



RADIO TEST REPORT

FCC ID : HEDEAP105
Equipment : Wi-Fi 7 Access Point
Brand Name : Edgecore
Model Name : EAP105XYYYZ
(Please refer to section 1.1.5 for detailed information)
Applicant : Accton Technology Corporation
No. 1, Zhihui 1st Rd., Zhubei City , Hsinchu County 302
Taiwan
Manufacturer : Accton Technology Corporation
No. 1, Zhihui 1st Rd., Zhubei City , Hsinchu County 302
Taiwan
Standard : 47 CFR FCC Part 15.407

The product was received on Mar. 20, 2024, and testing was started from Oct. 15, 2024 and completed on Jan. 02, 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.

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	17
2.5 Support Equipment.....	17
2.6 Test Setup Diagram	19
3 Transmitter Test Result	22
3.1 AC Power-line Conducted Emissions	22
3.2 Emission Bandwidth	24
3.3 Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)	25
3.4 Peak Power Spectral Density (E.I.R.P.)	28
3.5 Unwanted Emissions.....	31
3.6 Contention Based Protocol.....	36
4 Test Equipment and Calibration Data	37
Appendix A. Test Results of AC Power-line Conducted Emissions	
Appendix B. Test Results of Emission Bandwidth	
Appendix C. Test Results of Maximum Equivalent Isotopically 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:

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.

Reviewed by: Sam Chen

Report Producer: Cathy Chiu



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-7125	ax (HEW20), 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	2TX
5.925-7.125GHz	802.11ax HEW20-BF	20	2TX
5.925-7.125GHz	802.11be EHT20	20	2TX
5.925-7.125GHz	802.11be EHT20-BF	20	2TX
5.925-7.125GHz	802.11ax HEW40	40	2TX
5.925-7.125GHz	802.11ax HEW40-BF	40	2TX
5.925-7.125GHz	802.11be EHT40	40	2TX
5.925-7.125GHz	802.11be EHT40-BF	40	2TX
5.925-7.125GHz	802.11ax HEW80	80	2TX
5.925-7.125GHz	802.11ax HEW80-BF	80	2TX
5.925-7.125GHz	802.11be EHT80	80	2TX
5.925-7.125GHz	802.11be EHT80-BF	80	2TX
5.925-7.125GHz	802.11ax HEW160	160	2TX
5.925-7.125GHz	802.11ax HEW160-BF	160	2TX
5.925-7.125GHz	802.11be EHT160	160	2TX
5.925-7.125GHz	802.11be EHT160-BF	160	2TX
5.925-7.125GHz	802.11be EHT320	320	2TX
5.925-7.125GHz	802.11be EHT320-BF	320	2TX

Note:

- HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- EHT20, EHT40, EHT80 and EHT160, 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)
	2.4GHz	5GHz	6GHz	Bluetooth					
1	2	-	-	-	ACCTON Technology Corporation	KG738-125B13U1S	PIFA Antenna	I-PEX	5.31
2	1	-	-	-	ACCTON Technology Corporation	KG738-80W13U1S	PIFA Antenna	I-PEX	5.25
3	-	2	-	-	ACCTON Technology Corporation	KG739-165G13U1S	PIFA Antenna	I-PEX	6.42
4	-	1	-	-	ACCTON Technology Corporation	KG739-100H13U1S	PIFA Antenna	I-PEX	6.76
5	-	-	1	-	ACCTON Technology Corporation	KG737-165A13U1S	PIFA Antenna	I-PEX	6.88
6	-	-	2	-	ACCTON Technology Corporation	KG737-115Y13U1S	PIFA Antenna	I-PEX	6.83
7	-	-	-	1	ACCTON Technology Corporation	GT128V007S-001	CHIP Antenna	N/A	3.71

Note 1: The above information was declared by manufacturer.

Note 2: Directional gain information

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

Ex.

Directional Gain (NSS1) formula :

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ant}} \left(\sum_{k=1}^{N_{ant}} g_{j,k} \right)^2}{N_{ANT}} \right]$$

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ; NSS1(g1,3) = 10^{G3/20} ; NSS1(g1,4) = 10^{G4/20}$$

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2 / N_{ANT}] \Rightarrow 10$$

$$\log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$$

Where ;

$$2.4G \ G1 = 5.31 \text{ dBi} ; G2 = 5.25 \text{ dBi} ;$$

$$5G \text{ UNII-1} \ G1 = 6.42 \text{ dBi} ; G2 = 6.76 \text{ dBi} ;$$

$$5G \text{ UNII-2A} \ G1 = 6.42 \text{ dBi} ; G2 = 6.76 \text{ dBi} ;$$

$$5G \text{ UNII-2C} \ G1 = 6.42 \text{ dBi} ; G2 = 6.76 \text{ dBi} ;$$

$$5G \text{ UNII-3} \ G1 = 6.42 \text{ dBi} ; G2 = 6.76 \text{ dBi} ;$$

$$2.4G \ DG = 8.29 \text{ dBi}$$

$$5G \text{ UNII-1} \ DG = 9.6 \text{ dBi}$$

$$5G \text{ UNII-2A} \ G1 = 9.6 \text{ dBi}$$

$$5G \text{ UNII-2C} \ G1 = 9.6 \text{ dBi}$$

$$5G \text{ UNII-3} \ DG = 9.6 \text{ dBi}$$

For 2.4GHz function:

For IEEE 802.11 b/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 5GHz function:

For IEEE 802.11a/n/ac/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 6GHz function:

For IEEE 802.11ax/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 Bluetooth function:

For Bluetooth mode (1TX/1RX):

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

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20-BF	0.946	0.24	2.988m	1k
802.11be EHT40	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40-BF	0.951	0.22	2.988m	1k
802.11be EHT80	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80-BF	0.961	0.17	3.897m	300
802.11be EHT160	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160-BF	0.973	0.12	3.9m	300
802.11be EHT320	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT320-BF	0.973	0.12	3.991m	300

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter or PoE	
	☒ With beamforming	☐ Without beamforming
Beamforming Function	The product has beamforming function for n/VHT/ax/be in 2.4GHz, 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	QSPR V6.00.00146.1	
Software / Firmware Version for CBP	OpenWrt 19.07-SNAPSHOT r0-cfbc350f5 / LuCI Master git-24.157.22531-cfbc350	

Note: The above information was declared by manufacturer.

**1.1.5 Table for Multiple Listing**

Equipment Name	Brand Name	Model Name	Description
Wi-Fi 7 Access Point	Edgecore	EAP105XYYYYZ	The difference of "XYYYYZ" would be marketing strategy: X can be symbol "(" or "blank" Y can be "A~Z, a~z, 1~9 or blank and -" Z can be symbol ")" or "blank"

Note 1: From the above models, model: EAP105 was selected as representative model for the test and its data was recorded in this report.

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 D01 v02r01
- ♦ FCC KDB 412172 D01 v01r01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (For other tests)	TH01-CB	Serway Lee	22.7~24.4 / 62~64	Oct. 21, 2024~ Dec. 28, 2024
Radiated (below 1GHz)	03CH03-CB	Gordon Hung	22.2~22.6 / 59~61	Jan. 02, 2025
Radiated (above 1GHz) and RF Radiated (E.I.R.P. Power/PSD)	03CH02-CB	Gordon Hung	21.5-23.3 / 61-63	Oct. 15, 2024~ Dec. 27, 2024
	03CH04-CB		22.7-23.8 / 58-60	
	03CH06-CB		22.5-22.9 / 58-60	
AC Conduction	CO02-CB	Ryan Huang	21~22 / 61~62	Oct. 30, 2024
RF Conducted (Contention-Based Protocol test)	DF01-CB	Young Yang	23.6~24.6 / 61~64	Dec. 18, 2024~ Dec. 20, 2024



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
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)_2TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
7115MHz
802.11be EHT40_Nss1,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80_Nss1,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160_Nss1,(MCS0)_2TX
6025MHz
6185MHz



6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320_Nss1,(MCS0)_2TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
7115MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80-BF_Nss1,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz



6945MHz
7025MHz
802.11be EHT160-BF_Nss1,(MCS0)_2TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320-BF_Nss1,(MCS0)_2TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz

Note:

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

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 or CTX
1	EUT + Adapter + type-C cable
2	EUT + PoE
For operating mode 2 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 Isotropically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.)
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
After evaluating, and 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, and 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 + WLAN 2.4GHz + Adapter + type-C cable
2	EUT + WLAN 5GHz + Adapter + type-C cable
3	EUT + WLAN 6GHz + Adapter + type-C cable
4	EUT + Bluetooth + Adapter + type-C cable
Mode 1 has been evaluated to be the worst case among Mode 1~4, thus measurement for Mode 5 will follow this same test mode.	
5	EUT + WLAN 2.4GHz + PoE
For operating mode 5 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
After evaluating, and 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	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	Bluetooth+WLAN 2.4GHz+WLAN 5GHz+WLAN 6GHz
Refer to Sporton Test Report No.: FA431508 for Co-location RF Exposure Evaluation.	

Note: The adapter and PoE below are for measurement only, would not be marketed.

The adapter and PoE information as below:

Support Unit	Brand Name	Model Number
Adapter	j5create	JUP37185
PoE	Cambium	NET-P30-56IN



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 11 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 QSPR V6.00.00146.1.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Client and transmit duty cycle no less than 98%.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories
Bracket*1

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	5G PoE PC	ASUS	S300TA	NA
B	1G LAN NB	Lenovo	X260	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A
E	6E NB	DELL	E7240	N/A
F	6E Device	INTEL	BE200	PD9BE200NG
G	Smart phone	Samsung	Galaxy J2	A3LSMG532M
H	PoE	Cambium	NET-P30-56IN	N/A



For Radiated (below 1GHz), Radiated (above 1GHz) / Non-beamforming mode, RF Radiated (Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) and Peak Power Spectral Density (E.I.R.P.) / Non-beamforming mode and RF Conducted (Other tests):

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

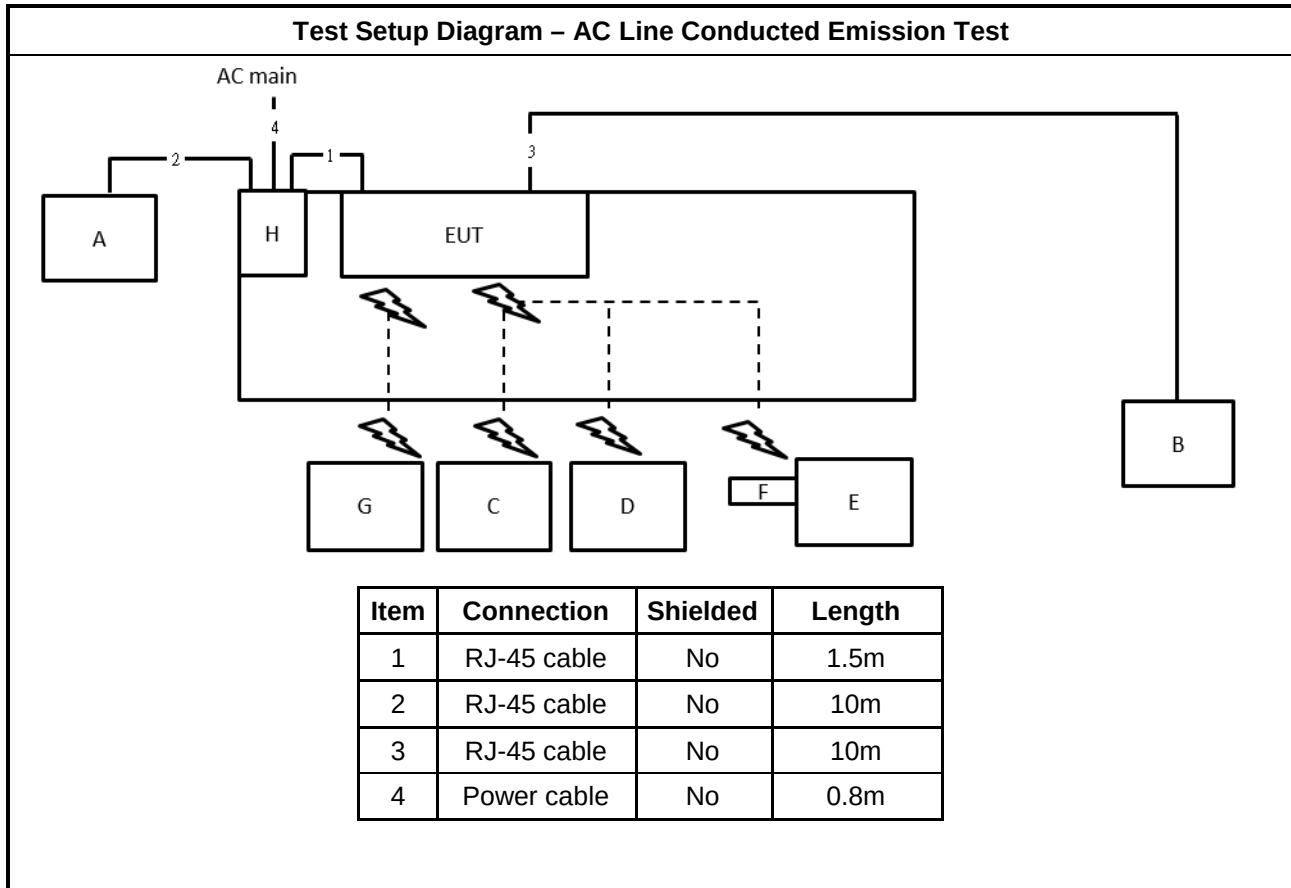
For Radiated (above 1GHz) and RF Radiated (Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) and Peak Power Spectral Density (E.I.R.P.) / Beamforming mode:

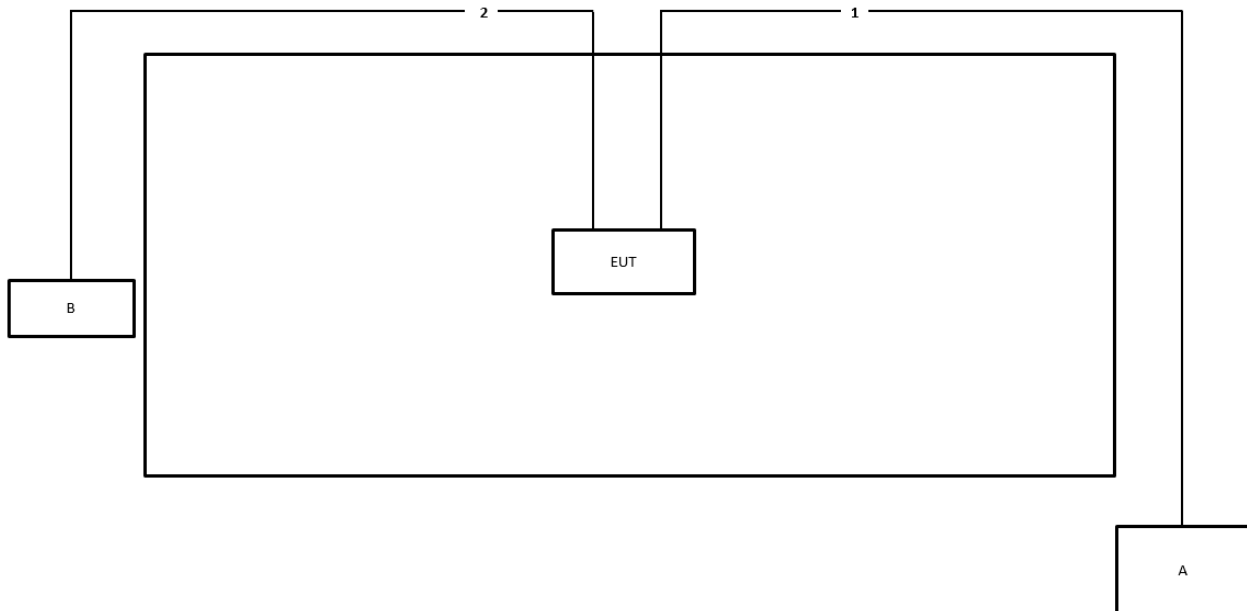
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	PoE	Cambium	NET-P30-56IN	N/A
C	Client	WLAN AP	EAP105	N/A
D	Notebook	DELL	E4300	N/A

For RF Conducted (Contention Based Protocol test):

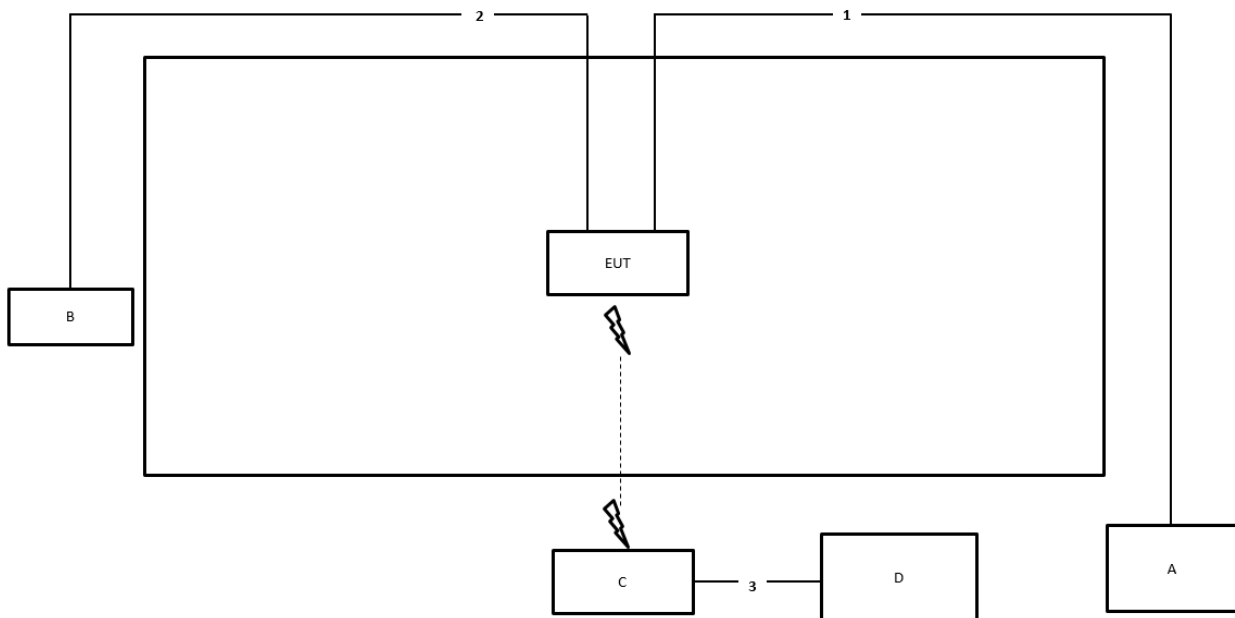
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E6230	N/A
B	Notebook	DELL	E6230	N/A
C	Client Device	Accton	EAP105	N/A
D	PoE	Cambium	NET-P30-56IN	N/A

2.6 Test Setup Diagram



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


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

Test Setup Diagram - Radiated Test > 1GHz / Beamforming mode


Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m



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.		

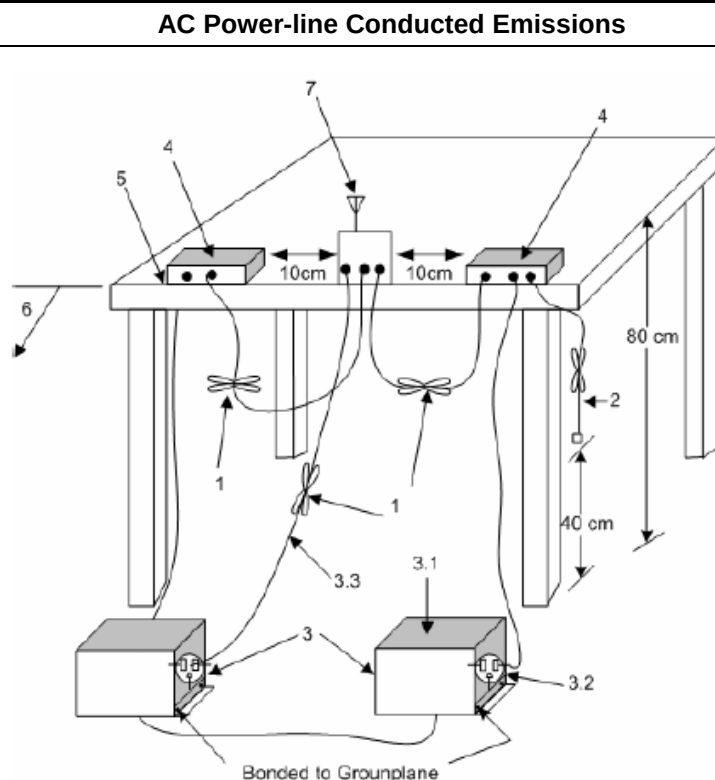
3.1.2 Measuring Instruments

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

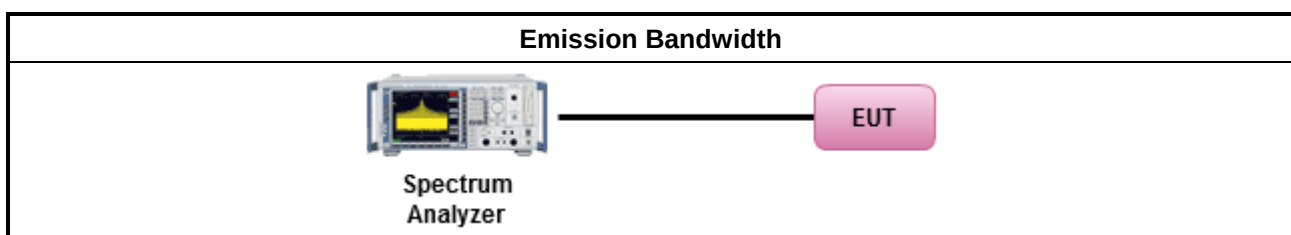
3.2.2 Measuring Instruments

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 Isotopically Radiated Power (E.I.R.P.)

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

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



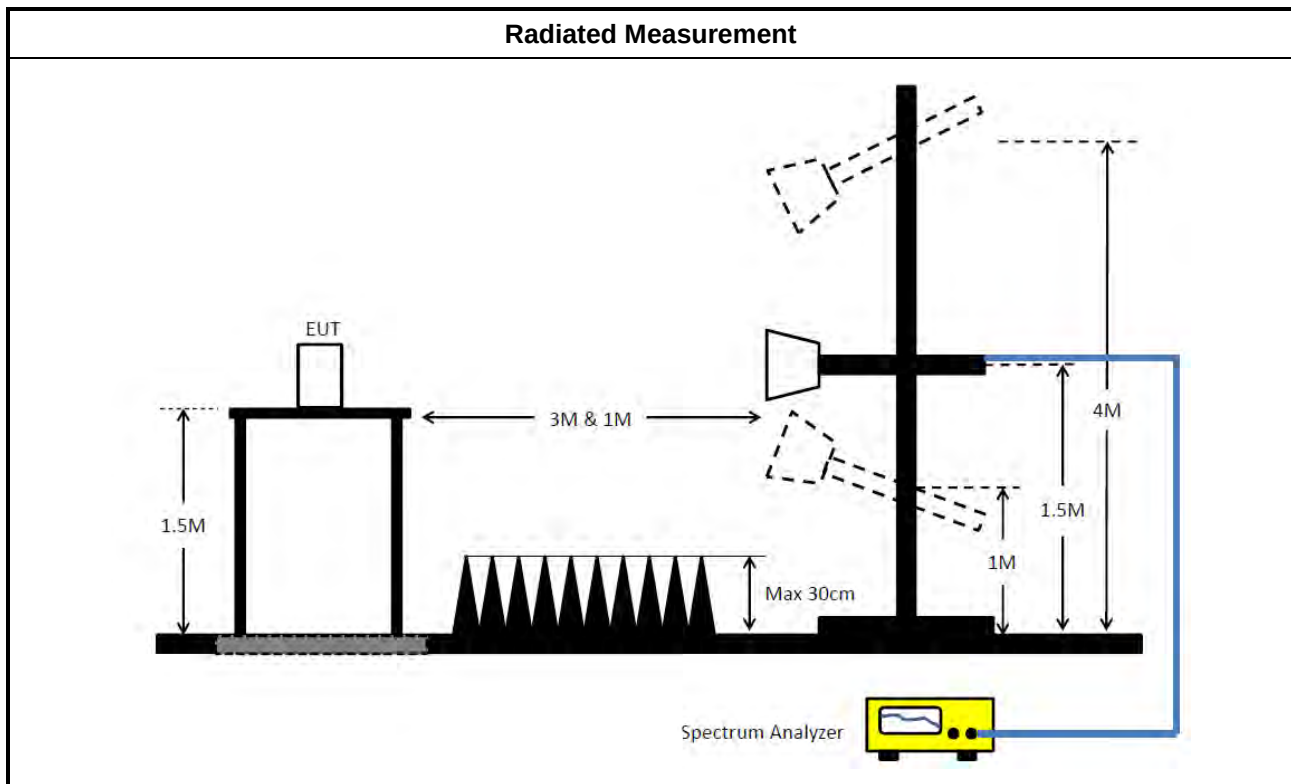
3.3.2 Measuring Instruments

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 Isotropically Radiated Power (E.I.R.P)

Refer as Appendix C



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

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

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

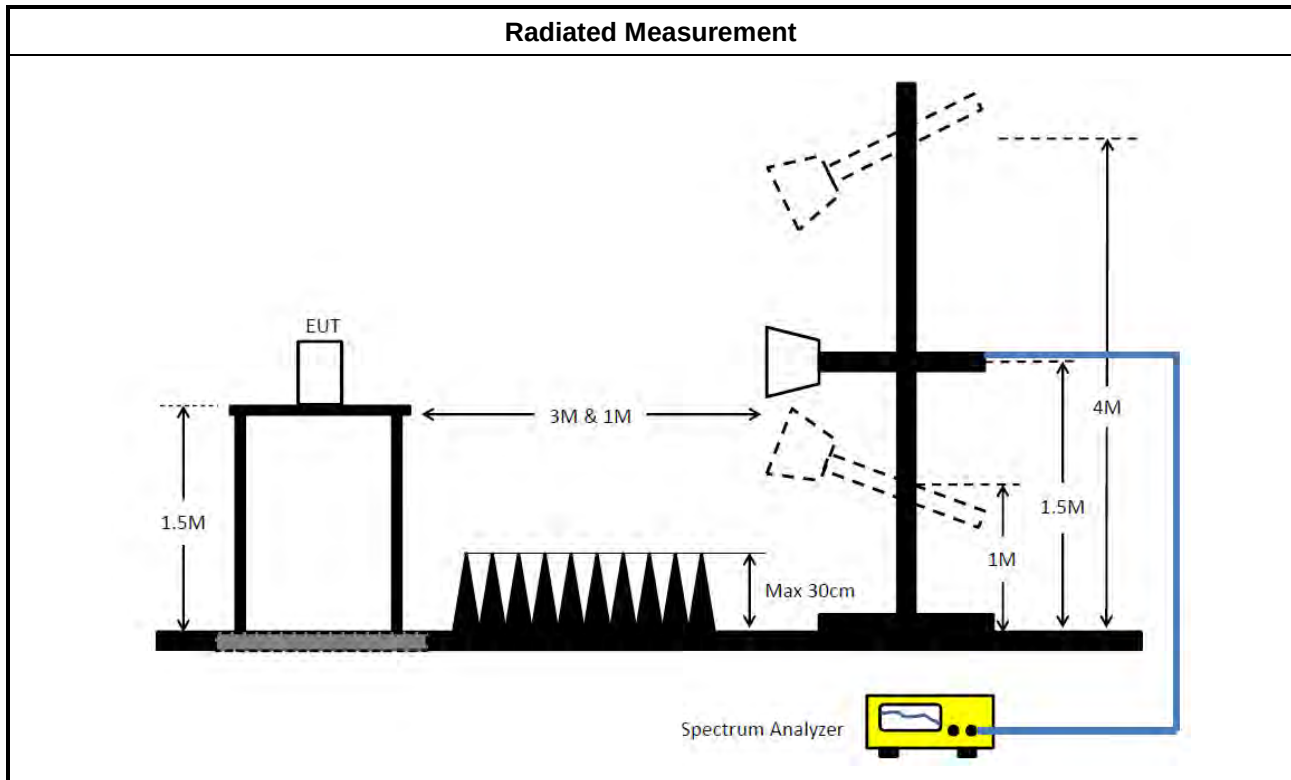


3.4.3 Test Procedures

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, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
[duty cycle ≥ 98% or external video / power trigger]	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☐	For conducted measurement.
If the EUT supports multiple transmit chains using options given below:	
☐	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (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.	

Test Method

- 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

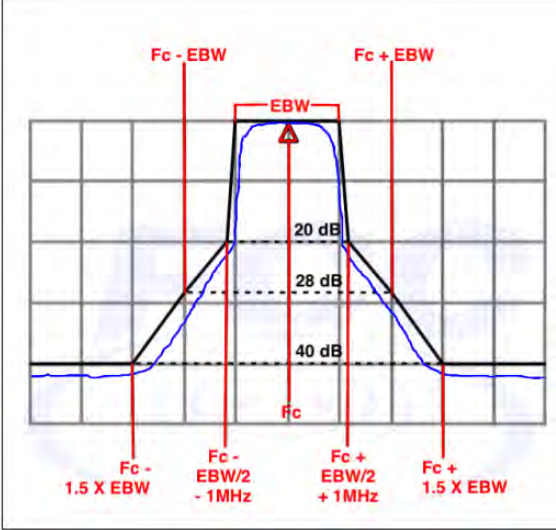
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3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



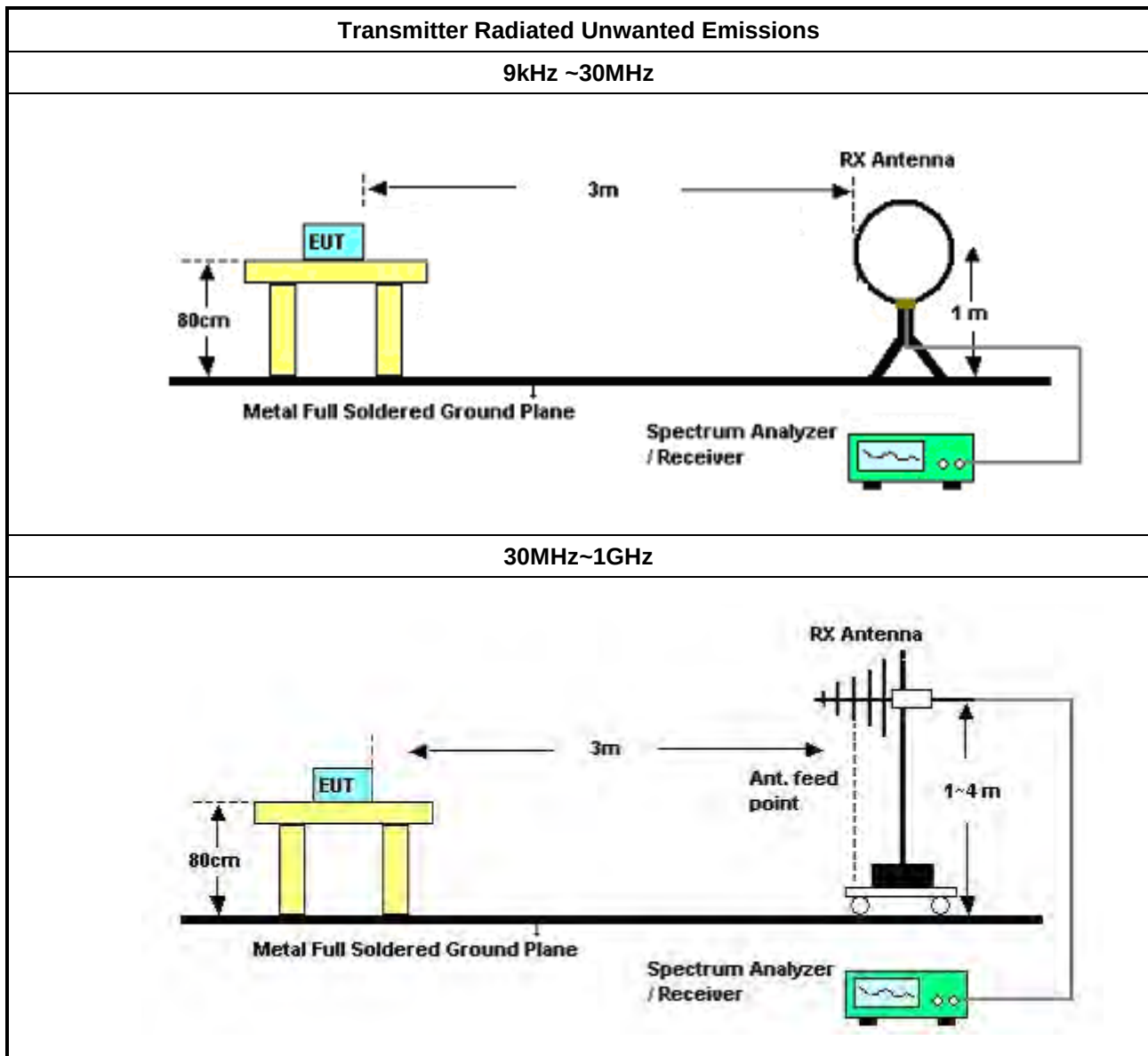
3.5.2 Measuring Instruments

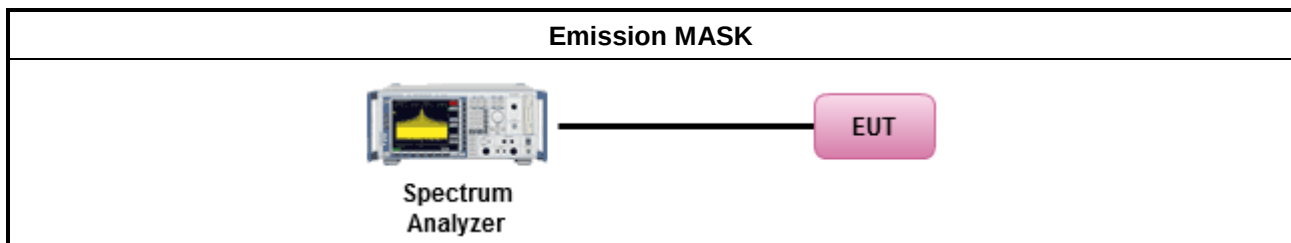
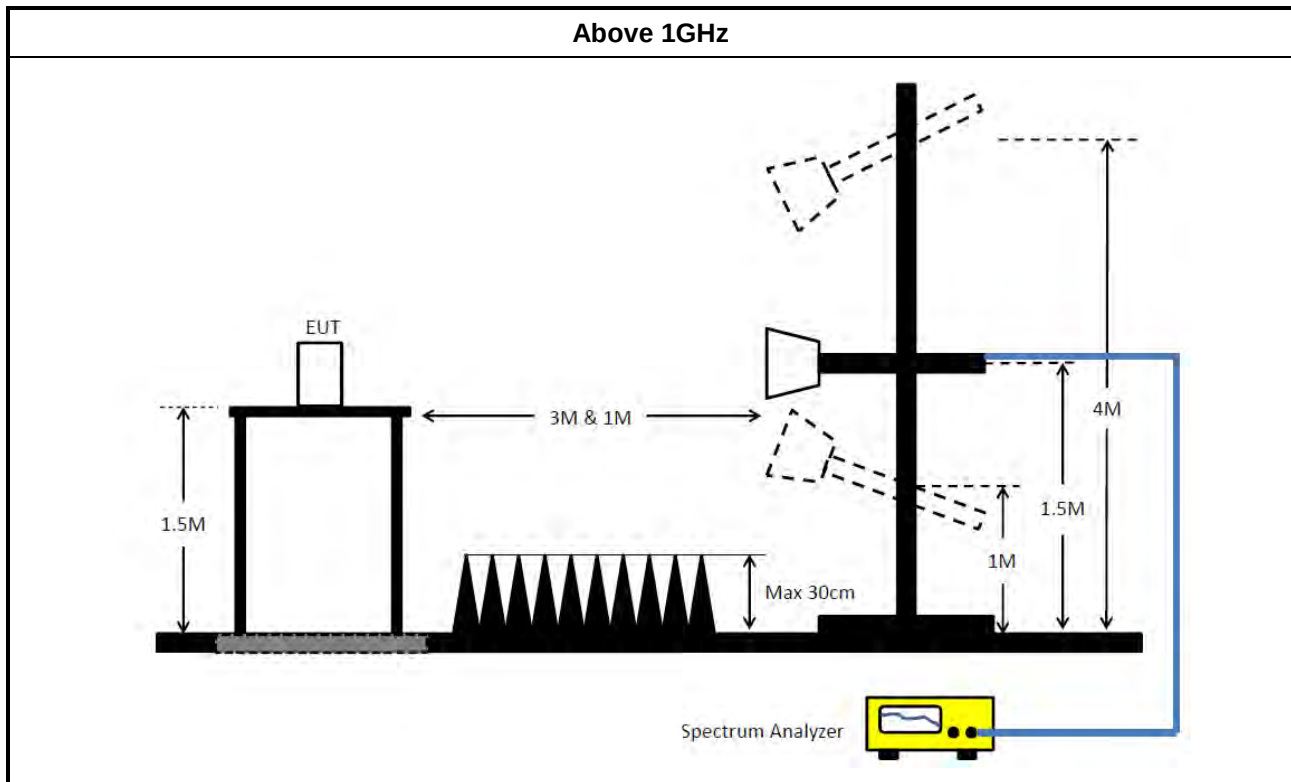
Refer a test equipment and calibration data table in this test report.

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.

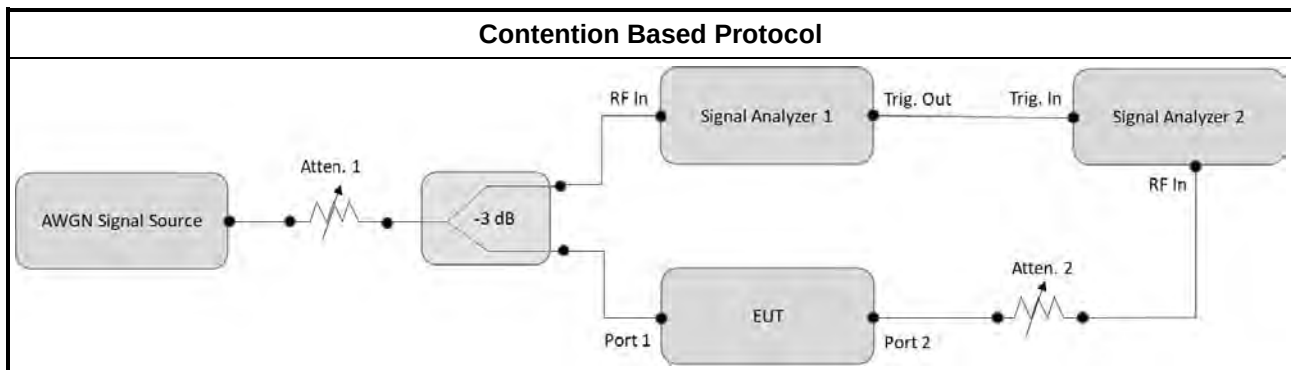
3.6.2 Measuring Instruments

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
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Apr. 15, 2024	Apr. 14, 2025	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 29, 2023	Dec. 28, 2024	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 15, 2024	May 14, 2025	Conduction (CO02-CB)
COND Cable	Woken	Cable	02	0.15MHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO02-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO02-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 24, 2024	Mar. 23, 2025	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 12, 2024	Apr. 11, 2025	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	Aug. 14, 2024	Aug. 13, 2025	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH02-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Oct. 02, 2024	Oct. 01, 2025	Radiation (03CH02-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 18, 2024	Jan. 17, 2025	Radiation (03CH03-CB)
Bilog Antenna with 6dB Attenuator	Schaffner & EMCI	CBL6112B&N-6-06	2888&AT-N0 605	30MHz ~ 1GHz	Jan. 18, 2024	Jan. 17, 2025	Radiation (03CH03-CB)
Amplifier	SGH	SGH301	20240606-1	30MHz ~ 1GHz	Jun. 04, 2024	Jun. 03, 2025	Radiation (03CH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 11, 2024	Jun. 10, 2025	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	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)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 17, 2024	Jan. 16, 2025	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 19, 2024	Mar. 18, 2025	Radiation (03CH04-CB)
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)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Oct. 02, 2024	Oct. 01, 2025	Radiation (03CH04-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 08, 2024	Oct. 07, 2025	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 29, 2024	Jul. 28, 2025	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA917025 2	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC12630SE	980383	1GHz ~ 18GHz	Jul. 31, 2024	Jul. 30, 2025	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH1840	20230109-3	18~40GHz	Jan. 12, 2024	Jan. 11, 2025	Radiation (03CH06-CB)
Signal analyzer	R&S	FSV3044	101667	9kHz~44GHz	Aug. 20, 2024	Aug. 19, 2025	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH06-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE-15407_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2024	May 26, 2025	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~18 GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
Cable 9k-18G	Woken	RG402	Cable-95	9 kHz –18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Mar. 01, 2024	Feb. 28, 2025	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	MY45100745	50MHz~18GHz	Jul. 12, 2024	Jul. 11, 2025	Conducted (TH01-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH01-CB)
Spectrum Analyzer	R&S	FSV40	101026	9kHz~40GHz	Nov. 26, 2024	Nov. 25, 2025	Conducted (DF01-CB)
Vector Signal generator	R&S	SMU200A	102782	100kHz-6GHz	Sep. 16, 2024	Sep. 15, 2025	Conducted (DF01-CB)
Vector Signal generator	R&S	SMW200A	109426	100kHz- 7.5GHz	Dec. 21, 2023	Dec. 20, 2024	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.



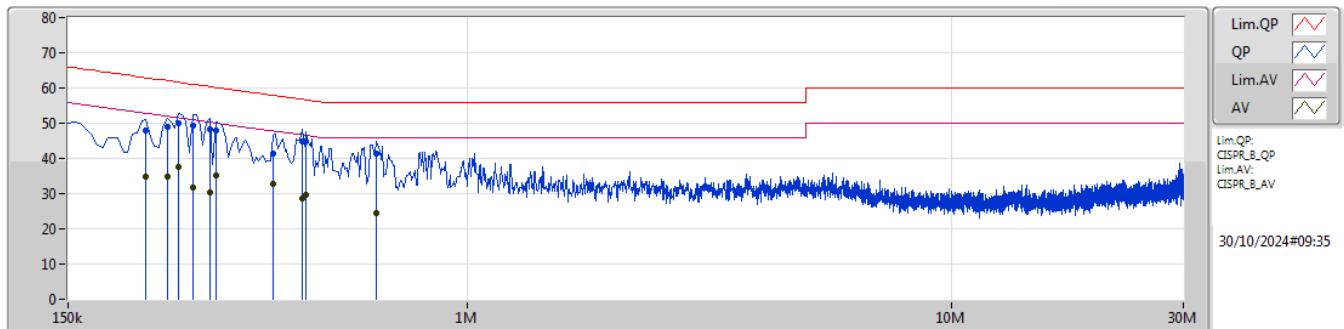
Conducted Emissions at Powerline

Appendix A

Summary

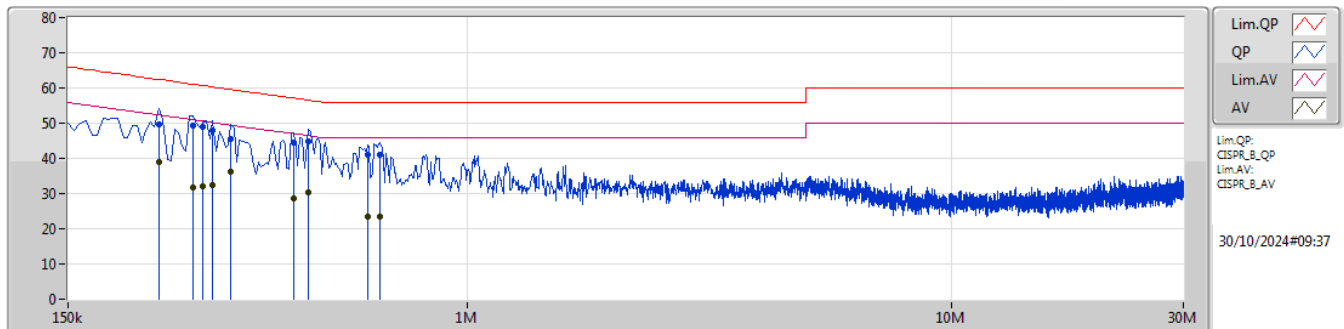
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	QP	271.5k	49.36	61.07	-11.71	Neutral

Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	217.5k	47.78	62.92	-15.14	10.09	Line	-	37.69	0.05	0.02	10.02						
AV	217.5k	34.79	52.92	-18.13	10.09	Line	-	24.70	0.05	0.02	10.02						
QP	240k	48.89	62.10	-13.21	10.10	Line	-	38.79	0.05	0.03	10.02						
AV	240k	34.74	52.10	-17.36	10.10	Line	-	24.64	0.05	0.03	10.02						
QP	253.5k	49.83	61.64	-11.81	10.10	Line	-	39.73	0.05	0.03	10.02						
AV	253.5k	37.59	51.64	-14.05	10.10	Line	-	27.49	0.05	0.03	10.02						
QP	271.5k	49.35	61.07	-11.72	10.10	Line	"Worst"	39.25	0.05	0.03	10.02						
AV	271.5k	31.78	51.07	-19.29	10.10	Line	-	21.68	0.05	0.03	10.02						
QP	294k	48.18	60.42	-12.24	10.11	Line	-	38.07	0.05	0.03	10.03						
AV	294k	30.43	50.42	-19.99	10.11	Line	-	20.32	0.05	0.03	10.03						
QP	303k	47.82	60.17	-12.35	10.11	Line	-	37.71	0.05	0.03	10.03						
AV	303k	35.11	50.17	-15.06	10.11	Line	-	25.00	0.05	0.03	10.03						
QP	397.5k	41.31	57.91	-16.60	10.12	Line	-	31.19	0.05	0.04	10.03						
AV	397.5k	32.65	47.91	-15.26	10.12	Line	-	22.53	0.05	0.04	10.03						
QP	456k	44.72	56.76	-12.04	10.12	Line	-	34.60	0.05	0.04	10.03						
AV	456k	28.49	46.76	-18.27	10.12	Line	-	18.37	0.05	0.04	10.03						
QP	465k	44.72	56.61	-11.89	10.12	Line	-	34.60	0.05	0.04	10.03						
AV	465k	29.82	46.61	-16.79	10.12	Line	-	19.70	0.05	0.04	10.03						
QP	649.5k	41.42	56.00	-14.58	10.12	Line	-	31.30	0.06	0.03	10.03						
AV	649.5k	24.40	46.00	-21.60	10.12	Line	-	14.28	0.06	0.03	10.03						

Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	231k	49.49	62.41	-12.92	10.09	Neutral	-	39.40	0.05	0.02	10.02						
AV	231k	39.01	52.41	-13.40	10.09	Neutral	-	28.92	0.05	0.02	10.02						
QP	271.5k	49.36	61.07	-11.71	10.10	Neutral	"Worst"	39.26	0.05	0.03	10.02						
AV	271.5k	31.77	51.07	-19.30	10.10	Neutral	-	21.67	0.05	0.03	10.02						
QP	285k	48.88	60.67	-11.79	10.11	Neutral	-	38.77	0.05	0.03	10.03						
AV	285k	32.20	50.67	-18.47	10.11	Neutral	-	22.09	0.05	0.03	10.03						
QP	298.5k	47.89	60.28	-12.39	10.11	Neutral	-	37.78	0.05	0.03	10.03						
AV	298.5k	32.43	50.28	-17.85	10.11	Neutral	-	22.32	0.05	0.03	10.03						
QP	325.5k	45.60	59.56	-13.96	10.11	Neutral	-	35.49	0.05	0.03	10.03						
AV	325.5k	36.37	49.56	-13.19	10.11	Neutral	-	26.26	0.05	0.03	10.03						
QP	438k	44.54	57.11	-12.57	10.12	Neutral	-	34.42	0.05	0.04	10.03						
AV	438k	28.45	47.11	-18.66	10.12	Neutral	-	18.33	0.05	0.04	10.03						
QP	469.5k	44.73	56.52	-11.79	10.12	Neutral	-	34.61	0.05	0.04	10.03						
AV	469.5k	30.33	46.52	-16.19	10.12	Neutral	-	20.21	0.05	0.04	10.03						
QP	622.5k	41.18	56.00	-14.82	10.11	Neutral	-	31.07	0.05	0.03	10.03						
AV	622.5k	23.60	46.00	-22.40	10.11	Neutral	-	13.49	0.05	0.03	10.03						
QP	658.5k	41.10	56.00	-14.90	10.12	Neutral	-	30.98	0.06	0.03	10.03						
AV	658.5k	23.62	46.00	-22.38	10.12	Neutral	-	13.50	0.06	0.03	10.03						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	22.495M	19.098M	19M1D1D	21.505M	19.005M
802.11be EHT20-BF_Nss1,(MCS0)_2TX	22.385M	19.042M	19M0D1D	20.57M	19.007M
802.11be EHT40_Nss1,(MCS0)_2TX	44.22M	38.032M	38M0D1D	42.02M	37.944M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	44.11M	38.013M	38M0D1D	41.47M	37.878M
802.11be EHT80_Nss1,(MCS0)_2TX	88.66M	77.73M	77M7D1D	84.26M	77.474M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	88.44M	77.763M	77M8D1D	85.14M	77.484M
802.11be EHT160_Nss1,(MCS0)_2TX	171.6M	157.12M	157MD1D	167.64M	156.655M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	172.92M	157.131M	157MD1D	168.08M	156.589M
802.11be EHT320_Nss1,(MCS0)_2TX	337.92M	316.066M	316MD1D	328.24M	315.016M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	386.32M	316.949M	317MD1D	323.84M	314.426M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	22.88M	19.117M	19M1D1D	20.955M	18.965M
802.11be EHT20-BF_Nss1,(MCS0)_2TX	21.725M	19.101M	19M1D1D	21.395M	18.996M
802.11be EHT40_Nss1,(MCS0)_2TX	43.12M	38.023M	38M0D1D	41.03M	37.935M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	43.67M	38.029M	38M0D1D	42.02M	37.923M
802.11be EHT80_Nss1,(MCS0)_2TX	88.44M	77.662M	77M7D1D	85.14M	77.63M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	88.66M	77.651M	77M7D1D	86.24M	77.547M
802.11be EHT160_Nss1,(MCS0)_2TX	168.96M	156.904M	157MD1D	168.52M	156.799M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	168.08M	156.699M	157MD1D	167.64M	156.678M
802.11be EHT320_Nss1,(MCS0)_2TX	330M	315.345M	315MD1D	323.84M	314.767M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	328.24M	315.383M	315MD1D	323.84M	314.515M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	22.33M	19.126M	19M1D1D	21.45M	18.979M
802.11be EHT20-BF_Nss1,(MCS0)_2TX	22.22M	19.048M	19M0D1D	21.395M	18.96M
802.11be EHT40_Nss1,(MCS0)_2TX	43.23M	38.078M	38M1D1D	41.47M	37.921M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	43.89M	38.104M	38M1D1D	42.02M	37.949M
802.11be EHT80_Nss1,(MCS0)_2TX	88M	77.759M	77M8D1D	85.58M	77.545M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	89.54M	77.802M	77M8D1D	85.36M	77.563M
802.11be EHT160_Nss1,(MCS0)_2TX	172.48M	157.005M	157MD1D	168.96M	156.764M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	171.6M	156.966M	157MD1D	167.2M	156.642M
802.11be EHT320_Nss1,(MCS0)_2TX	341.44M	315.476M	315MD1D	330.88M	314.611M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	329.12M	315.702M	316MD1D	325.6M	315.047M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	22.77M	19.093M	19M1D1D	21.45M	18.989M
802.11be EHT20-BF_Nss1,(MCS0)_2TX	21.67M	19.067M	19M1D1D	21.175M	19.003M
802.11be EHT40_Nss1,(MCS0)_2TX	43.56M	38.004M	38M0D1D	42.13M	37.927M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	43.78M	38.021M	38M0D1D	41.91M	37.934M
802.11be EHT80_Nss1,(MCS0)_2TX	89.98M	77.712M	77M7D1D	85.14M	77.569M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	88.44M	77.729M	77M7D1D	84.48M	77.474M
802.11be EHT160_Nss1,(MCS0)_2TX	169.84M	156.914M	157MD1D	169.4M	156.866M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	172.92M	157.175M	157MD1D	169.4M	156.495M

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

Result

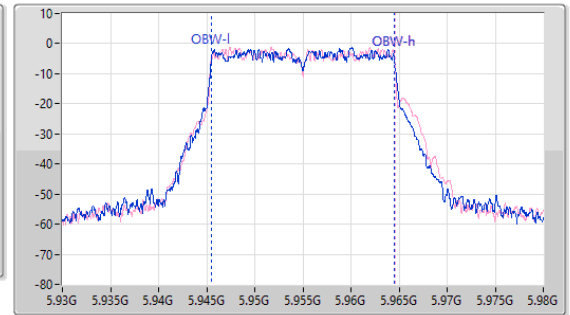
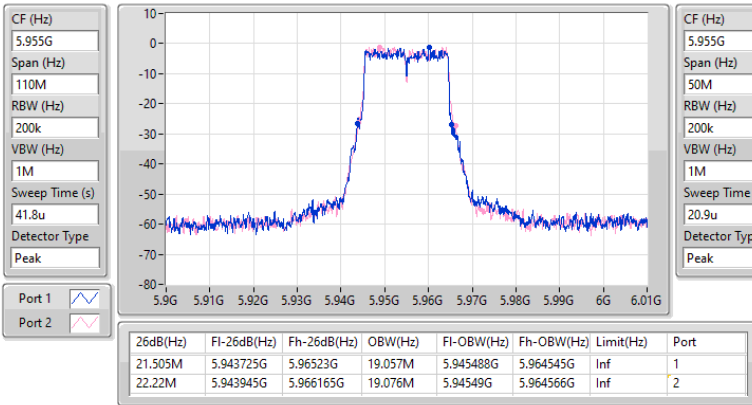
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	21.505M	19.057M	22.22M	19.076M
6195MHz	Pass	Inf	21.725M	19.098M	22.275M	19.005M
6415MHz	Pass	Inf	21.56M	19.065M	22.495M	19.01M
6435MHz	Pass	Inf	21.175M	19.052M	22M	19.117M
6475MHz	Pass	Inf	21.78M	18.965M	20.955M	18.985M
6515MHz	Pass	Inf	22.66M	18.991M	22.88M	19.026M
6535MHz	Pass	Inf	21.45M	19.126M	22.165M	19.046M
6695MHz	Pass	Inf	22.22M	18.987M	22.275M	18.979M
6875MHz	Pass	Inf	22.22M	19.061M	22.33M	19.03M
6895MHz	Pass	Inf	21.835M	19.093M	21.78M	19.044M
6995MHz	Pass	Inf	21.78M	18.998M	21.89M	18.989M
7095MHz	Pass	Inf	22.165M	19.015M	21.505M	19.049M
7115MHz	Pass	Inf	21.45M	19.03M	22.77M	19.055M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	43.56M	37.975M	44.22M	37.944M
6205MHz	Pass	Inf	42.02M	38.032M	43.78M	37.996M
6405MHz	Pass	Inf	43.56M	37.954M	42.79M	38.009M
6445MHz	Pass	Inf	42.46M	37.935M	42.24M	37.995M
6485MHz	Pass	Inf	42.68M	38.023M	42.68M	37.998M
6525MHz	Pass	Inf	43.12M	38.003M	41.03M	38.007M
6565MHz	Pass	Inf	42.35M	37.921M	43.01M	38.001M
6685MHz	Pass	Inf	43.23M	37.958M	42.9M	38.007M
6885MHz	Pass	Inf	41.47M	38.078M	42.79M	37.949M
6925MHz	Pass	Inf	43.12M	37.946M	43.56M	37.927M
7005MHz	Pass	Inf	43.12M	37.955M	42.13M	38.001M
7085MHz	Pass	Inf	42.68M	38.004M	43.12M	37.957M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	84.7M	77.567M	86.24M	77.474M
6225MHz	Pass	Inf	87.56M	77.73M	88.66M	77.628M
6385MHz	Pass	Inf	84.48M	77.675M	84.26M	77.587M
6465MHz	Pass	Inf	85.14M	77.662M	88.44M	77.642M
6545MHz	Pass	Inf	86.9M	77.63M	86.46M	77.633M
6625MHz	Pass	Inf	86.9M	77.759M	86.02M	77.717M
6705MHz	Pass	Inf	88M	77.568M	87.34M	77.601M
6785MHz	Pass	Inf	85.8M	77.742M	86.46M	77.545M
6865MHz	Pass	Inf	88M	77.632M	85.58M	77.64M
6945MHz	Pass	Inf	87.78M	77.688M	86.68M	77.712M
7025MHz	Pass	Inf	89.98M	77.569M	85.14M	77.712M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	168.08M	156.828M	171.6M	156.655M
6185MHz	Pass	Inf	171.6M	157.12M	167.64M	156.998M
6345MHz	Pass	Inf	169.4M	156.721M	167.64M	156.918M
6505MHz	Pass	Inf	168.96M	156.799M	168.52M	156.904M
6665MHz	Pass	Inf	170.28M	156.769M	168.96M	156.764M
6825MHz	Pass	Inf	172.48M	156.834M	172.48M	157.005M
6985MHz	Pass	Inf	169.84M	156.866M	169.4M	156.914M
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	Inf	337.04M	315.594M	333.52M	315.153M
6265MHz	Pass	Inf	337.92M	316.066M	330M	315.585M
6425MHz	Pass	Inf	330M	315.016M	328.24M	315.663M
6585MHz	Pass	Inf	330M	314.767M	323.84M	315.345M
6745MHz	Pass	Inf	341.44M	315.346M	336.16M	314.611M
6905MHz	Pass	Inf	331.76M	315.476M	330.88M	315.258M
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5955MHz	Pass	Inf	20.9M	19.007M	20.57M	19.022M
6195MHz	Pass	Inf	22.385M	19.042M	21.945M	19.026M
6415MHz	Pass	Inf	21.56M	19.014M	21.45M	19.036M
6435MHz	Pass	Inf	21.615M	19.101M	21.45M	19.057M
6475MHz	Pass	Inf	21.395M	18.996M	21.45M	19.068M
6515MHz	Pass	Inf	21.725M	19.023M	21.56M	19.03M
6535MHz	Pass	Inf	21.395M	19.023M	21.615M	19.02M
6695MHz	Pass	Inf	21.56M	19.021M	21.725M	19.048M
6875MHz	Pass	Inf	22.22M	18.96M	21.505M	19.029M
6895MHz	Pass	Inf	21.505M	19.059M	21.56M	19.036M
6995MHz	Pass	Inf	21.175M	19.059M	21.45M	19.067M
7095MHz	Pass	Inf	21.34M	19.035M	21.56M	19.043M
7115MHz	Pass	Inf	21.615M	19.003M	21.67M	19.067M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	42.57M	37.951M	43.23M	38.013M
6205MHz	Pass	Inf	44.11M	38.003M	42.79M	37.957M
6405MHz	Pass	Inf	43.12M	38.003M	41.47M	37.878M
6445MHz	Pass	Inf	43.01M	37.923M	43.56M	37.929M
6485MHz	Pass	Inf	43.67M	37.982M	43.67M	37.975M
6525MHz	Pass	Inf	42.9M	37.997M	42.02M	38.029M
6565MHz	Pass	Inf	43.67M	37.968M	43.23M	38.009M
6685MHz	Pass	Inf	42.02M	37.996M	42.24M	38.036M
6885MHz	Pass	Inf	43.89M	38.104M	42.68M	37.949M
6925MHz	Pass	Inf	43.78M	37.989M	43.12M	37.989M
7005MHz	Pass	Inf	43.67M	38.021M	42.24M	37.999M
7085MHz	Pass	Inf	41.91M	37.995M	42.79M	37.934M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	87.34M	77.52M	86.46M	77.572M
6225MHz	Pass	Inf	88.44M	77.644M	85.14M	77.737M
6385MHz	Pass	Inf	87.56M	77.763M	85.14M	77.484M
6465MHz	Pass	Inf	87.78M	77.547M	86.24M	77.569M
6545MHz	Pass	Inf	86.9M	77.651M	88.66M	77.611M
6625MHz	Pass	Inf	89.54M	77.642M	87.78M	77.802M
6705MHz	Pass	Inf	88.44M	77.563M	89.1M	77.613M
6785MHz	Pass	Inf	89.54M	77.622M	85.8M	77.696M
6865MHz	Pass	Inf	86.02M	77.683M	85.36M	77.654M
6945MHz	Pass	Inf	86.02M	77.474M	86.24M	77.622M
7025MHz	Pass	Inf	88.44M	77.729M	84.48M	77.689M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	170.28M	157.009M	170.28M	156.589M
6185MHz	Pass	Inf	172.92M	156.833M	168.08M	156.606M
6345MHz	Pass	Inf	170.72M	157.131M	170.72M	156.668M
6505MHz	Pass	Inf	167.64M	156.699M	168.08M	156.678M
6665MHz	Pass	Inf	168.08M	156.642M	171.6M	156.838M
6825MHz	Pass	Inf	168.08M	156.693M	167.2M	156.966M
6985MHz	Pass	Inf	172.92M	156.495M	169.4M	157.175M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	Inf	323.84M	314.426M	323.84M	315.391M
6265MHz	Pass	Inf	386.32M	316.949M	324.72M	315.316M
6425MHz	Pass	Inf	343.2M	316.715M	327.36M	315.404M
6585MHz	Pass	Inf	328.24M	315.383M	323.84M	314.515M
6745MHz	Pass	Inf	329.12M	315.047M	327.36M	315.702M
6905MHz	Pass	Inf	325.6M	315.112M	328.24M	315.551M

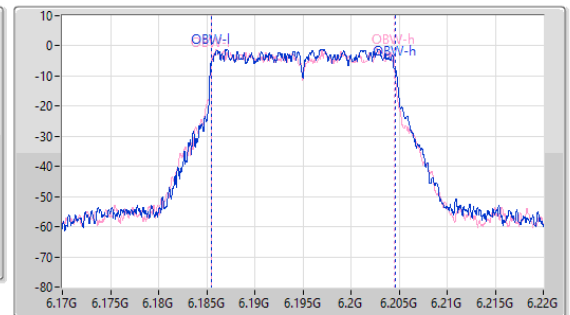
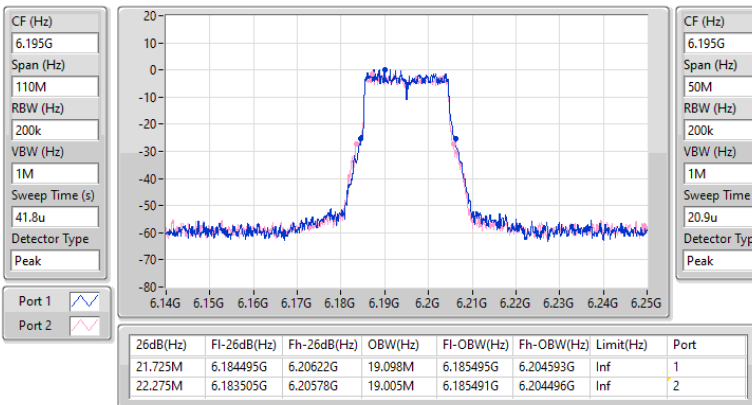
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5955MHz

22/10/2024

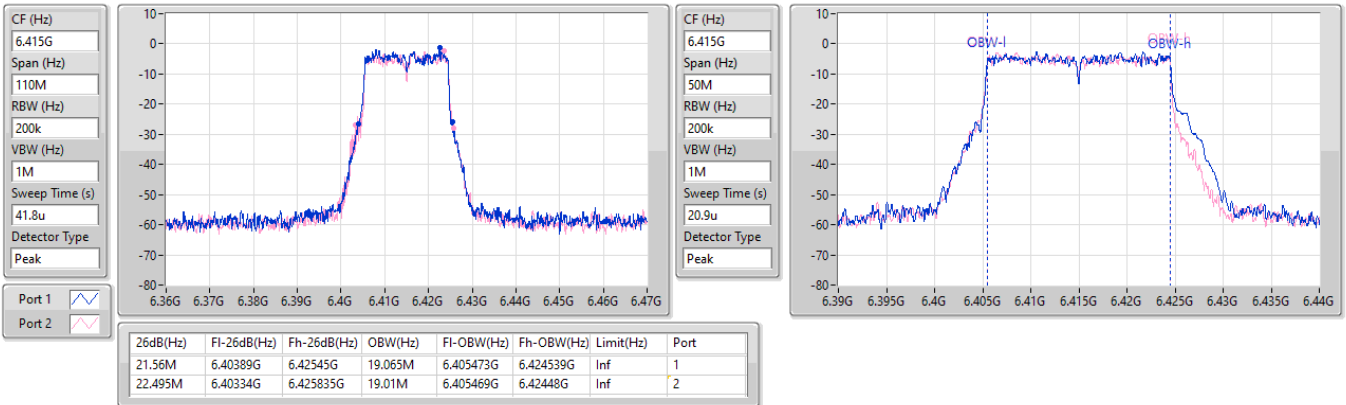

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6195MHz

22/10/2024

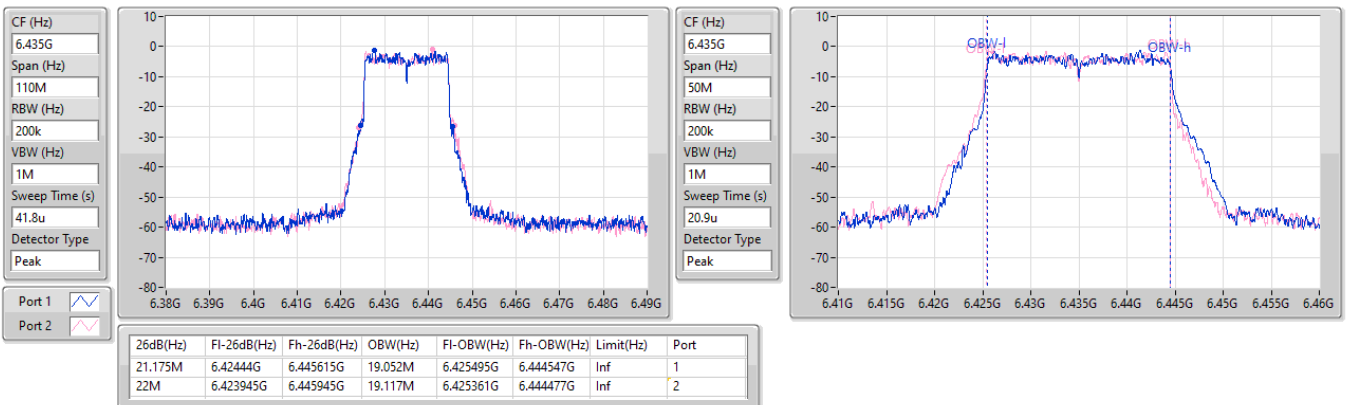


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6415MHz

22/10/2024

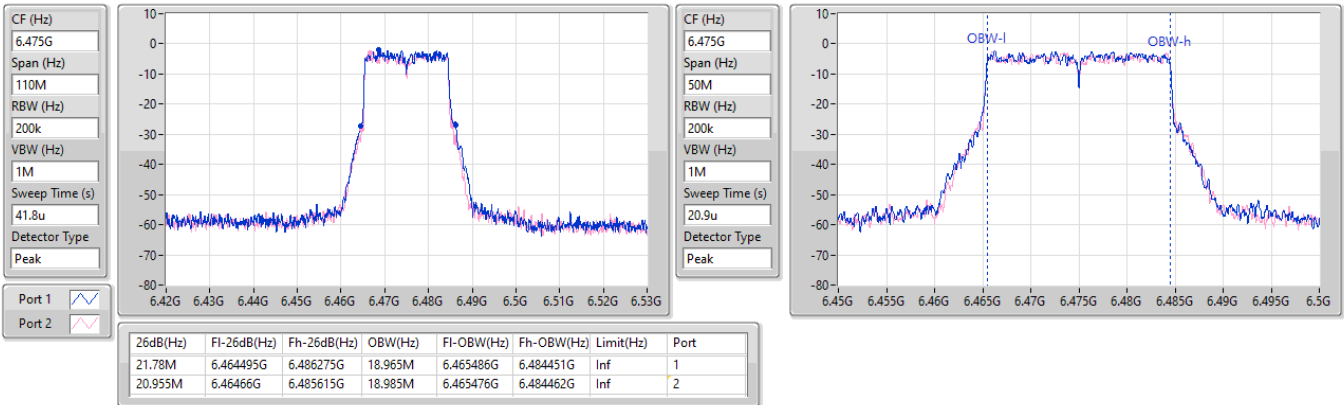

6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6435MHz

22/10/2024

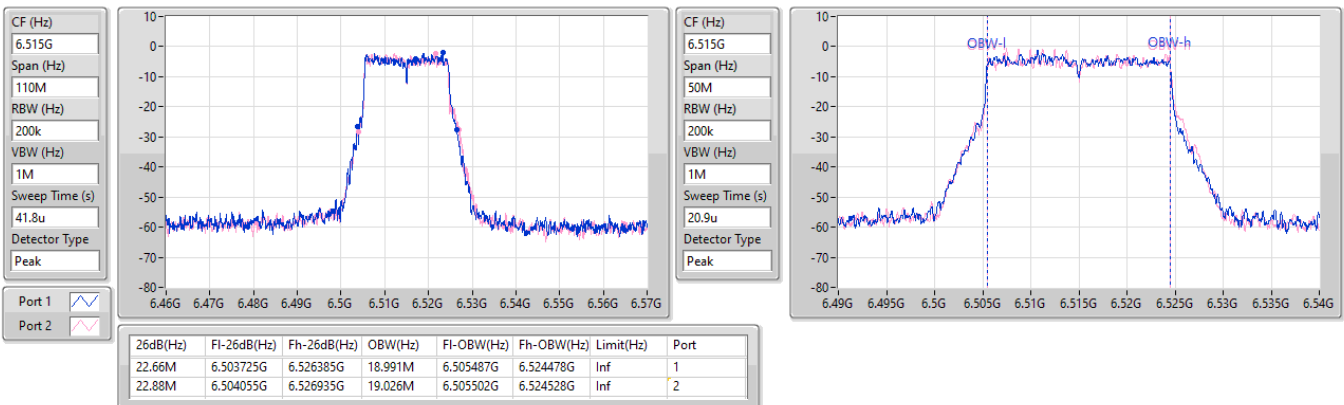


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6475MHz

22/10/2024


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6515MHz

22/10/2024

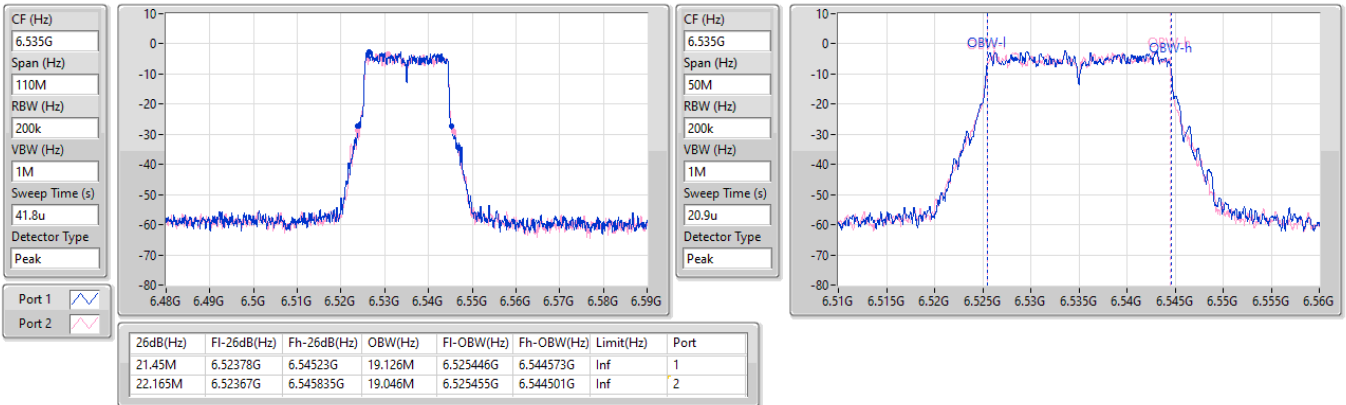


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6535MHz

22/10/2024

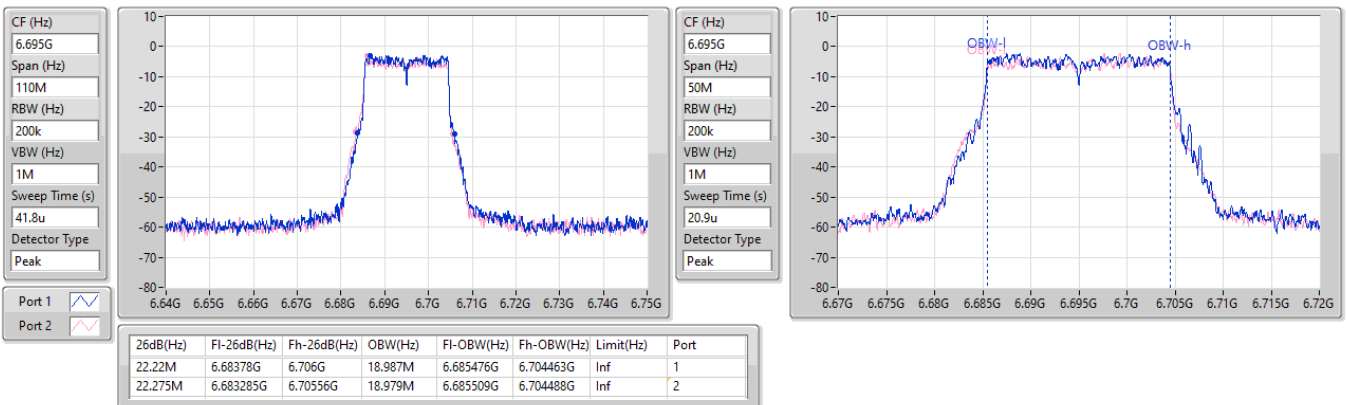


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6695MHz

22/10/2024

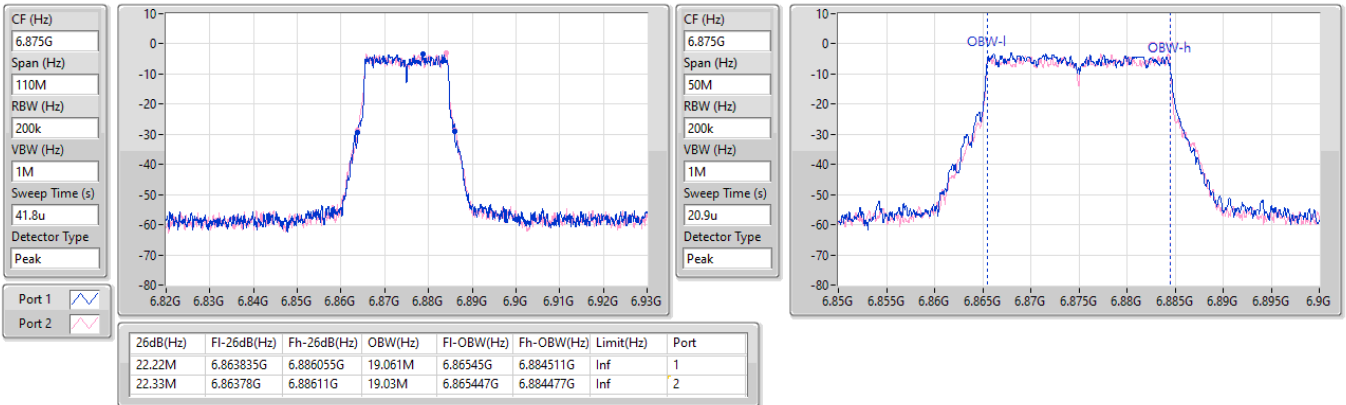


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6875MHz

22/10/2024

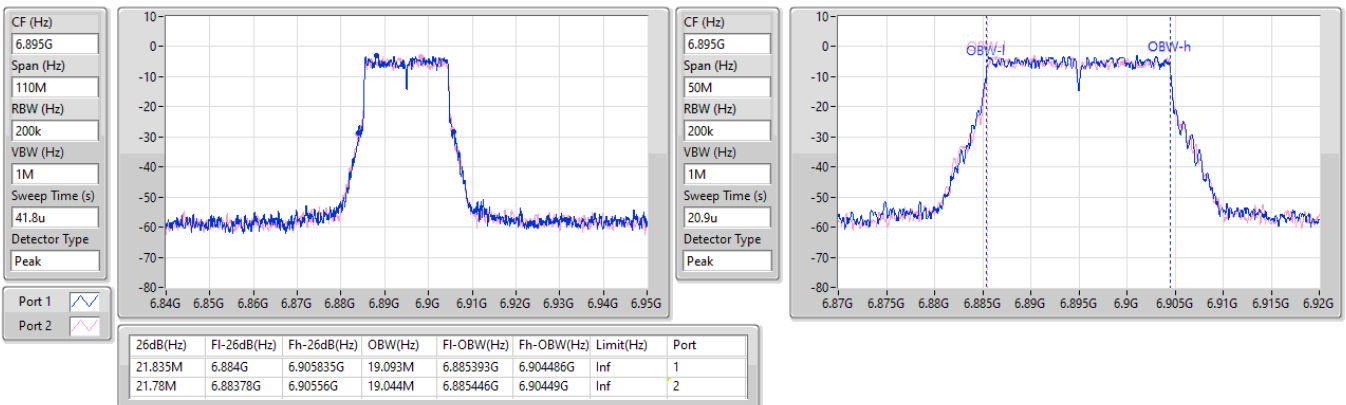


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6895MHz

22/10/2024

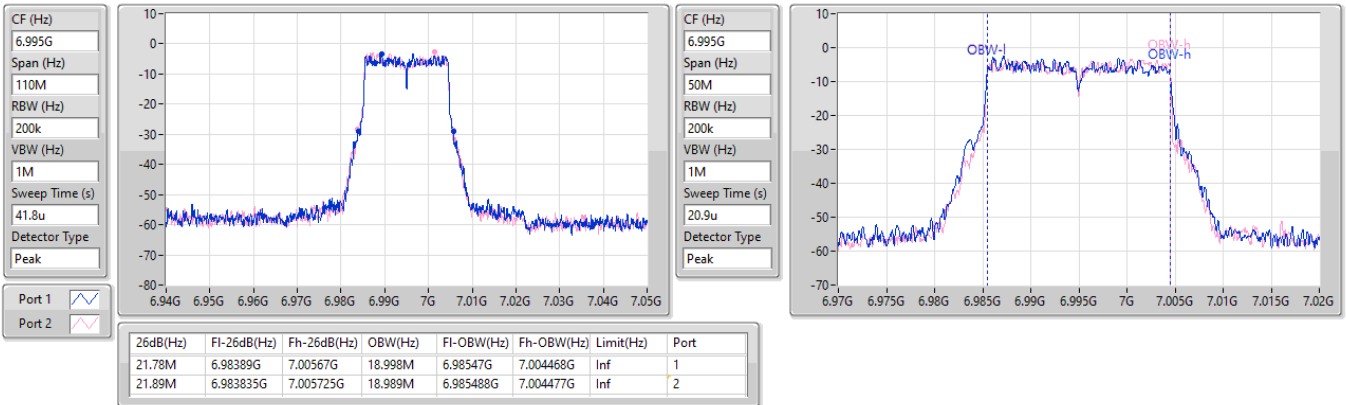


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6995MHz

22/10/2024

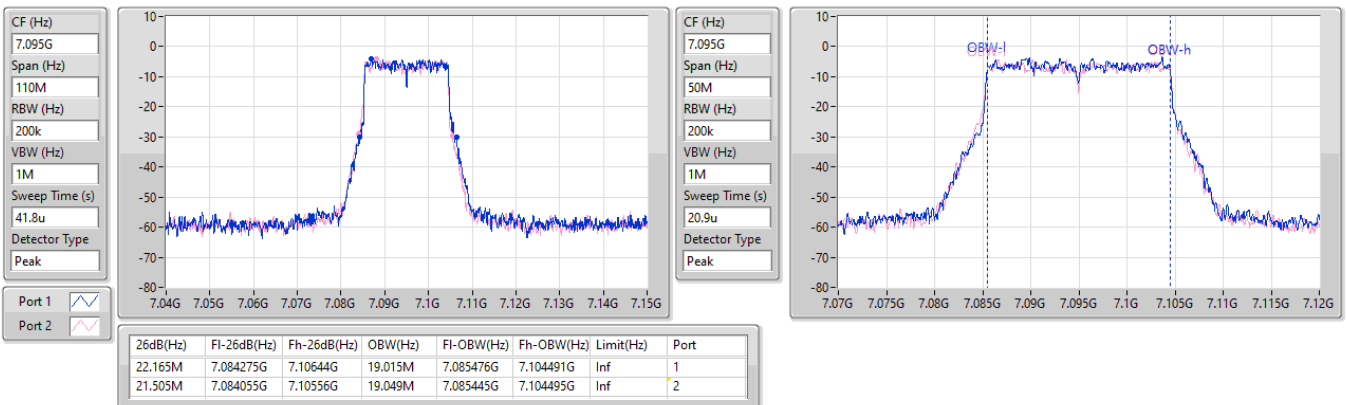


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

7095MHz

22/10/2024

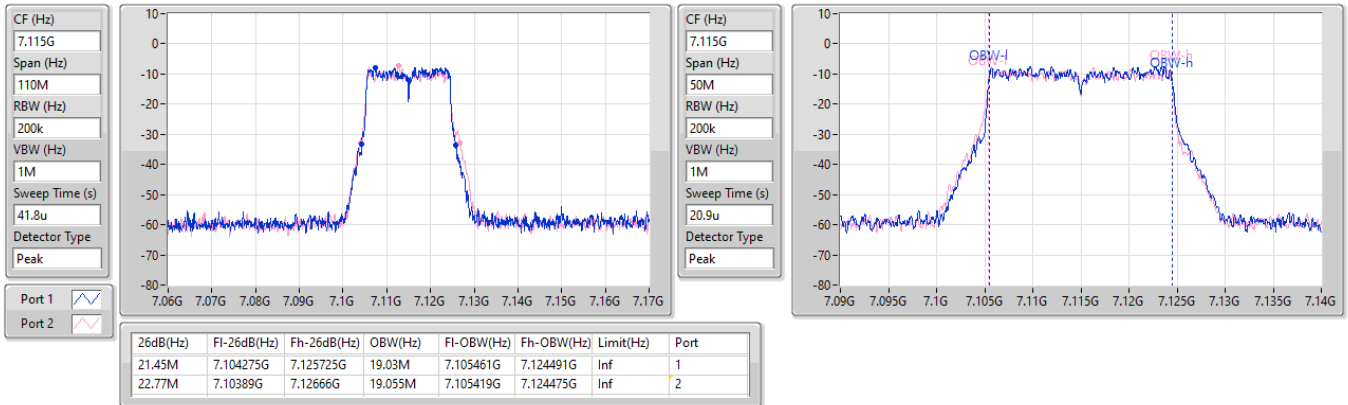


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

7115MHz

22/10/2024

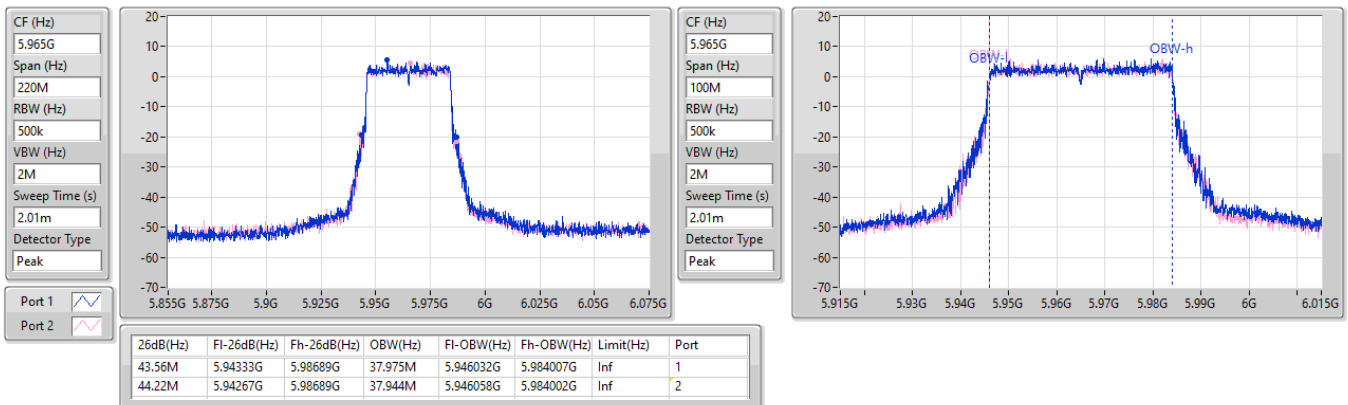


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5965MHz

22/10/2024

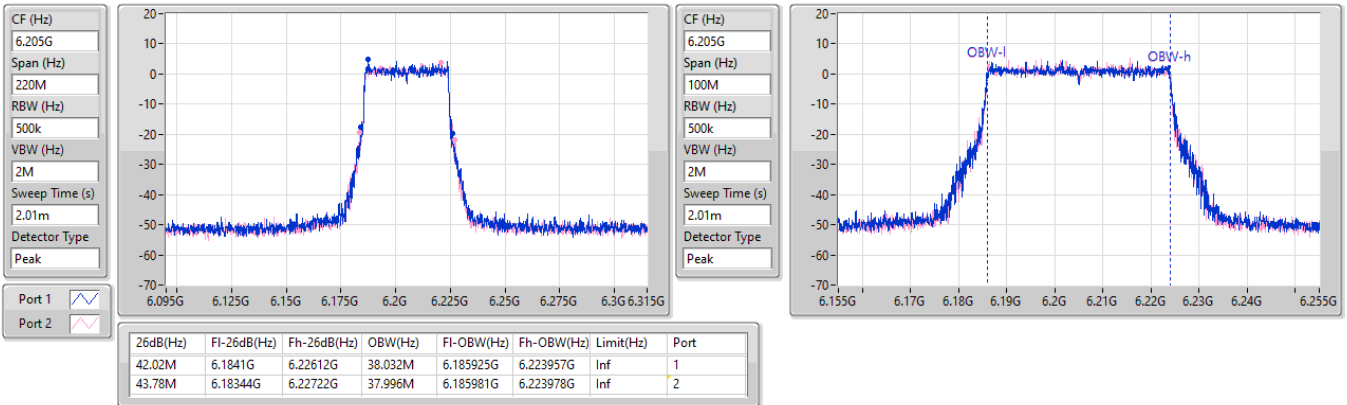


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6205MHz

22/10/2024

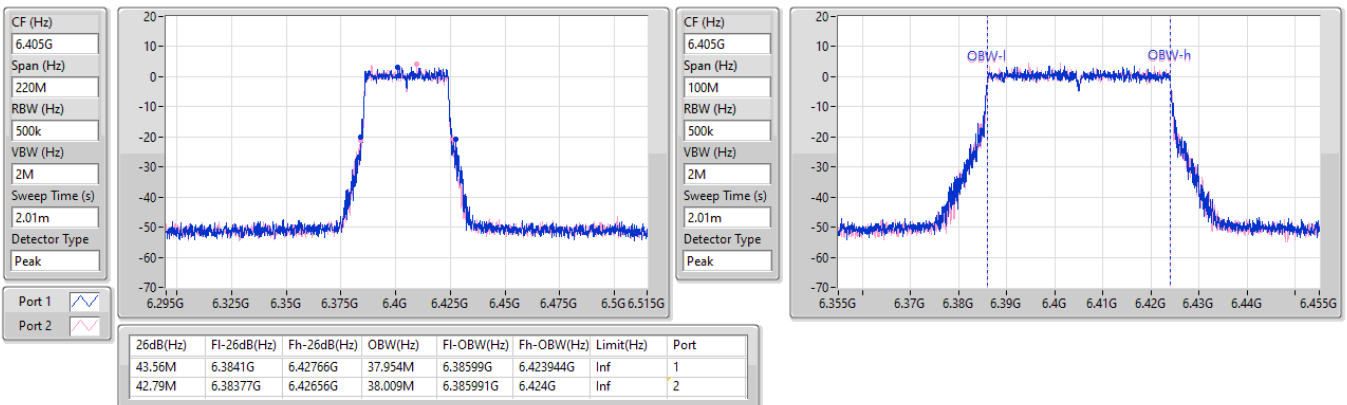


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6405MHz

22/10/2024

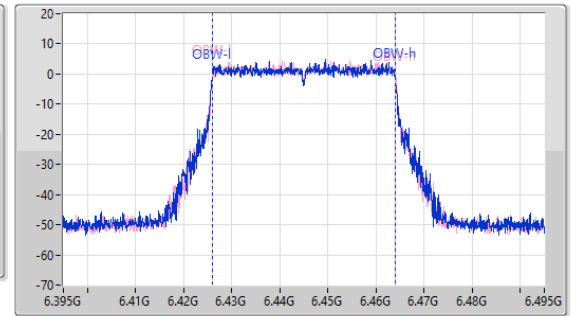
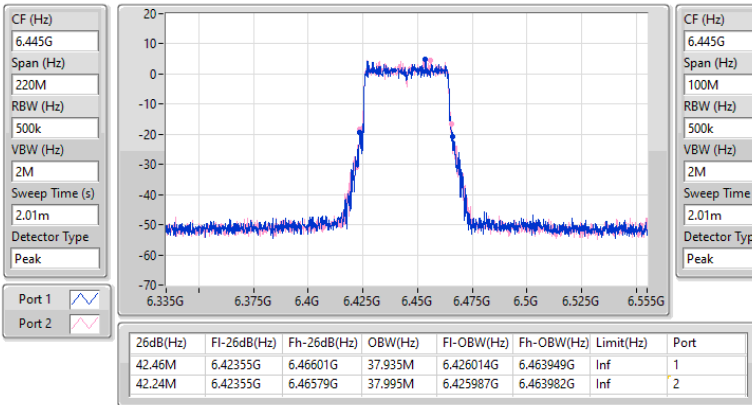


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6445MHz

22/10/2024

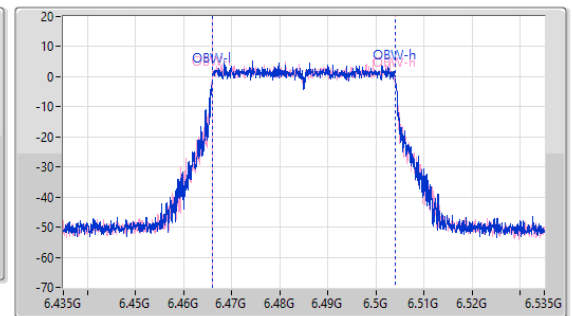
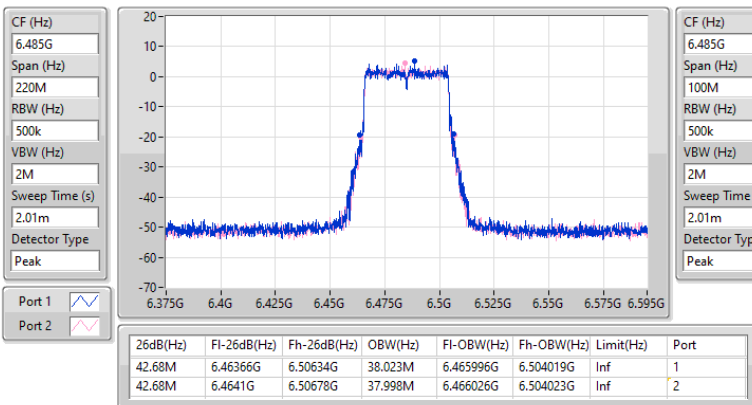


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

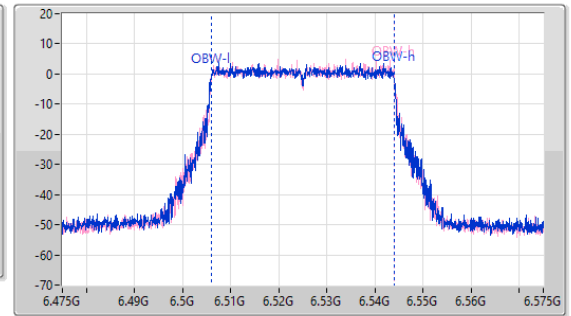
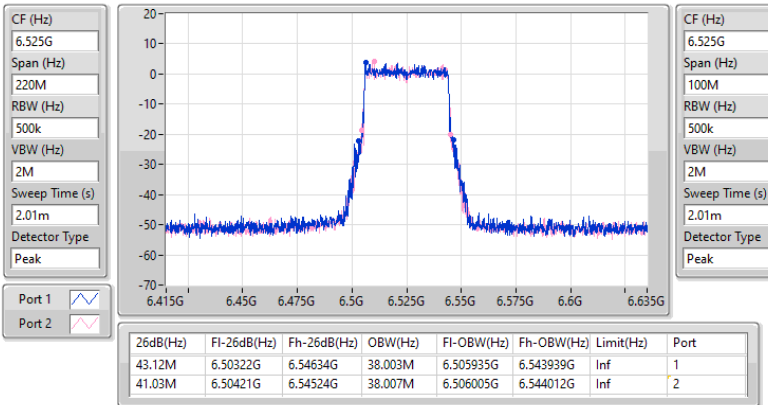
6485MHz

22/10/2024

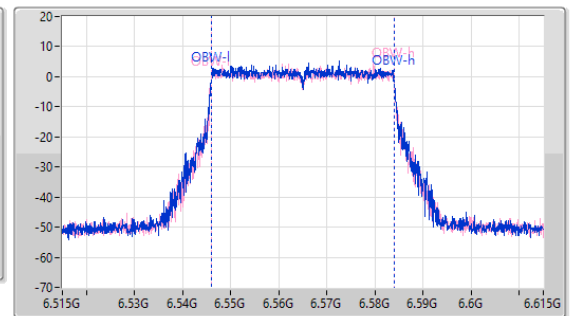
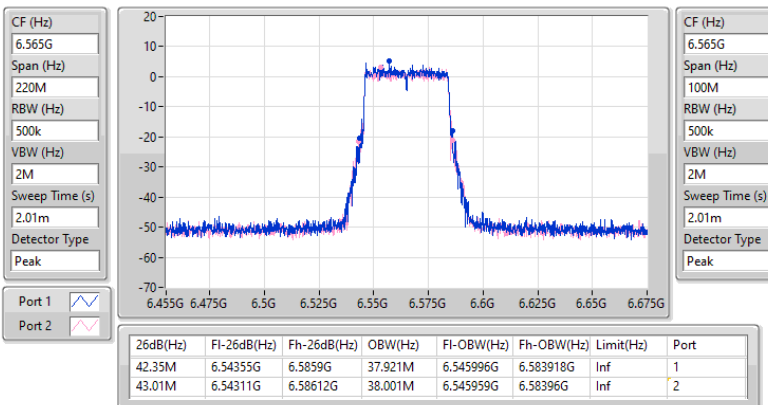


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6525MHz

22/10/2024


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6565MHz

22/10/2024

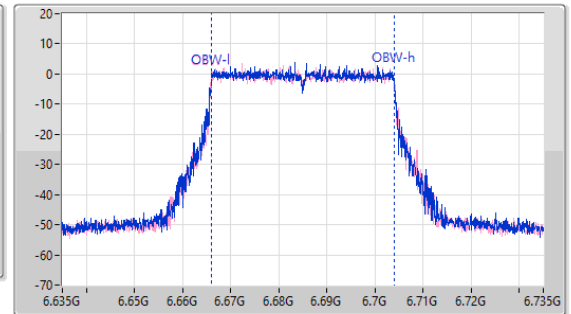
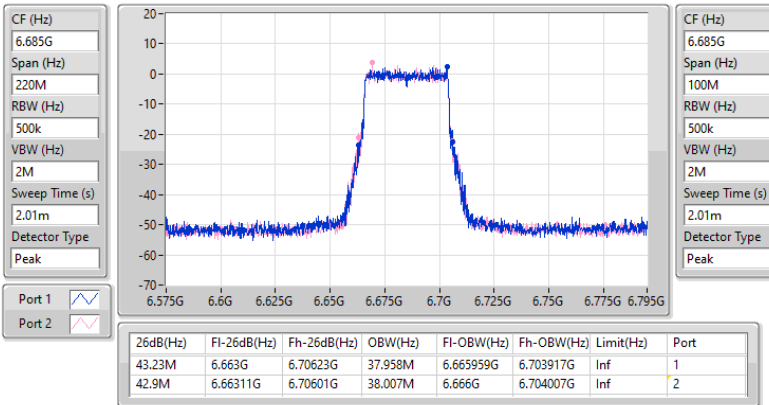


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6685MHz

22/10/2024

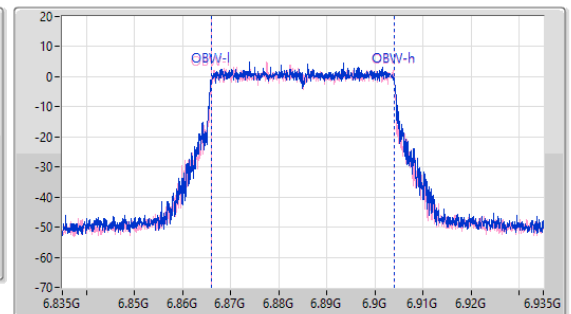
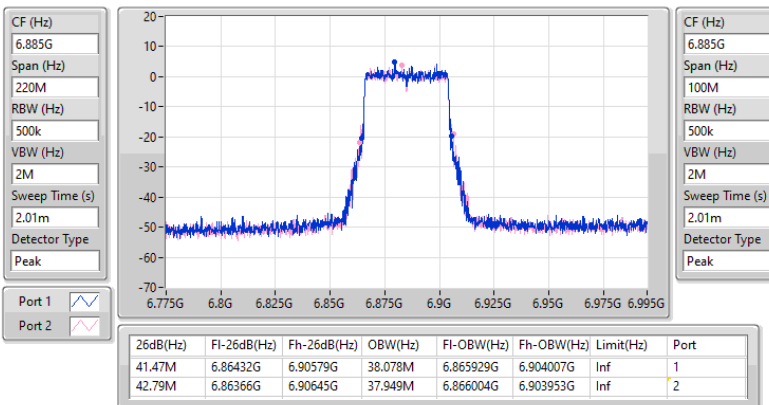


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6885MHz

22/10/2024

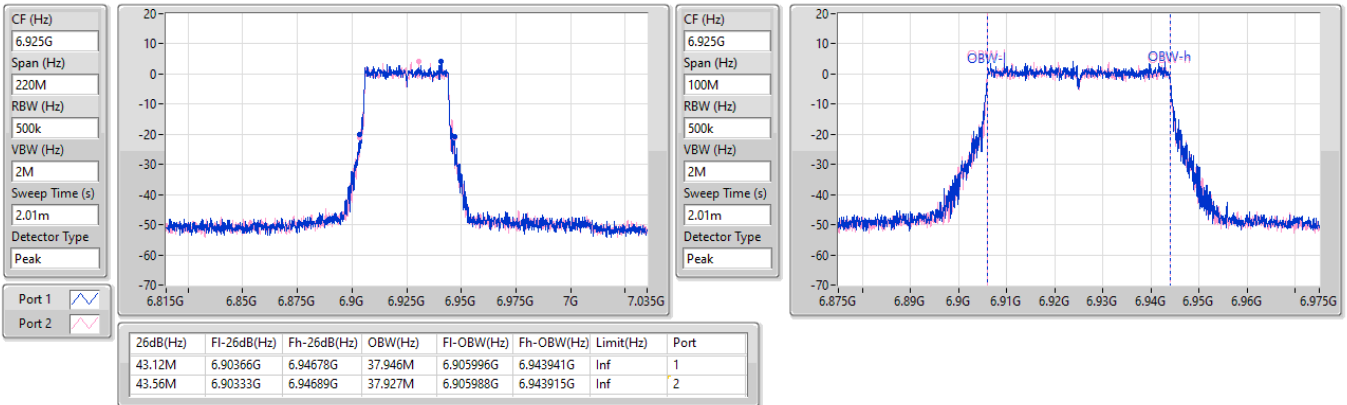


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6925MHz

22/10/2024

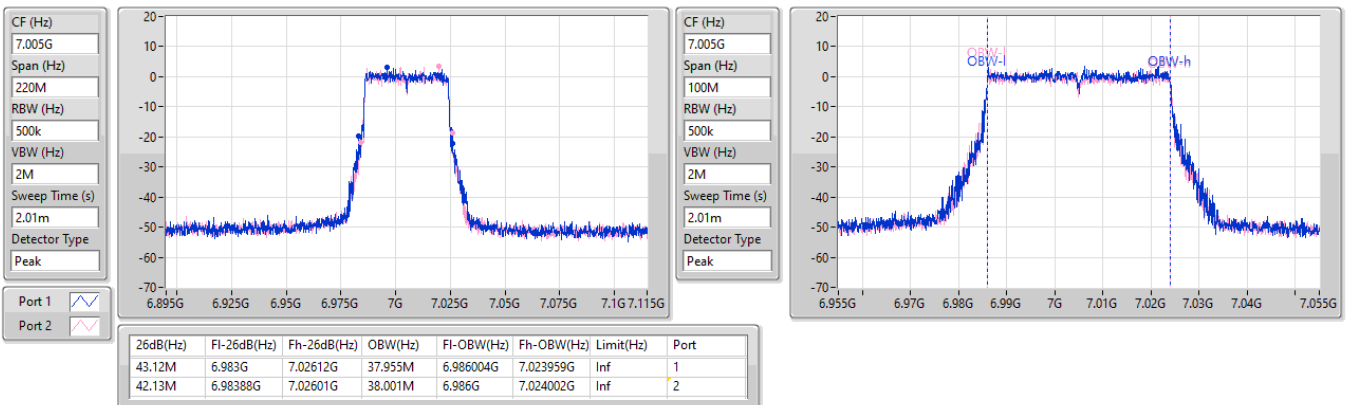


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

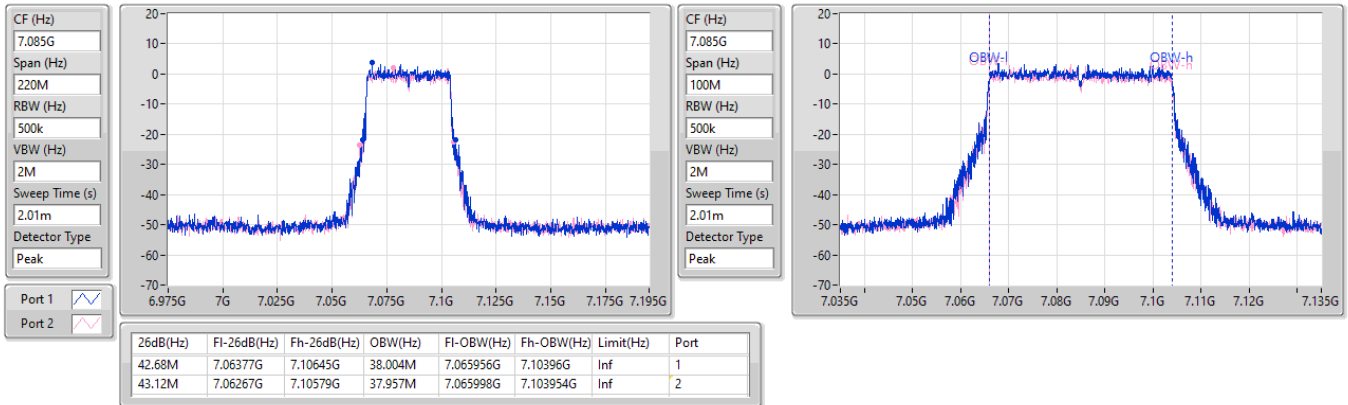
7005MHz

22/10/2024

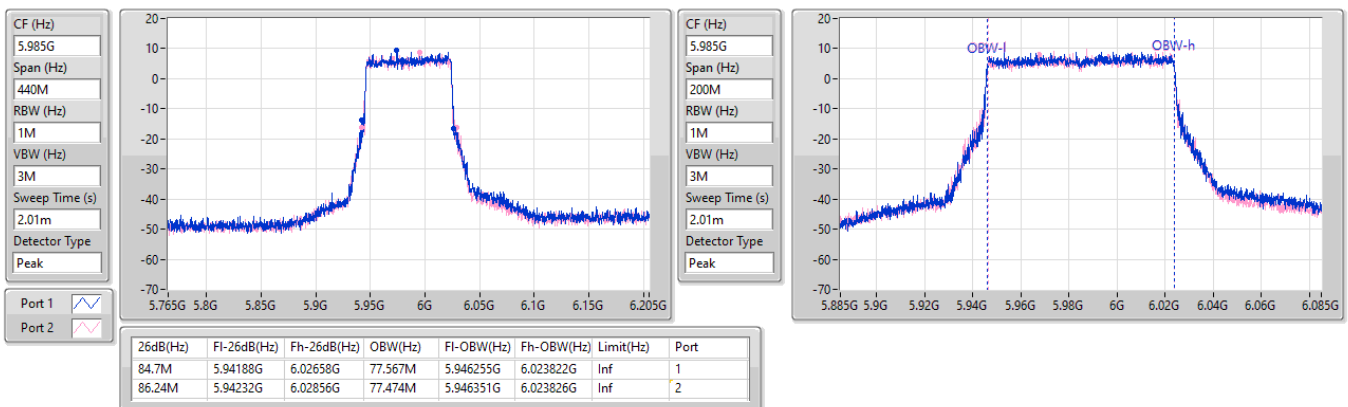


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
7085MHz

22/10/2024


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5985MHz

22/10/2024

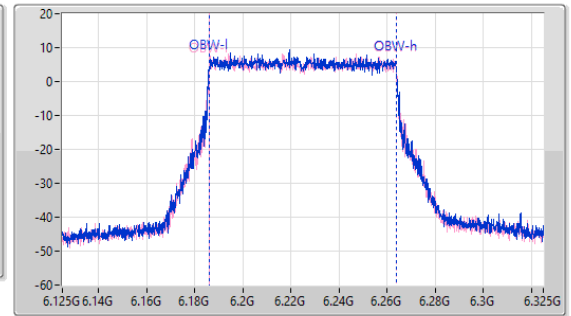
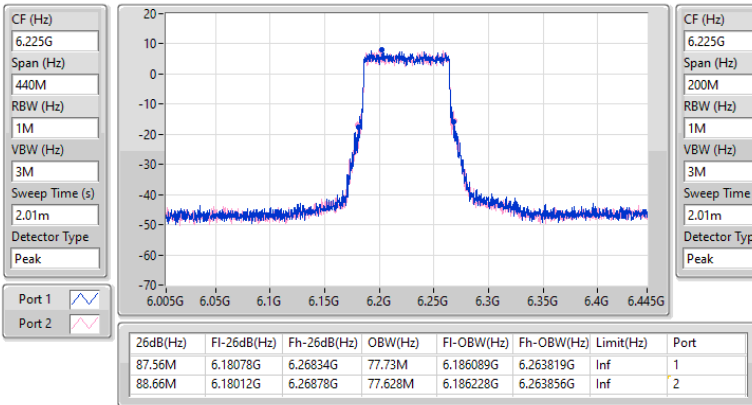


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6225MHz

22/10/2024

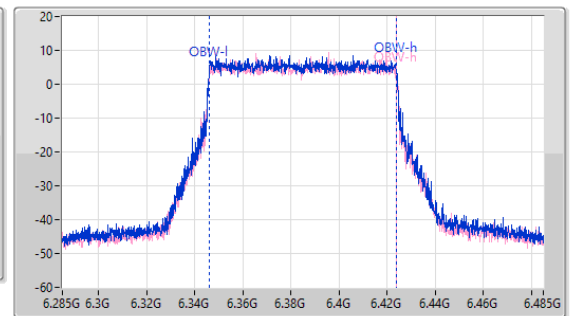
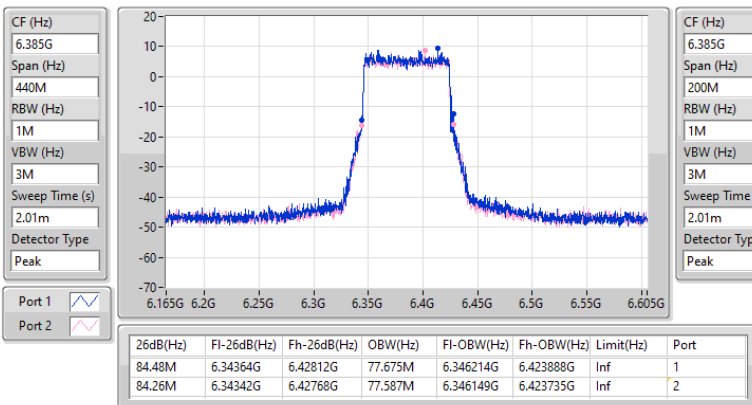


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6385MHz

22/10/2024

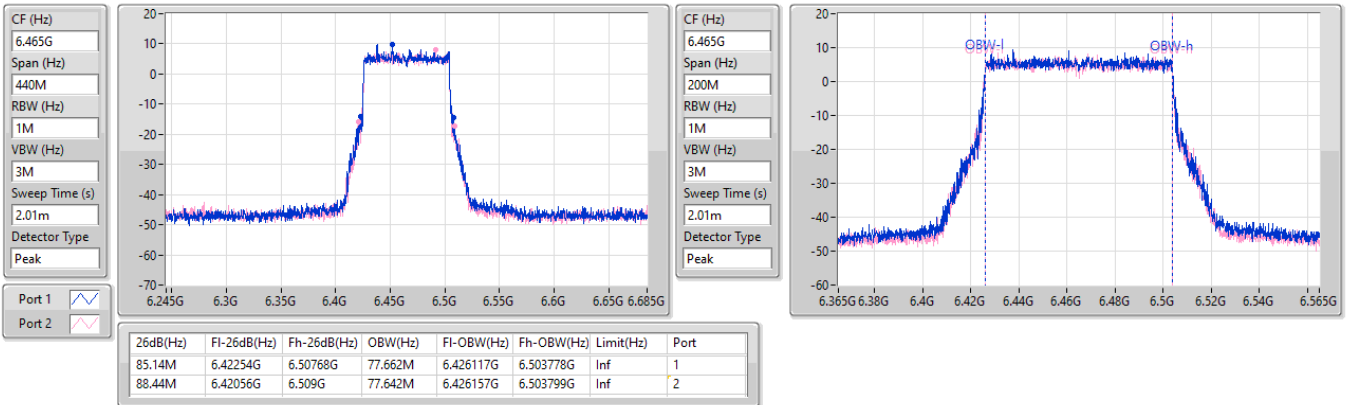


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6465MHz

22/10/2024

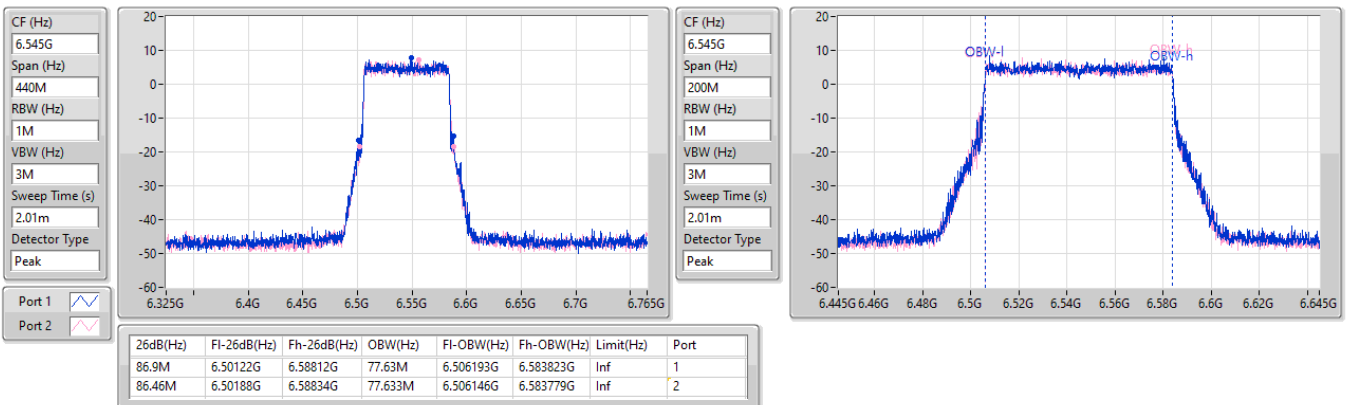


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6545MHz

22/10/2024

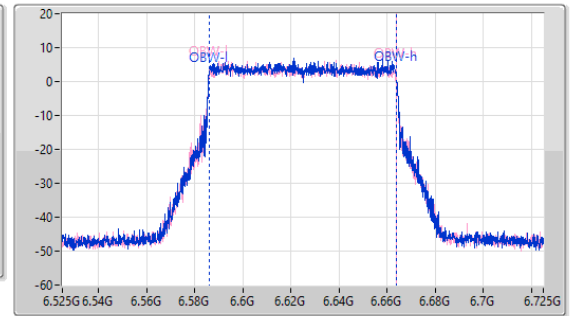
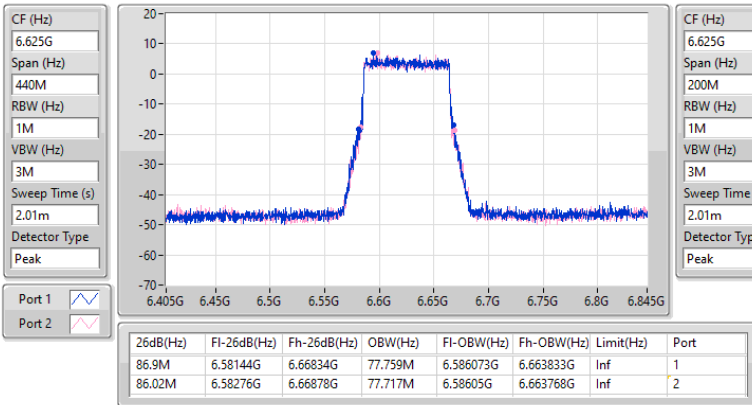


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6625MHz

22/10/2024

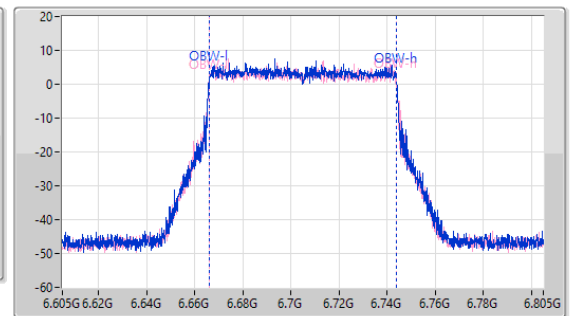
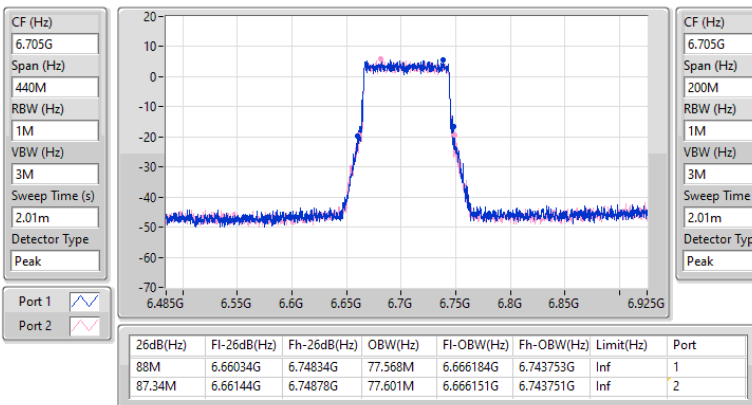


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6705MHz

22/10/2024

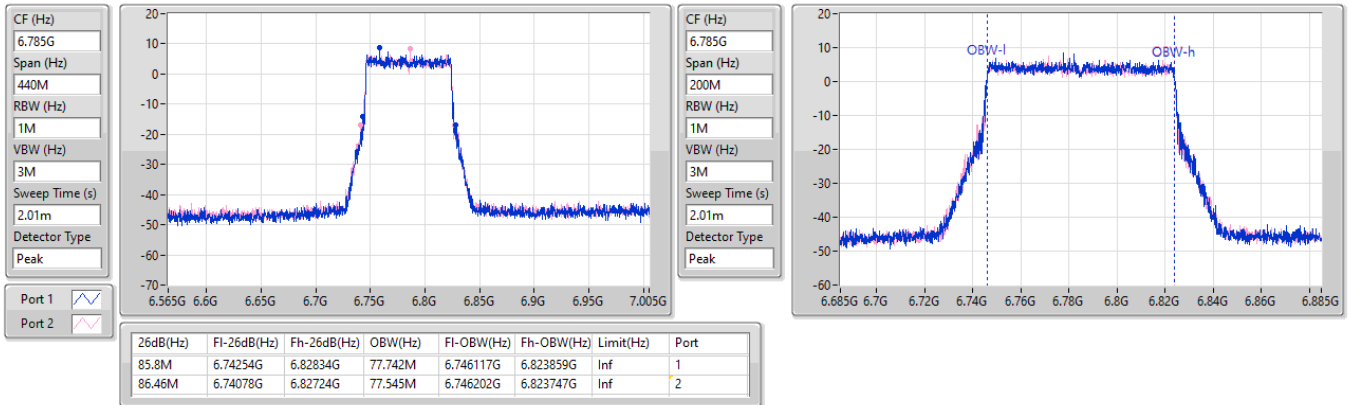


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6785MHz

22/10/2024

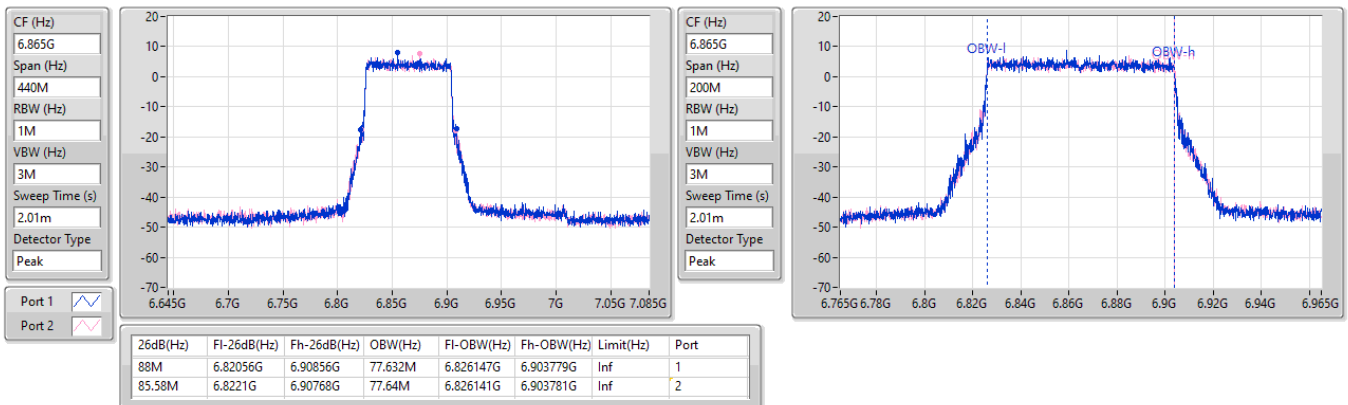


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6865MHz

22/10/2024

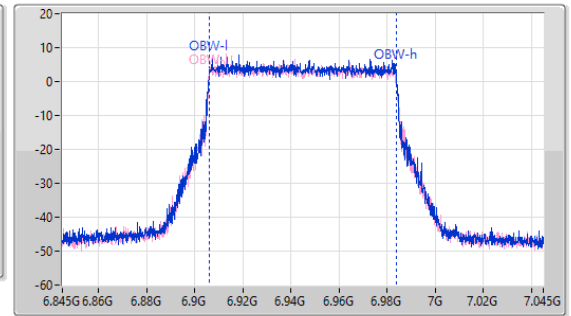
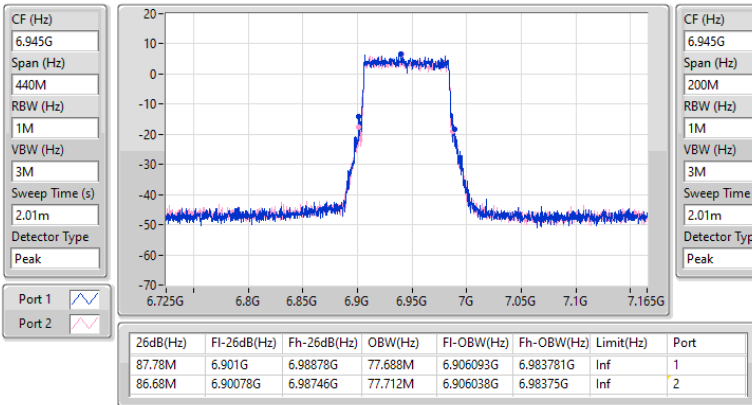


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6945MHz

22/10/2024

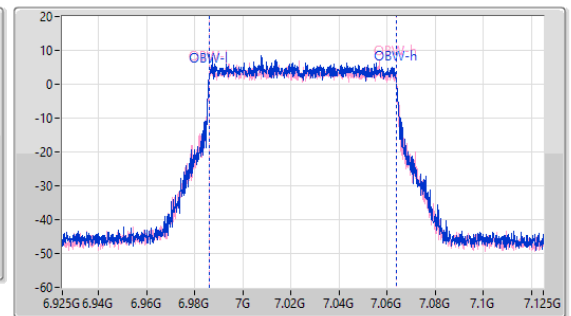
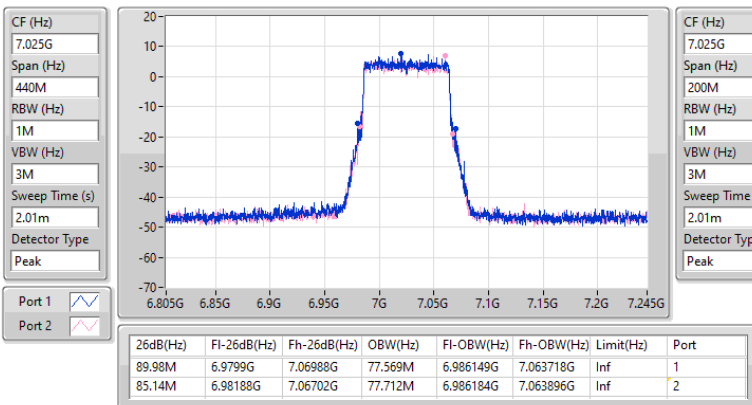


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

7025MHz

22/10/2024

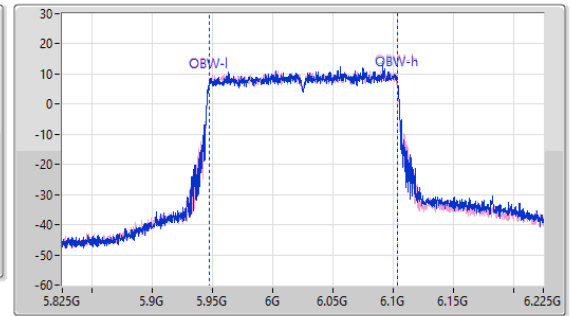
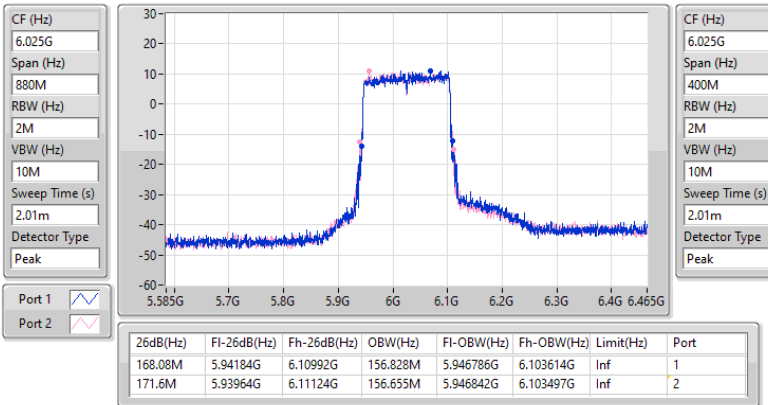


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6025MHz

22/10/2024

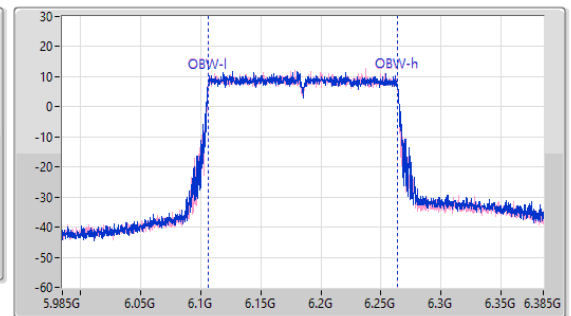
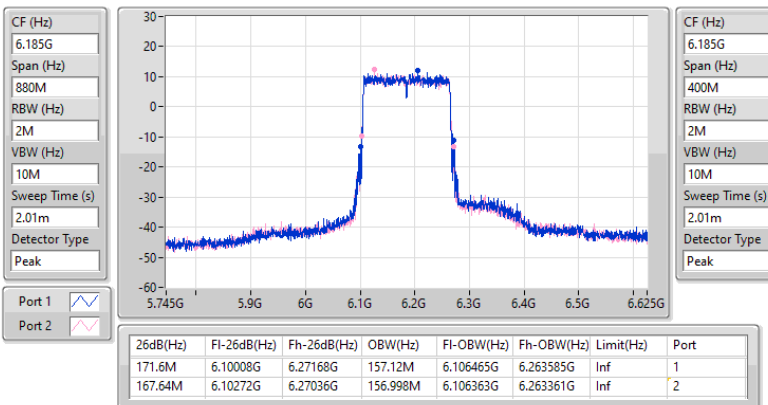


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

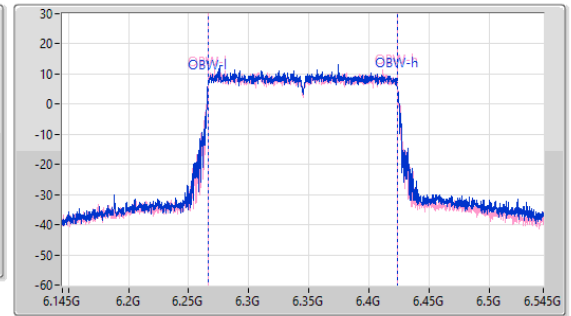
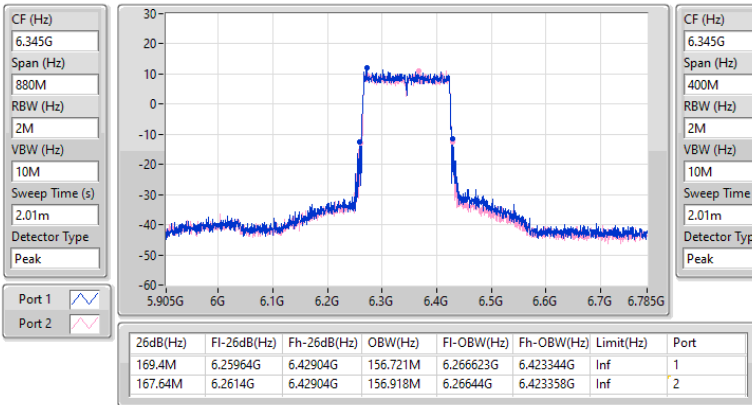
6185MHz

22/10/2024

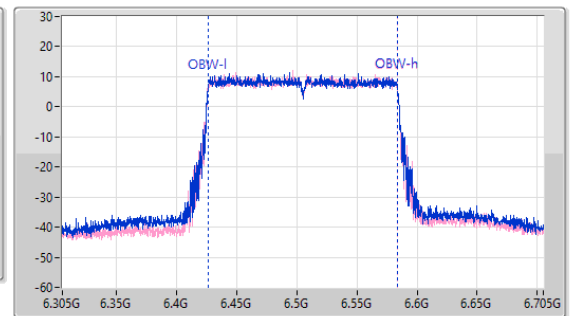
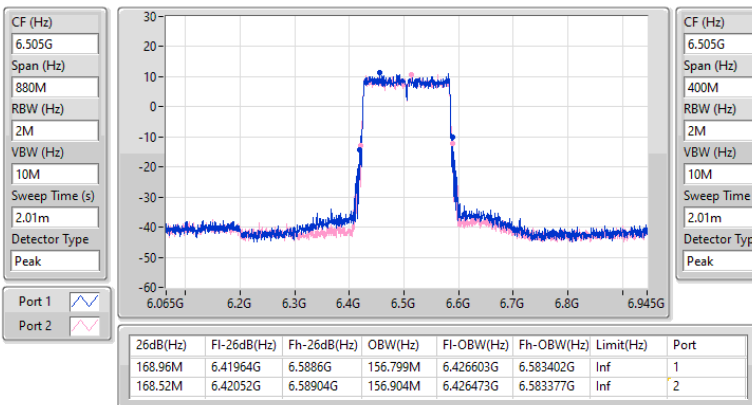


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6345MHz

22/10/2024


6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6505MHz

22/10/2024

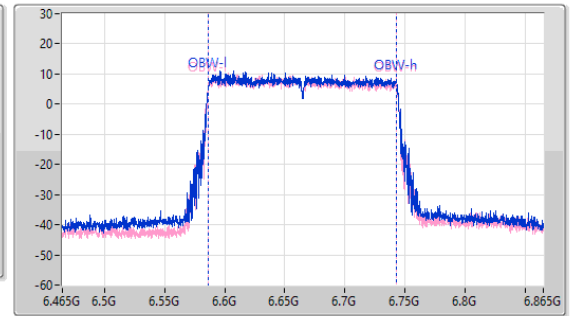
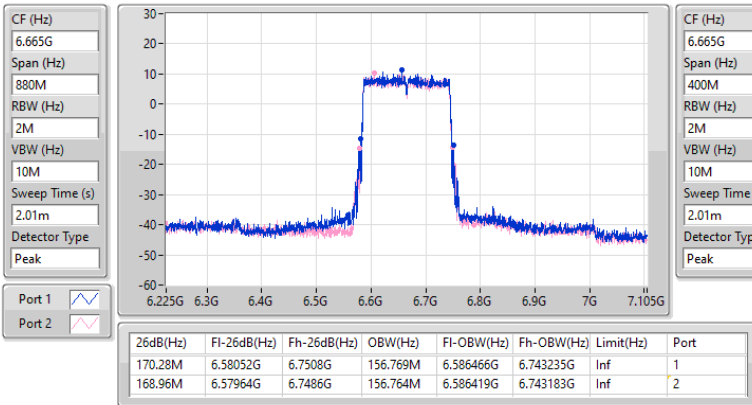


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6665MHz

22/10/2024

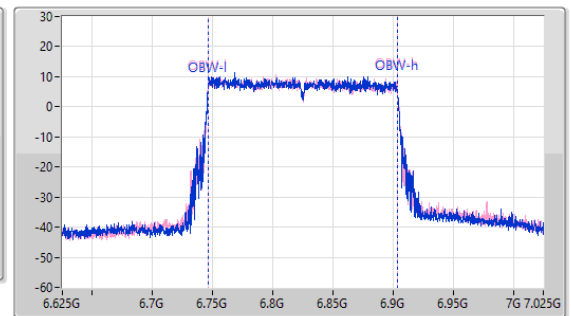
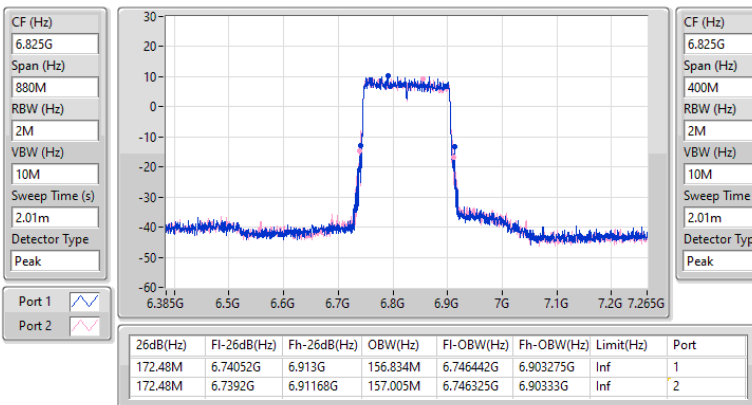


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6825MHz

22/10/2024

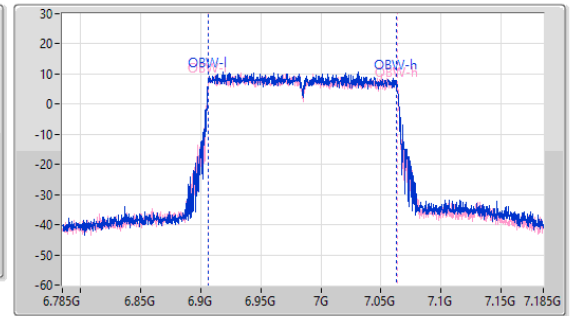
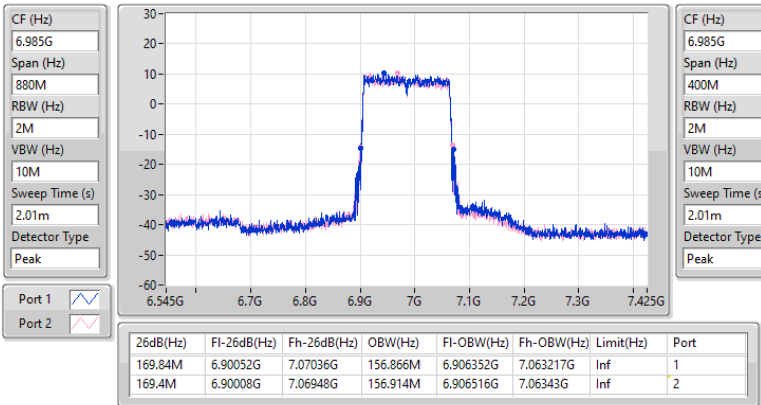


6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6985MHz

22/10/2024

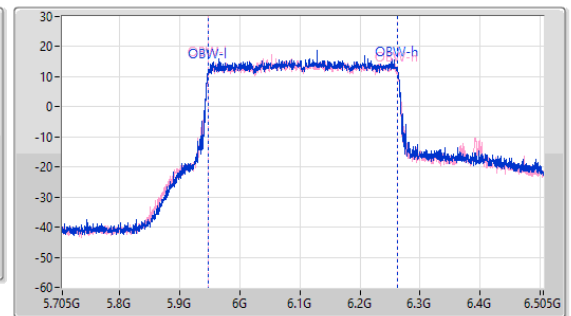
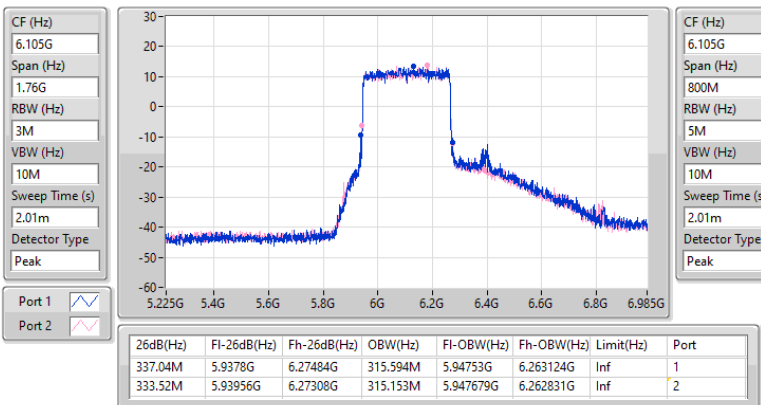


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6105MHz

22/10/2024

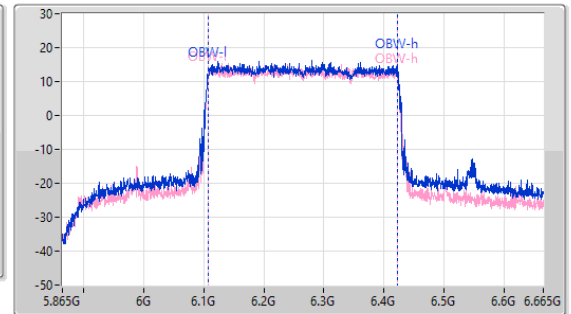
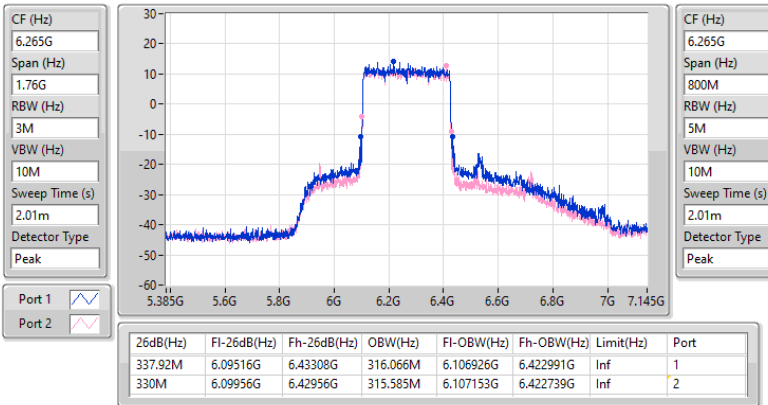


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6265MHz

22/10/2024

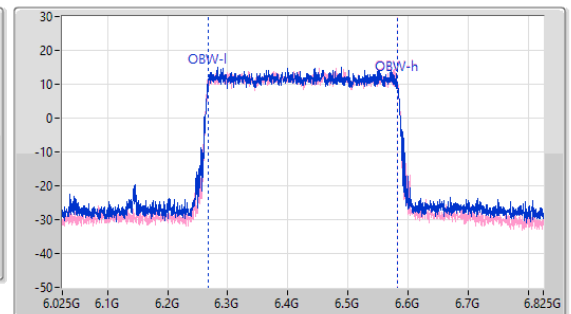
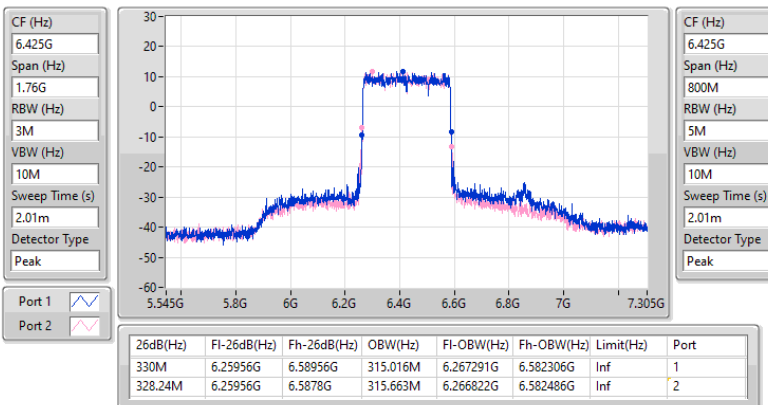


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6425MHz

28/11/2024

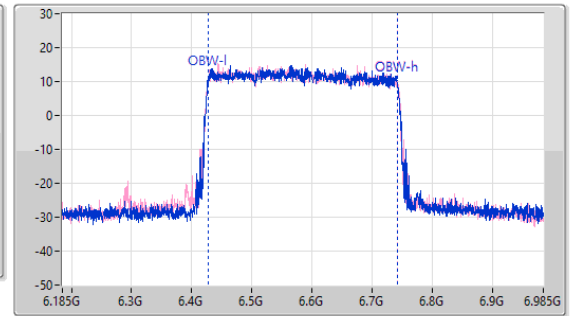
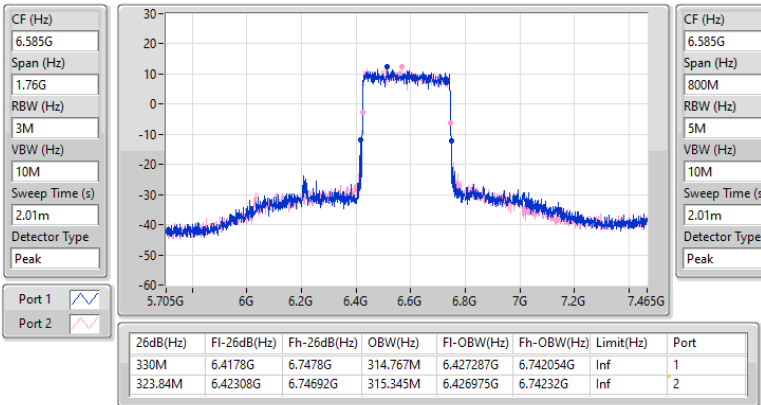


6.425-6.525GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6585MHz

28/11/2024

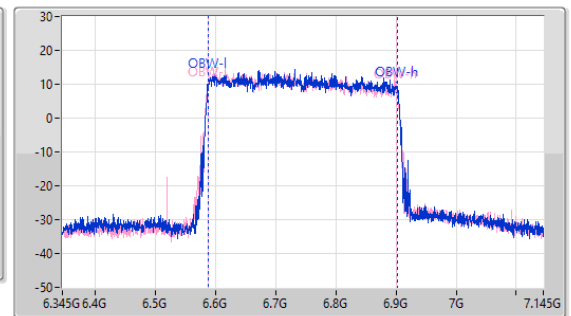
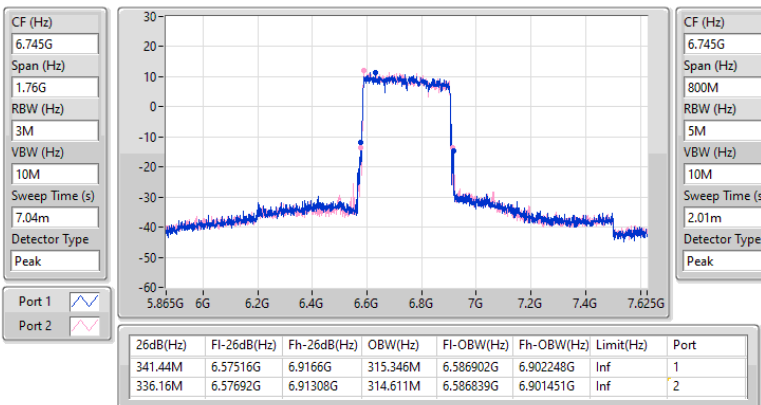


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6745MHz

28/11/2024

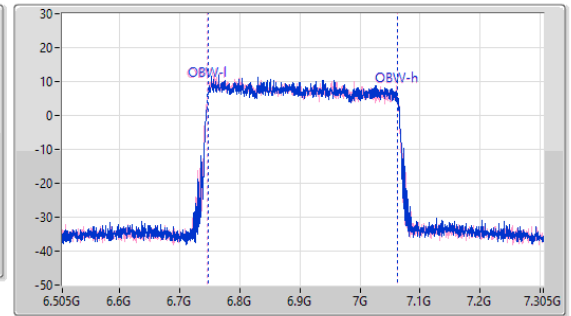
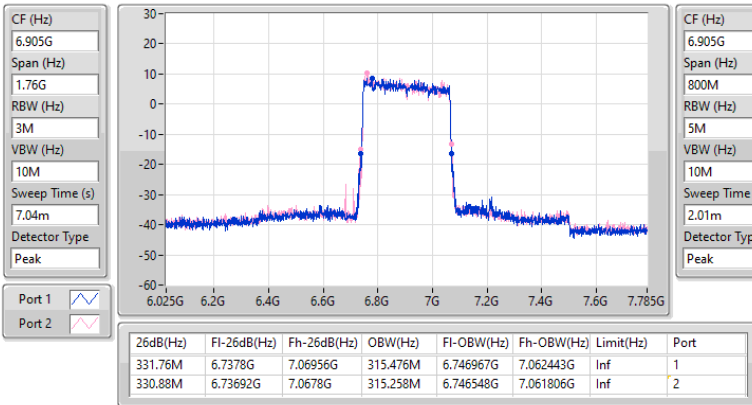


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6905MHz

28/11/2024

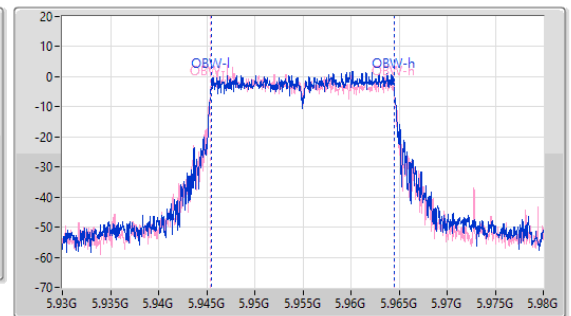
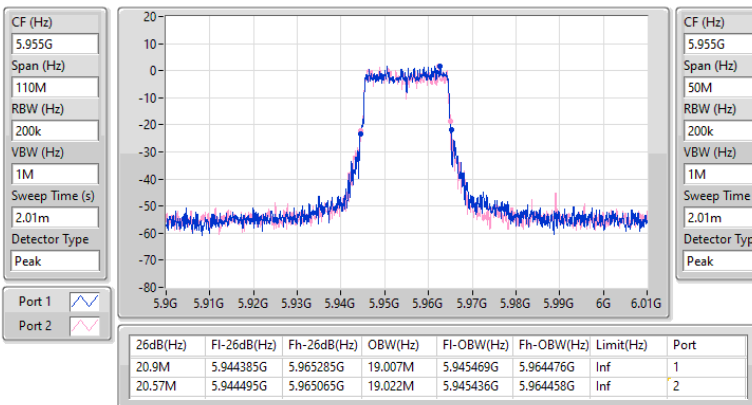


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

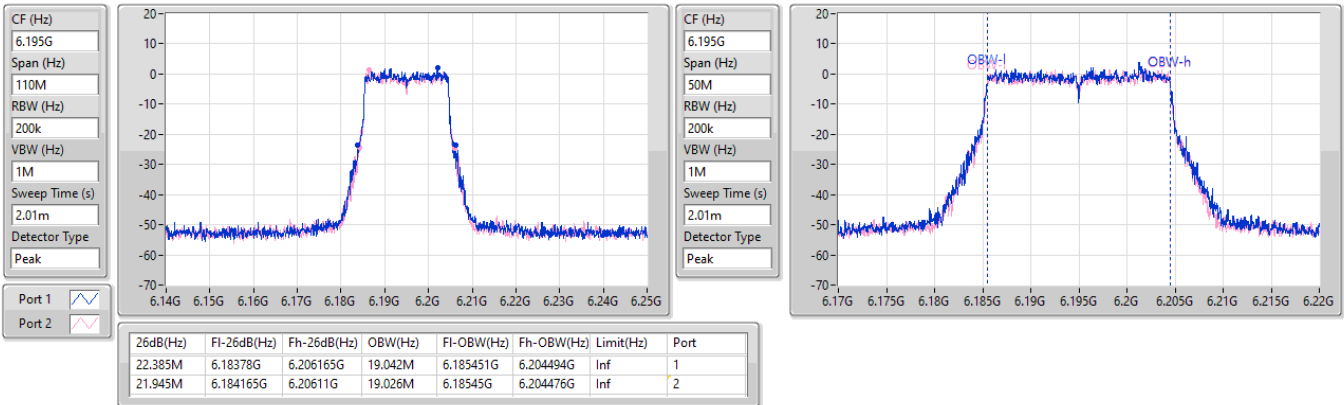
5955MHz

28/12/2024

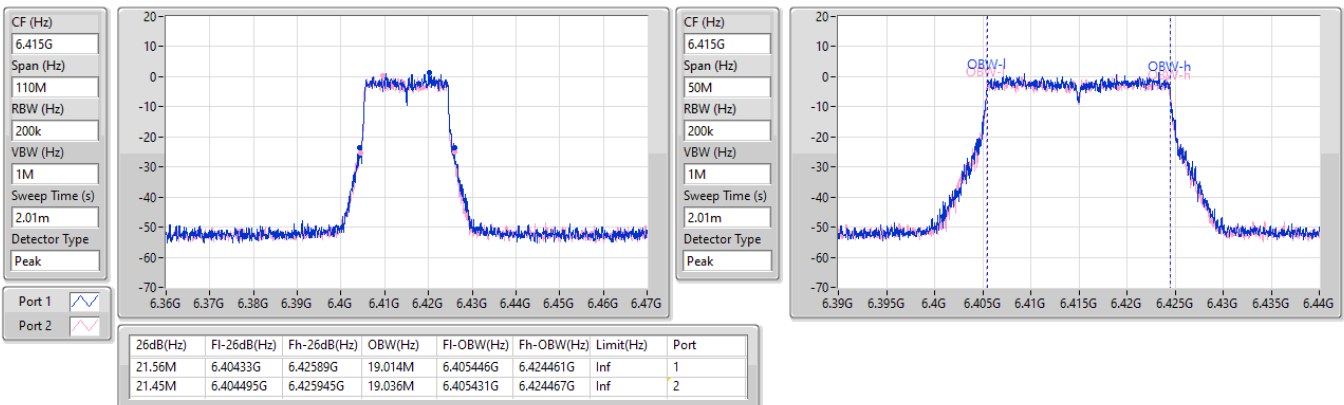


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
6195MHz

28/12/2024


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
6415MHz

28/12/2024

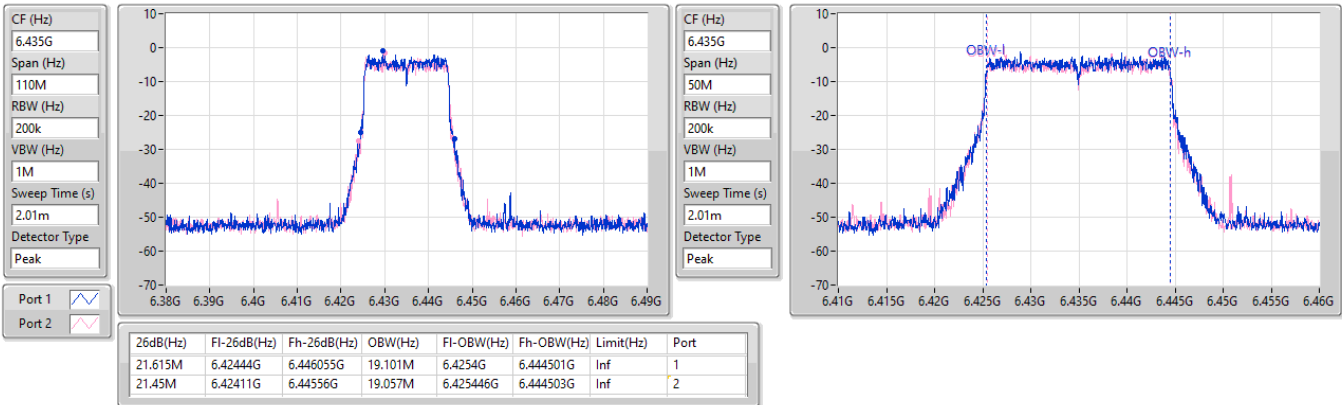


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

6435MHz

28/12/2024

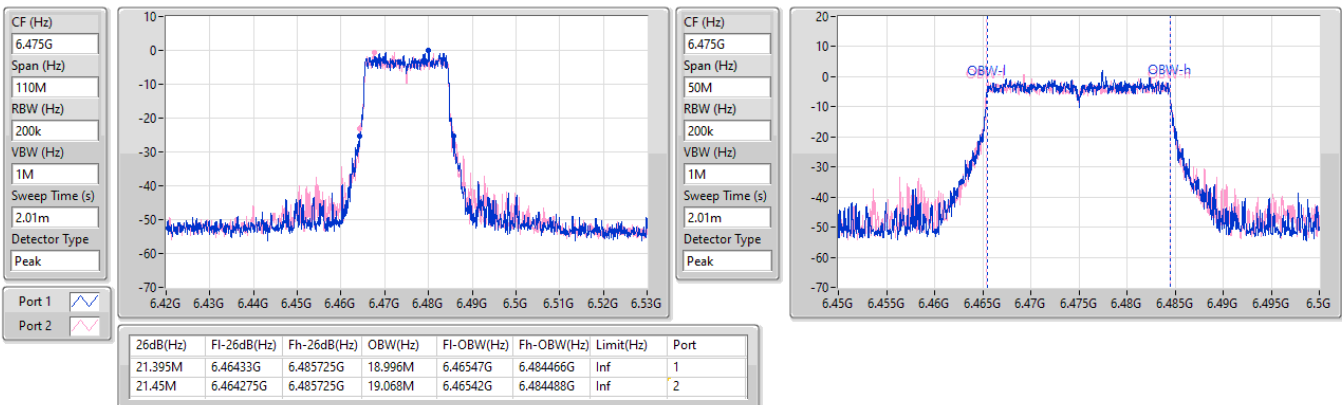


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

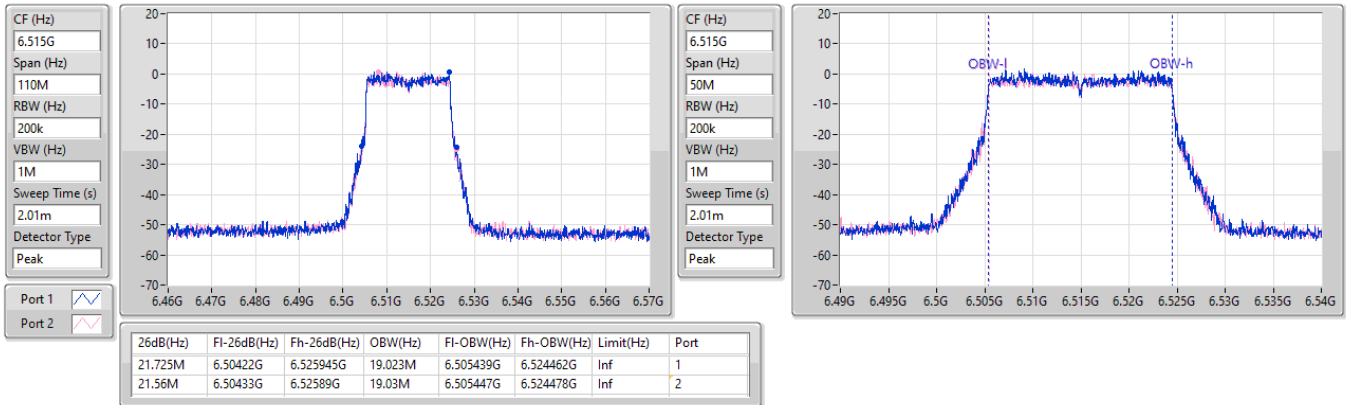
6475MHz

28/12/2024

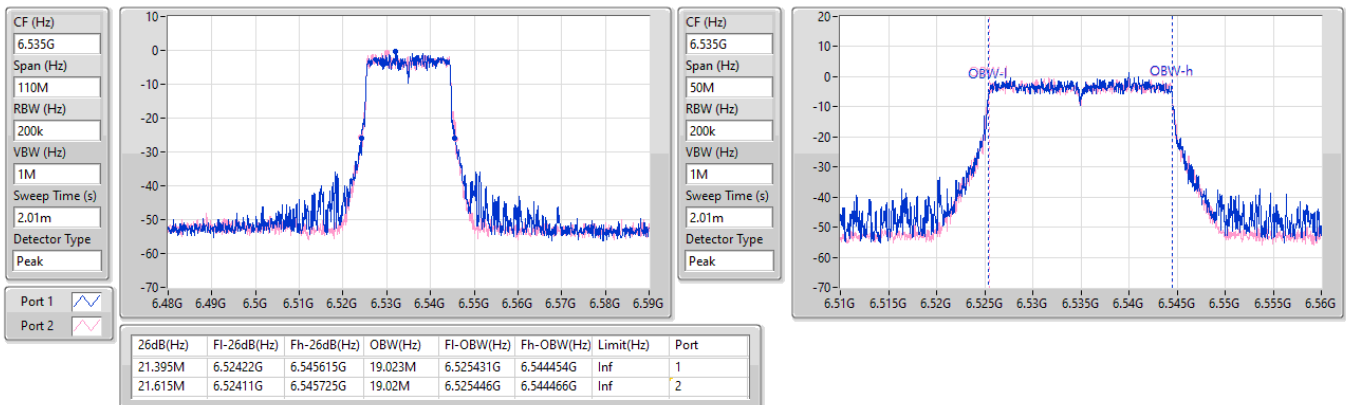


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
6515MHz

28/12/2024


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
6535MHz

28/12/2024

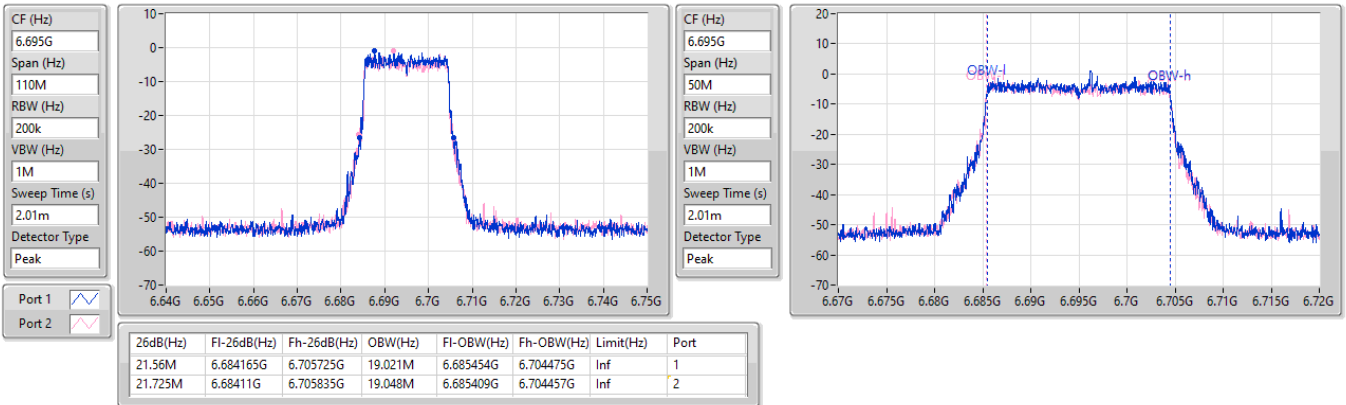


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

6695MHz

28/12/2024

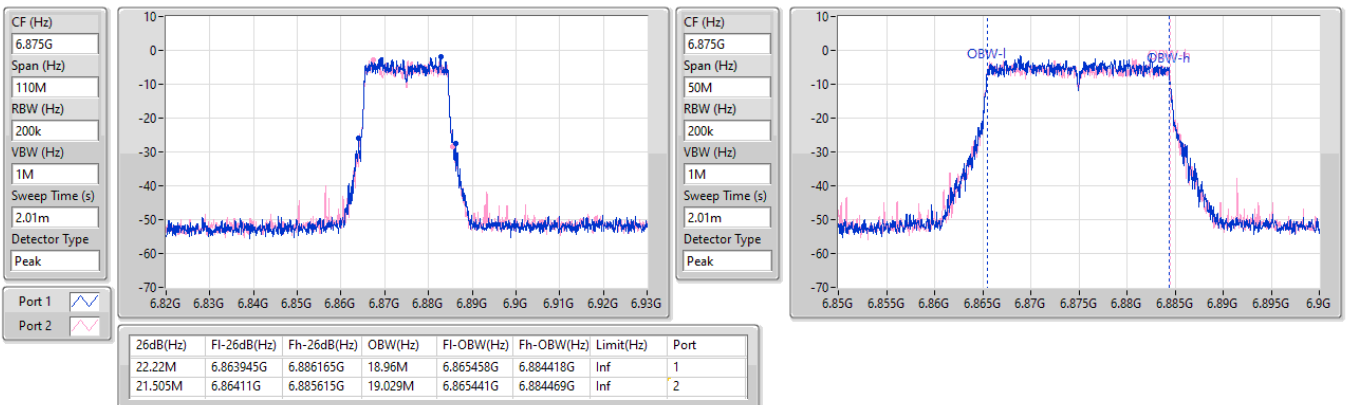


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

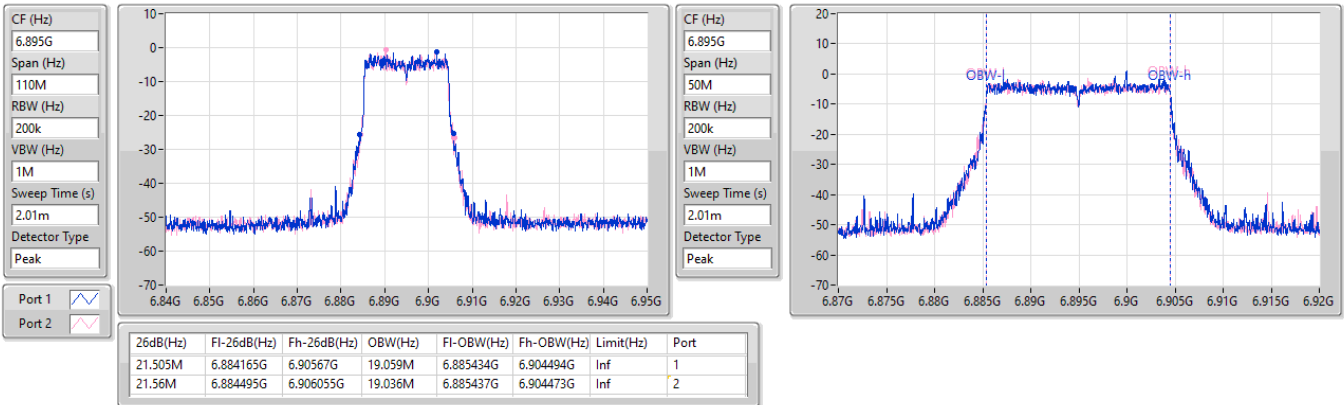
6875MHz

28/12/2024

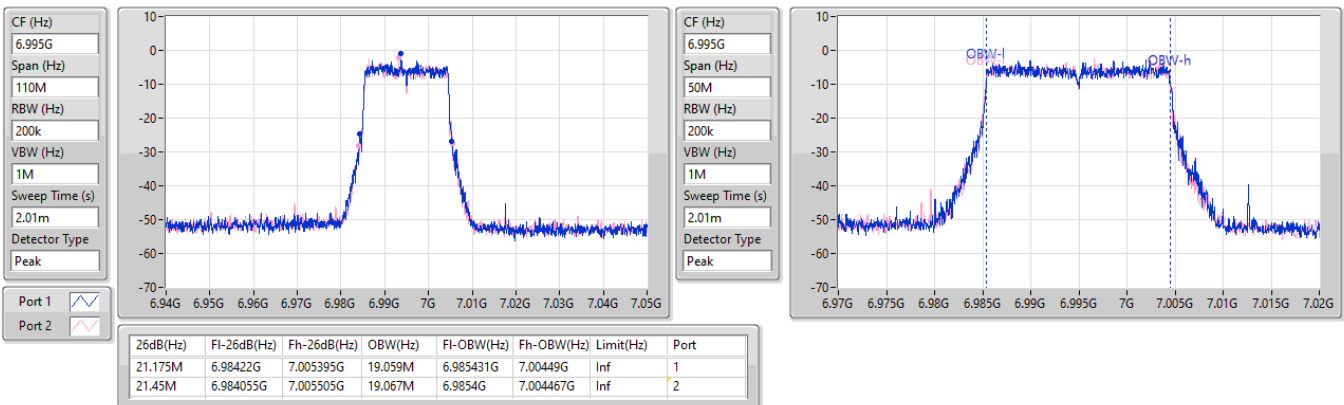


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
6895MHz

28/12/2024


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
6995MHz

28/12/2024

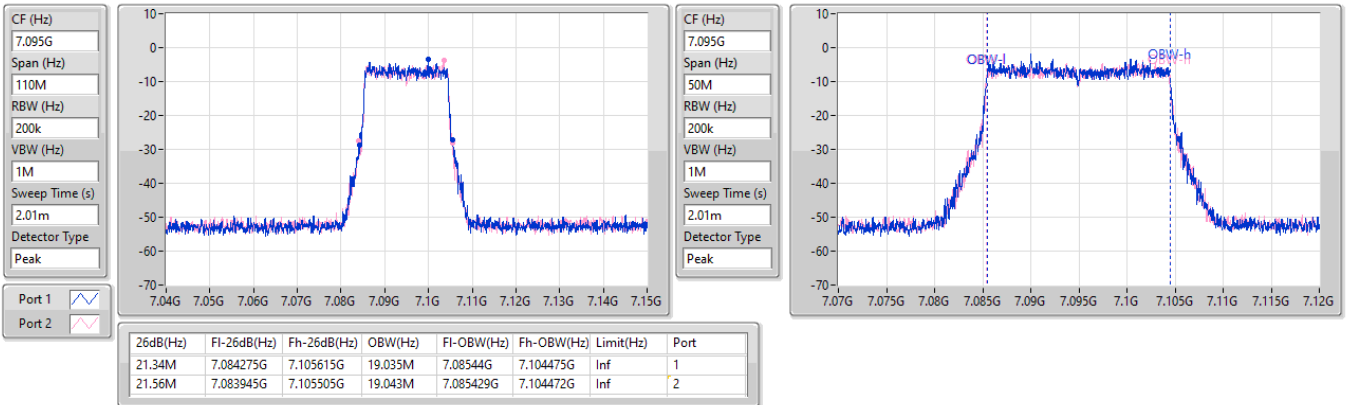


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

7095MHz

28/12/2024

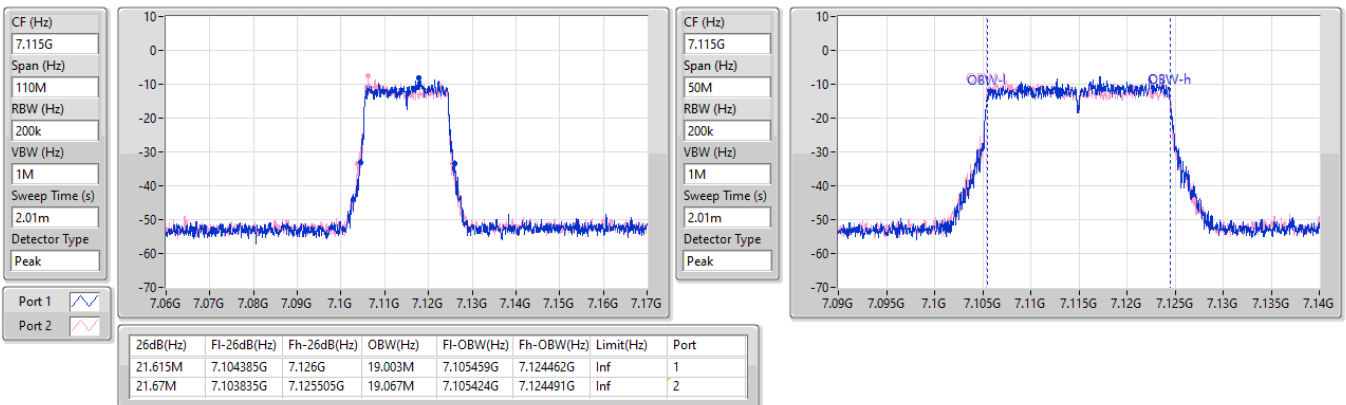


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

7115MHz

28/12/2024

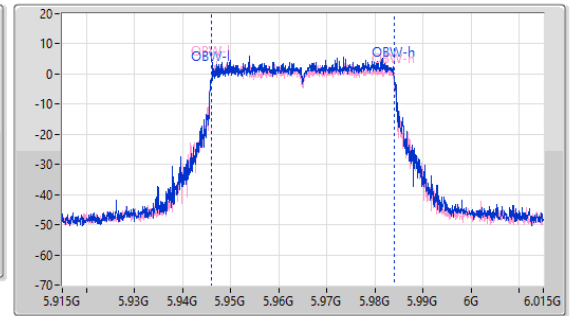
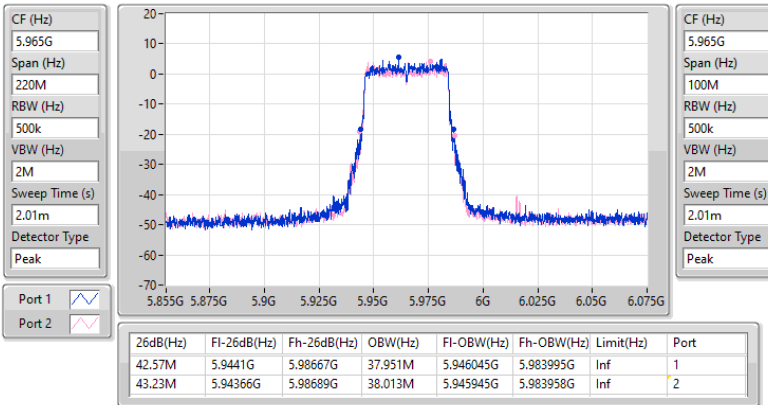


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

5965MHz

28/12/2024

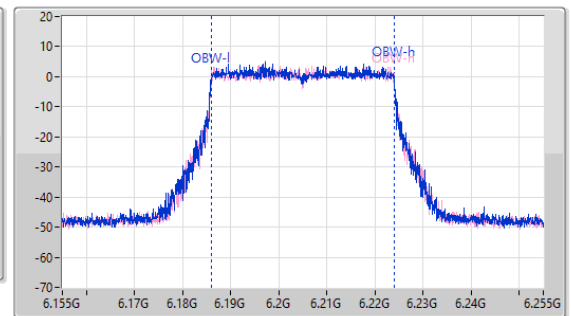
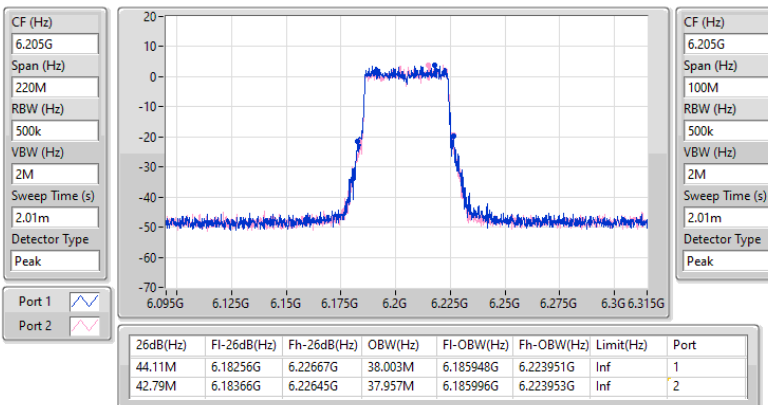


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6205MHz

28/12/2024

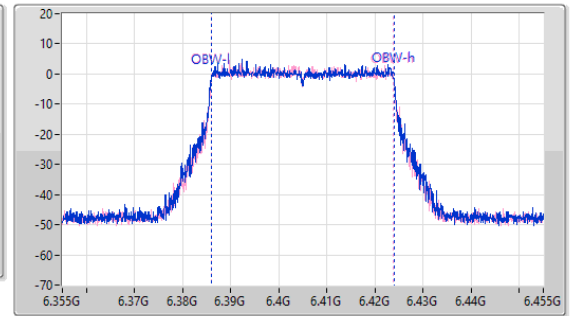
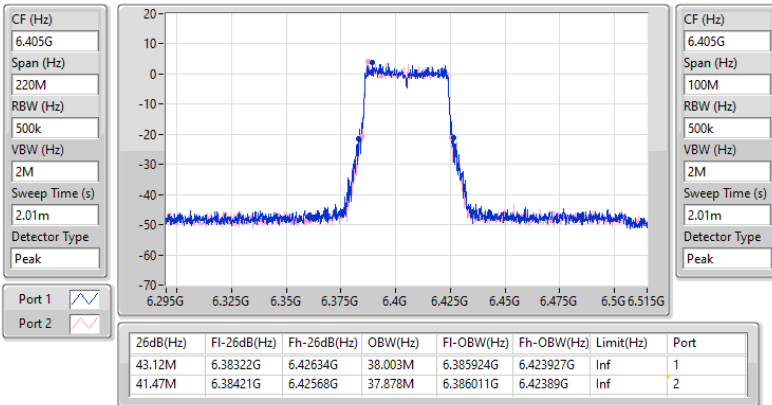


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6405MHz

28/12/2024

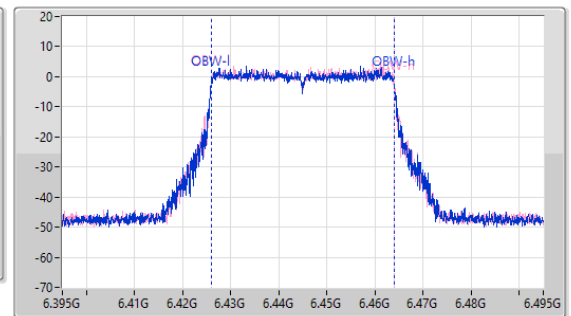
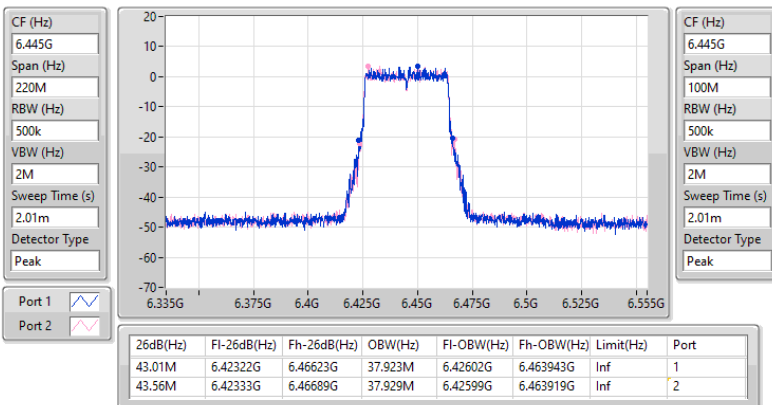


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6445MHz

28/12/2024

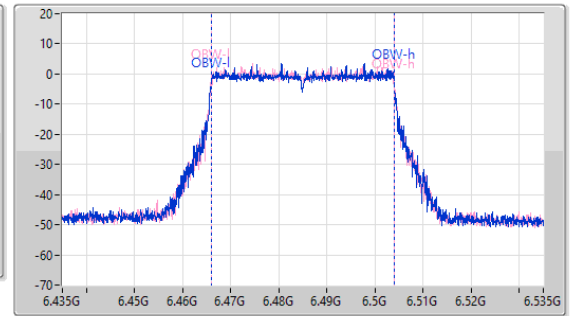
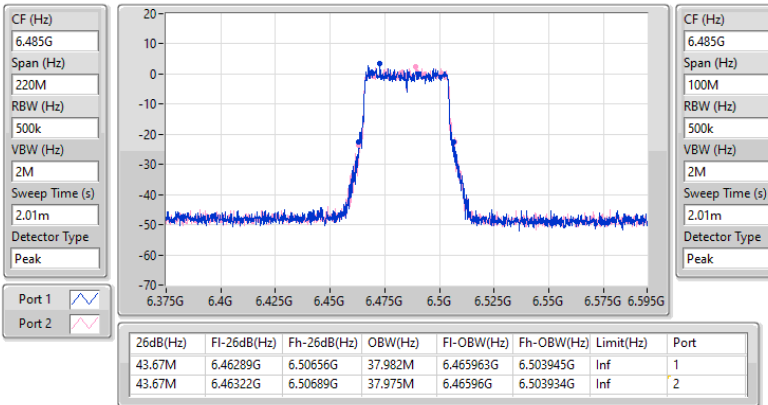


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6485MHz

28/12/2024

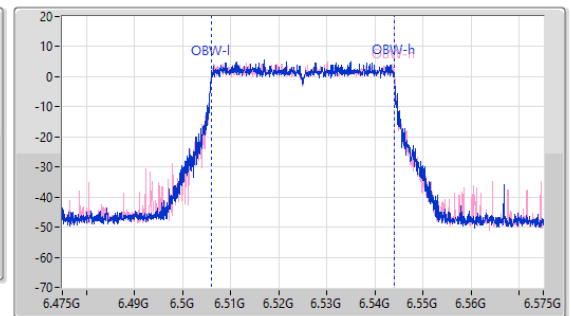
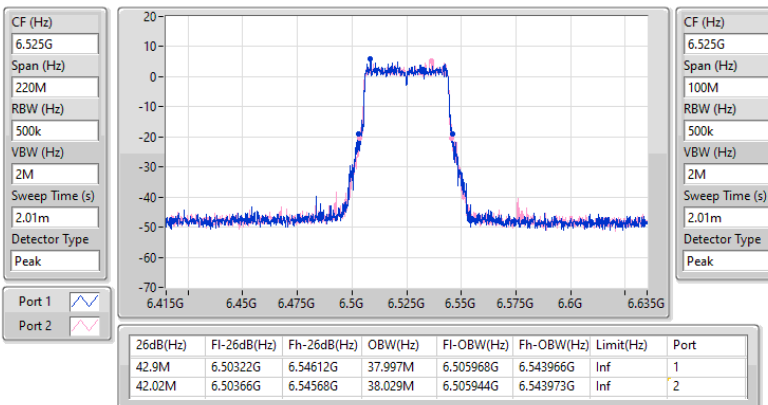


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6525MHz

28/12/2024

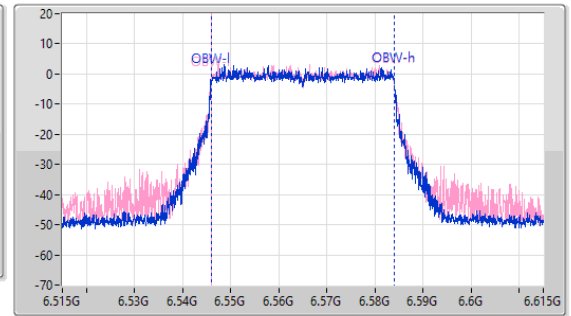
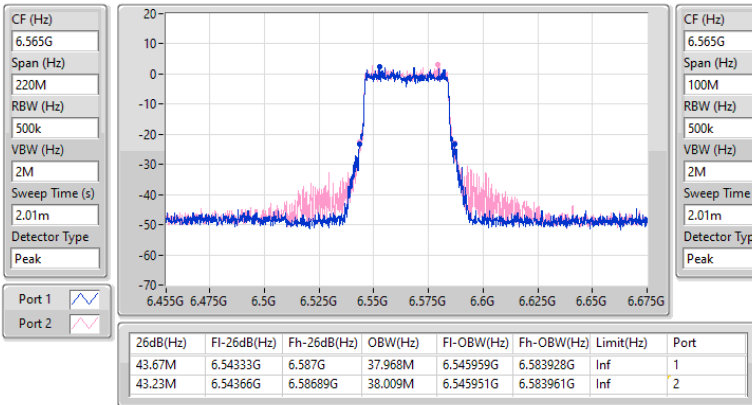


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6565MHz

28/12/2024

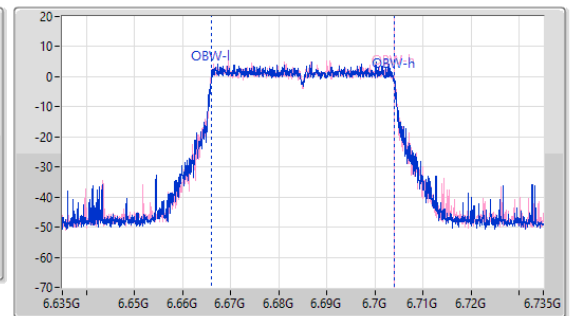
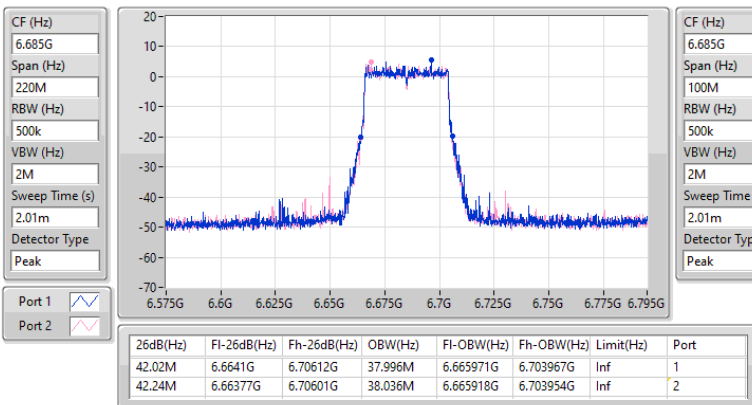


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6685MHz

28/12/2024

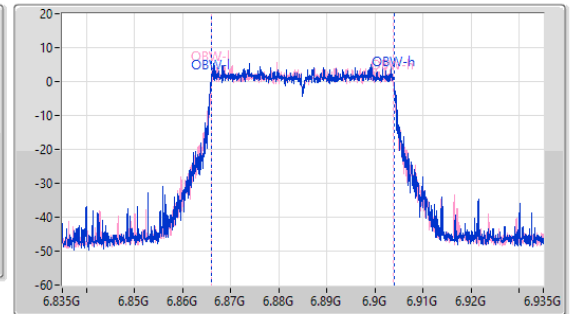
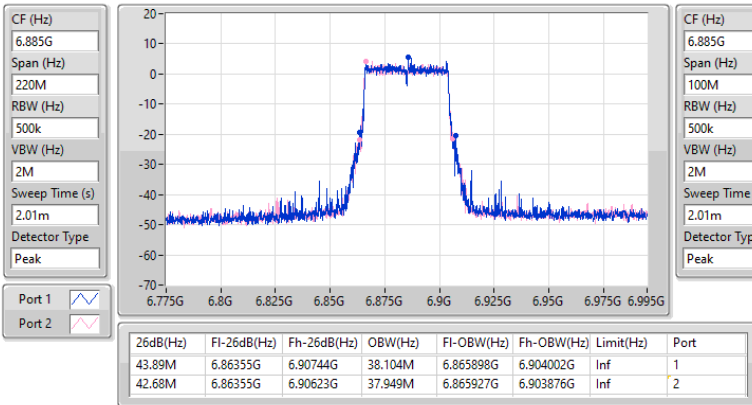


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6885MHz

28/12/2024

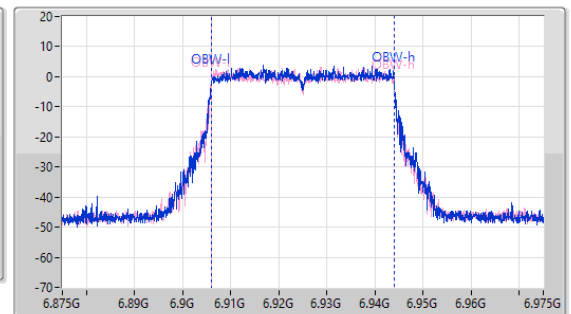
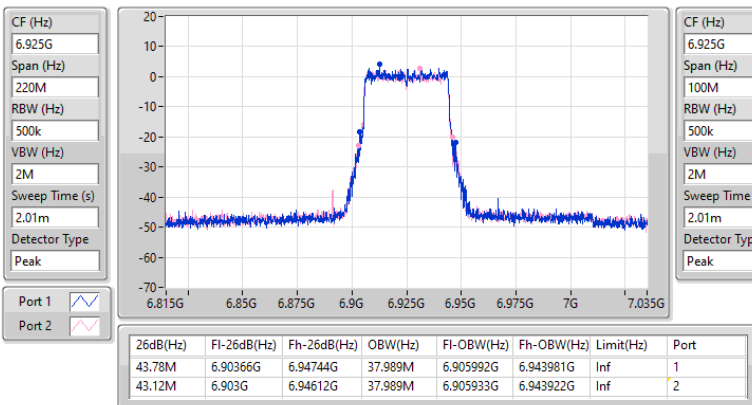


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6925MHz

28/12/2024

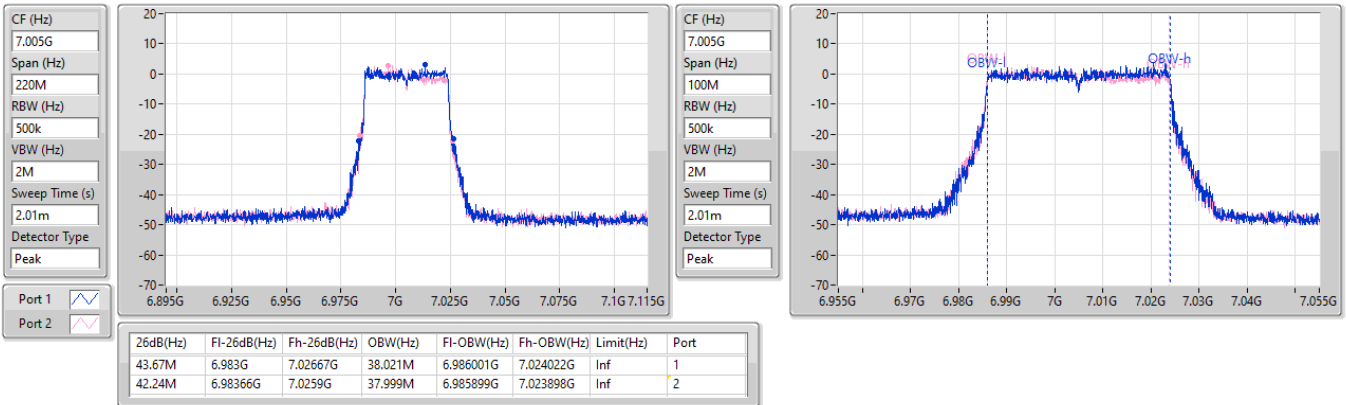


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

7005MHz

28/12/2024

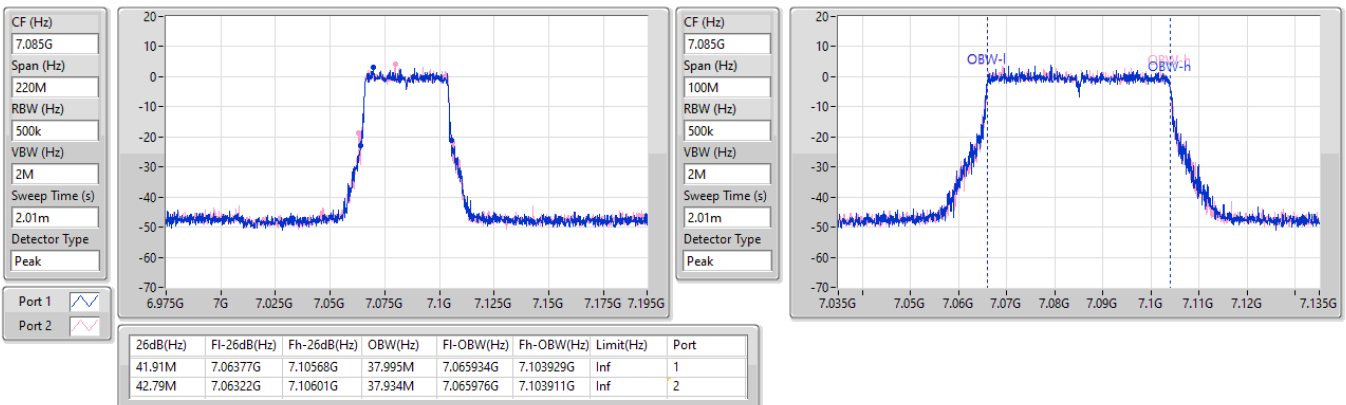


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

7085MHz

28/12/2024

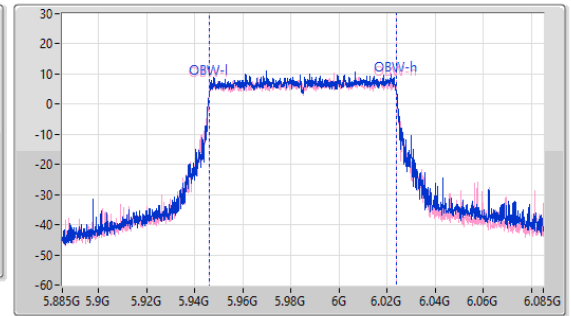
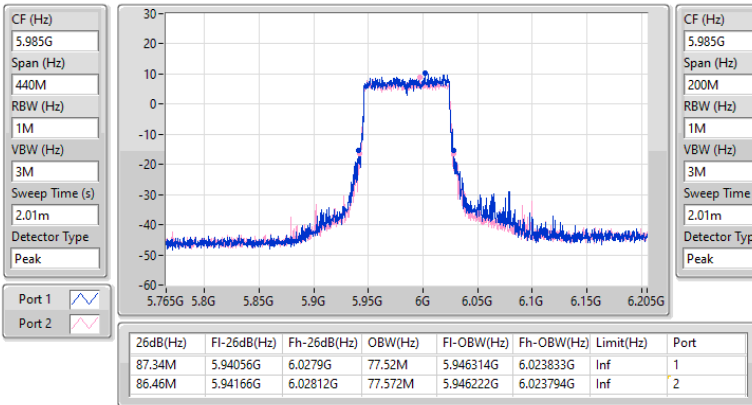


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

5985MHz

28/12/2024

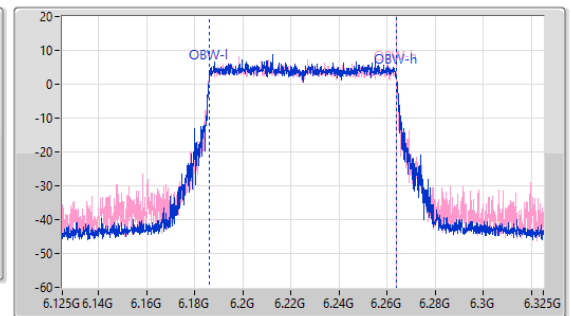
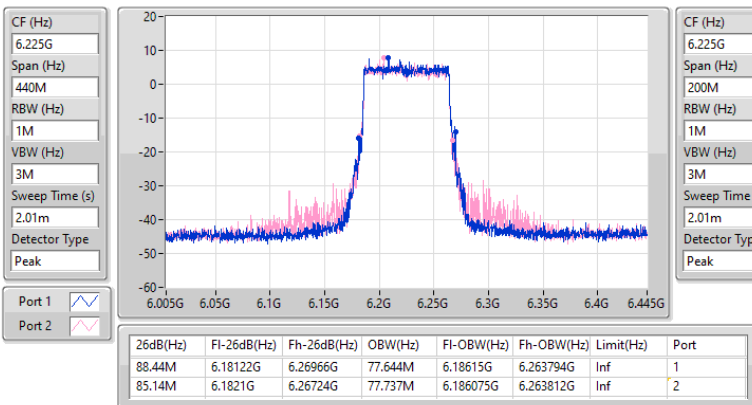


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

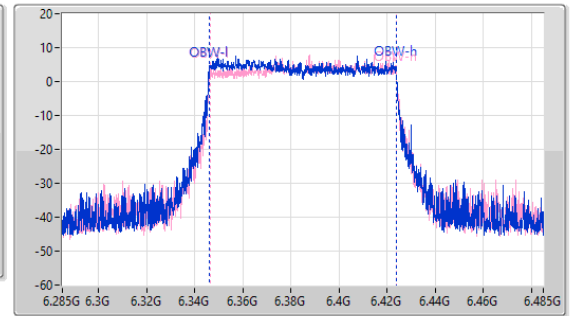
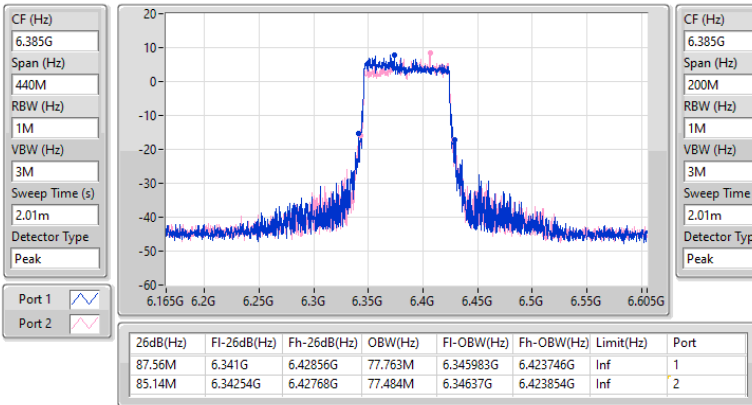
6225MHz

28/12/2024

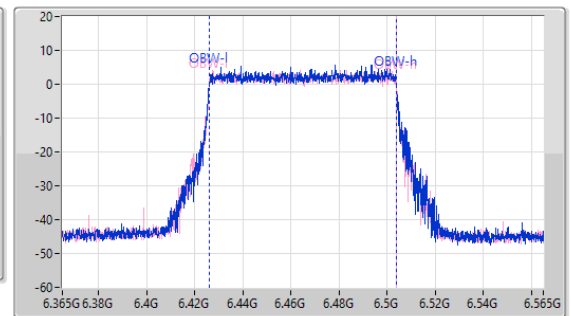
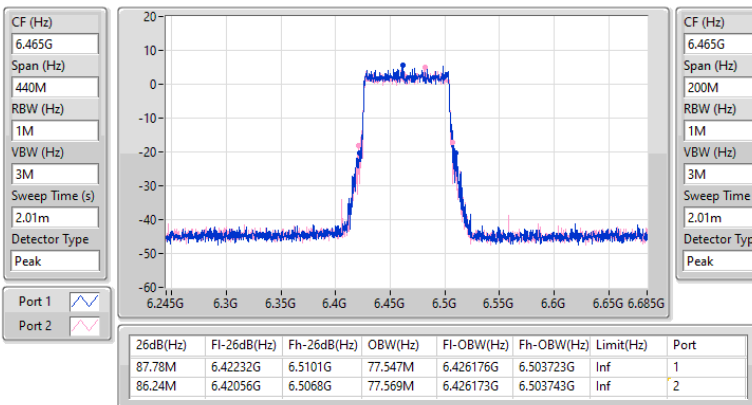


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX
EBW
6385MHz

28/12/2024

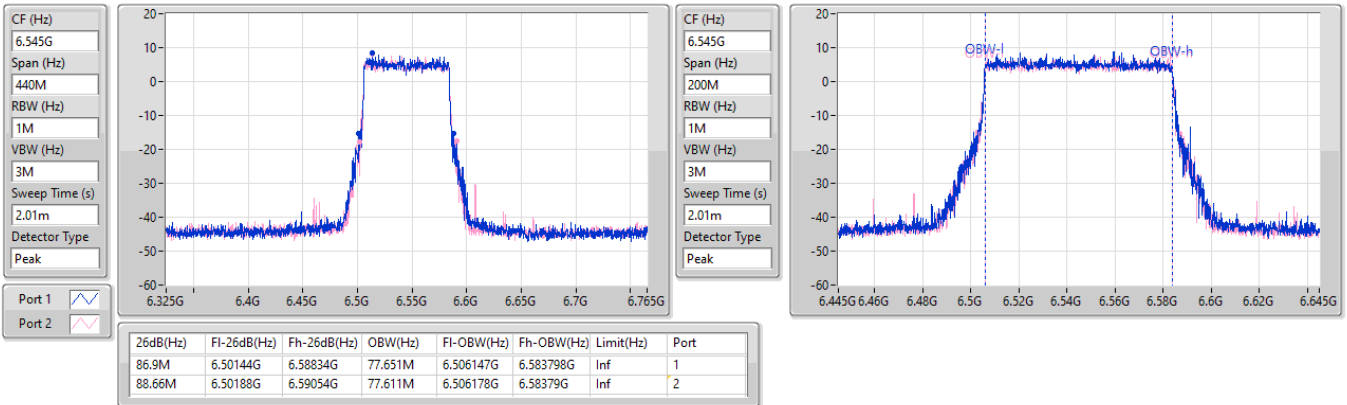

6.425-6.525GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX
EBW
6465MHz

28/12/2024

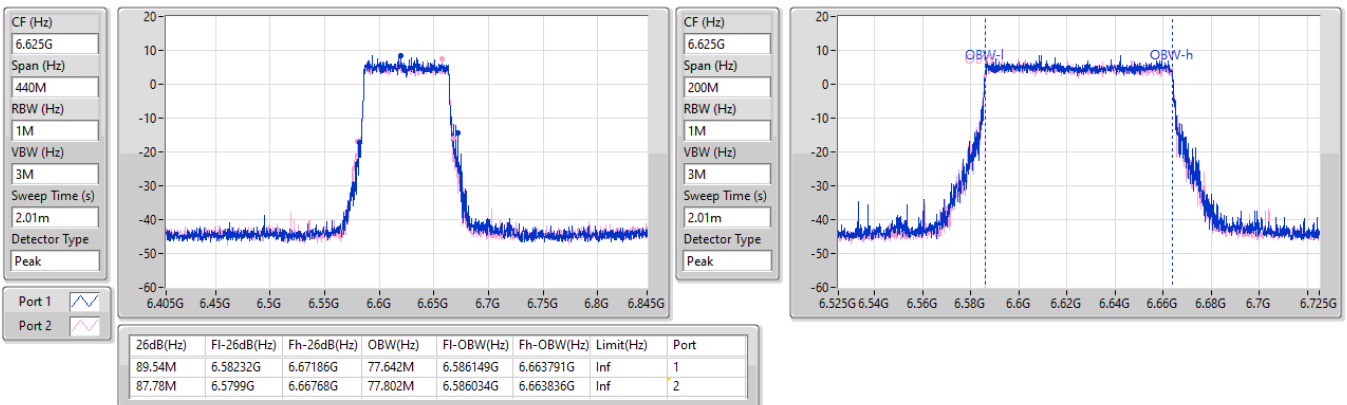


6.425-6.525GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX
EBW
6545MHz

28/12/2024

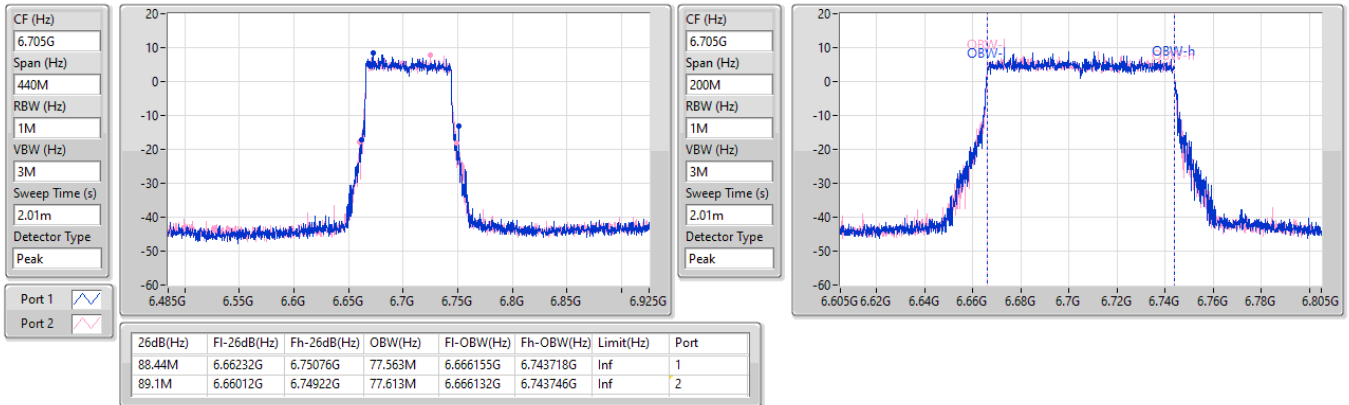

6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX
EBW
6625MHz

28/12/2024

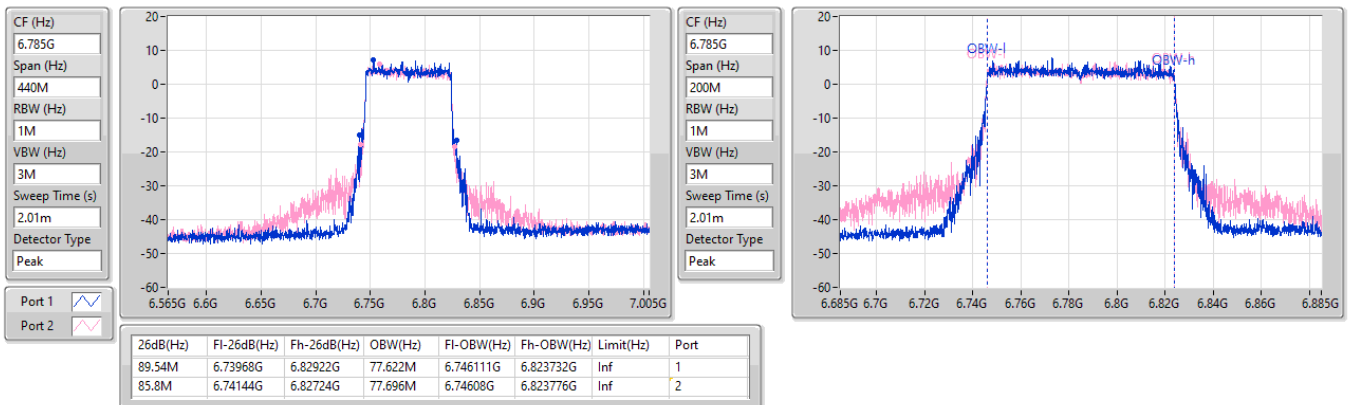


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX
EBW
6705MHz

28/12/2024


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX
EBW
6785MHz

28/12/2024

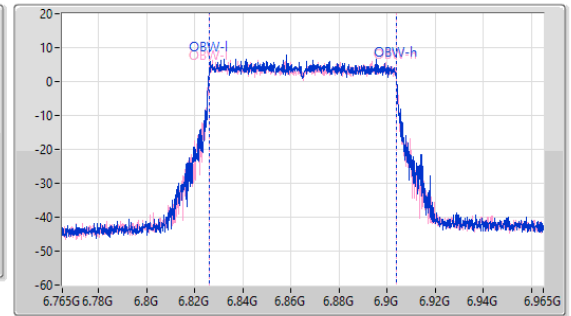
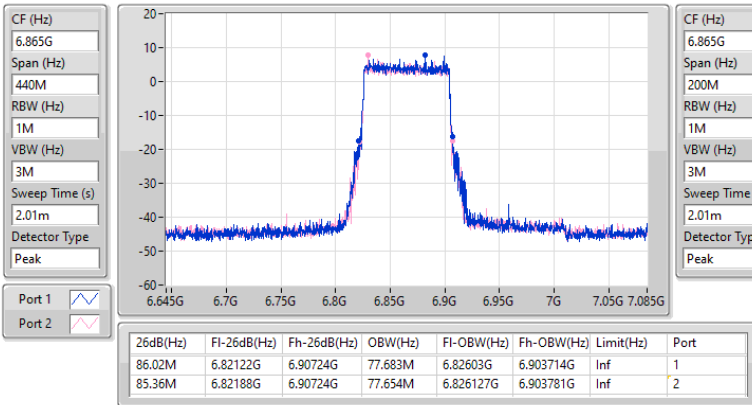


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

6865MHz

28/12/2024

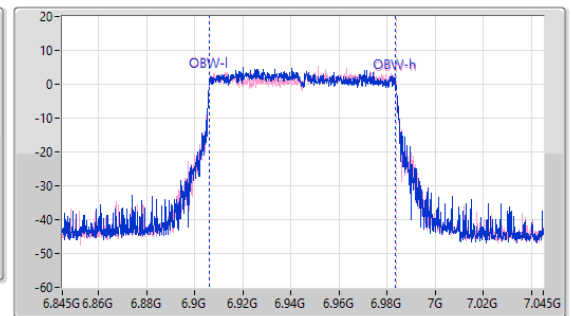
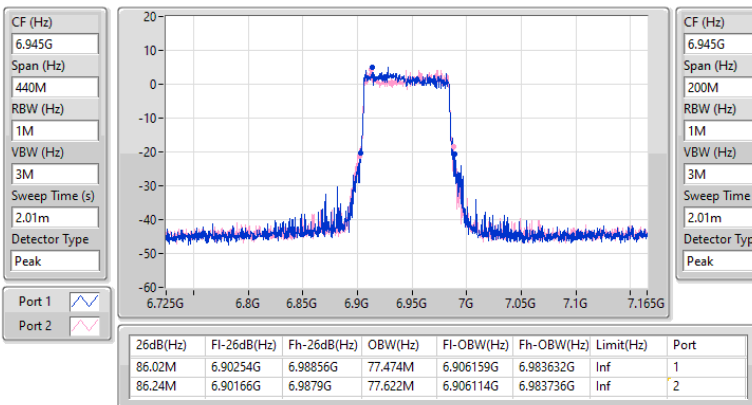


6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

6945MHz

28/12/2024

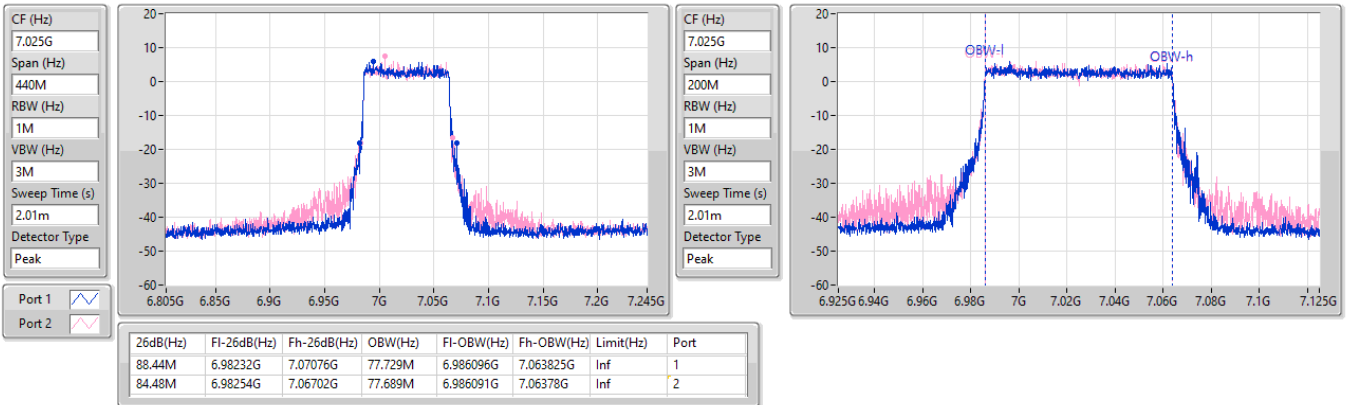


6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

7025MHz

28/12/2024

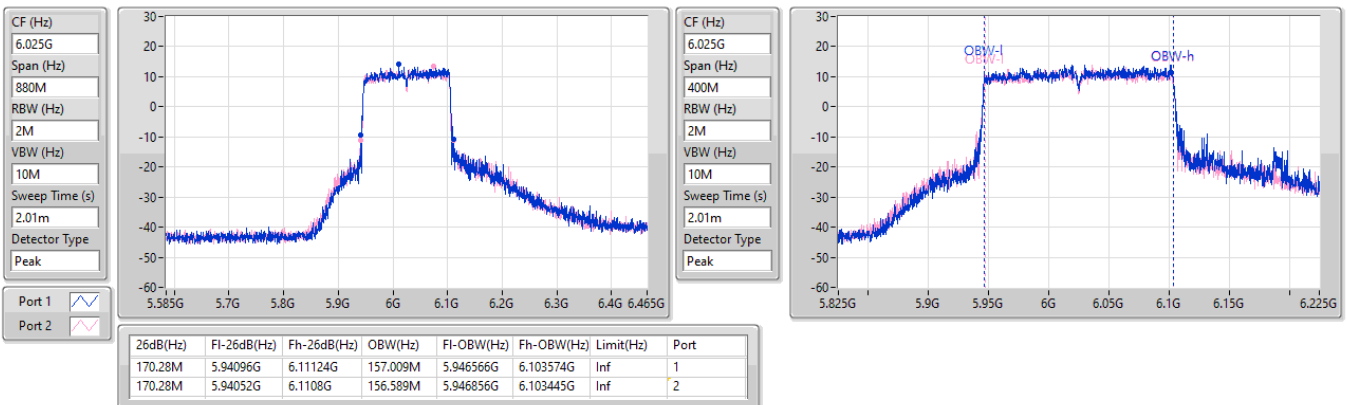


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

EBW

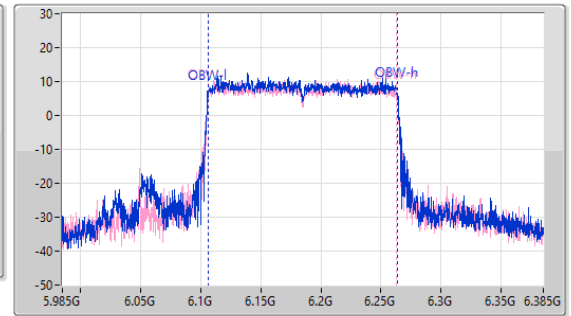
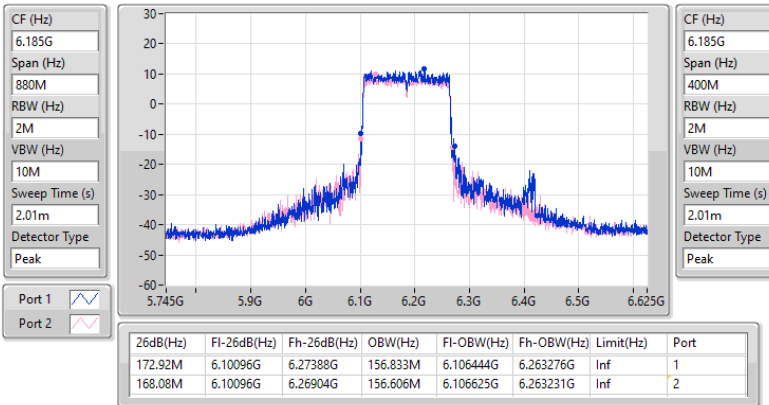
6025MHz

28/12/2024

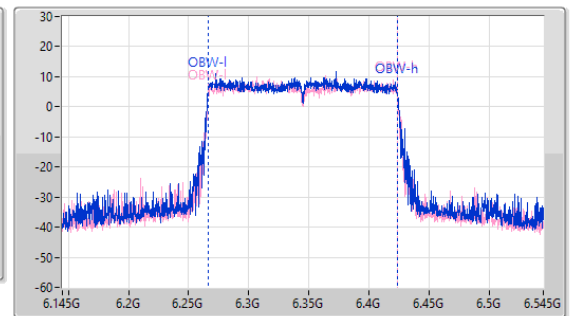
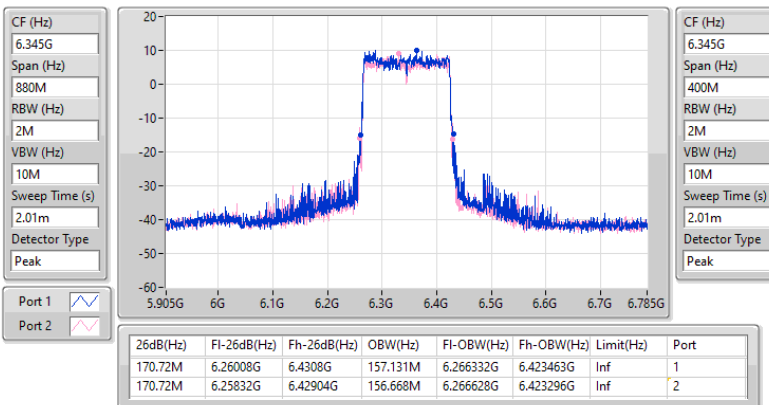


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX
EBW
6185MHz

28/12/2024

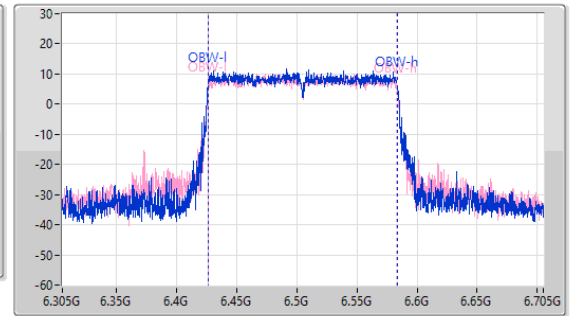
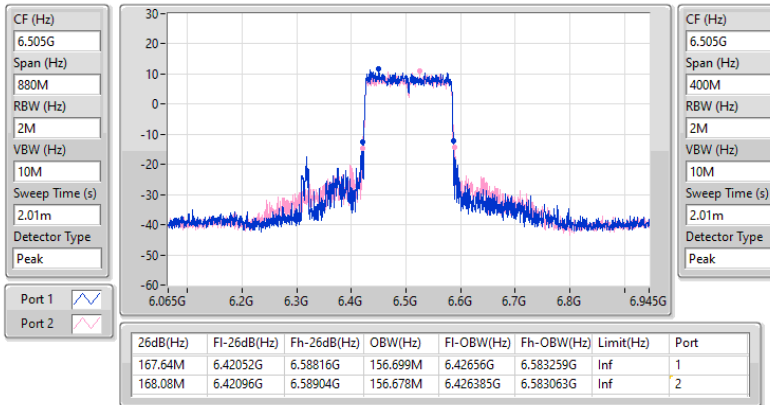

5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX
EBW
6345MHz

28/12/2024

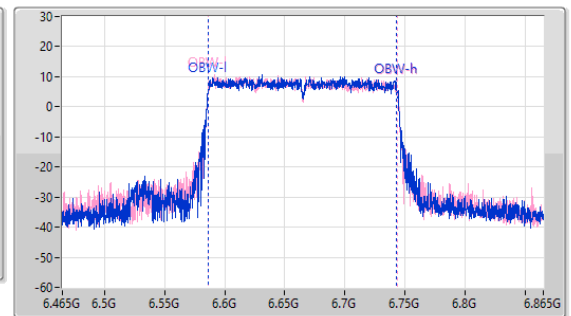
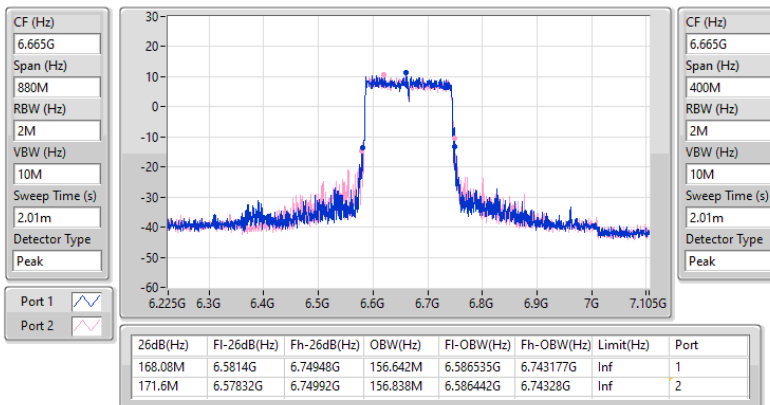


6.425-6.525GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX
EBW
6505MHz

28/12/2024


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX
EBW
6665MHz

28/12/2024

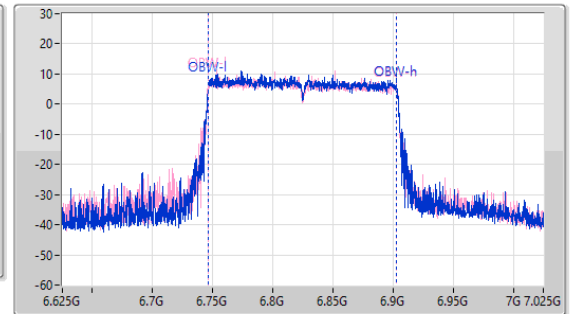
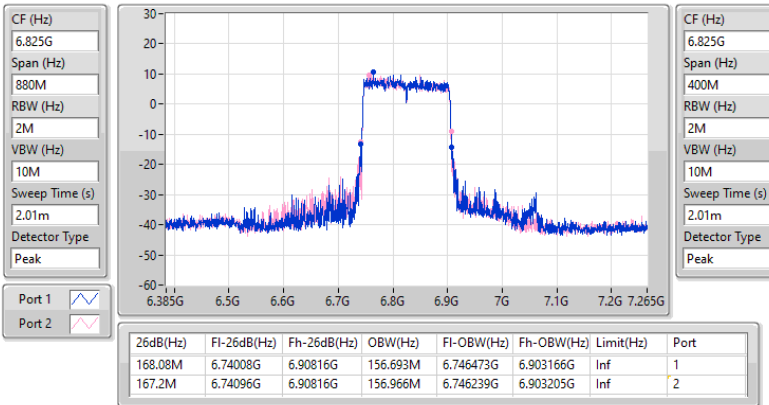


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

EBW

6825MHz

28/12/2024

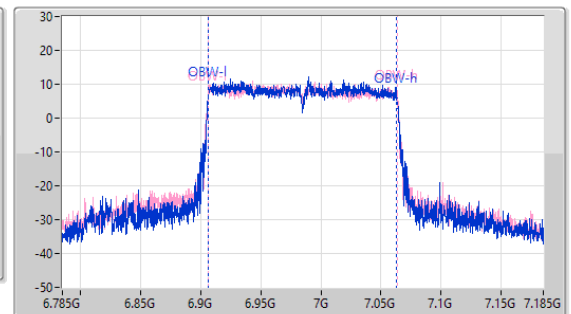
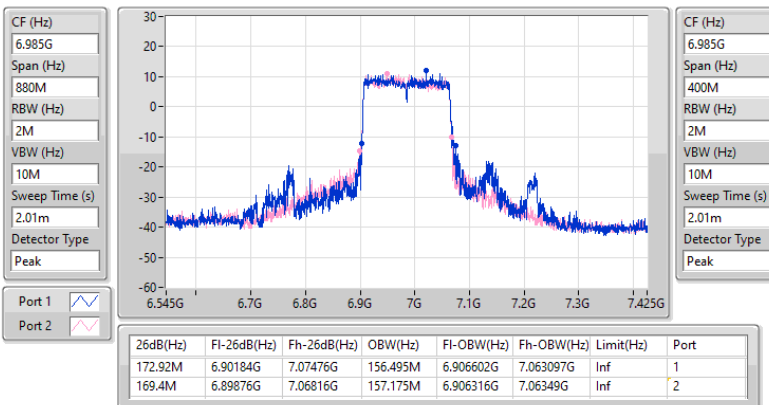


6.875-7.125GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

EBW

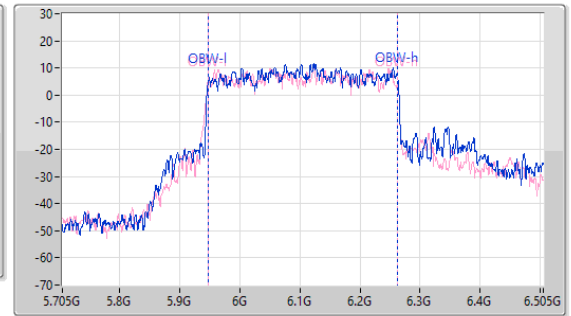
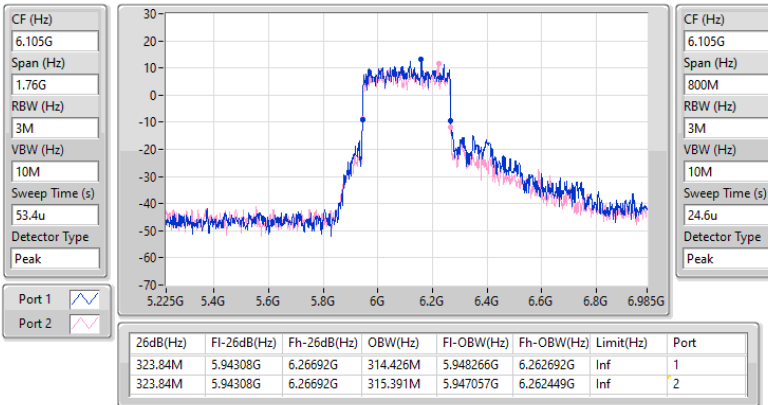
6985MHz

28/12/2024

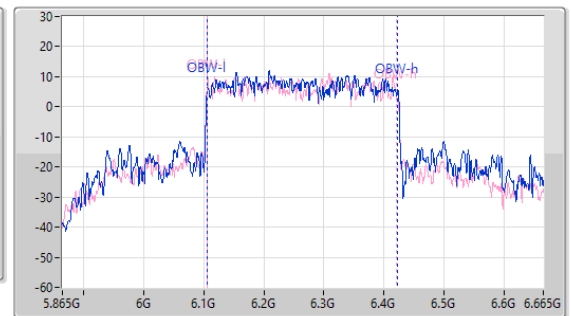
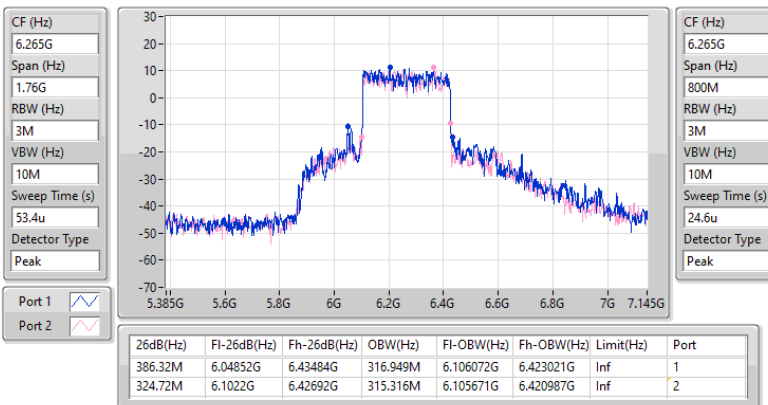


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX
EBW
6105MHz

28/12/2024


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX
EBW
6265MHz

28/12/2024

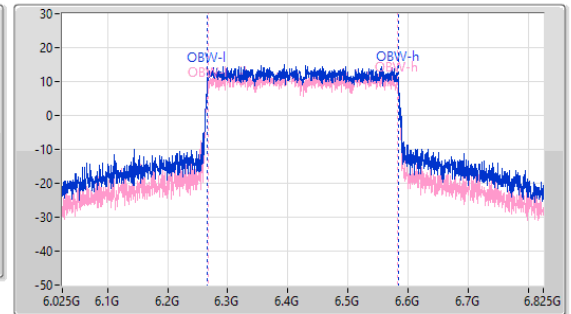
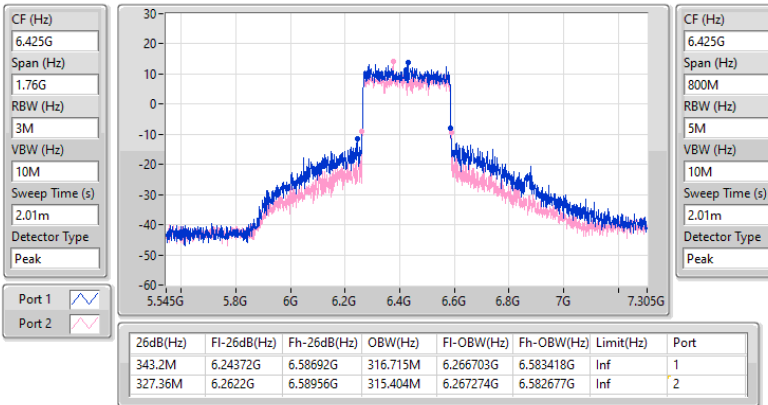


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX

EBW

6425MHz

28/12/2024

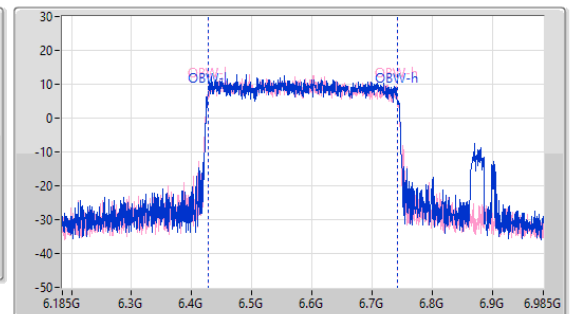
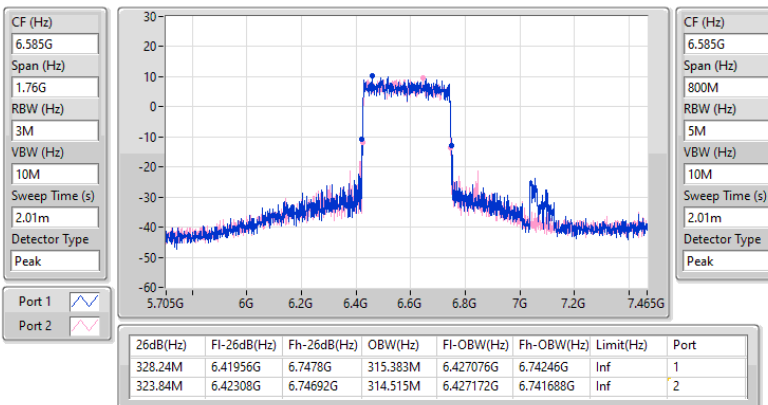


6.425-6.525GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX

EBW

6585MHz

28/12/2024

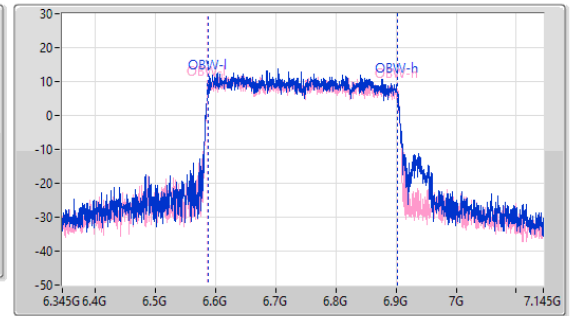
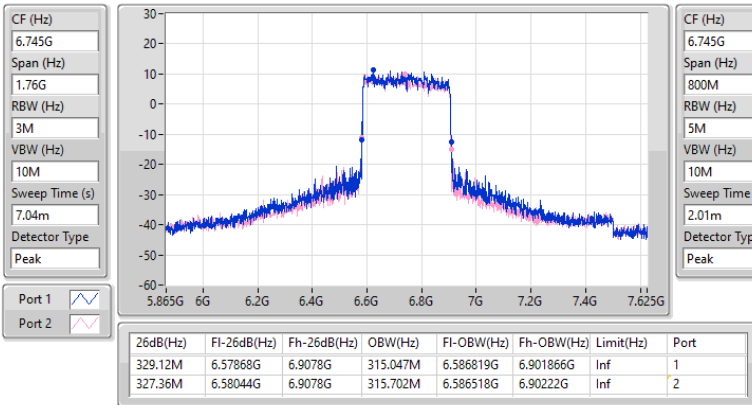


6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX

EBW

6745MHz

28/12/2024

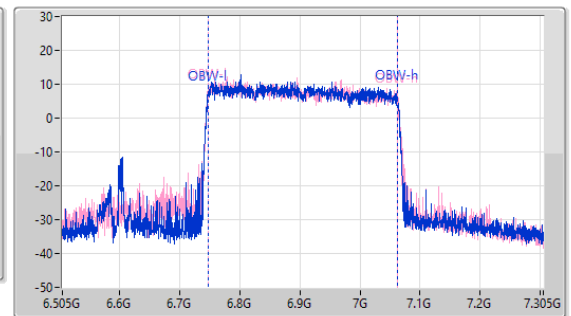
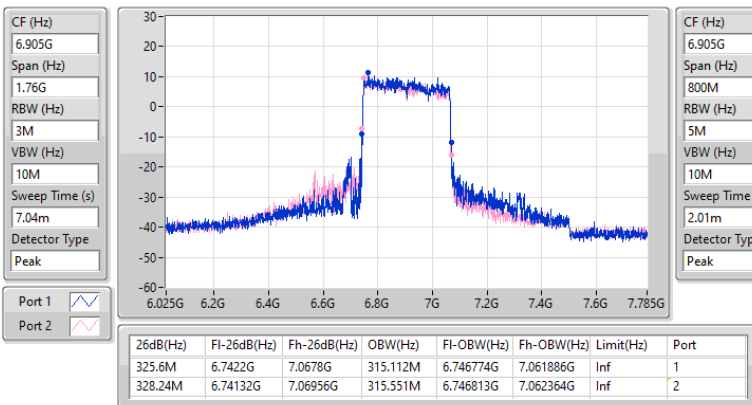


6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX

EBW

6905MHz

28/12/2024



Summary

Mode	EIRP	EIRP
	(dBm)	(W)
5.925-6.425GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	15.43	0.03491
802.11be EHT20-BF_Nss1,(MCS0)_2TX	18.62	0.07278
802.11be EHT40_Nss1,(MCS0)_2TX	18.04	0.06368
802.11be EHT40-BF_Nss1,(MCS0)_2TX	17.93	0.06209
802.11be EHT80_Nss1,(MCS0)_2TX	21.66	0.14655
802.11be EHT80-BF_Nss1,(MCS0)_2TX	22.23	0.16711
802.11be EHT160_Nss1,(MCS0)_2TX	24.12	0.25823
802.11be EHT160-BF_Nss1,(MCS0)_2TX	25.70	0.37154
802.11be EHT320_Nss1,(MCS0)_2TX	26.97	0.49774
802.11be EHT320-BF_Nss1,(MCS0)_2TX	29.57	0.90573
6.425-6.525GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	14.88	0.03076
802.11be EHT20-BF_Nss1,(MCS0)_2TX	17.66	0.05834
802.11be EHT40_Nss1,(MCS0)_2TX	18.78	0.07551
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.66	0.11641
802.11be EHT80_Nss1,(MCS0)_2TX	21.38	0.13740
802.11be EHT80-BF_Nss1,(MCS0)_2TX	22.94	0.19679
802.11be EHT160_Nss1,(MCS0)_2TX	23.96	0.24889
802.11be EHT160-BF_Nss1,(MCS0)_2TX	24.45	0.27861
6.525-6.875GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	15.26	0.03357
802.11be EHT20-BF_Nss1,(MCS0)_2TX	17.35	0.05433
802.11be EHT40_Nss1,(MCS0)_2TX	18.76	0.07516
802.11be EHT40-BF_Nss1,(MCS0)_2TX	21.35	0.13646
802.11be EHT80_Nss1,(MCS0)_2TX	20.70	0.11749
802.11be EHT80-BF_Nss1,(MCS0)_2TX	23.86	0.24322
802.11be EHT160_Nss1,(MCS0)_2TX	24.15	0.26002
802.11be EHT160-BF_Nss1,(MCS0)_2TX	25.58	0.36141
802.11be EHT320_Nss1,(MCS0)_2TX	27.33	0.54075
802.11be EHT320-BF_Nss1,(MCS0)_2TX	27.97	0.62661
6.875-7.125GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	14.92	0.03105
802.11be EHT20-BF_Nss1,(MCS0)_2TX	16.69	0.04667
802.11be EHT40_Nss1,(MCS0)_2TX	17.90	0.06166
802.11be EHT40-BF_Nss1,(MCS0)_2TX	19.69	0.09311
802.11be EHT80_Nss1,(MCS0)_2TX	21.02	0.12647
802.11be EHT80-BF_Nss1,(MCS0)_2TX	22.45	0.17579
802.11be EHT160_Nss1,(MCS0)_2TX	24.10	0.25704
802.11be EHT160-BF_Nss1,(MCS0)_2TX	25.16	0.32810

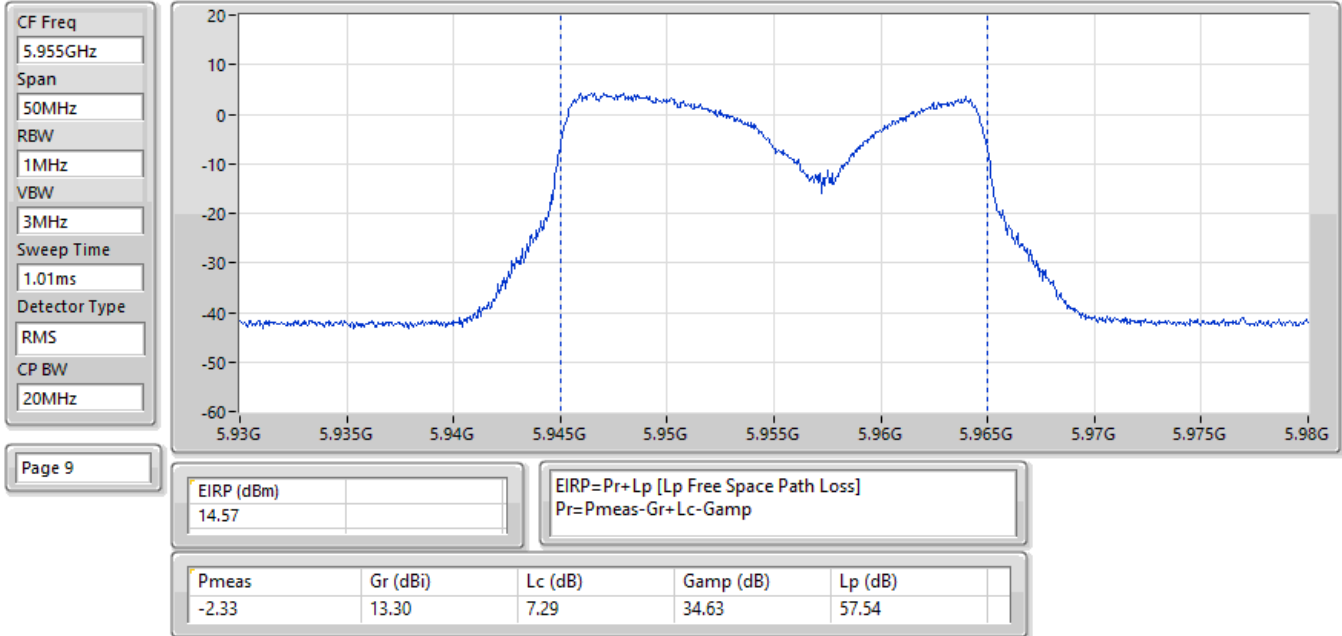
Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	14.57	30.00
6195MHz	Pass	15.43	30.00
6415MHz	Pass	14.68	30.00
6435MHz	Pass	14.81	30.00
6475MHz	Pass	14.35	30.00
6515MHz	Pass	14.88	30.00
6535MHz	Pass	14.37	30.00
6695MHz	Pass	15.26	30.00
6875MHz	Pass	14.82	30.00
6895MHz	Pass	14.79	30.00
6995MHz	Pass	14.92	30.00
7095MHz	Pass	14.67	30.00
7115MHz	Pass	10.84	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	18.04	30.00
6205MHz	Pass	17.96	30.00
6405MHz	Pass	17.91	30.00
6445MHz	Pass	18.78	30.00
6485MHz	Pass	18.05	30.00
6525MHz	Pass	18.38	30.00
6565MHz	Pass	18.76	30.00
6685MHz	Pass	17.52	30.00
6885MHz	Pass	17.94	30.00
6925MHz	Pass	17.90	30.00
7005MHz	Pass	17.75	30.00
7085MHz	Pass	17.72	30.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	20.99	30.00
6225MHz	Pass	21.36	30.00
6385MHz	Pass	21.66	30.00
6465MHz	Pass	20.82	30.00
6545MHz	Pass	21.38	30.00
6625MHz	Pass	20.70	30.00
6705MHz	Pass	20.36	30.00
6785MHz	Pass	20.18	30.00
6865MHz	Pass	20.57	30.00
6945MHz	Pass	20.48	30.00
7025MHz	Pass	21.02	30.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	23.07	30.00
6185MHz	Pass	23.96	30.00
6345MHz	Pass	24.12	30.00
6505MHz	Pass	23.96	30.00
6665MHz	Pass	24.15	30.00
6825MHz	Pass	23.32	30.00
6985MHz	Pass	24.10	30.00
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-
6105MHz	Pass	26.69	30.00
6265MHz	Pass	26.97	30.00
6425MHz	Pass	26.40	30.00
6585MHz	Pass	27.33	30.00
6745MHz	Pass	26.42	30.00
6905MHz	Pass	23.38	30.00
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-

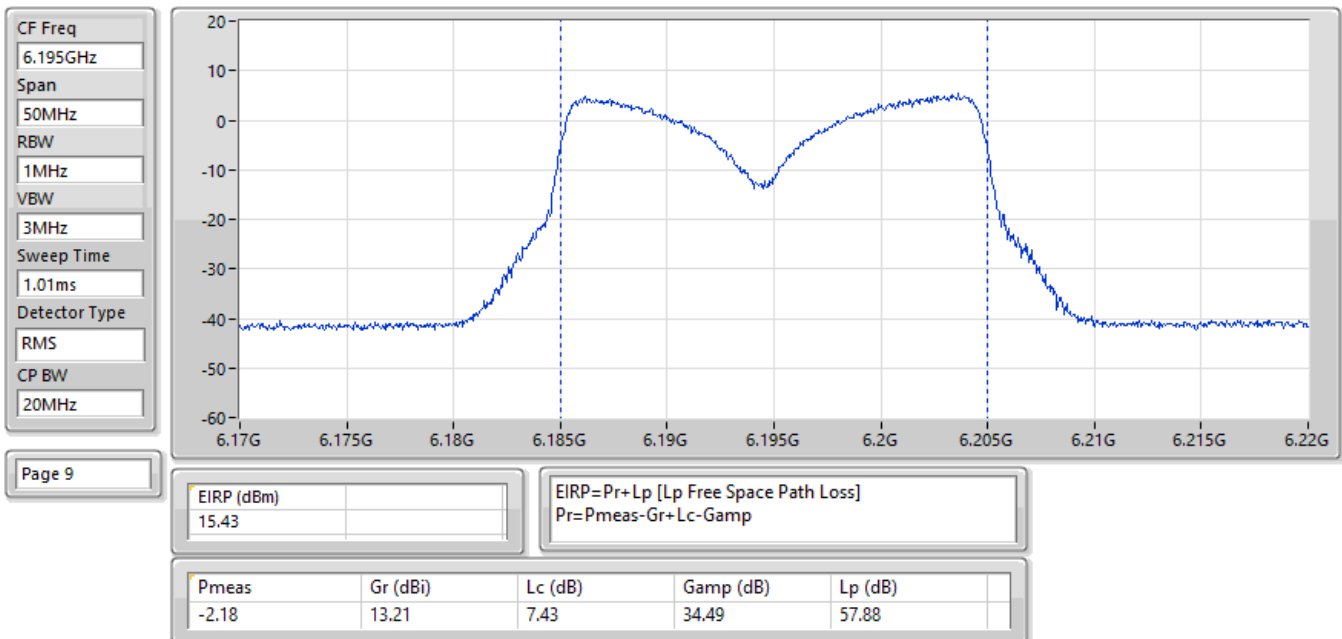
5955MHz	Pass	17.99	30.00
6195MHz	Pass	18.62	30.00
6415MHz	Pass	16.21	30.00
6435MHz	Pass	16.57	30.00
6475MHz	Pass	16.25	30.00
6515MHz	Pass	17.66	30.00
6535MHz	Pass	17.35	30.00
6695MHz	Pass	16.45	30.00
6875MHz	Pass	17.08	30.00
6895MHz	Pass	16.69	30.00
6995MHz	Pass	16.24	30.00
7095MHz	Pass	16.04	30.00
7115MHz	Pass	10.33	30.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	17.79	30.00
6205MHz	Pass	17.93	30.00
6405MHz	Pass	17.77	30.00
6445MHz	Pass	19.61	30.00
6485MHz	Pass	18.11	30.00
6525MHz	Pass	20.66	30.00
6565MHz	Pass	17.60	30.00
6685MHz	Pass	21.35	30.00
6885MHz	Pass	20.20	30.00
6925MHz	Pass	19.69	30.00
7005MHz	Pass	19.66	30.00
7085MHz	Pass	19.57	30.00
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	21.63	30.00
6225MHz	Pass	22.23	30.00
6385MHz	Pass	21.14	30.00
6465MHz	Pass	20.36	30.00
6545MHz	Pass	22.94	30.00
6625MHz	Pass	23.12	30.00
6705MHz	Pass	23.86	30.00
6785MHz	Pass	21.76	30.00
6865MHz	Pass	21.94	30.00
6945MHz	Pass	20.59	30.00
7025MHz	Pass	22.45	30.00
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	25.59	30.00
6185MHz	Pass	25.70	30.00
6345MHz	Pass	23.46	30.00
6505MHz	Pass	24.45	30.00
6665MHz	Pass	25.58	30.00
6825MHz	Pass	24.48	30.00
6985MHz	Pass	25.16	30.00
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-	-	-
6105MHz	Pass	27.73	30.00
6265MHz	Pass	29.57	30.00
6425MHz	Pass	29.49	30.00
6585MHz	Pass	27.11	30.00
6745MHz	Pass	27.97	30.00
6905MHz	Pass	25.86	30.00

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

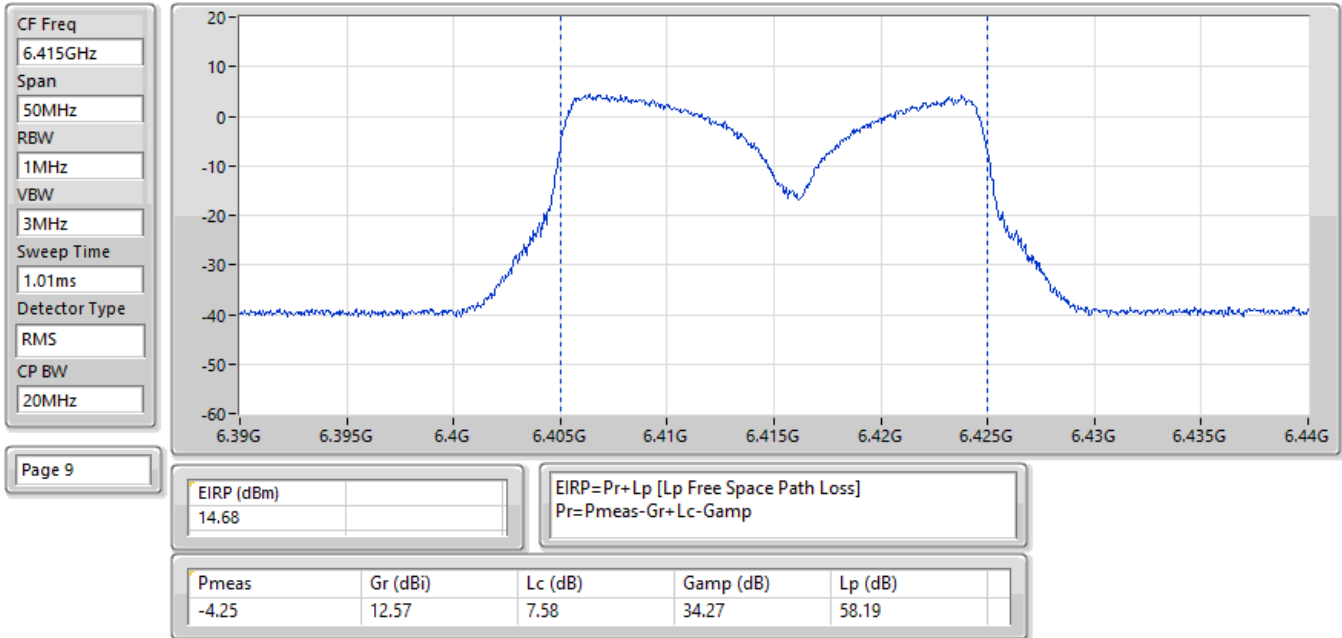
EIRP;Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:5955MHz;TX



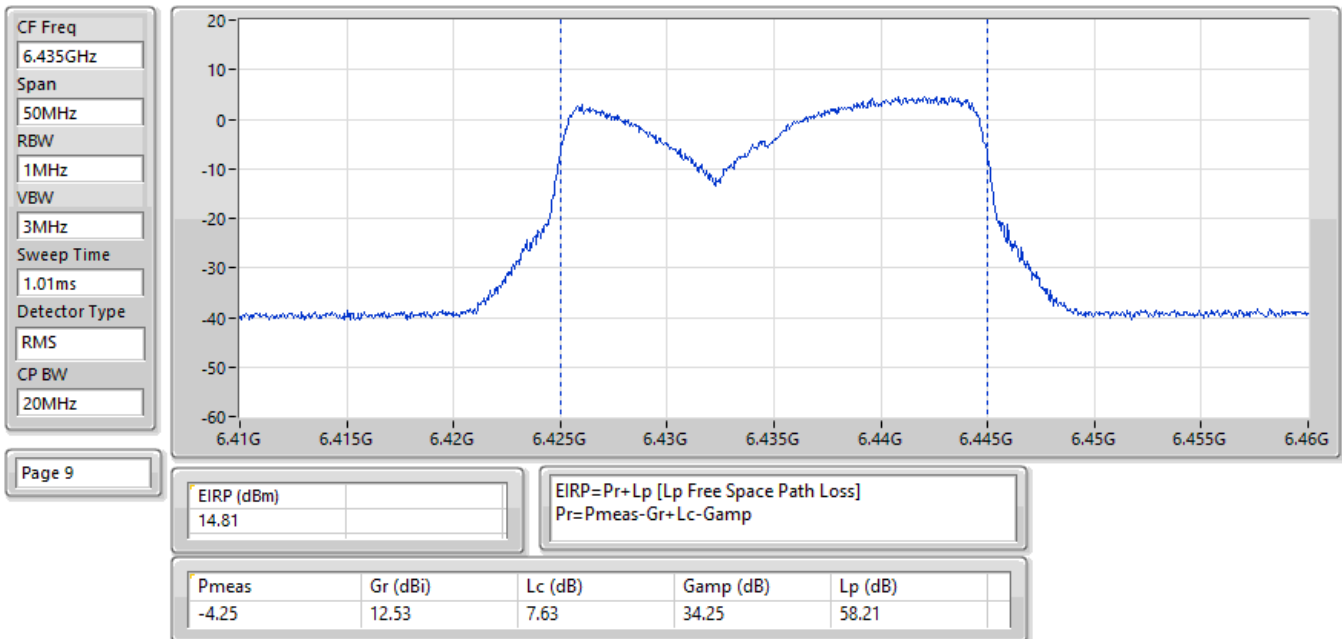
EIRP;Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6195MHz;TX



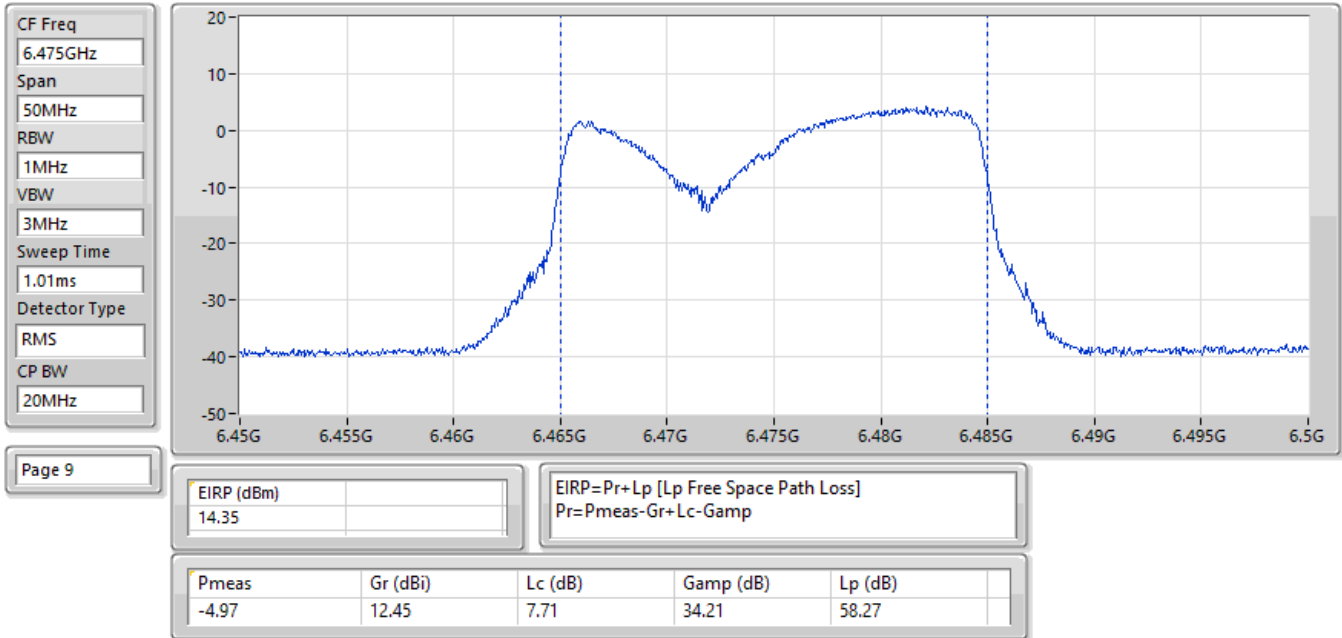
EIRP:Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6415MHz;TX



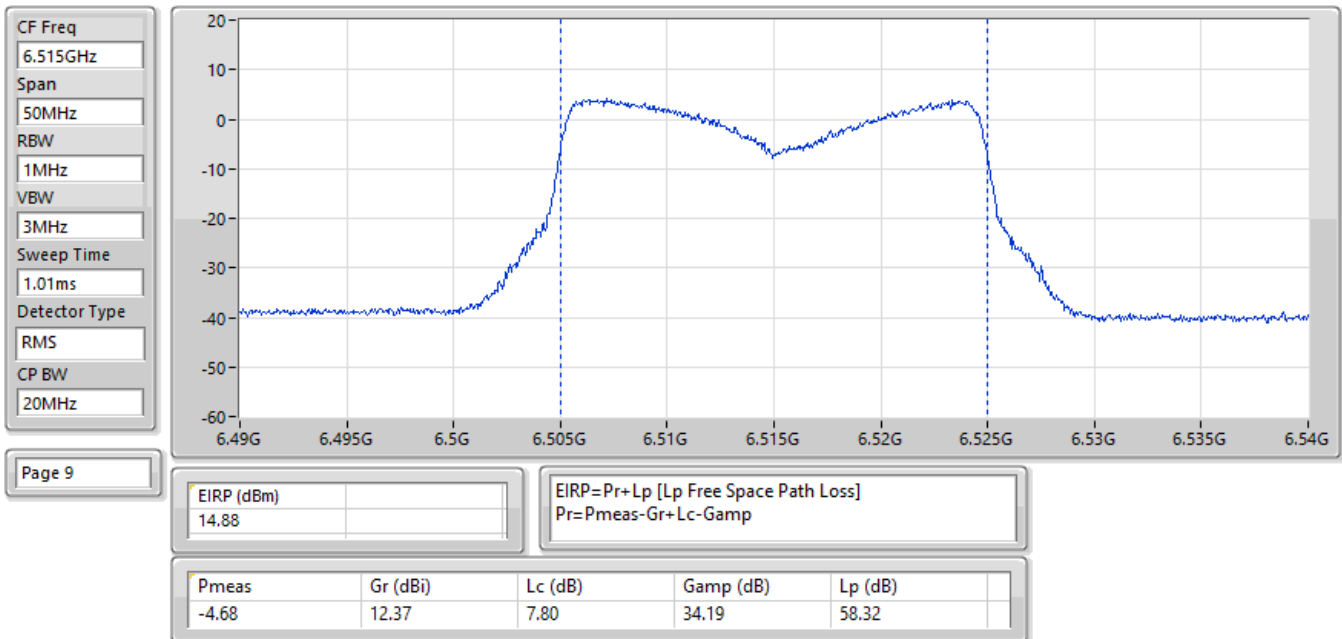
EIRP:Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6435MHz;TX



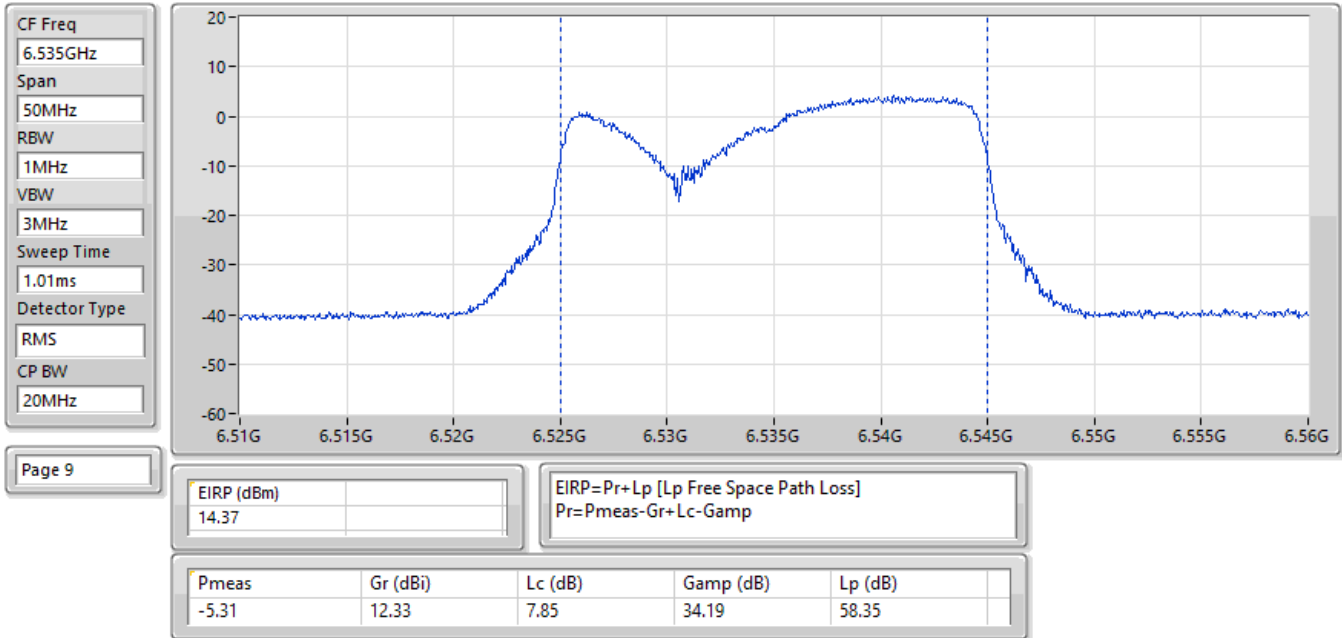
EIRP:Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6475MHz;TX



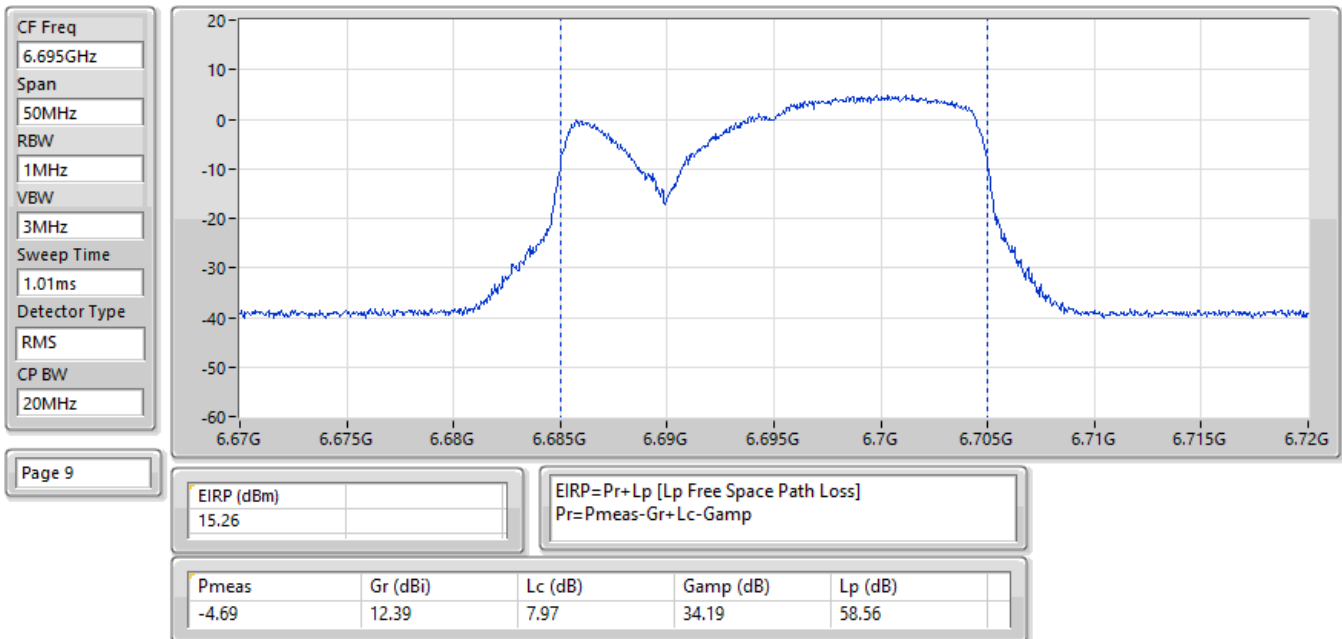
EIRP:Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6515MHz;TX



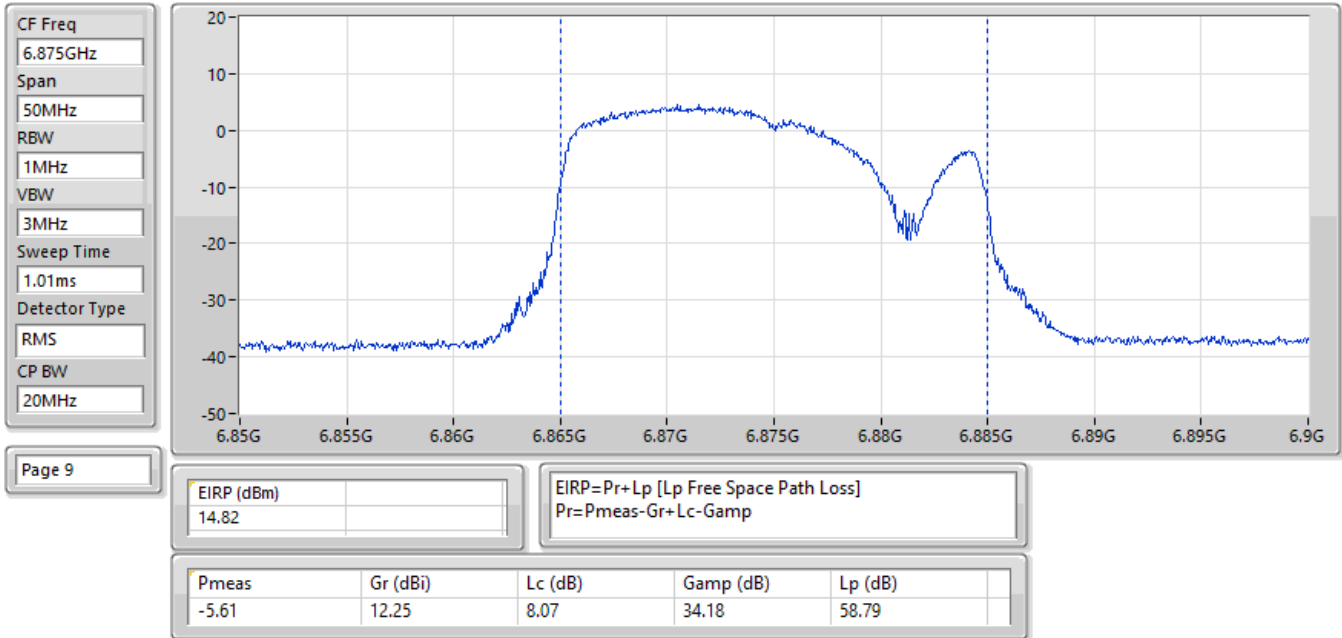
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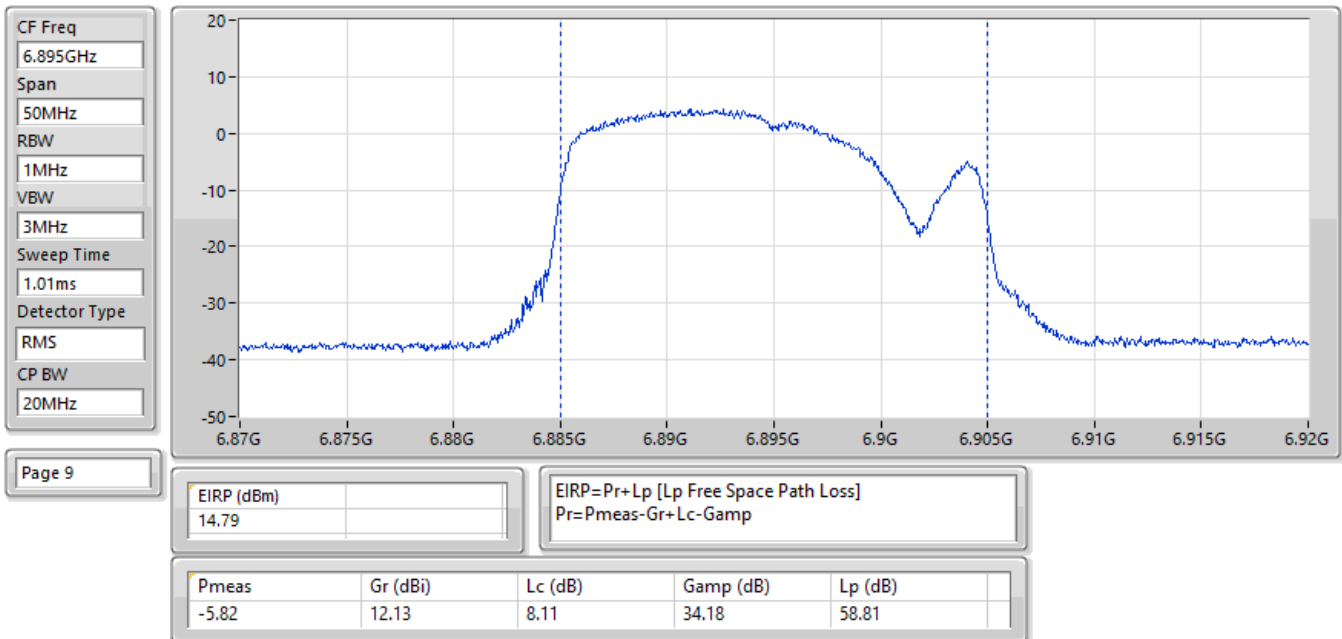
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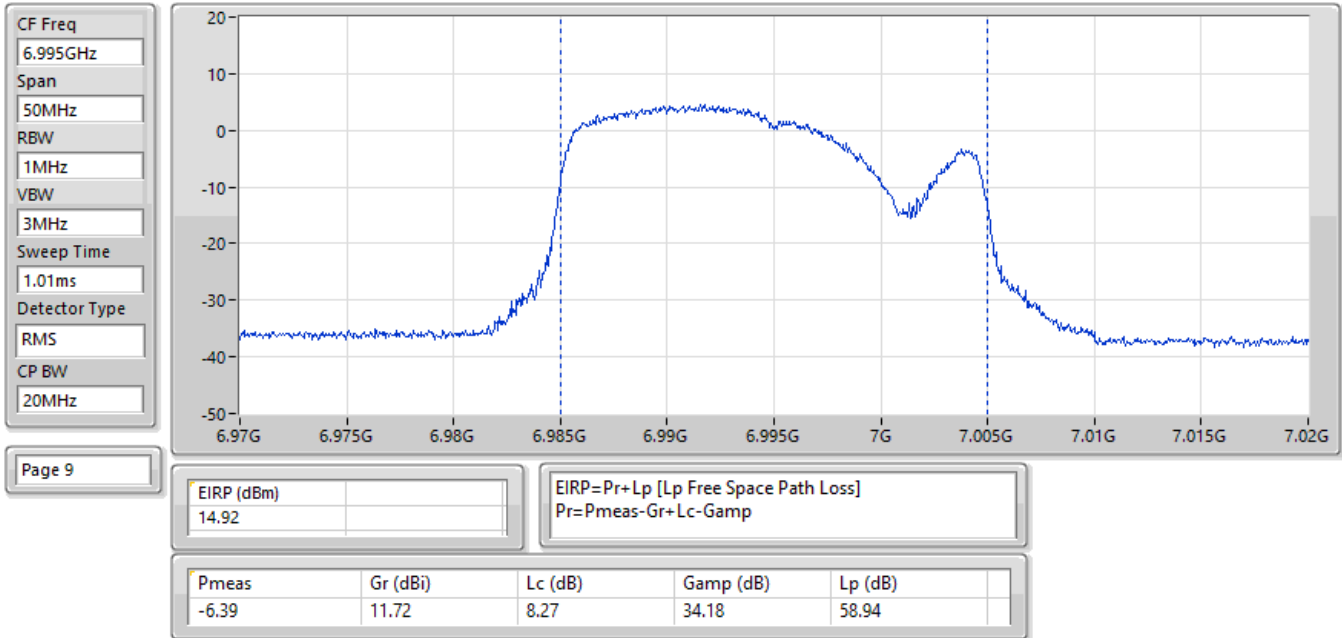
EIRP:Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6875MHz;TX



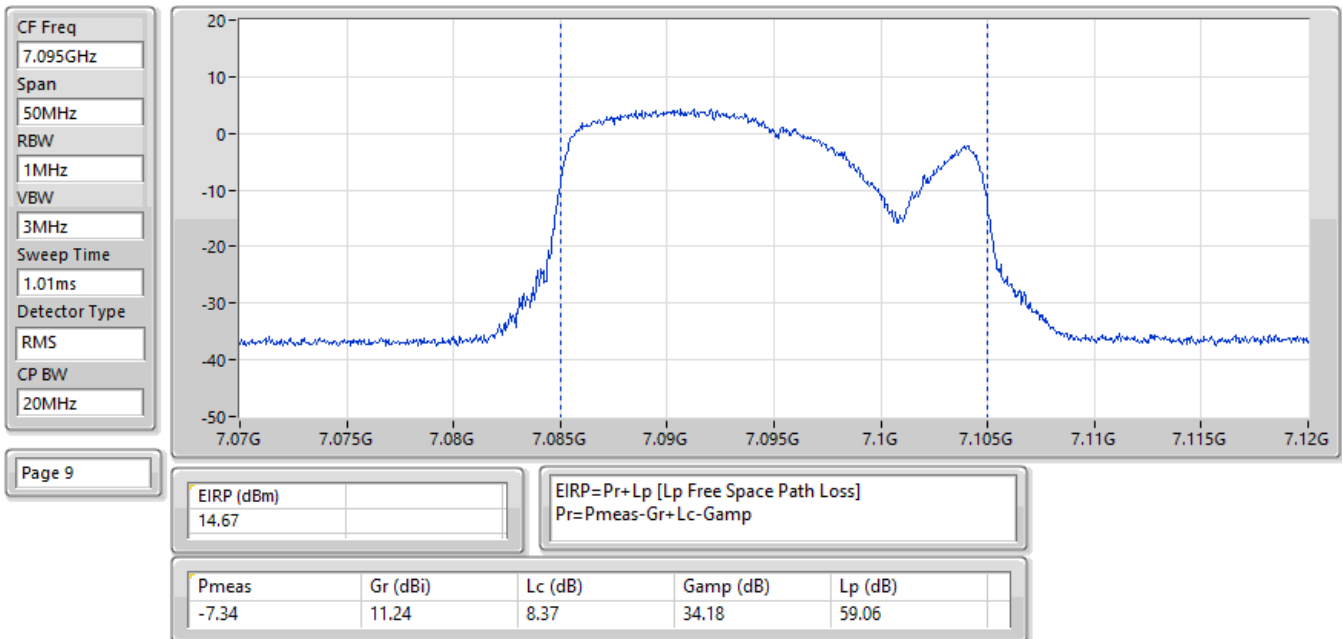
EIRP:Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6895MHz;TX



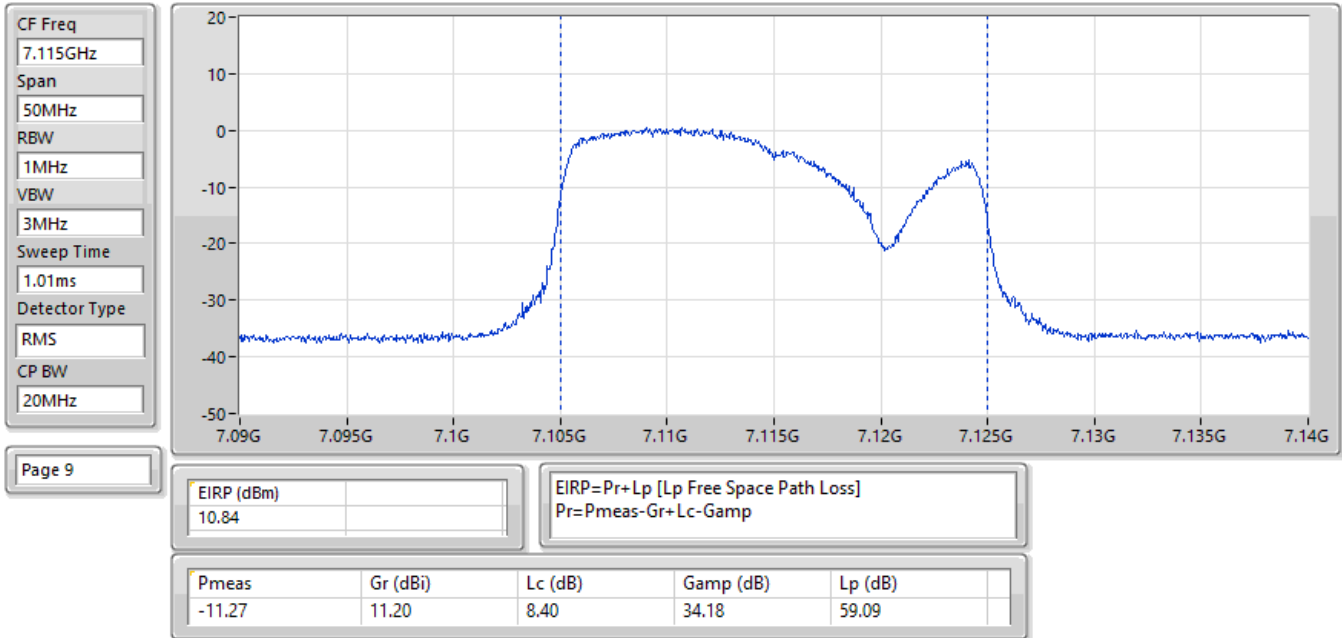
EIRP:Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6995MHz;TX



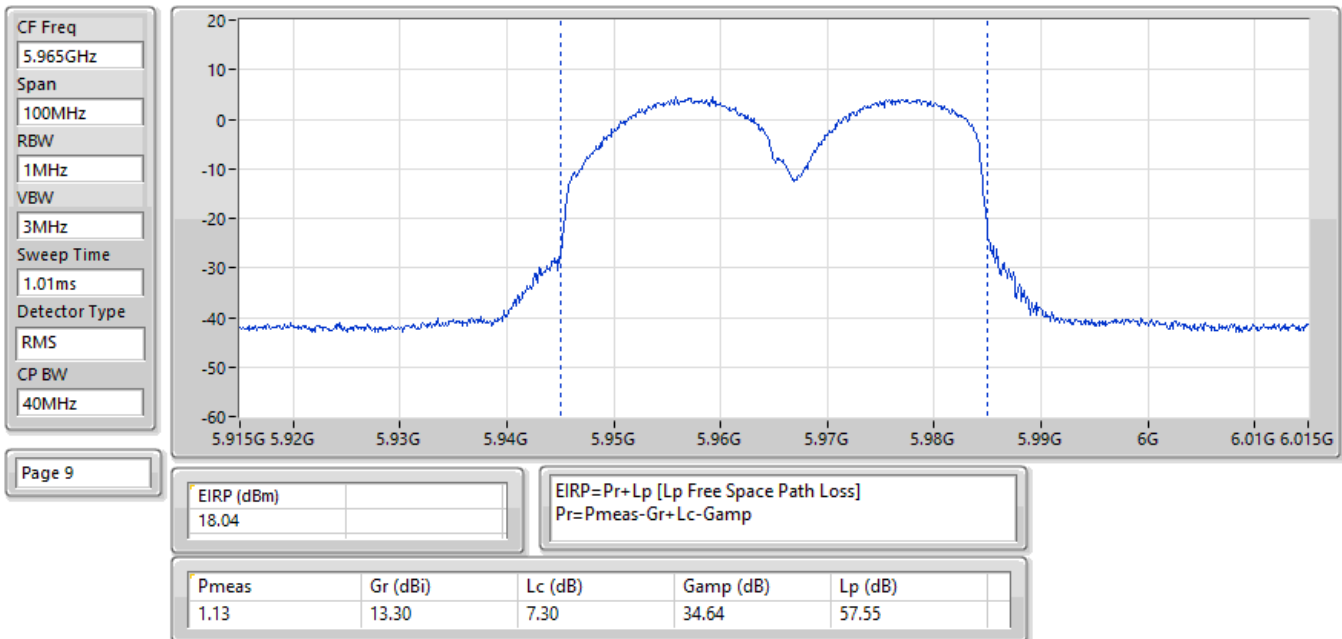
EIRP:Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:7095MHz;TX



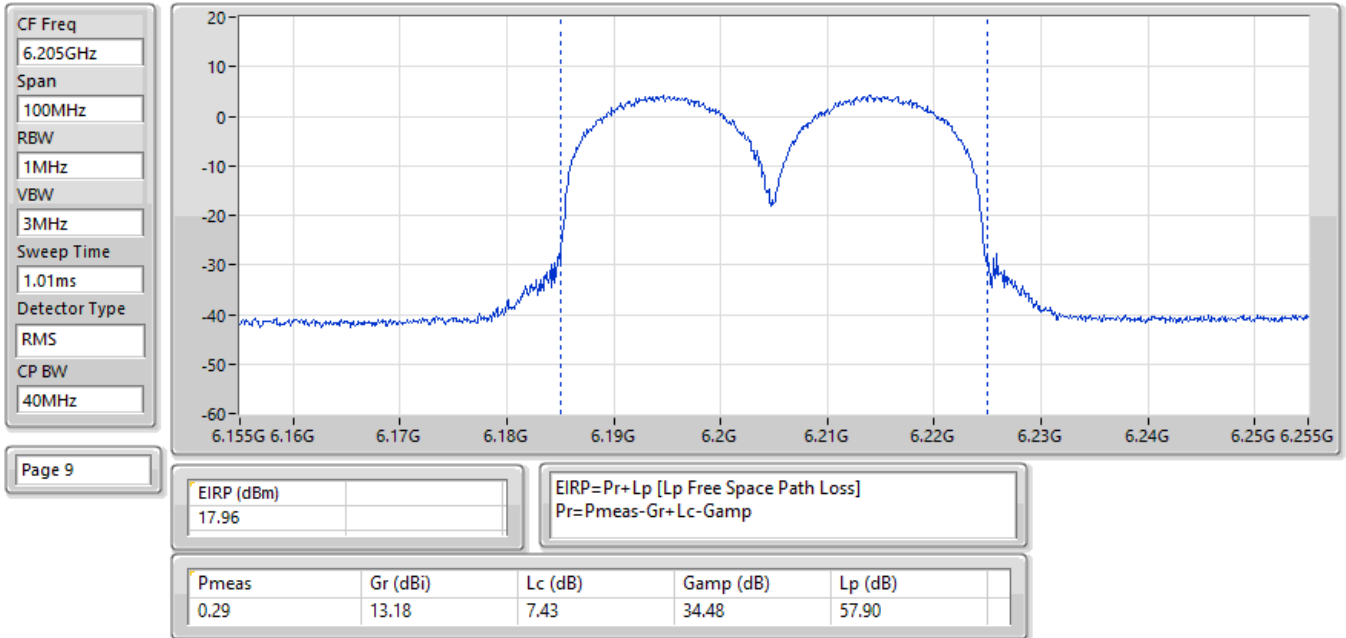
EIRP:Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:7115MHz;TX



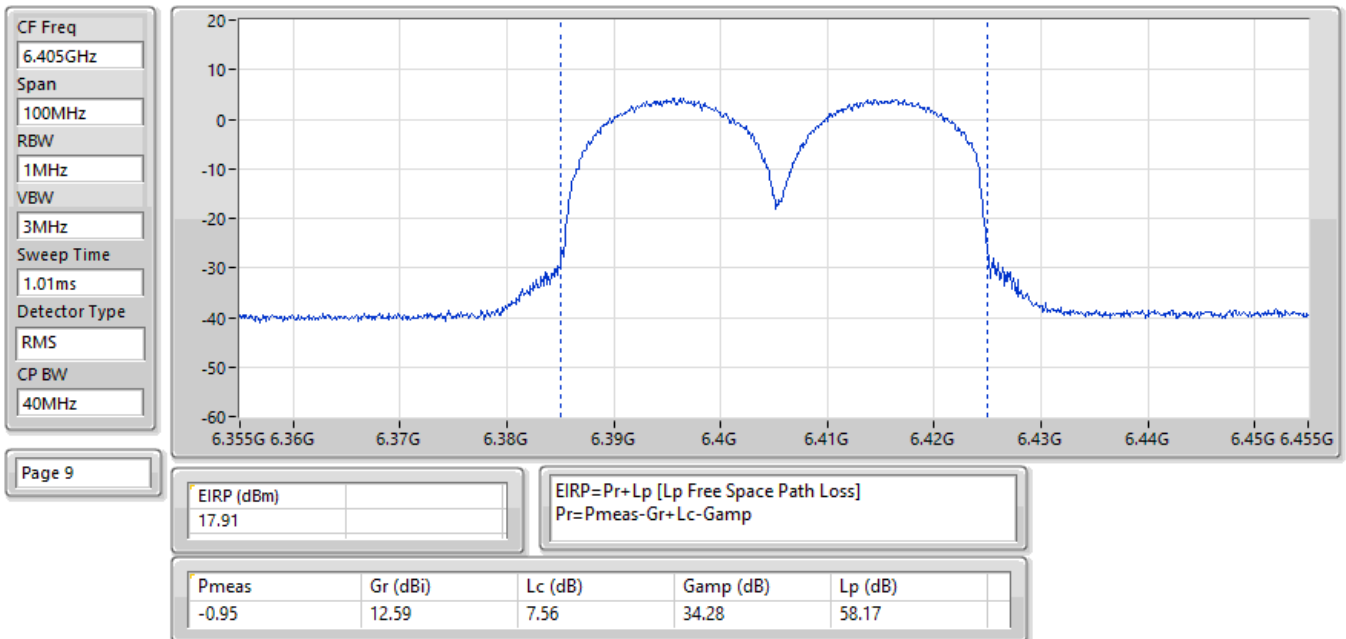
EIRP:Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:5965MHz;TX



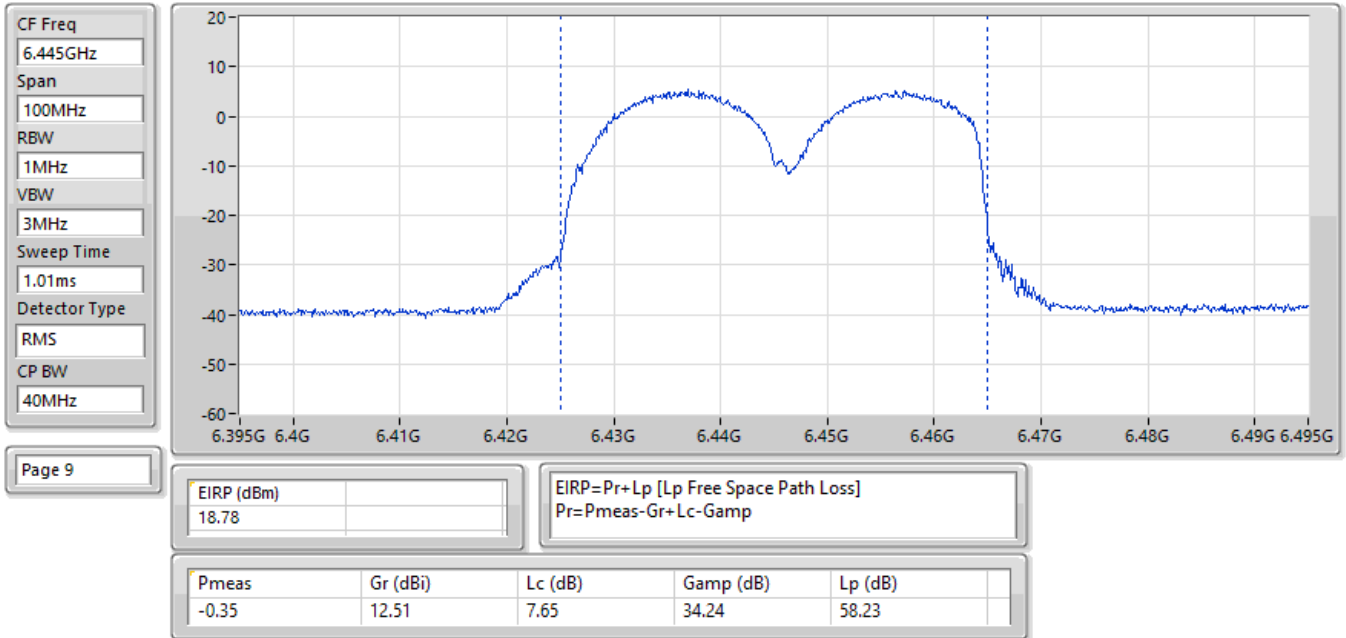
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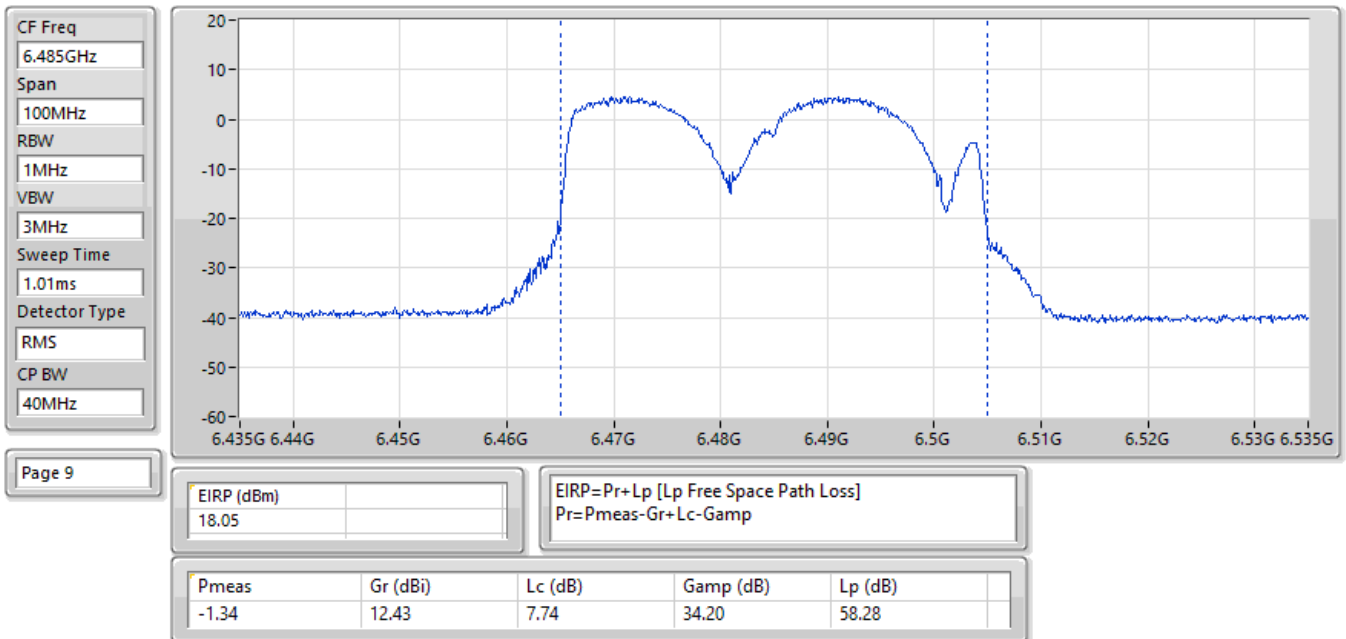
EIRP:Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6405MHz;TX



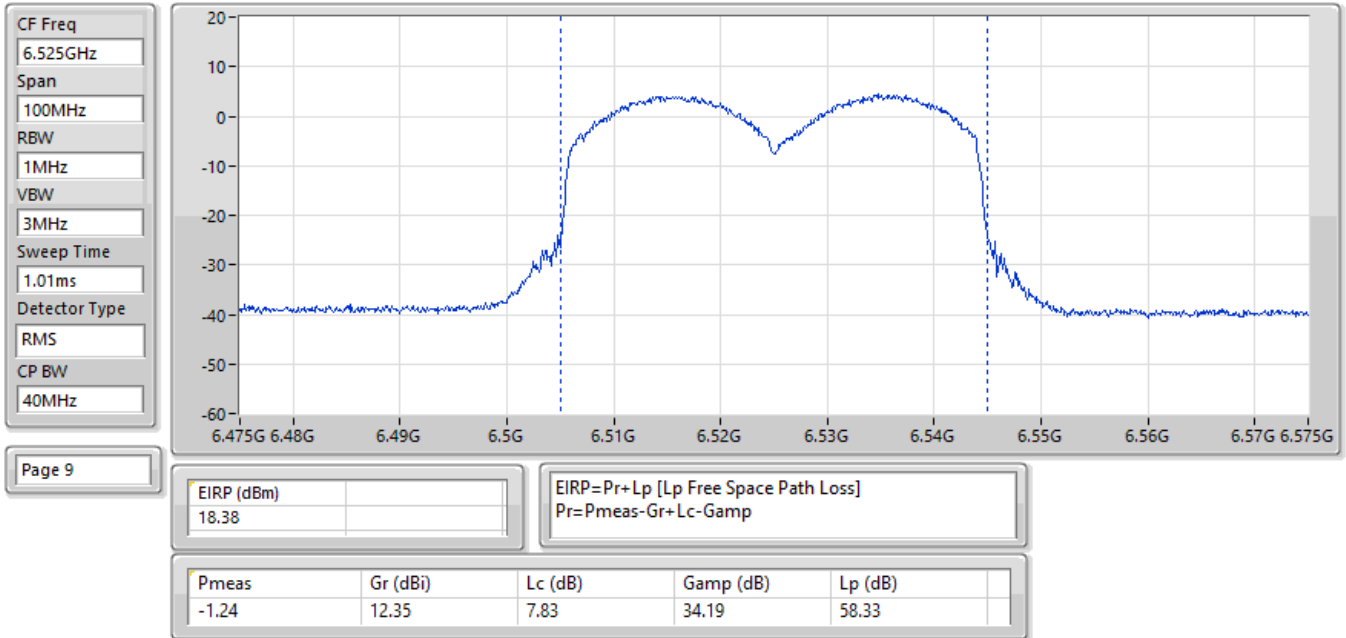
EIRP:Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6445MHz;TX



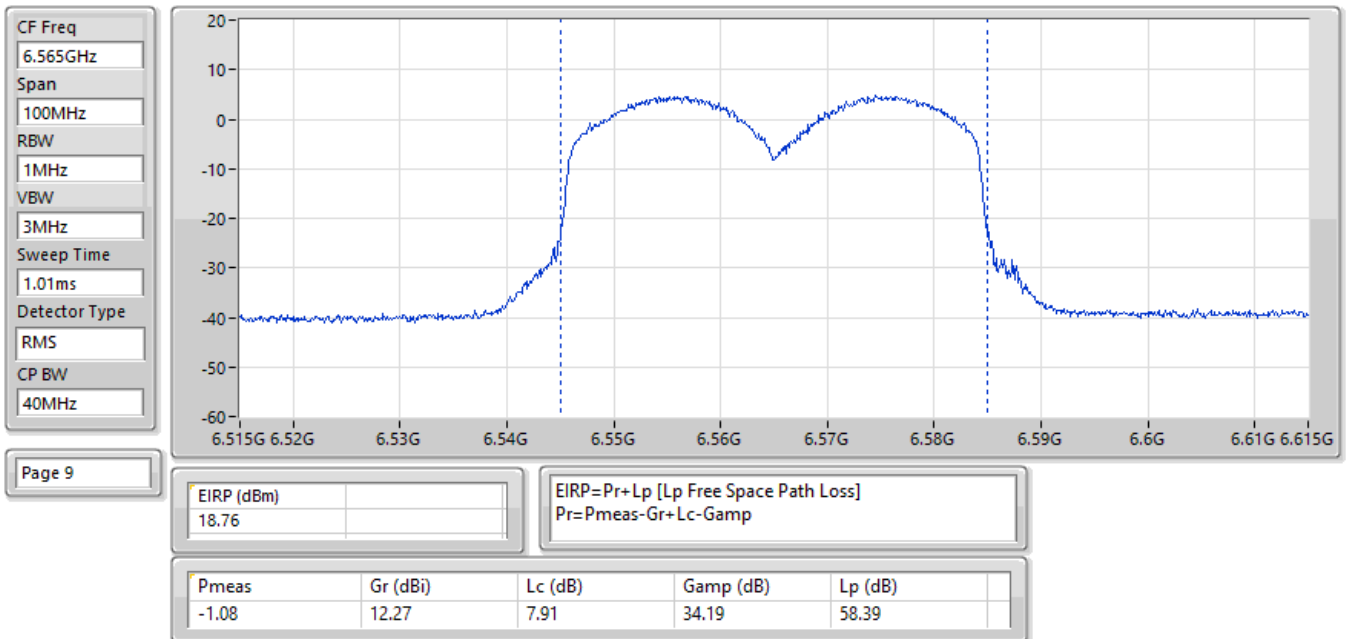
EIRP:Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6485MHz;TX



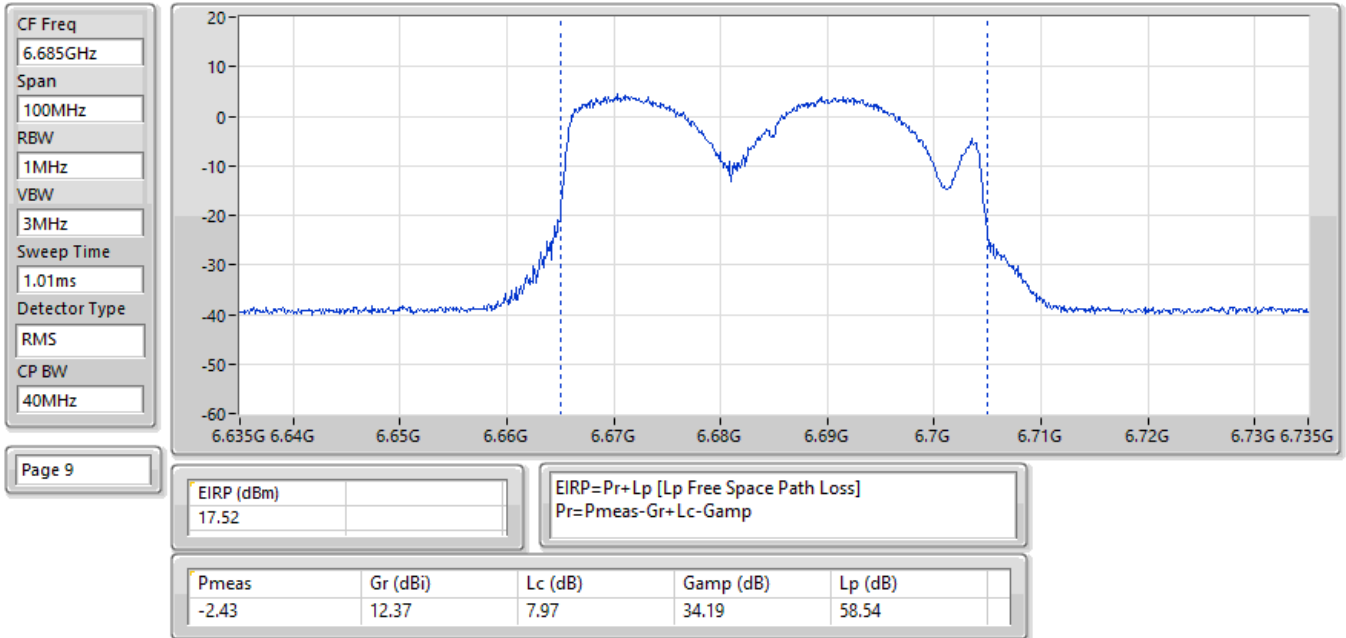
EIRP:Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6525MHz;TX



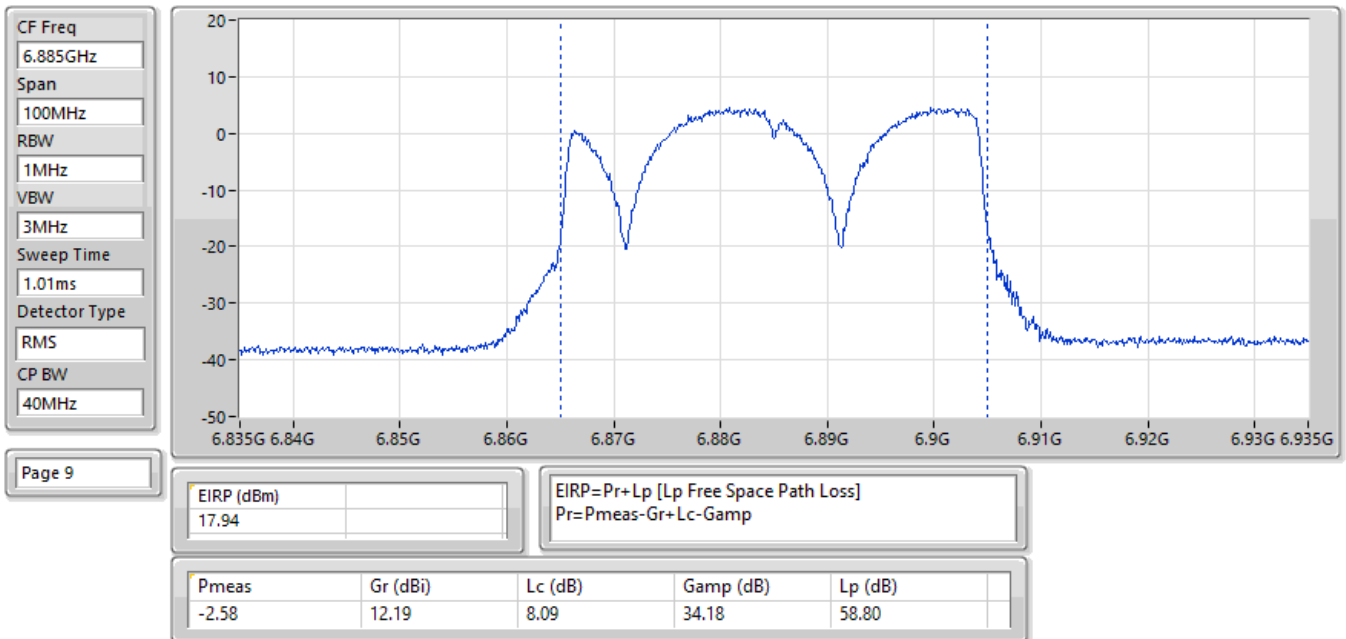
EIRP:Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6565MHz;TX



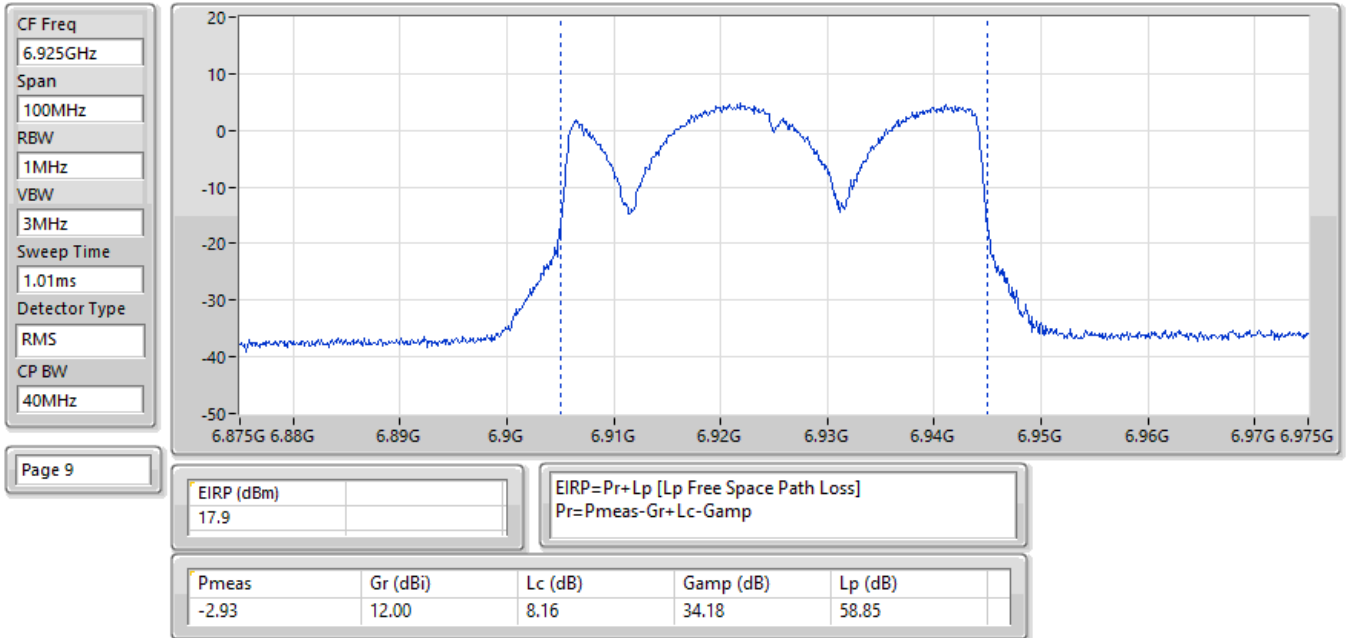
EIRP:Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6685MHz;TX



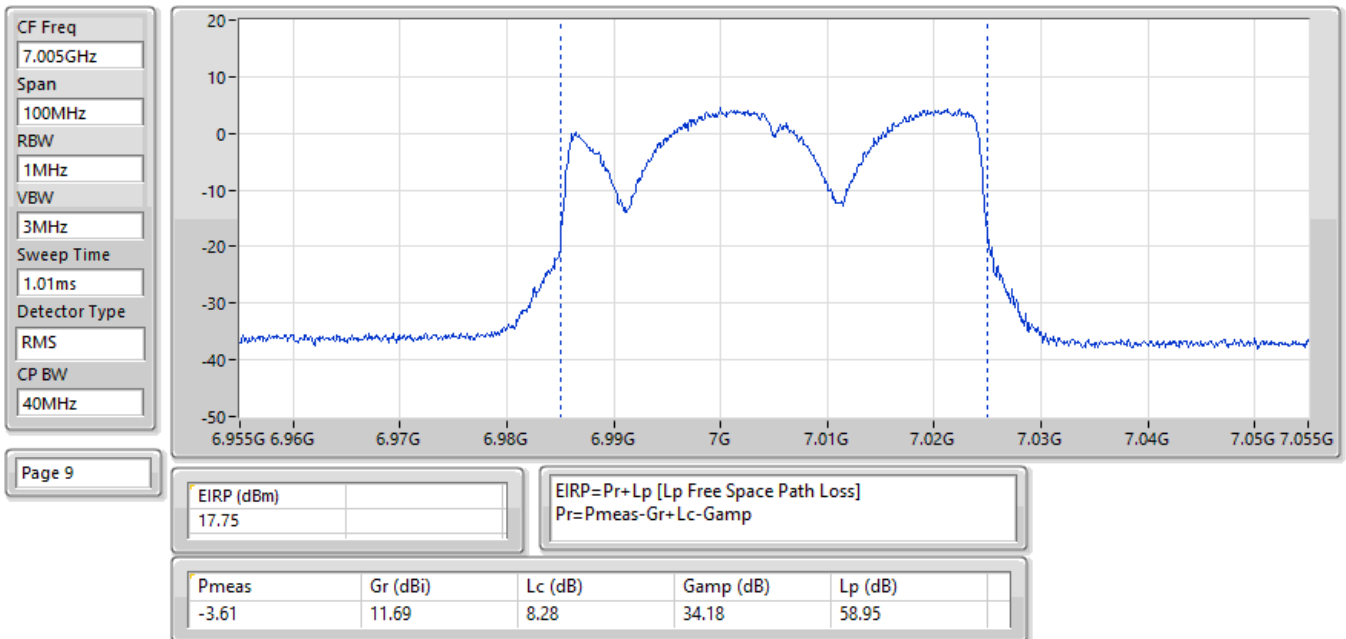
EIRP:Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6885MHz;TX



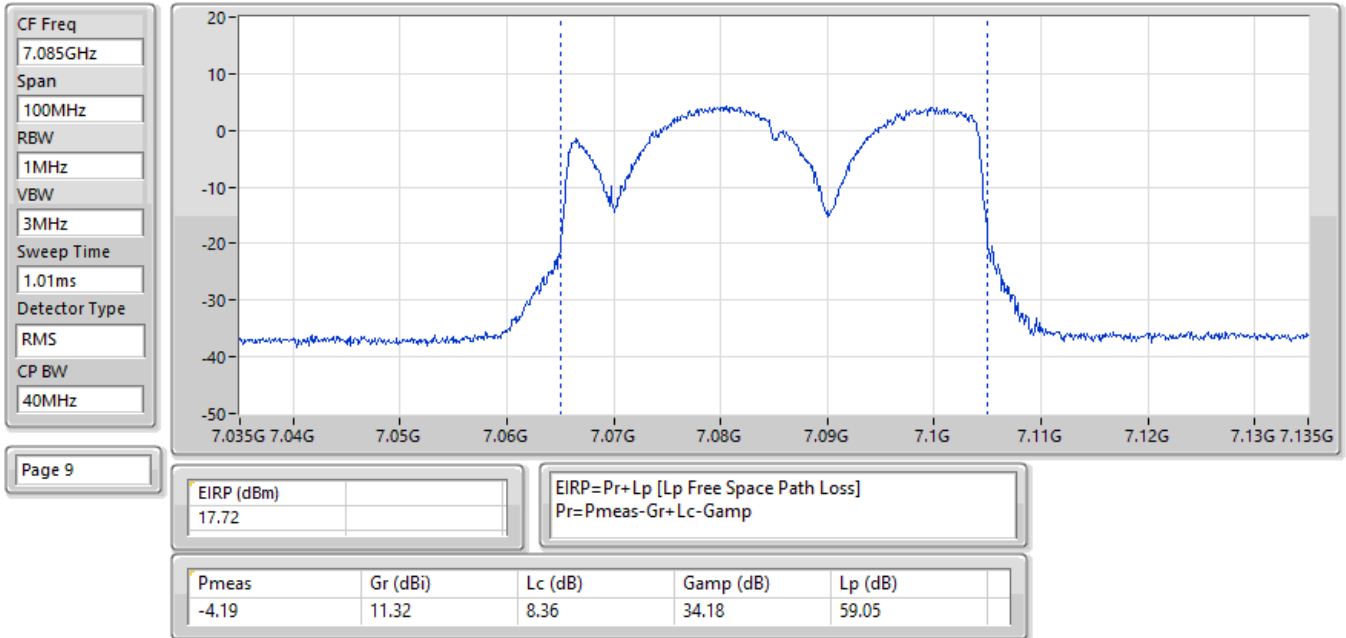
EIRP:Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6925MHz;TX



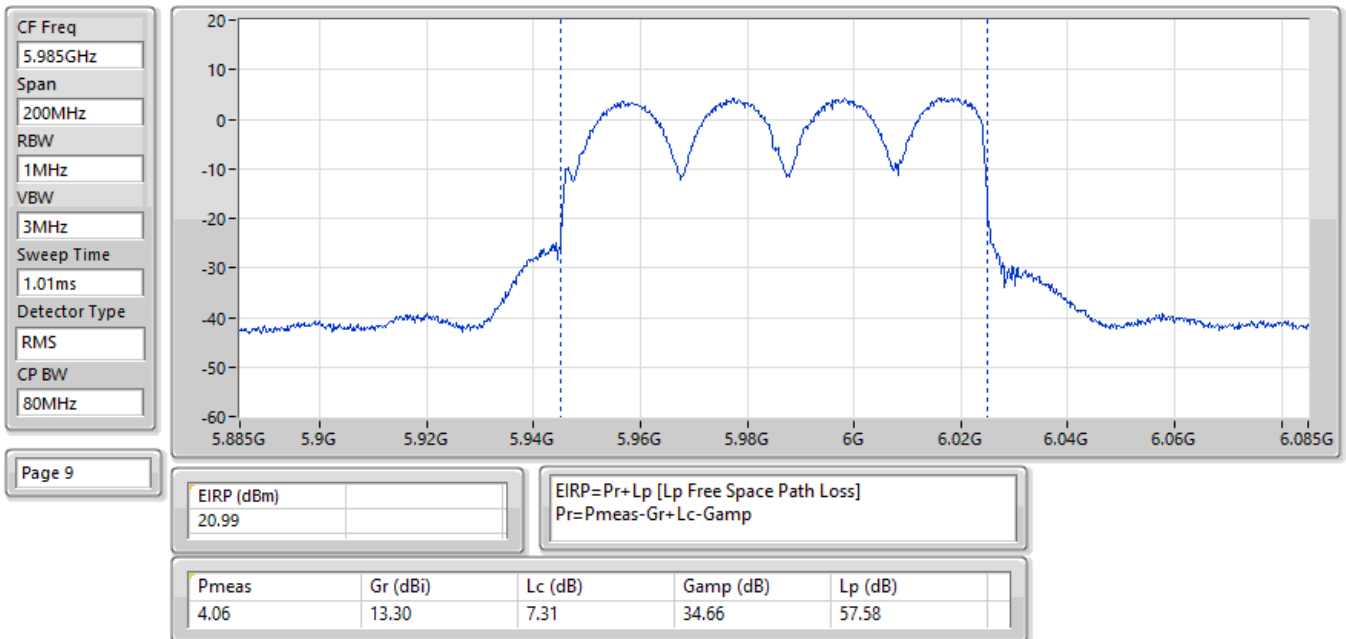
EIRP:Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:7005MHz;TX



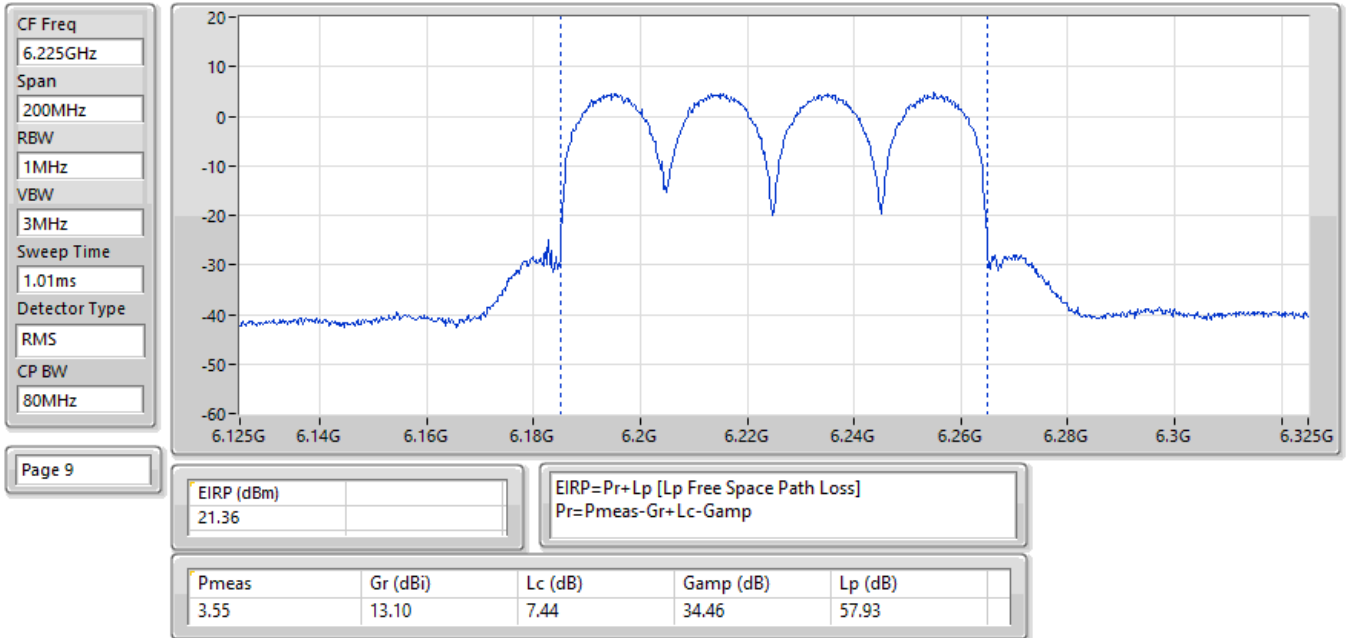
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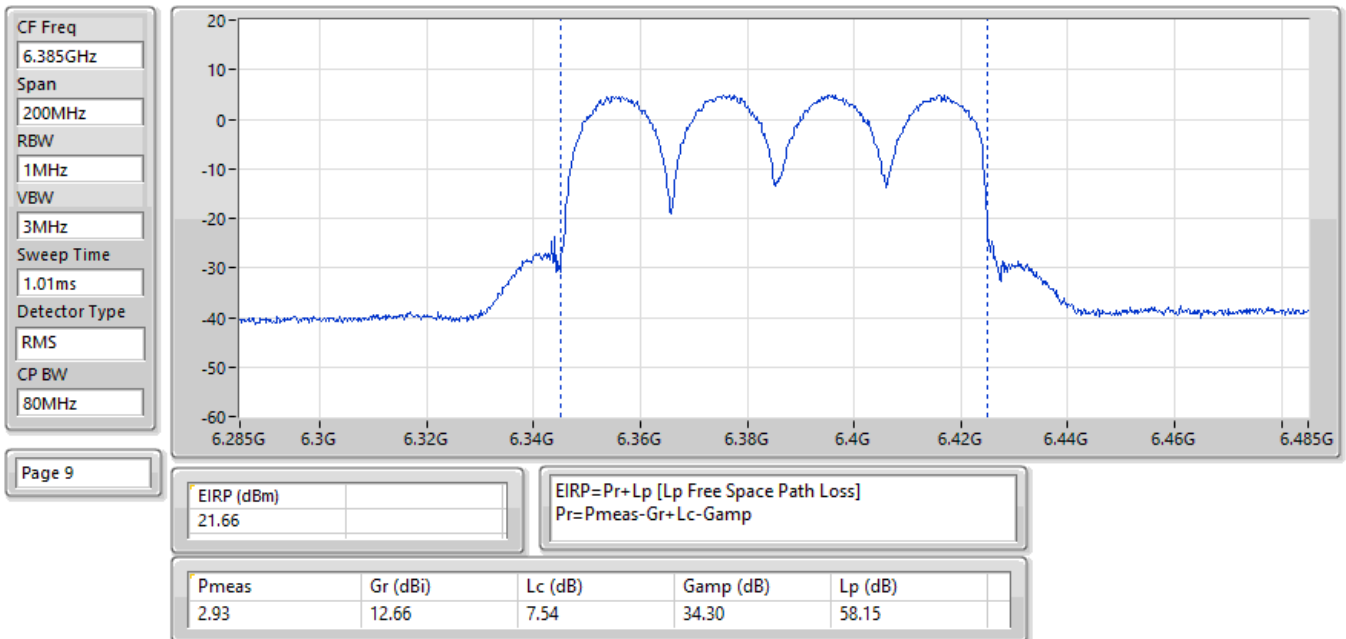
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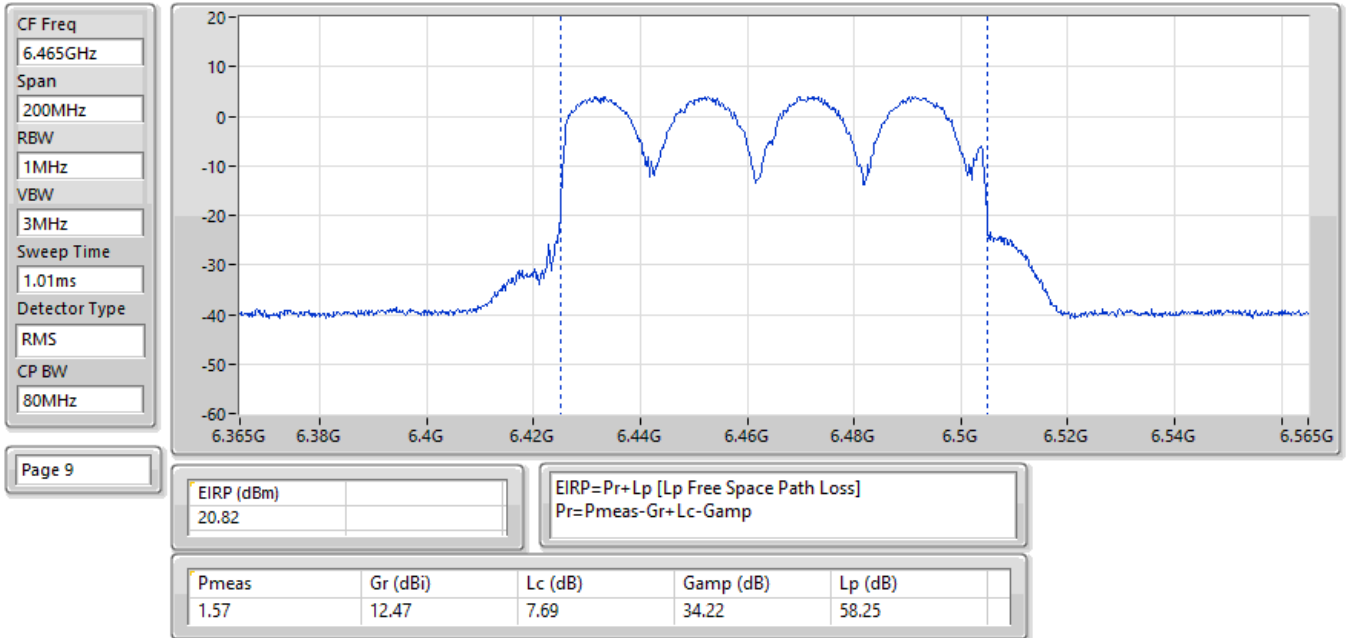
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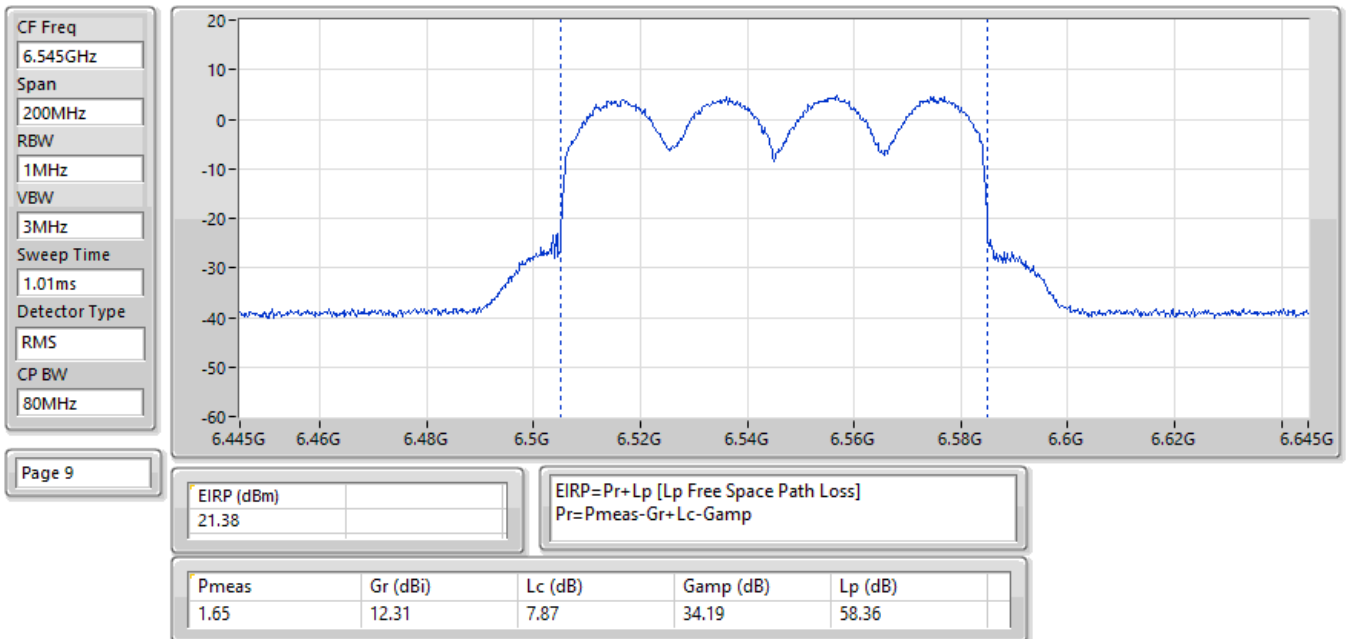
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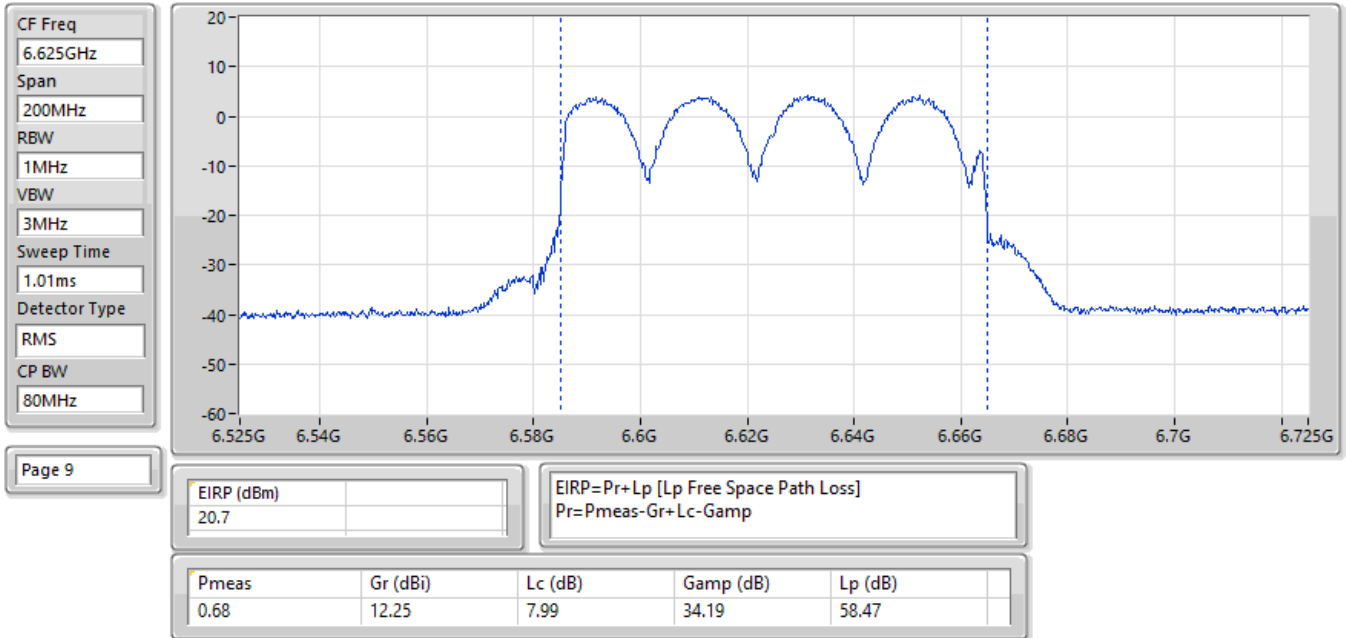
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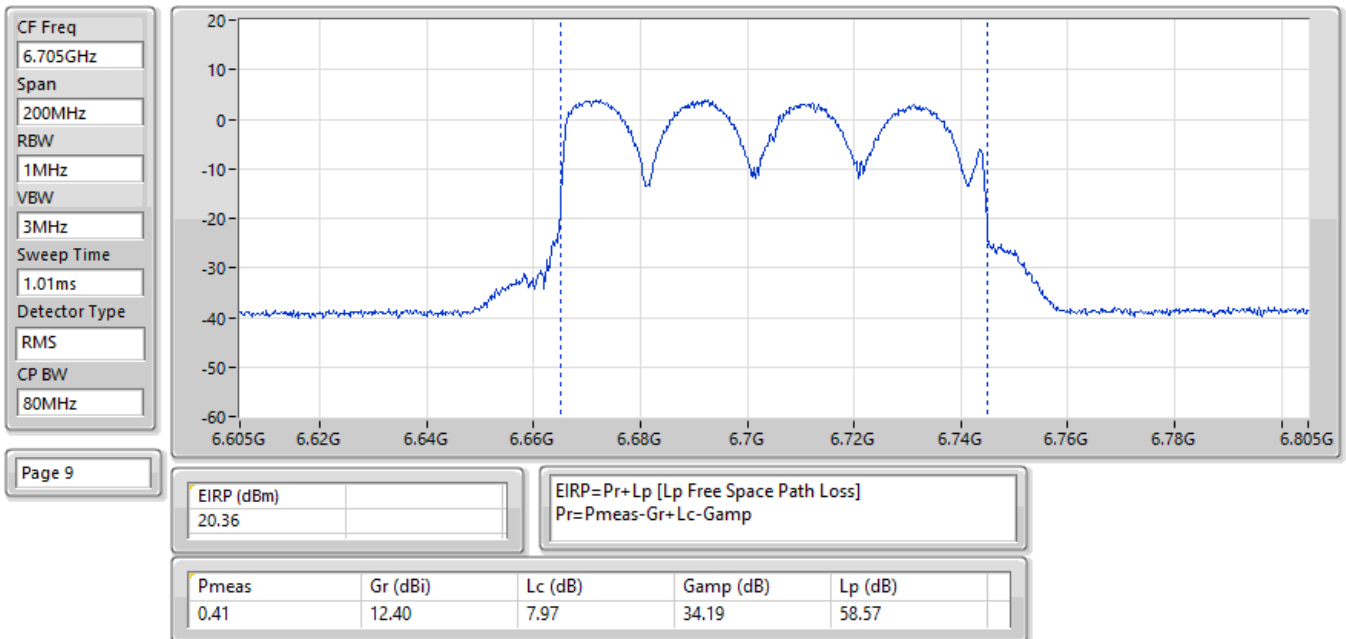
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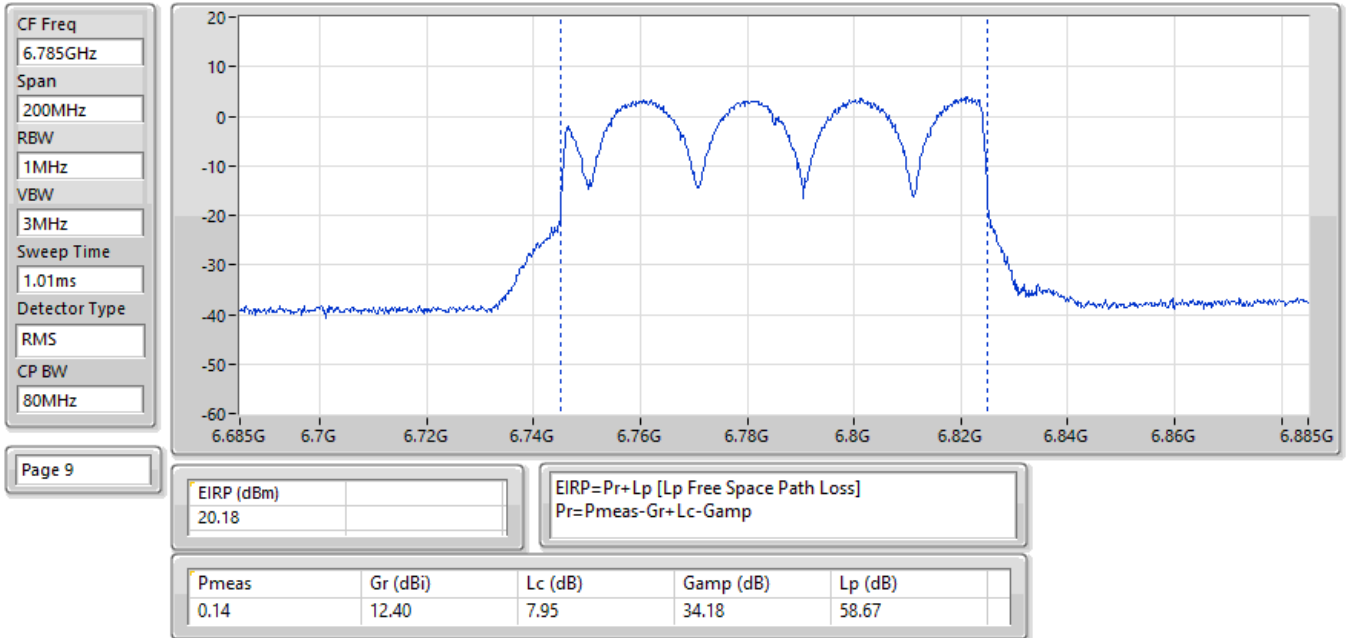
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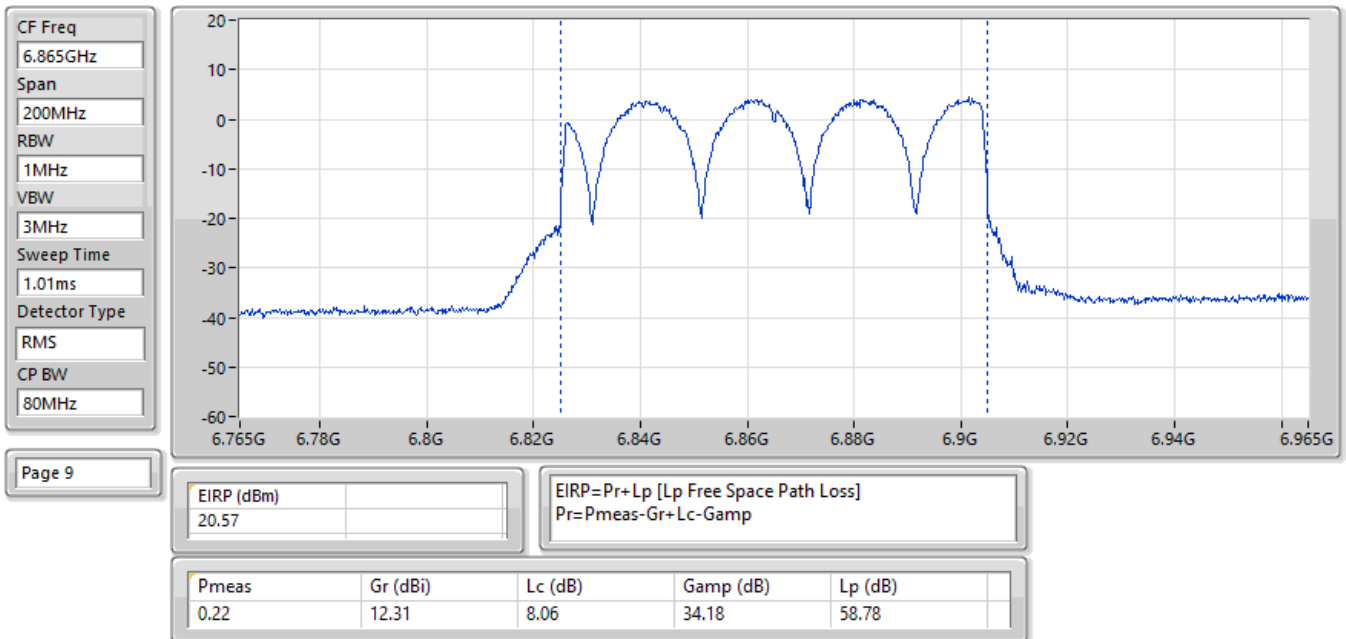
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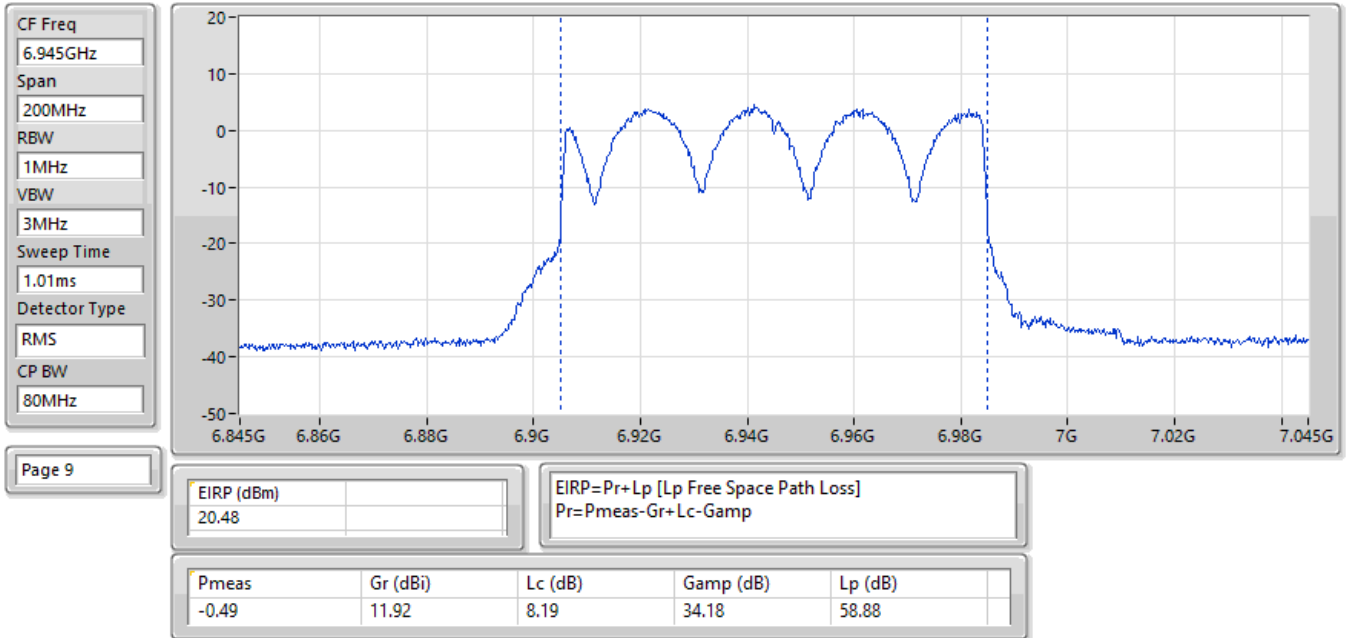
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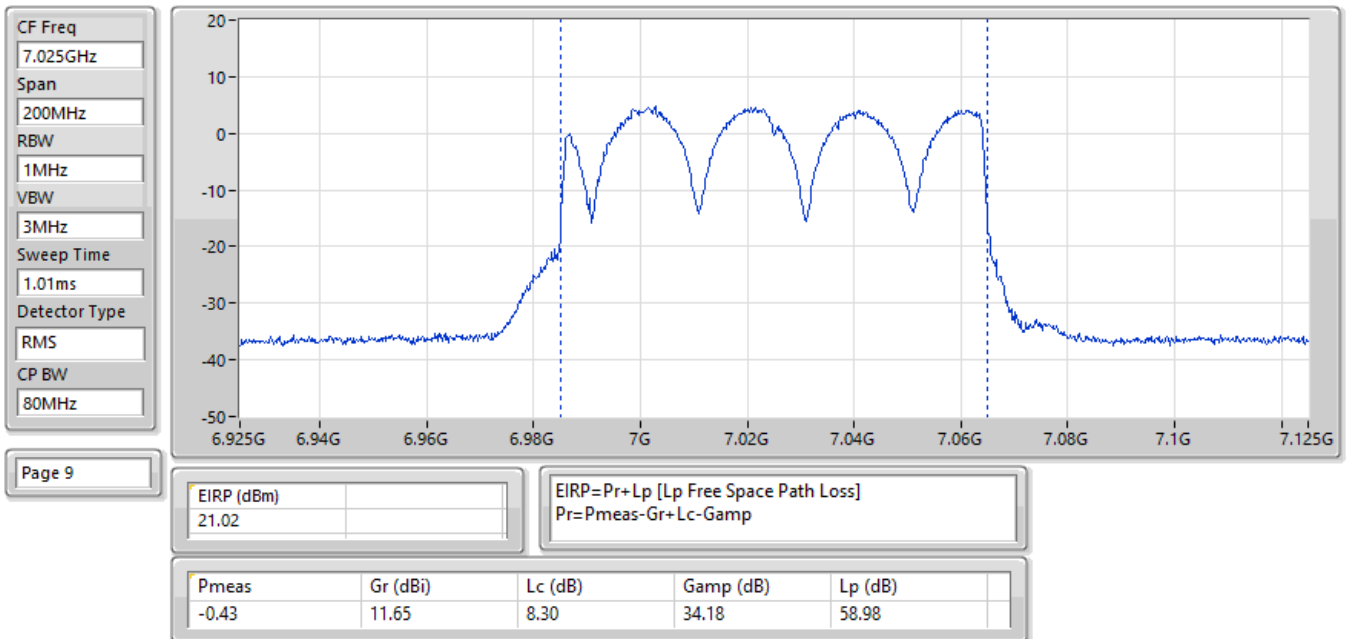
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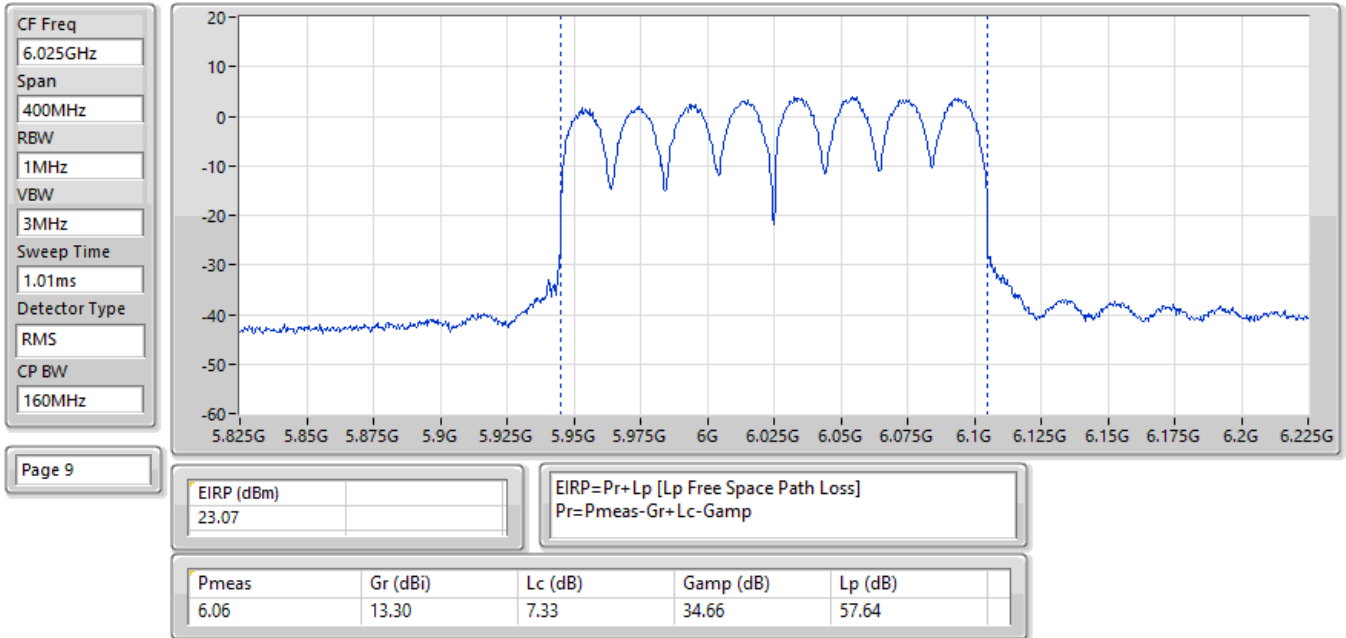
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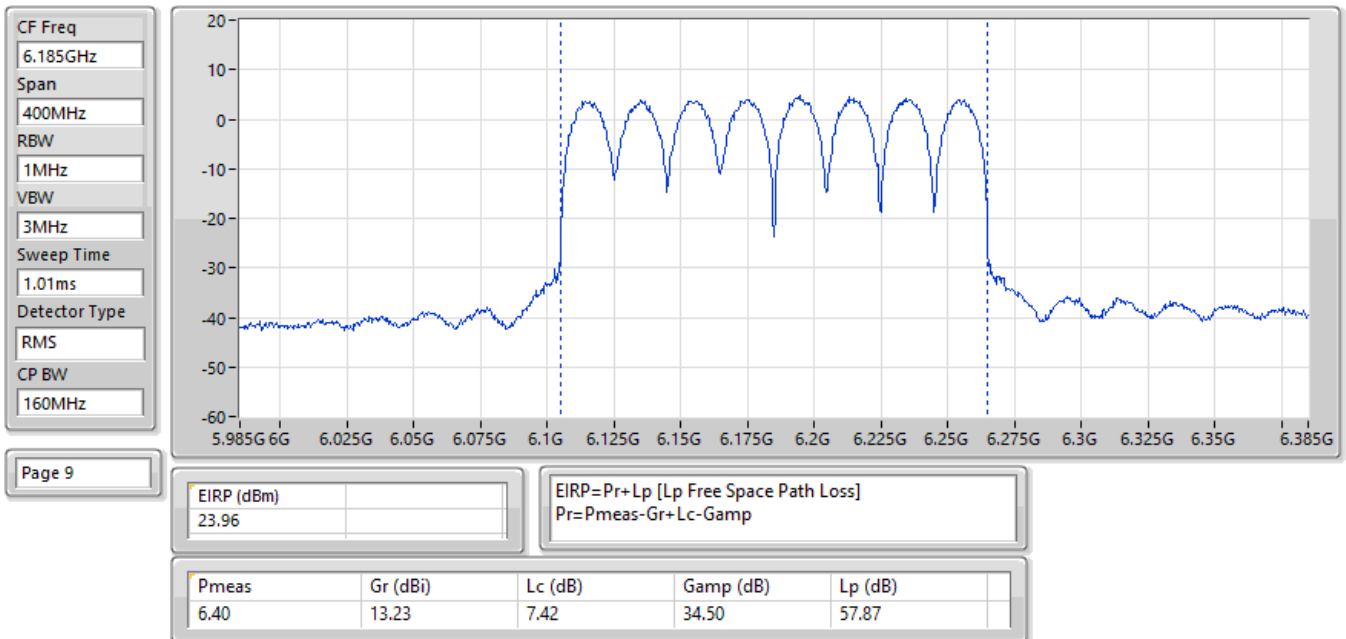
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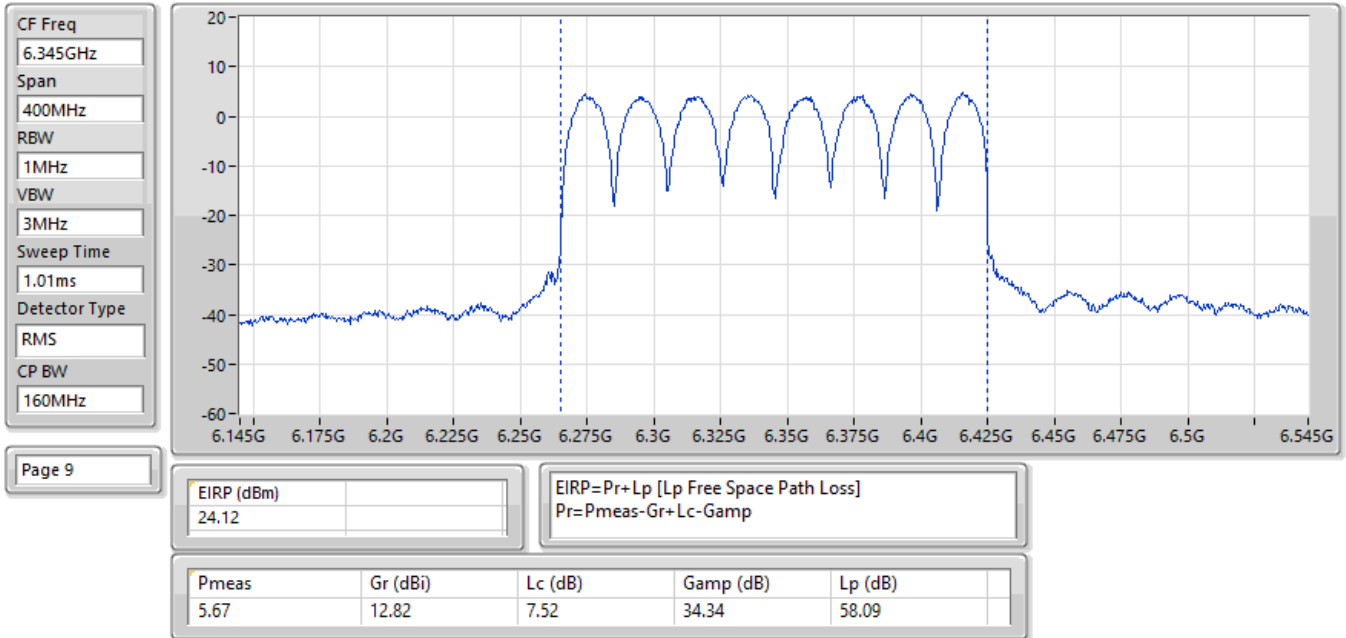
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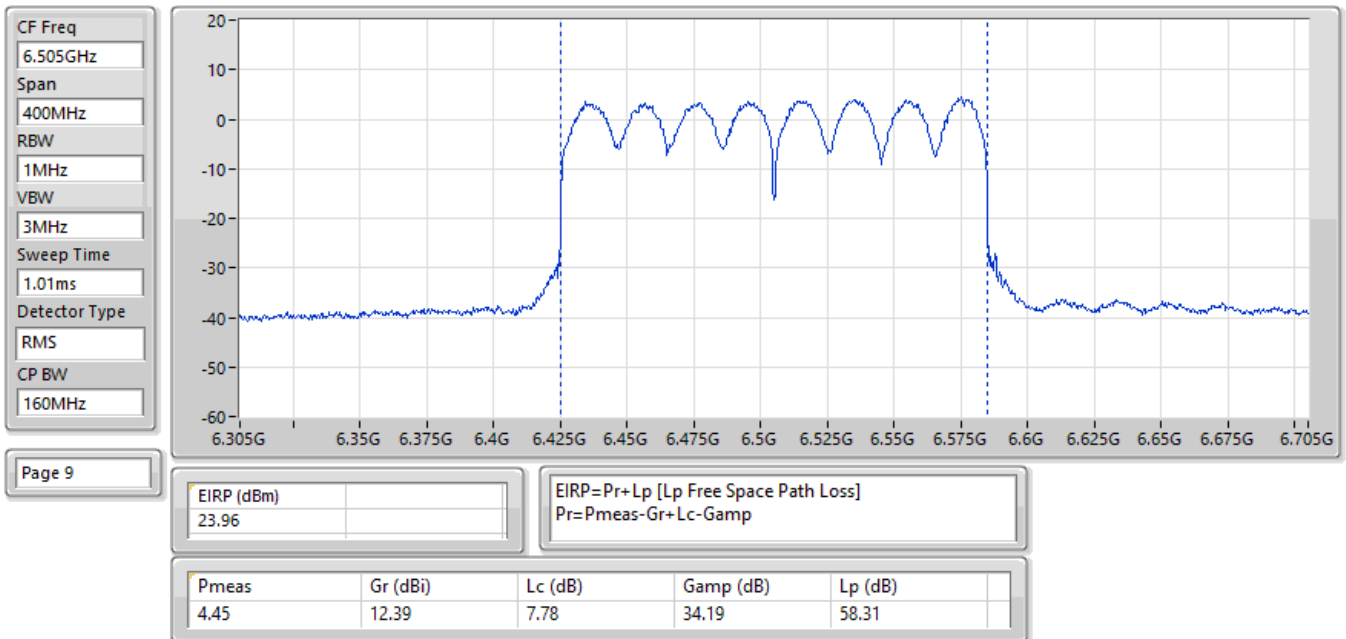
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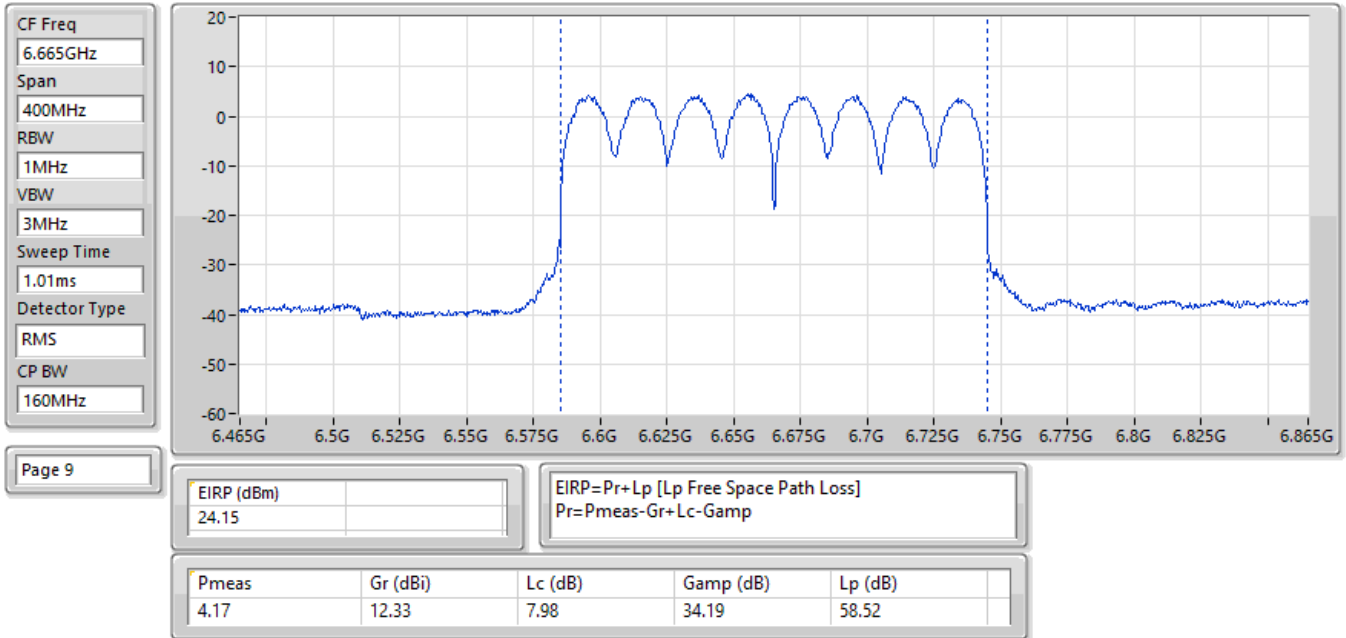
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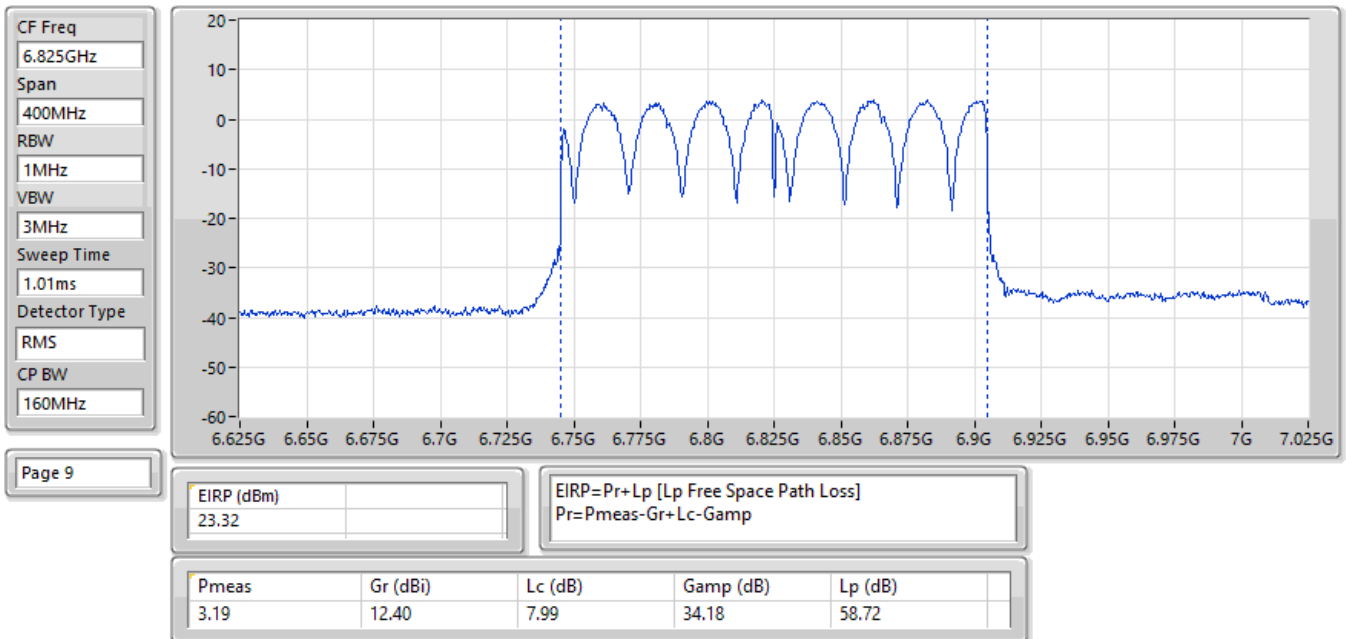
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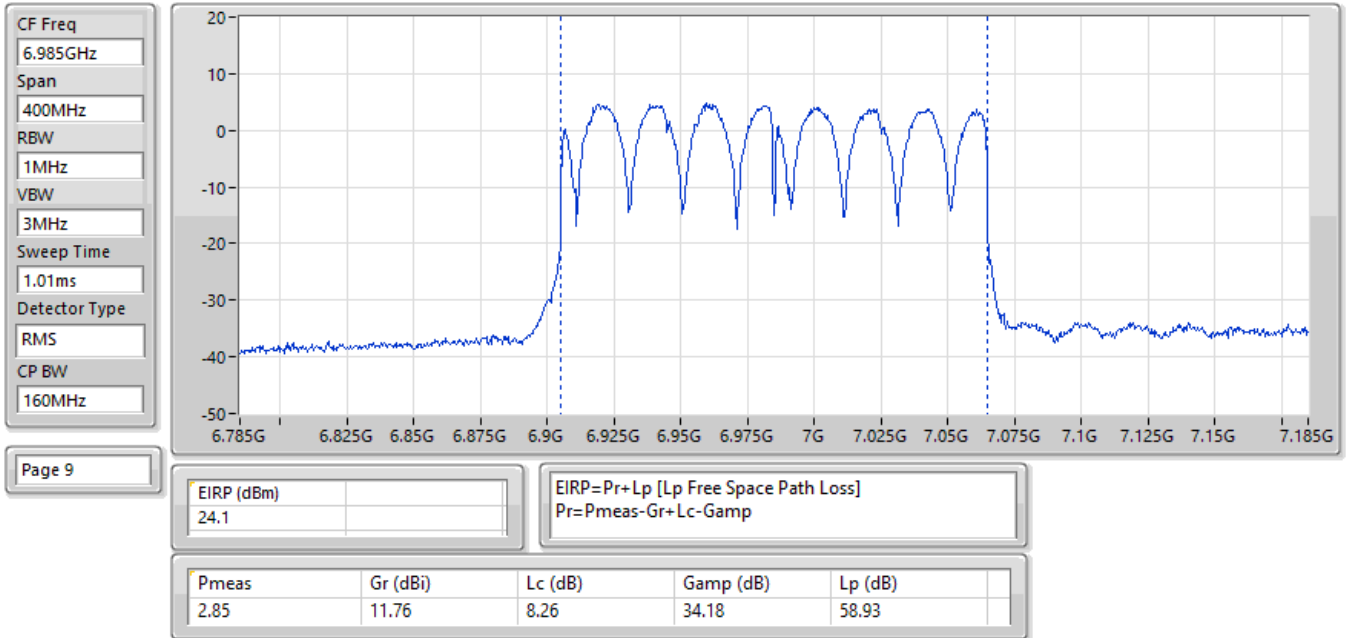
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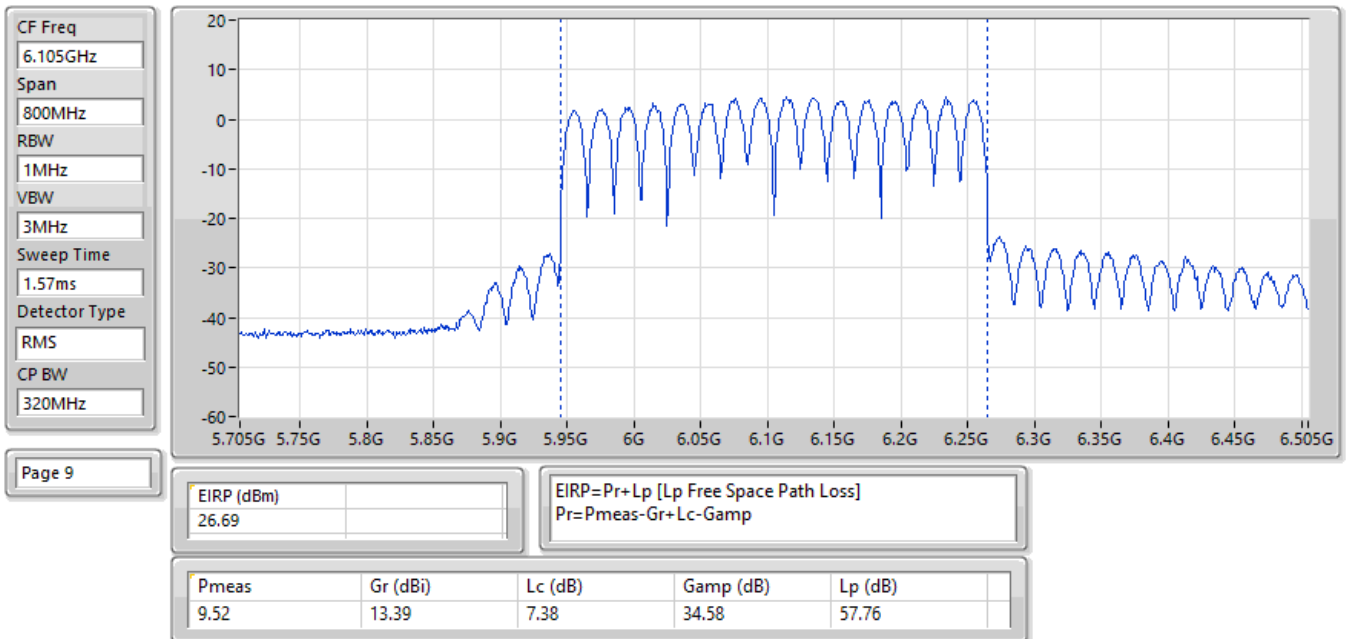
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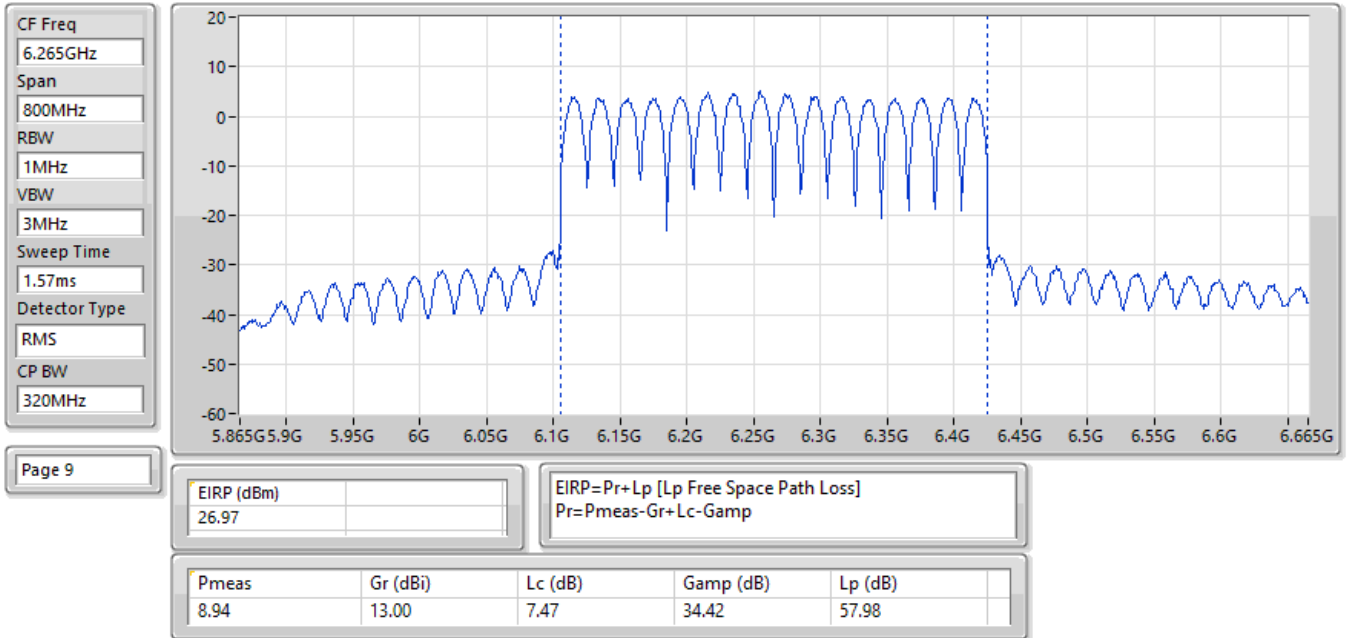
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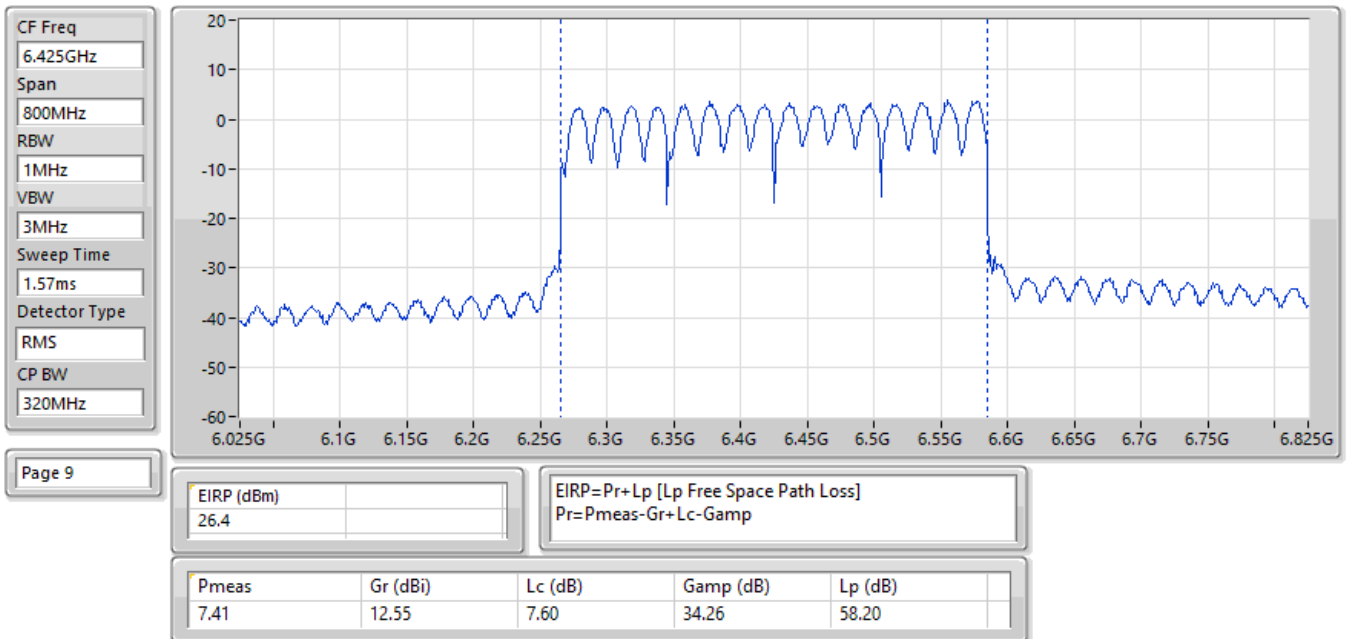
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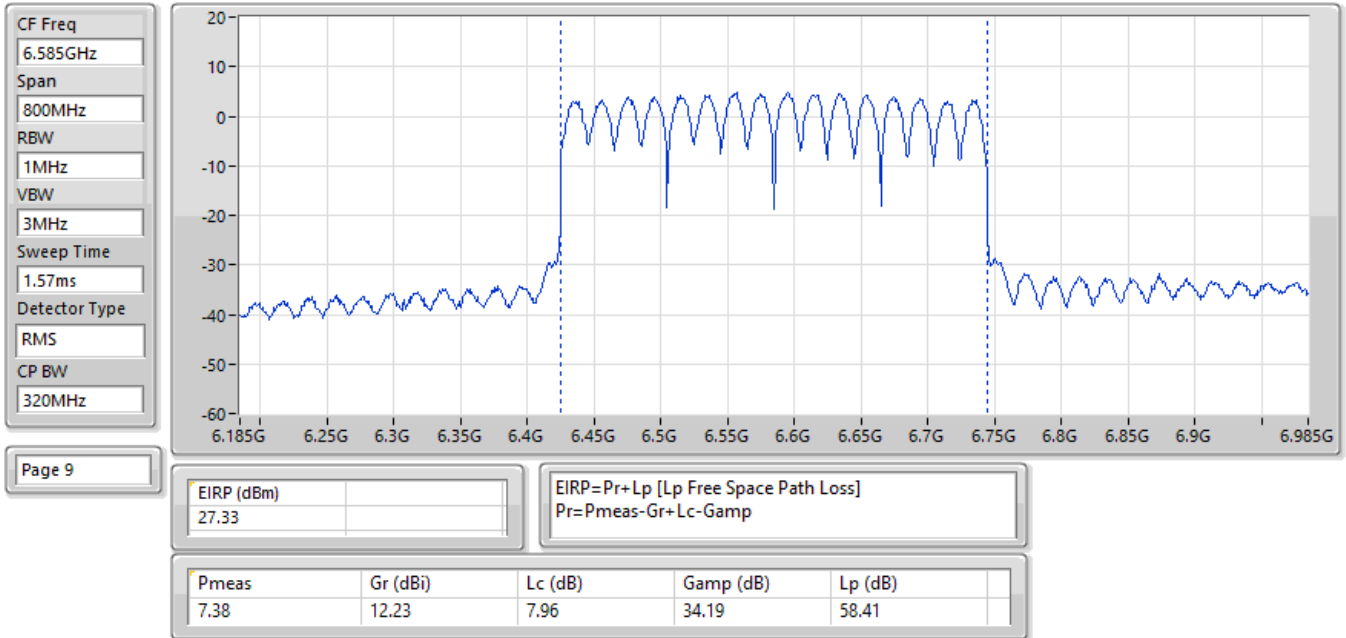
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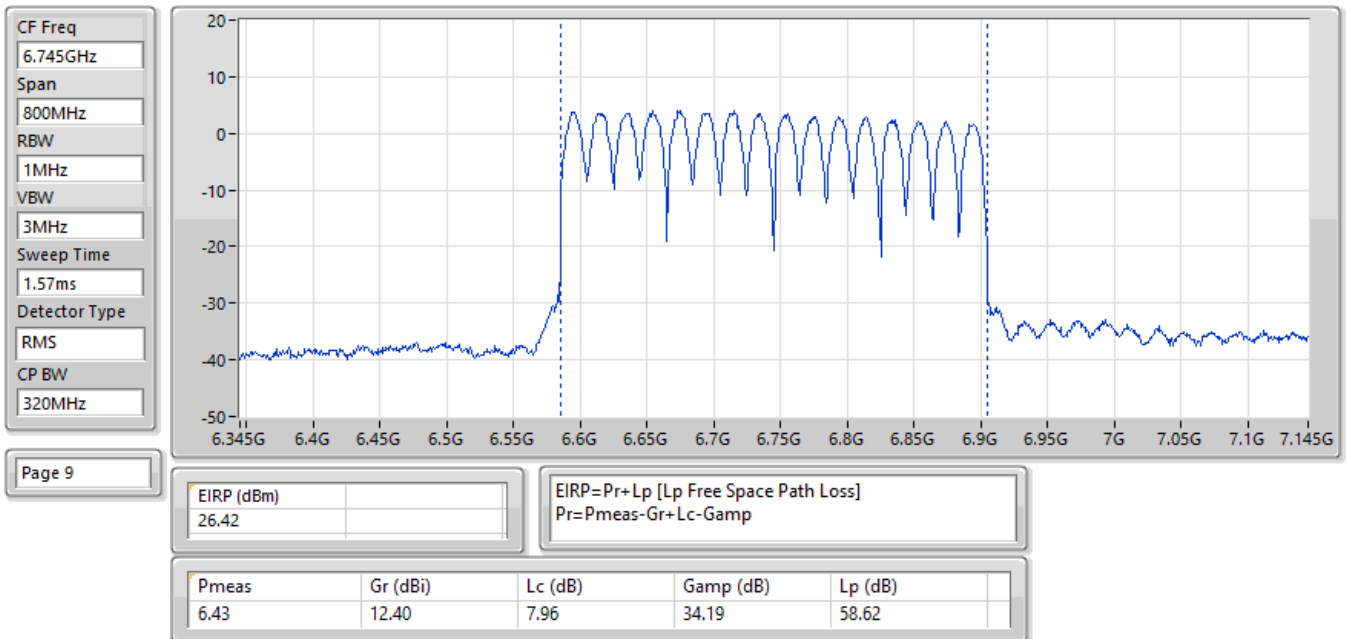
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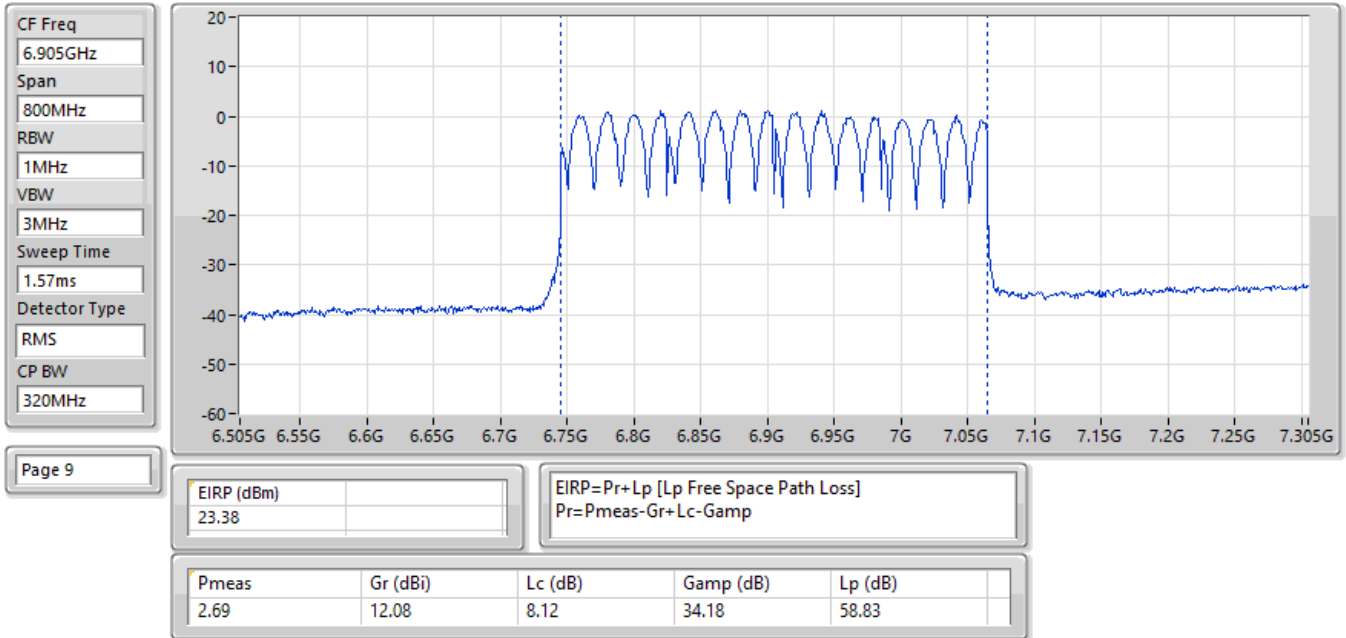
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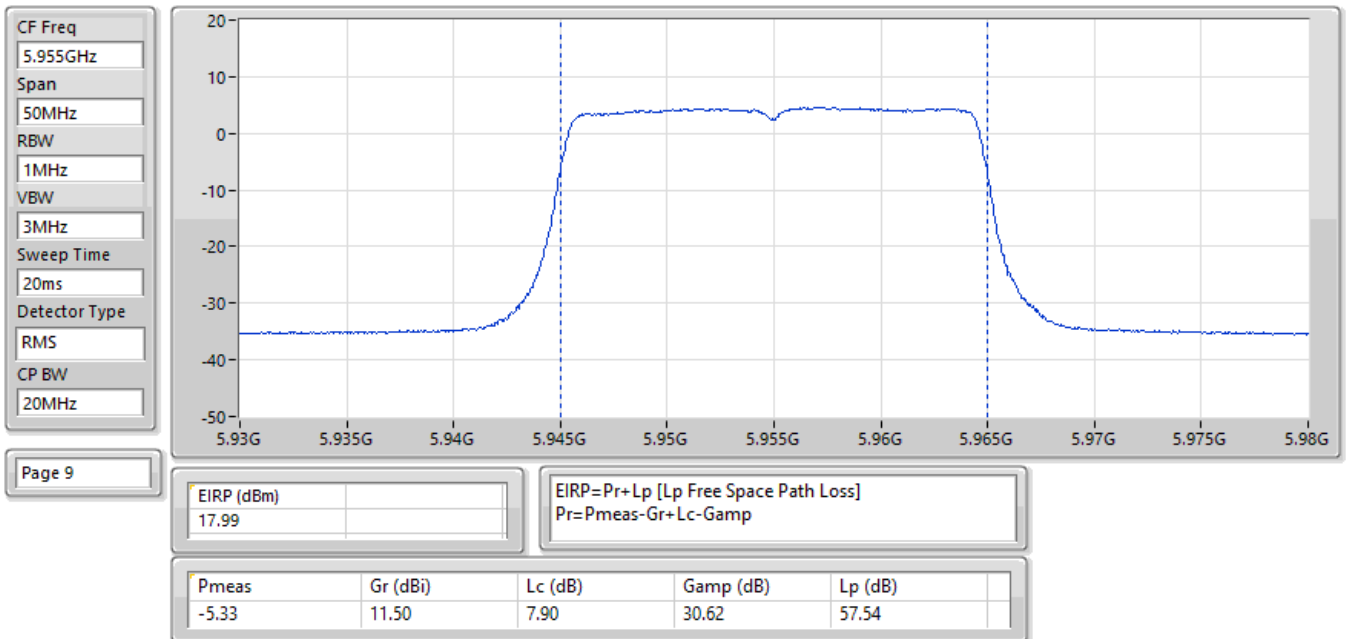
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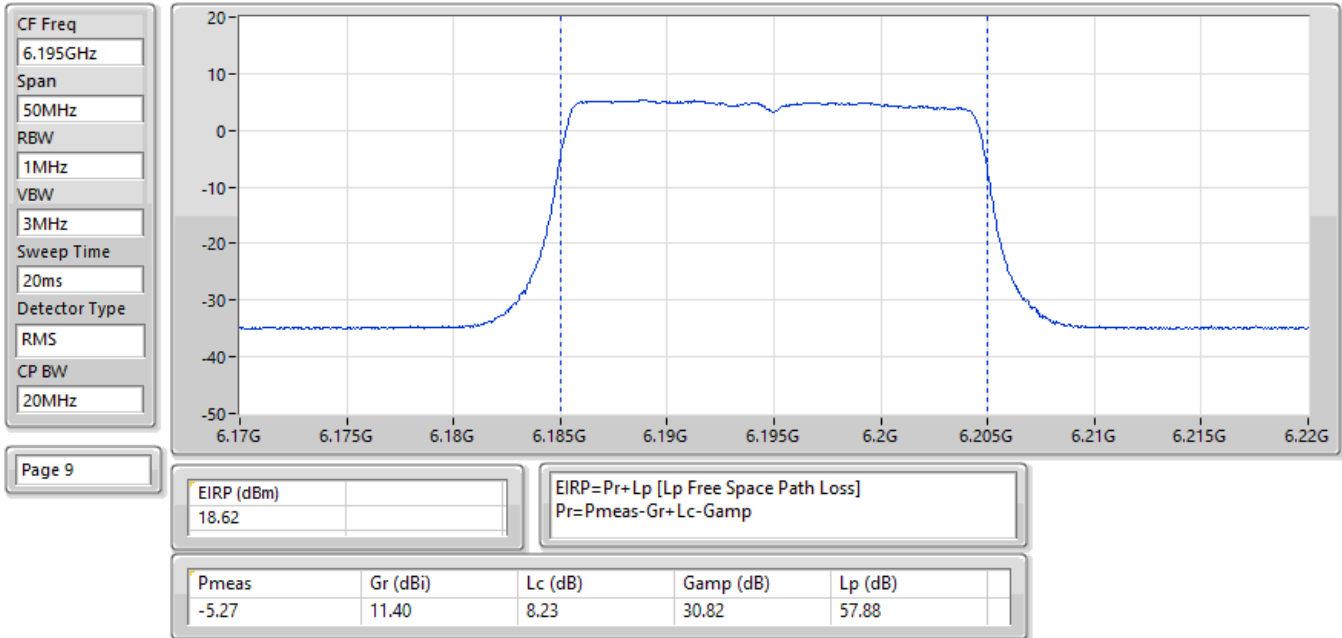
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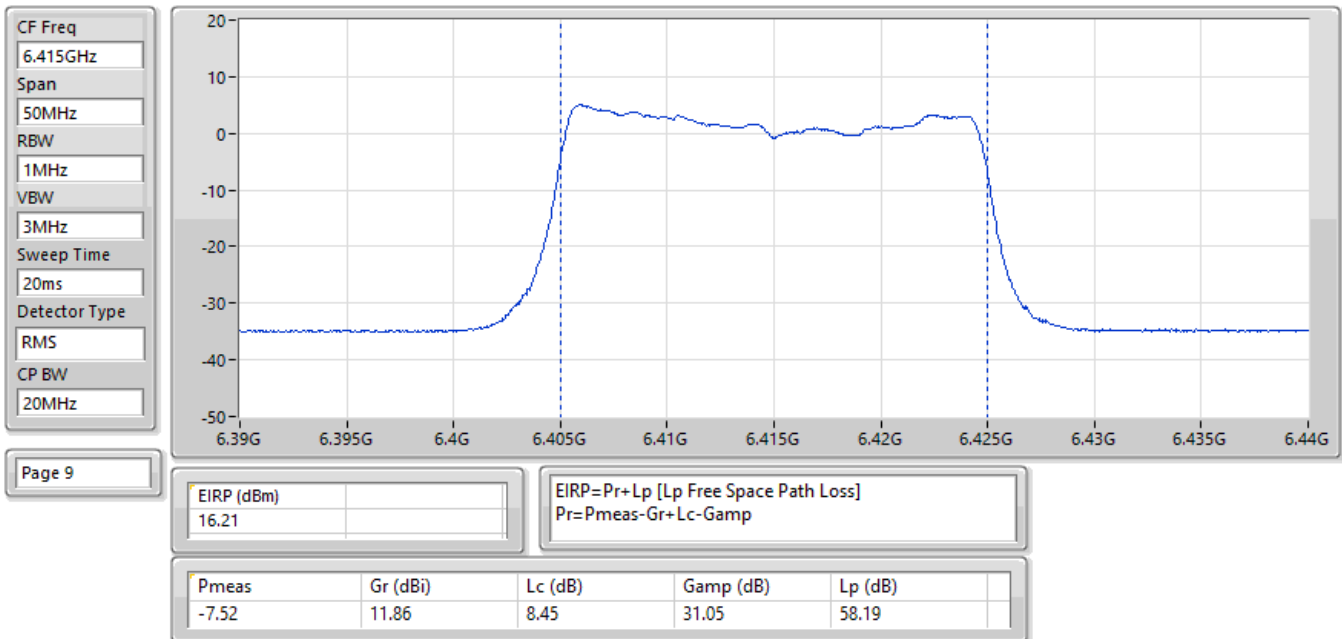
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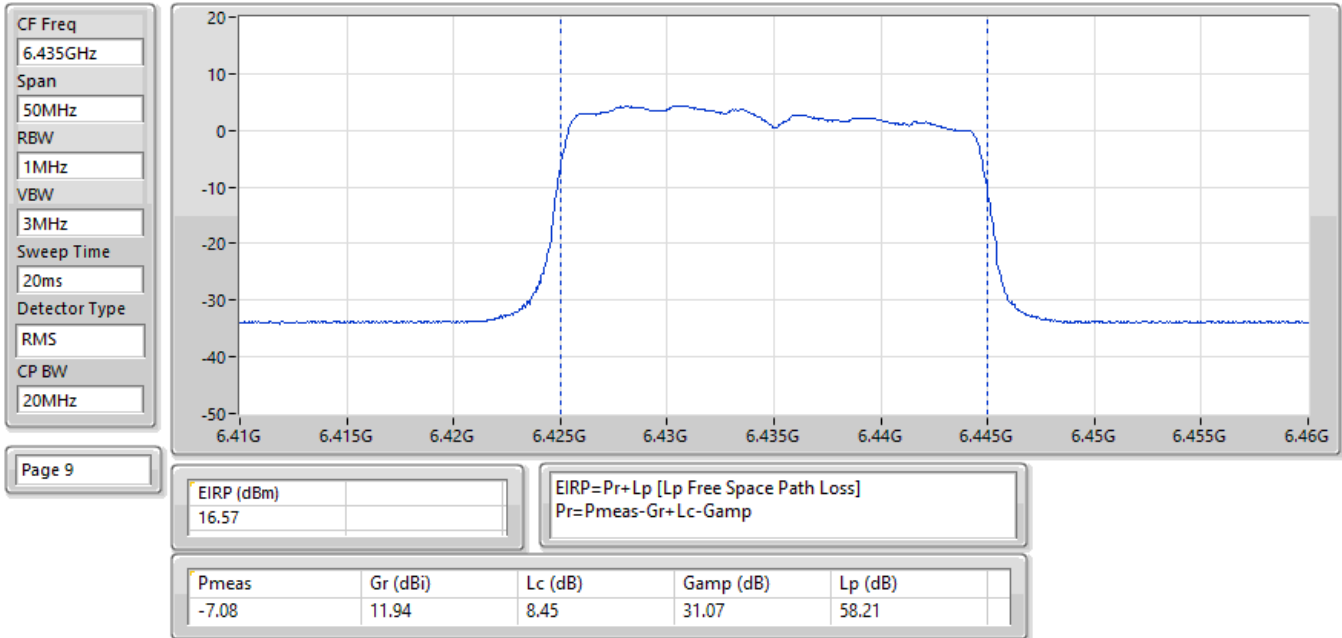
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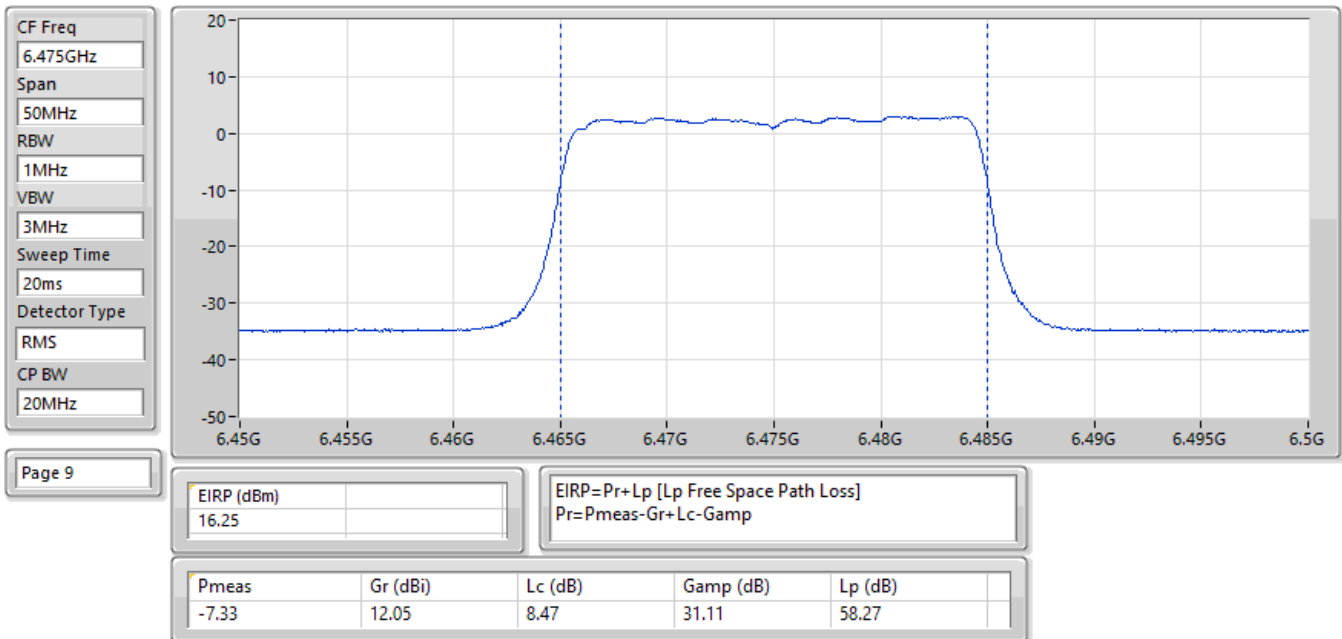
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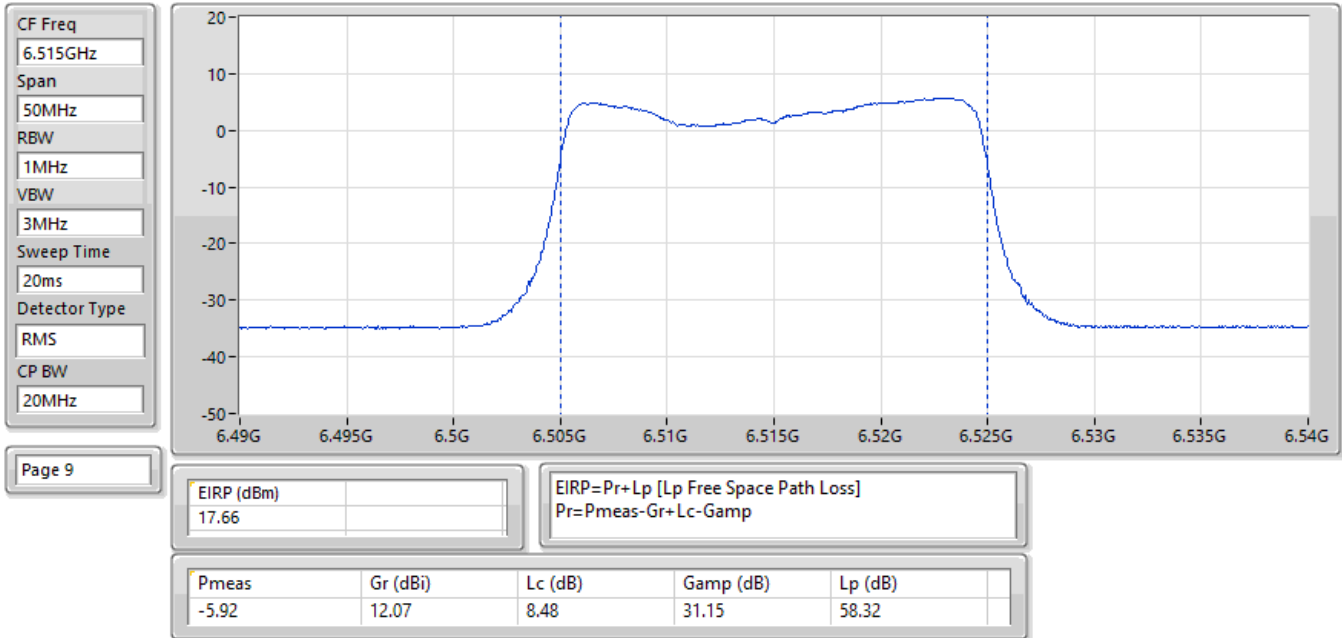
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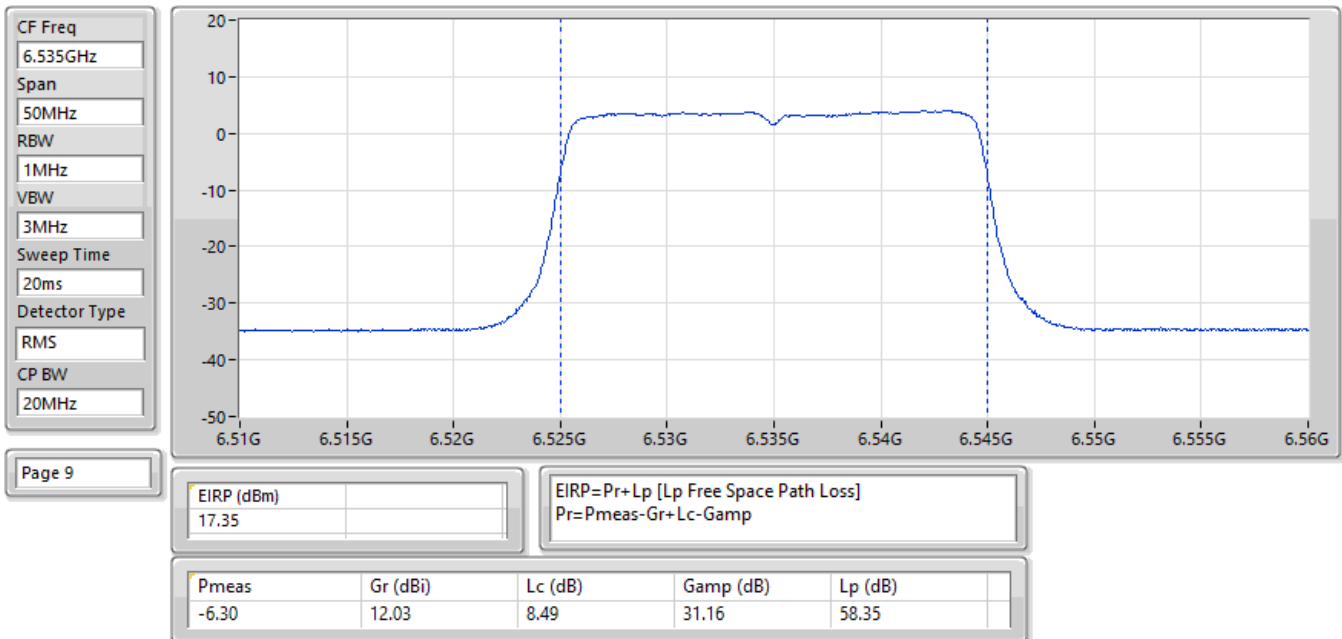
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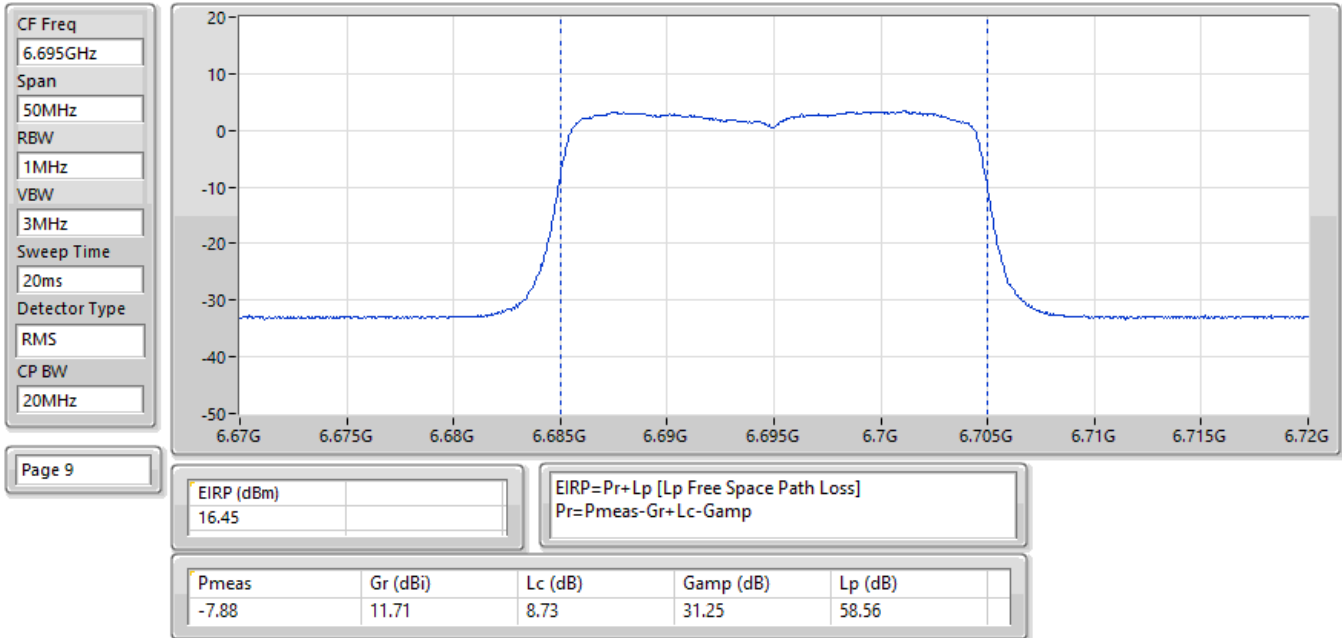
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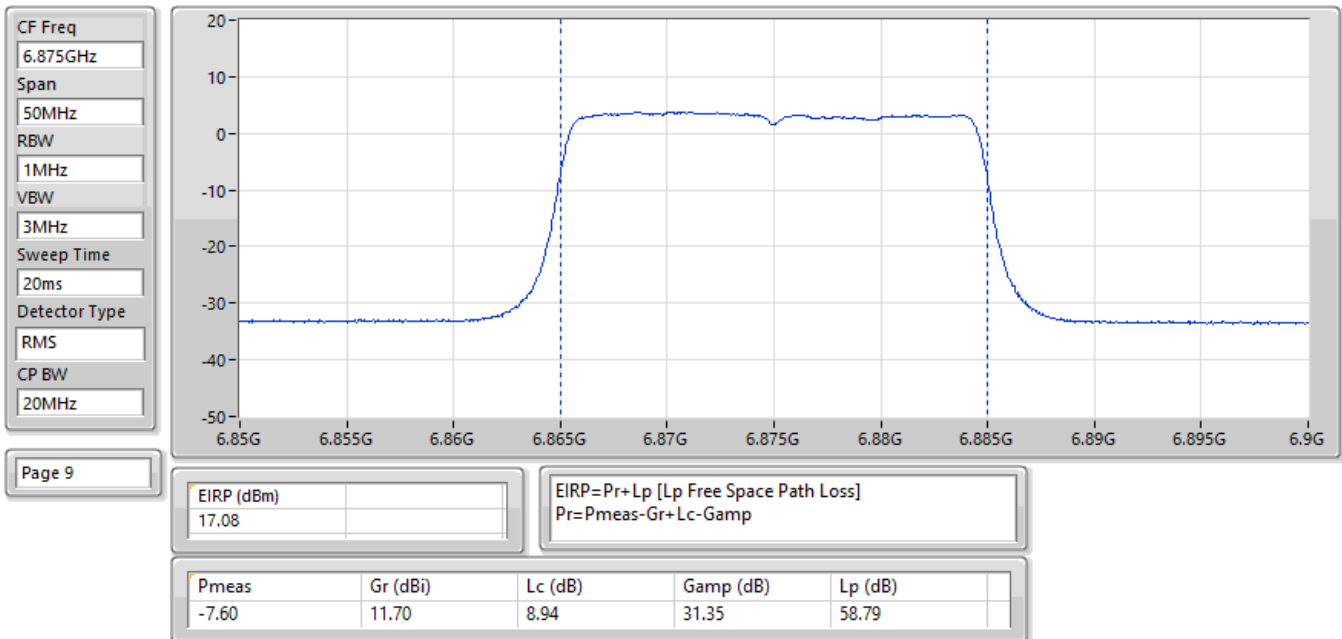
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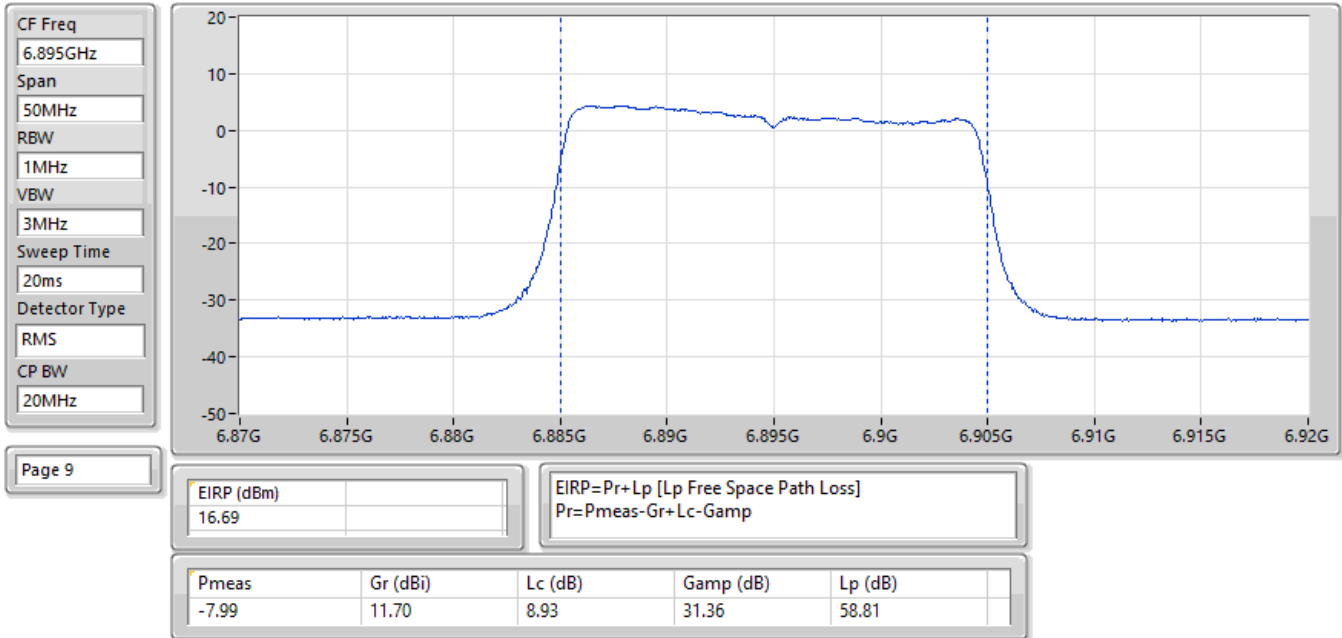
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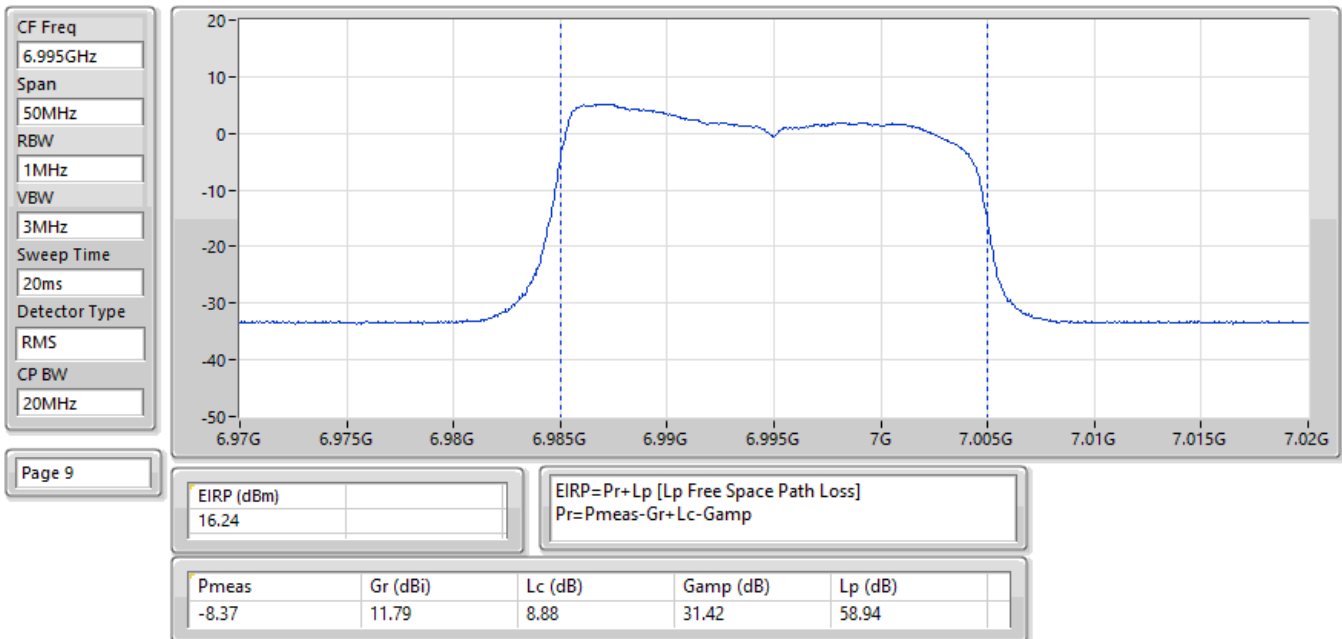
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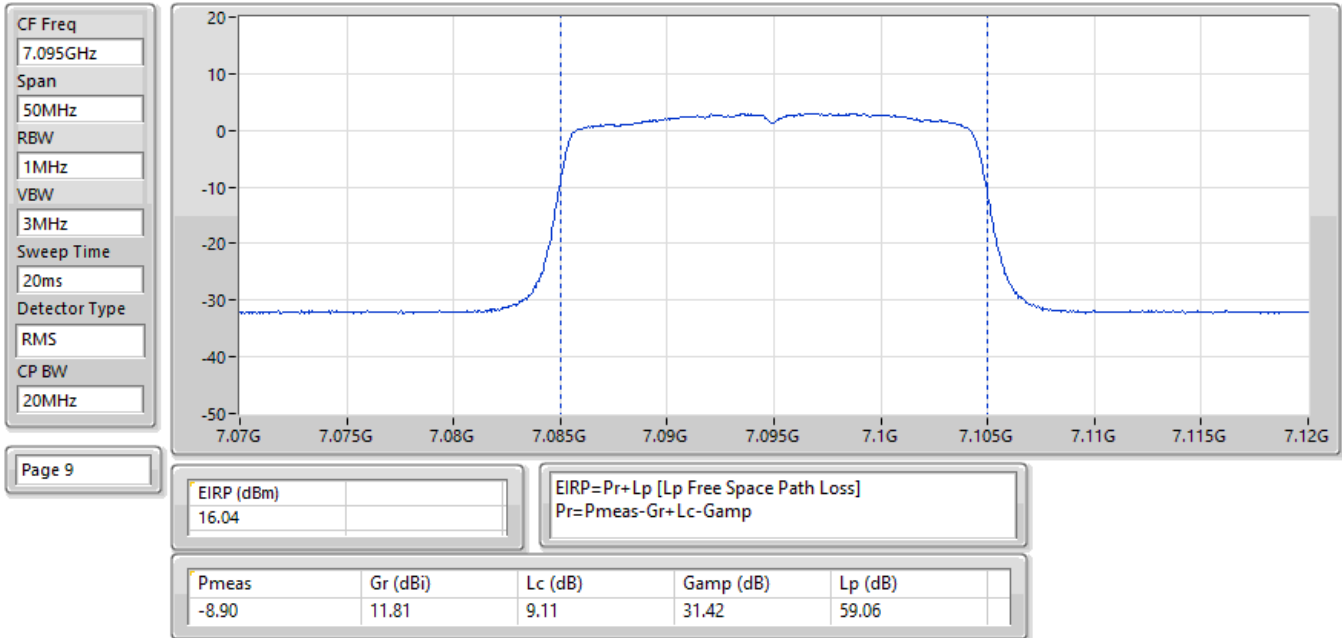
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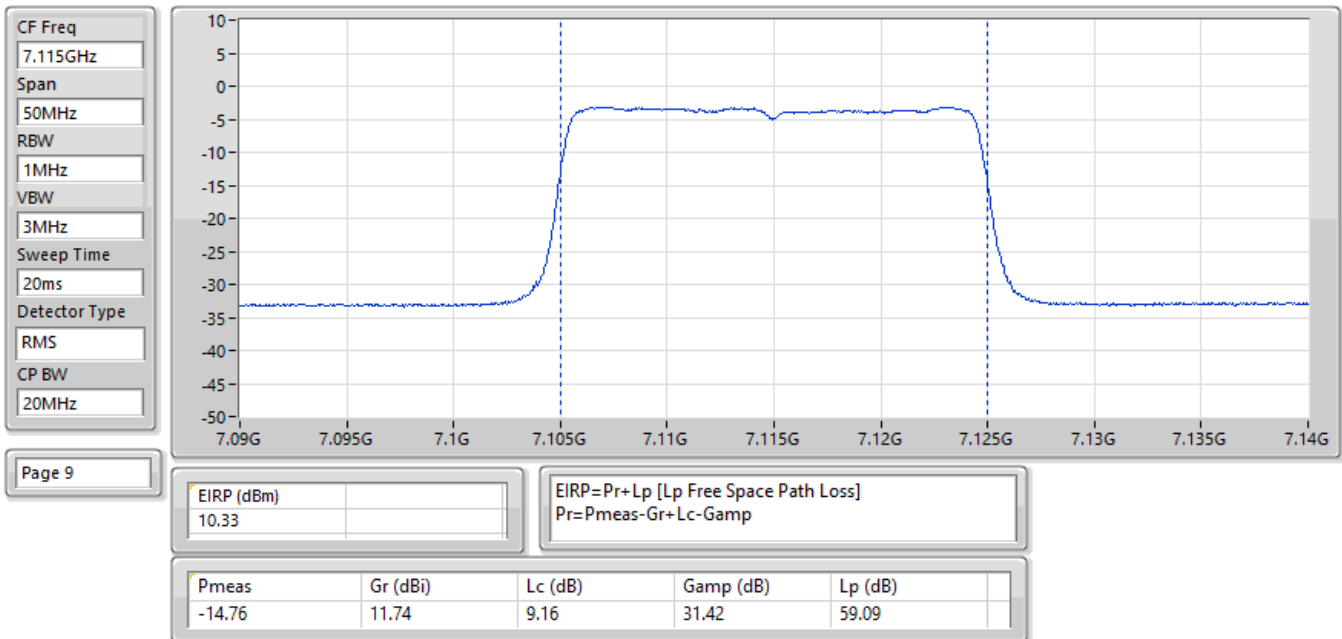
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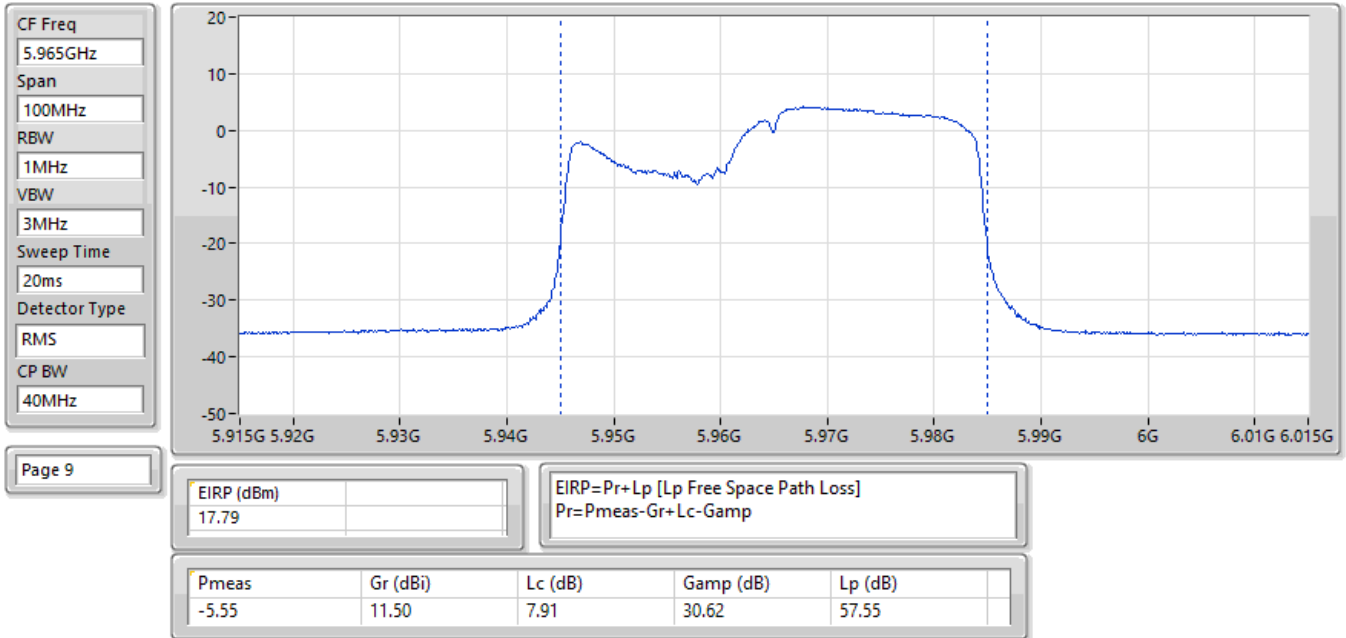
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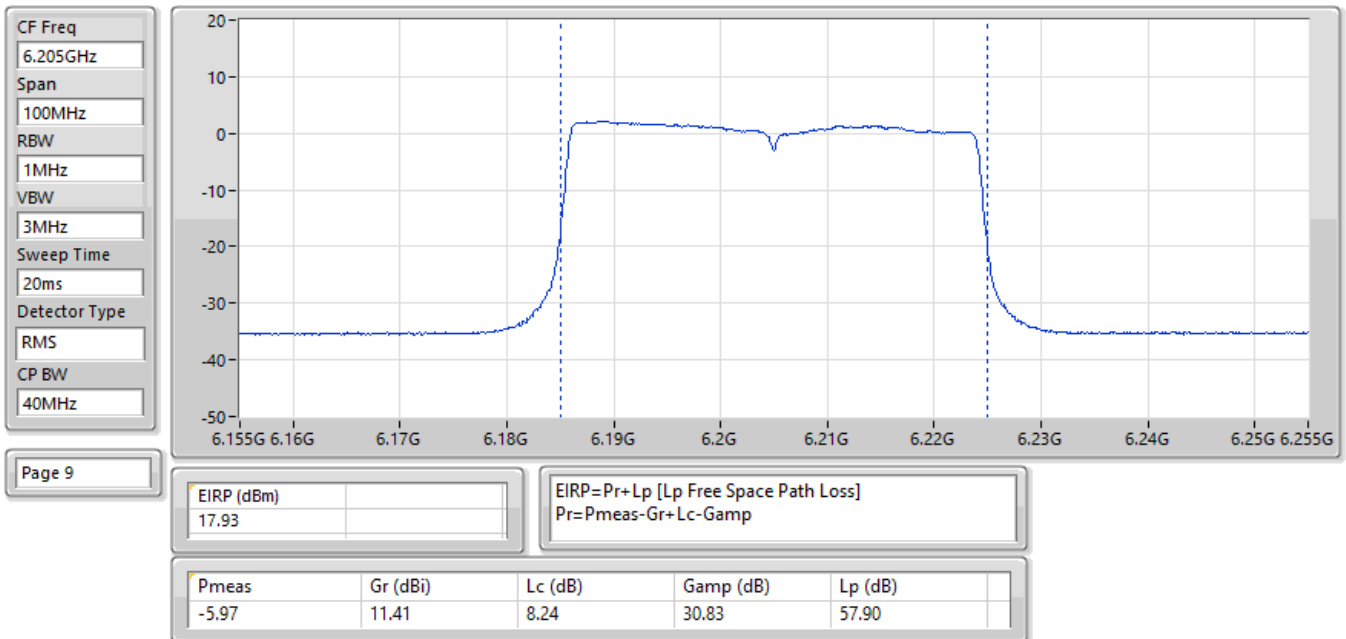
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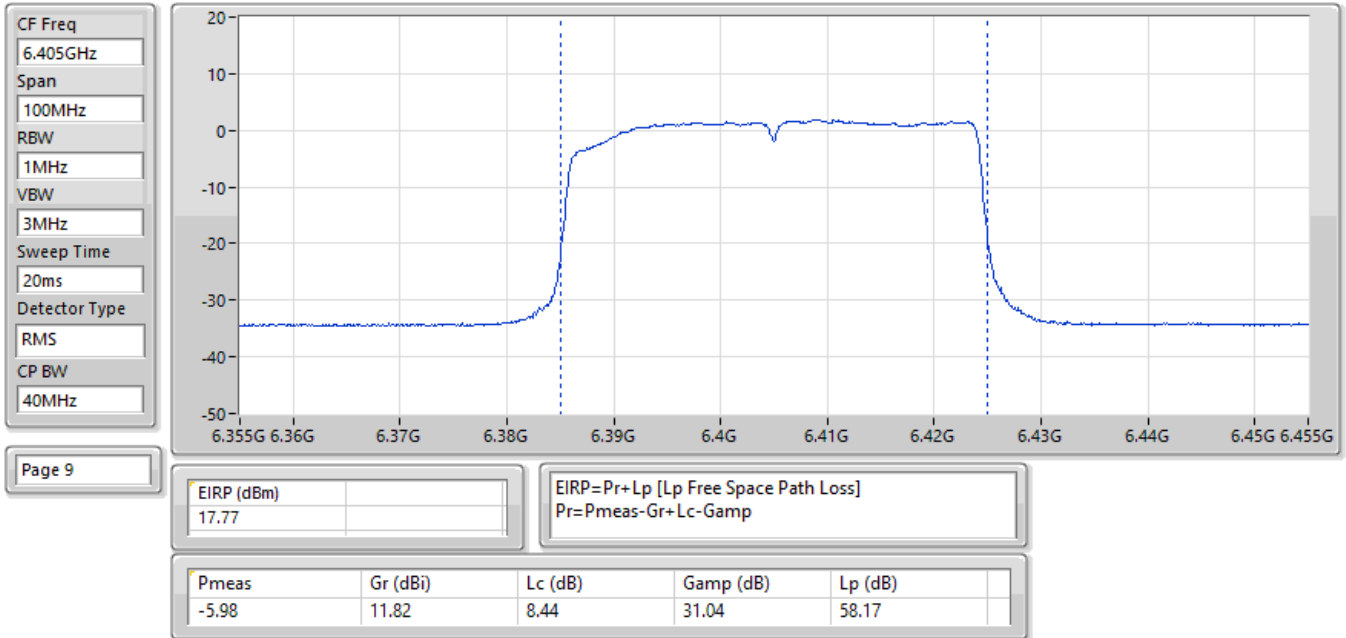
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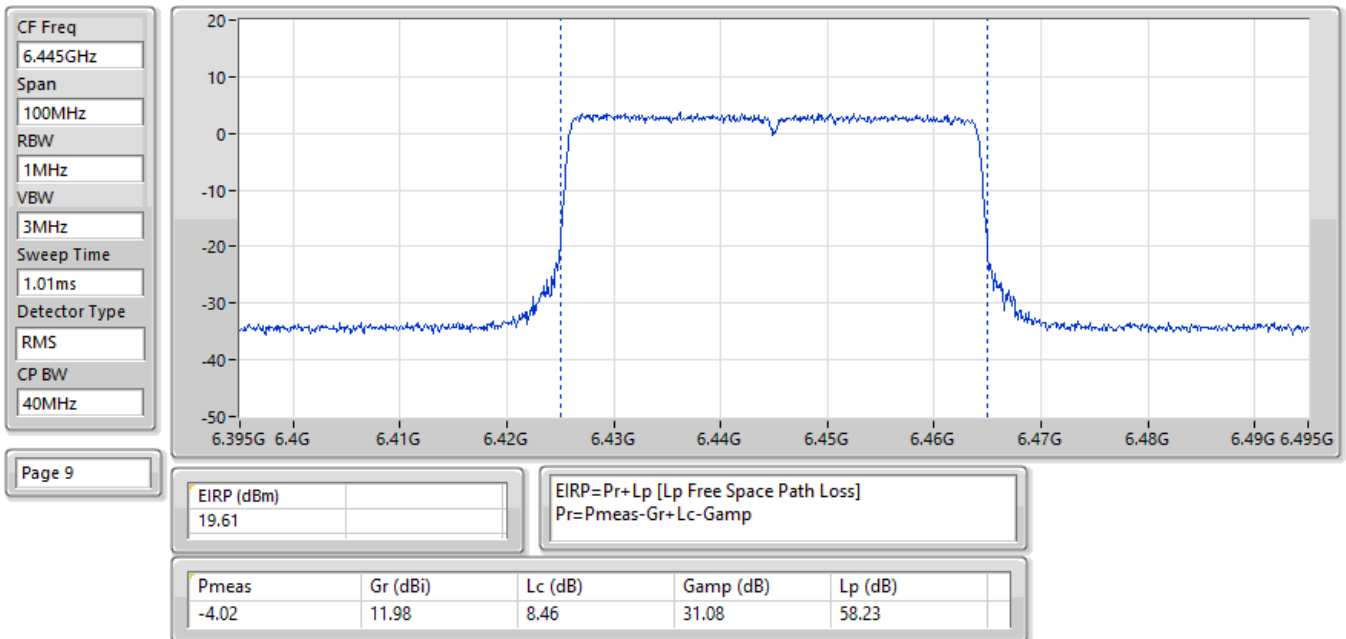
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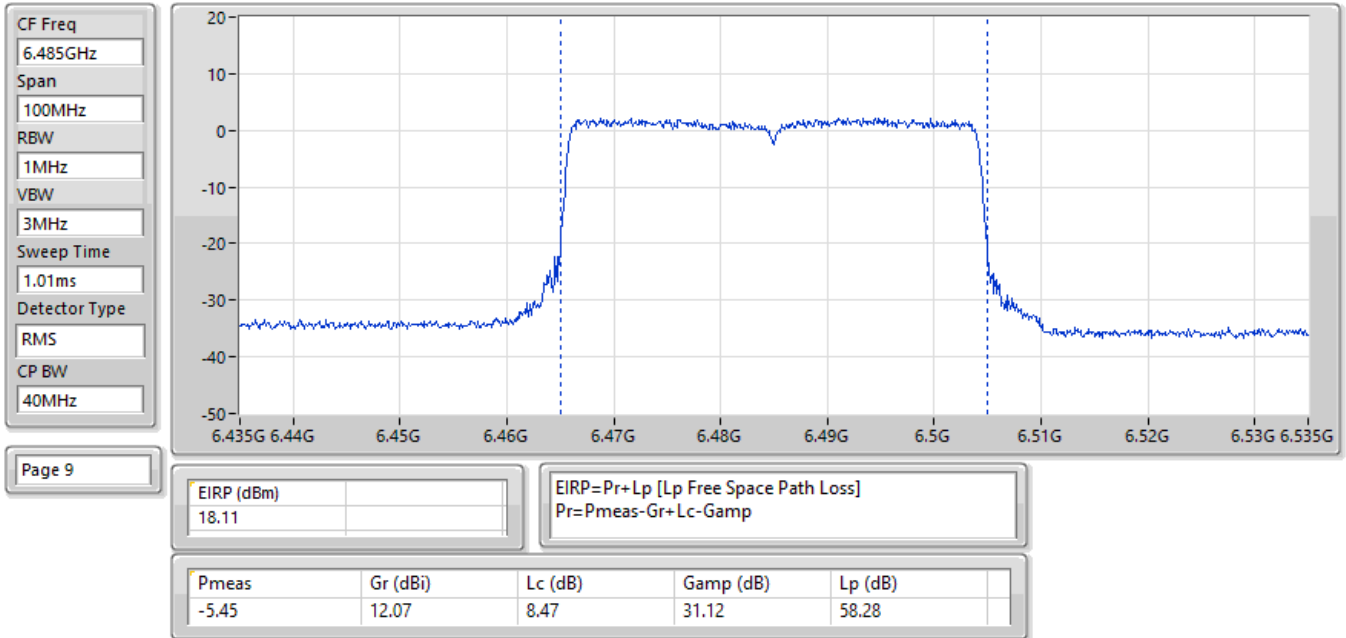
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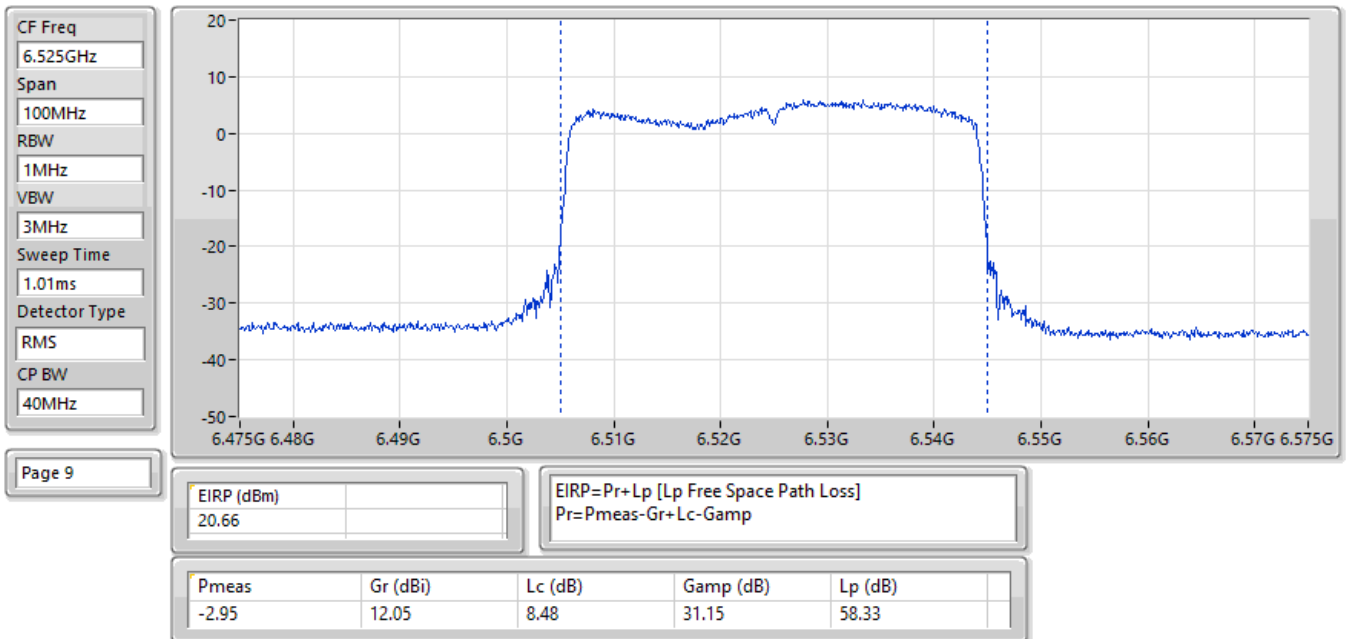
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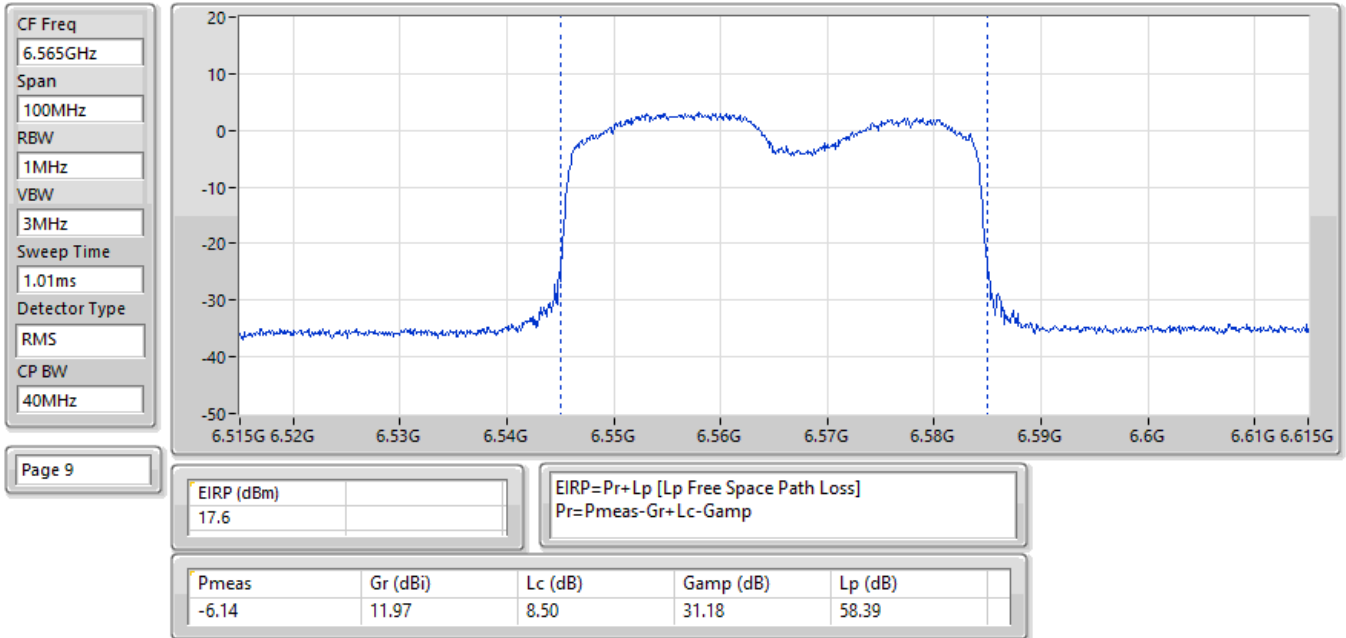
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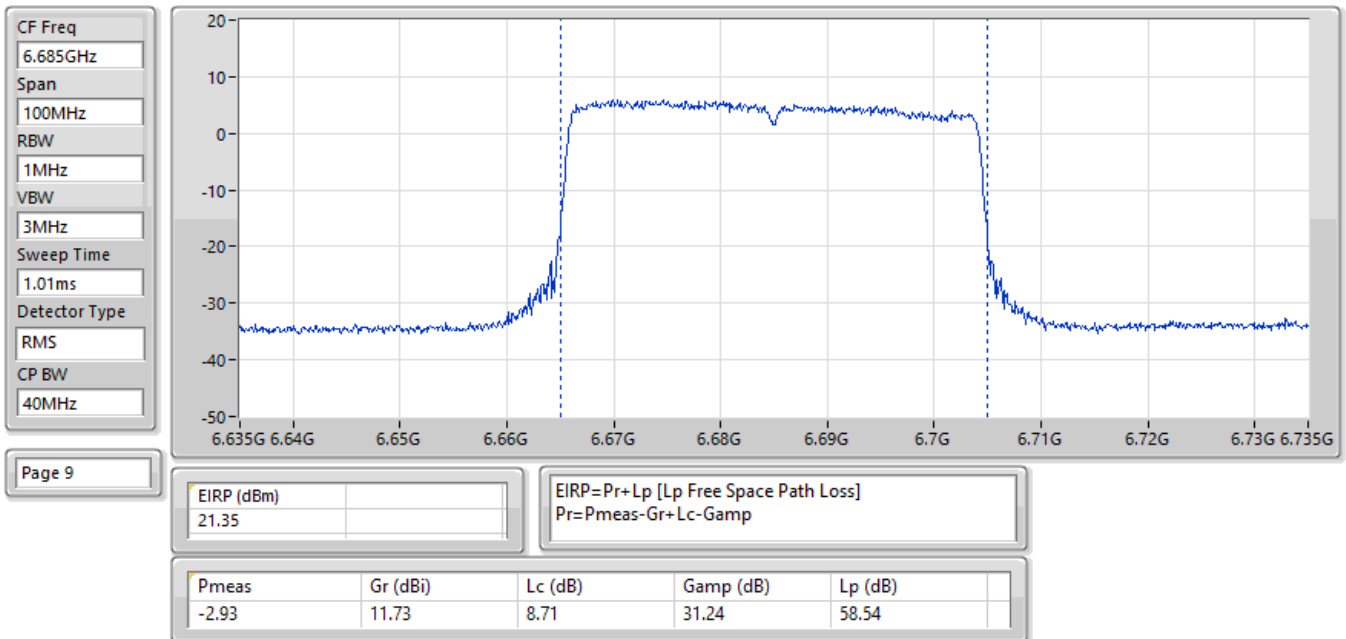
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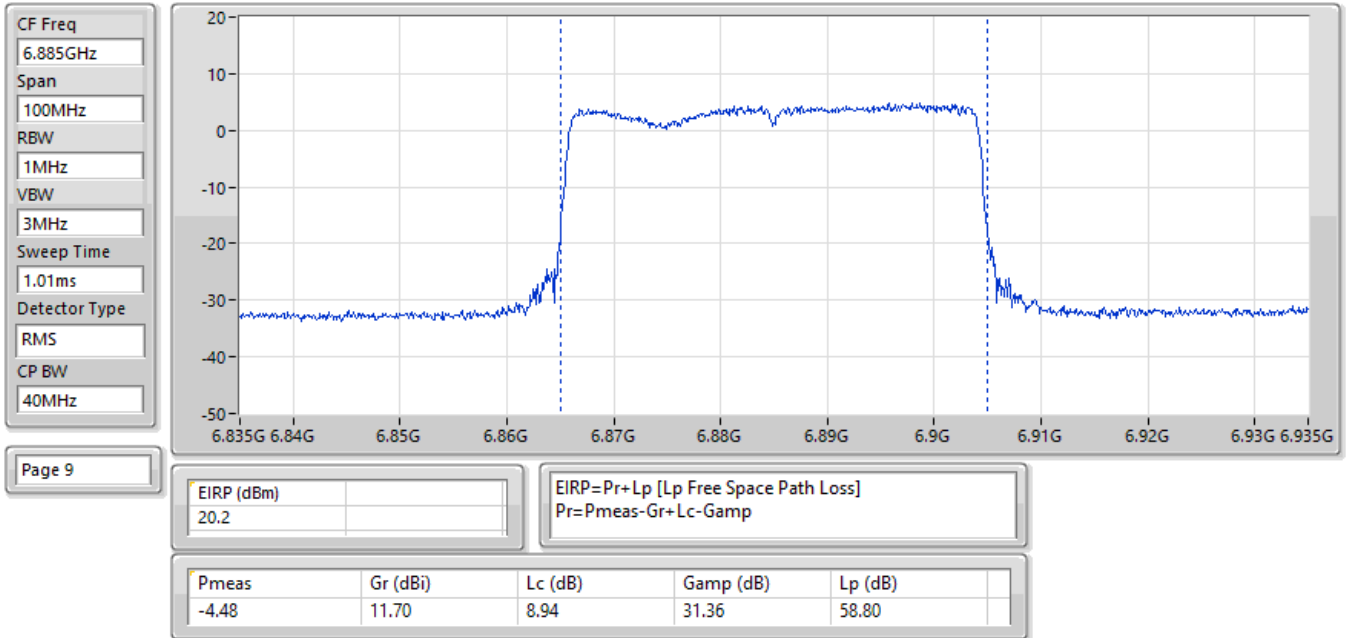
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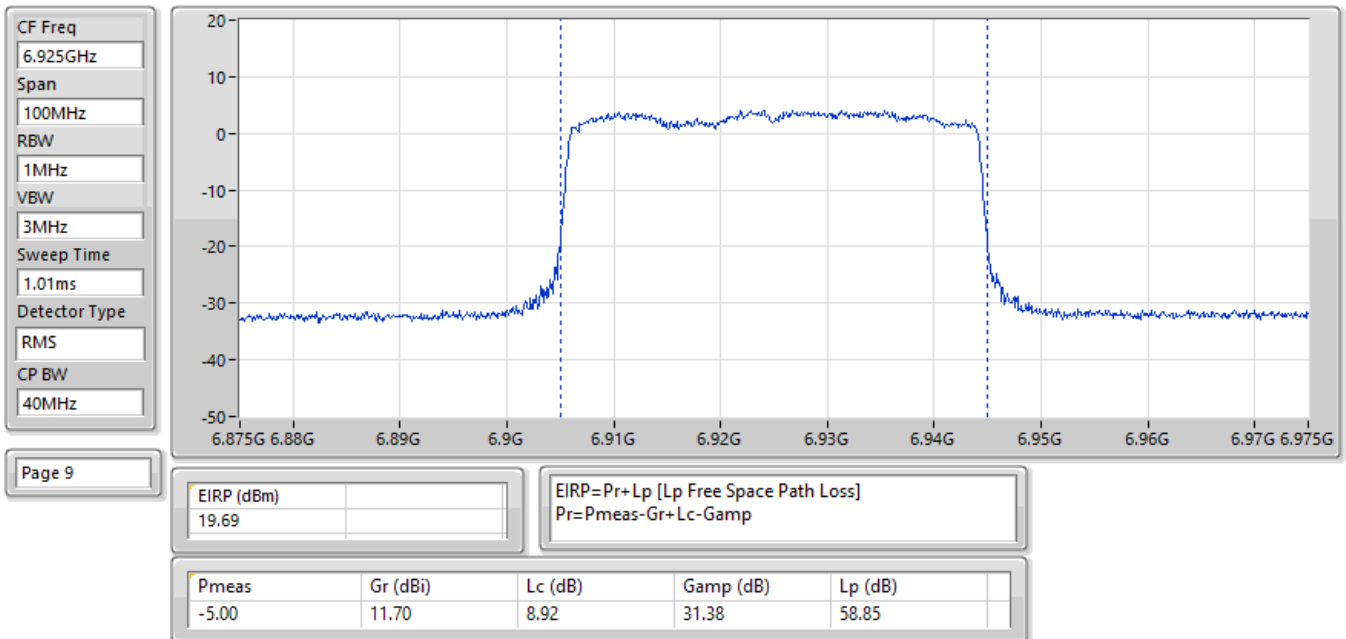
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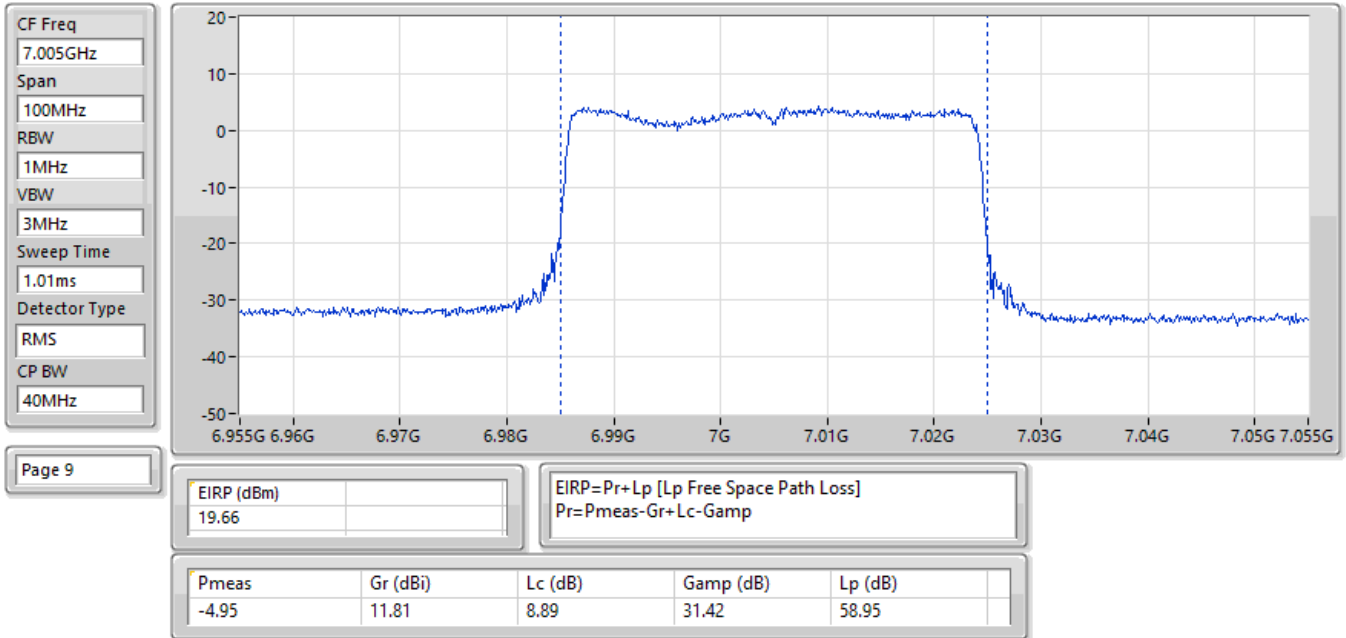
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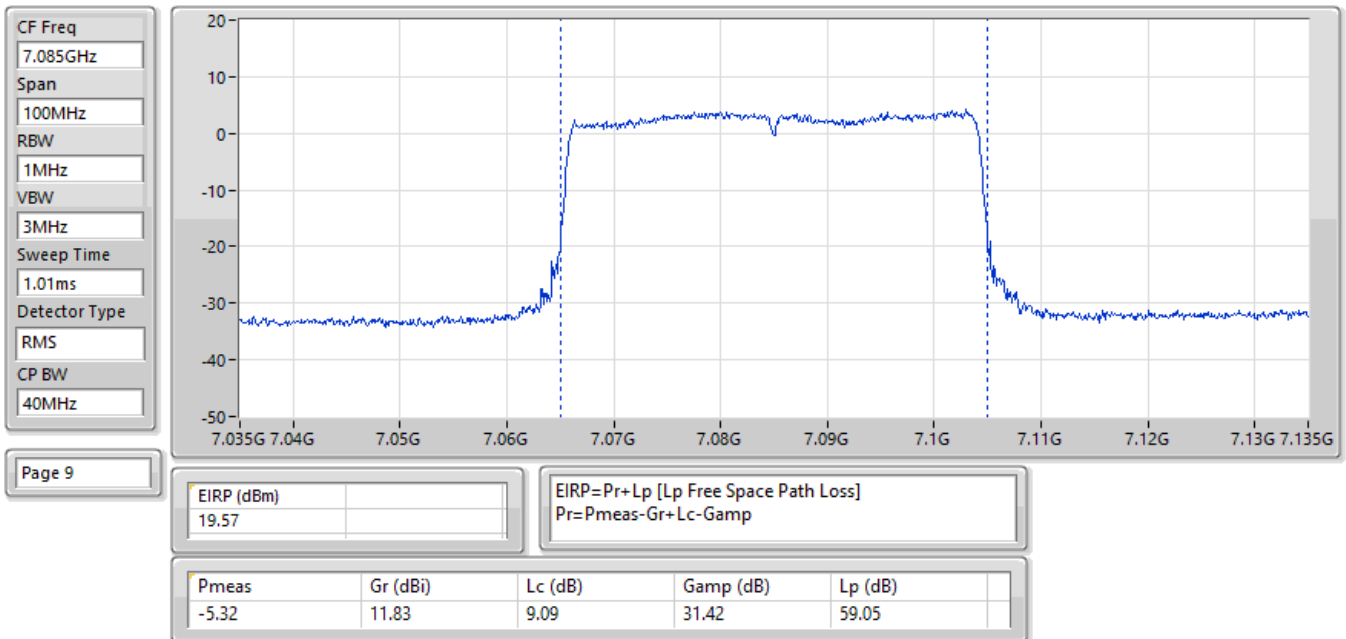
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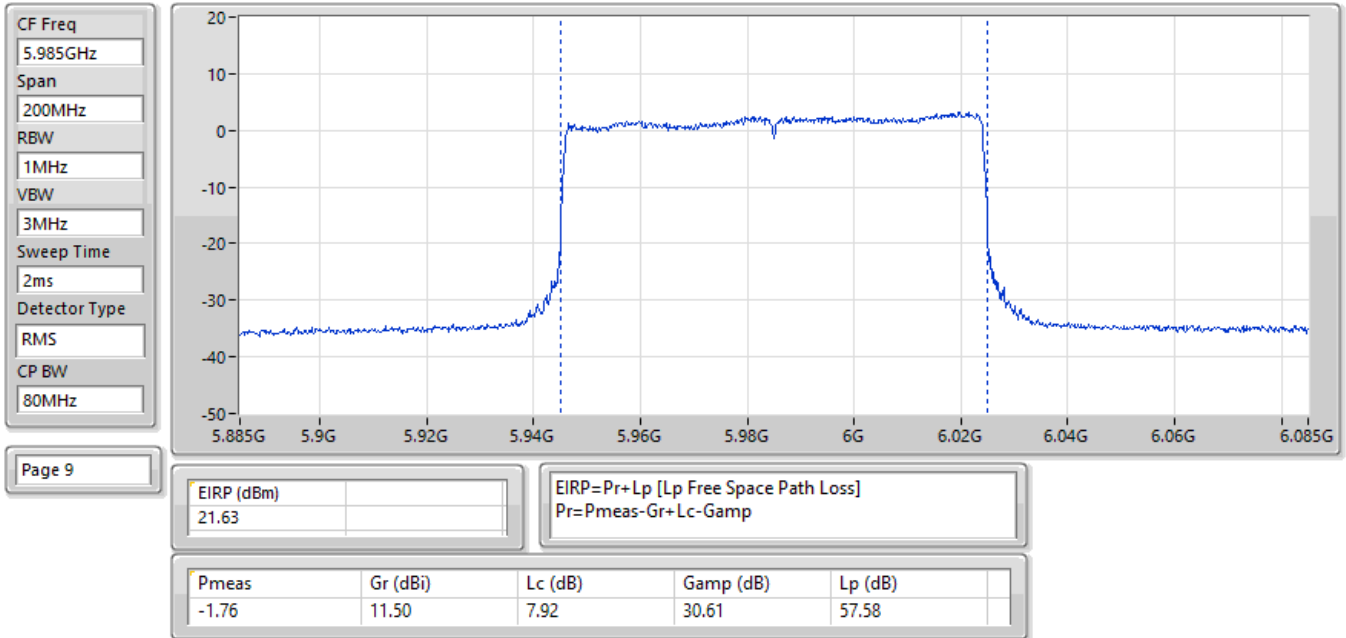
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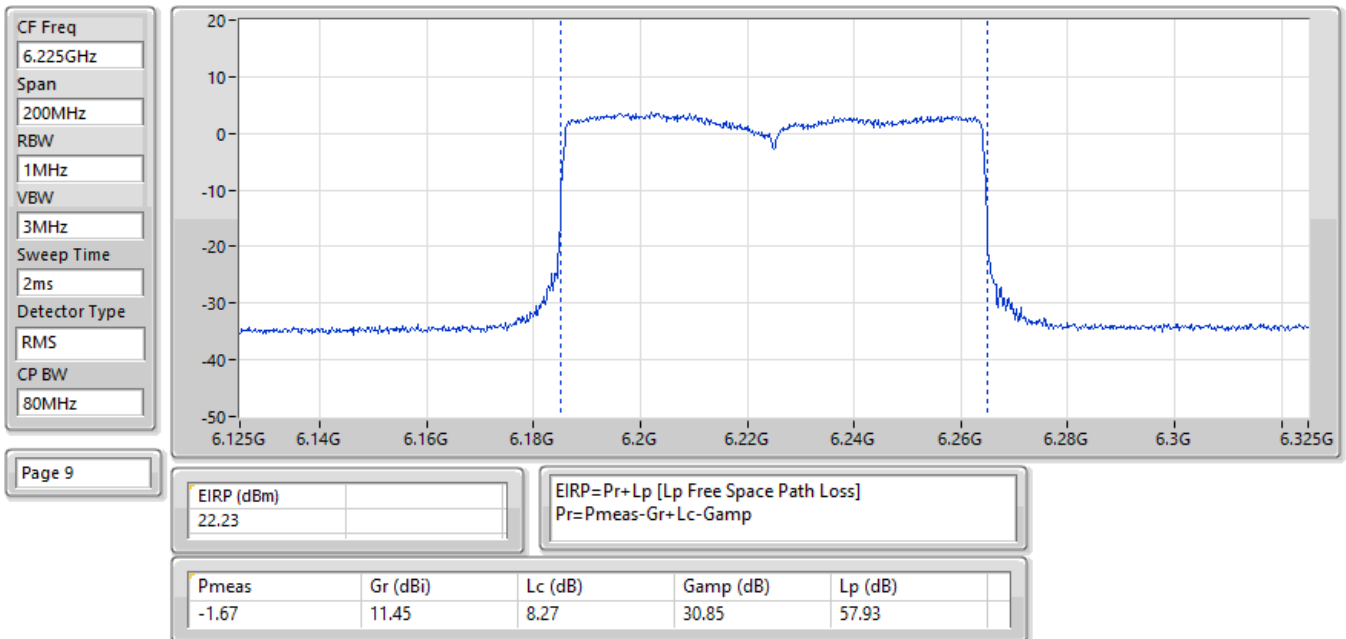
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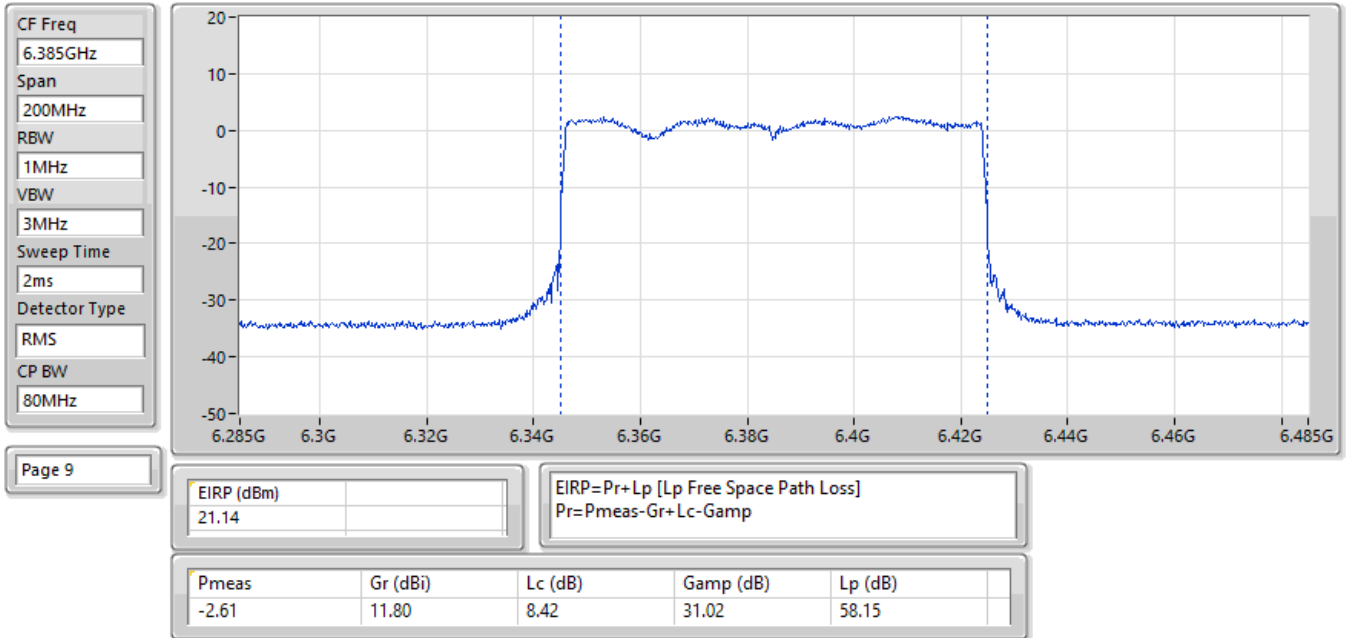
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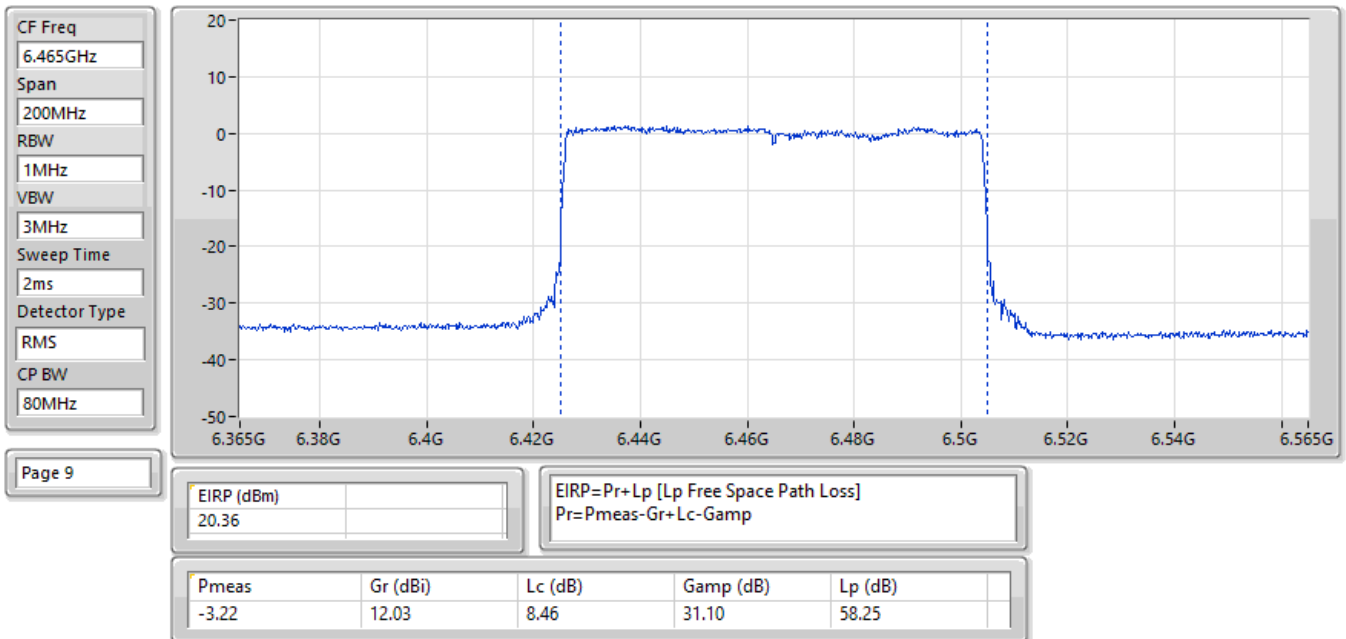
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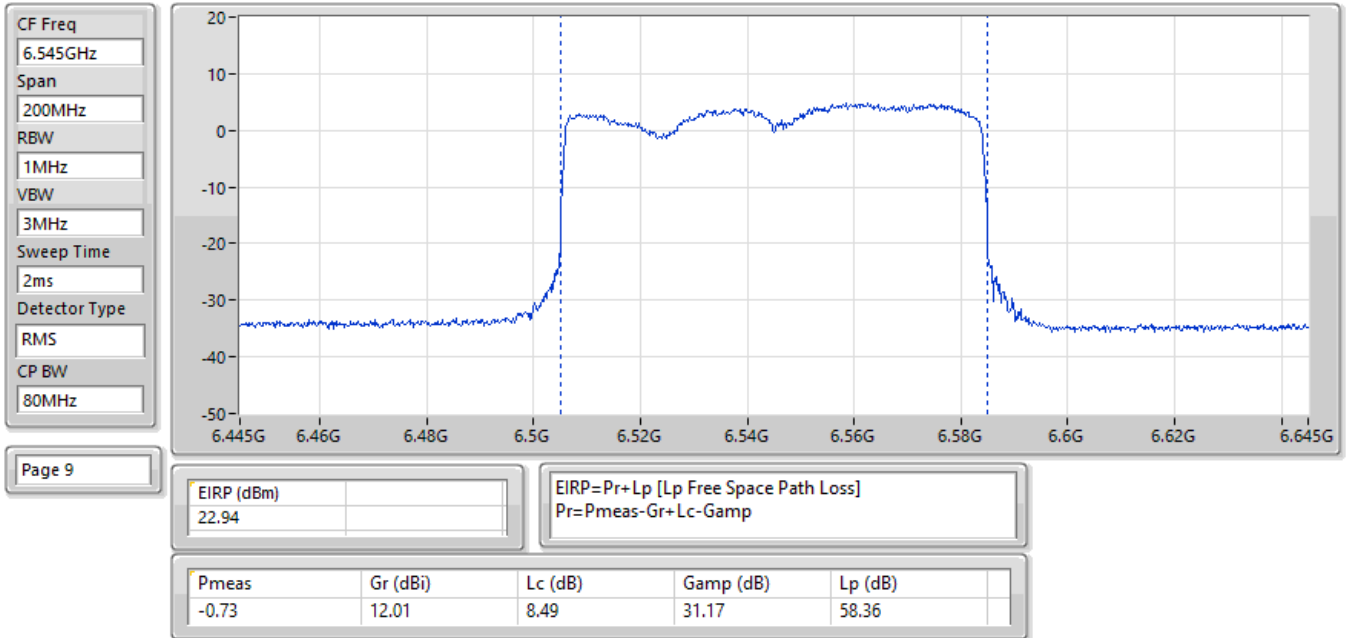
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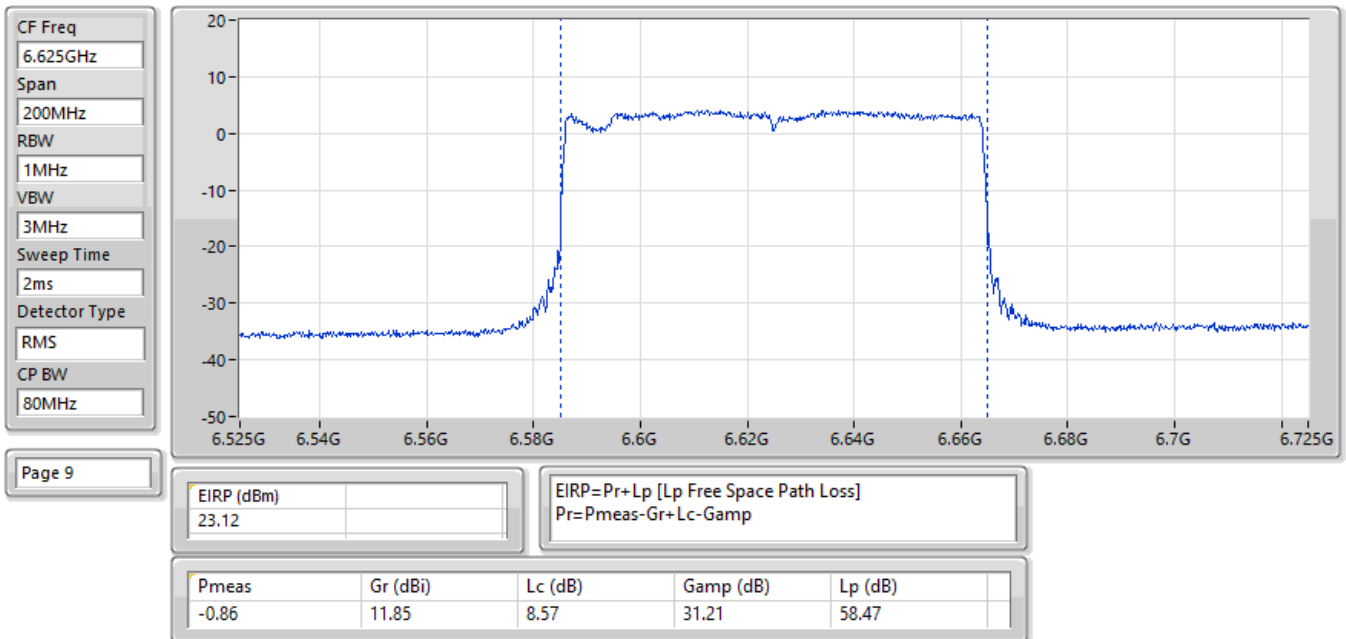
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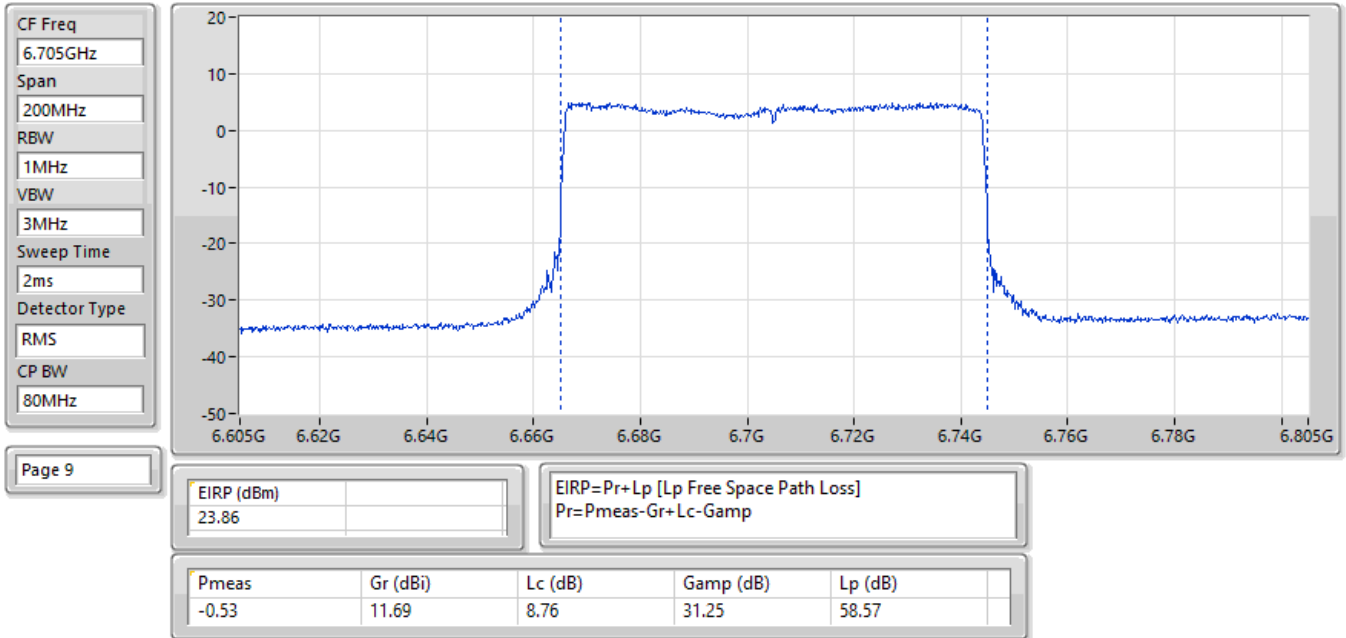
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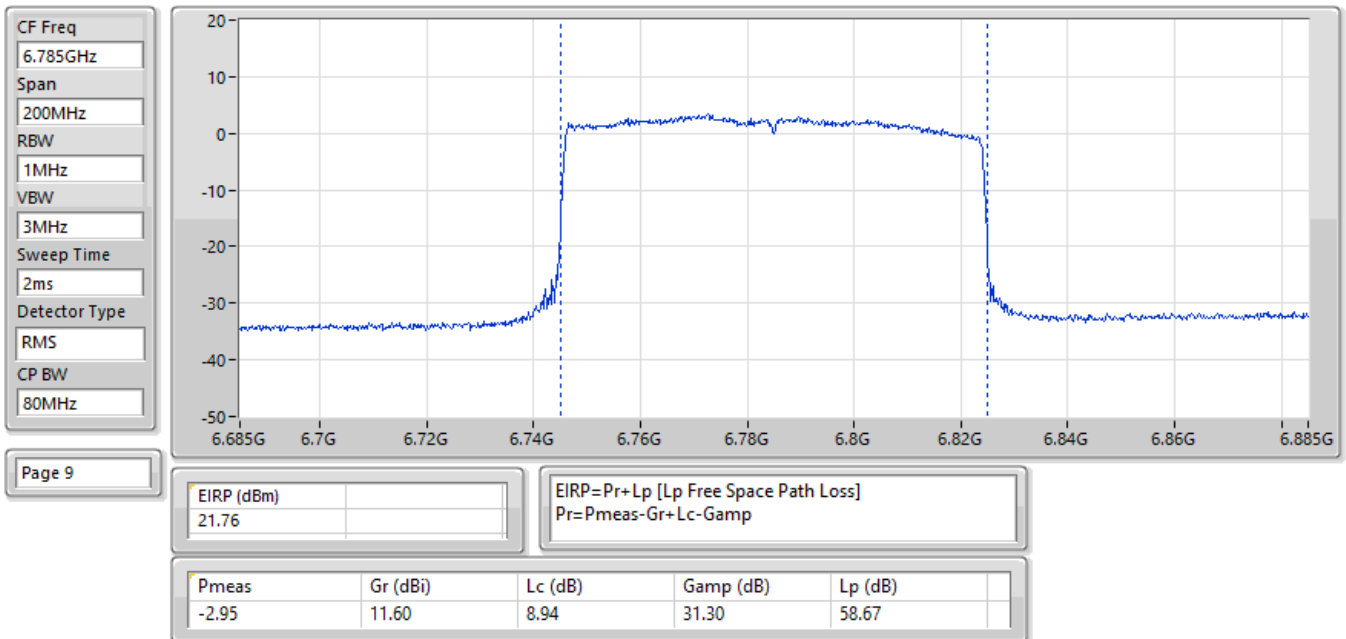
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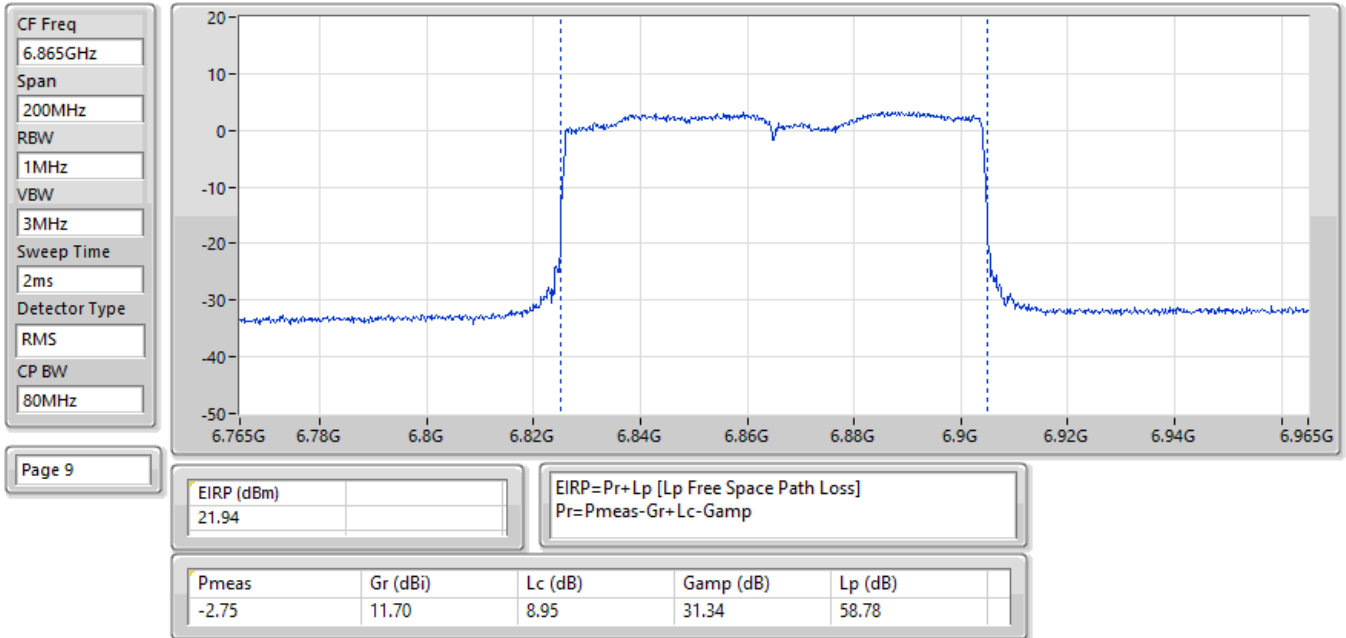
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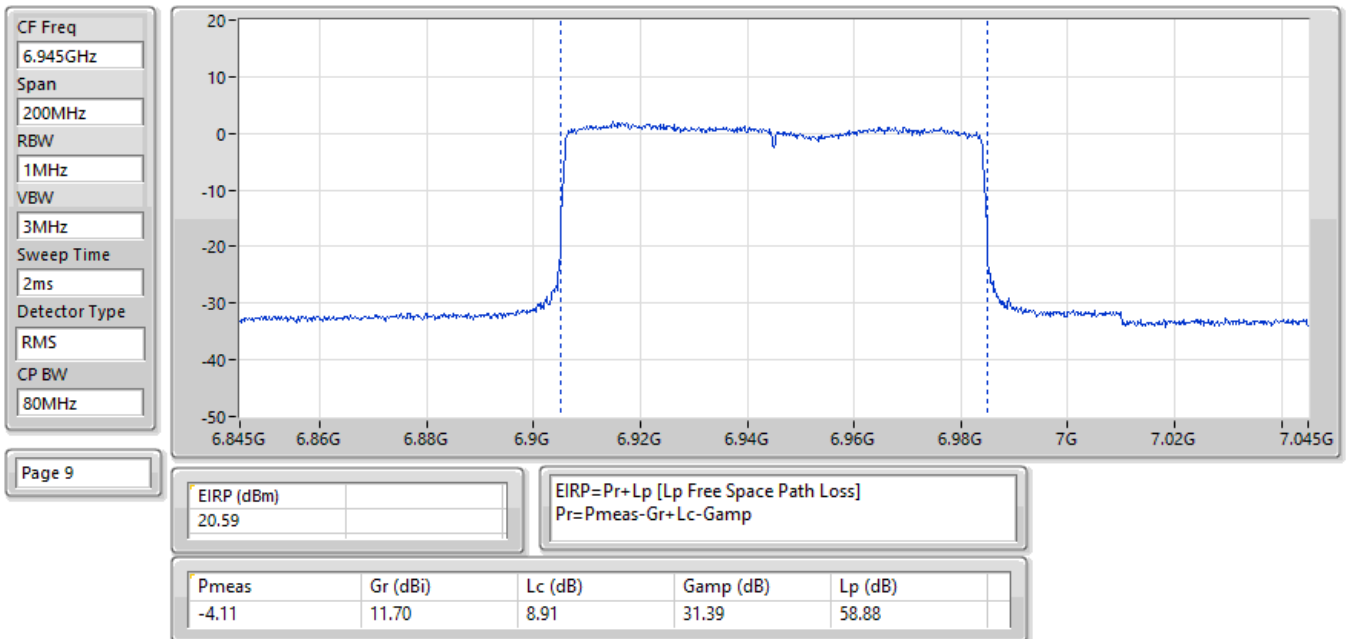
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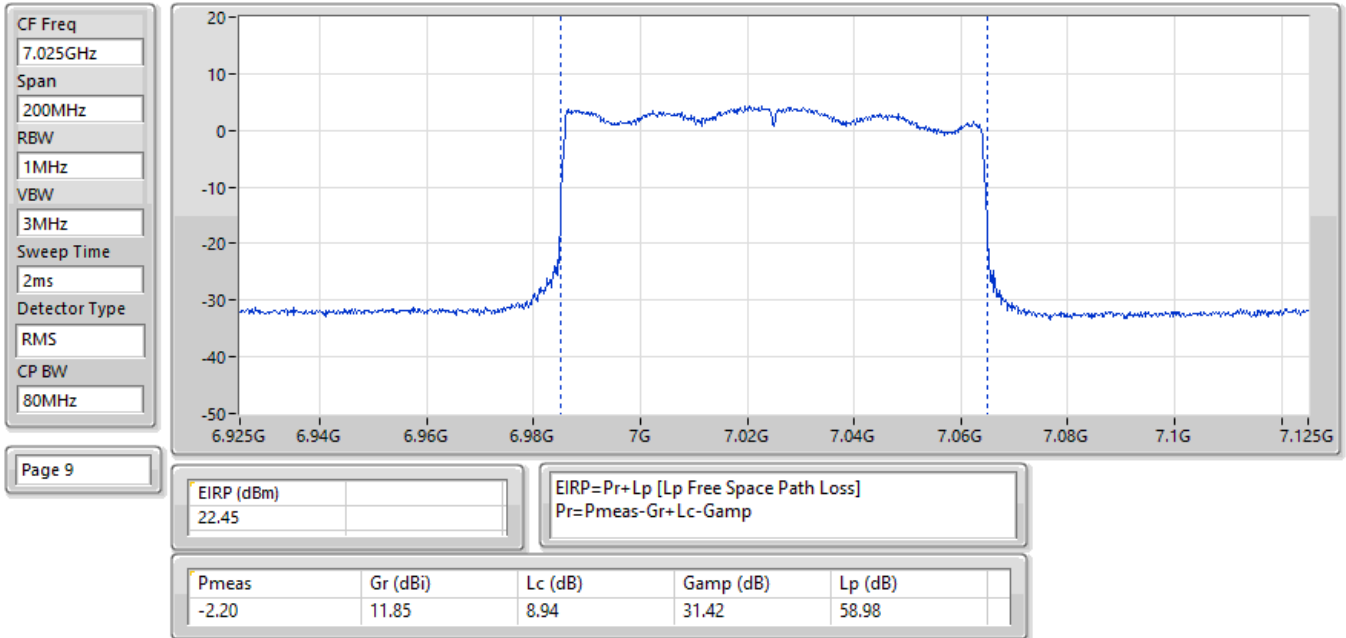
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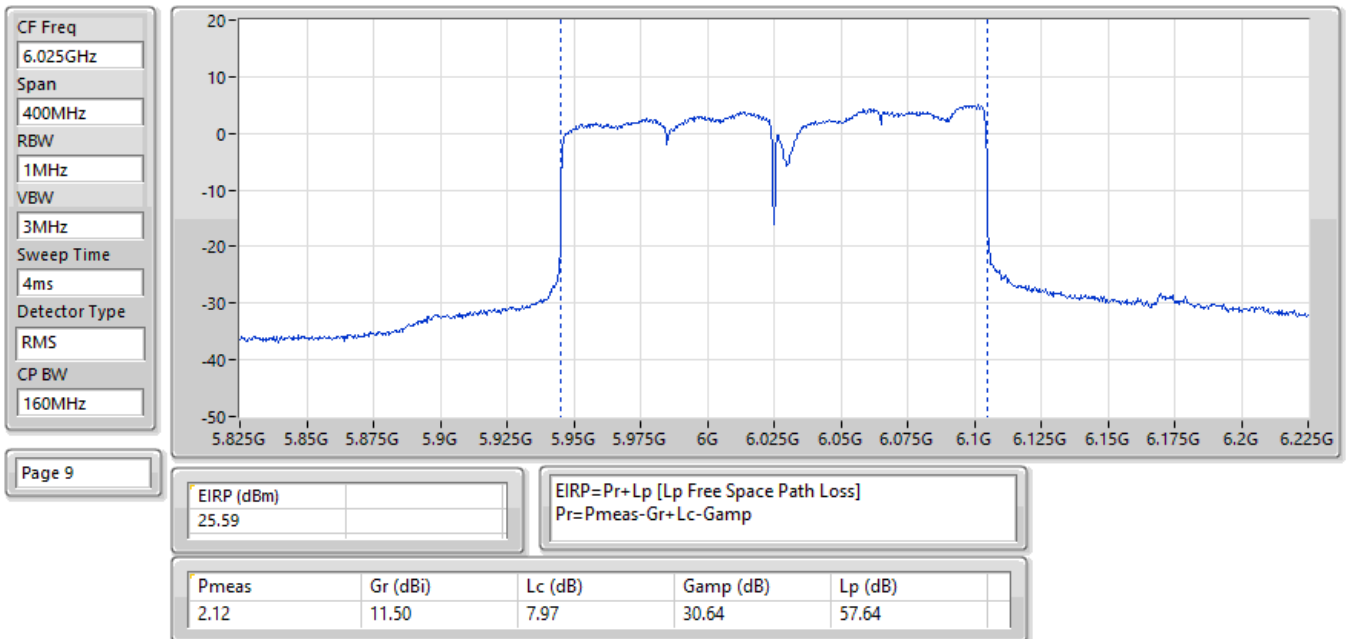
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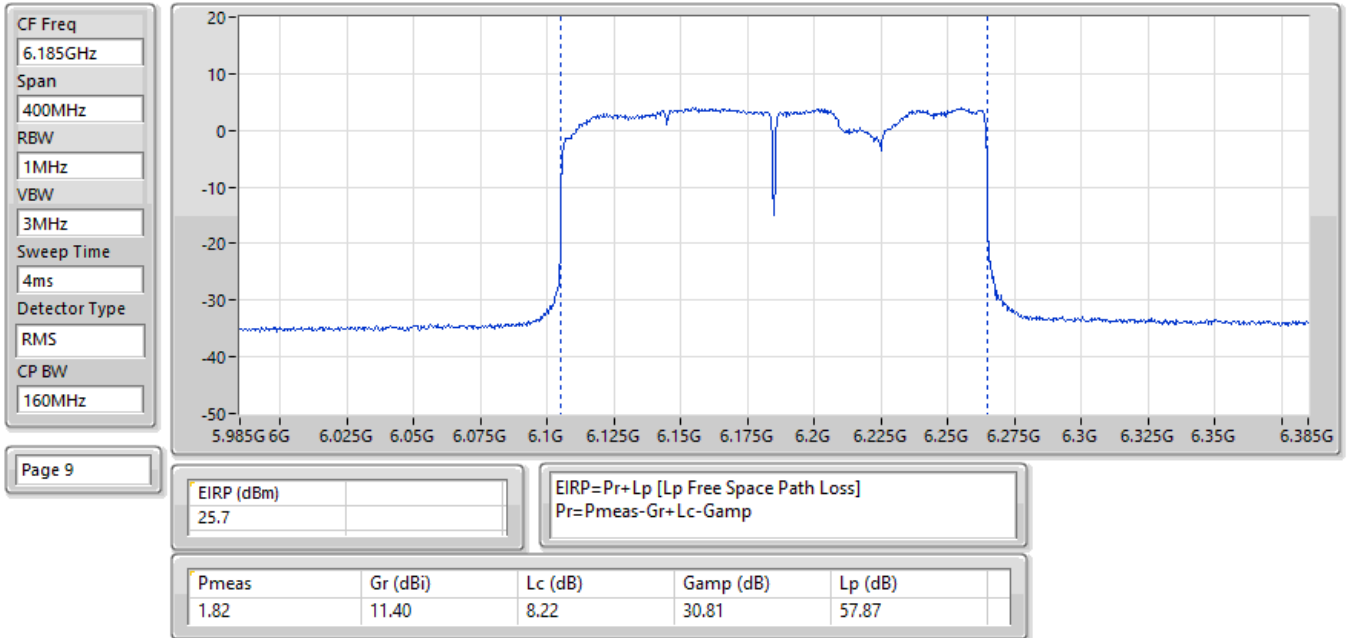
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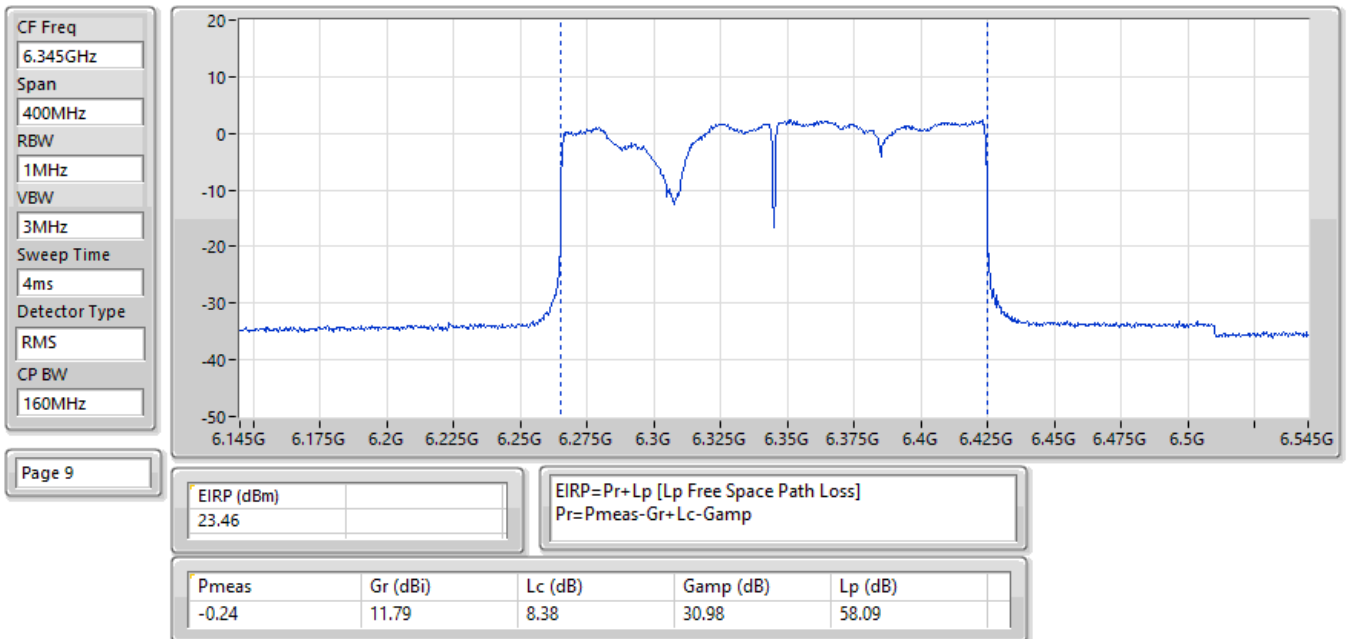
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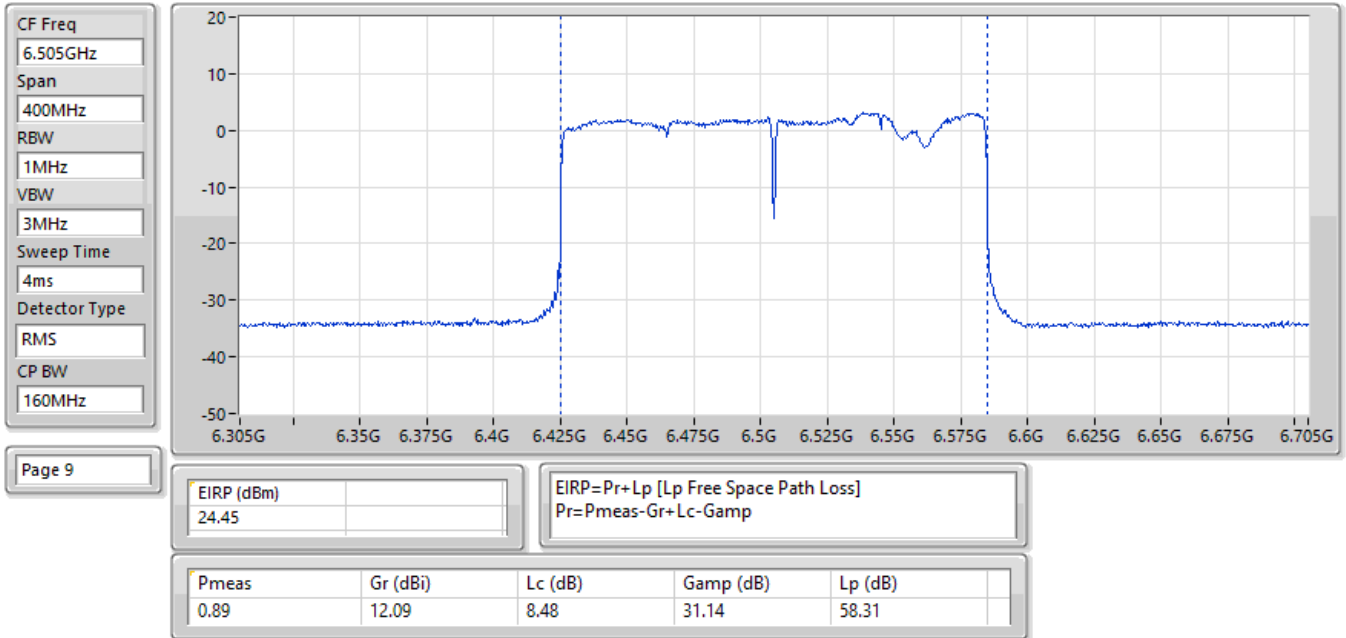
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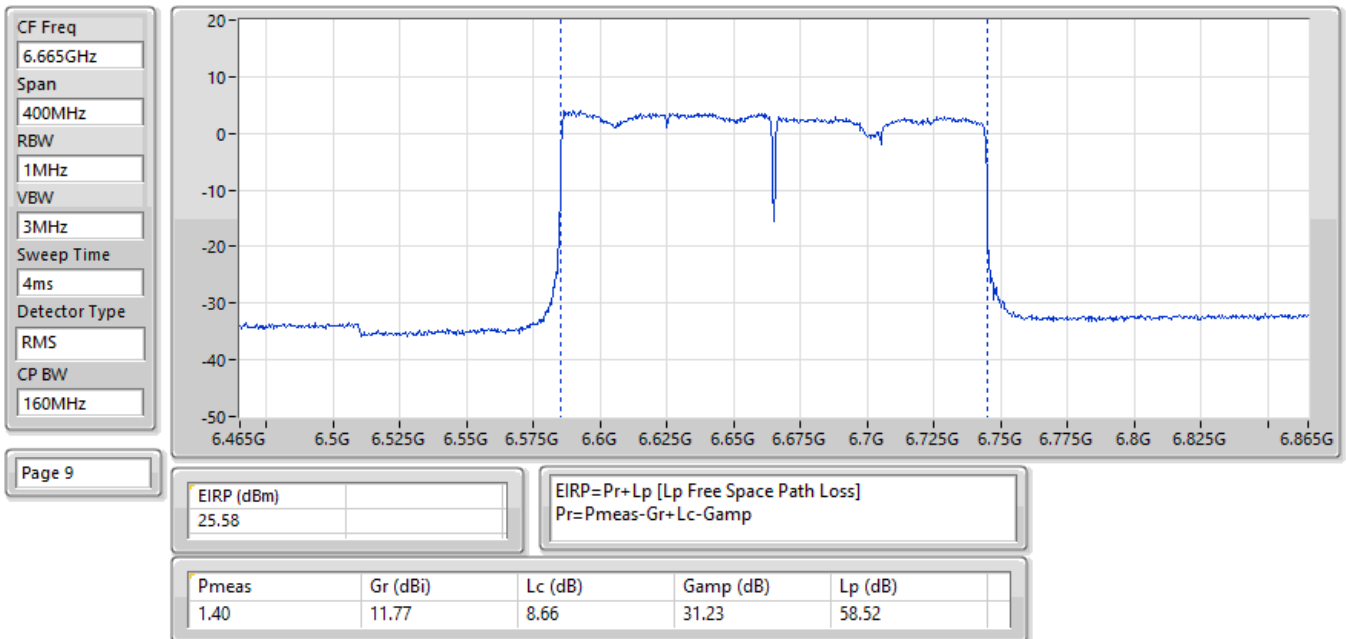
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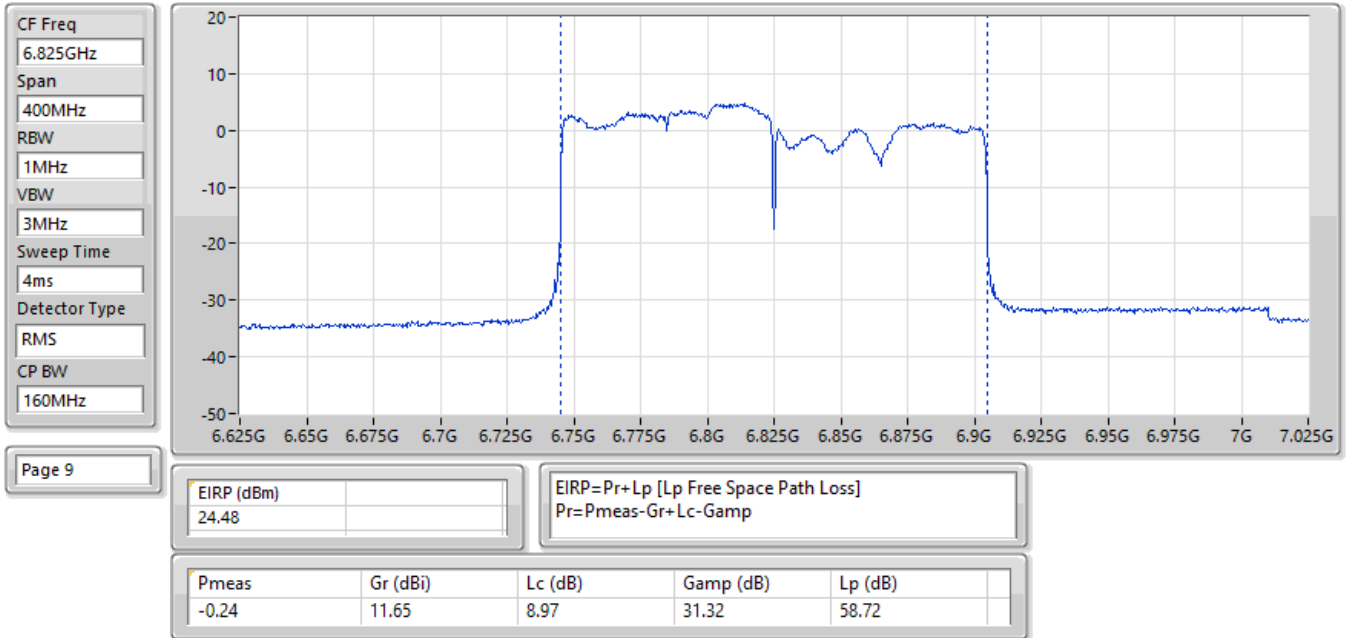
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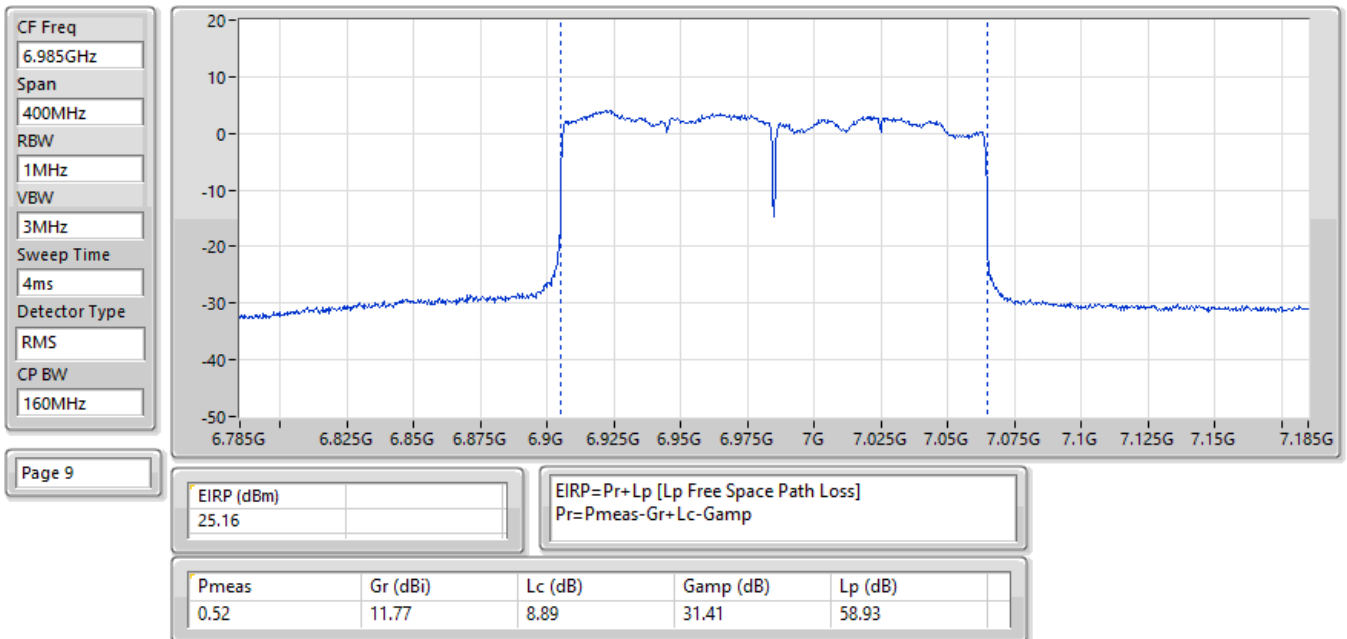
EIRP;Band:6.7G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6665MHz;TX



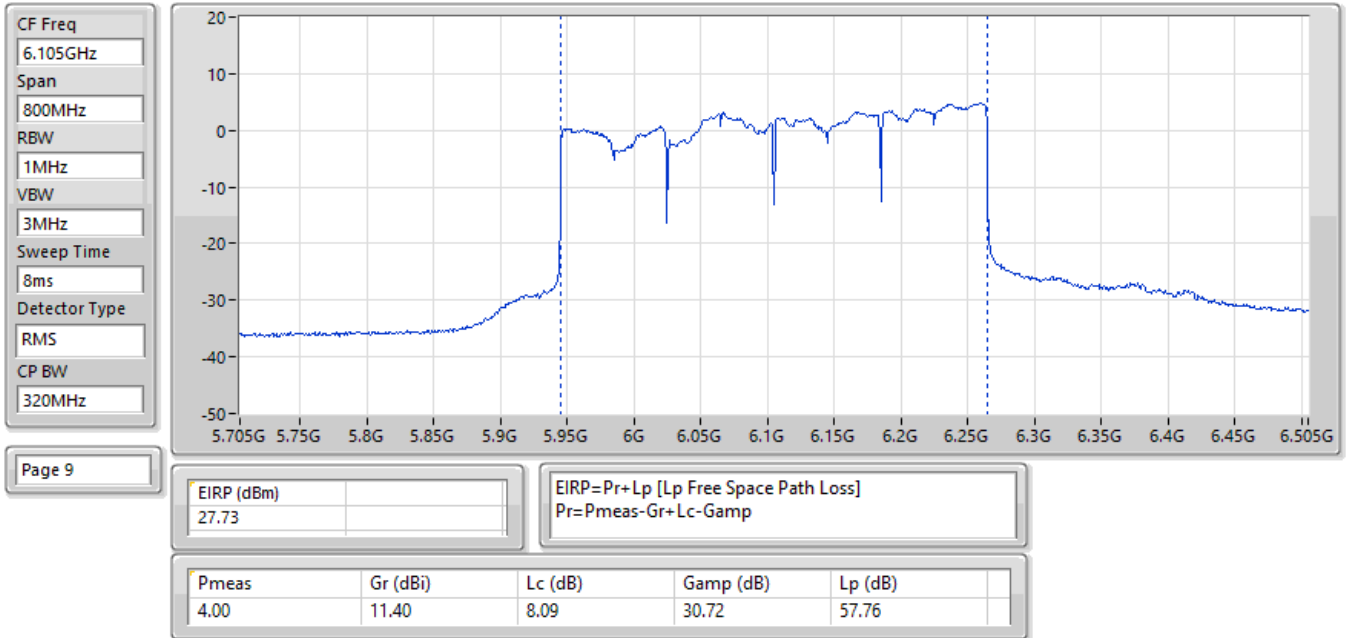
EIRP;Band:6.7G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6825MHz;TX



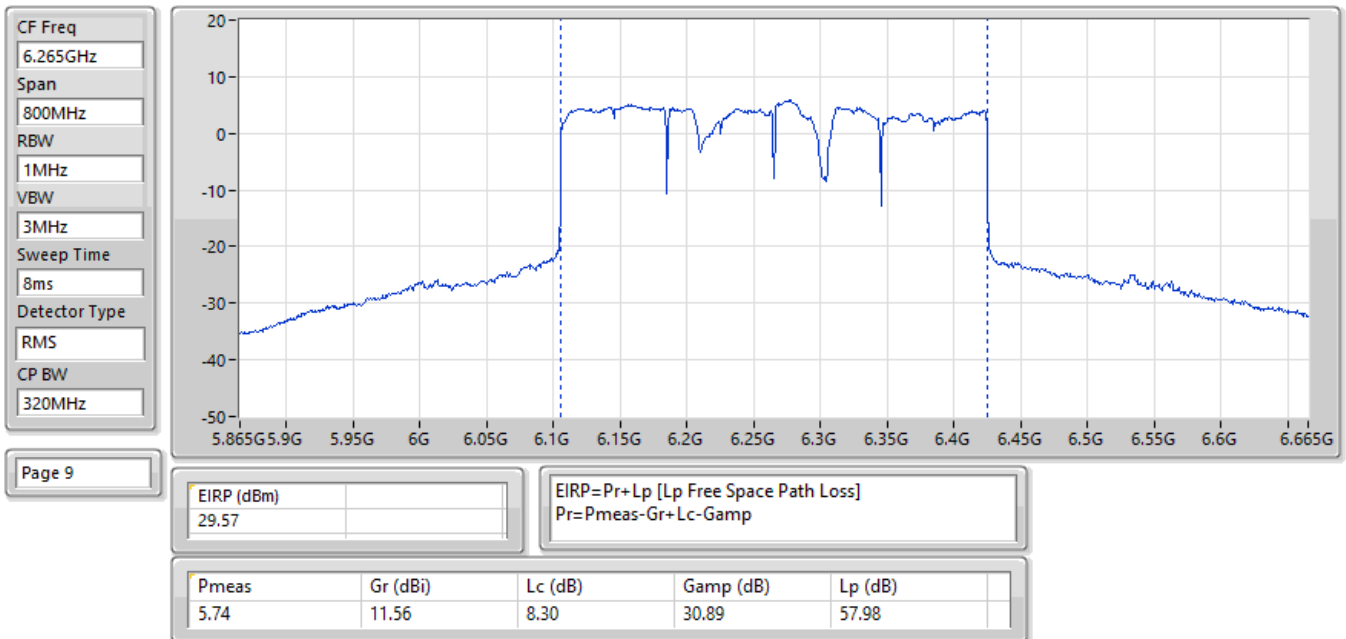
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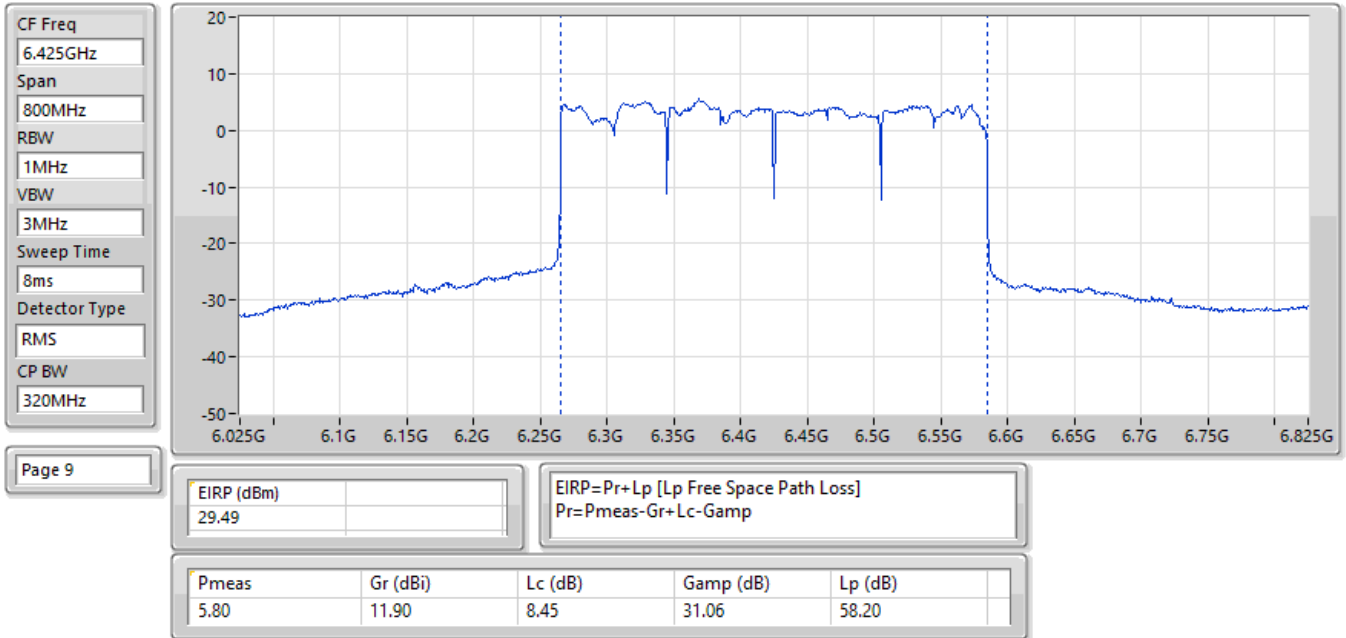
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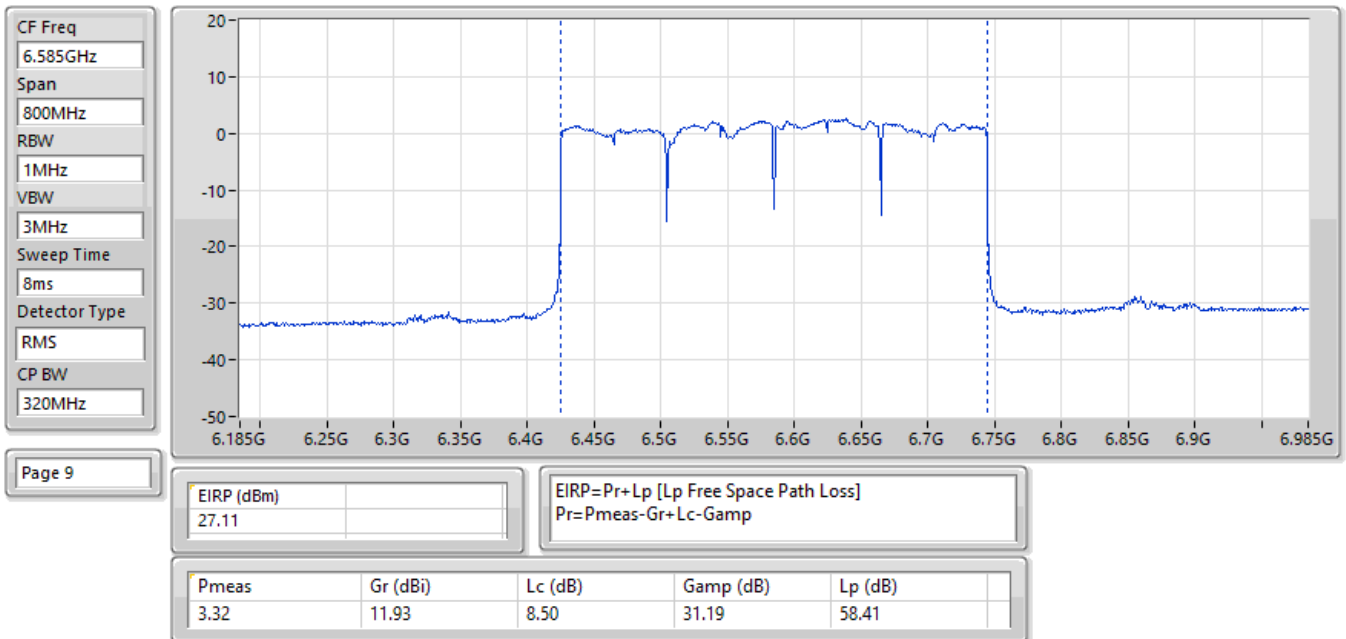
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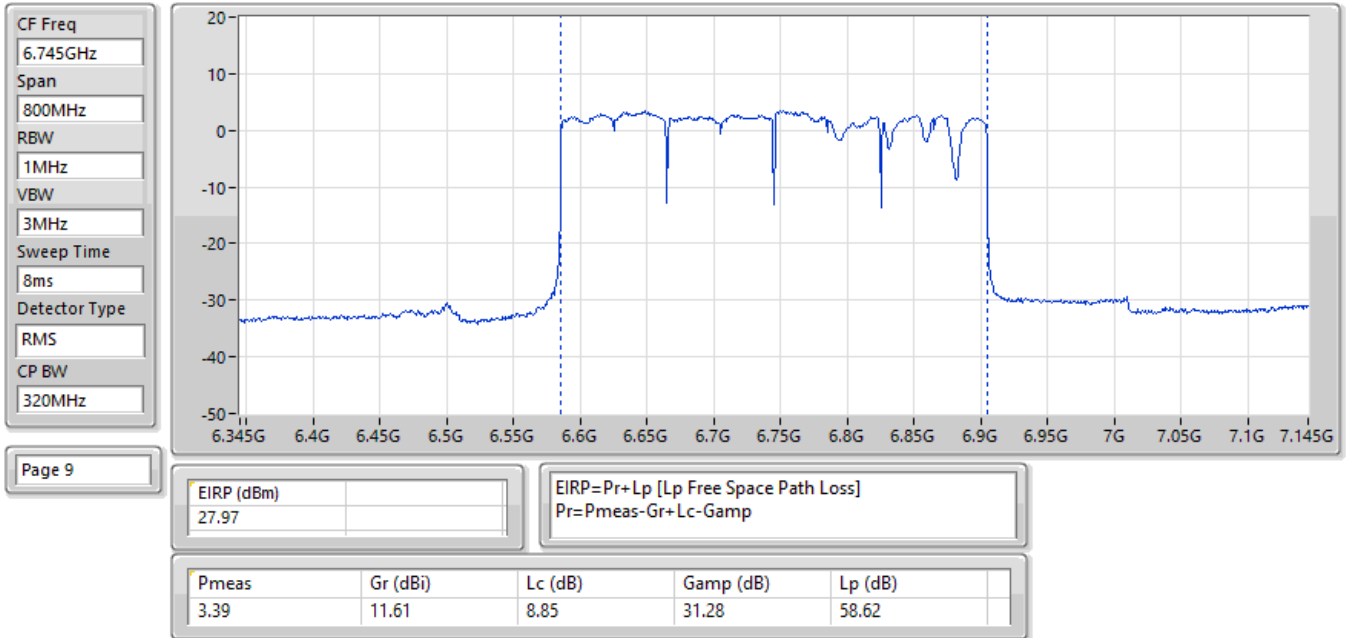
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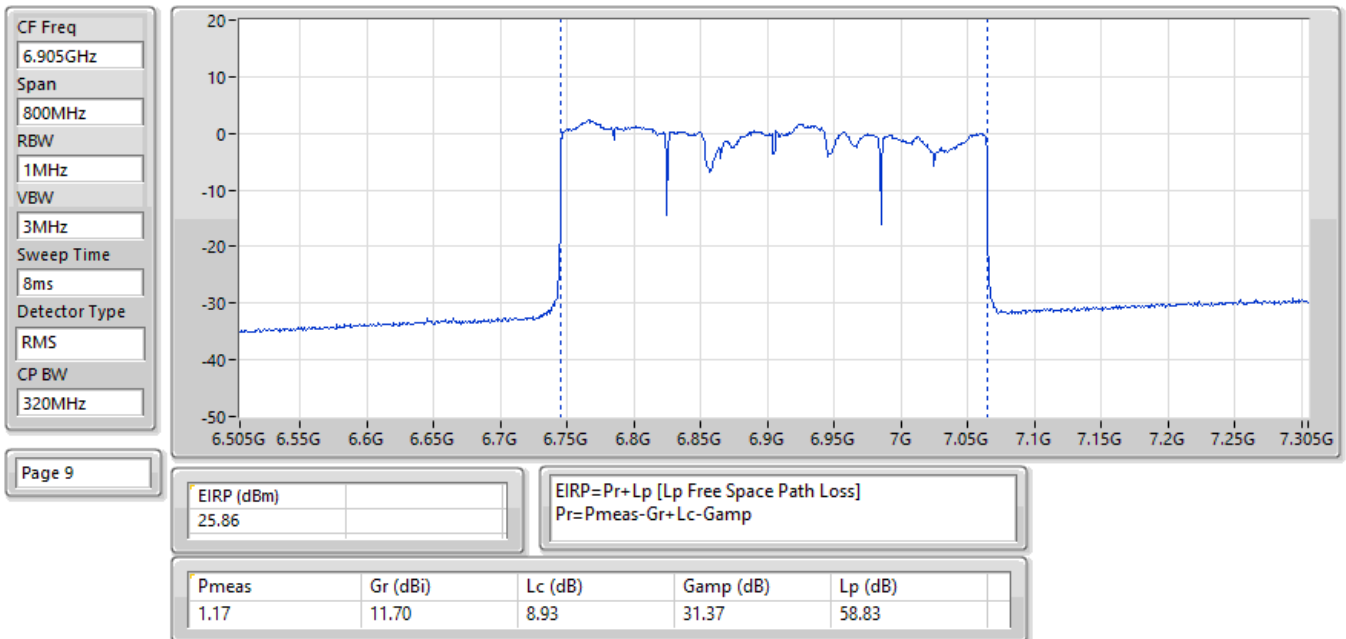
EIRP;Band:6.7G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6585MHz;TX



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



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



Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	4.75
802.11be EHT20-BF_Nss1,(MCS0)_2TX	4.46
802.11be EHT40_Nss1,(MCS0)_2TX	4.70
802.11be EHT40-BF_Nss1,(MCS0)_2TX	4.92
802.11be EHT80_Nss1,(MCS0)_2TX	4.91
802.11be EHT80-BF_Nss1,(MCS0)_2TX	4.86
802.11be EHT160_Nss1,(MCS0)_2TX	4.91
802.11be EHT160-BF_Nss1,(MCS0)_2TX	4.65
802.11be EHT320_Nss1,(MCS0)_2TX	4.79
802.11be EHT320-BF_Nss1,(MCS0)_2TX	4.66
6.425-6.525GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	4.97
802.11be EHT20-BF_Nss1,(MCS0)_2TX	4.64
802.11be EHT40_Nss1,(MCS0)_2TX	4.82
802.11be EHT40-BF_Nss1,(MCS0)_2TX	4.71
802.11be EHT80_Nss1,(MCS0)_2TX	4.84
802.11be EHT80-BF_Nss1,(MCS0)_2TX	4.85
802.11be EHT160_Nss1,(MCS0)_2TX	4.45
802.11be EHT160-BF_Nss1,(MCS0)_2TX	4.79
6.525-6.875GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	4.98
802.11be EHT20-BF_Nss1,(MCS0)_2TX	4.96
802.11be EHT40_Nss1,(MCS0)_2TX	4.93
802.11be EHT40-BF_Nss1,(MCS0)_2TX	4.92
802.11be EHT80_Nss1,(MCS0)_2TX	4.89
802.11be EHT80-BF_Nss1,(MCS0)_2TX	4.75
802.11be EHT160_Nss1,(MCS0)_2TX	4.76
802.11be EHT160-BF_Nss1,(MCS0)_2TX	4.66
802.11be EHT320_Nss1,(MCS0)_2TX	4.77
802.11be EHT320-BF_Nss1,(MCS0)_2TX	4.92
6.875-7.125GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	4.87
802.11be EHT20-BF_Nss1,(MCS0)_2TX	4.53
802.11be EHT40_Nss1,(MCS0)_2TX	4.72
802.11be EHT40-BF_Nss1,(MCS0)_2TX	4.89
802.11be EHT80_Nss1,(MCS0)_2TX	4.66
802.11be EHT80-BF_Nss1,(MCS0)_2TX	4.51
802.11be EHT160_Nss1,(MCS0)_2TX	4.92
802.11be EHT160-BF_Nss1,(MCS0)_2TX	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)_2TX	-	-	-
5955MHz	Pass	4.75	5.00
6195MHz	Pass	4.58	5.00
6415MHz	Pass	4.59	5.00
6435MHz	Pass	4.79	5.00
6475MHz	Pass	4.97	5.00
6515MHz	Pass	4.68	5.00
6535MHz	Pass	4.50	5.00
6695MHz	Pass	4.98	5.00
6875MHz	Pass	4.59	5.00
6895MHz	Pass	4.43	5.00
6995MHz	Pass	4.87	5.00
7095MHz	Pass	4.40	5.00
7115MHz	Pass	-0.11	5.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	4.70	5.00
6205MHz	Pass	4.57	5.00
6405MHz	Pass	4.35	5.00
6445MHz	Pass	4.50	5.00
6485MHz	Pass	4.26	5.00
6525MHz	Pass	4.82	5.00
6565MHz	Pass	4.50	5.00
6685MHz	Pass	4.71	5.00
6885MHz	Pass	4.93	5.00
6925MHz	Pass	4.69	5.00
7005MHz	Pass	4.72	5.00
7085MHz	Pass	4.50	5.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	4.73	5.00
6225MHz	Pass	4.91	5.00
6385MHz	Pass	4.91	5.00
6465MHz	Pass	4.38	5.00
6545MHz	Pass	4.84	5.00
6625MHz	Pass	4.29	5.00
6705MHz	Pass	4.89	5.00
6785MHz	Pass	4.73	5.00
6865MHz	Pass	4.66	5.00
6945MHz	Pass	4.52	5.00
7025MHz	Pass	4.66	5.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	4.32	5.00
6185MHz	Pass	4.91	5.00
6345MHz	Pass	4.72	5.00
6505MHz	Pass	4.45	5.00
6665MHz	Pass	4.76	5.00
6825MHz	Pass	4.51	5.00
6985MHz	Pass	4.92	5.00
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-
6105MHz	Pass	4.77	5.00
6265MHz	Pass	4.79	5.00
6425MHz	Pass	4.62	5.00
6585MHz	Pass	4.77	5.00
6745MHz	Pass	4.66	5.00
6905MHz	Pass	1.24	5.00
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-



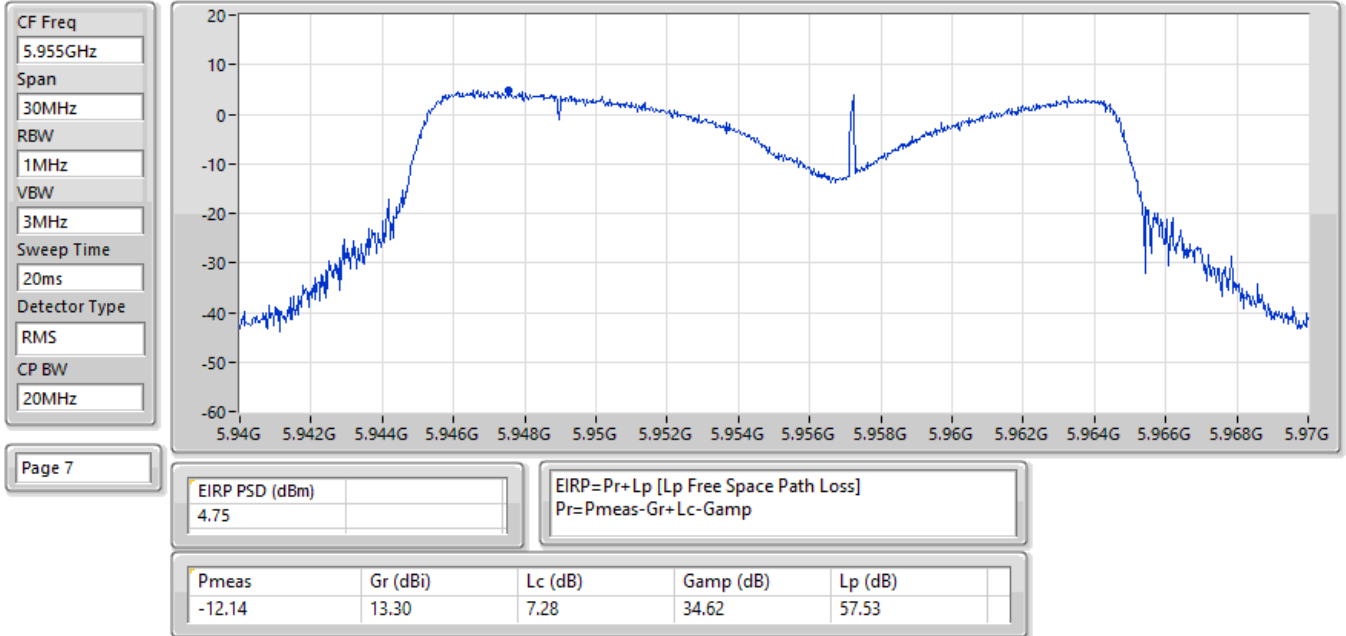
Radiated PSD

Appendix D

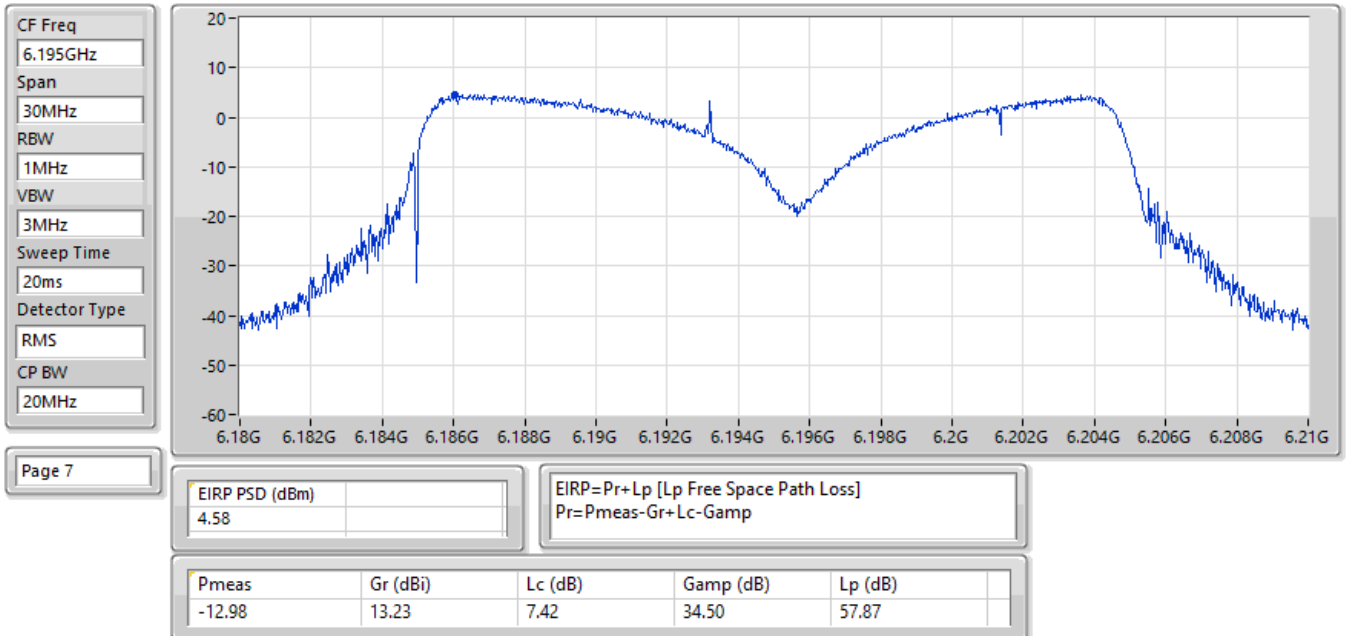
5955MHz	Pass	4.09	5.00
6195MHz	Pass	4.46	5.00
6415MHz	Pass	4.32	5.00
6435MHz	Pass	4.17	5.00
6475MHz	Pass	4.64	5.00
6515MHz	Pass	4.30	5.00
6535MHz	Pass	4.32	5.00
6695MHz	Pass	4.96	5.00
6875MHz	Pass	4.61	5.00
6895MHz	Pass	4.53	5.00
6995MHz	Pass	4.25	5.00
7095MHz	Pass	4.05	5.00
7115MHz	Pass	-2.34	5.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	4.35	5.00
6205MHz	Pass	4.72	5.00
6405MHz	Pass	4.92	5.00
6445MHz	Pass	3.90	5.00
6485MHz	Pass	4.71	5.00
6525MHz	Pass	4.50	5.00
6565MHz	Pass	4.74	5.00
6685MHz	Pass	4.48	5.00
6885MHz	Pass	4.92	5.00
6925MHz	Pass	4.24	5.00
7005MHz	Pass	4.89	5.00
7085MHz	Pass	4.56	5.00
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	4.86	5.00
6225MHz	Pass	4.15	5.00
6385MHz	Pass	4.07	5.00
6465MHz	Pass	4.08	5.00
6545MHz	Pass	4.85	5.00
6625MHz	Pass	4.25	5.00
6705MHz	Pass	4.75	5.00
6785MHz	Pass	4.37	5.00
6865MHz	Pass	4.33	5.00
6945MHz	Pass	4.51	5.00
7025MHz	Pass	4.26	5.00
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	4.65	5.00
6185MHz	Pass	4.27	5.00
6345MHz	Pass	4.04	5.00
6505MHz	Pass	4.79	5.00
6665MHz	Pass	4.59	5.00
6825MHz	Pass	4.66	5.00
6985MHz	Pass	4.41	5.00
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-	-	-
6105MHz	Pass	4.46	5.00
6265MHz	Pass	4.66	5.00
6425MHz	Pass	4.44	5.00
6585MHz	Pass	4.22	5.00
6745MHz	Pass	4.52	5.00
6905MHz	Pass	4.92	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.

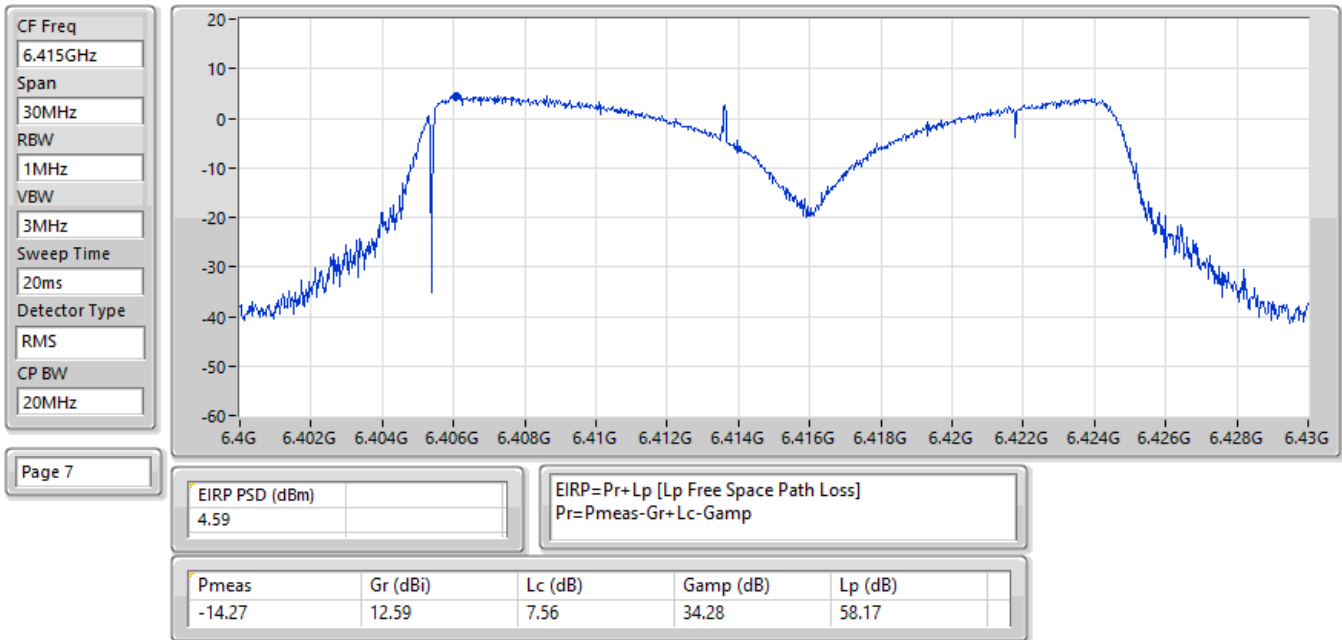
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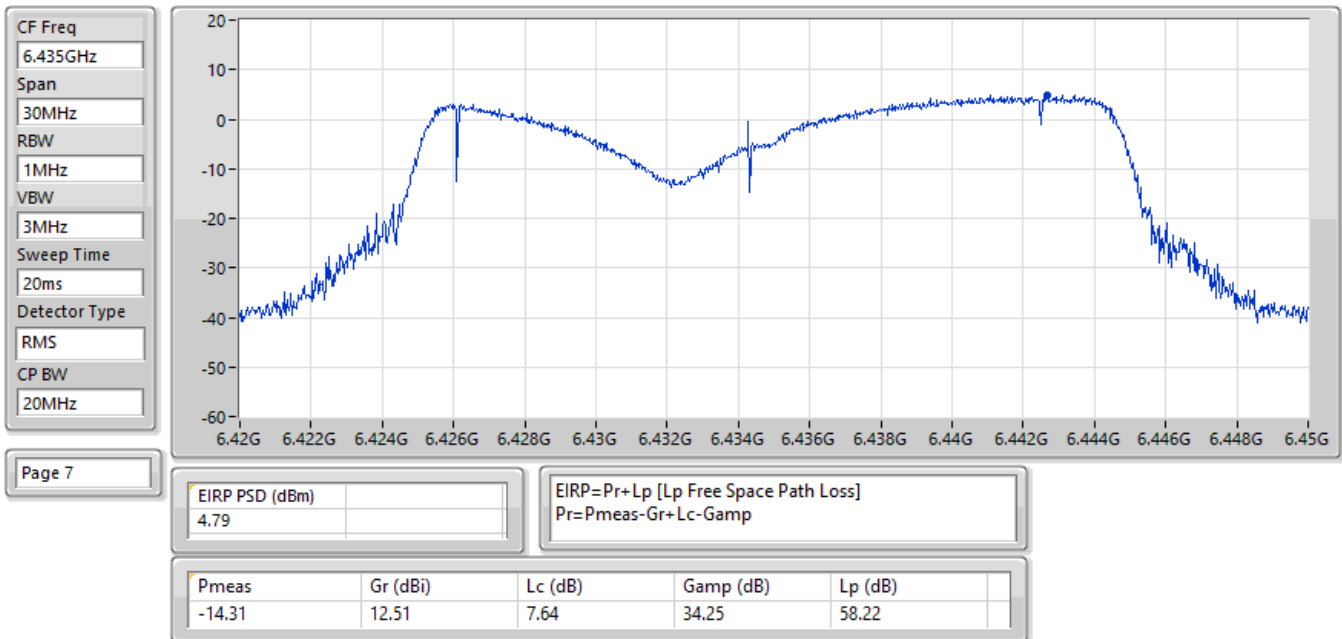
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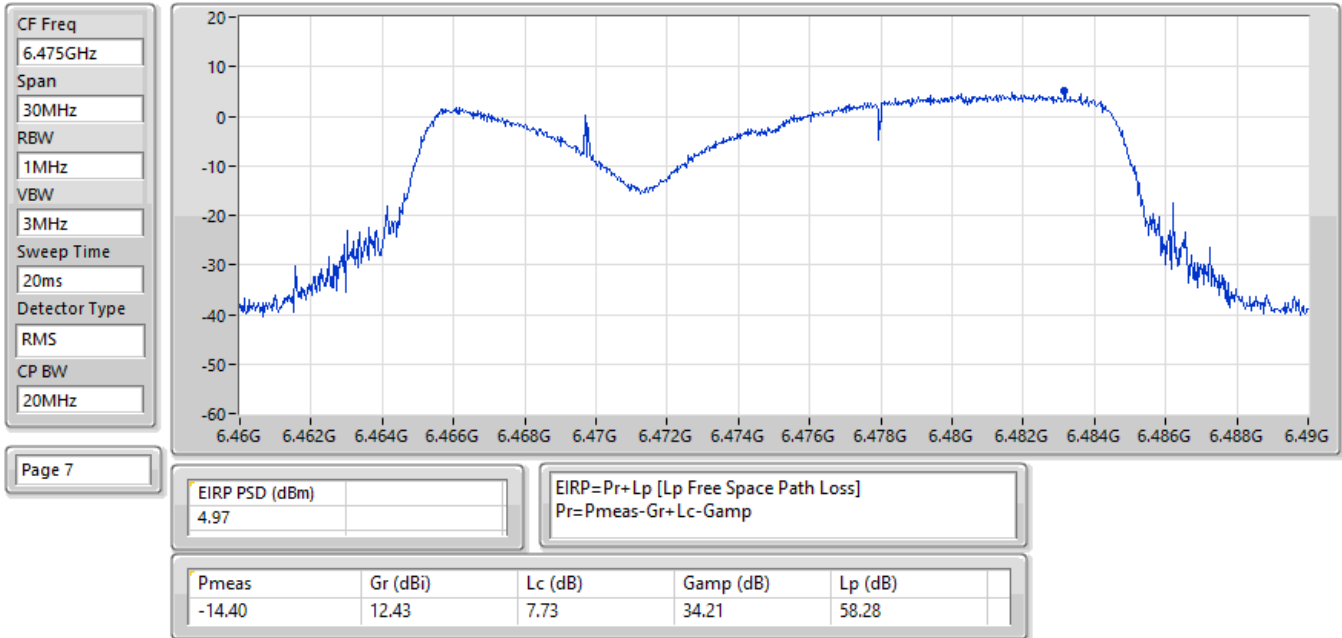
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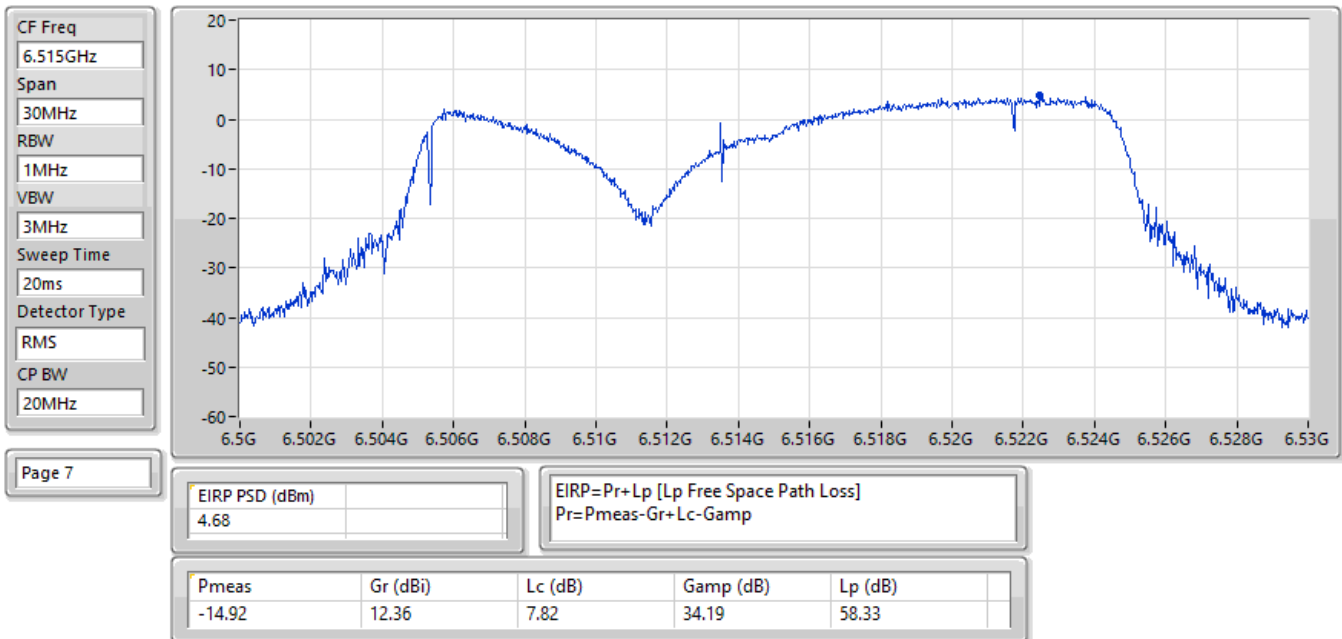
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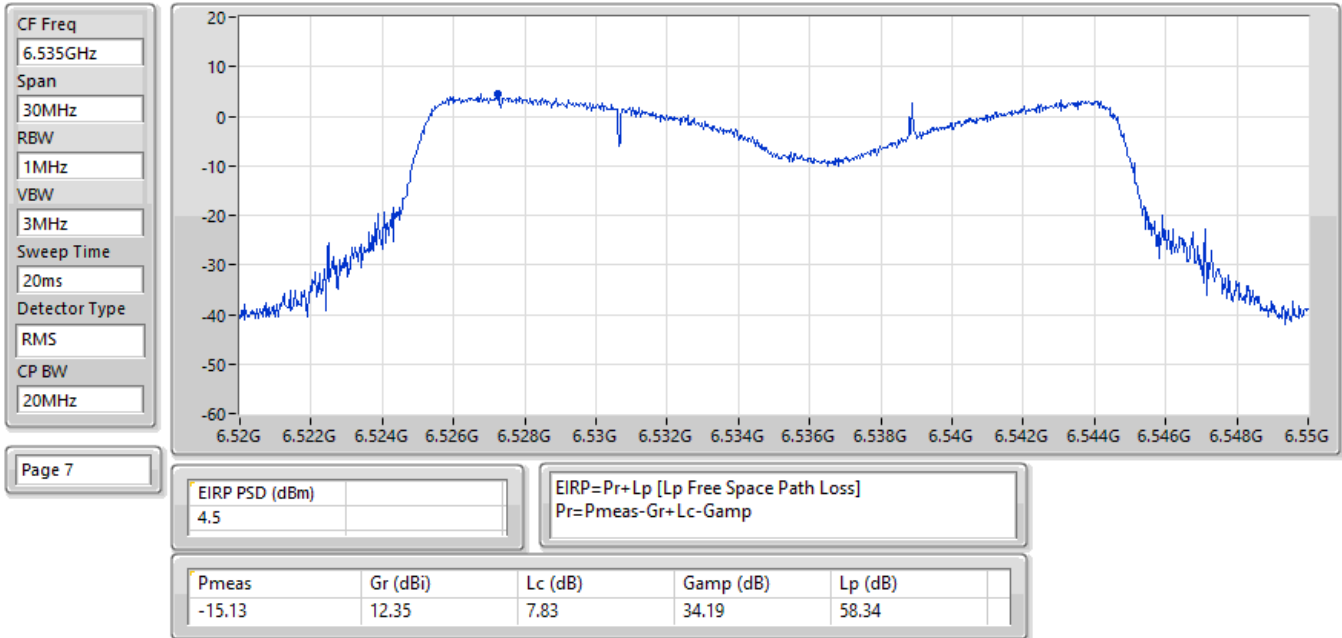
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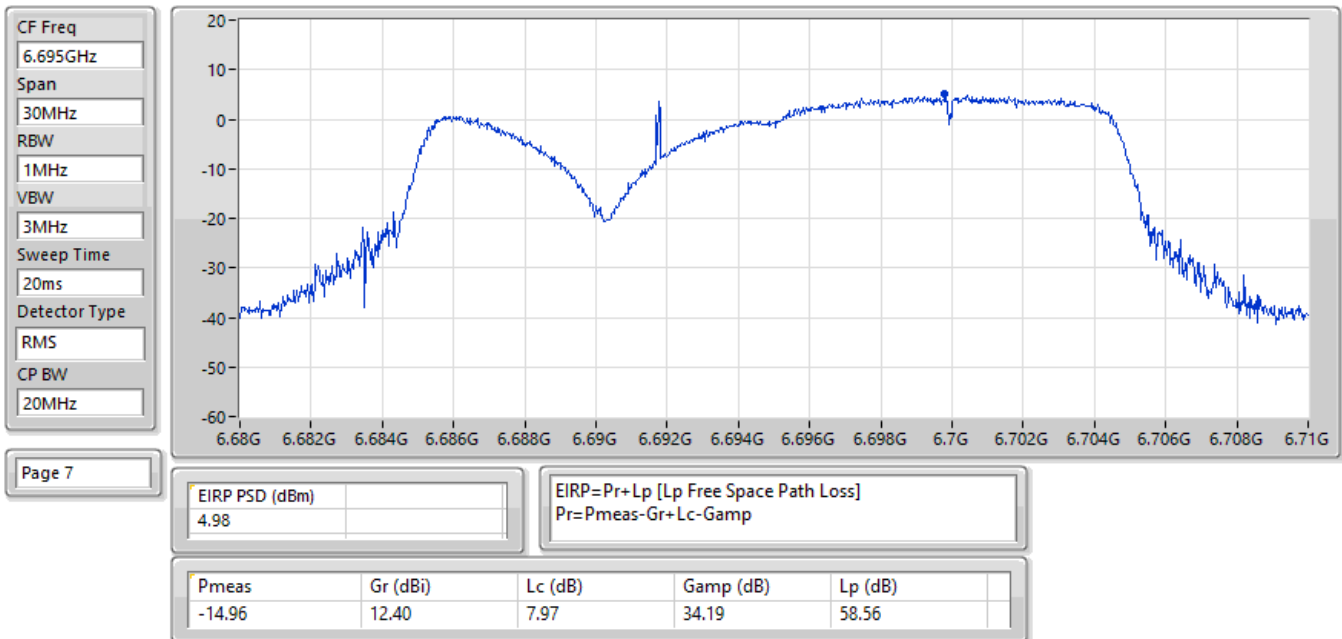
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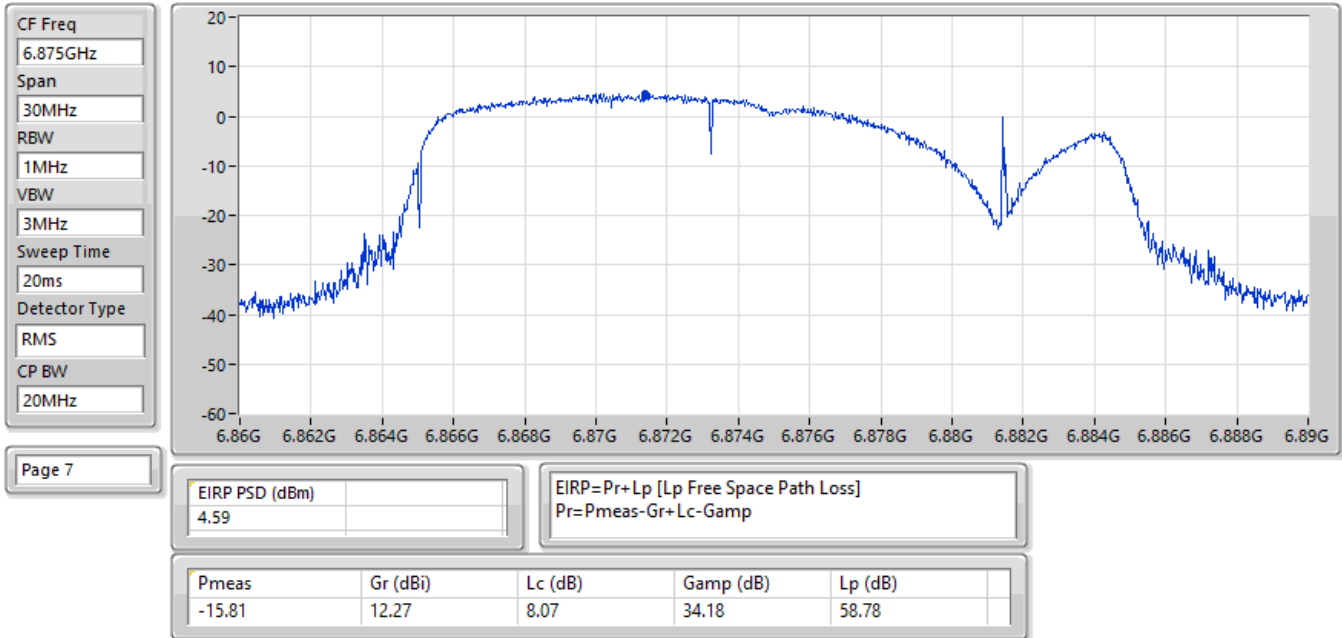
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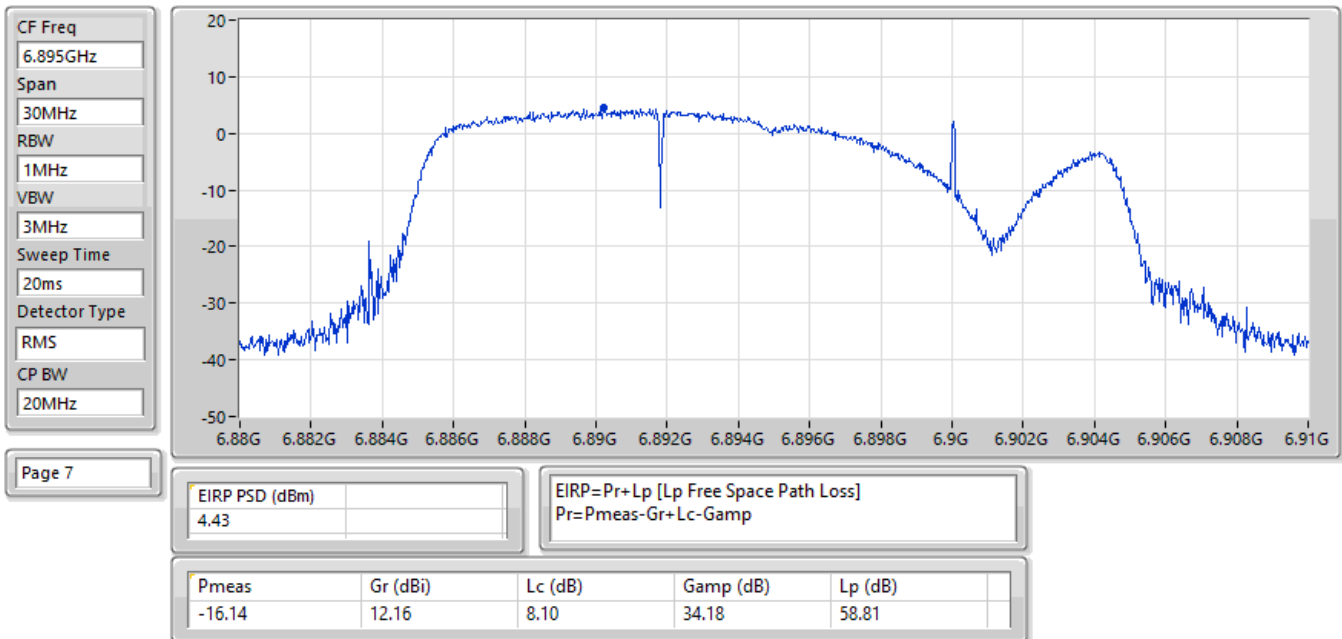
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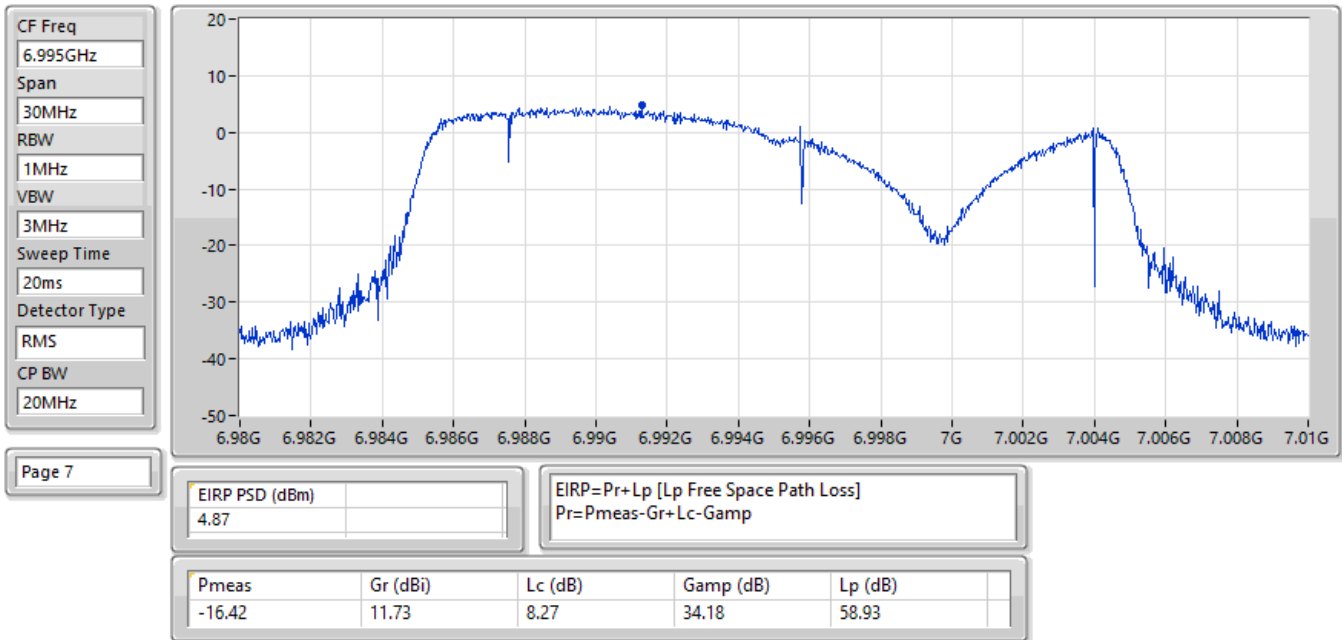
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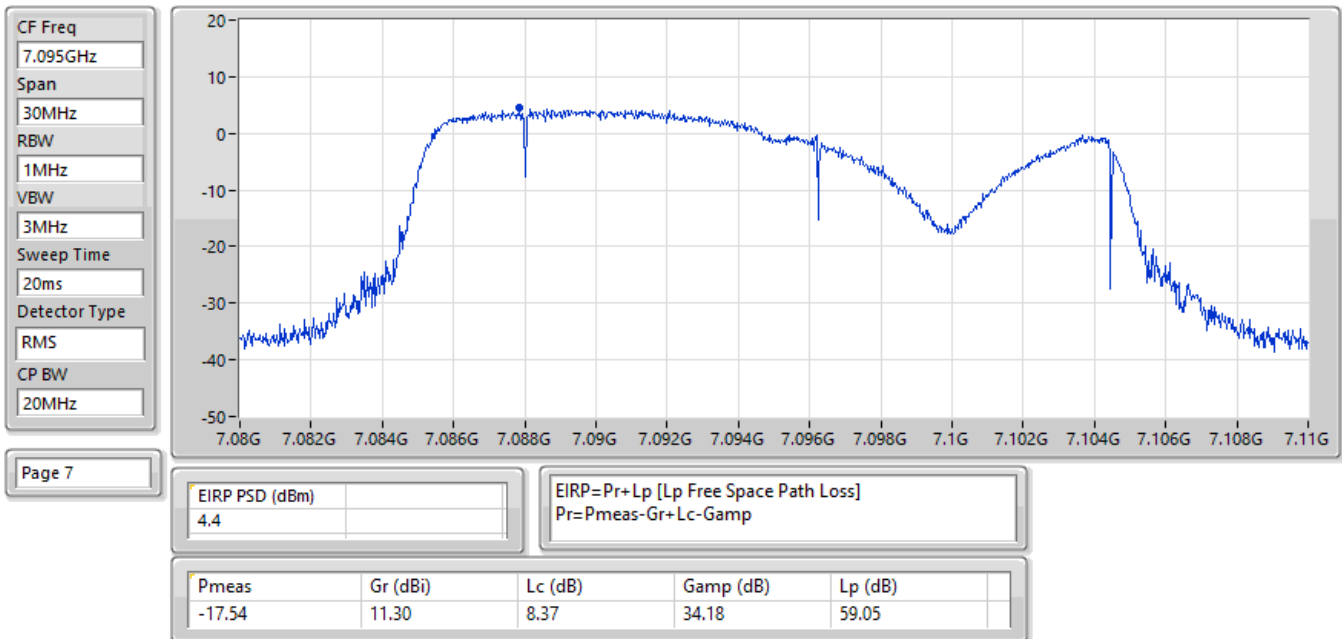
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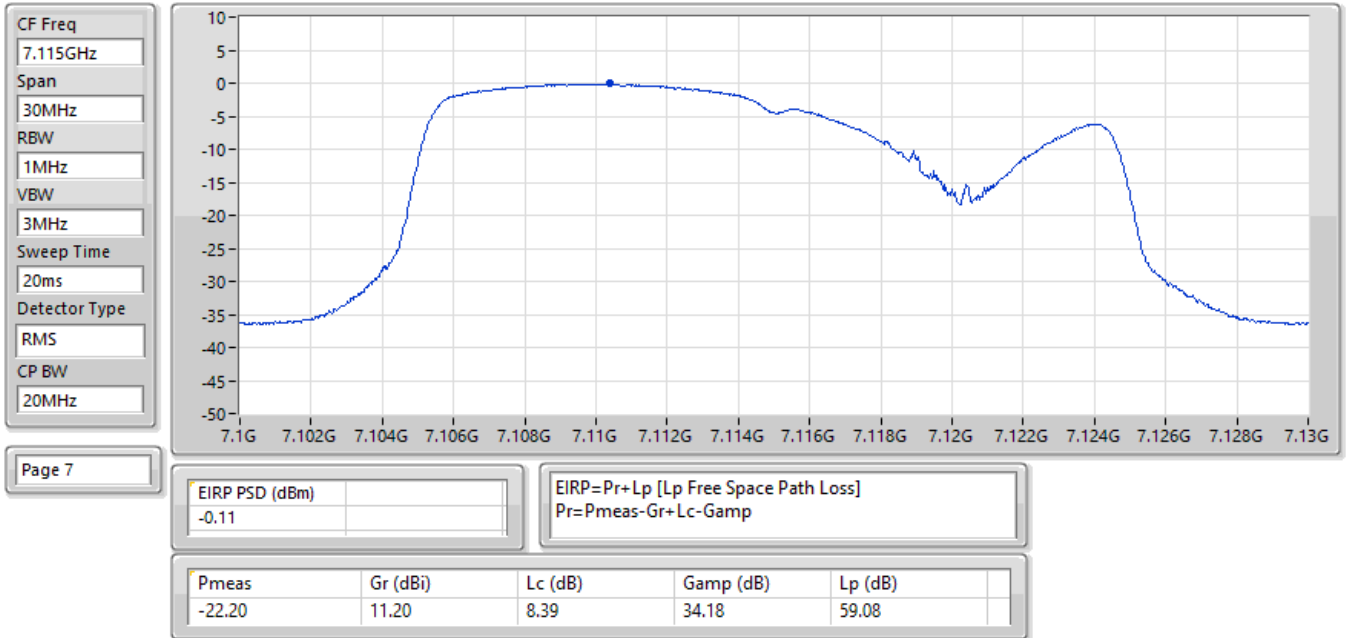
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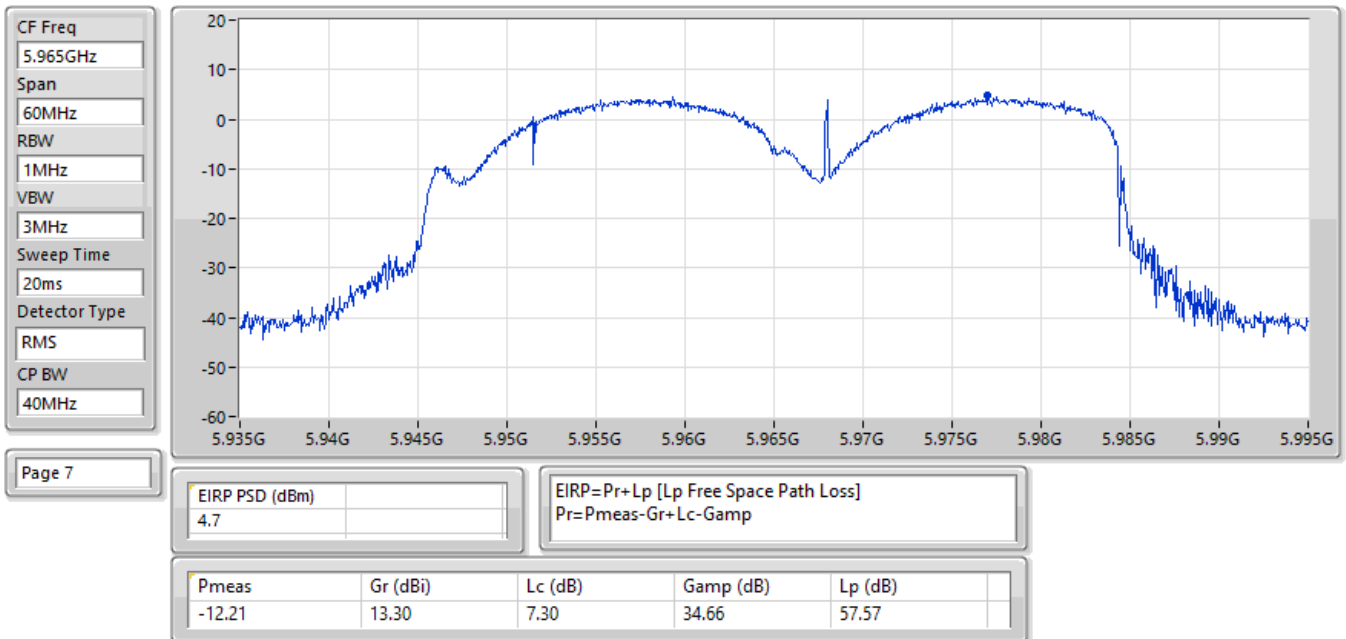
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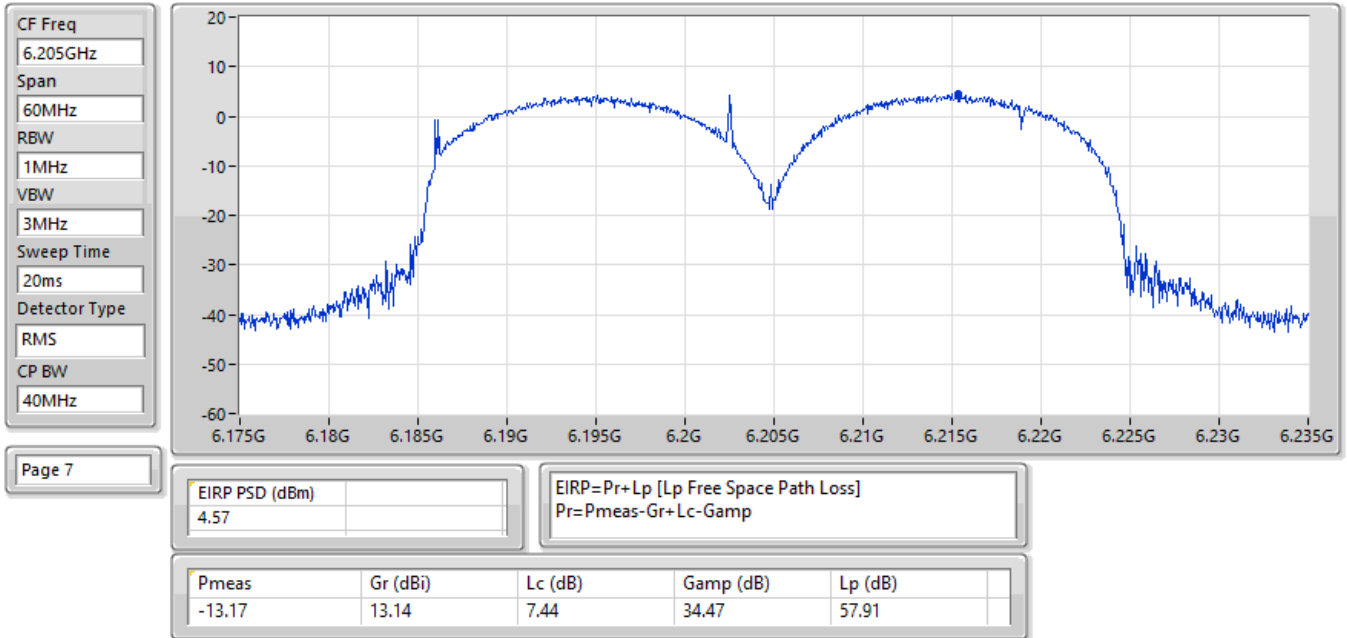
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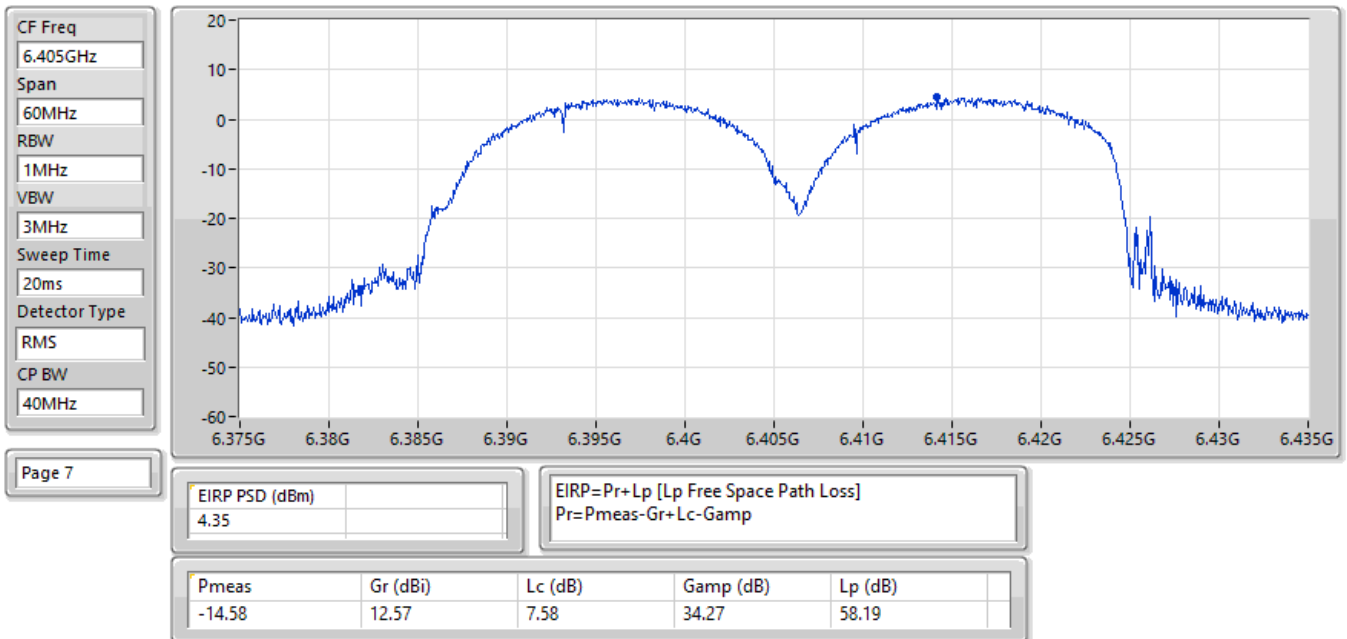
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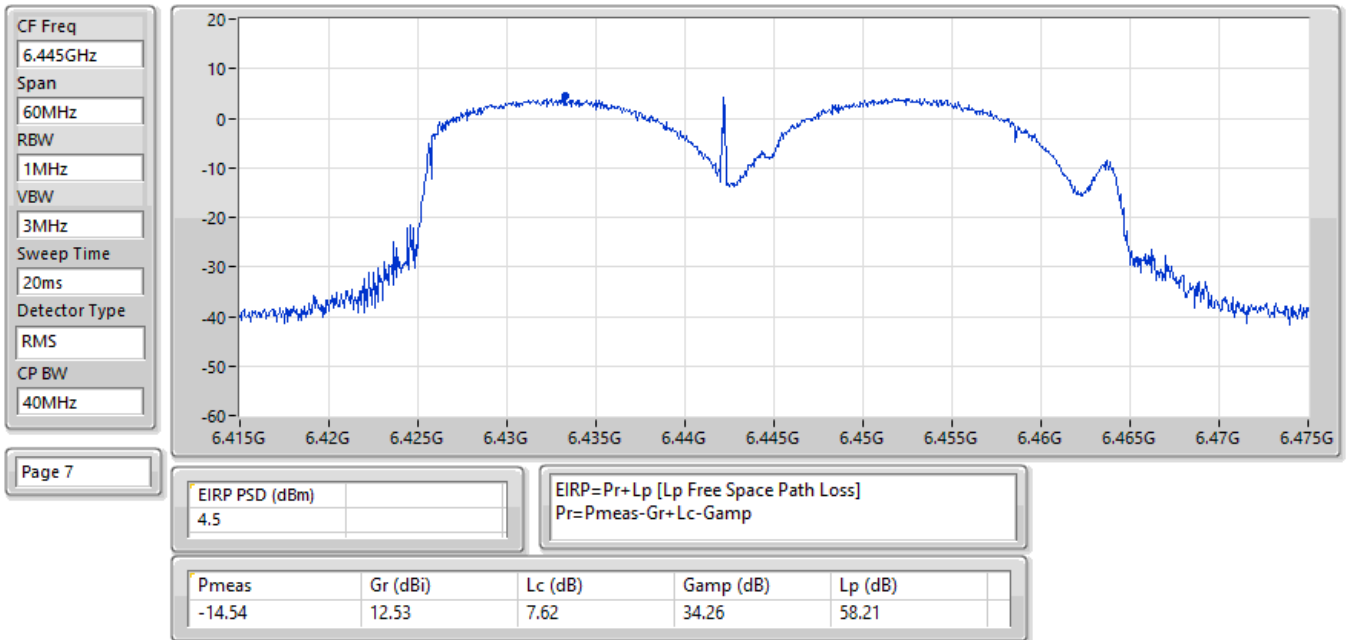
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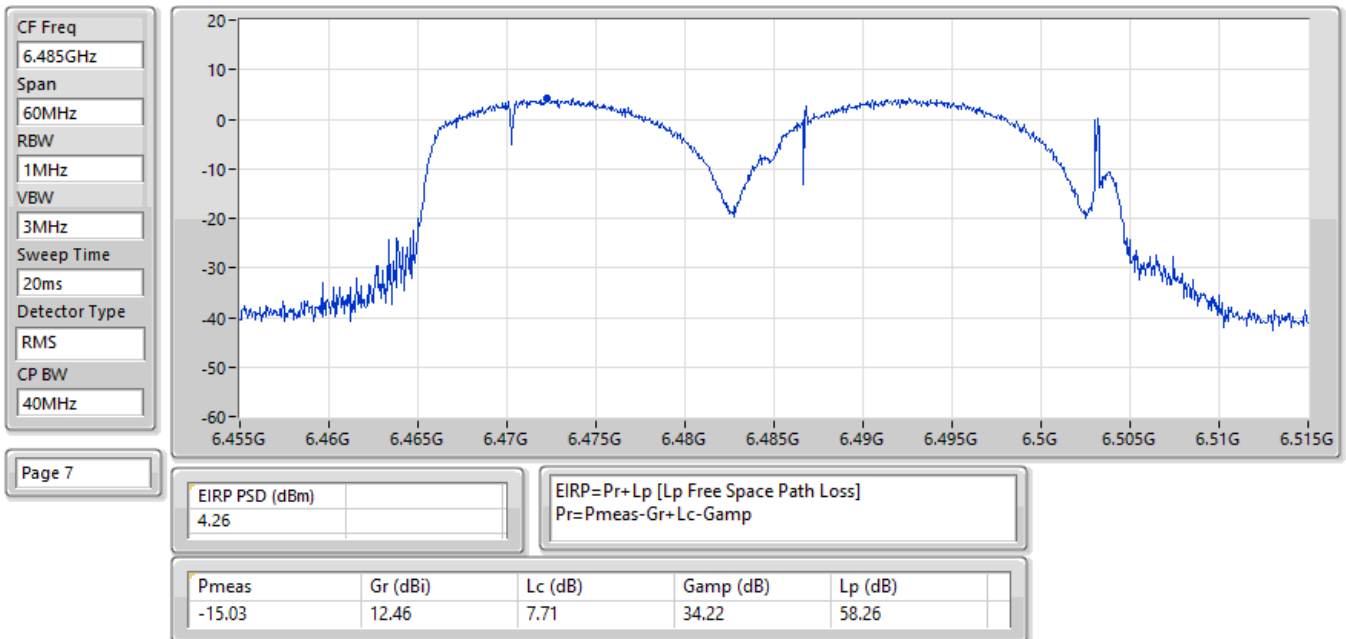
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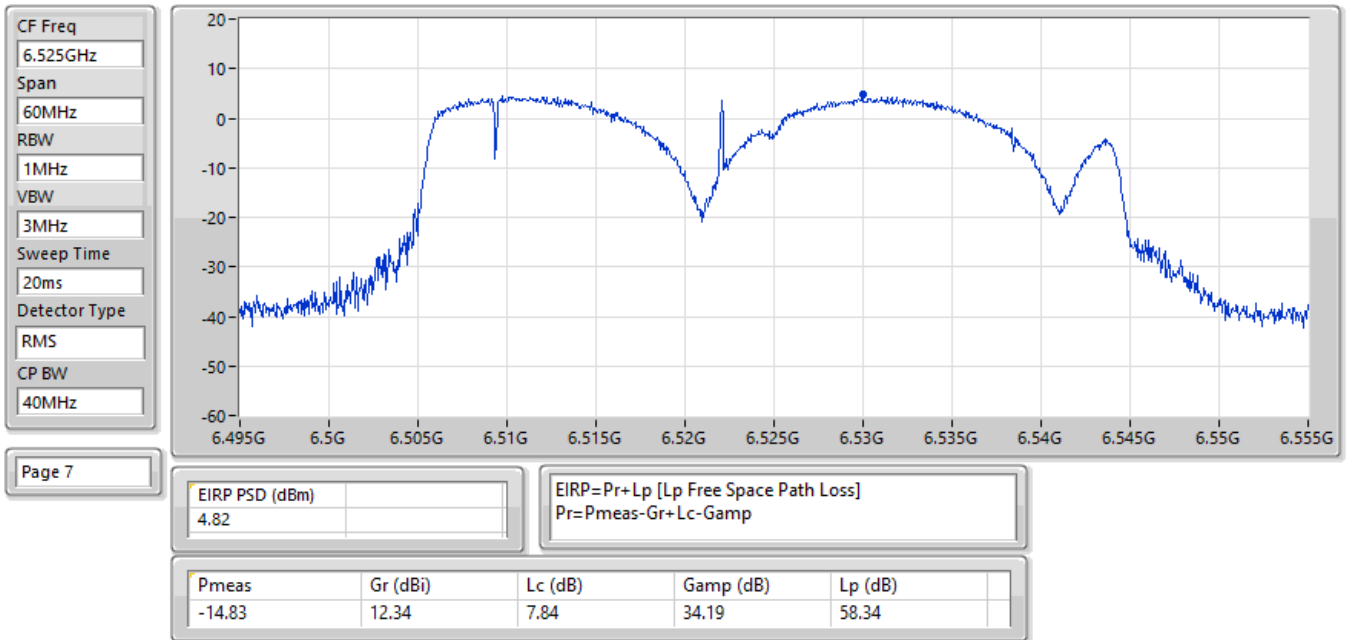
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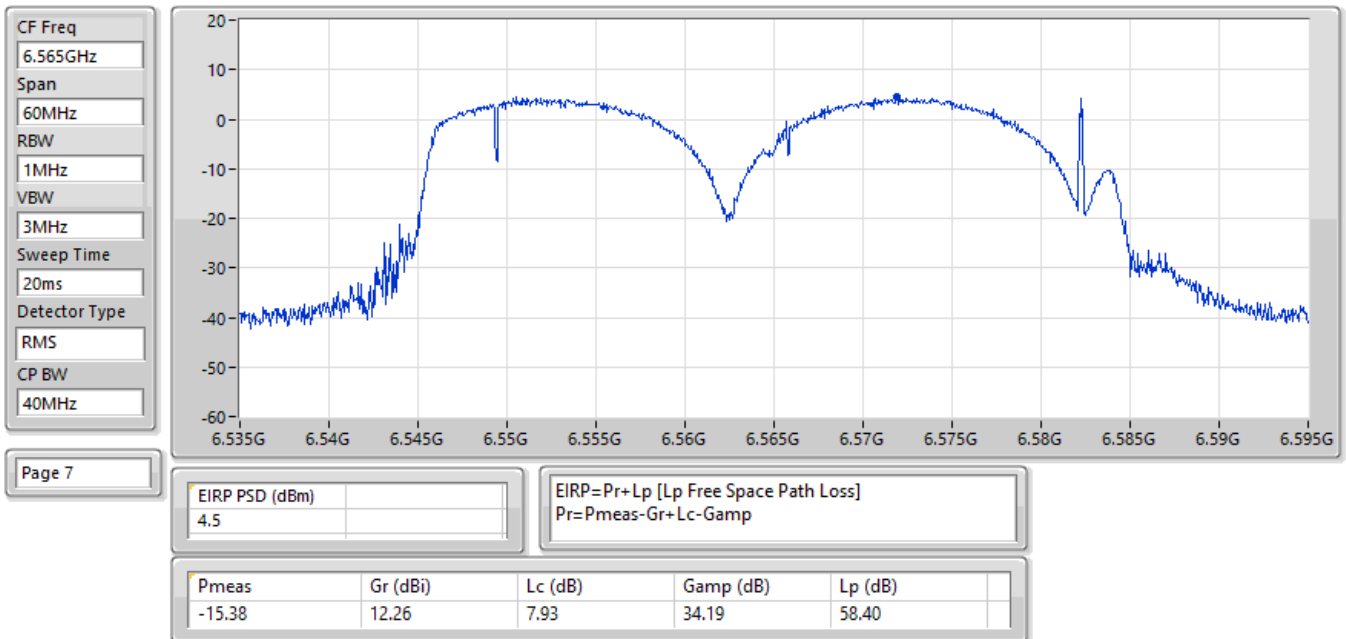
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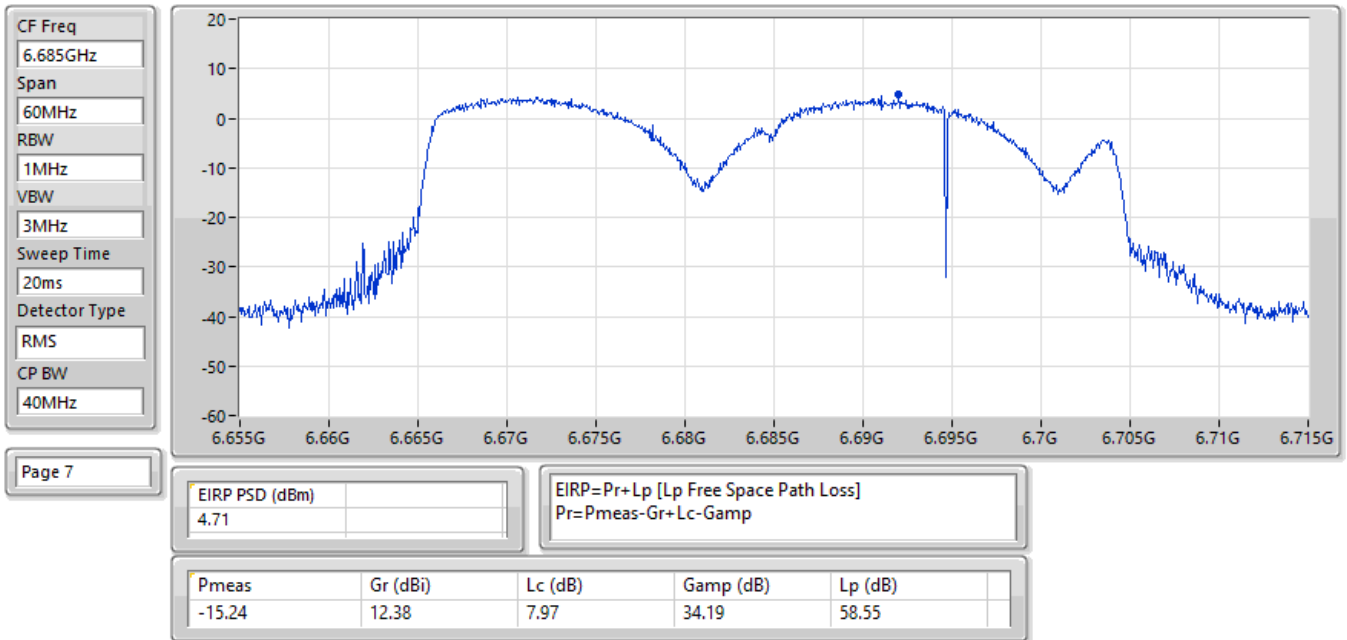
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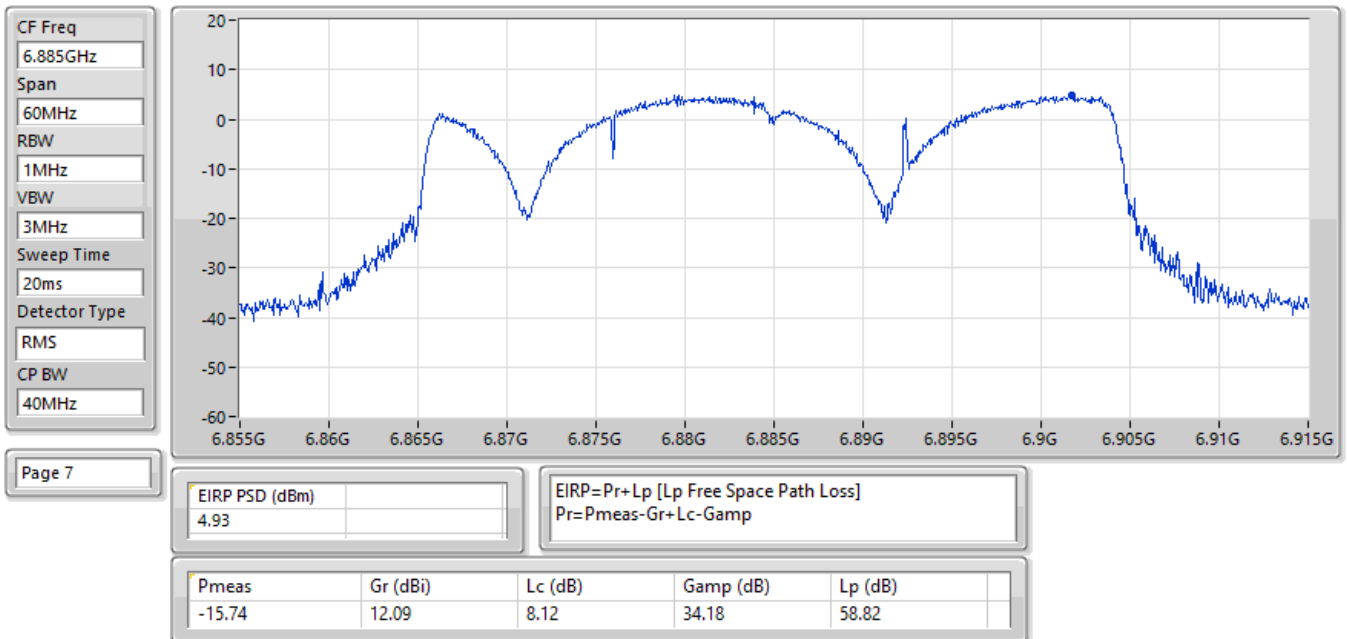
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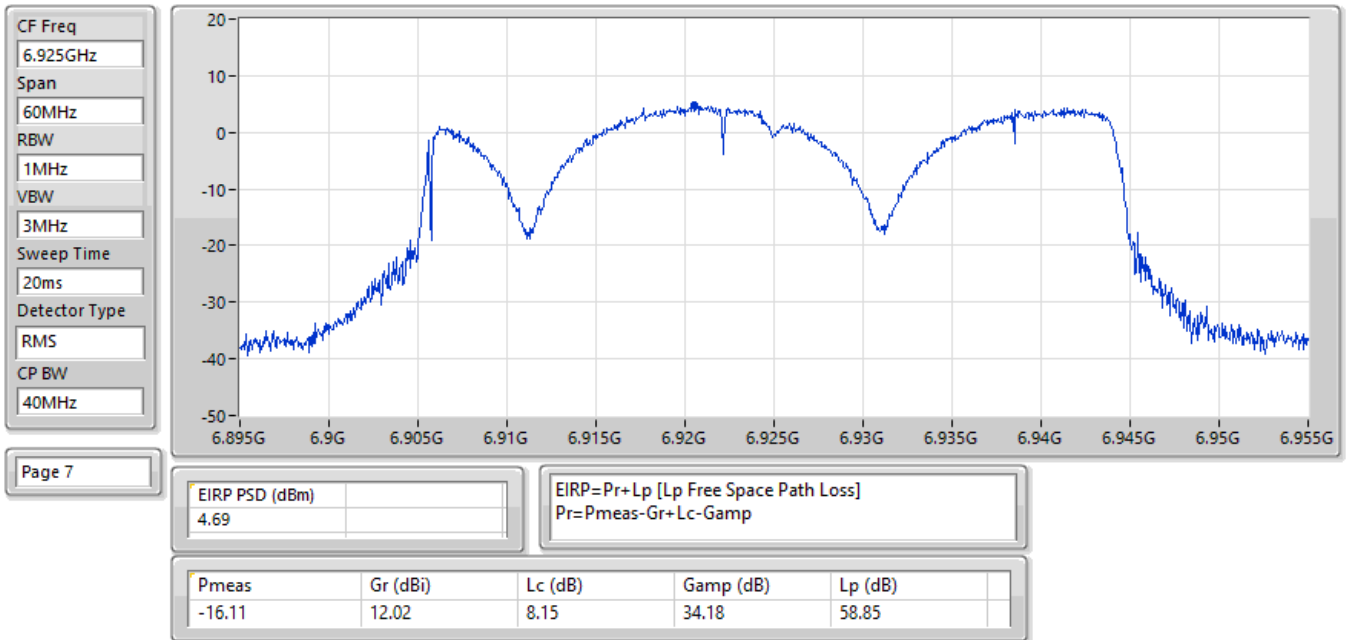
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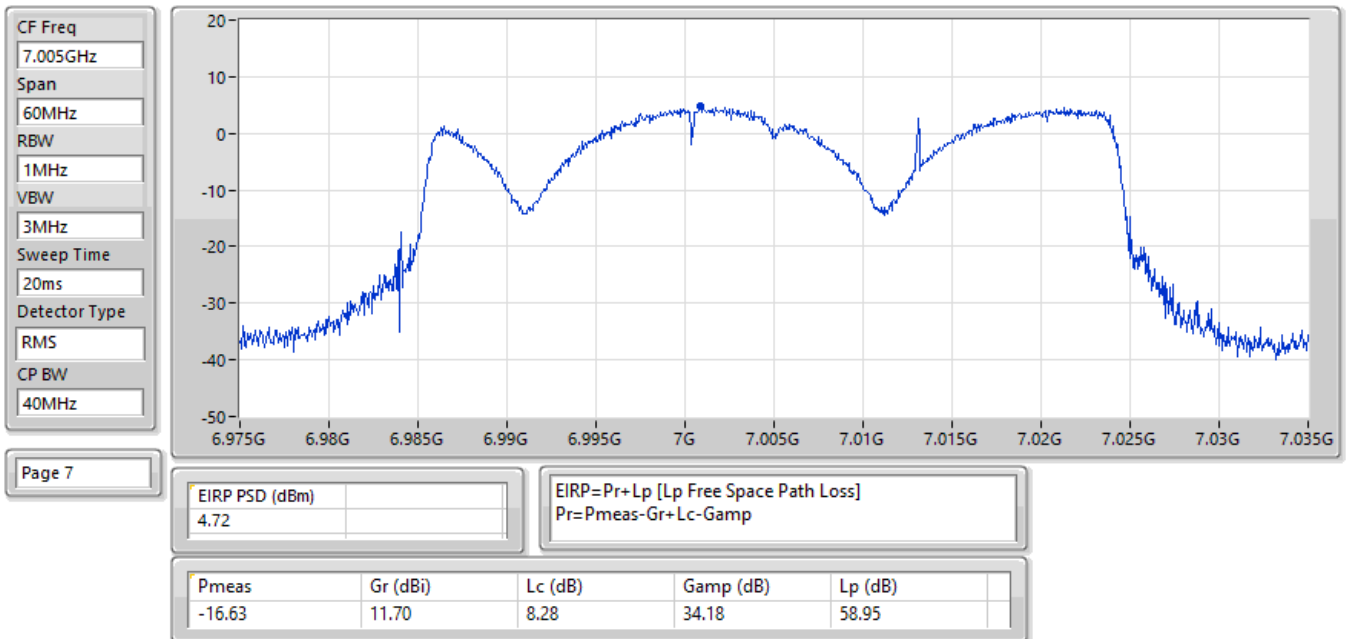
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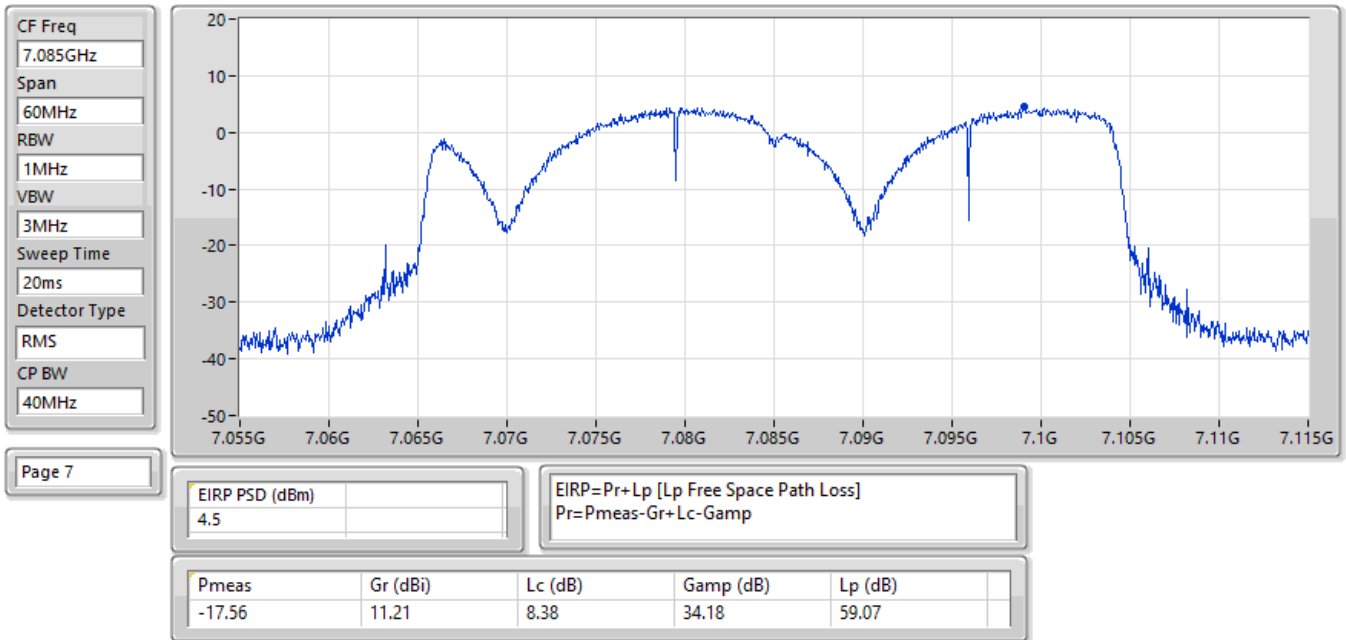
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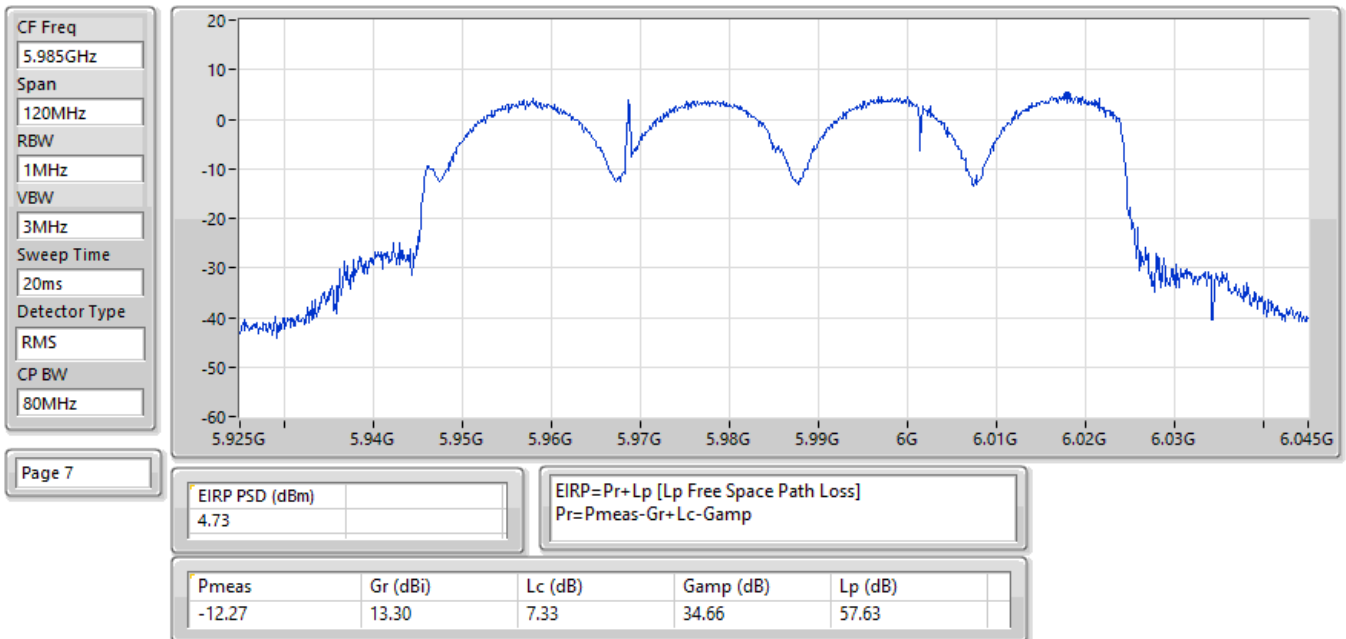
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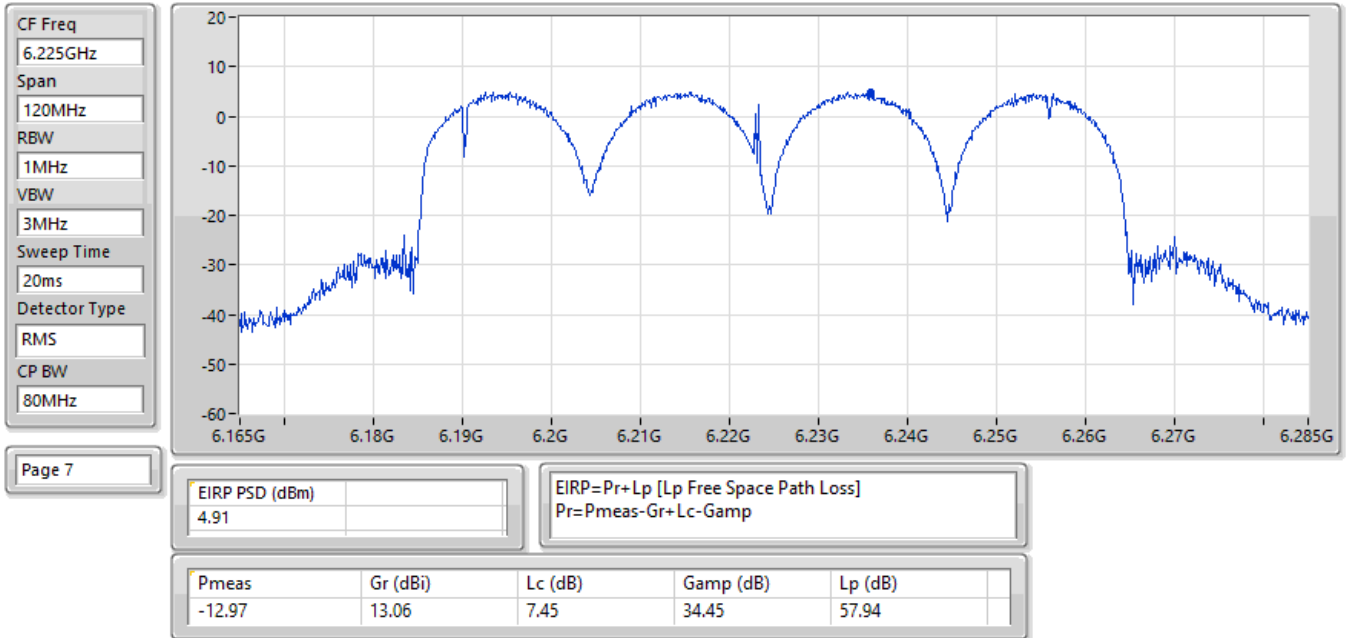
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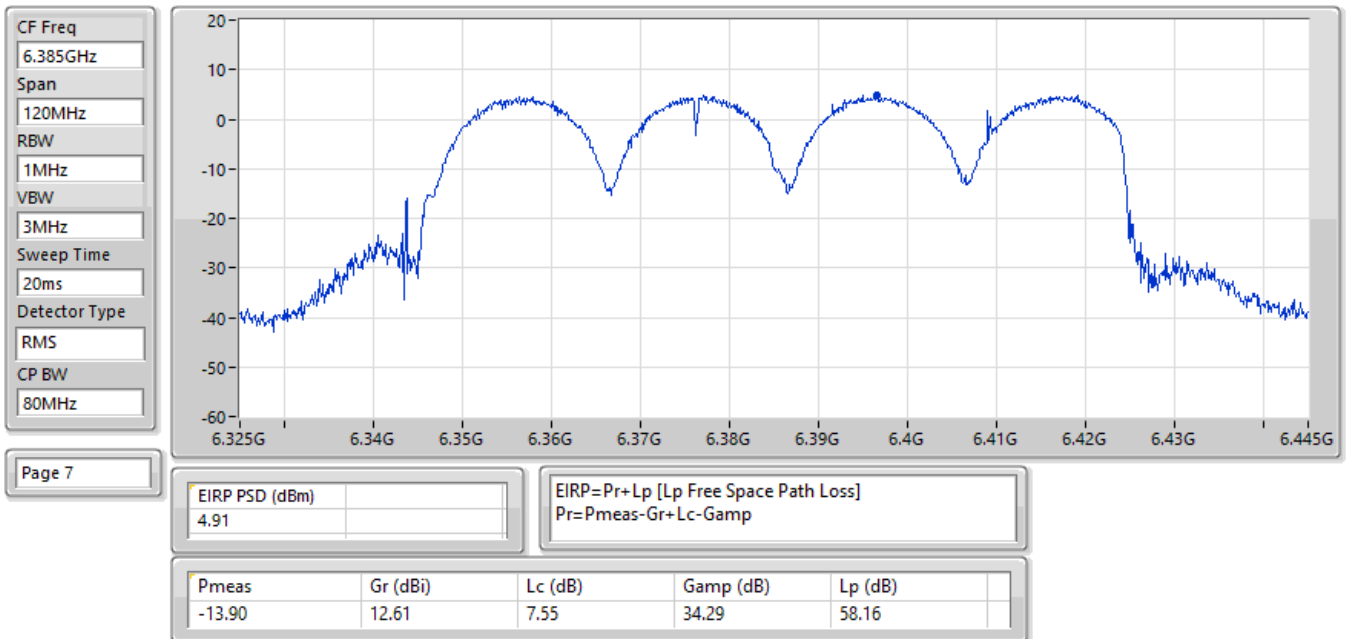
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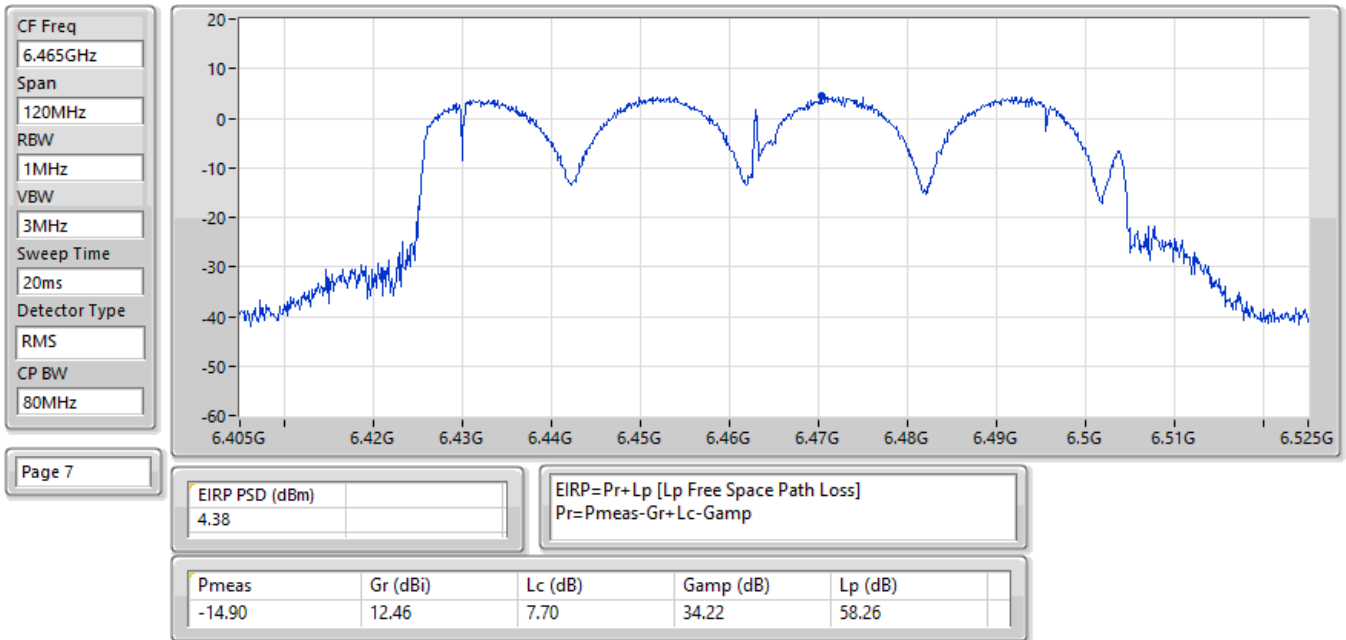
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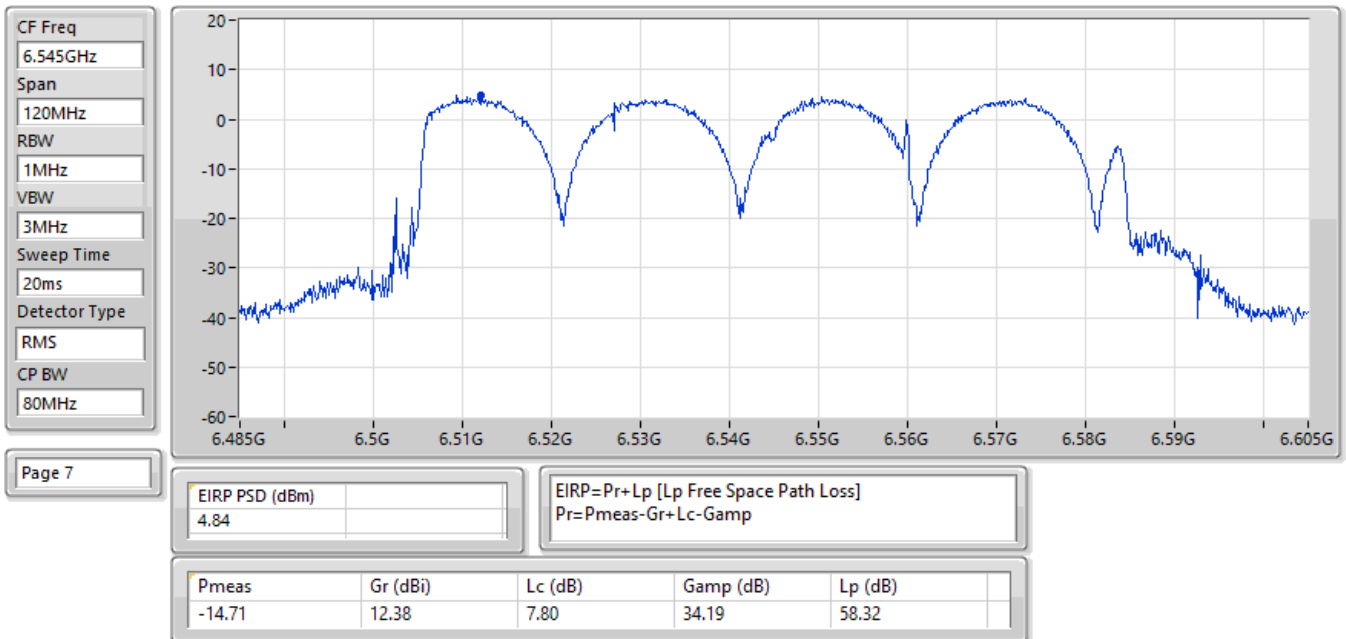
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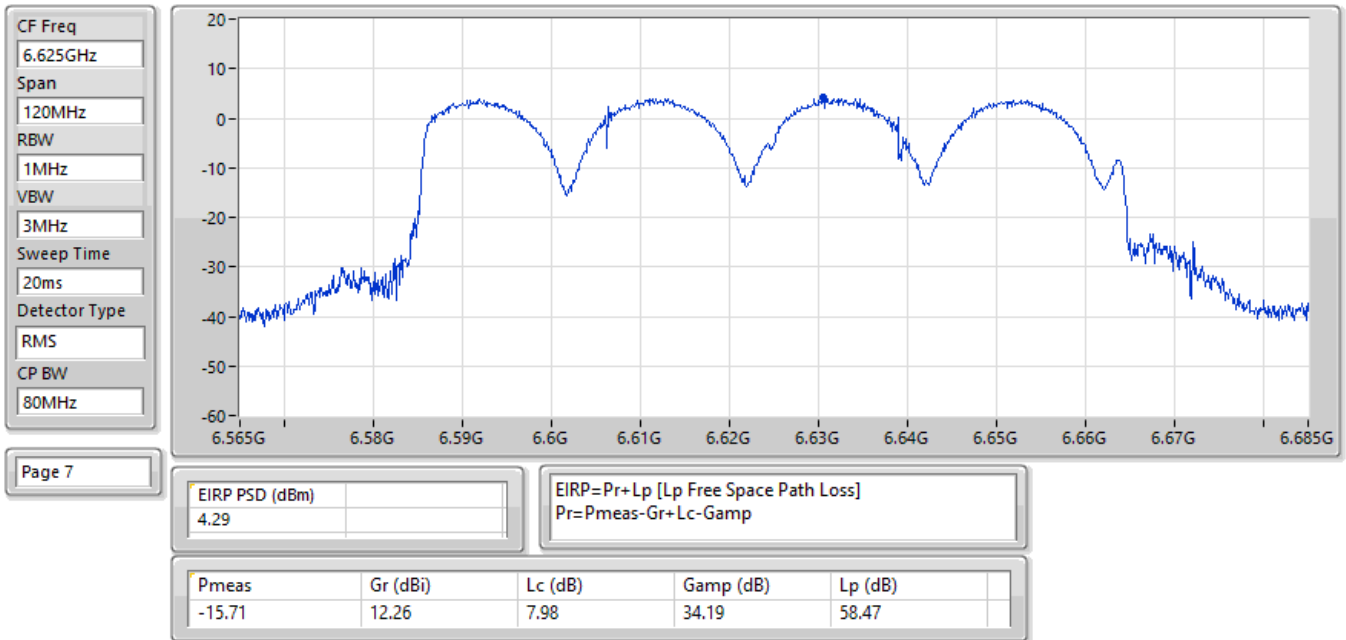
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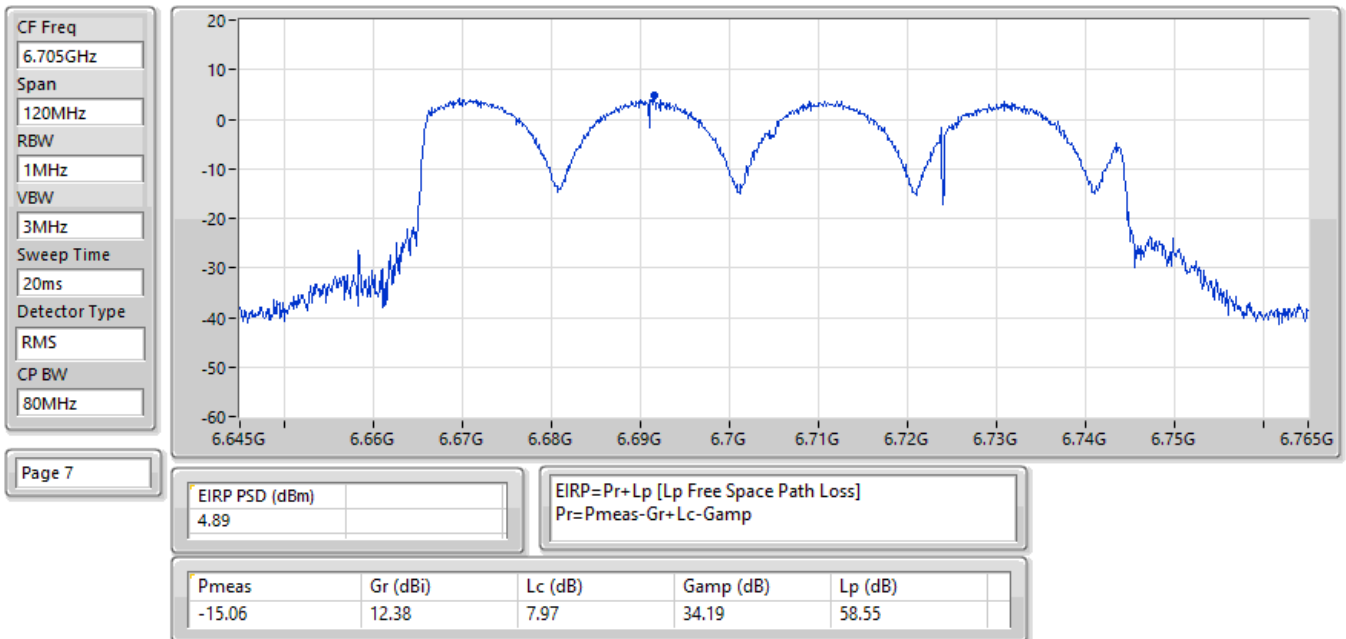
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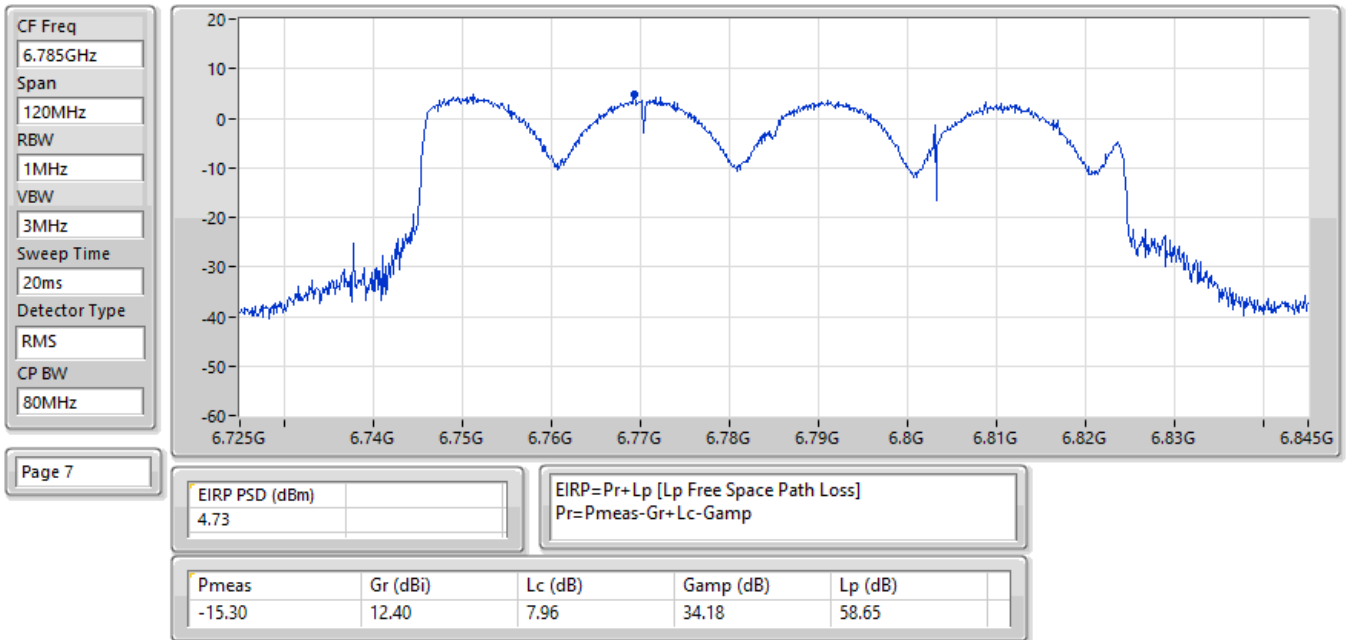
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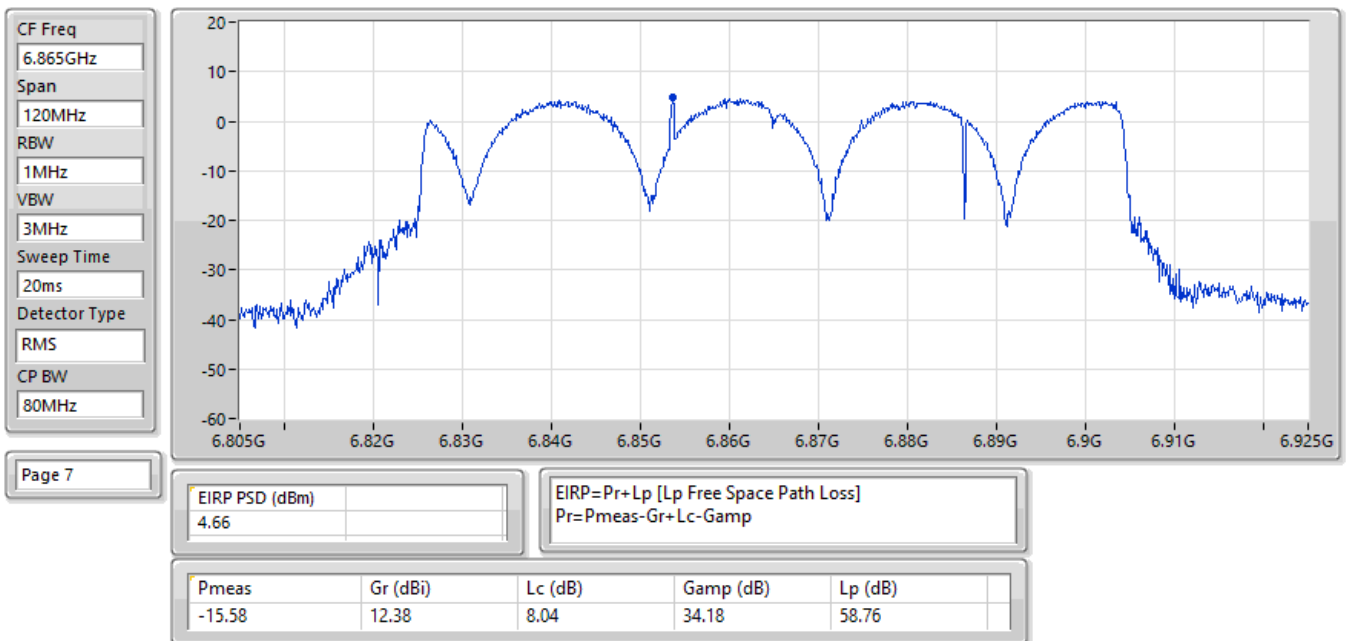
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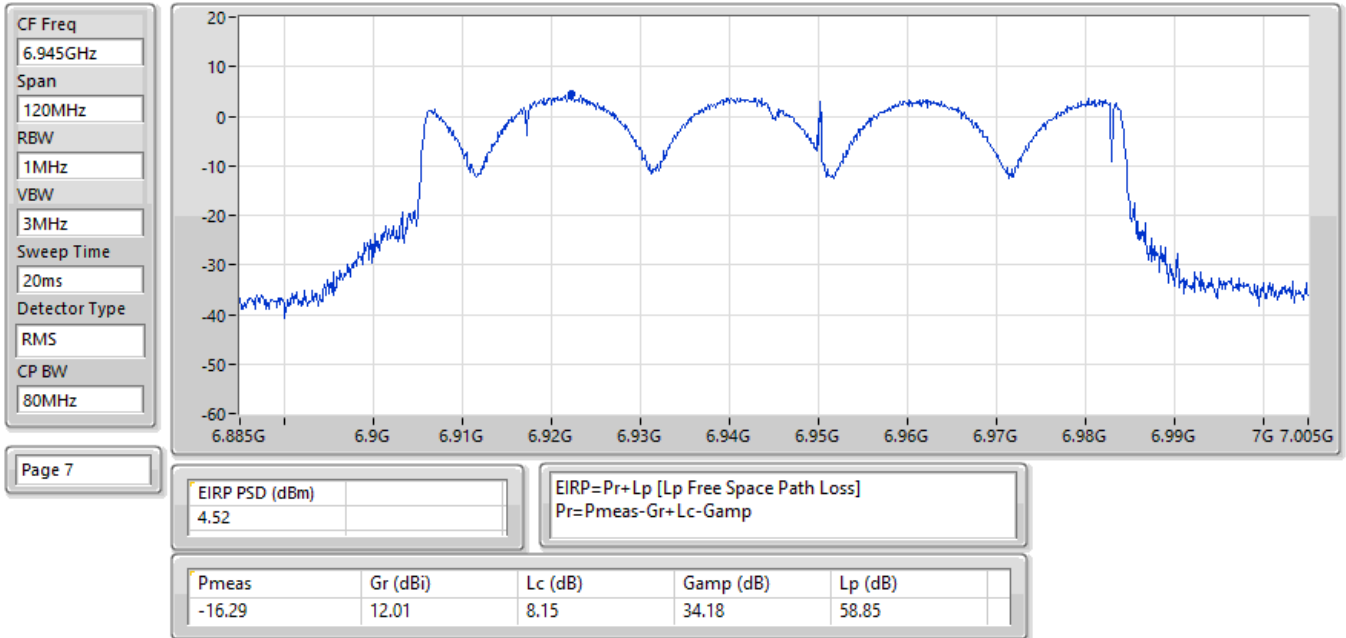
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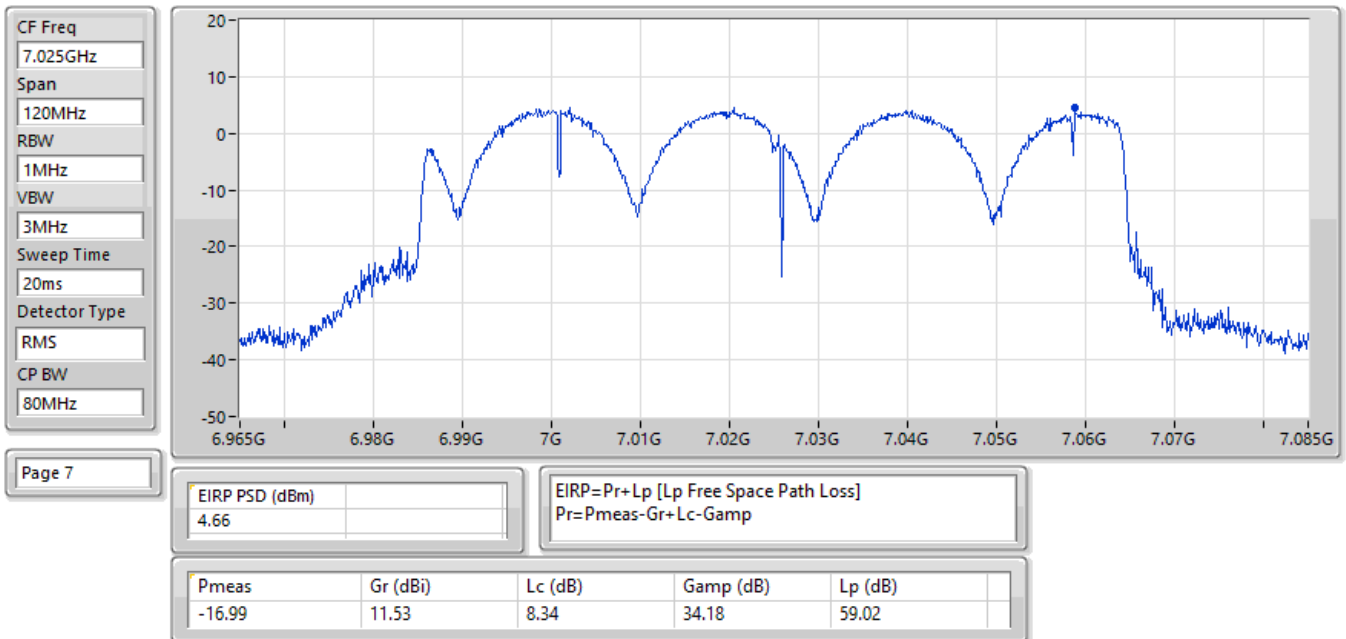
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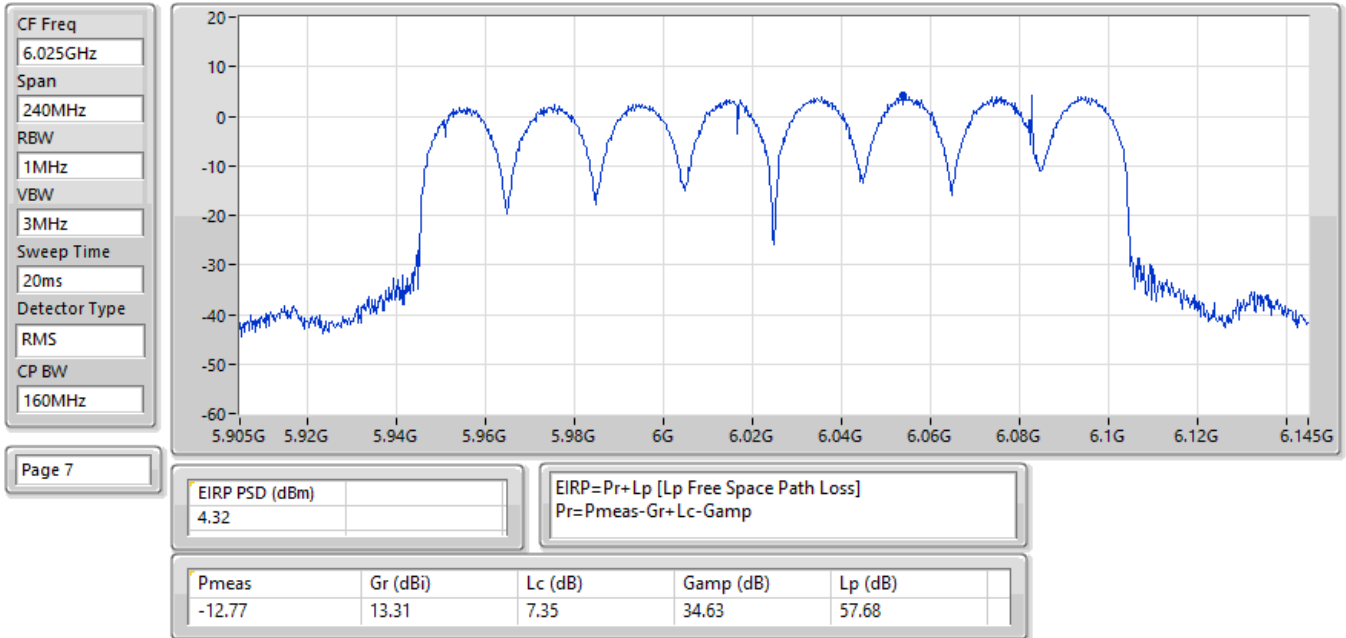
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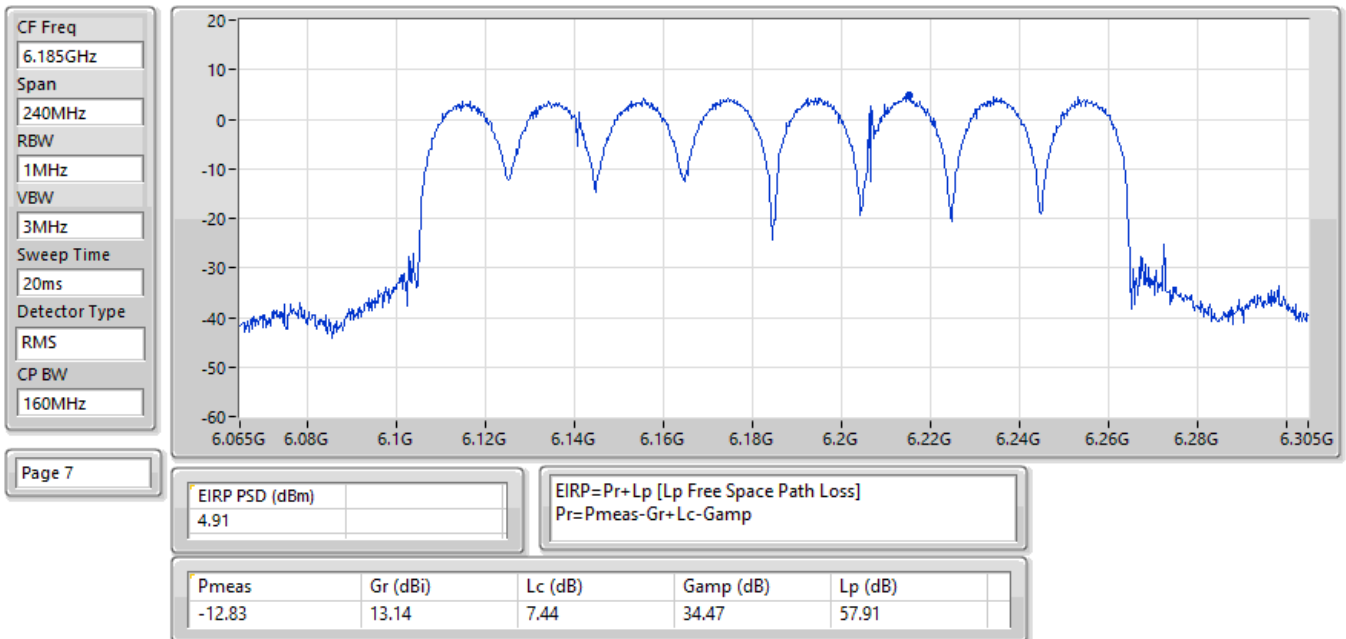
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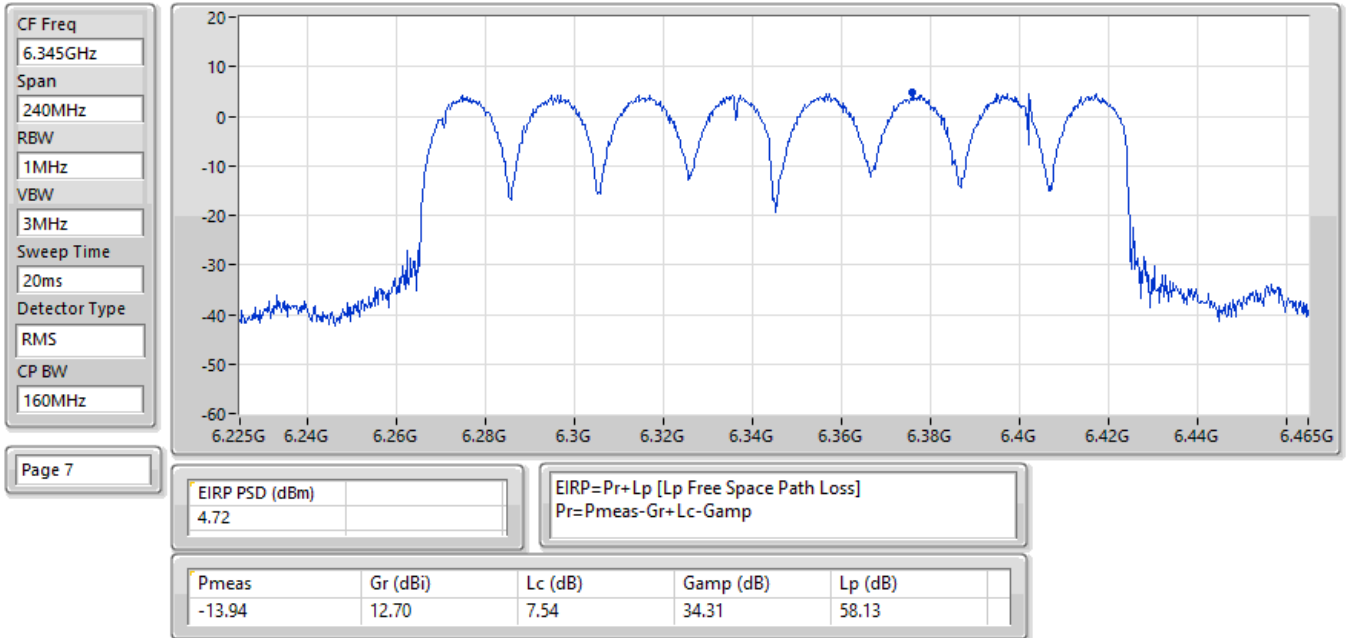
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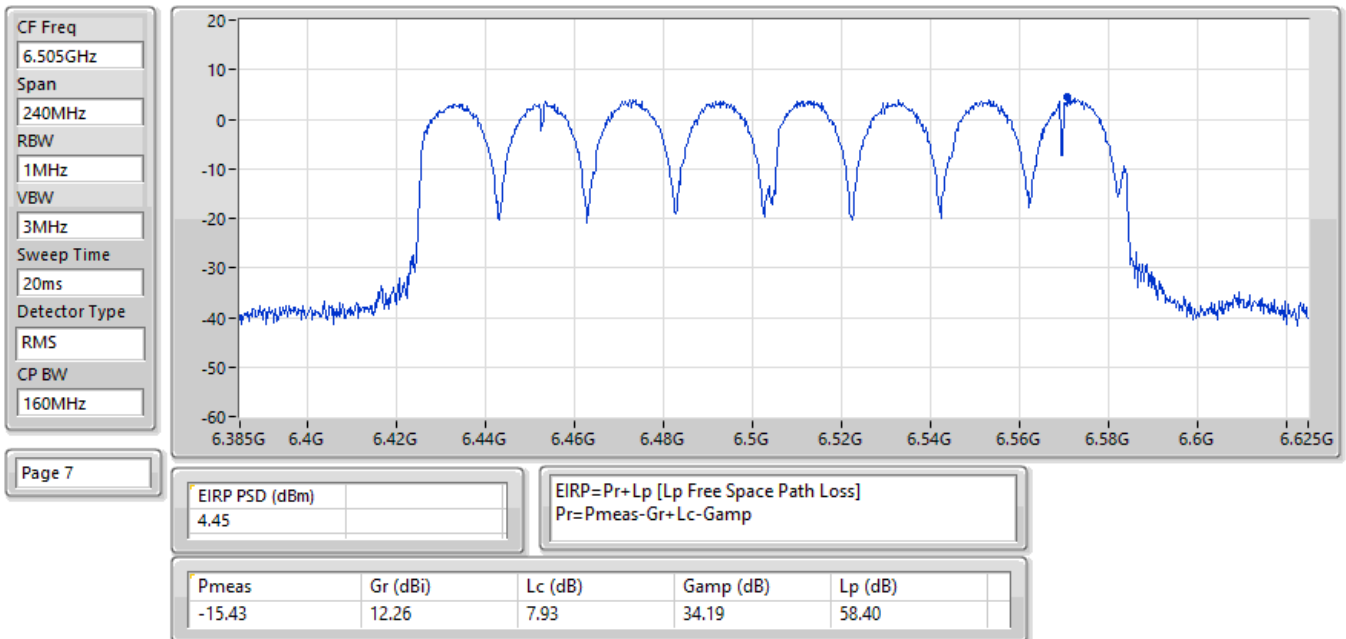
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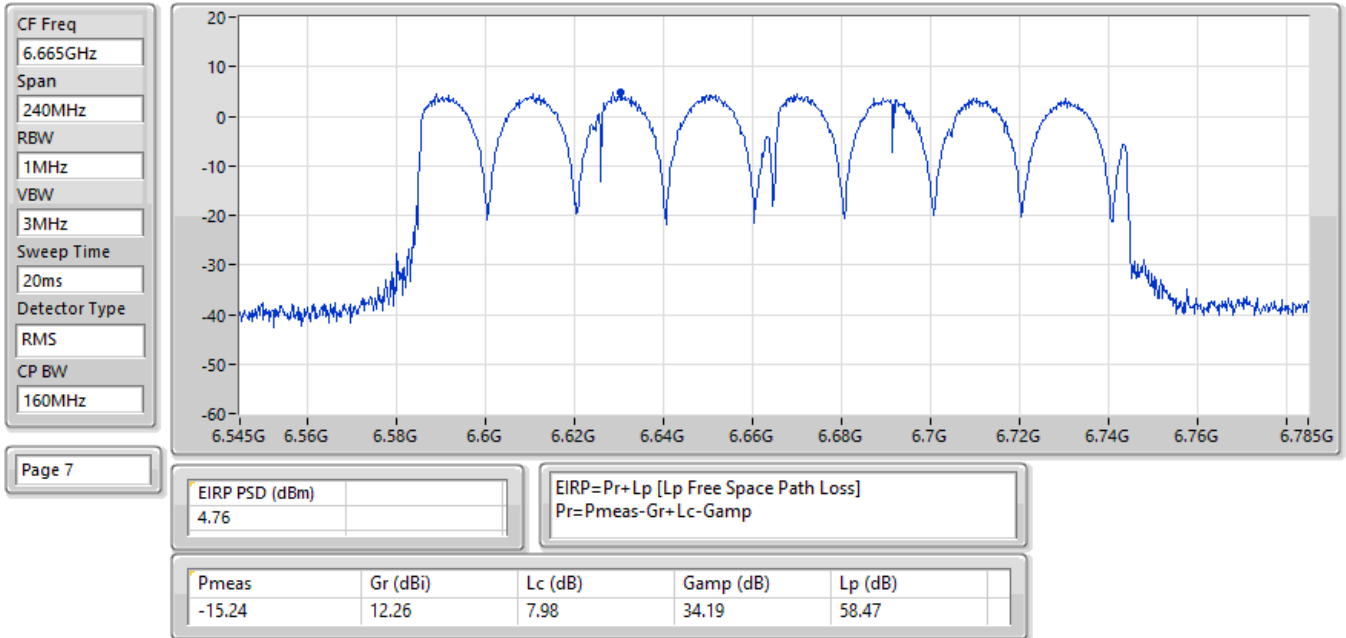
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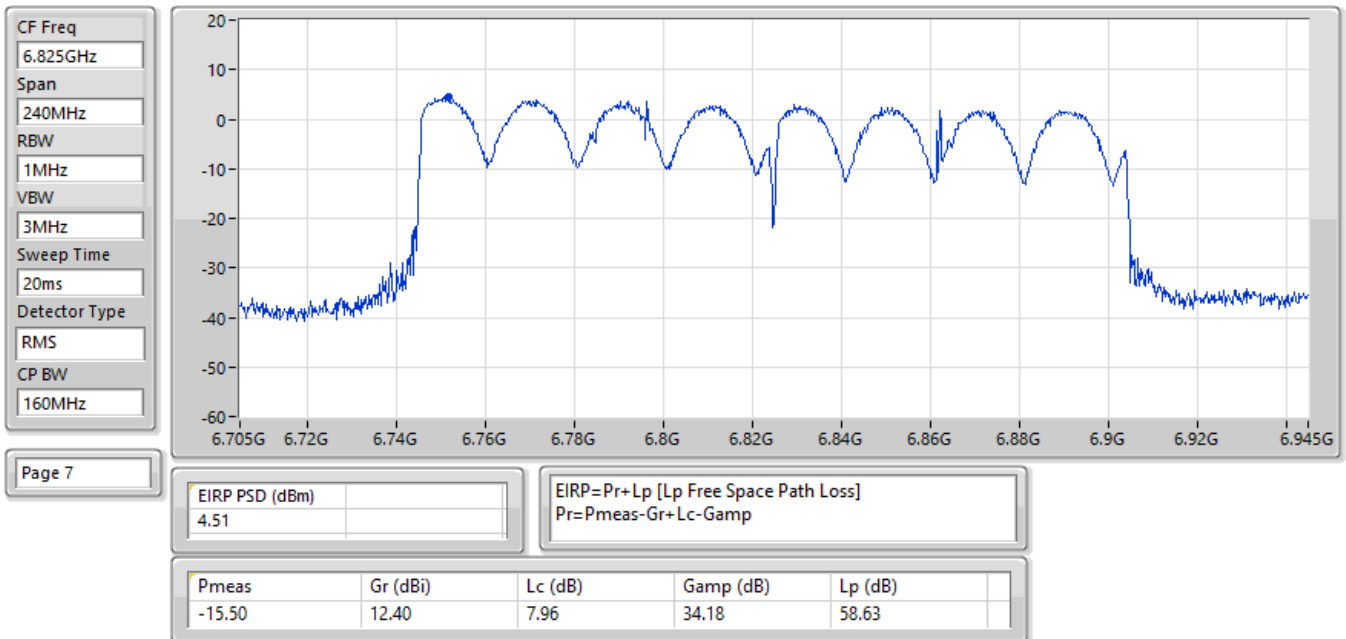
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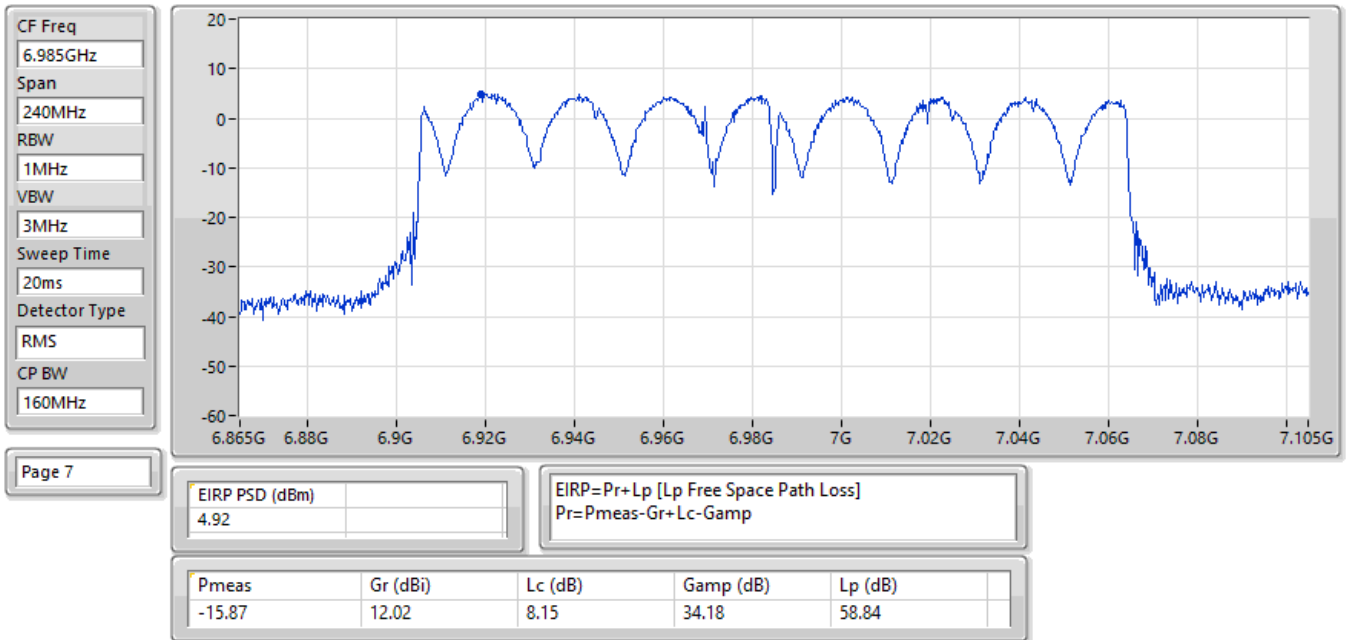
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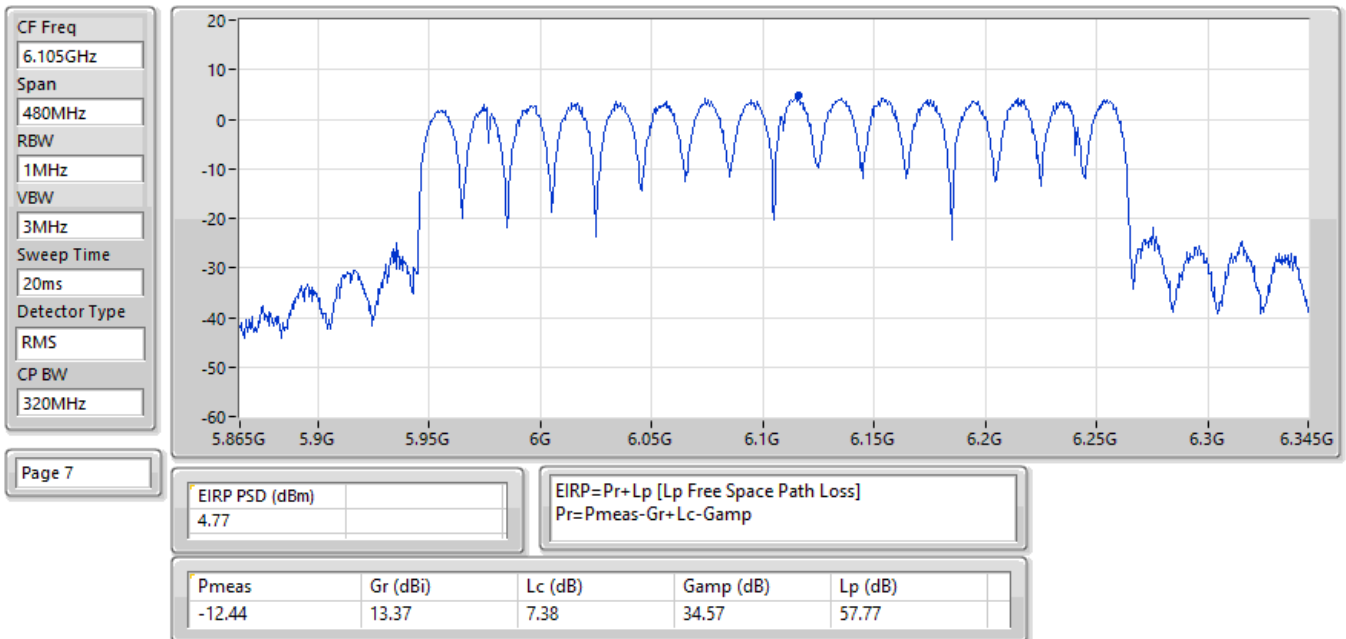
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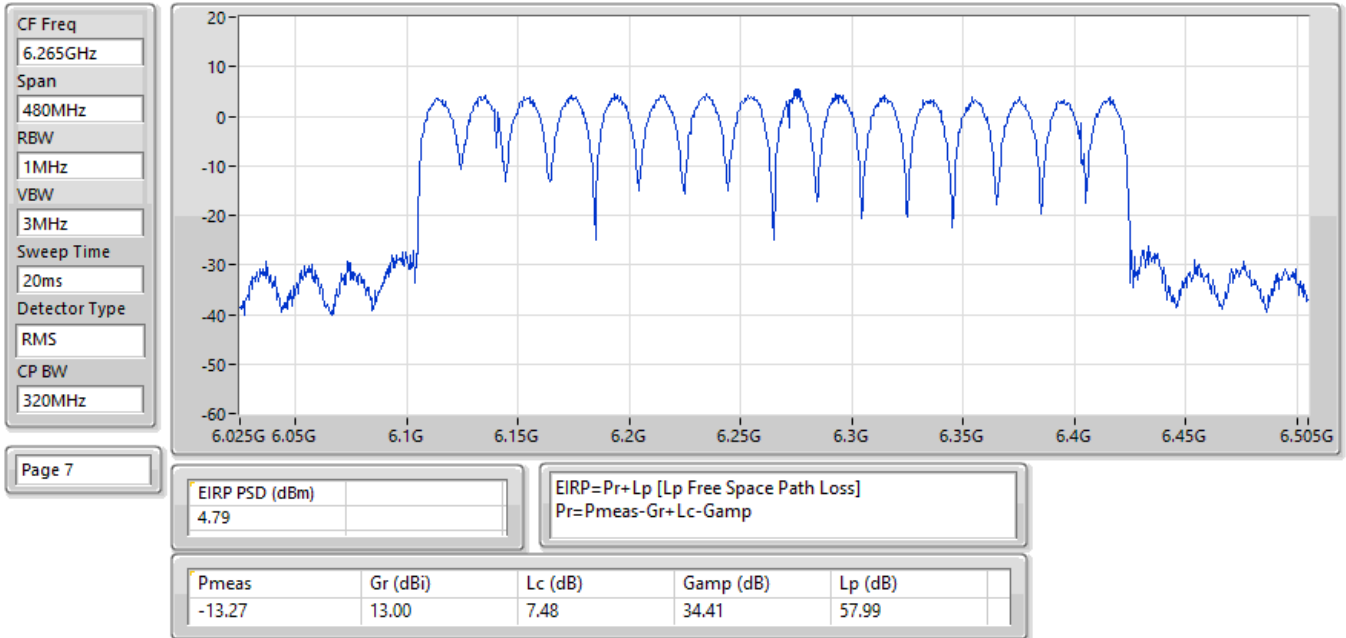
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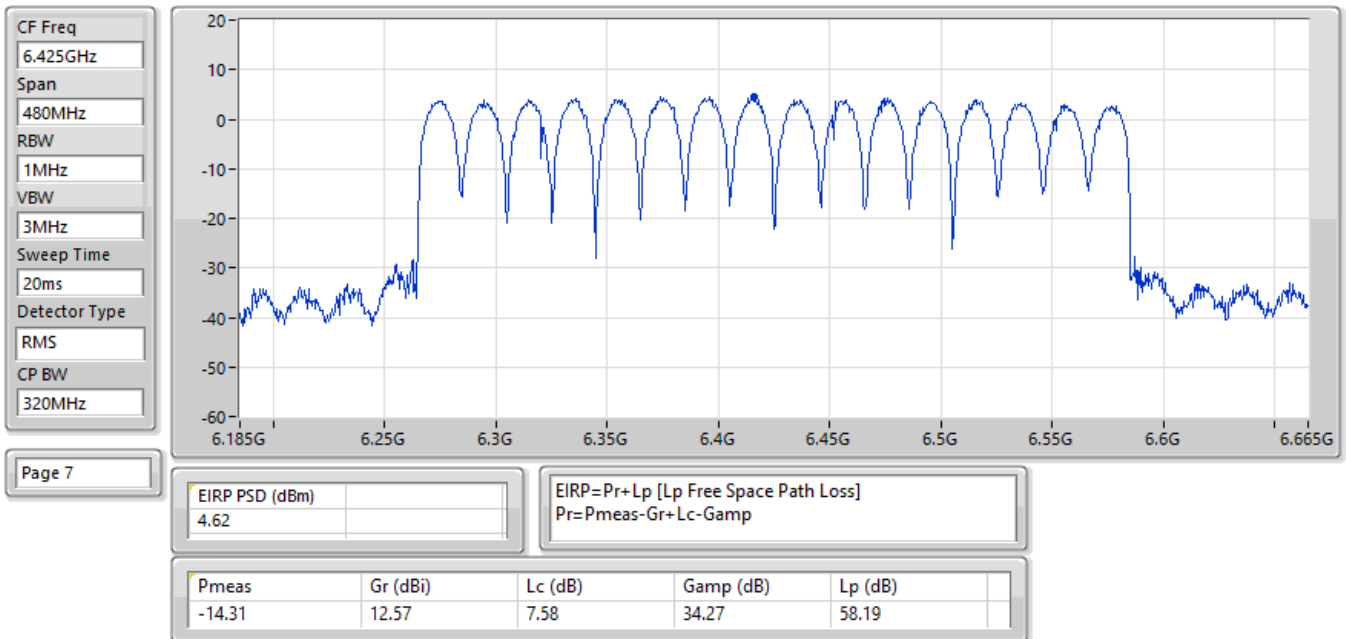
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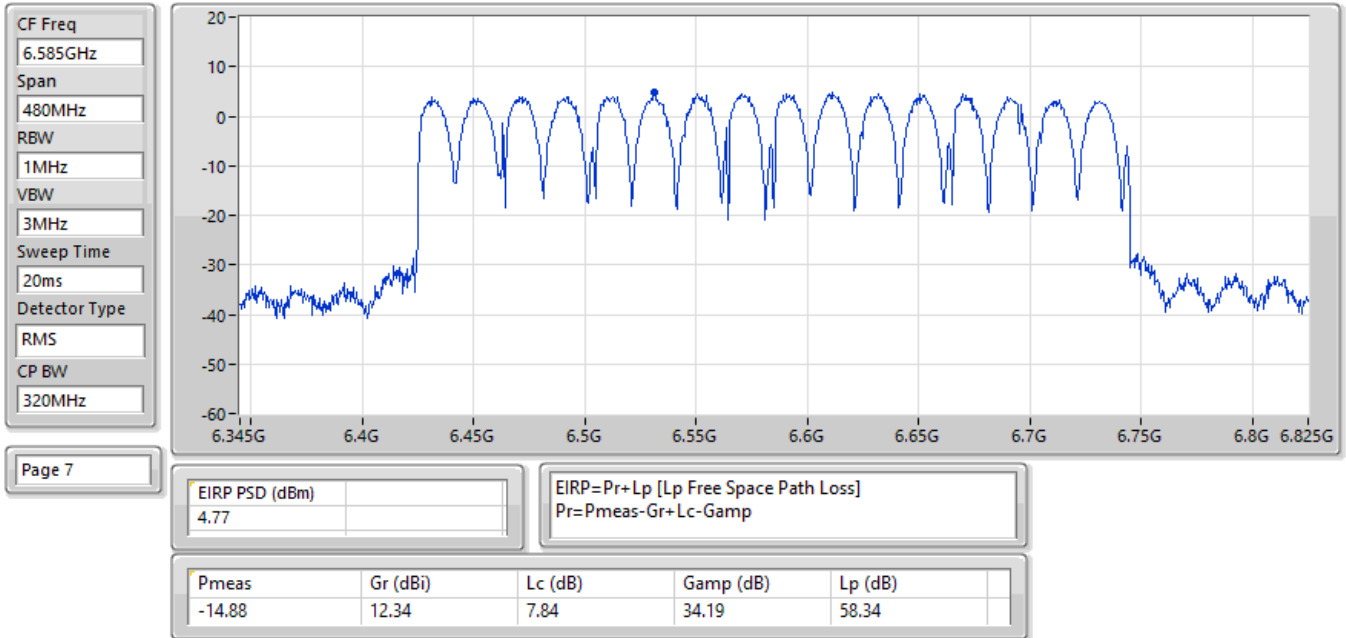
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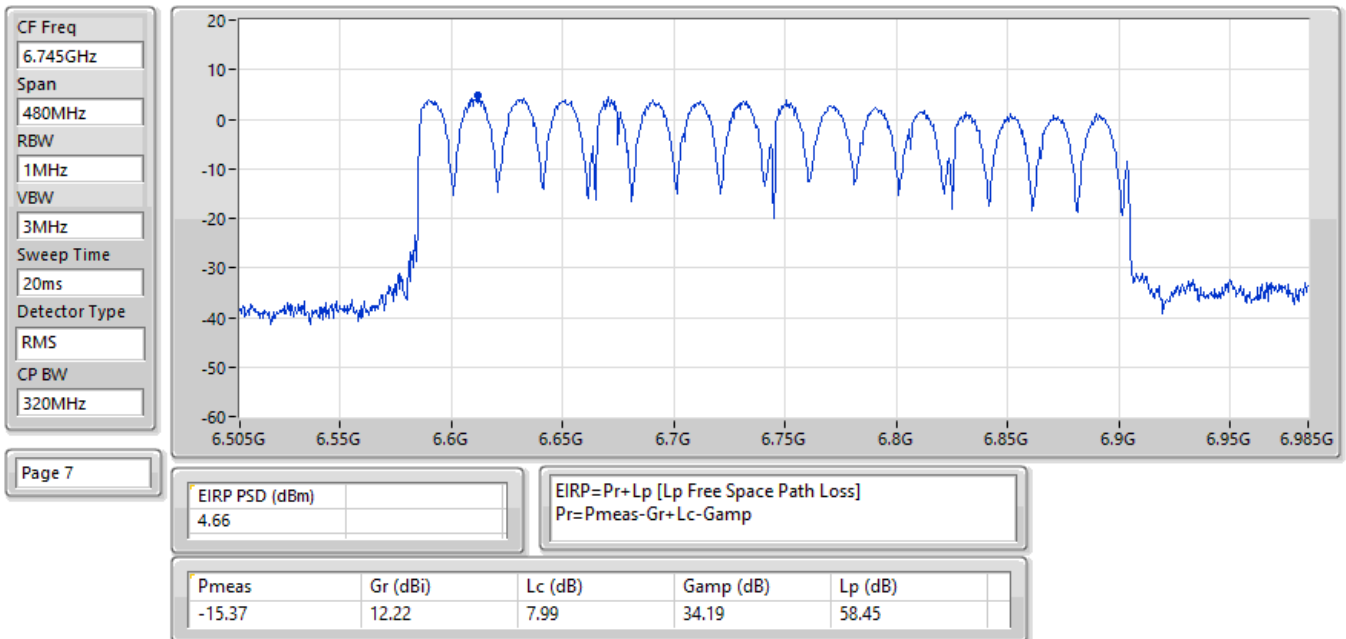
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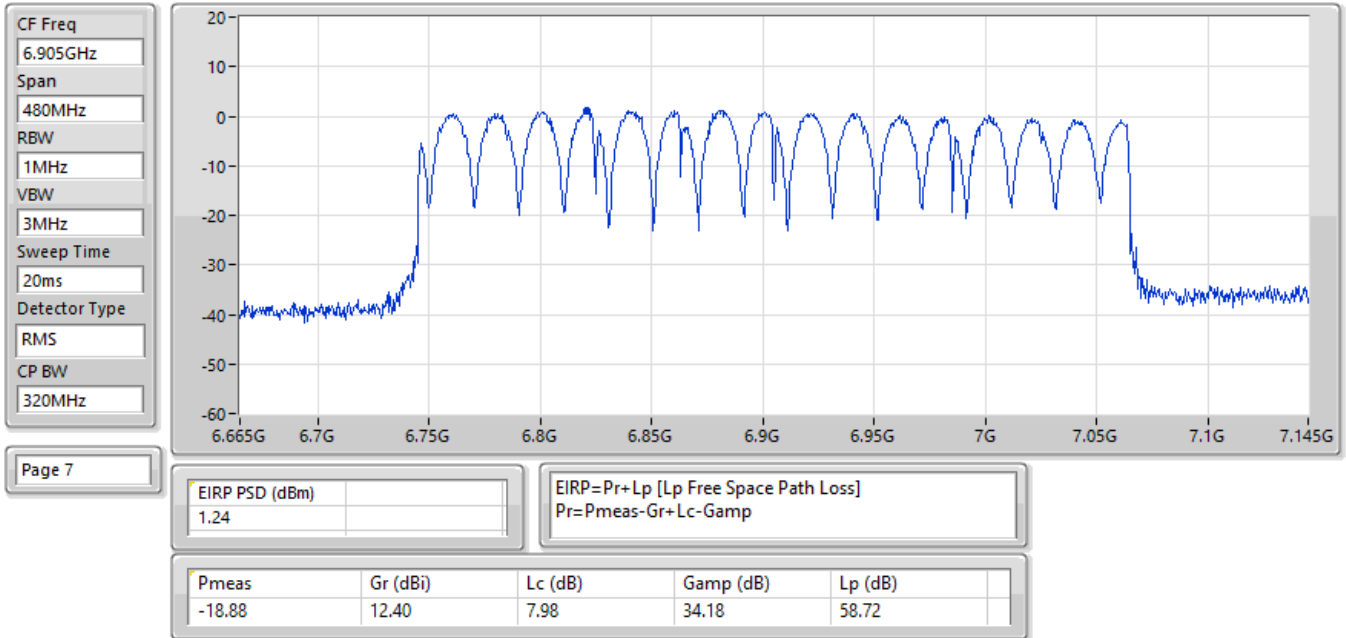
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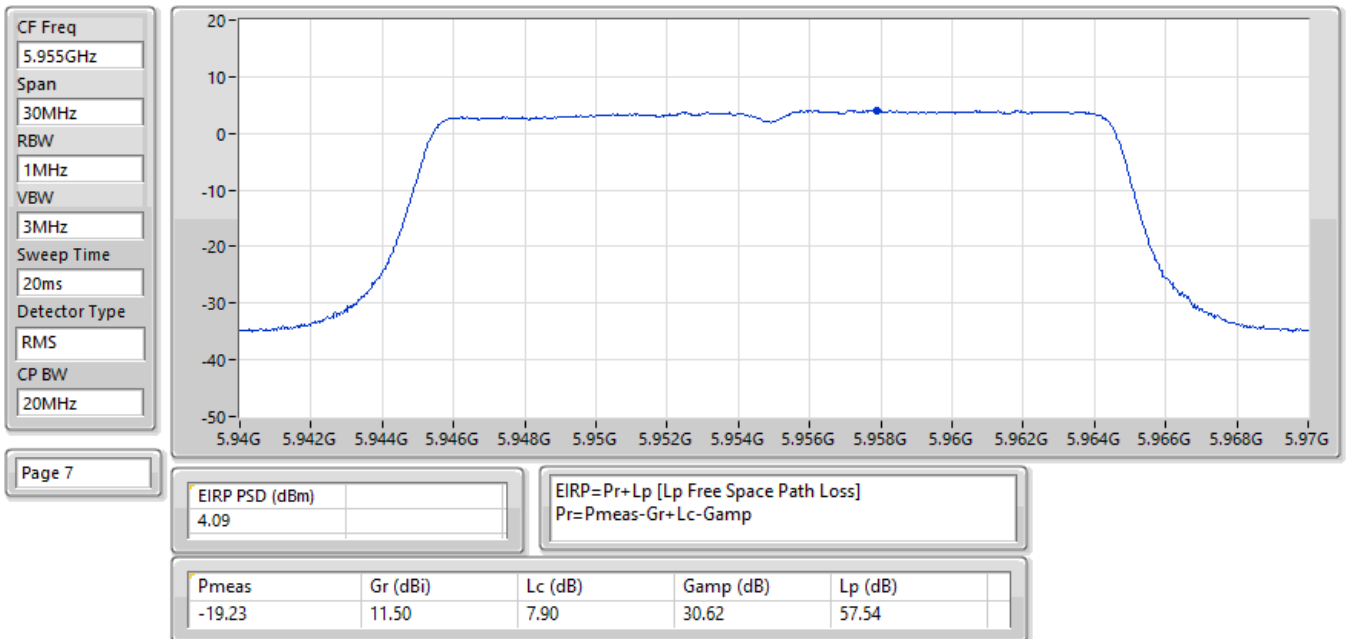
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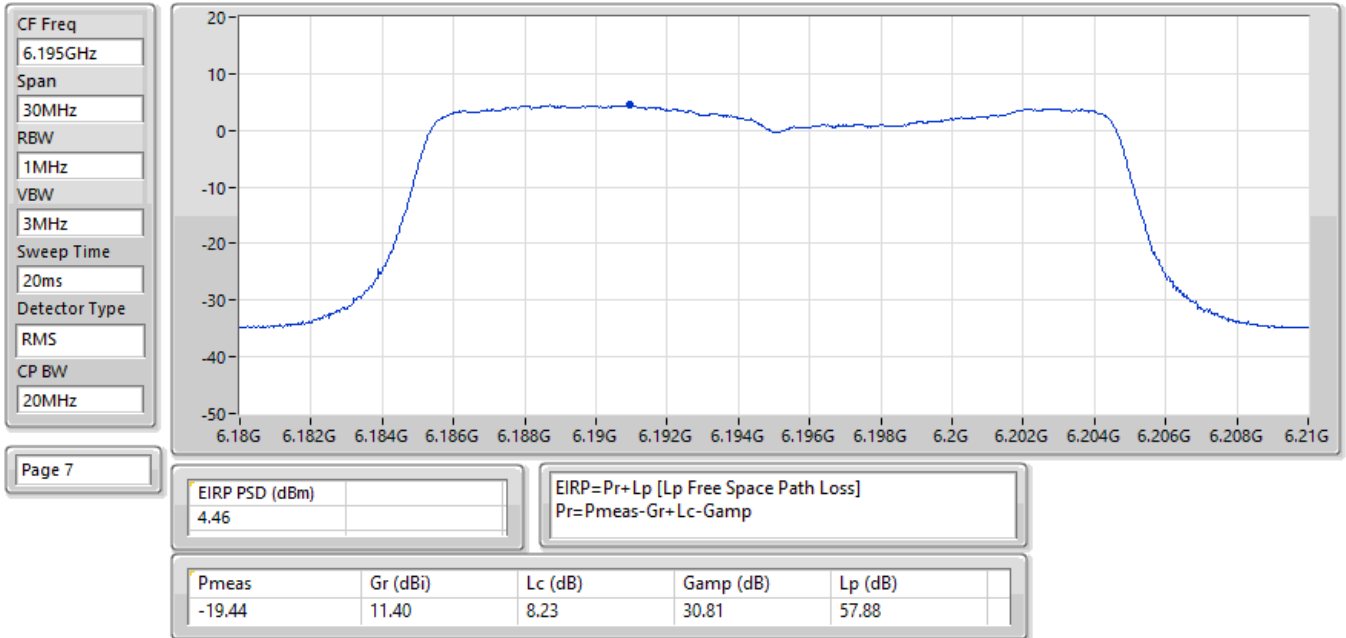
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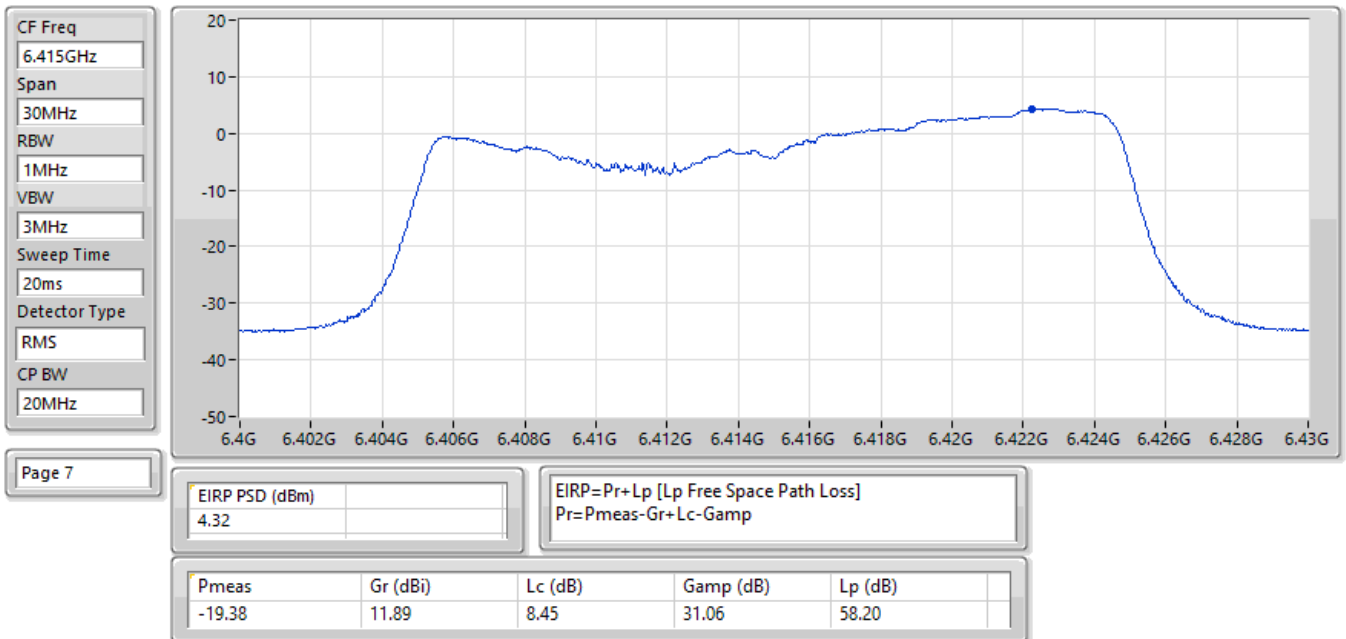
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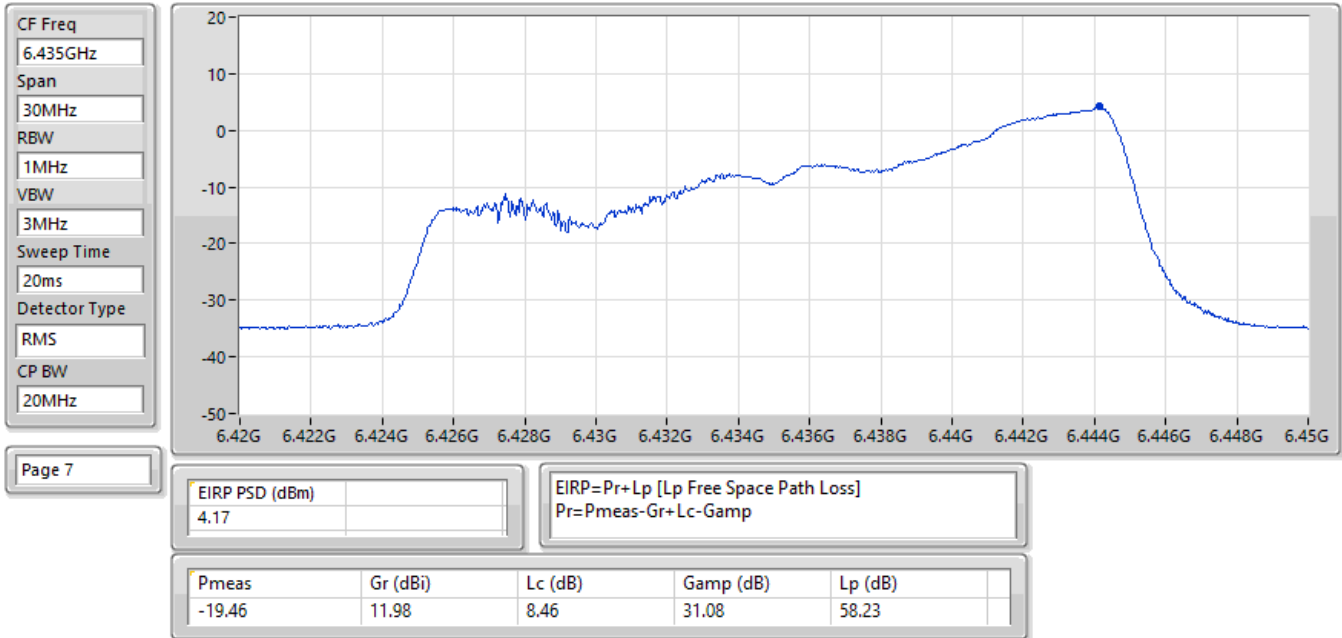
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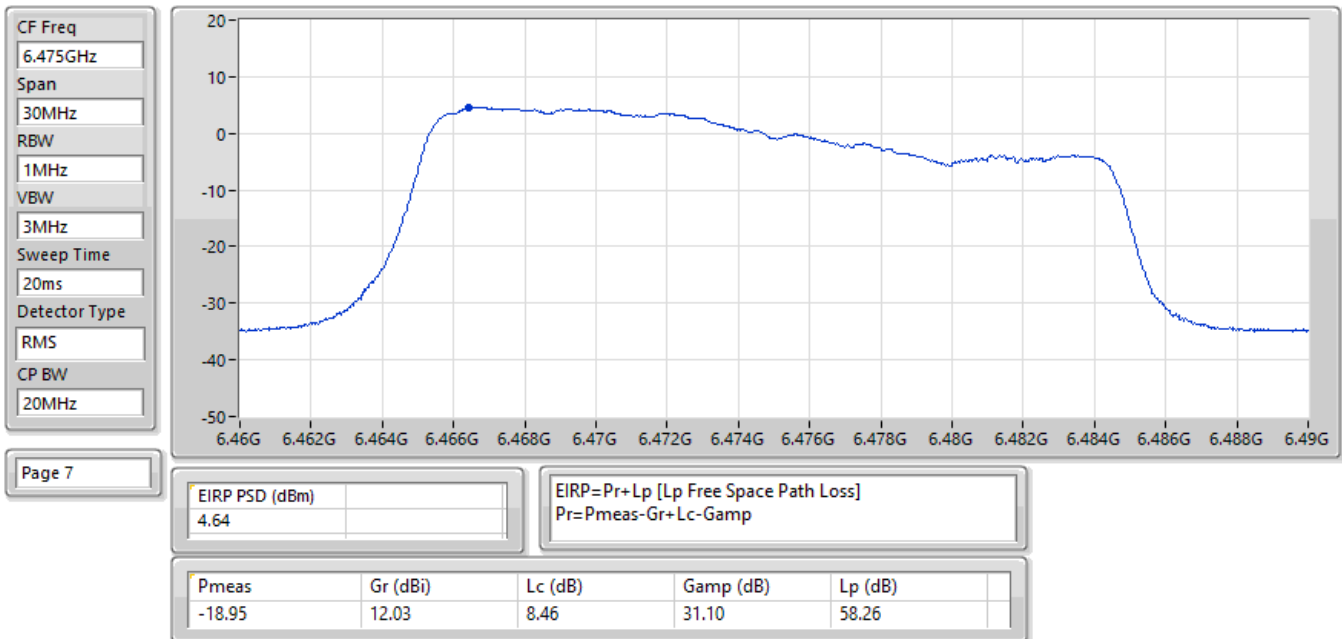
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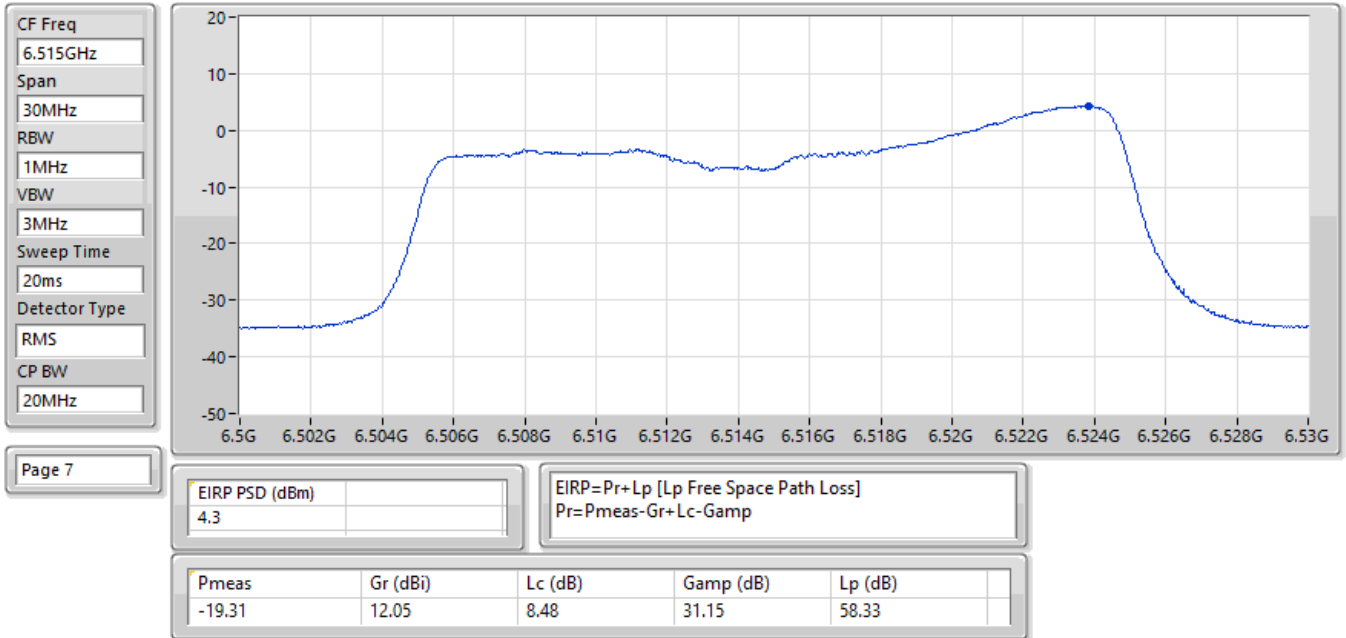
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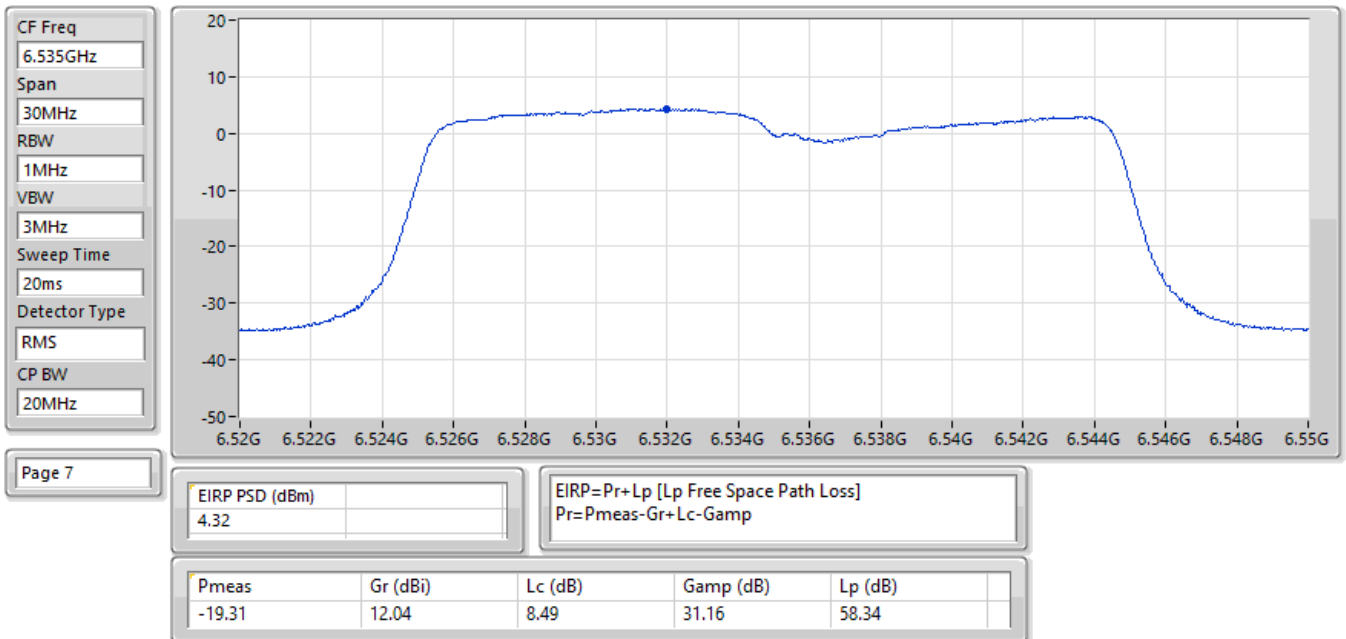
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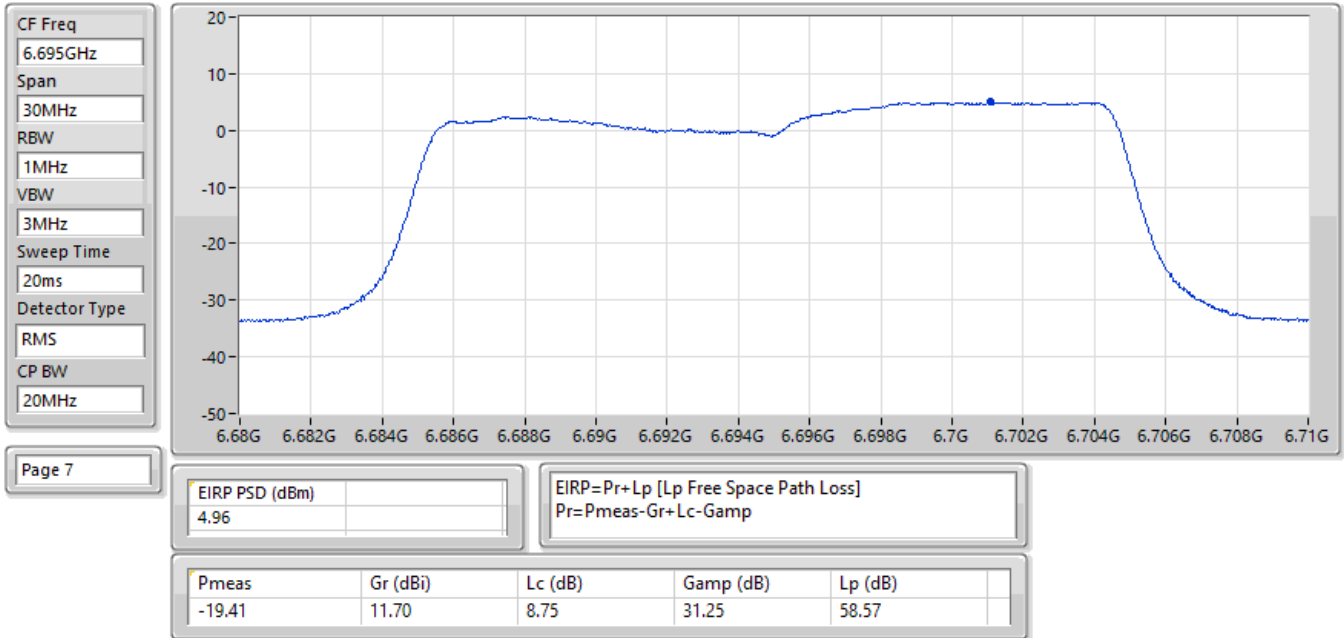
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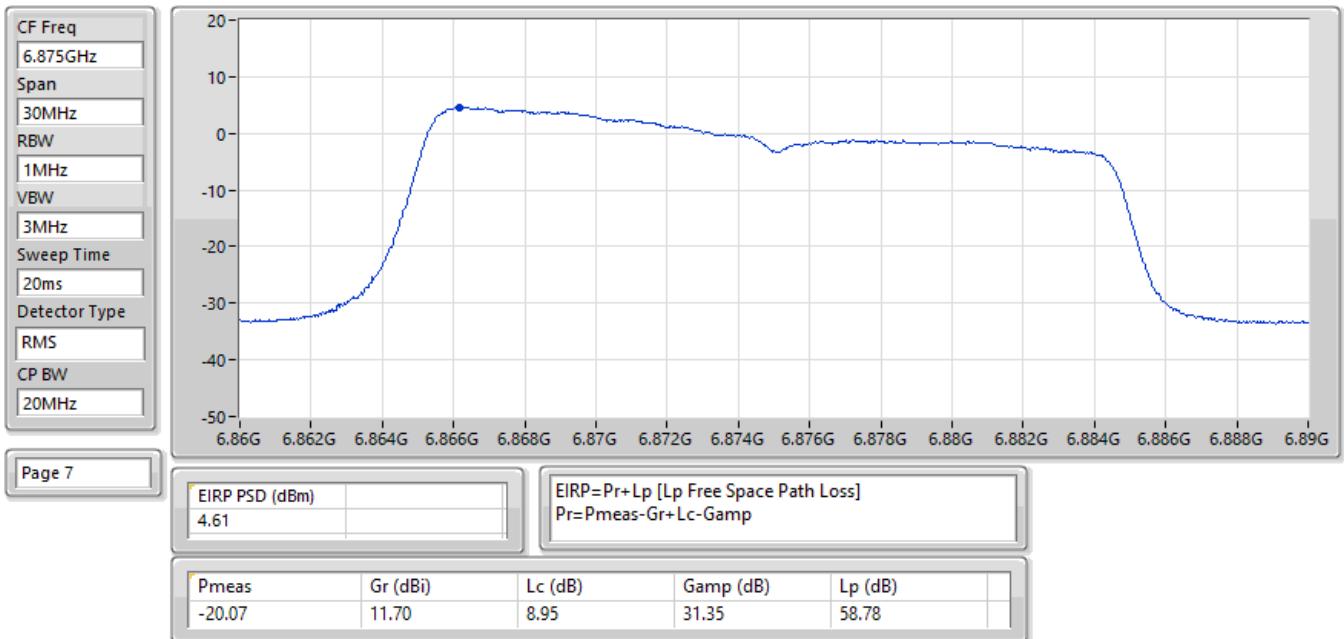
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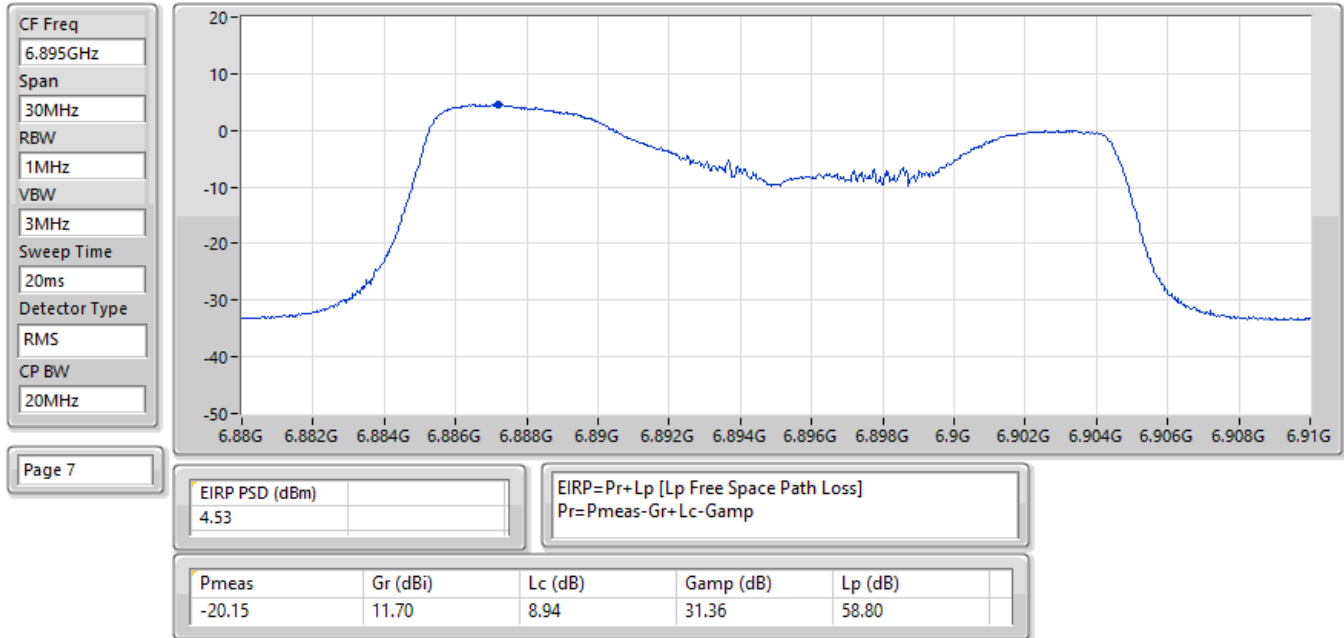
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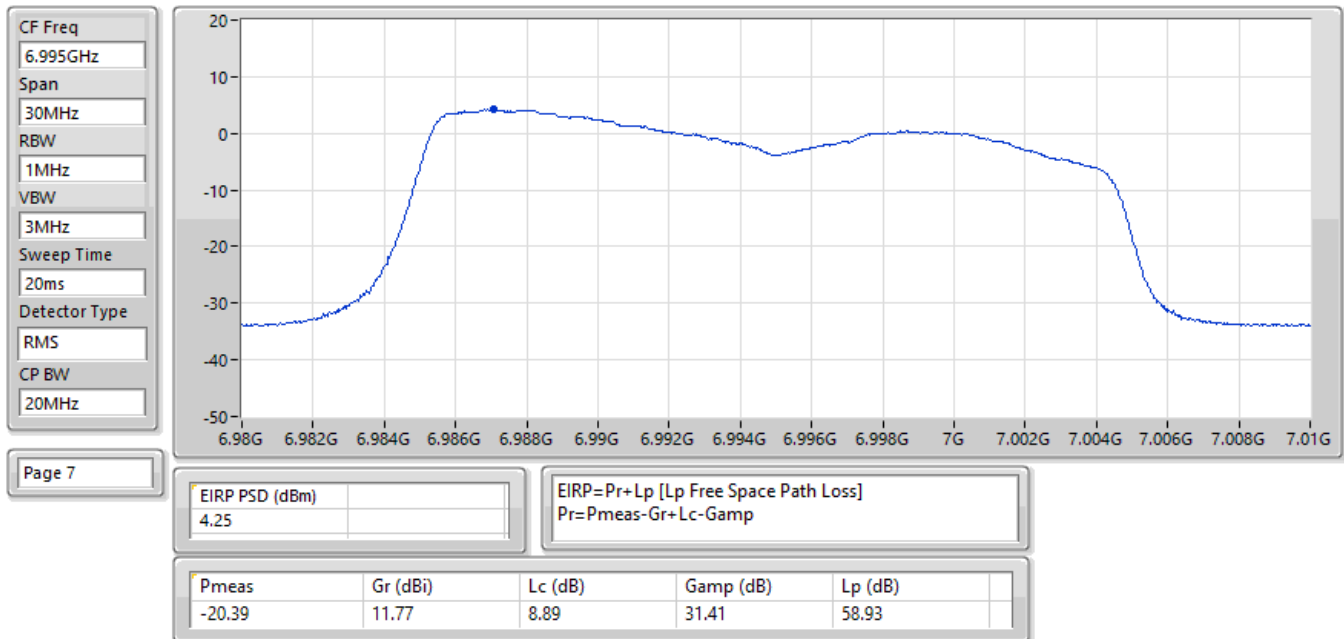
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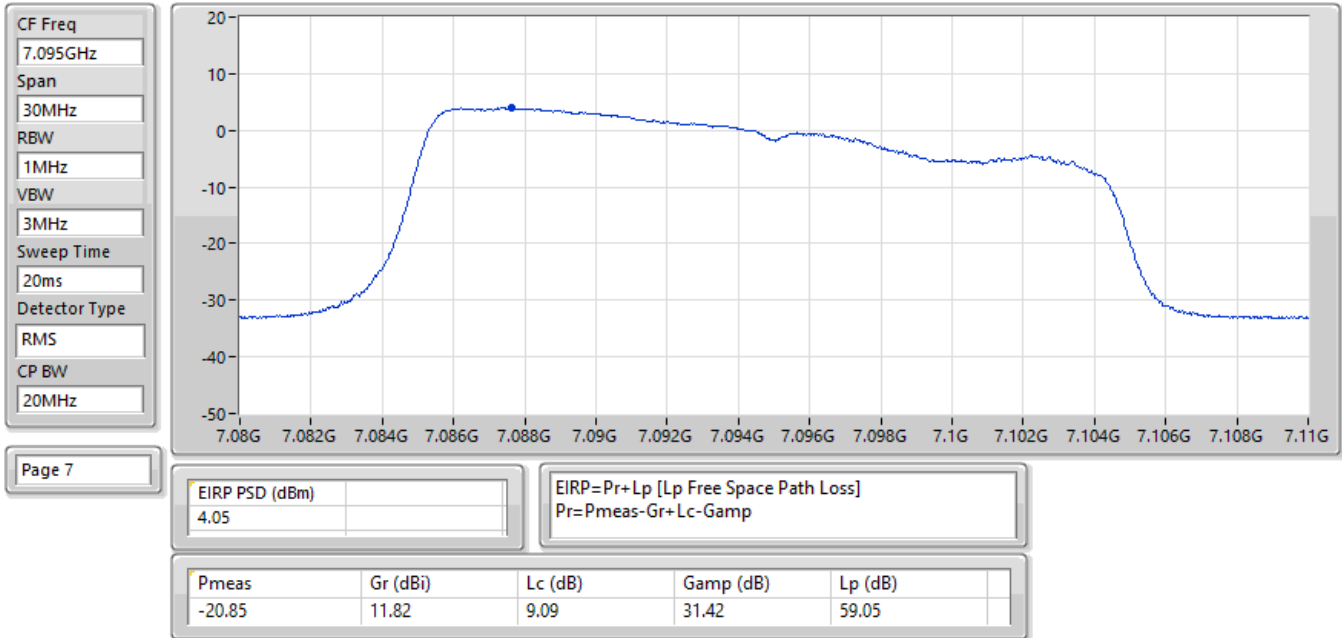
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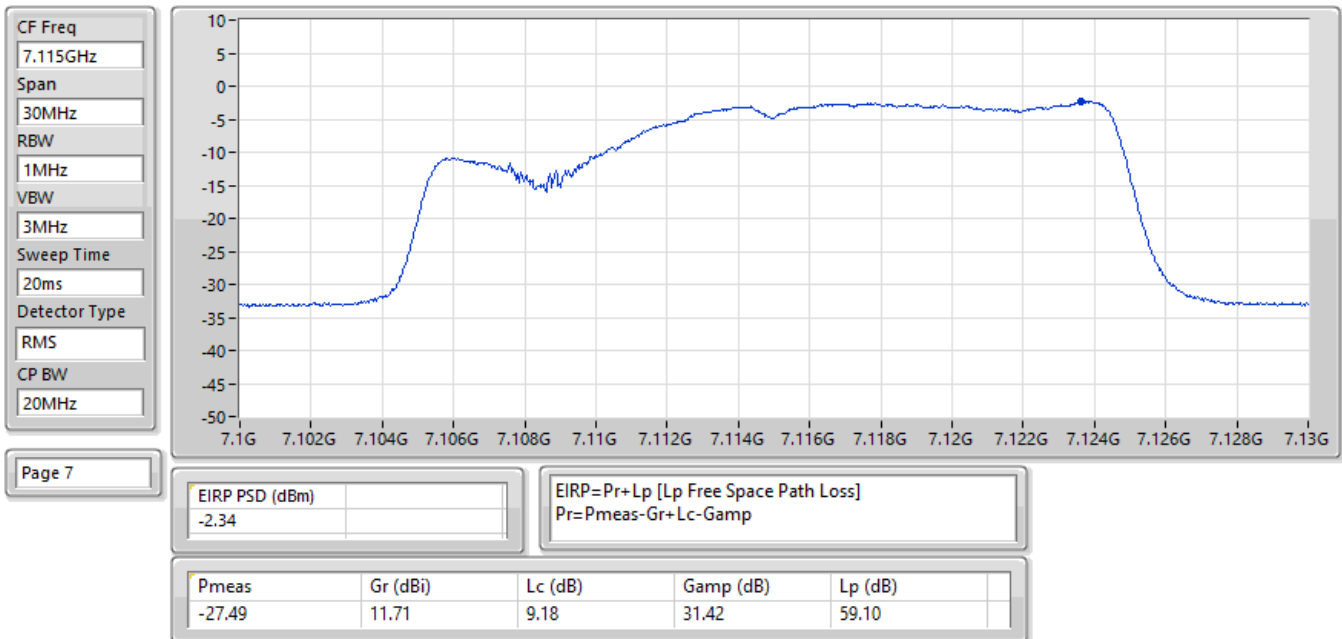
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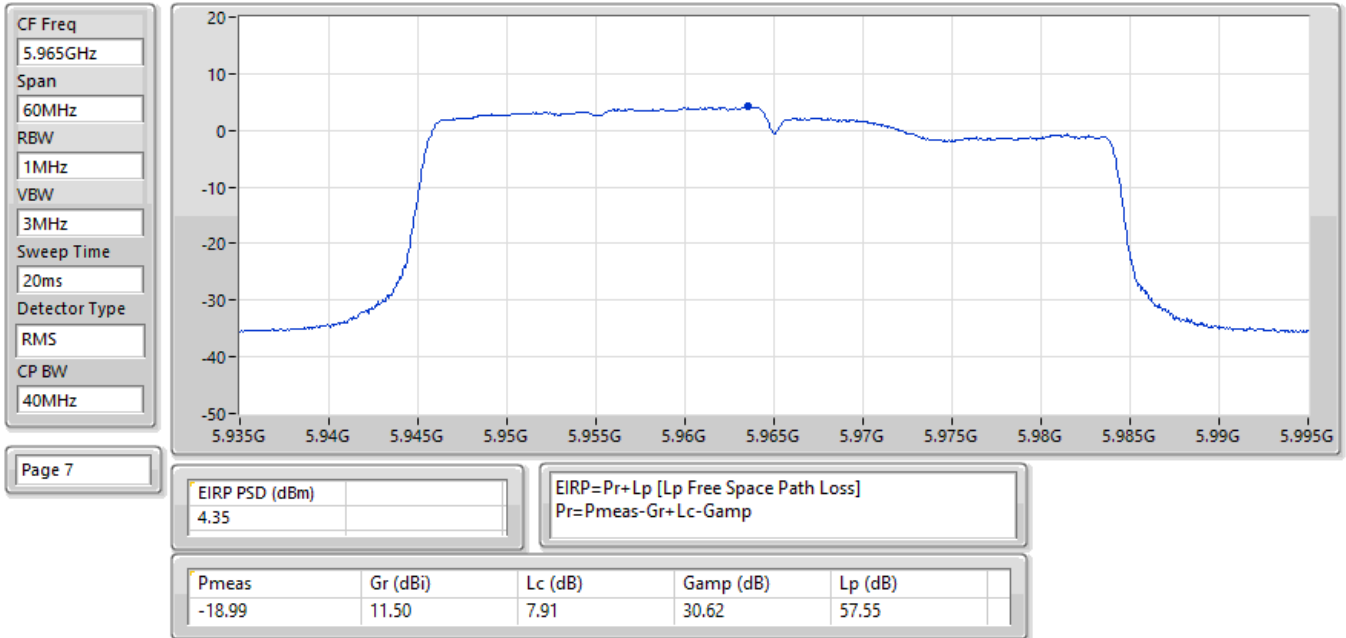
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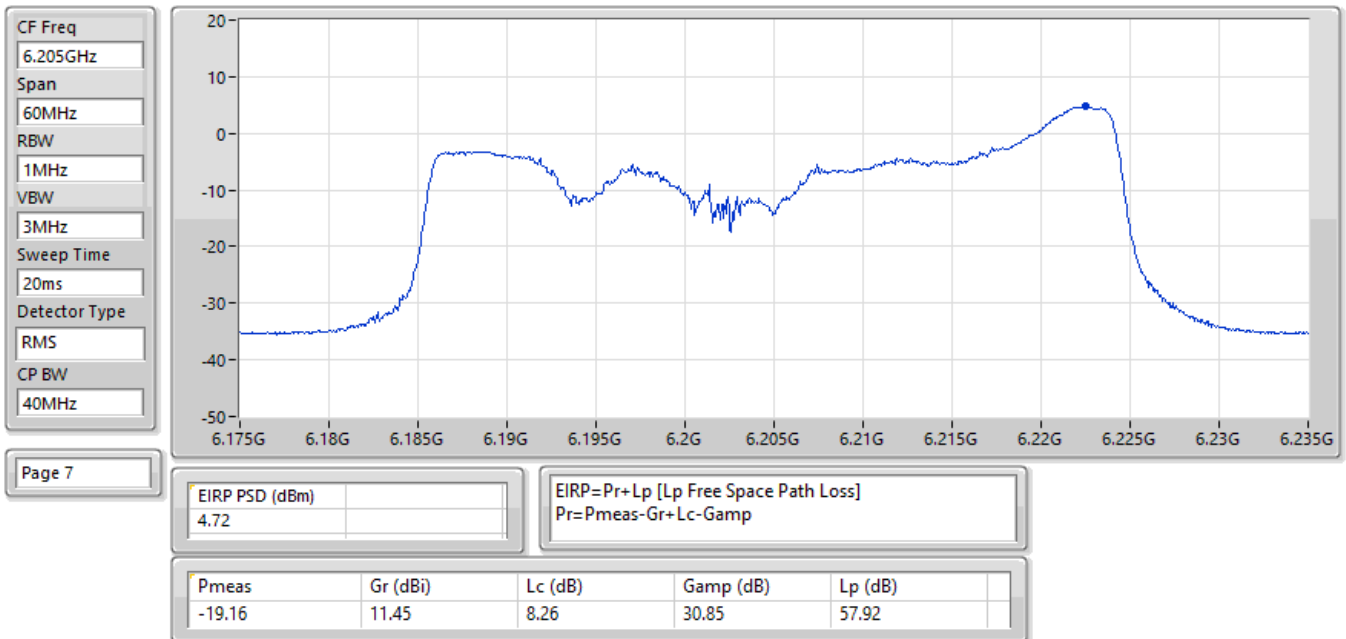
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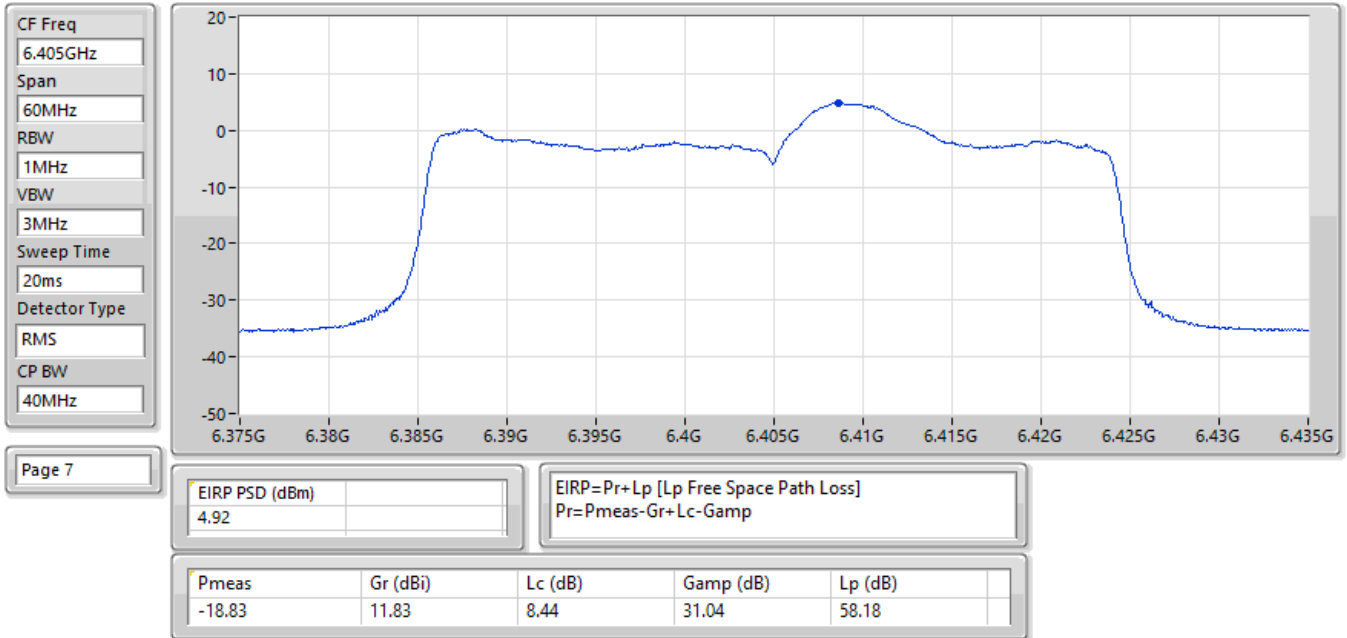
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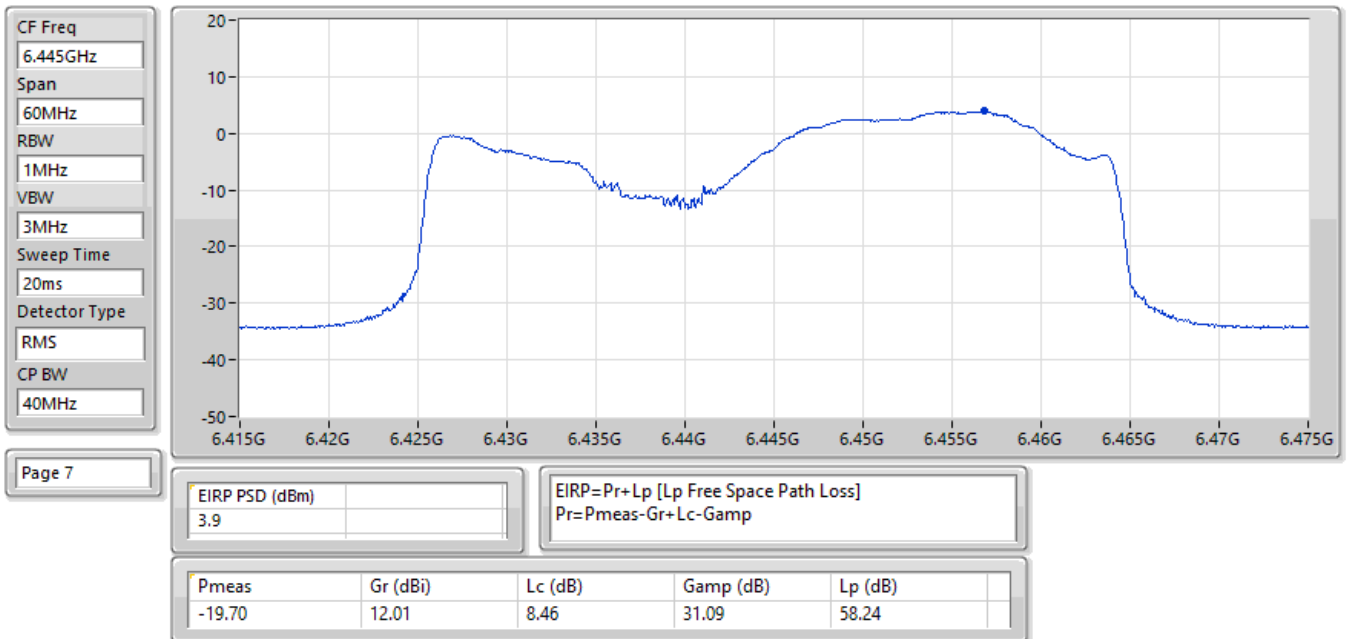
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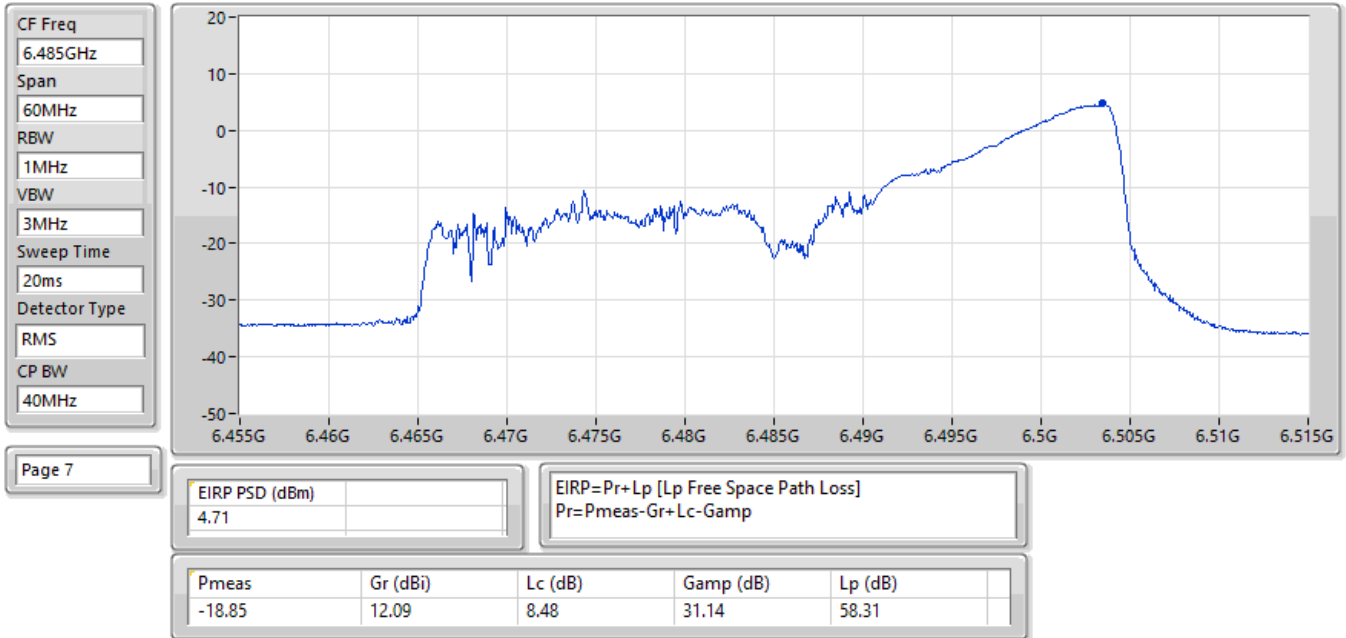
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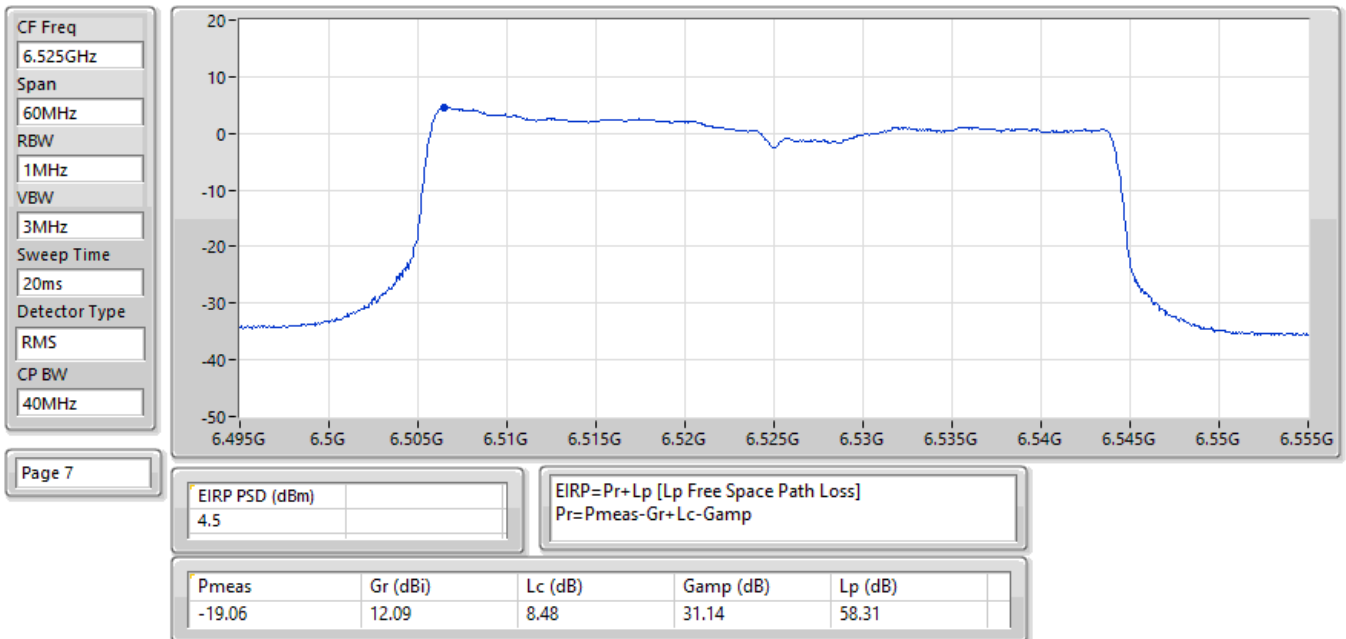
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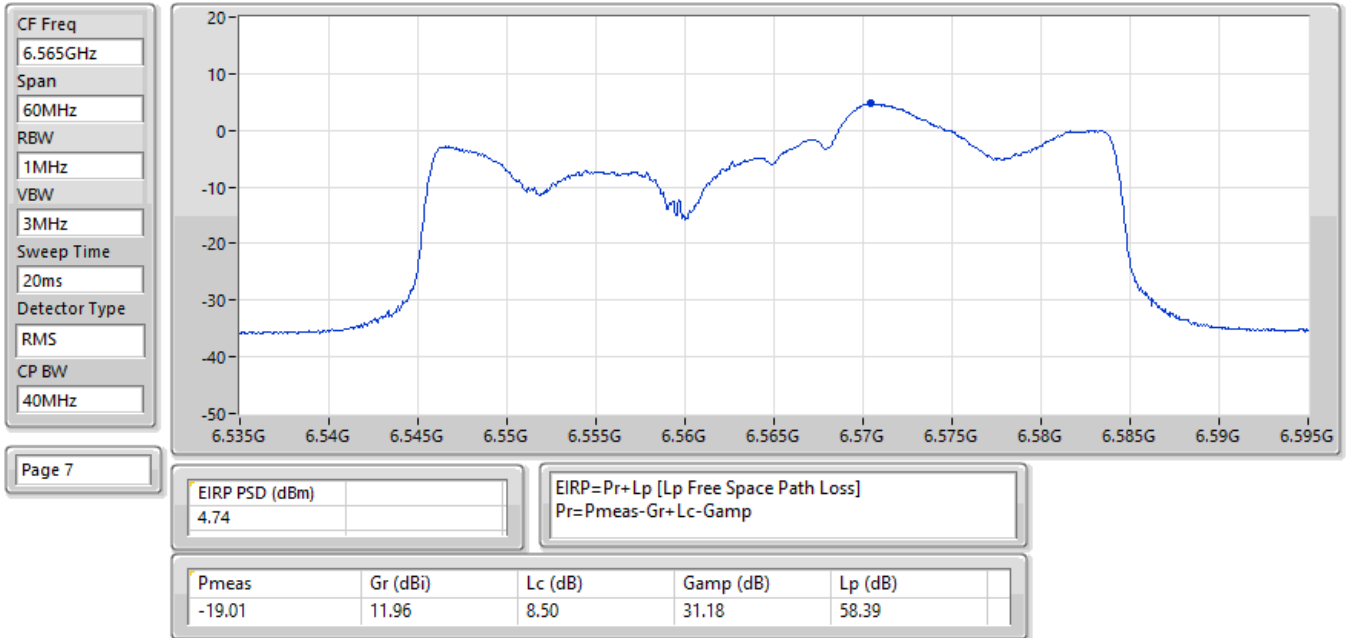
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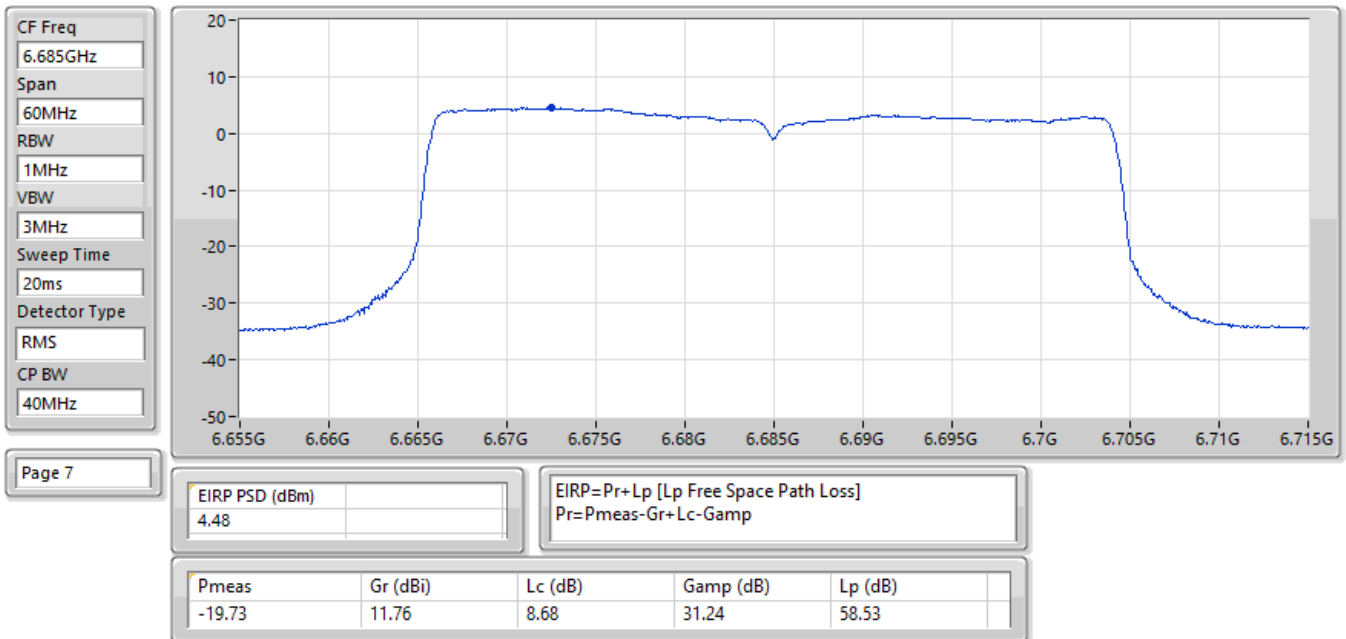
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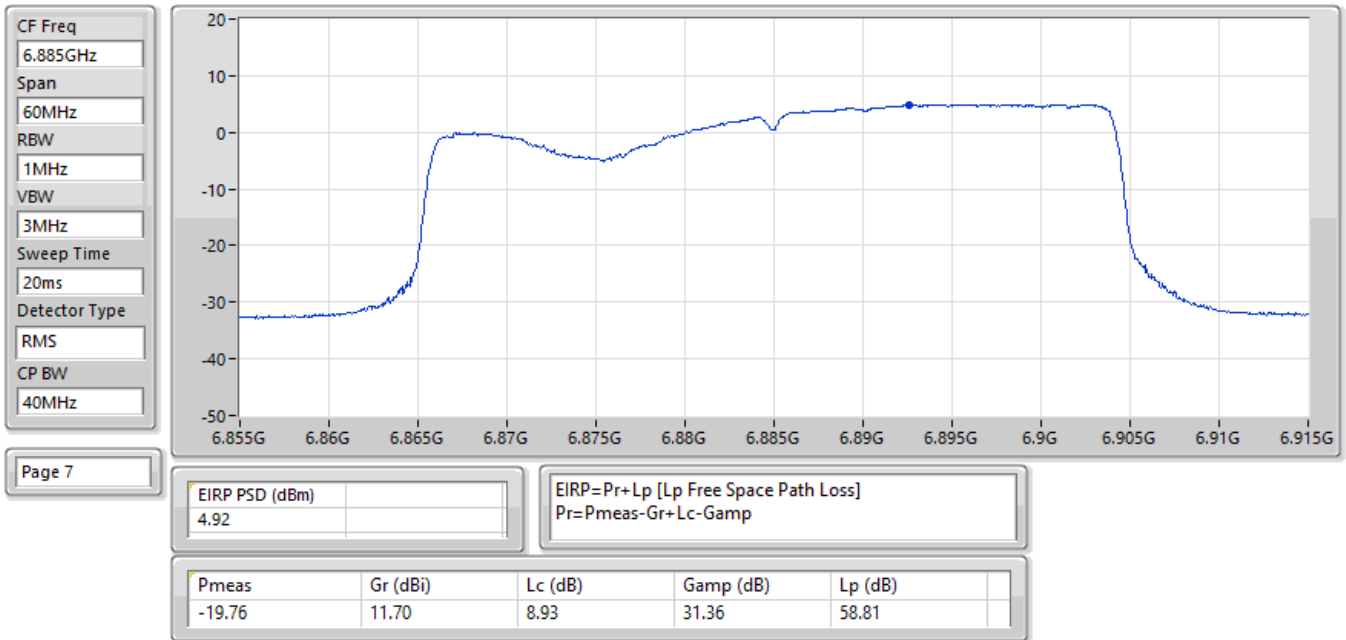
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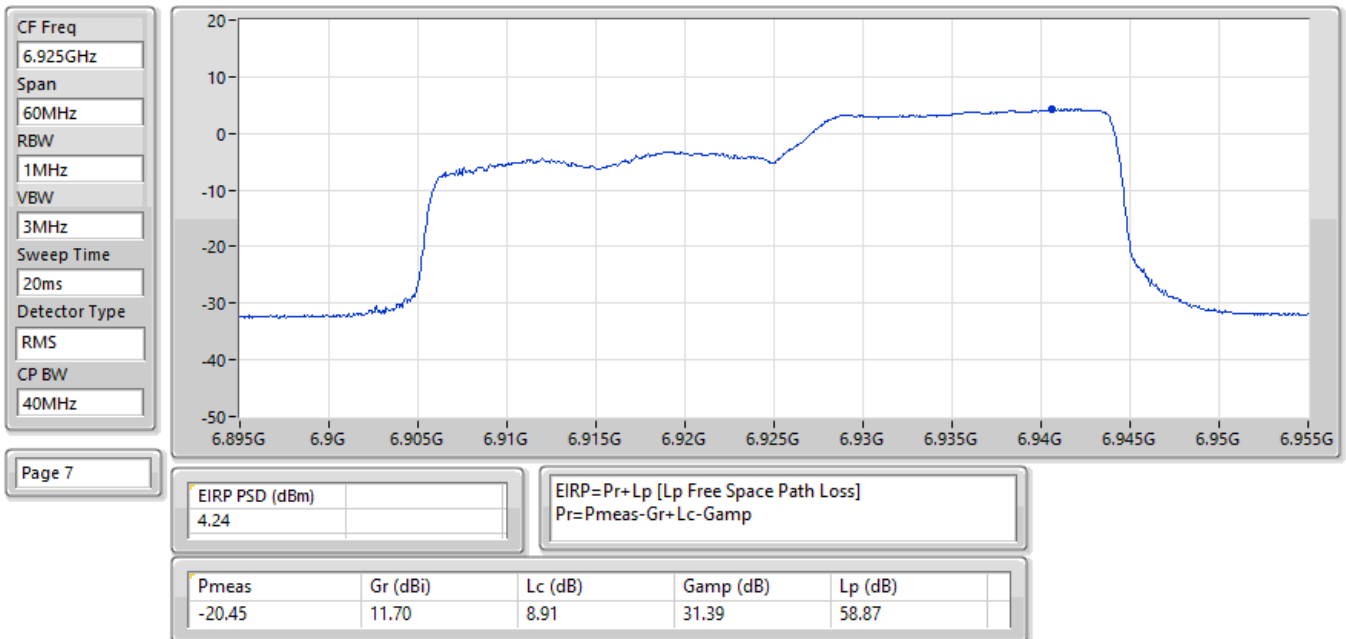
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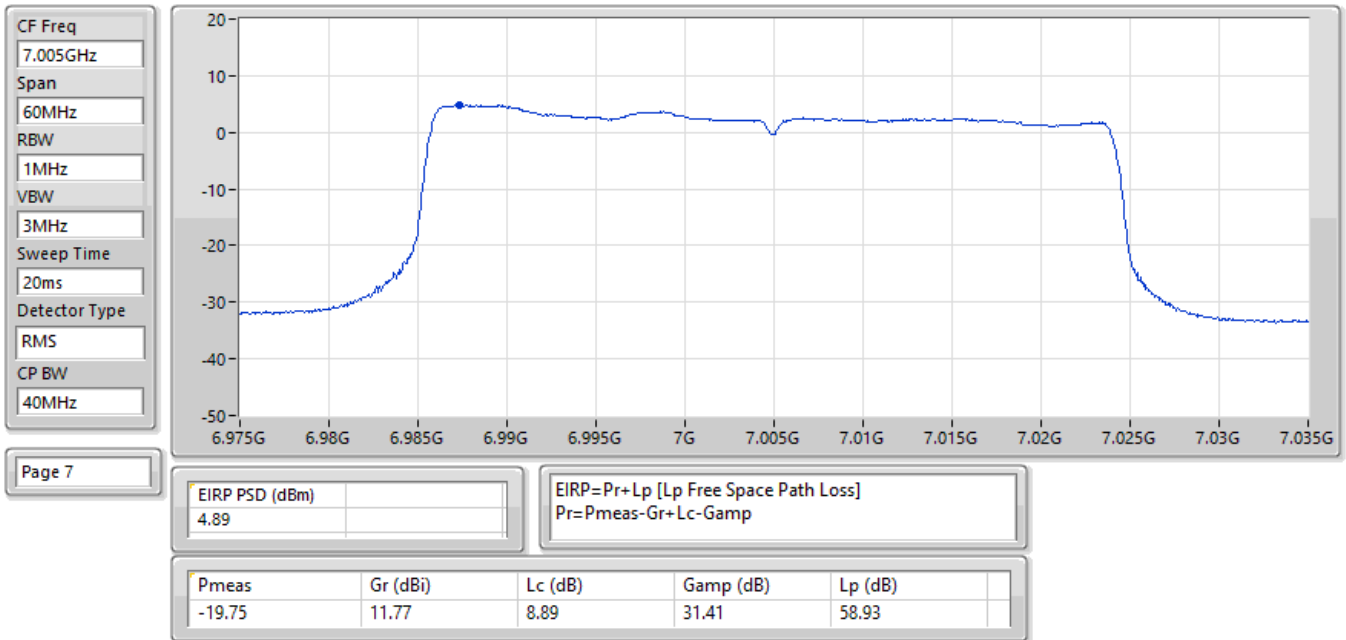
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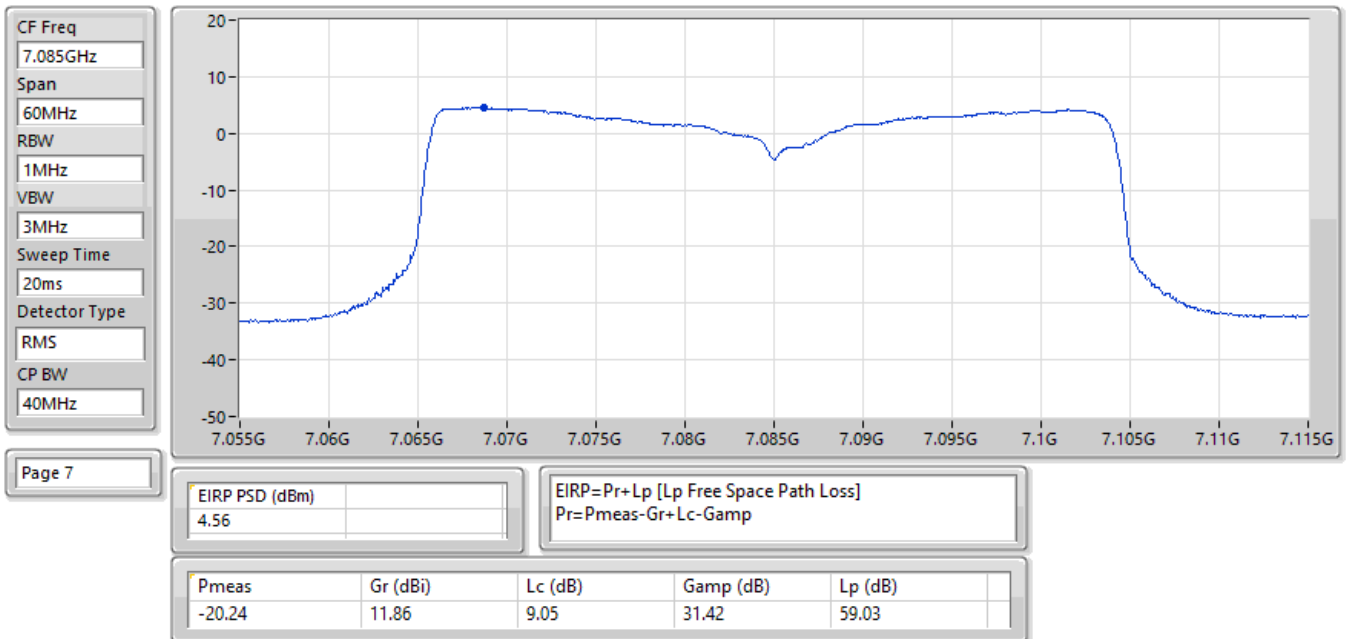
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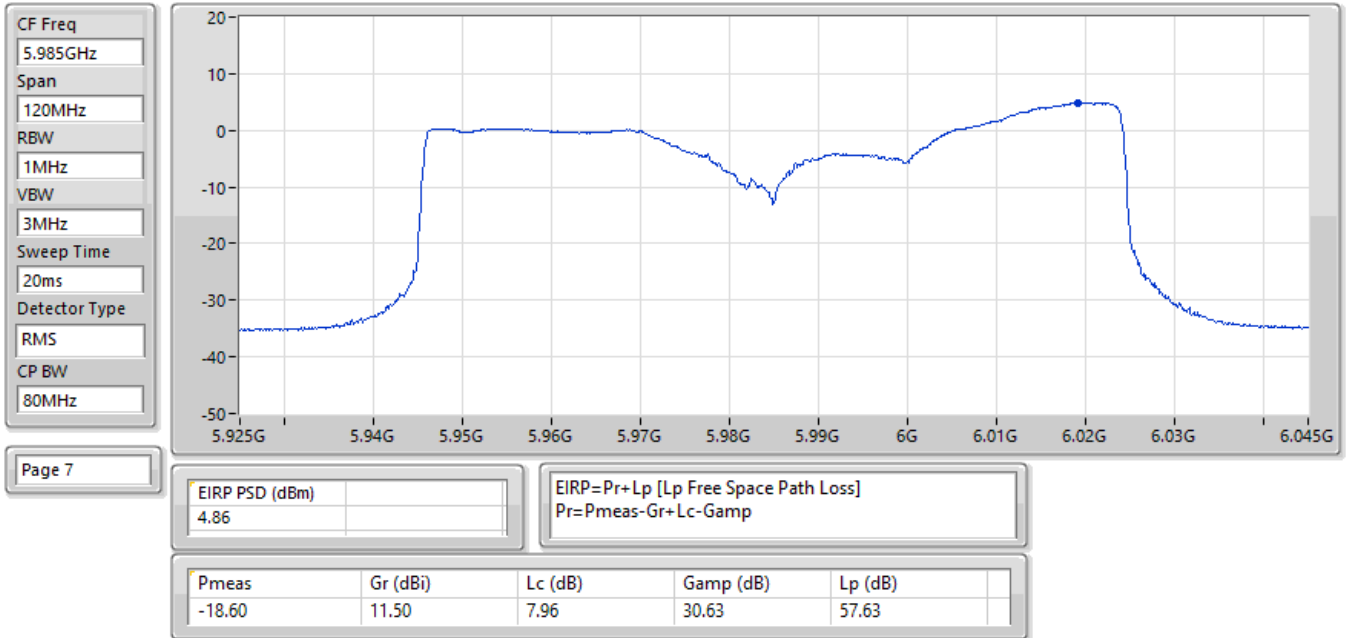
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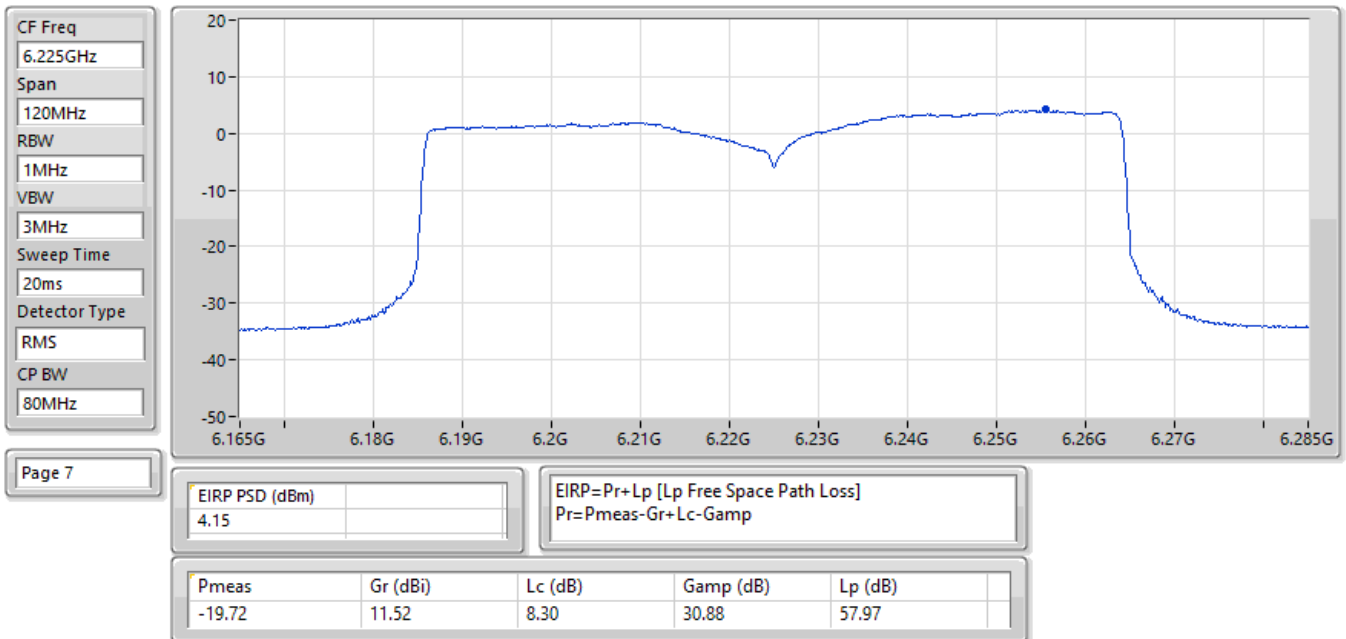
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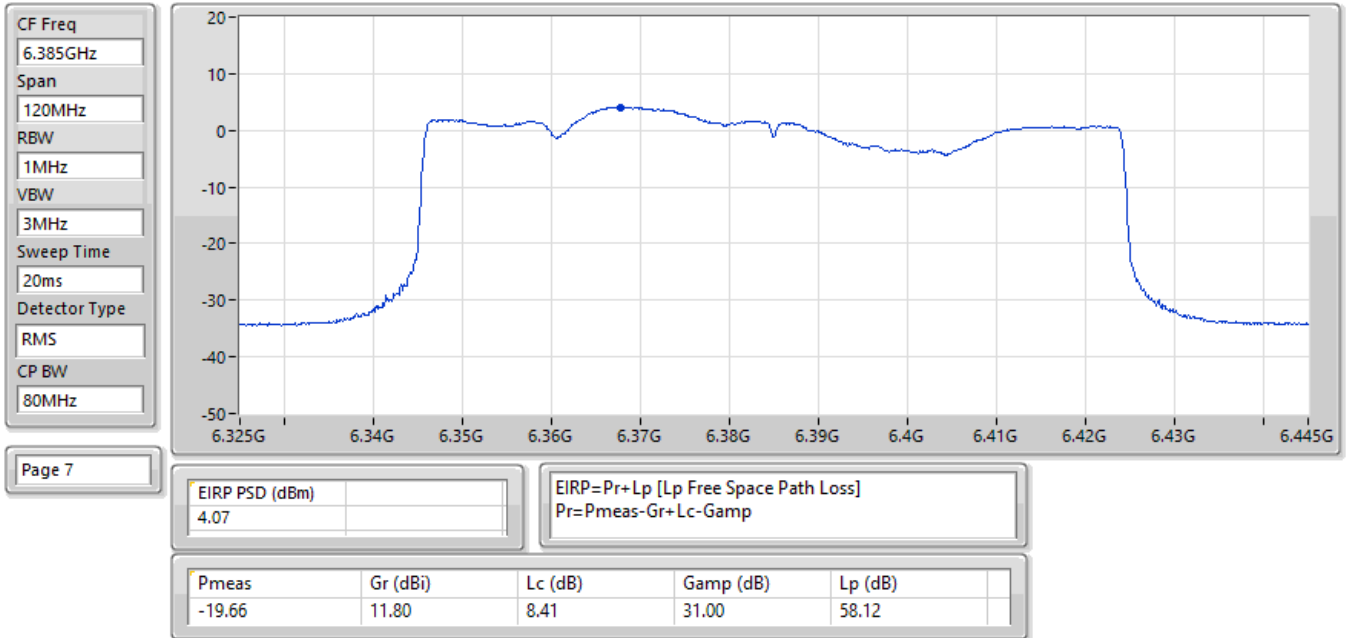
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EIRP PSD;Band:6.2G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6225MHz;TX



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



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

