



RADIO TEST REPORT

FCC ID : Z8H89FT0086
Equipment : X7-55X Wi-Fi 7 Indoor Access Point
Brand Name : Cambium Networks
Model Name : X7-55X
Applicant : Cambium Networks Inc.
3800 Golf Road, Suite 360 Rolling Meadows, IL 60008, USA
Manufacturer : Cambium Networks Inc.
3800 Golf Road, Suite 360 Rolling Meadows, IL 60008, USA
Standard : 47 CFR FCC Part 15.407

The product was received on Jun. 25, 2024, and testing was started from Jul. 03, 2024 and completed on Mar. 17, 2025. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

 Sam Chen
2025.04.21
17:42:38 +08'00'

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Information.....	5
1.2 Applicable Standards	10
1.3 Testing Location Information	10
1.4 Measurement Uncertainty	11
2 Test Configuration of EUT	12
2.1 Test Channel Mode	12
2.2 The Worst Case Measurement Configuration	15
2.3 EUT Operation during Test	17
2.4 Accessories	18
2.5 Support Equipment.....	18
2.6 Test Setup Diagram	20
3 Transmitter Test Result	24
3.1 AC Power-line Conducted Emissions	24
3.2 Emission Bandwidth	26
3.3 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	27
3.4 Peak Power Spectral Density (E.I.R.P.)	30
3.5 Unwanted Emissions.....	33
3.6 Contention Based Protocol.....	38
4 Test Equipment and Calibration Data	39
Appendix A. Test Results of AC Power-line Conducted Emissions	
Appendix B. Test Results of Emission Bandwidth	
Appendix C. Test Results of Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	
Appendix D. Test Results of Peak Power Spectral Density (E.I.R.P.)	
Appendix E. Test Results of Unwanted Emissions	
Appendix F. Test Results of Contention-Based Protocol	
Appendix G. Test Photos	
Photographs of EUT v01	



TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

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	-
-	15.407(a)	Proper Power Adjustment	N/A	Non-Dual Client Device or non-Standard Client Device w/o test
-	15.407(a)	Transmit Power Control	N/A	Non-Very Low Power Device w/o test
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	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

1. The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.
2. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.

Reviewed by: Sam Chen

Report Producer: Muse Chan



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-7125	ax (HEW20), 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	be (EHT320)	6105-6905	31-191 [6]

Band	Mode	BWch (MHz)	Nant
5.925-7.125GHz	802.11ax HEW20	20	4TX
5.925-7.125GHz	802.11ax HEW20-BF	20	4TX
5.925-7.125GHz	802.11be EHT20	20	4TX
5.925-7.125GHz	802.11be EHT20-BF	20	4TX
5.925-7.125GHz	802.11ax HEW40	40	4TX
5.925-7.125GHz	802.11ax HEW40-BF	40	4TX
5.925-7.125GHz	802.11be EHT40	40	4TX
5.925-7.125GHz	802.11be EHT40-BF	40	4TX
5.925-7.125GHz	802.11ax HEW80	80	4TX
5.925-7.125GHz	802.11ax HEW80-BF	80	4TX
5.925-7.125GHz	802.11be EHT80	80	4TX
5.925-7.125GHz	802.11be EHT80-BF	80	4TX
5.925-7.125GHz	802.11ax HEW160	160	4TX
5.925-7.125GHz	802.11ax HEW160-BF	160	4TX
5.925-7.125GHz	802.11be EHT160	160	4TX
5.925-7.125GHz	802.11be EHT160-BF	160	4TX
5.925-7.125GHz	802.11be EHT320	320	4TX
5.925-7.125GHz	802.11be EHT320-BF	320	4TX

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.

**1.1.2 Antenna Information**

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Modes of Operation
1	1	ACCTON	RFMTA202028IMLB901-1	Dipole	I-PEX	Note 1	WLAN 2.4GHz (Radio 1)
2	2	ACCTON	RFMTA202028IMLB901-2	Dipole	I-PEX		WLAN 2.4GHz (Radio 1)
3	1	ACCTON	RFMTA202028IMLB901-3	Dipole	I-PEX		WLAN 5GHz UNII 1-3 or UNII 1-2A (Radio 2)
4	2	ACCTON	RFMTA202028IMLB901-4	Dipole	I-PEX		WLAN 5GHz UNII 1-3 or UNII 1-2A (Radio 2)
5	3	ACCTON	RFMTA202028IMLB901-5	Dipole	I-PEX		WLAN 5GHz UNII 1-3 or UNII 1-2A (Radio 2)
6	4	ACCTON	RFMTA202028IMLB901-6	Dipole	I-PEX		WLAN 5GHz UNII 1-3 or UNII 1-2A (Radio 2)
7	1	ACCTON	RFMTA202028IMLB901-7	PIFA	I-PEX		WLAN 5GHz UNII 2C-4 or WLAN 6GHz (Radio 4)
8	2	ACCTON	RFMTA202028IMLB901-8	PIFA	I-PEX		WLAN 5GHz UNII 2C-4 or WLAN 6GHz (Radio 4)
9	3	ACCTON	RFMTA202028IMLB901-9	PIFA	I-PEX		WLAN 5GHz UNII 2C-4 or WLAN 6GHz (Radio 4)
10	4	ACCTON	RFMTA202028IMLB901-10	PIFA	I-PEX		WLAN 5GHz UNII 2C-4 or WLAN 6GHz (Radio 4)
11	1	ACCTON	GT128V007S-001-1	On board chip	N/A		Bluetooth or Zigbee (Radio 3)



Note 1:

Ant.	Antenna Gain (dBi)						
	WLAN 2.4GHz (Radio 1)						
	2.4GHz		2.45GHz		2.4835GHz		
1	5.18		5.54		4.85		
2	4.30		4.91		4.16		
Ant.	WLAN 5GHz UNII 1-3 or UNII 1-2A (Radio 2)						
	5.2GHz	5.3GHz		5.6GHz		5.785GHz	
3	4.53	4.73		5.43		5.95	
4	4.42	4.45		5.71		4.41	
5	4.41	4.77		3.91		3.44	
6	4.30	4.6		3.73		4.00	
Ant.	WLAN 5GHz UNII 2C-4 or WLAN 6GHz (Radio 4)						
	5.6GHz	5.785GHz	5.885GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
7	7.62	7.57	7.21	6.61	6.48	5.84	4.61
8	4.54	4.69	4.98	5.24	4.56	4.54	4.66
9	5.08	6.56	5.89	7.48	6.00	5.31	4.96
10	6.95	6.90	5.49	6.12	4.54	4.71	4.98
Bluetooth or Zigbee (Radio 3)							
11	4.3						

Item	Directional Gain (dBi)						
	WLAN 2.4GHz (Radio 1)						
	2.4GHz		2.45GHz		2.4835GHz		
2T1S	6.91		6.86		6.04		
2T2S	5.18		5.54		4.85		
Item	WLAN 5GHz UNII 1-3 or UNII 1-2A (Radio 2)						
	5.2GHz		5.3GHz		5.6GHz		5.785GHz
4T1S	8.62		9.31		9.18		8.43
4T2S	5.62		6.31		6.18		5.95
4T4S	4.53		4.77		5.71		5.95
Item	WLAN 5GHz UNII 2C-4 or WLAN 6GHz (Radio 4)						
	5.6GHz	5.785GHz	5.885GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
4T1S	8.64	9.25	8.37	8.52	7.67	8.34	6.87
4T2S	7.62	7.57	7.21	7.48	6.48	5.84	4.98
4T4S	7.62	7.57	7.21	7.48	6.48	5.84	4.98



Note 2: The above information (excepting Ant. 1-10 antenna gain and directional gain) was declared by manufacturer.

Note 3: Radio 1, 2, 4: Maximum Directional Gain following KDB662911 D03.

For Radio 1:

For 2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (2TX/2RX)

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

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 2:

For 5GHz (UNII 1-3 or UNII 1-2A) IEEE 802.11a/n/ac/ax/be mode (4TX/4RX)

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

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

For Radio 3:

For Bluetooth or Zigbee mode (1TX/1RX)

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

For Radio 4:

For 5GHz (UNII 2C-4) IEEE 802.11a/n/ac/ax/be mode (4TX/4RX)

For 6GHz IEEE 802.11ax/be mode (4TX/4RX)

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

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

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11be EHT20_Nss 1,(M0)	0.98	0.09	5.455m	10Hz (DC $\geq$ 0.98)
802.11be EHT40_Nss 1,(M0)	0.987	0.06	5.456m	10Hz (DC $\geq$ 0.98)
802.11be EHT80_Nss 1,(M0)	0.976	0.11	5.456m	300
802.11be EHT160_Nss 1,(M0)	0.975	0.11	5.456m	300
802.11be EHT320_Nss 1,(M0)	0.985	0.07	5.46m	10Hz (DC $\geq$ 0.98)
802.11be EHT20-BF_Nss 1,(M0)	0.952	0.21	2.987m	500
802.11be EHT40-BF_Nss 1,(M0)	0.907	0.42	3.712m	300
802.11be EHT80-BF_Nss 1,(M0)	0.853	0.69	1.811m	1k
802.11be EHT160-BF_Nss 1,(M0)	0.947	0.24	3.9m	300
802.11be EHT320-BF_Nss 1,(M0)	0.949	0.23	3.991m	300

Note:

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

**1.1.4 EUT Operational Condition**

EUT Power Type	Power from PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for Radio 1 (n/VHT/ax/be in 2.4GHz), Radio 2 (n/ac/ax/be in 5GHz), and Radio 4 (n/ac/ax/be in 5GHz and ax/be in 6GHz).			
Device Type	☒	Indoor Access Point	☐	Subordinate
	☐	Indoor Client	☐	Standard Power Access Point
	☐	Dual Client	☐	Standard Client
	☐	Fixed Client	☐	Very Low Power
Condition of EUT	☒	Indoor	☐	Outdoor
Channel Puncturing Function	☐	Supported Static Puncturing		
	☐	Supported Dynamic Puncturing		
	☒	Unsupported		
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	For Non-beamforming mode: V6.00.00164.3 For Beamforming mode: DOS [ver 6.1.7601]			
Software / Firmware Version for CBP	7.1-a0			

Note: The above information was declared by manufacturer.

1.1.5 Table for Radio function

Radio \ Function	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth	Zigbee
1	V	-	-	-	-
2	-	V (UNII 1-3 or UNII 1-2A)	-	-	-
3	-	-	-	V	V
4	-	V (UNII 2C-4)	V	-	-

Note 1: For WLAN 5GHz: The Radio 2 and 4 can't operate at the same frequency simultaneously.

Note 2: The above information was declared by manufacturer.

1.1.6 Table for EUT Operation Function

Mode	Operation Function
1	R1: 2.4GHz + R2: 5GHz Full Band + R3: Bluetooth + R4: 6GHz
2	R1: 2.4GHz + R2: 5GHz Full Band + R3: Zigbee + R4: 6GHz
3	R1: 2.4GHz + R2: 5GHz Low Band+ R3: Bluetooth + R4: 5GHz High band
4	R1: 2.4GHz + R2: 5GHz Low Band+ R3: Zigbee + R4: 5GHz High band

Note 1: The R means Radio.

Full Band means UNII 1-3.

Low Band means UNII 1-2A.

High Band means UNII 2C-4.

Note 2: The above information was declared by manufacturer.



1.2 Applicable Standards

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

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

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

- ♦ FCC KDB 987594 D02 v03
- ♦ FCC KDB 662911 D03 v01
- ♦ FCC KDB 412172 D01 v01r01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (For other tests)	TH02-CB	KJ Chang	22.8~24.8 / 61~63	Jul. 03, 2024~ Jan. 22, 2025
				Mar. 17, 2025
Radiated (Below 1GHz)	03CH06-CB	Gordon Hung	21.9-22.4 / 55-58	Feb. 06, 2025
RF Radiated (Above 1GHz and E.I.R.P. Power/PSD)	03CH01-CB	Gordon Hung	21.7-23 / 54-58	Dec. 07, 2024~ Jan. 06, 2025
	03CH03-CB		21.4-22.3 / 55-58	
	03CH04-CB		22.1-23.4 / 56-59	
AC Conduction	CO01-CB	Joe Chu	21~22 / 52~53	Dec. 25, 2024
RF Conducted (Contention-Based Protocol test)	DF01-CB	Rj Huang	21.8~22.8 / 57~61	Mar. 05, 2025



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.0 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.1 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
802.11be EHT20_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
7115MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz



Mode
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320_Nss1,(MCS0)_4TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
7115MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz



Mode
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160-BF_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320-BF_Nss1,(MCS0)_4TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz

Note:

- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only, due to similar modulation. The power setting of HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160.

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	Normal Link
1	EUT_R1: 2.4GHz + R2: 5GHz Full Band + R3: Bluetooth + R4: 6GHz + PoE
2	EUT_R1: 2.4GHz + R2: 5GHz Full Band + R3: Zigbee(TX) + R4: 6GHz + PoE
3	EUT_R1: 2.4GHz + R2: 5GHz Full Band + R3: Zigbee(RX) + R4: 6GHz + PoE
4	EUT_R1: 2.4GHz + R2: 5GHz Low Band+ R3: Bluetooth + R4: 5GHz High band + PoE
5	EUT_R1: 2.4GHz + R2: 5GHz Low Band+ R3: Zigbee(TX) + R4: 5GHz High band + PoE
6	EUT_R1: 2.4GHz + R2: 5GHz Low Band+ R3: Zigbee(RX) + R4: 5GHz High band + PoE
For operating mode 6 is the worst case and it was record in this test report.	

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.)
Test Condition	Radiated measurement 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.
After evaluating, the worst case was found at Z axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Z axis



The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
	After evaluating, EUT in Z axis was the worst case for Bluetooth and Y axis for others from radiated emission above 1GHz, so the measurement will follow this same test configuration.
1	EUT in Y axis + R1: 2.4GHz + PoE
2	EUT in Y axis + R2: 5GHz + PoE
3	EUT in Y axis + R4: 5GHz + PoE
4	EUT in Y axis + R4: 6GHz + PoE
5	EUT in Z axis + R3: Bluetooth + PoE
6	EUT in Y axis + R3: Zigbee + PoE
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	After evaluating, and the worst case was found as below. So the measurement will follow this same test configuration.
1	EUT in Z axis (Bandedge) / EUT in Y axis (Harmonic)

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	R1: 2.4GHz + R2: 5GHz Full Band + R3: Bluetooth + R4: 6GHz
2	R1: 2.4GHz + R2: 5GHz Full Band + R3: Zigbee + R4: 6GHz
3	R1: 2.4GHz + R2: 5GHz Low Band+ R3: Bluetooth + R4: 5GHz High band
4	R1: 2.4GHz + R2: 5GHz Low Band+ R3: Zigbee+ R4: 5GHz High band
Refer to Sporton Test Report No.: FA462417 for Co-location RF Exposure Evaluation.	

Note 1: The PoE is for measurement only, would not be marketed. PoE information as below:

Power	Brand	Model
PoE	Cambium	NET-P30-56IN

Note 2: The USB port cannot be used by the end user, as declared by the manufacturer.



2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.
The program was executed as follows:

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

For Normal Link:

During the test, the EUT operation to normal function.



2.4 Accessories

Accessories
Wall-mounted rack 1*1
Wall-mounted rack 2*1

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	Cambium	NET-P30-56IN	N/A
B	Zigbee device	Cambium	X7-55X	Z8H89FT0086
C	LAN PC	ASUS	S300TA	TX2-RTL8821C
D	2.4G NB	DELL	E6430	N/A
E	5GL NB	DELL	E6430	N/A
F	5GH NB	DELL	E6430	N/A
G	Zigbee device PC	ASUS	S300TA	TX2-RTL8821C
H	Flash disk3.0	Transcend	JetFlash-703	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE	Cambium	NET-P30-56IN	N/A
E	Fixture	SILICON LABS	PCB1015A	N/A



For Radiated (above 1GHz) and RF Radiated (Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) and Peak Power Spectral Density (E.I.R.P.):

<Non-beamforming mode>

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE	Cambium	NET-P30-56IN	N/A

<Beamforming mode>

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE	Cambium	NET-P30-56IN	N/A
C	Device	Cambium	X7-55X	Z8H89FT0086
D	NB	DELL	E4300	N/A

For RF Conducted (Other tests):

<Non-beamforming mode>

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE	Cambium	NET-P30-56IN	N/A

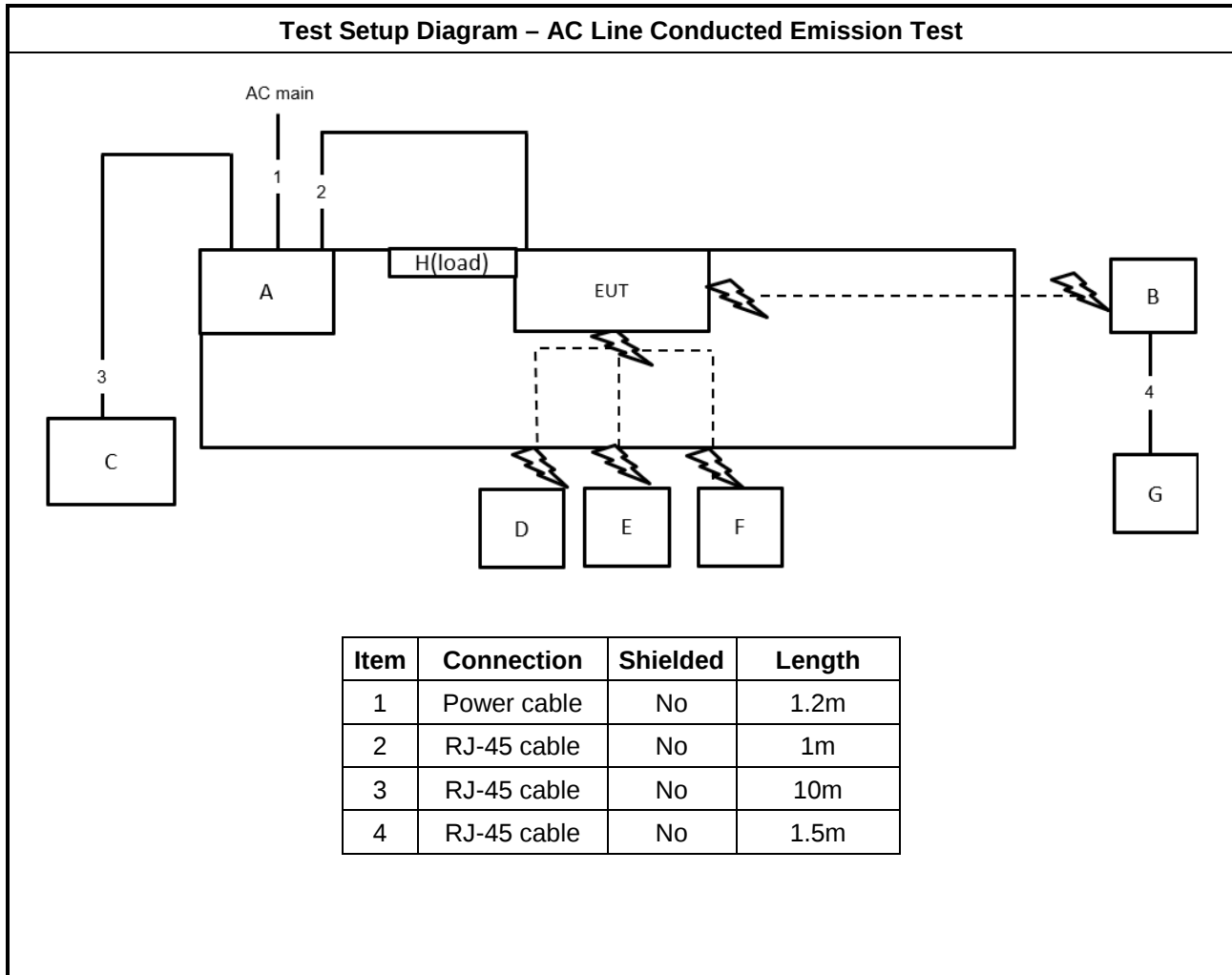
<Beamforming mode>

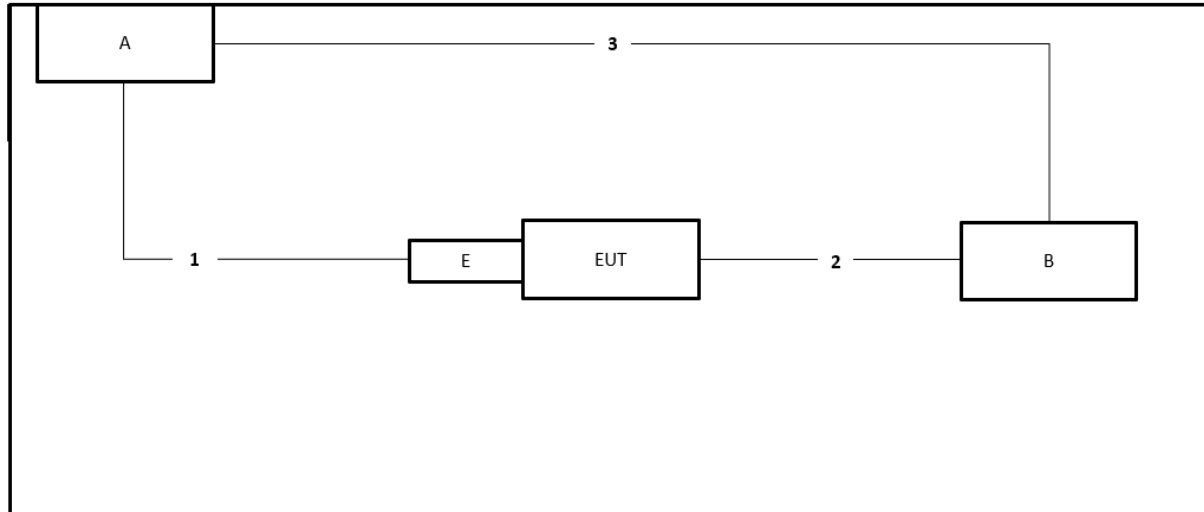
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Device	Cambium	X7-55X	Z8H89FT0086
C	NB	DELL	E4300	N/A
D	PoE	Cambium	NET-P30-56IN	N/A

For RF Conducted (Contention Based Protocol test):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	Device	Cambium	X7-55X	Z8H89FT0086
D	PoE	Cambium	NET-P30-56IN	N/A

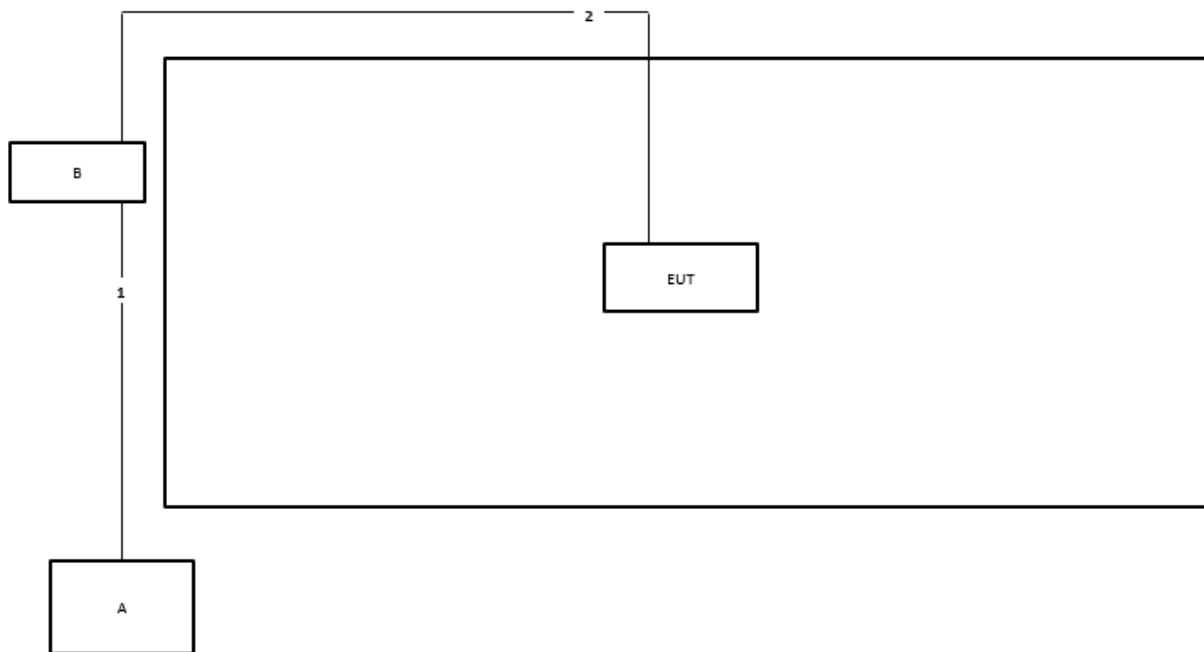
2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


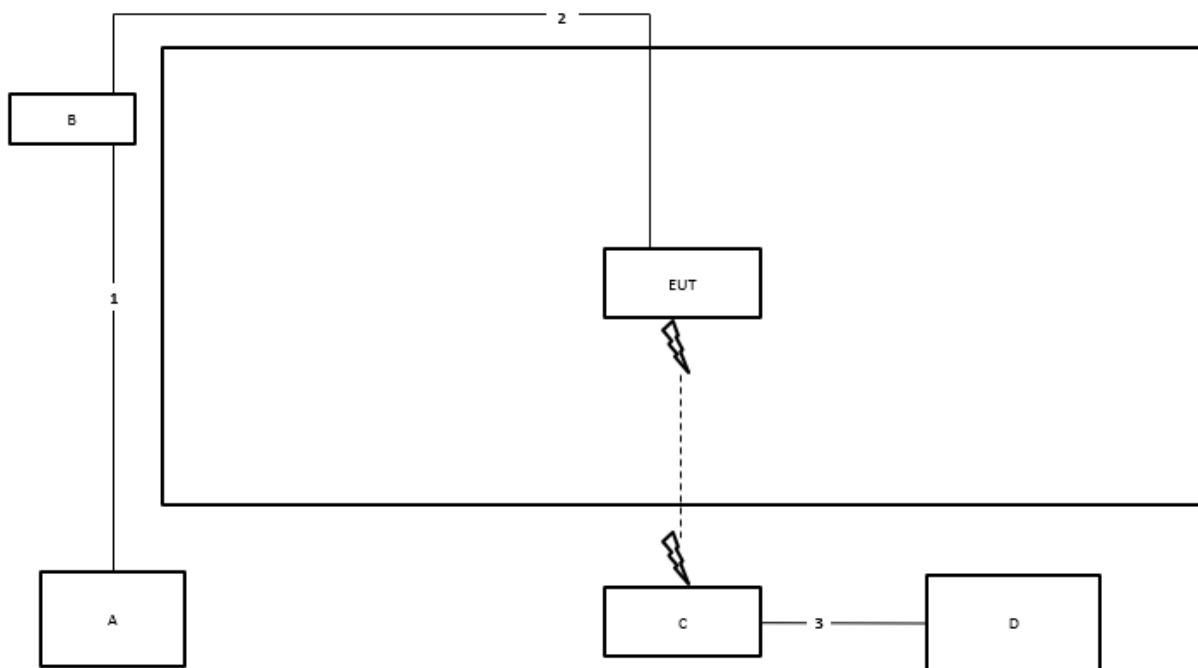
Item	Connection	Shielded	Length
1	USB to TypeC cable	Yes	1m
2	RJ-45 cable	No	1m
3	RJ-45 cable	No	1m

**Test Setup Diagram - Radiated Test > 1GHz
<Non-beamforming mode>**



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

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



Item	Connection	Shielded	Length
1	RJ-45 cable	No	1m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1m
4	RJ-45 cable	No	10m



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

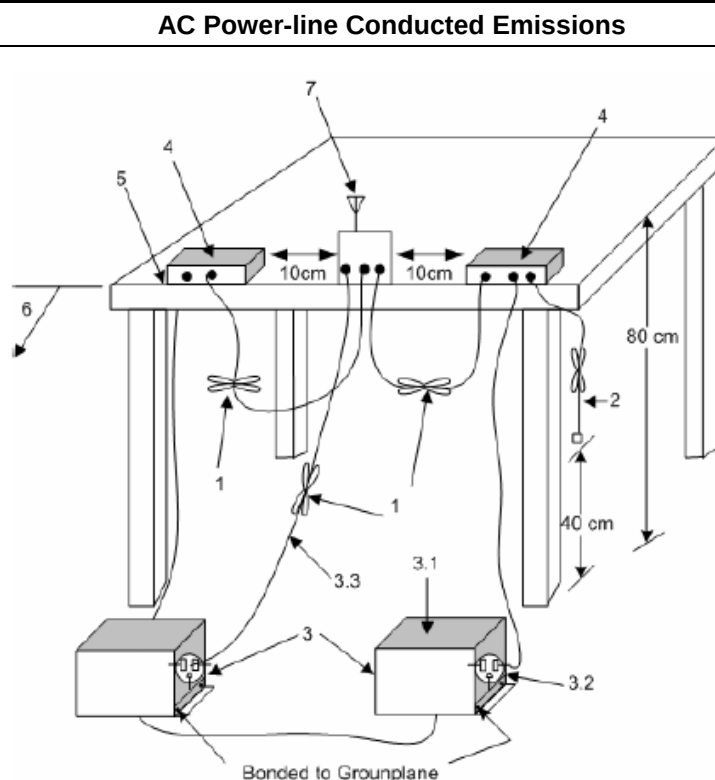
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- Corrected Reading (dBUV) = LISN Factor + Cable Loss + Read Level = Level
- Margin = - Limit + (Read Level + LISN Factor + Cable Loss)

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

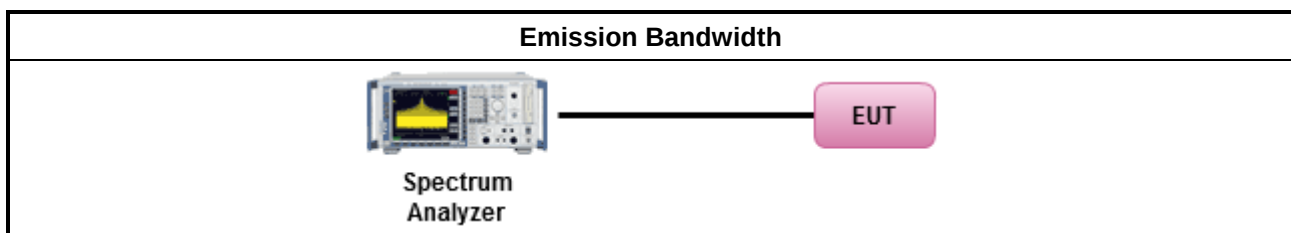
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	According to FCC KDB 987594 D02 clause II.C, measurement procedure shall refer to FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup



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 very low power device : e.i.r.p < 14 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 very low power device : e.i.r.p < 14 dBm.
☒ For the 6.875 ~ 7.125 GHz band:	
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
RLAN Devices	
☐ For the 5.925 ~ 7.125 GHz band:	
	■ For low-power indoor access-points & indoor subordinate devices < 30 dBm .
	■ For low-power client devices < 24 dBm.
	■ For very low-power devices < 14 dBm.
☐ For the 5.925 ~ 6.875 GHz band:	
	■ For standard-power access points & fixed client devices < 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 standard client devices < 30 dBm.



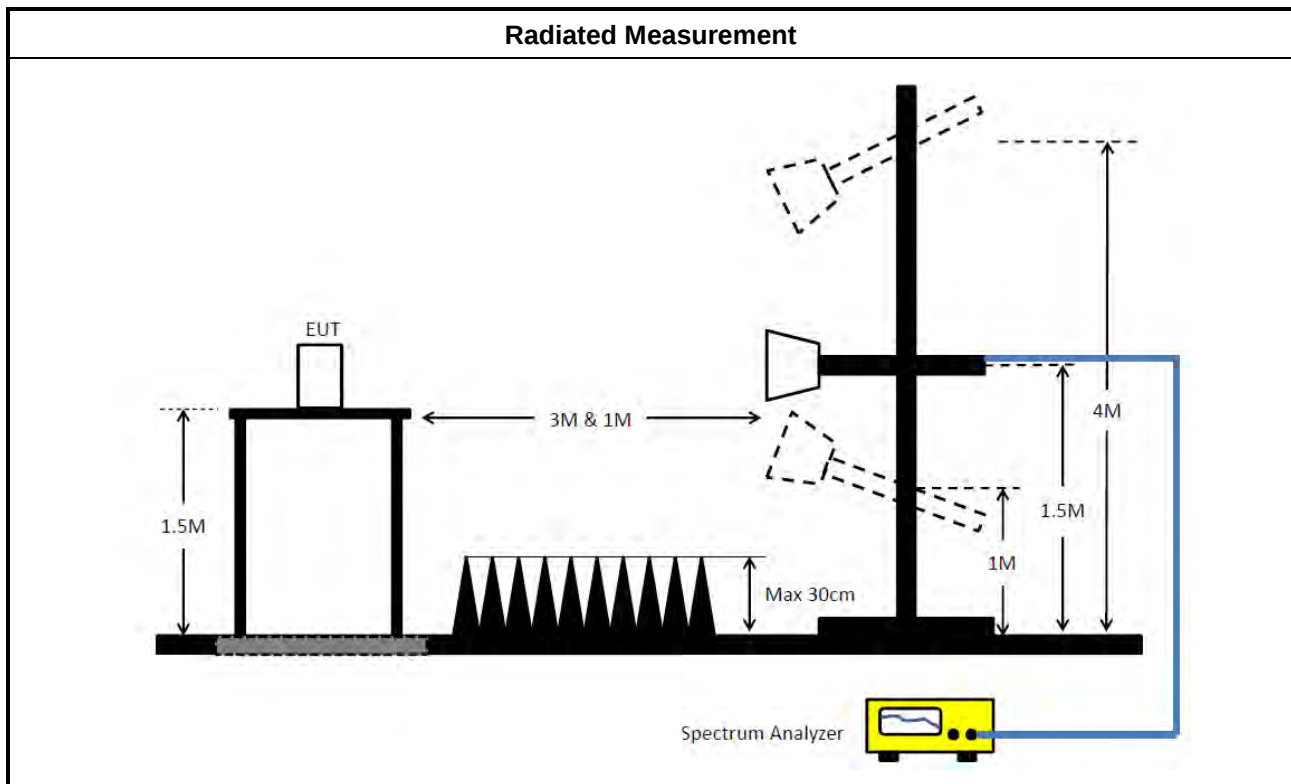
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
According to FCC KDB 987594 D02 clause II.E, the test measurement procedure shall refer to KDB 789033.	
☐	Average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging). Spectrum analyzer setting: RBW/VBW : 1/3MHz ; Detector : RMS ; Trace mode : Average ; Sweep Count 100.
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
☐	☐ Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☐ For conducted measurement.	
☐	If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☒ For radiated measurement.	
☐	Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup



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

Refer as Appendix C



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

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

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

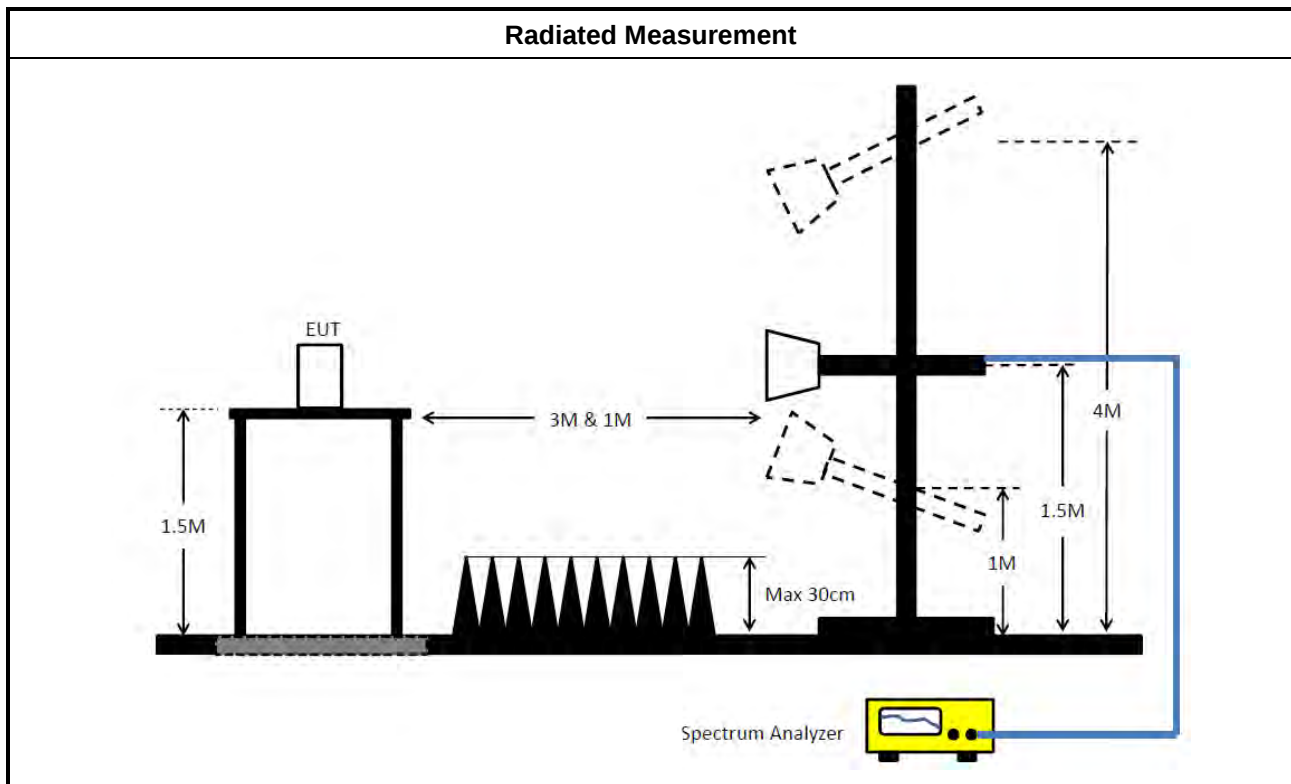
3.4.2 Measuring Instruments

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

**3.4.3 Test Procedures**

Test Method	
According to FCC KDB 987594 D02 clause II.F, the measurement procedure shall refer to KDB 789033. Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as FCC KDB 789033 D02, F5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
[duty cycle ≥ 98% or external video / power trigger]	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☐ For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☐	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	
☒ For radiated measurement.	
- Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. - Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.	

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

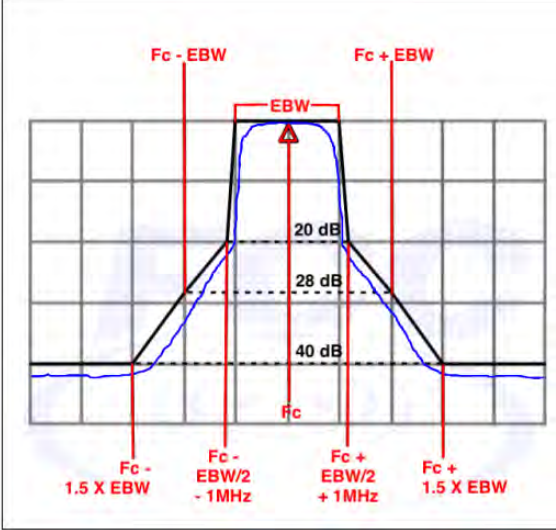
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
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) = $54\text{dBuV/m at 3m} + 9.54\text{dB} = 63.54\text{dBuV/m at 1m}$.

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

Frequency	Emission MASK Limit
5.945 – 7.125 GHz	Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB. 



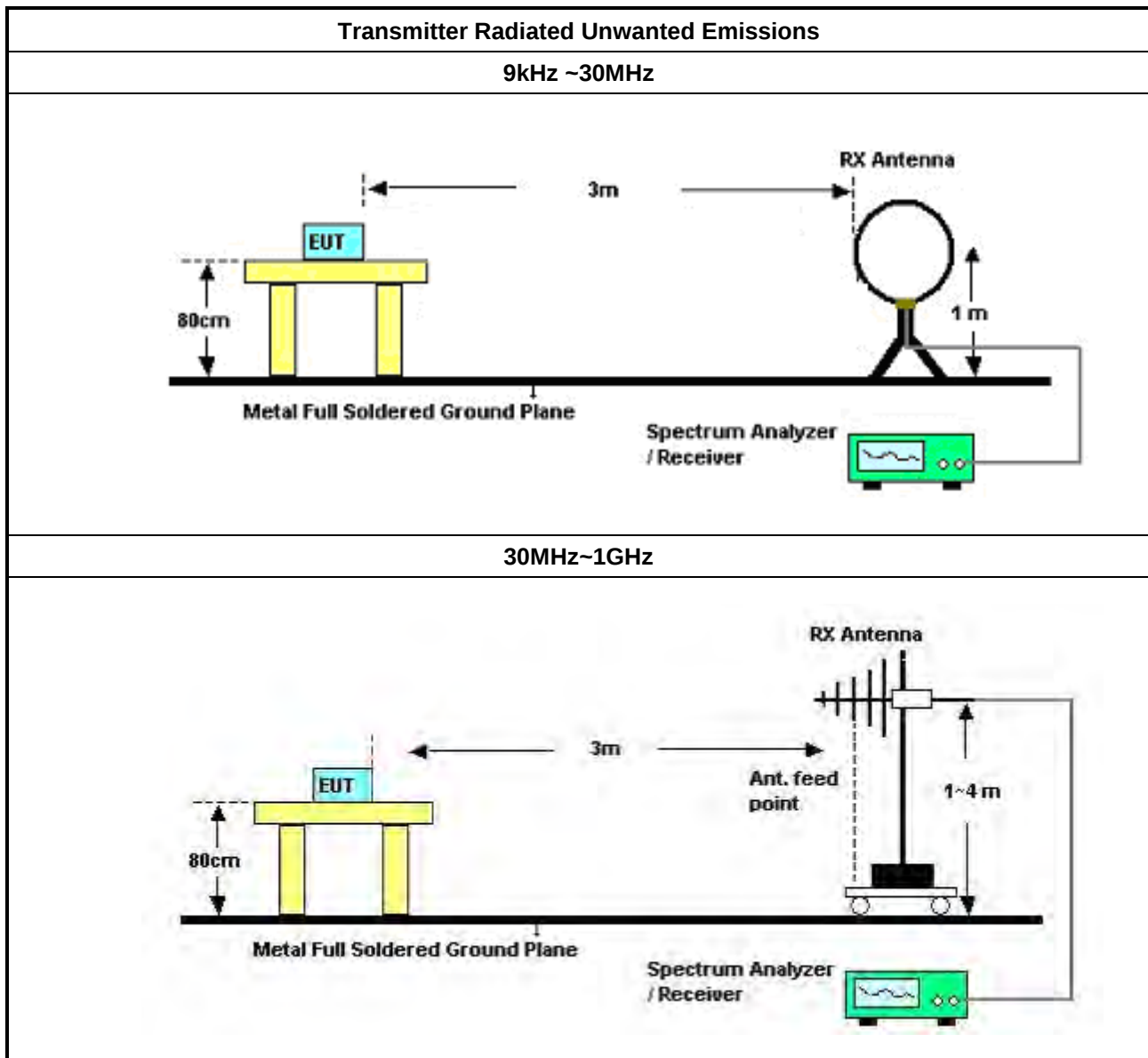
3.5.2 Measuring Instruments

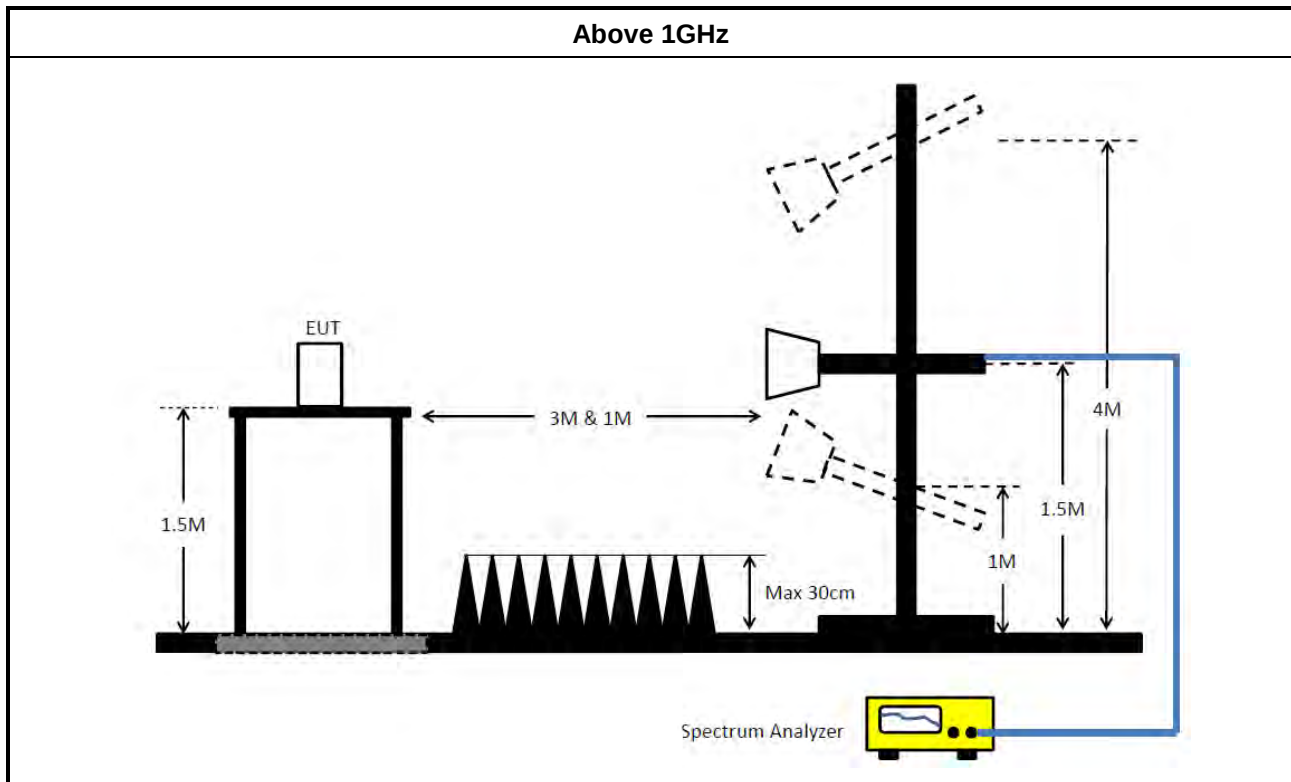
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup





3.5.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

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

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Contention Based Protocol

3.6.1 Contention Based Protocol Limit

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

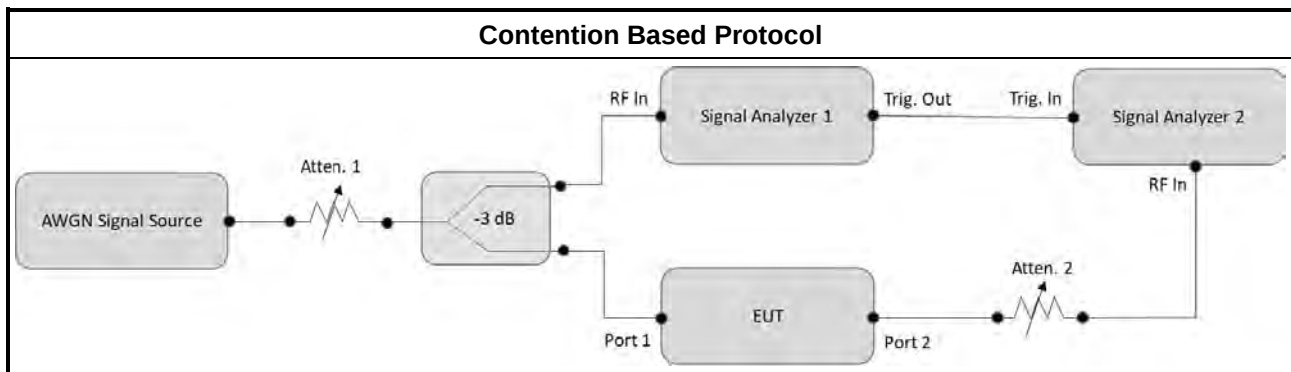
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method	
■	For Contention Based Protocol shall be measured using following options below:
☒	Refer as FCC KDB 987594 D02, I) 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	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 19, 2024	Feb. 18, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 24, 2024	Apr. 23, 2025	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH06-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 02, 2024	Aug. 01, 2025	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Jul. 29, 2024	Jul. 28, 2025	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 02, 2024	Nov. 01, 2025	Radiation (03CH06-CB)
Signal analyzer	R&S	FSV3044	101667	9kHz~44GHz	Aug. 20, 2024	Aug. 19, 2025	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-05+68	30MHz~1GHz	Oct. 24, 2024	Oct. 23, 2025	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 04, 2024	May 03, 2025	Radiation (03CH01-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18GHz	Oct. 18, 2024	Oct. 17, 2025	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 17, 2024	May 16, 2025	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 26, 2024	Apr. 25, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-1540 7_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 03, 2024	May 02, 2025	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz	Jan. 24, 2024	Jan. 23, 2025	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 11, 2024	Jun. 10, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-1540 7_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 22, 2024	Feb. 21, 2025	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jul. 11, 2024	Jul. 10, 2025	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 17, 2024	Jan. 16, 2025	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 19, 2024	Mar. 18, 2025	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-1540 7_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 26, 2024	Apr. 25, 2025	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 19, 2023	Oct. 18, 2024	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 18, 2024	Oct. 17, 2025	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 19, 2023	Oct. 18, 2024	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 18, 2024	Oct. 17, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1 –26.5 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1–18 GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH02-CB)
Test Software	SPORTON	SENSE-1540 7_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101026	9kHz-40GHz	Nov. 26, 2024	Nov. 25, 2025	Conducted (DF01-CB)
Signal generator	R&S	SMB100A	177785	1MHz-40GHz	Sep. 23, 2024	Sep. 22, 2025	Conducted (DF01-CB)
Vector Signal generator	R&S	SMW200A	109426	100kHz- 7.5GHz	Jan. 14, 2025	Jan. 13, 2026	Conducted (DF01-CB)
RF Power Divider	MTJ	4 Way	DF01-DV01	1GHz ~ 6GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF01-CB)
RF Power Divider	Titan	2 Way	DV-8G -09	2GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF01-CB)
RF Power Divider	Titan	2 Way	DV-8G -10	2GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-52	1 GHz –18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-53	1 GHz –18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-54	1 GHz –18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-56	1 GHz –18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF01-CB)

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

NCR means Non-Calibration required.



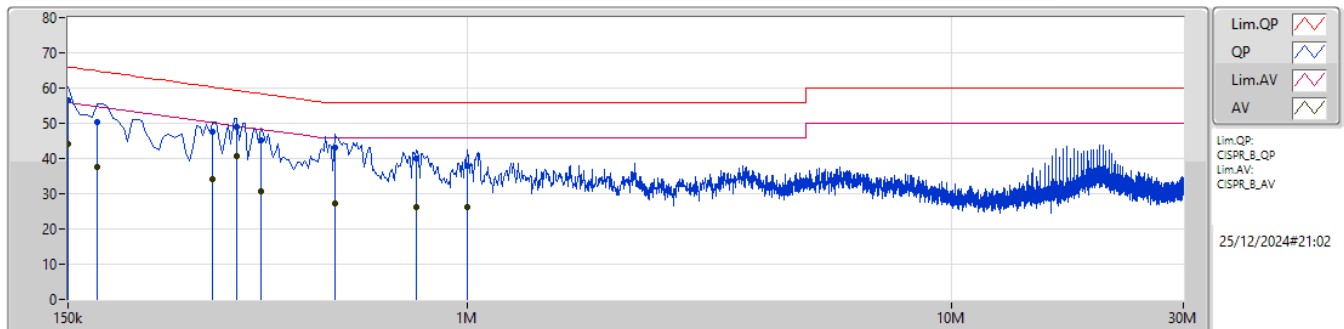
Conducted Emissions at Powerline

Appendix A

Summary

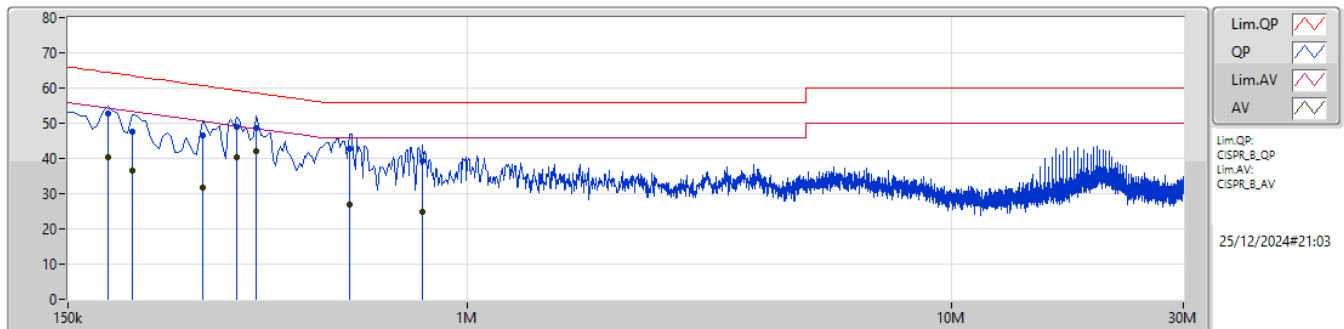
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 6	Pass	AV	366k	42.00	48.60	-6.60	Neutral

Mode 6



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	56.68	66.00	-9.32	10.03	Line	-	46.65	0.04	0.08	9.91						
AV	150k	44.07	56.00	-11.93	10.03	Line	-	34.04	0.04	0.08	9.91						
QP	172.5k	50.34	64.83	-14.49	10.04	Line	-	40.30	0.04	0.07	9.93						
AV	172.5k	37.48	54.83	-17.35	10.04	Line	-	27.44	0.04	0.07	9.93						
QP	298.5k	47.54	60.28	-12.74	10.15	Line	-	37.39	0.05	0.09	10.01						
AV	298.5k	34.05	50.28	-16.23	10.15	Line	-	23.90	0.05	0.09	10.01						
QP	334.5k	48.85	59.35	-10.50	10.17	Line	-	38.68	0.05	0.09	10.03						
AV	334.5k	40.52	49.35	-8.83	10.17	Line	"Worst"	30.35	0.05	0.09	10.03						
QP	375k	45.34	58.39	-13.05	10.20	Line	-	35.14	0.05	0.10	10.05						
AV	375k	30.66	48.39	-17.73	10.20	Line	-	20.46	0.05	0.10	10.05						
QP	532.5k	42.95	56.00	-13.05	10.25	Line	-	32.70	0.06	0.10	10.09						
AV	532.5k	27.39	46.00	-18.61	10.25	Line	-	17.14	0.06	0.10	10.09						
QP	784.5k	40.13	56.00	-15.87	10.28	Line	-	29.85	0.06	0.09	10.13						
AV	784.5k	26.25	46.00	-19.75	10.28	Line	-	15.97	0.06	0.09	10.13						
QP	1.001M	37.77	56.00	-18.23	10.32	Line	-	27.45	0.07	0.09	10.16						
AV	1.001M	26.32	46.00	-19.68	10.32	Line	-	16.00	0.07	0.09	10.16						

Mode 6



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	181.5k	52.89	64.41	-11.52	10.07	Neutral	-	42.82	0.06	0.07	9.94						
AV	181.5k	40.39	54.41	-14.02	10.07	Neutral	-	30.32	0.06	0.07	9.94						
QP	204k	47.59	63.44	-15.85	10.08	Neutral	-	37.51	0.06	0.07	9.95						
AV	204k	36.65	53.44	-16.79	10.08	Neutral	-	26.57	0.06	0.07	9.95						
QP	285k	46.57	60.67	-14.10	10.16	Neutral	-	36.41	0.06	0.09	10.01						
AV	285k	31.60	50.67	-19.07	10.16	Neutral	-	21.44	0.06	0.09	10.01						
QP	334.5k	48.83	59.35	-10.52	10.18	Neutral	-	38.65	0.06	0.09	10.03						
AV	334.5k	40.46	49.35	-8.89	10.18	Neutral	-	30.28	0.06	0.09	10.03						
QP	366k	48.76	58.60	-9.84	10.21	Neutral	-	38.55	0.06	0.10	10.05						
AV	366k	42.00	48.60	-6.60	10.21	Neutral	"Worst"	31.79	0.06	0.10	10.05						
QP	573k	42.91	56.00	-13.09	10.27	Neutral	-	32.64	0.07	0.10	10.10						
AV	573k	26.77	46.00	-19.23	10.27	Neutral	-	16.50	0.07	0.10	10.10						
QP	807k	39.44	56.00	-16.56	10.31	Neutral	-	29.13	0.08	0.09	10.14						
AV	807k	24.96	46.00	-21.04	10.31	Neutral	-	14.65	0.08	0.09	10.14						

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)_4TX	22.99M	19.088M	19M1D1D	21.34M	18.993M
802.11be EHT20-BF_Nss1,(MCS0)_4TX	22.55M	19.085M	19M1D1D	21.395M	18.946M
802.11be EHT40_Nss1,(MCS0)_4TX	43.89M	38.037M	38M0D1D	42.35M	37.912M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	44.88M	38.086M	38M1D1D	41.91M	37.896M
802.11be EHT80_Nss1,(MCS0)_4TX	90.2M	77.794M	77M8D1D	85.8M	77.36M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	90.42M	78.009M	78M0D1D	85.58M	77.478M
802.11be EHT160_Nss1,(MCS0)_4TX	170.72M	157.153M	157MD1D	165.88M	156.629M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	173.36M	157.155M	157MD1D	167.64M	156.652M
802.11be EHT320_Nss1,(MCS0)_4TX	335.28M	316.59M	317MD1D	328.24M	314.881M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	487.52M	317.041M	317MD1D	329.12M	314.766M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	23.1M	19.065M	19M1D1D	21.56M	18.988M
802.11be EHT20-BF_Nss1,(MCS0)_4TX	22.33M	19.09M	19M1D1D	20.57M	18.97M
802.11be EHT40_Nss1,(MCS0)_4TX	43.89M	38.044M	38M0D1D	40.7M	37.887M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	44.44M	38.078M	38M1D1D	41.14M	37.79M
802.11be EHT80_Nss1,(MCS0)_4TX	88.88M	77.679M	77M7D1D	84.04M	77.46M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	88.44M	77.762M	77M8D1D	85.8M	77.601M
802.11be EHT160_Nss1,(MCS0)_4TX	170.72M	157.001M	157MD1D	167.2M	156.775M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	170.72M	157.121M	157MD1D	168.52M	156.722M
802.11be EHT320_Nss1,(MCS0)_4TX	335.28M	315.931M	316MD1D	328.24M	314.765M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	337.92M	316.242M	316MD1D	332.64M	315.042M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	22.44M	19.051M	19M1D1D	21.285M	18.998M
802.11be EHT20-BF_Nss1,(MCS0)_4TX	22.88M	19.113M	19M1D1D	21.285M	18.984M
802.11be EHT40_Nss1,(MCS0)_4TX	44.88M	38.018M	38M0D1D	41.69M	37.873M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	43.56M	38.184M	38M2D1D	41.25M	37.94M
802.11be EHT80_Nss1,(MCS0)_4TX	90.2M	77.822M	77M8D1D	84.48M	77.527M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	91.3M	77.819M	77M8D1D	84.26M	77.552M
802.11be EHT160_Nss1,(MCS0)_4TX	170.28M	156.858M	157MD1D	166.32M	156.468M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	172.92M	157.121M	157MD1D	167.64M	156.522M
802.11be EHT320_Nss1,(MCS0)_4TX	337.04M	315.77M	316MD1D	331.76M	315.103M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	555.28M	316.642M	317MD1D	328.24M	313.843M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	22.88M	19.065M	19M1D1D	21.175M	18.994M
802.11be EHT20-BF_Nss1,(MCS0)_4TX	22.275M	19.083M	19M1D1D	20.185M	18.87M
802.11be EHT40_Nss1,(MCS0)_4TX	43.56M	38.001M	38M0D1D	41.47M	37.897M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	43.56M	38.051M	38M1D1D	40.37M	37.793M
802.11be EHT80_Nss1,(MCS0)_4TX	89.98M	77.777M	77M8D1D	84.7M	77.483M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	89.1M	77.766M	77M8D1D	86.68M	77.575M
802.11be EHT160_Nss1,(MCS0)_4TX	171.6M	157.038M	157MD1D	168.96M	156.967M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	174.24M	157.242M	157MD1D	168.52M	156.834M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	21.725M	19.053M	22.33M	19.088M	22.385M	19.031M	21.56M	18.993M
6195MHz	Pass	Inf	22M	19.035M	21.78M	19.035M	22.275M	19.008M	22.275M	19.025M
6415MHz	Pass	Inf	22.165M	19.022M	21.34M	19.029M	22.99M	19.014M	22M	19.002M
6435MHz	Pass	Inf	22.385M	18.988M	22.44M	19.013M	22.605M	19.035M	22.55M	19.057M
6475MHz	Pass	Inf	22M	19.017M	22.33M	19.065M	22.055M	19.026M	21.56M	19M
6515MHz	Pass	Inf	23.1M	19.029M	22.275M	19.053M	22M	19.005M	21.615M	19.053M
6535MHz	Pass	Inf	22.44M	19.02M	21.78M	19.037M	22M	19.001M	22.055M	19.032M
6695MHz	Pass	Inf	21.34M	18.998M	21.725M	19.051M	21.285M	19.017M	21.505M	19.022M
6875MHz	Pass	Inf	22.11M	19.028M	22.11M	18.998M	22M	19.05M	21.78M	19.036M
6895MHz	Pass	Inf	22.385M	18.994M	21.505M	18.996M	21.615M	19.024M	22.88M	19.027M
6995MHz	Pass	Inf	21.175M	19.055M	22.22M	18.998M	22.165M	19.005M	22.33M	19.04M
7095MHz	Pass	Inf	22.385M	19.025M	22.22M	19.028M	21.615M	19.041M	21.725M	19.065M
7115MHz	Pass	Inf	22.385M	19.04M	21.67M	19.025M	22.275M	19.032M	22.165M	19.045M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	43.89M	37.994M	42.57M	37.945M	43.01M	38.002M	42.68M	37.912M
6205MHz	Pass	Inf	42.46M	37.929M	43.12M	38.015M	42.9M	38.037M	42.35M	37.954M
6405MHz	Pass	Inf	43.34M	37.927M	42.35M	37.939M	43.01M	38.016M	43.23M	37.917M
6445MHz	Pass	Inf	43.89M	37.969M	43.12M	37.94M	43.23M	37.939M	43.67M	37.957M
6485MHz	Pass	Inf	43.67M	38.012M	43.78M	37.992M	43.12M	38.029M	43.34M	37.887M
6525MHz	Pass	Inf	43.23M	38.044M	41.58M	37.909M	40.7M	37.952M	43.12M	37.945M
6565MHz	Pass	Inf	43.23M	37.937M	44.88M	37.873M	41.91M	37.937M	42.35M	37.933M
6685MHz	Pass	Inf	43.67M	37.996M	43.01M	37.98M	42.02M	38.018M	41.69M	37.91M
6885MHz	Pass	Inf	42.13M	38.004M	41.8M	37.978M	43.89M	37.924M	42.35M	37.917M
6925MHz	Pass	Inf	42.57M	37.973M	43.23M	37.932M	42.79M	37.956M	41.47M	38.001M
7005MHz	Pass	Inf	42.79M	37.897M	43.56M	37.931M	42.13M	37.992M	42.46M	37.922M
7085MHz	Pass	Inf	42.24M	37.905M	43.23M	37.991M	41.47M	37.971M	43.01M	37.958M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	87.34M	77.794M	89.32M	77.531M	87.12M	77.604M	87.34M	77.747M
6225MHz	Pass	Inf	85.8M	77.615M	88.44M	77.36M	87.12M	77.676M	90.2M	77.641M
6385MHz	Pass	Inf	86.46M	77.578M	86.9M	77.529M	89.54M	77.684M	88.44M	77.634M
6465MHz	Pass	Inf	88.88M	77.623M	85.58M	77.46M	85.14M	77.623M	87.78M	77.552M
6545MHz	Pass	Inf	88.66M	77.577M	85.58M	77.504M	84.04M	77.679M	85.58M	77.648M
6625MHz	Pass	Inf	87.78M	77.641M	88M	77.749M	87.34M	77.649M	86.02M	77.621M
6705MHz	Pass	Inf	87.78M	77.607M	87.12M	77.666M	87.12M	77.527M	84.48M	77.528M
6785MHz	Pass	Inf	86.02M	77.637M	89.76M	77.822M	87.34M	77.607M	90.2M	77.592M
6865MHz	Pass	Inf	86.9M	77.581M	88M	77.569M	87.12M	77.537M	85.58M	77.577M
6945MHz	Pass	Inf	87.34M	77.669M	86.9M	77.738M	86.9M	77.483M	89.98M	77.653M
7025MHz	Pass	Inf	88.88M	77.714M	84.7M	77.709M	85.58M	77.777M	88.44M	77.676M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	167.64M	156.629M	165.88M	156.909M	169.84M	156.854M	168.08M	156.836M
6185MHz	Pass	Inf	168.96M	156.958M	166.32M	156.882M	167.2M	156.821M	167.64M	157.153M
6345MHz	Pass	Inf	169.84M	156.945M	167.2M	156.993M	169.84M	156.921M	170.72M	157.001M
6505MHz	Pass	Inf	169.4M	157.001M	170.72M	156.866M	167.2M	156.882M	167.64M	156.775M
6665MHz	Pass	Inf	170.28M	156.851M	167.2M	156.773M	167.2M	156.858M	168.52M	156.468M
6825MHz	Pass	Inf	166.32M	156.75M	169.84M	156.814M	170.28M	156.804M	167.64M	156.806M
6985MHz	Pass	Inf	171.6M	156.967M	169.84M	156.98M	168.96M	157.038M	169.4M	156.977M
802.11be EHT320_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	Inf	334.4M	315.289M	330M	314.881M	328.24M	315.433M	331.76M	315.033M
6265MHz	Pass	Inf	333.52M	315.652M	332.64M	315.227M	332.64M	315.535M	333.52M	315.538M
6425MHz	Pass	Inf	335.28M	316.59M	332.64M	316.402M	334.4M	315.596M	329.12M	315.46M
6585MHz	Pass	Inf	335.28M	315.685M	335.28M	315.931M	328.24M	315.815M	330M	314.765M
6745MHz	Pass	Inf	336.16M	315.347M	337.04M	315.288M	332.64M	315.77M	331.76M	315.103M
6905MHz	Pass	Inf	331.76M	315.435M	336.16M	315.672M	334.4M	315.379M	336.16M	315.361M
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5955MHz	Pass	Inf	22.275M	18.946M	22.33M	18.989M	22.22M	19.085M	21.505M	19.029M
6195MHz	Pass	Inf	21.395M	19.045M	22.55M	19.042M	21.725M	19.045M	21.89M	19.071M
6415MHz	Pass	Inf	21.945M	19.039M	22M	19.04M	22.055M	19.065M	21.45M	18.974M
6435MHz	Pass	Inf	20.735M	18.999M	21.615M	19.09M	22.275M	19.045M	21.505M	19.039M
6475MHz	Pass	Inf	20.57M	19.055M	21.56M	19.079M	22.33M	19.036M	22M	19.073M
6515MHz	Pass	Inf	21.34M	18.97M	21.89M	19.005M	21.89M	19.042M	22.165M	19.043M
6535MHz	Pass	Inf	22.055M	18.986M	21.67M	19.072M	22M	18.984M	22.715M	19.05M
6695MHz	Pass	Inf	21.725M	19.052M	22.11M	19.048M	21.615M	19.032M	21.285M	19.055M
6875MHz	Pass	Inf	22.44M	19.014M	22.22M	19.113M	22.88M	19.071M	22M	19.034M
6895MHz	Pass	Inf	21.45M	18.926M	21.725M	19.016M	21.725M	19.012M	21.12M	19.074M
6995MHz	Pass	Inf	21.725M	19.053M	21.89M	19.028M	21.505M	19.083M	21.395M	19.016M
7095MHz	Pass	Inf	20.185M	18.87M	22.275M	19.008M	22.275M	19.083M	21.45M	19.06M
7115MHz	Pass	Inf	21.56M	19.073M	21.395M	19.037M	22.055M	19.051M	20.9M	19.06M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	41.91M	38.013M	44.44M	37.958M	43.12M	37.965M	43.67M	37.921M
6205MHz	Pass	Inf	43.89M	37.927M	43.12M	37.923M	42.68M	38.086M	42.57M	37.925M
6405MHz	Pass	Inf	43.12M	37.901M	44.88M	38.003M	42.57M	37.997M	42.46M	37.896M
6445MHz	Pass	Inf	42.57M	37.864M	43.23M	37.937M	43.01M	38.011M	43.01M	37.934M
6485MHz	Pass	Inf	41.14M	37.79M	43.12M	37.899M	43.23M	37.973M	42.35M	38.078M
6525MHz	Pass	Inf	44.44M	37.894M	42.46M	37.944M	41.36M	38.004M	42.9M	37.965M
6565MHz	Pass	Inf	41.25M	38.068M	42.68M	37.952M	42.9M	37.94M	42.46M	38.029M
6685MHz	Pass	Inf	43.34M	37.952M	43.34M	37.989M	43.34M	38.051M	42.79M	38.021M
6885MHz	Pass	Inf	42.13M	37.948M	43.23M	37.977M	43.56M	38.184M	43.56M	37.985M
6925MHz	Pass	Inf	40.37M	37.871M	43.23M	37.91M	42.9M	37.988M	41.14M	37.793M
7005MHz	Pass	Inf	42.13M	37.909M	42.9M	37.99M	41.8M	38.029M	42.68M	38.028M
7085MHz	Pass	Inf	40.7M	37.834M	42.68M	37.844M	43.56M	38.051M	43.12M	37.99M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	88.44M	77.735M	89.76M	77.73M	89.1M	77.709M	87.34M	77.736M
6225MHz	Pass	Inf	85.58M	77.568M	90.42M	77.478M	86.02M	77.702M	86.46M	77.797M
6385MHz	Pass	Inf	87.12M	77.76M	86.68M	77.805M	88.22M	78.009M	90.2M	77.619M
6465MHz	Pass	Inf	87.12M	77.601M	87.34M	77.666M	85.8M	77.64M	88.22M	77.665M
6545MHz	Pass	Inf	88.44M	77.663M	86.9M	77.762M	87.12M	77.717M	88.44M	77.632M
6625MHz	Pass	Inf	89.1M	77.573M	87.56M	77.679M	88.88M	77.819M	89.54M	77.748M
6705MHz	Pass	Inf	91.3M	77.73M	88.88M	77.653M	87.78M	77.669M	86.68M	77.552M
6785MHz	Pass	Inf	89.98M	77.707M	87.12M	77.619M	89.32M	77.734M	84.26M	77.627M
6865MHz	Pass	Inf	86.24M	77.576M	87.56M	77.628M	87.78M	77.639M	88.44M	77.638M
6945MHz	Pass	Inf	87.78M	77.665M	87.56M	77.766M	88M	77.575M	86.68M	77.699M
7025MHz	Pass	Inf	87.78M	77.761M	86.68M	77.747M	89.1M	77.691M	86.68M	77.725M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	169.84M	156.946M	172.92M	156.668M	169.4M	156.652M	170.72M	156.9M
6185MHz	Pass	Inf	168.52M	157.103M	168.08M	156.835M	173.36M	157.155M	171.16M	156.993M
6345MHz	Pass	Inf	169.84M	156.922M	168.96M	156.722M	167.64M	157.121M	167.64M	156.722M
6505MHz	Pass	Inf	168.52M	157.121M	170.72M	156.922M	170.72M	156.922M	169.84M	156.722M
6665MHz	Pass	Inf	169.84M	157.082M	167.64M	156.817M	172.92M	156.951M	168.52M	156.693M
6825MHz	Pass	Inf	172.04M	156.722M	168.96M	156.722M	168.96M	157.121M	168.52M	156.522M
6985MHz	Pass	Inf	168.52M	157.242M	174.24M	157.055M	172.92M	156.834M	169.4M	156.906M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	Inf	334.4M	314.876M	334.4M	314.766M	329.12M	315.872M	333.52M	315.455M
6265MHz	Pass	Inf	487.52M	316.642M	483.12M	316.242M	475.2M	317.041M	487.52M	316.242M
6425MHz	Pass	Inf	333.52M	316.242M	333.52M	316.642M	333.52M	316.642M	333.52M	316.642M
6585MHz	Pass	Inf	337.92M	315.442M	333.52M	316.242M	337.04M	316.242M	332.64M	315.042M
6745MHz	Pass	Inf	330.88M	316.242M	330M	315.442M	332.64M	315.442M	328.24M	313.843M
6905MHz	Pass	Inf	434.72M	316.242M	528.88M	316.642M	499.84M	316.242M	555.28M	314.643M

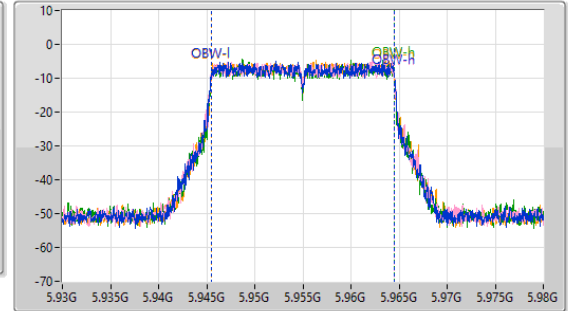
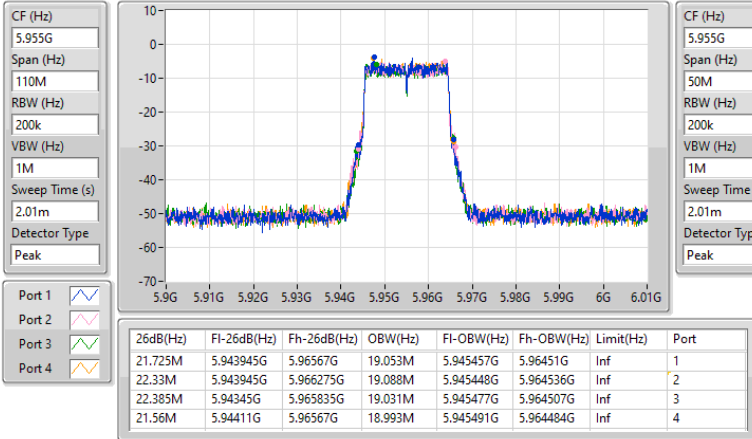
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5955MHz

04/01/2025

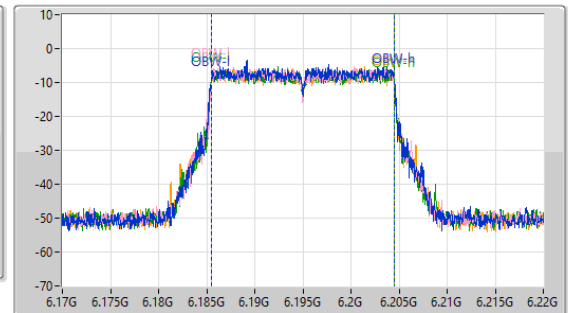
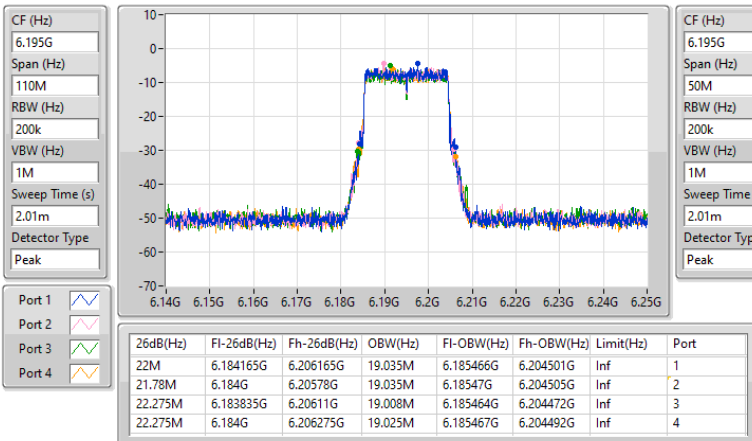


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6195MHz

04/01/2025

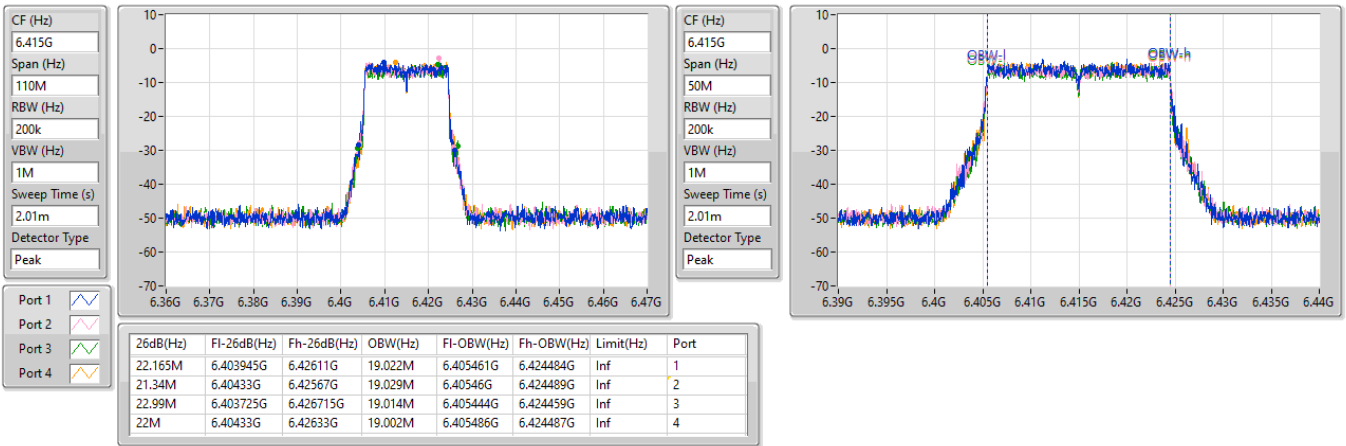


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6415MHz

04/01/2025

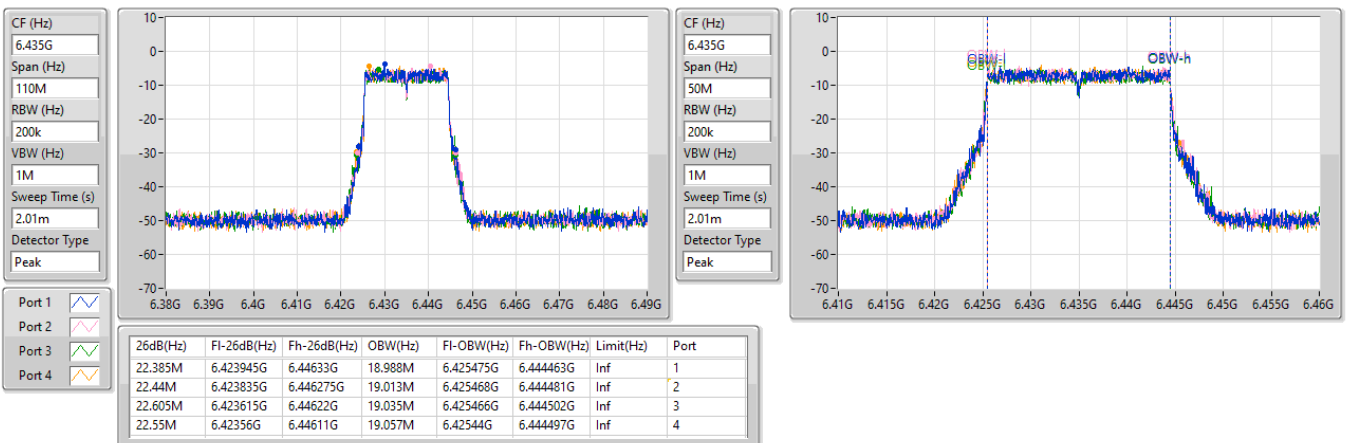


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6435MHz

04/01/2025

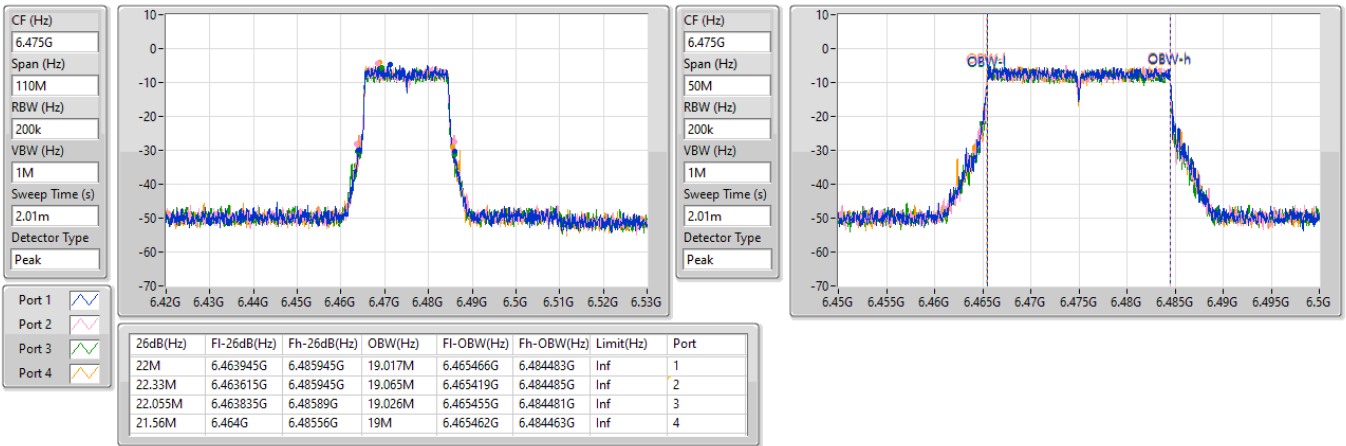


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6475MHz

04/01/2025

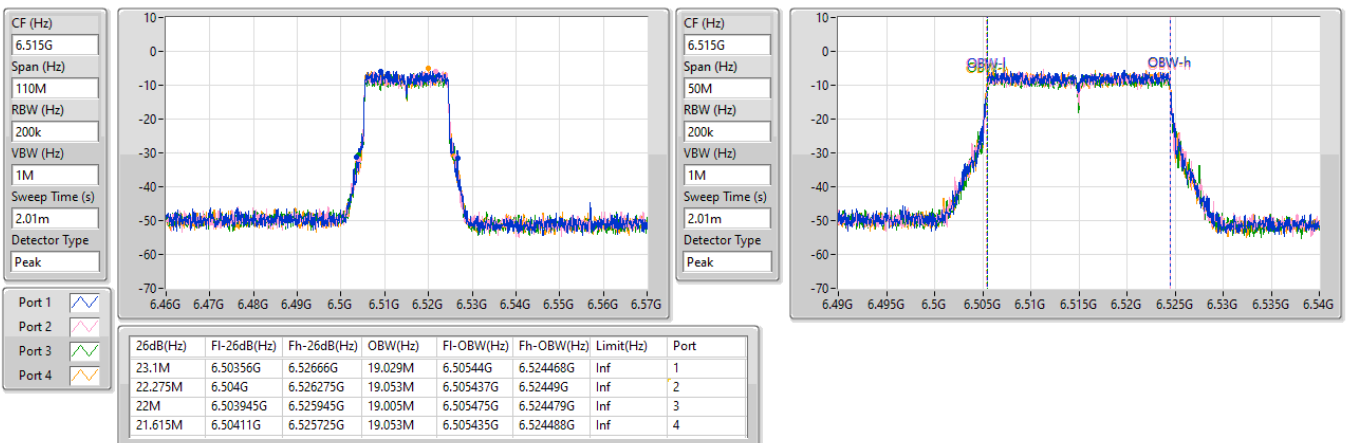


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6515MHz

04/01/2025

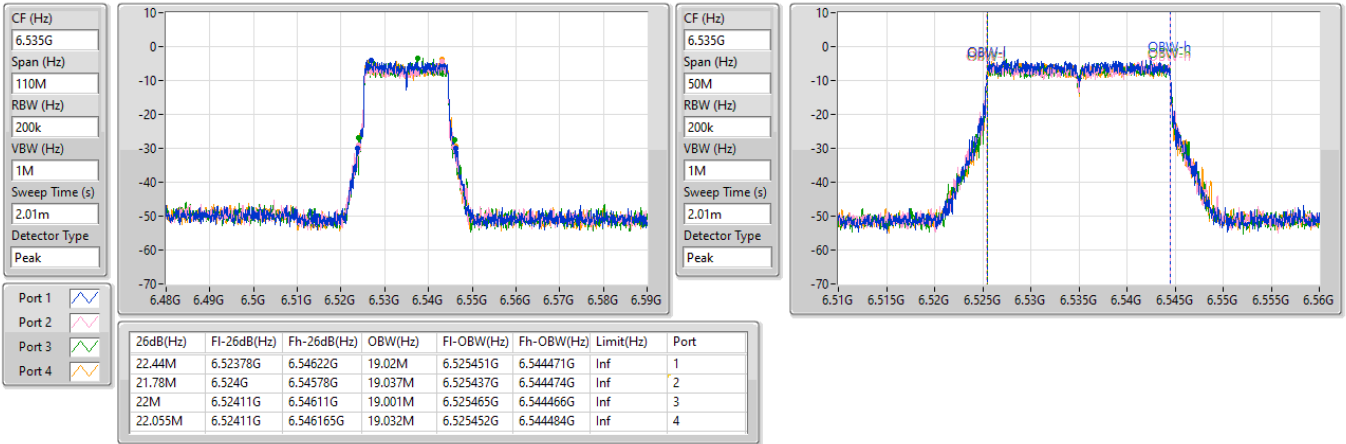


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6535MHz

04/01/2025

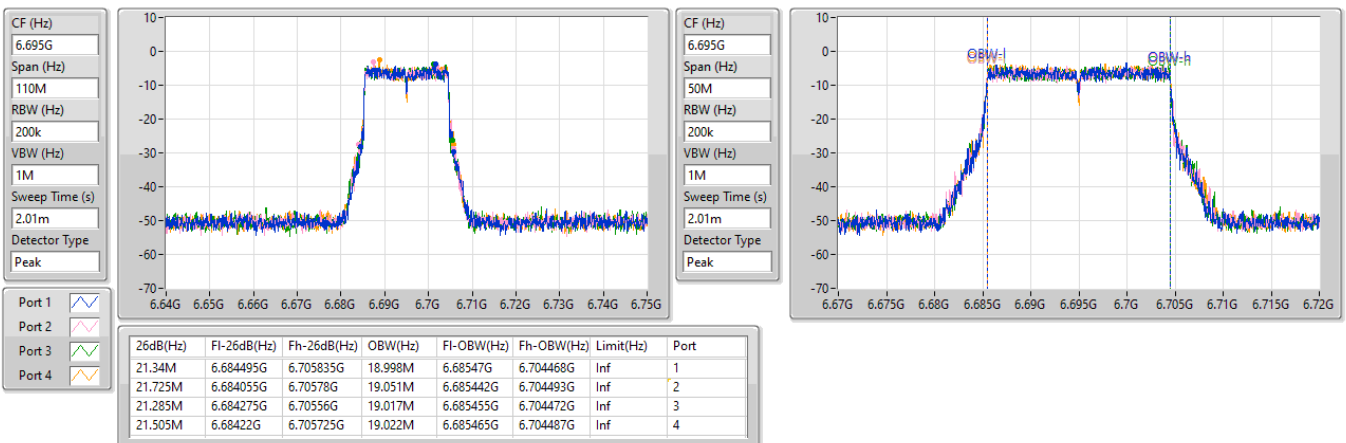


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6695MHz

04/01/2025

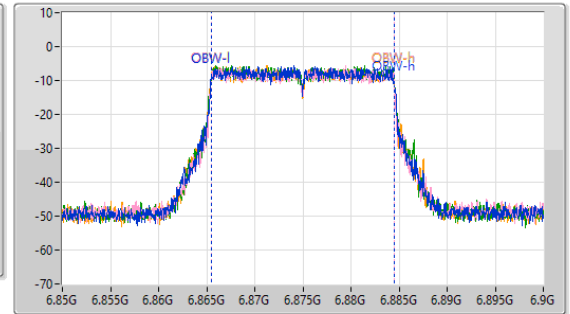
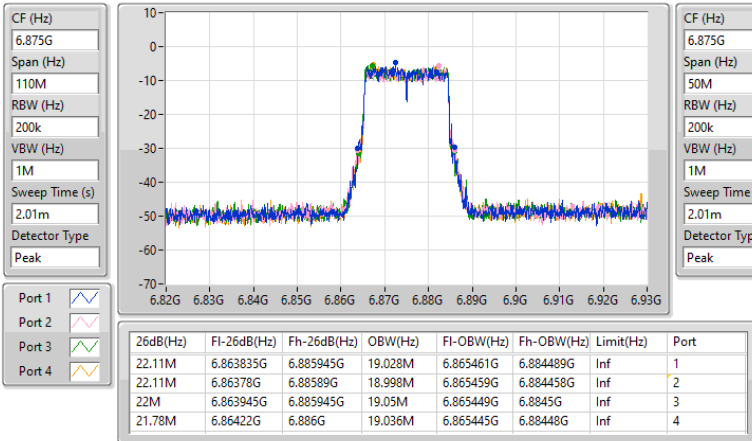


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6875MHz

04/01/2025

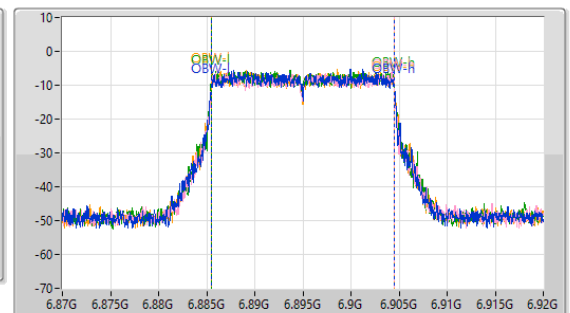
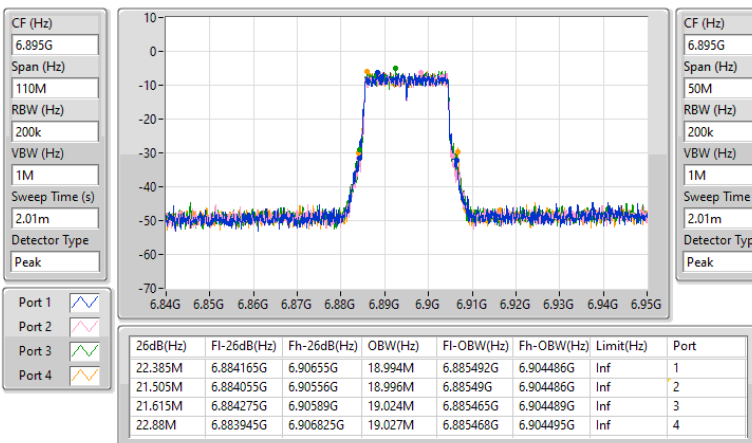


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6895MHz

04/01/2025

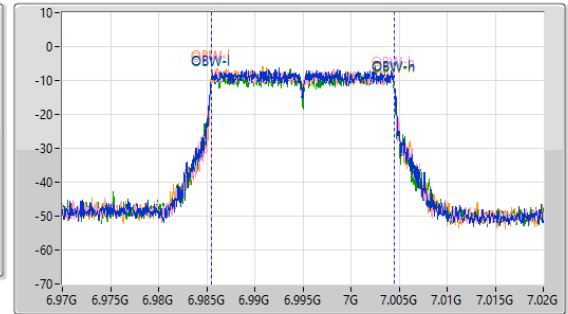
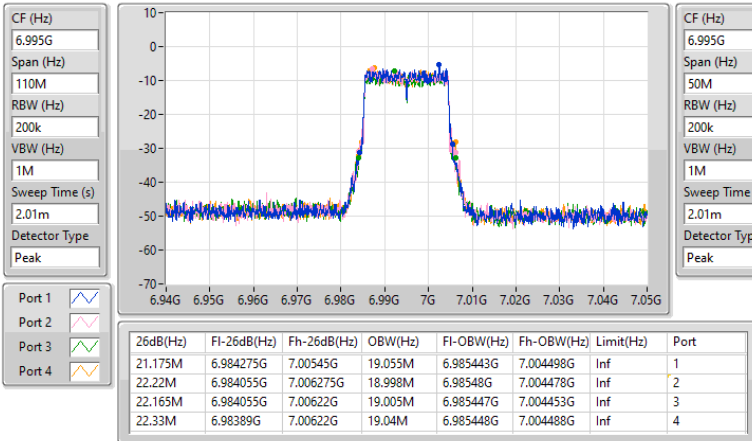


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6995MHz

04/01/2025

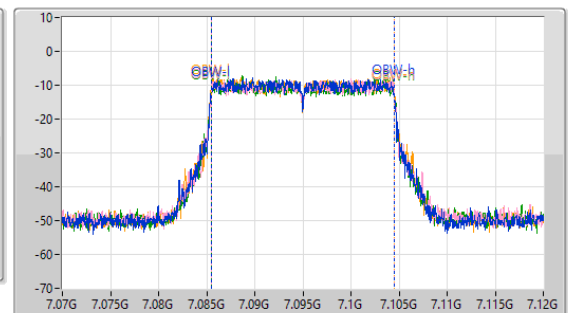
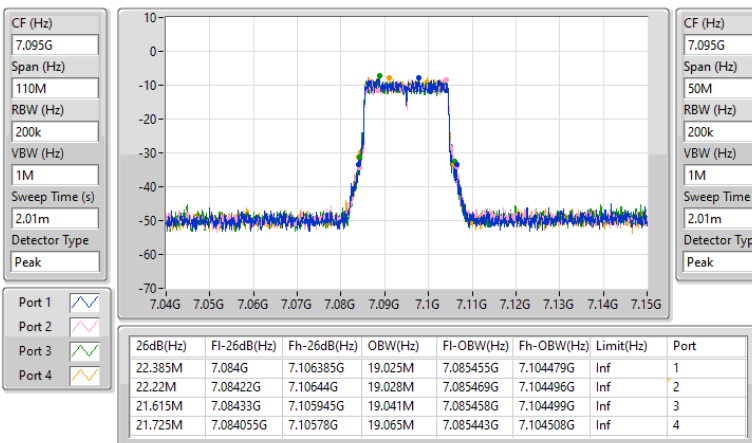


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

7095MHz

04/01/2025

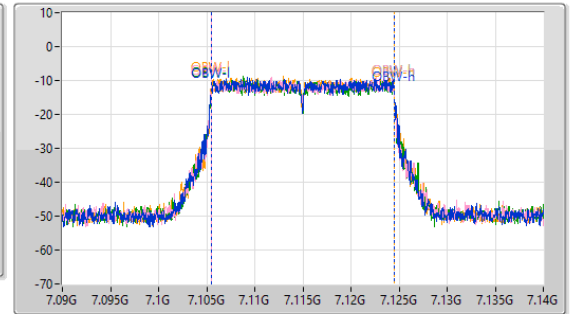
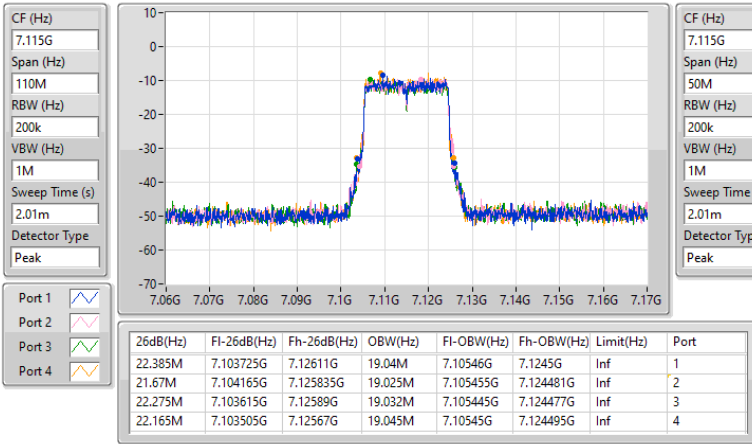


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

7115MHz

04/01/2025

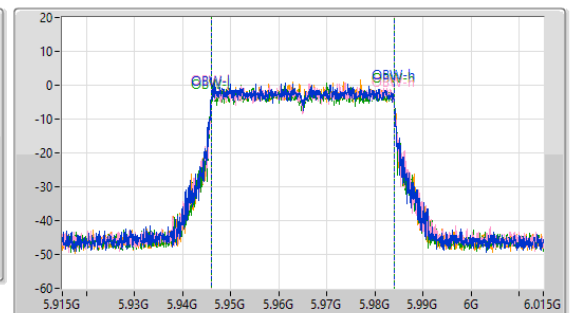
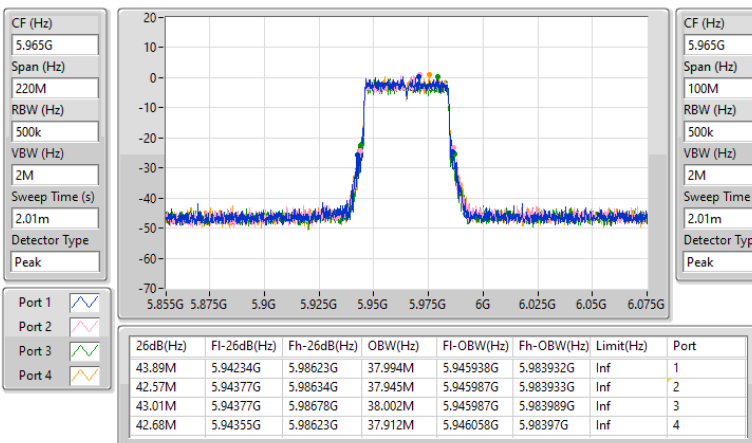


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5965MHz

04/01/2025

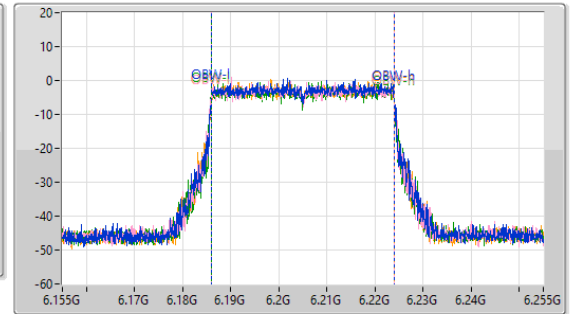
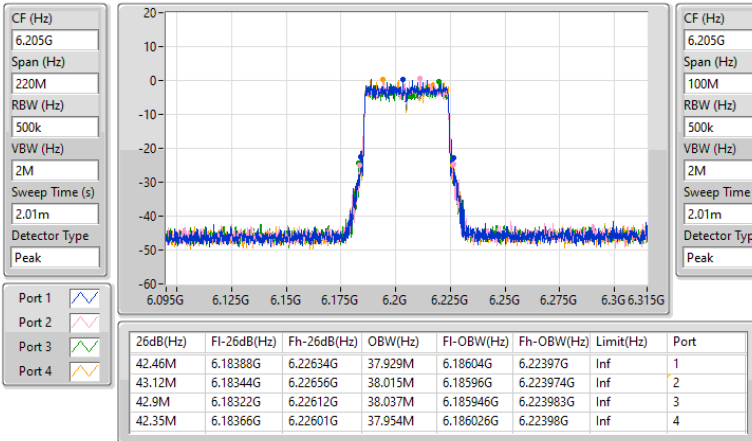


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6205MHz

04/01/2025

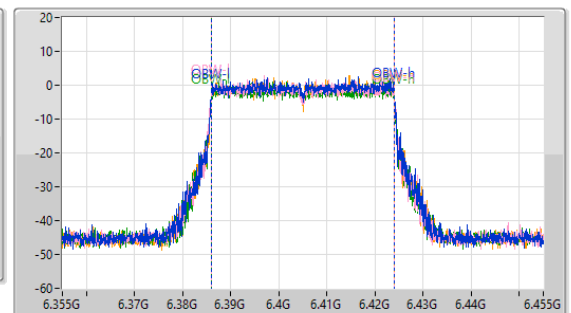
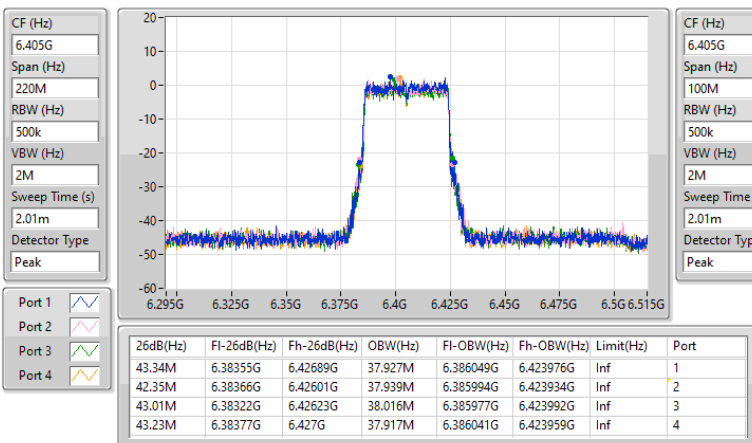


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6405MHz

04/01/2025

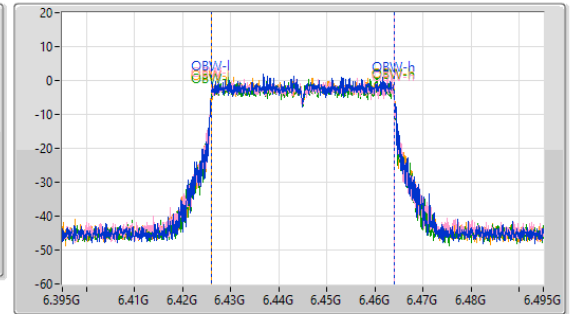
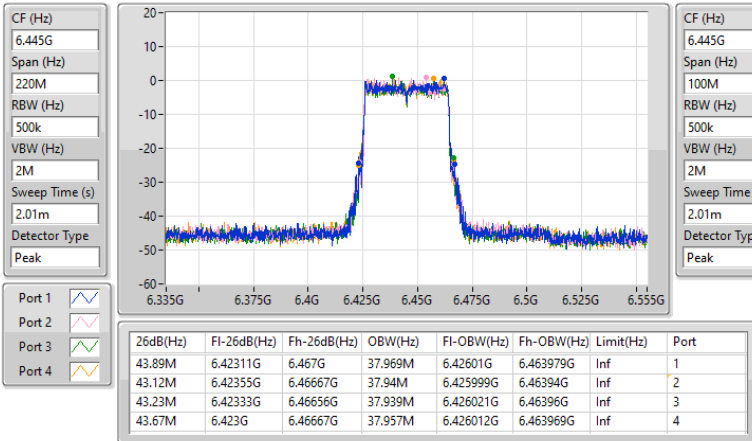


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6445MHz

04/01/2025

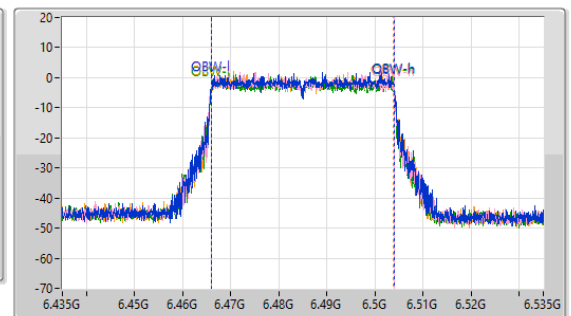
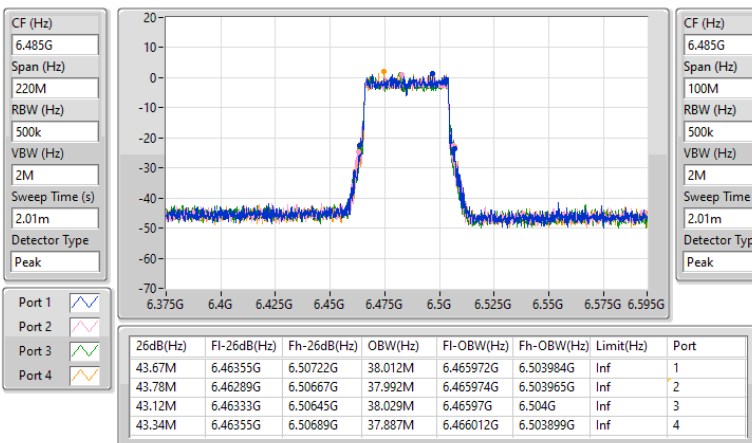


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6485MHz

04/01/2025

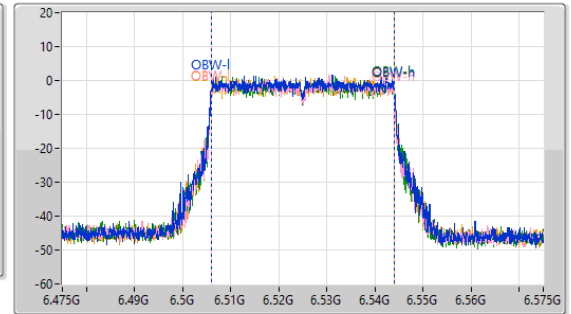
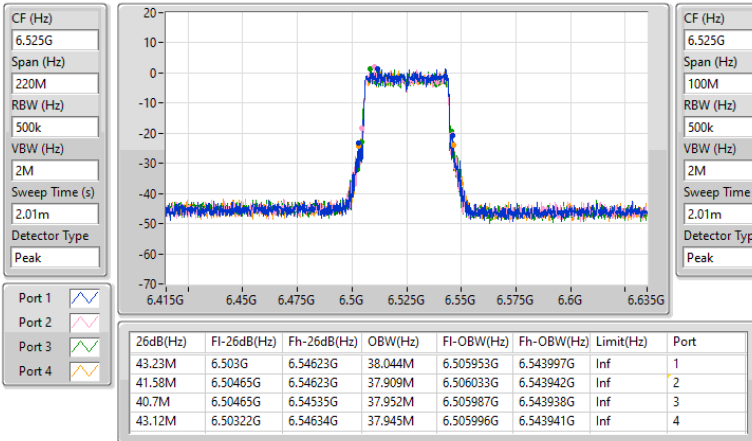


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6525MHz

04/01/2025

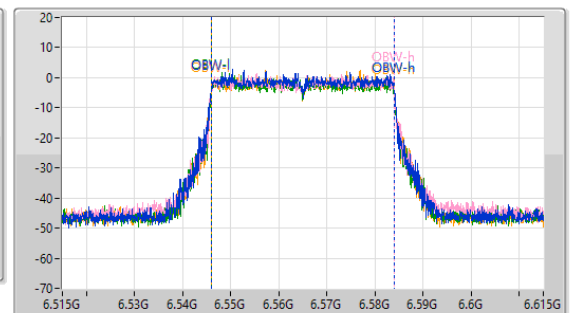
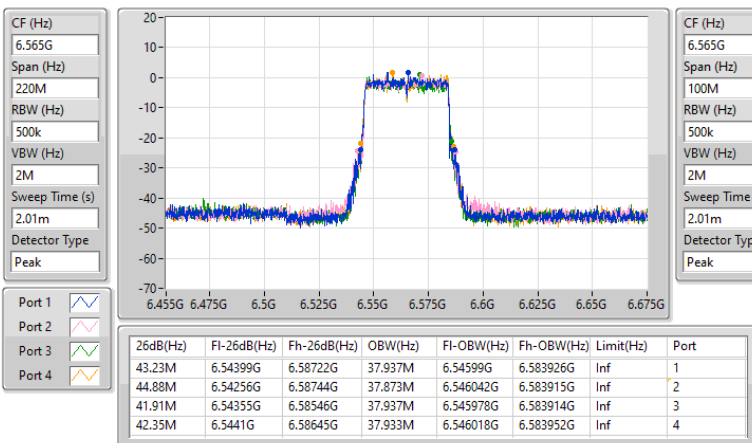


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6565MHz

04/01/2025

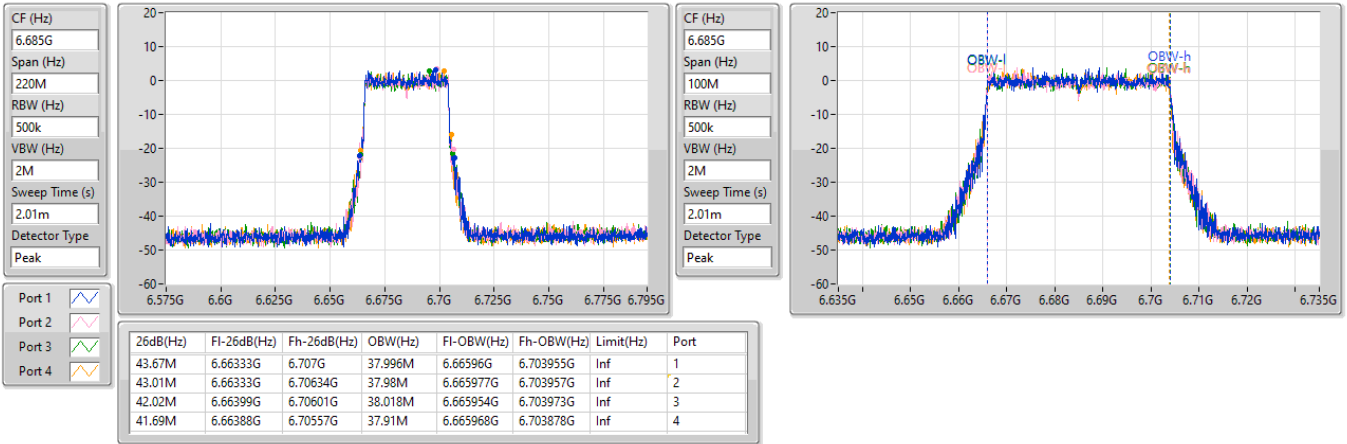


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6685MHz

04/01/2025

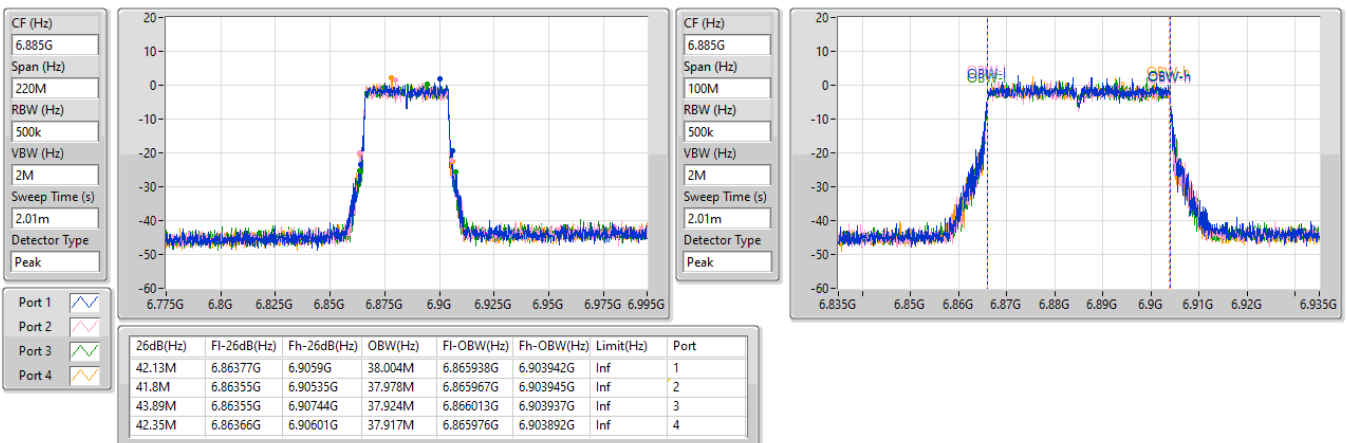


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6685MHz

04/01/2025

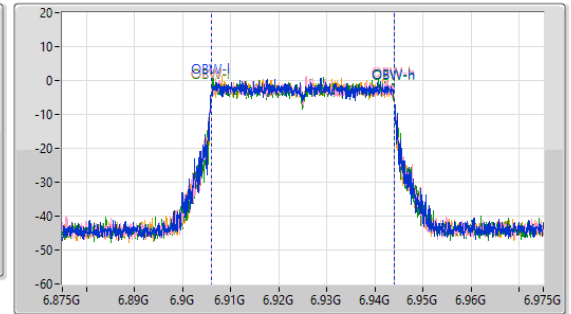
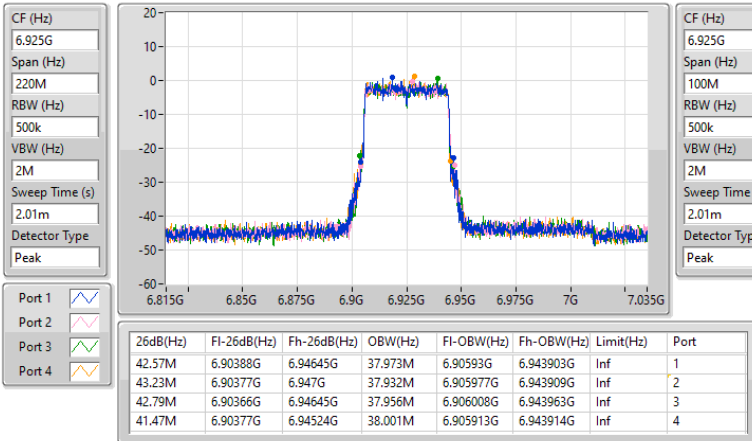


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6925MHz

04/01/2025

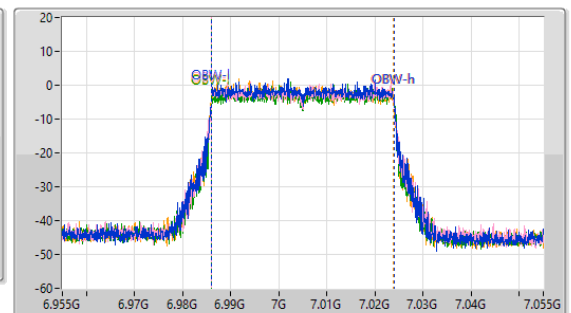
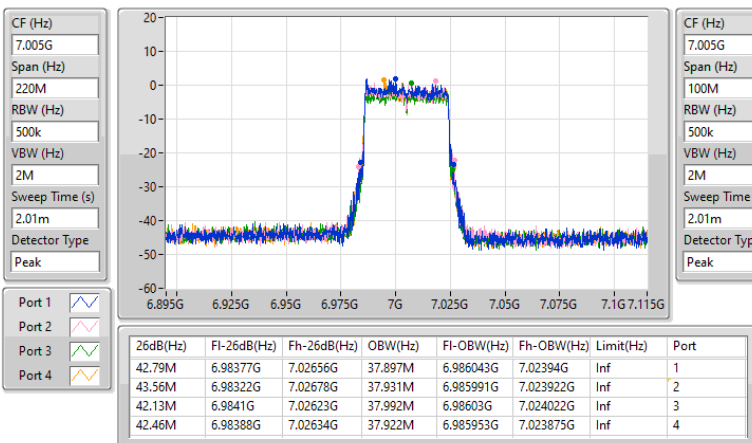


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

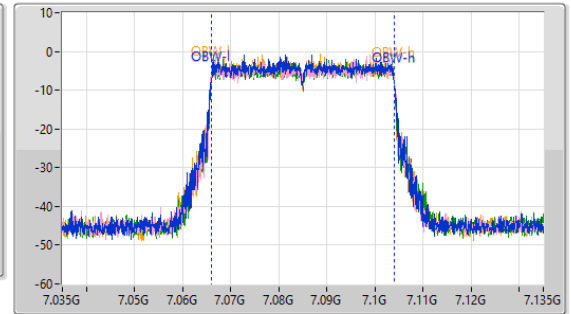
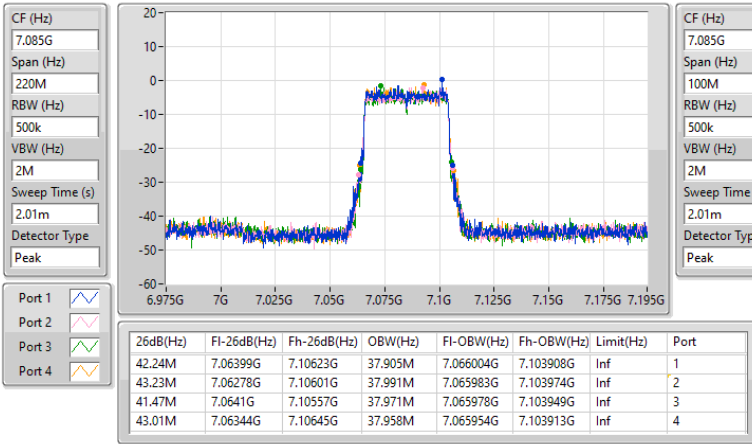
7005MHz

04/01/2025

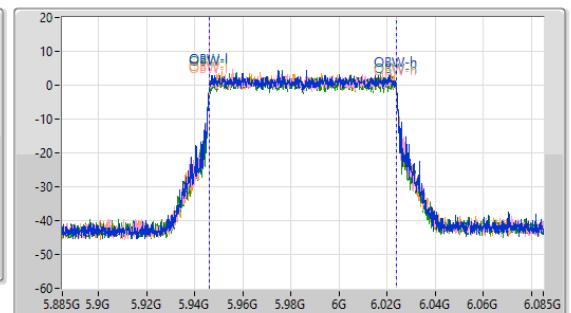
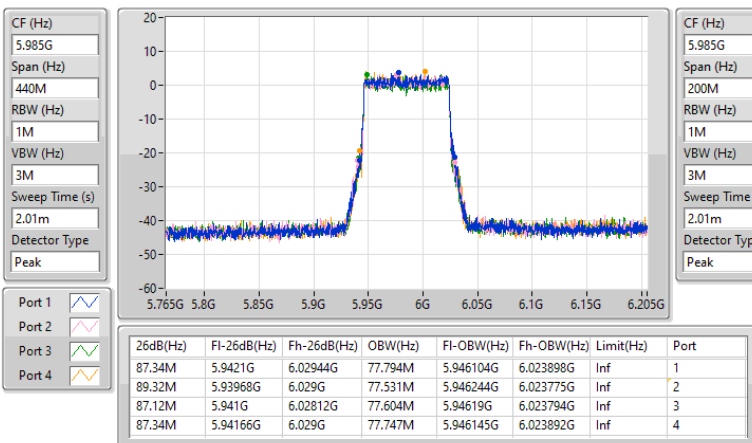


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
7085MHz

04/01/2025


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
5985MHz

04/01/2025

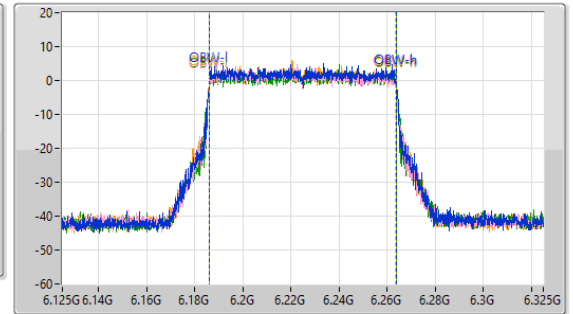
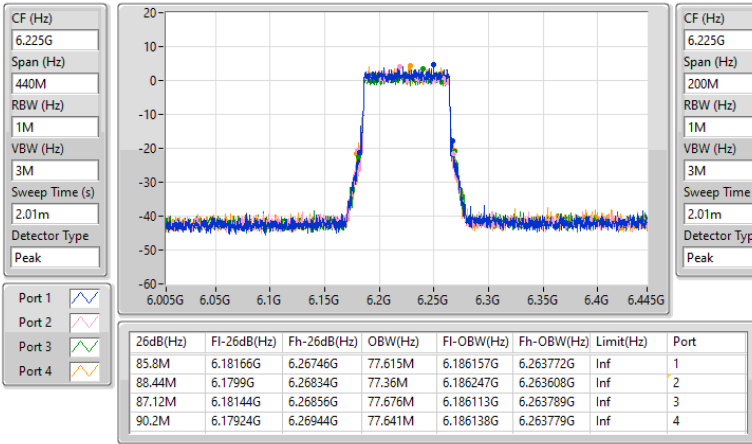


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6225MHz

04/01/2025

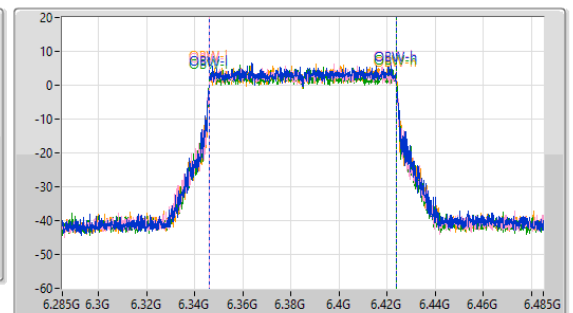
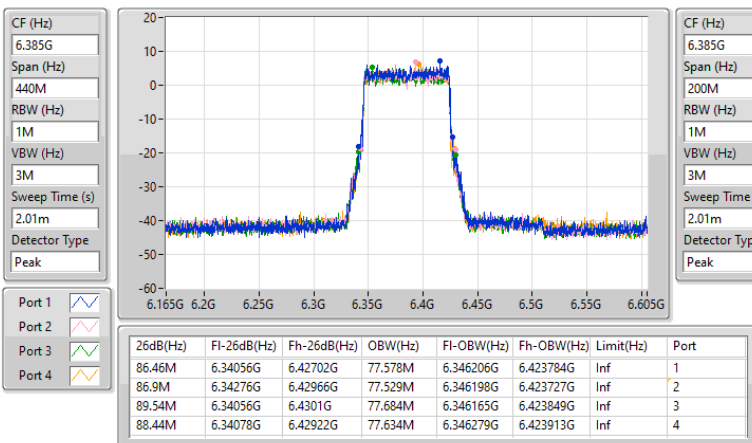


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6385MHz

04/01/2025

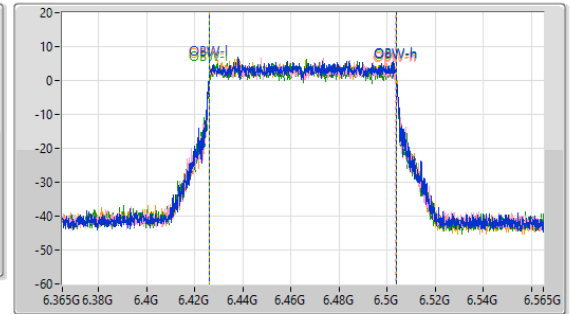
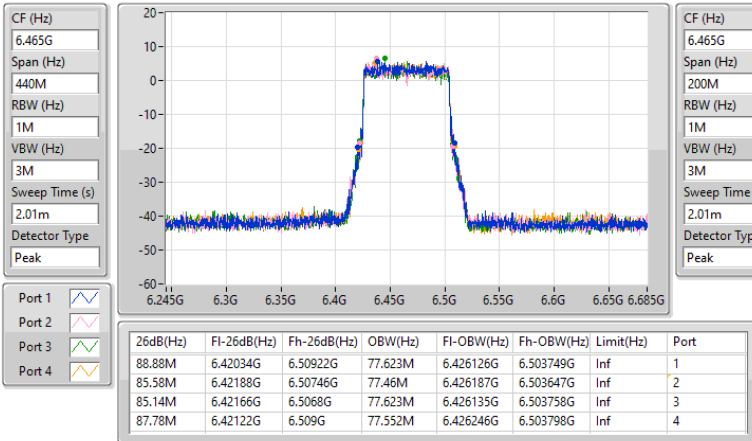


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6465MHz

04/01/2025

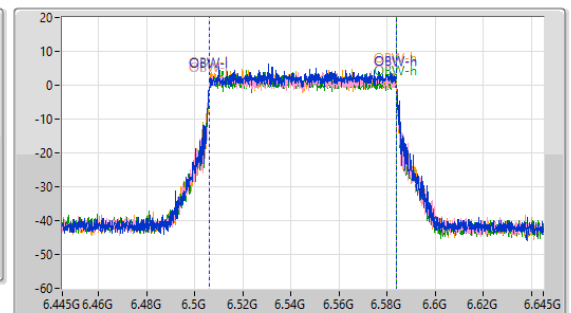
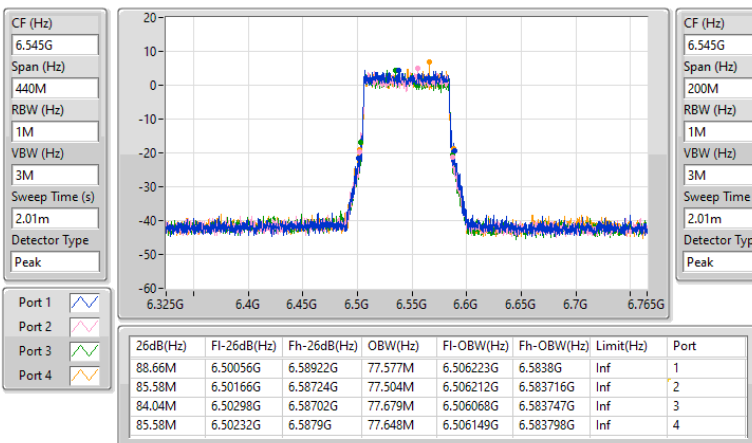


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6545MHz

04/01/2025

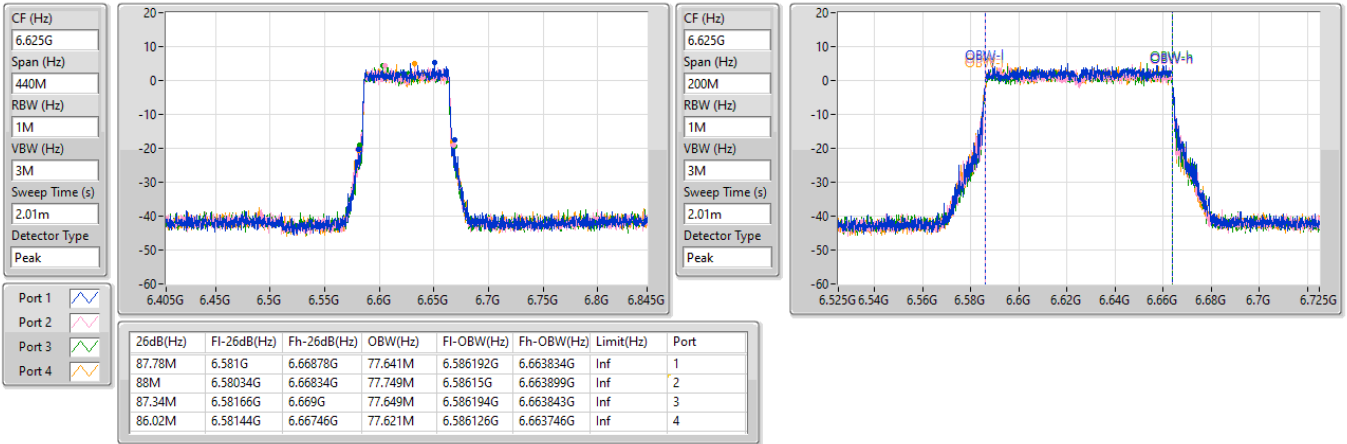


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6625MHz

04/01/2025

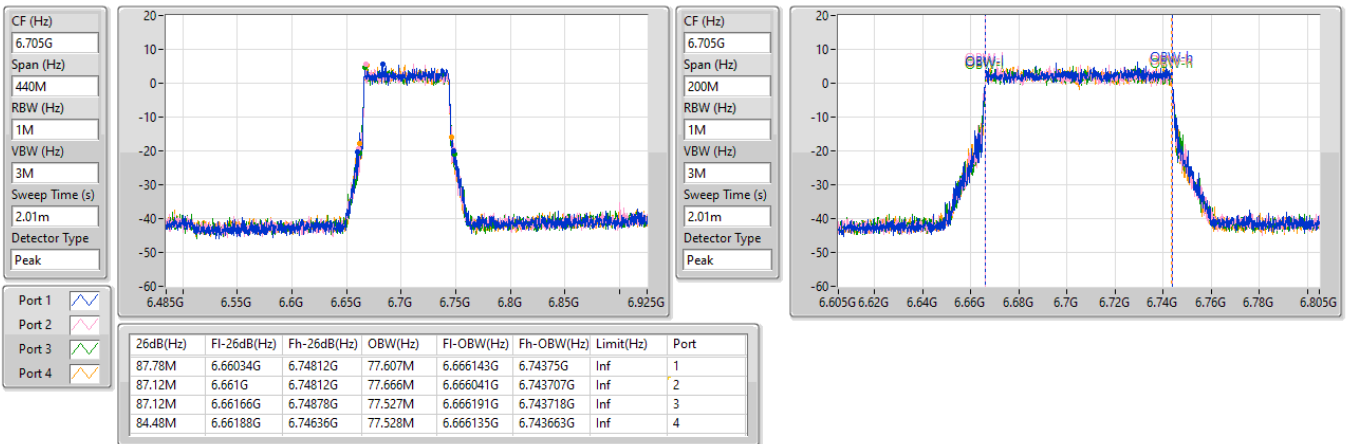


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6705MHz

04/01/2025

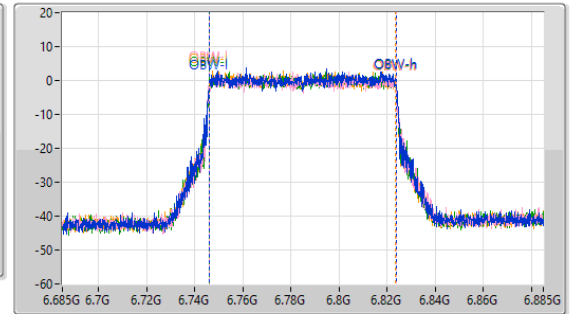
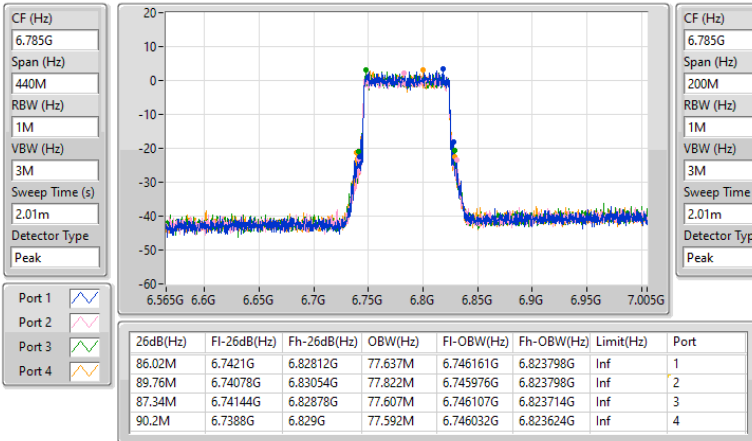


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6785MHz

04/01/2025

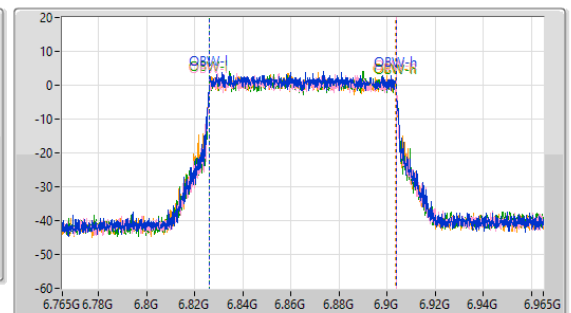
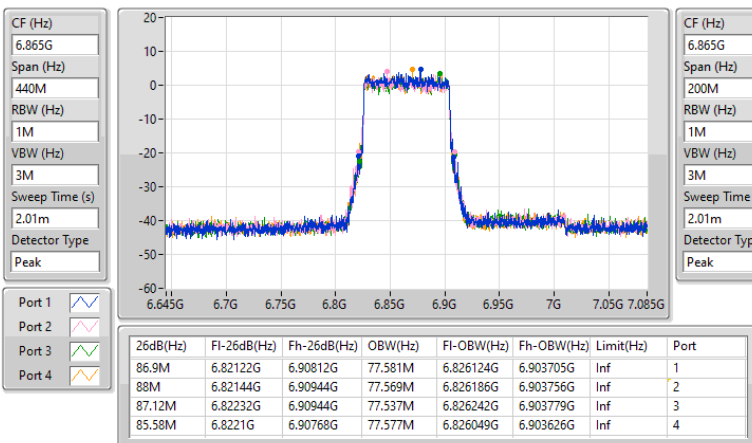


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6865MHz

04/01/2025

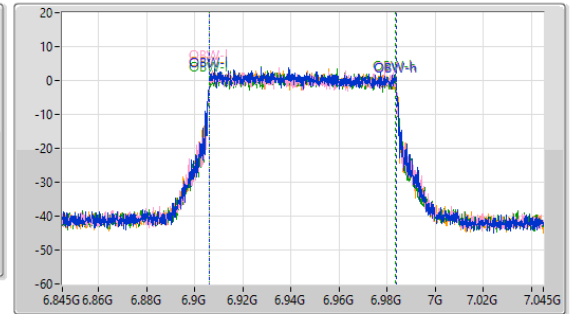
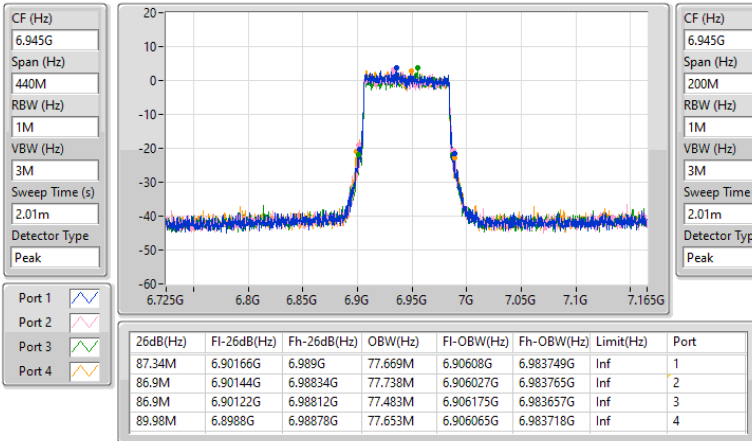


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6945MHz

04/01/2025

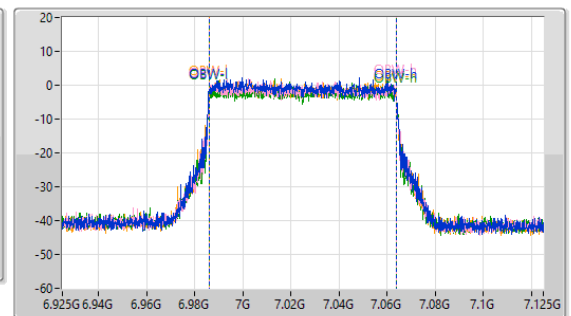
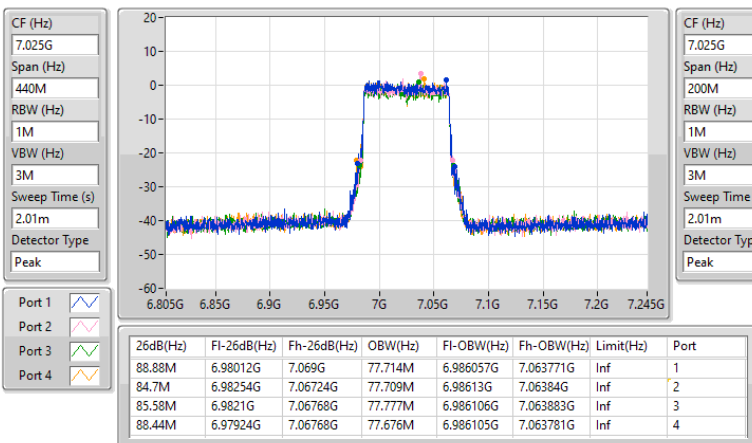


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

7025MHz

04/01/2025

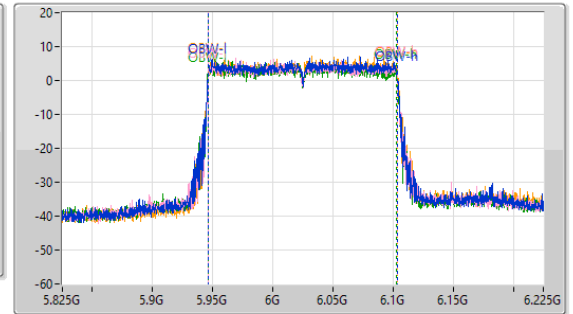
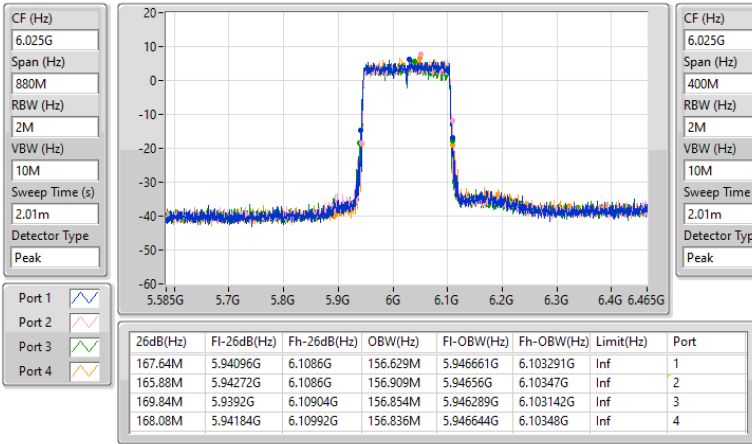


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6025MHz

04/01/2025

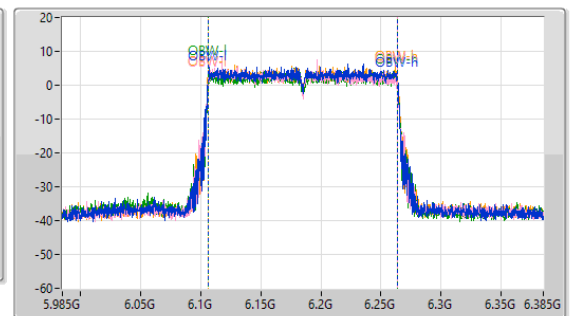
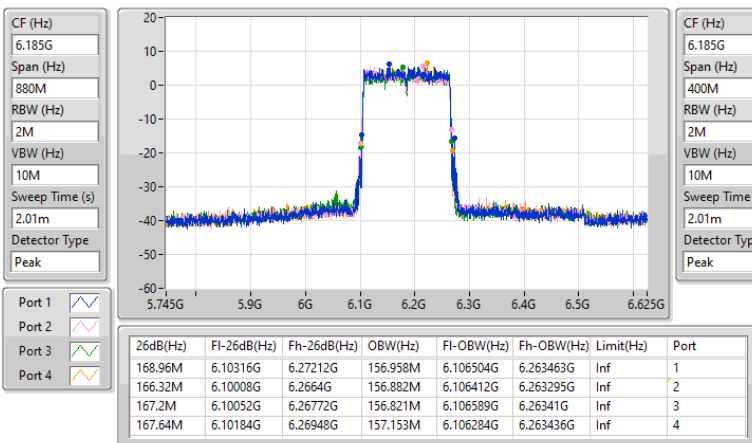


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6185MHz

04/01/2025

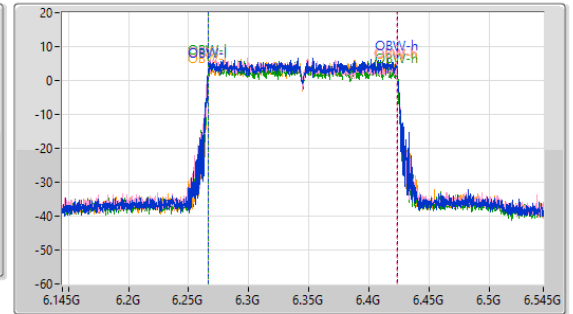
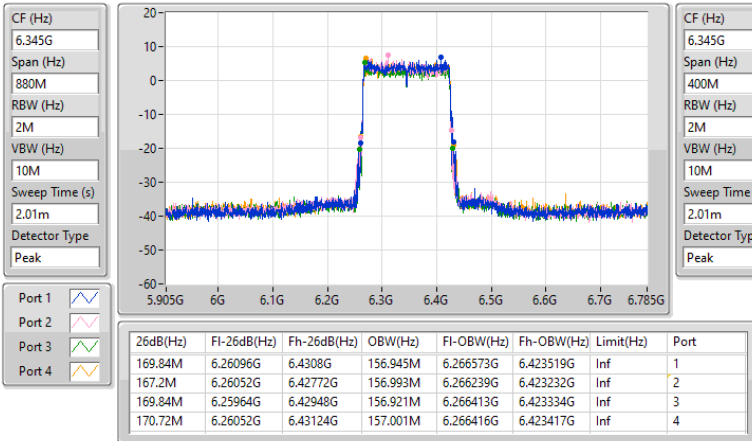


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6345MHz

04/01/2025

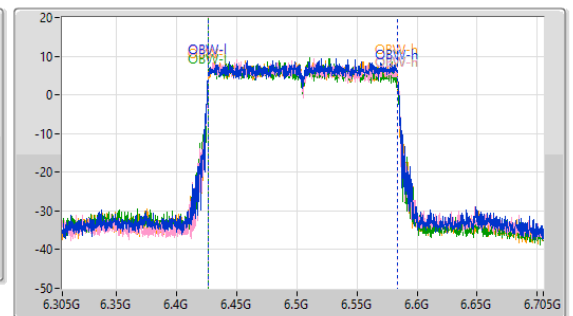
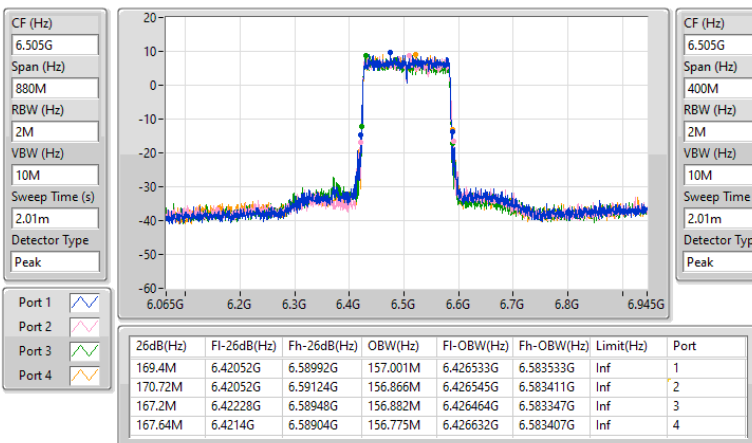


6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6505MHz

04/01/2025

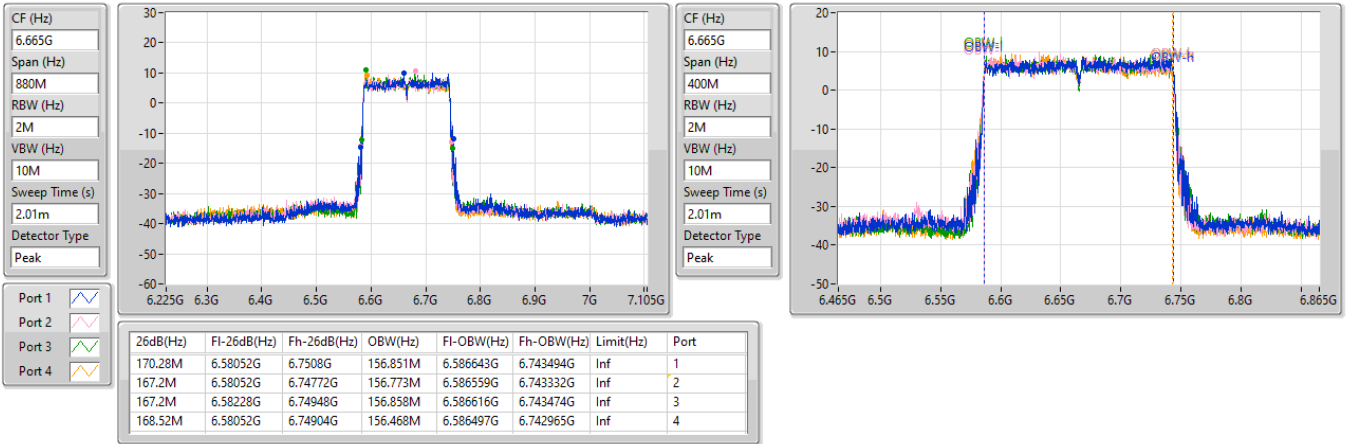


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6665MHz

04/01/2025

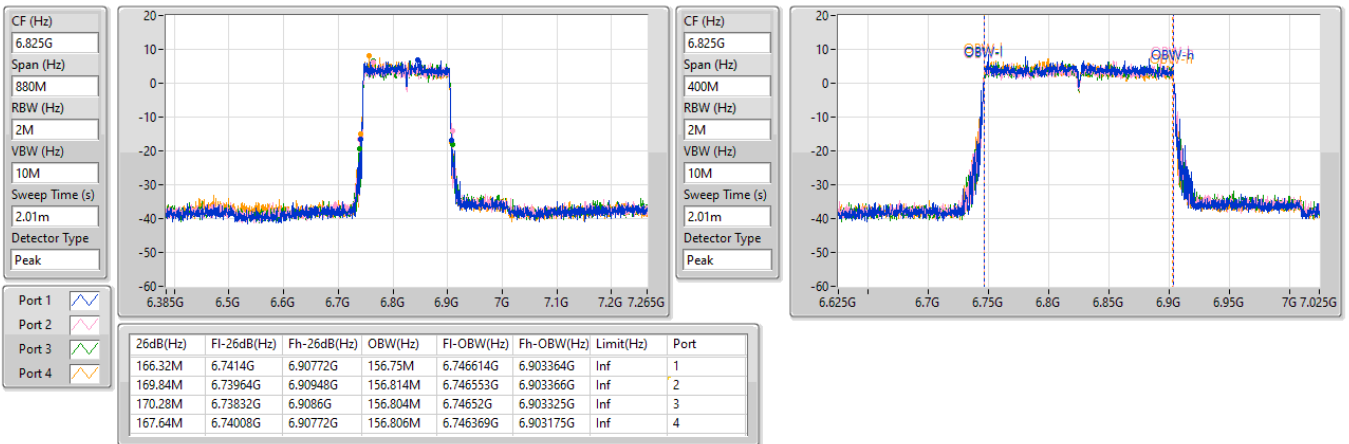


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

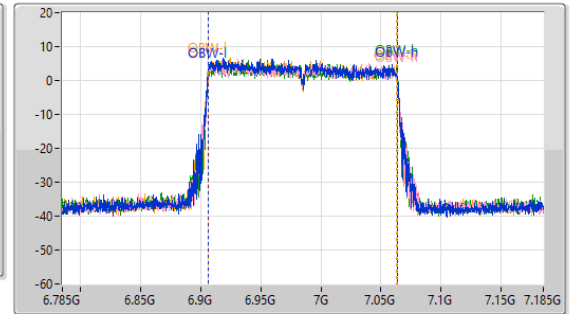
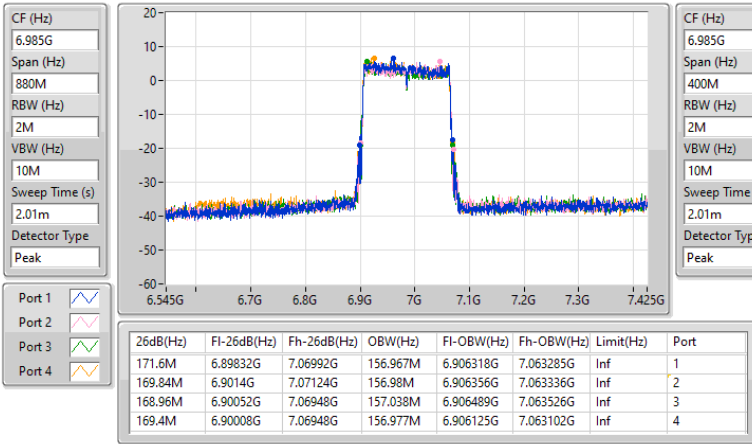
6825MHz

04/01/2025

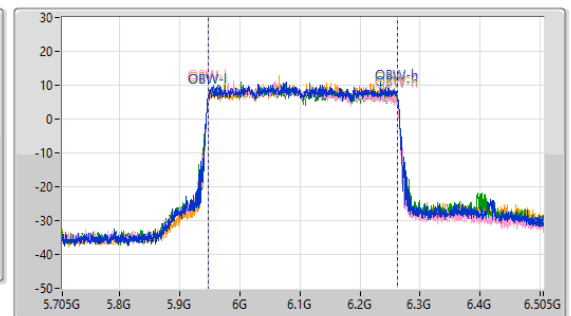
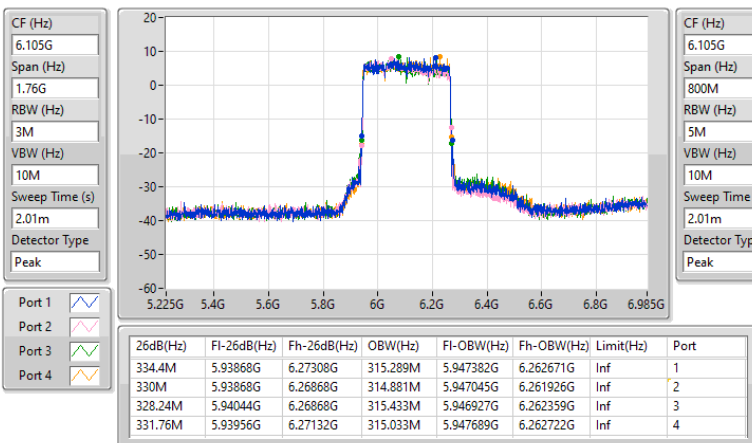


6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
6985MHz

04/01/2025


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_4TX
EBW
6105MHz

04/01/2025

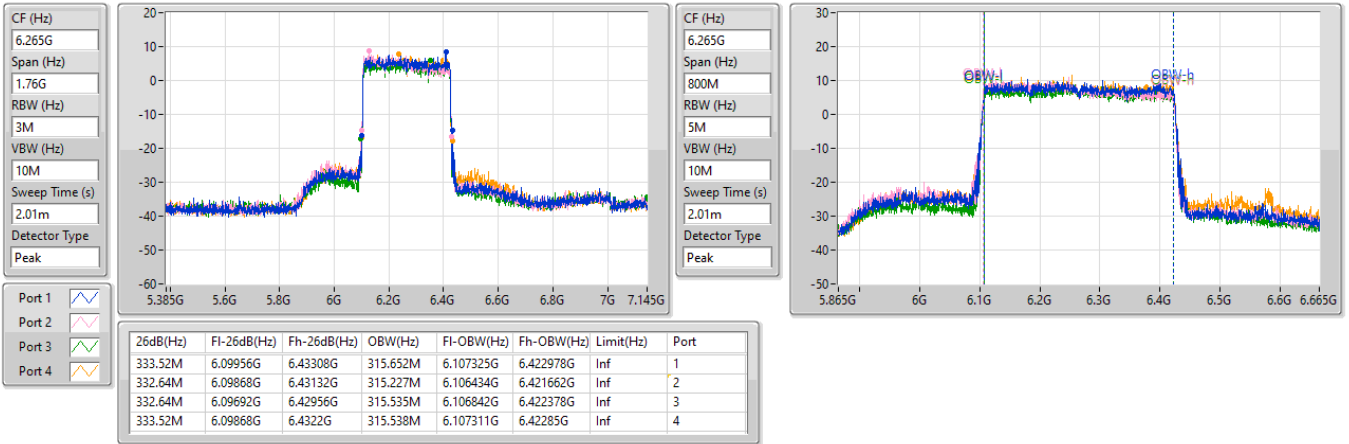


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_4TX

EBW

6265MHz

04/01/2025

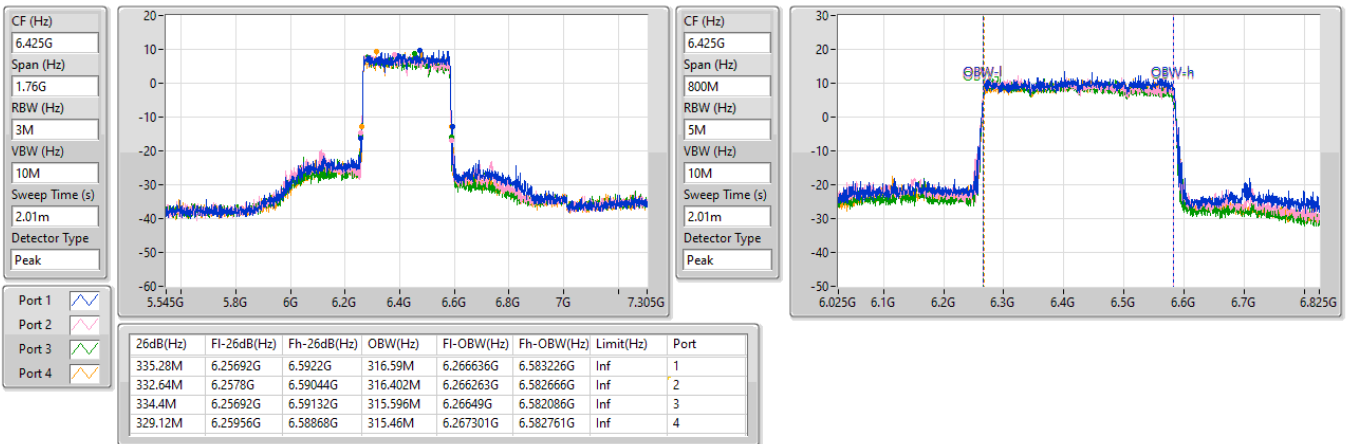


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_4TX

EBW

6425MHz

04/01/2025

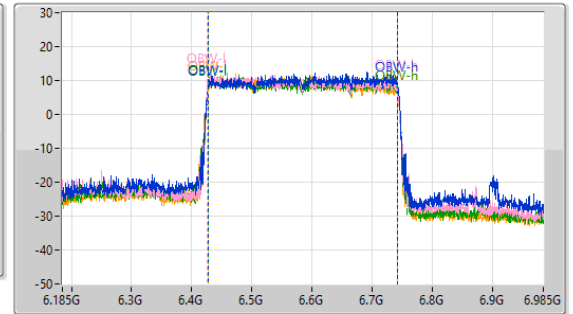
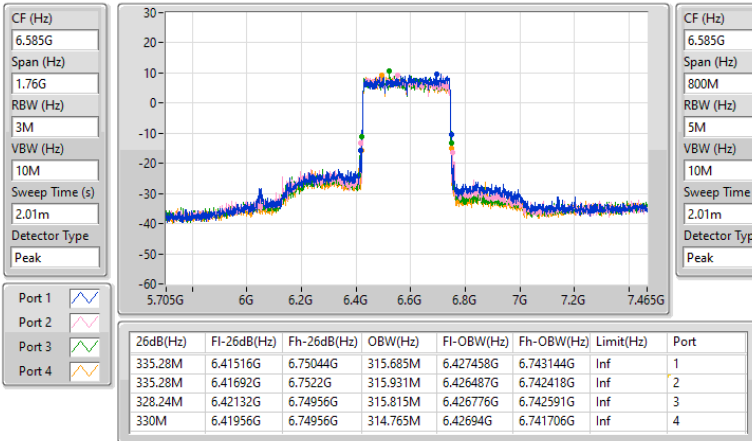


6.425-6.525GHz_802.11be EHT320_Nss1,(MCS0)_4TX

EBW

6585MHz

04/01/2025

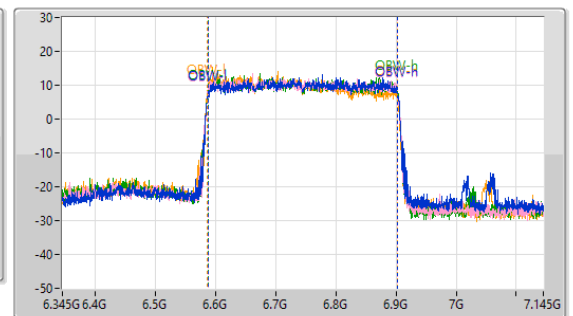
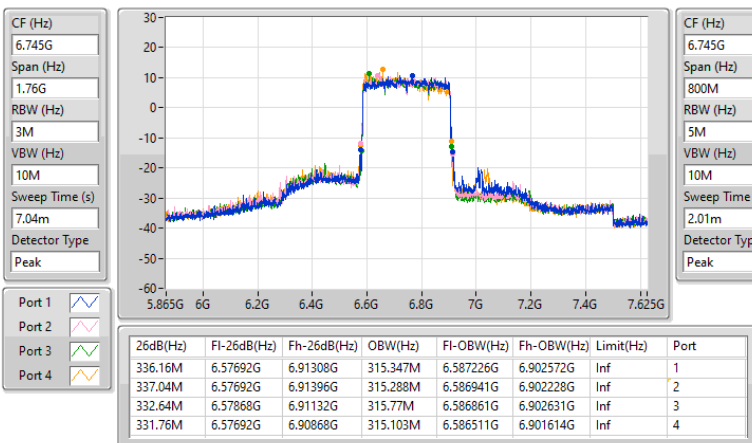


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_4TX

EBW

6745MHz

04/01/2025

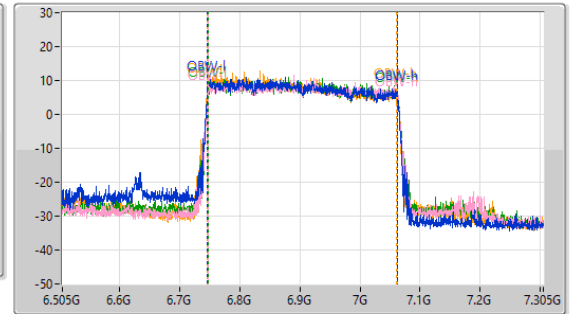
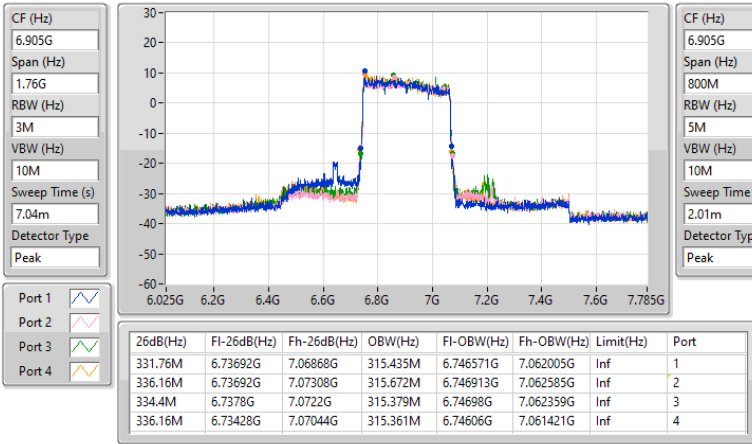


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_4TX

EBW

6905MHz

04/01/2025

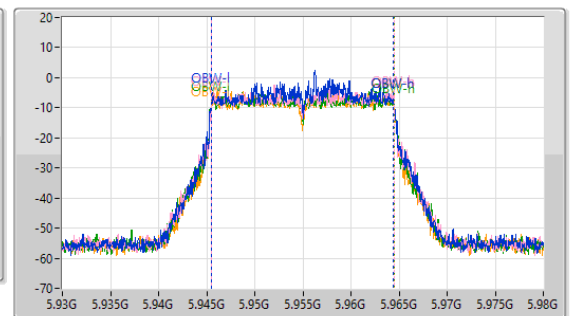
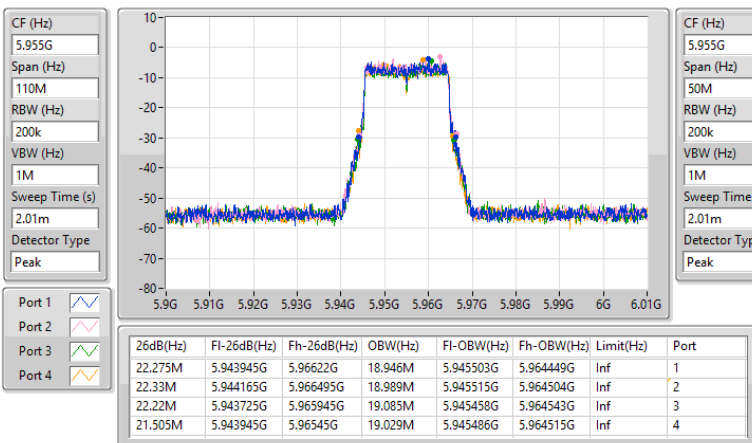


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

5955MHz

13/12/2024

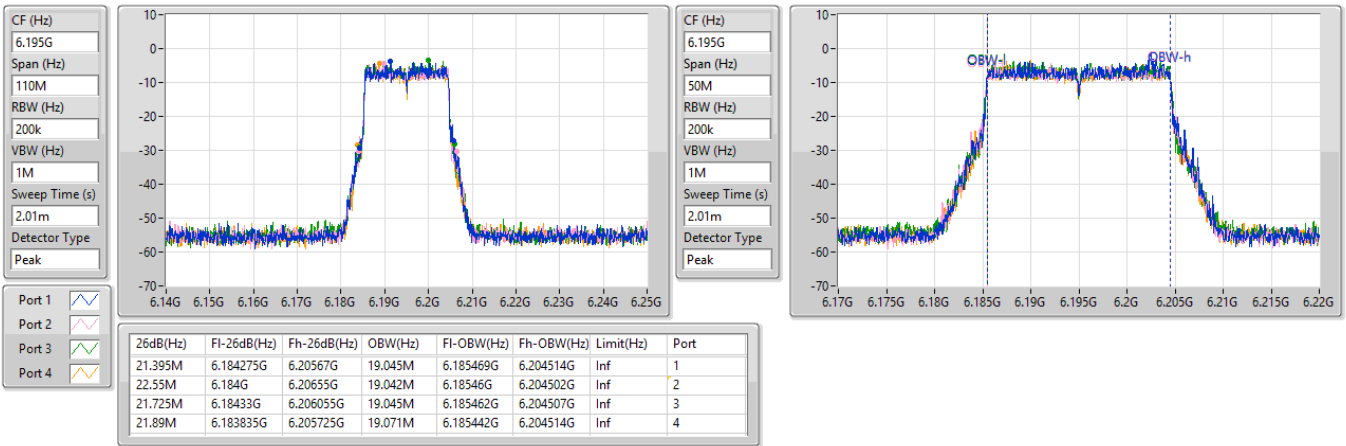


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6195MHz

13/12/2024

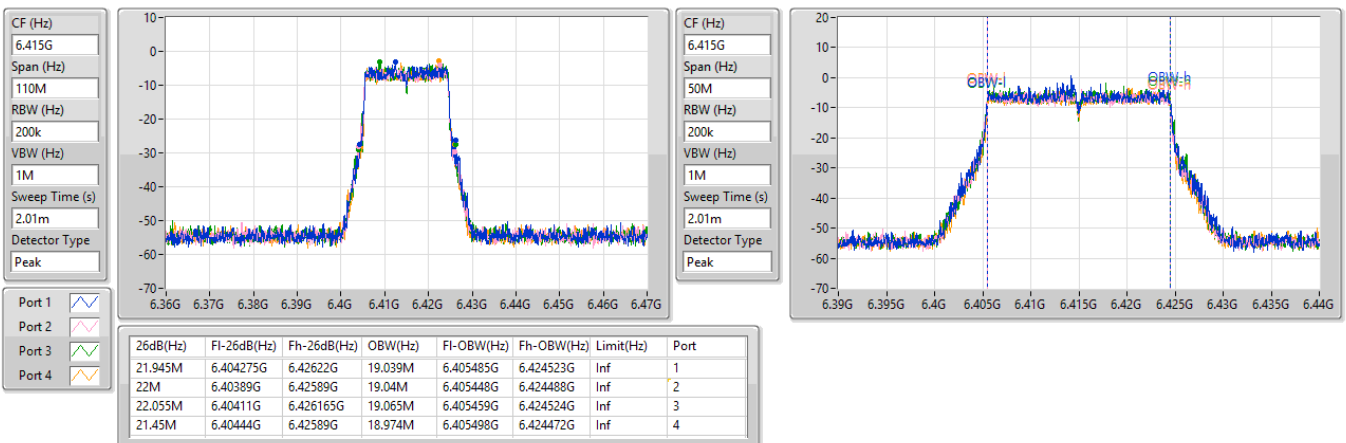


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6415MHz

13/12/2024

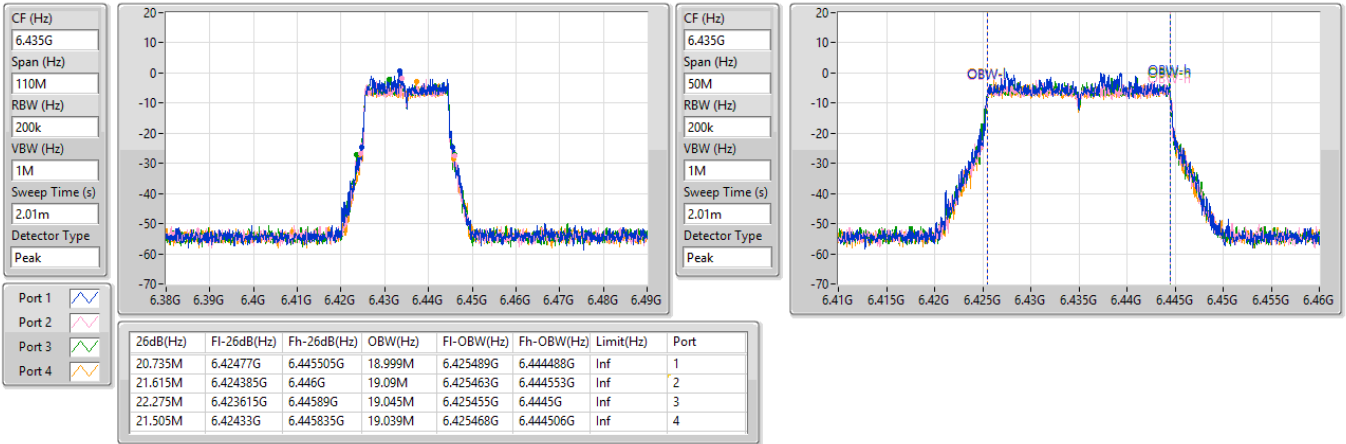


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6435MHz

13/12/2024

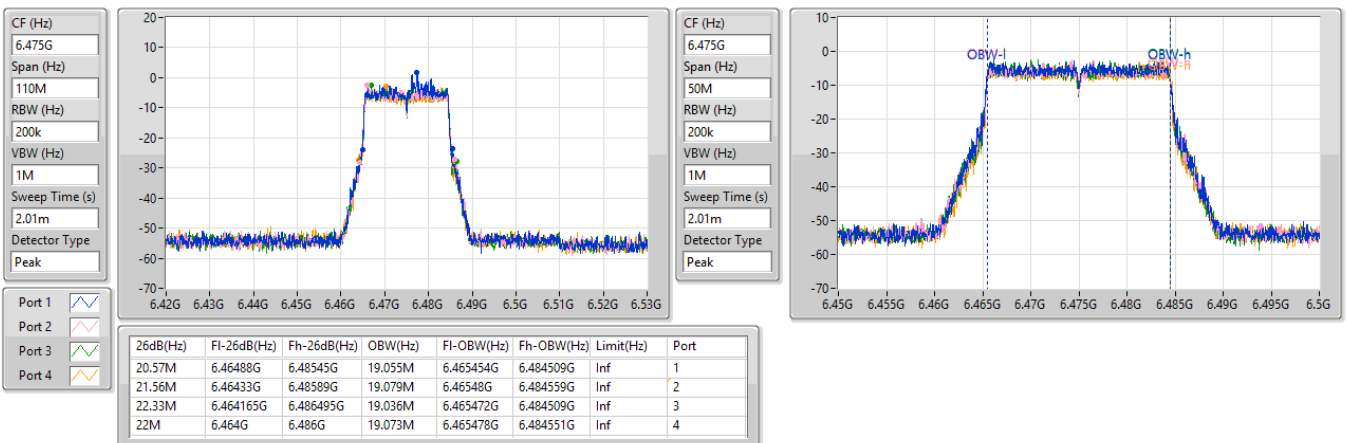


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6475MHz

13/12/2024

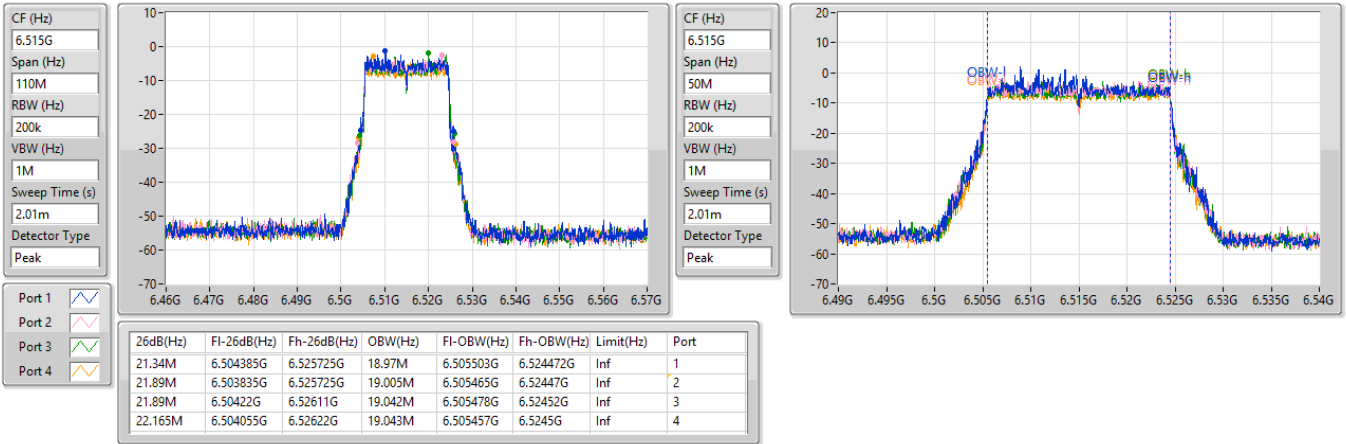


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6515MHz

13/12/2024

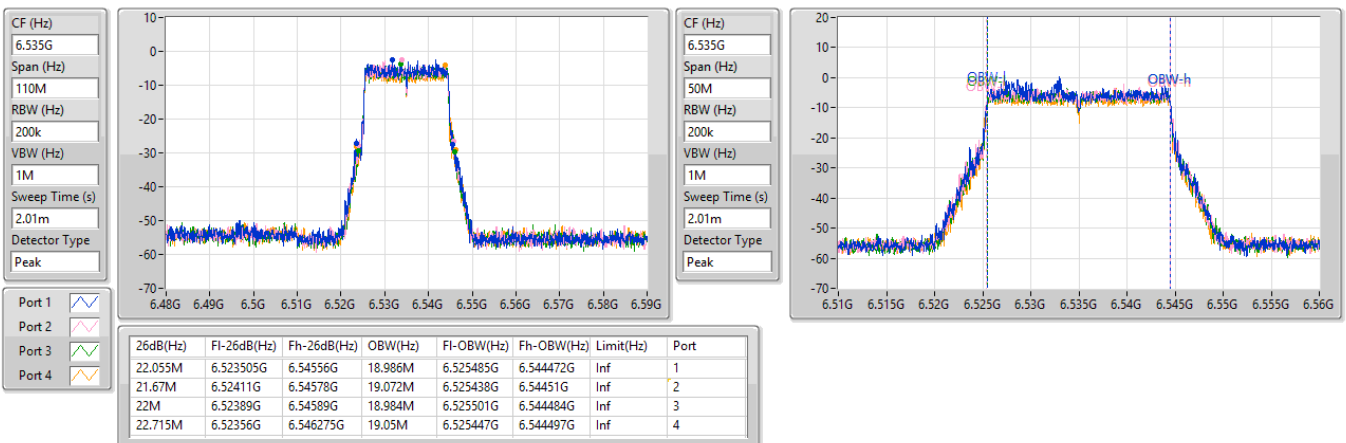


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6535MHz

13/12/2024

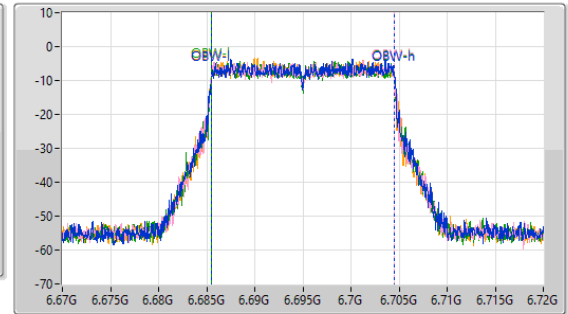
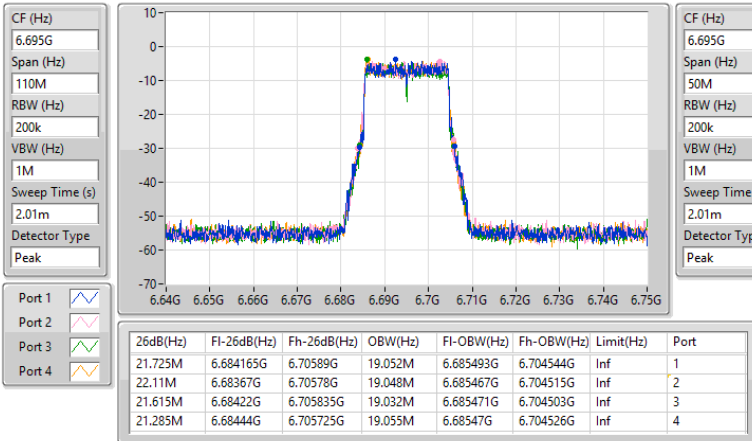


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6695MHz

13/12/2024

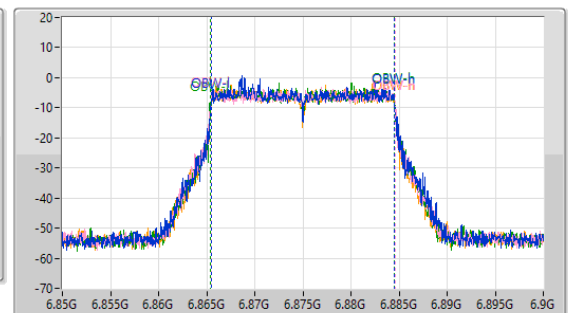
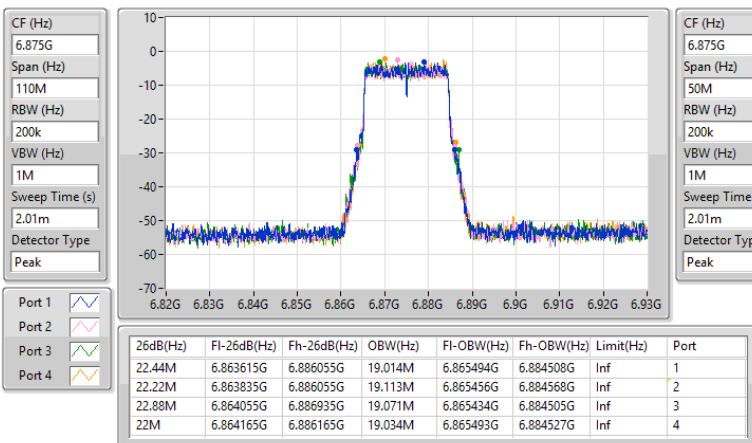


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6875MHz

13/12/2024

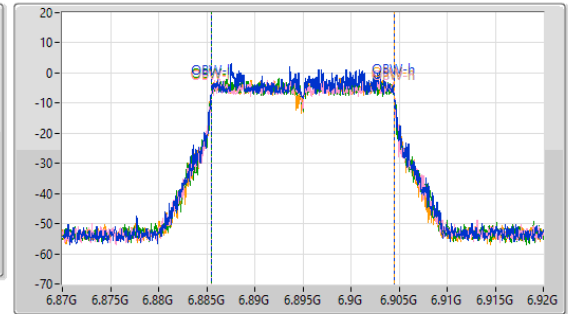
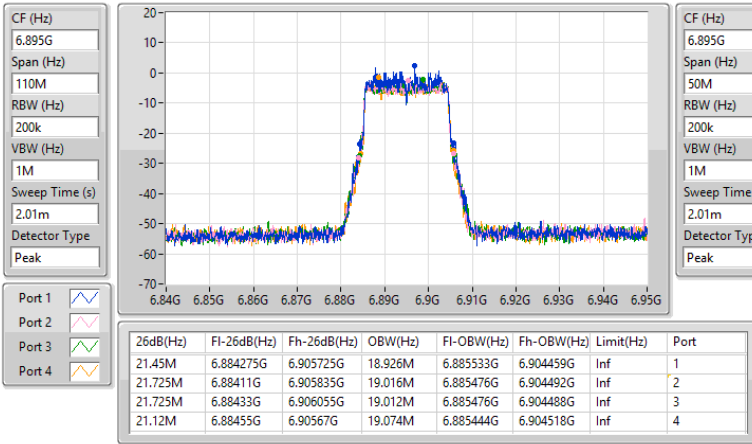


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6895MHz

13/12/2024

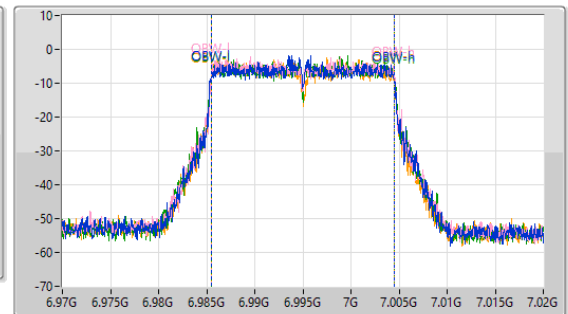
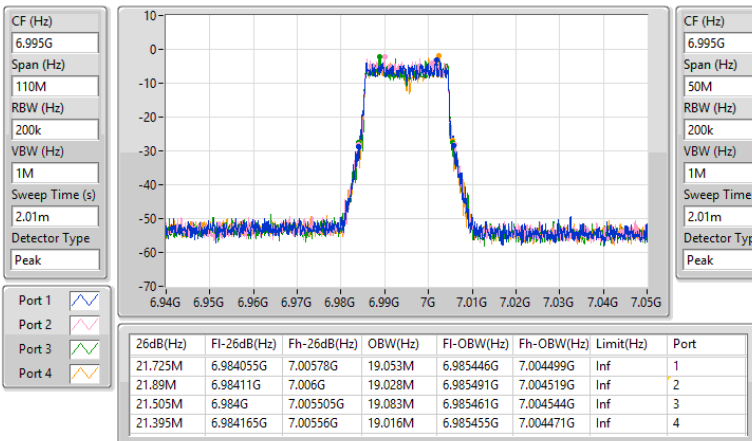


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6995MHz

13/12/2024

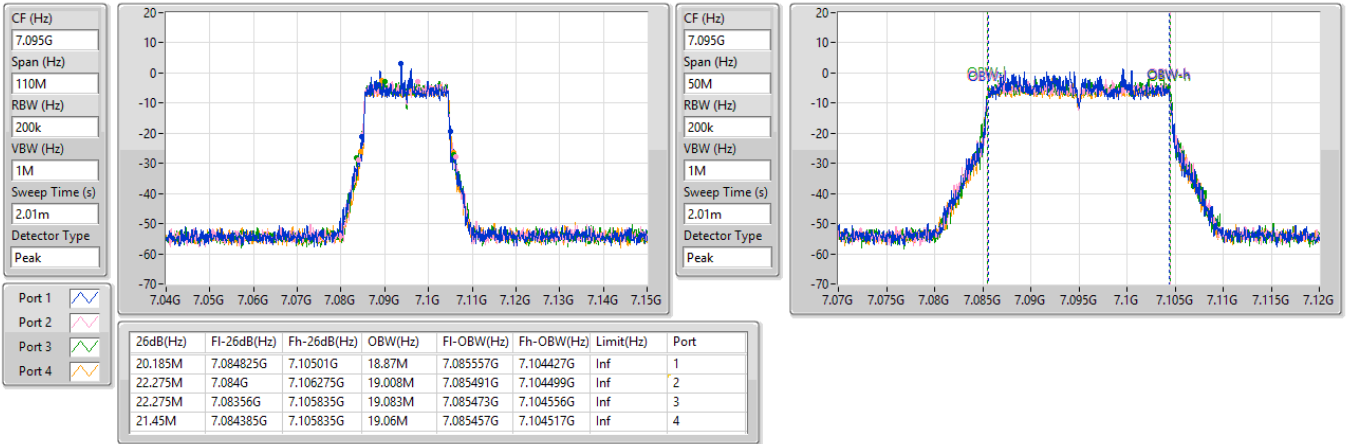


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

7095MHz

13/12/2024

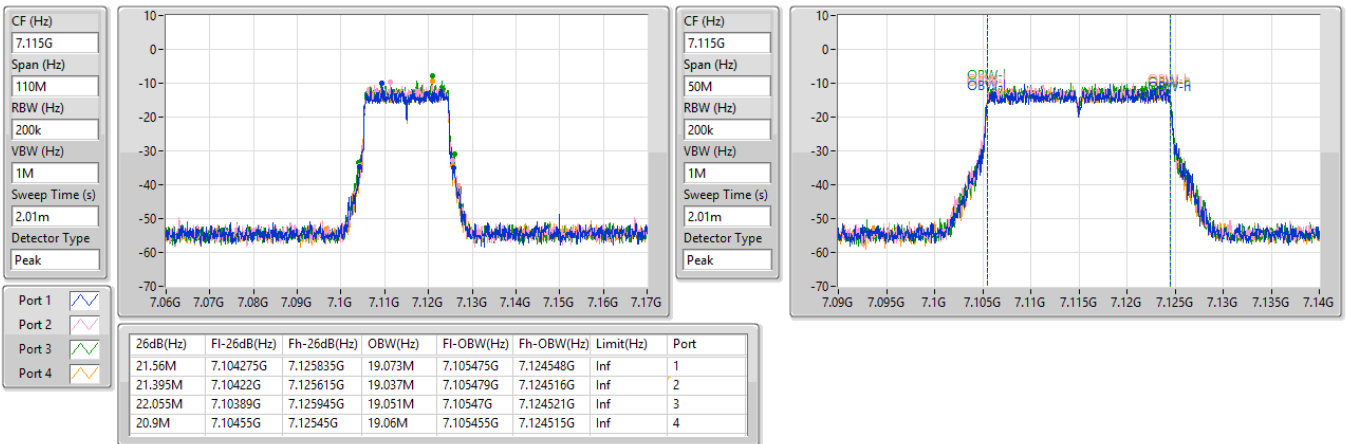


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

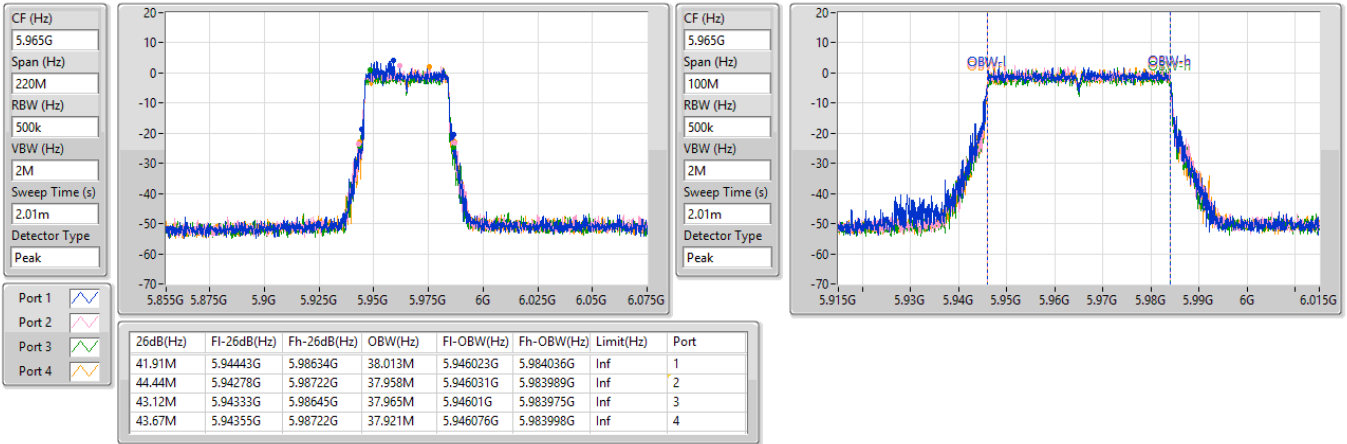
7115MHz

13/12/2024

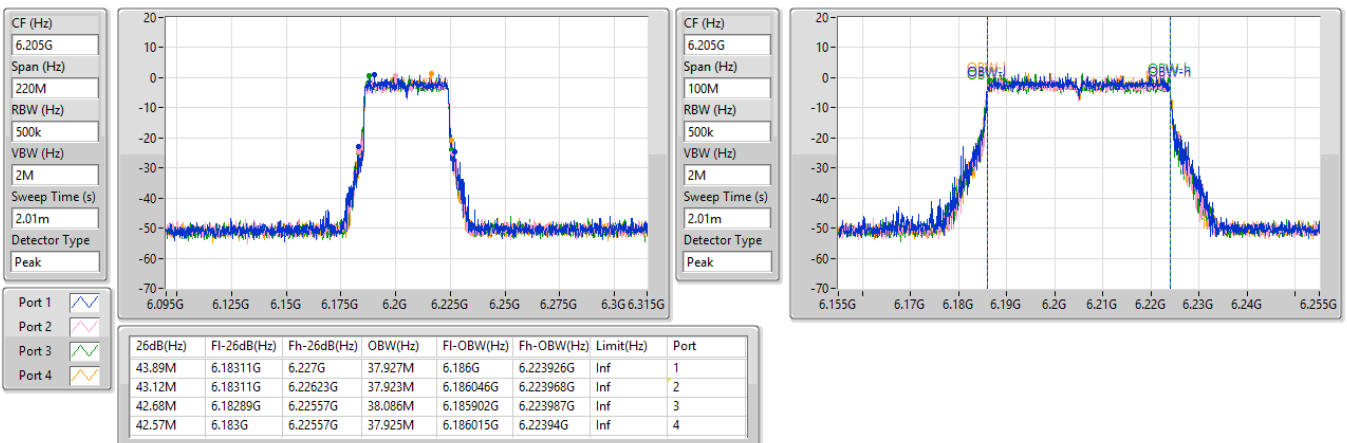


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
5965MHz

13/12/2024

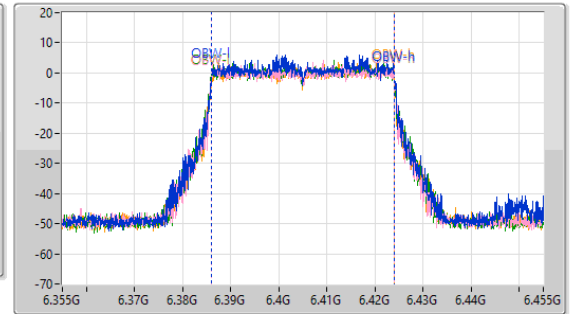
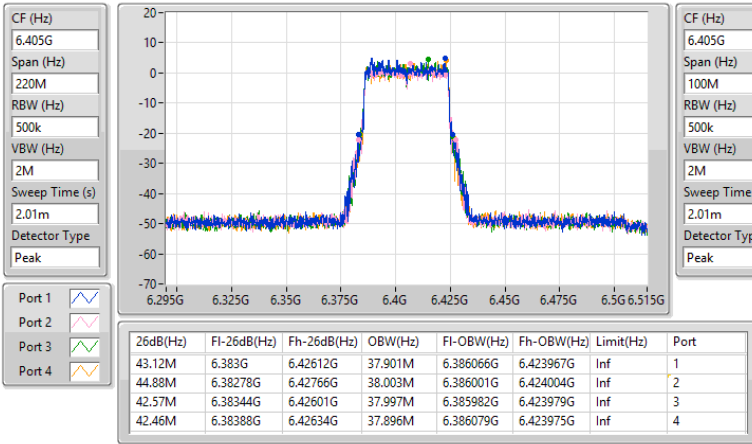

5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
6205MHz

13/12/2024

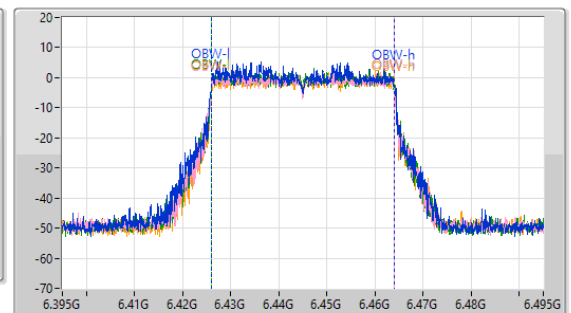
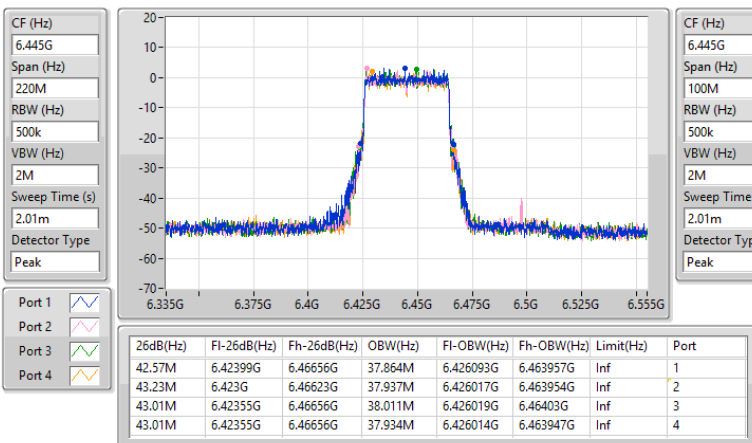


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
6405MHz

13/12/2024


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
6445MHz

13/12/2024

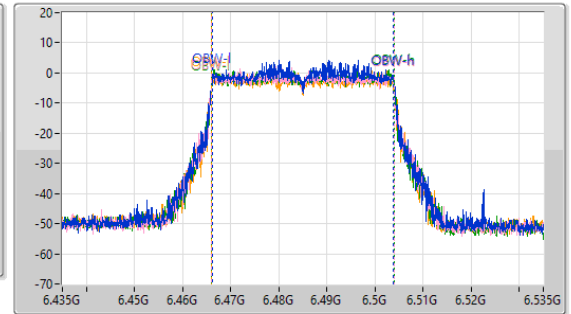
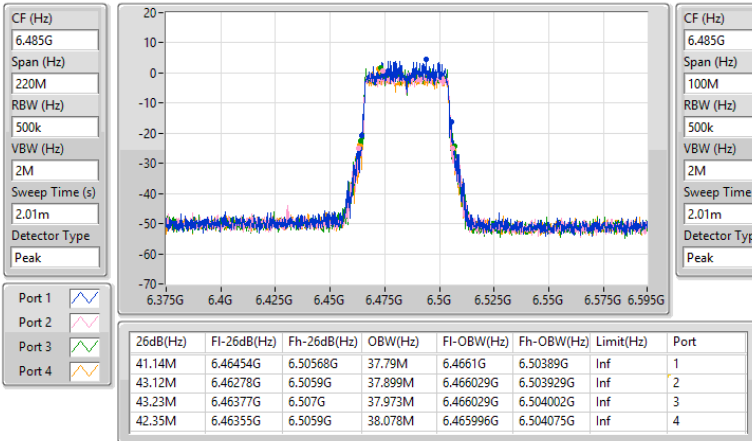


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6485MHz

13/12/2024

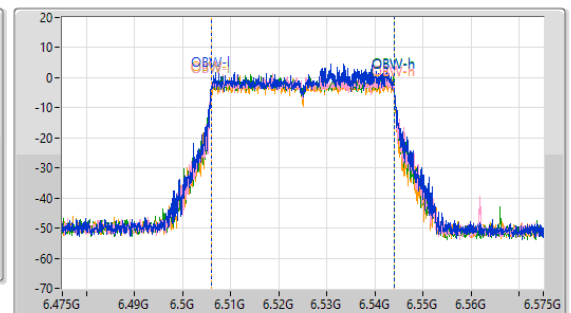
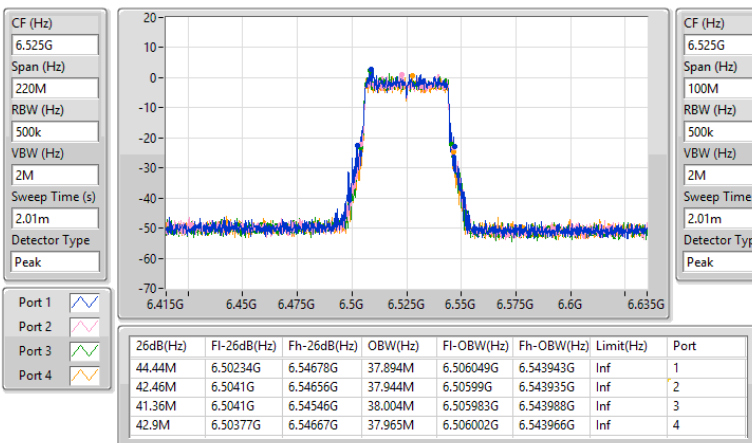


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6525MHz

13/12/2024

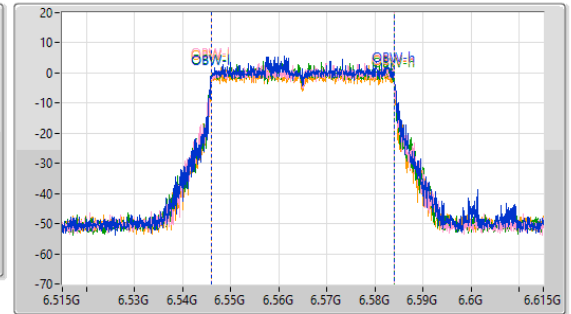
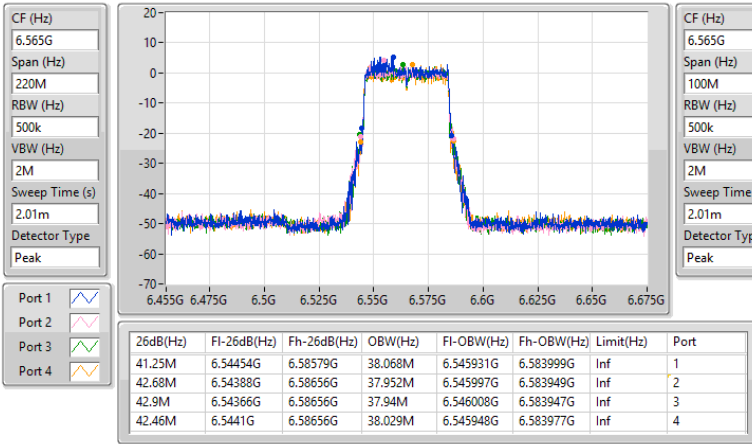


6.525-6.875GHz_802.11be EHT40-BF_Nss1.(MCS0)_4TX

EBW

6565MHz

13/12/2024

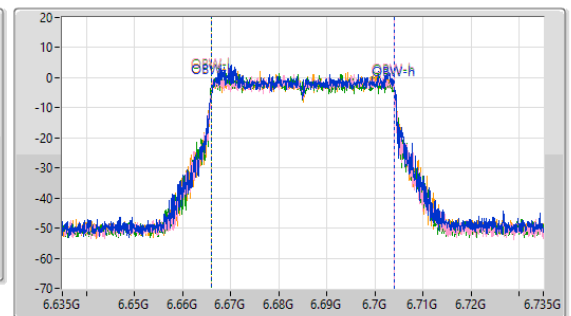
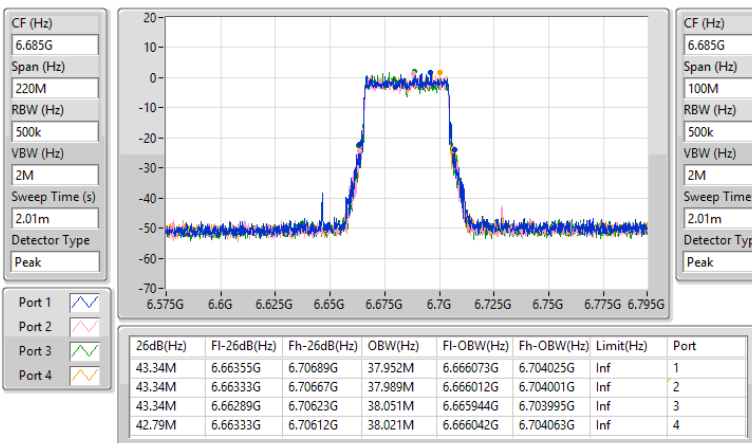


6.525-6.875GHz_802.11be EHT40-BF_Nss1.(MCS0)_4TX

EBW

6685MHz

13/12/2024

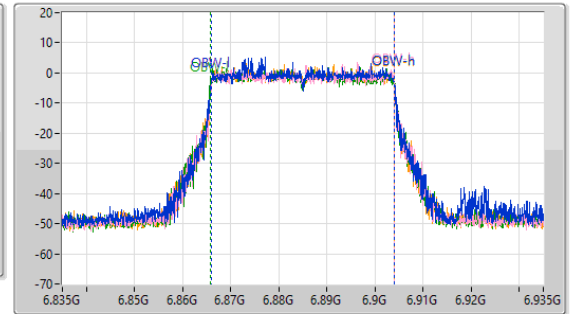
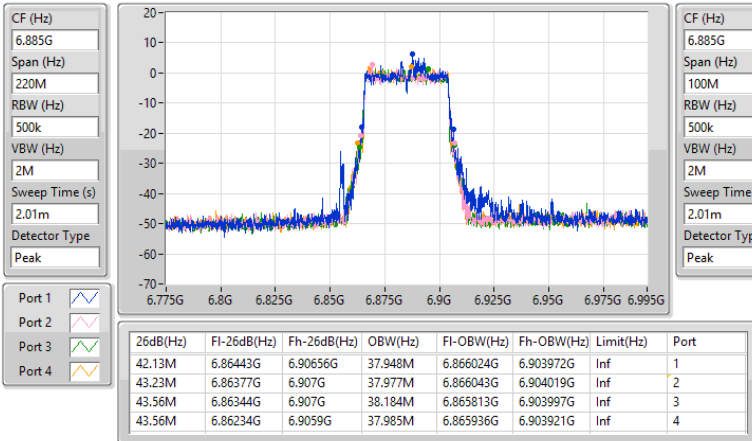


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6885MHz

13/12/2024

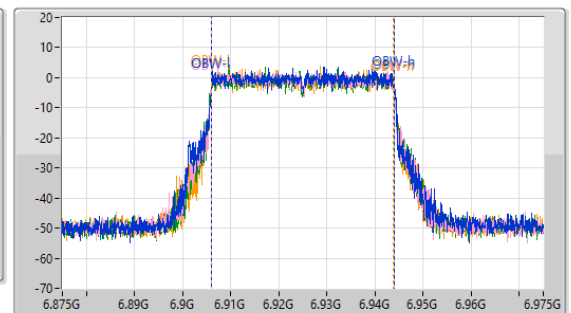
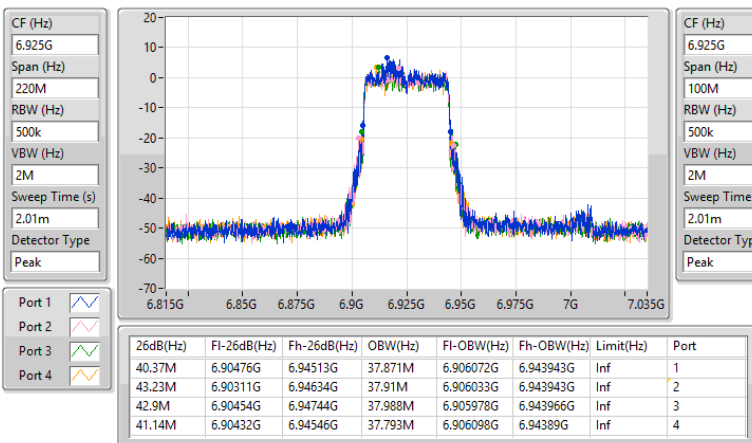


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6925MHz

13/12/2024

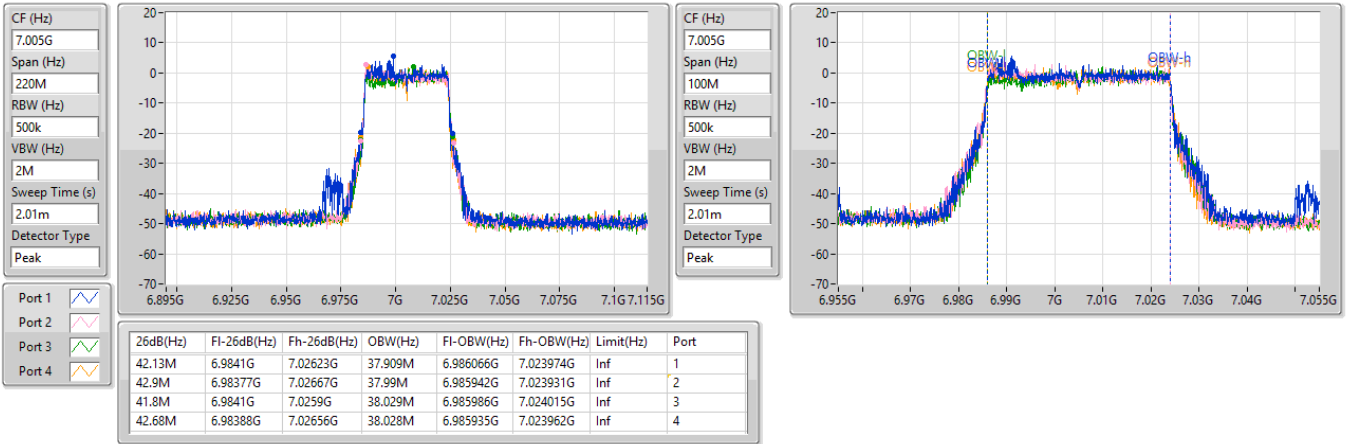


6.875-7.125GHz_802.11be EHT40-BF_Nss1.(MCS0)_4TX

EBW

7005MHz

13/12/2024

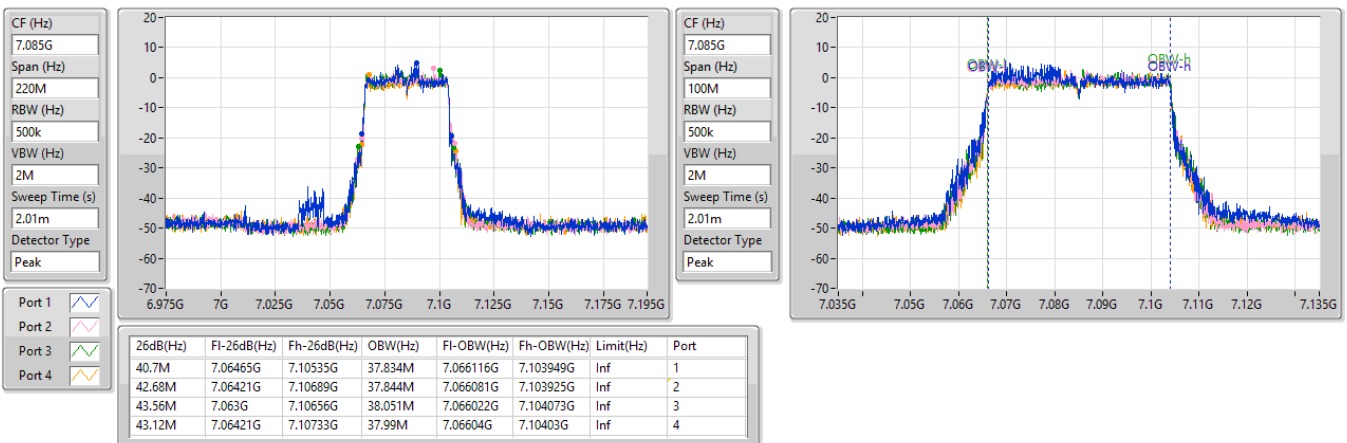


6.875-7.125GHz_802.11be EHT40-BF_Nss1.(MCS0)_4TX

EBW

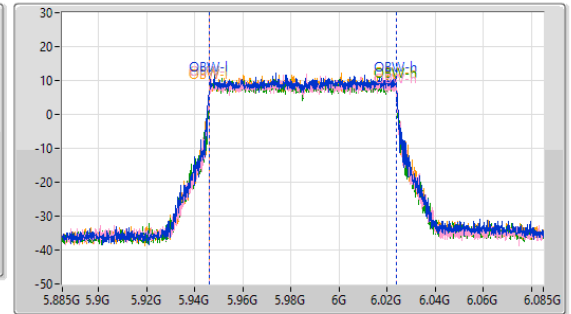
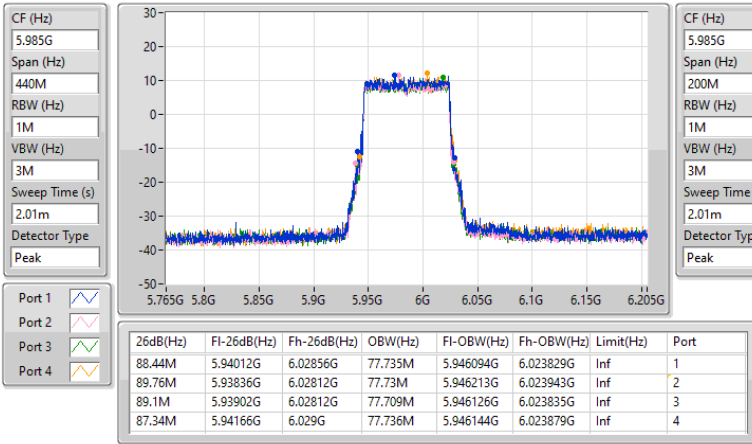
7085MHz

13/12/2024

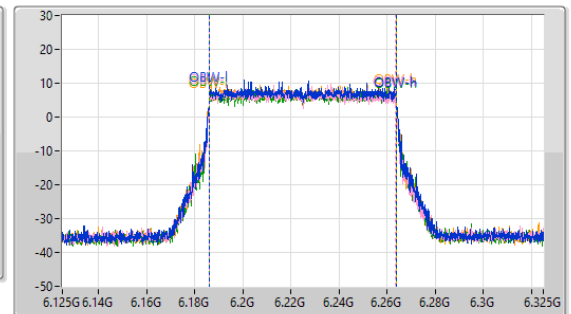
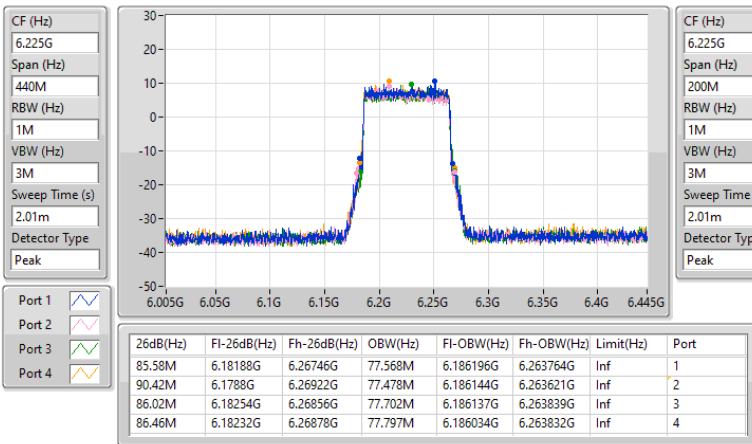


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX
EBW
5985MHz

17/03/2025


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX
EBW
6225MHz

17/03/2025

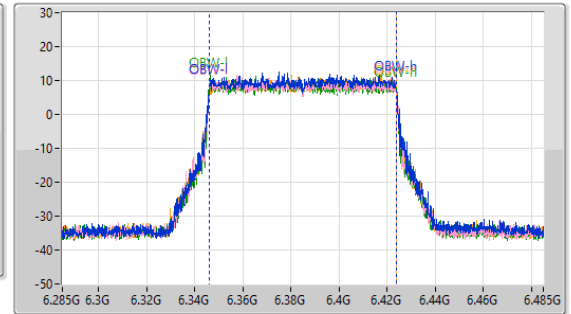
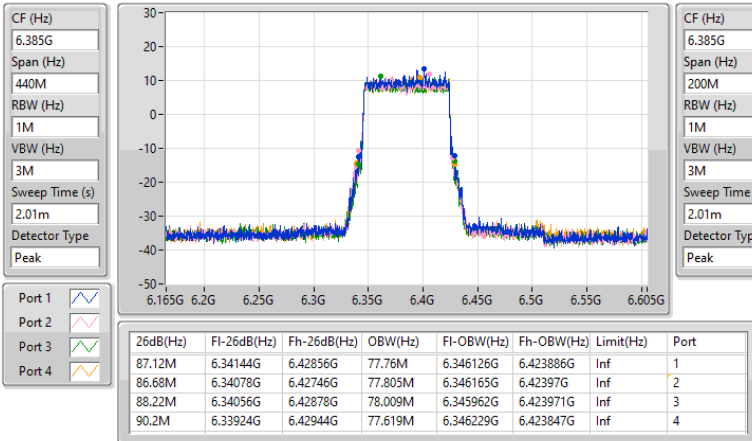


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6385MHz

17/03/2025

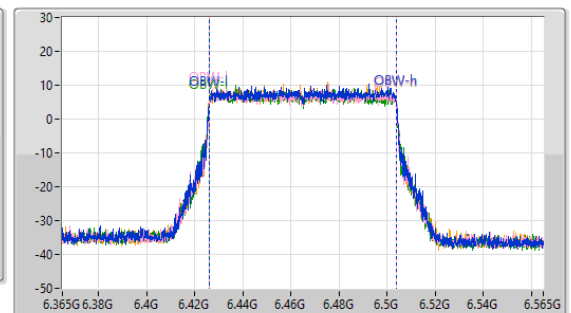
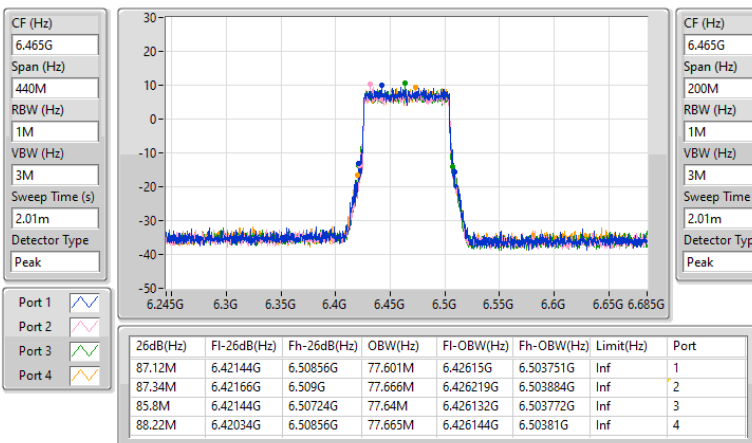


6.425-6.525GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6465MHz

17/03/2025

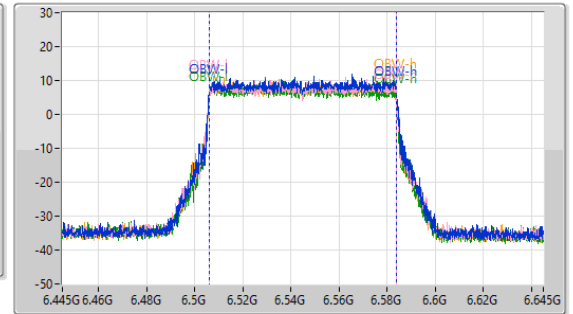
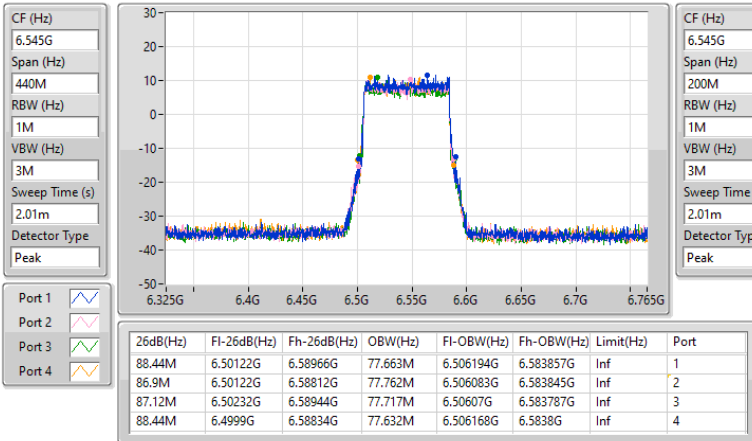


6.425-6.525GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6545MHz

17/03/2025

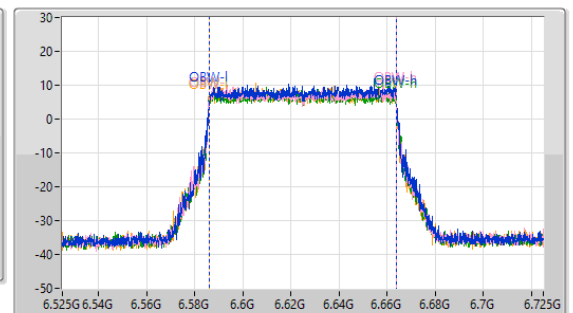
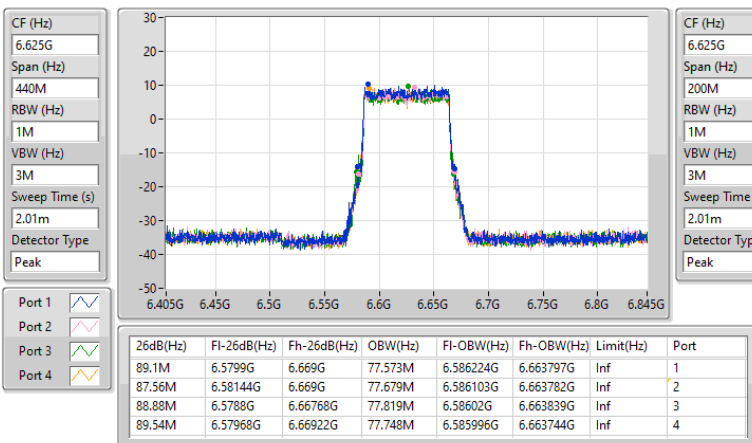


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6625MHz

17/03/2025

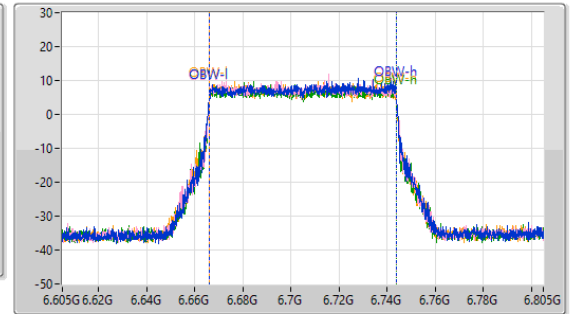
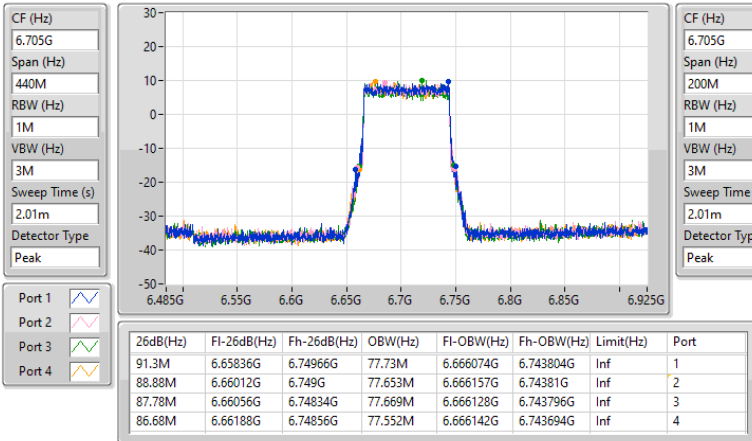


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6705MHz

17/03/2025

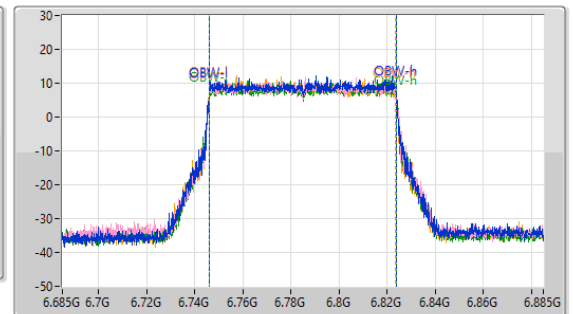
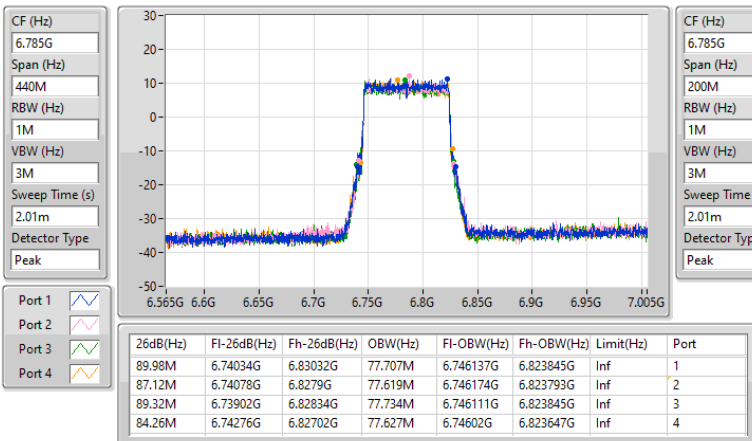


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6785MHz

17/03/2025

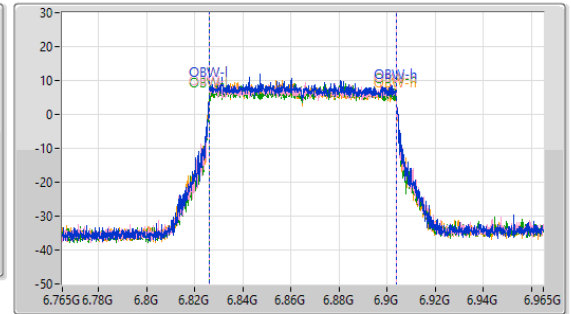
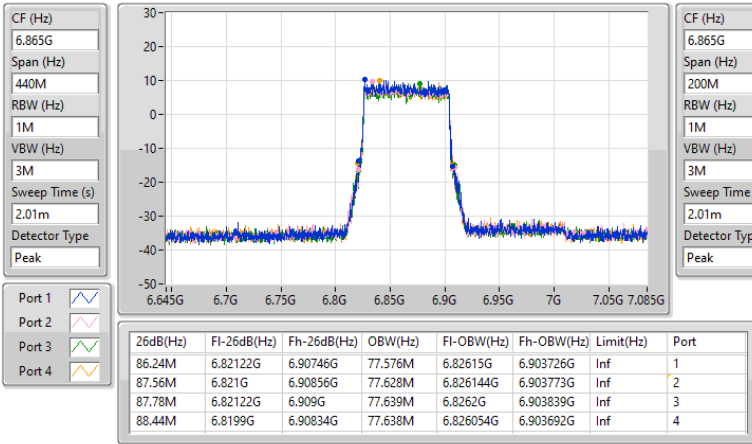


6.525-6.875GHz_802.11be EHT80-BF_Nss1.(MCS0)_4TX

EBW

6865MHz

17/03/2025

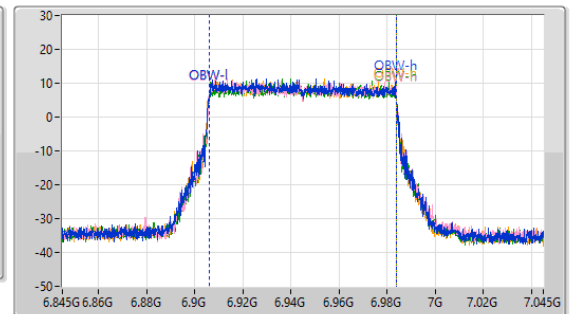
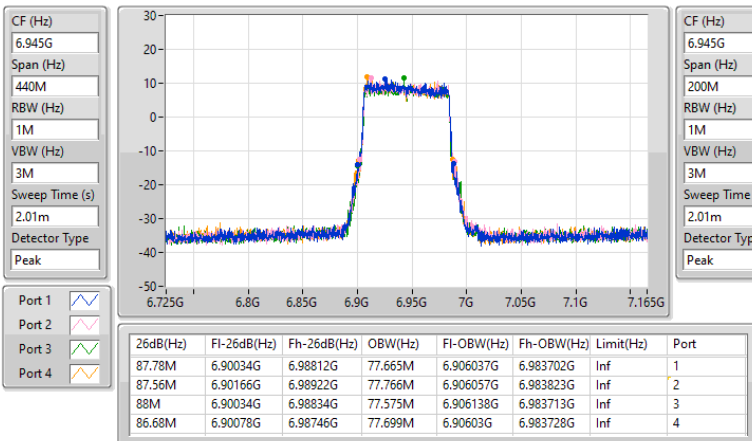


6.875-7.125GHz_802.11be EHT80-BF_Nss1.(MCS0)_4TX

EBW

6945MHz

17/03/2025

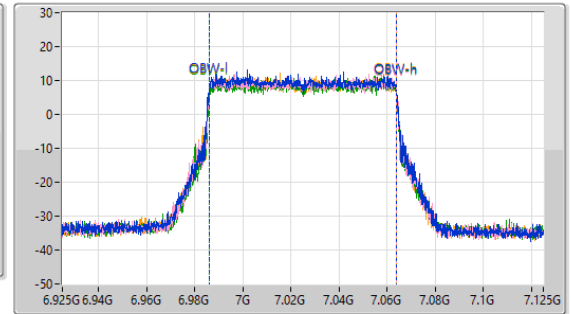
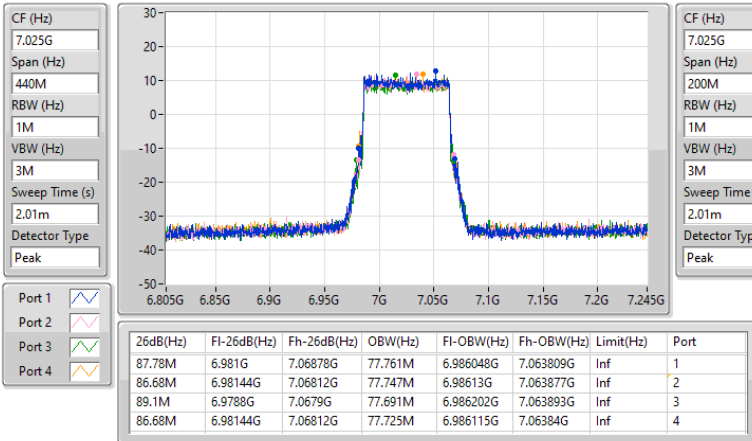


6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

7025MHz

17/03/2025

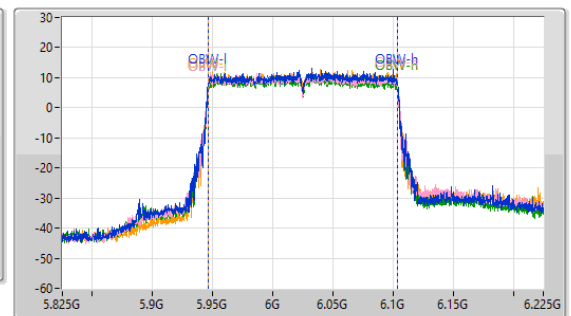
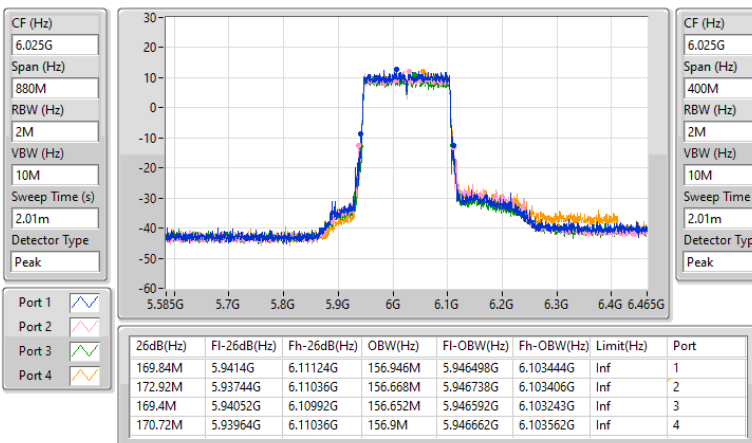


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6025MHz

17/03/2025

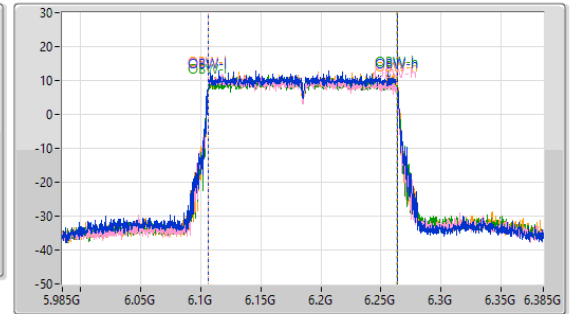
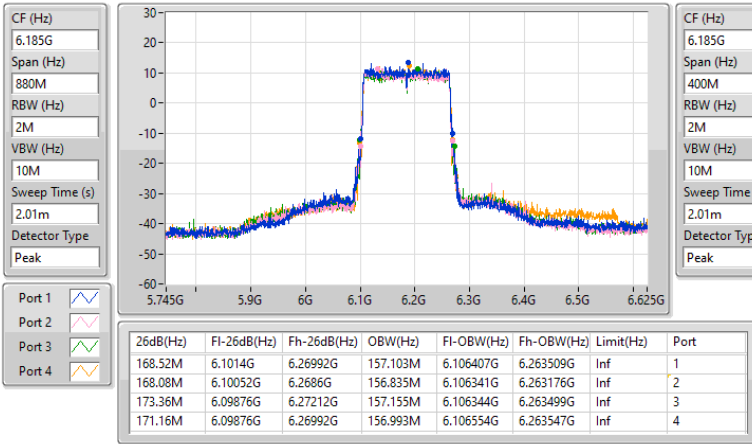


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6185MHz

17/03/2025

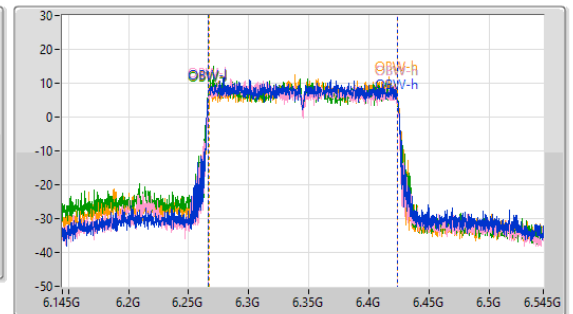
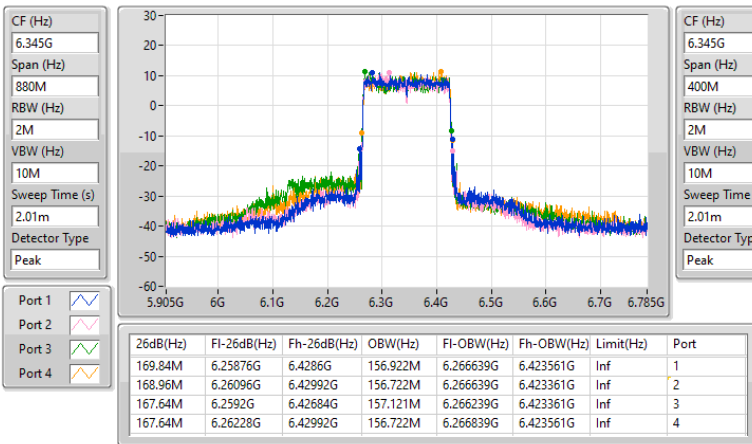


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6345MHz

22/01/2025

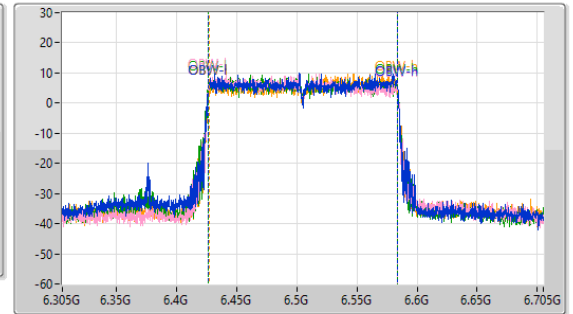
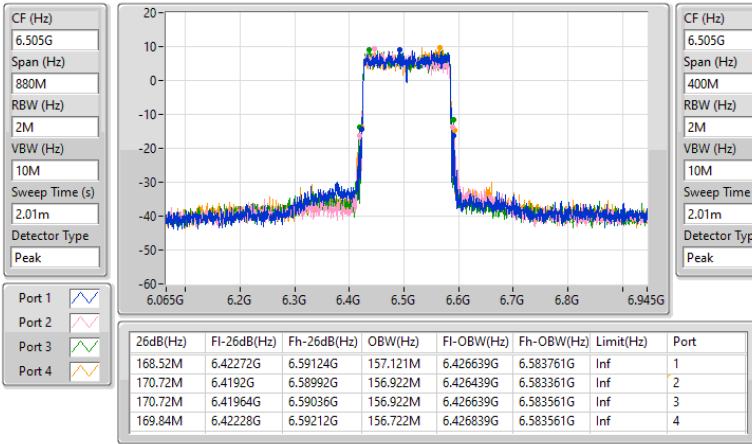


6.425-6.525GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6505MHz

22/01/2025

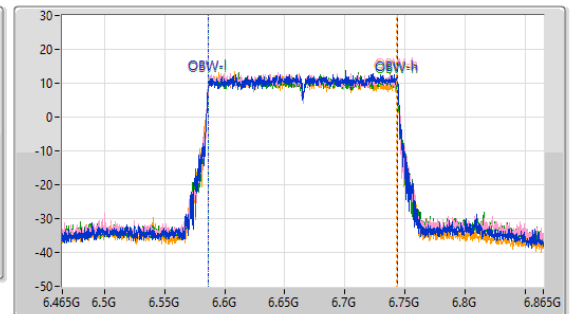
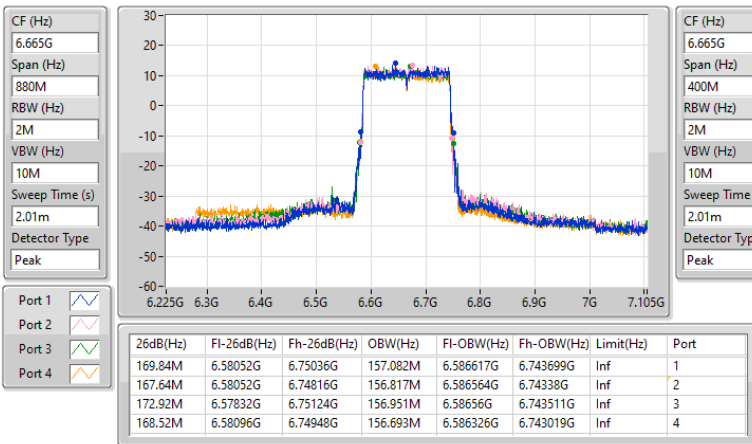


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6665MHz

17/03/2025

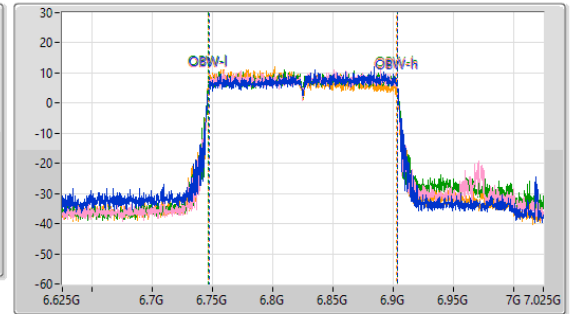
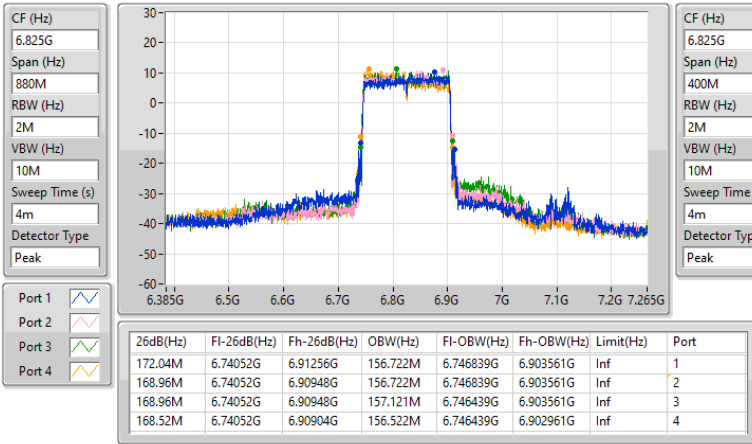


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6825MHz

22/01/2025

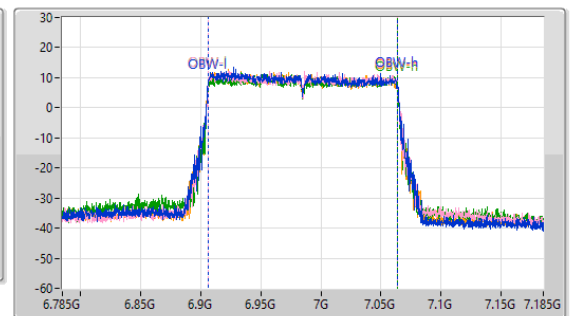
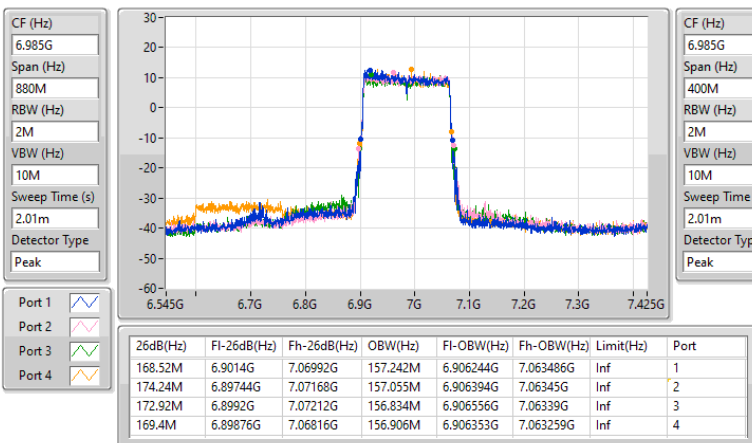


6.875-7.125GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6985MHz

17/03/2025

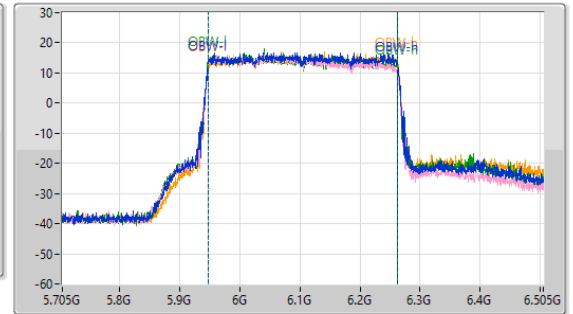
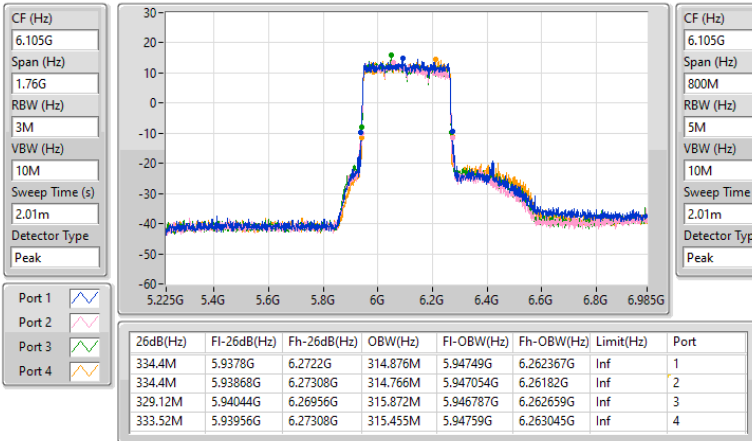


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6105MHz

17/03/2025

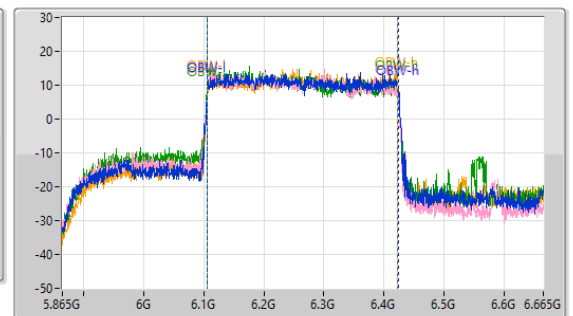
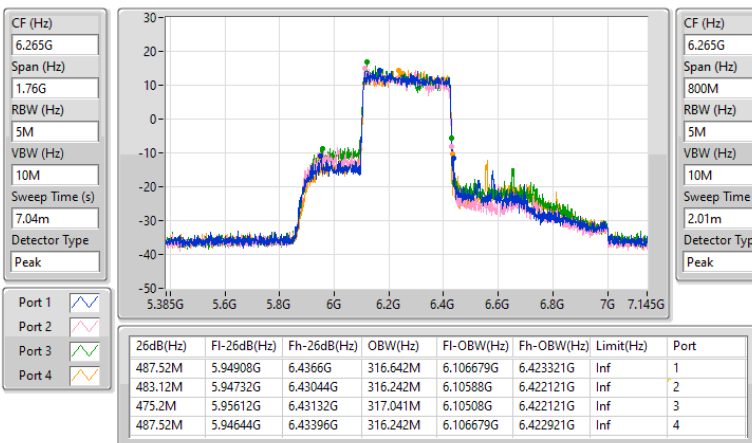


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

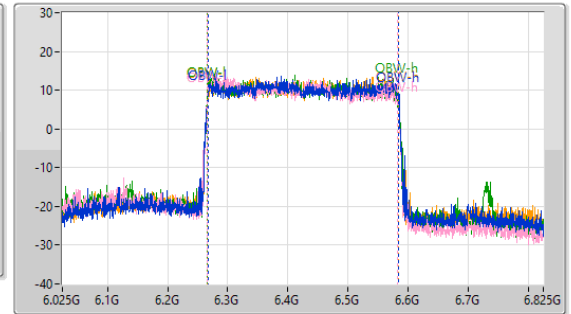
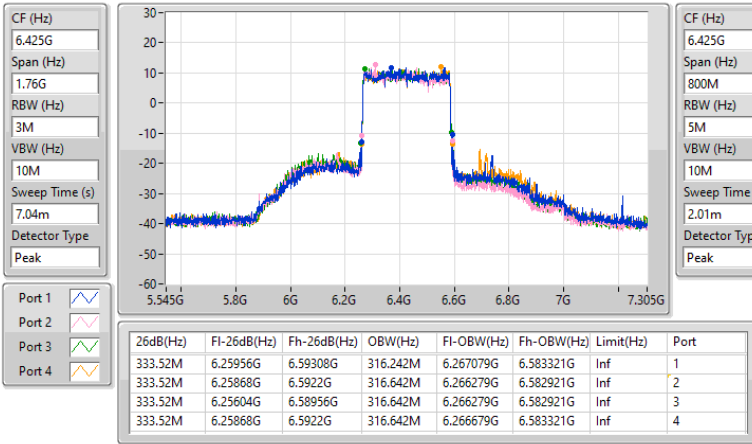
6265MHz

22/01/2025

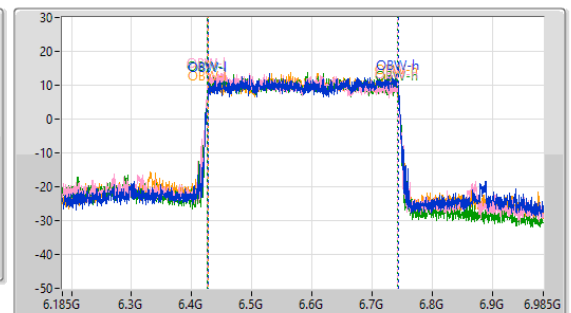
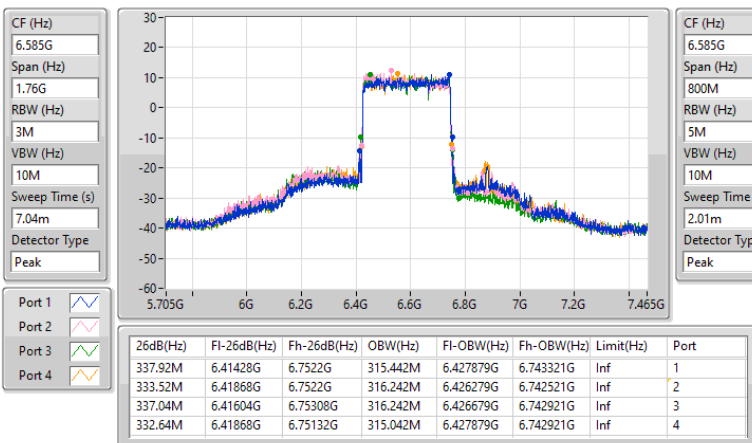


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX
EBW
6425MHz

22/01/2025


6.425-6.525GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX
EBW
6585MHz

22/01/2025

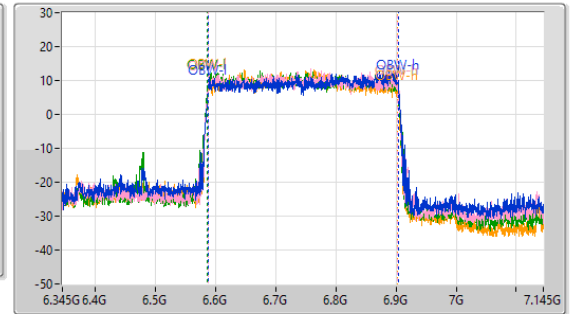
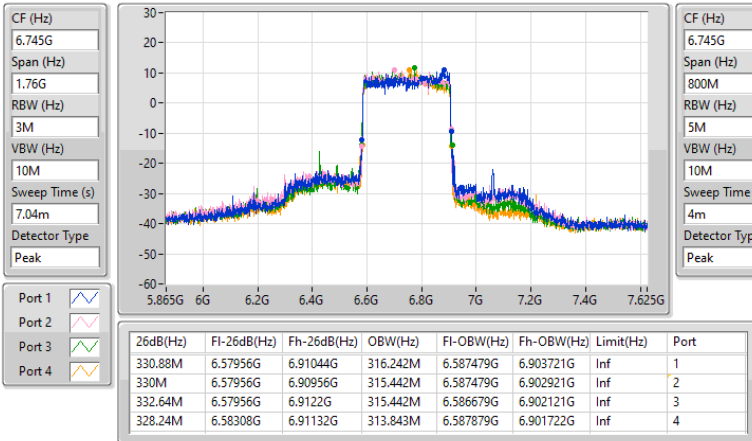


6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6745MHz

22/01/2025

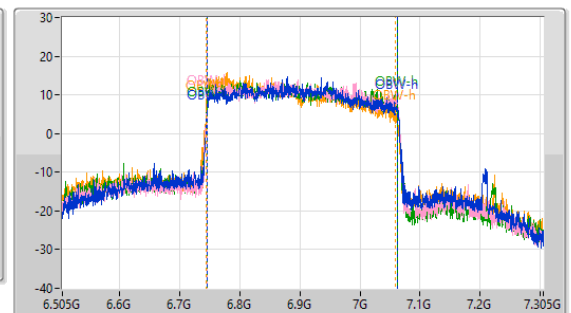
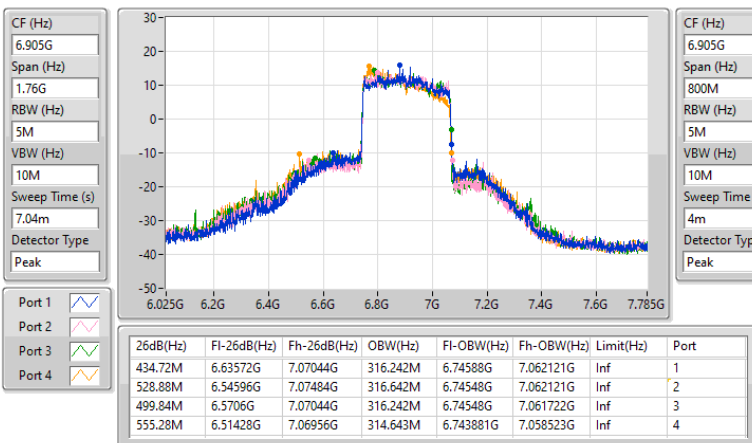


6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6905MHz

22/01/2025



Summary

Mode	EIRP	EIRP
	(dBm)	(W)
5.925-6.425GHz	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	15.20	0.03311
802.11be EHT20-BF_Nss1,(MCS0)_4TX	16.80	0.04786
802.11be EHT40_Nss1,(MCS0)_4TX	16.78	0.04764
802.11be EHT40-BF_Nss1,(MCS0)_4TX	19.95	0.09886
802.11be EHT80_Nss1,(MCS0)_4TX	20.62	0.11535
802.11be EHT80-BF_Nss1,(MCS0)_4TX	22.65	0.18408
802.11be EHT160_Nss1,(MCS0)_4TX	22.31	0.17022
802.11be EHT160-BF_Nss1,(MCS0)_4TX	26.23	0.41976
802.11be EHT320_Nss1,(MCS0)_4TX	24.60	0.28840
802.11be EHT320-BF_Nss1,(MCS0)_4TX	28.08	0.64269
6.425-6.525GHz	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	13.62	0.02301
802.11be EHT20-BF_Nss1,(MCS0)_4TX	16.98	0.04989
802.11be EHT40_Nss1,(MCS0)_4TX	17.78	0.05998
802.11be EHT40-BF_Nss1,(MCS0)_4TX	19.84	0.09638
802.11be EHT80_Nss1,(MCS0)_4TX	20.42	0.11015
802.11be EHT80-BF_Nss1,(MCS0)_4TX	22.57	0.18072
802.11be EHT160_Nss1,(MCS0)_4TX	22.47	0.17660
802.11be EHT160-BF_Nss1,(MCS0)_4TX	24.74	0.29785
802.11be EHT320_Nss1,(MCS0)_4TX	24.88	0.30761
802.11be EHT320-BF_Nss1,(MCS0)_4TX	27.45	0.55590
6.525-6.875GHz	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	15.14	0.03266
802.11be EHT20-BF_Nss1,(MCS0)_4TX	16.13	0.04102
802.11be EHT40_Nss1,(MCS0)_4TX	18.03	0.06353
802.11be EHT40-BF_Nss1,(MCS0)_4TX	19.64	0.09204
802.11be EHT80_Nss1,(MCS0)_4TX	20.56	0.11376
802.11be EHT80-BF_Nss1,(MCS0)_4TX	22.08	0.16144
802.11be EHT160_Nss1,(MCS0)_4TX	23.61	0.22961
802.11be EHT160-BF_Nss1,(MCS0)_4TX	26.11	0.40832
802.11be EHT320_Nss1,(MCS0)_4TX	24.16	0.26062
802.11be EHT320-BF_Nss1,(MCS0)_4TX	26.96	0.49659
6.875-7.125GHz	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	13.80	0.02399
802.11be EHT20-BF_Nss1,(MCS0)_4TX	16.62	0.04592
802.11be EHT40_Nss1,(MCS0)_4TX	17.49	0.05610
802.11be EHT40-BF_Nss1,(MCS0)_4TX	19.93	0.09840
802.11be EHT80_Nss1,(MCS0)_4TX	18.52	0.07112
802.11be EHT80-BF_Nss1,(MCS0)_4TX	21.92	0.15560
802.11be EHT160_Nss1,(MCS0)_4TX	21.42	0.13868
802.11be EHT160-BF_Nss1,(MCS0)_4TX	25.02	0.31769

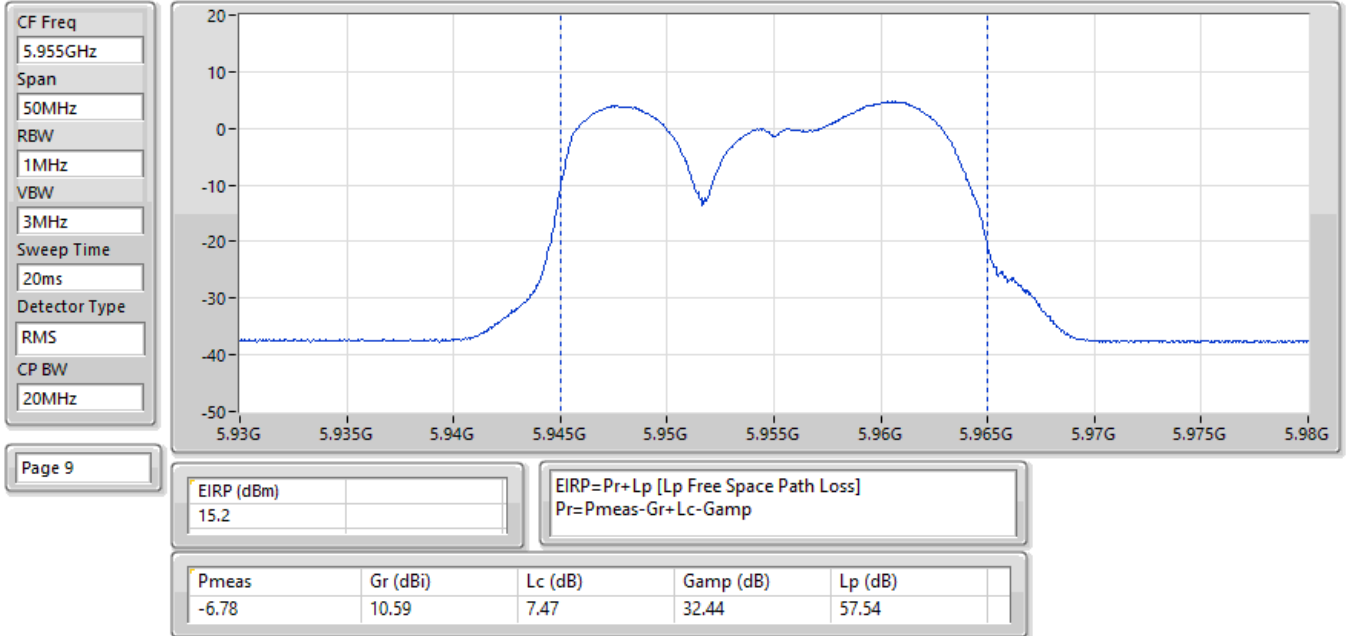
Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	15.20	30.00
6195MHz	Pass	13.85	30.00
6415MHz	Pass	14.70	30.00
6435MHz	Pass	13.55	30.00
6475MHz	Pass	13.49	30.00
6515MHz	Pass	13.62	30.00
6535MHz	Pass	15.14	30.00
6695MHz	Pass	14.60	30.00
6875MHz	Pass	14.26	30.00
6895MHz	Pass	13.28	30.00
6995MHz	Pass	13.80	30.00
7095MHz	Pass	13.18	30.00
7115MHz	Pass	10.46	30.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	16.78	30.00
6205MHz	Pass	16.36	30.00
6405MHz	Pass	15.92	30.00
6445MHz	Pass	15.88	30.00
6485MHz	Pass	17.11	30.00
6525MHz	Pass	17.78	30.00
6565MHz	Pass	17.74	30.00
6685MHz	Pass	18.03	30.00
6885MHz	Pass	17.60	30.00
6925MHz	Pass	17.37	30.00
7005MHz	Pass	17.49	30.00
7085MHz	Pass	16.27	30.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	20.62	30.00
6225MHz	Pass	17.90	30.00
6385MHz	Pass	17.75	30.00
6465MHz	Pass	20.15	30.00
6545MHz	Pass	20.42	30.00
6625MHz	Pass	19.13	30.00
6705MHz	Pass	20.56	30.00
6785MHz	Pass	17.26	30.00
6865MHz	Pass	19.91	30.00
6945MHz	Pass	18.08	30.00
7025MHz	Pass	18.52	30.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	22.20	30.00
6185MHz	Pass	22.31	30.00
6345MHz	Pass	20.71	30.00
6505MHz	Pass	22.47	30.00
6665MHz	Pass	23.61	30.00
6825MHz	Pass	21.77	30.00
6985MHz	Pass	21.42	30.00
802.11be EHT320_Nss1,(MCS0)_4TX	-	-	-
6105MHz	Pass	24.12	30.00
6265MHz	Pass	24.06	30.00
6425MHz	Pass	24.60	30.00
6585MHz	Pass	24.88	30.00
6745MHz	Pass	24.16	30.00
6905MHz	Pass	23.36	30.00
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-

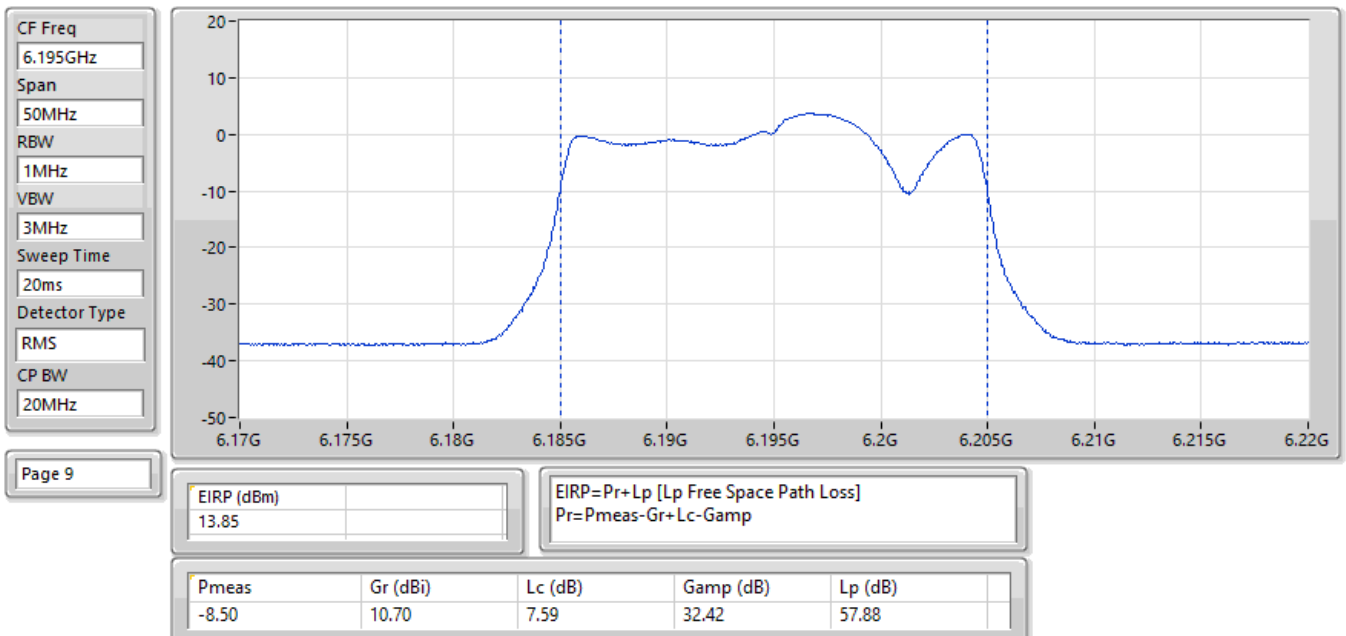
5955MHz	Pass	16.80	30.00
6195MHz	Pass	15.34	30.00
6415MHz	Pass	15.40	30.00
6435MHz	Pass	16.96	30.00
6475MHz	Pass	15.12	30.00
6515MHz	Pass	16.98	30.00
6535MHz	Pass	15.98	30.00
6695MHz	Pass	16.13	30.00
6875MHz	Pass	15.02	30.00
6895MHz	Pass	15.22	30.00
6995MHz	Pass	16.62	30.00
7095MHz	Pass	16.37	30.00
7115MHz	Pass	8.68	30.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	19.69	30.00
6205MHz	Pass	19.27	30.00
6405MHz	Pass	19.95	30.00
6445MHz	Pass	19.41	30.00
6485MHz	Pass	19.84	30.00
6525MHz	Pass	19.07	30.00
6565MHz	Pass	18.97	30.00
6685MHz	Pass	19.64	30.00
6885MHz	Pass	18.50	30.00
6925MHz	Pass	19.93	30.00
7005MHz	Pass	19.18	30.00
7085MHz	Pass	18.39	30.00
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	21.80	30.00
6225MHz	Pass	21.45	30.00
6385MHz	Pass	22.65	30.00
6465MHz	Pass	22.57	30.00
6545MHz	Pass	21.85	30.00
6625MHz	Pass	19.86	30.00
6705MHz	Pass	21.65	30.00
6785MHz	Pass	22.08	30.00
6865MHz	Pass	20.28	30.00
6945MHz	Pass	21.92	30.00
7025MHz	Pass	20.37	30.00
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	26.04	30.00
6185MHz	Pass	25.83	30.00
6345MHz	Pass	26.23	30.00
6505MHz	Pass	24.74	30.00
6665MHz	Pass	24.78	30.00
6825MHz	Pass	26.11	30.00
6985MHz	Pass	25.02	30.00
802.11be EHT320-BF_Nss1,(MCS0)_4TX	-	-	-
6105MHz	Pass	27.69	30.00
6265MHz	Pass	28.08	30.00
6425MHz	Pass	27.74	30.00
6585MHz	Pass	27.45	30.00
6745MHz	Pass	26.96	30.00
6905MHz	Pass	26.75	30.00

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

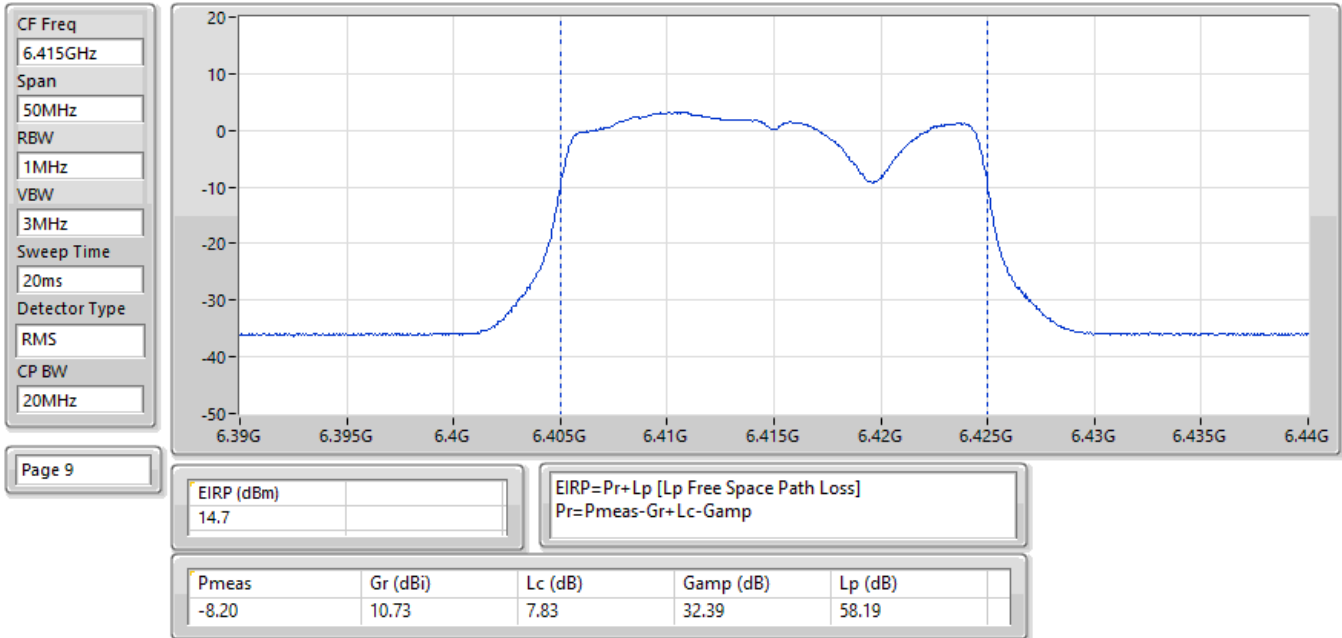
EIRP;Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5955MHz;TX



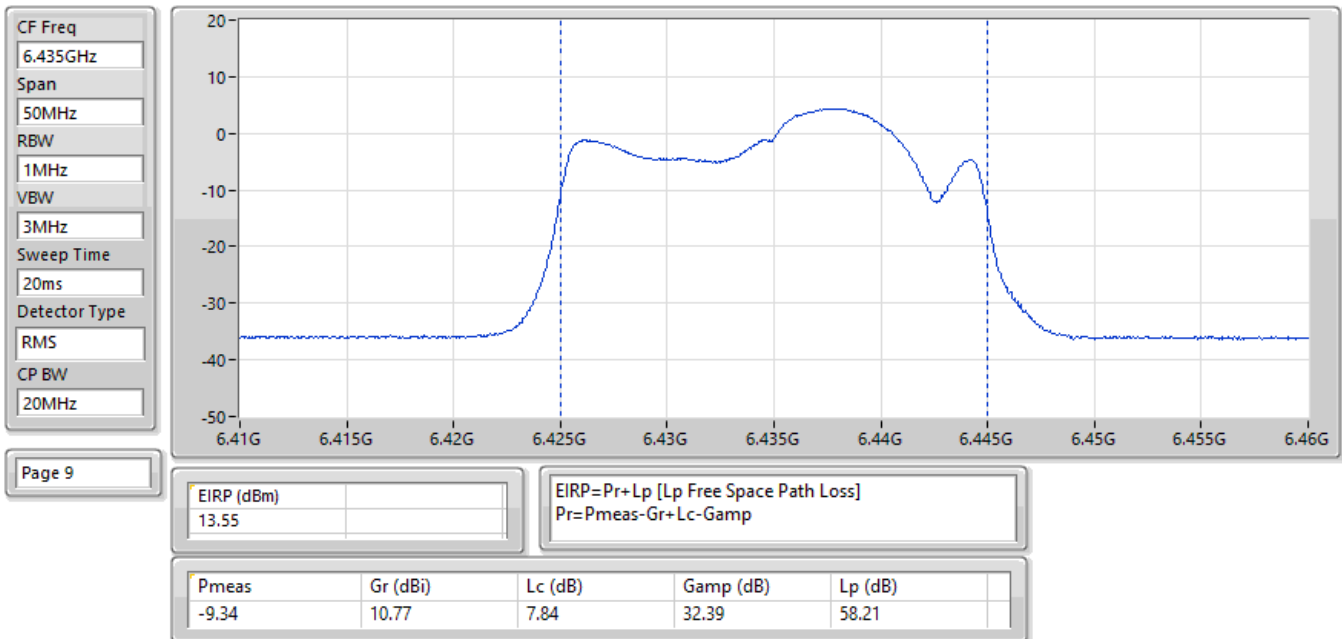
EIRP;Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6195MHz;TX



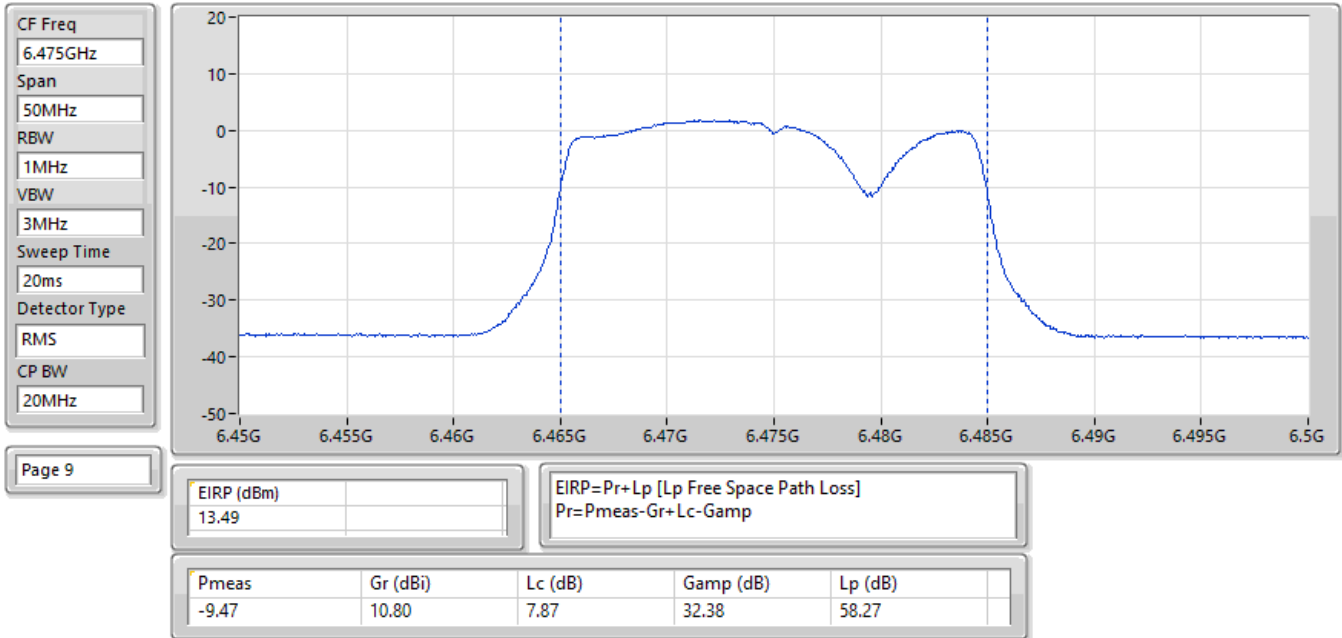
EIRP:Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6415MHz;TX



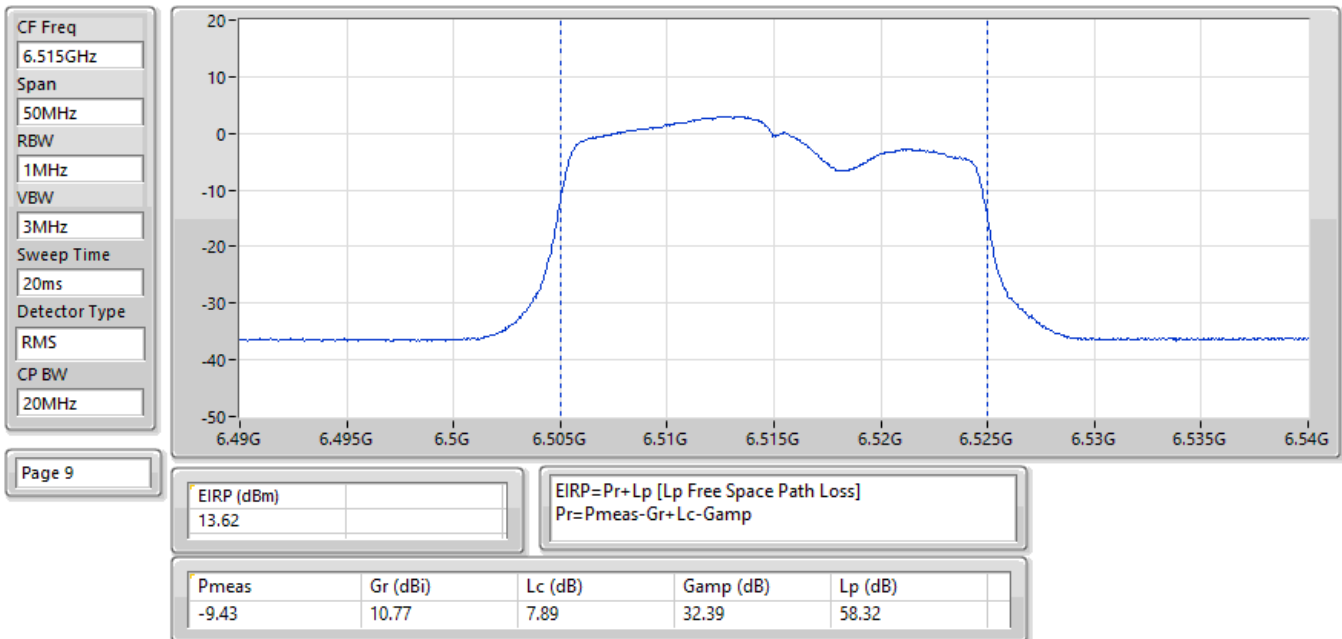
EIRP:Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6435MHz;TX



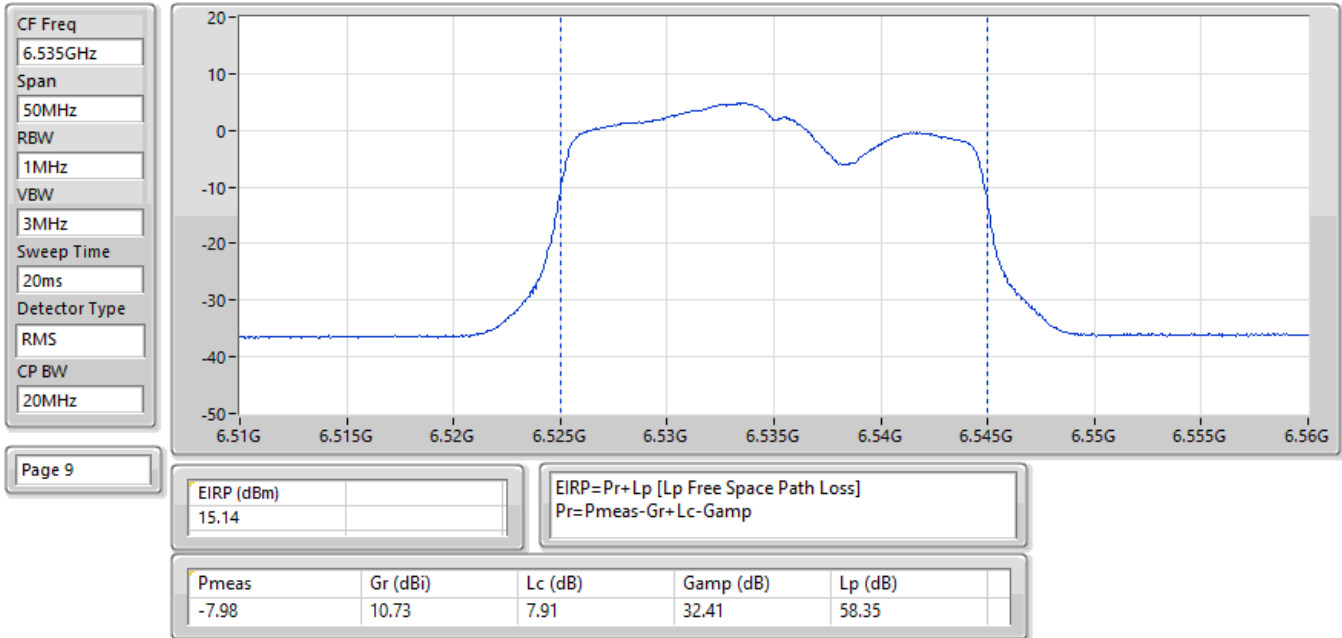
EIRP:Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6475MHz;TX



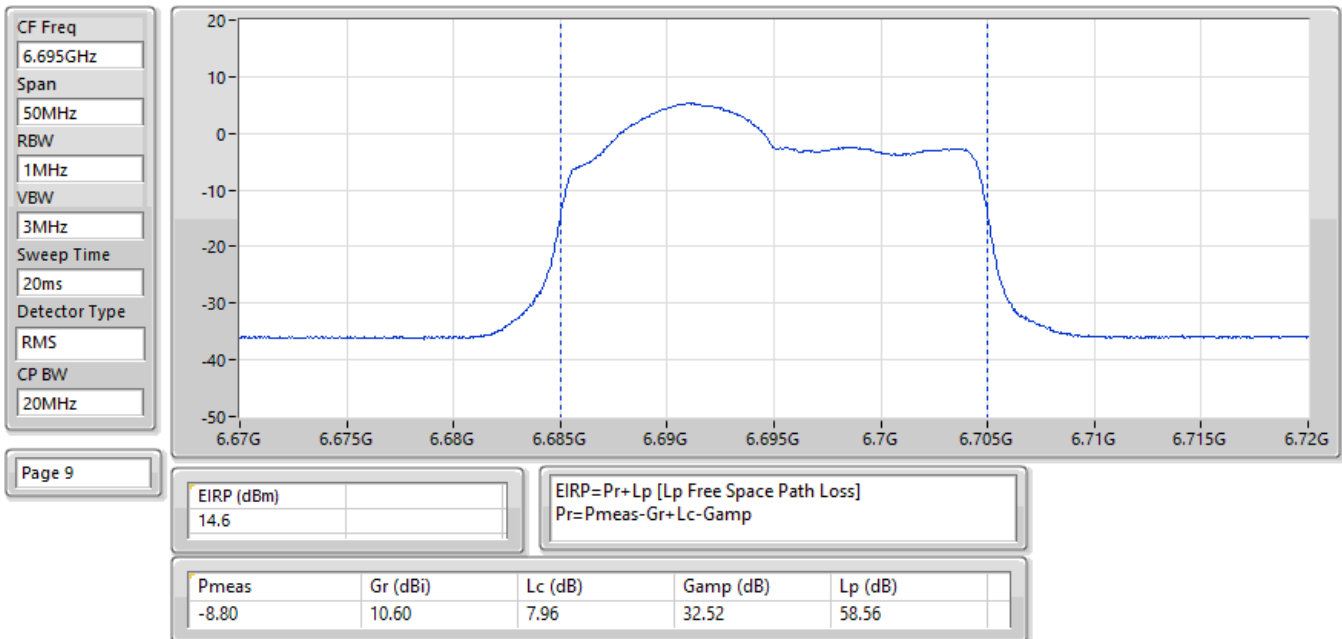
EIRP:Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6515MHz;TX



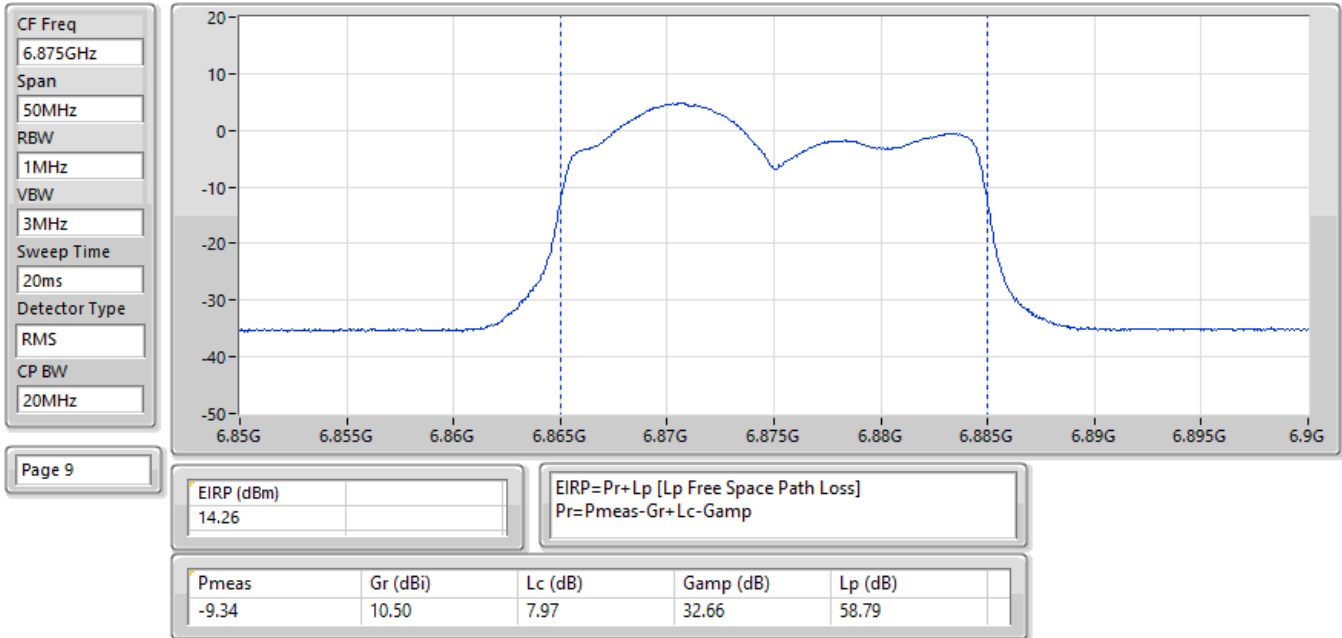
EIRP:Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6535MHz;TX



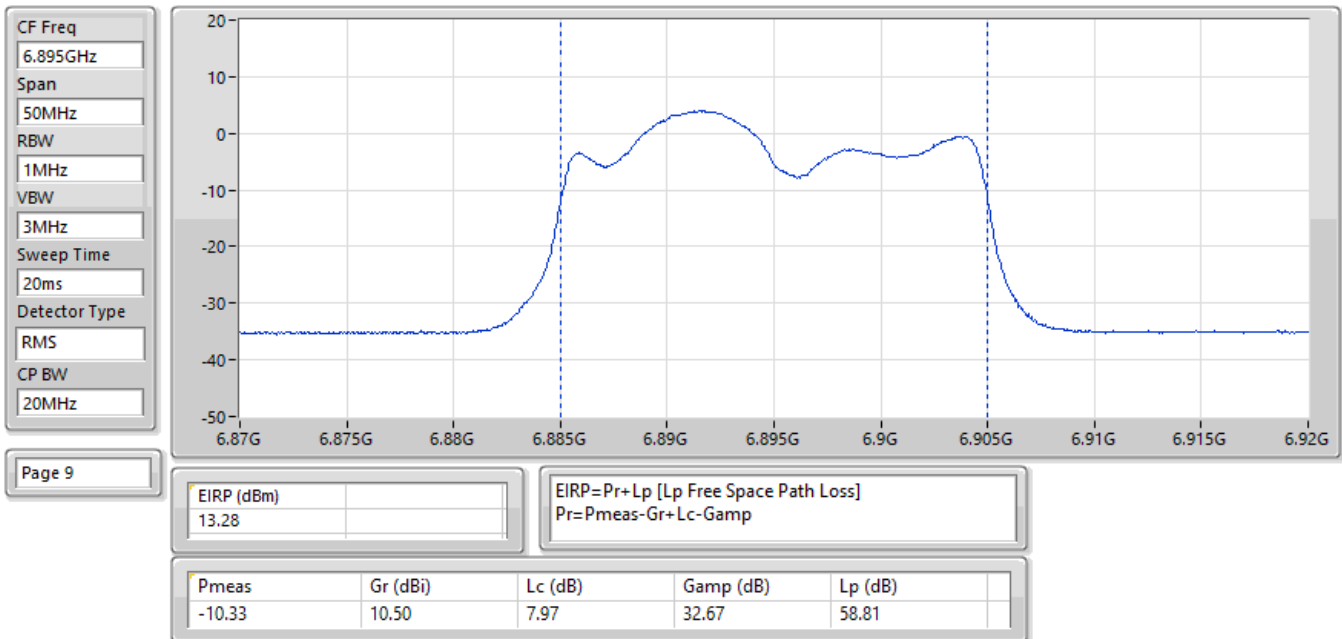
EIRP:Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6695MHz;TX



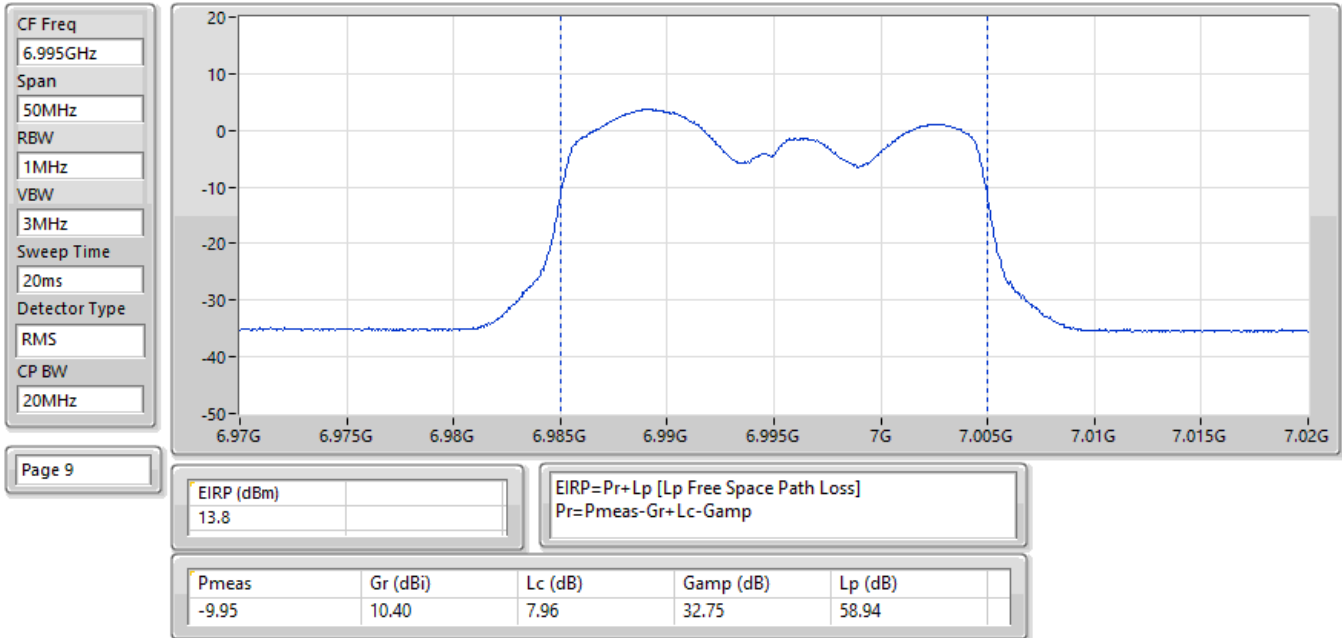
EIRP:Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6875MHz;TX



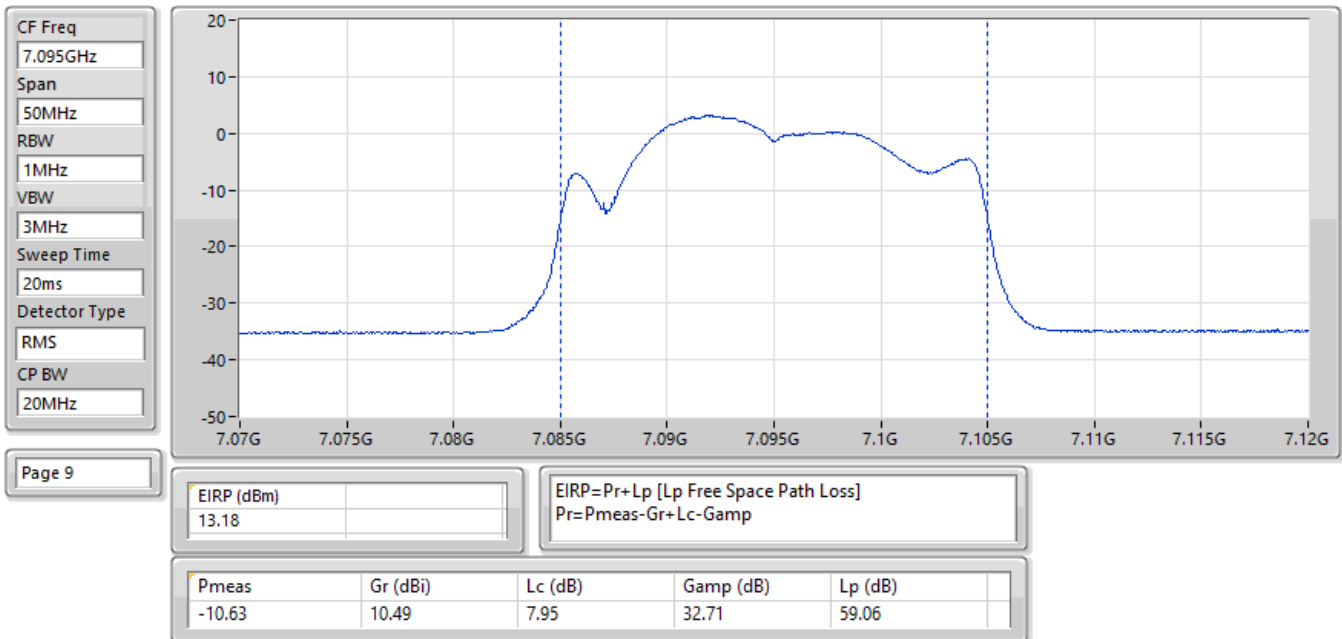
EIRP:Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6895MHz;TX



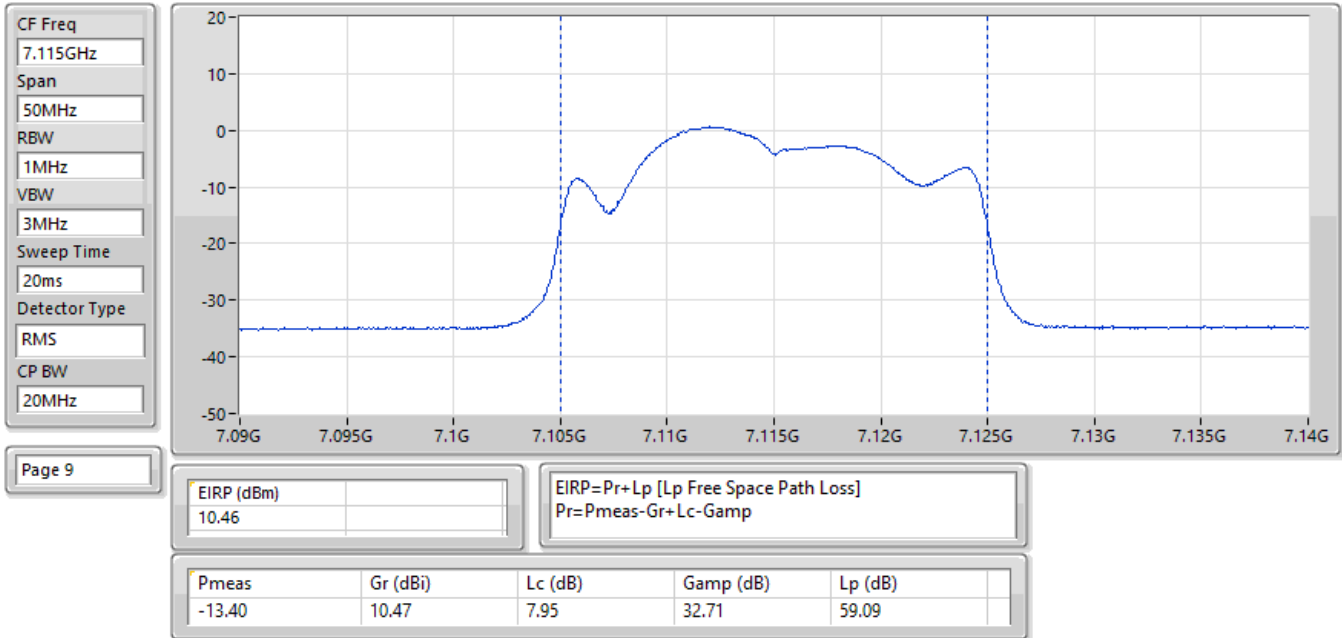
EIRP:Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6995MHz;TX



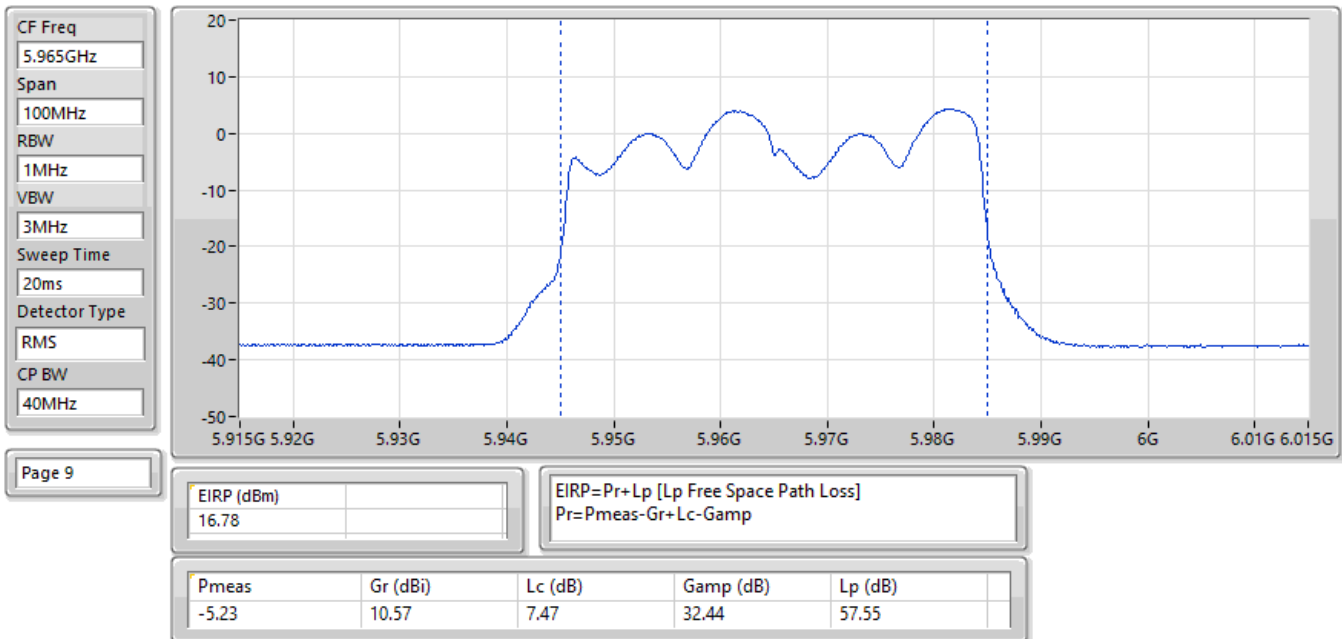
EIRP:Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7095MHz;TX



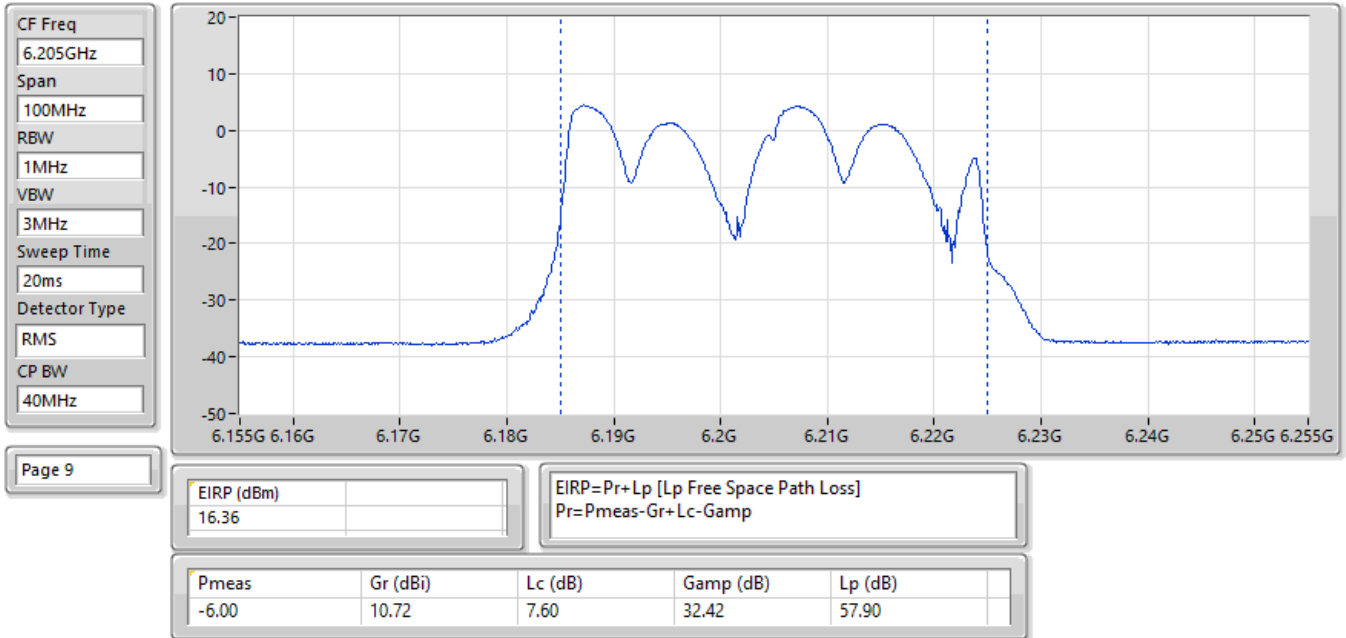
EIRP:Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7115MHz;TX



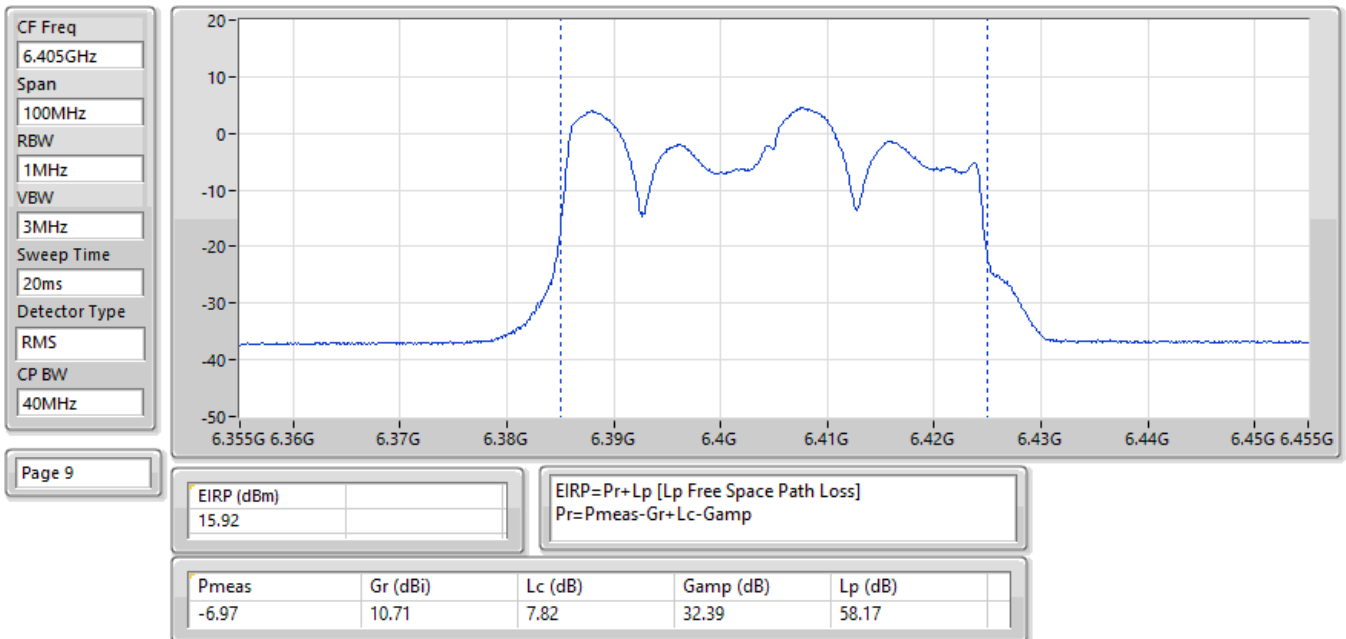
EIRP:Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5965MHz;TX



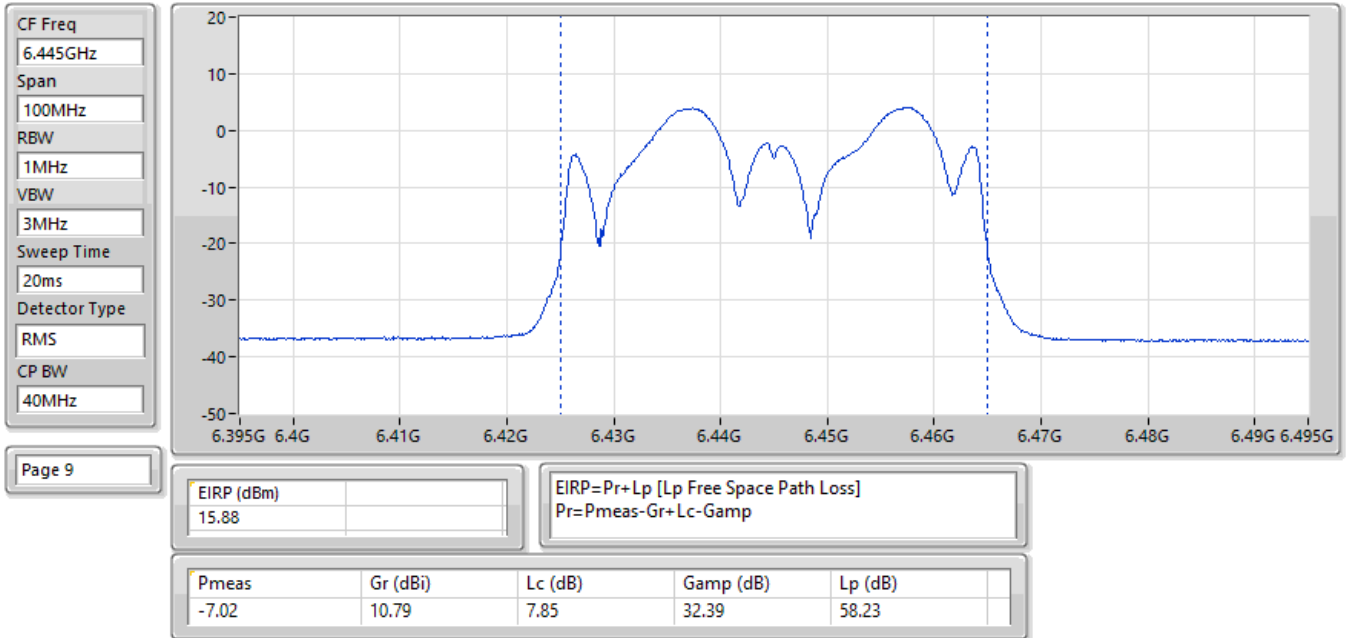
EIRP:Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6205MHz;TX



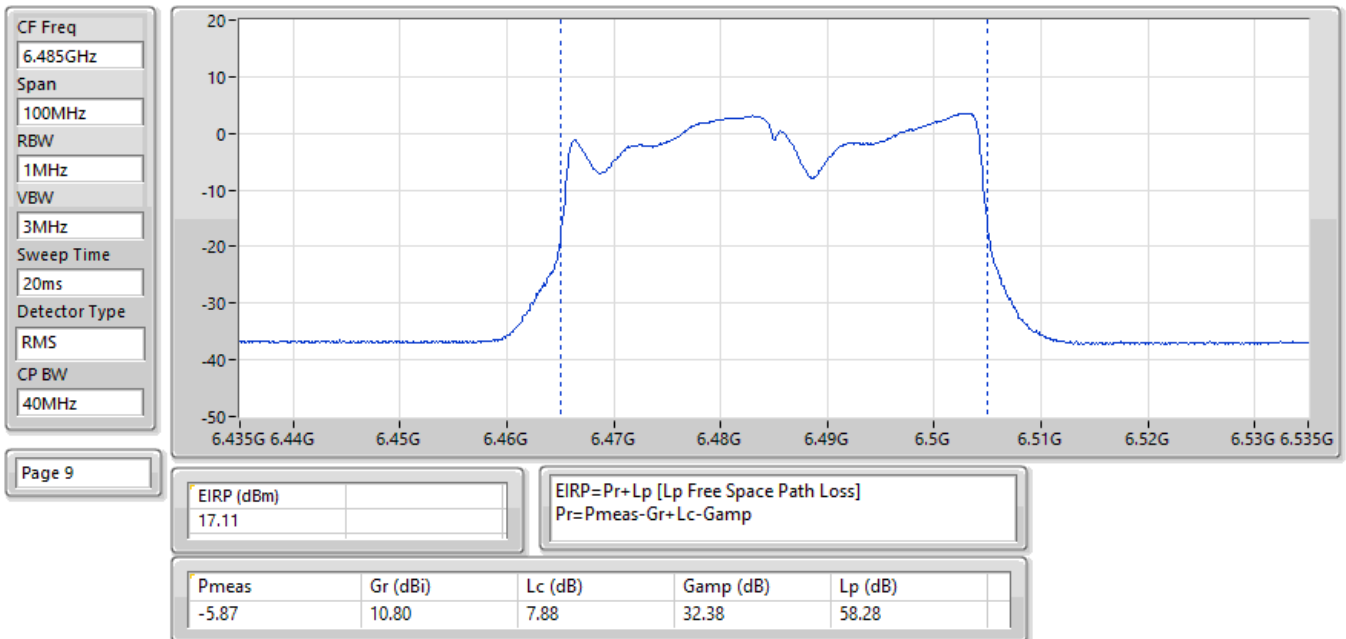
EIRP:Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6405MHz;TX



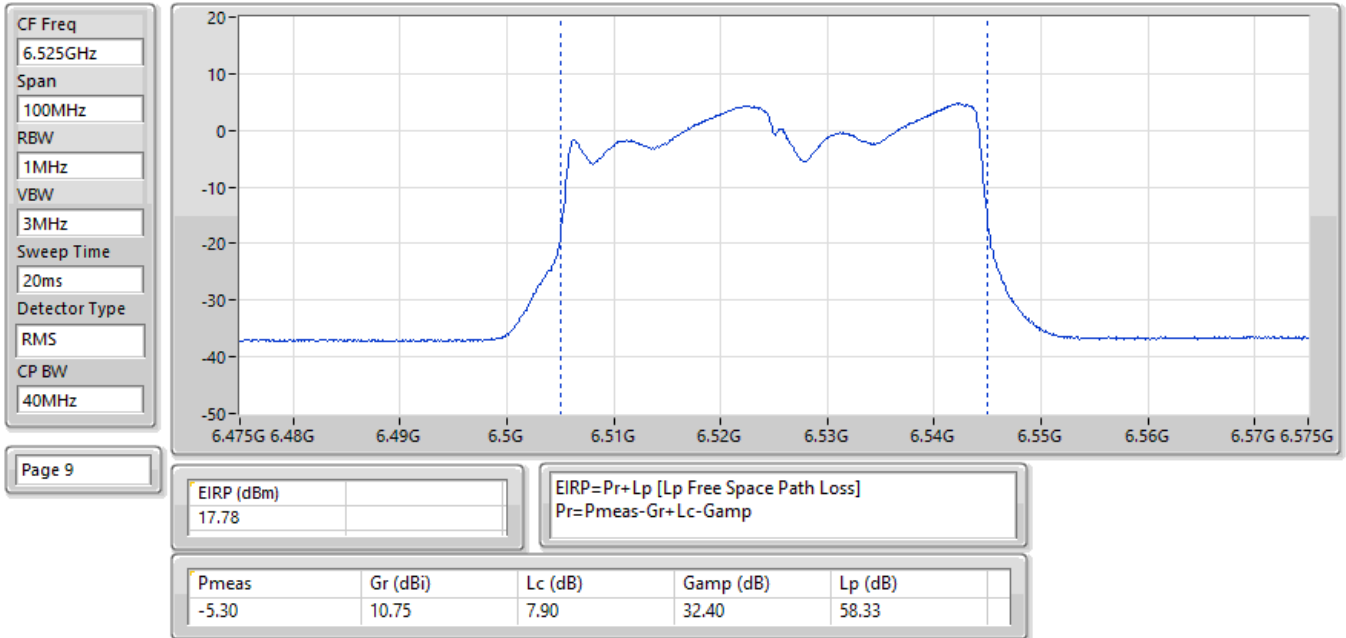
EIRP:Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6445MHz;TX



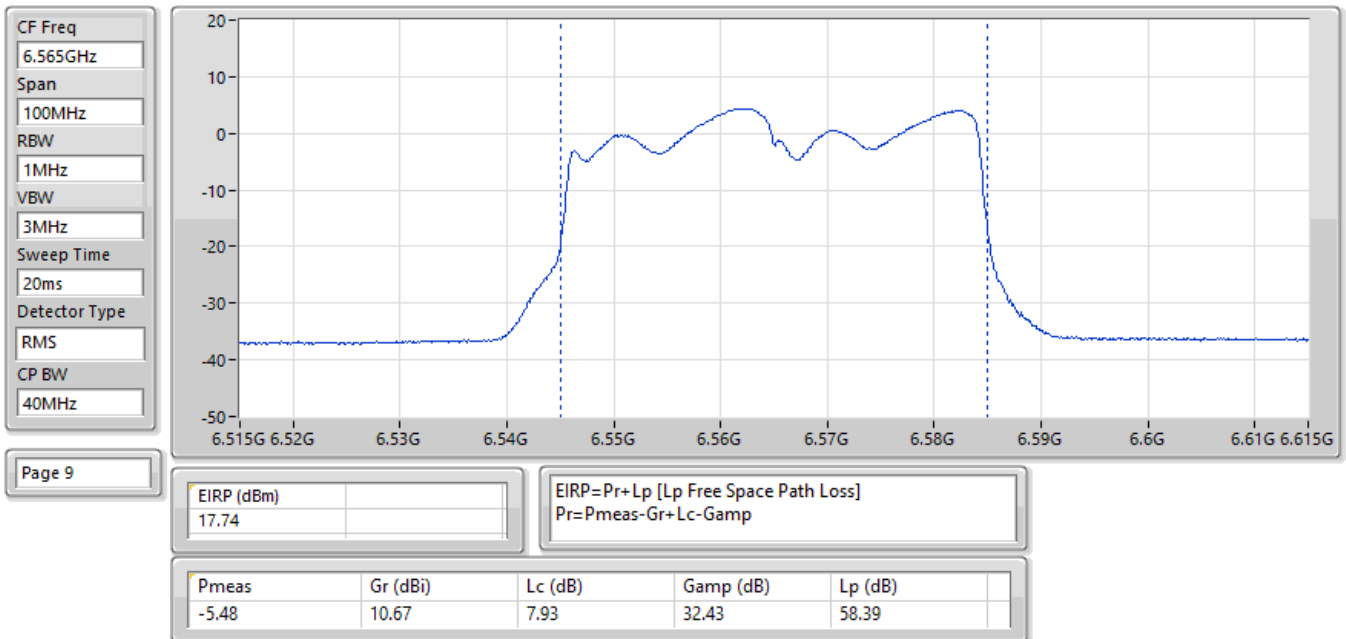
EIRP:Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6485MHz;TX



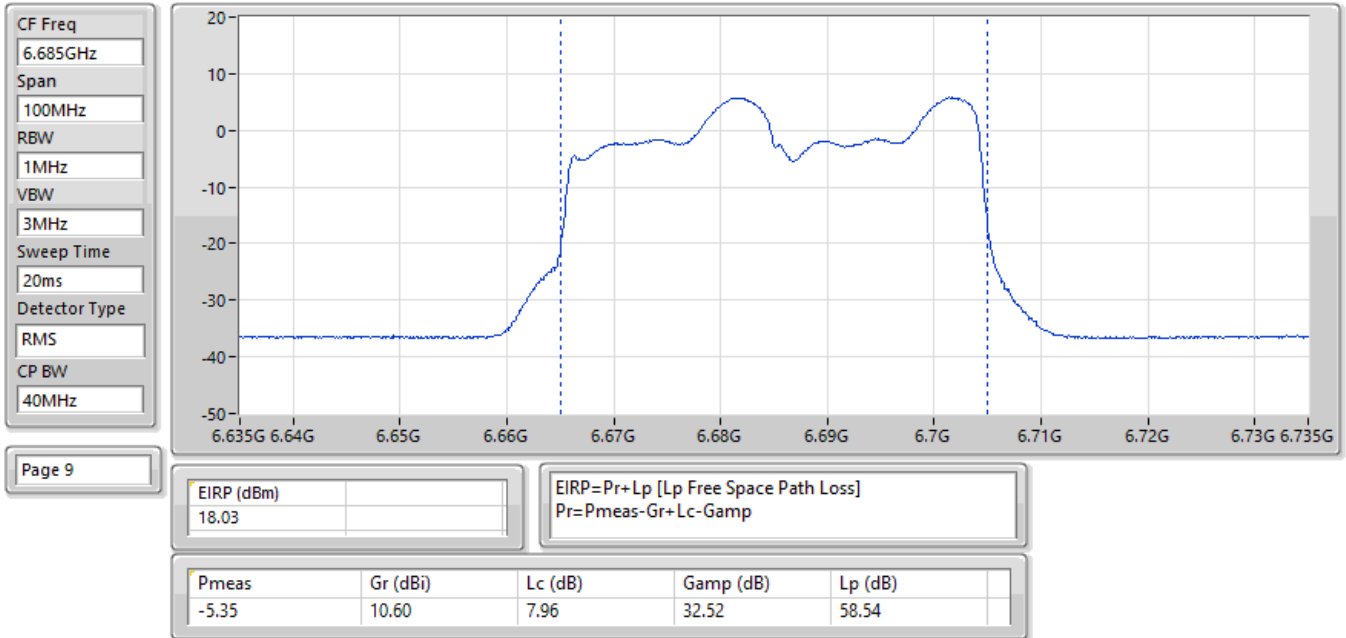
EIRP:Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6525MHz;TX



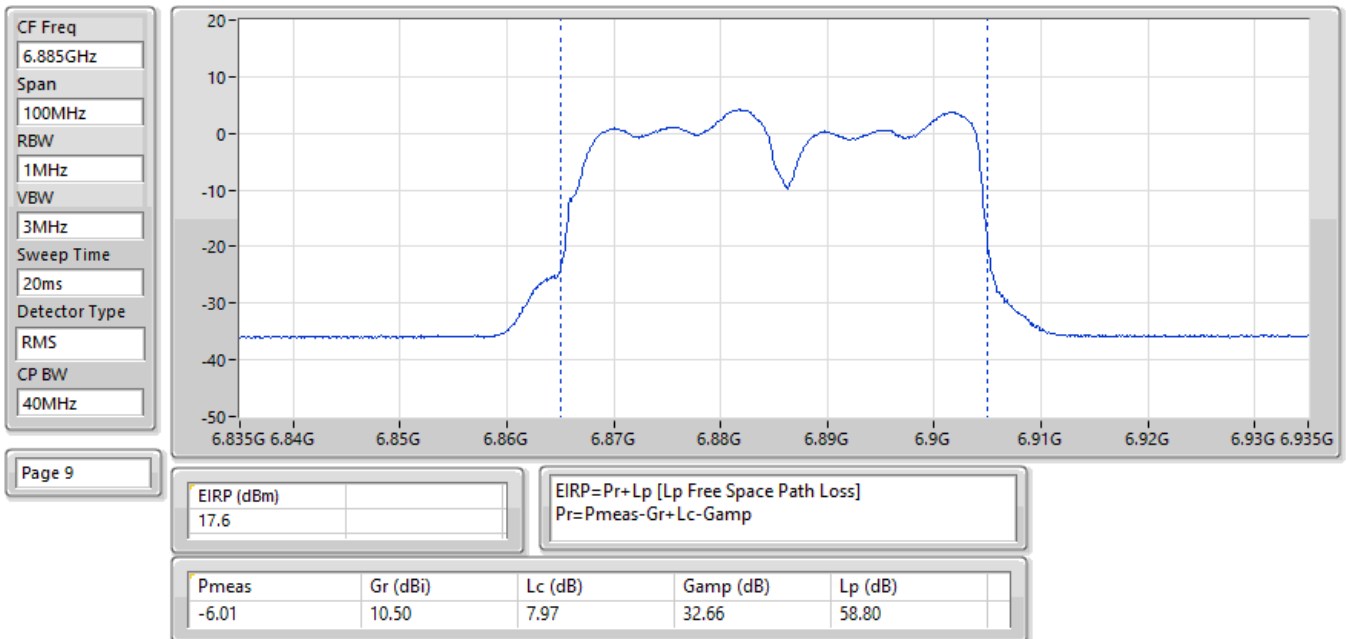
EIRP:Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6565MHz;TX



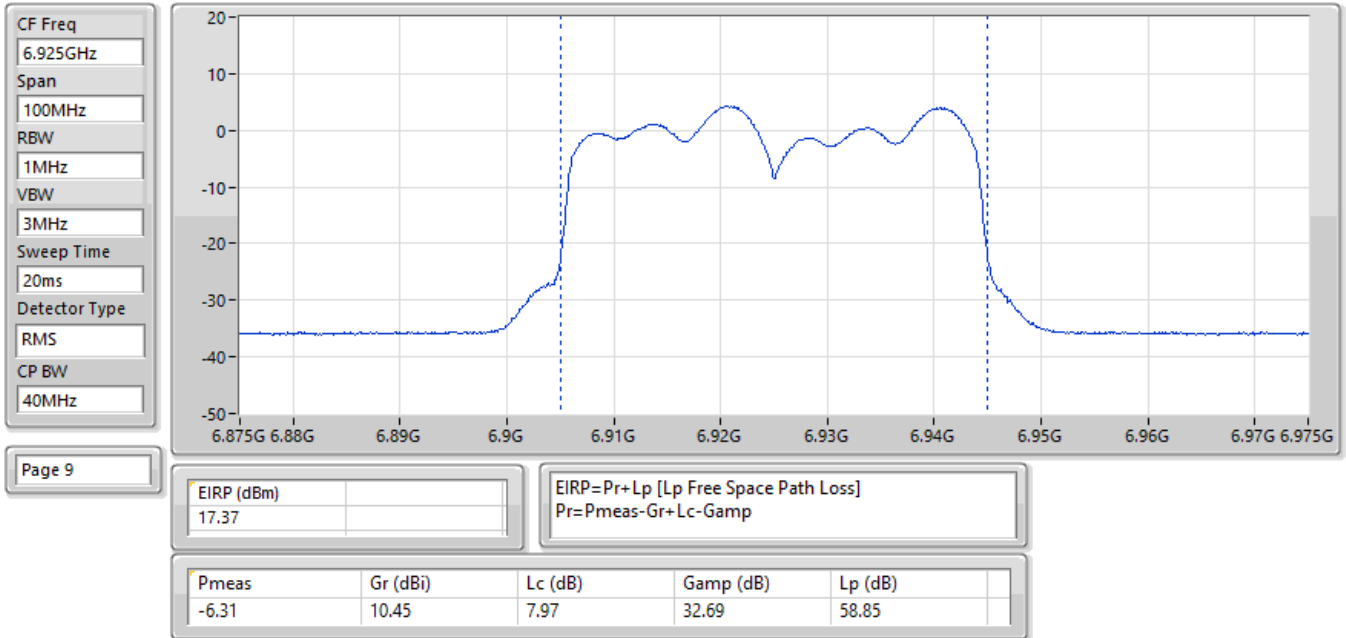
EIRP:Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6685MHz;TX



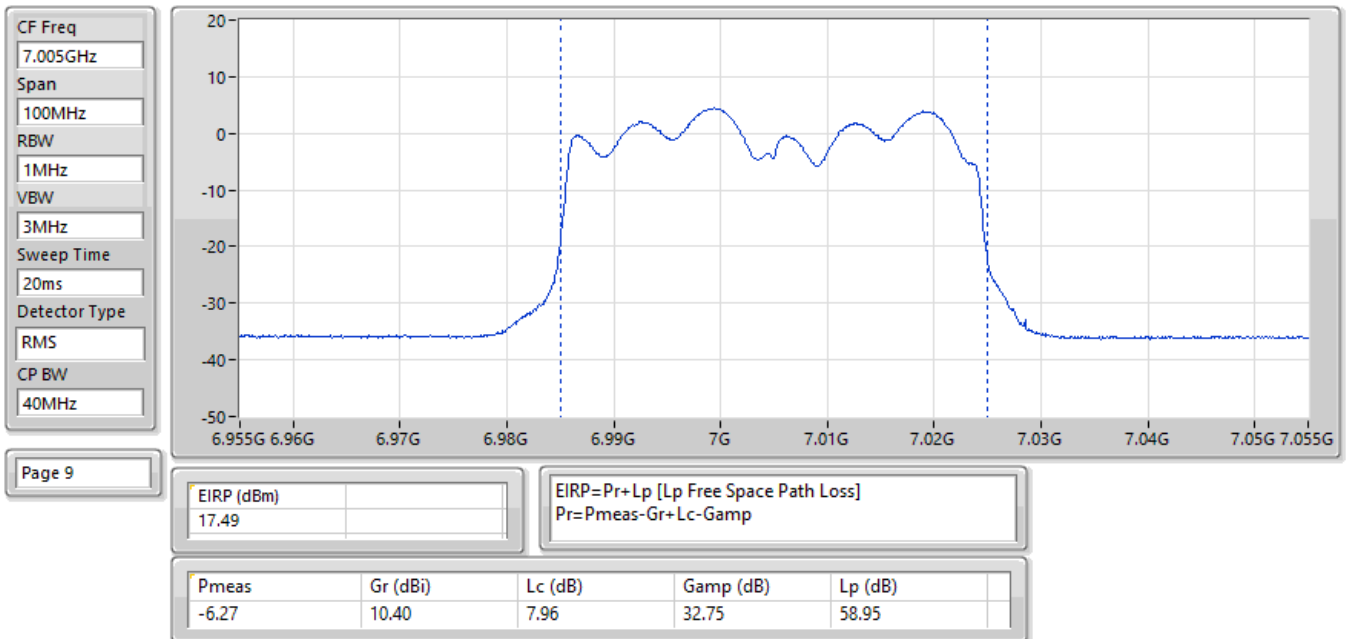
EIRP:Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6885MHz;TX



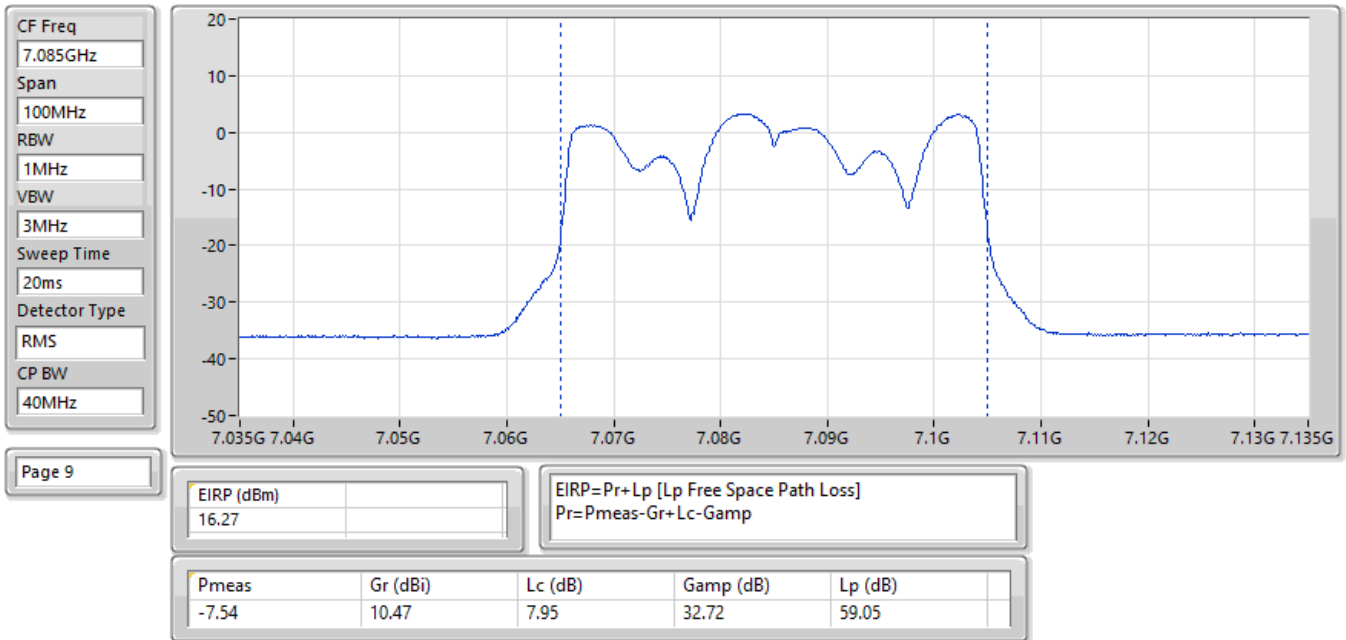
EIRP:Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6925MHz;TX



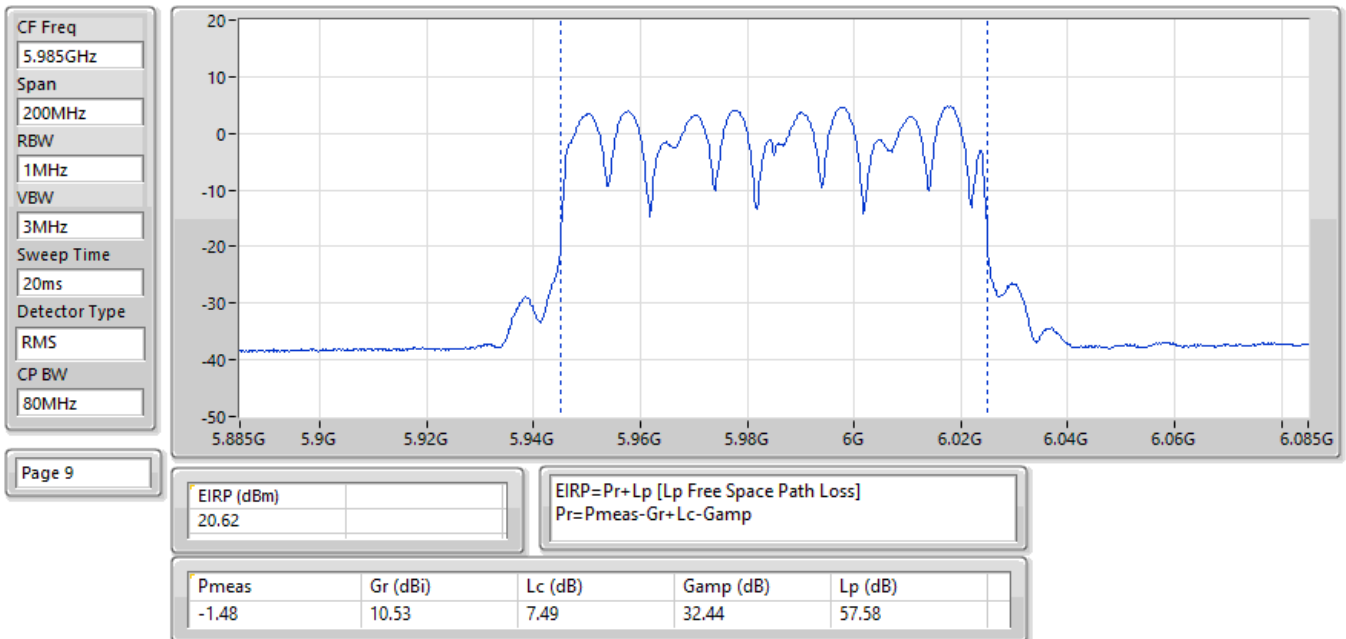
EIRP:Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7005MHz;TX



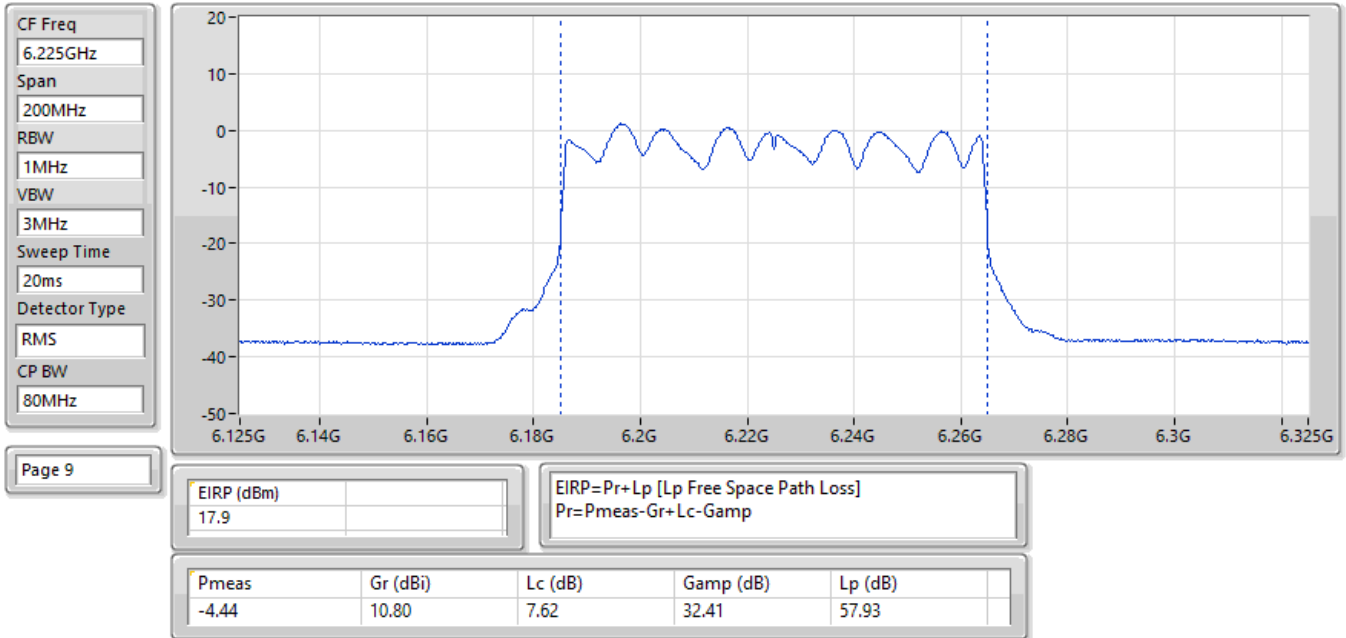
EIRP:Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7085MHz;TX



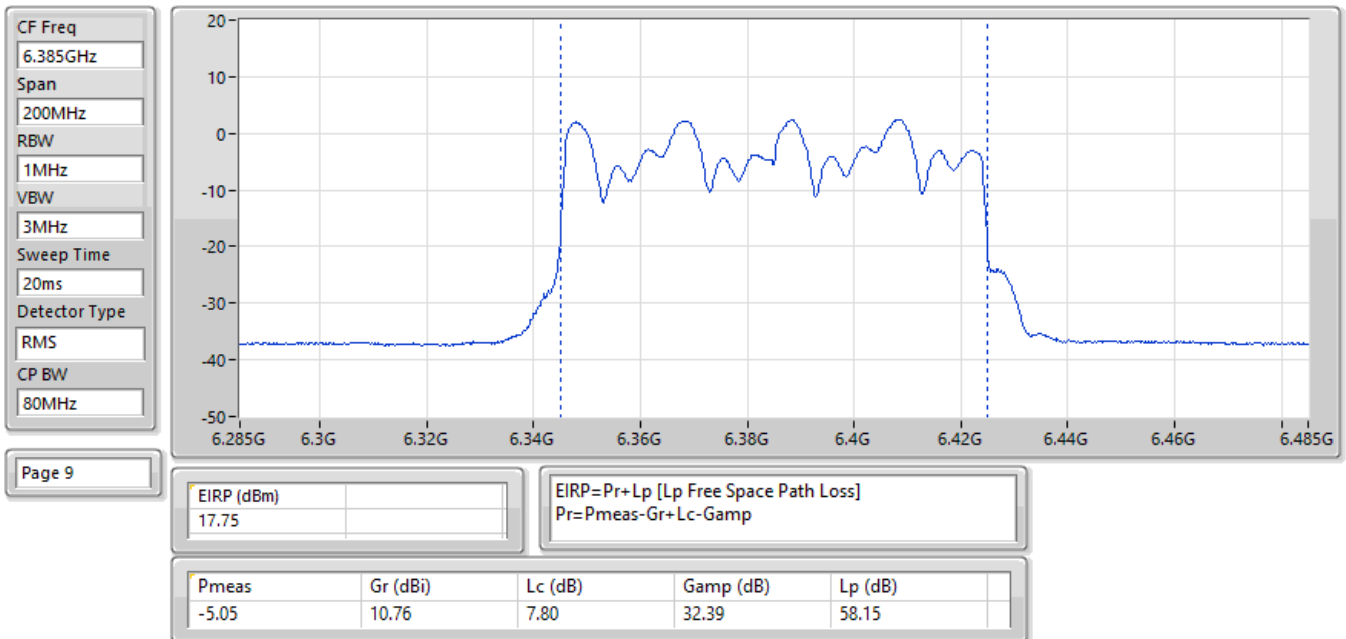
EIRP:Band:6.2G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:5985MHz;TX



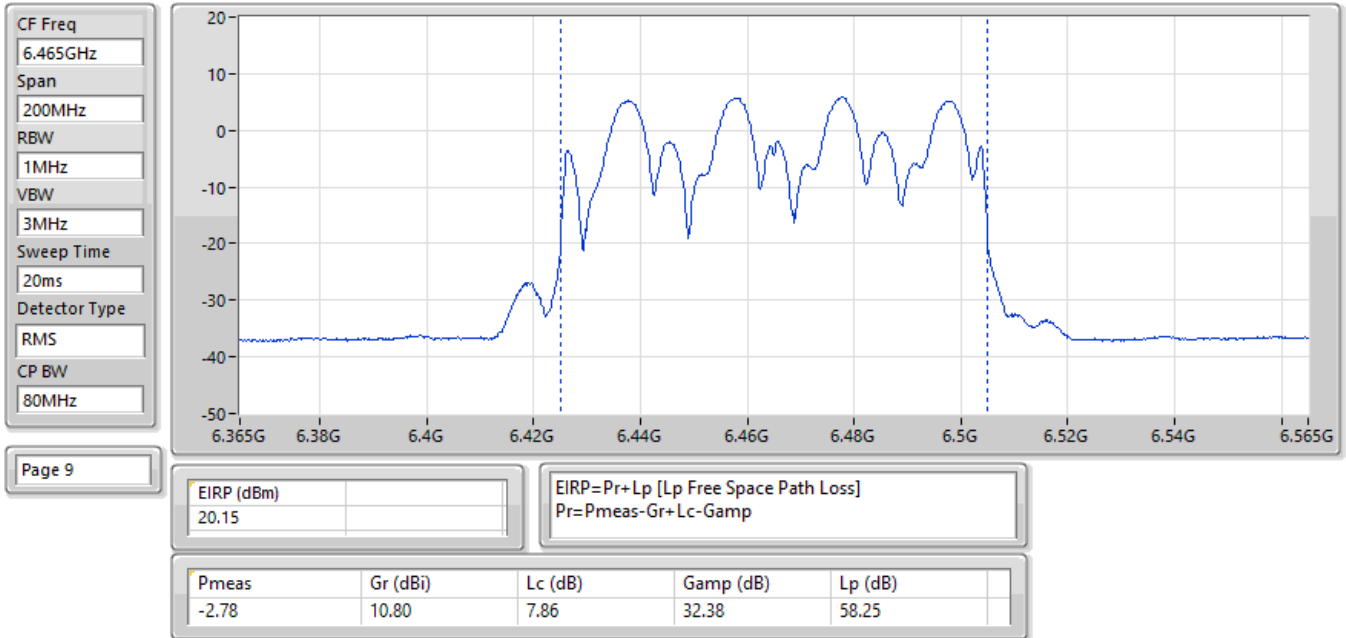
EIRP:Band:6.2G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6225MHz;TX



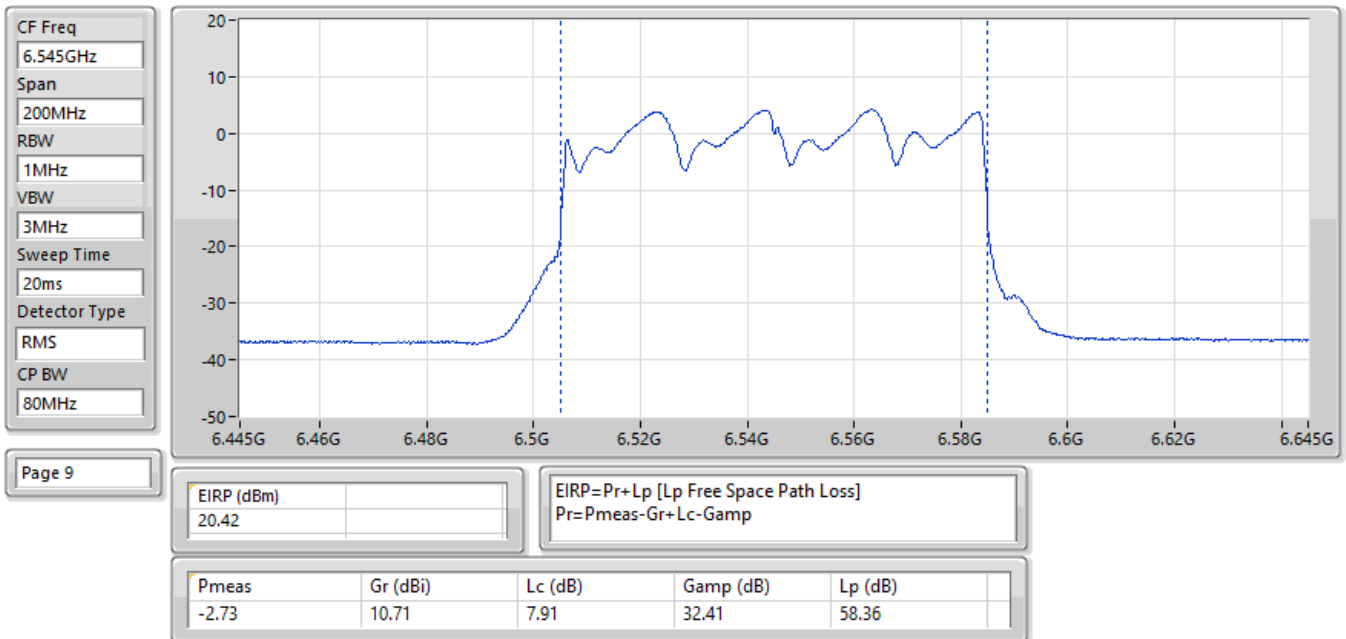
EIRP:Band:6.2G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6385MHz;TX



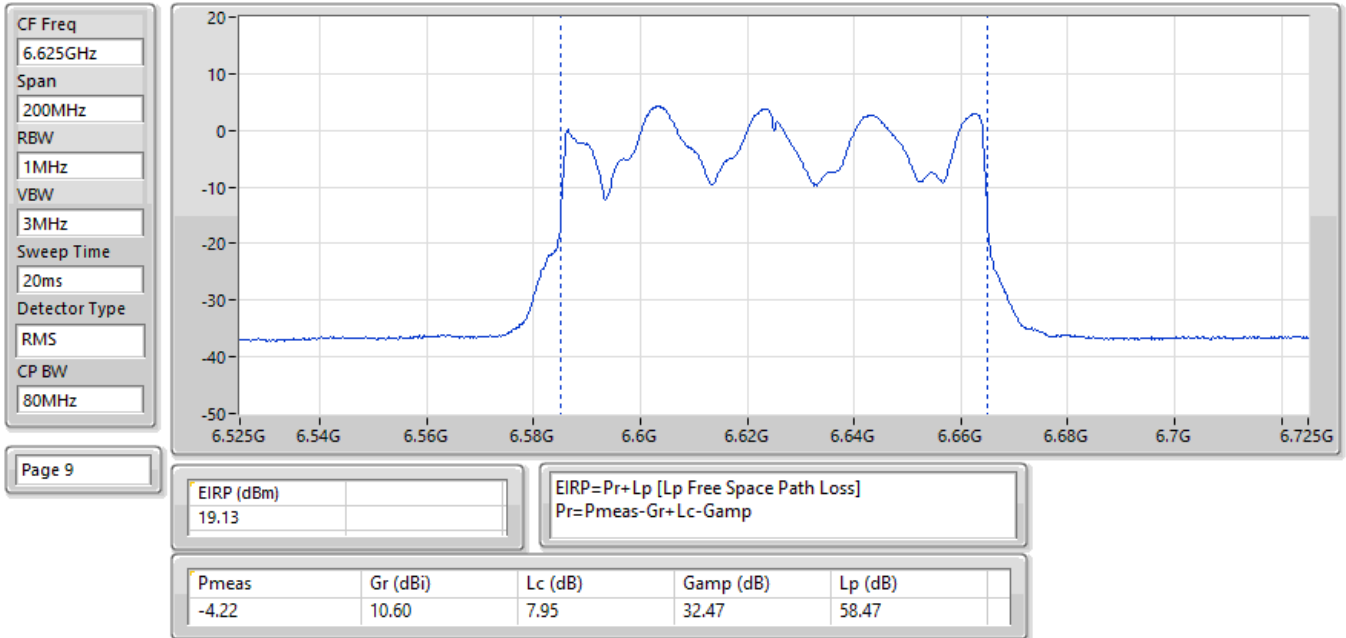
EIRP:Band:6.4G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6465MHz;TX



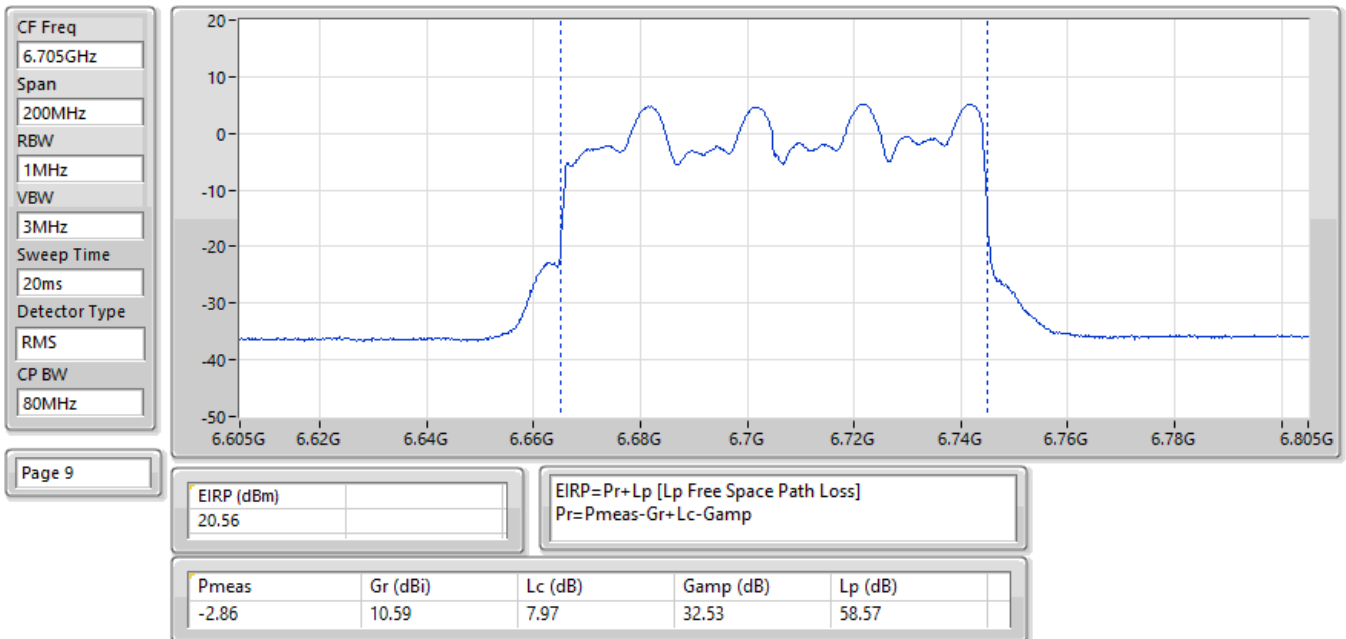
EIRP:Band:6.4G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6545MHz;TX



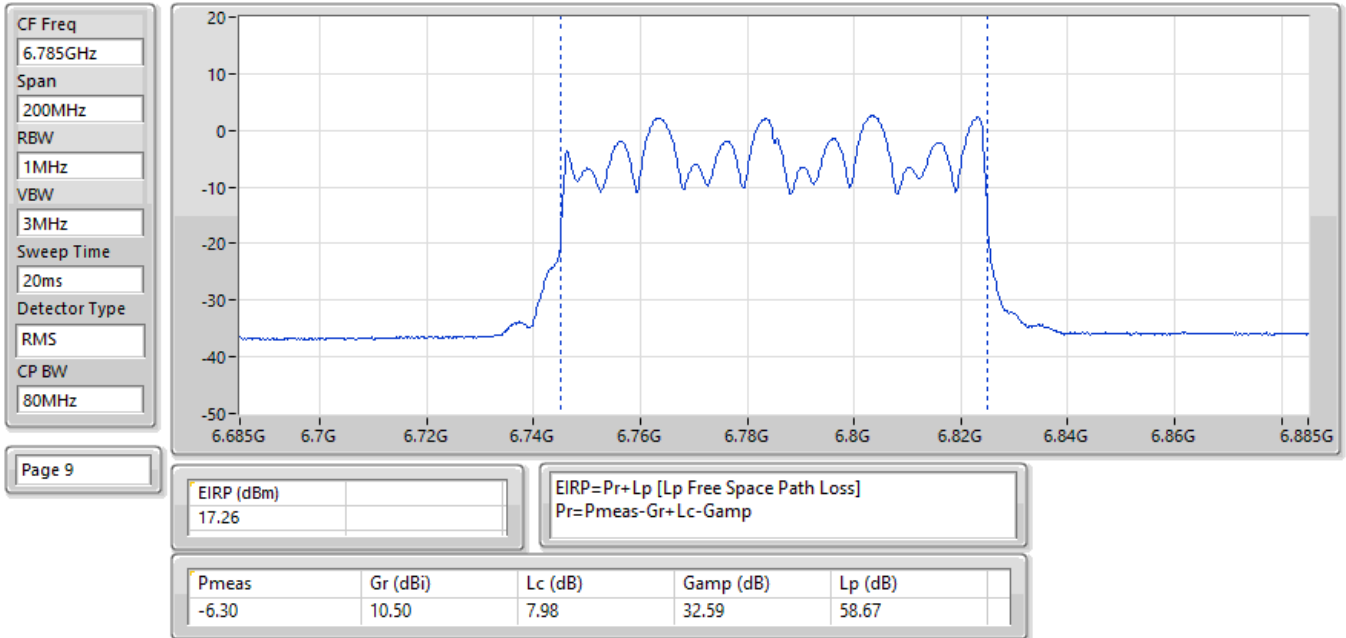
EIRP:Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6625MHz;TX



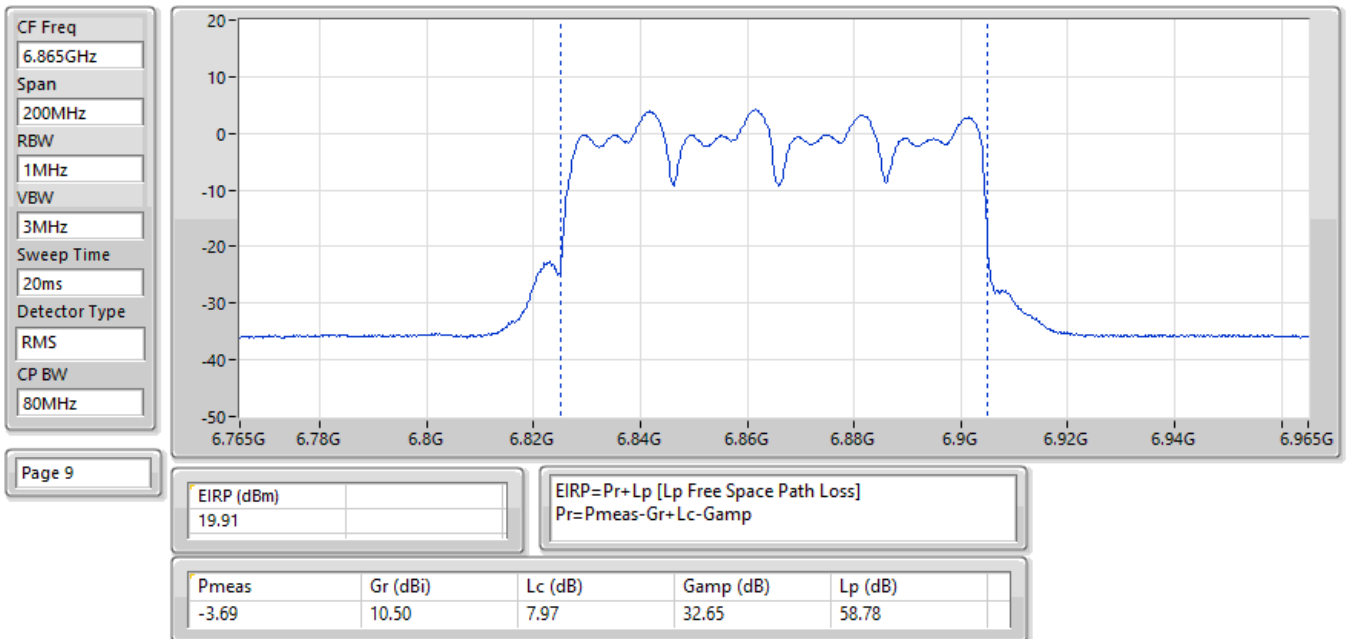
EIRP:Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6705MHz;TX



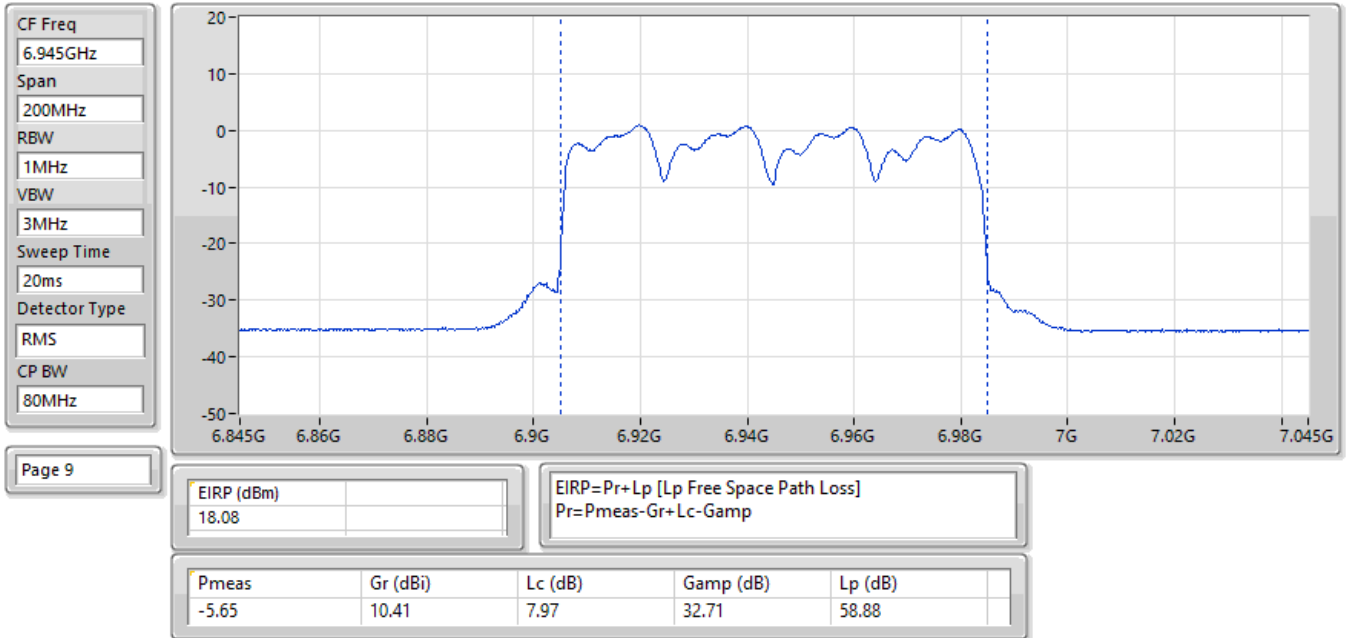
EIRP:Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6785MHz;TX



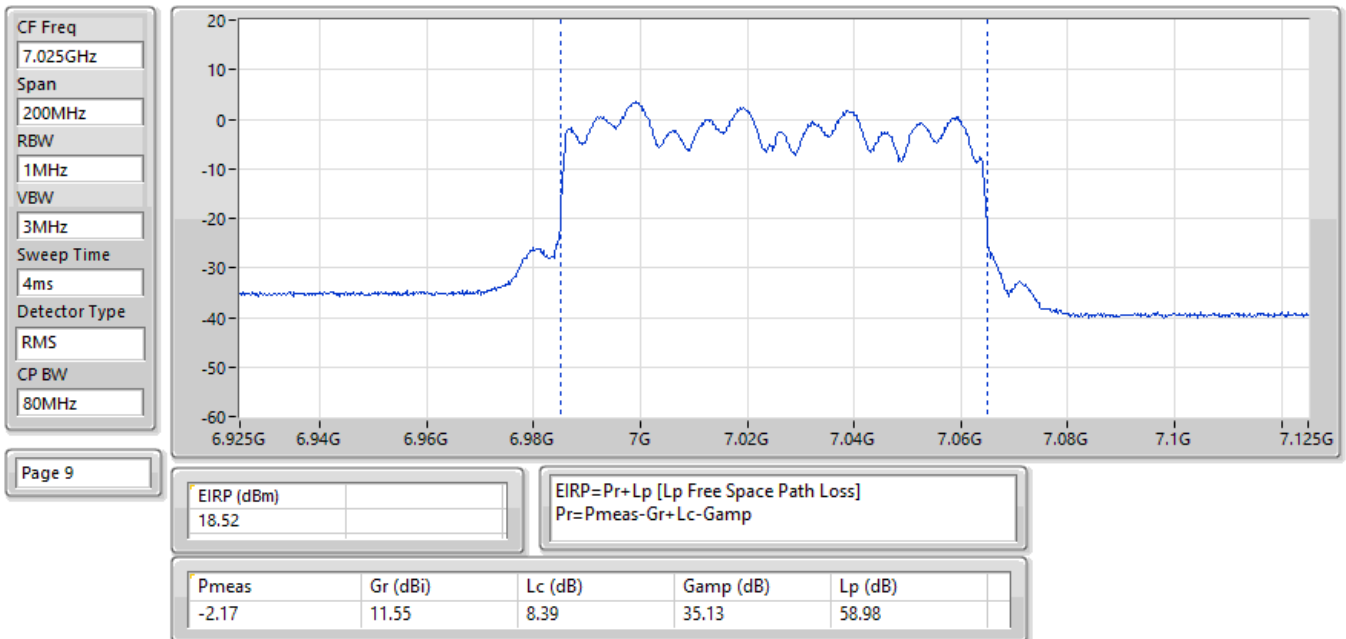
EIRP:Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6865MHz;TX



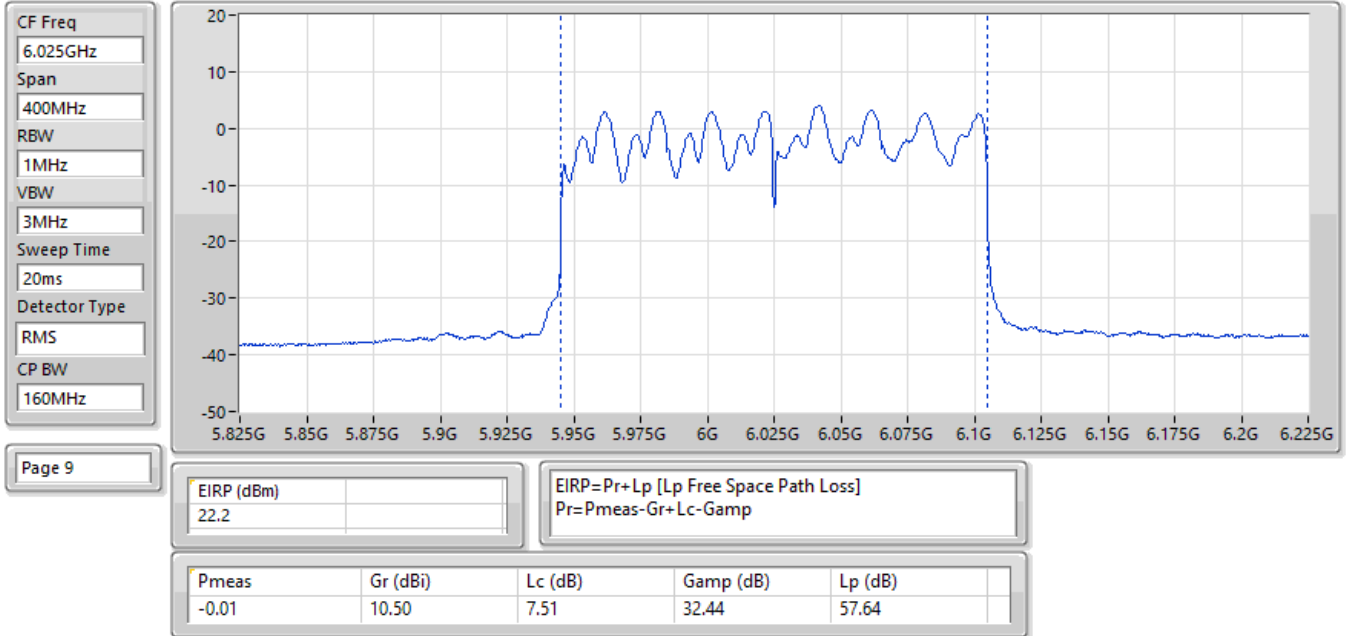
EIRP:Band:7.0G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6945MHz;TX



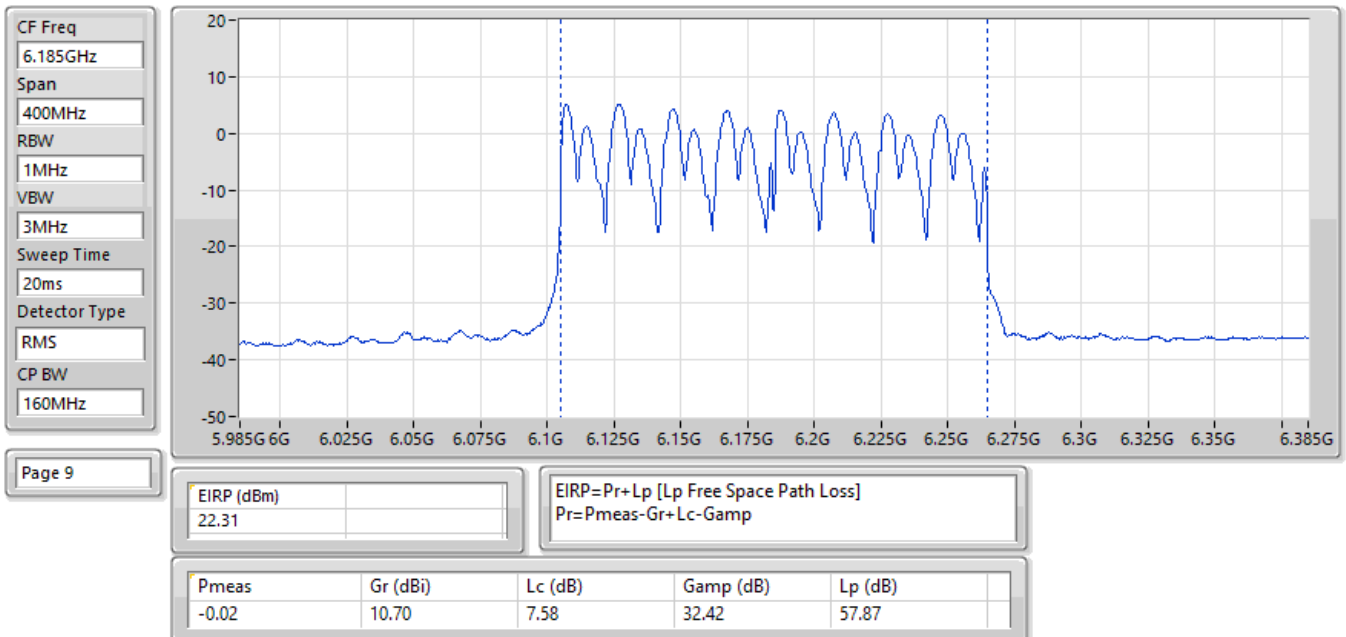
EIRP:Band:7.0G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:7025MHz;TX



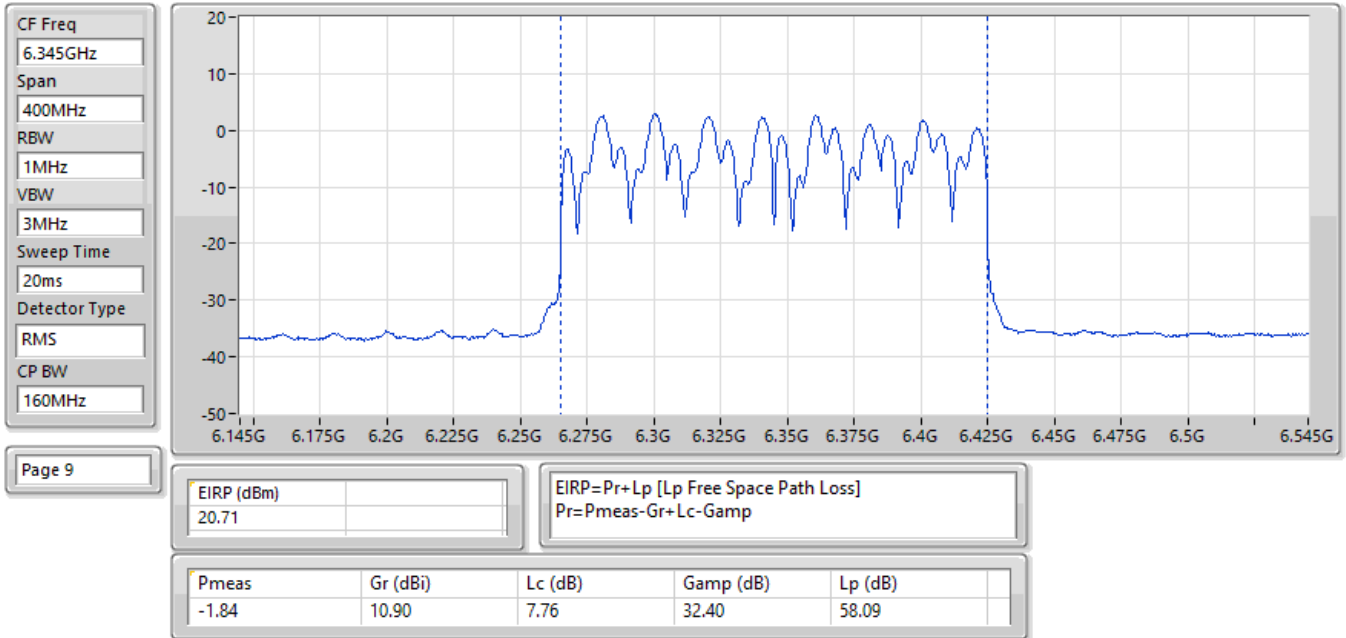
EIRP;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6025MHz;TX



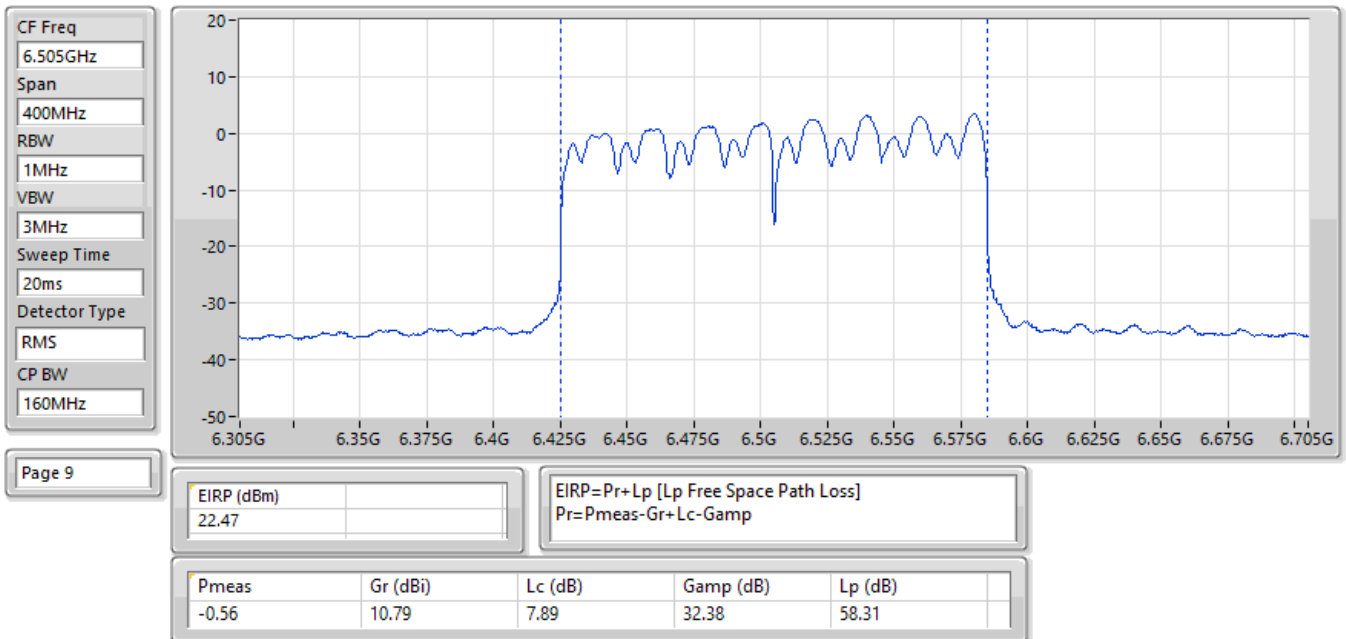
EIRP;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6185MHz;TX



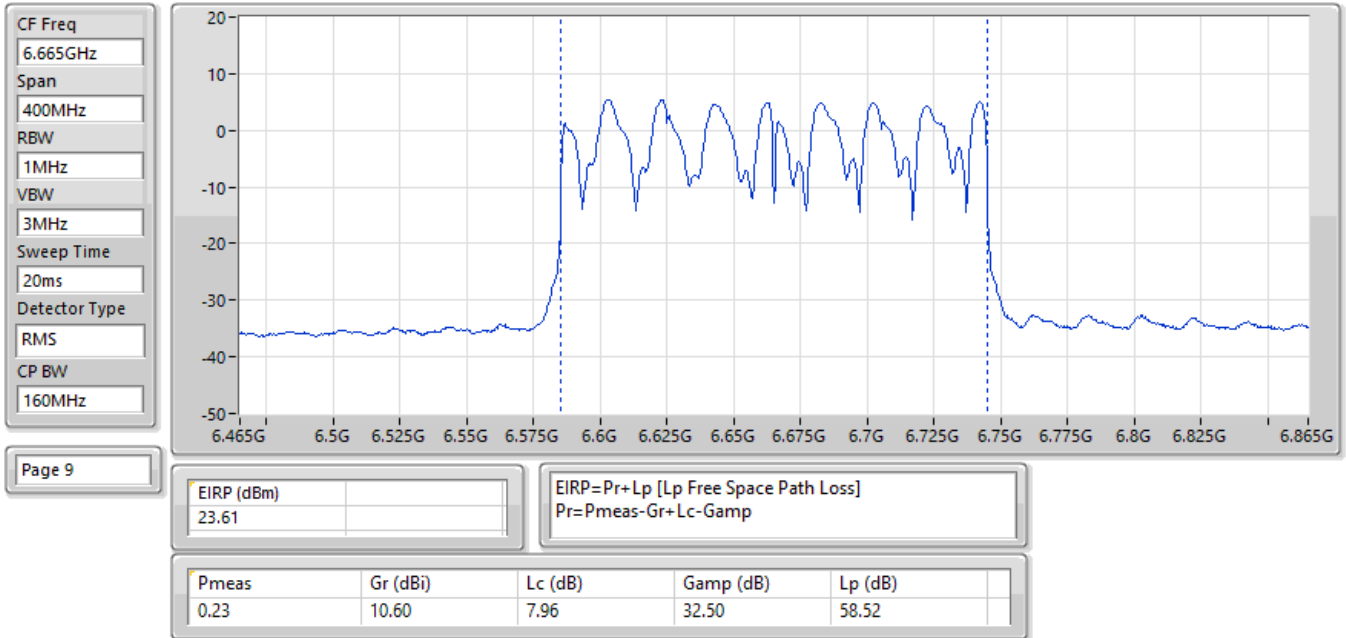
EIRP;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6345MHz;TX



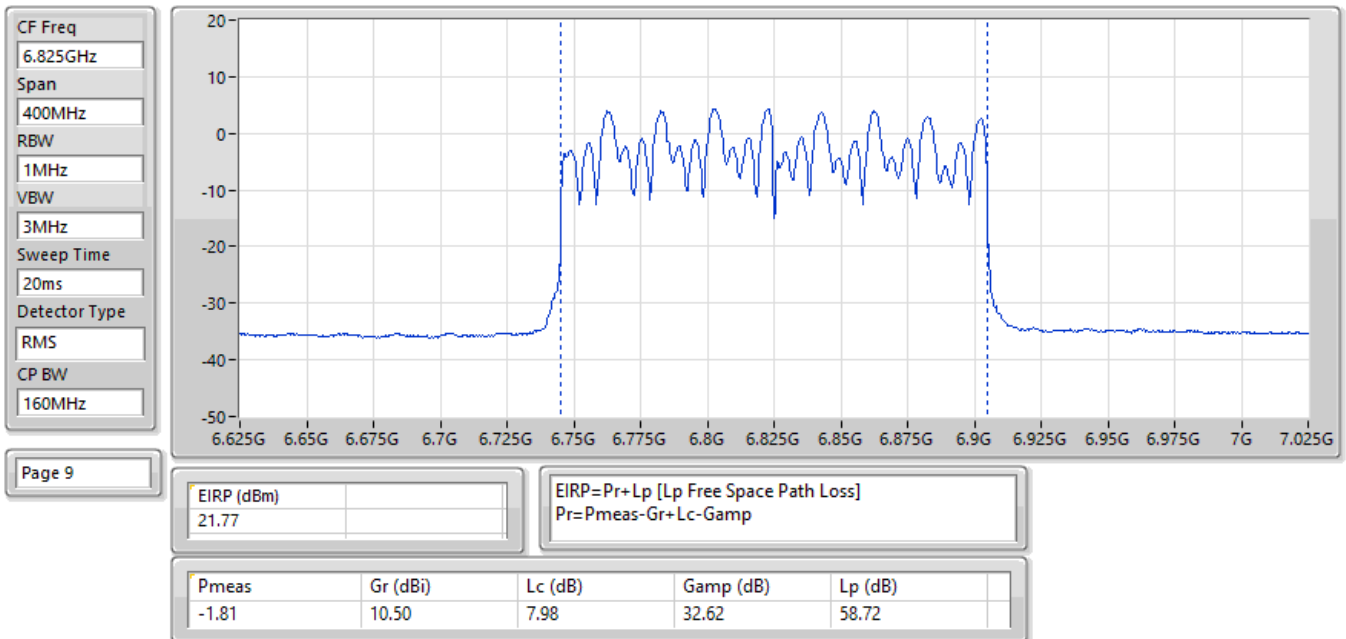
EIRP;Band:6.4G;be160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6505MHz;TX



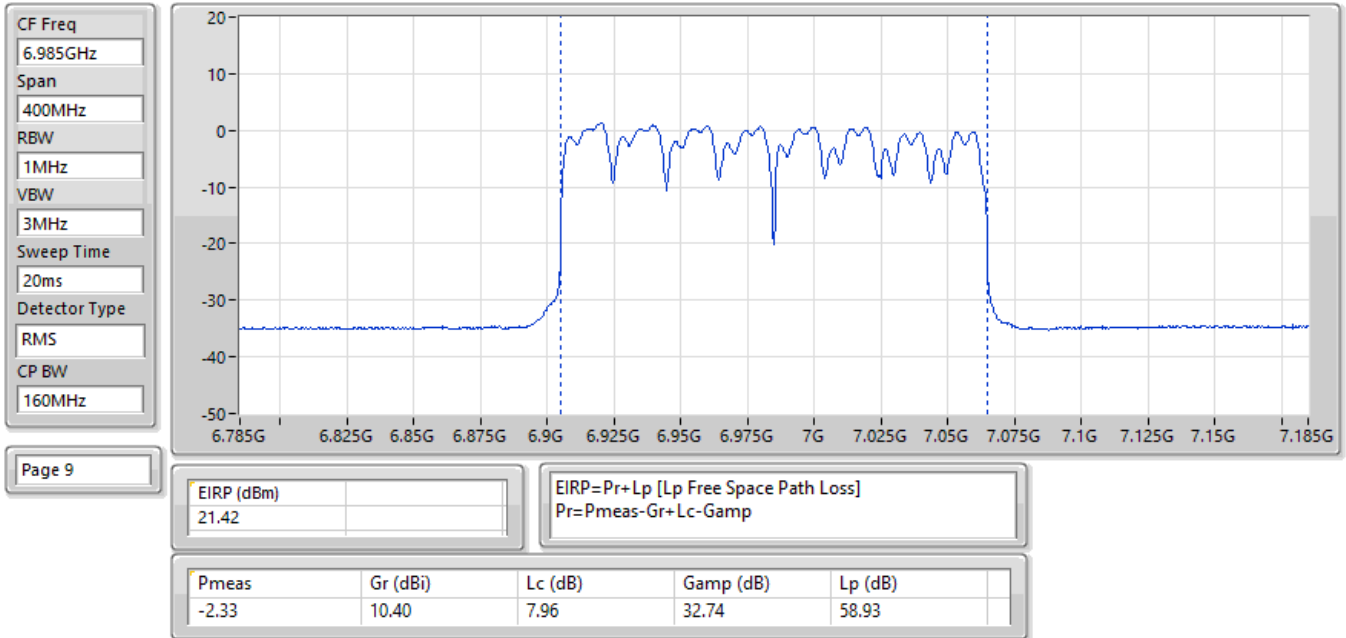
EIRP;Band:6.7G;be160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6665MHz;TX



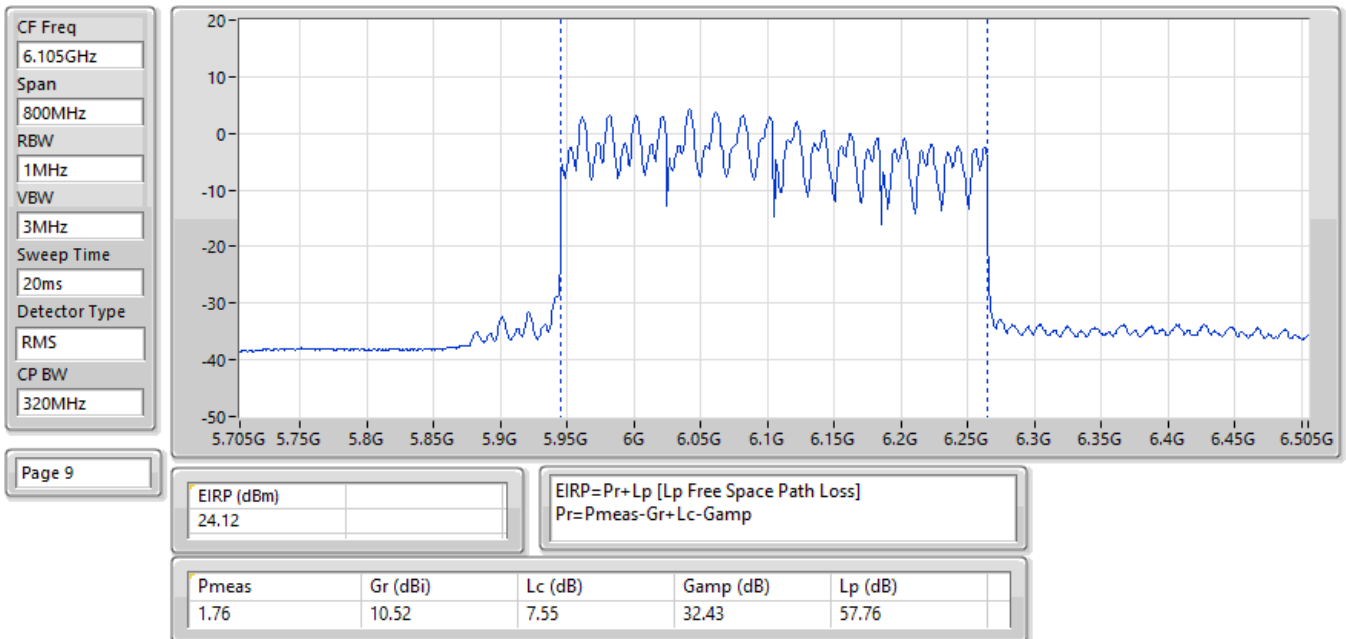
EIRP;Band:6.7G;be160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6825MHz;TX



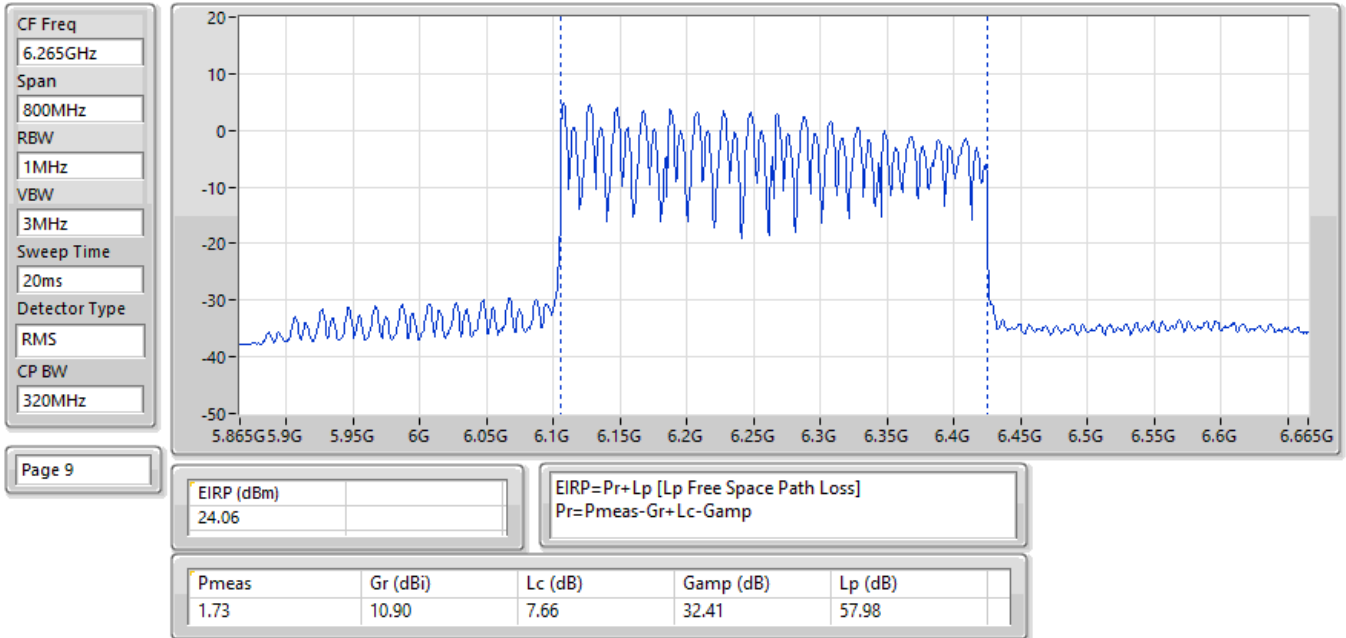
EIRP;Band:7.0G;be160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6985MHz;TX



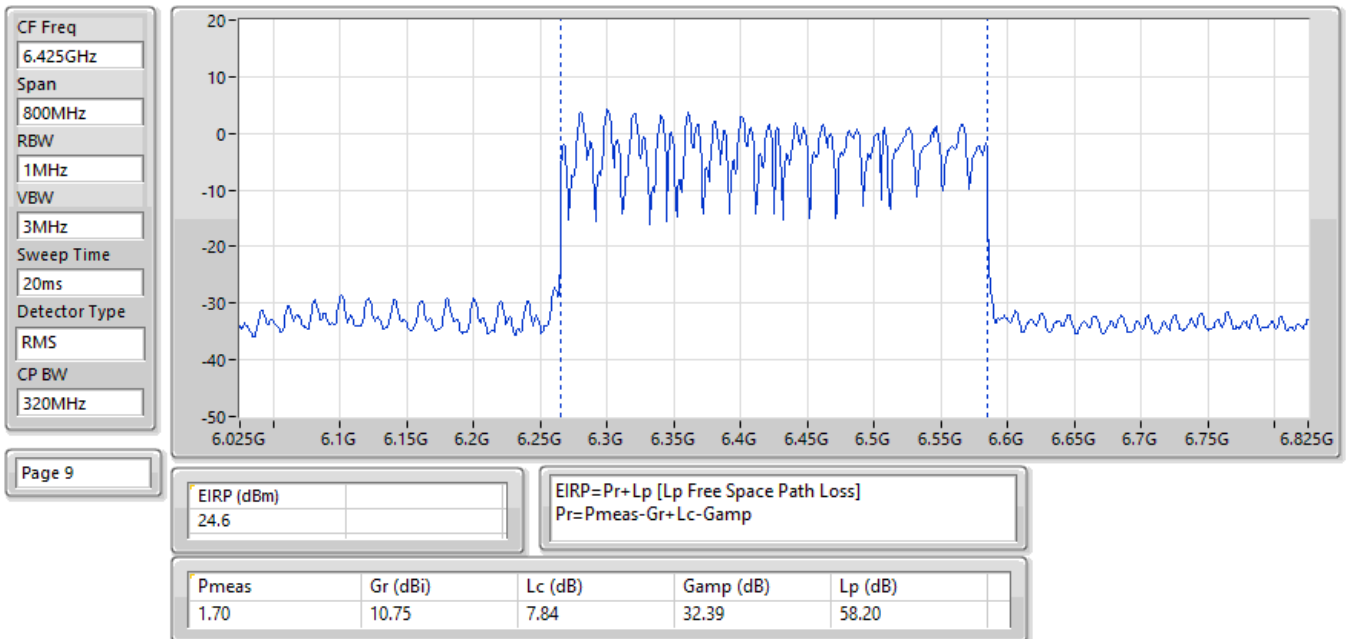
EIRP;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6105MHz;TX



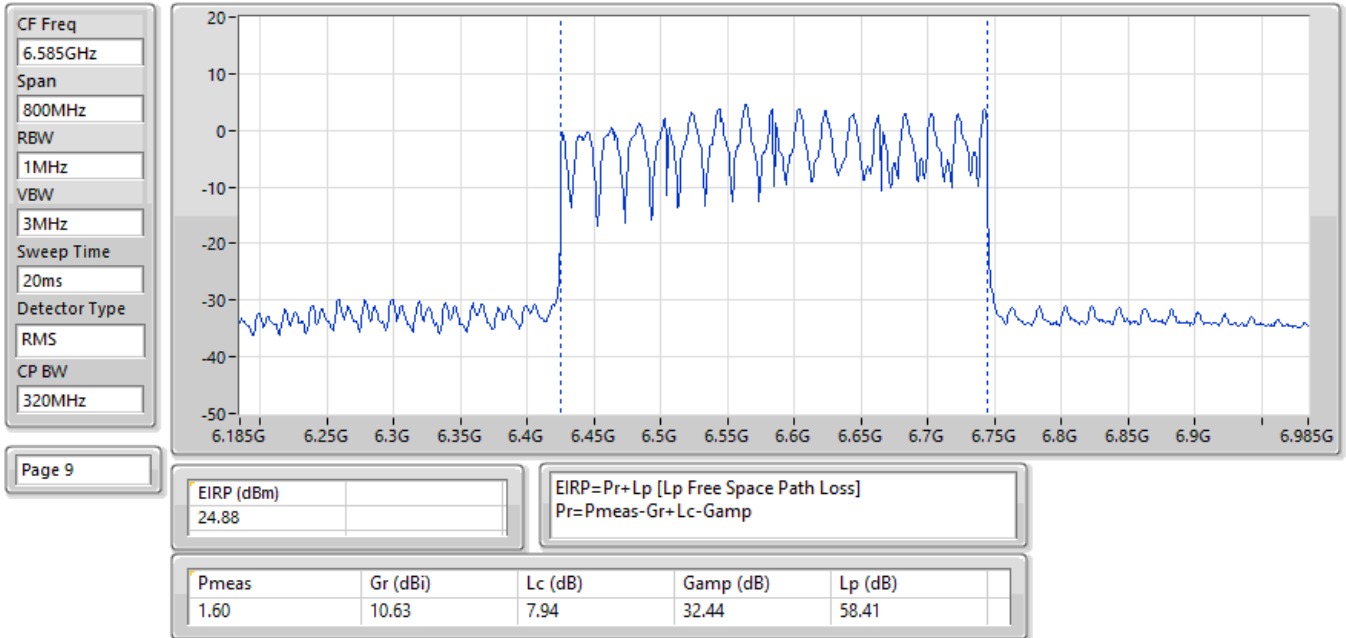
EIRP;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6265MHz;TX



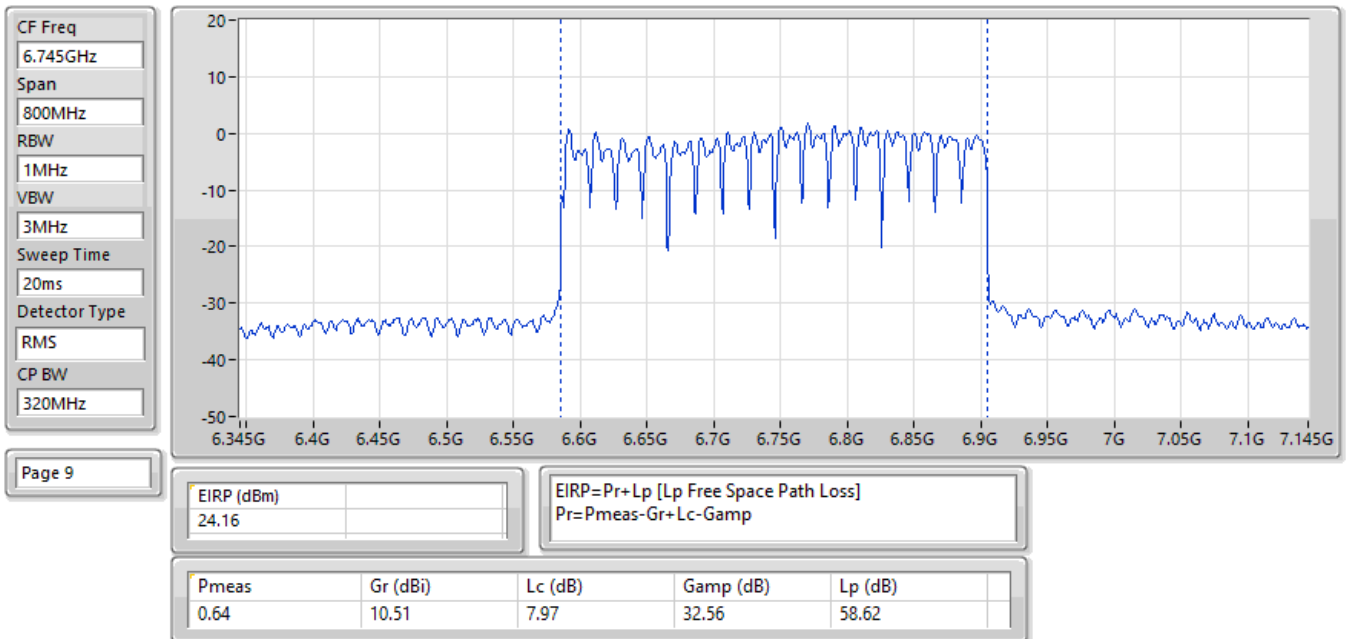
EIRP;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6425MHz;TX



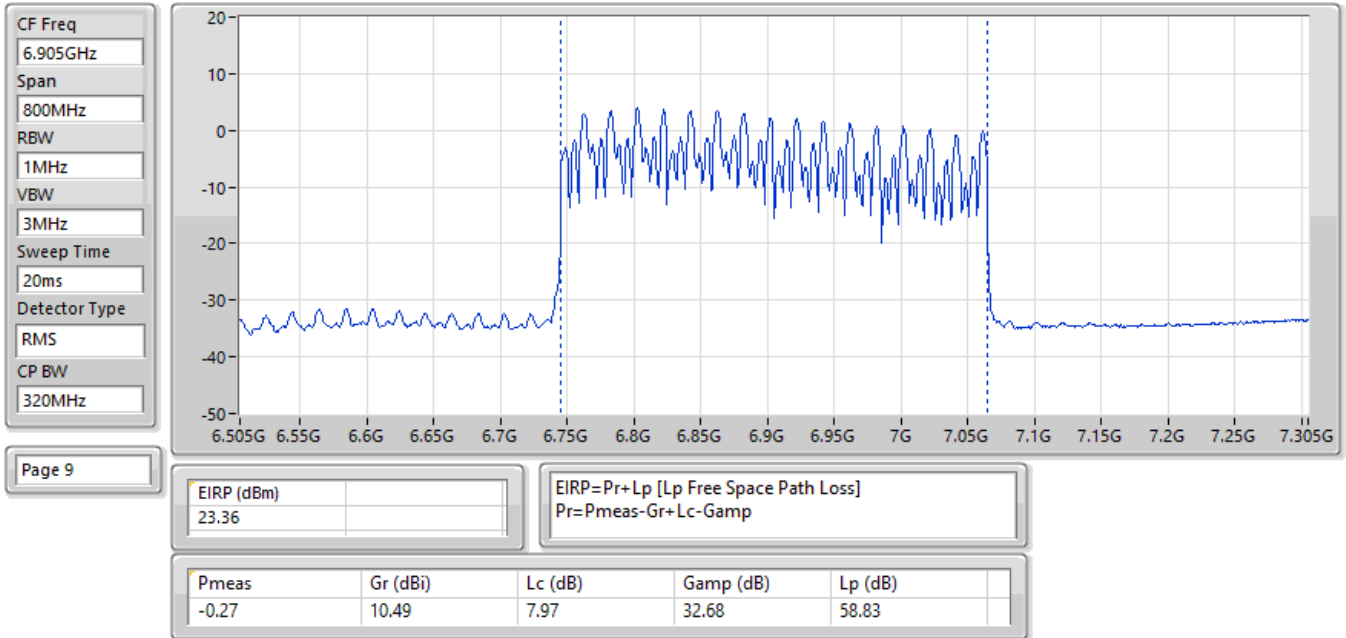
EIRP;Band:6.4G;be320;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6585MHz;TX



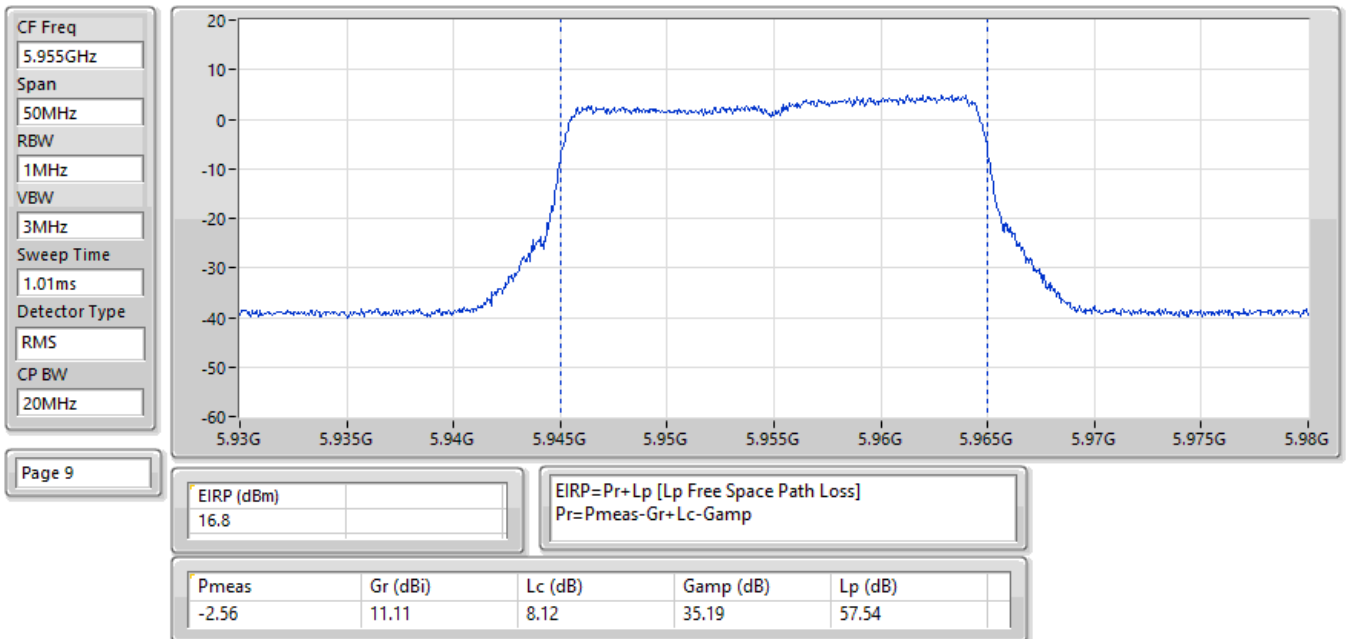
EIRP;Band:6.7G;be320;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6745MHz;TX



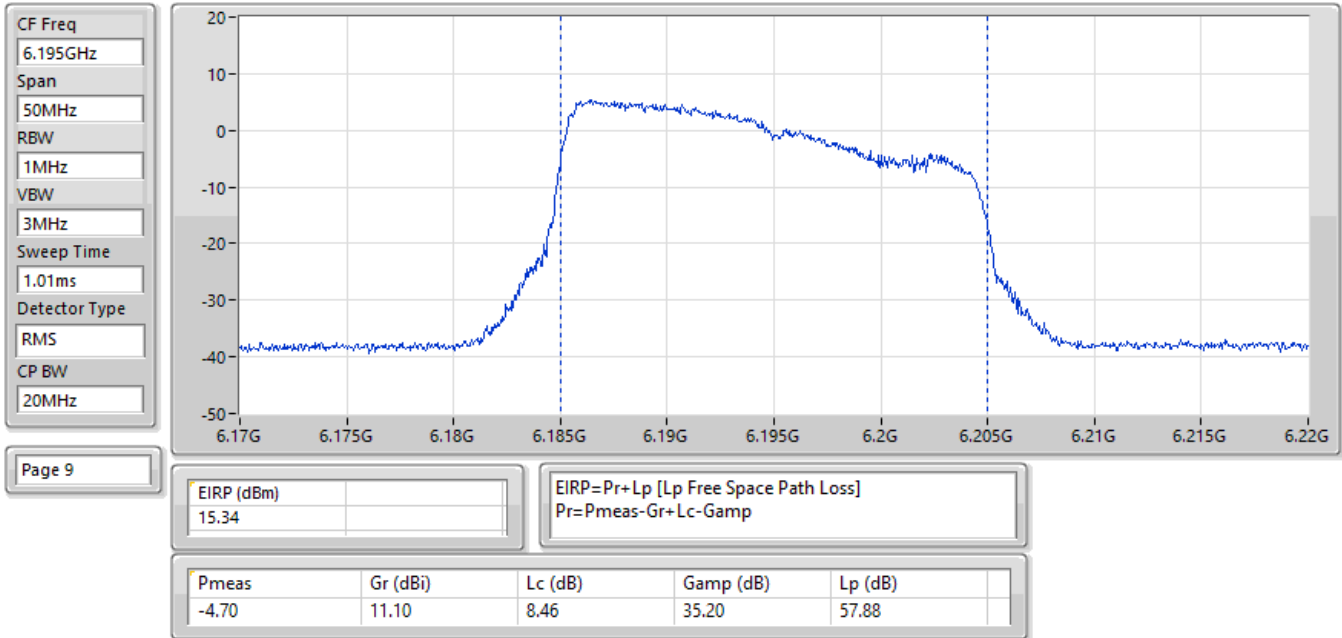
EIRP;Band:6.7G;be320;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6905MHz;TX



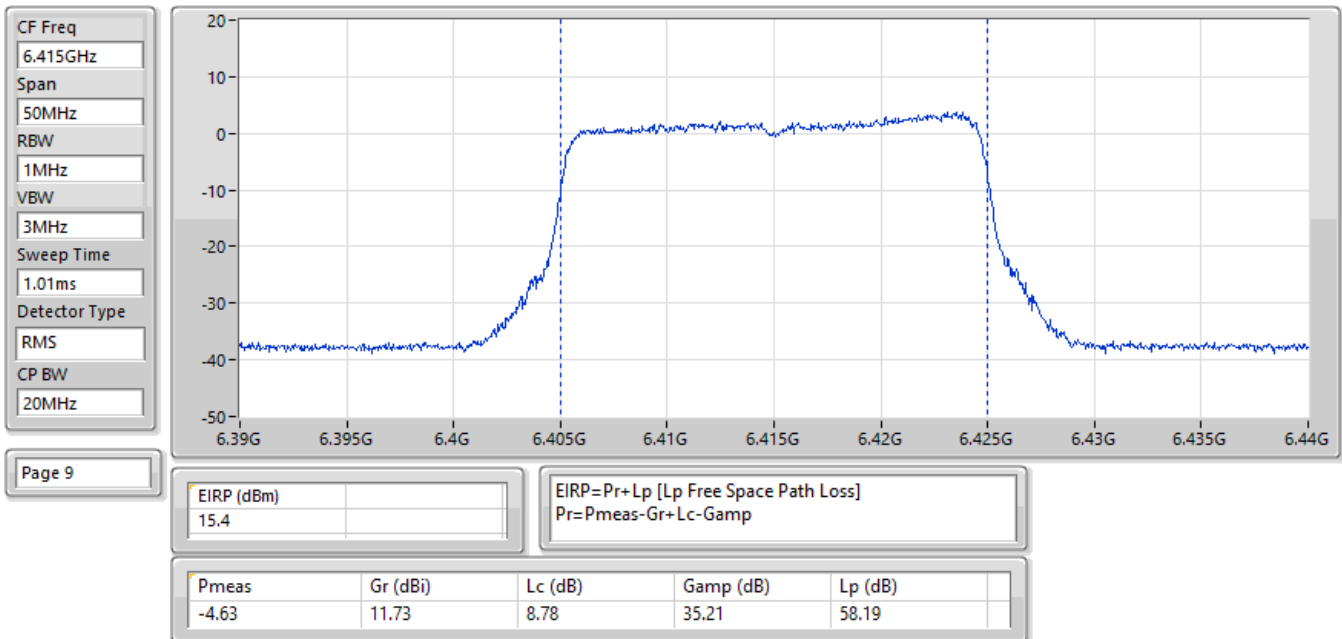
EIRP;Band:6.2G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5955MHz;TX



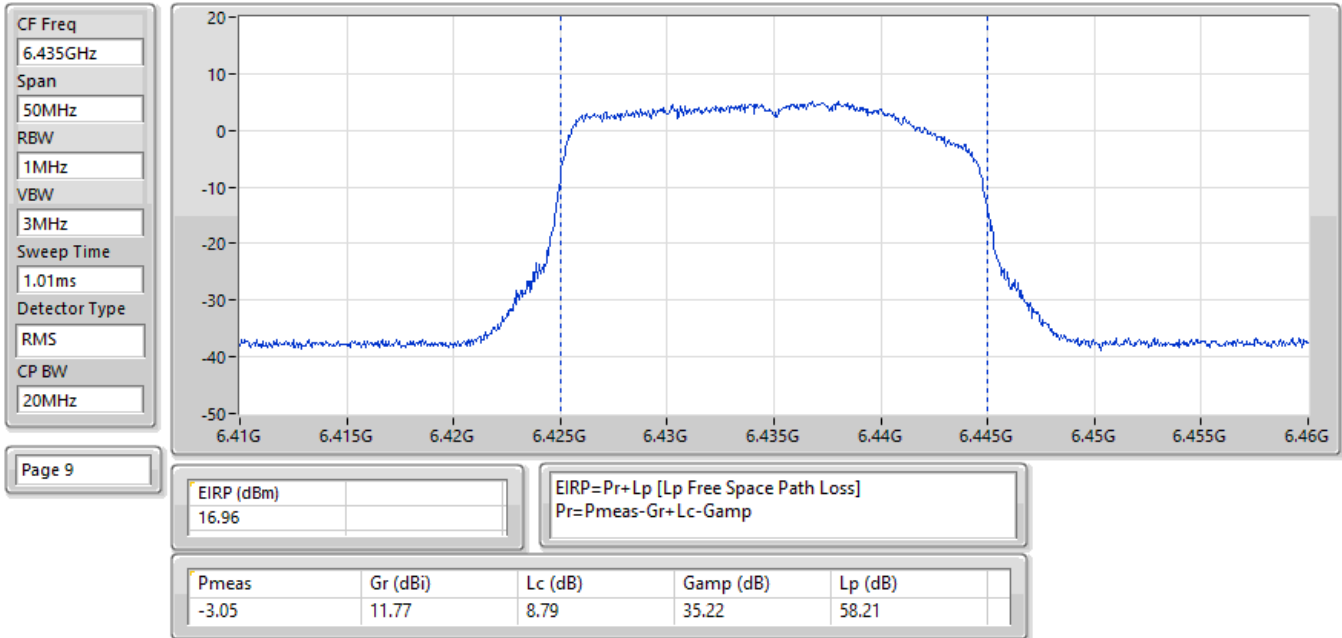
EIRP:Band:6.2G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6195MHz;TX



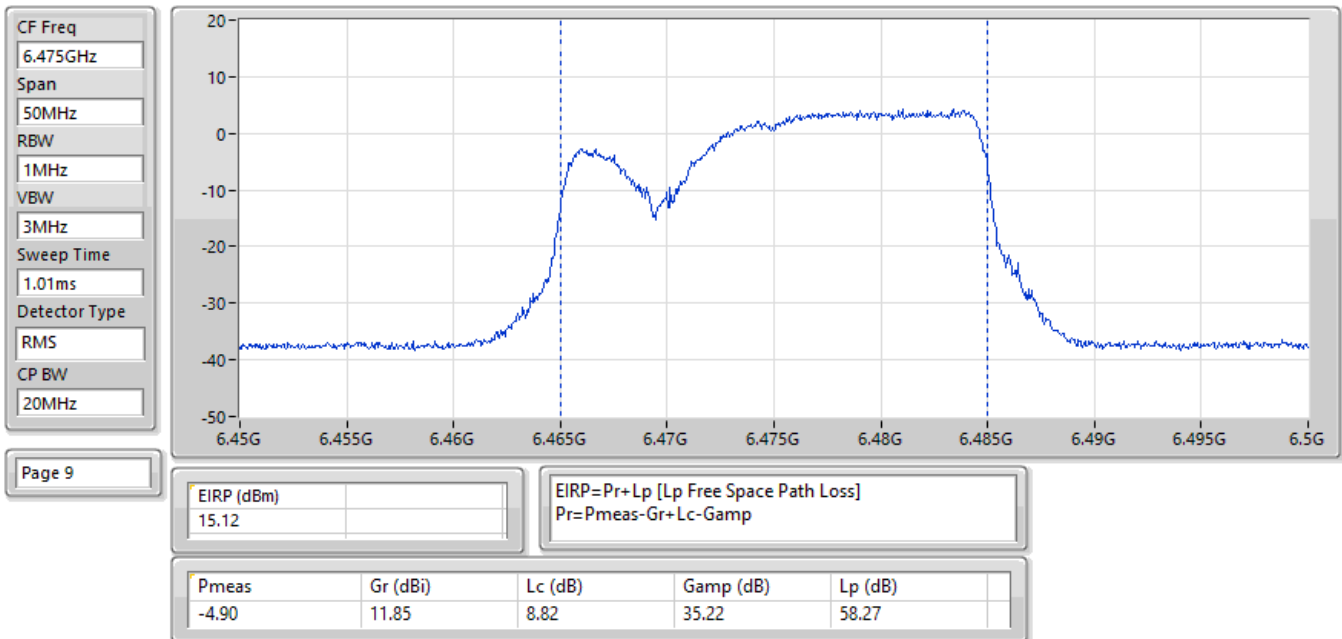
EIRP:Band:6.2G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6415MHz;TX



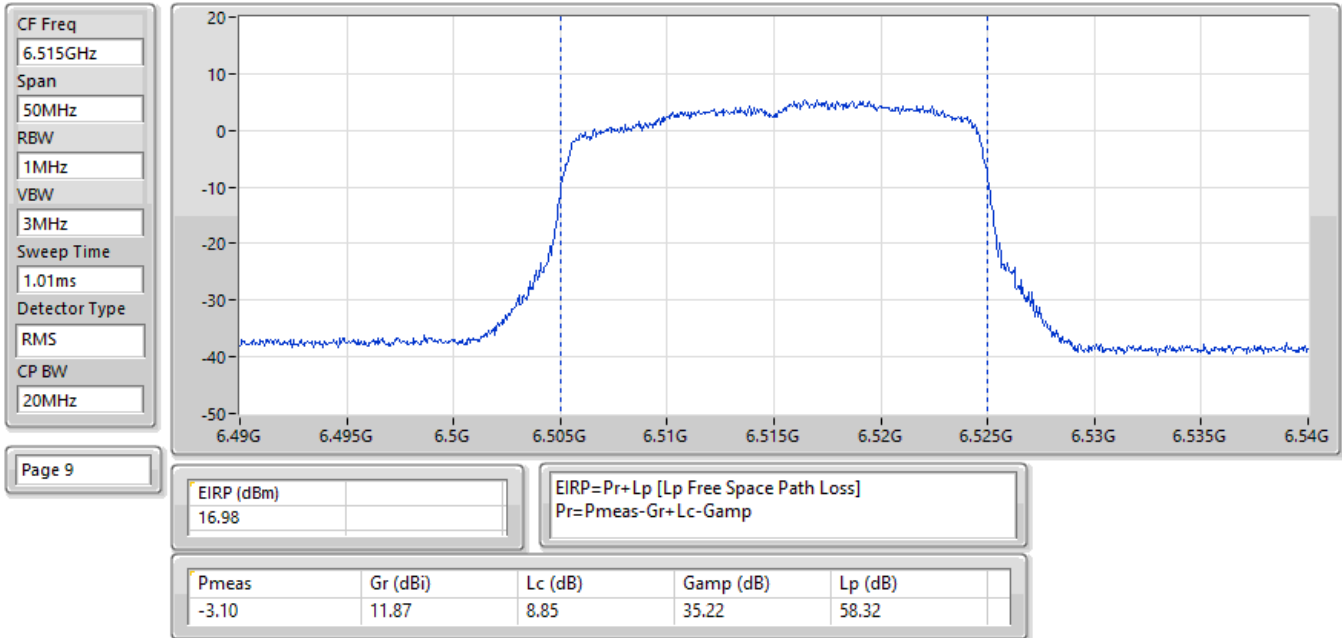
EIRP:Band:6.4G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6435MHz;TX



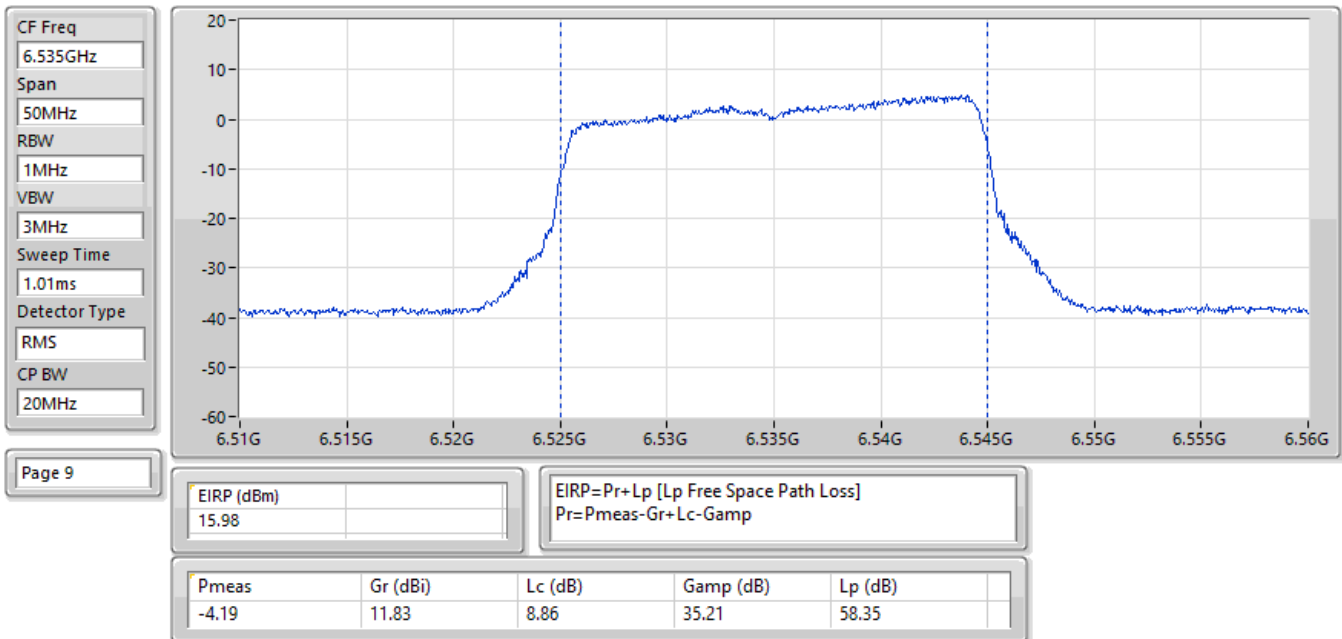
EIRP:Band:6.4G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6475MHz;TX



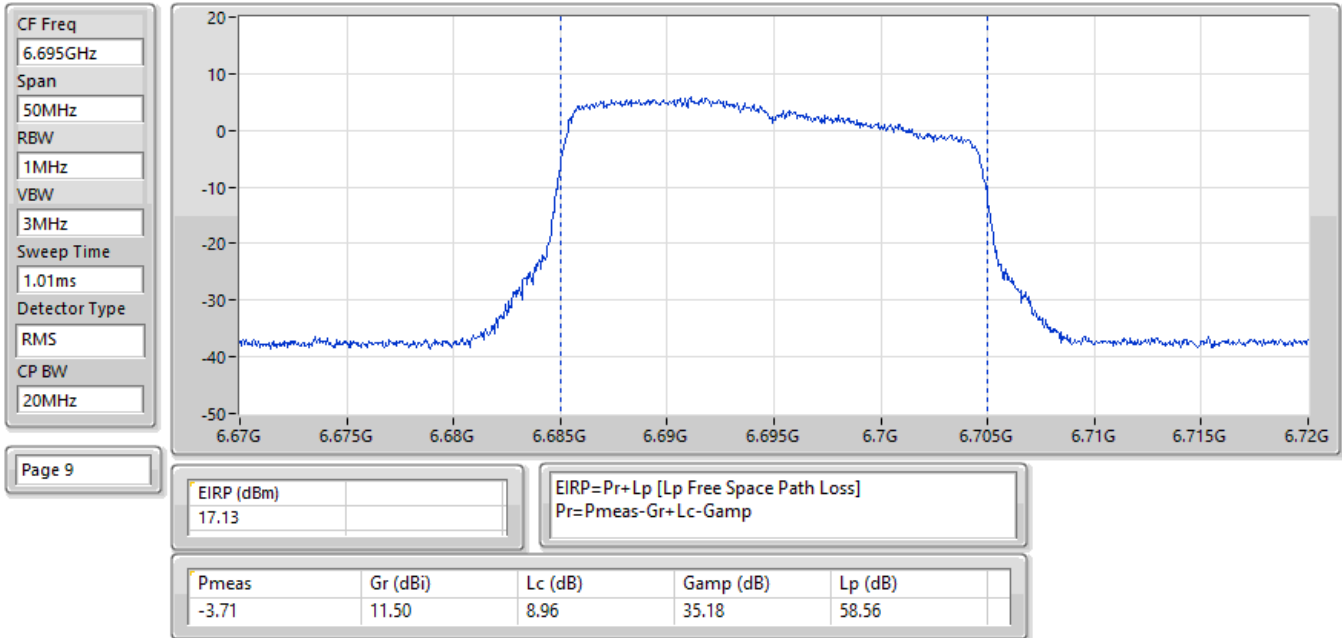
EIRP:Band:6.4G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6515MHz;TX



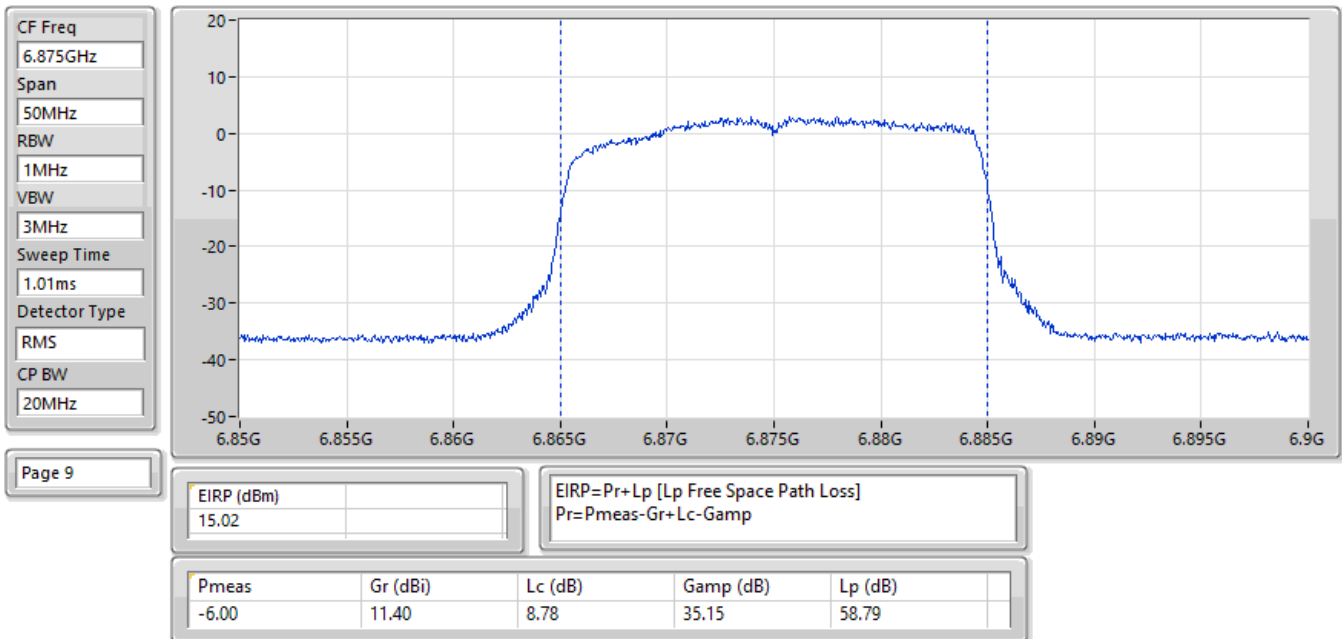
EIRP:Band:6.7G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6535MHz;TX



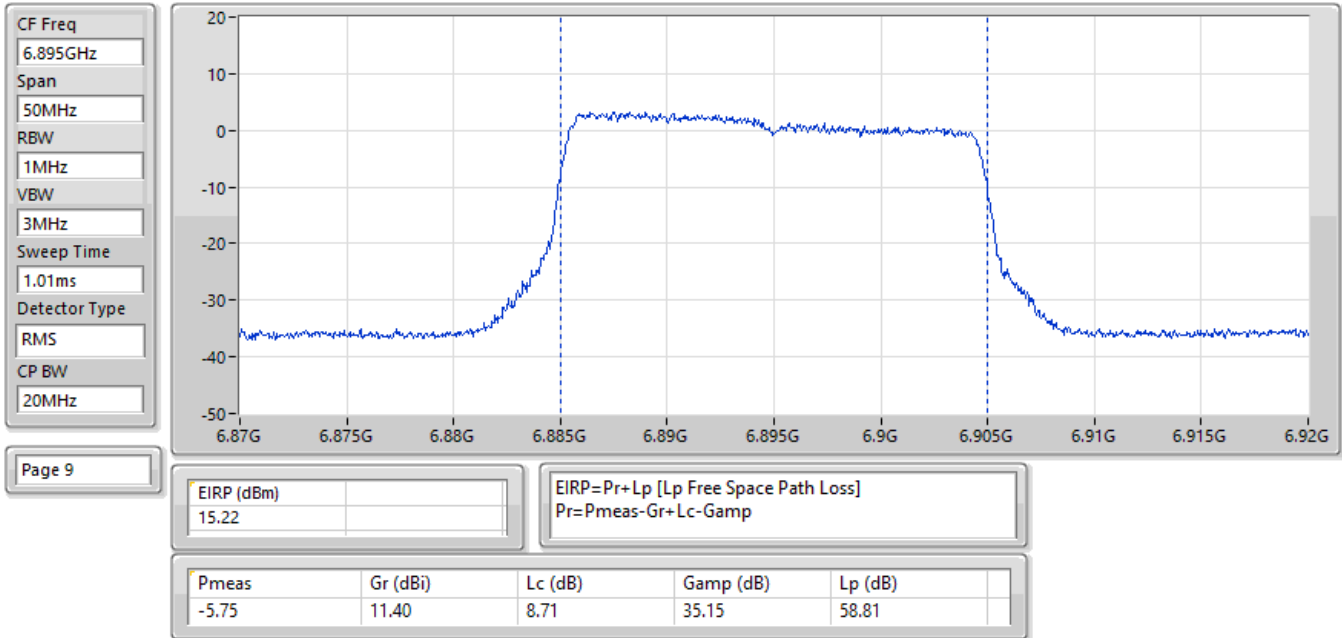
EIRP:Band:6.7G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6695MHz;TX



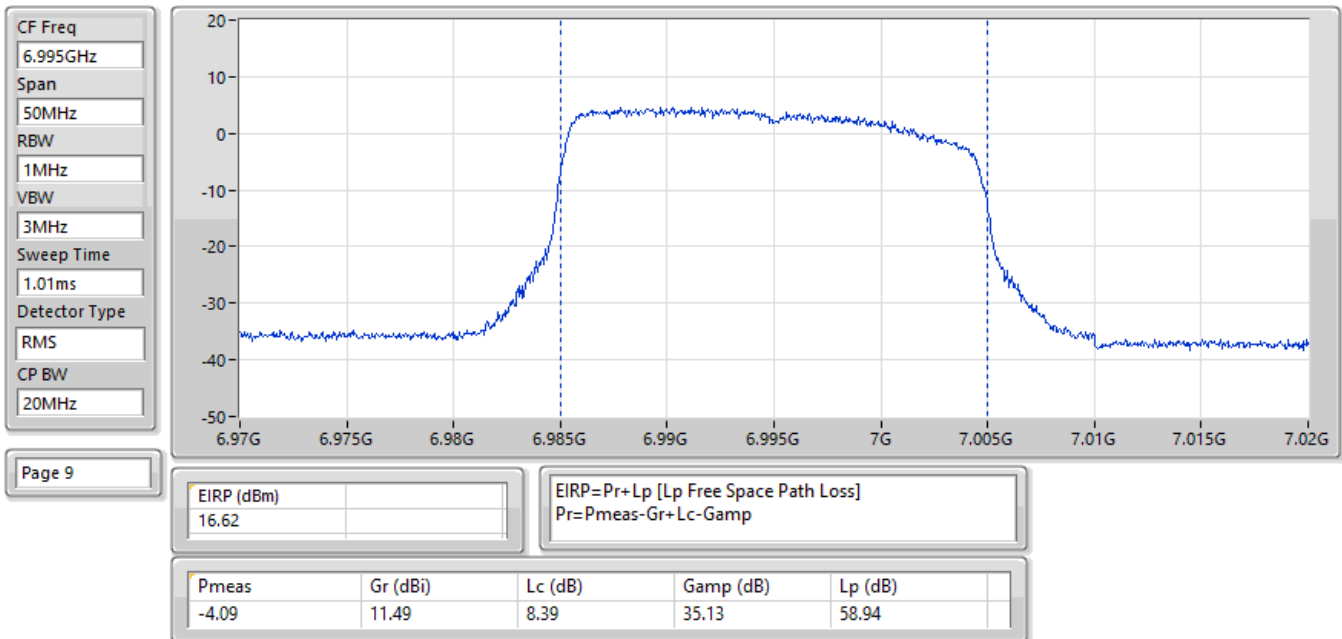
EIRP:Band:6.7G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6875MHz;TX



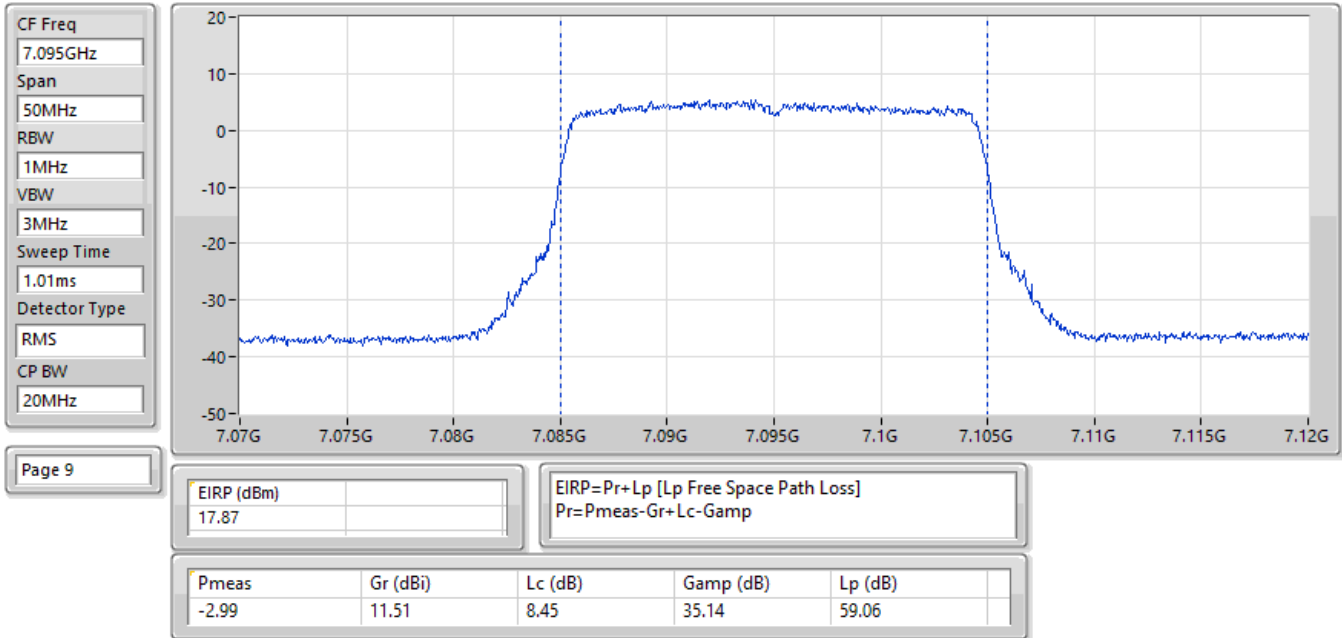
EIRP:Band:7.0G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6895MHz;TX



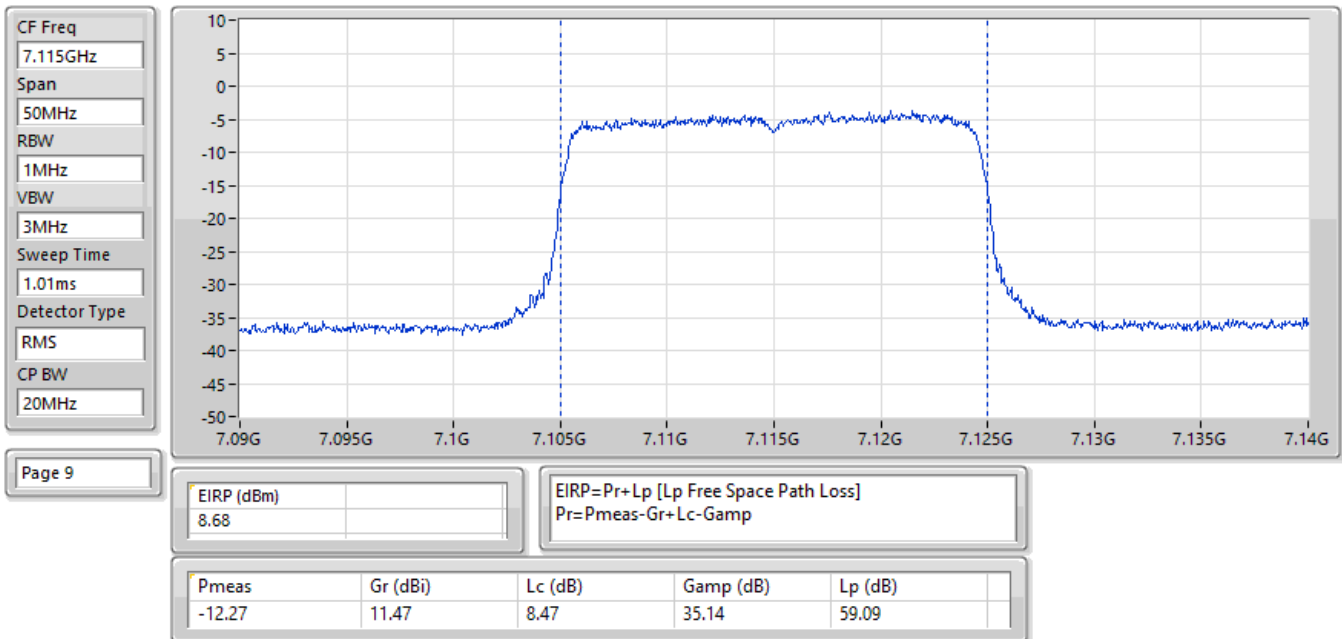
EIRP:Band:7.0G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6995MHz;TX



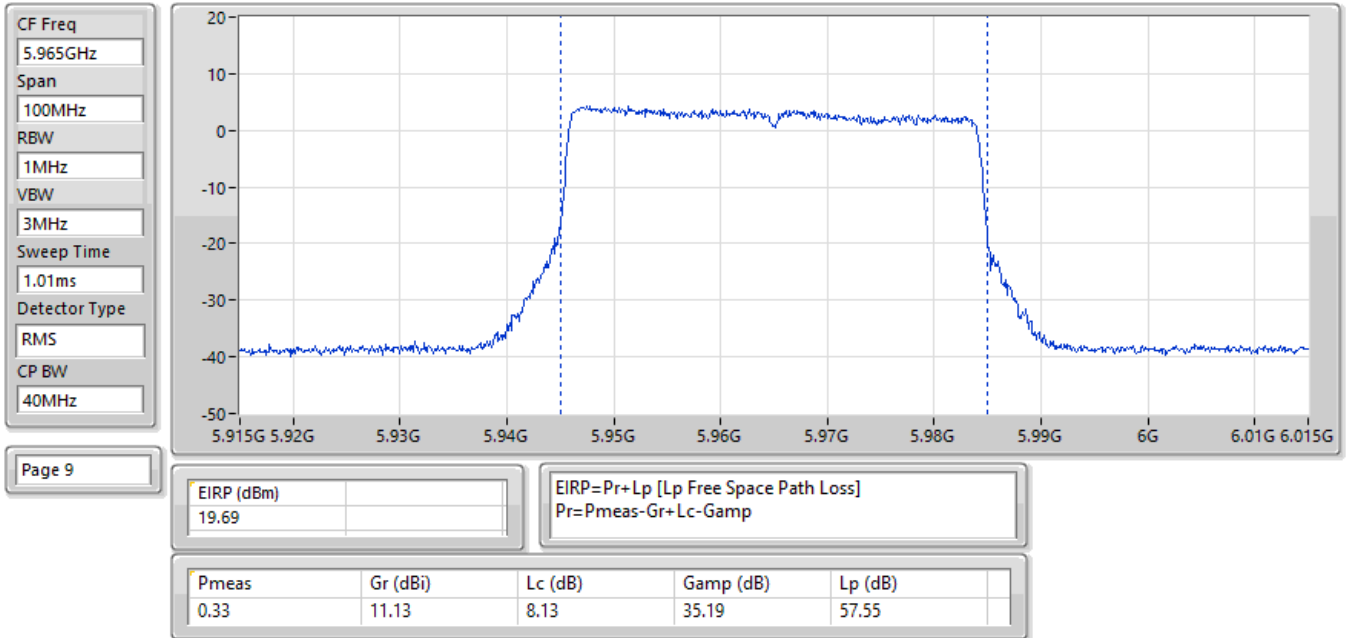
EIRP:Band:7.0G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7095MHz;TX



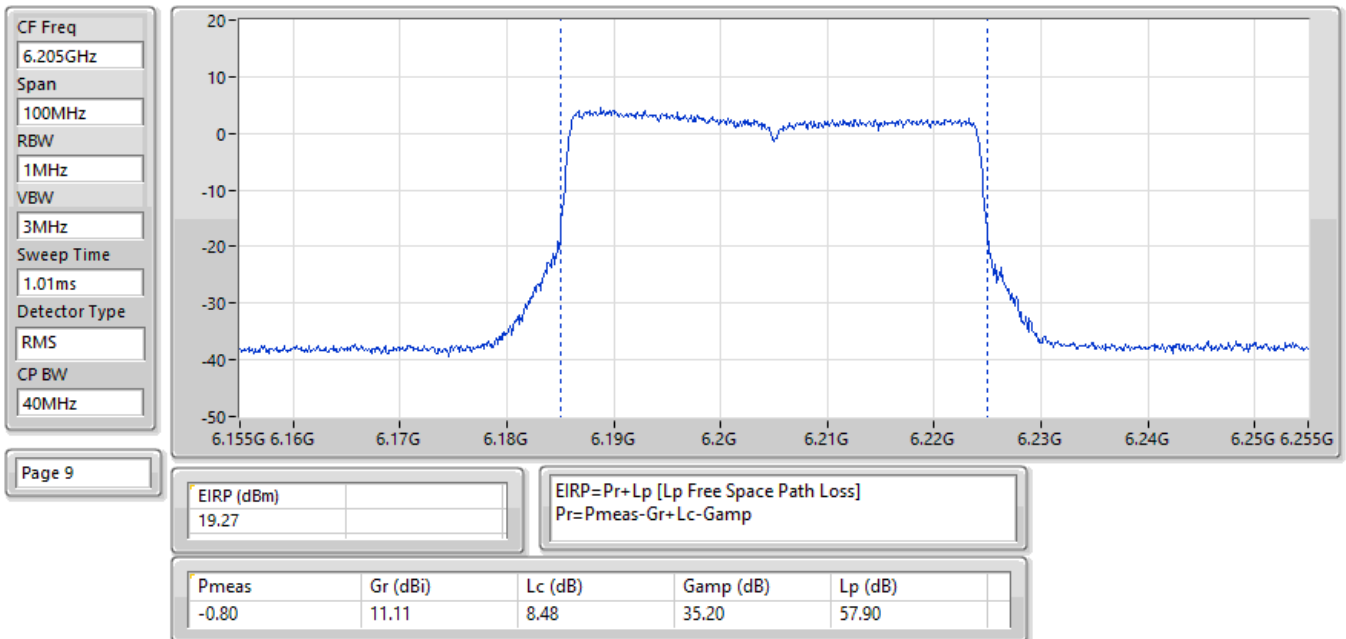
EIRP:Band:7.0G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7115MHz;TX



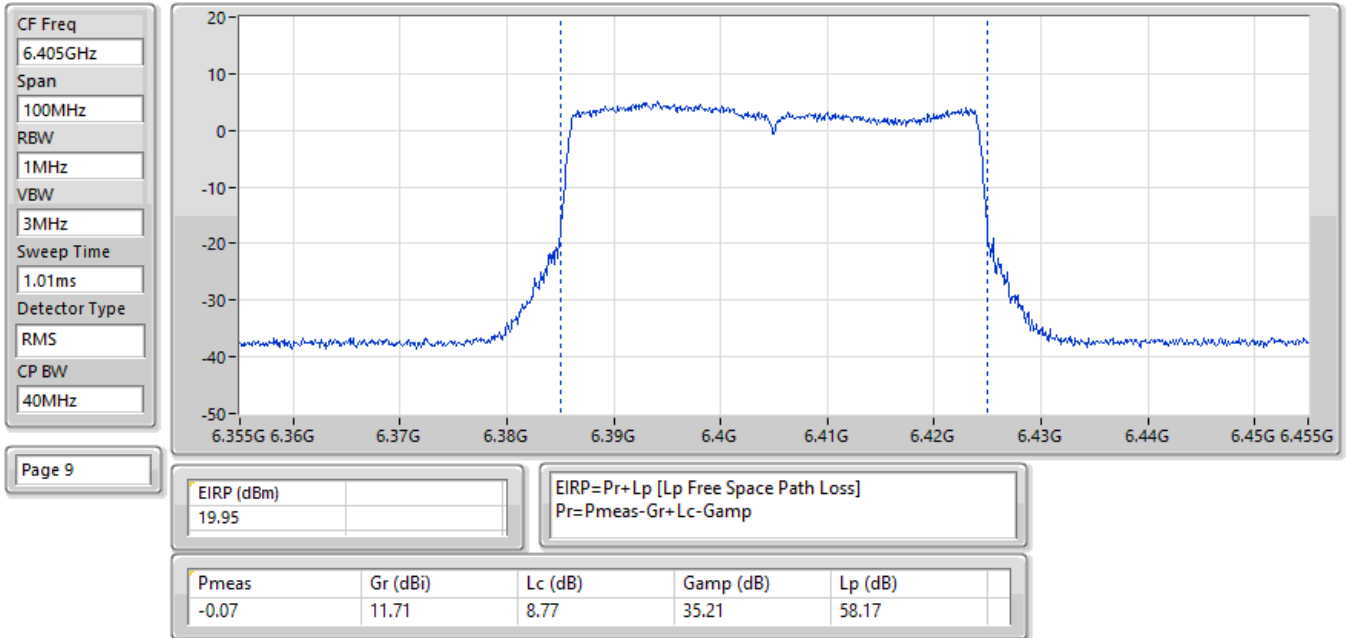
EIRP:Band:6.2G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5965MHz;TX



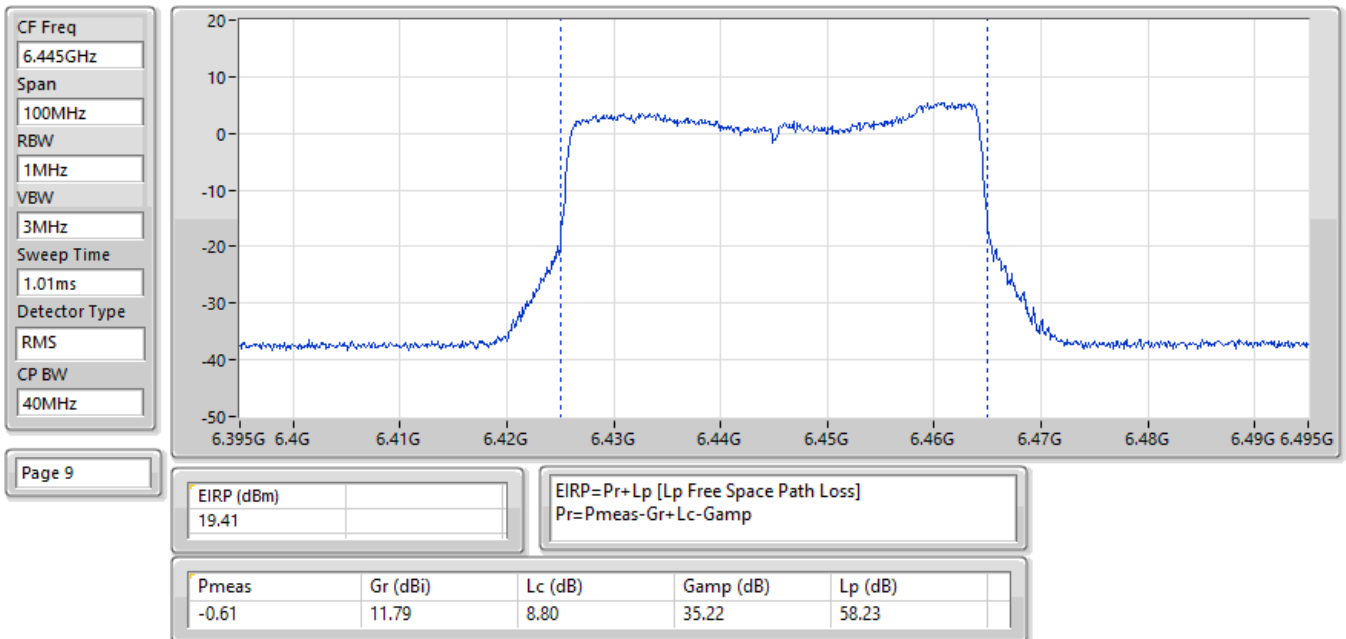
EIRP:Band:6.2G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6205MHz;TX



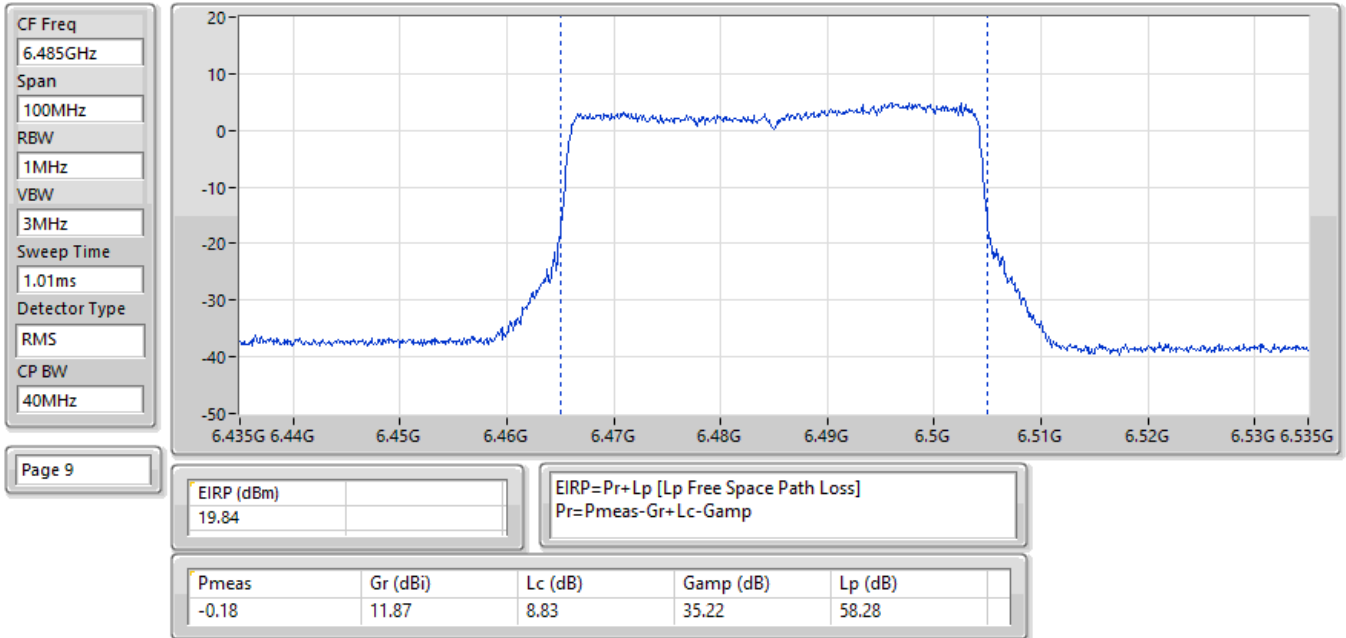
EIRP:Band:6.2G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6405MHz;TX



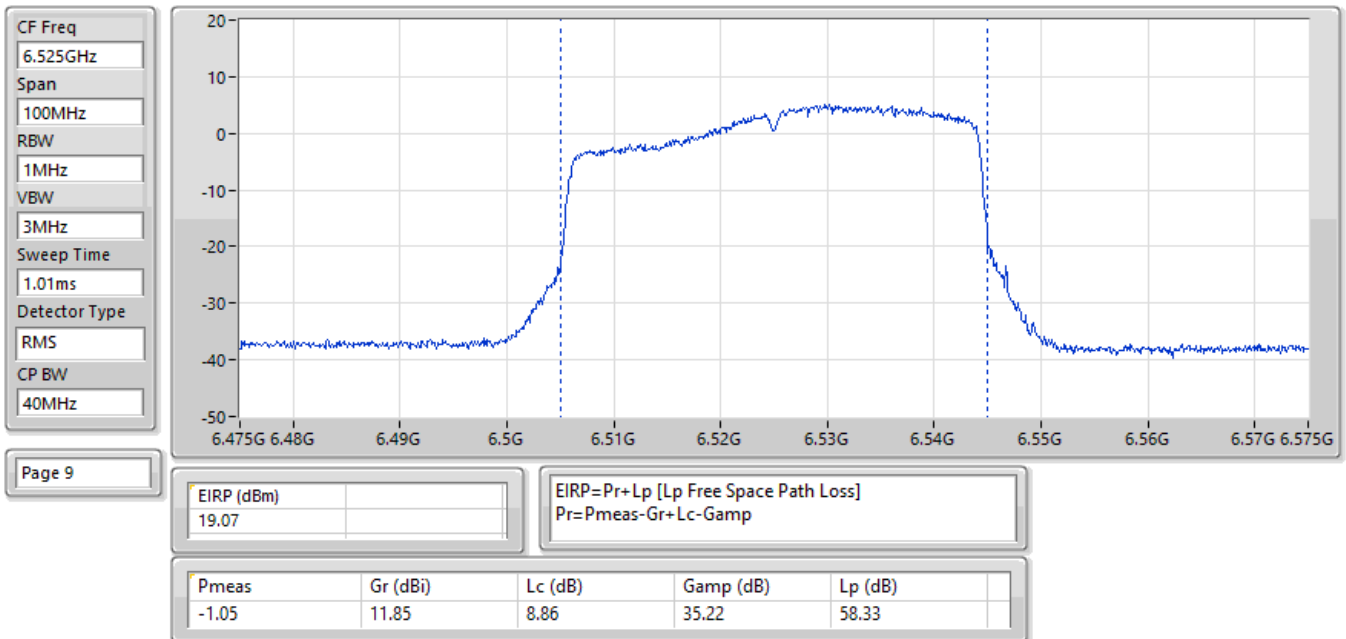
EIRP:Band:6.4G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6445MHz;TX



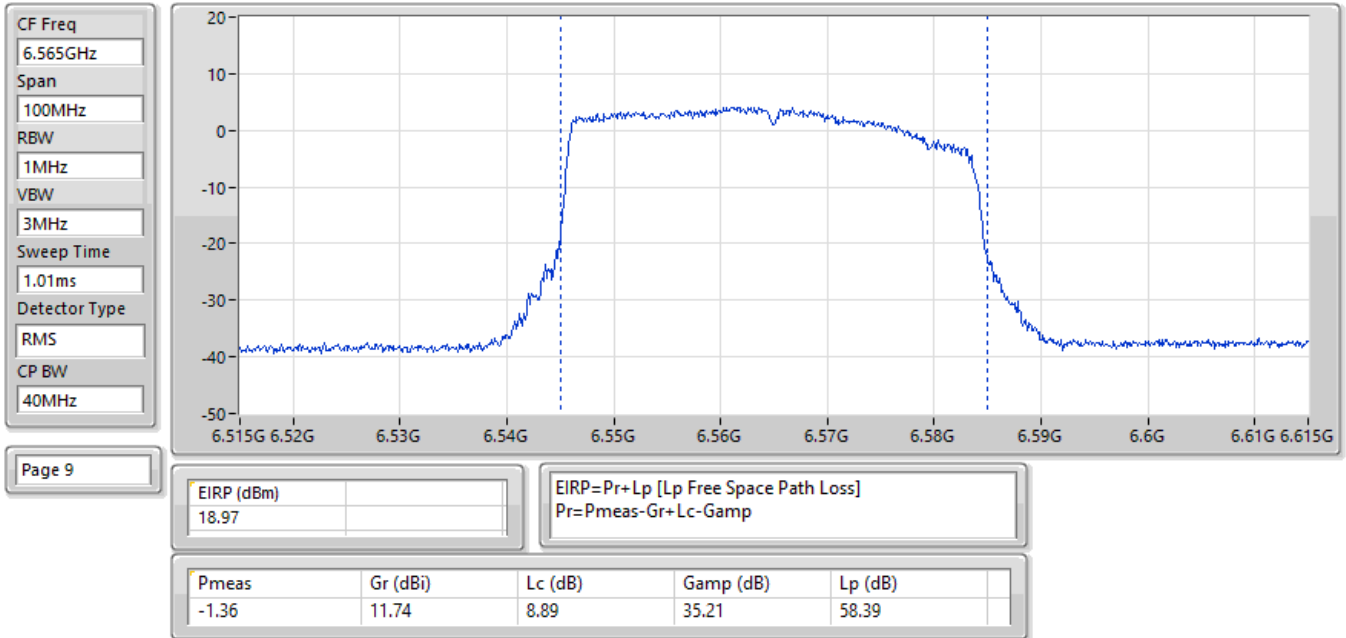
EIRP:Band:6.4G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6485MHz;TX



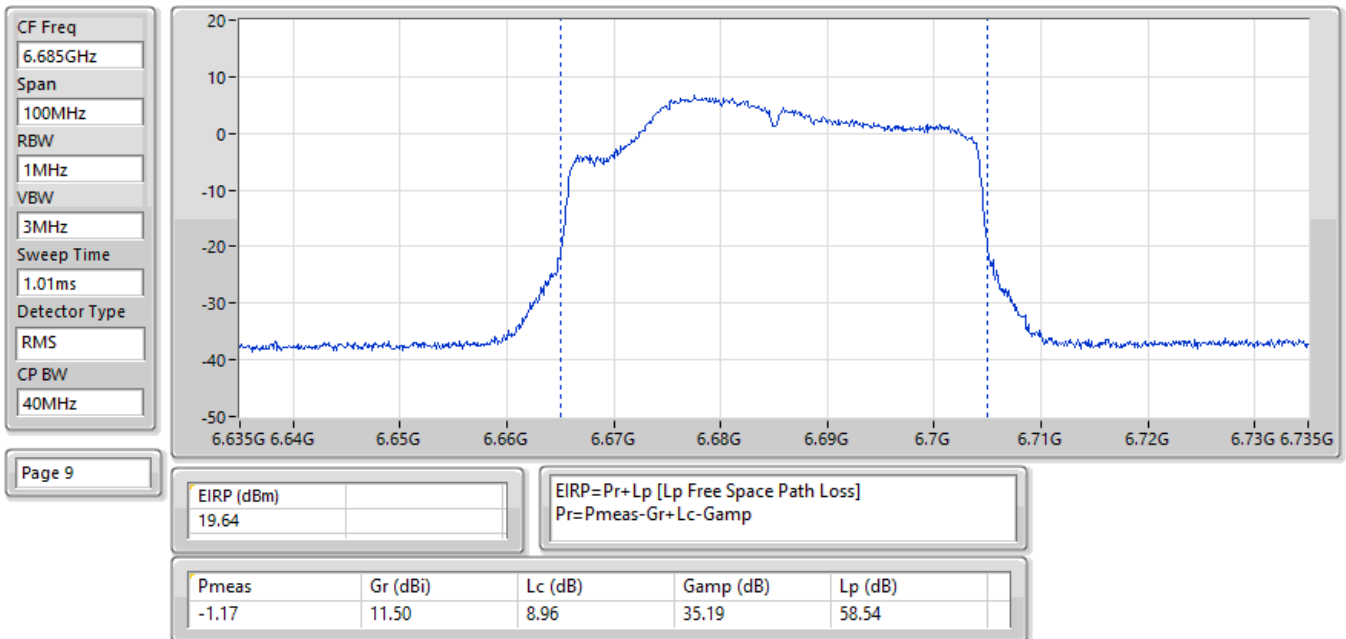
EIRP:Band:6.4G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6525MHz;TX



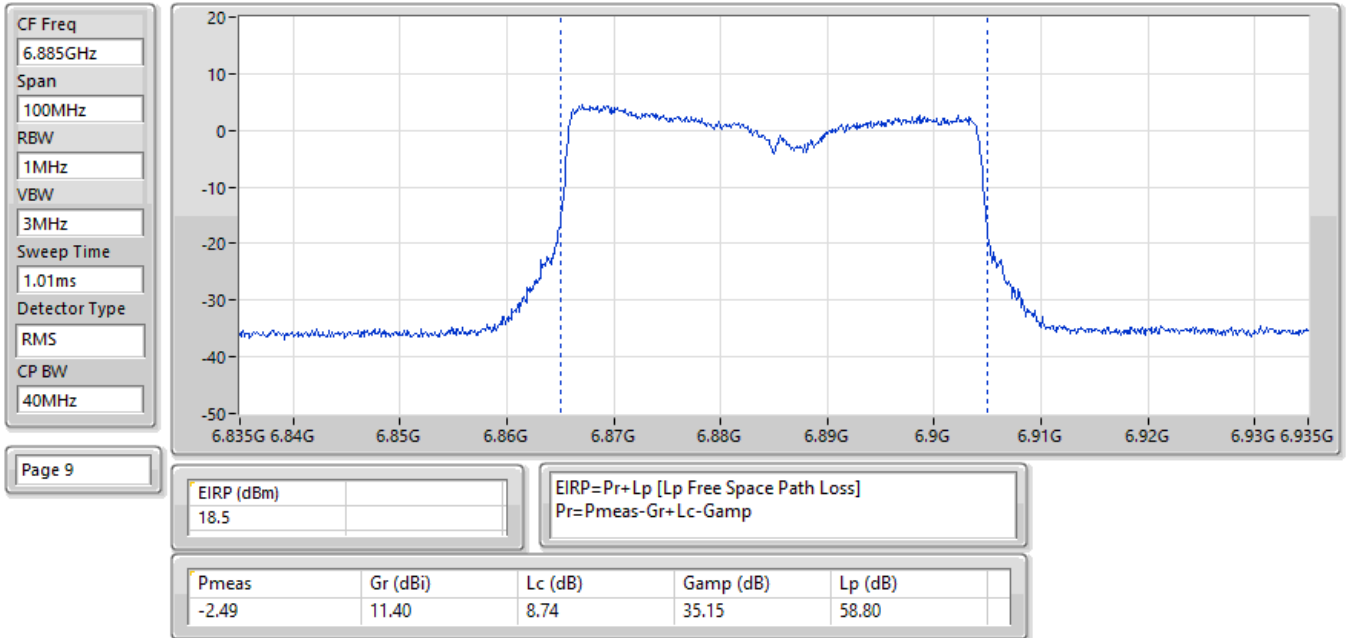
EIRP:Band:6.7G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6565MHz;TX



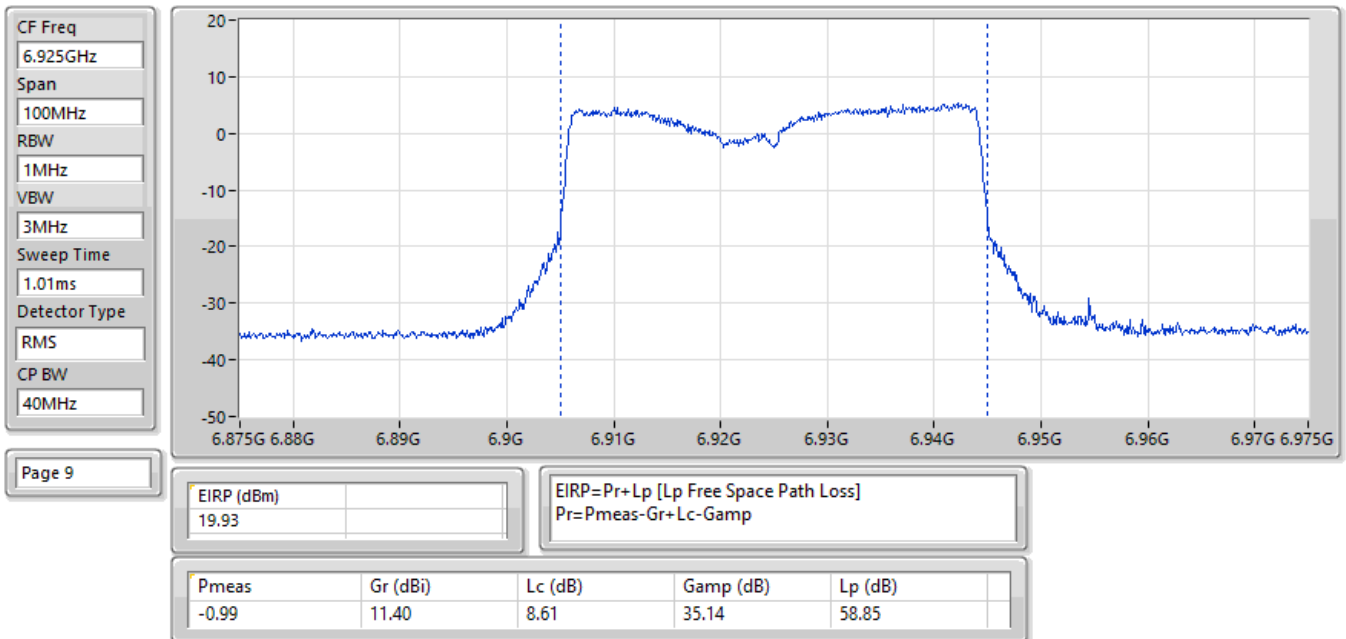
EIRP:Band:6.7G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6685MHz;TX



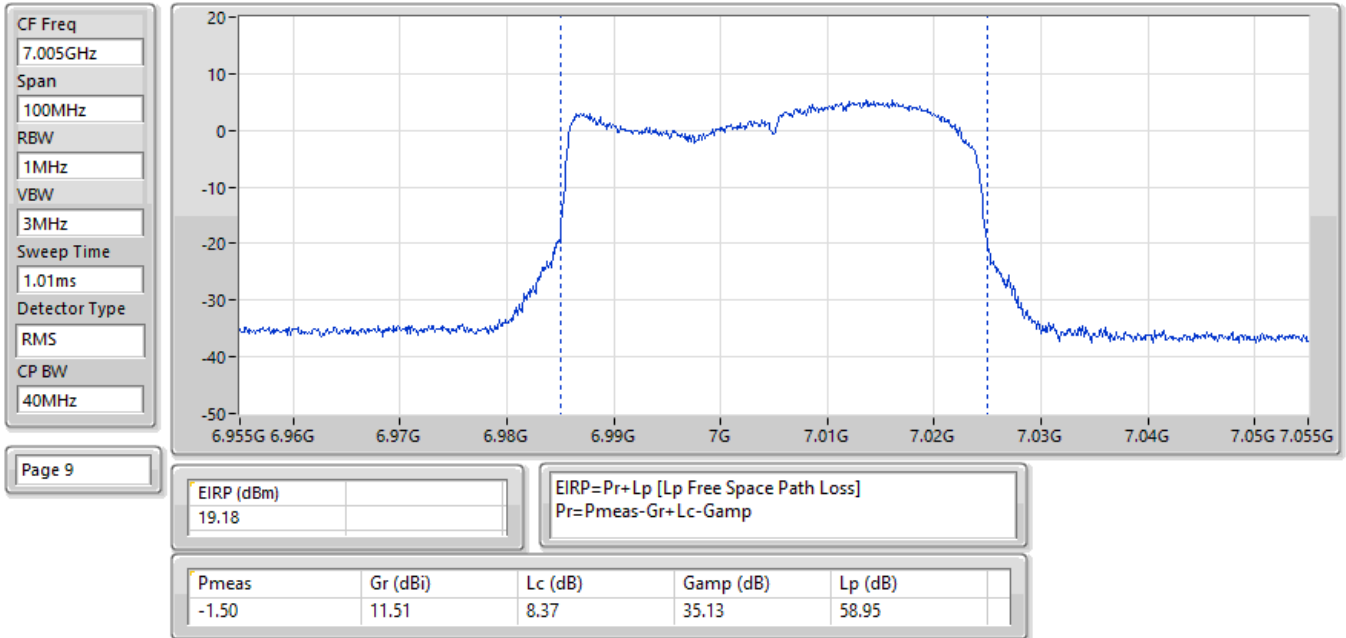
EIRP:Band:6.7G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6885MHz;TX



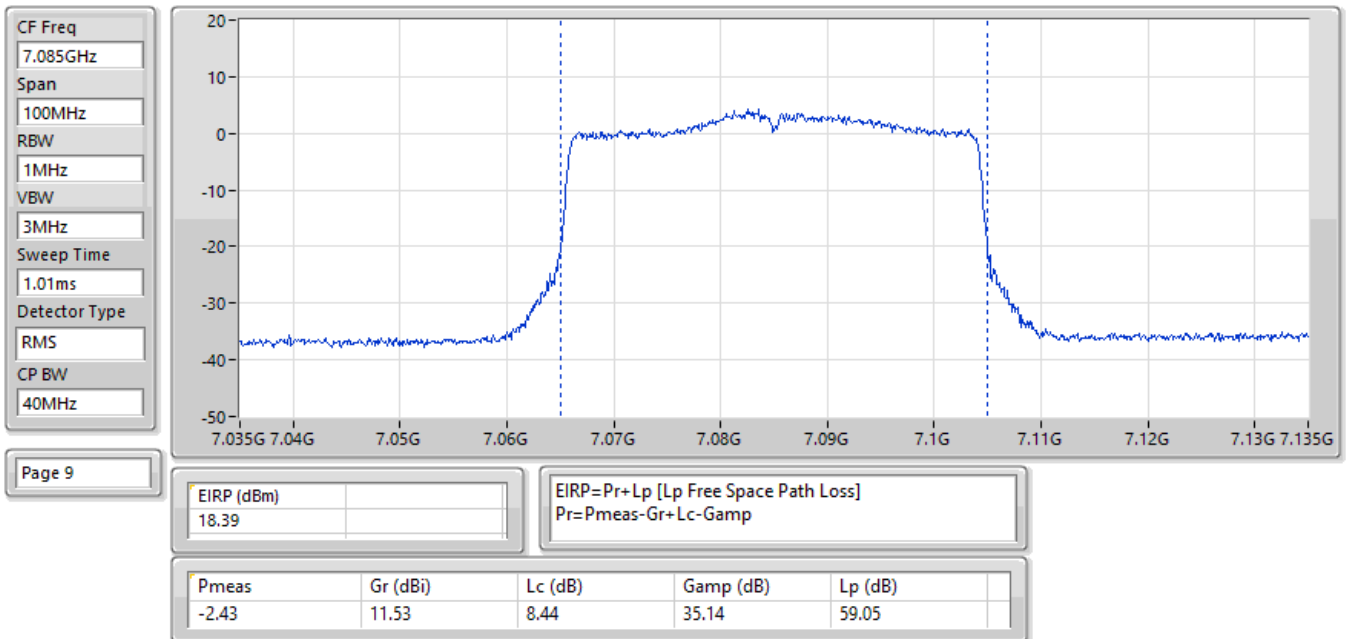
EIRP:Band:7.0G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6925MHz;TX



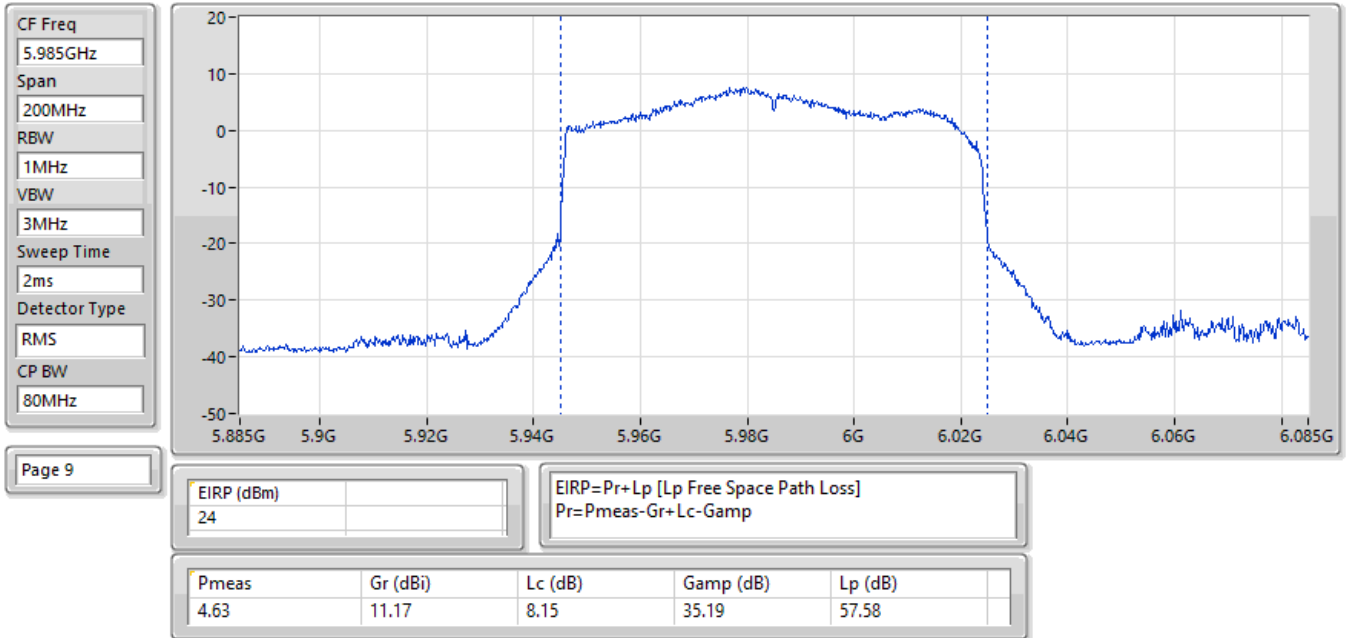
EIRP:Band:7.0G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7005MHz;TX



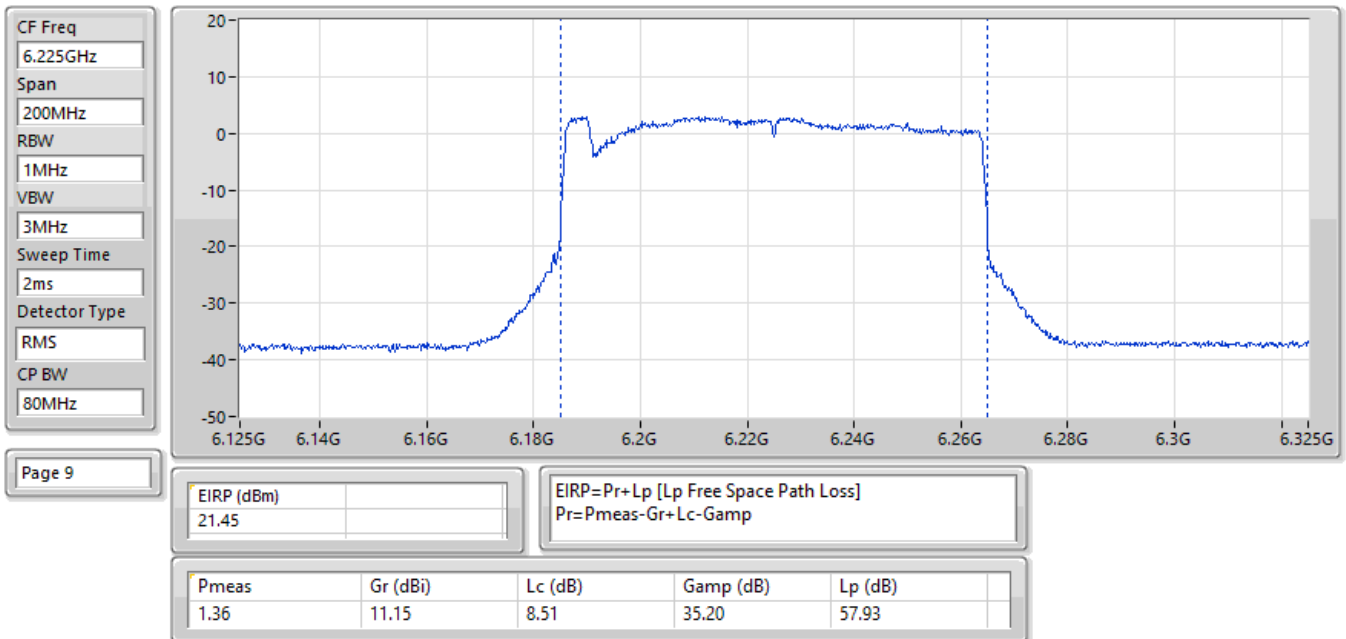
EIRP:Band:7.0G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7085MHz;TX



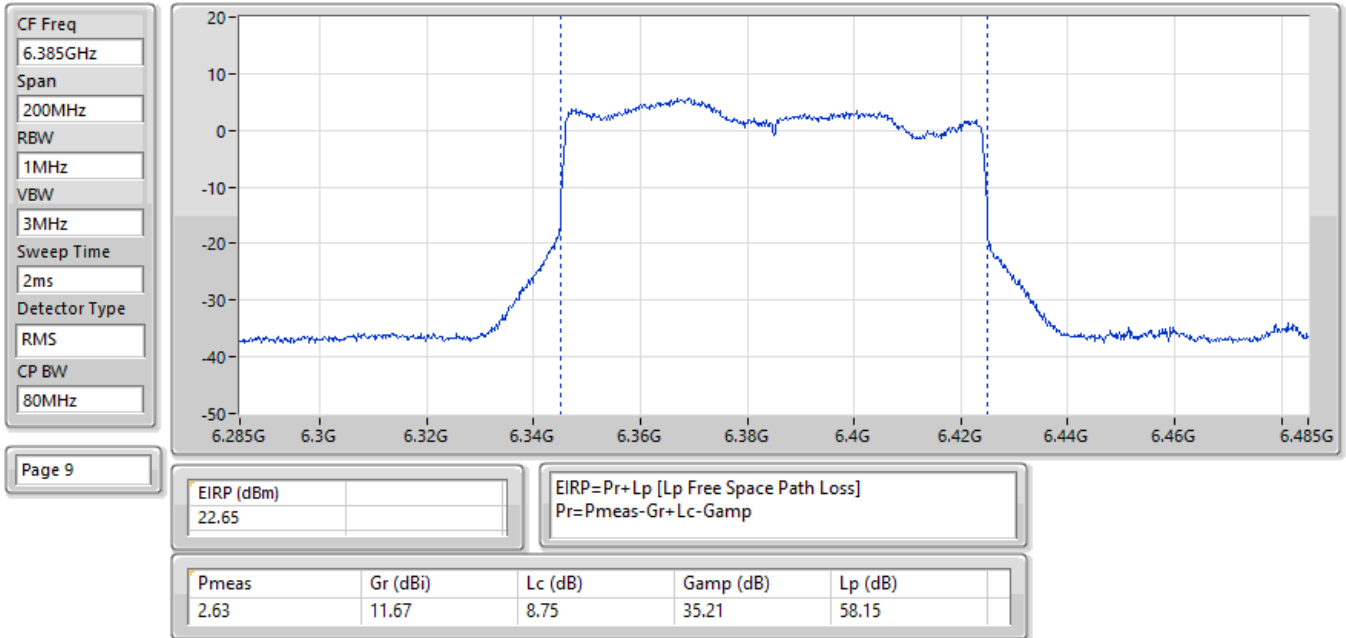
EIRP:Band:6.2G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:5985MHz;TX



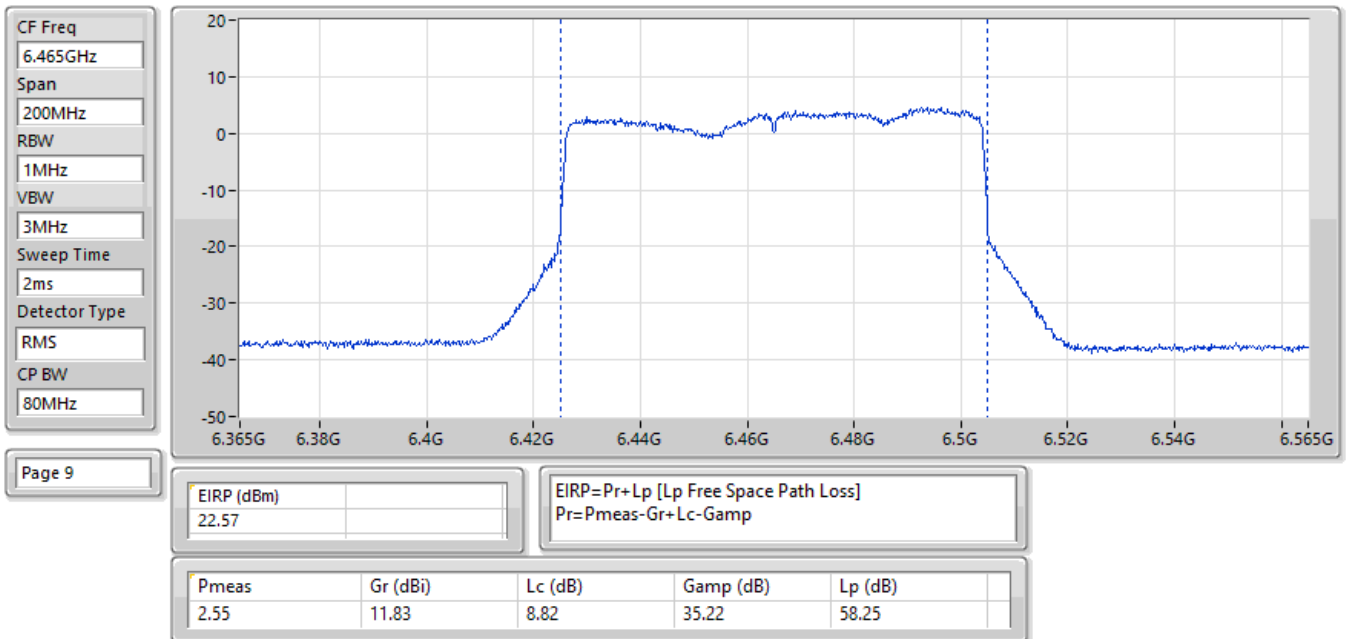
EIRP:Band:6.2G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6225MHz;TX



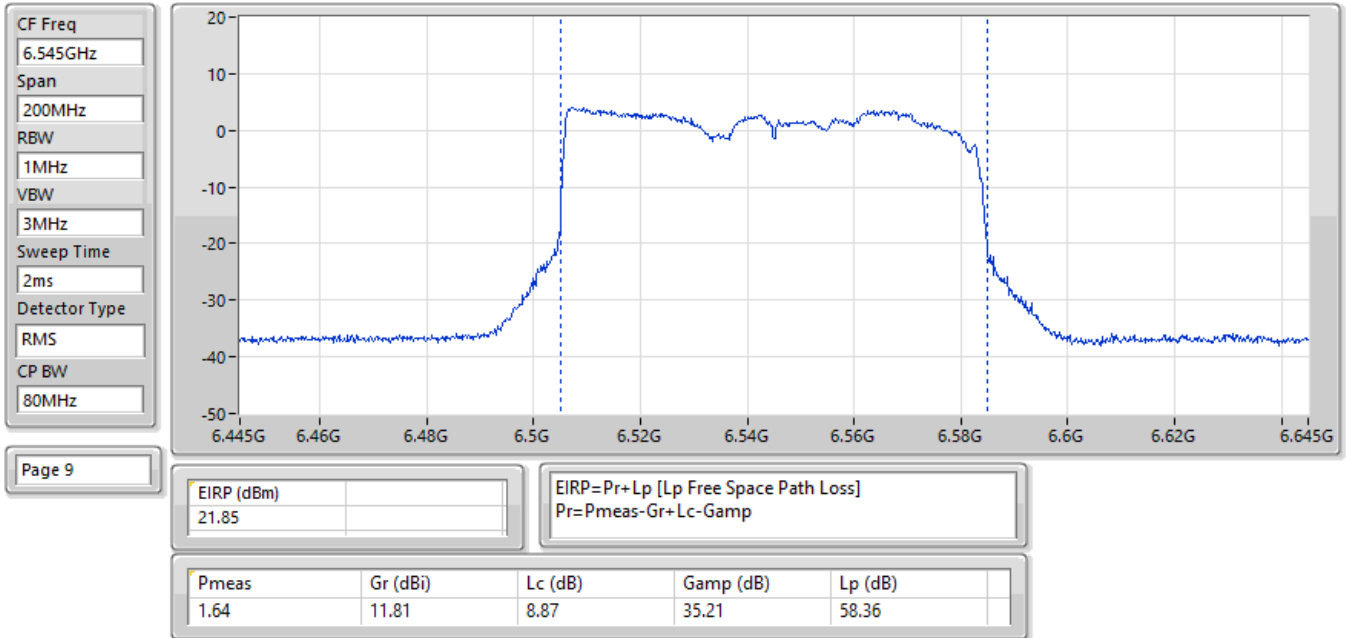
EIRP:Band:6.2G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6385MHz;TX



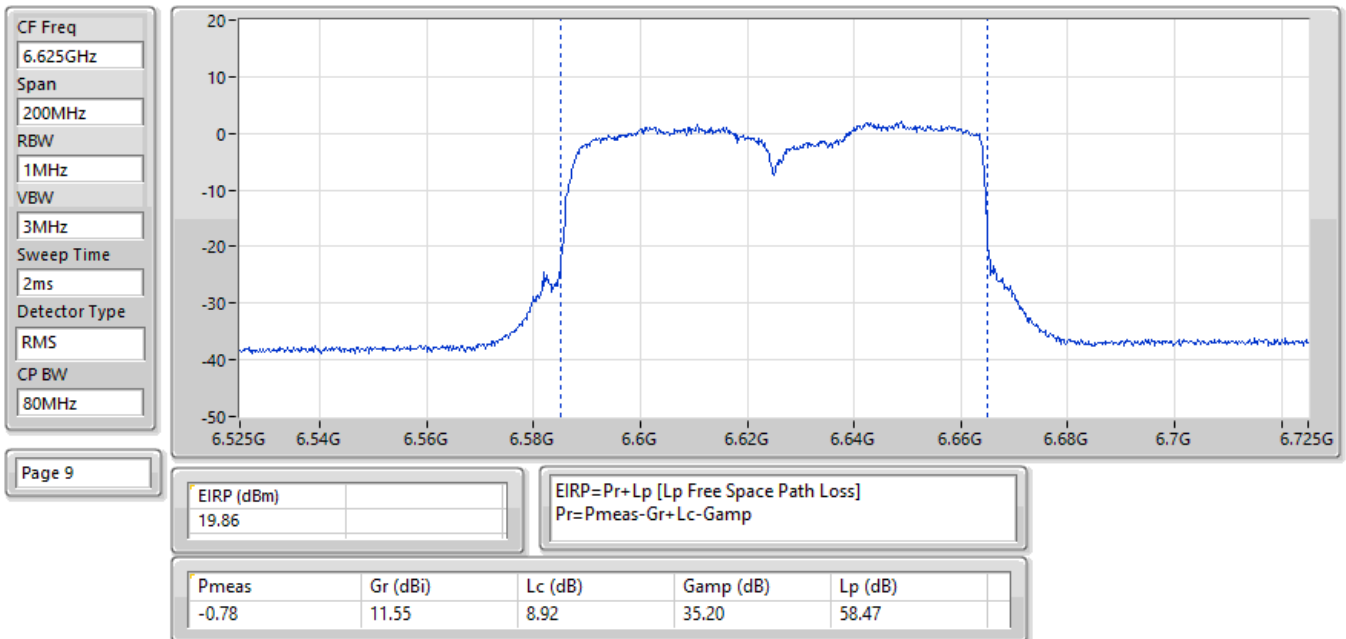
EIRP:Band:6.4G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6465MHz;TX



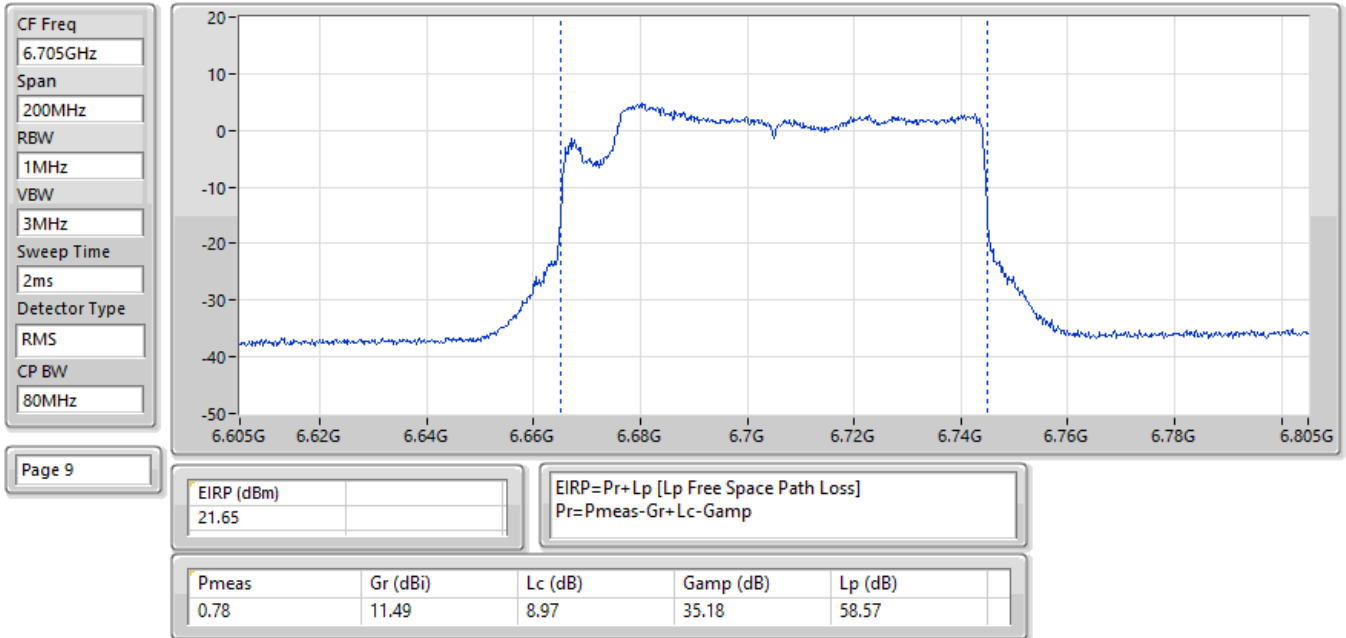
EIRP:Band:6.4G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6545MHz;TX



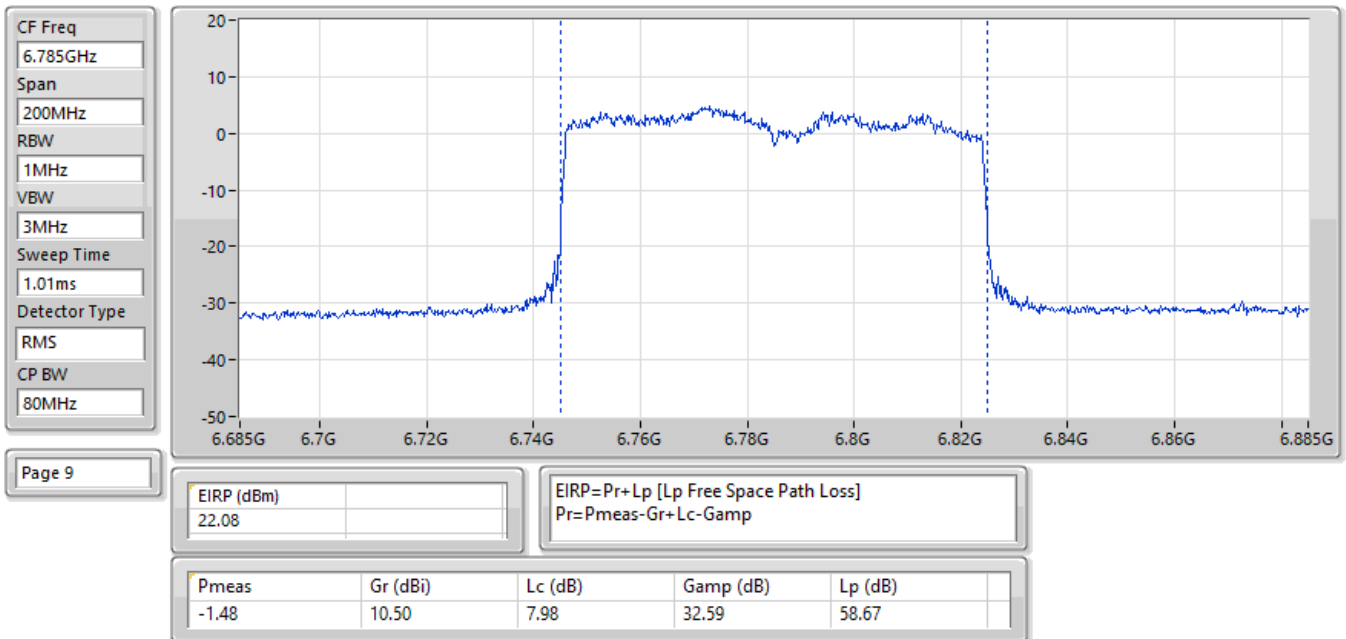
EIRP:Band:6.7G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6625MHz;TX



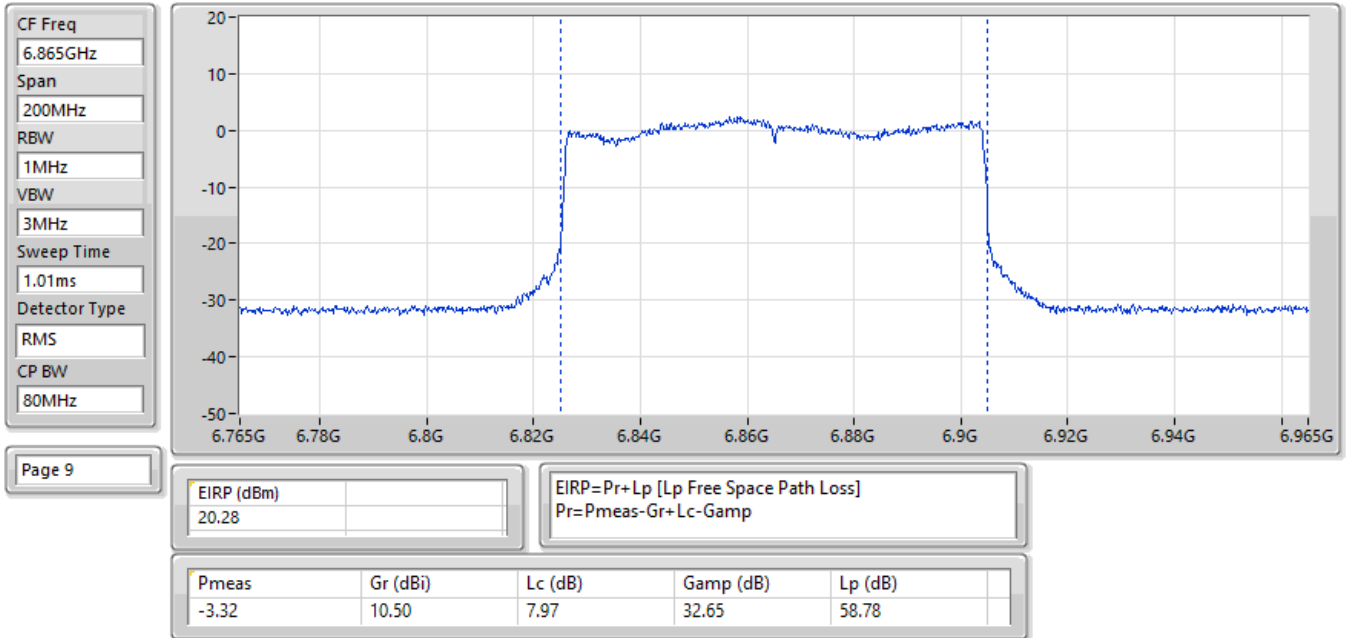
EIRP:Band:6.7G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6705MHz;TX



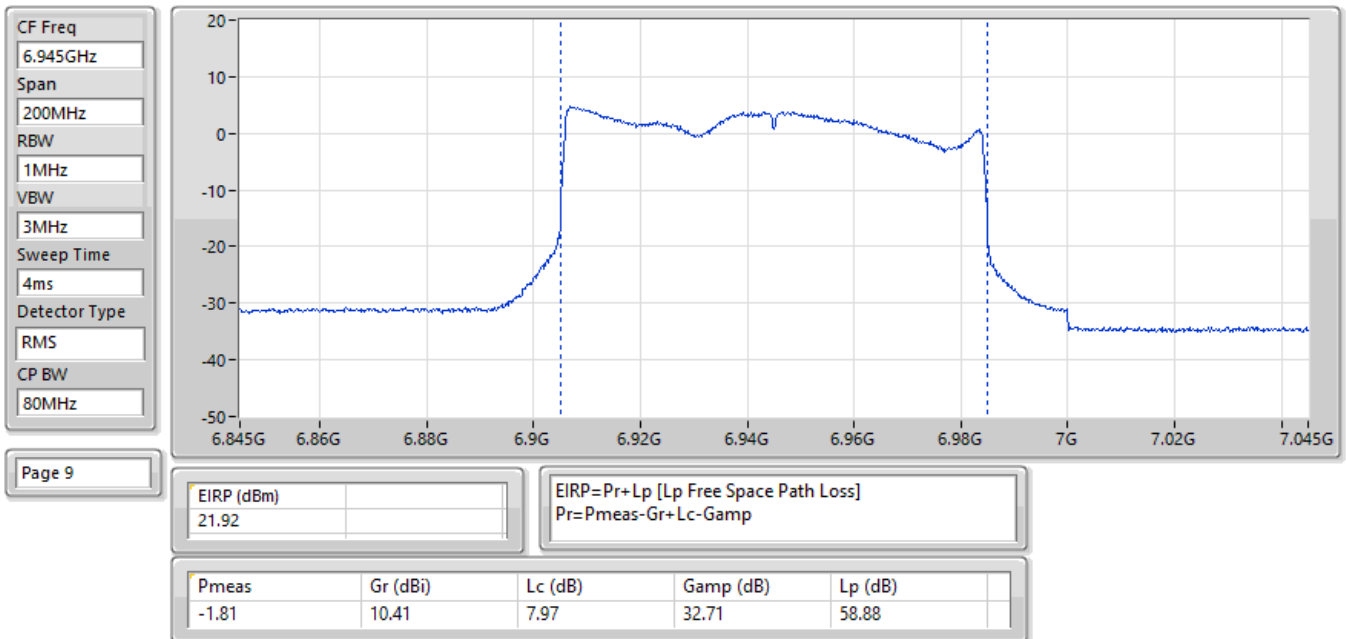
EIRP:Band:6.7G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6785MHz;TX



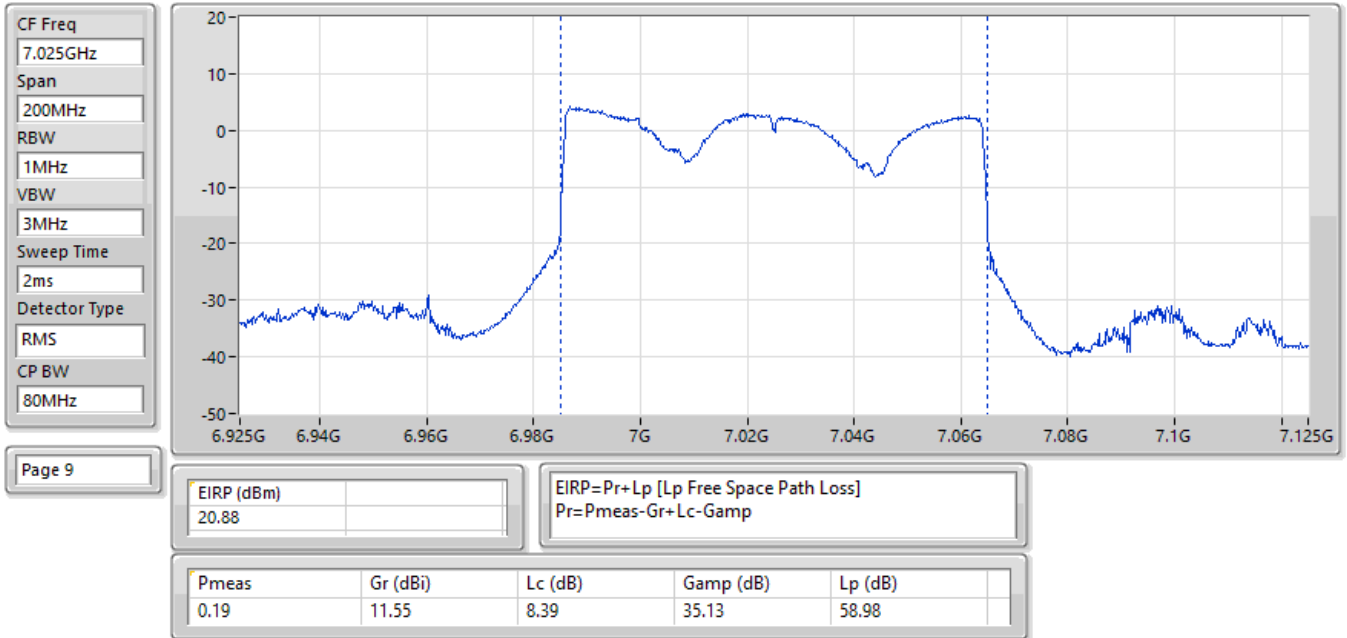
EIRP:Band:6.7G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6865MHz;TX



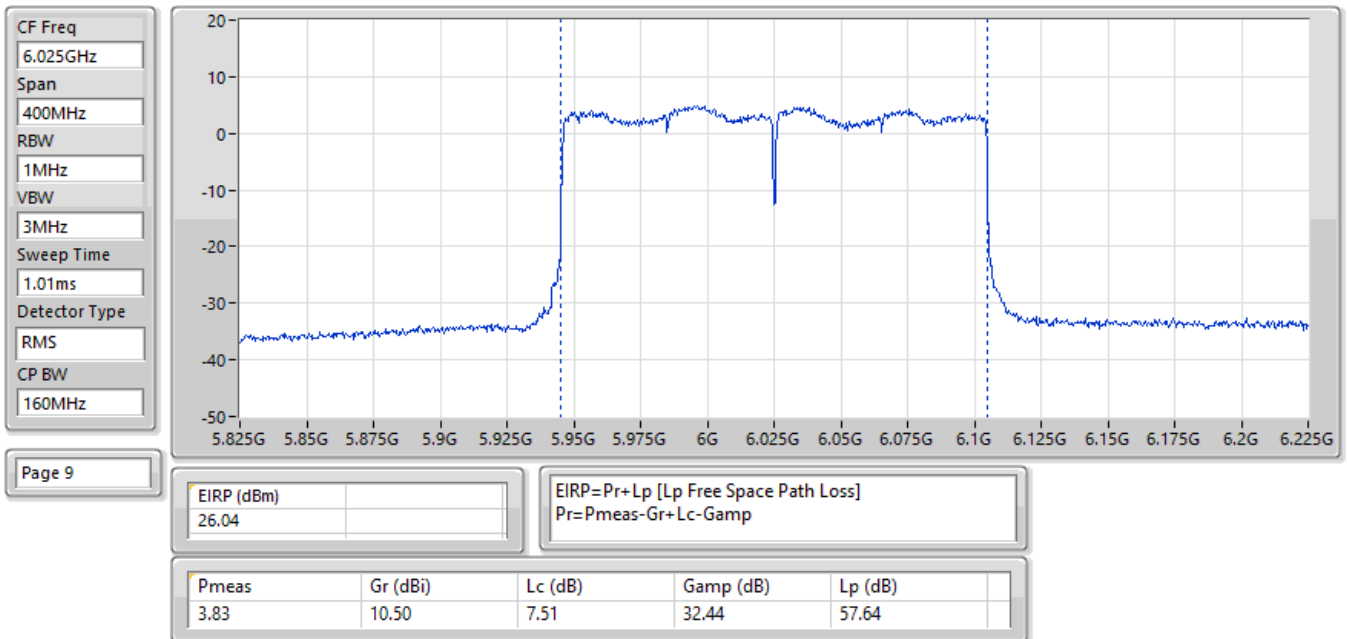
EIRP:Band:7.0G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6945MHz;TX



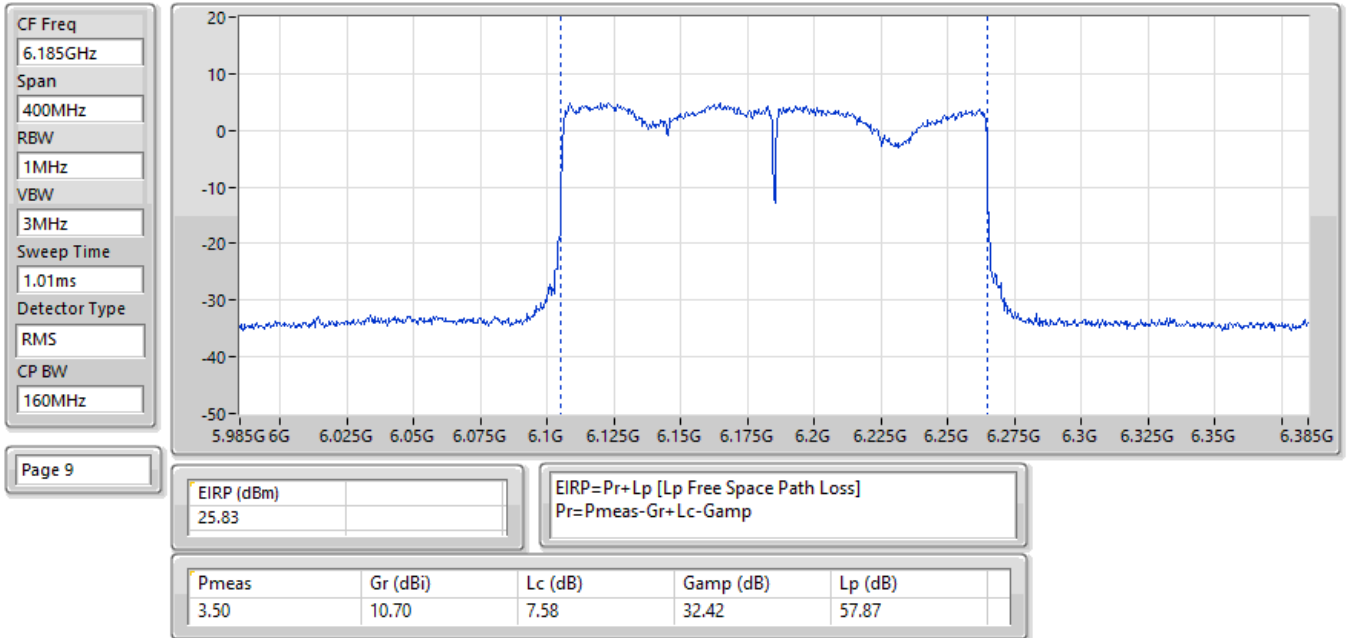
EIRP:Band:7.0G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:7025MHz;TX



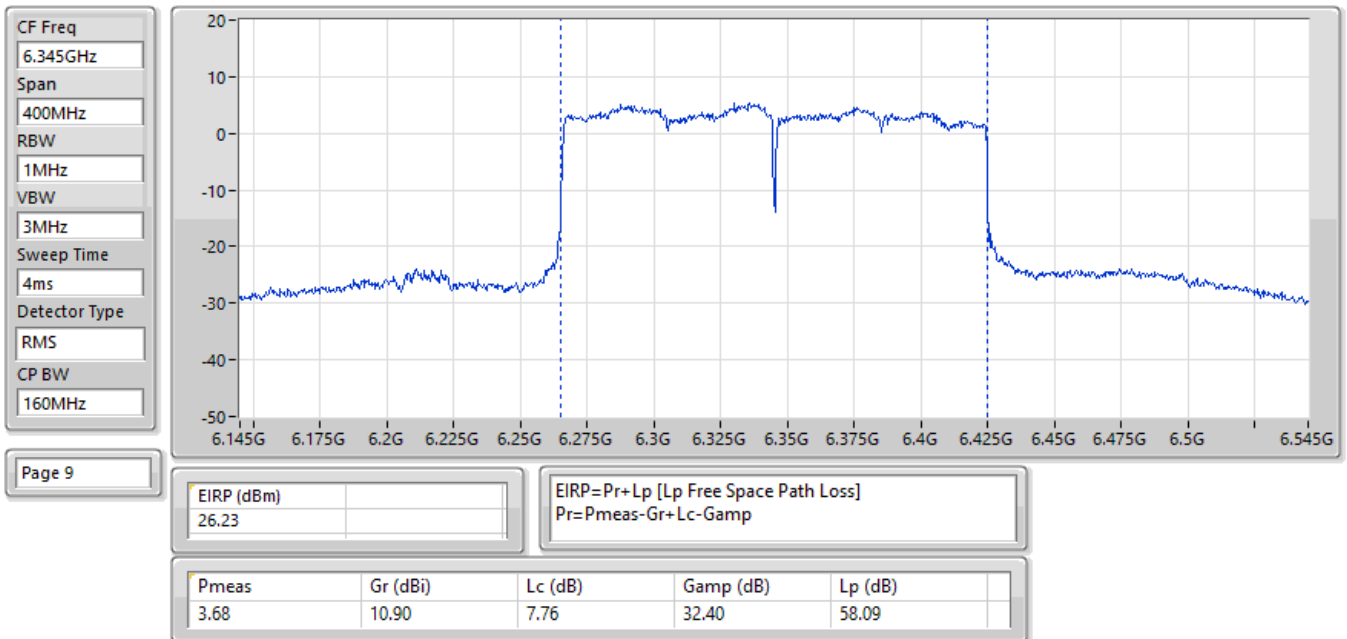
EIRP:Band:6.2G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6025MHz;TX



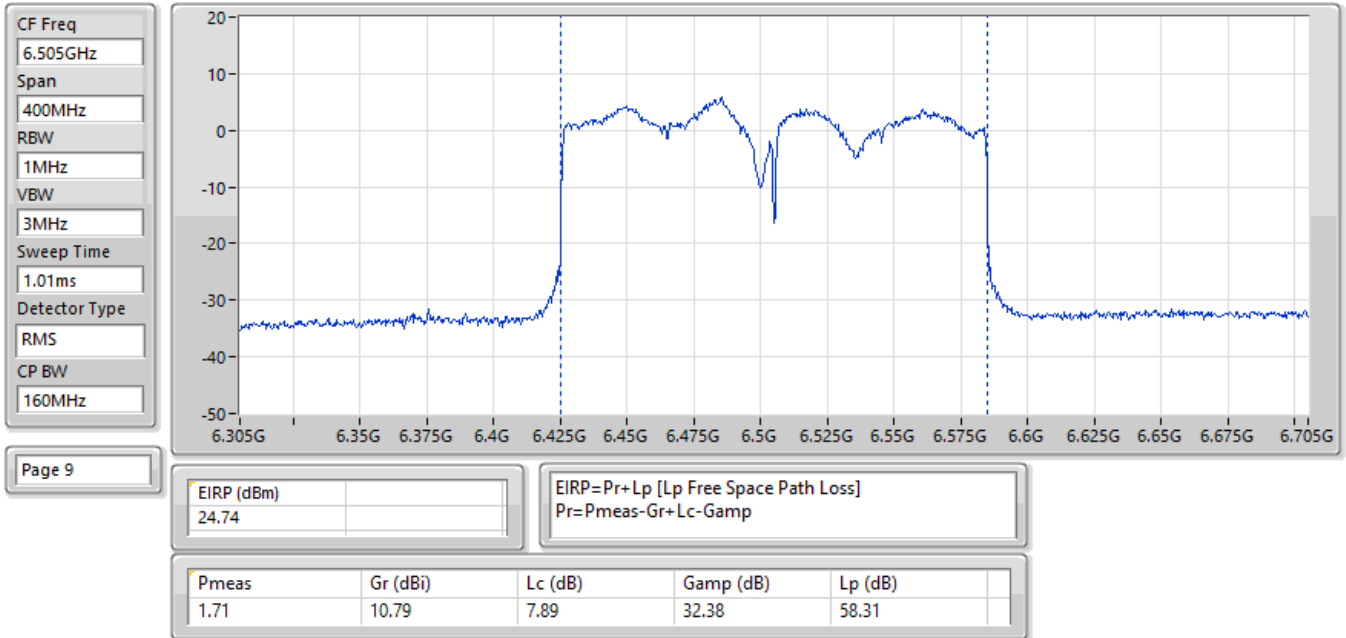
EIRP;Band:6.2G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6185MHz;TX



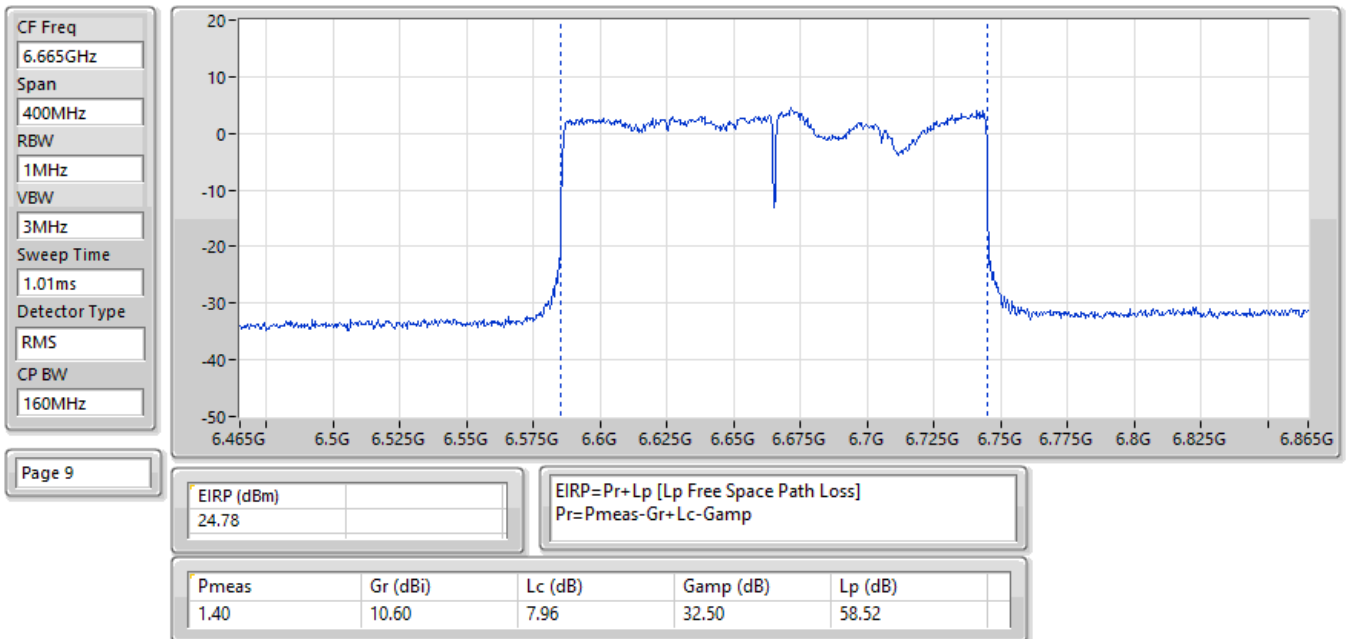
EIRP;Band:6.2G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6345MHz;TX



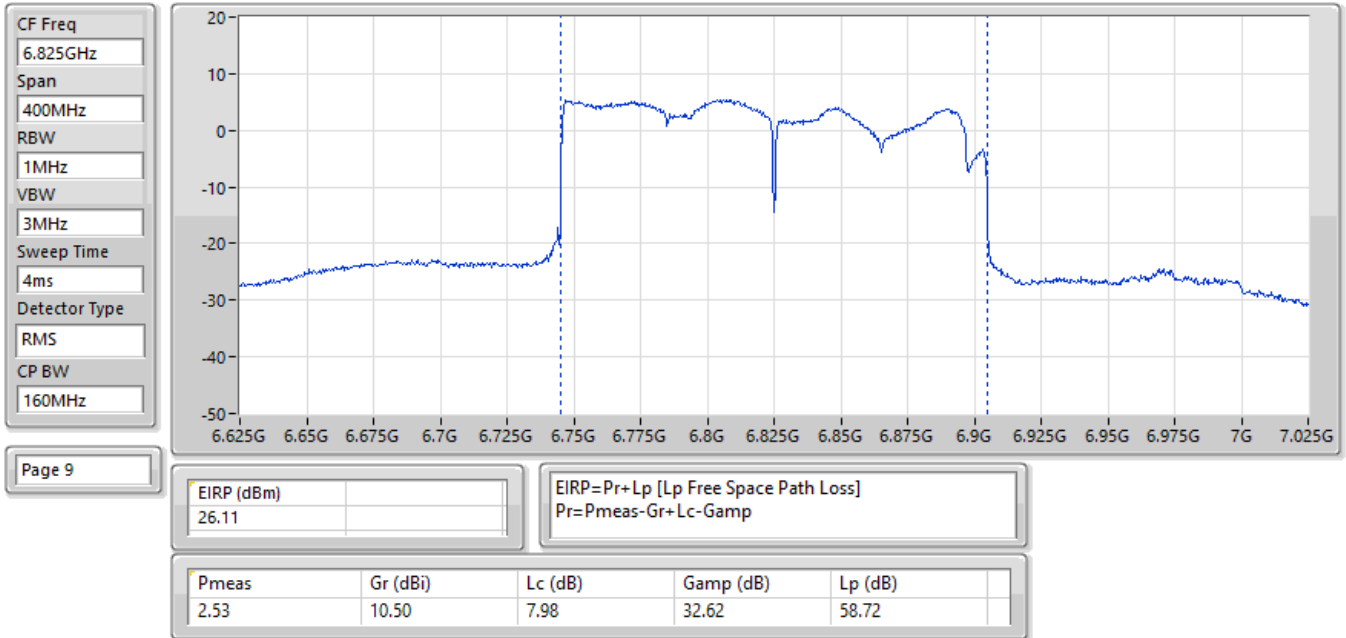
EIRP;Band:6.4G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6505MHz;TX



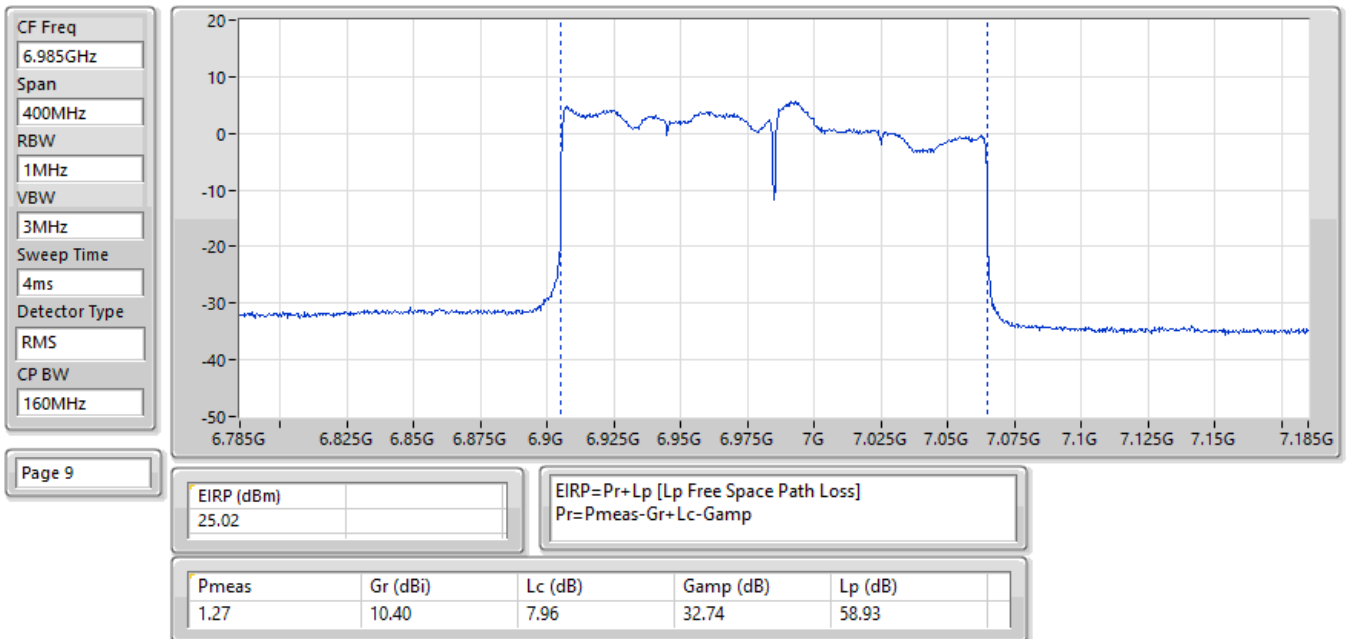
EIRP;Band:6.7G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6665MHz;TX



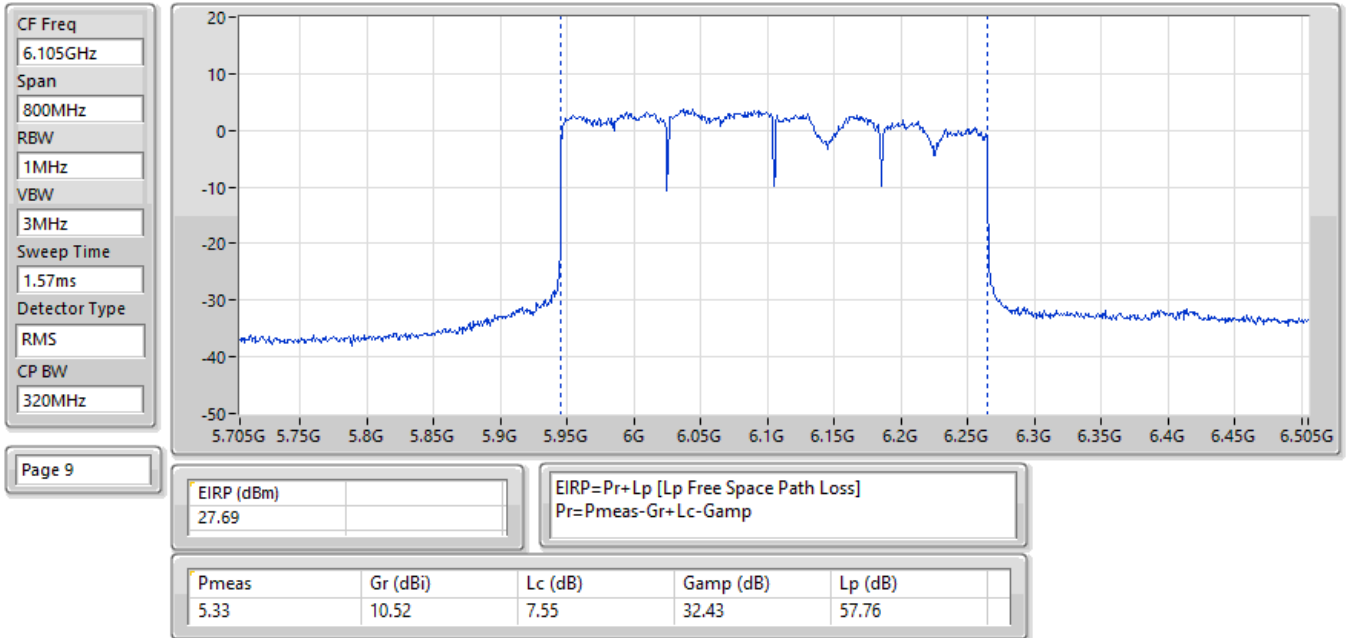
EIRP;Band:6.7G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6825MHz;TX



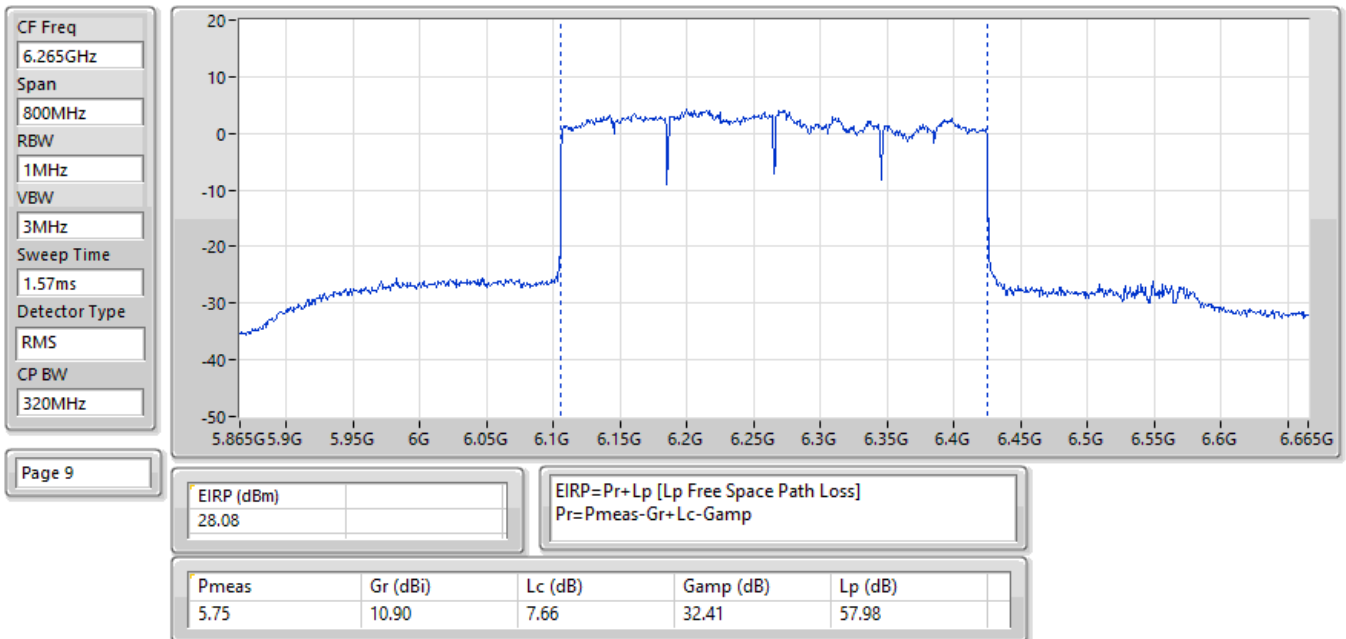
EIRP;Band:7.0G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6985MHz;TX



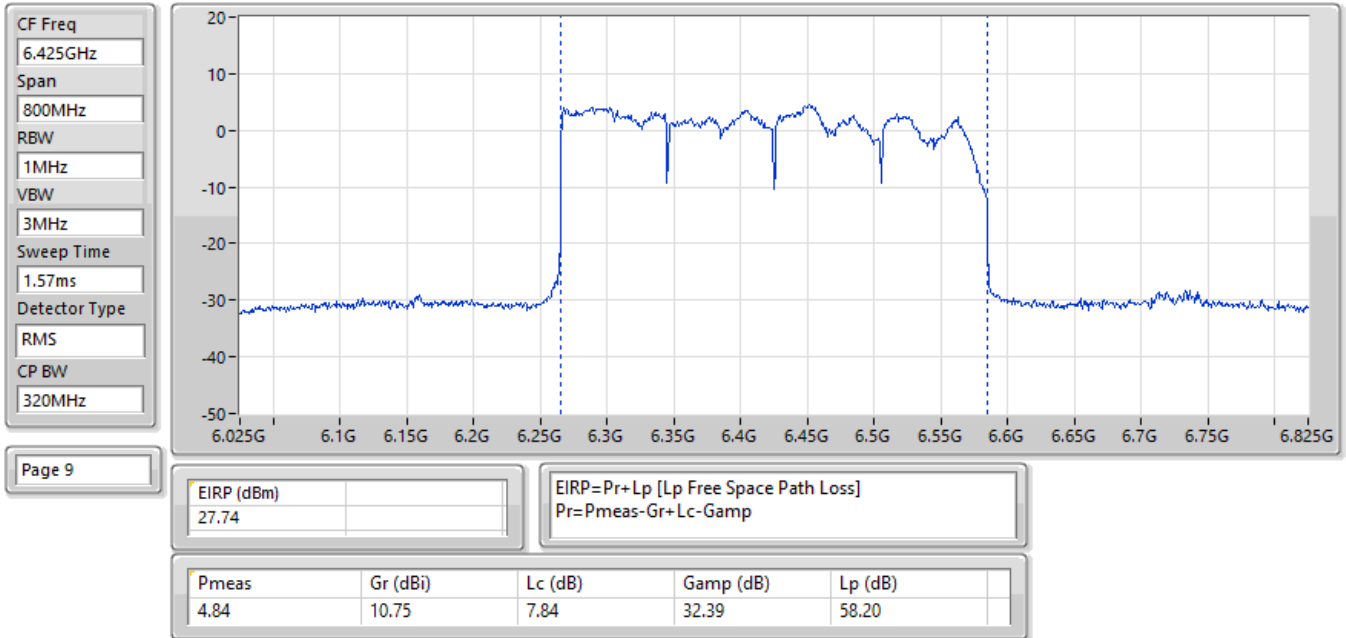
EIRP;Band:6.2G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6105MHz;TX



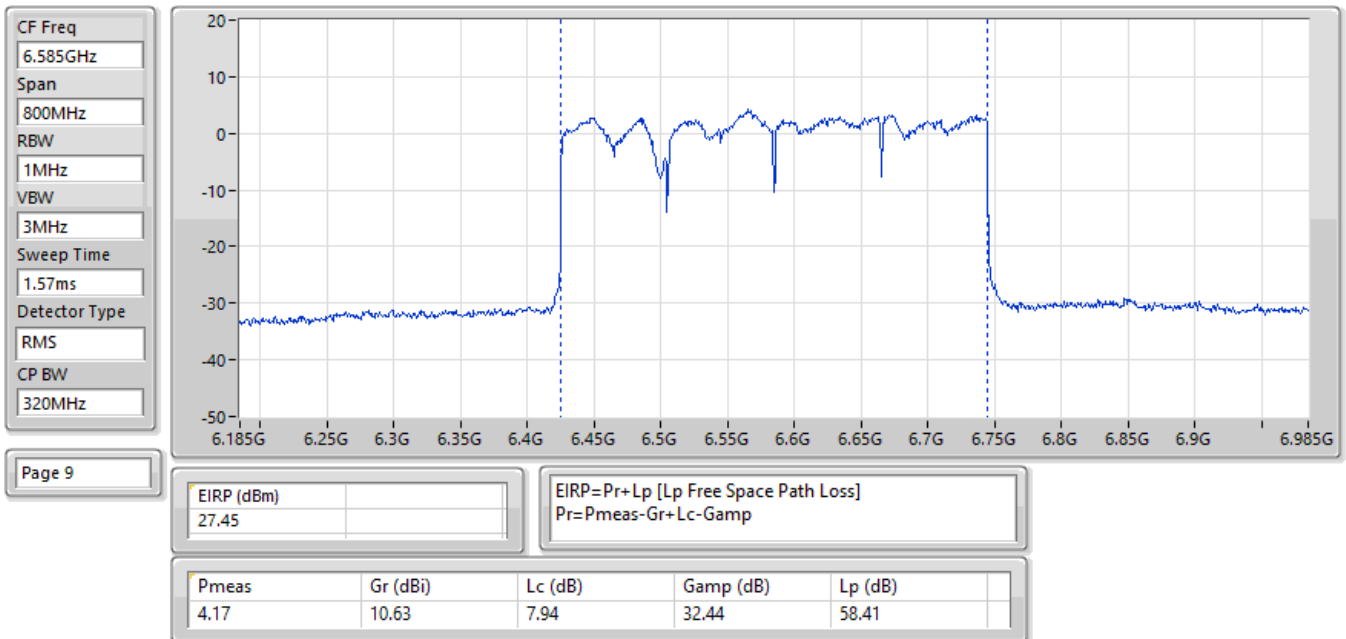
EIRP;Band:6.2G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6265MHz;TX



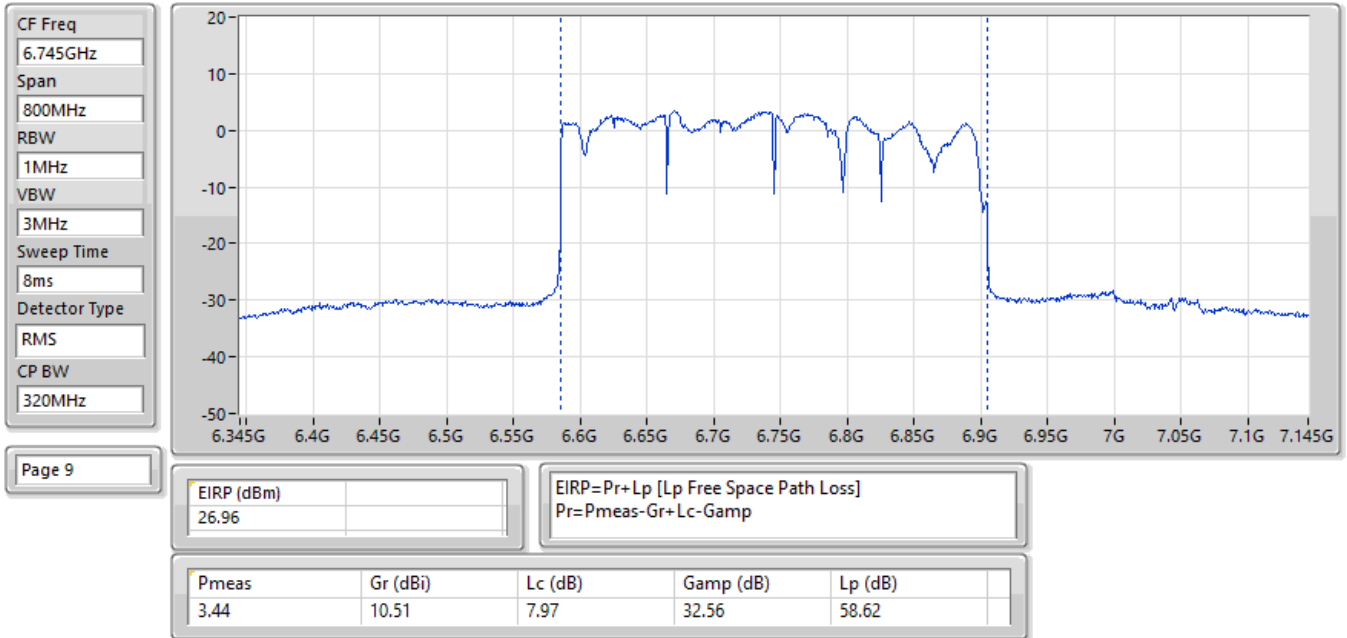
EIRP;Band:6.2G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6425MHz;TX



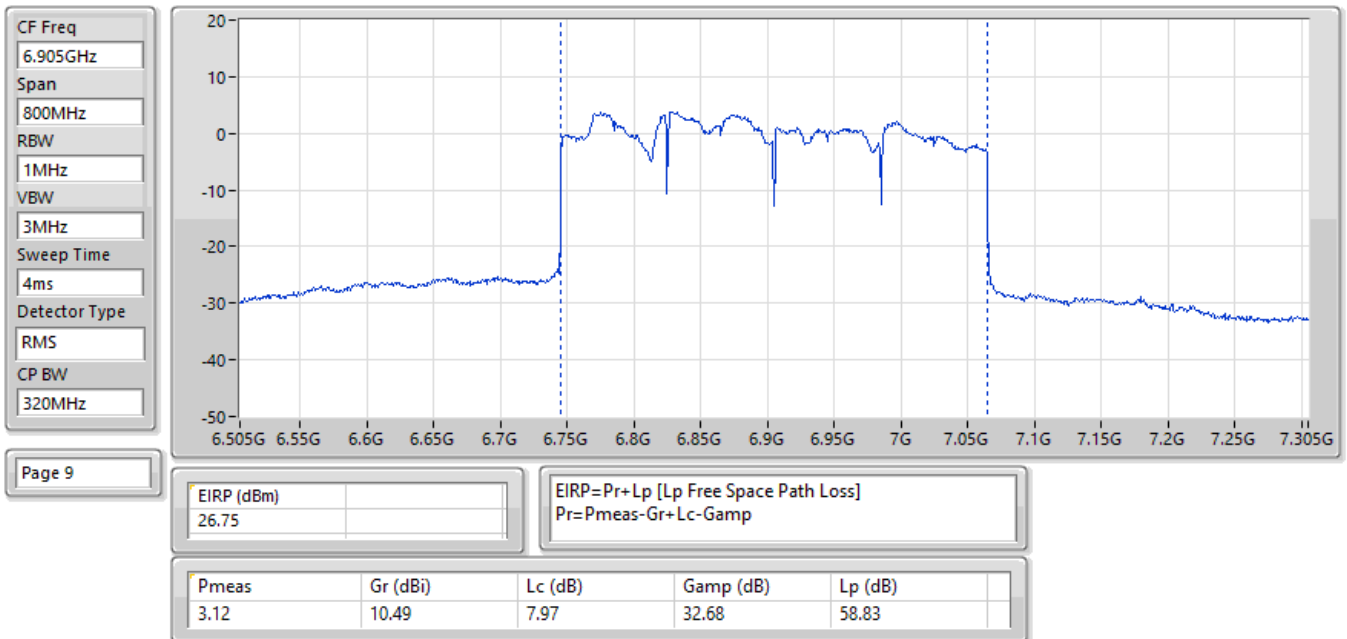
EIRP;Band:6.4G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6585MHz;TX



EIRP;Band:6.7G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6745MHz;TX



EIRP;Band:6.7G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6905MHz;TX



Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT20_Nss1,(MCS0)_4TX	4.94
802.11be EHT20-BF_Nss1,(MCS0)_4TX	4.90
802.11be EHT40_Nss1,(MCS0)_4TX	4.99
802.11be EHT40-BF_Nss1,(MCS0)_4TX	4.87
802.11be EHT80_Nss1,(MCS0)_4TX	4.91
802.11be EHT80-BF_Nss1,(MCS0)_4TX	4.77
802.11be EHT160_Nss1,(MCS0)_4TX	4.83
802.11be EHT160-BF_Nss1,(MCS0)_4TX	4.73
802.11be EHT320_Nss1,(MCS0)_4TX	4.96
802.11be EHT320-BF_Nss1,(MCS0)_4TX	4.50
6.425-6.525GHz	-
802.11be EHT20_Nss1,(MCS0)_4TX	4.90
802.11be EHT20-BF_Nss1,(MCS0)_4TX	4.74
802.11be EHT40_Nss1,(MCS0)_4TX	4.94
802.11be EHT40-BF_Nss1,(MCS0)_4TX	4.77
802.11be EHT80_Nss1,(MCS0)_4TX	4.92
802.11be EHT80-BF_Nss1,(MCS0)_4TX	4.54
802.11be EHT160_Nss1,(MCS0)_4TX	4.67
802.11be EHT160-BF_Nss1,(MCS0)_4TX	4.44
802.11be EHT320_Nss1,(MCS0)_4TX	4.79
802.11be EHT320-BF_Nss1,(MCS0)_4TX	4.73
6.525-6.875GHz	-
802.11be EHT20_Nss1,(MCS0)_4TX	4.99
802.11be EHT20-BF_Nss1,(MCS0)_4TX	4.89
802.11be EHT40_Nss1,(MCS0)_4TX	4.92
802.11be EHT40-BF_Nss1,(MCS0)_4TX	4.98
802.11be EHT80_Nss1,(MCS0)_4TX	4.95
802.11be EHT80-BF_Nss1,(MCS0)_4TX	4.94
802.11be EHT160_Nss1,(MCS0)_4TX	4.90
802.11be EHT160-BF_Nss1,(MCS0)_4TX	4.66
802.11be EHT320_Nss1,(MCS0)_4TX	4.71
802.11be EHT320-BF_Nss1,(MCS0)_4TX	4.06
6.875-7.125GHz	-
802.11be EHT20_Nss1,(MCS0)_4TX	4.71
802.11be EHT20-BF_Nss1,(MCS0)_4TX	4.67
802.11be EHT40_Nss1,(MCS0)_4TX	4.84
802.11be EHT40-BF_Nss1,(MCS0)_4TX	4.75
802.11be EHT80_Nss1,(MCS0)_4TX	4.78
802.11be EHT80-BF_Nss1,(MCS0)_4TX	4.99
802.11be EHT160_Nss1,(MCS0)_4TX	4.84
802.11be EHT160-BF_Nss1,(MCS0)_4TX	4.41

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

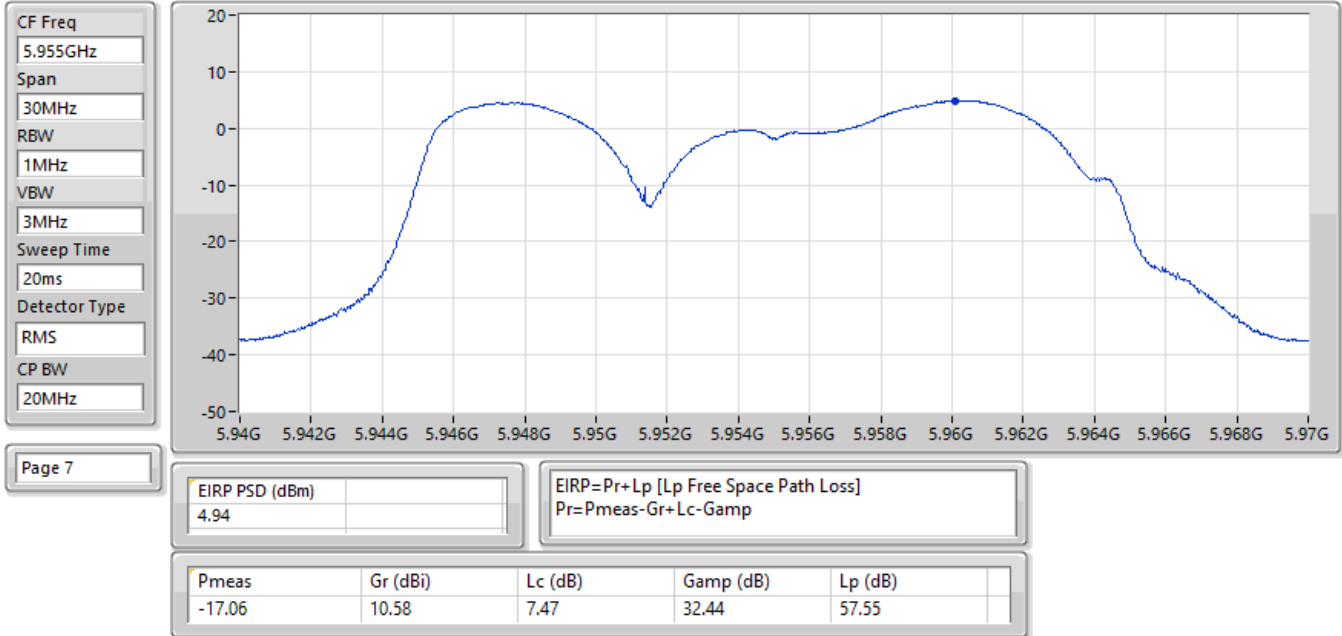
Result

Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	4.94	5.00
6195MHz	Pass	4.86	5.00
6415MHz	Pass	4.58	5.00
6435MHz	Pass	4.85	5.00
6475MHz	Pass	4.68	5.00
6515MHz	Pass	4.90	5.00
6535MHz	Pass	4.83	5.00
6695MHz	Pass	4.76	5.00
6875MHz	Pass	4.99	5.00
6895MHz	Pass	4.67	5.00
6995MHz	Pass	4.56	5.00
7095MHz	Pass	4.71	5.00
7115MHz	Pass	-0.37	5.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	4.95	5.00
6205MHz	Pass	4.99	5.00
6405MHz	Pass	4.93	5.00
6445MHz	Pass	4.55	5.00
6485MHz	Pass	4.61	5.00
6525MHz	Pass	4.94	5.00
6565MHz	Pass	4.53	5.00
6685MHz	Pass	4.92	5.00
6885MHz	Pass	4.88	5.00
6925MHz	Pass	4.80	5.00
7005MHz	Pass	4.84	5.00
7085MHz	Pass	4.70	5.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	4.91	5.00
6225MHz	Pass	4.62	5.00
6385MHz	Pass	4.80	5.00
6465MHz	Pass	4.87	5.00
6545MHz	Pass	4.92	5.00
6625MHz	Pass	4.95	5.00
6705MHz	Pass	4.70	5.00
6785MHz	Pass	4.83	5.00
6865MHz	Pass	4.55	5.00
6945MHz	Pass	4.69	5.00
7025MHz	Pass	4.78	5.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	4.73	5.00
6185MHz	Pass	4.83	5.00
6345MHz	Pass	4.57	5.00
6505MHz	Pass	4.67	5.00
6665MHz	Pass	4.90	5.00
6825MHz	Pass	4.66	5.00
6985MHz	Pass	4.84	5.00
802.11be EHT320_Nss1,(MCS0)_4TX	-	-	-
6105MHz	Pass	4.91	5.00
6265MHz	Pass	4.96	5.00
6425MHz	Pass	4.67	5.00
6585MHz	Pass	4.79	5.00
6745MHz	Pass	4.71	5.00
6905MHz	Pass	4.54	5.00
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-

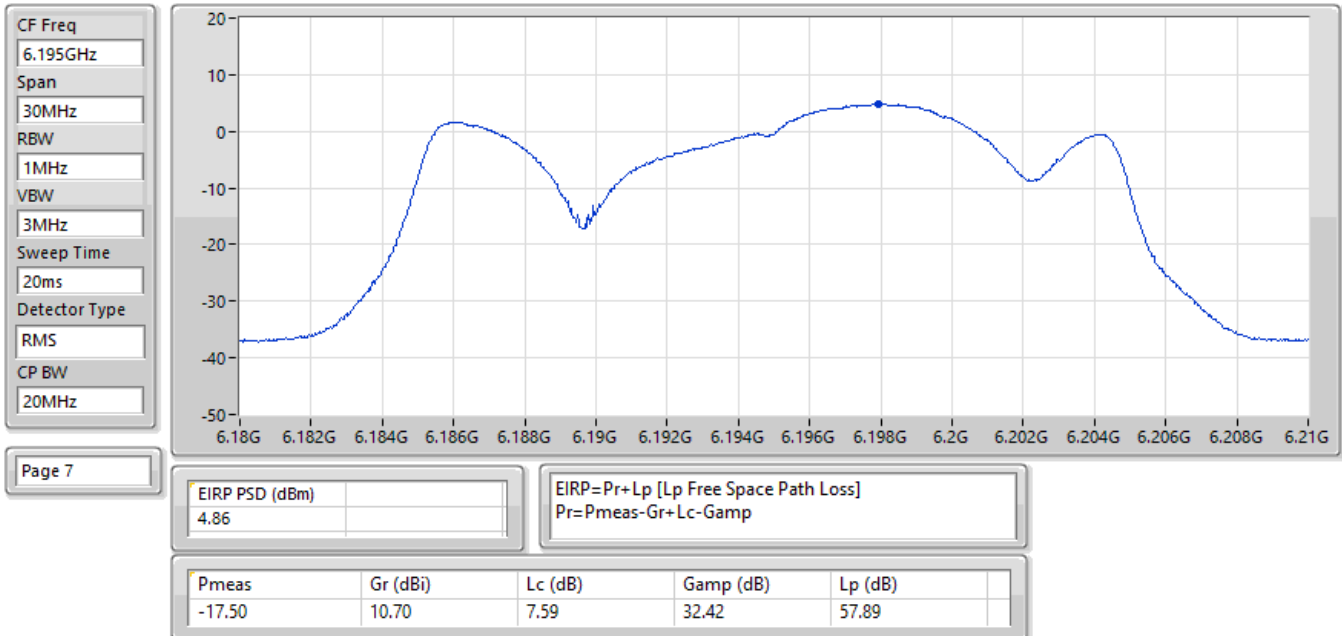
5955MHz	Pass	4.90	5.00
6195MHz	Pass	4.80	5.00
6415MHz	Pass	4.44	5.00
6435MHz	Pass	4.47	5.00
6475MHz	Pass	4.11	5.00
6515MHz	Pass	4.74	5.00
6535MHz	Pass	4.63	5.00
6695MHz	Pass	4.89	5.00
6875MHz	Pass	4.80	5.00
6895MHz	Pass	4.33	5.00
6995MHz	Pass	4.67	5.00
7095MHz	Pass	4.60	5.00
7115MHz	Pass	-1.51	5.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	4.87	5.00
6205MHz	Pass	4.71	5.00
6405MHz	Pass	4.81	5.00
6445MHz	Pass	4.77	5.00
6485MHz	Pass	4.48	5.00
6525MHz	Pass	4.56	5.00
6565MHz	Pass	4.98	5.00
6685MHz	Pass	4.73	5.00
6885MHz	Pass	4.31	5.00
6925MHz	Pass	4.73	5.00
7005MHz	Pass	4.75	5.00
7085MHz	Pass	4.54	5.00
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	4.68	5.00
6225MHz	Pass	4.57	5.00
6385MHz	Pass	4.77	5.00
6465MHz	Pass	4.51	5.00
6545MHz	Pass	4.54	5.00
6625MHz	Pass	4.33	5.00
6705MHz	Pass	4.94	5.00
6785MHz	Pass	4.52	5.00
6865MHz	Pass	4.62	5.00
6945MHz	Pass	4.70	5.00
7025MHz	Pass	4.99	5.00
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	4.73	5.00
6185MHz	Pass	4.31	5.00
6345MHz	Pass	4.29	5.00
6505MHz	Pass	4.44	5.00
6665MHz	Pass	4.45	5.00
6825MHz	Pass	4.66	5.00
6985MHz	Pass	4.41	5.00
802.11be EHT320-BF_Nss1,(MCS0)_4TX	-	-	-
6105MHz	Pass	4.29	5.00
6265MHz	Pass	4.50	5.00
6425MHz	Pass	4.23	5.00
6585MHz	Pass	4.73	5.00
6745MHz	Pass	4.06	5.00
6905MHz	Pass	4.01	5.00

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

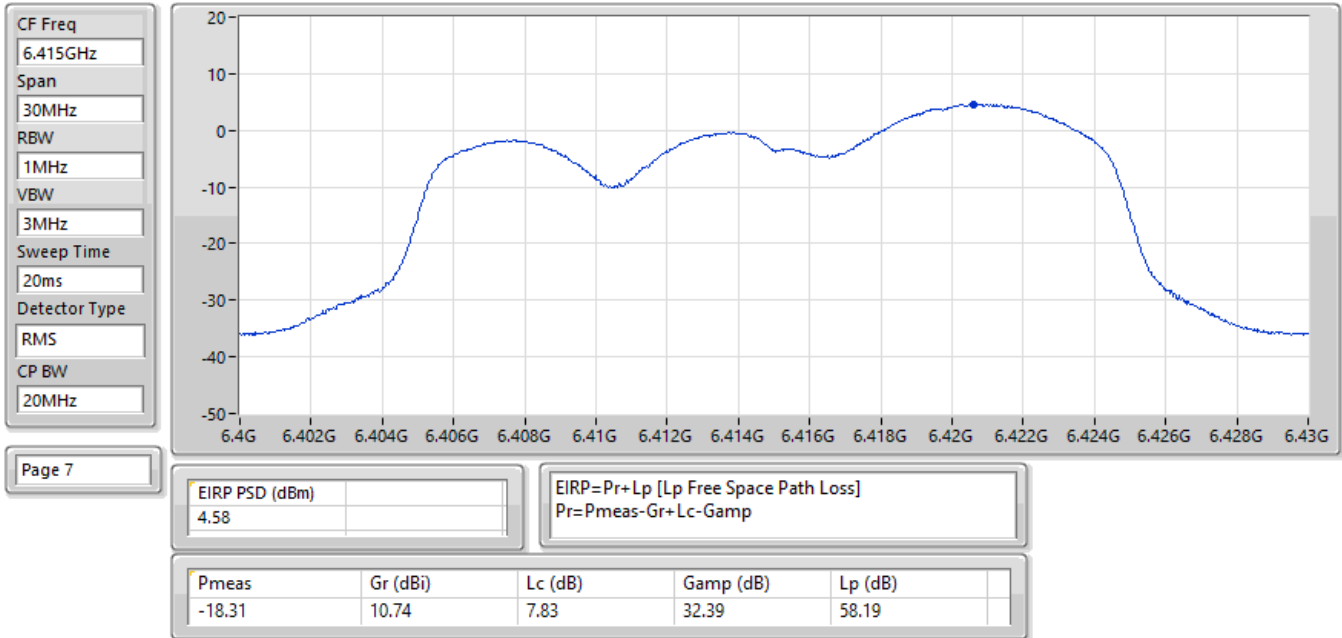
EIRP PSD;Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5955MHz;TX



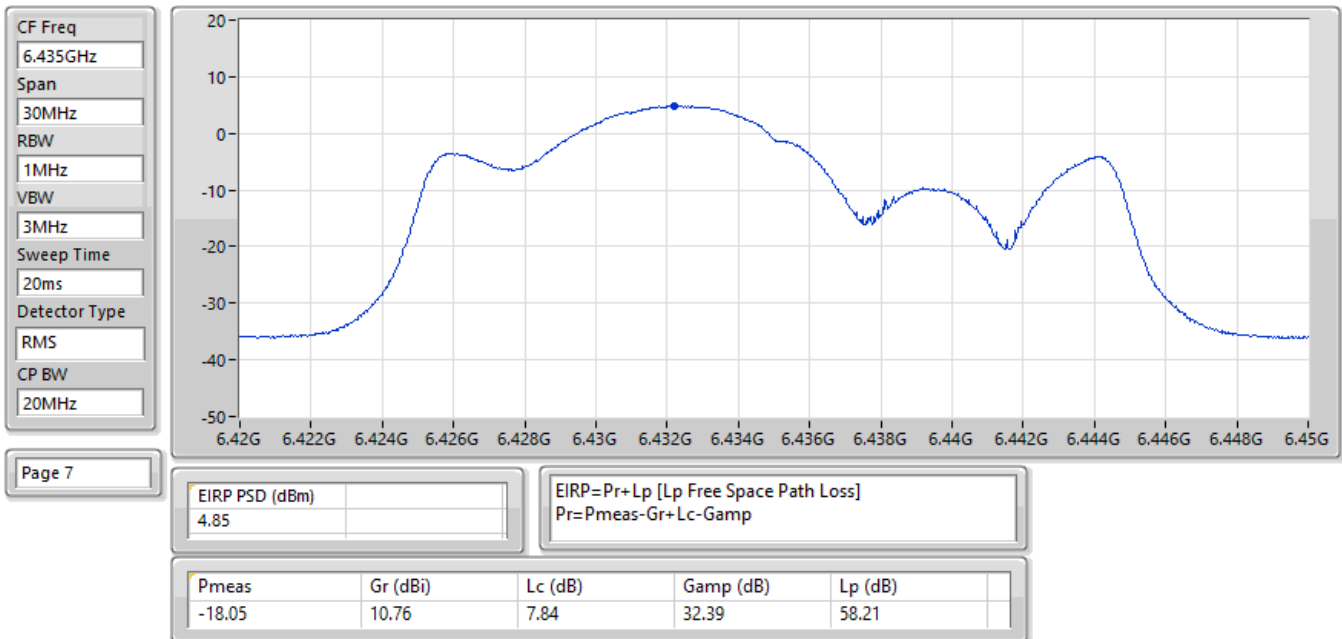
EIRP PSD;Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6195MHz;TX



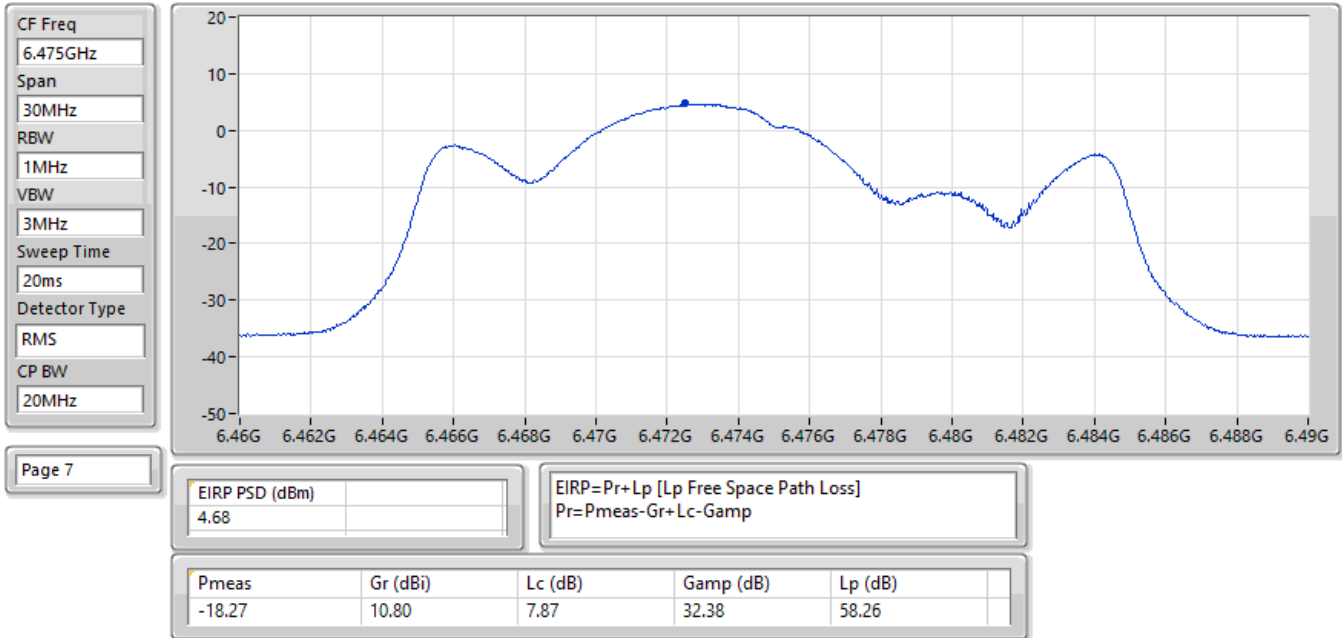
EIRP PSD;Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6415MHz;TX



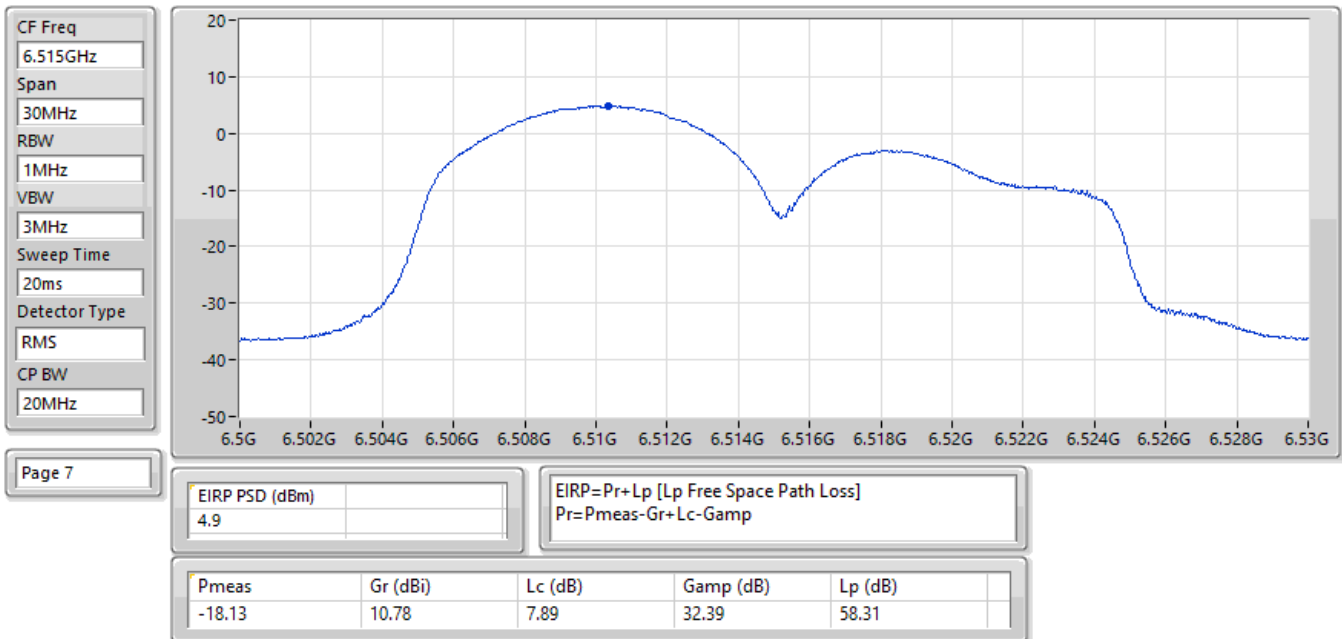
EIRP PSD;Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6435MHz;TX



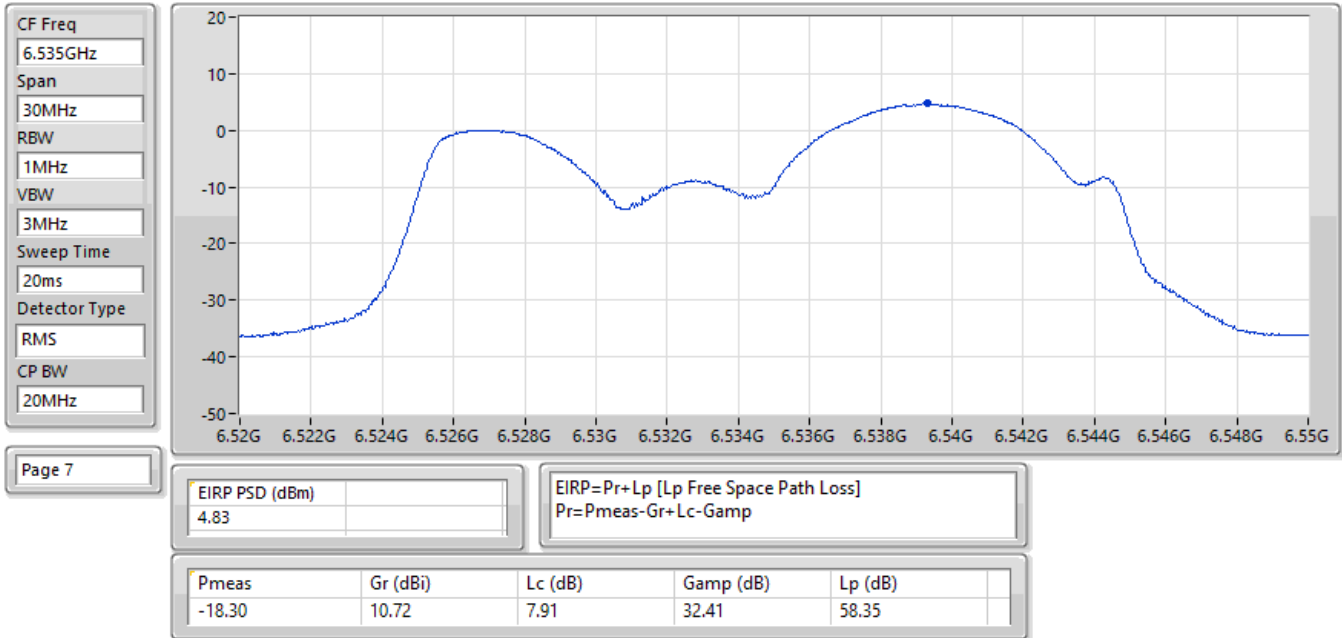
EIRP PSD;Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6475MHz;TX



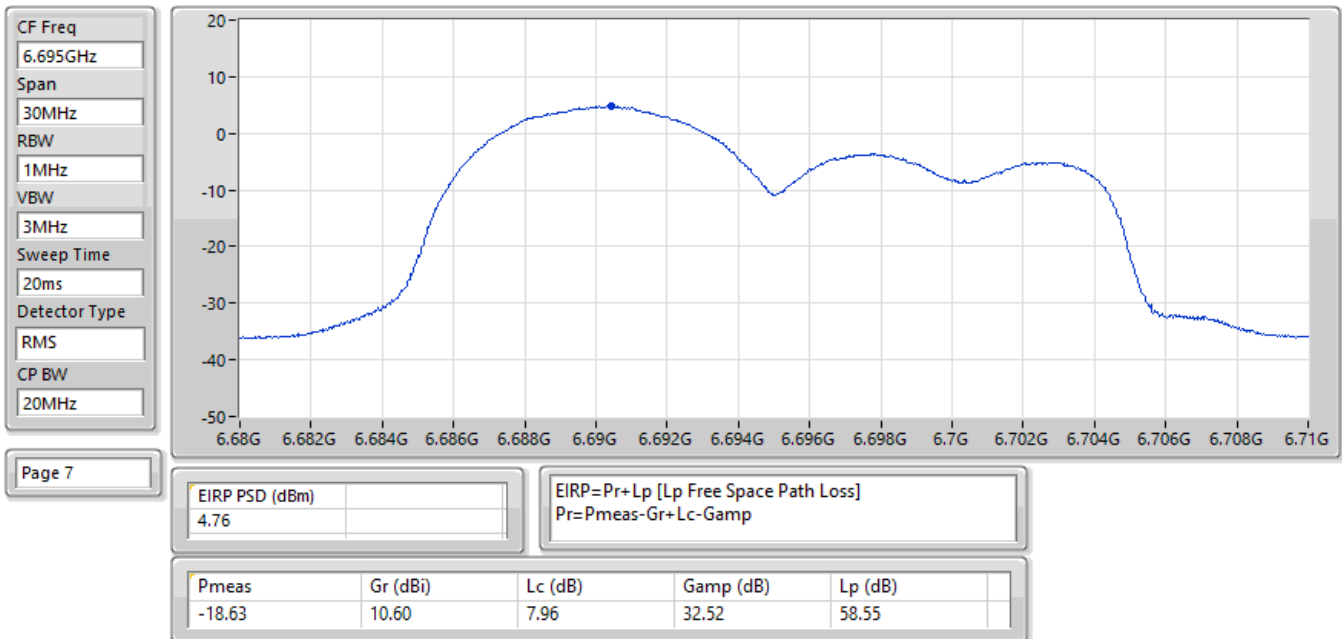
EIRP PSD;Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6515MHz;TX



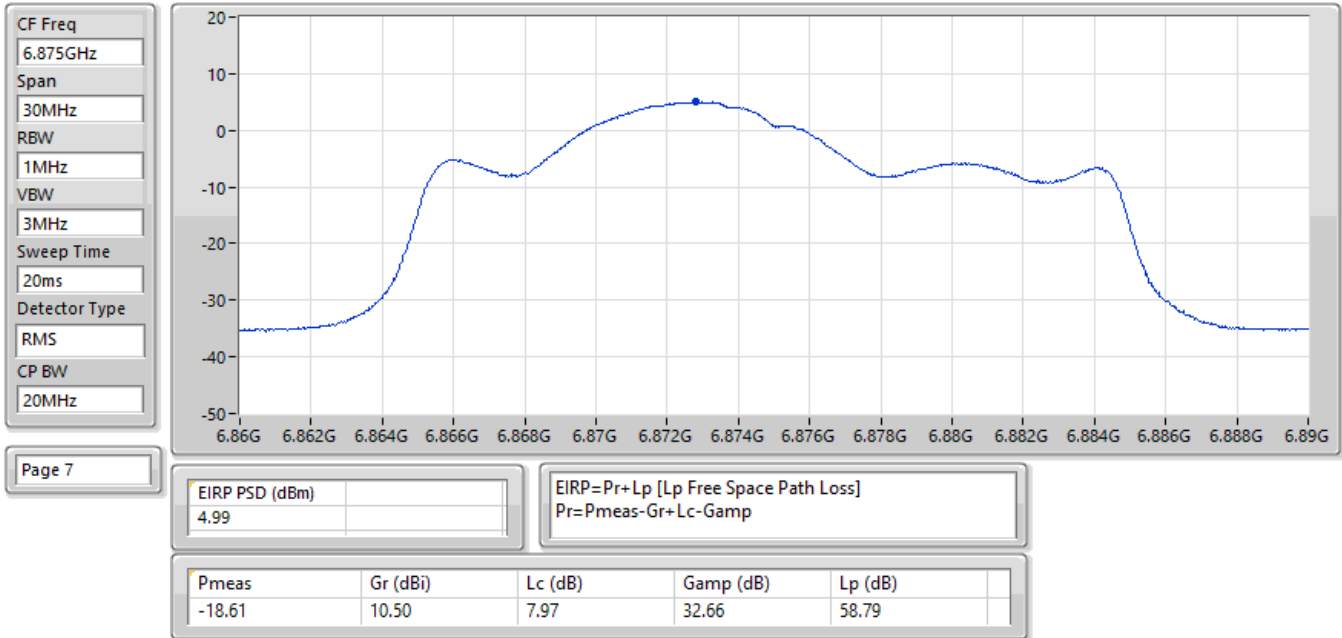
EIRP PSD;Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6535MHz;TX



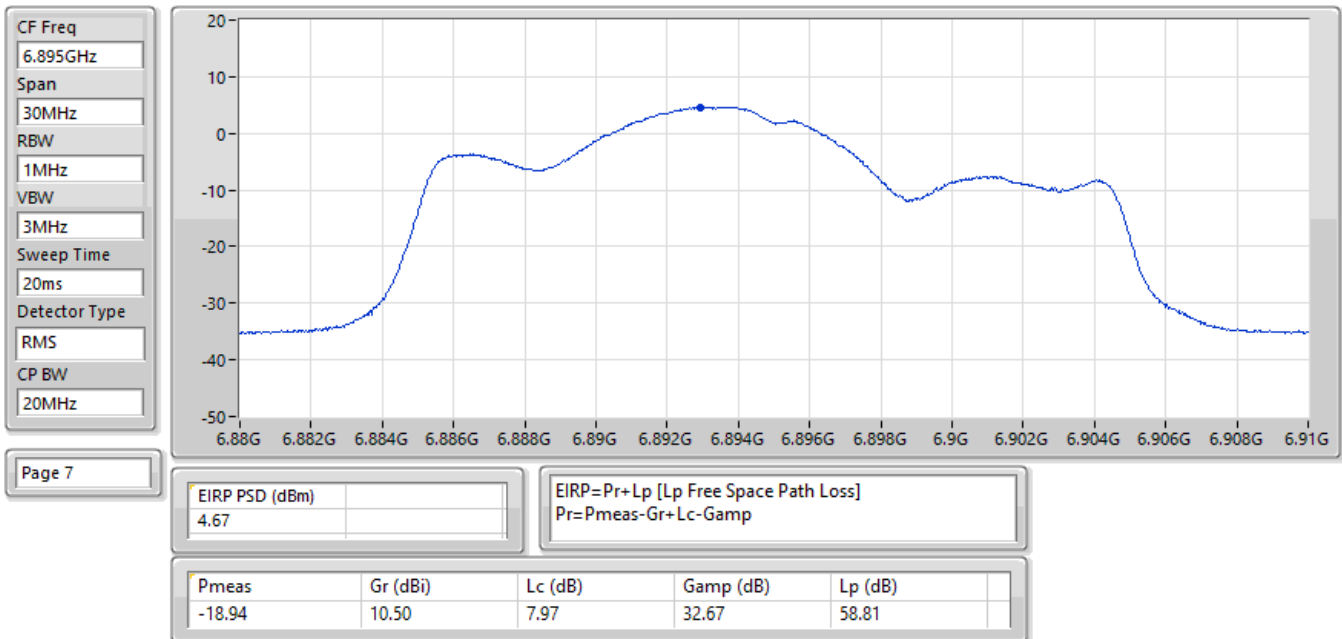
EIRP PSD;Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6695MHz;TX



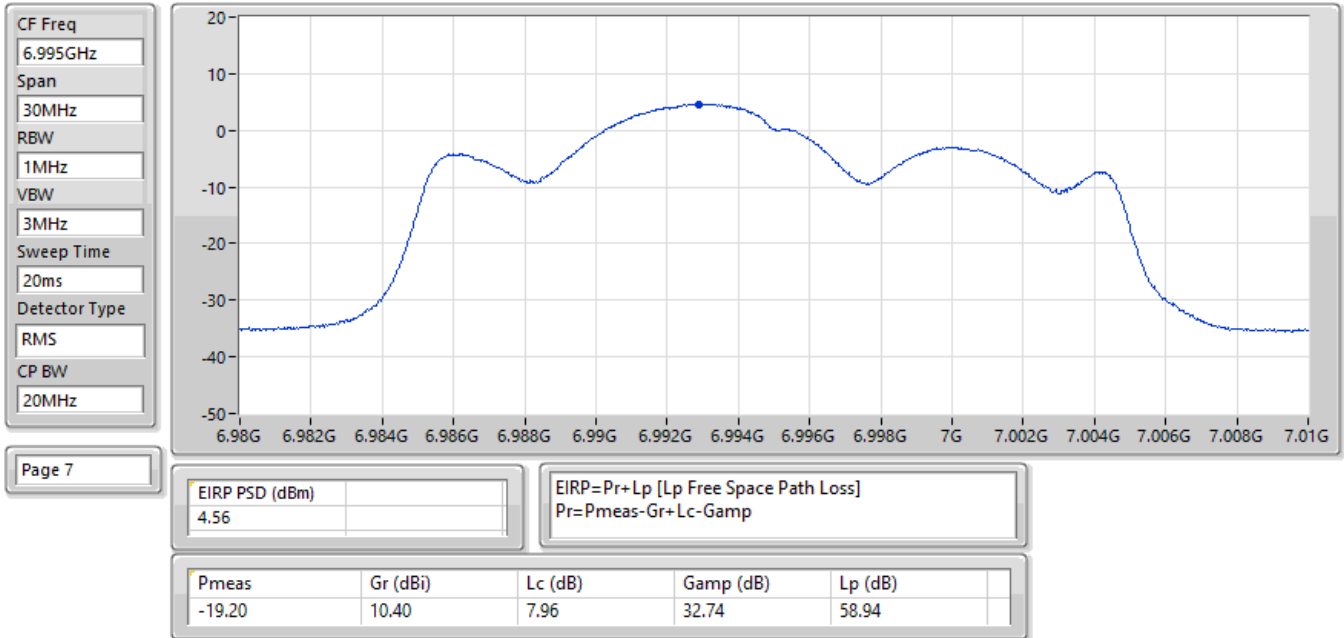
EIRP PSD;Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6875MHz;TX



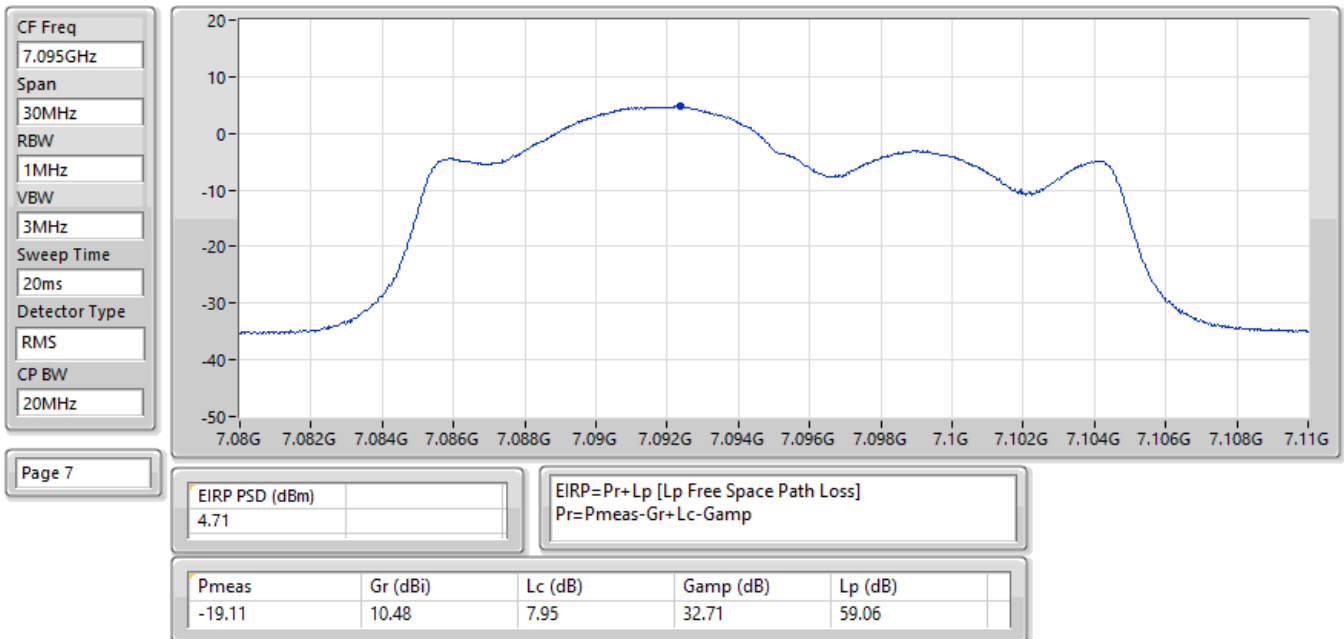
EIRP PSD;Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6895MHz;TX



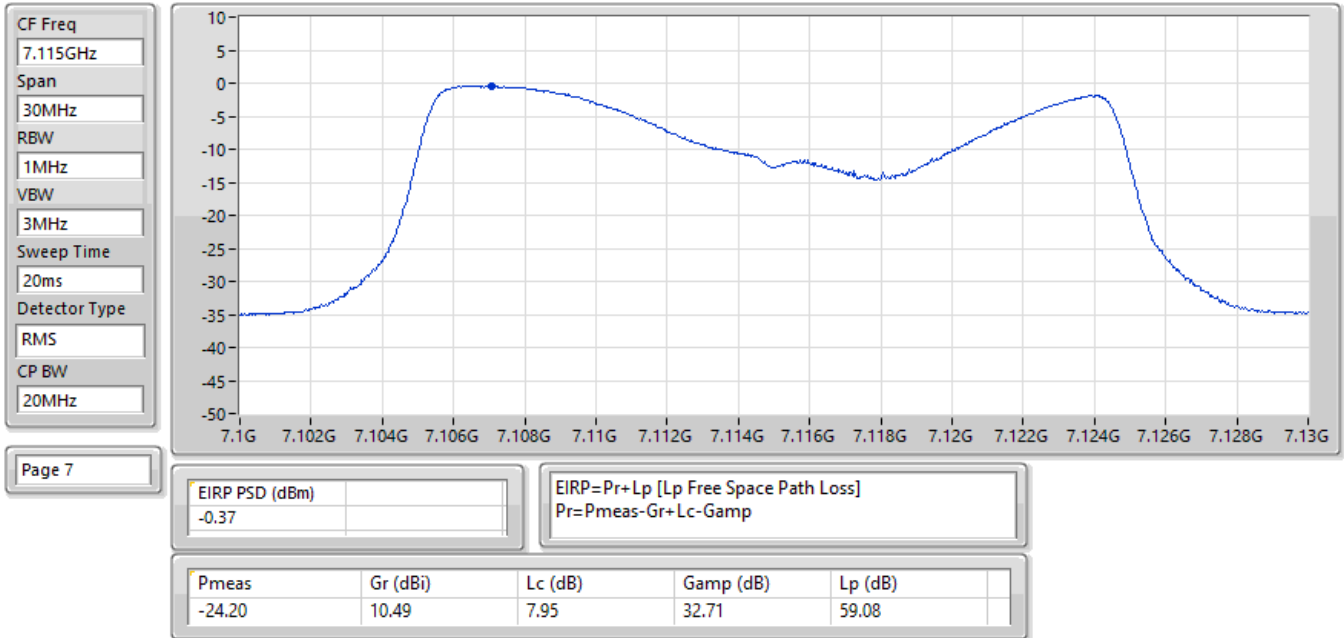
EIRP PSD;Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6995MHz;TX



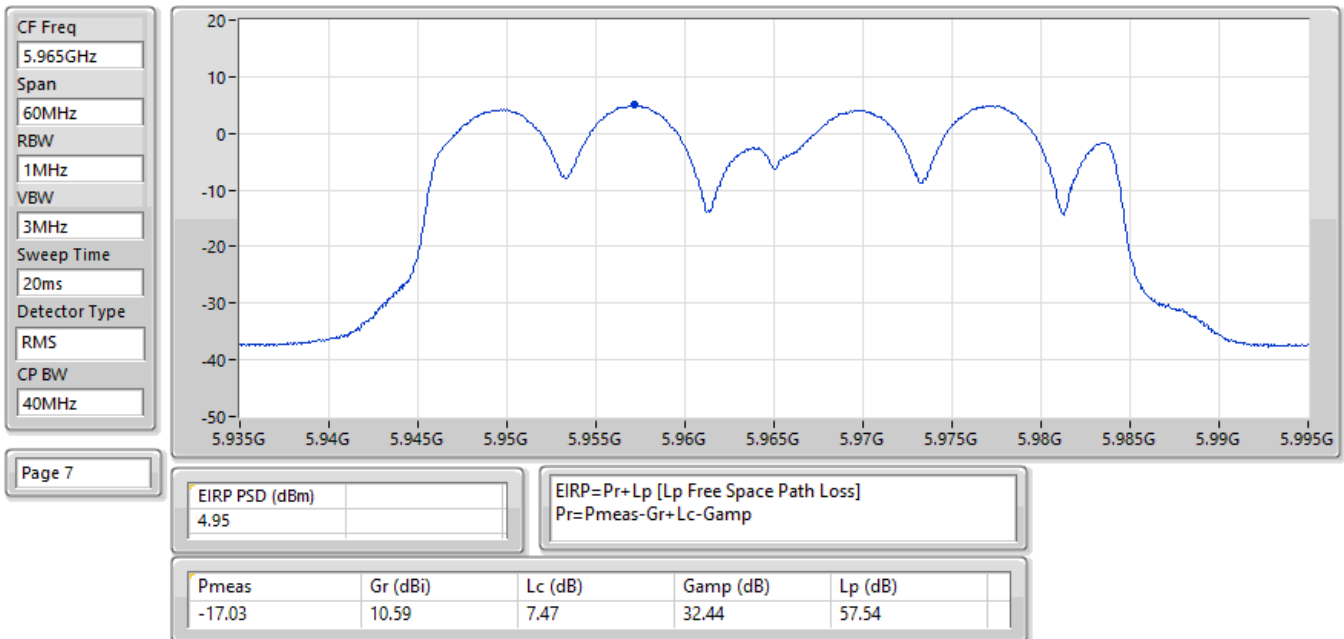
EIRP PSD;Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7095MHz;TX



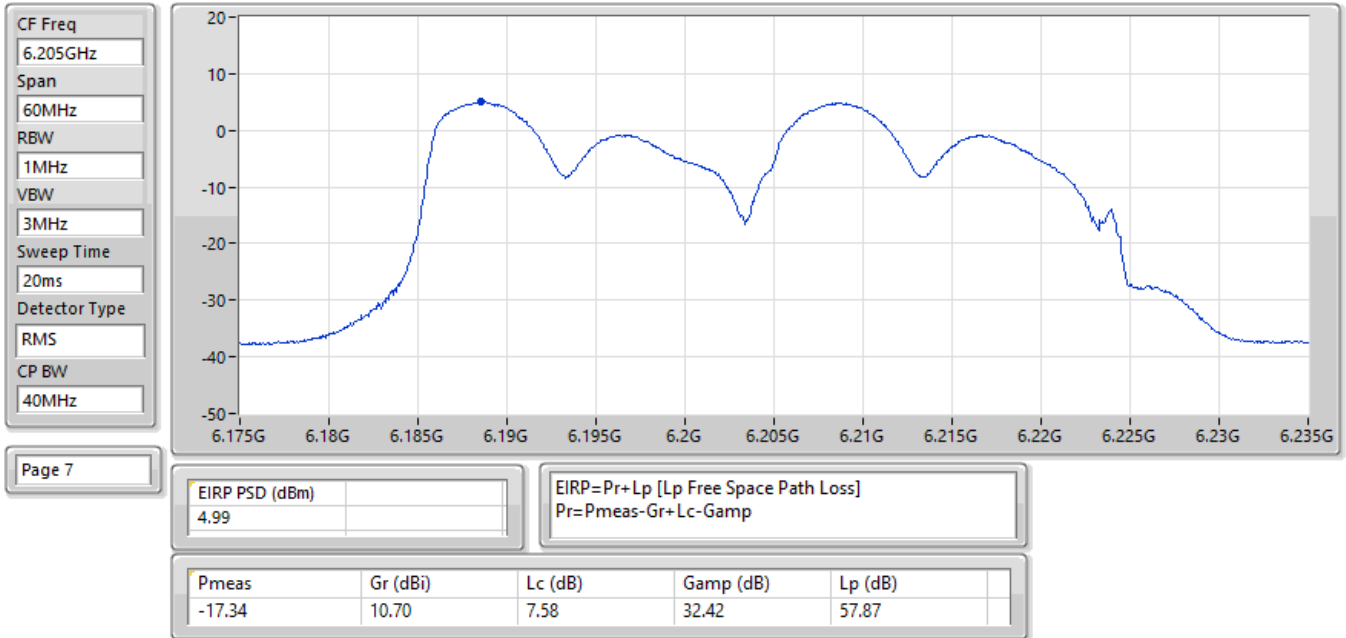
EIRP PSD;Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7115MHz;TX



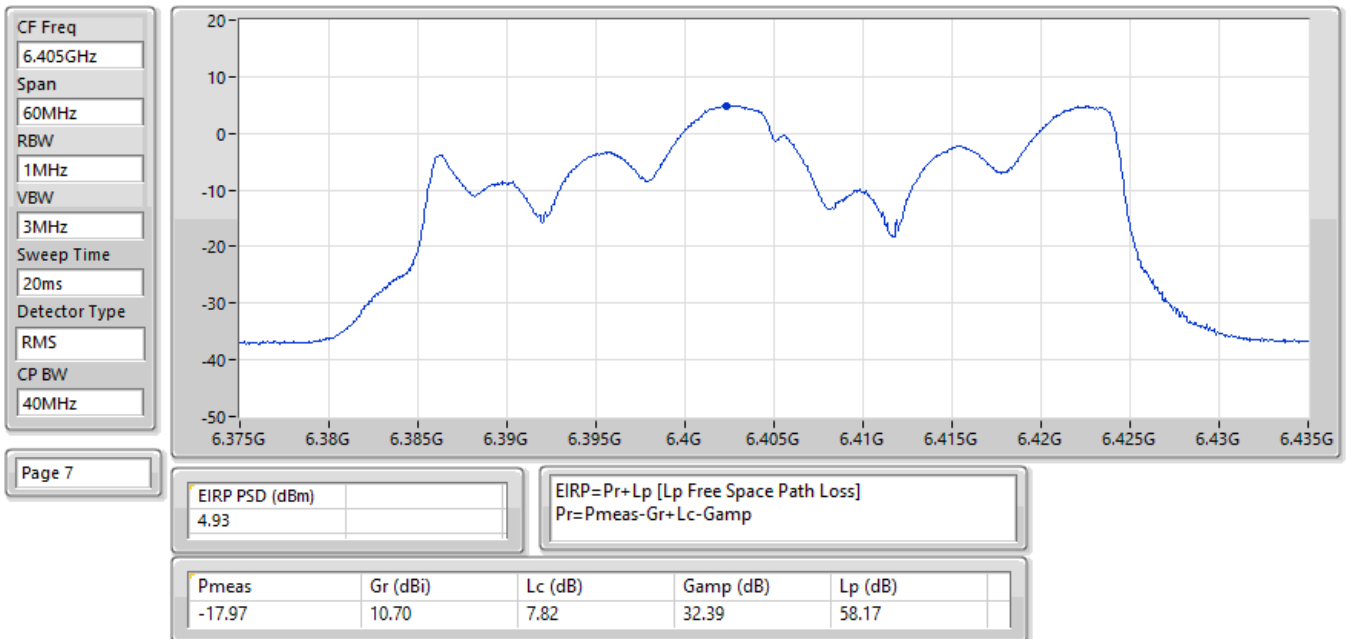
EIRP PSD;Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5965MHz;TX



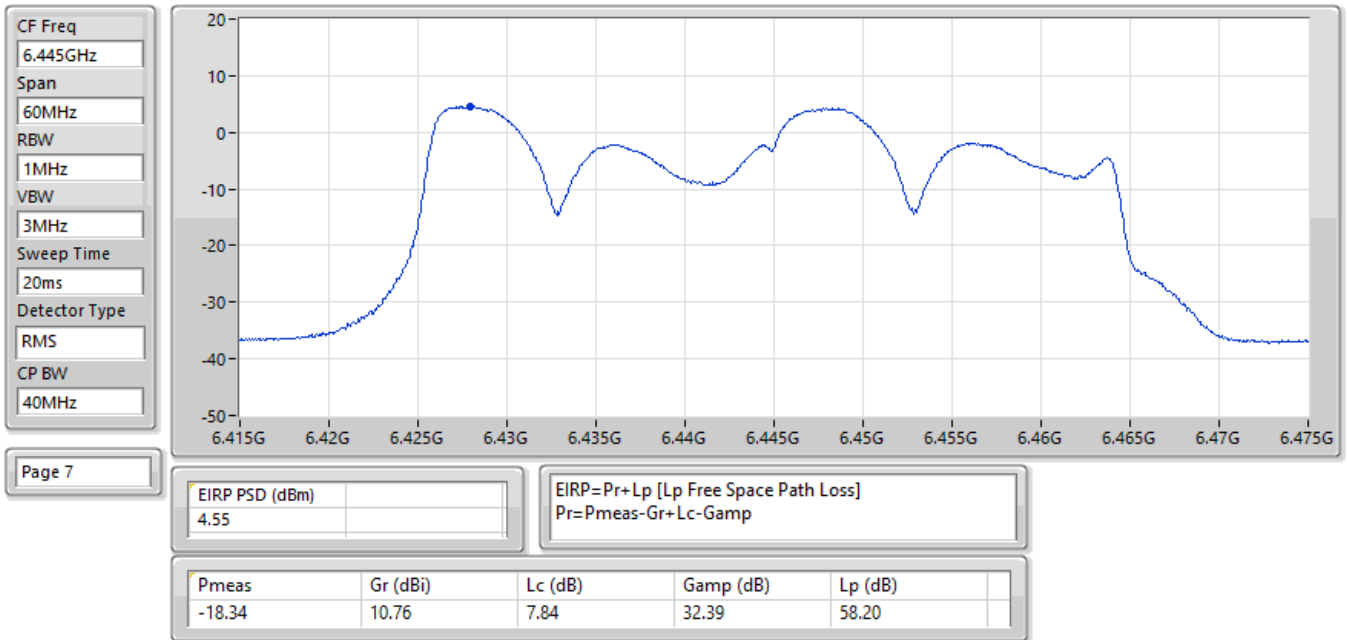
EIRP PSD;Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6205MHz;TX



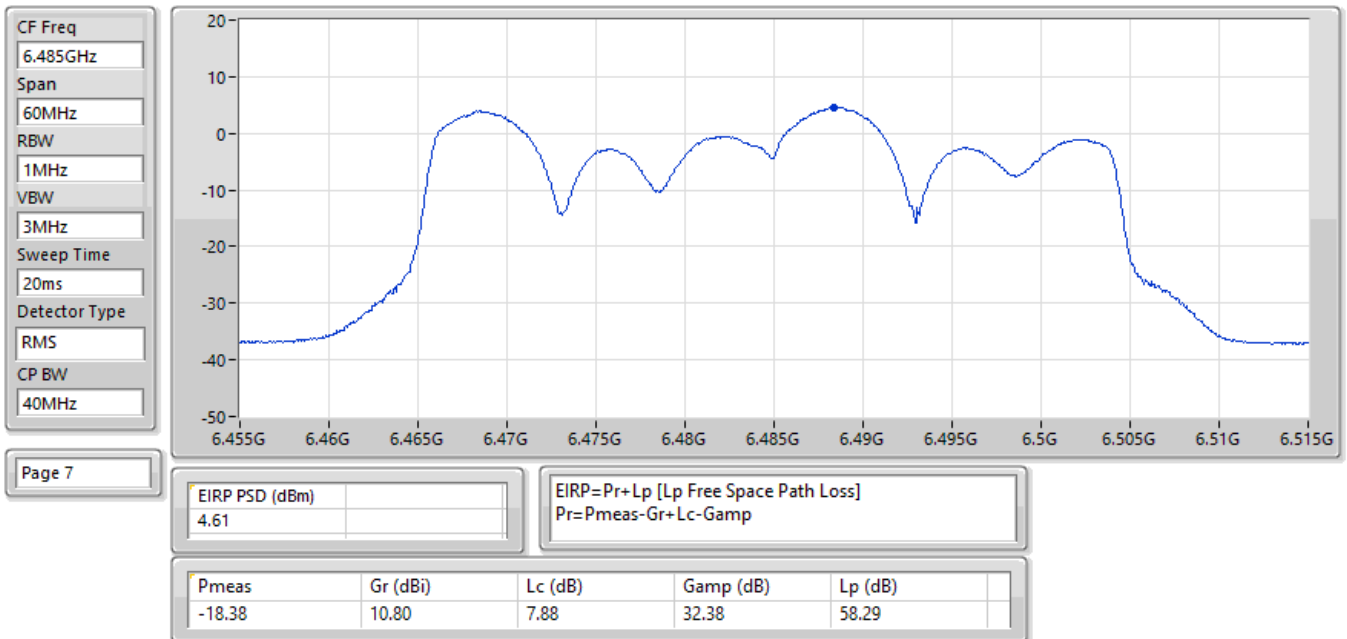
EIRP PSD;Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6405MHz;TX



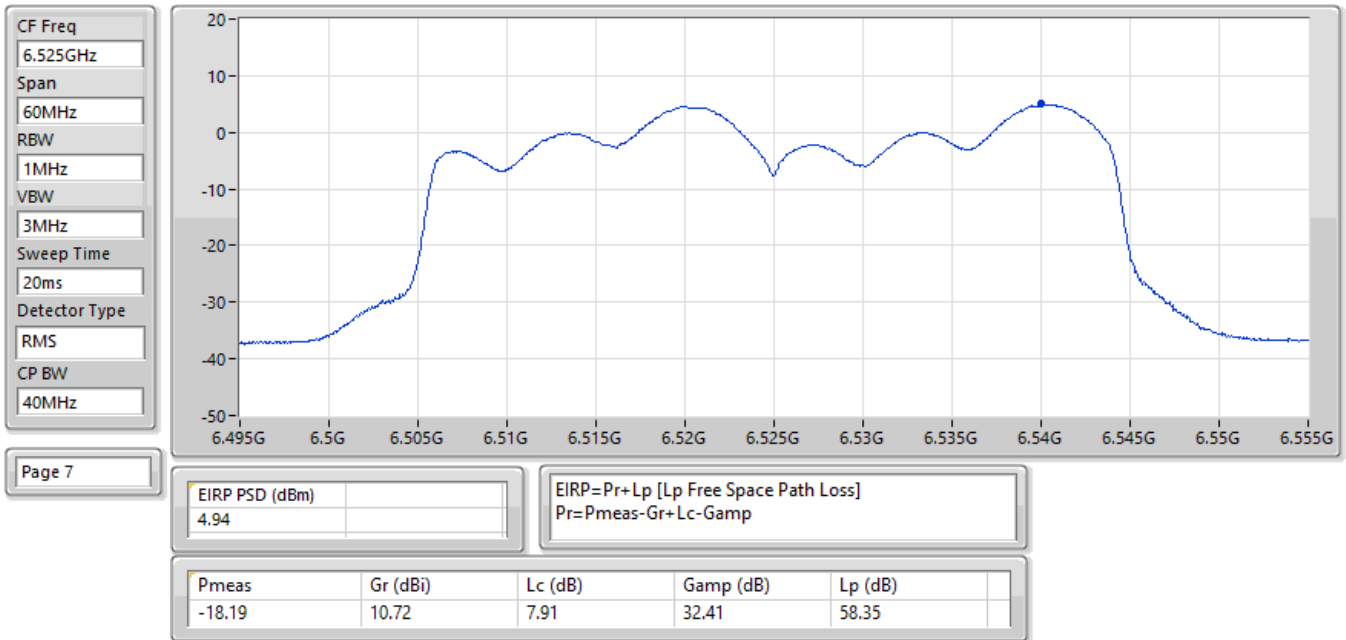
EIRP PSD;Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6445MHz;TX



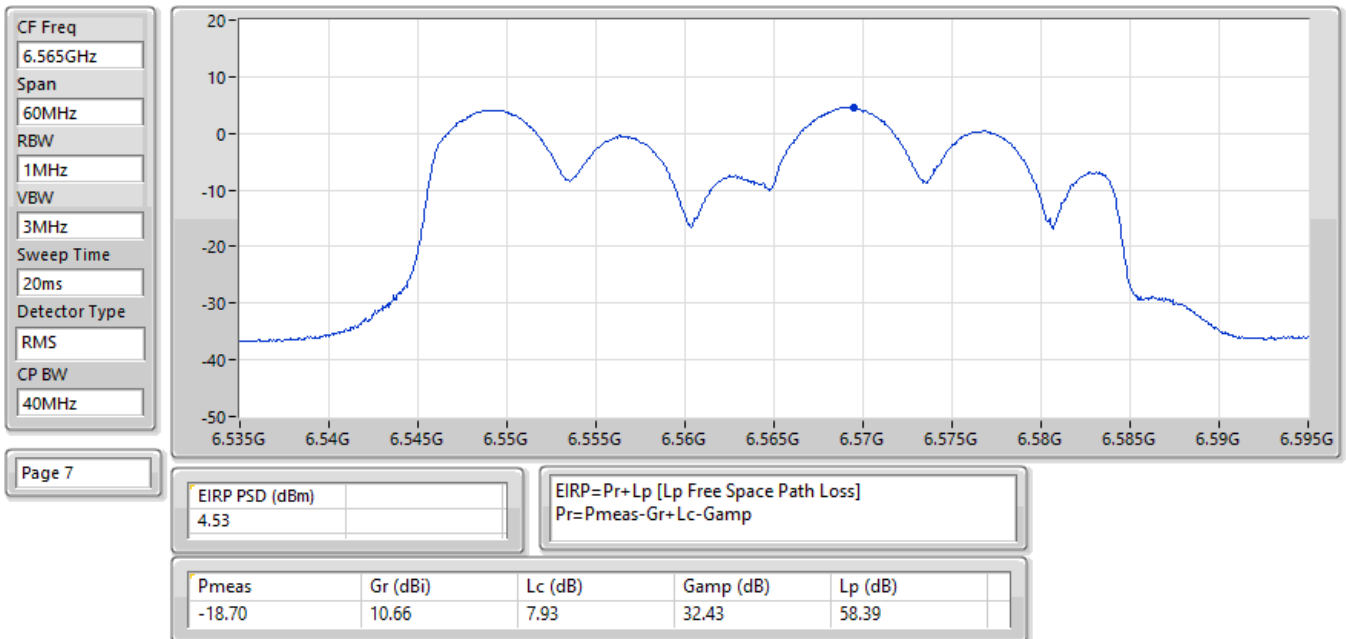
EIRP PSD;Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6485MHz;TX



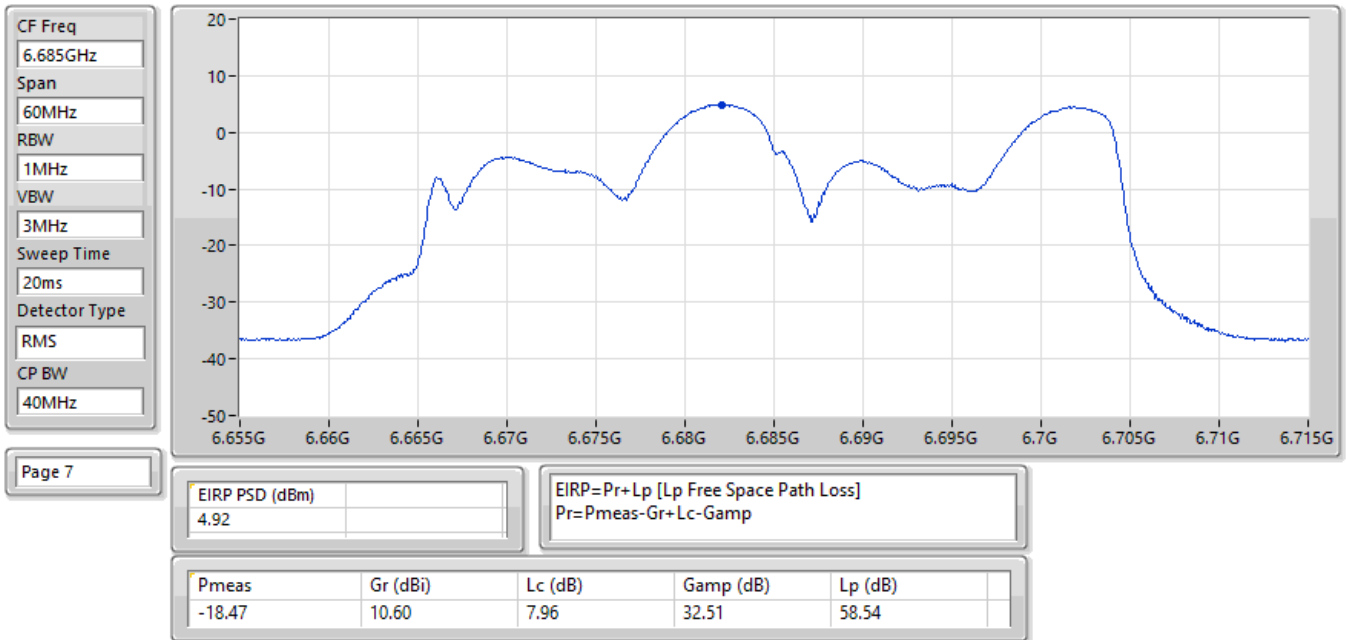
EIRP PSD;Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6525MHz;TX



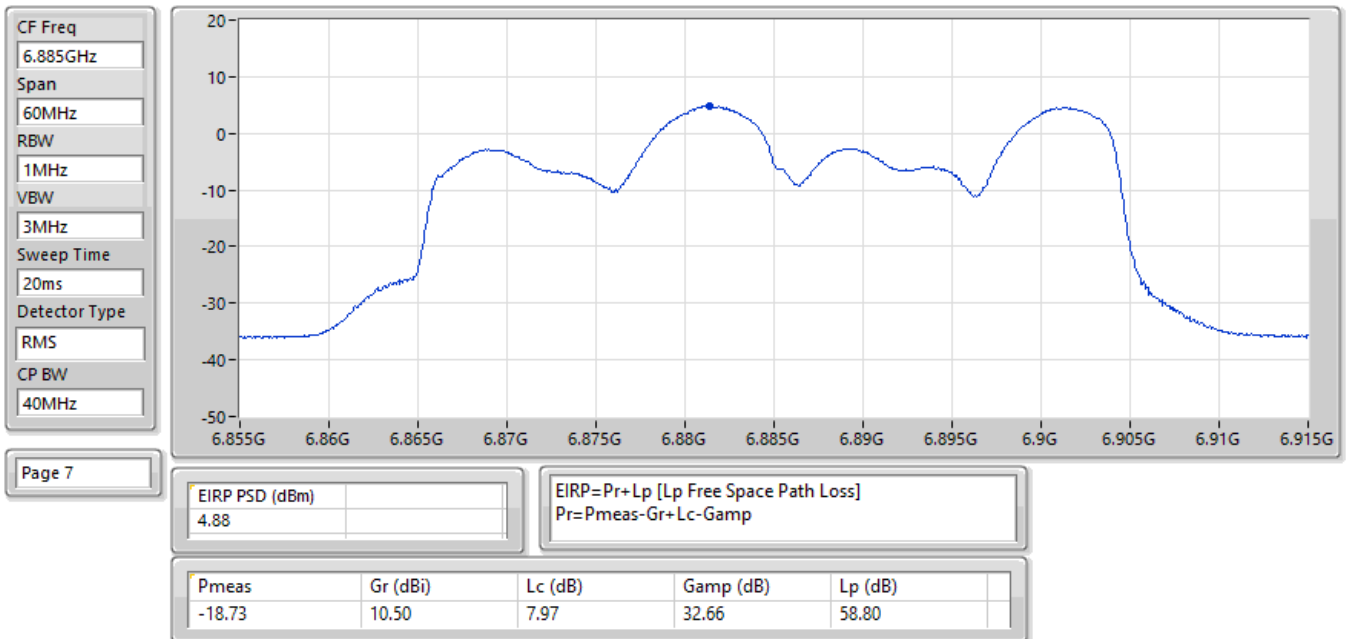
EIRP PSD;Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6565MHz;TX



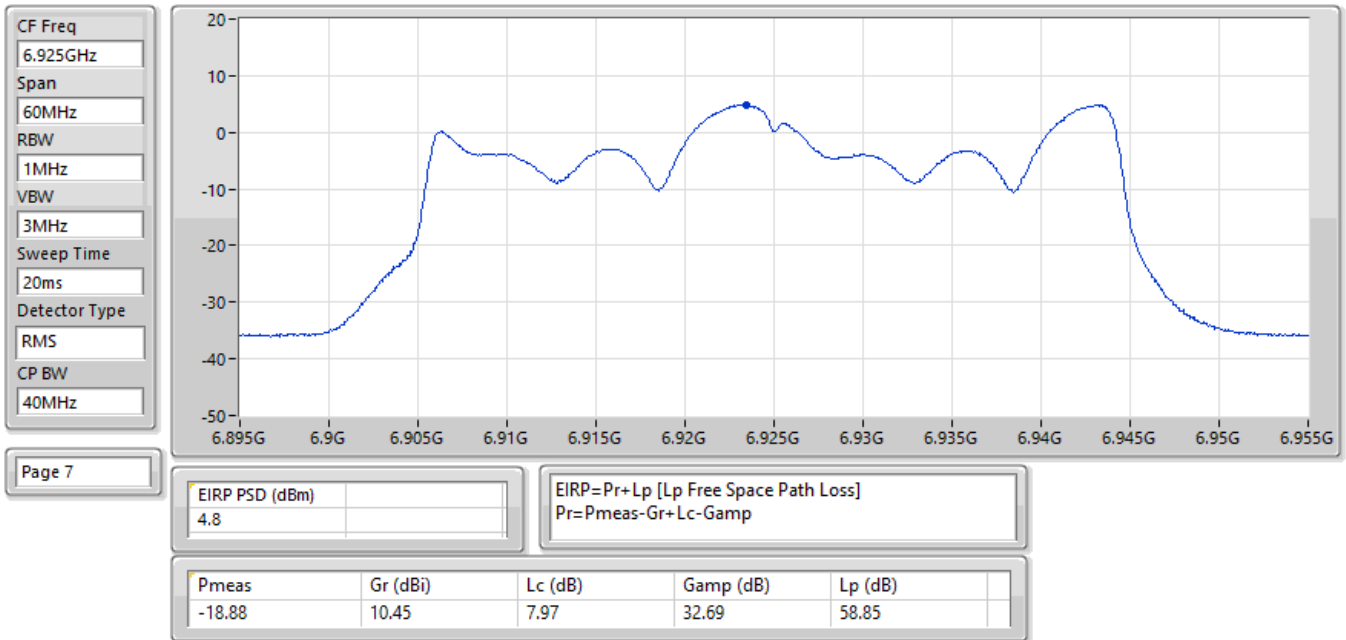
EIRP PSD;Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6685MHz;TX



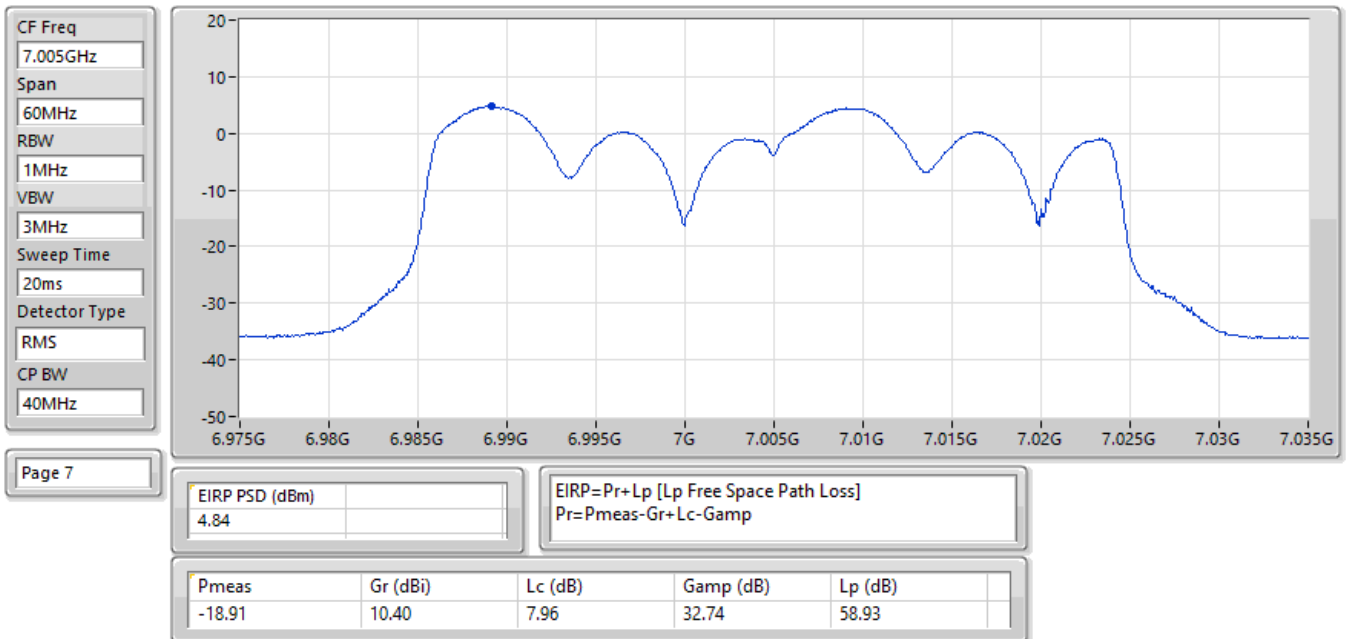
EIRP PSD;Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6885MHz;TX



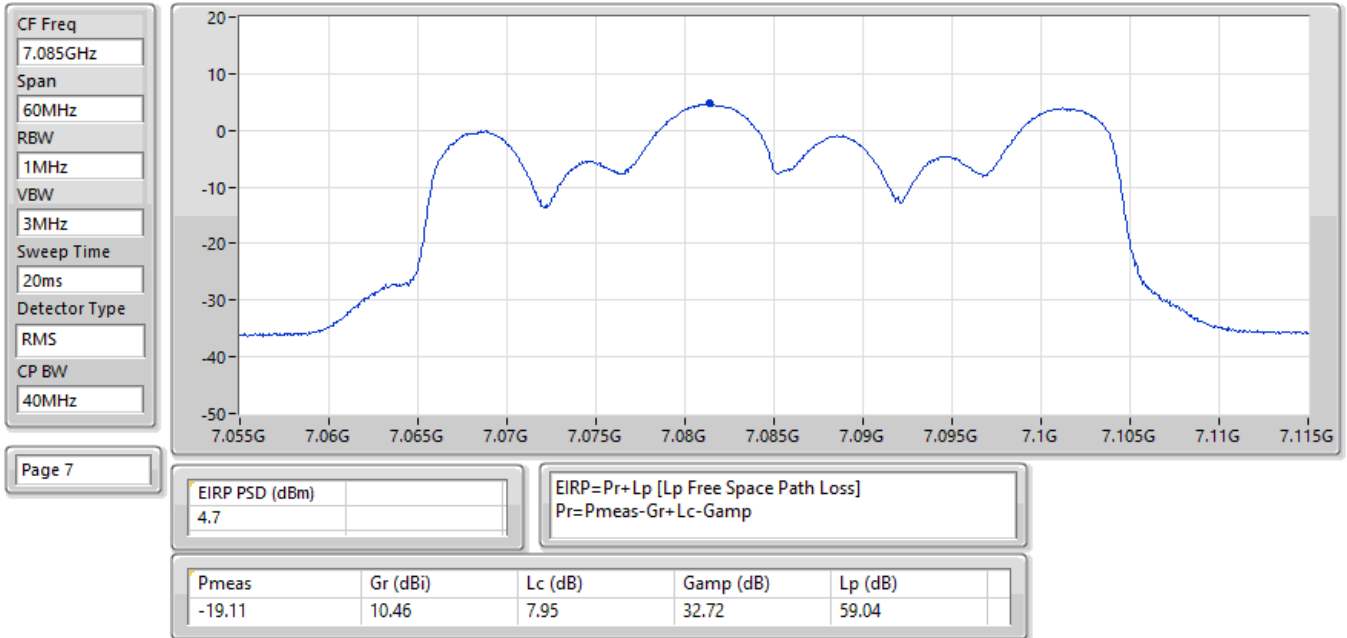
EIRP PSD;Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6925MHz;TX



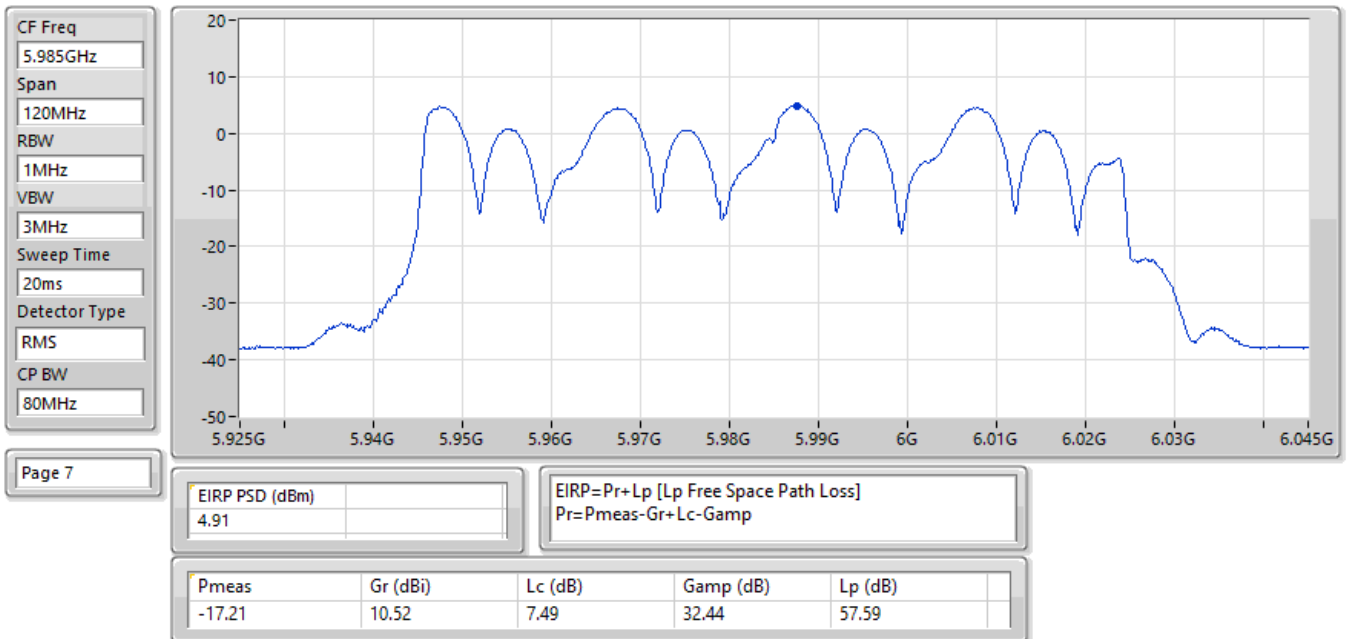
EIRP PSD;Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7005MHz;TX



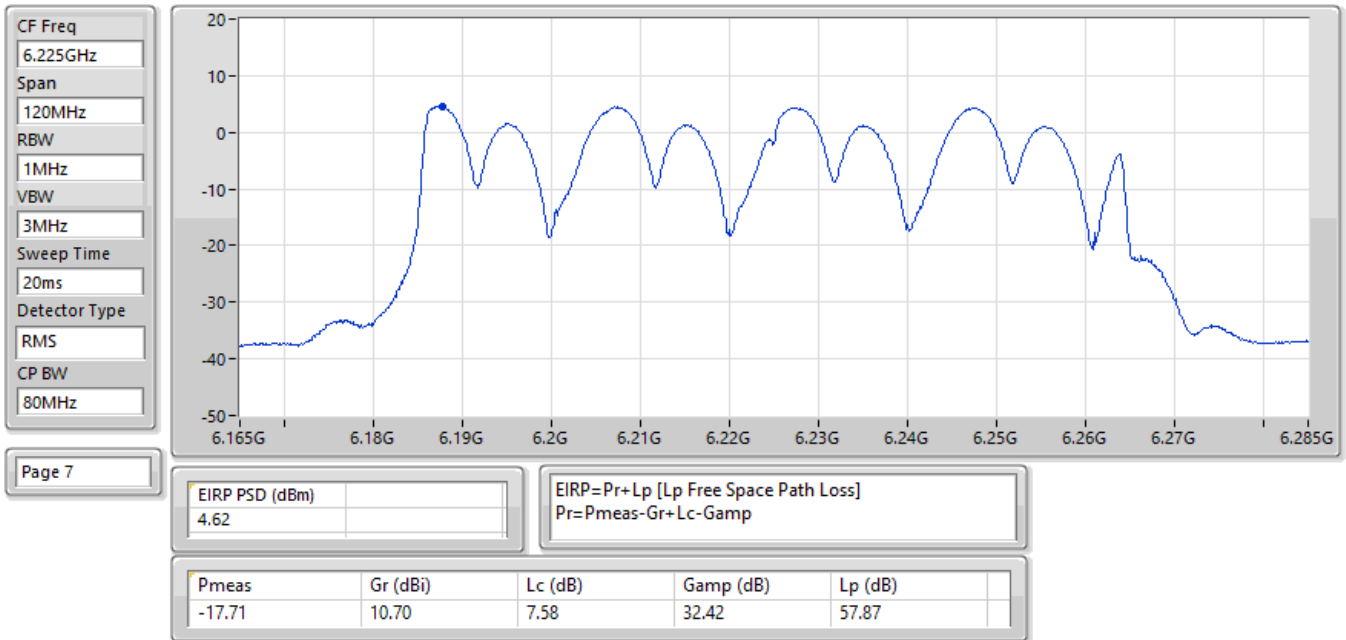
EIRP PSD;Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7085MHz;TX



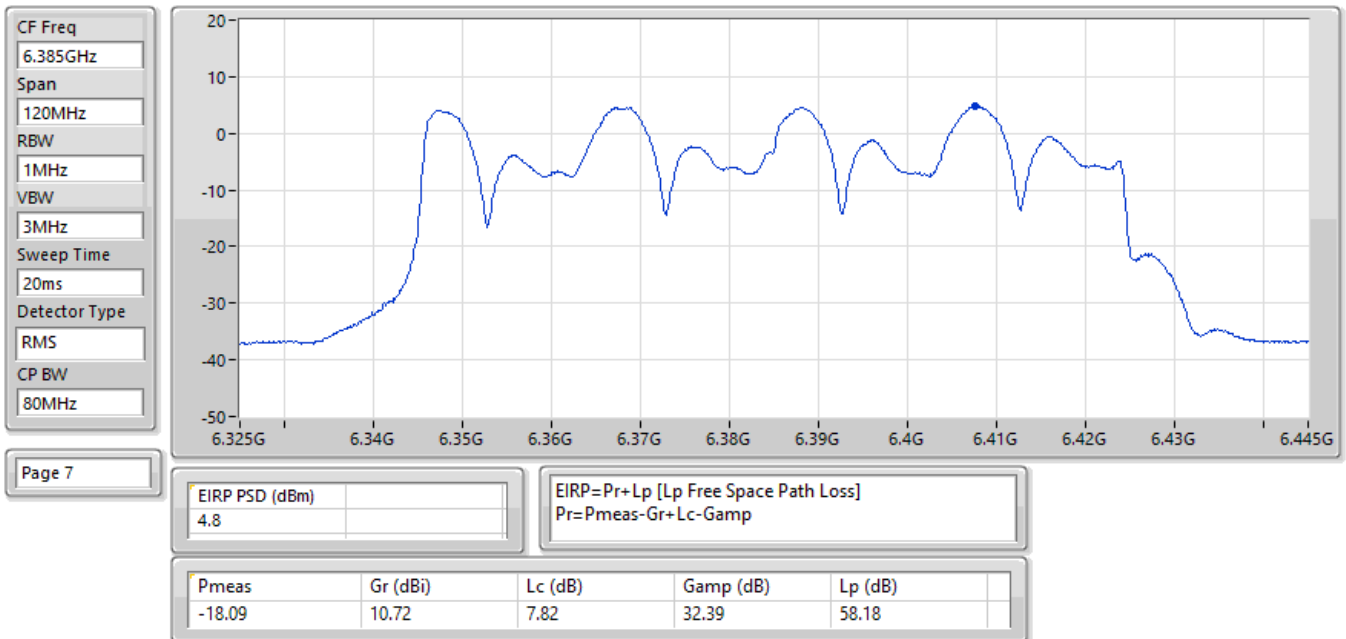
EIRP PSD;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:5985MHz;TX



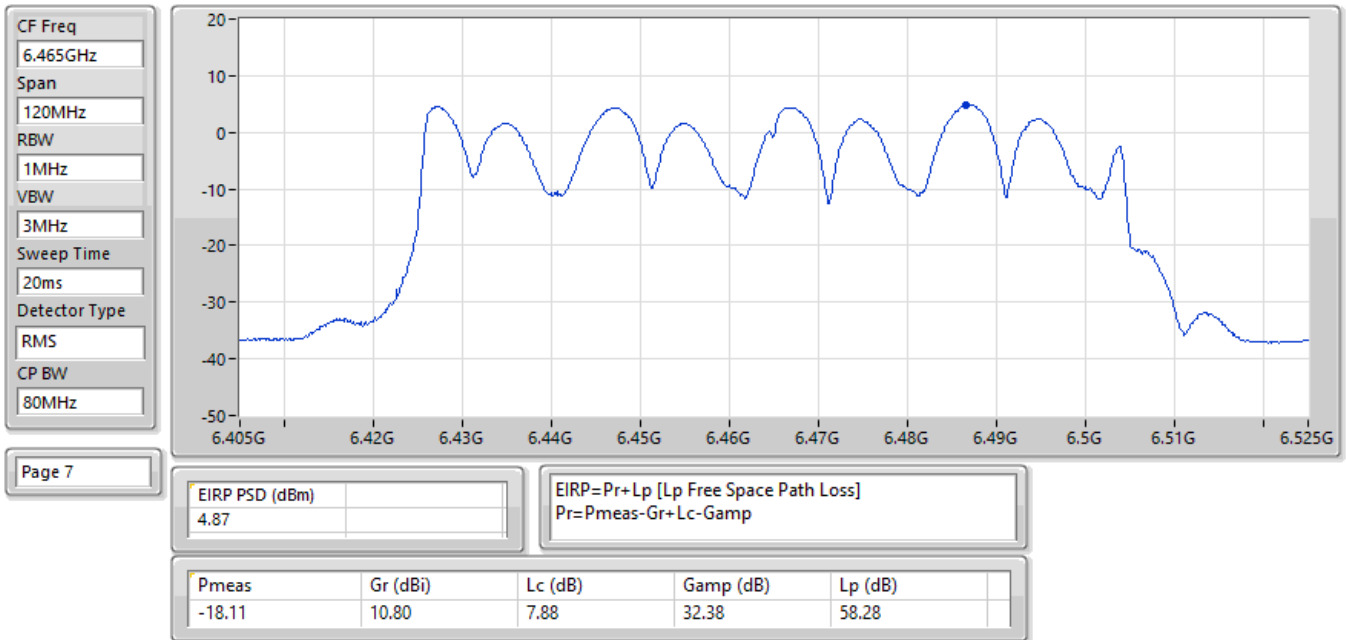
EIRP PSD;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6225MHz;TX



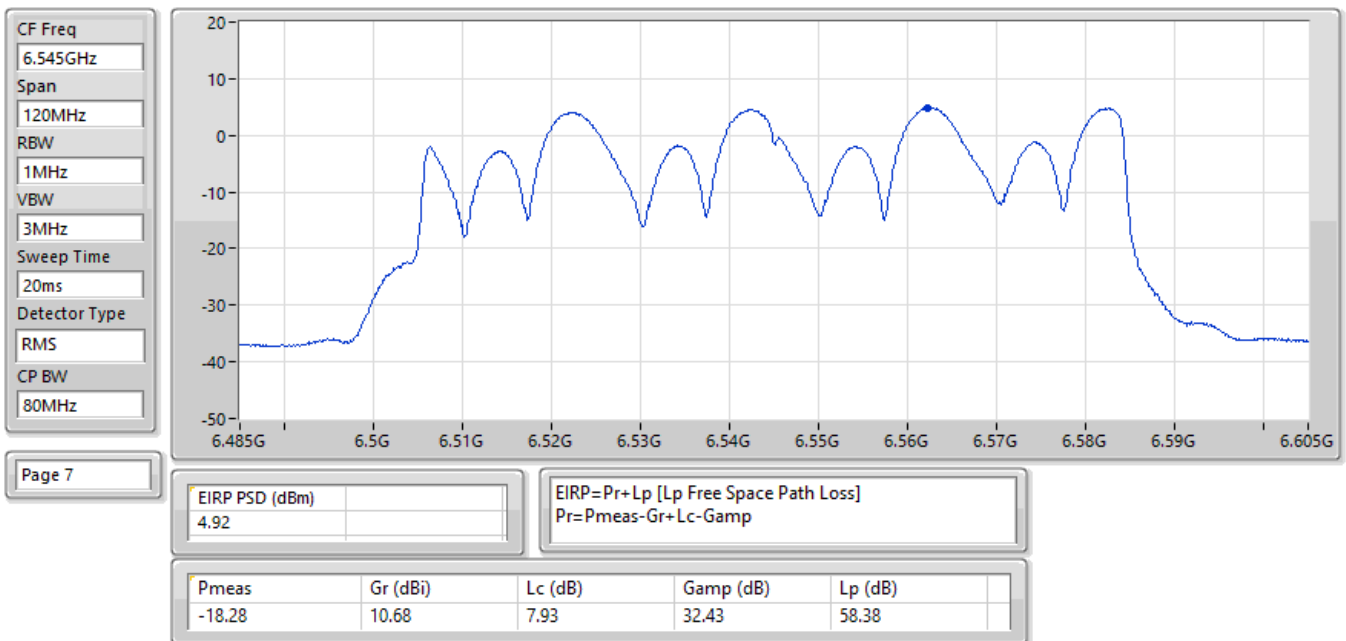
EIRP PSD;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6385MHz;TX



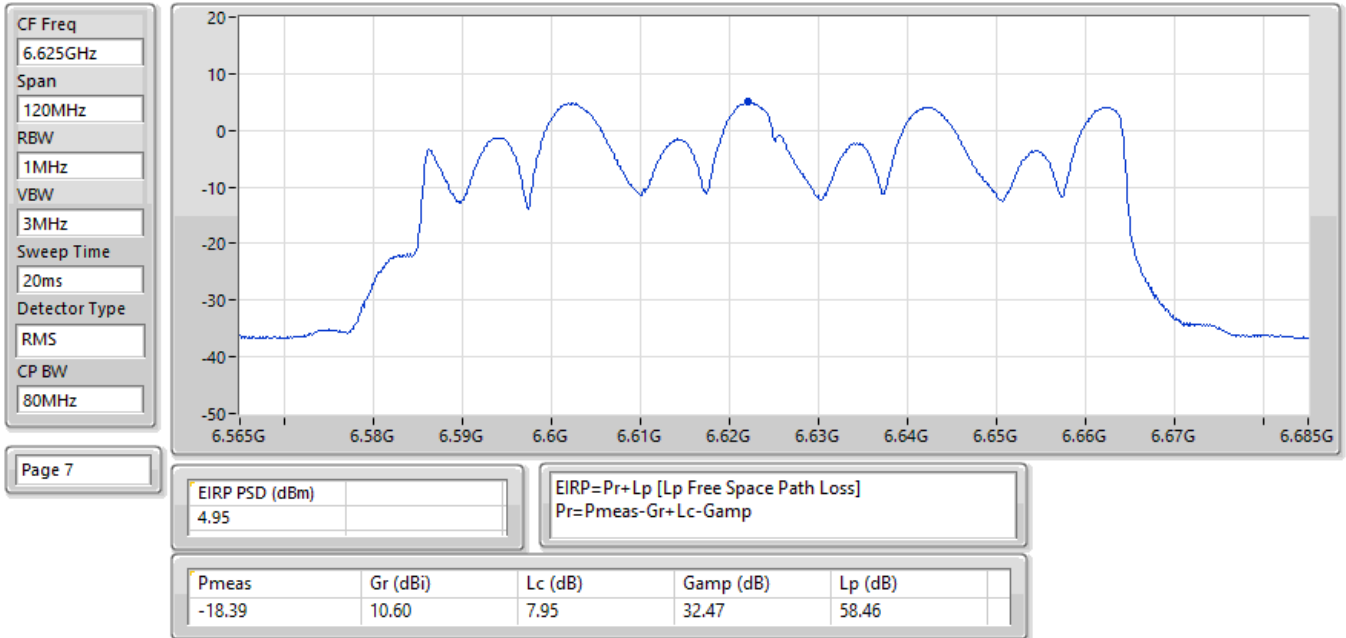
EIRP PSD;Band:6.4G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6465MHz;TX



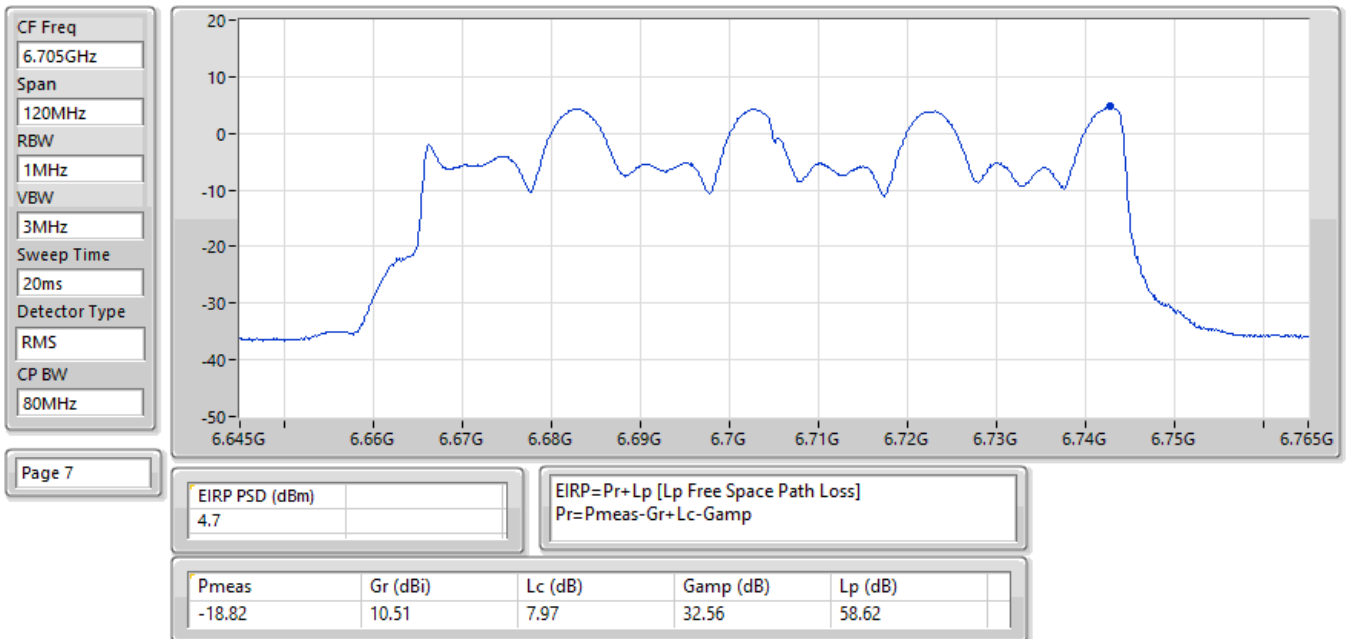
EIRP PSD;Band:6.4G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6545MHz;TX



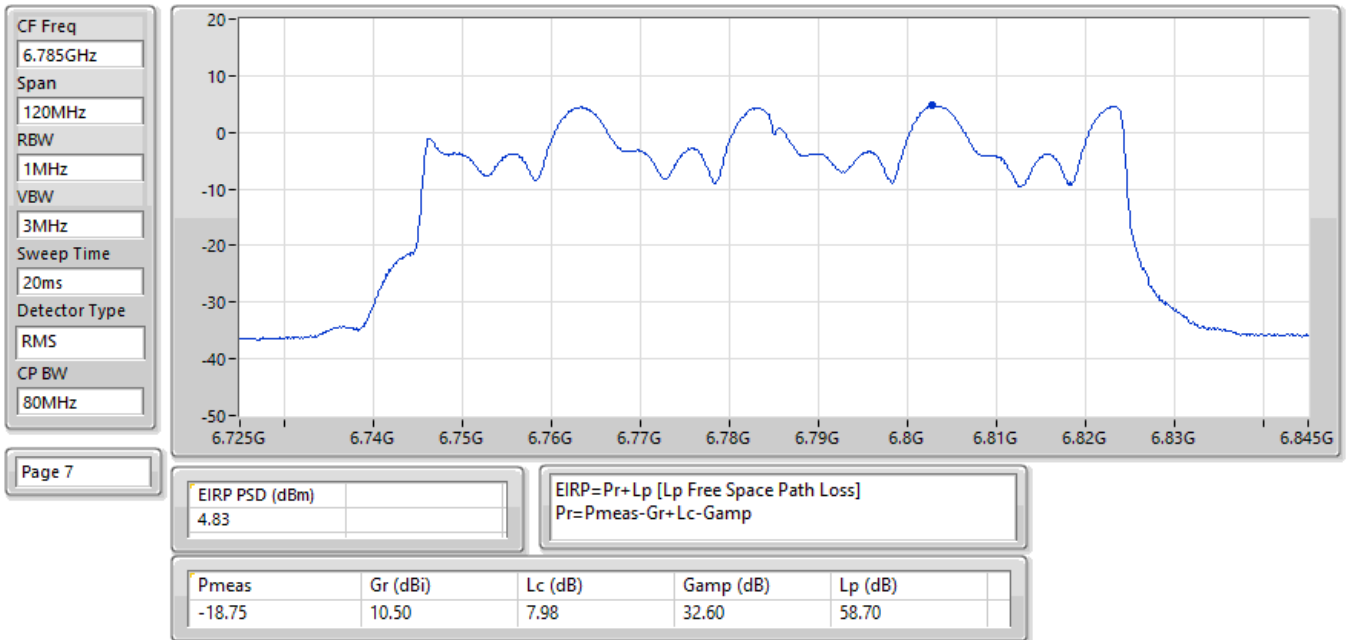
EIRP PSD;Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6625MHz;TX



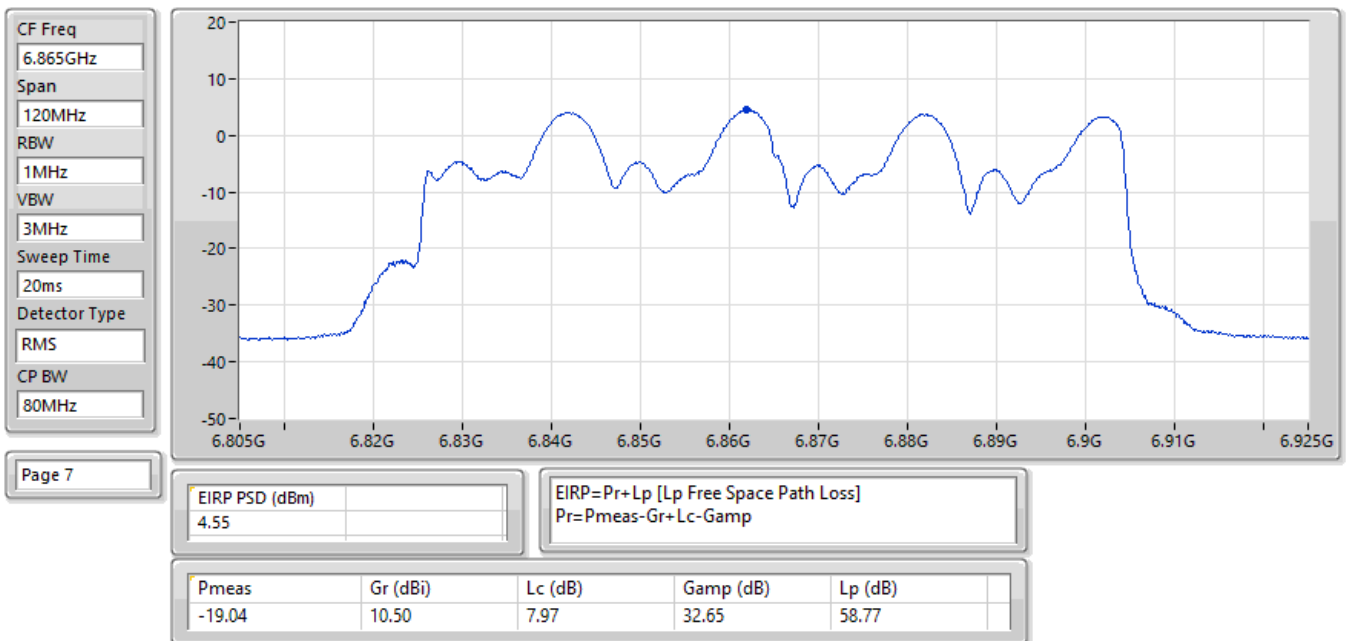
EIRP PSD;Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6705MHz;TX



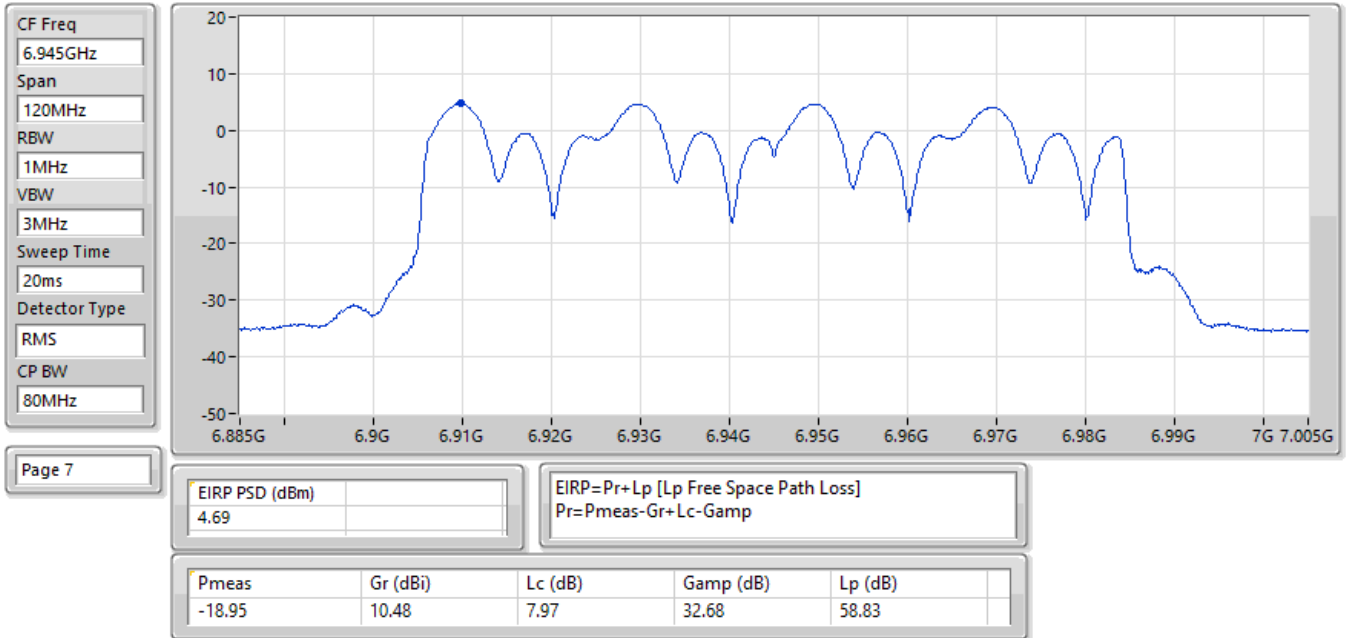
EIRP PSD;Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6785MHz;TX



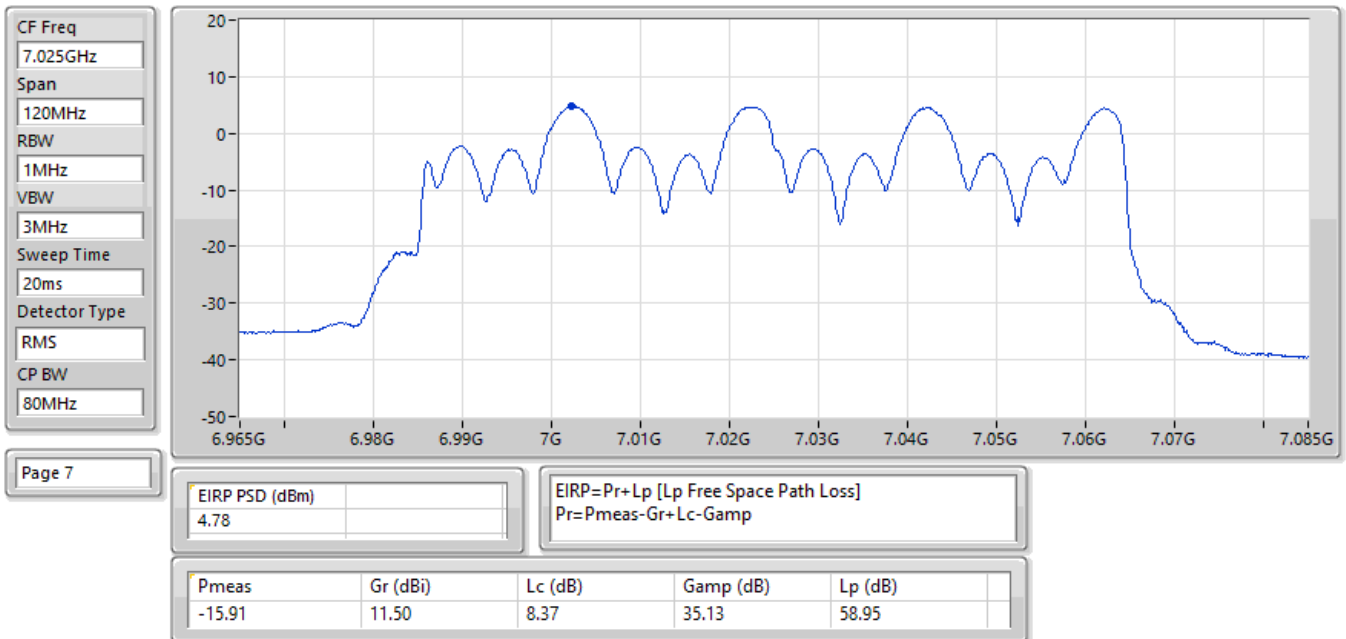
EIRP PSD;Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6865MHz;TX



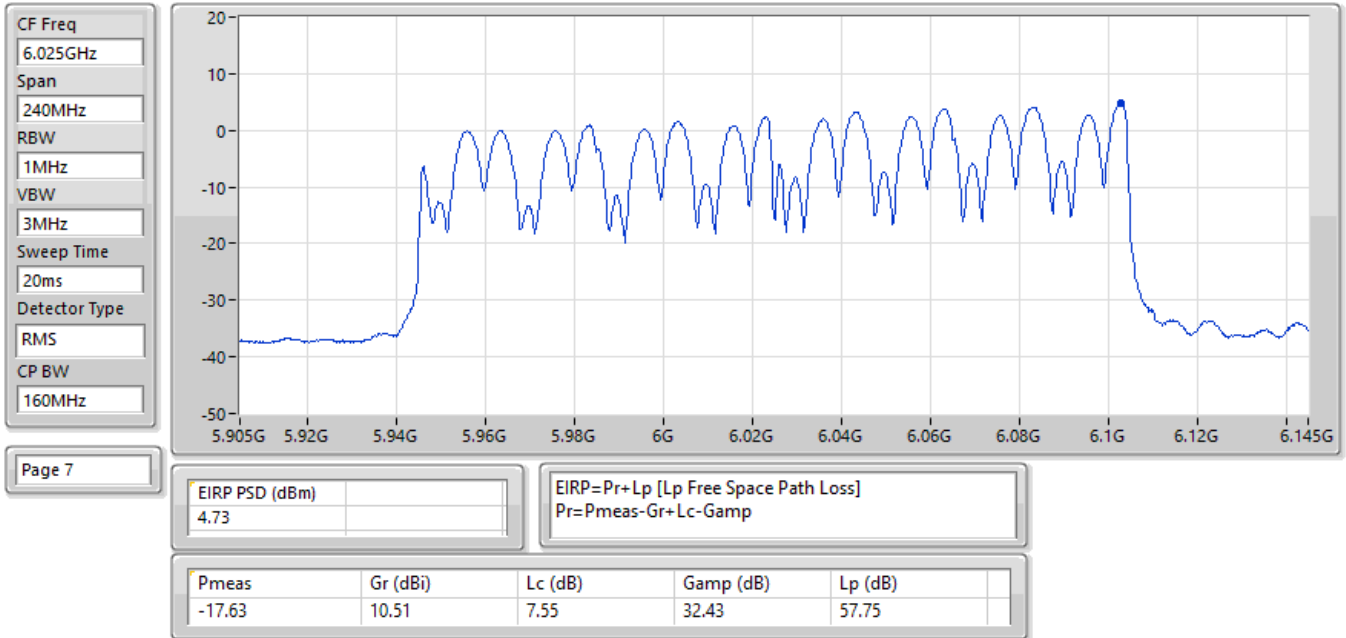
EIRP PSD;Band:7.0G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6945MHz;TX



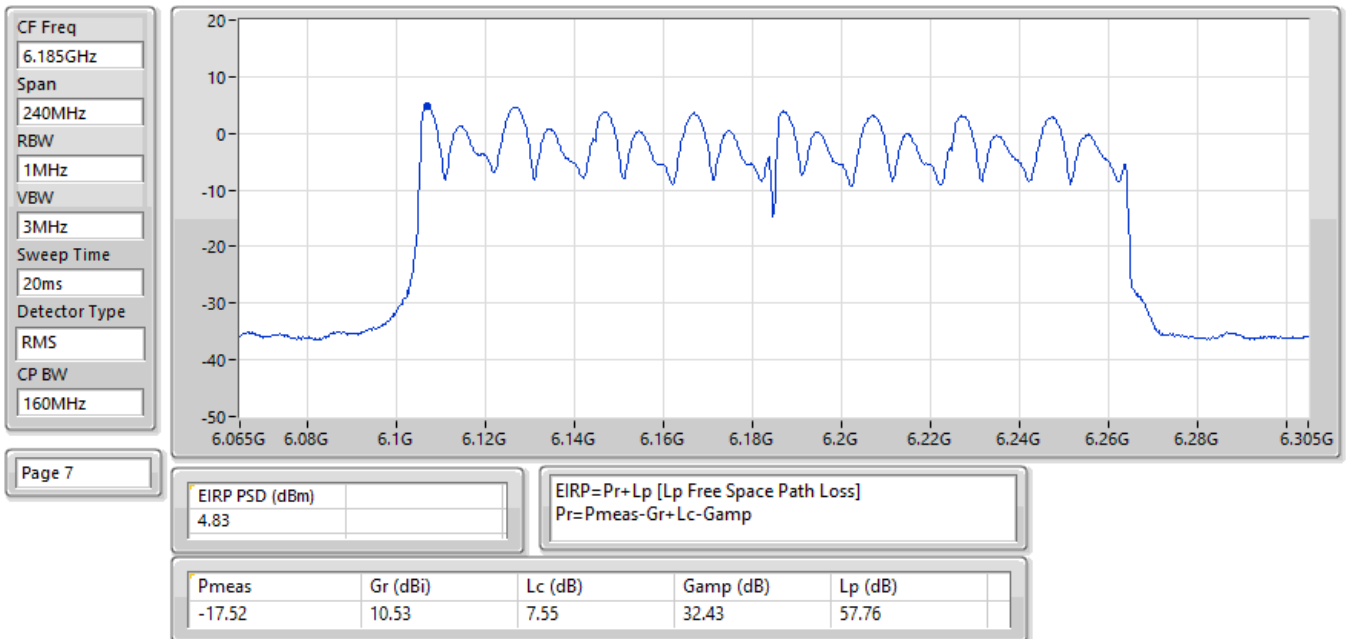
EIRP PSD;Band:7.0G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:7025MHz;TX



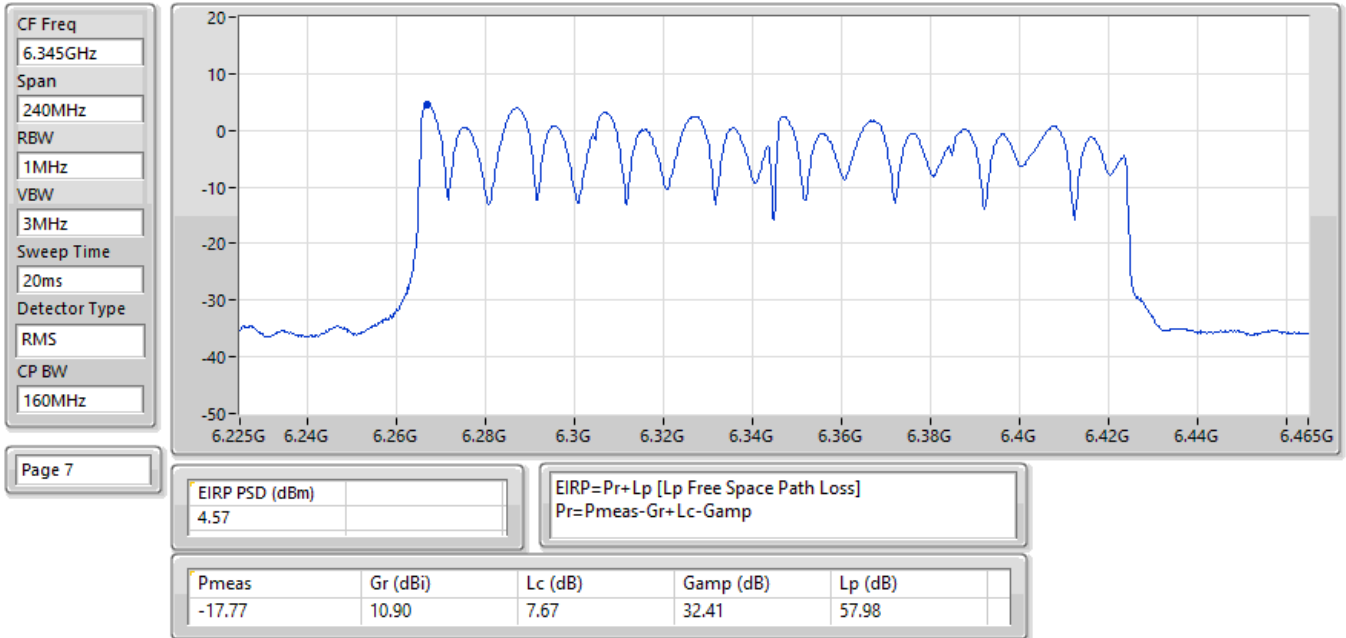
EIRP PSD;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6025MHz;TX



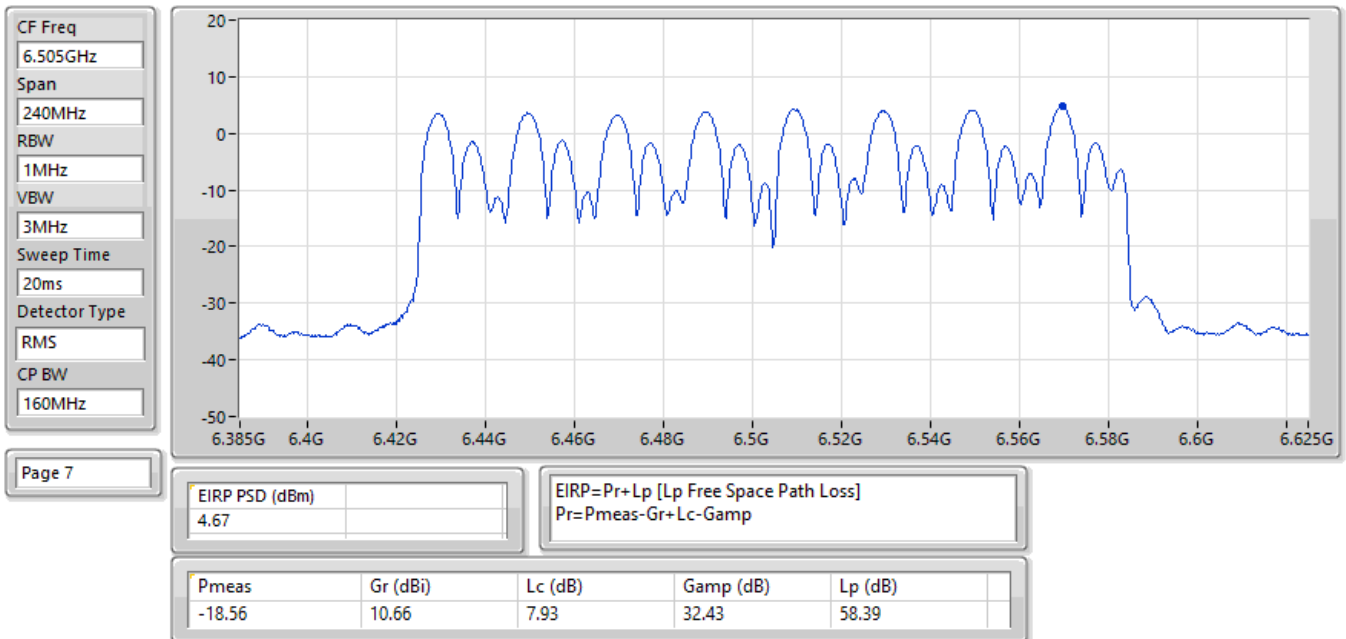
EIRP PSD;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6185MHz;TX



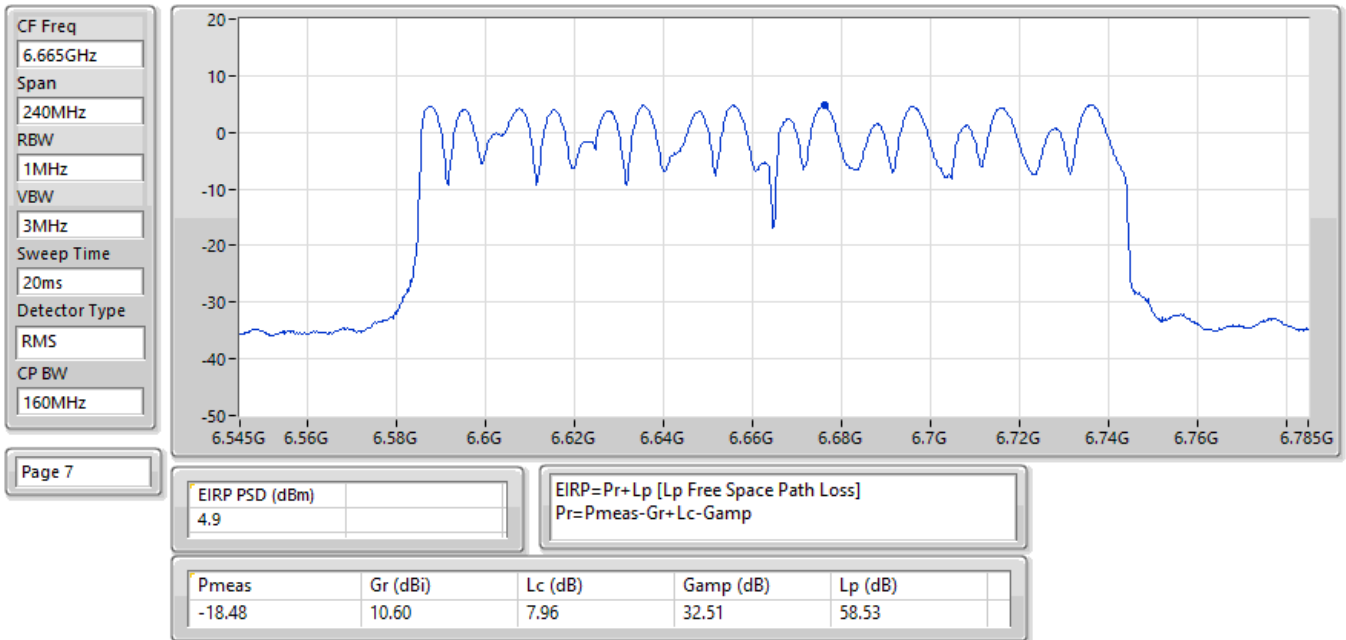
EIRP PSD;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6345MHz;TX



EIRP PSD;Band:6.4G;be160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6505MHz;TX



EIRP PSD;Band:6.7G;be160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6665MHz;TX



EIRP PSD;Band:6.7G;be160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6825MHz;TX

