

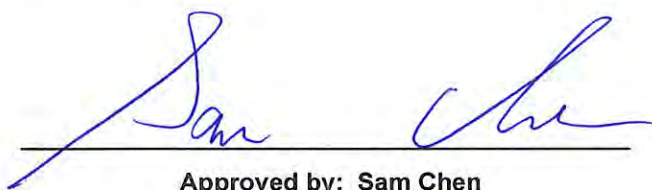


RADIO TEST REPORT

FCC ID : 2AXXQHNRM30
Equipment : Wi-Fi7 Tri-band AP Router
Brand Name : HUMAX NETWORKS
Model Name : HNRM30
Applicant : Humax Networks, INC
216, Hwangsaеul-ro, Bundang-gu, Seongnam-si, South Korea 13595
Manufacturer : Humax Networks, INC
216, Hwangsaеul-ro, Bundang-gu, Seongnam-si, South Korea 13595
Standard : 47 CFR FCC Part 15.407

The product was received on Aug. 06, 2024, and testing was started from Aug. 09, 2024 and completed on Feb. 13, 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.)



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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
1.1.3	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)	PASS	-
-	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	4TX
5.925-7.125GHz	802.11ax HEW20-BF	20	4TX
5.925-7.125GHz	802.11be EHT20	20	4TX
5.925-7.125GHz	802.11be EHT20-BF	20	4TX
5.925-7.125GHz	802.11ax HEW40	40	4TX
5.925-7.125GHz	802.11ax HEW40-BF	40	4TX
5.925-7.125GHz	802.11be EHT40	40	4TX
5.925-7.125GHz	802.11be EHT40-BF	40	4TX
5.925-7.125GHz	802.11ax HEW80	80	4TX
5.925-7.125GHz	802.11ax HEW80-BF	80	4TX
5.925-7.125GHz	802.11be EHT80	80	4TX
5.925-7.125GHz	802.11be EHT80-BF	80	4TX
5.925-7.125GHz	802.11ax HEW160	160	4TX
5.925-7.125GHz	802.11ax HEW160-BF	160	4TX
5.925-7.125GHz	802.11be EHT160	160	4TX
5.925-7.125GHz	802.11be EHT160-BF	160	4TX
5.925-7.125GHz	802.11be EHT320	320	4TX
5.925-7.125GHz	802.11be EHT320-BF	320	4TX

MRU (static preamble puncturing)

RU-tone	Configuration	Bandwidth (MHz)				6GHz Test CH	
		80				UNII-5	UNII-8
484+242	1		242		484	CH7	CH215
	2	242			484	V	V
	3		484			V	V
	4		484	242		V	---

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

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

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

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



1.1.3 Antenna Information

Ant.	Port				Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth /Zigbee					
1	4	1	-	-	Galtronics	60-3693-03-2	PCB	I-PEX	Note 1
2	3	2	-	-	Galtronics	60-3693-03-2	PCB	I-PEX	
3	2	3	-	-	Galtronics	60-3693-03-1	PCB	I-PEX	
4	1	4	-	-	Galtronics	60-3693-03-1	PCB	I-PEX	
5	-	-	3	-	Galtronics	60-3695-03-2	PCB	I-PEX	
6	-	-	2	-	Galtronics	60-3610-03	PCB	I-PEX	
7	-	-	1	-	Galtronics	60-3695-03-2	PCB	I-PEX	
8	-	-	4	-	Galtronics	60-3610-03	PCB	I-PEX	
9	-	-	-	1	Galtronics	AT6901	Printed	N/A	

Note 1:

Ant.	Antenna Gain (dBi)										
	WLAN 2.4GHz	WLAN 5GHz				WLAN 6GHz				Bluetooth/ Zigbee	GPS
		UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8		
1	3.68	3.73	3.25	3.77	3.16	-	-	-	-	-	-
2	2.53	3.43	3.21	3.82	3.85	-	-	-	-	-	-
3	3.76	5.24	5.15	5.05	4.94	-	-	-	-	-	-
4	4.06	4.80	4.41	3.96	3.87	-	-	-	-	-	-
5	-	-	-	-	-	4.67	4.16	4.37	4.01	-	-
6	-	-	-	-	-	3.76	3.24	4.42	4.17	-	-
7	-	-	-	-	-	4.63	5.06	4.31	4.58	-	-
8	-	-	-	-	-	3.75	3.58	3.93	4.38	-	-
9	-	-	-	-	-	-	-	-	-	3.83	-

Item	Directional Gain (dBi)				
	WLAN 2.4GHz	WLAN 5GHz			
		UNII 1	UNII 2A	UNII 2C	UNII 3
4T1S	4.75	5.35	5.86	5.30	5.17
4T2S	4.06	5.24	5.15	5.05	4.94
4T4S	4.06	5.24	5.15	5.05	4.94

Note 2: The above information (except gain of Ant. 1~4 and directional gain) was declared by the manufacturer.

Note 3: For 2.4GHz/5GHz, the antenna gain and directional gain are measured which follow the procedure of KDB 662911 D03.

**For 2.4GHz function:****For IEEE 802.11 b/g/n/VHT/ax/be (4TX/4RX):**

Port 1~4 can be used as transmitting/receiving antenna.

Port 1~4 could transmit/receive simultaneously.

For 5GHz function:**For IEEE 802.11 a/n/ac/ax/be (4TX/4RX):**

Port 1~4 can be used as transmitting/receiving antenna.

Port 1~4 could transmit/receive simultaneously.

For 6GHz function:**For IEEE 802.11 ax/be (4TX/4RX):**

Port 1~4 can be used as transmitting/receiving antenna.

Port 1~4 could transmit/receive simultaneously.

For Bluetooth function (1TX/1RX):

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

For Zigbee function (1TX/1RX):

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

1.1.4 Mode Test Duty Cycle**For Full_RU:**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss 1,(M0)	0.987	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss 1,(M0)	0.96	0.18	780.625u	3k
802.11be EHT80_Nss 1,(M0)	0.928	0.32	410u	3k
802.11be EHT160_Nss 1,(M0)	0.883	0.54	240.625u	10k
802.11be EHT320_Nss 1,(M0)	0.849	0.71	165u	10k
802.11be EHT20-BF_Nss 1,(M0)	0.967	0.15	3.127m	1k
802.11be EHT40-BF_Nss 1,(M0)	0.982	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80-BF_Nss 1,(M0)	0.977	0.1	4.406m	300
802.11be EHT160-BF_Nss 1,(M0)	0.942	0.26	5.109m	300
802.11be EHT320-BF_Nss 1,(M0)	0.937	0.28	5.113m	300

For Multi_RU:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	0.931	0.31	543.75u	3k
5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 5_4TX	0.891	0.5	268.125u	10k
5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 3_4TX	0.904	0.44	299.375u	10k
5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 8_4TX	0.841	0.75	168.75u	10k
5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 2_4TX	0.854	0.69	186.25u	10k
5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 3_4TX	0.841	0.75	168.75u	10k
6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 2_4TX	0.841	0.75	168.75u	10k
6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 2_4TX	0.854	0.69	186.25u	10k
6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 8_4TX	0.873	0.59	210u	10k
6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	0.931	0.31	543.75u	3k
6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 4_4TX	0.897	0.47	268.125u	10k
6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	0.904	0.44	299.375u	10k



Note:

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

1.1.5 EUT Operational Condition

EUT Power Type	From Power Adapter	
Beamforming Function	☒ With beamforming	☐ Without beamforming
	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	
Note: The EUT doesn't support puncturing for CBP		
Support RU	☒ Full RU	☒ Partial RU
Test Software Version	For RF Conducted test: accessMtool 3.3.0.8 For Radiated above 1GHz test: For Non-beamforming mode: accessMtool 3.3.0.8 For Beamforming mode: DOS[ver 6.1.7601]	
Software / Firmware Version for CBP	5.04.04p3	

Note: The above information was declared by manufacturer.

1.1.6 Table for EUT Support Function

Function
AP
Mesh
Bridge

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (For other tests)	TH01-CB	Serway Lee	22.5~23.7 / 63~64	Aug. 20, 2024~Oct. 21, 2024
Radiated (Below 1GHz)	03CH04-CB	Ederson Huang	22.7~23.8 / 56~59	Jan. 21, 2025~Feb. 12, 2025
	03CH05-CB	Ederson Huang	21.6~22.7 / 56~59	Jan. 21, 2025~Feb. 12, 2025
Radiated (Above 1GHz) and RF Radiated (E.I.R.P. Power/PSD)	03CH01-CB	Ederson Huang	22~23 / 55~58	Aug. 09, 2024~Oct. 14, 2024
	03CH04-CB	Ederson Huang	22.7~23.8 / 56~59	Aug. 09, 2024~Oct. 14, 2024
	03CH05-CB	Ederson Huang	21.6~22.7 / 56~59	Aug. 09, 2024~Oct. 14, 2024
	03CH06-CB	Ederson Huang	21.9~22.4 / 55~58	Aug. 09, 2024~Oct. 14, 2024
AC Conduction	CO02-CB	Gray Lee	21~23 / 49~50	Feb. 13, 2025
RF Conducted (Contention-Based Protocol test_AP mode)	DF02-CB	Young Yang	23.1~24.8 / 63~68	Oct. 01, 2024~Oct. 09, 2024
RF Conducted (Contention-Based Protocol test_Mesh mode)	DF02-CB	Sean Ku	23.7~24.5 / 62~64	Dec. 06, 2024~Dec. 17, 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

For Full_RU:

Mode
802.11be EHT20_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
7115MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160_Nss1,(MCS0)_4TX
6025MHz
6185MHz



6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320_Nss1,(MCS0)_4TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
7115MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz



6945MHz
7025MHz
802.11be EHT160-BF_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320-BF_Nss1,(MCS0)_4TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz

For Multi_RU:

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 5_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 3_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 4_4TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
6985MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 8_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 2_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 3_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 2_4TX
6905MHz Straddle 6.525-6.875GHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 2_4TX
6905MHz Straddle 6.525-6.875GHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 8_4TX
6905MHz Straddle 6.525-6.875GHz

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	CTX
1	EUT + WLAN 2.4GHz
2	EUT + WLAN 5GHz
3	EUT + WLAN 6GHz
4	EUT + Bluetooth
5	EUT + Zigbee
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth
Test Condition	Conducted measurement at transmit chains
1	Full RU

The Worst Case Mode for Following Conformance Tests	
Tests Item	Contention Based Protocol
Test Condition	Conducted measurement at transmit chains
1	Full RU_AP mode
2	Full RU_Mesh mode

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 Y-axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y-axis_Full RU
2	EUT in Y-axis_Multi RU



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 Y-axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y-axis + WLAN 2.4GHz
2	EUT in Y-axis + WLAN 5GHz
3	EUT in Y-axis + WLAN 6GHz
4	EUT in Y-axis + Bluetooth
5	EUT in Y-axis + Zigbee
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
After evaluating, and the worst case was found at Y-axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y-axis_Full RU
2	EUT in Y-axis_Multi RU

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission MASK
Test Condition	Conducted measurement at transmit chains
1	Full RU
2	Multi RU

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz + Bluetooth
2	WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz + Zigbee
Refer to Sporton Test Report No.: FA470906 for Co-location RF Exposure Evaluation.	



2.3 EUT Operation during Test

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS.
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%.

2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter	NetBit	NBS42D120333VU	INPUT: 100-120V~, 50/60Hz, 1.0A OUTPUT: 12.0V, 3.33A
Others			
RJ-45 cable*1, non-shielded, 1.53m			

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN NB	DELL	E6430	N/A
B	Flash disk3.0	Transcend	JetFlash-700	N/A

For Radiated and RF Conducted (Other tests):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A

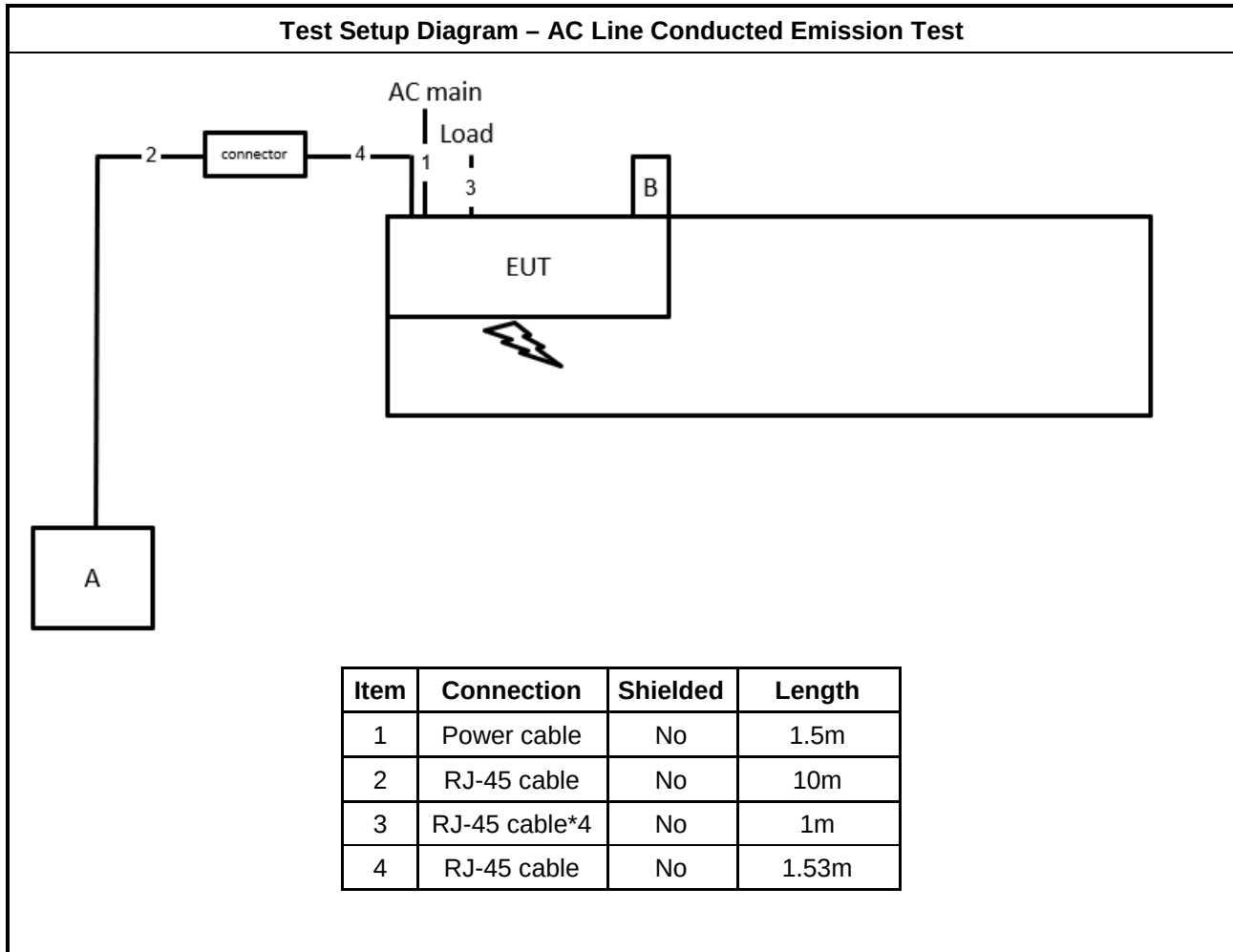
**For RF Conducted (Contention Based Protocol test _AP mode):**

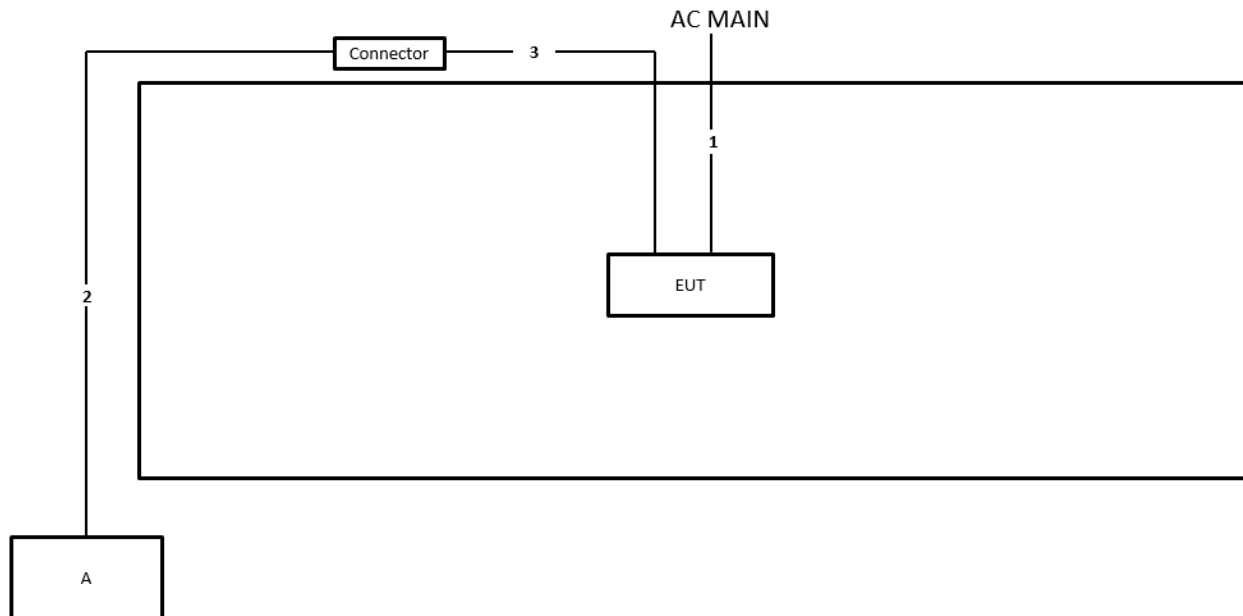
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E6230	N/A
B	Notebook	DELL	E6230	N/A
C	WLAN module	Qualcomm	QCNCM865	I4L-QCNCM865

For RF Conducted (Contention Based Protocol test _Mesh mode):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E6230	N/A
B	Notebook	DELL	E6230	N/A
C	WLAN AP	Humax	HNRM30	N/A

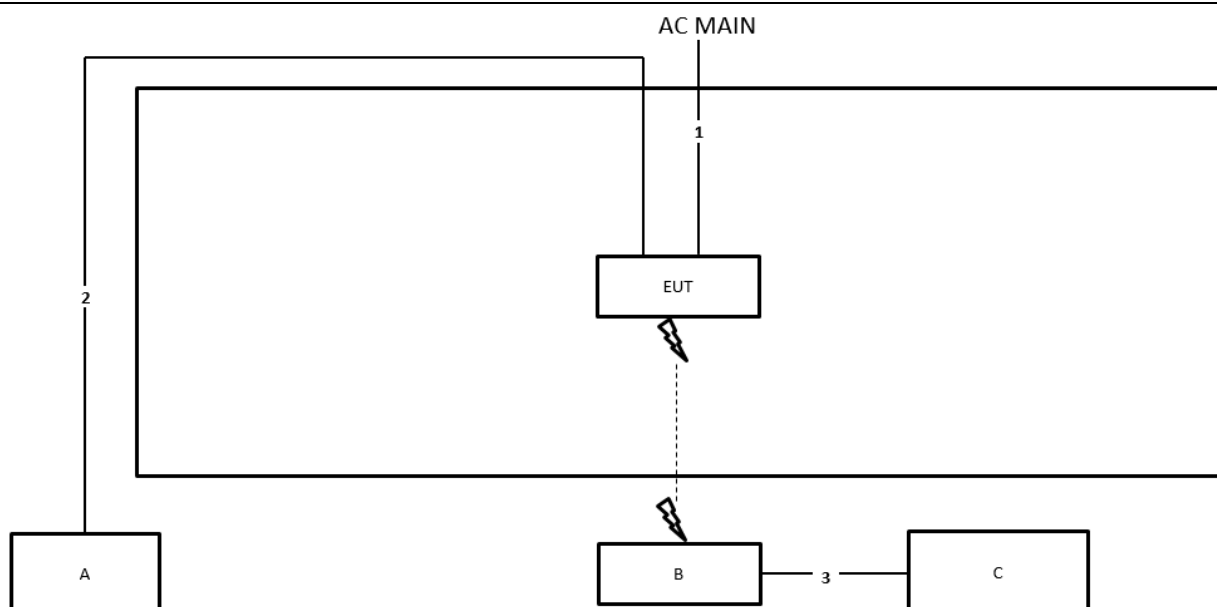
2.6 Test Setup Diagram



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


Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.53m

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



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



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

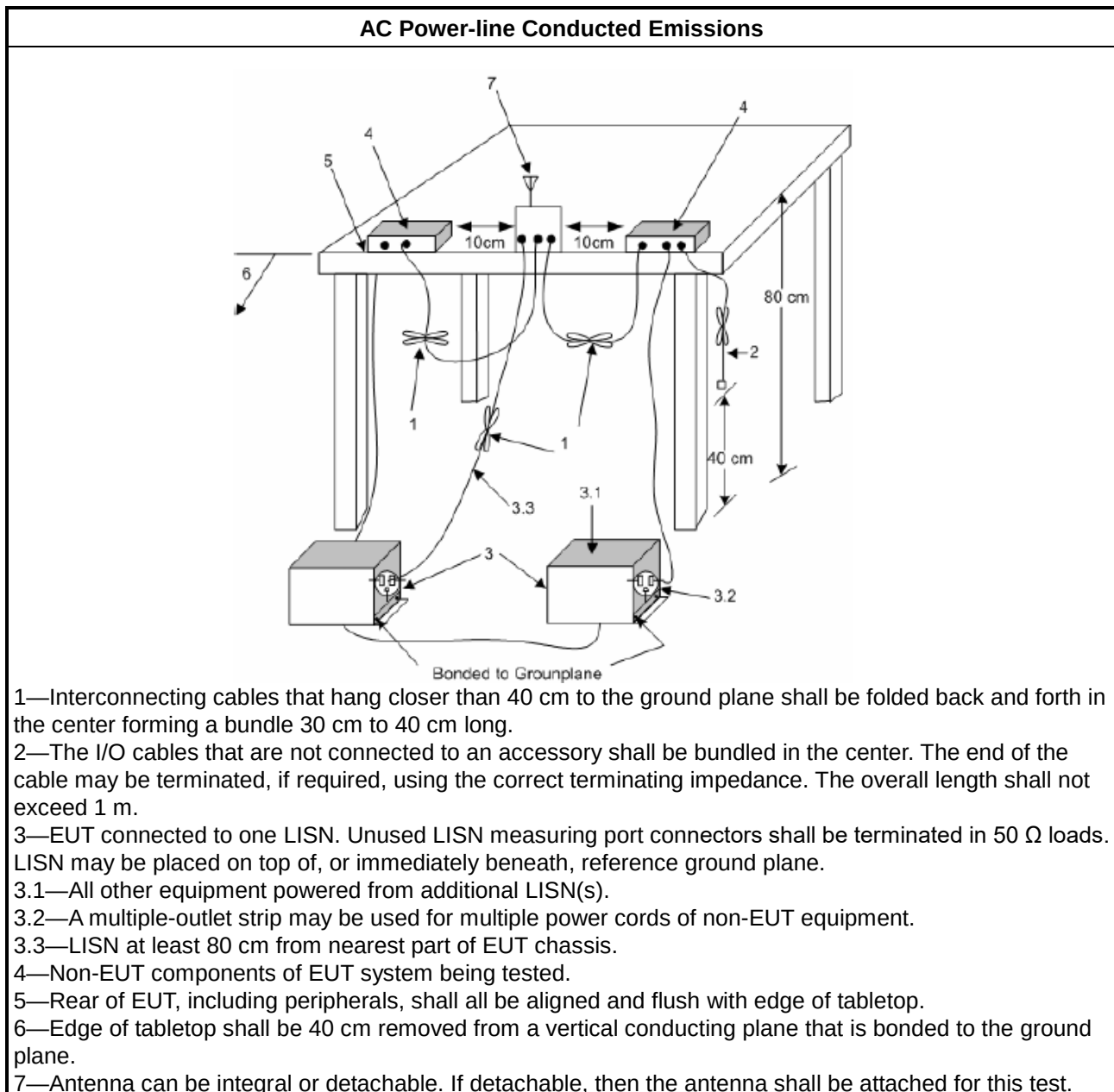
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- Corrected Reading (dBuV) = LISN Factor + Cable Loss + Read Level = Level
- Marginal = - Limit + (Read Level + LISN Factor + Cable Loss)

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

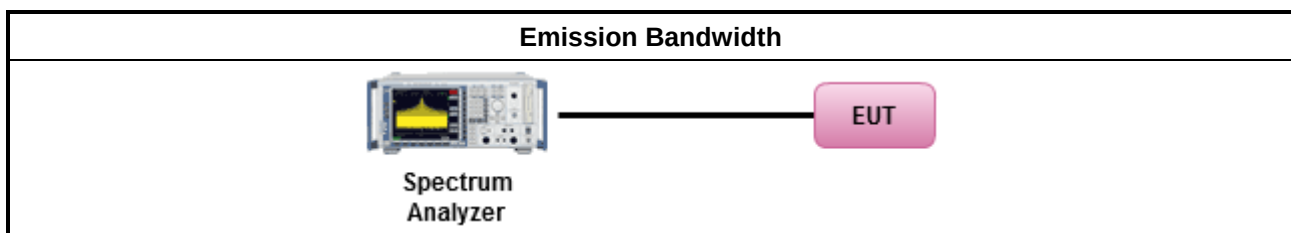
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



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

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

Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Limit	
UNII Devices	
☒ For the 5.925 ~ 6.425 GHz band:	
	■ For standard power access point and fixed client device : e.i.r.p < 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of a standard power access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
	■ For very low power device : e.i.r.p < 14 dBm.
☒ For the 6.425 ~ 6.525 GHz band:	
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
☒ For the 6.525 ~ 6.875 GHz band:	
	■ For standard power access point and fixed client device : e.i.r.p < 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of a standard power access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
	■ For very low power device : e.i.r.p < 14 dBm.
☒ For the 6.875 ~ 7.125 GHz band:	
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
RLAN Devices	
☐ For the 5.925 ~ 7.125 GHz band:	
	■ For low-power indoor access-points & indoor subordinate devices < 30 dBm .
	■ For low-power client devices < 24 dBm.
	■ For very low-power devices < 14 dBm.
☐ For the 5.925 ~ 6.875 GHz band:	
	■ For standard-power access points & fixed client devices < 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
	■ For standard client devices < 30 dBm.



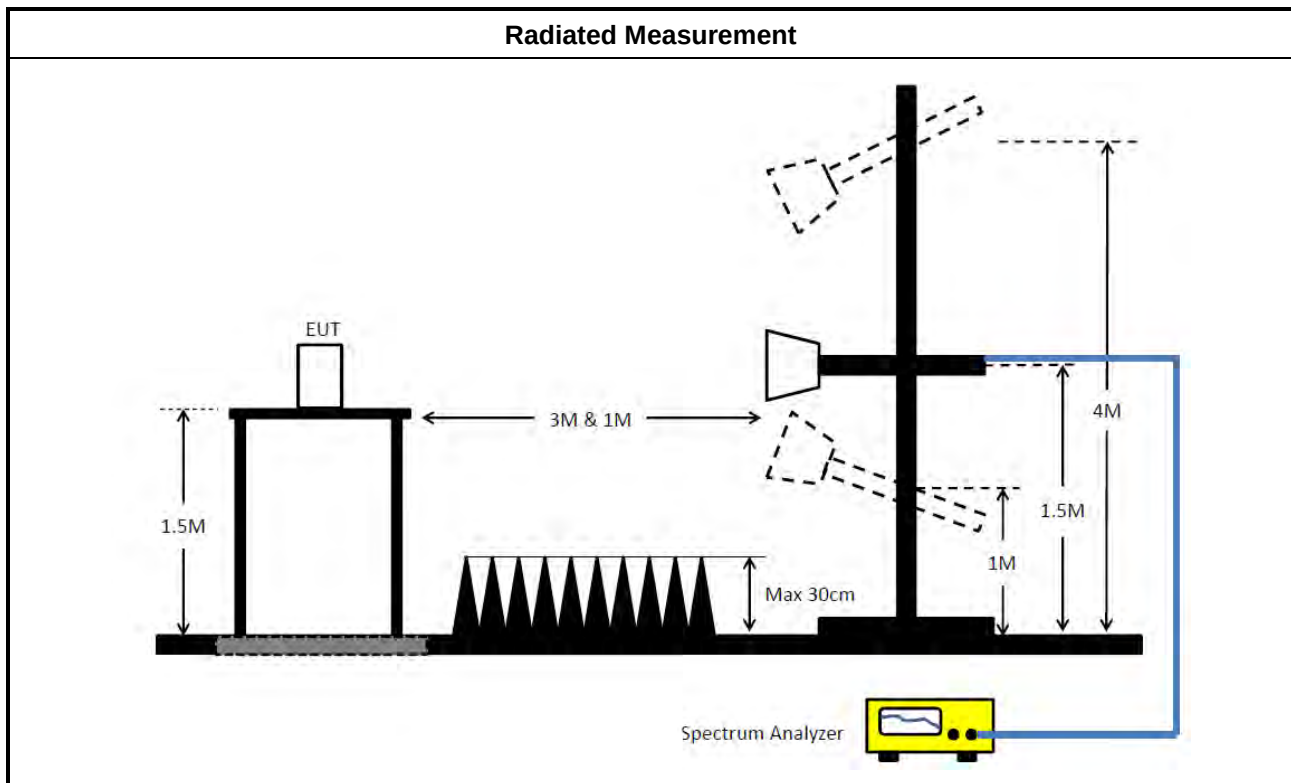
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



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

Refer as Appendix C



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

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

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

3.4.2 Measuring Instruments

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

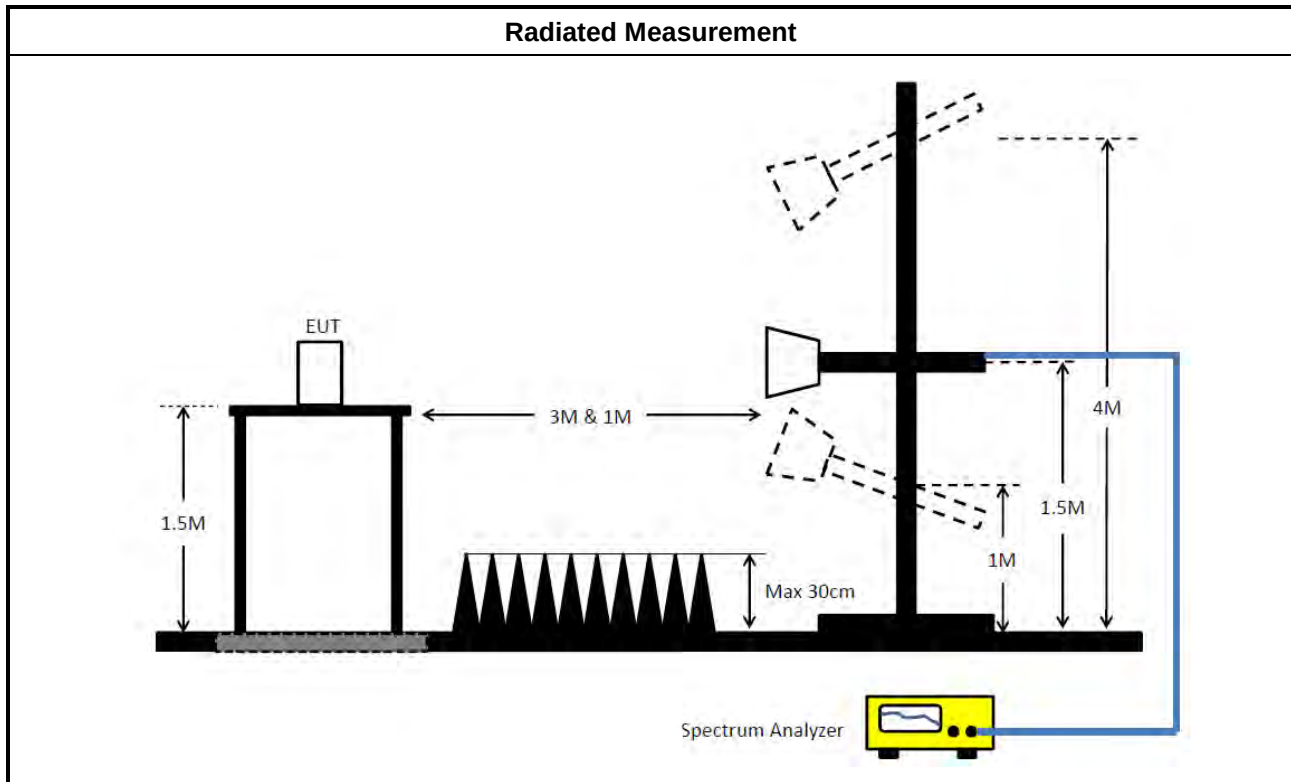


3.4.3 Test Procedures

Test Method	
According to FCC KDB 987594 D02 clause II.F, the measurement procedure shall refer to KDB 789033. Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as FCC KDB 789033 D02, 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

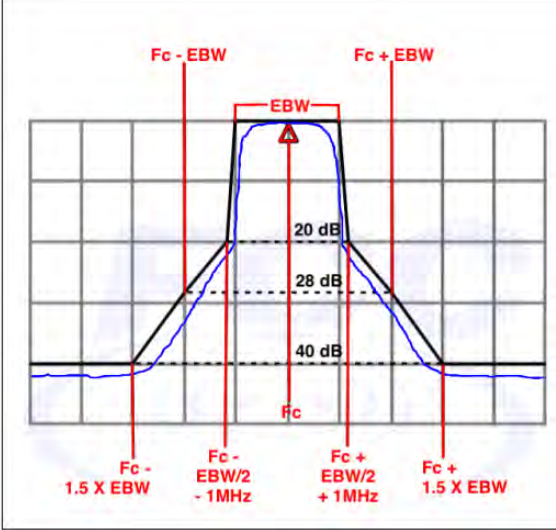
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3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



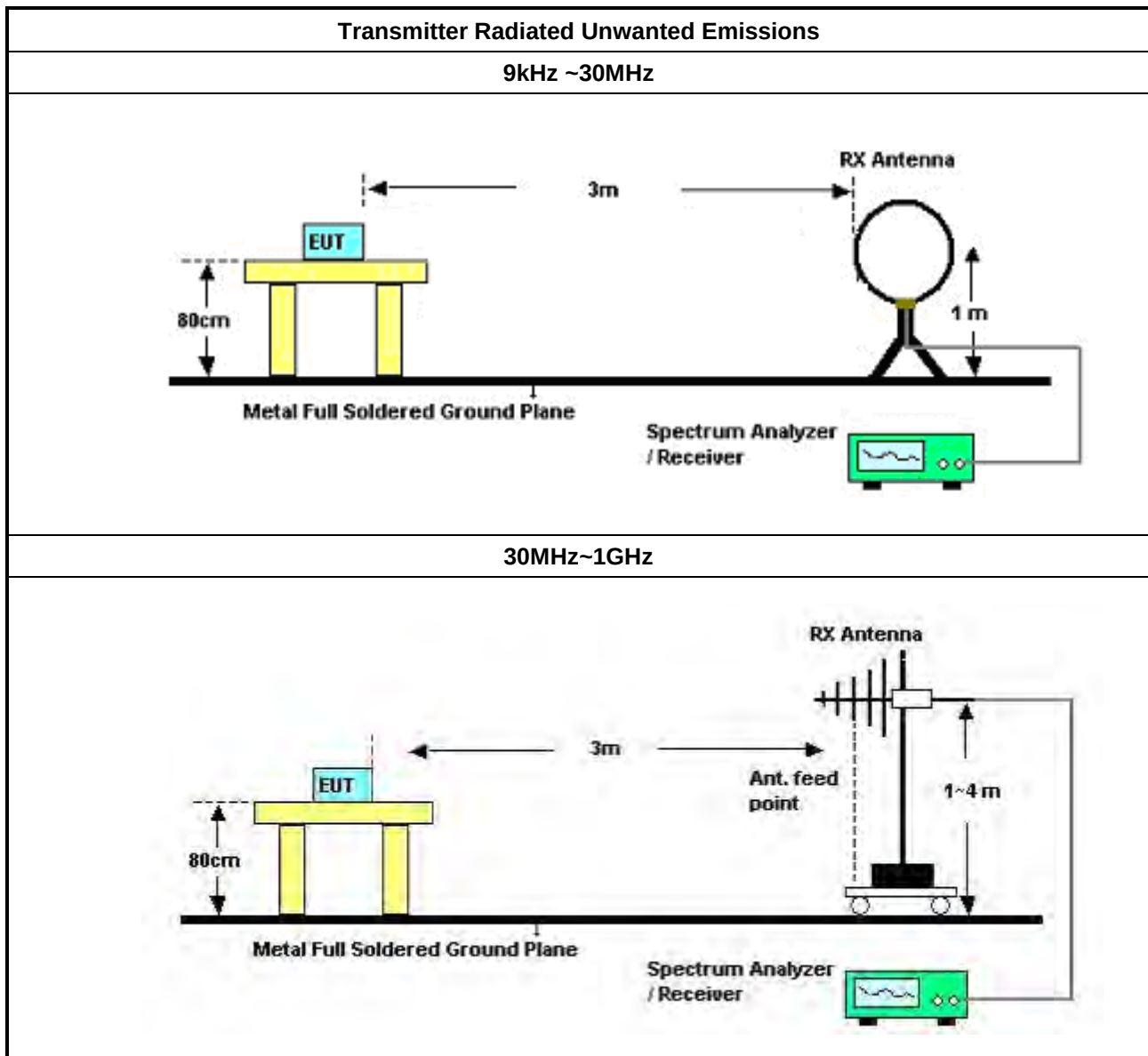
3.5.2 Measuring Instruments

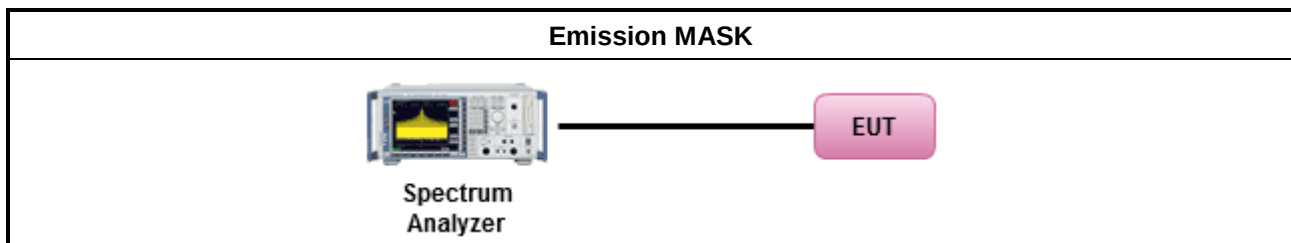
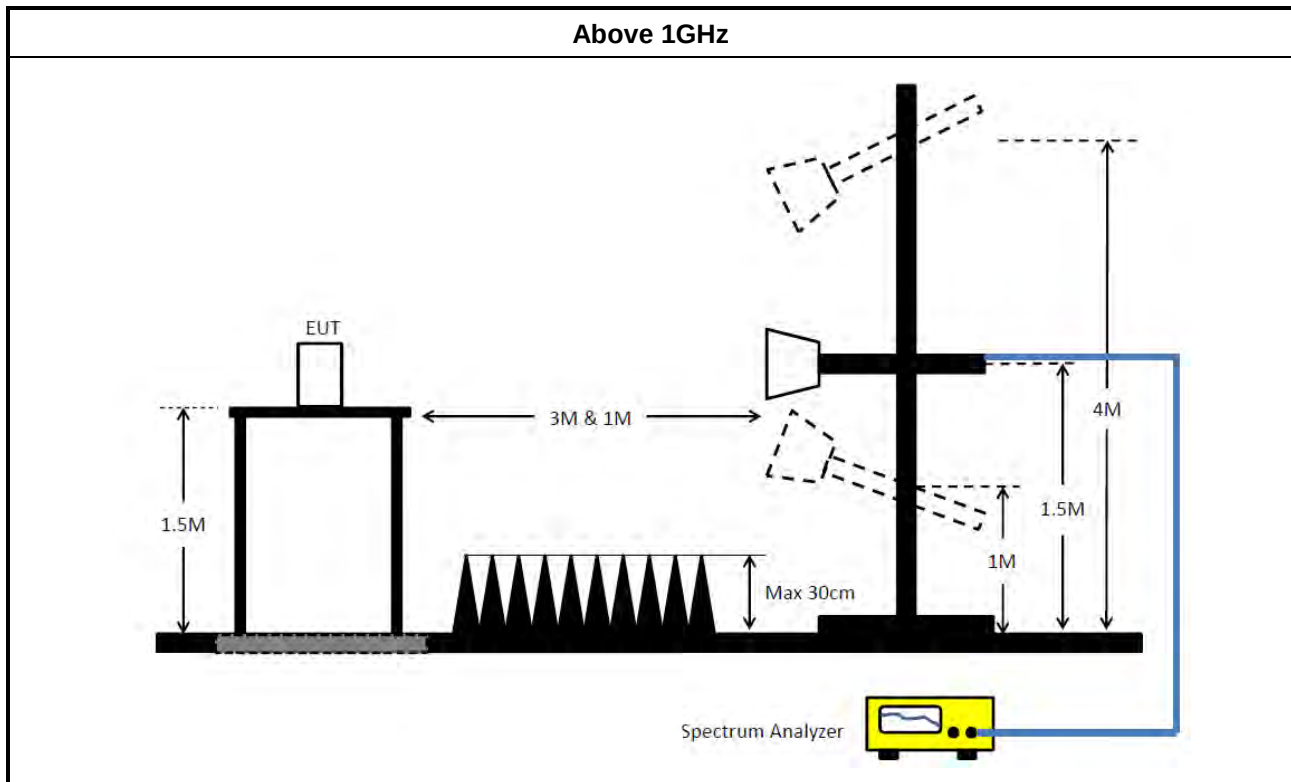
Refer a test equipment and calibration data table in this test report.

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.

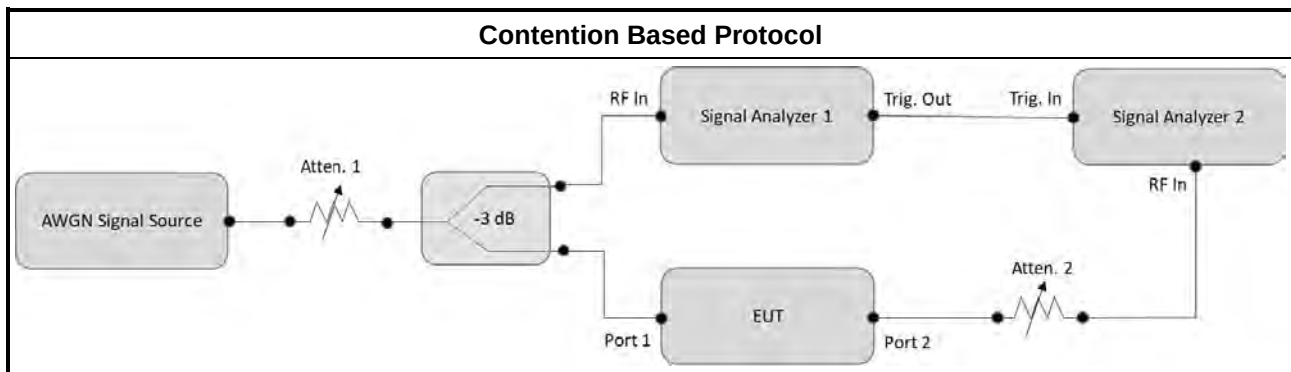
3.6.2 Measuring Instruments

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	8127647	9kHz ~ 30MHz	Apr. 24, 2024	Apr. 23, 2025	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	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 04, 2024	May 03, 2025	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jul.11, 2024	Jul. 10, 2025	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jul. 09, 2024	Jul. 08, 2025	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 17, 2024	May 16, 2025	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Nov. 28, 2023	Nov. 27, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11.19	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH04-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30 MHz ~ 1 GHz	Jul. 31, 2024	Jul. 30, 2025	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 22, 2024	Feb. 21, 2025	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N0 607	30MHz ~ 1GHz	Oct. 05, 2024	Oct. 04, 2025	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 20, 2023	Dec. 19, 2024	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jul. 09, 2024	Jul. 08, 2025	Radiation (03CH04-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 22, 2024	May 21, 2025	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 17, 2024	Jan. 16, 2025	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 19, 2024	Mar. 18, 2025	Radiation (03CH04-CB)
EMI Test Receiver	R&S	ESR7	102171	9kHz ~ 7GHz	Aug. 02, 2024	Aug. 01, 2025	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz – 1GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 02, 2023	Oct. 01, 2024	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. 02, 2023	Oct. 01, 2024	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11.19	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 01, 2024	Jul. 31, 2025	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 29, 2023	Sep. 28, 2024	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 28, 2024	Sep. 27, 2025	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 23, 2024	Mar. 22, 2025	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jul. 09, 2024	Jul. 08, 2025	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 02, 2024	May 01, 2025	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 17, 2024	Apr. 16, 2025	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESR7	102171	9kHz ~ 7GHz	Aug. 02, 2024	Aug. 01, 2025	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Jul. 27, 2024	Jul. 26, 2025	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11.19	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 09, 2023	Oct. 08, 2024	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 08, 2024	Oct. 07, 2025	Radiation (03CH06-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 29, 2024	Jul. 28, 2025	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jul. 09, 2024	Jul. 08, 2025	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC12630SE	980383	1GHz ~ 18GHz	Jul. 31, 2024	Jul. 30, 2025	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 26, 2024	Apr. 25, 2025	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	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	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11.19	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)
Band Rejector	MTJ	6G Band Rejector	6G-BRJ-01	1 ~ 18GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1 ~ 18GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH01-CB)
Band Rejector	MTJ	6G Band Rejector	6G-BRJ-02	1~ 18GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1~ 18GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~26.5 GHz	Oct. 03, 2023	Oct. 02, 2024	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. 02, 2023	Oct. 01, 2024	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. 02, 2023	Oct. 01, 2024	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. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	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. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	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	V5.11.19	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH01-CB)
Spectrum Analyzer	R&S	FSV40	101025	9kHz ~ 40GHz	Nov. 07, 2023	Nov. 06, 2024	Conducted (DF02-CB)
Spectrum Analyzer	R&S	FSV40	101025	9kHz ~ 40GHz	Nov. 08, 2024	Nov. 07, 2025	Conducted (DF02-CB)
Vector Signal generator	R&S	SMU200A	105352	25MHz-6GHz	Aug. 23, 2024	Aug. 22, 2025	Conducted (DF02-CB)
Vector Signal Generator	R&S	SMM100A	101894	100kHz ~ 7.5GHz	Oct. 24, 2023	Oct. 23, 2024	Conducted (DF02-CB)
Vector Signal Generator	R&S	SMM100A	101894	100kHz ~ 7.5GHz	Oct. 28, 2024	Oct. 27, 2025	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -05	1 ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -05	1 ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -06	1 ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -06	1 ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -07	1 ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -07	1 ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -08	1 ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -08	1 ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF02-CB)



RADIO TEST REPORT

Report No. : FR470906AC

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	Cable-60	1~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	Cable-61	1~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	Cable-63	1~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF02-CB)
Test Software	SPORTON	DFS Test	V1.01	5.25GHz-5.725GHz	N.C.R.	N.C.R.	Conducted (DF02-CB)

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

NCR means Non-Calibration required.



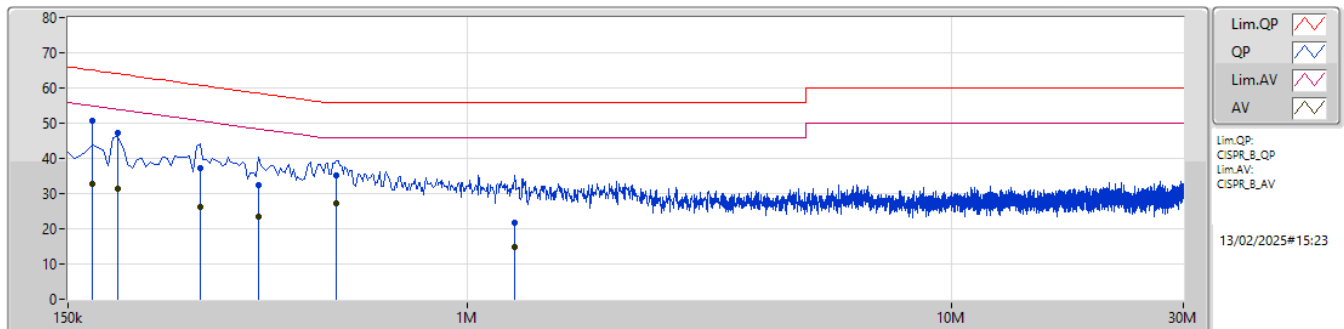
Conducted Emissions at Powerline

Appendix A

Summary

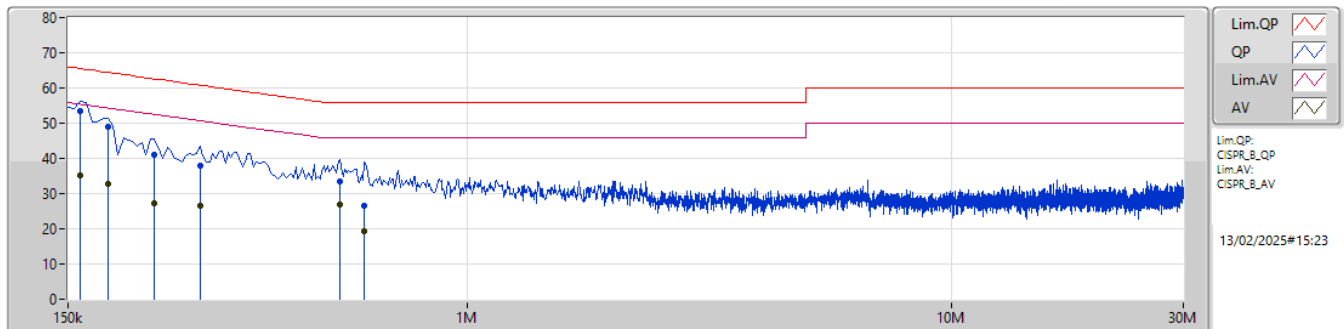
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	159k	53.29	65.52	-12.23	Neutral

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	168k	50.59	65.06	-14.47	10.15	Line	"Worst"	40.44	0.05	0.08	10.02						
AV	168k	32.93	55.06	-22.13	10.15	Line	-	22.78	0.05	0.08	10.02						
QP	190.5k	47.26	64.01	-16.75	10.14	Line	-	37.12	0.05	0.07	10.02						
AV	190.5k	31.39	54.01	-22.62	10.14	Line	-	21.25	0.05	0.07	10.02						
QP	280.5k	37.11	60.80	-23.69	10.15	Line	-	26.96	0.05	0.08	10.02						
AV	280.5k	26.07	50.80	-24.73	10.15	Line	-	15.92	0.05	0.08	10.02						
QP	370.5k	32.42	58.49	-26.07	10.18	Line	-	22.24	0.05	0.10	10.03						
AV	370.5k	23.31	48.49	-25.18	10.18	Line	-	13.13	0.05	0.10	10.03						
QP	537k	35.31	56.00	-20.69	10.19	Line	-	25.12	0.06	0.10	10.03						
AV	537k	27.26	46.00	-18.74	10.19	Line	-	17.07	0.06	0.10	10.03						
QP	1.253M	21.82	56.00	-34.18	10.21	Line	-	11.61	0.08	0.11	10.02						
AV	1.253M	14.94	46.00	-31.06	10.21	Line	-	4.73	0.08	0.11	10.02						

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	159k	53.29	65.52	-12.23	10.15	Neutral	"Worst"	43.14	0.05	0.08	10.02						
AV	159k	35.22	55.52	-20.30	10.15	Neutral	-	25.07	0.05	0.08	10.02						
QP	181.5k	49.13	64.41	-15.28	10.14	Neutral	-	38.99	0.05	0.07	10.02						
AV	181.5k	32.77	54.41	-21.64	10.14	Neutral	-	22.63	0.05	0.07	10.02						
QP	226.5k	41.10	62.58	-21.48	10.15	Neutral	-	30.95	0.05	0.08	10.02						
AV	226.5k	27.20	52.58	-25.38	10.15	Neutral	-	17.05	0.05	0.08	10.02						
QP	280.5k	37.98	60.80	-22.82	10.15	Neutral	-	27.83	0.05	0.08	10.02						
AV	280.5k	26.45	50.80	-24.35	10.15	Neutral	-	16.30	0.05	0.08	10.02						
QP	546k	33.57	56.00	-22.43	10.18	Neutral	-	23.39	0.05	0.10	10.03						
AV	546k	26.74	46.00	-19.26	10.18	Neutral	-	16.56	0.05	0.10	10.03						
QP	613.5k	26.49	56.00	-29.51	10.18	Neutral	-	16.31	0.05	0.10	10.03						
AV	613.5k	19.22	46.00	-26.78	10.18	Neutral	-	9.04	0.05	0.10	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)_4TX	21.67M	19.041M	19M0D1D	20.845M	18.985M
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.615M	19.09M	19M1D1D	21.175M	18.991M
802.11be EHT40_Nss1,(MCS0)_4TX	40.7M	37.848M	37M8D1D	40.04M	37.673M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	41.14M	37.781M	37M8D1D	40.04M	37.681M
802.11be EHT80_Nss1,(MCS0)_4TX	82.28M	77.288M	77M3D1D	80.96M	77.037M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	82.72M	77.261M	77M3D1D	80.74M	77.061M
802.11be EHT160_Nss1,(MCS0)_4TX	165M	156.363M	156MD1D	162.36M	155.885M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	164.56M	156.322M	156MD1D	162.8M	155.922M
802.11be EHT320_Nss1,(MCS0)_4TX	327.36M	315.848M	316MD1D	324.72M	314.686M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	327.36M	315.442M	315MD1D	323.84M	314.643M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	21.725M	19.112M	19M1D1D	20.735M	18.986M
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.67M	19.09M	19M1D1D	21.23M	18.991M
802.11be EHT40_Nss1,(MCS0)_4TX	41.47M	37.82M	37M8D1D	40.04M	37.659M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	41.03M	37.831M	37M8D1D	40.04M	37.681M
802.11be EHT80_Nss1,(MCS0)_4TX	82.06M	77.31M	77M3D1D	80.96M	77.082M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	81.84M	77.261M	77M3D1D	80.96M	77.061M
802.11be EHT160_Nss1,(MCS0)_4TX	163.68M	156.38M	156MD1D	162.8M	156.083M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	165M	156.522M	157MD1D	163.24M	156.122M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	21.505M	19.073M	19M1D1D	20.955M	18.962M
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.835M	19.065M	19M1D1D	21.175M	19.015M
802.11be EHT40_Nss1,(MCS0)_4TX	40.92M	37.788M	37M8D1D	40.15M	37.696M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	41.25M	37.781M	37M8D1D	40.04M	37.631M
802.11be EHT80_Nss1,(MCS0)_4TX	82.5M	77.296M	77M3D1D	81.18M	77.064M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	82.28M	77.361M	77M4D1D	81.18M	77.061M
802.11be EHT160_Nss1,(MCS0)_4TX	164.56M	156.429M	156MD1D	162.8M	156.09M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	164.56M	156.522M	157MD1D	163.24M	156.122M
802.11be EHT320_Nss1,(MCS0)_4TX	327.36M	316.368M	316MD1D	324.72M	315.01M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	341.44M	315.842M	316MD1D	324.72M	314.643M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	21.615M	19.098M	19M1D1D	21.01M	18.954M
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.89M	19.09M	19M1D1D	21.34M	19.015M
802.11be EHT40_Nss1,(MCS0)_4TX	40.92M	37.862M	37M9D1D	40.15M	37.695M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	41.47M	37.831M	37M8D1D	40.15M	37.681M
802.11be EHT80_Nss1,(MCS0)_4TX	82.28M	77.237M	77M2D1D	80.96M	77.012M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	82.5M	77.361M	77M4D1D	81.18M	77.161M
802.11be EHT160_Nss1,(MCS0)_4TX	164.56M	156.226M	156MD1D	163.24M	156.116M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	164.56M	156.322M	156MD1D	163.68M	155.922M

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

Result

Mode	Result	Limit	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	21.395M	19.006M	21.34M	19.013M	21.34M	19.002M	21.285M	18.985M
6195MHz	Pass	Inf	20.845M	19.007M	21.45M	19.04M	21.505M	19.041M	21.45M	19.028M
6415MHz	Pass	Inf	21.34M	19.028M	21.23M	19.03M	21.395M	19.022M	21.67M	19.002M
6435MHz	Pass	Inf	21.175M	19.012M	21.725M	19.047M	20.735M	19.007M	21.285M	19.023M
6475MHz	Pass	Inf	21.56M	19.112M	21.34M	19.039M	21.065M	19.032M	21.23M	19.013M
6515MHz	Pass	Inf	21.065M	18.986M	21.065M	19.019M	21.12M	19.088M	21.505M	19.039M
6535MHz	Pass	Inf	21.285M	19.066M	21.01M	19.018M	21.505M	18.988M	21.175M	19.006M
6695MHz	Pass	Inf	21.285M	18.962M	21.395M	19.057M	21.505M	19.022M	21.395M	19.058M
6875MHz	Pass	Inf	20.955M	19.005M	21.395M	19.067M	21.285M	18.975M	21.01M	19.073M
6895MHz	Pass	Inf	21.175M	19.048M	21.065M	19.008M	21.34M	19.003M	21.12M	18.992M
6995MHz	Pass	Inf	21.45M	19.046M	21.01M	19.042M	21.285M	19.026M	21.285M	19.063M
7095MHz	Pass	Inf	21.615M	18.954M	21.12M	19.081M	21.34M	19.053M	21.175M	19.044M
7115MHz	Pass	Inf	21.175M	19.036M	21.12M	19.098M	21.23M	19.01M	21.285M	18.999M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	40.04M	37.749M	40.48M	37.673M	40.48M	37.685M	40.04M	37.779M
6205MHz	Pass	Inf	40.59M	37.674M	40.59M	37.691M	40.04M	37.68M	40.04M	37.762M
6405MHz	Pass	Inf	40.7M	37.798M	40.04M	37.755M	40.48M	37.705M	40.15M	37.848M
6445MHz	Pass	Inf	41.47M	37.771M	40.92M	37.715M	40.04M	37.82M	40.48M	37.727M
6485MHz	Pass	Inf	41.47M	37.686M	40.26M	37.82M	40.04M	37.767M	40.59M	37.659M
6525MHz	Pass	Inf	40.26M	37.76M	40.48M	37.761M	40.92M	37.757M	40.15M	37.741M
6565MHz	Pass	Inf	40.59M	37.738M	40.7M	37.696M	40.48M	37.729M	40.37M	37.738M
6685MHz	Pass	Inf	40.92M	37.758M	40.37M	37.77M	40.48M	37.702M	40.26M	37.73M
6885MHz	Pass	Inf	40.81M	37.756M	40.37M	37.729M	40.7M	37.718M	40.15M	37.788M
6925MHz	Pass	Inf	40.15M	37.71M	40.15M	37.695M	40.48M	37.818M	40.26M	37.698M
7005MHz	Pass	Inf	40.92M	37.72M	40.26M	37.742M	40.15M	37.787M	40.15M	37.706M
7085MHz	Pass	Inf	40.7M	37.778M	40.48M	37.862M	40.59M	37.769M	40.48M	37.754M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	82.06M	77.22M	81.4M	77.196M	80.96M	77.239M	82.28M	77.172M
6225MHz	Pass	Inf	81.4M	77.208M	81.4M	77.269M	81.84M	77.229M	81.4M	77.037M
6385MHz	Pass	Inf	81.84M	77.288M	81.62M	77.187M	80.96M	77.232M	81.62M	77.149M
6465MHz	Pass	Inf	81.84M	77.161M	80.96M	77.082M	81.4M	77.31M	81.62M	77.212M
6545MHz	Pass	Inf	82.06M	77.276M	81.18M	77.299M	81.4M	77.197M	81.4M	77.182M
6625MHz	Pass	Inf	81.84M	77.186M	81.18M	77.162M	81.4M	77.21M	82.06M	77.18M
6705MHz	Pass	Inf	82.5M	77.296M	81.4M	77.255M	81.84M	77.165M	81.62M	77.16M
6785MHz	Pass	Inf	82.28M	77.177M	81.62M	77.171M	81.4M	77.153M	81.62M	77.185M
6865MHz	Pass	Inf	82.06M	77.064M	81.84M	77.137M	81.4M	77.189M	81.4M	77.103M
6945MHz	Pass	Inf	82.28M	77.165M	81.4M	77.205M	81.4M	77.012M	81.4M	77.237M
7025MHz	Pass	Inf	82.06M	77.188M	81.18M	77.198M	80.96M	77.158M	81.84M	77.091M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	164.12M	155.885M	163.24M	156.031M	162.36M	156.049M	164.12M	155.924M
6185MHz	Pass	Inf	164.12M	156.353M	165M	156.268M	164.12M	156.363M	163.24M	156.353M
6345MHz	Pass	Inf	163.24M	156.302M	163.68M	156.05M	164.12M	156.241M	164.12M	156.212M
6505MHz	Pass	Inf	163.24M	156.237M	162.8M	156.195M	163.68M	156.38M	163.68M	156.083M
6665MHz	Pass	Inf	163.68M	156.429M	162.8M	156.386M	164.56M	156.228M	164.12M	156.252M
6825MHz	Pass	Inf	163.68M	156.372M	163.24M	156.204M	164.12M	156.312M	164.12M	156.09M
6985MHz	Pass	Inf	164.56M	156.226M	163.24M	156.116M	164.12M	156.192M	163.68M	156.222M
802.11be EHT320_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	Inf	326.48M	314.969M	325.6M	315.022M	327.36M	315.266M	325.6M	314.686M
6265MHz	Pass	Inf	326.48M	315.781M	325.6M	315.824M	324.72M	315.848M	325.6M	315.394M
6425MHz	Pass	Inf	326.48M	315.441M	326.48M	315.442M	325.6M	315.485M	325.6M	315.129M
6585MHz	Pass	Inf	326.48M	315.554M	326.48M	315.895M	327.36M	315.813M	326.48M	316.368M
6745MHz	Pass	Inf	326.48M	315.331M	324.72M	315.271M	327.36M	315.226M	326.48M	315.288M
6905MHz	Pass	Inf	326.48M	315.178M	327.36M	315.409M	327.36M	315.01M	325.6M	315.725M
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5955MHz	Pass	Inf	21.615M	19.09M	21.395M	19.065M	21.615M	19.065M	21.395M	19.065M
6195MHz	Pass	Inf	21.615M	19.04M	21.56M	19.04M	21.56M	19.04M	21.395M	19.04M
6415MHz	Pass	Inf	21.285M	19.04M	21.395M	19.09M	21.175M	18.991M	21.285M	19.04M
6435MHz	Pass	Inf	21.395M	19.015M	21.67M	19.09M	21.56M	19.04M	21.45M	18.991M
6475MHz	Pass	Inf	21.45M	19.015M	21.505M	19.04M	21.34M	19.015M	21.56M	19.015M
6515MHz	Pass	Inf	21.23M	19.04M	21.395M	19.065M	21.23M	19.015M	21.34M	19.04M
6535MHz	Pass	Inf	21.615M	19.065M	21.56M	19.04M	21.725M	19.015M	21.34M	19.065M
6695MHz	Pass	Inf	21.835M	19.015M	21.505M	19.015M	21.395M	19.04M	21.505M	19.04M
6875MHz	Pass	Inf	21.175M	19.065M	21.23M	19.04M	21.175M	19.015M	21.23M	19.04M
6895MHz	Pass	Inf	21.34M	19.09M	21.45M	19.04M	21.89M	19.04M	21.835M	19.09M
6995MHz	Pass	Inf	21.34M	19.04M	21.67M	19.065M	21.505M	19.065M	21.56M	19.065M
7095MHz	Pass	Inf	21.615M	19.04M	21.505M	19.09M	21.615M	19.015M	21.615M	19.015M
7115MHz	Pass	Inf	21.395M	19.065M	21.505M	19.04M	21.45M	19.065M	21.45M	19.065M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	40.37M	37.781M	40.37M	37.781M	40.37M	37.731M	40.15M	37.731M
6205MHz	Pass	Inf	40.59M	37.731M	40.15M	37.731M	40.48M	37.781M	40.48M	37.681M
6405MHz	Pass	Inf	41.14M	37.781M	40.04M	37.731M	40.15M	37.681M	40.37M	37.731M
6445MHz	Pass	Inf	40.92M	37.731M	40.7M	37.731M	40.37M	37.831M	40.15M	37.731M
6485MHz	Pass	Inf	41.03M	37.731M	40.26M	37.681M	40.04M	37.781M	40.81M	37.731M
6525MHz	Pass	Inf	40.7M	37.731M	40.04M	37.731M	40.48M	37.781M	40.37M	37.831M
6565MHz	Pass	Inf	41.25M	37.781M	40.37M	37.731M	40.26M	37.781M	40.15M	37.731M
6685MHz	Pass	Inf	40.48M	37.731M	40.26M	37.681M	40.37M	37.681M	40.26M	37.631M
6885MHz	Pass	Inf	40.92M	37.731M	40.04M	37.781M	40.37M	37.781M	40.26M	37.781M
6925MHz	Pass	Inf	40.7M	37.681M	40.48M	37.781M	40.59M	37.781M	40.37M	37.731M
7005MHz	Pass	Inf	41.47M	37.831M	40.59M	37.781M	40.26M	37.781M	40.26M	37.781M
7085MHz	Pass	Inf	41.14M	37.731M	40.15M	37.731M	40.37M	37.781M	40.26M	37.731M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	82.72M	77.261M	81.4M	77.161M	81.18M	77.161M	81.4M	77.161M
6225MHz	Pass	Inf	82.5M	77.261M	81.18M	77.261M	81.4M	77.161M	81.62M	77.161M
6385MHz	Pass	Inf	82.06M	77.161M	80.96M	77.161M	80.74M	77.061M	81.62M	77.261M
6465MHz	Pass	Inf	81.84M	77.161M	81.84M	77.261M	81.62M	77.061M	81.84M	77.161M
6545MHz	Pass	Inf	81.62M	77.161M	80.96M	77.261M	81.4M	77.161M	81.62M	77.161M
6625MHz	Pass	Inf	82.06M	77.361M	81.62M	77.161M	81.18M	77.161M	81.62M	77.161M
6705MHz	Pass	Inf	81.84M	77.161M	81.62M	77.061M	81.18M	77.261M	82.06M	77.161M
6785MHz	Pass	Inf	82.28M	77.261M	81.62M	77.361M	81.4M	77.261M	81.62M	77.261M
6865MHz	Pass	Inf	81.84M	77.261M	81.62M	77.261M	81.62M	77.261M	81.4M	77.161M
6945MHz	Pass	Inf	82.28M	77.261M	81.18M	77.161M	81.62M	77.161M	82.06M	77.261M
7025MHz	Pass	Inf	82.5M	77.361M	81.62M	77.361M	81.4M	77.361M	81.4M	77.261M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	163.68M	155.922M	164.12M	155.922M	164.12M	155.922M	163.68M	156.122M
6185MHz	Pass	Inf	164.12M	156.322M	164.56M	156.322M	163.68M	156.122M	163.68M	156.122M
6345MHz	Pass	Inf	163.24M	156.322M	163.68M	156.322M	164.12M	155.922M	162.8M	156.122M
6505MHz	Pass	Inf	165M	156.322M	164.12M	156.522M	163.24M	156.122M	164.12M	156.122M
6665MHz	Pass	Inf	164.12M	156.322M	164.56M	156.322M	163.24M	156.322M	163.68M	156.122M
6825MHz	Pass	Inf	164.12M	156.122M	164.12M	156.322M	163.68M	156.122M	164.12M	156.522M
6985MHz	Pass	Inf	164.56M	156.322M	164.12M	156.122M	164.12M	155.922M	163.68M	155.922M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	Inf	324.72M	314.643M	325.6M	314.643M	323.84M	314.643M	325.6M	314.643M
6265MHz	Pass	Inf	326.48M	315.442M	325.6M	315.442M	326.48M	315.042M	325.6M	315.442M
6425MHz	Pass	Inf	326.48M	314.643M	327.36M	315.042M	326.48M	315.042M	326.48M	315.442M
6585MHz	Pass	Inf	327.36M	315.442M	326.48M	315.442M	325.6M	315.442M	325.6M	315.442M
6745MHz	Pass	Inf	341.44M	315.442M	324.72M	315.442M	327.36M	315.842M	325.6M	315.442M
6905MHz	Pass	Inf	325.6M	315.042M	325.6M	315.442M	325.6M	315.042M	325.6M	314.643M

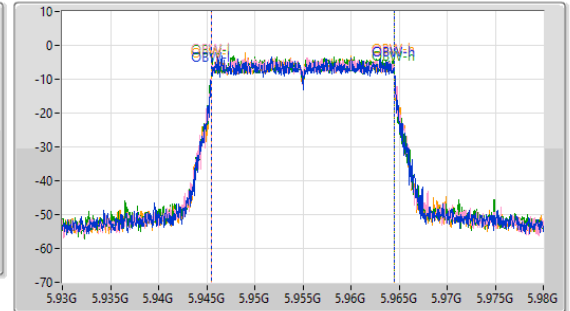
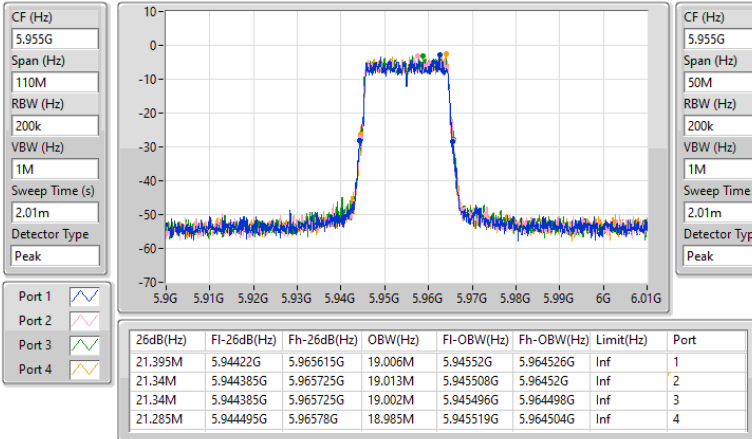
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5955MHz

21/08/2024

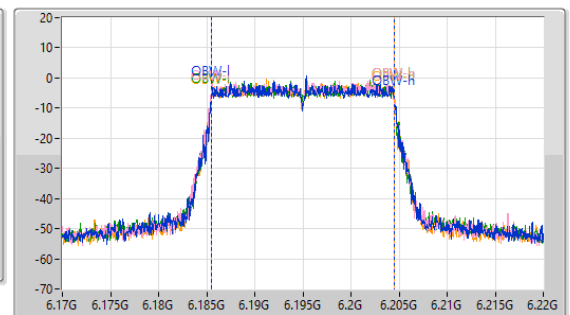
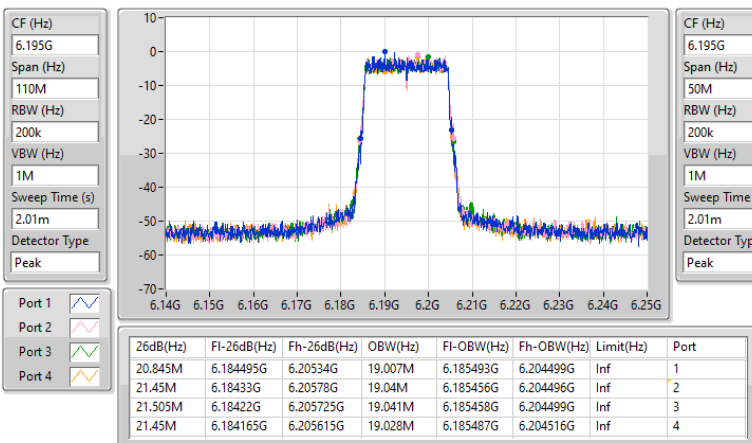


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6195MHz

21/08/2024

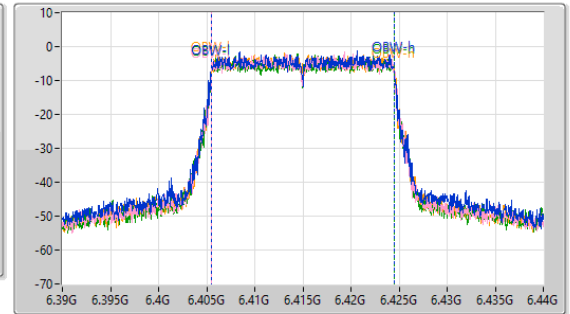
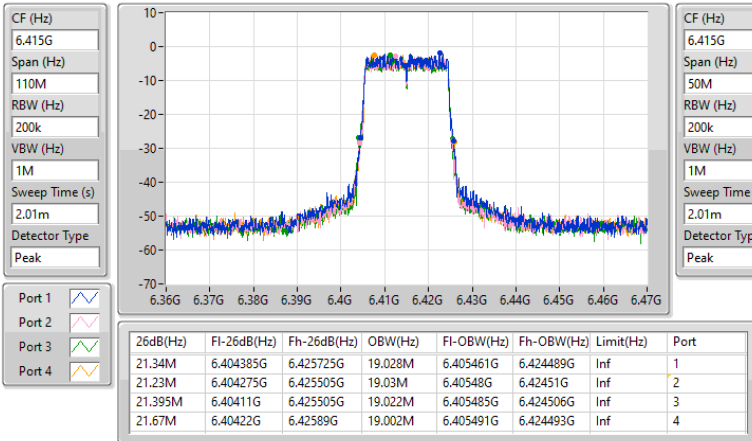


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6415MHz

21/08/2024

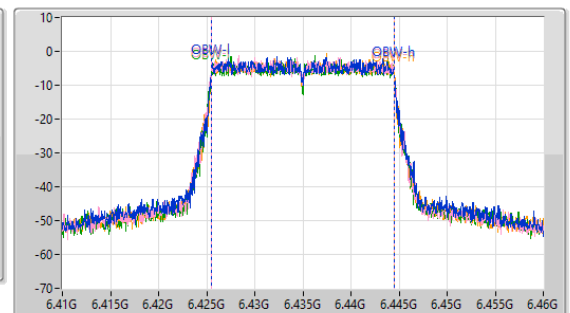
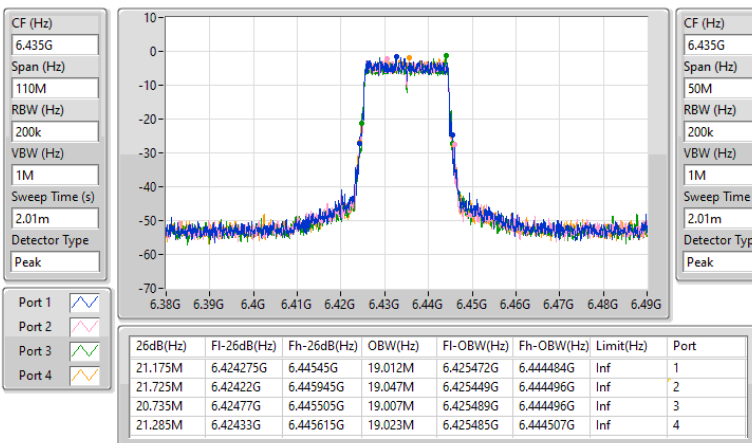


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6435MHz

21/08/2024

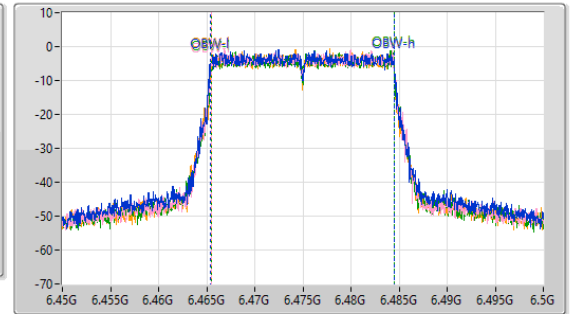
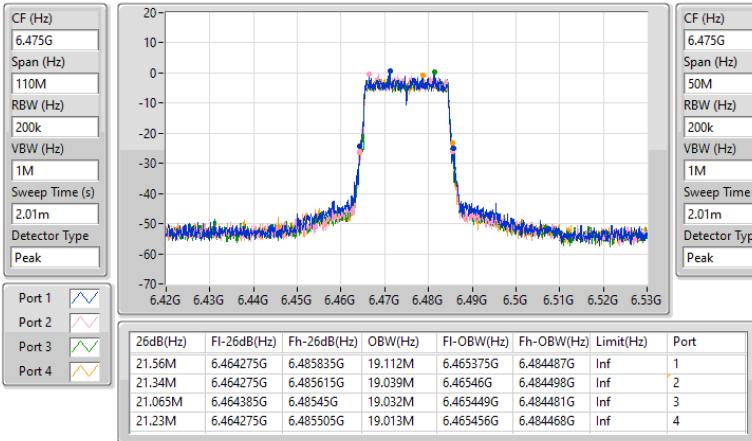


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6475MHz

21/08/2024

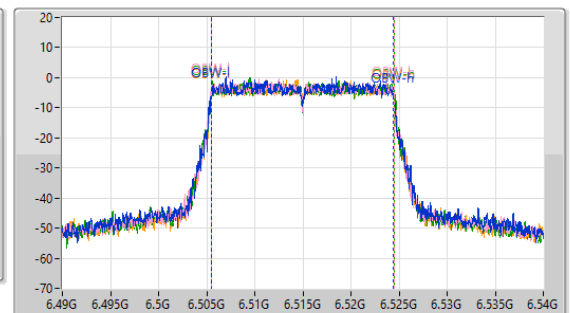
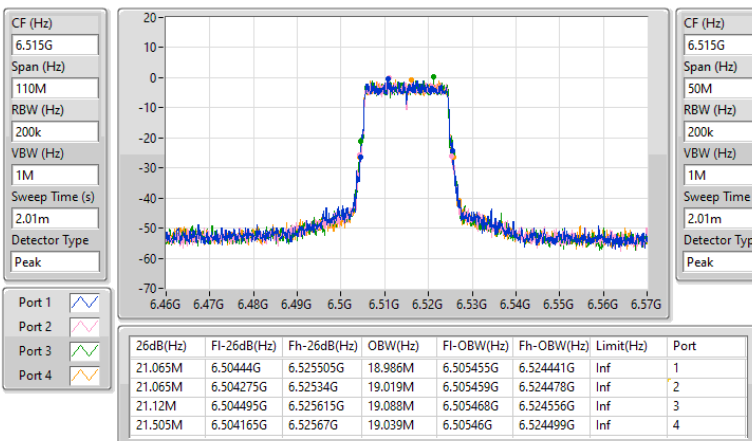


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

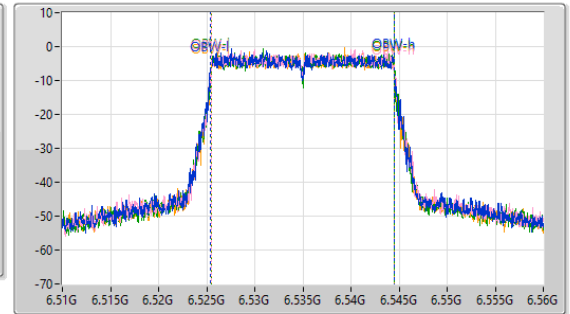
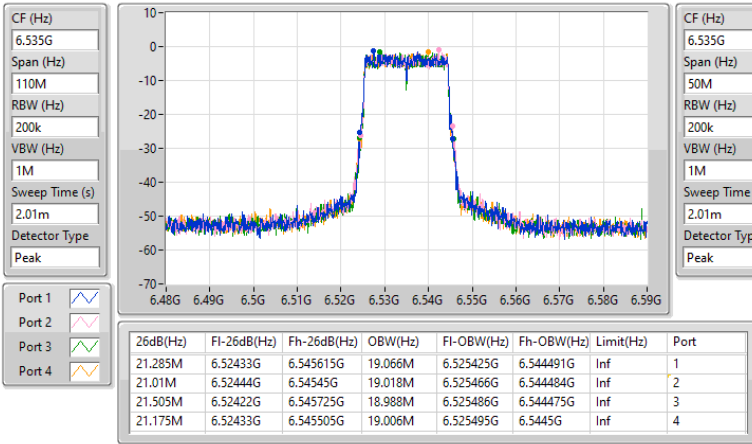
6515MHz

21/08/2024

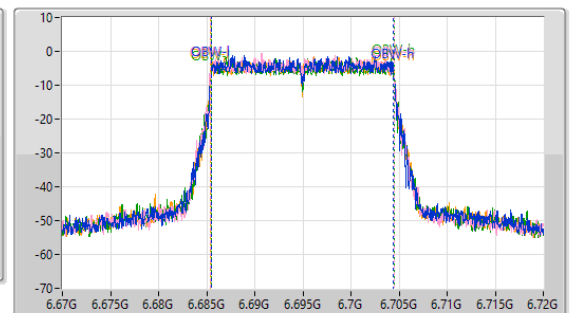
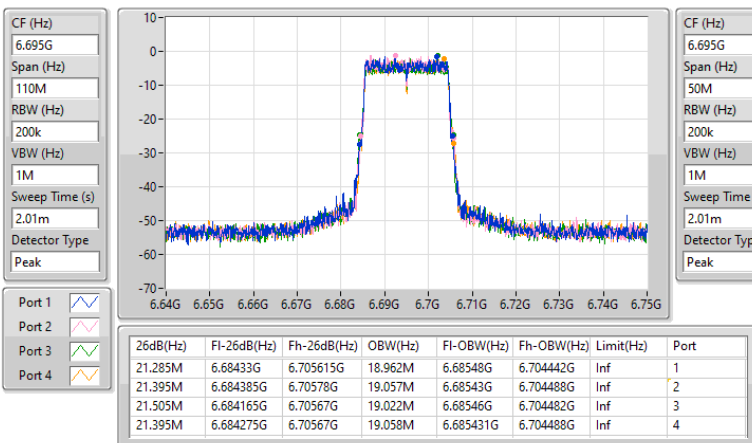


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6535MHz

21/08/2024


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6695MHz

21/08/2024

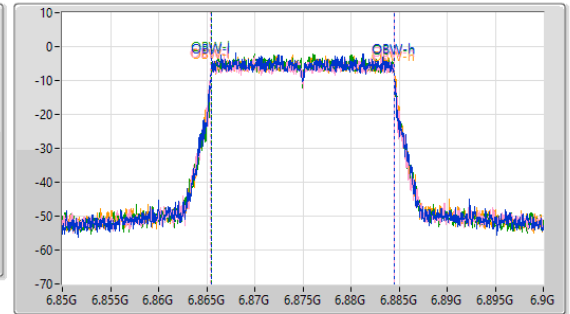
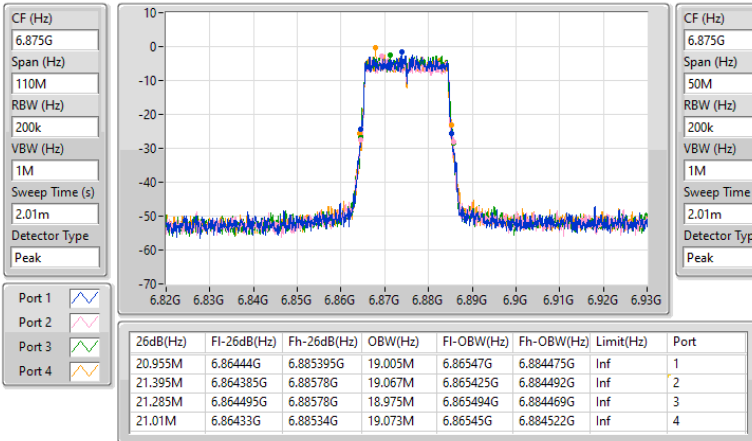


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6875MHz

21/08/2024

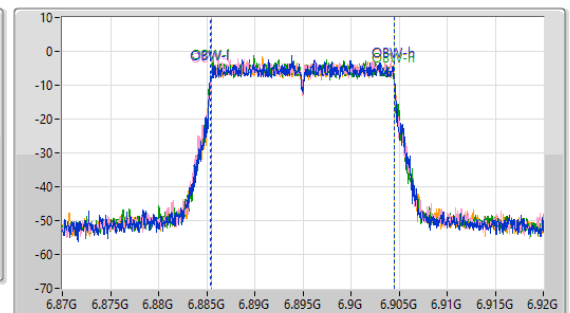
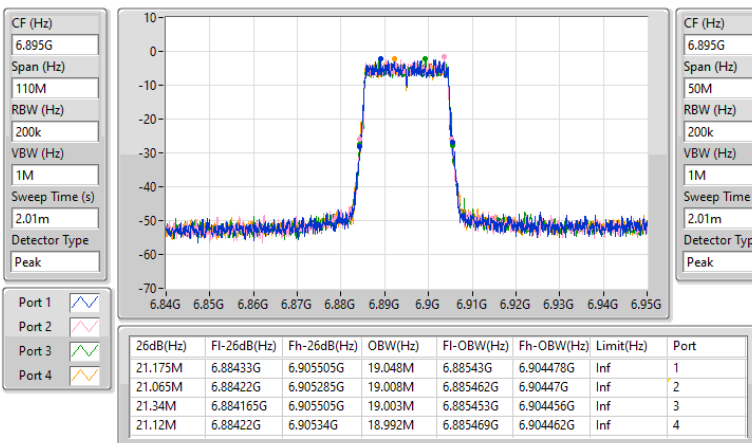


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

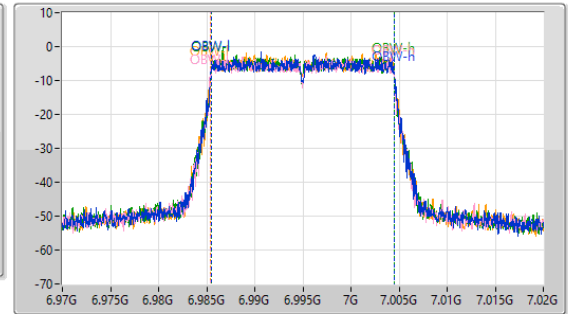
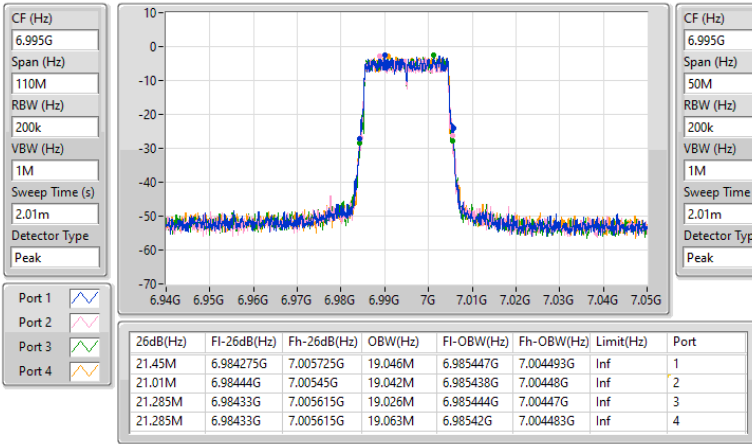
6895MHz

21/08/2024

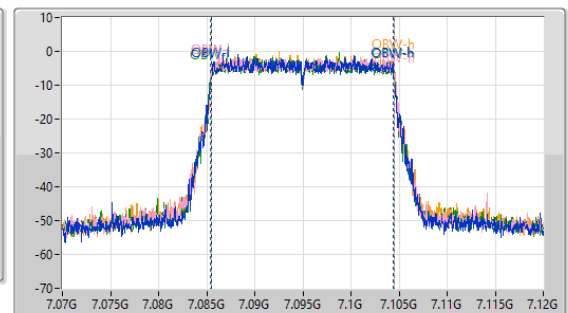
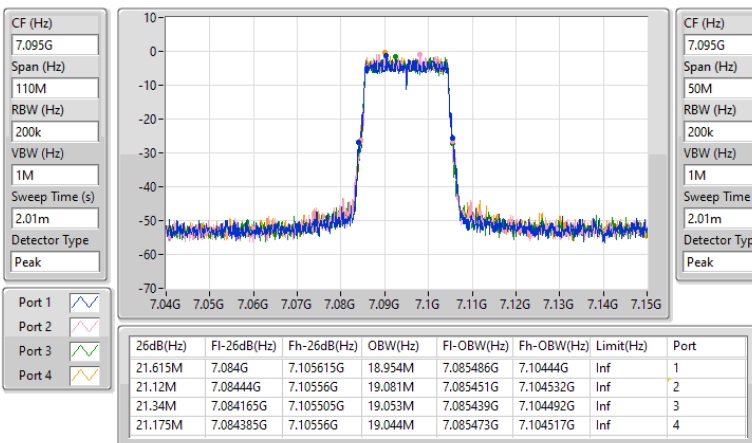


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6995MHz

21/08/2024


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
7095MHz

21/08/2024

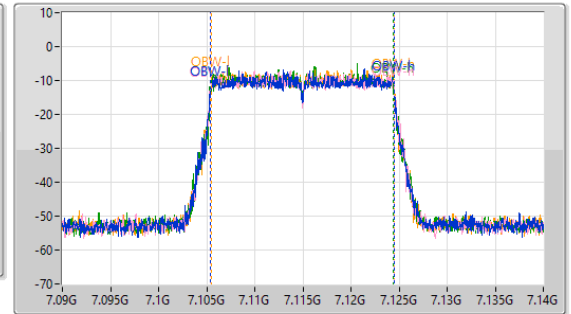
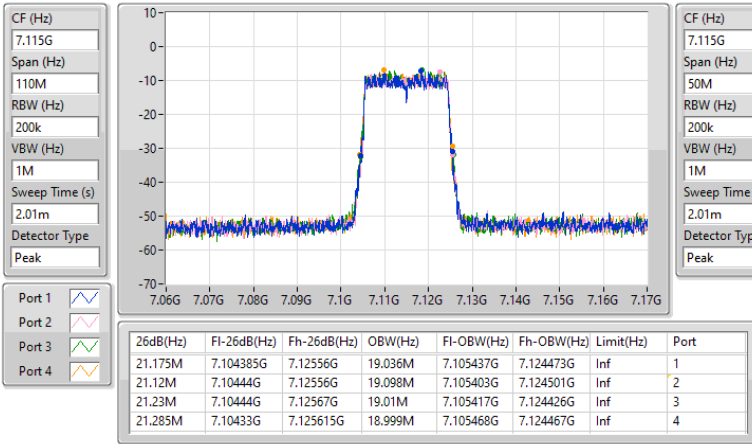


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

7115MHz

21/08/2024

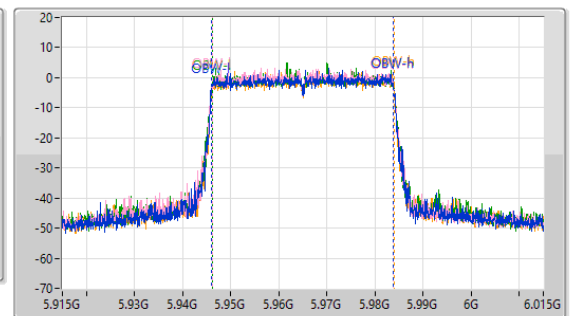
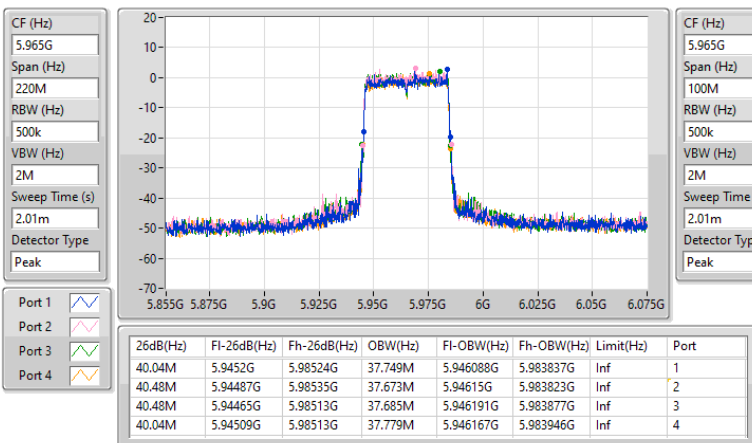


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5965MHz

21/08/2024

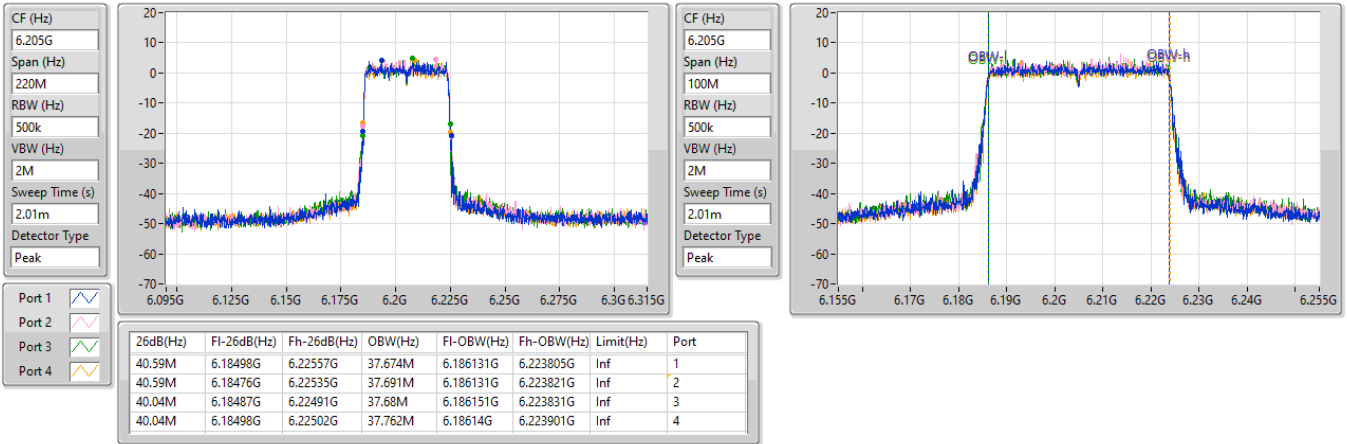


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6205MHz

21/08/2024

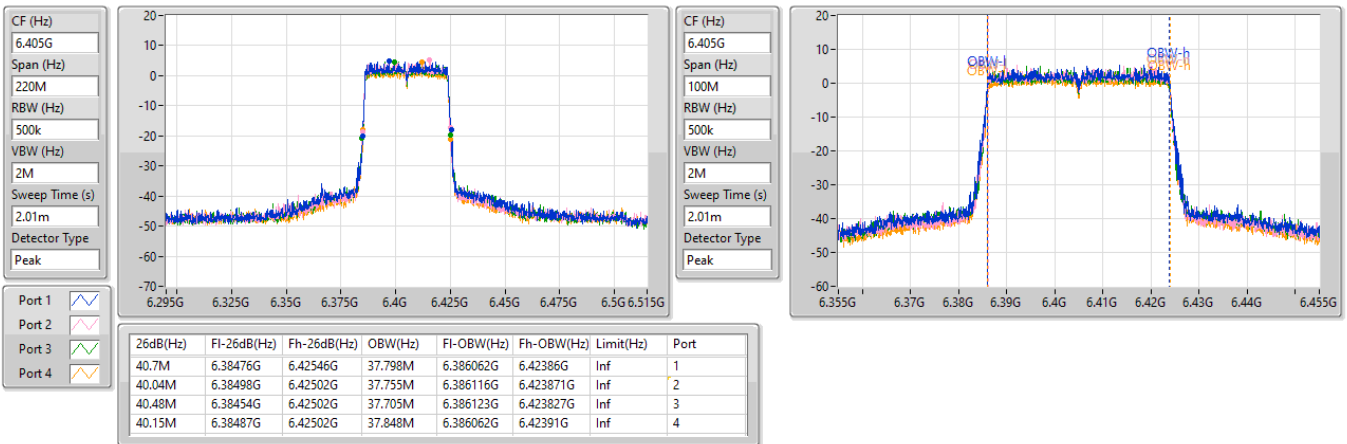


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6405MHz

21/08/2024

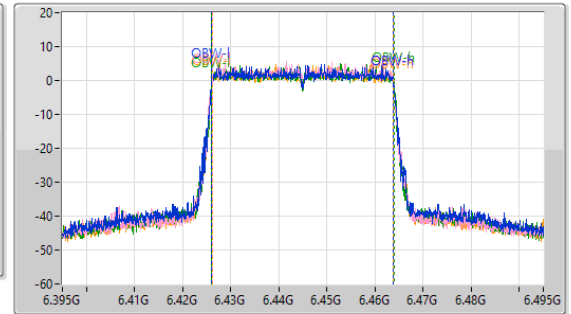
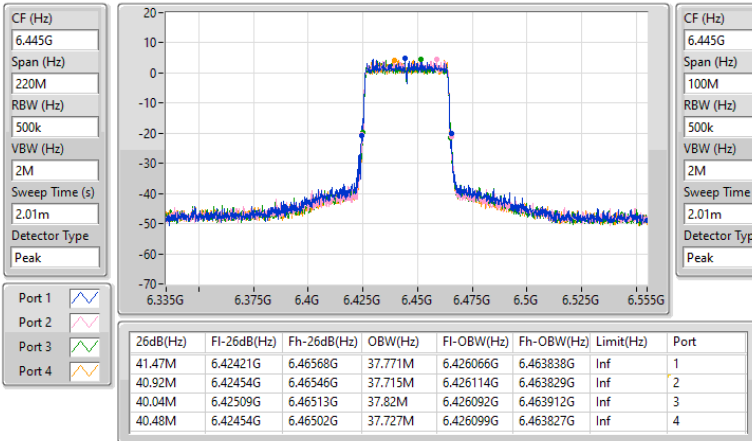


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6445MHz

21/08/2024

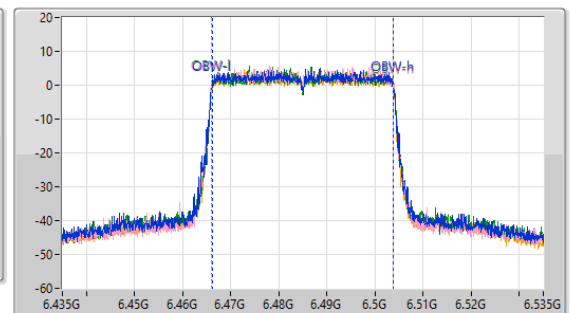
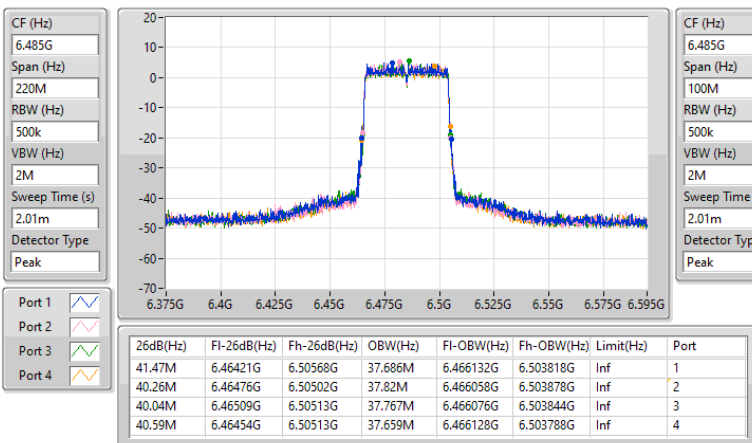


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6485MHz

21/08/2024

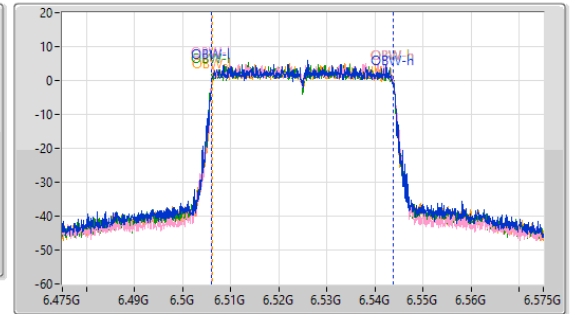
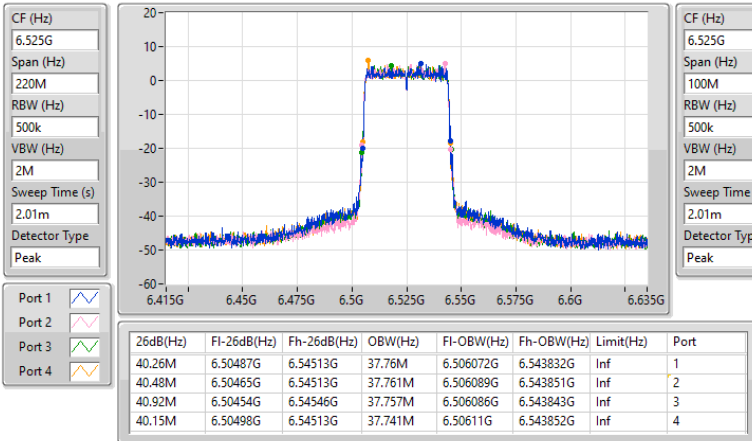


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6525MHz

21/08/2024

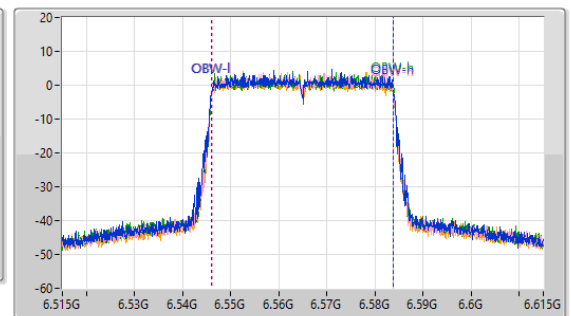
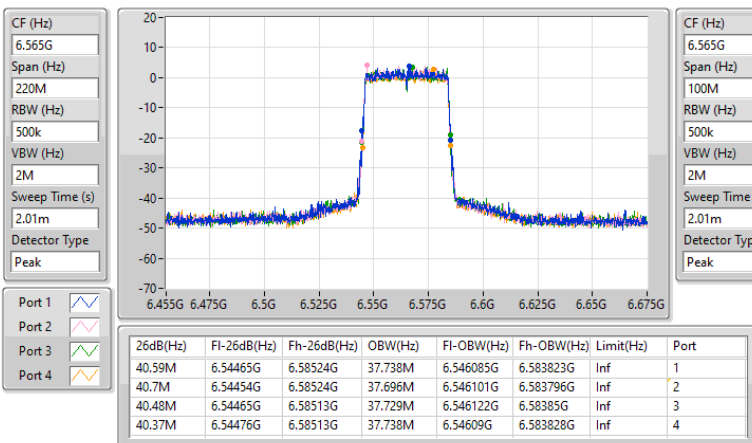


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6565MHz

21/08/2024

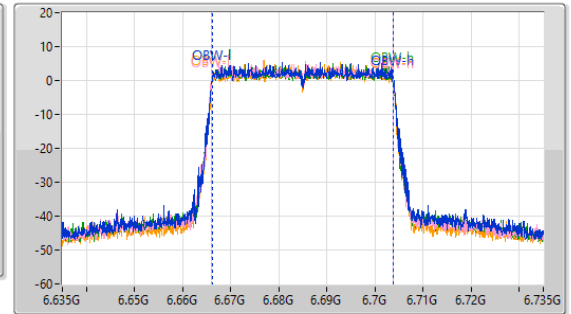
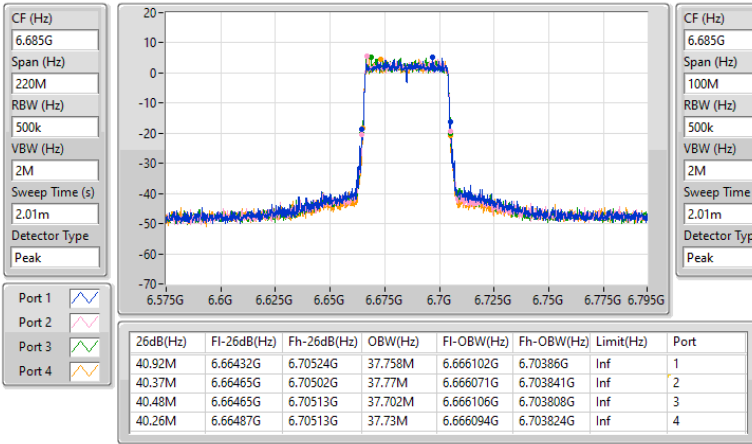


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6685MHz

21/08/2024

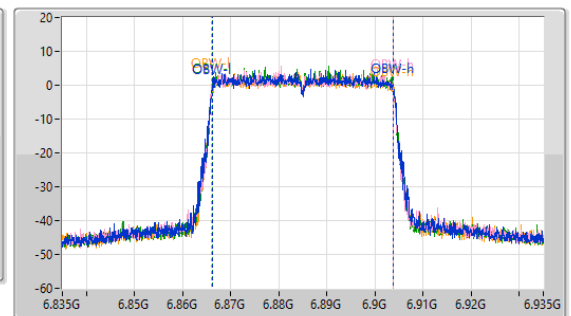
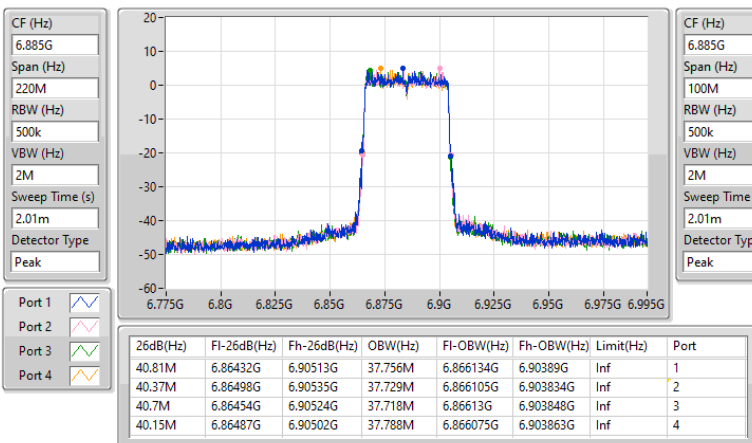


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6685MHz

21/08/2024

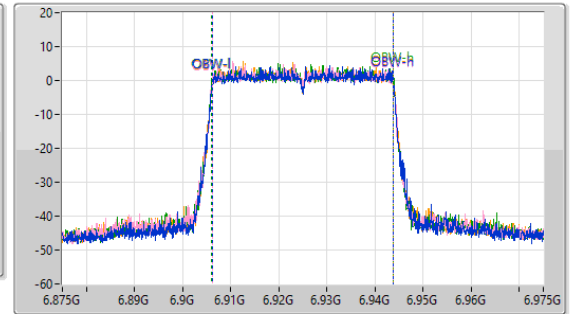


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6925MHz

21/08/2024

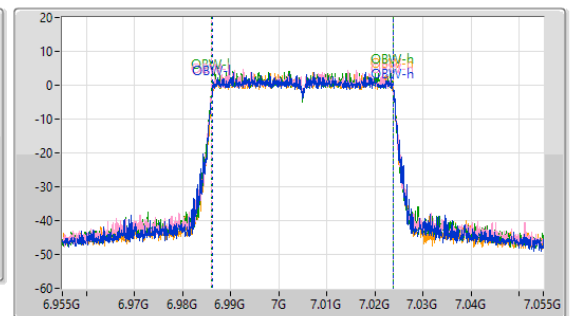
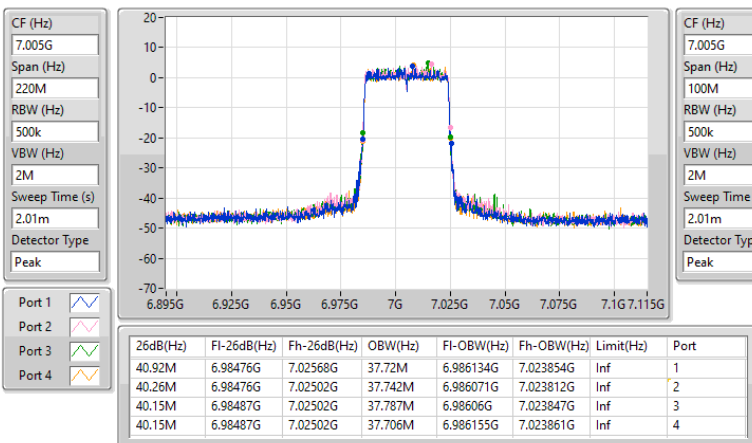


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

7005MHz

21/08/2024

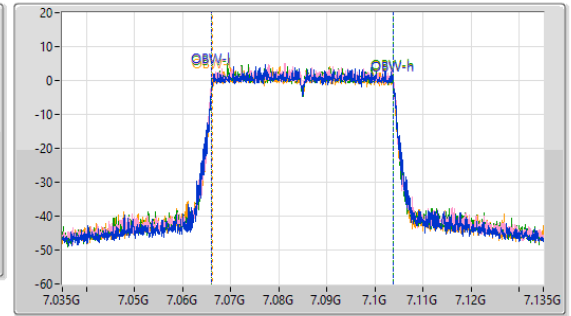
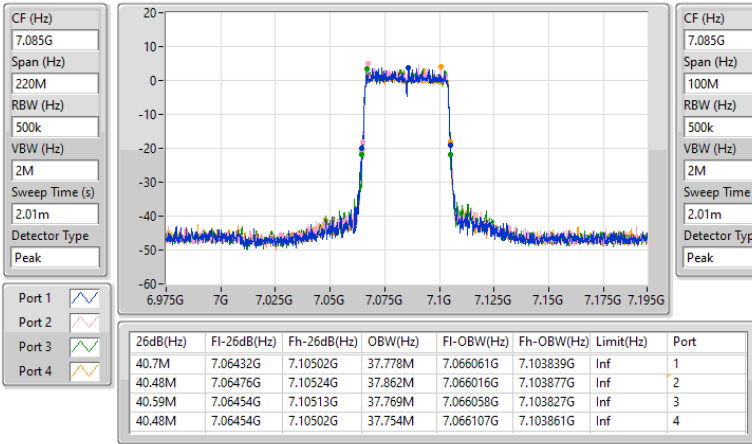


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

7085MHz

21/08/2024

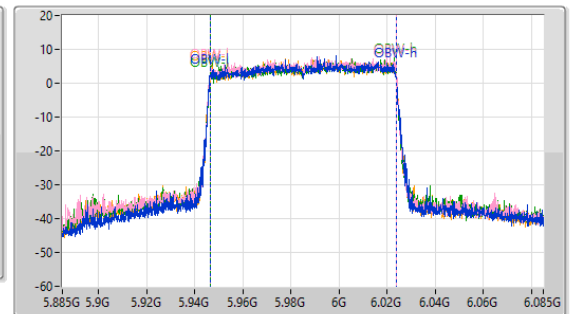
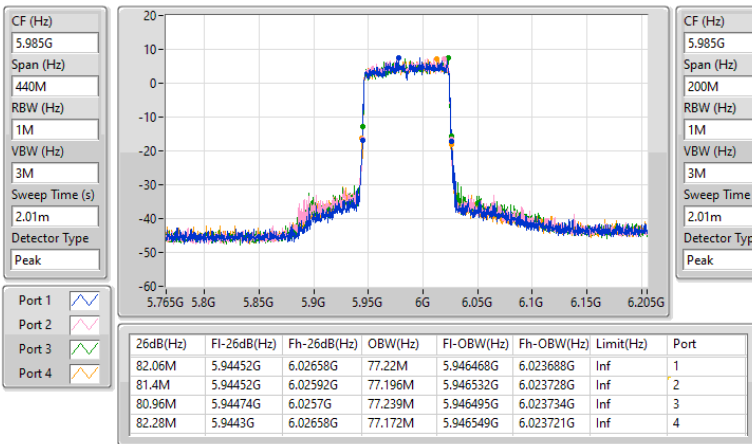


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5985MHz

21/08/2024

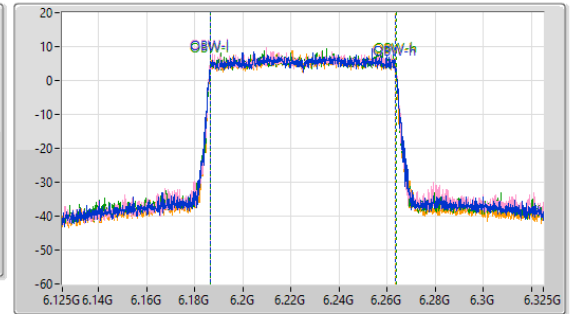
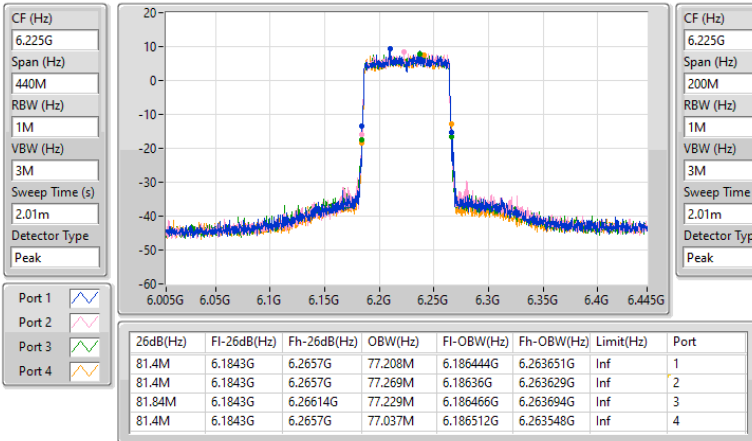


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6225MHz

21/08/2024

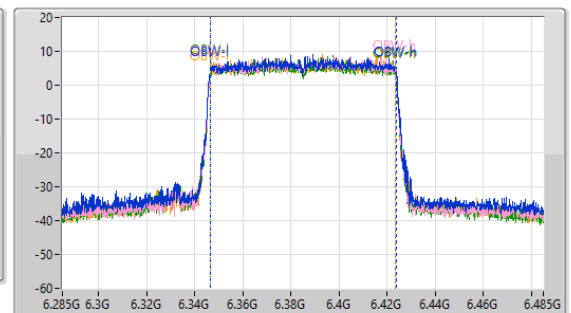
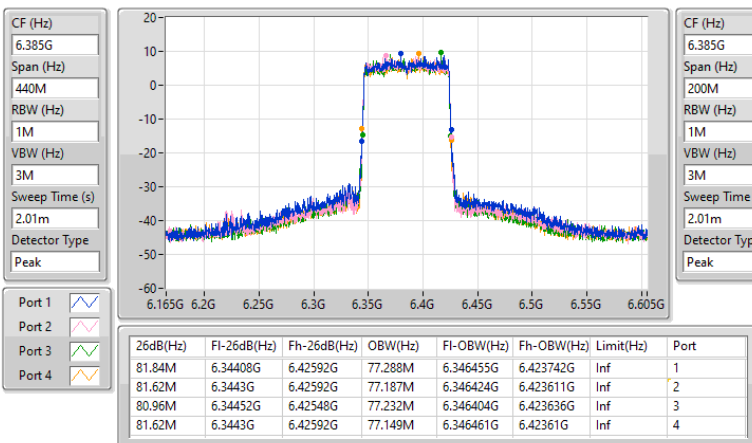


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6385MHz

21/08/2024

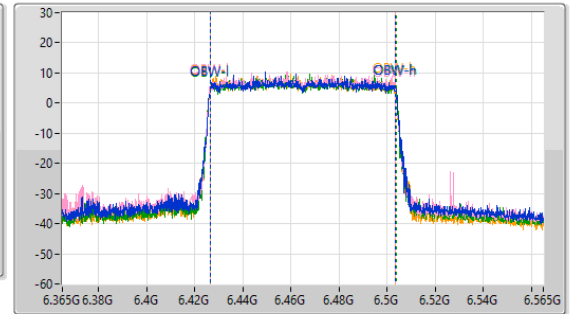
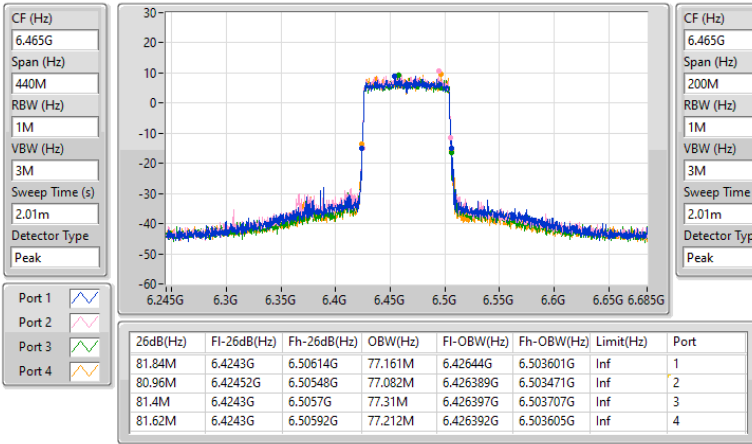


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6465MHz

21/08/2024

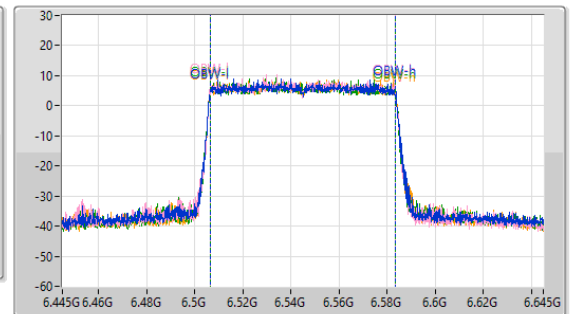
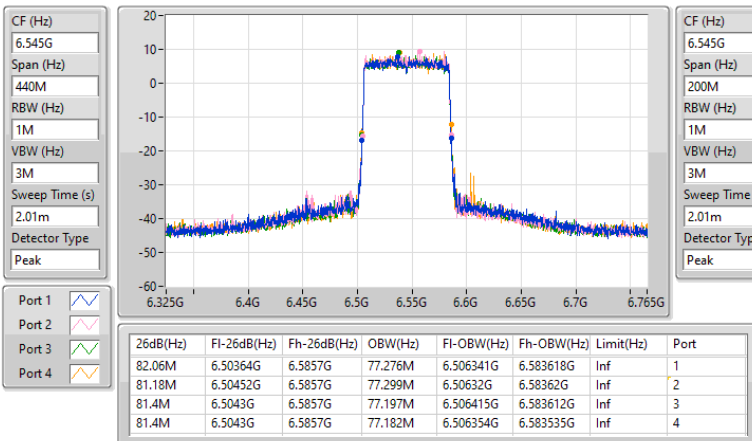


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6545MHz

21/08/2024

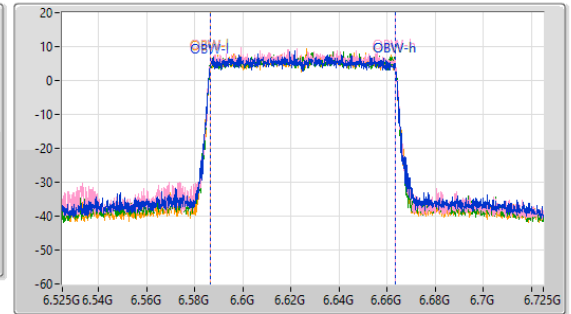
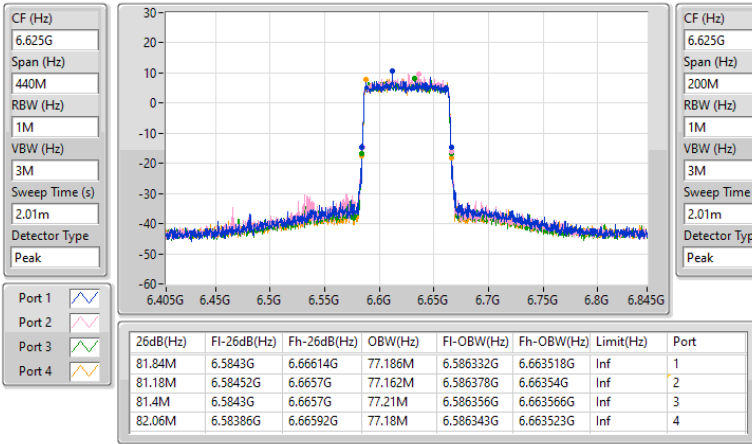


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6625MHz

21/08/2024

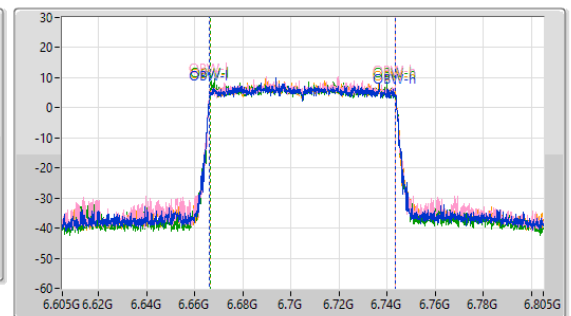
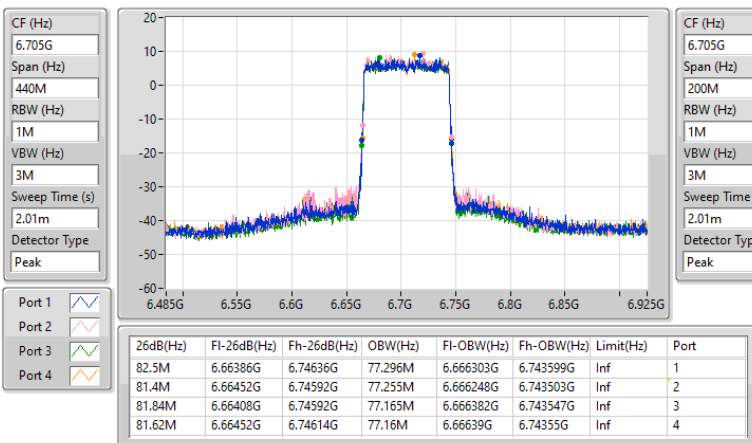


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6705MHz

21/08/2024

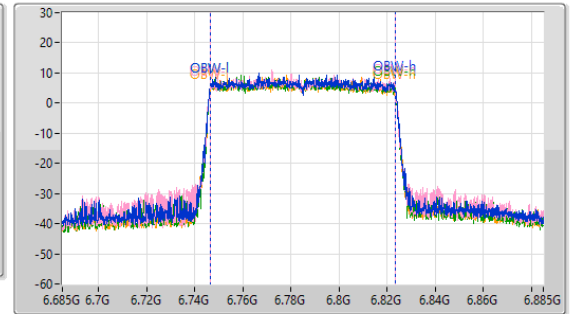
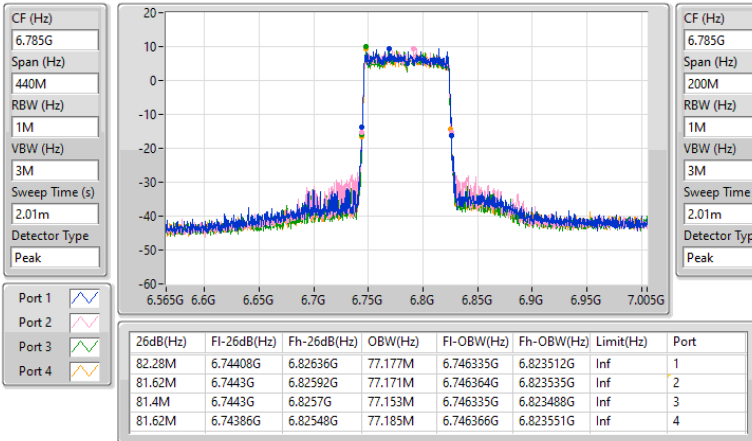


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6785MHz

21/08/2024

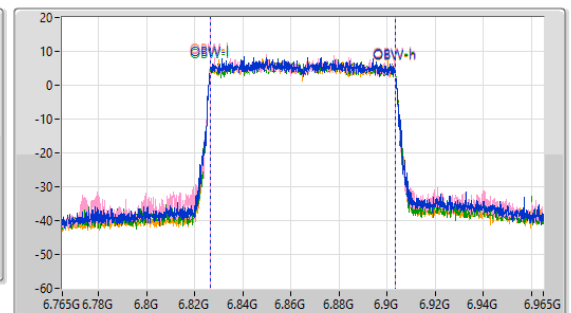
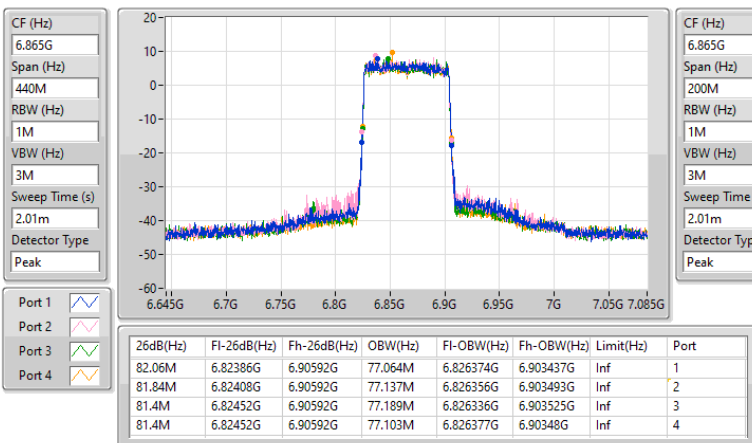


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6865MHz

21/08/2024

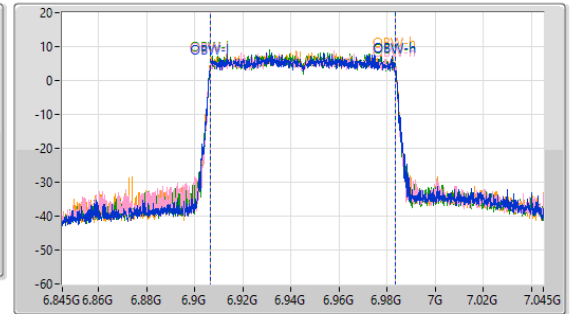
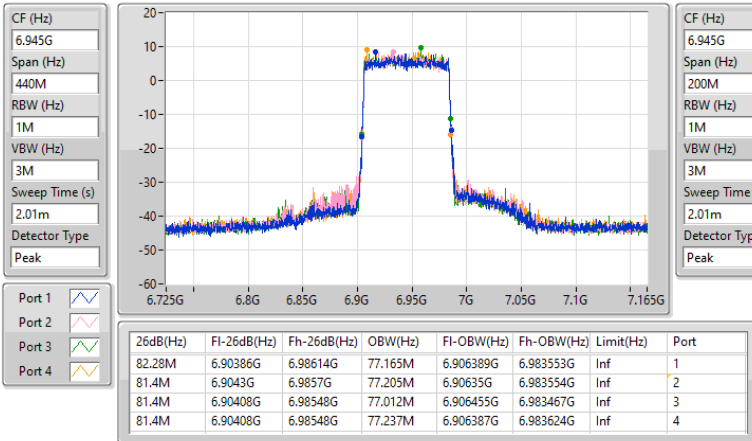


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6945MHz

21/08/2024

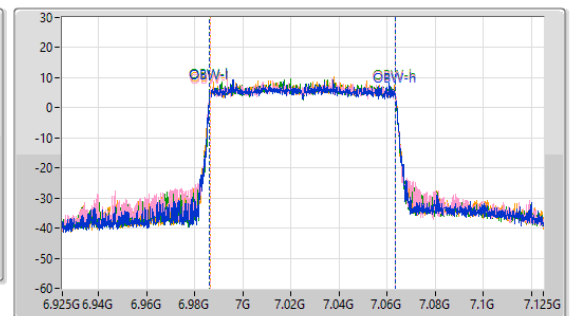
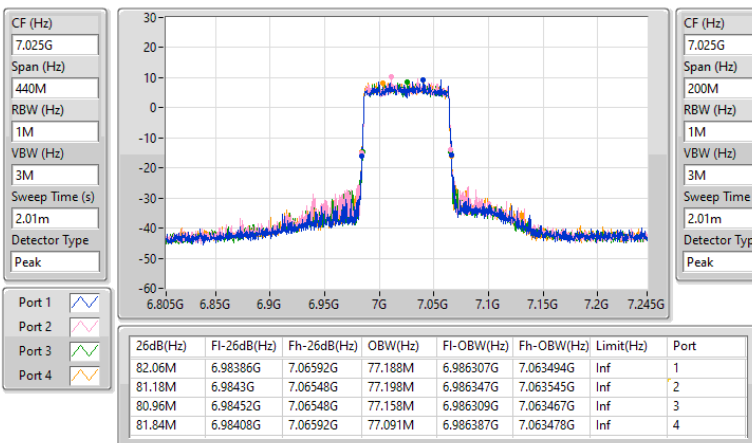


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

7025MHz

21/08/2024

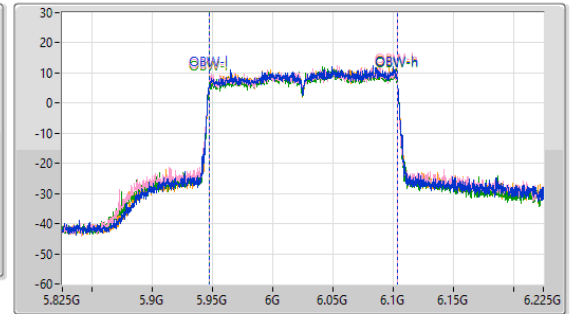
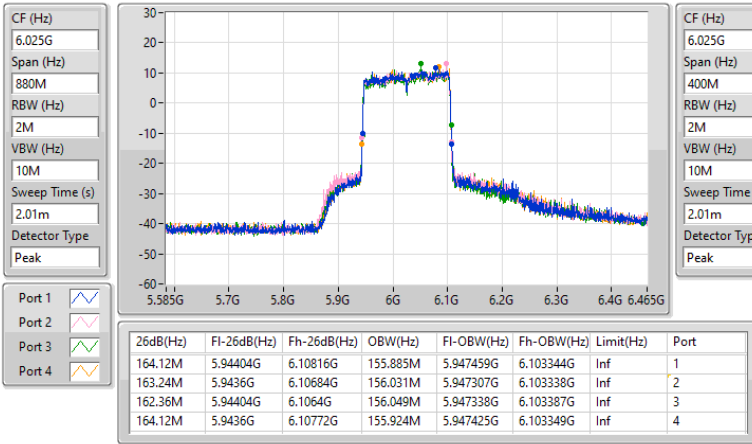


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6025MHz

21/08/2024

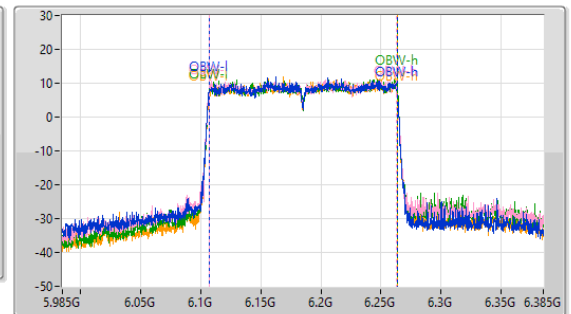
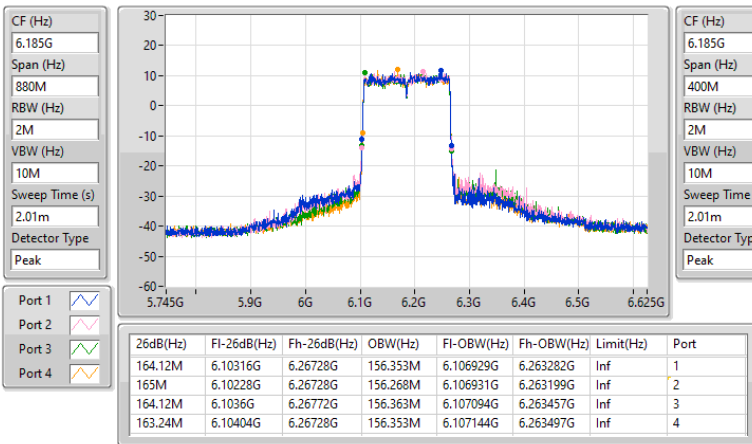


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6185MHz

21/08/2024

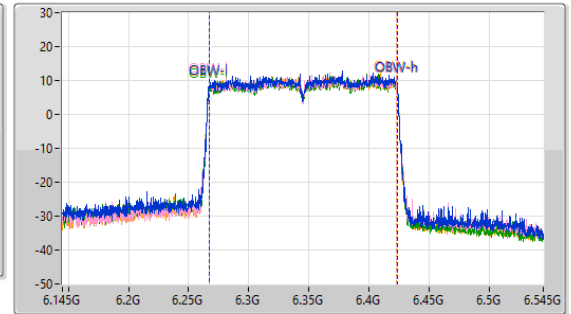
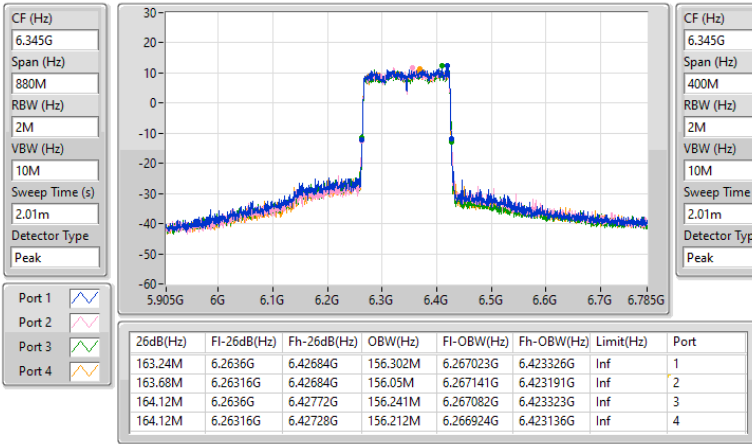


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6345MHz

21/08/2024

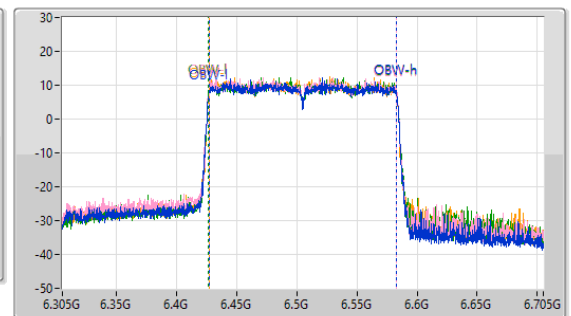
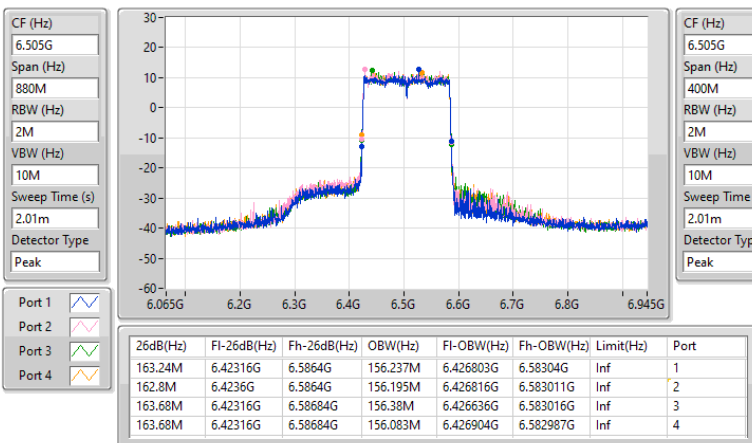


6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6505MHz

21/08/2024

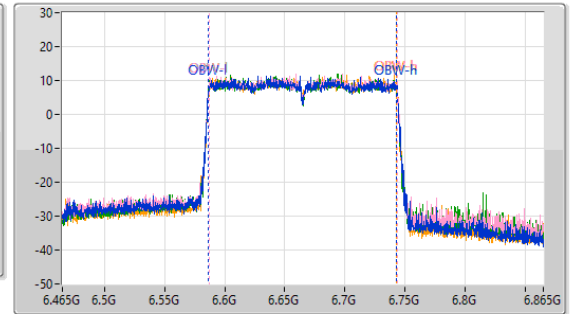
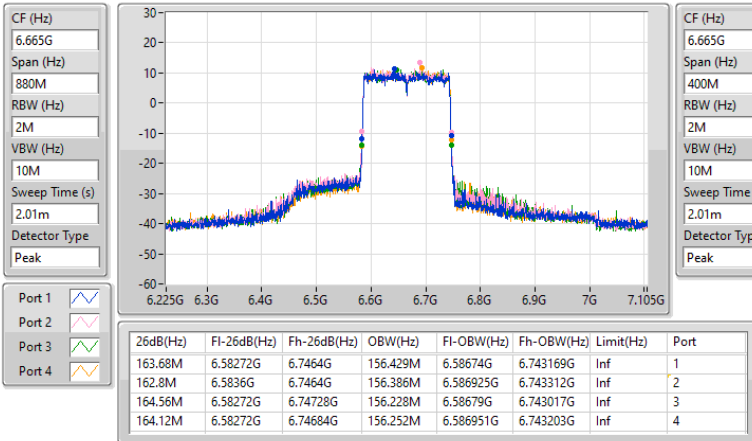


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6665MHz

21/08/2024

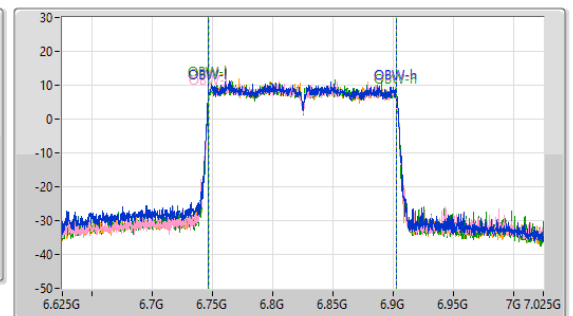
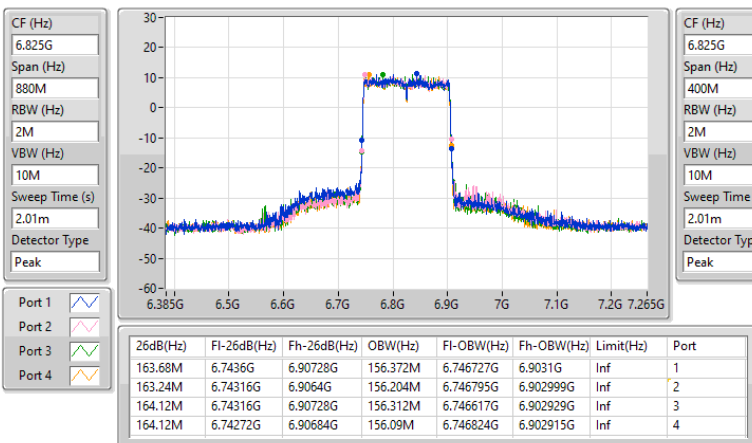


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6825MHz

21/08/2024

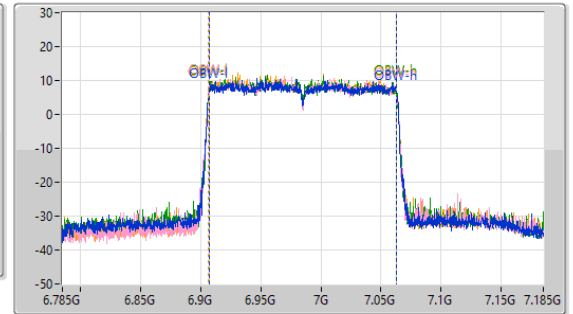
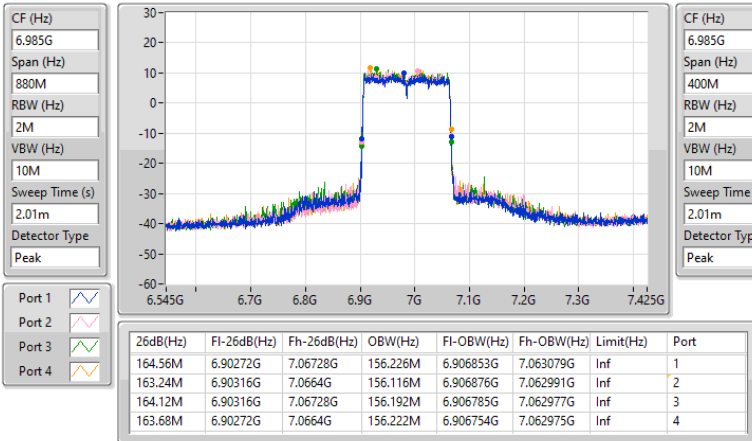


6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6985MHz

21/08/2024

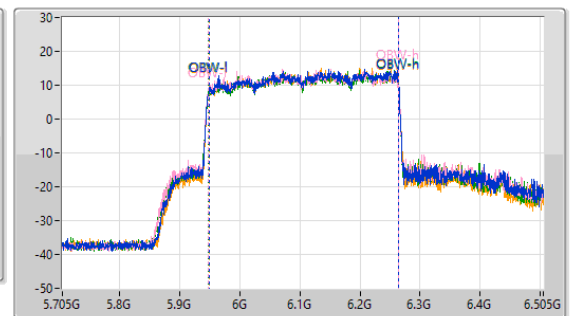
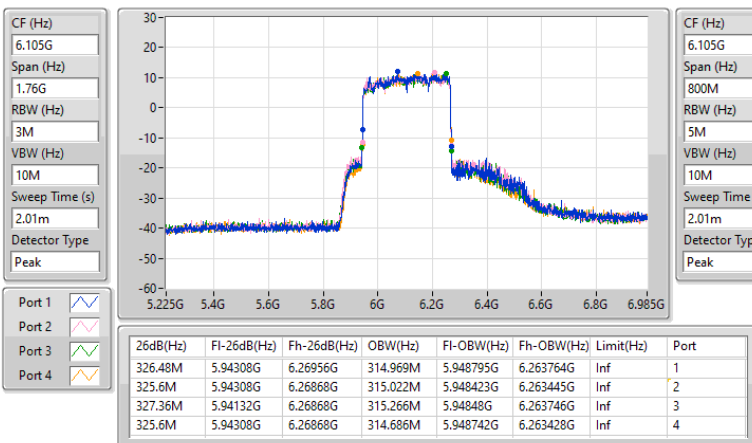


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_4TX

EBW

6105MHz

21/08/2024

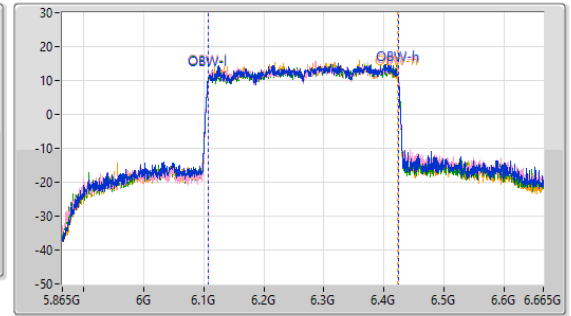
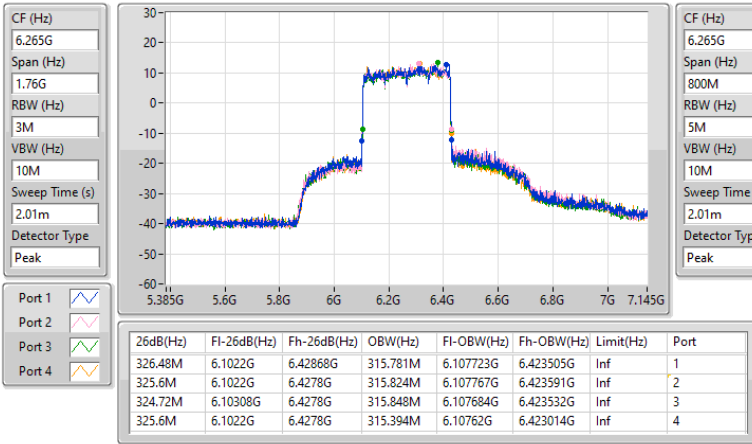


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_4TX

EBW

6265MHz

21/08/2024

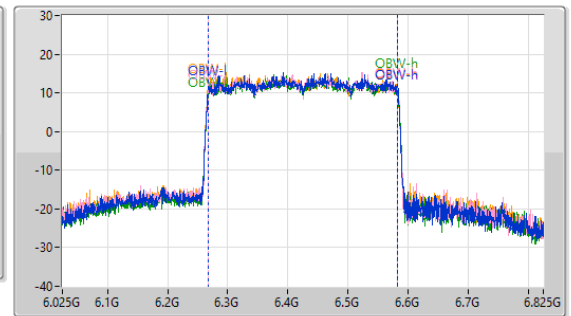
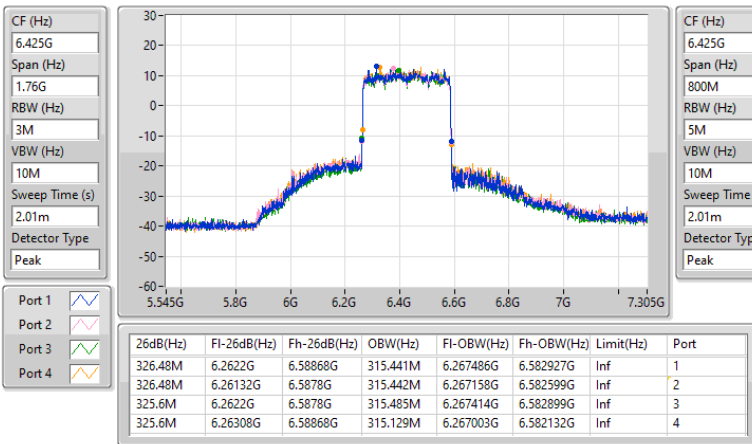


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_4TX

EBW

6425MHz

21/08/2024

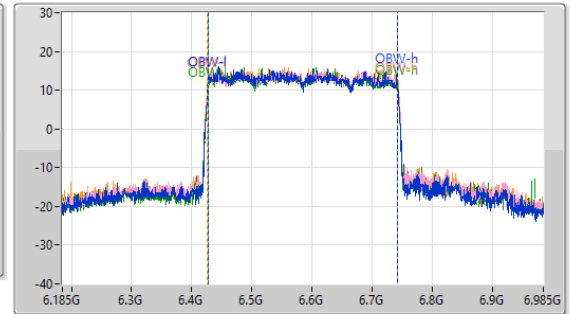
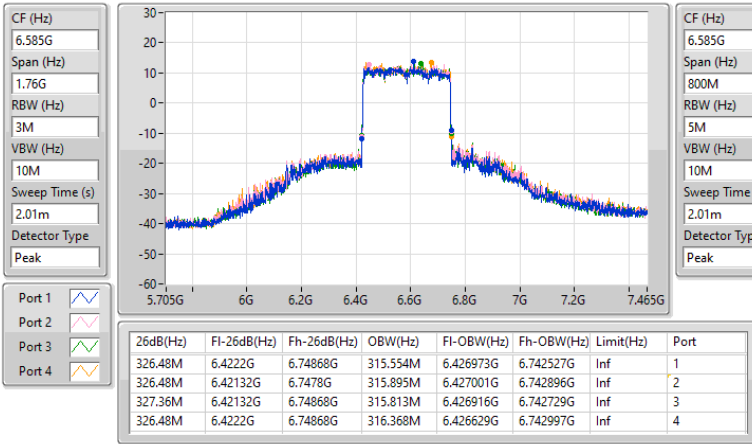


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_4TX

EBW

6585MHz

21/08/2024

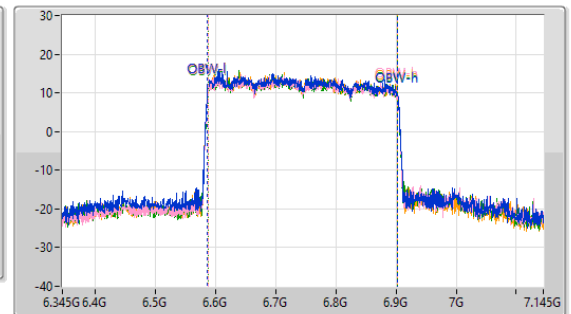
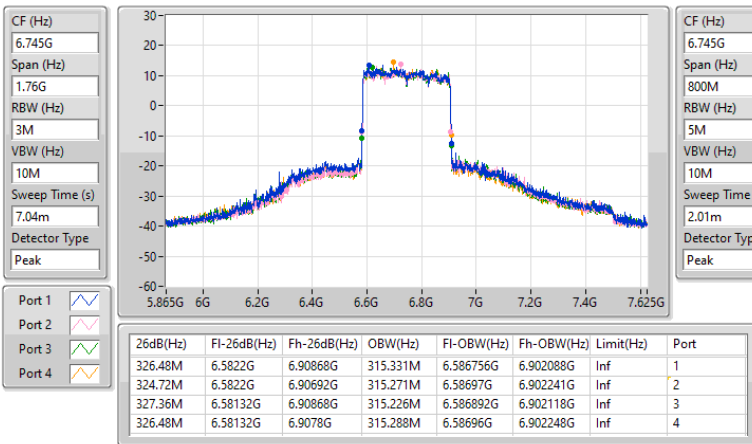


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_4TX

EBW

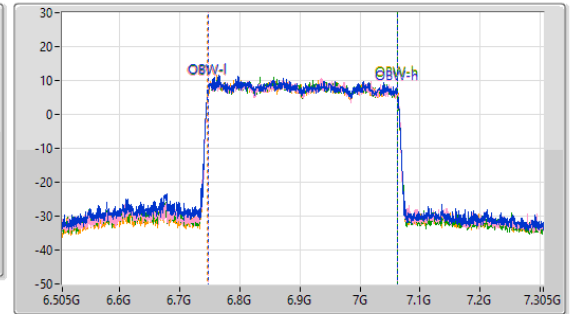
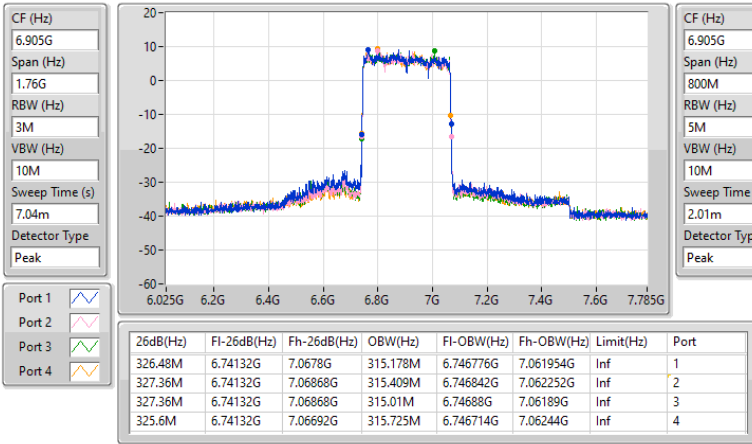
6745MHz

21/08/2024

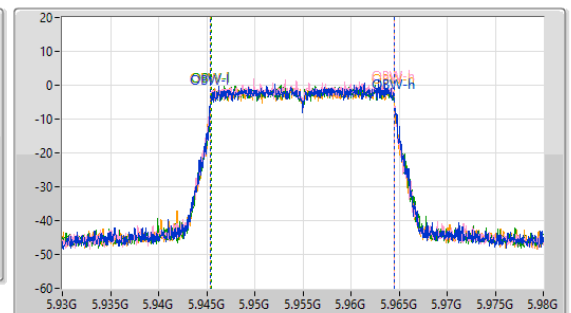
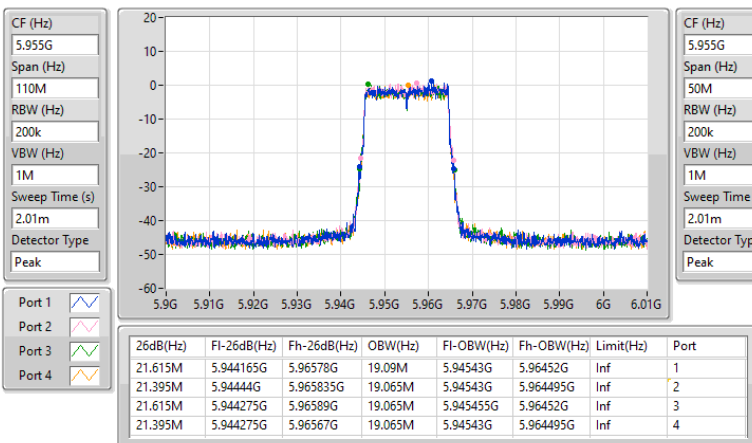


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_4TX
EBW
6905MHz

21/08/2024

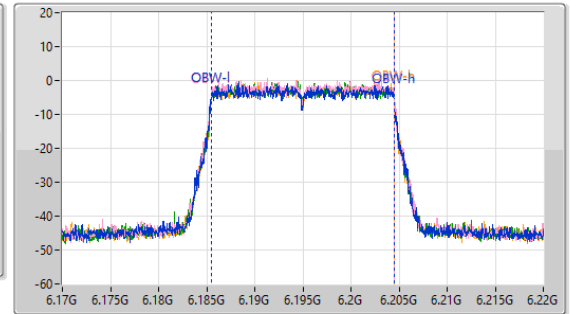
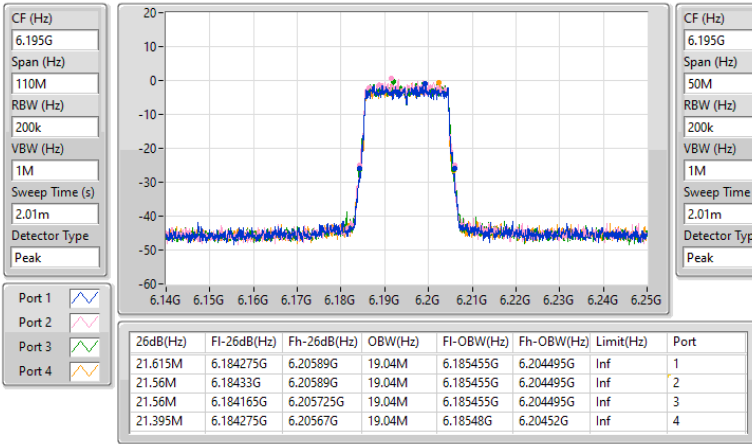

5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX
EBW
5955MHz

21/08/2024

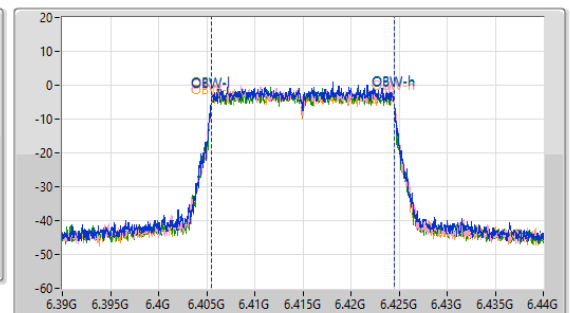
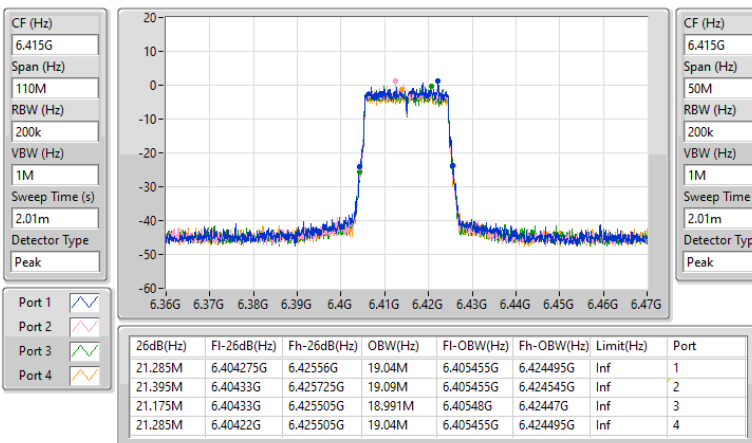


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX
EBW
6195MHz

21/08/2024


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX
EBW
6415MHz

21/08/2024

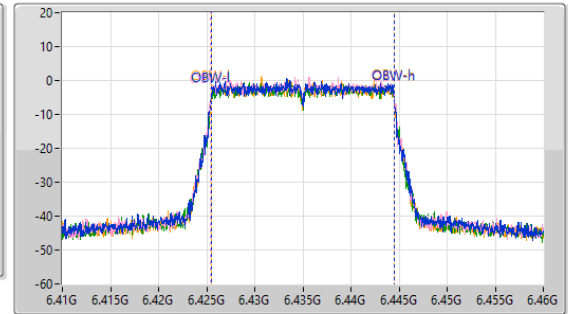
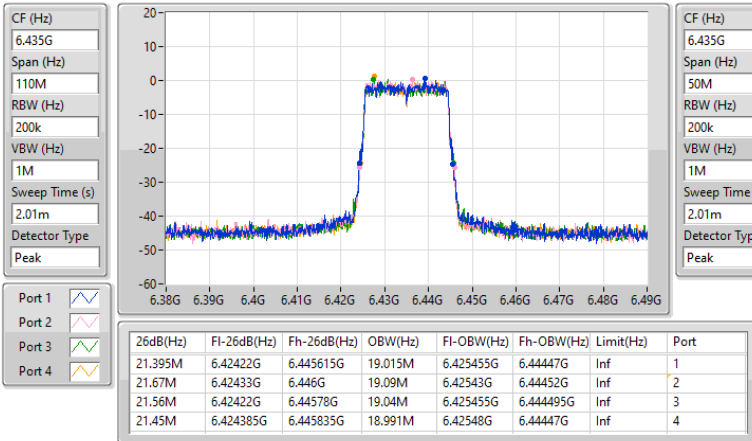


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6435MHz

21/08/2024

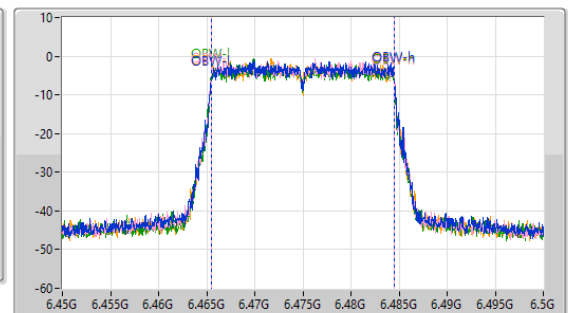
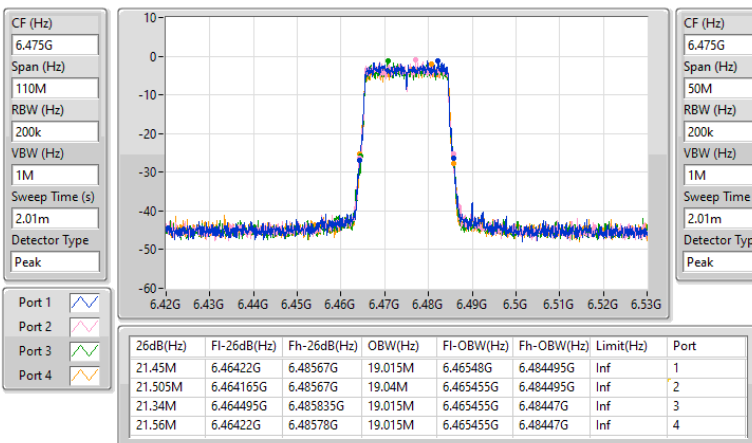


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6475MHz

21/08/2024

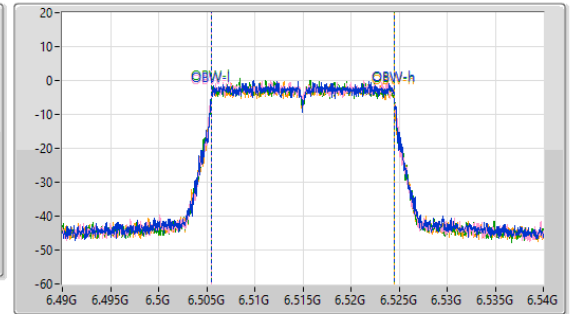
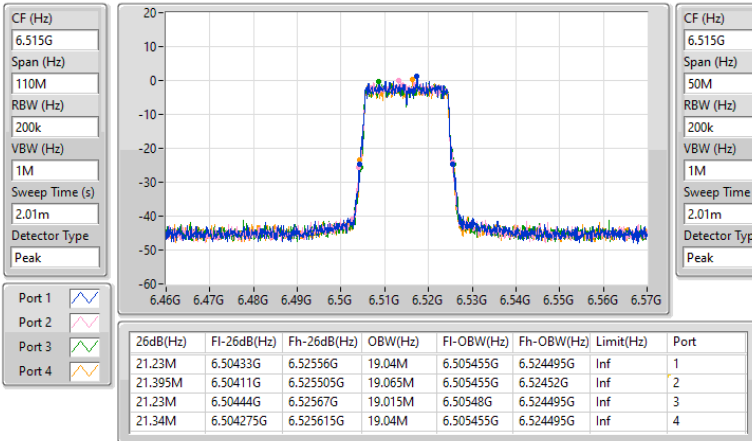


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6515MHz

21/08/2024

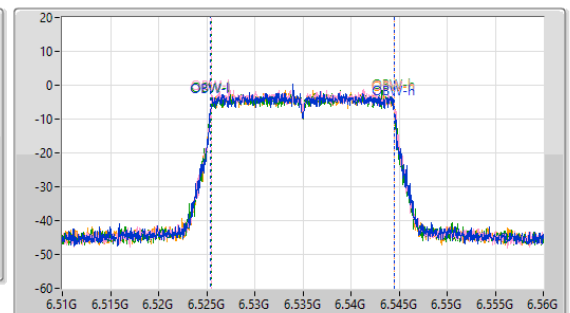
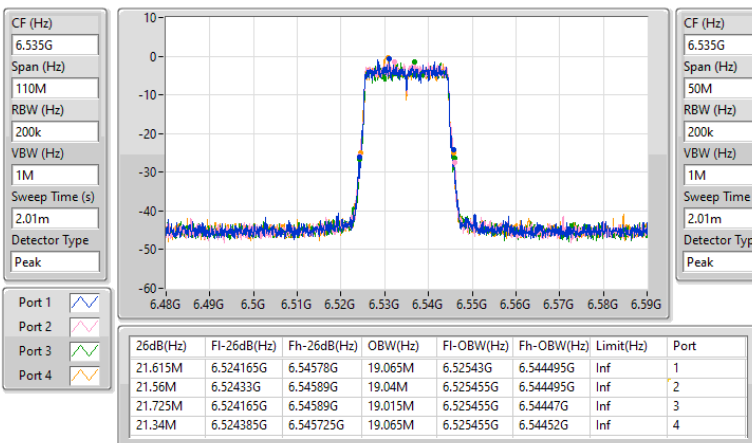


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

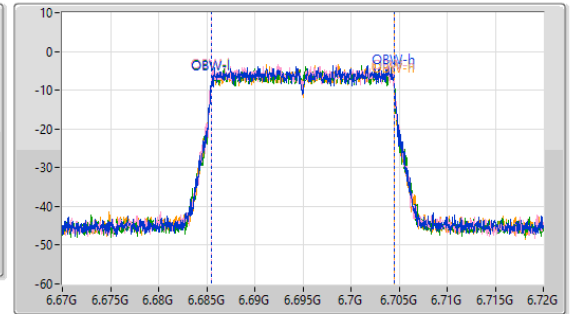
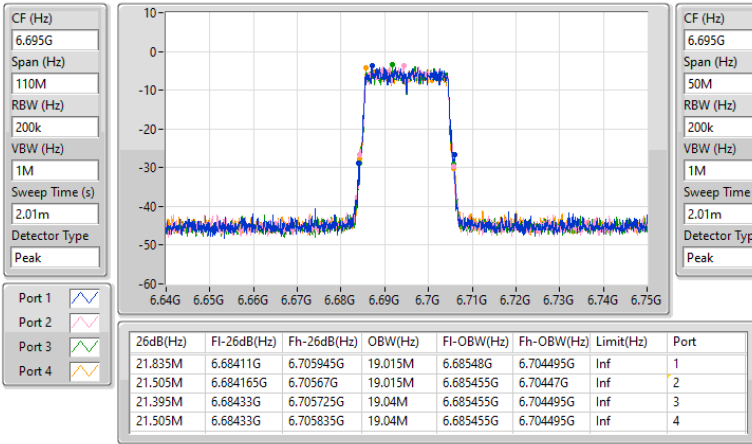
6535MHz

21/08/2024

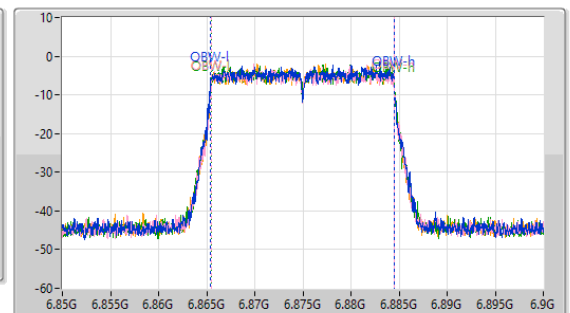
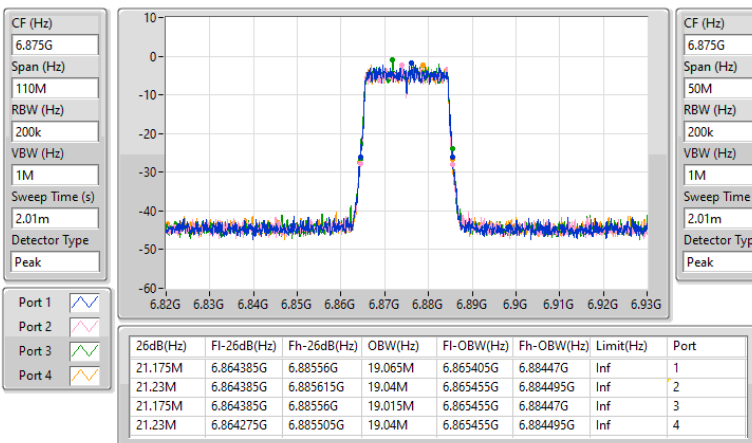


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX
EBW
6695MHz

21/08/2024


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX
EBW
6875MHz

21/08/2024

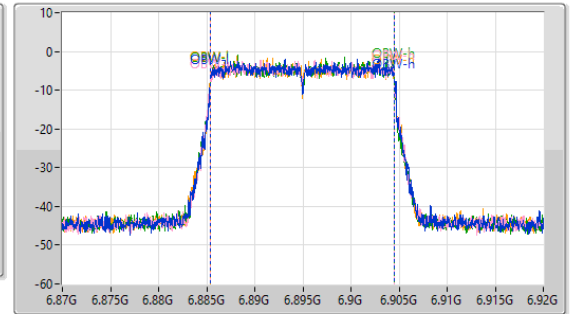
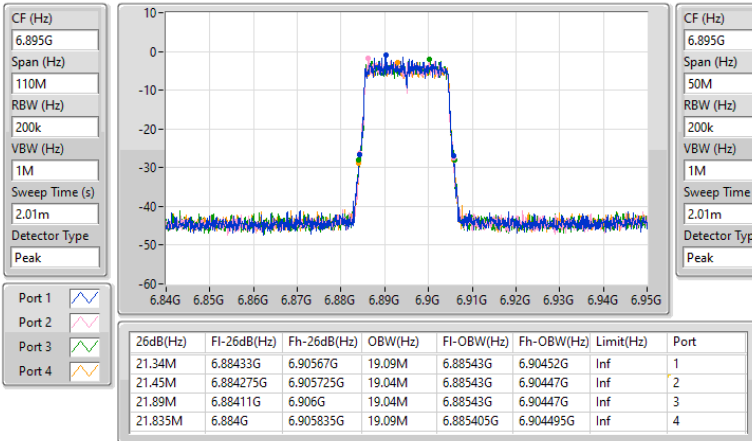


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6895MHz

21/08/2024

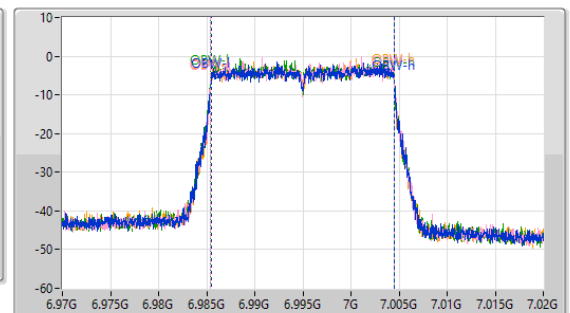
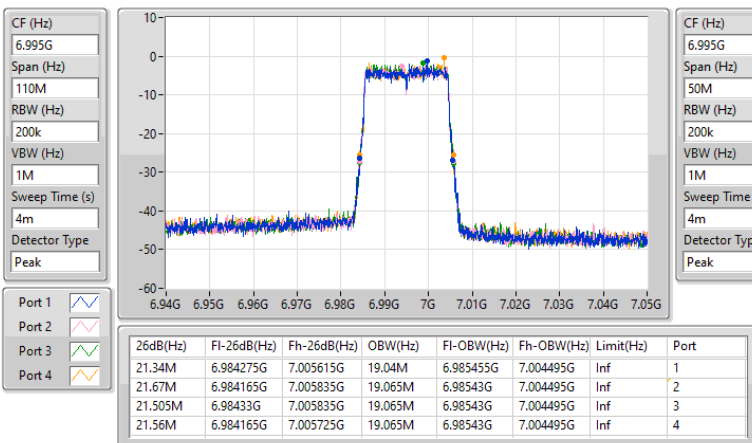


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6995MHz

21/08/2024

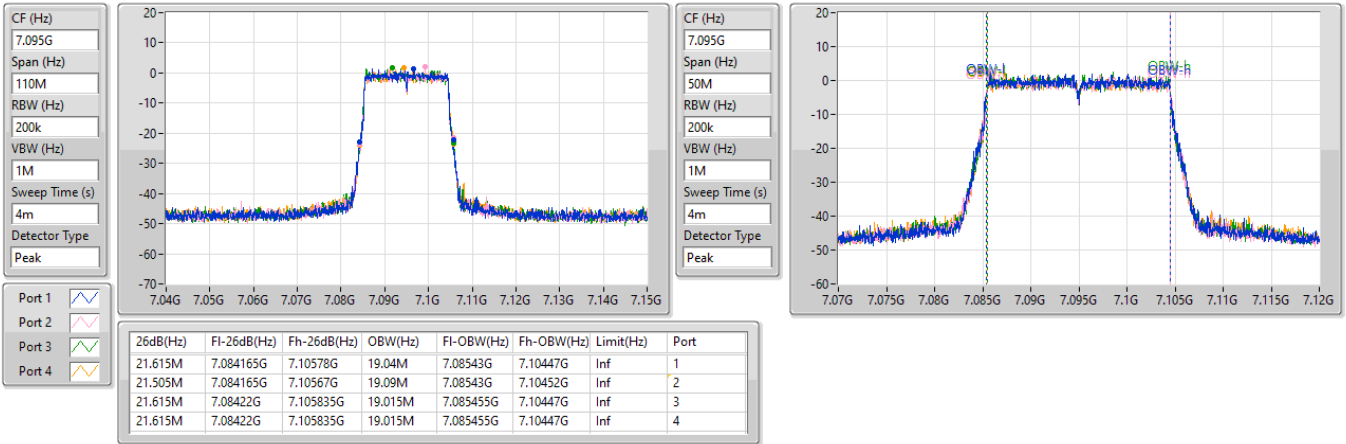


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

7095MHz

21/08/2024

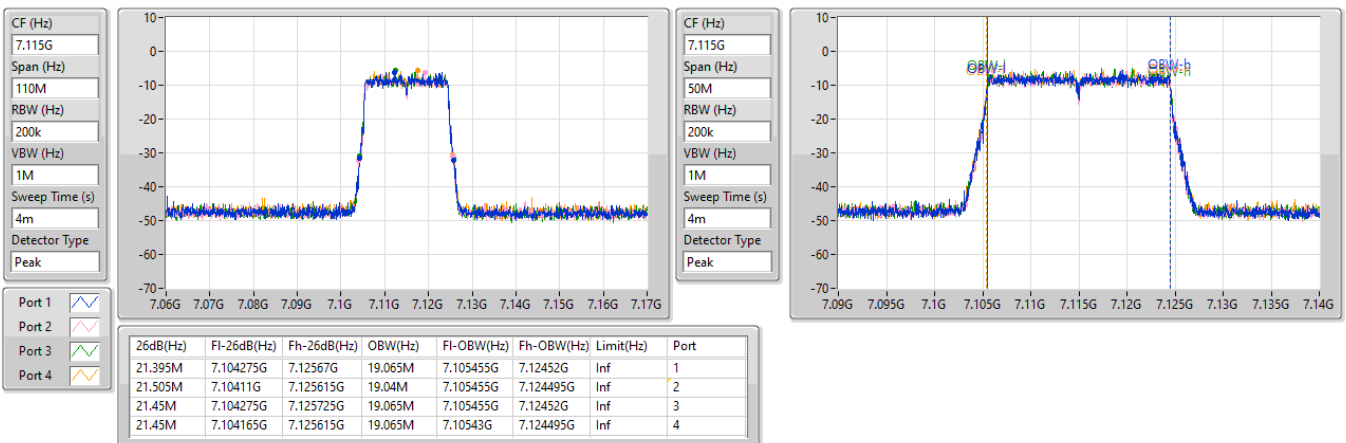


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

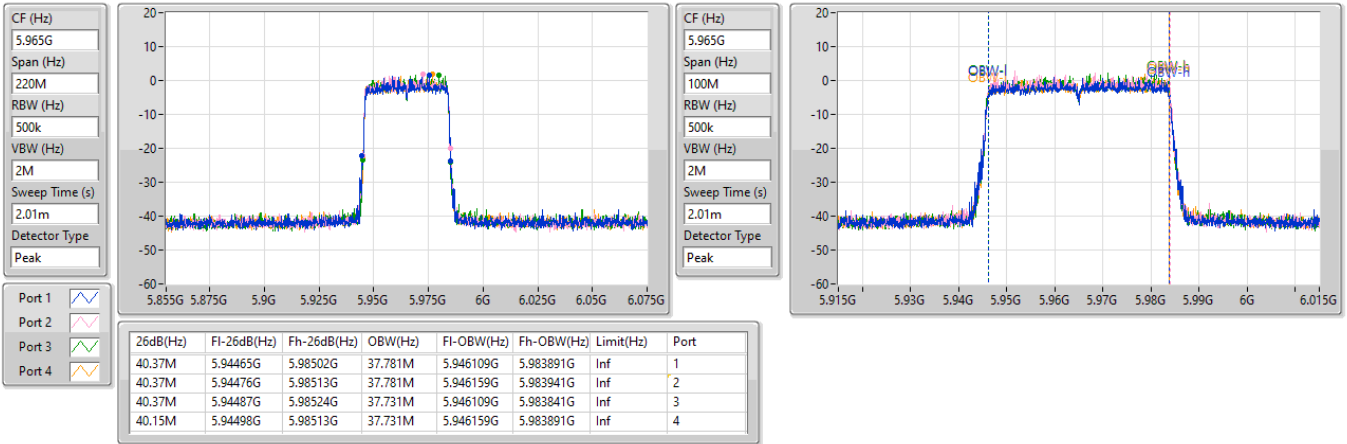
7115MHz

21/08/2024

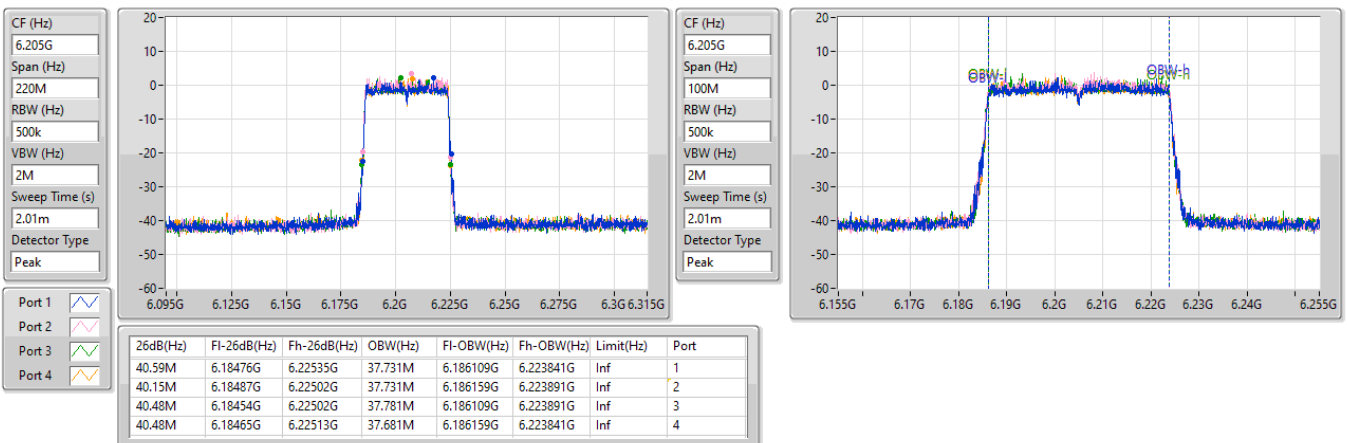


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
5965MHz

21/08/2024


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

21/08/2024

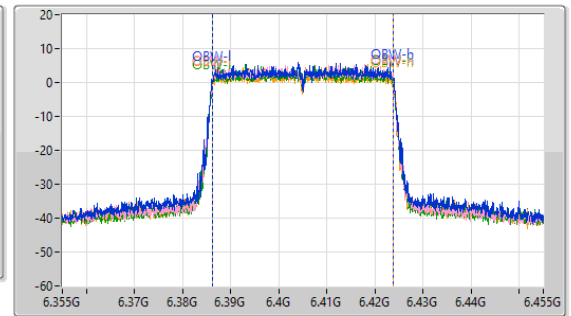
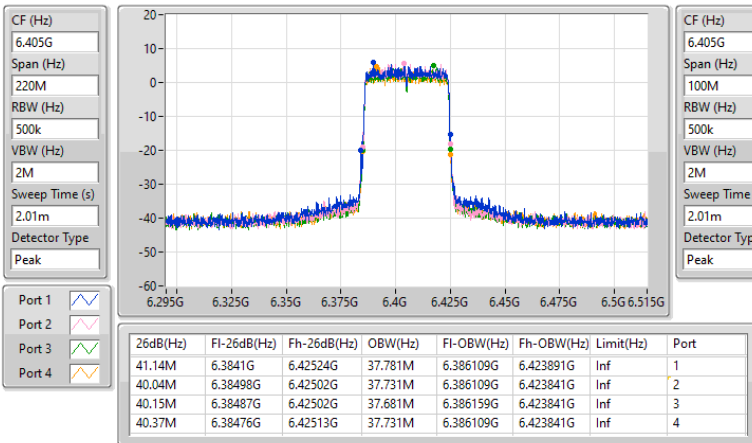


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6405MHz

21/08/2024

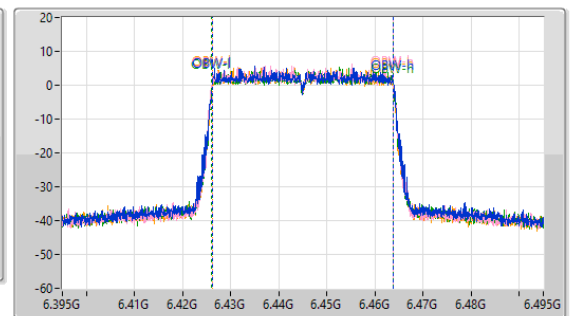
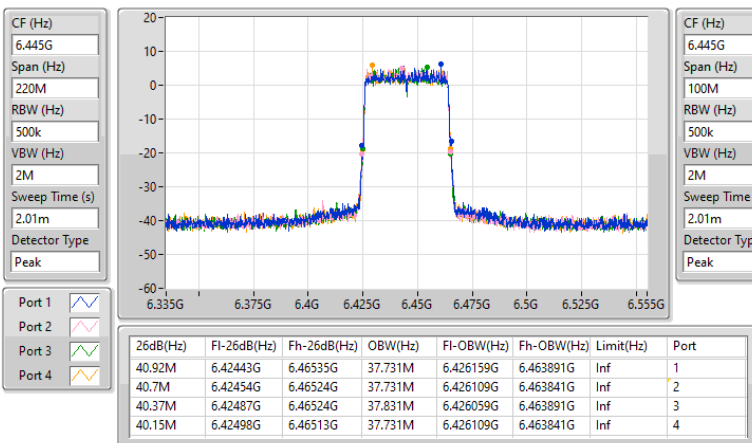


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

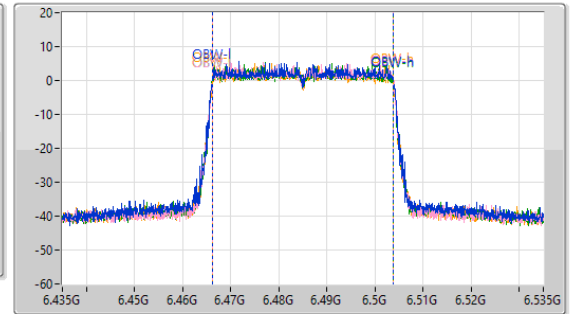
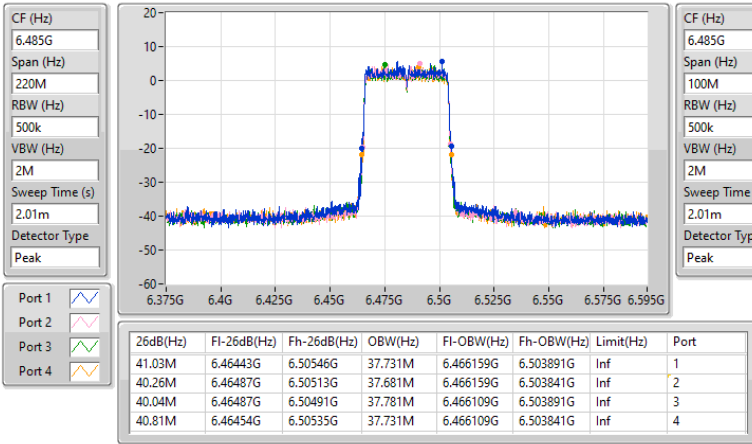
6445MHz

21/08/2024

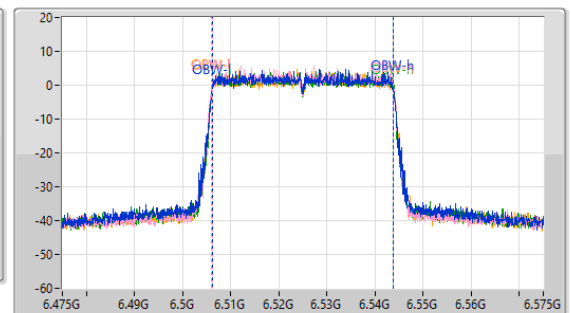
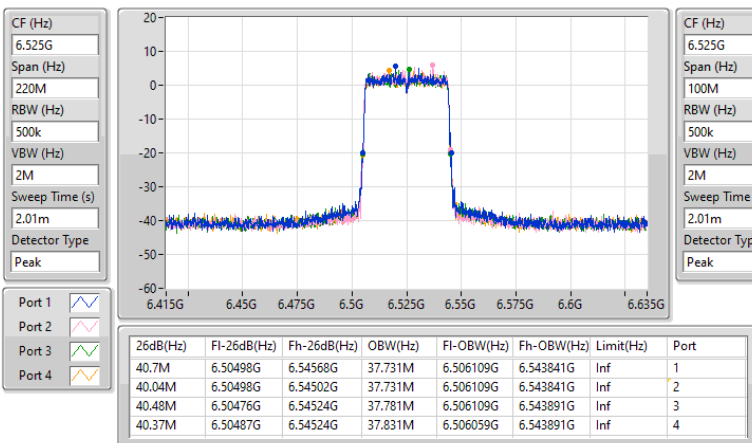


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
6485MHz

21/08/2024


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
6525MHz

21/08/2024

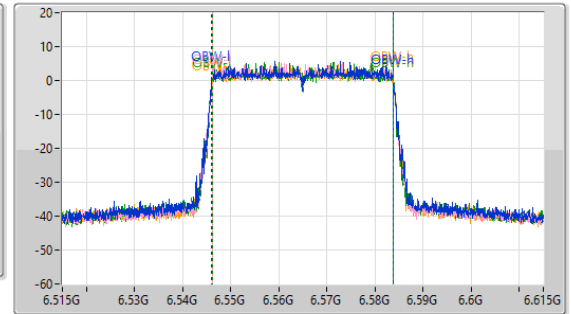
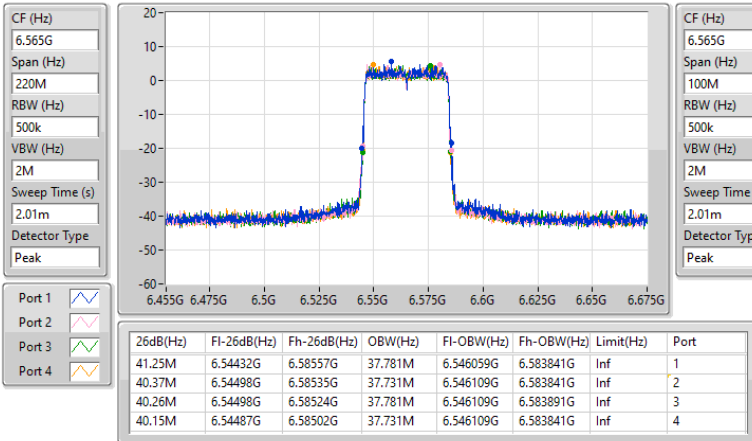


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6565MHz

21/08/2024

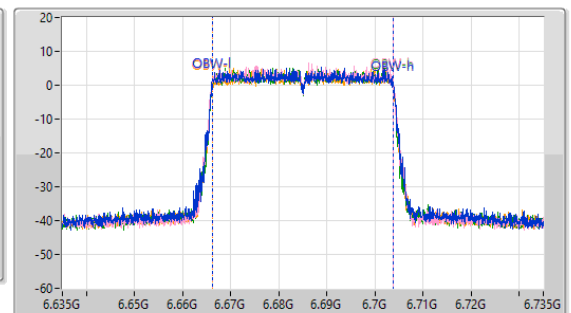
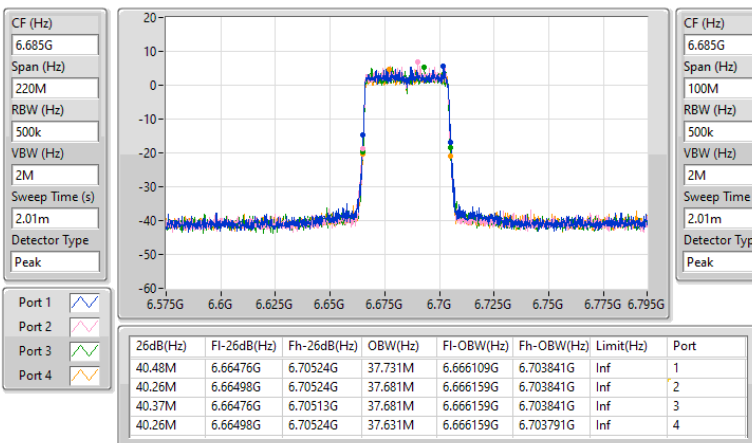


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6685MHz

21/08/2024

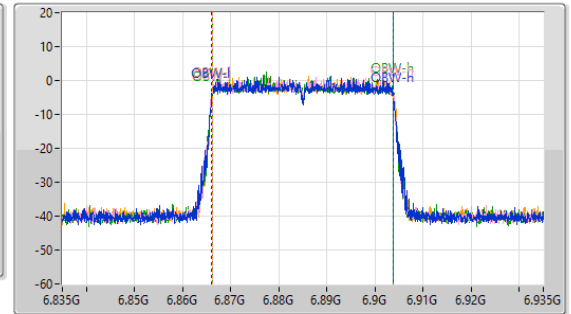
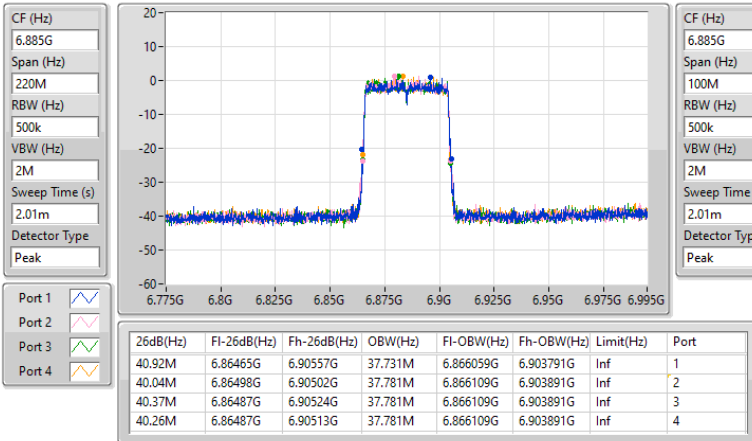


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6885MHz

21/08/2024

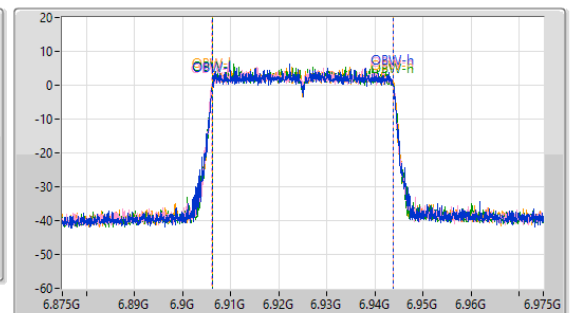
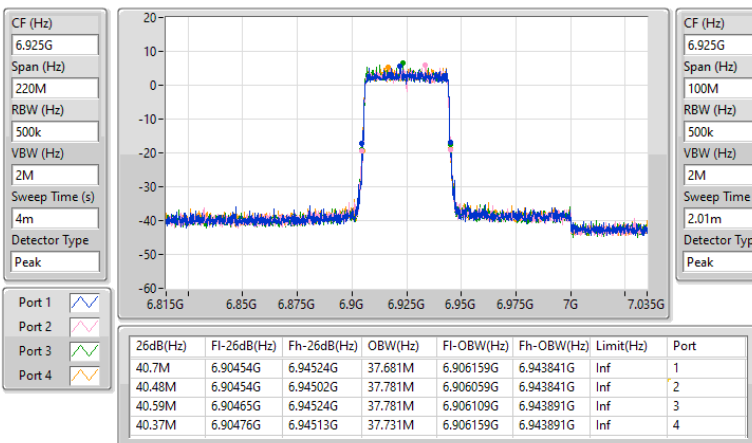


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6925MHz

21/08/2024

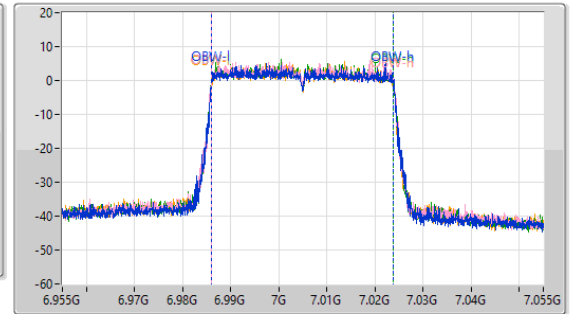
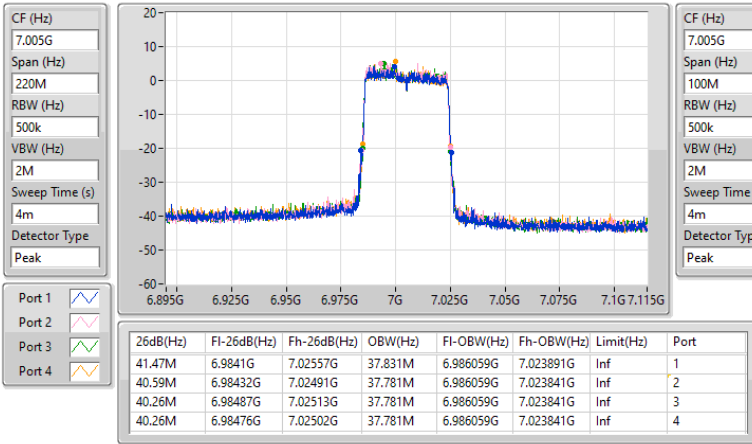


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

7005MHz

21/08/2024

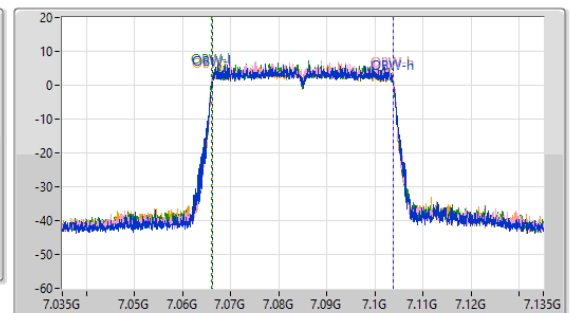
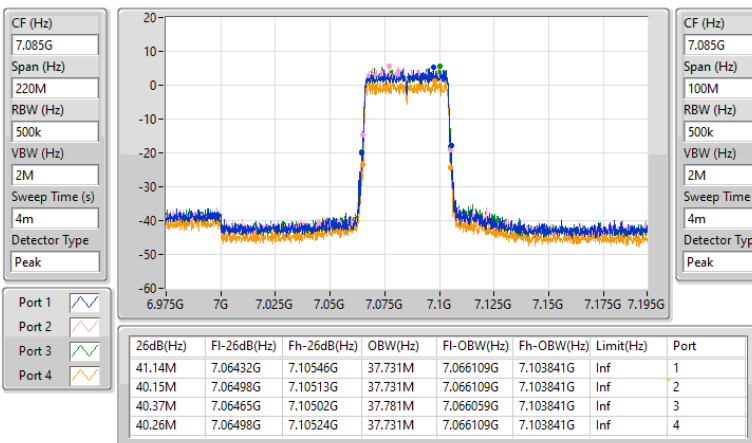


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

7085MHz

21/08/2024

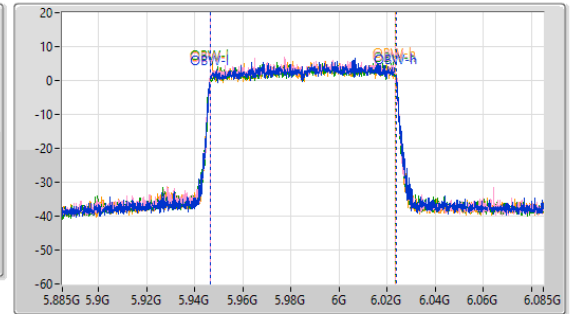
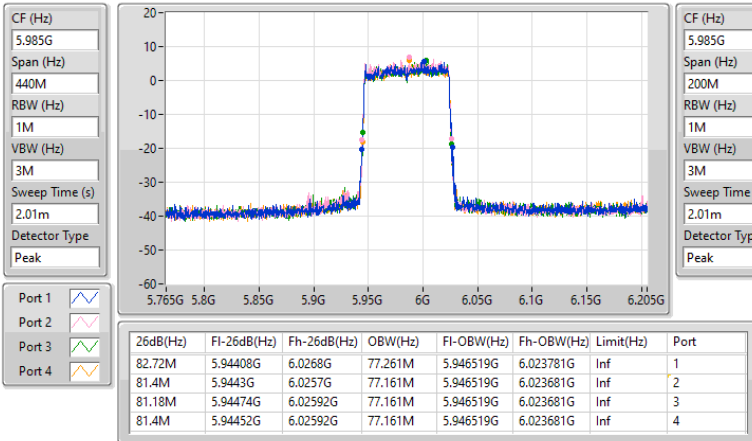


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

5985MHz

21/08/2024

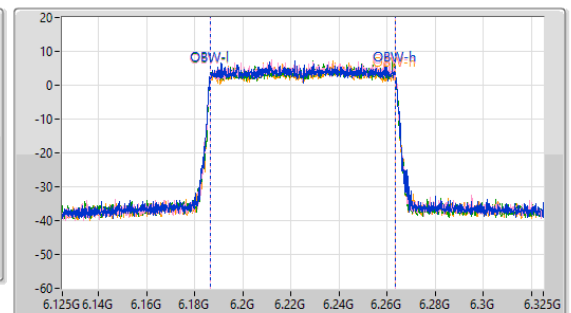
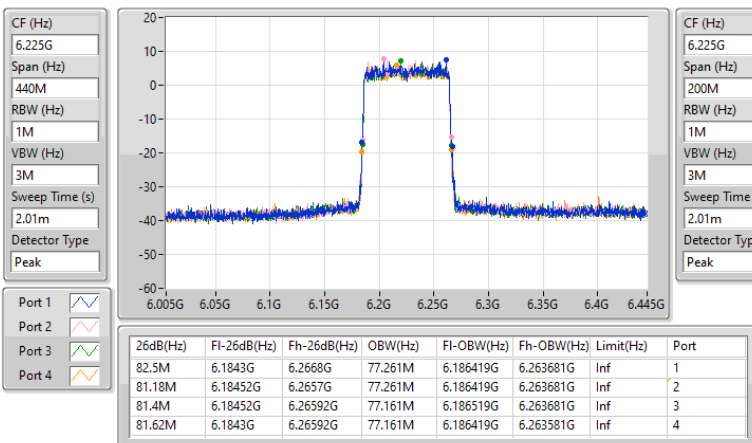


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

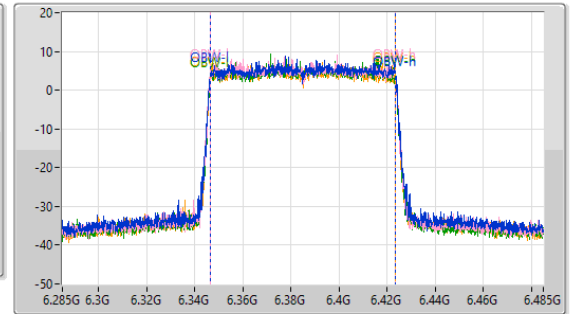
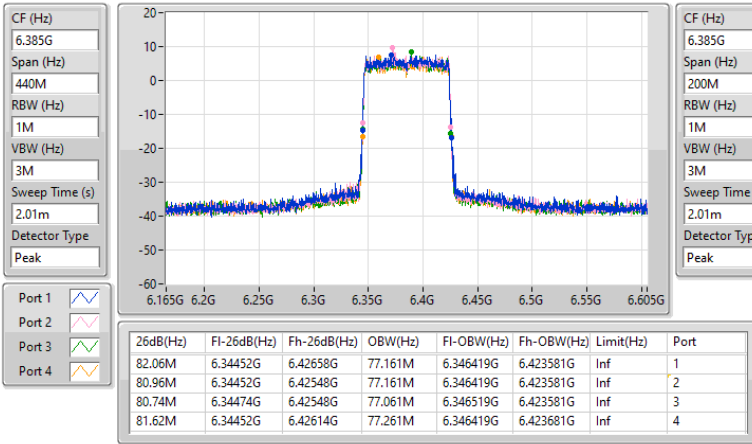
6225MHz

21/08/2024

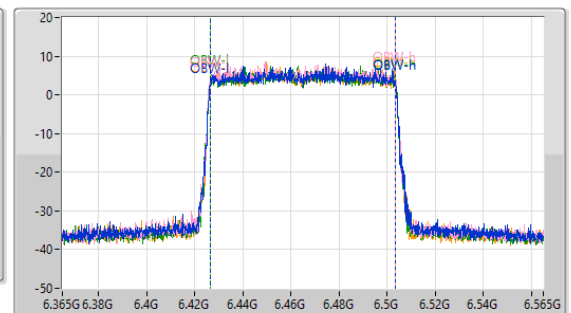
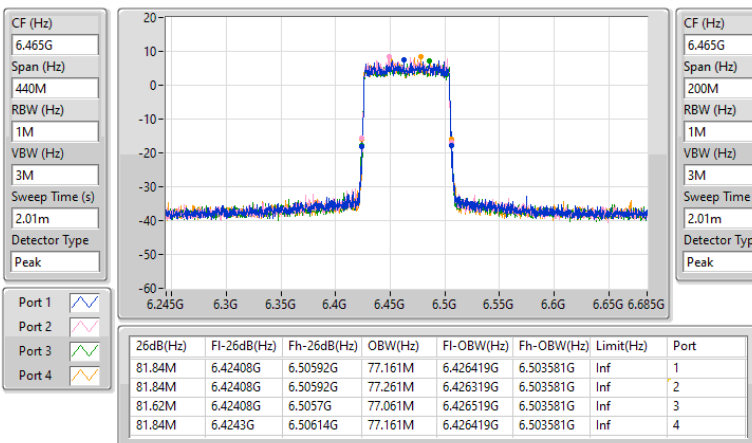


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX
EBW
6385MHz

21/08/2024


6.425-6.525GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX
EBW
6465MHz

21/08/2024

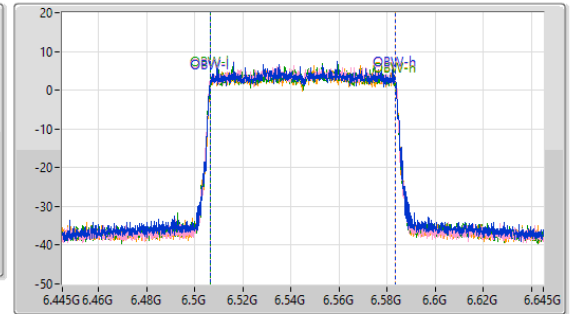
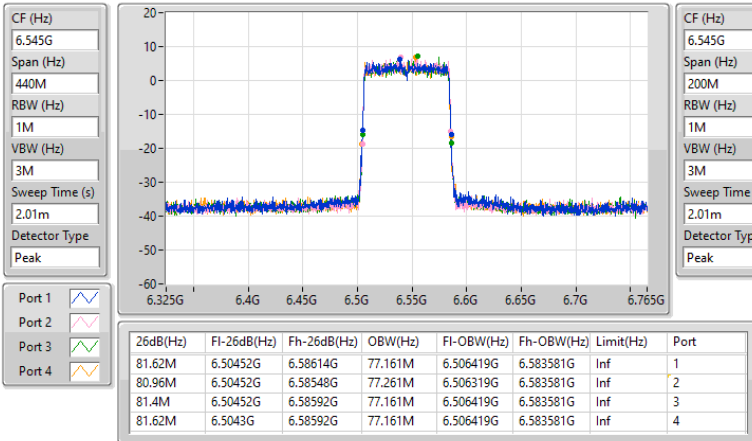


6.425-6.525GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6545MHz

21/08/2024

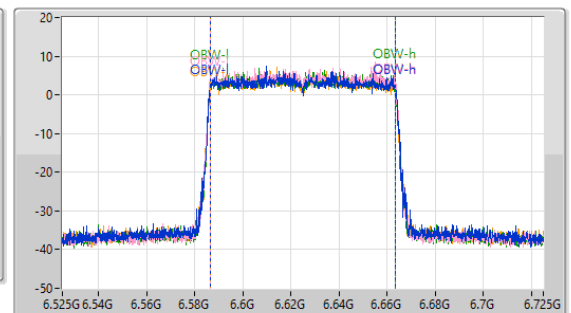
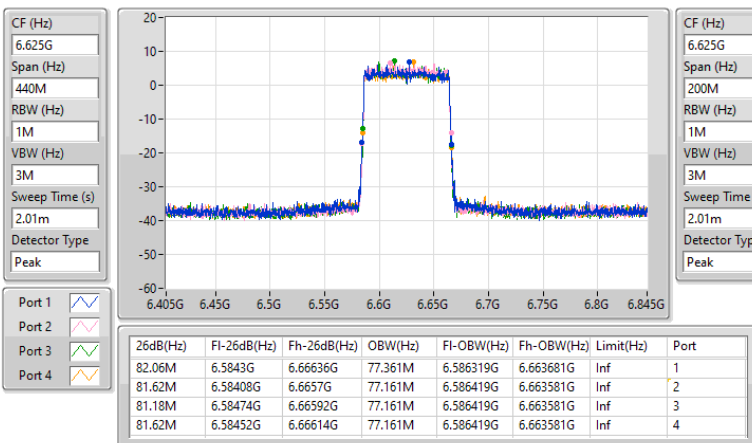


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6625MHz

21/08/2024

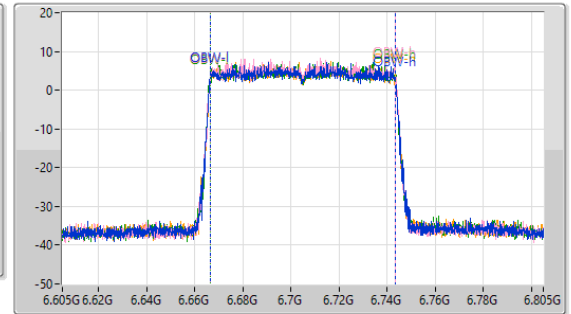
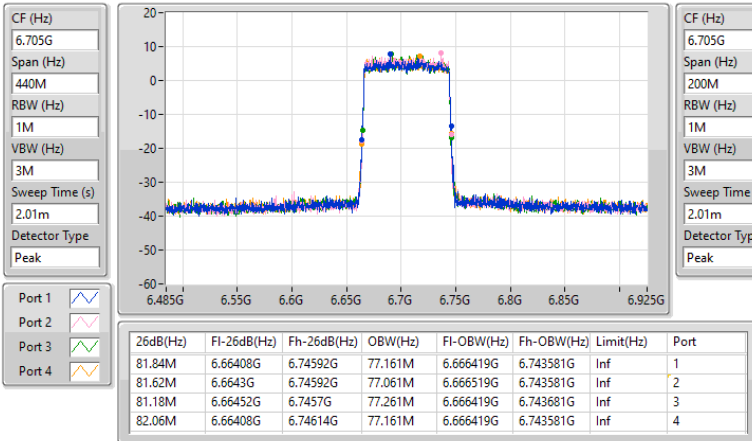


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6705MHz

21/08/2024

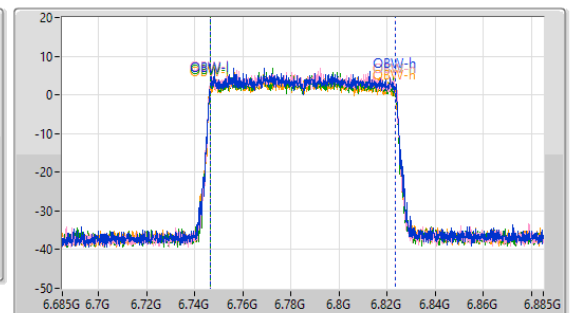
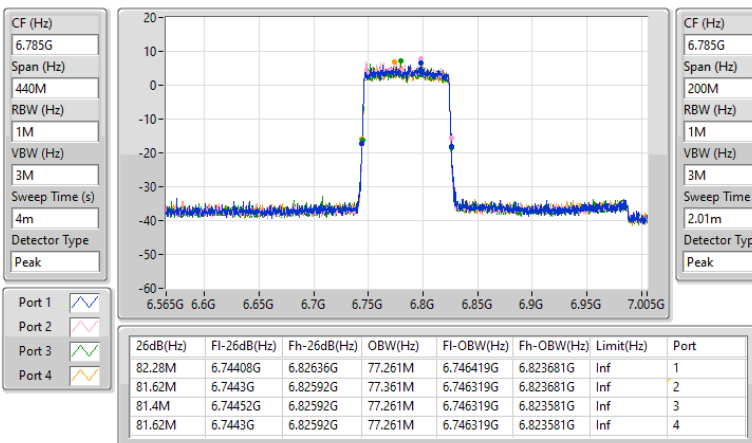


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6785MHz

21/08/2024

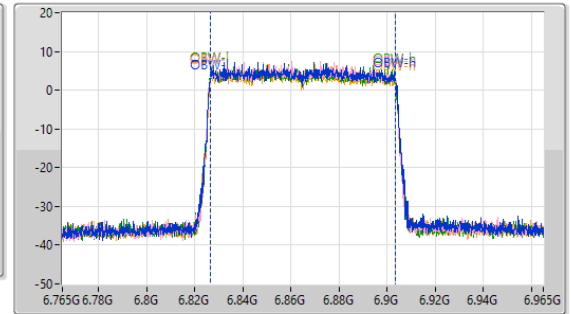
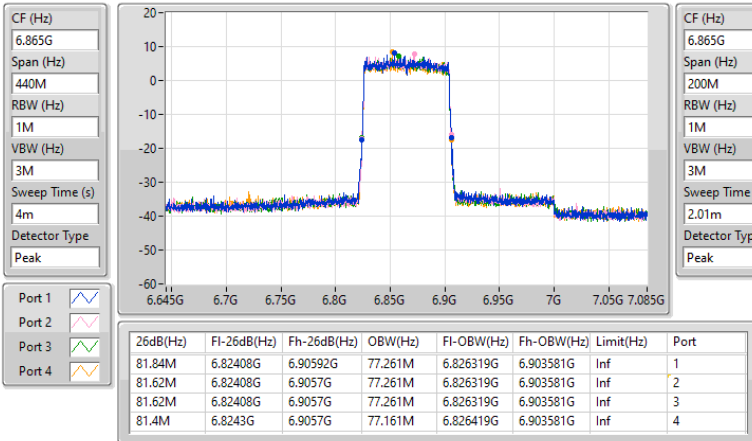


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6865MHz

21/08/2024

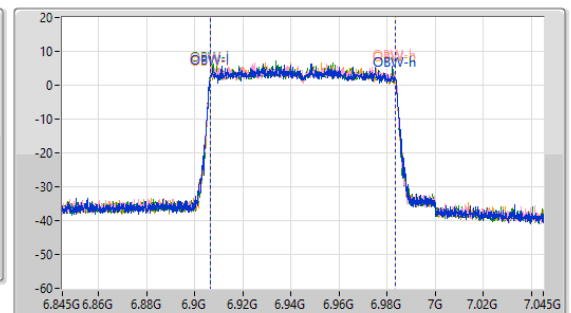
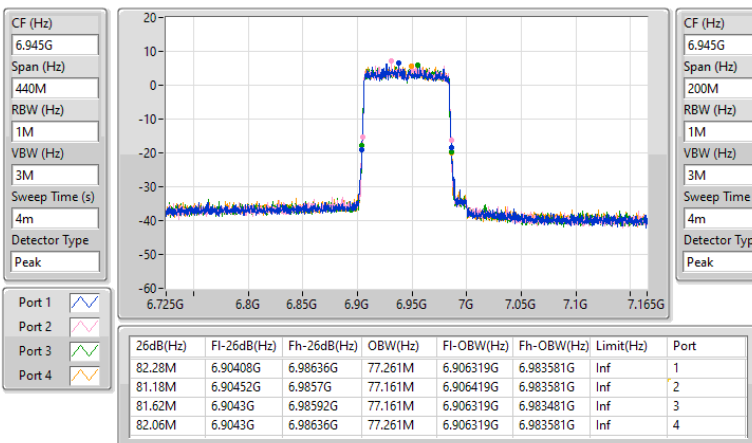


6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6945MHz

21/08/2024

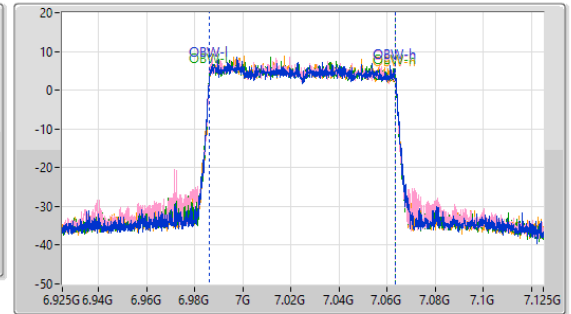
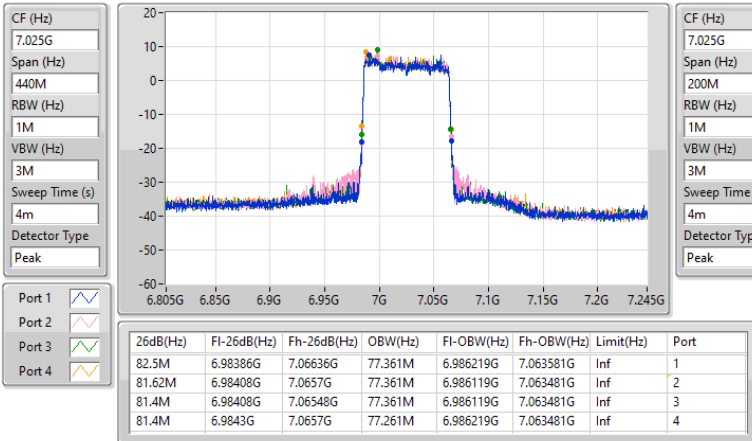


6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

7025MHz

21/08/2024

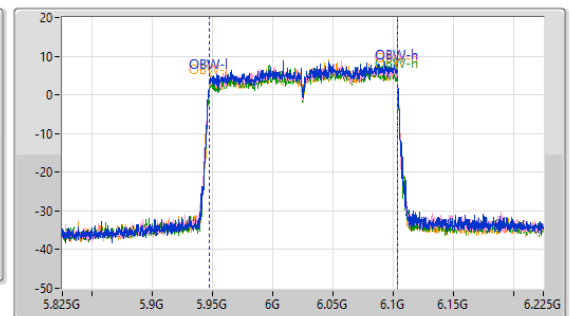
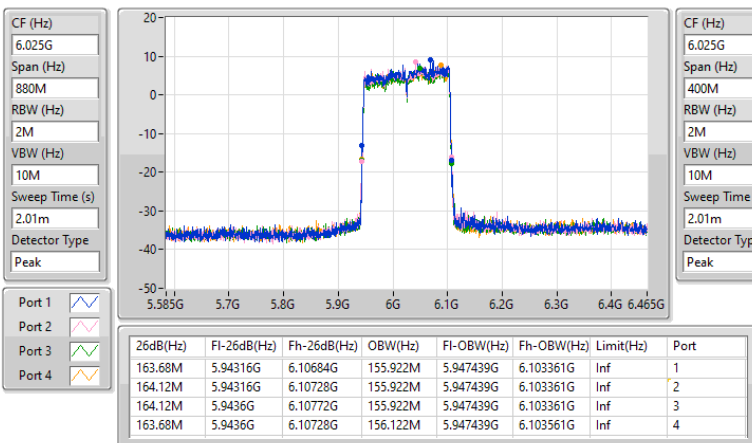


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6025MHz

21/08/2024

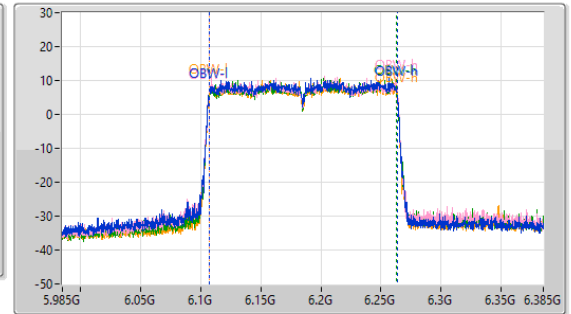
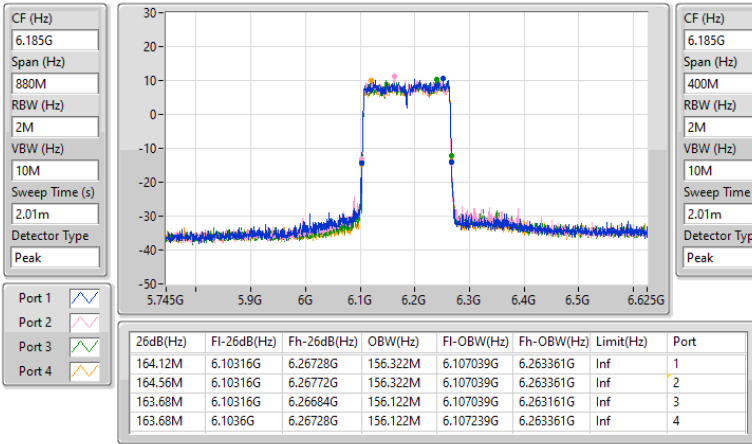


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6185MHz

21/08/2024

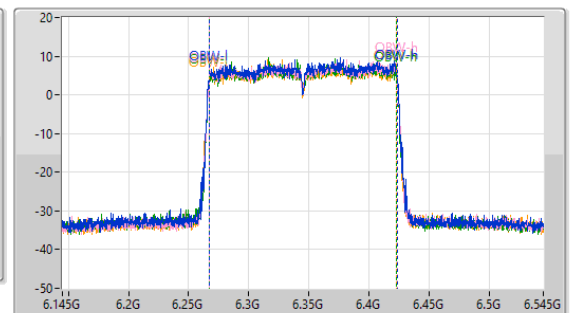
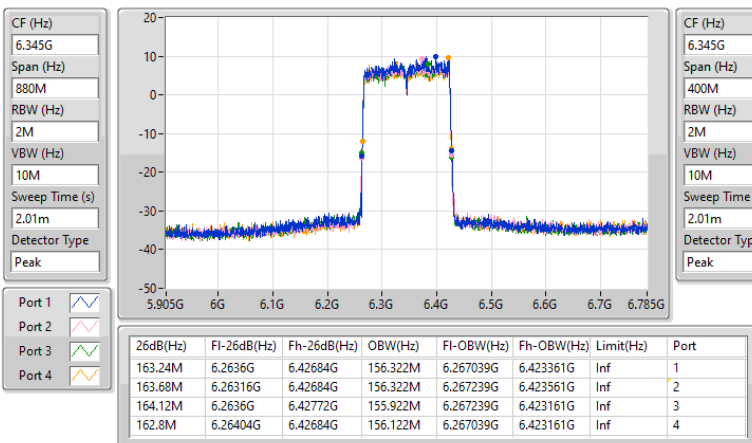


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6345MHz

21/08/2024

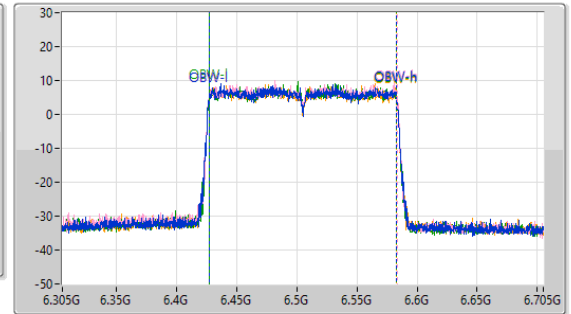
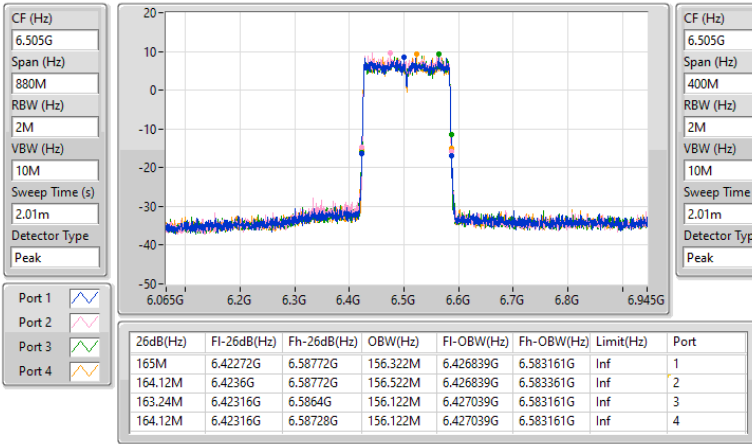


6.425-6.525GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6505MHz

21/08/2024

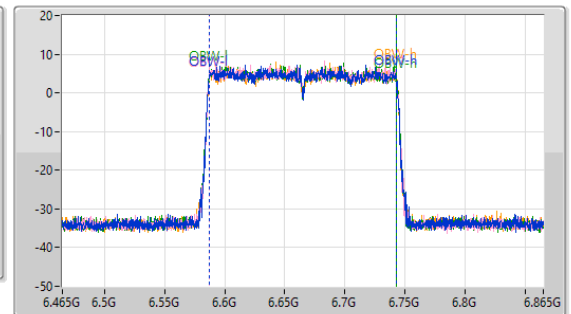
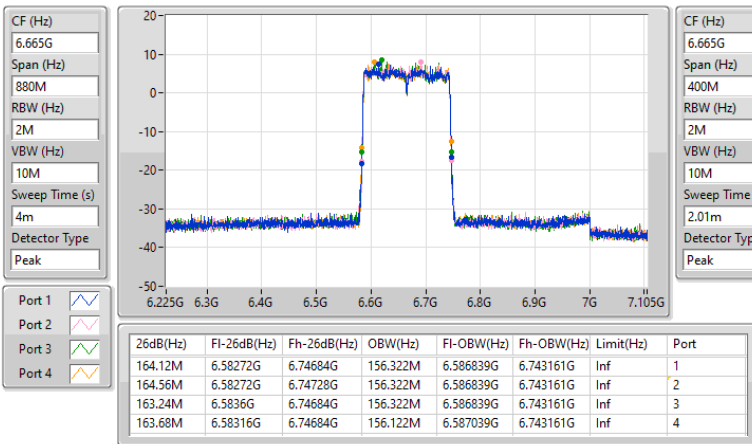


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6665MHz

21/08/2024

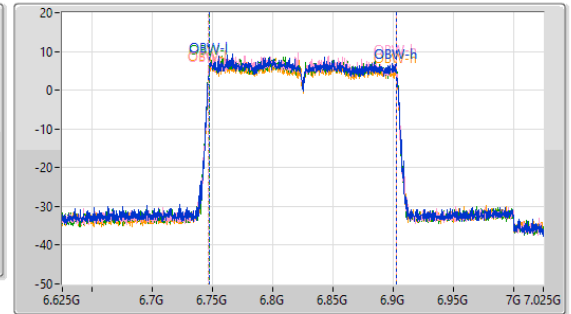
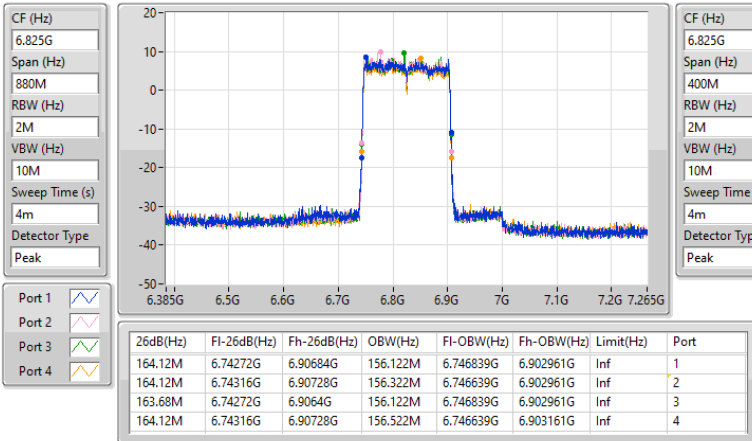


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6825MHz

21/08/2024

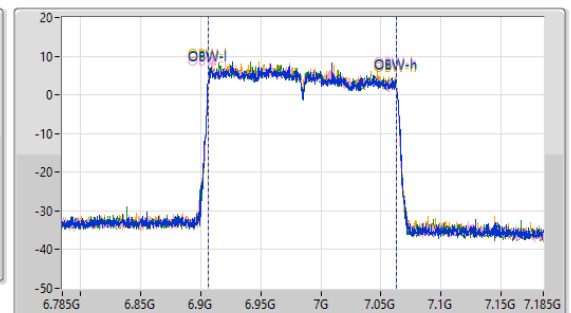
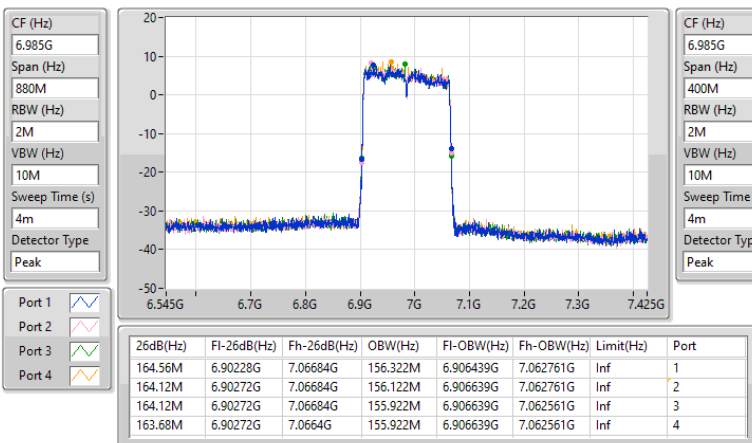


6.875-7.125GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6985MHz

21/08/2024

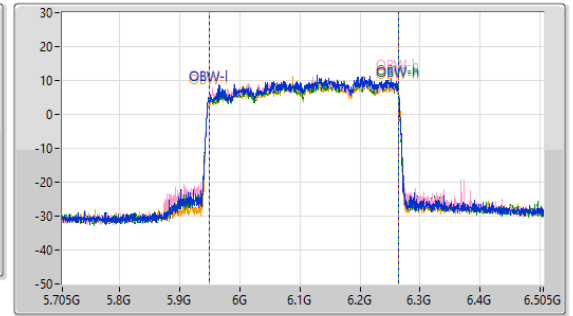
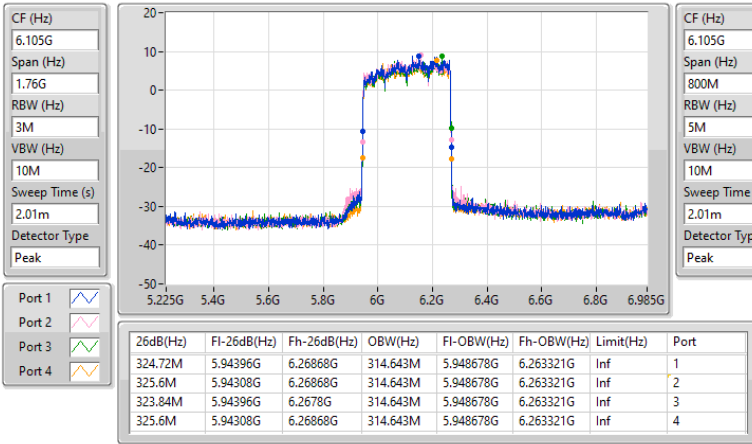


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6105MHz

21/08/2024

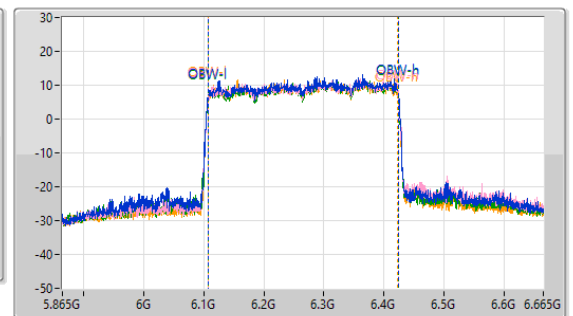
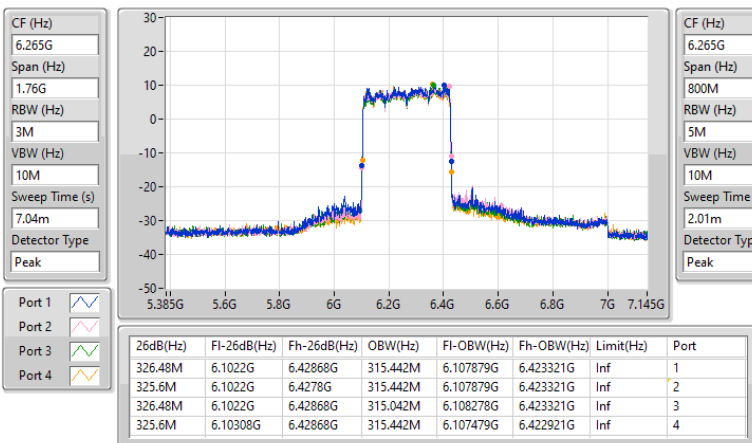


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

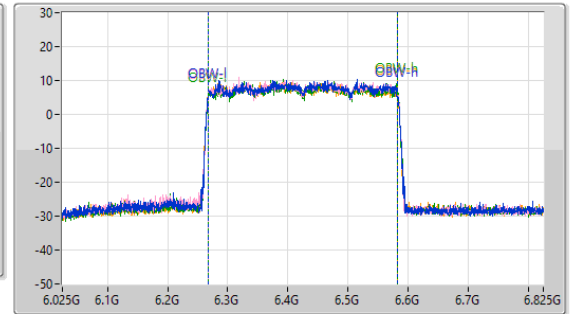
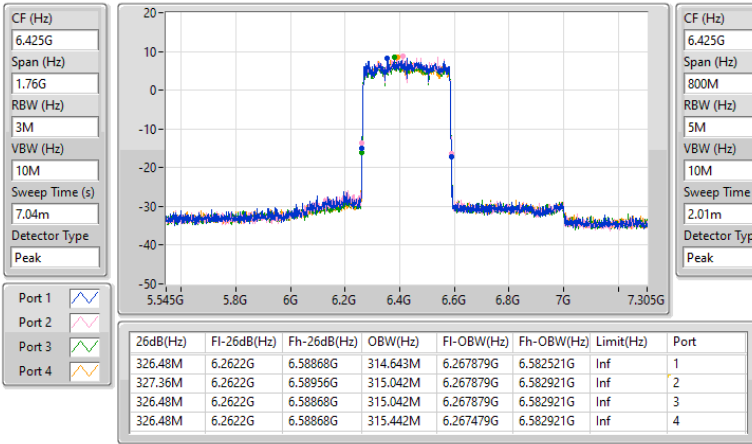
6265MHz

21/08/2024

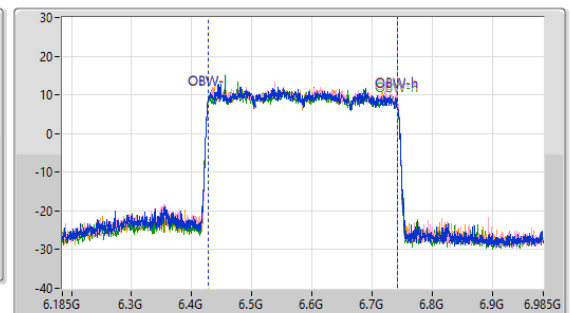
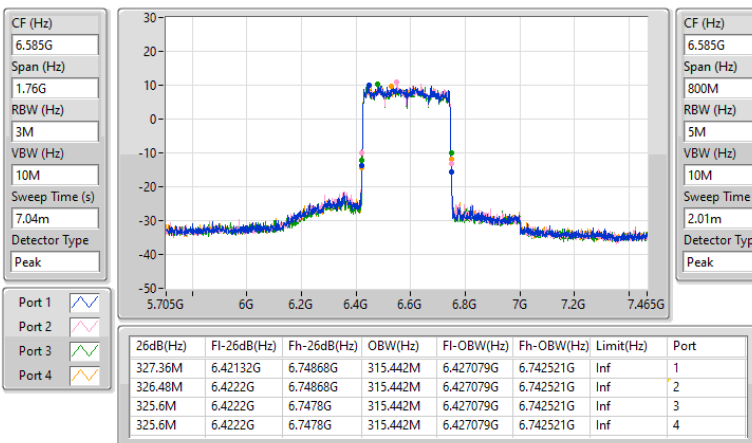


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX
EBW
6425MHz

21/08/2024


6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX
EBW
6585MHz

21/08/2024

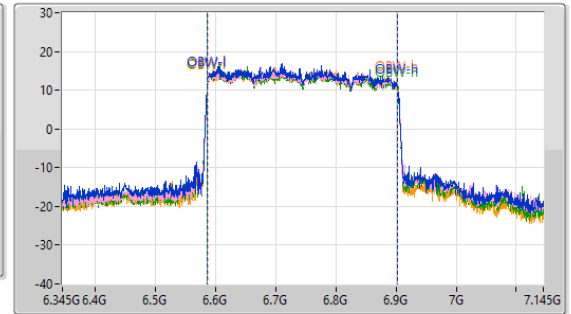
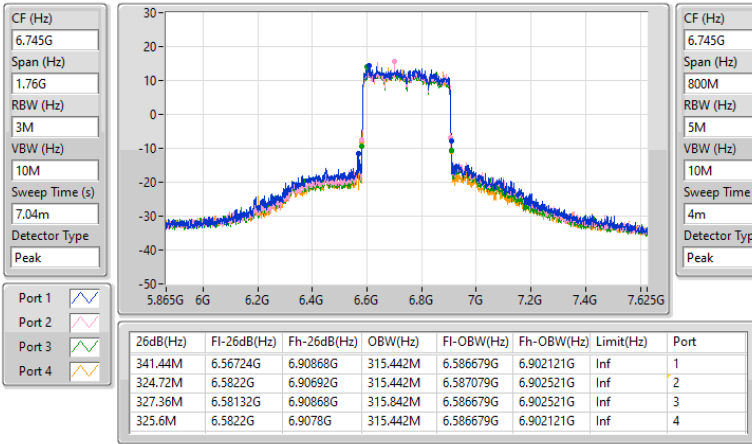


6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6745MHz

21/08/2024

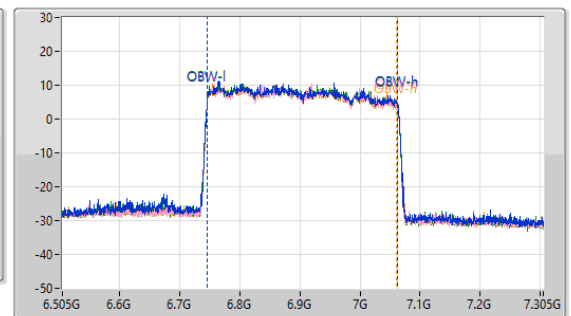
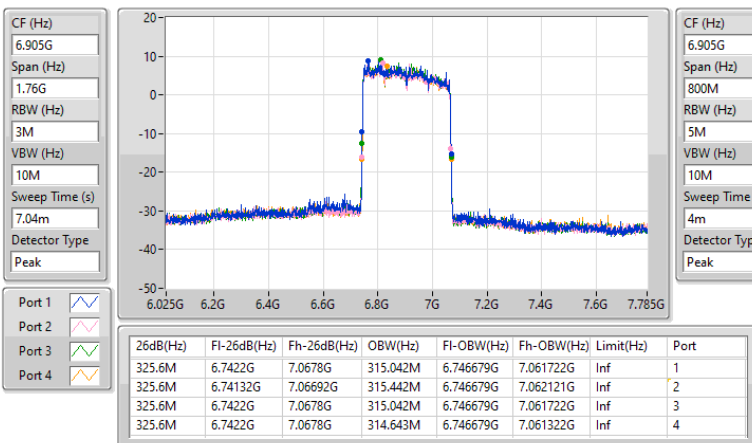


6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6905MHz

21/08/2024



Summary

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	15.74	0.03750
802.11be EHT20-BF_Nss1,(MCS0)_4TX	18.38	0.06887
802.11be EHT40_Nss1,(MCS0)_4TX	18.84	0.07656
802.11be EHT40-BF_Nss1,(MCS0)_4TX	20.10	0.10233
802.11be EHT80_Nss1,(MCS0)_4TX	21.24	0.13305
802.11be EHT80-BF_Nss1,(MCS0)_4TX	22.10	0.16218
802.11be EHT160_Nss1,(MCS0)_4TX	24.24	0.26546
802.11be EHT160-BF_Nss1,(MCS0)_4TX	24.09	0.25645
802.11be EHT320_Nss1,(MCS0)_4TX	26.65	0.46238
802.11be EHT320-BF_Nss1,(MCS0)_4TX	25.94	0.39264
6.425-6.525GHz	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	16.04	0.04018
802.11be EHT20-BF_Nss1,(MCS0)_4TX	18.77	0.07534
802.11be EHT40_Nss1,(MCS0)_4TX	18.55	0.07161
802.11be EHT40-BF_Nss1,(MCS0)_4TX	20.55	0.11350
802.11be EHT80_Nss1,(MCS0)_4TX	21.61	0.14488
802.11be EHT80-BF_Nss1,(MCS0)_4TX	22.25	0.16788
802.11be EHT160_Nss1,(MCS0)_4TX	24.65	0.29174
802.11be EHT160-BF_Nss1,(MCS0)_4TX	23.73	0.23605
6.525-6.875GHz	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	15.86	0.03855
802.11be EHT20-BF_Nss1,(MCS0)_4TX	17.62	0.05781
802.11be EHT40_Nss1,(MCS0)_4TX	18.69	0.07396
802.11be EHT40-BF_Nss1,(MCS0)_4TX	19.94	0.09863
802.11be EHT80_Nss1,(MCS0)_4TX	21.42	0.13868
802.11be EHT80-BF_Nss1,(MCS0)_4TX	22.44	0.17539
802.11be EHT160_Nss1,(MCS0)_4TX	24.20	0.26303
802.11be EHT160-BF_Nss1,(MCS0)_4TX	21.79	0.15101
802.11be EHT320_Nss1,(MCS0)_4TX	27.54	0.56754
802.11be EHT320-BF_Nss1,(MCS0)_4TX	28.73	0.74645
6.875-7.125GHz	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	15.68	0.03698
802.11be EHT20-BF_Nss1,(MCS0)_4TX	17.46	0.05572
802.11be EHT40_Nss1,(MCS0)_4TX	18.28	0.06730
802.11be EHT40-BF_Nss1,(MCS0)_4TX	20.43	0.11041
802.11be EHT80_Nss1,(MCS0)_4TX	21.08	0.12823
802.11be EHT80-BF_Nss1,(MCS0)_4TX	22.68	0.18535
802.11be EHT160_Nss1,(MCS0)_4TX	23.65	0.23174
802.11be EHT160-BF_Nss1,(MCS0)_4TX	22.58	0.18113

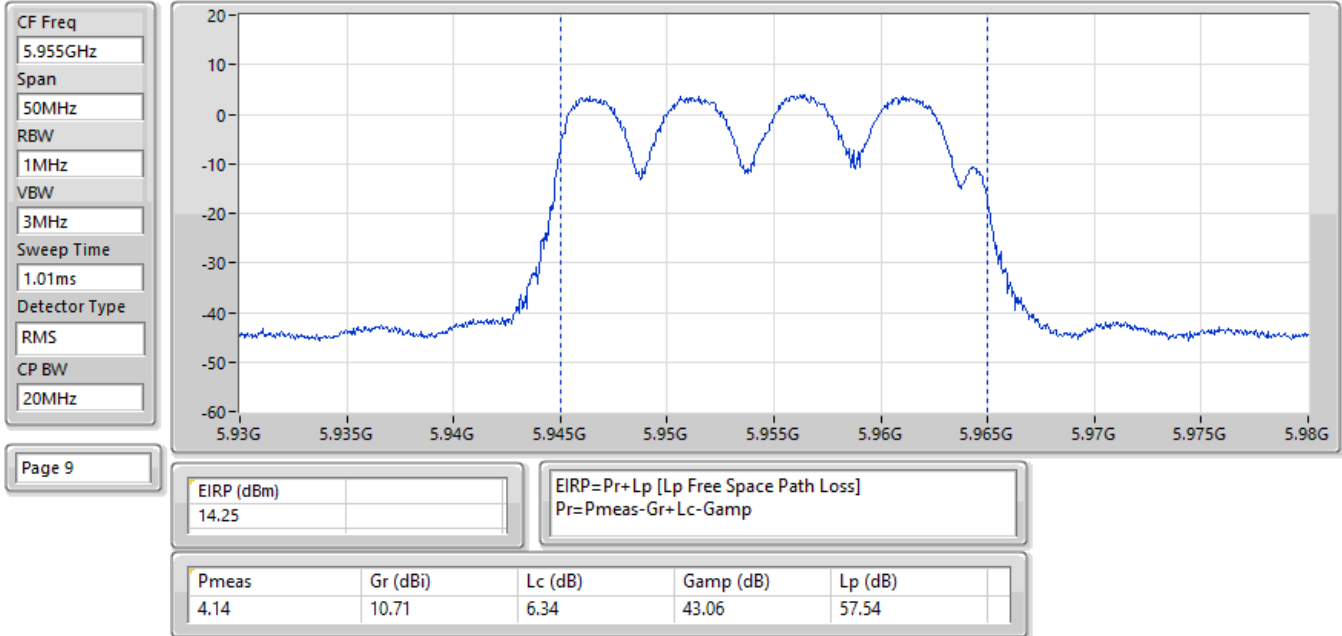
Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	14.25	30.00
6195MHz	Pass	15.72	30.00
6415MHz	Pass	15.74	30.00
6435MHz	Pass	15.51	30.00
6475MHz	Pass	15.02	30.00
6515MHz	Pass	16.04	30.00
6535MHz	Pass	15.86	30.00
6695MHz	Pass	15.59	30.00
6875MHz Straddle 6.525-6.875GHz	Pass	15.07	30.00
6895MHz	Pass	15.68	30.00
6995MHz	Pass	15.50	30.00
7095MHz	Pass	15.37	30.00
7115MHz	Pass	9.86	30.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	17.71	30.00
6205MHz	Pass	18.84	30.00
6405MHz	Pass	18.39	30.00
6445MHz	Pass	18.55	30.00
6485MHz	Pass	18.39	30.00
6525MHz Straddle 6.425-6.525GHz	Pass	18.53	30.00
6565MHz	Pass	18.13	30.00
6685MHz	Pass	18.69	30.00
6885MHz Straddle 6.525-6.875GHz	Pass	18.19	30.00
6925MHz	Pass	18.10	30.00
7005MHz	Pass	17.46	30.00
7085MHz	Pass	18.28	30.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	20.35	30.00
6225MHz	Pass	21.24	30.00
6385MHz	Pass	20.86	30.00
6465MHz	Pass	21.61	30.00
6545MHz Straddle 6.425-6.525GHz	Pass	21.49	30.00
6625MHz	Pass	21.26	30.00
6705MHz	Pass	20.79	30.00
6785MHz	Pass	21.42	30.00
6865MHz Straddle 6.525-6.875GHz	Pass	21.03	30.00
6945MHz	Pass	21.08	30.00
7025MHz	Pass	20.48	30.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	24.01	30.00
6185MHz	Pass	24.24	30.00
6345MHz	Pass	23.97	30.00
6505MHz Straddle 6.425-6.525GHz	Pass	24.65	30.00
6665MHz	Pass	24.20	30.00
6825MHz Straddle 6.525-6.875GHz	Pass	23.85	30.00
6985MHz	Pass	23.65	30.00
802.11be EHT320_Nss1,(MCS0)_4TX	-	-	-
6105MHz	Pass	26.42	30.00
6265MHz	Pass	26.65	30.00
6425MHz Straddle 5.925-6.425GHz	Pass	26.16	30.00
6585MHz Straddle 6.525-6.875GHz	Pass	27.54	30.00
6745MHz Straddle 6.525-6.875GHz	Pass	26.72	30.00
6905MHz Straddle 6.525-6.875GHz	Pass	22.51	30.00
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-

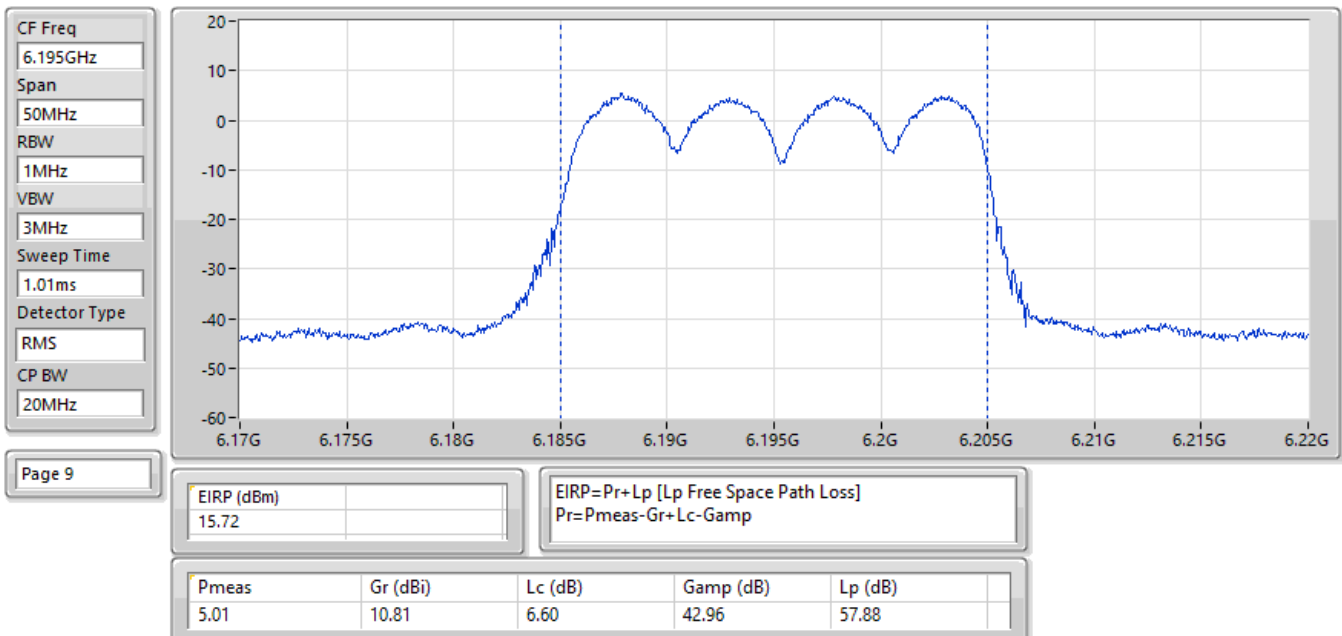
Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
5955MHz	Pass	18.20	30.00
6195MHz	Pass	18.21	30.00
6415MHz	Pass	18.38	30.00
6435MHz	Pass	18.77	30.00
6475MHz	Pass	17.53	30.00
6515MHz	Pass	18.11	30.00
6535MHz	Pass	17.62	30.00
6695MHz	Pass	14.70	30.00
6875MHz Straddle 6.525-6.875GHz	Pass	15.83	30.00
6895MHz	Pass	17.40	30.00
6995MHz	Pass	17.46	30.00
7095MHz	Pass	17.11	30.00
7115MHz	Pass	11.47	30.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	17.26	30.00
6205MHz	Pass	18.36	30.00
6405MHz	Pass	20.10	30.00
6445MHz	Pass	20.55	30.00
6485MHz	Pass	19.84	30.00
6525MHz Straddle 6.425-6.525GHz	Pass	19.20	30.00
6565MHz	Pass	19.94	30.00
6685MHz	Pass	19.00	30.00
6885MHz Straddle 6.525-6.875GHz	Pass	17.26	30.00
6925MHz	Pass	20.43	30.00
7005MHz	Pass	19.66	30.00
7085MHz	Pass	18.92	30.00
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	20.69	30.00
6225MHz	Pass	21.00	30.00
6385MHz	Pass	22.10	30.00
6465MHz	Pass	22.25	30.00
6545MHz Straddle 6.425-6.525GHz	Pass	21.41	30.00
6625MHz	Pass	21.16	30.00
6705MHz	Pass	21.62	30.00
6785MHz	Pass	20.41	30.00
6865MHz Straddle 6.525-6.875GHz	Pass	22.44	30.00
6945MHz	Pass	21.07	30.00
7025MHz	Pass	22.68	30.00
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	22.26	30.00
6185MHz	Pass	24.09	30.00
6345MHz	Pass	22.73	30.00
6505MHz Straddle 6.425-6.525GHz	Pass	23.73	30.00
6665MHz	Pass	21.46	30.00
6825MHz Straddle 6.525-6.875GHz	Pass	21.79	30.00
6985MHz	Pass	22.58	30.00
802.11be EHT320-BF_Nss1,(MCS0)_4TX	-	-	-
6105MHz	Pass	23.57	30.00
6265MHz	Pass	25.94	30.00
6425MHz Straddle 5.925-6.425GHz	Pass	24.94	30.00
6585MHz Straddle 6.525-6.875GHz	Pass	24.66	30.00
6745MHz Straddle 6.525-6.875GHz	Pass	28.73	30.00
6905MHz Straddle 6.525-6.875GHz	Pass	23.58	30.00

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

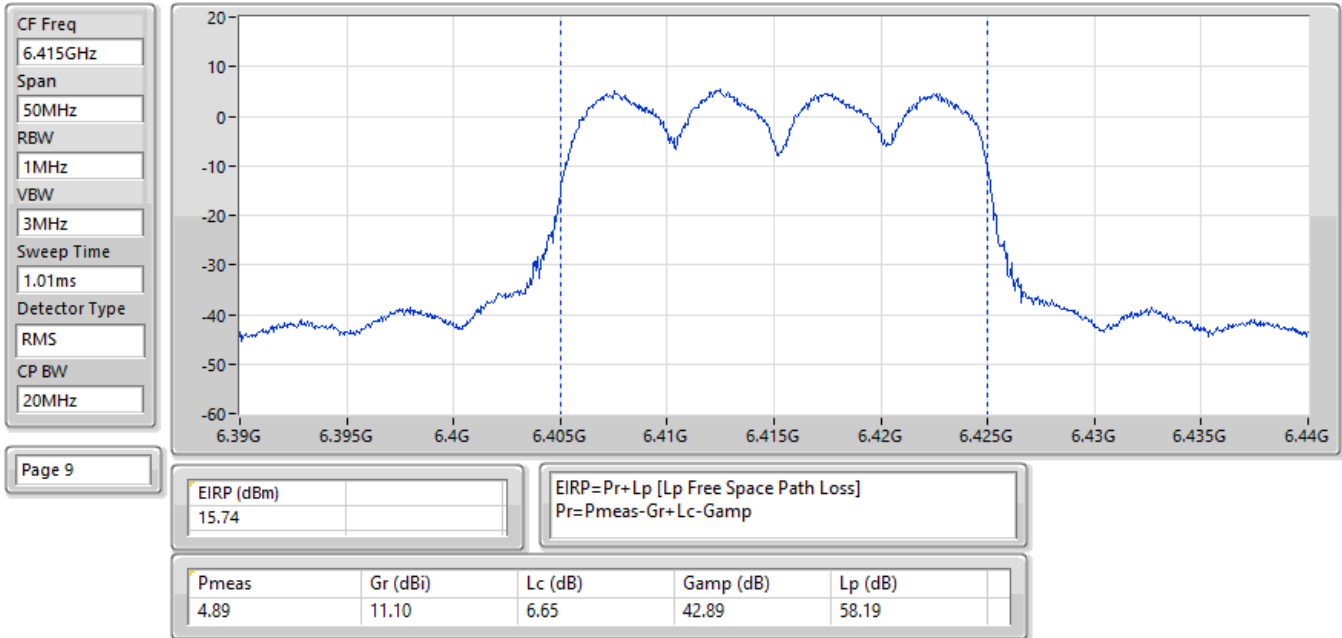
EIRP;Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5955MHz;TX



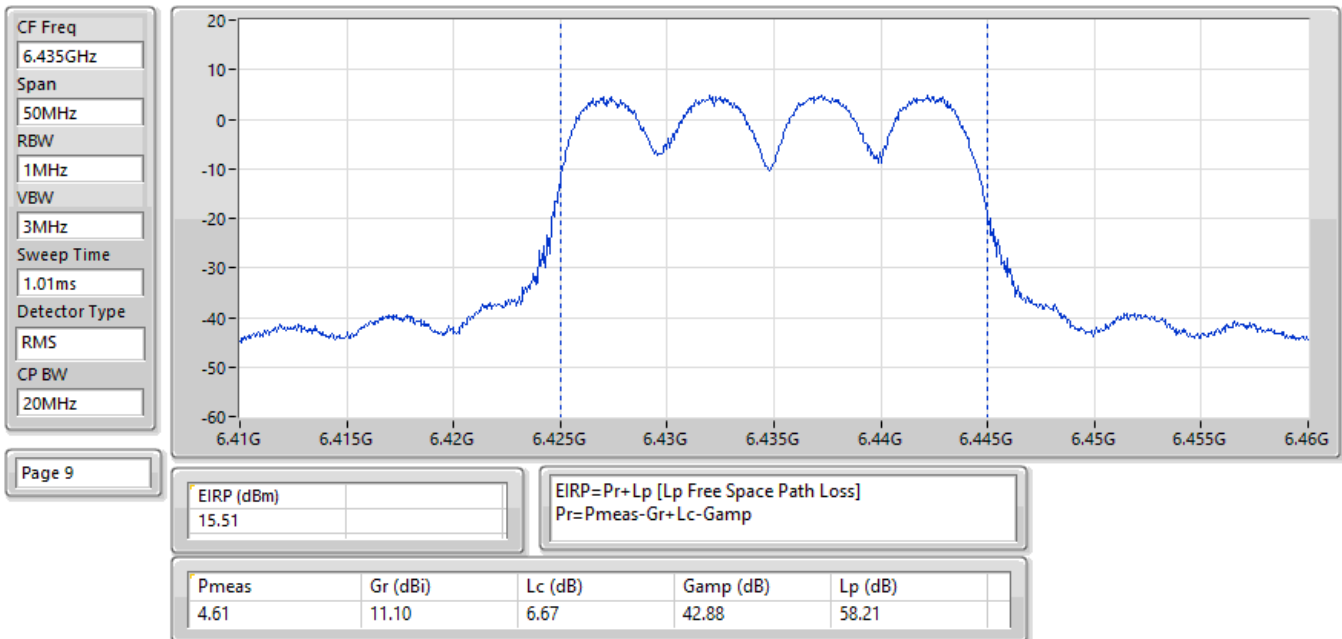
EIRP;Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6195MHz;TX



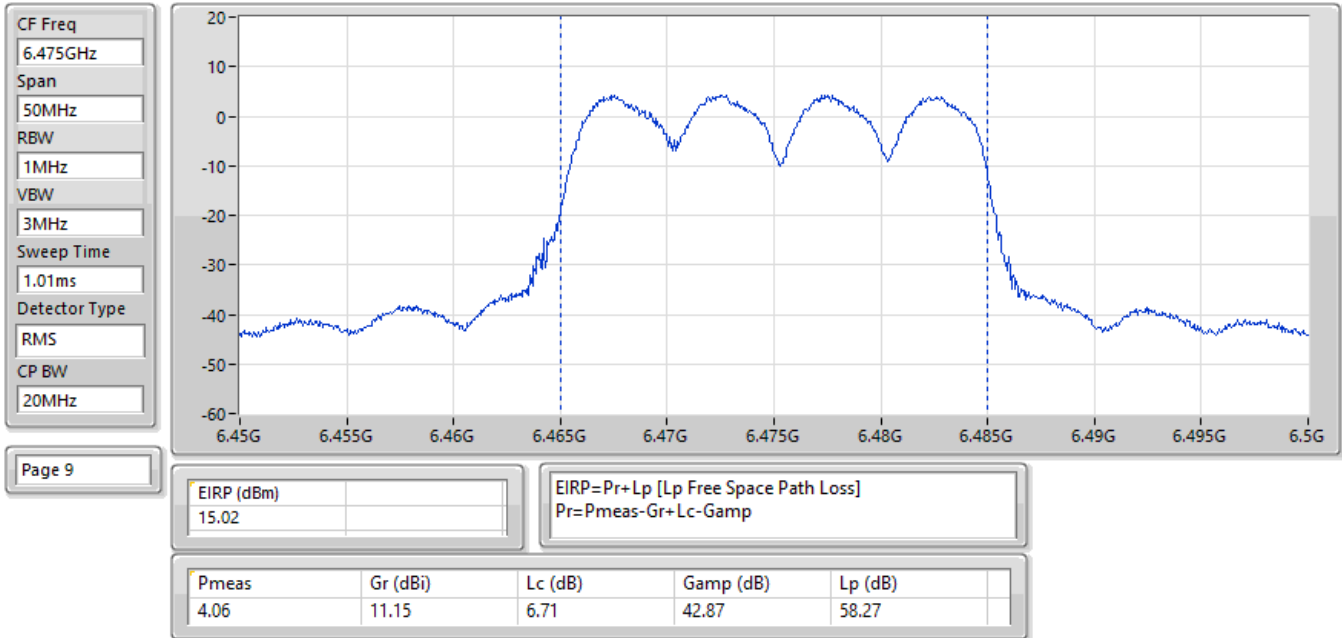
EIRP:Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6415MHz;TX



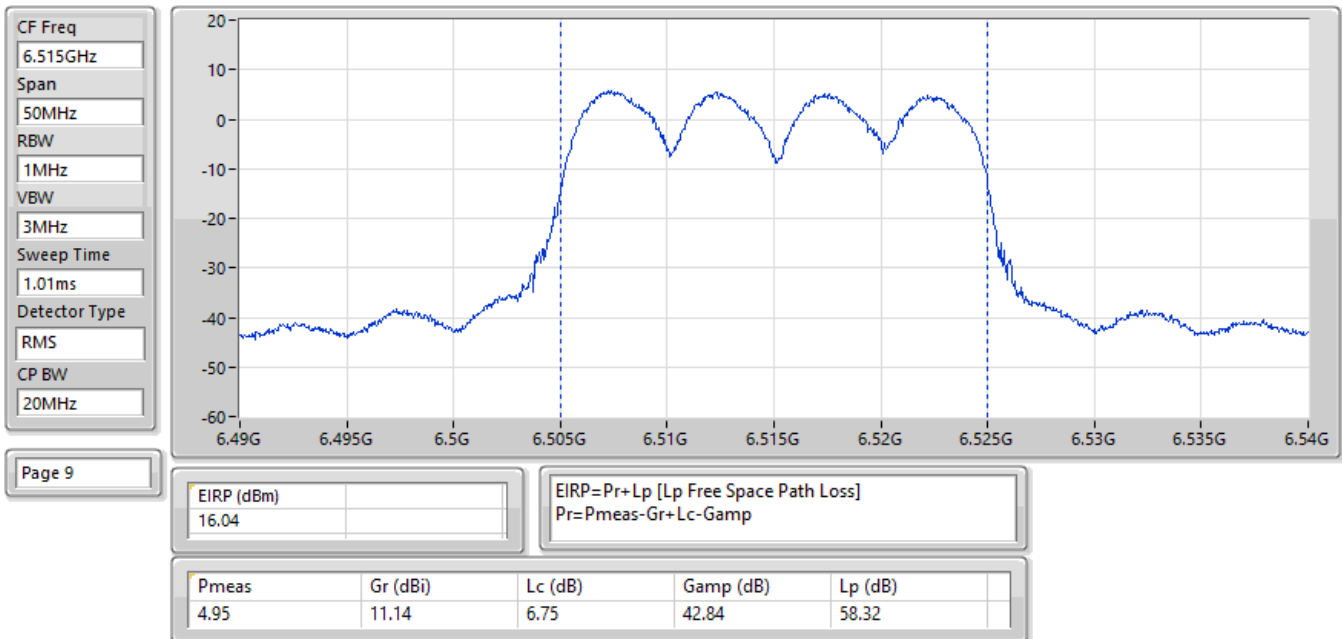
EIRP:Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6435MHz;TX



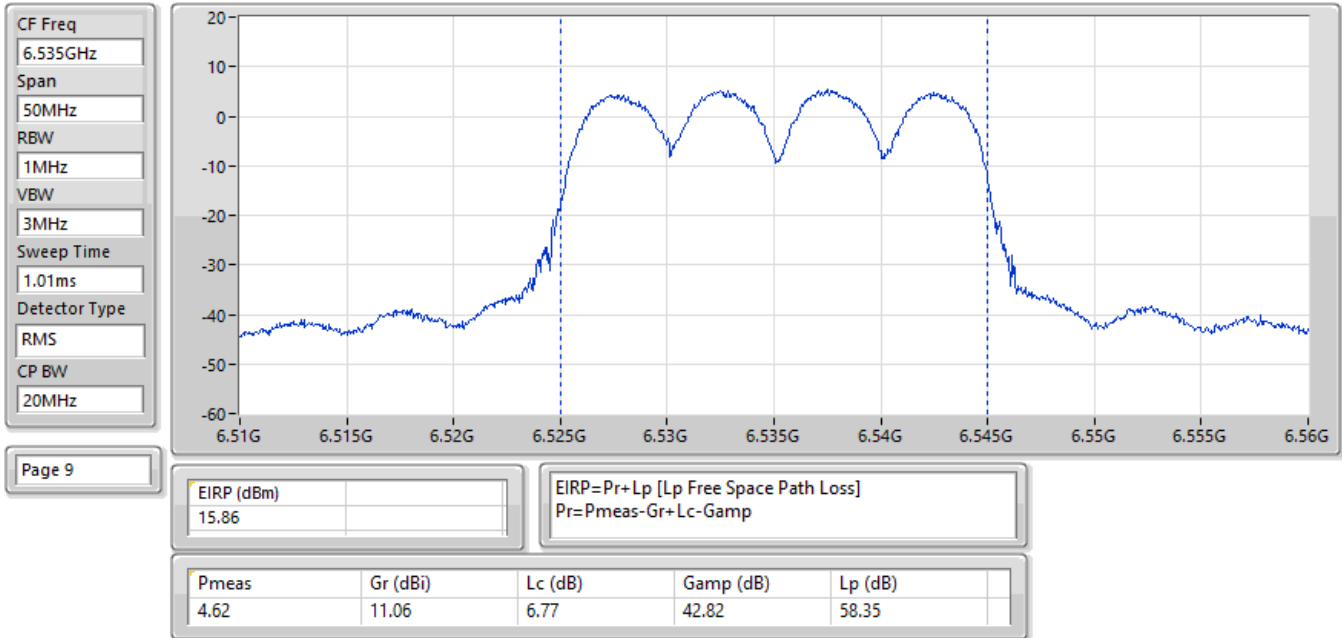
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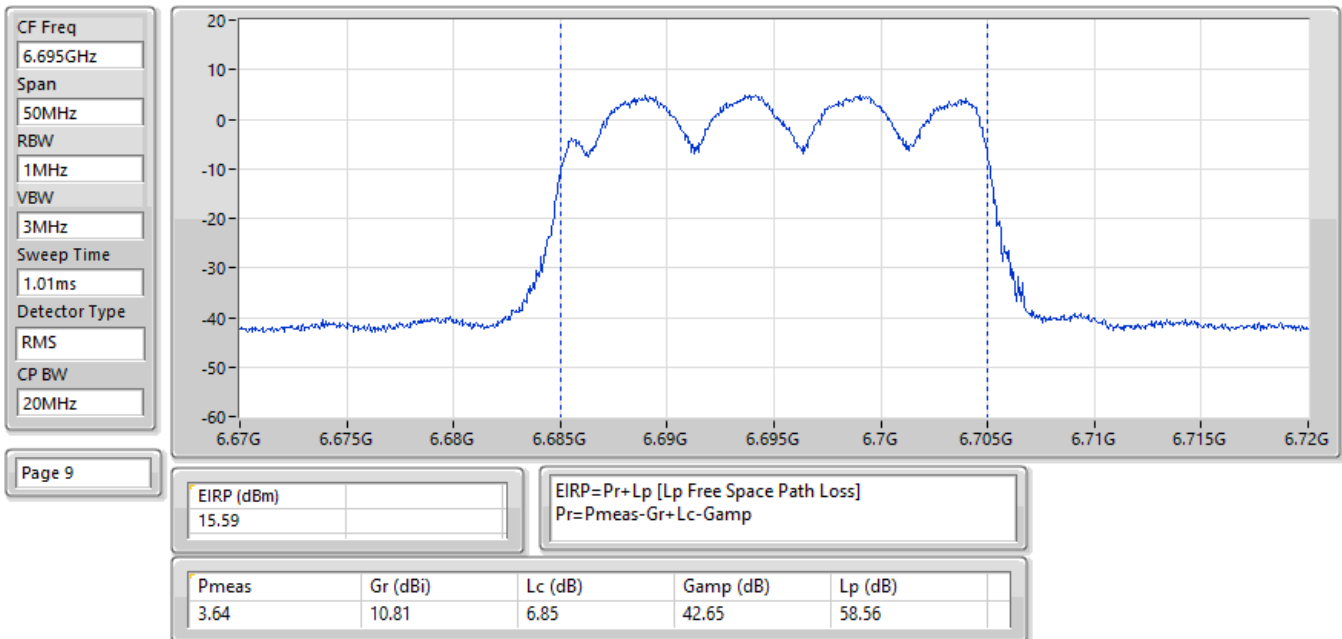
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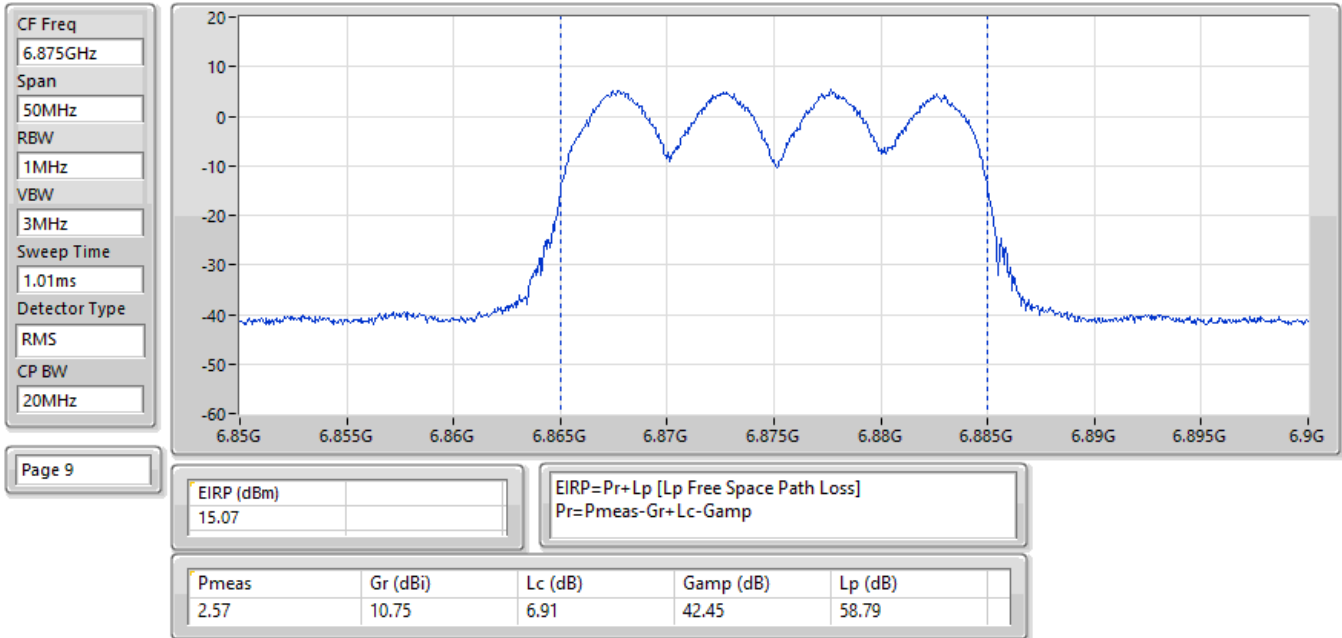
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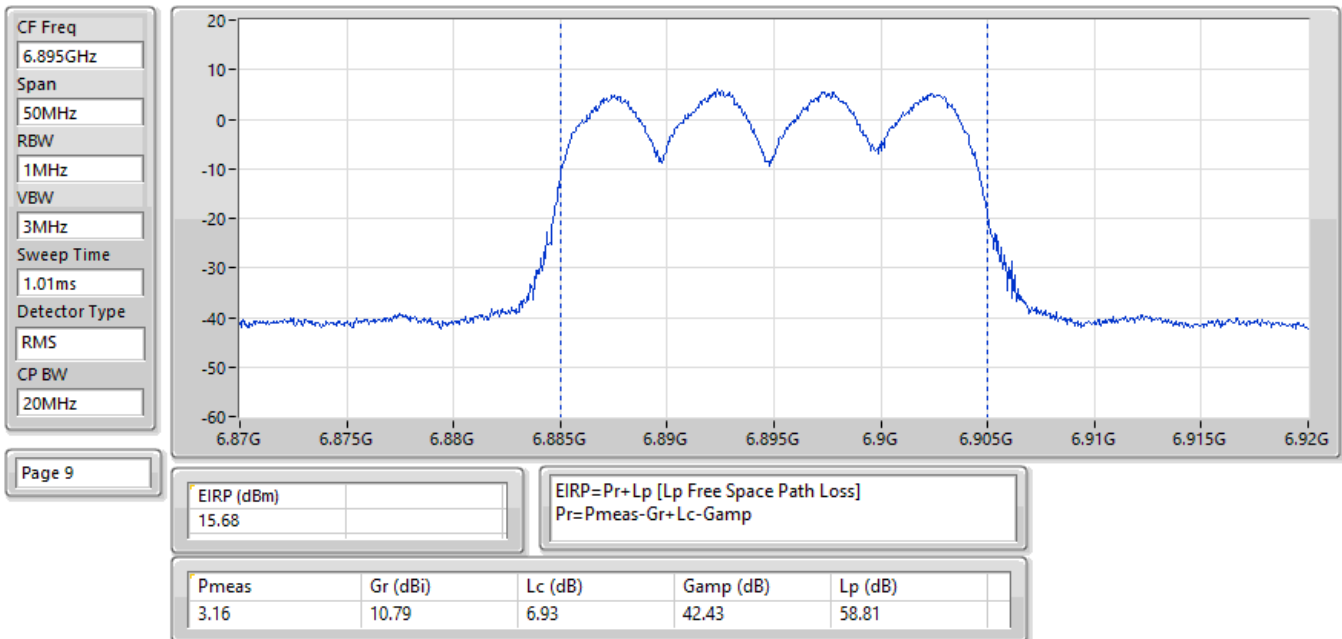
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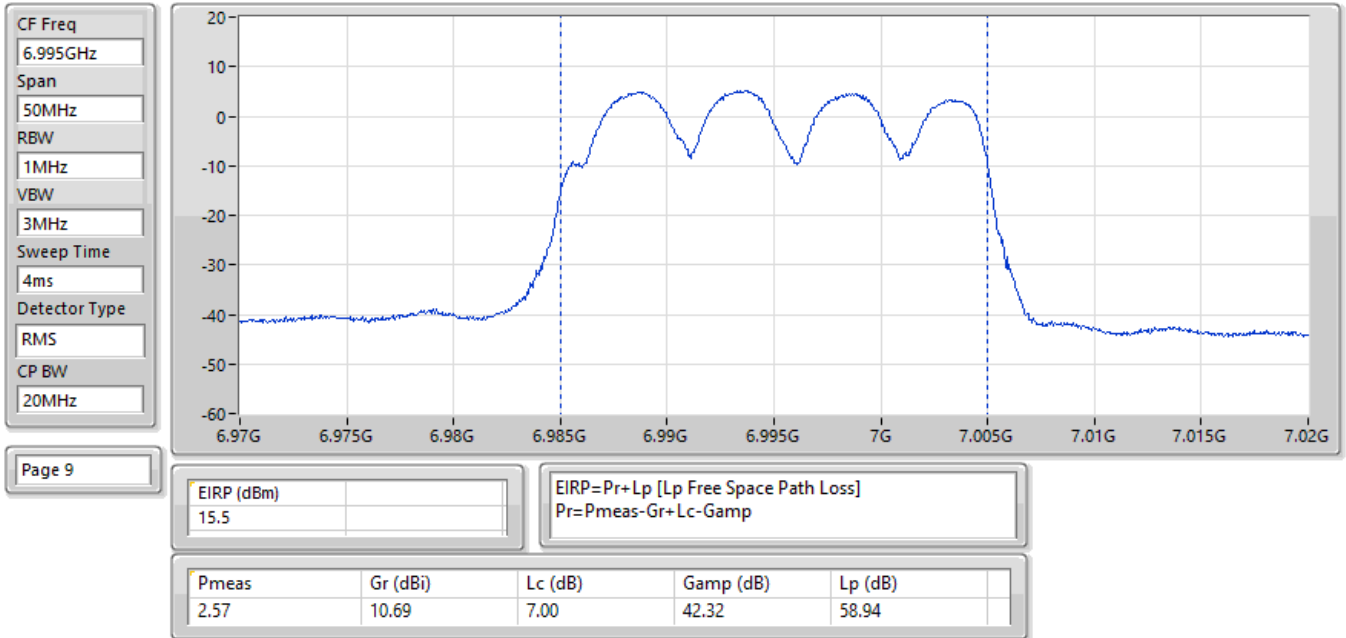
EIRP:Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6875MHz;TX



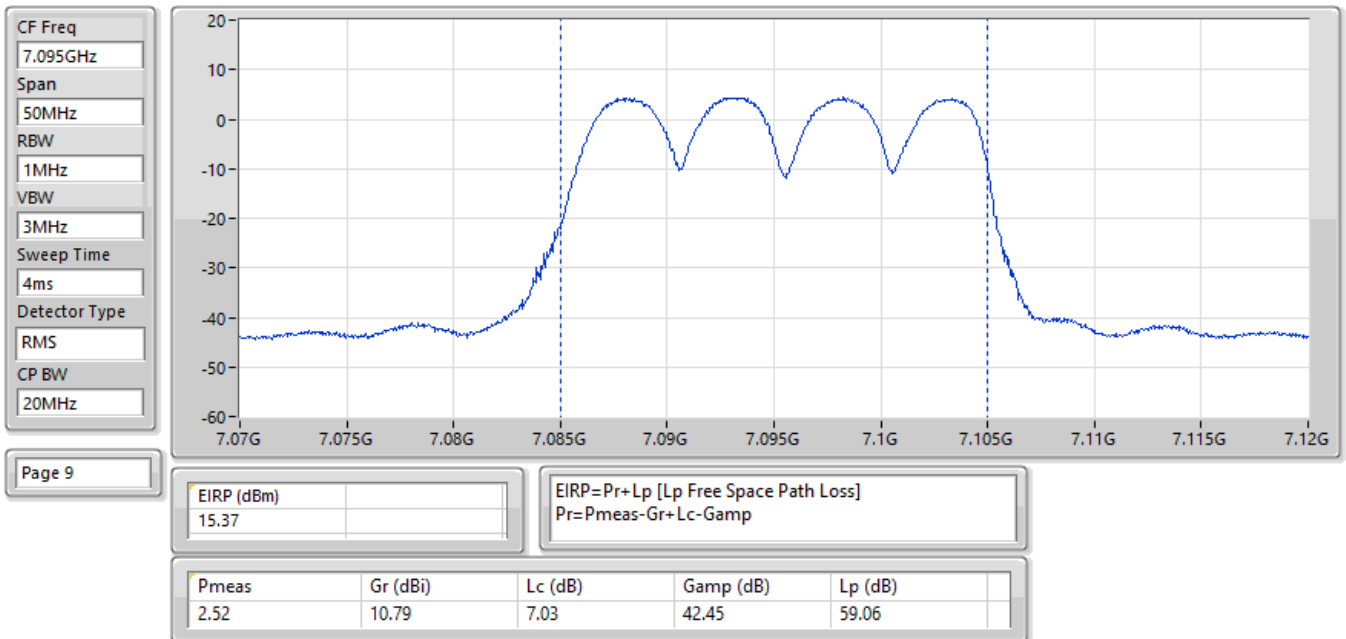
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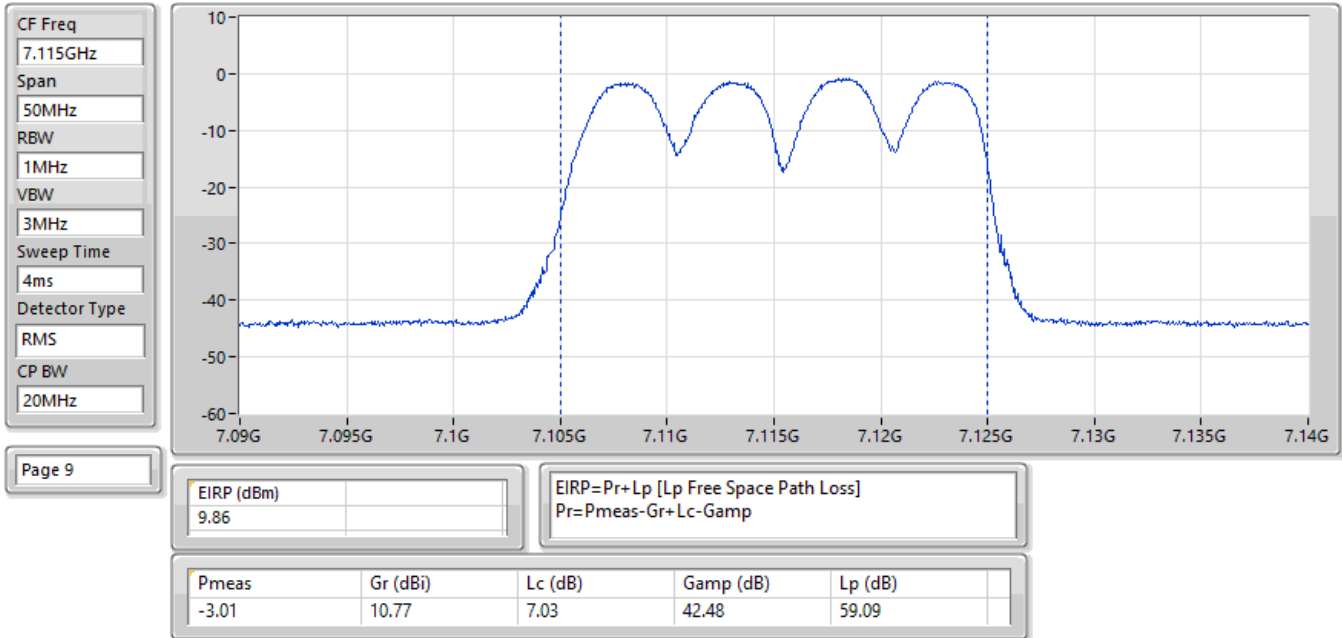
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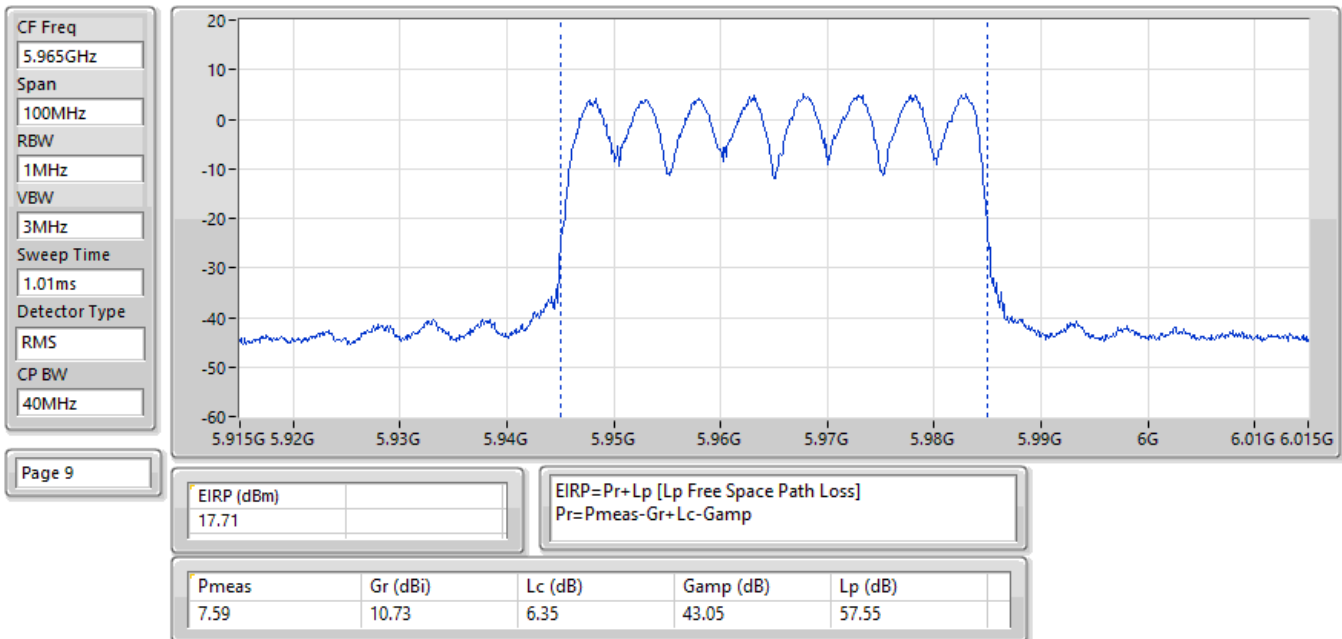
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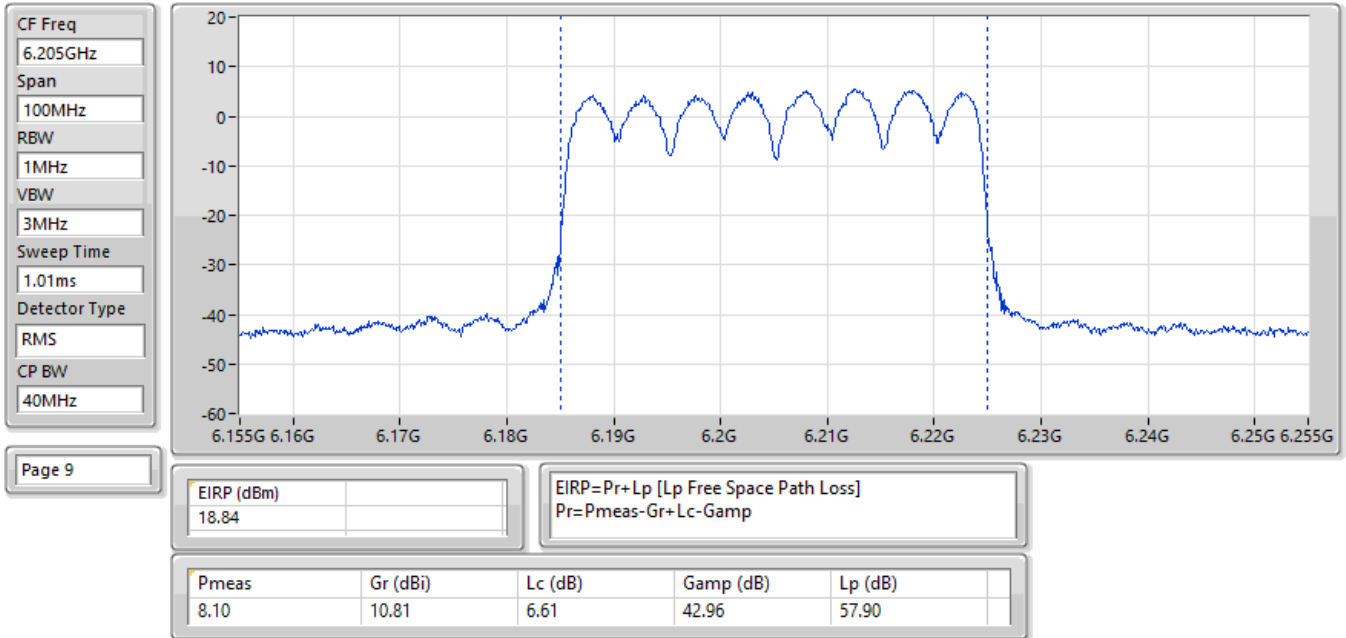
EIRP:Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7115MHz;TX



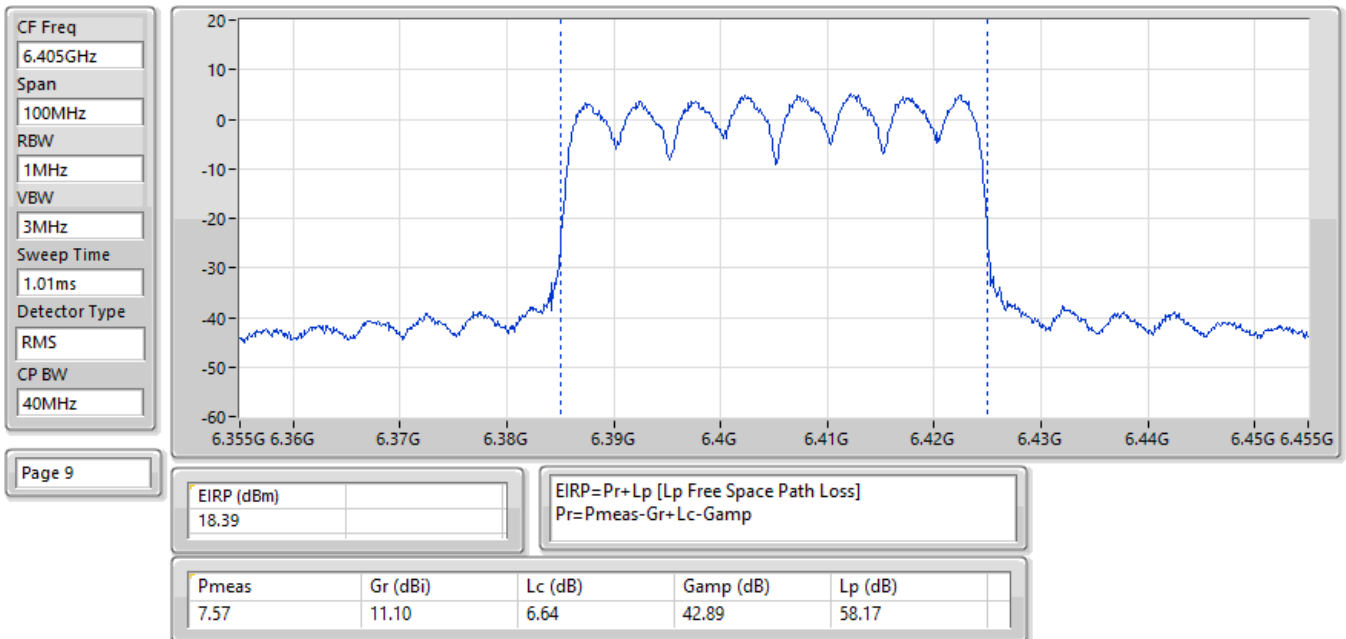
EIRP:Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5965MHz;TX



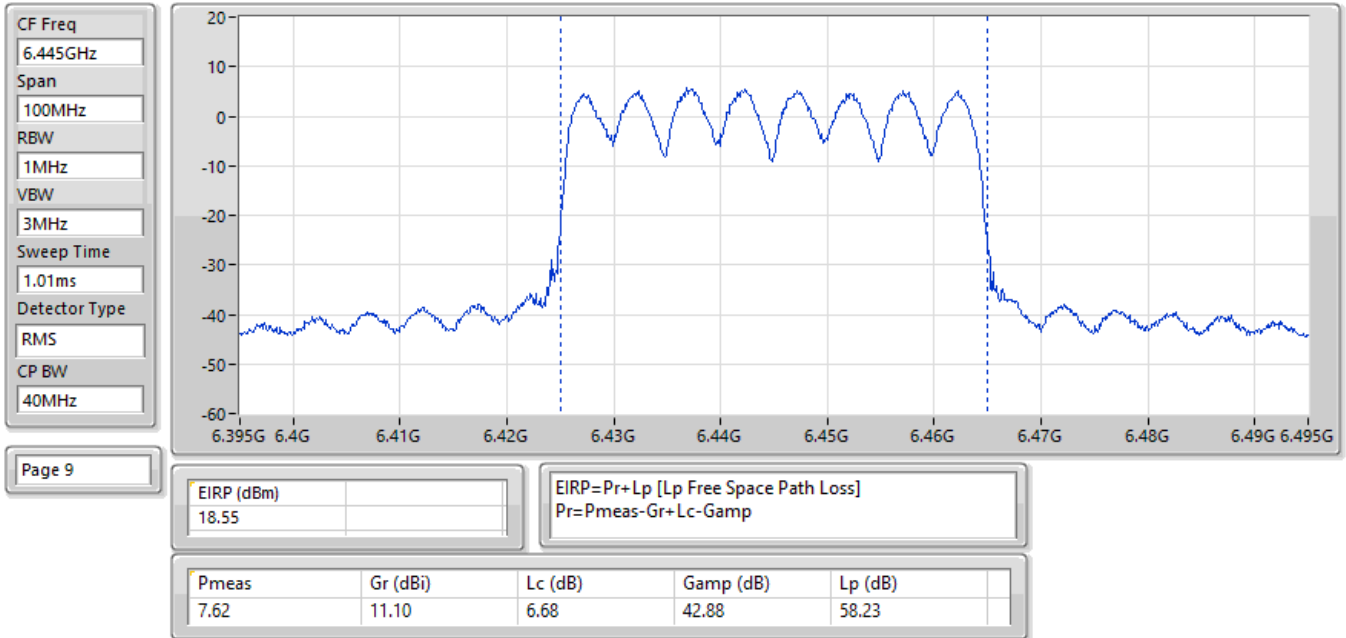
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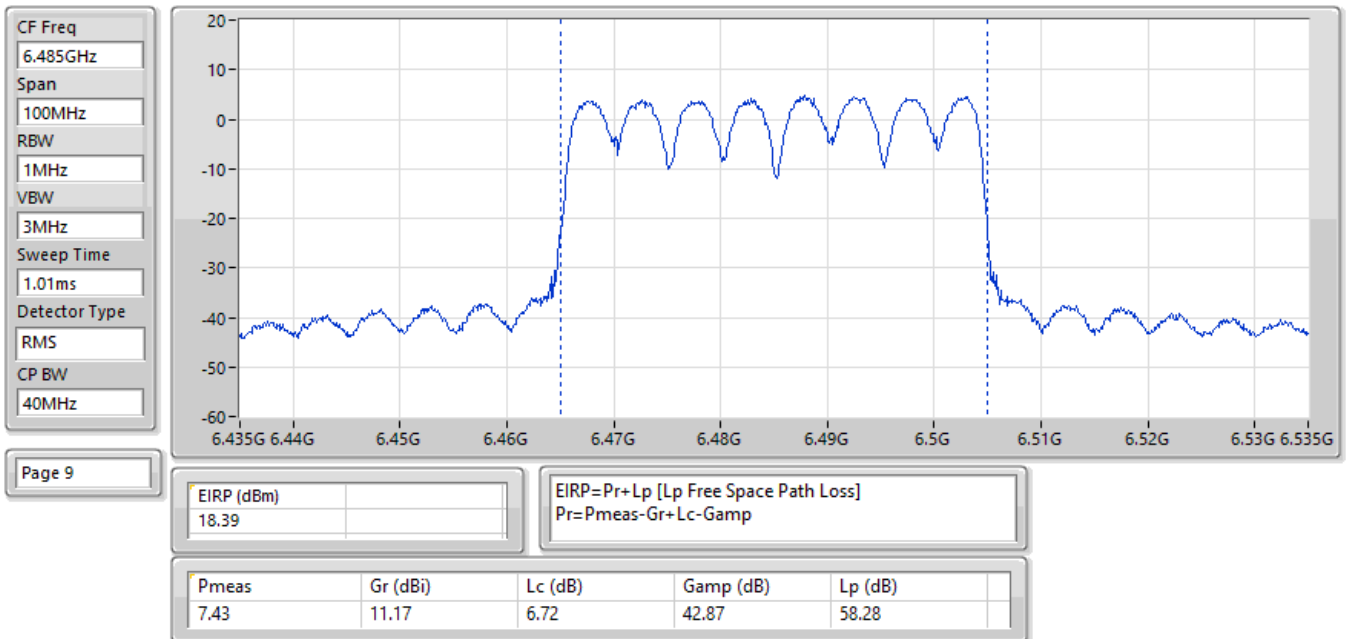
EIRP:Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6405MHz;TX



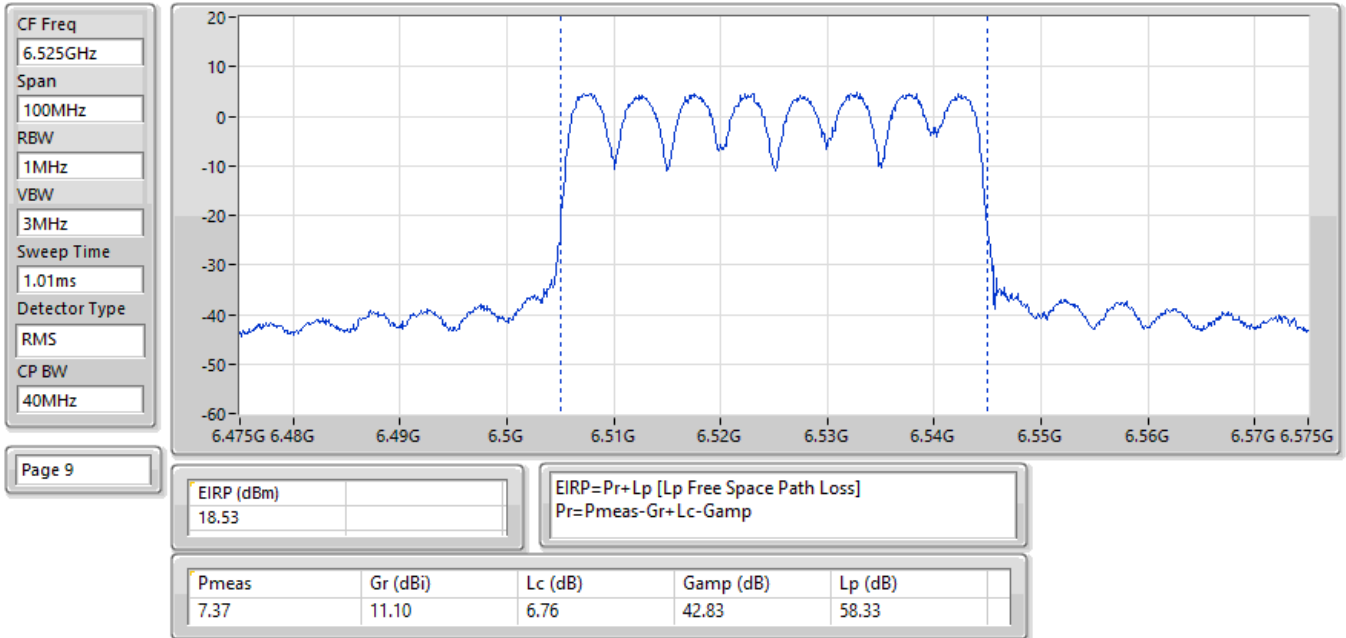
EIRP:Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6445MHz;TX



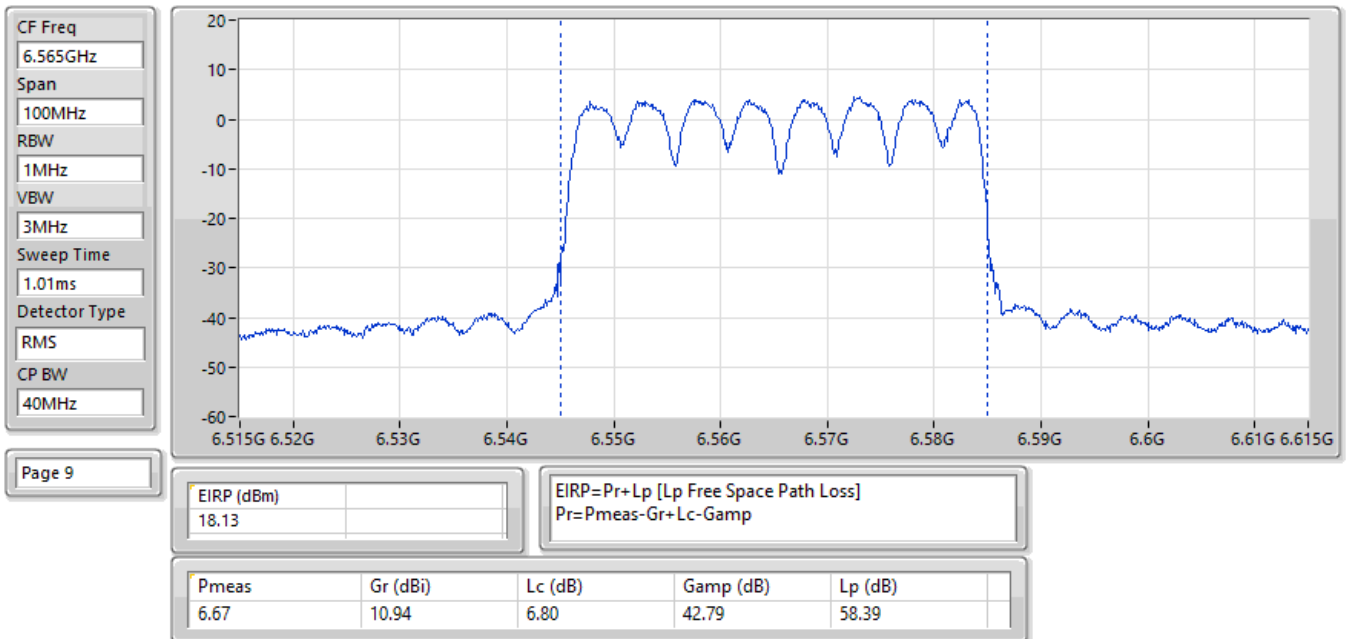
EIRP:Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6485MHz;TX



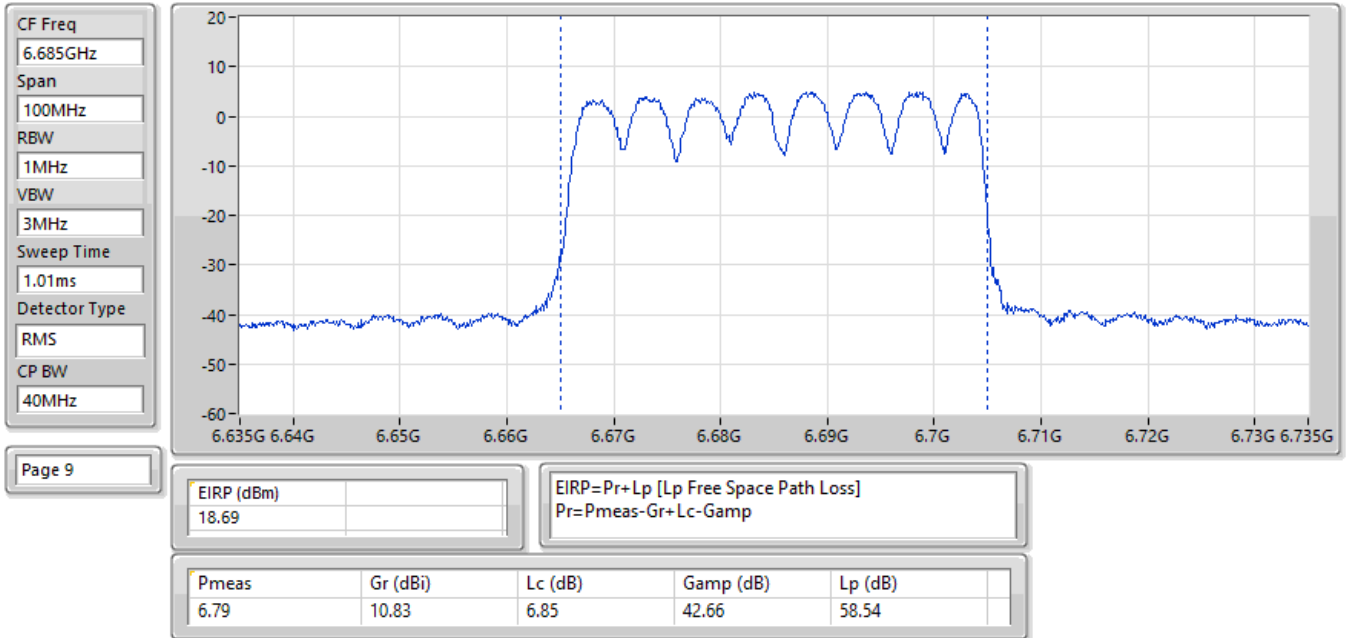
EIRP:Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6525MHz;TX



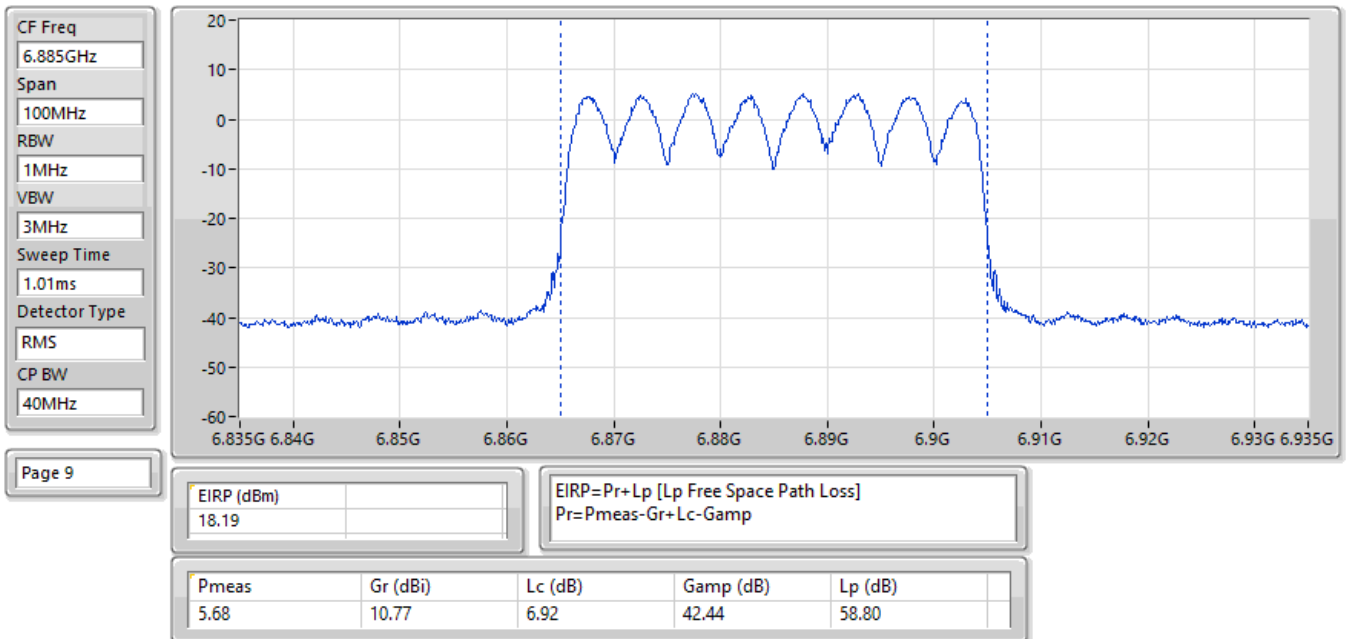
EIRP:Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6565MHz;TX



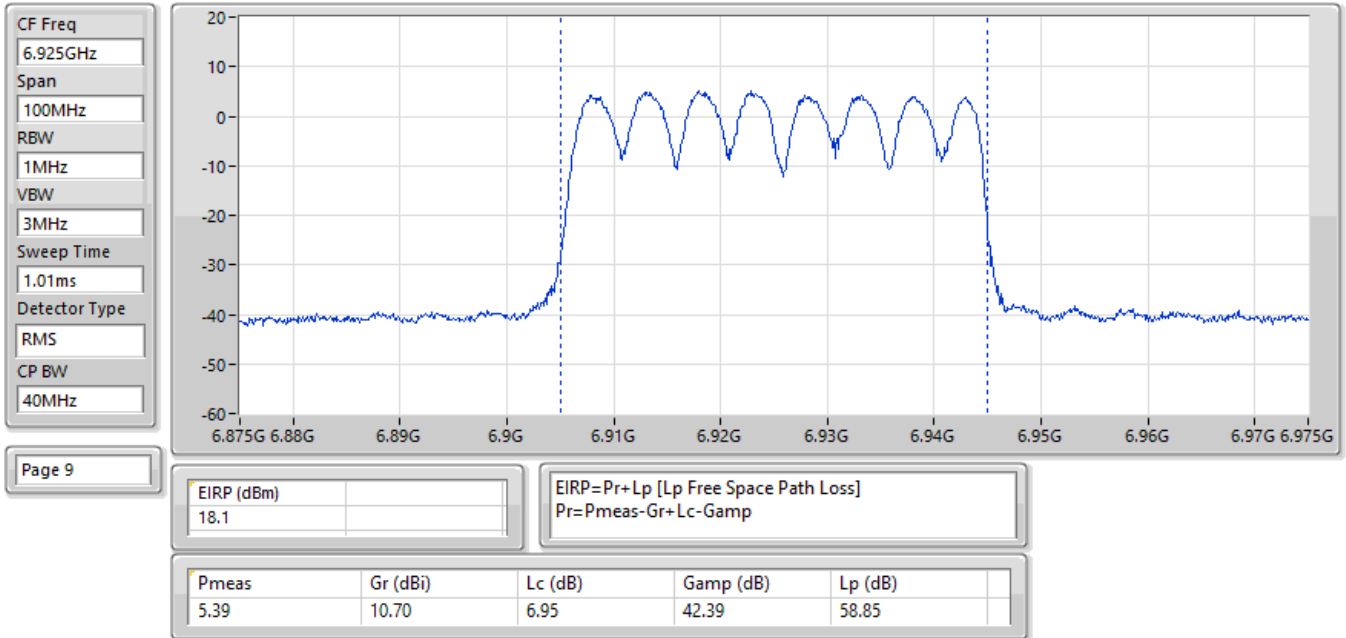
EIRP:Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6685MHz;TX



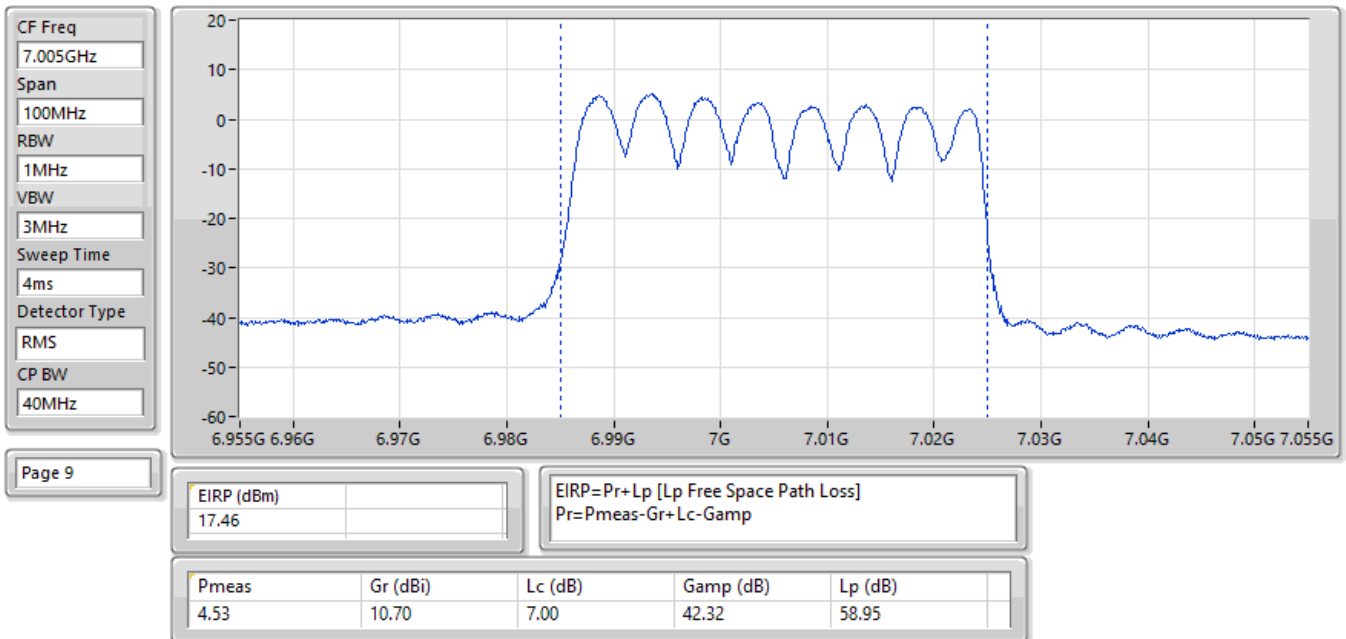
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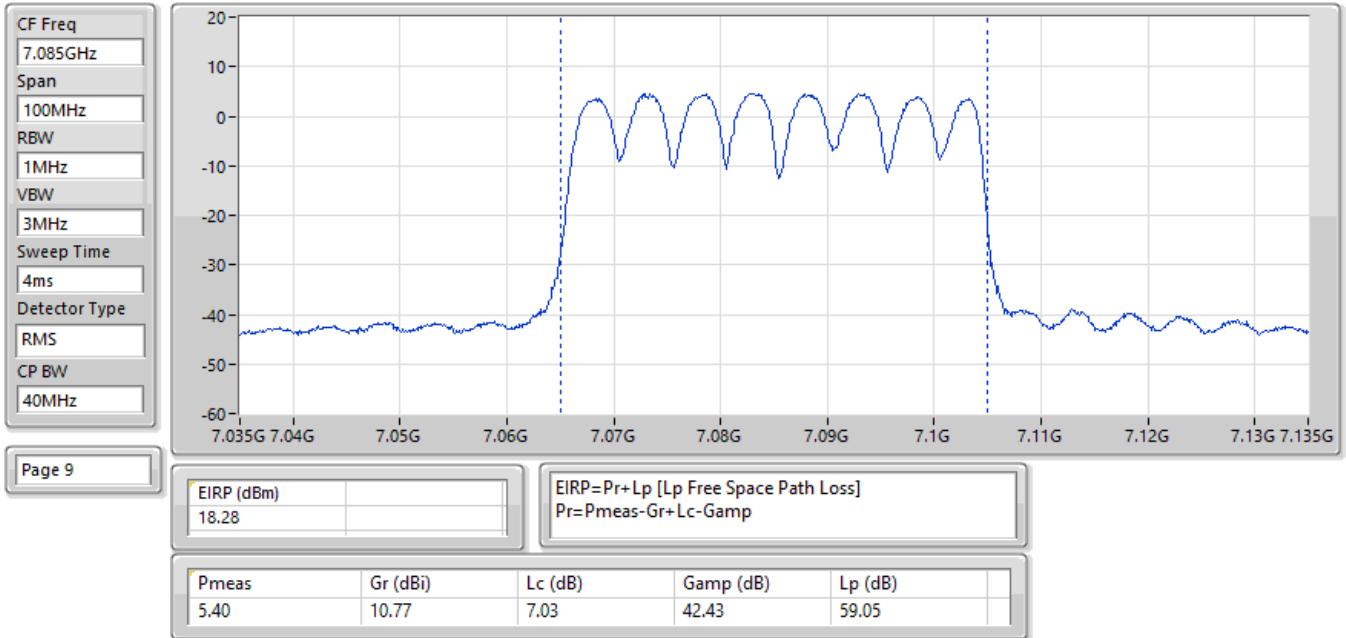
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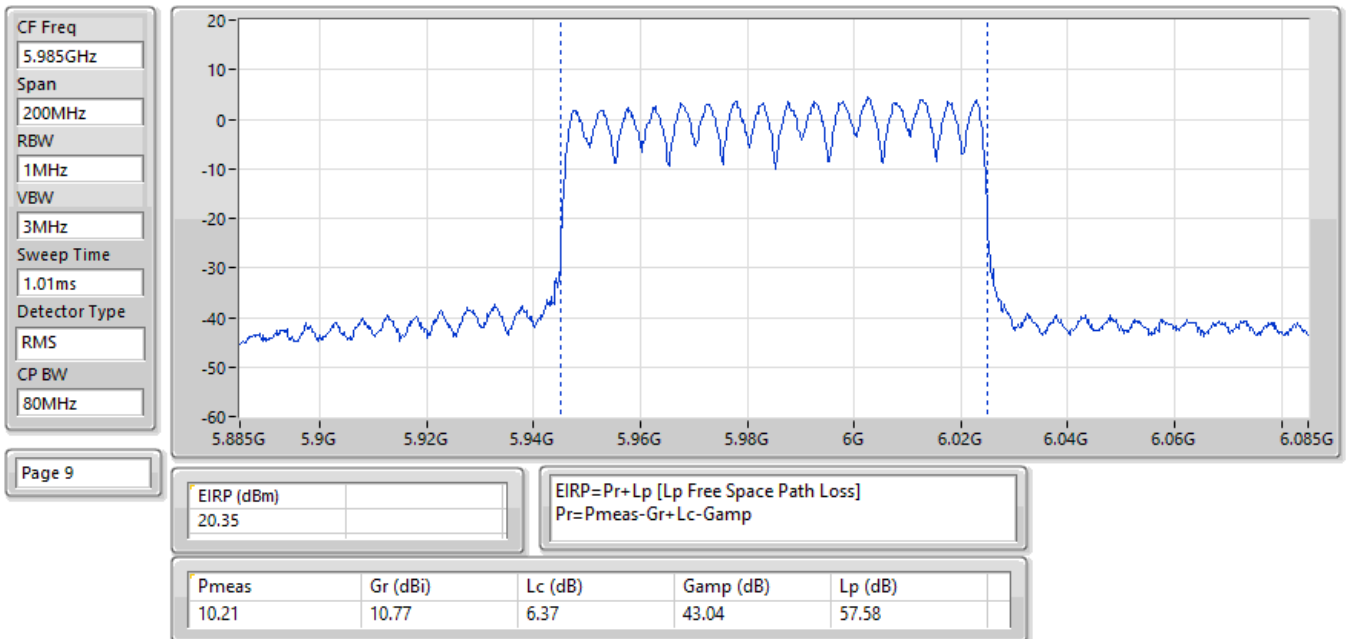
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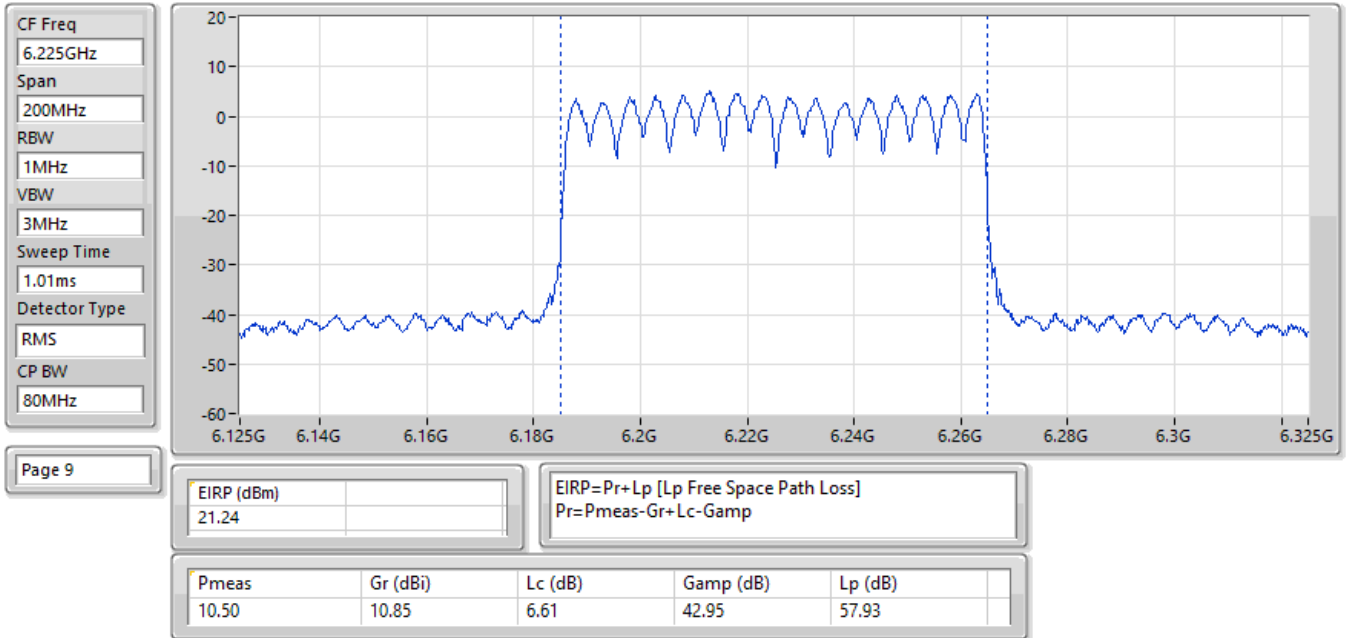
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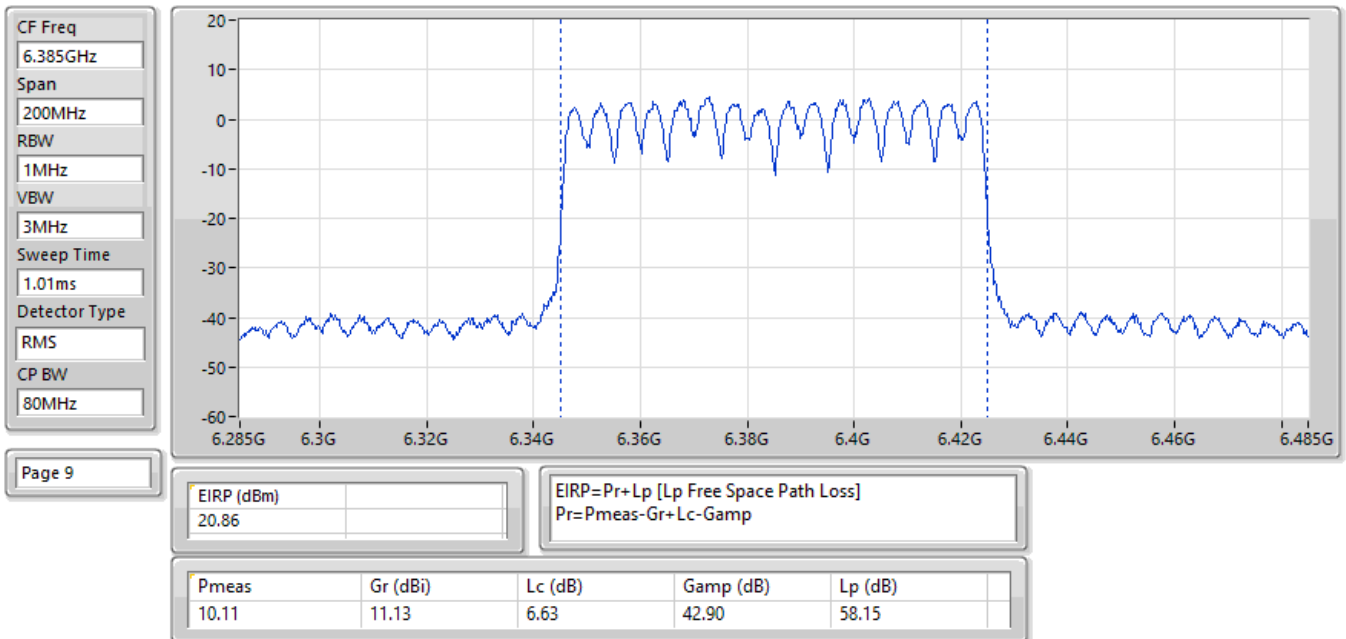
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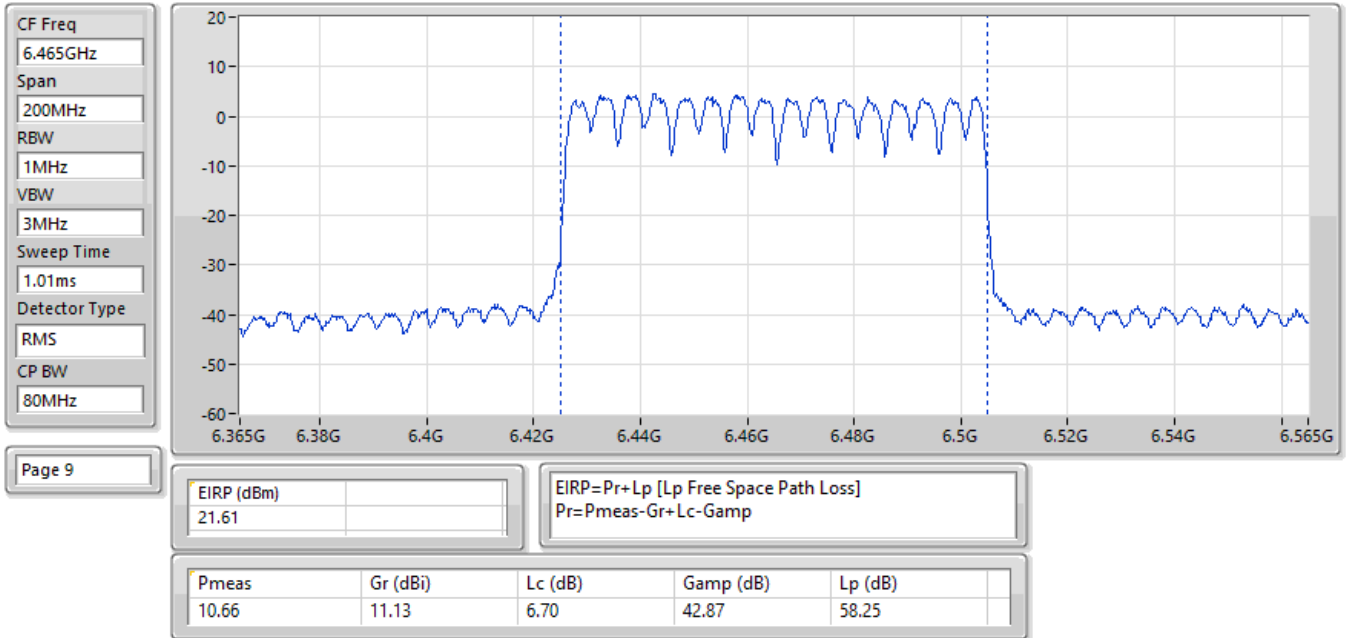
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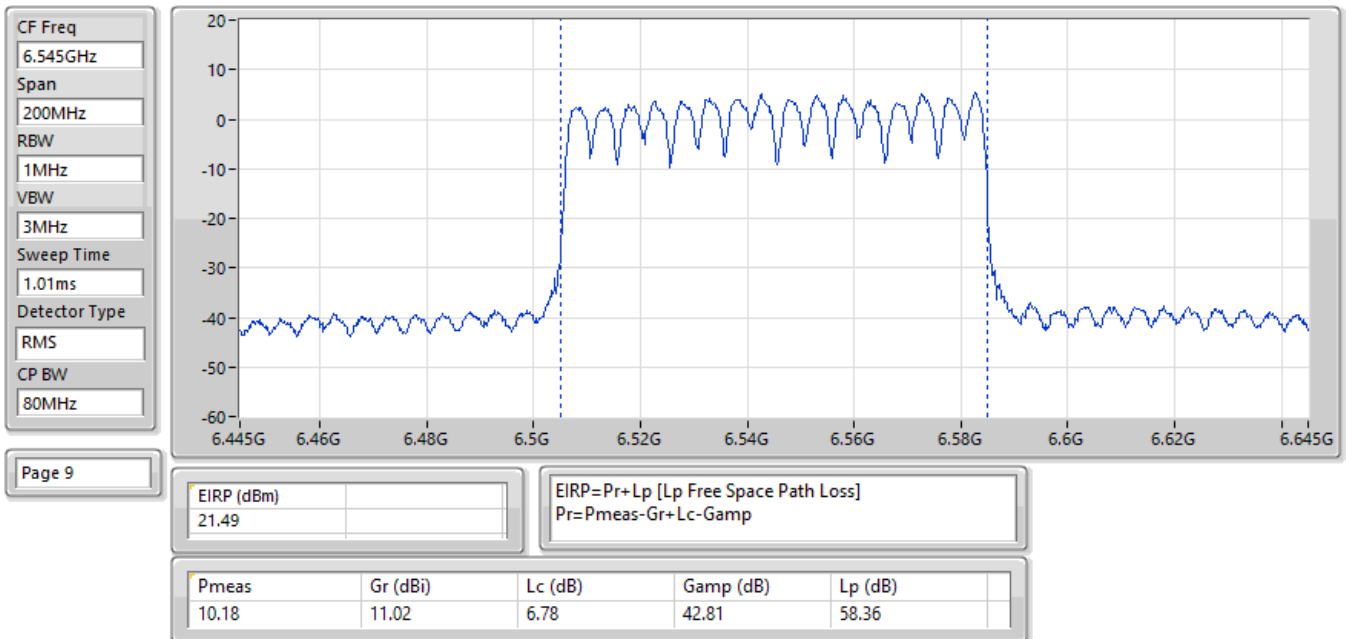
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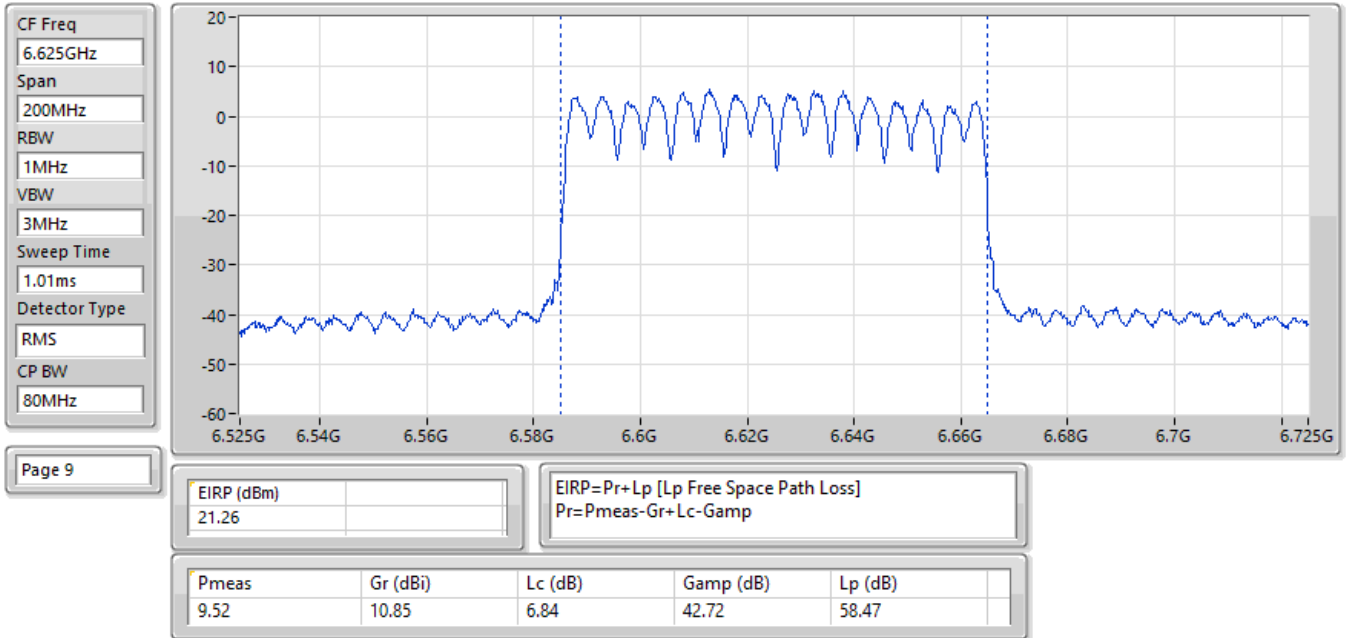
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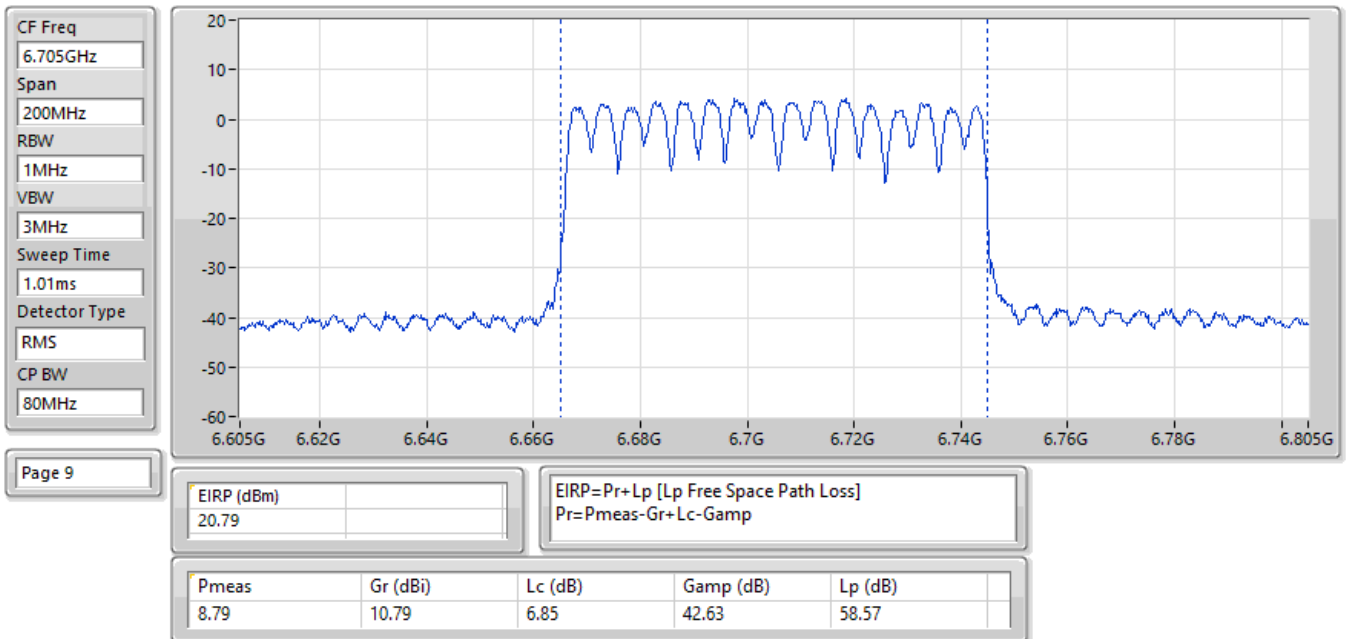
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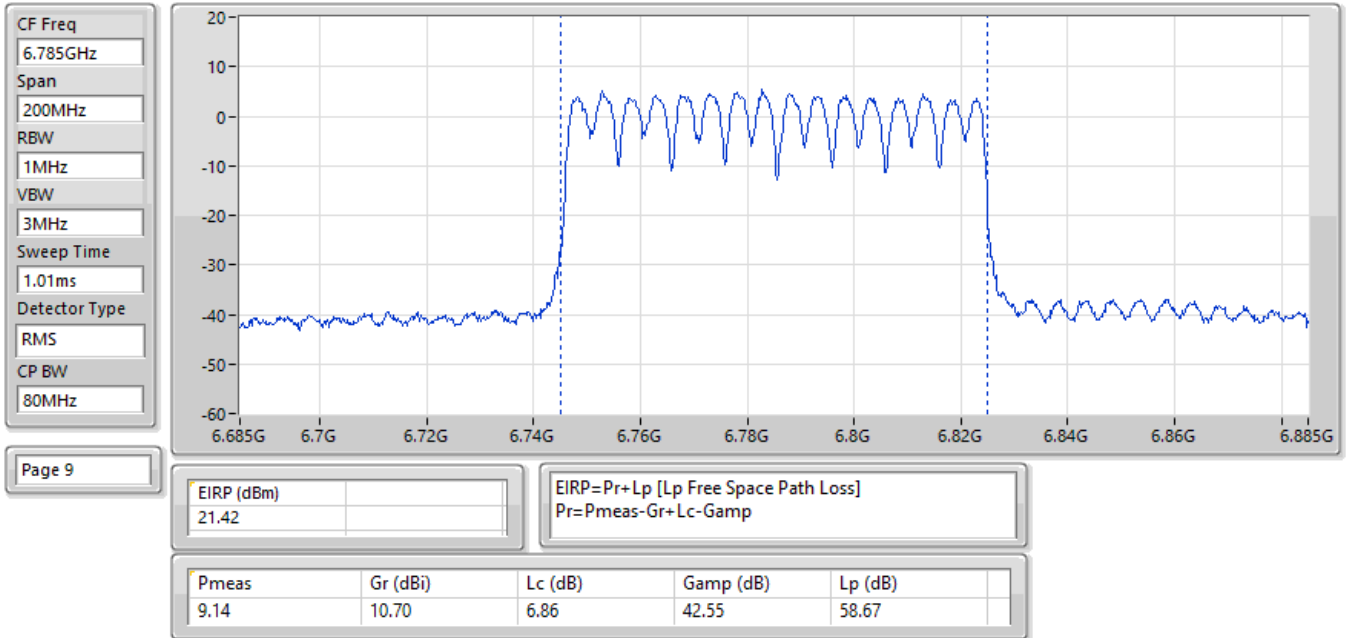
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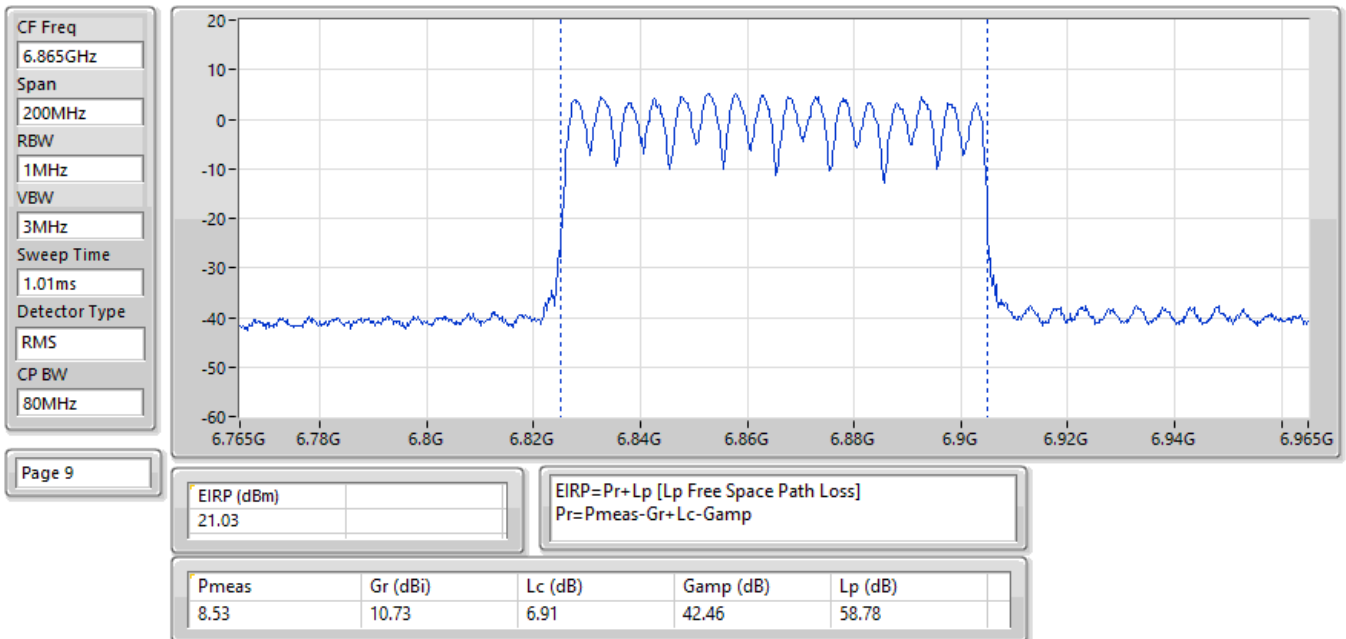
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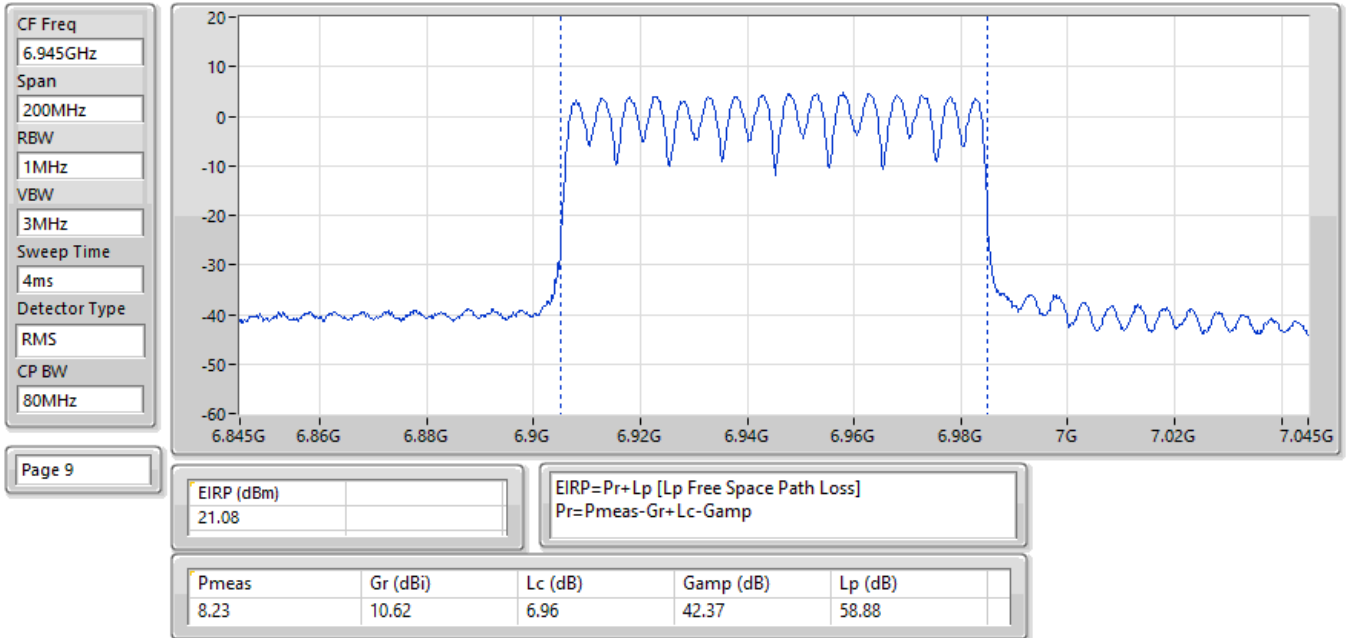
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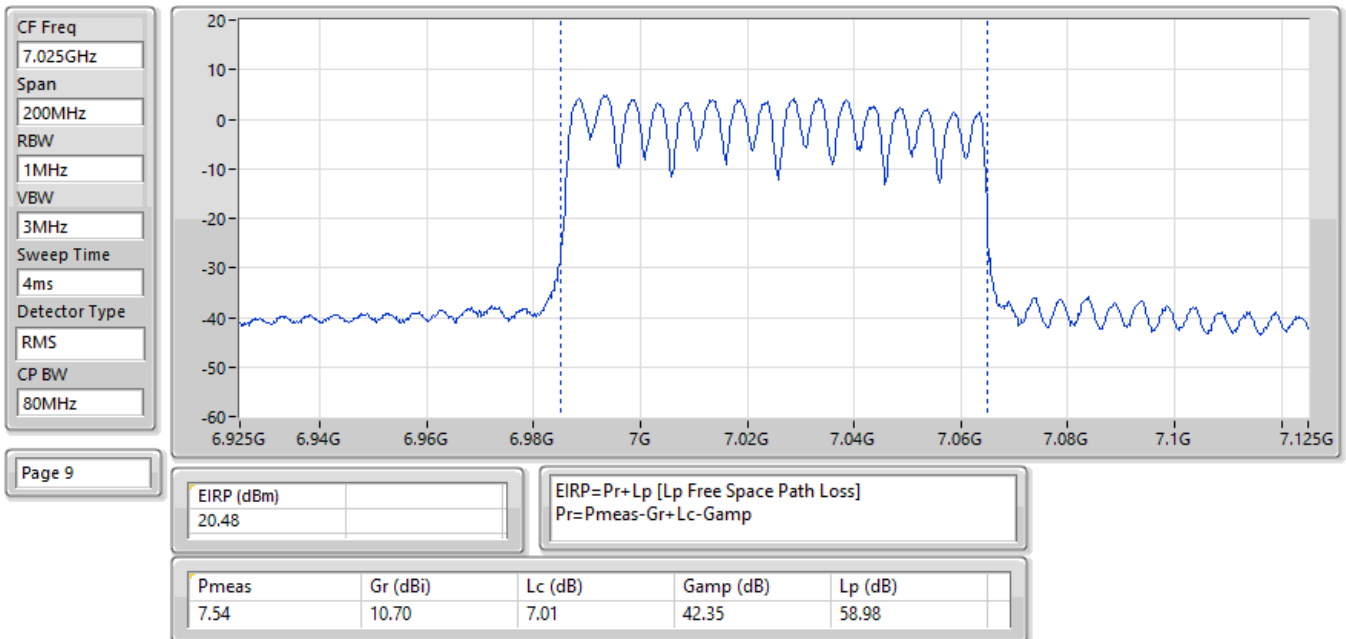
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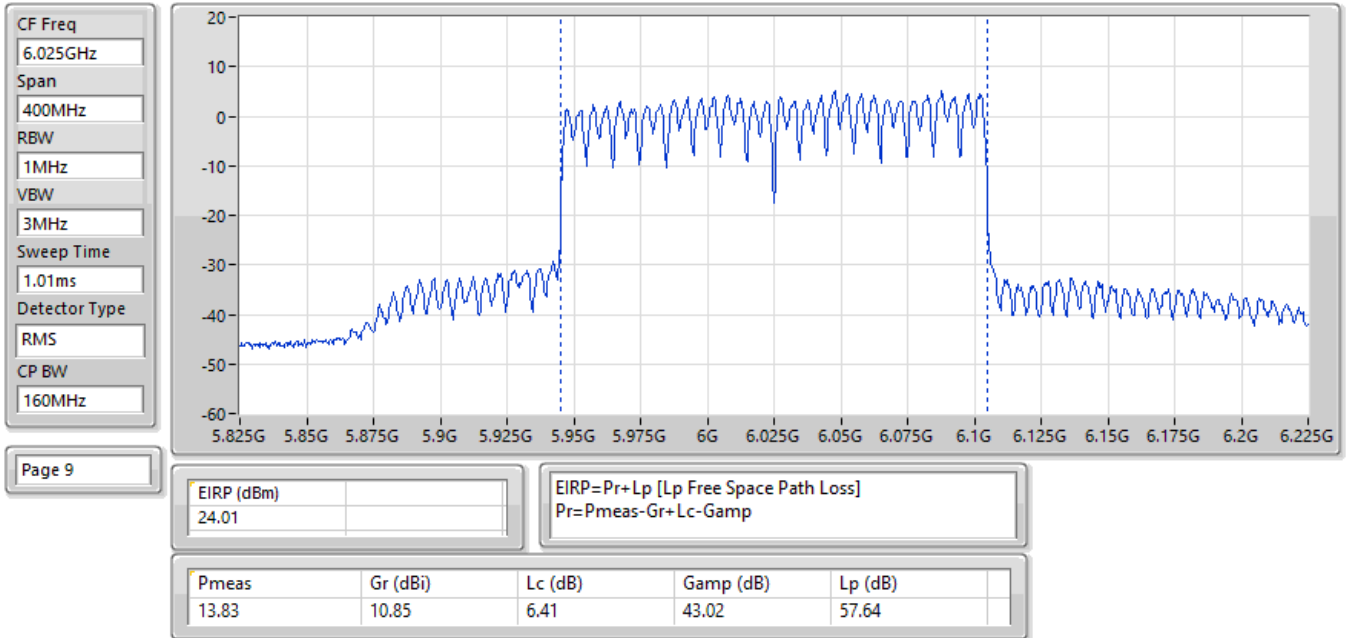
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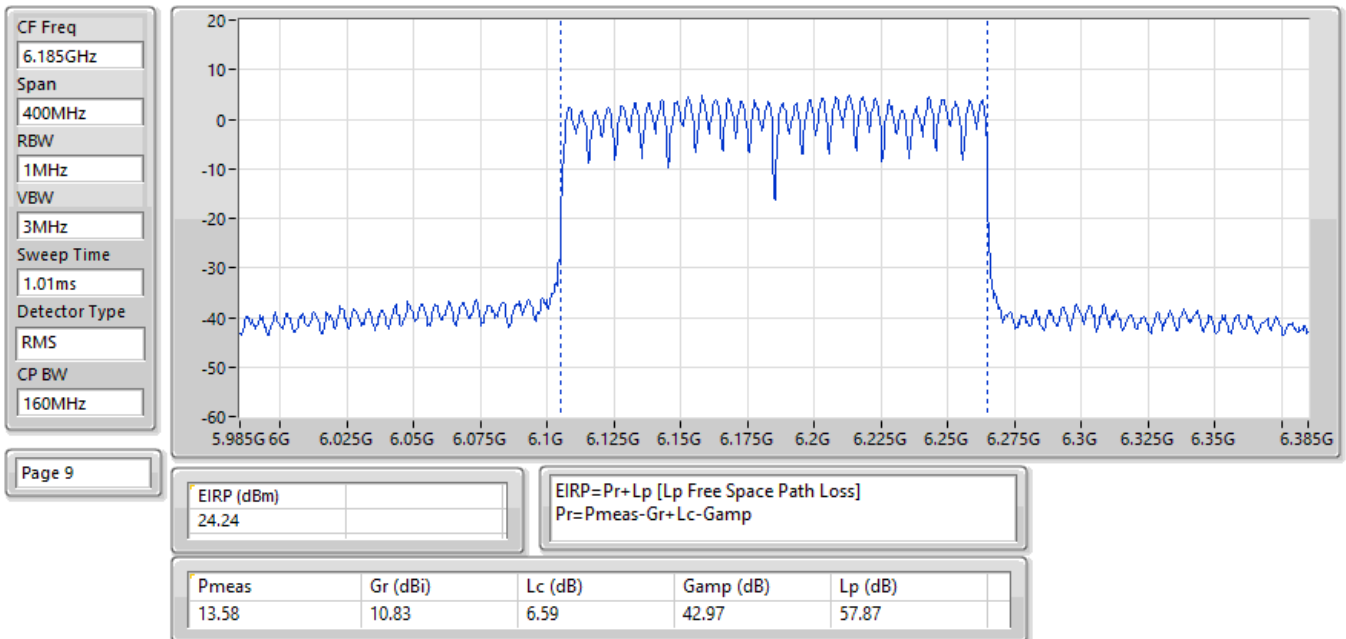
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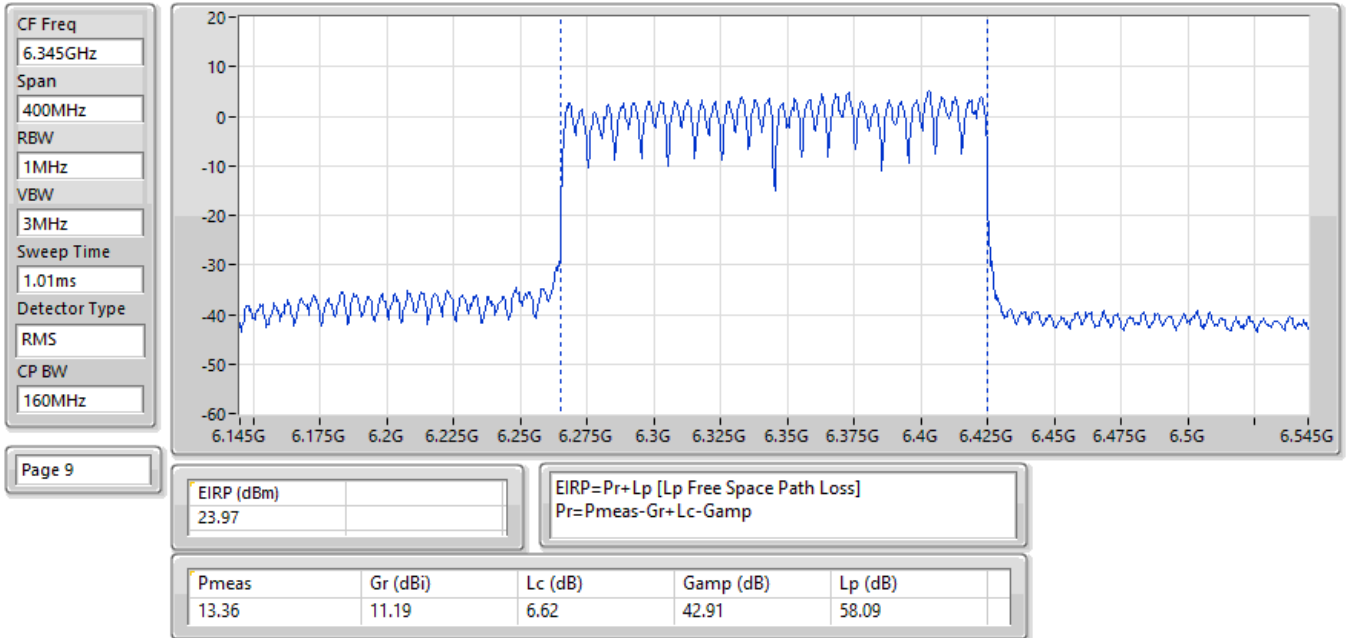
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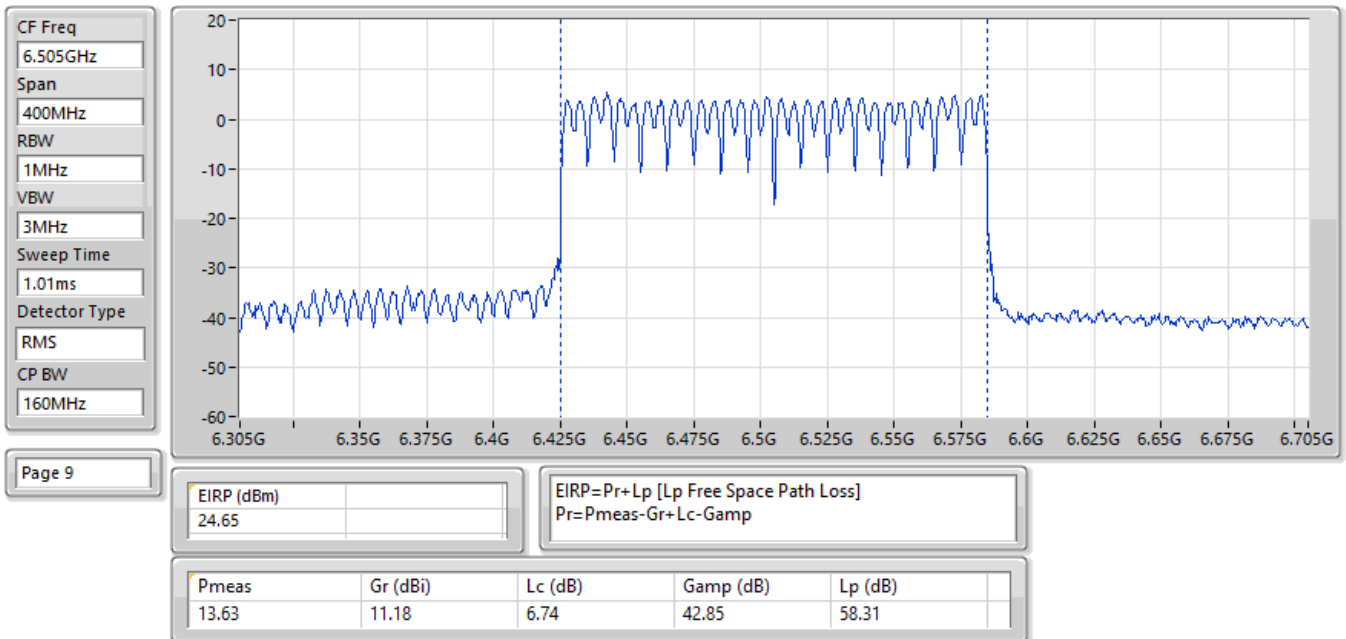
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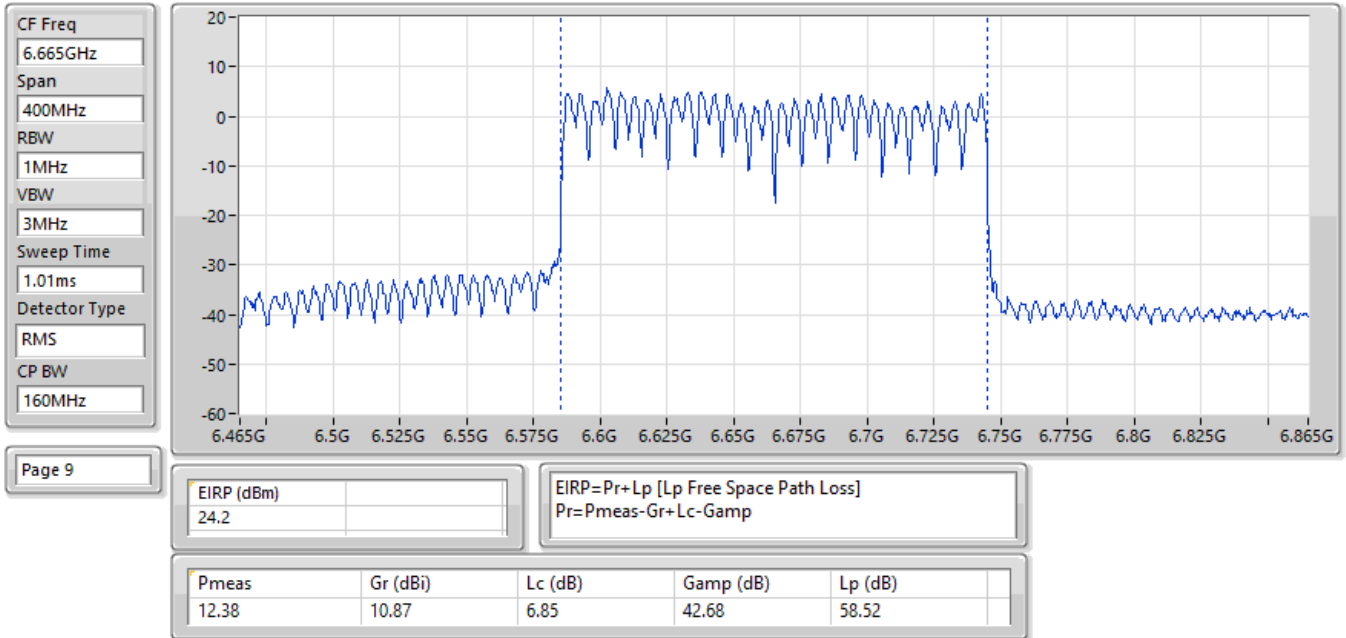
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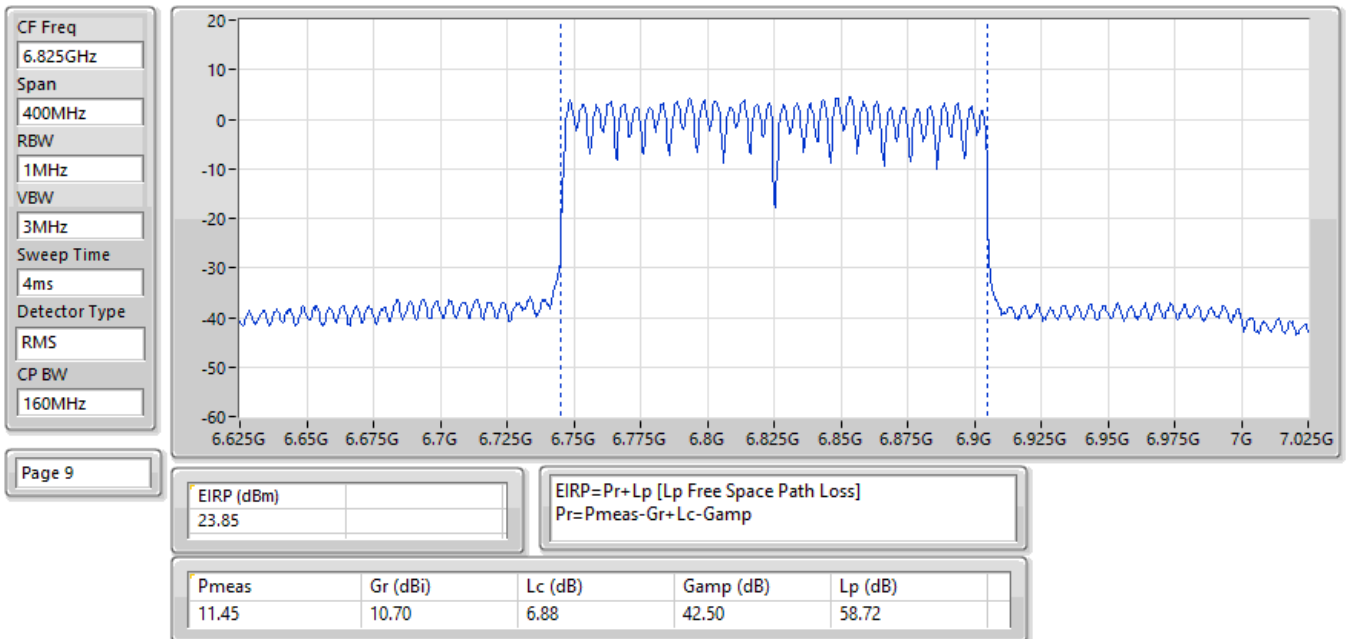
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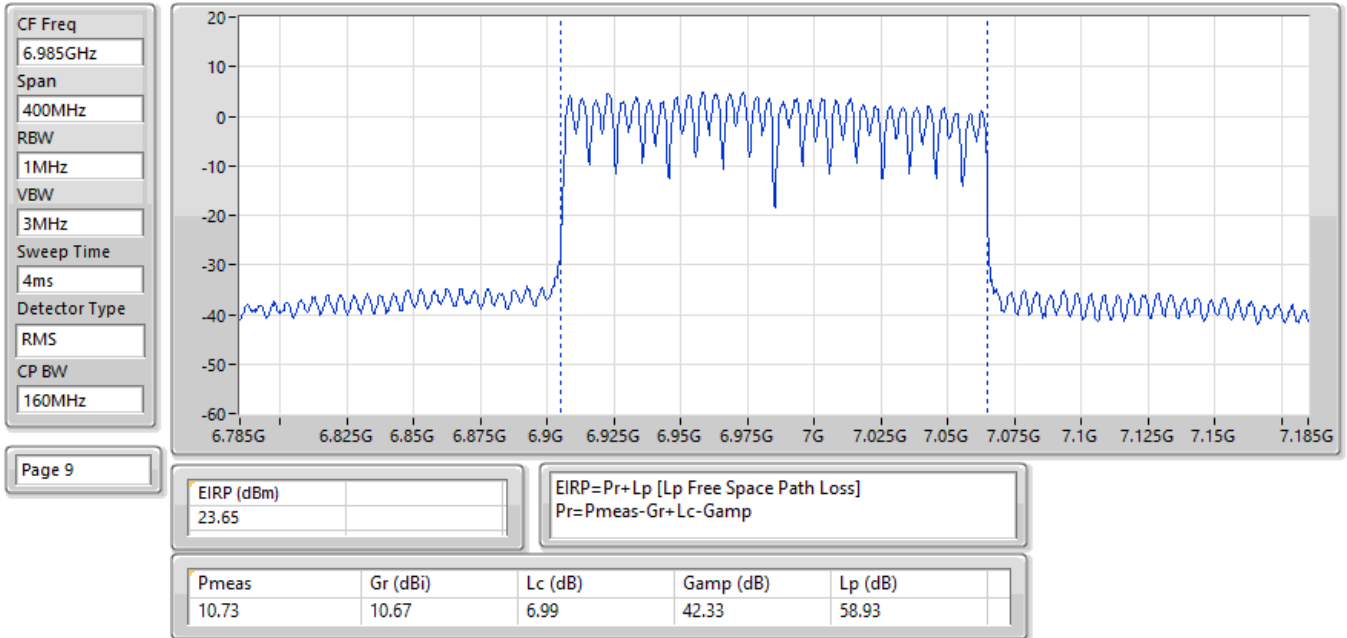
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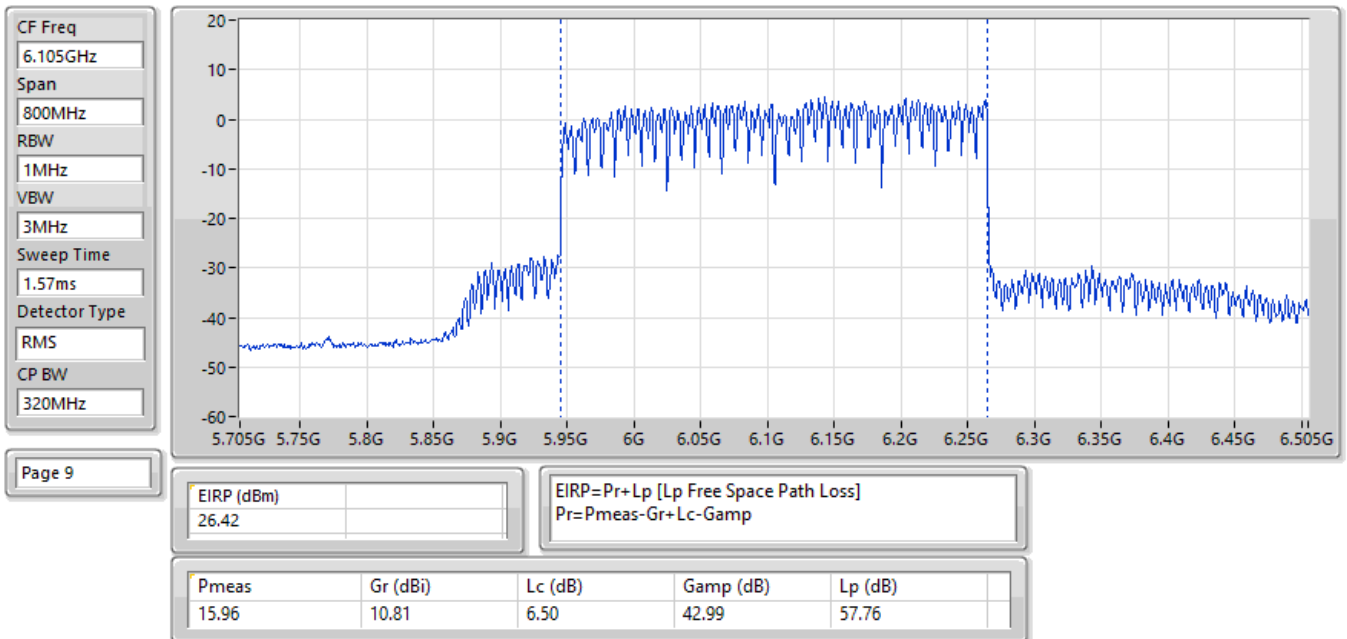
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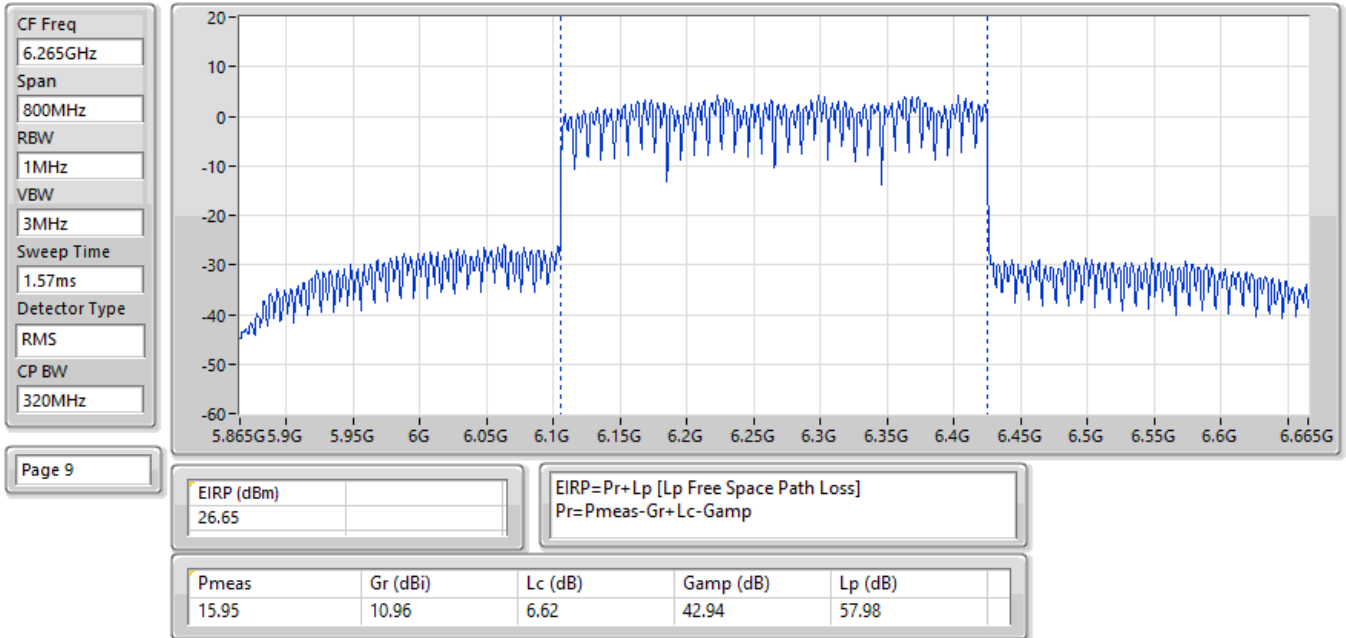
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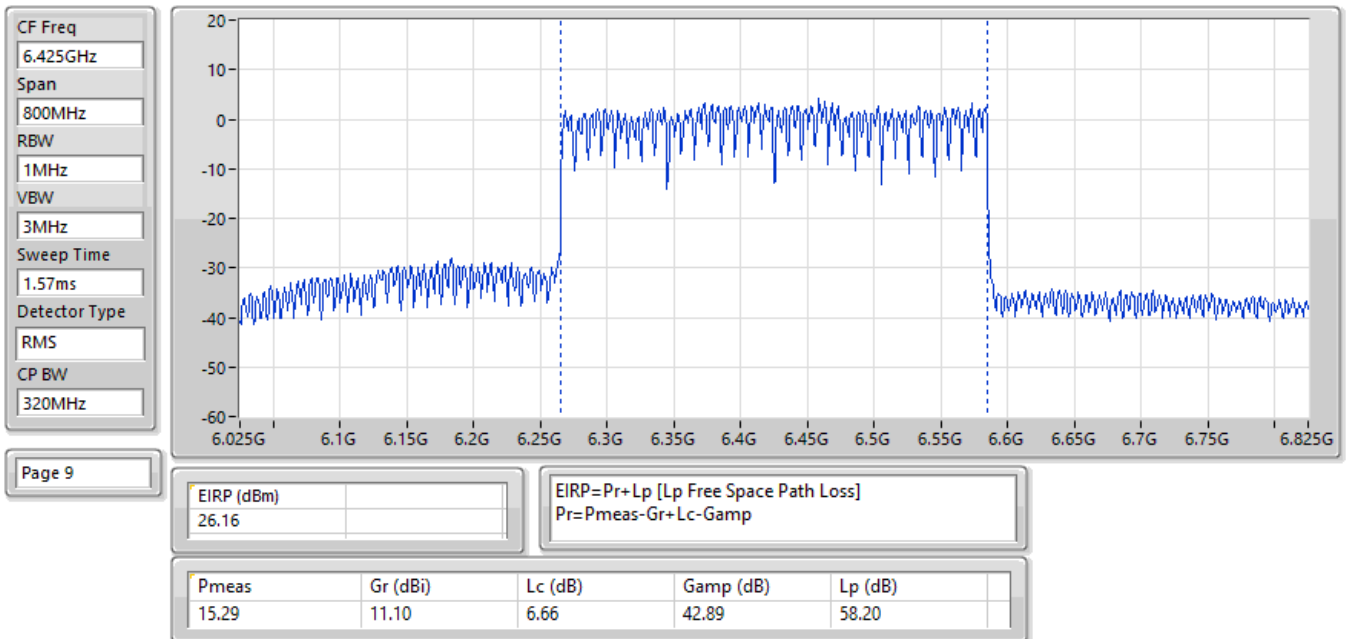
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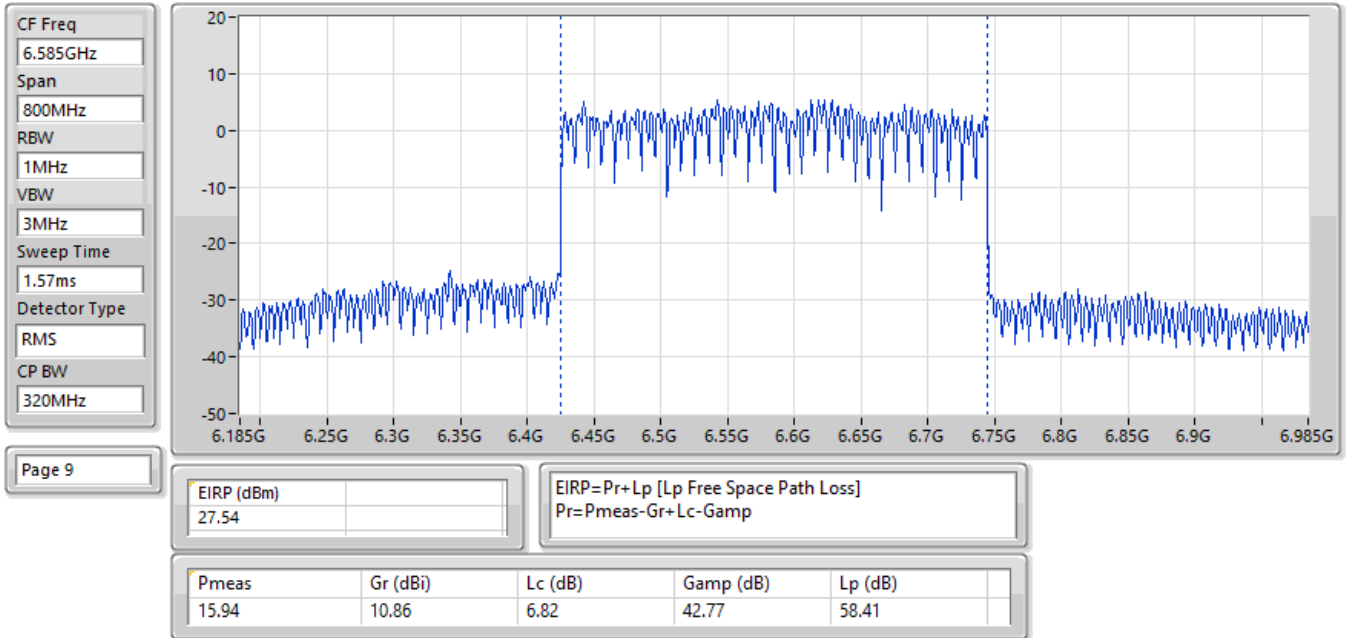
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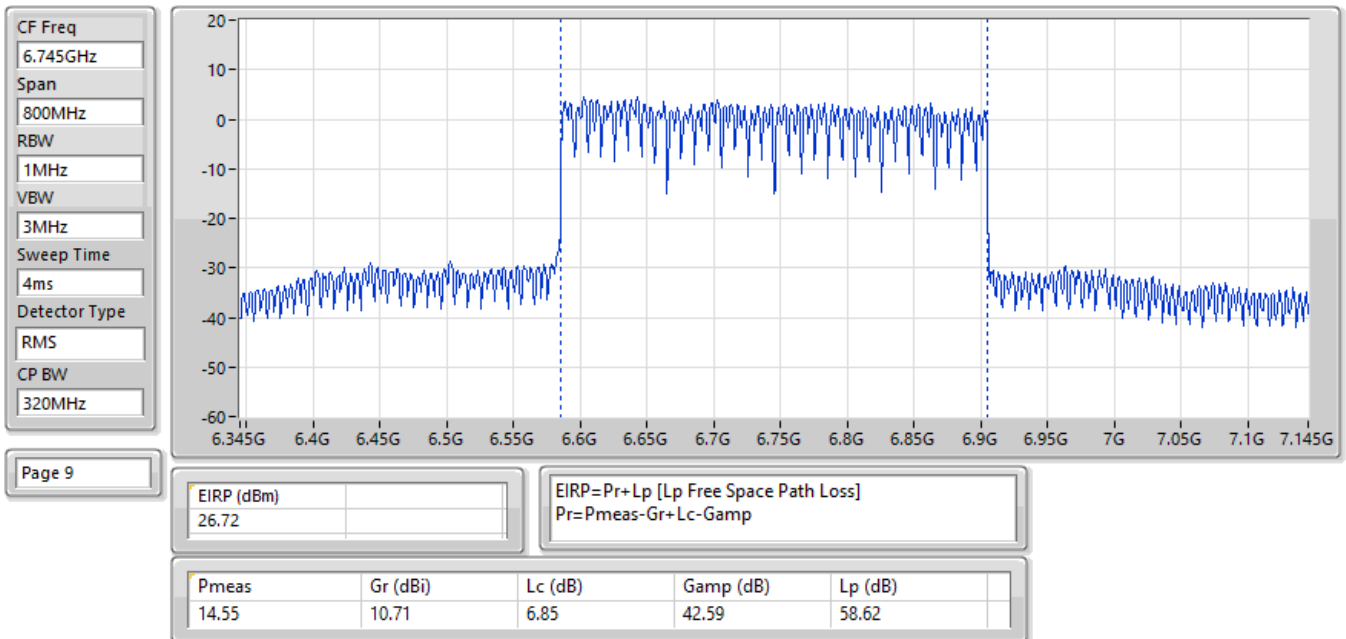
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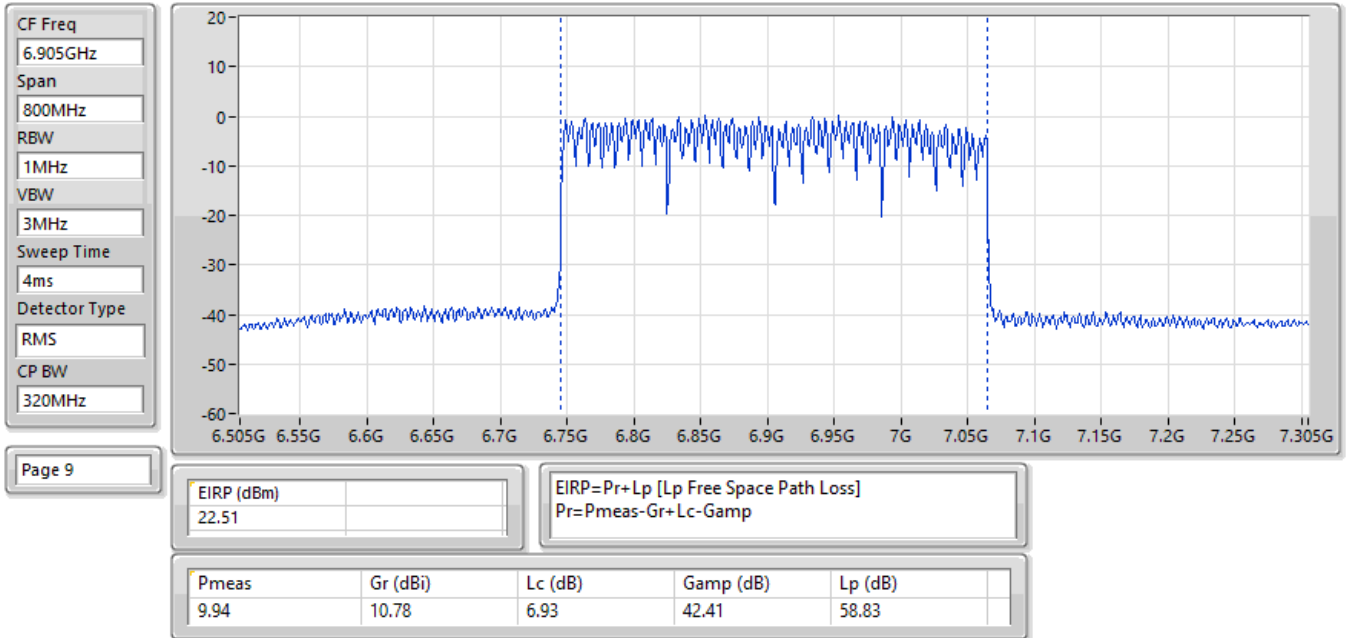
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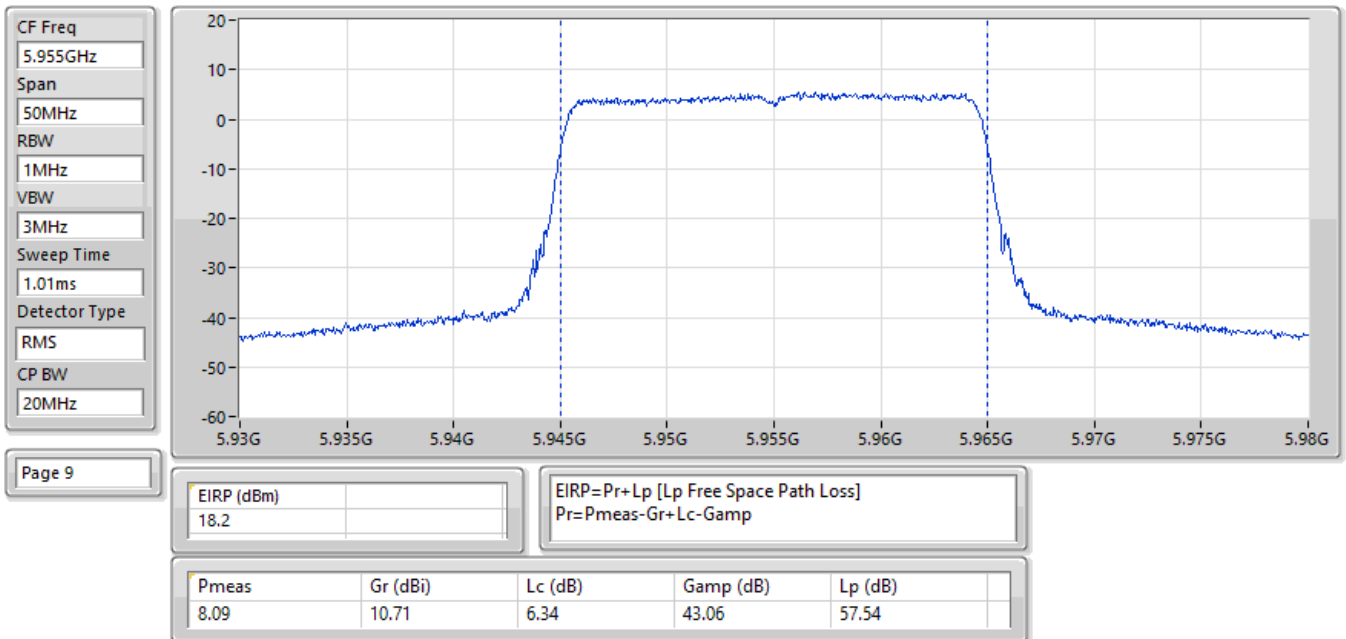
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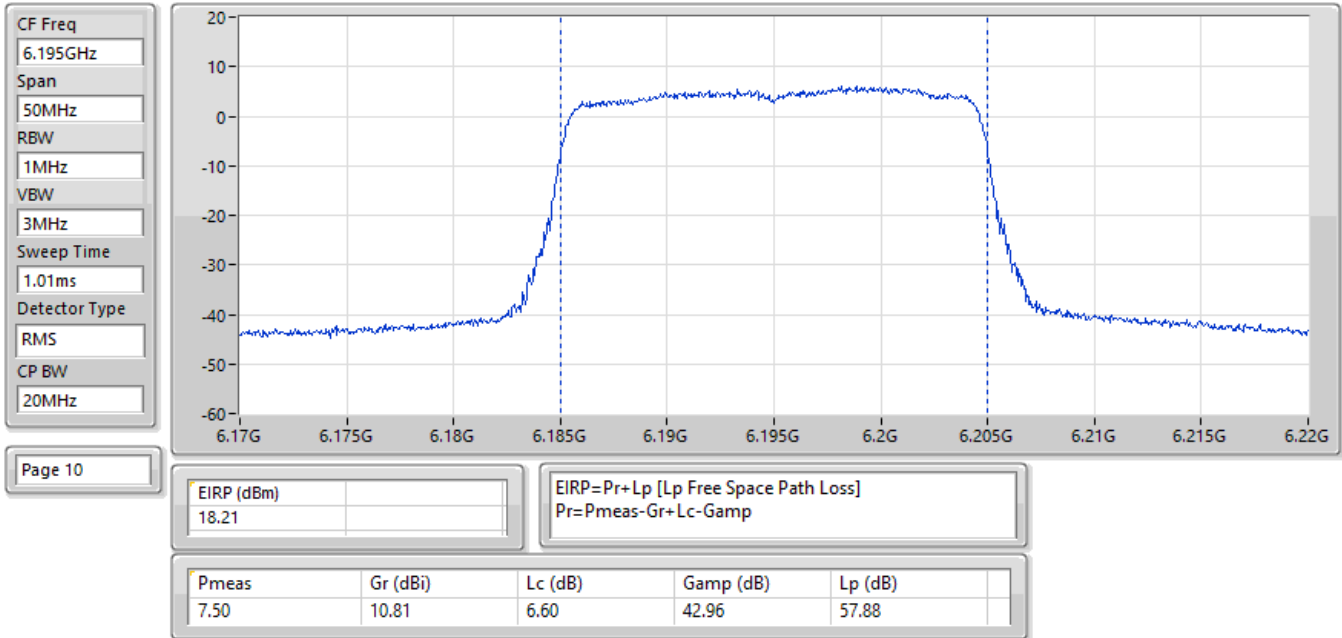
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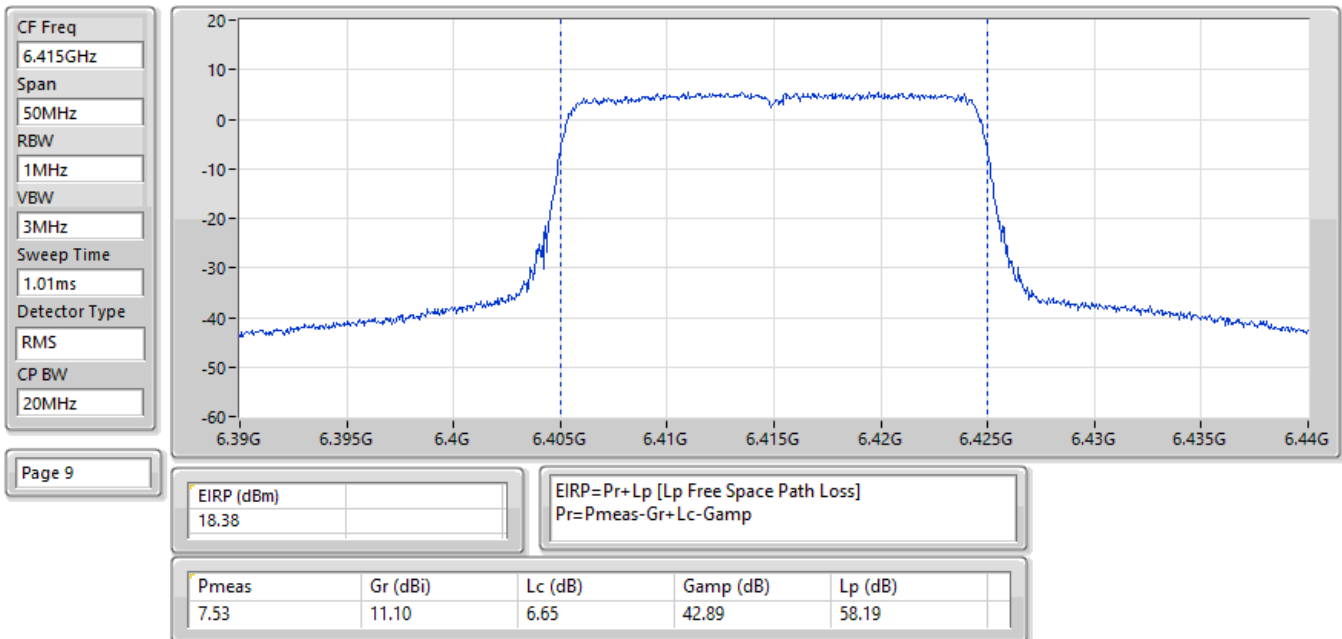
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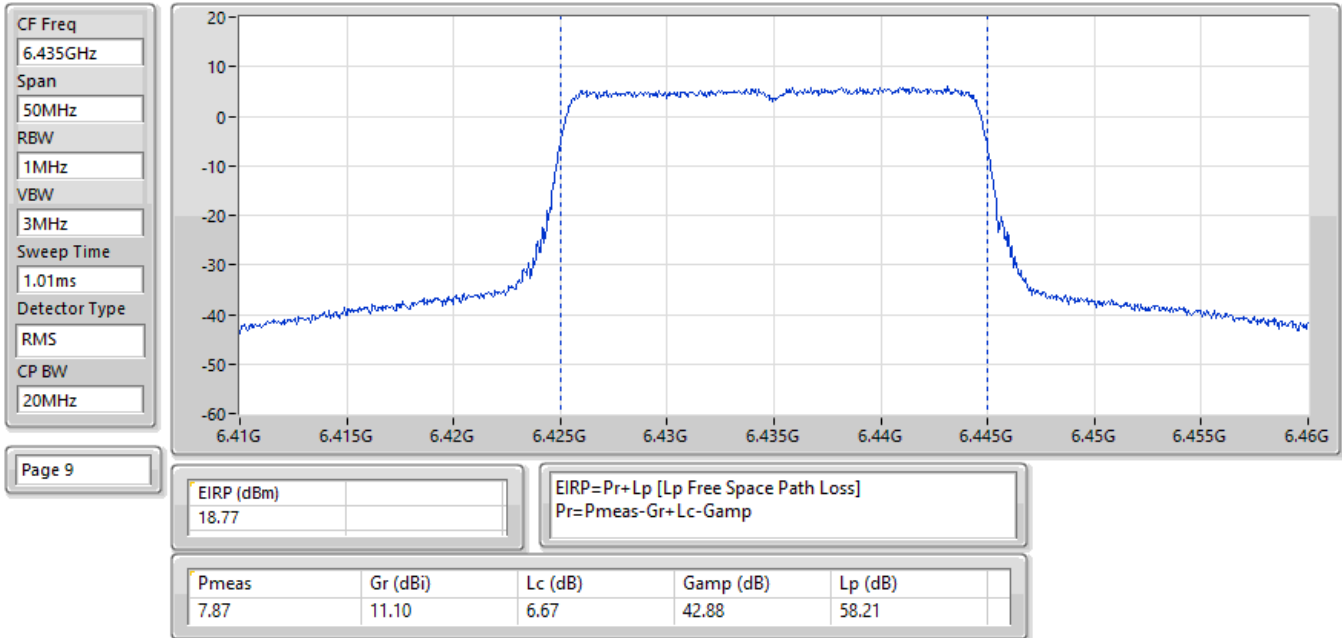
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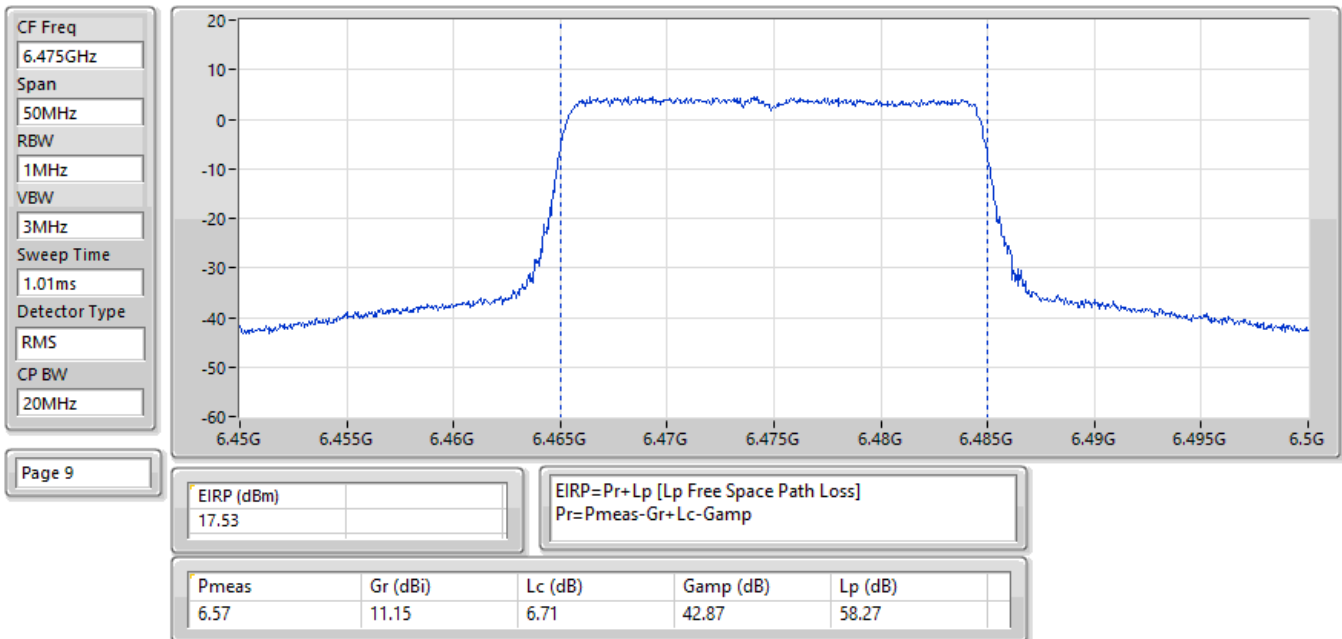
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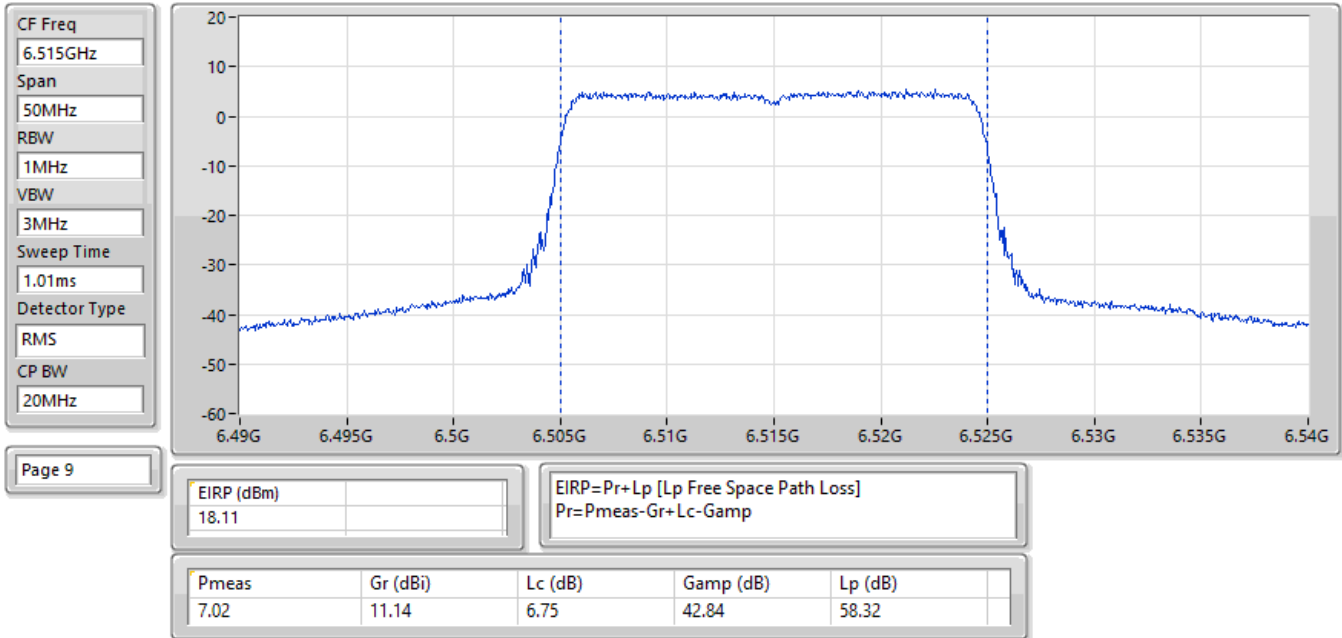
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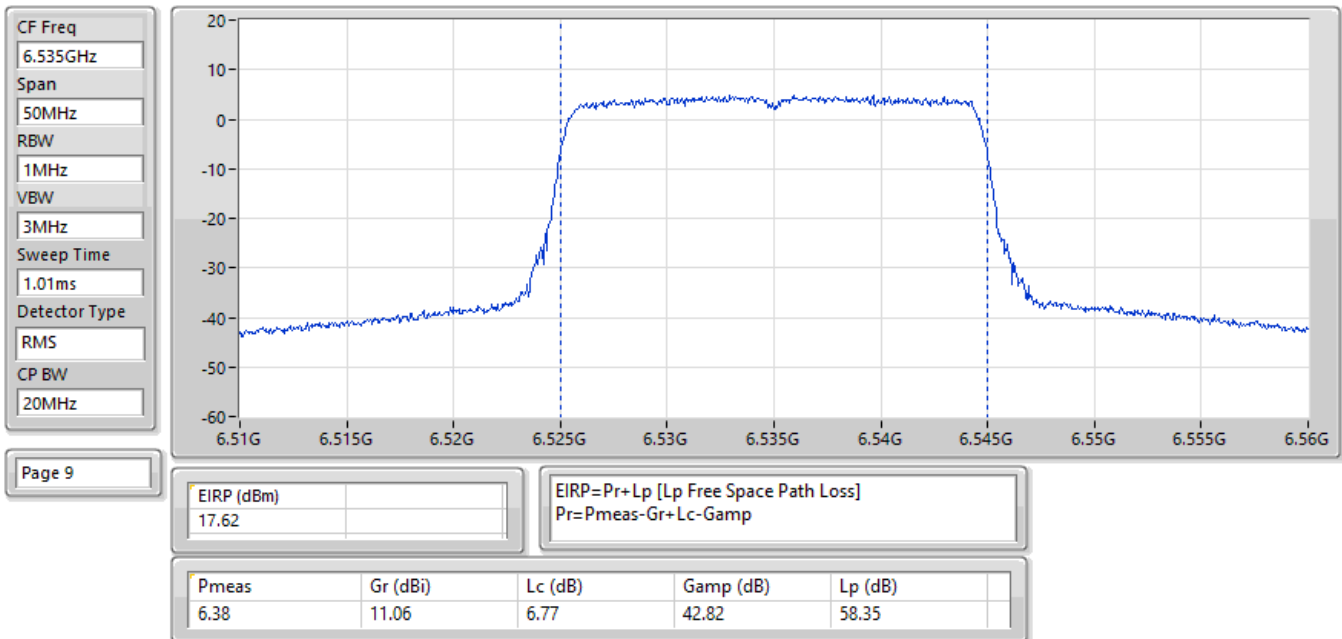
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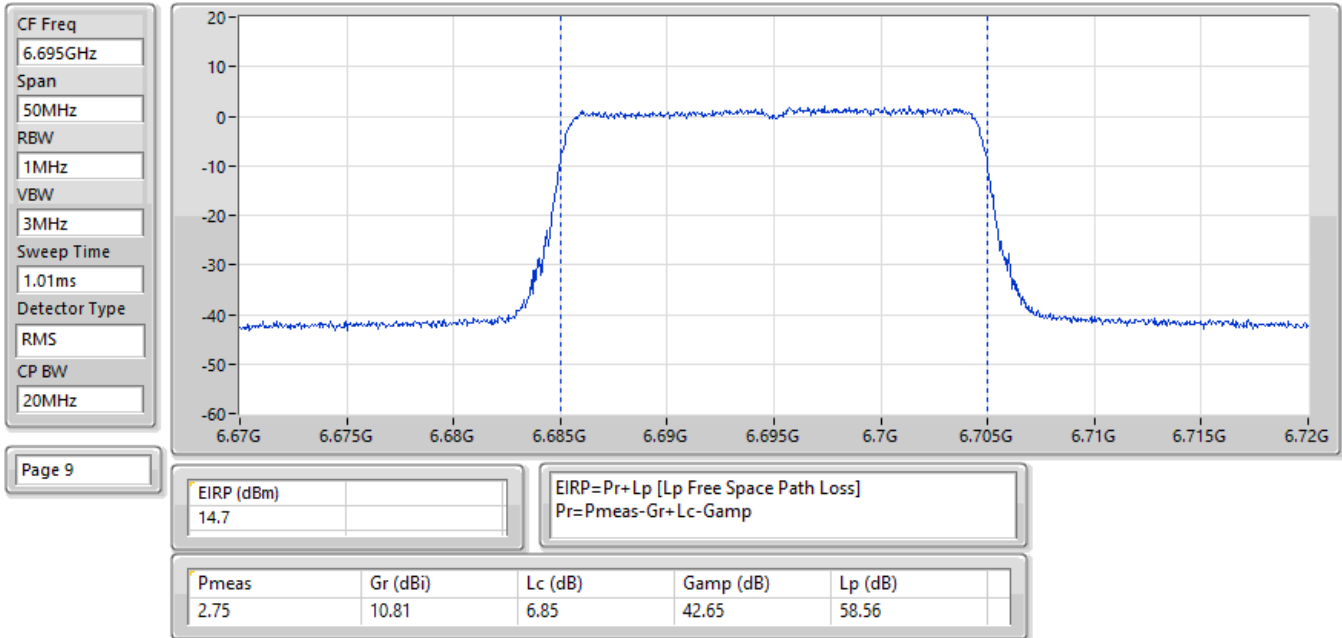
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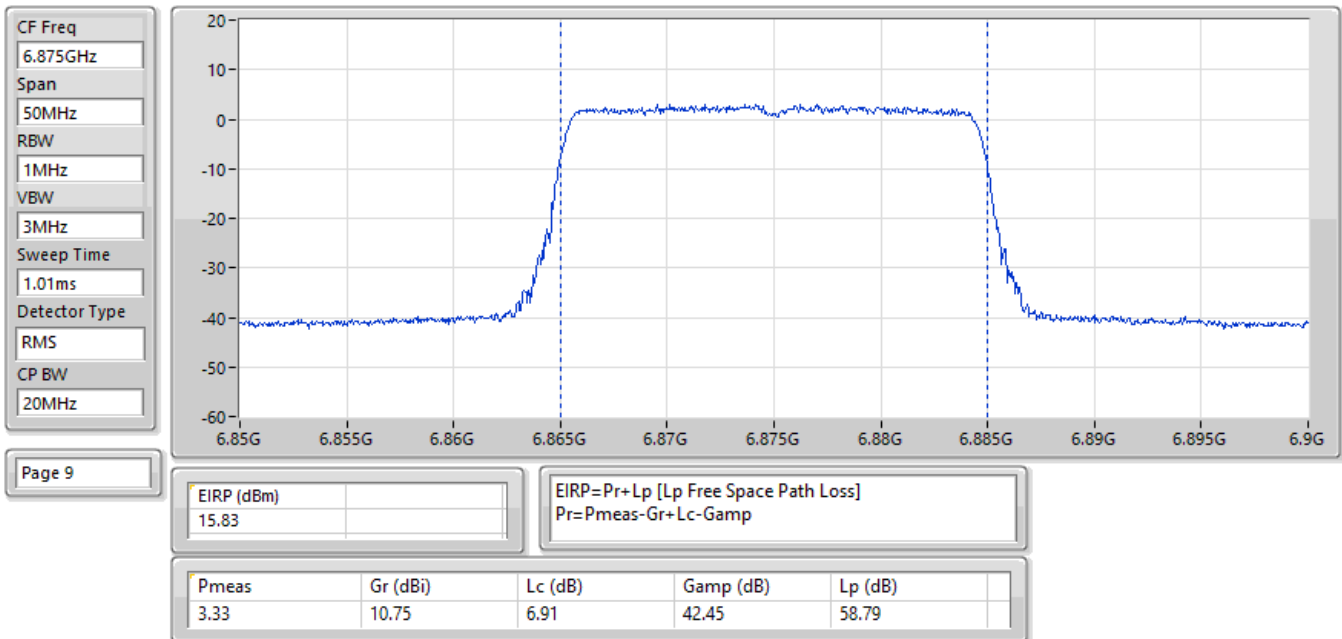
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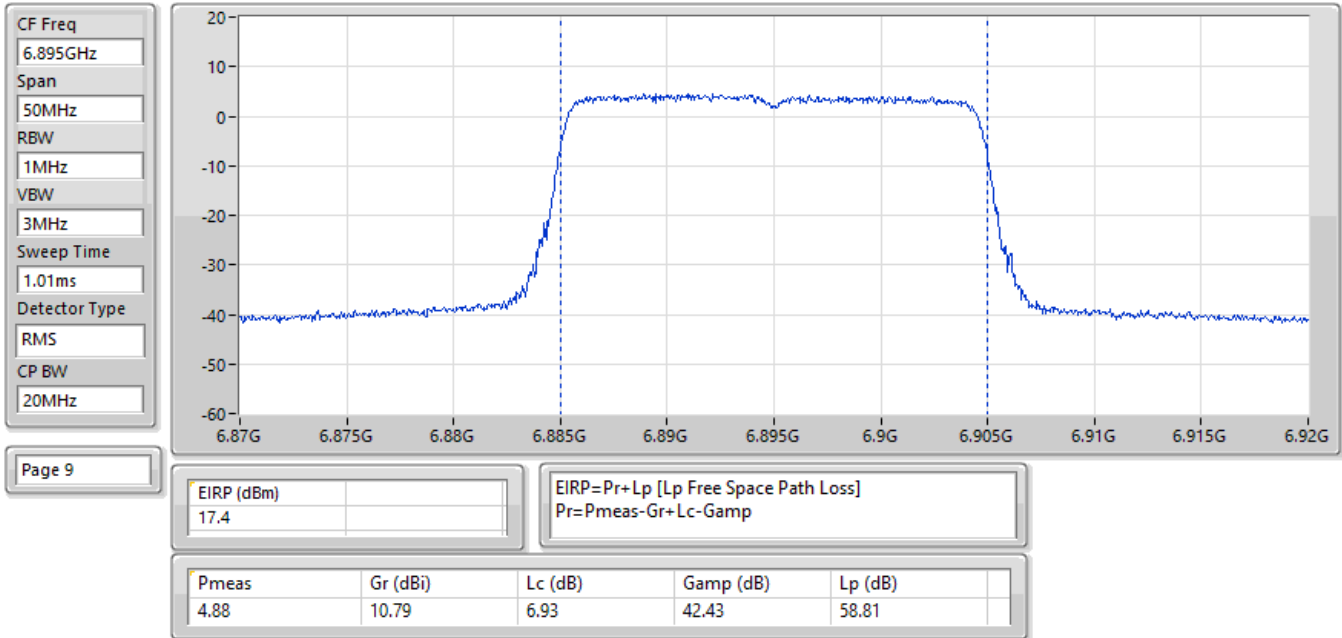
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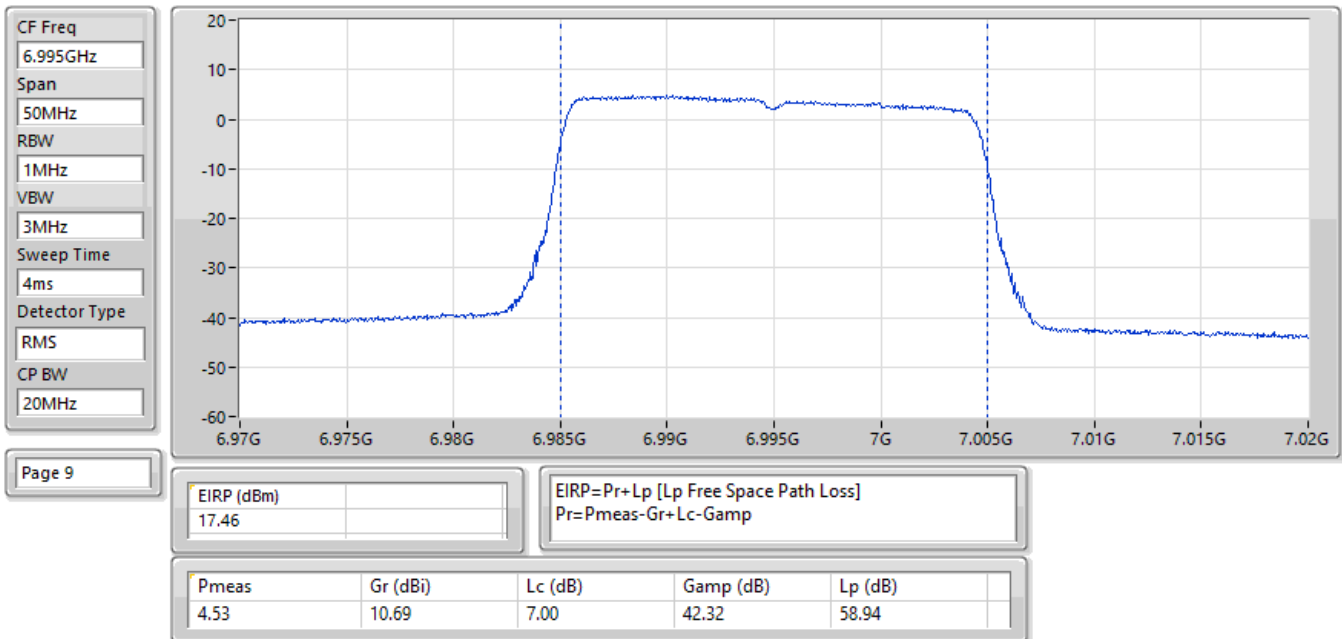
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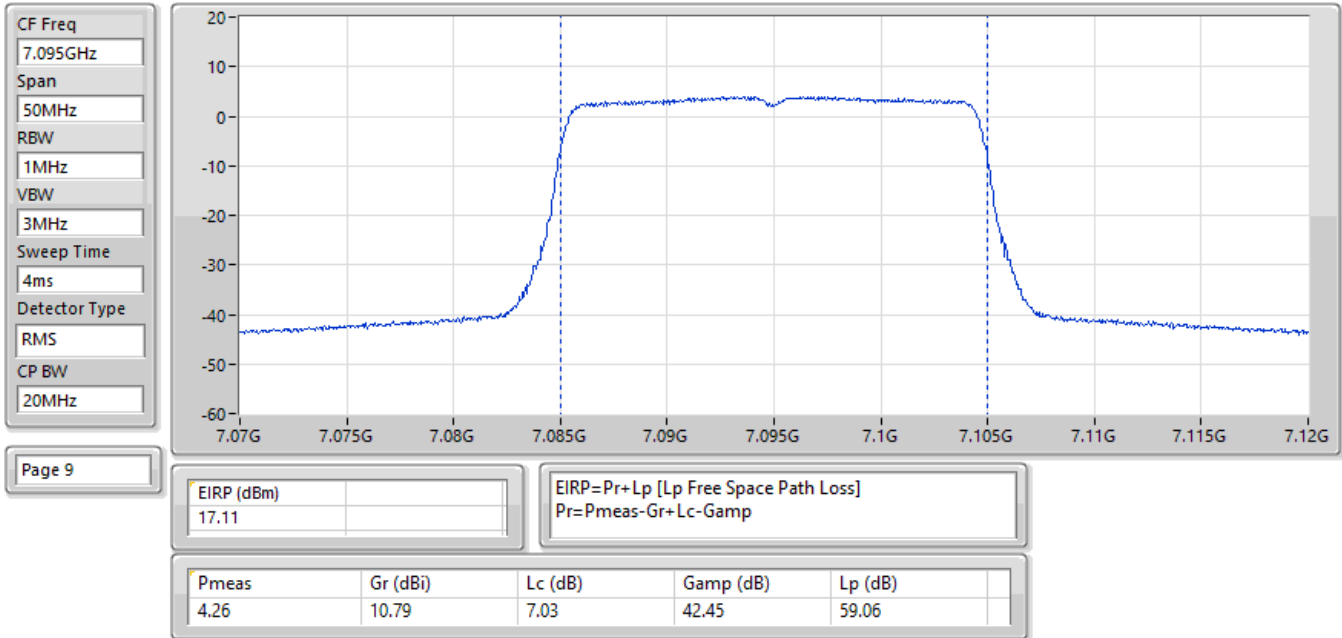
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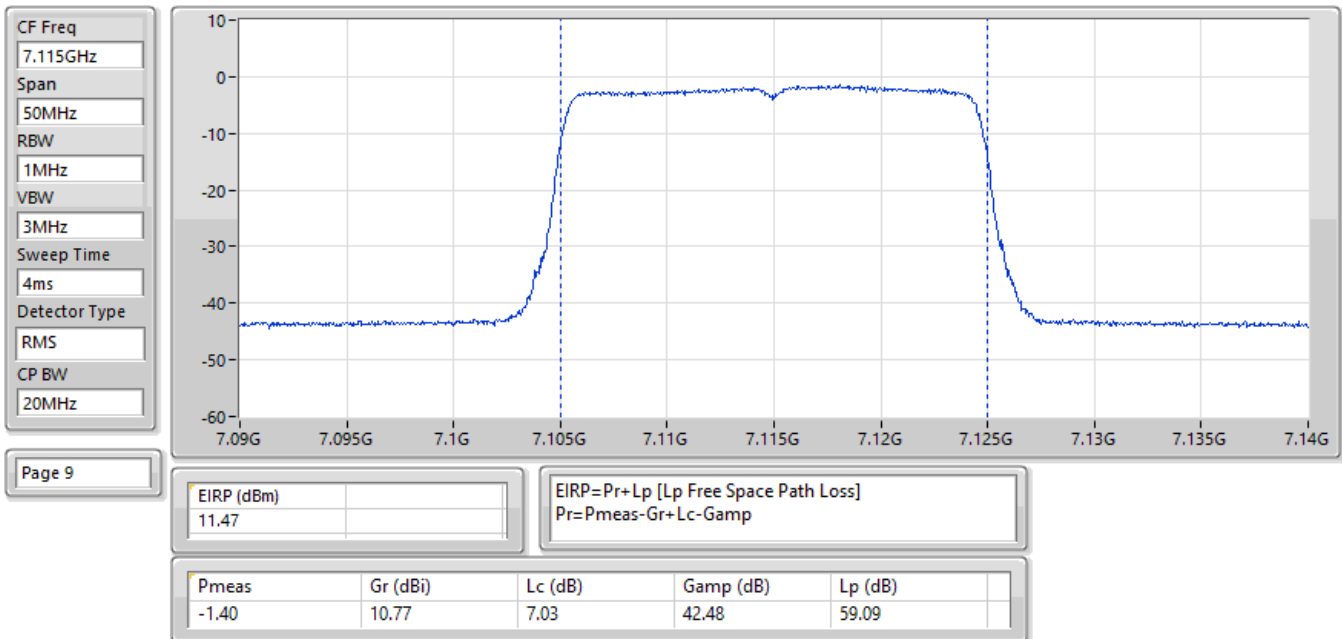
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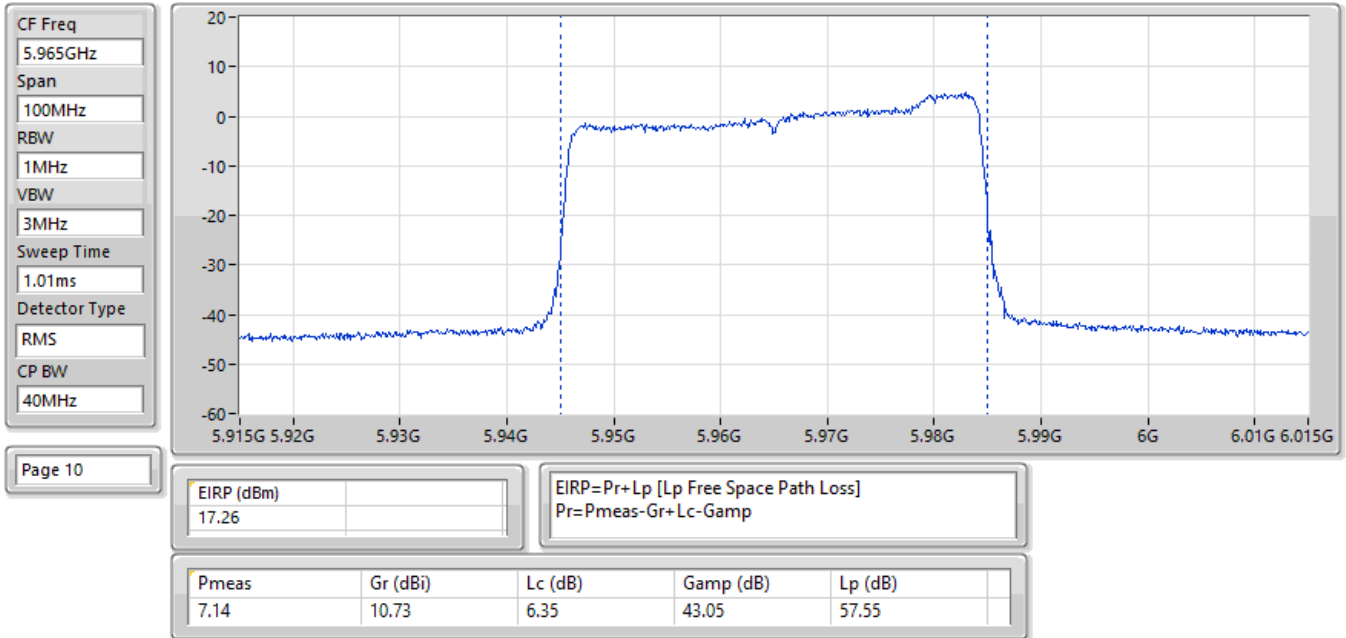
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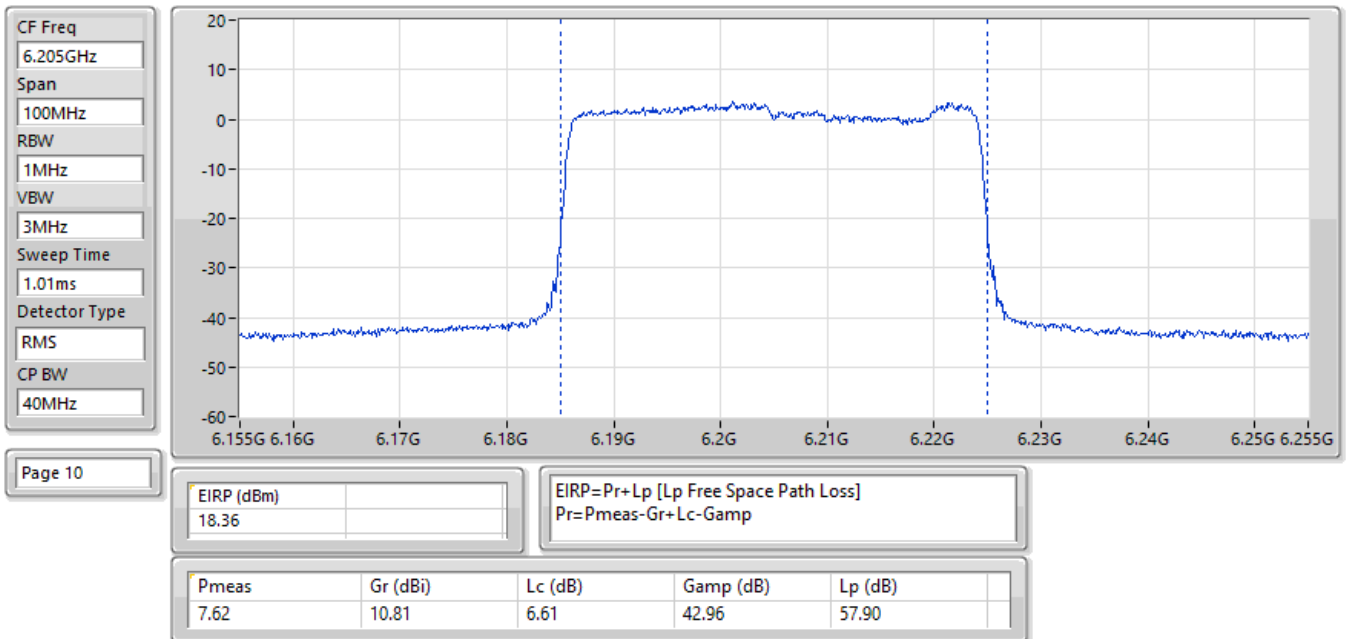
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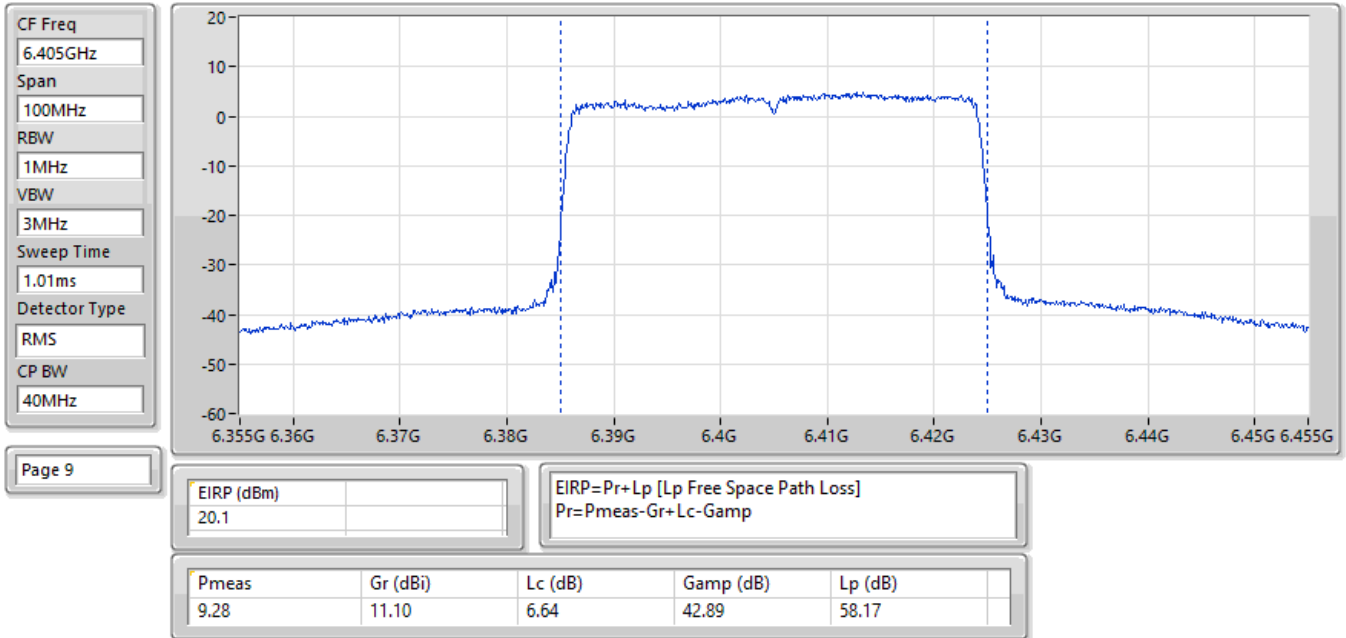
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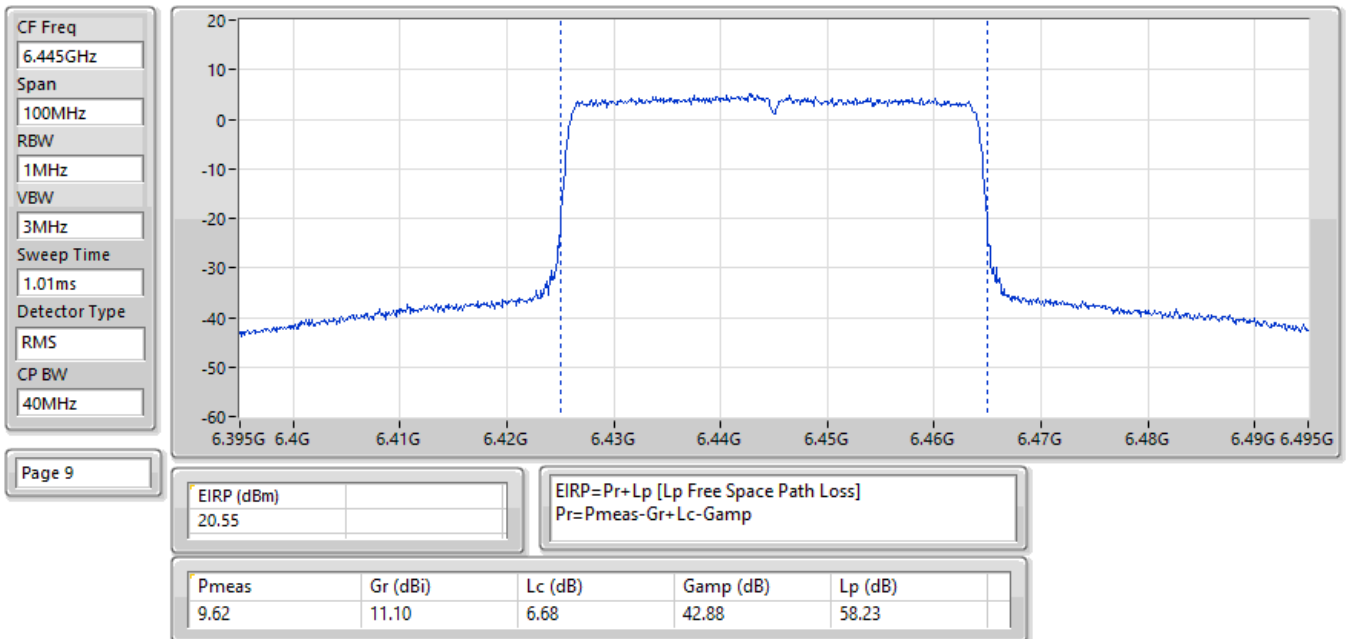
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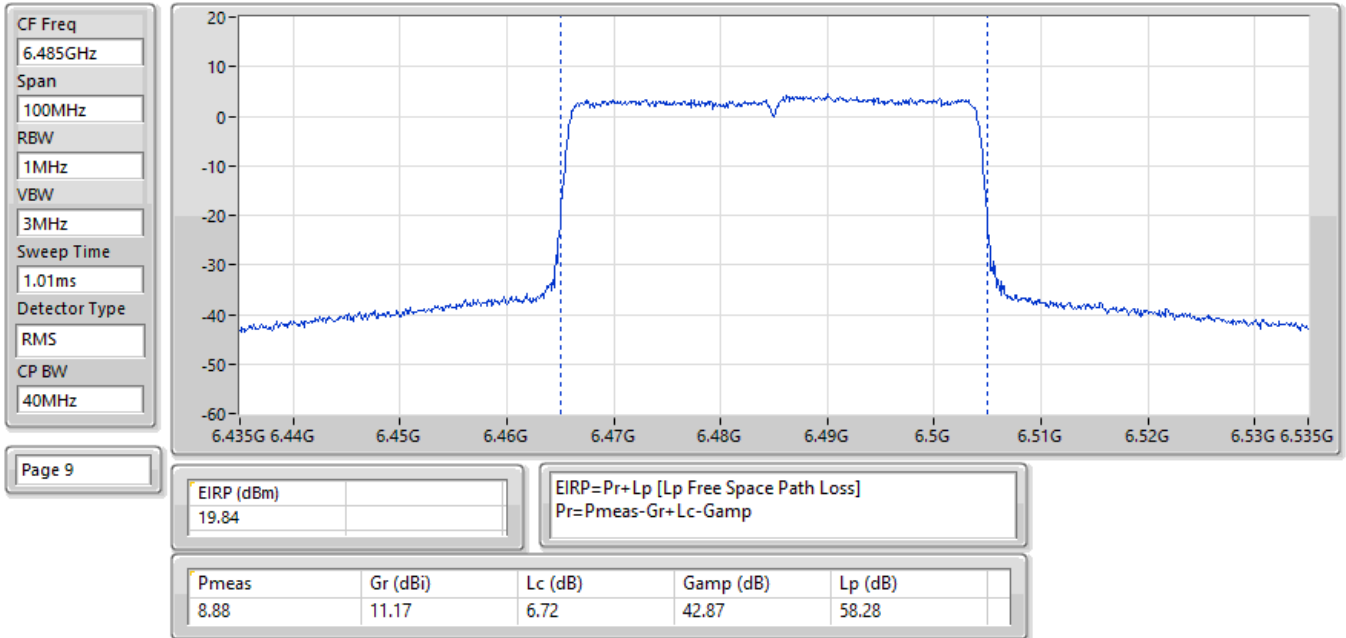
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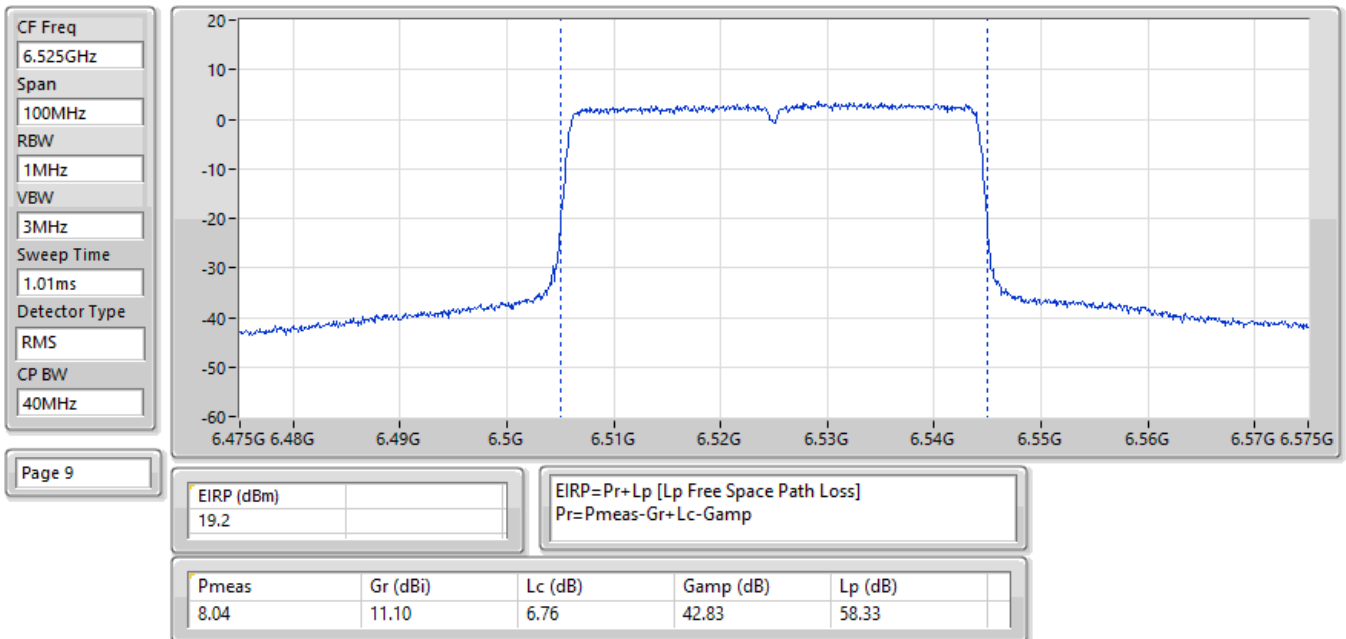
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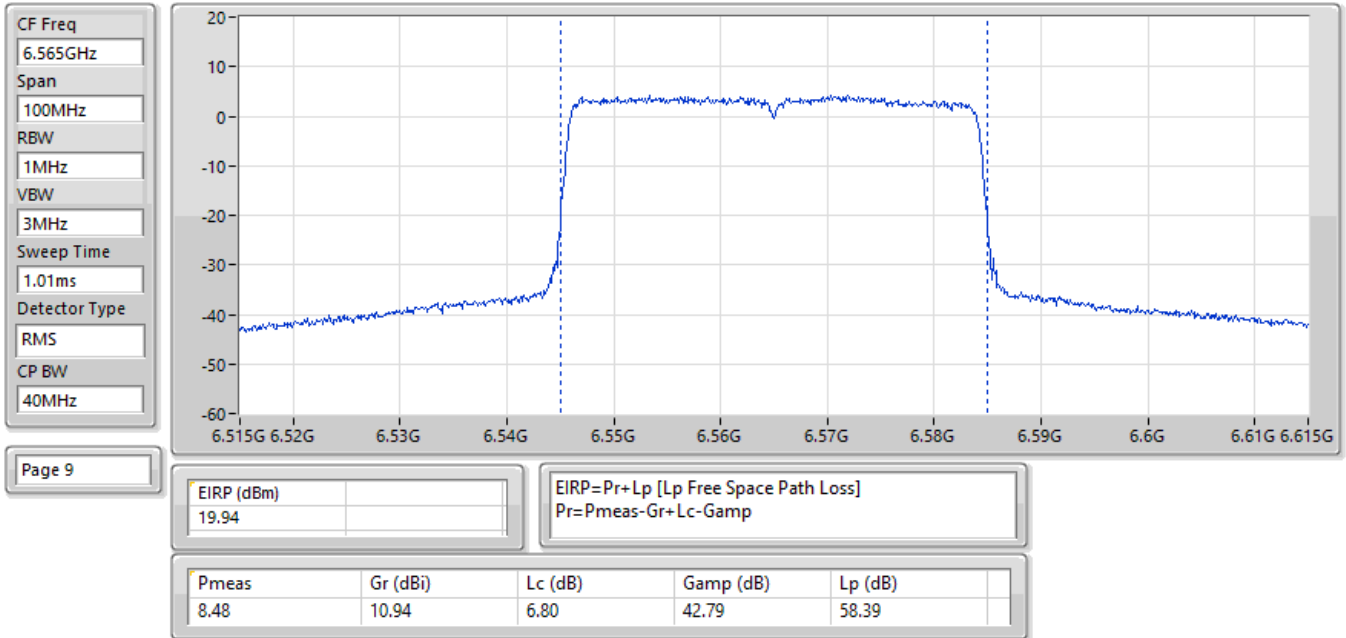
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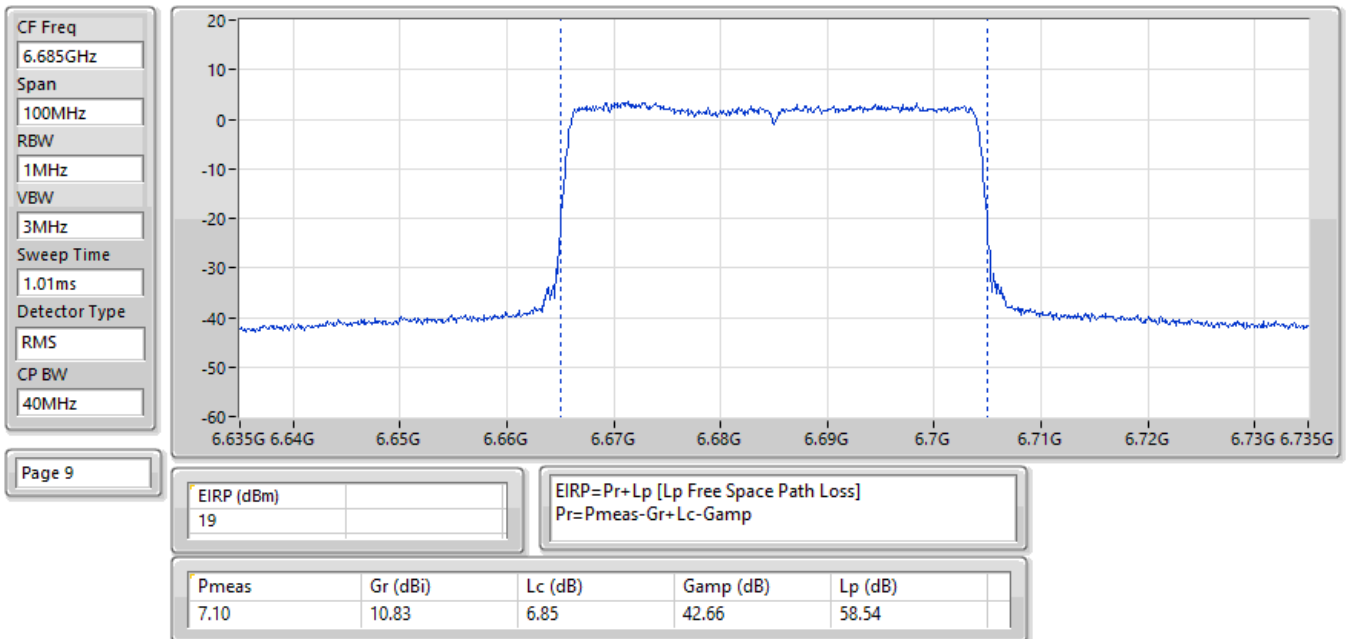
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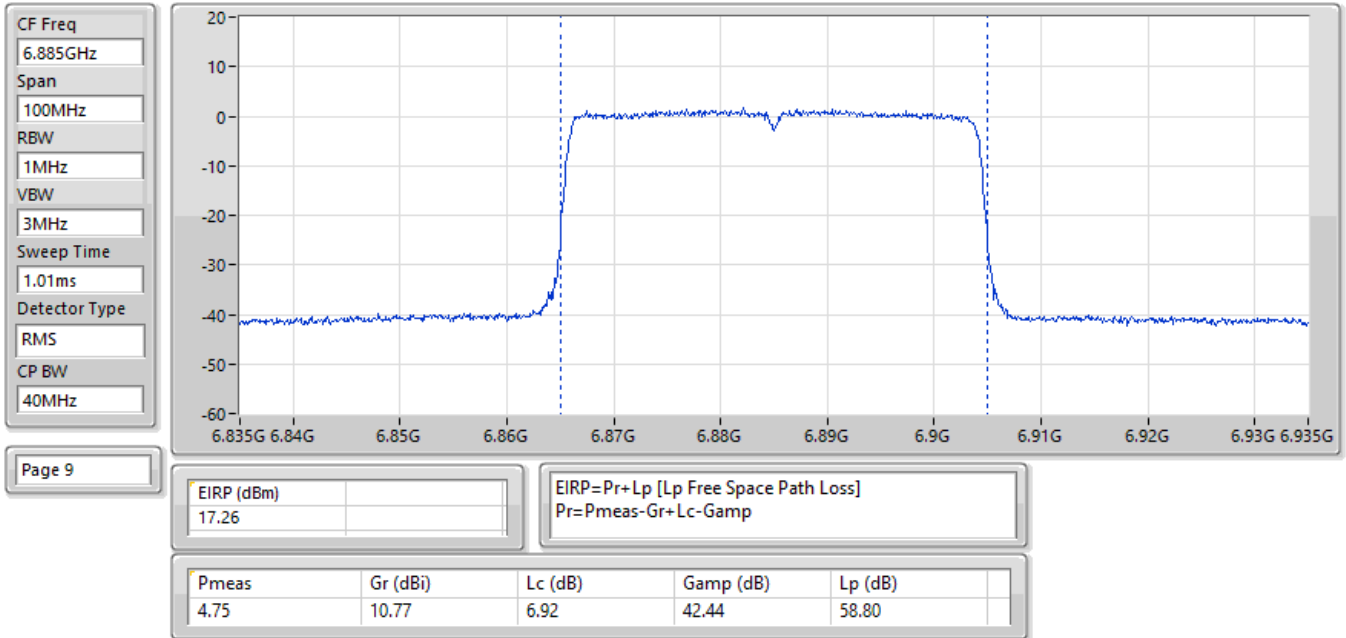
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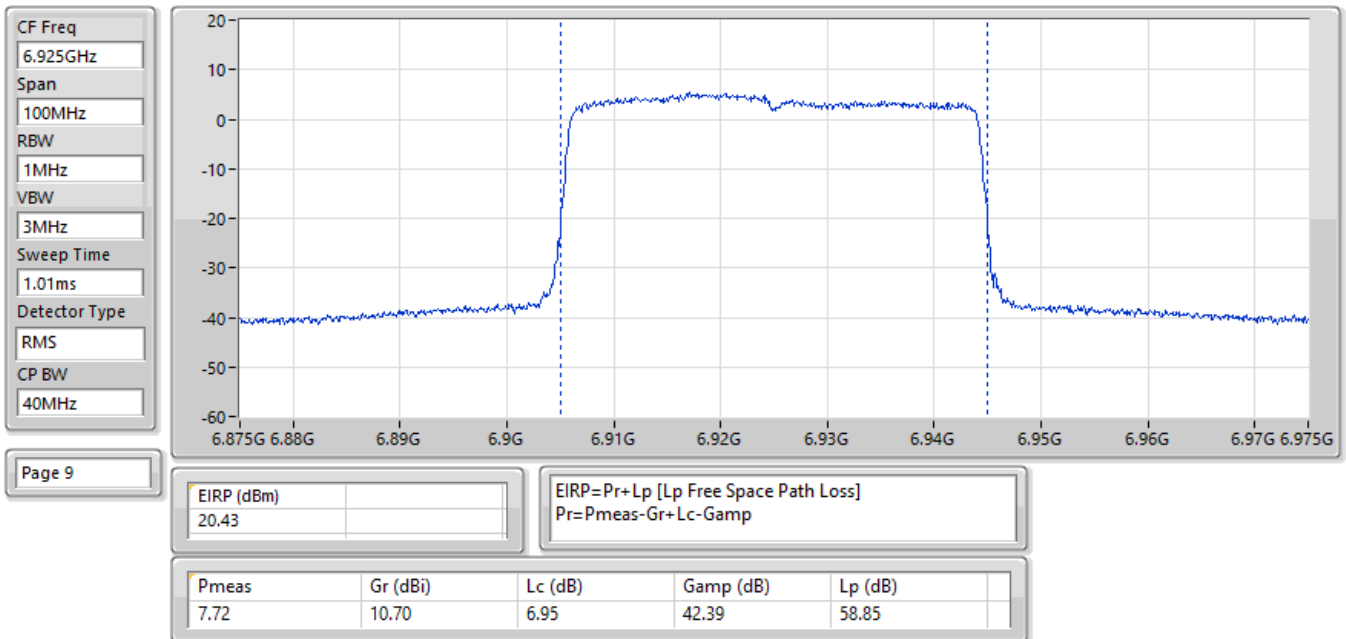
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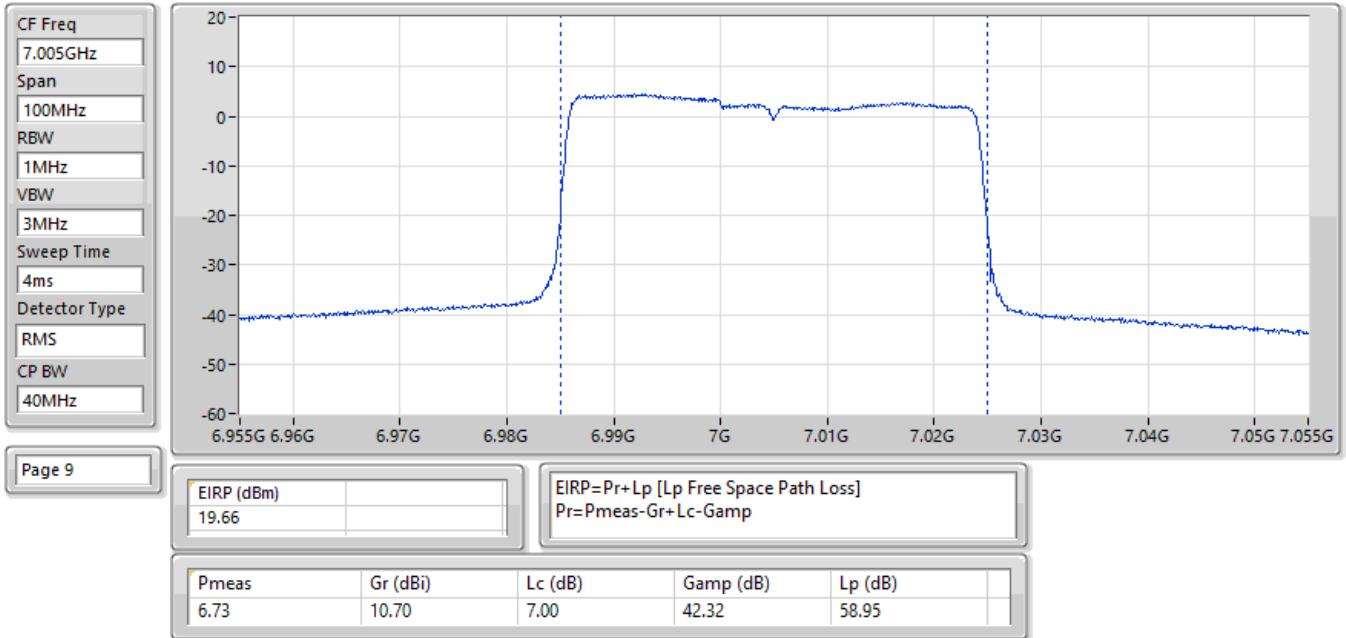
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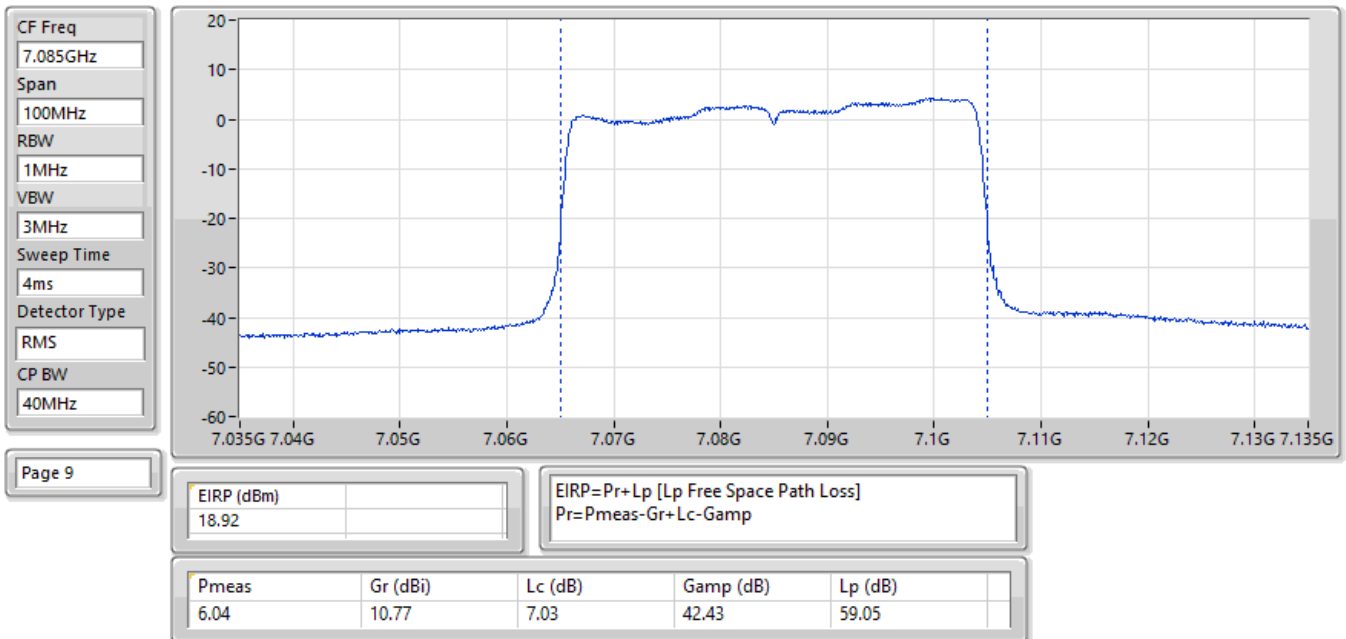
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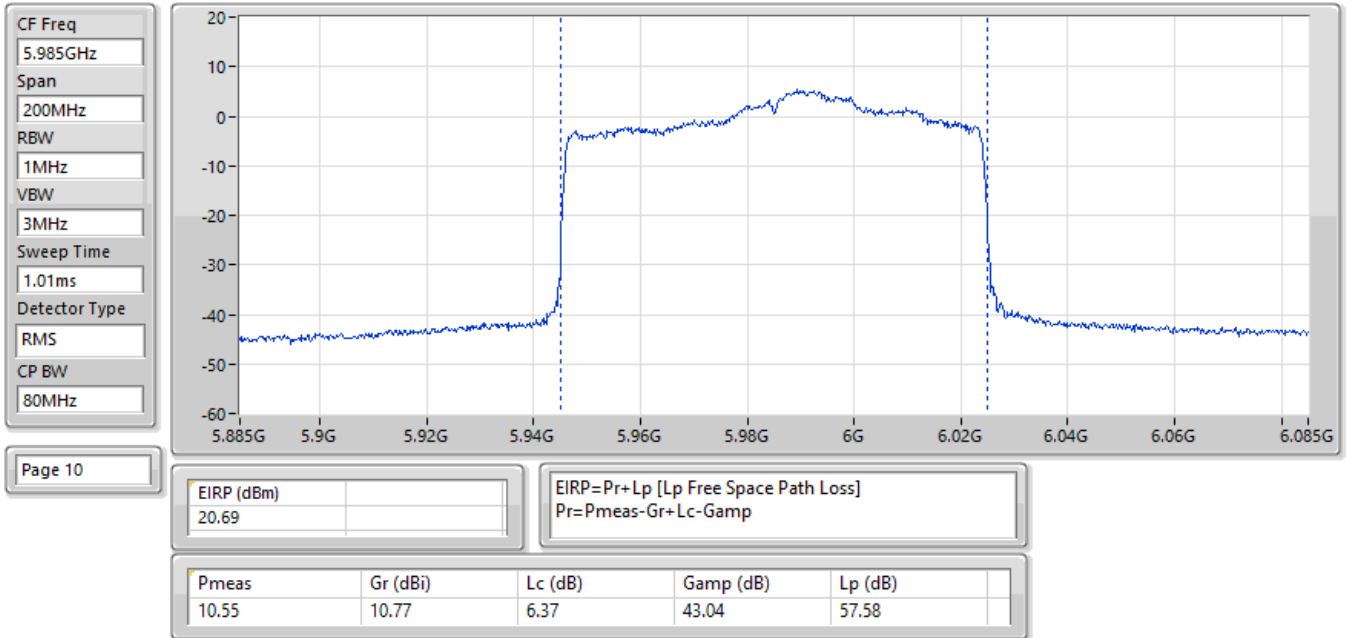
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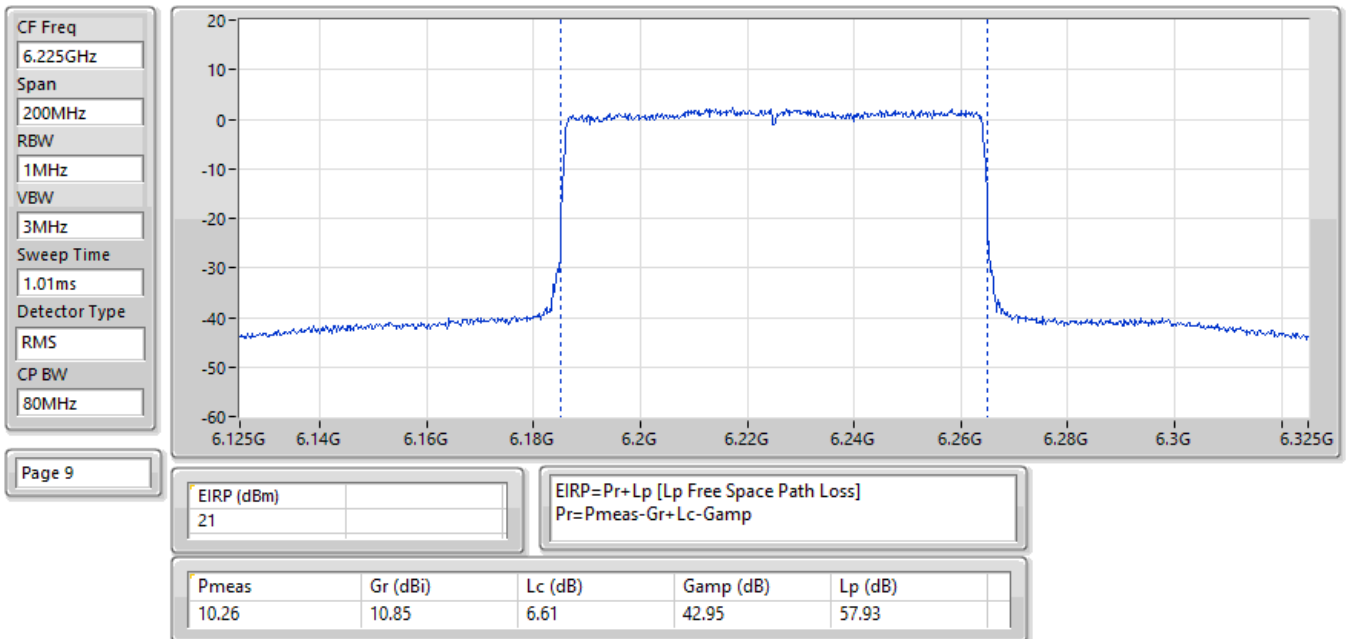
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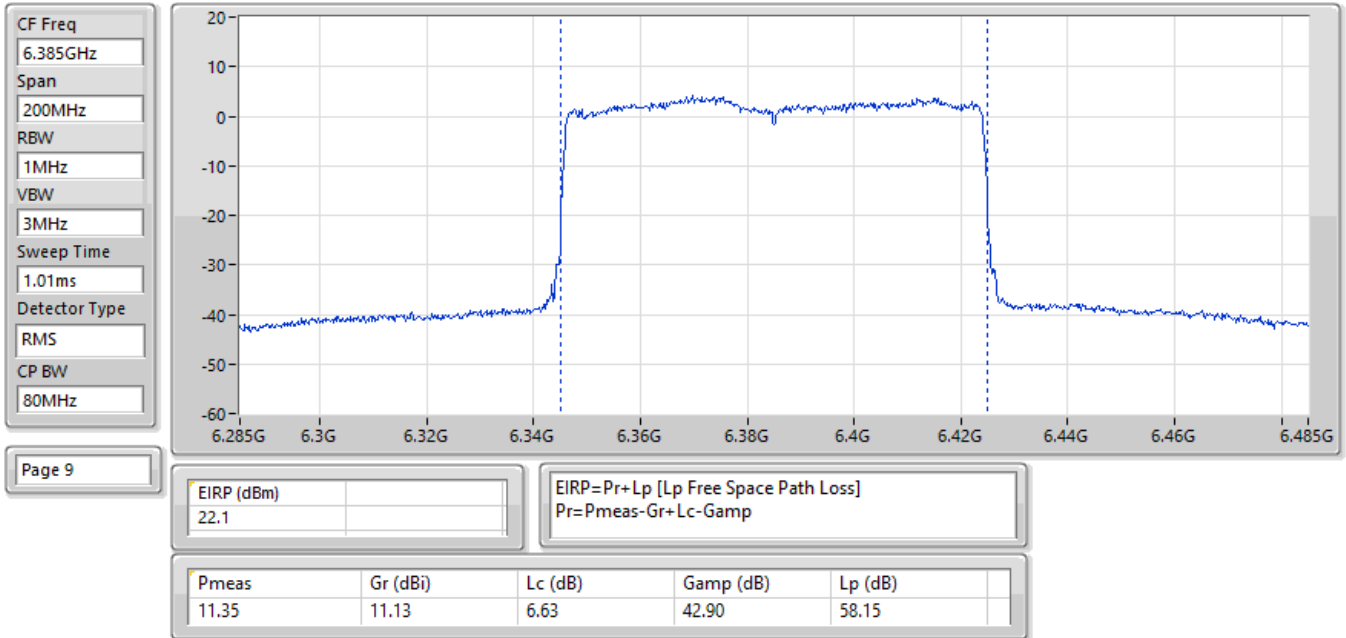
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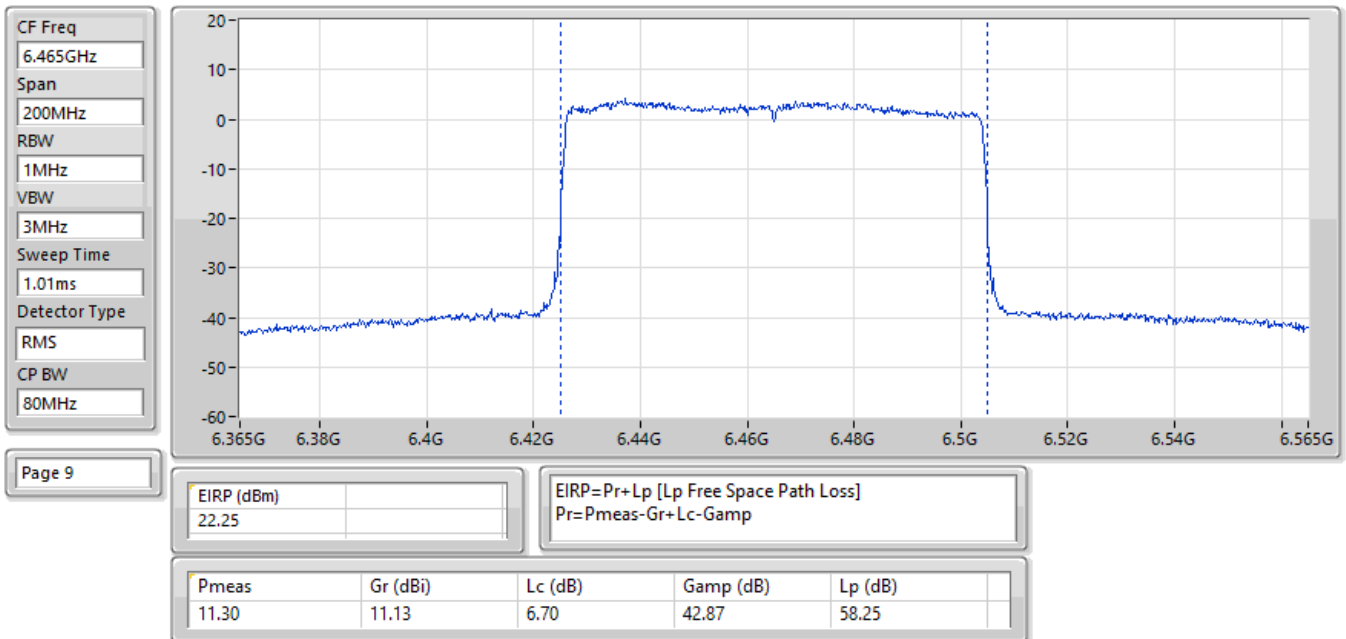
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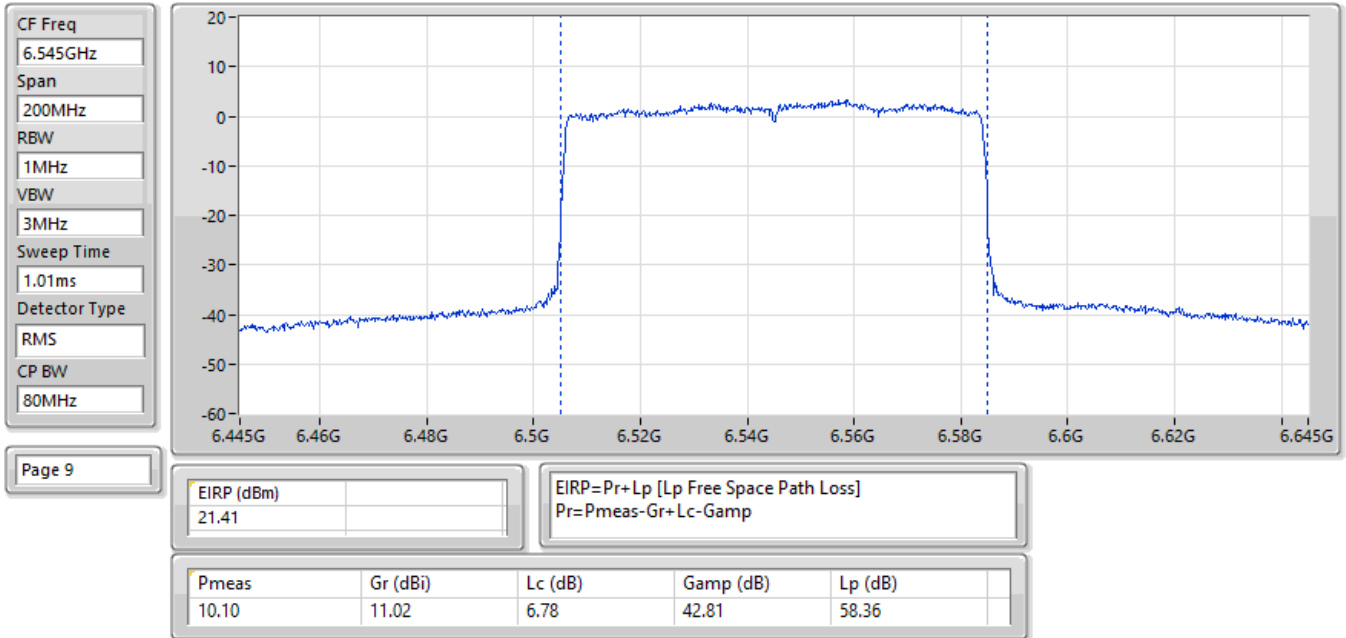
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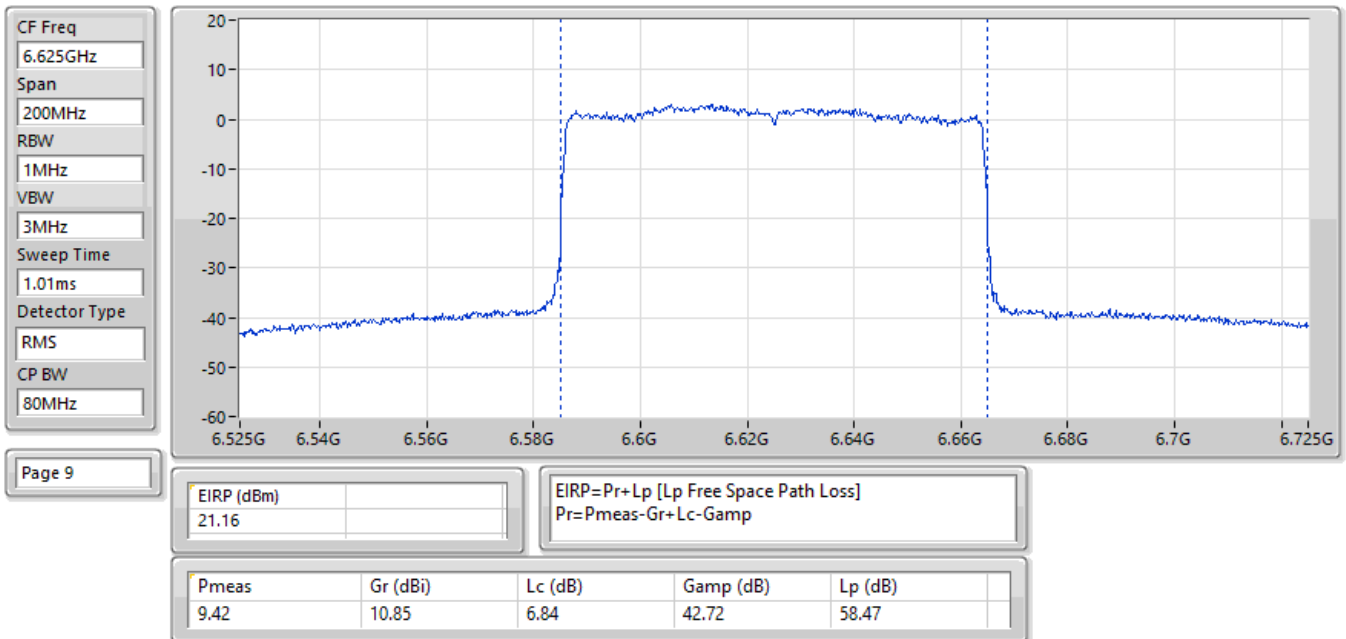
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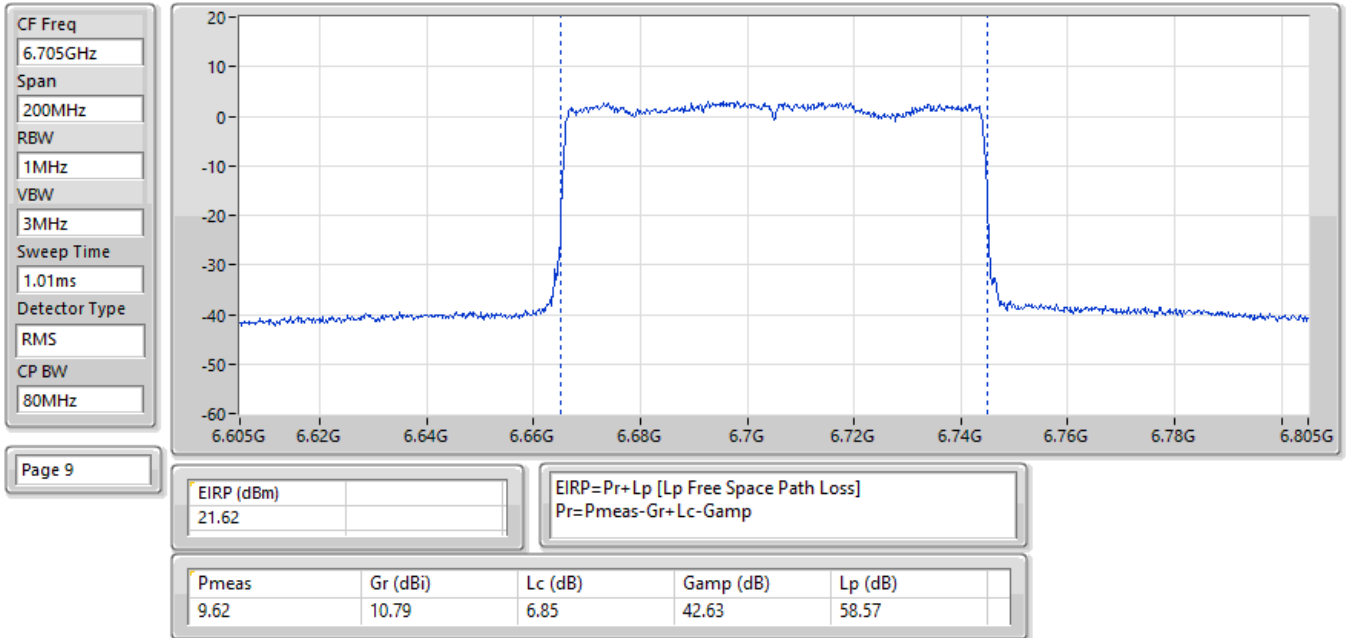
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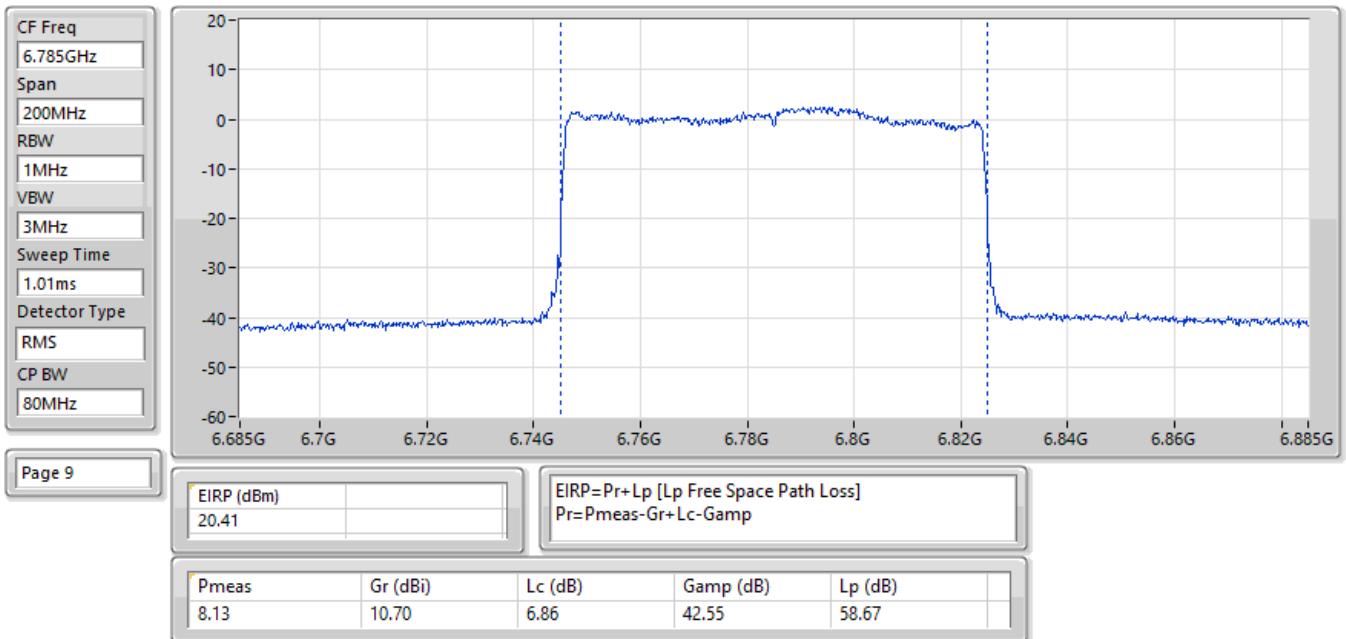
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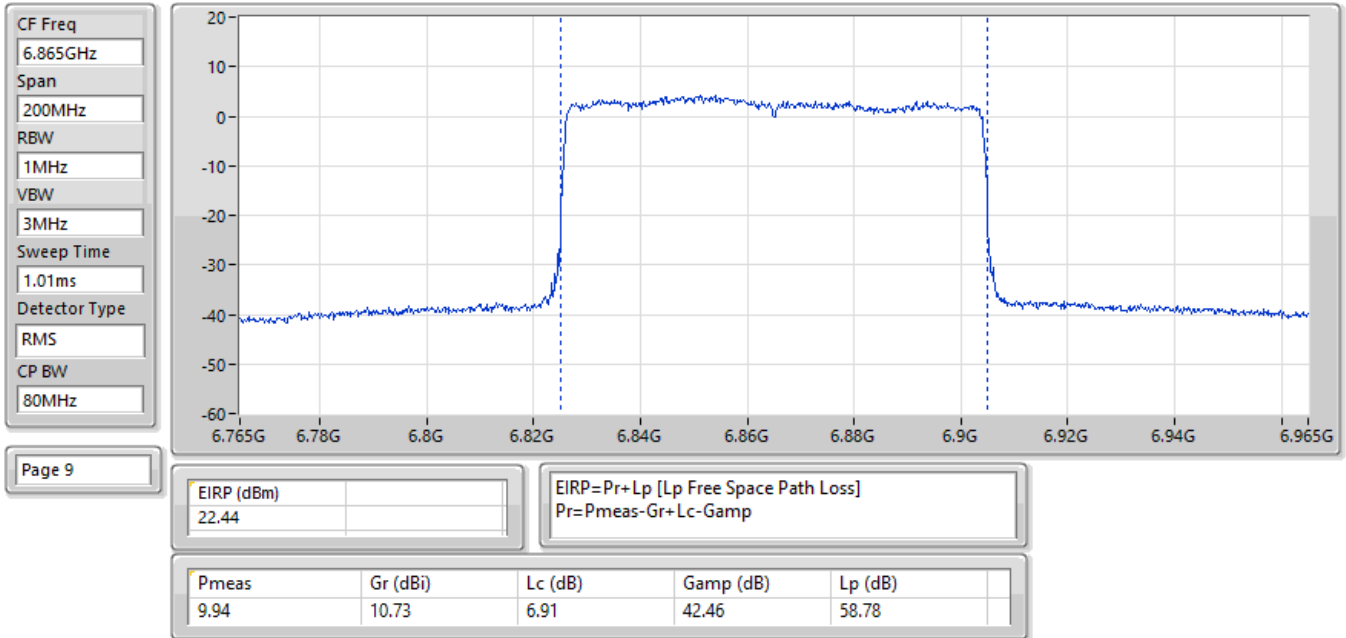
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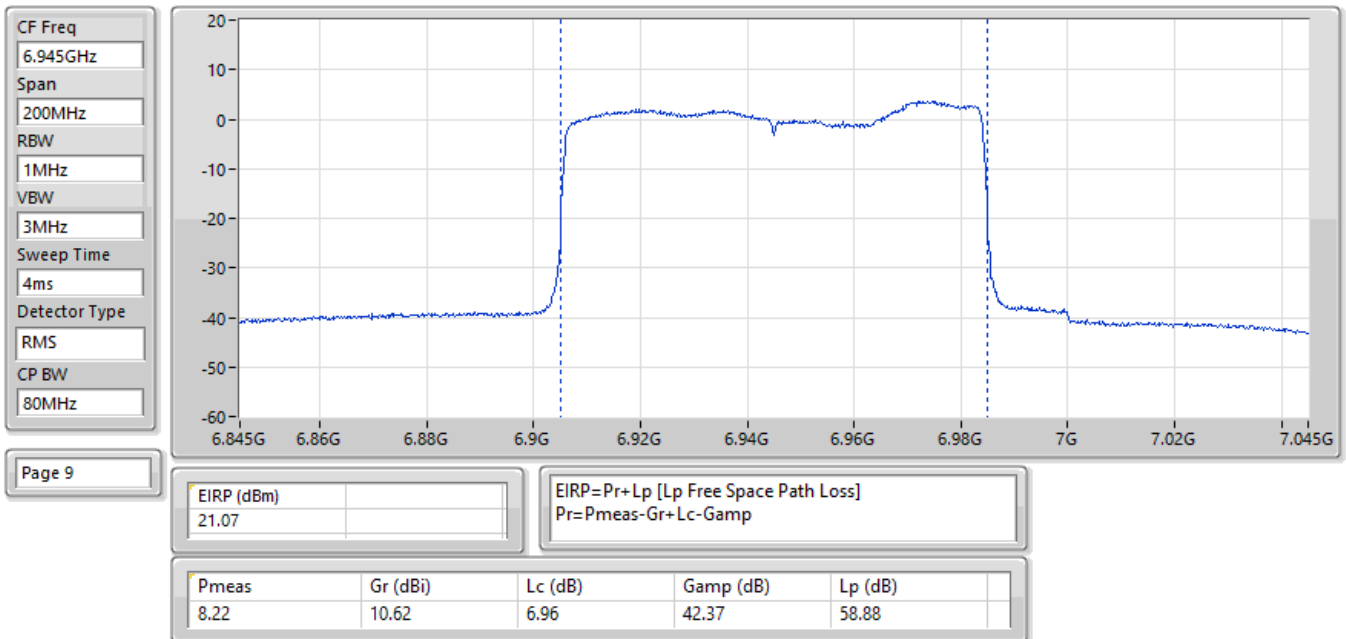
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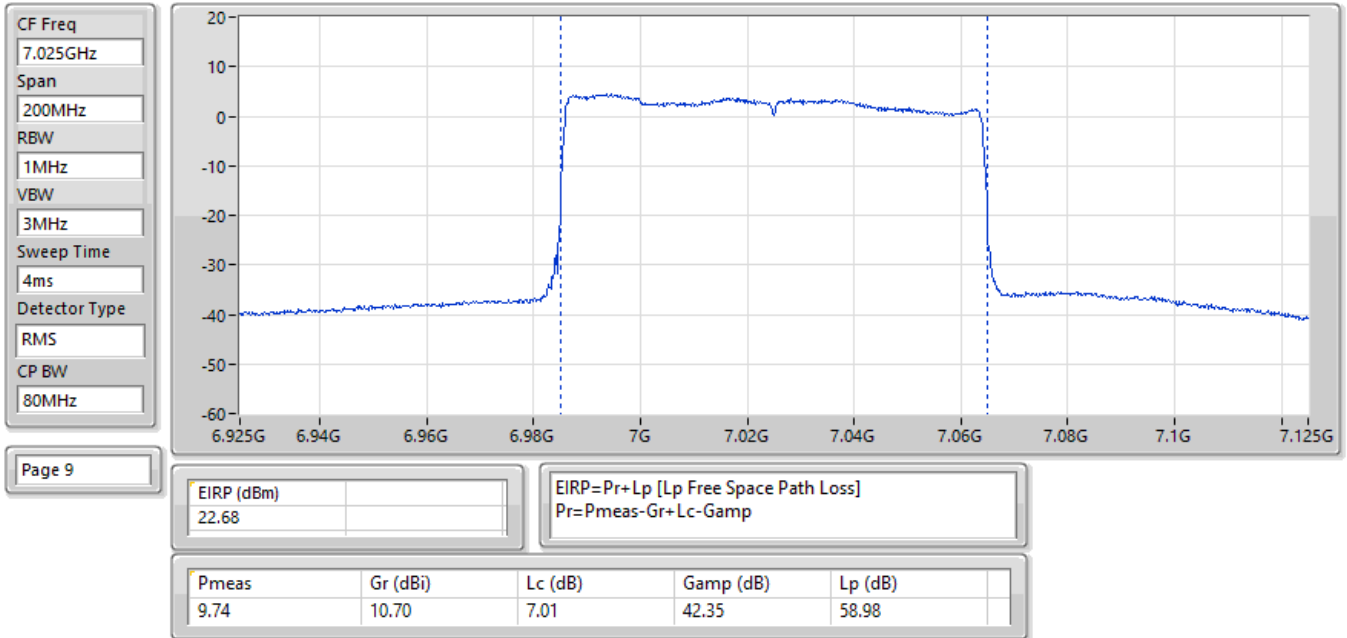
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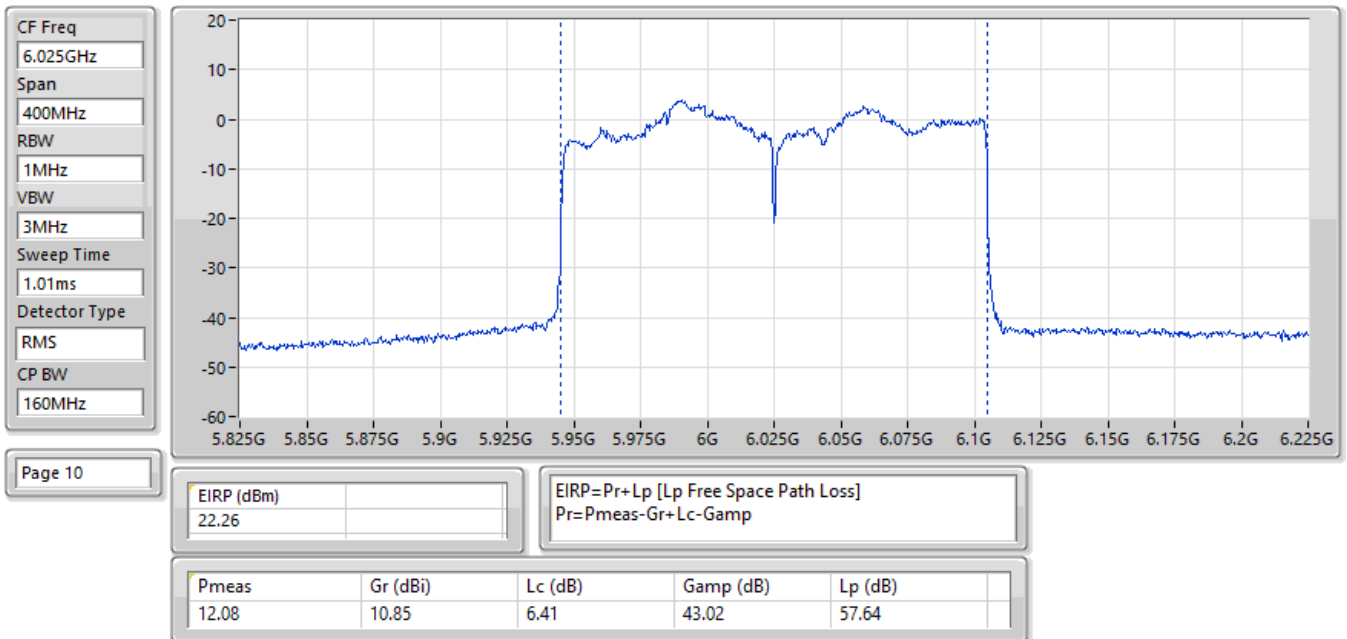
EIRP:Band:7.0G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6945MHz;TX



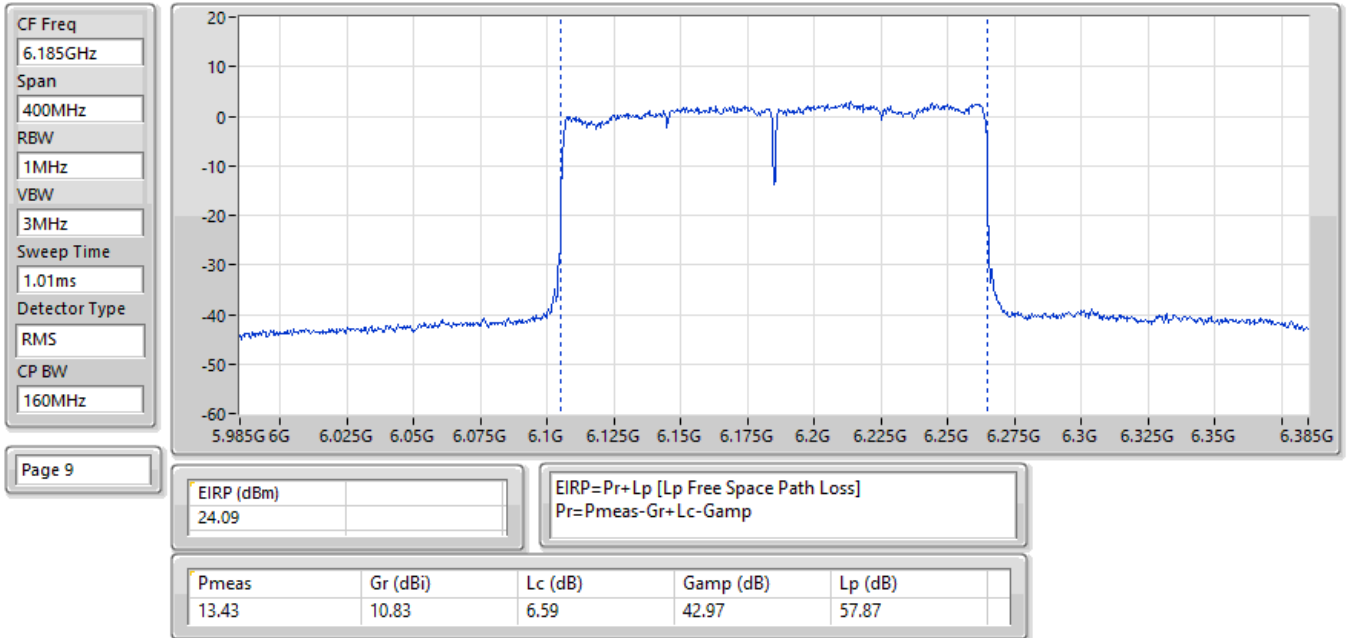
EIRP:Band:7.0G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:7025MHz;TX



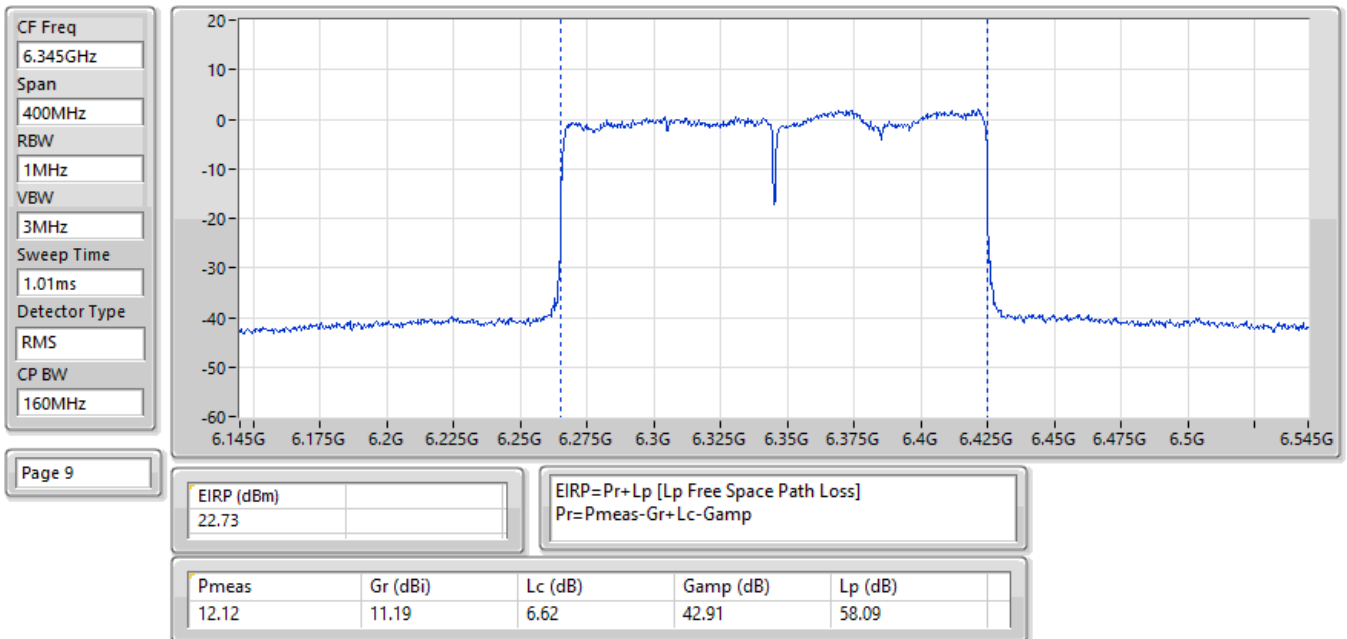
EIRP:Band:6.2G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6025MHz;TX



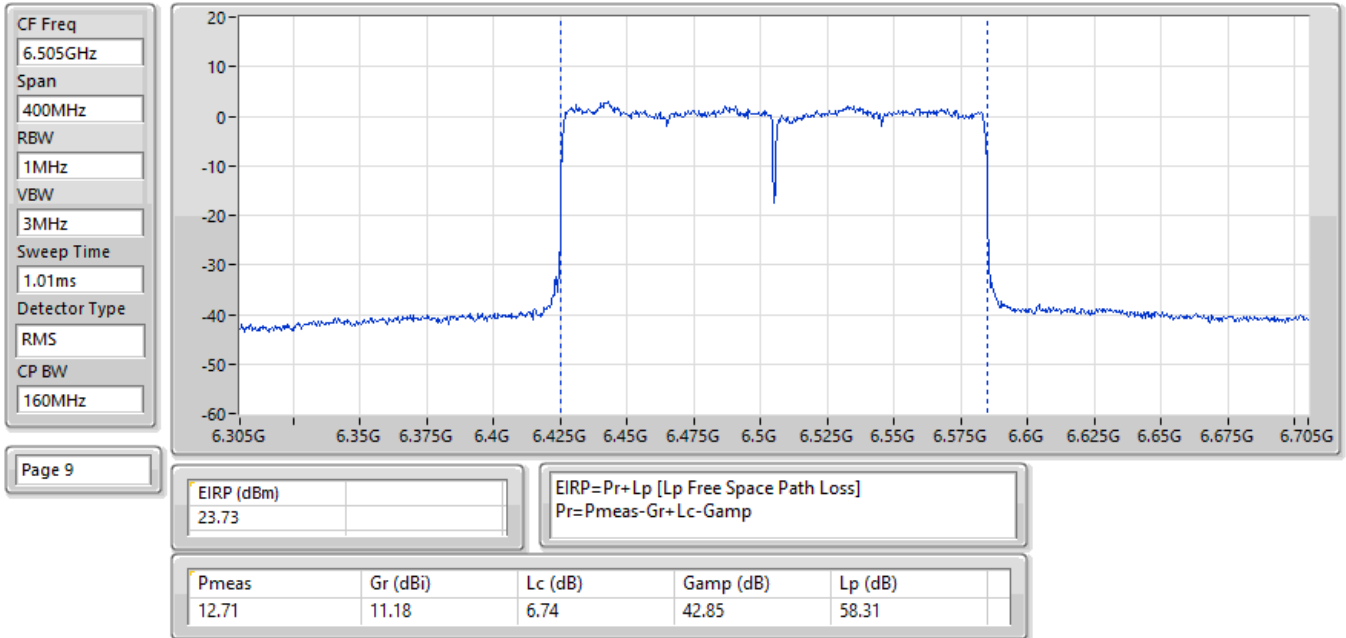
EIRP;Band:6.2G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6185MHz;TX



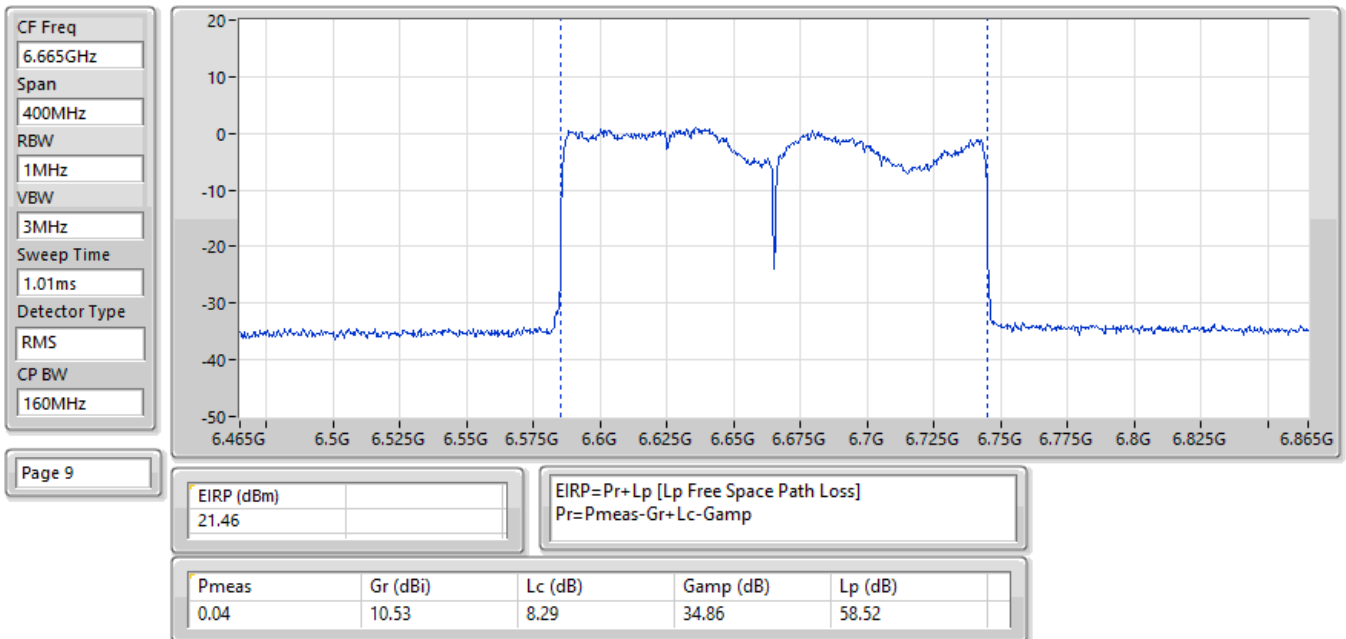
EIRP;Band:6.2G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6345MHz;TX



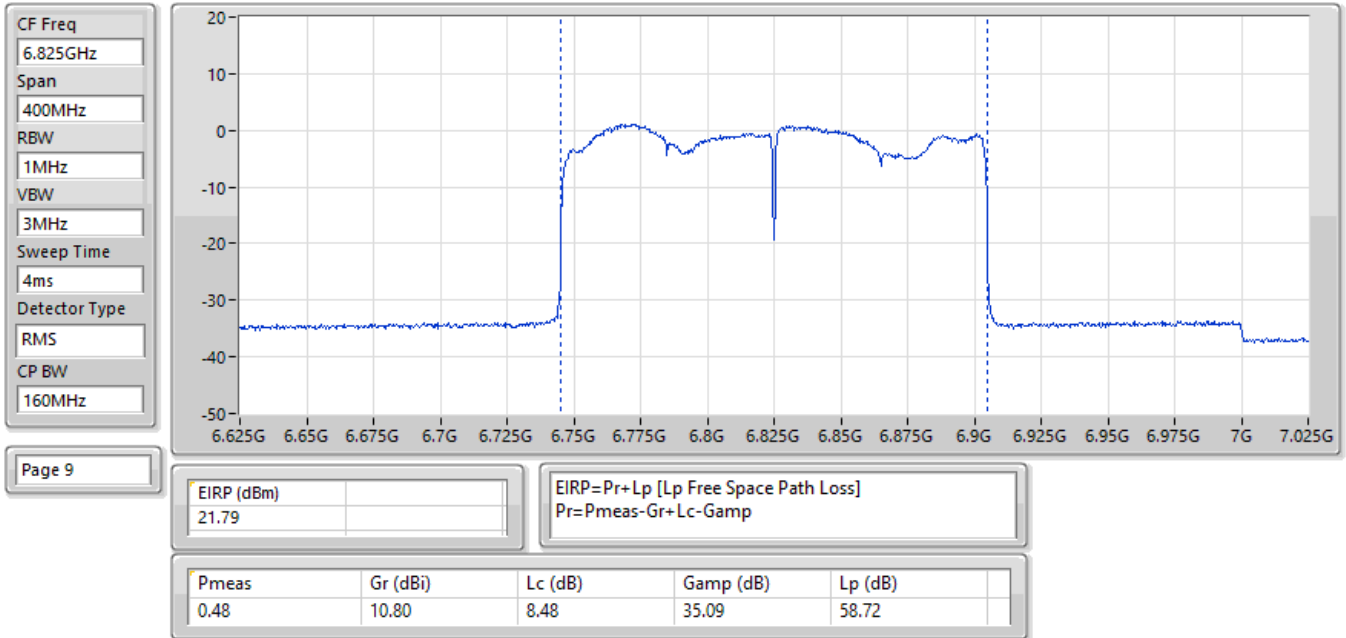
EIRP;Band:6.4G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6505MHz;TX



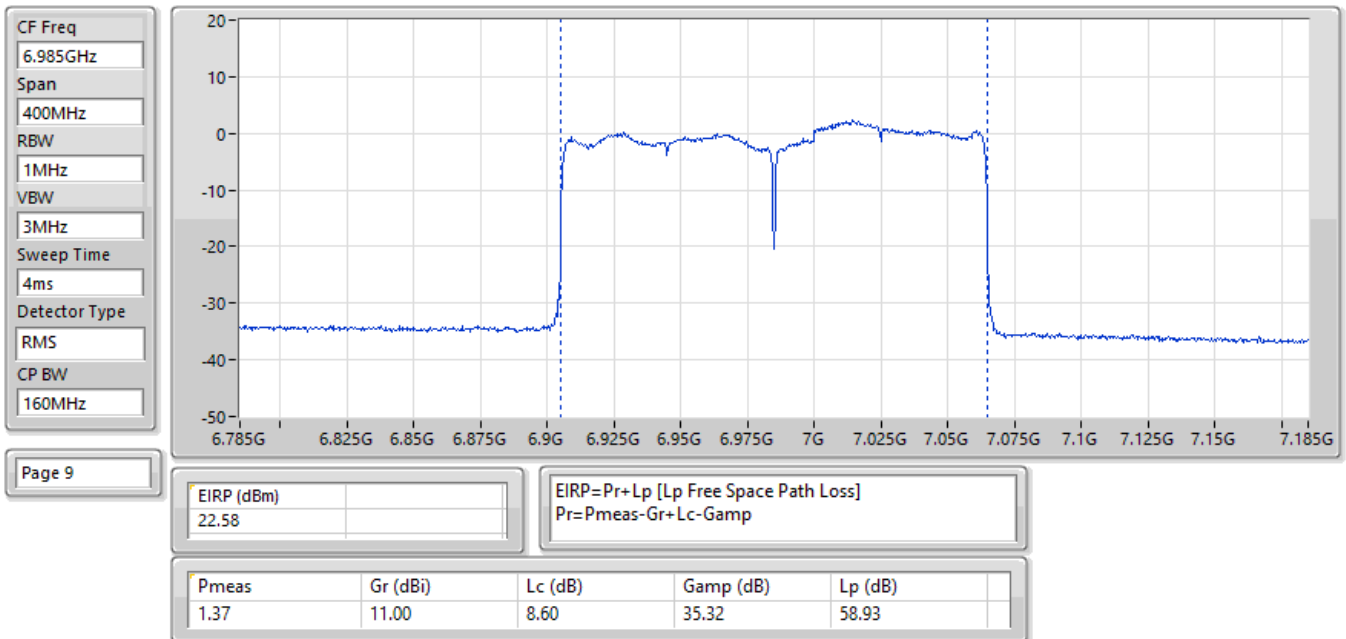
EIRP;Band:6.7G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6665MHz;TX



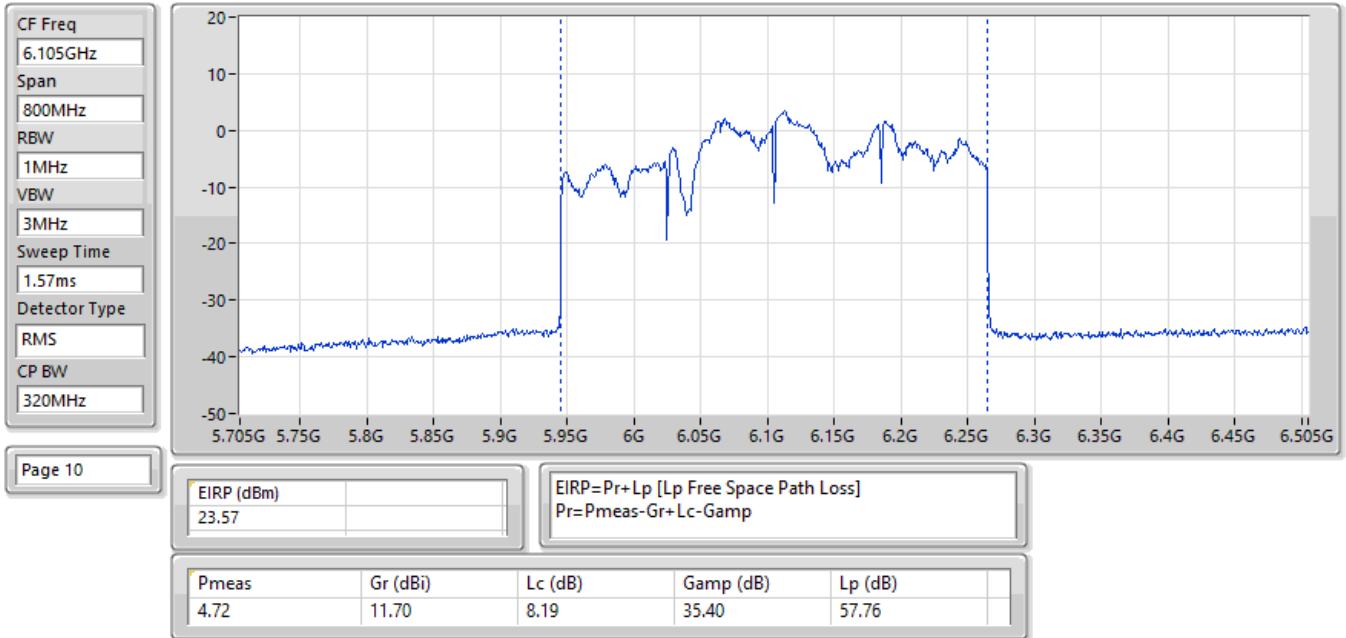
EIRP;Band:6.7G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6825MHz;TX



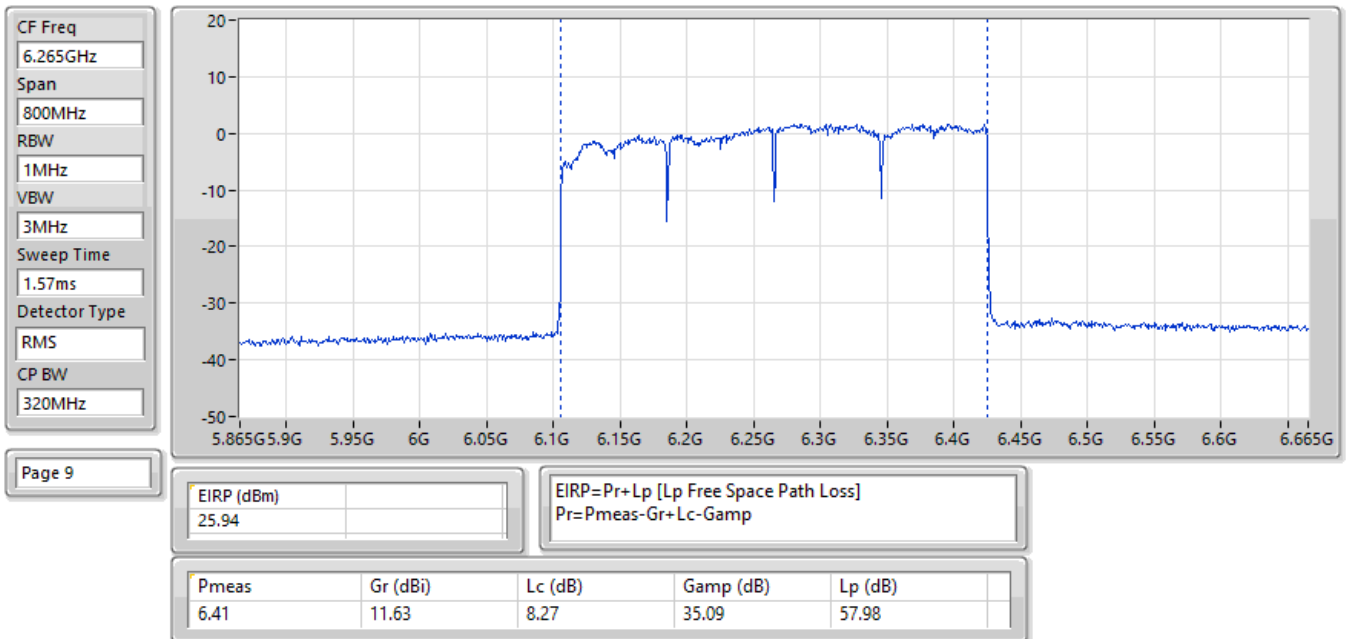
EIRP;Band:7.0G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6985MHz;TX



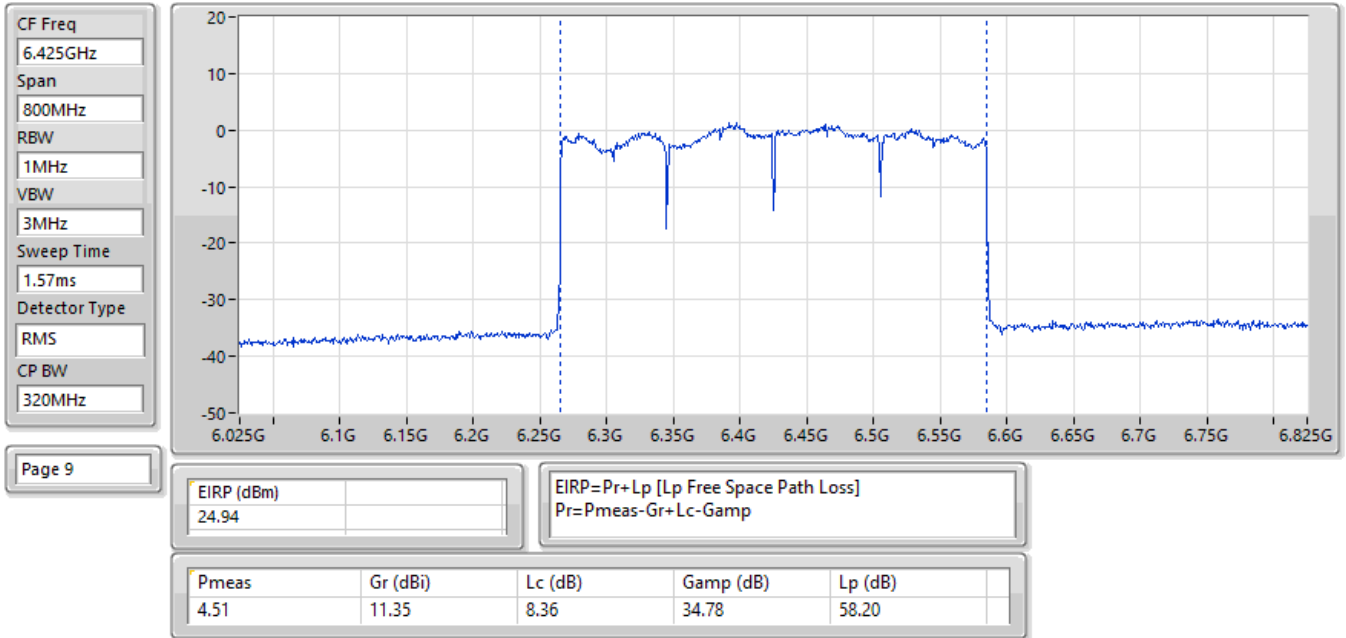
EIRP;Band:6.2G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6105MHz;TX



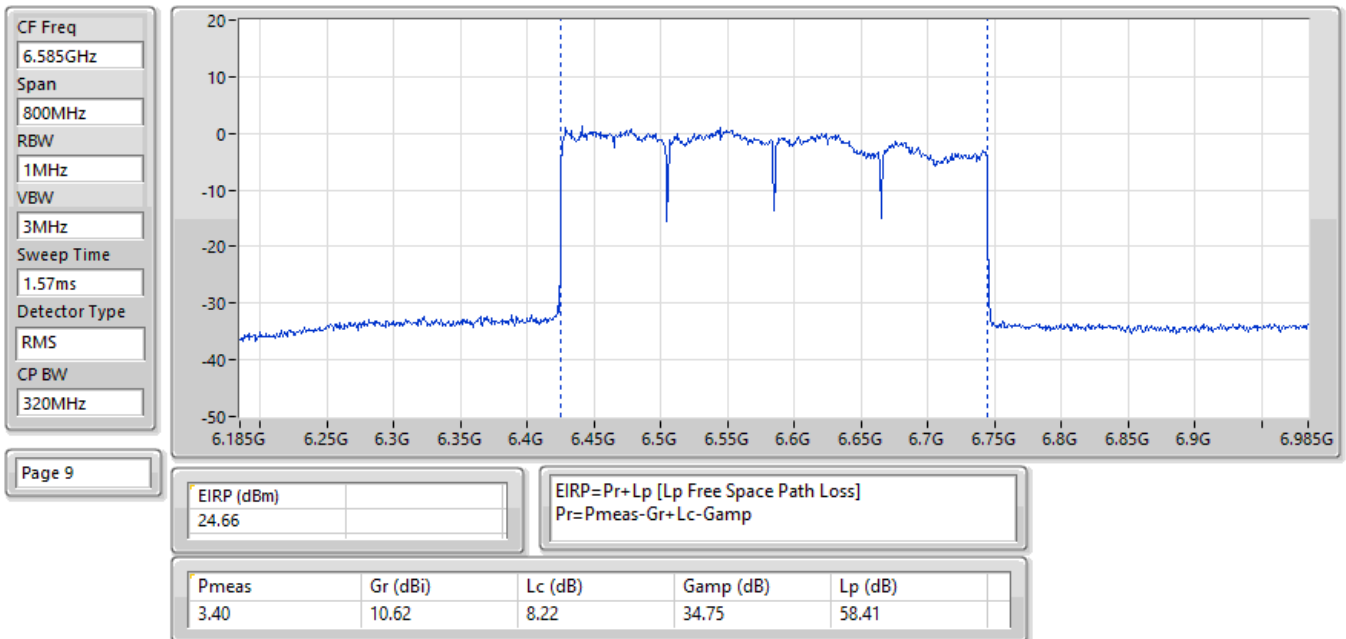
EIRP;Band:6.2G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6265MHz;TX



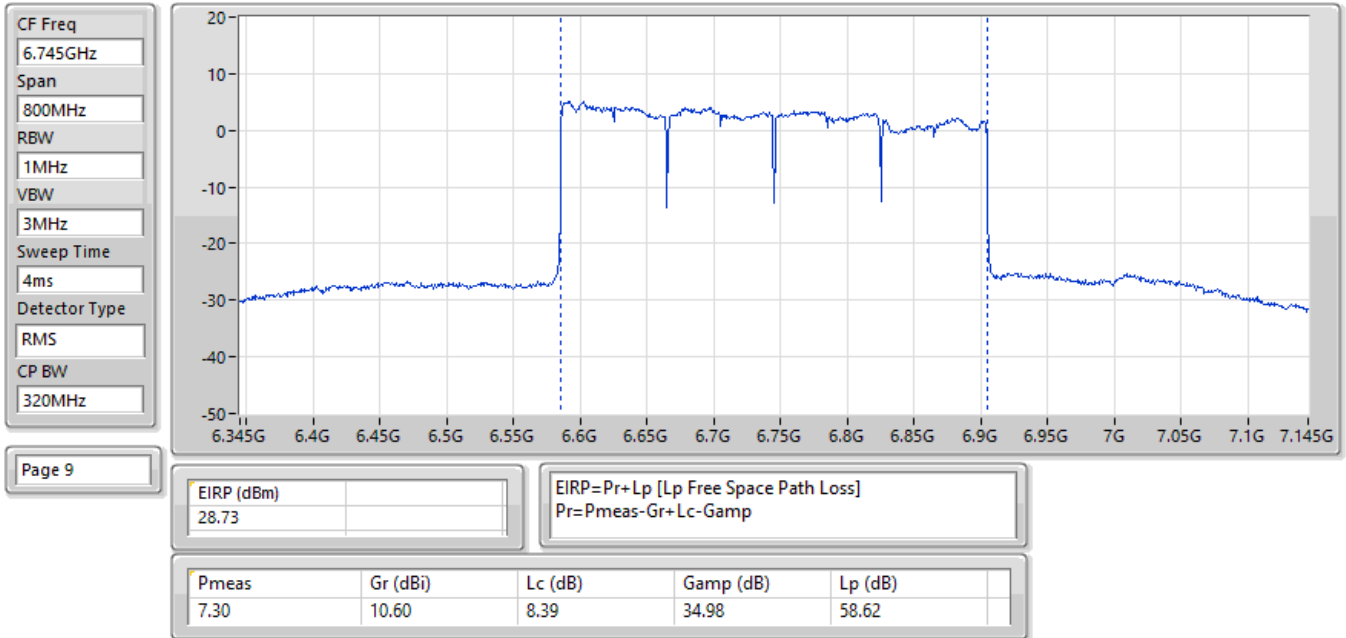
EIRP;Band:6.2G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6425MHz;TX



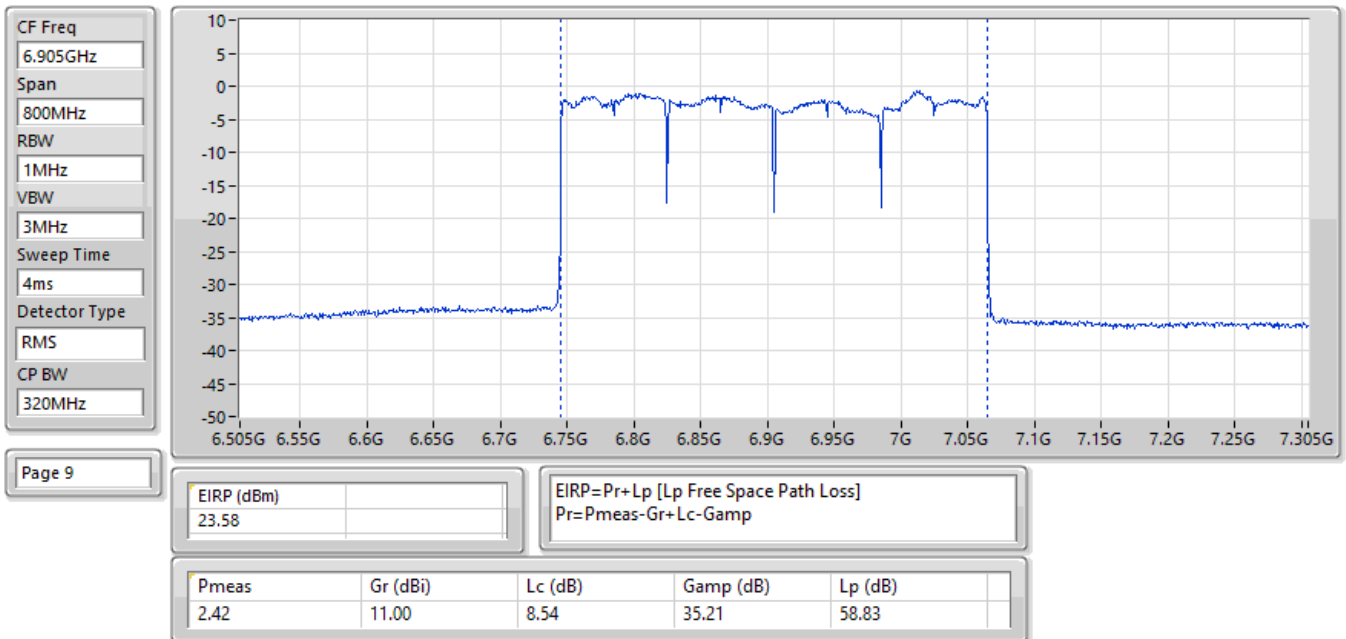
EIRP;Band:6.7G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6585MHz;TX



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



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



Summary

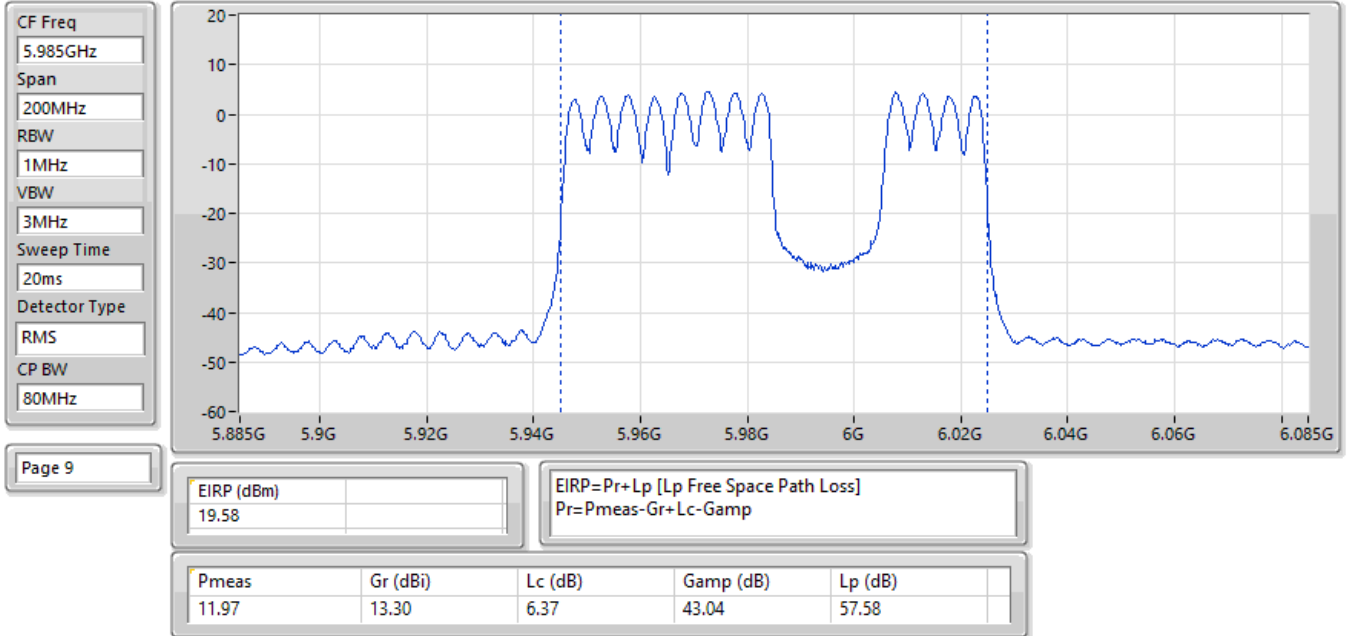
Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242_4TX	19.58	0.09078
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242_4TX	23.15	0.20654
802.11be EHT160_Nss1,(MCS0),RU996+RU484_4TX	22.71	0.18664
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484_4TX	25.64	0.36644
802.11be EHT320_Nss1,(MCS0),3xRU996_4TX	25.43	0.34914
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484_4TX	26.13	0.41020
6.525-6.875GHz	-	-
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484_4TX	21.87	0.15382
802.11be EHT320_Nss1,(MCS0),3xRU996_4TX	20.67	0.11668
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484_4TX	21.71	0.14825
6.875-7.125GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242_4TX	19.97	0.09931
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242_4TX	23.16	0.20701
802.11be EHT160_Nss1,(MCS0),RU996+RU484_4TX	23.40	0.21878

**Result**

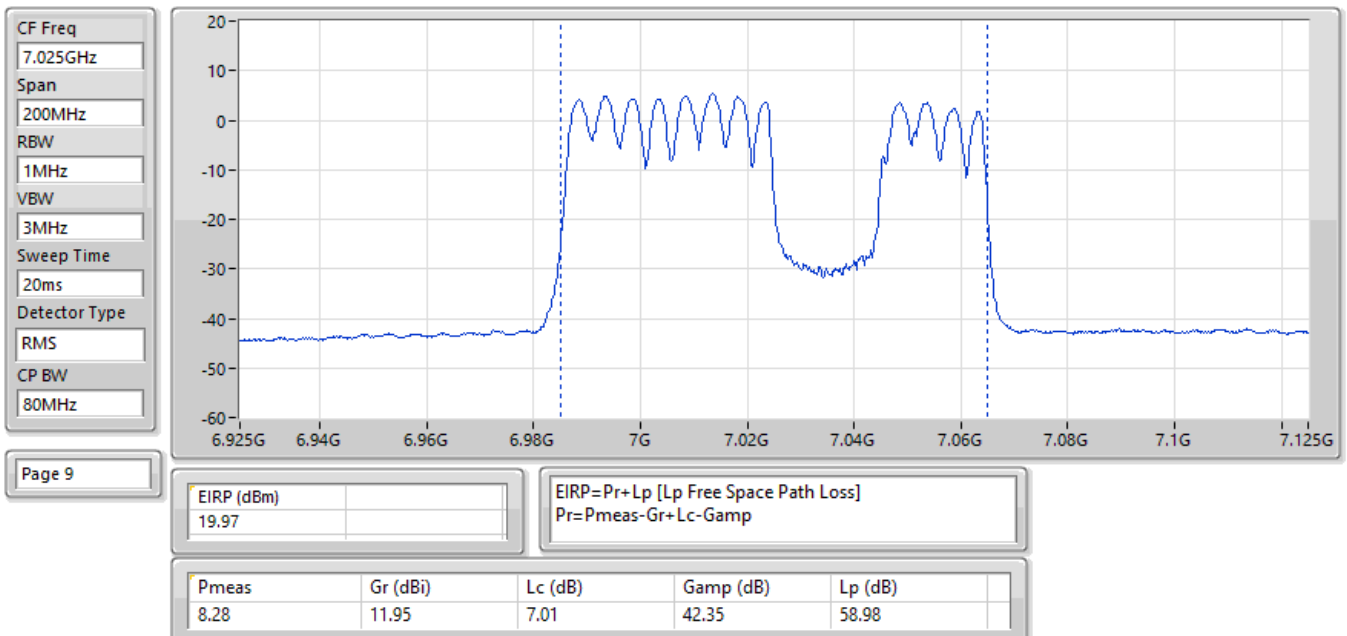
Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-
5985MHz	Pass	19.58	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-
7025MHz	Pass	19.97	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 5_4TX	-	-	-
6025MHz	Pass	23.15	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 3_4TX	-	-	-
6025MHz	Pass	22.71	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 4_4TX	-	-	-
6985MHz	Pass	23.16	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-	-	-
6985MHz	Pass	23.40	30.00
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 8_4TX	-	-	-
6105MHz	Pass	25.64	30.00
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 2_4TX	-	-	-
6105MHz	Pass	25.43	30.00
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 3_4TX	-	-	-
6105MHz	Pass	26.13	30.00
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 2_4TX	-	-	-
6905MHz Straddle 6.525-6.875GHz	Pass	21.87	30.00
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 2_4TX	-	-	-
6905MHz Straddle 6.525-6.875GHz	Pass	20.67	30.00
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 8_4TX	-	-	-
6905MHz Straddle 6.525-6.875GHz	Pass	21.71	30.00

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

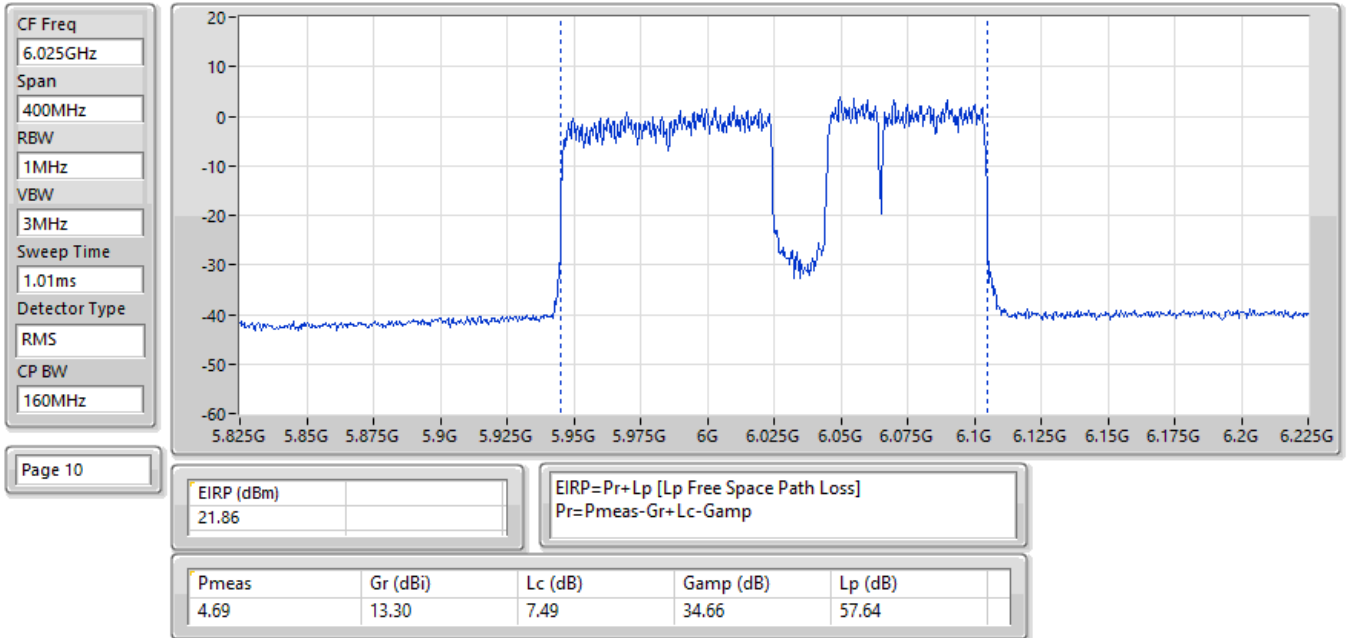
EIRP;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 MRU 3;Nant:4;Ch:5985MHz;TX



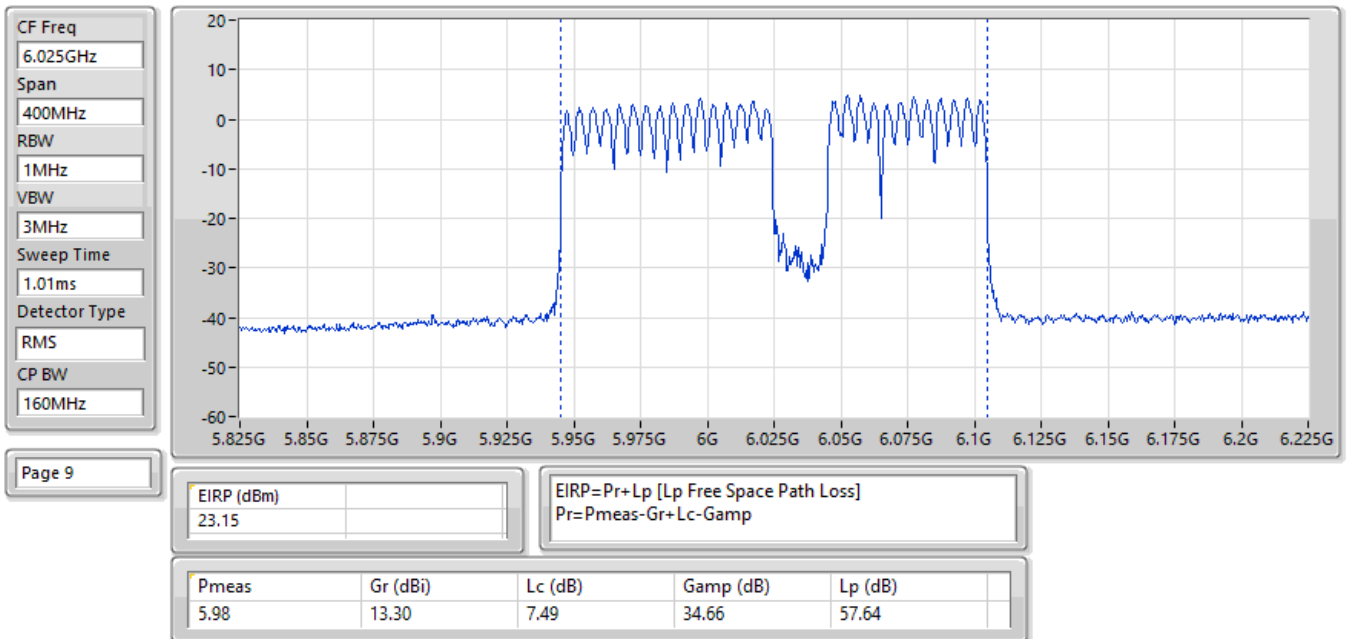
EIRP;Band:7.0G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 MRU 3;Nant:4;Ch:7025MHz;TX



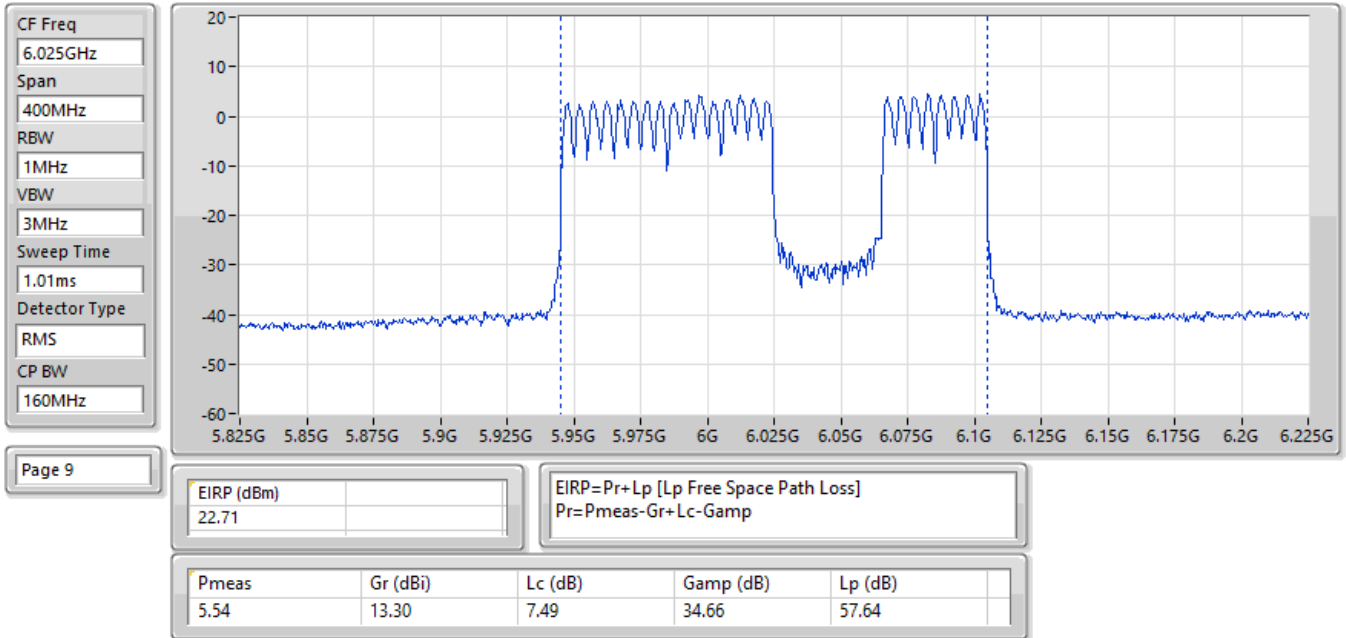
EIRP;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484+RU242 MRU 5;Nant:4;Ch:6025MHz;TX



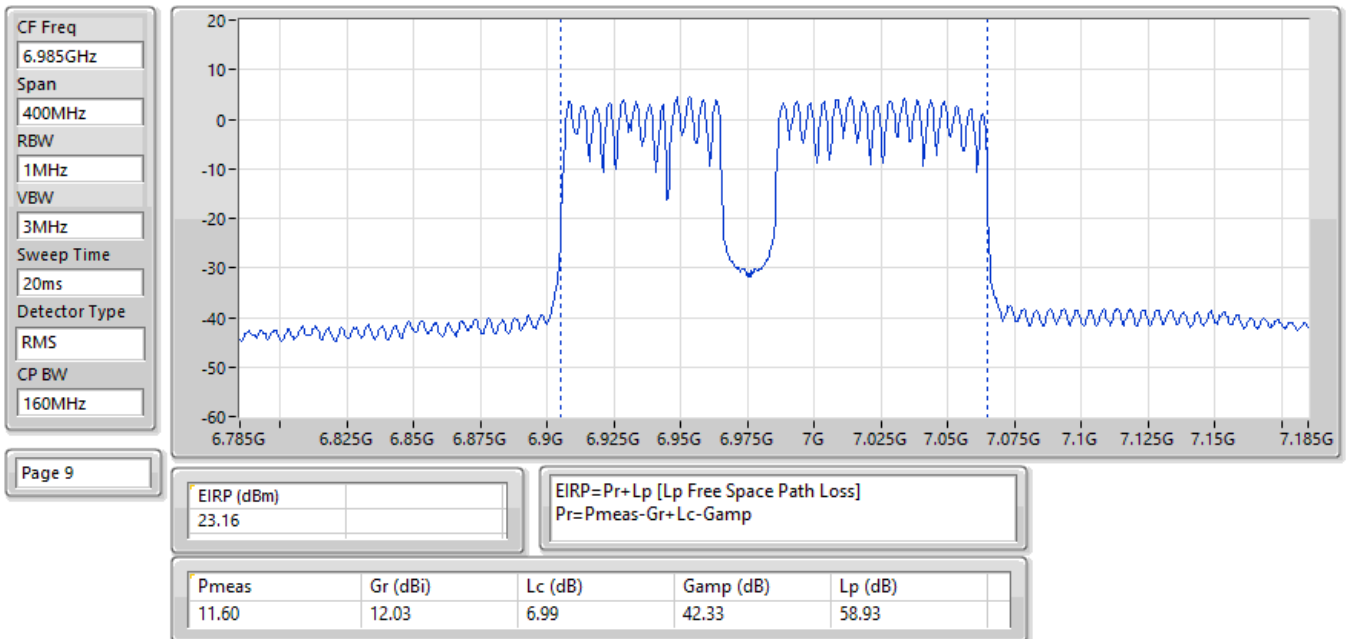
EIRP;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484+RU242 MRU 5;Nant:4;Ch:6025MHz;TX



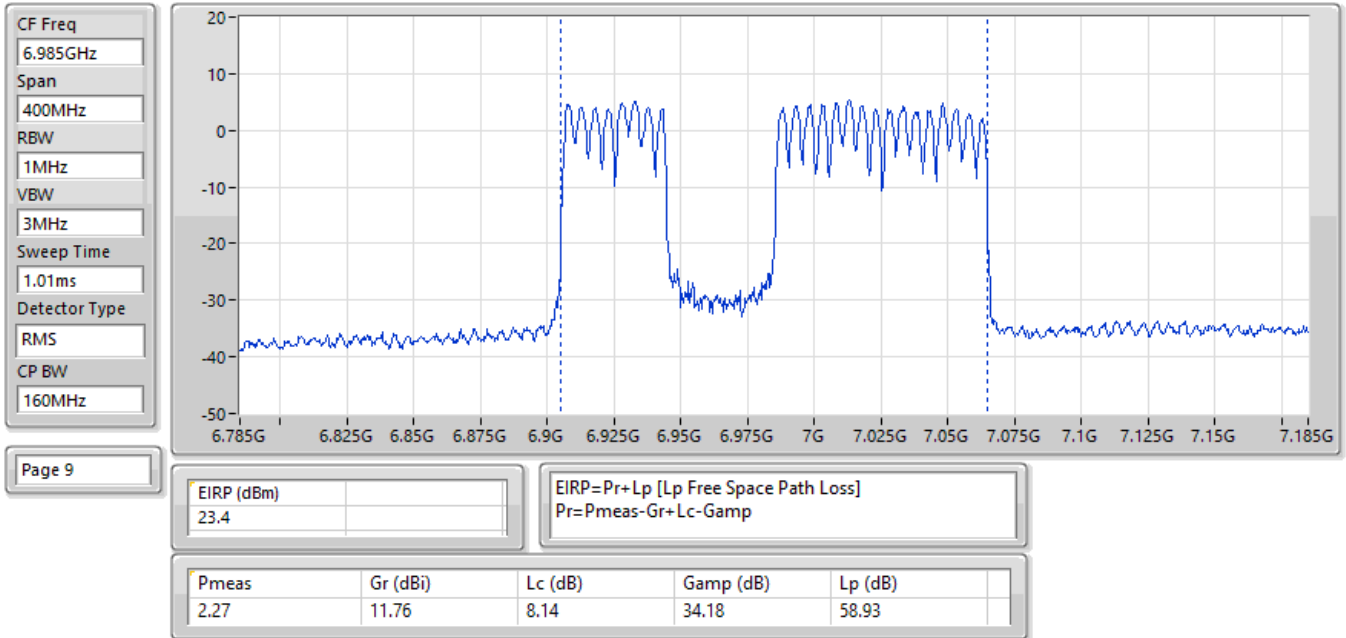
EIRP;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484 MRU 3;Nant:4;Ch:6025MHz;TX



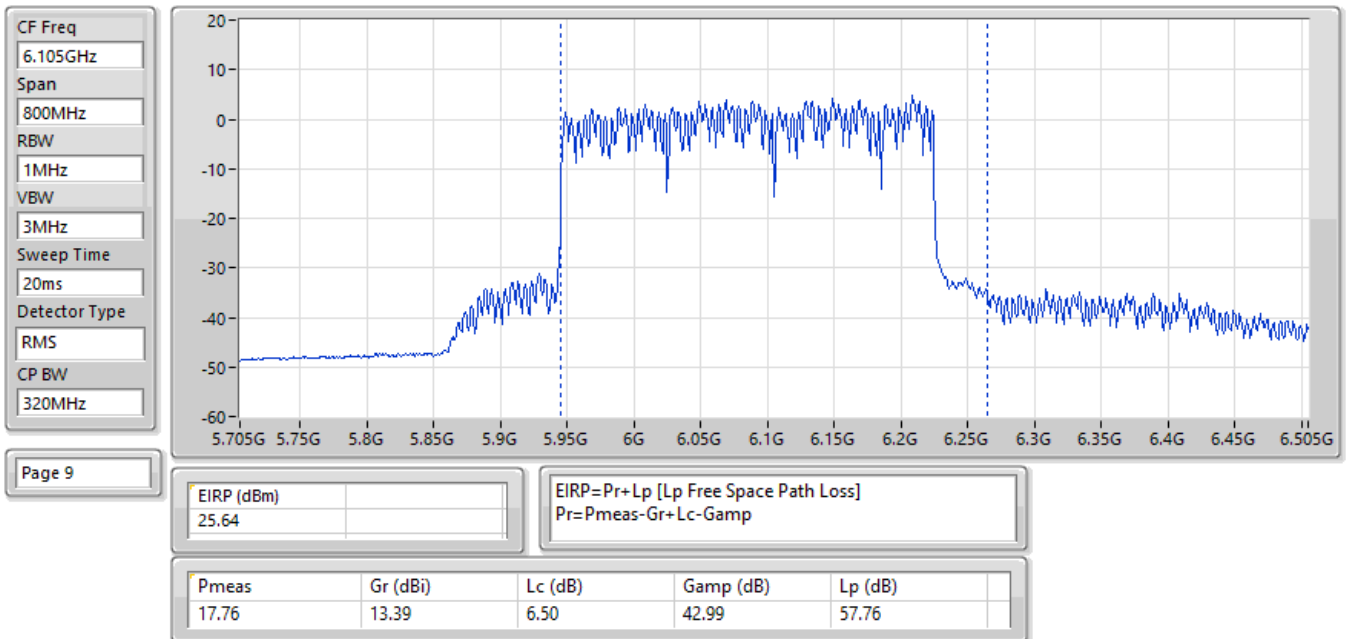
EIRP;Band:7.0G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484+RU242 MRU 4;Nant:4;Ch:6985MHz;TX



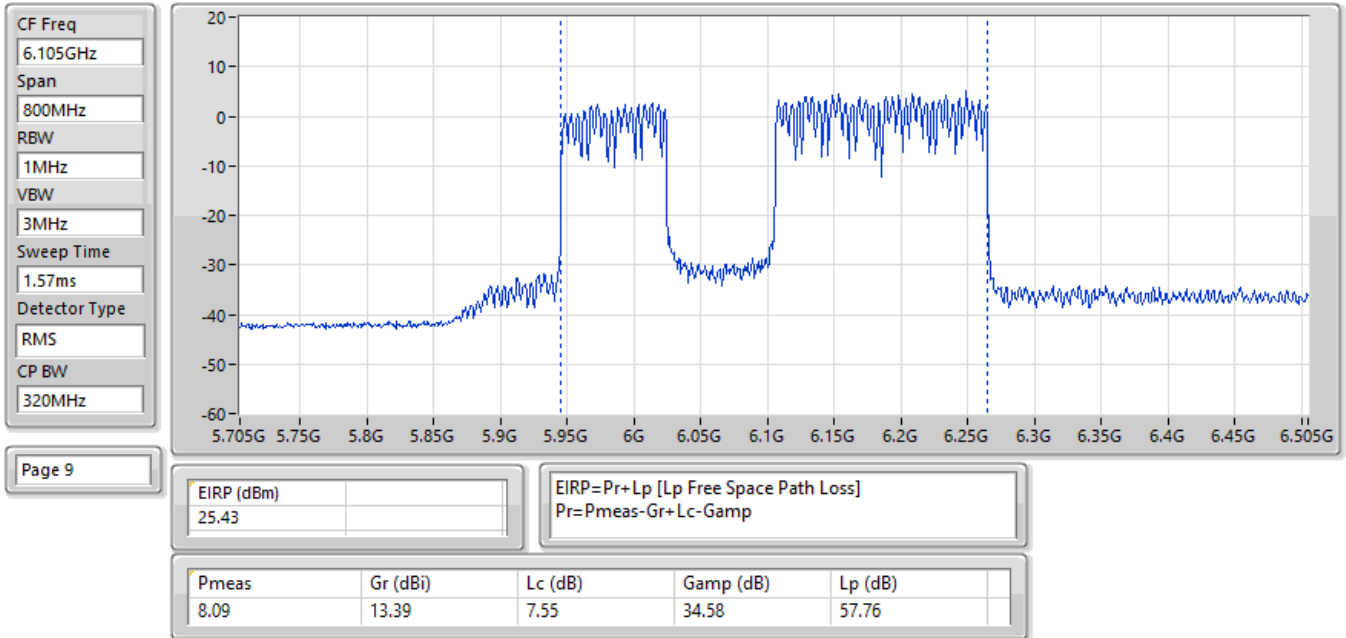
EIRP;Band:7.0G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484 MRU 2;Nant:4;Ch:6985MHz;TX



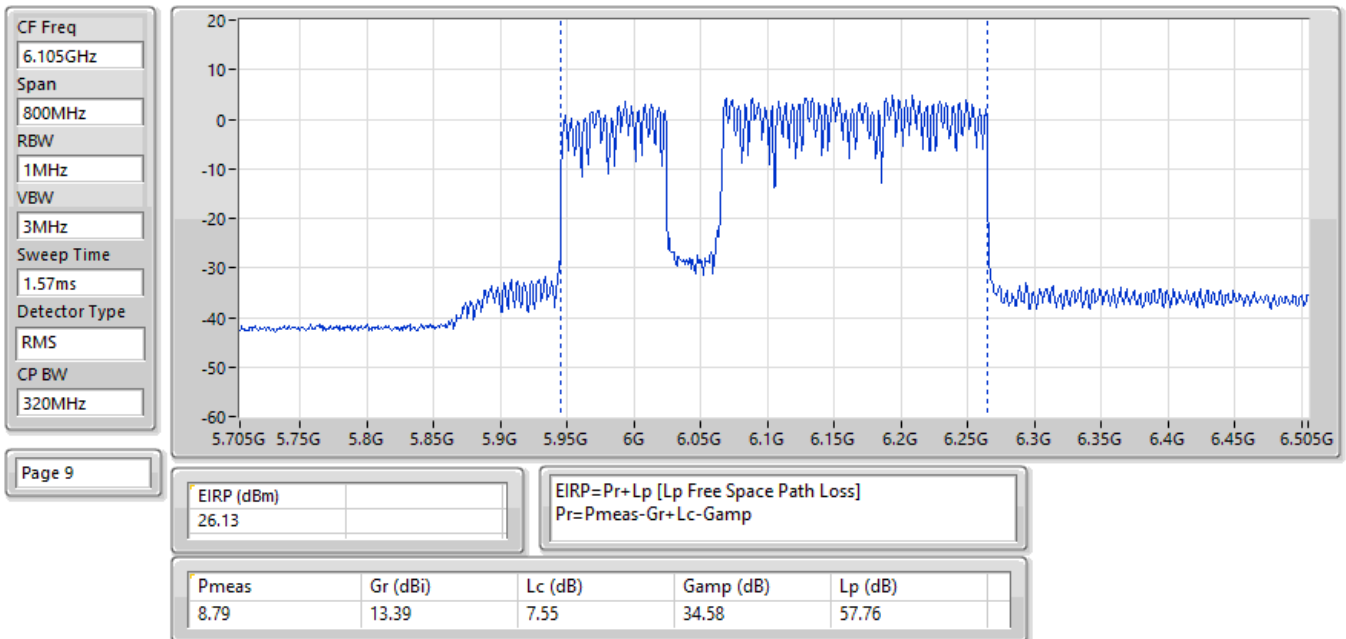
EIRP;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0),3xRU996+RU484 MRU 8;Nant:4;Ch:6105MHz;TX



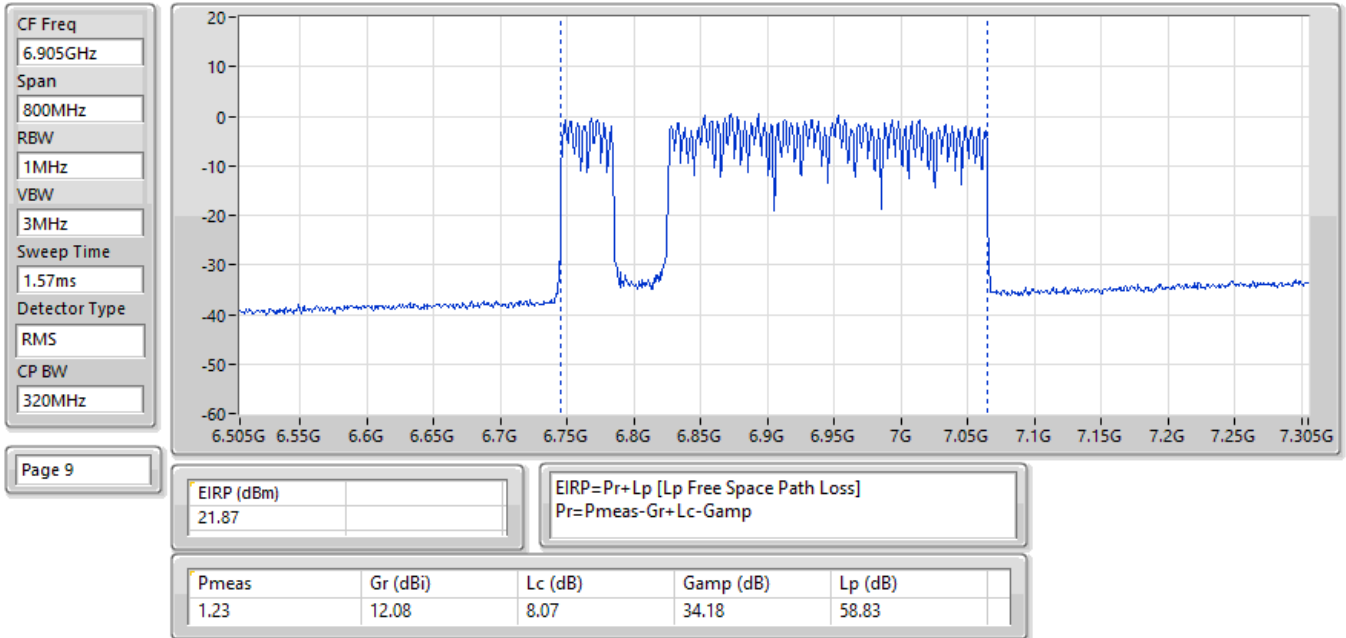
EIRP;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0),3xRU996 MRU 2;Nant:4;Ch:6105MHz;TX



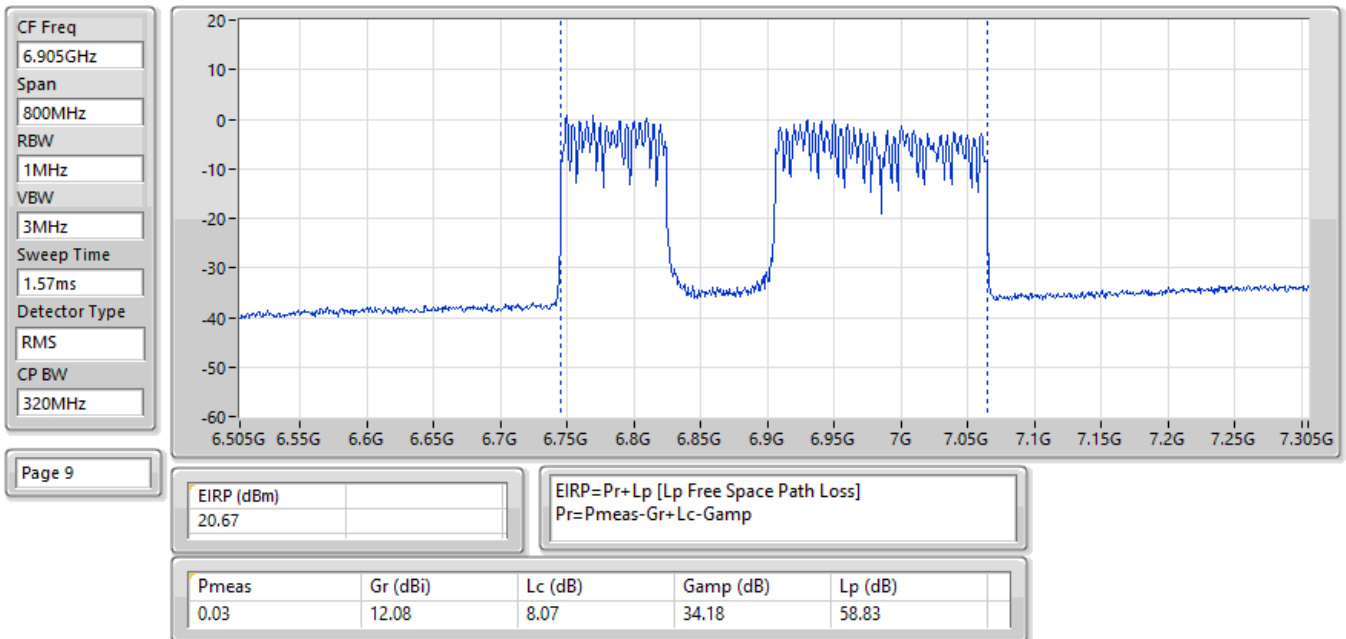
EIRP;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0),2xRU996+RU484 MRU 3;Nant:4;Ch:6105MHz;TX



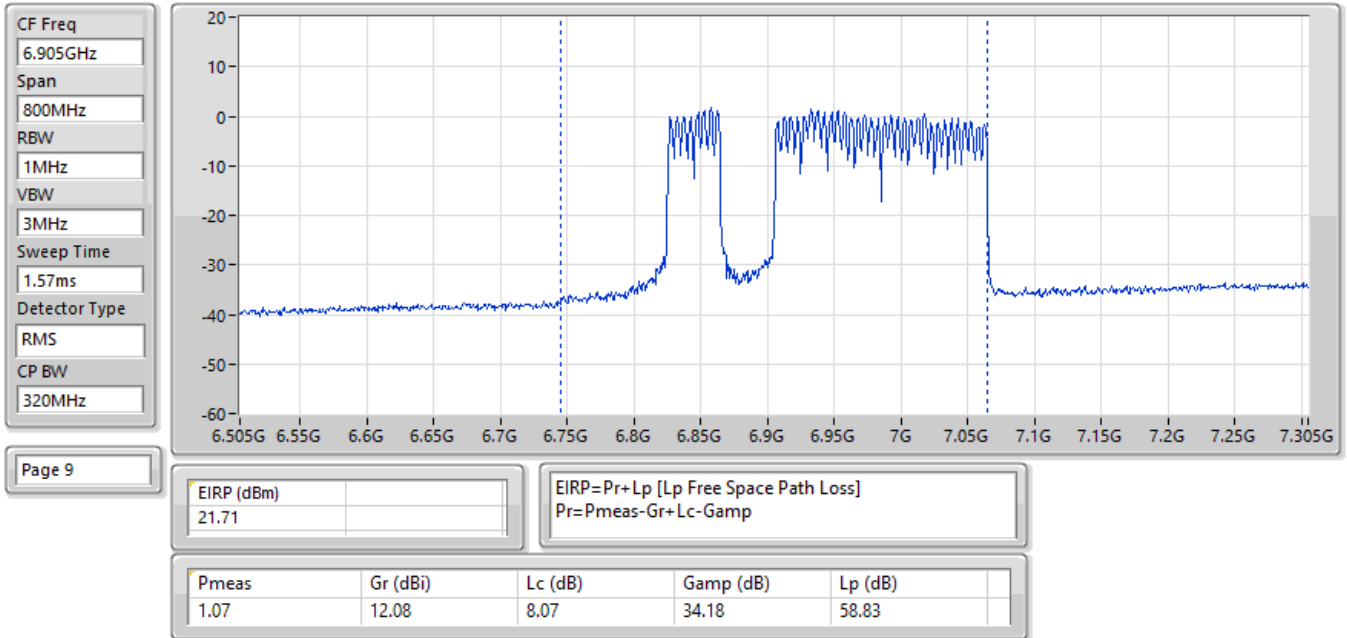
EIRP:Band:6.7G;be320;BWch:320MHz;Nss:1,(M0),3xRU996+RU484 MRU 2;Nant:4;Ch:6905MHz;TX



EIRP:Band:6.7G;be320;BWch:320MHz;Nss:1,(M0),3xRU996 MRU 2;Nant:4;Ch:6905MHz;TX



EIRP:Band:6.7G;be320;BWch:320MHz;Nss:1,(M0),2xRU996+RU484 MRU 8;Nant:4;Ch:6905MHz;TX



**Summary**

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT20_Nss1,(MCS0)_4TX	4.98
802.11be EHT20-BF_Nss1,(MCS0)_4TX	4.97
802.11be EHT40_Nss1,(MCS0)_4TX	4.92
802.11be EHT40-BF_Nss1,(MCS0)_4TX	4.90
802.11be EHT80_Nss1,(MCS0)_4TX	4.94
802.11be EHT80-BF_Nss1,(MCS0)_4TX	4.88
802.11be EHT160_Nss1,(MCS0)_4TX	4.87
802.11be EHT160-BF_Nss1,(MCS0)_4TX	4.88
802.11be EHT320_Nss1,(MCS0)_4TX	4.73
802.11be EHT320-BF_Nss1,(MCS0)_4TX	4.98
6.425-6.525GHz	-
802.11be EHT20_Nss1,(MCS0)_4TX	4.91
802.11be EHT20-BF_Nss1,(MCS0)_4TX	4.77
802.11be EHT40_Nss1,(MCS0)_4TX	4.83
802.11be EHT40-BF_Nss1,(MCS0)_4TX	4.93
802.11be EHT80_Nss1,(MCS0)_4TX	4.96
802.11be EHT80-BF_Nss1,(MCS0)_4TX	4.91
802.11be EHT160_Nss1,(MCS0)_4TX	4.86
802.11be EHT160-BF_Nss1,(MCS0)_4TX	4.91
6.525-6.875GHz	-
802.11be EHT20_Nss1,(MCS0)_4TX	4.96
802.11be EHT20-BF_Nss1,(MCS0)_4TX	4.81
802.11be EHT40_Nss1,(MCS0)_4TX	4.99
802.11be EHT40-BF_Nss1,(MCS0)_4TX	4.90
802.11be EHT80_Nss1,(MCS0)_4TX	4.89
802.11be EHT80-BF_Nss1,(MCS0)_4TX	4.95
802.11be EHT160_Nss1,(MCS0)_4TX	4.97
802.11be EHT160-BF_Nss1,(MCS0)_4TX	4.96
802.11be EHT320_Nss1,(MCS0)_4TX	4.97
802.11be EHT320-BF_Nss1,(MCS0)_4TX	4.91
6.875-7.125GHz	-
802.11be EHT20_Nss1,(MCS0)_4TX	4.96
802.11be EHT20-BF_Nss1,(MCS0)_4TX	4.95
802.11be EHT40_Nss1,(MCS0)_4TX	4.91
802.11be EHT40-BF_Nss1,(MCS0)_4TX	4.95
802.11be EHT80_Nss1,(MCS0)_4TX	4.88
802.11be EHT80-BF_Nss1,(MCS0)_4TX	4.96
802.11be EHT160_Nss1,(MCS0)_4TX	4.92
802.11be EHT160-BF_Nss1,(MCS0)_4TX	4.83

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

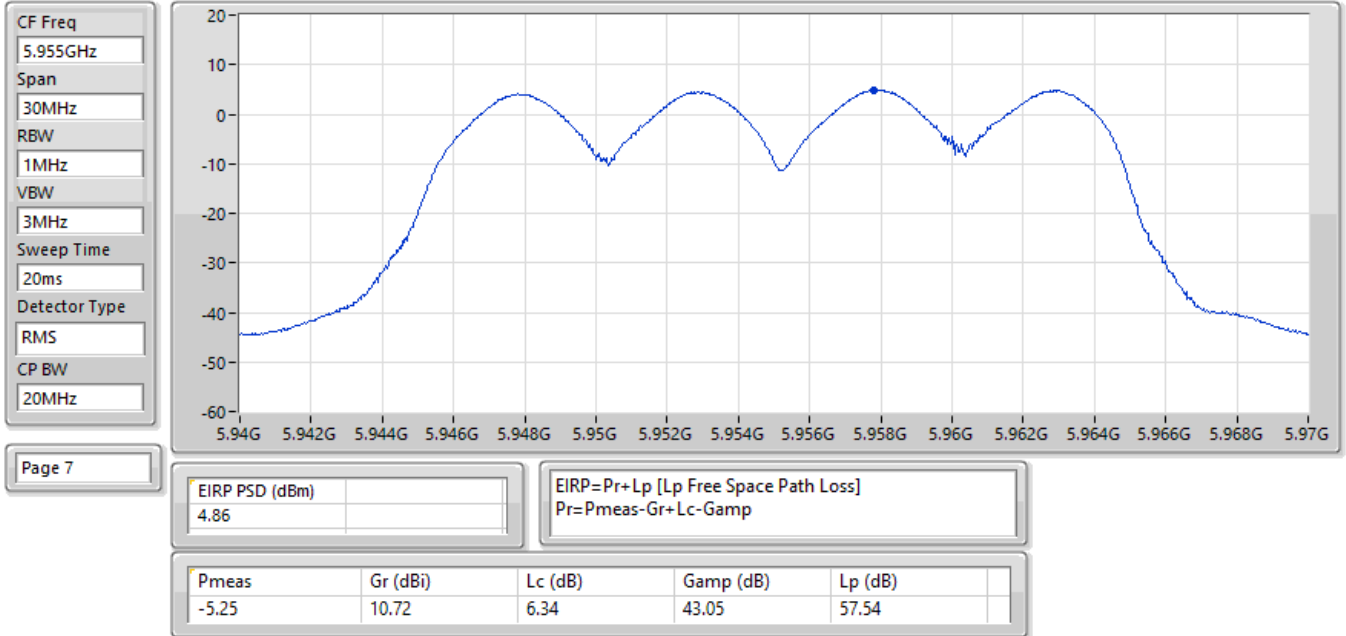
Result

Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	4.86	5.00
6195MHz	Pass	4.98	5.00
6415MHz	Pass	4.76	5.00
6435MHz	Pass	4.91	5.00
6475MHz	Pass	4.85	5.00
6515MHz	Pass	4.84	5.00
6535MHz	Pass	4.93	5.00
6695MHz	Pass	4.90	5.00
6875MHz Straddle 6.525-6.875GHz	Pass	4.96	5.00
6895MHz	Pass	4.96	5.00
6995MHz	Pass	4.81	5.00
7095MHz	Pass	4.91	5.00
7115MHz	Pass	-0.66	5.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	4.92	5.00
6205MHz	Pass	4.90	5.00
6405MHz	Pass	4.79	5.00
6445MHz	Pass	4.78	5.00
6485MHz	Pass	4.83	5.00
6525MHz Straddle 6.425-6.525GHz	Pass	4.78	5.00
6565MHz	Pass	4.99	5.00
6685MHz	Pass	4.81	5.00
6885MHz Straddle 6.525-6.875GHz	Pass	4.76	5.00
6925MHz	Pass	4.84	5.00
7005MHz	Pass	4.91	5.00
7085MHz	Pass	4.81	5.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	4.86	5.00
6225MHz	Pass	4.94	5.00
6385MHz	Pass	4.81	5.00
6465MHz	Pass	4.96	5.00
6545MHz Straddle 6.425-6.525GHz	Pass	4.83	5.00
6625MHz	Pass	4.89	5.00
6705MHz	Pass	4.82	5.00
6785MHz	Pass	4.78	5.00
6865MHz Straddle 6.525-6.875GHz	Pass	4.81	5.00
6945MHz	Pass	4.88	5.00
7025MHz	Pass	4.86	5.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	4.87	5.00
6185MHz	Pass	4.81	5.00
6345MHz	Pass	4.87	5.00
6505MHz Straddle 6.425-6.525GHz	Pass	4.86	5.00
6665MHz	Pass	4.91	5.00
6825MHz Straddle 6.525-6.875GHz	Pass	4.97	5.00
6985MHz	Pass	4.92	5.00
802.11be EHT320_Nss1,(MCS0)_4TX	-	-	-
6105MHz	Pass	4.67	5.00
6265MHz	Pass	4.73	5.00
6425MHz Straddle 5.925-6.425GHz	Pass	4.67	5.00
6585MHz Straddle 6.525-6.875GHz	Pass	4.61	5.00
6745MHz Straddle 6.525-6.875GHz	Pass	4.97	5.00
6905MHz Straddle 6.525-6.875GHz	Pass	0.49	5.00
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-

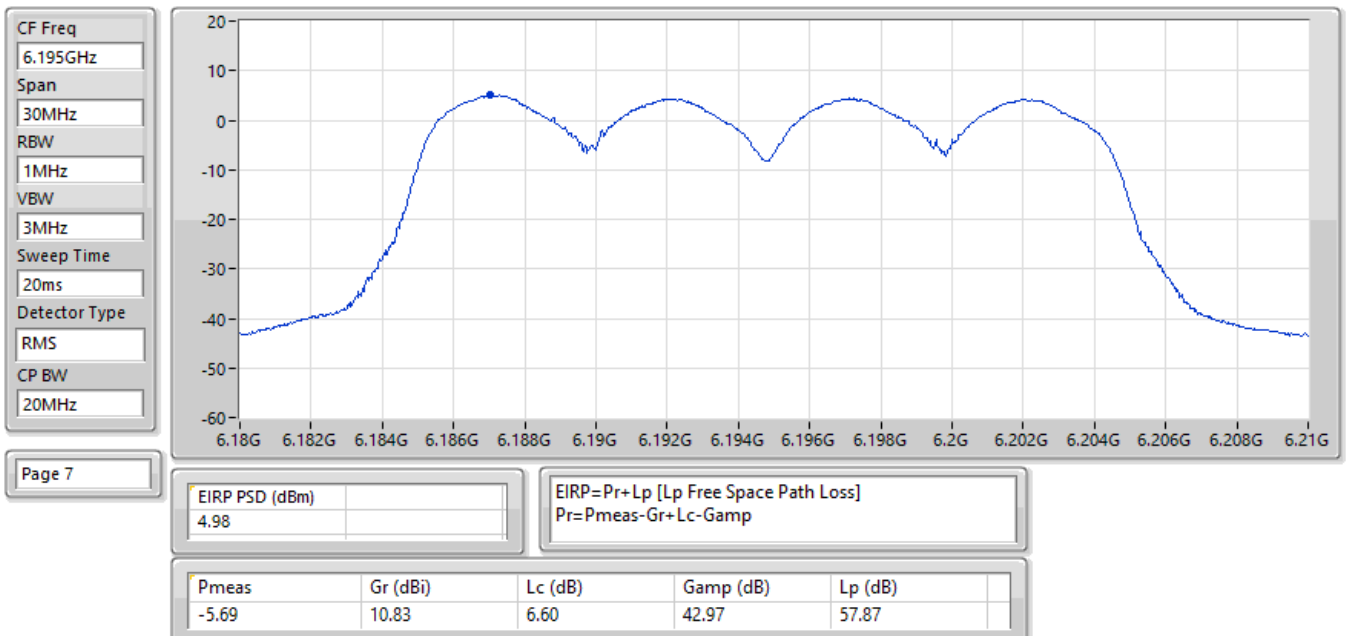
Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5955MHz	Pass	4.97	5.00
6195MHz	Pass	4.97	5.00
6415MHz	Pass	4.71	5.00
6435MHz	Pass	4.77	5.00
6475MHz	Pass	4.70	5.00
6515MHz	Pass	4.70	5.00
6535MHz	Pass	4.81	5.00
6695MHz	Pass	4.77	5.00
6875MHz Straddle 6.525-6.875GHz	Pass	4.81	5.00
6895MHz	Pass	4.70	5.00
6995MHz	Pass	4.77	5.00
7095MHz	Pass	4.95	5.00
7115MHz	Pass	-0.60	5.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	4.87	5.00
6205MHz	Pass	4.90	5.00
6405MHz	Pass	4.76	5.00
6445MHz	Pass	4.86	5.00
6485MHz	Pass	4.93	5.00
6525MHz Straddle 6.425-6.525GHz	Pass	4.91	5.00
6565MHz	Pass	4.88	5.00
6685MHz	Pass	4.90	5.00
6885MHz Straddle 6.525-6.875GHz	Pass	4.56	5.00
6925MHz	Pass	4.95	5.00
7005MHz	Pass	4.75	5.00
7085MHz	Pass	4.84	5.00
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	4.73	5.00
6225MHz	Pass	4.87	5.00
6385MHz	Pass	4.88	5.00
6465MHz	Pass	4.91	5.00
6545MHz Straddle 6.425-6.525GHz	Pass	4.89	5.00
6625MHz	Pass	4.83	5.00
6705MHz	Pass	4.95	5.00
6785MHz	Pass	4.87	5.00
6865MHz Straddle 6.525-6.875GHz	Pass	4.80	5.00
6945MHz	Pass	4.96	5.00
7025MHz	Pass	4.54	5.00
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	4.88	5.00
6185MHz	Pass	4.76	5.00
6345MHz	Pass	4.86	5.00
6505MHz Straddle 6.425-6.525GHz	Pass	4.91	5.00
6665MHz	Pass	4.94	5.00
6825MHz Straddle 6.525-6.875GHz	Pass	4.96	5.00
6985MHz	Pass	4.83	5.00
802.11be EHT320-BF_Nss1,(MCS0)_4TX	-	-	-
6105MHz	Pass	4.81	5.00
6265MHz	Pass	4.98	5.00
6425MHz Straddle 5.925-6.425GHz	Pass	4.81	5.00
6585MHz Straddle 6.525-6.875GHz	Pass	4.90	5.00
6745MHz Straddle 6.525-6.875GHz	Pass	4.91	5.00
6905MHz Straddle 6.525-6.875GHz	Pass	1.77	5.00

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

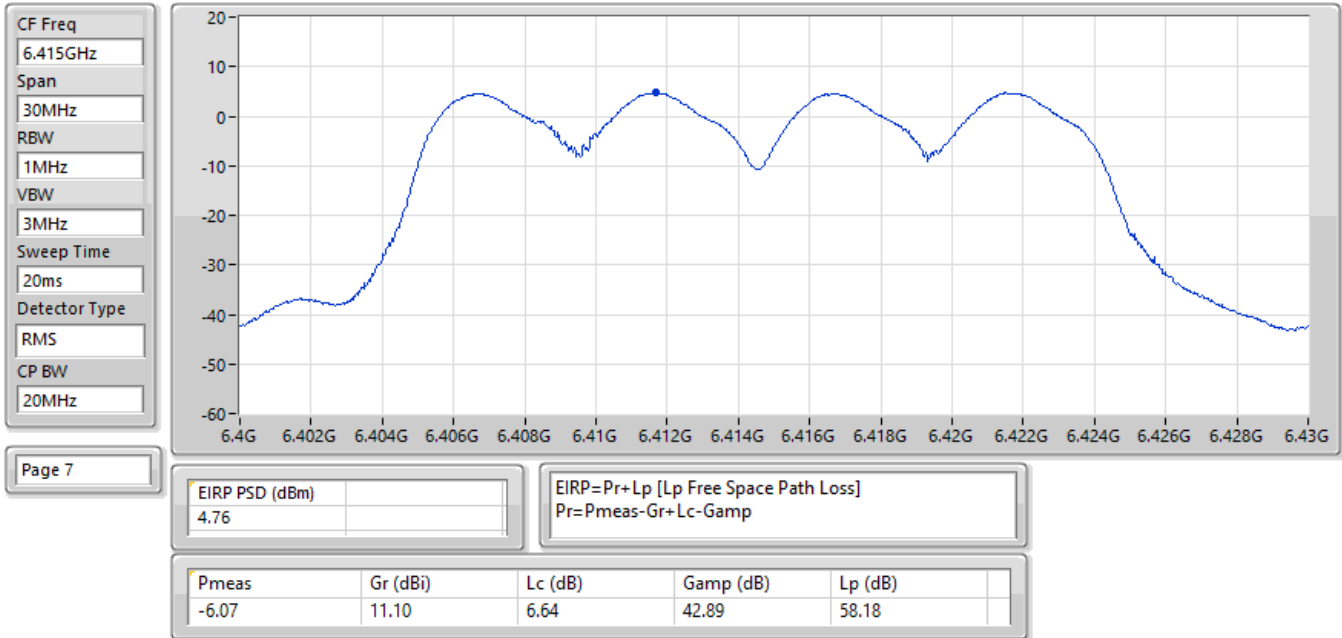
EIRP PSD;Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5955MHz;TX



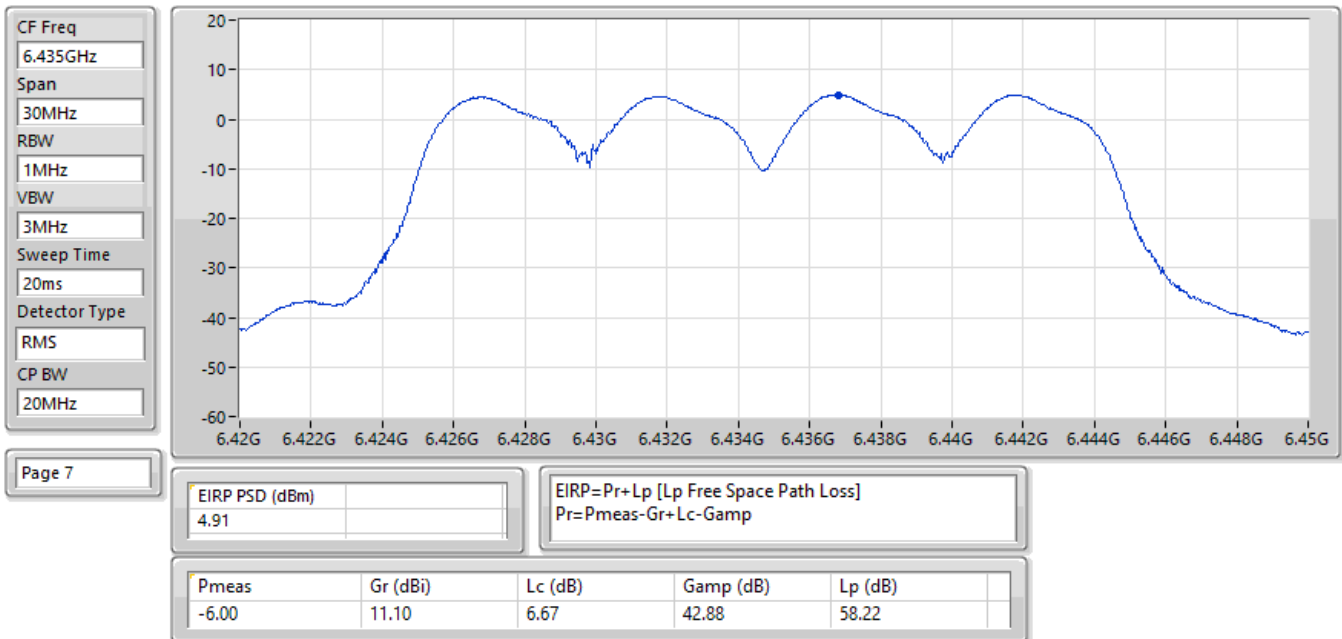
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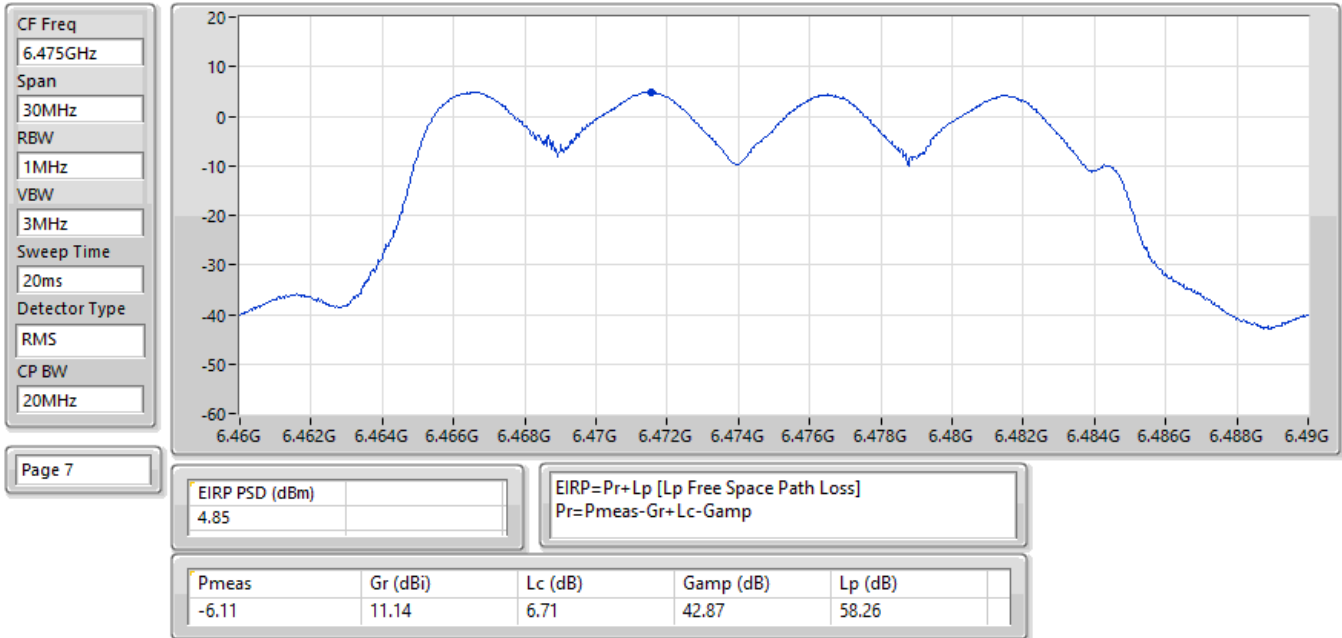
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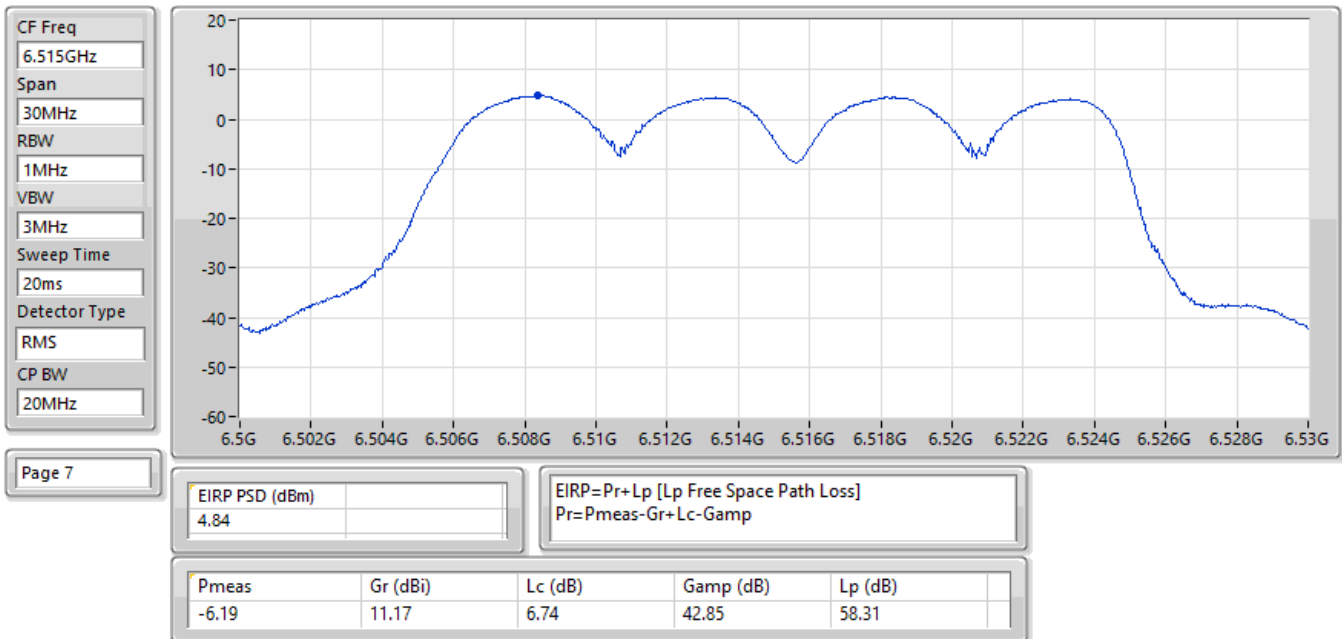
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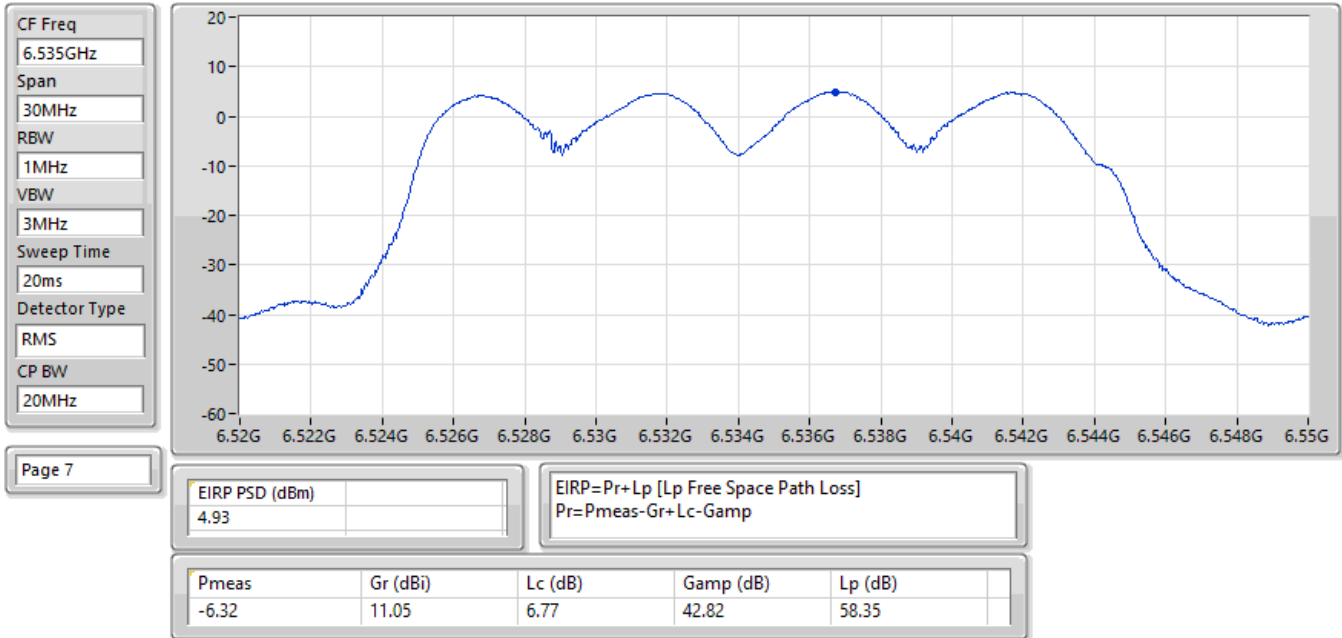
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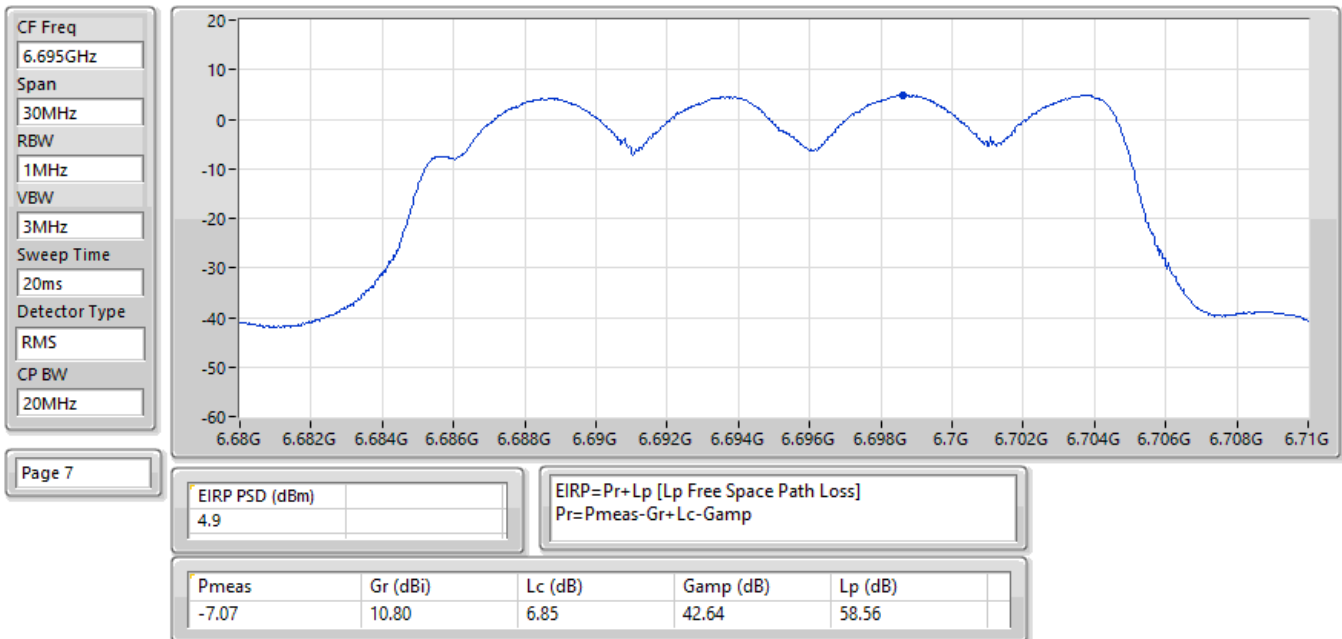
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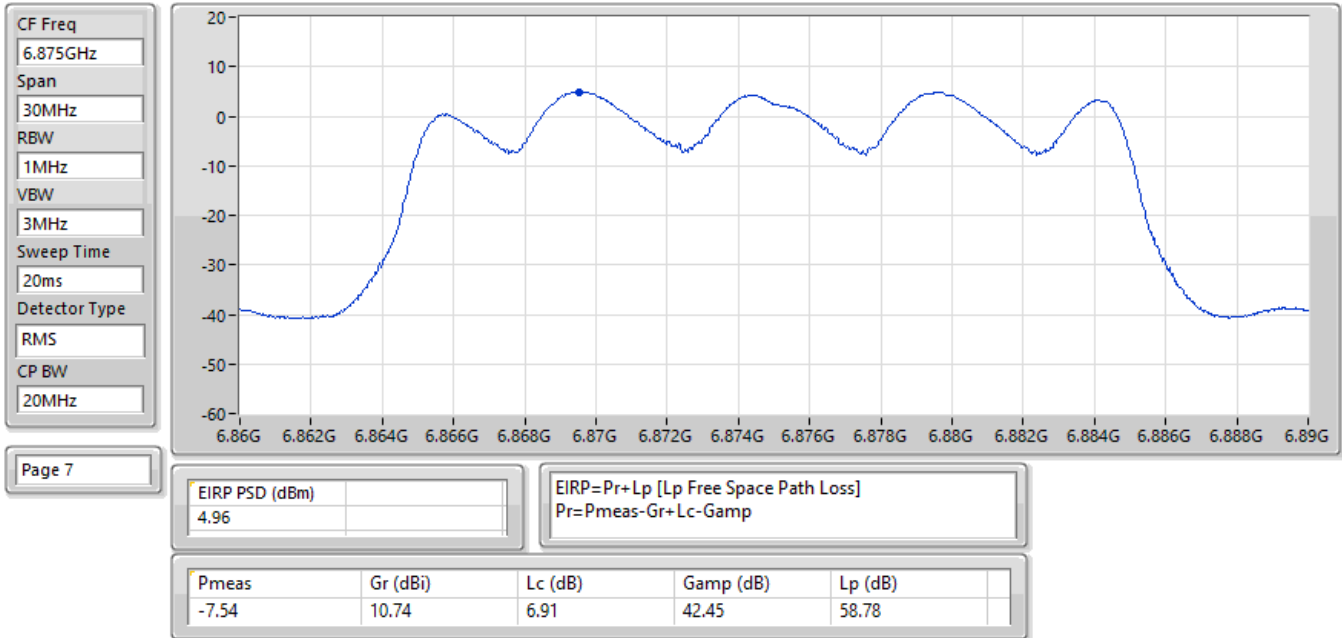
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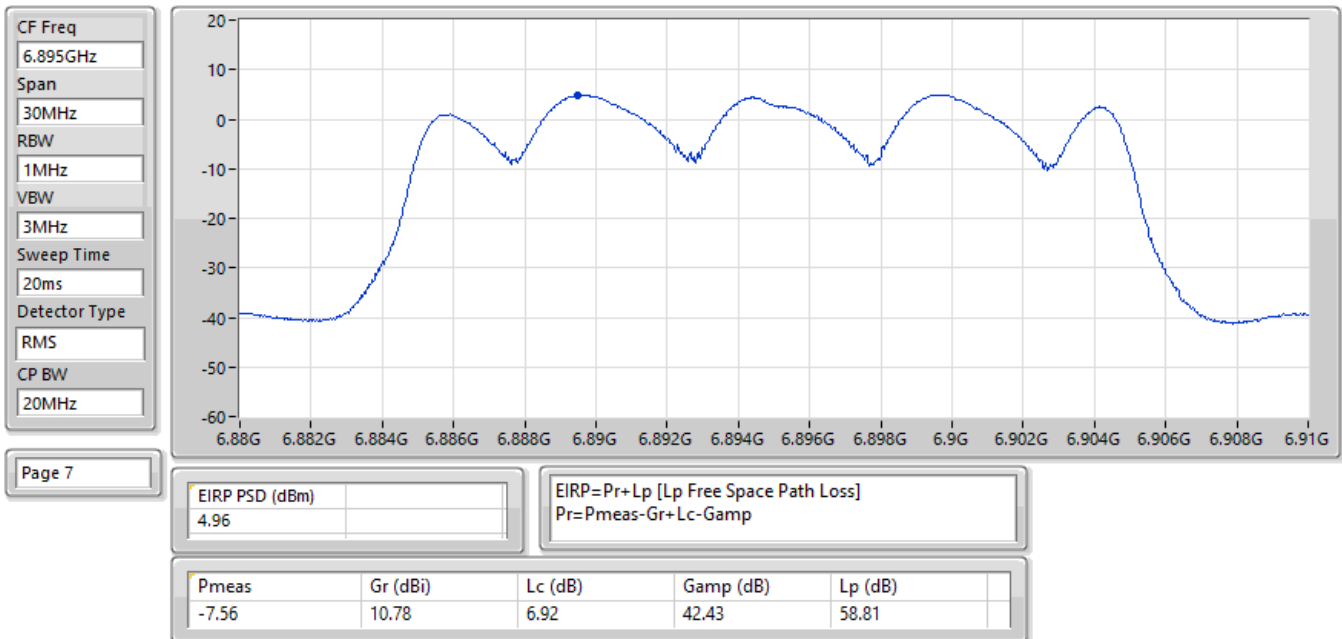
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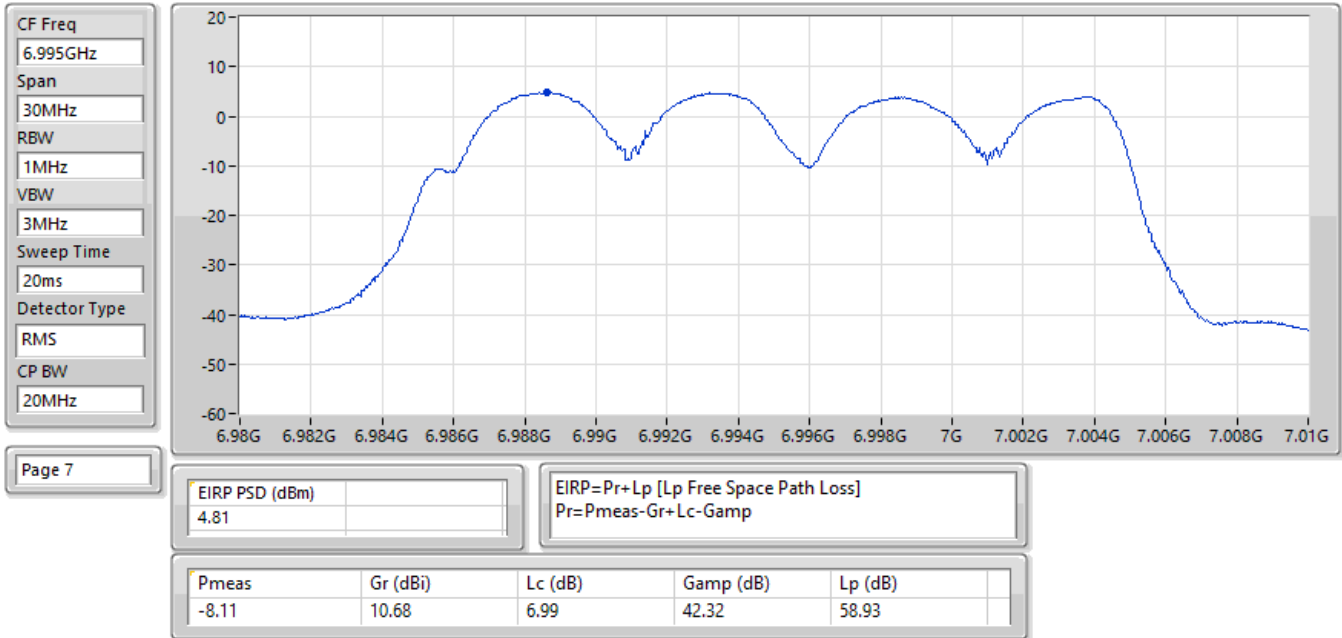
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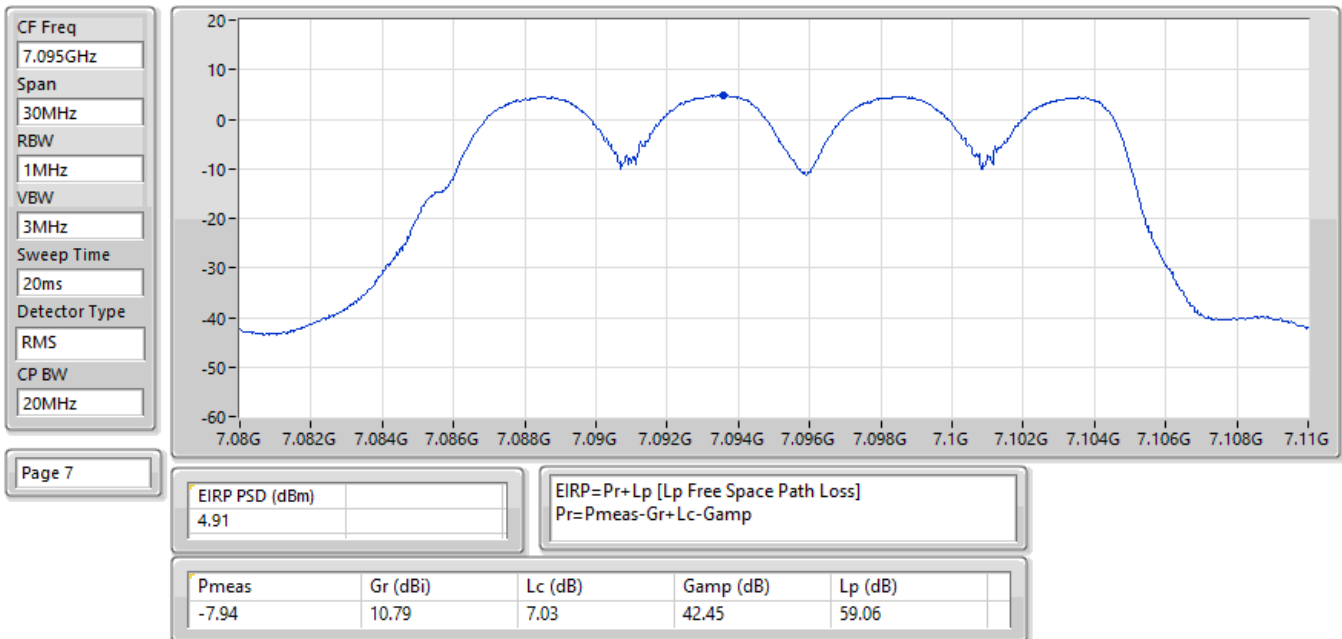
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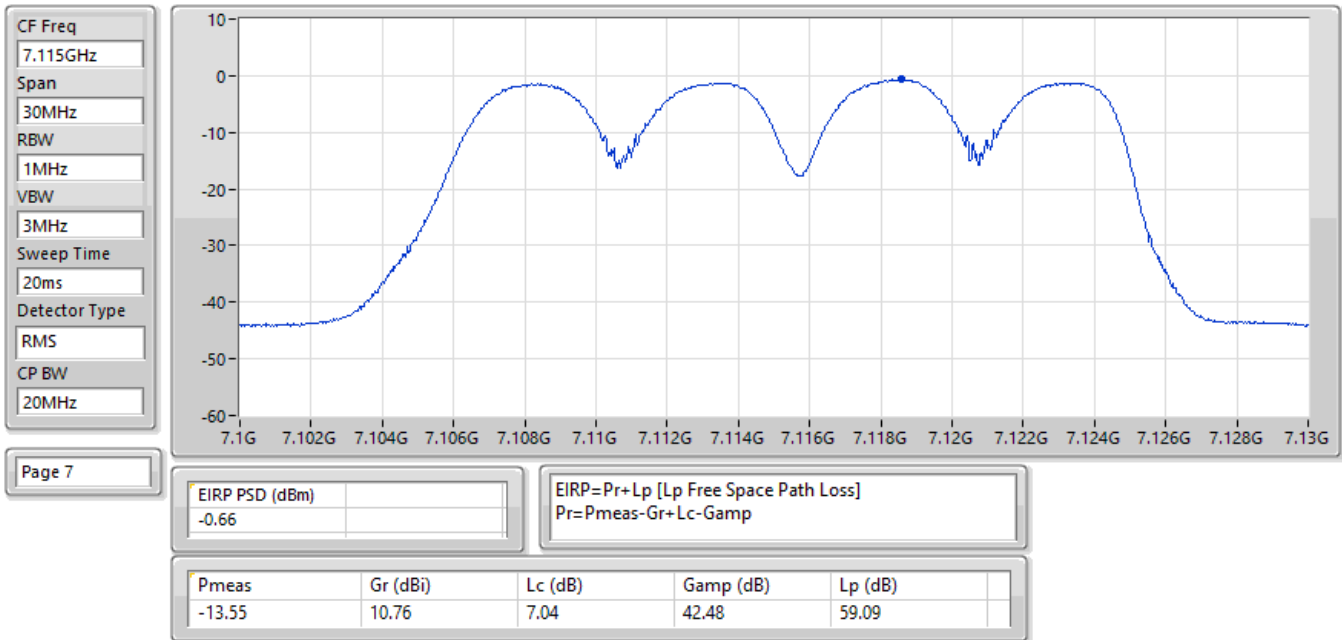
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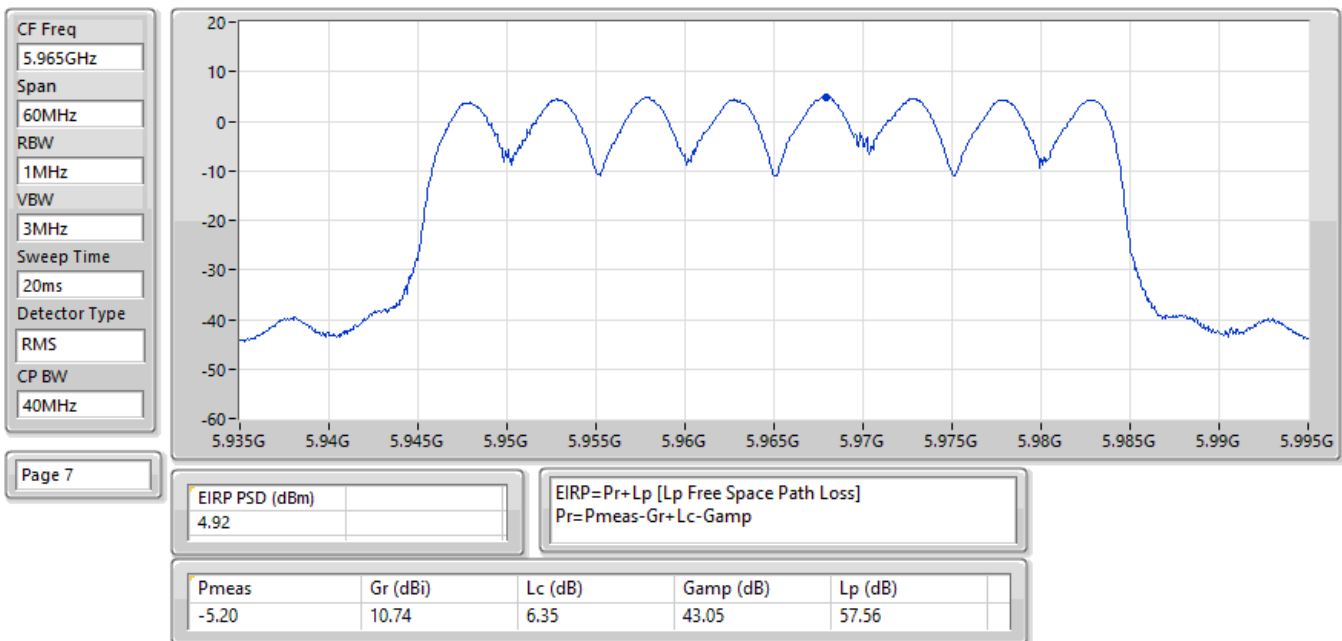
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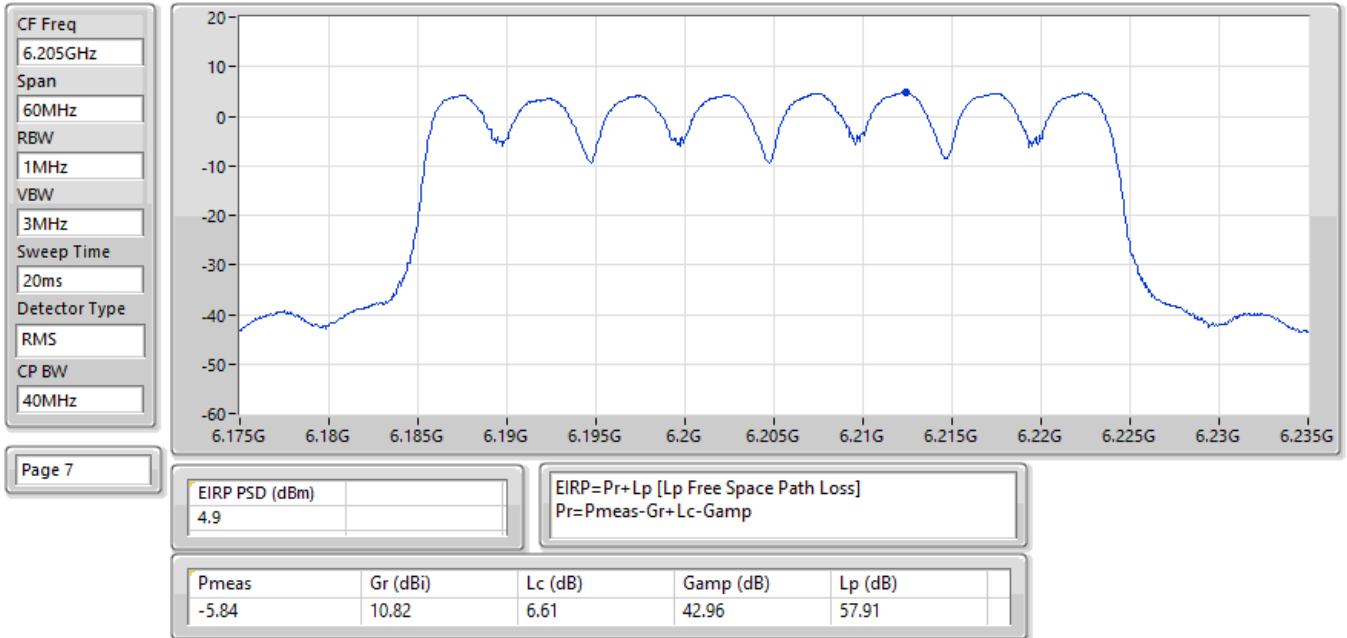
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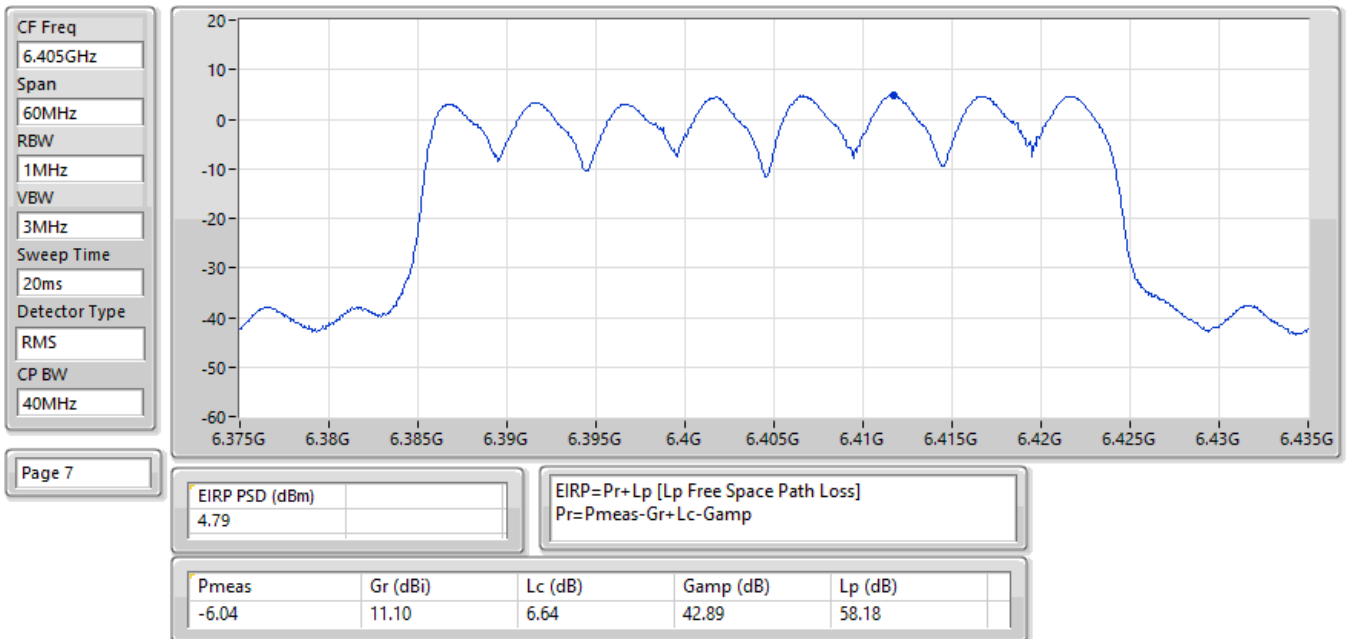
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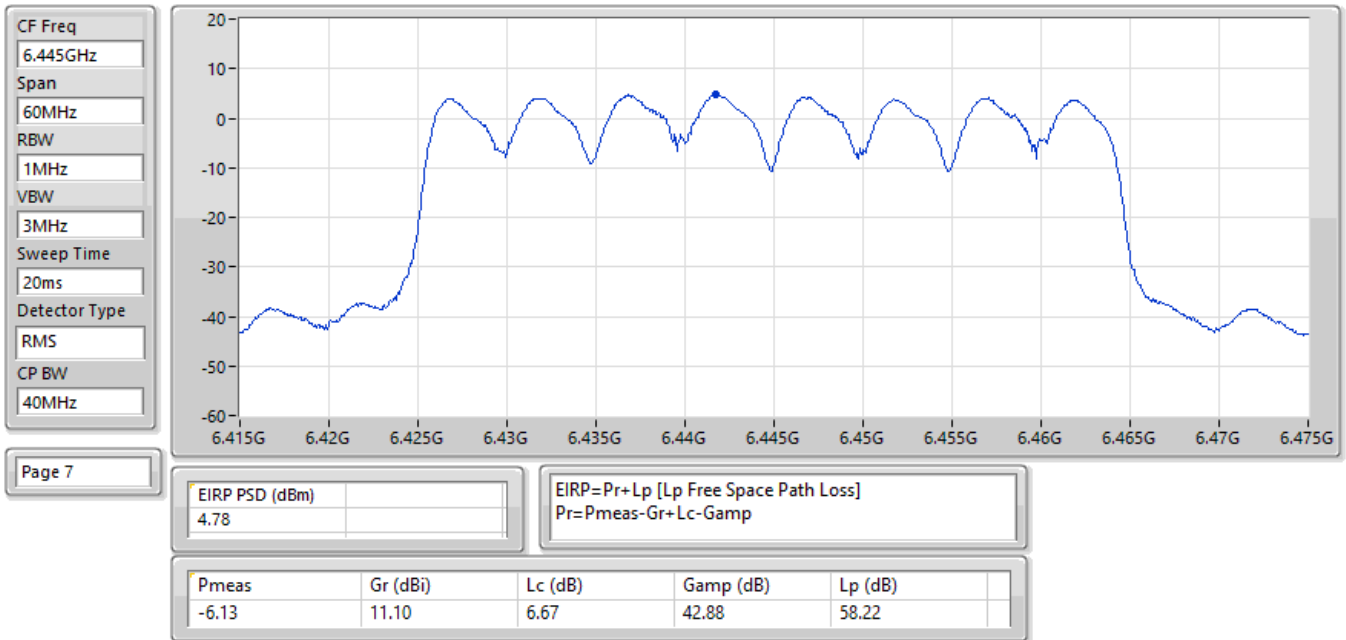
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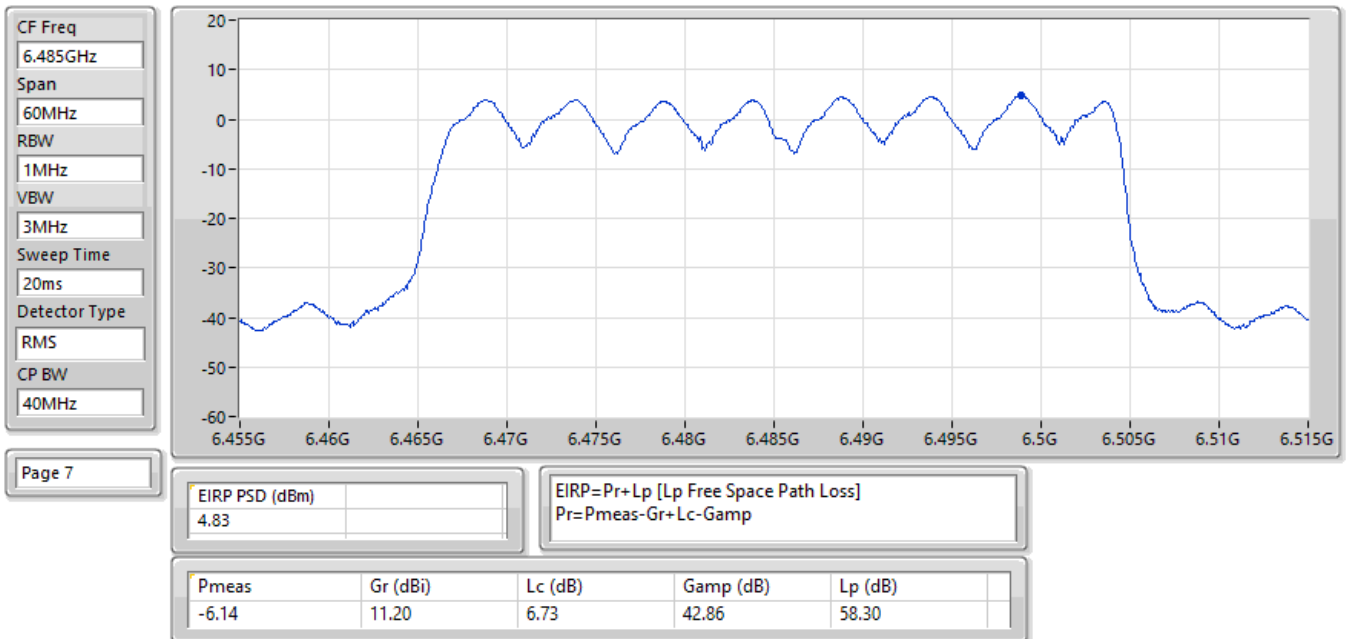
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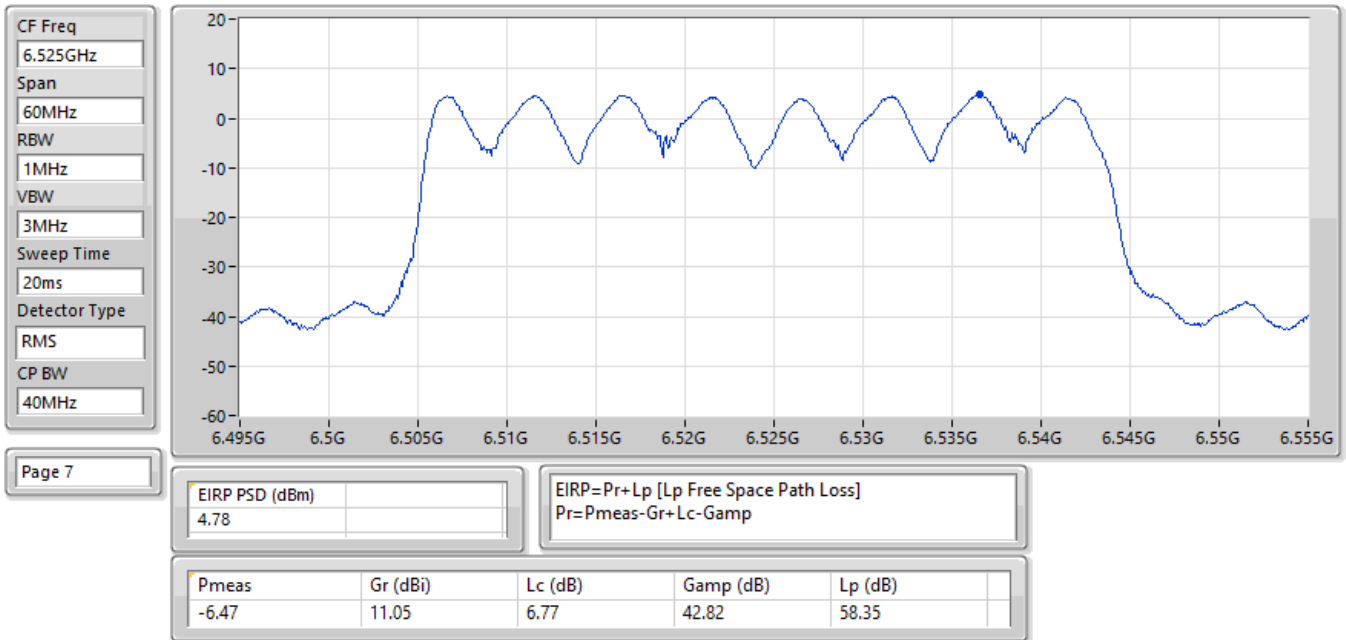
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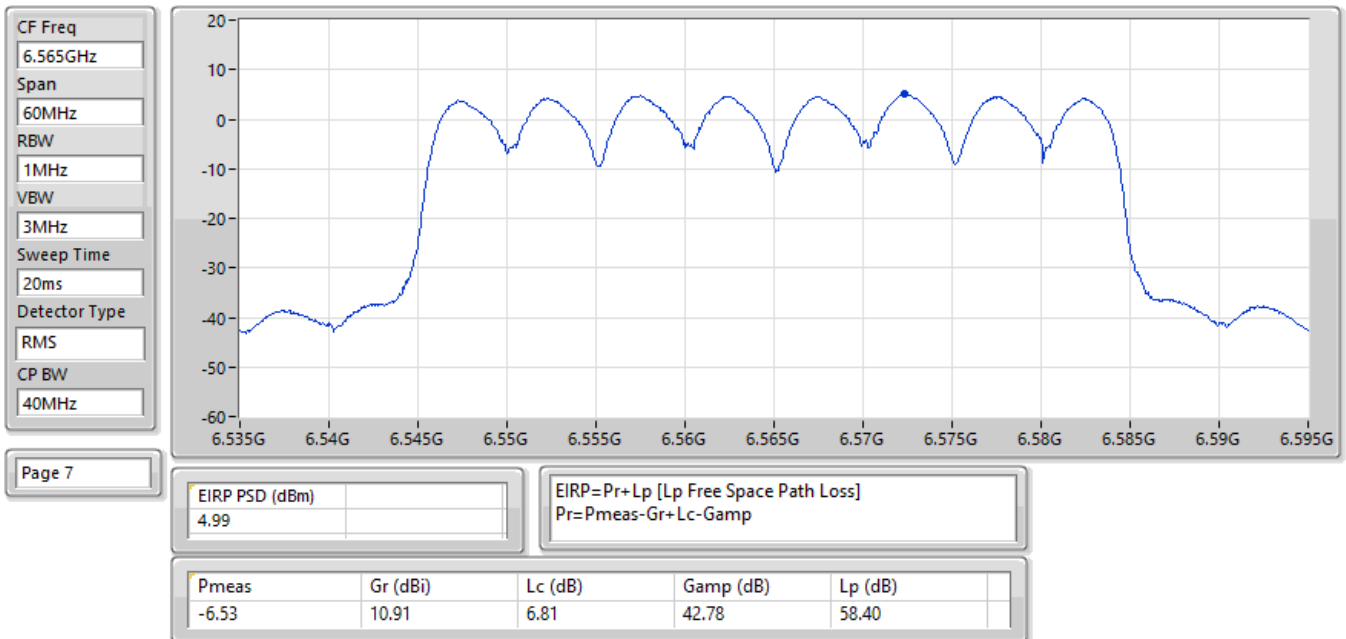
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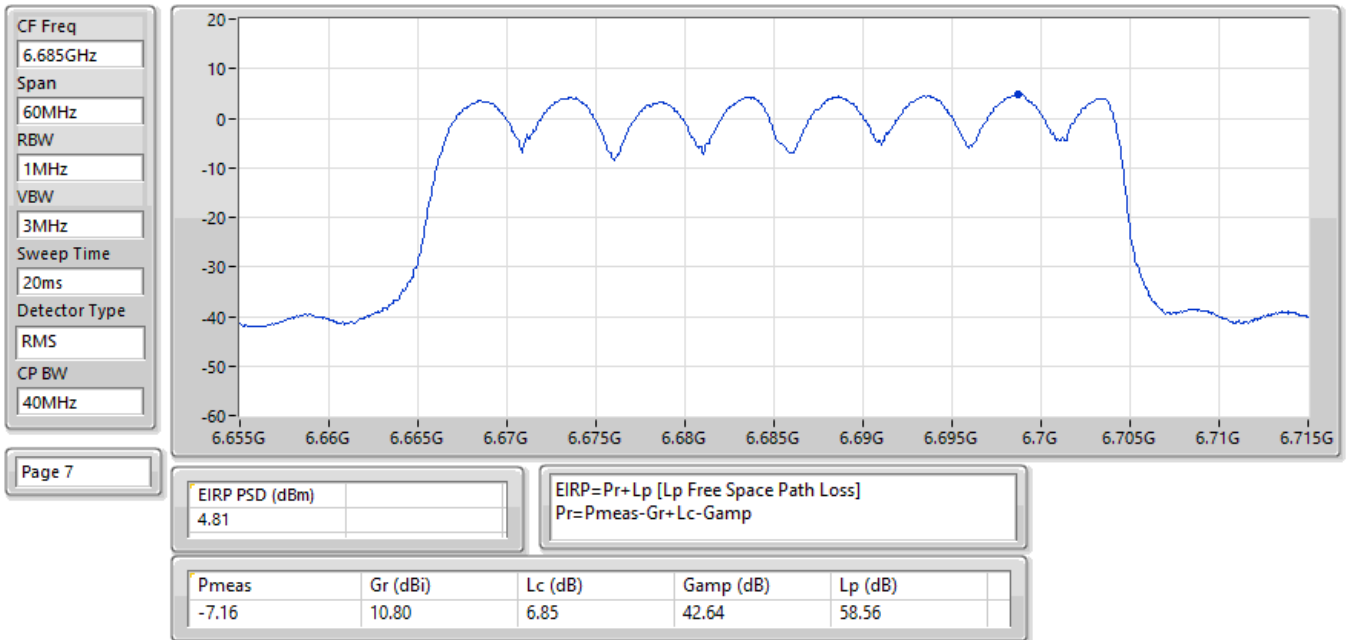
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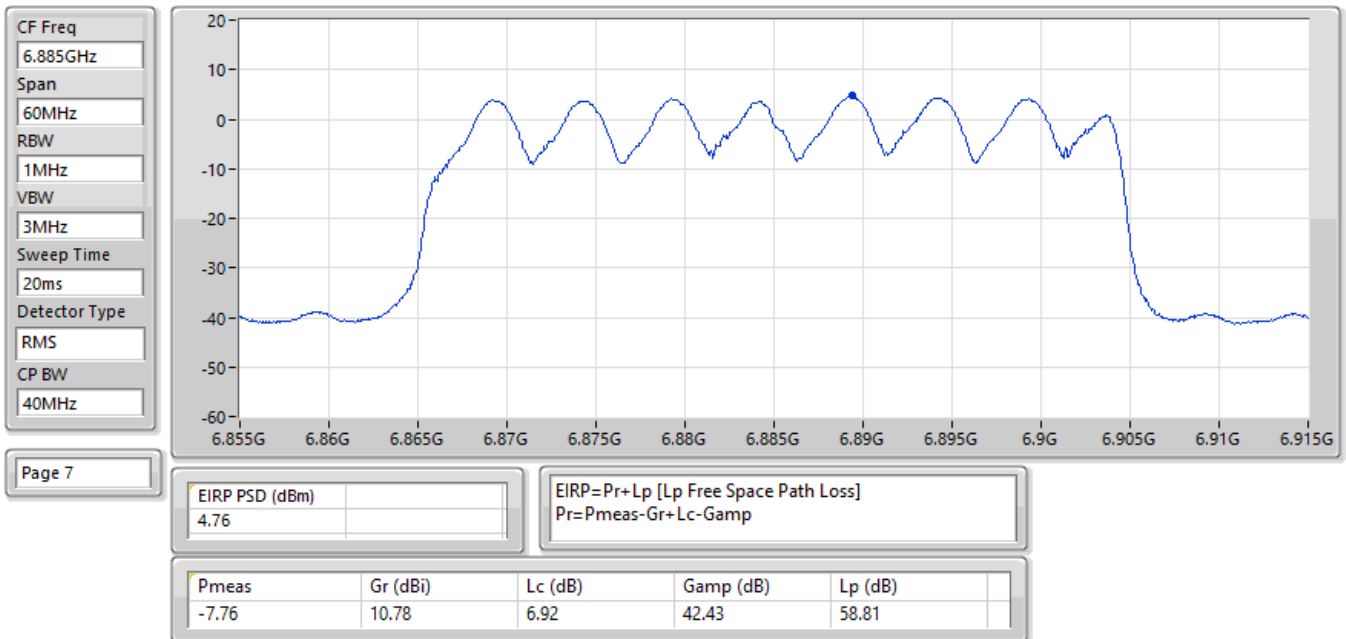
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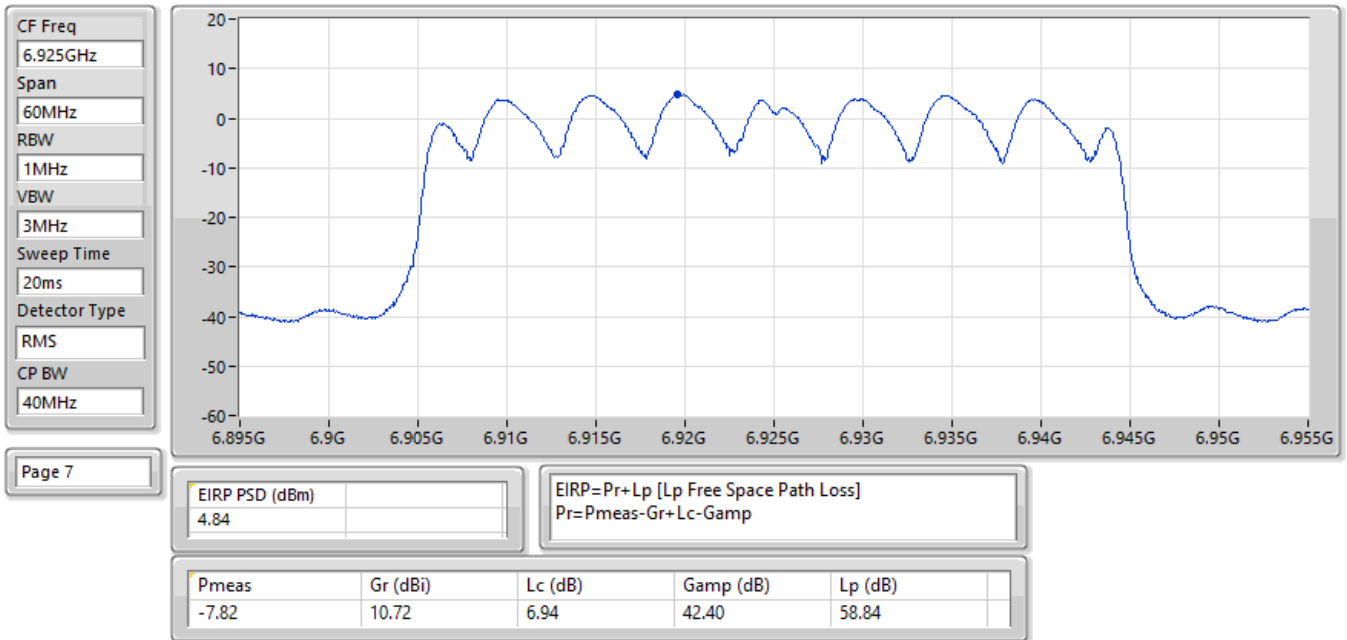
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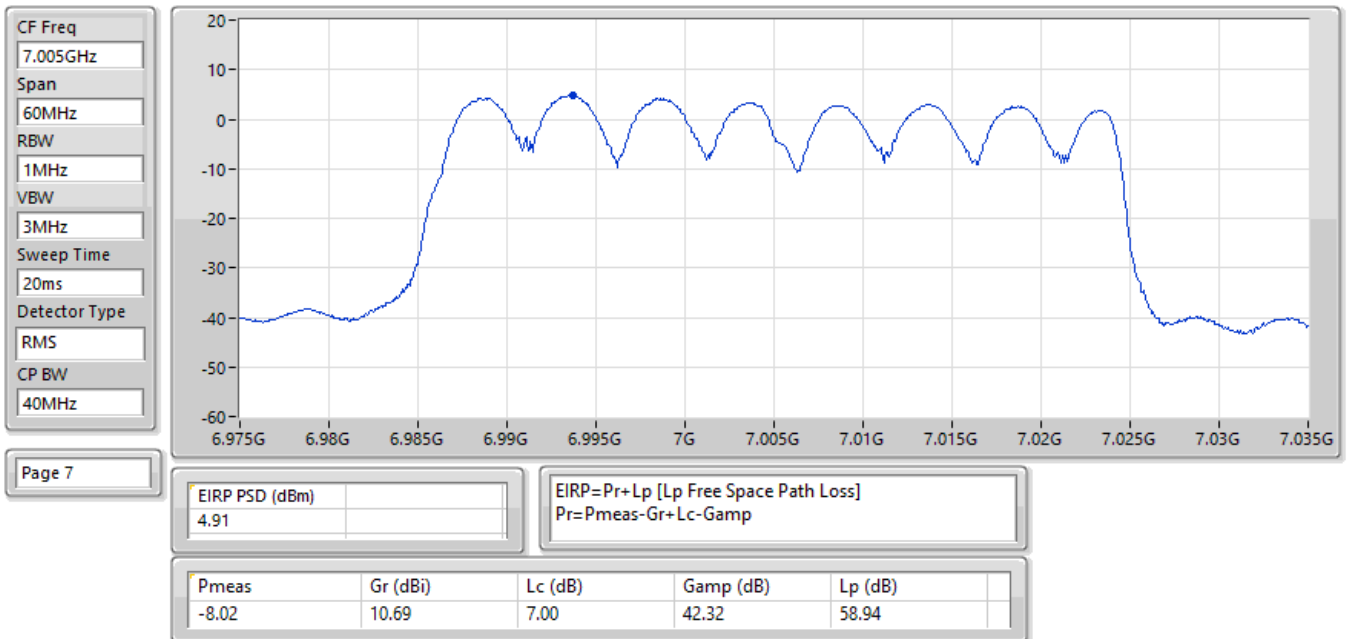
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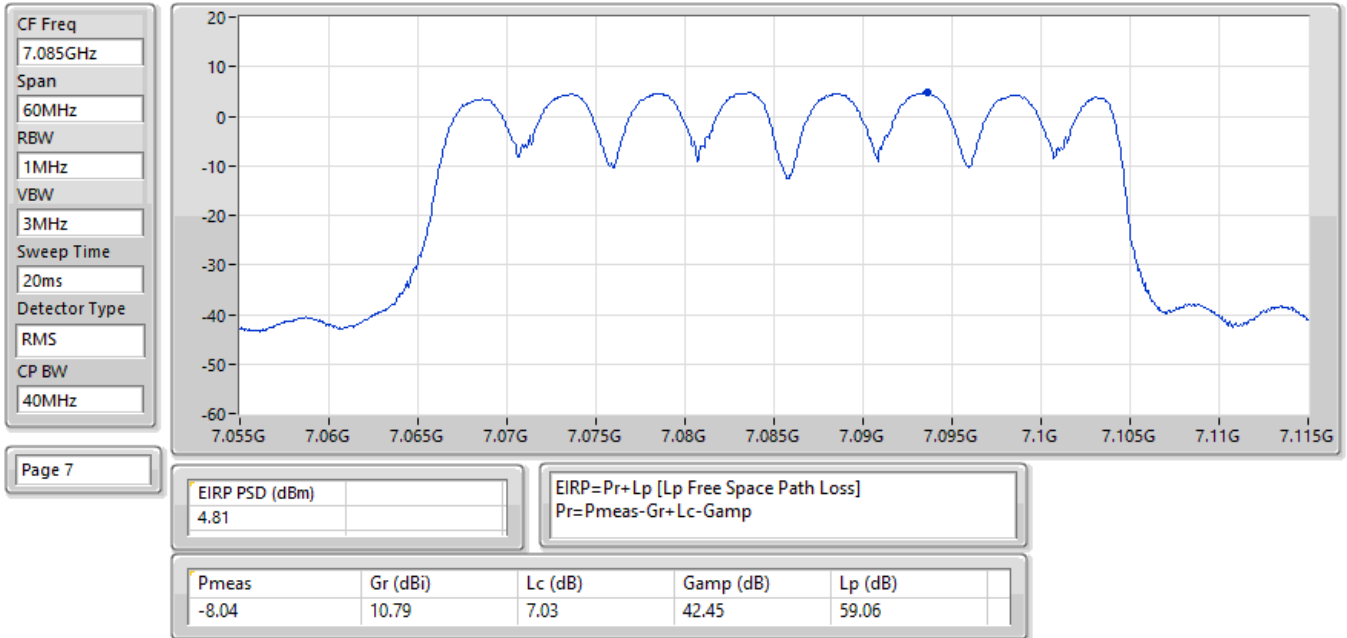
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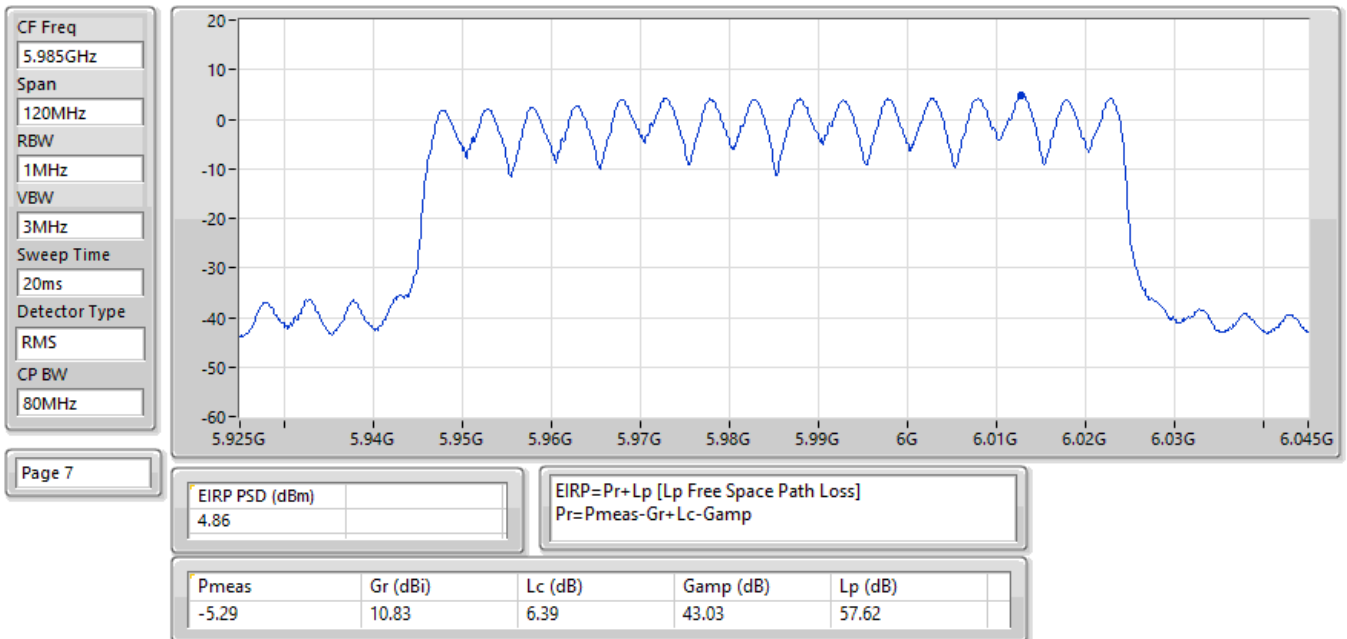
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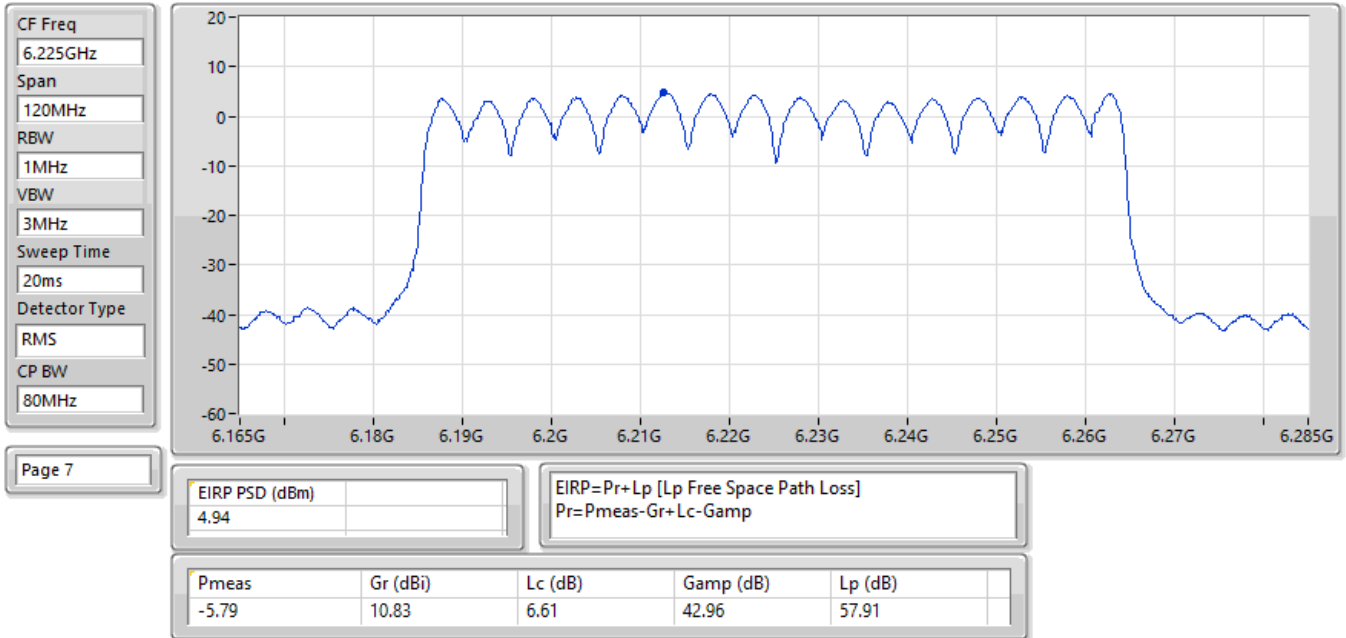
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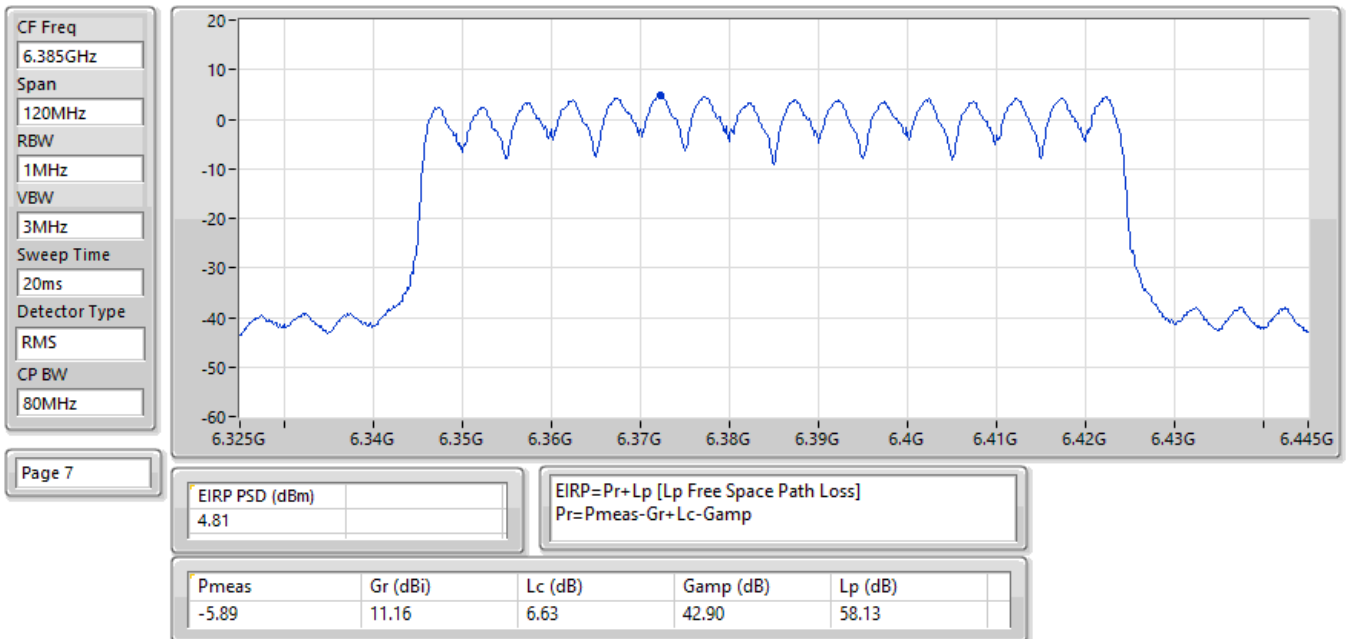
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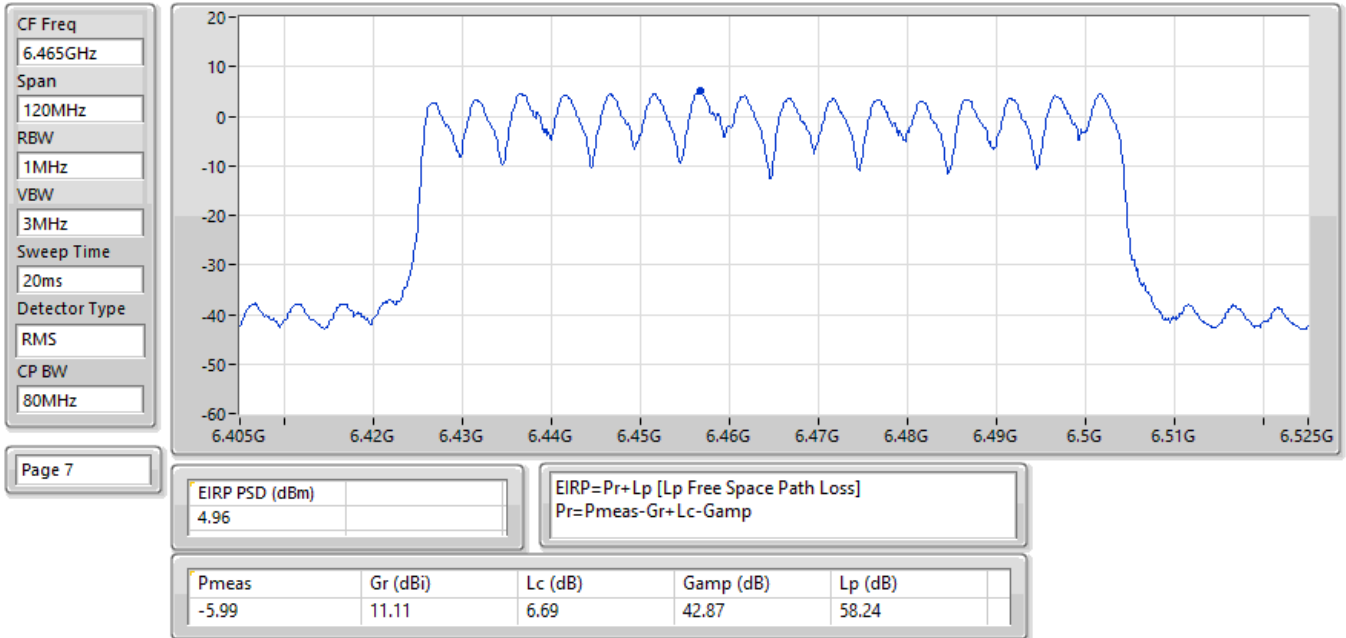
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EIRP PSD;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6385MHz;TX



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



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

