



FCC RADIO TEST REPORT

FCC ID : UDX-600215010
Equipment : Cisco Wireless 9172H Series Wi-Fi 7 Access Point
Brand Name : CISCO
Model Name : CW9172H
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 Oct. 30, 2024, and testing was started from Nov. 23, 2024 and completed on Dec. 26, 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

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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-600215010

Page Number : 3 of 45
Issued Date : Feb. 25, 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: Barry Hsiao

Report Producer: Debby Hung



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_1T1S_Full RU

Band	Mode	BWch	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_1T1S_Multi-RU**

Band	Mode	BWch	Nant
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_2T1S_Full RU

Band	Mode	BWch	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

**Non-Beamforming_Radio 2_2T1S_Multi-RU**

Band	Mode	BWch	Nant
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

Band	Mode	BWch	Nant
5.925-6.425GHz	802.11be EHT20-BF	20	2TX
6.525-6.875GHz	802.11be EHT20-BF	20	2TX
5.925-6.425GHz	802.11be EHT40-BF	40	2TX
6.525-6.875GHz	802.11be EHT40-BF	40	2TX
5.925-6.425GHz	802.11be EHT80-BF	80	2TX
6.525-6.875GHz	802.11be EHT80-BF	80	2TX
5.925-6.425GHz	802.11be EHT160-BF	160	2TX
6.525-6.875GHz	802.11be EHT160-BF	160	2TX
5.925-6.425GHz	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/EHT320 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/EHT320.

1.1.2 MRU (static preamble puncturing)

RU-tone	MRU(static preamble puncturing)	Bandwidth(MHz)		6GHz Test CH	
		80		CH7	CH215
484+242	1	242	484	--	V
	2	242	484	V	V
	3	484	242	V	V
	4	484	242	V	--

RU-tone	MRU(static preamble puncturing)	Bandwidth(MHz)		6GHz Test CH	
		160		CH15	CH207
996+484	1	484	996	--	V
	2	484	996	V	V
	3	996	484	V	V
	4	996	484	V	--
996+484+242	1	242	484	996	--
	2	242	484	996	V
	3	484	242	996	V
	4	484	242	996	V
	5	996	242	484	V
	6	996	242	484	V
	7	996	484	242	V
	8	996	484	242	V

RU-tone	MRU(static preamble puncturing)	Bandwidth(MHz)		6GHz Test CH	
		320		CH31	CH191
2×996+484	1	484	996	996	--
	2	484	996	996	V
	3	996	484	996	V
	4	996	484	996	V
	5	996	996	484	V
	6	996	996	484	V
	7	484	996	996	--
	8	484	996	996	--
	9	996	484	996	--
	10	996	484	996	--
	11	996	996	484	--
	12	996	996	484	--
3×996	1	996	996	996	--
	2	996	996	996	V
	3	996	996	996	V
	4	996	996	996	V
3×996+484	1	484	996	996	--
	2	484	996	996	V
	3	996	484	996	V
	4	996	484	996	V
	5	996	996	484	V
	6	996	996	484	V
	7	996	996	484	V
	8	996	996	484	V

1.1.3 Worst case of MRU (static preamble puncturing) evaluation procedure

1. Complete test Full RU BE & PSD
2. Measure the PSD of each MRU(static preamble puncturing) by conducted method and it is less than the Full RU conducted PSD.
3. Measure the Band edge emission of each MRU(static preamble puncturing) by conducted method and find out the MRU(static preamble puncturing) worst case configuration
4. Follow step 3 to find the worst MRU(static preamble puncturing) configuration and perform radiated PSD testing
5. Follow step 3 to find the worst MRU(static preamble puncturing) configuration and perform radiated unwanted emission testing
6. Confirm whether the worst MRU(static preamble puncturing) configuration setting in steps 2 and step 4 is the same. If there is a channel where the setting drops due to the test in step 4, the PSD of MRU(static preamble puncturing) needs to be retested.
7. Use worst configuration of MRU(static preamble puncturing) and perform MASK measurements by conducted method .

1.1.4 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Sercomm	61720064WA	PIFA	I-Pex	2.4G	Radio1
					5G	Radio 2
2	Sercomm	61720065WA	PIFA	I-Pex	2.4G	Radio1
					5G	Radio 2
3	Sercomm	61720062WA	PIFA	I-Pex	6G	Radio 2
4	Sercomm	61720063WA	PIFA	I-Pex	6G	Radio 2
5	Sercomm	61720067WA	PIFA	I-Pex	2.4G/5G/6G	Radio 3
6	Sercomm	61720066WA	PIFA	I-Pex	BT	BT



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	2.68	4.35	5.91	5.86	5	-	-	-	-	-
2	2	2.04	3.5	3.74	5.92	4.6	-	-	-	-	-
3	1	-	-	-	-	-	5.04	4.33	4.45	4.49	-
4	2	-	-	-	-	-	2.88	2.88	3.11	2.92	-
5	1	1.05	4.02	4.78	3.61	2.68	3.33	2.51	1.64	1.01	-
6	1	-	-	-	-	-	-	-	-	-	4.57

Composite Gain (dBi)										
Ant.	Wi-Fi Mode	2.4G	5G				6G			
			Radio 2				Radio 2			
			UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
1-2	DG [1SS]	2.86	6.34	6.89	7.56	6.98	-	-	-	-
	DG [2SS]	2.68	4.35	5.91	5.92	5	-	-	-	-
3-4	DG [1SS]	-	-	-	-	-	5.27	5.41	6.31	6.38
	DG [2SS]	-	-	-	-	-	5.04	4.33	4.45	4.49

Note 1: The EUT has six 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 AP481514-01.

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 (1RX) (Radio 3)

Ant. 5 (port 1) could receive.

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 mode (1RX) (Radio 3)

Ant. 5 (port 1) could receive.

For BT function:

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

Ant. 6 (port 1) could transmit/receive.

For 6GHz function:

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

Ant. 3 (port 1) could transmit/receive.

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

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



For IEEE 802.11 ax mode (1RX) (Radio 3)
Ant. 5 (port 1) could receive.

1.1.5 EUT Information

Operational Condition			
EUT Power Type	From PoE		
EUT Function	☒	Indoor Access Point	☒ Subordinate
	☐	Indoor Client	☐ Standard Power Access Point
	☐	Dual Client	☐ Standard Client
	☐	Fixed Client	
Beamforming Function	☒	With beamforming	☐ Without beamforming
Resource Unit	☒	Full RU	☐ Partial RU
	☒	MRU(static preamble puncturing)	☐ MRU(dynamic preamble puncturing)
Channel Puncturing	☒	Support	☐ Not support
Software / Firmware Version for CBP		Cisco:Tue Nov 26 04:38:27 GMT 2024 Meraki:31-1-202411011903-G6c31c329dc28-rel-rubber	
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.

1.1.6 Mode Test Duty Cycle

Non-Beamforming_Radio 2_1T1S_Full RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss1,(MCS0)_1TX	0.998	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.998	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX	0.998	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_1TX	0.998	0.01	5.463m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_1T1S_Multi-RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242 CP 3_1TX	0.998	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT80_Nss 1,(M0),RU484+RU242 CP 4_1TX	0.998	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242 CP 6_1TX	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242 CP 7_1TX	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0),RU996+RU484 CP 2_1TX	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0),RU996+RU484 CP 4_1TX	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),3xRU996+RU484 CP 4_1TX	0.997	0.01	5.459m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),3xRU996+RU484 CP 5_1TX	0.997	0.01	5.459m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),3xRU996 CP 3_1TX	0.997	0.01	5.459m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),3xRU996 CP 4_1TX	0.997	0.01	5.459m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),2xRU996+RU484 CP 6_1TX	0.997	0.01	5.459m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),2xRU996+RU484 CP 10_1TX	0.997	0.01	5.459m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_2T1S_Full RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss1,(MCS0)_2TX	0.998	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.998	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.998	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_2TX	0.998	0.01	5.463m	10Hz (DC>=0.98)

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

**Non-Beamforming_Radio 2_2T1S_Multi-RU**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242 CP 1_2TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT80_Nss 1,(M0),RU484+RU242 CP 2_2TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242 CP 3_2TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242 CP 8_2TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0),RU996+RU484 CP 3_2TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),3xRU996+RU484 CP 2_2TX	0.998	0.01	5.458m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),3xRU996+RU484 CP 3_2TX	0.997	0.01	5.458m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),3xRU996 CP 3_2TX	0.997	0.01	5.458m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),3xRU996 CP 4_2TX	0.997	0.01	5.458m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),2xRU996+RU484 CP 3_2TX	0.997	0.01	5.458m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),2xRU996+RU484 CP 10_2TX	0.998	0.01	5.458m	10Hz (DC>=0.98)

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

Beamforming

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.898	0.47	2.959m	500
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.906	0.43	3.676m	300
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.916	0.38	3.858m	300
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.914	0.39	3.858m	300
802.11be EHT320-BF_Nss1,(MCS0)_2TX	0.921	0.36	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	Lego Lin	22.1~23.6°C / 53~58%	06/Dec/2024
Radiated (Below 1GHz)	03CH03-HY	Daniel Lin	21.4~22.9°C / 52~56%	06/Dec/2024
Radiated (Co-location)	03CH02-HY	Daniel Lin	19.8~21.2°C / 51~54%	05/Dec/2024
Contention-Based Protocol (Cisco)	DFS01-HY	Wayne Lin	20.4~21.3°C / 56~60%	26/Dec/2024
Contention-Based Protocol (Meraki)	DFS01-HY	Wayne Lin	20.1~22.8°C / 59~62%	18/Dec/2024~19/Dec/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	Peng Huang	23.6~24.1°C / 53~56%	11/Dec/2024~23/Dec/2024
Radiated (Non-Beamforming) (Full-RU)	03CH24-HY	Jack Tang	20.1~21.8°C / 51~54%	23/Nov/2024~19/Dec/2024
Radiated (Non-Beamforming) (Multi-RU)	03CH24-HY	Jack Tang	18.1~19.2°C / 51~56%	21/Dec/2024~24/Dec/2024
Radiated (Beamforming)	03CH24-HY	Jack Tang	21.3~22.2°C / 54~58%	05/Dec/2024~20/Dec/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

Test Software Version	qdart_conn.win.1.0_installer_00099.1
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Non-Beamforming_Radio 2_1T1S_Full RU

Mode	Power Setting
802.11be EHT20_Nss1,(MCS0)_1TX	-
5955MHz	17
6195MHz	18.5
6415MHz	17.5
6435MHz	18
6475MHz	17
6515MHz	17
6535MHz	17
6695MHz	16.5
6875MHz	16
6895MHz	16
6995MHz	16.5
7095MHz	17
7115MHz	9
802.11be EHT40_Nss1,(MCS0)_1TX	-
5965MHz	19
6205MHz	21.5
6405MHz	21
6445MHz	20.5
6485MHz	20
6525MHz	20
6565MHz	20.5
6685MHz	19.5
6885MHz	19
6925MHz	19.5
7005MHz	19.5
7085MHz	18.5
802.11be EHT80_Nss1,(MCS0)_1TX	-
5985MHz	22
6225MHz	22
6385MHz	22
6465MHz	22
6545MHz	22
6625MHz	22



6705MHz	22
6785MHz	21.5
6865MHz	21.5
6945MHz	22
7025MHz	21.5
802.11be EHT160_Nss1,(MCS0)_1TX	-
6025MHz	22
6185MHz	22
6345MHz	22
6505MHz	22
6665MHz	22
6825MHz	22
6985MHz	22
802.11be EHT320_Nss1,(MCS0)_1TX	-
6105MHz	22
6265MHz	22
6425MHz	22
6585MHz	22
6745MHz	21.5
6905MHz	20.5

**Non-Beamforming_Radio 2_1T1S_Multi-RU**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	-
5985MHz	20.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-
7025MHz	19.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX	-
6025MHz	21
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX	-
6025MHz	20.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_1TX	-
6985MHz	21
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX	-
6985MHz	20
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 2_1TX	-
6105MHz	21.5
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 4_1TX	-
6105MHz	21
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 6_1TX	-
6105MHz	20
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 3_1TX	-
6905MHz	19
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_1TX	-
6905MHz	19
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 10_1TX	-
6905MHz	18

**Non-Beamforming_Radio 2_2T1S_Full RU**

Mode	Power Setting
802.11be EHT20_Nss1,(MCS0)_2TX	-
5955MHz	12
6195MHz	13
6415MHz	12
6435MHz	12
6475MHz	12.5
6515MHz	12
6535MHz	12.5
6695MHz	11
6875MHz	10.5
6895MHz	10.5
6995MHz	11
7095MHz	10.5
7115MHz	6
802.11be EHT40_Nss1,(MCS0)_2TX	-
5965MHz	14.5
6205MHz	16.5
6405MHz	15
6445MHz	14.5
6485MHz	15.5
6525MHz	15
6565MHz	15
6685MHz	14.5
6885MHz	14
6925MHz	14
7005MHz	14
7085MHz	13.5
802.11be EHT80_Nss1,(MCS0)_2TX	-
5985MHz	17
6225MHz	19.5
6385MHz	18.5
6465MHz	18.5
6545MHz	18.5
6625MHz	18
6705MHz	18
6785MHz	17
6865MHz	17
6945MHz	17
7025MHz	17
802.11be EHT160_Nss1,(MCS0)_2TX	-
6025MHz	20



6185MHz	22
6345MHz	21.5
6505MHz	21
6665MHz	20.5
6825MHz	19.5
6985MHz	19.5
802.11be EHT320_Nss1,(MCS0)_2TX	-
6105MHz	22
6265MHz	22
6425MHz	22
6585MHz	22
6745MHz	21.5
6905MHz	20.5

Non-Beamforming_Radio 2_2T1S_Multi-RU

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-
5985MHz	14.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-
7025MHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX	-
6025MHz	19
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-
6025MHz	18
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX	-
6985MHz	18.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-
6985MHz	17.5
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 2_2TX	-
6105MHz	21.5
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 4_2TX	-
6105MHz	20.5
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 3_2TX	-
6105MHz	19.5
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 3_2TX	-
6905MHz	19.5
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_2TX	-
6905MHz	19
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 10_2TX	-
6905MHz	18.5

**Beamforming**

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5955MHz	16
6195MHz	15
6415MHz	15
6435MHz	15
6475MHz	15
6515MHz	13
6535MHz	11
6695MHz	12
6875MHz	12
6895MHz	12
6995MHz	11
7095MHz	11
7115MHz	11
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5965MHz	17
6205MHz	16
6405MHz	18
6445MHz	17
6485MHz	16
6525MHz	16
6565MHz	15
6685MHz	15
6885MHz	15
6925MHz	15
7005MHz	14
7085MHz	14
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5985MHz	19
6225MHz	21
6385MHz	21
6465MHz	20
6545MHz	19
6625MHz	19
6705MHz	19
6785MHz	17
6865MHz	19
6945MHz	17
7025MHz	18
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
6025MHz	21



6185MHz	22
6345MHz	22
6505MHz	20
6665MHz	20
6825MHz	20
6985MHz	21
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-
6105MHz	21
6265MHz	21
6425MHz	22
6585MHz	21
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
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		
1	PoE Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT		V	

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



2.3 Accessories

Accessories				
Bracket wall mount	Brand Name	Cisco	Model Name	CW-MNT-H1
RJ45 Cable (main source)	Brand Name	TUNG-LI	Model Name	5U422WC880L0B/D065MM-1
	Category	Cat5e	In/Out door	Indoor
	Signal Line	0.05meter,non-shielded cable		
RJ45 Cable (2nd source)	Brand Name	NIEN-YI	Model Name	NYS6142
	Category	Cat5e	In/Out door	Indoor
	Signal Line	0.05meter,non-shielded cable		

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	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	AC power cable	Power sync	PW-GPC180-3	-	-
3	PoE	PHIHONG	POE60U-BTA(X664-R)	-	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	-	-

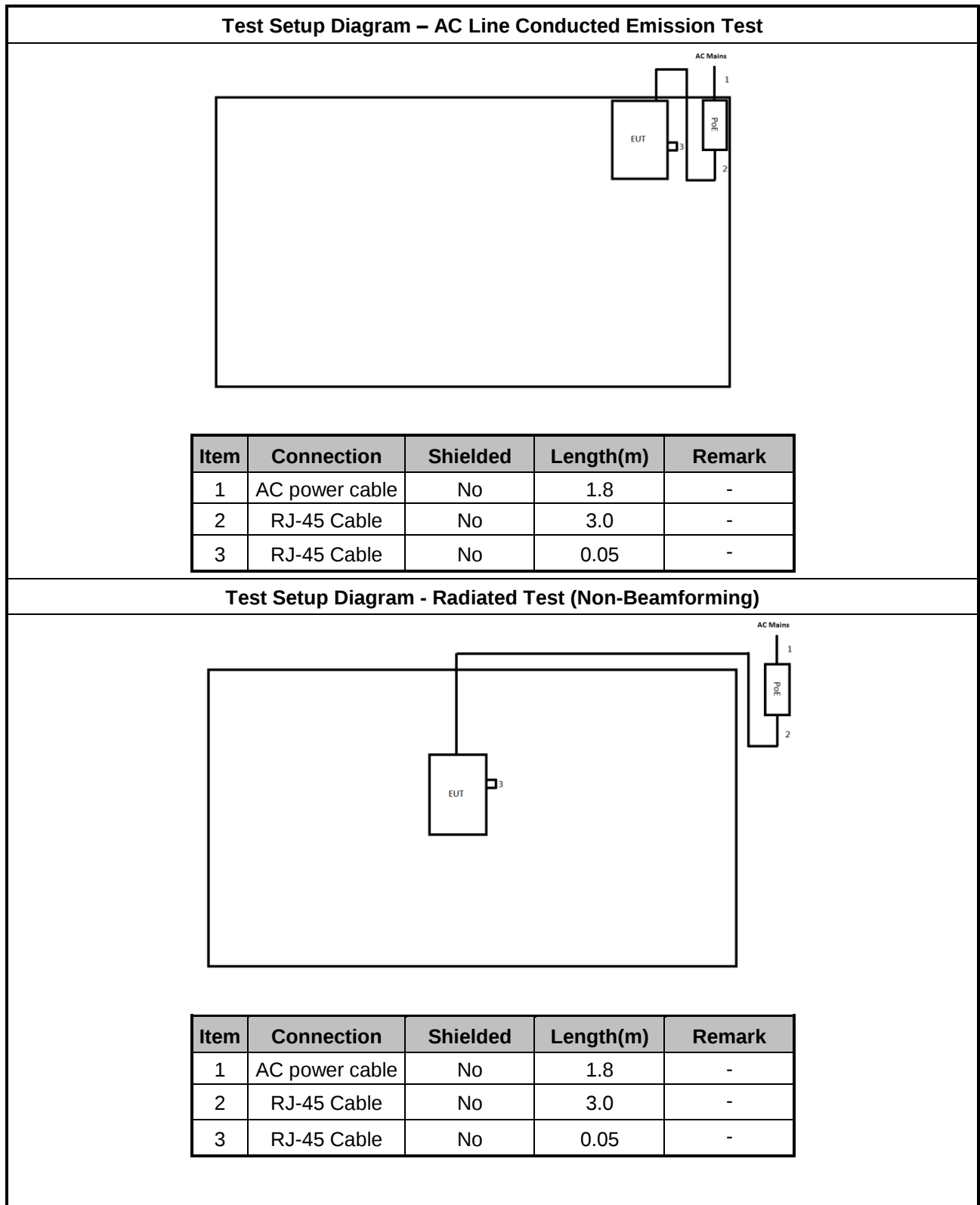
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	Provided by Customer
2	AC power cable*2	Power sync	PW-GPC180-3	-	Remote
3	PoE	PHIHONG	POE60U-BTA(X664-R)	-	Remote

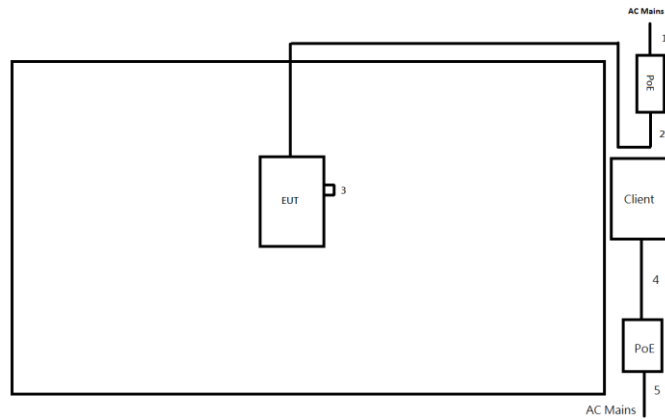


Support Equipment – Contention Based Protocol (For Cisco)					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	HP	DESKYOP-0507P70	-	-
2	Notebook	DELL	Latitude E5550	-	-
3	PoE	PHIHONG	POE60U-BTA(X664-R)	-	Provided by Customer
4	PoE	Microsemi	PD-90001GR	-	-
5	Client(Slave)	CISCO	CW9172H	-	-

Support Equipment – Contention Based Protocol (For Meraki)					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Client(Slave)	HP	HSTNN-142C	-	-
2	Notebook	DELL	Latitude E5550	-	-
3	PoE	DELTA	ADH-65AR B(CA)	-	Provided by Customer
4	Hub	D-Link	DES-1024+	-	-

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test (Beamforming)


Item	Connection	Shielded	Length(m)	Remark
1	AC power cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-
3	RJ-45 Cable	No	0.05	-
4	RJ-45 Cable	No	1.0	-
5	AC Power cable	No	1.8	-



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

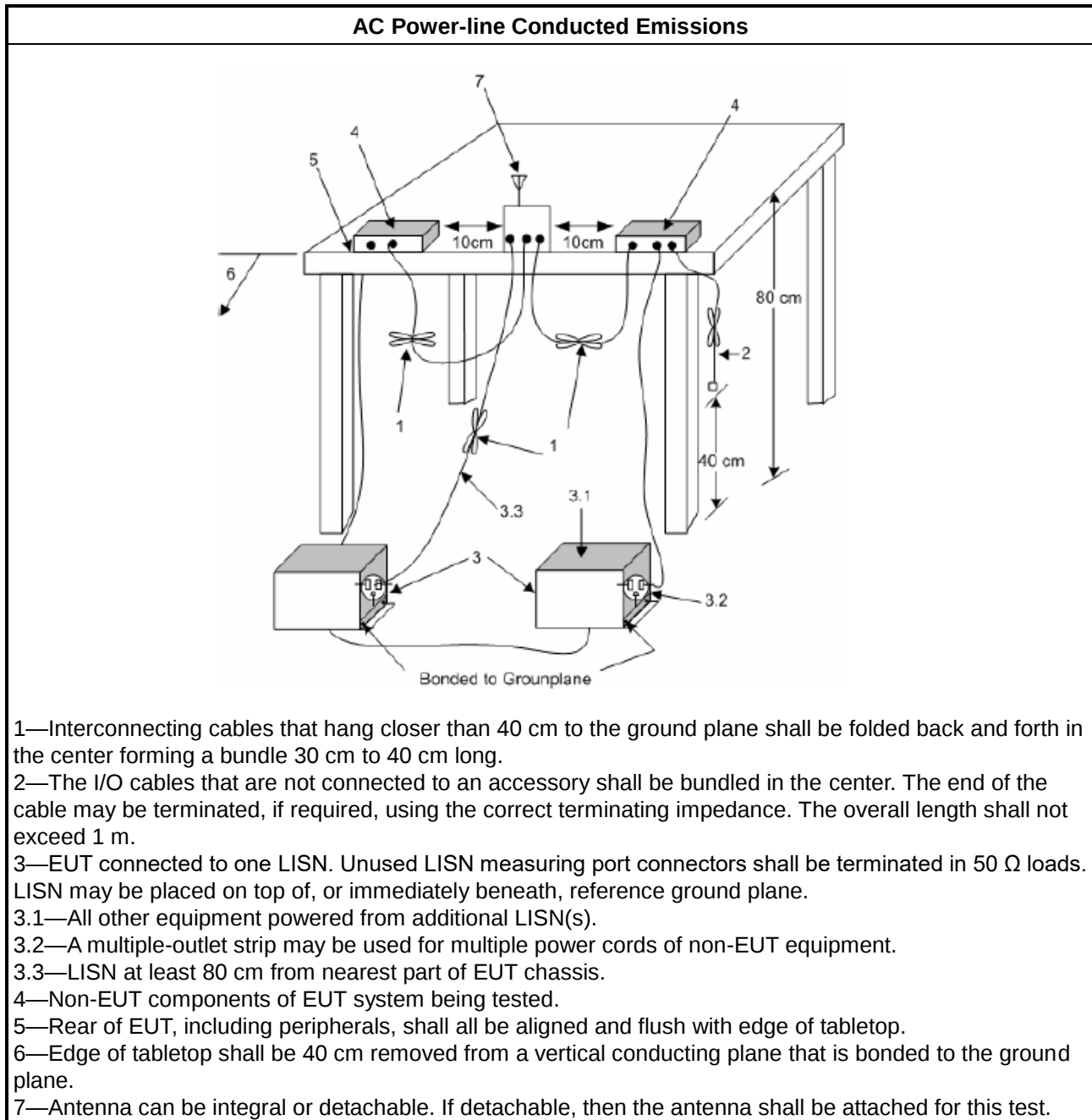
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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

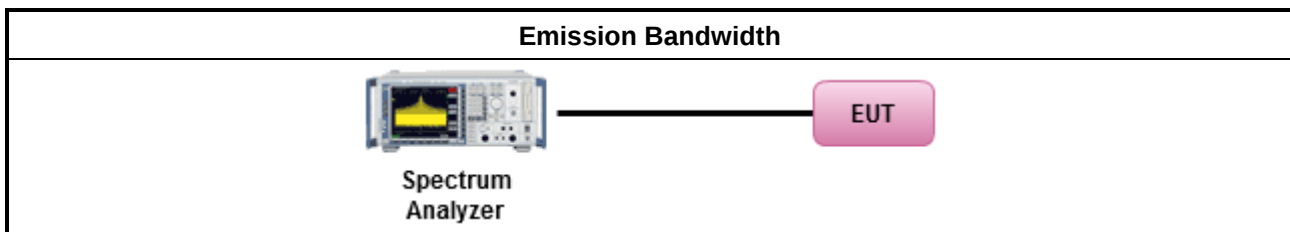
3.2.2 Measuring Instruments

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.



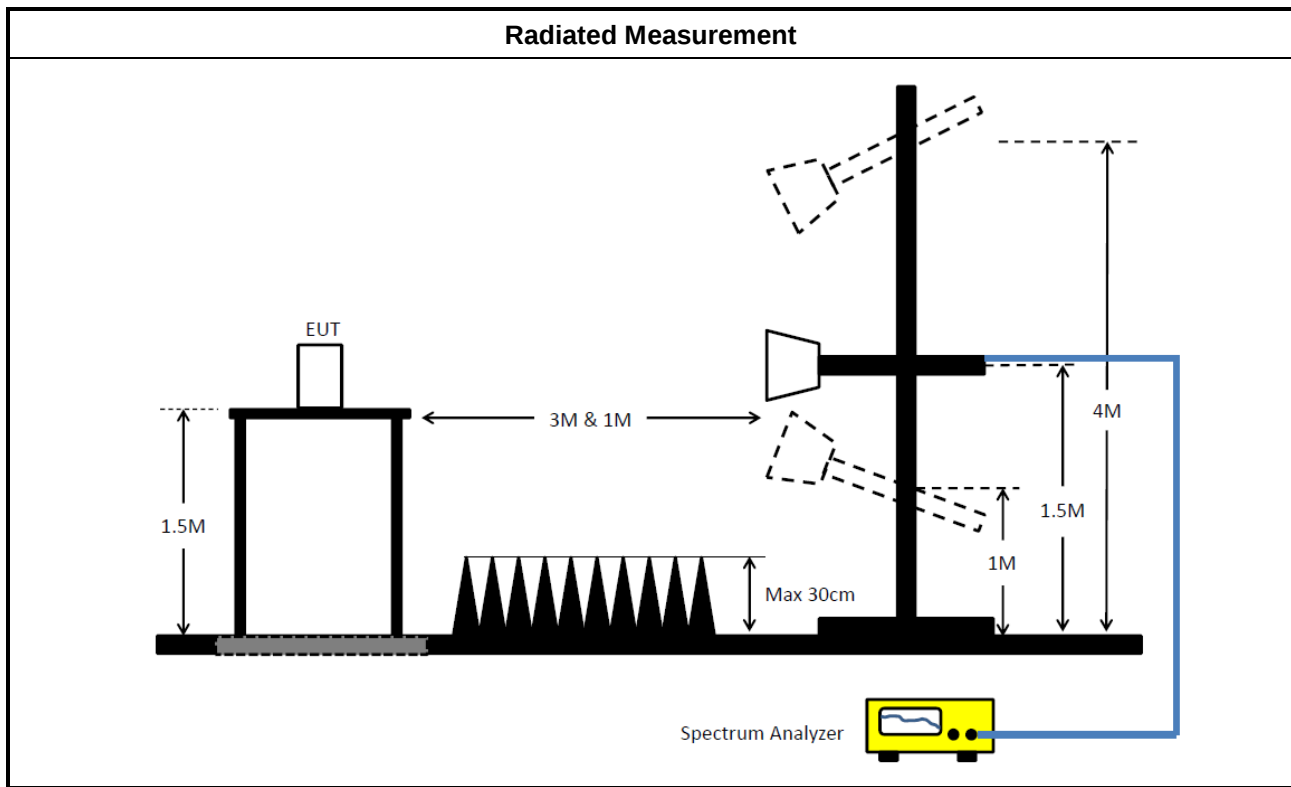
3.3.2 Measuring Instruments

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: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☒ For radiated measurement.	
	▪ Refer as 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.

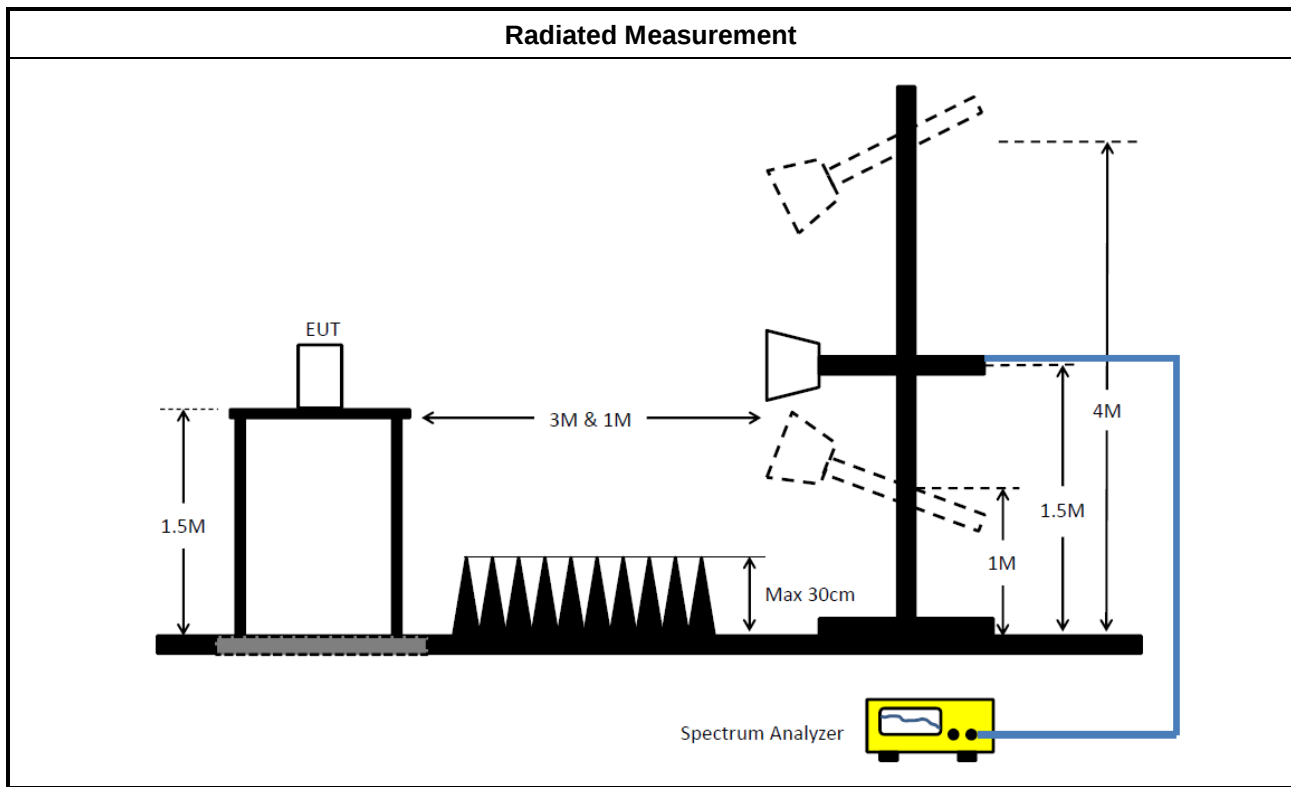
3.4.2 Measuring Instruments

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

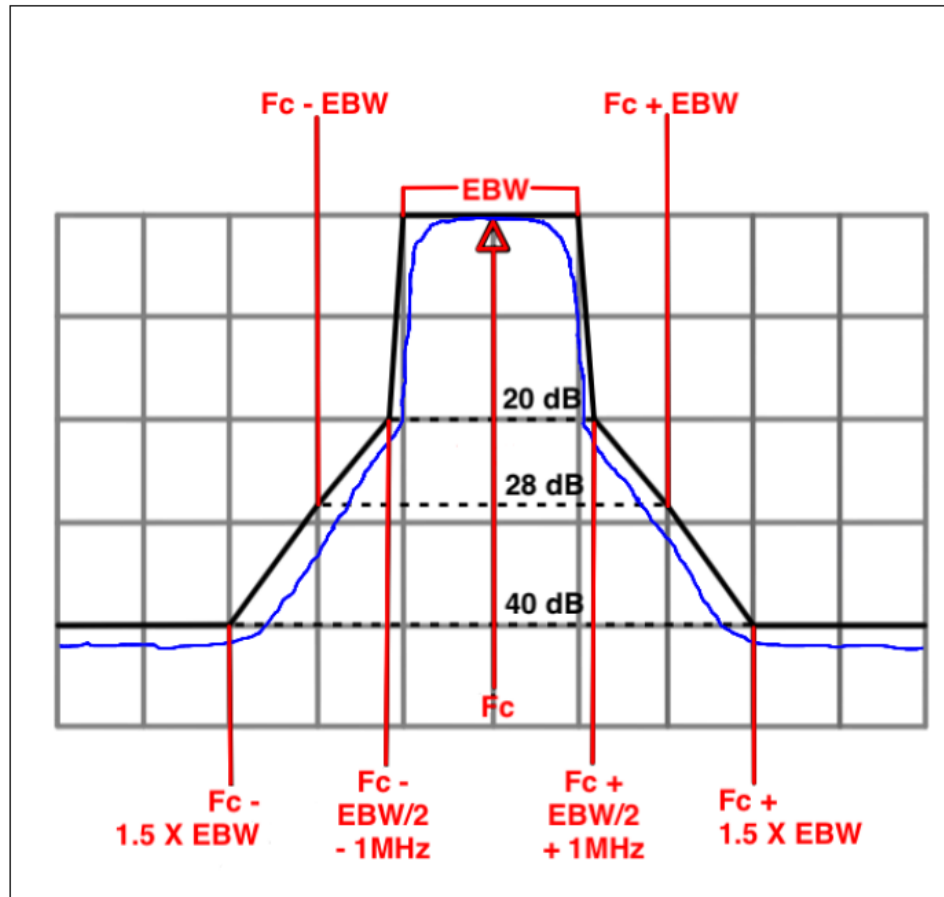
Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance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

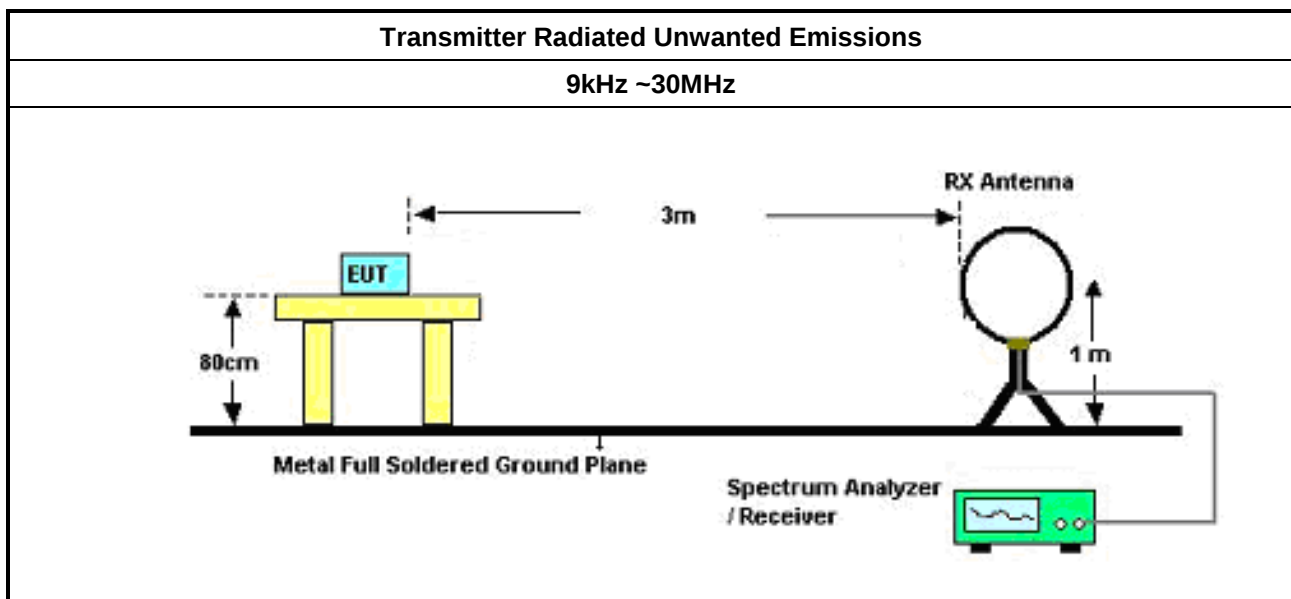
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber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

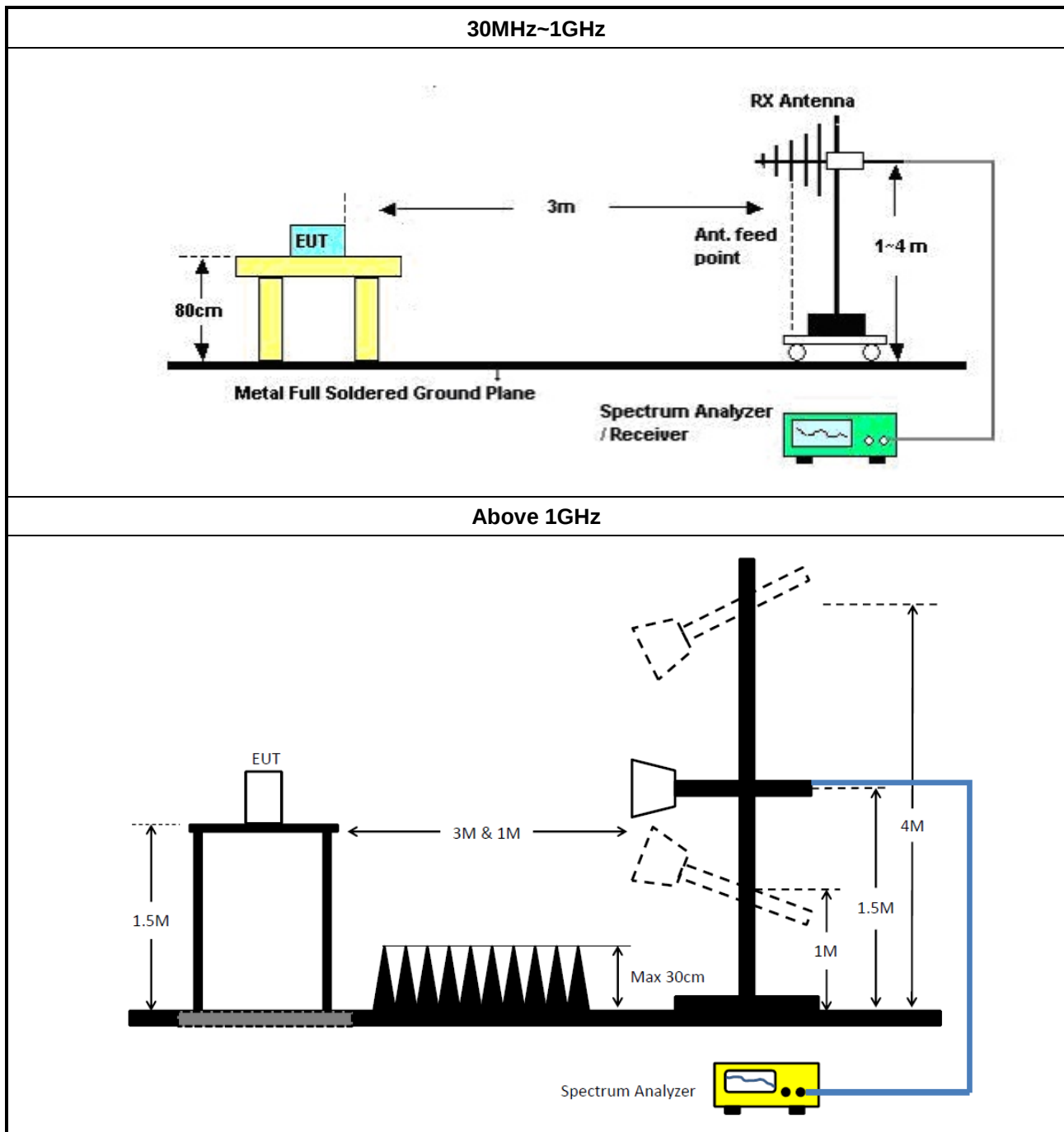
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Contention Based Protocol

3.6.1 Contention Based Protocol Limit

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

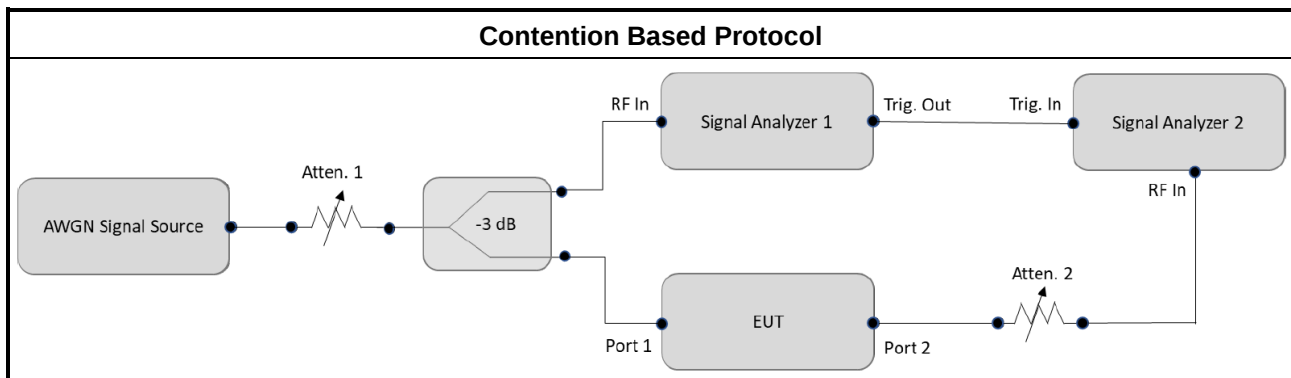
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method	
■	For Contention Based Protocol shall be measured using following options below:
☒	Refer as KDB 987594 D02, I) Contention Based Protocol.

3.6.4 Test Setup



3.6.5 Test Result of Contention Based Protocol

Refer as Appendix F



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	28/Oct/2024	27/Oct/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
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	V5.11.22	N/A	N/A	N/A	N/A

Instrument for Radiated Test Below 1GHz (03CH03-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	14/Jul/2024	13/Jul/2025
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	17/May/2024	16/May/2025
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	01/Nov/2024	31/Oct/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	14/Oct/2024	13/Oct/2025
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	12/Jun/2024	11/Jun/2025
RF Cable-R03m	Jye Bao	RG142	03CH03-cable-02	30MHz~1GHz	12/Jun/2024	11/Jun/2025
Amplifier	Aglient	8447D	2944A08033	100kHz~1.3GHz	13/Sep/2024	12/Sep/2025
SENSE-15247_DTS	Sporton	V5.11.19	N/A	N/A	N/A	N/A

**Instrument for Radiated Test_Above 1GHz_Full RU (03CH24-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	30/Jul/2024	29/Jul/2025
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101345	10Hz~44GHz	27/Aug/2024	26/Aug/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	15/Aug/2024	14/Aug/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	05/Jun/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	03CH24-cable-01	9kHz~40GHz	01/Oct/2024	30/Sep/2025
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	12/Aug/2024	11/Aug/2025
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	19/Apr/2024	18/Apr/2025
SENSE-15407-NII	Sporton	V5.11.20	NA	NA	NA	NA

Instrument for Radiated Test_Above 1GHz_Multi-RU&Beamforming (03CH24-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	30/Jul/2024	29/Jul/2025
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101345	10Hz~44GHz	27/Aug/2024	26/Aug/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	15/Aug/2024	14/Aug/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	03CH24-CABLE-01	1GHz~40GHz	01/Oct/2024	30/Sep/2025
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	12/Aug/2024	11/Aug/2025
Amplifier	EM	EM18G40GA	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
Site V.S.W.R	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3M	14/Jul/2024	13/Jul/2025
Signal Analyzer	R&S	FSP 40	100593	9kHz~40GHz	11/Mar/2024	10/Mar/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2024	22/Sep/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
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	01/Oct/2024	30/Sep/2025
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~40GHz	19/Apr/2024	18/Apr/2025
SENSE-EMI	Sporton	V5.11.9	NA	NA	NA	NA

Instrument for Contention-Based Protocol Test (For Cisco)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Vector Signal Generator	Keysight	N5182B	MY53051912	9kHz~6GHz	29/Feb/2024	28/Feb/2025
Signal Generator	Keysight	N5171B	MY53051240	9kHz~6GHz	27/Nov/2024	26/Nov/2025
Spectrum Analyzer	R&S	FSU	100203	9kHz ~ 26GHz	14/May/2024	13/May/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
Vector Signal Generator	Keysight	N5182B	MY53051912	9kHz~6GHz	29/Feb/2024	28/Feb/2025
Signal Generator	Keysight	N5171B	MY53051240	9kHz~6GHz	27/Nov/2024	26/Nov/2025
Spectrum Analyzer	R&S	FSU	100203	9kHz ~ 26GHz	14/May/2024	13/May/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

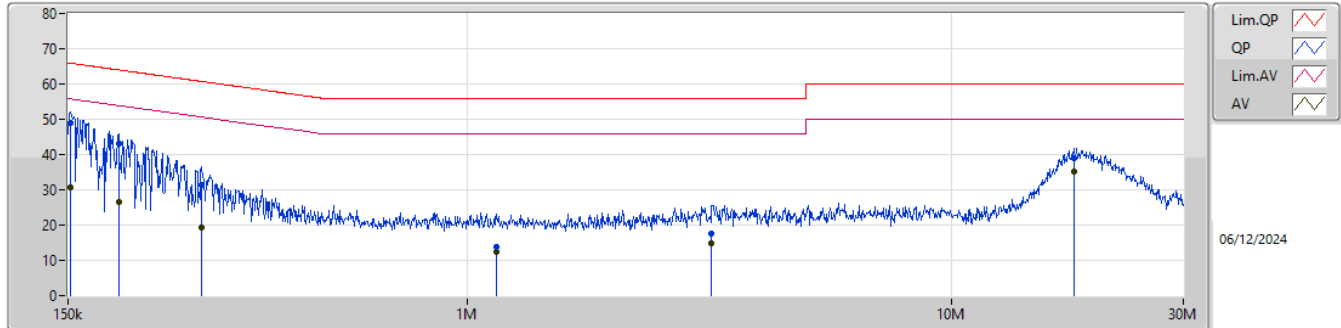
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	17.838M	35.04	50.00	-14.96	Line

**Result**

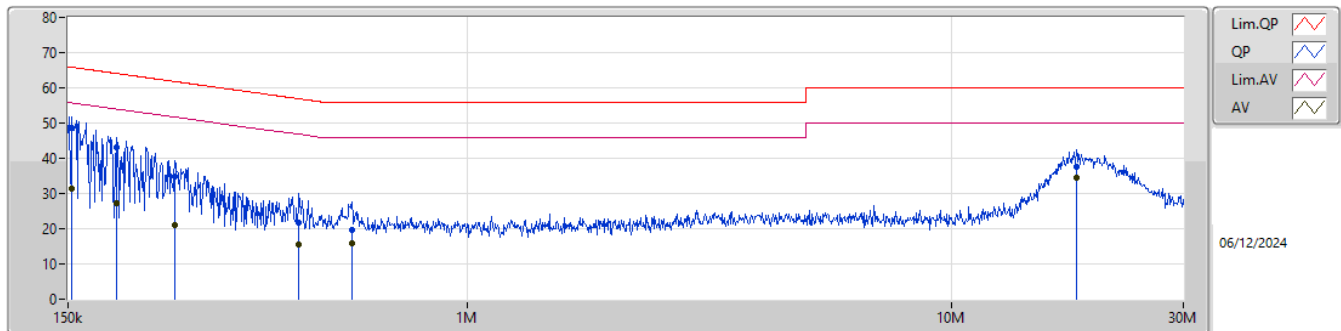
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	151.807k	48.91	65.90	-16.99	Line
Mode 1	Pass	AV	151.807k	30.83	55.90	-25.07	Line
Mode 1	Pass	QP	190.596k	43.03	64.01	-20.98	Line
Mode 1	Pass	AV	190.596k	26.48	54.01	-27.53	Line
Mode 1	Pass	QP	282.977k	31.52	60.72	-29.20	Line
Mode 1	Pass	AV	282.977k	19.27	50.72	-31.45	Line
Mode 1	Pass	QP	1.149M	13.69	56.00	-42.31	Line
Mode 1	Pass	AV	1.149M	12.43	46.00	-33.57	Line
Mode 1	Pass	QP	3.192M	17.56	56.00	-38.44	Line
Mode 1	Pass	AV	3.192M	14.76	46.00	-31.24	Line
Mode 1	Pass	QP	17.838M	38.87	60.00	-21.13	Line
Mode 1	Pass	AV	17.838M	35.04	50.00	-14.96	Line
Mode 1	Pass	QP	152.414k	48.78	65.87	-17.09	Neutral
Mode 1	Pass	AV	152.414k	31.48	55.87	-24.39	Neutral
Mode 1	Pass	QP	189.08k	43.14	64.07	-20.93	Neutral
Mode 1	Pass	AV	189.08k	27.07	54.07	-27.00	Neutral
Mode 1	Pass	QP	249.042k	34.71	61.79	-27.08	Neutral
Mode 1	Pass	AV	249.042k	20.95	51.79	-30.84	Neutral
Mode 1	Pass	QP	449.637k	21.69	56.88	-35.19	Neutral
Mode 1	Pass	AV	449.637k	15.53	46.88	-31.35	Neutral
Mode 1	Pass	QP	578.211k	19.81	56.00	-36.19	Neutral
Mode 1	Pass	AV	578.211k	15.91	46.00	-30.09	Neutral
Mode 1	Pass	QP	18.053M	37.64	60.00	-22.36	Neutral
Mode 1	Pass	AV	18.053M	34.53	50.00	-15.47	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	151.807k	48.91	65.90	-16.99	19.70	Line	-	29.21	9.66	0.07	9.97						
AV	151.807k	30.83	55.90	-25.07	19.70	Line	-	11.13	9.66	0.07	9.97						
QP	190.596k	43.03	64.01	-20.98	19.71	Line	-	23.32	9.65	0.09	9.97						
AV	190.596k	26.48	54.01	-27.53	19.71	Line	-	6.77	9.65	0.09	9.97						
QP	282.977k	31.52	60.72	-29.20	19.74	Line	-	11.78	9.65	0.11	9.98						
AV	282.977k	19.27	50.72	-31.45	19.74	Line	-	-0.47	9.65	0.11	9.98						
QP	1.149M	13.69	56.00	-42.31	19.73	Line	-	-6.04	9.66	0.09	9.98						
AV	1.149M	12.43	46.00	-33.57	19.73	Line	-	-7.30	9.66	0.09	9.98						
QP	3.192M	17.56	56.00	-38.44	19.74	Line	-	-2.18	9.68	0.08	9.98						
AV	3.192M	14.76	46.00	-31.24	19.74	Line	-	-4.98	9.68	0.08	9.98						
QP	17.838M	38.87	60.00	-21.13	19.77	Line	-	19.10	9.68	0.11	9.98						
AV	17.838M	35.04	50.00	-14.96	19.77	Line	-	15.27	9.68	0.11	9.98						

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	48.78	65.87	-17.09	19.64	Neutral	-	29.14	9.60	0.07	9.97						
AV	152.414k	31.48	55.87	-24.39	19.64	Neutral	-	11.84	9.60	0.07	9.97						
QP	189.08k	43.14	64.07	-20.93	19.66	Neutral	-	23.48	9.60	0.09	9.97						
AV	189.08k	27.07	54.07	-27.00	19.66	Neutral	-	7.41	9.60	0.09	9.97						
QP	249.042k	34.71	61.79	-27.08	19.67	Neutral	-	15.04	9.60	0.10	9.97						
AV	249.042k	20.95	51.79	-30.84	19.67	Neutral	-	1.28	9.60	0.10	9.97						
QP	449.637k	21.69	56.88	-35.19	19.70	Neutral	-	1.99	9.60	0.12	9.98						
AV	449.637k	15.53	46.88	-31.35	19.70	Neutral	-	-4.17	9.60	0.12	9.98						
QP	578.211k	19.81	56.00	-36.19	19.69	Neutral	-	0.12	9.60	0.11	9.98						
AV	578.211k	15.91	46.00	-30.09	19.69	Neutral	-	-3.78	9.60	0.11	9.98						
QP	18.053M	37.64	60.00	-22.36	19.76	Neutral	-	17.88	9.67	0.11	9.98						
AV	18.053M	34.53	50.00	-15.47	19.76	Neutral	-	14.77	9.67	0.11	9.98						



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	22.55M	19.115M	19M1D1D	21.945M	18.991M
802.11be EHT40_Nss1,(MCS0)_1TX	42.68M	38.081M	38M1D1D	41.69M	37.931M
802.11be EHT80_Nss1,(MCS0)_1TX	89.54M	78.061M	78M1D1D	88.88M	77.861M
802.11be EHT160_Nss1,(MCS0)_1TX	243.76M	157.321M	157MD1D	169.84M	157.121M
802.11be EHT320_Nss1,(MCS0)_1TX	502.48M	317.441M	317MD1D	486.64M	316.242M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	21.945M	19.065M	19M1D1D	21.835M	18.991M
802.11be EHT40_Nss1,(MCS0)_1TX	44.33M	38.031M	38M0D1D	41.8M	37.981M
802.11be EHT80_Nss1,(MCS0)_1TX	92.84M	77.861M	77M9D1D	88M	77.561M
802.11be EHT160_Nss1,(MCS0)_1TX	172.92M	157.521M	158MD1D	172.92M	157.521M
802.11be EHT320_Nss1,(MCS0)_1TX	594.88M	317.841M	318MD1D	486.64M	317.441M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	22M	19.04M	19M0D1D	21.285M	19.015M
802.11be EHT40_Nss1,(MCS0)_1TX	43.56M	38.031M	38M0D1D	43.12M	37.981M
802.11be EHT80_Nss1,(MCS0)_1TX	128.48M	78.261M	78M3D1D	90.2M	77.861M
802.11be EHT160_Nss1,(MCS0)_1TX	289.52M	159.52M	160MD1D	280.28M	158.321M
802.11be EHT320_Nss1,(MCS0)_1TX	652.96M	318.241M	318MD1D	480.48M	316.242M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	23.1M	19.09M	19M1D1D	21.835M	19.015M
802.11be EHT40_Nss1,(MCS0)_1TX	44.22M	38.081M	38M1D1D	43.23M	37.931M
802.11be EHT80_Nss1,(MCS0)_1TX	126.28M	78.361M	78M4D1D	91.3M	77.761M
802.11be EHT160_Nss1,(MCS0)_1TX	241.12M	157.921M	158MD1D	241.12M	157.921M

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	21.945M	19.115M
6195MHz	Pass	Inf	22.55M	19.09M
6415MHz	Pass	Inf	22.55M	18.991M
6435MHz	Pass	Inf	21.945M	19.015M
6475MHz	Pass	Inf	21.945M	18.991M
6515MHz	Pass	Inf	21.835M	19.065M
6535MHz	Pass	Inf	21.285M	19.015M
6695MHz	Pass	Inf	22M	19.04M
6875MHz	Pass	Inf	21.45M	19.04M
6895MHz	Pass	Inf	22M	19.065M
6995MHz	Pass	Inf	22.11M	19.015M
7095MHz	Pass	Inf	21.835M	19.065M
7115MHz	Pass	Inf	23.1M	19.09M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5965MHz	Pass	Inf	41.69M	38.031M
6205MHz	Pass	Inf	42.68M	38.081M
6405MHz	Pass	Inf	42.68M	37.931M
6445MHz	Pass	Inf	44.33M	37.981M
6485MHz	Pass	Inf	41.8M	38.031M
6525MHz	Pass	Inf	43.45M	38.031M
6565MHz	Pass	Inf	43.12M	37.981M
6685MHz	Pass	Inf	43.12M	37.981M
6885MHz	Pass	Inf	43.56M	38.031M
6925MHz	Pass	Inf	43.34M	37.931M
7005MHz	Pass	Inf	43.23M	38.081M
7085MHz	Pass	Inf	44.22M	38.081M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5985MHz	Pass	Inf	89.32M	77.861M
6225MHz	Pass	Inf	89.54M	77.861M
6385MHz	Pass	Inf	88.88M	78.061M
6465MHz	Pass	Inf	88M	77.561M
6545MHz	Pass	Inf	92.84M	77.861M
6625MHz	Pass	Inf	90.2M	77.861M
6705MHz	Pass	Inf	118.8M	78.261M
6785MHz	Pass	Inf	99.66M	77.961M
6865MHz	Pass	Inf	128.48M	78.161M
6945MHz	Pass	Inf	126.28M	78.361M
7025MHz	Pass	Inf	91.3M	77.761M
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-
6025MHz	Pass	Inf	243.76M	157.121M
6185MHz	Pass	Inf	220.88M	157.321M
6345MHz	Pass	Inf	169.84M	157.321M
6505MHz	Pass	Inf	172.92M	157.521M
6665MHz	Pass	Inf	289.52M	158.321M
6825MHz	Pass	Inf	280.28M	159.52M
6985MHz	Pass	Inf	241.12M	157.921M
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-	-
6105MHz	Pass	Inf	486.64M	316.242M
6265MHz	Pass	Inf	502.48M	317.441M
6425MHz	Pass	Inf	486.64M	317.841M
6585MHz	Pass	Inf	594.88M	317.441M
6745MHz	Pass	Inf	652.96M	318.241M
6905MHz	Pass	Inf	480.48M	316.242M



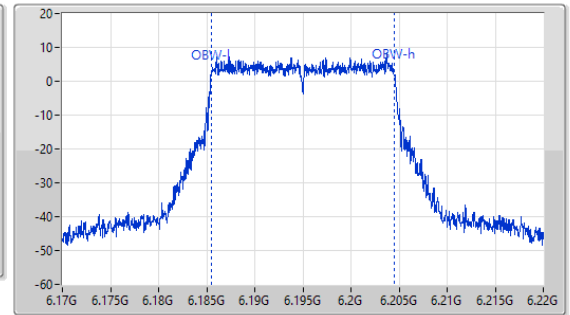
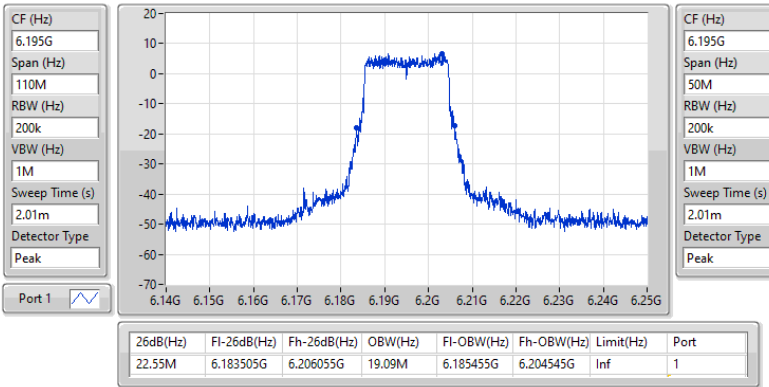
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

6195MHz

18/12/2024

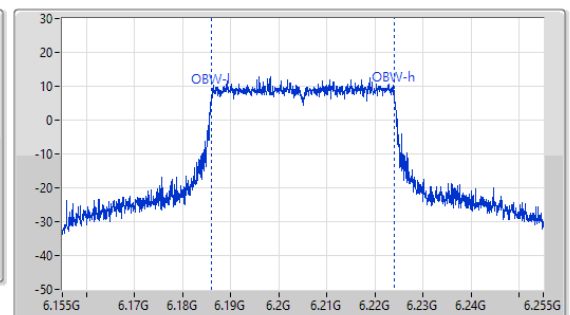
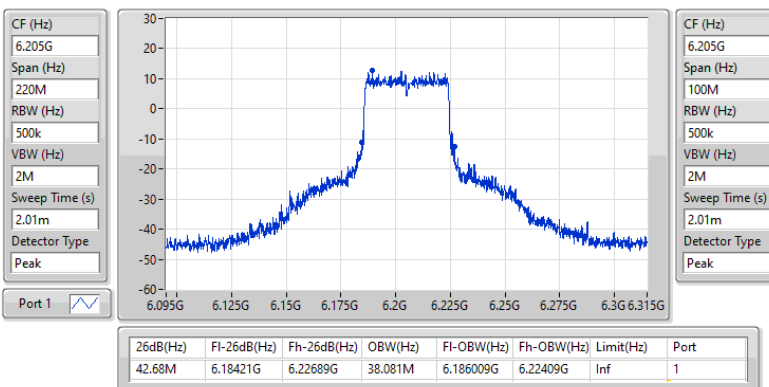


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

6205MHz

18/12/2024



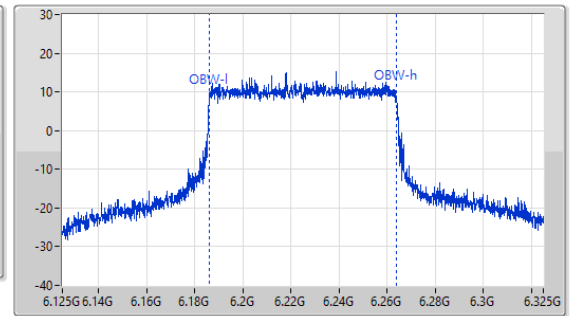
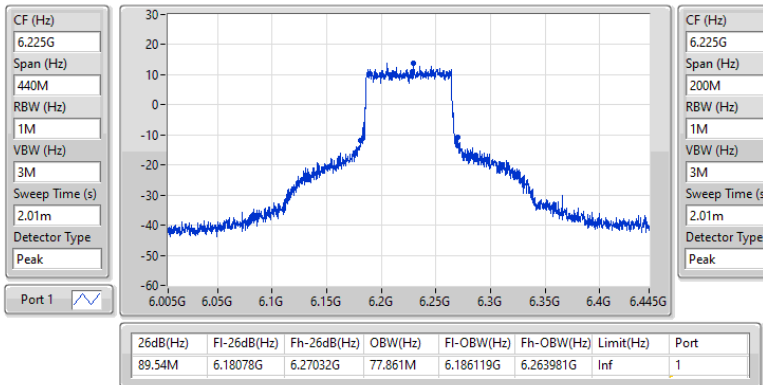


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6225MHz

18/12/2024

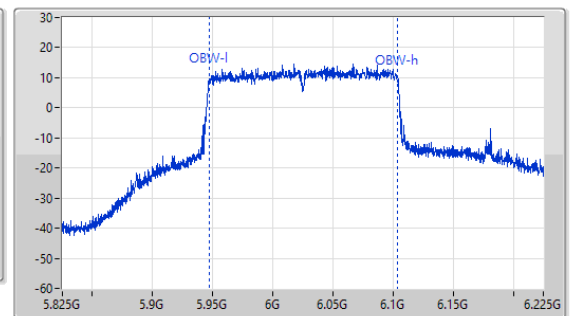
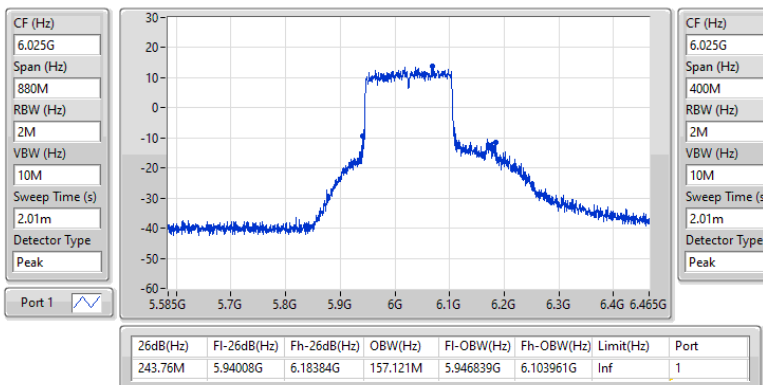


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6025MHz

18/12/2024

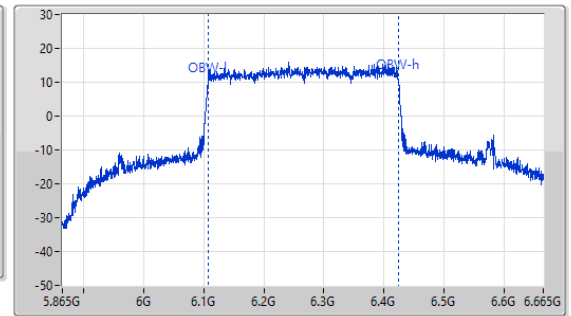
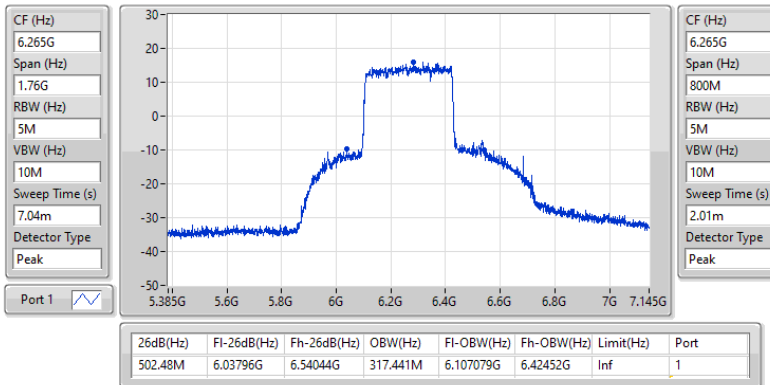


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX

EBW

6265MHz

18/12/2024

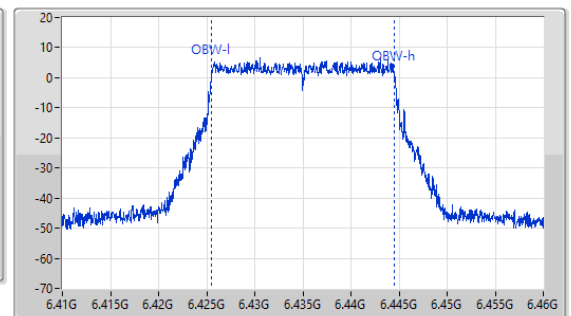
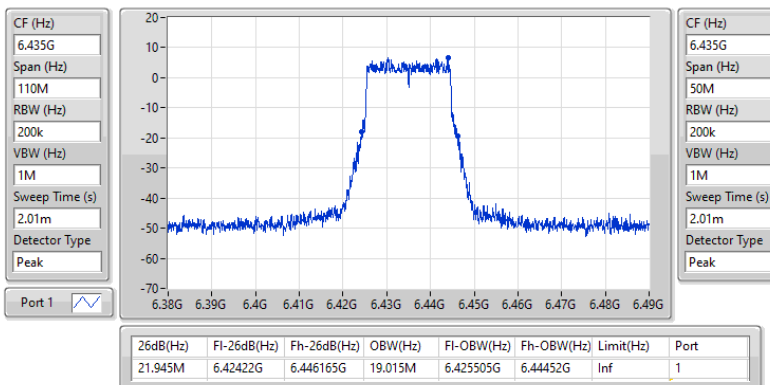


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

6435MHz

18/12/2024



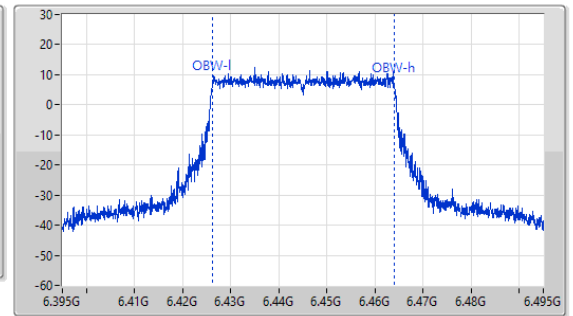
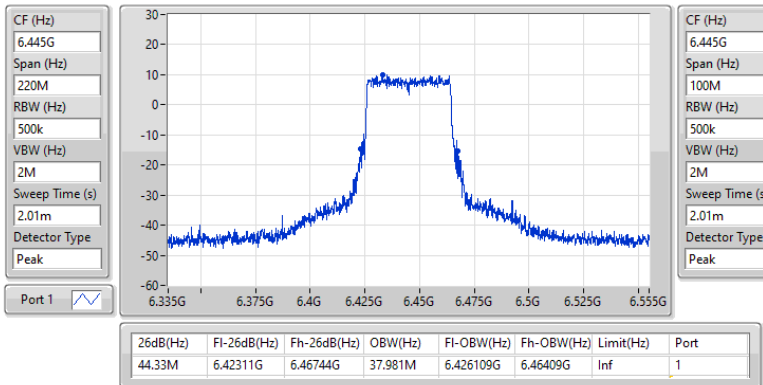


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

6445MHz

18/12/2024

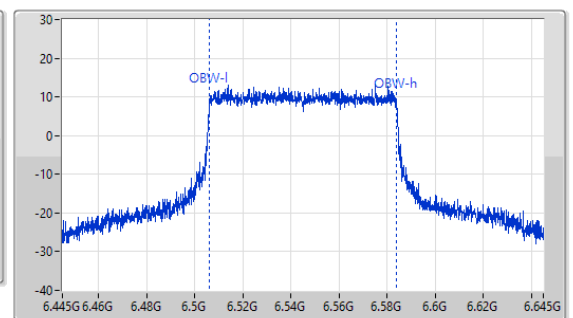
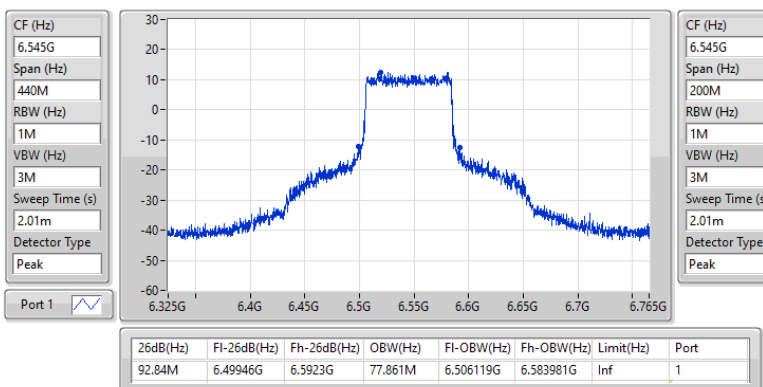


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6545MHz

18/12/2024



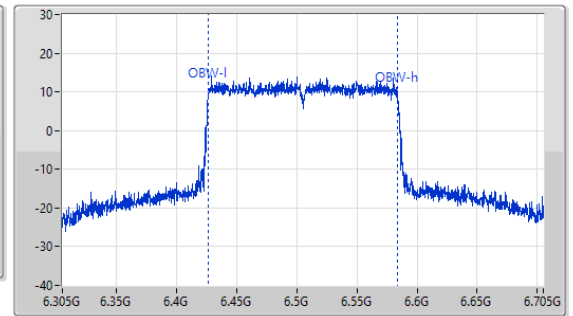
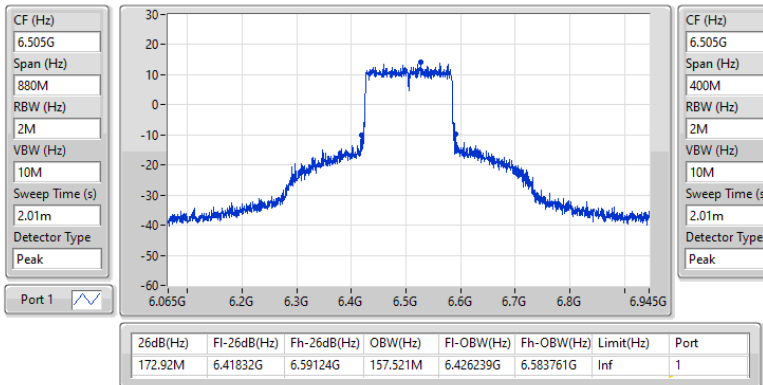


6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6505MHz

18/12/2024

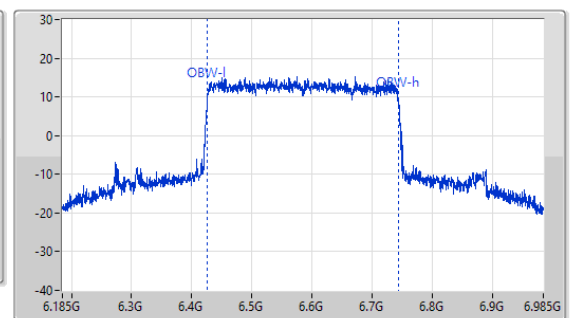
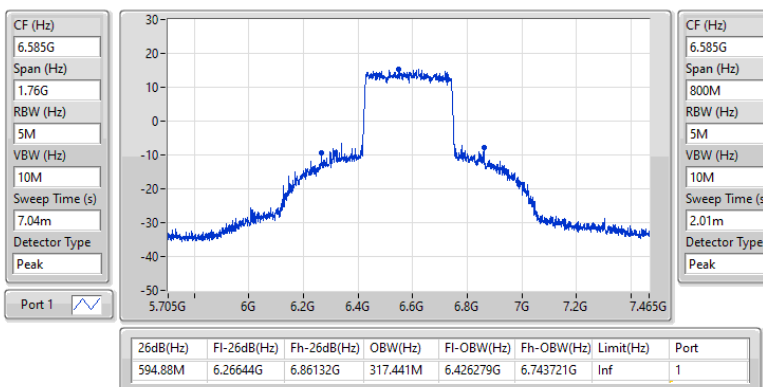


6.425-6.525GHz_802.11be EHT320_Nss1,(MCS0)_1TX

EBW

6585MHz

18/12/2024



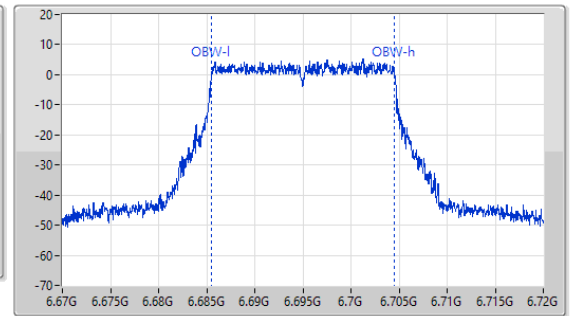
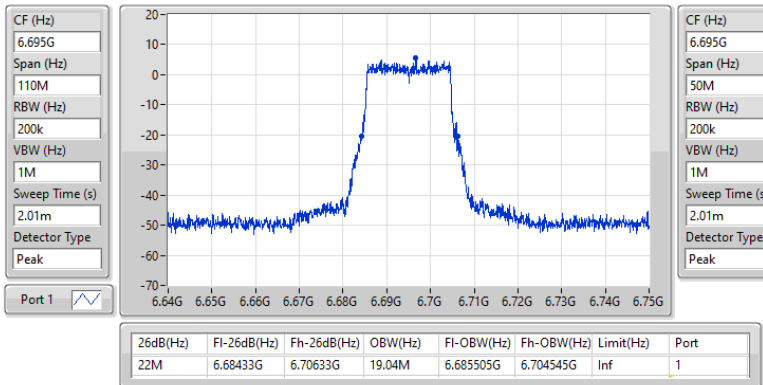


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

6695MHz

18/12/2024

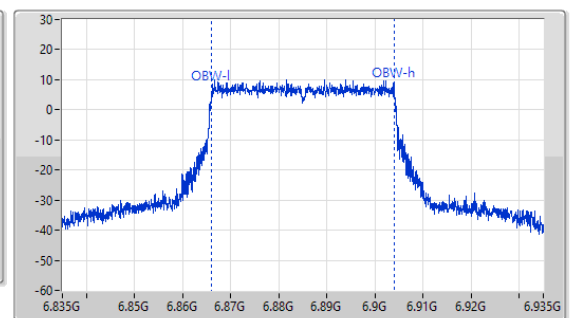
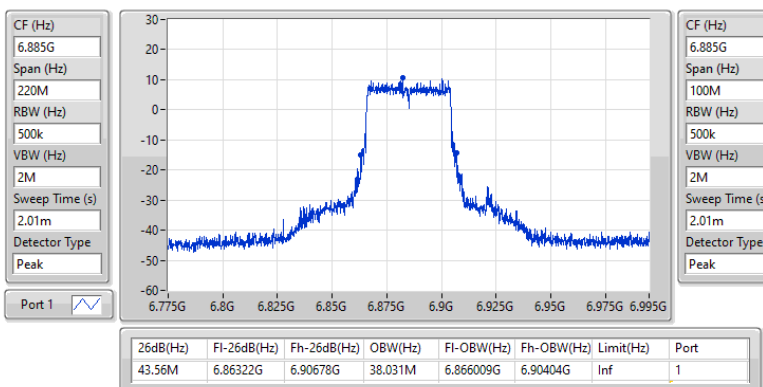


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

6885MHz

18/12/2024



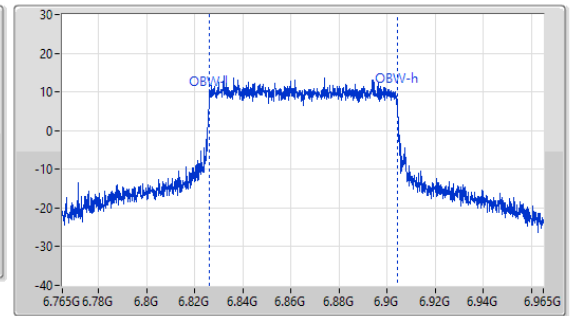
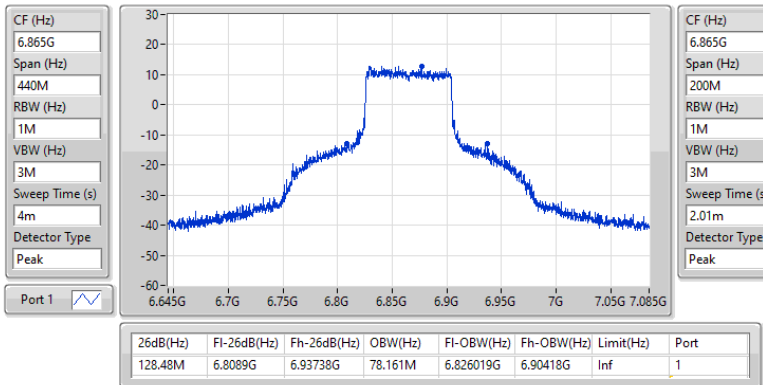


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6865MHz

18/12/2024

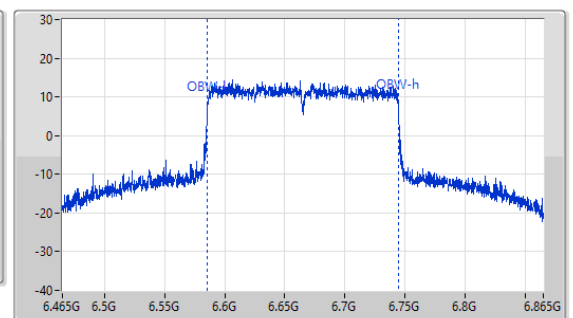
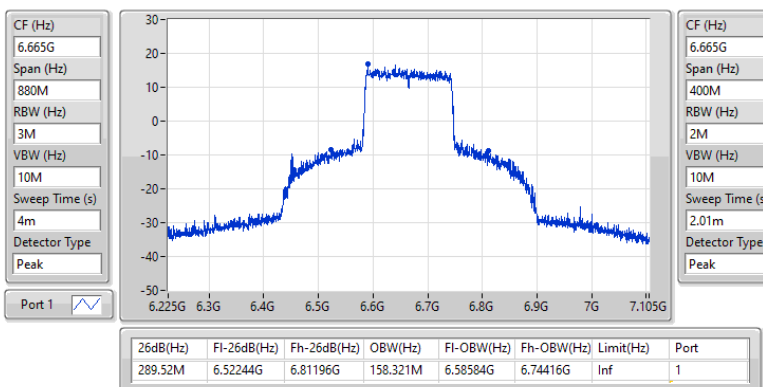


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6665MHz

18/12/2024



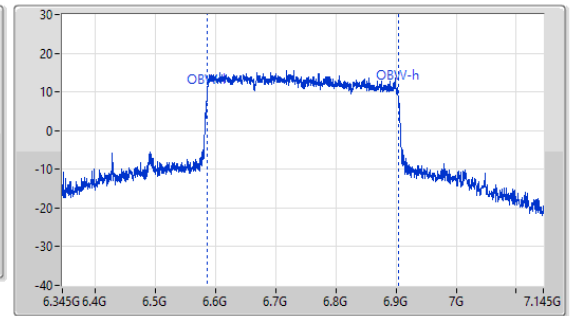
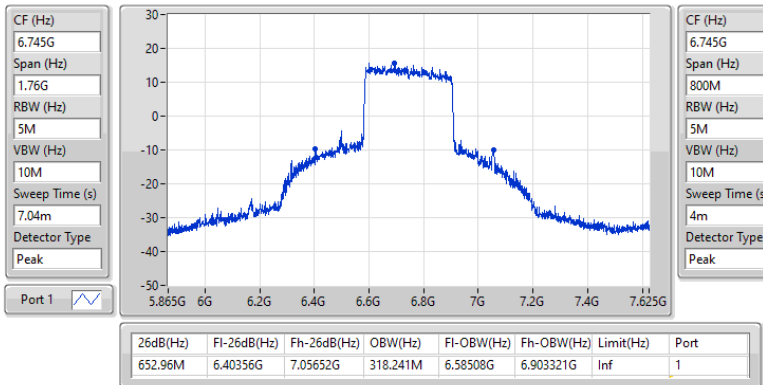


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_1TX

EBW

6745MHz

18/12/2024

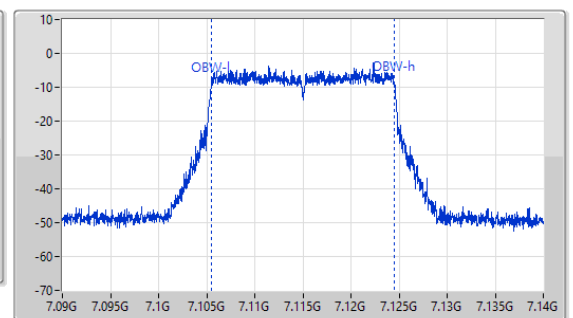
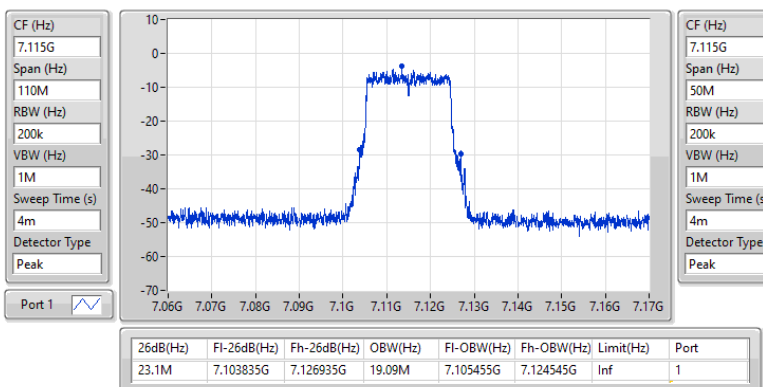


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

7115MHz

18/12/2024



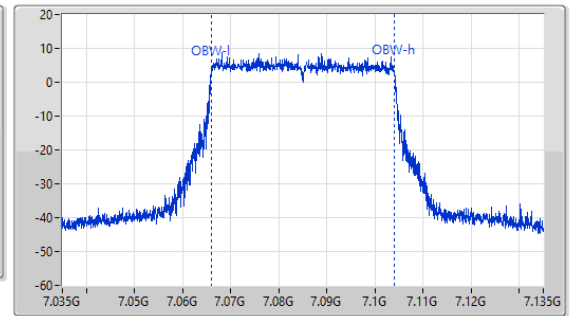
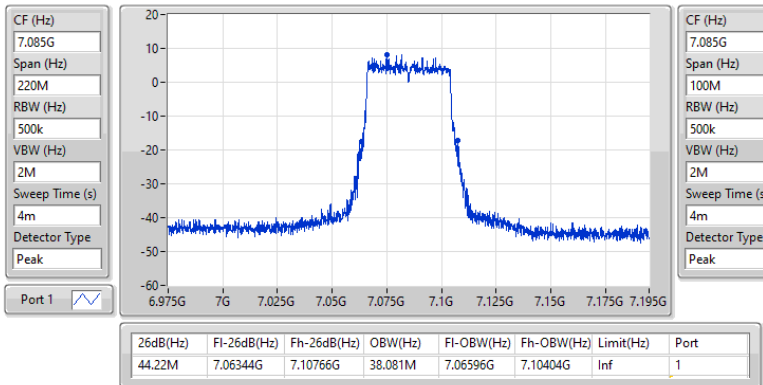


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

7085MHz

18/12/2024

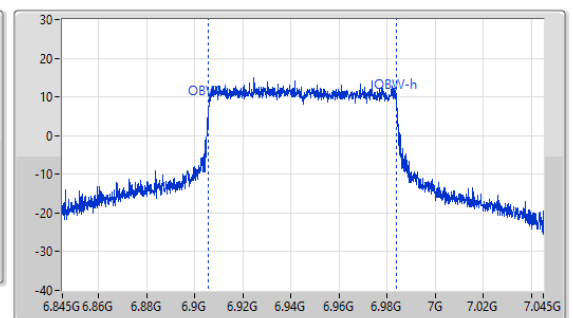
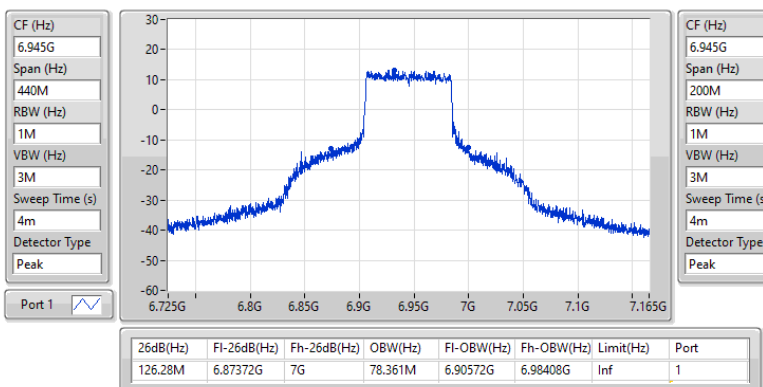


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6945MHz

18/12/2024





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

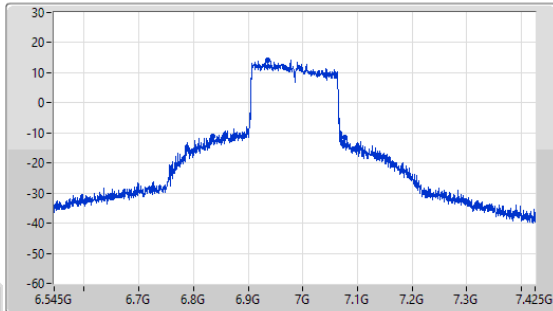
EBW

6985MHz

18/12/2024

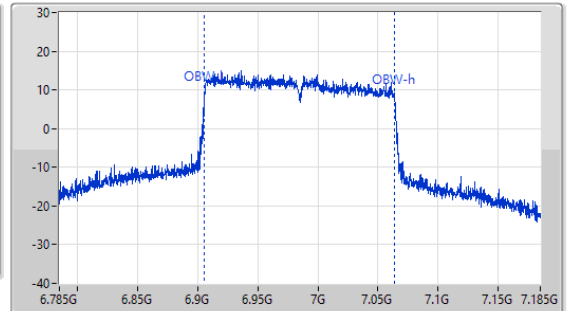
CF (Hz)
6.985G
Span (Hz)
880M
RBW (Hz)
2M
VBW (Hz)
10M
Sweep Time (s)
4m
Detector Type
Peak

Port 1



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
241.12M	6.83584G	7.07696G	157.921M	6.90544G	7.063361G	Inf	1

CF (Hz)
6.985G
Span (Hz)
400M
RBW (Hz)
2M
VBW (Hz)
10M
Sweep Time (s)
4m
Detector Type
Peak



**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	22.77M	19.065M	19M1D1D	21.395M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	44.88M	38.081M	38M1D1D	42.13M	37.981M
802.11be EHT80_Nss1,(MCS0)_2TX	89.32M	77.761M	77M8D1D	87.56M	77.561M
802.11be EHT160_Nss1,(MCS0)_2TX	197.56M	157.521M	158MD1D	168.96M	156.522M
802.11be EHT320_Nss1,(MCS0)_2TX	594M	317.441M	317MD1D	334.4M	315.442M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	22.825M	19.09M	19M1D1D	21.505M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	44M	38.081M	38M1D1D	42.02M	37.931M
802.11be EHT80_Nss1,(MCS0)_2TX	87.56M	77.761M	77M8D1D	86.24M	77.561M
802.11be EHT160_Nss1,(MCS0)_2TX	172.04M	157.321M	157MD1D	169.4M	157.321M
802.11be EHT320_Nss1,(MCS0)_2TX	634.48M	319.04M	319MD1D	559.68M	316.642M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	22.33M	19.065M	19M1D1D	21.56M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	44.88M	38.081M	38M1D1D	41.91M	37.931M
802.11be EHT80_Nss1,(MCS0)_2TX	89.54M	77.661M	77M7D1D	85.14M	77.561M
802.11be EHT160_Nss1,(MCS0)_2TX	172.92M	157.121M	157MD1D	167.64M	156.722M
802.11be EHT320_Nss1,(MCS0)_2TX	550M	319.04M	319MD1D	336.16M	314.243M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	22.55M	19.115M	19M1D1D	21.78M	18.991M
802.11be EHT40_Nss1,(MCS0)_2TX	44.11M	38.031M	38M0D1D	42.79M	37.931M
802.11be EHT80_Nss1,(MCS0)_2TX	92.18M	77.761M	77M8D1D	85.58M	77.761M
802.11be EHT160_Nss1,(MCS0)_2TX	172.04M	156.522M	157MD1D	169.84M	156.322M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	21.945M	19.015M	21.56M	19.065M
6195MHz	Pass	Inf	22.77M	19.065M	22.495M	19.04M
6415MHz	Pass	Inf	21.725M	19.065M	21.395M	19.04M
6435MHz	Pass	Inf	21.835M	19.065M	21.89M	19.015M
6475MHz	Pass	Inf	22.825M	19.065M	22.11M	19.065M
6515MHz	Pass	Inf	21.505M	19.09M	21.89M	19.065M
6535MHz	Pass	Inf	22.33M	19.065M	21.56M	19.04M
6695MHz	Pass	Inf	21.725M	19.04M	22.33M	19.015M
6875MHz	Pass	Inf	22.055M	19.015M	22.055M	19.04M
6895MHz	Pass	Inf	22.275M	19.04M	22.055M	19.115M
6995MHz	Pass	Inf	21.835M	19.09M	22.55M	19.015M
7095MHz	Pass	Inf	21.945M	18.991M	22M	19.065M
7115MHz	Pass	Inf	22.44M	19.115M	21.78M	19.04M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	43.01M	37.981M	43.34M	38.031M
6205MHz	Pass	Inf	42.13M	37.981M	42.9M	37.981M
6405MHz	Pass	Inf	43.23M	38.031M	44.88M	38.081M
6445MHz	Pass	Inf	42.9M	37.931M	42.02M	38.081M
6485MHz	Pass	Inf	42.13M	38.031M	44M	37.981M
6525MHz	Pass	Inf	42.24M	38.081M	42.46M	37.931M
6565MHz	Pass	Inf	42.35M	37.931M	42.79M	38.031M
6685MHz	Pass	Inf	43.56M	38.031M	44.88M	37.981M
6885MHz	Pass	Inf	42.68M	37.931M	41.91M	38.081M
6925MHz	Pass	Inf	44.11M	38.031M	43.78M	38.031M
7005MHz	Pass	Inf	42.79M	37.931M	43.23M	38.031M
7085MHz	Pass	Inf	42.9M	38.031M	42.79M	37.981M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	87.56M	77.561M	88.88M	77.661M
6225MHz	Pass	Inf	88.66M	77.561M	89.32M	77.761M
6385MHz	Pass	Inf	87.78M	77.661M	88M	77.761M
6465MHz	Pass	Inf	86.24M	77.561M	87.56M	77.761M
6545MHz	Pass	Inf	86.68M	77.661M	87.34M	77.661M
6625MHz	Pass	Inf	86.24M	77.661M	85.14M	77.661M
6705MHz	Pass	Inf	89.1M	77.661M	88.44M	77.561M
6785MHz	Pass	Inf	87.12M	77.661M	87.12M	77.661M
6865MHz	Pass	Inf	86.46M	77.661M	89.54M	77.661M
6945MHz	Pass	Inf	88.44M	77.761M	92.18M	77.761M
7025MHz	Pass	Inf	85.58M	77.761M	86.24M	77.761M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	172.92M	156.722M	168.96M	156.522M
6185MHz	Pass	Inf	197.56M	157.521M	170.28M	157.121M
6345MHz	Pass	Inf	169.84M	157.121M	171.16M	157.121M
6505MHz	Pass	Inf	169.4M	157.321M	172.04M	157.321M
6665MHz	Pass	Inf	169.84M	156.922M	169.84M	157.121M
6825MHz	Pass	Inf	172.92M	156.922M	167.64M	156.722M
6985MHz	Pass	Inf	172.04M	156.522M	169.84M	156.322M
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	Inf	454.96M	316.642M	334.4M	315.442M
6265MHz	Pass	Inf	594M	317.441M	469.04M	316.242M
6425MHz	Pass	Inf	559.68M	317.841M	578.16M	316.642M
6585MHz	Pass	Inf	634.48M	318.641M	618.64M	319.04M
6745MHz	Pass	Inf	550M	319.04M	470.8M	317.841M
6905MHz	Pass	Inf	474.32M	316.642M	336.16M	314.243M

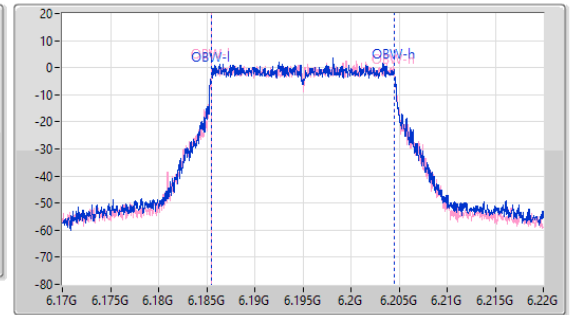
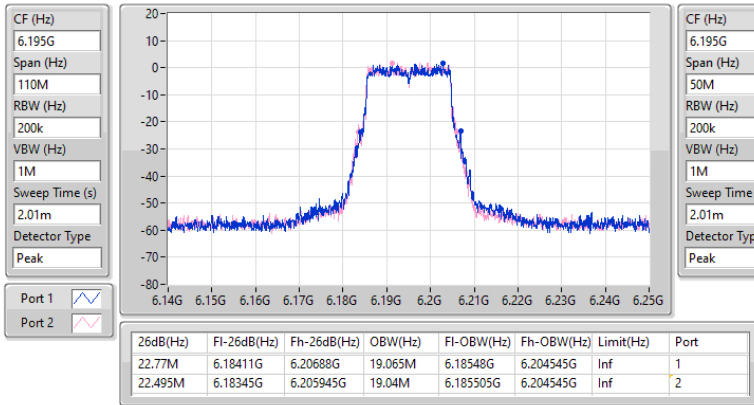
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

6195MHz

18/12/2024

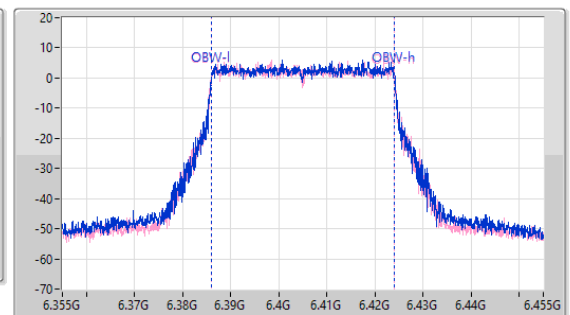
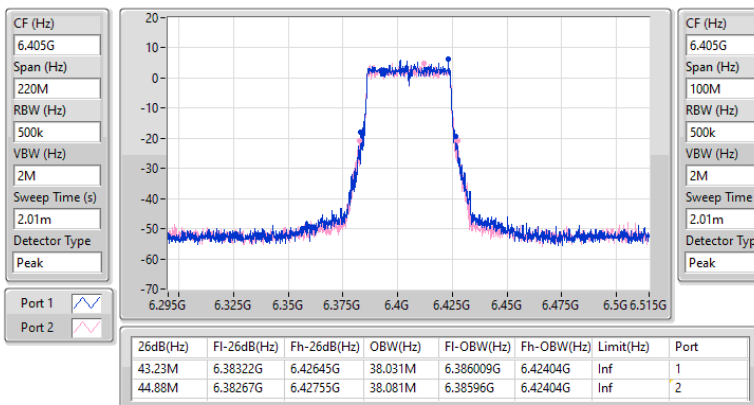


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6405MHz

18/12/2024



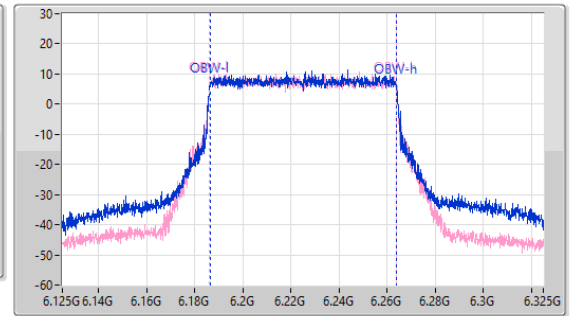
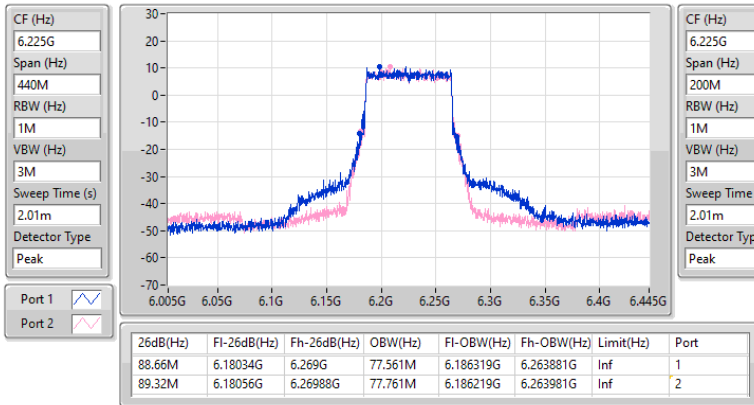


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6225MHz

18/12/2024

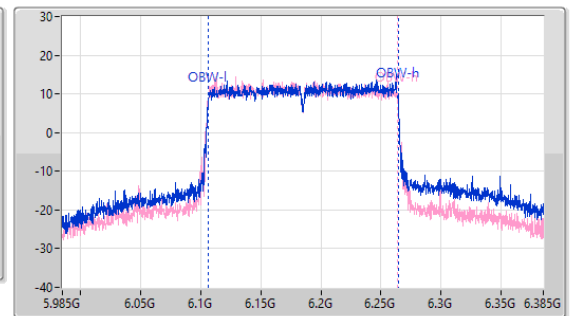
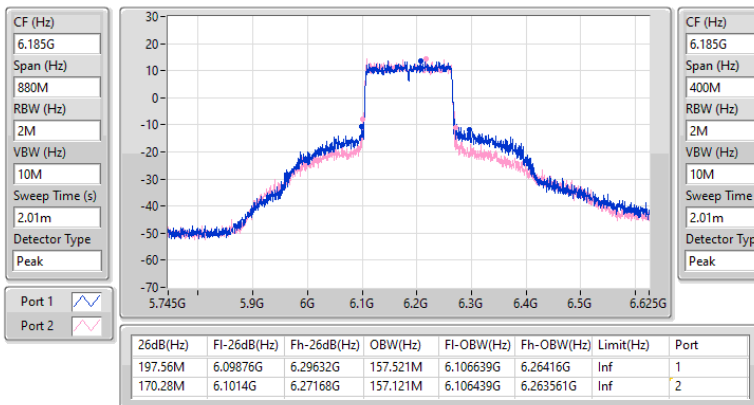


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6185MHz

18/12/2024



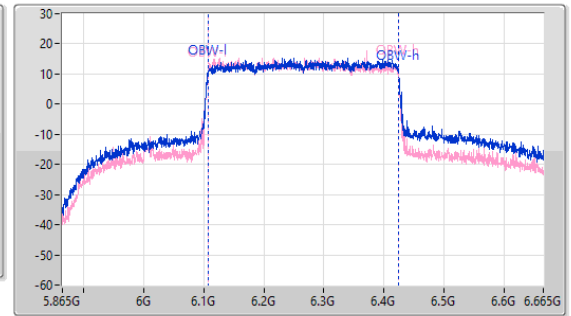
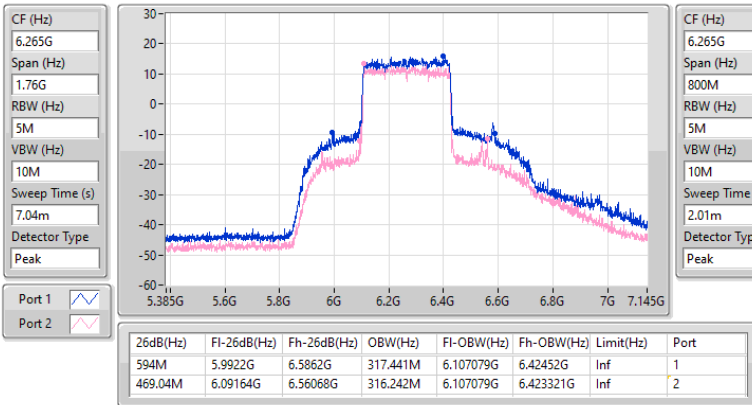


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6265MHz

18/12/2024

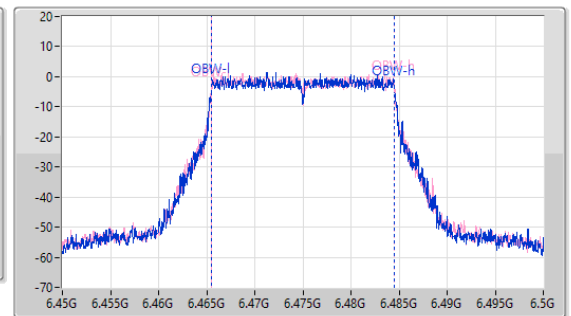
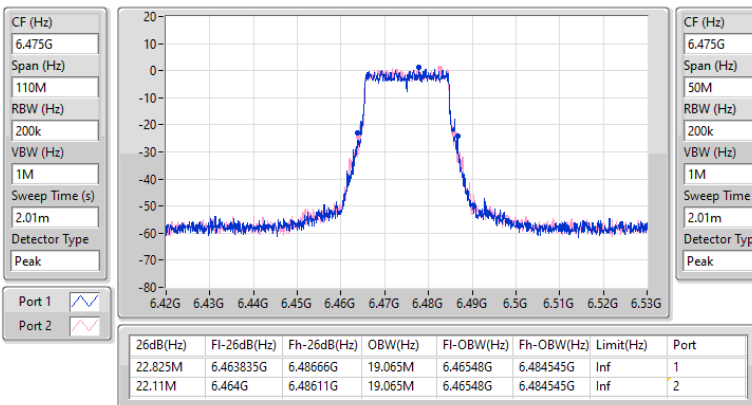


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6475MHz

18/12/2024



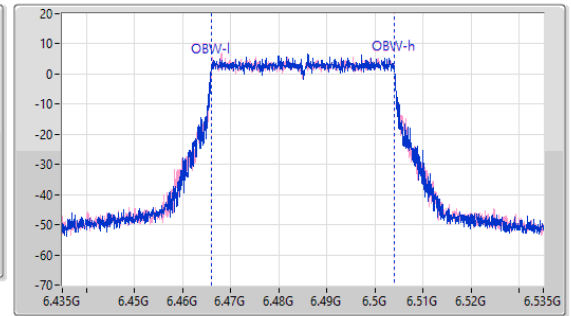
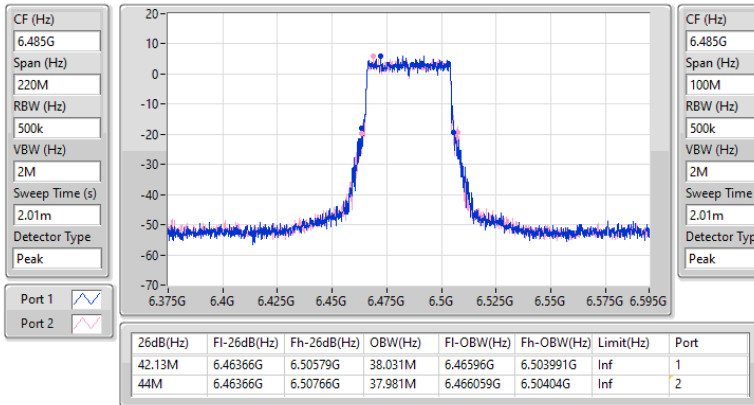


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6485MHz

18/12/2024

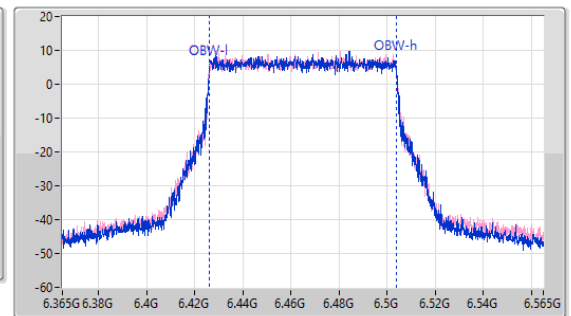
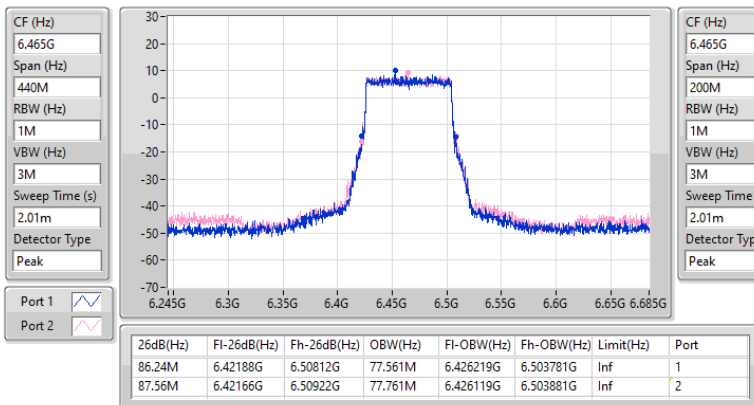


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6465MHz

18/12/2024



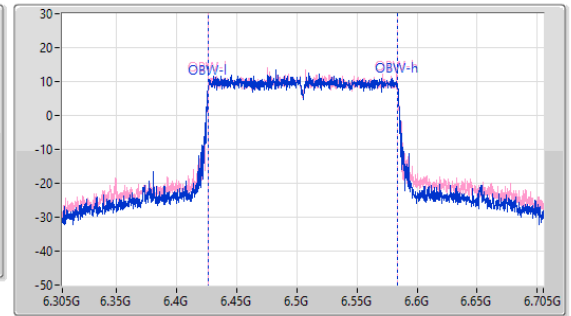
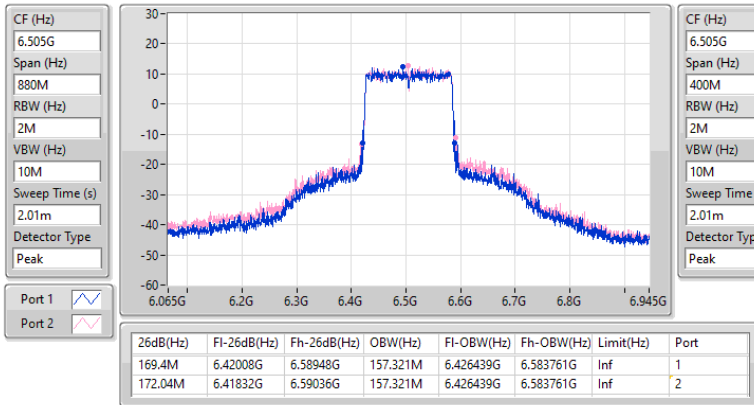


6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6505MHz

18/12/2024

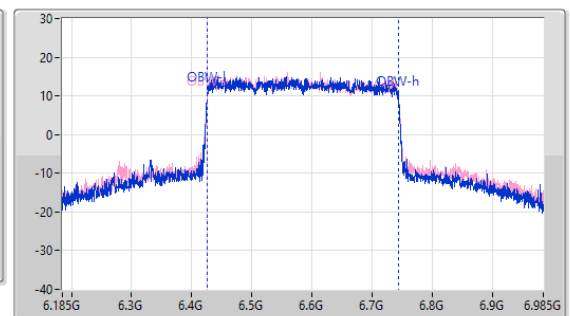
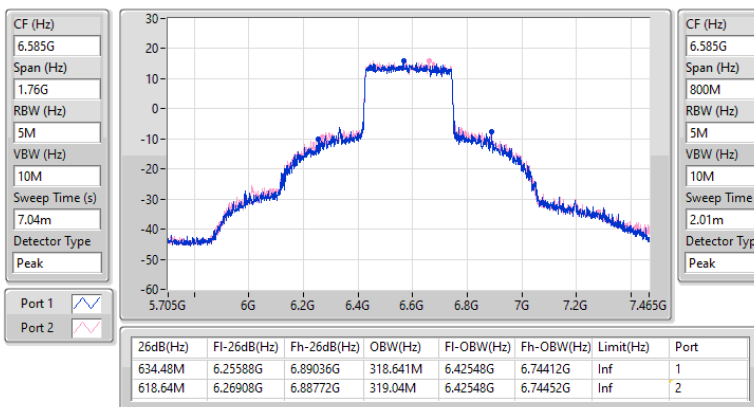


6.425-6.525GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6585MHz

18/12/2024



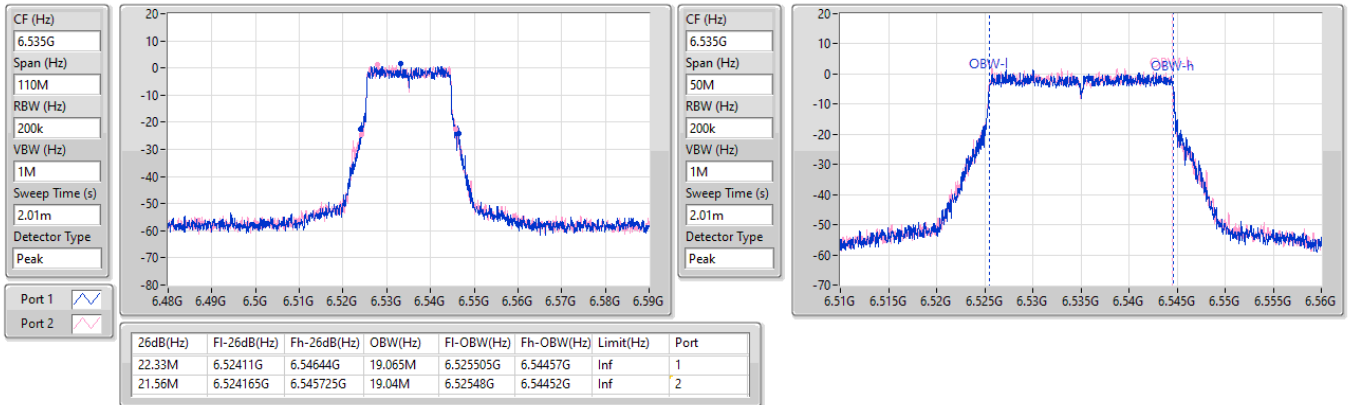


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6535MHz

18/12/2024

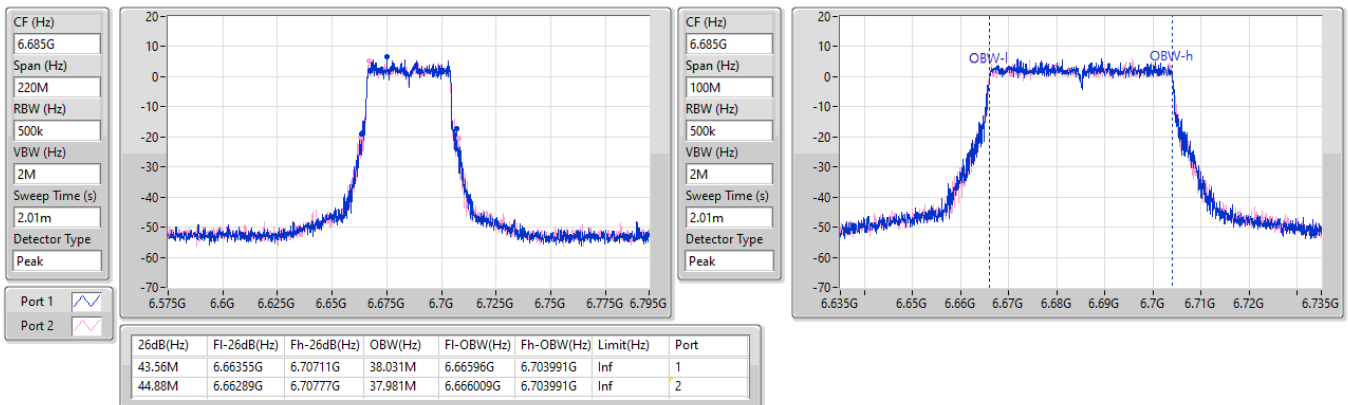


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6685MHz

18/12/2024

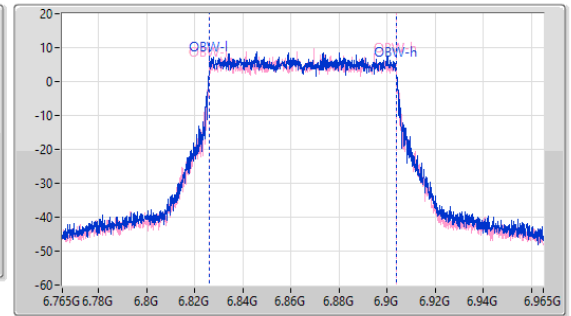
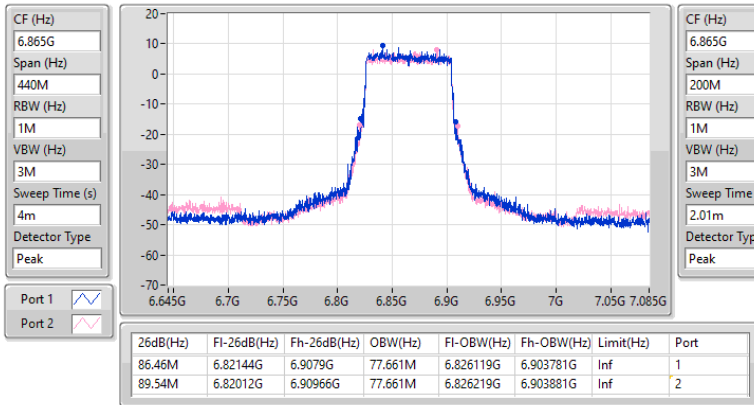


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6865MHz

18/12/2024

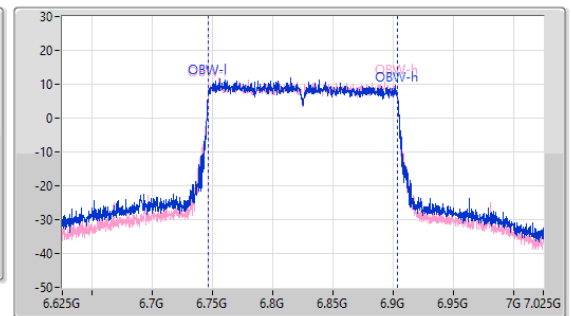
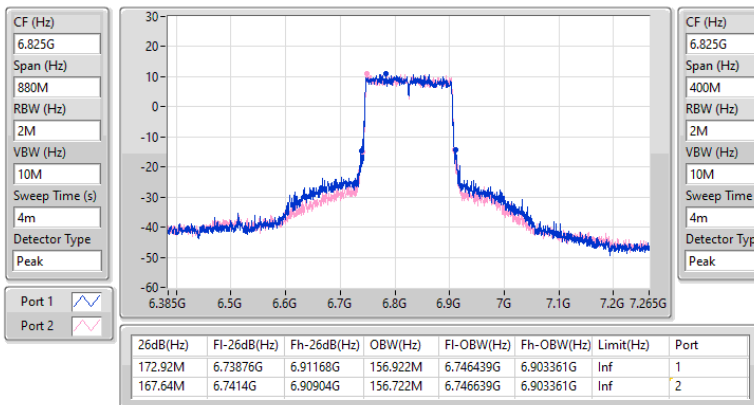


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6825MHz

18/12/2024



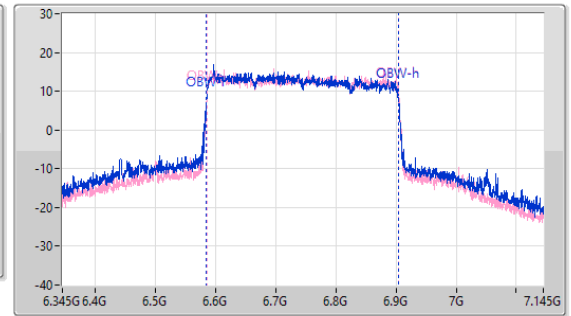
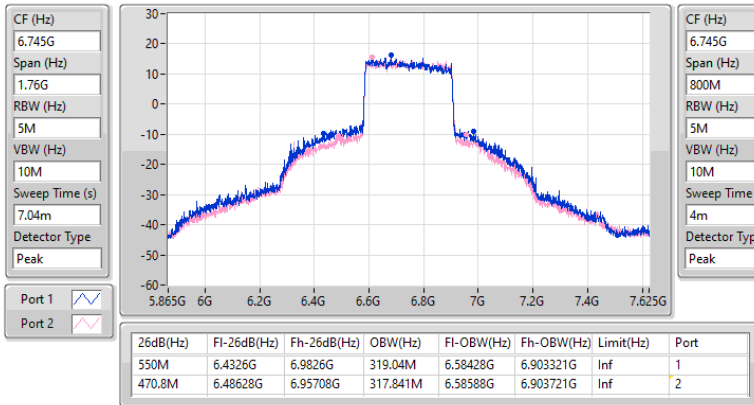


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6745MHz

18/12/2024

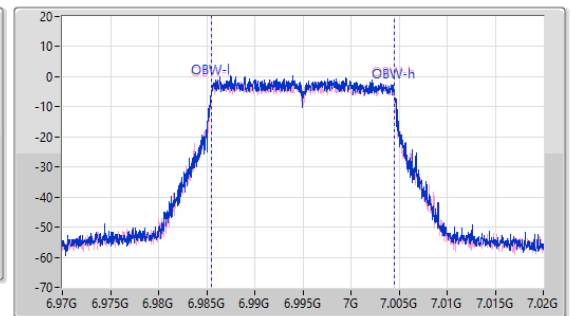
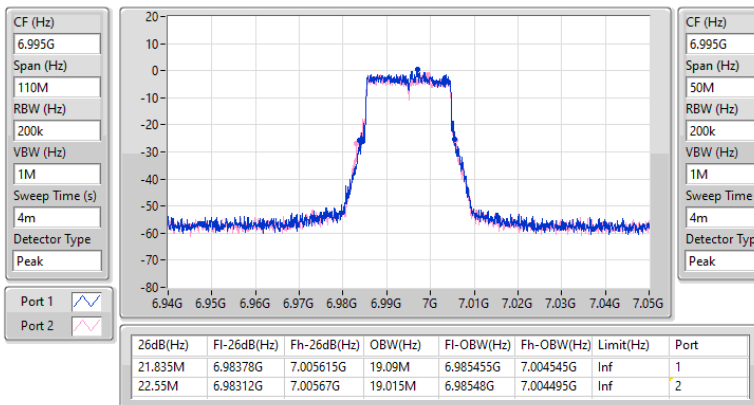


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6995MHz

18/12/2024



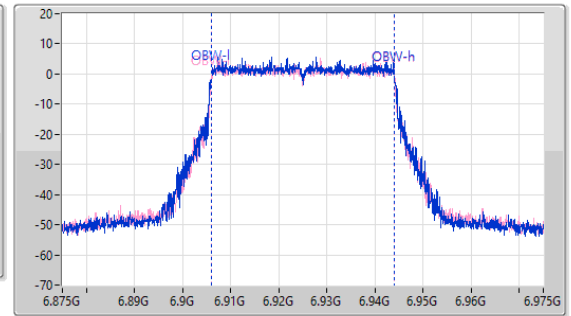
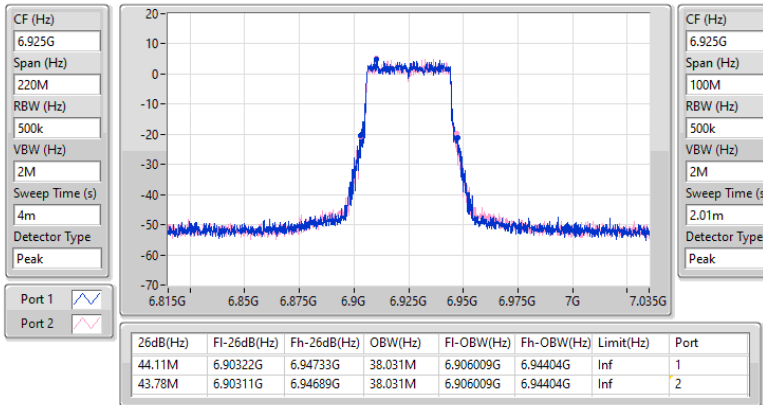


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6925MHz

18/12/2024

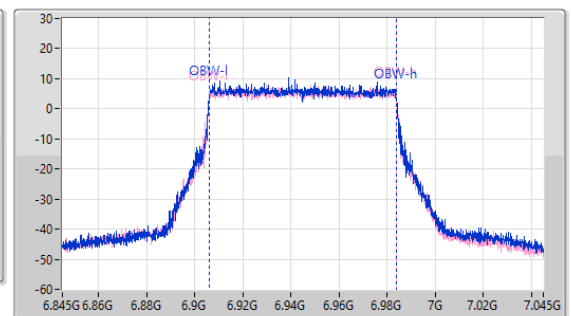
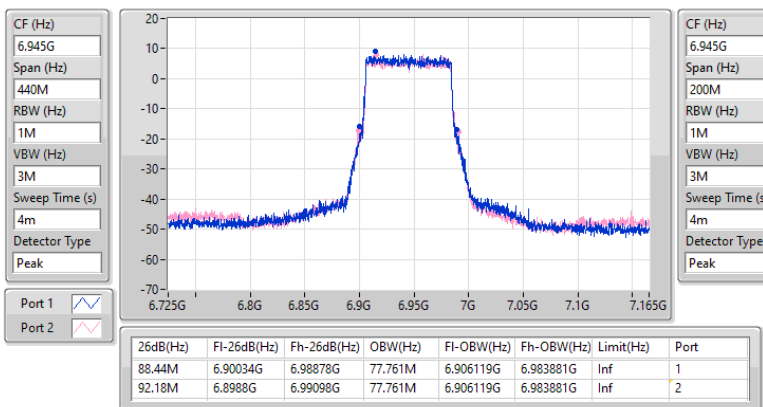


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6945MHz

18/12/2024



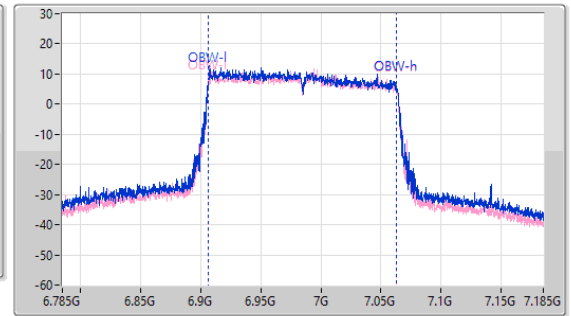
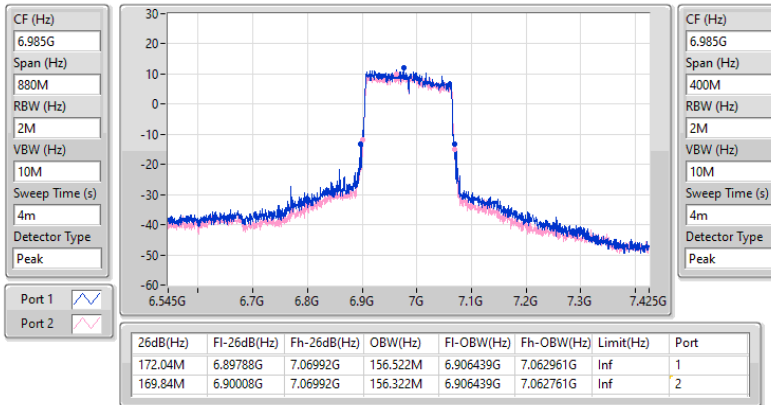


6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6985MHz

18/12/2024



**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	22.165M	19.04M	19M0D1D	20.955M	18.966M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	42.79M	38.081M	38M1D1D	41.36M	37.831M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	88.44M	77.661M	77M7D1D	85.36M	77.361M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	259.6M	157.521M	158MD1D	165M	156.322M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	530.64M	316.242M	316MD1D	330.88M	314.643M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	22.165M	19.065M	19M1D1D	20.625M	18.991M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	43.34M	37.981M	38MOD1D	41.91M	37.931M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	87.12M	77.761M	77M8D1D	86.24M	77.361M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	171.16M	156.922M	157MD1D	170.72M	156.922M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	691.68M	316.642M	317MD1D	336.16M	316.242M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	21.78M	19.04M	19M0D1D	21.065M	18.966M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	44M	38.031M	38MOD1D	42.13M	37.831M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	88M	77.861M	77M9D1D	83.6M	77.161M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	170.28M	156.922M	157MD1D	166.76M	156.722M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	584.32M	319.44M	319MD1D	331.76M	313.443M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	21.945M	19.04M	19M0D1D	21.01M	19.015M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	42.9M	38.031M	38MOD1D	41.69M	37.881M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	88.66M	77.861M	77M9D1D	85.14M	77.561M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	171.6M	157.521M	158MD1D	169.4M	156.122M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	21.725M	18.966M	21.89M	19.04M
6195MHz	Pass	Inf	21.065M	18.966M	20.955M	19.04M
6415MHz	Pass	Inf	22.165M	18.991M	21.23M	19.015M
6435MHz	Pass	Inf	22.165M	19.015M	21.065M	19.065M
6475MHz	Pass	Inf	22M	18.991M	21.67M	19.065M
6515MHz	Pass	Inf	20.625M	19.04M	21.34M	19.015M
6535MHz	Pass	Inf	21.78M	19.015M	21.065M	19.015M
6695MHz	Pass	Inf	21.285M	18.966M	21.395M	19.04M
6875MHz	Pass	Inf	21.56M	19.015M	21.615M	19.015M
6895MHz	Pass	Inf	21.34M	19.015M	21.01M	19.015M
6995MHz	Pass	Inf	21.615M	19.015M	21.67M	19.04M
7095MHz	Pass	Inf	21.175M	19.015M	21.67M	19.04M
7115MHz	Pass	Inf	21.67M	19.015M	21.945M	19.04M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	42.02M	37.831M	42.57M	37.931M
6205MHz	Pass	Inf	42.68M	37.931M	41.36M	37.981M
6405MHz	Pass	Inf	41.69M	38.081M	42.79M	38.031M
6445MHz	Pass	Inf	43.12M	37.931M	43.12M	37.981M
6485MHz	Pass	Inf	42.35M	37.981M	42.79M	37.981M
6525MHz	Pass	Inf	43.34M	37.981M	41.91M	37.981M
6565MHz	Pass	Inf	43.01M	37.981M	42.79M	37.881M
6685MHz	Pass	Inf	42.57M	37.831M	42.13M	37.981M
6885MHz	Pass	Inf	44M	37.831M	43.45M	38.031M
6925MHz	Pass	Inf	41.69M	37.881M	42.9M	37.881M
7005MHz	Pass	Inf	42.24M	38.031M	41.69M	37.981M
7085MHz	Pass	Inf	42.57M	37.981M	42.79M	37.881M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	88.44M	77.361M	87.12M	77.561M
6225MHz	Pass	Inf	86.9M	77.561M	85.36M	77.661M
6385MHz	Pass	Inf	86.02M	77.461M	86.9M	77.461M
6465MHz	Pass	Inf	86.24M	77.561M	86.68M	77.761M
6545MHz	Pass	Inf	86.46M	77.361M	87.12M	77.661M
6625MHz	Pass	Inf	84.26M	77.661M	85.8M	77.561M
6705MHz	Pass	Inf	83.6M	77.161M	84.26M	77.861M
6785MHz	Pass	Inf	87.12M	77.661M	87.78M	77.361M
6865MHz	Pass	Inf	85.14M	77.461M	88M	77.761M
6945MHz	Pass	Inf	86.68M	77.861M	85.14M	77.661M
7025MHz	Pass	Inf	88.66M	77.661M	85.8M	77.561M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	165.88M	156.322M	171.6M	156.922M
6185MHz	Pass	Inf	259.6M	157.521M	165M	156.922M
6345MHz	Pass	Inf	240.24M	157.121M	173.8M	156.922M
6505MHz	Pass	Inf	170.72M	156.922M	171.16M	156.922M
6665MHz	Pass	Inf	167.2M	156.722M	166.76M	156.922M
6825MHz	Pass	Inf	170.28M	156.722M	169.84M	156.922M
6985MHz	Pass	Inf	171.6M	157.521M	169.4M	156.122M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	Inf	489.28M	316.242M	330.88M	314.643M
6265MHz	Pass	Inf	530.64M	315.842M	431.2M	315.842M
6425MHz	Pass	Inf	617.76M	316.642M	336.16M	316.242M
6585MHz	Pass	Inf	691.68M	316.642M	423.28M	316.242M
6745MHz	Pass	Inf	584.32M	319.44M	331.76M	315.842M
6905MHz	Pass	Inf	383.68M	316.642M	331.76M	313.443M



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

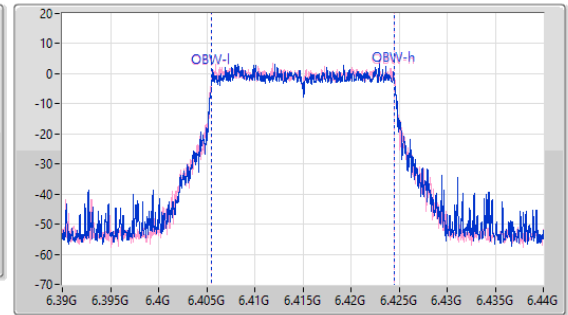
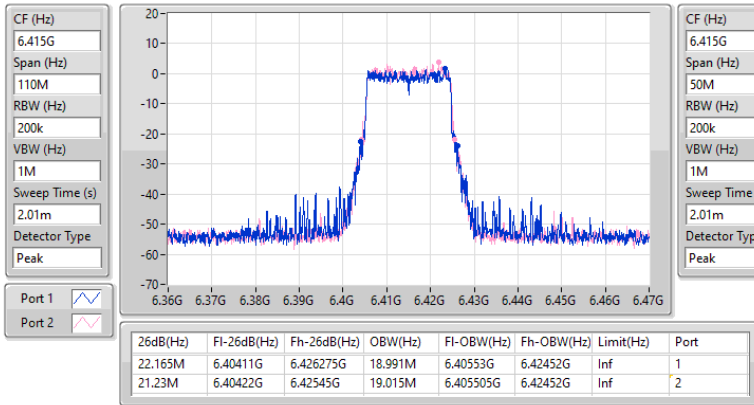


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

6415MHz

19/12/2024

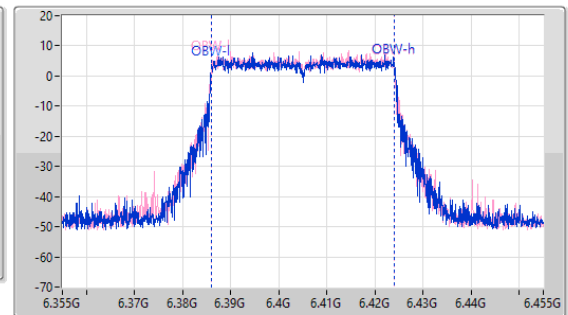
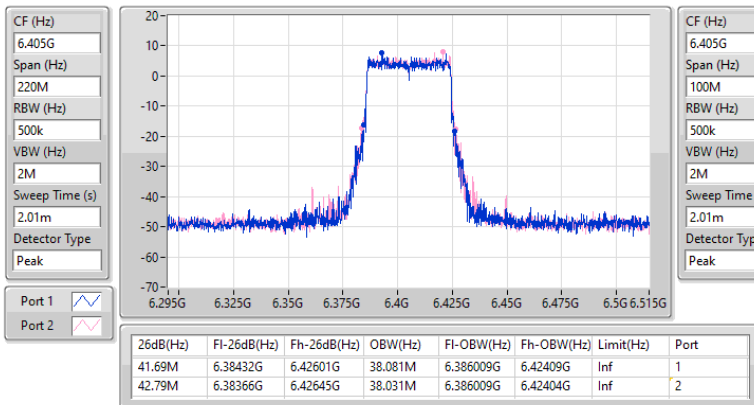


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6405MHz

19/12/2024

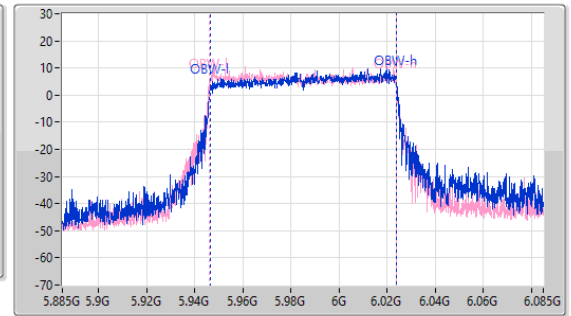
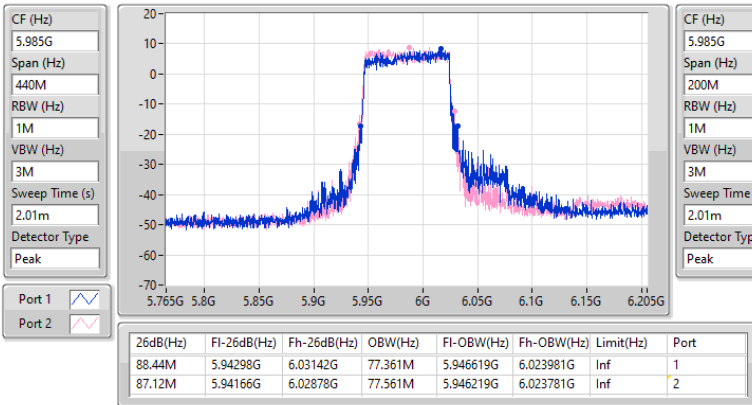


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

5985MHz

19/12/2024

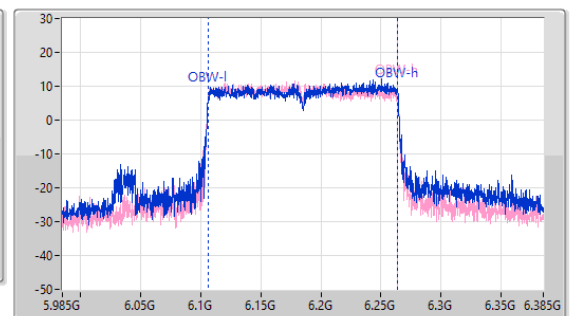
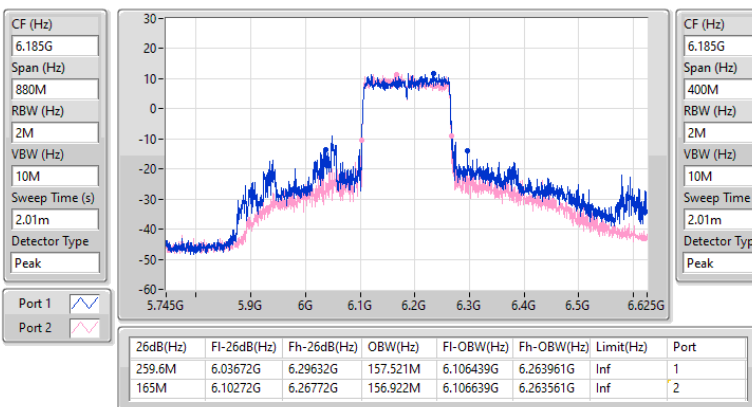


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

EBW

6185MHz

20/12/2024



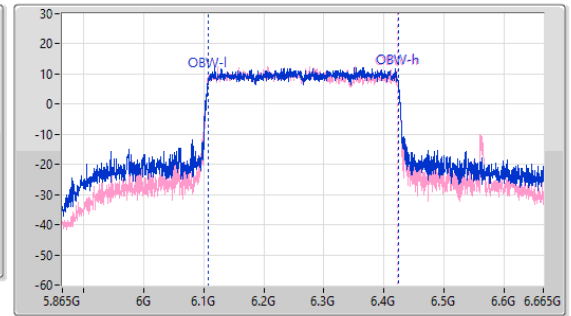
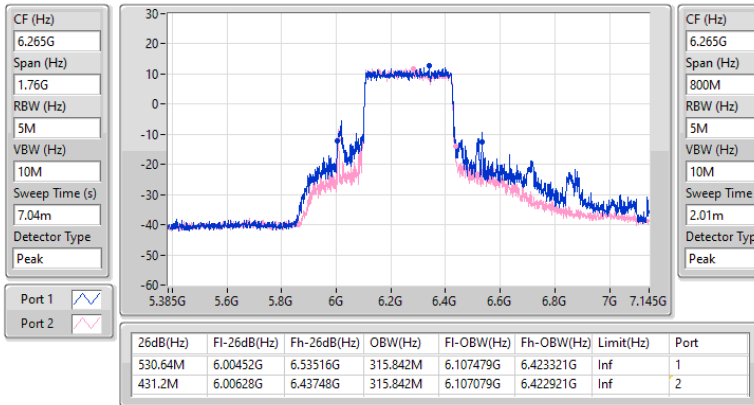


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX

EBW

6265MHz

20/12/2024

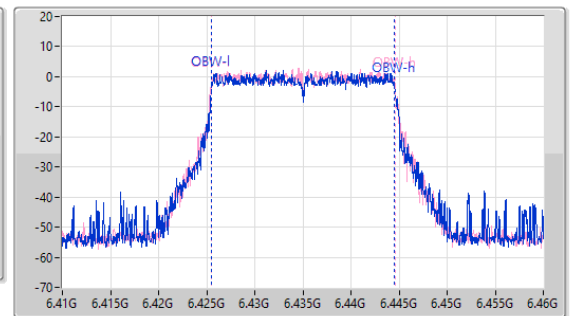
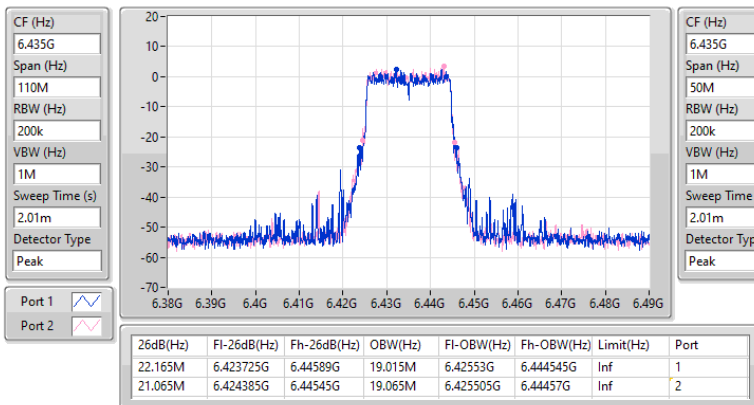


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

6435MHz

19/12/2024

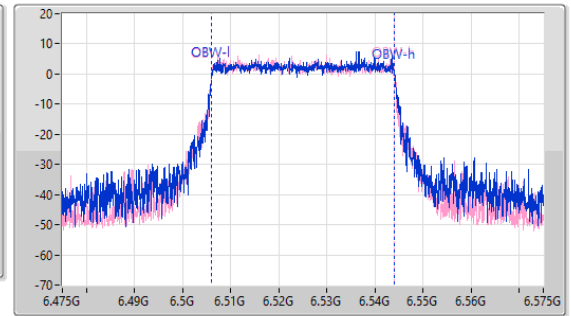
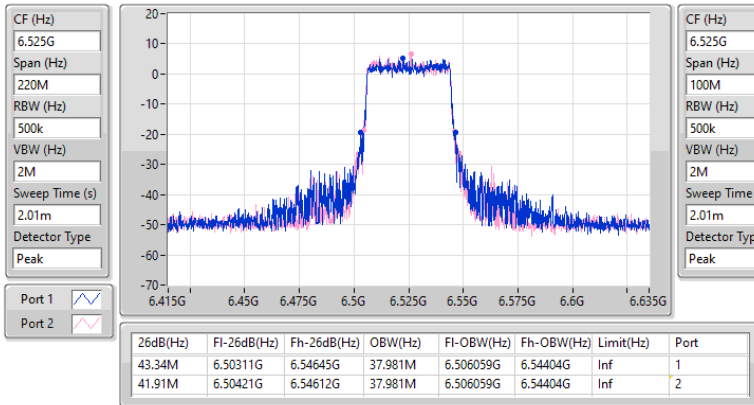


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6525MHz

19/12/2024

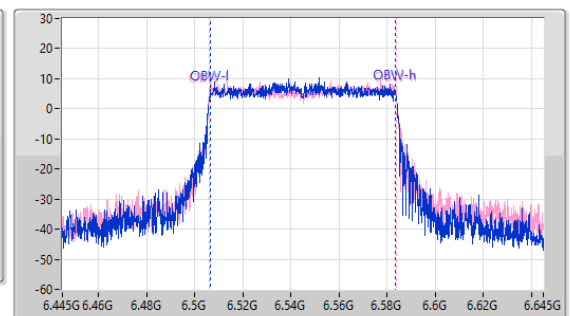
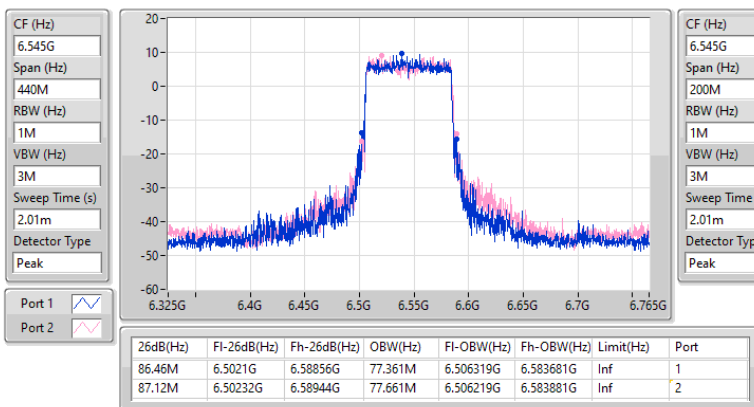


6.425-6.525GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

6545MHz

19/12/2024



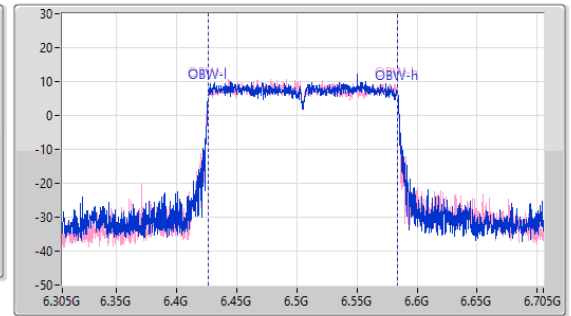
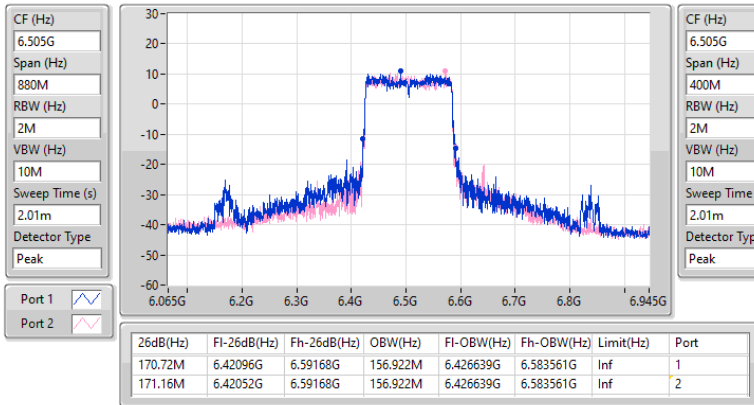


6.425-6.525GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

EBW

6505MHz

19/12/2024

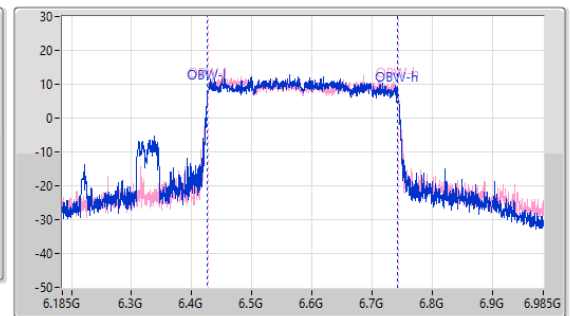
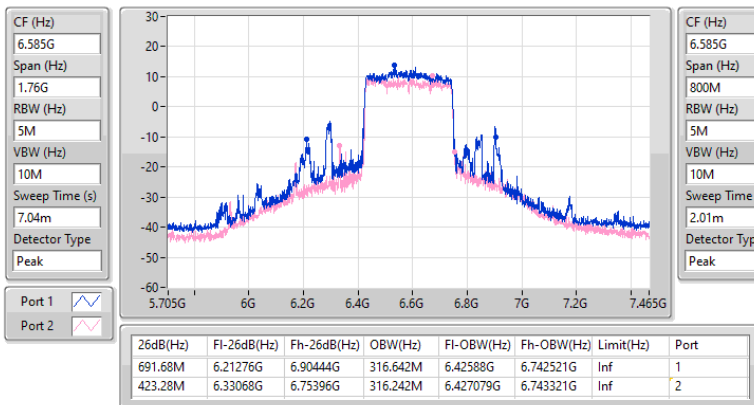


6.425-6.525GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX

EBW

6585MHz

20/12/2024



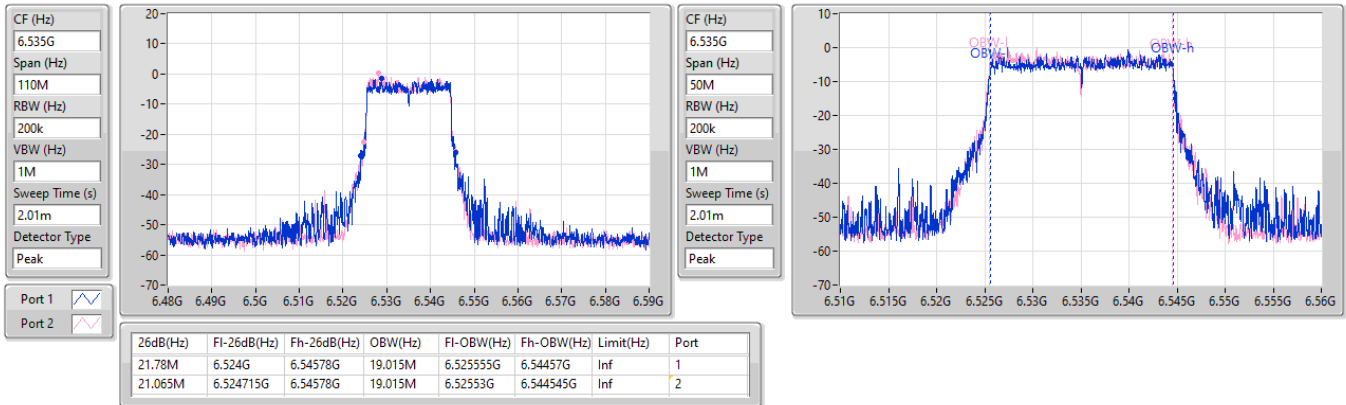


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

6535MHz

19/12/2024

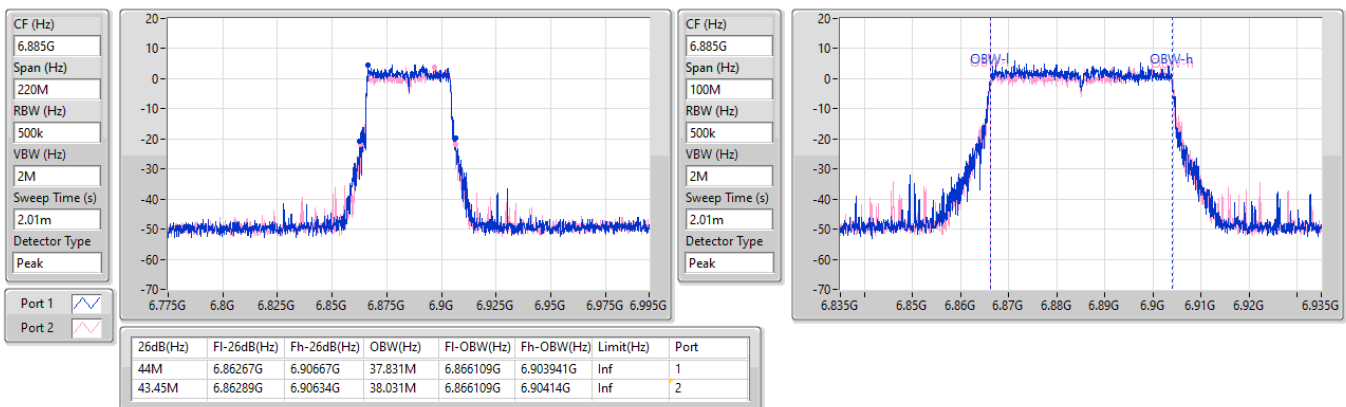


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6885MHz

19/12/2024



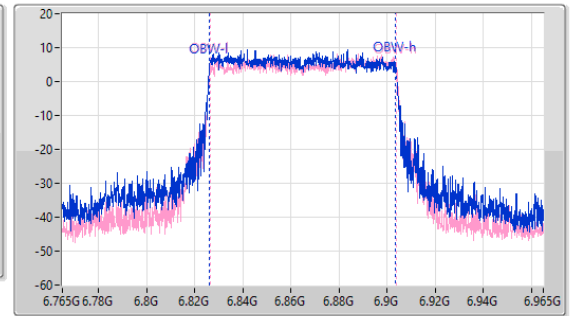
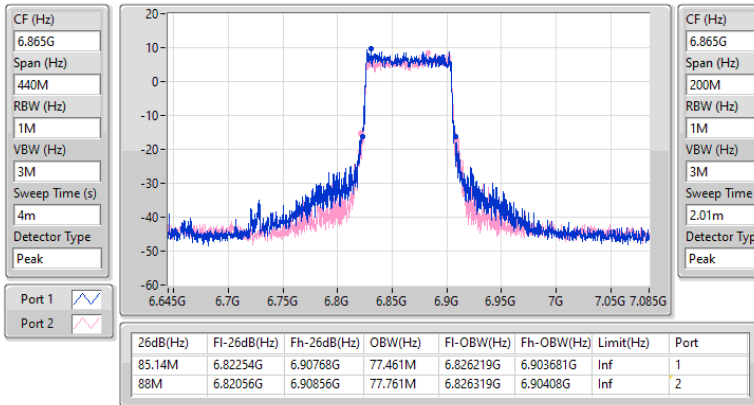


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

6865MHz

19/12/2024

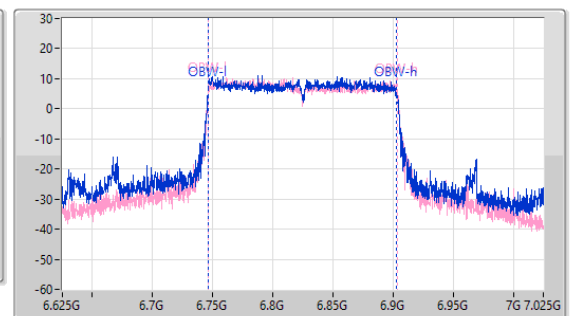
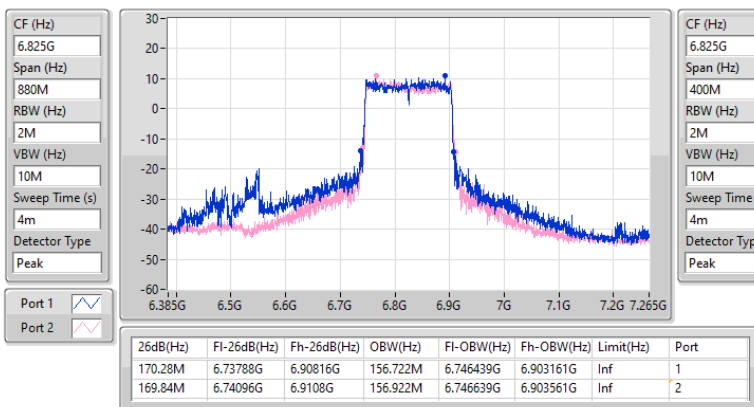


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

EBW

6825MHz

19/12/2024



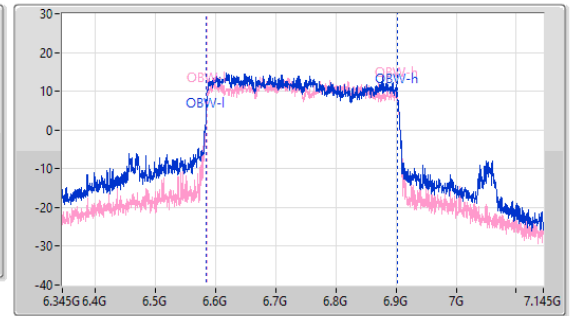
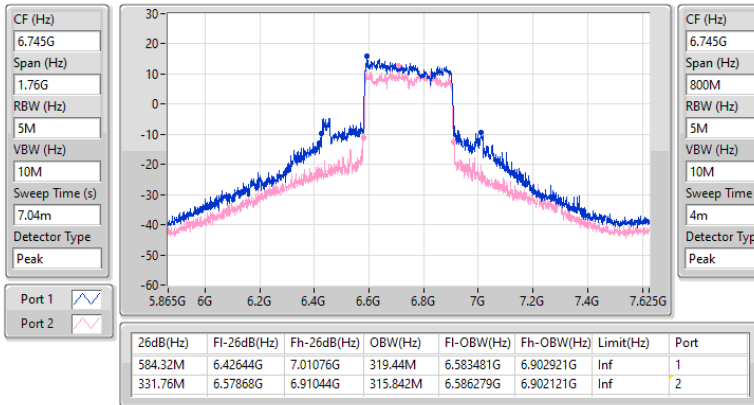


6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX

EBW

6745MHz

20/12/2024

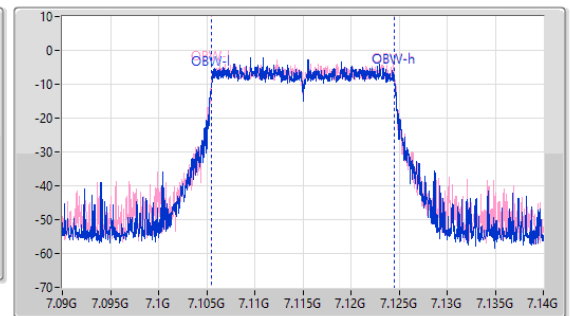
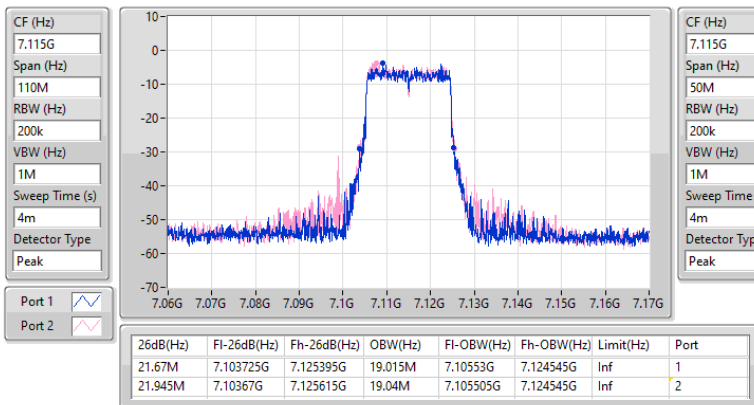


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

7115MHz

19/12/2024



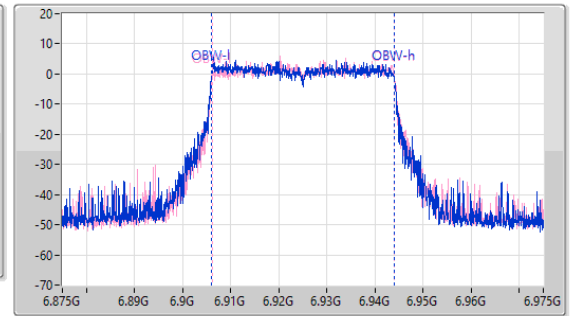
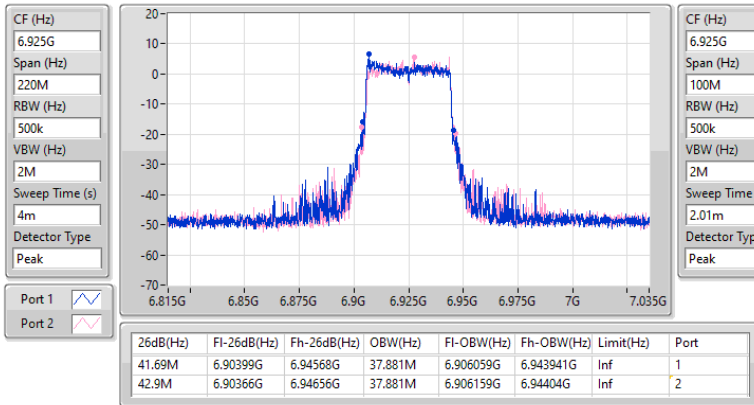


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6925MHz

19/12/2024

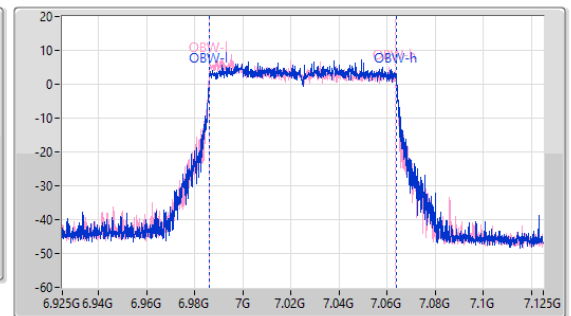
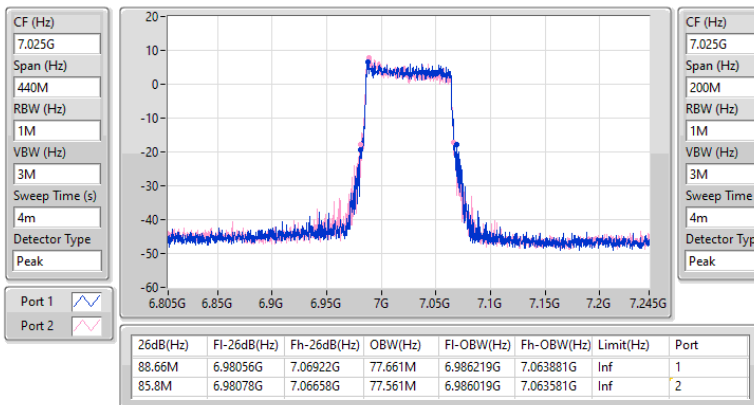


6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

7025MHz

19/12/2024



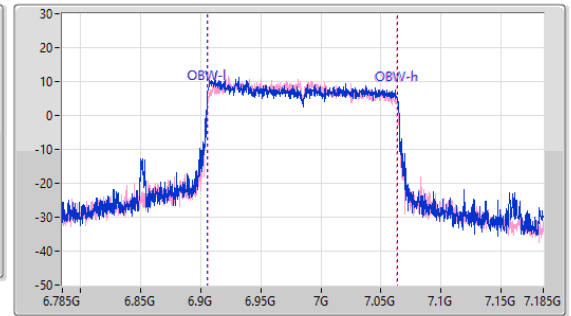
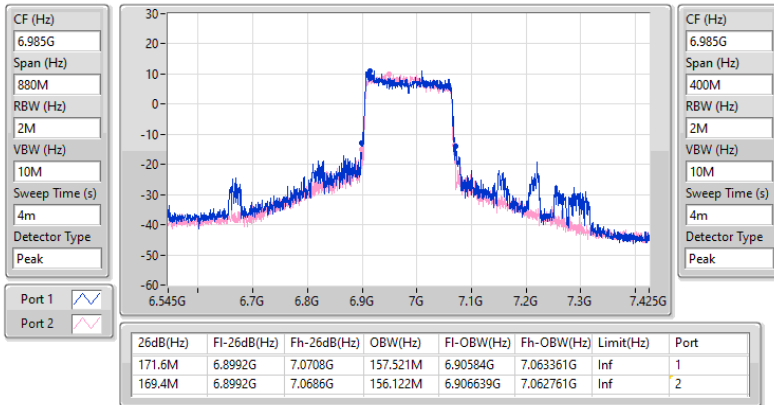


6.875-7.125GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

EBW

6985MHz

20/12/2024



**Summary**

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	18.45	0.06998
802.11be EHT40_Nss1,(MCS0)_1TX	21.52	0.14191
802.11be EHT80_Nss1,(MCS0)_1TX	23.71	0.23496
802.11be EHT160_Nss1,(MCS0)_1TX	23.81	0.24044
802.11be EHT320_Nss1,(MCS0)_1TX	23.63	0.23067
6.425-6.525GHz	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	18.82	0.07621
802.11be EHT40_Nss1,(MCS0)_1TX	21.50	0.14125
802.11be EHT80_Nss1,(MCS0)_1TX	23.67	0.23281
802.11be EHT160_Nss1,(MCS0)_1TX	23.72	0.23550
802.11be EHT320_Nss1,(MCS0)_1TX	24.06	0.25468
6.525-6.875GHz	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	18.43	0.06966
802.11be EHT40_Nss1,(MCS0)_1TX	21.45	0.13964
802.11be EHT80_Nss1,(MCS0)_1TX	24.31	0.26977
802.11be EHT160_Nss1,(MCS0)_1TX	24.96	0.31333
802.11be EHT320_Nss1,(MCS0)_1TX	24.26	0.26669
6.875-7.125GHz	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	18.37	0.06871
802.11be EHT40_Nss1,(MCS0)_1TX	21.45	0.13964
802.11be EHT80_Nss1,(MCS0)_1TX	24.30	0.26915
802.11be EHT160_Nss1,(MCS0)_1TX	24.46	0.27925
802.11be EHT320_Nss1,(MCS0)_1TX	24.00	0.25119

**Result**

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-
5955MHz	Pass	18.45	30.00
6195MHz	Pass	18.15	30.00
6415MHz	Pass	18.00	30.00
6435MHz	Pass	18.82	30.00
6475MHz	Pass	18.15	30.00
6515MHz	Pass	18.01	30.00
6535MHz	Pass	18.07	30.00
6695MHz	Pass	18.43	30.00
6875MHz	Pass	18.24	30.00
6895MHz	Pass	18.14	30.00
6995MHz	Pass	18.37	30.00
7095MHz	Pass	17.37	30.00
7115MHz	Pass	9.25	30.00
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-
5965MHz	Pass	20.33	30.00
6205MHz	Pass	21.10	30.00
6405MHz	Pass	21.52	30.00
6445MHz	Pass	21.50	30.00
6485MHz	Pass	21.15	30.00
6525MHz	Pass	21.05	30.00
6565MHz	Pass	21.45	30.00
6685MHz	Pass	21.18	30.00
6885MHz	Pass	21.15	30.00
6925MHz	Pass	21.35	30.00
7005MHz	Pass	21.45	30.00
7085MHz	Pass	21.36	30.00
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-
5985MHz	Pass	23.71	30.00
6225MHz	Pass	21.55	30.00
6385MHz	Pass	22.54	30.00
6465MHz	Pass	23.20	30.00
6545MHz	Pass	23.67	30.00
6625MHz	Pass	23.75	30.00
6705MHz	Pass	24.31	30.00
6785MHz	Pass	24.09	30.00
6865MHz	Pass	24.06	30.00
6945MHz	Pass	24.16	30.00
7025MHz	Pass	24.30	30.00
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-
6025MHz	Pass	23.81	30.00
6185MHz	Pass	22.37	30.00
6345MHz	Pass	22.33	30.00
6505MHz	Pass	23.72	30.00
6665MHz	Pass	24.47	30.00
6825MHz	Pass	24.96	30.00
6985MHz	Pass	24.46	30.00
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-
6105MHz	Pass	23.08	30.00
6265MHz	Pass	21.43	30.00
6425MHz	Pass	23.63	30.00
6585MHz	Pass	24.06	30.00
6745MHz	Pass	24.26	30.00
6905MHz	Pass	24.00	30.00

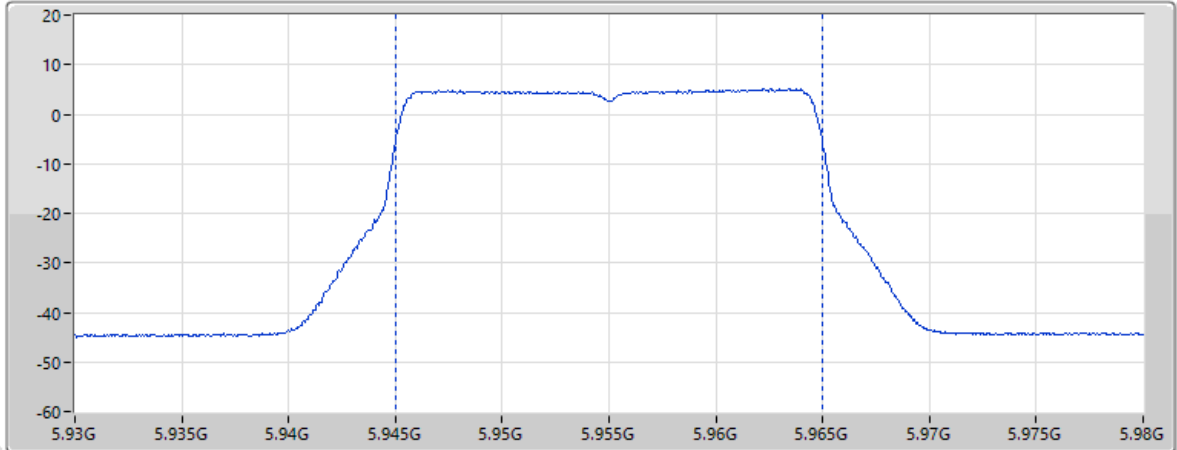


DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



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

CF Freq
5.955GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
20MHz



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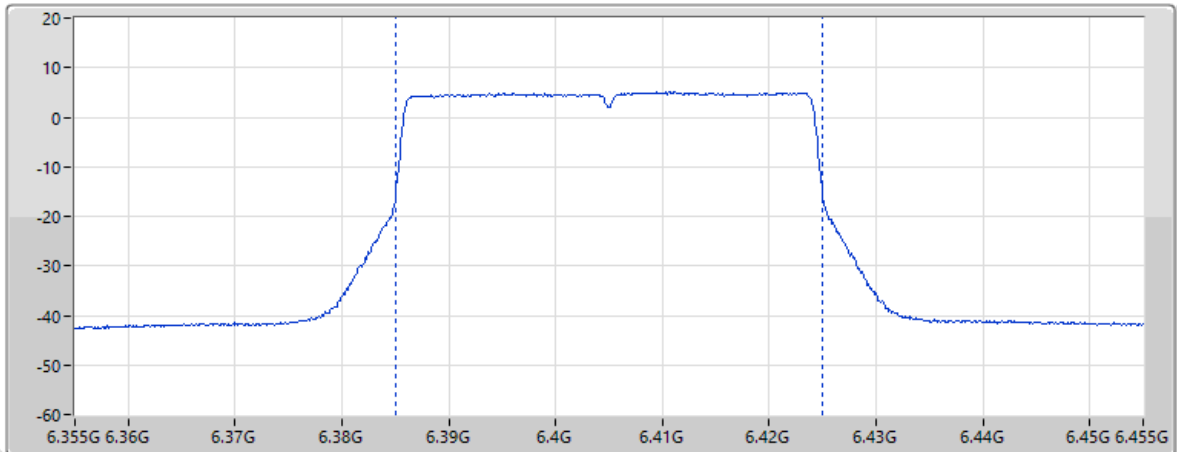
EIRP (dBm)
18.45

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
4.72	11.21	5.22	37.82	57.54

EIRP;Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:6405MHz;TX

CF Freq
6.405GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
40MHz



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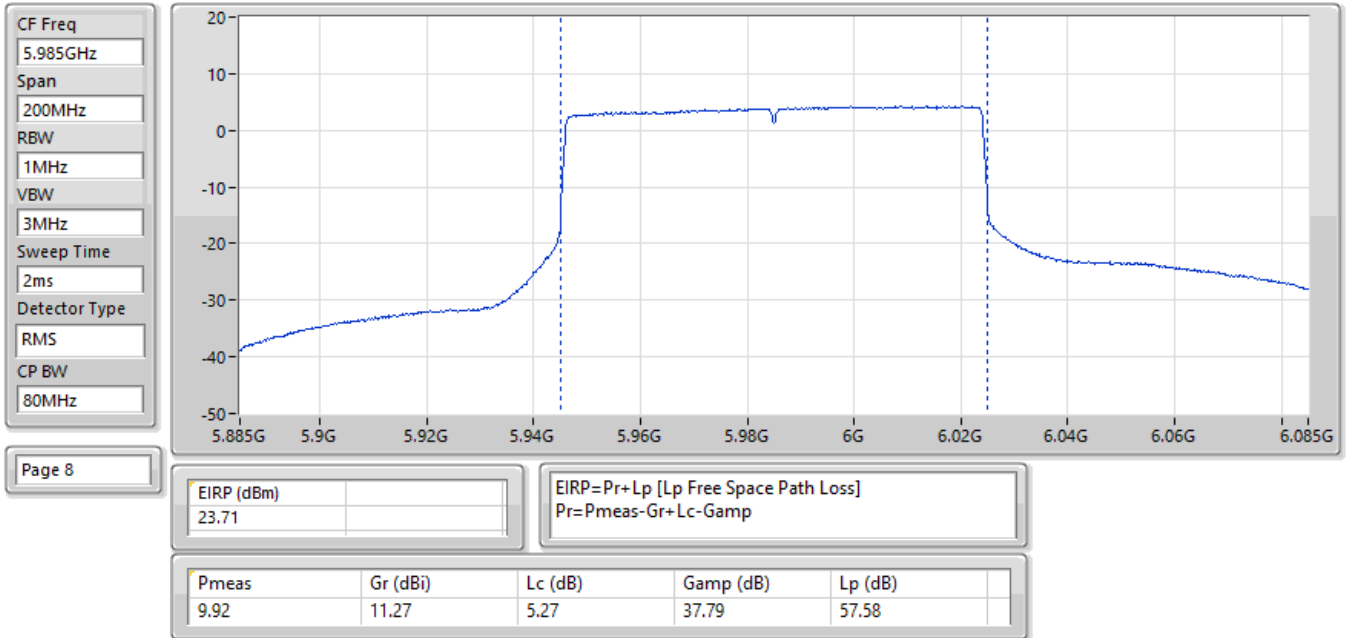
EIRP (dBm)
21.52

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

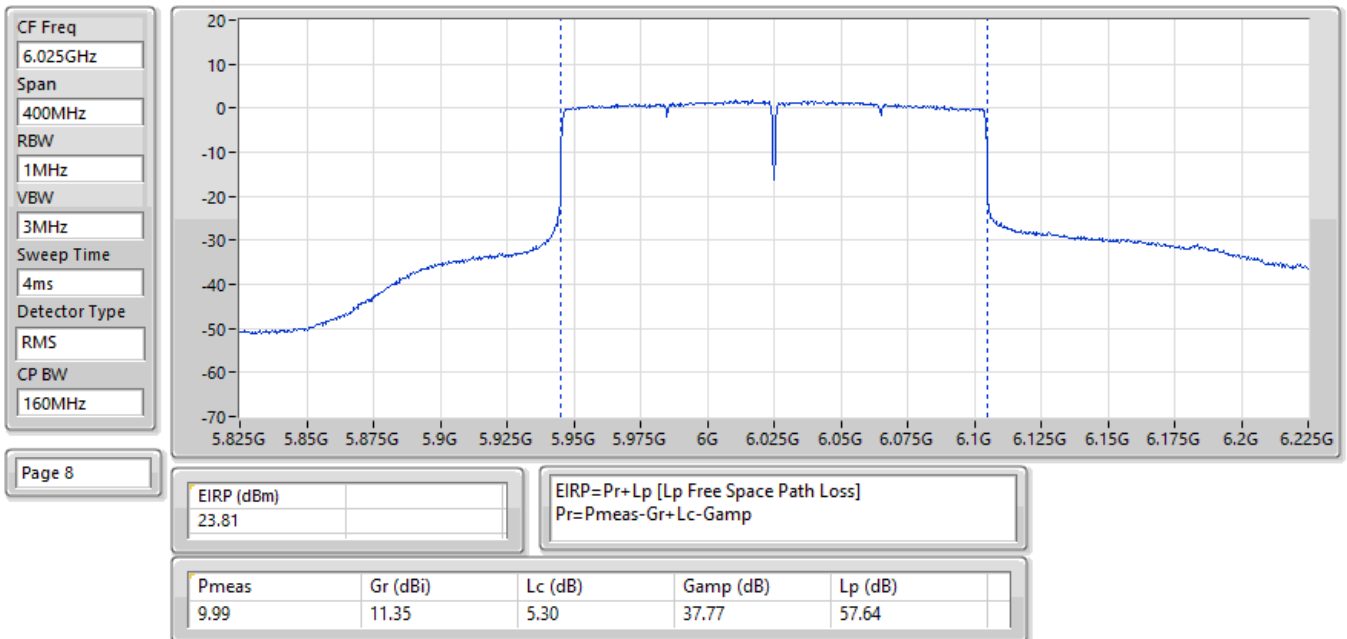
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
6.51	11.19	5.57	37.54	58.17



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

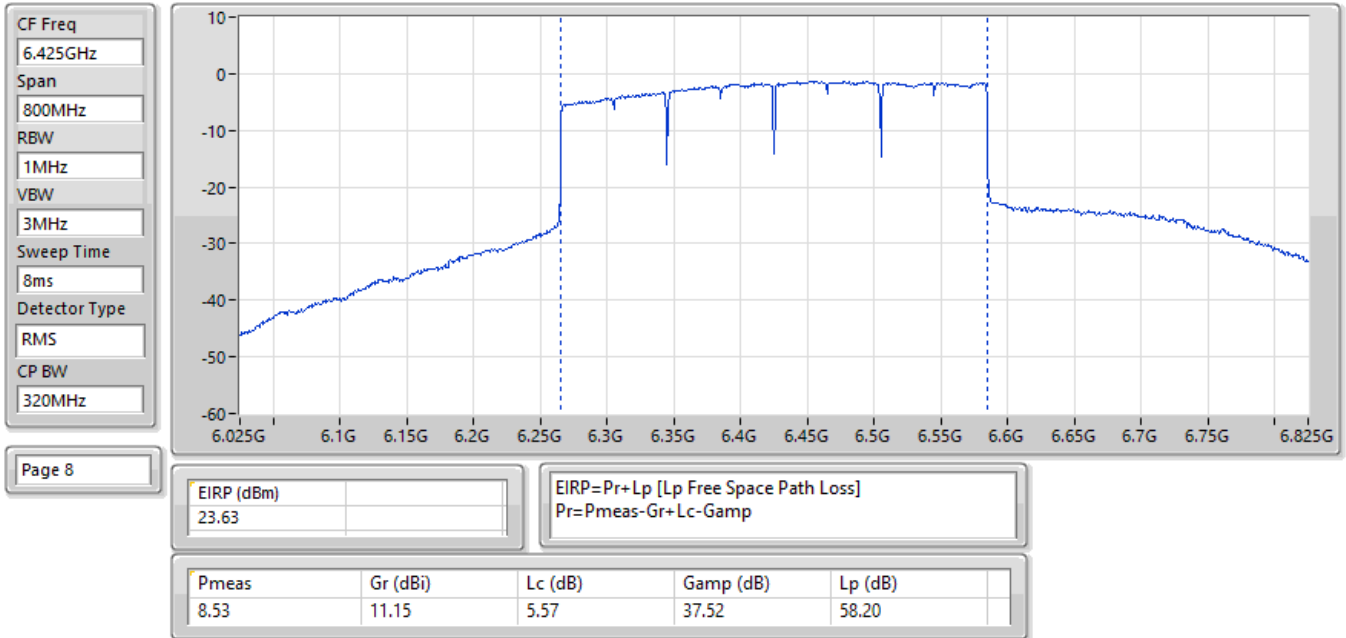


EIRP;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:1;Ch:6025MHz;TX

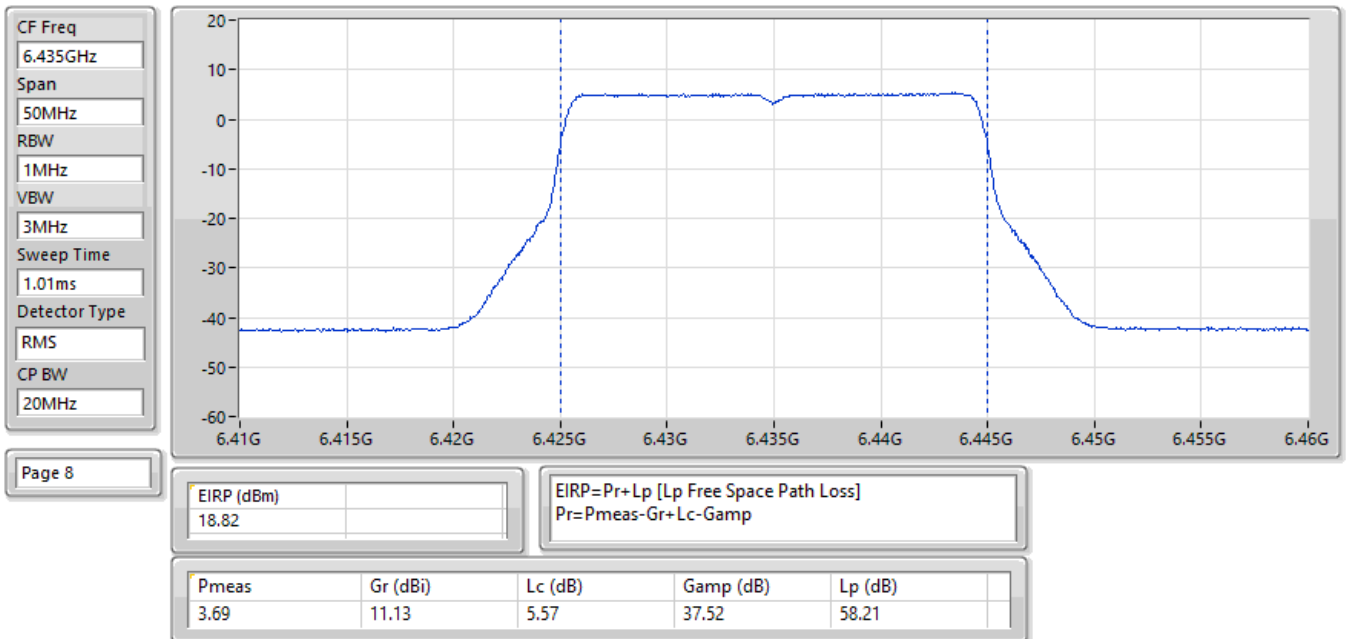




EIRP;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0);Nant:1;Ch:6425MHz;TX

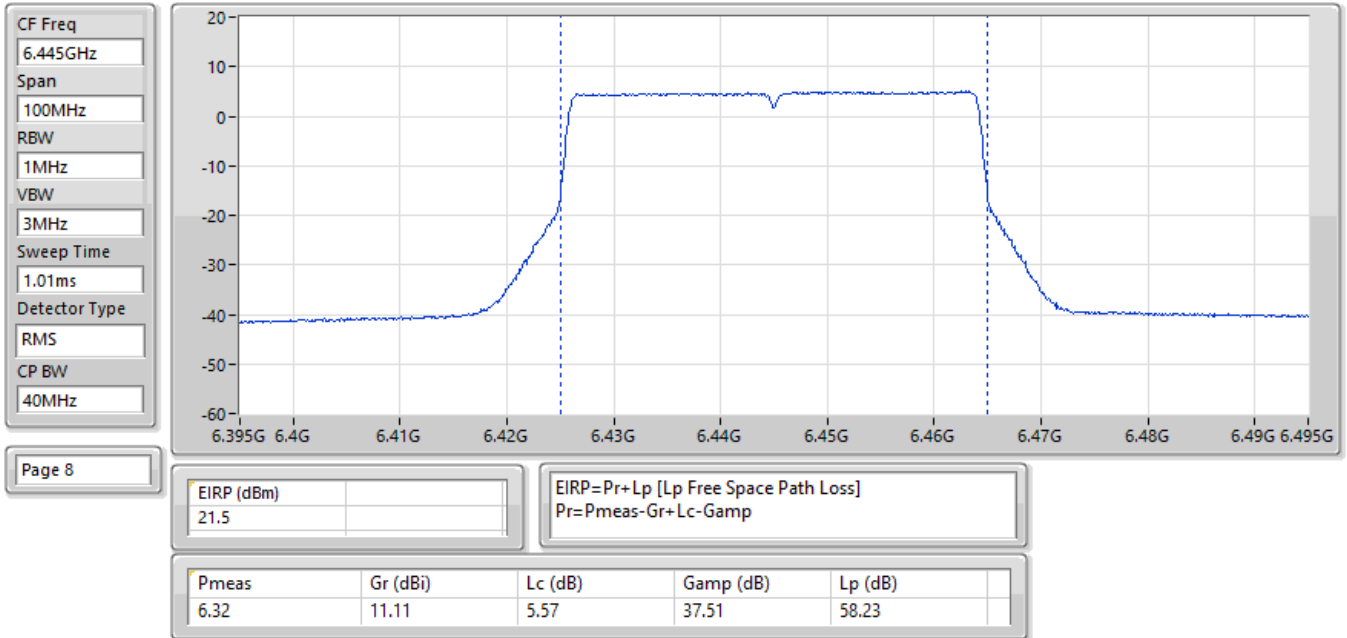


EIRP;Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:6435MHz;TX

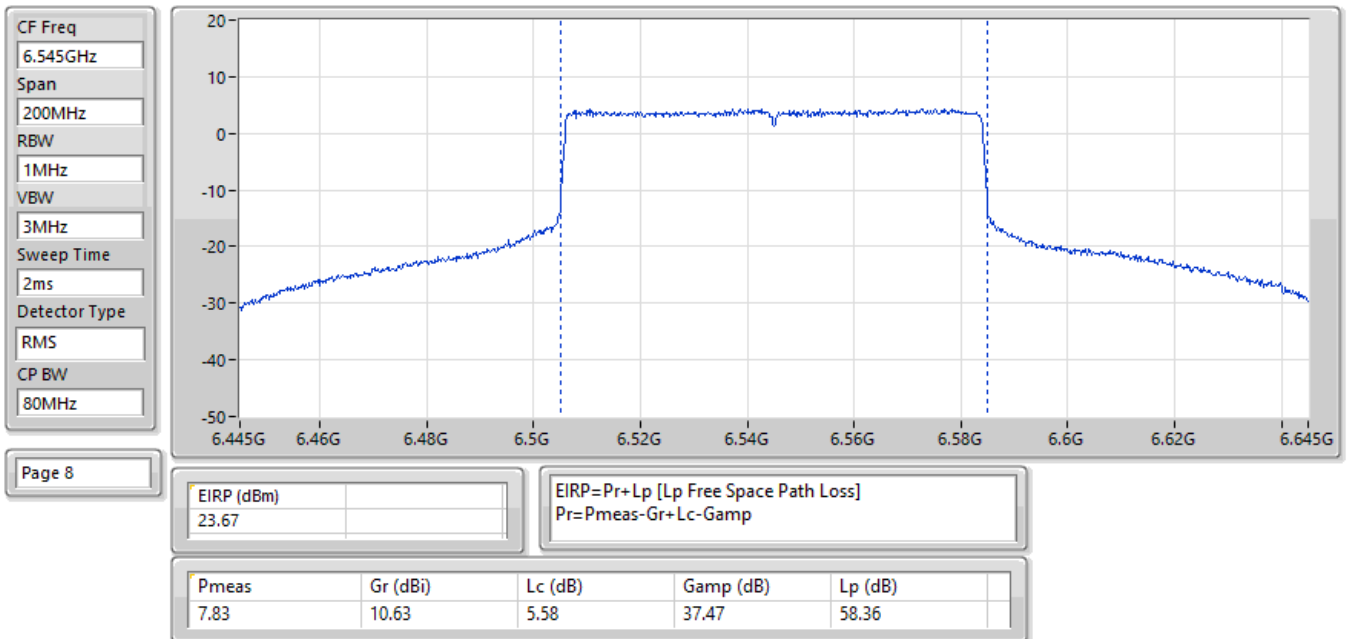




EIRP:Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:6445MHz;TX

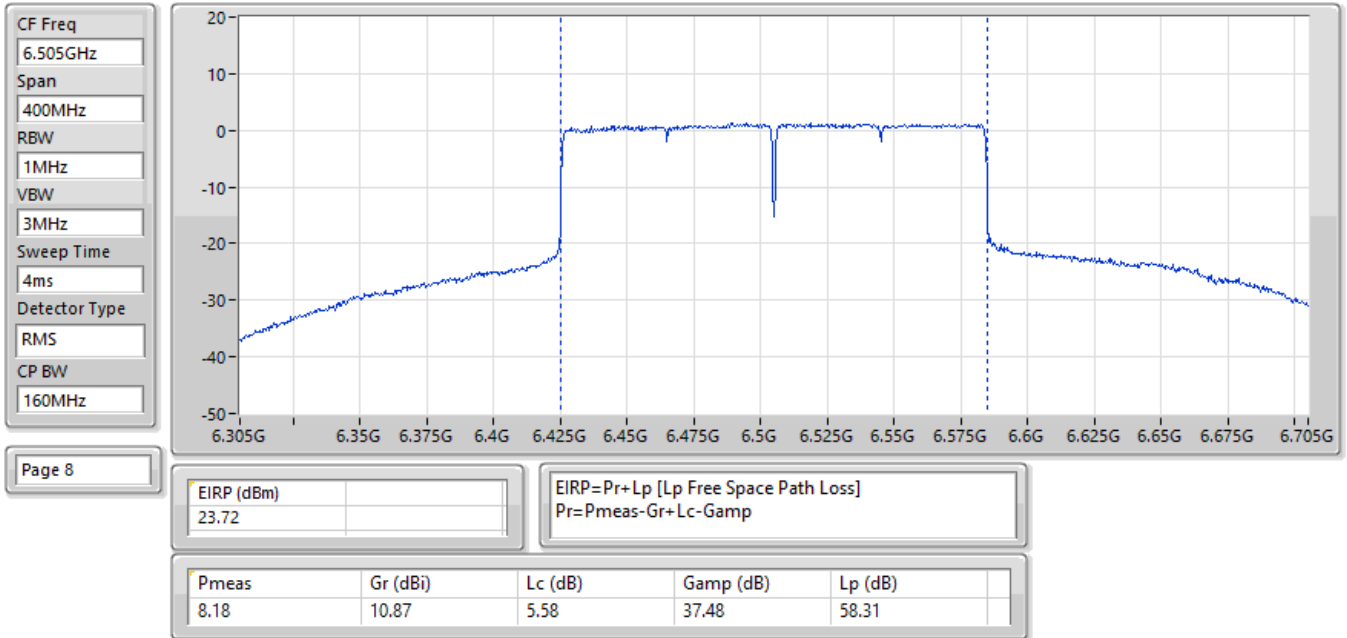


EIRP:Band:6.4G;be80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:6545MHz;TX

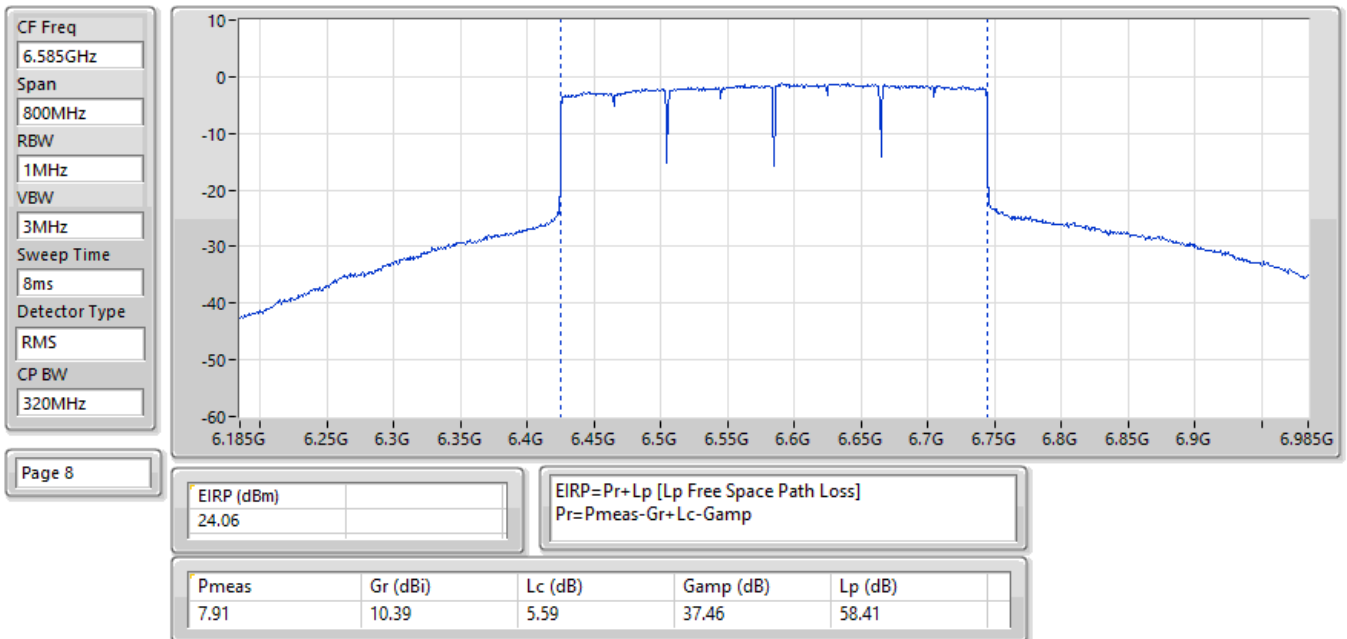




EIRP;Band:6.4G;be160;BWch:160MHz;Nss:1,(M0);Nant:1;Ch:6505MHz;TX

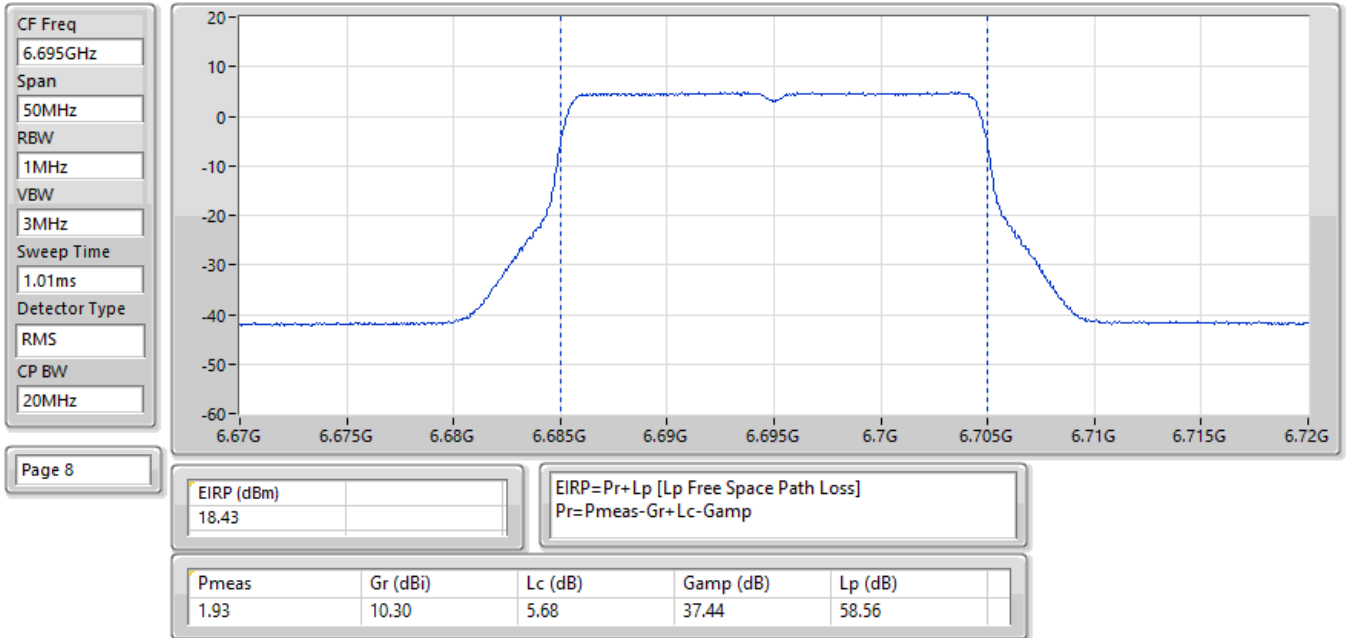


EIRP;Band:6.4G;be320;BWch:320MHz;Nss:1,(M0);Nant:1;Ch:6585MHz;TX

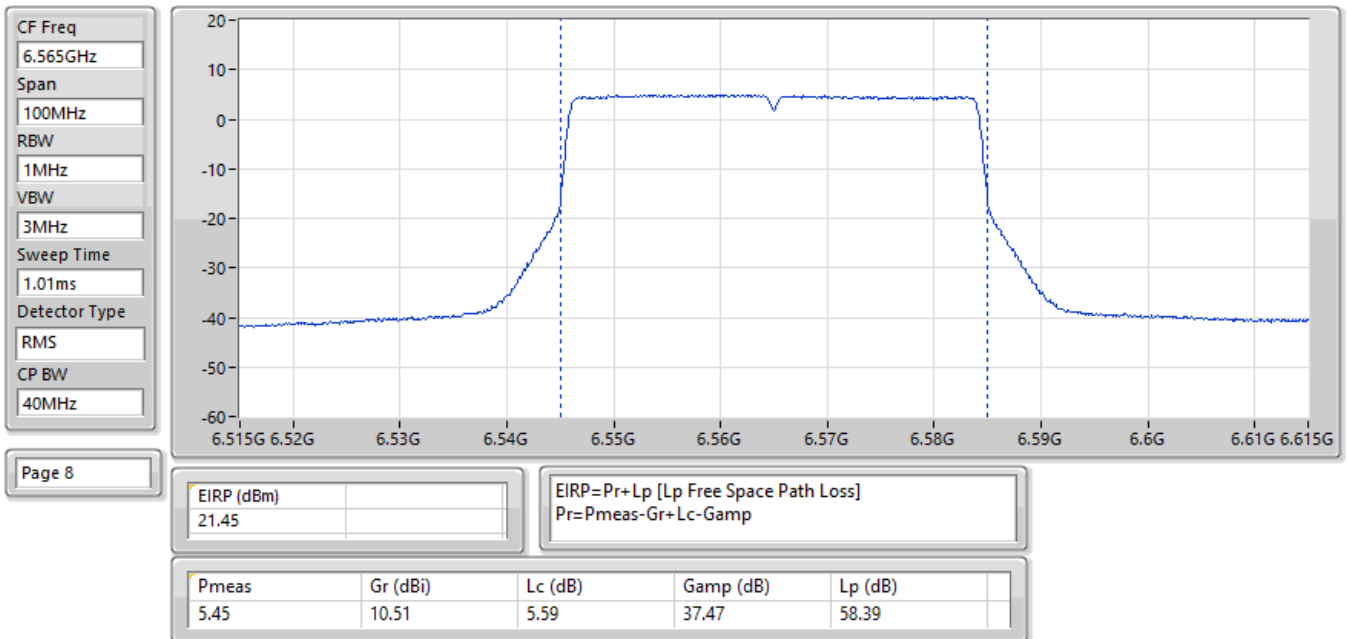




EIRP:Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:6695MHz;TX

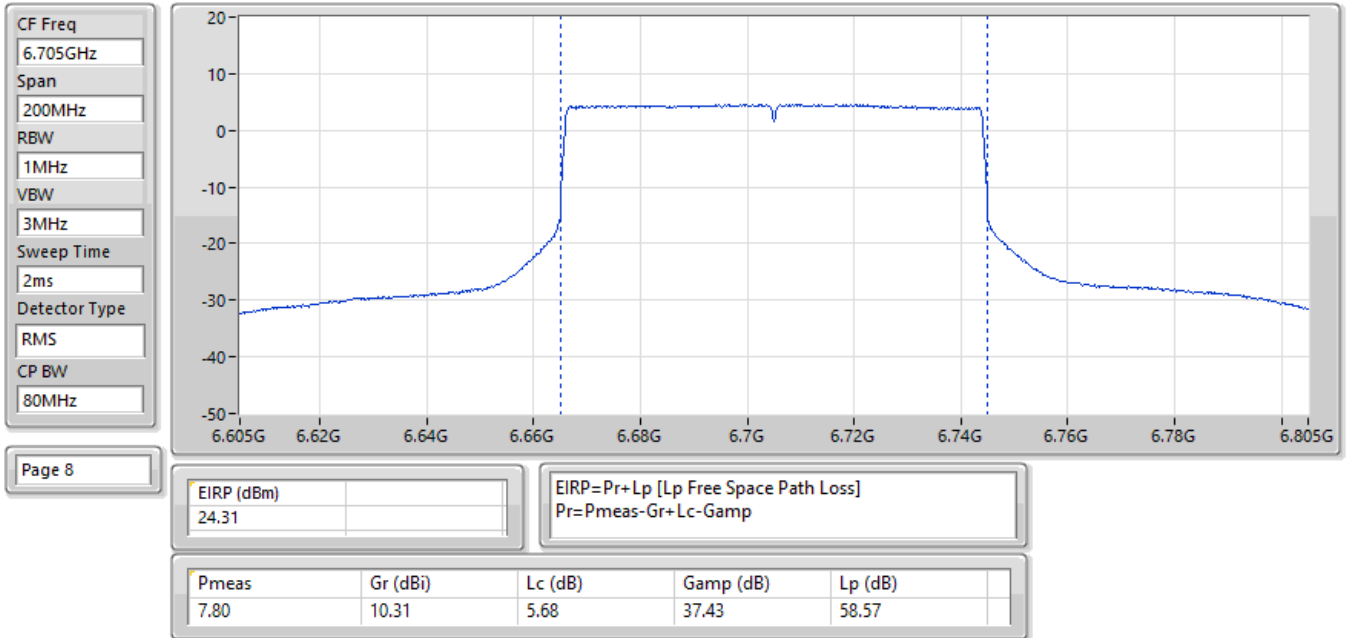


EIRP:Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:6565MHz;TX

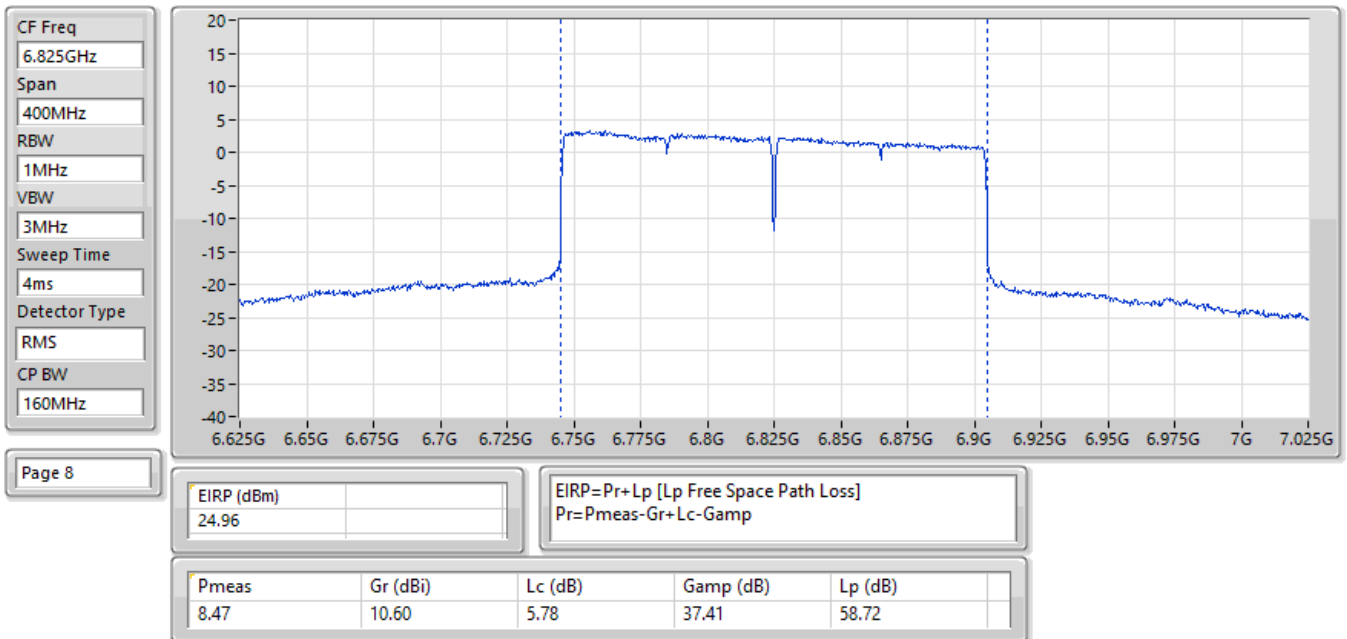




EIRP:Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:6705MHz;TX

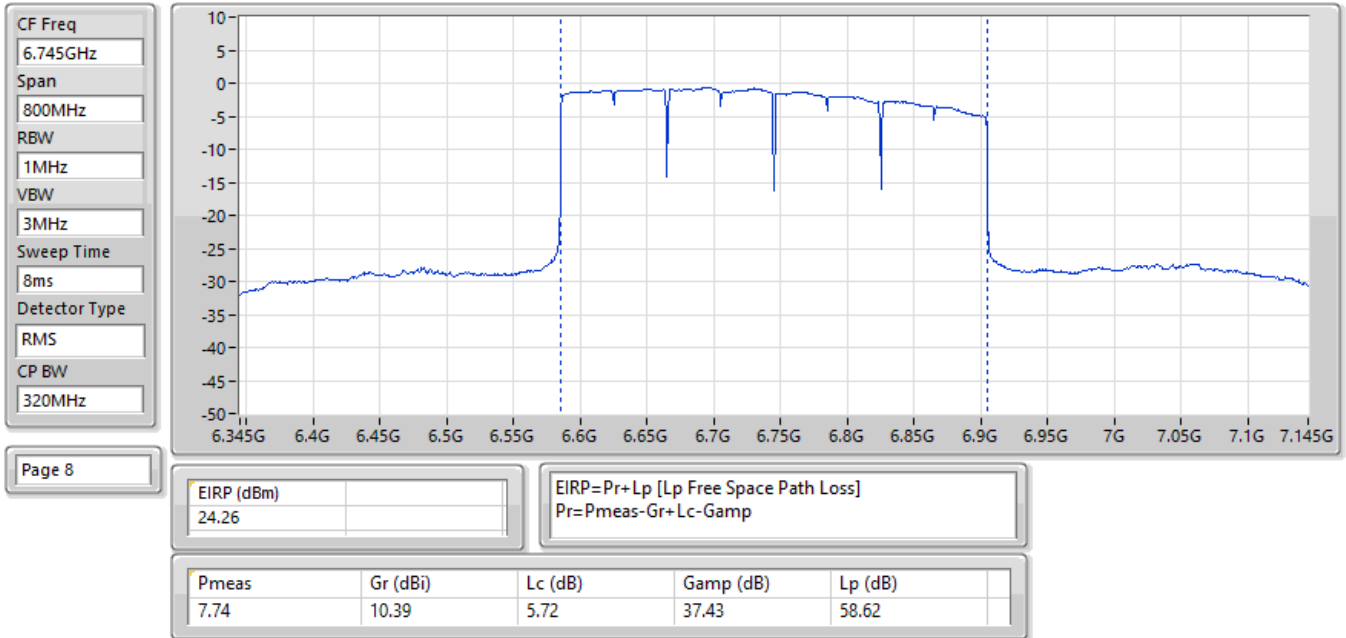


EIRP:Band:6.7G;be160;BWch:160MHz;Nss:1,(M0);Nant:1;Ch:6825MHz;TX

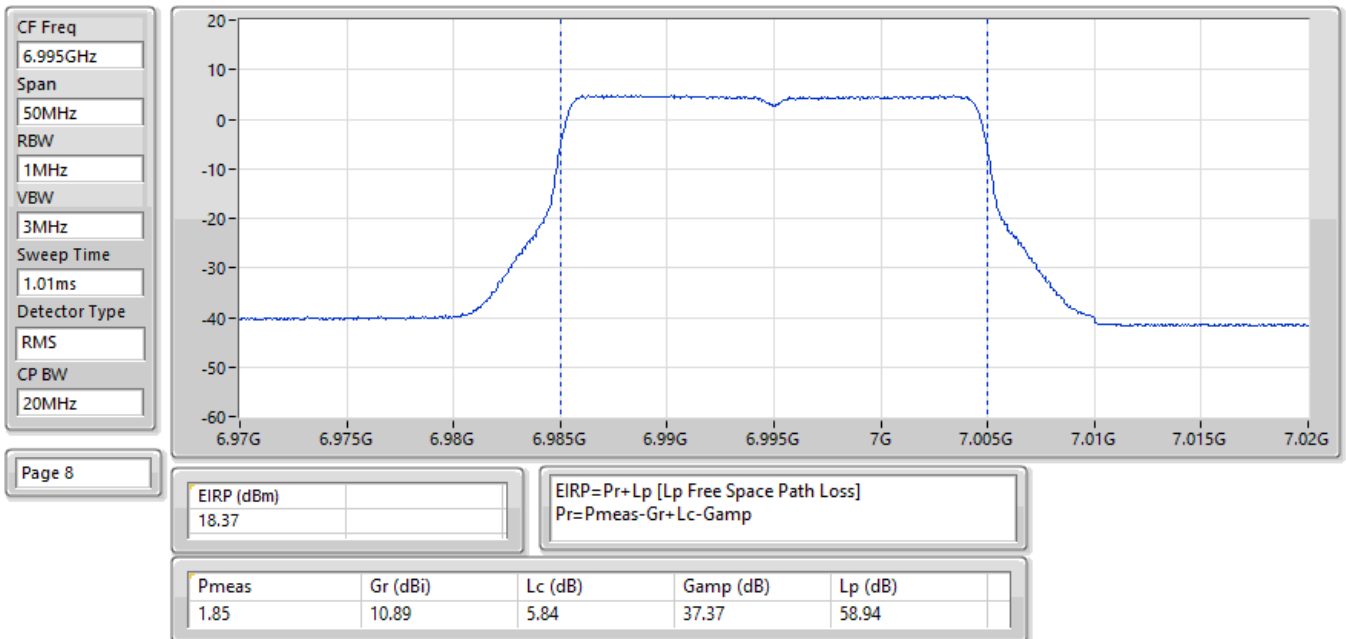




EIRP;Band:6.7G;be320;BWch:320MHz;Nss:1,(M0);Nant:1;Ch:6745MHz;TX

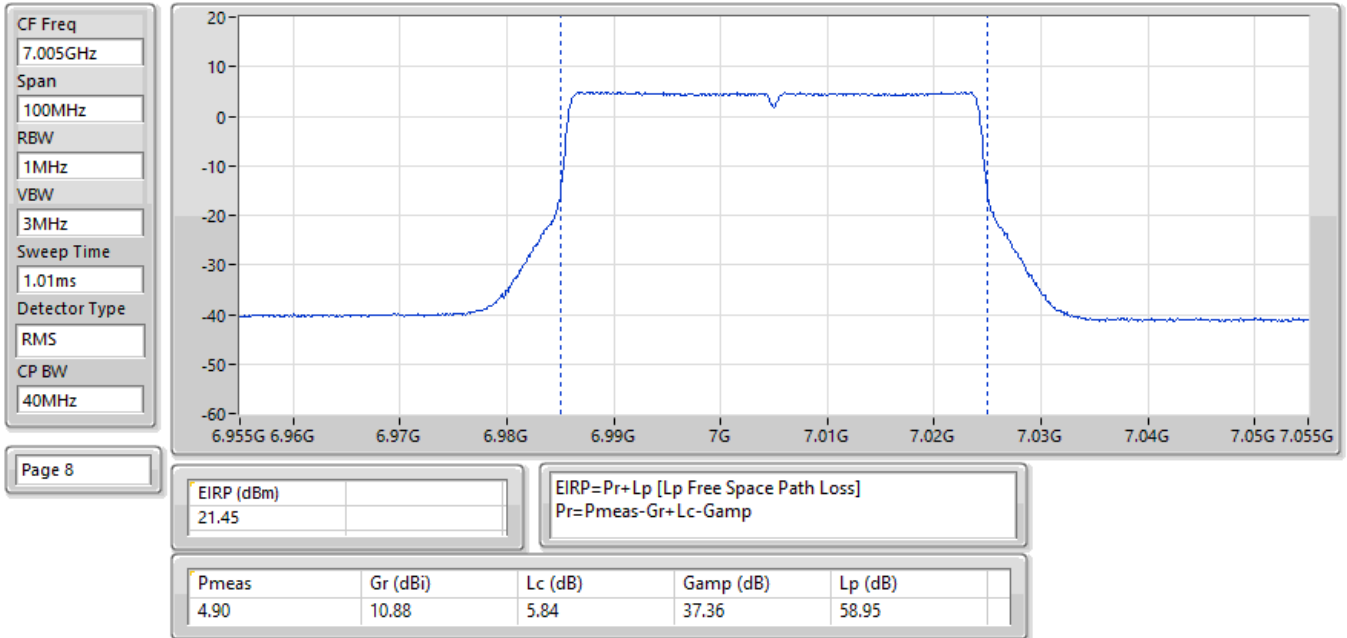


EIRP;Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:6995MHz;TX

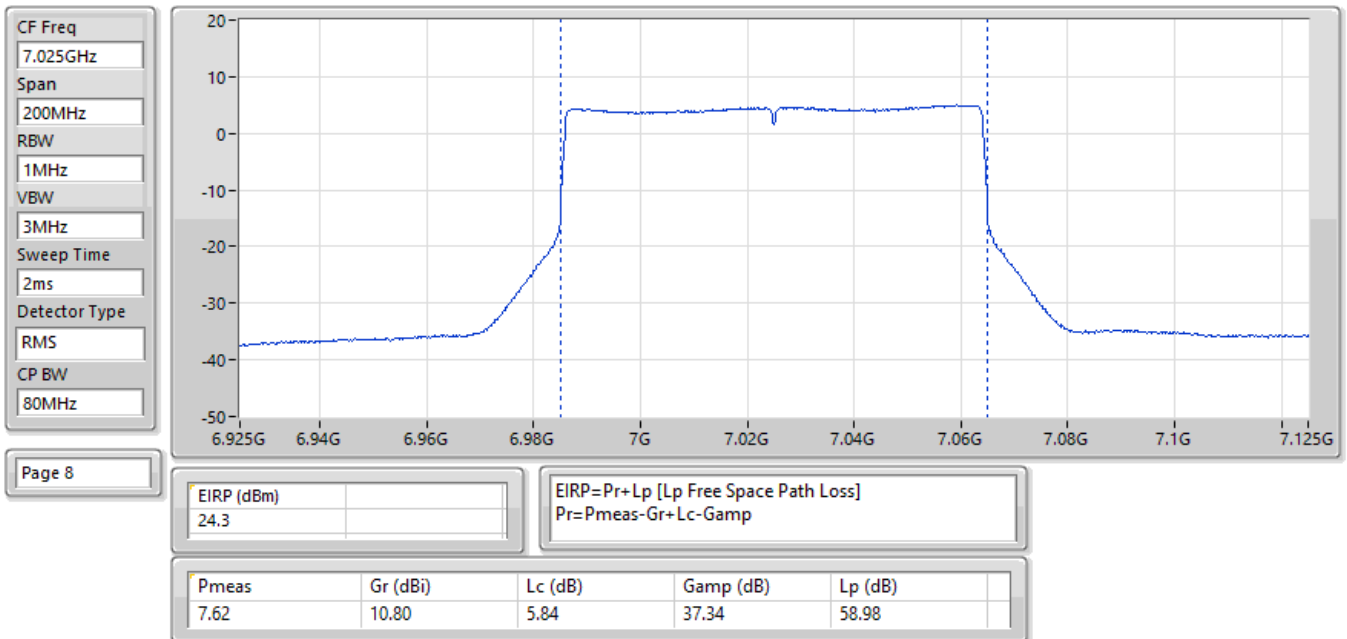




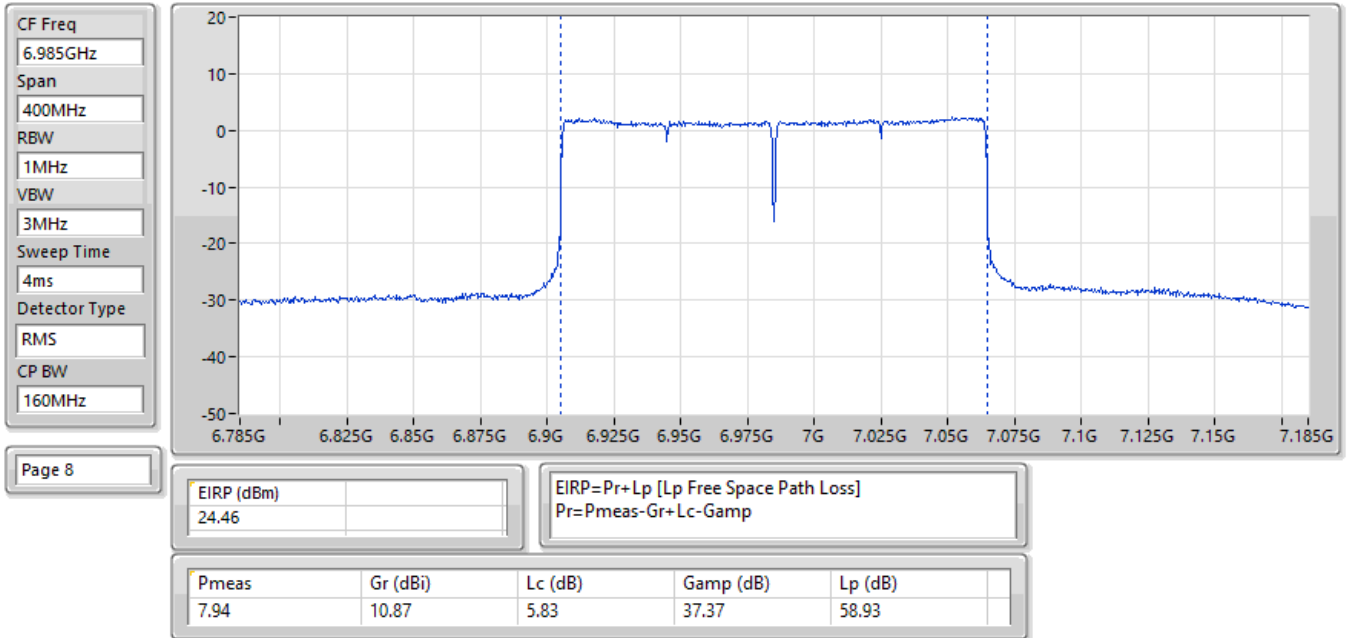
EIRP:Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:7005MHz;TX



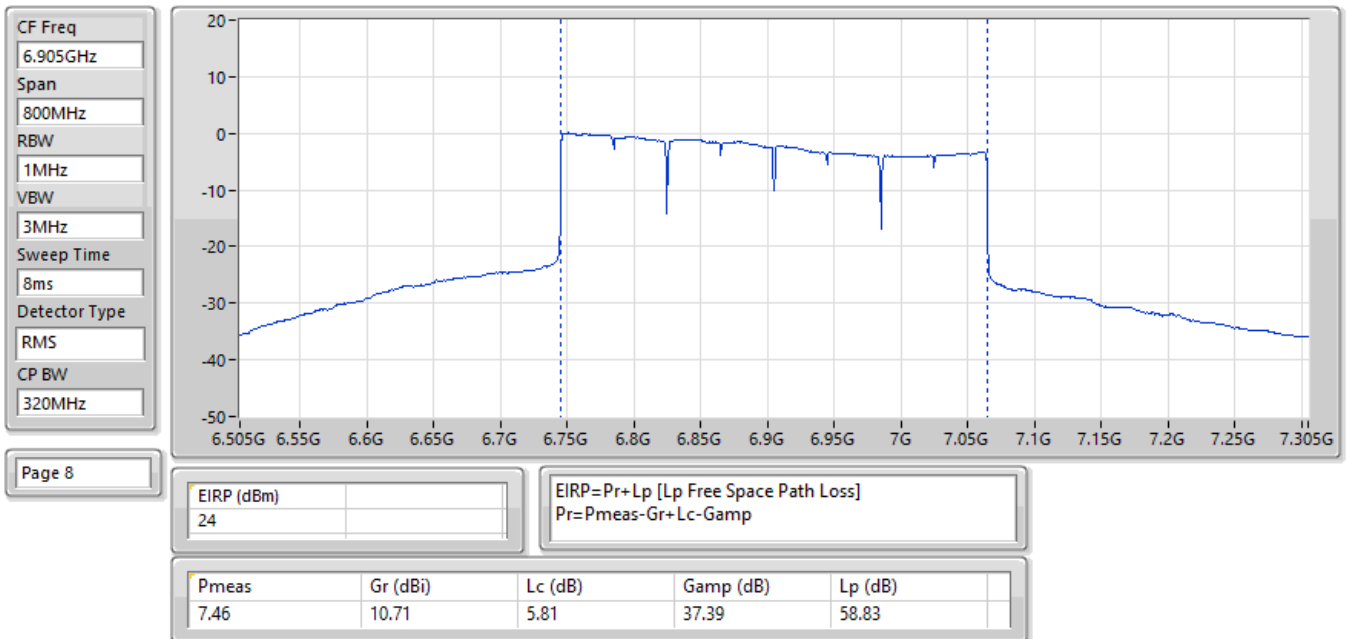
EIRP:Band:7.0G;be80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:7025MHz;TX



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



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



**Summary**

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	22.20	0.16596
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX	23.01	0.19999
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 4_1TX	22.41	0.17418
6.525-6.875GHz	-	-
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_1TX	22.44	0.17539
6.875-7.125GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	22.38	0.17298
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_1TX	23.39	0.21827

**Result**

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	-	-	-
5985MHz	Pass	22.20	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-	-	-
7025MHz	Pass	22.38	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX	-	-	-
6025MHz	Pass	23.01	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX	-	-	-
6025MHz	Pass	22.44	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_1TX	-	-	-
6985MHz	Pass	23.39	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX	-	-	-
6985MHz	Pass	22.56	30.00
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 2_1TX	-	-	-
6105MHz	Pass	22.01	30.00
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 4_1TX	-	-	-
6105MHz	Pass	22.41	30.00
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 6_1TX	-	-	-
6105MHz	Pass	20.96	30.00
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 5_1TX	-	-	-
6905MHz	Pass	21.24	30.00
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_1TX	-	-	-
6905MHz	Pass	22.44	30.00
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 10_1TX	-	-	-
6905MHz	Pass	20.77	30.00

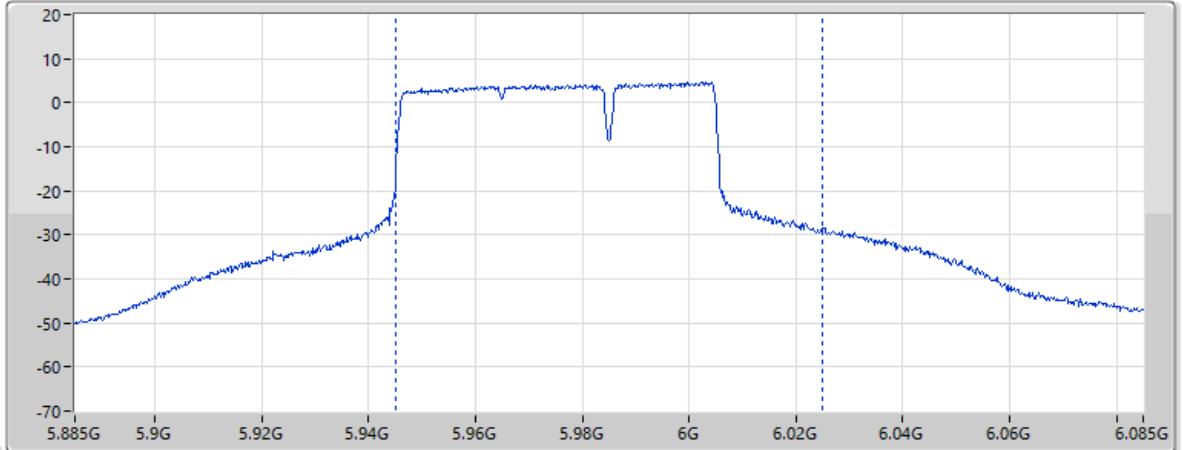
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



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EIRP;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 CP 4;Nant:1(1);Ch:5985MHz;TX

CF Freq
5.985GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2ms
Detector Type
RMS
CP BW
80MHz



Page 7

EIRP (dBm)
22.2

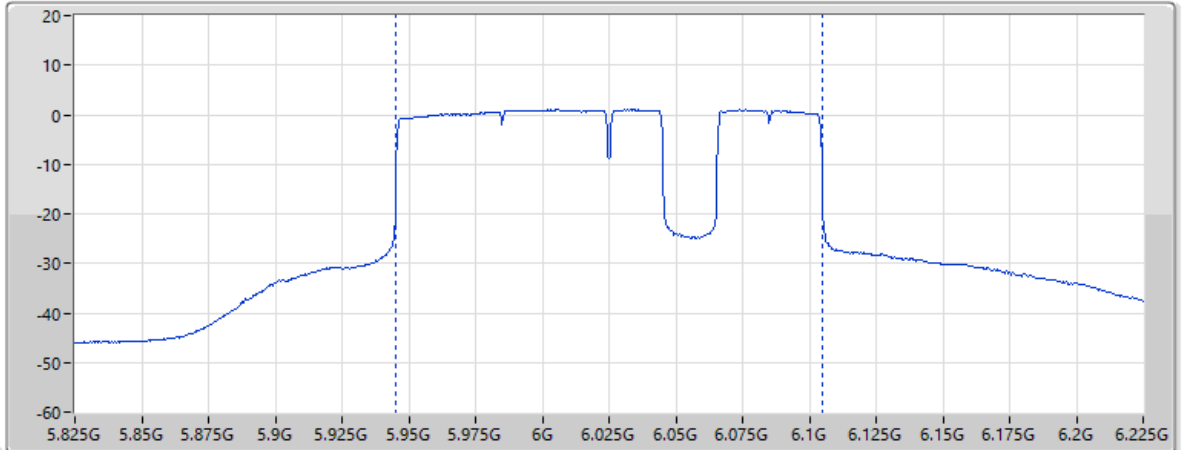
EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
8.41	11.27	5.27	37.79	57.58

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EIRP;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484+RU242 CP 6;Nant:1(1);Ch:6025MHz;TX

CF Freq
6.025GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4ms
Detector Type
RMS
CP BW
160MHz



Page 7

EIRP (dBm)
23.01

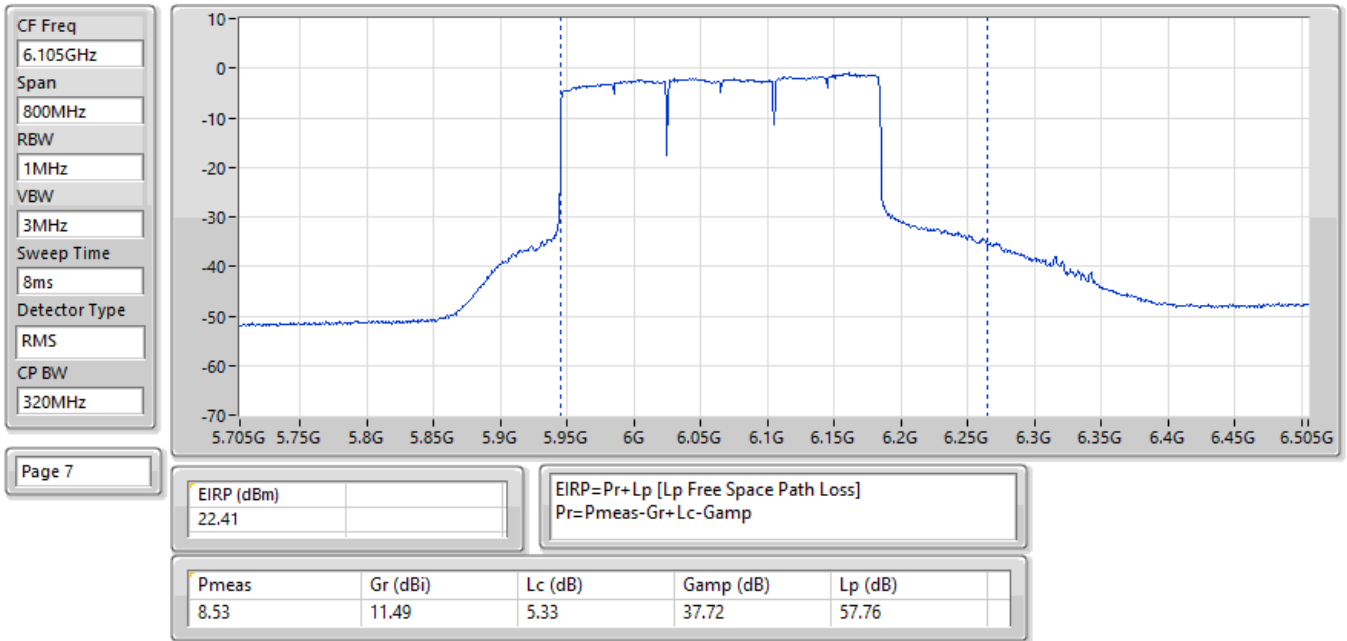
EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
9.19	11.35	5.30	37.77	57.64



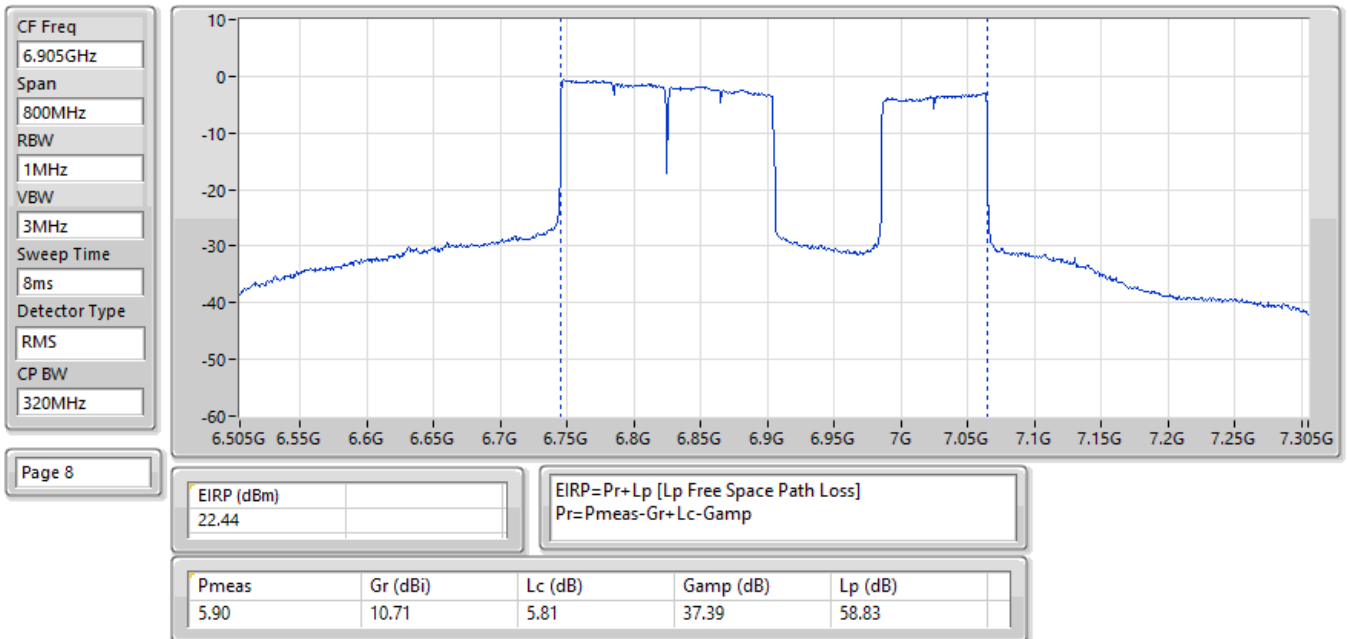
24/12/2024

EIRP;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0),3xRU996 CP 4;Nant:1(1);Ch:6105MHz;TX



24/12/2024

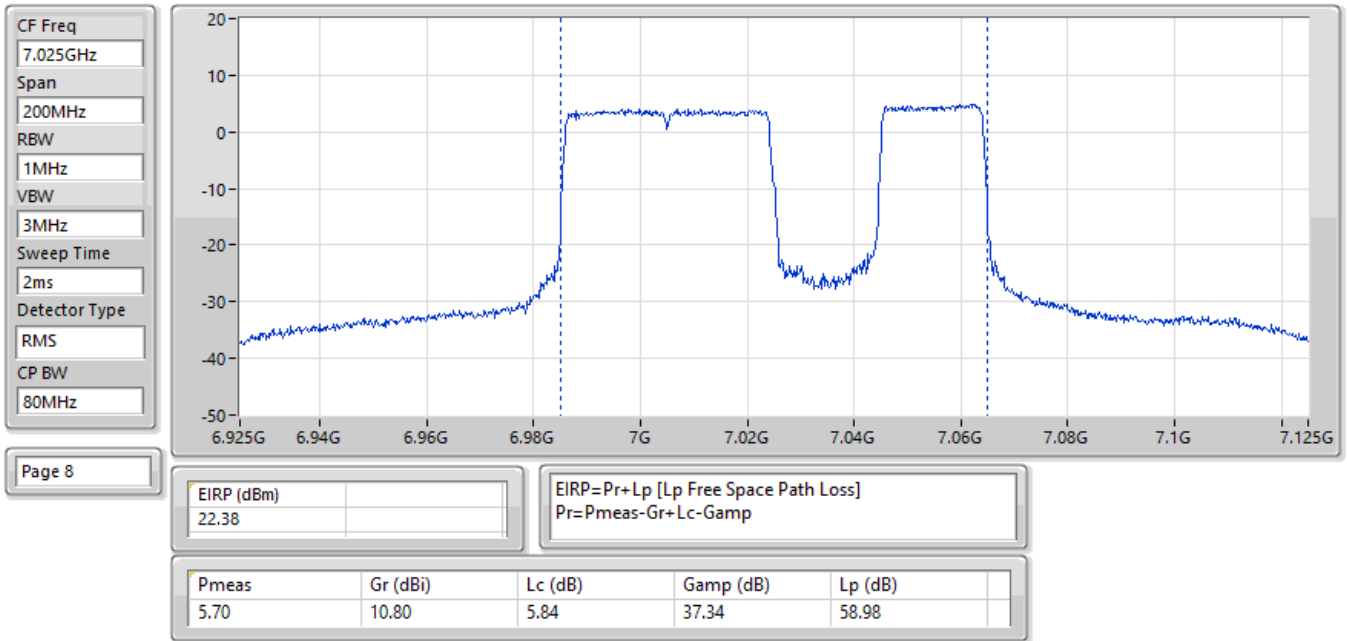
EIRP;Band:6.7G;be320;BWch:320MHz;Nss:1,(M0),3xRU996 CP 3;Nant:1(1);Ch:6905MHz;TX





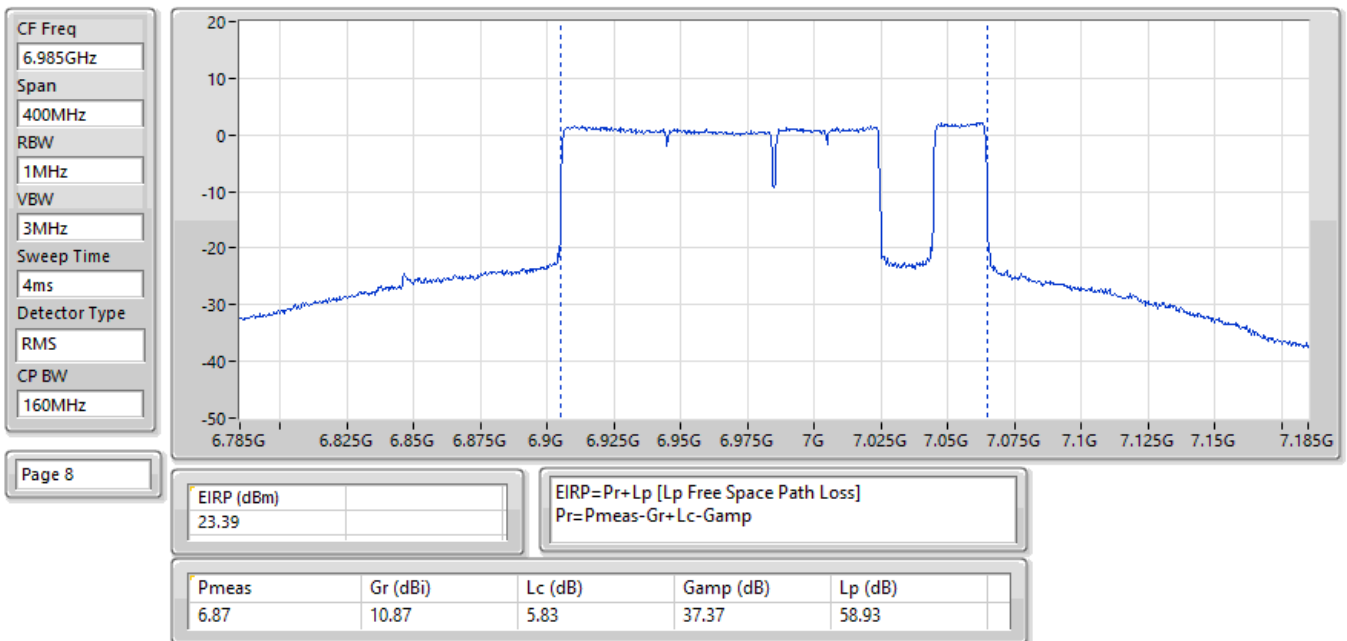
24/12/2024

EIRP;Band:7.0G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 CP 3;Nant:1(1);Ch:7025MHz;TX



24/12/2024

EIRP;Band:7.0G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484+RU242 CP 7;Nant:1(1);Ch:6985MHz;TX



**Summary**

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	16.10	0.04074
802.11be EHT40_Nss1,(MCS0)_2TX	18.55	0.07161
802.11be EHT80_Nss1,(MCS0)_2TX	21.78	0.15066
802.11be EHT160_Nss1,(MCS0)_2TX	24.76	0.29923
802.11be EHT320_Nss1,(MCS0)_2TX	26.09	0.40644
6.425-6.525GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	16.32	0.04285
802.11be EHT40_Nss1,(MCS0)_2TX	18.56	0.07178
802.11be EHT80_Nss1,(MCS0)_2TX	21.50	0.14125
802.11be EHT160_Nss1,(MCS0)_2TX	24.26	0.26669
802.11be EHT320_Nss1,(MCS0)_2TX	26.12	0.40926
6.525-6.875GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	16.15	0.04121
802.11be EHT40_Nss1,(MCS0)_2TX	18.51	0.07096
802.11be EHT80_Nss1,(MCS0)_2TX	22.05	0.16032
802.11be EHT160_Nss1,(MCS0)_2TX	24.44	0.27797
802.11be EHT320_Nss1,(MCS0)_2TX	26.17	0.41400
6.875-7.125GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	15.87	0.03864
802.11be EHT40_Nss1,(MCS0)_2TX	18.27	0.06714
802.11be EHT80_Nss1,(MCS0)_2TX	21.66	0.14655
802.11be EHT160_Nss1,(MCS0)_2TX	24.08	0.25586
802.11be EHT320_Nss1,(MCS0)_2TX	25.70	0.37154

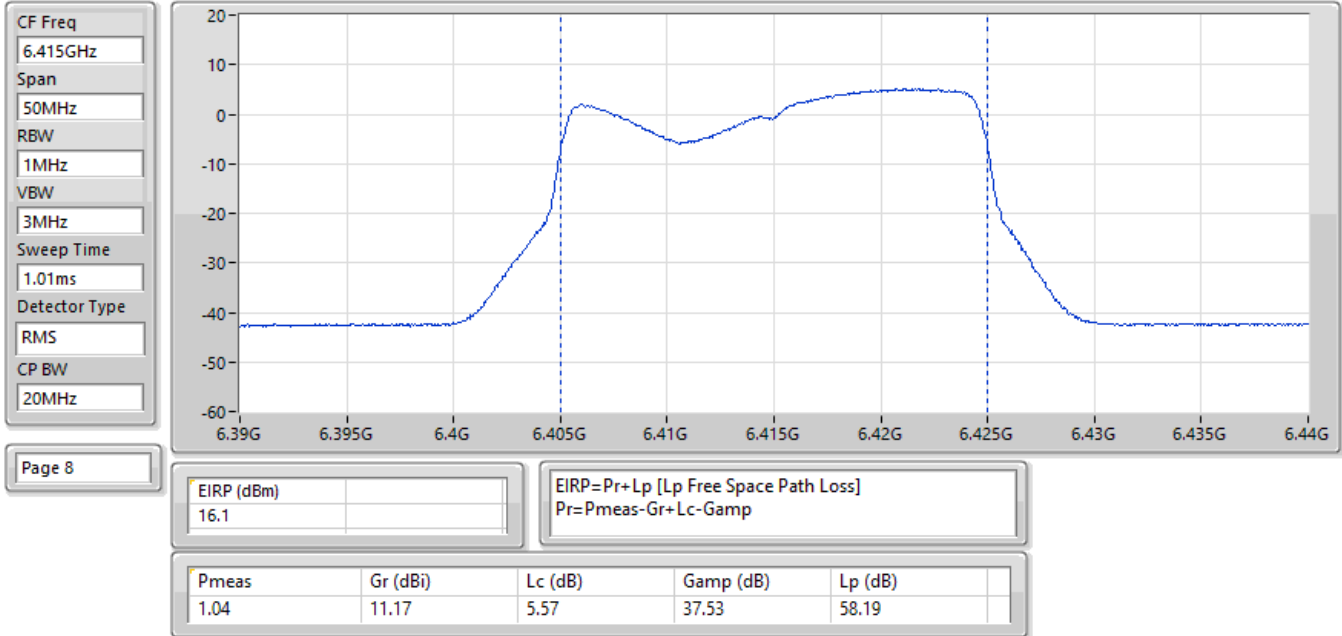
**Result**

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	15.94	30.00
6195MHz	Pass	15.96	30.00
6415MHz	Pass	16.10	30.00
6435MHz	Pass	16.32	30.00
6475MHz	Pass	15.92	30.00
6515MHz	Pass	15.58	30.00
6535MHz	Pass	16.15	30.00
6695MHz	Pass	15.81	30.00
6875MHz	Pass	15.88	30.00
6895MHz	Pass	15.65	30.00
6995MHz	Pass	15.78	30.00
7095MHz	Pass	15.87	30.00
7115MHz	Pass	11.34	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	18.24	30.00
6205MHz	Pass	18.37	30.00
6405MHz	Pass	18.55	30.00
6445MHz	Pass	18.47	30.00
6485MHz	Pass	18.56	30.00
6525MHz	Pass	18.24	30.00
6565MHz	Pass	18.23	30.00
6685MHz	Pass	18.51	30.00
6885MHz	Pass	18.43	30.00
6925MHz	Pass	18.22	30.00
7005MHz	Pass	18.27	30.00
7085MHz	Pass	18.18	30.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	21.01	30.00
6225MHz	Pass	21.78	30.00
6385MHz	Pass	21.18	30.00
6465MHz	Pass	21.15	30.00
6545MHz	Pass	21.50	30.00
6625MHz	Pass	21.21	30.00
6705MHz	Pass	22.05	30.00
6785MHz	Pass	21.30	30.00
6865MHz	Pass	21.38	30.00
6945MHz	Pass	21.24	30.00
7025MHz	Pass	21.66	30.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	24.15	30.00
6185MHz	Pass	24.76	30.00
6345MHz	Pass	23.88	30.00
6505MHz	Pass	24.26	30.00
6665MHz	Pass	24.44	30.00
6825MHz	Pass	24.17	30.00
6985MHz	Pass	24.08	30.00
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-
6105MHz	Pass	25.71	30.00
6265MHz	Pass	25.09	30.00
6425MHz	Pass	26.09	30.00
6585MHz	Pass	26.12	30.00
6745MHz	Pass	26.17	30.00
6905MHz	Pass	25.70	30.00

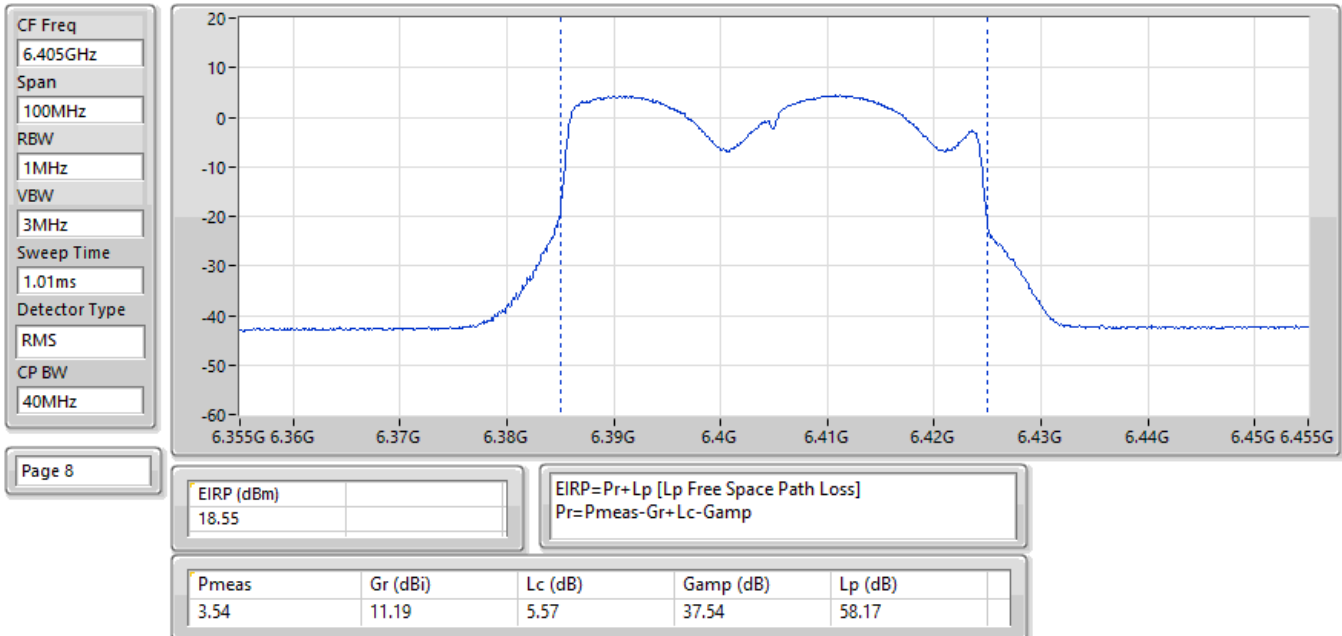
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



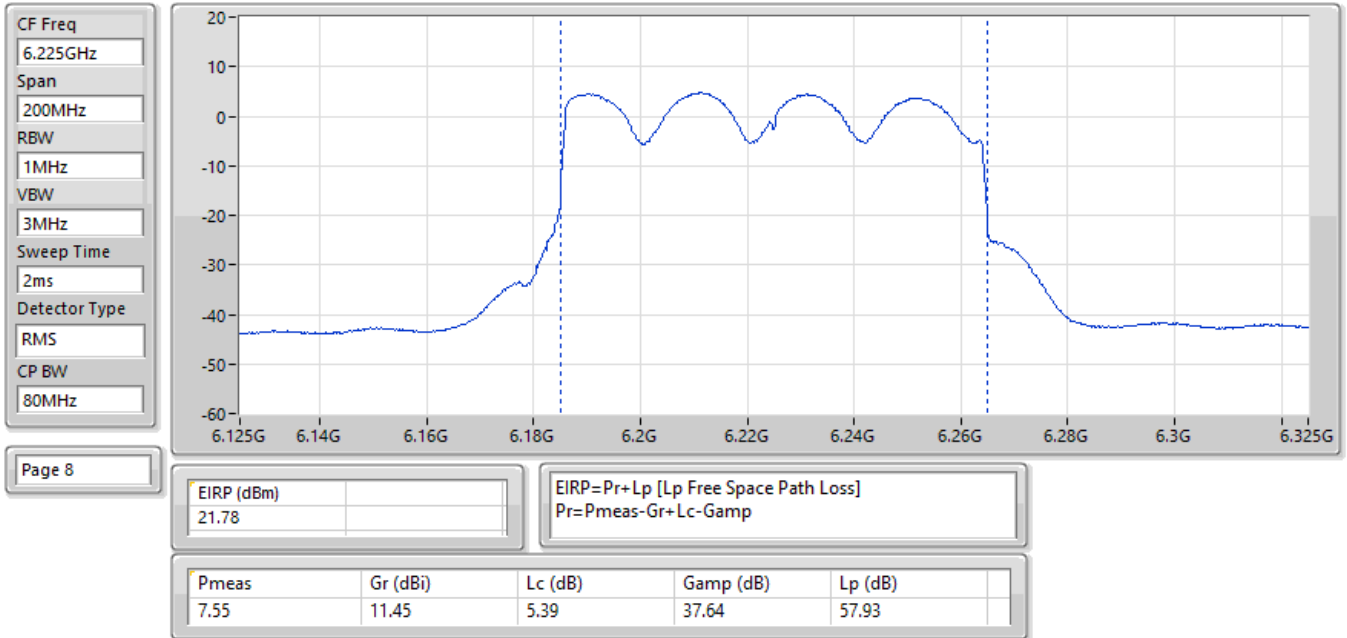
EIRP;Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6415MHz;TX



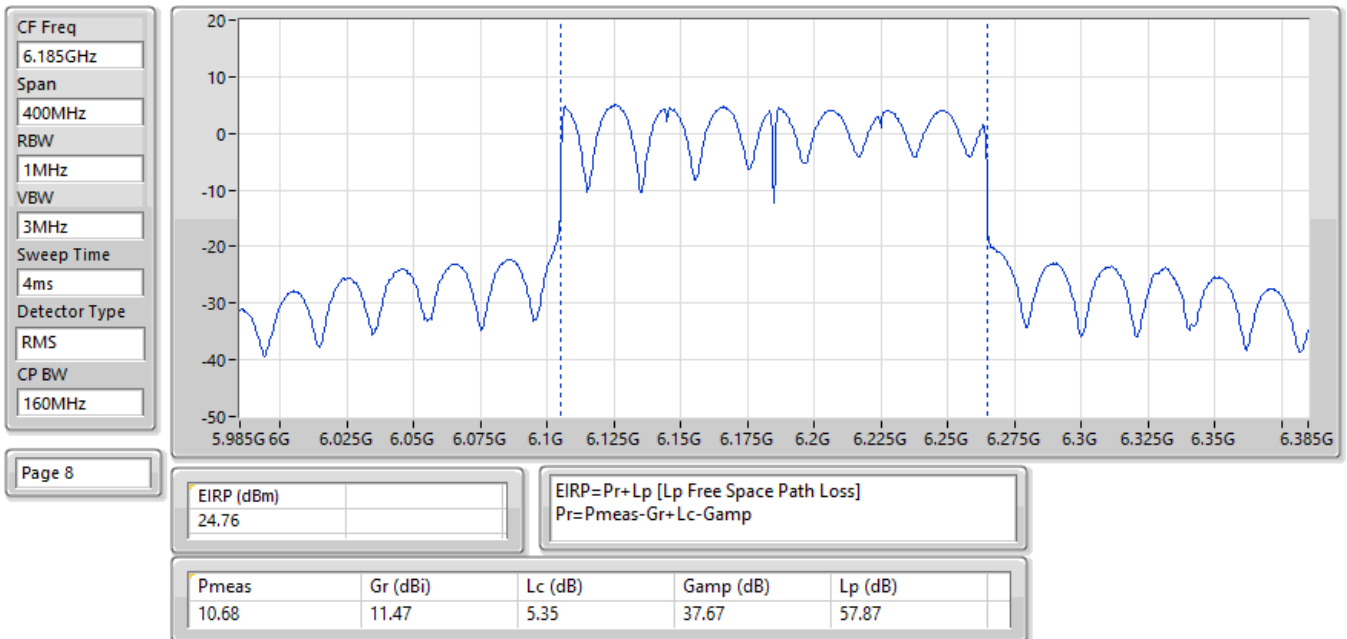
EIRP;Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6405MHz;TX



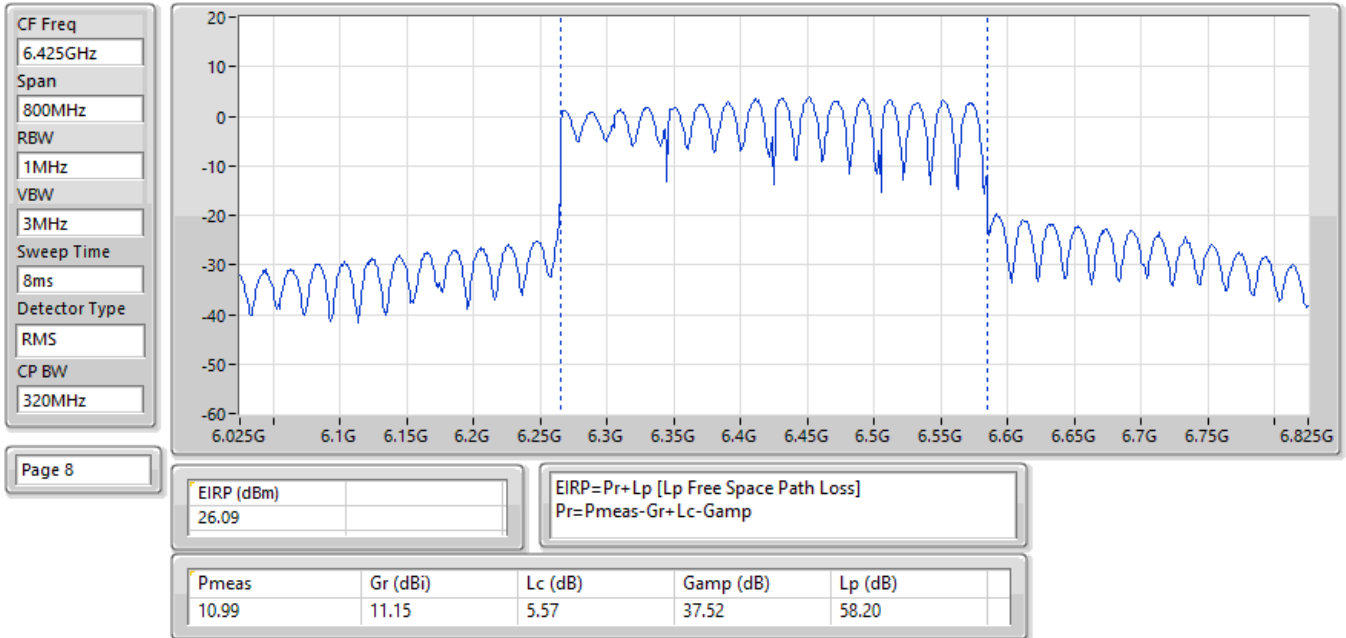
EIRP:Band:6.2G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6225MHz;TX



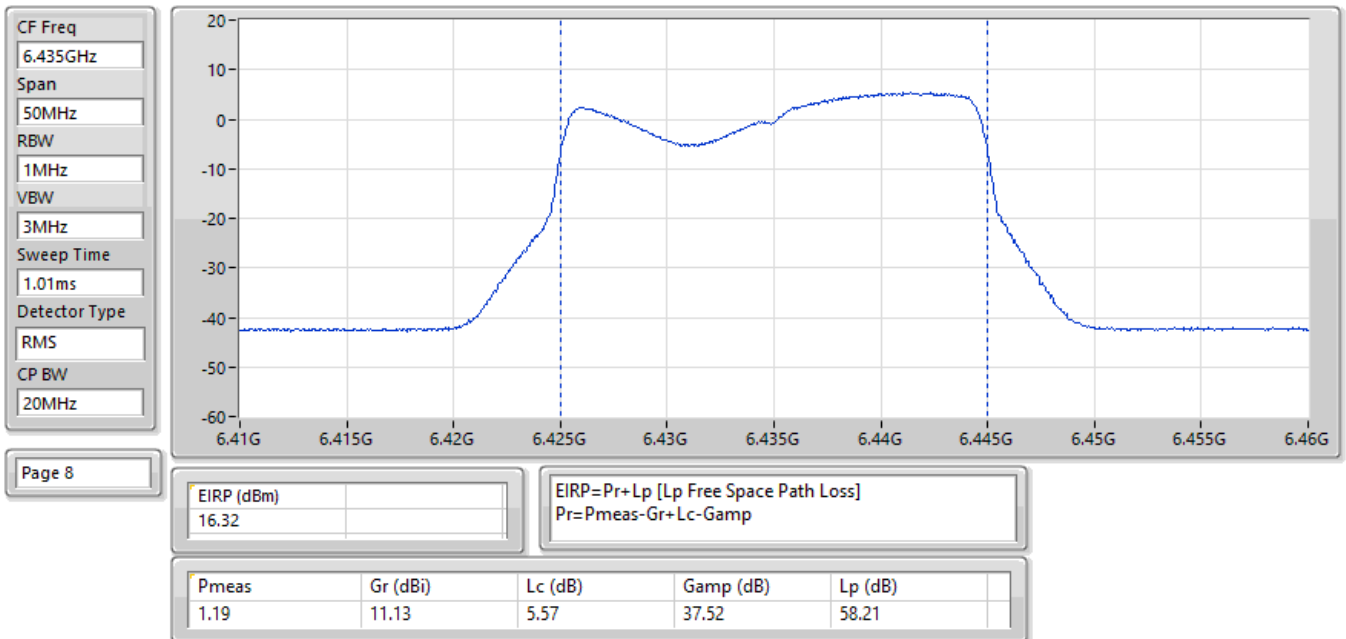
EIRP:Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6185MHz;TX



EIRP;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6425MHz;TX

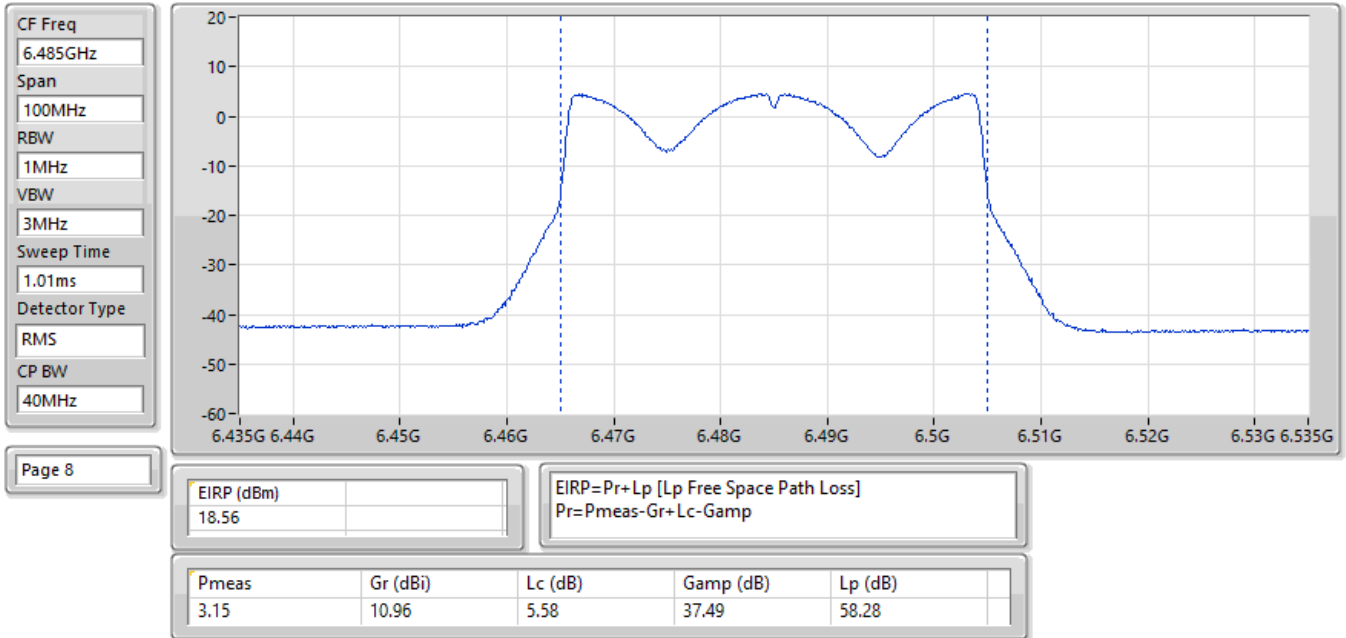


EIRP;Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6435MHz;TX

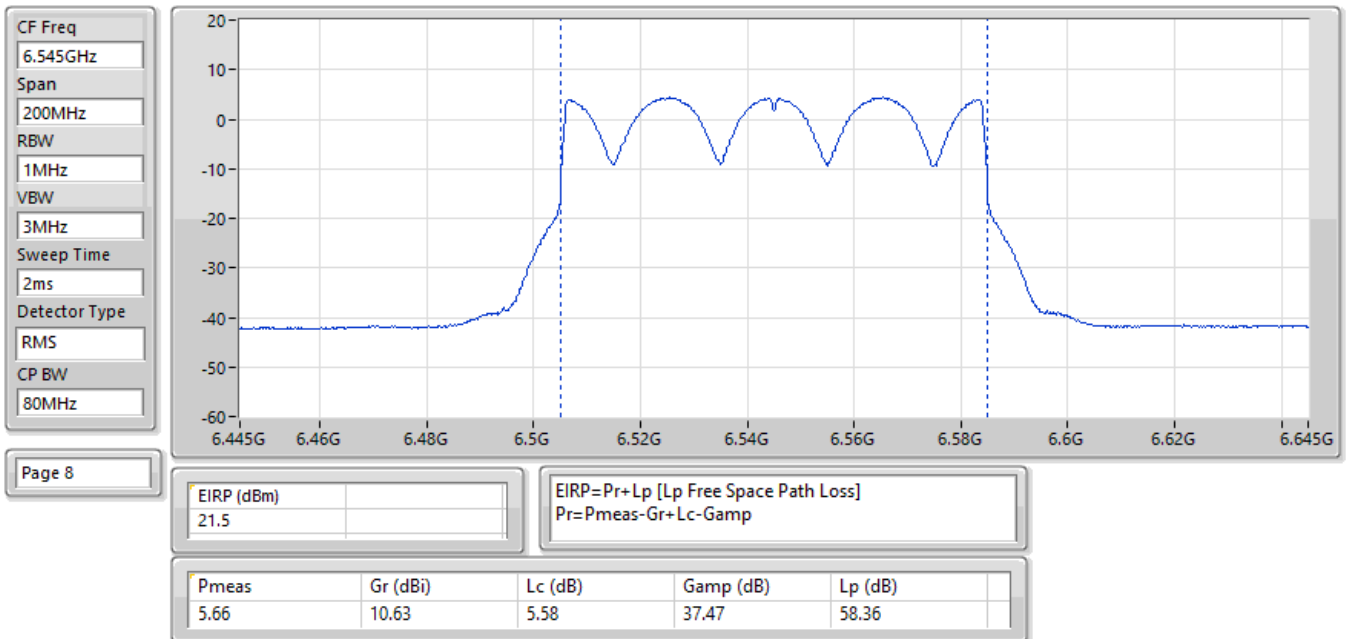




EIRP:Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6485MHz;TX

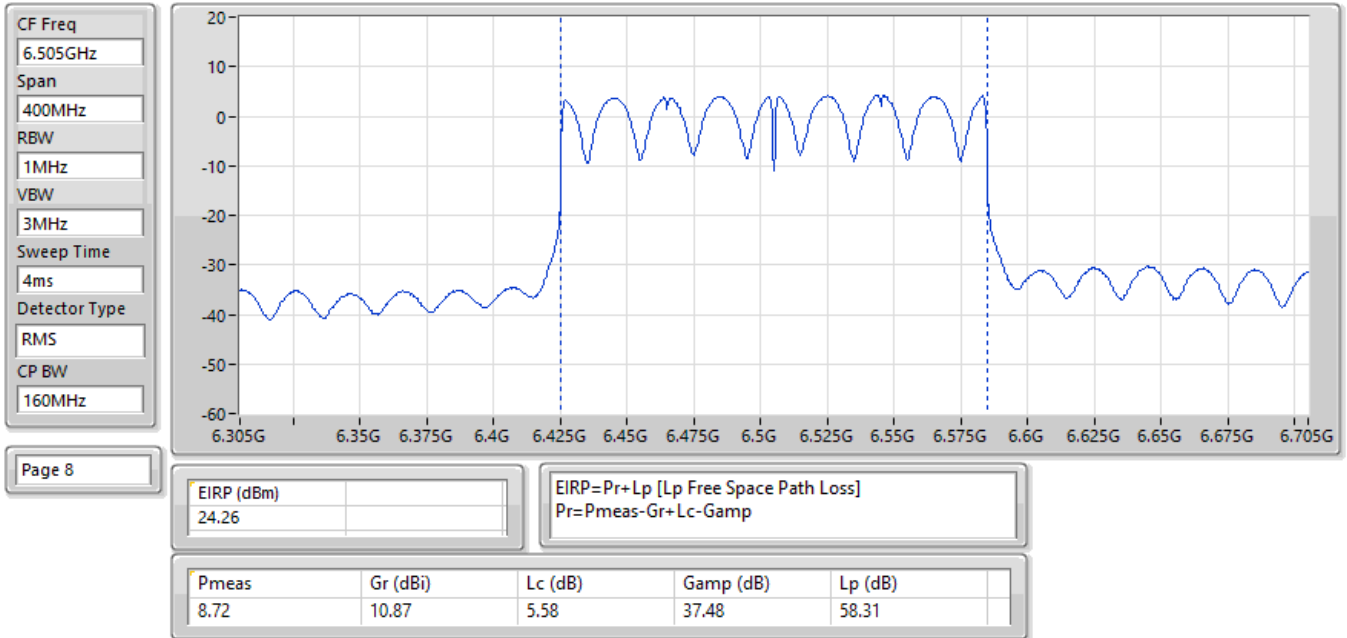


EIRP:Band:6.4G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6545MHz;TX

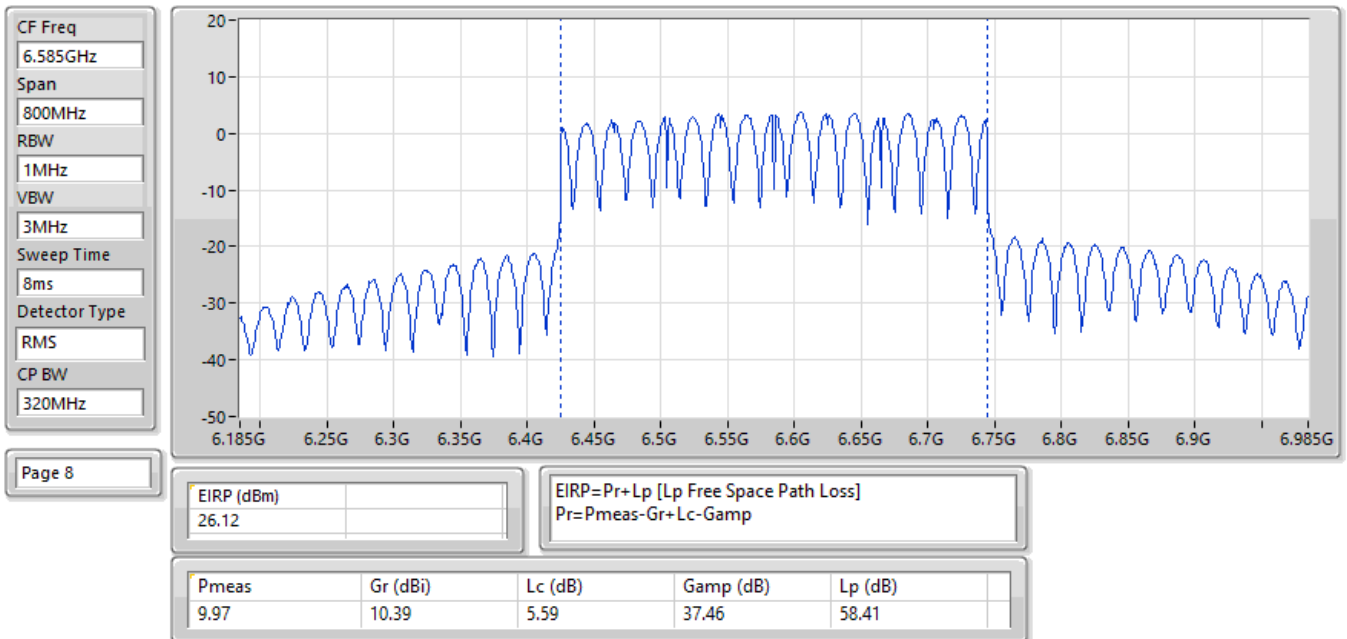




EIRP;Band:6.4G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6505MHz;TX

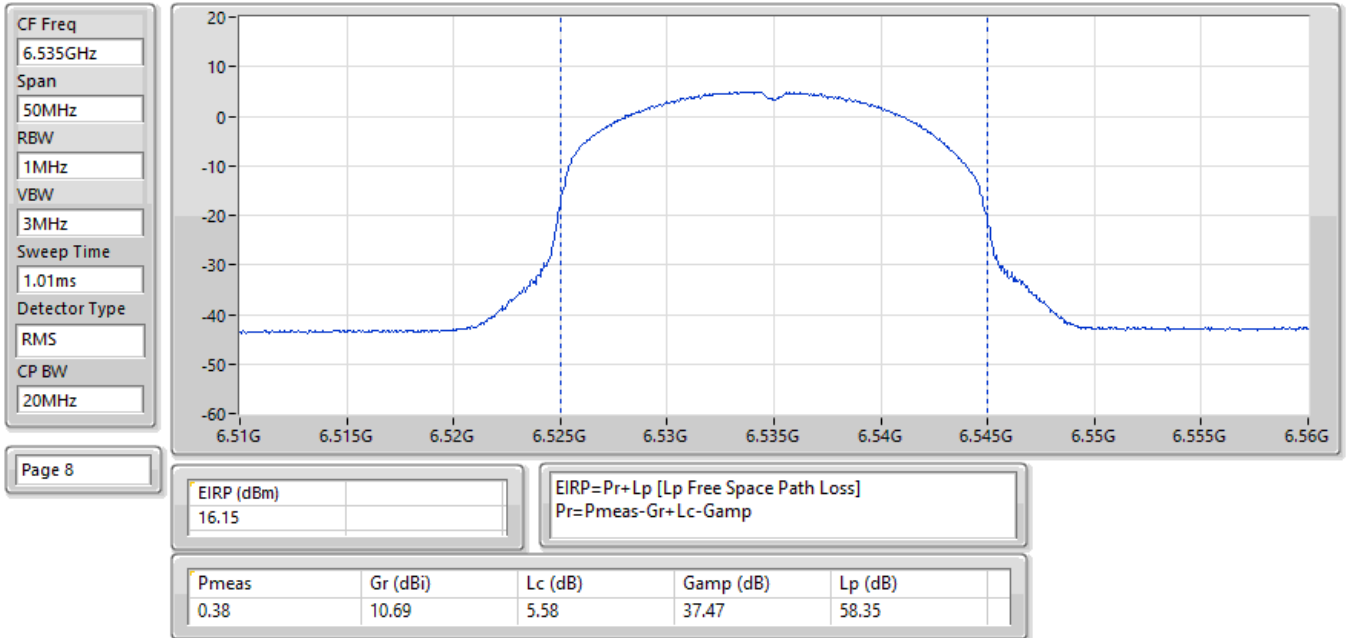


EIRP;Band:6.4G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6585MHz;TX

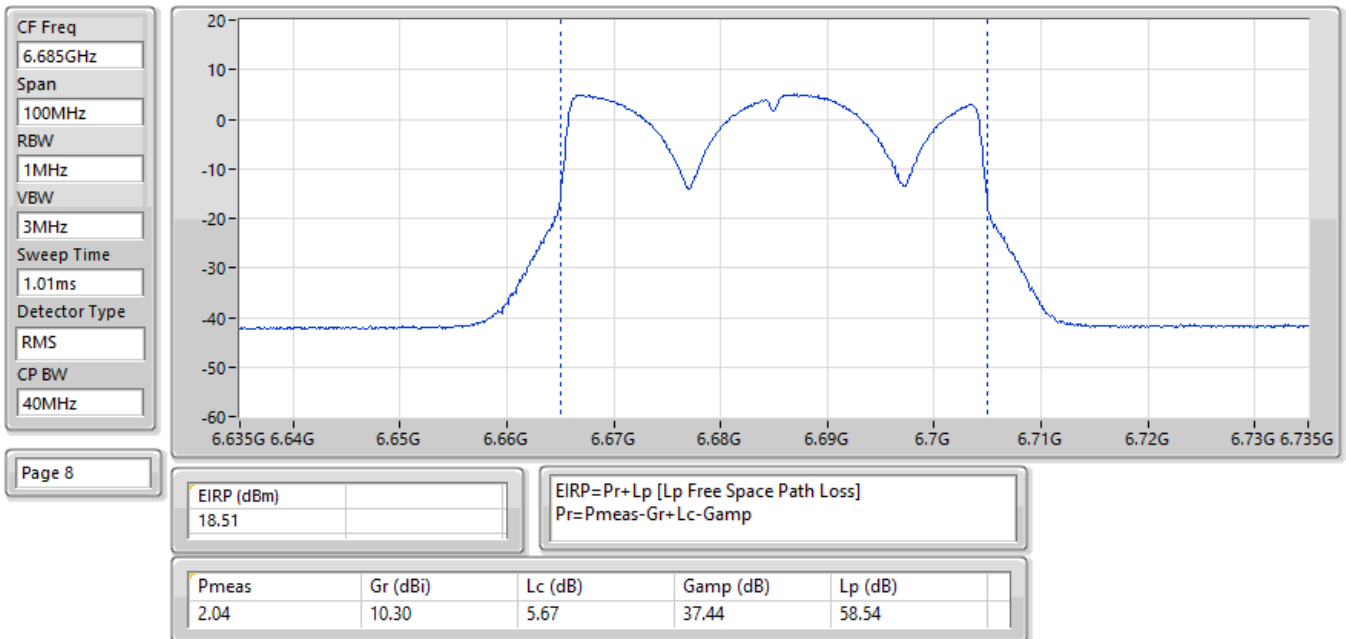




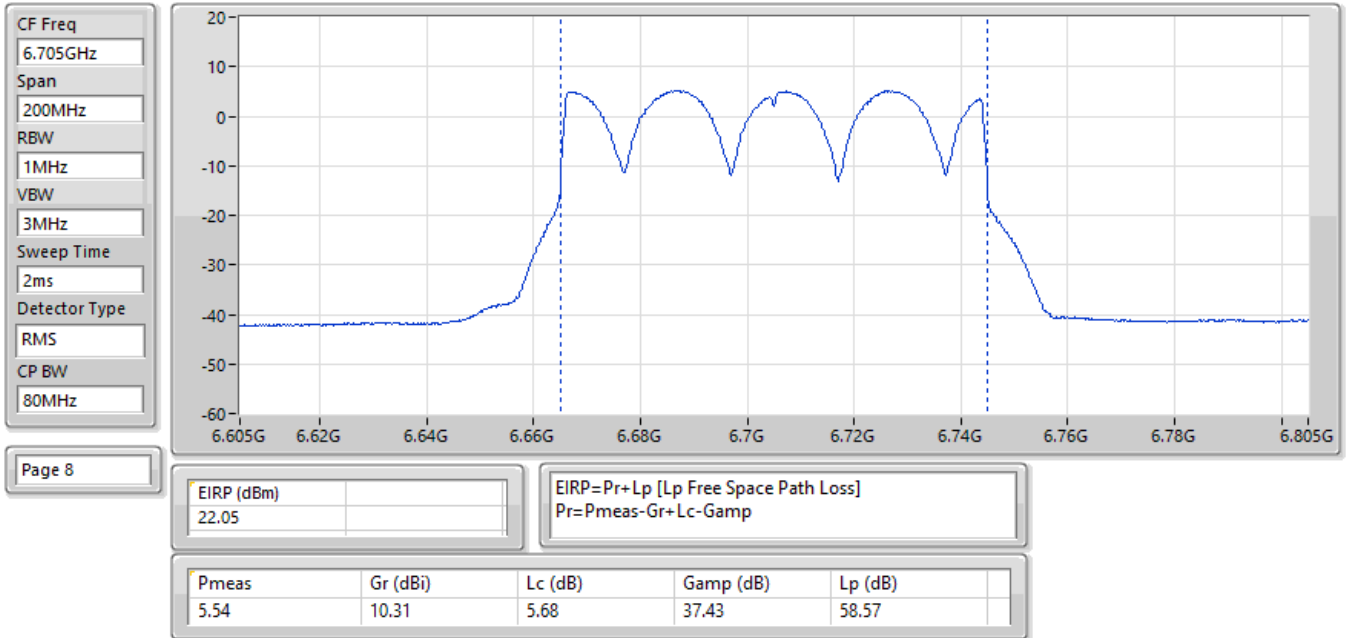
EIRP:Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6535MHz;TX



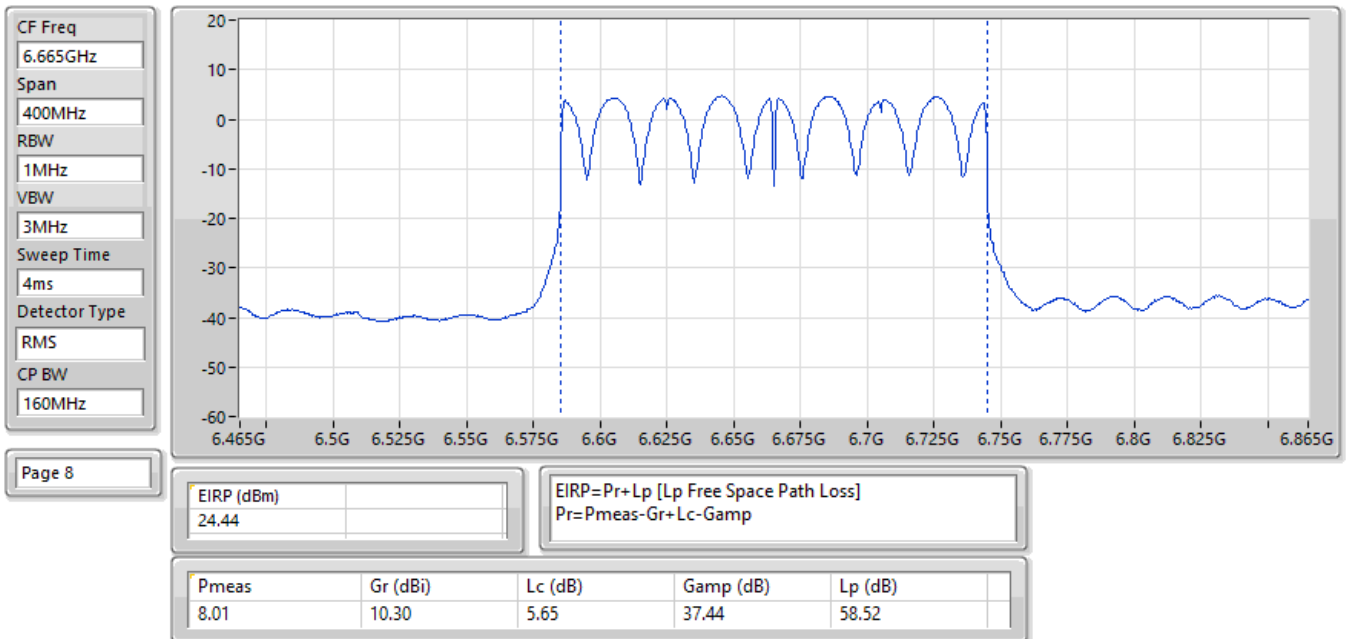
EIRP:Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6685MHz;TX



EIRP;Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6705MHz;TX

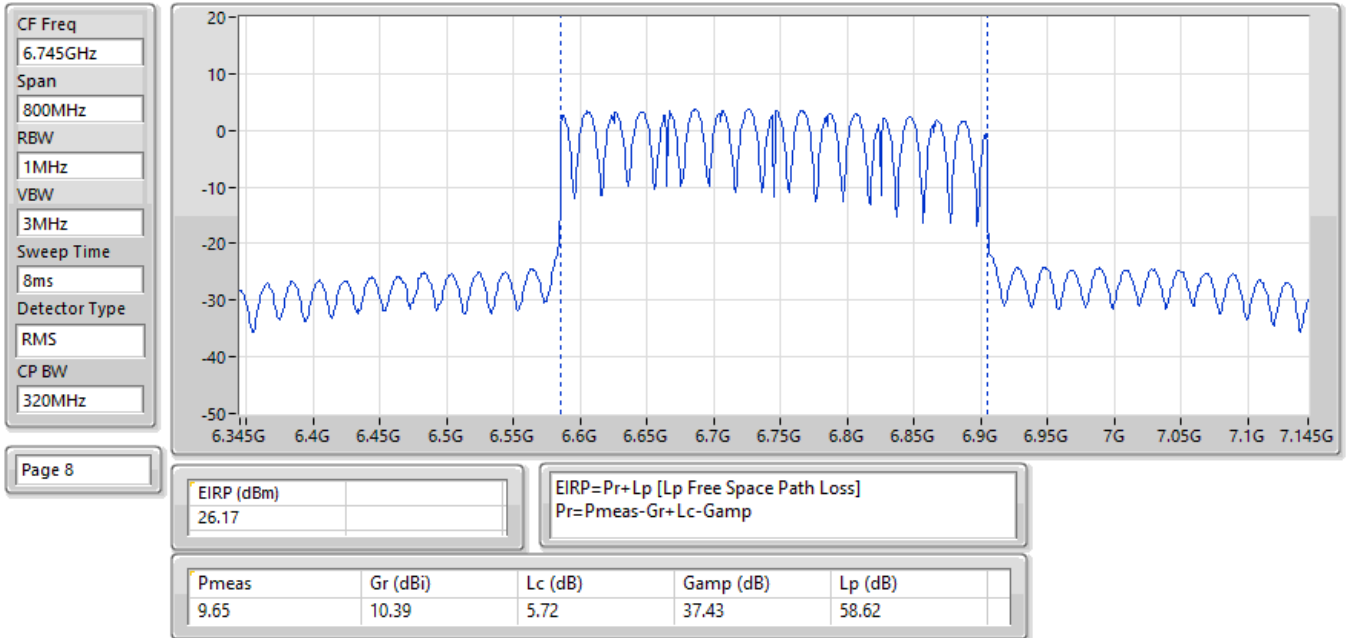


EIRP;Band:6.7G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6665MHz;TX

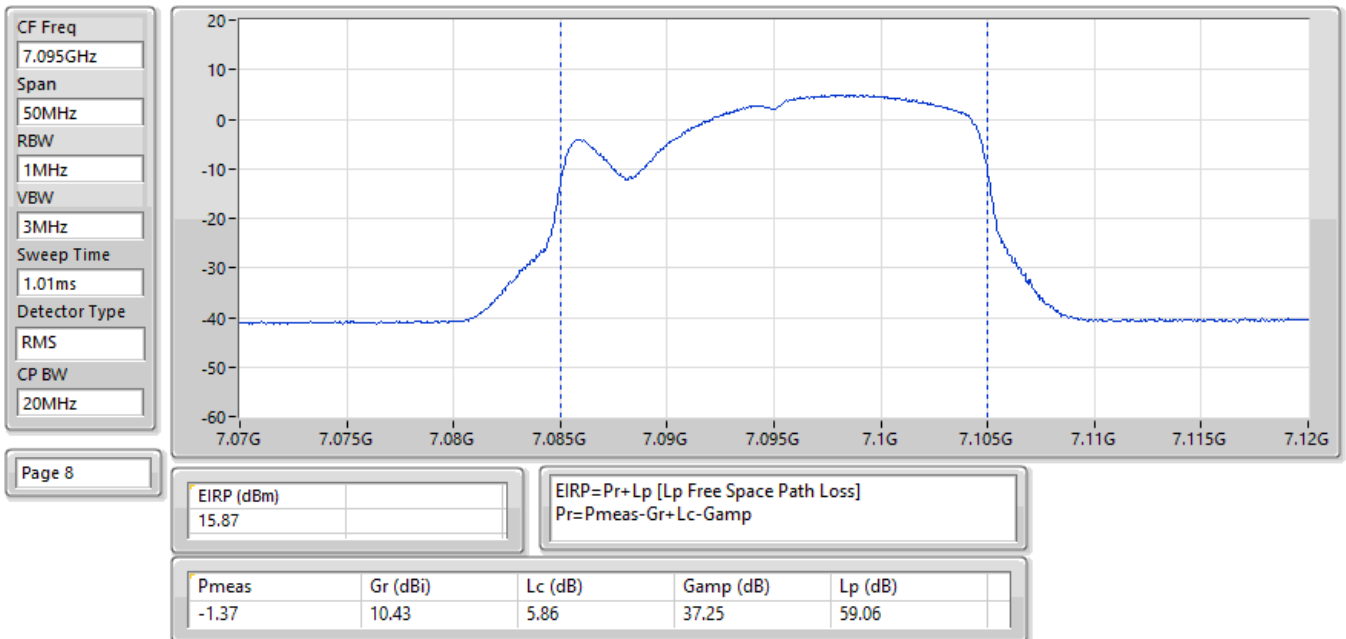




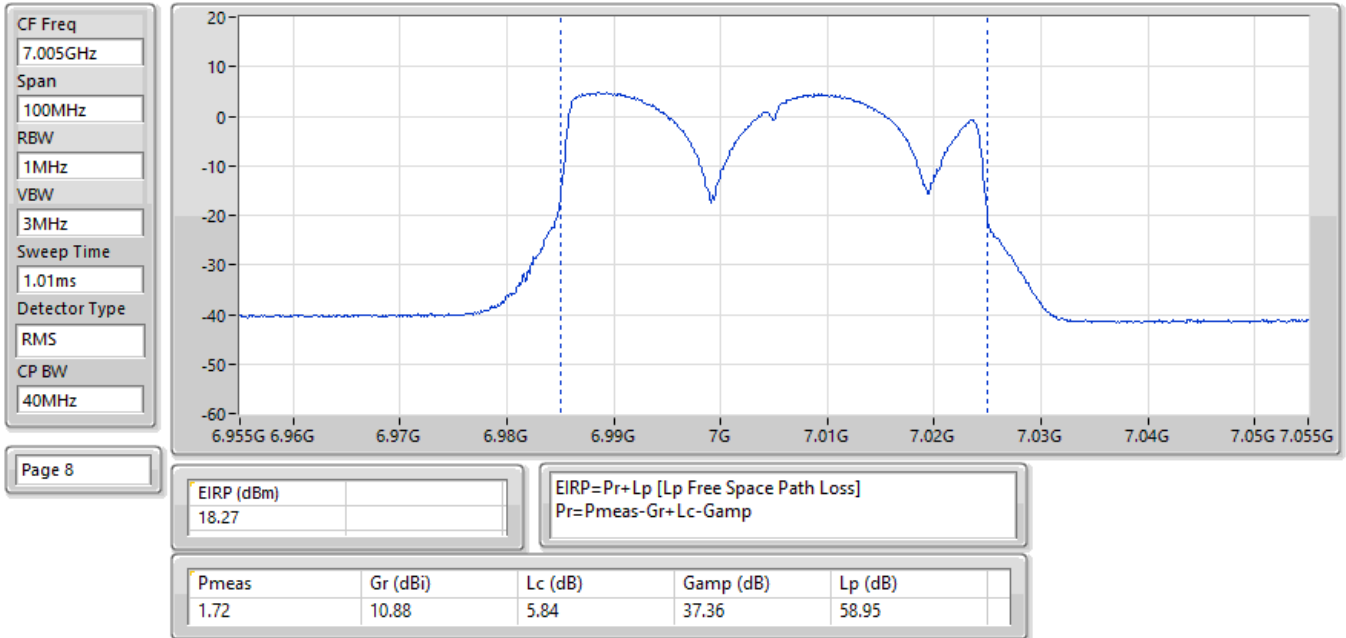
EIRP;Band:6.7G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6745MHz;TX



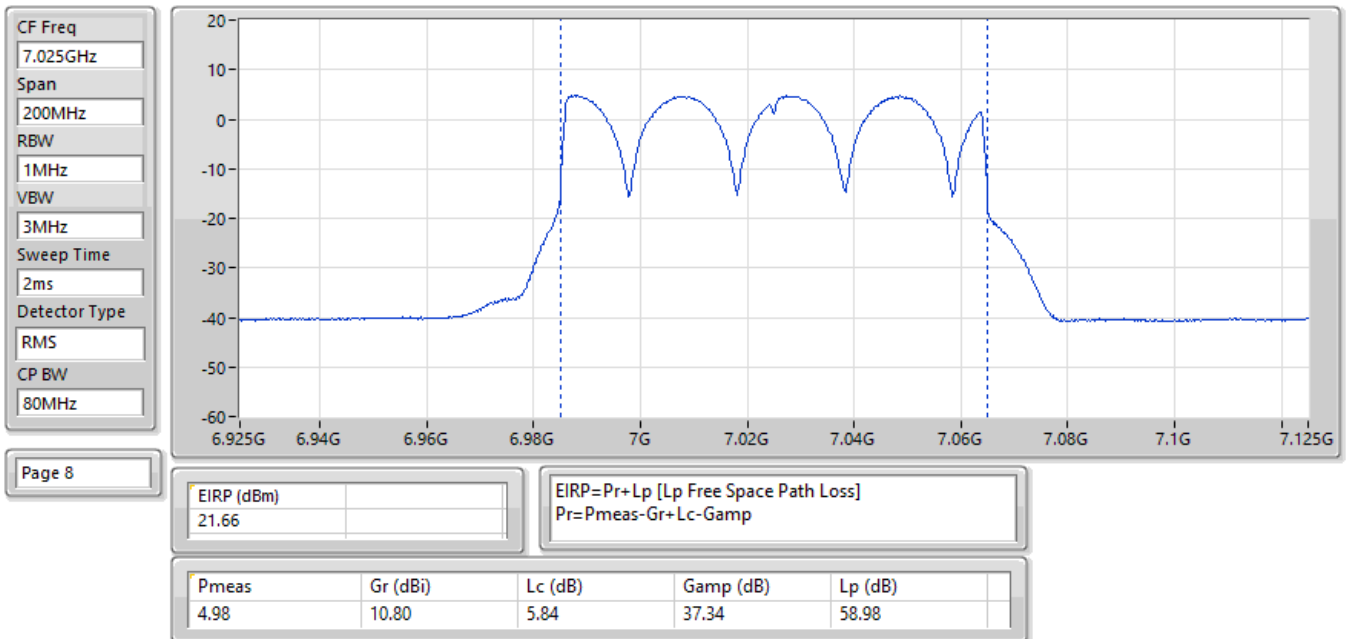
EIRP;Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:7095MHz;TX



EIRP:Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:7005MHz;TX

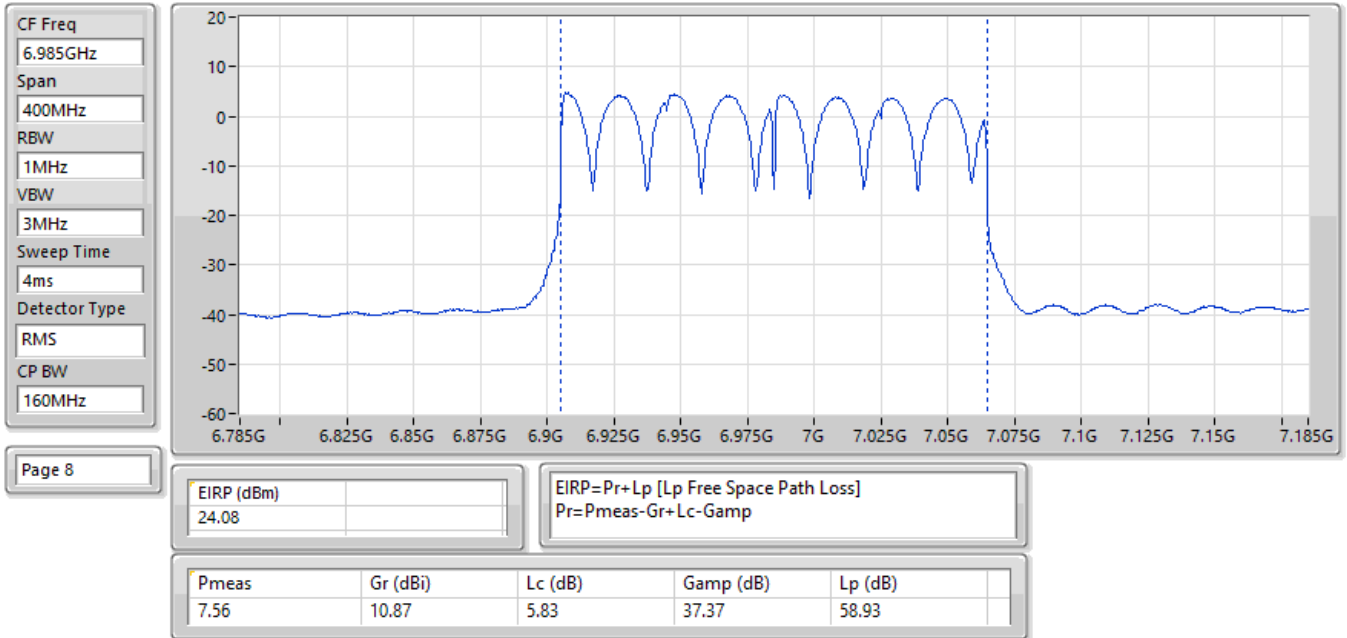


EIRP:Band:7.0G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:7025MHz;TX

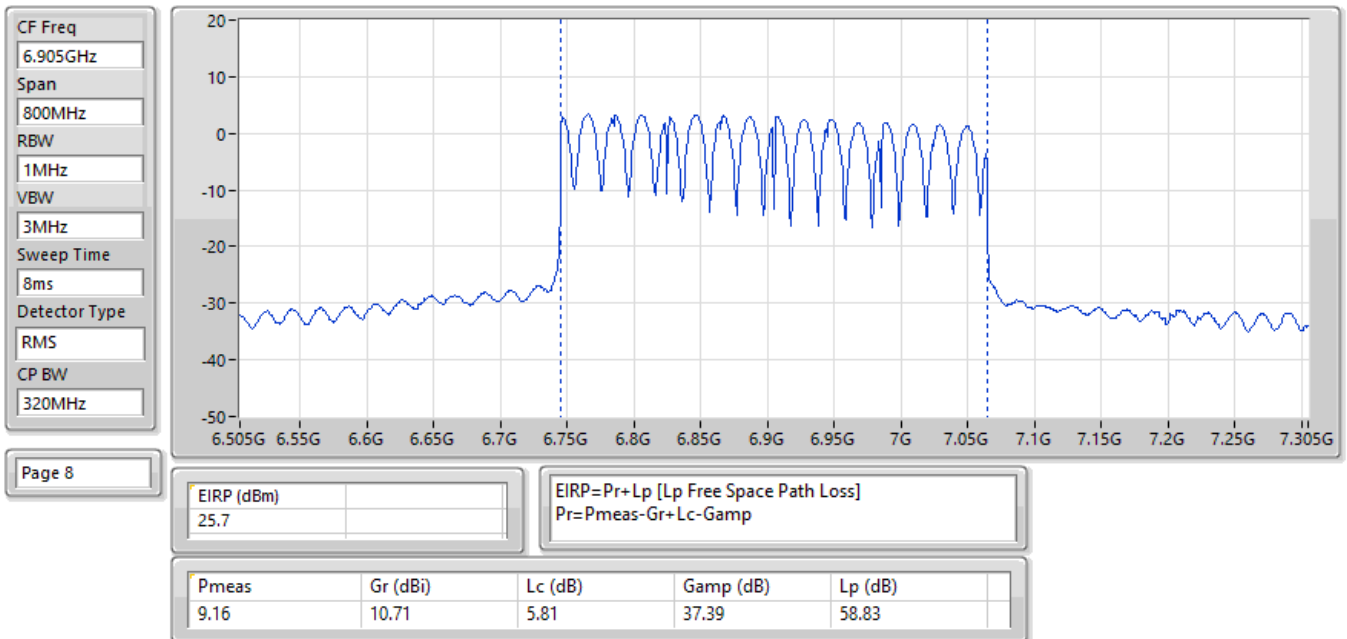




EIRP;Band:7.0G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6985MHz;TX



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 EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	18.25	0.06683
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX	21.98	0.15776
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 2_2TX	24.94	0.31189
6.525-6.875GHz	-	-
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_2TX	21.71	0.14825
6.875-7.125GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	19.93	0.09840
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX	22.89	0.19454

**Result**

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-
5985MHz	Pass	18.25	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-	-	-
7025MHz	Pass	19.93	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX	-	-	-
6025MHz	Pass	21.98	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-	-	-
6025MHz	Pass	20.81	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX	-	-	-
6985MHz	Pass	22.89	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-	-	-
6985MHz	Pass	21.95	30.00
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 2_2TX	-	-	-
6105MHz	Pass	24.94	30.00
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 4_2TX	-	-	-
6105MHz	Pass	23.35	30.00
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 3_2TX	-	-	-
6105MHz	Pass	22.62	30.00
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 3_2TX	-	-	-
6905MHz	Pass	21.49	30.00
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_2TX	-	-	-
6905MHz	Pass	21.71	30.00
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 10_2TX	-	-	-
6905MHz	Pass	21.16	30.00

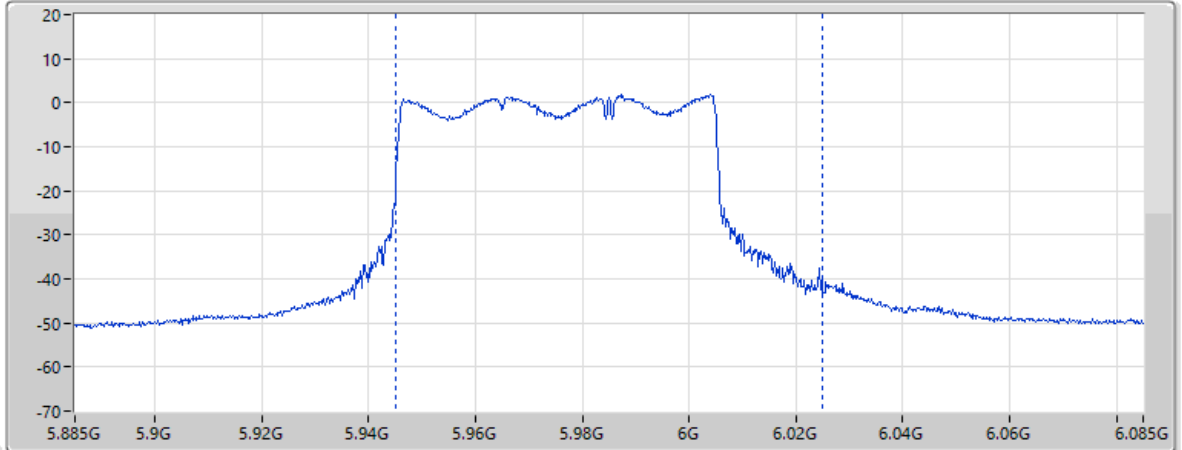
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



21/12/2024

EIRP;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 CP 4;Nant:2;Ch:5985MHz;TX

CF Freq
5.985GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2ms
Detector Type
RMS
CP BW
80MHz



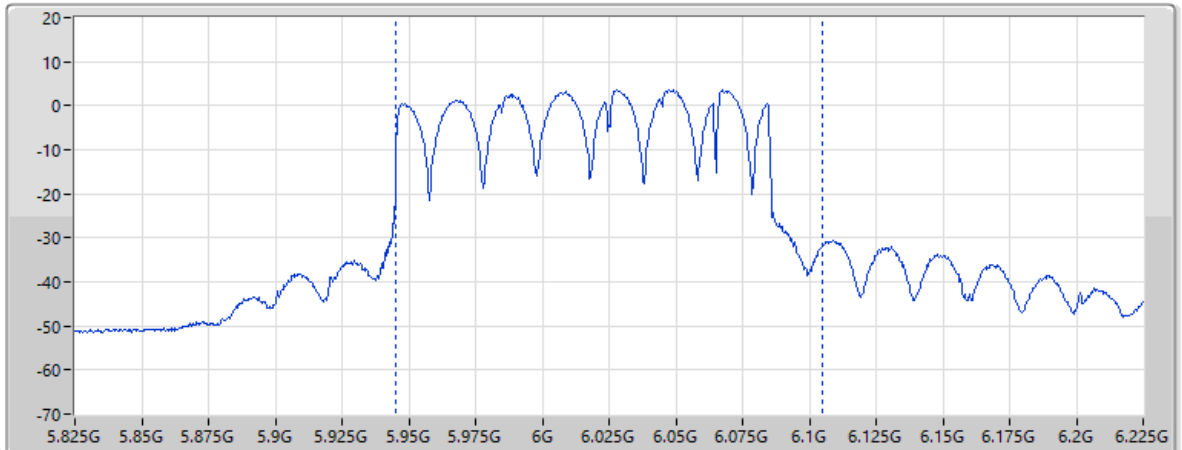
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EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
18.25				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
4.46	11.27	5.27	37.79	57.58

21/12/2024

EIRP;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484+RU242 CP 8;Nant:2;Ch:6025MHz;TX

CF Freq
6.025GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4ms
Detector Type
RMS
CP BW
160MHz



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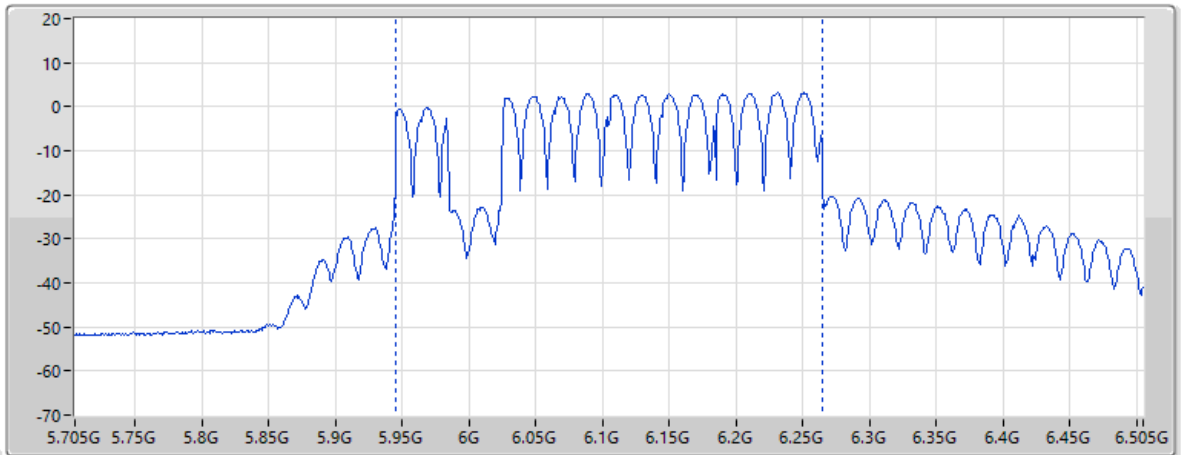
EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
21.98				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
8.16	11.35	5.30	37.77	57.64



21/12/2024

EIRP;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0),3xRU996+RU484 CP 2;Nant:2;Ch:6105MHz;TX

CF Freq
6.105GHz
Span
800MHz
RBW
1MHz
VBW
3MHz
Sweep Time
8ms
Detector Type
RMS
CP BW
320MHz



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EIRP (dBm)
24.94

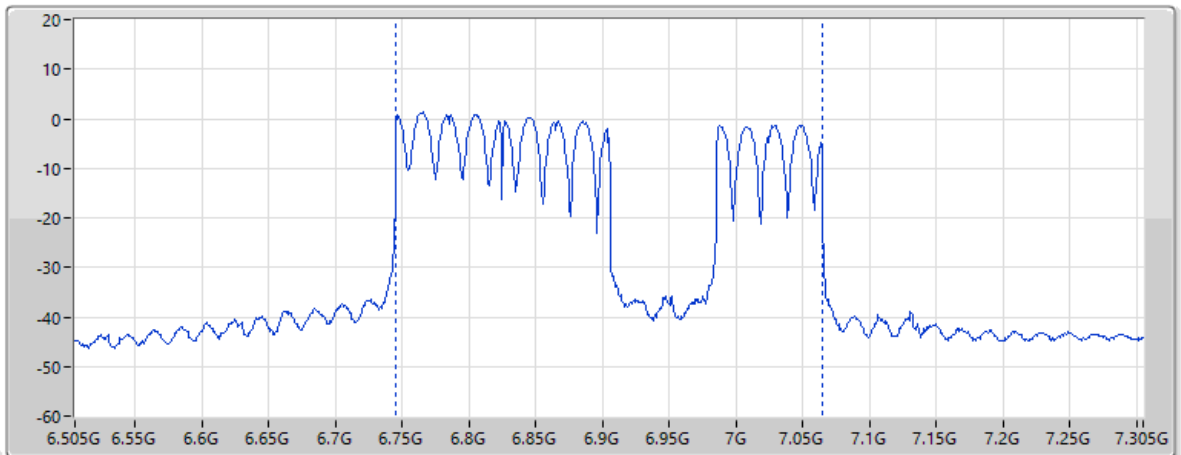
EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
11.06	11.49	5.33	37.72	57.76

22/12/2024

EIRP;Band:6.7G;be320;BWch:320MHz;Nss:1,(M0),3xRU996 CP 3;Nant:2;Ch:6905MHz;TX

CF Freq
6.905GHz
Span
800MHz
RBW
1MHz
VBW
3MHz
Sweep Time
8ms
Detector Type
RMS
CP BW
320MHz



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EIRP (dBm)
21.71

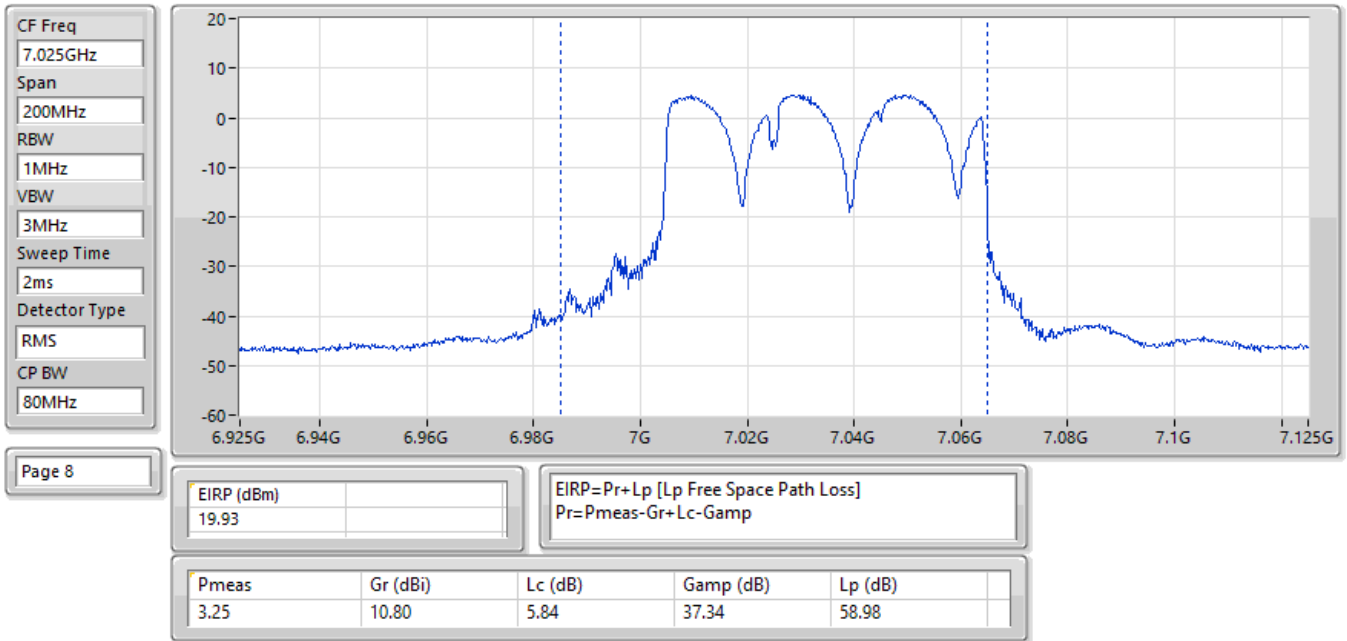
EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
5.17	10.71	5.81	37.39	58.83



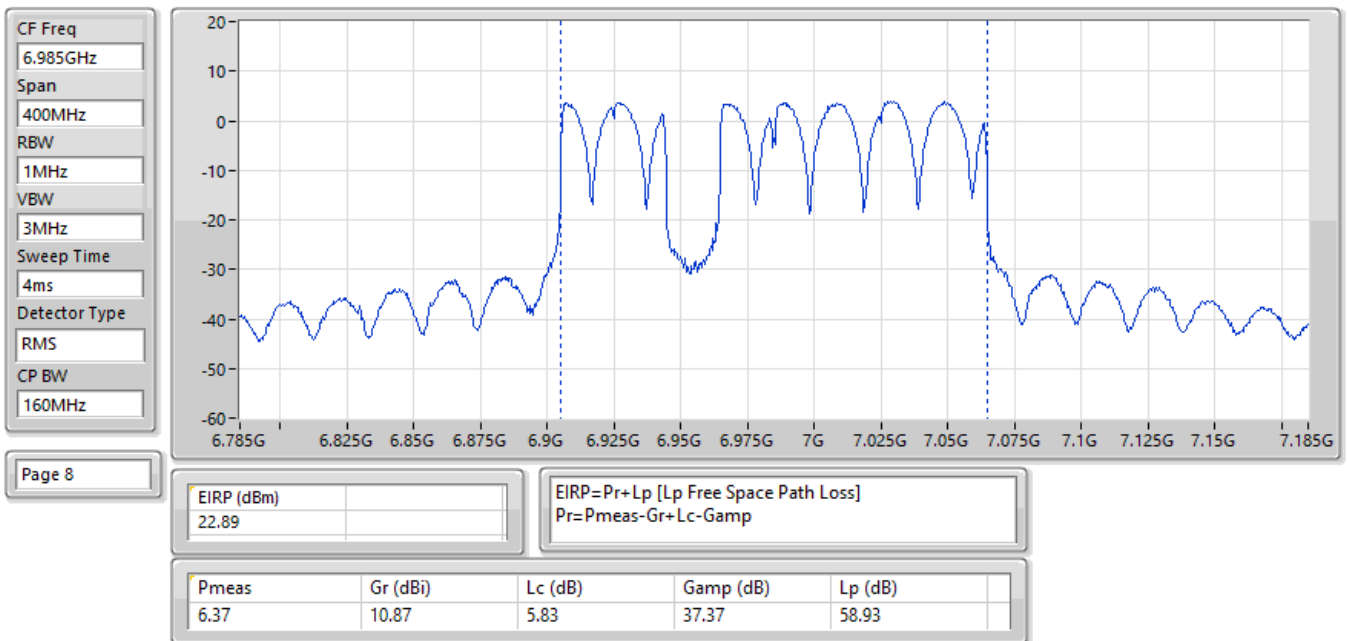
21/12/2024

EIRP;Band:7.0G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 CP 1;Nant:2;Ch:7025MHz;TX



21/12/2024

EIRP;Band:7.0G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484+RU242 CP 3;Nant:2;Ch:6985MHz;TX



**Summary**

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	18.13	0.06501
802.11be EHT40-BF_Nss1,(MCS0)_2TX	21.49	0.14093
802.11be EHT80-BF_Nss1,(MCS0)_2TX	23.78	0.23878
802.11be EHT160-BF_Nss1,(MCS0)_2TX	27.31	0.53827
802.11be EHT320-BF_Nss1,(MCS0)_2TX	25.61	0.36392
6.425-6.525GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	19.21	0.08337
802.11be EHT40-BF_Nss1,(MCS0)_2TX	21.05	0.12735
802.11be EHT80-BF_Nss1,(MCS0)_2TX	23.94	0.24774
802.11be EHT160-BF_Nss1,(MCS0)_2TX	24.13	0.25882
802.11be EHT320-BF_Nss1,(MCS0)_2TX	25.23	0.33343
6.525-6.875GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	17.32	0.05395
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.84	0.12134
802.11be EHT80-BF_Nss1,(MCS0)_2TX	24.10	0.25704
802.11be EHT160-BF_Nss1,(MCS0)_2TX	26.08	0.40551
802.11be EHT320-BF_Nss1,(MCS0)_2TX	27.35	0.54325
6.875-7.125GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	17.58	0.05728
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.63	0.11561
802.11be EHT80-BF_Nss1,(MCS0)_2TX	23.93	0.24717
802.11be EHT160-BF_Nss1,(MCS0)_2TX	26.70	0.46774
802.11be EHT320-BF_Nss1,(MCS0)_2TX	25.99	0.39719

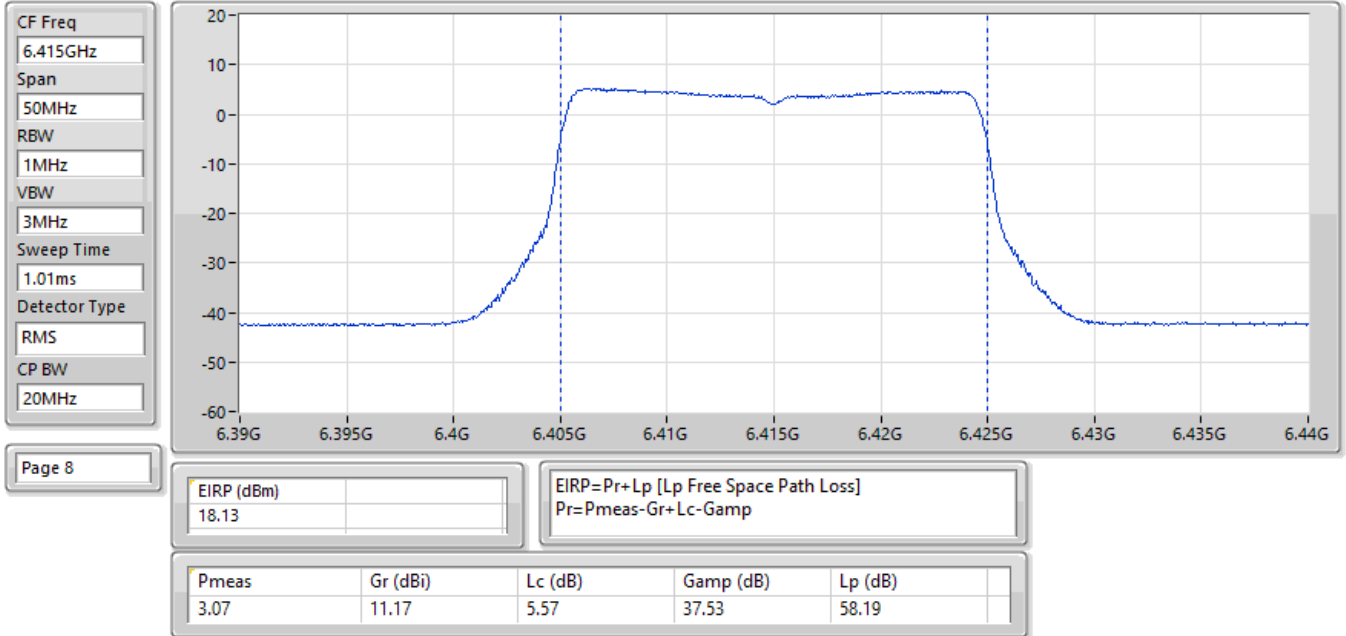


Result

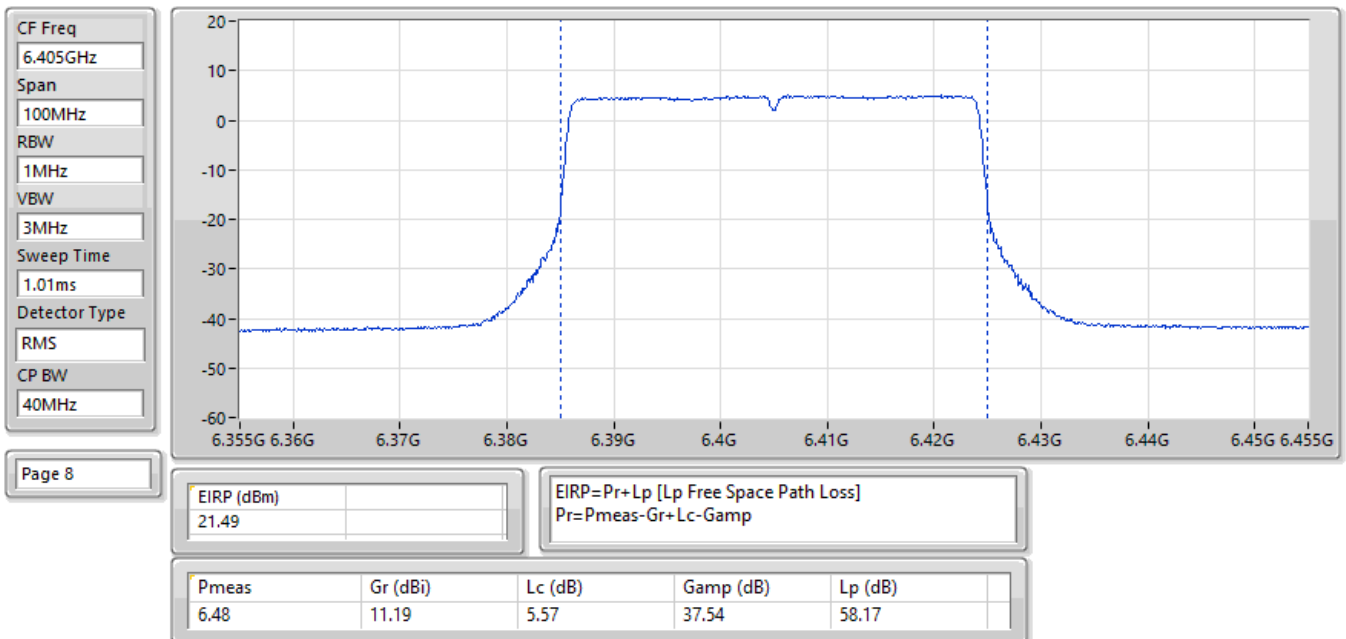
Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	18.11	30.00
6195MHz	Pass	17.65	30.00
6415MHz	Pass	18.13	30.00
6435MHz	Pass	18.66	30.00
6475MHz	Pass	19.21	30.00
6515MHz	Pass	17.64	30.00
6535MHz	Pass	15.36	30.00
6695MHz	Pass	17.32	30.00
6875MHz	Pass	17.26	30.00
6895MHz	Pass	17.58	30.00
6995MHz	Pass	16.39	30.00
7095MHz	Pass	17.24	30.00
7115MHz	Pass	16.67	30.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	17.79	30.00
6205MHz	Pass	18.58	30.00
6405MHz	Pass	21.49	30.00
6445MHz	Pass	20.72	30.00
6485MHz	Pass	20.86	30.00
6525MHz	Pass	21.05	30.00
6565MHz	Pass	20.25	30.00
6685MHz	Pass	20.63	30.00
6885MHz	Pass	20.84	30.00
6925MHz	Pass	20.63	30.00
7005MHz	Pass	19.87	30.00
7085MHz	Pass	20.48	30.00
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	19.15	30.00
6225MHz	Pass	23.78	30.00
6385MHz	Pass	23.67	30.00
6465MHz	Pass	23.94	30.00
6545MHz	Pass	23.74	30.00
6625MHz	Pass	23.80	30.00
6705MHz	Pass	24.09	30.00
6785MHz	Pass	22.41	30.00
6865MHz	Pass	24.10	30.00
6945MHz	Pass	22.63	30.00
7025MHz	Pass	23.93	30.00
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	23.50	30.00
6185MHz	Pass	23.73	30.00
6345MHz	Pass	27.31	30.00
6505MHz	Pass	24.13	30.00
6665MHz	Pass	24.70	30.00
6825MHz	Pass	26.08	30.00
6985MHz	Pass	26.70	30.00
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-	-	-
6105MHz	Pass	22.03	30.00
6265MHz	Pass	23.40	30.00
6425MHz	Pass	25.61	30.00
6585MHz	Pass	25.23	30.00
6745MHz	Pass	27.35	30.00
6905MHz	Pass	25.99	30.00

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

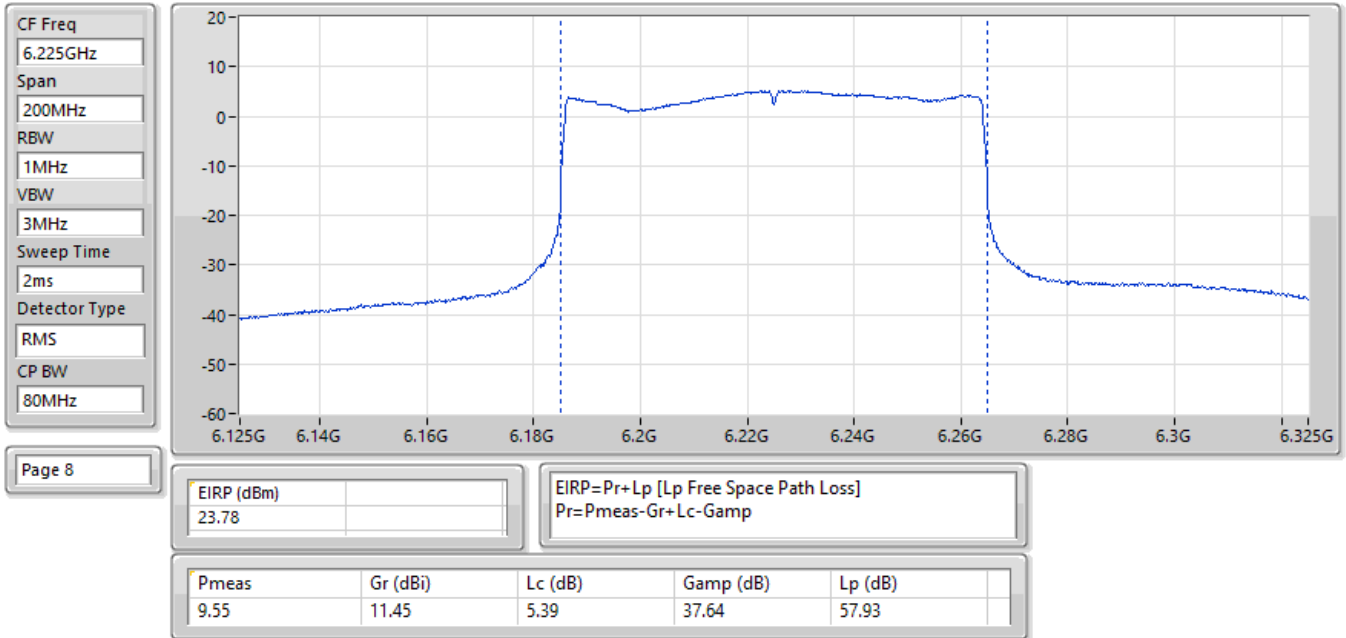
EIRP;Band:6.2G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6415MHz;TX



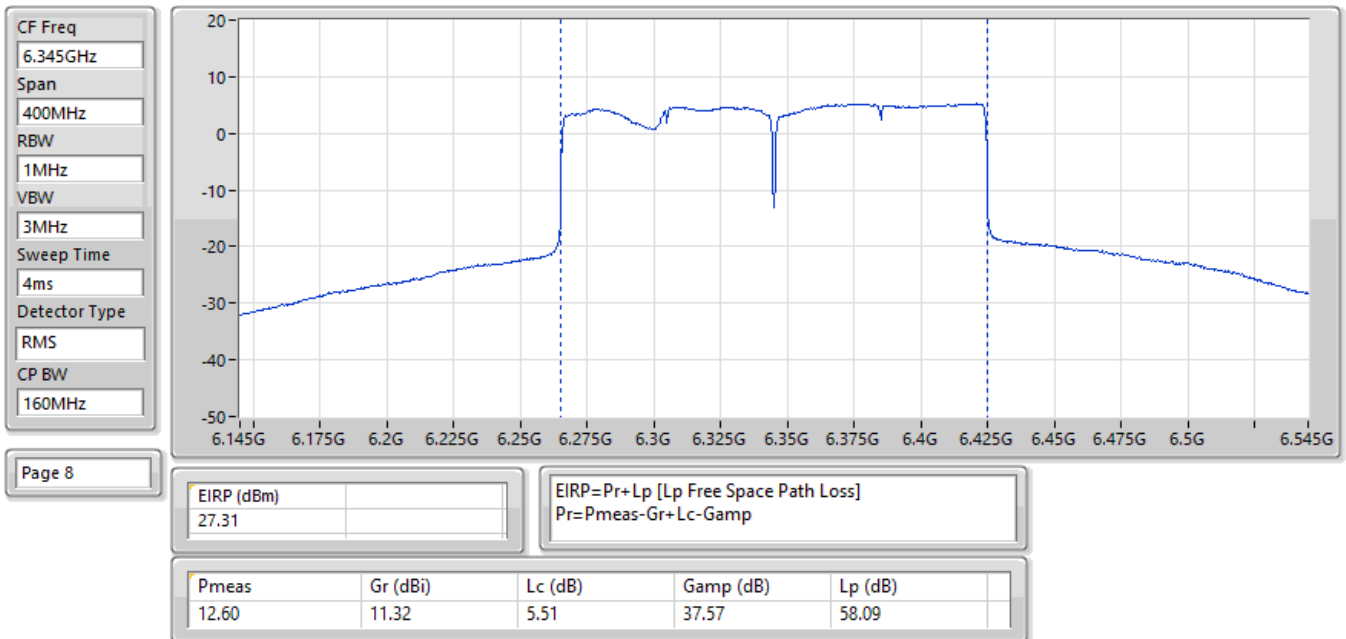
EIRP;Band:6.2G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6405MHz;TX



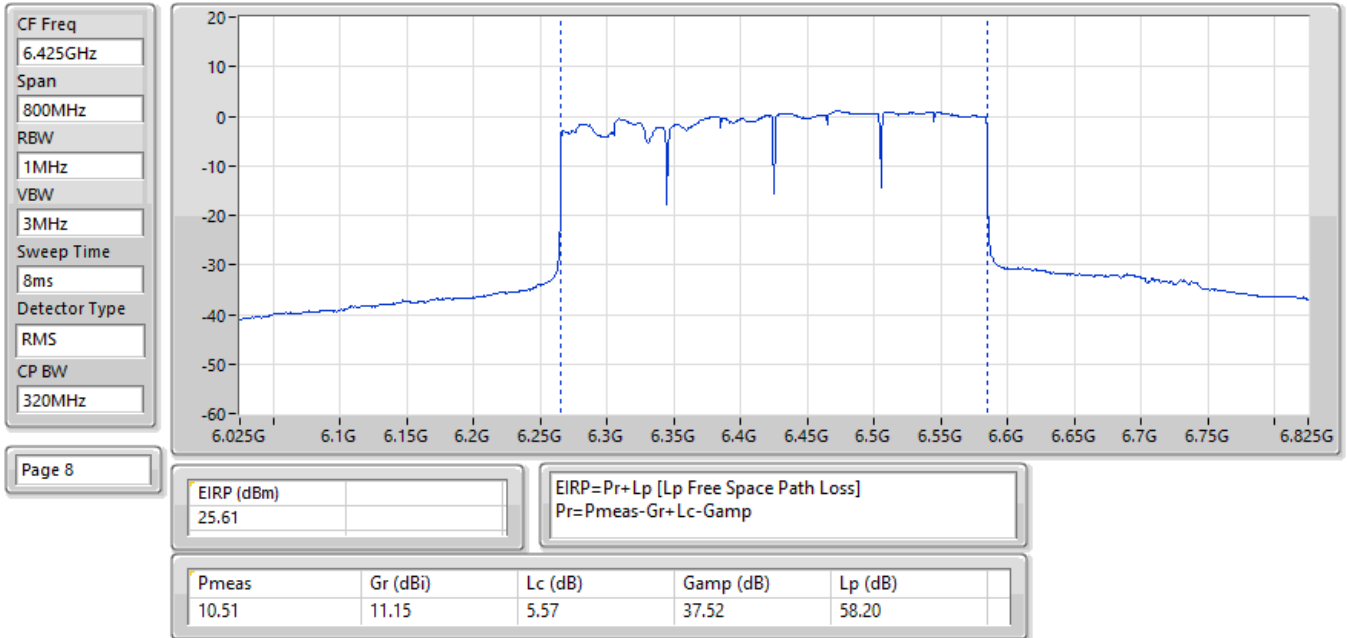
EIRP:Band:6.2G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6225MHz;TX



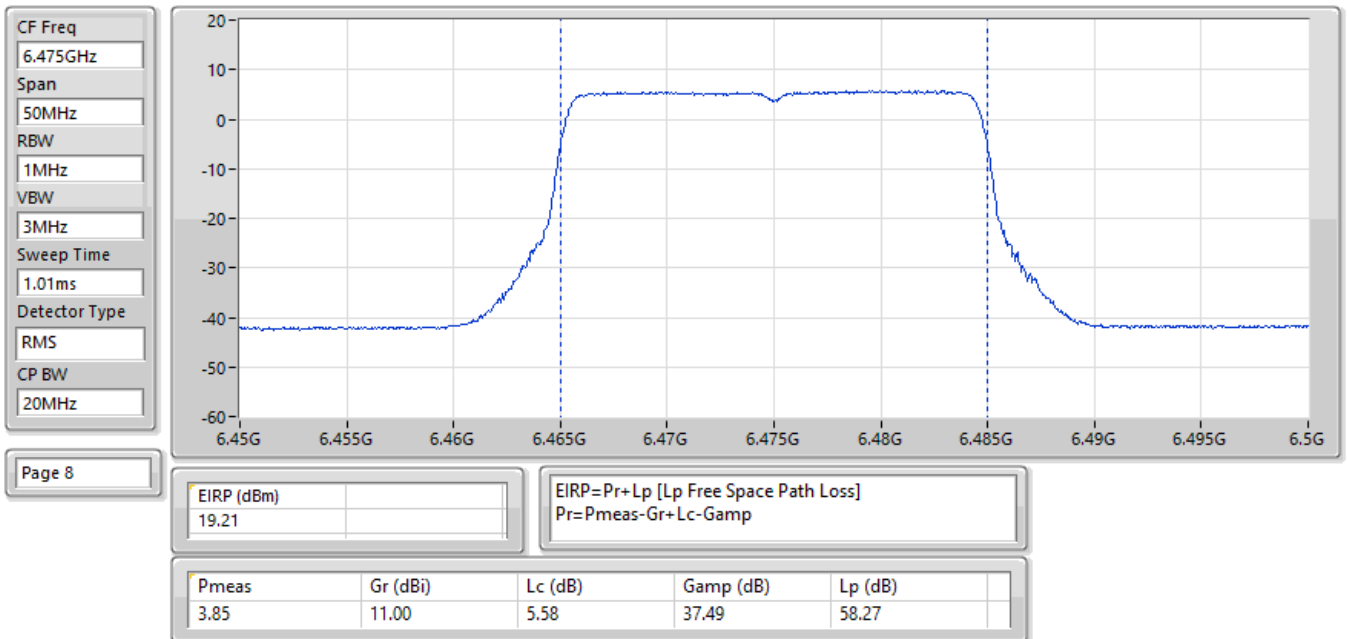
EIRP:Band:6.2G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6345MHz;TX



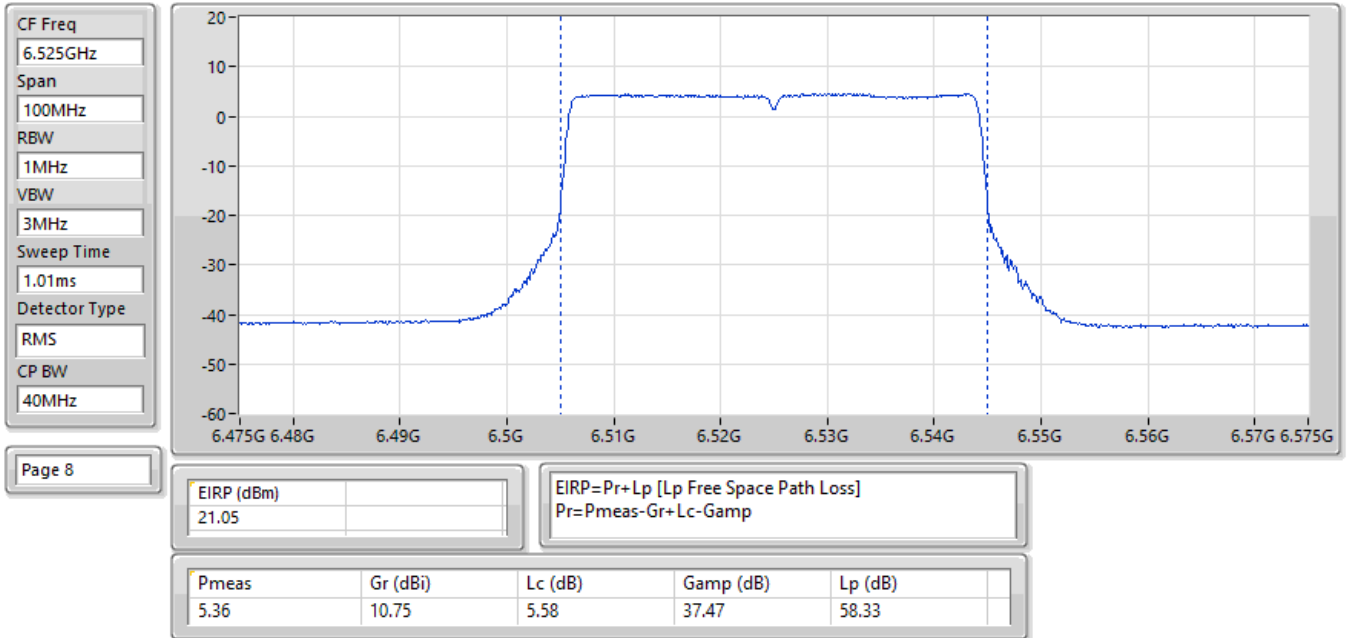
EIRP;Band:6.2G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6425MHz;TX



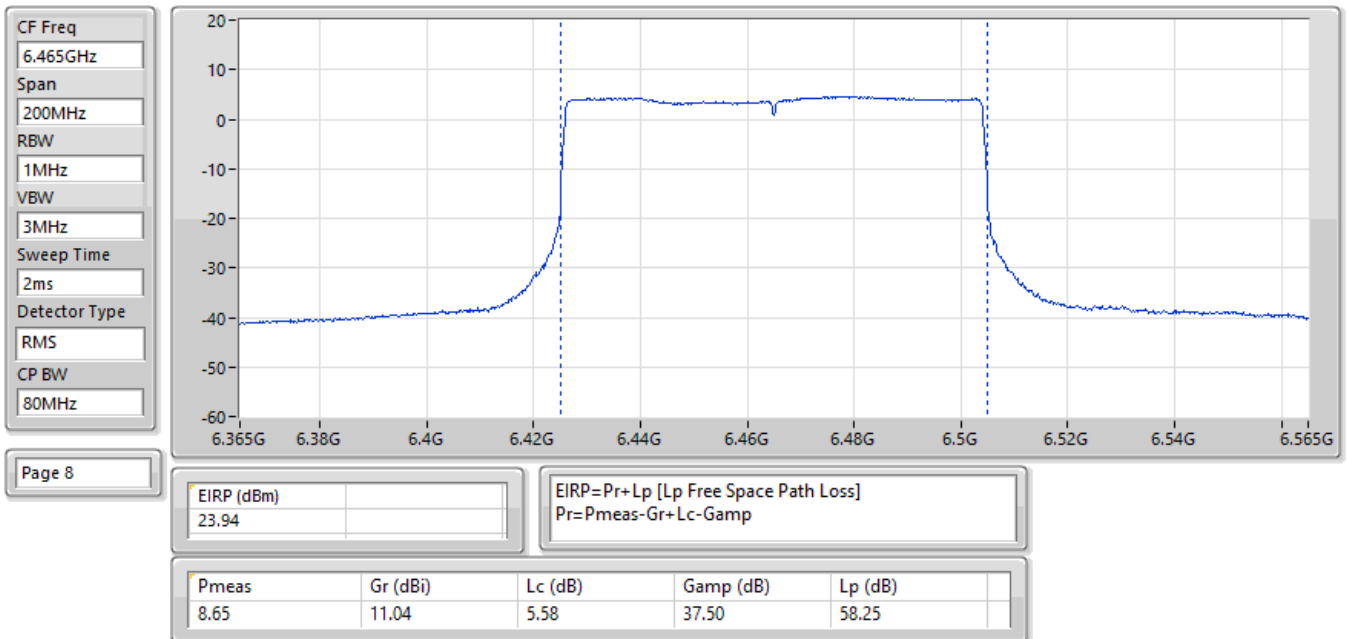
EIRP;Band:6.4G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6475MHz;TX



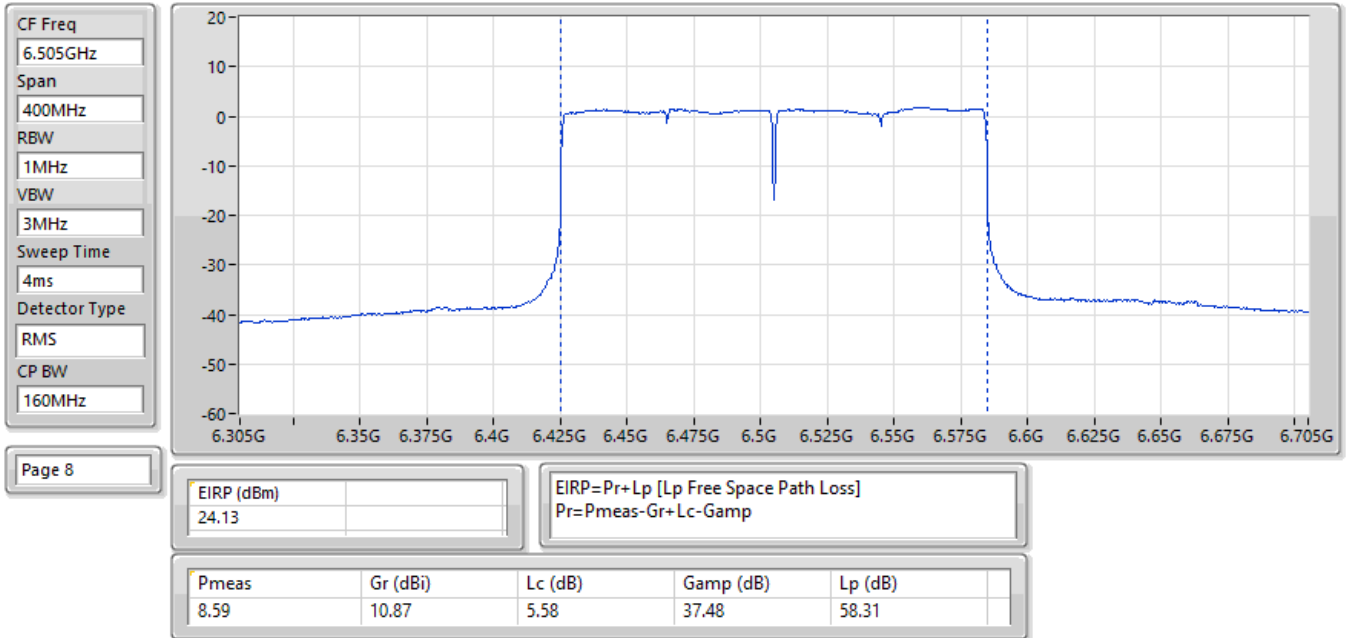
EIRP:Band:6.4G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6525MHz;TX



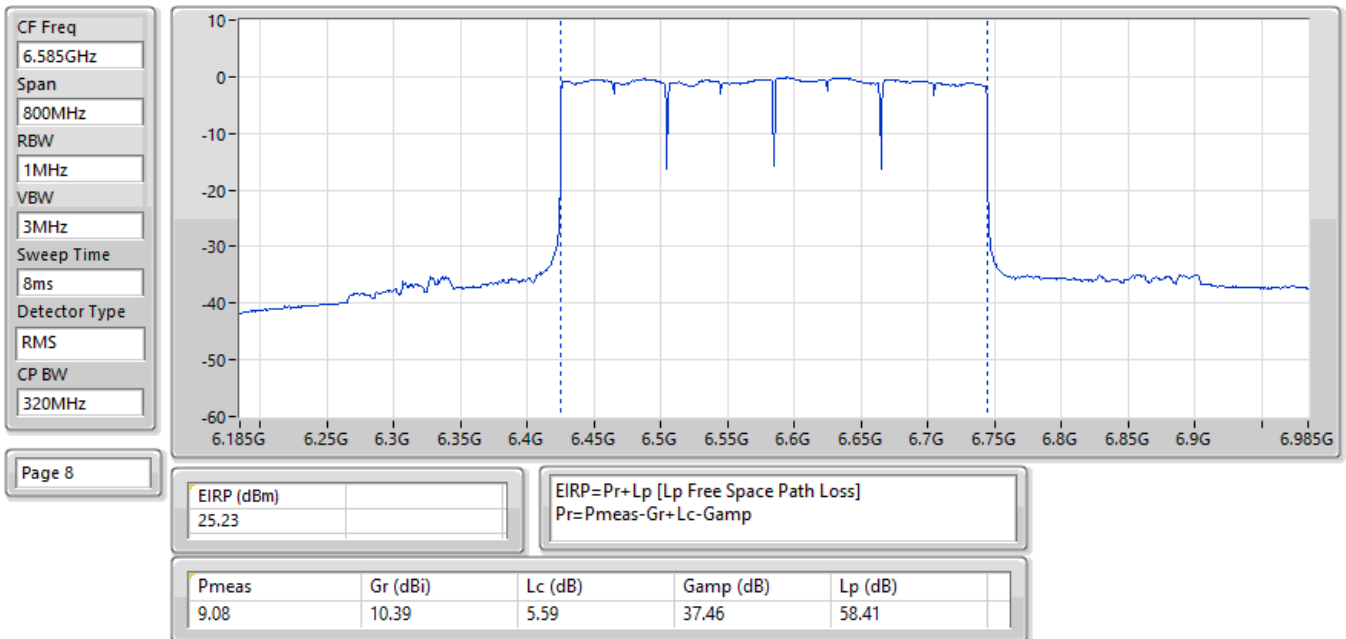
EIRP:Band:6.4G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6465MHz;TX



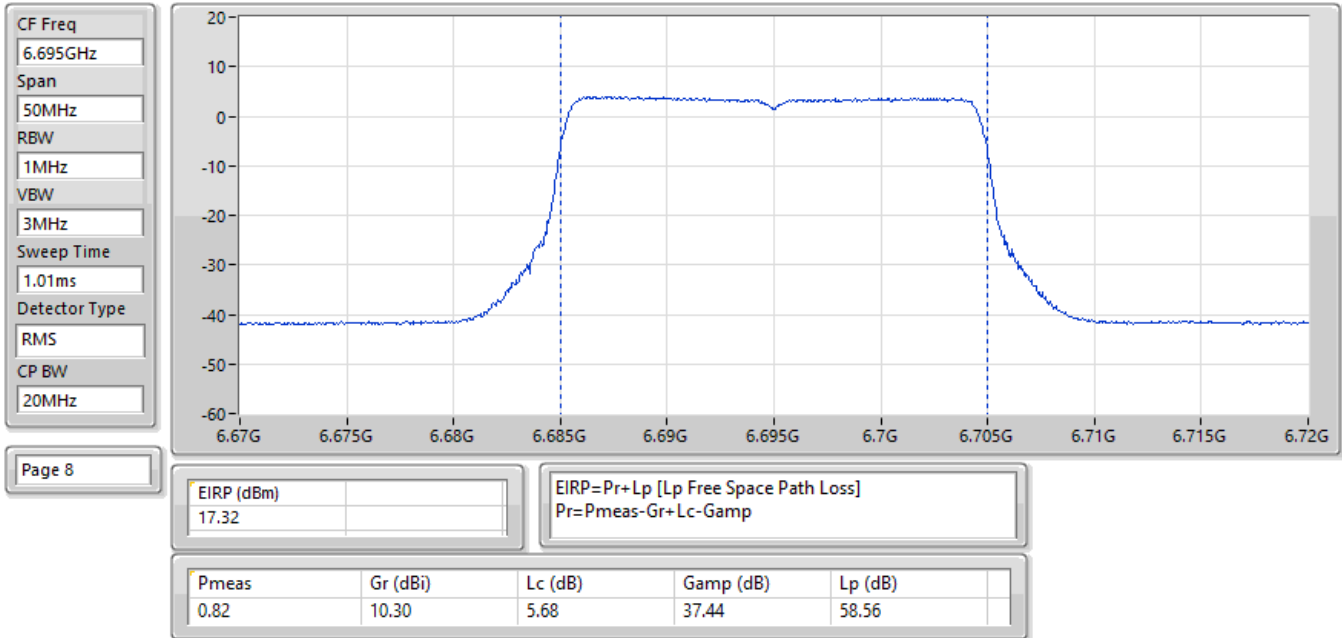
EIRP;Band:6.4G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6505MHz;TX



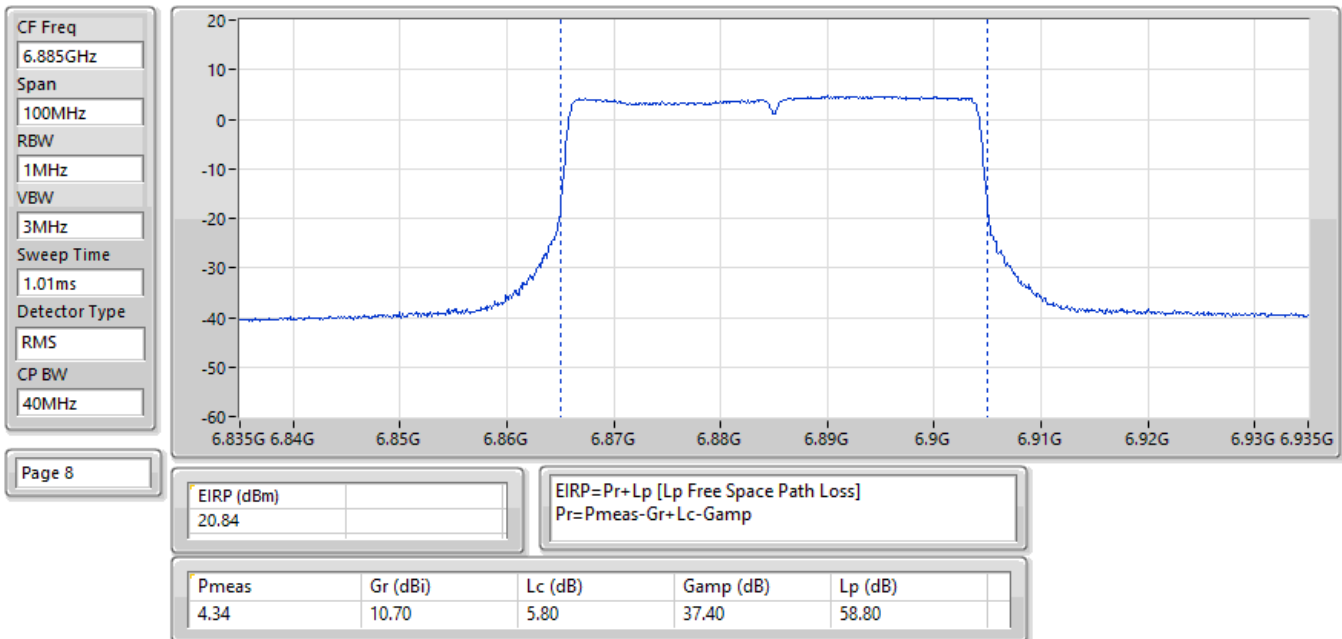
EIRP;Band:6.4G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6585MHz;TX



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

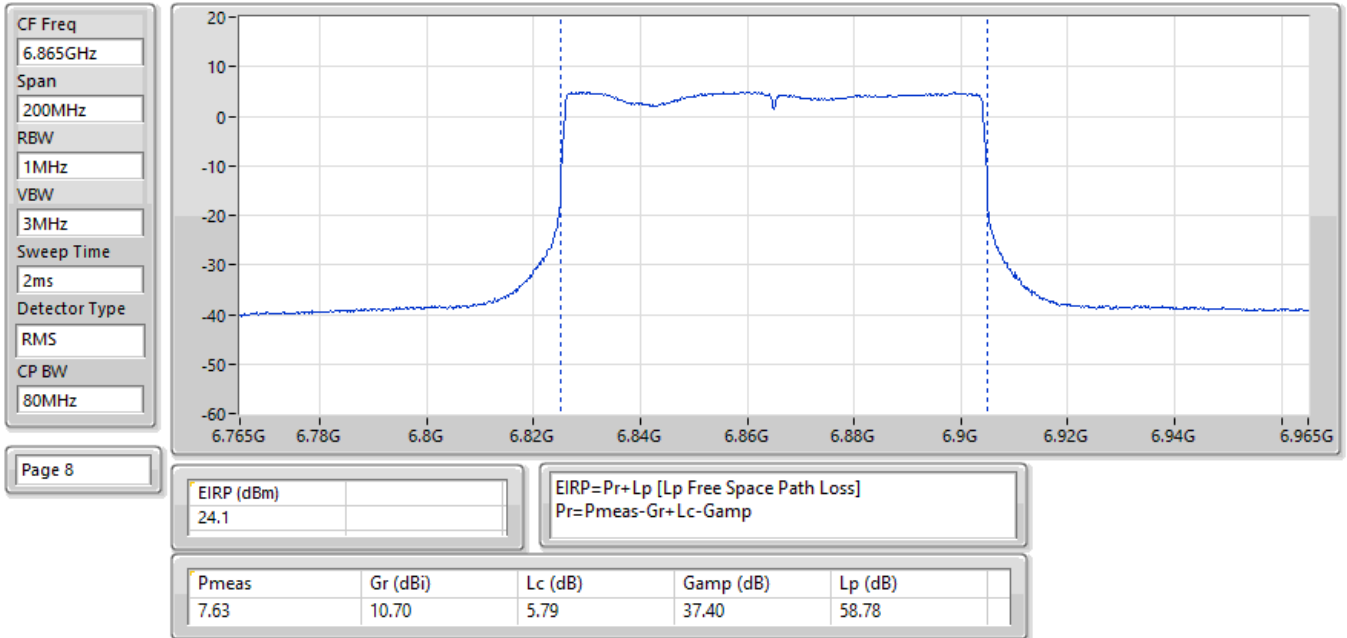


EIRP:Band:6.7G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6885MHz;TX

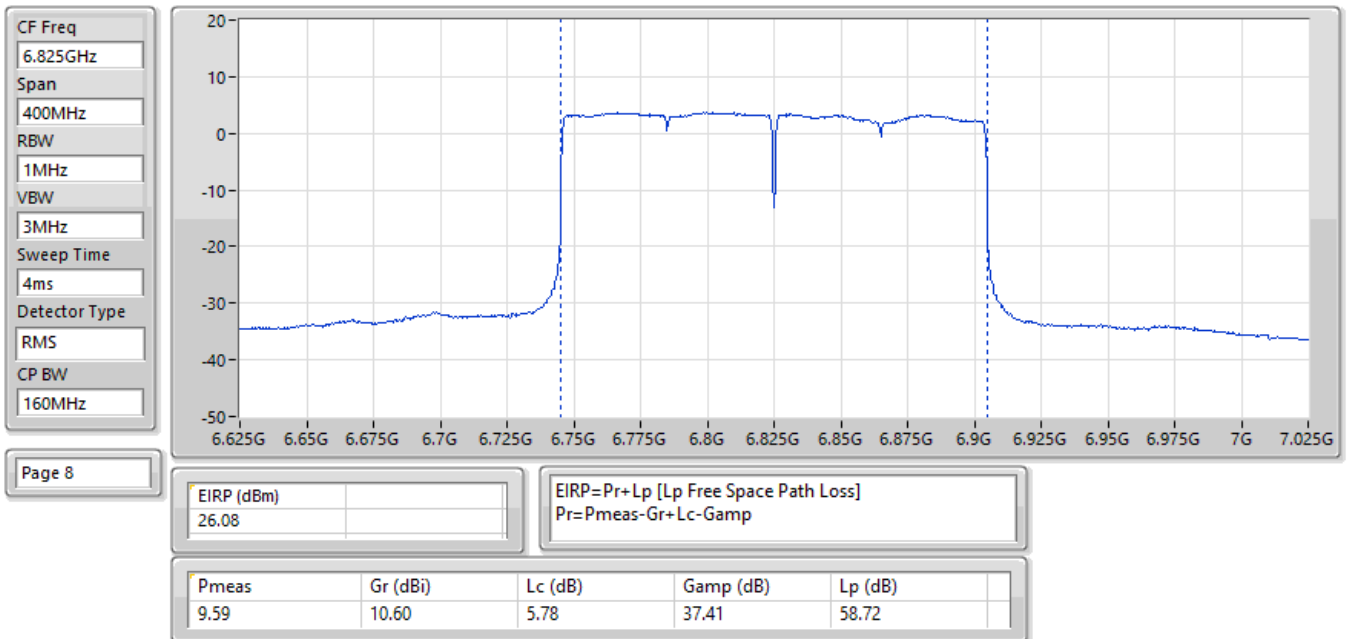




EIRP:Band:6.7G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6865MHz;TX



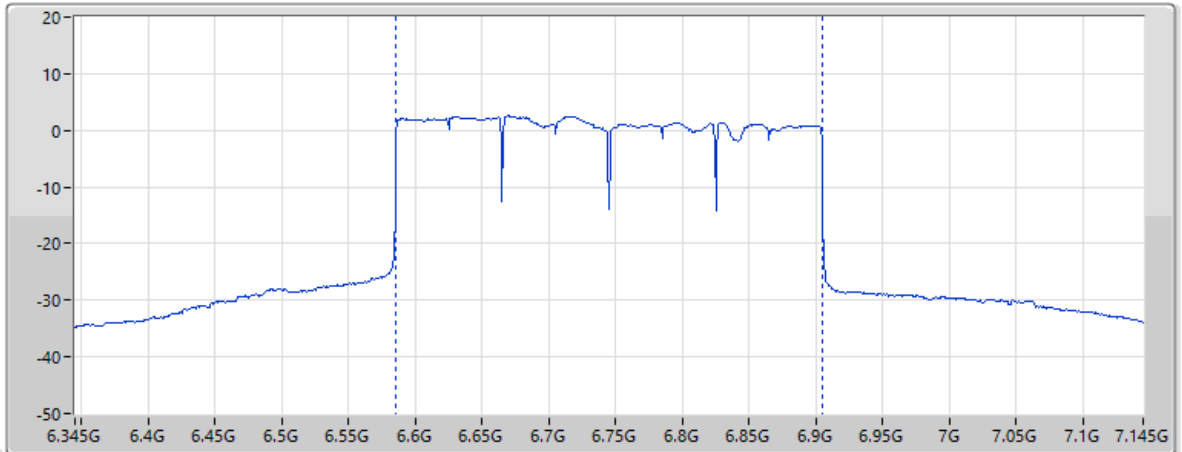
EIRP:Band:6.7G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6825MHz;TX





EIRP:Band:6.7G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6745MHz;TX

CF Freq
6.745GHz
Span
800MHz
RBW
1MHz
VBW
3MHz
Sweep Time
8ms
Detector Type
RMS
CP BW
320MHz



Page 8

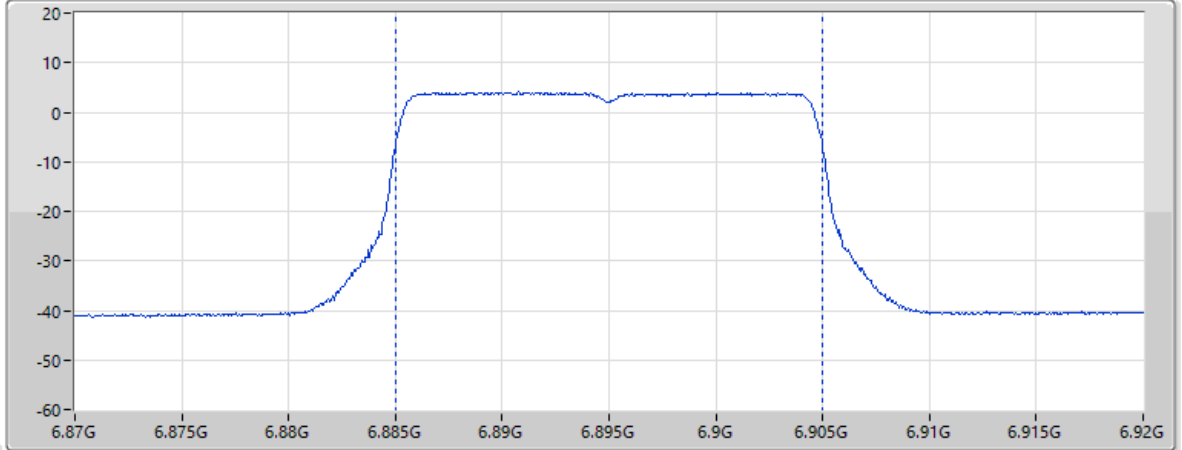
EIRP (dBm)
27.35

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
10.83	10.39	5.72	37.43	58.62

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

CF Freq
6.895GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
20MHz



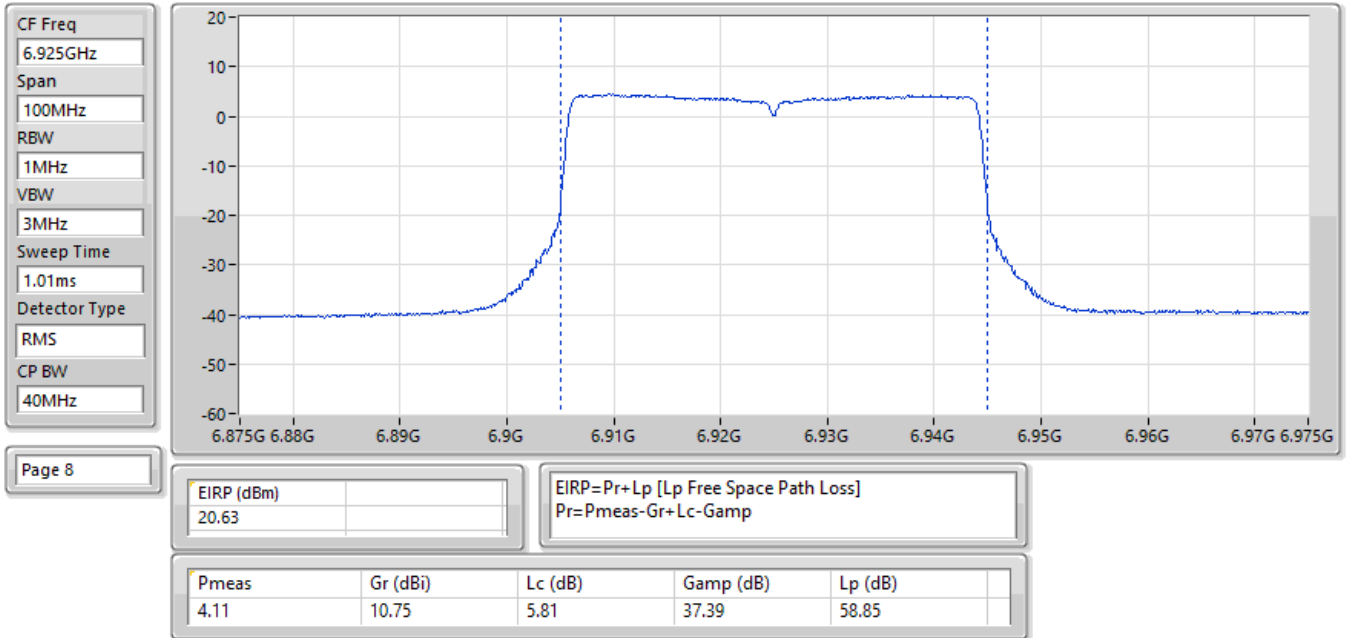
Page 8

EIRP (dBm)
17.58

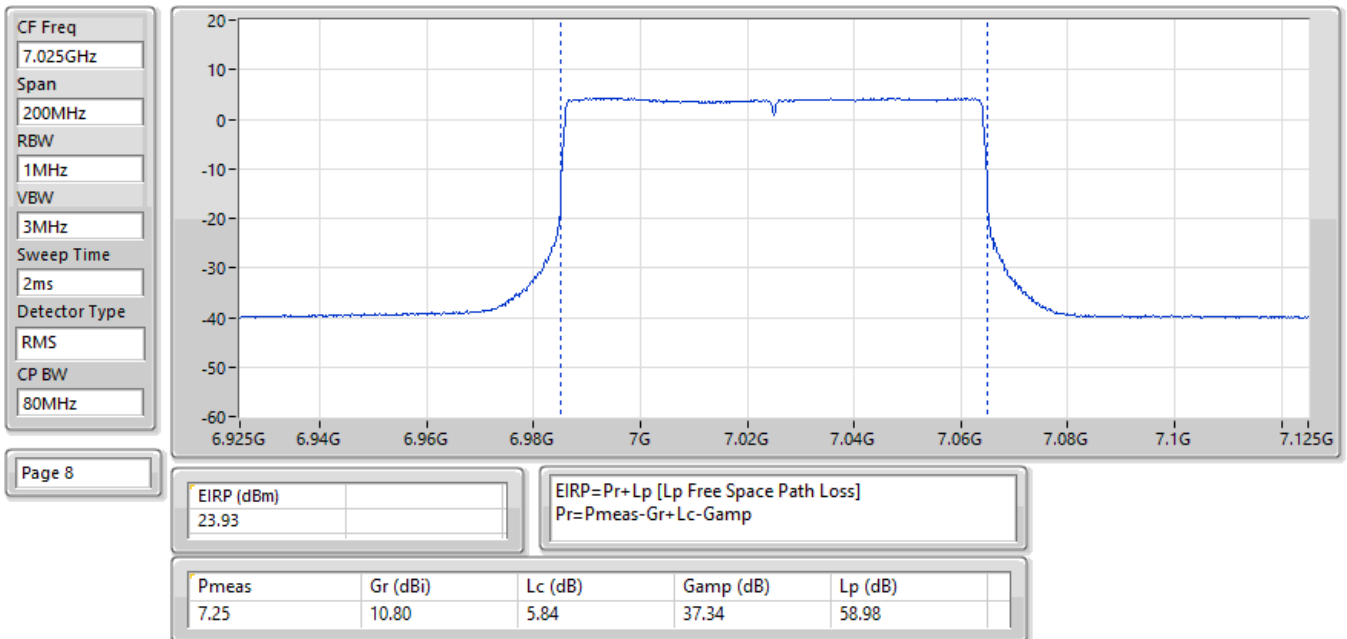
EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
1.06	10.70	5.80	37.39	58.81

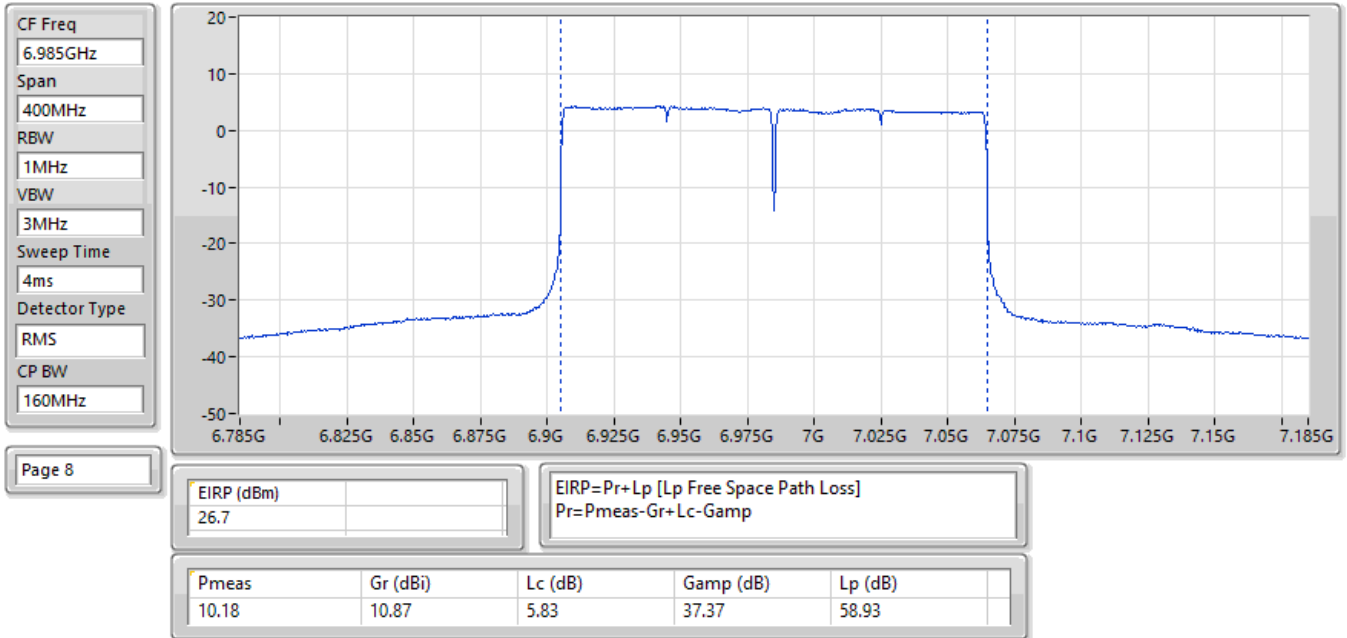
EIRP:Band:7.0G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6925MHz;TX



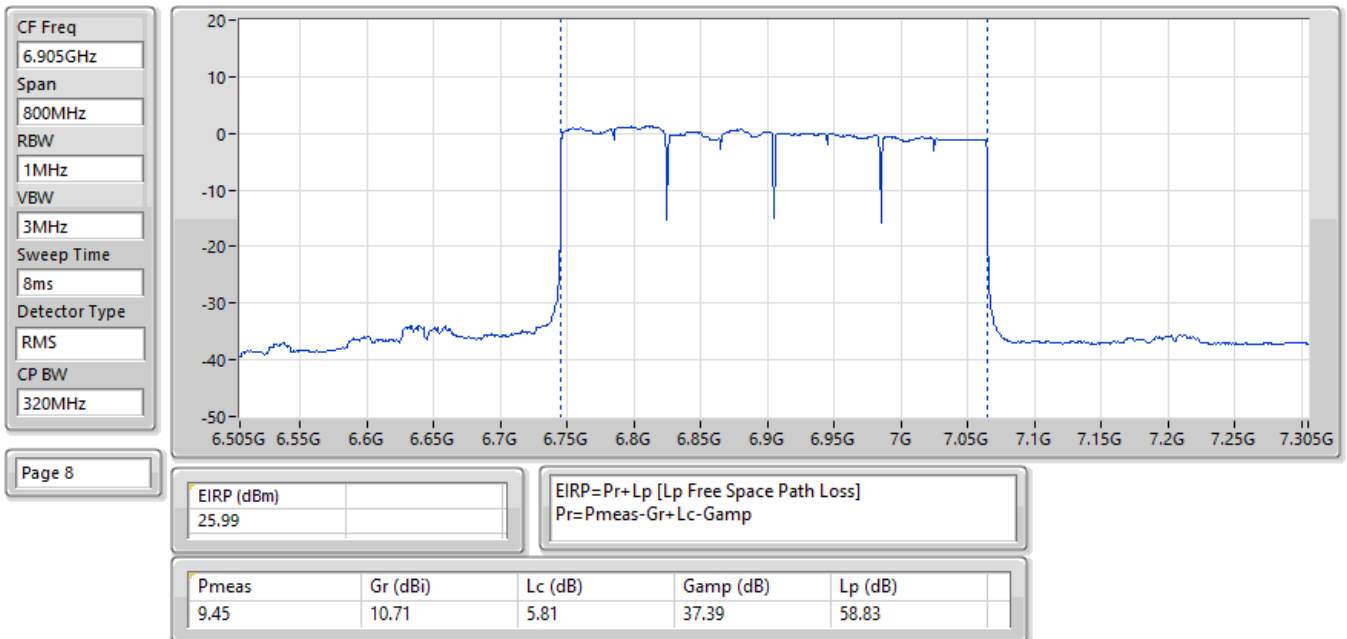
EIRP:Band:7.0G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:7025MHz;TX



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	4.95
802.11be EHT40_Nss1,(MCS0)_1TX	4.86
802.11be EHT80_Nss1,(MCS0)_1TX	4.32
802.11be EHT160_Nss1,(MCS0)_1TX	1.77
802.11be EHT320_Nss1,(MCS0)_1TX	-1.46
6.425-6.525GHz	-
802.11be EHT20_Nss1,(MCS0)_1TX	4.92
802.11be EHT40_Nss1,(MCS0)_1TX	4.97
802.11be EHT80_Nss1,(MCS0)_1TX	4.20
802.11be EHT160_Nss1,(MCS0)_1TX	1.21
802.11be EHT320_Nss1,(MCS0)_1TX	-1.26
6.525-6.875GHz	-
802.11be EHT20_Nss1,(MCS0)_1TX	4.98
802.11be EHT40_Nss1,(MCS0)_1TX	4.89
802.11be EHT80_Nss1,(MCS0)_1TX	4.94
802.11be EHT160_Nss1,(MCS0)_1TX	3.18
802.11be EHT320_Nss1,(MCS0)_1TX	0.02
6.875-7.125GHz	-
802.11be EHT20_Nss1,(MCS0)_1TX	4.93
802.11be EHT40_Nss1,(MCS0)_1TX	4.87
802.11be EHT80_Nss1,(MCS0)_1TX	4.99
802.11be EHT160_Nss1,(MCS0)_1TX	2.30
802.11be EHT320_Nss1,(MCS0)_1TX	0.21

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

**Result**

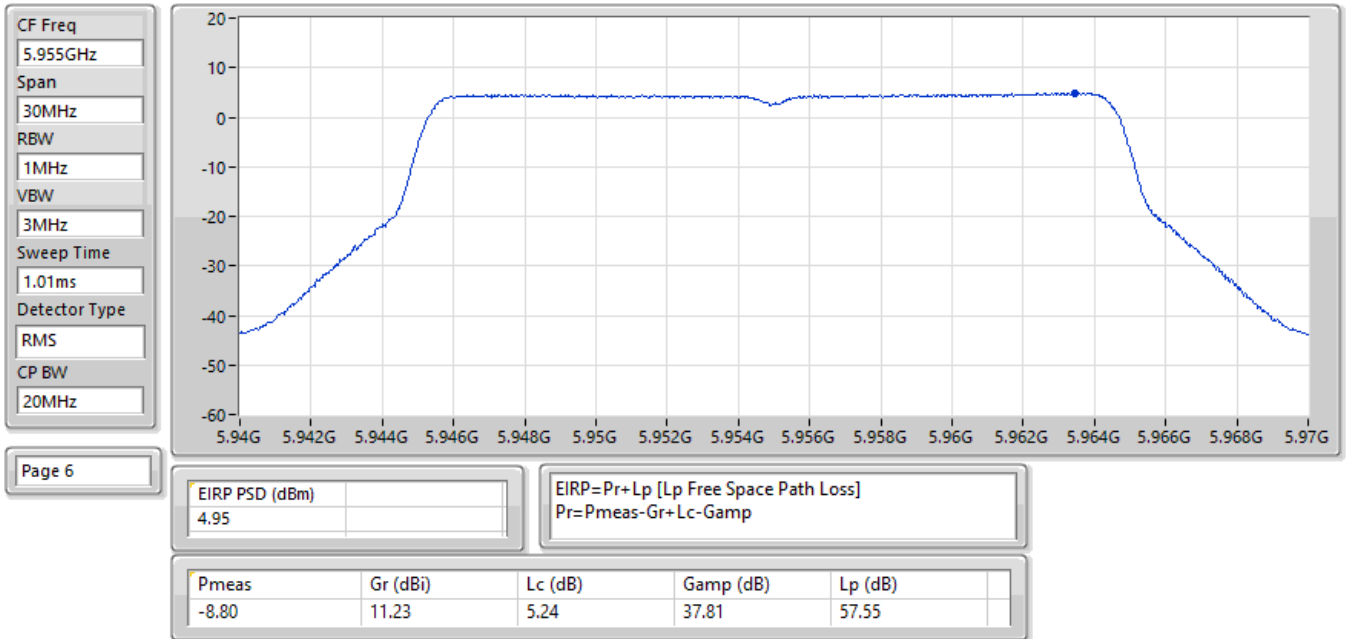
Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-
5955MHz	Pass	4.95	5.00
6195MHz	Pass	4.72	5.00
6415MHz	Pass	4.74	5.00
6435MHz	Pass	4.90	5.00
6475MHz	Pass	4.92	5.00
6515MHz	Pass	4.56	5.00
6535MHz	Pass	4.78	5.00
6695MHz	Pass	4.98	5.00
6875MHz	Pass	4.59	5.00
6895MHz	Pass	4.51	5.00
6995MHz	Pass	4.93	5.00
7095MHz	Pass	4.35	5.00
7115MHz	Pass	-4.35	5.00
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-
5965MHz	Pass	4.61	5.00
6205MHz	Pass	4.64	5.00
6405MHz	Pass	4.86	5.00
6445MHz	Pass	4.97	5.00
6485MHz	Pass	4.72	5.00
6525MHz	Pass	4.73	5.00
6565MHz	Pass	4.89	5.00
6685MHz	Pass	4.72	5.00
6885MHz	Pass	4.73	5.00
6925MHz	Pass	4.85	5.00
7005MHz	Pass	4.56	5.00
7085MHz	Pass	4.87	5.00
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-
5985MHz	Pass	4.32	5.00
6225MHz	Pass	2.17	5.00
6385MHz	Pass	3.17	5.00
6465MHz	Pass	4.20	5.00
6545MHz	Pass	4.02	5.00
6625MHz	Pass	4.19	5.00
6705MHz	Pass	4.63	5.00
6785MHz	Pass	4.94	5.00
6865MHz	Pass	4.85	5.00
6945MHz	Pass	4.99	5.00
7025MHz	Pass	4.97	5.00
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-
6025MHz	Pass	1.77	5.00
6185MHz	Pass	0.55	5.00
6345MHz	Pass	0.69	5.00
6505MHz	Pass	1.21	5.00
6665MHz	Pass	2.00	5.00
6825MHz	Pass	3.18	5.00
6985MHz	Pass	2.30	5.00
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-
6105MHz	Pass	-1.73	5.00
6265MHz	Pass	-2.42	5.00
6425MHz	Pass	-1.46	5.00
6585MHz	Pass	-1.26	5.00
6745MHz	Pass	0.02	5.00
6905MHz	Pass	0.21	5.00



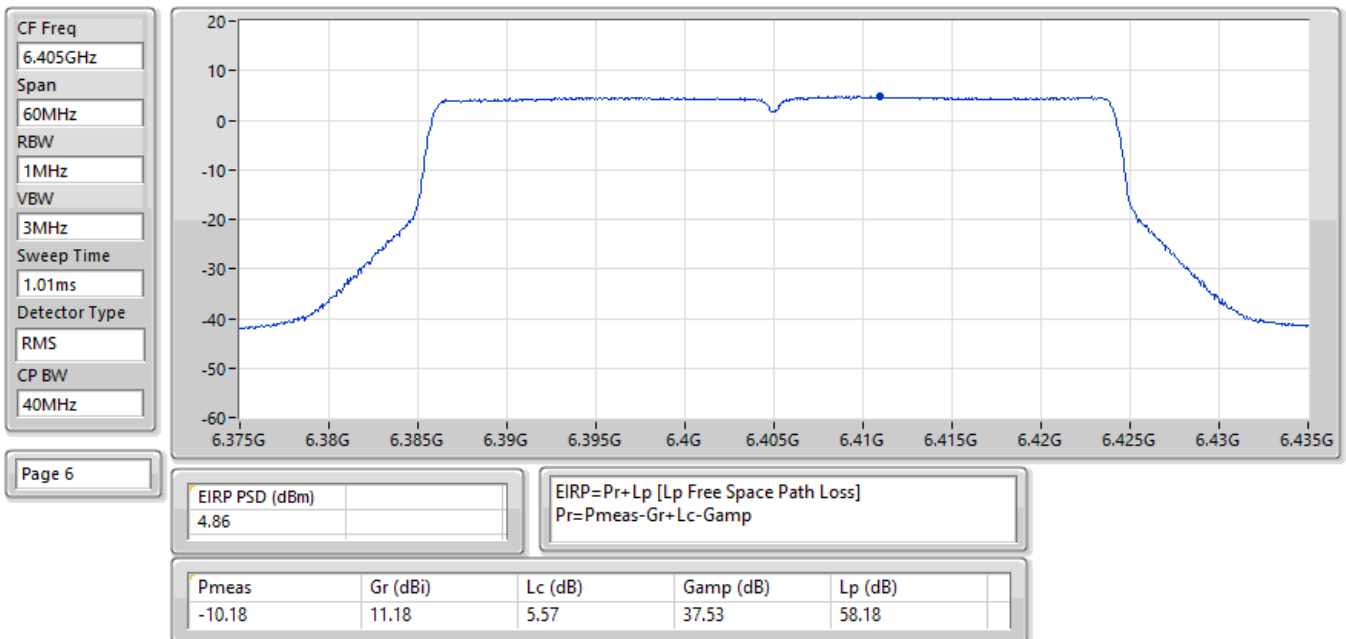
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.



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

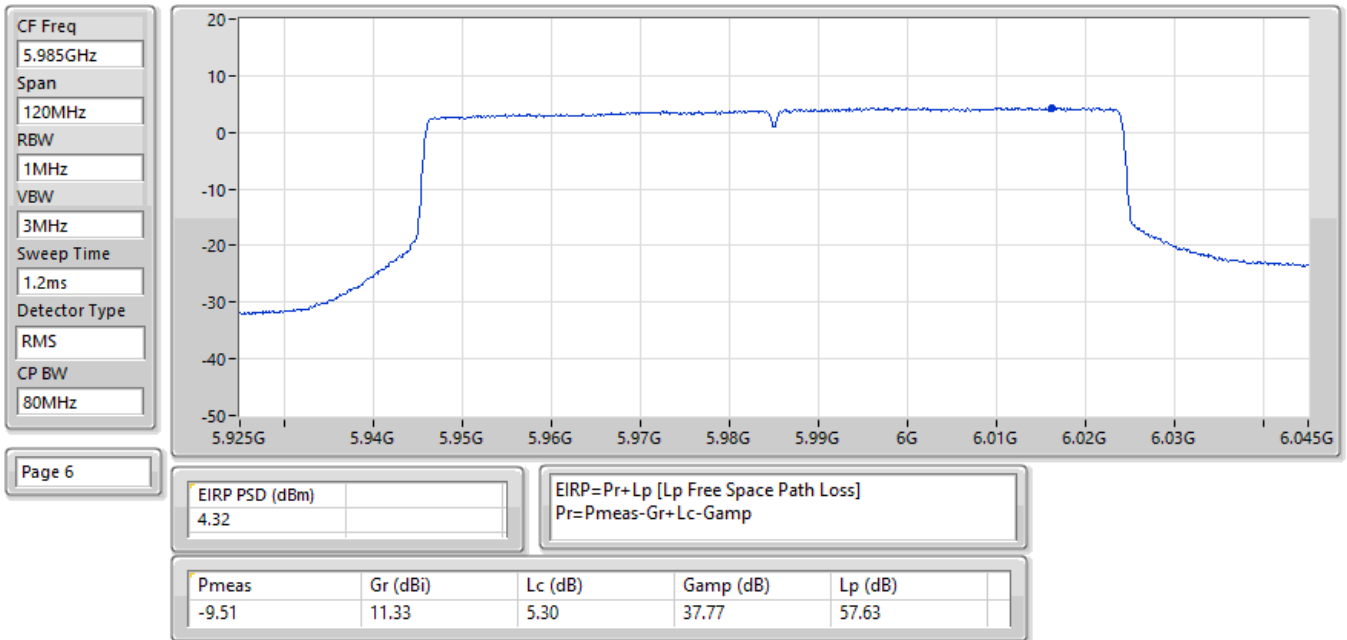


EIRP PSD;Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:6405MHz;TX

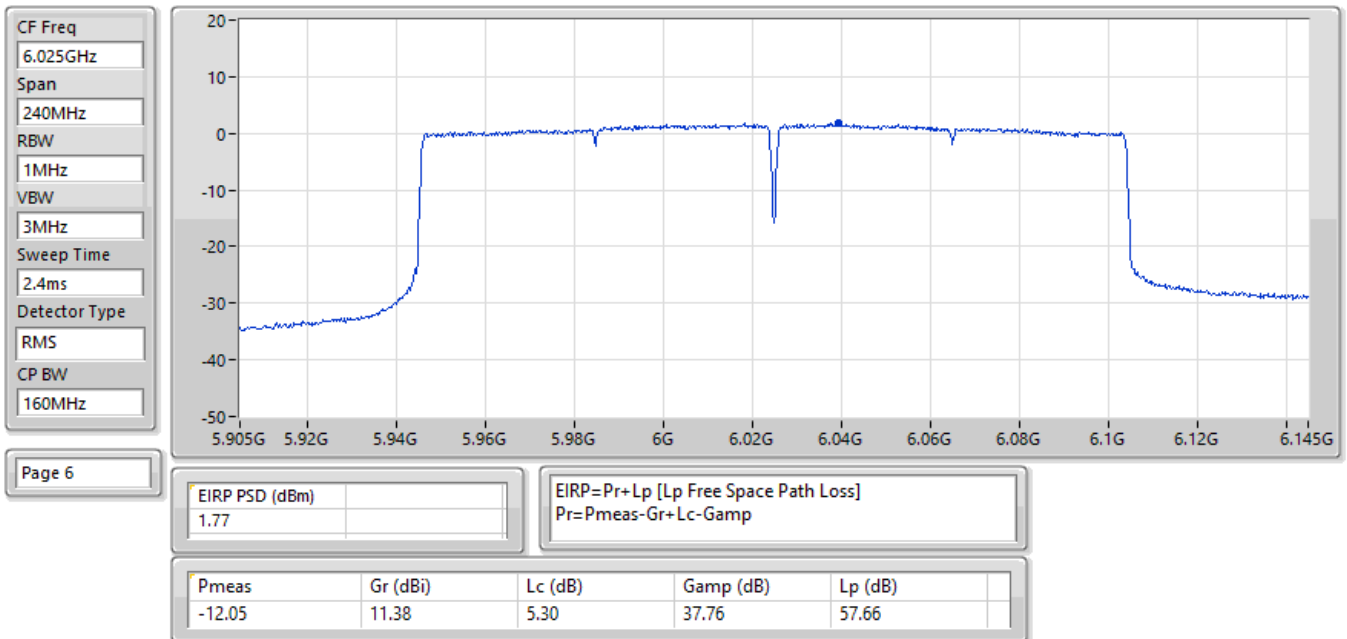




EIRP PSD;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:5985MHz;TX

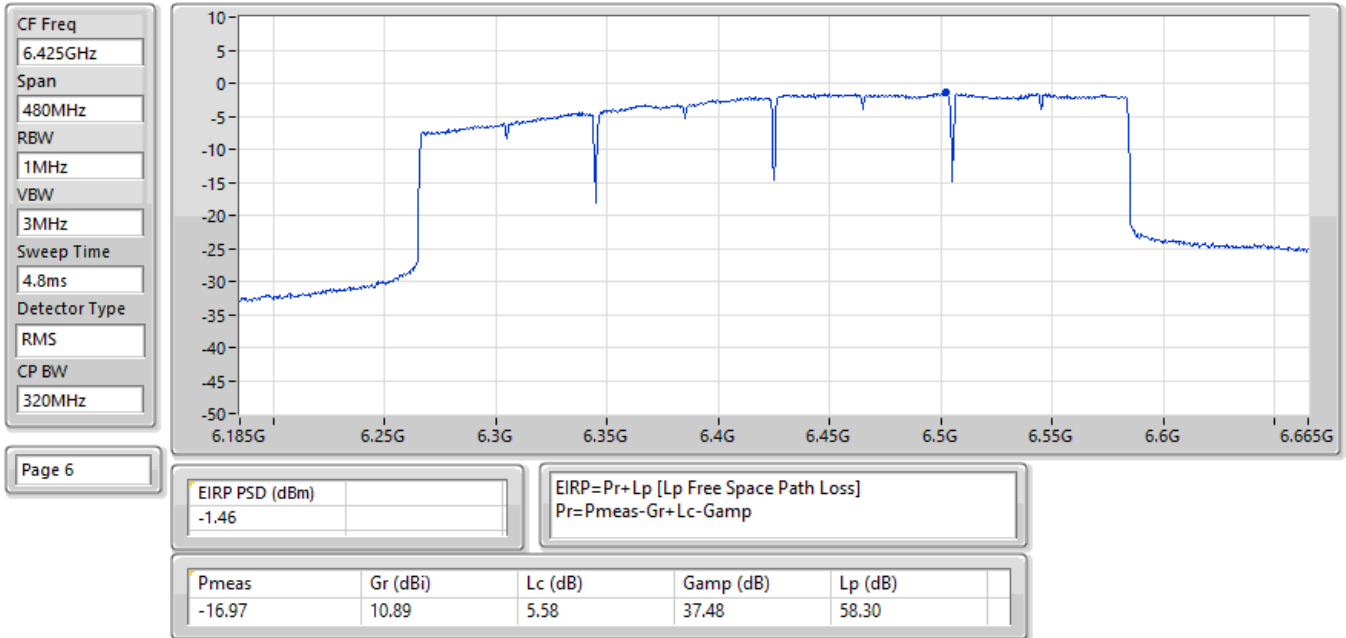


EIRP PSD;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:1;Ch:6025MHz;TX

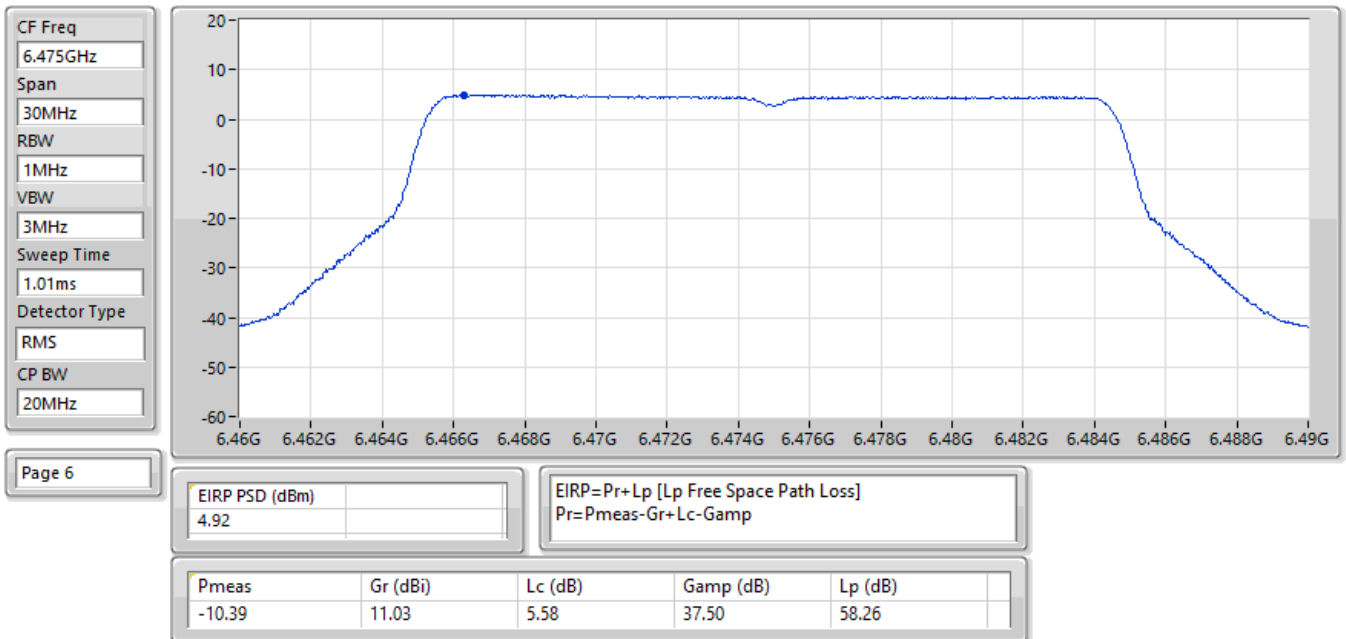




EIRP PSD;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0);Nant:1;Ch:6425MHz;TX

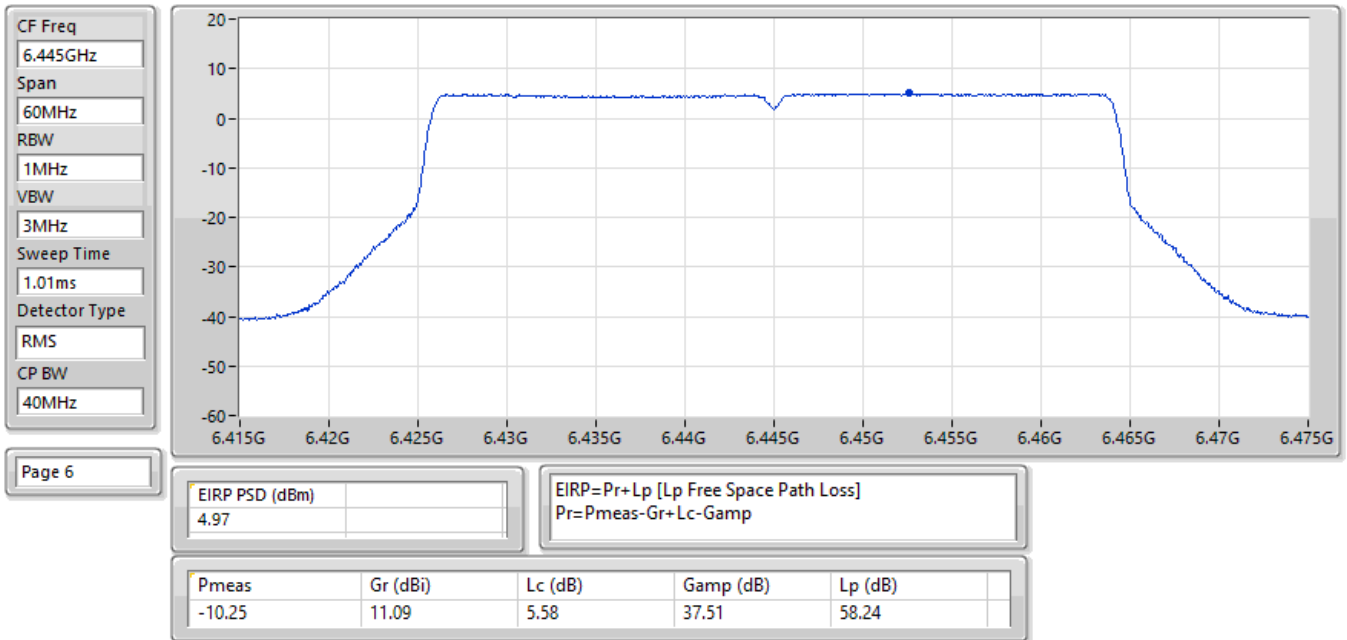


EIRP PSD;Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:6475MHz;TX

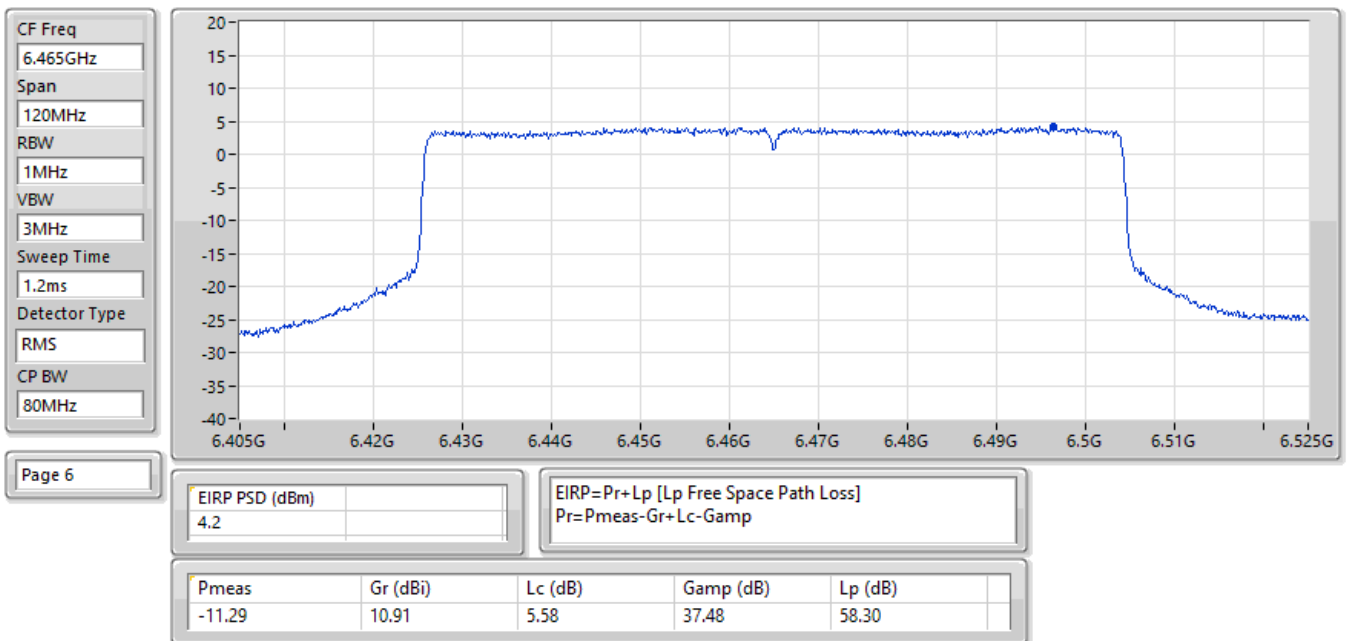




EIRP PSD;Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:6445MHz;TX

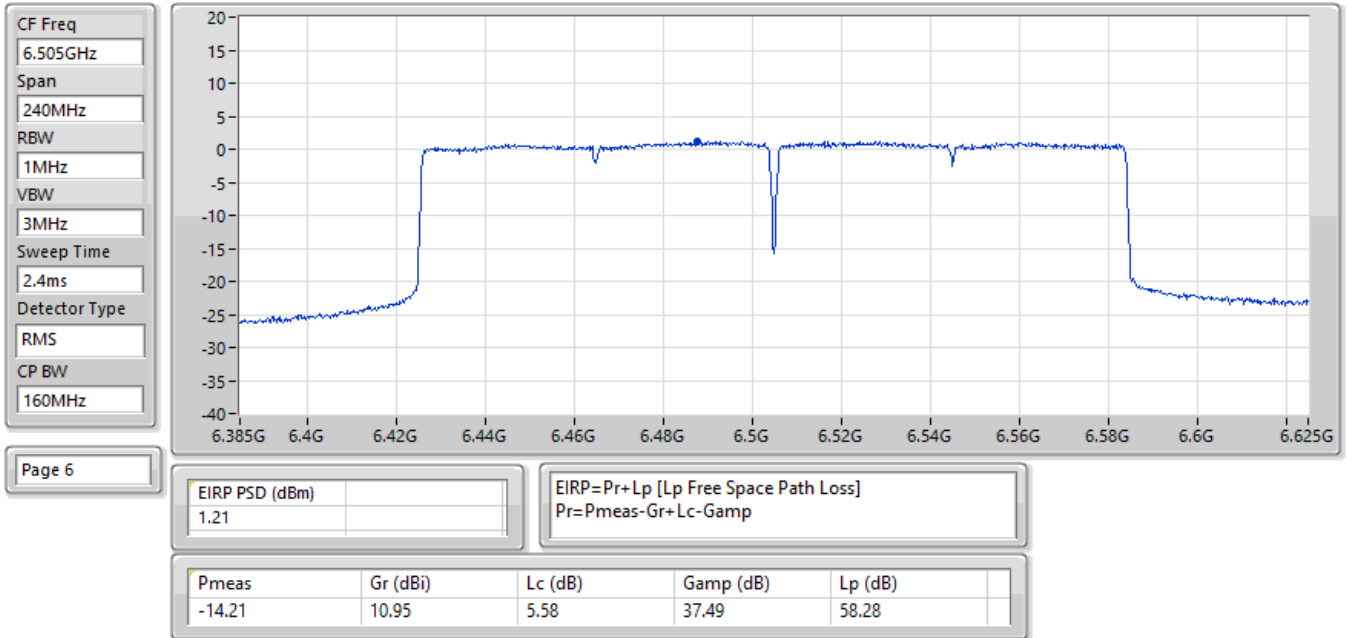


EIRP PSD;Band:6.4G;be80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:6465MHz;TX

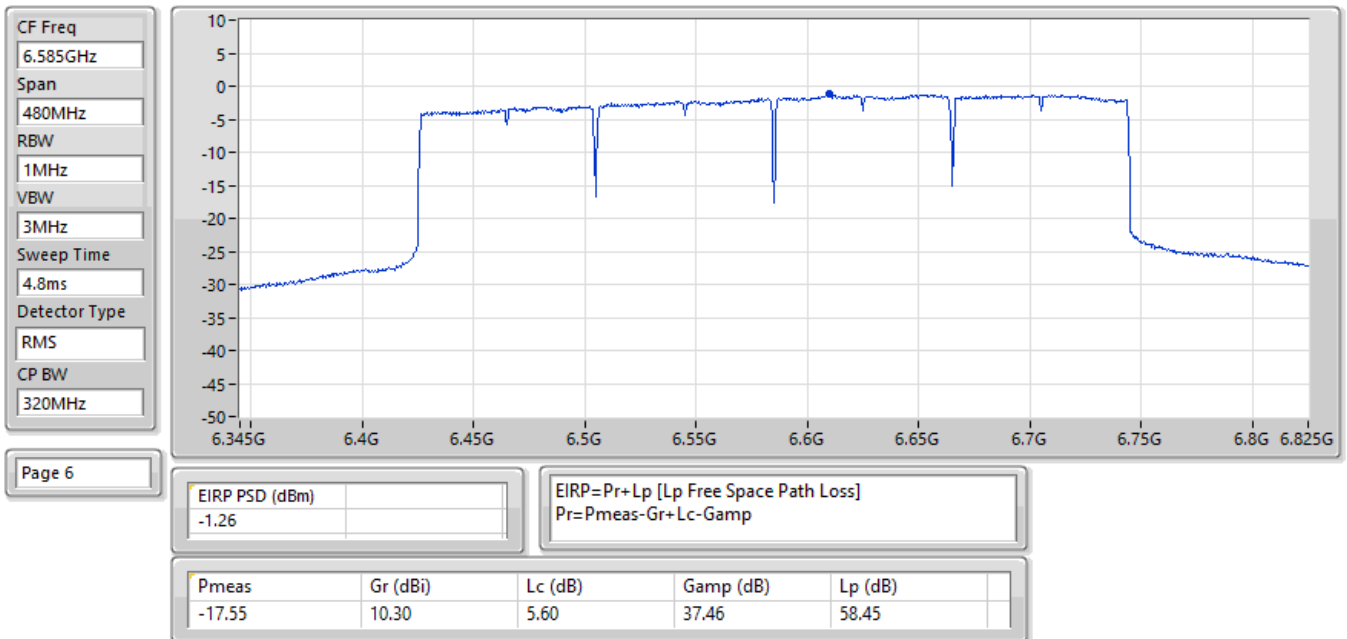




EIRP PSD;Band:6.4G;be160;BWch:160MHz;Nss:1,(M0);Nant:1;Ch:6505MHz;TX

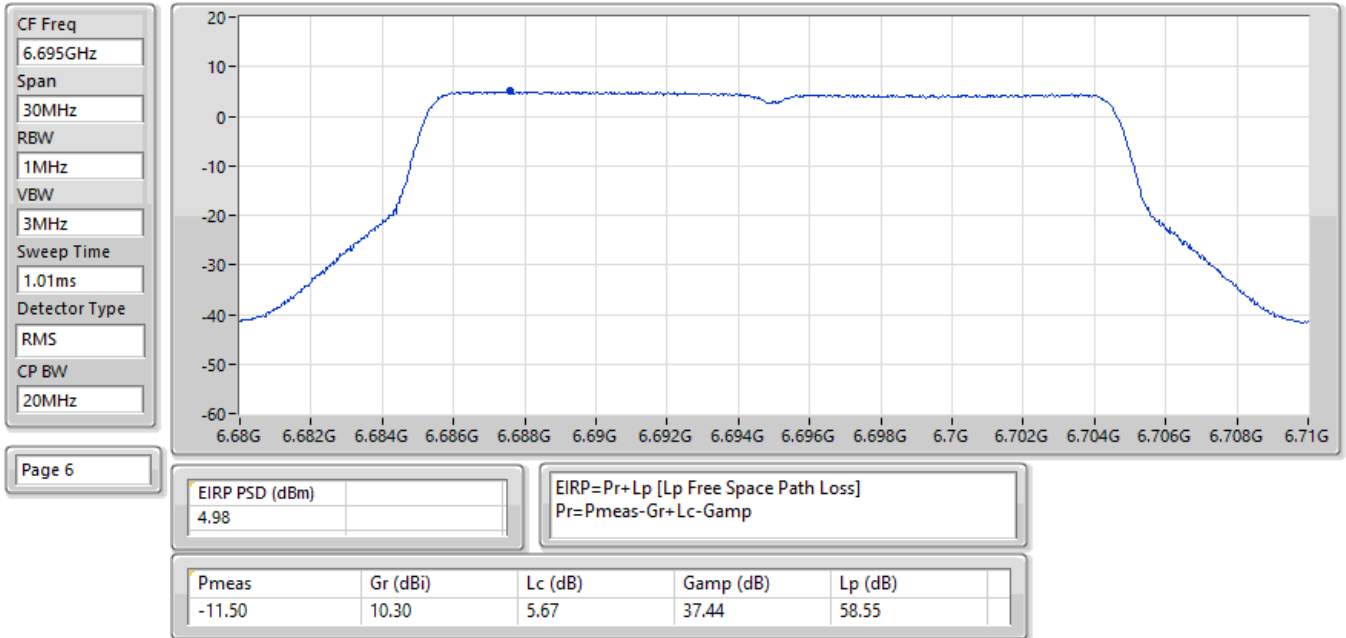


EIRP PSD;Band:6.4G;be320;BWch:320MHz;Nss:1,(M0);Nant:1;Ch:6585MHz;TX

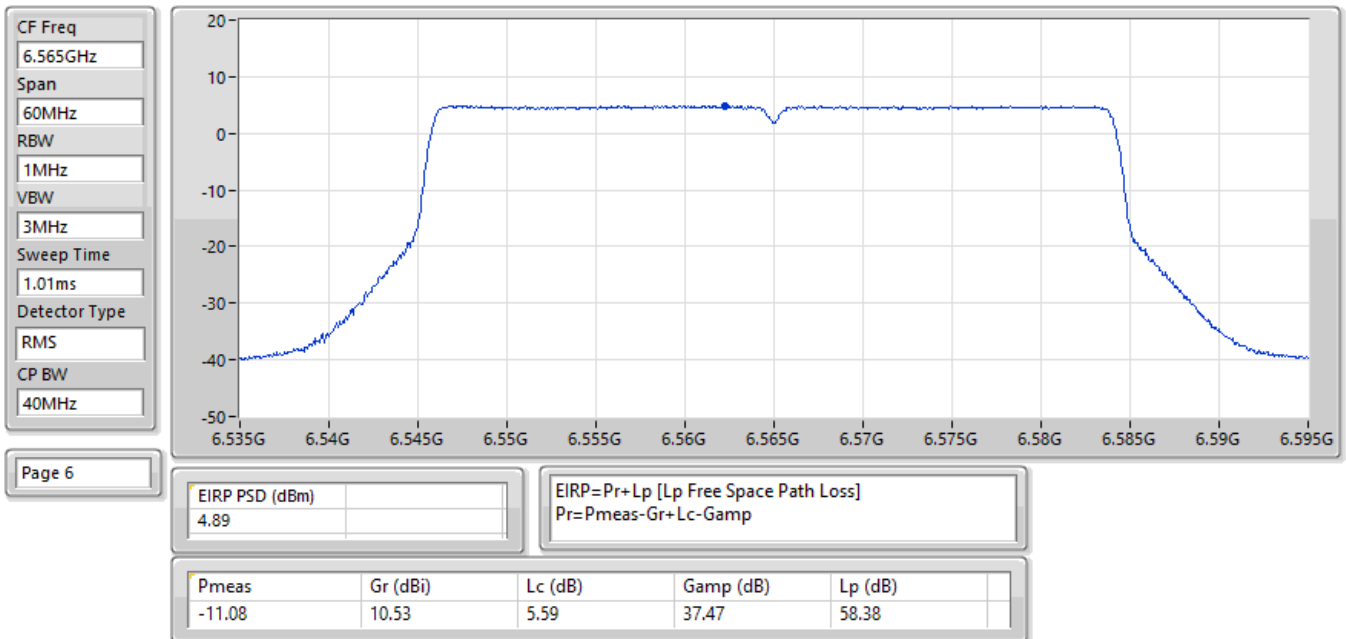




EIRP PSD;Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:6695MHz;TX

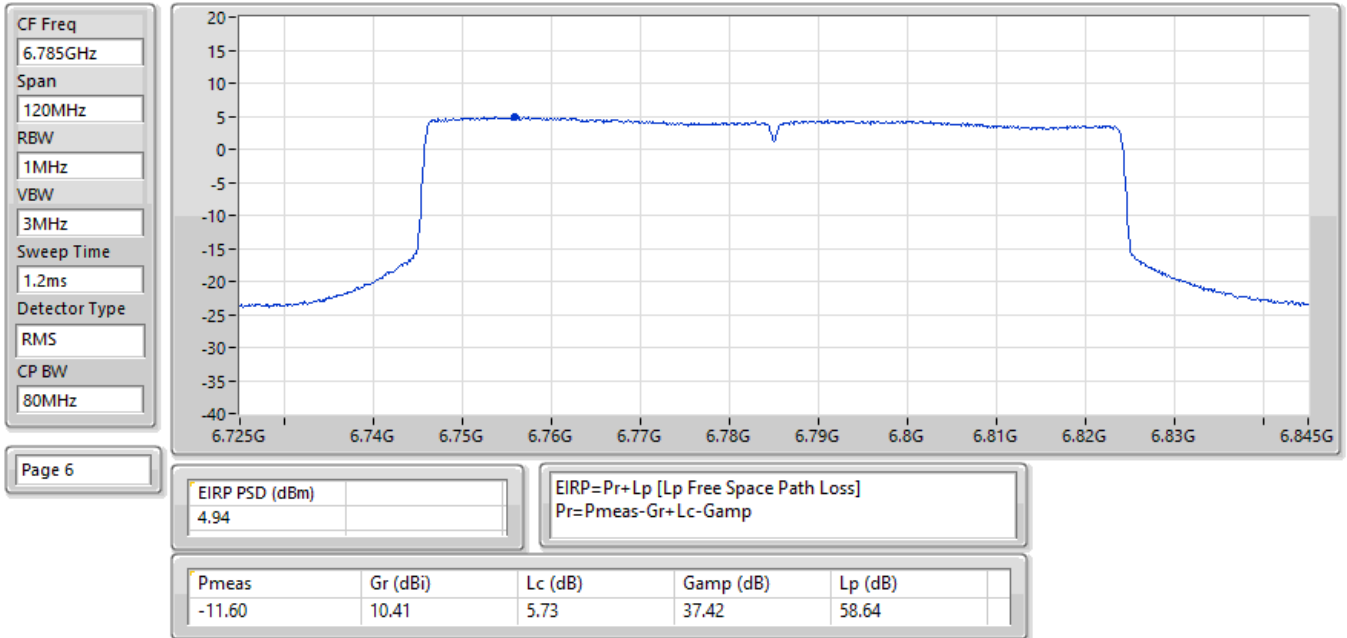


EIRP PSD;Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:6565MHz;TX

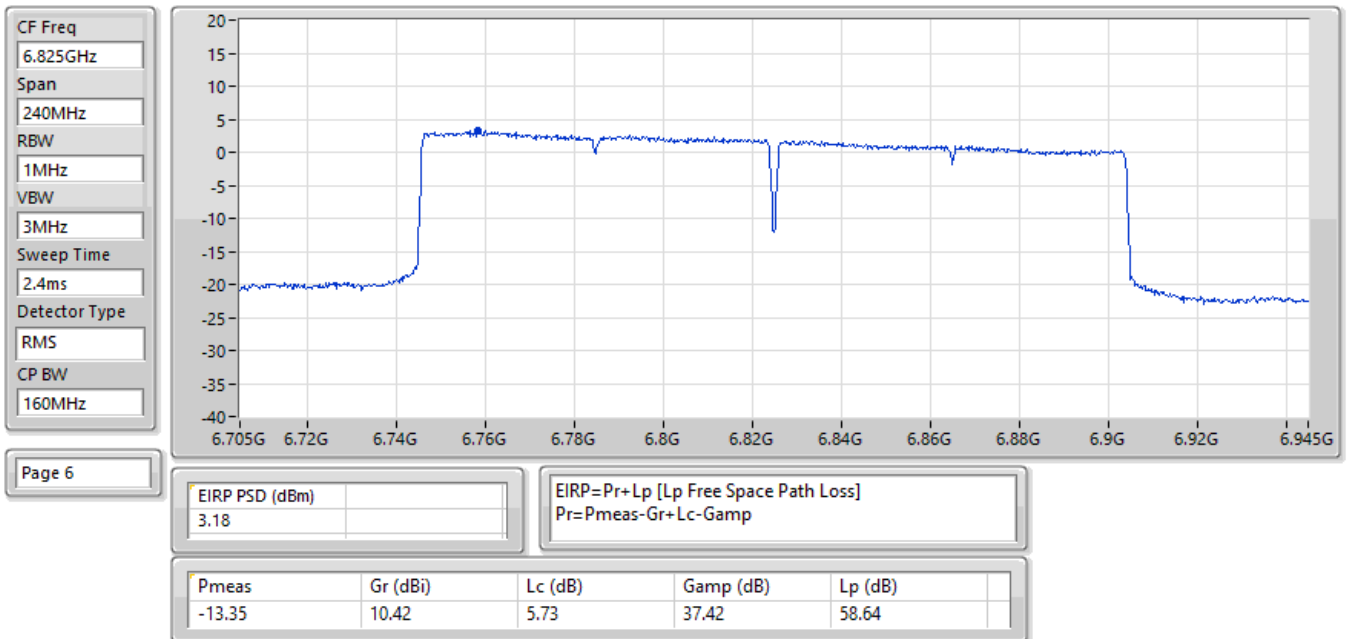




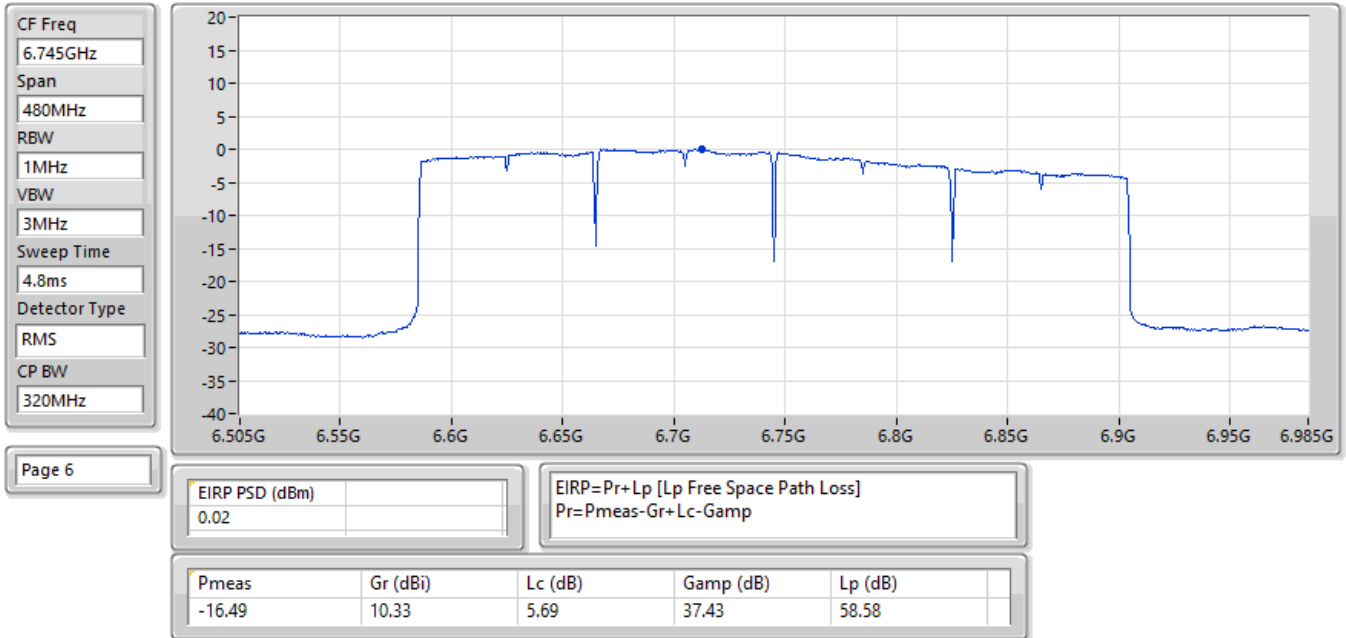
EIRP PSD;Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:6785MHz;TX



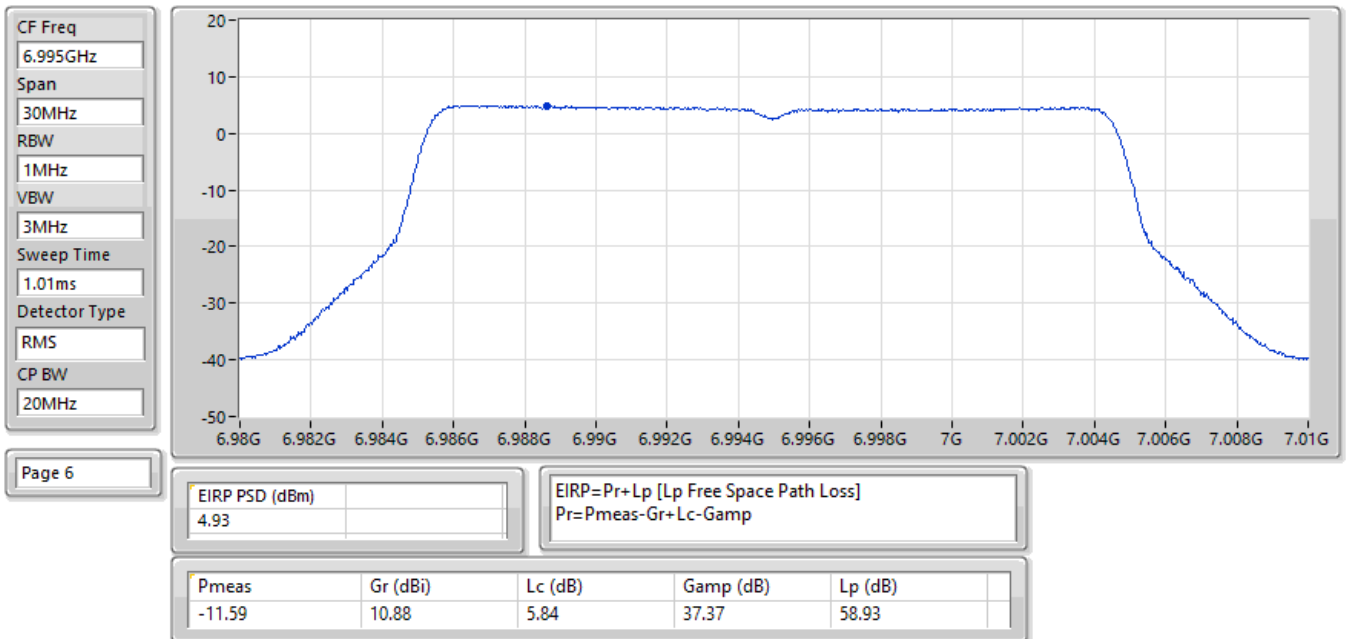
EIRP PSD;Band:6.7G;be160;BWch:160MHz;Nss:1,(M0);Nant:1;Ch:6825MHz;TX



EIRP PSD;Band:6.7G;be320;BWch:320MHz;Nss:1,(M0);Nant:1;Ch:6745MHz;TX

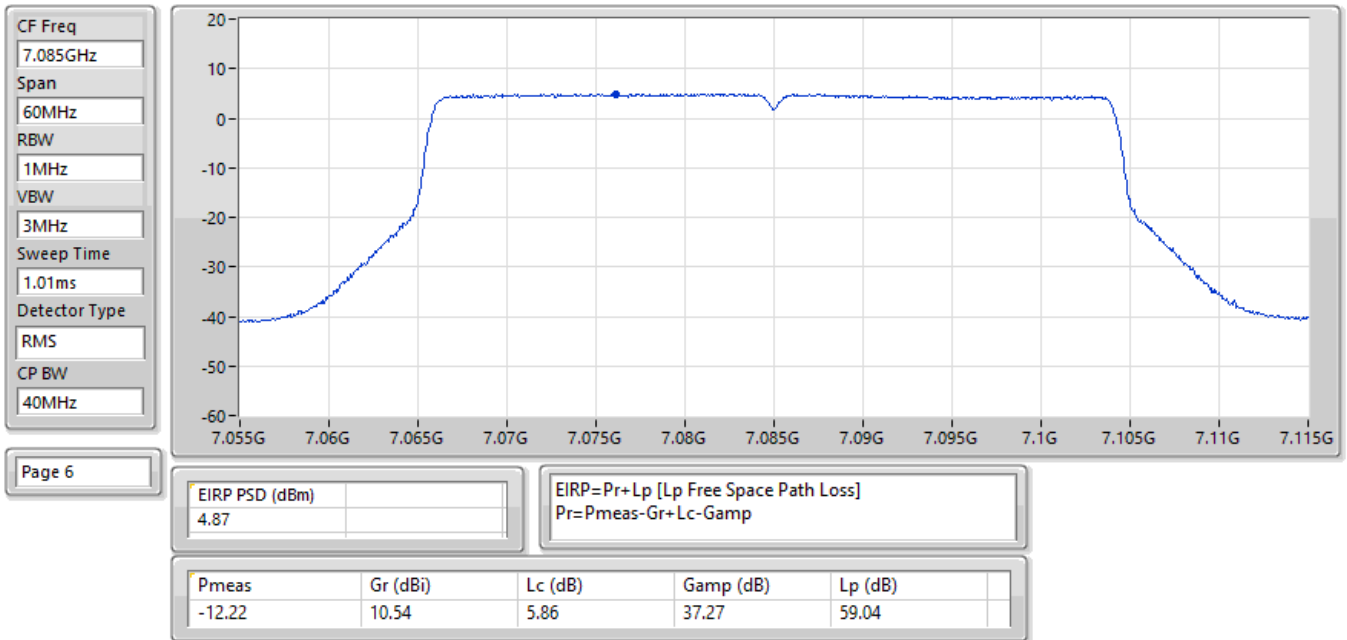


EIRP PSD;Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:6995MHz;TX

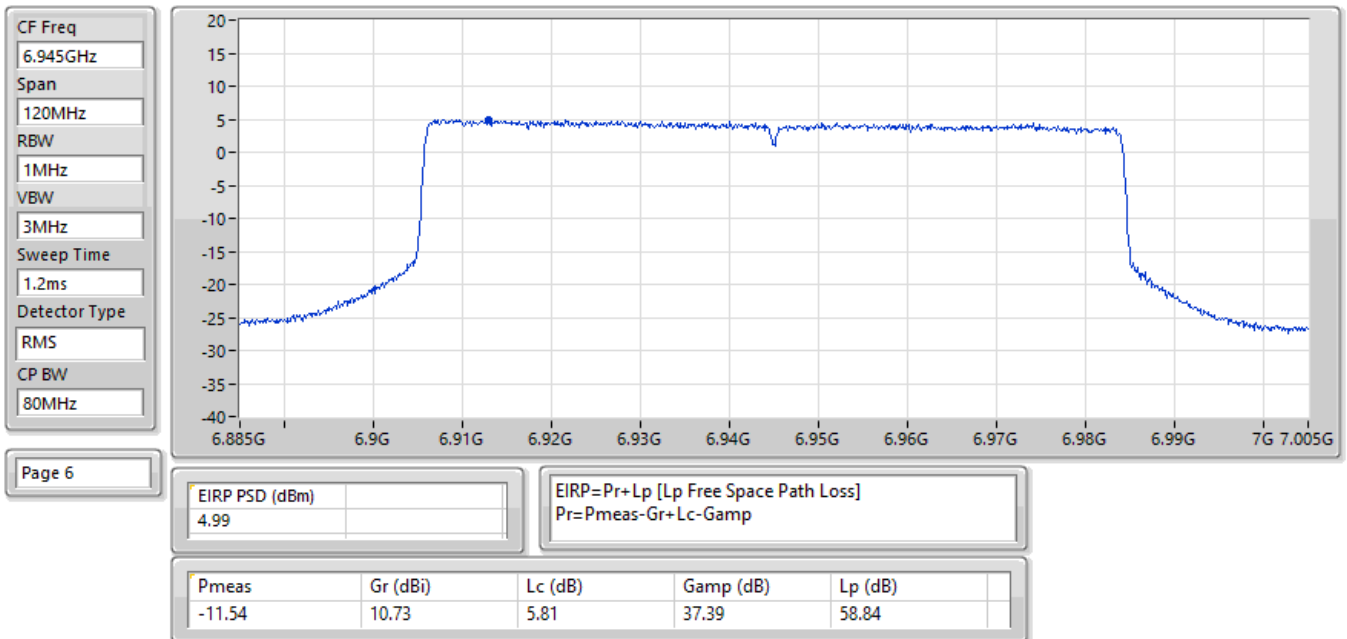




EIRP PSD;Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:7085MHz;TX

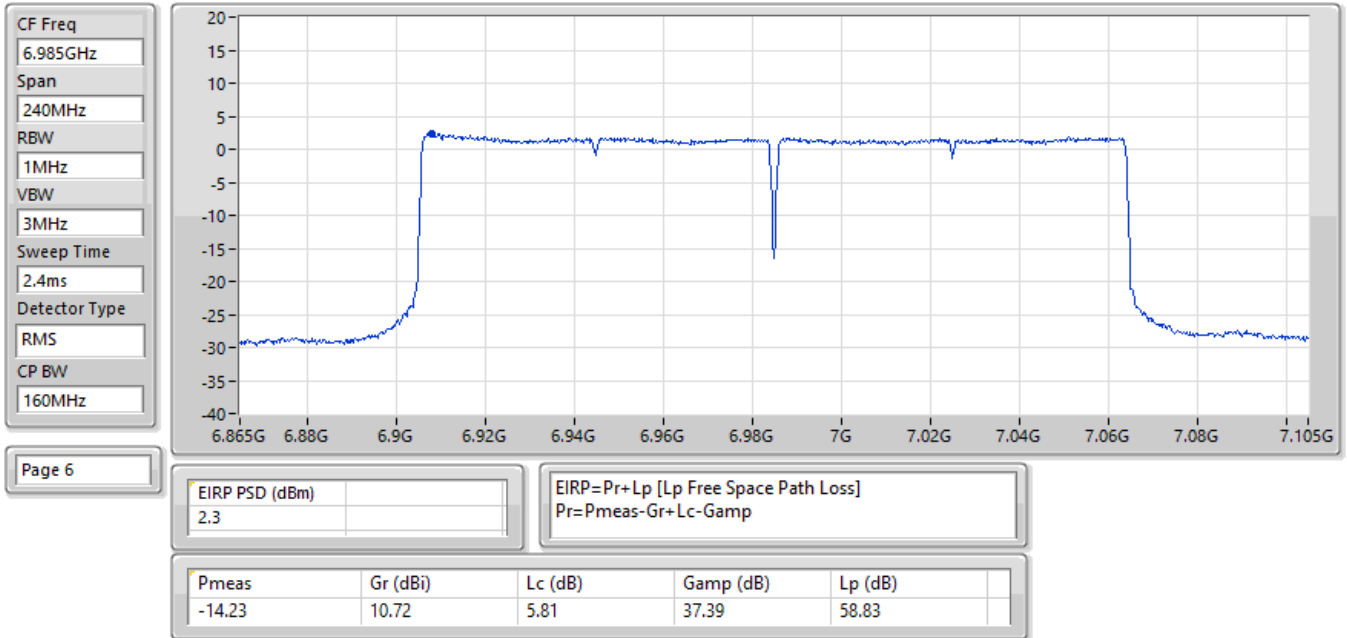


EIRP PSD;Band:7.0G;be80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:6945MHz;TX

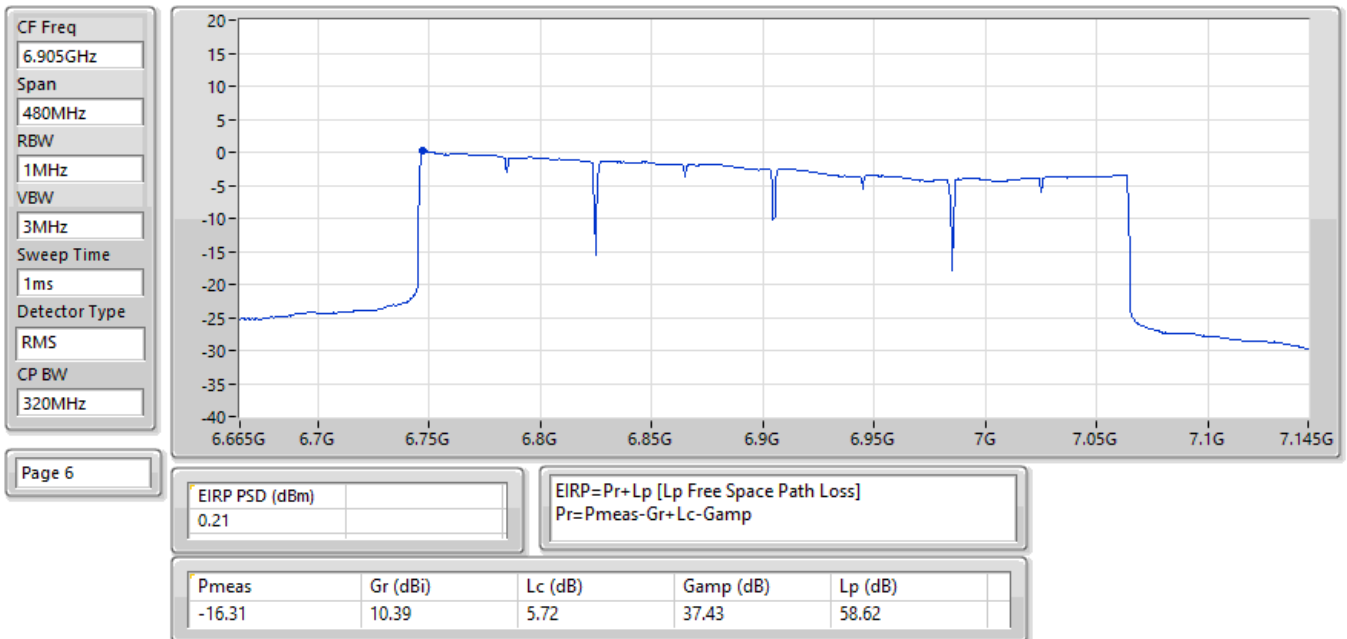




EIRP PSD;Band:7.0G;be160;BWch:160MHz;Nss:1,(M0);Nant:1;Ch:6985MHz;TX



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



**Summary**

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	3.16
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX	1.23
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 6_1TX	-2.04
6.525-6.875GHz	-
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_1TX	-0.75
6.875-7.125GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	3.76
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX	2.25

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 EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	-	-	-
5985MHz	Pass	3.16	5.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-	-	-
7025MHz	Pass	3.76	5.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX	-	-	-
6025MHz	Pass	1.09	5.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX	-	-	-
6025MHz	Pass	1.23	5.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_1TX	-	-	-
6985MHz	Pass	2.24	5.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX	-	-	-
6985MHz	Pass	2.25	5.00
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 2_1TX	-	-	-
6105MHz	Pass	-2.18	5.00
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 4_1TX	-	-	-
6105MHz	Pass	-2.87	5.00
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 6_1TX	-	-	-
6105MHz	Pass	-2.04	5.00
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 5_1TX	-	-	-
6905MHz	Pass	-2.14	5.00
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_1TX	-	-	-
6905MHz	Pass	-0.75	5.00
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 10_1TX	-	-	-
6905MHz	Pass	-1.81	5.00

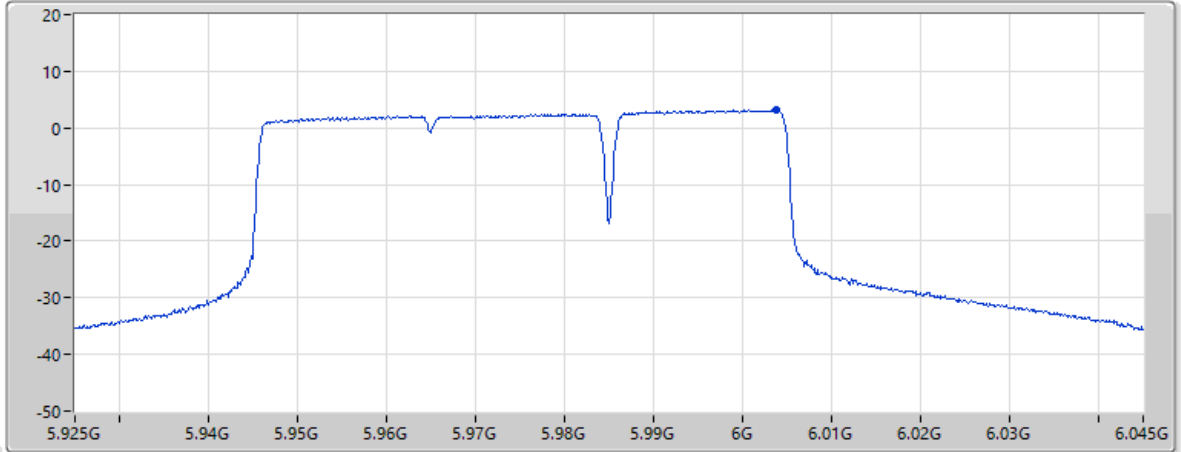
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.



24/12/2024

EIRP PSD;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 CP 4;Nant:1(1);Ch:5985MHz;TX

CF Freq
5.985GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.2ms
Detector Type
RMS
CP BW
80MHz



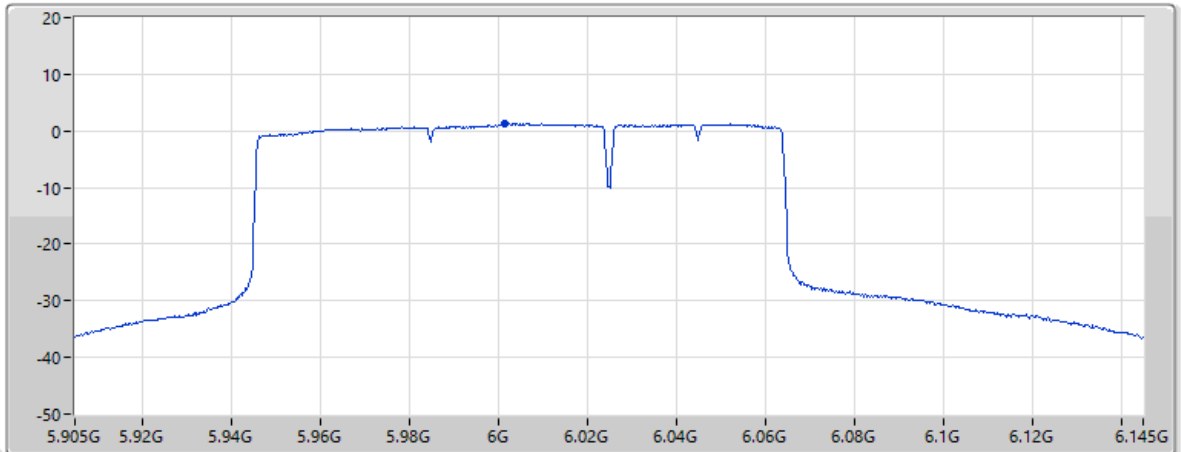
Page 5

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
3.16				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-10.65	11.31	5.29	37.78	57.61

24/12/2024

EIRP PSD;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484 CP 4;Nant:1(1);Ch:6025MHz;TX

CF Freq
6.025GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2.4ms
Detector Type
RMS
CP BW
160MHz



Page 5

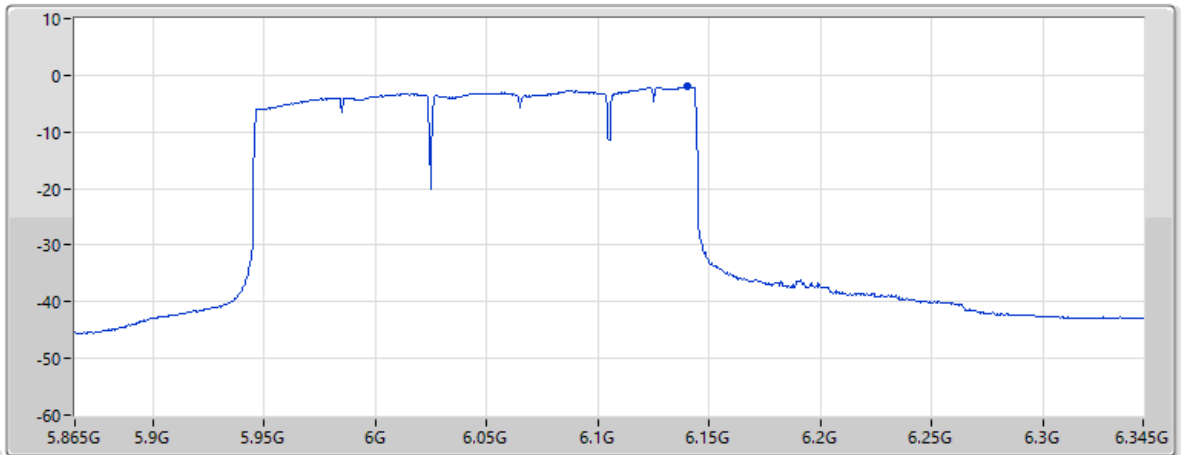
EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
1.23				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-12.59	11.30	5.29	37.78	57.61



24/12/2024

EIRP PSD;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0),2xRU996+RU484 CP 6;Nant:1(1);Ch:6105MHz;TX

CF Freq
6.105GHz
Span
480MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.8ms
Detector Type
RMS
CP BW
320MHz



Page 5

EIRP PSD (dBm)
-2.04

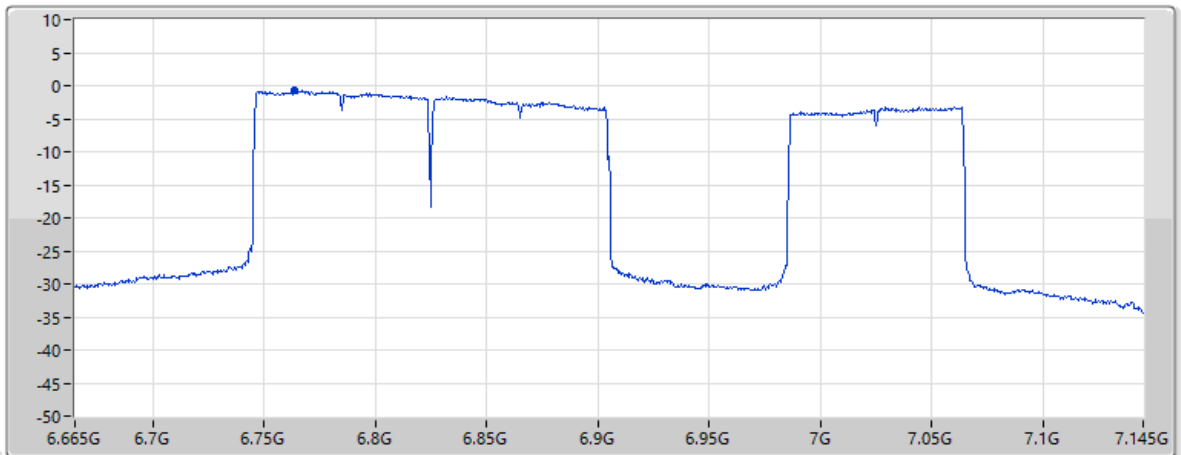
EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-16.07	11.42	5.34	37.70	57.81

24/12/2024

EIRP PSD;Band:6.7G;be320;BWch:320MHz;Nss:1,(M0),3xRU996 CP 3;Nant:1(1);Ch:6905MHz;TX

CF Freq
6.905GHz
Span
480MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.8ms
Detector Type
RMS
CP BW
320MHz



Page 6

EIRP PSD (dBm)
-0.75

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

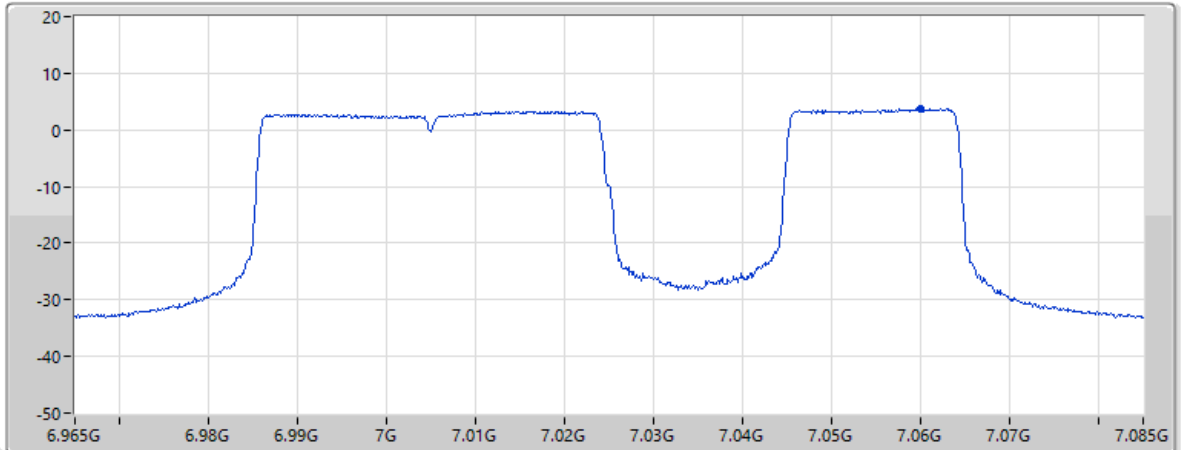
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-17.29	10.43	5.74	37.42	58.65



24/12/2024

EIRP PSD;Band:7.0G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 CP 3;Nant:1(1);Ch:7025MHz;TX

CF Freq
7.025GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.2ms
Detector Type
RMS
CP BW
80MHz



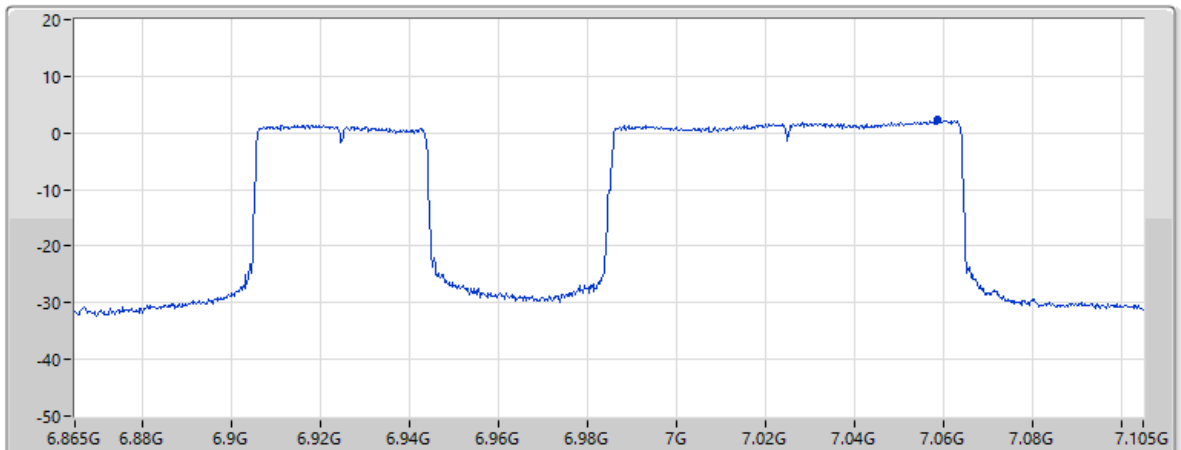
Page 6

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
3.76				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-13.18	10.64	5.85	37.29	59.02

24/12/2024

EIRP PSD;Band:7.0G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484 CP 2;Nant:1(1);Ch:6985MHz;TX

CF Freq
6.985GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2.4ms
Detector Type
RMS
CP BW
160MHz



Page 6

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
2.25				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-14.68	10.65	5.85	37.29	59.02

**Summary**

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	4.88
802.11be EHT40_Nss1,(MCS0)_2TX	4.81
802.11be EHT80_Nss1,(MCS0)_2TX	4.61
802.11be EHT160_Nss1,(MCS0)_2TX	4.87
802.11be EHT320_Nss1,(MCS0)_2TX	4.07
6.425-6.525GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	4.70
802.11be EHT40_Nss1,(MCS0)_2TX	4.84
802.11be EHT80_Nss1,(MCS0)_2TX	4.60
802.11be EHT160_Nss1,(MCS0)_2TX	4.53
802.11be EHT320_Nss1,(MCS0)_2TX	3.53
6.525-6.875GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	4.92
802.11be EHT40_Nss1,(MCS0)_2TX	4.96
802.11be EHT80_Nss1,(MCS0)_2TX	4.90
802.11be EHT160_Nss1,(MCS0)_2TX	4.64
802.11be EHT320_Nss1,(MCS0)_2TX	3.61
6.875-7.125GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	4.76
802.11be EHT40_Nss1,(MCS0)_2TX	4.94
802.11be EHT80_Nss1,(MCS0)_2TX	4.92
802.11be EHT160_Nss1,(MCS0)_2TX	4.94
802.11be EHT320_Nss1,(MCS0)_2TX	3.49

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

**Result**

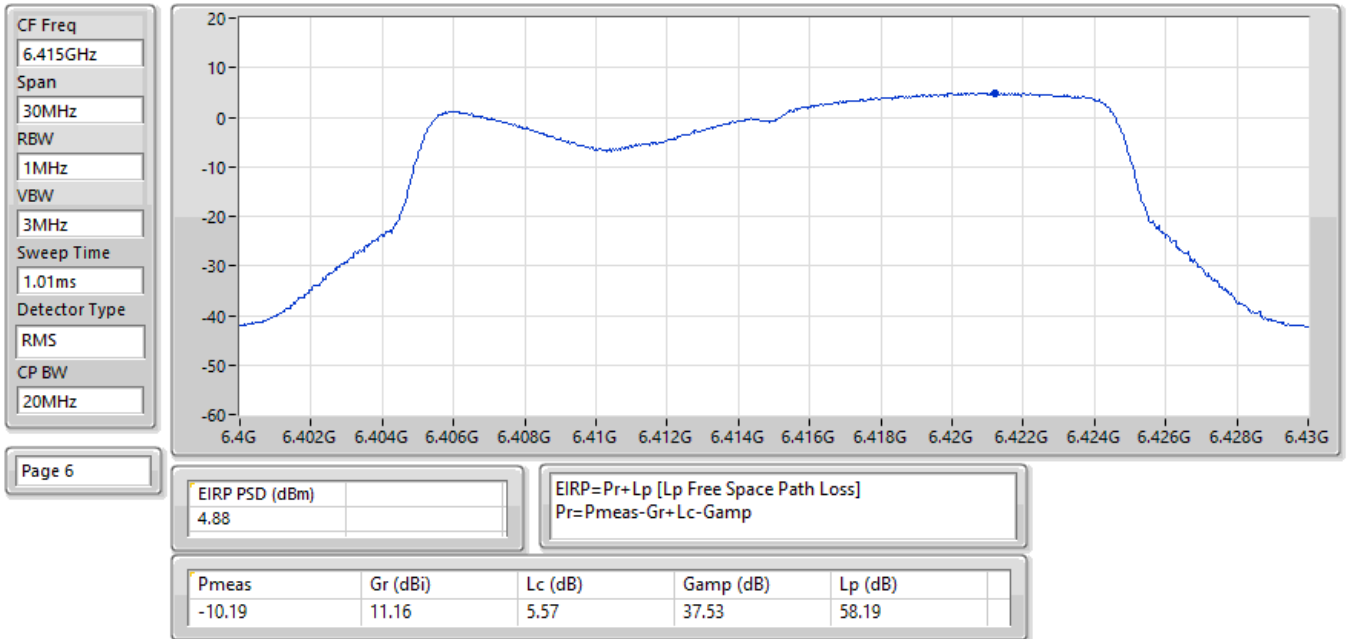
Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	4.76	5.00
6195MHz	Pass	4.70	5.00
6415MHz	Pass	4.88	5.00
6435MHz	Pass	4.70	5.00
6475MHz	Pass	4.60	5.00
6515MHz	Pass	4.59	5.00
6535MHz	Pass	4.92	5.00
6695MHz	Pass	4.85	5.00
6875MHz	Pass	4.91	5.00
6895MHz	Pass	4.60	5.00
6995MHz	Pass	4.76	5.00
7095MHz	Pass	4.57	5.00
7115MHz	Pass	0.39	5.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	4.81	5.00
6205MHz	Pass	4.49	5.00
6405MHz	Pass	4.42	5.00
6445MHz	Pass	4.61	5.00
6485MHz	Pass	4.84	5.00
6525MHz	Pass	4.74	5.00
6565MHz	Pass	4.58	5.00
6685MHz	Pass	4.92	5.00
6885MHz	Pass	4.96	5.00
6925MHz	Pass	4.94	5.00
7005MHz	Pass	4.88	5.00
7085MHz	Pass	4.87	5.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	4.61	5.00
6225MHz	Pass	4.42	5.00
6385MHz	Pass	4.45	5.00
6465MHz	Pass	4.45	5.00
6545MHz	Pass	4.60	5.00
6625MHz	Pass	4.57	5.00
6705MHz	Pass	4.90	5.00
6785MHz	Pass	4.61	5.00
6865MHz	Pass	4.74	5.00
6945MHz	Pass	4.92	5.00
7025MHz	Pass	4.81	5.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	4.64	5.00
6185MHz	Pass	4.87	5.00
6345MHz	Pass	4.40	5.00
6505MHz	Pass	4.53	5.00
6665MHz	Pass	4.64	5.00
6825MHz	Pass	4.42	5.00
6985MHz	Pass	4.94	5.00
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-
6105MHz	Pass	4.07	5.00
6265MHz	Pass	2.61	5.00
6425MHz	Pass	3.38	5.00
6585MHz	Pass	3.53	5.00
6745MHz	Pass	3.61	5.00
6905MHz	Pass	3.49	5.00



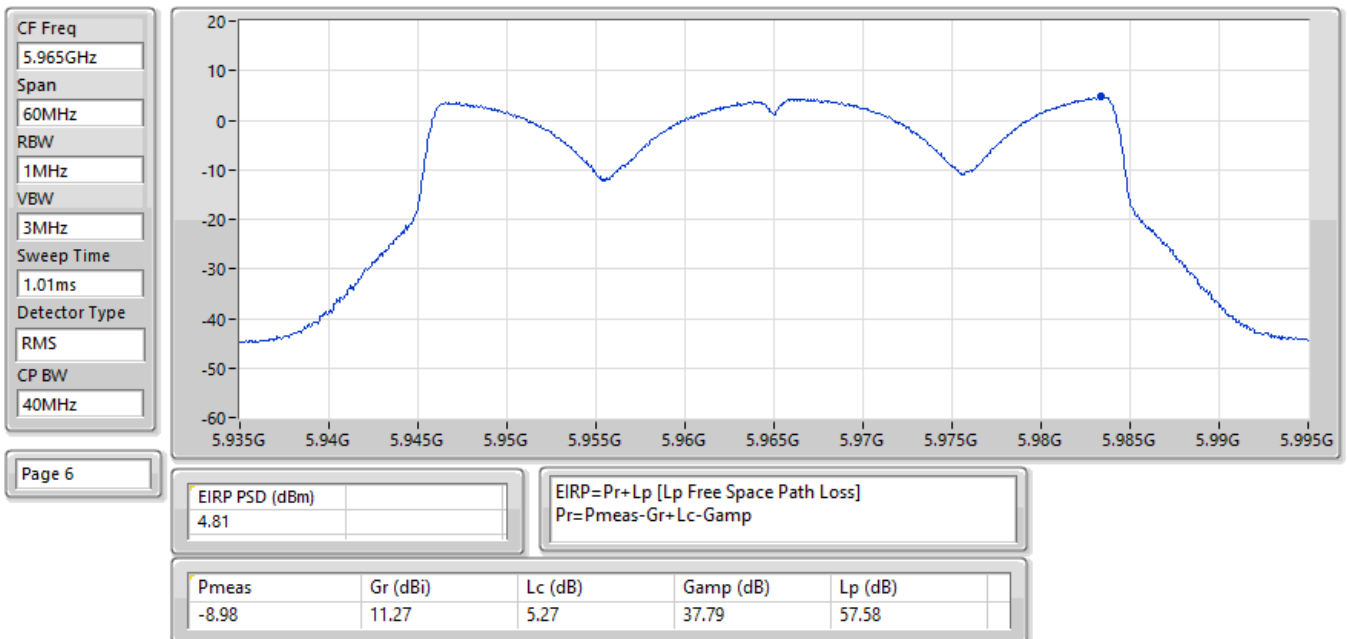
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.



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

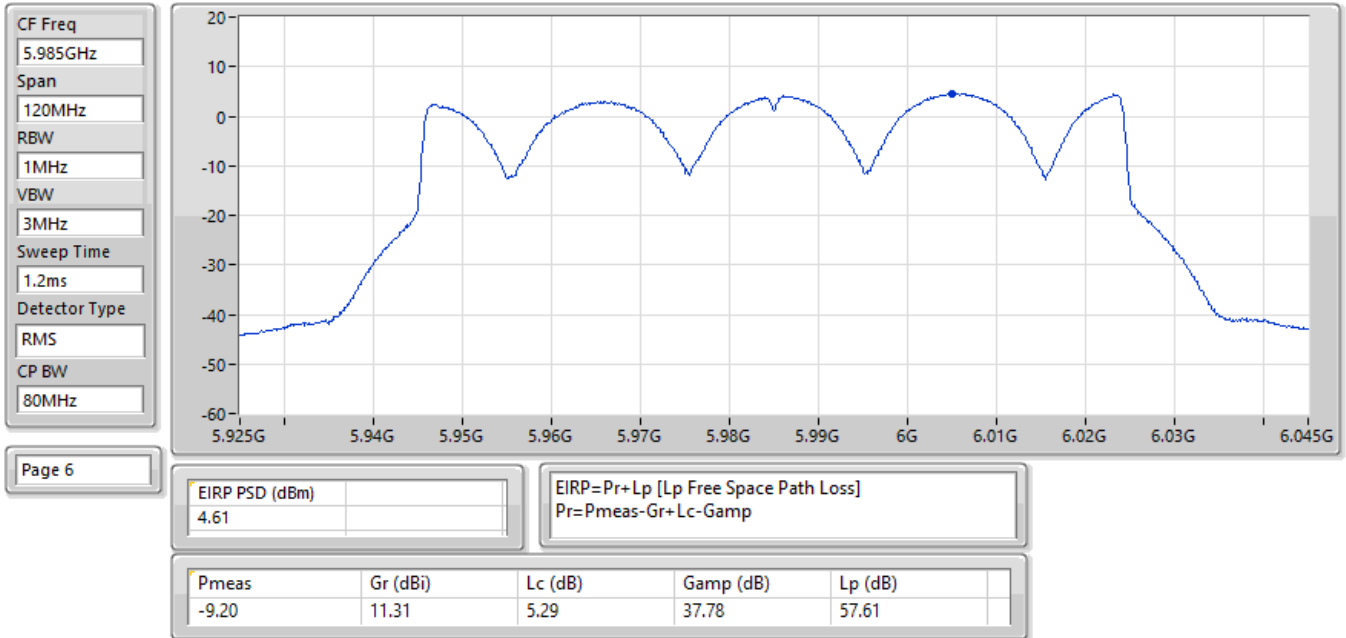


EIRP PSD;Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:5965MHz;TX

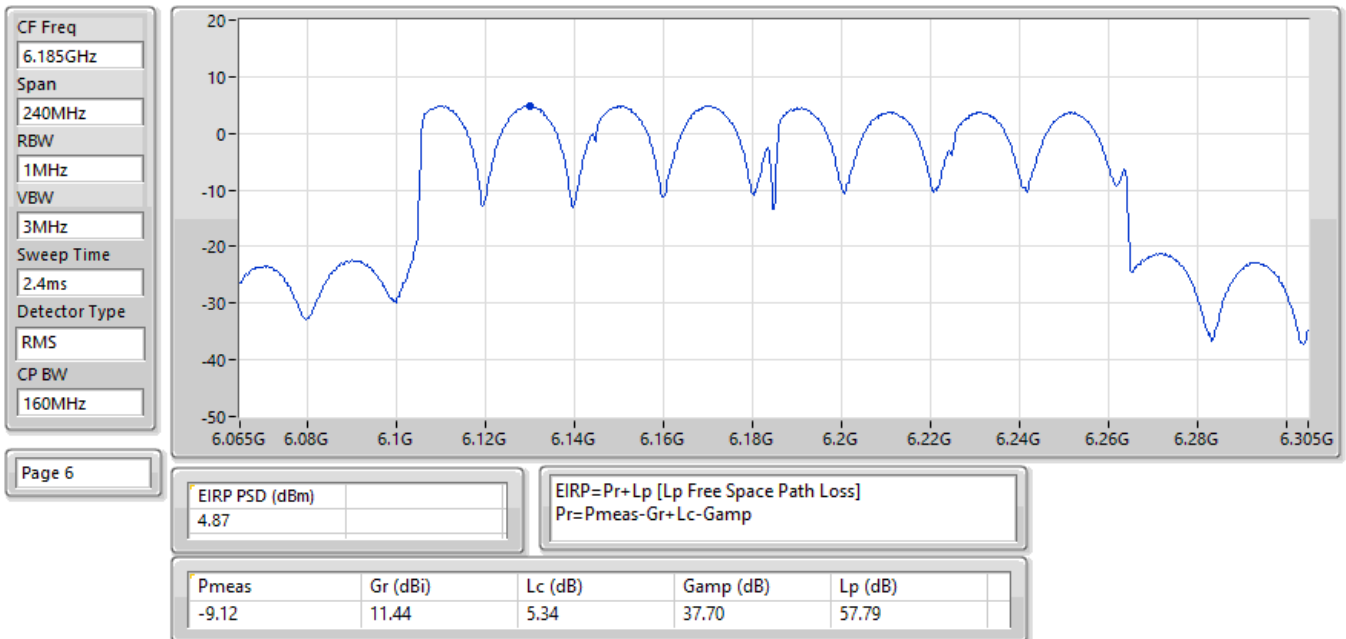




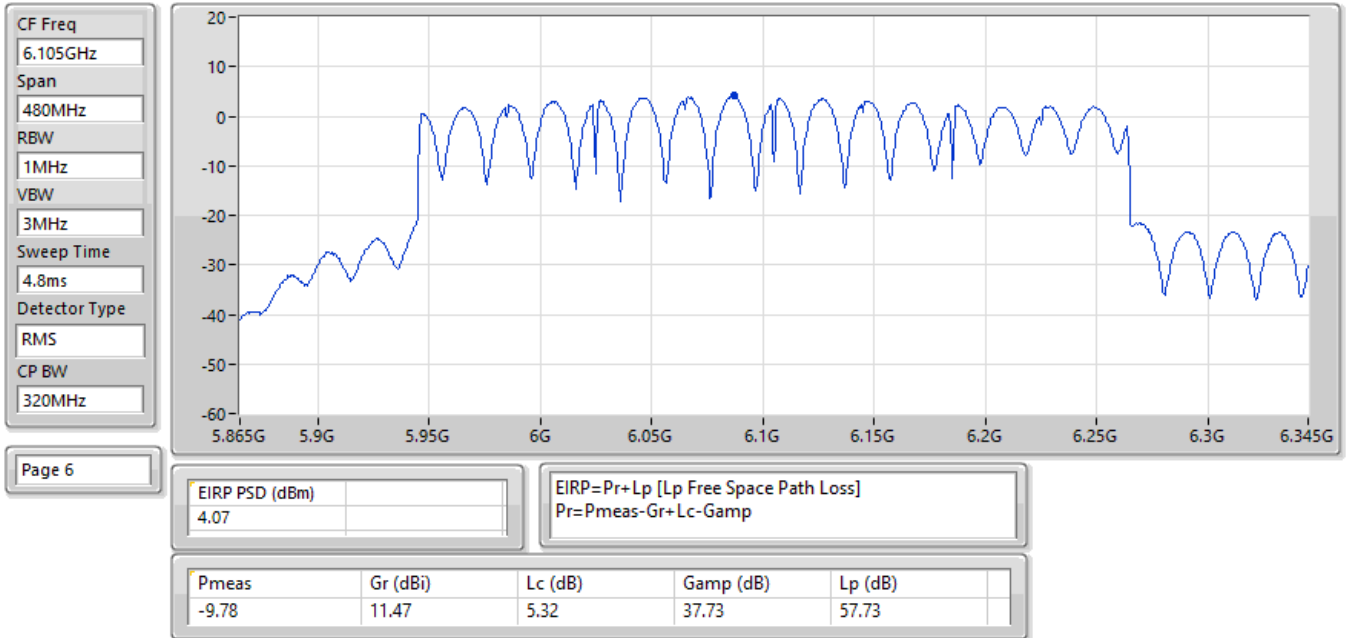
EIRP PSD;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:5985MHz;TX



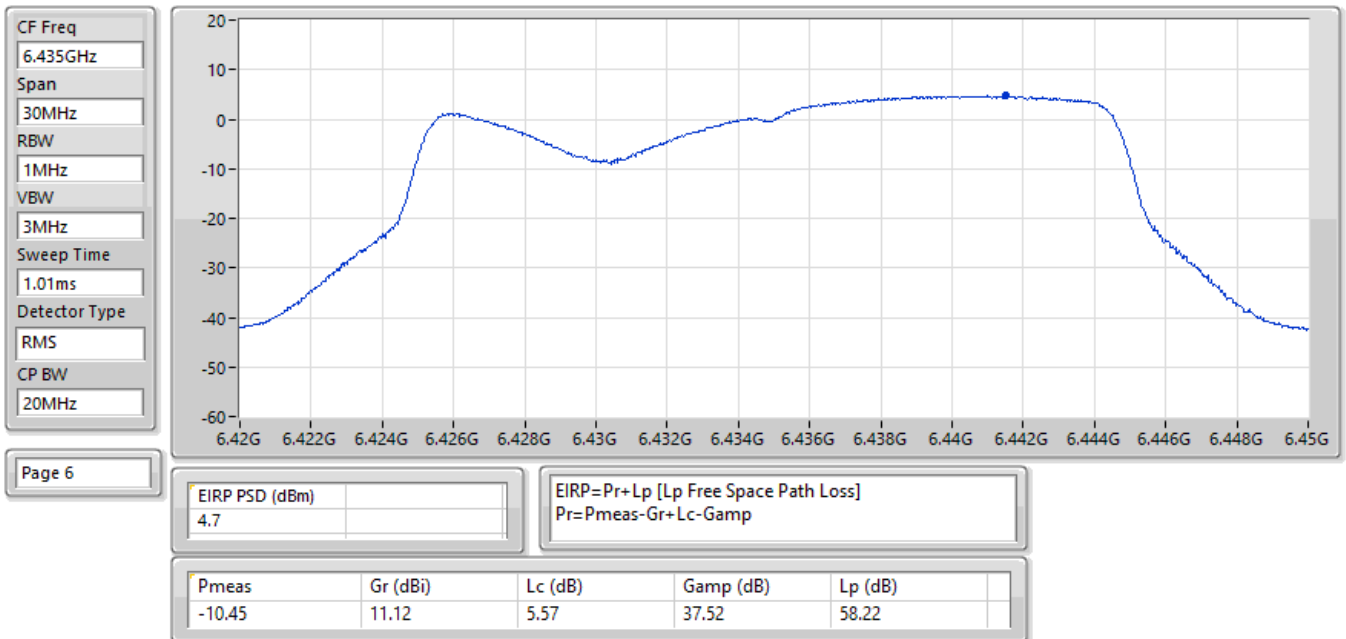
EIRP PSD;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6185MHz;TX



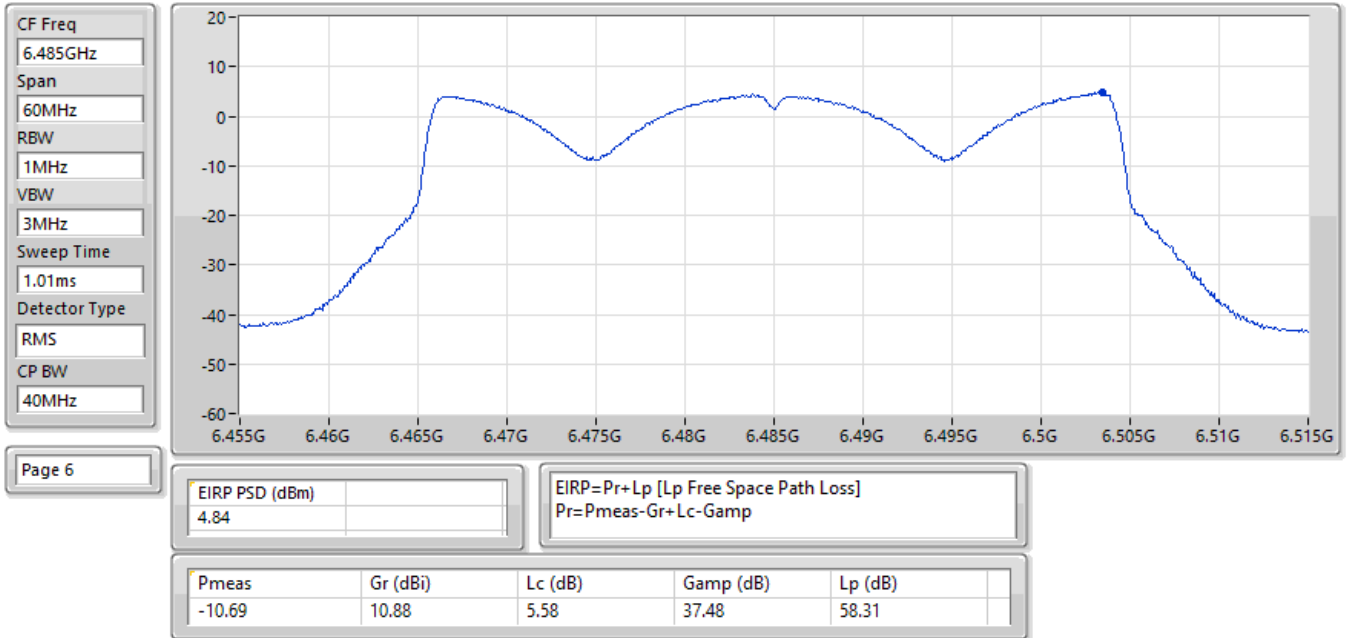
EIRP PSD;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6105MHz;TX



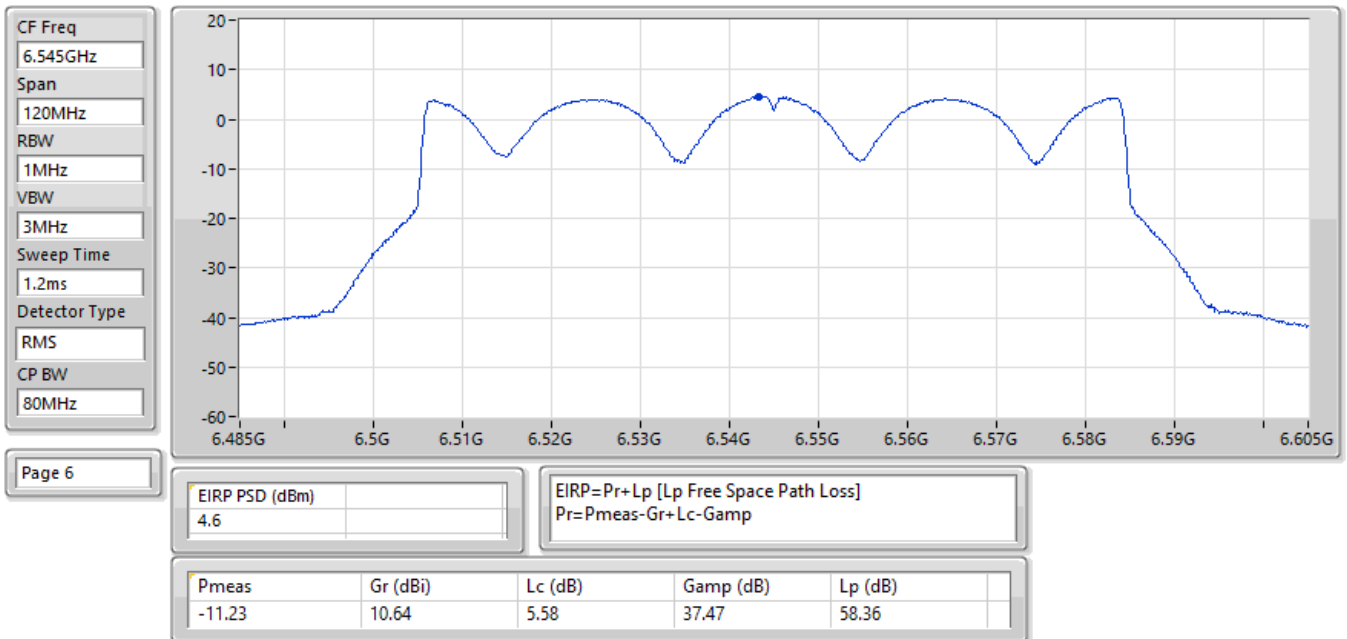
EIRP PSD;Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6435MHz;TX



EIRP PSD;Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6485MHz;TX

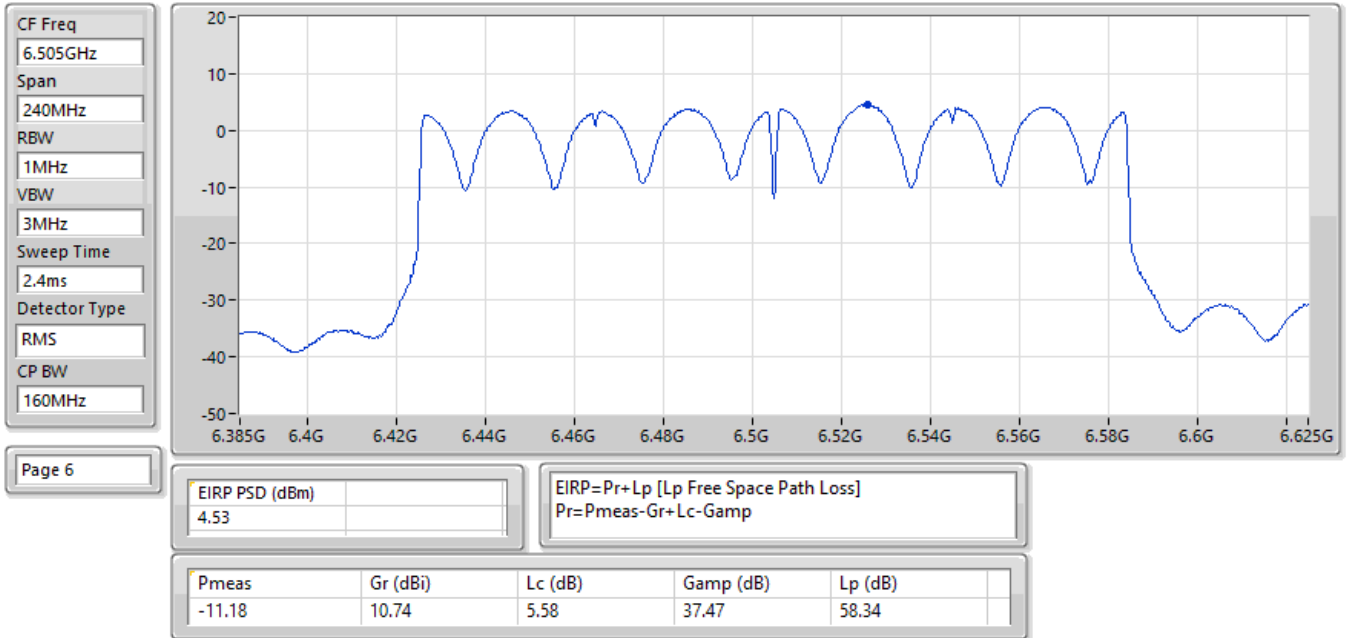


EIRP PSD;Band:6.4G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6545MHz;TX

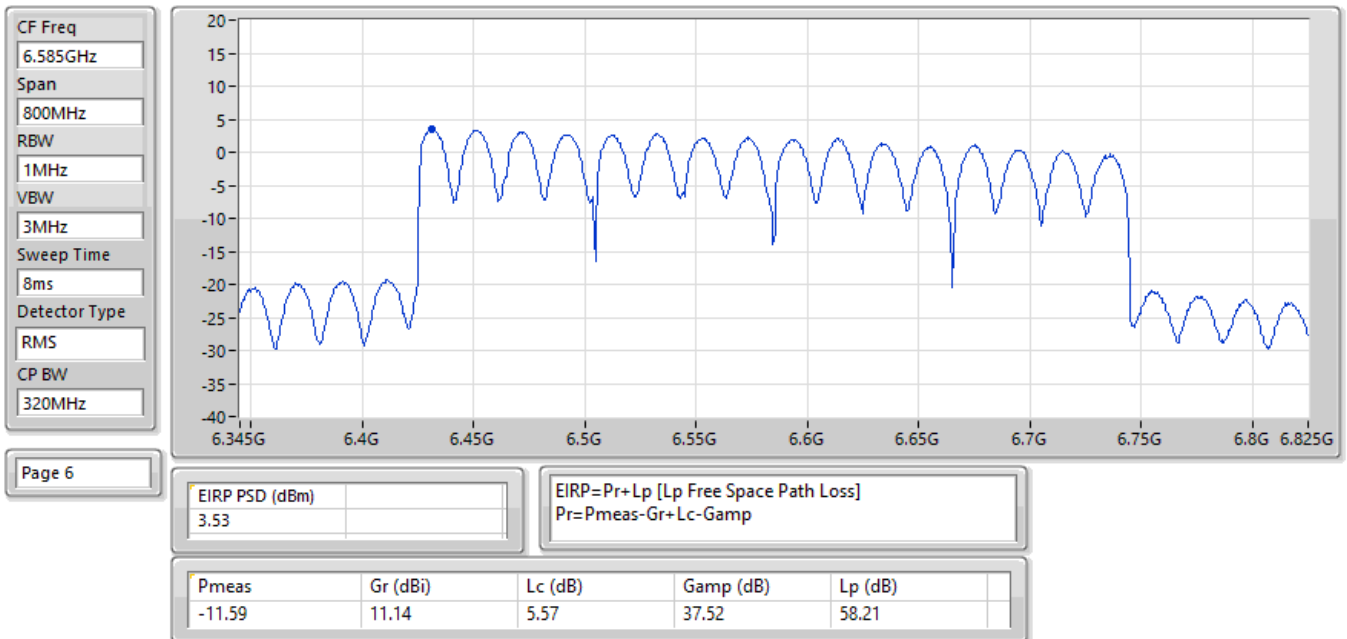




EIRP PSD;Band:6.4G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6505MHz;TX

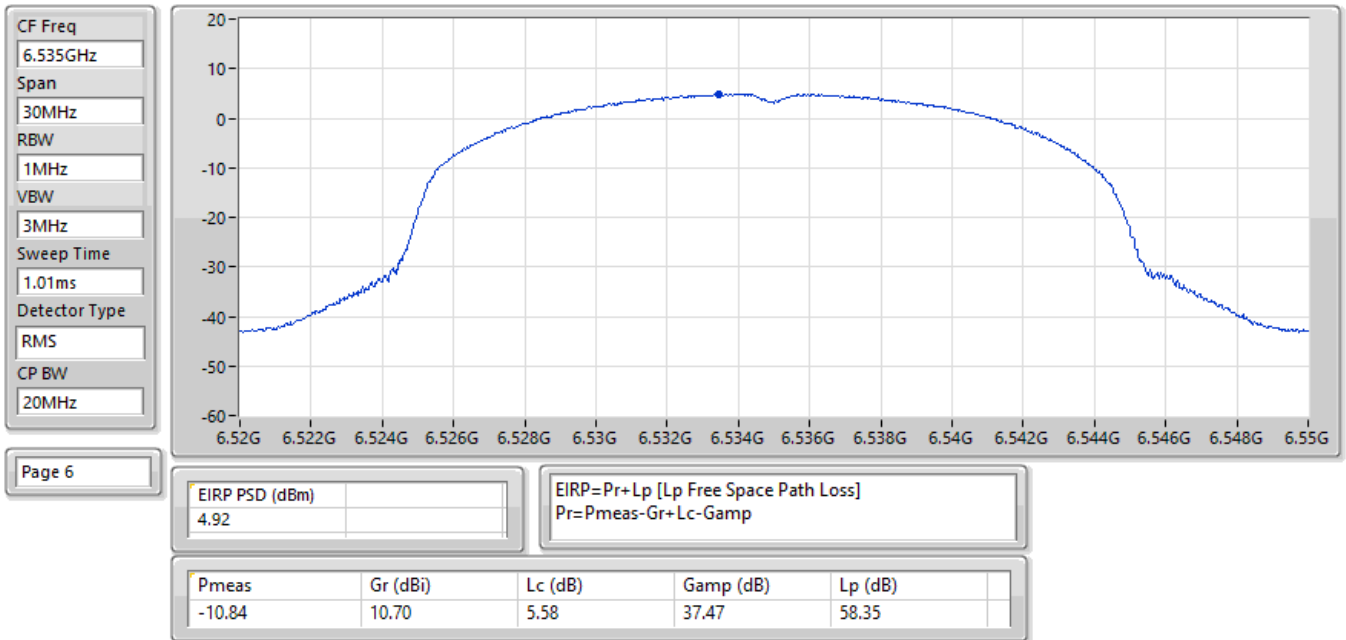


EIRP PSD;Band:6.4G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6585MHz;TX

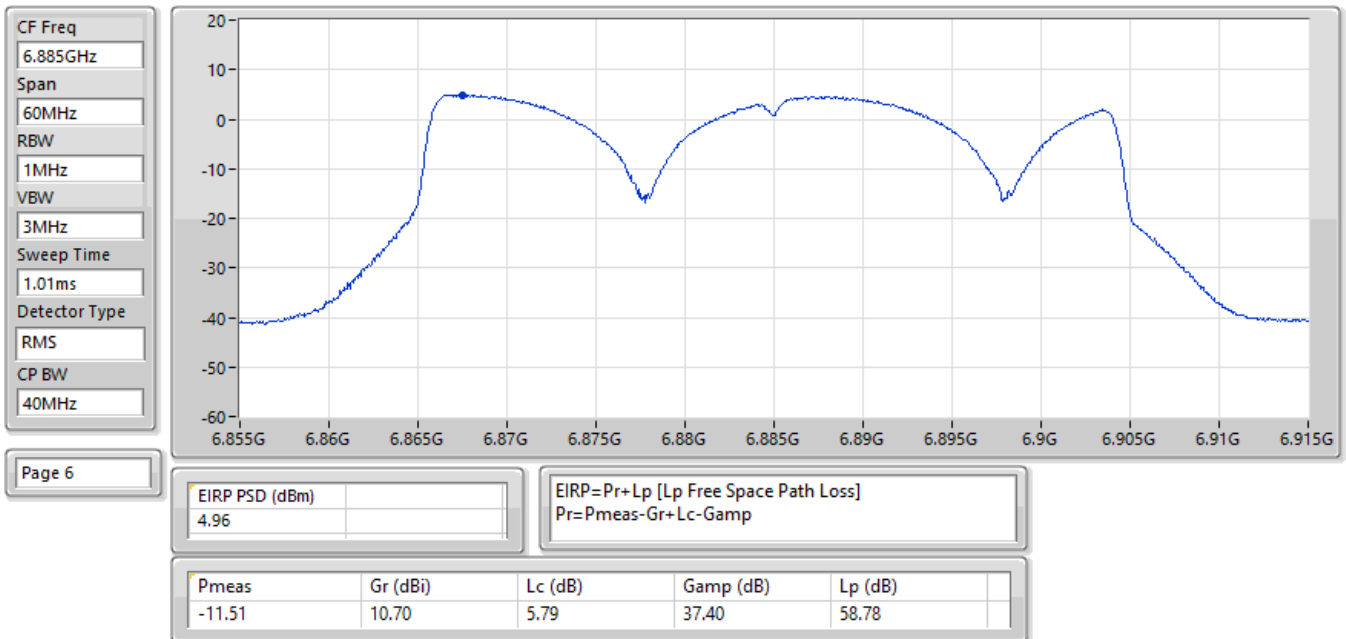




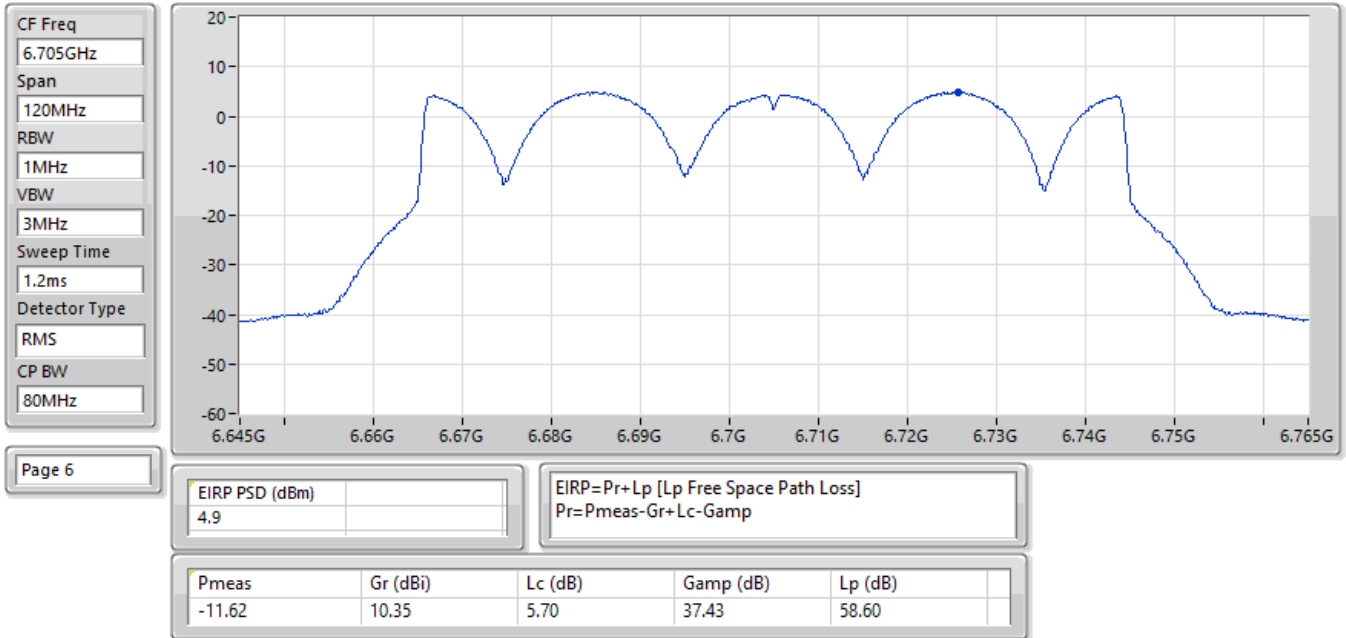
EIRP PSD;Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6535MHz;TX



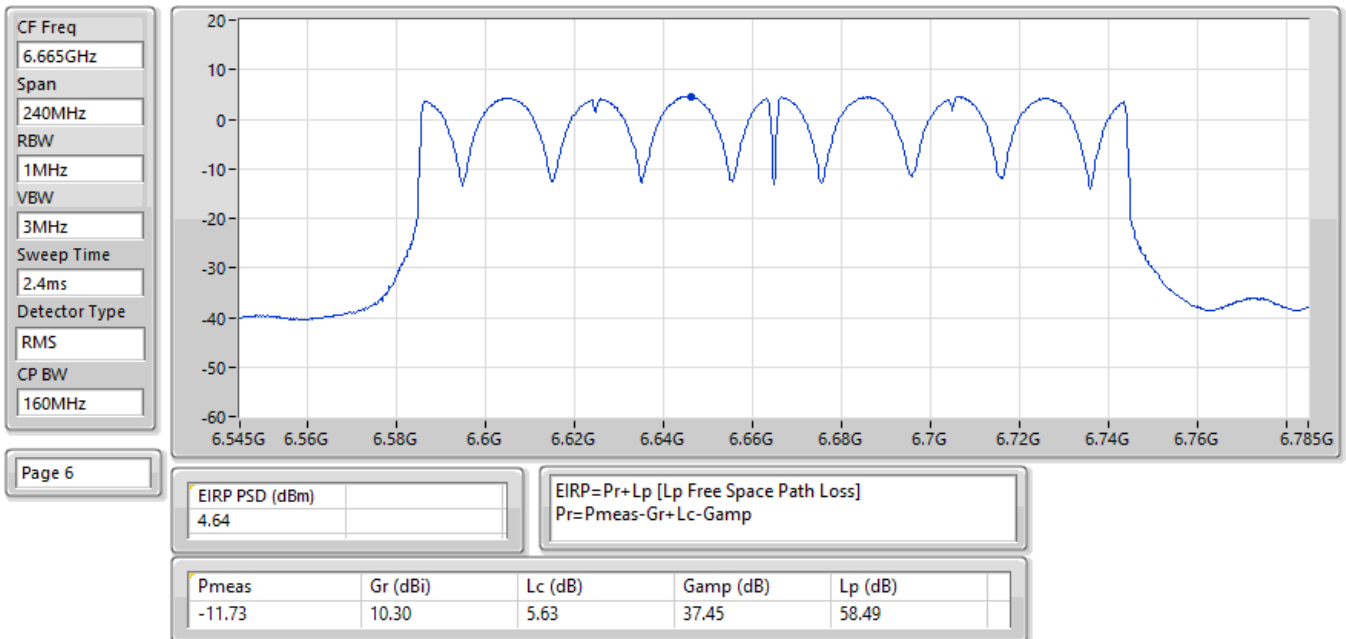
EIRP PSD;Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6885MHz;TX



EIRP PSD;Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6705MHz;TX

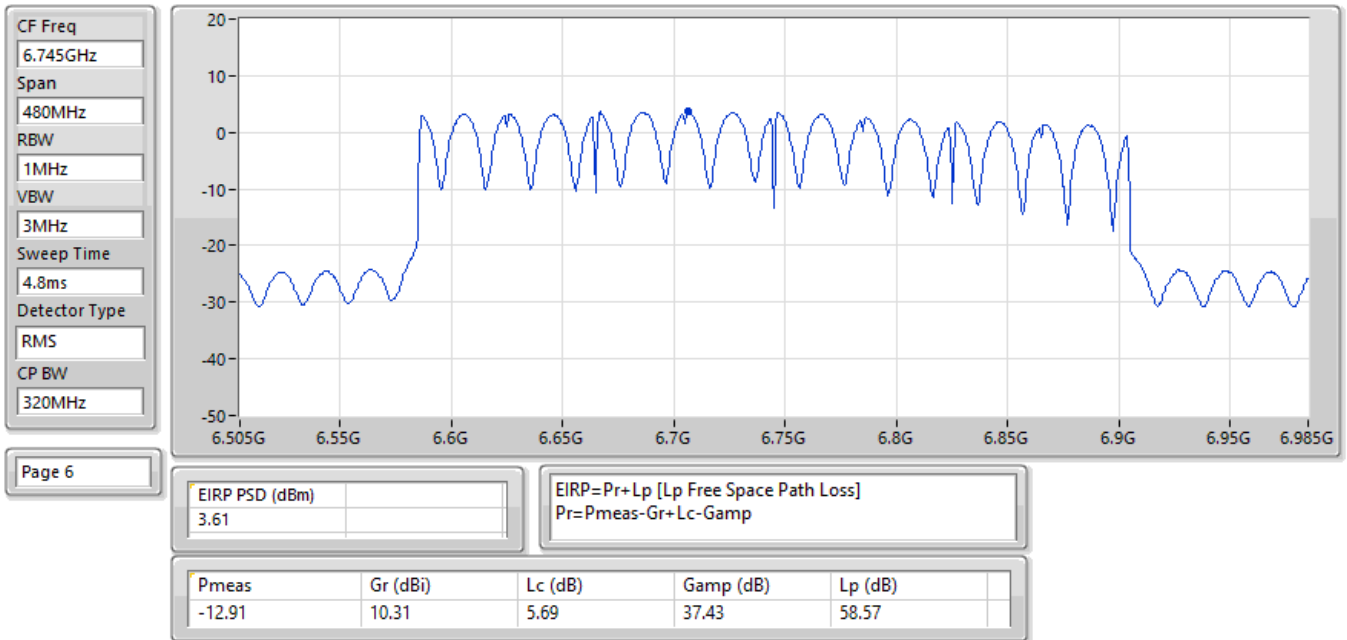


EIRP PSD;Band:6.7G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6665MHz;TX

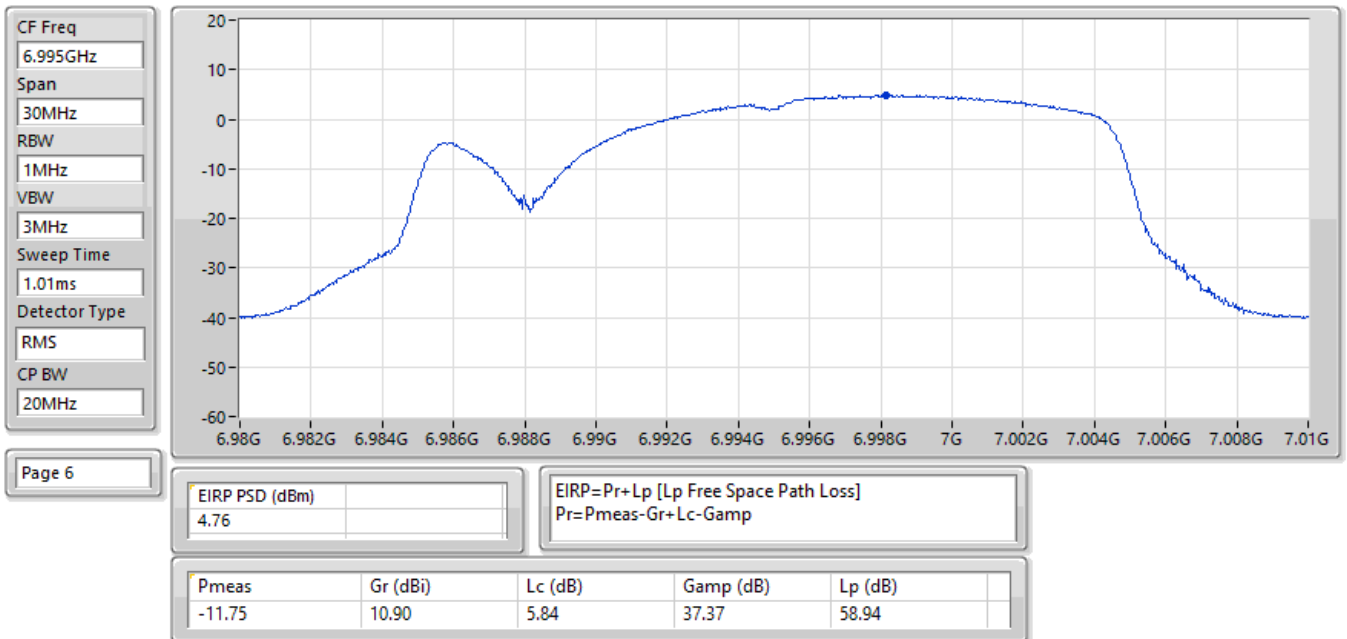




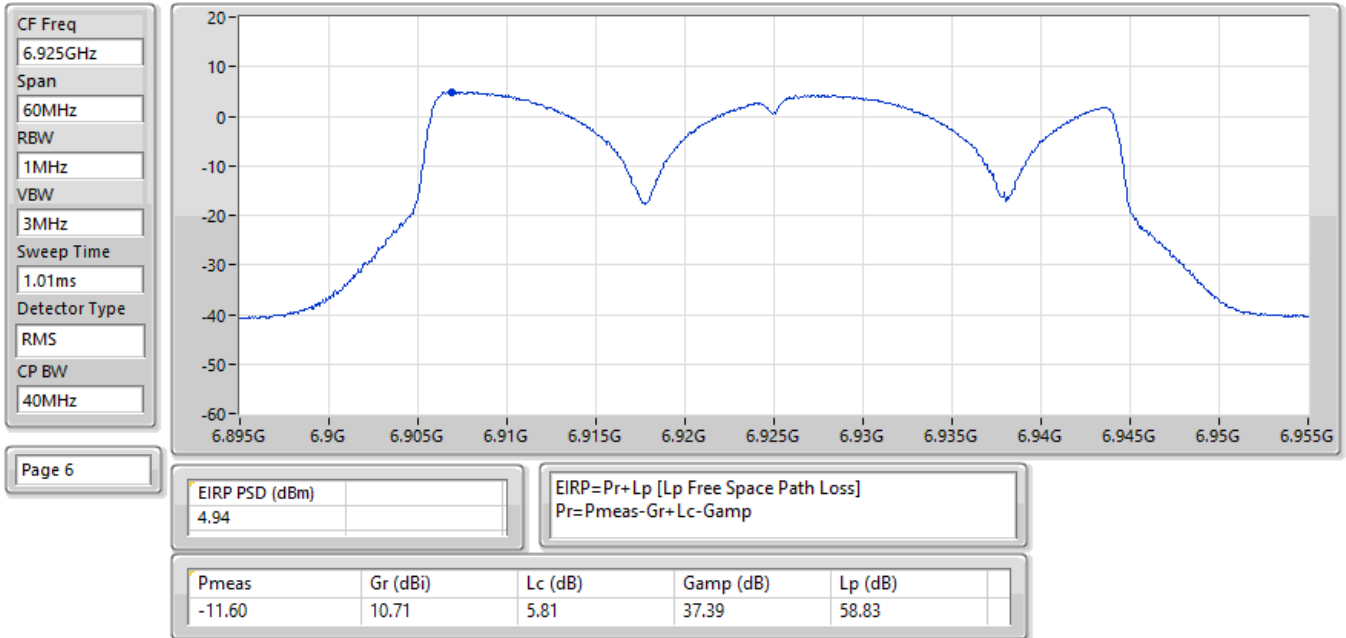
EIRP PSD;Band:6.7G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6745MHz;TX



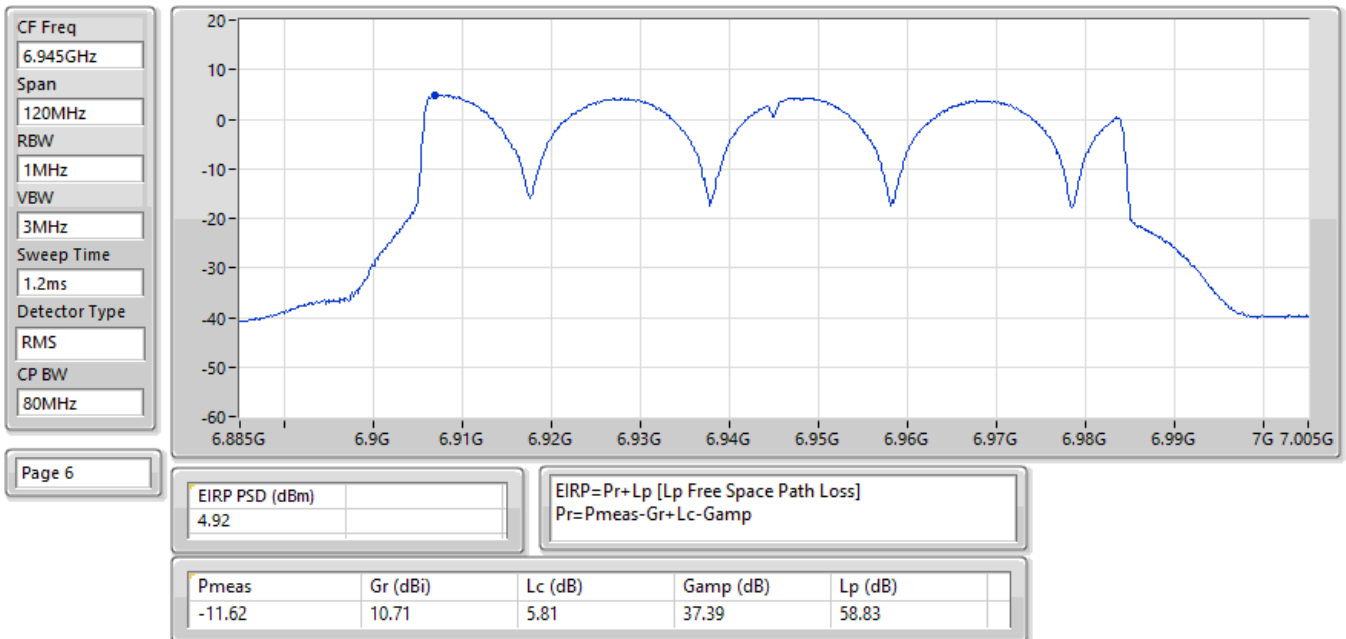
EIRP PSD;Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6995MHz;TX



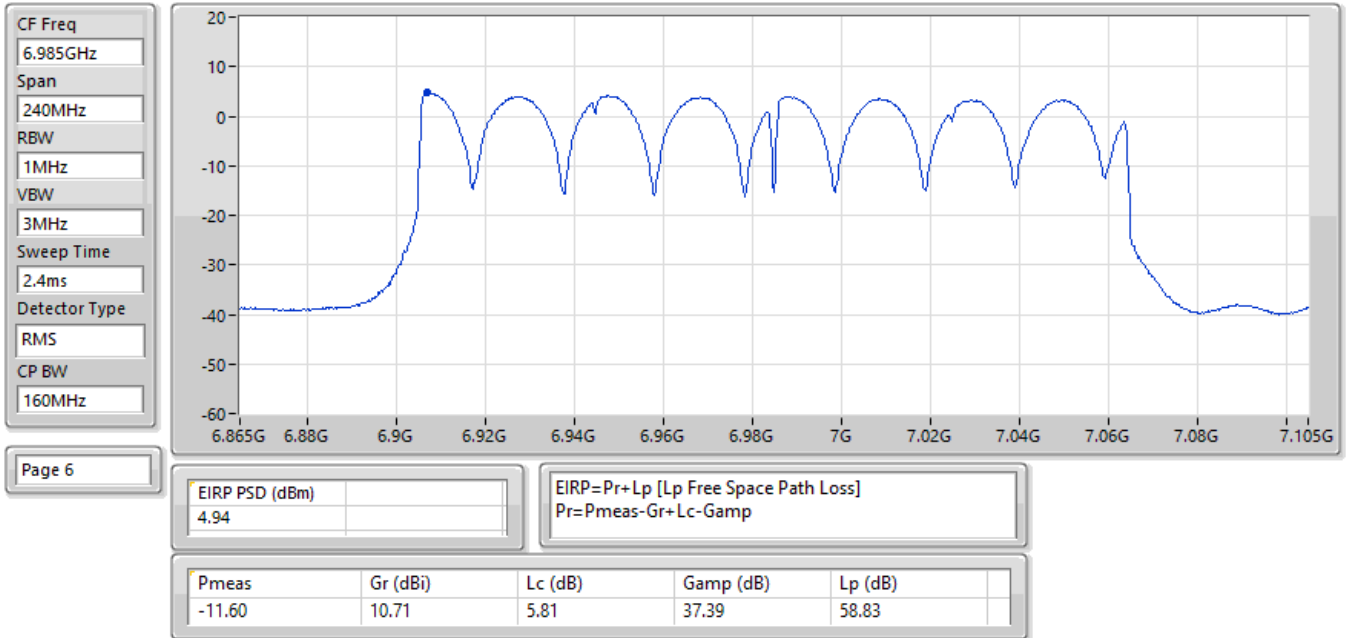
EIRP PSD;Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6925MHz;TX



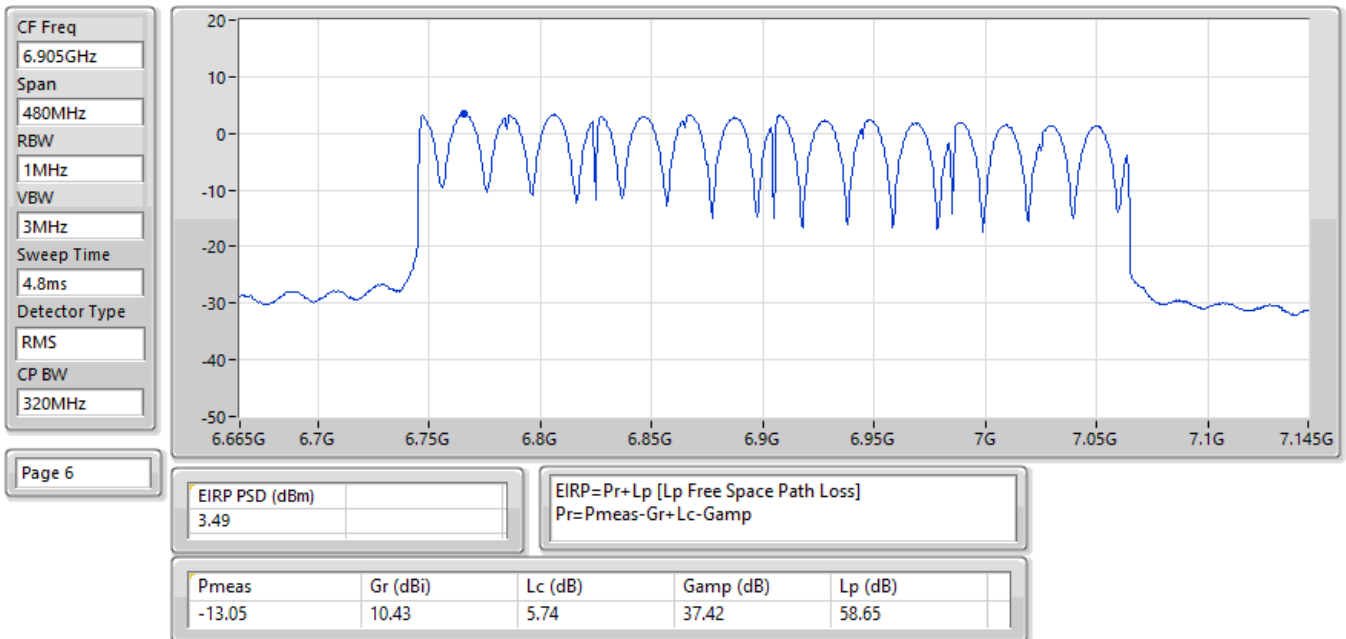
EIRP PSD;Band:7.0G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6945MHz;TX



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



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



**Summary**

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	4.49
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	3.58
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 2_2TX	3.32
6.525-6.875GHz	-
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 10_2TX	2.44
6.875-7.125GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	4.56
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	4.18

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 EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-
5985MHz	Pass	4.49	5.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-	-	-
7025MHz	Pass	4.56	5.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX	-	-	-
6025MHz	Pass	3.57	5.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-	-	-
6025MHz	Pass	3.58	5.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX	-	-	-
6985MHz	Pass	4.11	5.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-	-	-
6985MHz	Pass	4.18	5.00
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 2_2TX	-	-	-
6105MHz	Pass	3.32	5.00
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 4_2TX	-	-	-
6105MHz	Pass	2.16	5.00
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 3_2TX	-	-	-
6105MHz	Pass	2.57	5.00
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 3_2TX	-	-	-
6905MHz	Pass	0.74	5.00
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_2TX	-	-	-
6905MHz	Pass	1.18	5.00
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 10_2TX	-	-	-
6905MHz	Pass	2.44	5.00

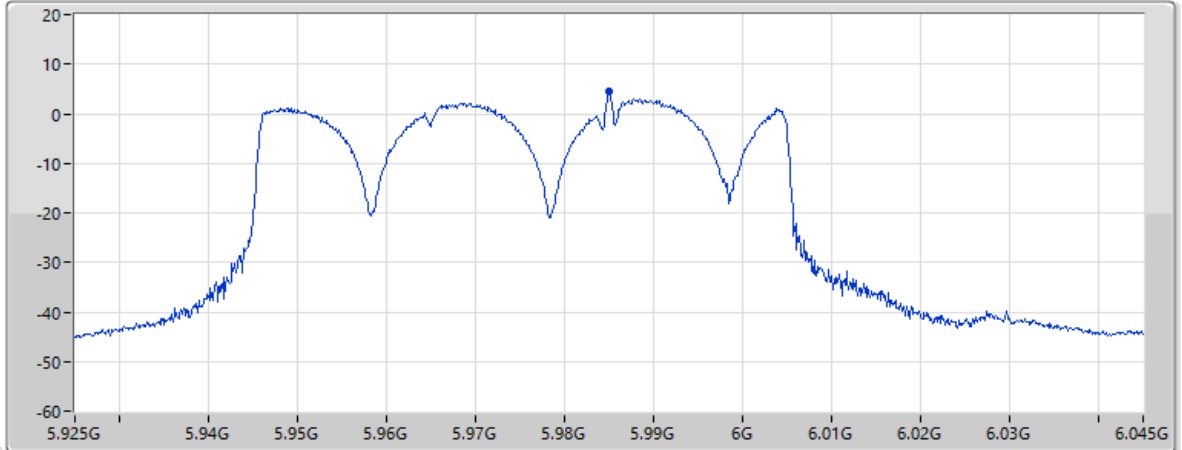
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.



21/12/2024

EIRP PSD;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 CP 4;Nant:2;Ch:5985MHz;TX

CF Freq
5.985GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.2ms
Detector Type
RMS
CP BW
80MHz



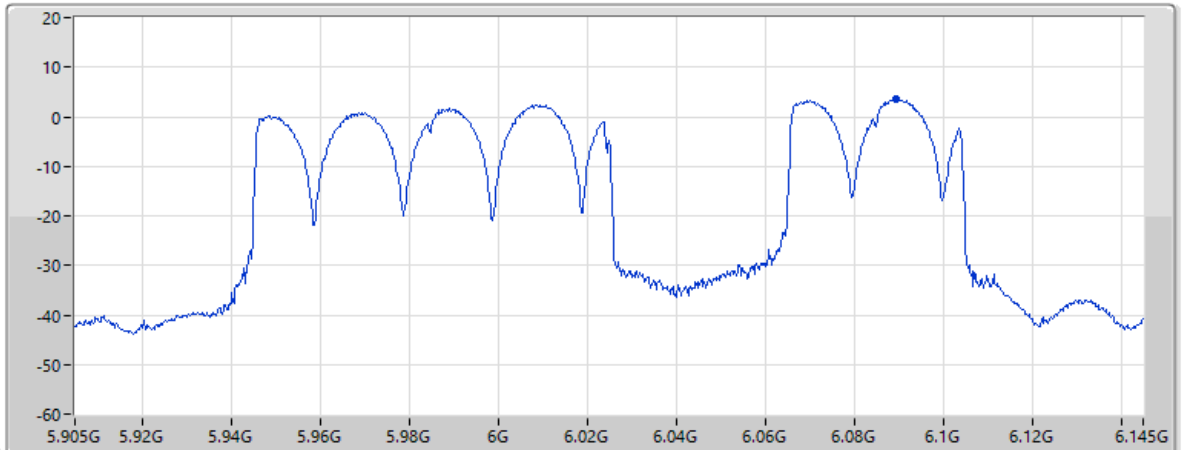
Page 6

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
4.49				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-9.30	11.27	5.27	37.79	57.58

21/12/2024

EIRP PSD;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484 CP 3;Nant:2;Ch:6025MHz;TX

CF Freq
6.025GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2.4ms
Detector Type
RMS
CP BW
160MHz



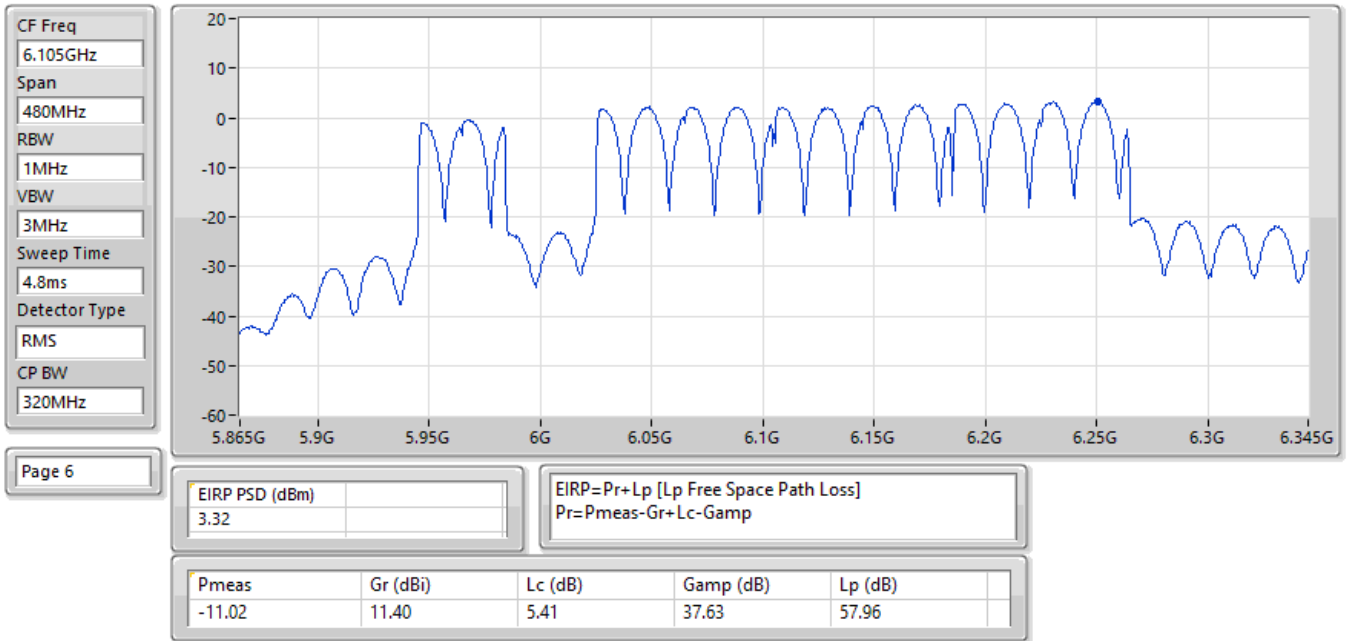
Page 6

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
3.58				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-10.26	11.48	5.32	37.73	57.73



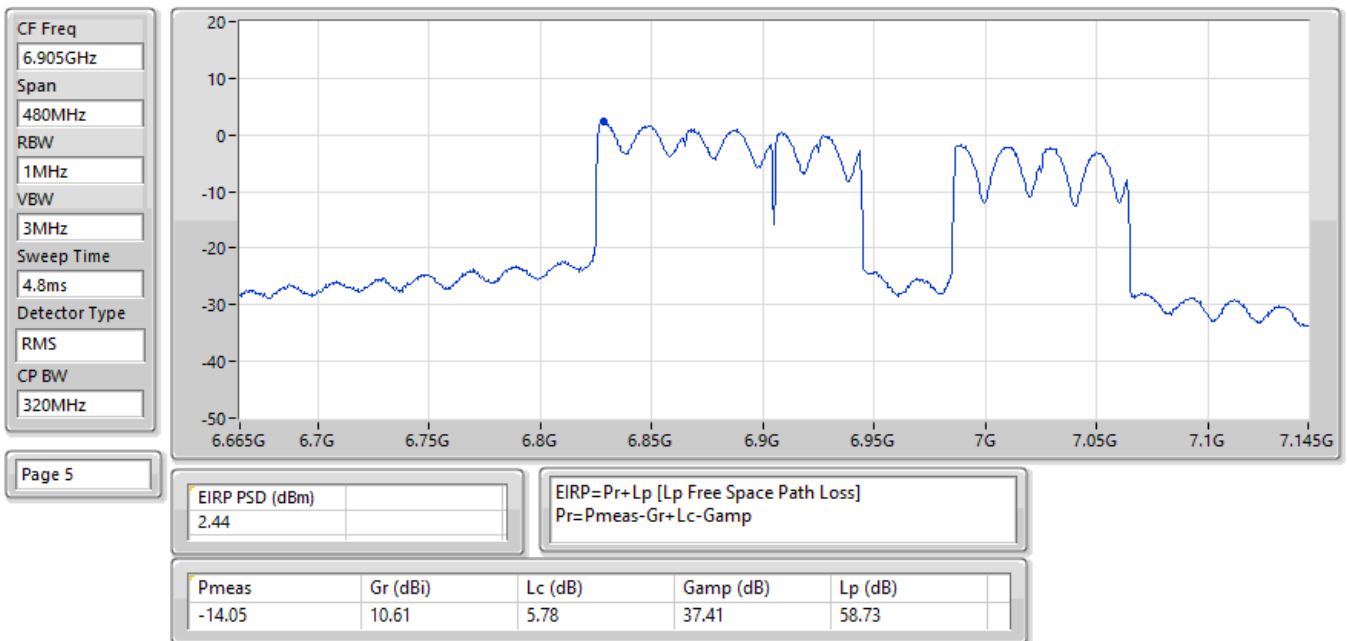
21/12/2024

EIRP PSD;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0),3xRU996+RU484 CP 2;Nant:2;Ch:6105MHz;TX



21/12/2024

EIRP PSD;Band:6.7G;be320;BWch:320MHz;Nss:1,(M0),2xRU996+RU484 CP 10;Nant:2;Ch:6905MHz;TX

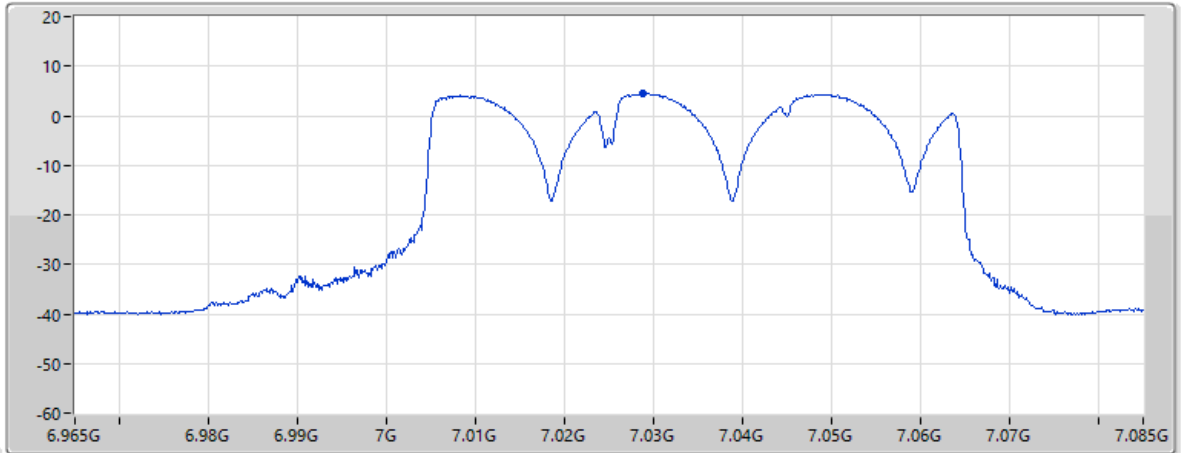




22/12/2024

EIRP PSD;Band:7.0G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 CP 1;Nant:2;Ch:7025MHz;TX

CF Freq
7.025GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.2ms
Detector Type
RMS
CP BW
80MHz



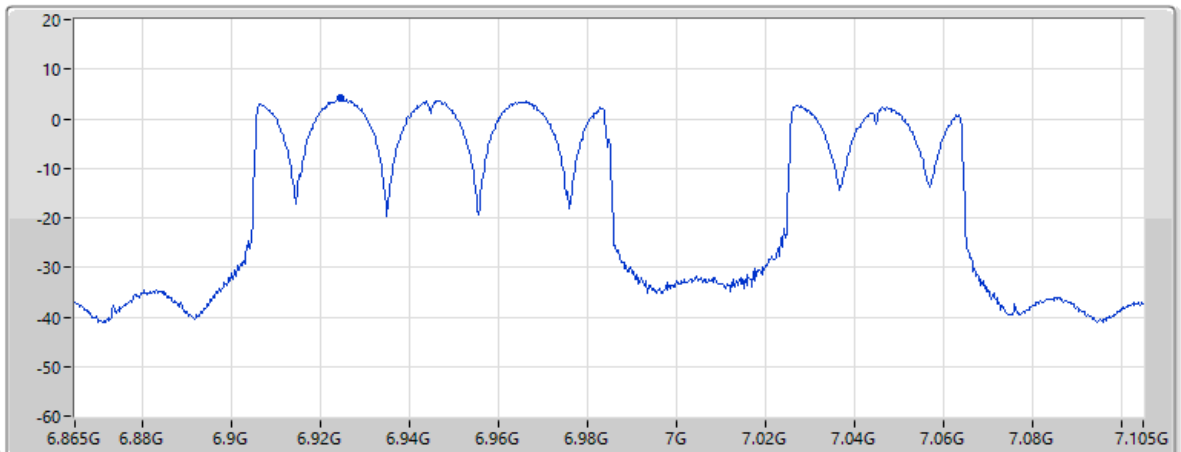
Page 6

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
4.56				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-12.16	10.78	5.85	37.33	58.98

21/12/2024

EIRP PSD;Band:7.0G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484 CP 3;Nant:2;Ch:6985MHz;TX

CF Freq
6.985GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2.4ms
Detector Type
RMS
CP BW
160MHz



Page 6

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
4.18				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-12.34	10.75	5.81	37.39	58.85

**Summary**

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	4.69
802.11be EHT40-BF_Nss1,(MCS0)_2TX	4.76
802.11be EHT80-BF_Nss1,(MCS0)_2TX	4.94
802.11be EHT160-BF_Nss1,(MCS0)_2TX	4.77
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-0.96
6.425-6.525GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	4.86
802.11be EHT40-BF_Nss1,(MCS0)_2TX	4.72
802.11be EHT80-BF_Nss1,(MCS0)_2TX	4.52
802.11be EHT160-BF_Nss1,(MCS0)_2TX	1.04
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-0.15
6.525-6.875GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	4.90
802.11be EHT40-BF_Nss1,(MCS0)_2TX	4.62
802.11be EHT80-BF_Nss1,(MCS0)_2TX	4.79
802.11be EHT160-BF_Nss1,(MCS0)_2TX	3.62
802.11be EHT320-BF_Nss1,(MCS0)_2TX	3.96
6.875-7.125GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	4.93
802.11be EHT40-BF_Nss1,(MCS0)_2TX	4.85
802.11be EHT80-BF_Nss1,(MCS0)_2TX	4.66
802.11be EHT160-BF_Nss1,(MCS0)_2TX	4.42
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-1.35

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

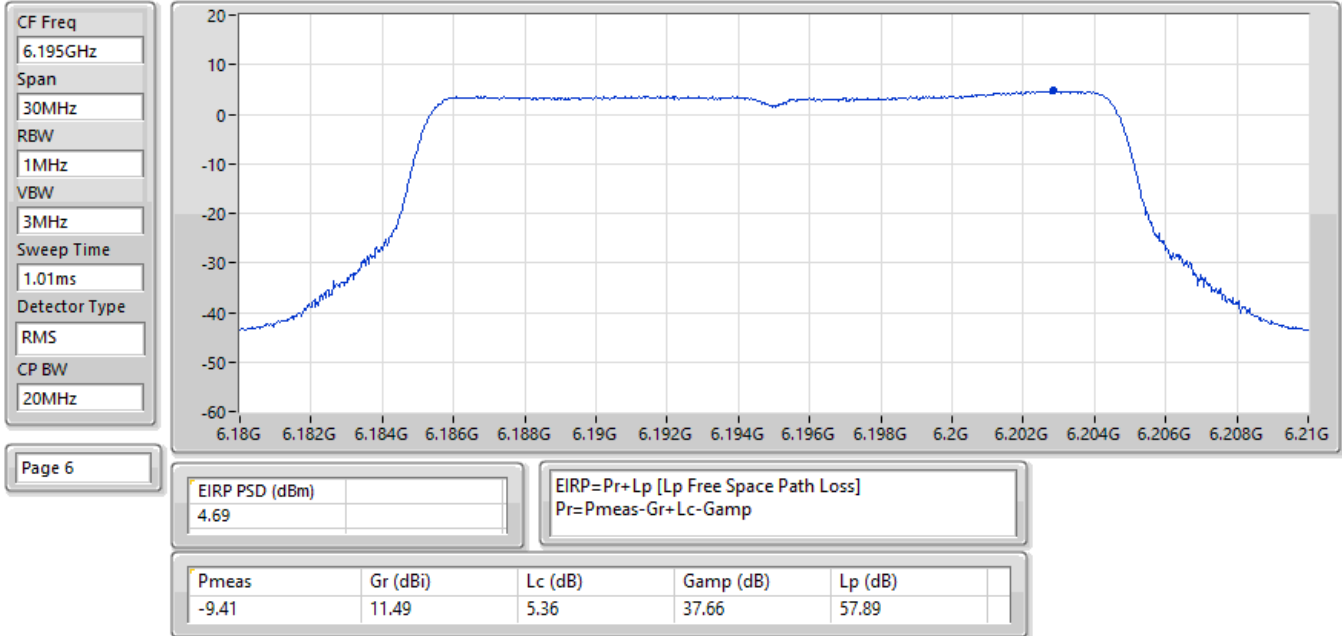
**Result**

Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	4.33	5.00
6195MHz	Pass	4.69	5.00
6415MHz	Pass	4.68	5.00
6435MHz	Pass	4.86	5.00
6475MHz	Pass	4.56	5.00
6515MHz	Pass	4.56	5.00
6535MHz	Pass	4.90	5.00
6695MHz	Pass	4.45	5.00
6875MHz	Pass	4.67	5.00
6895MHz	Pass	4.20	5.00
6995MHz	Pass	4.24	5.00
7095MHz	Pass	4.46	5.00
7115MHz	Pass	4.93	5.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	4.76	5.00
6205MHz	Pass	4.28	5.00
6405MHz	Pass	4.75	5.00
6445MHz	Pass	4.38	5.00
6485MHz	Pass	4.30	5.00
6525MHz	Pass	4.72	5.00
6565MHz	Pass	4.00	5.00
6685MHz	Pass	4.39	5.00
6885MHz	Pass	4.62	5.00
6925MHz	Pass	4.85	5.00
7005MHz	Pass	4.52	5.00
7085MHz	Pass	4.16	5.00
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	4.12	5.00
6225MHz	Pass	4.94	5.00
6385MHz	Pass	4.17	5.00
6465MHz	Pass	4.38	5.00
6545MHz	Pass	4.52	5.00
6625MHz	Pass	4.35	5.00
6705MHz	Pass	4.79	5.00
6785MHz	Pass	4.16	5.00
6865MHz	Pass	4.77	5.00
6945MHz	Pass	4.66	5.00
7025MHz	Pass	4.10	5.00
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	2.20	5.00
6185MHz	Pass	2.42	5.00
6345MHz	Pass	4.77	5.00
6505MHz	Pass	1.04	5.00
6665MHz	Pass	1.47	5.00
6825MHz	Pass	3.62	5.00
6985MHz	Pass	4.42	5.00
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-	-	-
6105MHz	Pass	-1.27	5.00
6265MHz	Pass	-0.96	5.00
6425MHz	Pass	-1.21	5.00
6585MHz	Pass	-0.15	5.00
6745MHz	Pass	3.96	5.00
6905MHz	Pass	-1.35	5.00

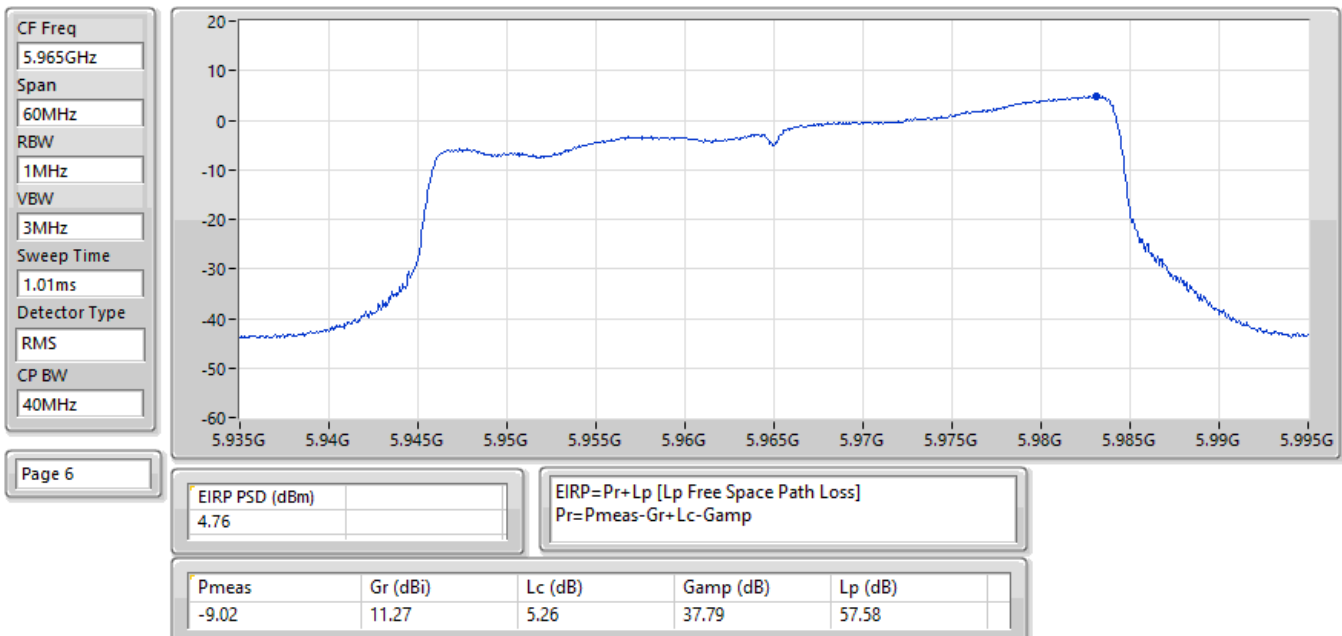


DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

EIRP PSD;Band:6.2G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6195MHz;TX

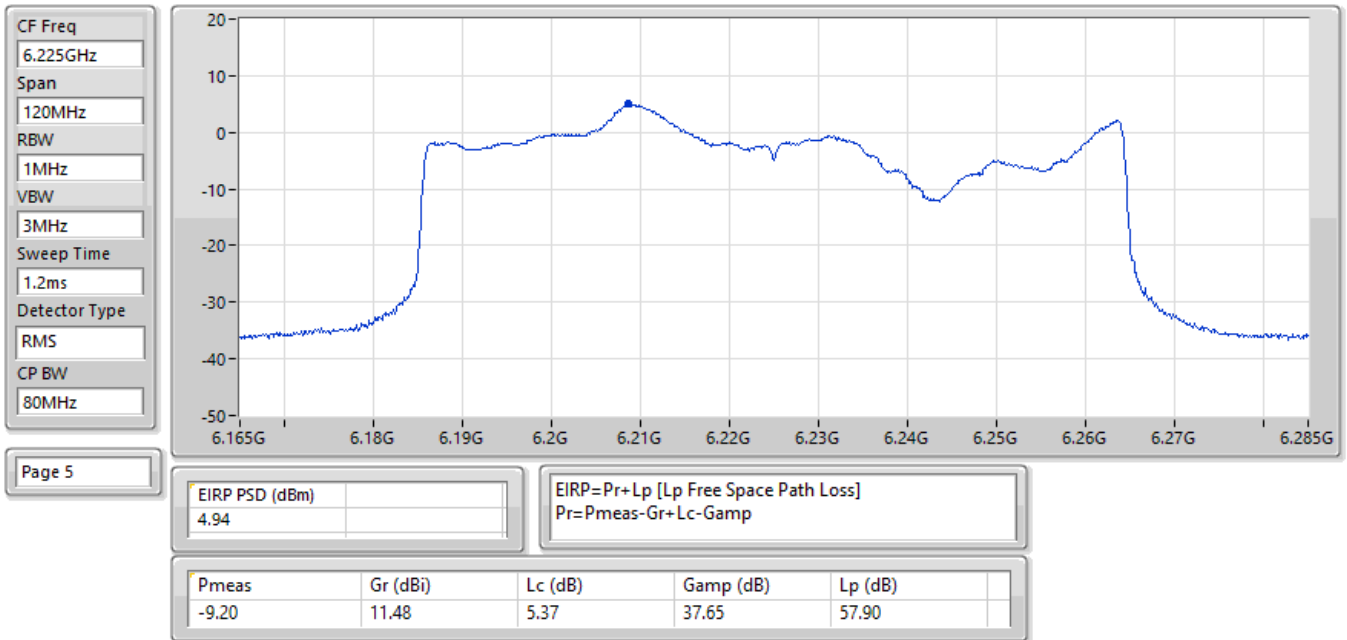


EIRP PSD;Band:6.2G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:5965MHz;TX

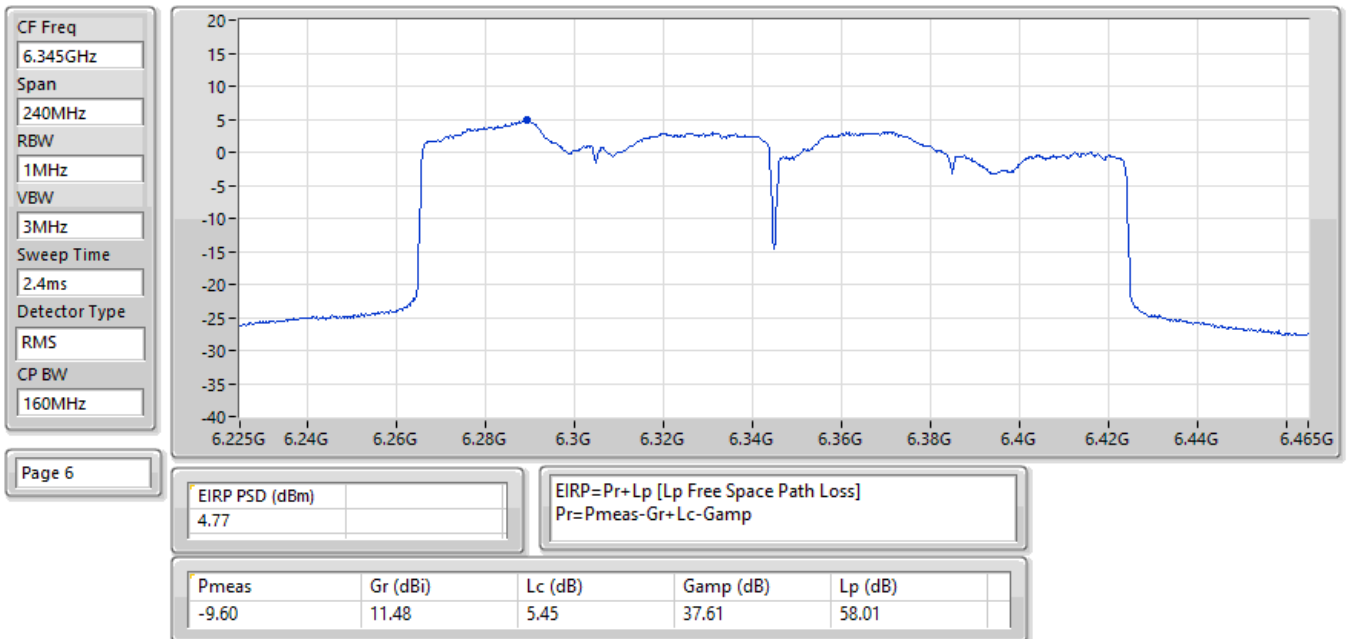




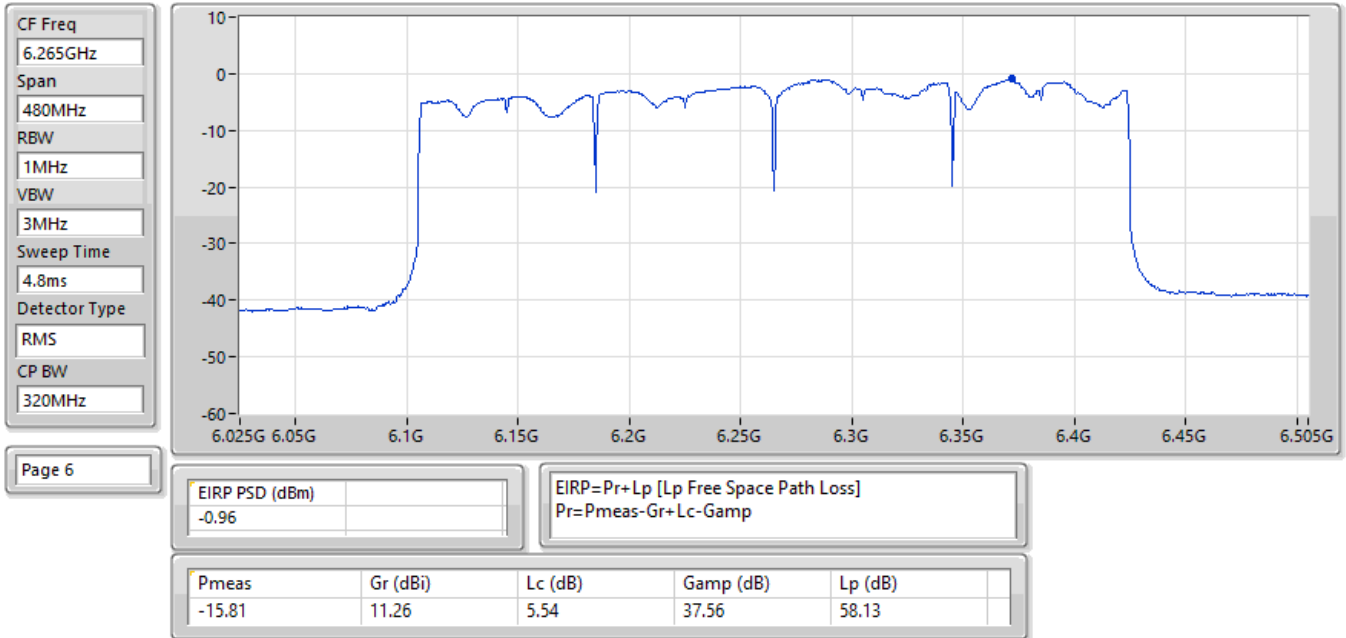
EIRP PSD;Band:6.2G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6225MHz;TX



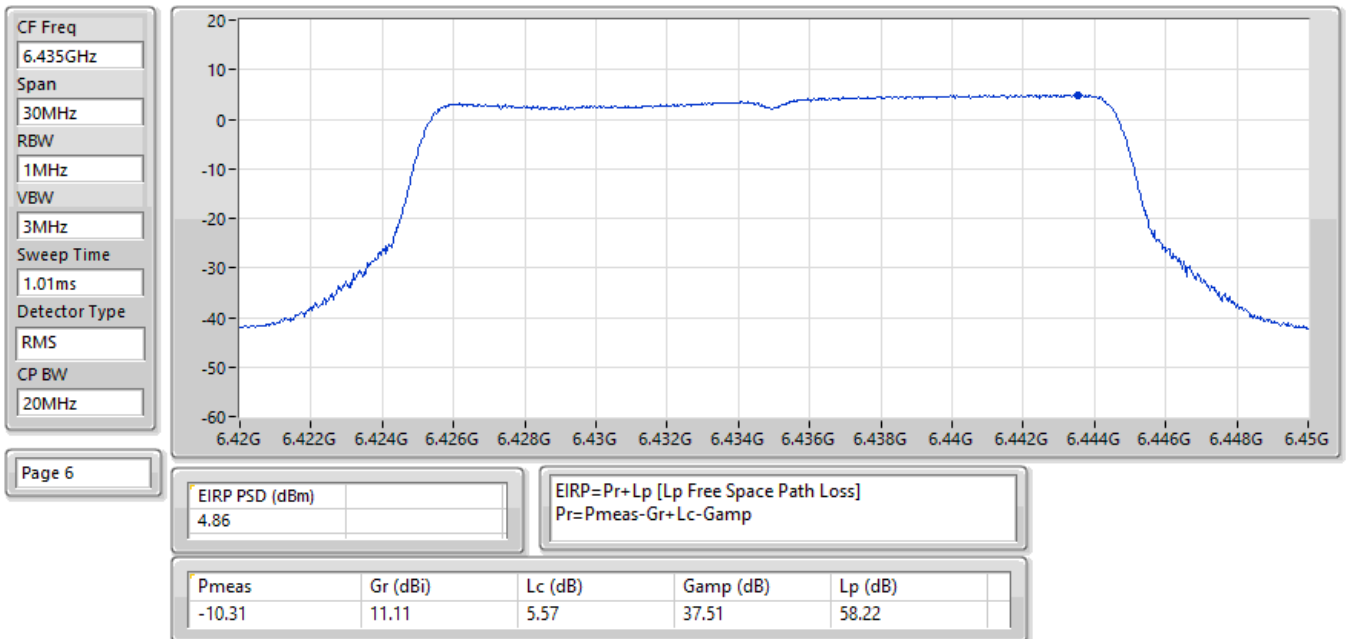
EIRP PSD;Band:6.2G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6345MHz;TX



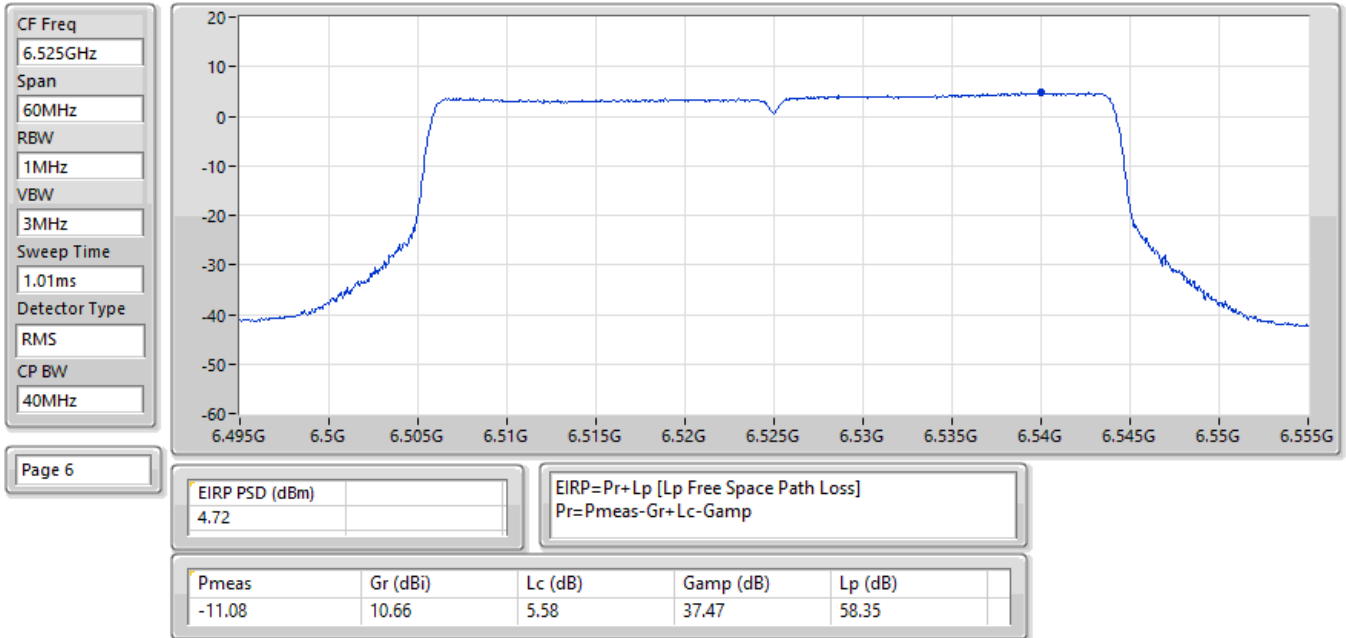
EIRP PSD;Band:6.2G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6265MHz;TX



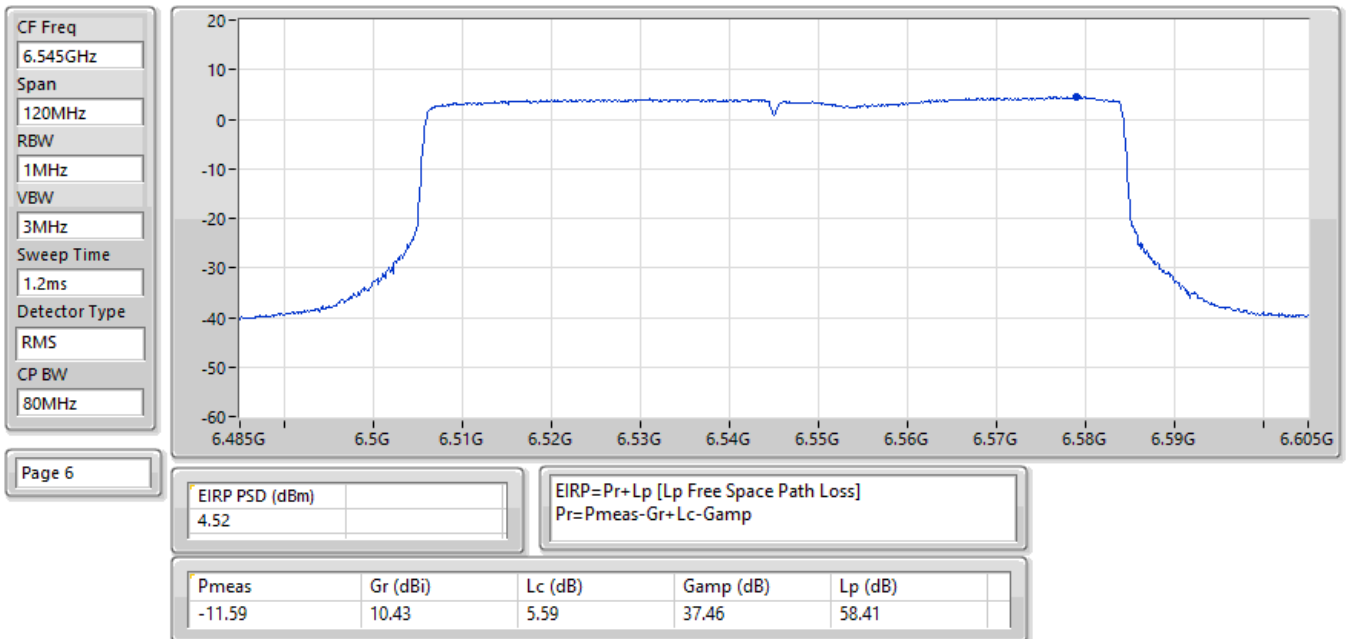
EIRP PSD;Band:6.4G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6435MHz;TX



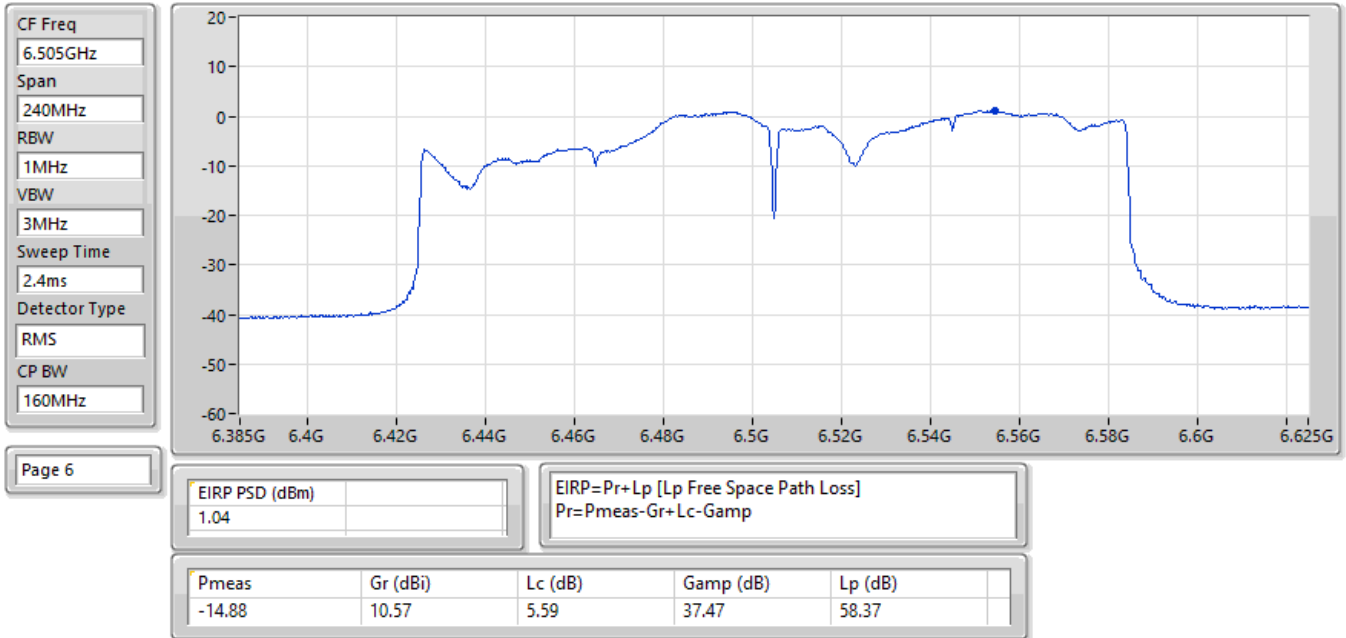
EIRP PSD;Band:6.4G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6525MHz;TX



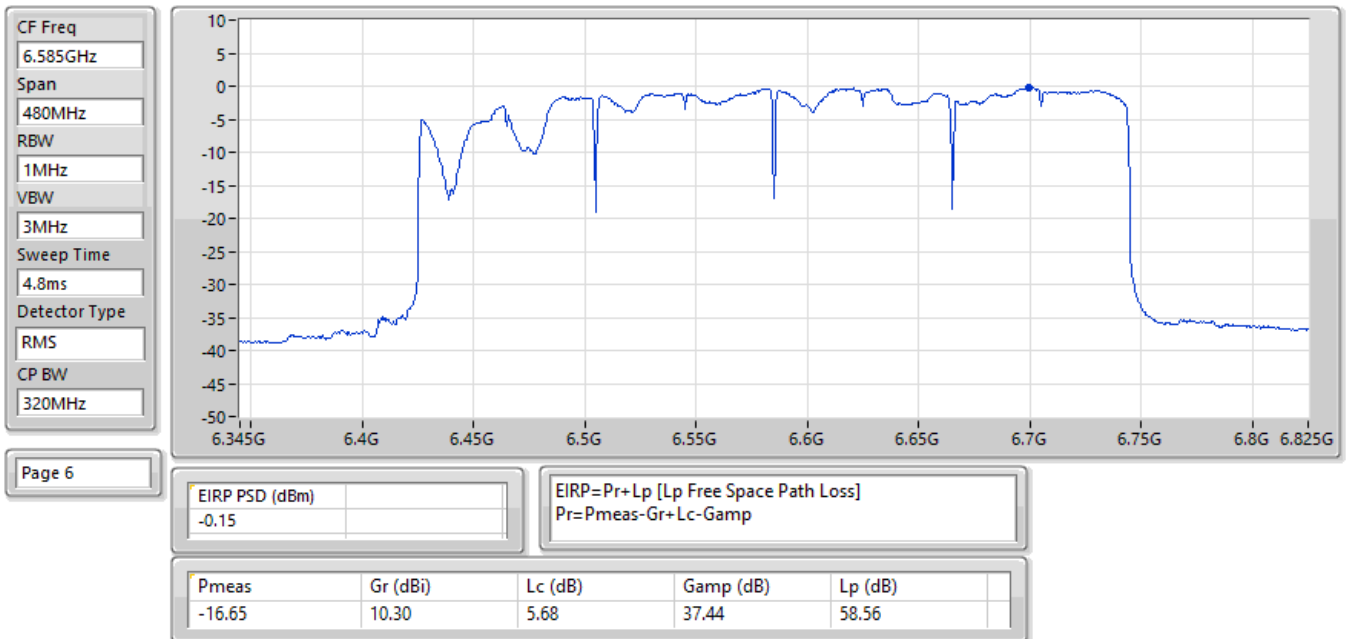
EIRP PSD;Band:6.4G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6545MHz;TX



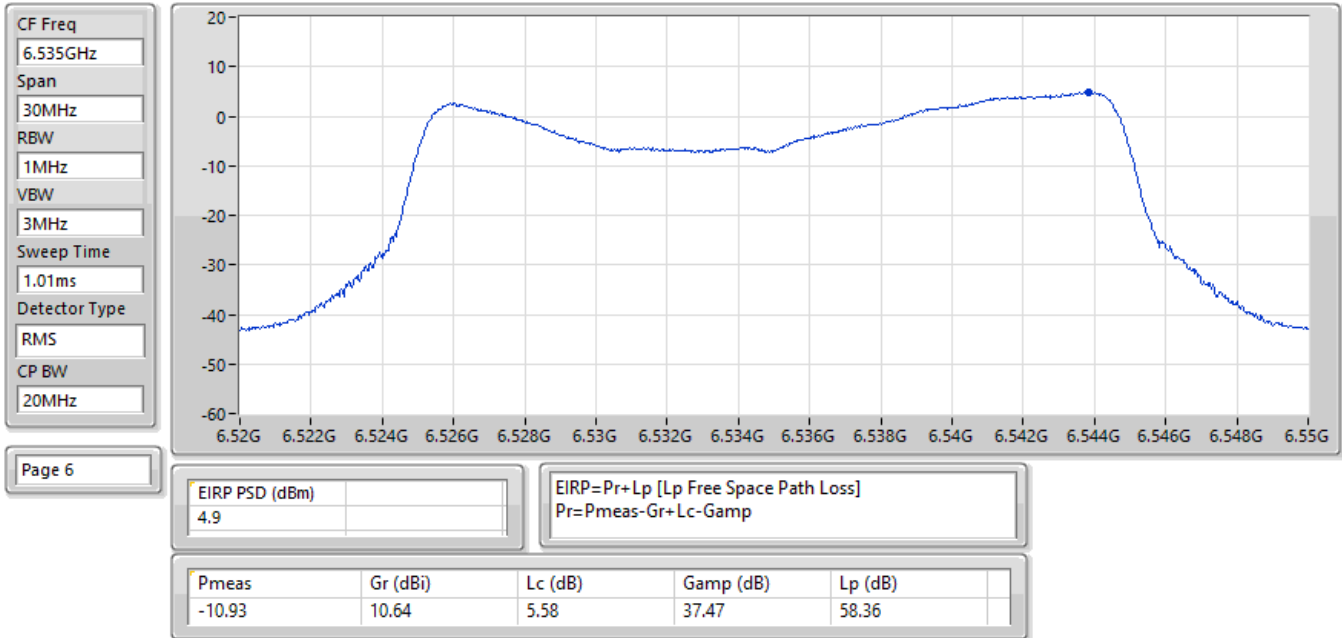
EIRP PSD;Band:6.4G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6505MHz;TX



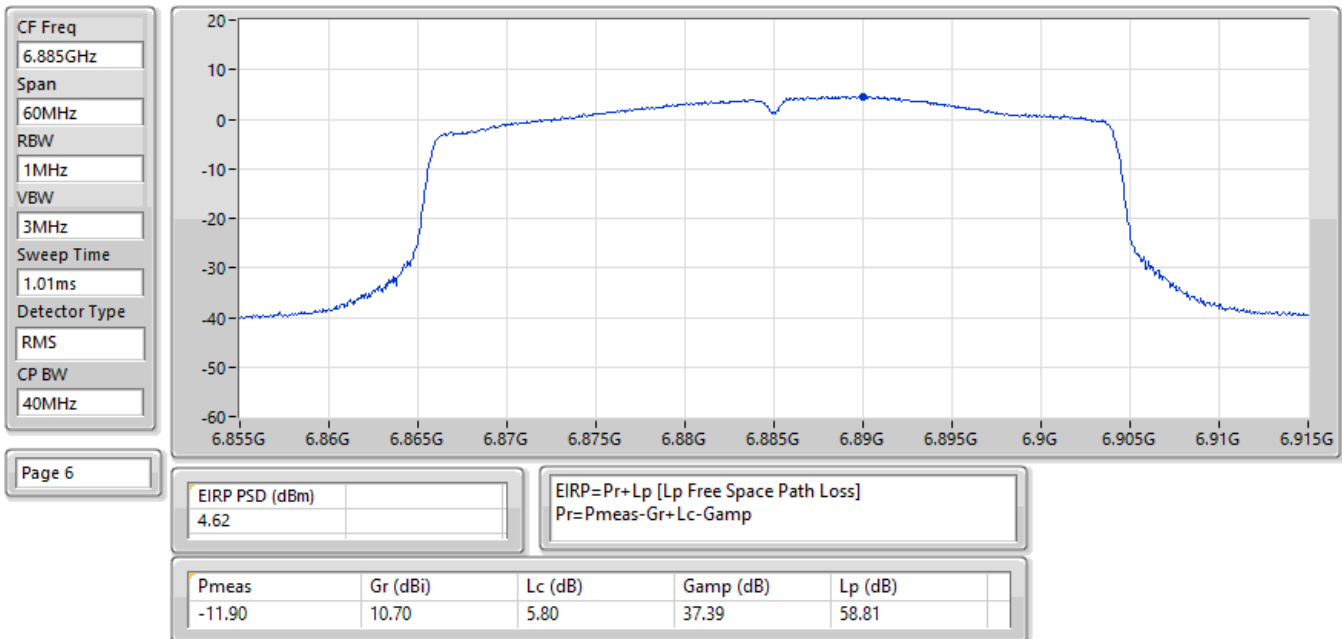
EIRP PSD;Band:6.4G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6585MHz;TX



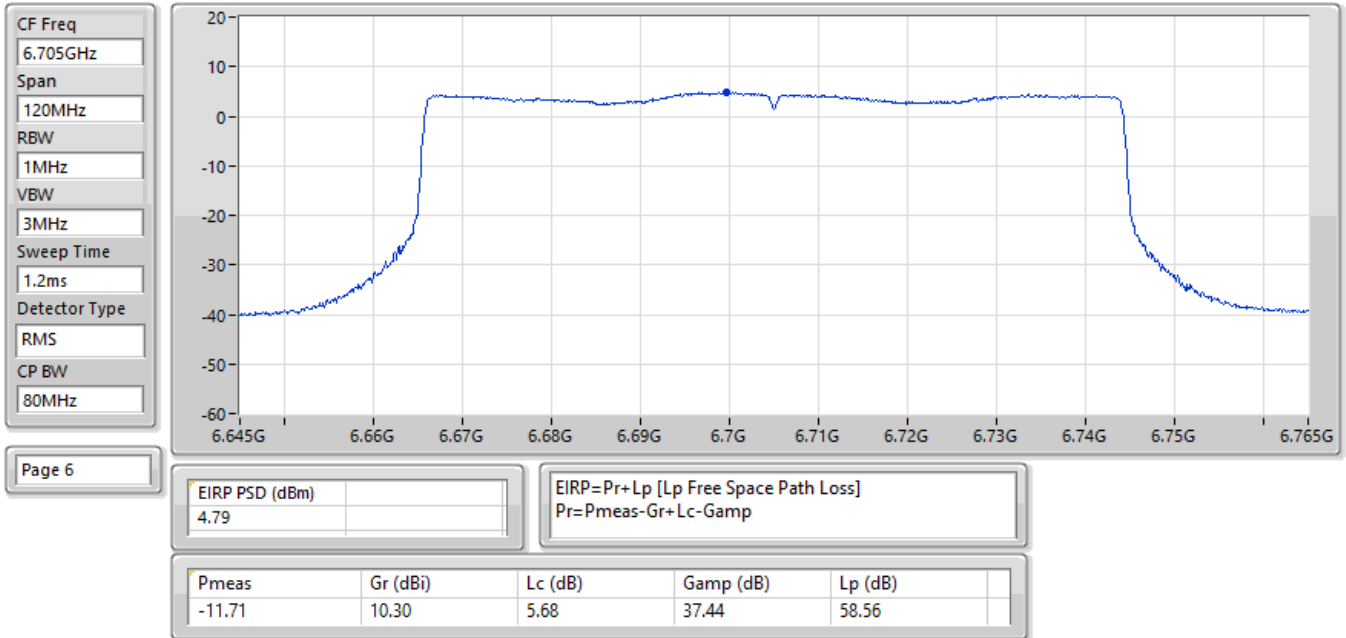
EIRP PSD;Band:6.7G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6535MHz;TX



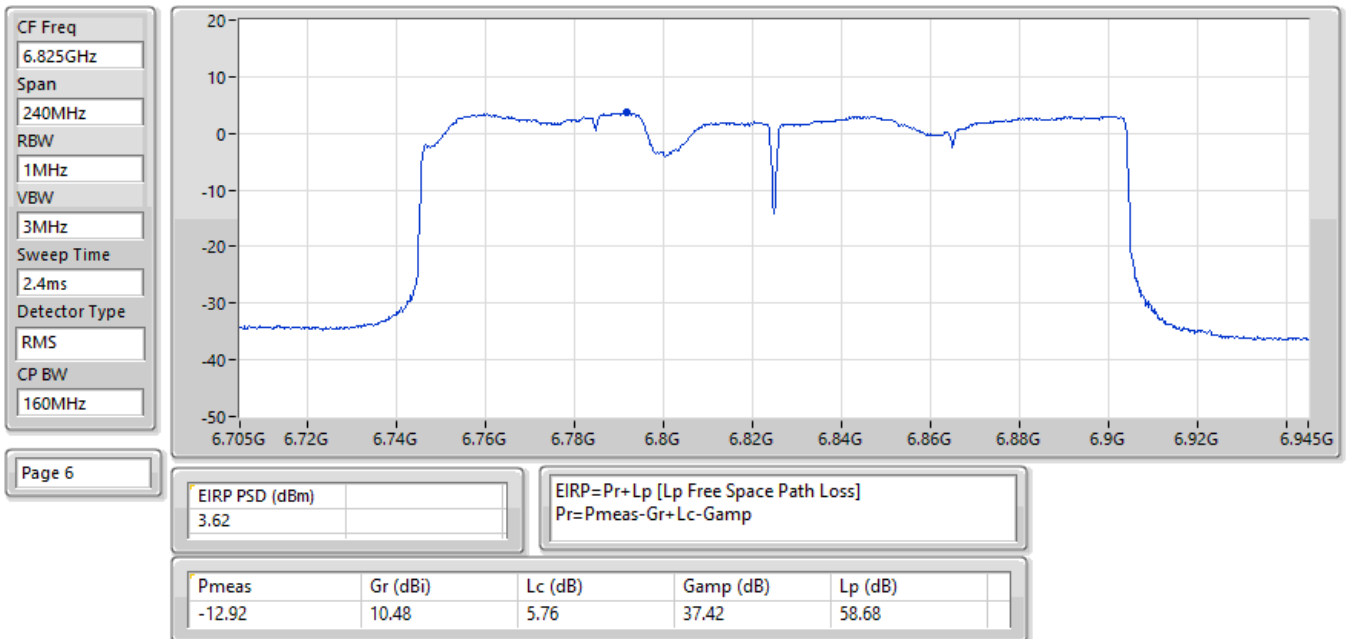
EIRP PSD;Band:6.7G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6885MHz;TX



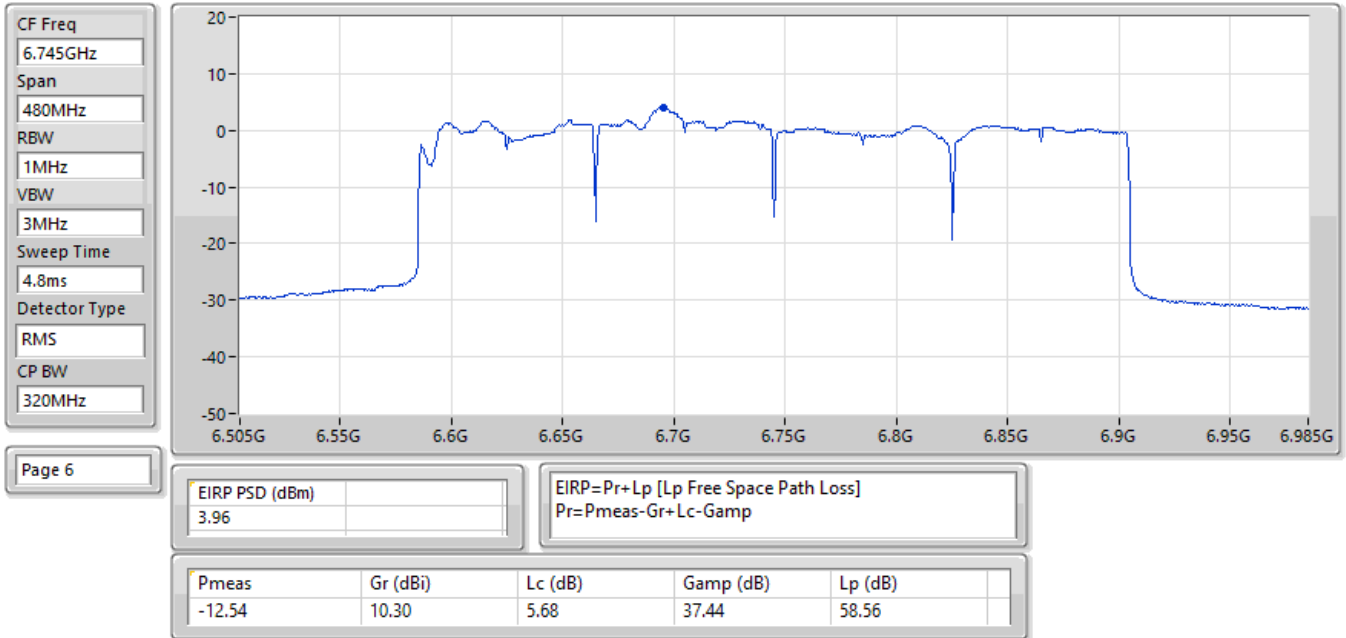
EIRP PSD;Band:6.7G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6705MHz;TX



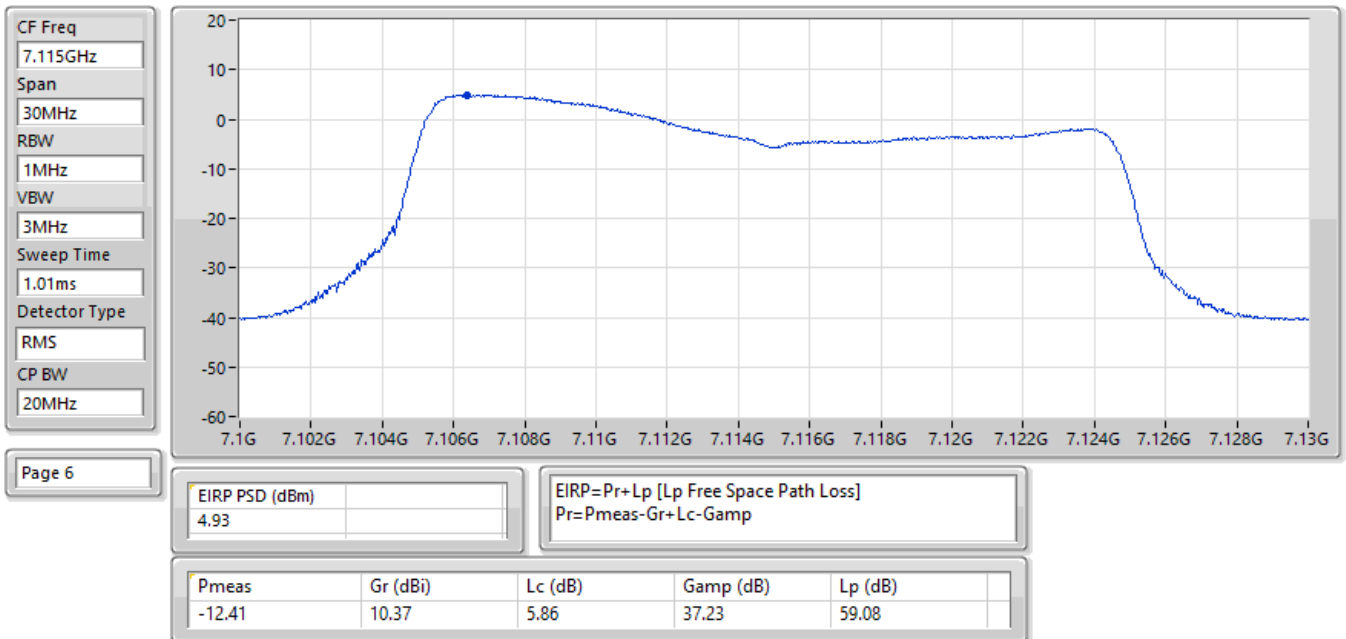
EIRP PSD;Band:6.7G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6825MHz;TX



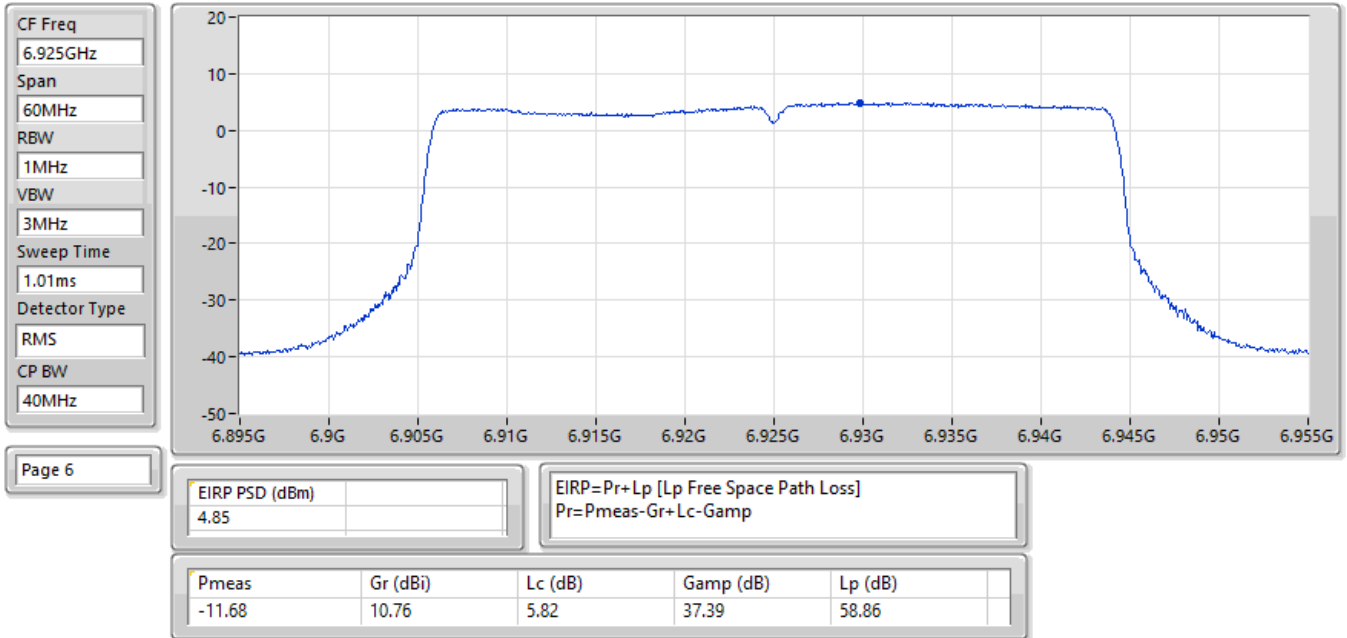
EIRP PSD;Band:6.7G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6745MHz;TX



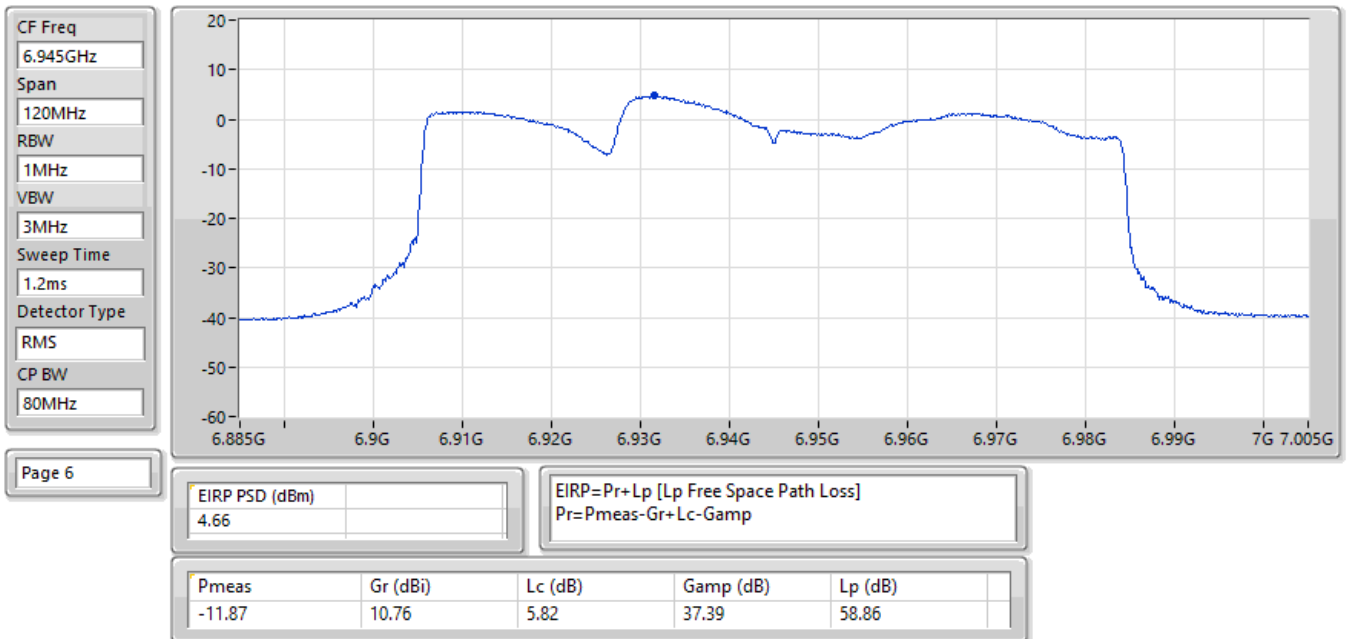
EIRP PSD;Band:7.0G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:7115MHz;TX



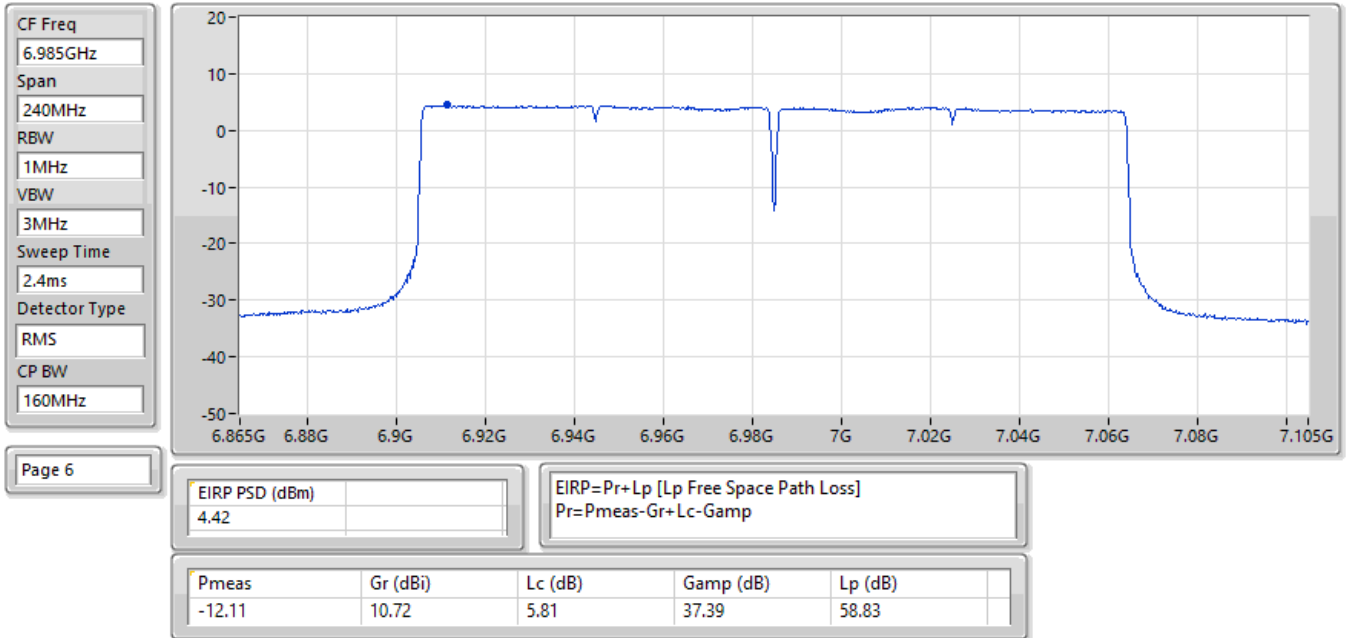
EIRP PSD;Band:7.0G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6925MHz;TX



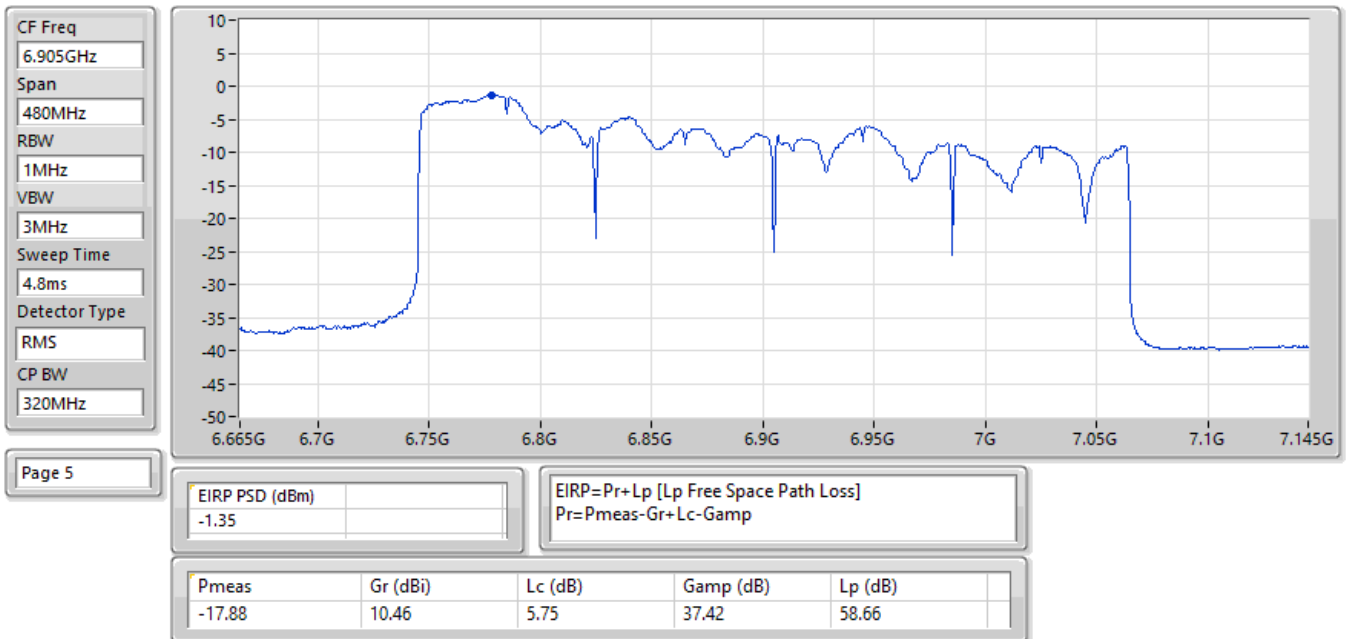
EIRP PSD;Band:7.0G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6945MHz;TX



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



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



**Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
5.925-6.425GHz	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	Pass	5.963323G	-2.47	5.9671G	-35.31	-22.57	-12.74	1
802.11be EHT40_Nss1,(MCS0)_1TX	Pass	5.976347G	0.96	5.9869G	-26.84	-19.06	-7.78	1
802.11be EHT80_Nss1,(MCS0)_1TX	Pass	6.01819G	4.11	6.0767G	-27.24	-24.53	-2.71	1
802.11be EHT160_Nss1,(MCS0)_1TX	Pass	6.337G	3.98	6.5032G	-24.95	-22.91	-2.04	1
802.11be EHT320_Nss1,(MCS0)_1TX	Pass	6.21377G	5.29	6.4218G	-20.70	-17.10	-3.60	1
6.425-6.525GHz	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	Pass	6.480599G	-2.13	6.462975G	-34.71	-22.17	-12.54	1
802.11be EHT40_Nss1,(MCS0)_1TX	Pass	6.4842G	1.95	6.463G	-27.21	-18.09	-9.12	1
802.11be EHT80_Nss1,(MCS0)_1TX	Pass	6.4553G	3.87	6.42G	-22.25	-16.13	-6.12	1
802.11be EHT160_Nss1,(MCS0)_1TX	Pass	6.4984G	3.83	6.7034G	-30.91	-27.71	-3.20	1
802.11be EHT320_Nss1,(MCS0)_1TX	Pass	6.44859G	5.34	6.7202G	-21.42	-16.34	-5.08	1
6.525-6.875GHz	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	Pass	6.543773G	-2.33	6.546725G	-32.66	-22.40	-10.26	1
802.11be EHT40_Nss1,(MCS0)_1TX	Pass	6.668054G	1.87	6.7076G	-27.93	-18.15	-9.78	1
802.11be EHT80_Nss1,(MCS0)_1TX	Pass	6.67341G	4.17	6.634G	-21.68	-17.28	-4.40	1
802.11be EHT160_Nss1,(MCS0)_1TX	Pass	6.76521G	6.06	6.6824G	-17.92	-14.02	-3.90	1
802.11be EHT320_Nss1,(MCS0)_1TX	Pass	6.75744G	4.49	6.6294G	-22.63	-16.66	-5.97	1
6.875-7.125GHz	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	Pass	7.111926G	-12.20	7.071275G	-63.47	-52.20	-11.27	1
802.11be EHT40_Nss1,(MCS0)_1TX	Pass	6.930699G	1.96	6.94765G	-28.59	-17.64	-10.95	1
802.11be EHT80_Nss1,(MCS0)_1TX	Pass	6.99621G	3.89	6.8866G	-41.76	-36.11	-5.65	1
802.11be EHT160_Nss1,(MCS0)_1TX	Pass	6.92002G	4.83	6.8496G	-20.02	-16.10	-3.92	1

**Result**

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.963323G	-2.47	5.9671G	-35.31	-22.57	-12.74	1
6195MHz	Pass	6.203598G	-0.62	6.207425G	-34.66	-20.74	-13.92	1
6415MHz	Pass	6.407952G	-1.73	6.402725G	-36.46	-21.73	-14.73	1
6435MHz	Pass	6.425777G	-1.10	6.447G	-34.16	-21.12	-13.04	1
6475MHz	Pass	6.480599G	-2.13	6.462975G	-34.71	-22.17	-12.54	1
6515MHz	Pass	6.506952G	-2.31	6.526925G	-35.55	-22.31	-13.24	1
6535MHz	Pass	6.543773G	-2.33	6.546725G	-32.66	-22.40	-10.26	1
6695MHz	Pass	6.690201G	-2.51	6.682875G	-34.63	-22.61	-12.02	1
6875MHz	Pass	6.879749G	-2.97	6.8868G	-33.68	-23.03	-10.65	1
6895MHz	Pass	6.886477G	-2.86	6.8829G	-35.77	-22.94	-12.83	1
6995MHz	Pass	6.988477G	-2.24	6.9829G	-36.82	-22.28	-14.54	1
7095MHz	Pass	7.088527G	-3.83	7.1069G	-36.33	-23.43	-12.90	1
7115MHz	Pass	7.111926G	-12.20	7.071275G	-63.47	-52.20	-11.27	1
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.976347G	0.96	5.9869G	-26.84	-19.06	-7.78	1
6205MHz	Pass	6.201901G	3.60	6.2524G	-34.90	-27.05	-7.85	1
6405MHz	Pass	6.395502G	2.89	6.3825G	-26.37	-17.17	-9.20	1
6445MHz	Pass	6.440101G	2.53	6.46815G	-30.43	-17.17	-13.26	1
6485MHz	Pass	6.4842G	1.95	6.463G	-27.21	-18.09	-9.12	1
6525MHz	Pass	6.532898G	1.49	6.50225G	-30.10	-18.52	-11.58	1
6565MHz	Pass	6.562901G	2.40	6.58805G	-28.57	-17.79	-10.78	1
6685MHz	Pass	6.668054G	1.87	6.7076G	-27.93	-18.15	-9.78	1
6885MHz	Pass	6.868604G	1.48	6.9079G	-29.97	-18.57	-11.40	1
6925MHz	Pass	6.930699G	1.96	6.94765G	-28.59	-17.64	-10.95	1
7005MHz	Pass	6.998302G	1.85	6.98215G	-30.76	-18.24	-12.52	1
7085MHz	Pass	7.071553G	-1.16	7.1082G	-35.25	-21.19	-14.06	1
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5985MHz	Pass	6.01819G	4.11	6.0767G	-27.24	-24.53	-2.71	1
6225MHz	Pass	6.24959G	3.90	6.3037G	-26.18	-22.12	-4.06	1
6385MHz	Pass	6.3768G	3.87	6.3392G	-22.01	-16.20	-5.81	1
6465MHz	Pass	6.4553G	3.87	6.42G	-22.25	-16.13	-6.12	1
6545MHz	Pass	6.51411G	3.72	6.6291G	-29.14	-22.74	-6.40	1
6625MHz	Pass	6.59931G	3.94	6.5787G	-20.62	-16.10	-4.52	1
6705MHz	Pass	6.67341G	4.17	6.634G	-21.68	-17.28	-4.40	1
6785MHz	Pass	6.75321G	3.30	6.7033G	-26.99	-21.76	-5.23	1
6865MHz	Pass	6.82781G	4.00	6.7876G	-24.03	-17.54	-6.49	1
6945MHz	Pass	6.91471G	4.50	6.8751G	-21.96	-16.24	-5.72	1
7025MHz	Pass	6.99621G	3.89	6.8866G	-41.76	-36.11	-5.65	1
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
6025MHz	Pass	6.05299G	4.09	6.1808G	-24.09	-18.09	-6.00	1
6185MHz	Pass	6.1994G	4.05	6.329G	-23.41	-18.33	-5.08	1
6345MHz	Pass	6.337G	3.98	6.5032G	-24.95	-22.91	-2.04	1
6505MHz	Pass	6.4984G	3.83	6.7034G	-30.91	-27.71	-3.20	1
6665MHz	Pass	6.63381G	6.20	6.5172G	-19.56	-13.91	-5.65	1
6825MHz	Pass	6.76521G	6.06	6.6824G	-17.92	-14.02	-3.90	1
6985MHz	Pass	6.92002G	4.83	6.8496G	-20.02	-16.10	-3.92	1
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
6105MHz	Pass	6.21377G	5.29	6.4218G	-20.70	-17.10	-3.60	1
6265MHz	Pass	6.29059G	5.19	6.5602G	-21.13	-16.18	-4.95	1
6425MHz	Pass	6.44859G	5.34	6.7202G	-21.42	-16.34	-5.08	1
6585MHz	Pass	6.571G	5.18	6.2666G	-22.86	-15.36	-7.50	1
6745MHz	Pass	6.61063G	5.32	6.4166G	-22.13	-14.70	-7.43	1
6905MHz	Pass	6.75744G	4.49	6.6294G	-22.63	-16.66	-5.97	1

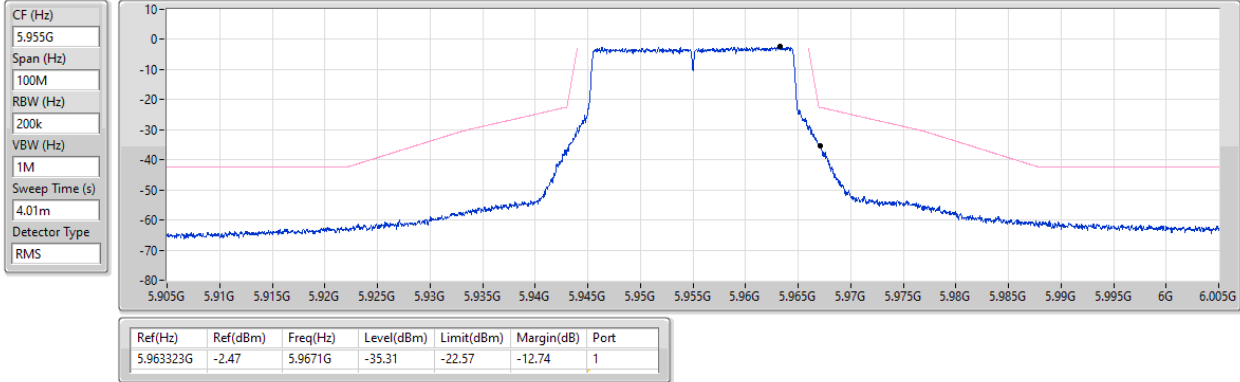


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX

MASK

5955MHz_TX

18/12/2024

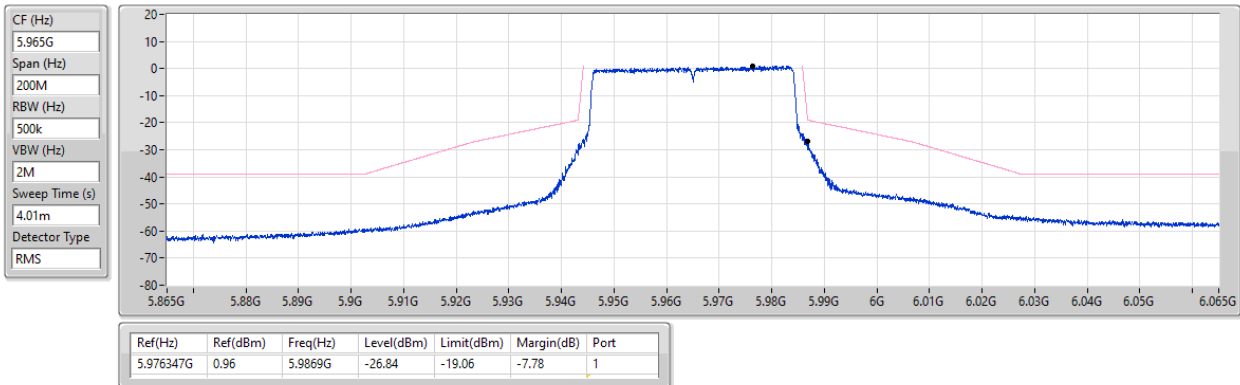


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX

MASK

5965MHz_TX

18/12/2024



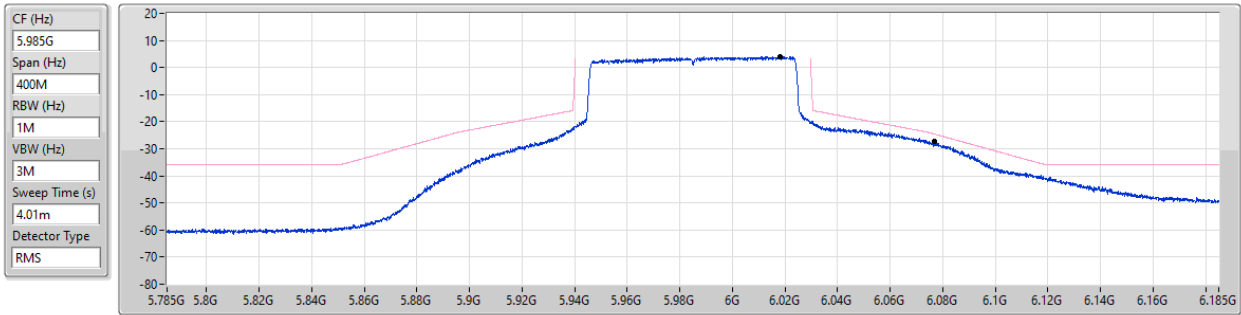


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX

MASK

5985MHz_TX

18/12/2024



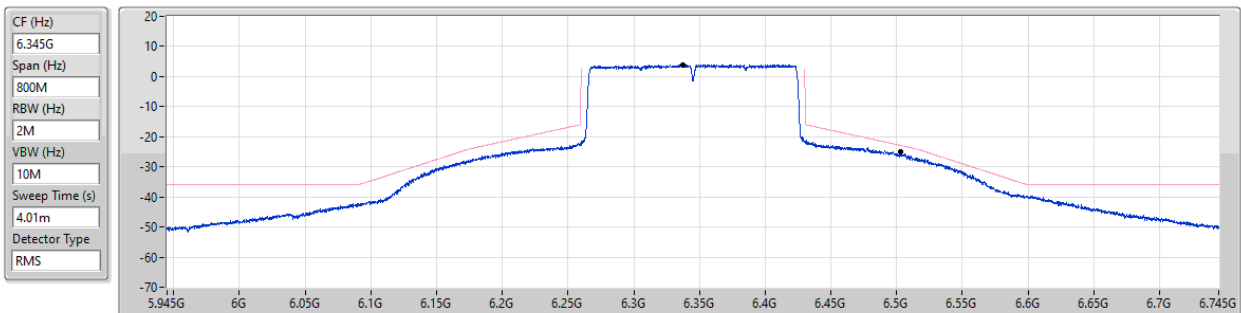
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.01819G	4.11	6.0767G	-27.24	-24.53	-2.71	1

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

MASK

6345MHz_TX

18/12/2024



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.337G	3.98	6.5032G	-24.95	-22.91	-2.04	1

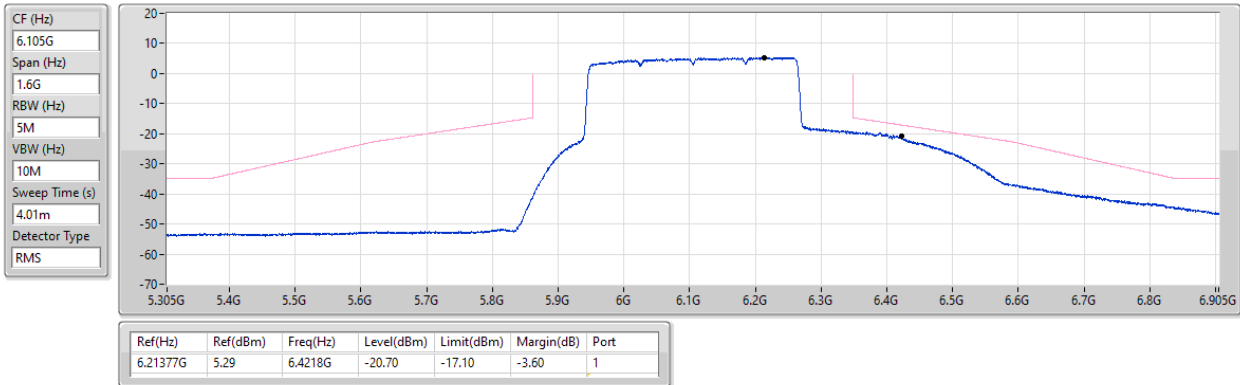


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX

MASK

6105MHz_TX

18/12/2024

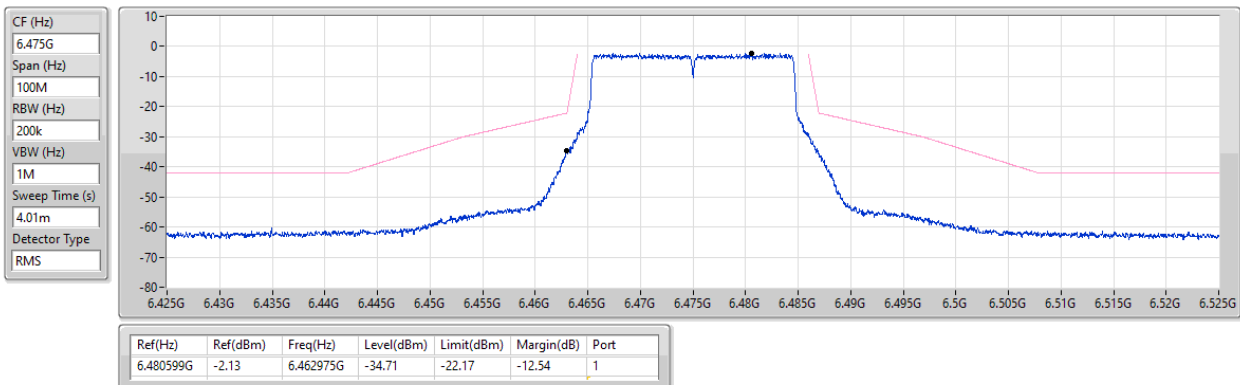


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_1TX

MASK

6475MHz_TX

18/12/2024



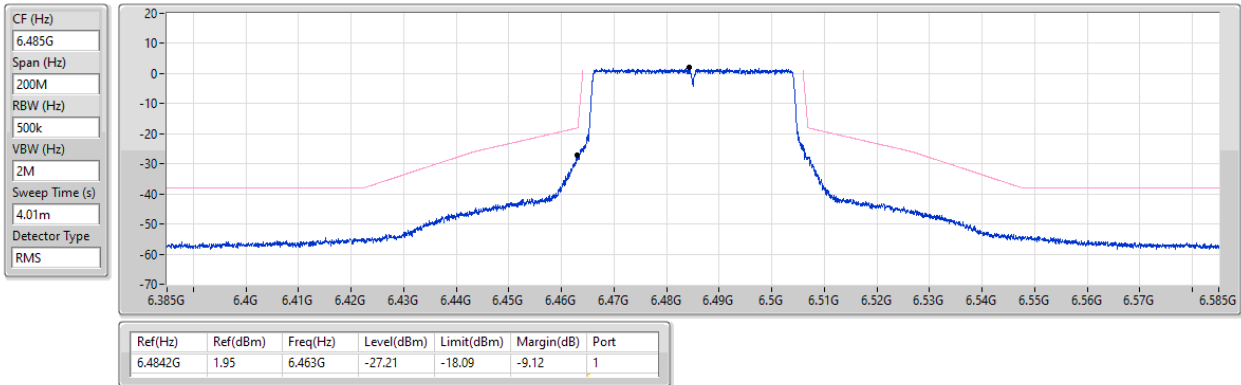


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_1TX

MASK

6485MHz_TX

18/12/2024

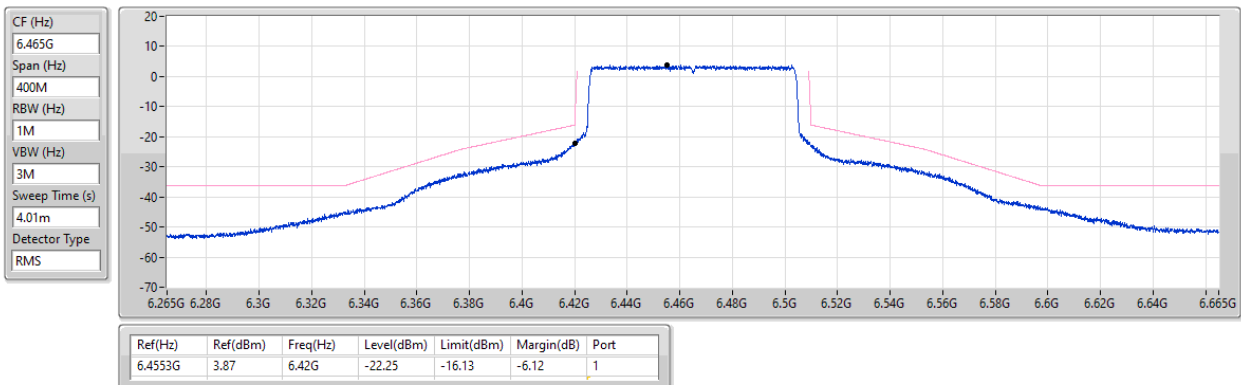


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_1TX

MASK

6465MHz_TX

18/12/2024



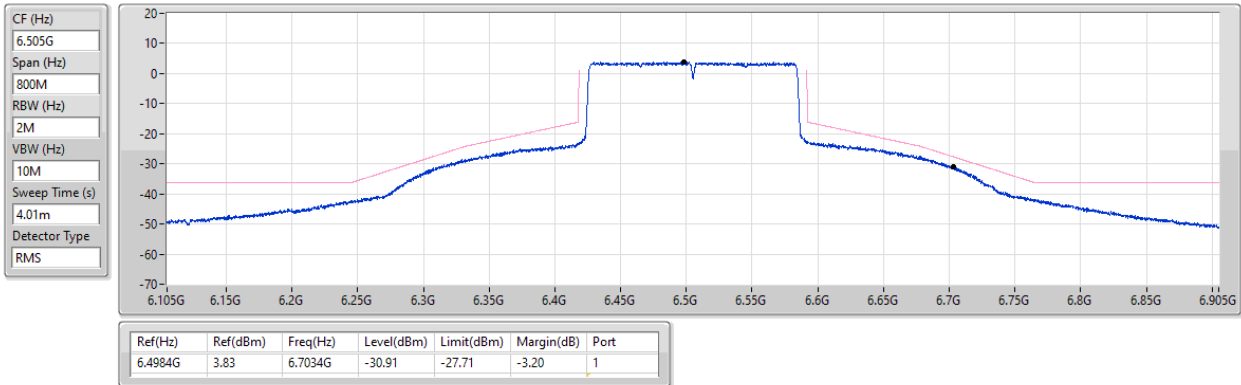


6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_1TX

MASK

6505MHz_TX

18/12/2024

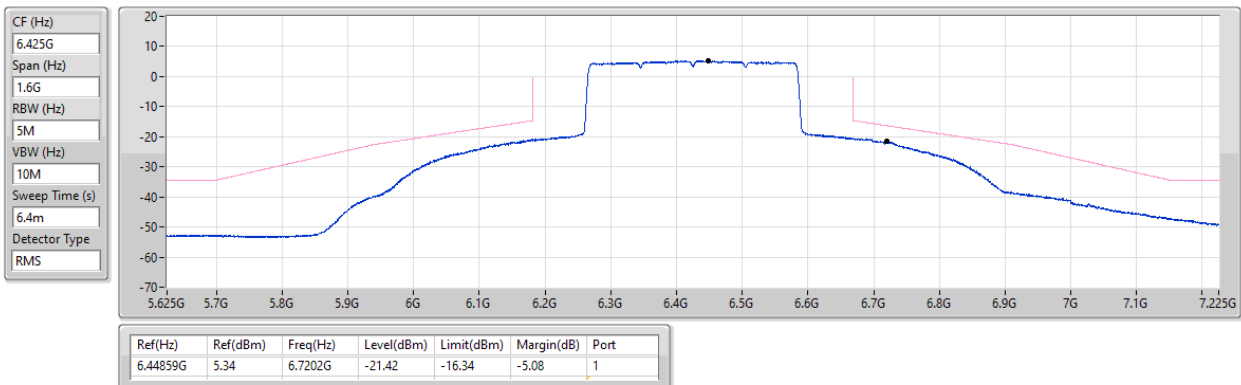


6.425-6.525GHz_802.11be EHT320_Nss1,(MCS0)_1TX

MASK

6425MHz_TX

18/12/2024



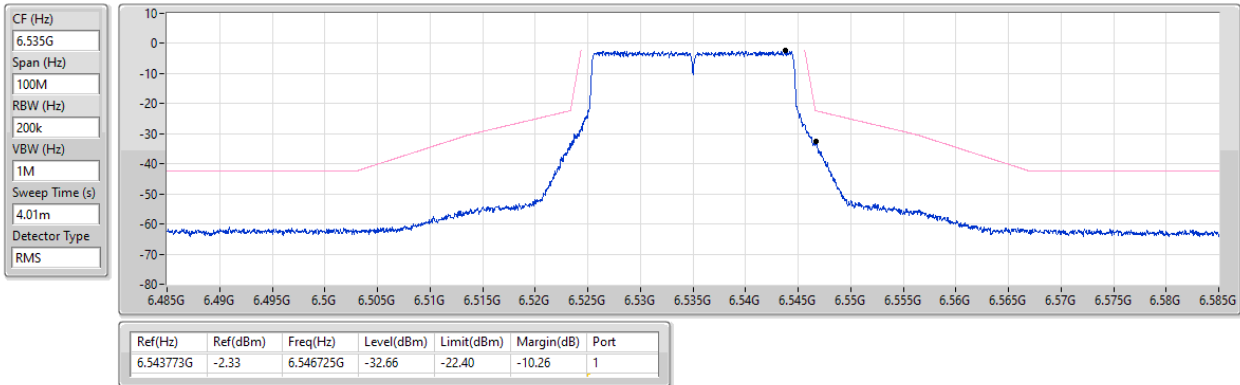


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX

MASK

6535MHz_TX

18/12/2024

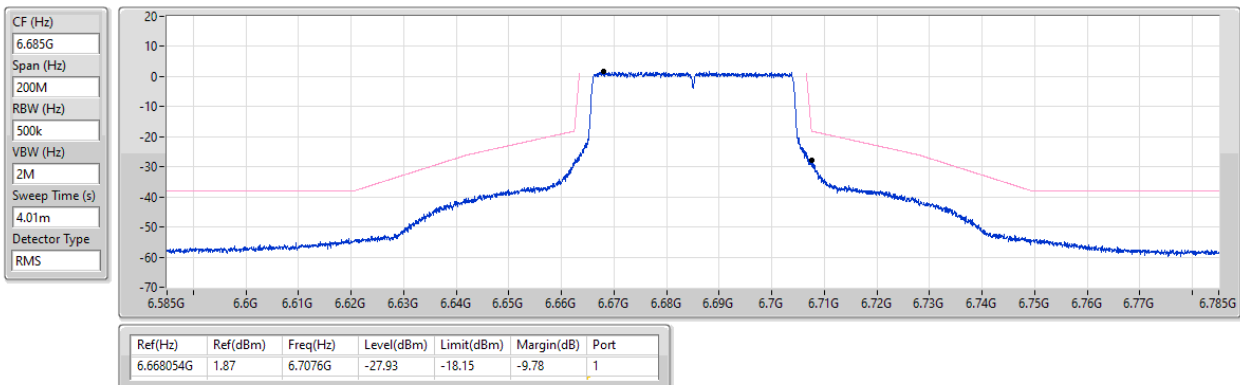


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX

MASK

6685MHz_TX

18/12/2024



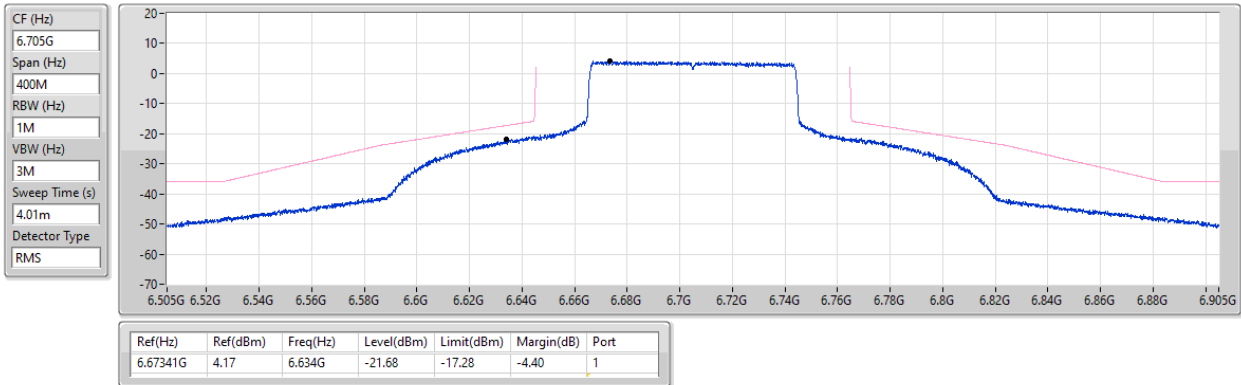


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX

MASK

6705MHz_TX

18/12/2024

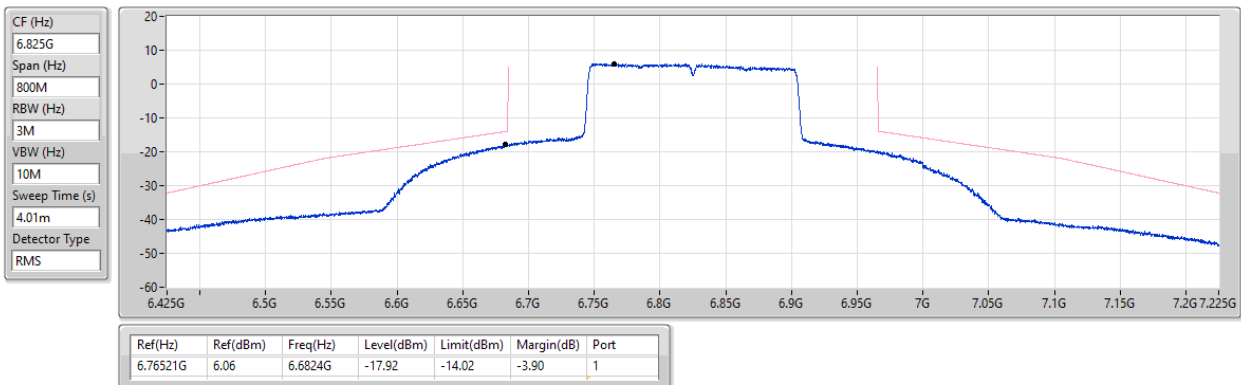


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX

MASK

6825MHz_TX

18/12/2024



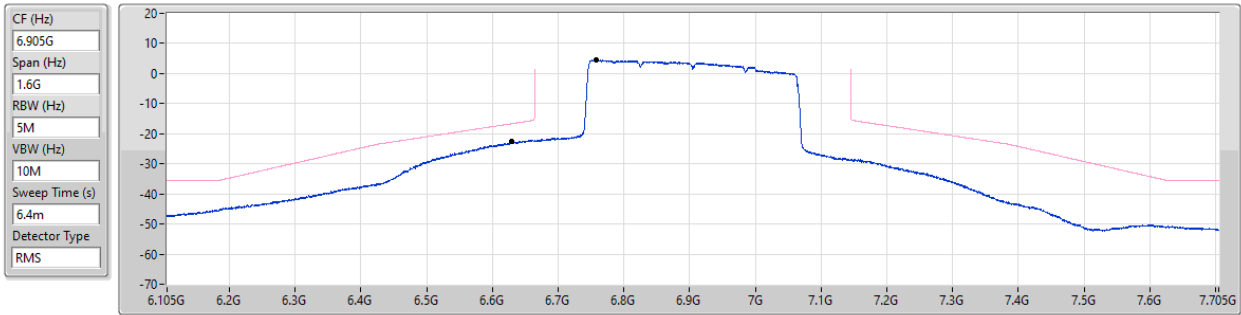


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_1TX

MASK

6905MHz_TX

20/12/2024

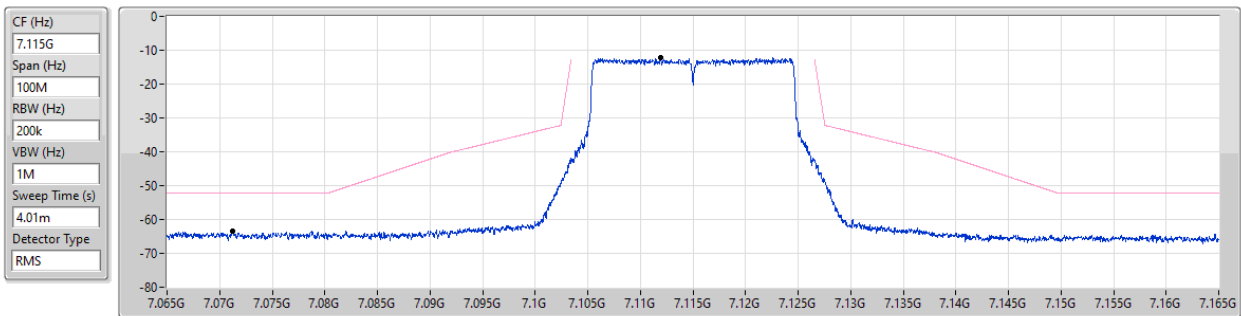


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_1TX

MASK

7115MHz_TX

18/12/2024



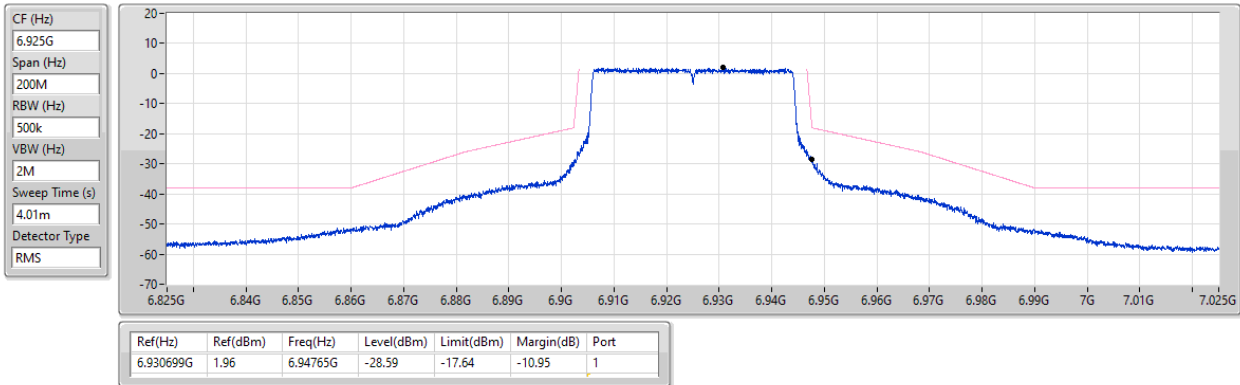


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_1TX

MASK

6925MHz_TX

18/12/2024



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

MASK

7025MHz_TX

18/12/2024

