



RADIO TEST REPORT

FCC ID : RRK-W1700A3
Equipment : Wi-Fi 7 Router
Brand Name : Quantum Fiber from AT&T / Lumen
Model Name : W1700A
Applicant : Alpha Networks Inc.
No.8 Li-Hsin 7th Rd., Hsinchu Science Park,
Hsinchu 300094. Taiwan, R.O.C.
Standard : 47 CFR FCC Part 15.407

The product was received on Feb. 04, 2026, and testing was started from Feb. 04, 2026 and completed on May 19, 2026. 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 C63.10-2020 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
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	PASS	-
-	15.407(a)	Proper Power Adjustment	N/A	Non-Dual Client Device / 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: Muse Chan



1 General Description

1.1 Information

1.1.1 RF General Information

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

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

**For Multi_RU:**

RU-tone	Bandwidth [MHz]				6GHz Test CH	
					UNII-5	UNII-8
	80				CH7	CH215
242+242[MCS0]	242			242	V	V
242+242[MCS4]	242			242	V	V
484+242[MCS0]		484		242	V	V
484+242[MCS4]		484		242	V	V

RU-tone	Bandwidth [MHz]						6GHz Test CH	
	160						UNII-5	UNII-8
							CH15	CH207
996+484[MCS0]	484					996	V	V
996+484[MCS4]	484					996	V	V
484+3x242[MCS0]	484	242				242	V	V
484+3x242[MCS4]	484	242				242	V	V
484+484[MCS0]	484					484	V	V
484+484[MCS4]	484					484	V	V

RU-tone	Bandwidth (MHz)				6GHz Test CH	
					UNII-5	UNII-8
	320				CH31	CH191
3x996(MCS0)	996	996	996		V	--
3x996(MCS4)	996	996	996		V	--
2x996+484(MCS0)		484	996	996	--	V
2x996+484(MCS4)		484	996	996	--	V
2x996+484(MCS0)	996	996	484		V	V
2x996+484(MCS4)	996	996	484		V	V
2x996(MCS0)	996			996	V	V
2x996(MCS4)	996			996	V	V

For Puncturing:

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

RU-tone	Configuration	Bandwidth [MHz]						6GHz Test CH			
		160						UNII-5	UNII-8		
								CH15	CH207		
996+484	1		484			996			--	V	
	2	484					996			V	V
	3	996						484		V	V
	4	996			484					V	--
996+484+242	1		242	484		996			--	V	
	2	242		484		996			V	V	
	3	484			242	996			V	V	
	4	484		242	996			V	V		
	5	996				242	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			
								UNII-5	UNII-8		
		320						CH31	CH191		
2×996+484	1		484	996		996			--	--	
	2	484		996		996			V	--	
	3	996			484	996			V	--	
	4	996		484		996			V	--	
	5	996		996			484		V	--	
	6	996		996		484			V	--	
	7			484		996		996		--	V
	8			484		996		996		--	V
	9			996			484	996		--	V
	10			996		484		996		--	V
	11			996		996			484	--	V
	12			996		996		484		--	--
3×996	1			996		996		996		--	V
	2	996				996		996		V	V
	3	996		996				996		V	V
	4	996		996				996		V	--
3×996+484	1		484	996		996		996		--	V
	2	484		996		996		996		V	V
	3	996			484	996		996		V	V
	4	996		484		996		996		V	V
	5	996		996			484	996		V	V
	6	996		996		484		996		V	V
	7	996		996		996			484	V	V
	8	996		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(dynamic preamble puncturing) evaluation procedure

1. Complete test Full RU BE & PSD
2. Measure the PSD of each MRU(puncturing) by conducted method and it is less than the Full RU conducted PSD.
3. Measure the Band edge emission of each MRU(puncturing) by conducted method and find out the MRU(puncturing) worst case configuration.
4. Follow step 3 to find the worst MRU(puncturing) configuration and perform radiated PSD testing.
5. Follow step 3 to find the worst MRU(puncturing) configuration and perform radiated unwanted emission testing.
6. Confirm whether the worst MRU(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(puncturing) needs to be retested.
7. Use worst configuration of MRU(puncturing) and perform MASK measurements by conducted method .

1.1.3 Antenna Information

Ant.	RF Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	AOT	ANT-M2458-AL17	PIFA	I-PEX(MHF)	Note 1
2	2	AOT	ANT-M2458-AL15	PIFA	I-PEX(MHF)	
3	3	AOT	ANT-M2458-AL14	PIFA	I-PEX(MHF)	
4	4	AOT	ANT-M2458-AL16	PIFA	I-PEX(MHF)	
5	1	AOT	ANT-P5972-AL21	PIFA	I-PEX(MHF)	
6	2	AOT	ANT-M5972-AL18	PIFA	I-PEX(MHF)	
7	3	AOT	ANT-M5972-AL19	PIFA	I-PEX(MHF)	
8	4	AOT	ANT-P5972-AL20	PIFA	I-PEX(MHF)	
9	1	AOT	ANT-GPSL1-AL22	PIFA	I-PEX(MHF)	
10	1	N/A	Print on board	Monopole	I-PEX	



Note1:

Ant.	Antenna Gain (dBi)					
	WLAN 2.4GHz	WLAN 5GHz UNII 1-3				
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	
1	3.08	3.28	3.12	2.53	2.49	
2	2.69	2.18	2.2	4.18	4.13	
3	2.1	2.11	2.04	3.04	3.35	
4	2.09	2.14	2.33	2.87	4.32	
Ant.	WLAN 6GHz UNII 5-8				Bluetooth / Zigbee	GPS
	6.175GHz	6.475GHz	6.695GHz	6.995GHz		
5	5.27	4.43	3.07	3.59	-	-
6	2.61	2.85	3.72	2.91	-	-
7	3.62	2.06	3.4	3.55	-	-
8	5.1	4.94	3.46	3.8	-	-
9	-	-	-	-	-	5.2
10	-	-	-	-	1.5	-

Directional Gain (dBi)									
Item	WLAN 2.4GHz	WLAN 5GHz UNII 1-3				WLAN 6GHz UNII 5-8			
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
4T1S	6.75	5.06	4.96	6.14	5.96	5.56	5.31	4.62	5.33
4T2S	3.75	3.28	3.12	4.18	4.32	5.27	4.94	3.72	3.8
4T4S	3.08	3.28	3.12	4.18	4.32	5.27	4.94	3.72	3.8

Note 2: The above information (excepting Ant. 1-8 antenna gain and directional gain) was declared by Manufacturer.

Note 3: Maximum Directional Gain following KDB662911 D03.

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

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

Port 1~4 could transmit/receive simultaneously.

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

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

Port 1~4 could transmit/receive simultaneously.

6GHz (UNII 5-8) IEEE 802.11ax/be mode (4TX/4RX)

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

Port 1~4 could transmit/receive simultaneously.

Bluetooth and Zigbee mode (1TX/1RX)

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

GPS mode (1RX)

Only Port 1 can be used as receiving antenna.

**1.1.4 Mode Test Duty Cycle****For Full_RU:****<Non-beamforming mode>**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss 1,(M0)	0.978	0.1	5.456m	200
802.11be EHT40_Nss 1,(M0)	0.993	0.03	5.456m	10Hz (DC>=0.98)
802.11be EHT80_Nss 1,(M0)	0.98	0.09	5.456m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0)	0.994	0.03	5.456m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0)	0.975	0.11	5.459m	200

<Beamforming mode>

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF	0.9	0.46	5.288m	200
802.11be EHT40-BF	0.95	0.22	4.463m	300
802.11be EHT80-BF	0.944	0.25	5.378m	200
802.11be EHT160-BF	0.949	0.23	5.2m	300
802.11be EHT320-BF	0.955	0.2	5.338m	300

For Multi_RU:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	0.934	0.3	4.769m	300
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	0.926	0.33	4.8m	300
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	0.919	0.37	3.638m	300
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_4TX	0.886	0.53	2.075m	500
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	0.938	0.28	4.809m	300
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_4TX	0.904	0.44	3.65m	300
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 5_4TX	0.942	0.26	4.95m	300
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_4TX	0.946	0.24	4.816m	300
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 8_4TX	0.915	0.39	3.1m	500
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_4TX	0.946	0.24	4.816m	300
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	0.934	0.3	4.769m	300
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	0.926	0.33	4.8m	300
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	0.919	0.37	3.638m	300
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_4TX	0.886	0.53	2.075m	500
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	0.938	0.28	4.809m	300

**For Puncturing:**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242 CP	0.979	0.09	5.488m	300
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242 CP	0.977	0.1	5.488m	300
802.11be EHT160_Nss 1,(M0),RU996+RU484 CP	0.98	0.09	5.488m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),3xRU996+RU484 CP	0.98	0.09	5.488m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),3xRU996+RU484 CP	0.979	0.09	5.488m	300
802.11be EHT320_Nss 1,(M0),3xRU996 CP	0.98	0.09	5.488m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),2xRU996+RU484 CP	0.979	0.09	5.488m	300

Note:

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

1.1.5 EUT Operational Condition

EUT Power Type	Power from 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		
	☐	Unsupported		
Note: The EUT doesn't support puncturing for CBP				
Support RU	☒	Full RU	☒	Partial RU
Test Software Version	QSPR 6.00.00232.1			
Software / Firmware Version for CBP	W1700A_release_WAX000-00.00.02.08_CERTS_09_APRIL			

Note: The above information was declared by manufacturer.



1.1.6 Table for Multiple Listing

The brand/model names in the following table are all refer to the identical product.

Equipment Name	Brand Name	Model Name	Description of Models
Wi-Fi 7 Router	Quantum Fiber by AT&T	W1700A	1. For different marketing purposes. 2. The hardware and software of the product are identical; the only difference is the brand printed on the enclosure.
	Lumen		

Note 1: From the above models, Brand: Lumen and model: W1700A was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.



1.2 Applicable Standards

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

- ♦ 47 CFR FCC Part 15.407
- ♦ ANSI C63.10-2020
- ♦ FCC KDB 789033 D02 v02r01

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (For other tests)	TH03-CB	Black Lu	20~21.3 / 64~68	Mar. 18, 2026~ May 04, 2026
Radiated Below 1GHz	03CH06-CB	Sean Ku	21.9~23.1 / 60~62	Apr. 08, 2026~ May 04, 2026
Radiated Above 1GHz	03CH01-CB	George Fan	21.3~22.3 / 58~61	Feb. 04, 2026~ Apr. 11, 2026
	03CH03-CB		21.4~22.6 / 57~61	
	03CH04-CB		21.4~22.6 / 57~61	
	03CH05-CB		21.5~22.9 / 57~60	
AC Conduction	CO01-CB	Ryan Huang	22~23 / 55~56	May 13, 2026~ May 19, 2026
RF Conducted (Contention-Based Protocol test)	DF02-CB	Eddie Weng	22.1~22.9 / 60~67	Apr. 09, 2026~ Apr. 17, 2026



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)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.0 dB	Confidence levels of 95%
Bandwidth Measurement	1.0 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For Full_RU:

<Non-beamforming mode>

Mode
802.11be EHT20_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6855MHz
6875MHz
6995MHz
7095MHz
7115MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6845MHz
6885MHz
7005MHz
7085MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz



Mode
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

<Beamforming mode>

Mode
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6855MHz
6875MHz
6995MHz
7095MHz
7115MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX



Mode
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6845MHz
6885MHz
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),RU242+RU242 MRU 1_4TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
7025MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_4TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX
6985MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 5_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 8_4TX
6905MHz
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_4TX
6905MHz

**For Puncturing:**

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX
6985MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 3_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 3_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 4_4TX
6905MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_4TX
6905MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 9_4TX
6905MHz

Note:

- ♦ EHT20 / EHT40 / EHT80 / EHT160 covers HEW20 / HEW40 / HEW80 / HEW160 due to similar modulation. The power setting for HEW20 / HEW40 / HEW80 / HEW160 is 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 + Bluetooth + Adapter 1
2	EUT + Bluetooth + Adapter 2
3	EUT + Bluetooth + Adapter 3
4	EUT + Bluetooth + Adapter 4
Mode 1 has been evaluated to be the worst case among Mode 1~4, thus measurement for Mode 5~8 will follow this same test mode.	
5	EUT + Zigbee + Adapter 1
6	EUT + WLAN 2.4GHz + Adapter 1
7	EUT + WLAN 5GHz + Adapter 1
8	EUT + WLAN 6GHz + Adapter 1
For operating mode 5 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Contention Based Protocol
Test Condition	Conducted measurement at transmit chains
1	Non-beamforming mode
2	Beamforming mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Equivalent Isotropically Radiated Power (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.
1	Non-beamforming mode
2	Beamforming mode



The Worst Case Mode for Following Conformance Tests	
Tests Item	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.
1	Full RU_Non-beamforming mode
2	Full RU_Beamforming mode
3	Multi_RU
4	Puncturing

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, the worst axis was found at Z axis for Bluetooth and Zigbee mode, Y axis for WLAN 2.4GHz, WLAN 5GHz and WLAN 6GHz mode from radiated emission above 1GHz, so the measurement will follow this same test configuration.
1	EUT in Z axis + Bluetooth + Adapter 1
2	EUT in Z axis + Bluetooth + Adapter 2
3	EUT in Z axis + Bluetooth + Adapter 3
4	EUT in Z axis + Bluetooth + Adapter 4
Mode 1 has been evaluated to be the worst case among Mode 1~4, thus measurement for Mode 5~8 will follow this same test mode.	
5	EUT in Z axis + Zigbee + Adapter 1
6	EUT in Y axis + WLAN 2.4GHz + Adapter 1
7	EUT in Y axis + WLAN 5GHz + Adapter 1
8	EUT in Y axis + WLAN 6GHz + Adapter 1
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_Non-beamforming mode
2	EUT in Y axis_Full RU_Beamforming mode
3	EUT in Y axis_Multi_RU
4	EUT in Y axis_Puncturing

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission MASK
Test Condition	Conducted measurement at transmit chains
1	Full RU_Non-beamforming mode
2	Full RU_Beamforming mode
3	Multi_RU
4	Puncturing

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.: FA5D3015 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

During the test, the following programs under WIN 11 were executed.

The program was executed as follows:

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



2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter 1	LUCENT TRANS	1A133-LHHL	Input: 100-125V~1.4A, 50/60Hz Output: 12.0V, 4.0A, 48.0W
Adapter 2	Frecom	F48L1-120400SPAU	Input: 100-240V~50/60Hz, 1.4A Output: 12.0V, 4.0A, 48.0W
Adapter 3	LEI	ML48-8120400-A1	Input: 100-120V~ 50/60Hz, 1.5A Output: 12V, 4A
Adapter 4	mentech	MAUS-1204004811	Input: 100-240V~50/60Hz, 1.2A Output: 12V, 4.0A

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E6430	N/A

For Radiated (below 1GHz):

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

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

<Non-beamforming mode>:

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

<Beamforming mode>:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	WLAN AP	Alpha Networks Inc.	W1700V3	N/A
C	Notebook	DELL	E4300	N/A

**For RF Conducted (Other tests):****<Non-beamforming mode>:**

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	Lenovo	T470	N/A

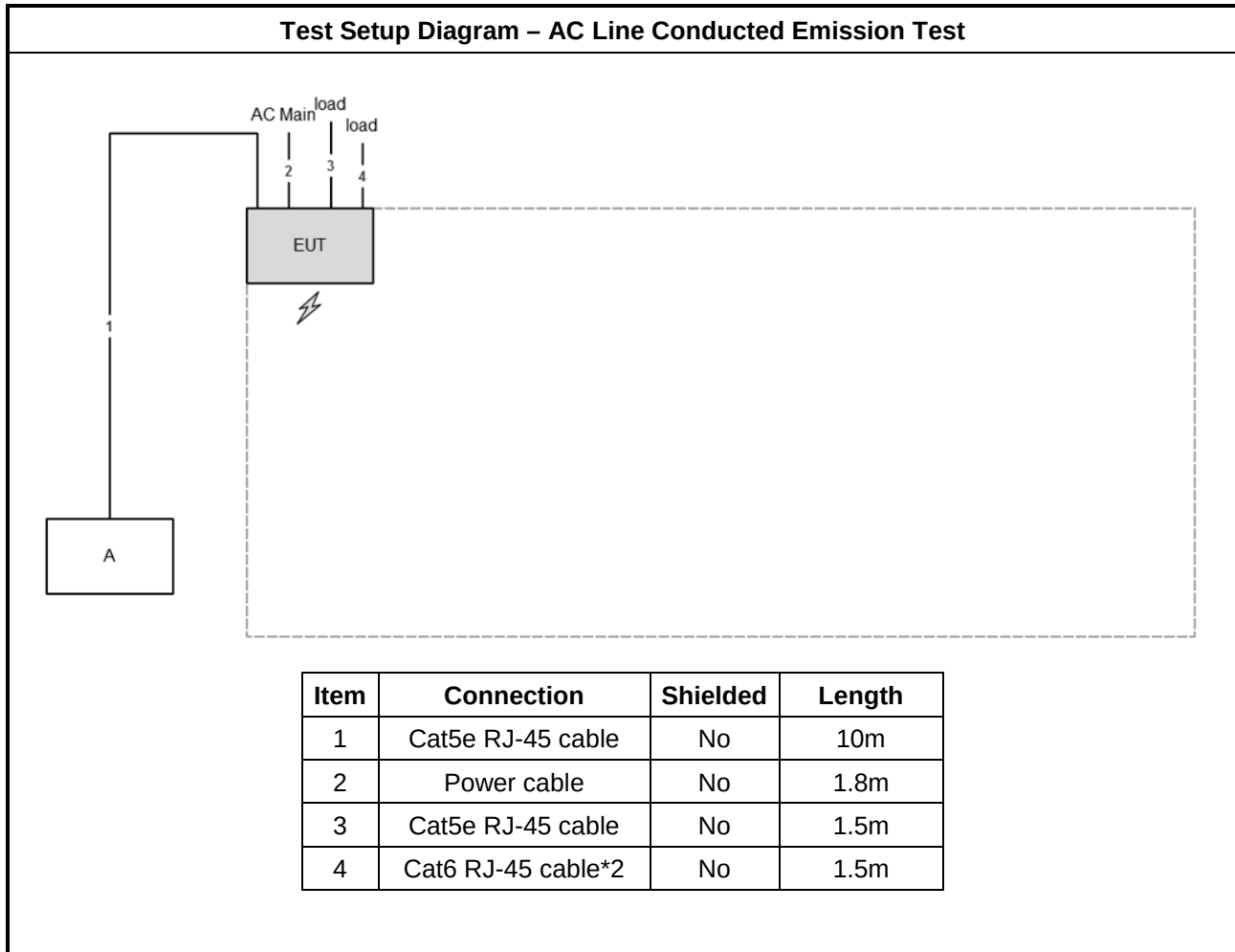
<Beamforming mode>:

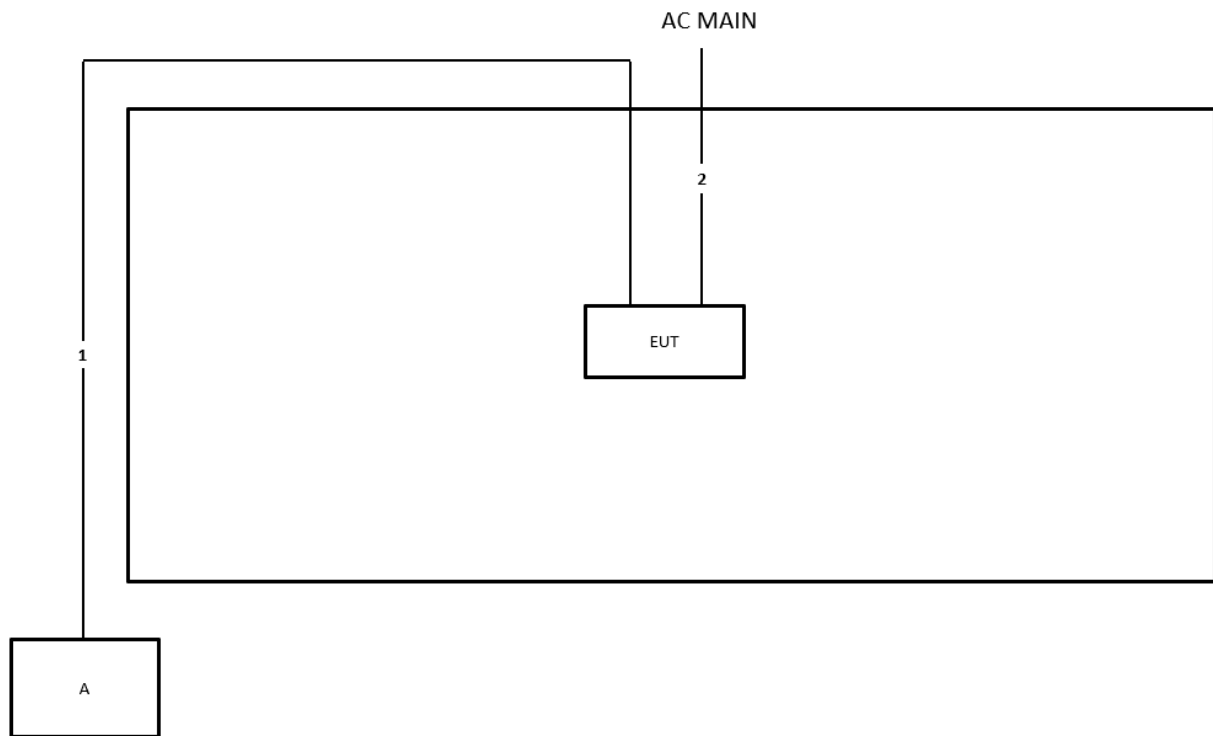
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	Lenovo	T470	N/A
B	Notebook	Lenovo	T470	N/A
C	RX Device	Lumen	W1700A	RRK-W1700A3

For RF Conducted (Contention Based Protocol test):

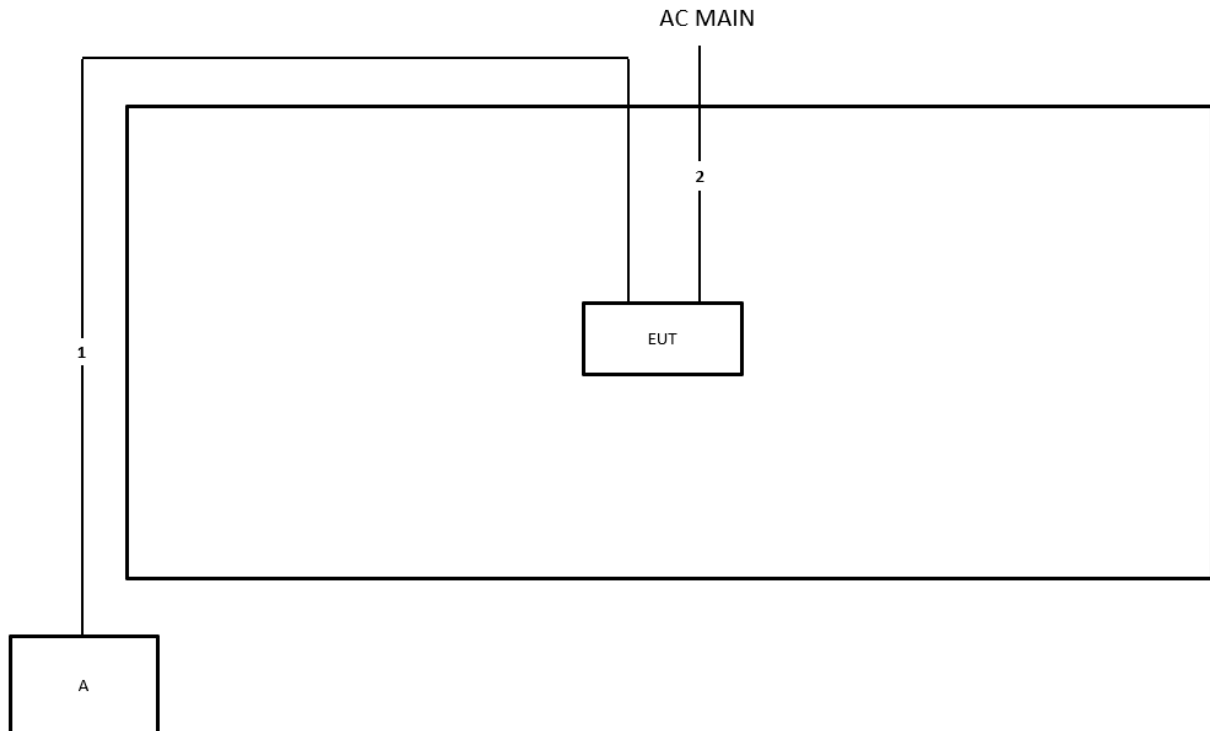
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	WLAN module	MediaTek Inc.	MT7927	RAS-MT7927

2.6 Test Setup Diagram

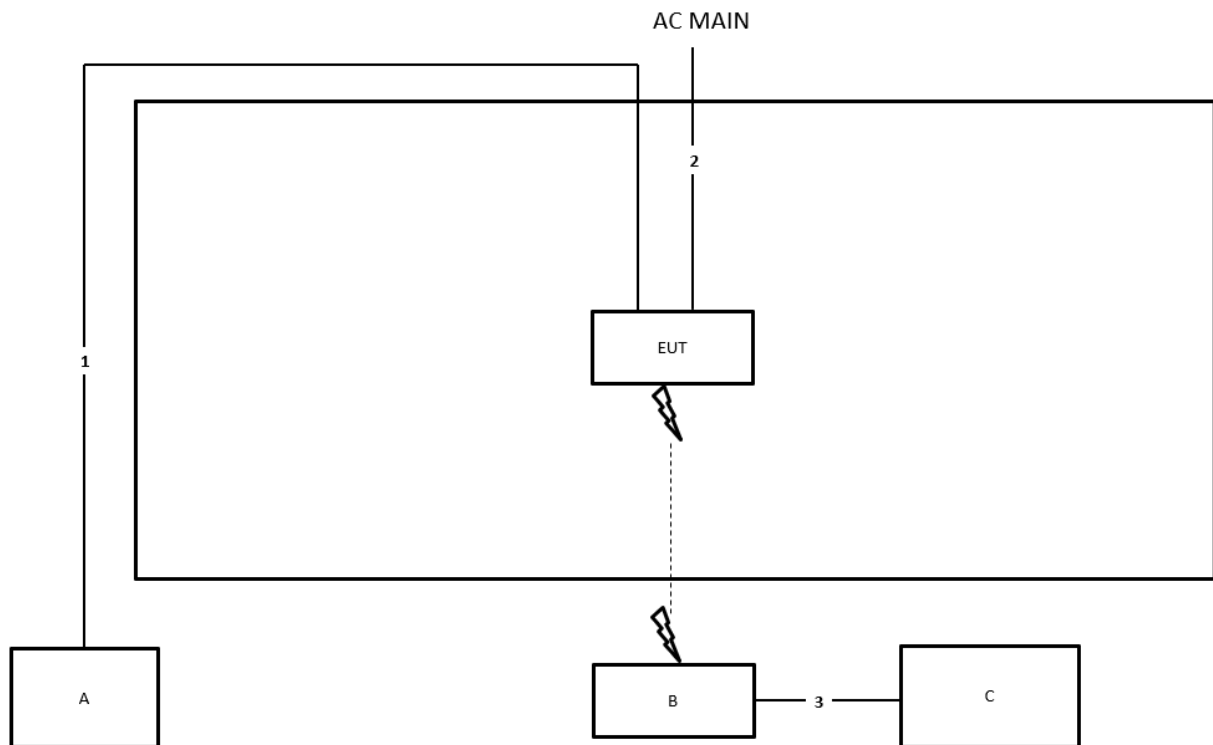


Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.8m

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


Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.8m

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


Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.8m
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.

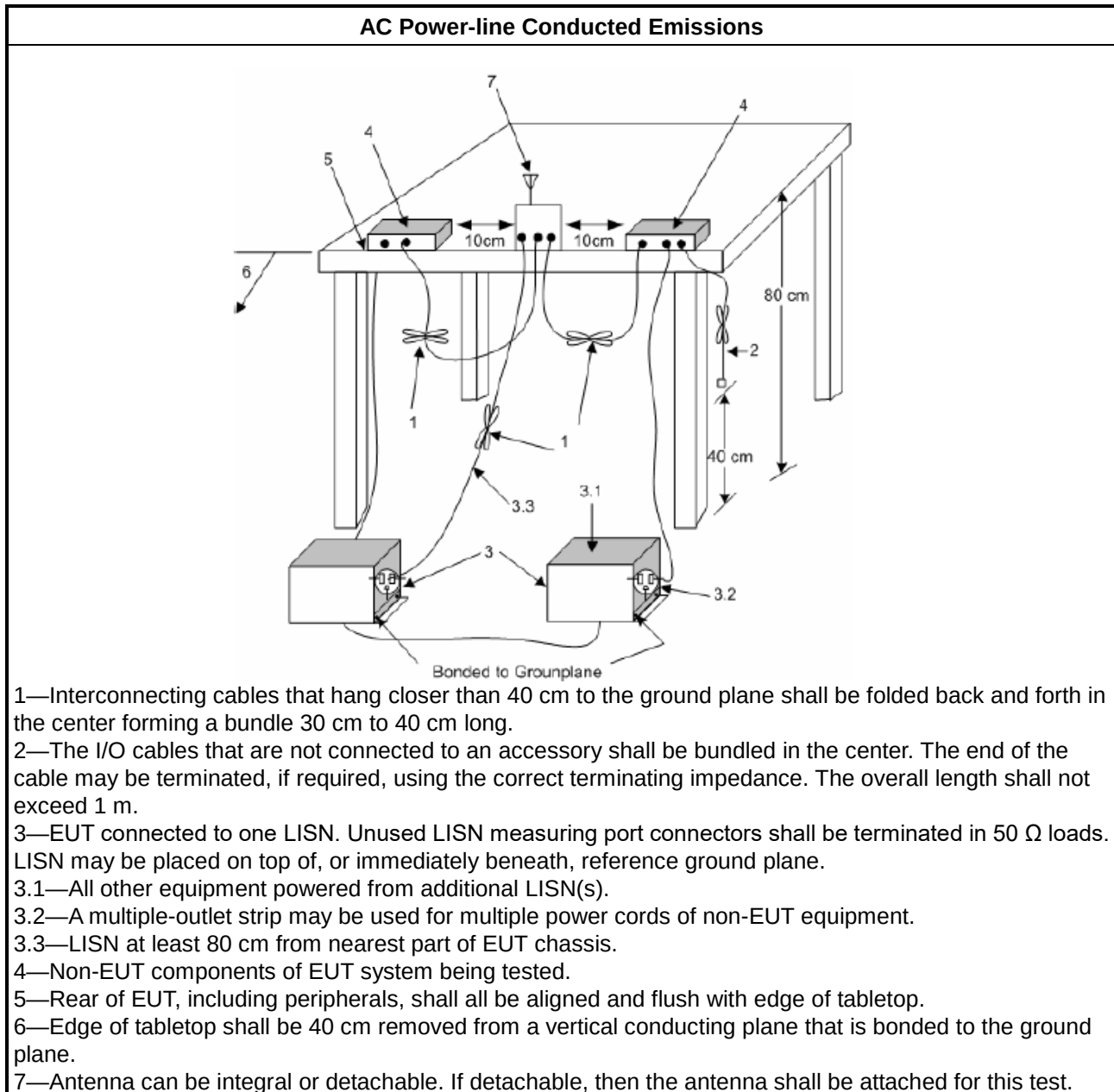
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2020, 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, need less than 320 MHz bandwidth.
☒	For the 6425-6525 GHz band, need less than 320 MHz bandwidth.
☒	For the 6525-6875 GHz band, need less than 320 MHz bandwidth.
☒	For the 6875-7125 GHz band, need less than 320 MHz bandwidth.
RLAN Devices	
☐	For the 5925-6425 GHz band, need less than 320 MHz bandwidth.
☐	For the 6425-6525 GHz band, need less than 320 MHz bandwidth.
☐	For the 6525-6875 GHz band, need less than 320 MHz bandwidth.
☐	For the 6875-7125 GHz band, need less than 320 MHz bandwidth.

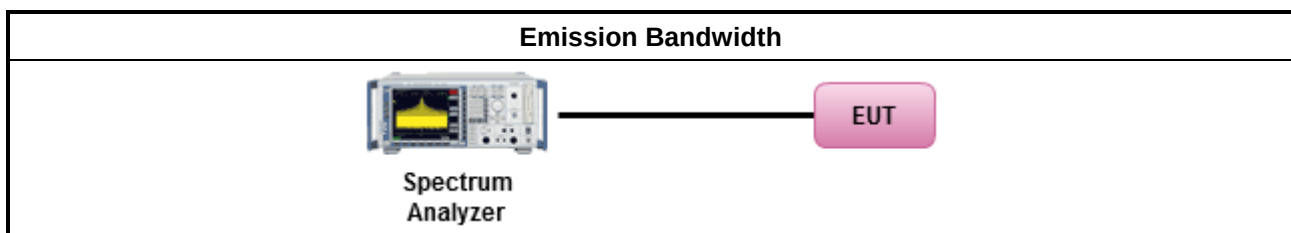
3.2.2 Measuring Instruments

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

Note:

The 99% OBW of BW320 should be less than 320 MHz of limit, and the other BWs less than 320 MHz of limit are 26 dB EBW.



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

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

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



☐	For the 5.925 ~ 6.875 GHz band:
☐	For standard-power access points & fixed client devices < 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
☐	For standard client devices < 30 dBm.

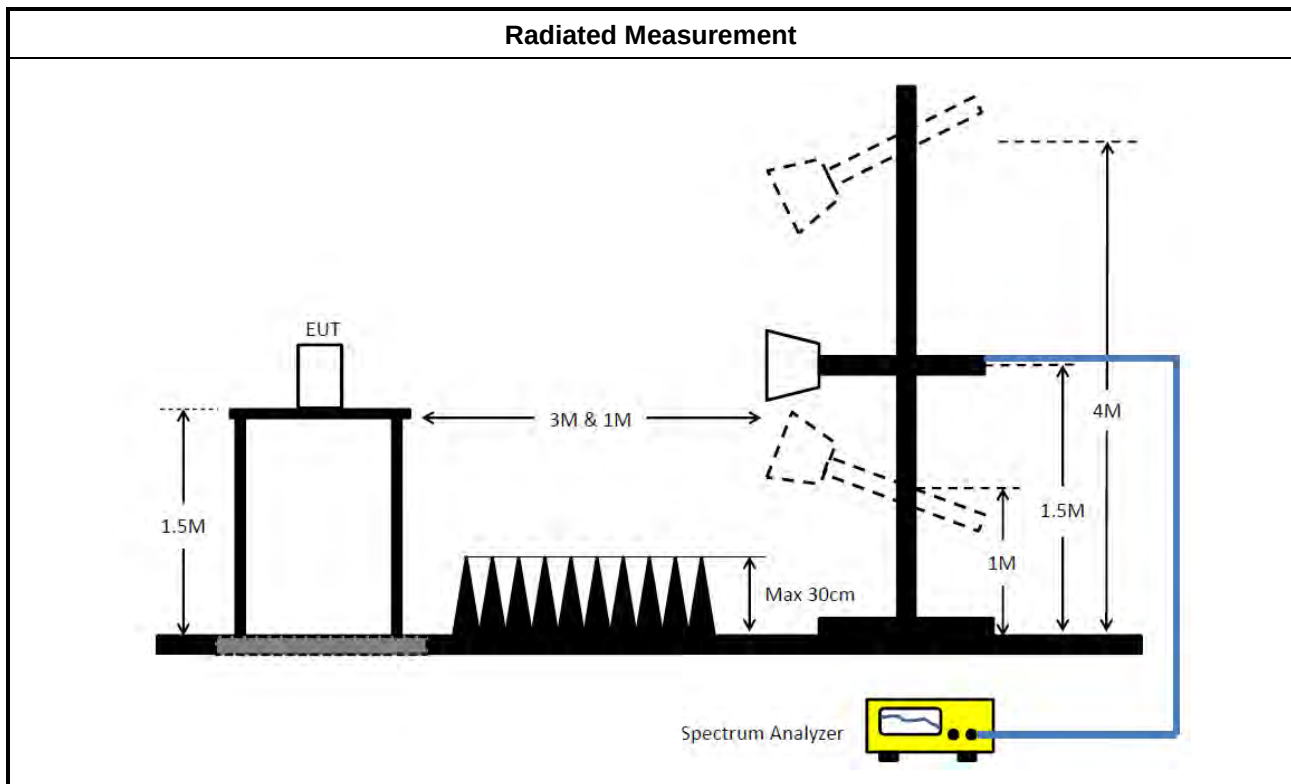
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



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

Refer as Appendix C



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

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

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

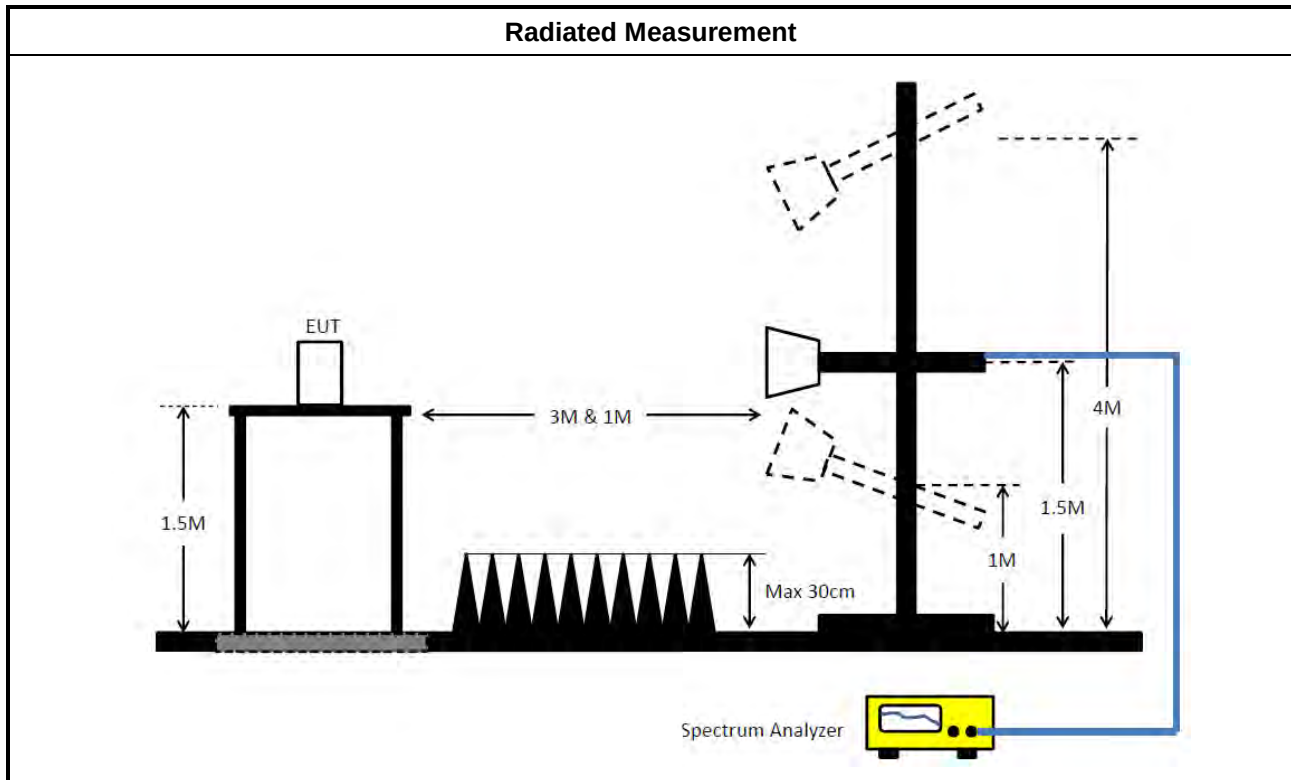
Refer a test equipment and calibration data table in this test report.

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. - 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

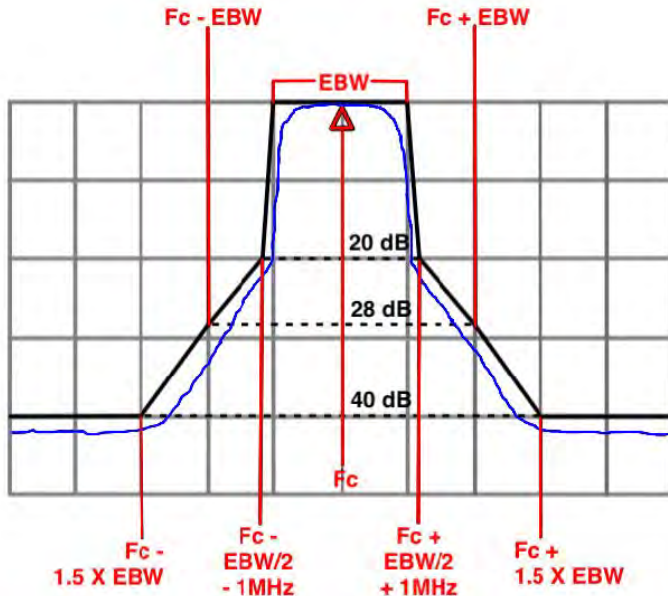
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
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 5.925 – 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
5.925 – 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. 



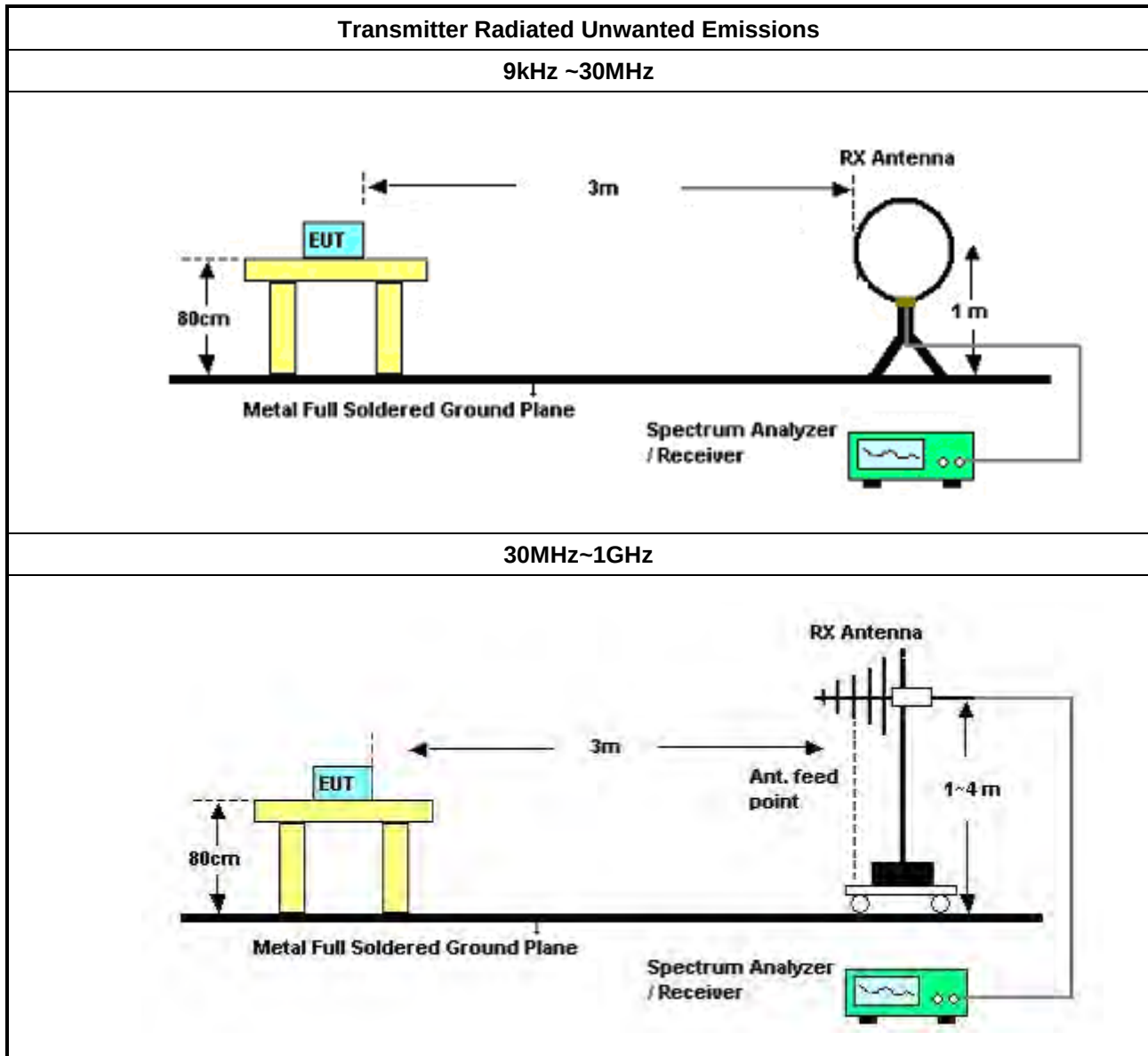
3.5.2 Measuring Instruments

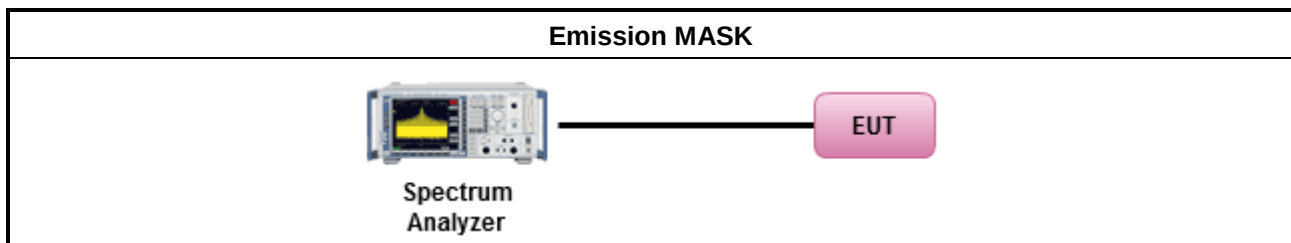
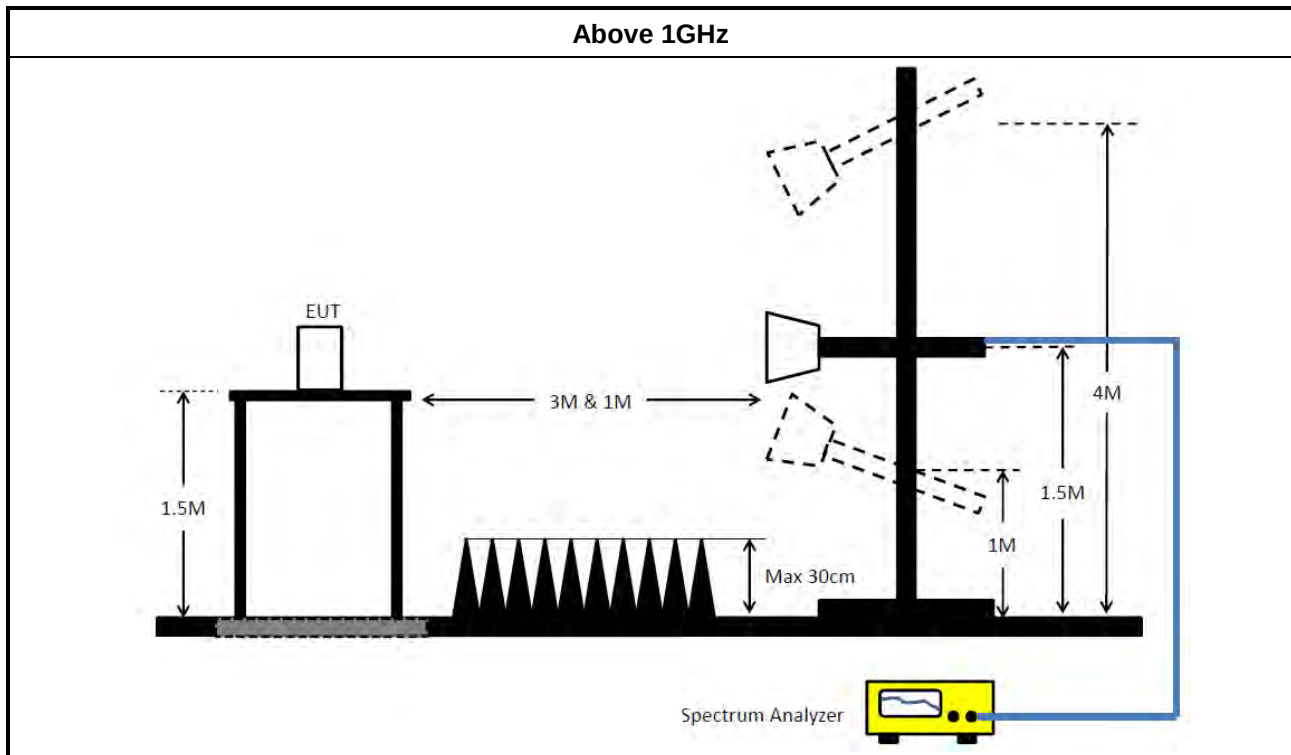
Refer a test equipment and calibration data table in this test report.

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) - Preamplifier factor (PA)(if applicable)
= Level

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

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

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Contention Based Protocol

3.6.1 Contention Based Protocol Limit

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

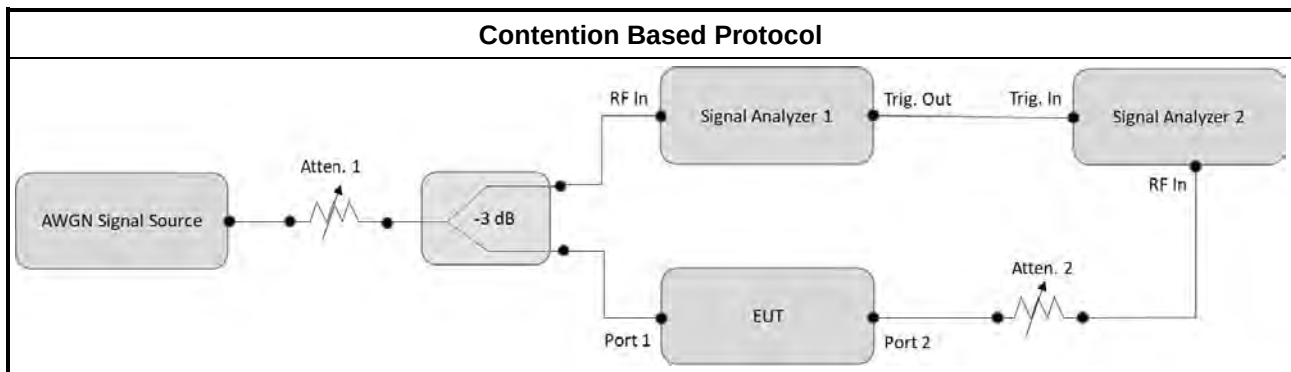
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

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

3.6.4 Test Setup



3.6.5 Test Result of Contention Based Protocol

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 12, 2026	Mar. 11, 2027	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 04, 2026	Feb. 03, 2027	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 10, 2026	Apr. 09, 2027	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	Conduction (CO01-CB)
COND Cable	Woken	Cable	CO01	9kHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 20, 2025	Oct. 19, 2026	Radiation (03CH06-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 01, 2025	Jul. 31, 2026	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Jul. 28, 2025	Jul. 27, 2026	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 27, 2025	Nov. 26, 2026	Radiation (03CH06-CB)
Signal analyzer	R&S	FSV3044	101667	9kHz~44GHz	Aug. 27, 2025	Aug. 26, 2026	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 29, 2025	Oct. 28, 2026	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-05+68	30MHz~1GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.10	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 03, 2025	May 02, 2026	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 16, 2025	May 15, 2026	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2025	Dec. 11, 2026	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Jan. 26, 2026	Jan. 25, 2027	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Nov. 13, 2025	Nov. 12, 2026	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 02, 2025	May 01, 2026	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 01, 2026	Apr. 30, 2027	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18GHz	Nov. 05, 2025	Nov. 04, 2026	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jul. 17, 2025	Jul. 16, 2026	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Nov. 13, 2025	Nov. 12, 2026	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 21, 2025	Feb. 20, 2026	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 13, 2026	Feb. 12, 2027	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 31, 2025	Dec. 30, 2026	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 13, 2026	Jan. 12, 2027	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH04-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Jun. 10, 2025	Jun. 09, 2026	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Apr. 25, 2025	Apr. 24, 2026	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Apr. 25, 2025	Apr. 24, 2026	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Nov. 13, 2025	Nov. 12, 2026	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 27, 2025	Sep. 26, 2026	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 06, 2025	Jun. 05, 2026	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 21, 2025	Apr. 20, 2026	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Nov. 13, 2025	Nov. 12, 2026	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 14, 2026	Jan. 13, 2027	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Sep. 12, 2025	Sep. 11, 2026	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Sep. 12, 2025	Sep. 11, 2026	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz ~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable	Woken	RG402	High Cable-12	30MHz ~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-13	30MHz ~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz ~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz ~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1~18GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH03-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH03-CB)
Spectrum Analyzer	R&S	FSV40	101025	9kHz ~ 40GHz	Nov. 12, 2025	Nov. 11, 2026	Conducted (DF02-CB)
Signal generator	R&S	SMB100A	181239	1MHz-40GHz	Jan. 21, 2026	Jan. 20, 2027	Conducted (DF02-CB)
Vector Signal Generator	R&S	SMM100A	101894	100kHz ~ 7.5GHz	Nov. 04, 2025	Nov. 03, 2026	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -05	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -06	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -07	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -08	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	Cable-60	1~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	Cable-61	1~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	Cable-63	1~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (DF02-CB)

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

NCR means Non-Calibration required.



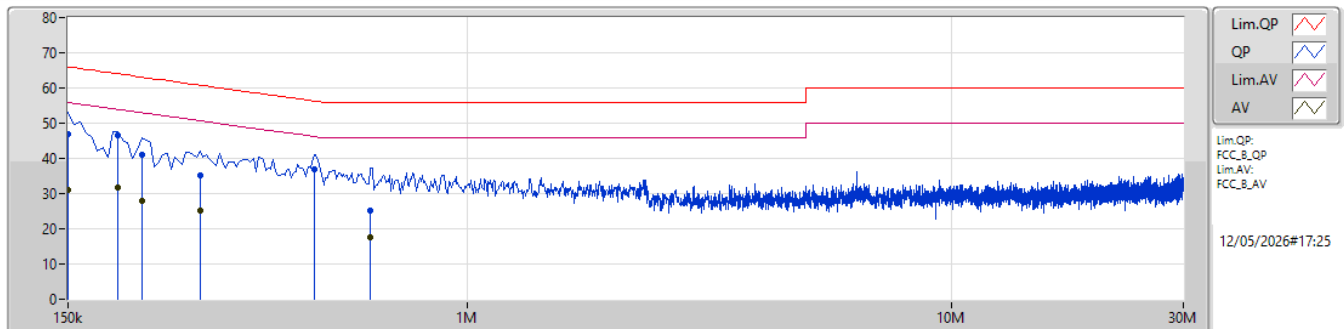
Conducted Emissions at Powerline

Appendix A

Summary

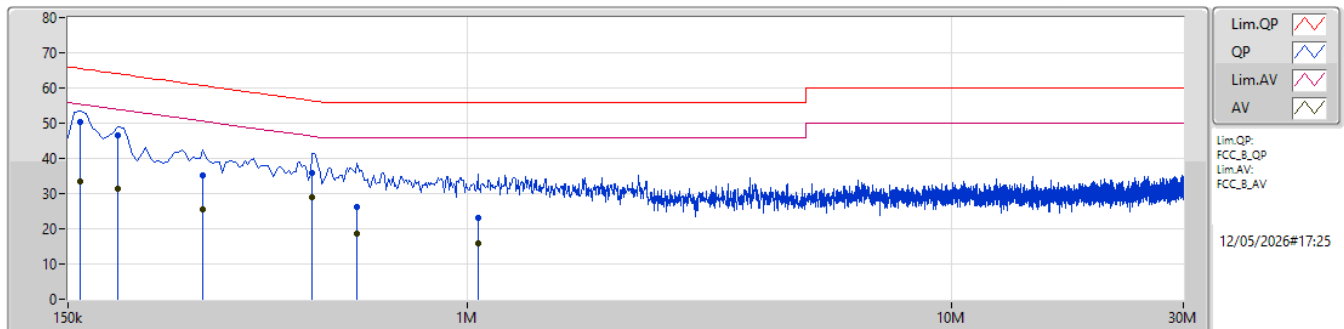
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 5	Pass	AV	483k	36.83	46.29	-9.46	Line

Mode 5



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	46.91	66.00	-19.09	10.13	Line	-	36.78	0.15	0.10	9.88						
AV	150k	31.11	56.00	-24.89	10.13	Line	-	20.98	0.15	0.10	9.88						
QP	190.5k	46.43	64.01	-17.58	9.99	Line	-	36.44	0.14	0.07	9.78						
AV	190.5k	31.61	54.01	-22.40	9.99	Line	-	21.62	0.14	0.07	9.78						
QP	213k	41.18	63.09	-21.91	9.98	Line	-	31.20	0.14	0.07	9.77						
AV	213k	27.80	53.09	-25.29	9.98	Line	-	17.82	0.14	0.07	9.77						
QP	280.5k	35.27	60.80	-25.53	10.07	Line	-	25.20	0.15	0.09	9.83						
AV	280.5k	25.27	50.80	-25.53	10.07	Line	-	15.20	0.15	0.09	9.83						
QP	483k	36.73	56.29	-19.56	10.20	Line	-	26.53	0.17	0.13	9.90						
AV	483k	36.83	46.29	-9.46	10.20	Line	"Worst"	26.63	0.17	0.13	9.90						
QP	631.5k	25.13	56.00	-30.87	10.21	Line	-	14.92	0.18	0.13	9.90						
AV	631.5k	17.70	46.00	-28.30	10.21	Line	-	7.49	0.18	0.13	9.90						

Mode 5



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	159k	50.40	65.52	-15.12	10.08	Neutral	"Worst"	40.32	0.14	0.09	9.85						
AV	159k	33.60	55.52	-21.92	10.08	Neutral	-	23.52	0.14	0.09	9.85						
QP	190.5k	46.44	64.01	-17.57	9.99	Neutral	-	36.45	0.14	0.07	9.78						
AV	190.5k	31.35	54.01	-22.66	9.99	Neutral	-	21.36	0.14	0.07	9.78						
QP	285k	35.33	60.67	-25.34	10.06	Neutral	-	25.27	0.14	0.09	9.83						
AV	285k	25.57	50.67	-25.10	10.06	Neutral	-	15.51	0.14	0.09	9.83						
QP	478.5k	35.85	56.36	-20.51	10.18	Neutral	-	25.67	0.15	0.13	9.90						
AV	478.5k	28.97	46.36	-17.39	10.18	Neutral	-	18.79	0.15	0.13	9.90						
QP	591k	26.22	56.00	-29.78	10.18	Neutral	-	16.04	0.15	0.13	9.90						
AV	591k	18.69	46.00	-27.31	10.18	Neutral	-	8.51	0.15	0.13	9.90						
QP	1.05M	23.03	56.00	-32.97	10.20	Neutral	-	12.83	0.17	0.15	9.88						
AV	1.05M	15.97	46.00	-30.03	10.20	Neutral	-	5.77	0.17	0.15	9.88						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	22.33M	19.065M	19M1D1D	21.12M	18.991M
802.11be EHT40_Nss1,(MCS0)_4TX	44.11M	38.031M	38M0D1D	41.47M	37.931M
802.11be EHT80_Nss1,(MCS0)_4TX	90.64M	77.761M	77M8D1D	83.38M	77.361M
802.11be EHT160_Nss1,(MCS0)_4TX	173.36M	158.121M	158MD1D	165.88M	154.723M
802.11be EHT320_Nss1,(MCS0)_4TX	394.24M	317.441M	317MD1D	327.36M	313.843M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	22.605M	19.065M	19M1D1D	21.065M	18.991M
802.11be EHT40_Nss1,(MCS0)_4TX	43.78M	38.081M	38M1D1D	41.91M	37.931M
802.11be EHT80_Nss1,(MCS0)_4TX	89.98M	77.761M	77M8D1D	85.8M	77.561M
802.11be EHT160_Nss1,(MCS0)_4TX	178.2M	157.721M	158MD1D	165.44M	155.722M
802.11be EHT320_Nss1,(MCS0)_4TX	392.48M	317.041M	317MD1D	340.56M	316.242M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	22.715M	19.065M	19M1D1D	21.615M	18.966M
802.11be EHT40_Nss1,(MCS0)_4TX	44.33M	38.031M	38M0D1D	41.58M	37.881M
802.11be EHT80_Nss1,(MCS0)_4TX	90.2M	77.761M	77M8D1D	84.48M	77.361M
802.11be EHT160_Nss1,(MCS0)_4TX	173.8M	157.321M	157MD1D	165.88M	155.522M
802.11be EHT320_Nss1,(MCS0)_4TX	631.84M	318.641M	319MD1D	332.64M	315.442M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	22.605M	19.065M	19M1D1D	21.505M	18.991M
802.11be EHT40_Nss1,(MCS0)_4TX	44.33M	38.131M	38M1D1D	41.58M	37.931M
802.11be EHT80_Nss1,(MCS0)_4TX	90.2M	77.861M	77M9D1D	85.58M	77.461M
802.11be EHT160_Nss1,(MCS0)_4TX	168.08M	156.922M	157MD1D	166.76M	155.522M

Max-N dB = Maximum 26dB down bandwidth for other band;
 Max-OBW = Maximum 99% occupied bandwidth;
 Min-N dB = Maximum 26dB down bandwidth for other band;
 Min-OBW = Minimum 99% occupied bandwidth



Result

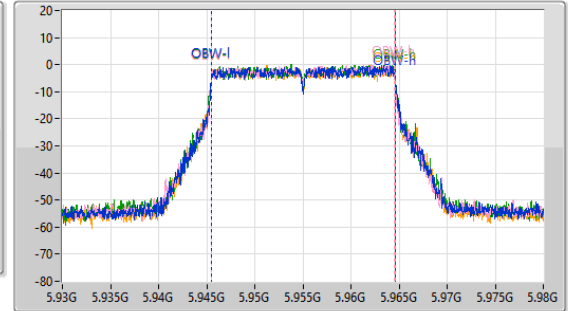
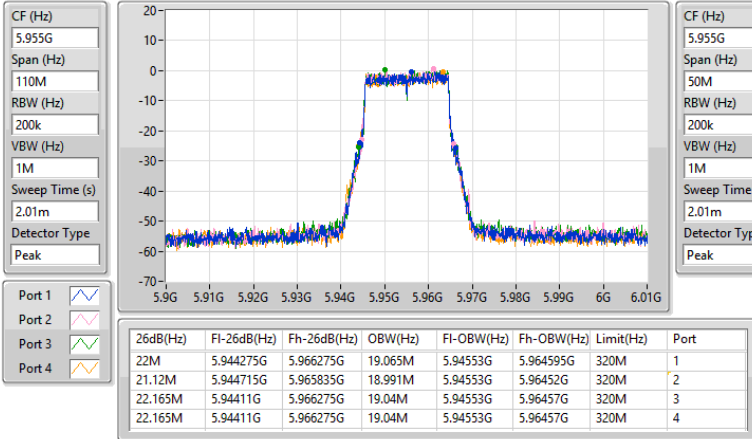
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	320M	22M	19.065M	21.12M	18.991M	22.165M	19.04M	22.165M	19.04M
6195MHz	Pass	320M	21.725M	19.015M	21.615M	19.04M	22.165M	19.015M	21.505M	19.04M
6415MHz	Pass	320M	22.11M	18.991M	21.615M	19.015M	22.33M	19.015M	21.945M	19.04M
6435MHz	Pass	320M	22.165M	19.015M	21.945M	19.04M	21.065M	18.991M	21.395M	19.015M
6475MHz	Pass	320M	22.275M	19.015M	22.44M	19.04M	21.835M	19.015M	21.78M	18.991M
6515MHz	Pass	320M	22.22M	19.015M	22.055M	19.04M	22.605M	19.065M	21.78M	19.015M
6535MHz	Pass	320M	21.615M	18.991M	21.67M	19.015M	22.385M	19.015M	21.725M	19.015M
6695MHz	Pass	320M	22M	19.015M	22.385M	19.04M	22.055M	19.065M	21.945M	19.015M
6855MHz	Pass	320M	21.615M	18.991M	22.495M	19.04M	22.055M	18.966M	22.715M	19.04M
6875MHz	Pass	320M	21.835M	19.04M	22.055M	19.065M	21.945M	18.991M	22.22M	19.015M
6995MHz	Pass	320M	22.055M	19.04M	22.33M	19.04M	22M	18.991M	22.165M	19.04M
7095MHz	Pass	320M	22M	19.04M	22.055M	19.015M	22.385M	18.991M	22.275M	19.065M
7115MHz	Pass	320M	21.505M	18.991M	22.165M	19.04M	21.78M	18.991M	22.605M	19.04M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	320M	41.8M	37.981M	42.24M	37.931M	42.68M	37.981M	42.9M	37.981M
6205MHz	Pass	320M	44.11M	38.031M	43.01M	37.931M	42.46M	37.931M	42.35M	37.981M
6405MHz	Pass	320M	42.57M	38.031M	42.9M	37.931M	42.02M	37.931M	41.47M	37.931M
6445MHz	Pass	320M	43.56M	37.981M	41.91M	38.081M	42.79M	37.981M	42.68M	38.031M
6485MHz	Pass	320M	42.57M	38.031M	42.46M	37.981M	42.79M	37.981M	42.02M	37.931M
6525MHz	Pass	320M	42.35M	37.931M	43.78M	37.981M	42.46M	37.931M	42.68M	37.981M
6565MHz	Pass	320M	43.67M	37.931M	41.91M	37.981M	42.24M	38.031M	43.78M	37.981M
6685MHz	Pass	320M	42.24M	37.931M	43.67M	37.981M	42.57M	37.981M	42.68M	37.981M
6845MHz	Pass	320M	44.33M	37.881M	43.01M	37.931M	41.58M	37.981M	44M	38.031M
6885MHz	Pass	320M	42.46M	37.931M	42.24M	37.881M	42.57M	37.981M	42.13M	37.981M
7005MHz	Pass	320M	43.89M	38.031M	43.89M	37.931M	43.56M	38.031M	44.33M	37.981M
7085MHz	Pass	320M	42.68M	37.981M	43.56M	38.031M	43.12M	38.131M	41.58M	37.981M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	320M	89.54M	77.561M	86.9M	77.761M	87.56M	77.361M	85.58M	77.561M
6225MHz	Pass	320M	85.8M	77.661M	86.68M	77.661M	90.2M	77.661M	87.34M	77.761M
6385MHz	Pass	320M	89.32M	77.761M	83.38M	77.561M	90.64M	77.561M	88.88M	77.561M
6465MHz	Pass	320M	87.56M	77.661M	86.68M	77.561M	89.98M	77.761M	89.54M	77.661M
6545MHz	Pass	320M	87.78M	77.661M	88.88M	77.661M	85.8M	77.761M	86.68M	77.561M
6625MHz	Pass	320M	86.46M	77.561M	86.68M	77.561M	87.78M	77.661M	84.7M	77.661M
6705MHz	Pass	320M	87.12M	77.761M	87.12M	77.561M	86.68M	77.661M	84.48M	77.561M
6785MHz	Pass	320M	89.98M	77.661M	87.12M	77.361M	86.02M	77.761M	85.36M	77.661M
6865MHz	Pass	320M	86.68M	77.761M	85.8M	77.461M	89.54M	77.661M	90.2M	77.561M
6945MHz	Pass	320M	89.32M	77.761M	88.22M	77.461M	85.58M	77.861M	88M	77.661M
7025MHz	Pass	320M	88.22M	77.661M	88.22M	77.461M	88M	77.761M	90.2M	77.661M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	320M	167.2M	155.122M	167.2M	156.122M	167.2M	154.723M	169.84M	156.522M
6185MHz	Pass	320M	165.88M	154.723M	173.36M	158.121M	166.76M	156.722M	171.16M	156.722M
6345MHz	Pass	320M	170.72M	157.173M	170.72M	157.047M	167.64M	157.029M	168.52M	157.029M
6505MHz	Pass	320M	165.44M	155.722M	178.2M	157.721M	165.88M	155.722M	167.64M	156.722M
6665MHz	Pass	320M	165.88M	155.922M	173.8M	157.321M	168.08M	155.722M	172.48M	156.722M
6825MHz	Pass	320M	166.76M	155.922M	167.64M	156.922M	166.76M	155.522M	169.84M	156.922M
6985MHz	Pass	320M	167.64M	156.122M	167.2M	155.522M	166.76M	155.722M	168.08M	156.922M
802.11be EHT320_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	320M	329.12M	313.843M	327.36M	314.243M	375.76M	315.042M	333.52M	314.643M
6265MHz	Pass	320M	331.76M	316.642M	336.16M	316.642M	337.92M	317.041M	373.12M	317.441M
6425MHz	Pass	320M	340.56M	317.041M	337.92M	316.642M	394.24M	316.642M	376.64M	316.642M
6585MHz	Pass	320M	366.96M	317.041M	392.48M	316.242M	354.64M	317.041M	340.56M	316.642M
6745MHz	Pass	320M	631.84M	318.641M	599.28M	318.241M	496.32M	318.641M	525.36M	318.641M
6905MHz	Pass	320M	335.28M	315.442M	332.64M	315.442M	333.52M	315.442M	333.52M	315.842M



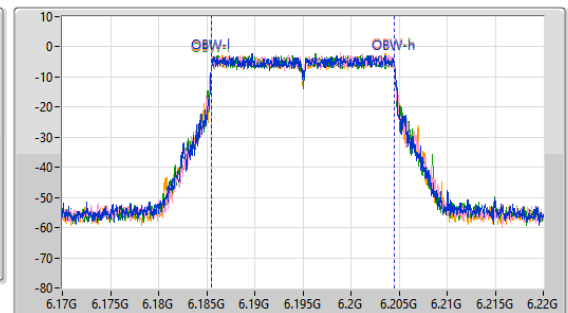
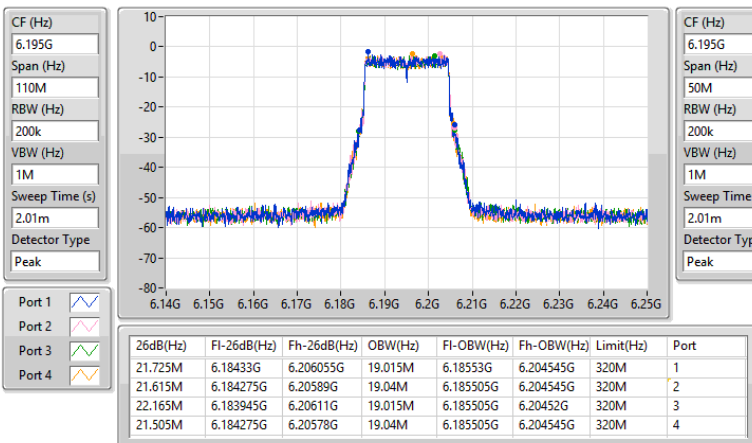
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5955MHz

06/03/2026

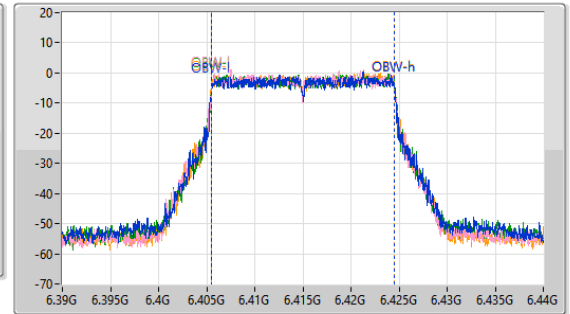
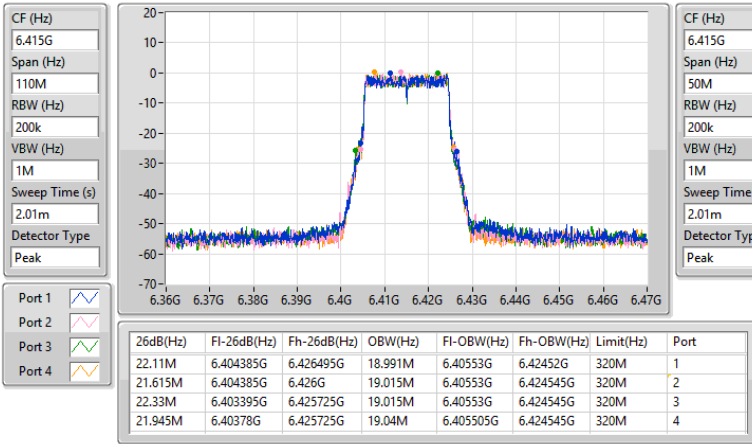

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6195MHz

06/03/2026

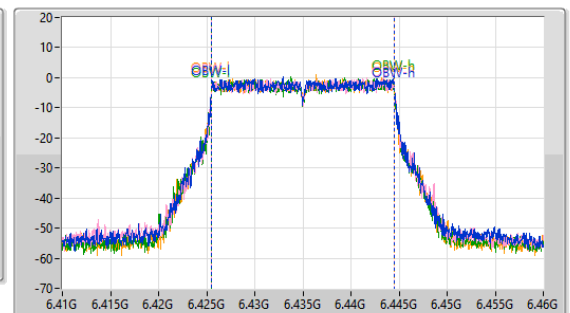
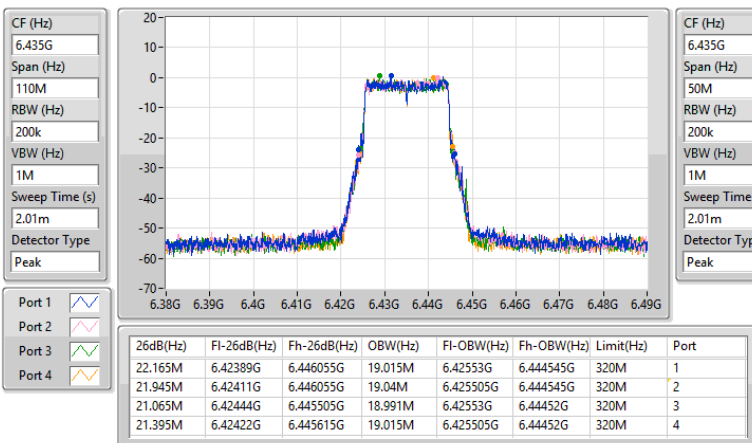


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6415MHz

06/03/2026

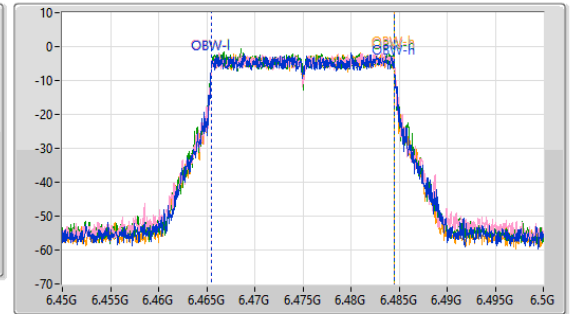
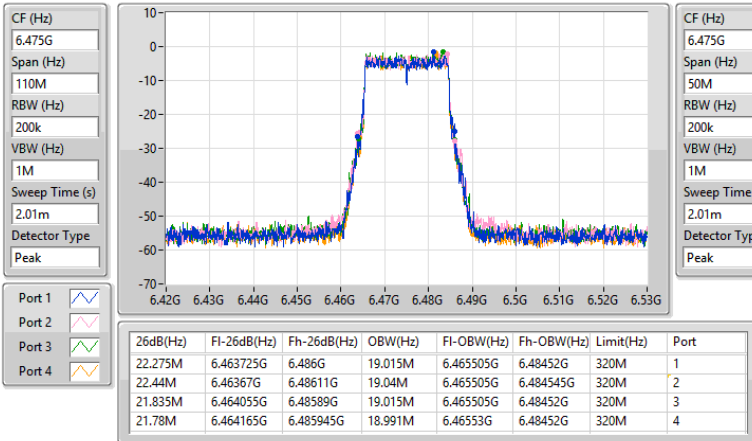

6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6435MHz

06/03/2026

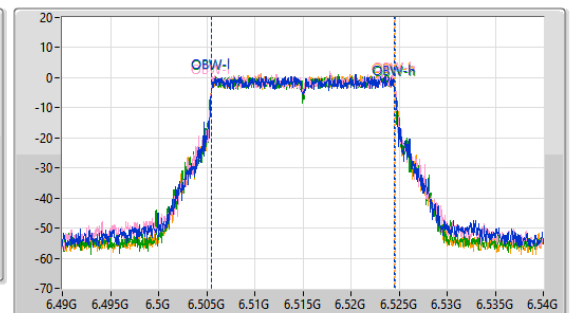
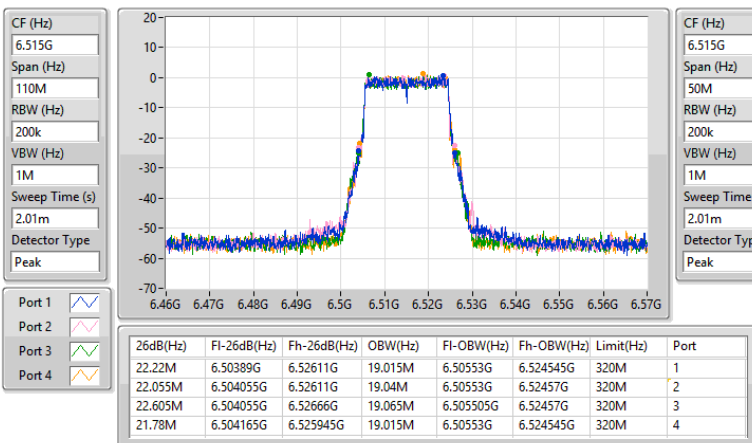


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6475MHz

06/03/2026

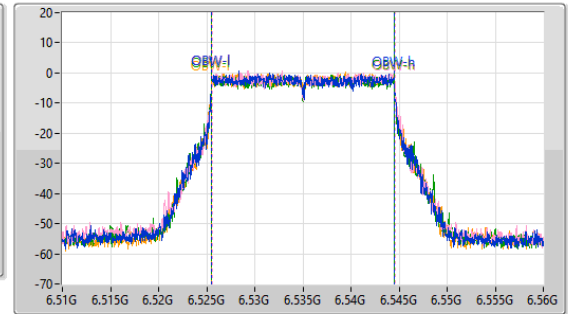
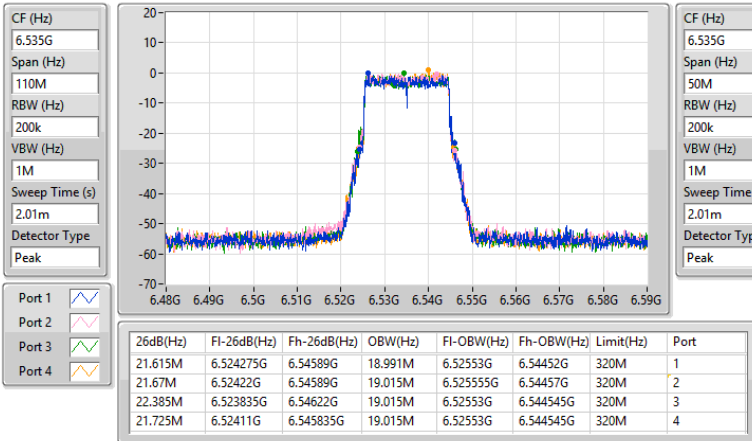

6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6515MHz

06/03/2026

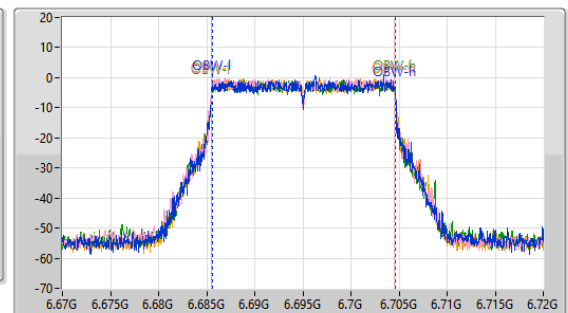
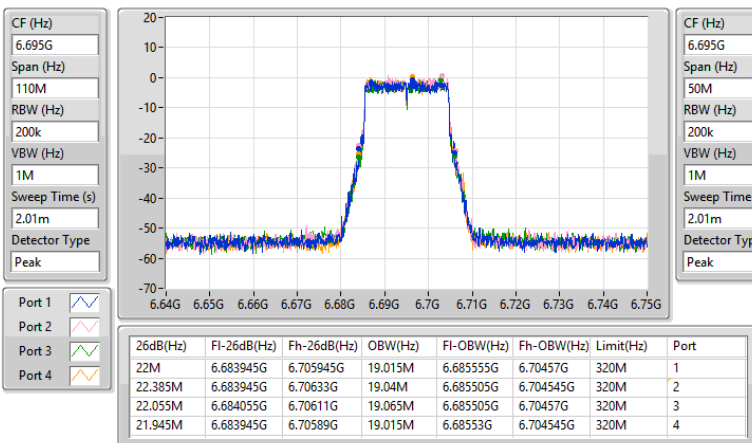


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6535MHz

06/03/2026


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

06/03/2026

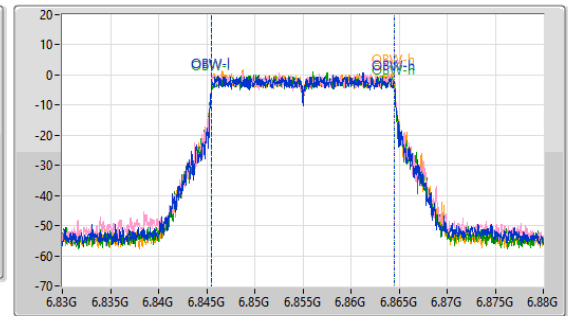
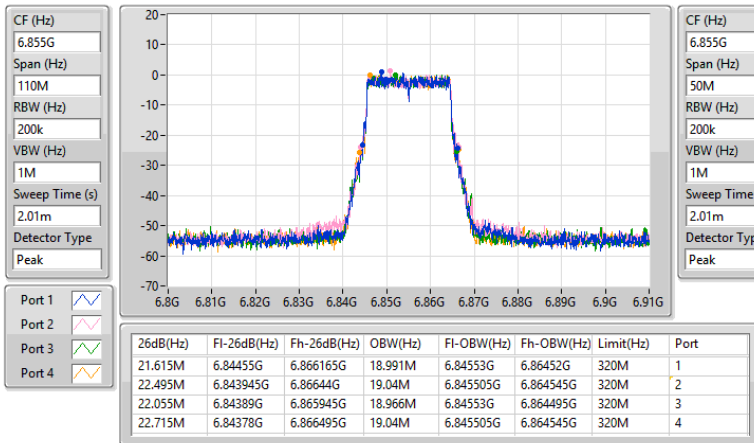


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6855MHz

06/03/2026

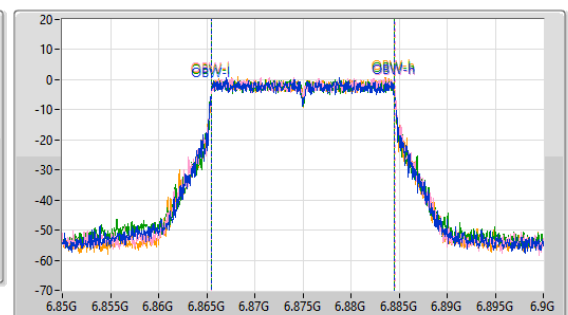
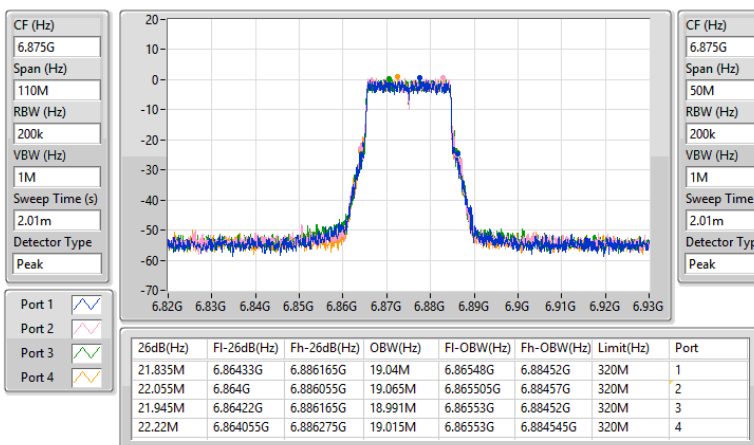


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

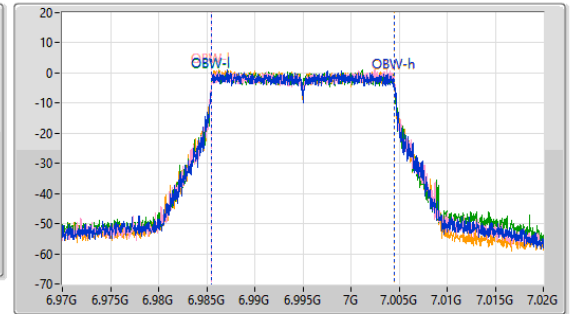
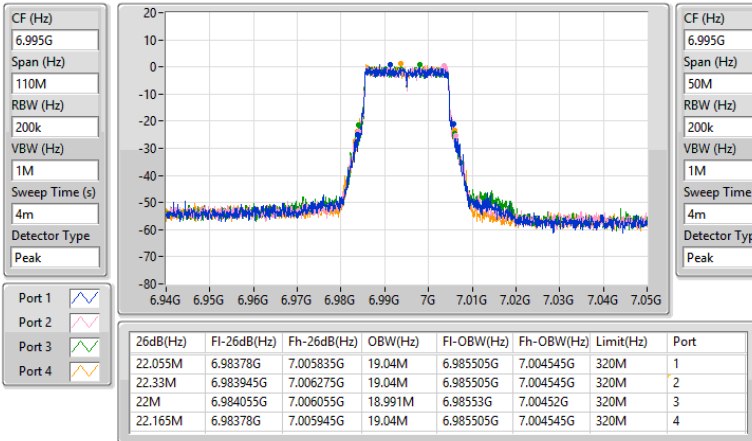
6875MHz

06/03/2026

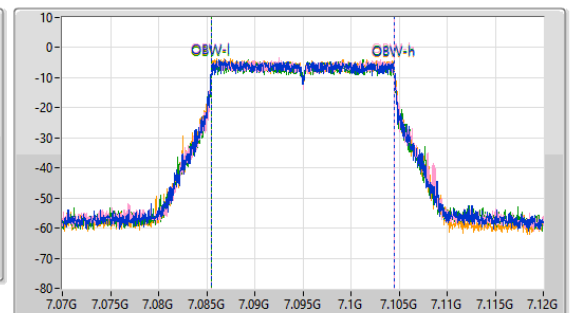
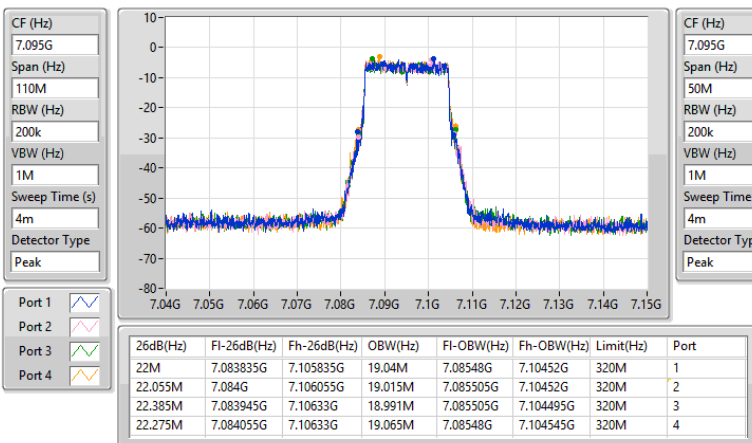


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6995MHz

06/03/2026

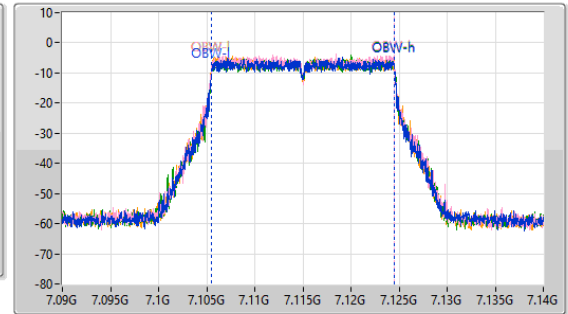
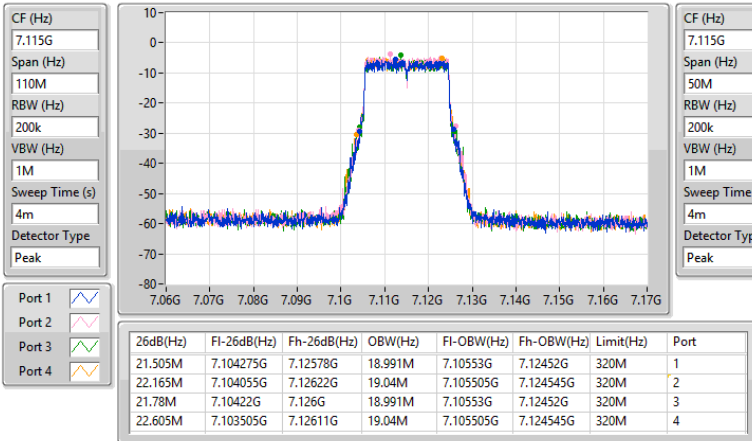

6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
7095MHz

06/03/2026

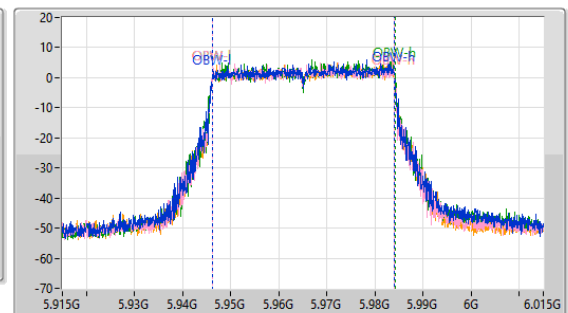
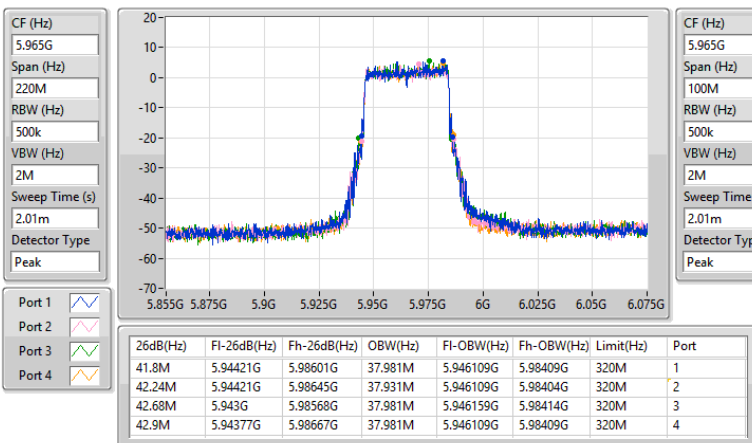


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
7115MHz

06/03/2026

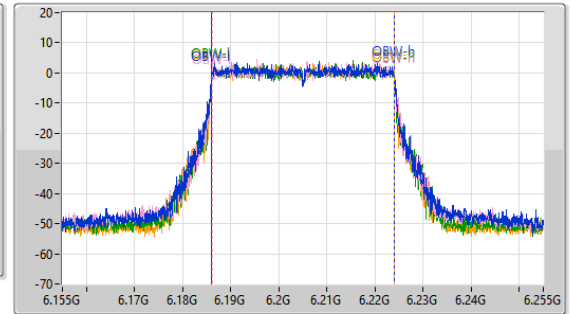
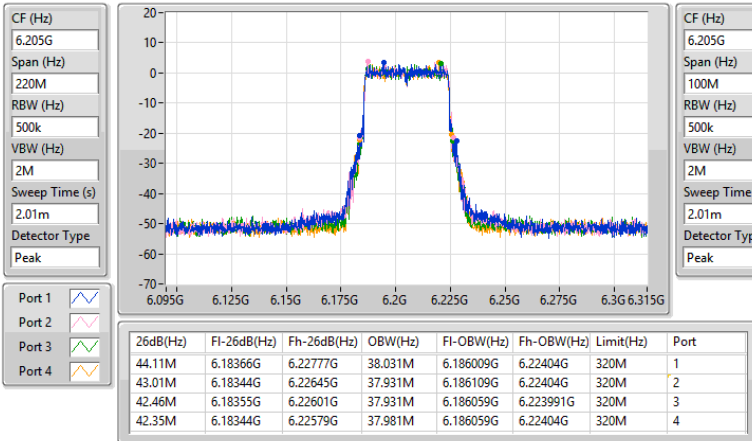

5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5965MHz

06/03/2026

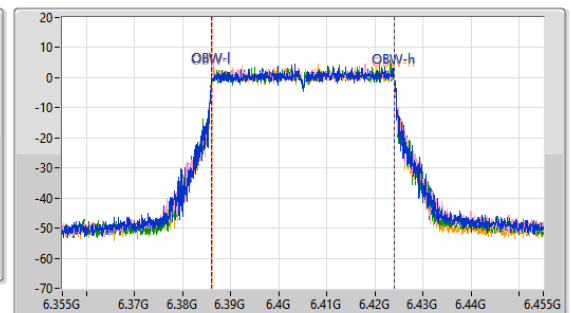
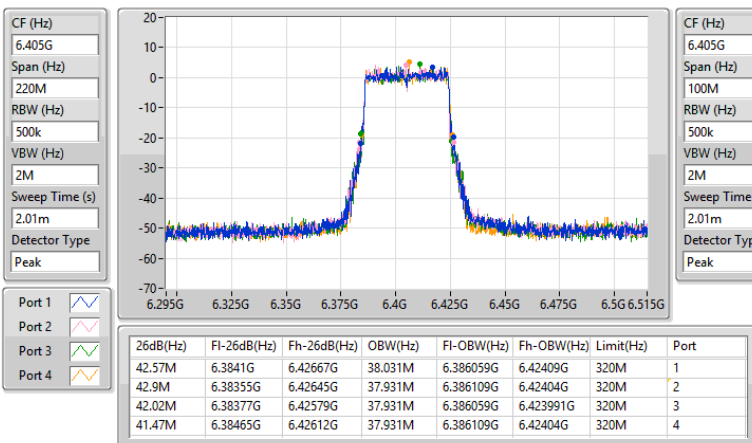


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6205MHz

06/03/2026

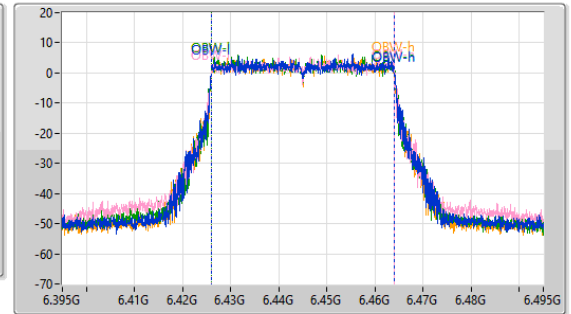
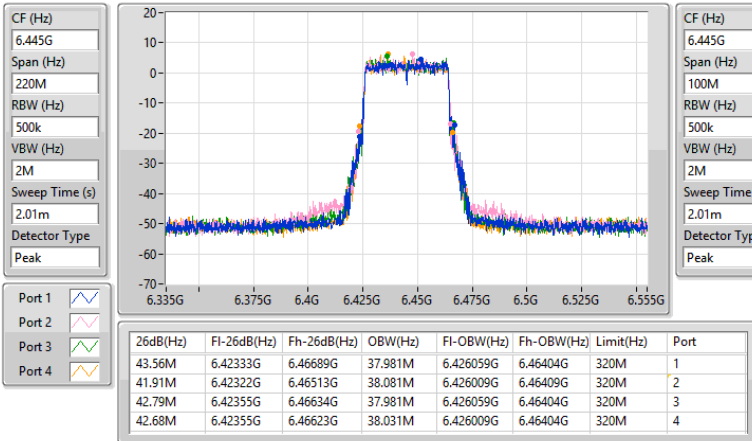

5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6405MHz

06/03/2026

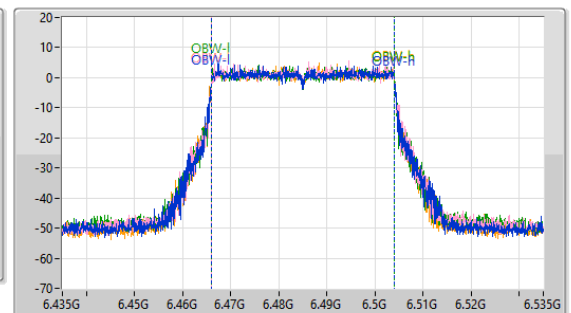
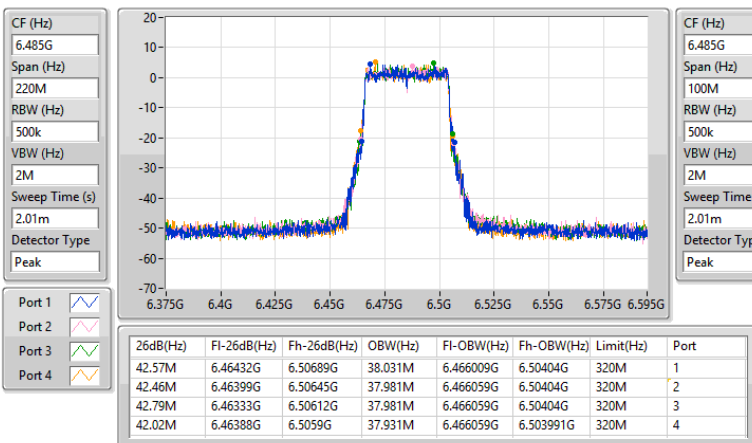


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6445MHz

06/03/2026

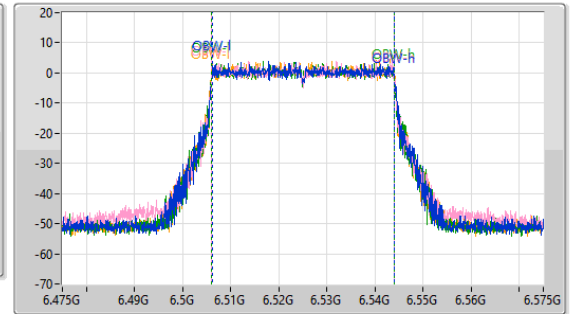
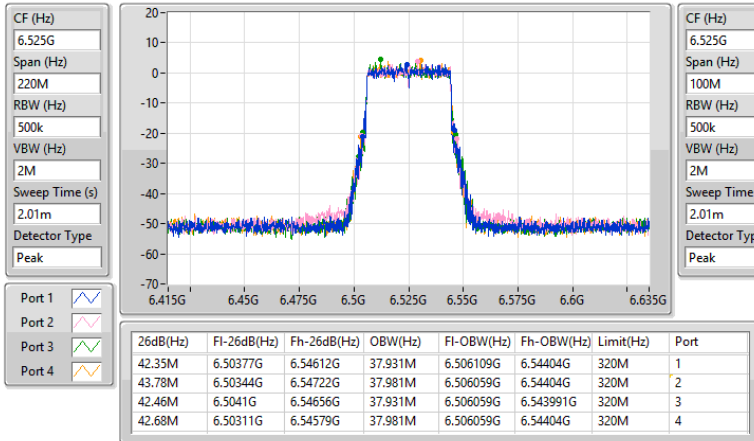

6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6485MHz

06/03/2026

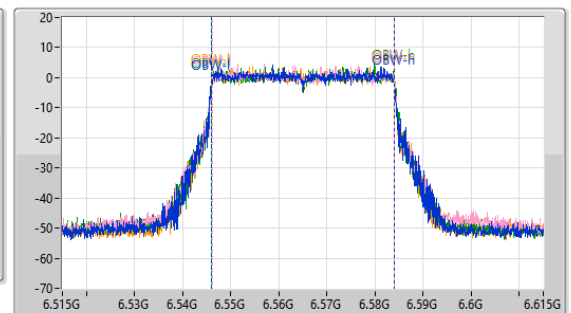
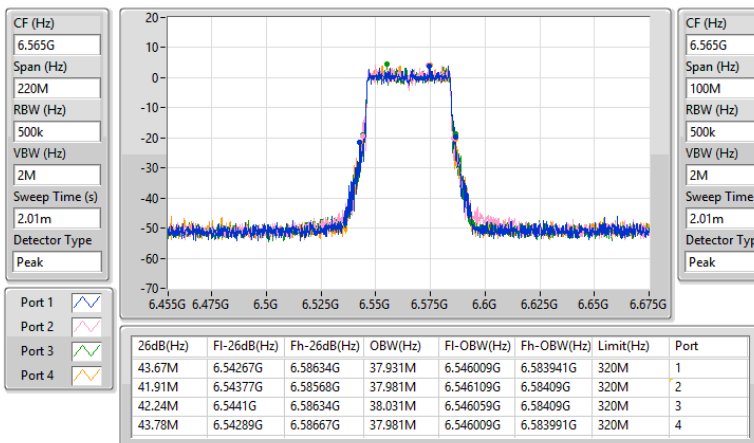


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6525MHz

06/03/2026

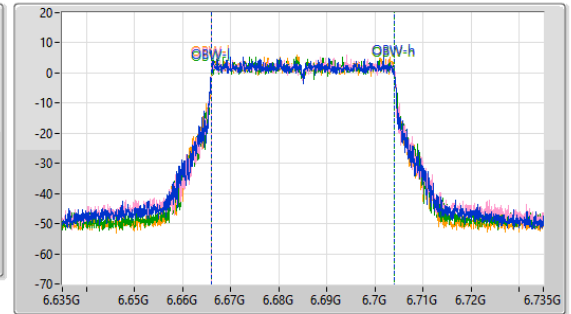
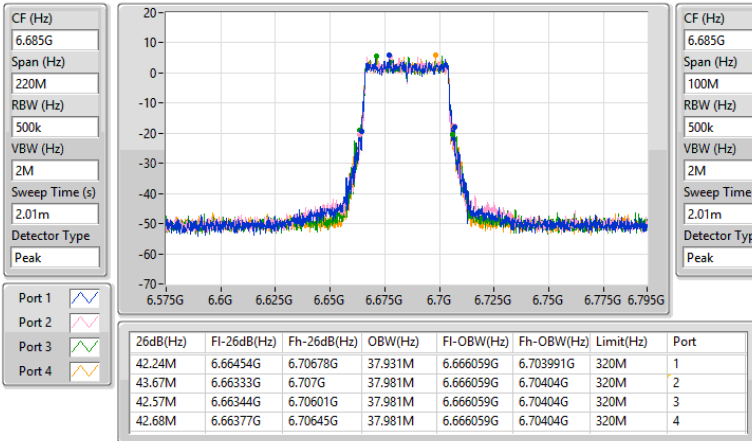

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6565MHz

06/03/2026

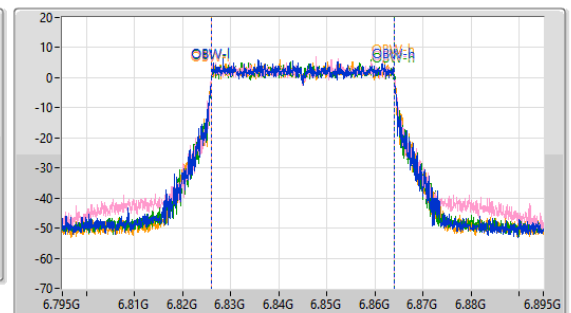
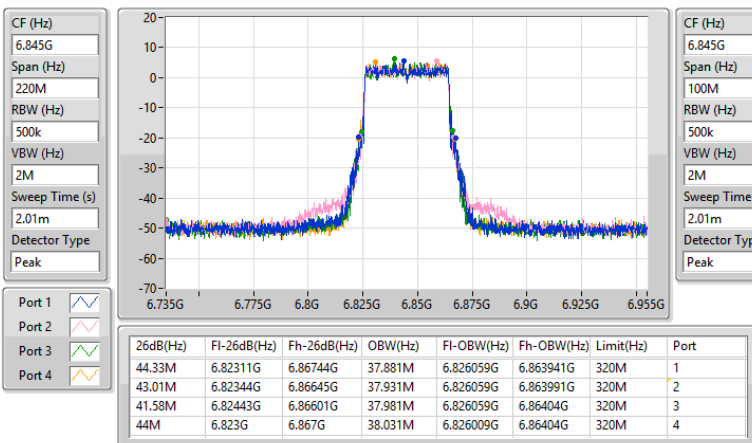


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6685MHz

06/03/2026

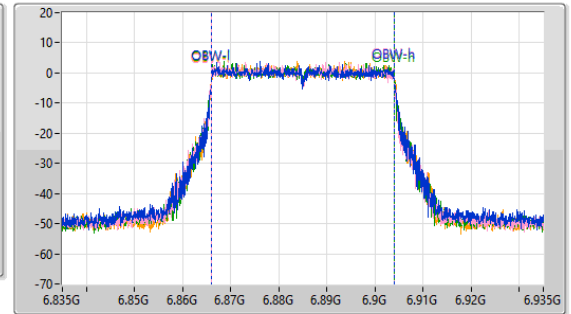
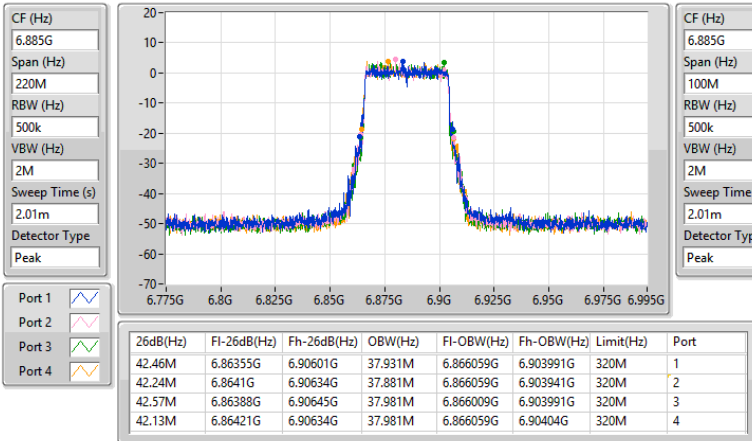

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6845MHz

06/03/2026

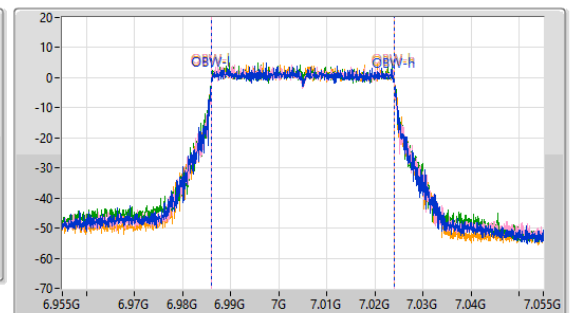
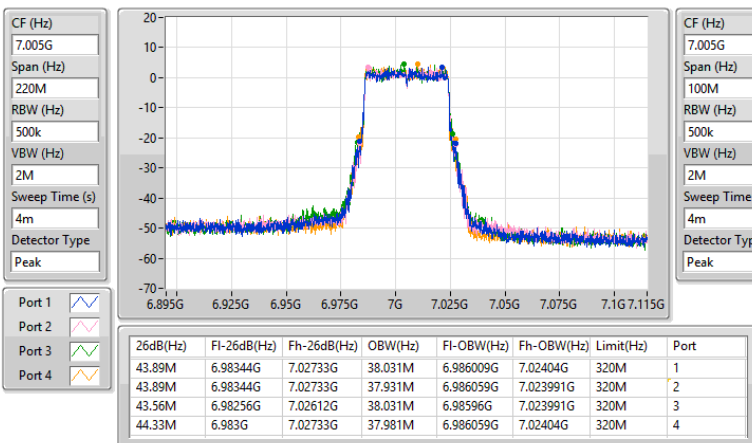


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6885MHz

06/03/2026

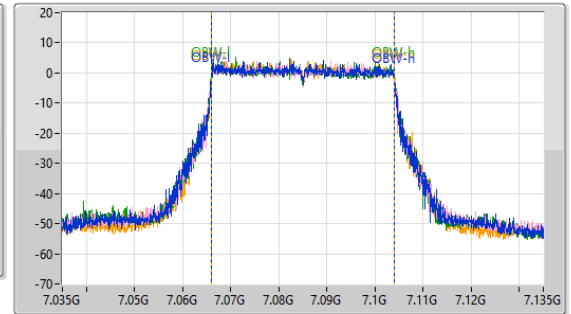
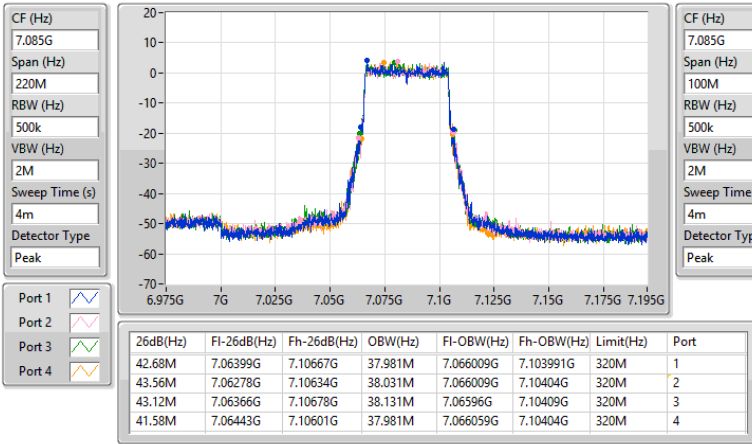

6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
7005MHz

06/03/2026

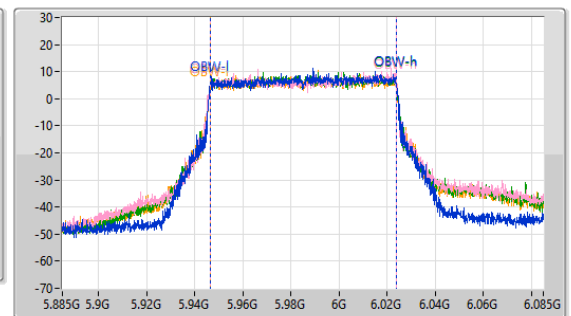
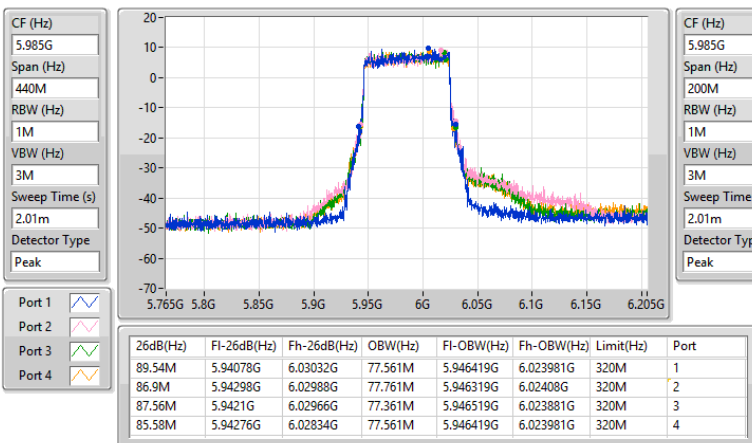


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
7085MHz

06/03/2026

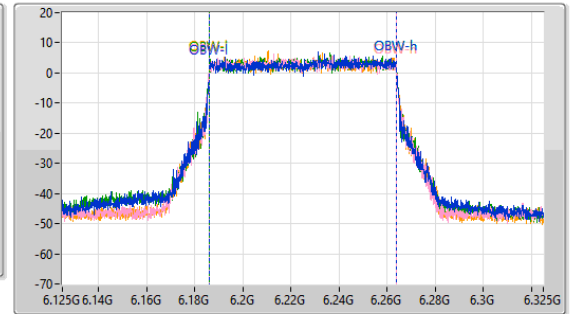
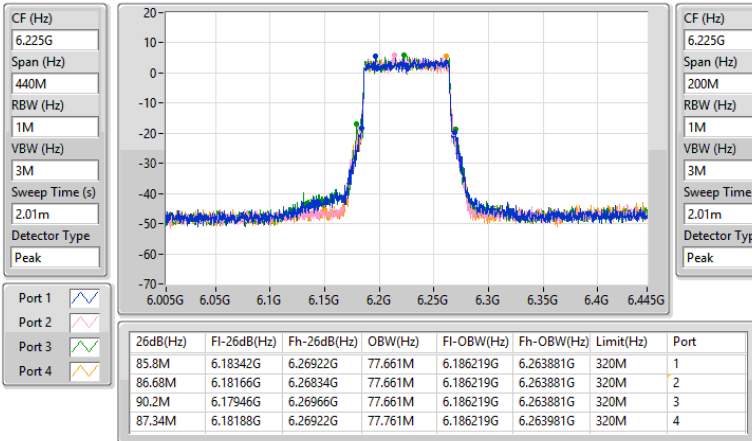

5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
5985MHz

06/03/2026

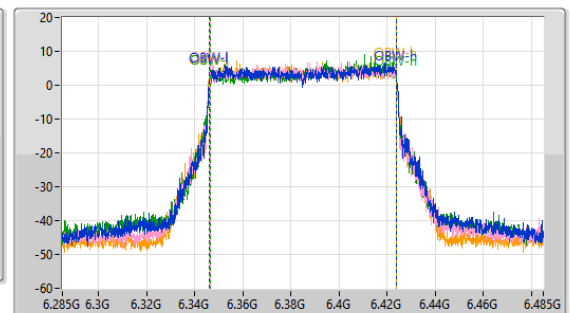
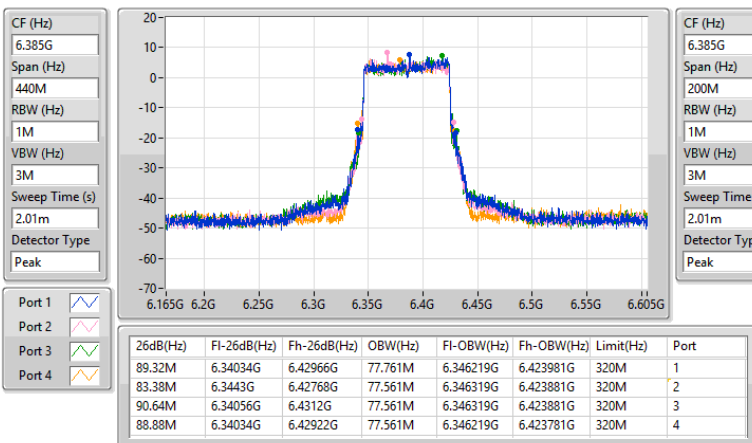


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6225MHz

06/03/2026

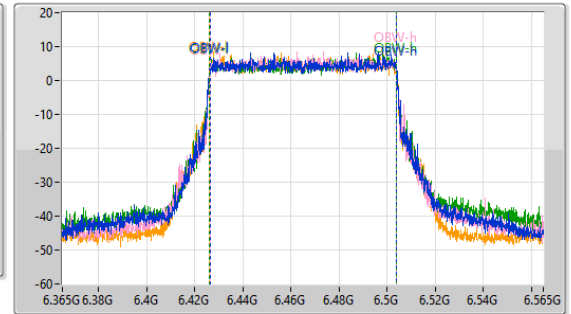
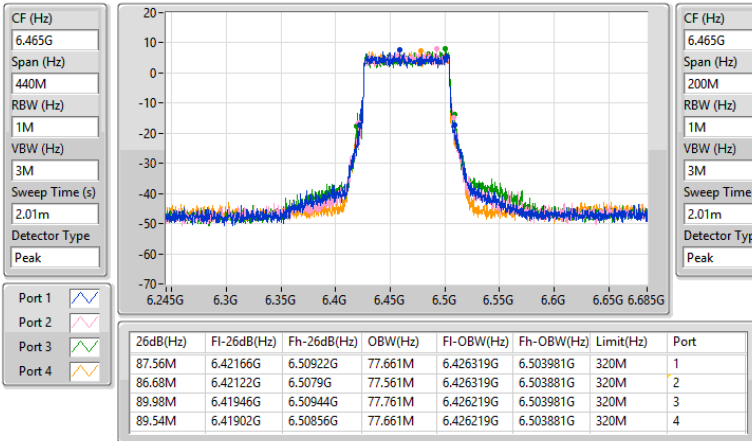

5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6385MHz

06/03/2026

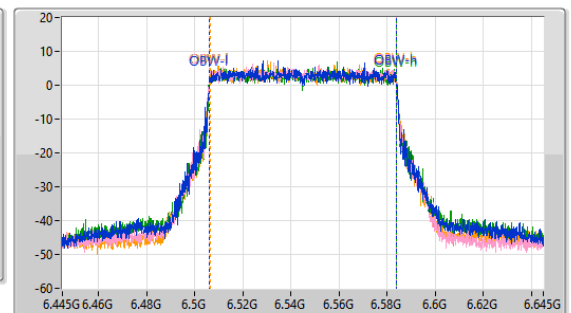
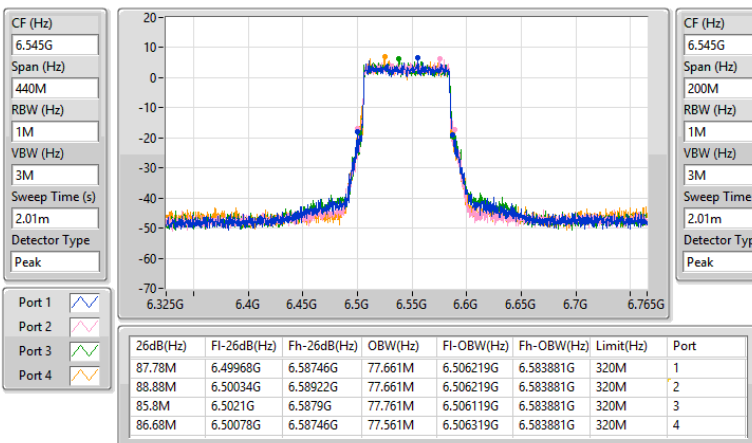


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6465MHz

06/03/2026

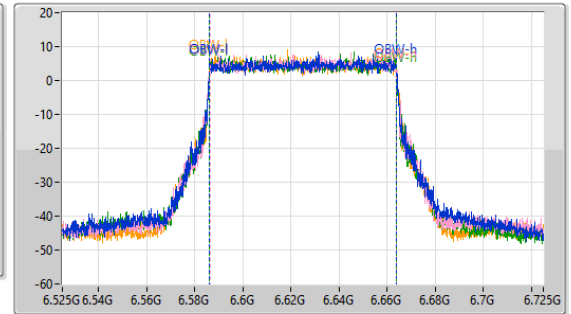
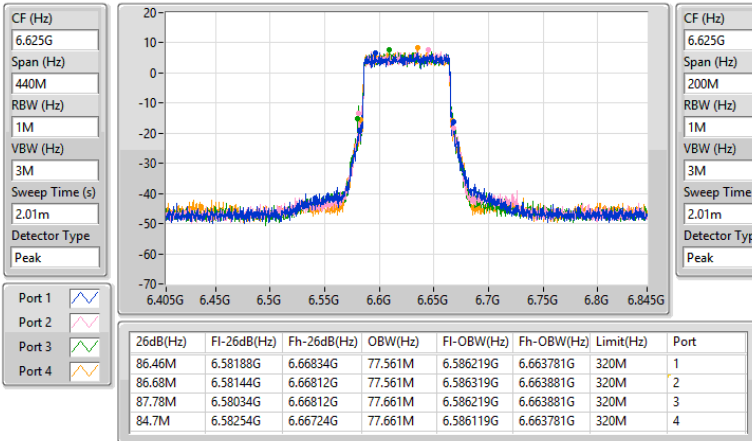

6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6545MHz

06/03/2026

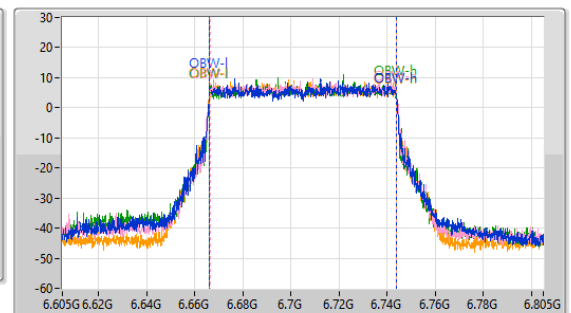
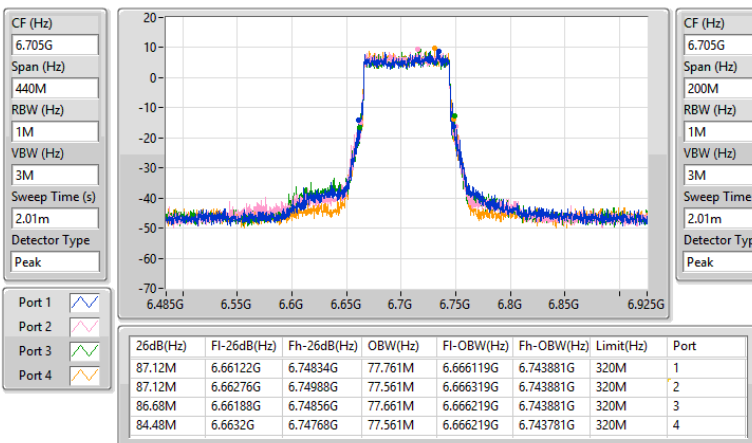


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6625MHz

06/03/2026

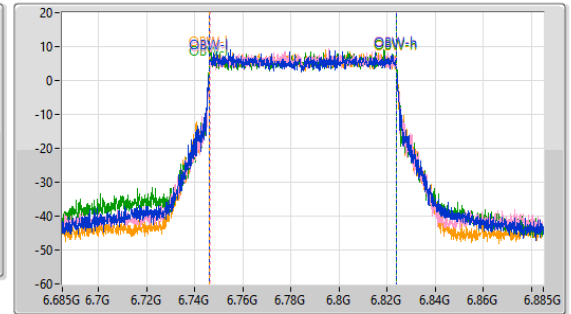
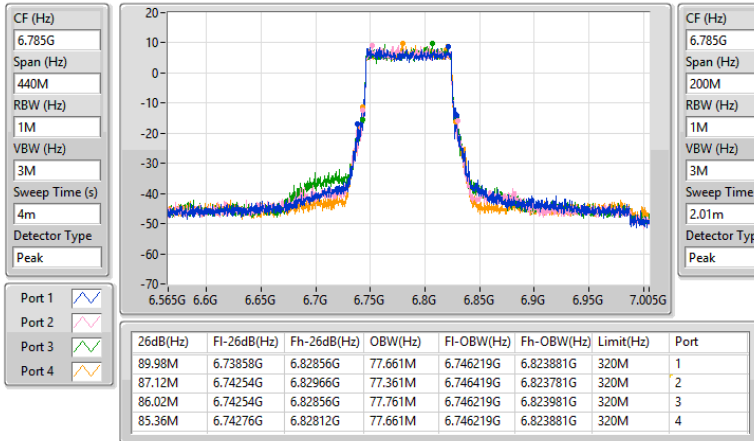

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6705MHz

06/03/2026

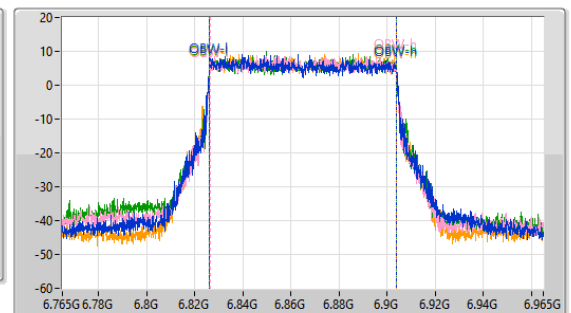
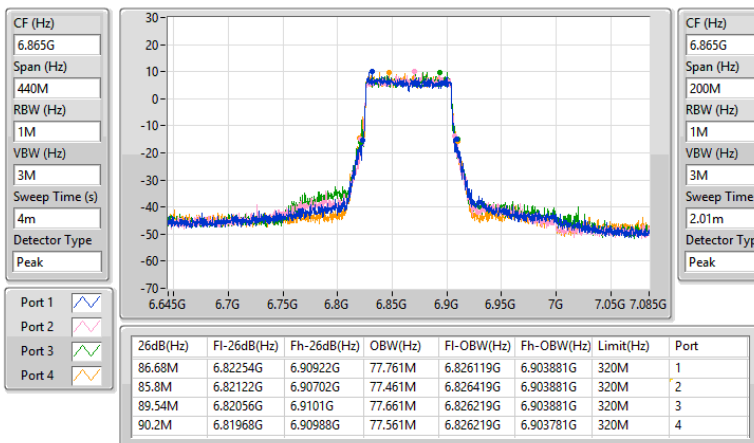


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6785MHz

06/03/2026

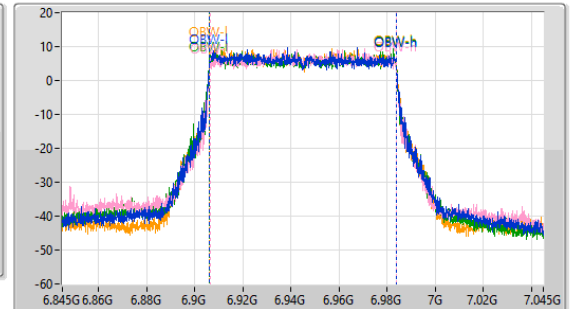
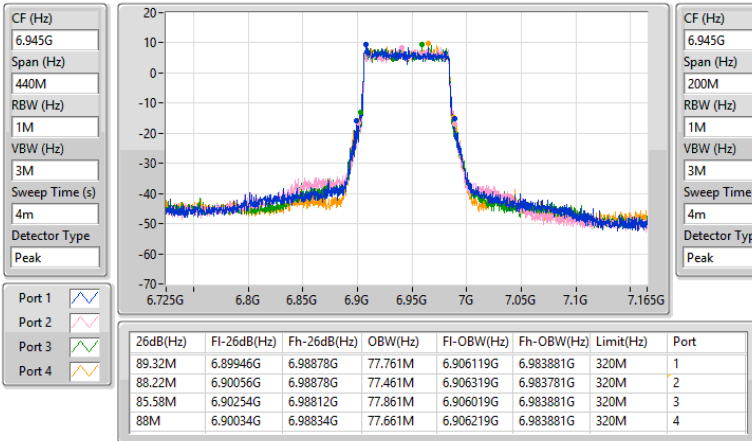

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6865MHz

06/03/2026

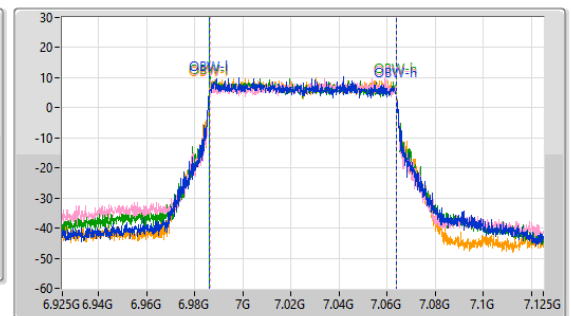
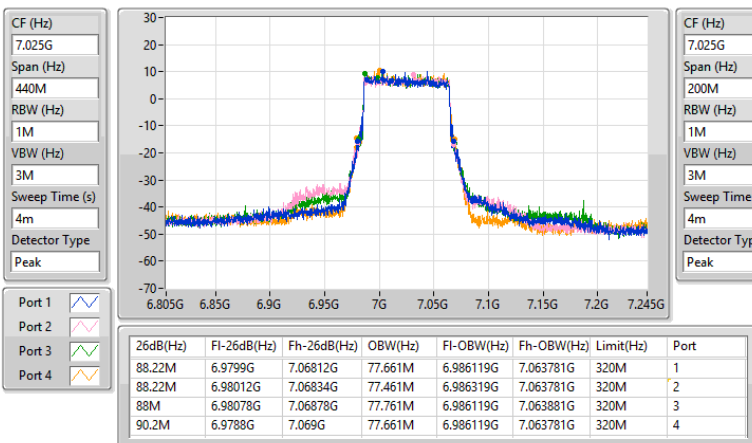


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6945MHz

06/03/2026

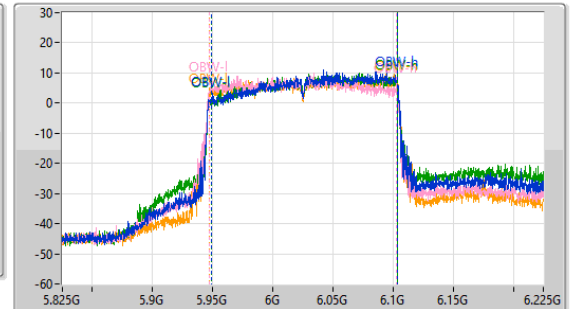
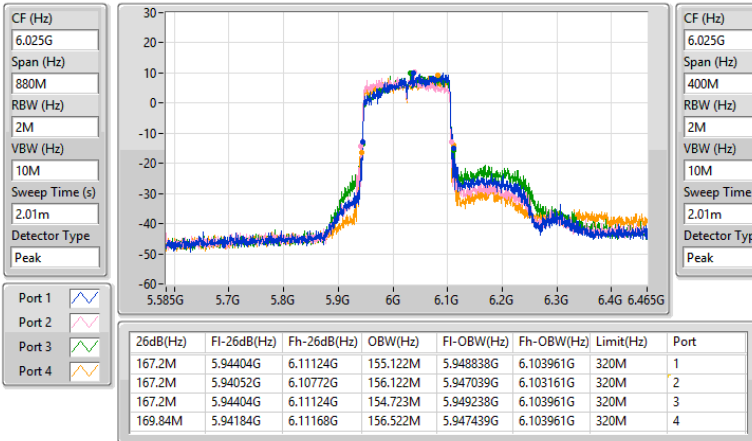

6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
7025MHz

06/03/2026

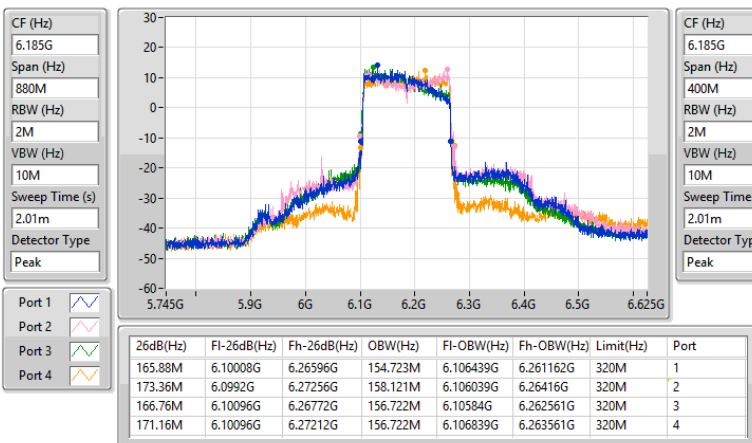


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
6025MHz

06/03/2026

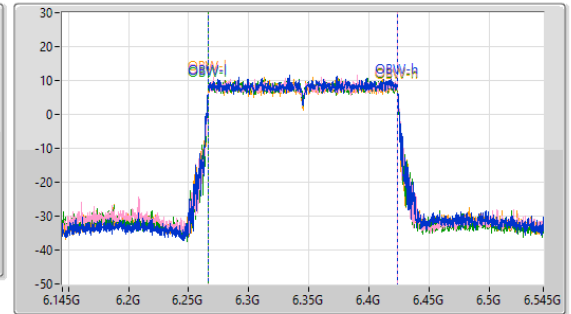
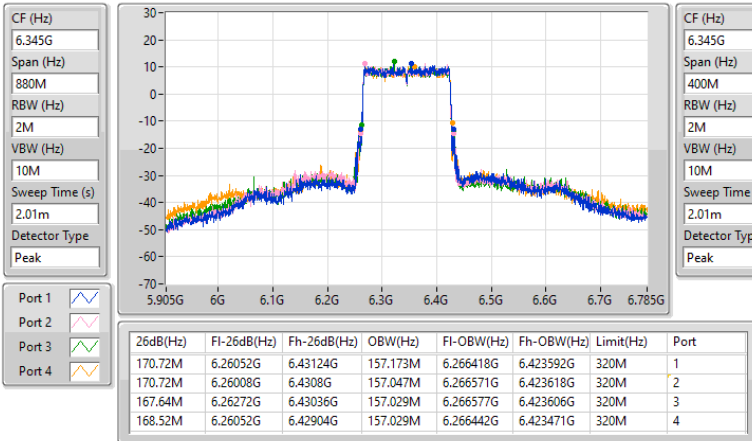

5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
6185MHz

06/03/2026

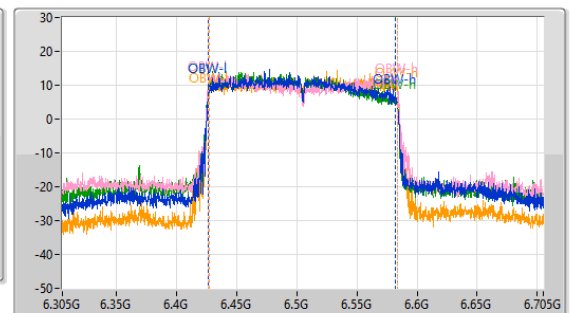
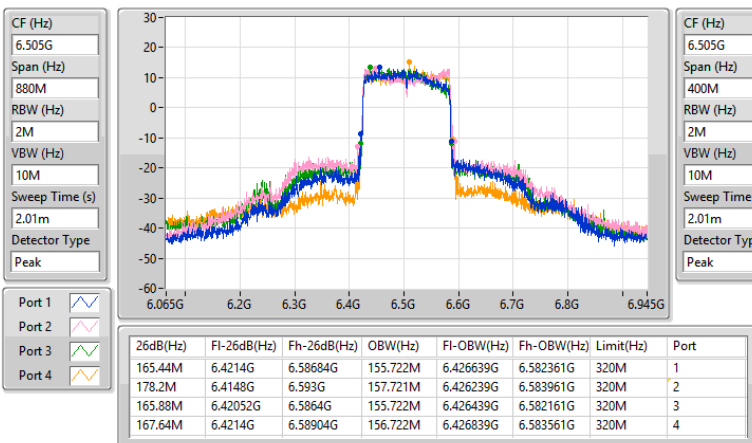


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
6345MHz

12/03/2026

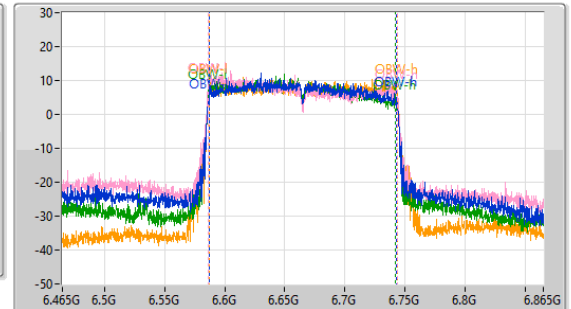
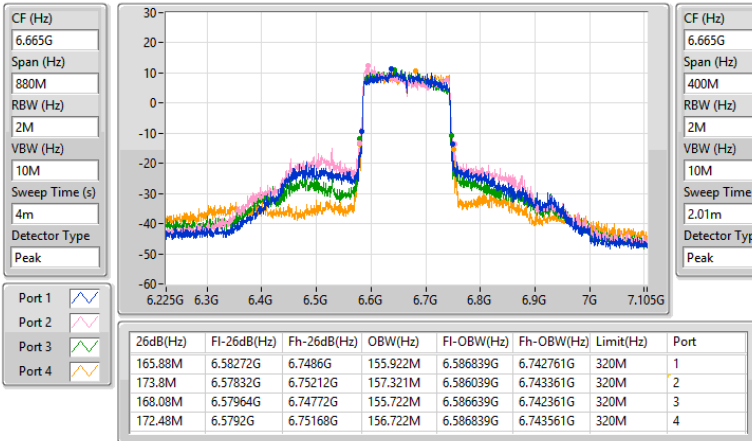

6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
6505MHz

06/03/2026

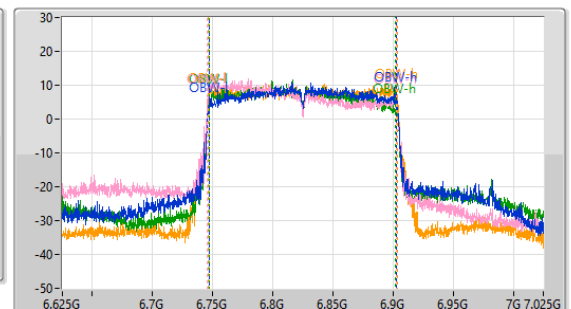
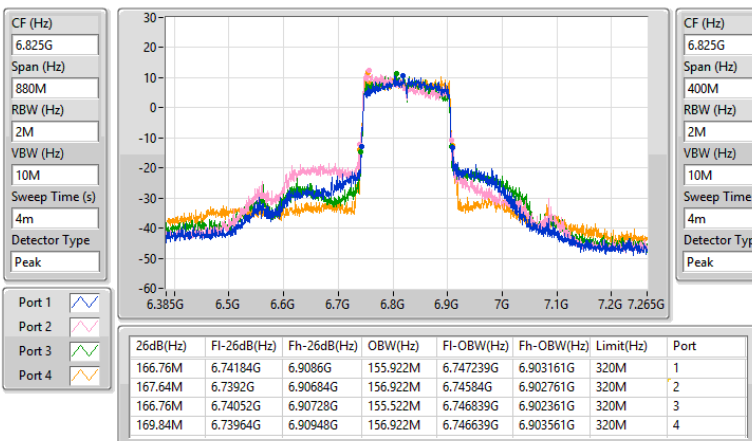


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
6665MHz

06/03/2026

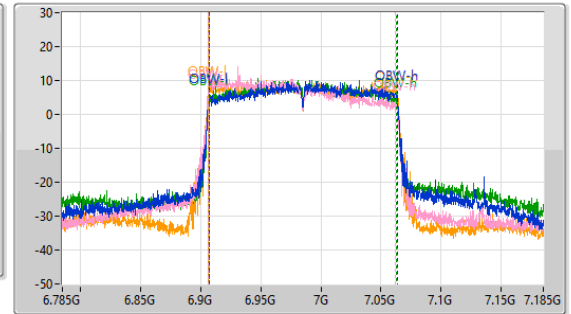
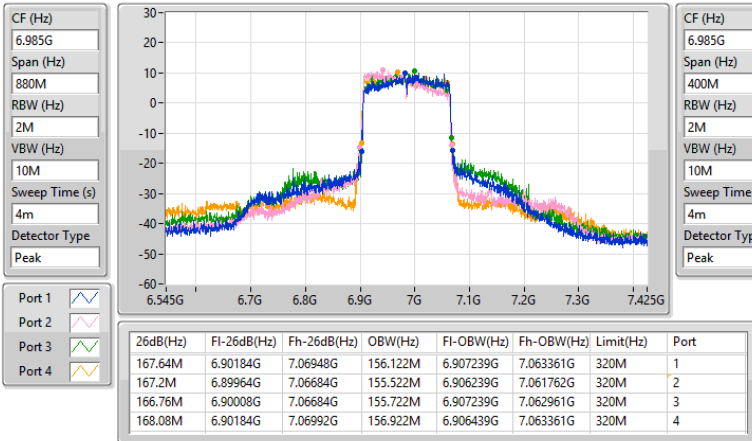

6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
6825MHz

06/03/2026

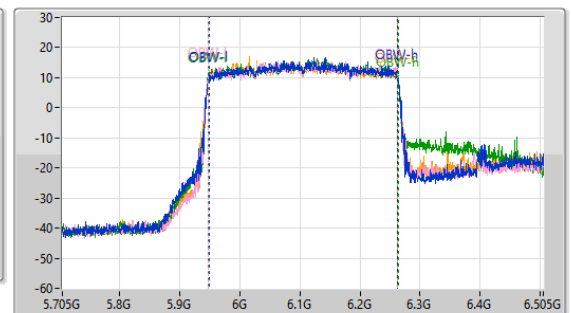
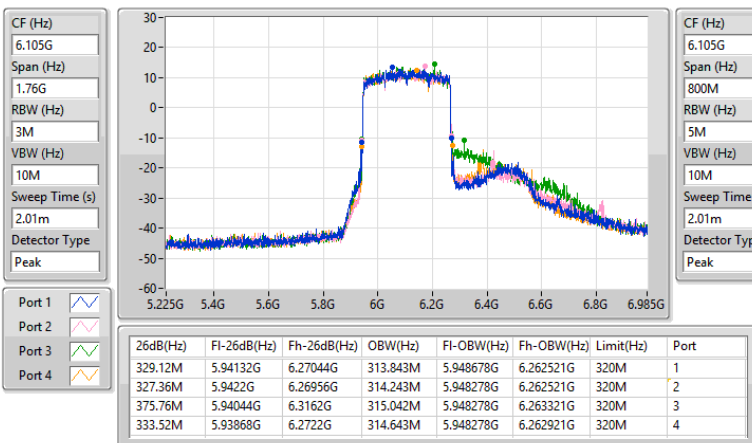


6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
6985MHz

06/03/2026

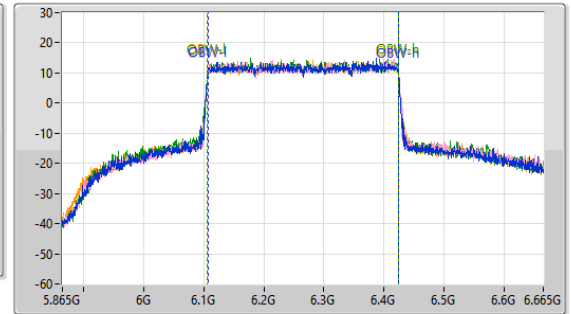
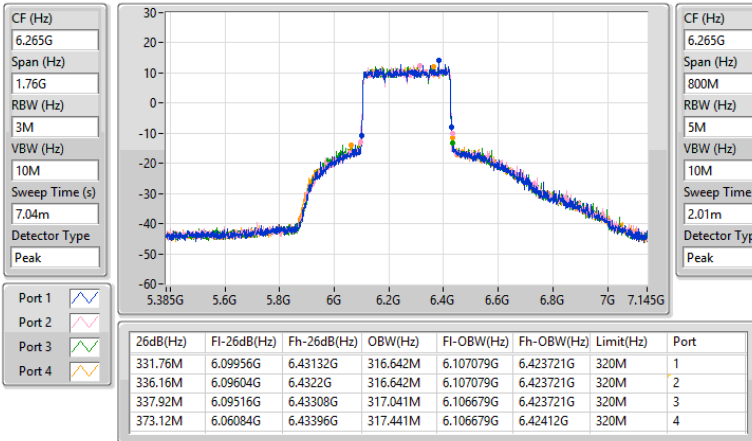

5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_4TX
EBW
6105MHz

06/03/2026

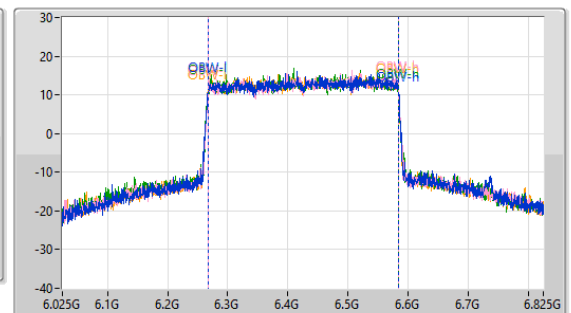
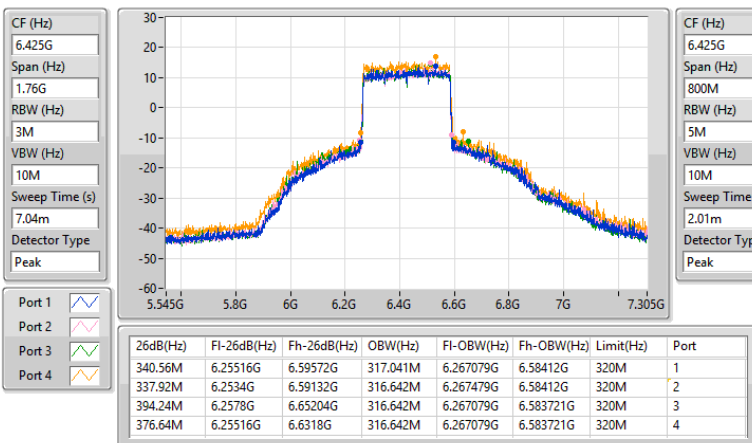


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_4TX
EBW
6265MHz

06/03/2026

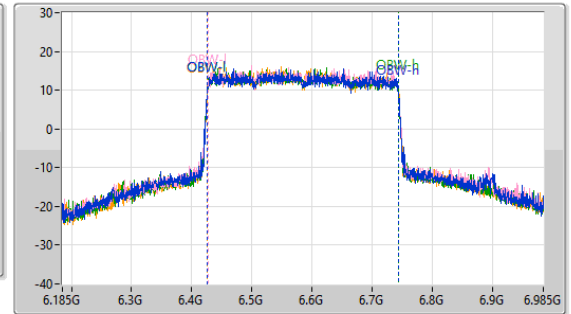

5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_4TX
EBW
6425MHz

06/03/2026

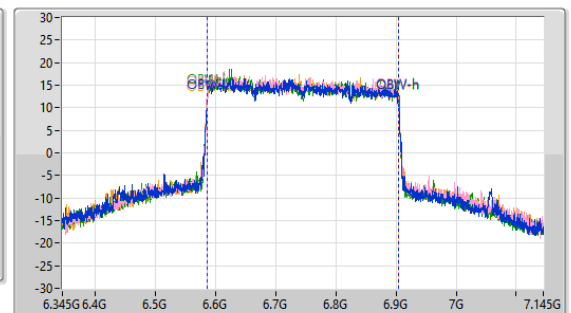
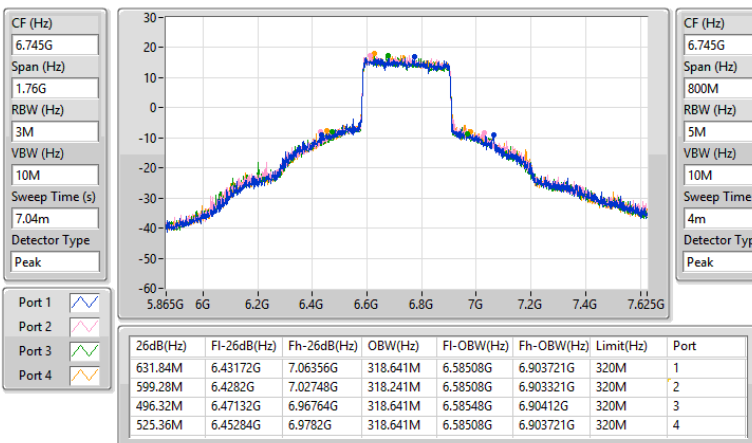


6.425-6.525GHz_802.11be EHT320_Nss1,(MCS0)_4TX
EBW
6585MHz

06/03/2026


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_4TX
EBW
6745MHz

06/03/2026

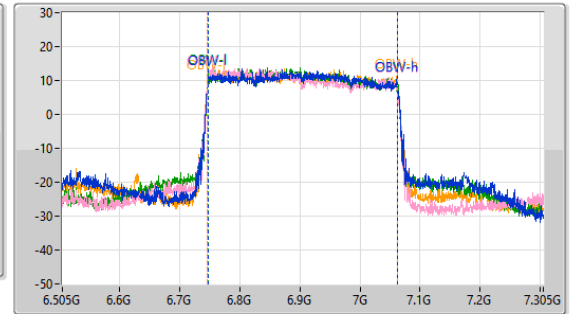
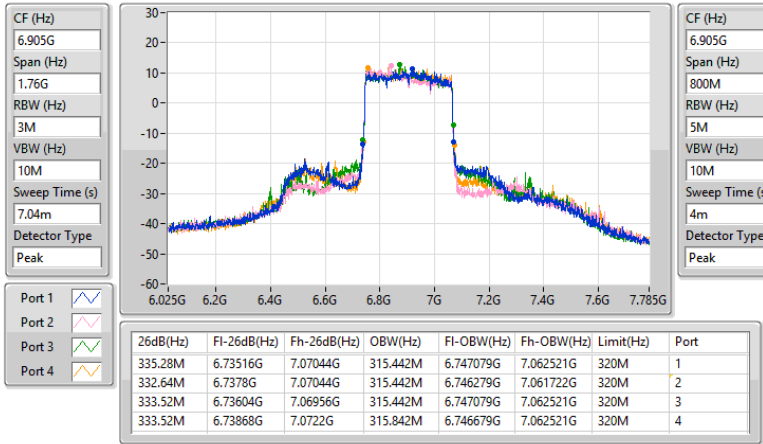


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_4TX

EBW

6905MHz

06/03/2026



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	22.605M	19.105M	19M1D1D	21.45M	19.022M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	43.78M	38.102M	38M1D1D	42.79M	37.947M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	142.78M	77.895M	77M9D1D	86.46M	77.454M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	185.68M	157.557M	158MD1D	165M	155.616M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	820.16M	318.759M	319MD1D	437.36M	315.526M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	22M	19.058M	19M1D1D	21.505M	19.02M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	44.33M	38.097M	38M1D1D	43.01M	37.905M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	89.76M	77.999M	78M0D1D	86.46M	77.439M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	169.4M	157.023M	157MD1D	165M	155.7M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	894.08M	316.763M	317MD1D	671.44M	316.011M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	22.11M	19.086M	19M1D1D	21.285M	19.008M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	44.33M	38.077M	38M1D1D	42.79M	37.915M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	90.64M	77.896M	77M9D1D	86.24M	77.693M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	172.92M	157.227M	157MD1D	168.08M	156.378M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	880M	319.708M	320MD1D	799.92M	316.216M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	22.33M	19.09M	19M1D1D	20.9M	19.019M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	44.77M	38.064M	38M1D1D	42.46M	37.899M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	121M	77.854M	77M9D1D	87.34M	77.708M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	173.36M	156.98M	157MD1D	171.6M	156.829M

Max-N dB = Maximum 26dB down bandwidth for other band;
 Max-OBW = Maximum 99% occupied bandwidth;
 Min-N dB = Maximum 26dB down bandwidth for other band;
 Min-OBW = Minimum 99% occupied bandwidth

Result

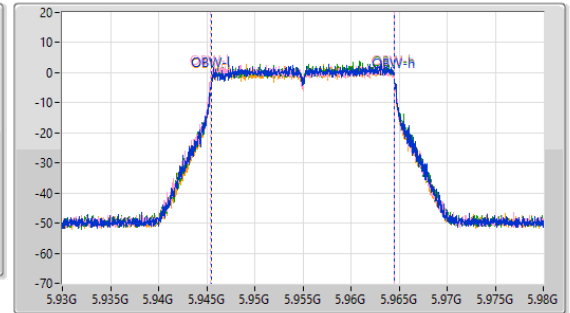
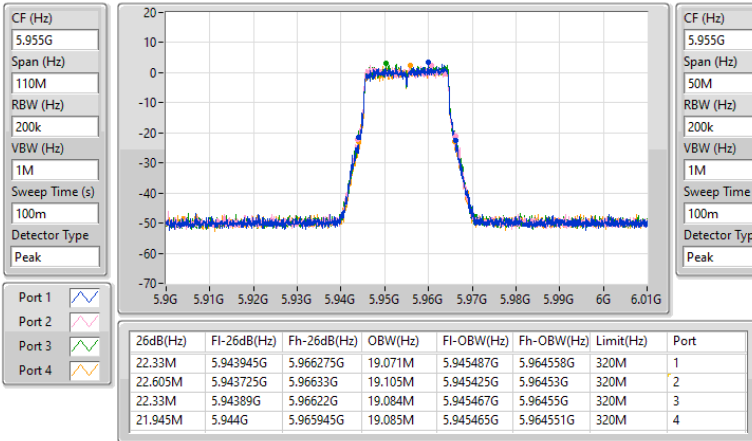
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	320M	22.33M	19.071M	22.605M	19.105M	22.33M	19.084M	21.945M	19.085M
6195MHz	Pass	320M	22M	19.035M	22.11M	19.048M	21.45M	19.028M	21.89M	19.035M
6415MHz	Pass	320M	21.45M	19.033M	21.78M	19.065M	22.11M	19.048M	22.165M	19.022M
6435MHz	Pass	320M	21.725M	19.04M	21.67M	19.025M	21.835M	19.054M	21.505M	19.055M
6475MHz	Pass	320M	21.725M	19.044M	21.78M	19.058M	21.89M	19.039M	21.945M	19.02M
6515MHz	Pass	320M	21.945M	19.021M	22M	19.04M	21.505M	19.03M	21.67M	19.032M
6535MHz	Pass	320M	21.835M	19.023M	21.395M	19.037M	22.055M	19.044M	21.89M	19.027M
6695MHz	Pass	320M	21.615M	19.028M	21.78M	19.086M	21.725M	19.036M	22.11M	19.037M
6855MHz	Pass	320M	21.56M	19.03M	22M	19.046M	21.945M	19.031M	21.615M	19.04M
6875MHz	Pass	320M	21.285M	19.008M	21.835M	19.039M	21.725M	19.036M	21.56M	19.038M
6995MHz	Pass	320M	22.33M	19.029M	22.11M	19.058M	21.67M	19.046M	21.725M	19.019M
7095MHz	Pass	320M	20.9M	19.043M	22.275M	19.09M	22M	19.046M	21.56M	19.036M
7115MHz	Pass	320M	21.835M	19.05M	21.89M	19.025M	21.945M	19.081M	21.78M	19.048M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	320M	42.79M	38.02M	43.67M	38.102M	43.78M	37.971M	43.56M	37.973M
6205MHz	Pass	320M	43.56M	37.988M	43.56M	38.077M	43.45M	37.947M	42.9M	37.954M
6405MHz	Pass	320M	43.23M	37.994M	43.67M	38.055M	43.12M	37.947M	43.23M	38.004M
6445MHz	Pass	320M	43.23M	37.978M	43.23M	38.097M	44.22M	37.905M	43.12M	37.982M
6485MHz	Pass	320M	43.78M	37.984M	43.01M	38.019M	44.33M	38.001M	43.34M	37.984M
6525MHz	Pass	320M	44.22M	38.003M	43.78M	38.049M	43.12M	38.008M	43.23M	37.967M
6565MHz	Pass	320M	43.34M	38.045M	43.23M	37.919M	44.11M	37.962M	43.78M	38.015M
6685MHz	Pass	320M	44.22M	38.077M	43.67M	37.927M	43.56M	37.981M	44M	38.041M
6845MHz	Pass	320M	43.34M	38.024M	43.23M	37.943M	44.33M	37.985M	43.89M	38.024M
6885MHz	Pass	320M	43.67M	38.074M	42.79M	37.915M	43.01M	38.018M	44.33M	38.019M
7005MHz	Pass	320M	43.34M	38.048M	44M	37.899M	43.45M	37.995M	44.77M	38.051M
7085MHz	Pass	320M	42.46M	38.041M	43.34M	37.966M	43.23M	37.979M	42.79M	38.064M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	320M	89.76M	77.863M	86.46M	77.692M	142.78M	77.682M	134.64M	77.759M
6225MHz	Pass	320M	89.1M	77.895M	86.9M	77.454M	89.76M	77.894M	87.34M	77.749M
6385MHz	Pass	320M	117.04M	77.884M	87.56M	77.477M	87.78M	77.833M	88.88M	77.738M
6465MHz	Pass	320M	88.66M	77.997M	87.12M	77.565M	89.32M	77.942M	89.76M	77.773M
6545MHz	Pass	320M	87.56M	77.999M	87.56M	77.439M	88.66M	77.97M	86.46M	77.842M
6625MHz	Pass	320M	89.54M	77.817M	87.78M	77.701M	90.2M	77.896M	88.88M	77.817M
6705MHz	Pass	320M	87.78M	77.89M	88.66M	77.728M	89.32M	77.85M	87.34M	77.834M
6785MHz	Pass	320M	86.46M	77.869M	87.12M	77.758M	90.2M	77.884M	86.24M	77.864M
6865MHz	Pass	320M	89.54M	77.867M	88M	77.693M	90.64M	77.864M	89.54M	77.819M
6945MHz	Pass	320M	88.88M	77.78M	87.34M	77.772M	89.76M	77.854M	91.74M	77.845M
7025MHz	Pass	320M	121M	77.85M	87.56M	77.708M	89.76M	77.815M	90.2M	77.79M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	320M	168.08M	156.838M	168.96M	156.694M	185.68M	156.76M	170.72M	156.428M
6185MHz	Pass	320M	168.96M	157.186M	168.08M	155.853M	171.16M	156.919M	170.28M	156.736M
6345MHz	Pass	320M	171.16M	157.557M	165M	155.616M	168.52M	157.085M	168.08M	156.605M
6505MHz	Pass	320M	168.52M	156.848M	165M	155.7M	169.4M	157.023M	169.4M	156.142M
6665MHz	Pass	320M	170.72M	156.378M	170.72M	156.535M	172.04M	156.662M	168.08M	156.599M
6825MHz	Pass	320M	170.72M	157.227M	172.92M	156.753M	170.72M	157.177M	171.6M	157.008M
6985MHz	Pass	320M	172.92M	156.829M	173.36M	156.98M	171.6M	156.934M	173.36M	156.928M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	320M	437.36M	315.526M	559.68M	315.646M	547.36M	317.141M	594.88M	316.175M
6265MHz	Pass	320M	604.56M	318.398M	595.76M	317.881M	579.04M	318.759M	458.48M	315.865M
6425MHz	Pass	320M	698.72M	316.716M	679.36M	316.555M	700.48M	316.608M	820.16M	316.644M
6585MHz	Pass	320M	894.08M	316.011M	803.44M	316.763M	820.16M	316.17M	671.44M	316.529M
6745MHz	Pass	320M	799.92M	316.756M	821.92M	318.608M	811.36M	316.216M	813.12M	316.52M
6905MHz	Pass	320M	846.56M	317.373M	836.88M	319.708M	859.76M	318.302M	880M	317.84M



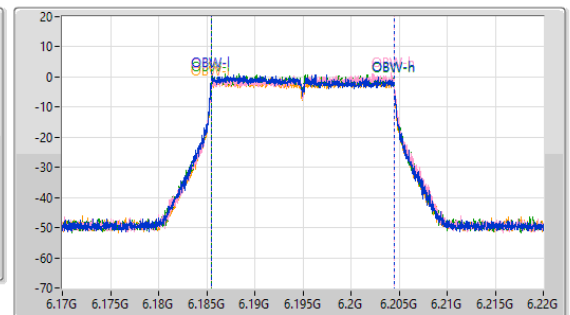
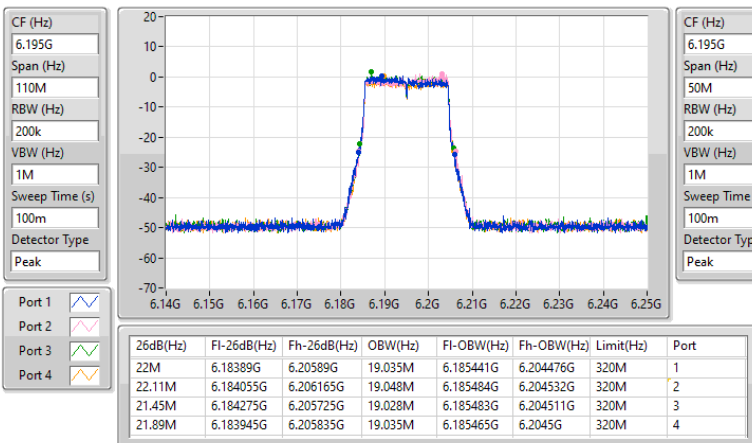
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

28/04/2026

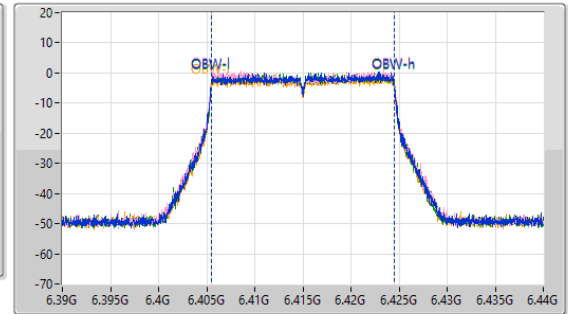
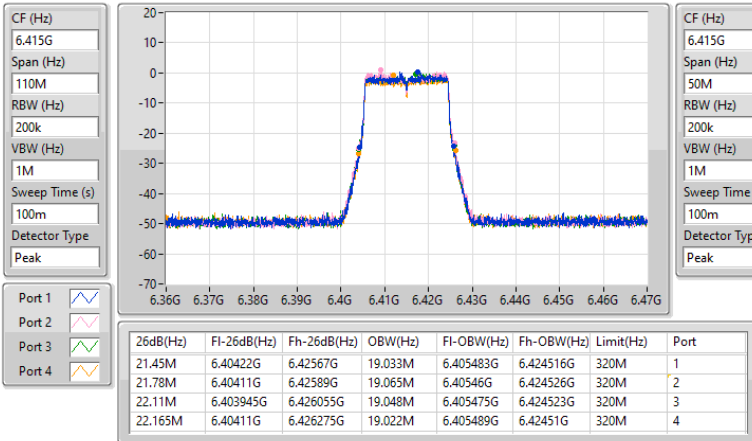

5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX
EBW
6195MHz

28/04/2026

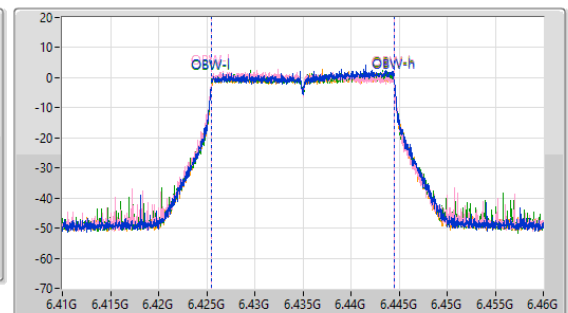
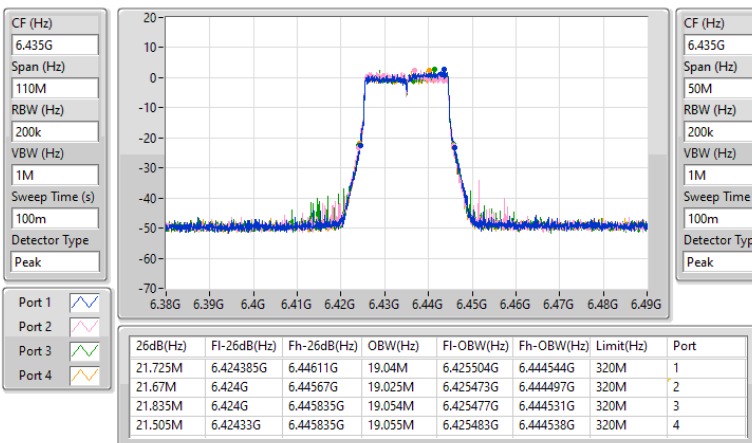


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX
EBW
6415MHz

28/04/2026

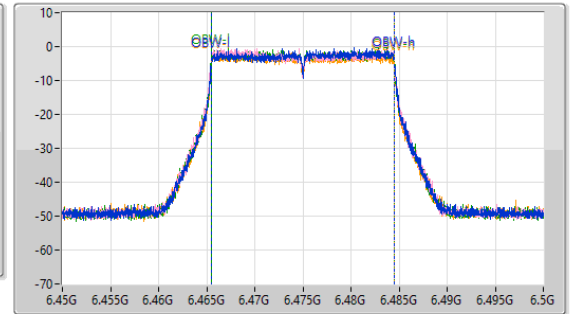
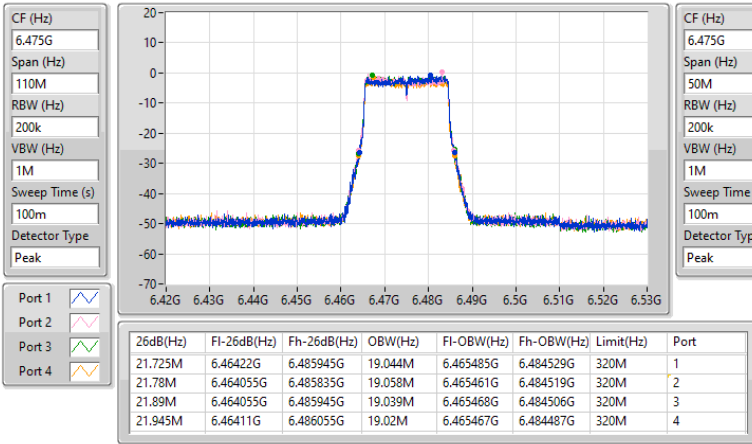

6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX
EBW
6435MHz

28/04/2026

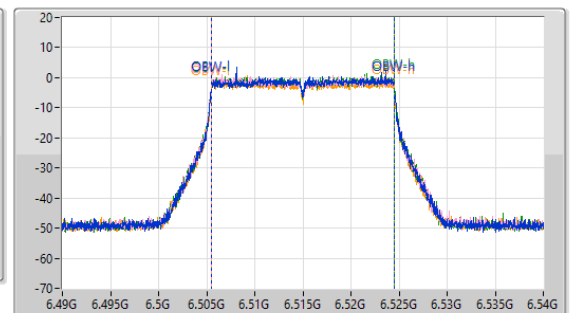
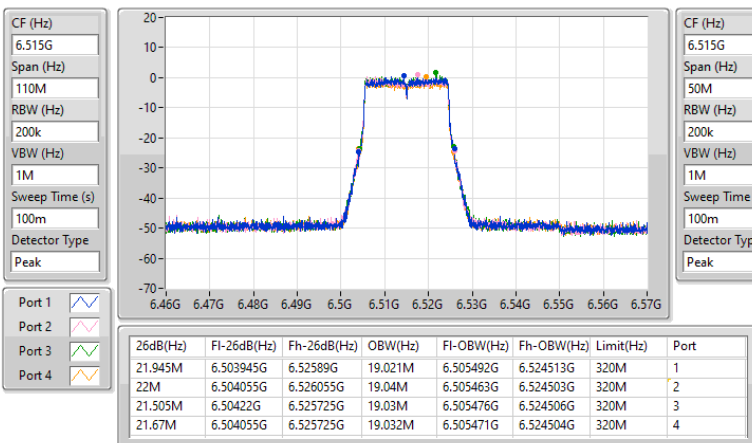


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX
EBW
6475MHz

28/04/2026


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX
EBW
6515MHz

28/04/2026

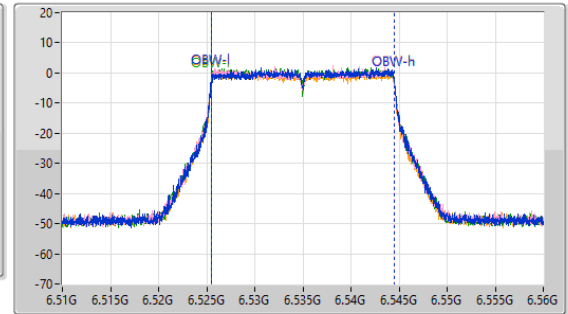
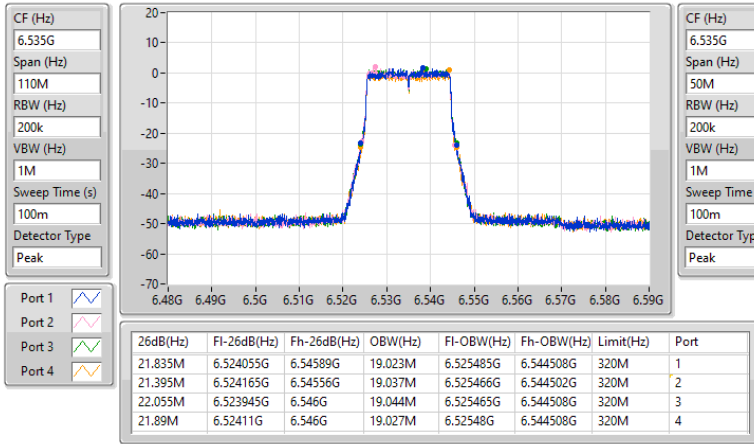


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6535MHz

28/04/2026

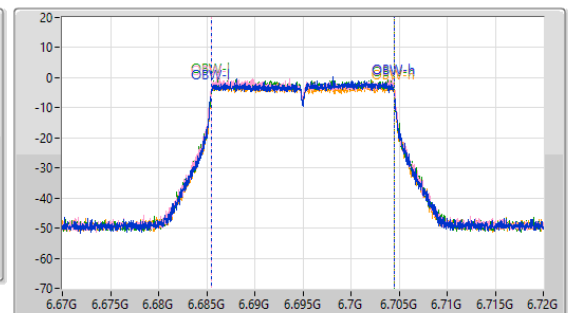
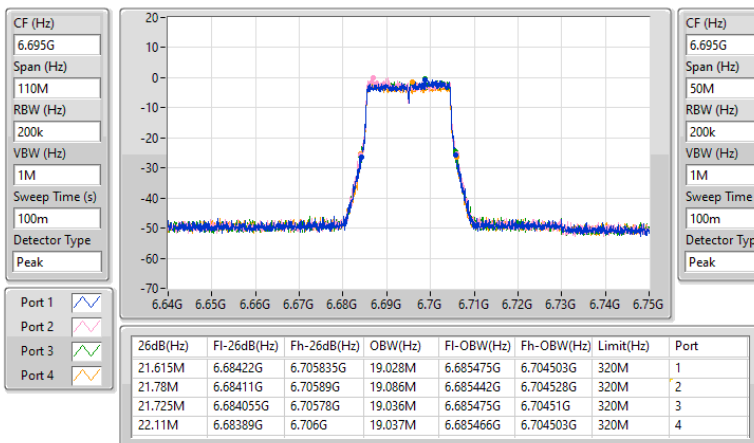


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6695MHz

28/04/2026

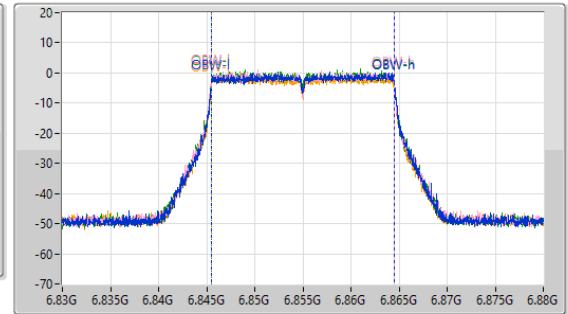
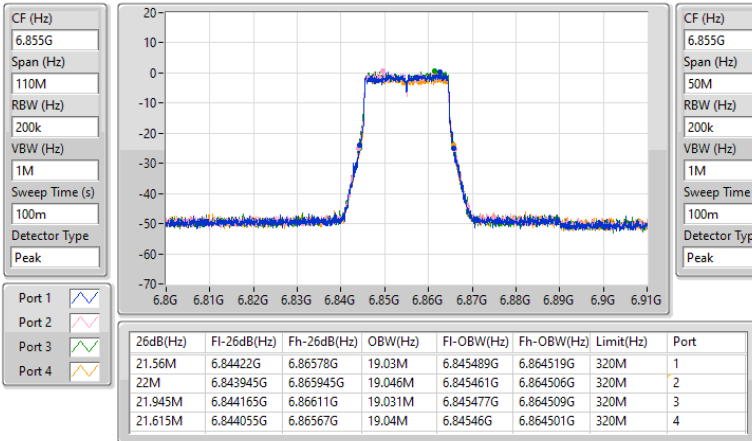


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6855MHz

28/04/2026

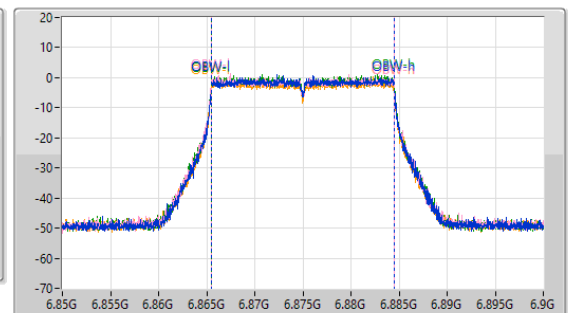
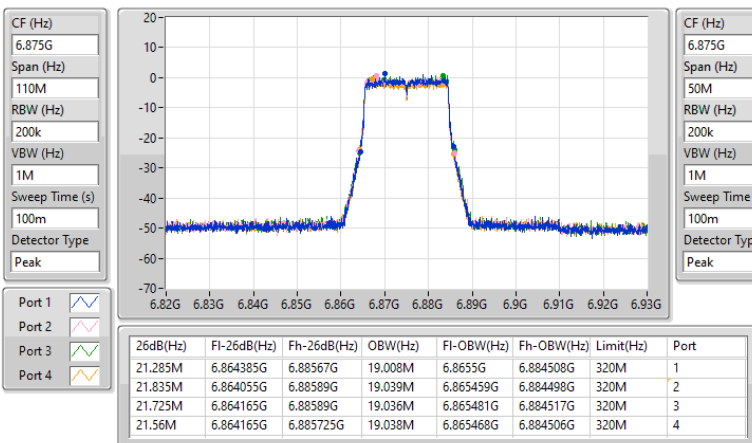


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

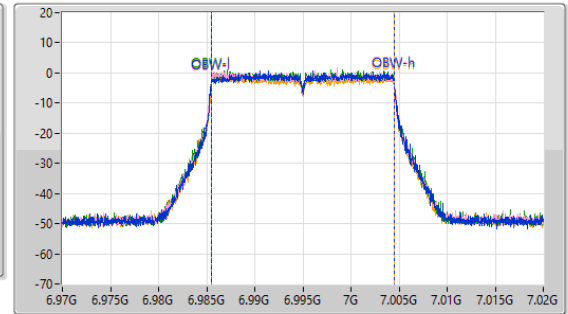
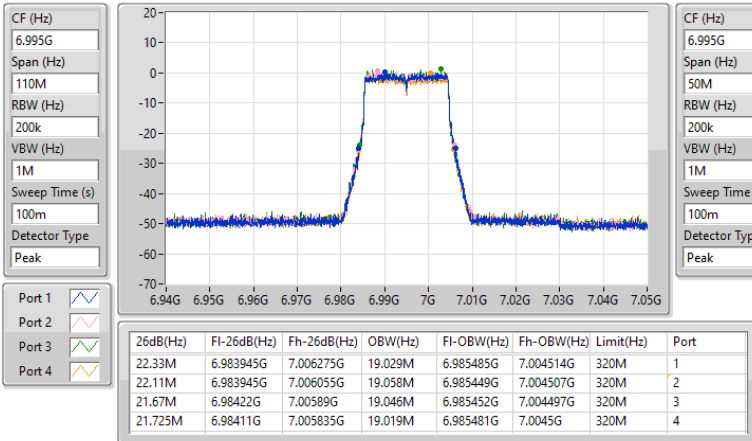
6875MHz

28/04/2026

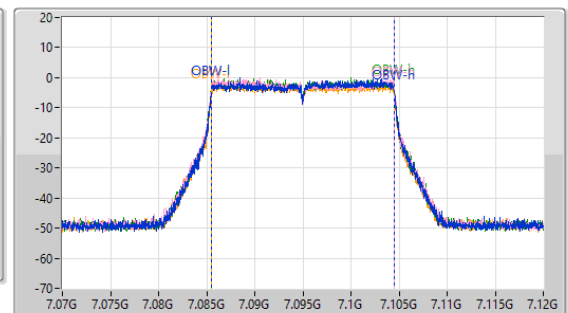
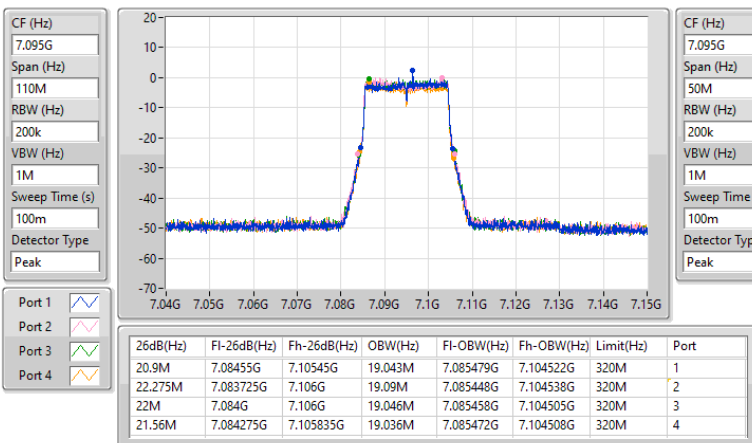


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX
EBW
6995MHz

28/04/2026

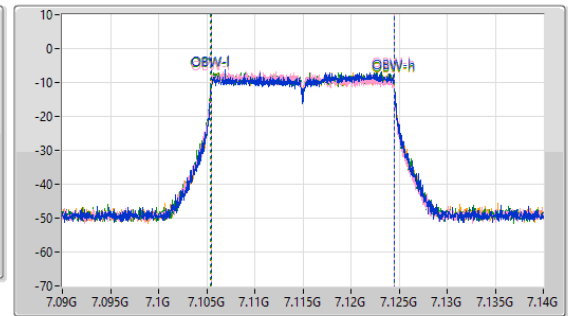
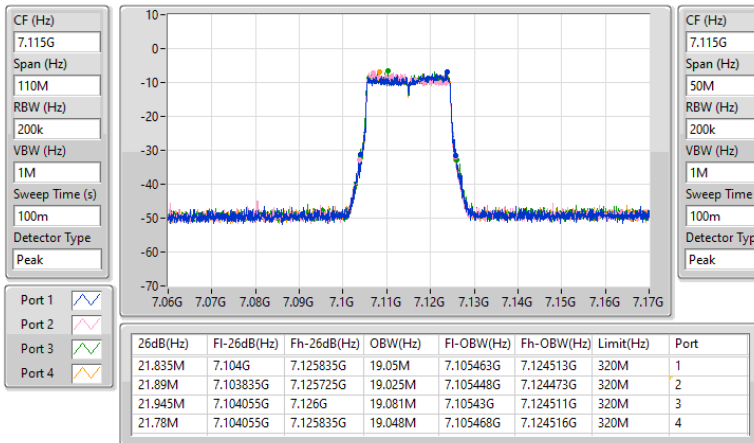

6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX
EBW
7095MHz

28/04/2026

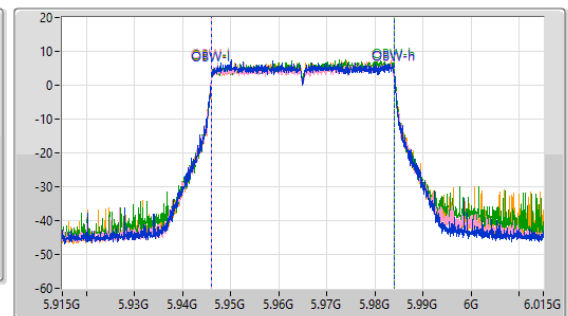
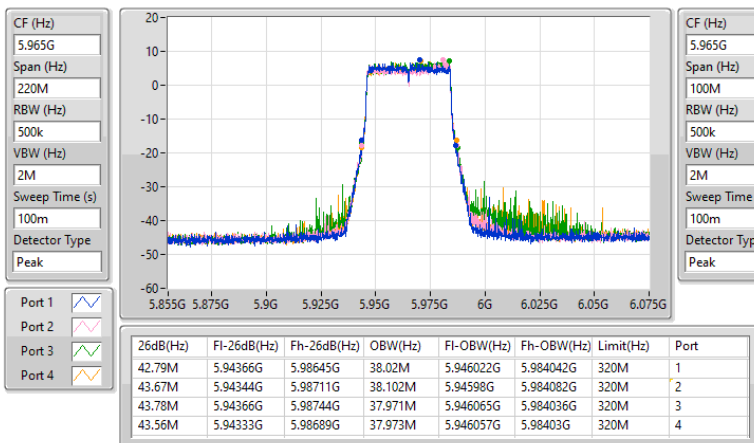


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX
EBW
7115MHz

28/04/2026

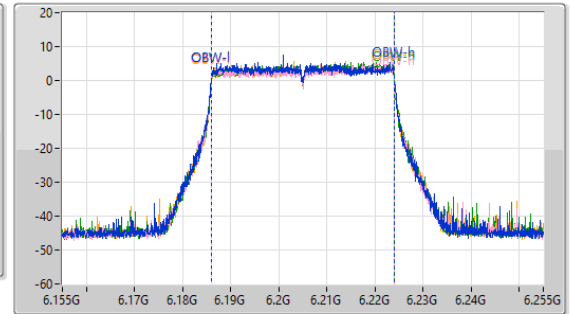
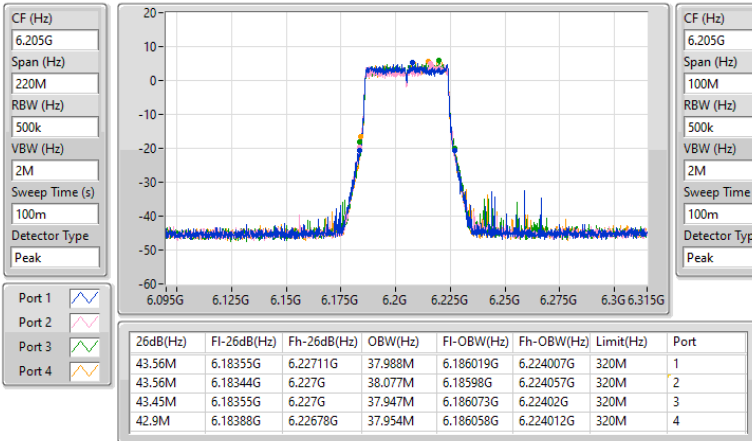

5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
5965MHz

28/04/2026

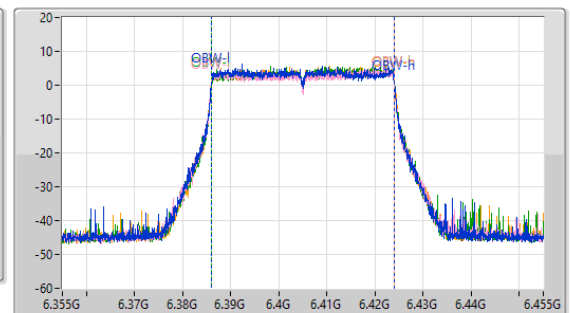
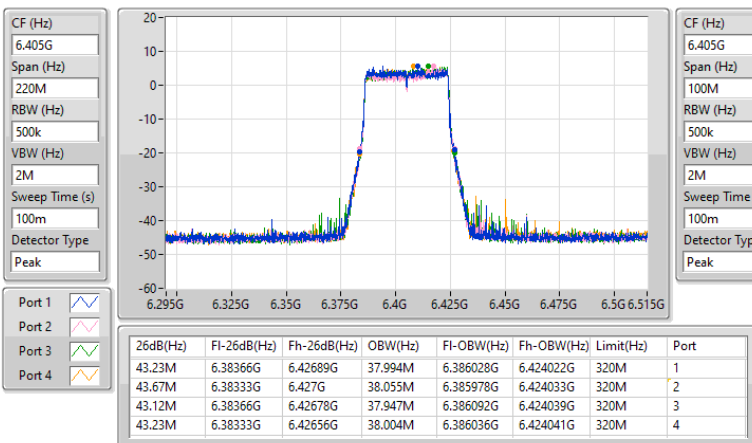


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
6205MHz

28/04/2026

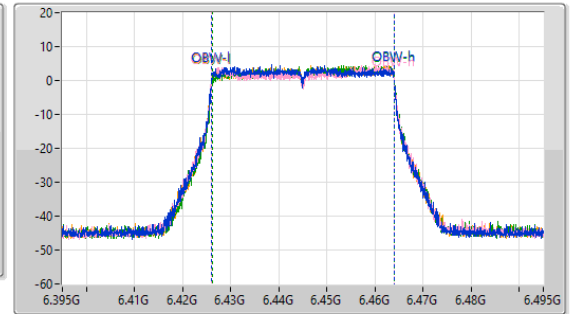
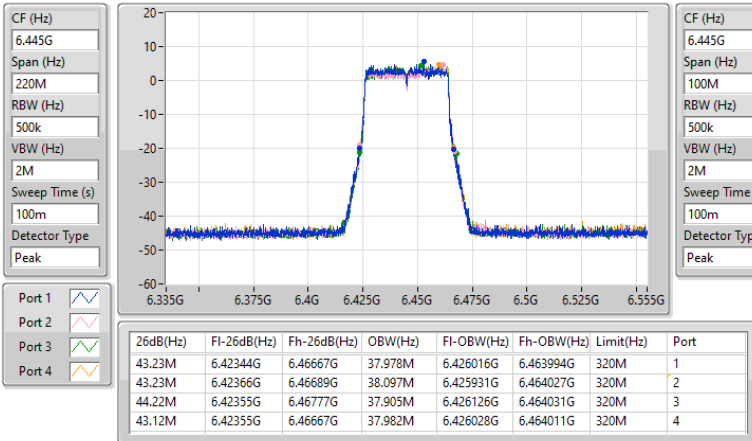

5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
6405MHz

28/04/2026

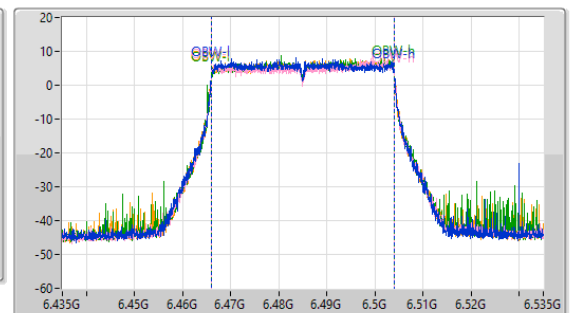
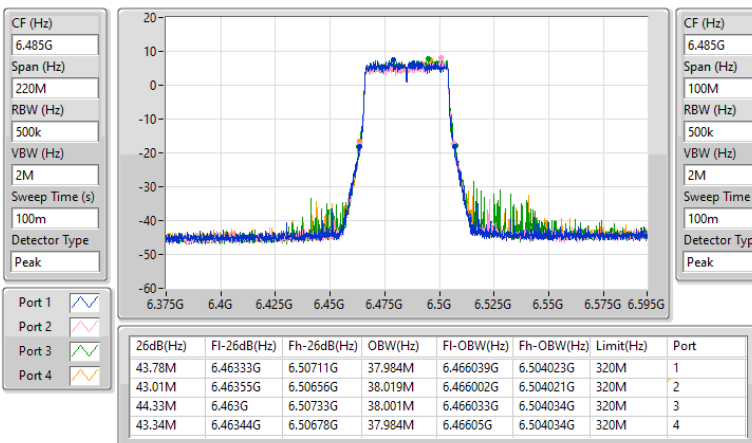


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
6445MHz

28/04/2026

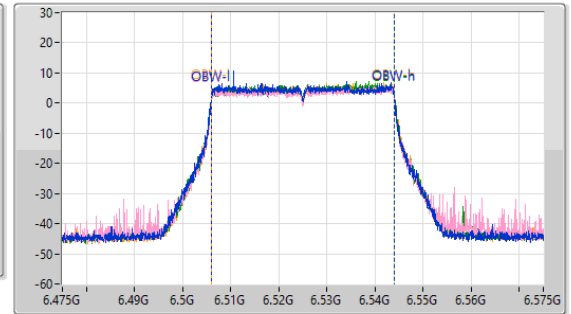
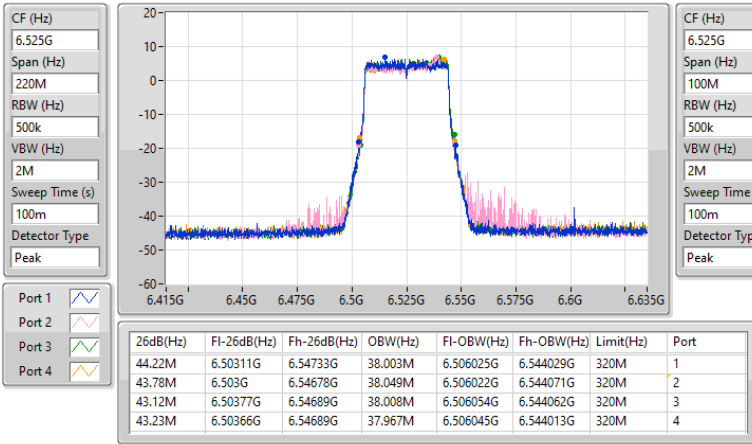

6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
6485MHz

28/04/2026

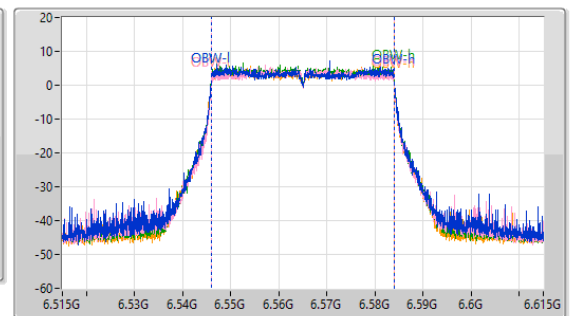
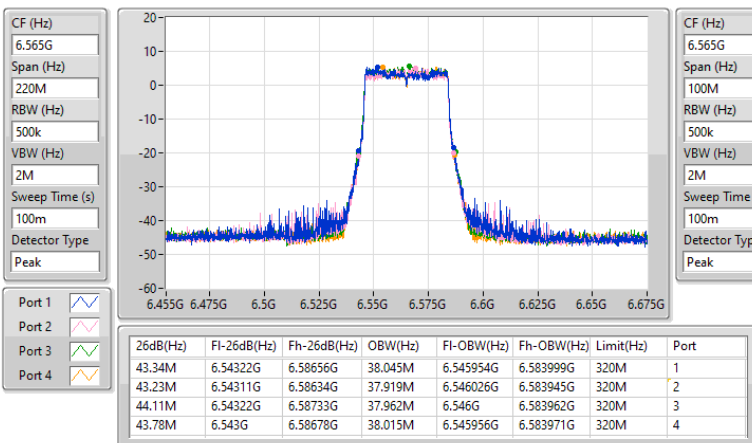


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
6525MHz

28/04/2026

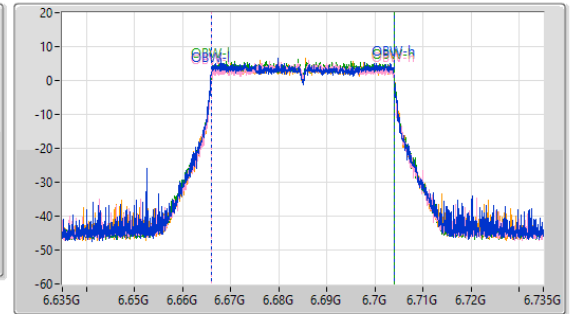
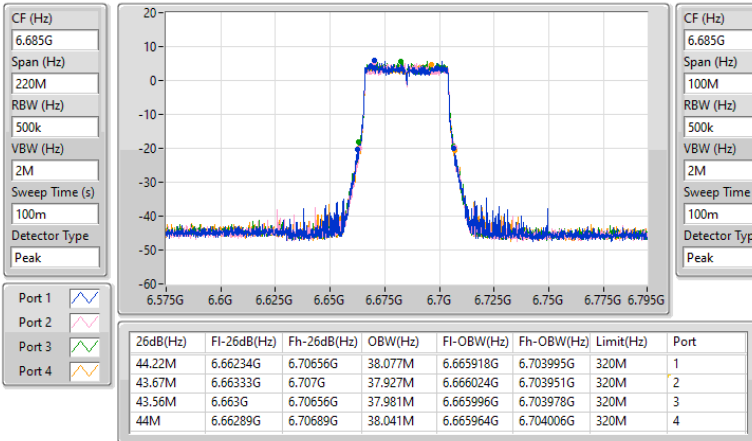

6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
6565MHz

28/04/2026

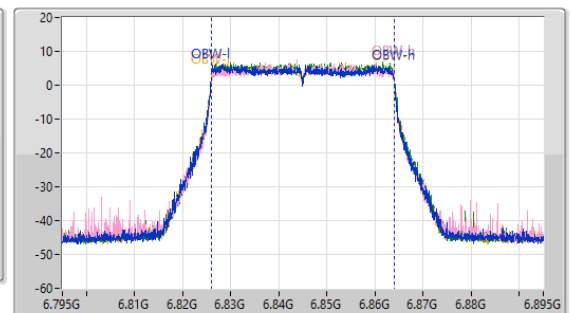
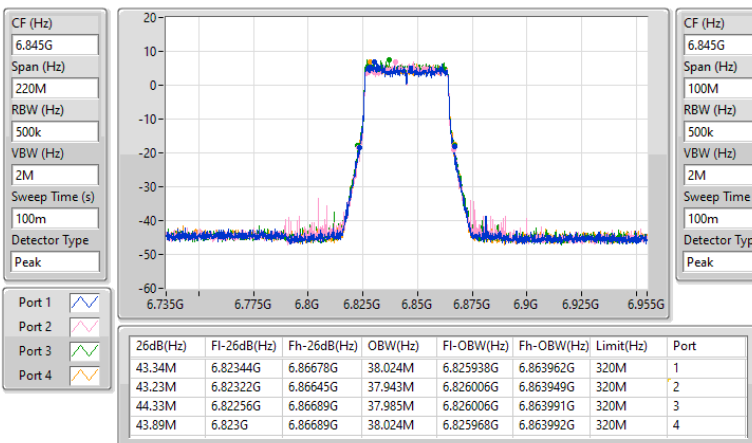


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
6685MHz

28/04/2026

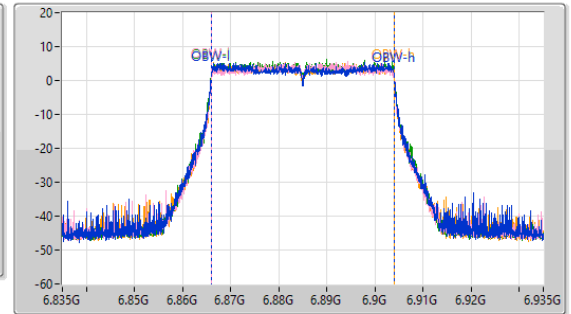
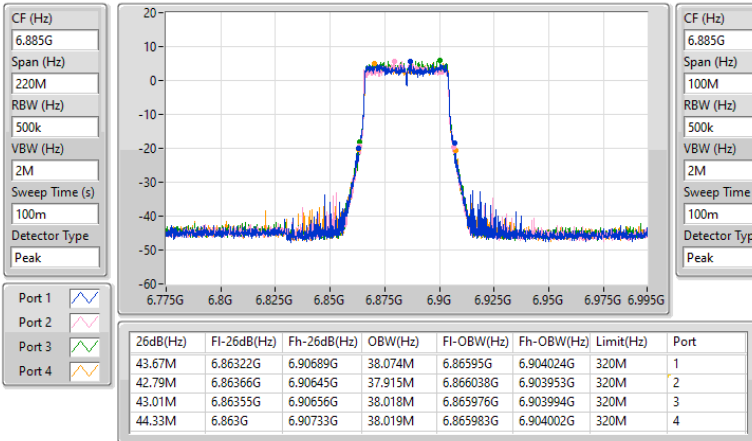

6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
6845MHz

28/04/2026

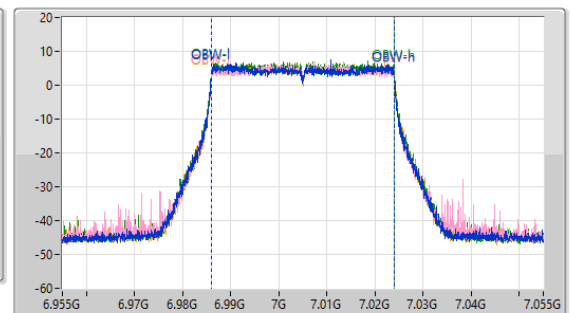
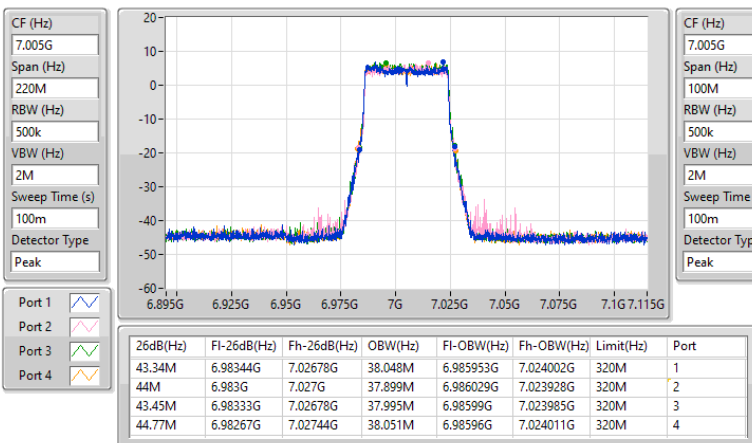


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
6885MHz

28/04/2026

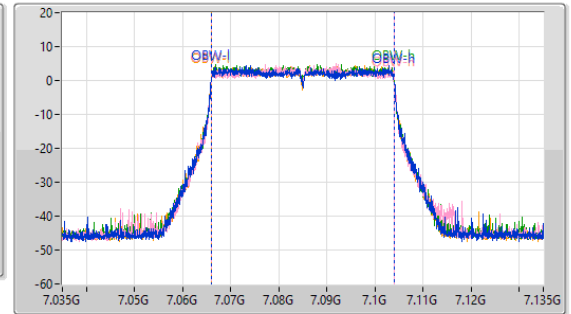
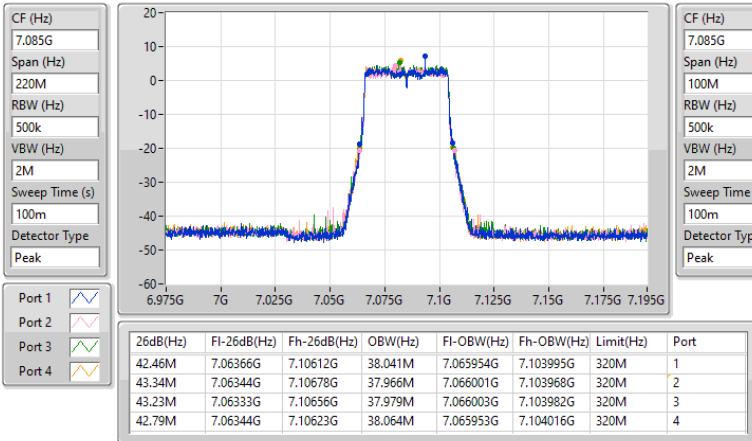

6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
7005MHz

28/04/2026

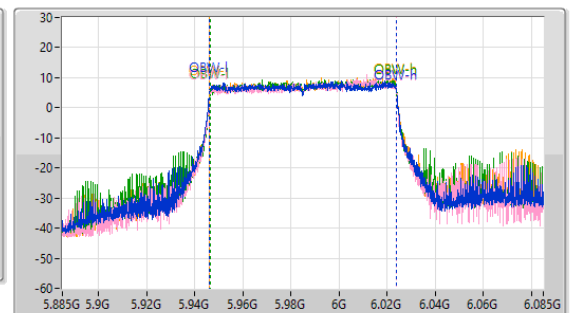
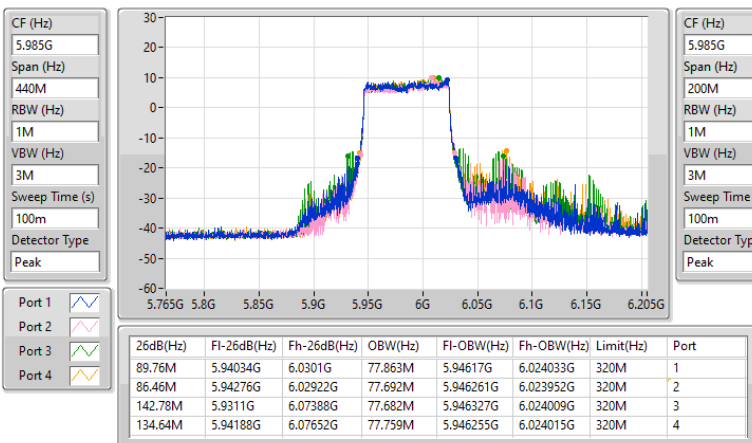


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
7085MHz

28/04/2026

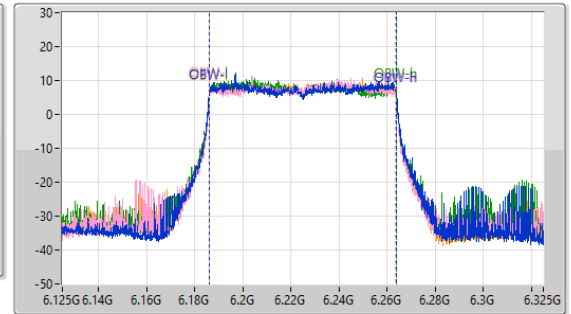
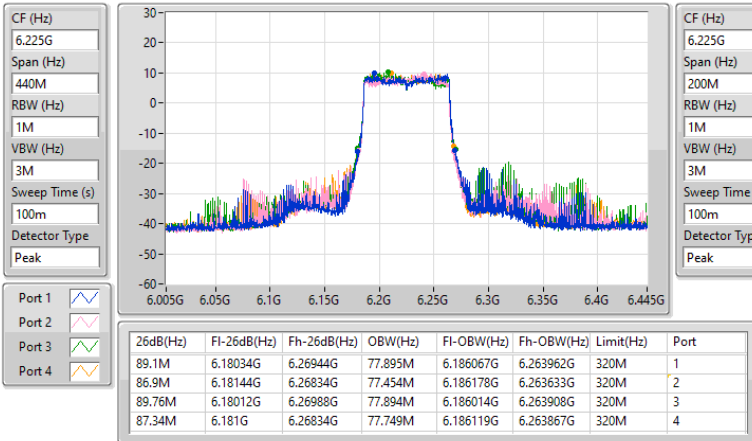

5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX
EBW
5985MHz

28/04/2026

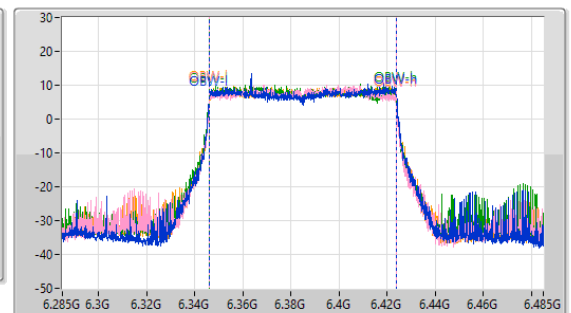
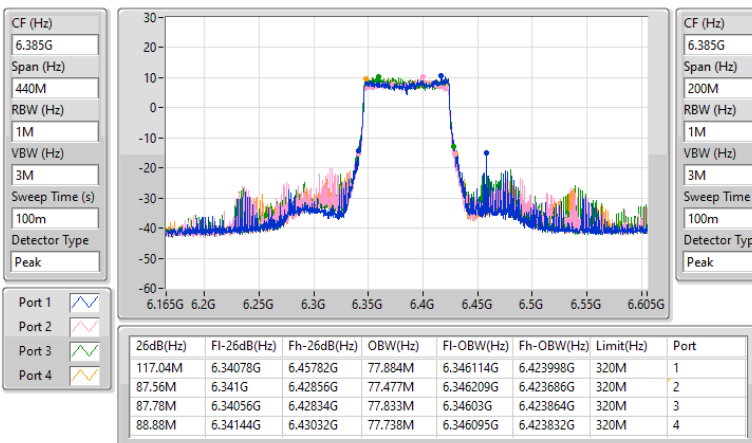


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX
EBW
6225MHz

28/04/2026

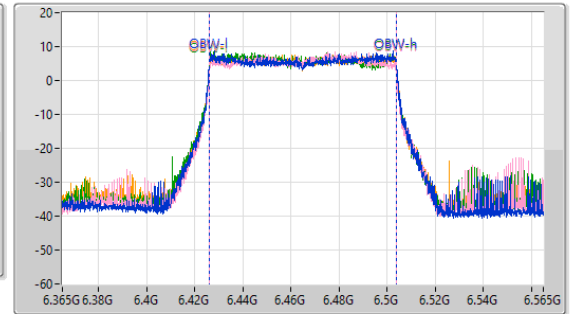
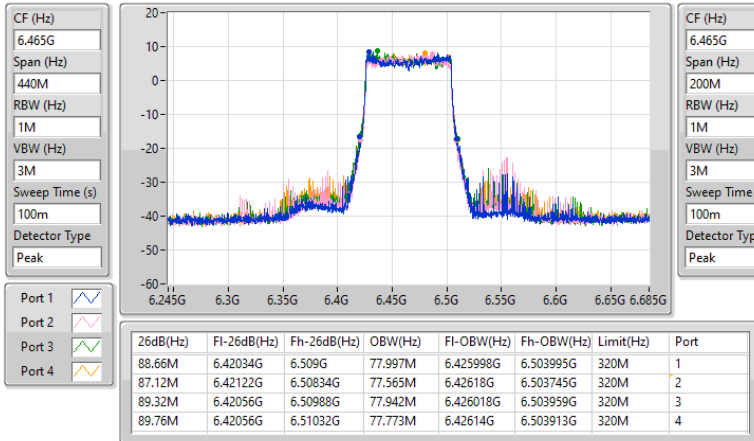

5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX
EBW
6385MHz

28/04/2026

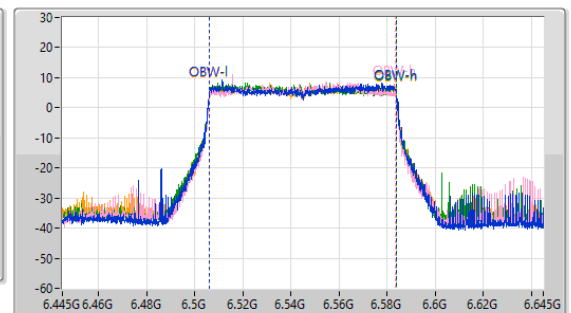
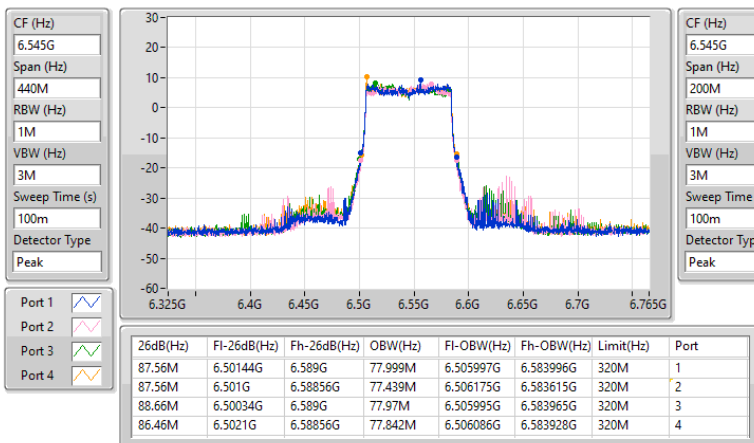


6.425-6.525GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX
EBW
6465MHz

28/04/2026


6.425-6.525GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX
EBW
6545MHz

28/04/2026

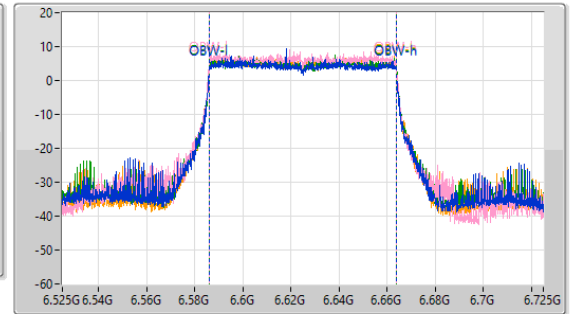
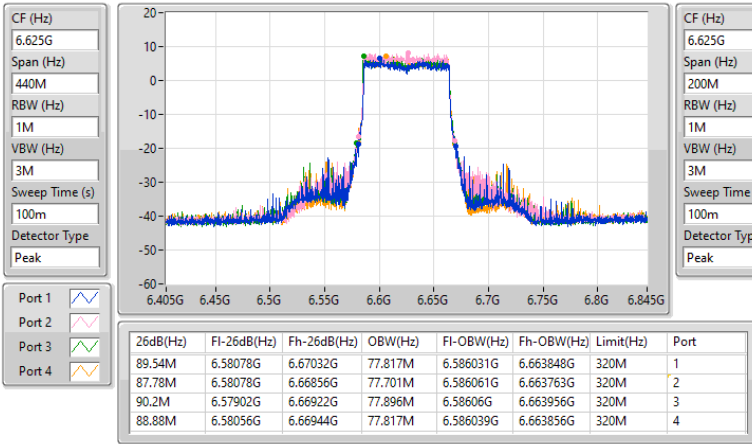


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6625MHz

28/04/2026

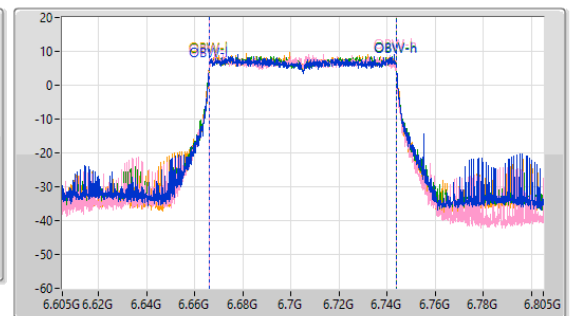
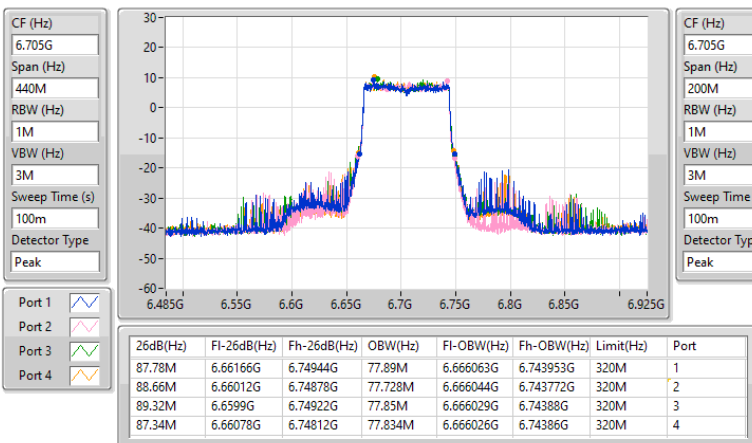


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

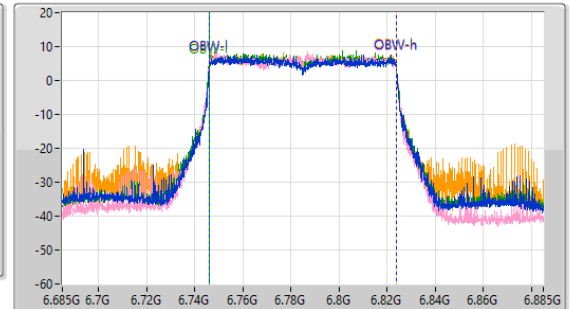
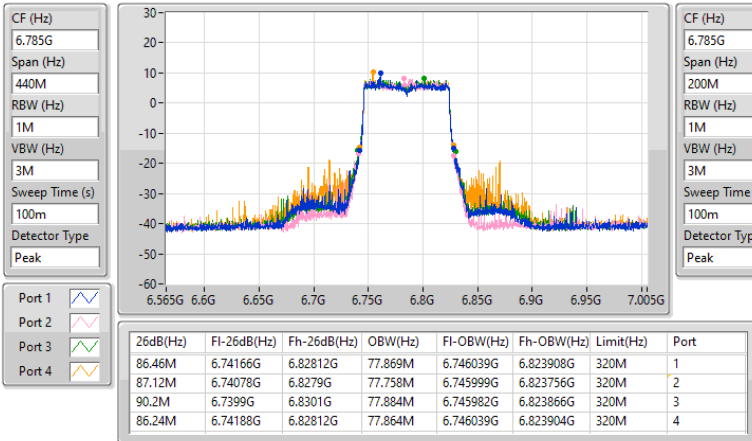
6705MHz

28/04/2026

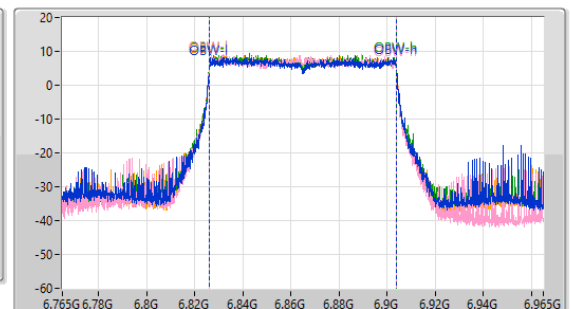
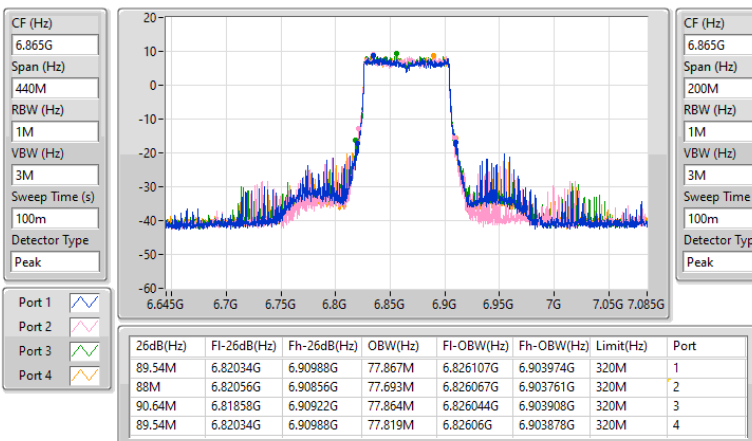


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX
EBW
6785MHz

28/04/2026

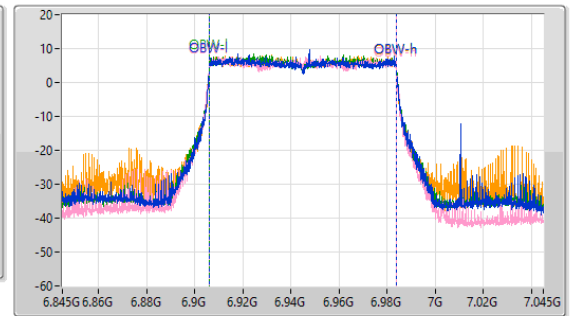
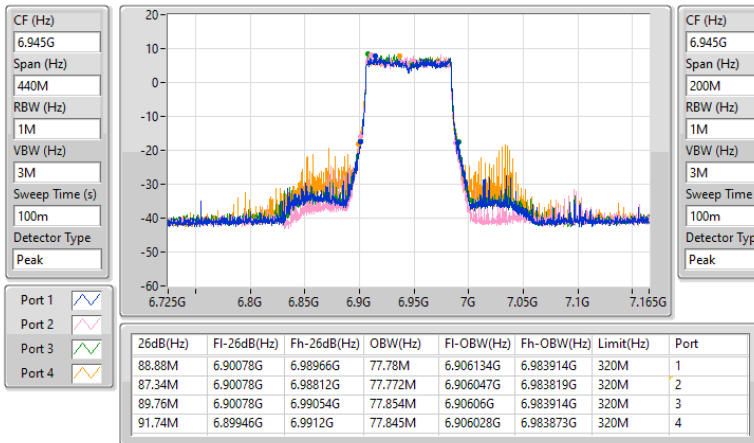

6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX
EBW
6865MHz

28/04/2026

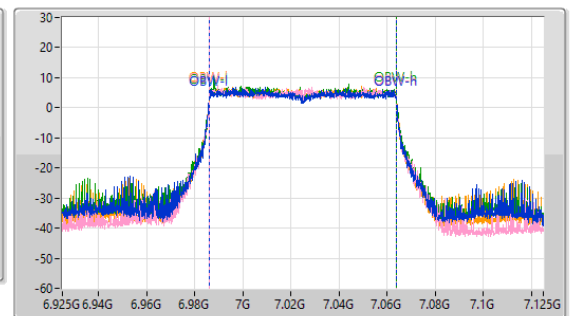
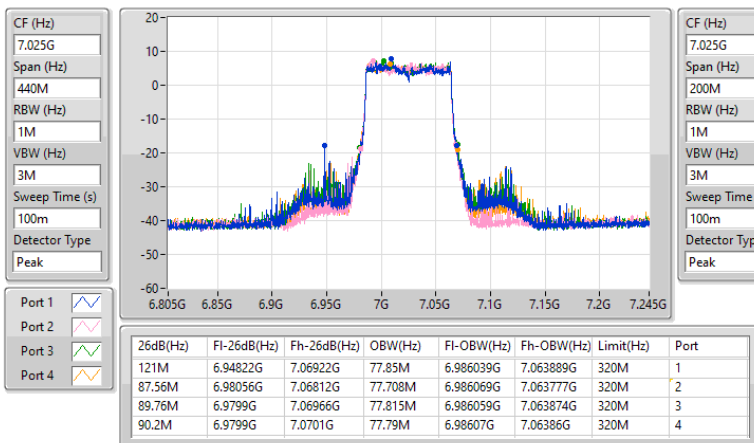


6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX
EBW
6945MHz

28/04/2026

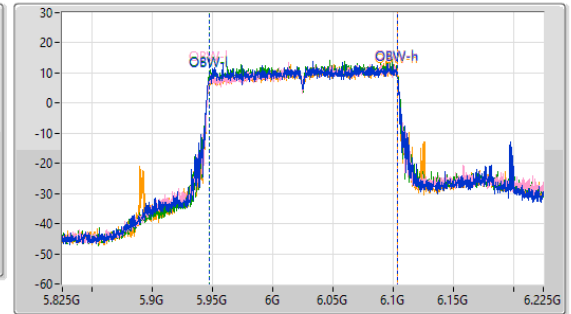
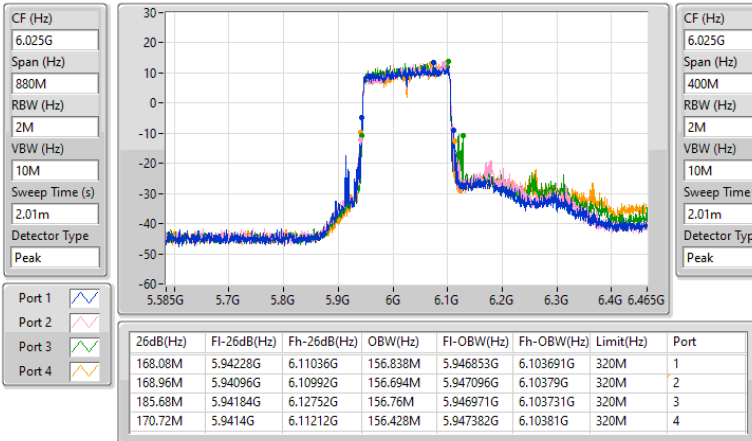

6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX
EBW
7025MHz

28/04/2026

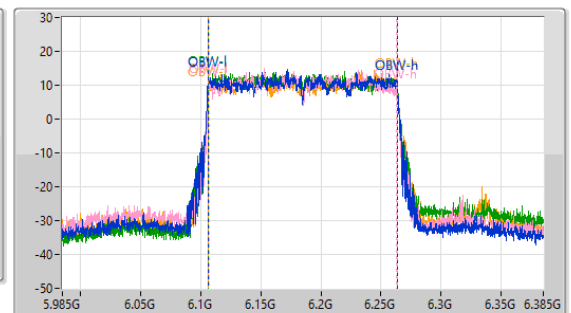
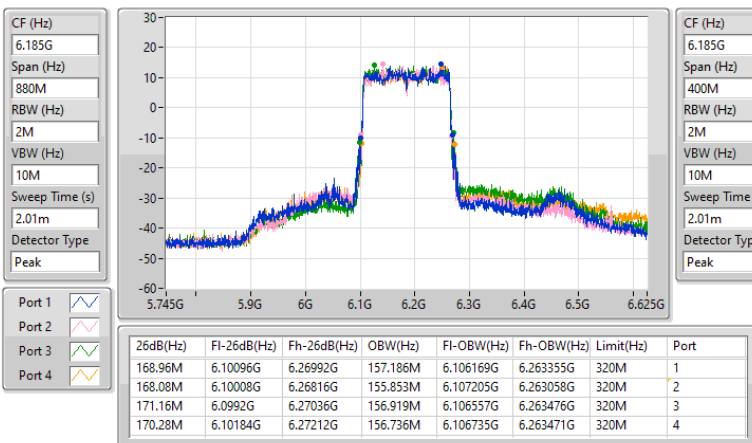


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX
EBW
6025MHz

28/04/2026

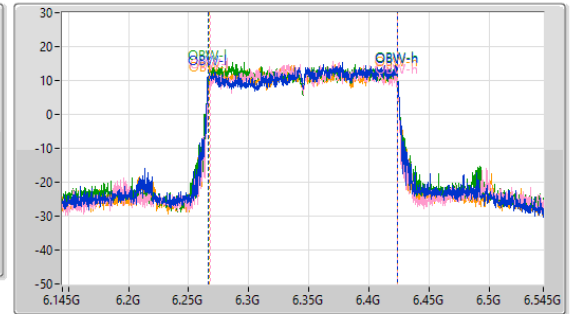
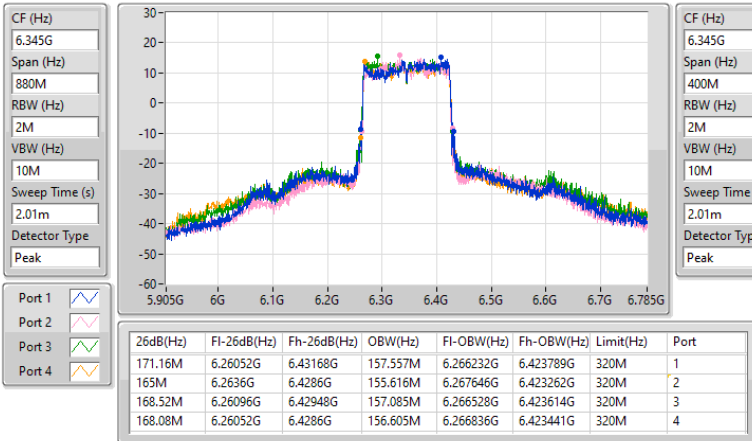

5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX
EBW
6185MHz

28/04/2026

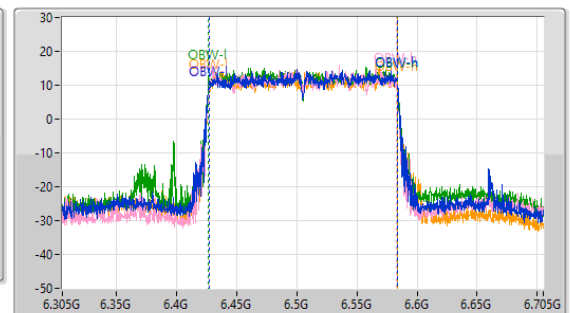
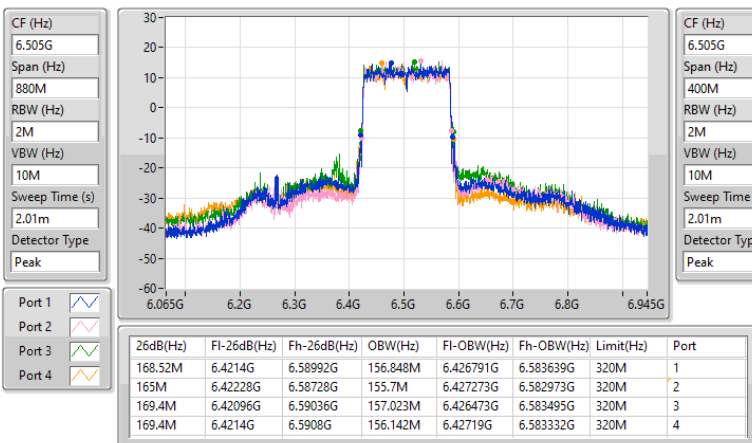


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX
EBW
6345MHz

28/04/2026

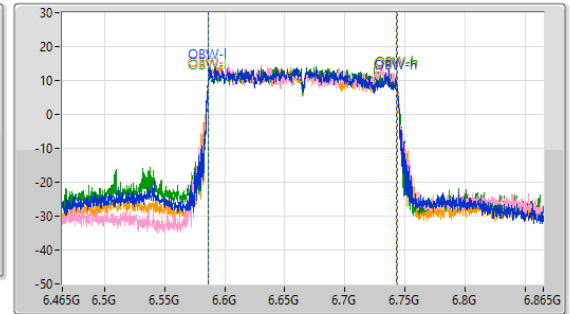
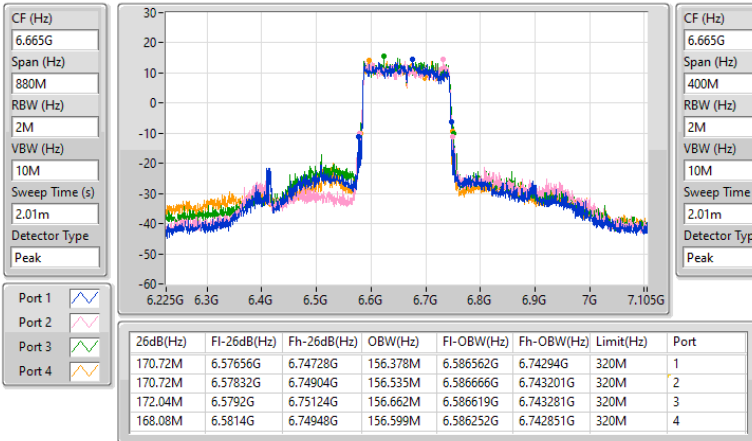

6.425-6.525GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX
EBW
6505MHz

28/04/2026

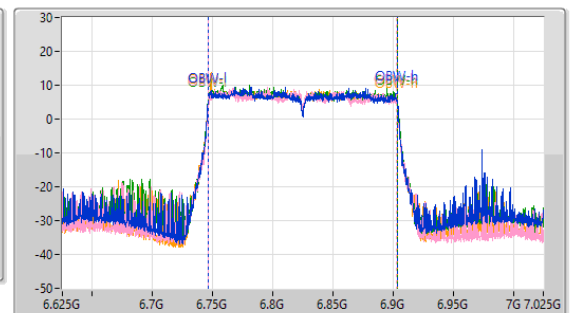
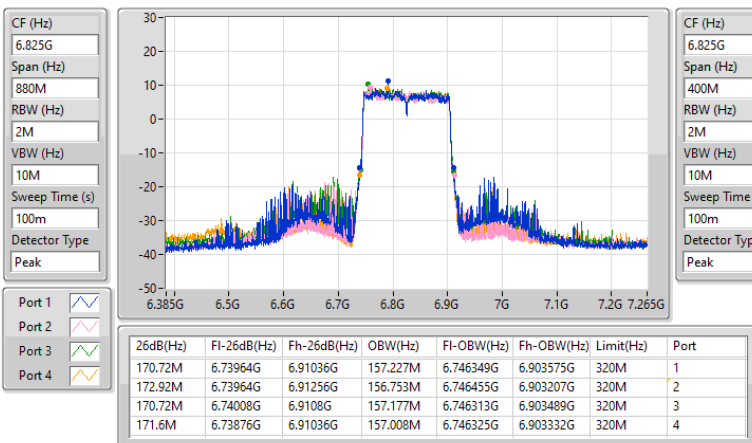


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX
EBW
6665MHz

28/04/2026


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX
EBW
6825MHz

28/04/2026

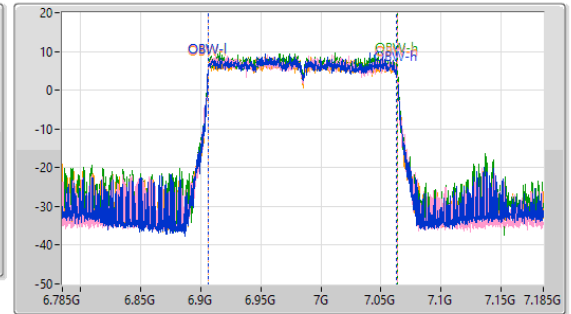
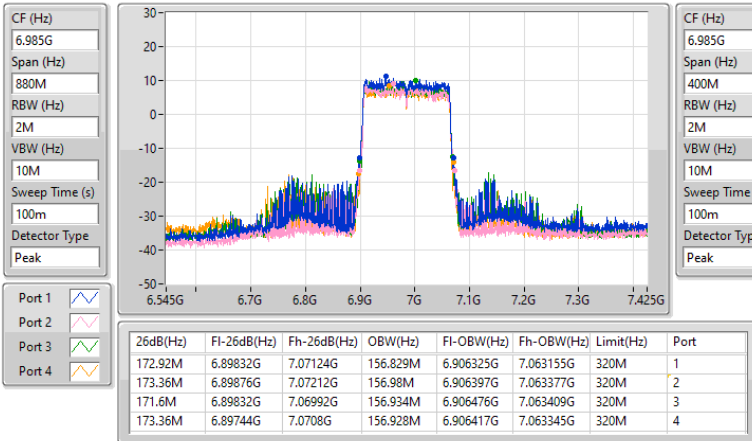


6.875-7.125GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6985MHz

28/04/2026

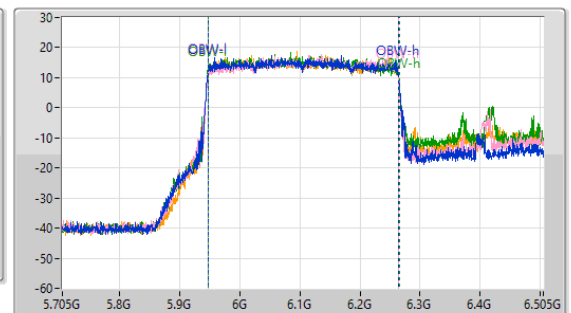
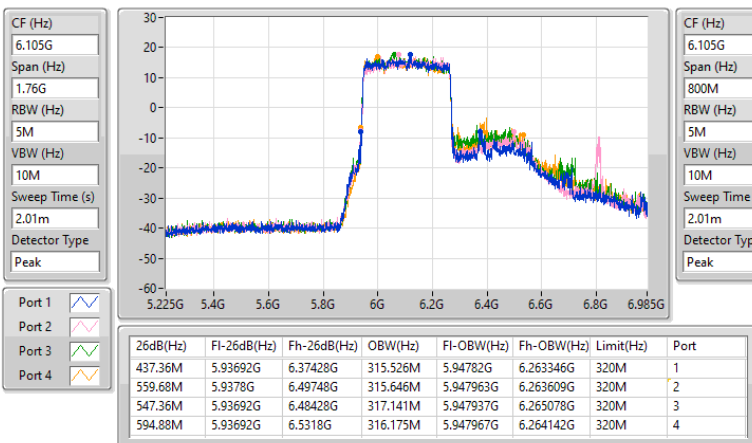


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

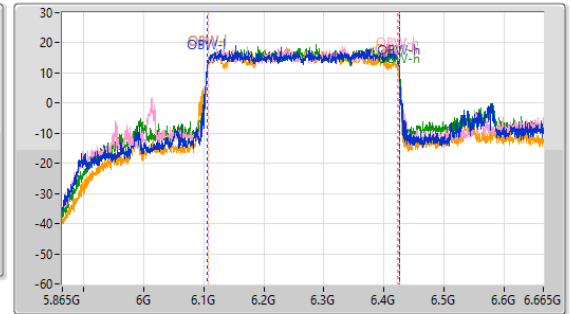
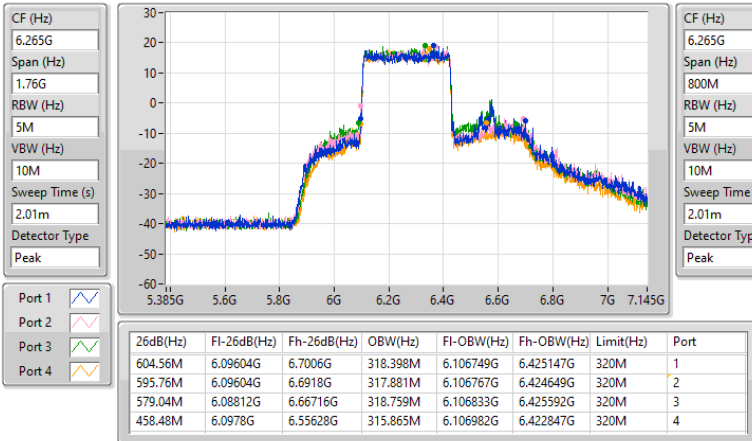
6105MHz

28/04/2026

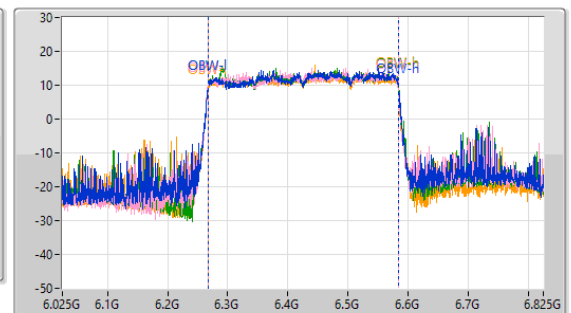
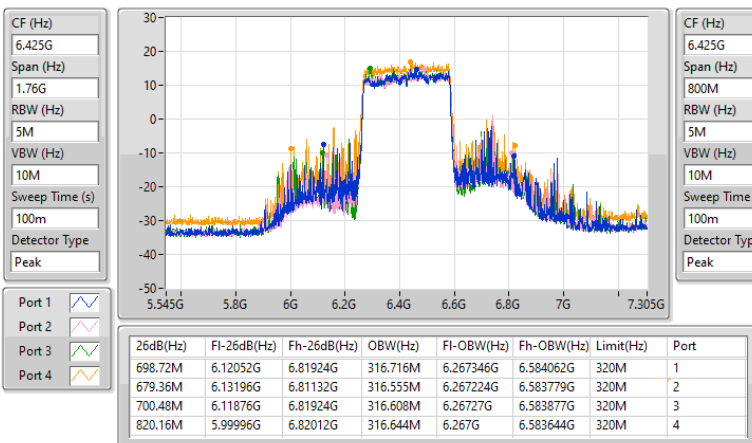


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX
EBW
6265MHz

28/04/2026

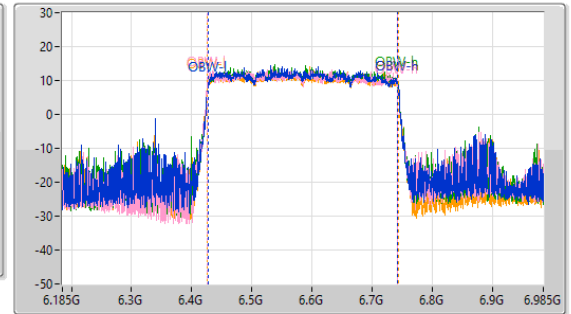
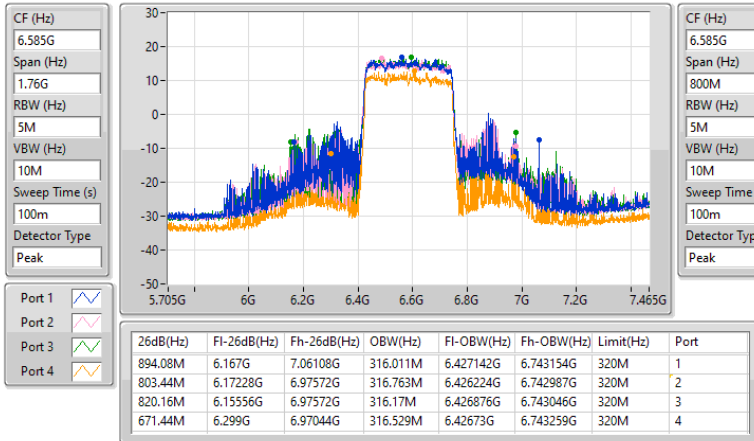

5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX
EBW
6425MHz

28/04/2026

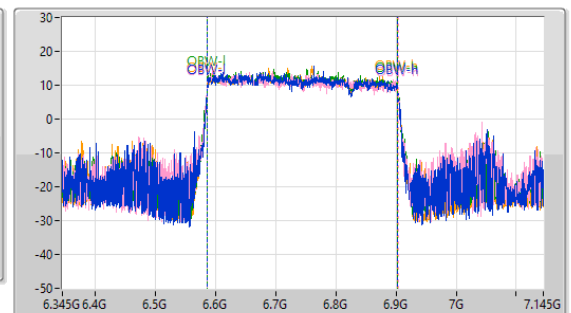
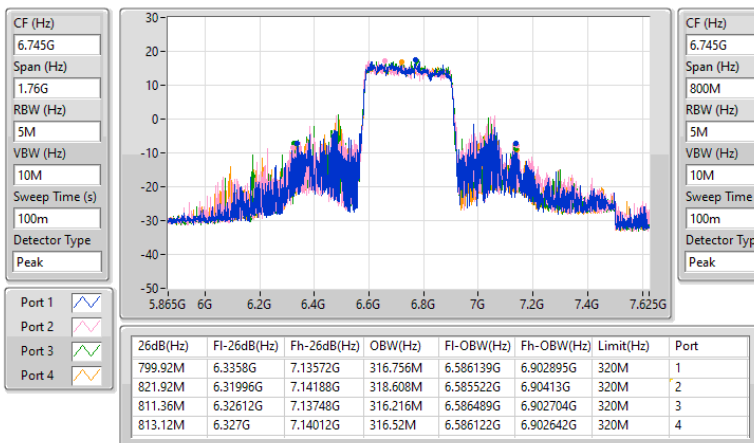


6.425-6.525GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX
EBW
6585MHz

28/04/2026


6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX
EBW
6745MHz

28/04/2026

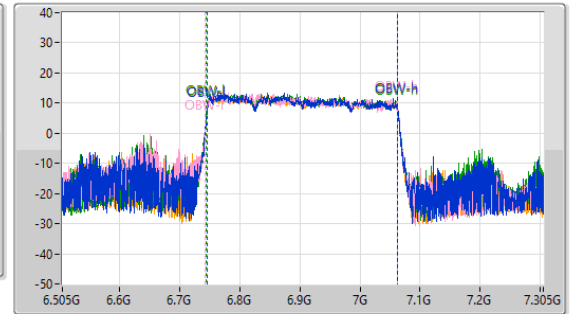
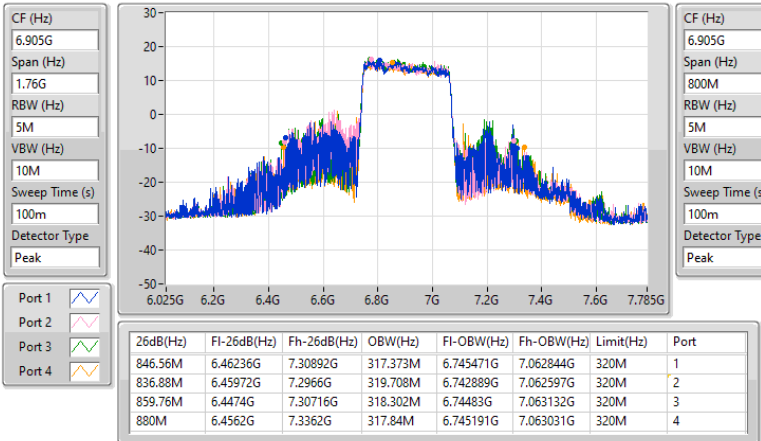


6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6905MHz

28/04/2026



Summary

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	15.31	0.03396
802.11be EHT40_Nss1,(MCS0)_4TX	17.66	0.05834
802.11be EHT80_Nss1,(MCS0)_4TX	21.40	0.13804
802.11be EHT160_Nss1,(MCS0)_4TX	25.21	0.33189
802.11be EHT320_Nss1,(MCS0)_4TX	25.67	0.36898
6.425-6.525GHz	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	14.90	0.03090
802.11be EHT40_Nss1,(MCS0)_4TX	18.20	0.06607
802.11be EHT80_Nss1,(MCS0)_4TX	20.07	0.10162
802.11be EHT160_Nss1,(MCS0)_4TX	24.68	0.29376
802.11be EHT320_Nss1,(MCS0)_4TX	25.05	0.31989
6.525-6.875GHz	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	15.12	0.03251
802.11be EHT40_Nss1,(MCS0)_4TX	18.44	0.06982
802.11be EHT80_Nss1,(MCS0)_4TX	21.91	0.15524
802.11be EHT160_Nss1,(MCS0)_4TX	21.66	0.14655
802.11be EHT320_Nss1,(MCS0)_4TX	26.00	0.39811
6.875-7.125GHz	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	15.47	0.03524
802.11be EHT40_Nss1,(MCS0)_4TX	18.23	0.06653
802.11be EHT80_Nss1,(MCS0)_4TX	22.21	0.16634
802.11be EHT160_Nss1,(MCS0)_4TX	22.81	0.19099

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	14.61	30.00
6195MHz	Pass	14.93	30.00
6415MHz	Pass	15.31	30.00
6435MHz	Pass	14.81	30.00
6475MHz	Pass	14.18	30.00
6515MHz	Pass	14.90	30.00
6535MHz	Pass	14.33	30.00
6695MHz	Pass	15.12	30.00
6855MHz	Pass	14.92	30.00
6875MHz	Pass	14.81	30.00
6995MHz	Pass	15.47	30.00
7095MHz	Pass	13.86	30.00
7115MHz	Pass	13.21	30.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	16.85	30.00
6205MHz	Pass	16.48	30.00
6405MHz	Pass	17.66	30.00
6445MHz	Pass	18.20	30.00
6485MHz	Pass	16.15	30.00
6525MHz	Pass	17.27	30.00
6565MHz	Pass	16.16	30.00
6685MHz	Pass	18.44	30.00
6845MHz	Pass	16.98	30.00
6885MHz	Pass	16.31	30.00
7005MHz	Pass	16.98	30.00
7085MHz	Pass	18.23	30.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	20.07	30.00
6225MHz	Pass	19.95	30.00
6385MHz	Pass	21.40	30.00
6465MHz	Pass	20.07	30.00
6545MHz	Pass	17.40	30.00
6625MHz	Pass	19.36	30.00
6705MHz	Pass	20.34	30.00
6785MHz	Pass	21.91	30.00
6865MHz	Pass	20.41	30.00
6945MHz	Pass	19.81	30.00
7025MHz	Pass	22.21	30.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	20.97	30.00
6185MHz	Pass	25.21	30.00
6345MHz	Pass	23.40	30.00
6505MHz	Pass	24.68	30.00
6665MHz	Pass	21.24	30.00
6825MHz	Pass	21.66	30.00
6985MHz	Pass	22.81	30.00
802.11be EHT320_Nss1,(MCS0)_4TX	-	-	-
6105MHz	Pass	25.63	30.00
6265MHz	Pass	25.67	30.00
6425MHz	Pass	25.09	30.00
6585MHz	Pass	25.05	30.00
6745MHz	Pass	26.00	30.00
6905MHz	Pass	21.71	30.00



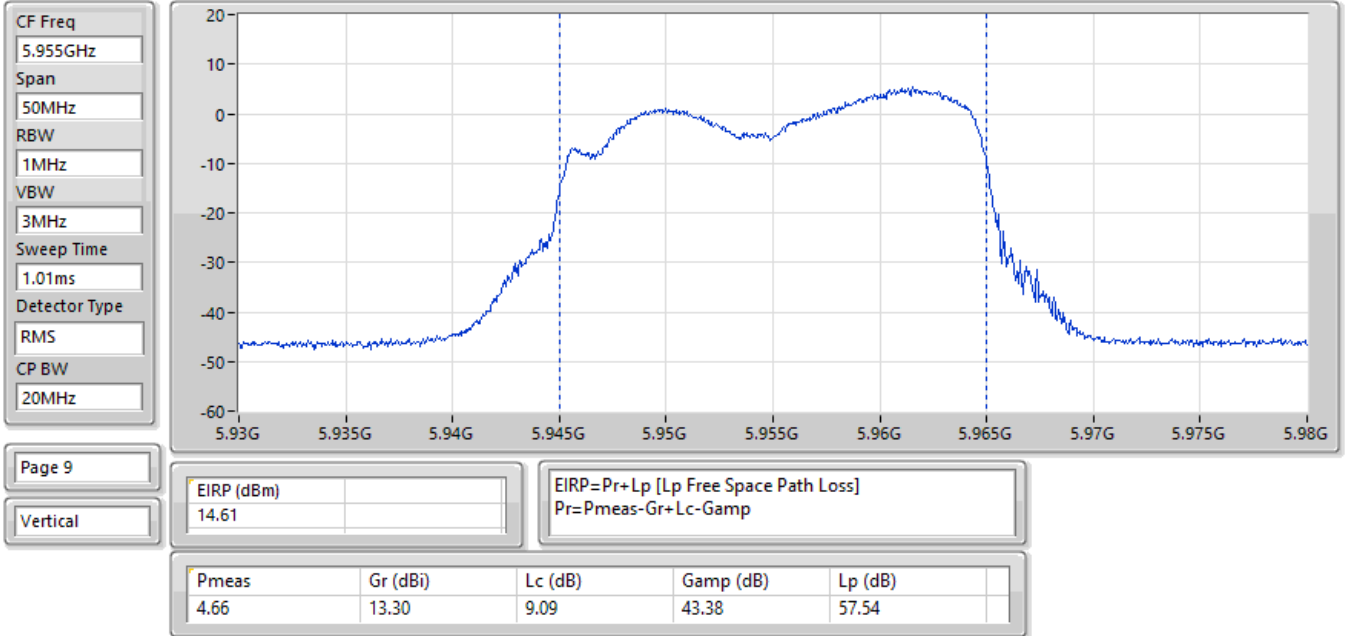
Radiated EIRP_Test Mode: Mode 1

Appendix C.1

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

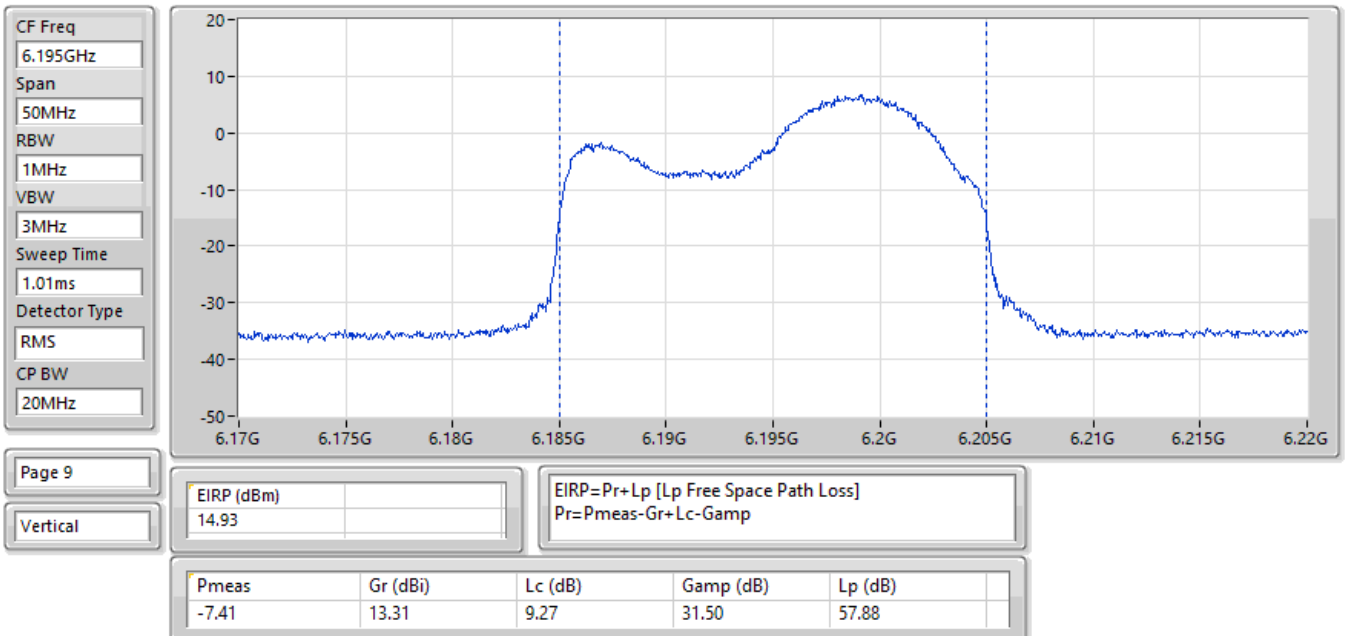
04/02/2026

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



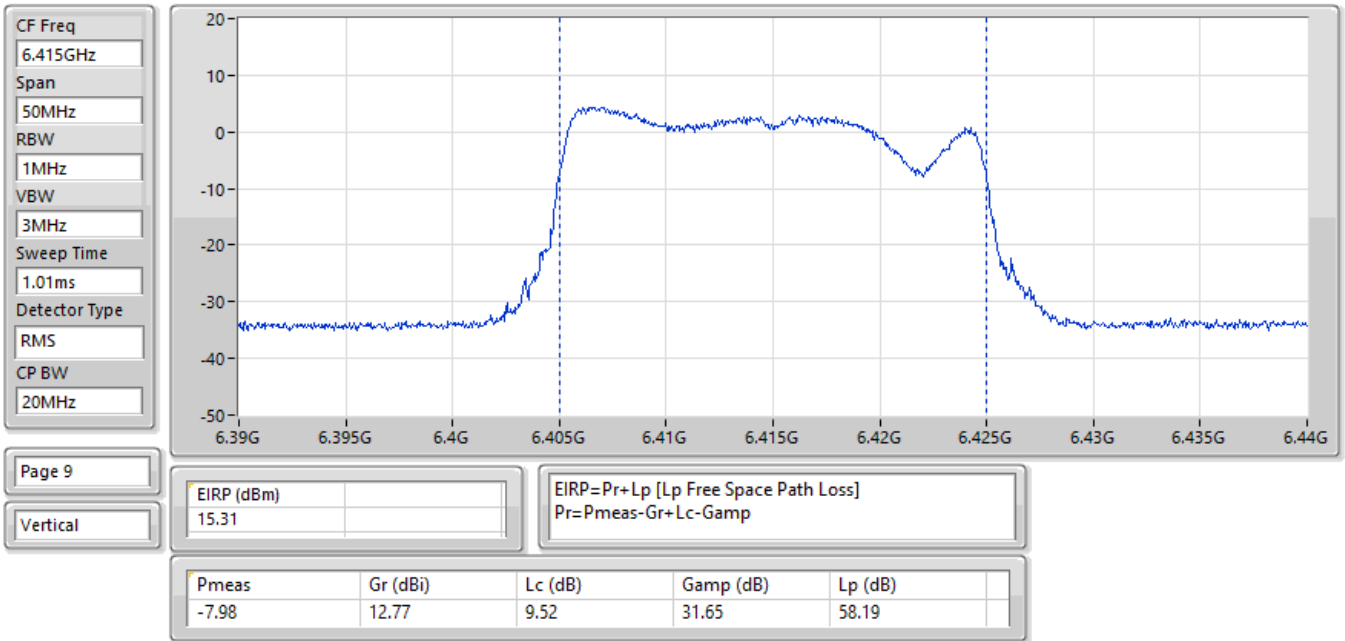
03/03/2026

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



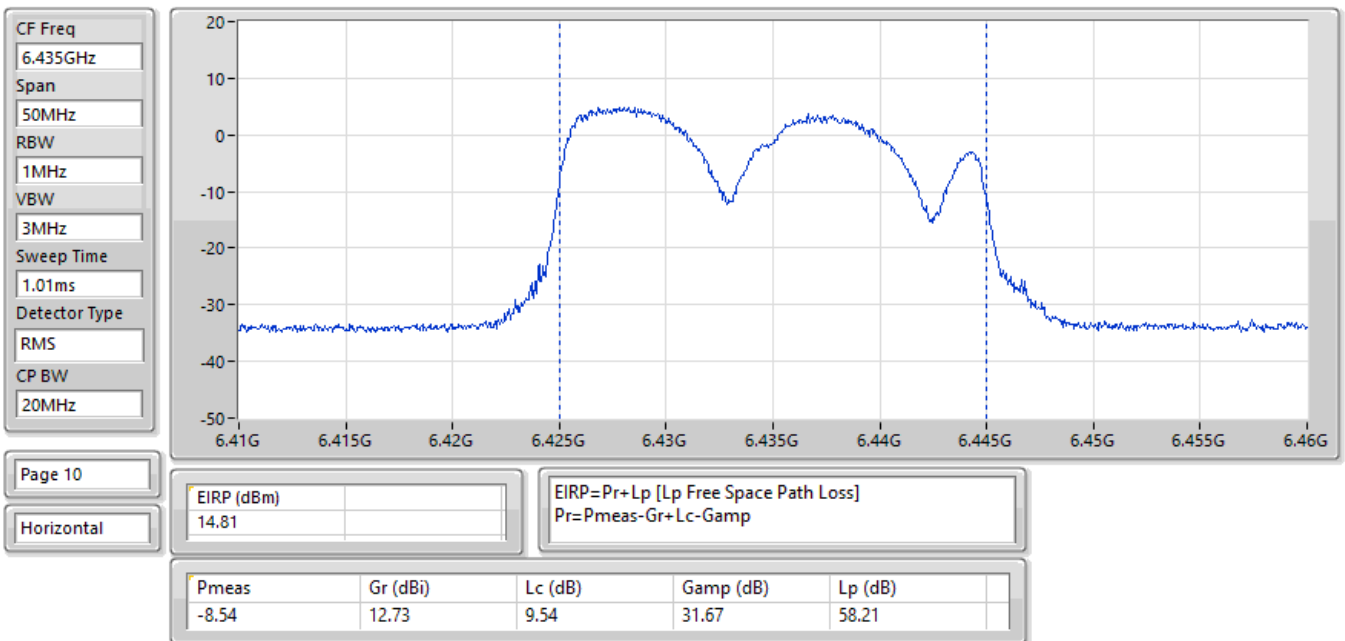
03/03/2026

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



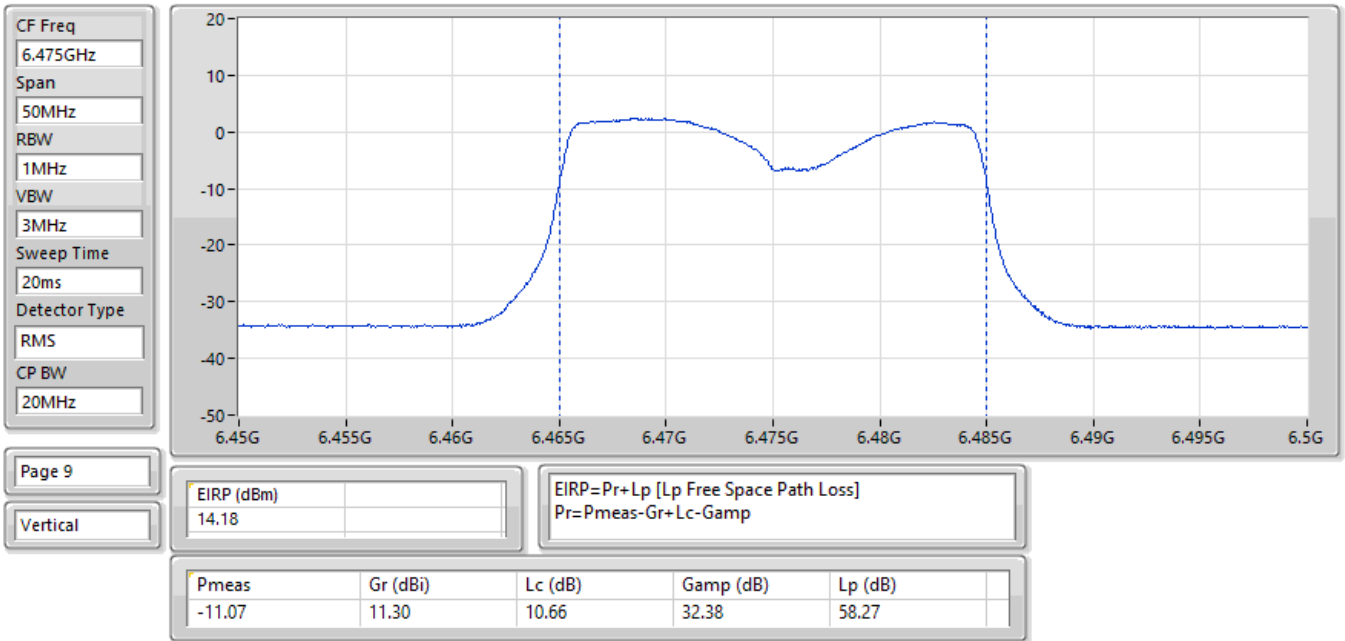
03/03/2026

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



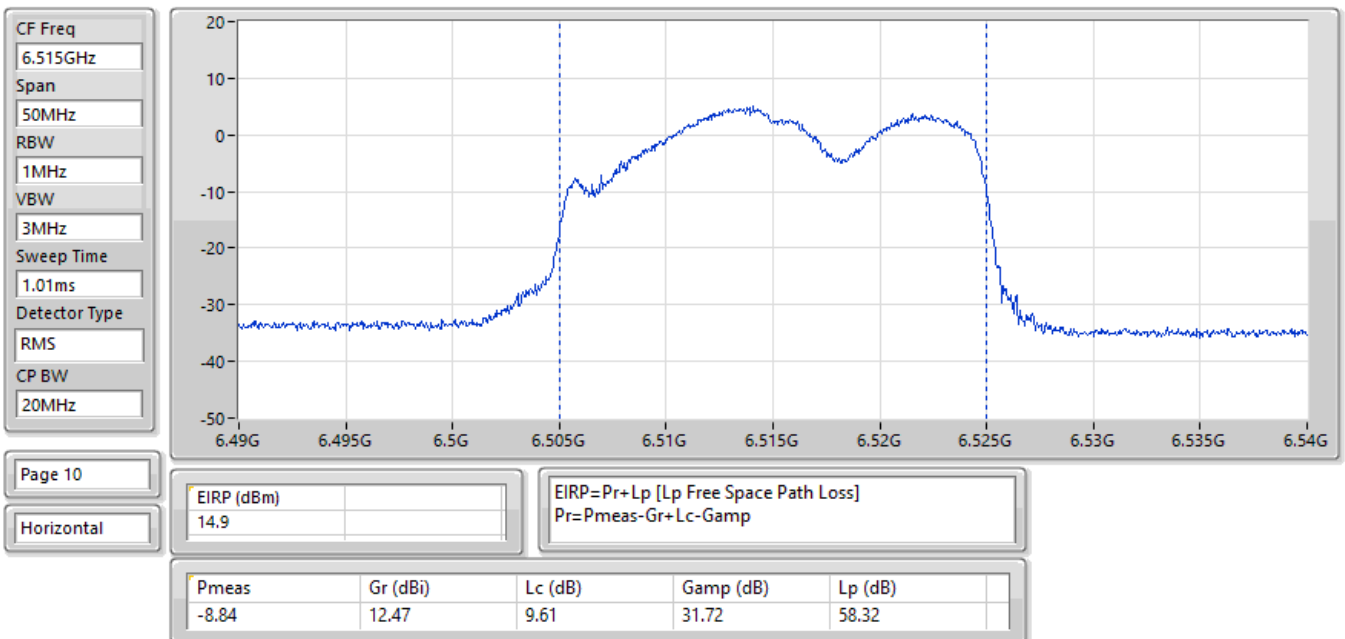
06/03/2026

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



03/03/2026

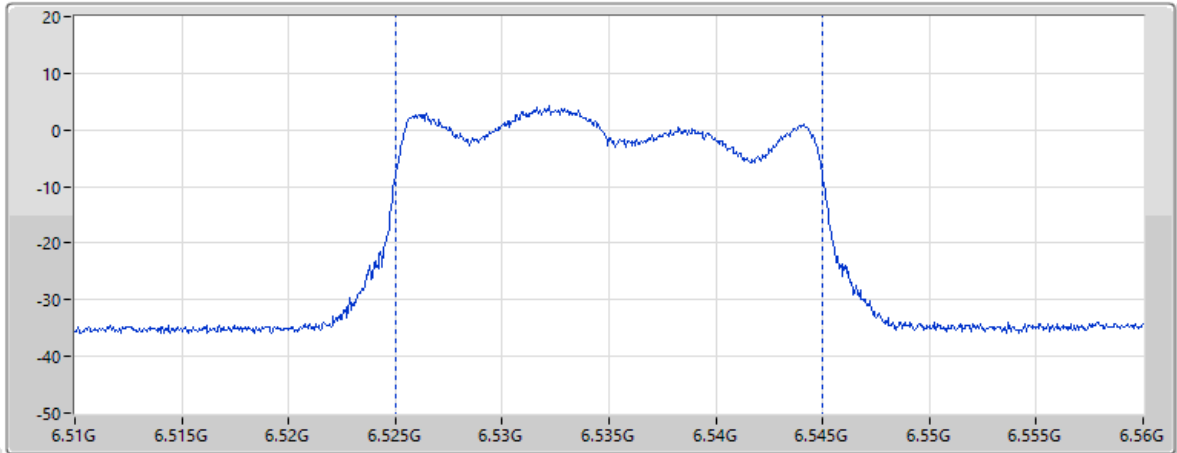
EIRP:Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6515MHz;TX



03/03/2026

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

CF Freq
6.535GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
20MHz



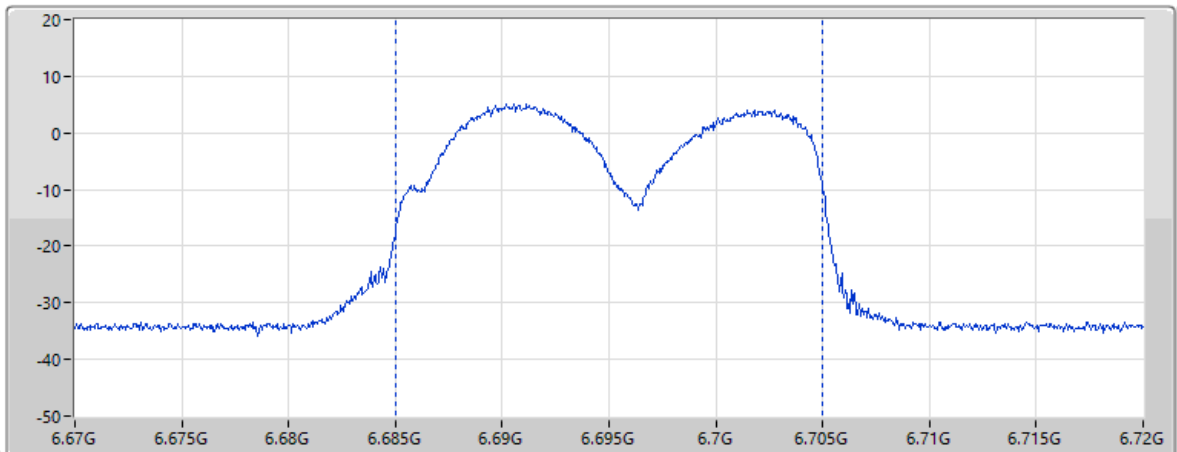
Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
14.33				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-9.47	12.43	9.62	31.74	58.35

03/03/2026

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

CF Freq
6.695GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
20MHz

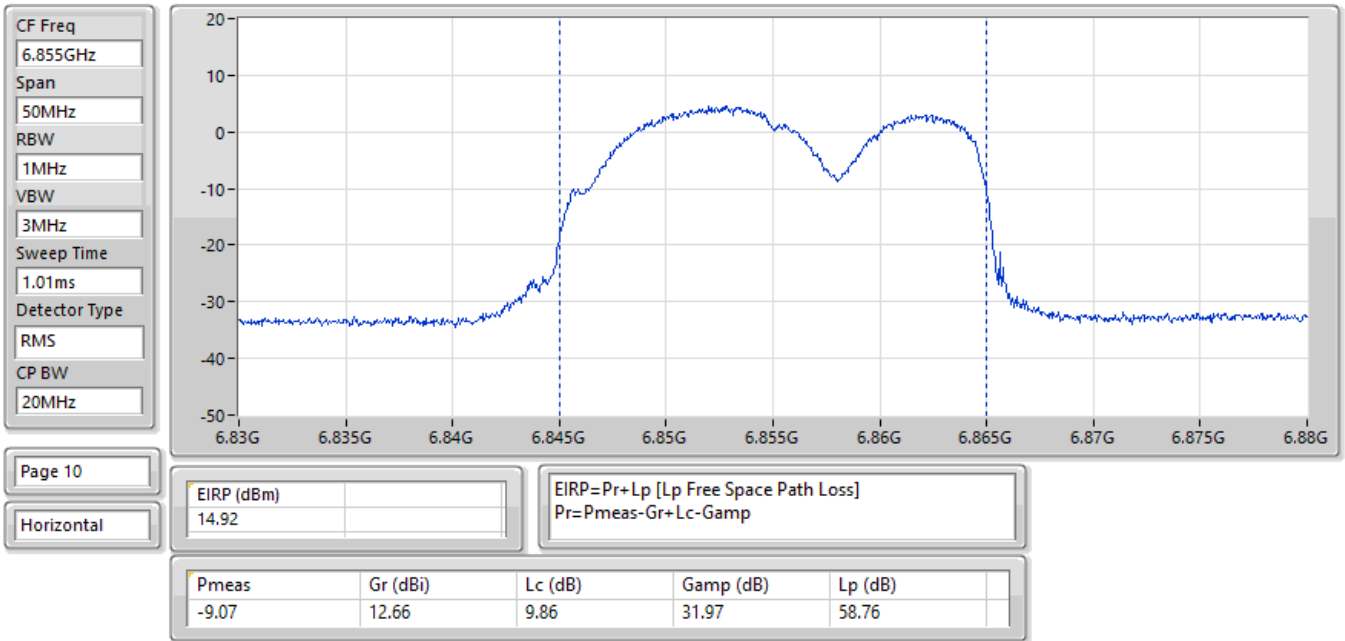


Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
15.12				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-8.74	12.59	9.74	31.85	58.56

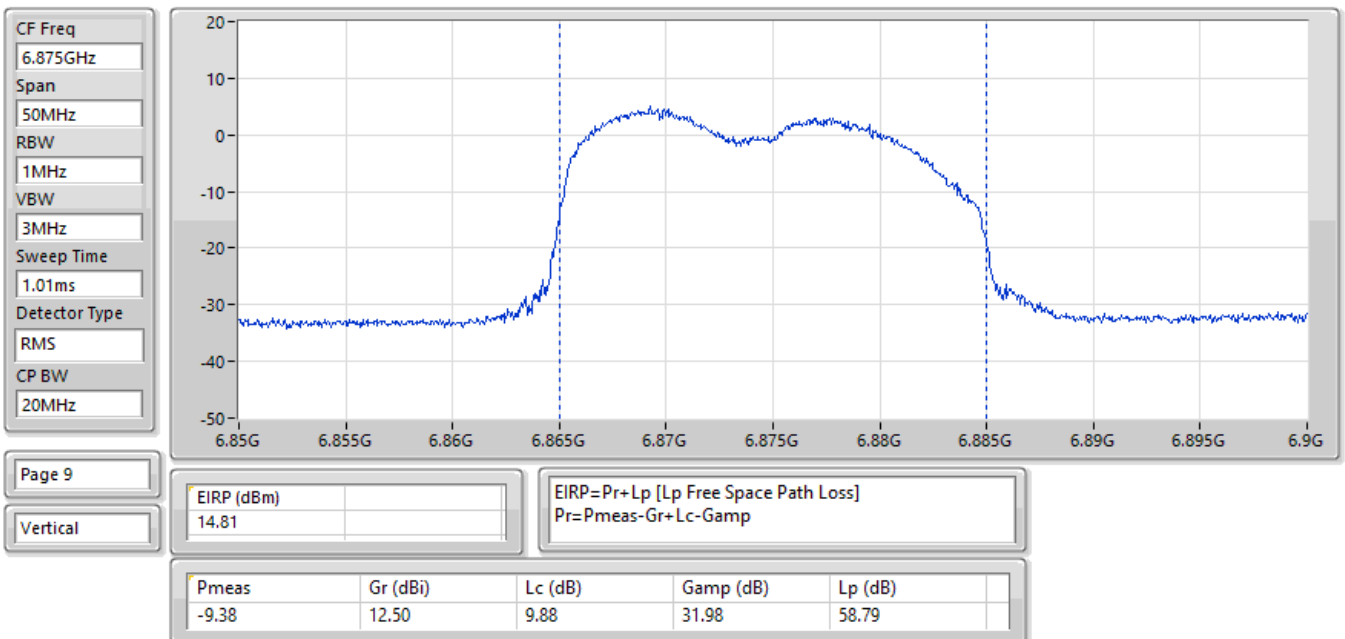
03/03/2026

EIRP:Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6855MHz;TX



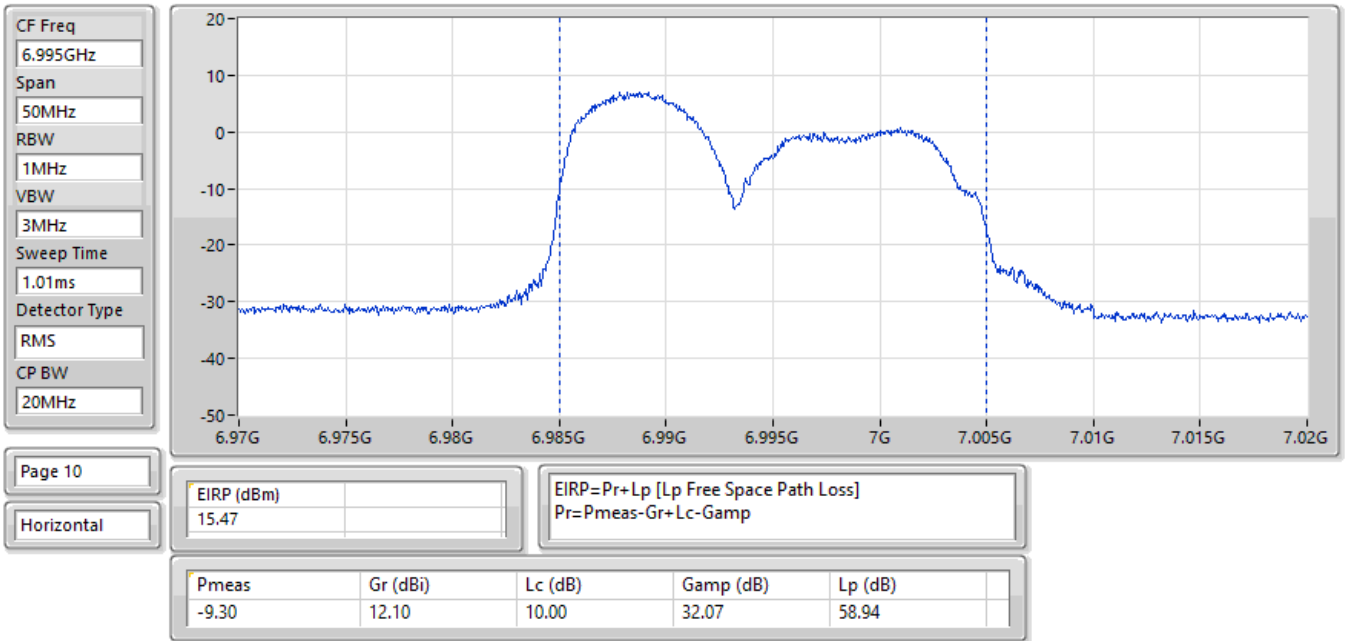
03/03/2026

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



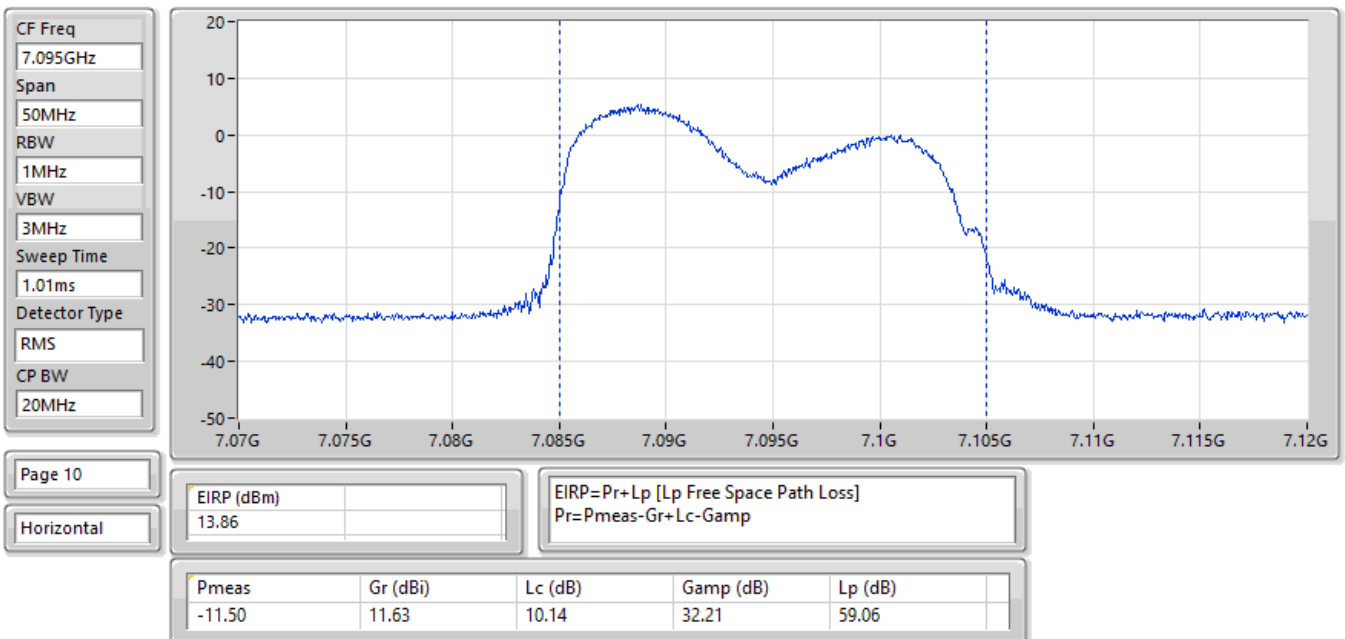
03/03/2026

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



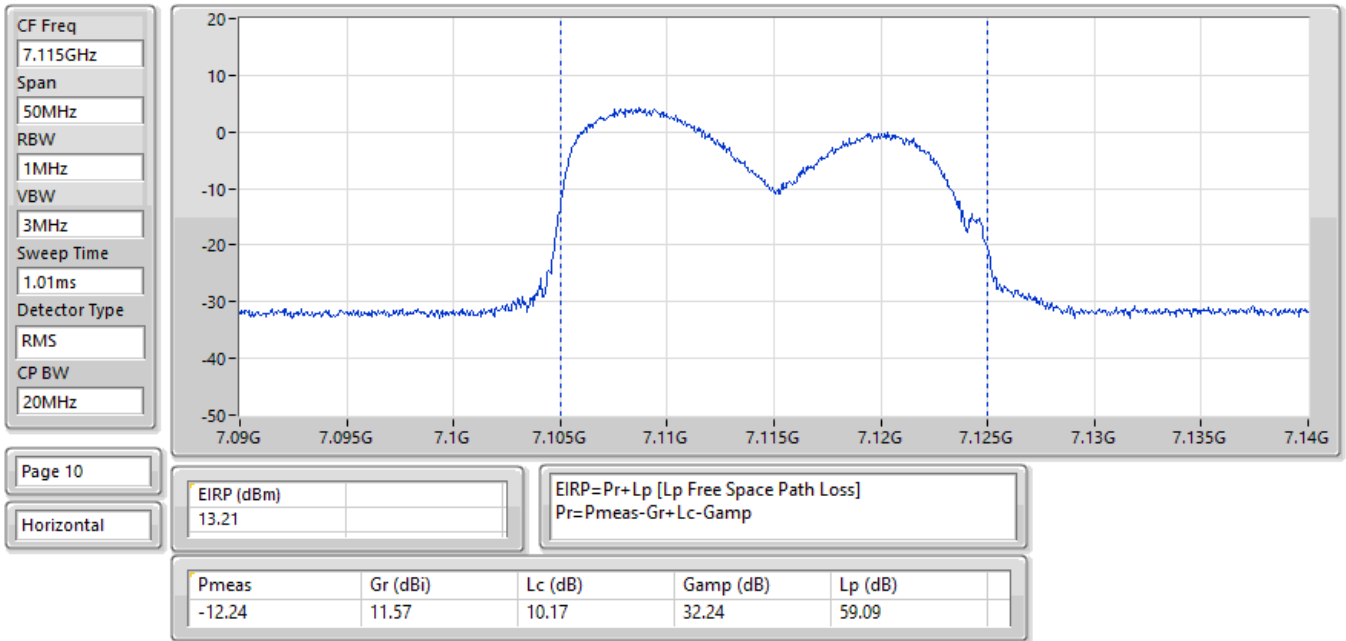
03/03/2026

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



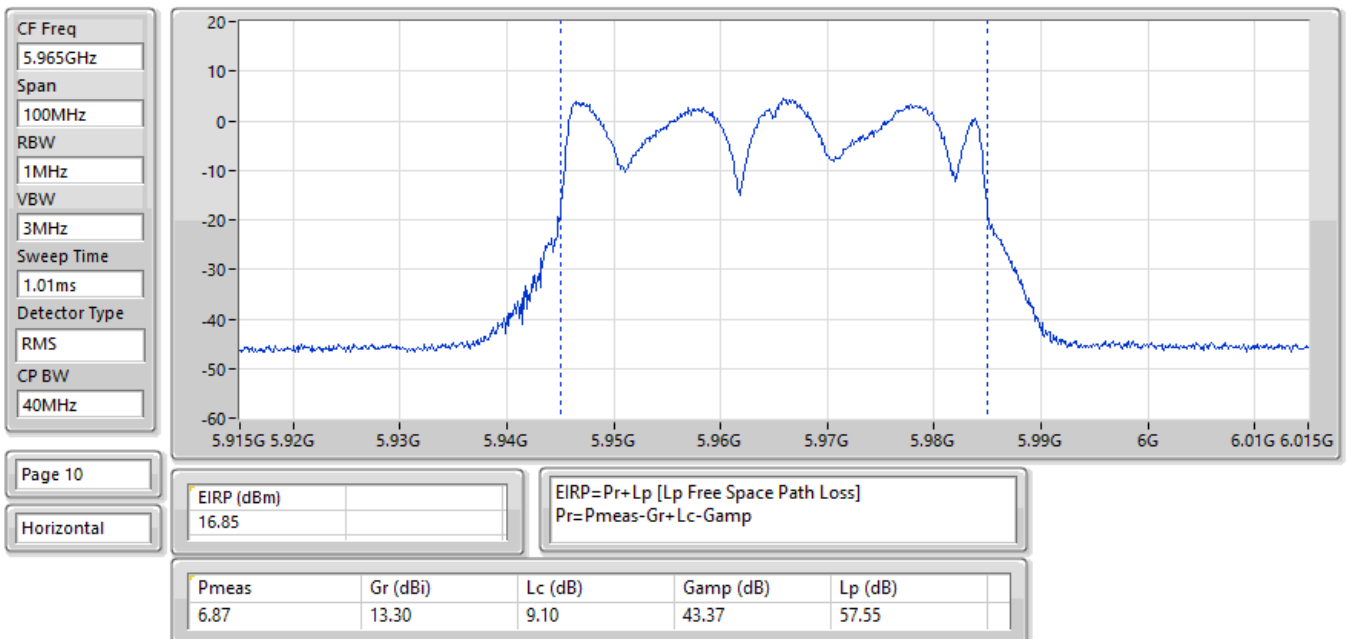
03/03/2026

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



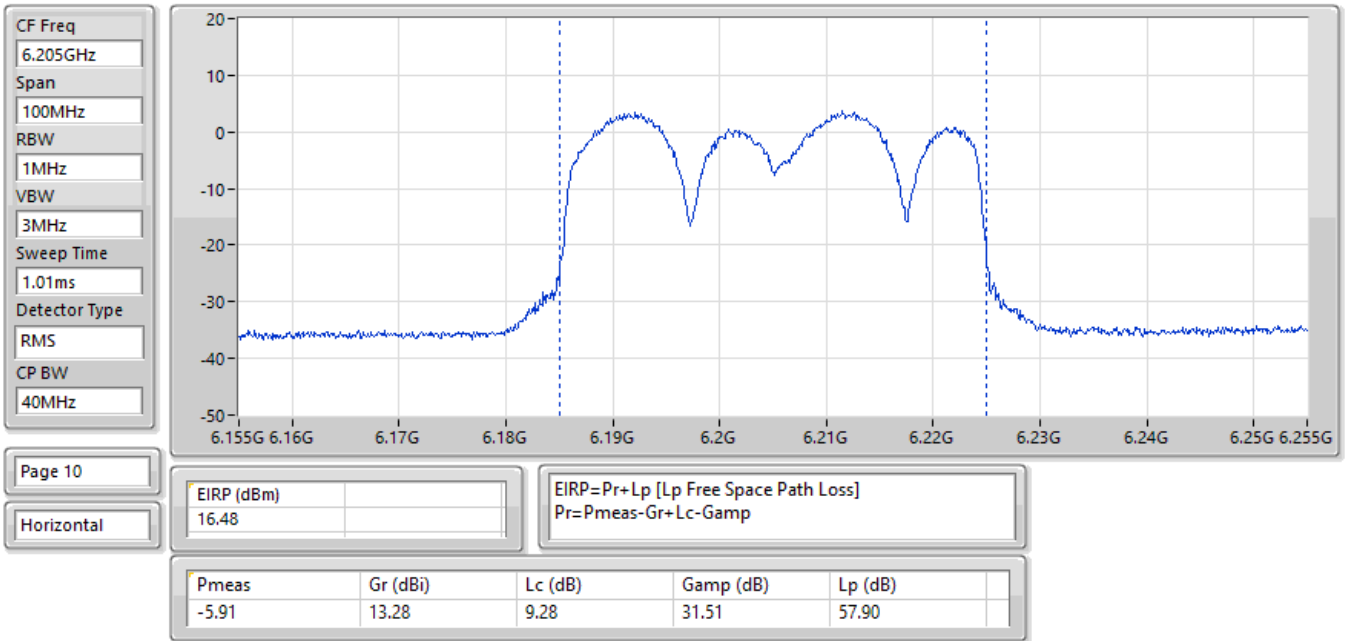
05/02/2026

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



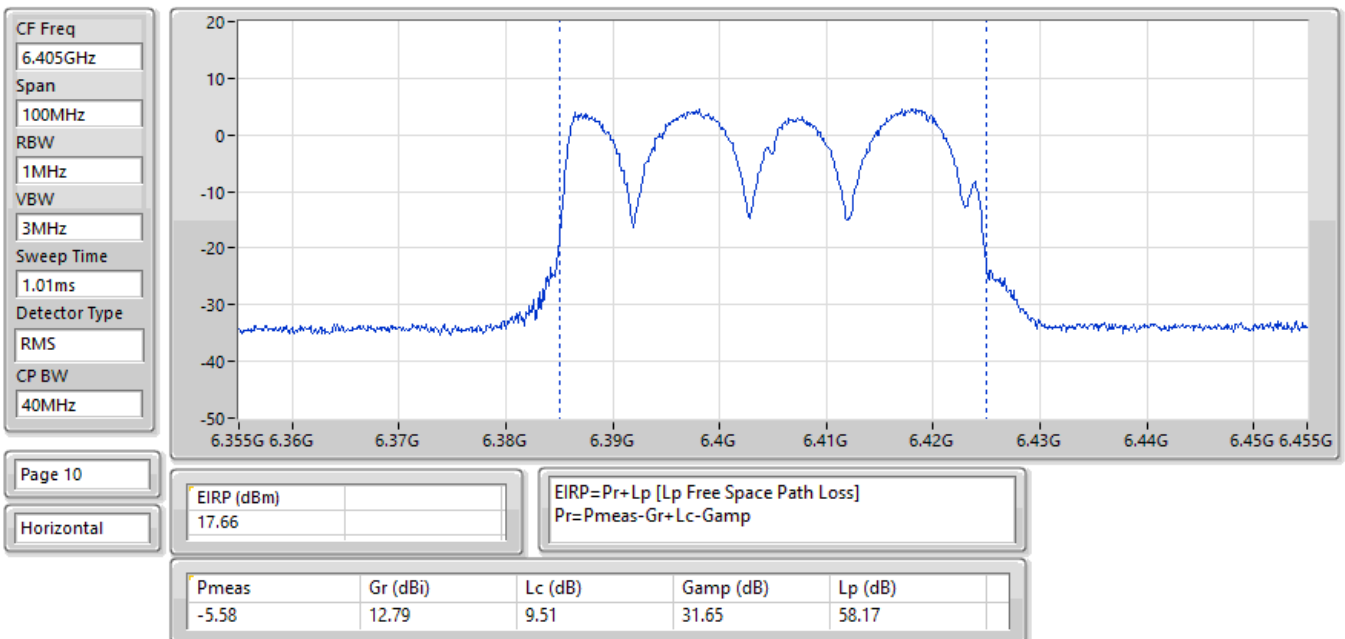
03/03/2026

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



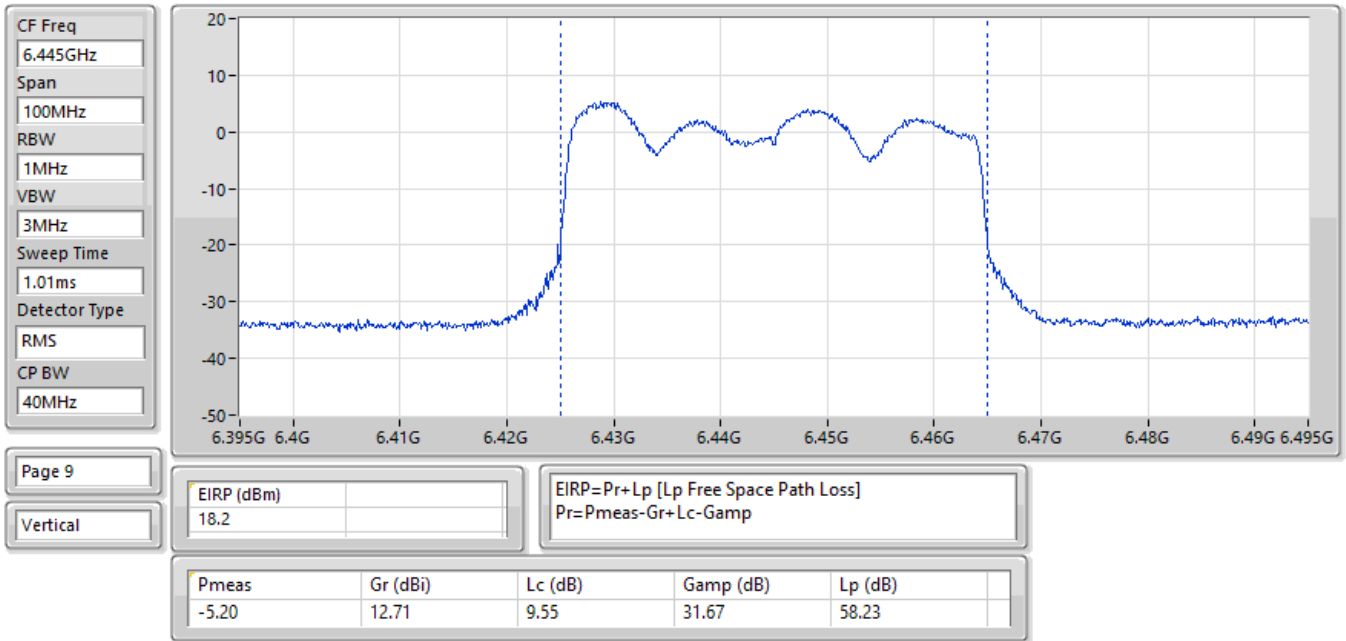
03/03/2026

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



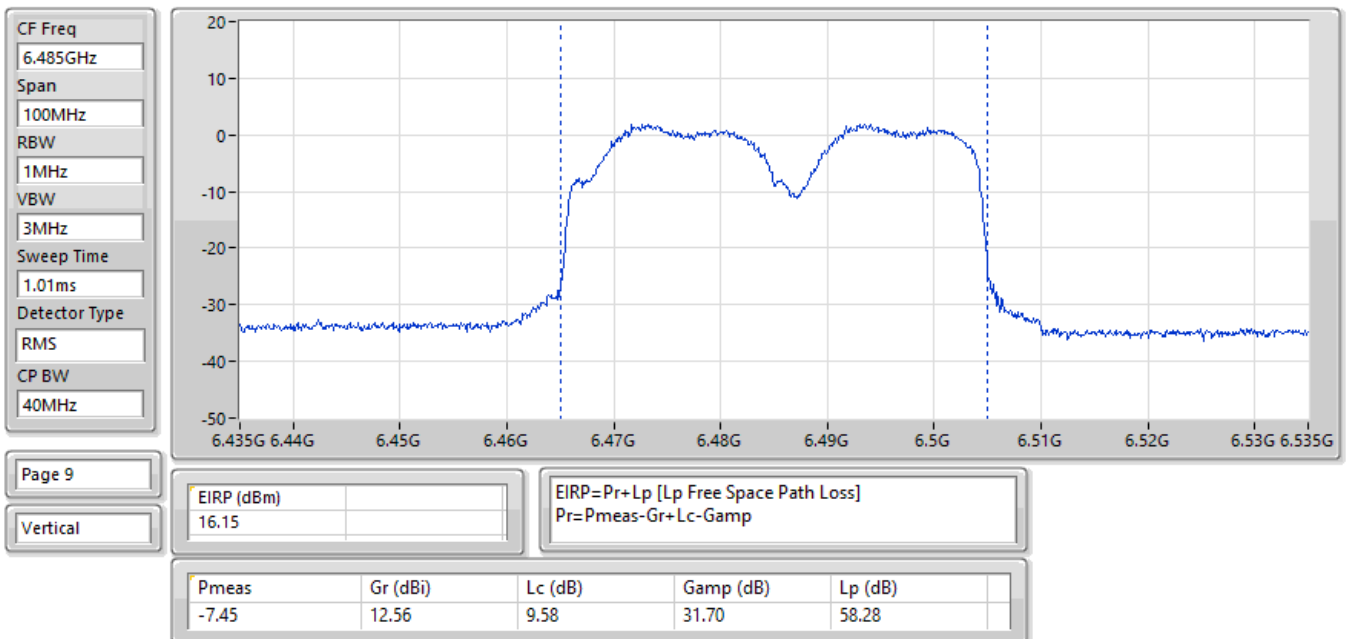
03/03/2026

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



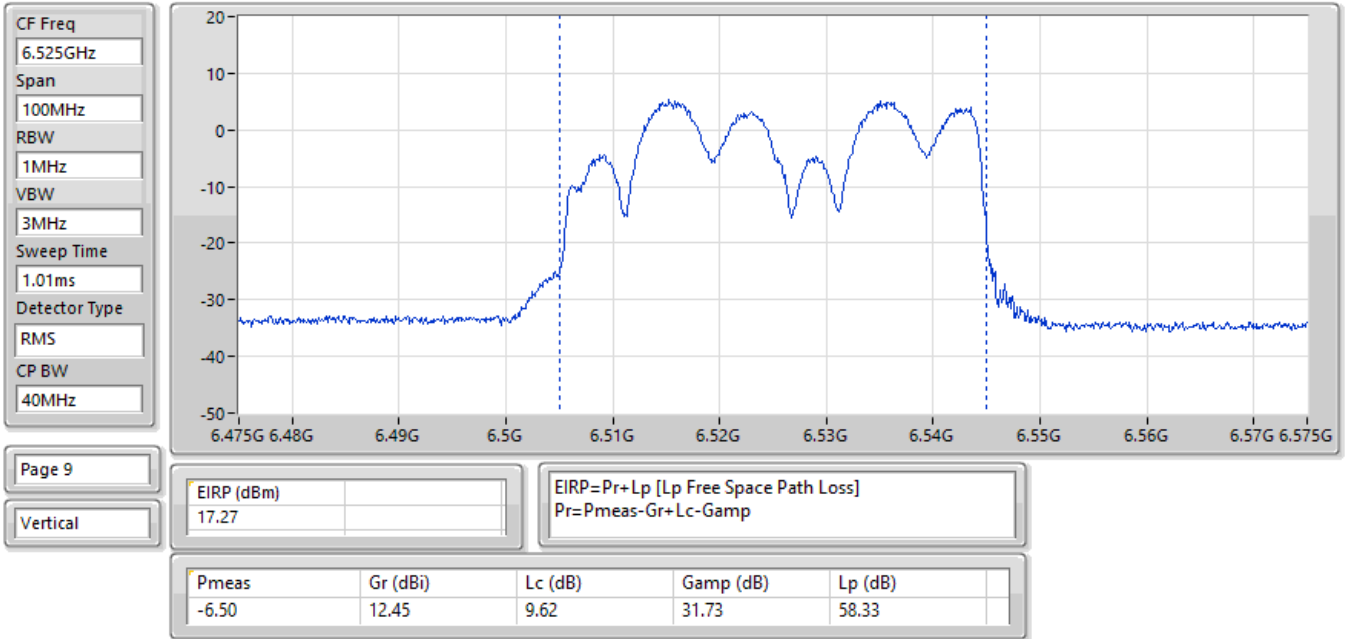
04/03/2026

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



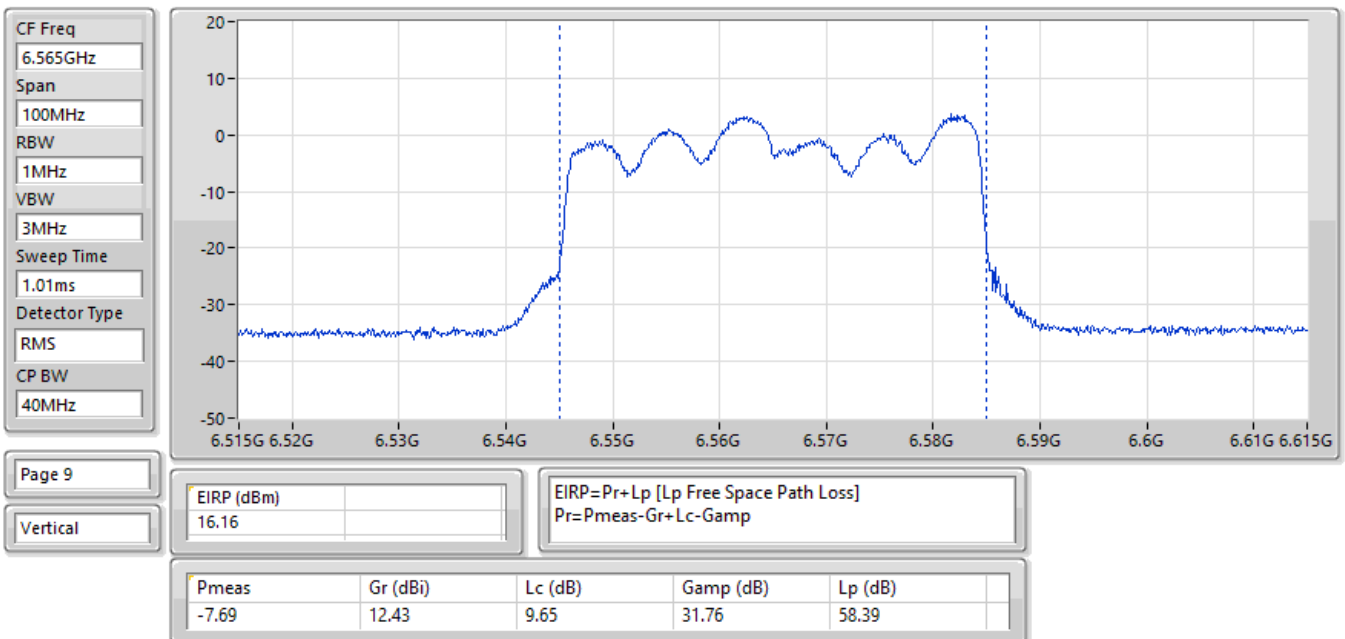
04/03/2026

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



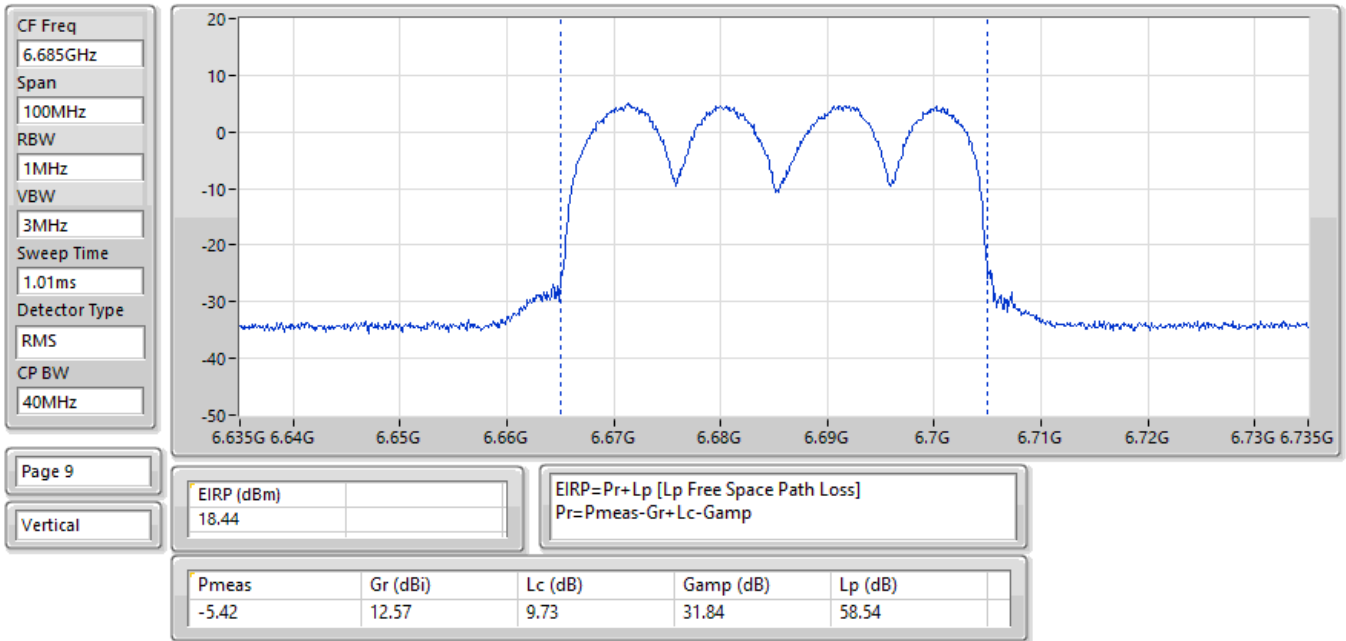
04/03/2026

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



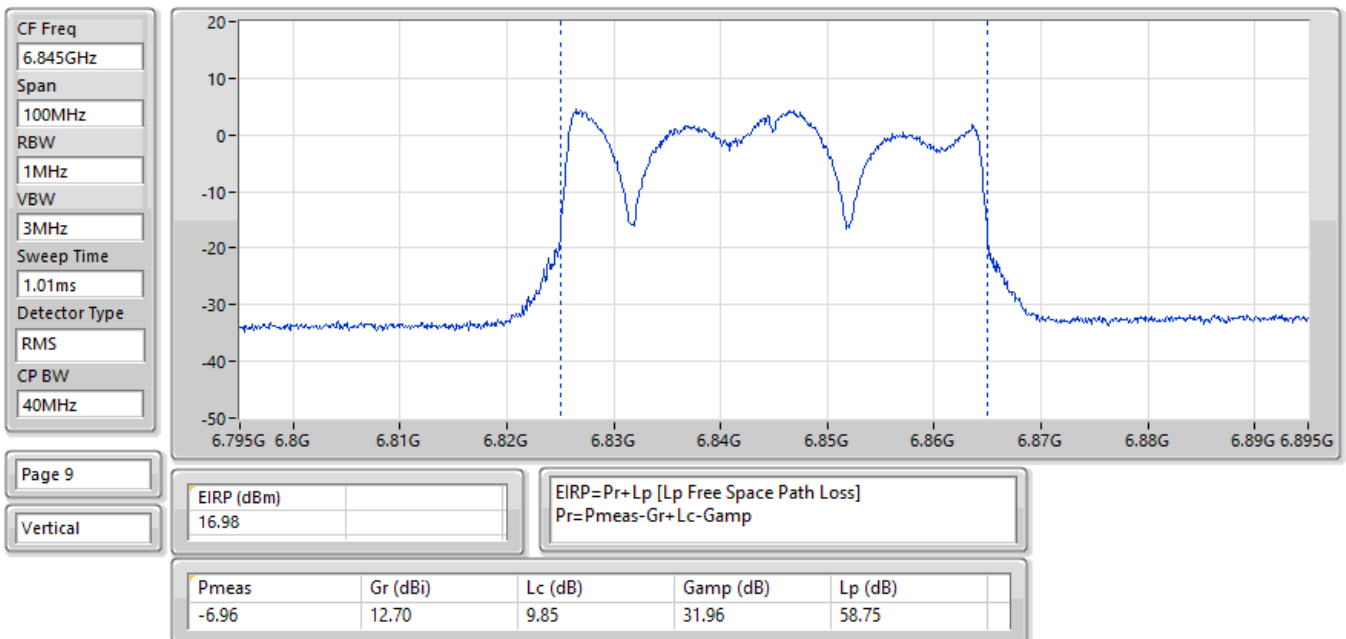
04/03/2026

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



04/03/2026

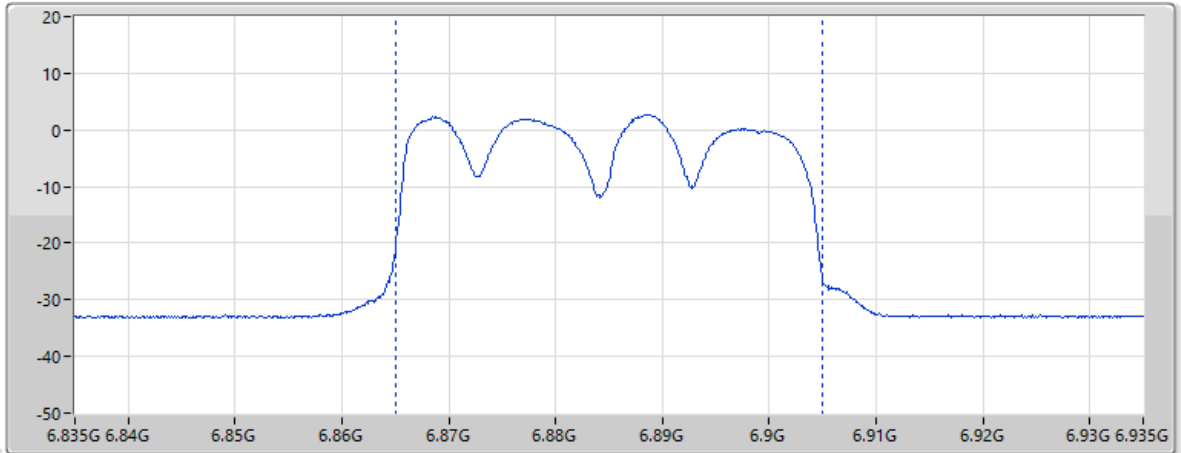
EIRP:Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6845MHz;TX



04/03/2026

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

CF Freq
6.885GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
40MHz



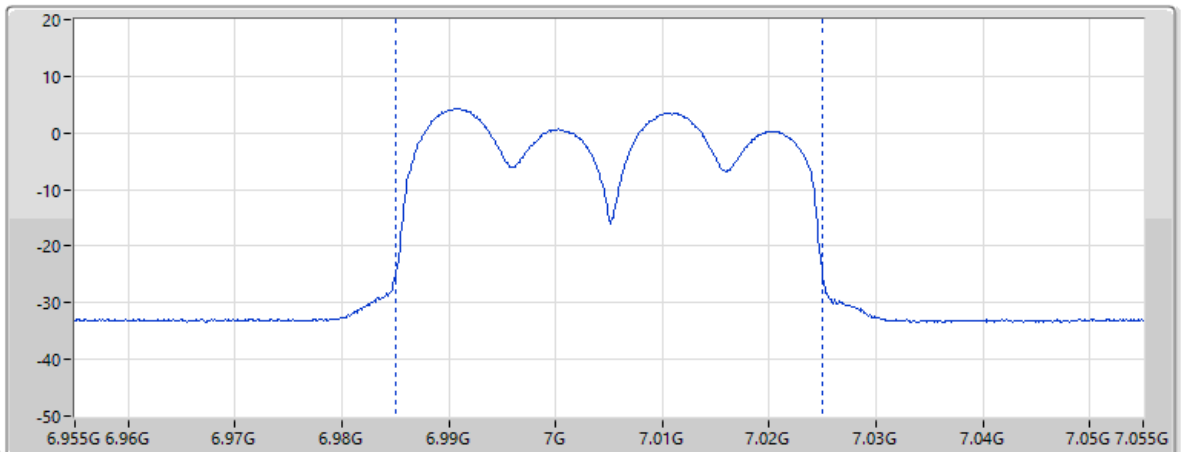
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
16.31				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-9.84	11.00	11.01	32.66	58.80

04/03/2026

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

CF Freq
7.005GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
40MHz

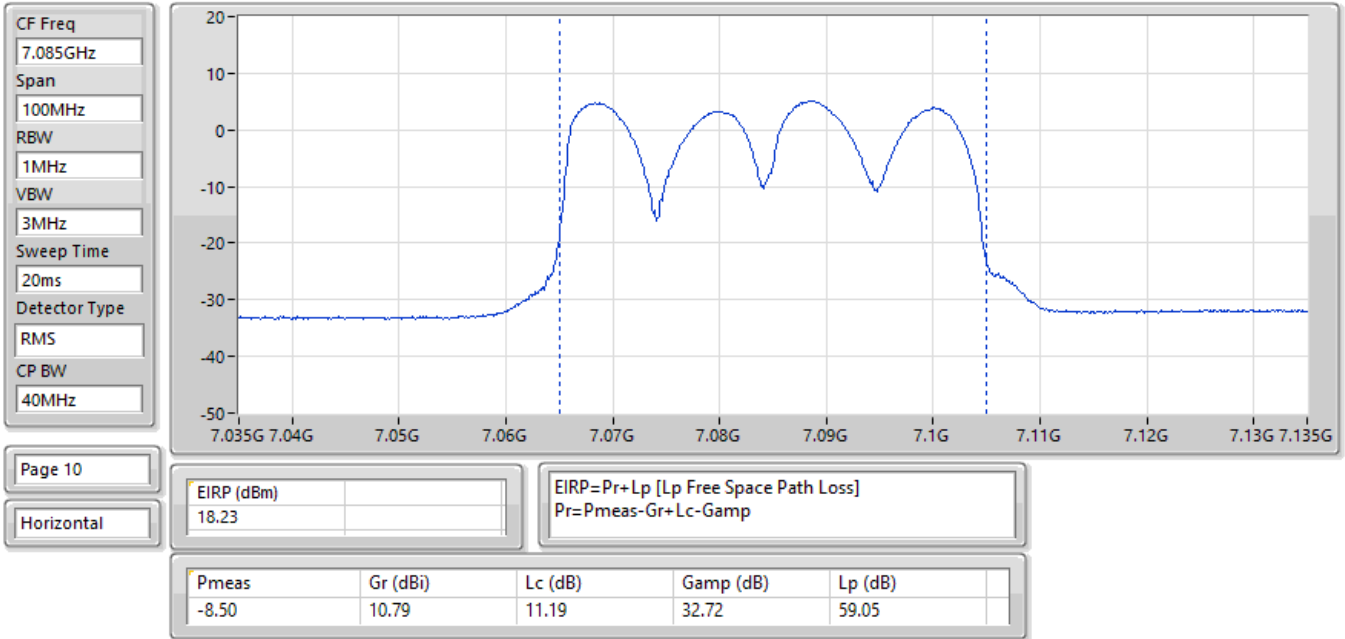


Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
16.98				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-9.10	11.09	10.97	32.75	58.95

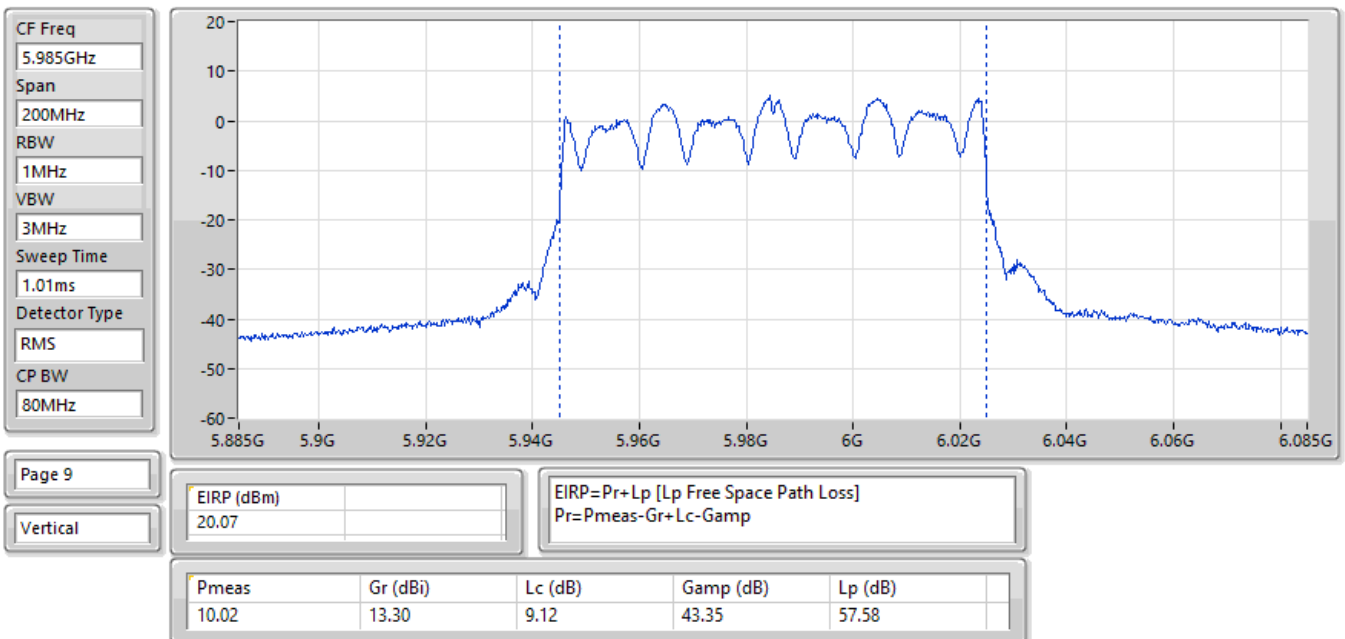
04/03/2026

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



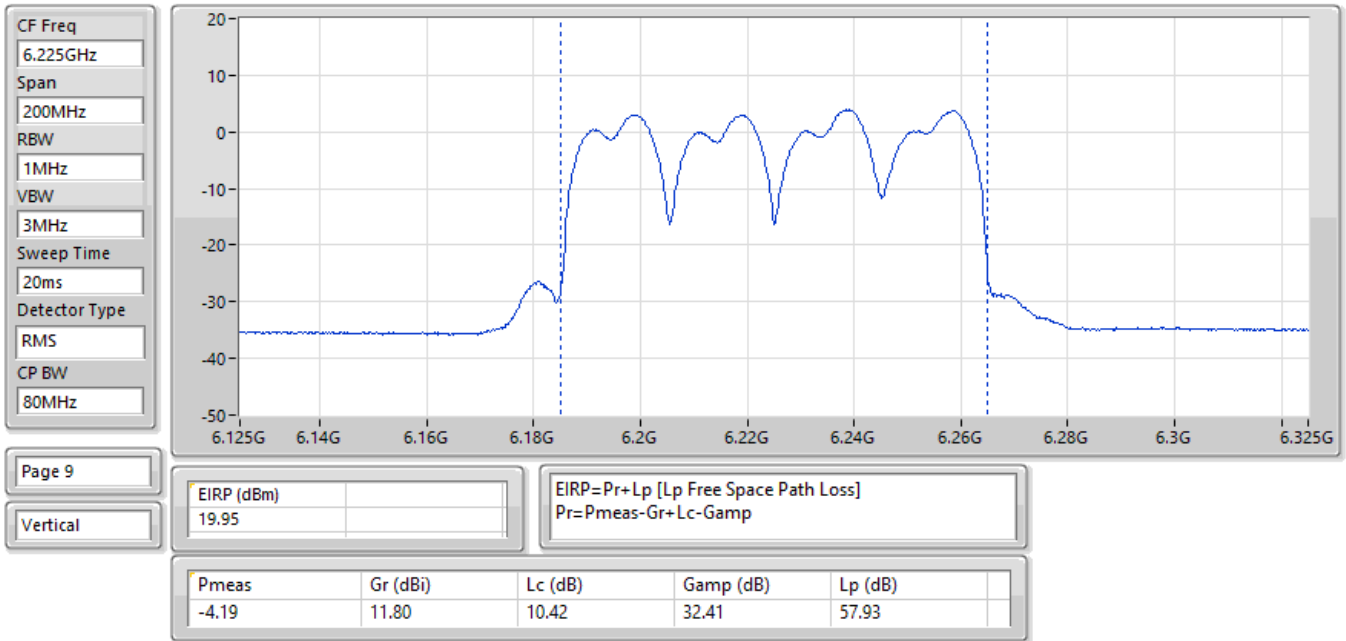
05/02/2026

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



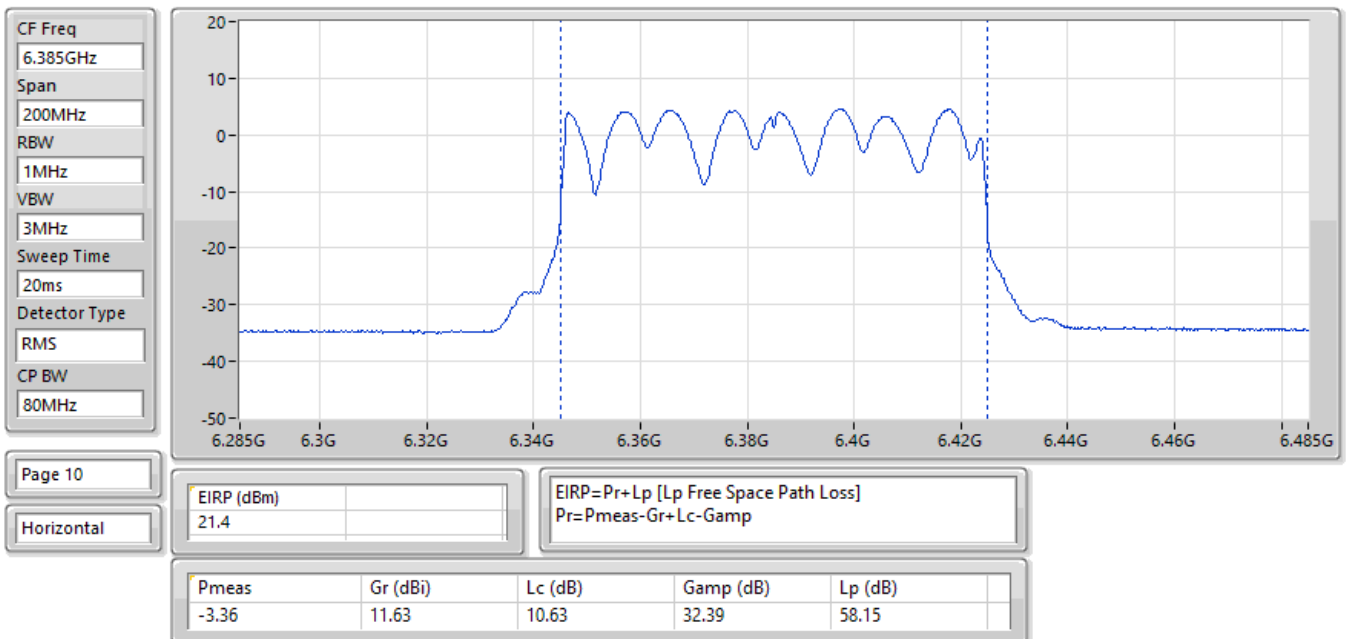
04/03/2026

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



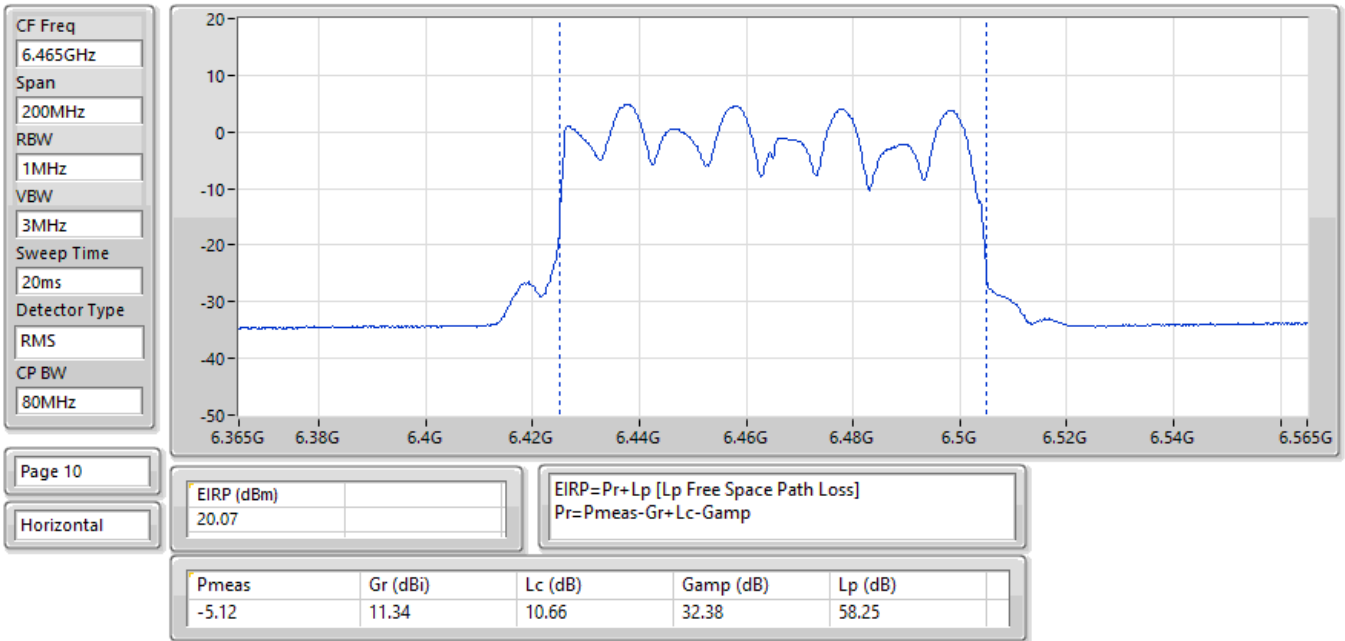
04/03/2026

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



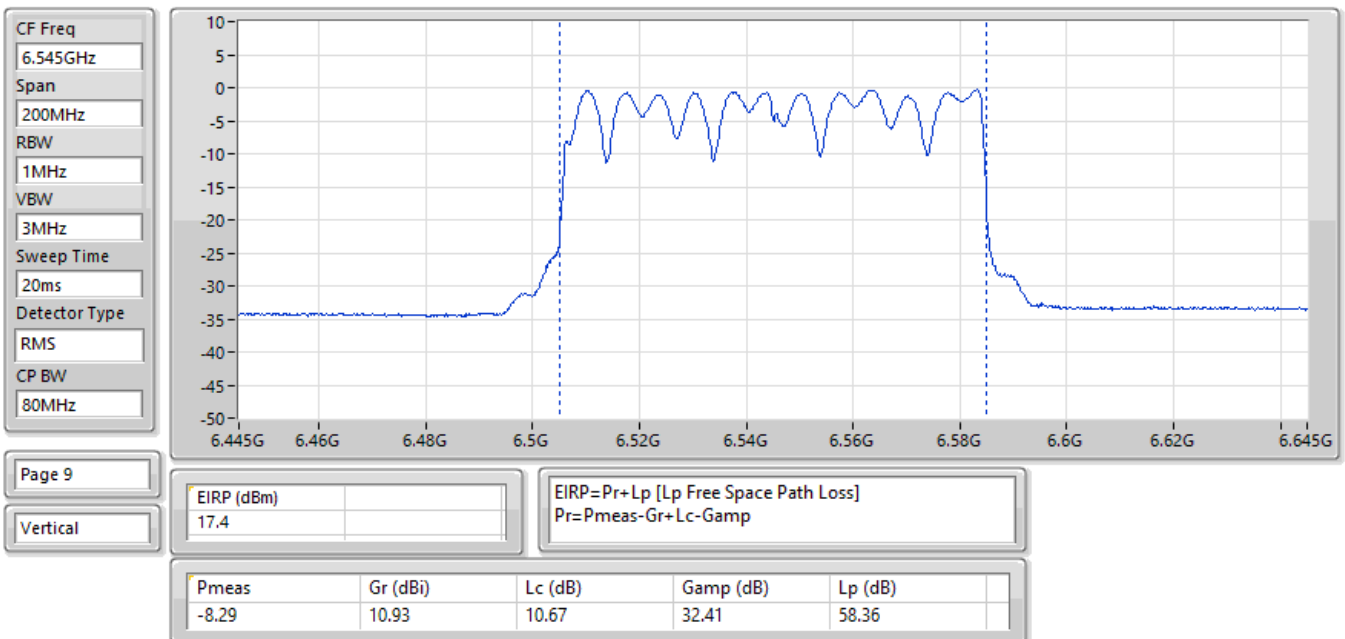
04/03/2026

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



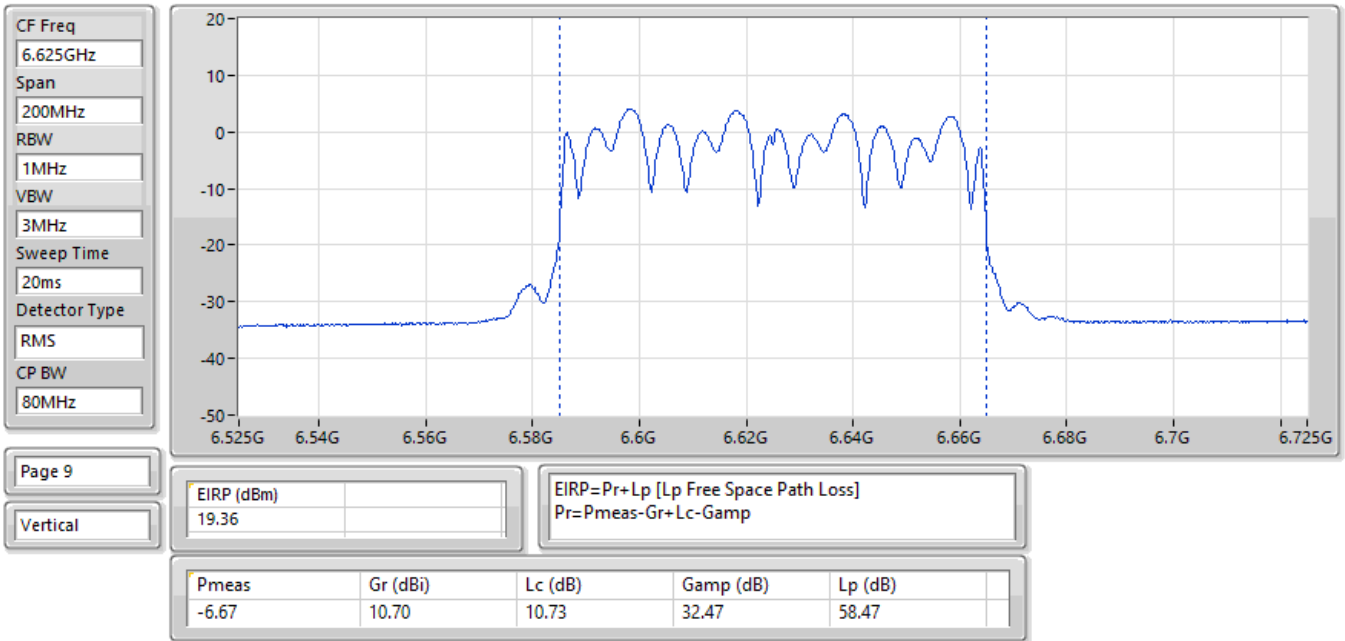
04/03/2026

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



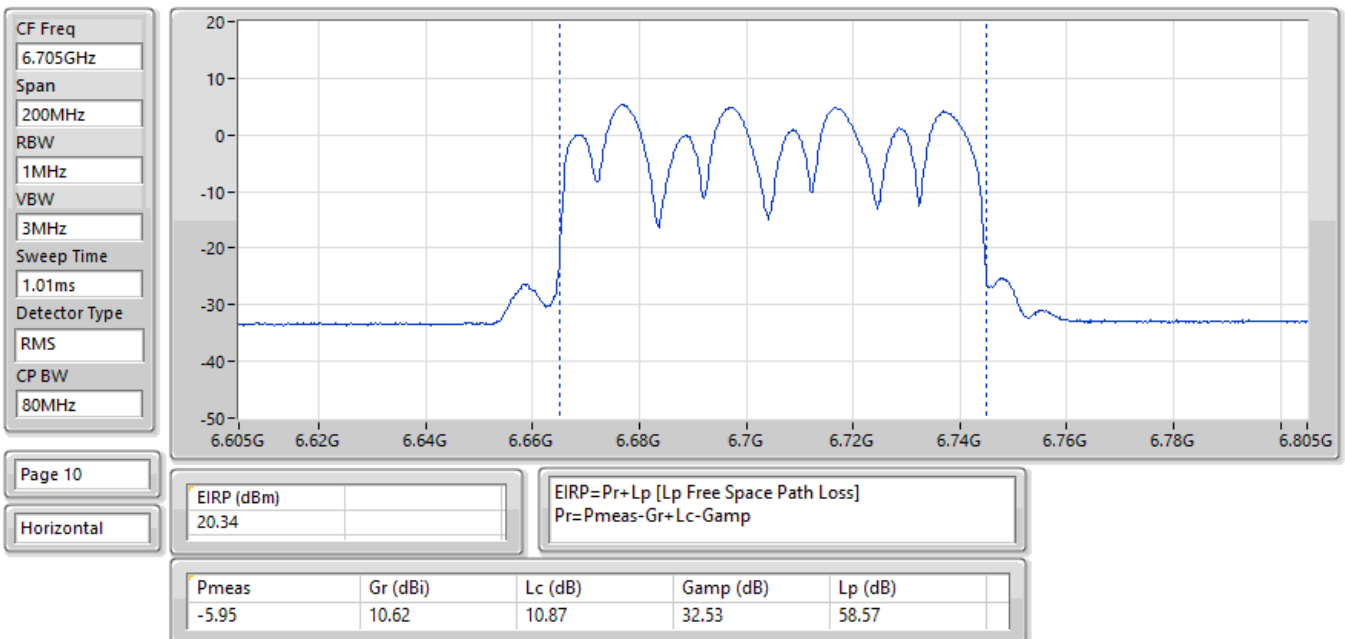
04/03/2026

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



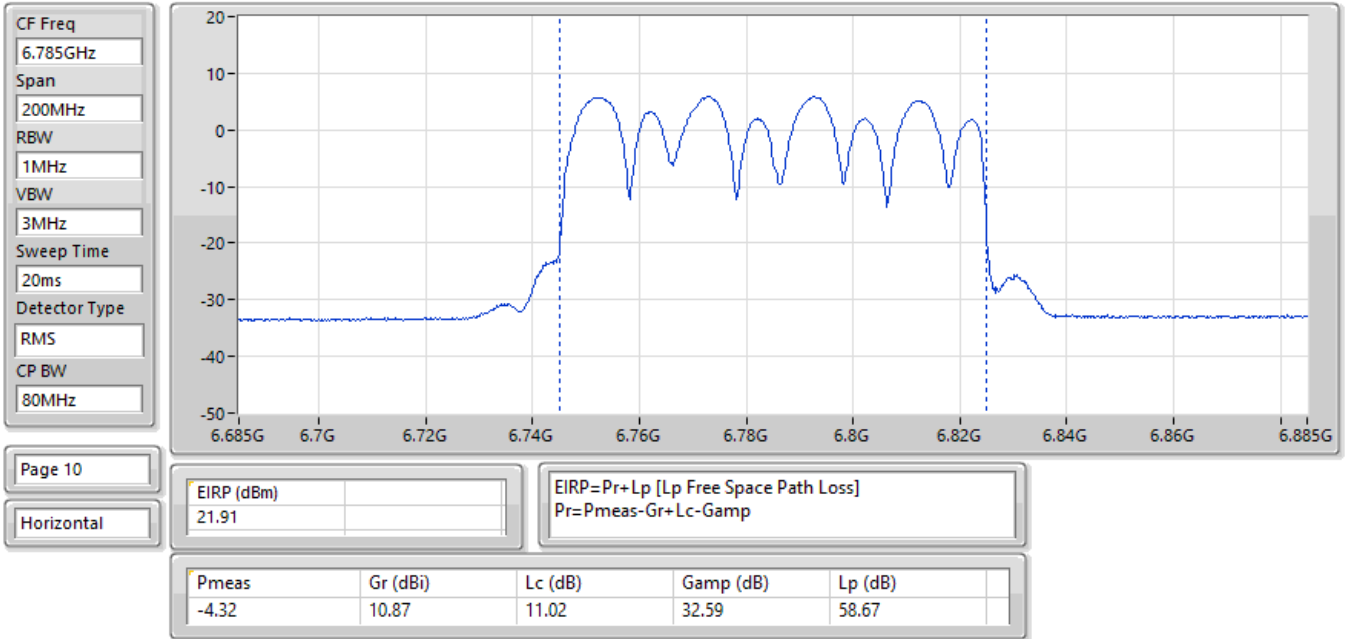
04/03/2026

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



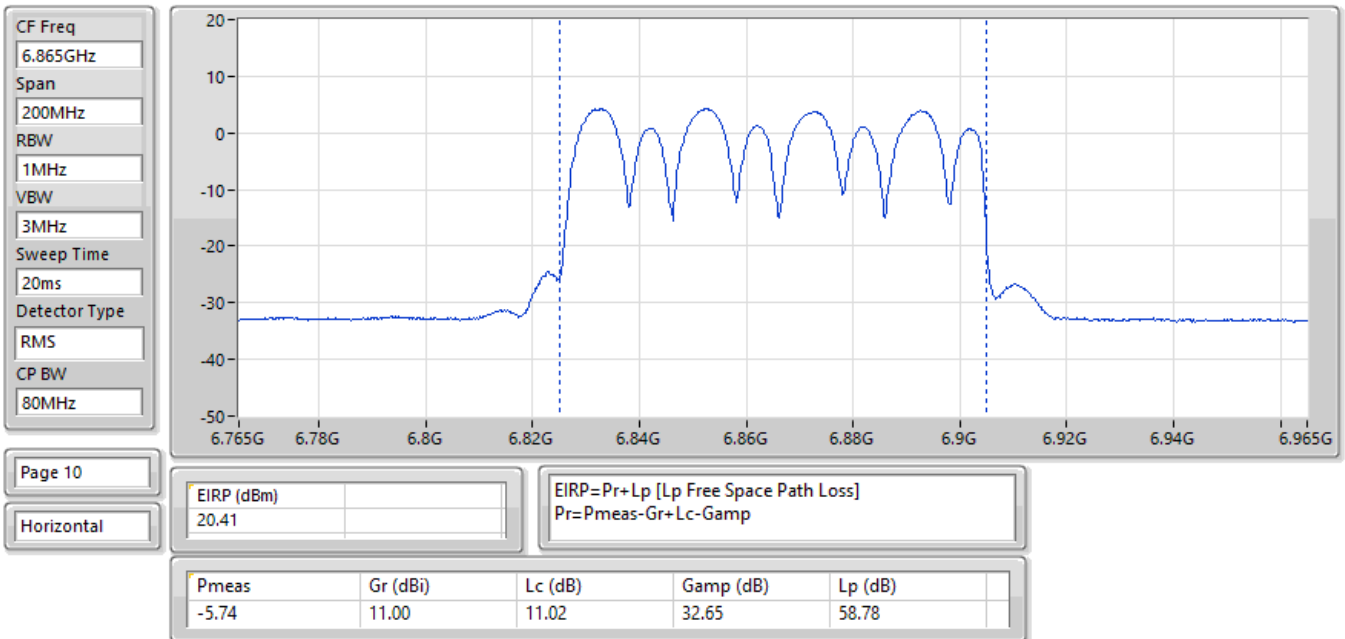
04/03/2026

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



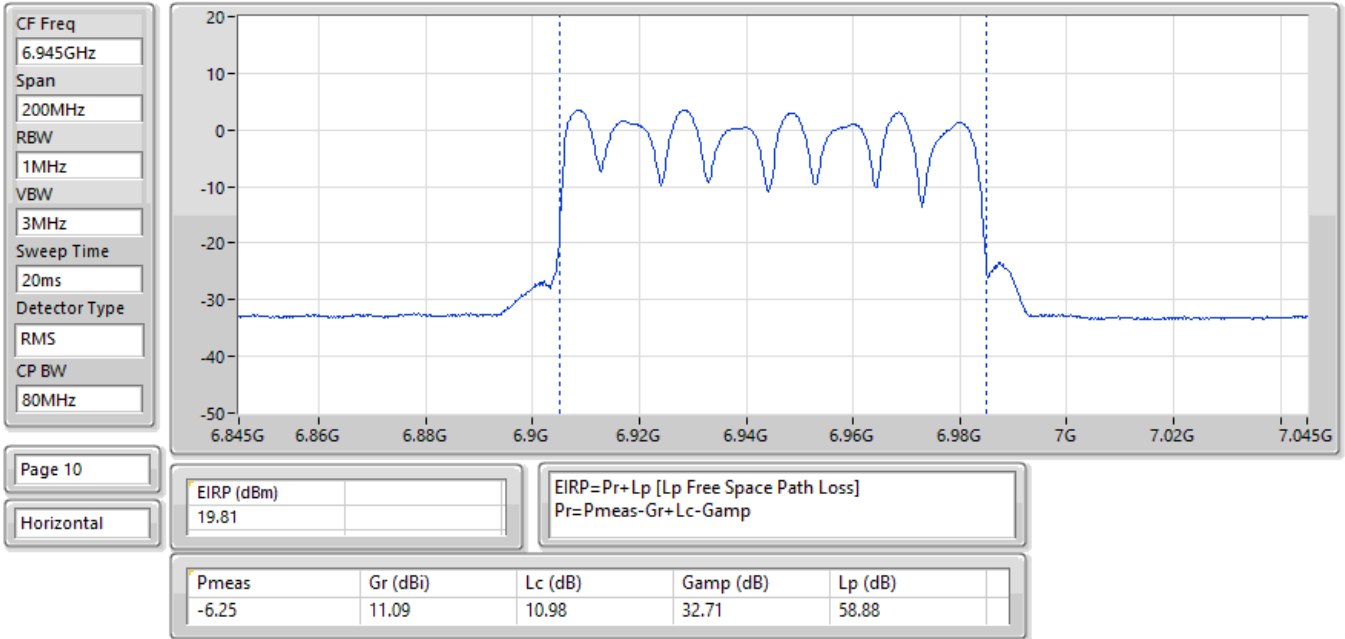
04/03/2026

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



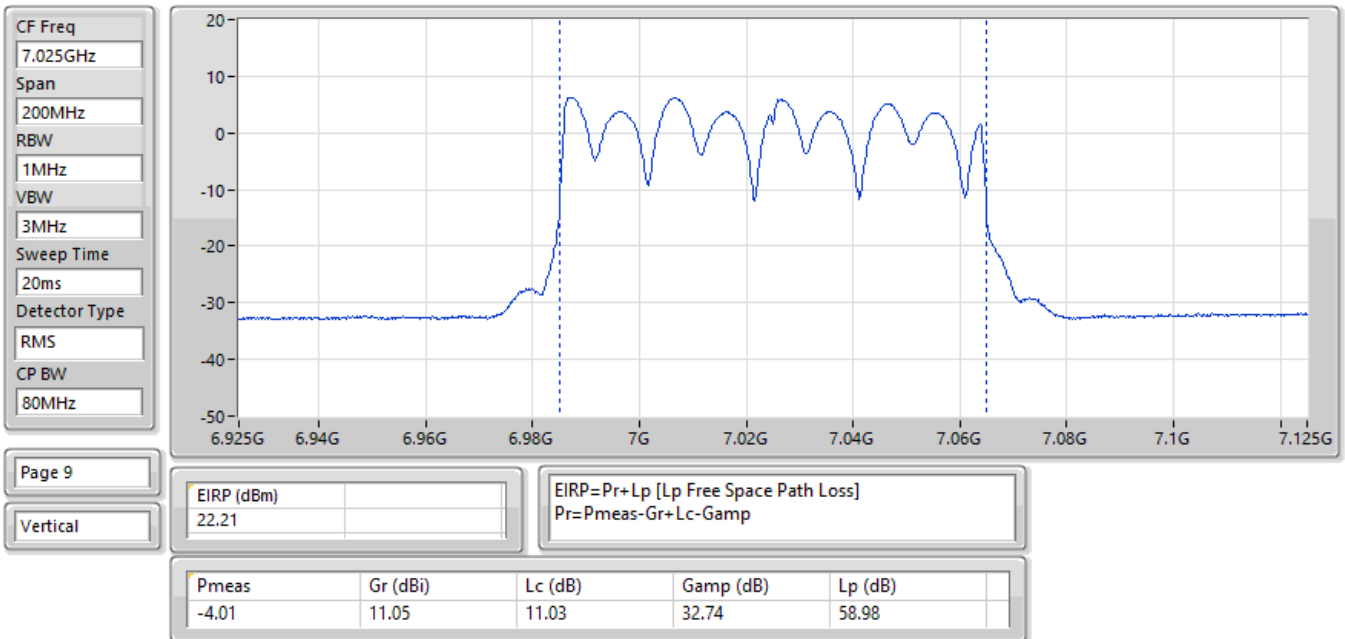
04/03/2026

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



04/03/2026

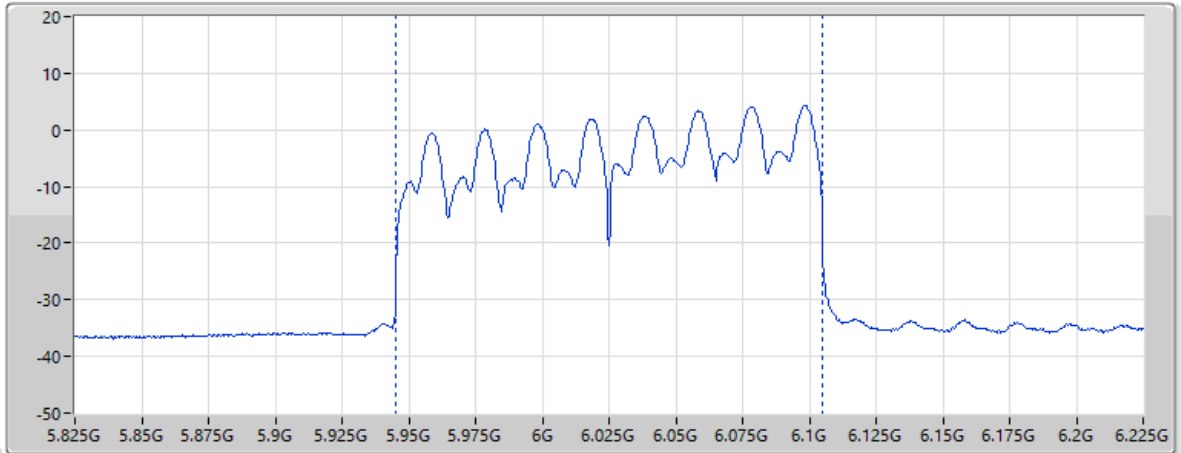
EIRP:Band:7.0G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:7025MHz;TX



04/03/2026

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

CF Freq
6.025GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
160MHz



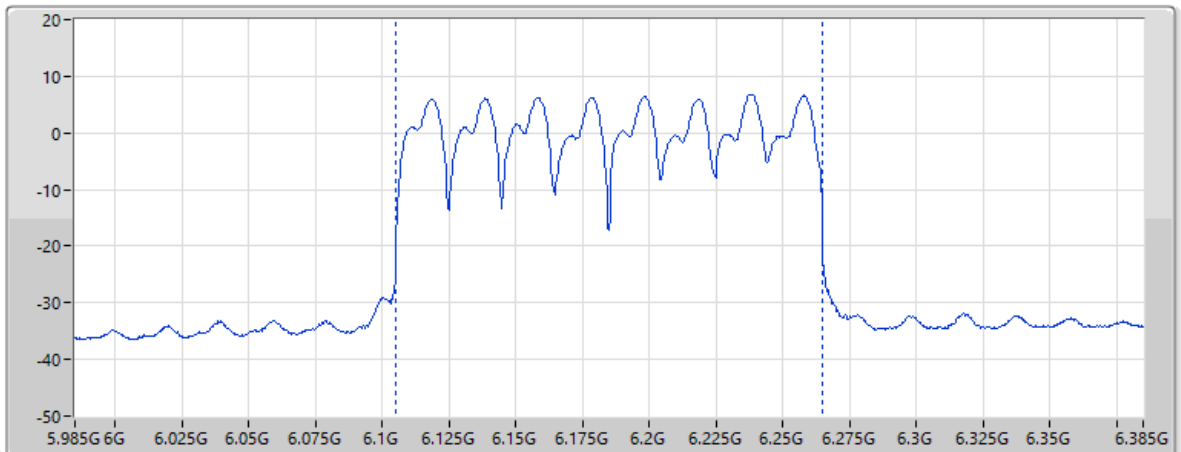
Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
20.97				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.74	11.70	10.21	32.44	57.64

04/03/2026

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

CF Freq
6.185GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
160MHz

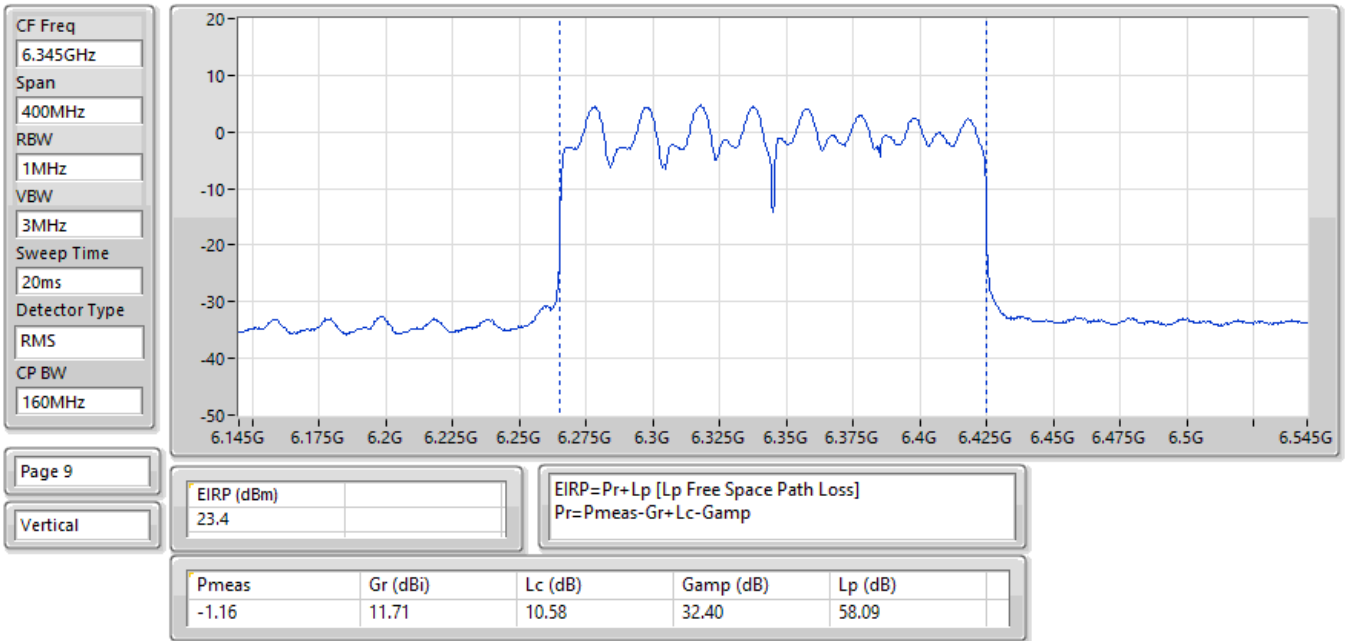


Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
25.21				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
1.19	11.80	10.37	32.42	57.87

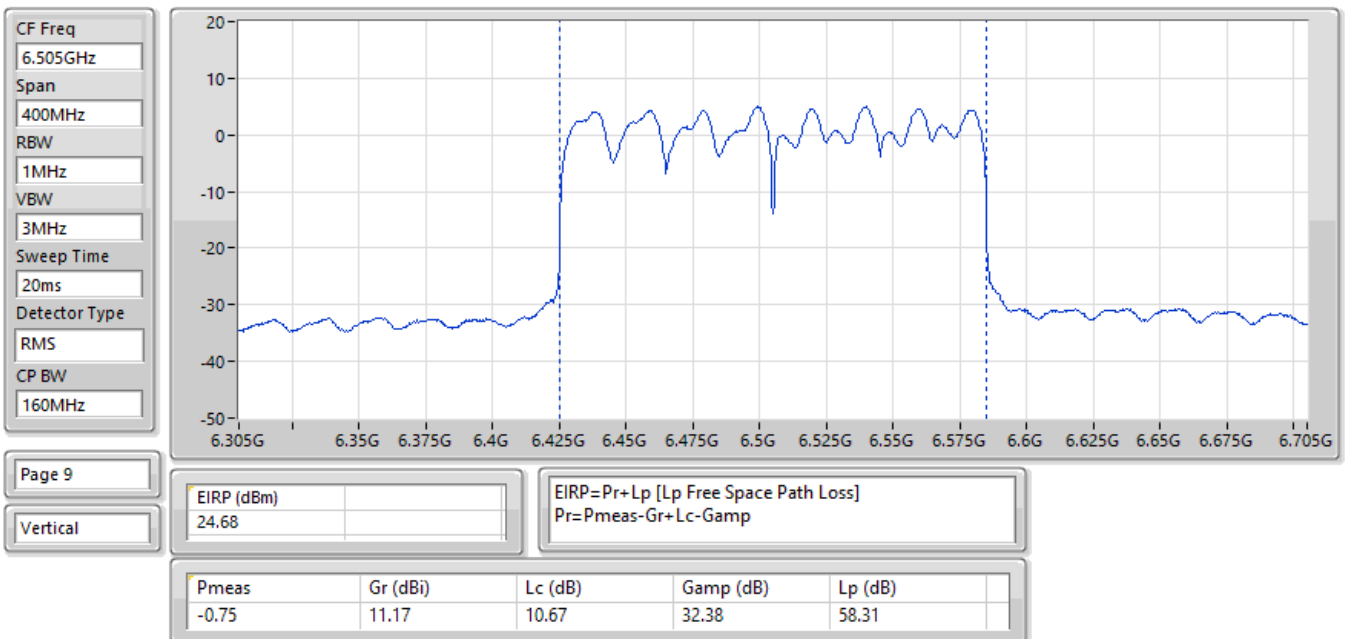
04/03/2026

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



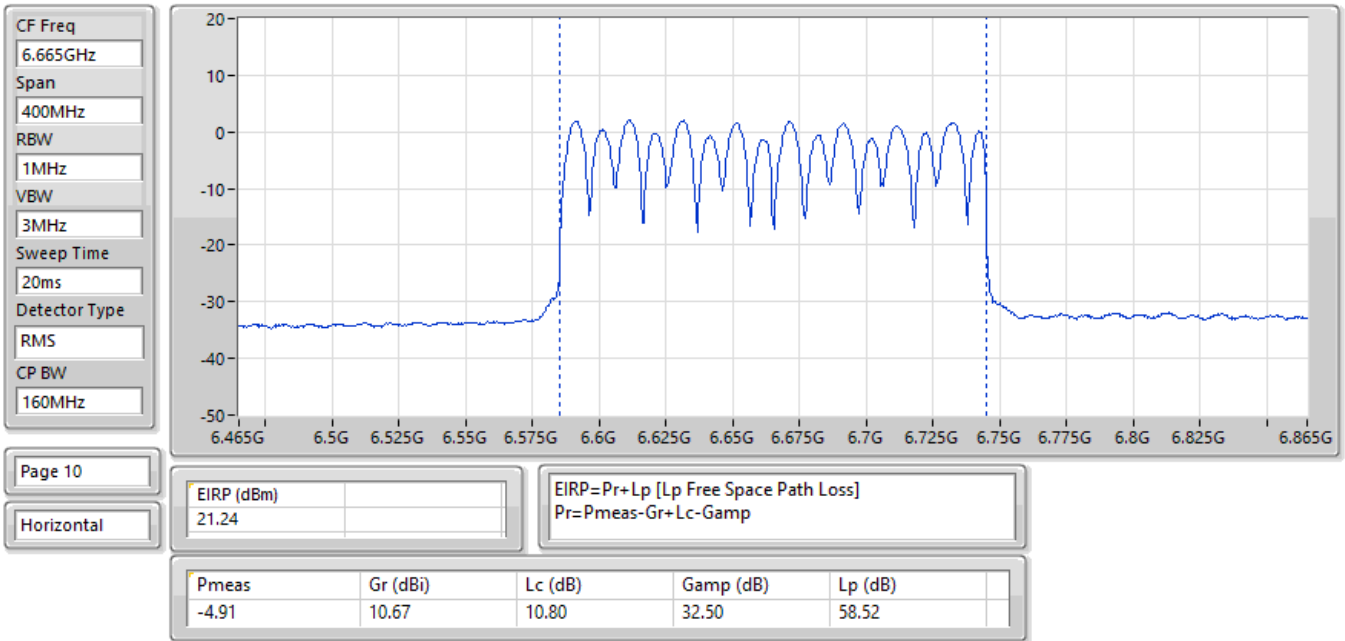
04/03/2026

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



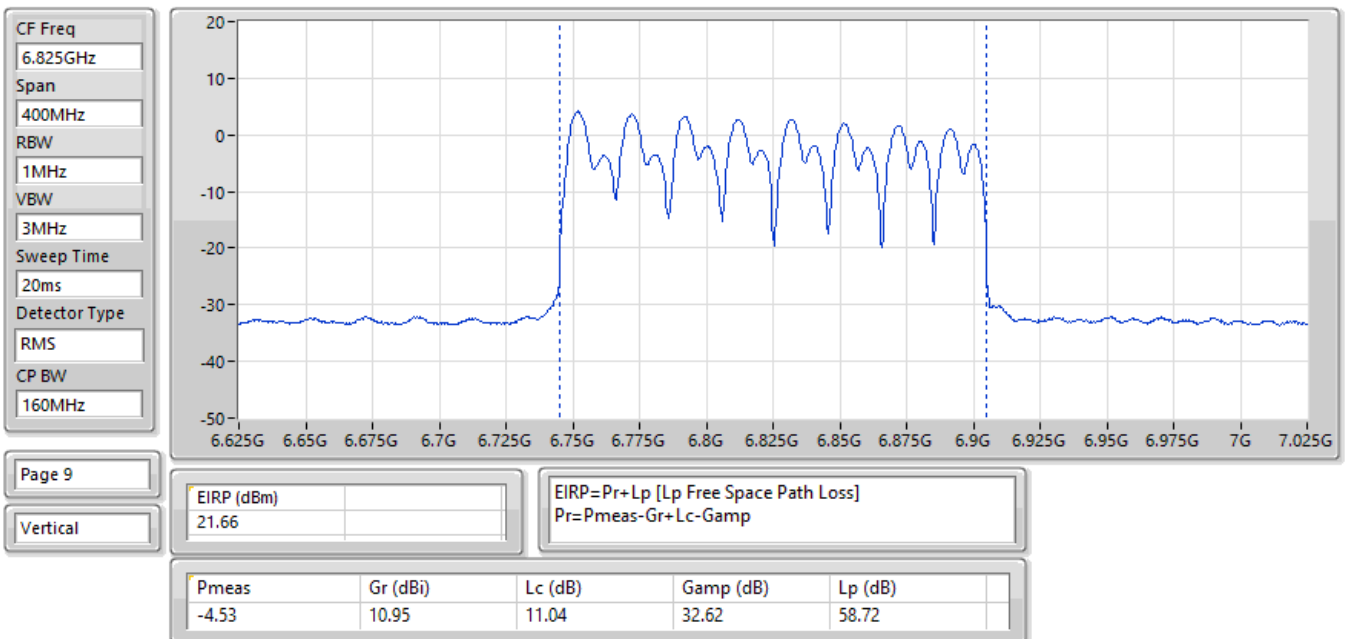
04/03/2026

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



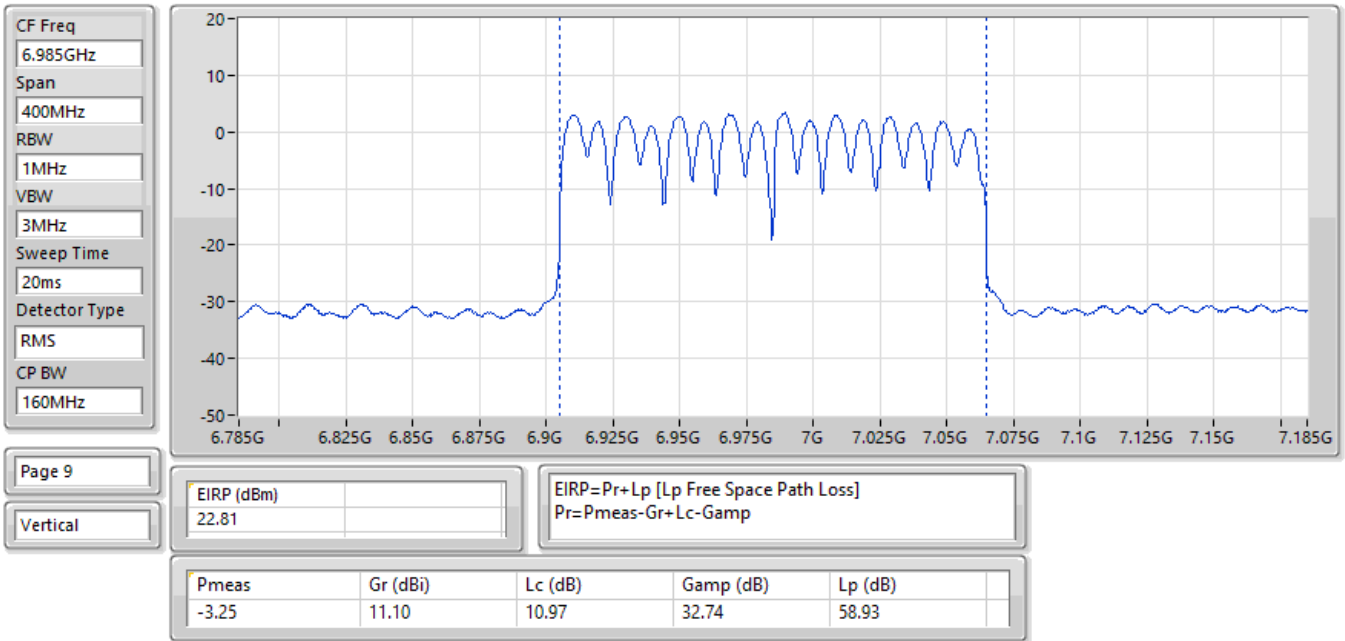
04/03/2026

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



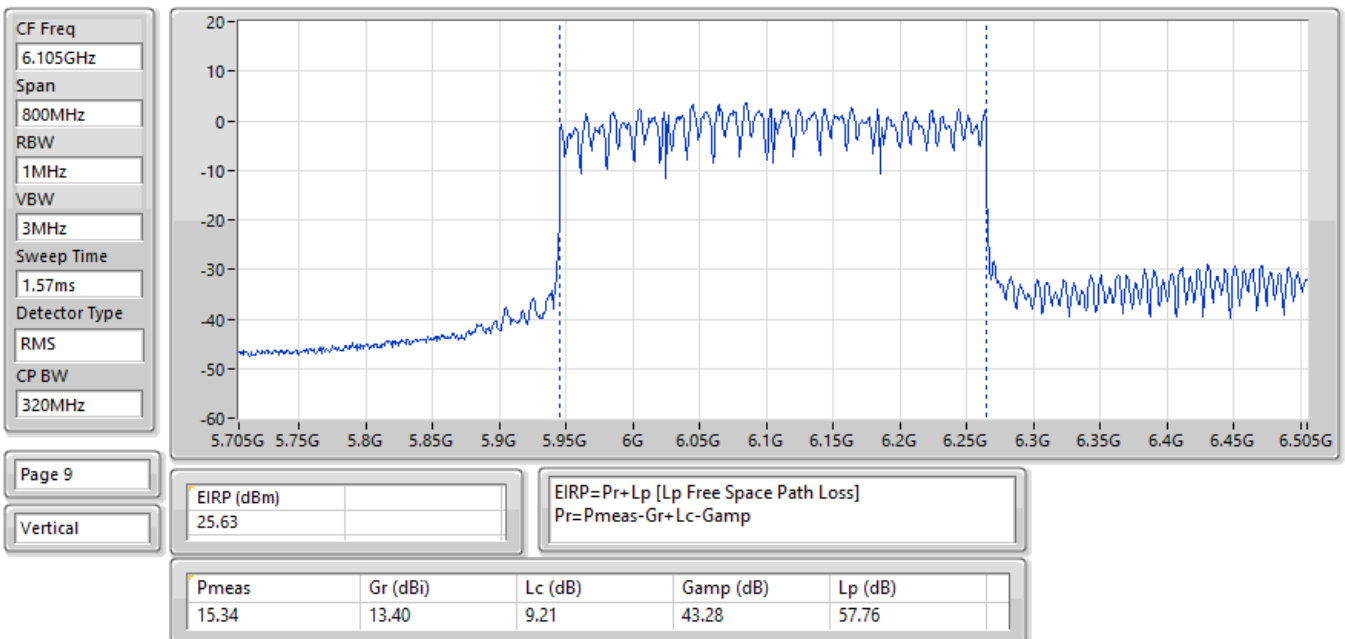
04/03/2026

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



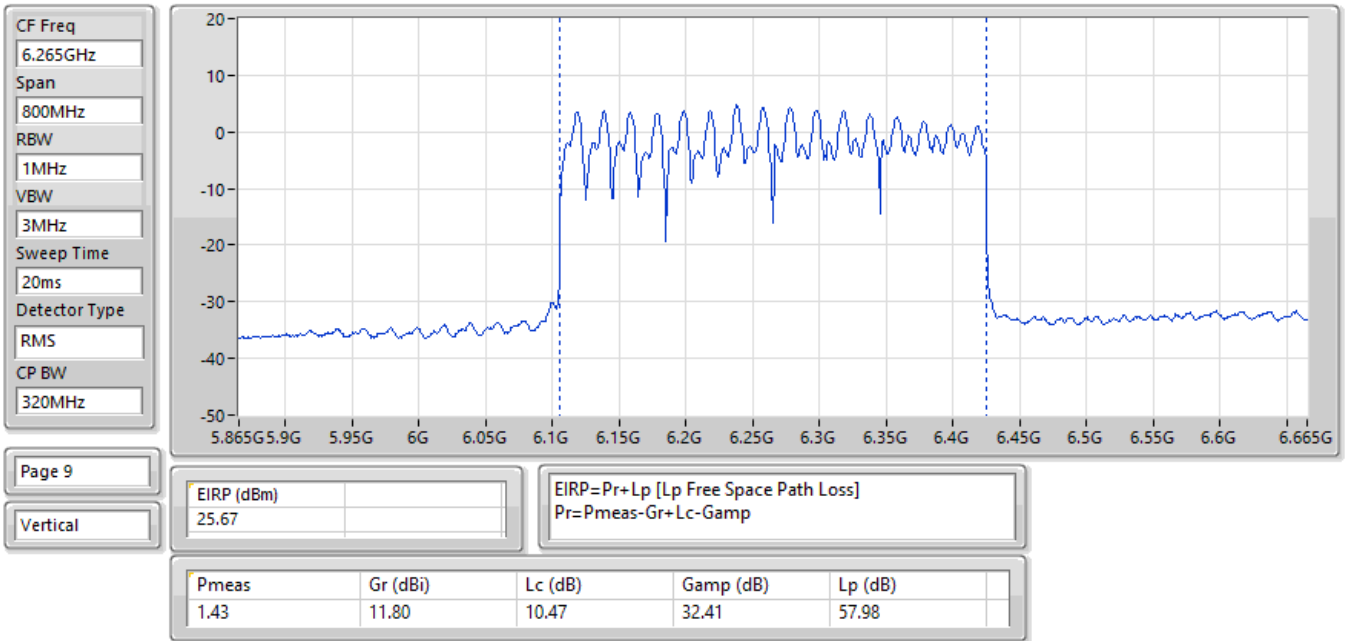
05/02/2026

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



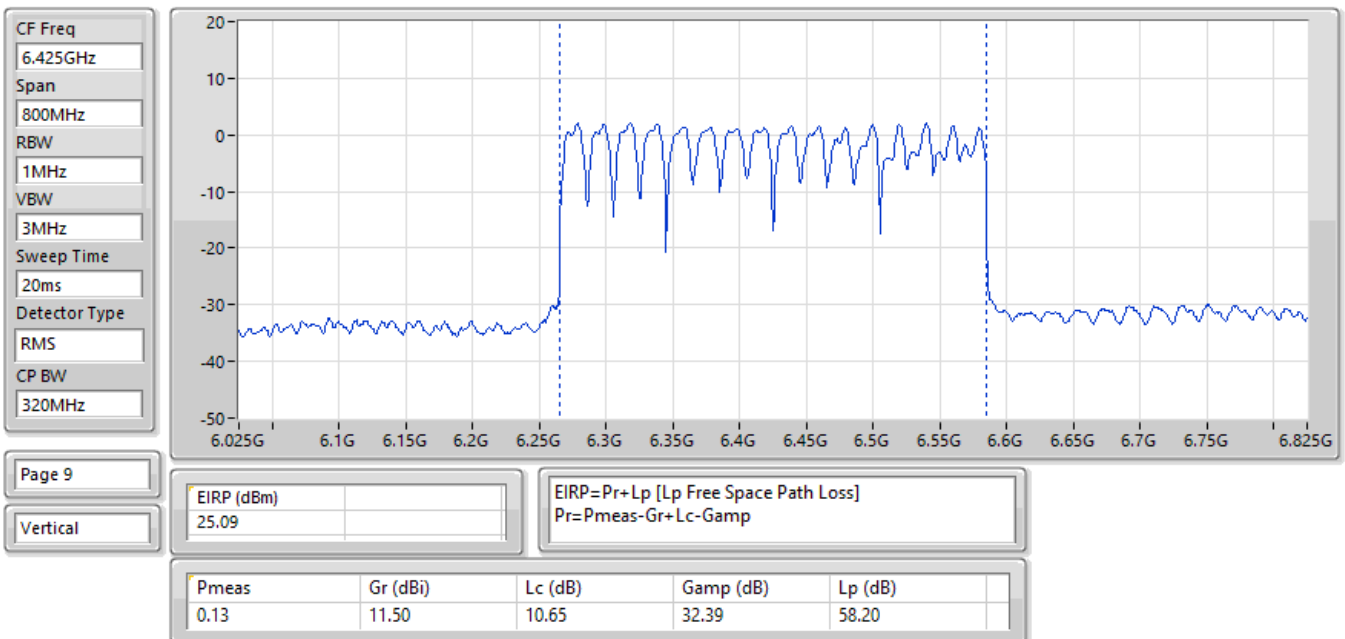
04/03/2026

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



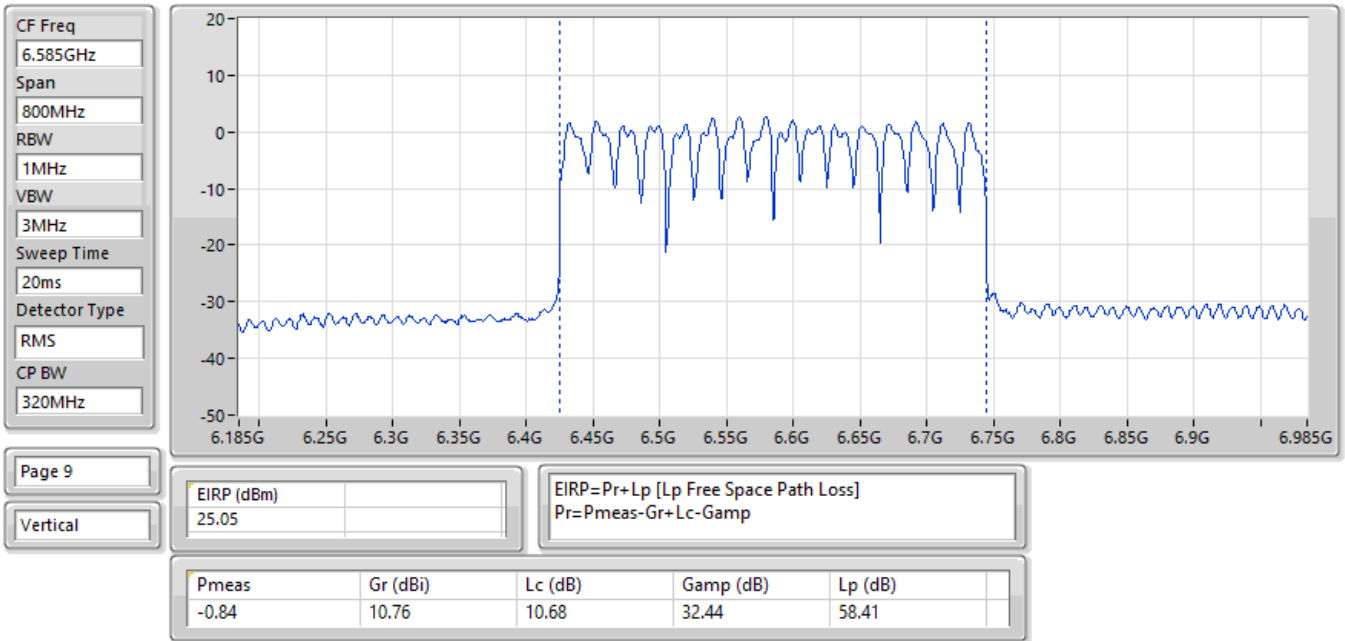
04/03/2026

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



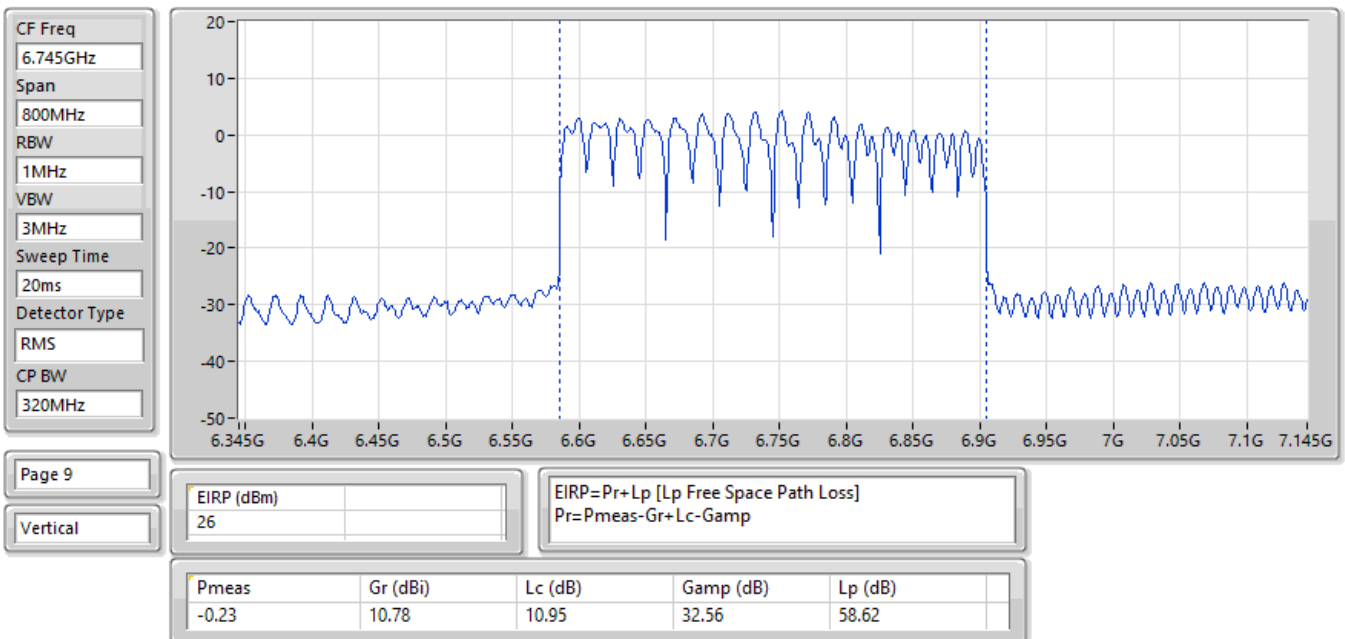
04/03/2026

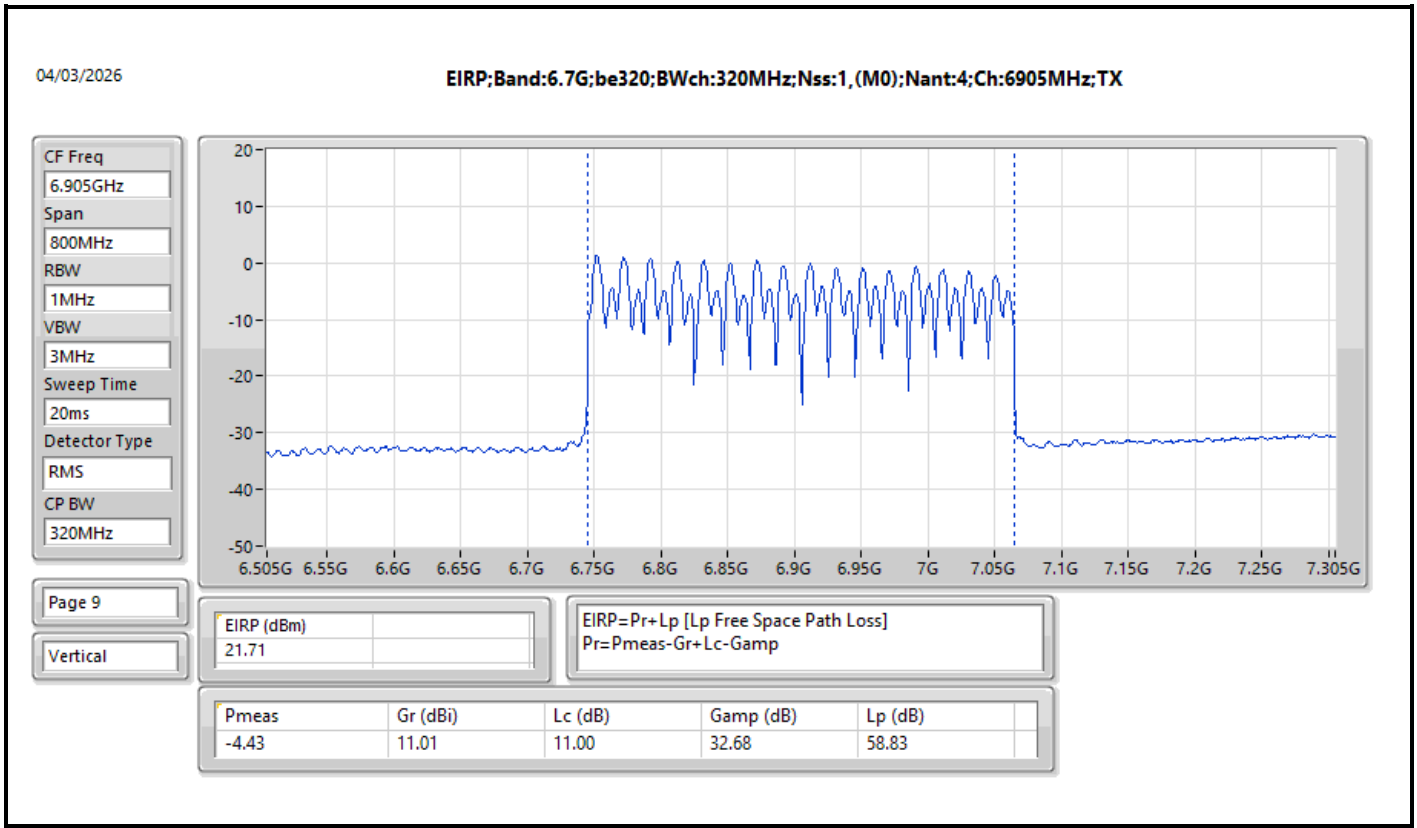
EIRP;Band:6.4G;be320;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6585MHz;TX



04/03/2026

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





Summary

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	19.32	0.08551
802.11be EHT40-BF_Nss1,(MCS0)_4TX	21.35	0.13646
802.11be EHT80-BF_Nss1,(MCS0)_4TX	24.89	0.30832
802.11be EHT160-BF_Nss1,(MCS0)_4TX	25.52	0.35645
802.11be EHT320-BF_Nss1,(MCS0)_4TX	28.10	0.64565
6.425-6.525GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	16.47	0.04436
802.11be EHT40-BF_Nss1,(MCS0)_4TX	21.36	0.13677
802.11be EHT80-BF_Nss1,(MCS0)_4TX	23.08	0.20324
802.11be EHT160-BF_Nss1,(MCS0)_4TX	26.75	0.47315
802.11be EHT320-BF_Nss1,(MCS0)_4TX	26.82	0.48084
6.525-6.875GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	17.31	0.05383
802.11be EHT40-BF_Nss1,(MCS0)_4TX	20.46	0.11117
802.11be EHT80-BF_Nss1,(MCS0)_4TX	23.90	0.24547
802.11be EHT160-BF_Nss1,(MCS0)_4TX	24.26	0.26669
802.11be EHT320-BF_Nss1,(MCS0)_4TX	27.70	0.58884
6.875-7.125GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	16.33	0.04295
802.11be EHT40-BF_Nss1,(MCS0)_4TX	21.23	0.13274
802.11be EHT80-BF_Nss1,(MCS0)_4TX	20.86	0.12190
802.11be EHT160-BF_Nss1,(MCS0)_4TX	18.39	0.06902

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	19.32	30.00
6195MHz	Pass	16.58	30.00
6415MHz	Pass	17.98	30.00
6435MHz	Pass	16.47	30.00
6475MHz	Pass	15.72	30.00
6515MHz	Pass	15.79	30.00
6535MHz	Pass	17.31	30.00
6695MHz	Pass	16.14	30.00
6855MHz	Pass	16.55	30.00
6875MHz	Pass	15.88	30.00
6995MHz	Pass	13.56	30.00
7095MHz	Pass	16.33	30.00
7115MHz	Pass	10.19	30.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	20.79	30.00
6205MHz	Pass	18.57	30.00
6405MHz	Pass	21.35	30.00
6445MHz	Pass	16.31	30.00
6485MHz	Pass	21.36	30.00
6525MHz	Pass	19.05	30.00
6565MHz	Pass	19.86	30.00
6685MHz	Pass	19.81	30.00
6845MHz	Pass	17.30	30.00
6885MHz	Pass	20.46	30.00
7005MHz	Pass	21.23	30.00
7085MHz	Pass	17.76	30.00
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	23.54	30.00
6225MHz	Pass	23.68	30.00
6385MHz	Pass	24.89	30.00
6465MHz	Pass	23.08	30.00
6545MHz	Pass	22.79	30.00
6625MHz	Pass	21.73	30.00
6705MHz	Pass	23.90	30.00
6785MHz	Pass	22.14	30.00
6865MHz	Pass	23.66	30.00
6945MHz	Pass	20.86	30.00
7025MHz	Pass	20.61	30.00
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	23.85	30.00
6185MHz	Pass	24.70	30.00
6345MHz	Pass	25.52	30.00
6505MHz	Pass	26.75	30.00
6665MHz	Pass	24.26	30.00
6825MHz	Pass	19.85	30.00
6985MHz	Pass	18.39	30.00
802.11be EHT320-BF_Nss1,(MCS0)_4TX	-	-	-
6105MHz	Pass	26.77	30.00
6265MHz	Pass	28.10	30.00
6425MHz	Pass	27.49	30.00
6585MHz	Pass	26.82	30.00
6745MHz	Pass	27.70	30.00
6905MHz	Pass	20.29	30.00



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

20/04/2026

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

CF Freq
5.955GHz

Span
50MHz

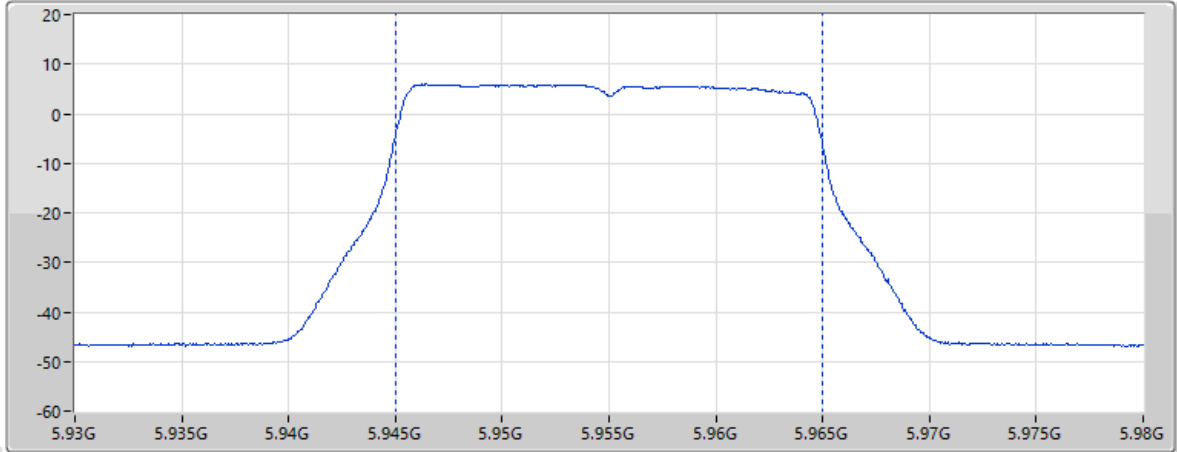
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
20MHz



Page 10

Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
19.32		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
9.37	13.30	9.09	43.38	57.54

22/04/2026

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

CF Freq
6.195GHz

Span
50MHz

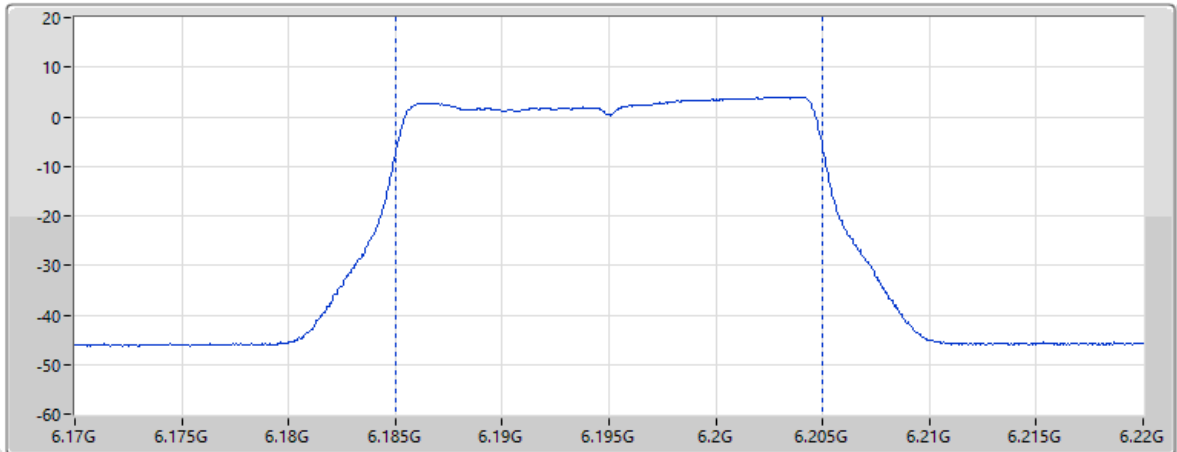
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
20MHz



Page 10

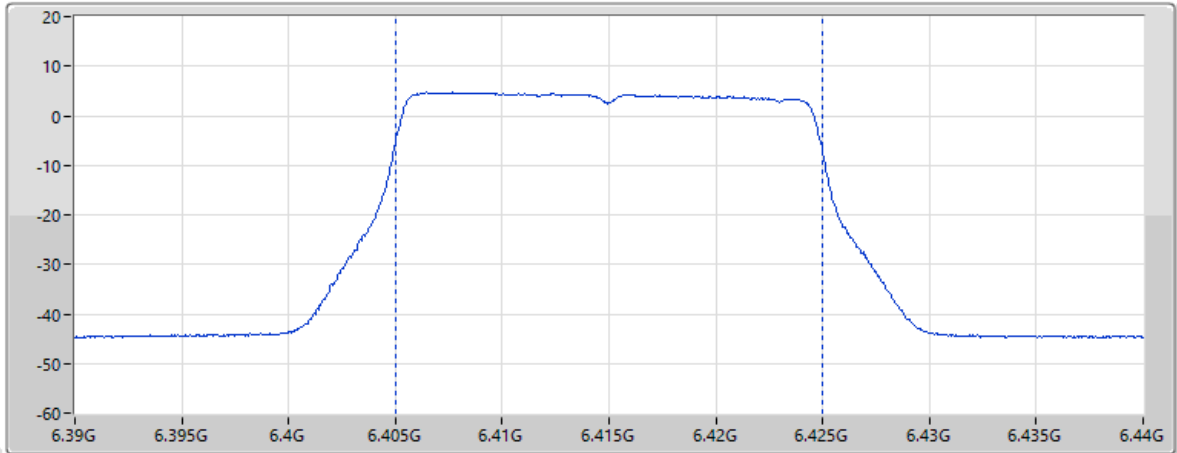
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
16.58		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
5.97	13.31	9.27	43.23	57.88

22/04/2026

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

CF Freq
6.415GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



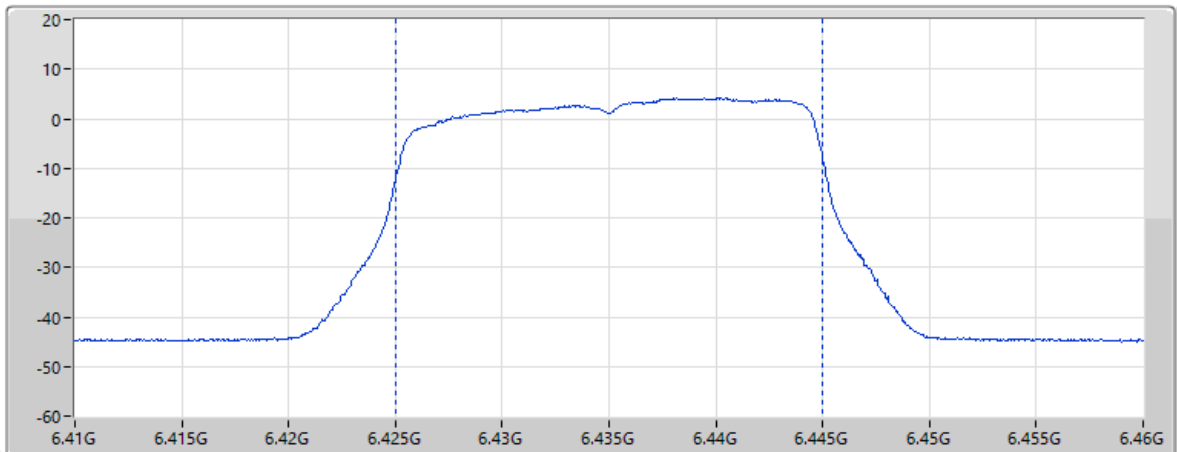
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
17.98				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
6.16	12.77	9.52	43.12	58.19

22/04/2026

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

CF Freq
6.435GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz

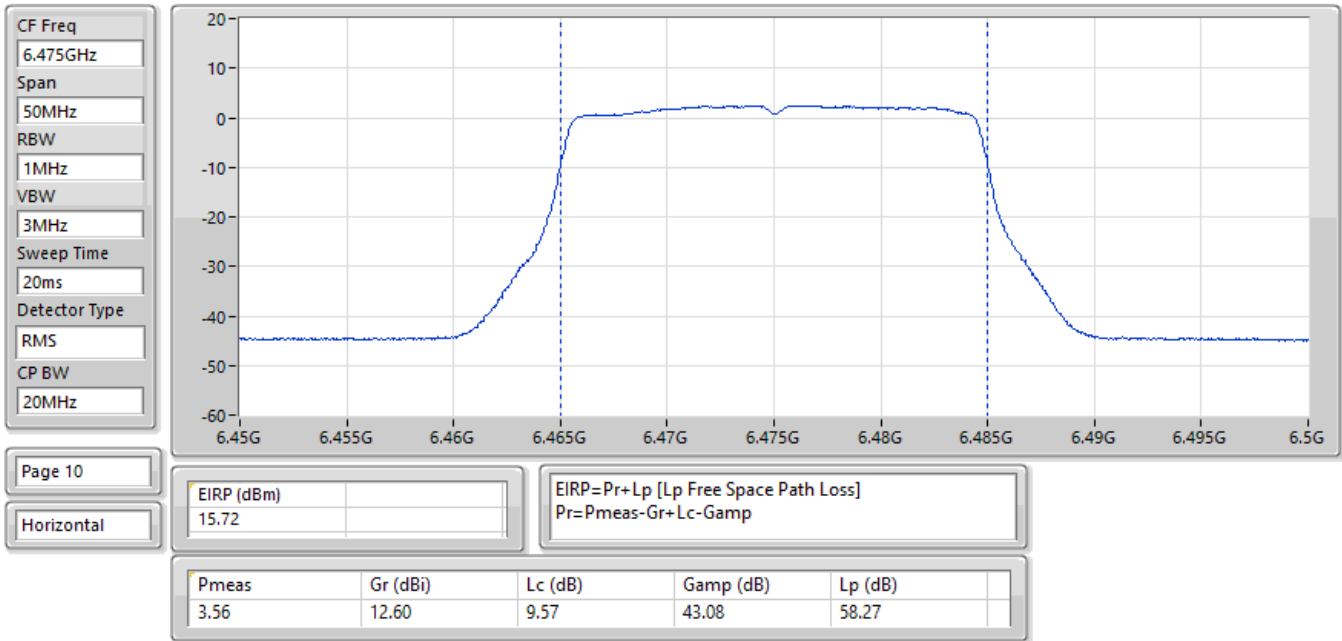


Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
16.47				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
4.56	12.73	9.54	43.11	58.21

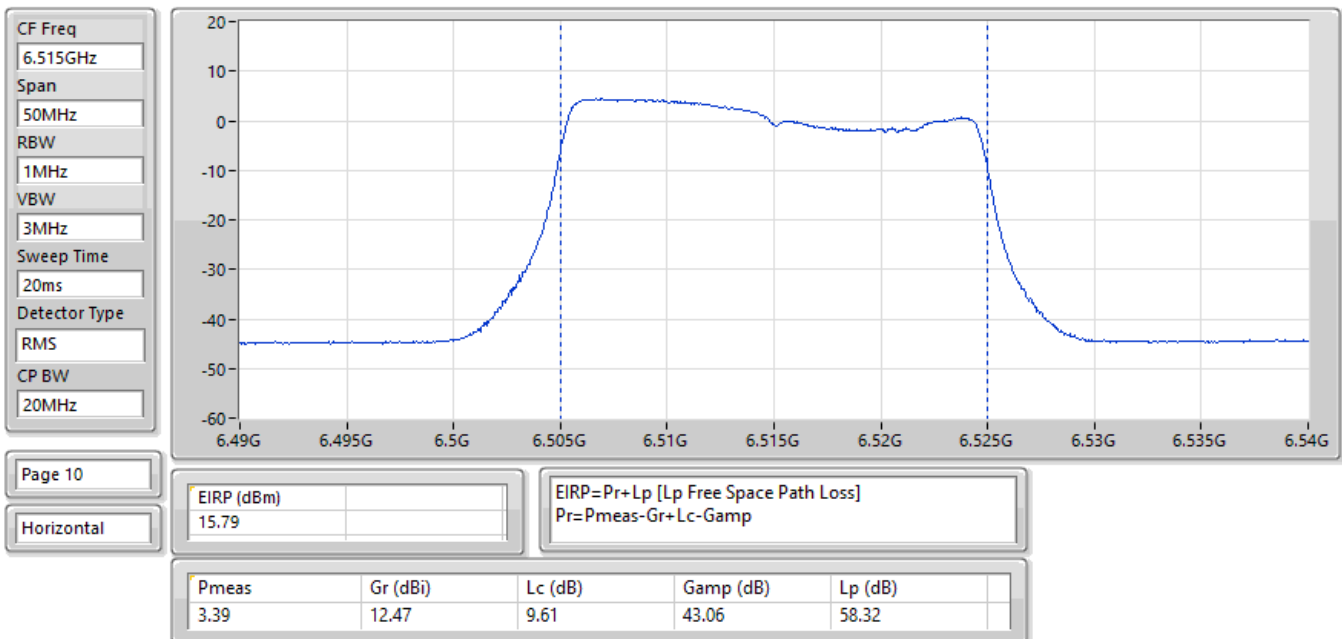
22/04/2026

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



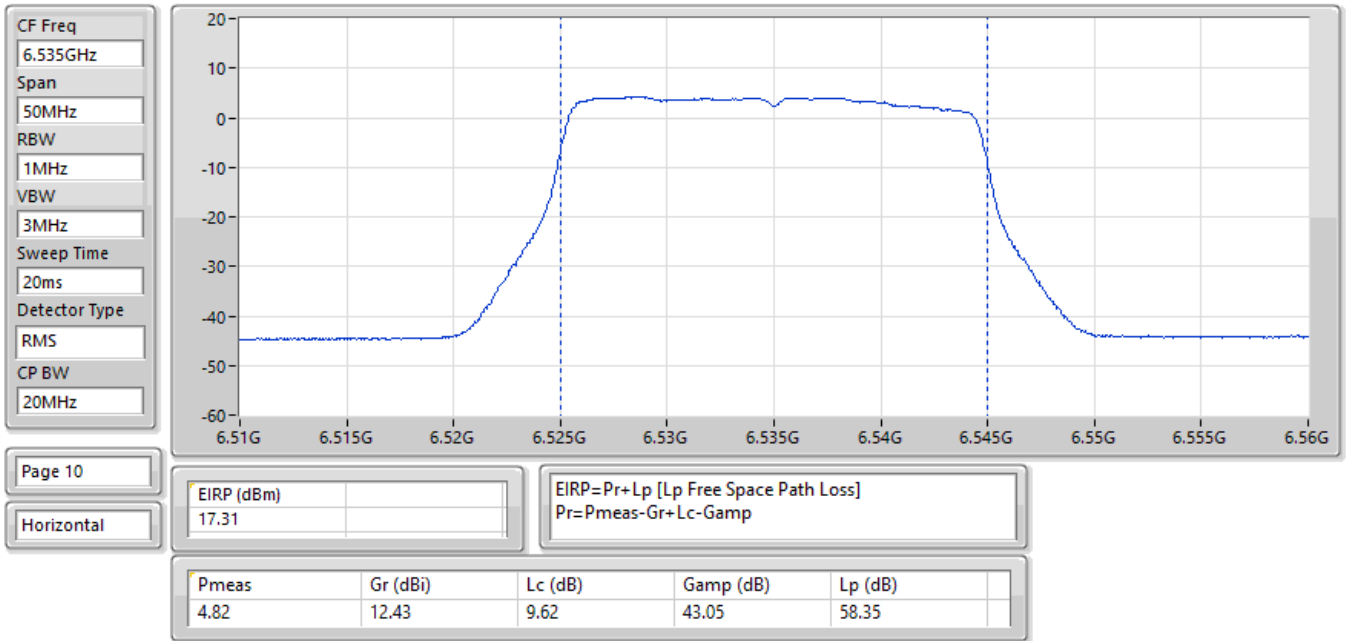
22/04/2026

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



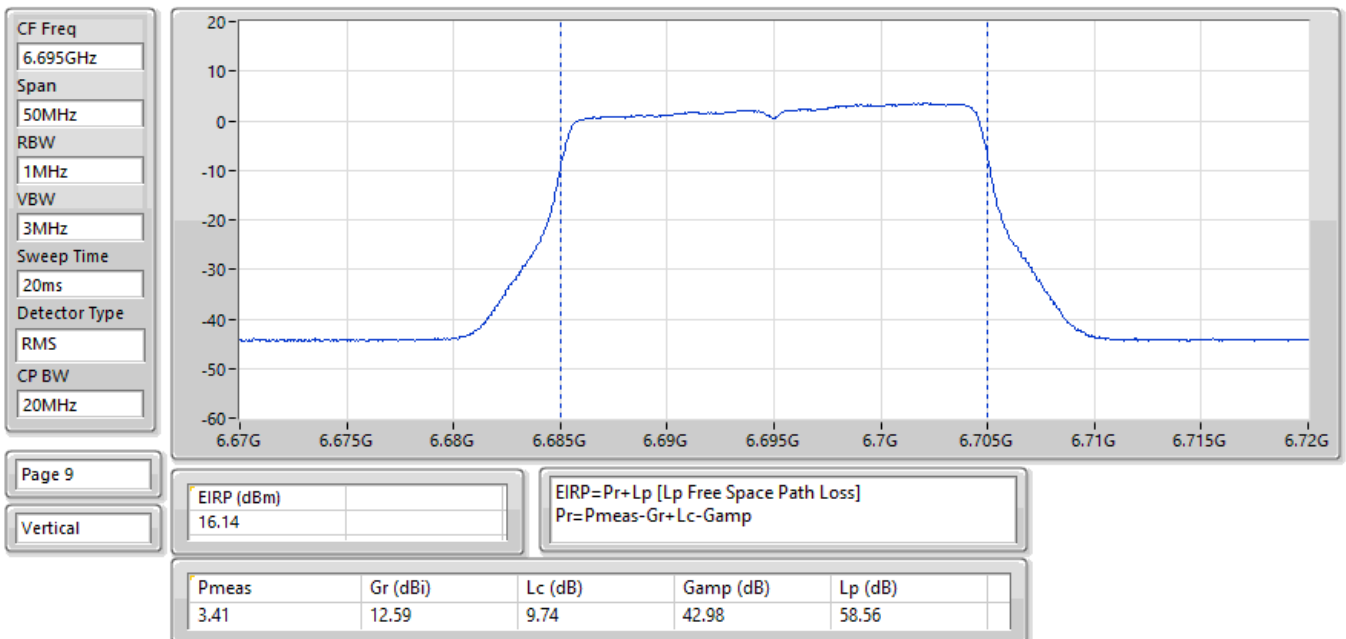
22/04/2026

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



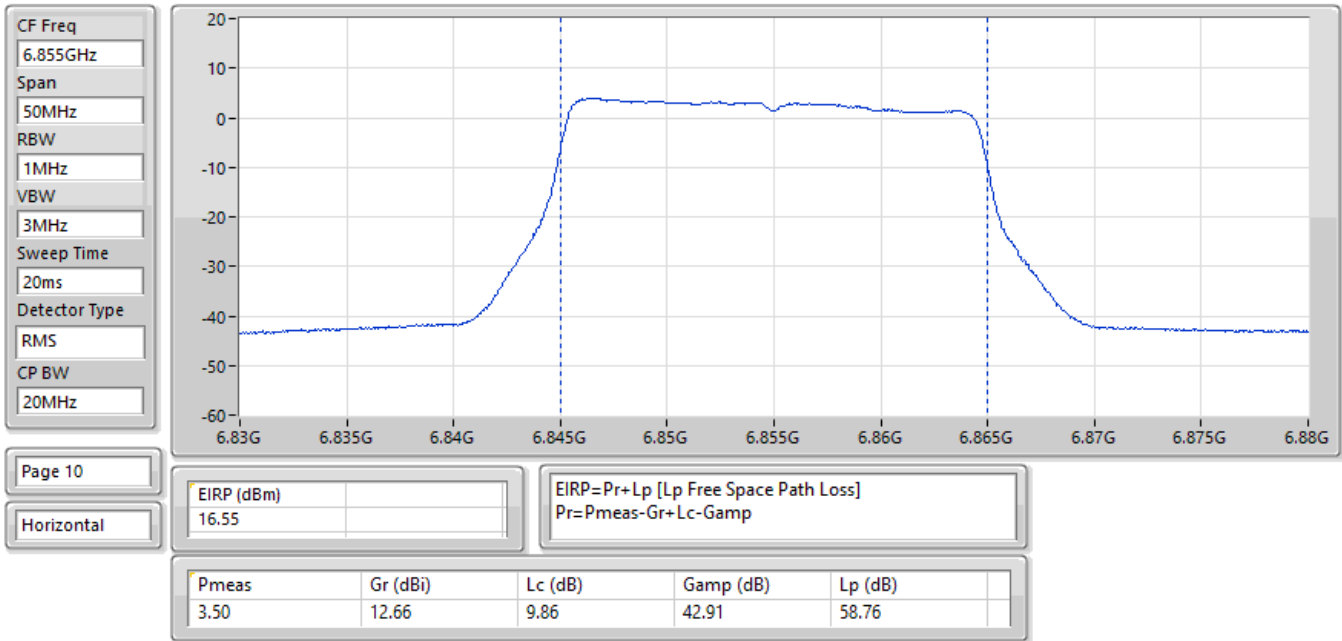
22/04/2026

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



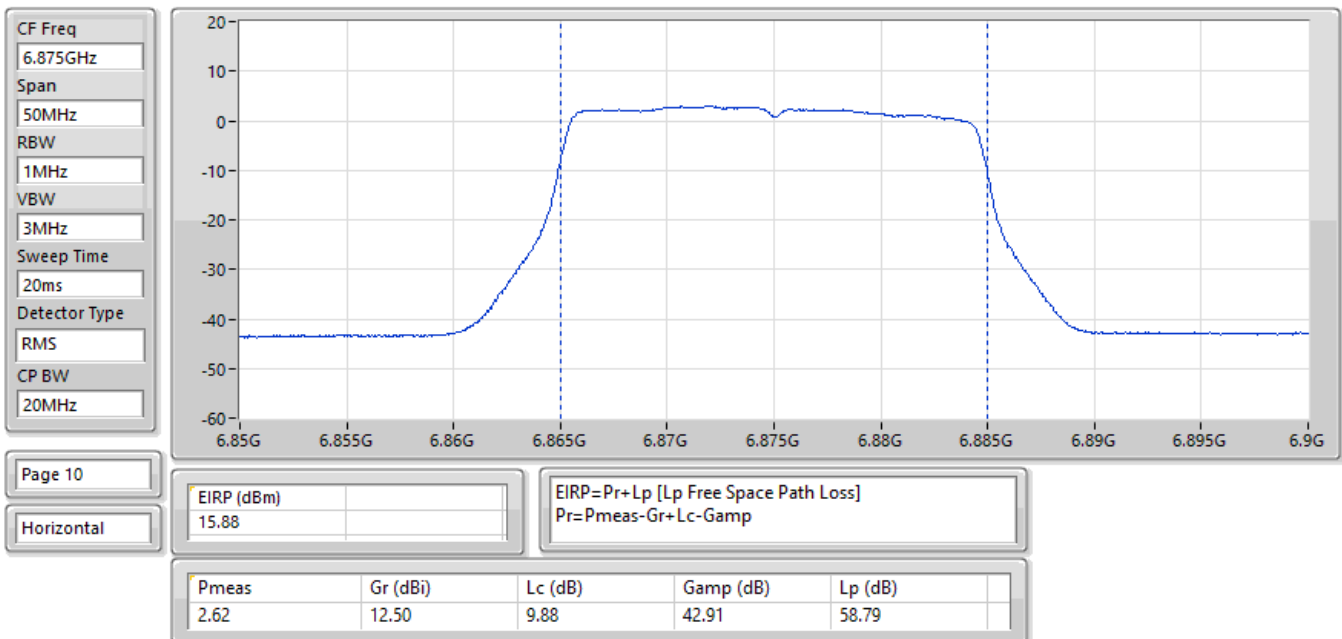
22/04/2026

EIRP:Band:6.7G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6855MHz;TX



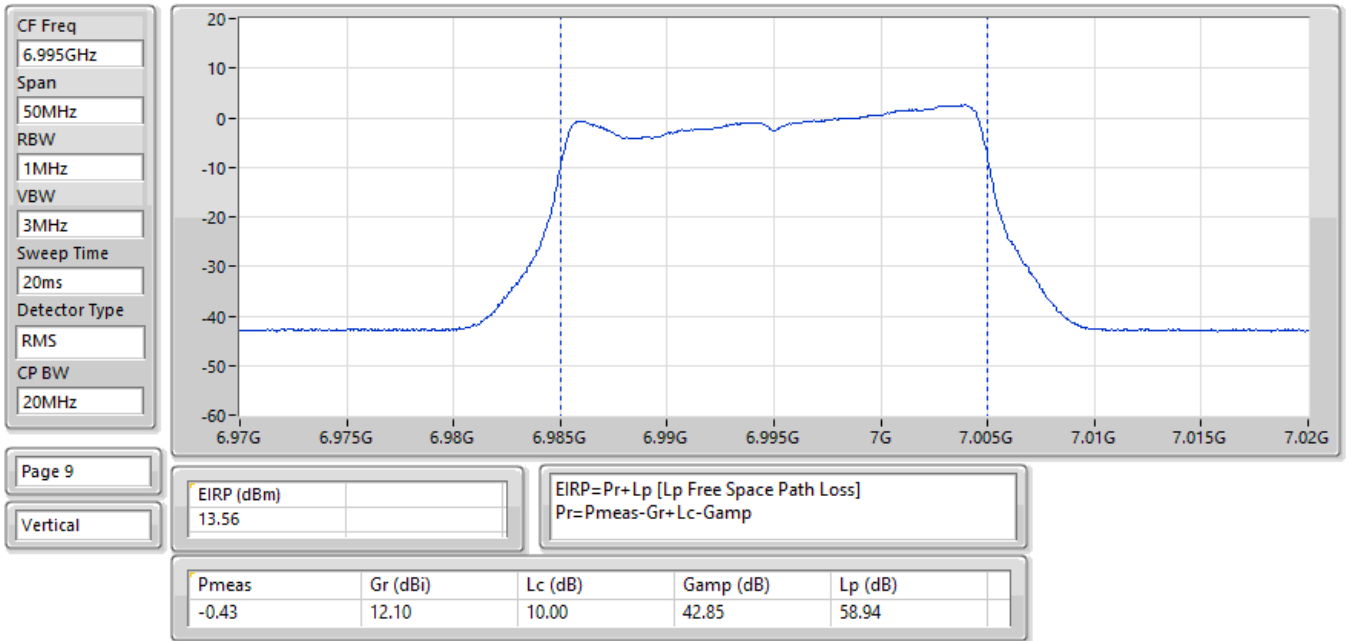
22/04/2026

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



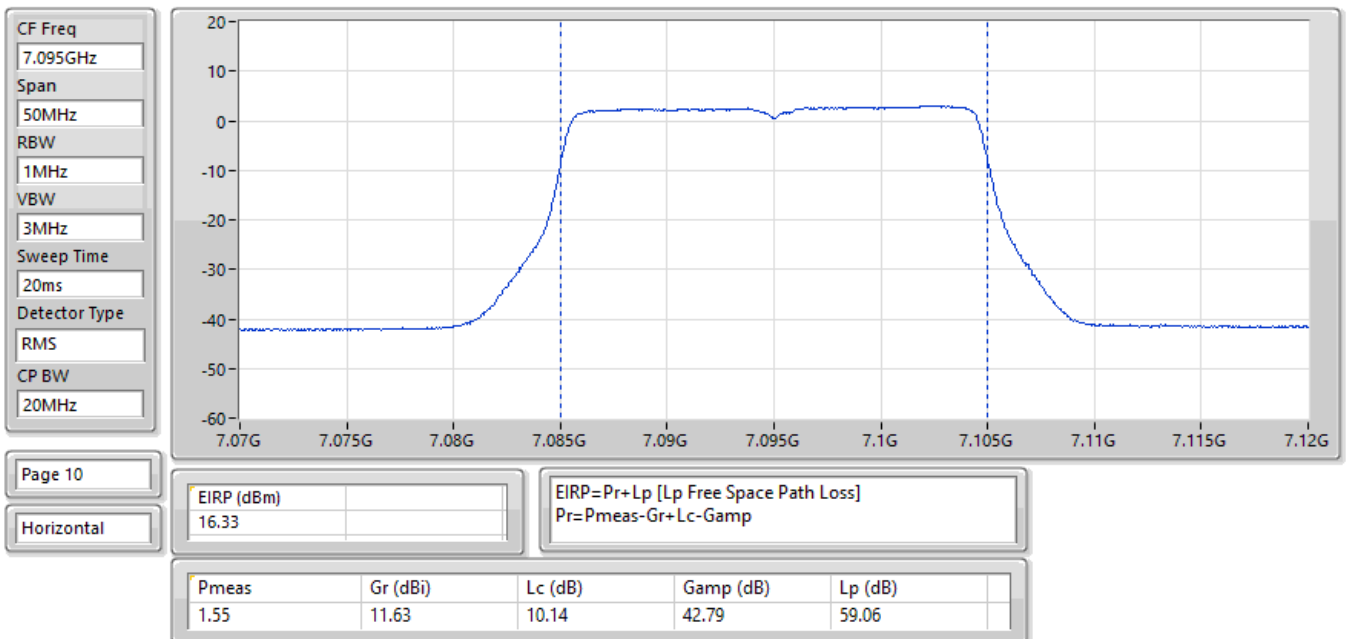
22/04/2026

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



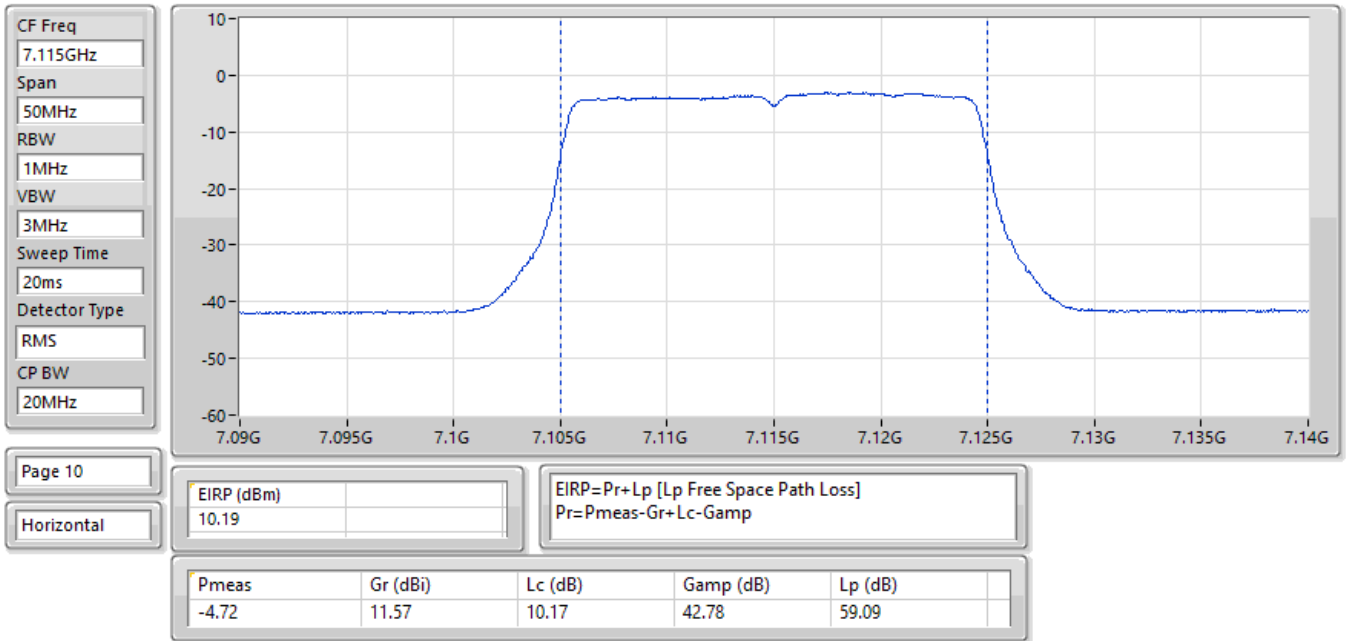
22/04/2026

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



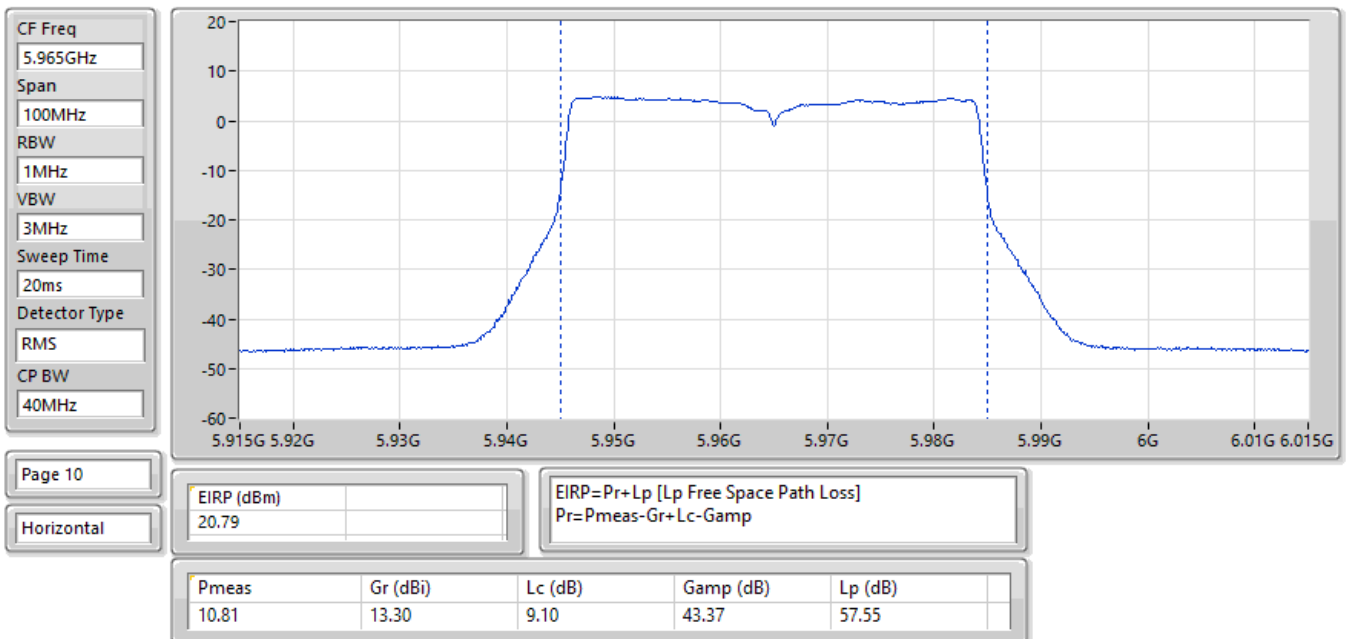
22/04/2026

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



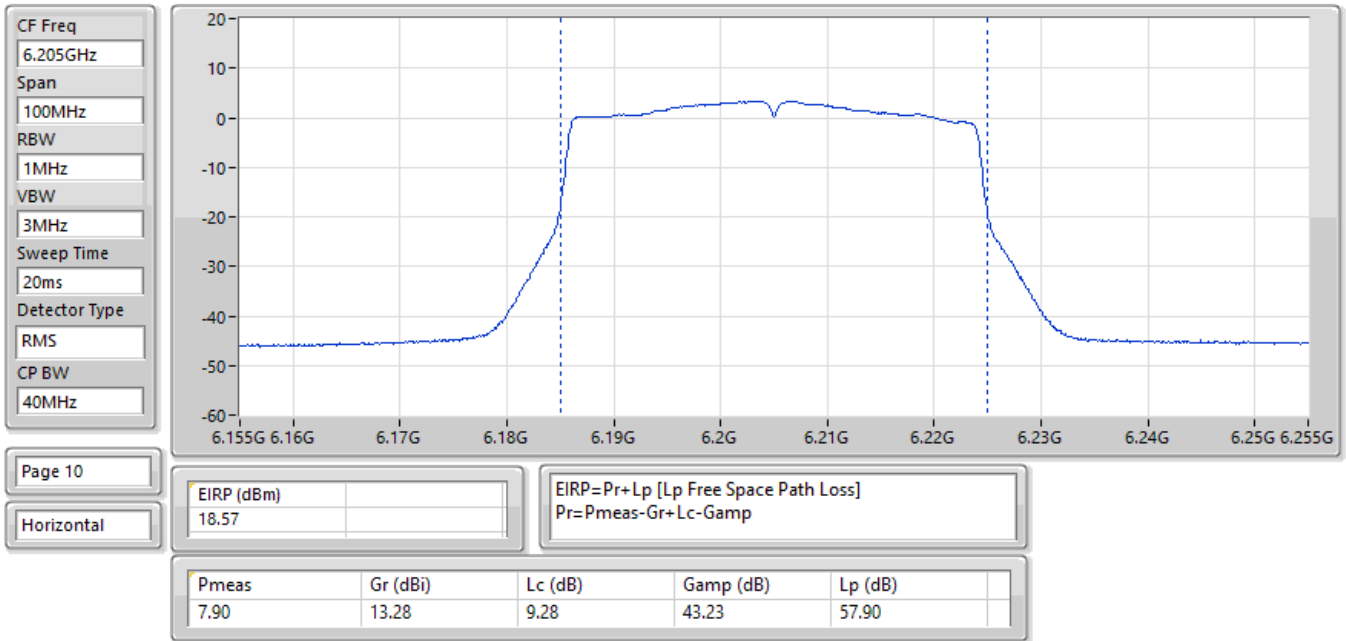
23/04/2026

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



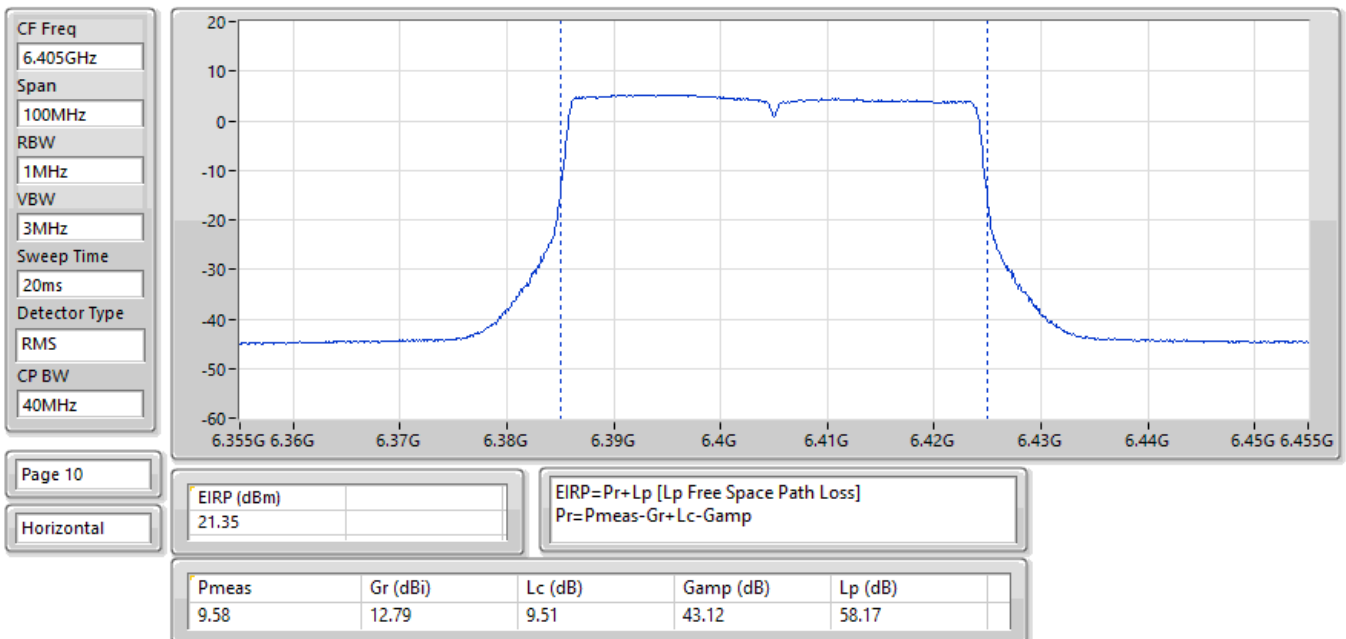
23/04/2026

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



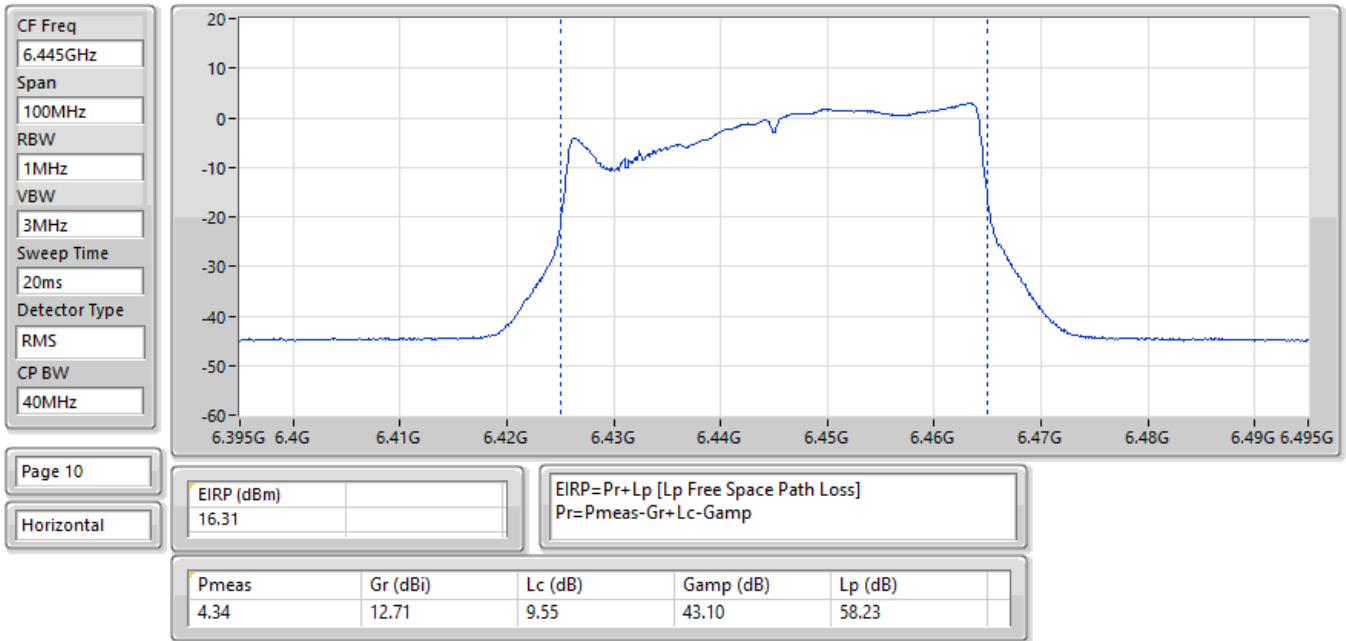
23/04/2026

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



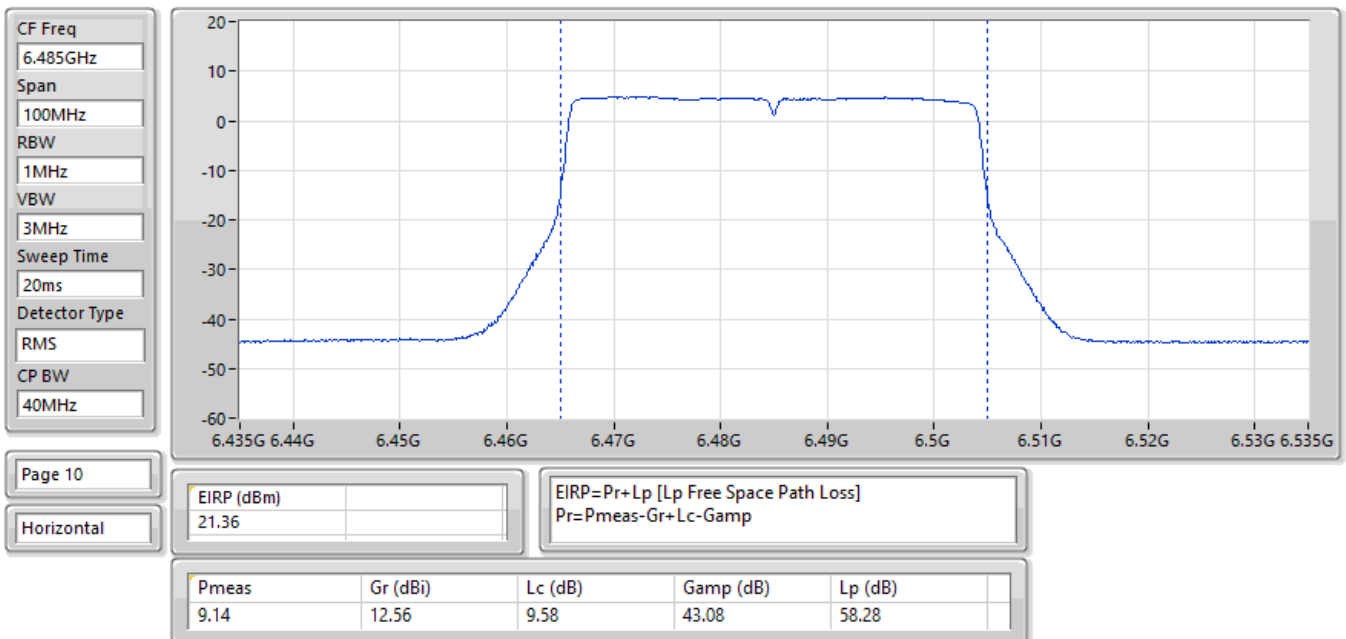
22/04/2026

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



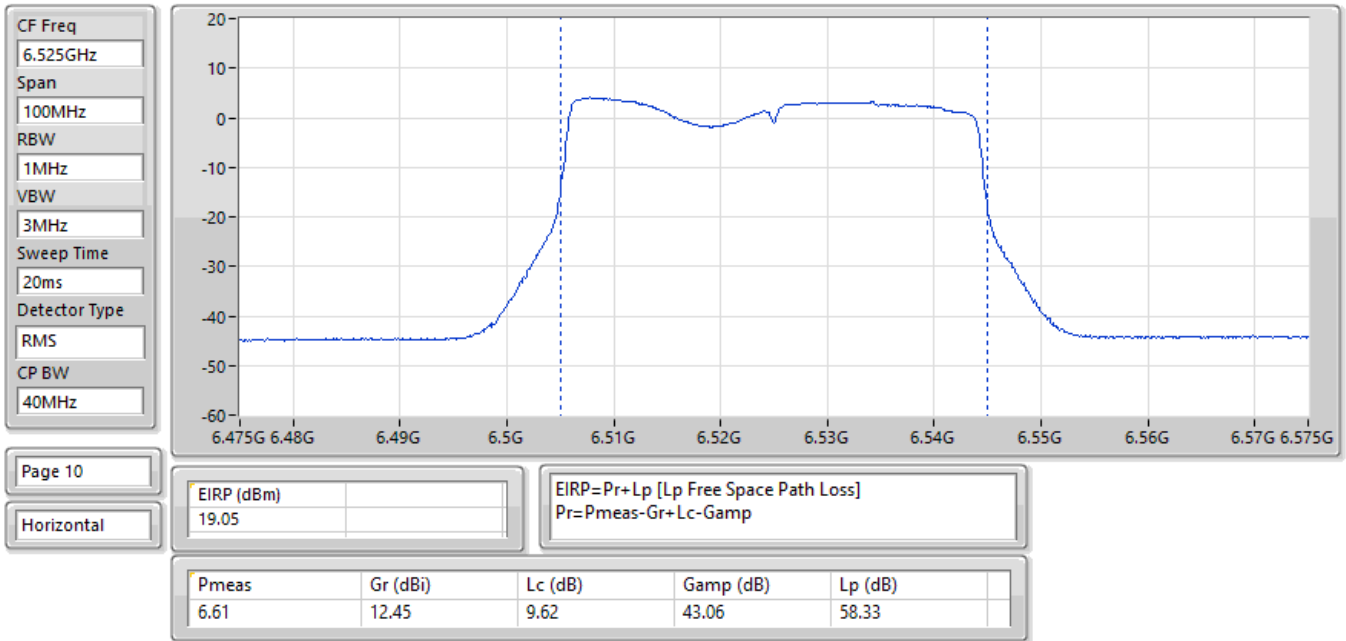
23/04/2026

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



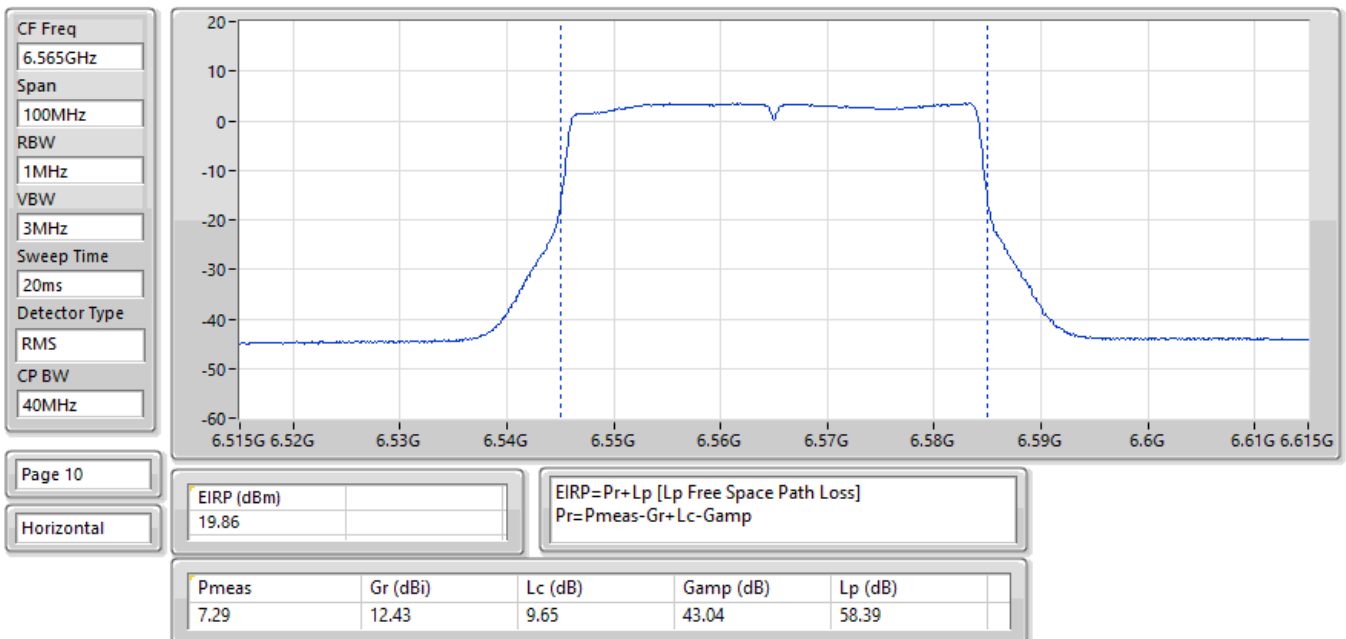
23/04/2026

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



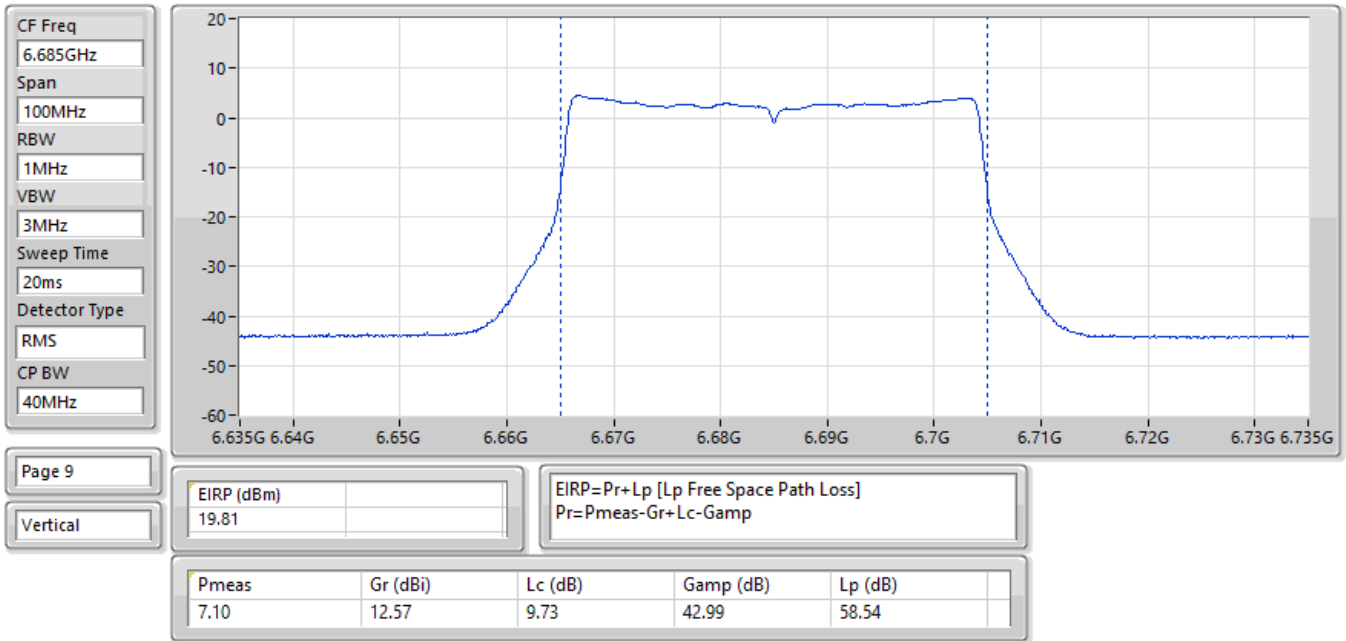
23/04/2026

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



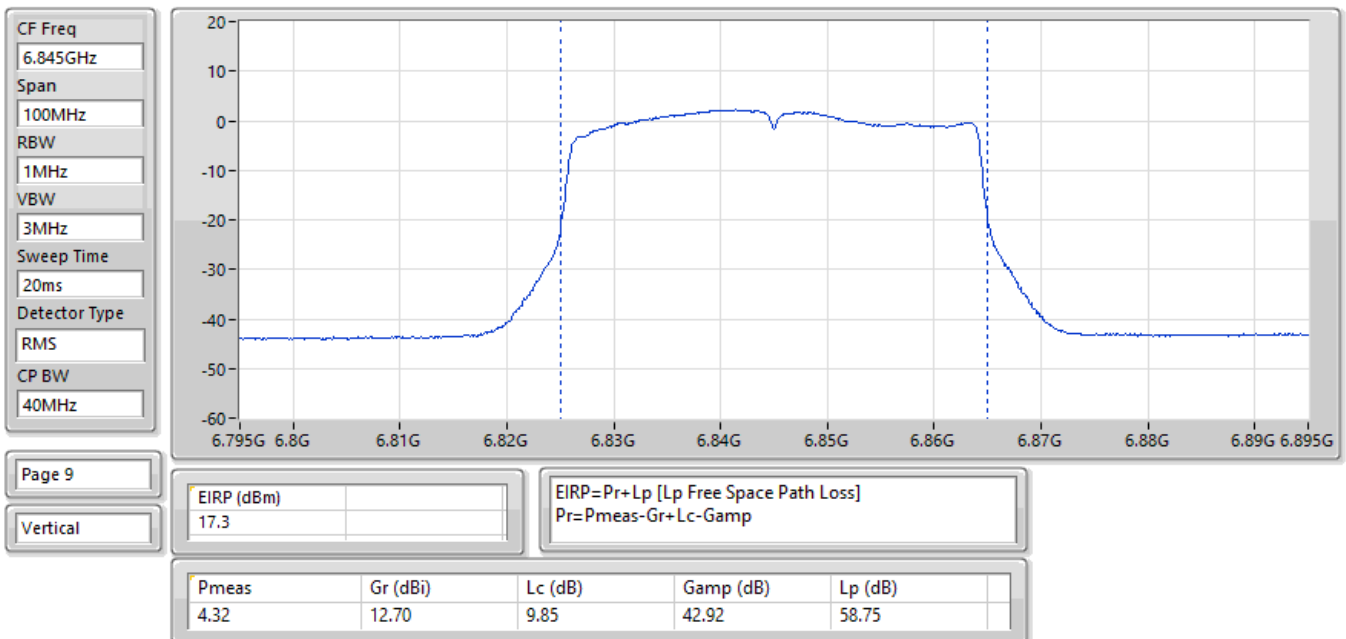
23/04/2026

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



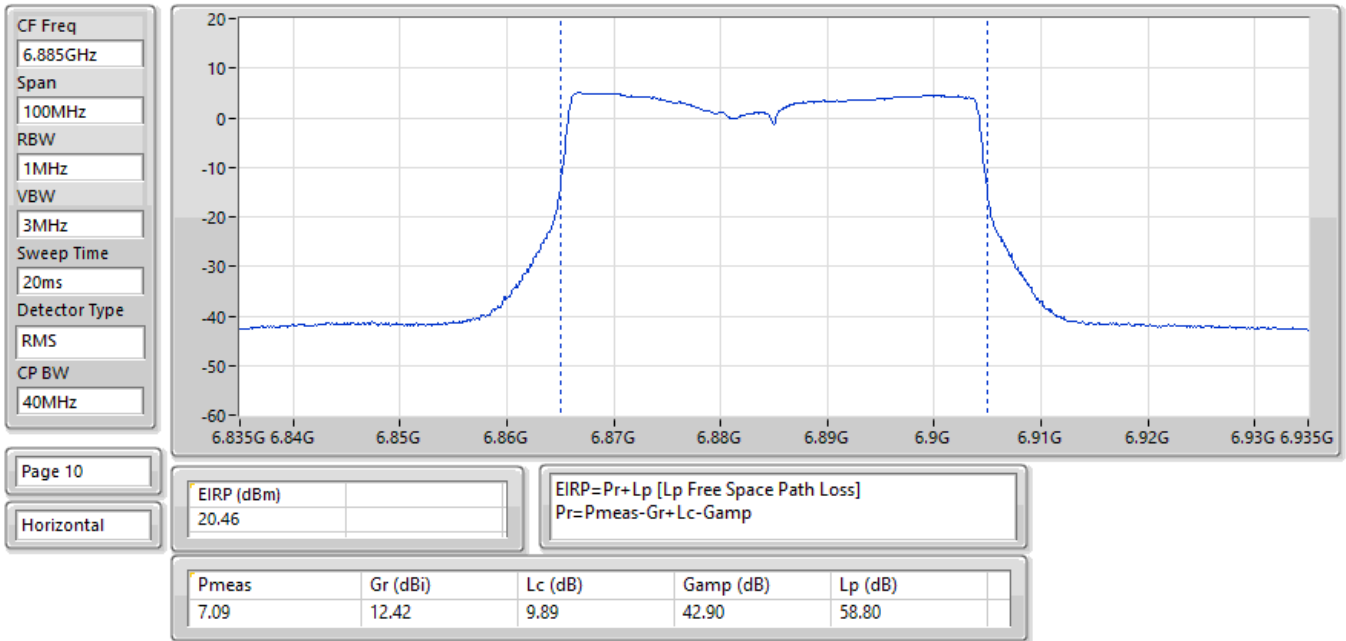
23/04/2026

EIRP:Band:6.7G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6845MHz;TX



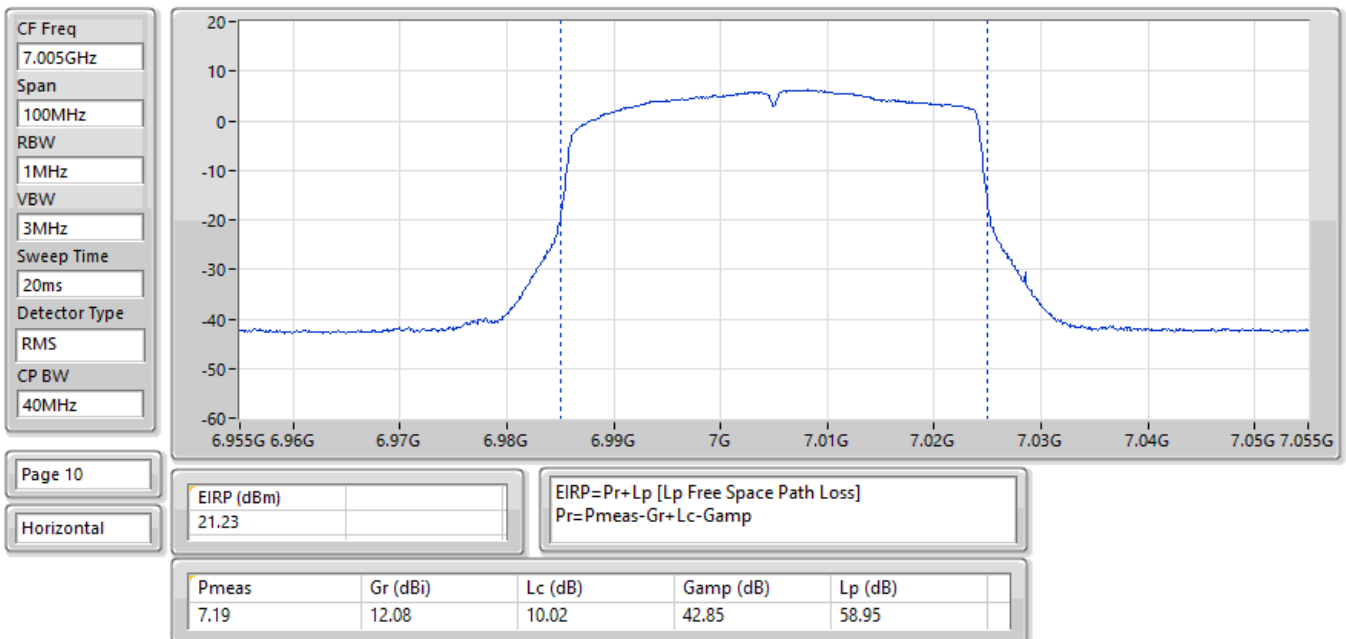
23/04/2026

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



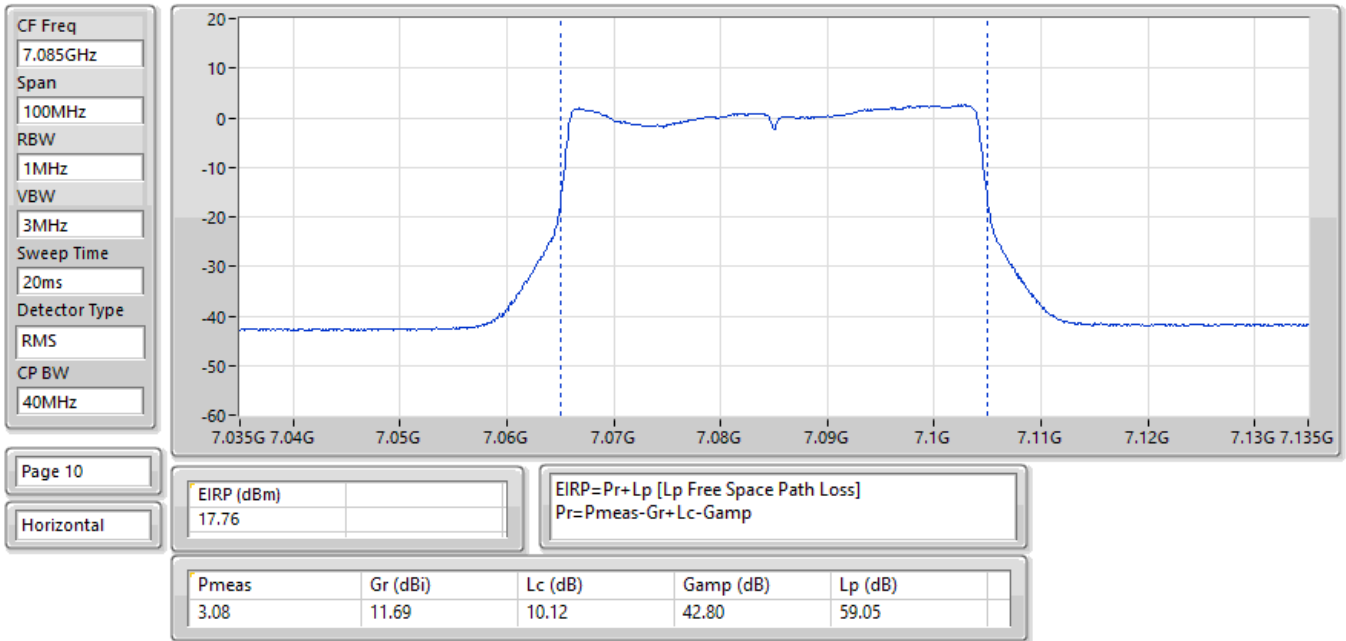
23/04/2026

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



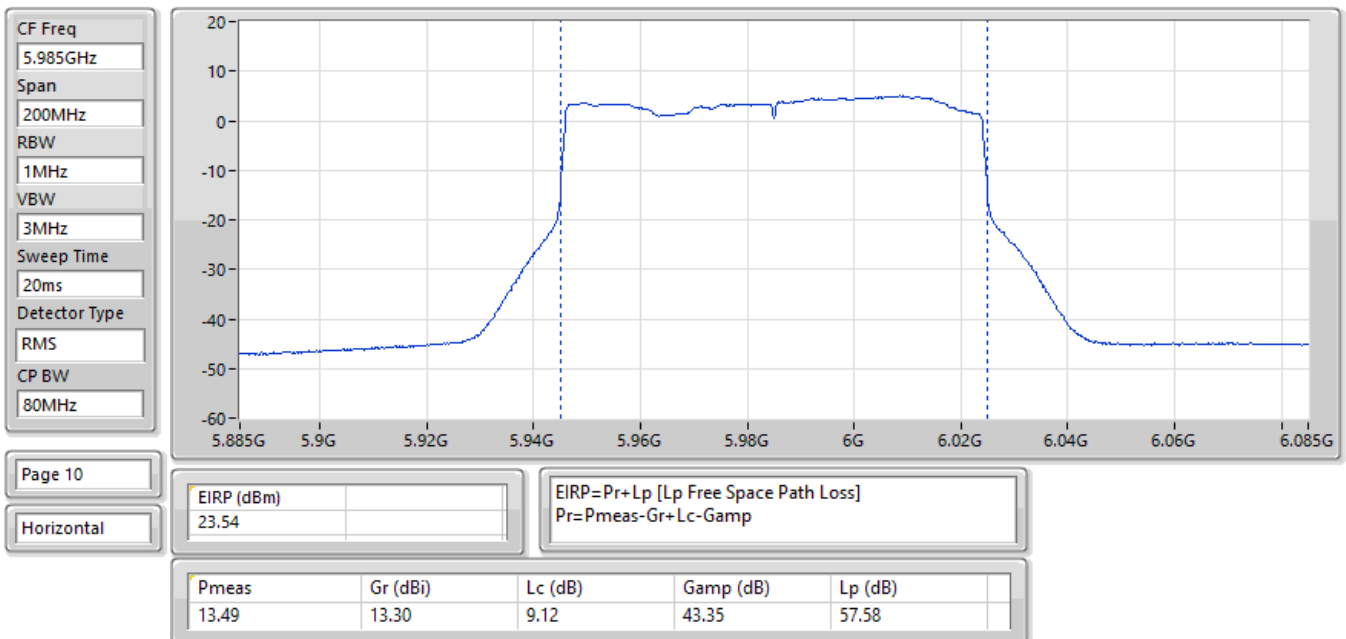
23/04/2026

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



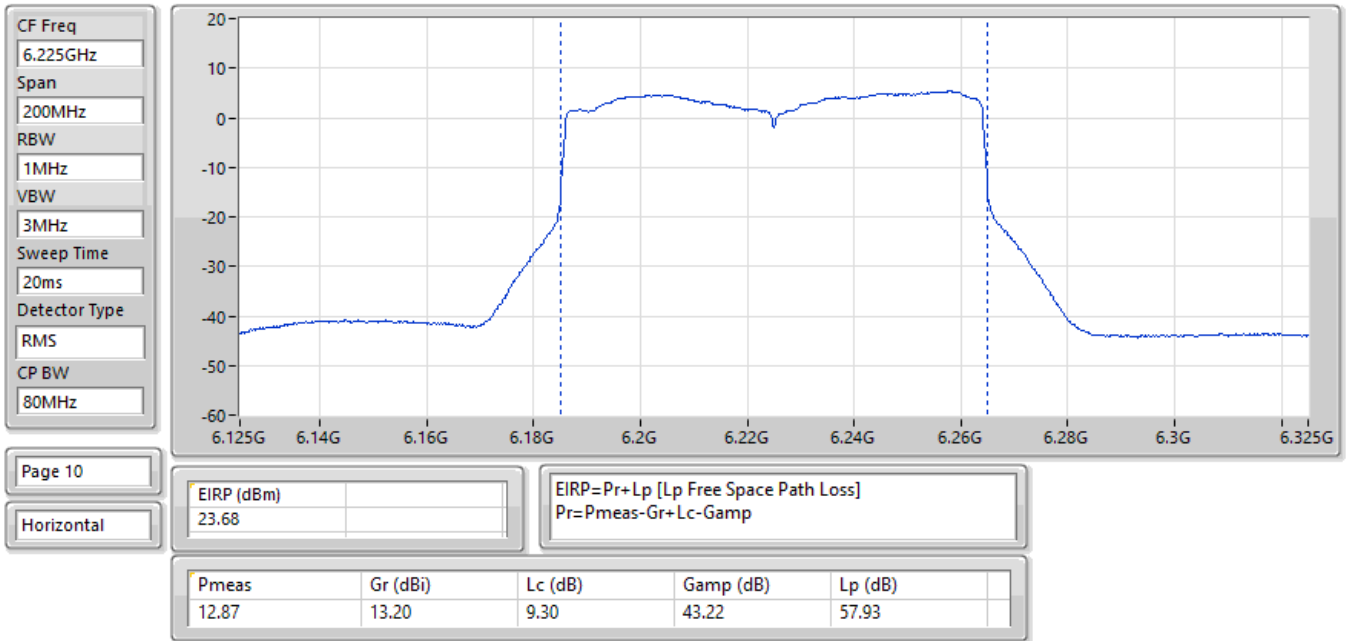
08/04/2026

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



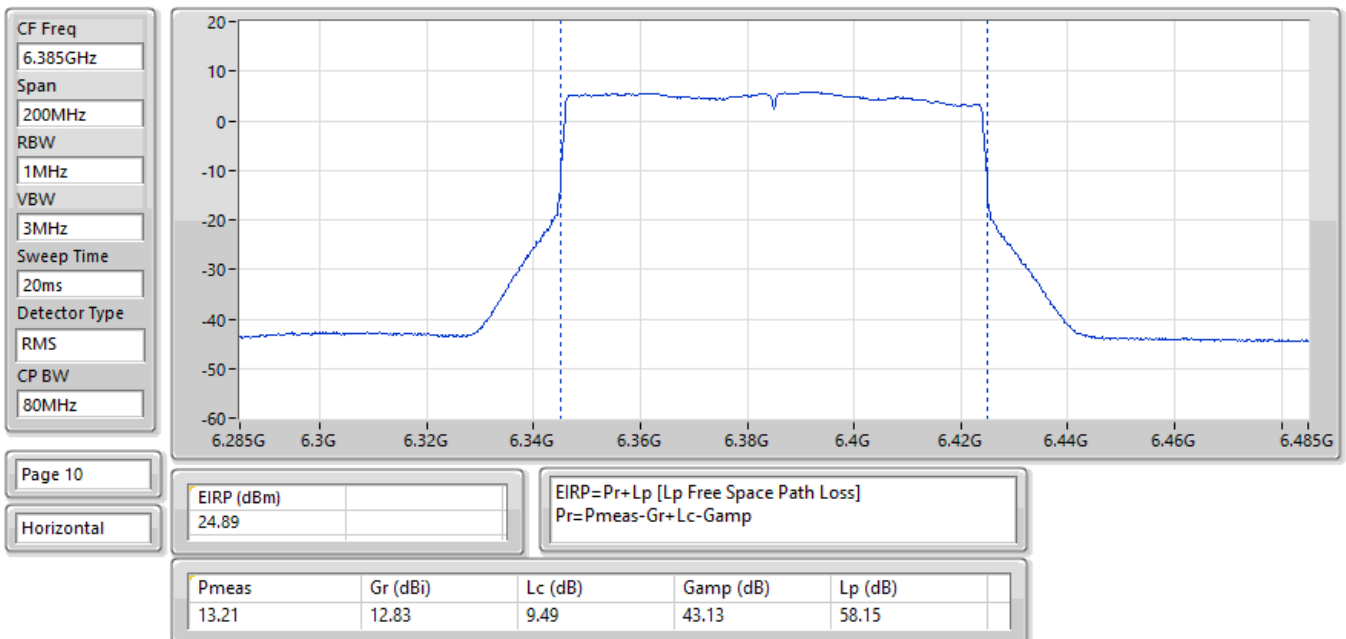
20/04/2026

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



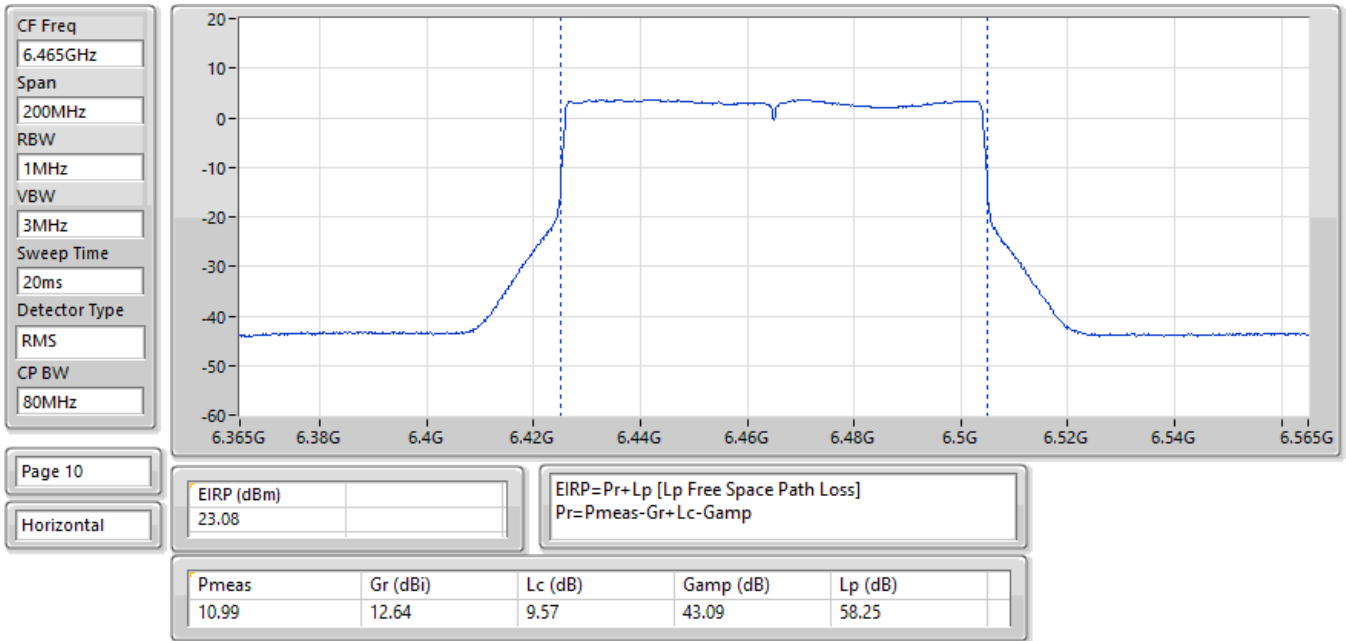
23/04/2026

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



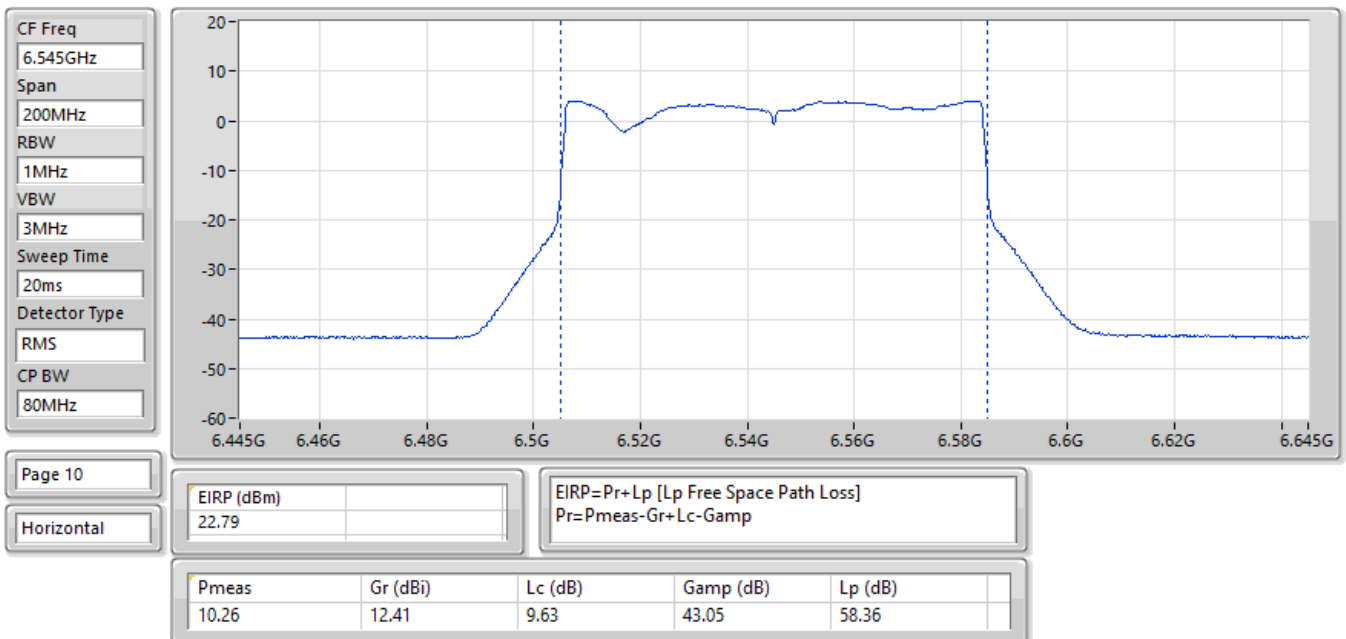
23/04/2026

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



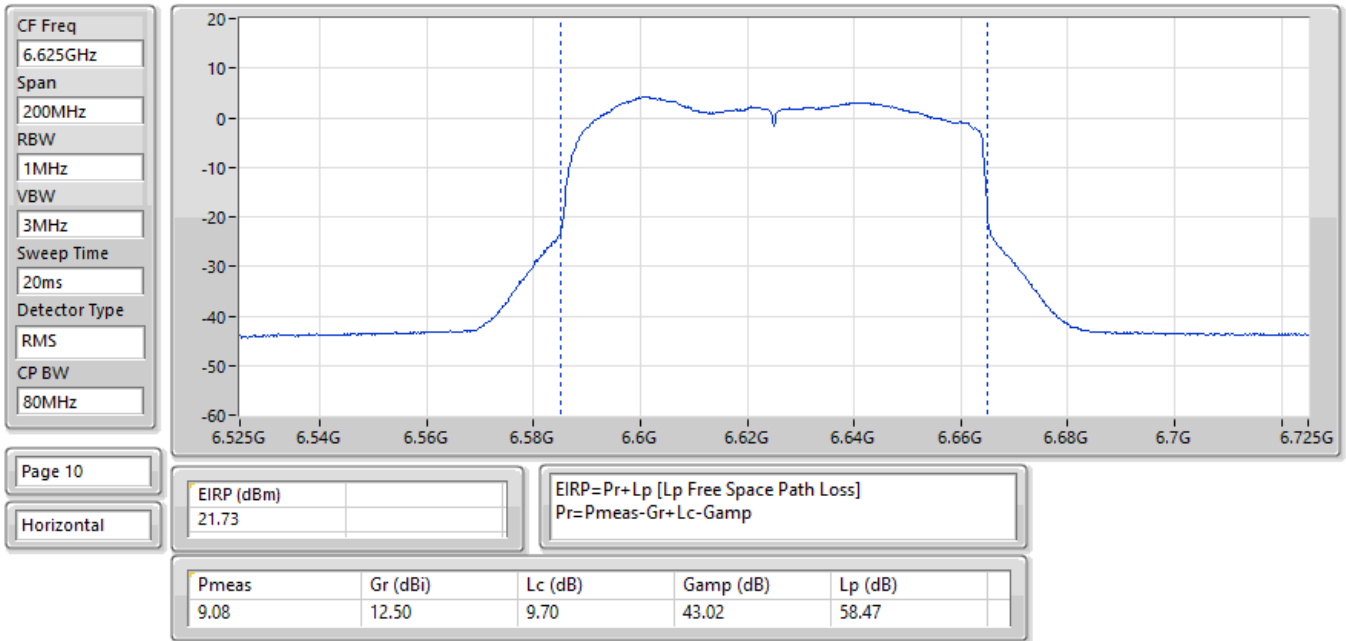
23/04/2026

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



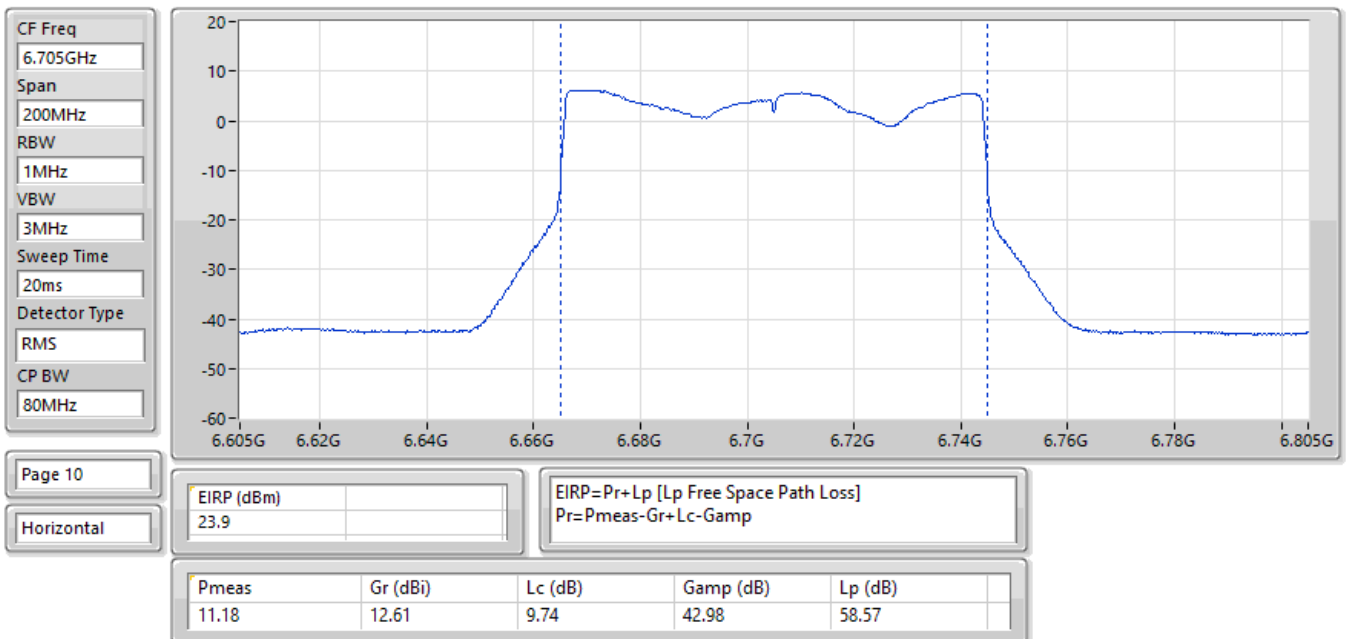
23/04/2026

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



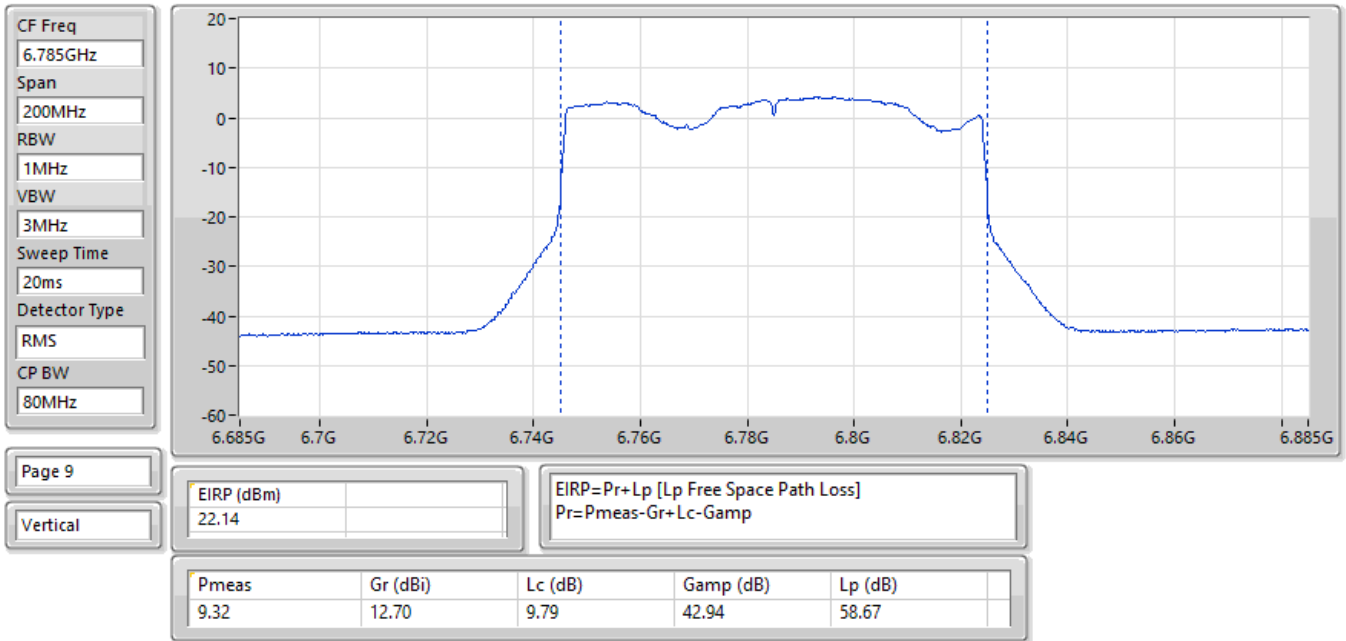
23/04/2026

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



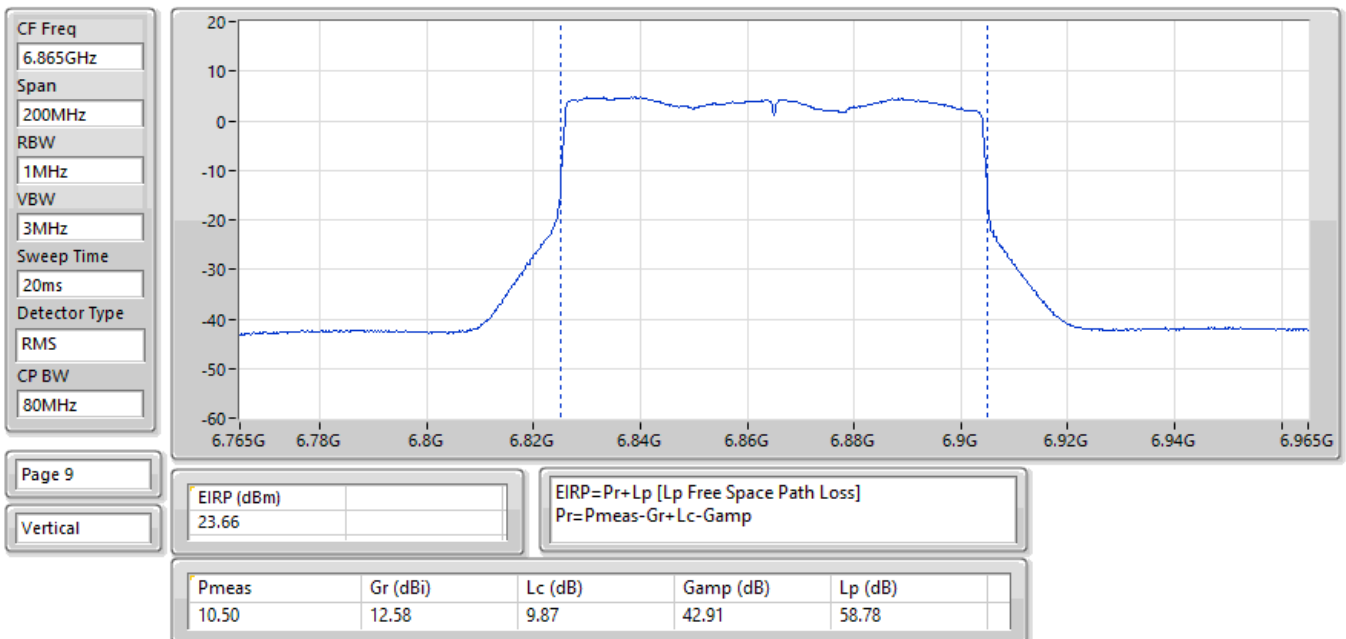
23/04/2026

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



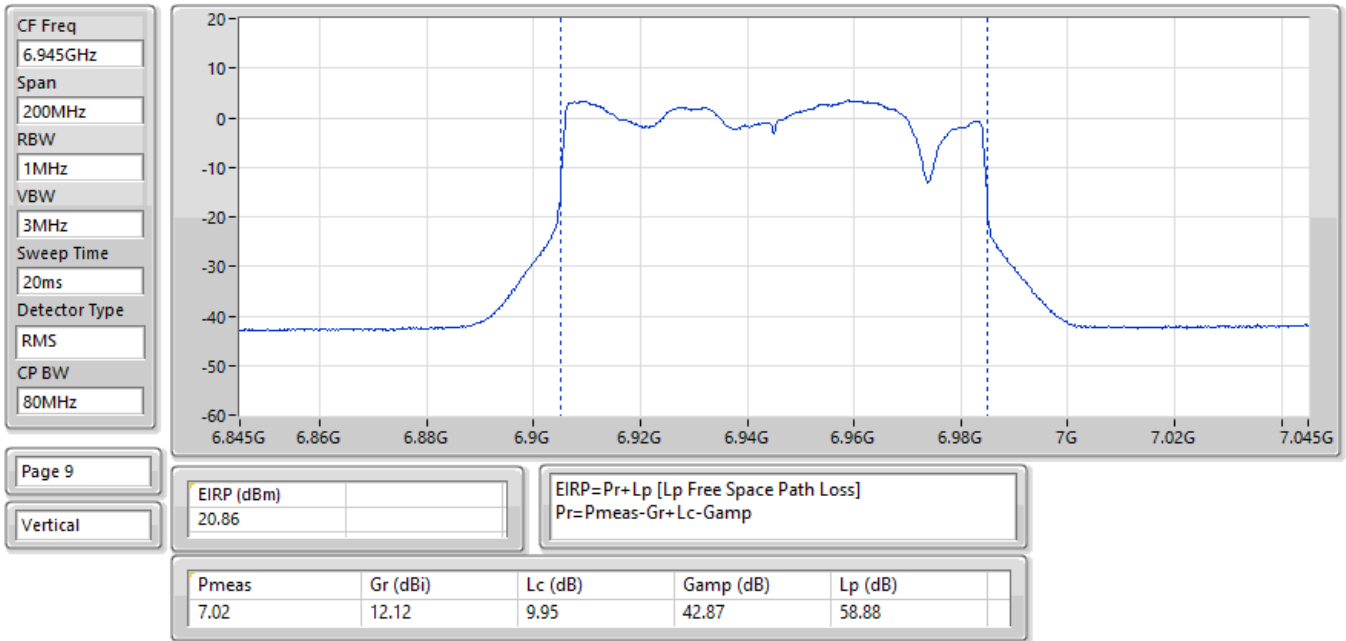
23/04/2026

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



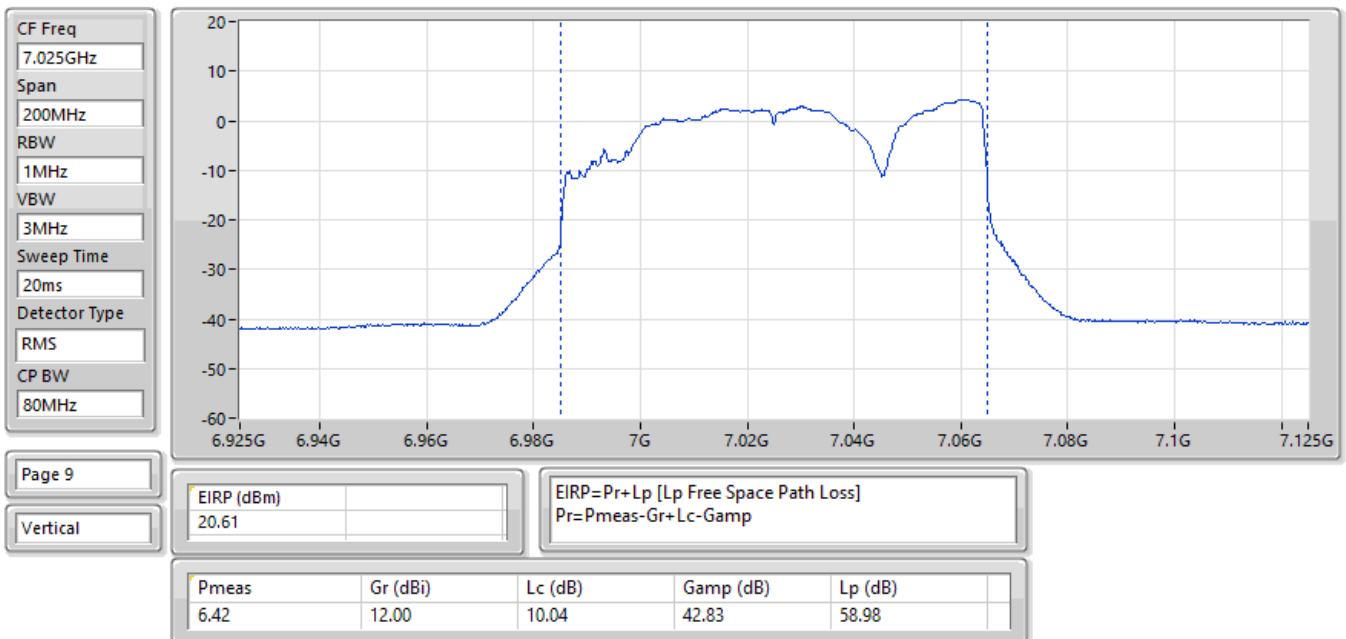
23/04/2026

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



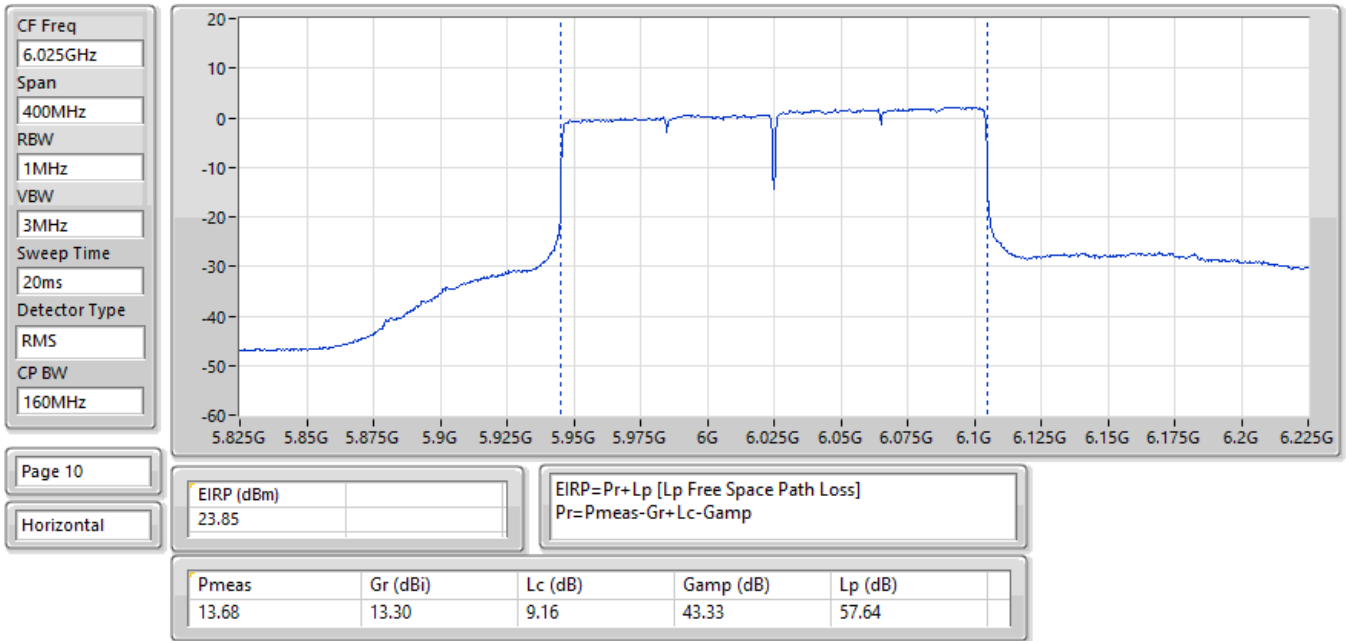
23/04/2026

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



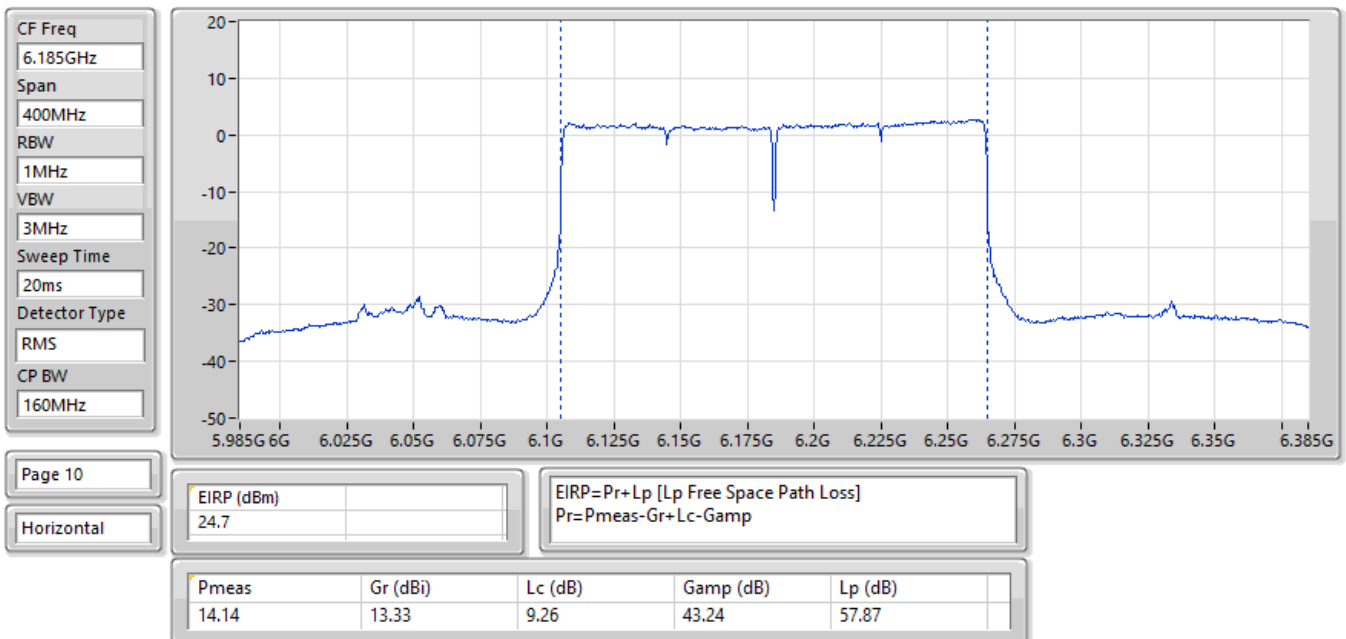
23/04/2026

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



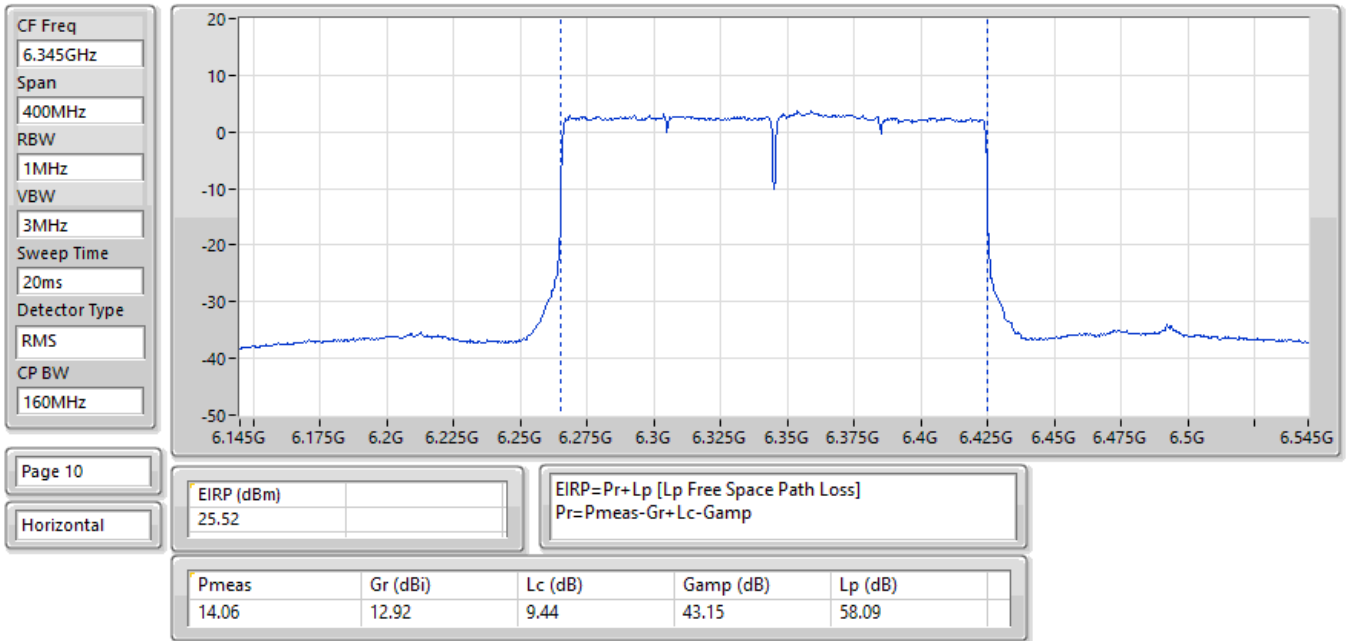
23/04/2026

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



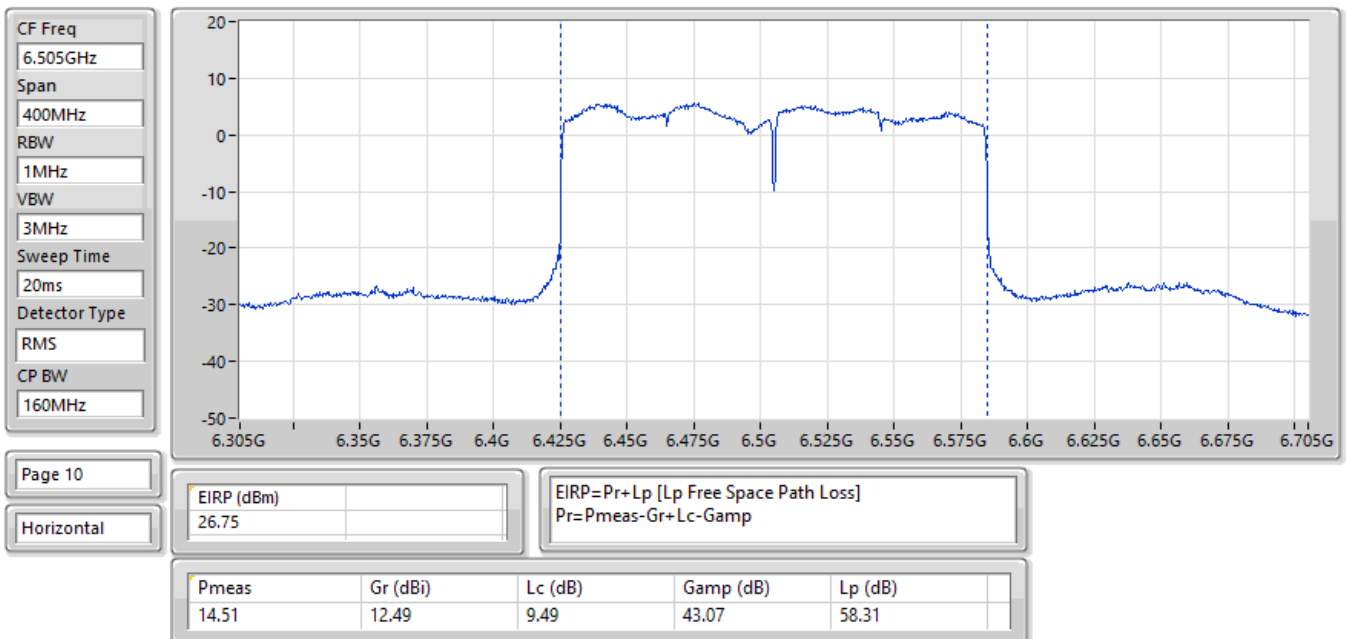
23/04/2026

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



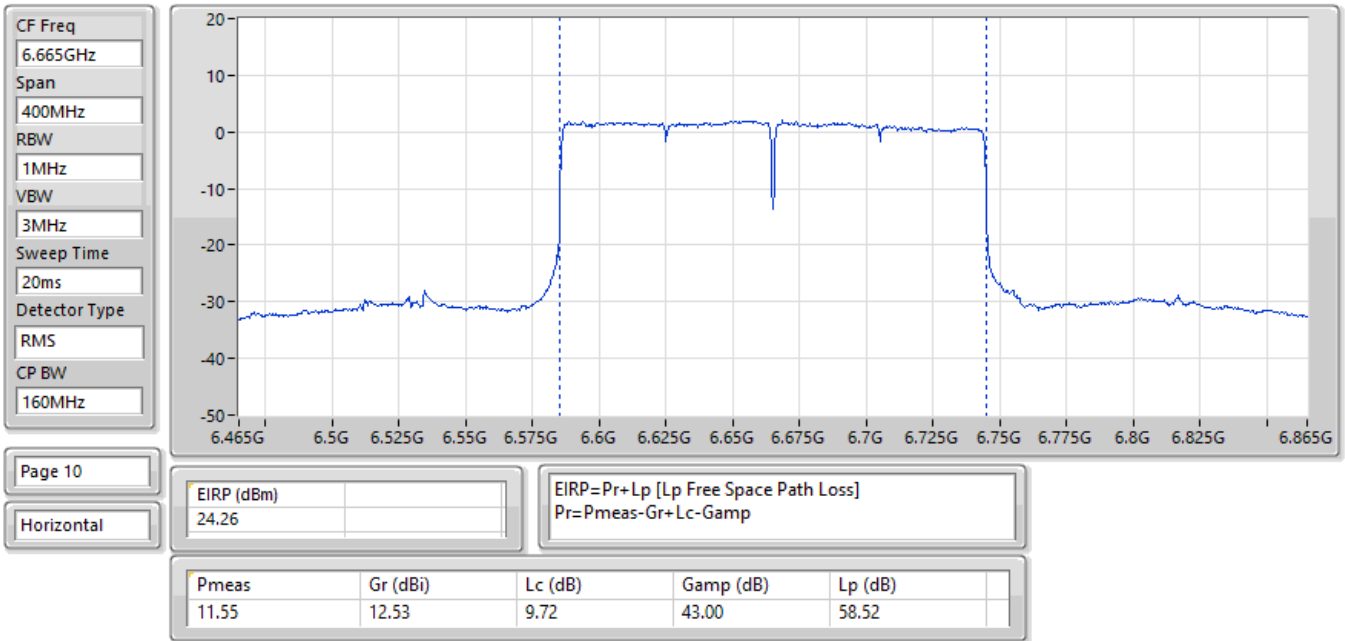
24/04/2026

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



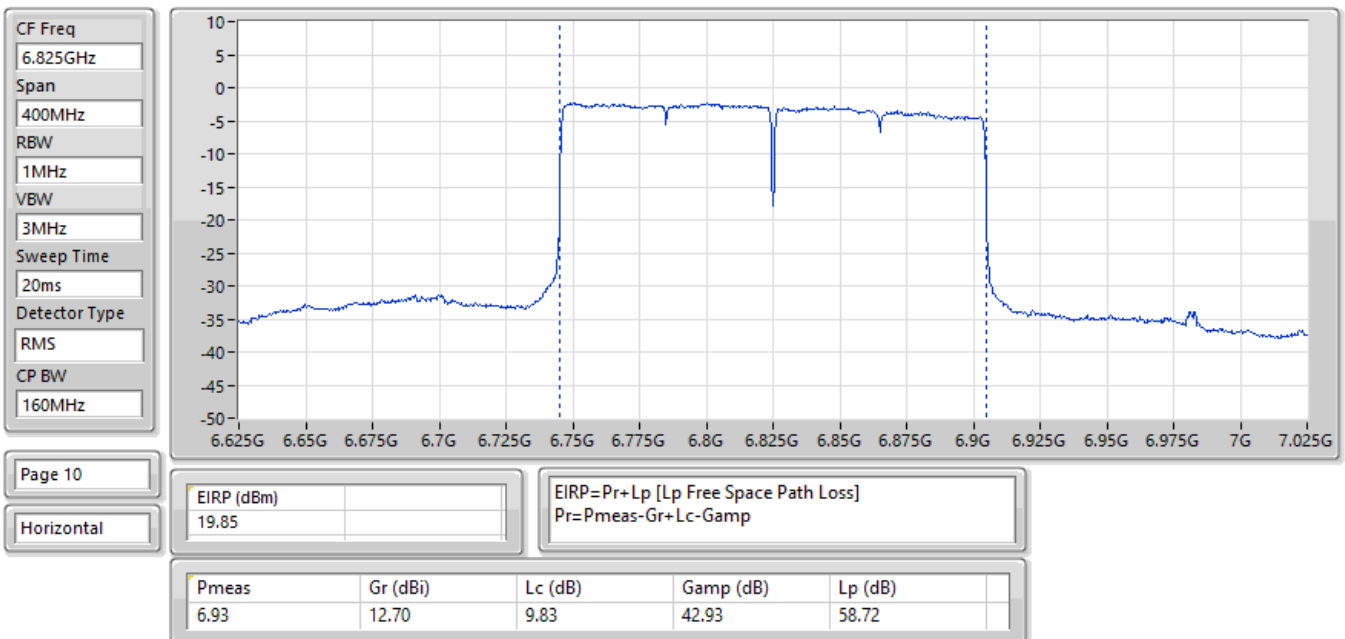
24/04/2026

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



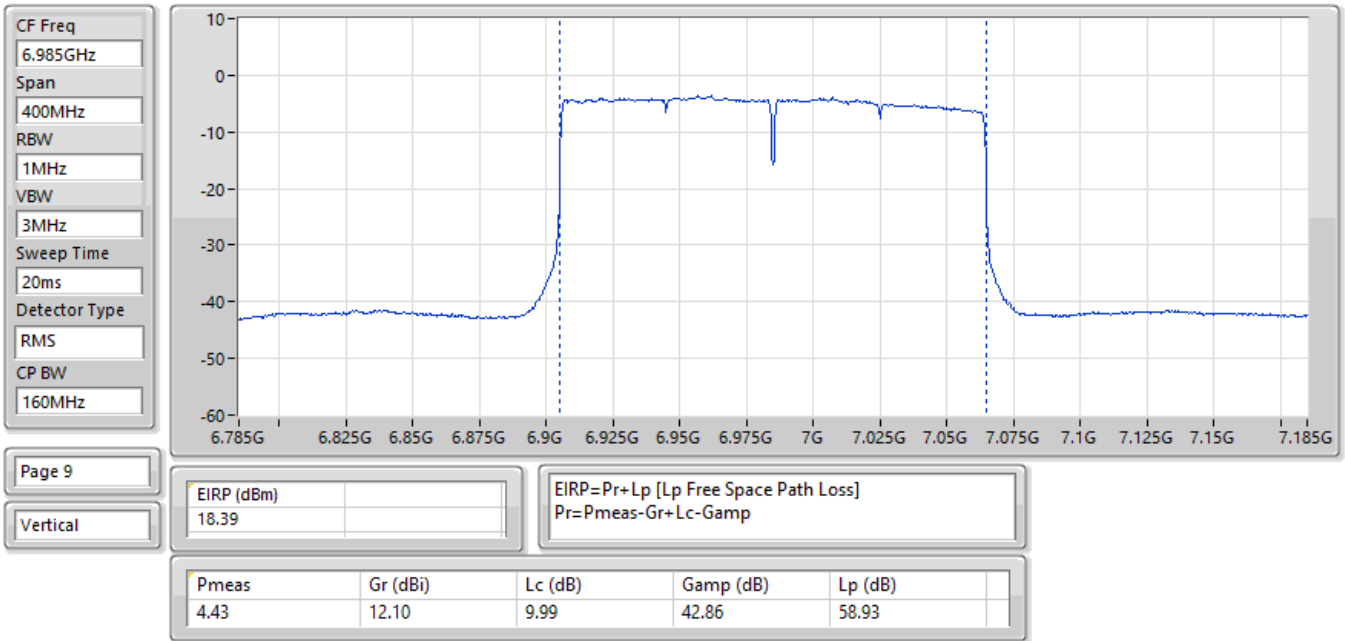
24/04/2026

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



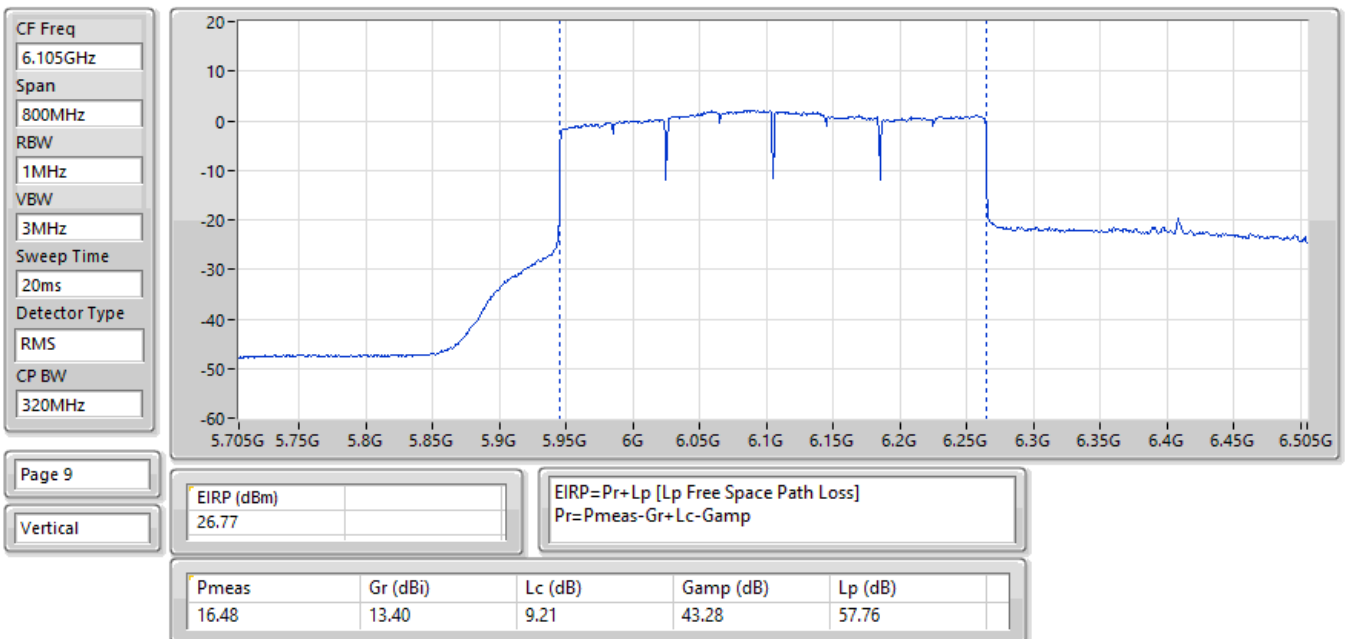
24/04/2026

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



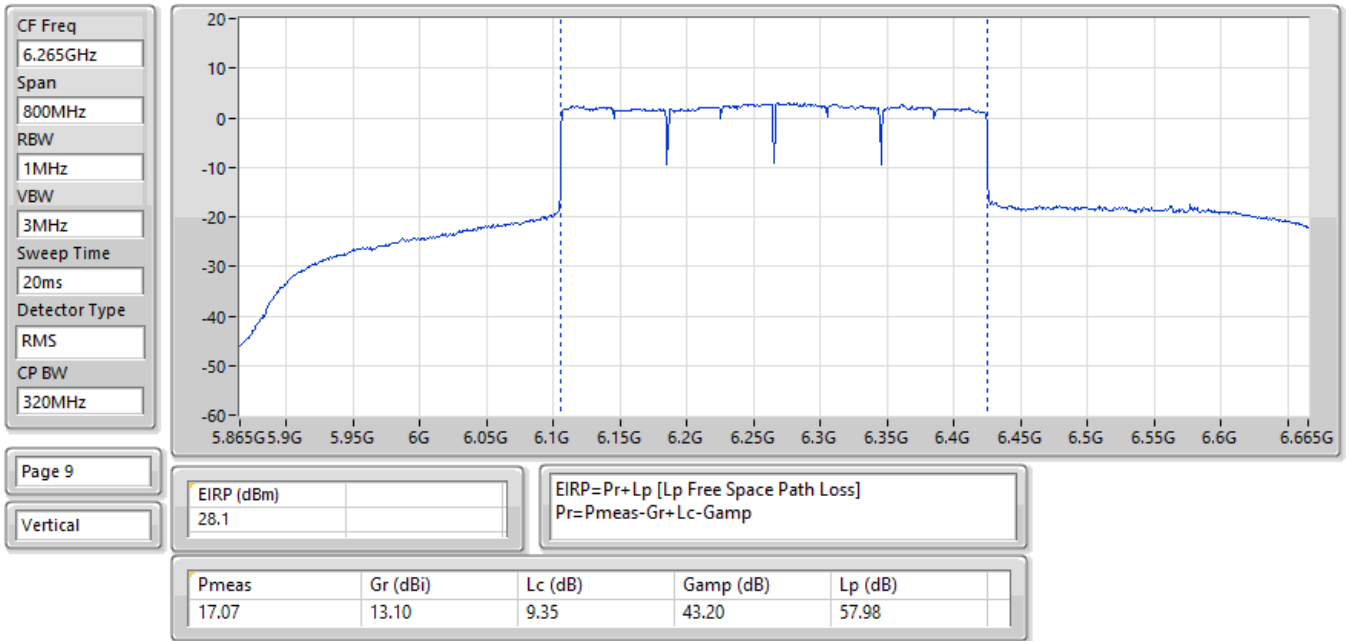
24/04/2026

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



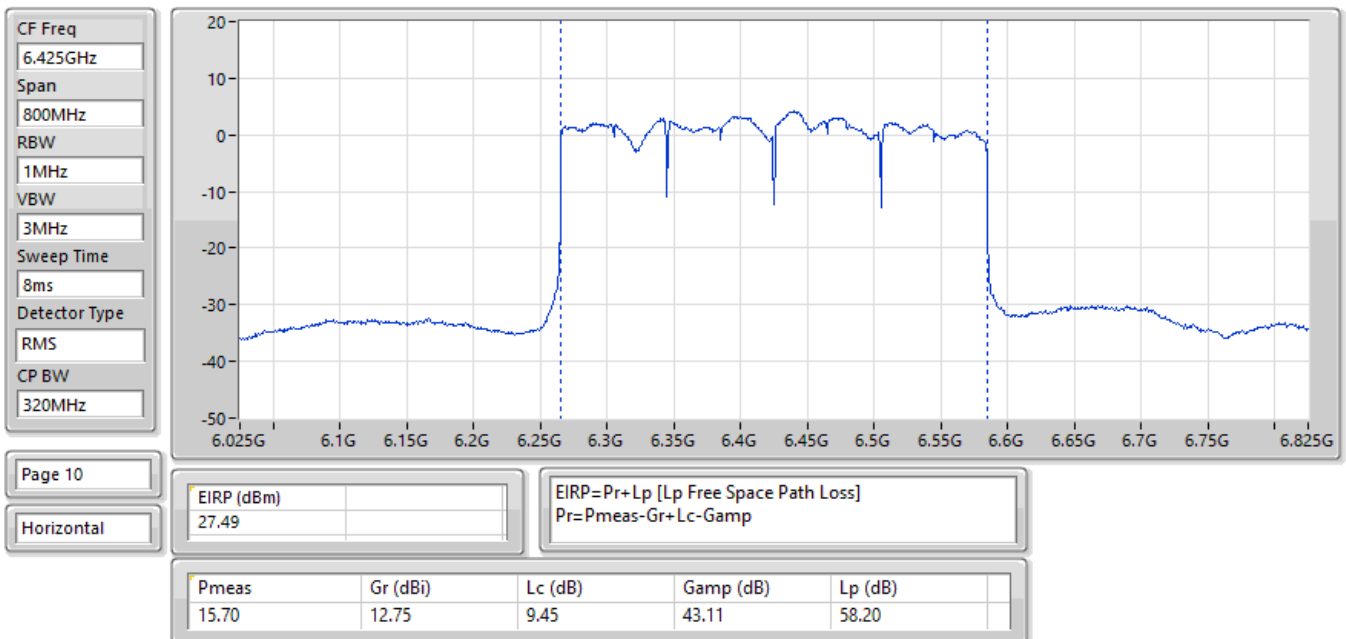
24/04/2026

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



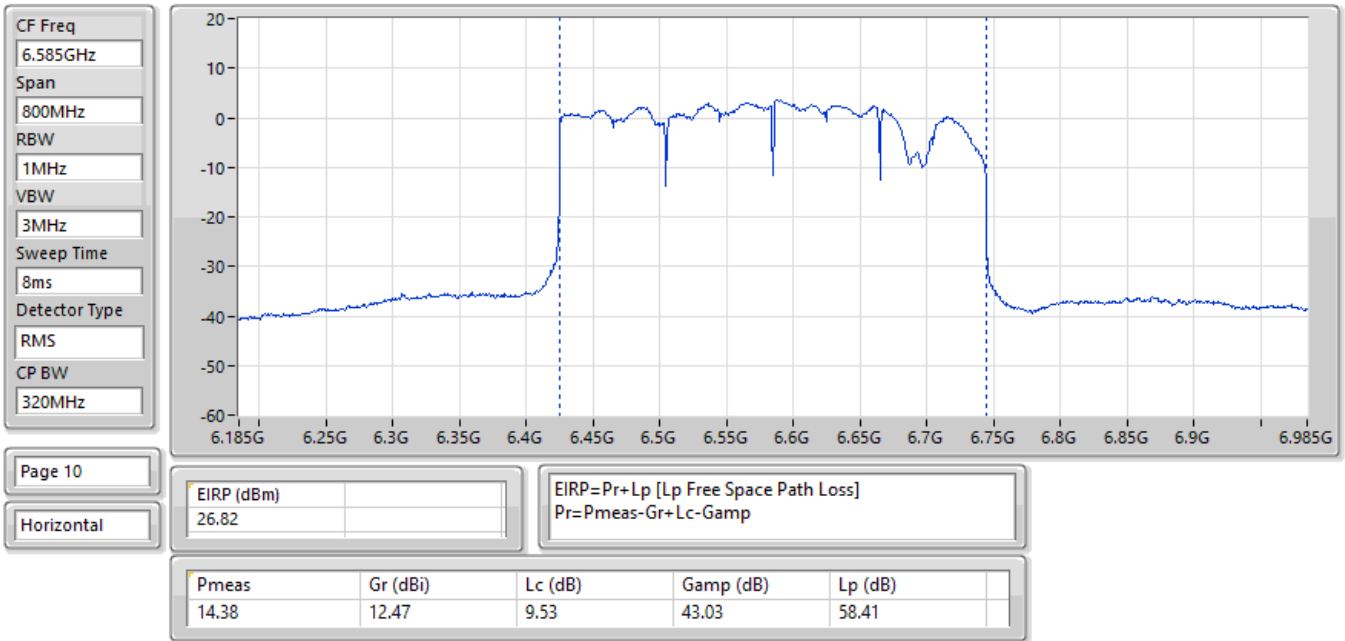
24/04/2026

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



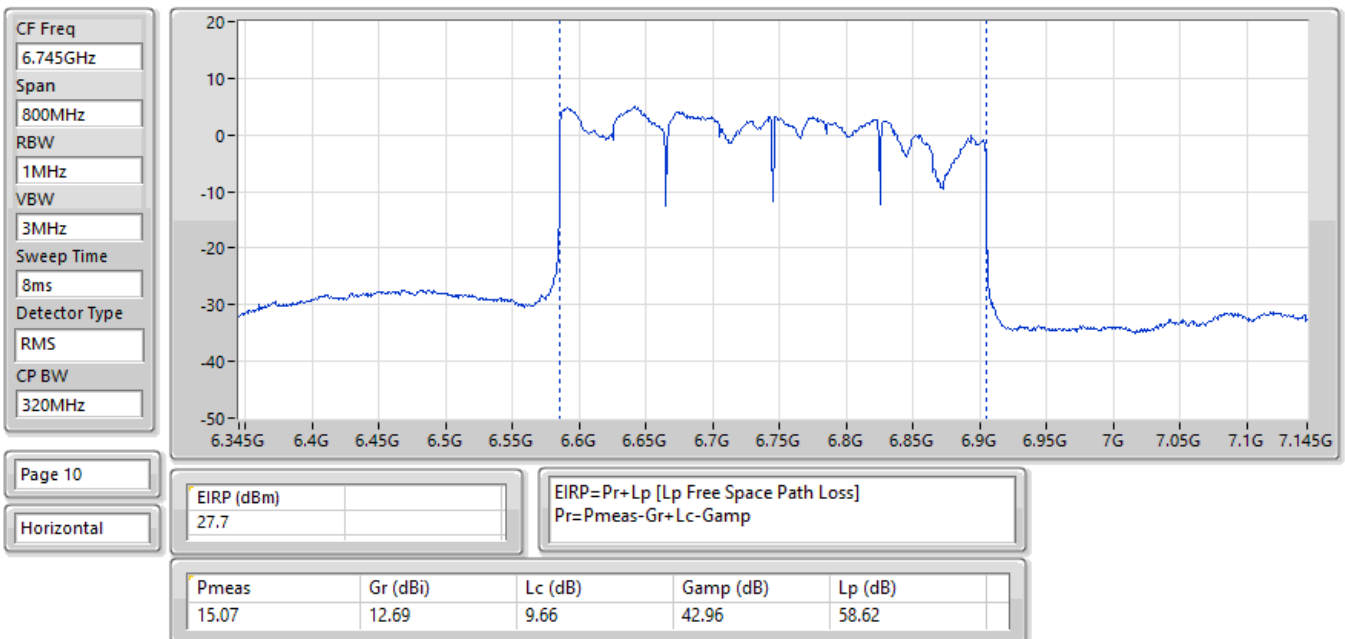
24/04/2026

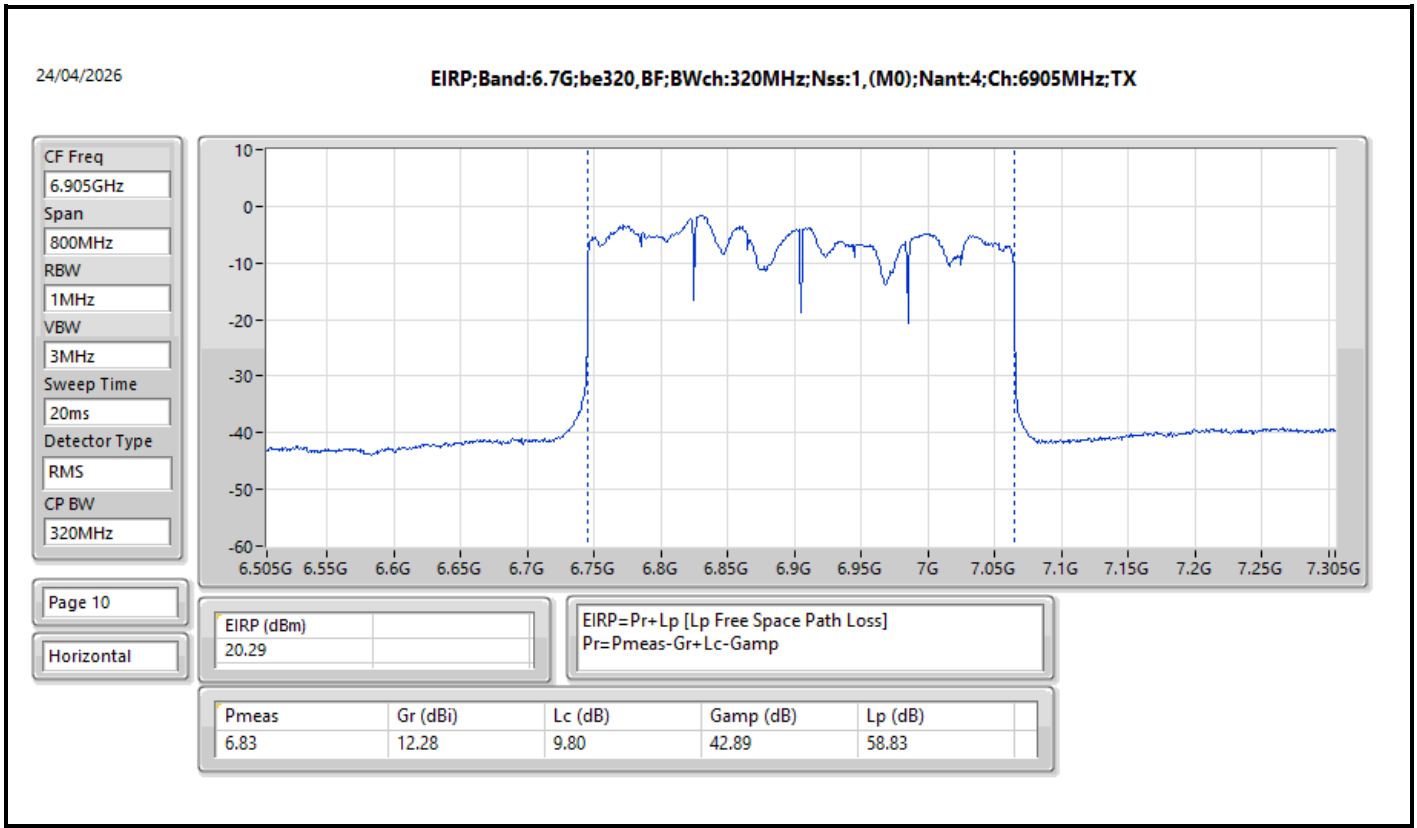
EIRP;Band:6.4G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6585MHz;TX



20/04/2026

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





Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT20_Nss1,(MCS0)_4TX	4.92
802.11be EHT40_Nss1,(MCS0)_4TX	4.95
802.11be EHT80_Nss1,(MCS0)_4TX	4.88
802.11be EHT160_Nss1,(MCS0)_4TX	4.98
802.11be EHT320_Nss1,(MCS0)_4TX	4.84
6.425-6.525GHz	-
802.11be EHT20_Nss1,(MCS0)_4TX	4.78
802.11be EHT40_Nss1,(MCS0)_4TX	4.95
802.11be EHT80_Nss1,(MCS0)_4TX	4.98
802.11be EHT160_Nss1,(MCS0)_4TX	4.97
802.11be EHT320_Nss1,(MCS0)_4TX	4.86
6.525-6.875GHz	-
802.11be EHT20_Nss1,(MCS0)_4TX	4.91
802.11be EHT40_Nss1,(MCS0)_4TX	4.82
802.11be EHT80_Nss1,(MCS0)_4TX	4.90
802.11be EHT160_Nss1,(MCS0)_4TX	4.78
802.11be EHT320_Nss1,(MCS0)_4TX	4.99
6.875-7.125GHz	-
802.11be EHT20_Nss1,(MCS0)_4TX	4.89
802.11be EHT40_Nss1,(MCS0)_4TX	4.65
802.11be EHT80_Nss1,(MCS0)_4TX	4.88
802.11be EHT160_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	4.83	5.00
6195MHz	Pass	4.53	5.00
6415MHz	Pass	4.92	5.00
6435MHz	Pass	4.67	5.00
6475MHz	Pass	4.65	5.00
6515MHz	Pass	4.78	5.00
6535MHz	Pass	4.60	5.00
6695MHz	Pass	4.83	5.00
6855MHz	Pass	4.67	5.00
6875MHz	Pass	4.91	5.00
6995MHz	Pass	4.87	5.00
7095MHz	Pass	4.89	5.00
7115MHz	Pass	3.72	5.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	4.74	5.00
6205MHz	Pass	4.95	5.00
6405MHz	Pass	4.95	5.00
6445MHz	Pass	4.95	5.00
6485MHz	Pass	4.74	5.00
6525MHz	Pass	4.65	5.00
6565MHz	Pass	4.82	5.00
6685MHz	Pass	4.57	5.00
6845MHz	Pass	4.76	5.00
6885MHz	Pass	4.75	5.00
7005MHz	Pass	4.62	5.00
7085MHz	Pass	4.65	5.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	4.88	5.00
6225MHz	Pass	4.78	5.00
6385MHz	Pass	4.83	5.00
6465MHz	Pass	4.98	5.00
6545MHz	Pass	4.79	5.00
6625MHz	Pass	4.56	5.00
6705MHz	Pass	4.90	5.00
6785MHz	Pass	4.81	5.00
6865MHz	Pass	4.79	5.00
6945MHz	Pass	4.88	5.00
7025MHz	Pass	4.72	5.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	4.87	5.00
6185MHz	Pass	4.98	5.00
6345MHz	Pass	4.76	5.00
6505MHz	Pass	4.97	5.00
6665MHz	Pass	4.58	5.00
6825MHz	Pass	4.78	5.00
6985MHz	Pass	4.83	5.00
802.11be EHT320_Nss1,(MCS0)_4TX	-	-	-
6105MHz	Pass	4.84	5.00
6265MHz	Pass	4.76	5.00
6425MHz	Pass	4.61	5.00
6585MHz	Pass	4.86	5.00
6745MHz	Pass	4.99	5.00
6905MHz	Pass	1.73	5.00



Radiated PSD_Test Mode: Mode 1

Appendix D.1

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.

04/02/2026

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

CF Freq
5.955GHz

Span
30MHz

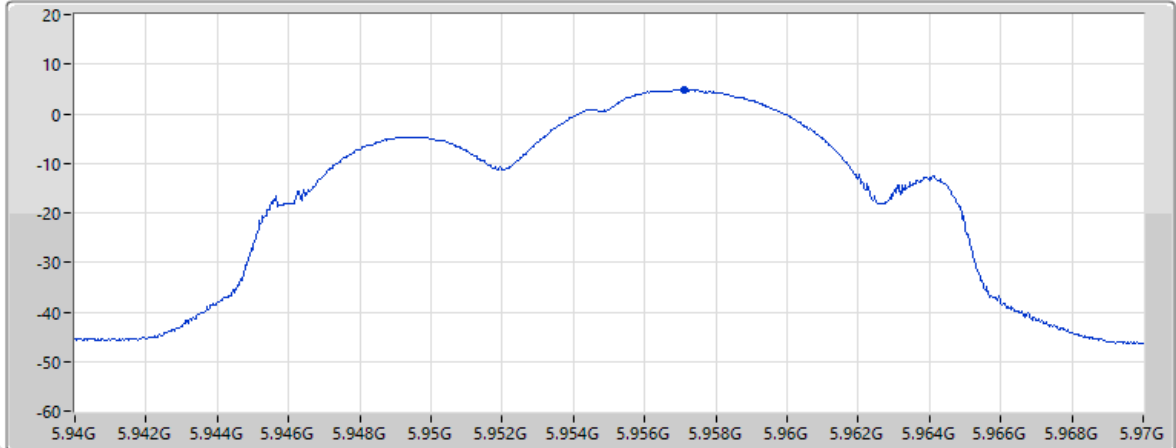
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
20MHz



Page 7

Vertical

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
4.83				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-5.13	13.30	9.09	43.37	57.54

03/03/2026

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

CF Freq
6.195GHz

Span
30MHz

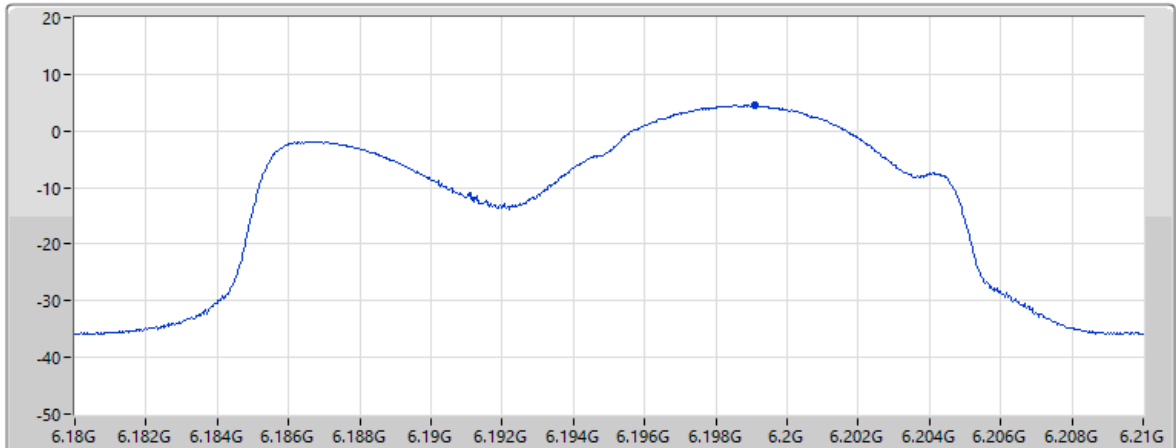
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
20MHz



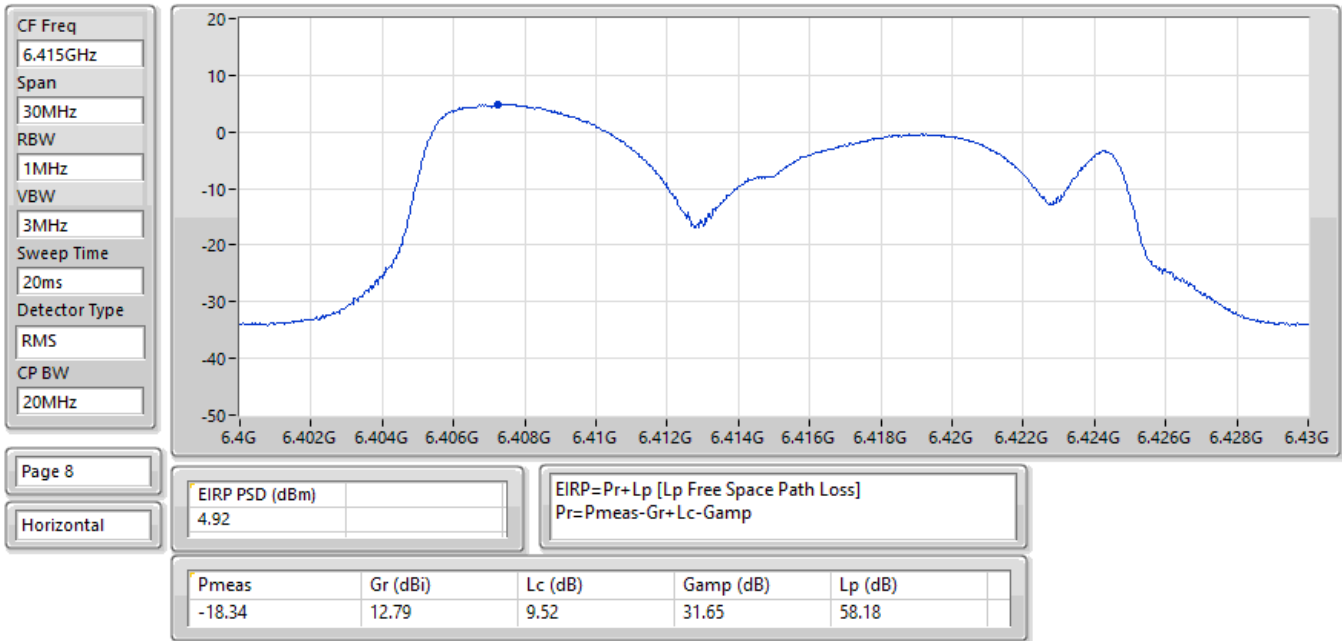
Page 7

Vertical

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
4.53				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-17.82	13.30	9.27	31.51	57.89

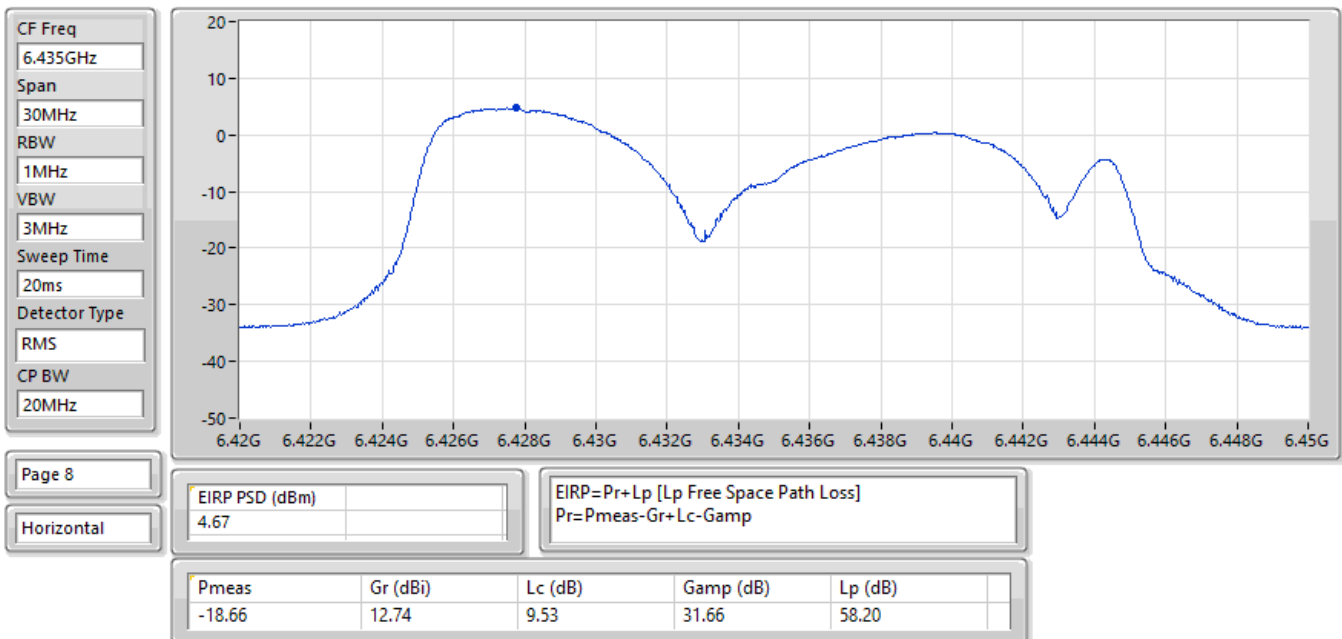
03/03/2026

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



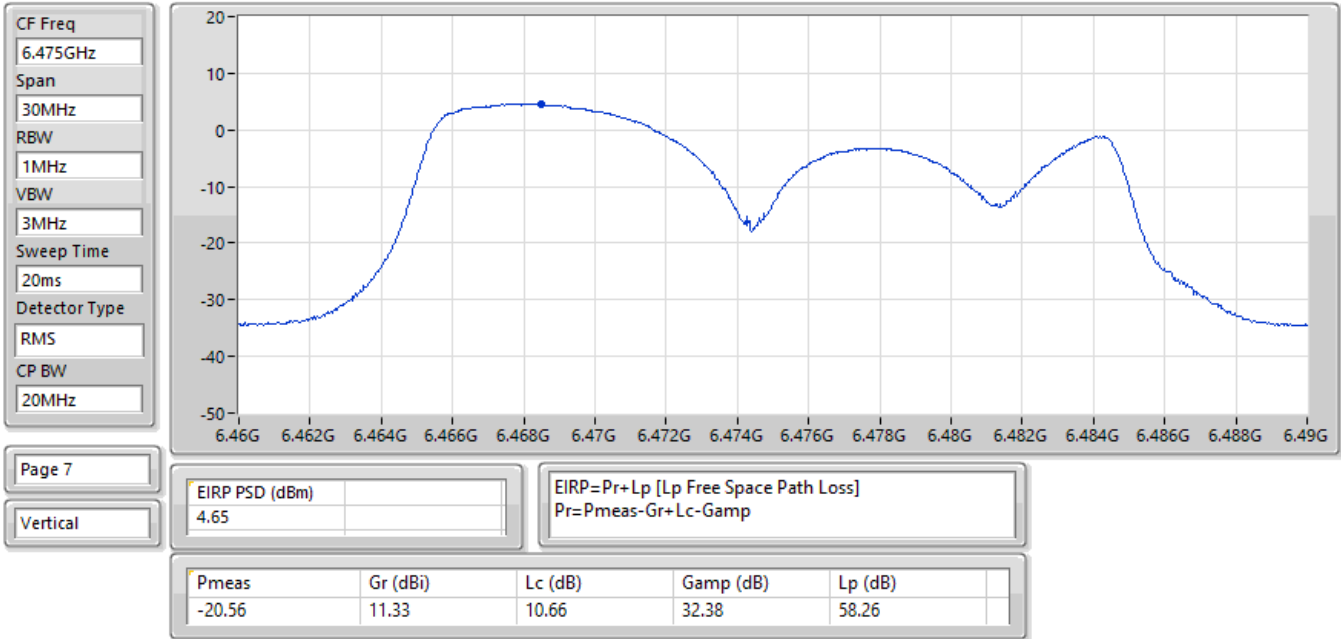
03/03/2026

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



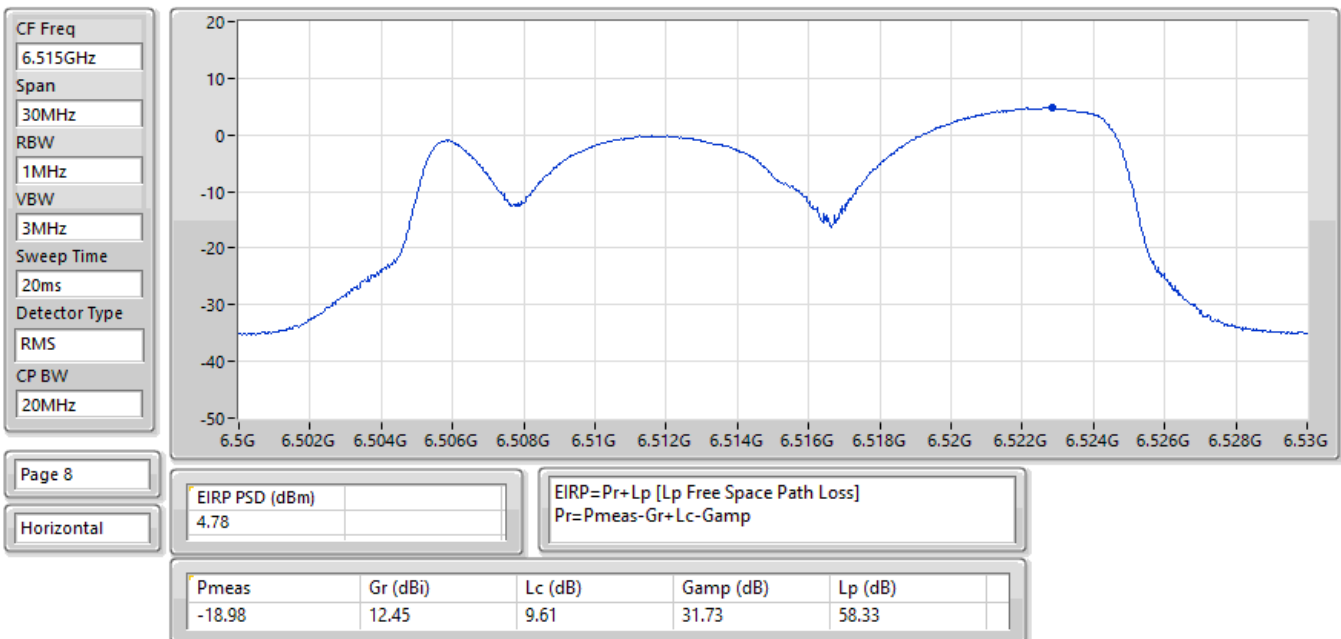
06/03/2026

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



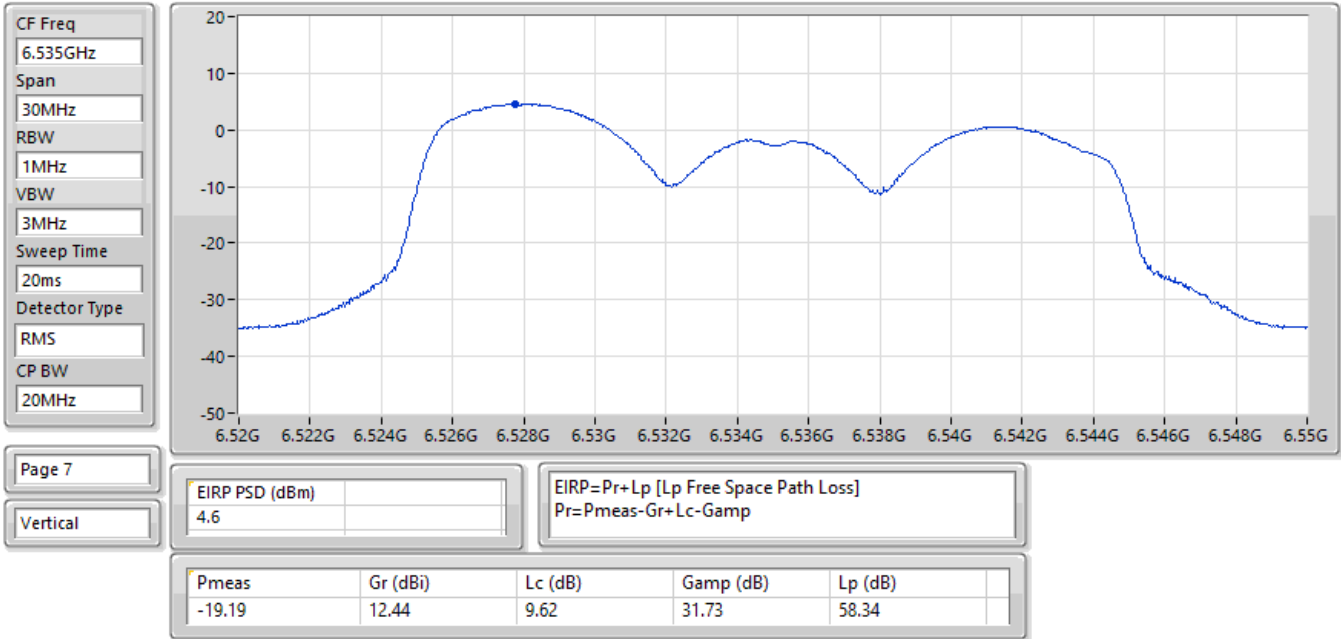
03/03/2026

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



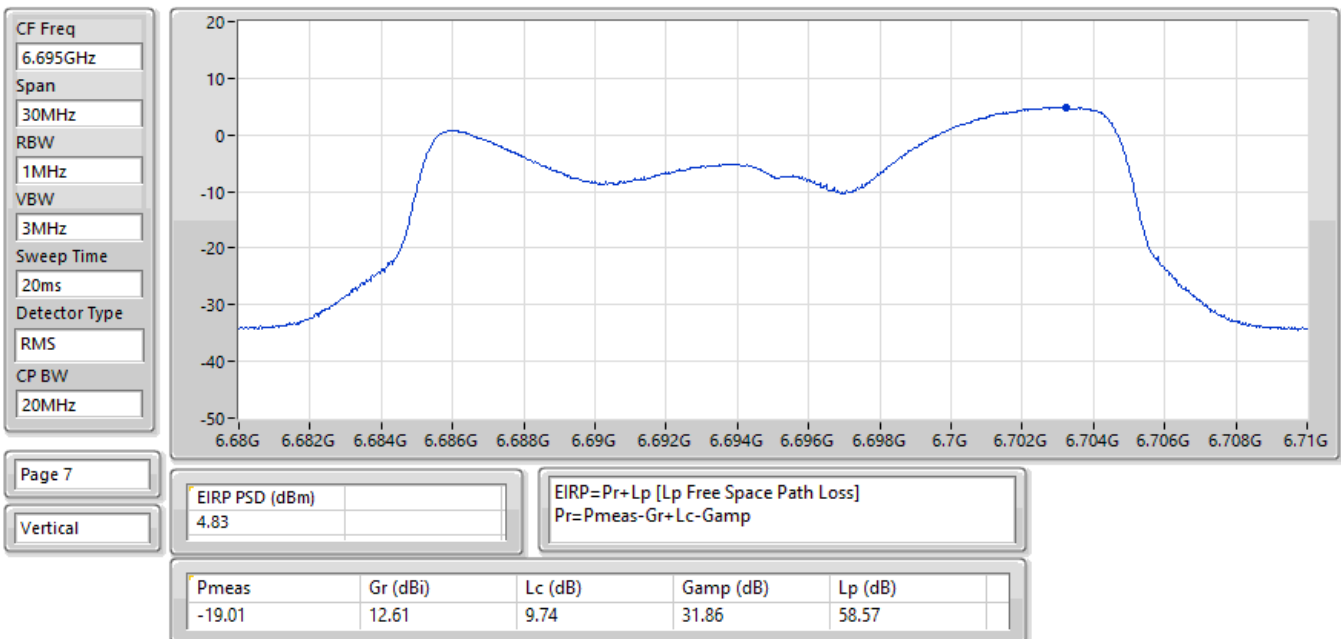
03/03/2026

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



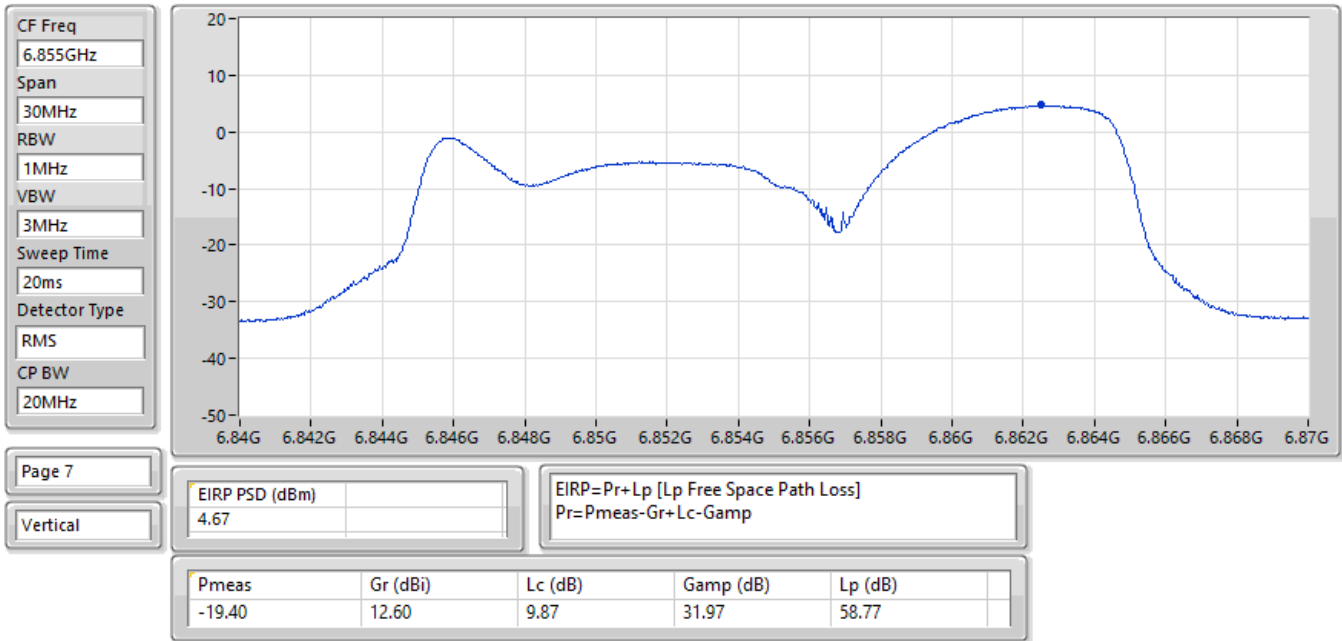
03/03/2026

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



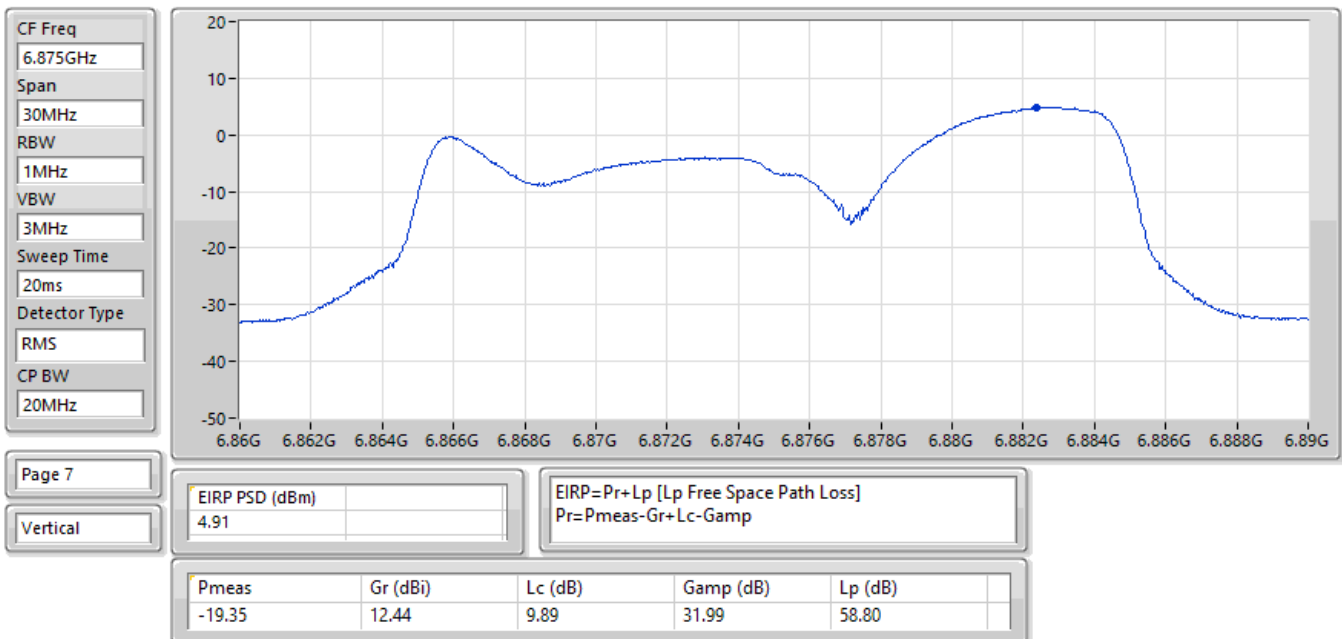
03/03/2026

EIRP PSD;Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6855MHz;TX



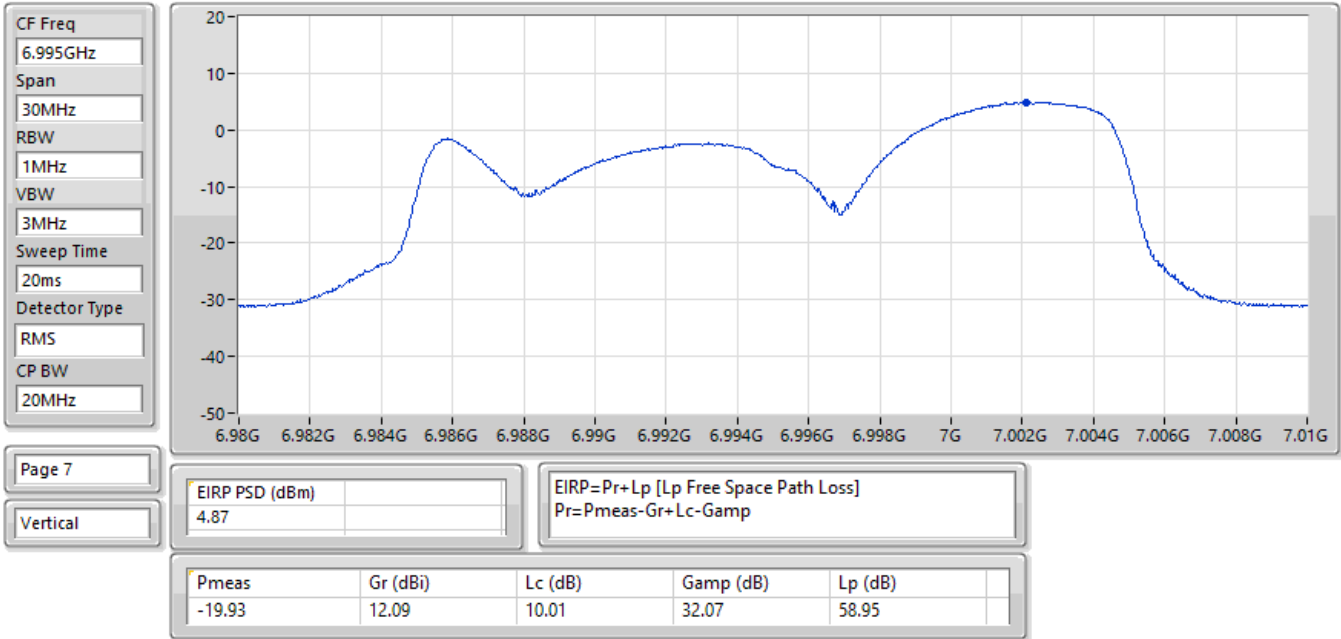
03/03/2026

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



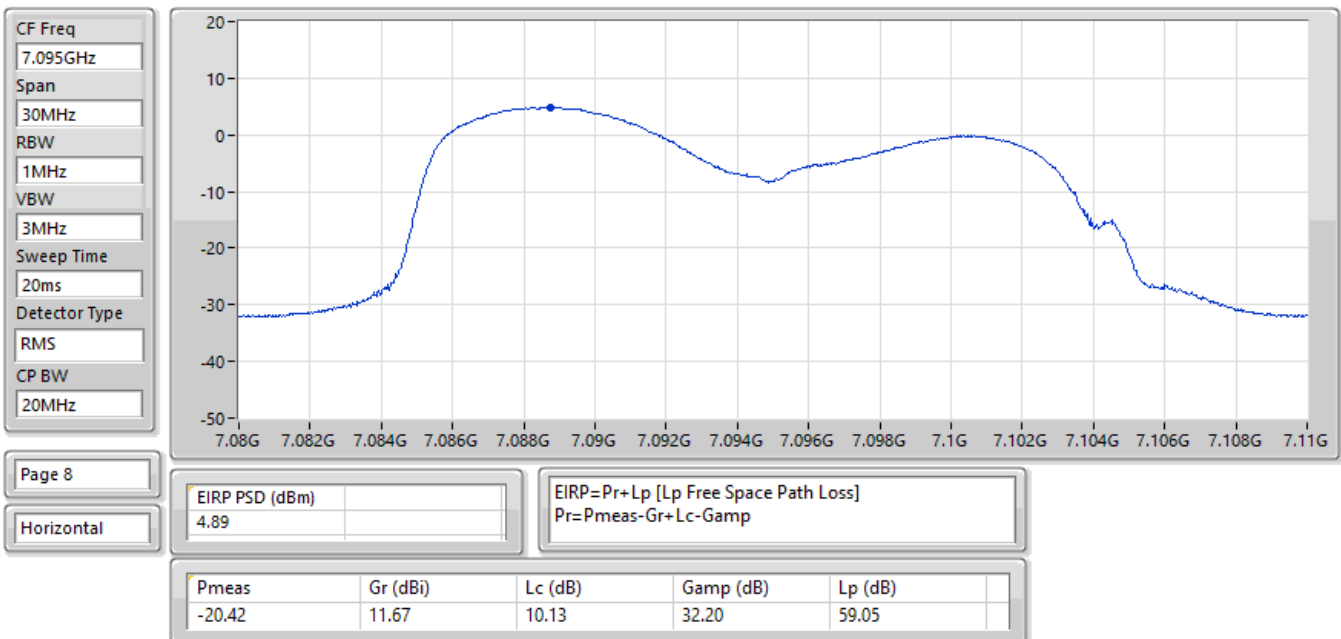
03/03/2026

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



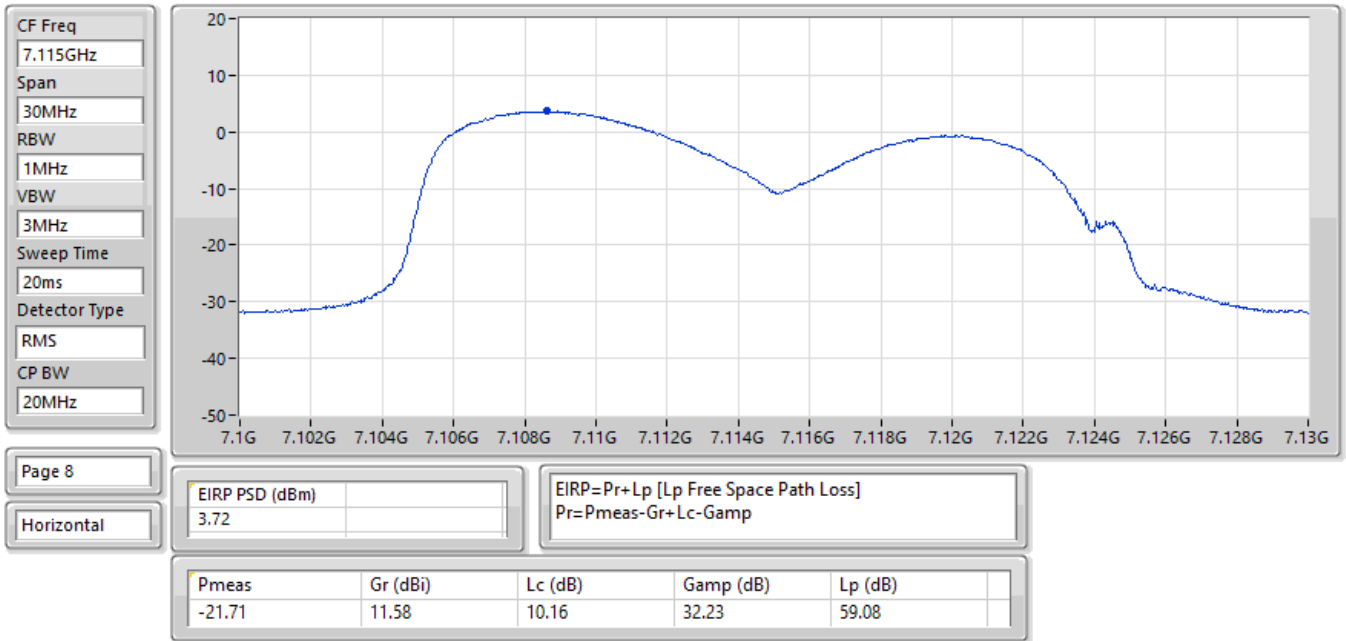
03/03/2026

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



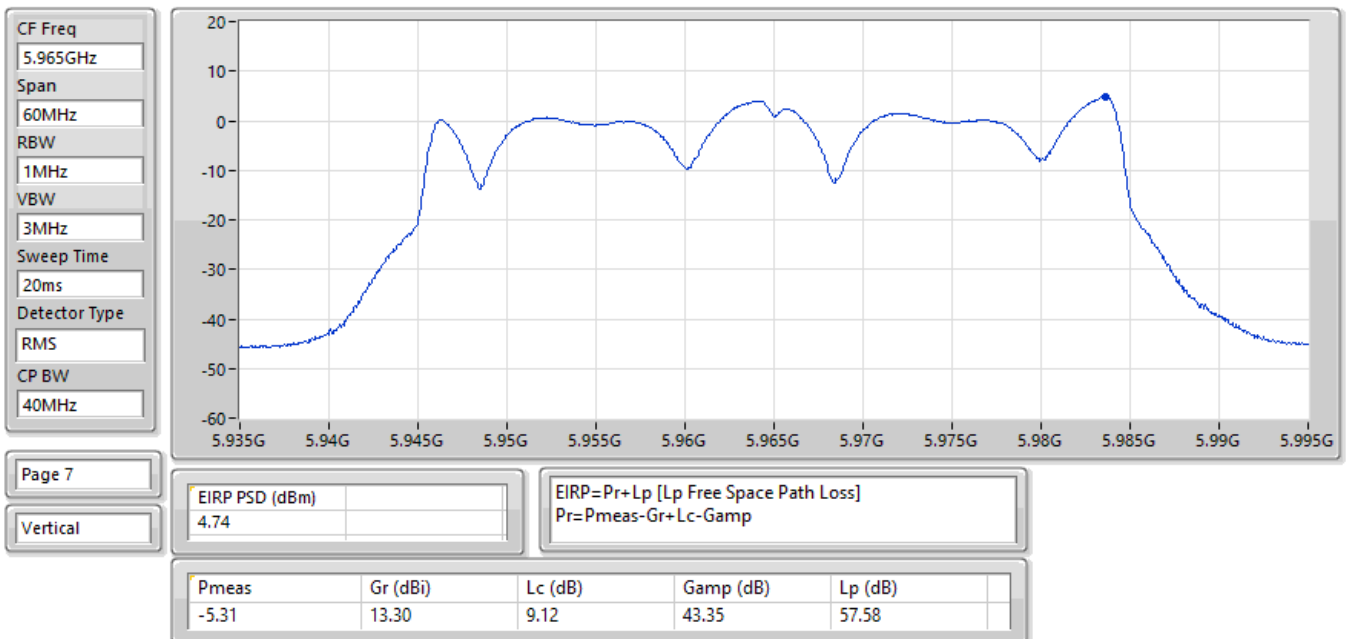
03/03/2026

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



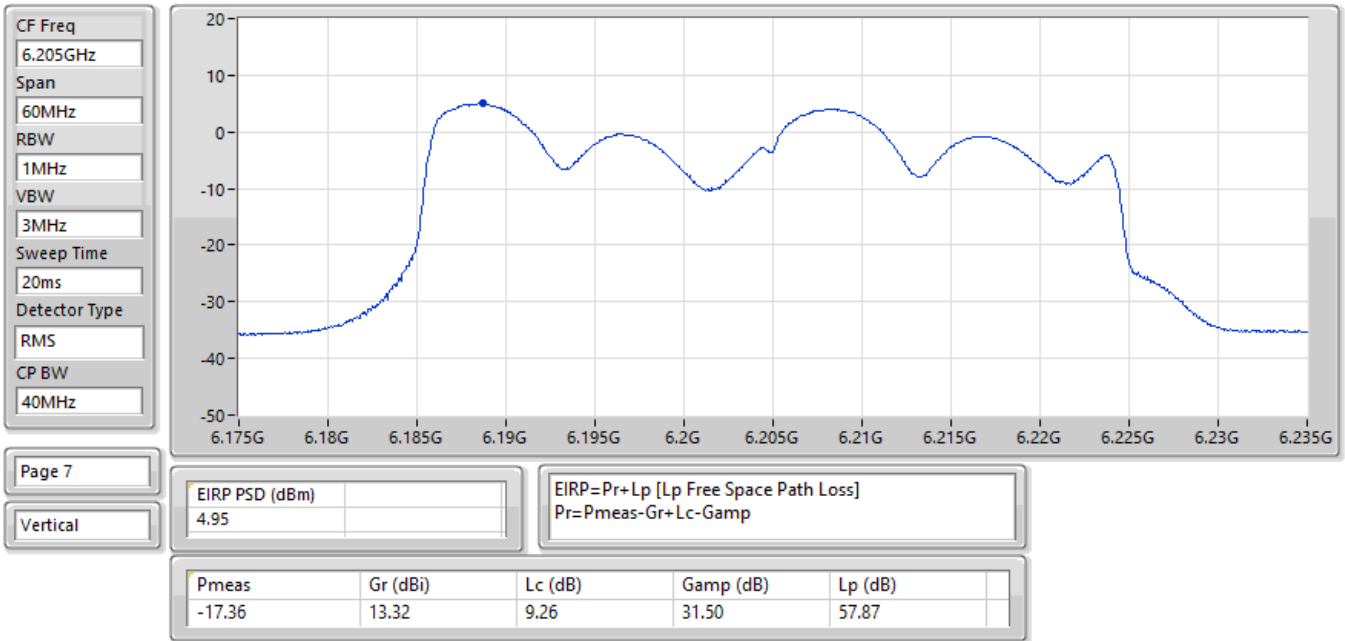
05/02/2026

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



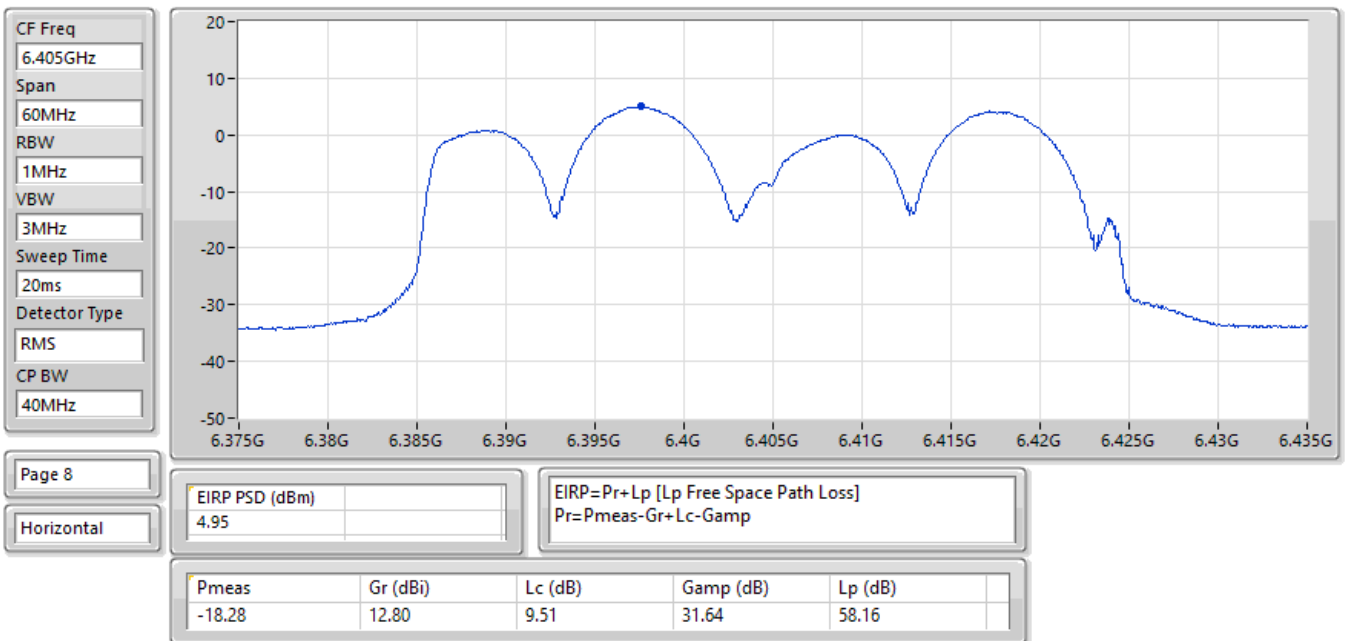
03/03/2026

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



03/03/2026

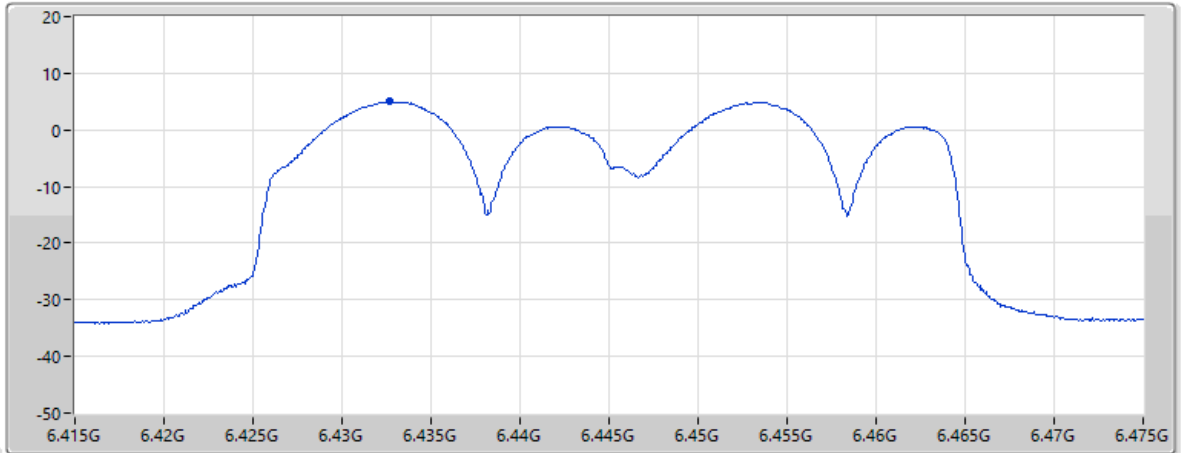
EIRP PSD;Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6405MHz;TX



03/03/2026

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

CF Freq
6.445GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
40MHz



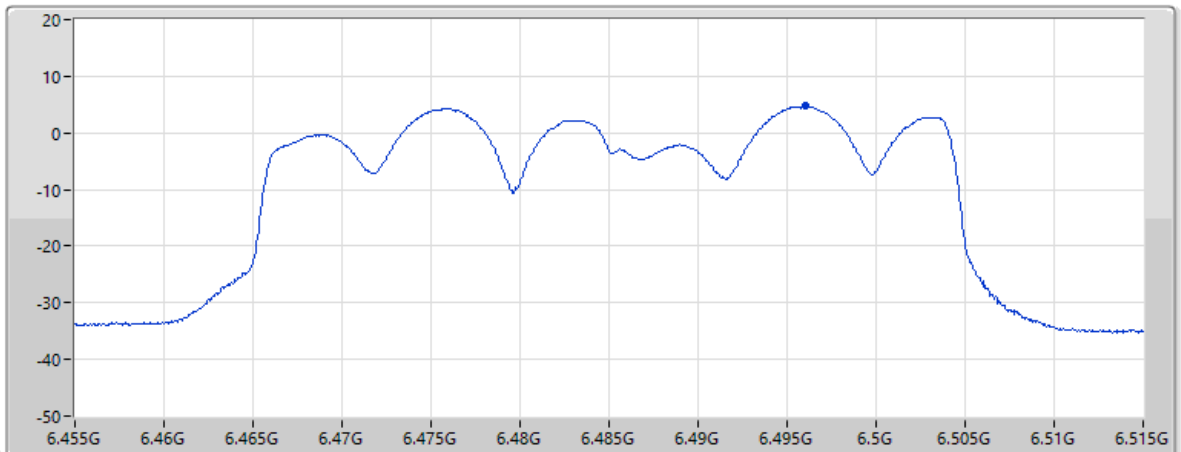
Page 8
Horizontal

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
4.95				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-18.41	12.73	9.54	31.66	58.21

04/03/2026

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

CF Freq
6.485GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
40MHz

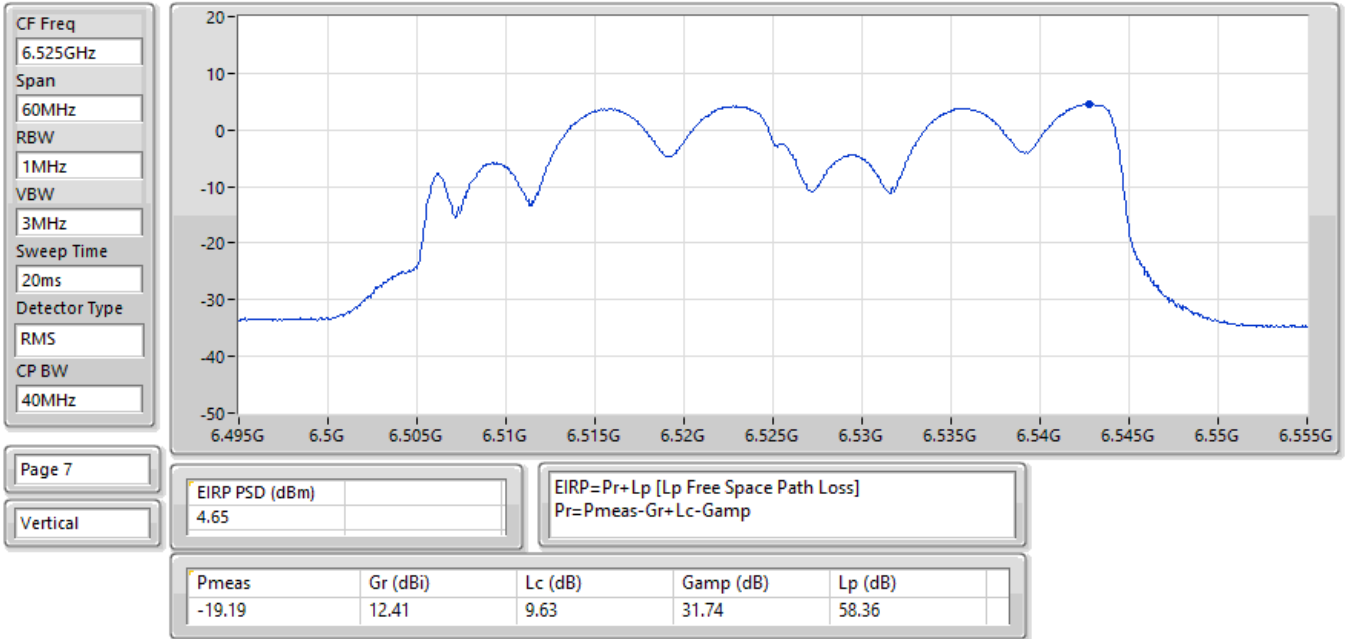


Page 7
Vertical

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
4.74				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-18.92	12.52	9.59	31.71	58.30

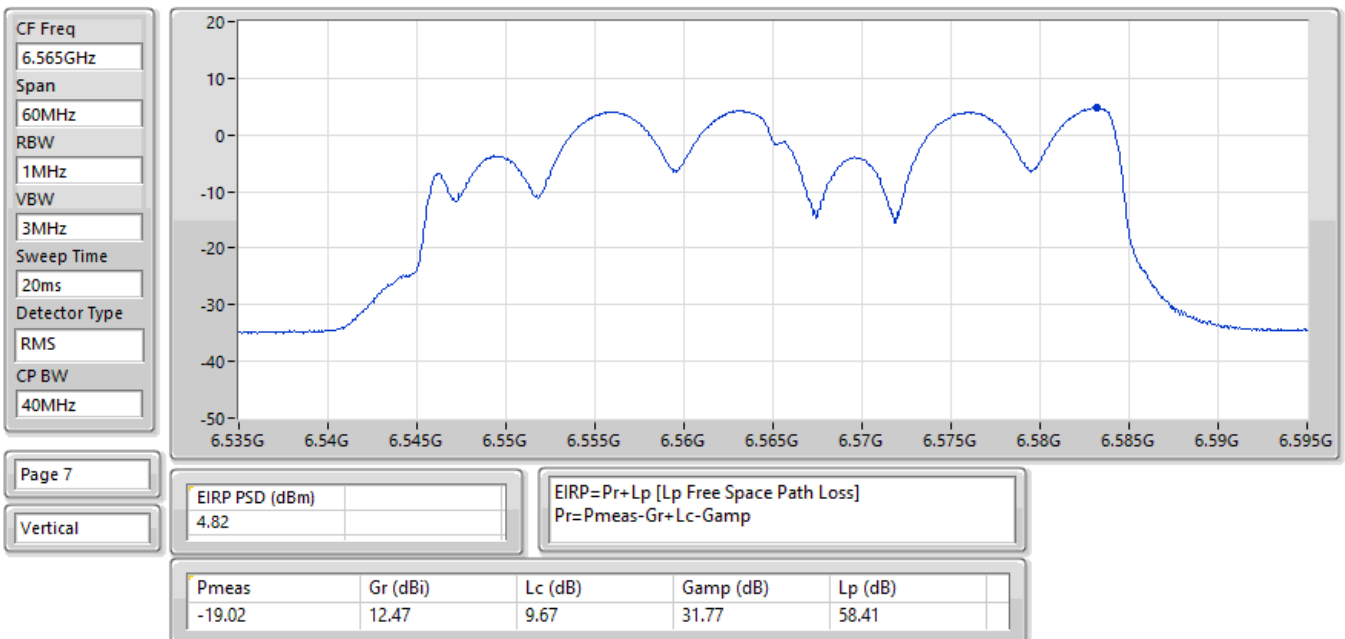
04/03/2026

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



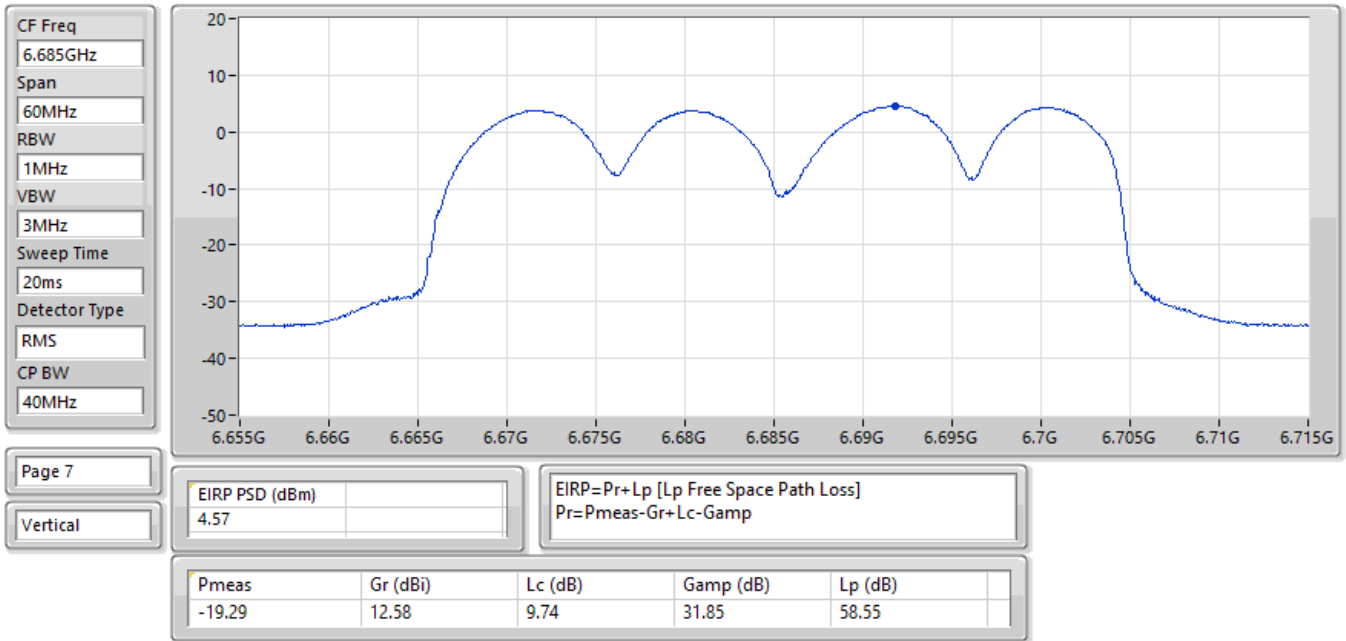
04/03/2026

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



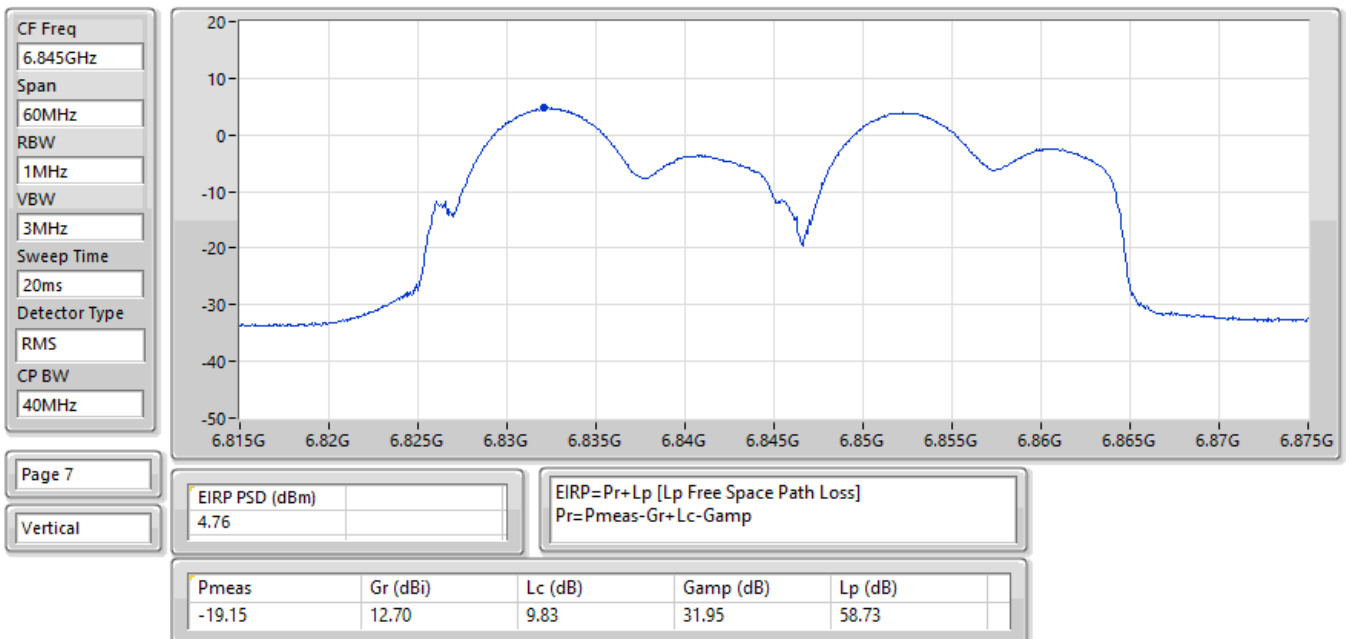
04/03/2026

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



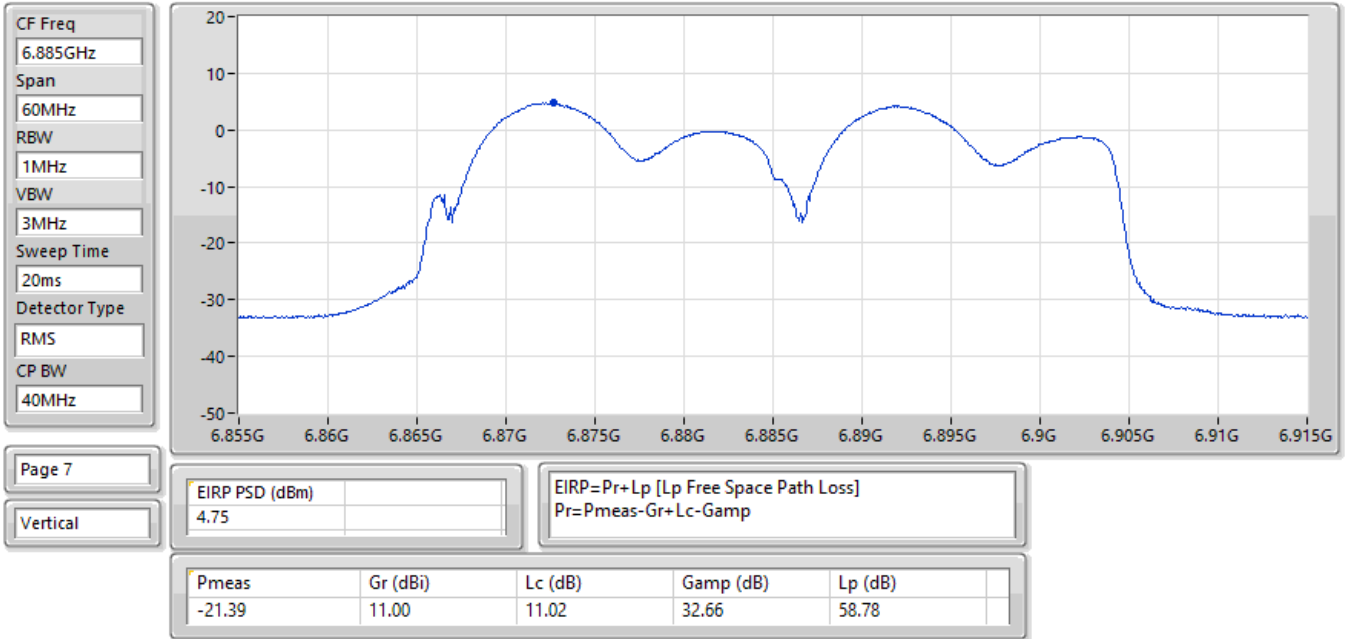
04/03/2026

EIRP PSD;Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6845MHz;TX



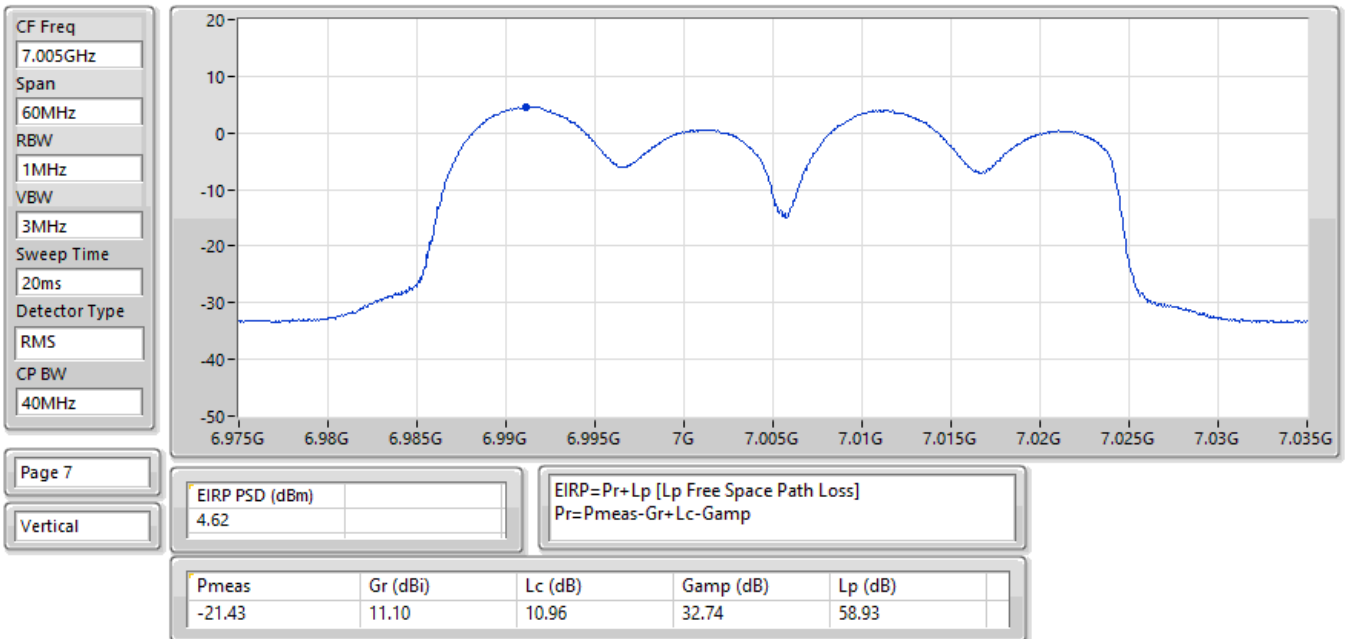
04/03/2026

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



04/03/2026

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



04/03/2026

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

CF Freq
7.085GHz

Span
60MHz

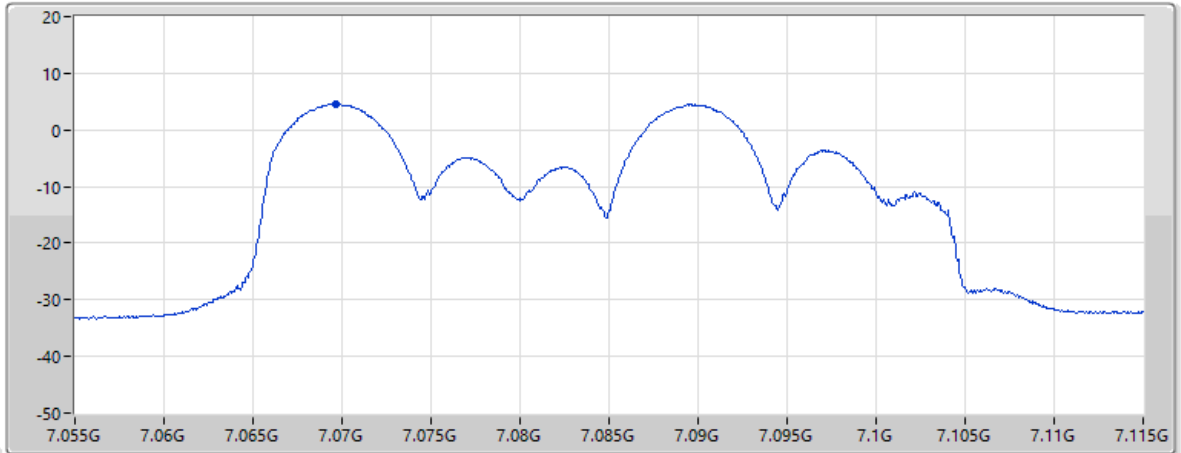
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
40MHz



Page 7

Vertical

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
4.65		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-21.93	10.88	11.15	32.72	59.03

05/02/2026

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

CF Freq
5.985GHz

Span
120MHz

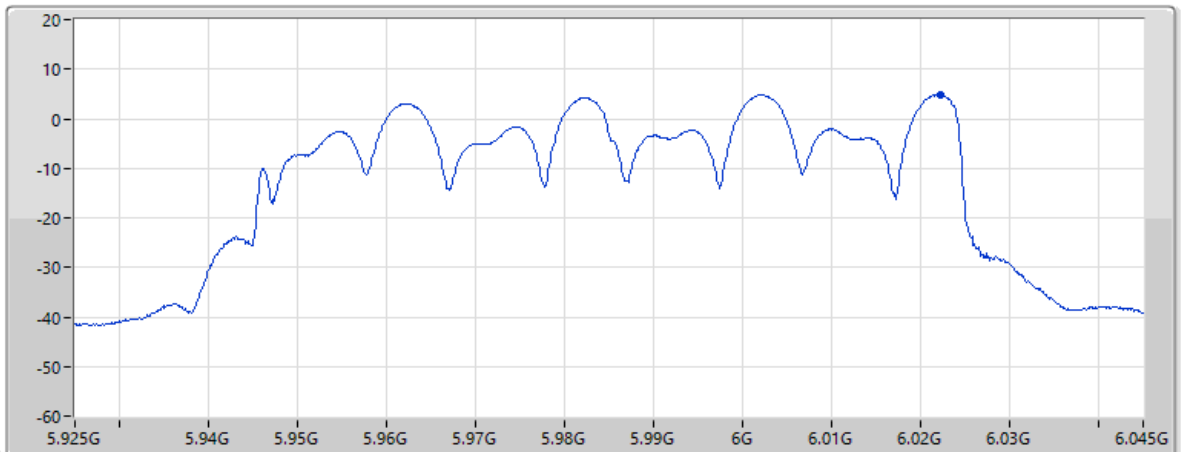
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
80MHz



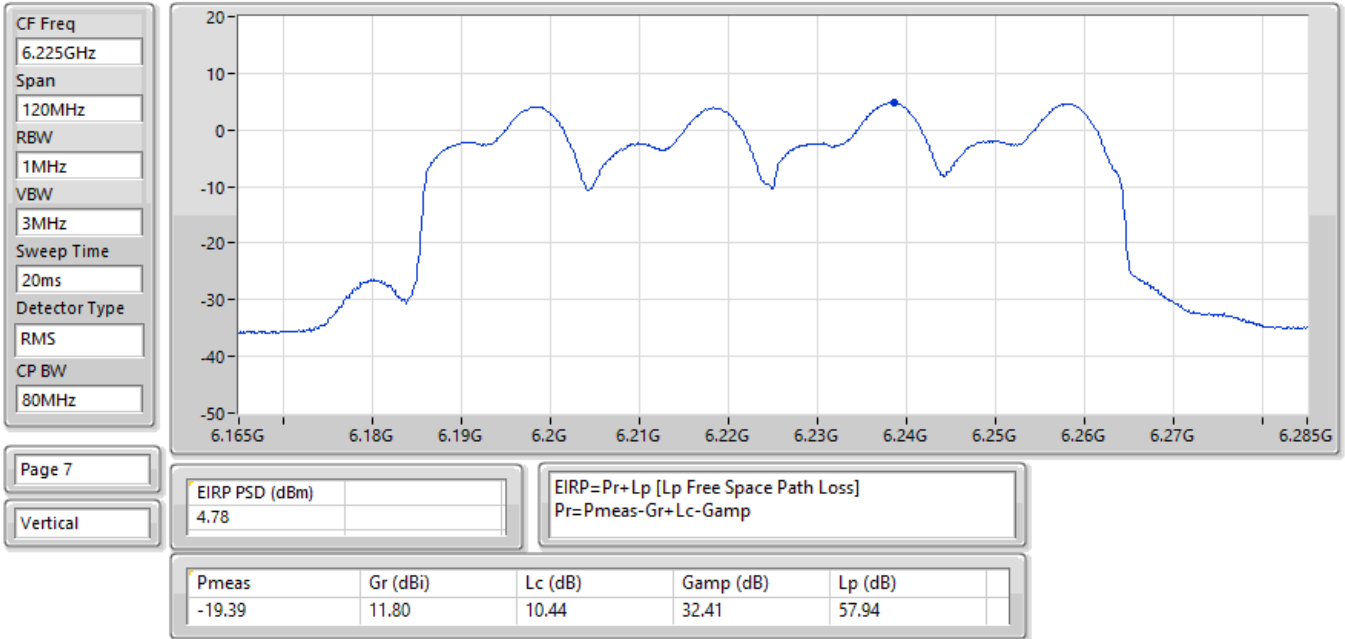
Page 7

Vertical

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
4.88		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-5.28	13.30	9.15	43.33	57.64

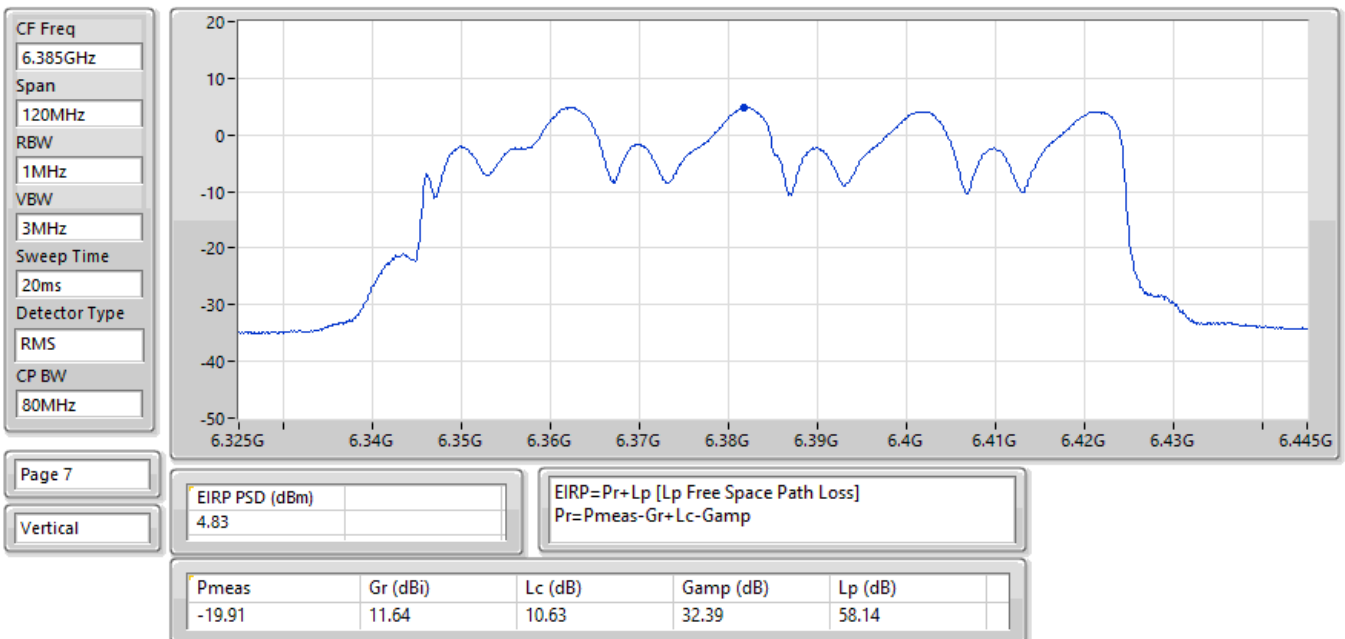
04/03/2026

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



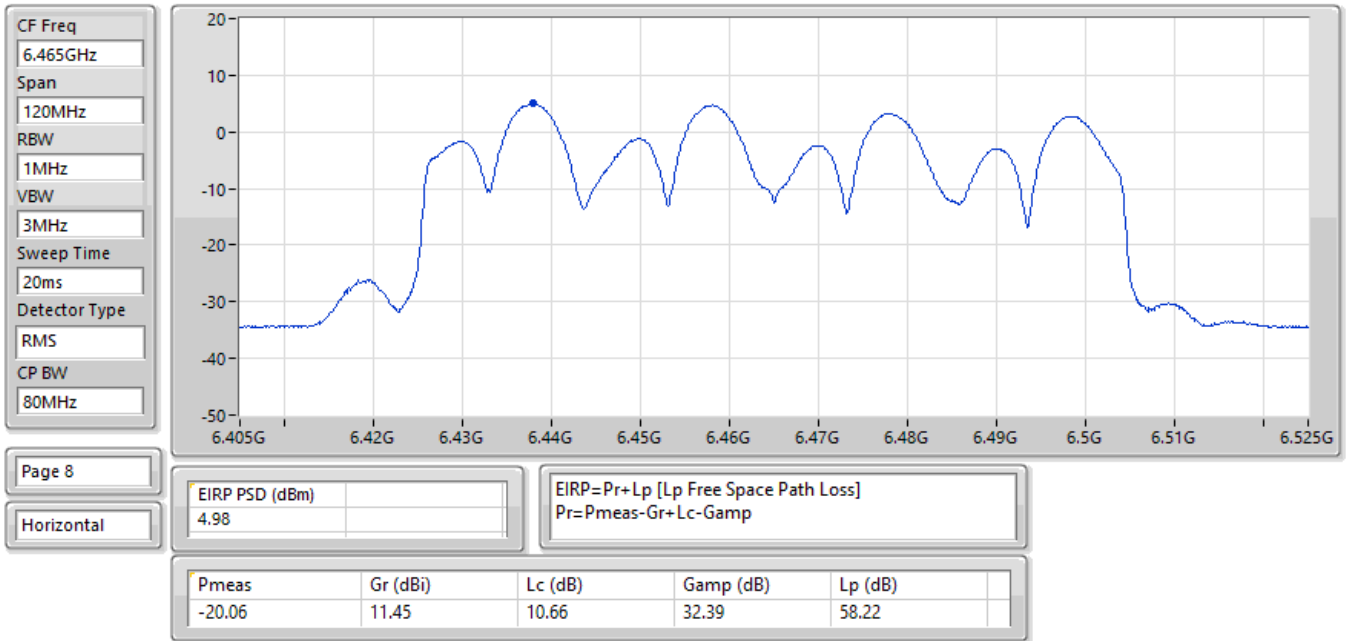
04/03/2026

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



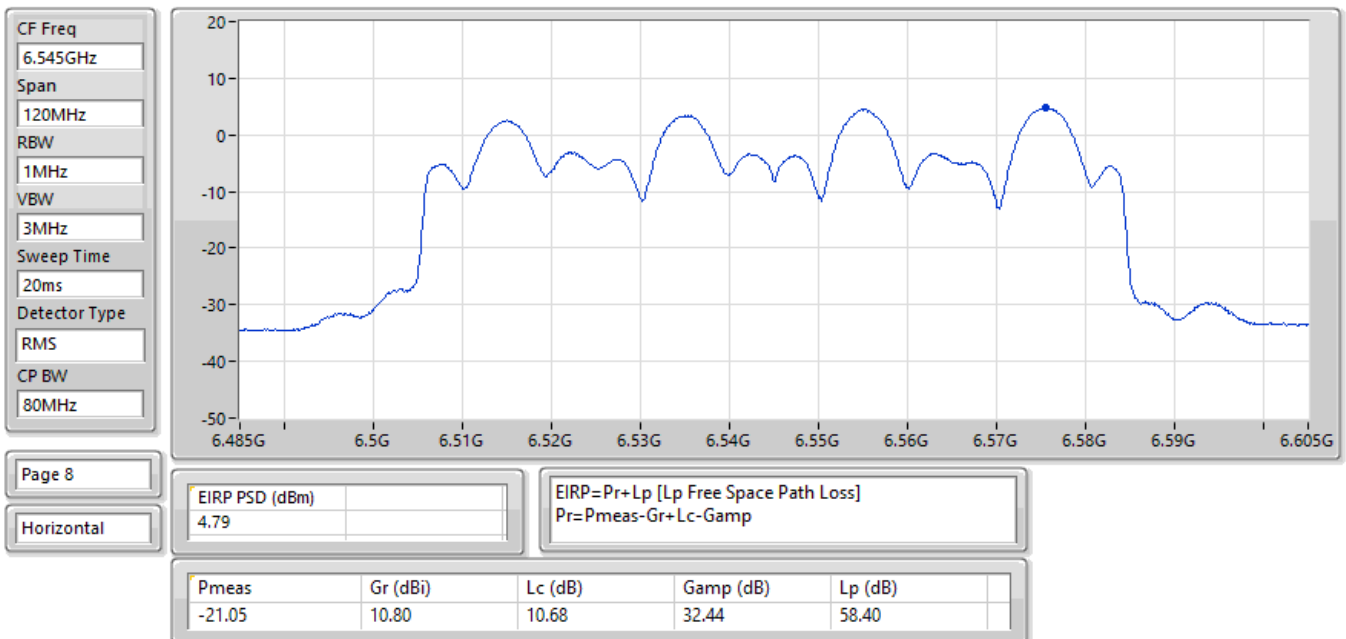
04/03/2026

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



04/03/2026

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



04/03/2026

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

CF Freq
6.625GHz

Span
120MHz

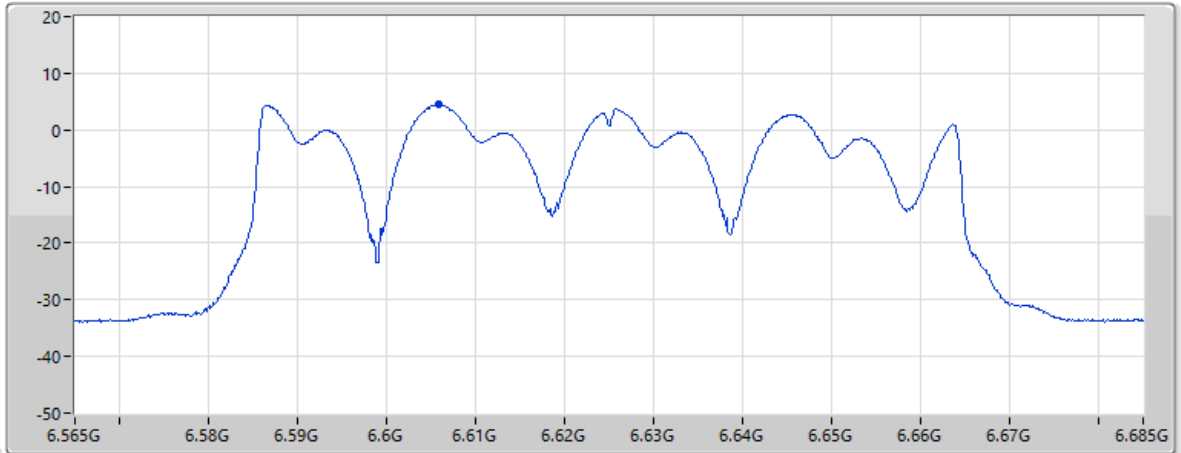
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
80MHz



Page 8

Horizontal

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
4.56		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-21.41	10.70	10.69	32.46	58.44

04/03/2026

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

CF Freq
6.705GHz

Span
120MHz

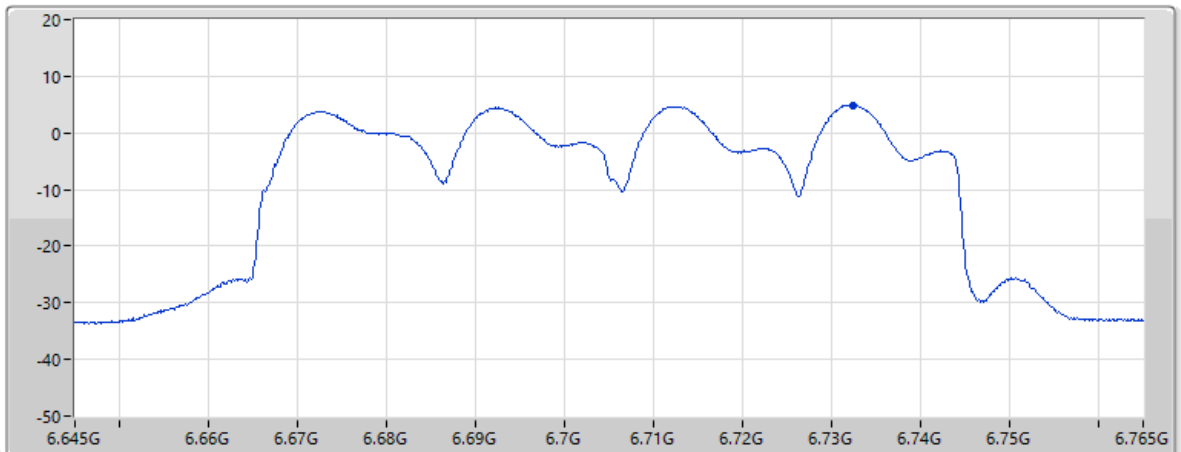
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
80MHz



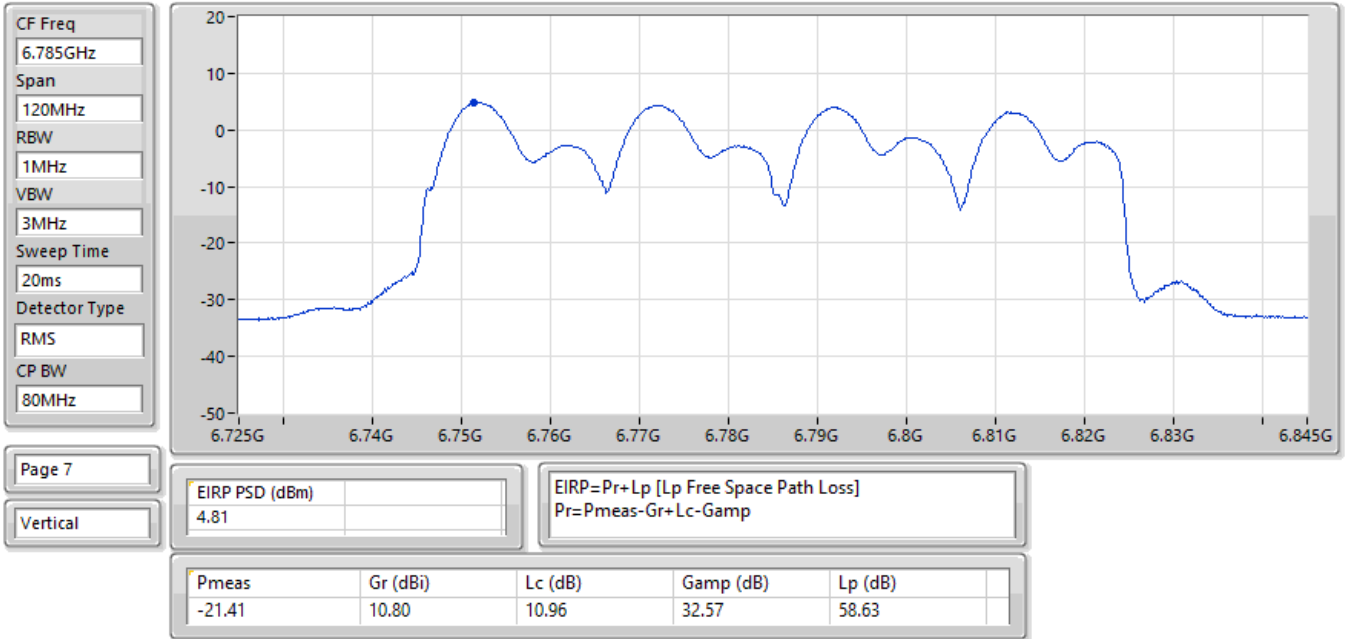
Page 7

Vertical

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
4.9		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-21.36	10.73	10.93	32.55	58.61

04/03/2026

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



04/03/2026

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

