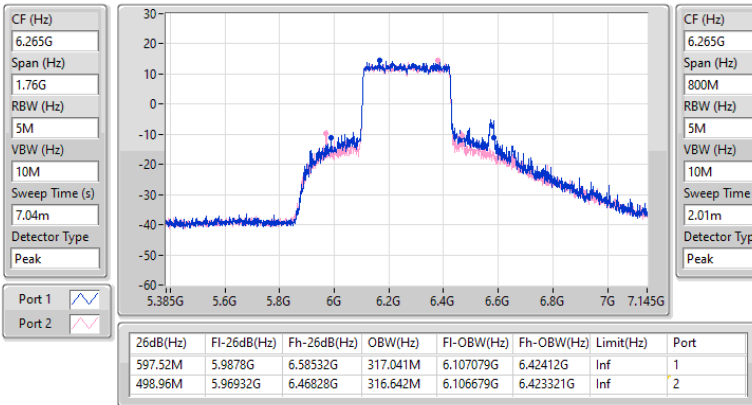


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX

EBW

6265MHz

24/09/2024

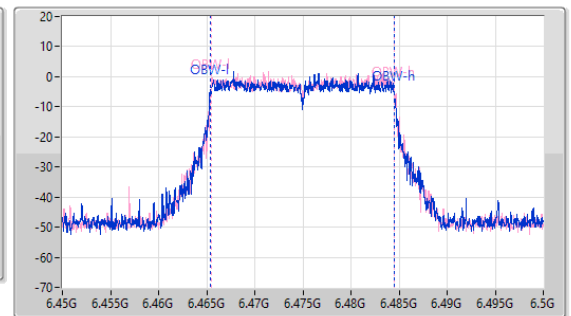
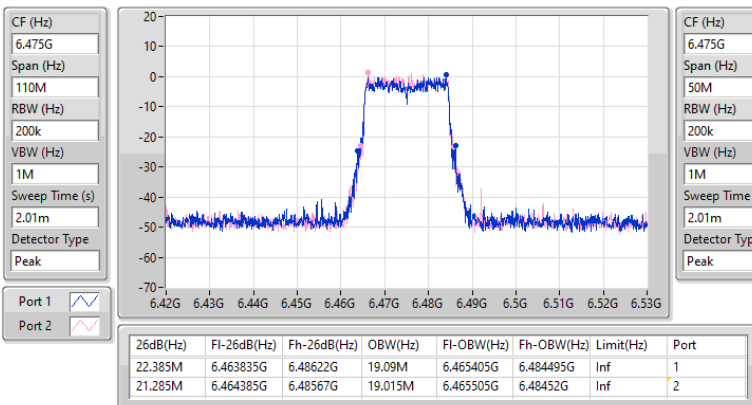


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

6475MHz

24/09/2024

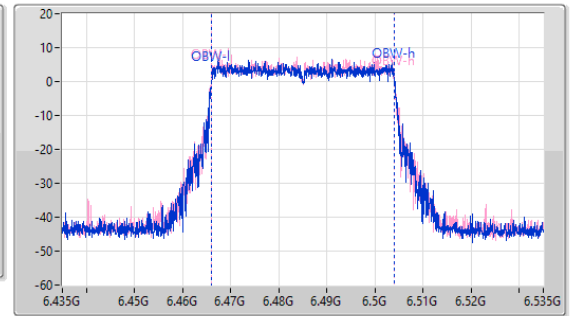
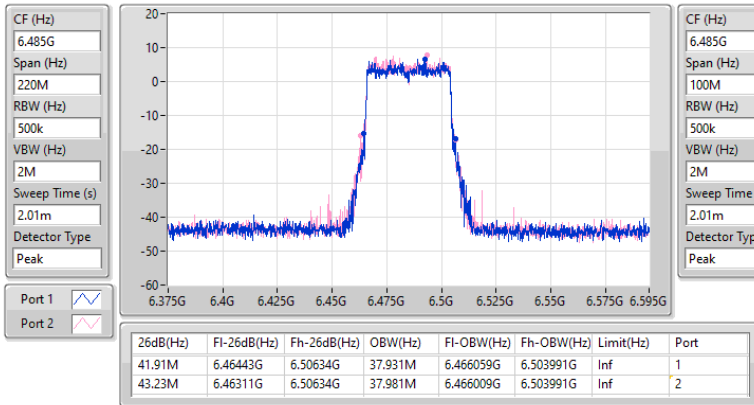


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6485MHz

24/09/2024

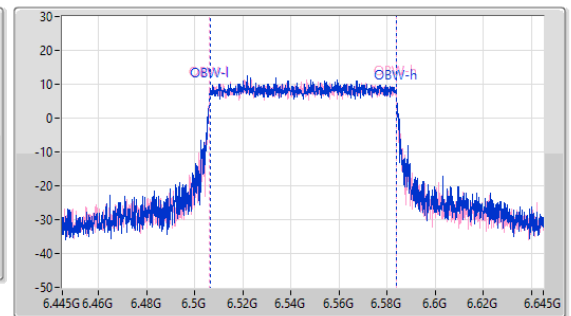
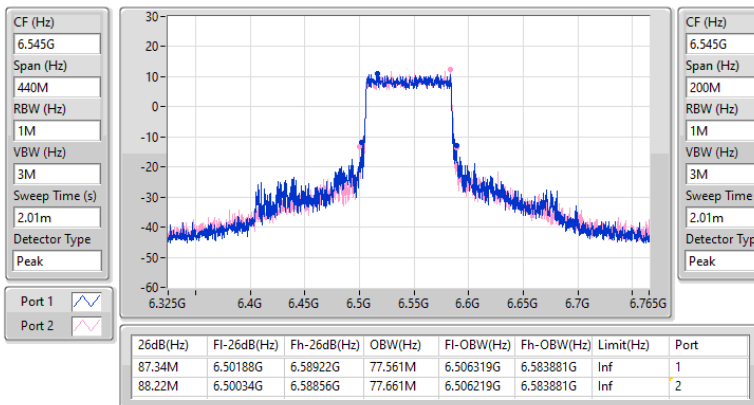


6.425-6.525GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

6545MHz

24/09/2024

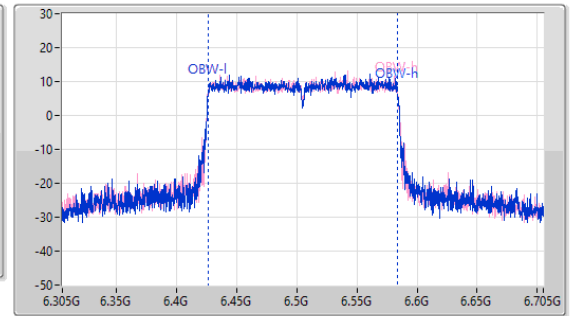
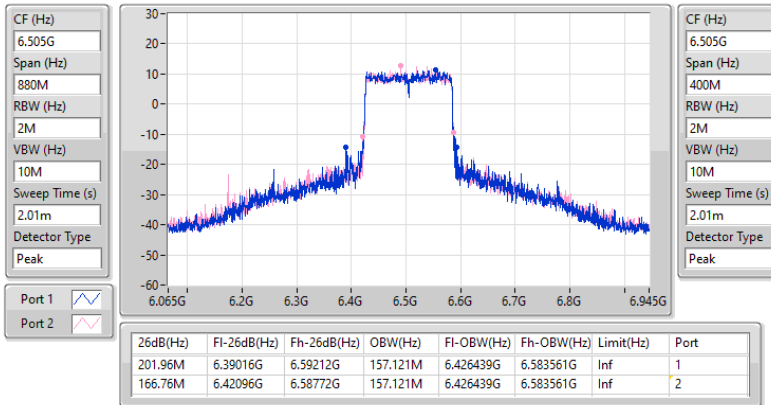


6.425-6.525GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

EBW

6505MHz

24/09/2024

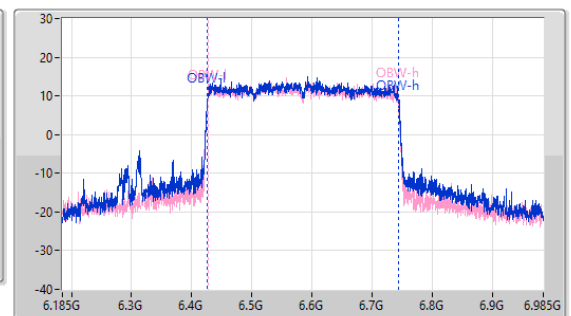
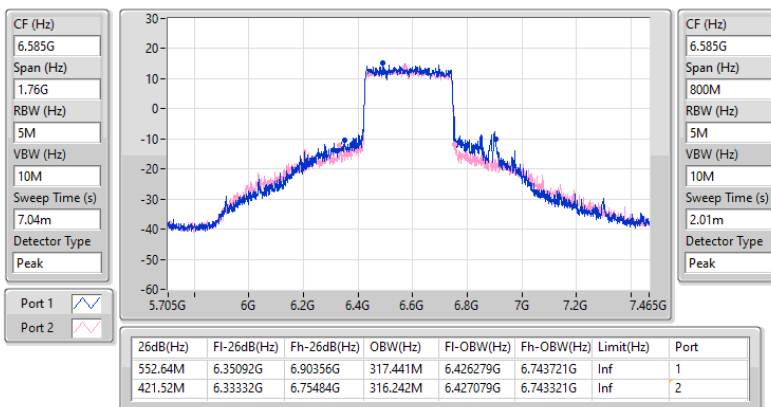


6.425-6.525GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX

EBW

6585MHz

24/09/2024

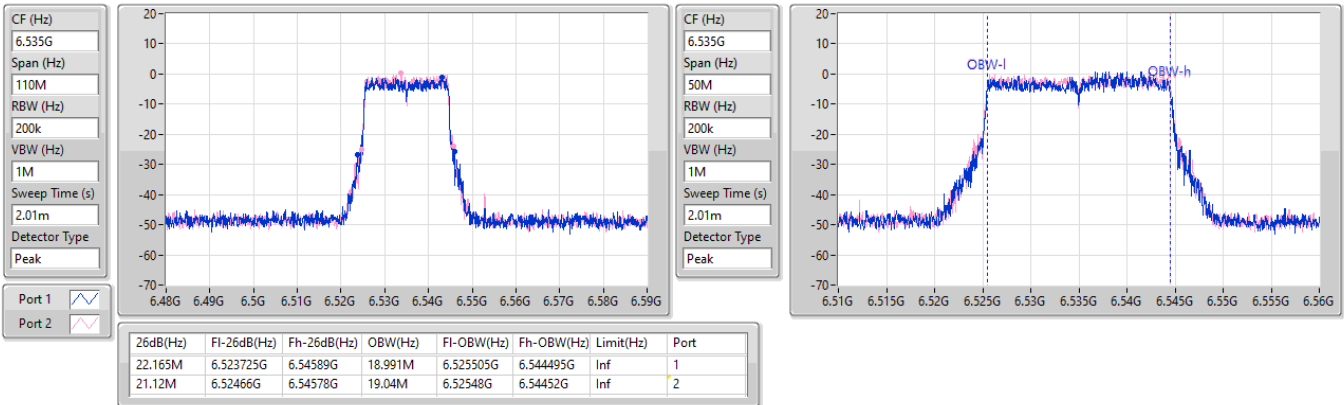


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

6535MHz

24/09/2024

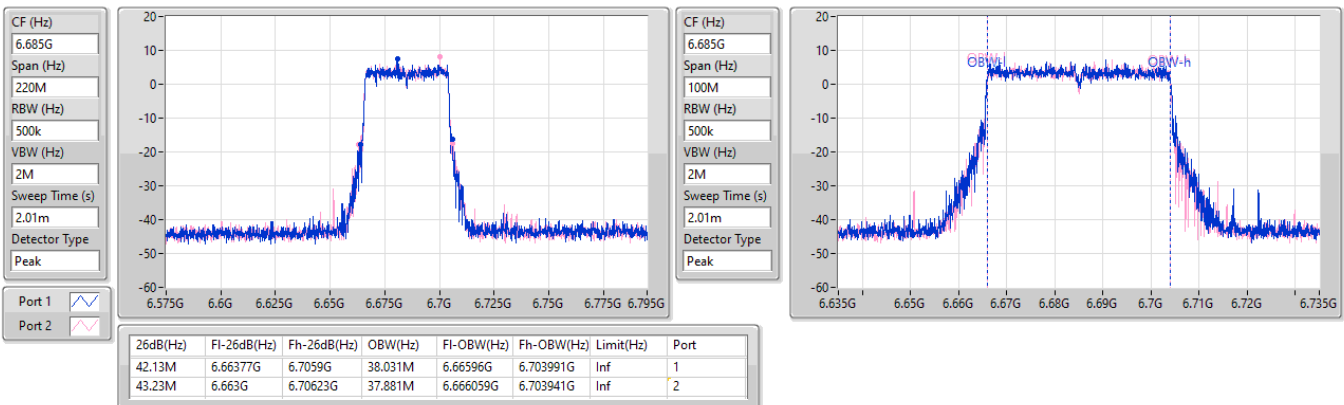


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6685MHz

24/09/2024

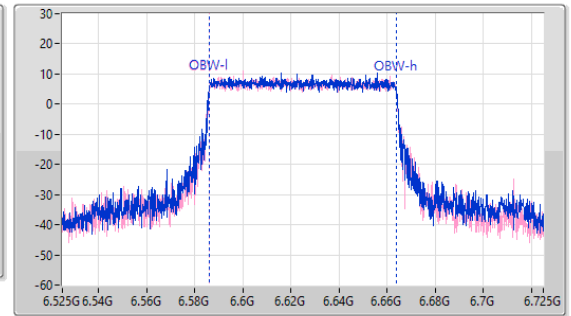
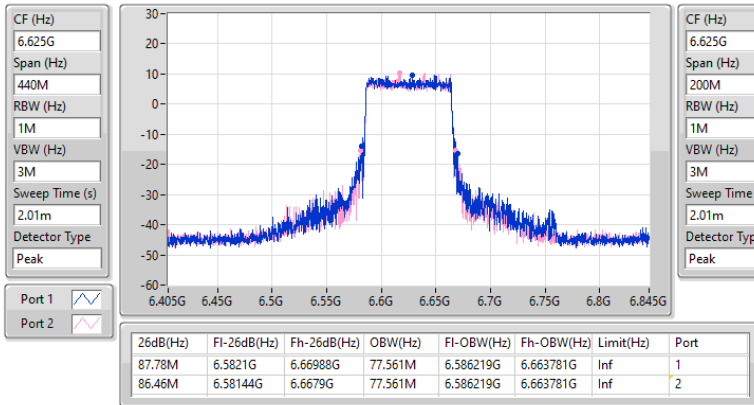


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

6625MHz

24/09/2024

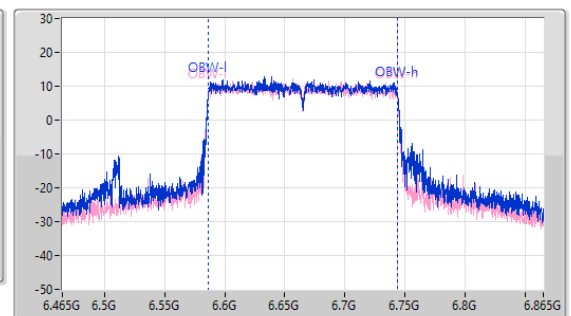
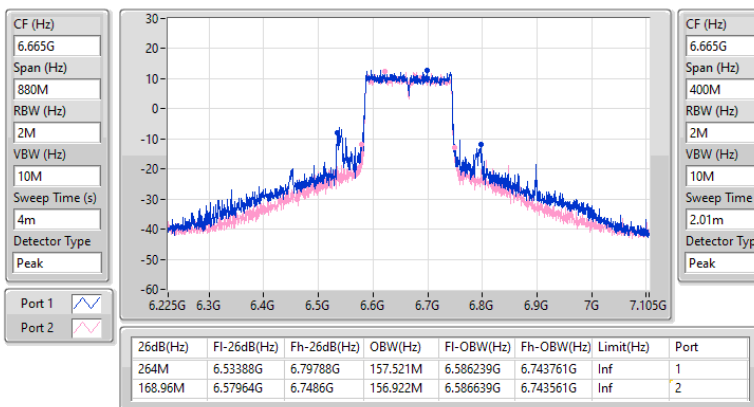


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

EBW

6665MHz

24/09/2024

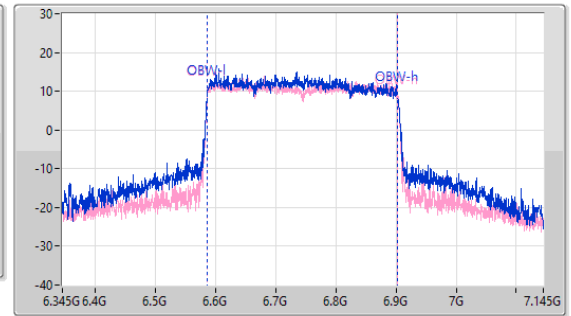
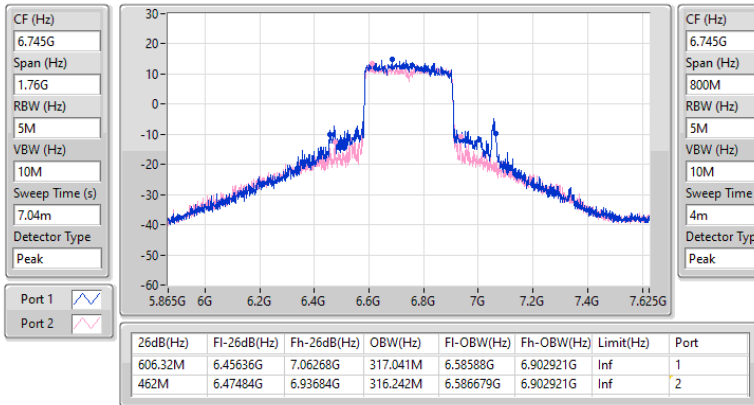


6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX

EBW

6745MHz

24/09/2024

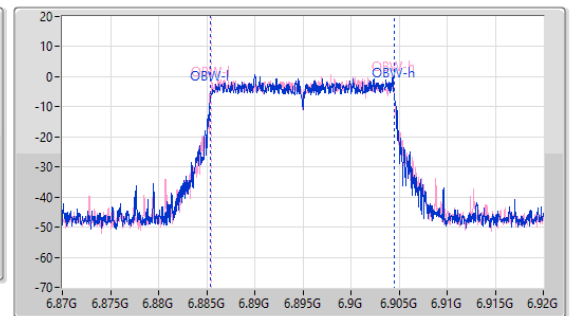
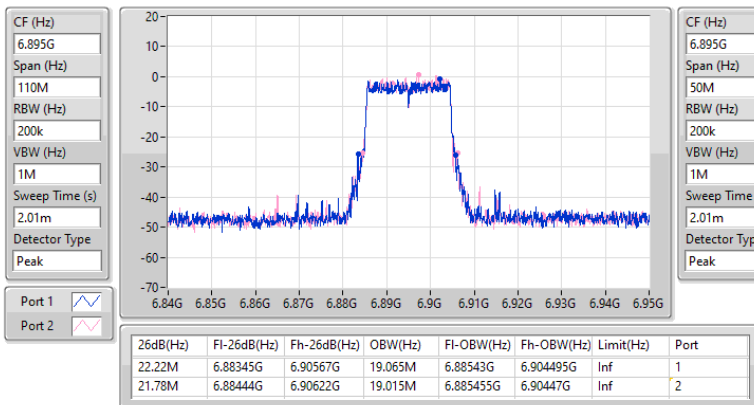


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

6895MHz

24/09/2024

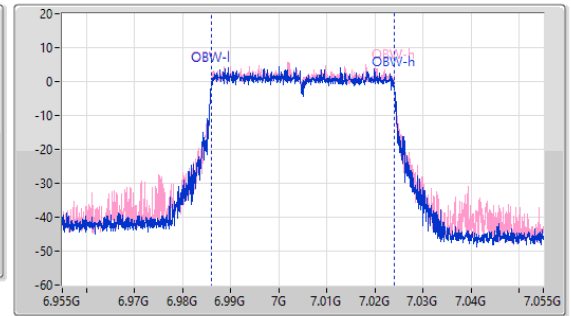
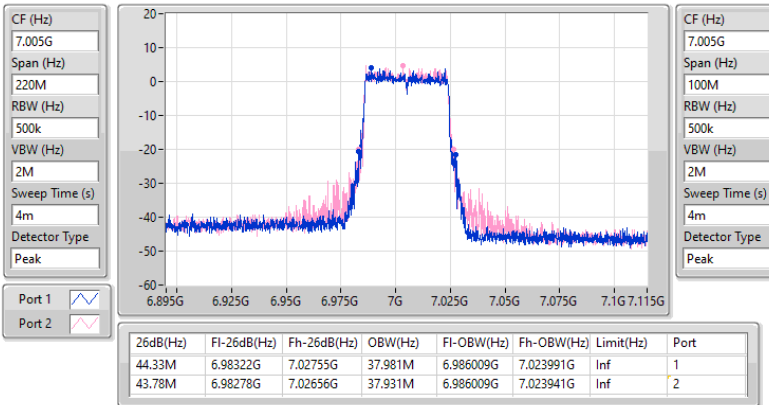


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

7005MHz

24/09/2024

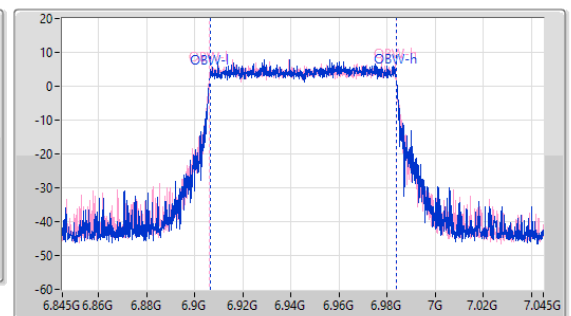
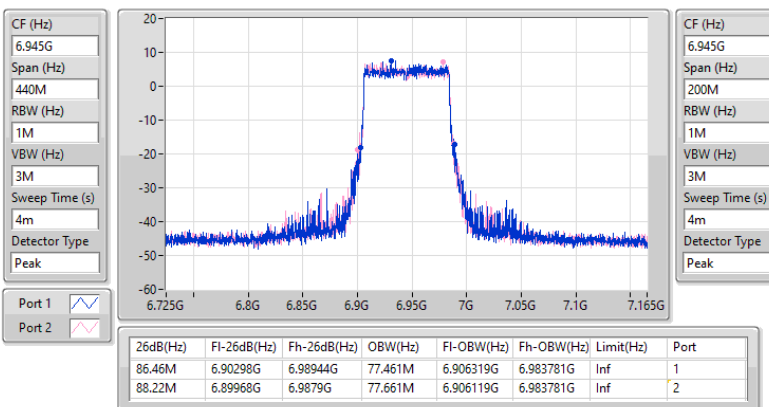


6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

6945MHz

24/09/2024

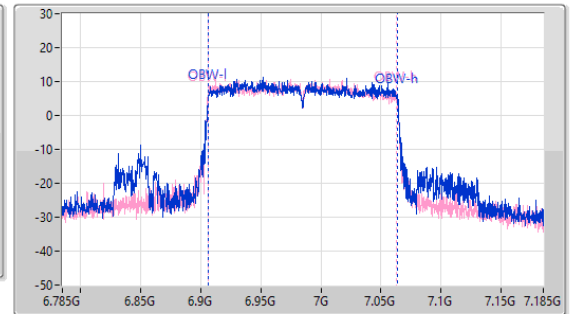
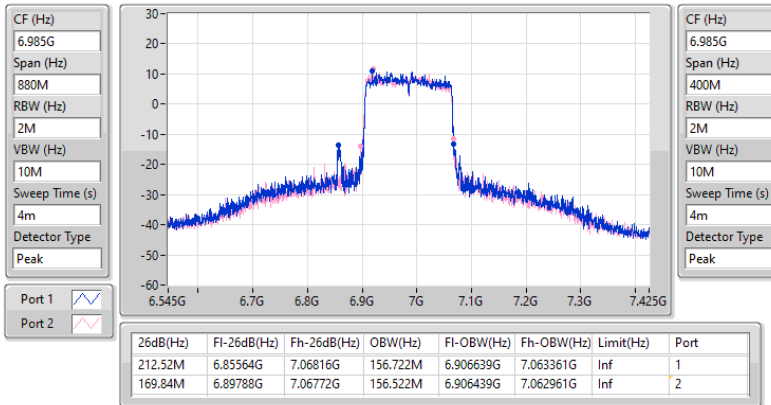


6.875-7.125GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

EBW

6985MHz

24/09/2024



**Summary**

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	18.07	0.06412
802.11be EHT40_Nss1,(MCS0)_1TX	21.03	0.12677
802.11be EHT80_Nss1,(MCS0)_1TX	24.10	0.25704
802.11be EHT160_Nss1,(MCS0)_1TX	25.94	0.39264
802.11be EHT320_Nss1,(MCS0)_1TX	26.34	0.43053
6.425-6.525GHz	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	18.30	0.06761
802.11be EHT40_Nss1,(MCS0)_1TX	21.29	0.13459
802.11be EHT80_Nss1,(MCS0)_1TX	23.71	0.23496
802.11be EHT160_Nss1,(MCS0)_1TX	24.60	0.28840
6.525-6.875GHz	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	18.32	0.06792
802.11be EHT40_Nss1,(MCS0)_1TX	20.92	0.12359
802.11be EHT80_Nss1,(MCS0)_1TX	23.56	0.22699
802.11be EHT160_Nss1,(MCS0)_1TX	23.76	0.23768
802.11be EHT320_Nss1,(MCS0)_1TX	24.34	0.27164
6.875-7.125GHz	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	18.78	0.07551
802.11be EHT40_Nss1,(MCS0)_1TX	20.61	0.11508
802.11be EHT80_Nss1,(MCS0)_1TX	20.55	0.11350
802.11be EHT160_Nss1,(MCS0)_1TX	20.40	0.10965
802.11be EHT320_Nss1,(MCS0)_1TX	23.52	0.22491

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-
5955MHz	Pass	17.52	30.00
6195MHz	Pass	18.07	30.00
6415MHz	Pass	17.98	30.00
6435MHz	Pass	18.30	30.00
6475MHz	Pass	17.98	30.00
6515MHz	Pass	18.11	30.00
6535MHz	Pass	17.53	30.00
6695MHz	Pass	18.32	30.00
6875MHz	Pass	17.70	30.00
6895MHz	Pass	18.78	30.00
6995MHz	Pass	17.88	30.00
7095MHz	Pass	18.11	30.00
7115MHz	Pass	9.37	30.00
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-
5965MHz	Pass	21.03	30.00
6205MHz	Pass	20.91	30.00
6405MHz	Pass	21.02	30.00
6445MHz	Pass	20.73	30.00
6485MHz	Pass	21.29	30.00
6525MHz	Pass	21.12	30.00
6565MHz	Pass	20.92	30.00
6685MHz	Pass	20.33	30.00
6885MHz	Pass	20.90	30.00
6925MHz	Pass	20.61	30.00
7005MHz	Pass	20.29	30.00
7085MHz	Pass	20.02	30.00
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-
5985MHz	Pass	23.98	30.00
6225MHz	Pass	24.10	30.00
6385MHz	Pass	23.79	30.00
6465MHz	Pass	23.71	30.00
6545MHz	Pass	23.33	30.00
6625MHz	Pass	23.19	30.00
6705MHz	Pass	23.14	30.00
6785MHz	Pass	23.56	30.00
6865MHz	Pass	23.50	30.00
6945MHz	Pass	20.17	30.00
7025MHz	Pass	20.55	30.00
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-
6025MHz	Pass	25.60	30.00
6185MHz	Pass	25.70	30.00
6345MHz	Pass	25.94	30.00
6505MHz	Pass	24.60	30.00
6665MHz	Pass	23.76	30.00
6825MHz	Pass	22.27	30.00



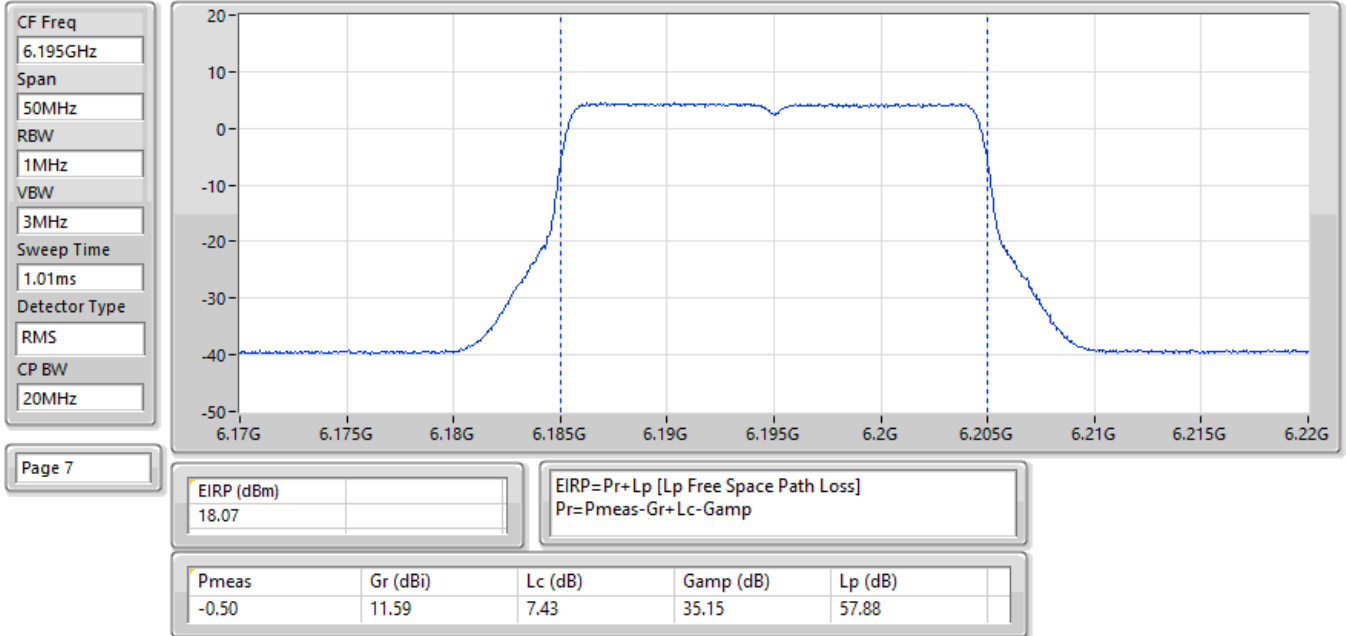
Radiated EIRP_Non-Beamforming_Radio 2_1TX_LPI

Appendix C.1

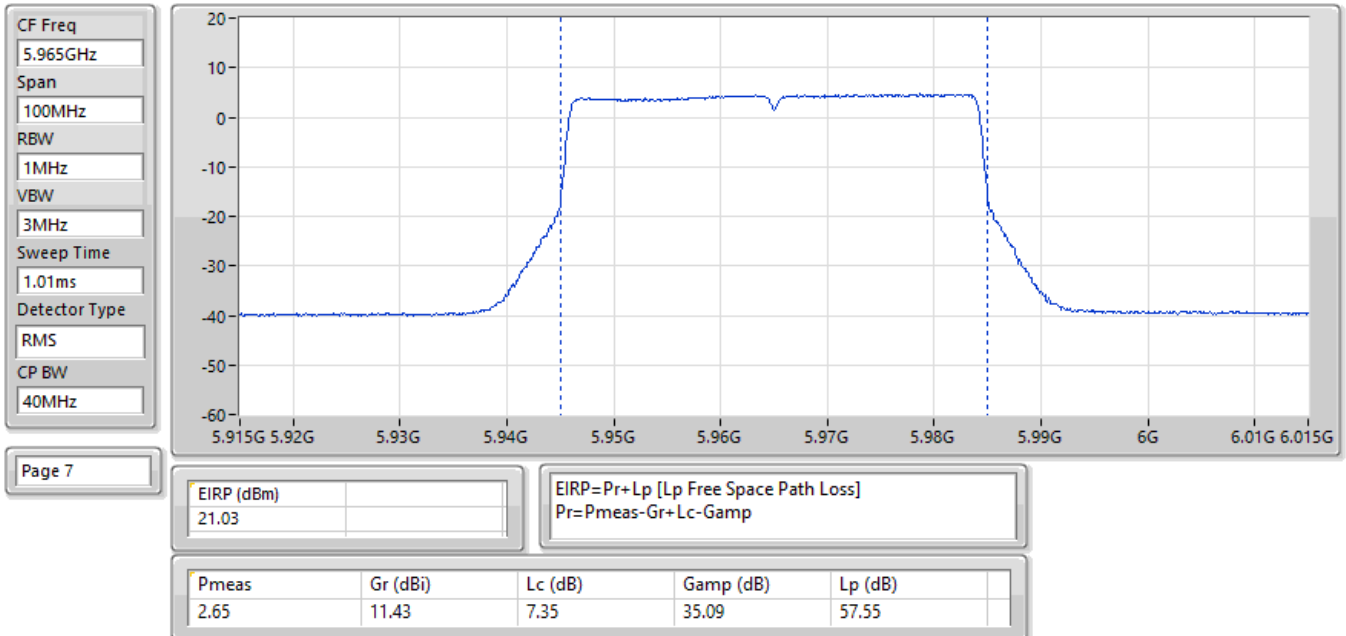
Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
6985MHz	Pass	20.40	30.00
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-
6105MHz	Pass	26.10	30.00
6265MHz	Pass	26.34	30.00
6425MHz	Pass	24.95	30.00
6585MHz	Pass	24.34	30.00
6745MHz	Pass	23.29	30.00
6905MHz	Pass	23.52	30.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

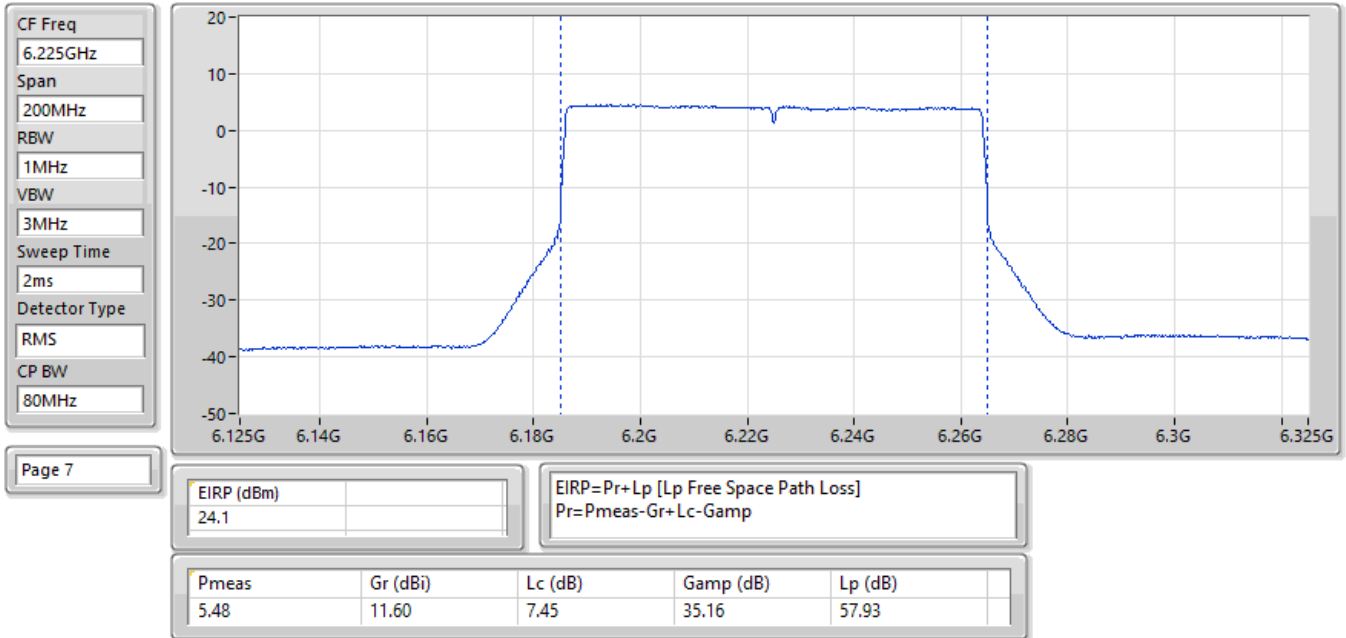
EIRP;Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:1(1);Ch:6195MHz;TX



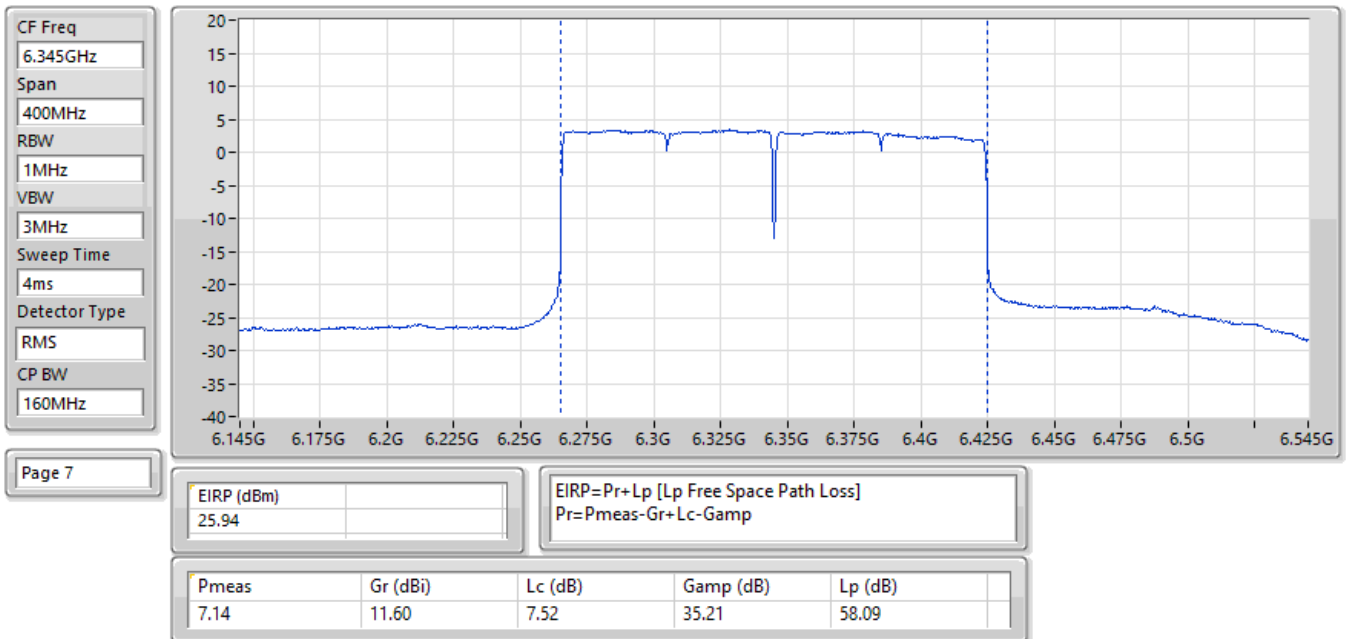
EIRP;Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:1(1);Ch:5965MHz;TX



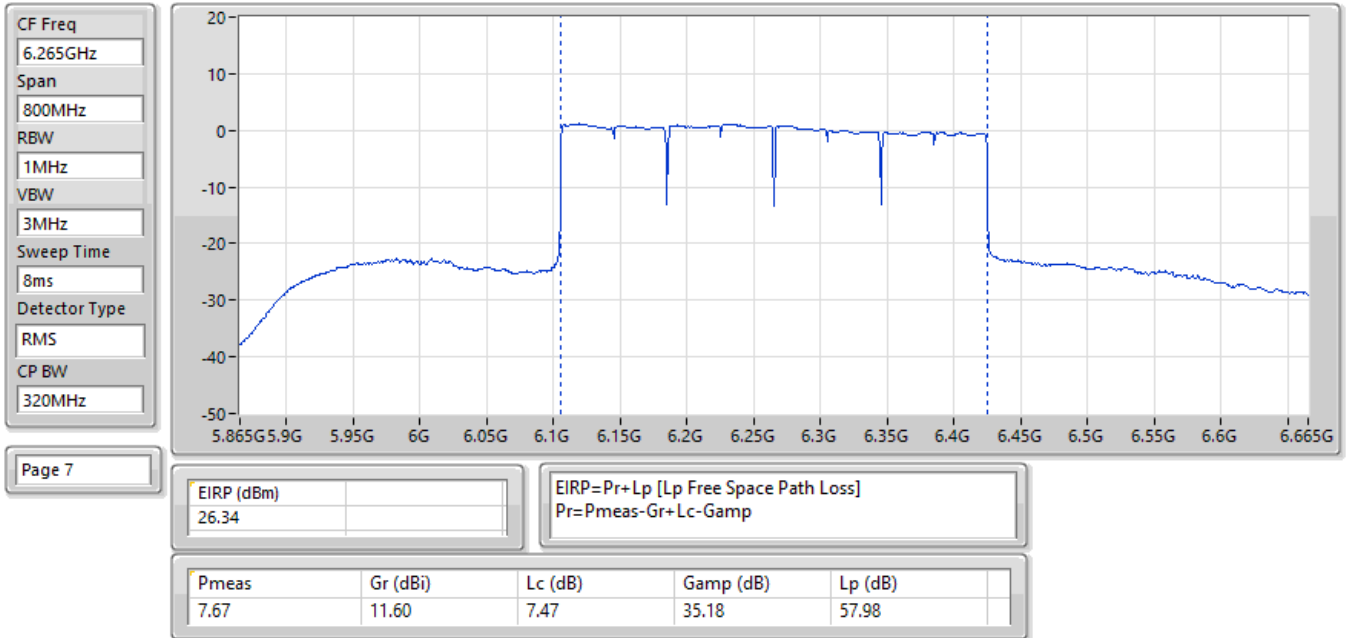
EIRP;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0);Nant:1(1);Ch:6225MHz;TX



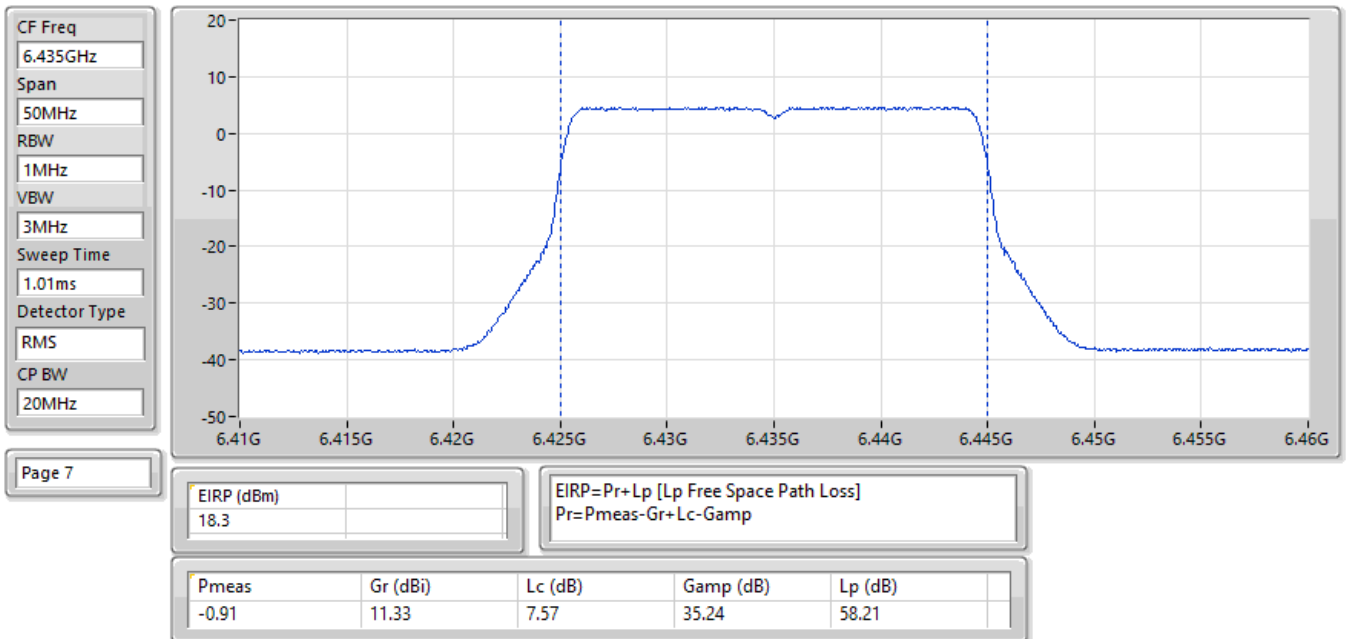
EIRP;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:1(1);Ch:6345MHz;TX



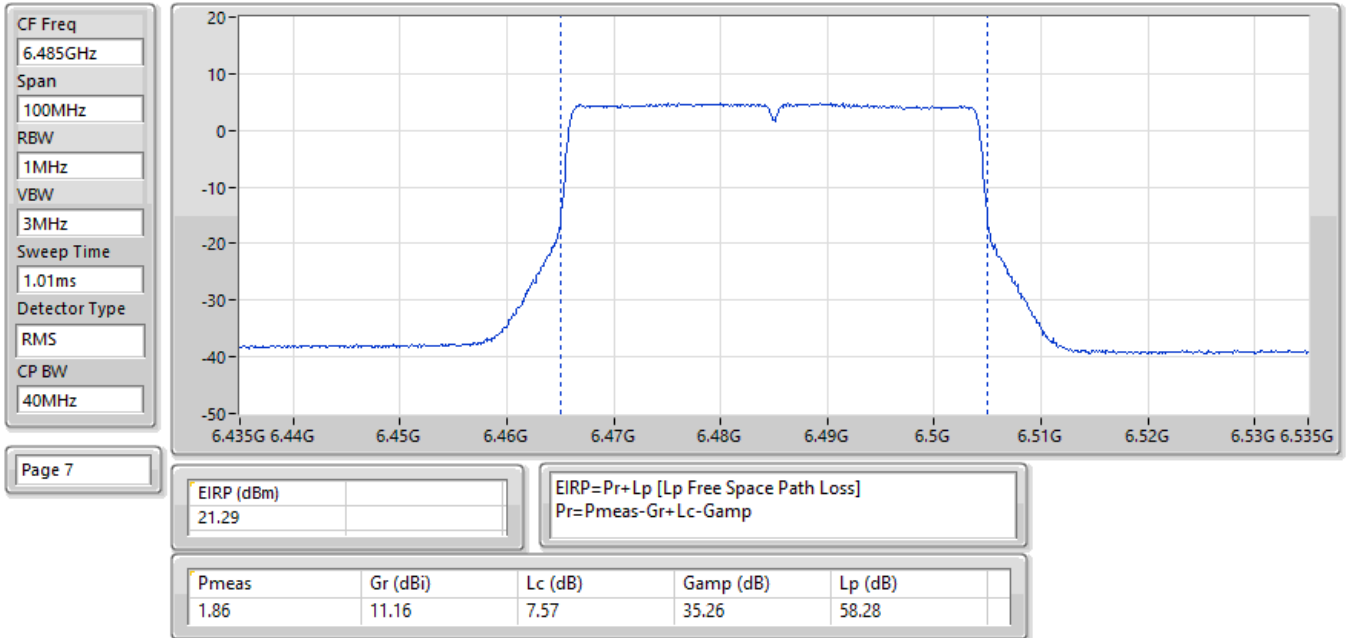
EIRP;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0);Nant:1(1);Ch:6265MHz;TX



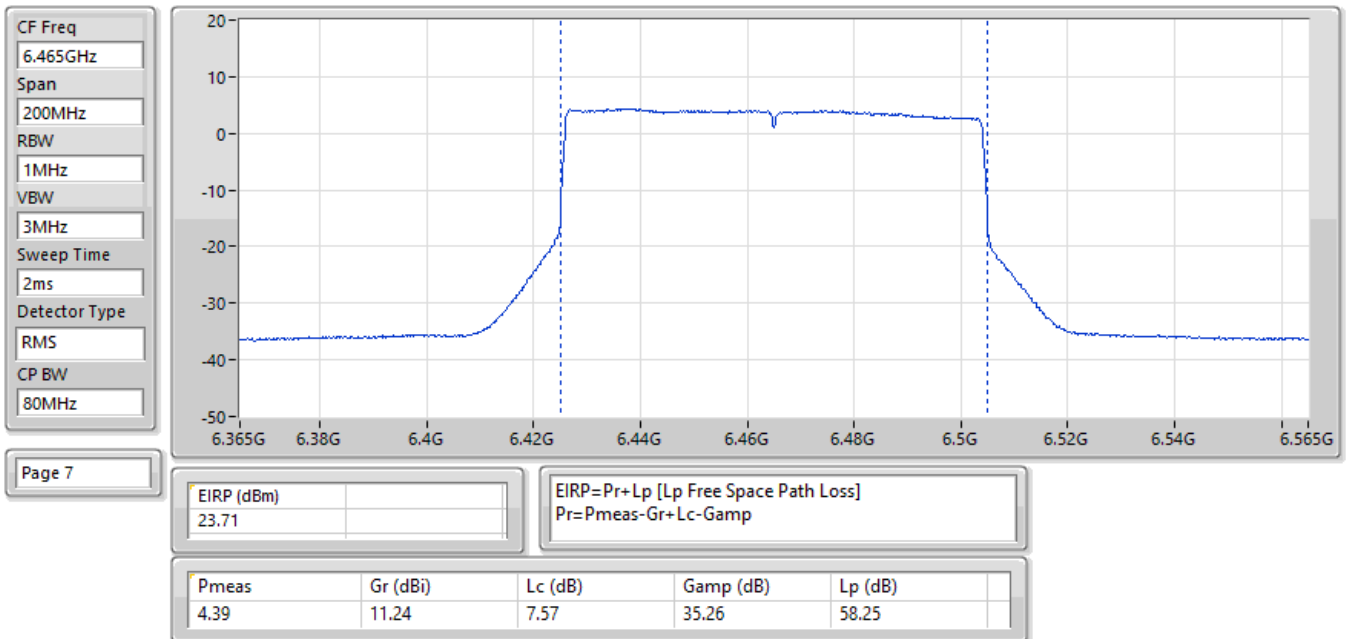
EIRP;Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:1(1);Ch:6435MHz;TX



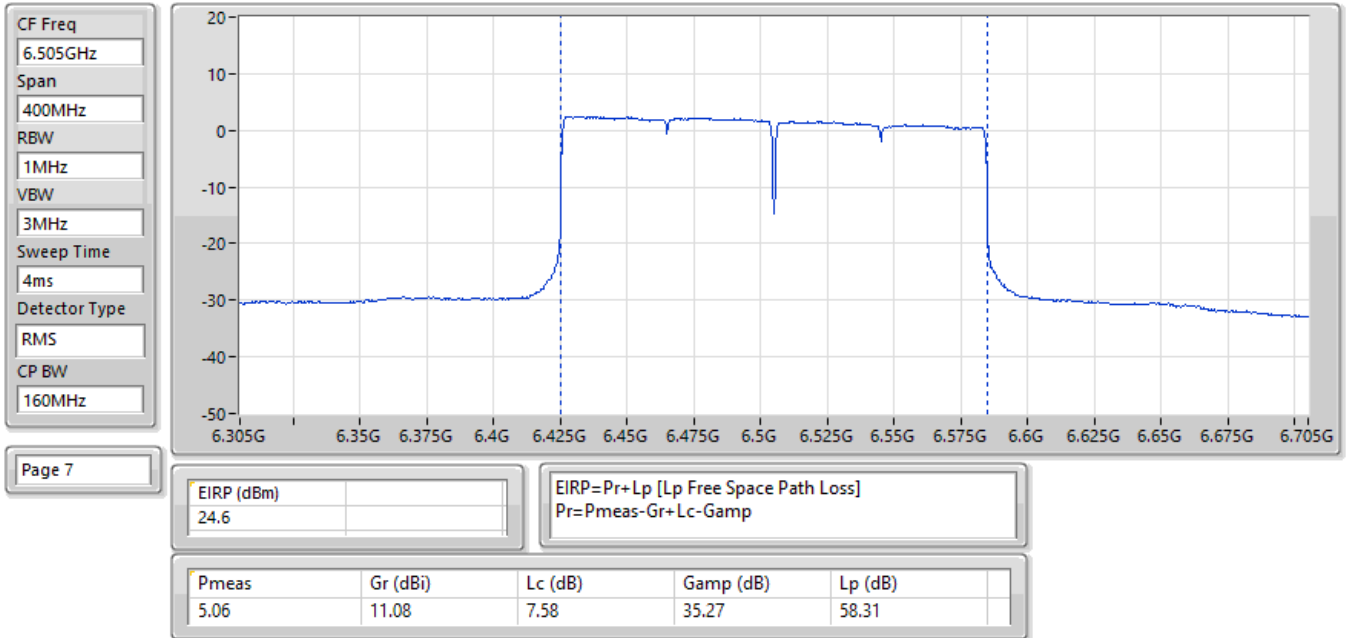
EIRP:Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:1(1);Ch:6485MHz;TX



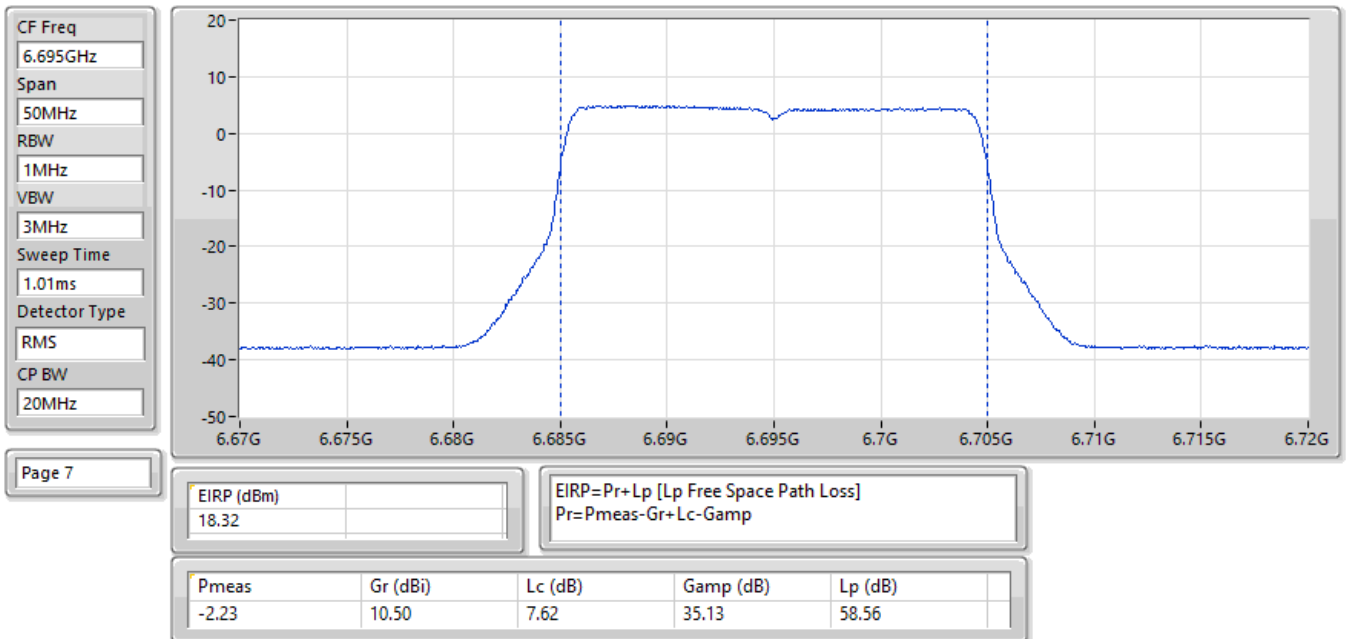
EIRP:Band:6.4G;be80;BWch:80MHz;Nss:1,(M0);Nant:1(1);Ch:6465MHz;TX



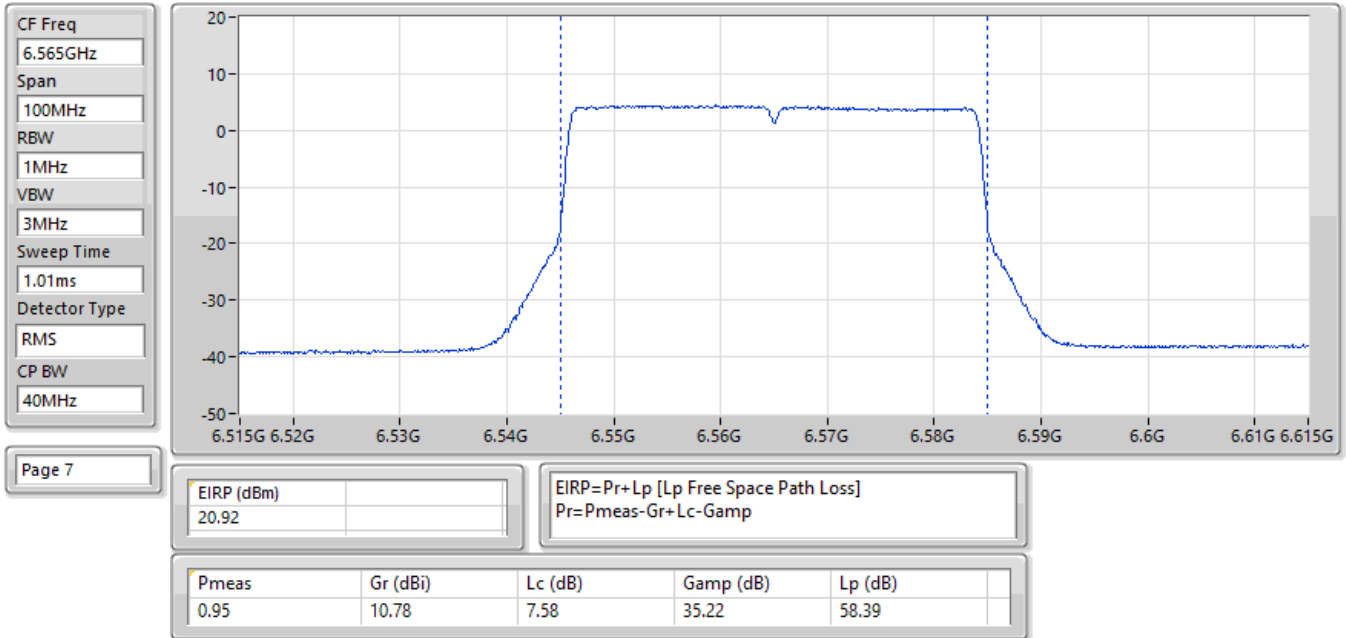
EIRP;Band:6.4G;be160;BWch:160MHz;Nss:1,(M0);Nant:1(1);Ch:6505MHz;TX



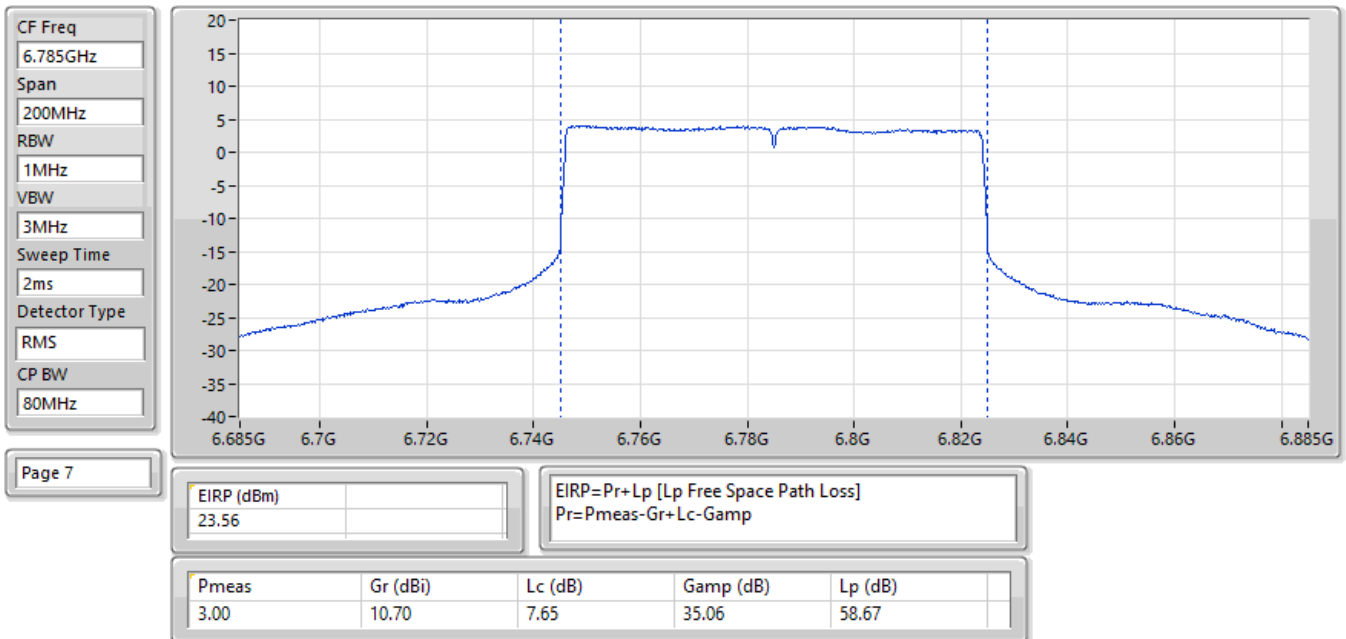
EIRP;Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:1(1);Ch:6695MHz;TX



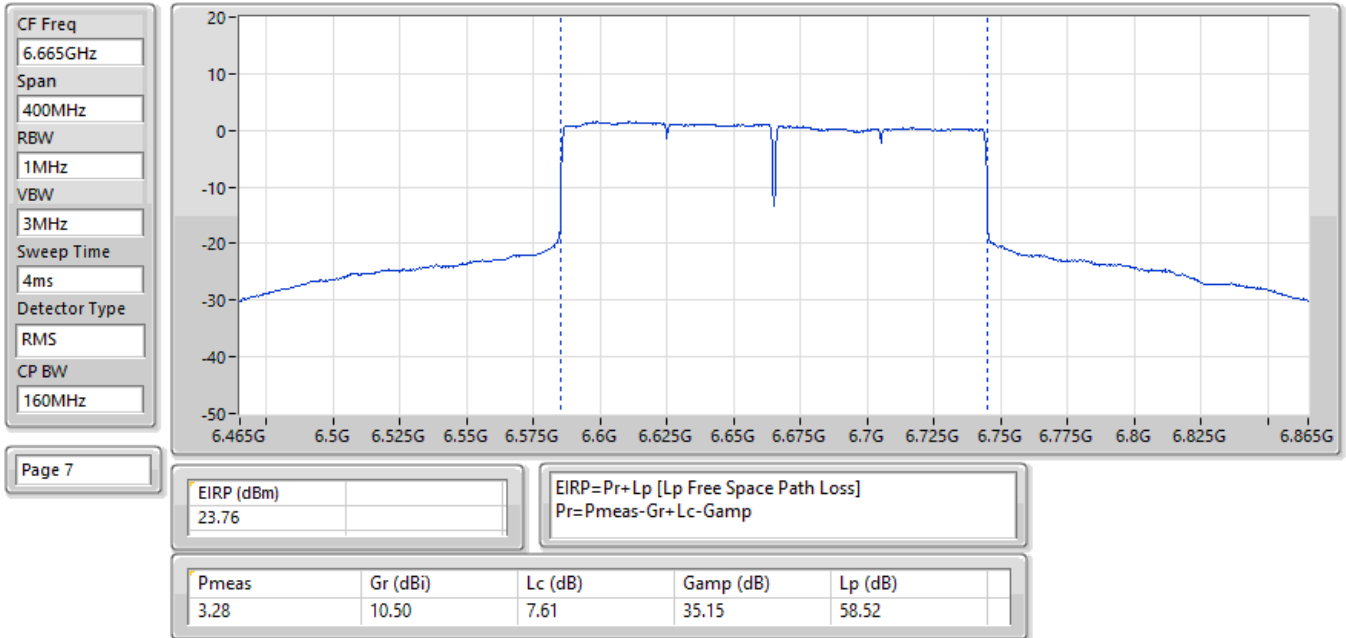
EIRP;Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:1(1);Ch:6565MHz;TX



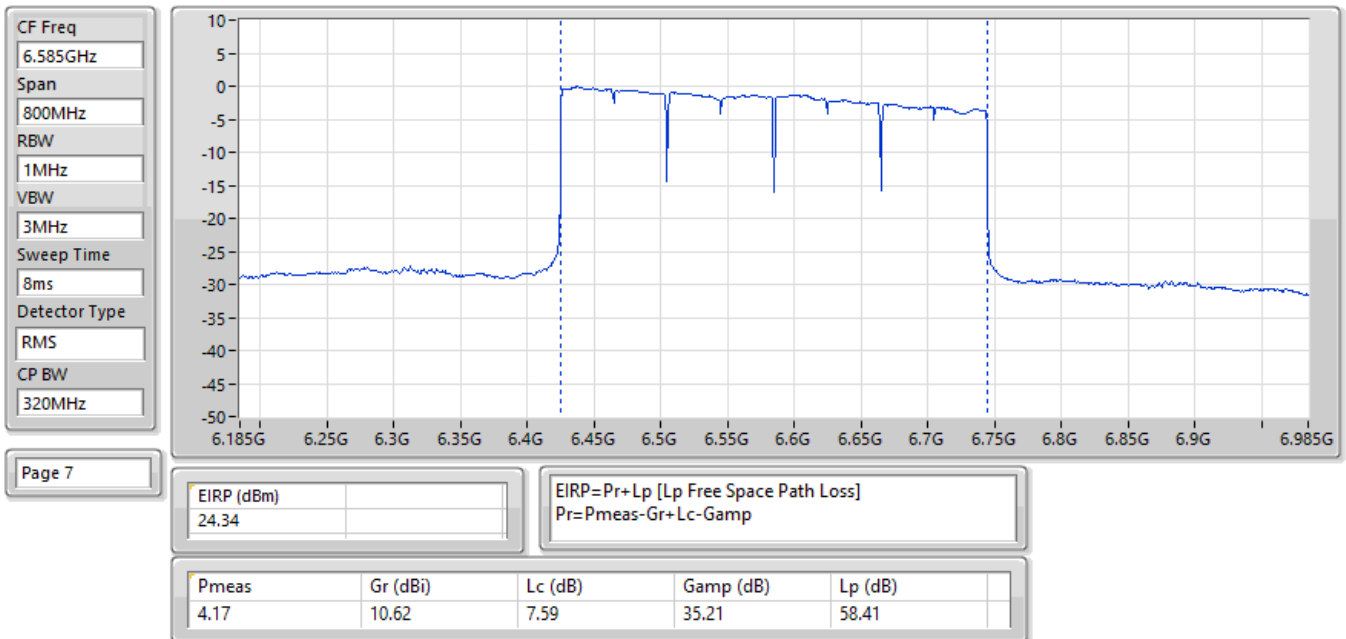
EIRP;Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:1(1);Ch:6785MHz;TX



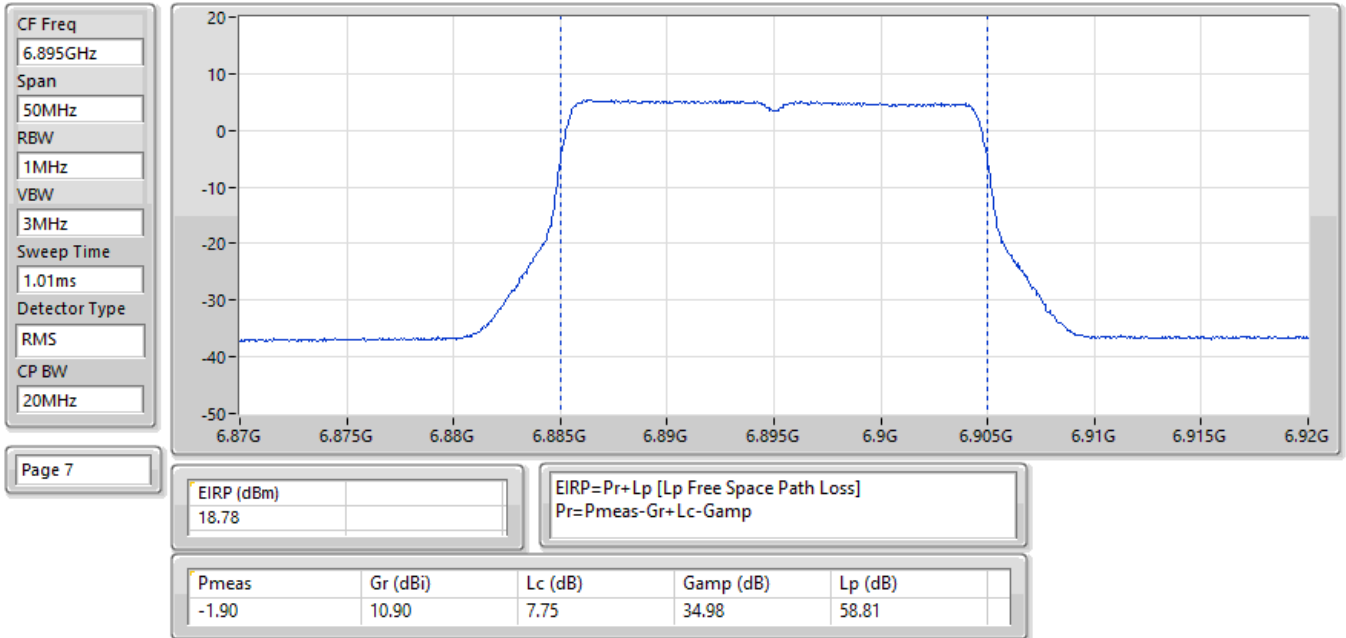
EIRP;Band:6.7G;be160;BWch:160MHz;Nss:1,(M0);Nant:1(1);Ch:6665MHz;TX



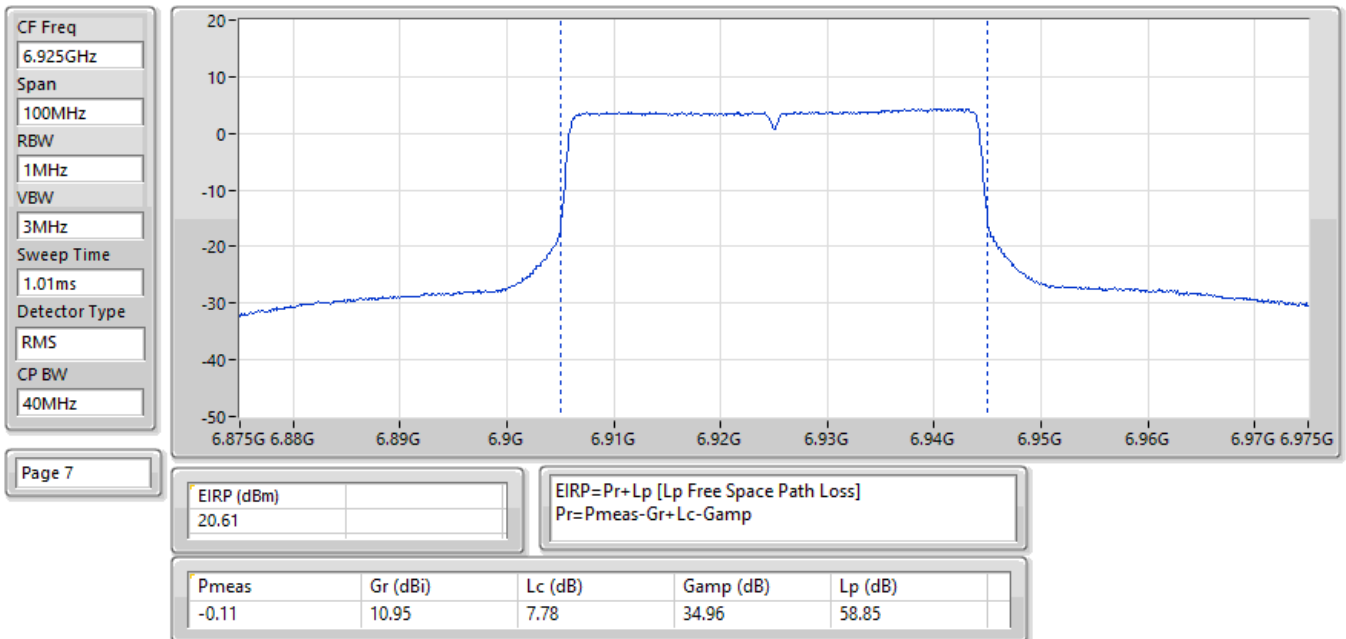
EIRP;Band:6.7G;be320;BWch:320MHz;Nss:1,(M0);Nant:1(1);Ch:6585MHz;TX



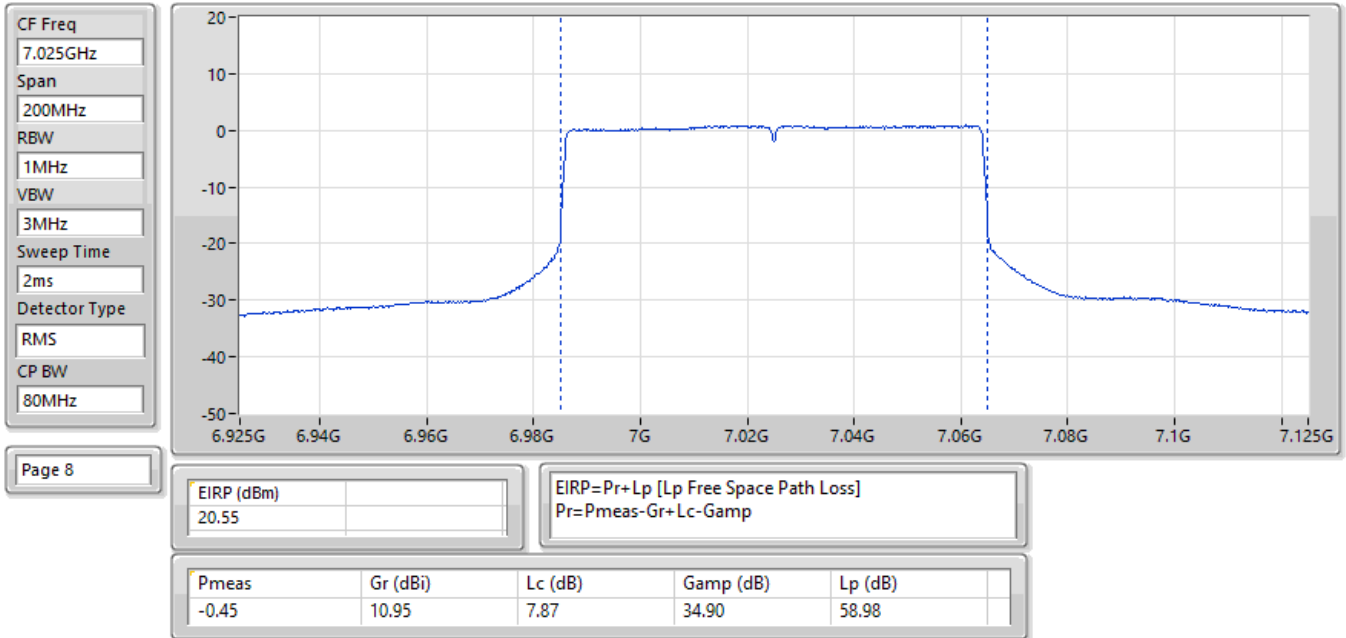
EIRP:Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:1(1);Ch:6895MHz;TX



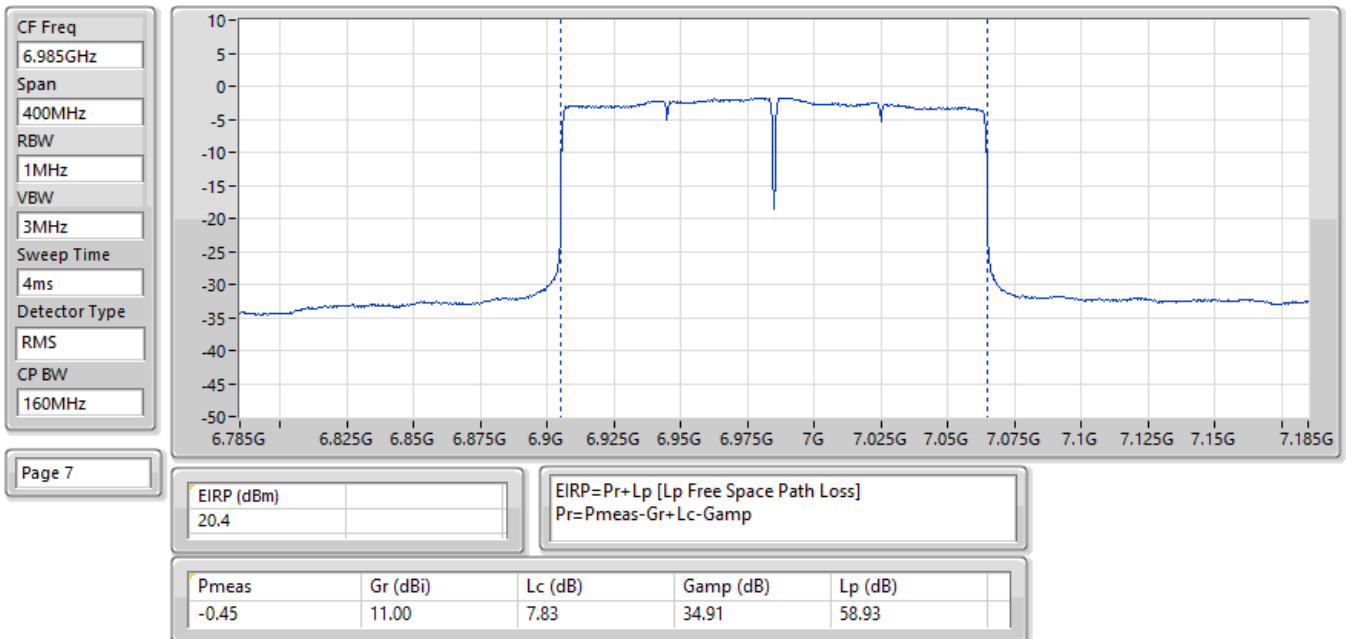
EIRP:Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:1(1);Ch:6925MHz;TX



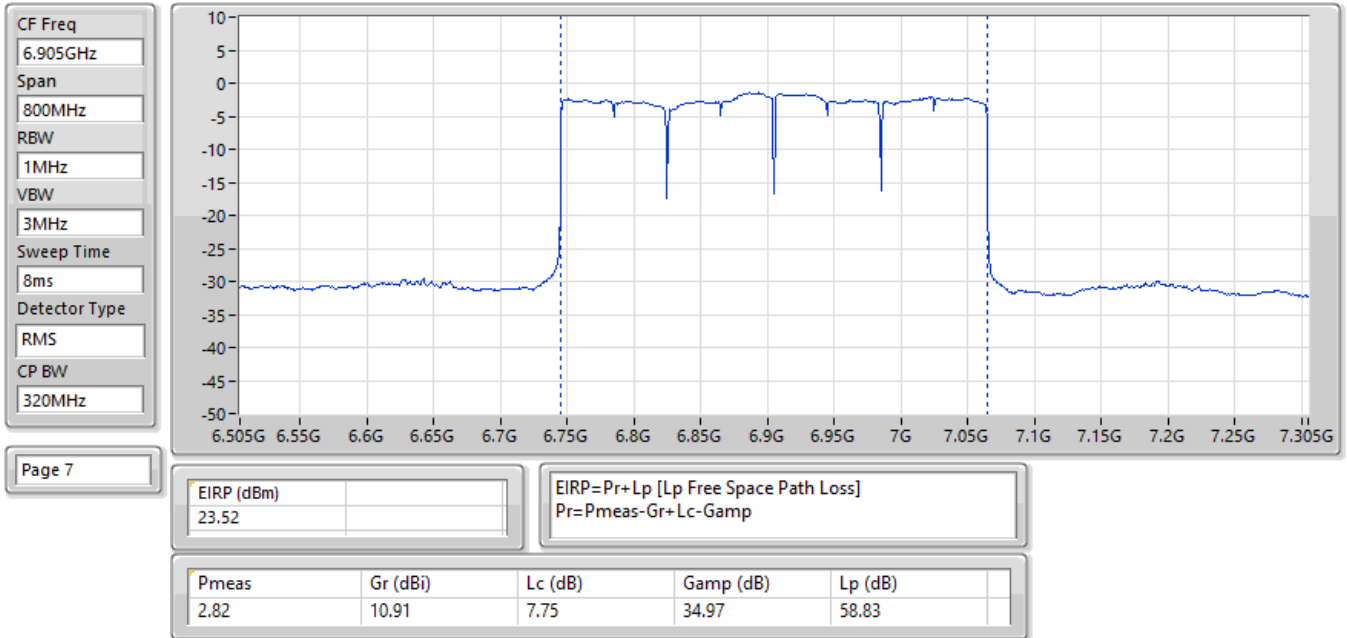
EIRP;Band:7.0G;be80;BWch:80MHz;Nss:1,(M0);Nant:1(1);Ch:7025MHz;TX



EIRP;Band:7.0G;be160;BWch:160MHz;Nss:1,(M0);Nant:1(1);Ch:6985MHz;TX



EIRP;Band:7.0G;be320;BWch:320MHz;Nss:1,(M0);Nant:1(1);Ch:6905MHz;TX



**Summary**

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	16.31	0.04276
802.11be EHT40_Nss1,(MCS0)_2TX	19.22	0.08356
802.11be EHT80_Nss1,(MCS0)_2TX	22.49	0.17742
802.11be EHT160_Nss1,(MCS0)_2TX	24.99	0.31550
802.11be EHT320_Nss1,(MCS0)_2TX	27.10	0.51286
6.425-6.525GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	16.35	0.04315
802.11be EHT40_Nss1,(MCS0)_2TX	19.51	0.08933
802.11be EHT80_Nss1,(MCS0)_2TX	22.30	0.16982
802.11be EHT160_Nss1,(MCS0)_2TX	24.89	0.30832
6.525-6.875GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	16.49	0.04457
802.11be EHT40_Nss1,(MCS0)_2TX	19.98	0.09954
802.11be EHT80_Nss1,(MCS0)_2TX	22.87	0.19364
802.11be EHT160_Nss1,(MCS0)_2TX	25.50	0.35481
802.11be EHT320_Nss1,(MCS0)_2TX	25.42	0.34834
6.875-7.125GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	16.38	0.04345
802.11be EHT40_Nss1,(MCS0)_2TX	19.90	0.09772
802.11be EHT80_Nss1,(MCS0)_2TX	22.64	0.18365
802.11be EHT160_Nss1,(MCS0)_2TX	25.20	0.33113
802.11be EHT320_Nss1,(MCS0)_2TX	23.70	0.23442

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	16.19	30.00
6195MHz	Pass	16.18	30.00
6415MHz	Pass	16.31	30.00
6435MHz	Pass	16.35	30.00
6475MHz	Pass	15.90	30.00
6515MHz	Pass	16.05	30.00
6535MHz	Pass	15.91	30.00
6695MHz	Pass	16.13	30.00
6875MHz	Pass	16.49	30.00
6895MHz	Pass	16.38	30.00
6995MHz	Pass	15.92	30.00
7095MHz	Pass	16.20	30.00
7115MHz	Pass	8.14	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	19.22	30.00
6205MHz	Pass	18.92	30.00
6405MHz	Pass	19.18	30.00
6445MHz	Pass	18.99	30.00
6485MHz	Pass	19.01	30.00
6525MHz	Pass	19.51	30.00
6565MHz	Pass	19.98	30.00
6685MHz	Pass	19.82	30.00
6885MHz	Pass	19.56	30.00
6925MHz	Pass	19.90	30.00
7005MHz	Pass	19.46	30.00
7085MHz	Pass	19.52	30.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	22.05	30.00
6225MHz	Pass	21.61	30.00
6385MHz	Pass	22.49	30.00
6465MHz	Pass	21.41	30.00
6545MHz	Pass	22.30	30.00
6625MHz	Pass	22.01	30.00
6705MHz	Pass	21.13	30.00
6785MHz	Pass	21.53	30.00
6865MHz	Pass	22.87	30.00
6945MHz	Pass	22.64	30.00
7025MHz	Pass	22.39	30.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	24.71	30.00
6185MHz	Pass	24.30	30.00
6345MHz	Pass	24.99	30.00
6505MHz	Pass	24.89	30.00
6665MHz	Pass	24.87	30.00
6825MHz	Pass	25.50	30.00



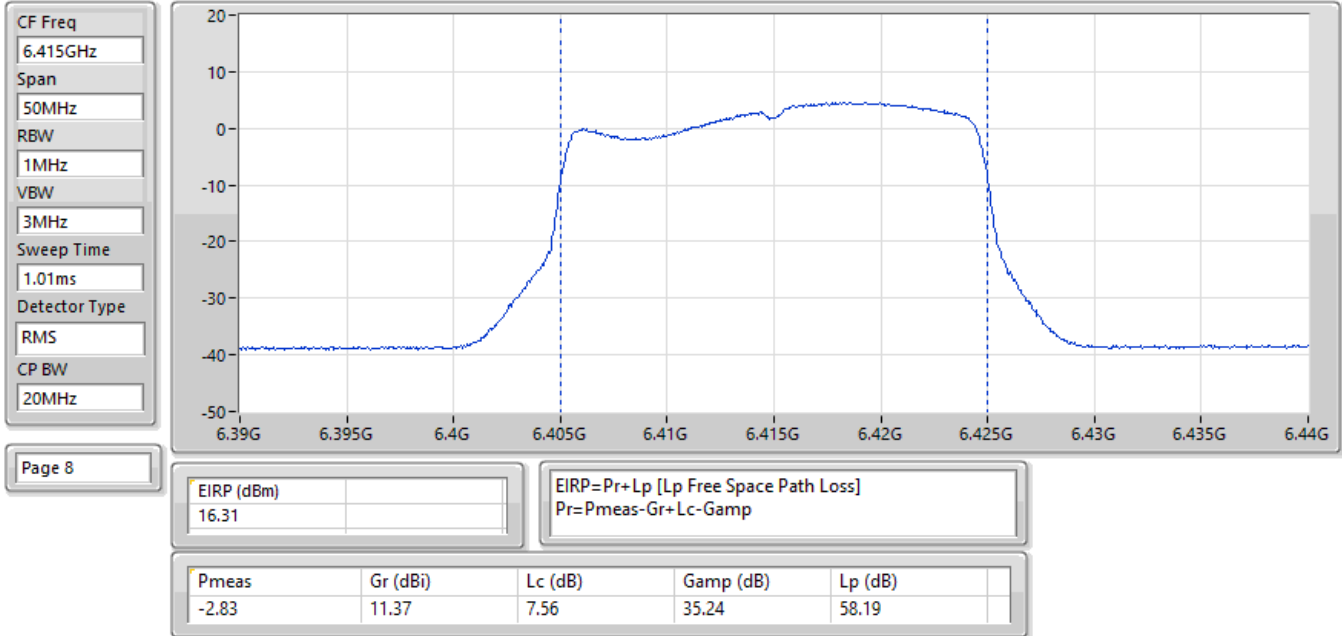
Radiated EIRP_Non-Beamforming_Radio 2_2TX_LPI

Appendix C.2

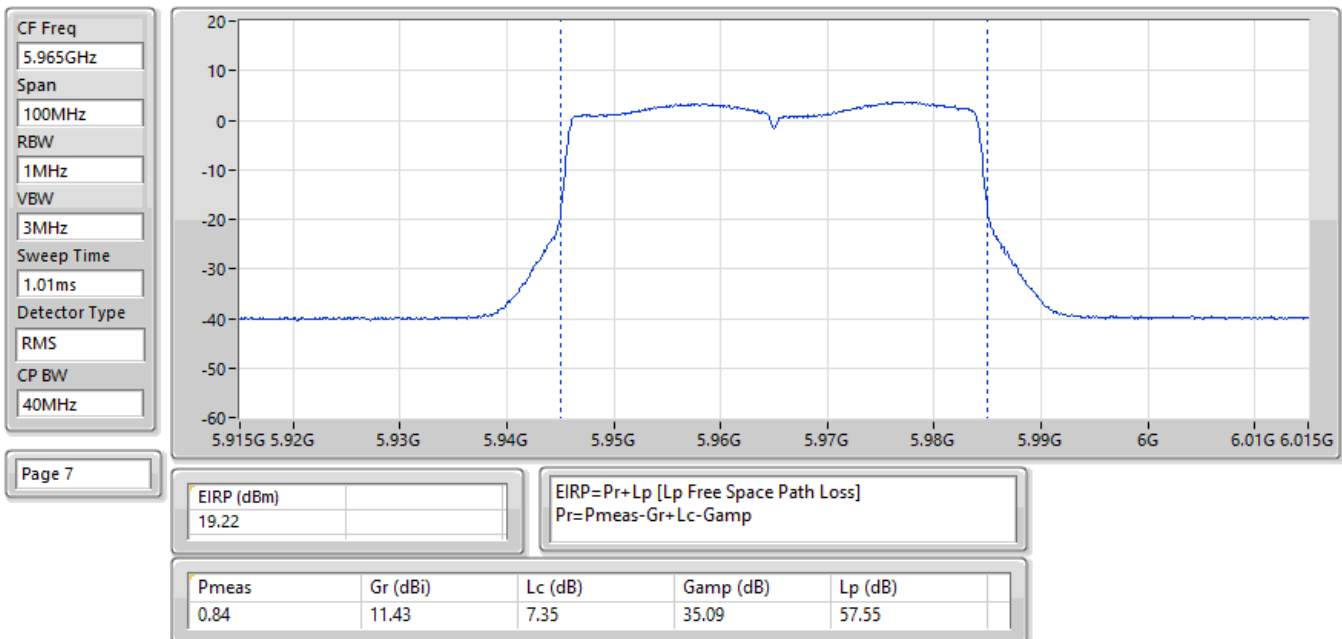
Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
6985MHz	Pass	25.20	30.00
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-
6105MHz	Pass	25.04	30.00
6265MHz	Pass	27.10	30.00
6425MHz	Pass	25.36	30.00
6585MHz	Pass	25.42	30.00
6745MHz	Pass	25.12	30.00
6905MHz	Pass	23.70	30.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

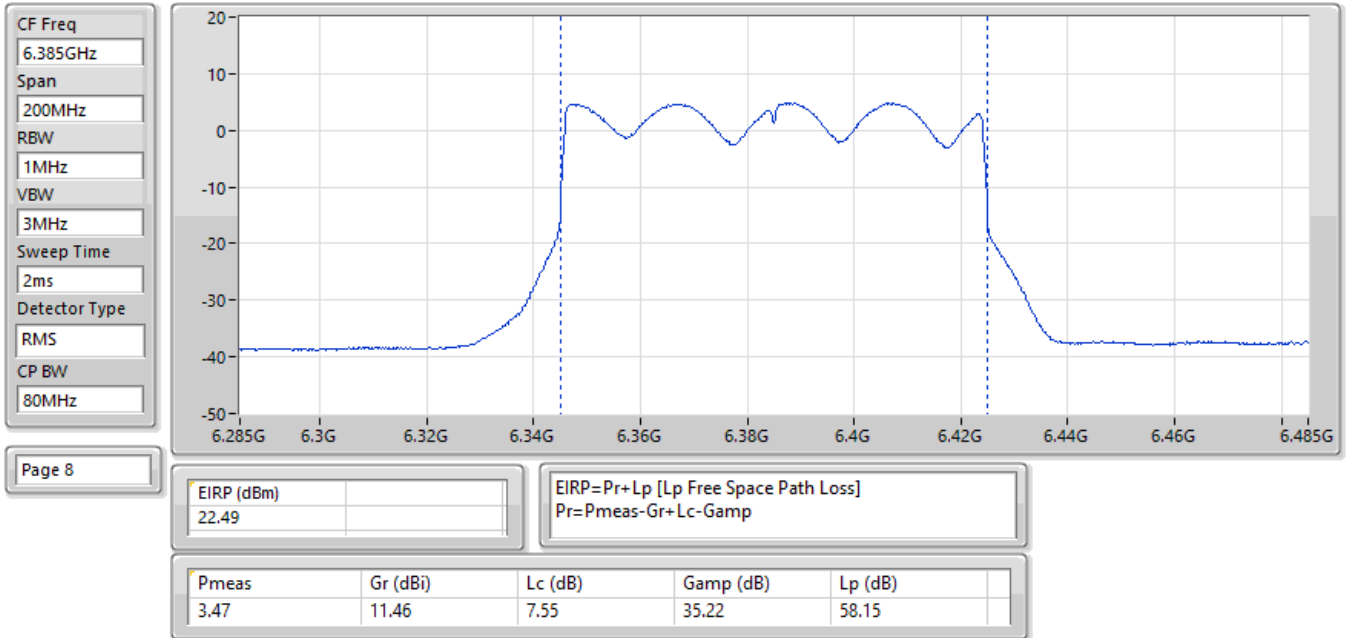
EIRP;Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6415MHz;TX



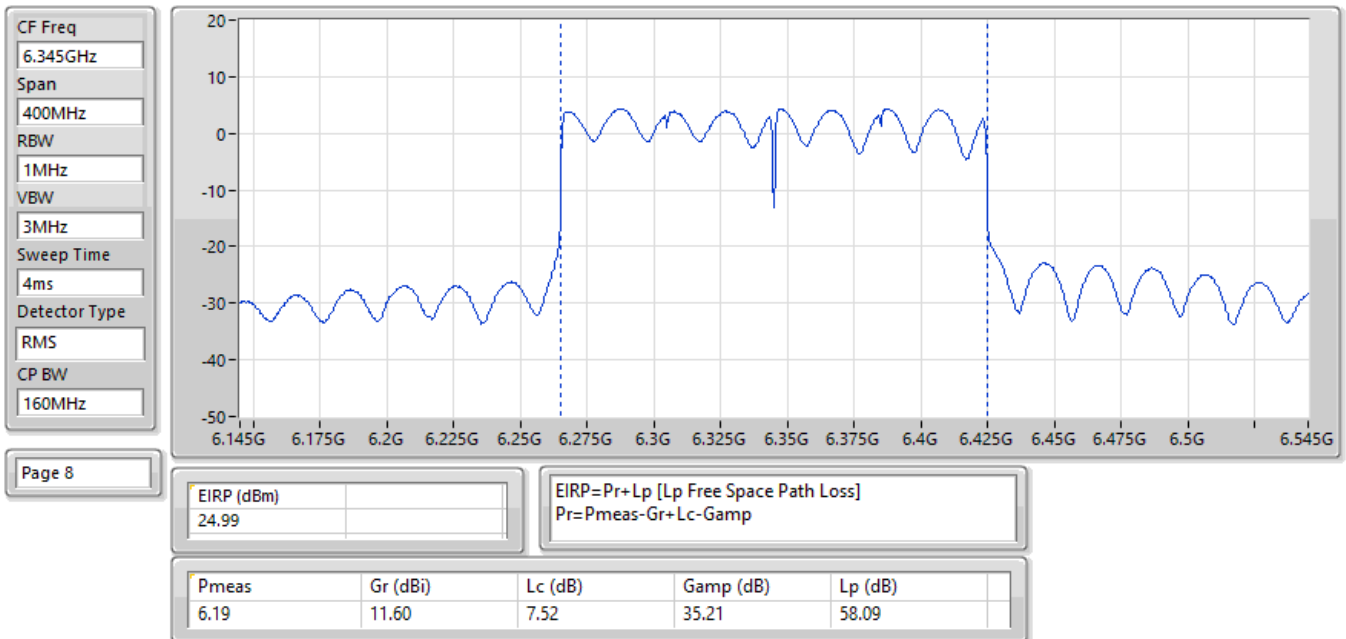
EIRP;Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:5965MHz;TX



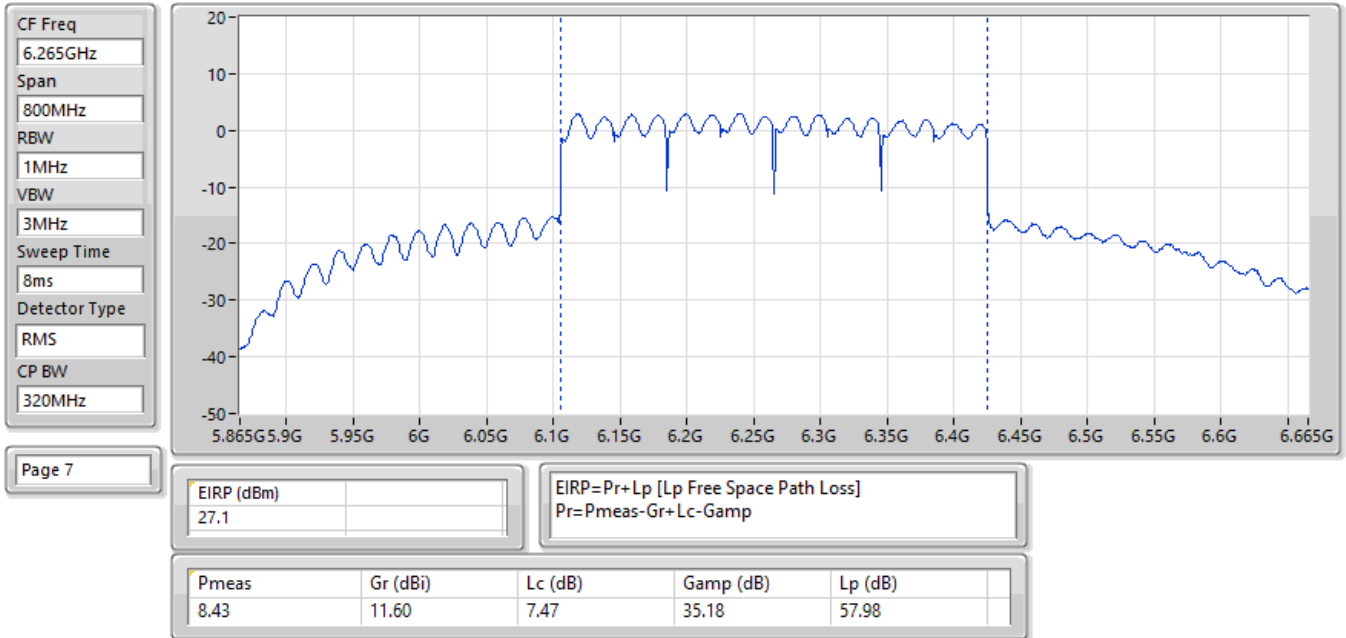
EIRP:Band:6.2G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6385MHz;TX



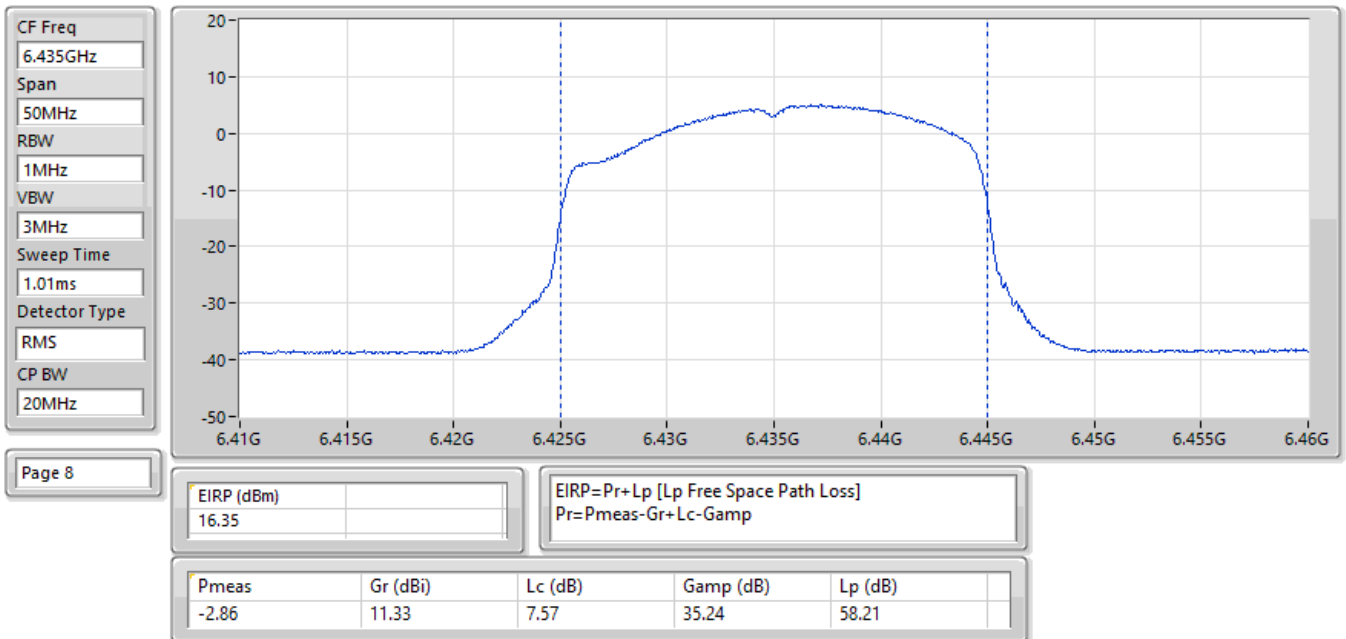
EIRP:Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6345MHz;TX



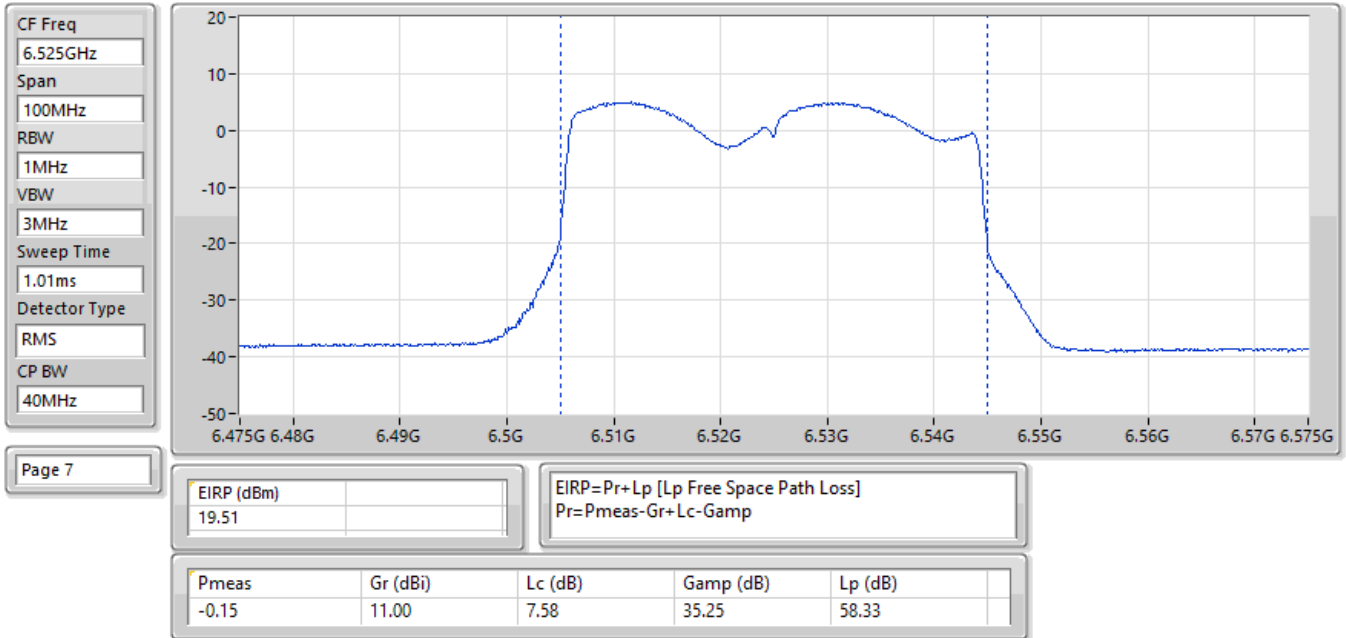
EIRP;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6265MHz;TX



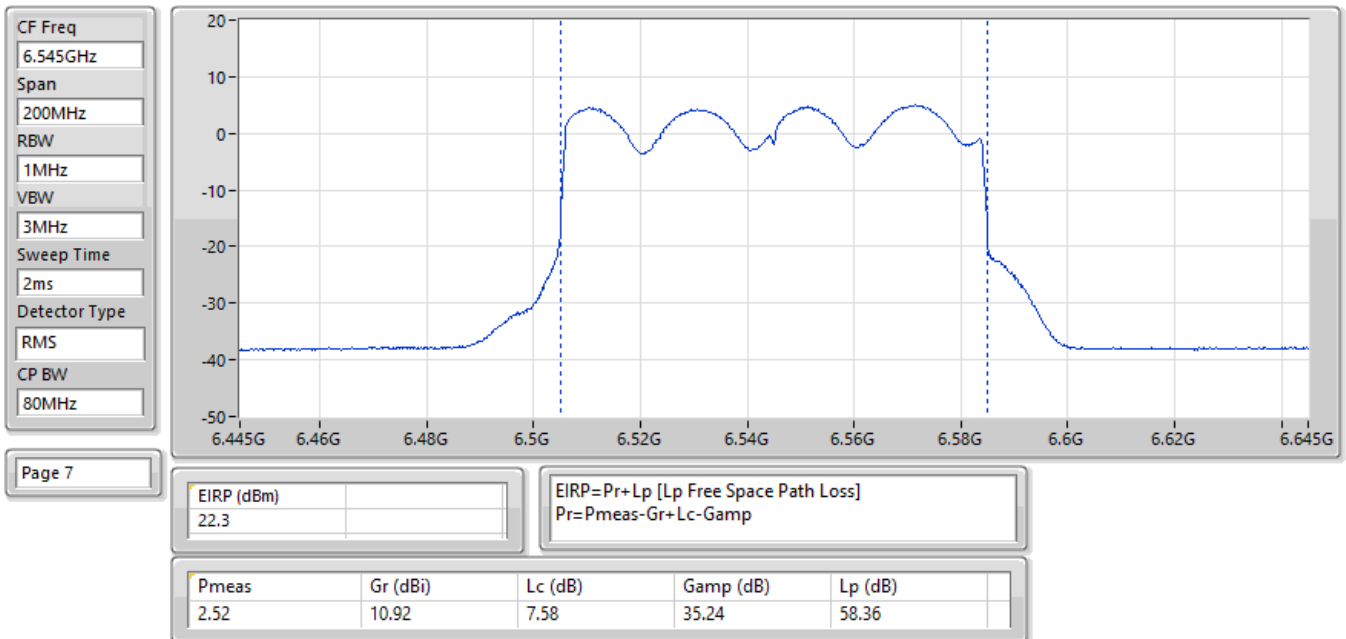
EIRP;Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6435MHz;TX



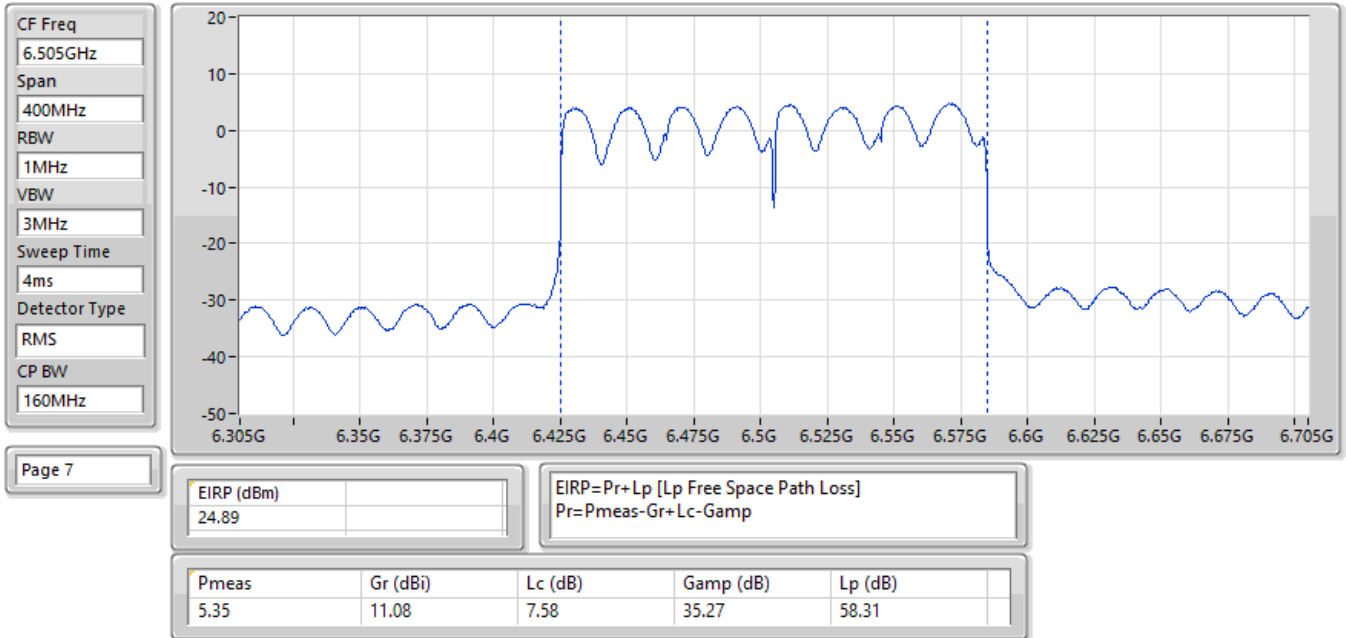
EIRP:Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6525MHz;TX



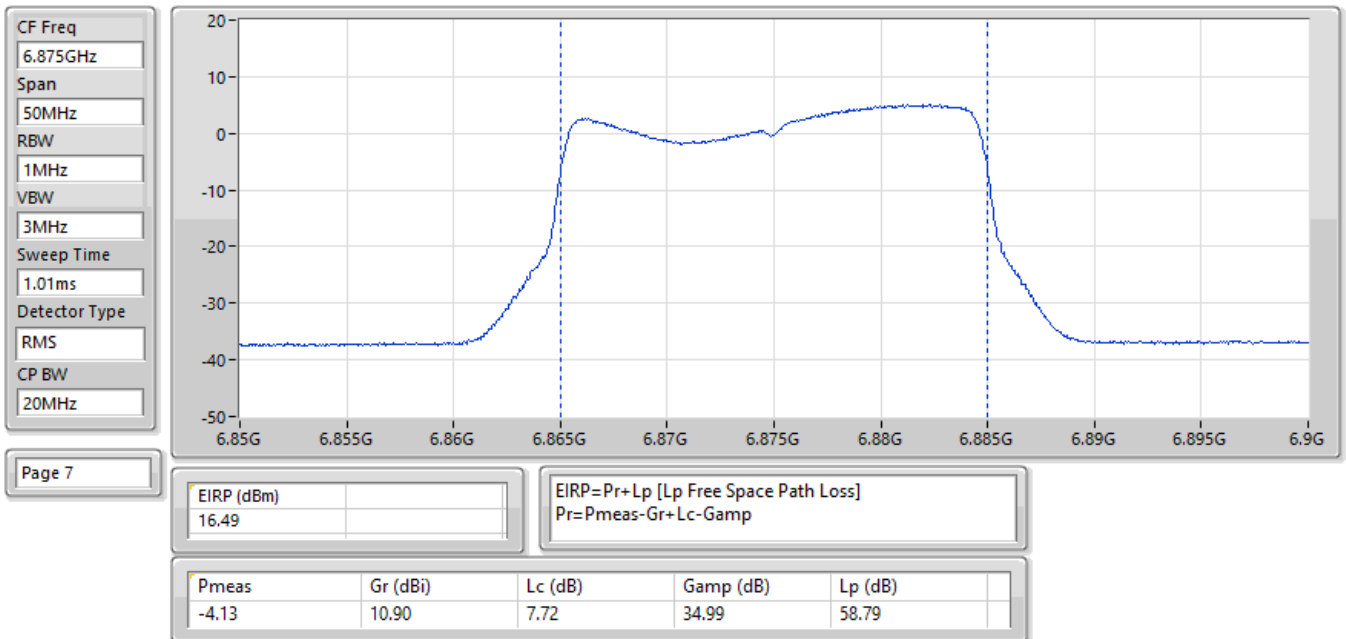
EIRP:Band:6.4G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6545MHz;TX



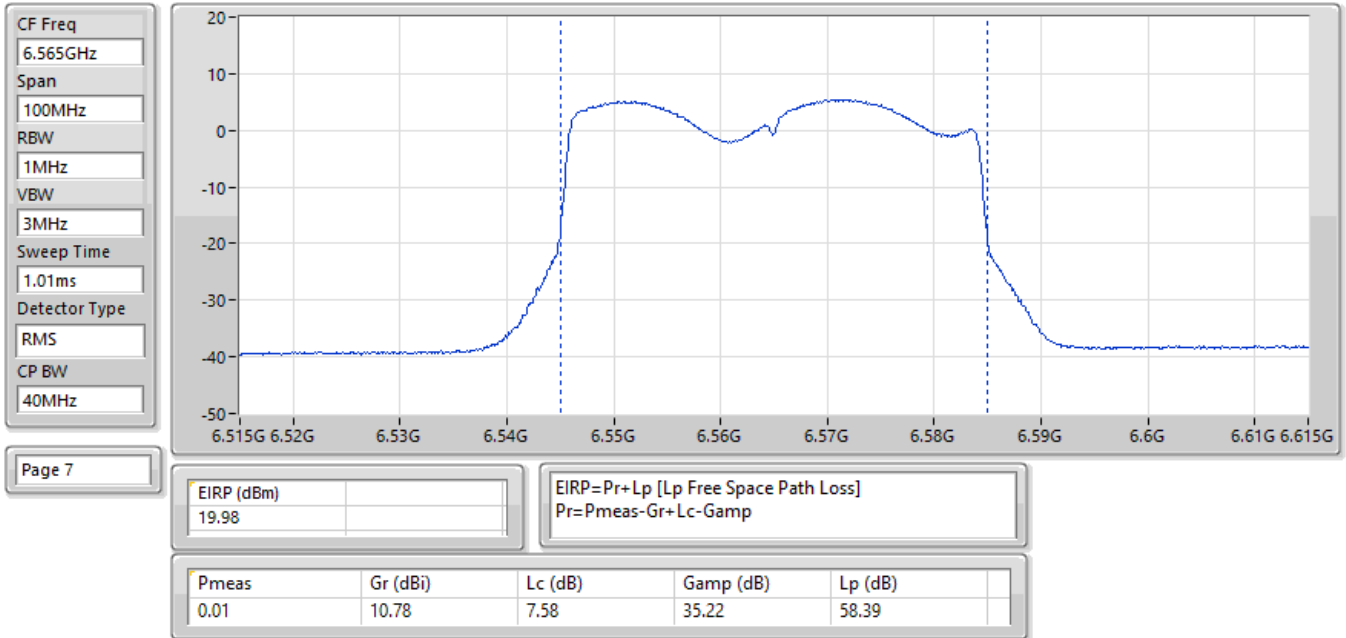
EIRP;Band:6.4G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6505MHz;TX



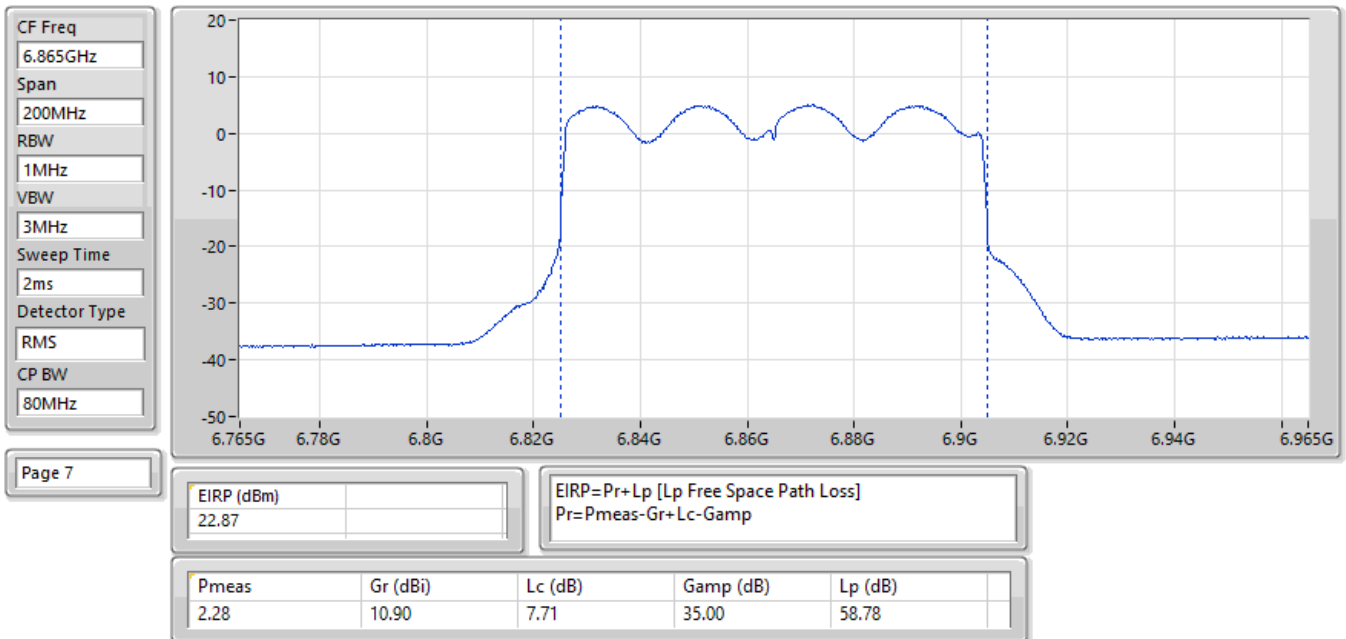
EIRP;Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6875MHz;TX



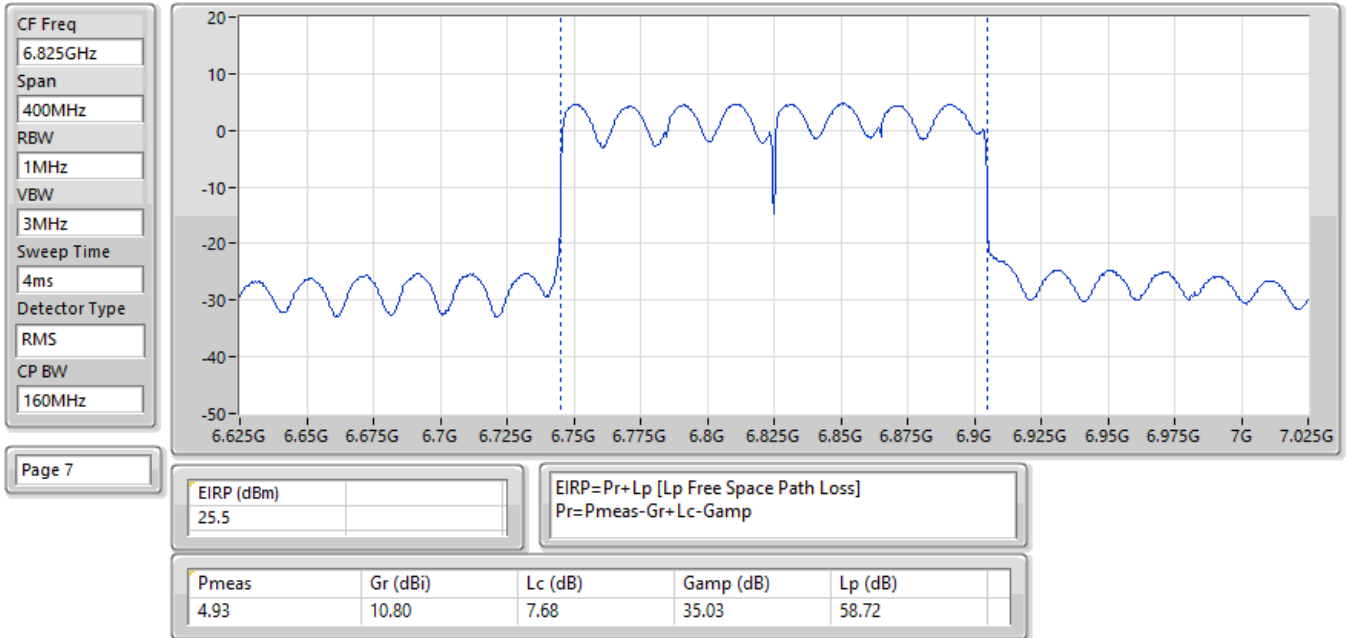
EIRP:Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6565MHz;TX



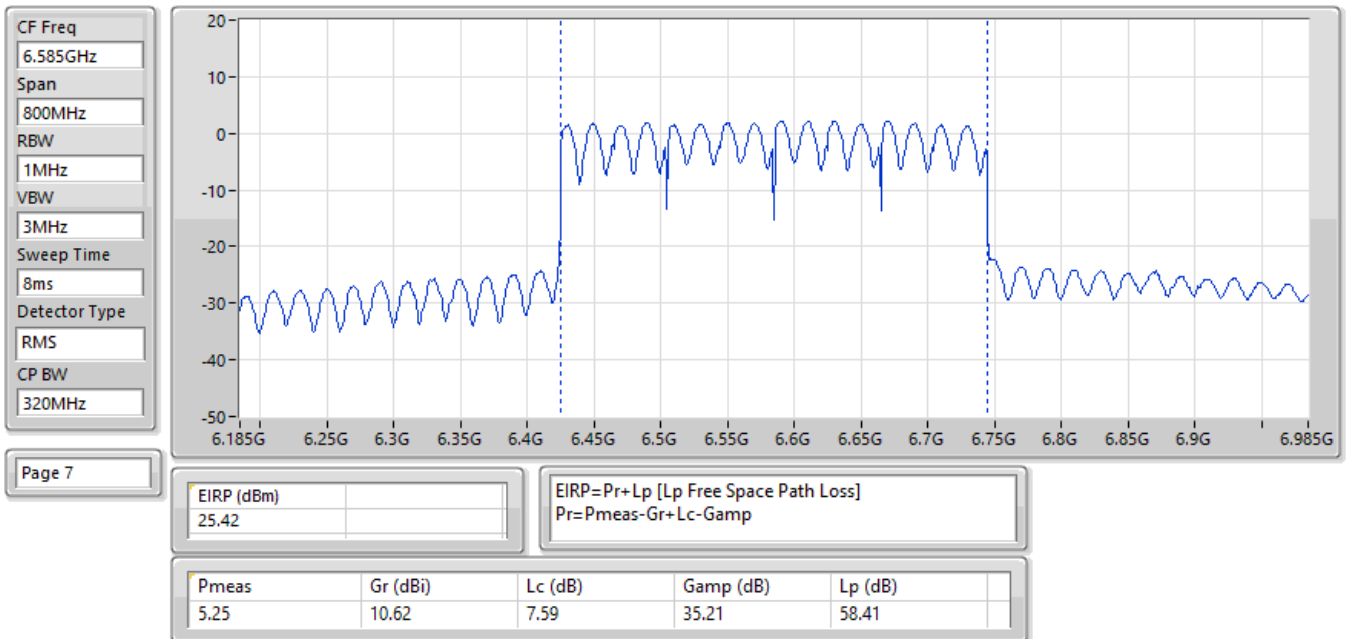
EIRP:Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6865MHz;TX



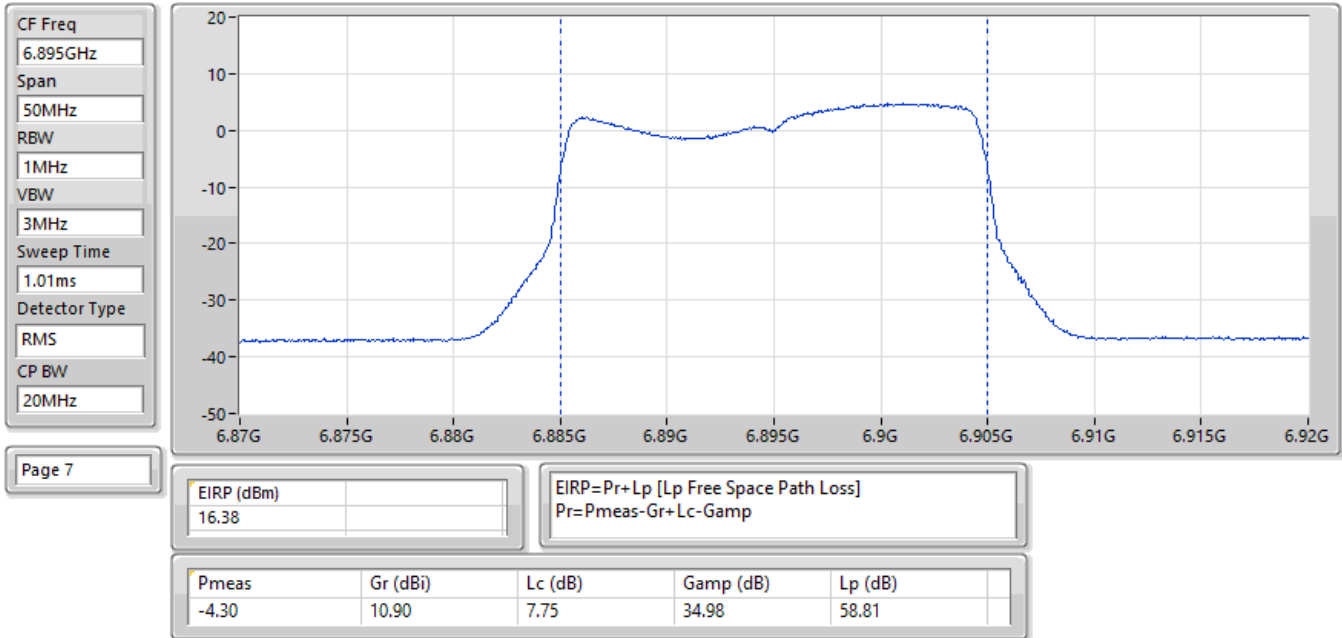
EIRP;Band:6.7G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6825MHz;TX



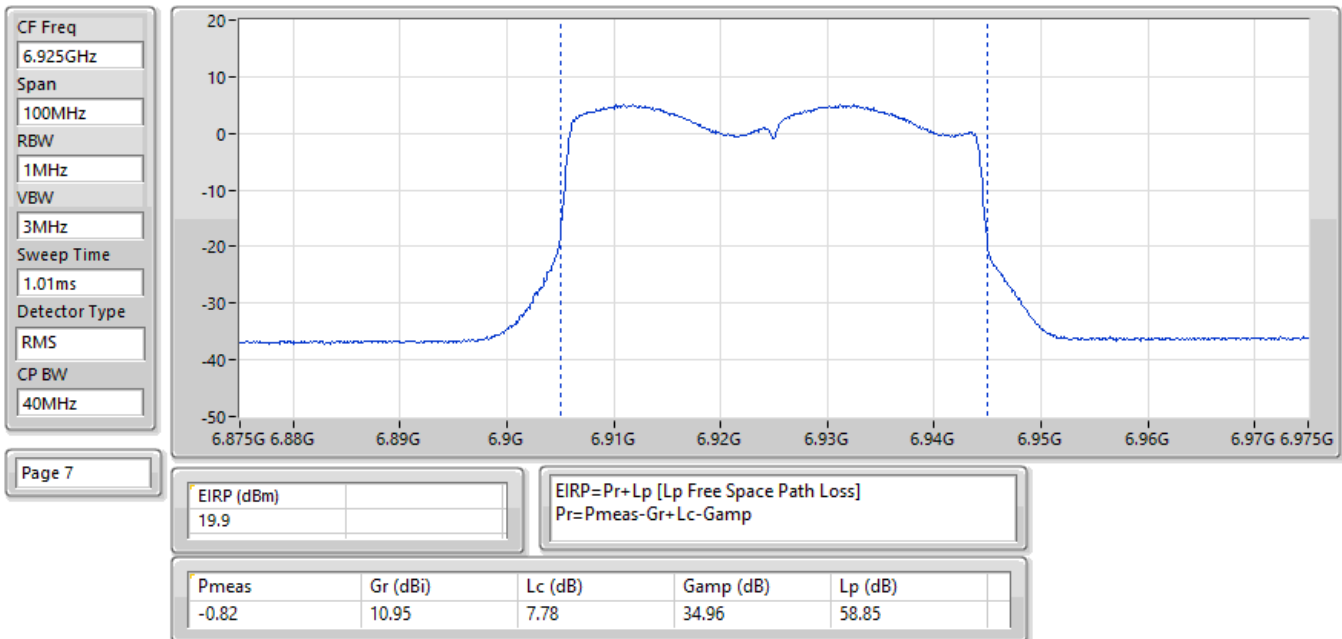
EIRP;Band:6.7G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6585MHz;TX



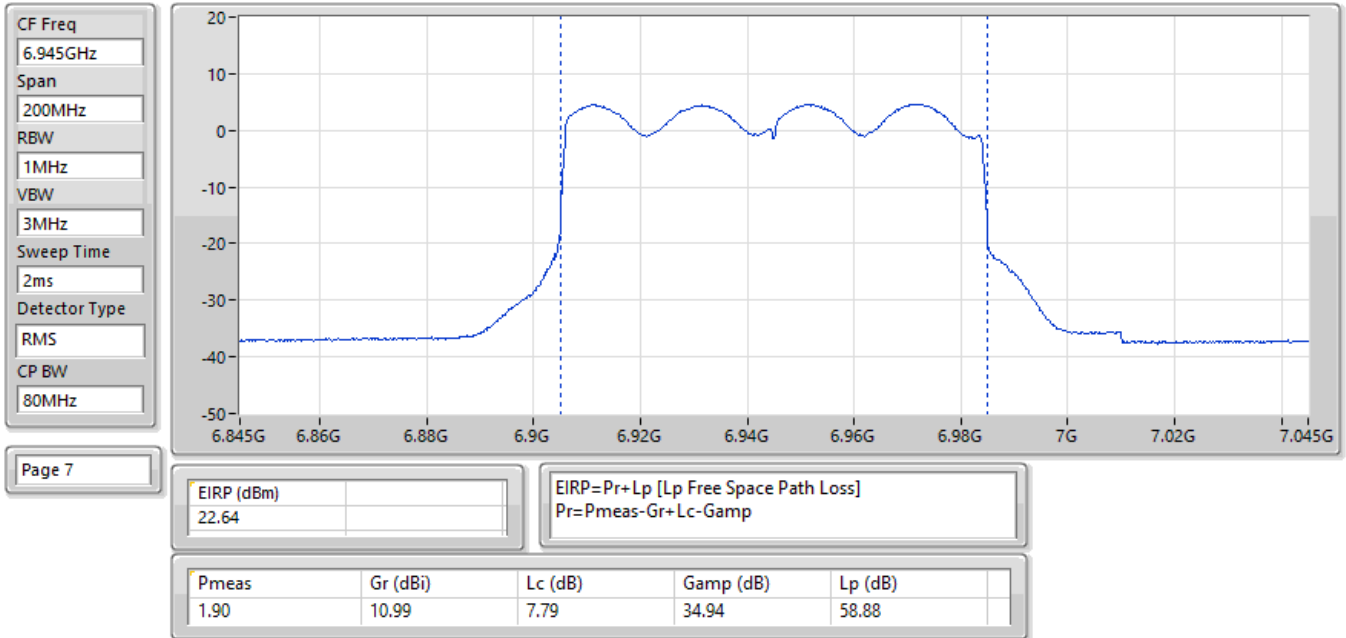
EIRP:Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6895MHz;TX



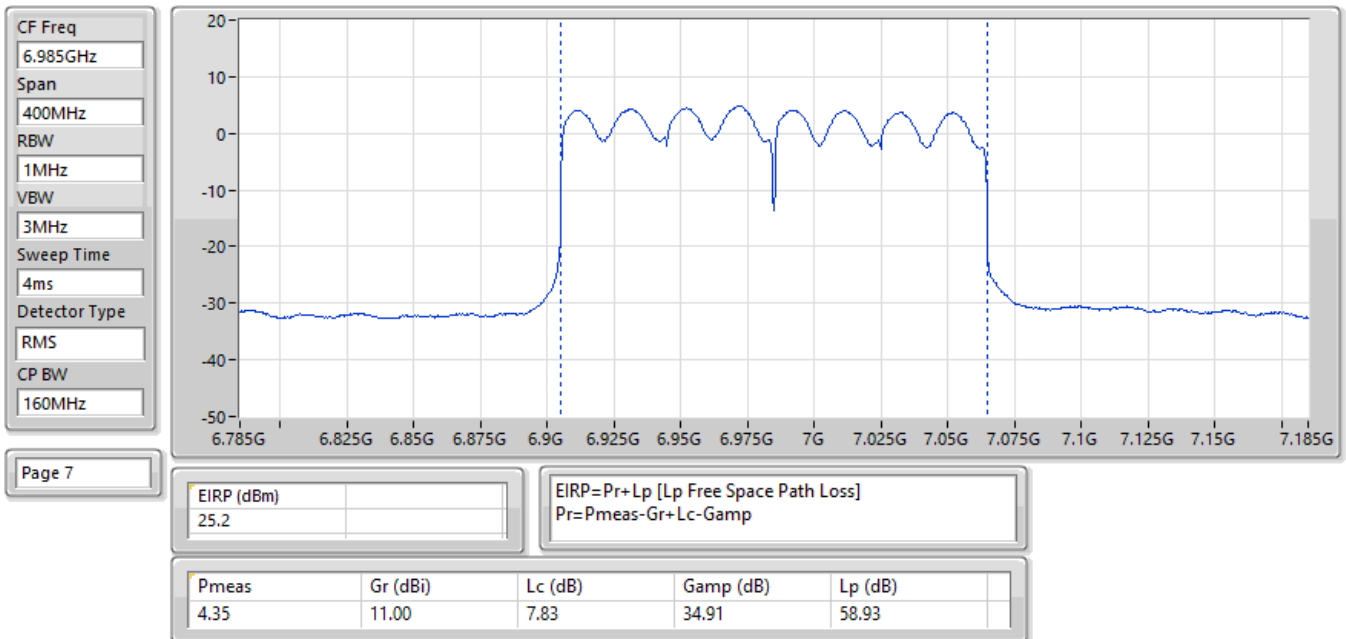
EIRP:Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6925MHz;TX



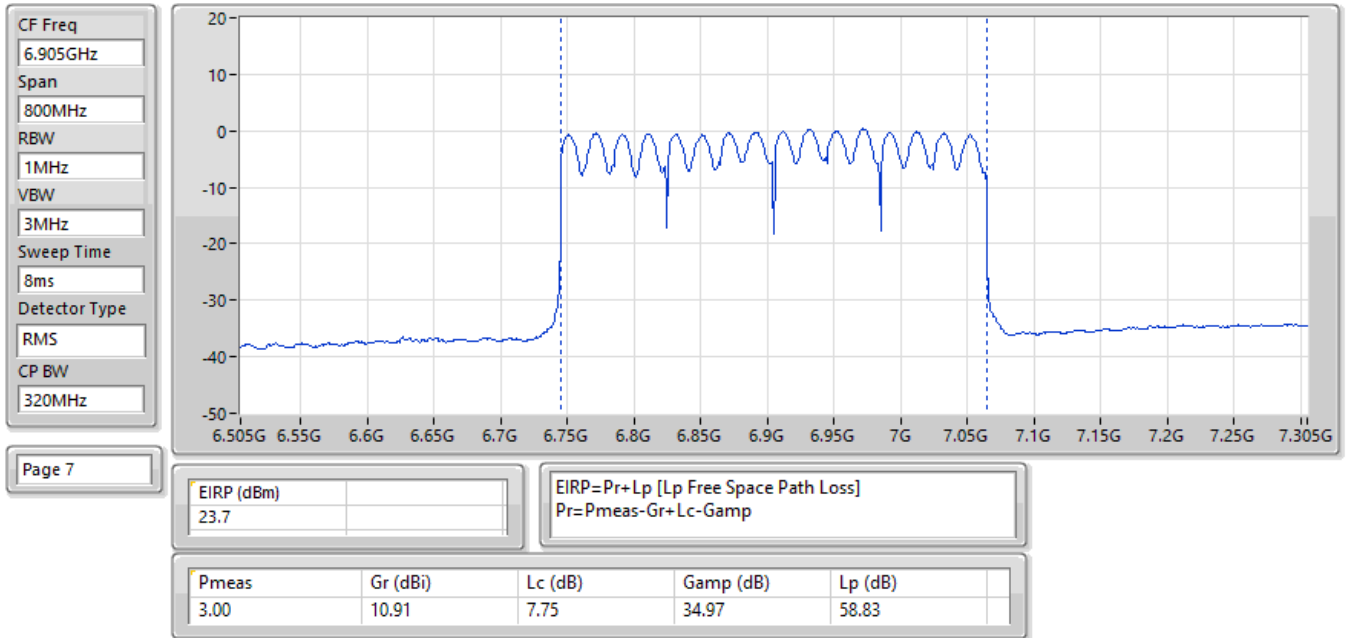
EIRP:Band:7.0G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6945MHz;TX



EIRP:Band:7.0G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6985MHz;TX



EIRP;Band:7.0G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6905MHz;TX





Summary

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	16.02	0.03999
802.11be EHT40-BF_Nss1,(MCS0)_2TX	19.65	0.09226
802.11be EHT80-BF_Nss1,(MCS0)_2TX	23.32	0.21478
802.11be EHT160-BF_Nss1,(MCS0)_2TX	22.60	0.18197
802.11be EHT320-BF_Nss1,(MCS0)_2TX	25.04	0.31915
6.425-6.525GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	15.25	0.03350
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.70	0.11749
802.11be EHT80-BF_Nss1,(MCS0)_2TX	24.59	0.28774
802.11be EHT160-BF_Nss1,(MCS0)_2TX	23.73	0.23605
6.525-6.875GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	16.08	0.04055
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.25	0.10593
802.11be EHT80-BF_Nss1,(MCS0)_2TX	23.03	0.20091
802.11be EHT160-BF_Nss1,(MCS0)_2TX	24.69	0.29444
802.11be EHT320-BF_Nss1,(MCS0)_2TX	24.84	0.30479
6.875-7.125GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	17.64	0.05808
802.11be EHT40-BF_Nss1,(MCS0)_2TX	19.70	0.09333
802.11be EHT80-BF_Nss1,(MCS0)_2TX	22.87	0.19364
802.11be EHT160-BF_Nss1,(MCS0)_2TX	24.19	0.26242
802.11be EHT320-BF_Nss1,(MCS0)_2TX	21.86	0.15346

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	14.08	30.00
6195MHz	Pass	13.62	30.00
6415MHz	Pass	16.02	30.00
6435MHz	Pass	14.44	30.00
6475MHz	Pass	15.25	30.00
6515MHz	Pass	14.95	30.00
6535MHz	Pass	14.18	30.00
6695MHz	Pass	16.08	30.00
6875MHz	Pass	15.86	30.00
6895MHz	Pass	16.35	30.00
6995MHz	Pass	17.44	30.00
7095MHz	Pass	17.64	30.00
7115MHz	Pass	15.54	30.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	19.65	30.00
6205MHz	Pass	18.21	30.00
6405MHz	Pass	18.95	30.00
6445MHz	Pass	20.70	30.00
6485MHz	Pass	19.10	30.00
6525MHz	Pass	17.02	30.00
6565MHz	Pass	17.82	30.00
6685MHz	Pass	18.91	30.00
6885MHz	Pass	20.25	30.00
6925MHz	Pass	19.70	30.00
7005MHz	Pass	18.21	30.00
7085MHz	Pass	17.79	30.00
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	23.32	30.00
6225MHz	Pass	21.65	30.00
6385MHz	Pass	21.37	30.00
6465MHz	Pass	23.26	30.00
6545MHz	Pass	24.59	30.00
6625MHz	Pass	23.03	30.00
6705MHz	Pass	22.44	30.00
6785MHz	Pass	20.19	30.00
6865MHz	Pass	21.09	30.00
6945MHz	Pass	20.76	30.00
7025MHz	Pass	22.87	30.00
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	21.19	30.00
6185MHz	Pass	22.40	30.00
6345MHz	Pass	22.60	30.00
6505MHz	Pass	23.73	30.00
6665MHz	Pass	24.69	30.00
6825MHz	Pass	23.83	30.00



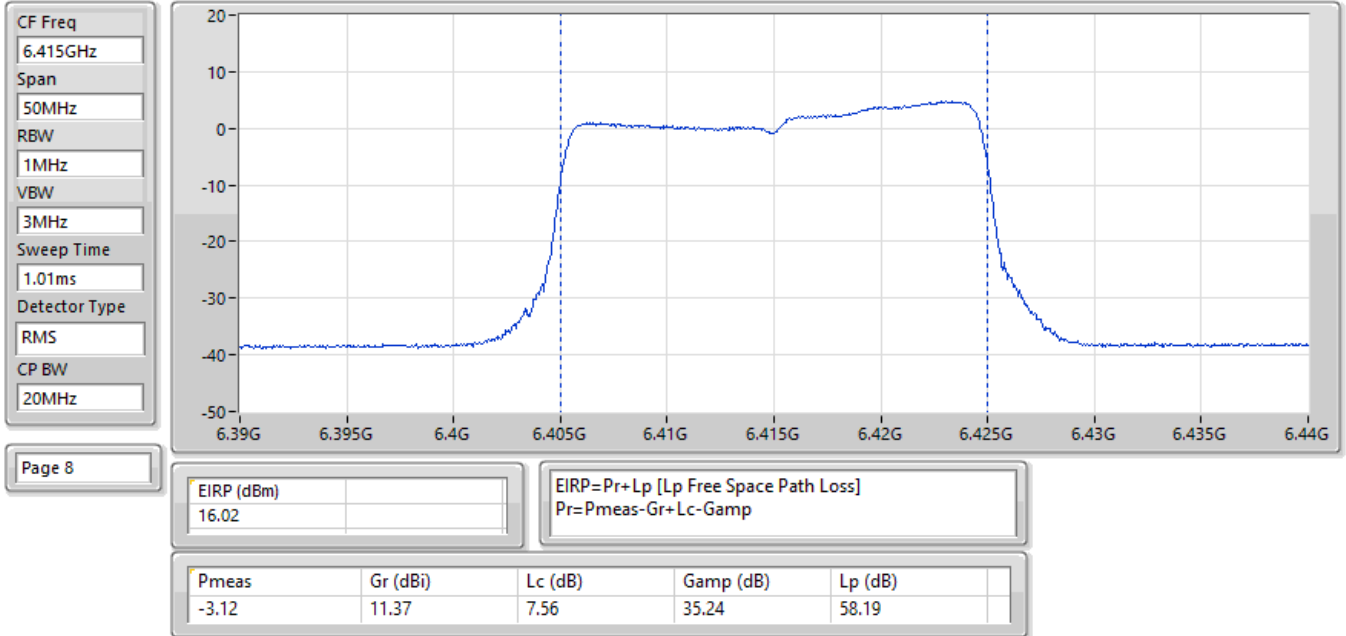
Radiated EIRP_Beamforming_Radio2_LPI

Appendix C.3

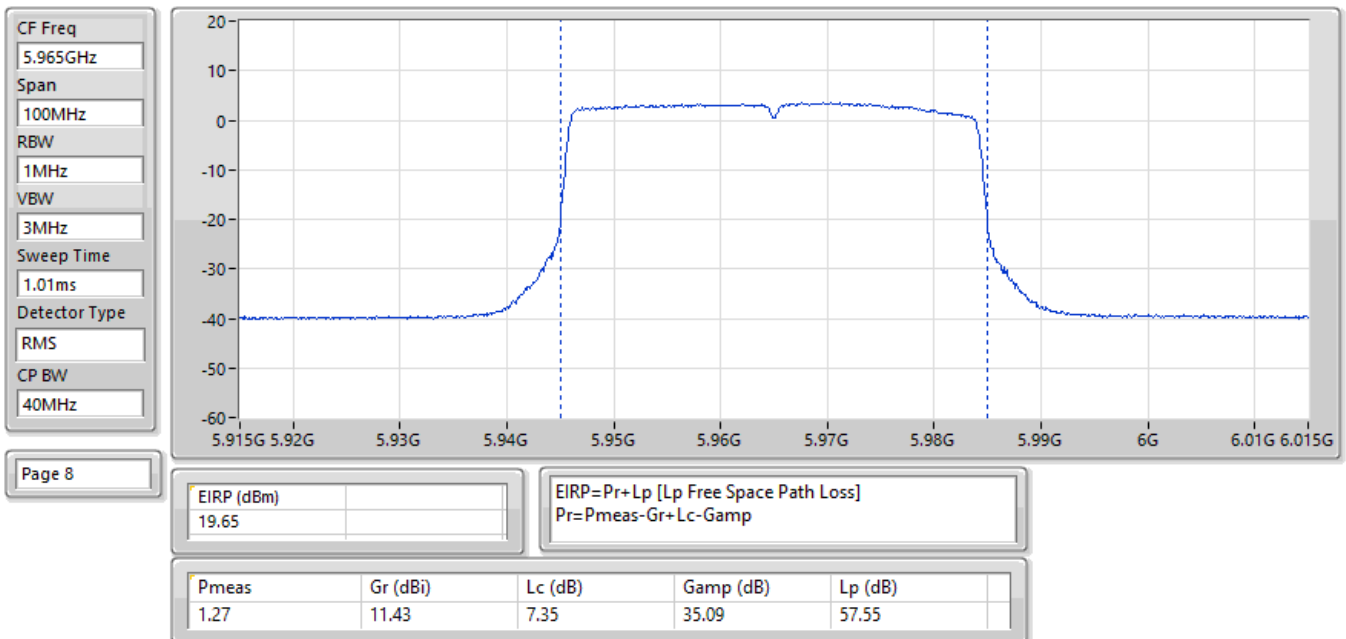
Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
6985MHz	Pass	24.19	30.00
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-	-	-
6105MHz	Pass	23.25	30.00
6265MHz	Pass	25.04	30.00
6425MHz	Pass	24.69	30.00
6585MHz	Pass	24.84	30.00
6745MHz	Pass	24.81	30.00
6905MHz	Pass	21.86	30.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

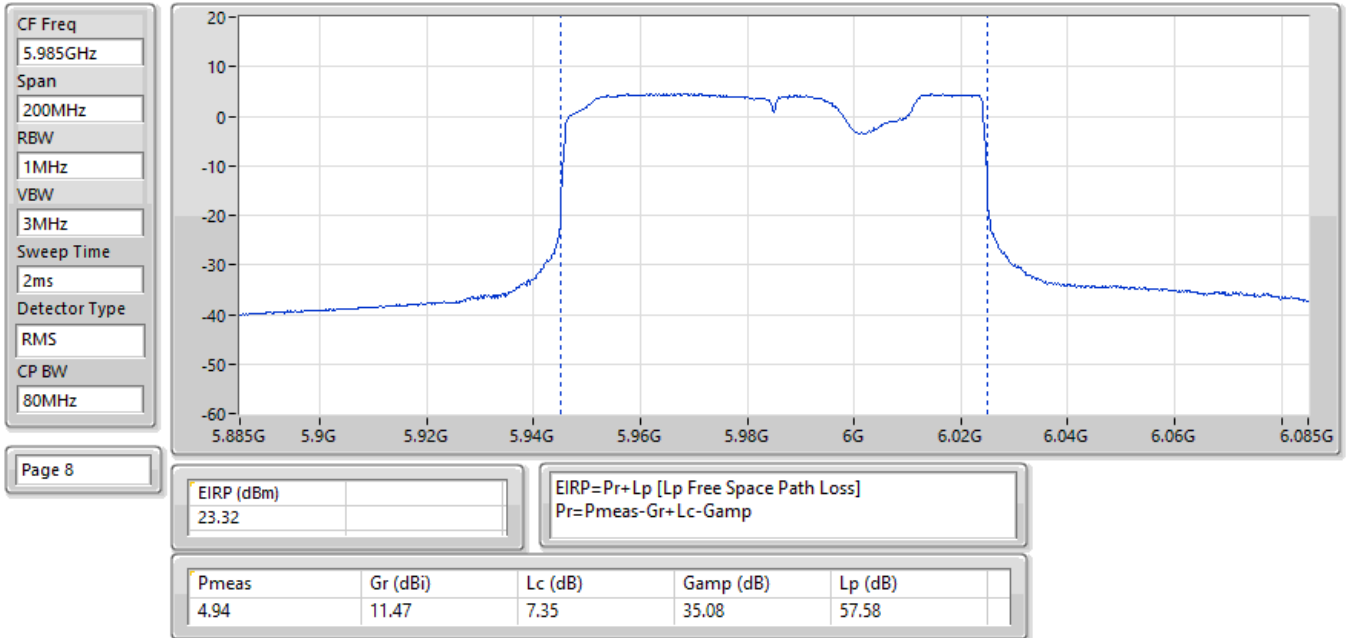
EIRP;Band:6.2G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6415MHz;TX



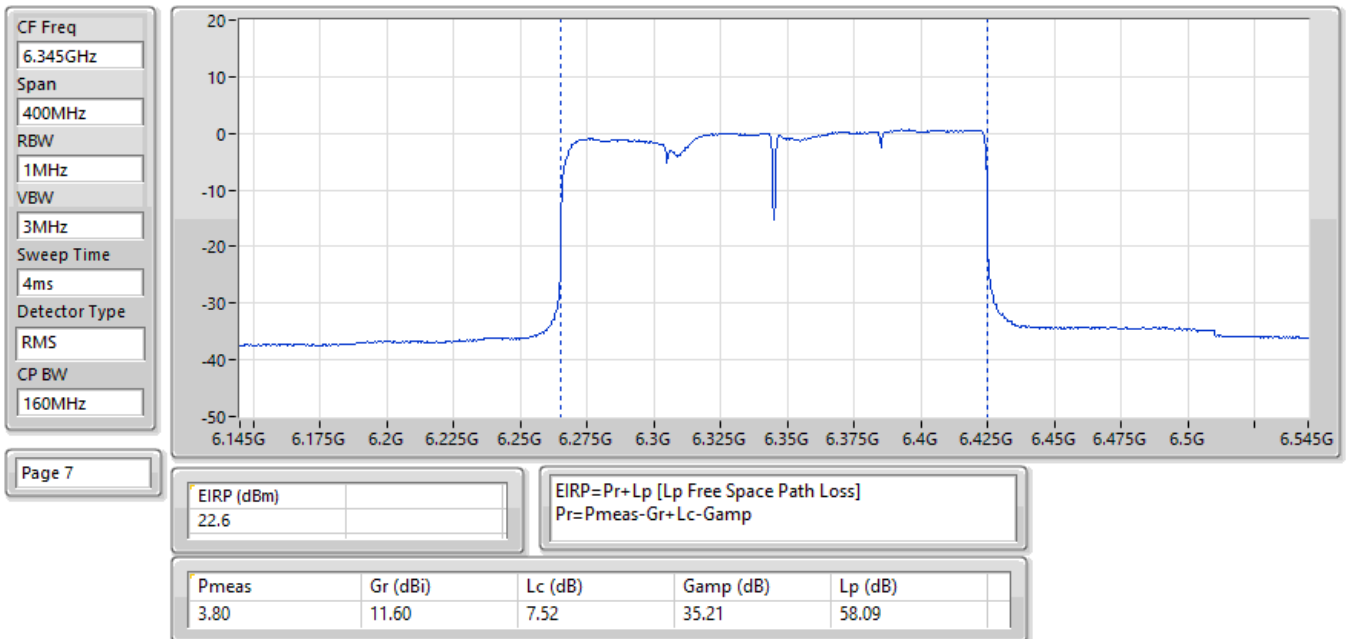
EIRP;Band:6.2G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:5965MHz;TX



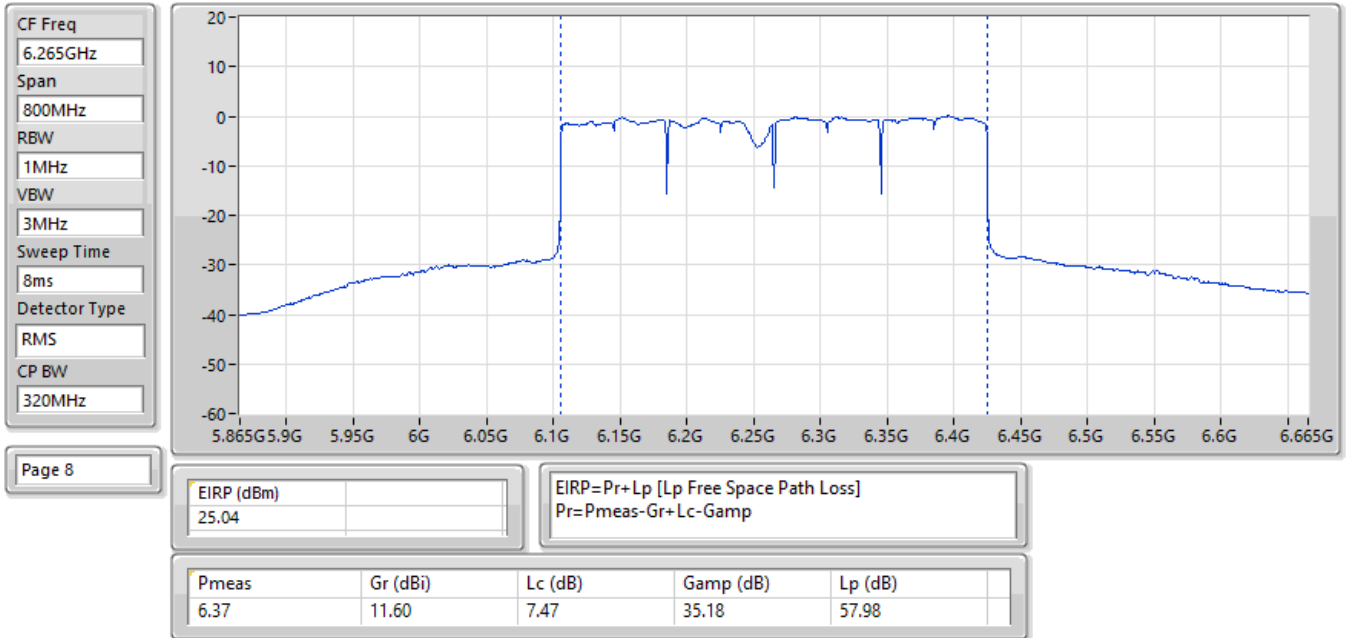
EIRP:Band:6.2G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:5985MHz;TX



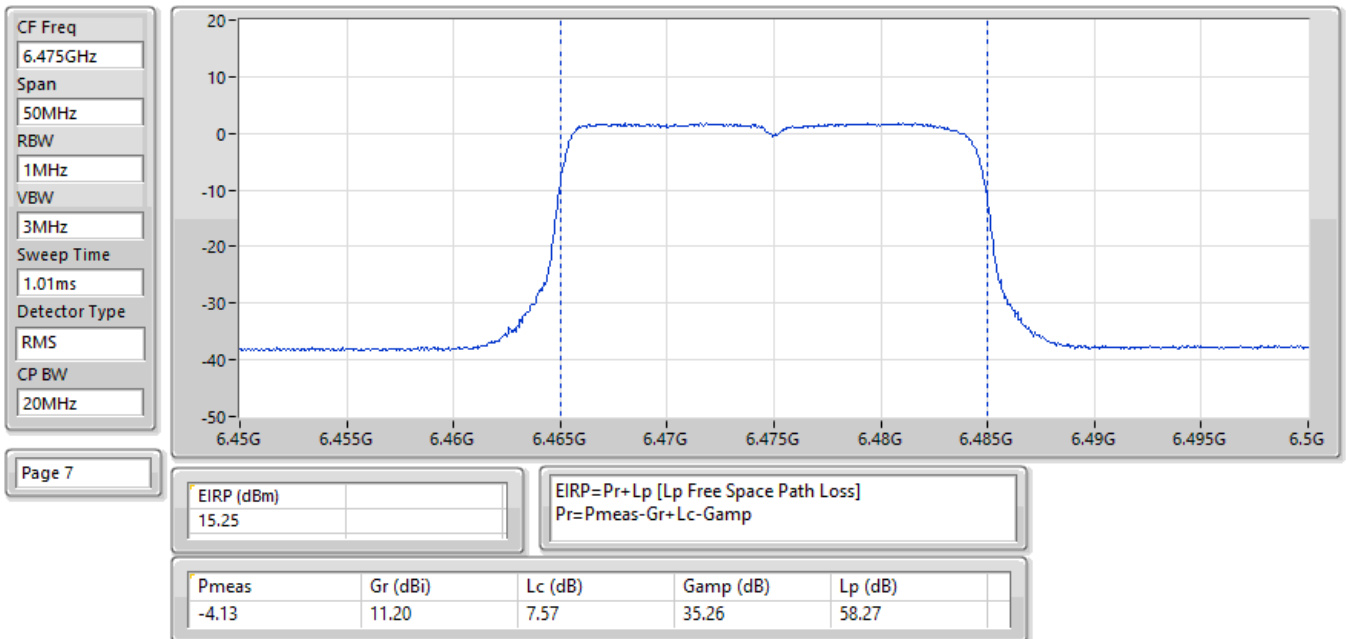
EIRP:Band:6.2G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6345MHz;TX



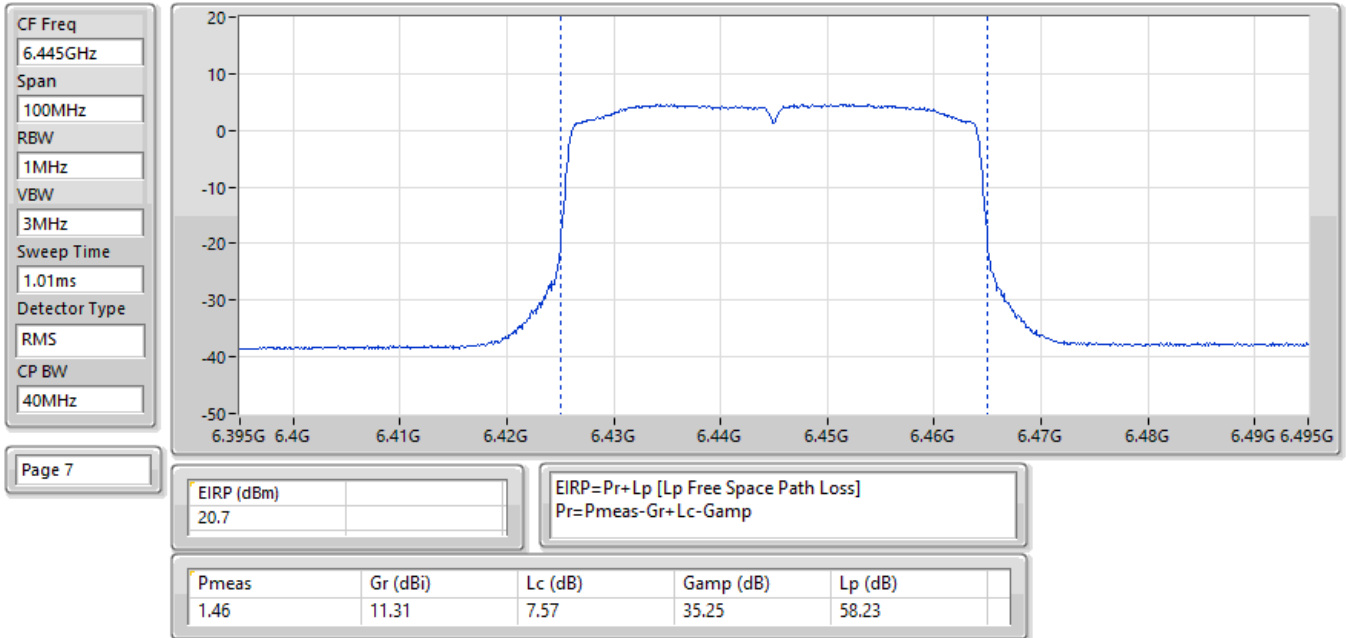
EIRP;Band:6.2G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6265MHz;TX



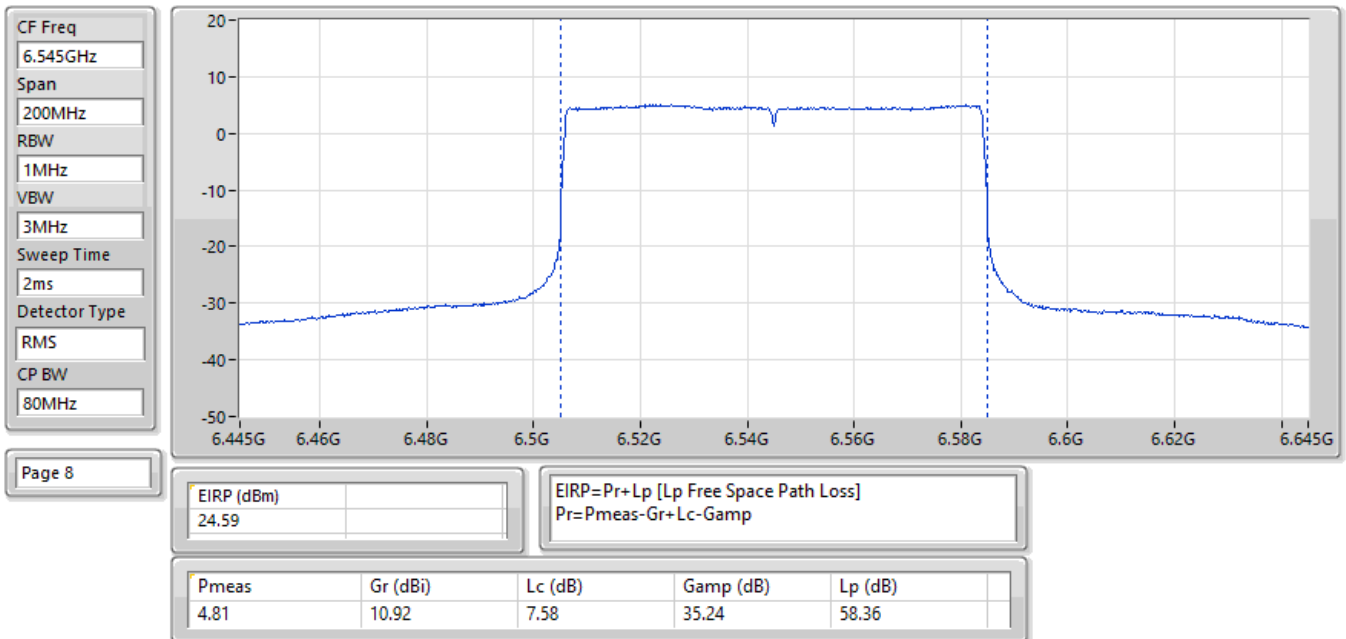
EIRP;Band:6.4G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6475MHz;TX



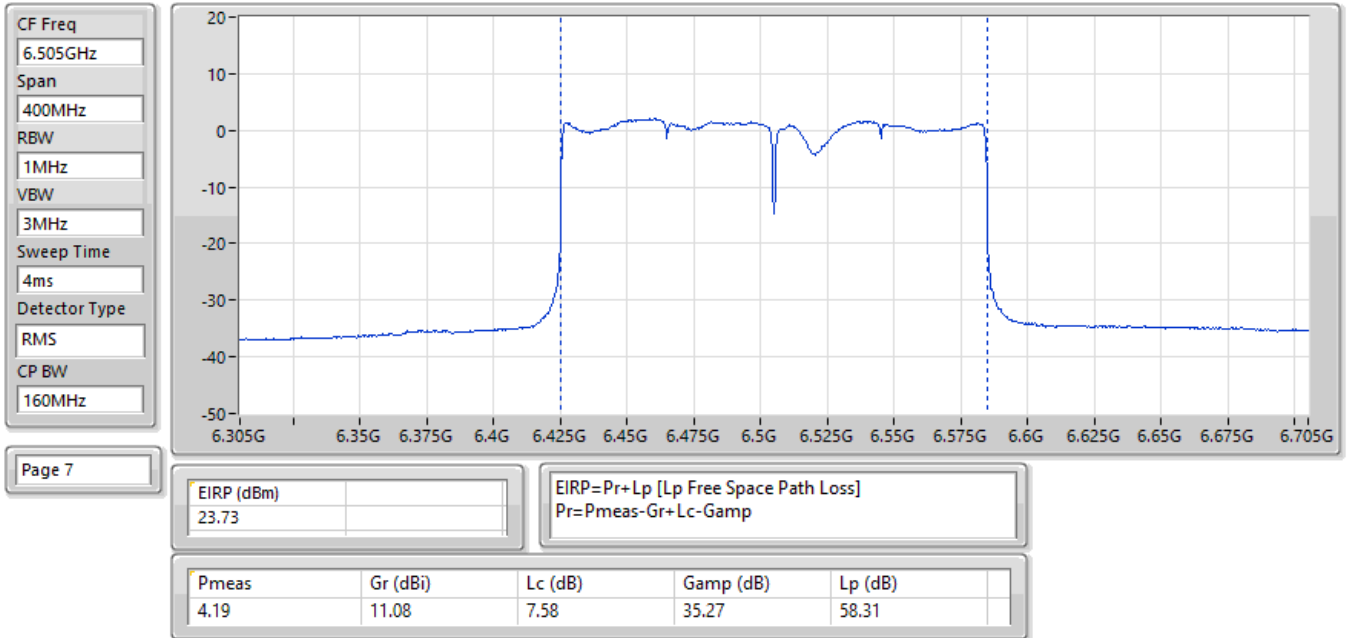
EIRP:Band:6.4G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6445MHz;TX



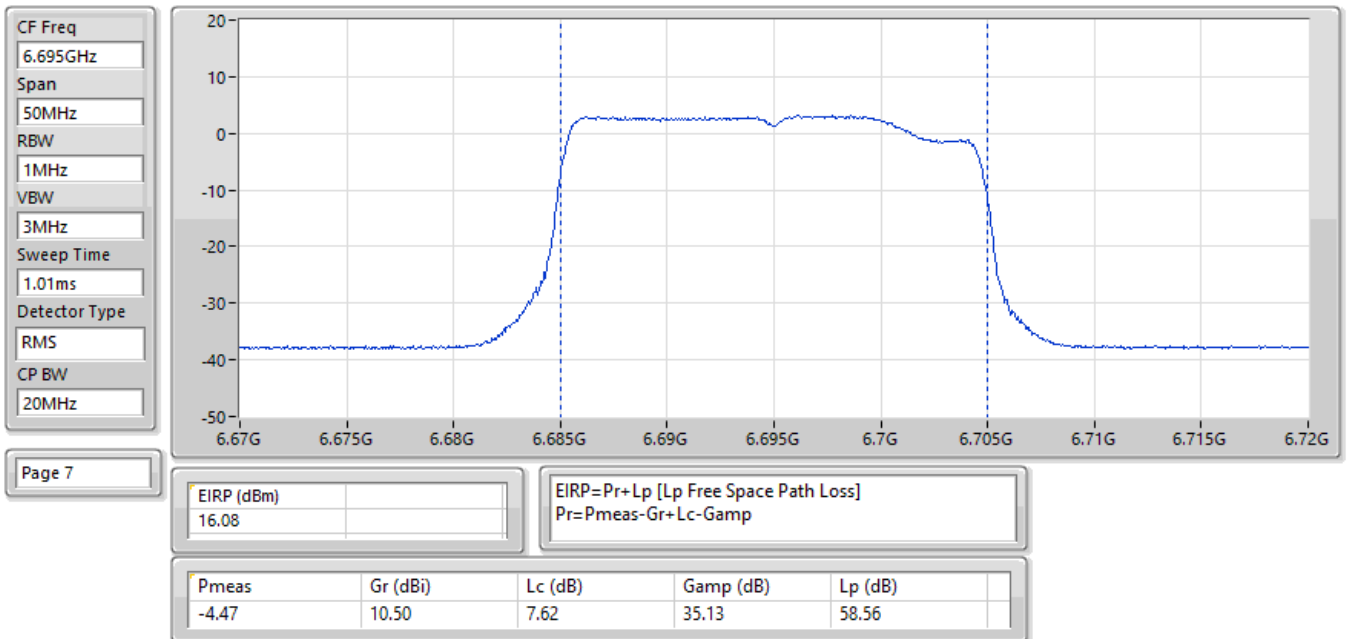
EIRP:Band:6.4G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6545MHz;TX



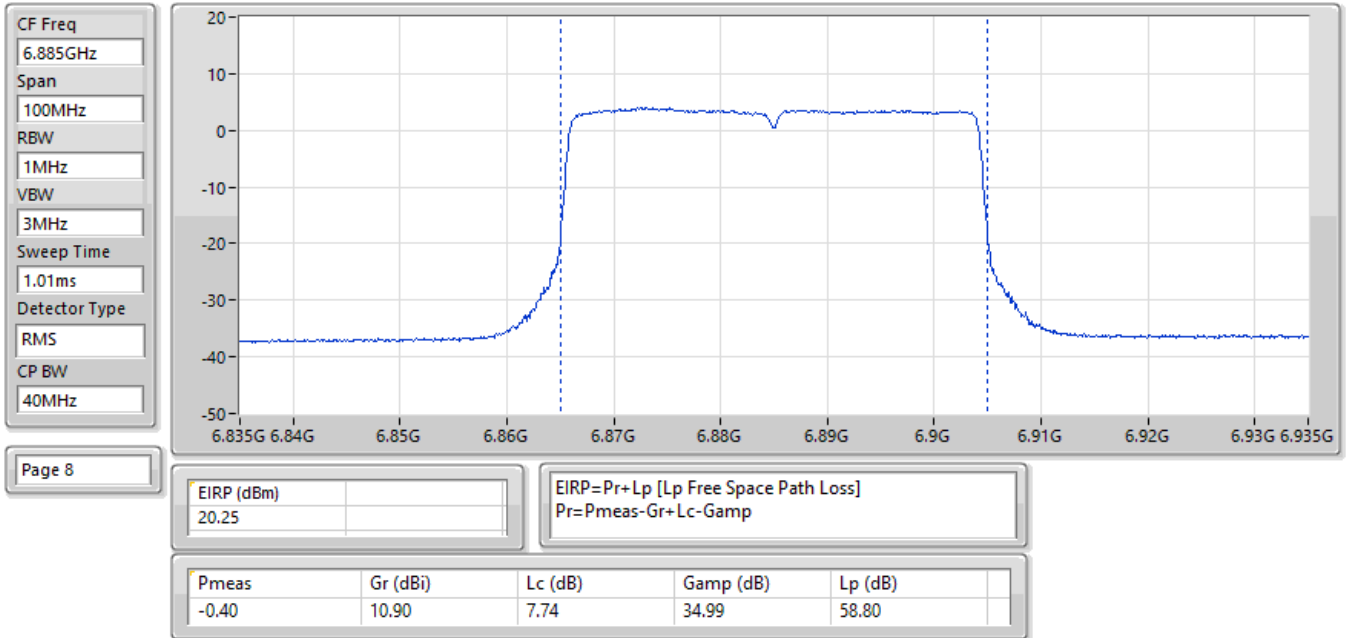
EIRP;Band:6.4G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6505MHz;TX



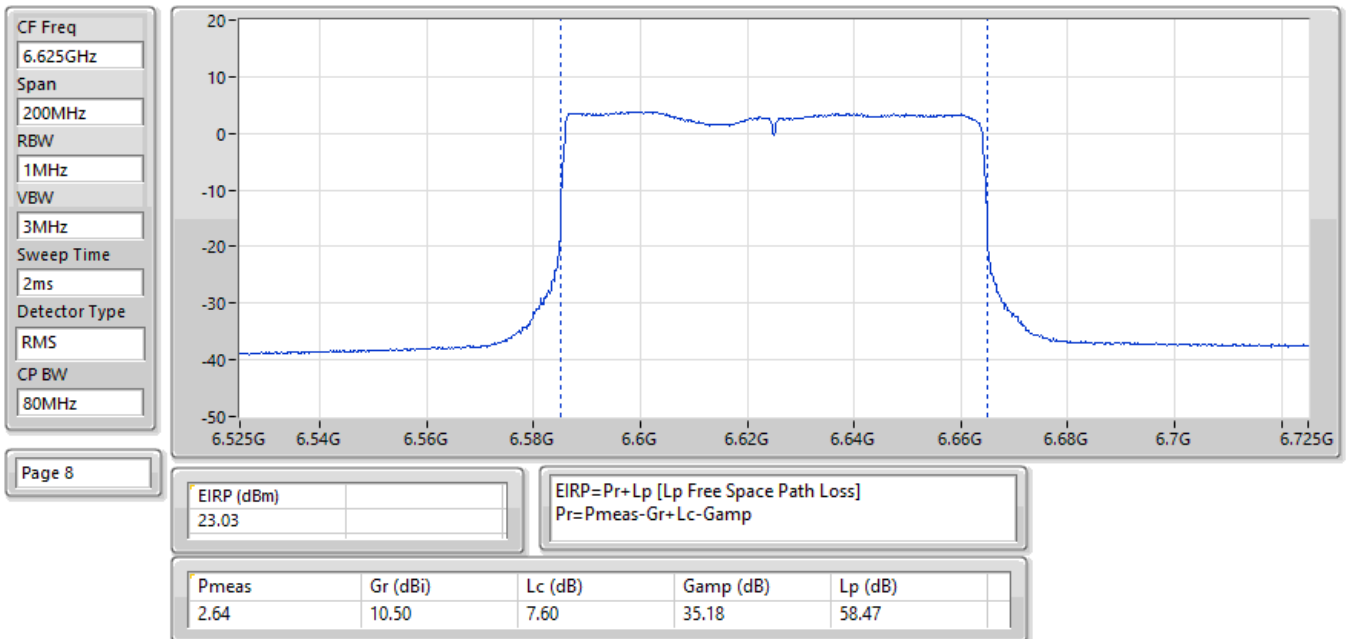
EIRP;Band:6.7G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6695MHz;TX



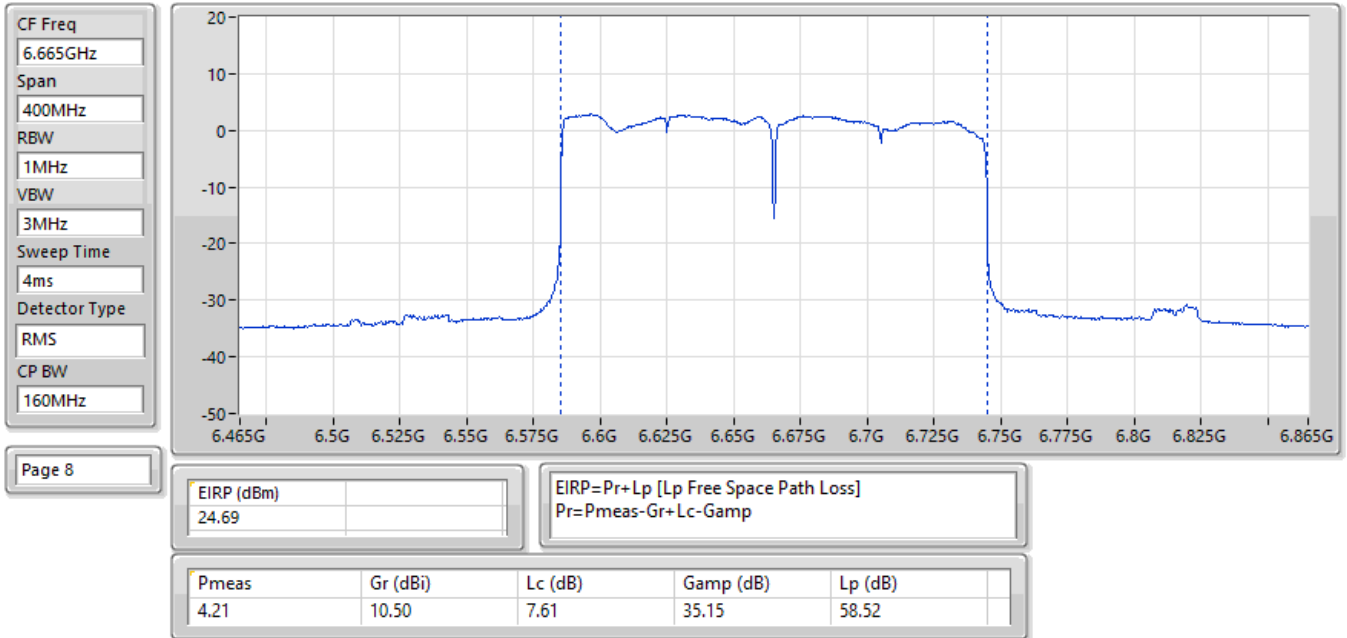
EIRP:Band:6.7G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6885MHz;TX



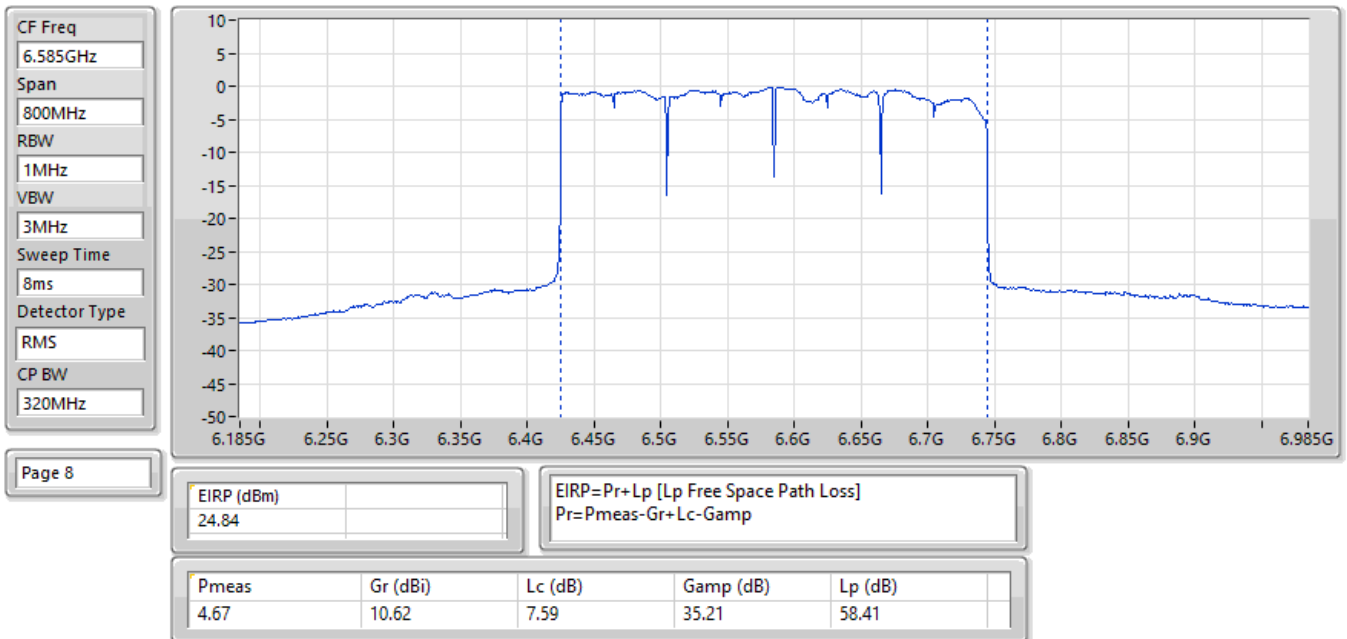
EIRP:Band:6.7G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6625MHz;TX



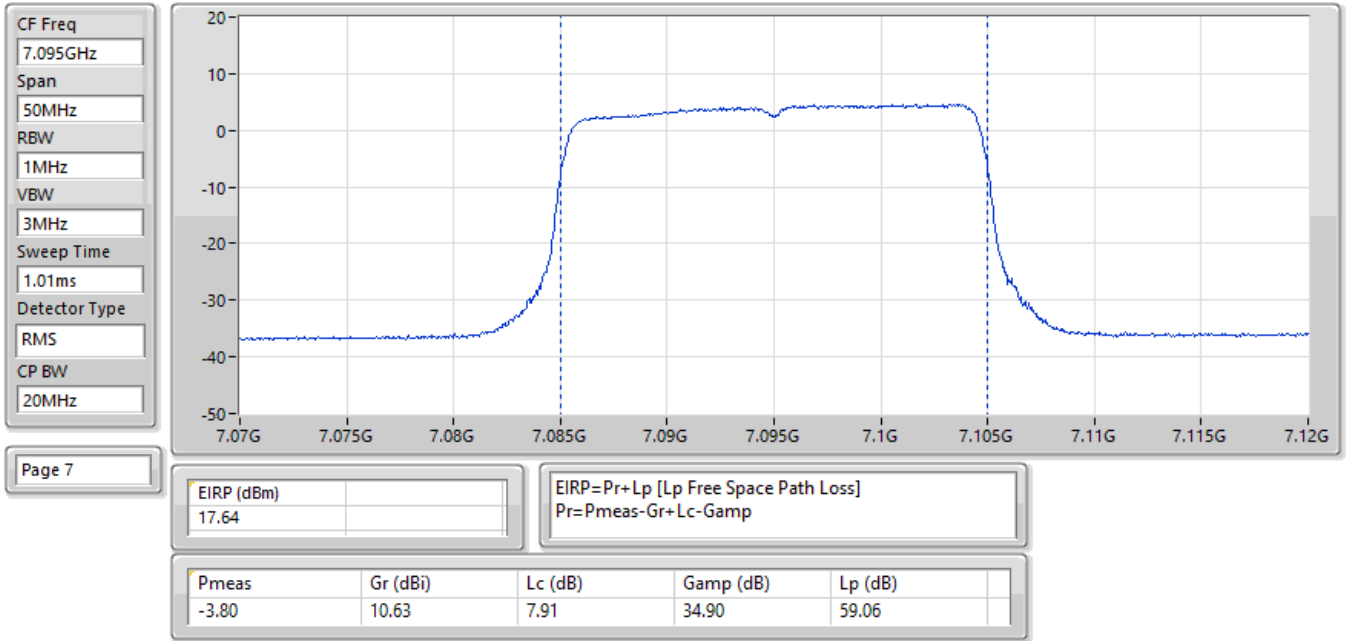
EIRP;Band:6.7G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6665MHz;TX



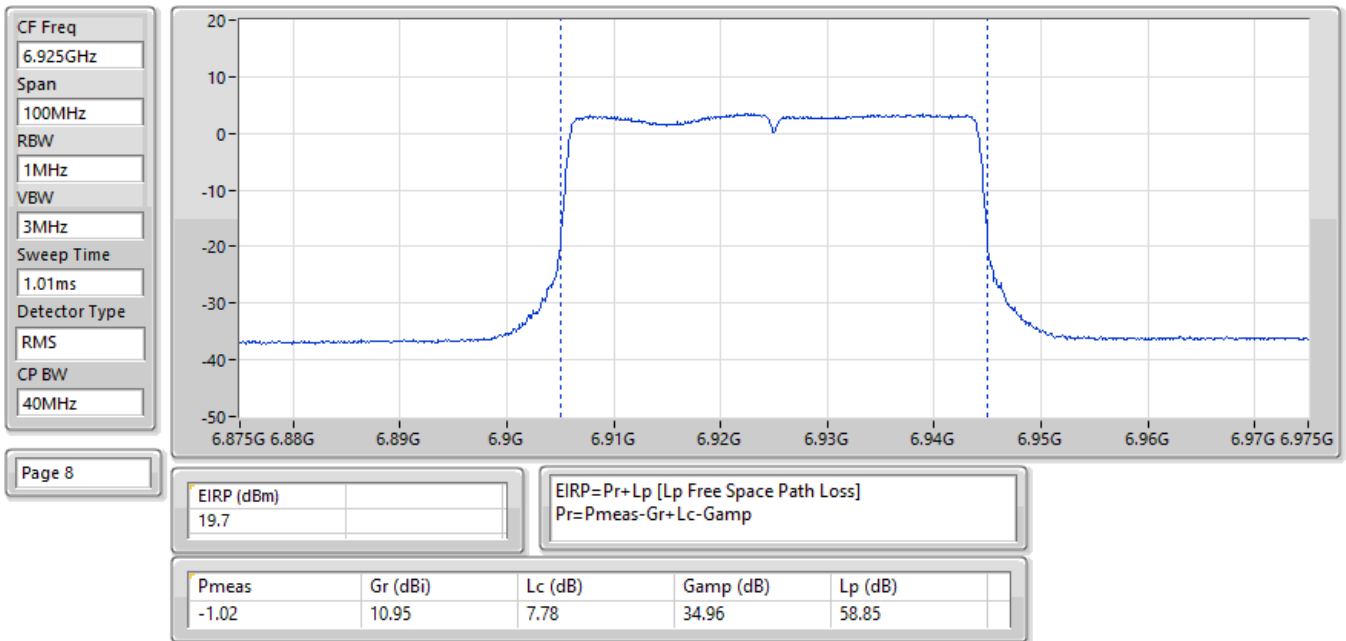
EIRP;Band:6.7G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6585MHz;TX



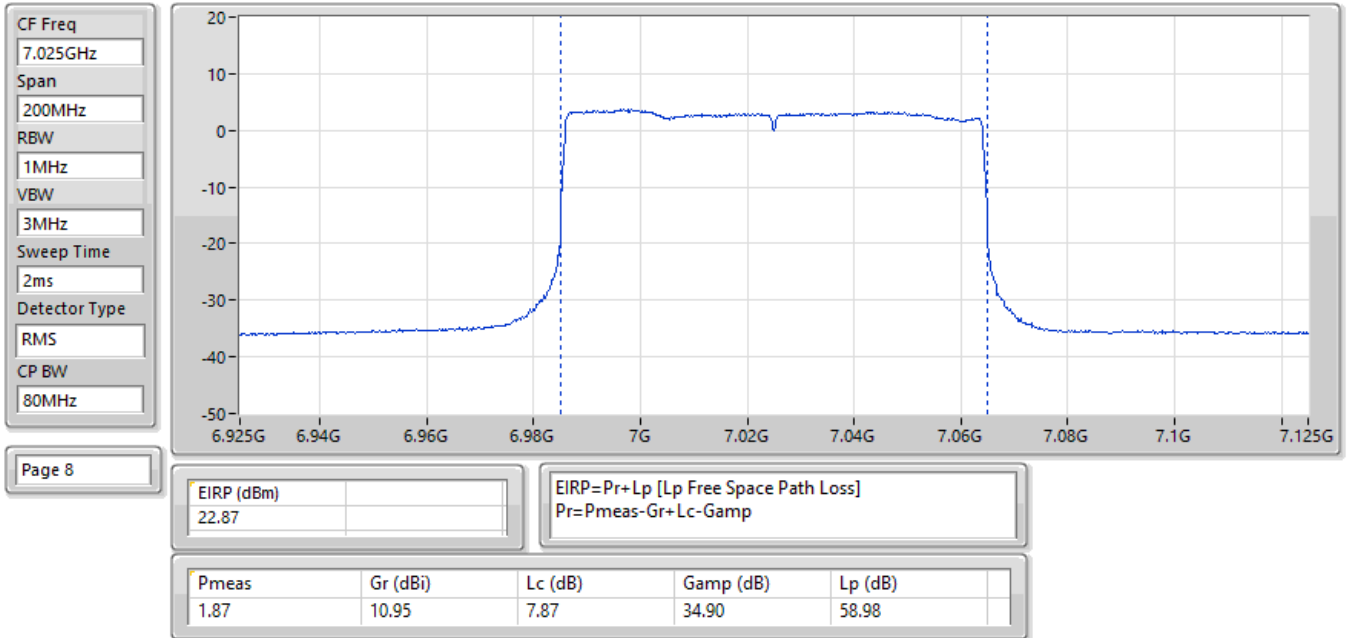
EIRP:Band:7.0G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:7095MHz;TX



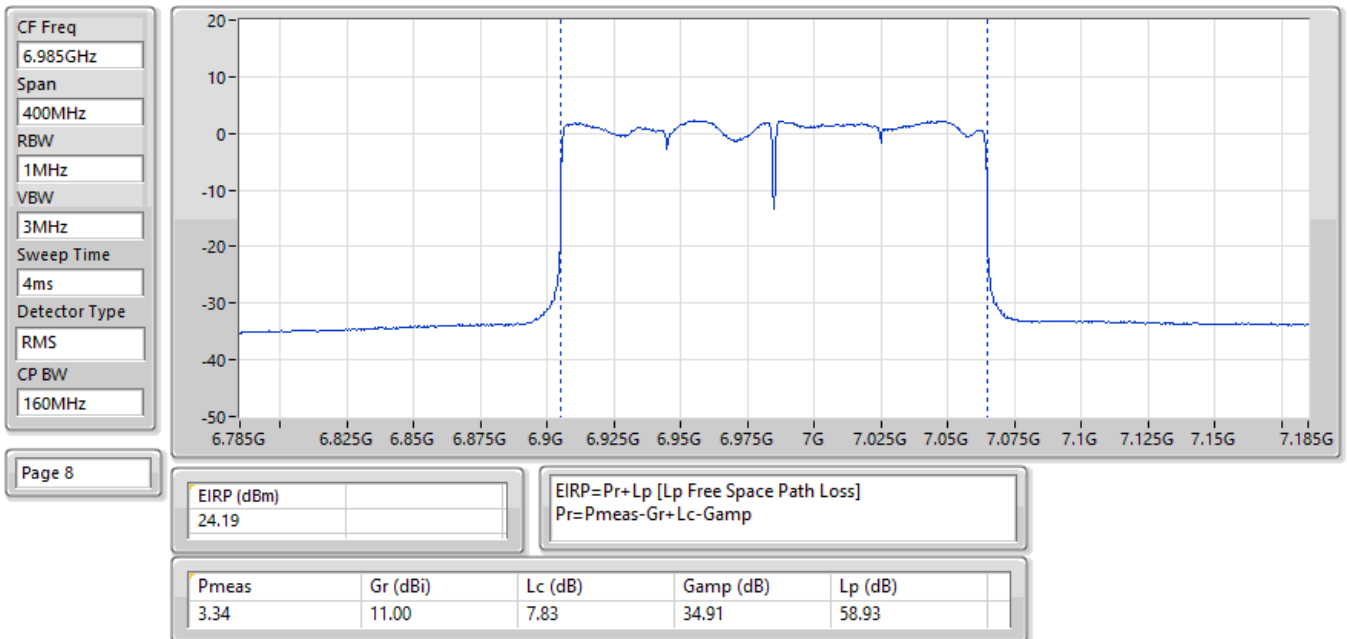
EIRP:Band:7.0G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6925MHz;TX



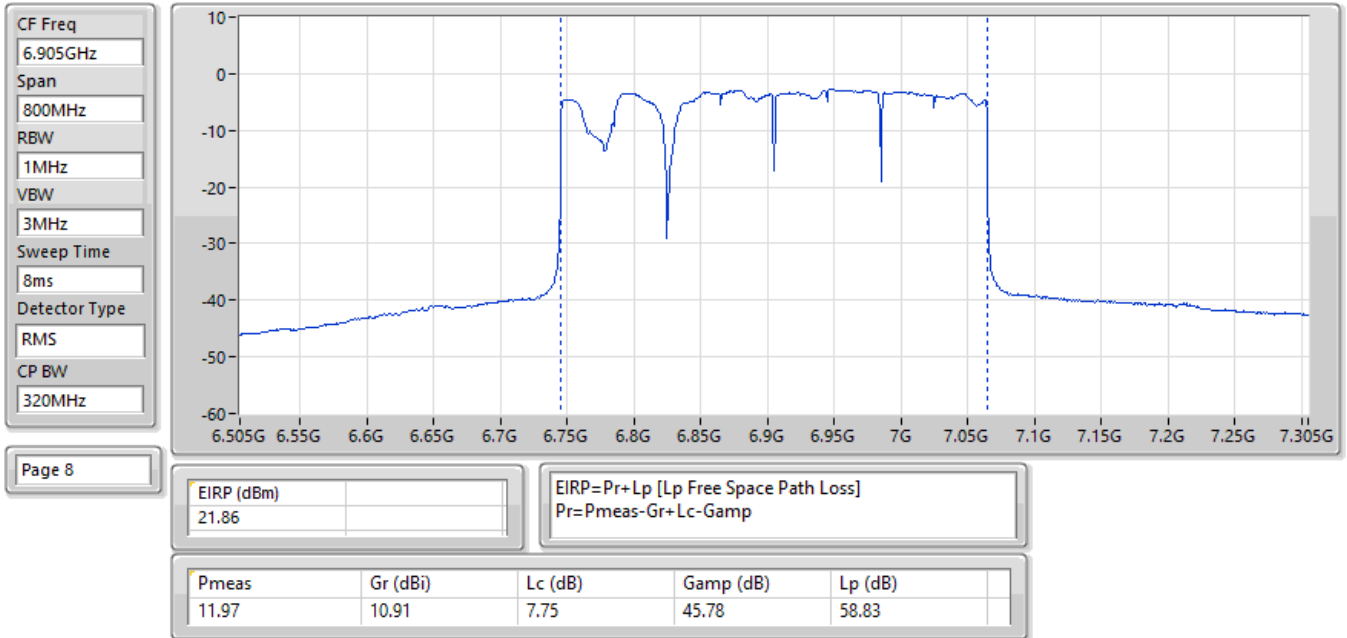
EIRP;Band:7.0G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:7025MHz;TX



EIRP;Band:7.0G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6985MHz;TX



EIRP;Band:7.0G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6905MHz;TX



**Summary**

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT20_Nss1,(MCS0)_1TX	4.82
802.11be EHT40_Nss1,(MCS0)_1TX	4.86
802.11be EHT80_Nss1,(MCS0)_1TX	4.74
802.11be EHT160_Nss1,(MCS0)_1TX	3.54
802.11be EHT320_Nss1,(MCS0)_1TX	1.09
6.425-6.525GHz	-
802.11be EHT20_Nss1,(MCS0)_1TX	4.79
802.11be EHT40_Nss1,(MCS0)_1TX	4.88
802.11be EHT80_Nss1,(MCS0)_1TX	4.78
802.11be EHT160_Nss1,(MCS0)_1TX	3.19
6.525-6.875GHz	-
802.11be EHT20_Nss1,(MCS0)_1TX	4.90
802.11be EHT40_Nss1,(MCS0)_1TX	4.82
802.11be EHT80_Nss1,(MCS0)_1TX	4.76
802.11be EHT160_Nss1,(MCS0)_1TX	1.94
802.11be EHT320_Nss1,(MCS0)_1TX	0.31
6.875-7.125GHz	-
802.11be EHT20_Nss1,(MCS0)_1TX	4.92
802.11be EHT40_Nss1,(MCS0)_1TX	4.50
802.11be EHT80_Nss1,(MCS0)_1TX	1.23
802.11be EHT160_Nss1,(MCS0)_1TX	-1.15
802.11be EHT320_Nss1,(MCS0)_1TX	-1.76

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

Result

Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-
5955MHz	Pass	4.57	5.00
6195MHz	Pass	4.82	5.00
6415MHz	Pass	4.65	5.00
6435MHz	Pass	4.67	5.00
6475MHz	Pass	4.64	5.00
6515MHz	Pass	4.79	5.00
6535MHz	Pass	4.71	5.00
6695MHz	Pass	4.90	5.00
6875MHz	Pass	4.72	5.00
6895MHz	Pass	4.50	5.00
6995MHz	Pass	4.72	5.00
7095MHz	Pass	4.92	5.00
7115MHz	Pass	-3.95	5.00
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-
5965MHz	Pass	4.86	5.00
6205MHz	Pass	4.47	5.00
6405MHz	Pass	4.85	5.00
6445MHz	Pass	4.45	5.00
6485MHz	Pass	4.49	5.00
6525MHz	Pass	4.88	5.00
6565MHz	Pass	4.78	5.00
6685MHz	Pass	4.48	5.00
6885MHz	Pass	4.82	5.00
6925MHz	Pass	4.11	5.00
7005MHz	Pass	4.50	5.00
7085MHz	Pass	4.48	5.00
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-
5985MHz	Pass	4.74	5.00
6225MHz	Pass	4.46	5.00
6385MHz	Pass	4.57	5.00
6465MHz	Pass	4.68	5.00
6545MHz	Pass	4.78	5.00
6625MHz	Pass	4.36	5.00
6705MHz	Pass	4.18	5.00
6785MHz	Pass	4.76	5.00
6865MHz	Pass	3.83	5.00
6945MHz	Pass	1.23	5.00
7025MHz	Pass	1.08	5.00
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-
6025MHz	Pass	3.30	5.00
6185MHz	Pass	3.54	5.00
6345MHz	Pass	3.16	5.00
6505MHz	Pass	3.19	5.00
6665MHz	Pass	1.94	5.00
6825MHz	Pass	0.65	5.00



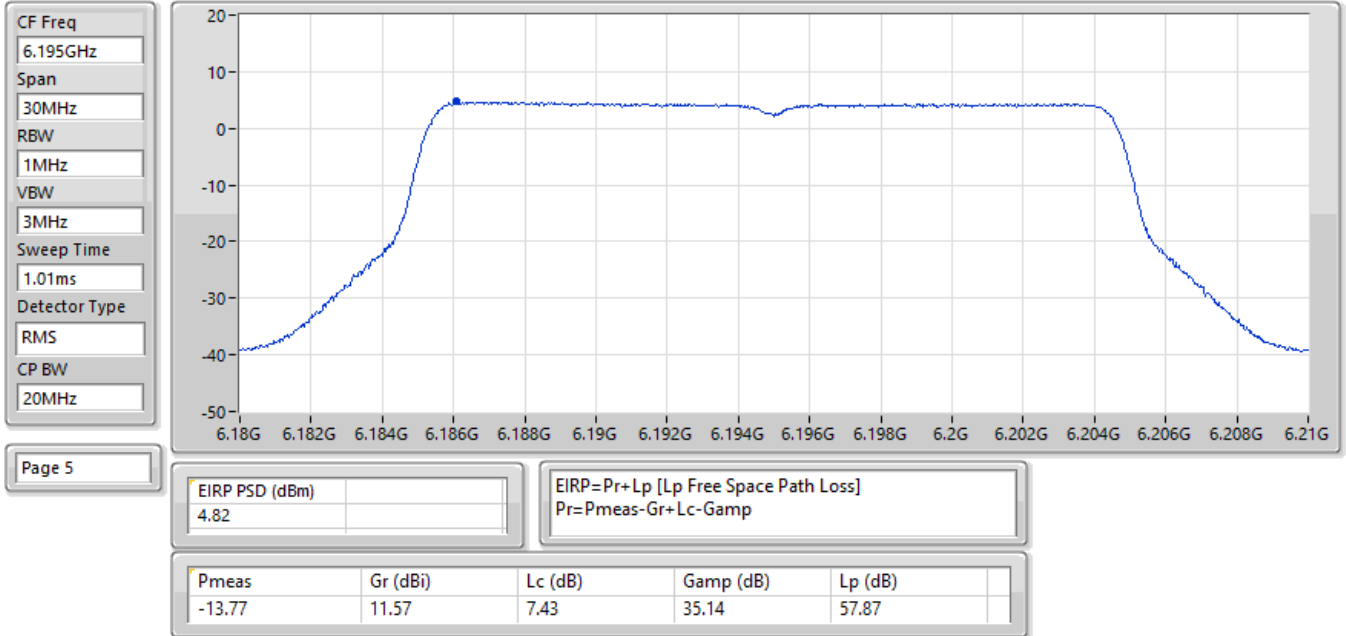
Radiated PSD Non-Beamforming Radio 2 1TX LPI

Appendix D.1

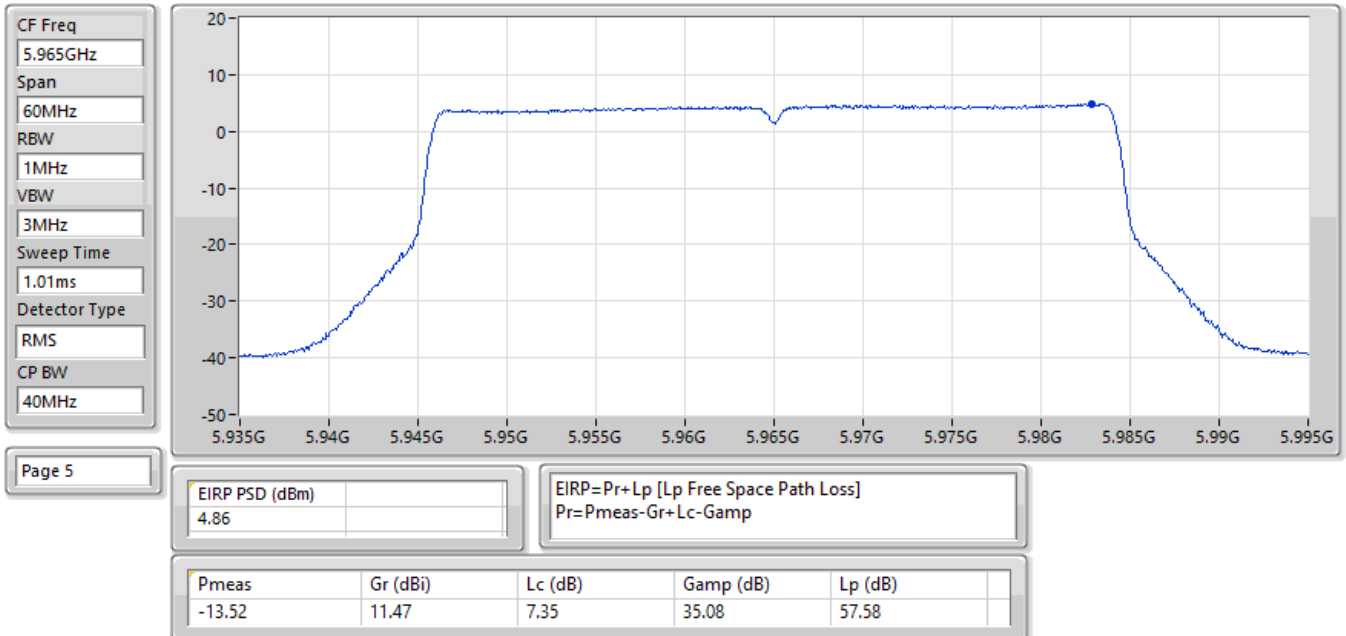
Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
6985MHz	Pass	-1.15	5.00
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-
6105MHz	Pass	1.09	5.00
6265MHz	Pass	1.00	5.00
6425MHz	Pass	0.33	5.00
6585MHz	Pass	0.31	5.00
6745MHz	Pass	-1.36	5.00
6905MHz	Pass	-1.76	5.00

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;
Inf = There's no restriction for the limit.

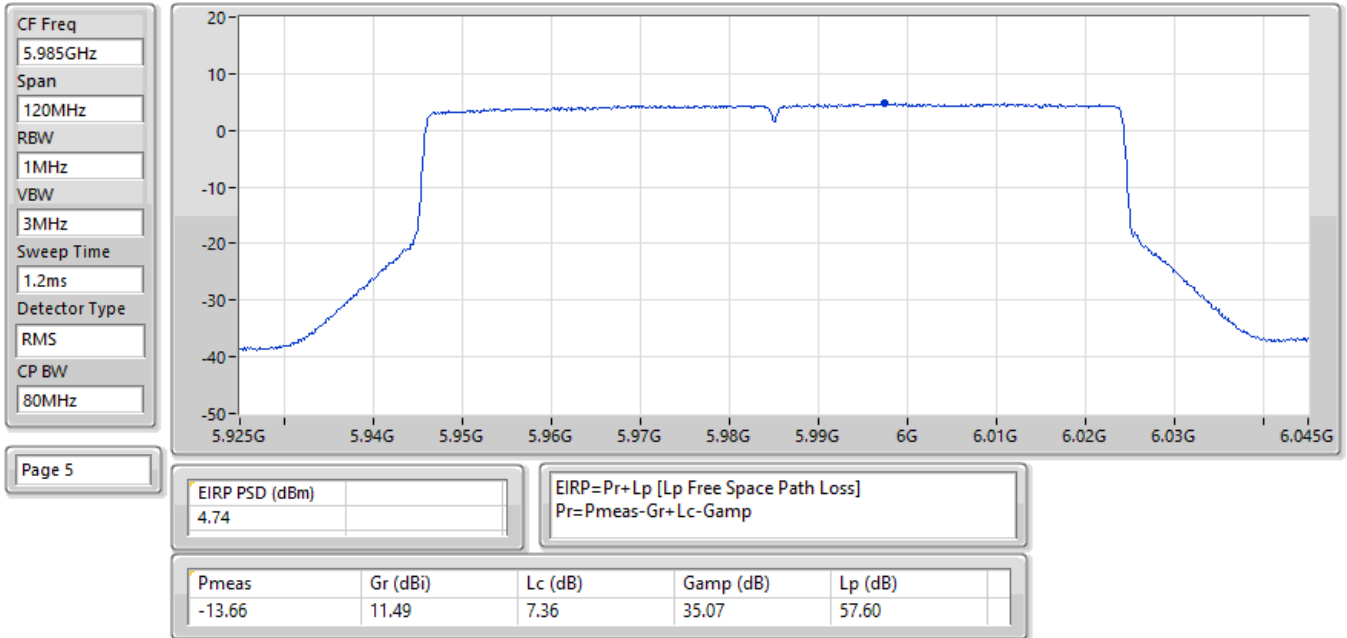
EIRP PSD;Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:1(1);Ch:6195MHz;TX



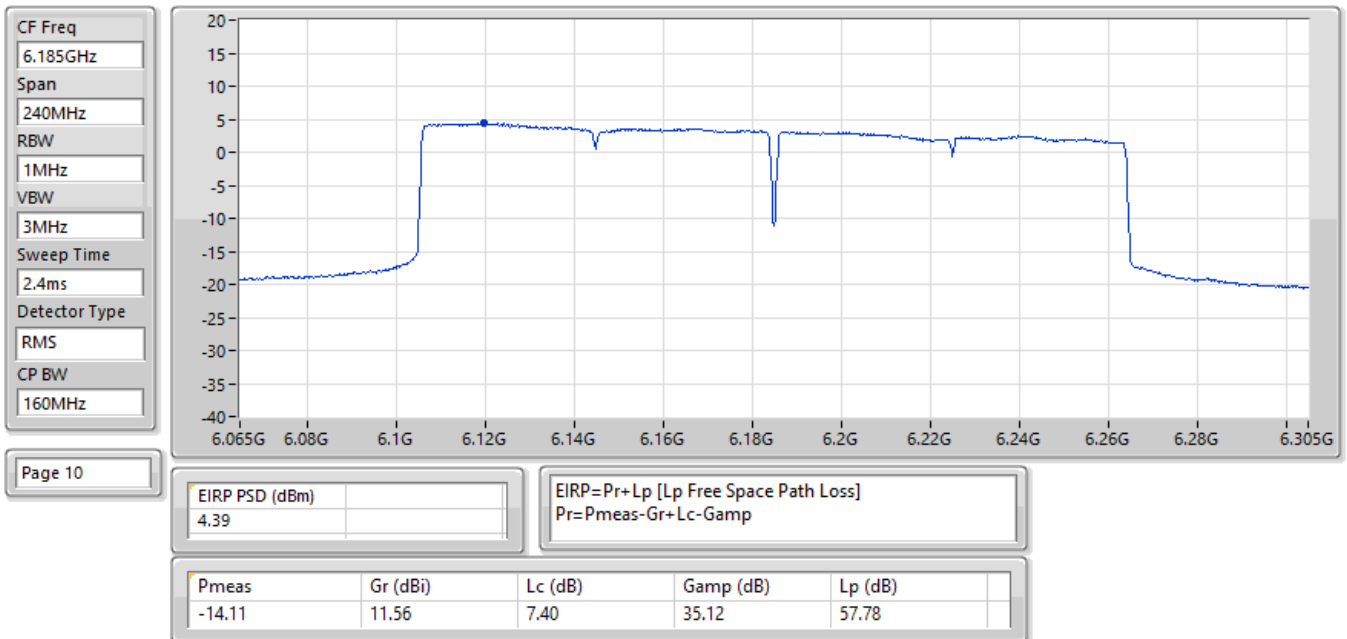
EIRP PSD;Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:1(1);Ch:5965MHz;TX



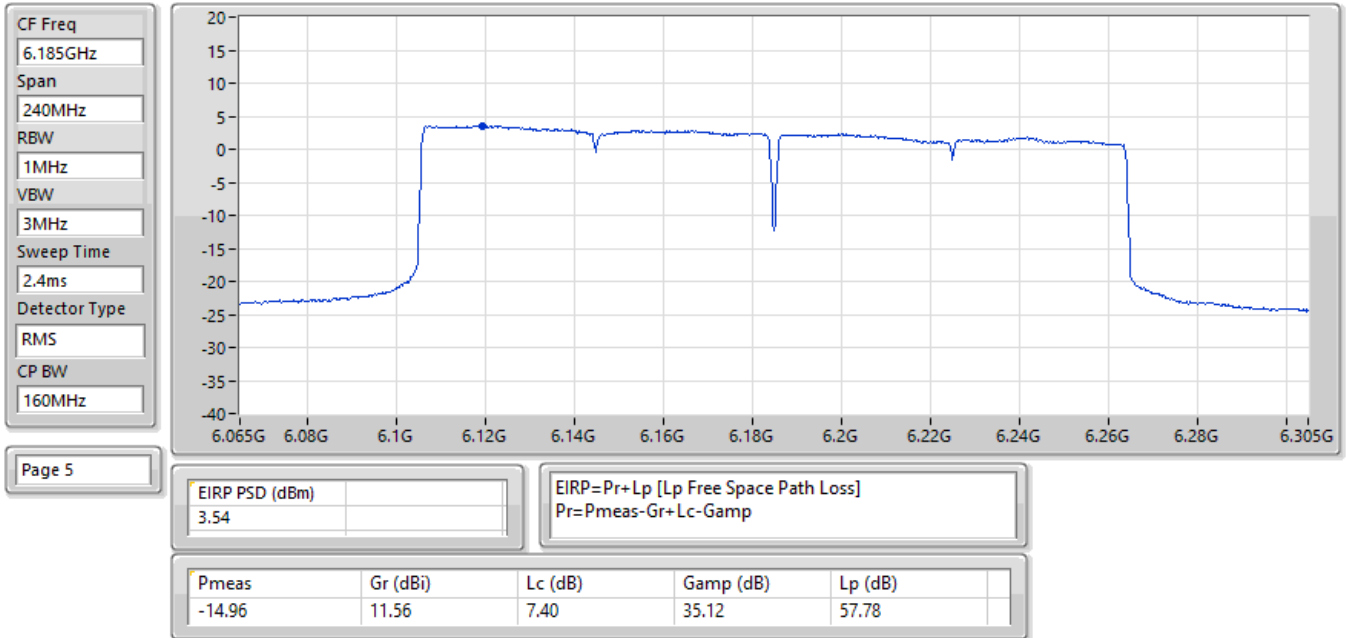
EIRP PSD;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0);Nant:1(1);Ch:5985MHz;TX



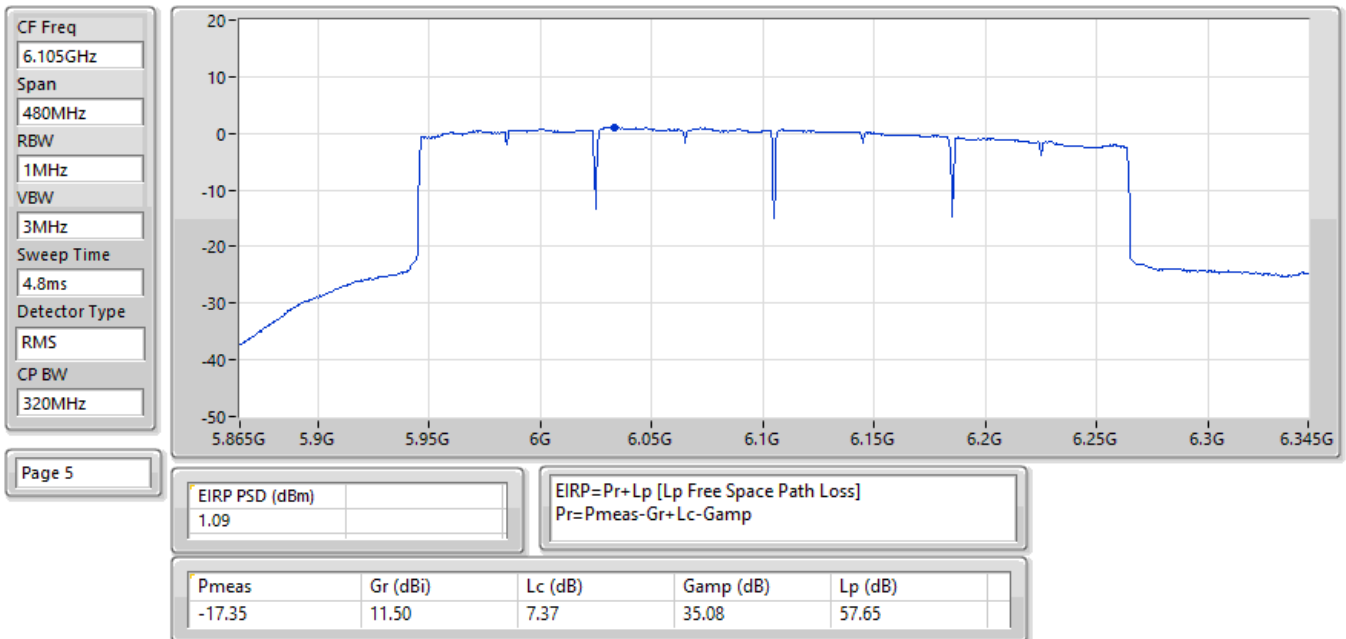
EIRP PSD;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:1(1);Ch:6185MHz;TX



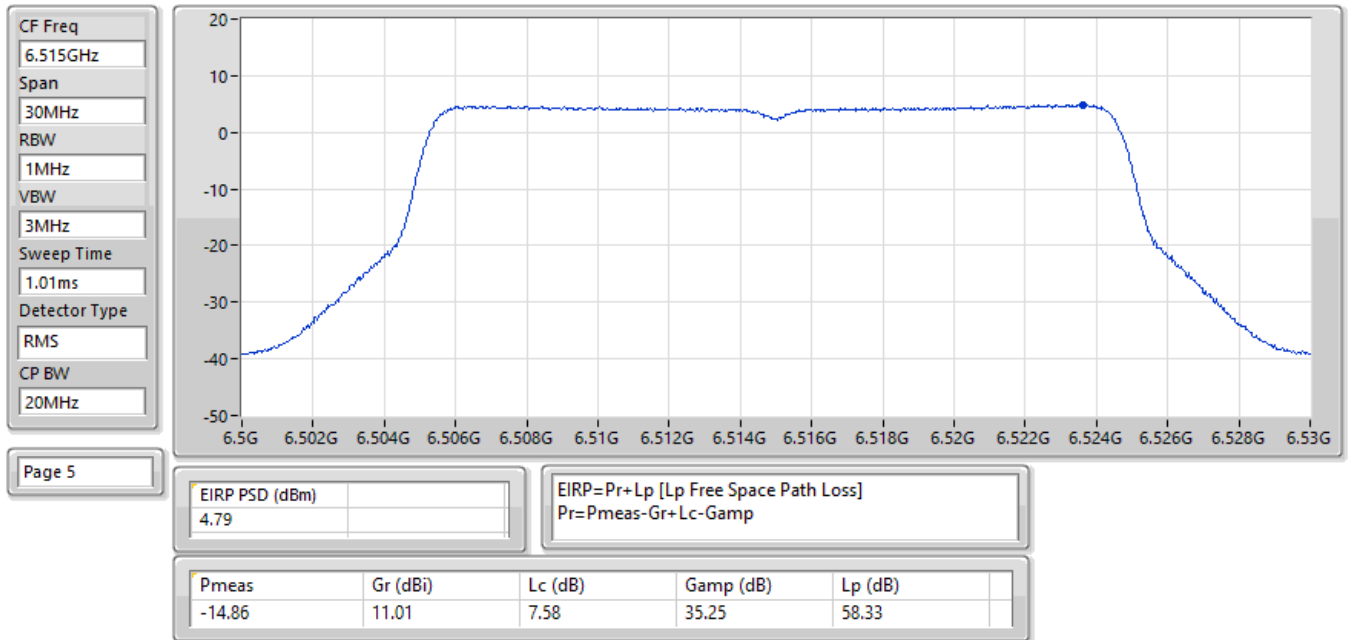
EIRP PSD;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:1(1);Ch:6185MHz;TX



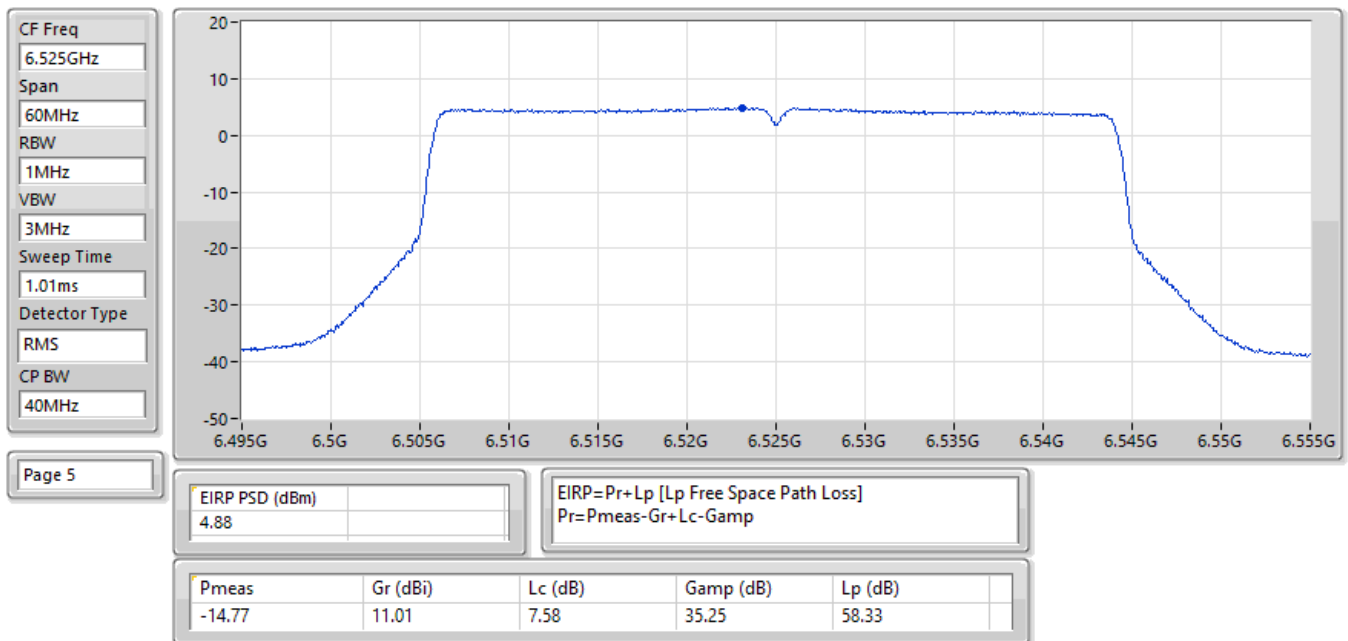
EIRP PSD;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0);Nant:1(1);Ch:6105MHz;TX



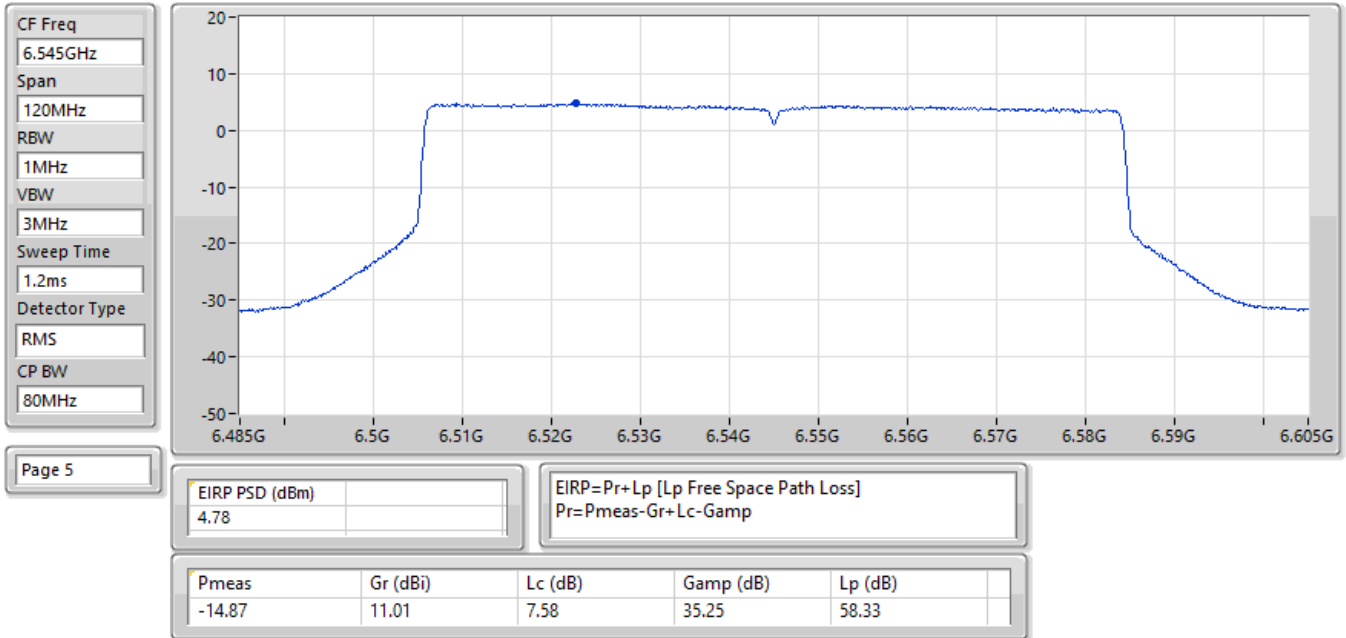
EIRP PSD;Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:1(1);Ch:6515MHz;TX



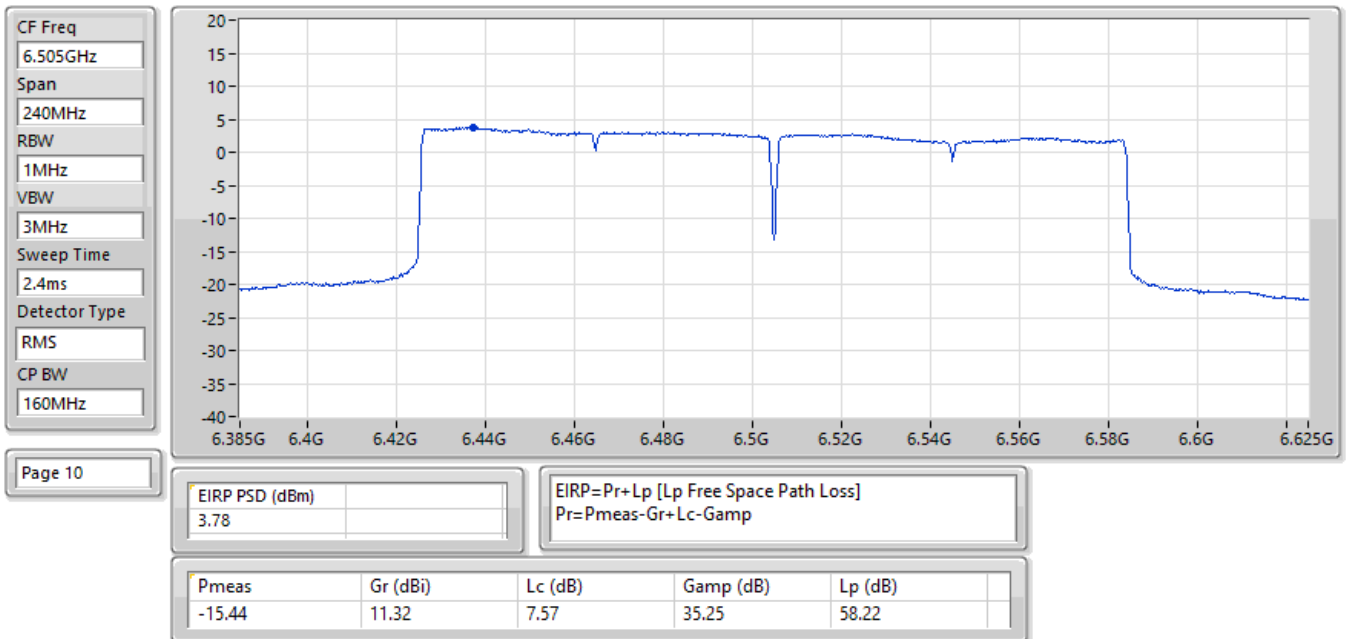
EIRP PSD;Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:1(1);Ch:6525MHz;TX



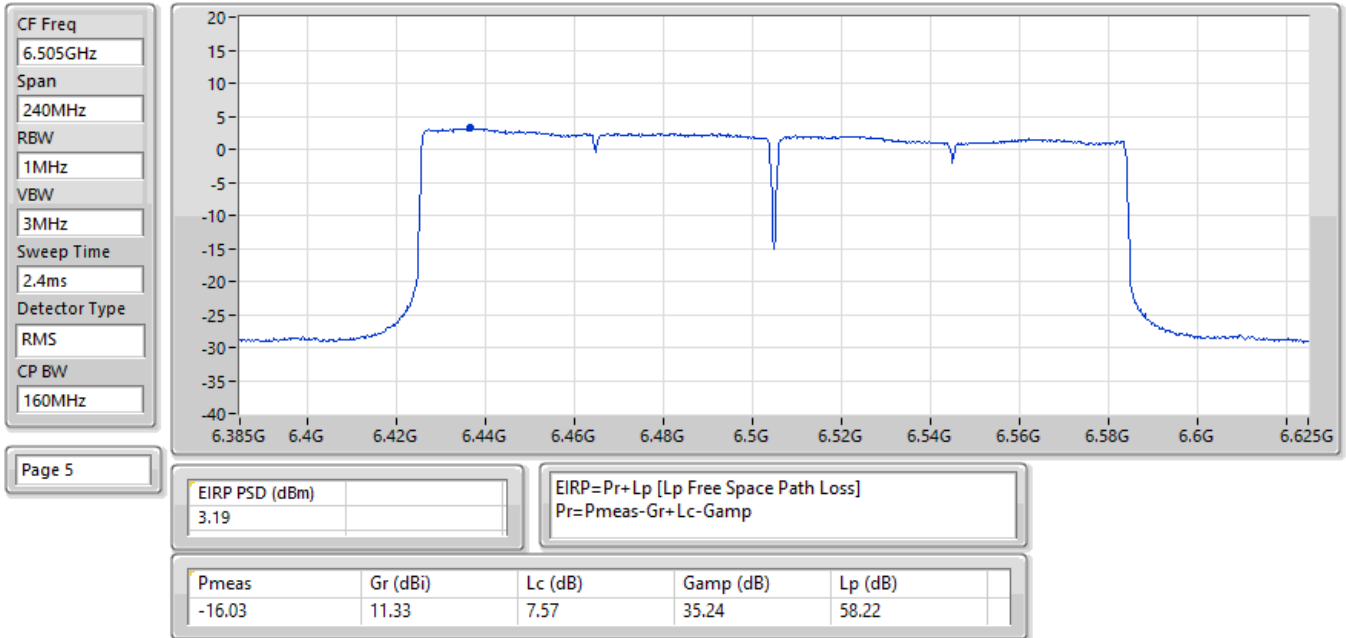
EIRP PSD;Band:6.4G;be80;BWch:80MHz;Nss:1,(M0);Nant:1(1);Ch:6545MHz;TX



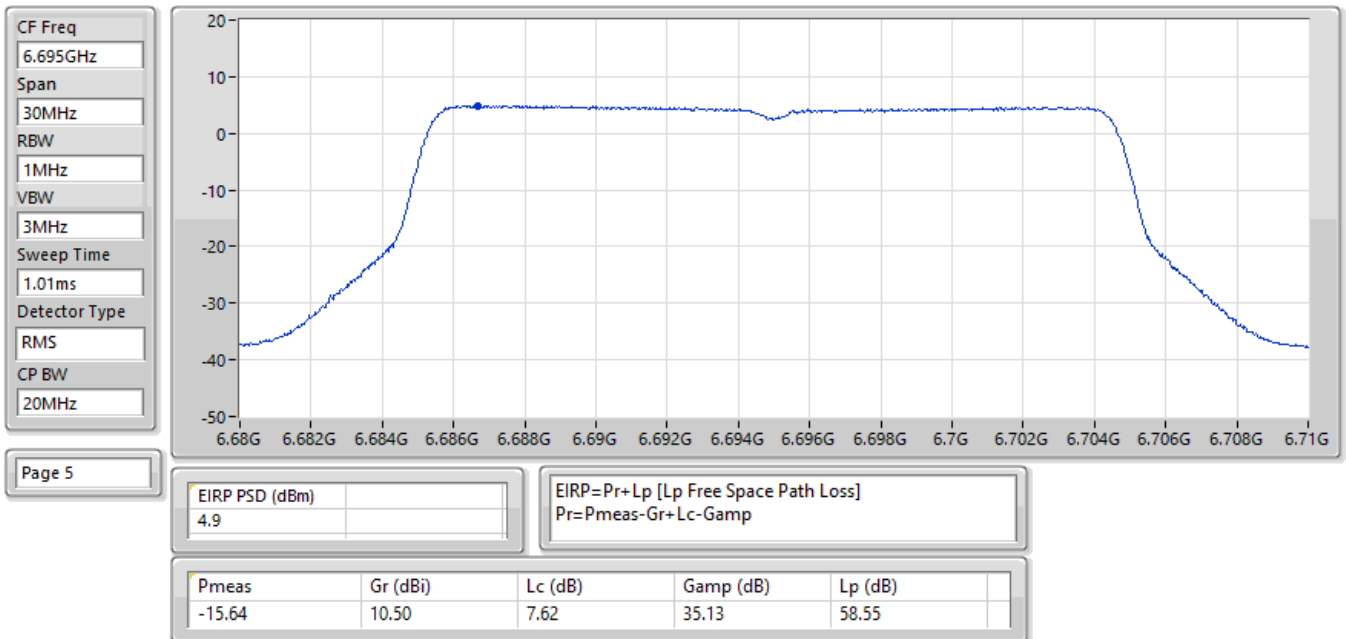
EIRP PSD;Band:6.4G;be160;BWch:160MHz;Nss:1,(M0);Nant:1(1);Ch:6505MHz;TX



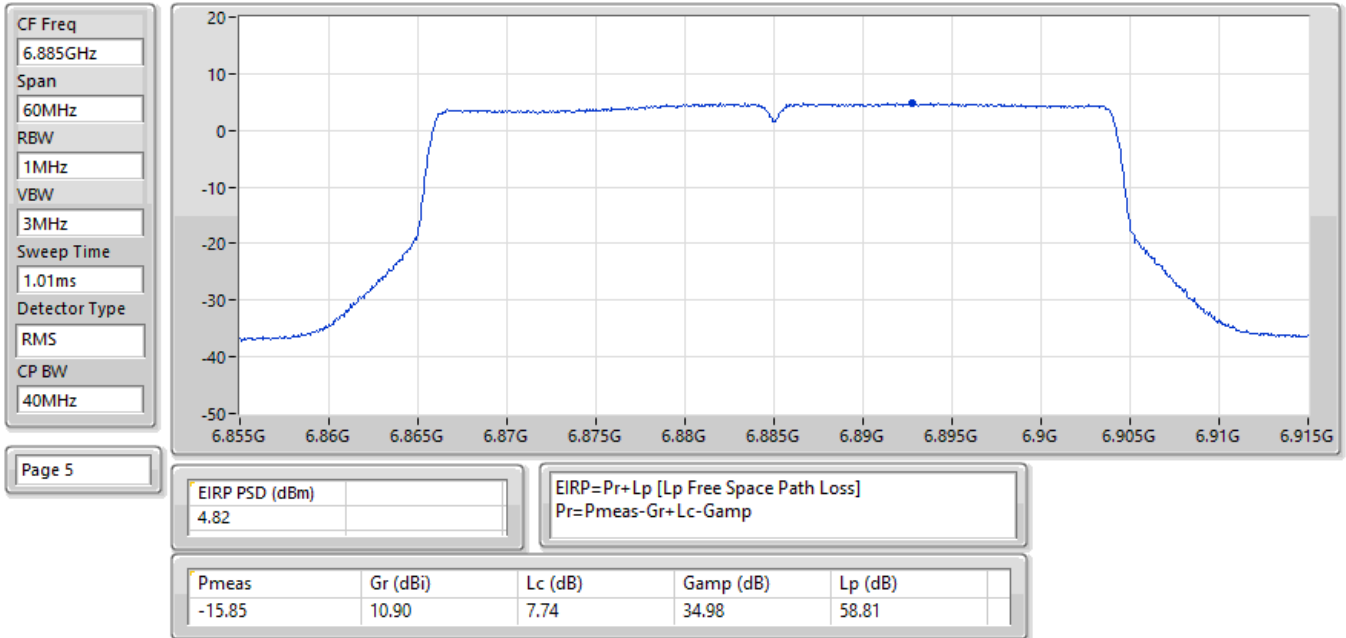
EIRP PSD;Band:6.4G;be160;BWch:160MHz;Nss:1,(M0);Nant:1(1);Ch:6505MHz;TX



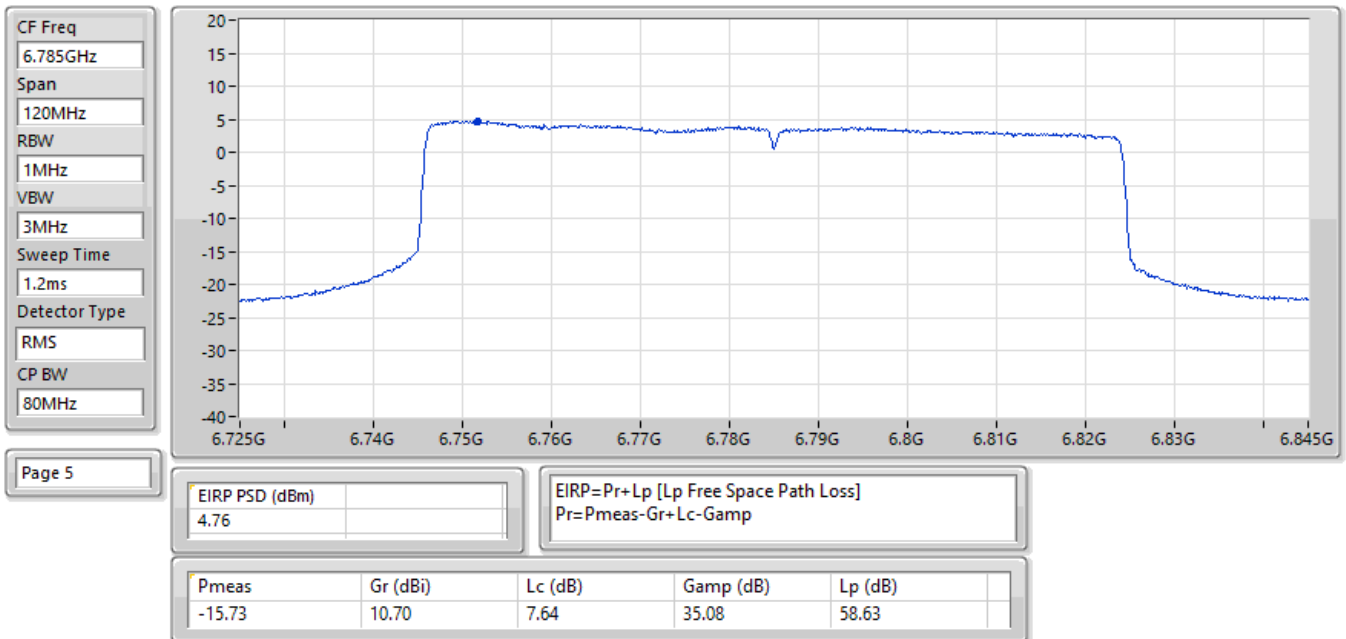
EIRP PSD;Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:1(1);Ch:6695MHz;TX



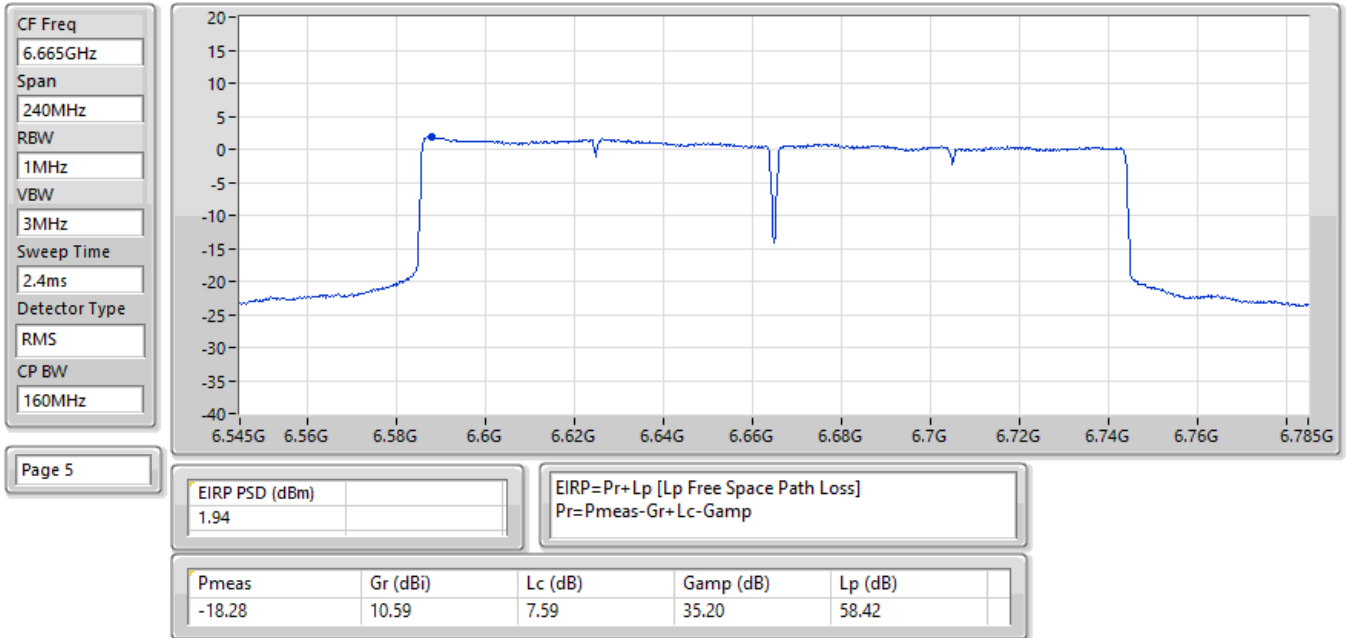
EIRP PSD;Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:1(1);Ch:6885MHz;TX



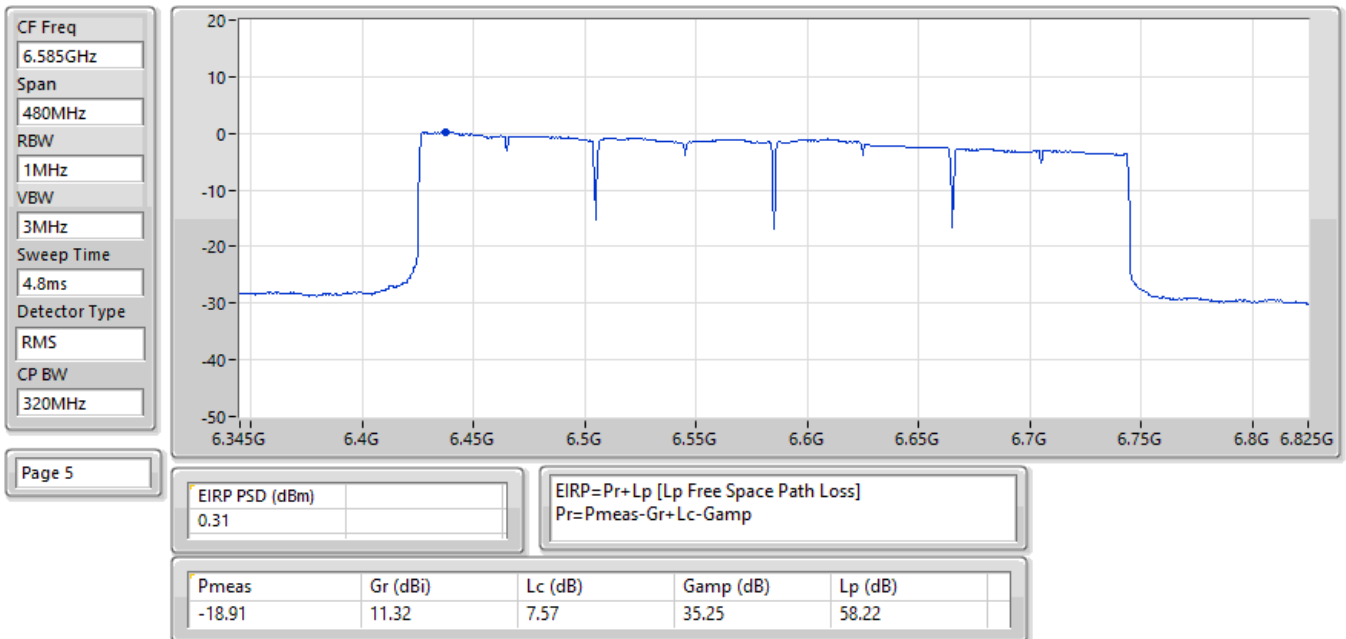
EIRP PSD;Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:1(1);Ch:6785MHz;TX



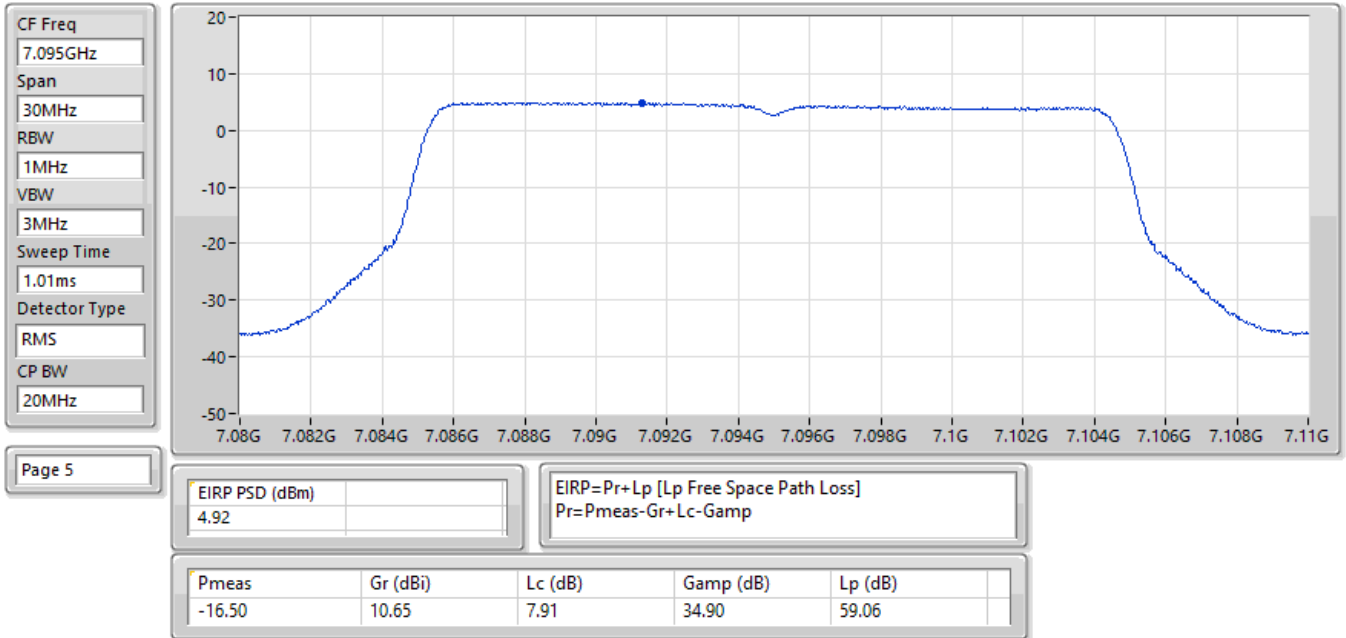
EIRP PSD;Band:6.7G;be160;BWch:160MHz;Nss:1,(M0);Nant:1(1);Ch:6665MHz;TX



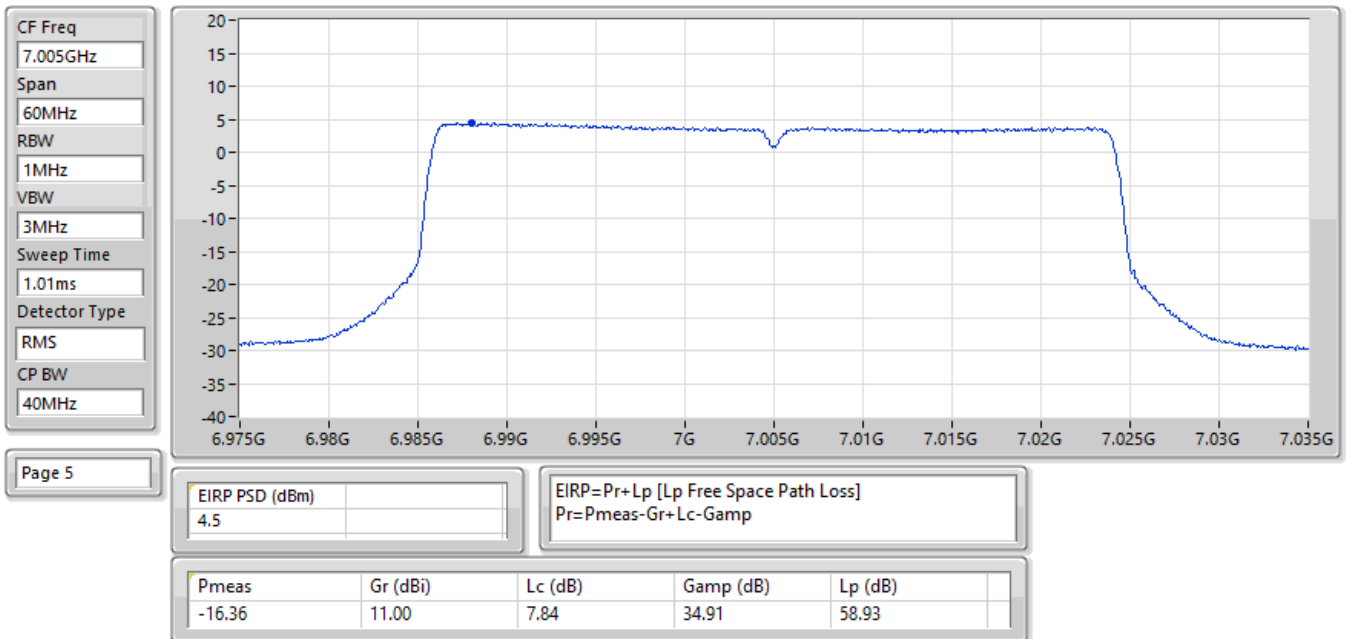
EIRP PSD;Band:6.7G;be320;BWch:320MHz;Nss:1,(M0);Nant:1(1);Ch:6585MHz;TX



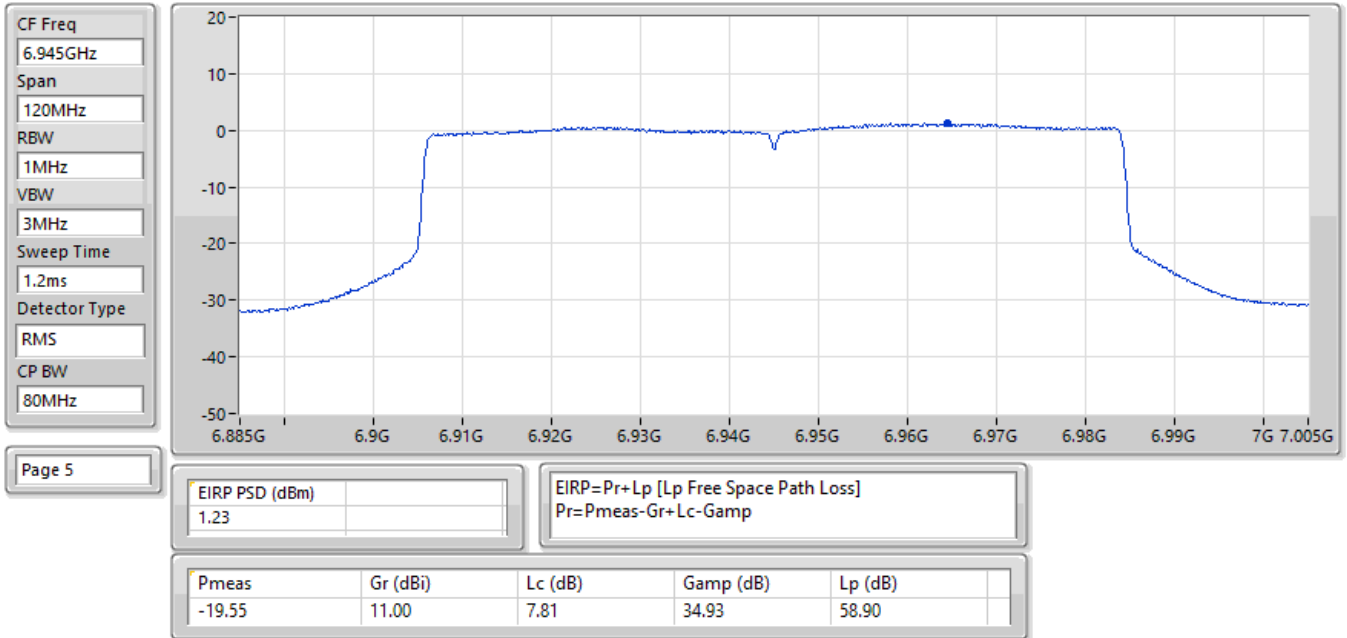
EIRP PSD;Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:1(1);Ch:7095MHz;TX



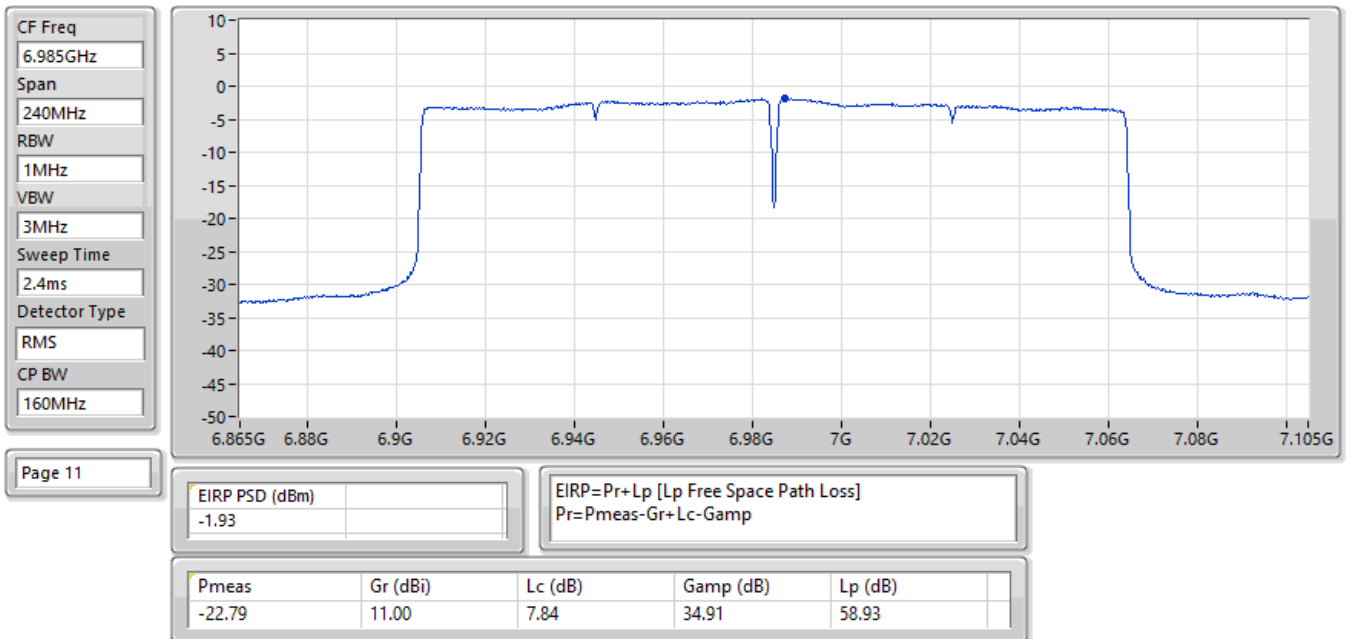
EIRP PSD;Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:1(1);Ch:7005MHz;TX



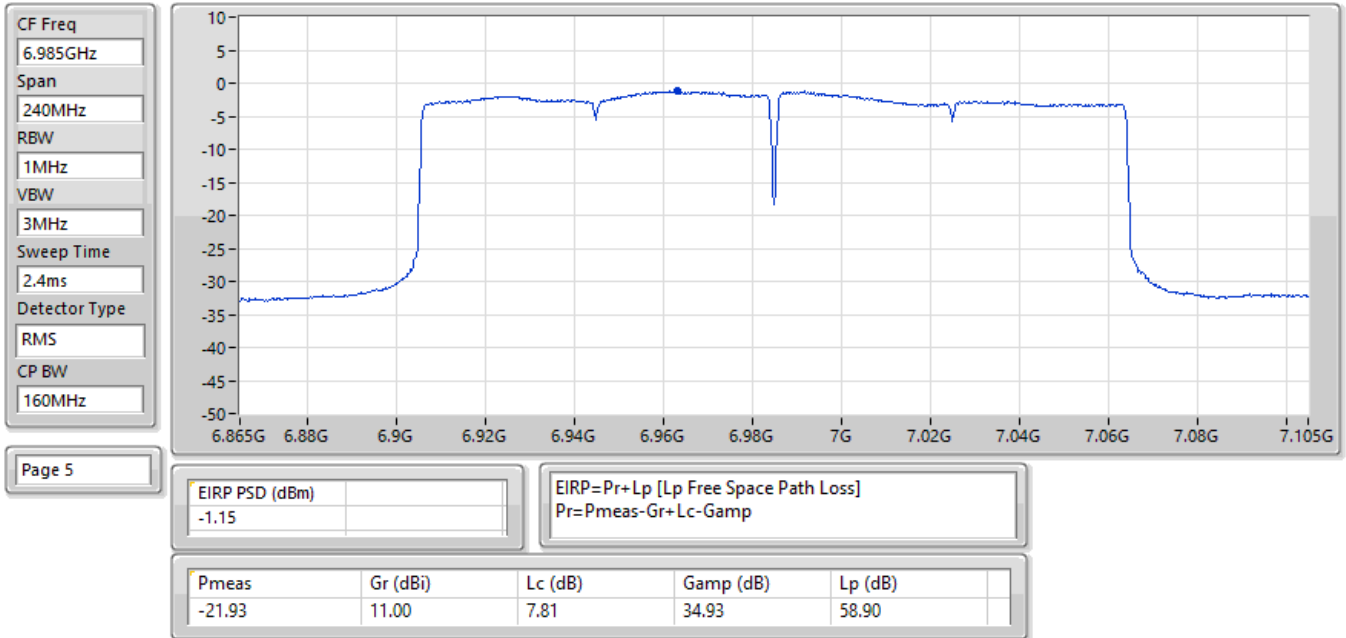
EIRP PSD;Band:7.0G;be80;BWch:80MHz;Nss:1,(M0);Nant:1(1);Ch:6945MHz;TX



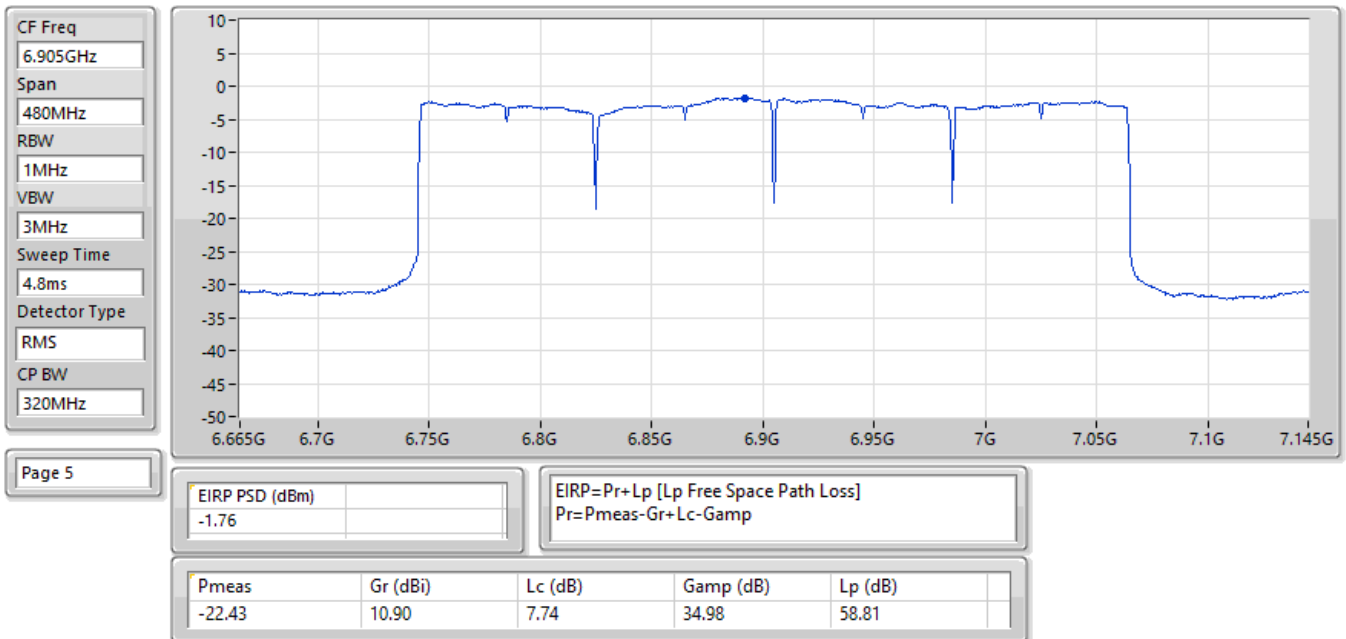
EIRP PSD;Band:7.0G;be160;BWch:160MHz;Nss:1,(M0);Nant:1(1);Ch:6985MHz;TX



EIRP PSD;Band:7.0G;be160;BWch:160MHz;Nss:1,(M0);Nant:1(1);Ch:6985MHz;TX



EIRP PSD;Band:7.0G;be320;BWch:320MHz;Nss:1,(M0);Nant:1(1);Ch:6905MHz;TX



**Summary**

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	4.89
802.11be EHT40_Nss1,(MCS0)_2TX	4.93
802.11be EHT80_Nss1,(MCS0)_2TX	4.74
802.11be EHT160_Nss1,(MCS0)_2TX	4.97
802.11be EHT320_Nss1,(MCS0)_2TX	3.39
6.425-6.525GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	4.83
802.11be EHT40_Nss1,(MCS0)_2TX	4.81
802.11be EHT80_Nss1,(MCS0)_2TX	4.85
802.11be EHT160_Nss1,(MCS0)_2TX	4.60
6.525-6.875GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	4.95
802.11be EHT40_Nss1,(MCS0)_2TX	4.87
802.11be EHT80_Nss1,(MCS0)_2TX	4.95
802.11be EHT160_Nss1,(MCS0)_2TX	4.86
802.11be EHT320_Nss1,(MCS0)_2TX	2.96
6.875-7.125GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	4.76
802.11be EHT40_Nss1,(MCS0)_2TX	4.91
802.11be EHT80_Nss1,(MCS0)_2TX	4.91
802.11be EHT160_Nss1,(MCS0)_2TX	4.79
802.11be EHT320_Nss1,(MCS0)_2TX	0.01

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

Result

Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	4.89	5.00
6195MHz	Pass	4.78	5.00
6415MHz	Pass	4.80	5.00
6435MHz	Pass	4.83	5.00
6475MHz	Pass	4.64	5.00
6515MHz	Pass	4.73	5.00
6535MHz	Pass	4.84	5.00
6695MHz	Pass	4.95	5.00
6875MHz	Pass	4.73	5.00
6895MHz	Pass	4.69	5.00
6995MHz	Pass	4.62	5.00
7095MHz	Pass	4.76	5.00
7115MHz	Pass	-2.73	5.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	4.52	5.00
6205MHz	Pass	4.93	5.00
6405MHz	Pass	4.77	5.00
6445MHz	Pass	4.78	5.00
6485MHz	Pass	4.77	5.00
6525MHz	Pass	4.81	5.00
6565MHz	Pass	4.77	5.00
6685MHz	Pass	4.87	5.00
6885MHz	Pass	4.69	5.00
6925MHz	Pass	4.91	5.00
7005MHz	Pass	4.84	5.00
7085MHz	Pass	4.86	5.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	4.74	5.00
6225MHz	Pass	4.70	5.00
6385MHz	Pass	4.64	5.00
6465MHz	Pass	4.55	5.00
6545MHz	Pass	4.85	5.00
6625MHz	Pass	4.88	5.00
6705MHz	Pass	4.81	5.00
6785MHz	Pass	4.94	5.00
6865MHz	Pass	4.95	5.00
6945MHz	Pass	4.69	5.00
7025MHz	Pass	4.91	5.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	4.64	5.00
6185MHz	Pass	4.97	5.00
6345MHz	Pass	4.65	5.00
6505MHz	Pass	4.60	5.00
6665MHz	Pass	4.86	5.00
6825MHz	Pass	4.84	5.00



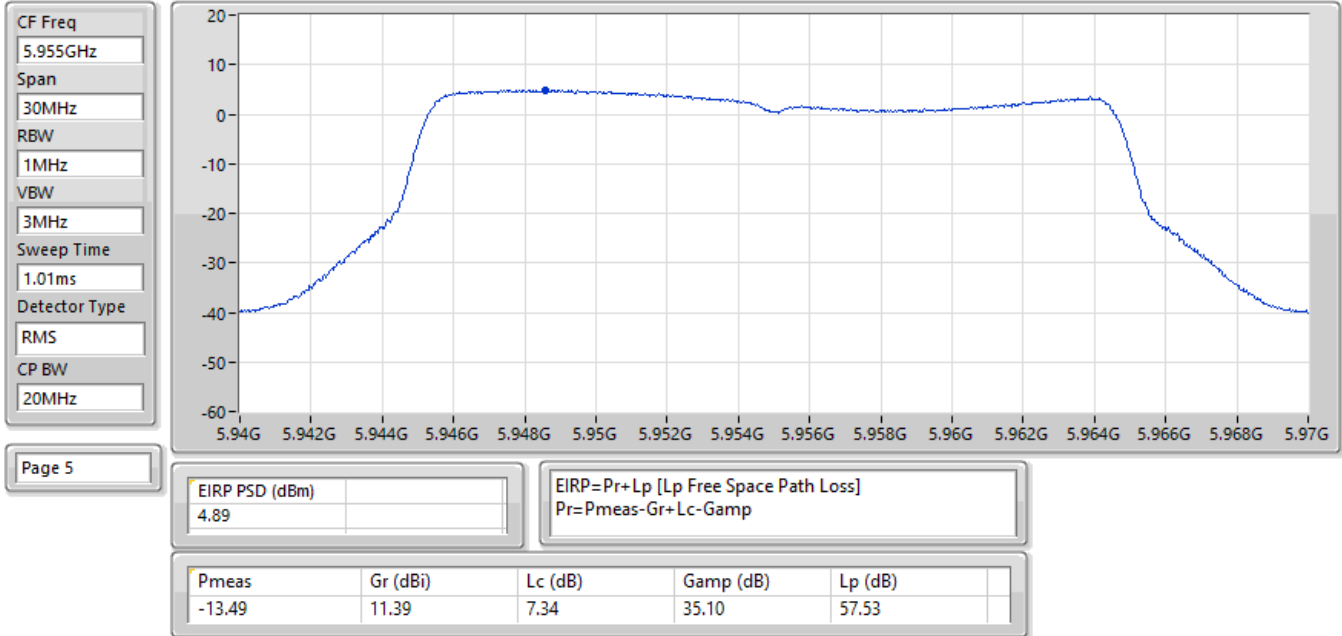
Radiated PSD Non-Beamforming Radio 2 2TX LPI

Appendix D.2

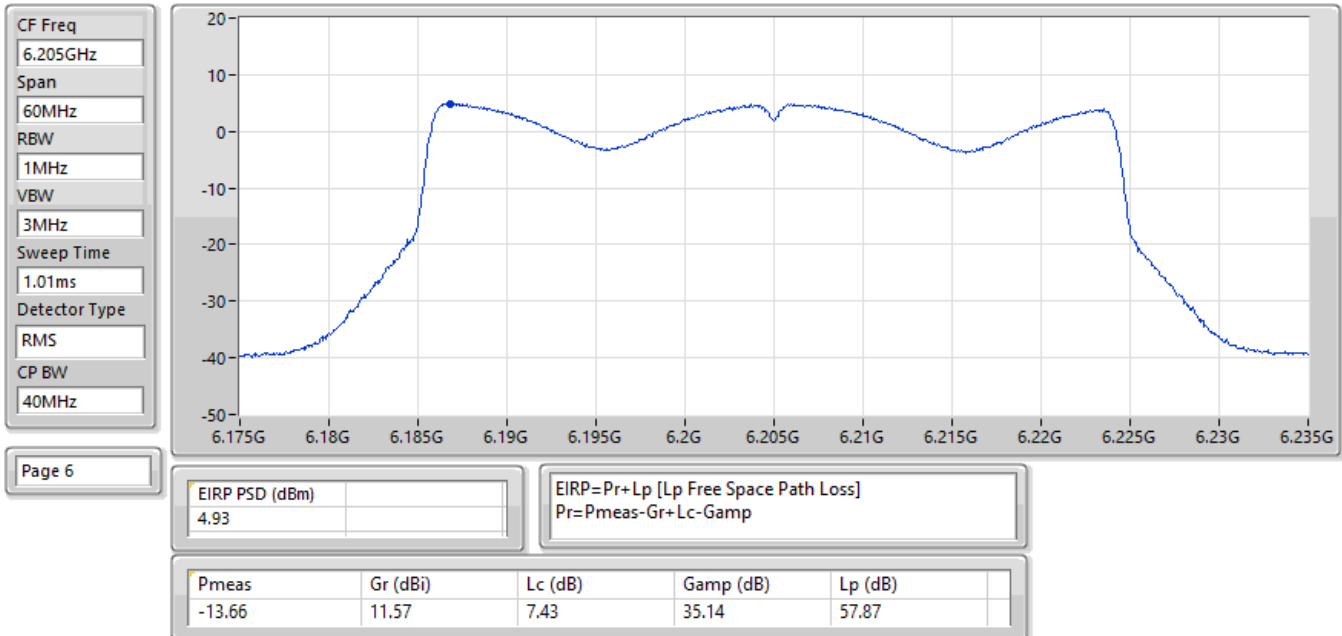
Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
6985MHz	Pass	4.79	5.00
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-
6105MHz	Pass	2.00	5.00
6265MHz	Pass	3.39	5.00
6425MHz	Pass	1.99	5.00
6585MHz	Pass	2.96	5.00
6745MHz	Pass	1.93	5.00
6905MHz	Pass	0.01	5.00

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;
Inf = There's no restriction for the limit.

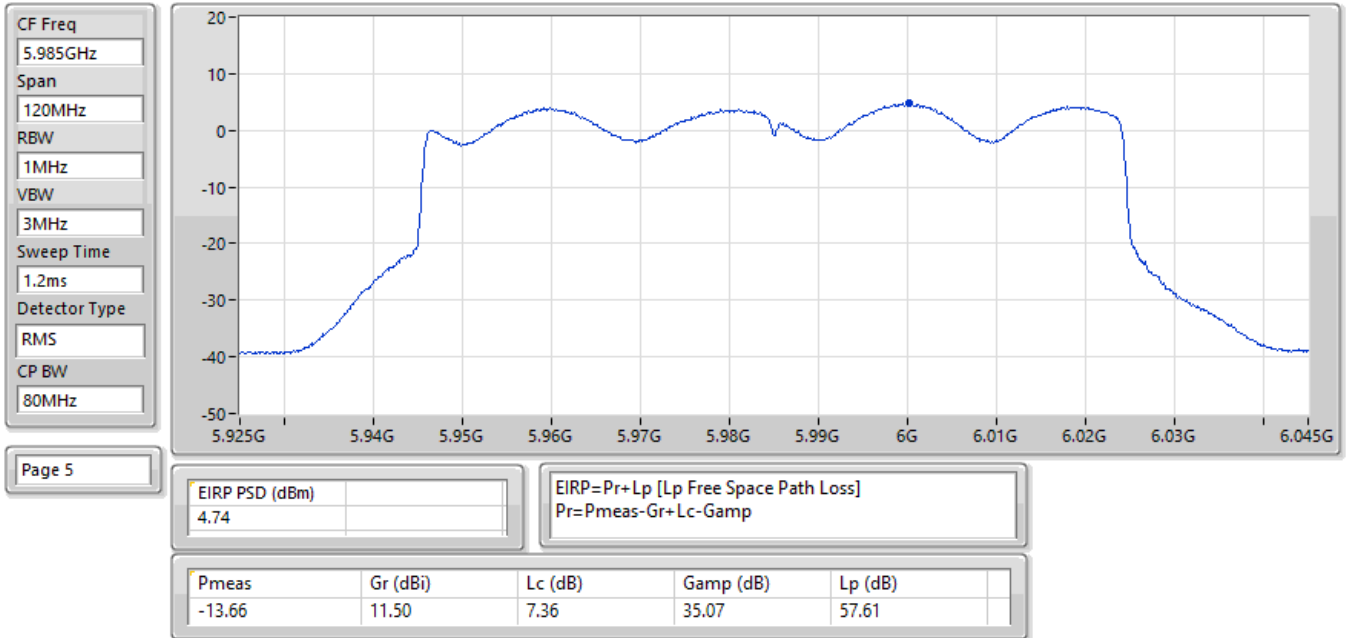
EIRP PSD;Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:5955MHz;TX



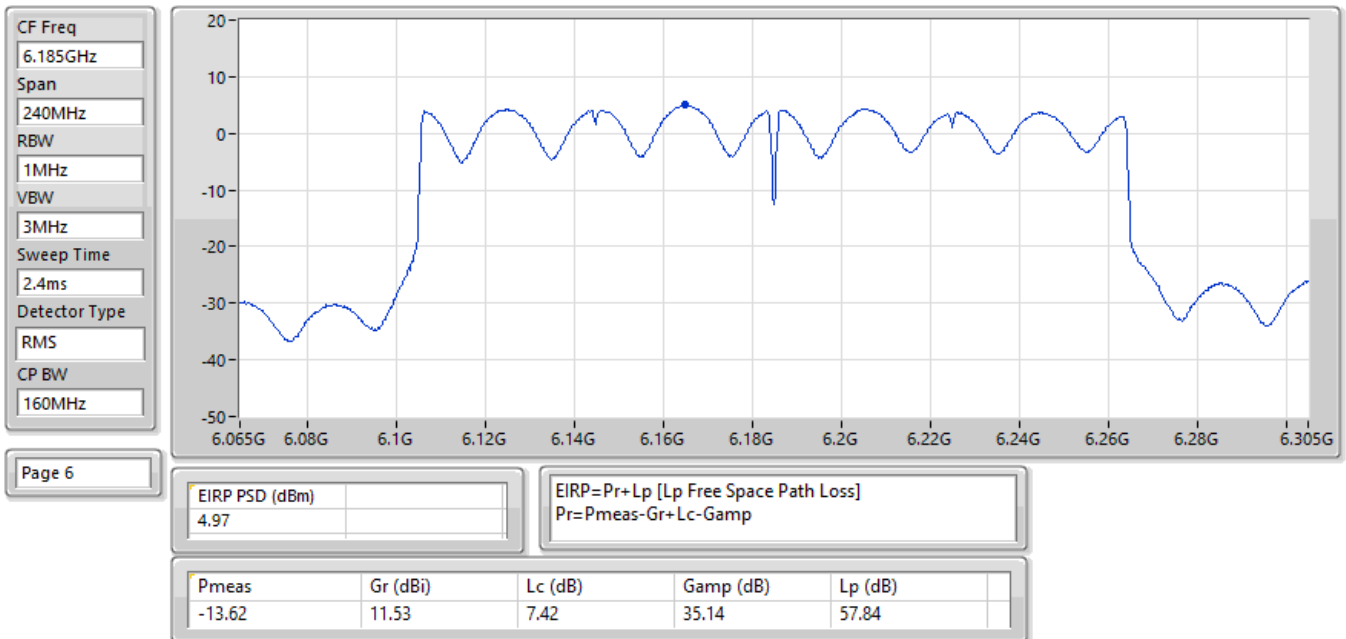
EIRP PSD;Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6205MHz;TX



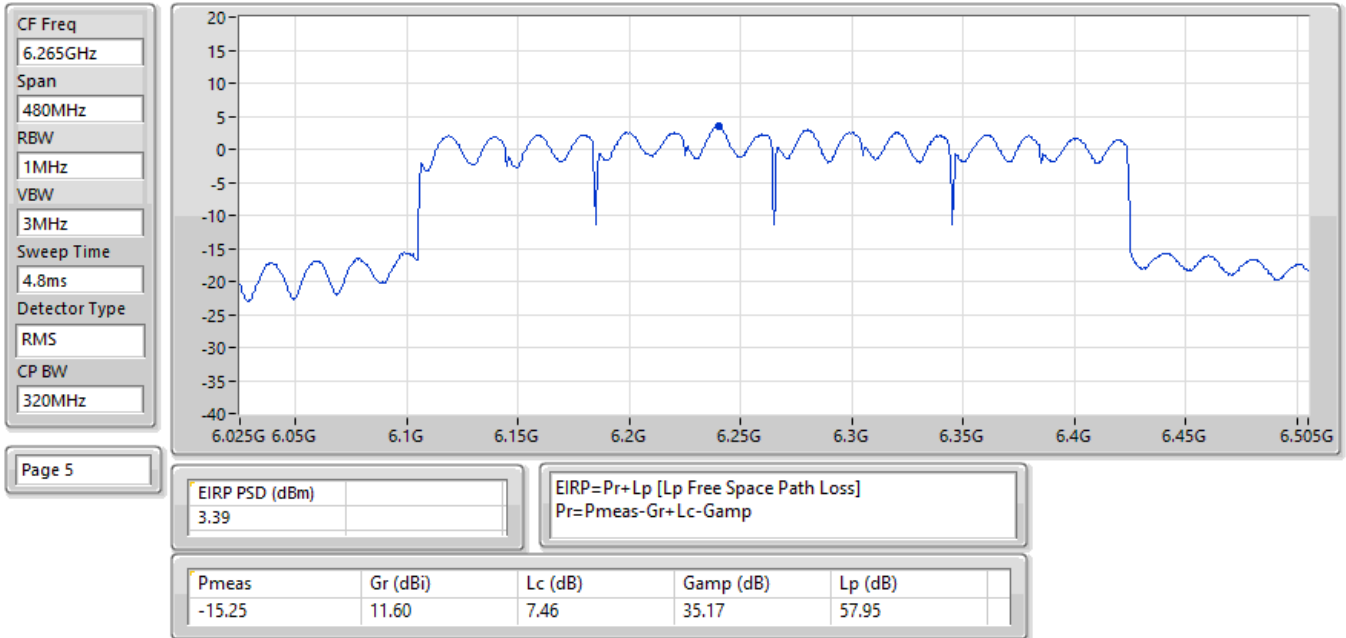
EIRP PSD;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:5985MHz;TX



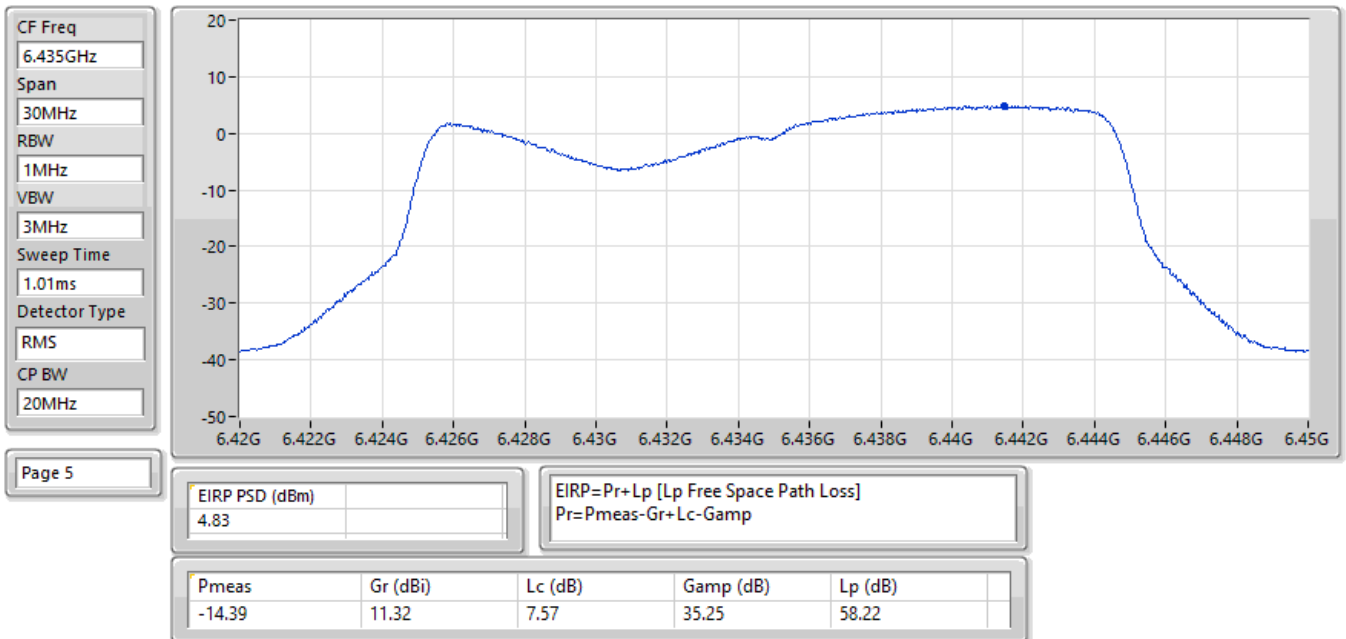
EIRP PSD;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6185MHz;TX



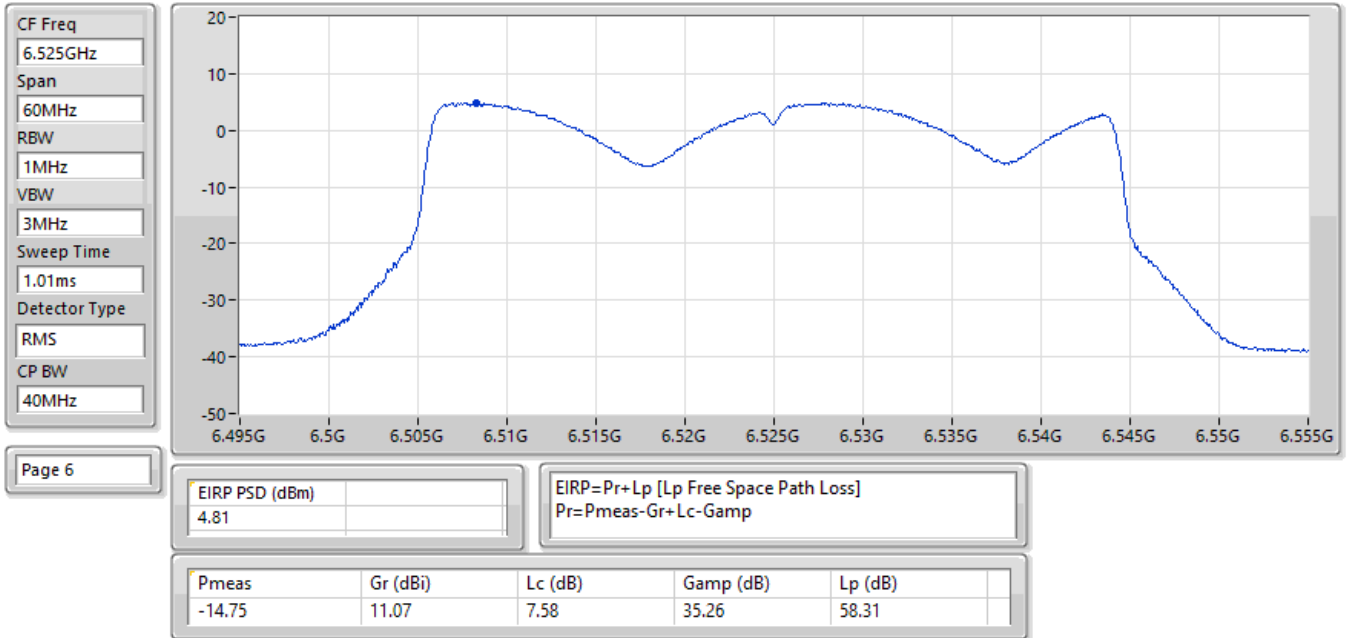
EIRP PSD;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6265MHz;TX



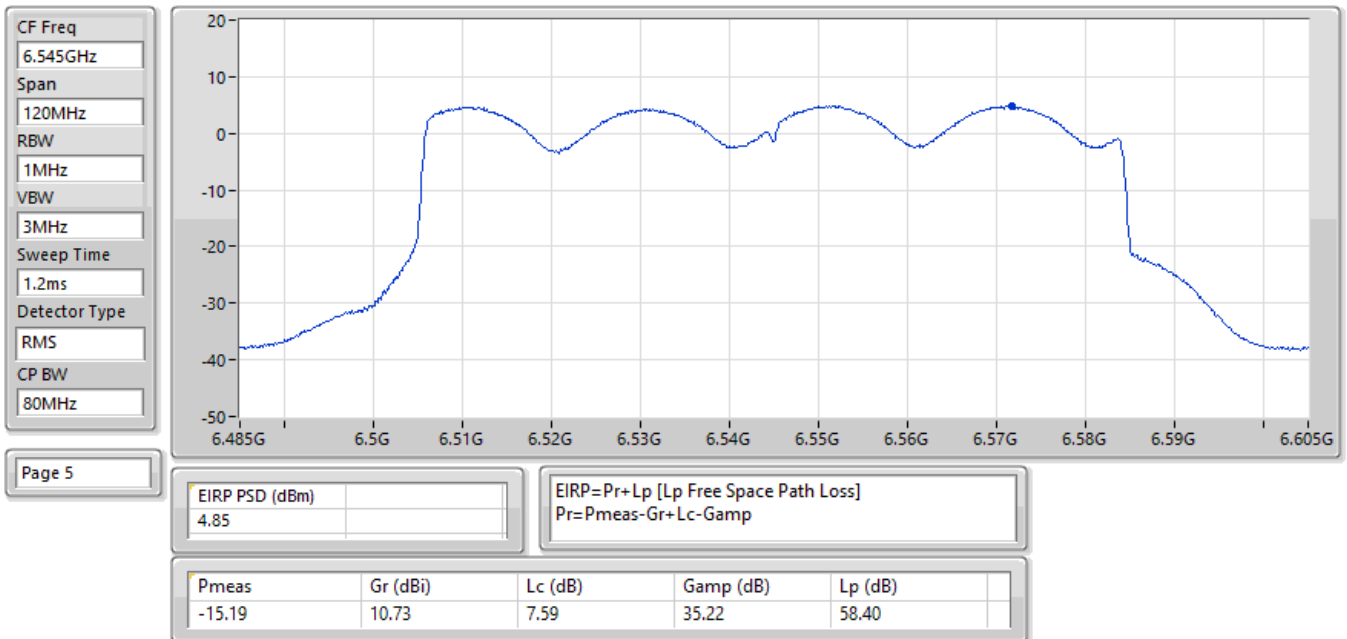
EIRP PSD;Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6435MHz;TX



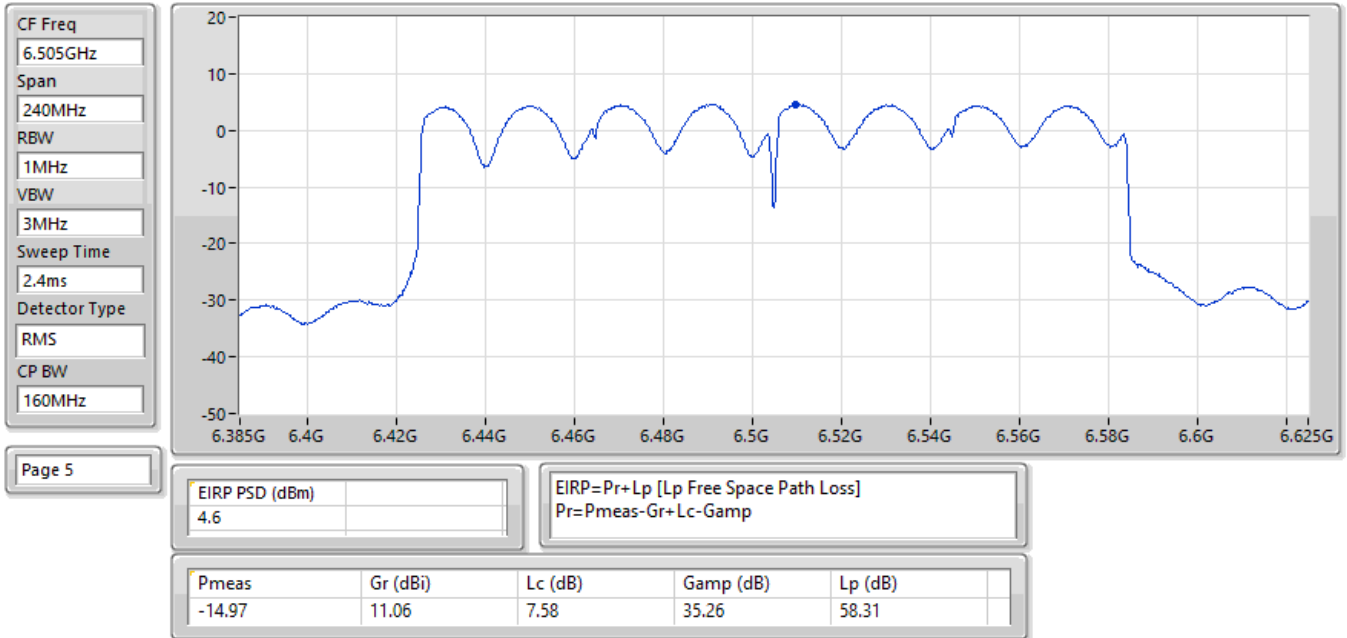
EIRP PSD;Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6525MHz;TX



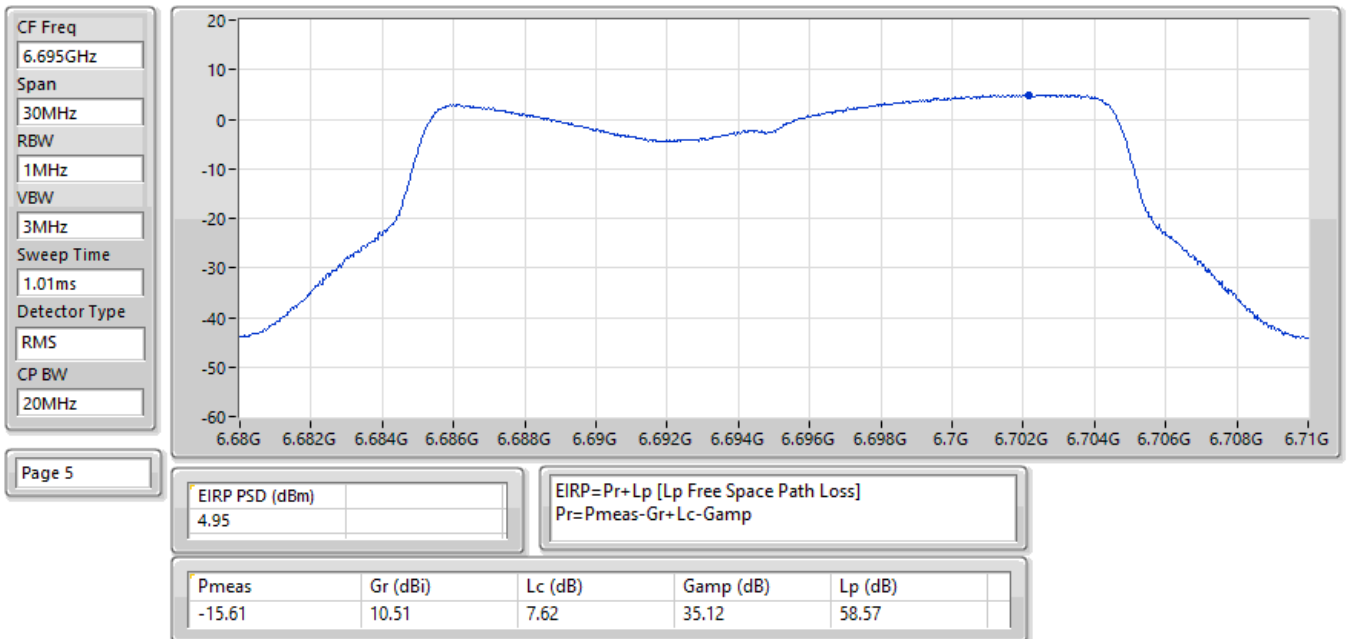
EIRP PSD;Band:6.4G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6545MHz;TX



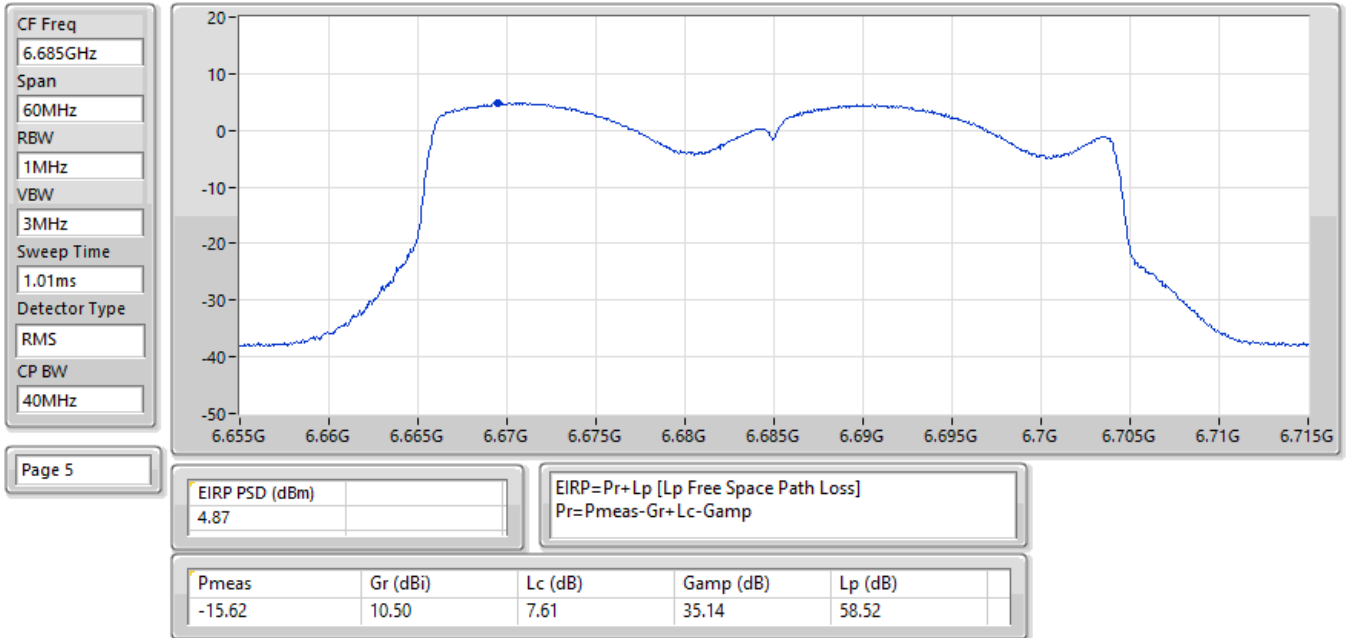
EIRP PSD;Band:6.4G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6505MHz;TX



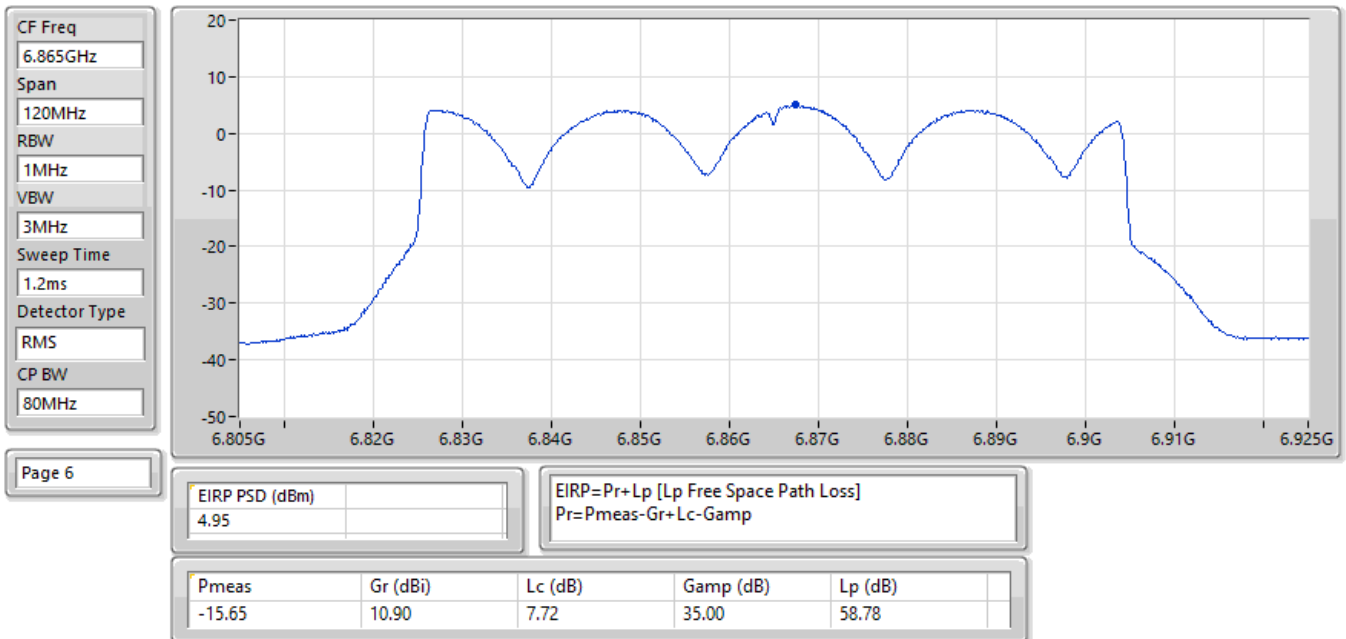
EIRP PSD;Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6695MHz;TX



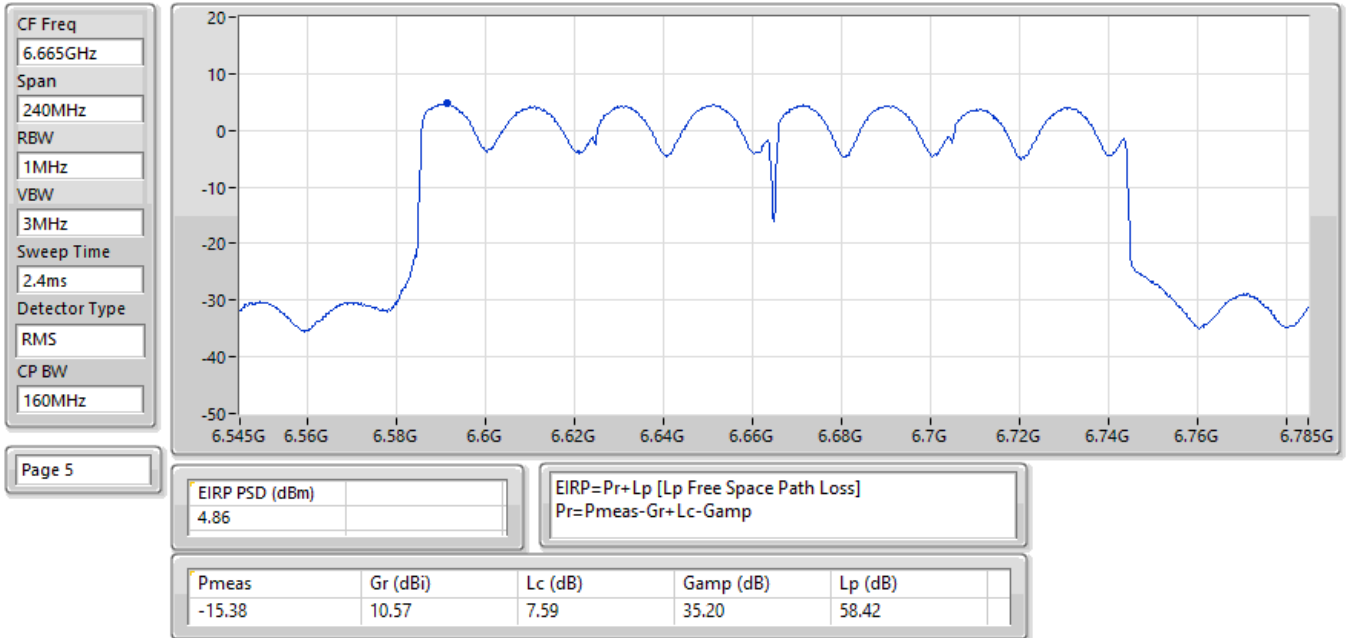
EIRP PSD;Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6685MHz;TX



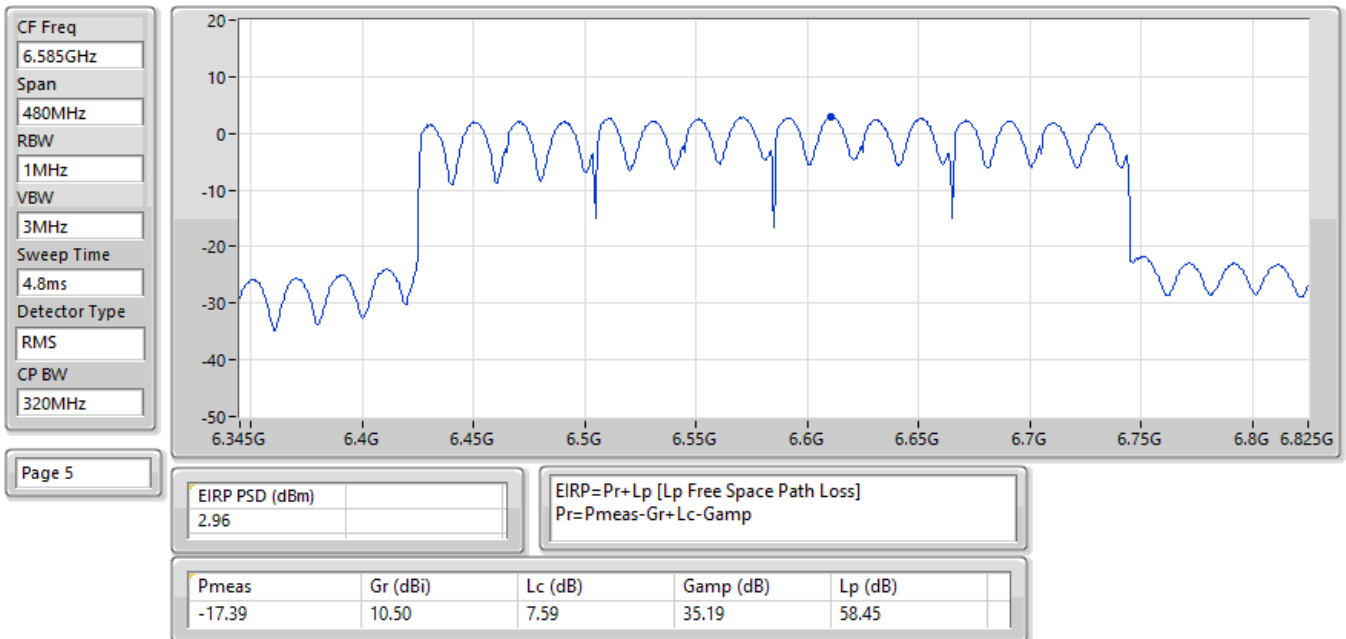
EIRP PSD;Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6865MHz;TX



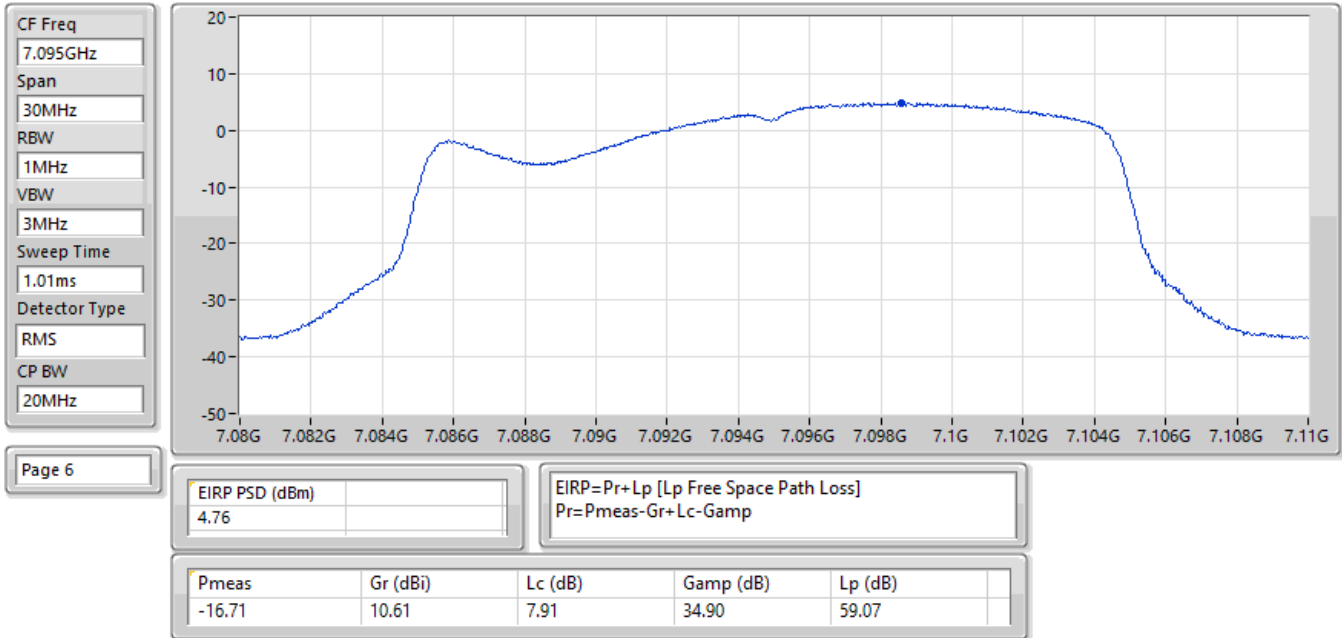
EIRP PSD;Band:6.7G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6665MHz;TX



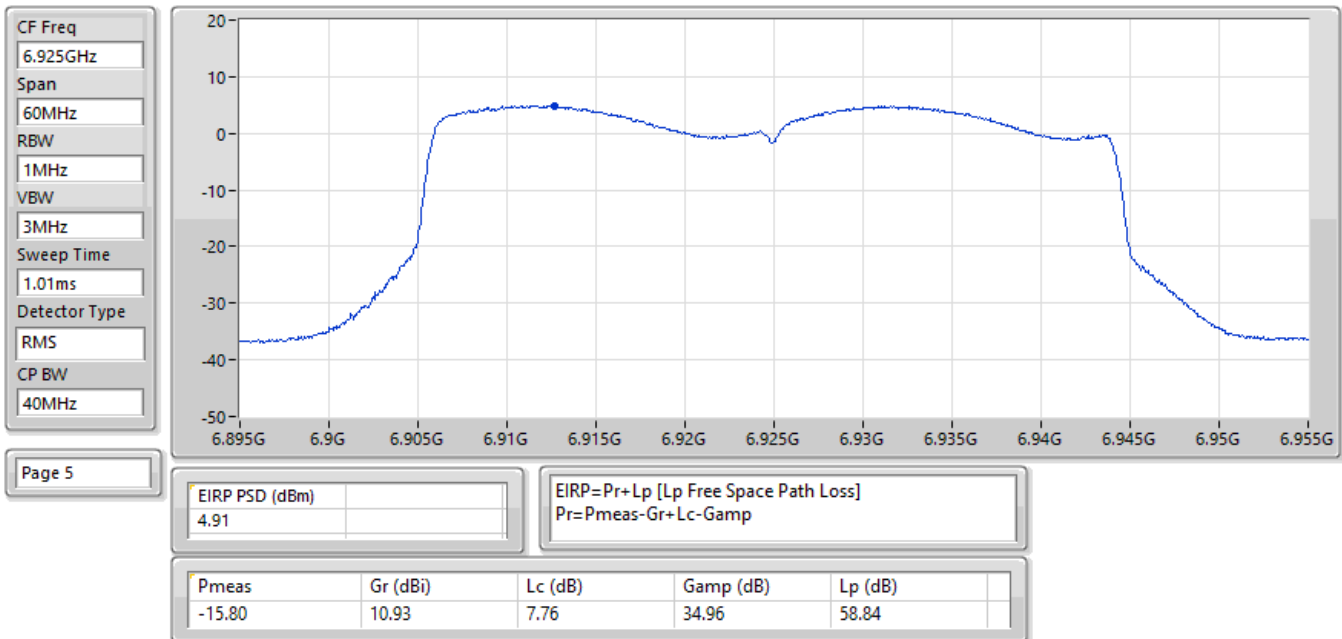
EIRP PSD;Band:6.7G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6585MHz;TX



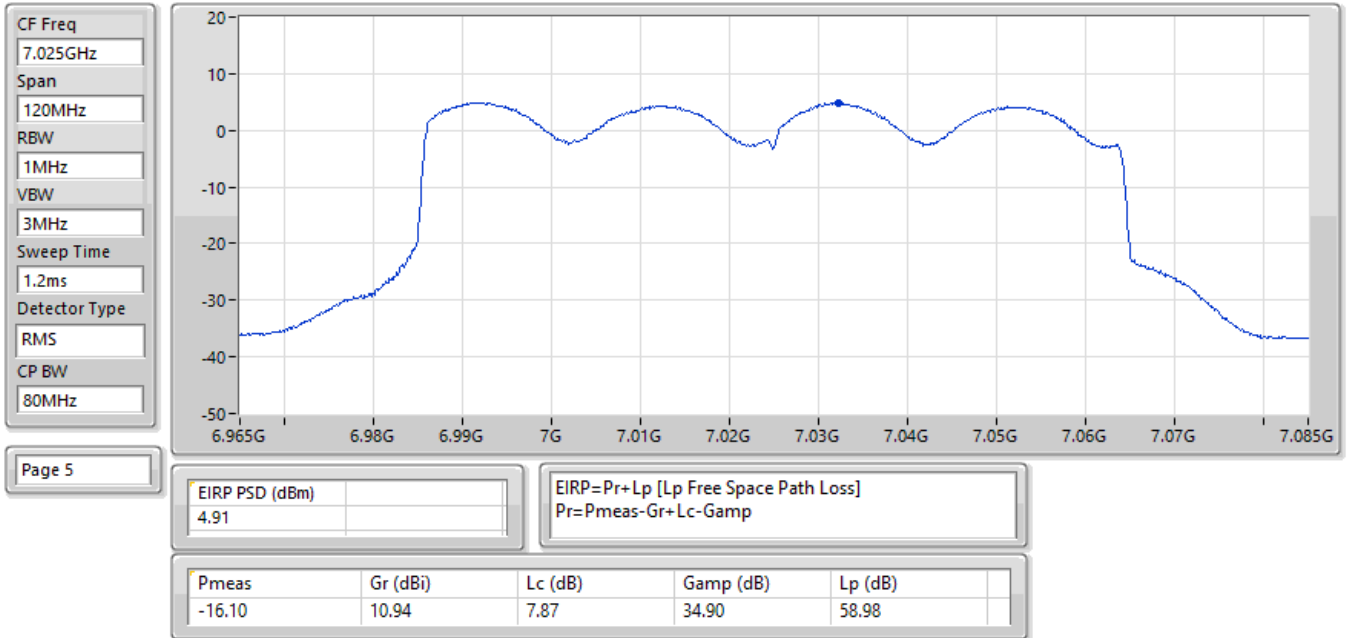
EIRP PSD;Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:7095MHz;TX



EIRP PSD;Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6925MHz;TX



EIRP PSD;Band:7.0G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:7025MHz;TX



EIRP PSD;Band:7.0G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6985MHz;TX

