



RADIO TEST REPORT

FCC ID : L4B-RTBN9X00
Equipment : WiFi8 Quad-band Gaming Router
Brand Name : ASUS
Model Name : GT-BN98 Pro, GT-BN98, GT-BN30000
Applicant : ASUS COMPUTER INTERNATIONAL
48720 Kato Road, Fremont, CA 94538, United States
Standard : 47 CFR FCC Part 15.407

The product was received on Dec. 16, 2025, and testing was started from Dec. 24, 2025 and completed on May 28, 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.)



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Information.....	5
1.2 Applicable Standards	15
1.3 Testing Location Information	15
1.4 Measurement Uncertainty	16
2 Test Configuration of EUT	17
2.1 Test Channel Mode	17
2.2 The Worst Case Measurement Configuration	21
2.3 EUT Operation during Test	25
2.4 Accessories	25
2.5 Support Equipment.....	26
2.6 Test Setup Diagram	28
3 Transmitter Test Result	32
3.1 AC Power-line Conducted Emissions	32
3.2 Emission Bandwidth	34
3.3 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	35
3.4 Peak Power Spectral Density (E.I.R.P.)	38
3.5 Unwanted Emissions.....	41
3.6 Contention Based Protocol.....	46
4 Test Equipment and Calibration Data	47
Appendix A. Test Results of AC Power-line Conducted Emissions	
Appendix B. Test Results of Emission Bandwidth	
Appendix C. Test Results of Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	
Appendix D. Test Results of Peak Power Spectral Density (E.I.R.P.)	
Appendix E. Test Results of Unwanted Emissions	
Appendix F. Test Results of Contention-Based Protocol	
Appendix G. Test Photos	
Photographs of EUT v01	



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



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.3	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)	PASS	-
-	15.407(a)	Proper Power Adjustment	N/A	Non-Dual Client Device or non-Standard Client Device w/o test
-	15.407(a)	Transmit Power Control	N/A	Non-Very Low Power Device w/o test
3.4	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
3.6	15.407(d)	Contention-Based Protocol	PASS	-
Note: Reference to Sporton Project No.: 5D1648 and 5D1648-03.				

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: Wendy Pan



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-6425	a, ax (HEW20), be (EHT20), bn (UHR 20)	5955-6415	1-93 [24]
6525-7125		6595-7095	129-229 [26]
5925-6425	ax (HEW40), be (EHT40), bn (UHR 40)	5965-6405	3-91 [12]
6525-7125		6605-7085	131-227 [13]
5925-6425	ax (HEW80), be (EHT80), bn (UHR 80)	5985-6385	7-87 [6]
6525-7125		6625-7025	135-215 [6]
5925-6425	ax (HEW160), be (EHT160), bn (UHR 160)	6025-6345	15-79 [3]
6525-7125		6665-6985	143-207 [3]
5925-6425	be (EHT320), bn (UHR 320)	6105-6265	31-63 [2]
6525-7125		6745-6905	159-191 [2]



Band	Mode	BWch (MHz)	Nant
5.925-6.425 GHz 6.525-7.125 GHz	802.11 a, 802.11 ax HEW20, 802.11 be EHT20, 802.11 bn UHR 20	20	4TX
	802.11 ax HEW20-BF, 802.11 be EHT20-BF, 802.11 bn UHR 20-BF	20	4TX
	802.11 ax HEW40, 802.11 be EHT40, 802.11 bn UHR 40	40	4TX
	802.11 ax HEW40-BF, 802.11 be EHT40-BF, 802.11 bn UHR 40-BF	40	4TX
	802.11 ax HEW80, 802.11 be EHT80, 802.11 bn UHR 80	80	4TX
	802.11 ax HEW80-BF, 802.11 be EHT80-BF, 802.11 bn UHR 80-BF	80	4TX
	802.11 ax HEW160, 802.11 be EHT160, 802.11 bn UHR 160	160	4TX
	802.11 ax HEW160-BF, 802.11 be EHT160-BF, 802.11 bn UHR 160-BF	160	4TX
	802.11 be EHT320, 802.11 bn UHR 320	320	4TX
	802.11 be EHT320-BF, 802.11 bn UHR 320-BF	320	4TX



For Multi RU/Puncturing:

RU-tone	Configuration	Bandwidth (MHz)			
		80			
484+242	1		242	484	
	2	242		484	
	3	484			242
	4	484	242		

RU-tone	Configuration	Bandwidth (MHz)			
		160			
996+484	1		484	996	
	2	484		996	
	3	996			484
	4	996	484		
996+484+242	1		242	484	996
	2	242		484	996
	3	484		242	996
	4	484	242		996
	5	996		242	484
	6	996	242		484
	7	996	484		242
	8	996	484	242	

RU-tone	Configuration	Bandwidth (MHz)			
		320			
2x996+484	1		484	996	996
	2	484		996	996
	3	996		484	996
	4	996	484		996
	5	996	996		484
	6	996	996	484	
	7		484	996	996
	8		484	996	996
	9		996		484
	10		996	484	996
	11		996	996	
	12		996	996	484
3x996	1		996	996	996
	2	996		996	996
	3	996	996		996
	4	996	996	996	
3x996+484	1		484	996	996
	2	484		996	996
	3	996		484	996
	4	996	484		996
	5	996	996		484
	6	996	996	484	996
	7	996	996	996	484
	8	996	996	996	484

**Note:**

- ♦ 11a use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ 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.
- ♦ UHR20, UHR40, UHR80, UHR160, UHR320 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ IEEE 802.11bn (UHR) is the draft standard for Ultra High Reliability, focusing on enhanced throughput and reduced latency.
- ♦ The device supports a maximum data rate up to MCS 23, utilizing 4096QAM modulation with 4X4 spatial streams to achieve optimized PHY rates.

1.1.2 Worst case of MRU(puncturing) evaluation procedure

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


1.1.3 Antenna Information

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	2.4GHz	5GHz	6GHz					
1	4	1	-	Whayu	C660-510680-A	Dipole	I-PEX	Note 1
2	1	4	-	Whayu	C660-510681-A	Dipole	I-PEX	
3	2	3	-	Whayu	C660-510682-A	Dipole	I-PEX	
4	3	2	-	Whayu	C660-510683-A	Dipole	I-PEX	
5	-	-	1	Whayu	C660-510676-A	Dipole	I-PEX	
6	-	-	2	Whayu	C660-510677-A	Dipole	I-PEX	
7	-	-	3	Whayu	C660-510678-A	Dipole	I-PEX	
8	-	-	4	Whayu	C660-510679-A	Dipole	I-PEX	
9	-	-	1	Whayu	C660-510676-A	Dipole	I-PEX	
10	-	-	2	Whayu	C660-510677-A	Dipole	I-PEX	
11	-	-	3	Whayu	C660-510678-A	Dipole	I-PEX	
12	-	-	4	Whayu	C660-510679-A	Dipole	I-PEX	

Note 1:

Ant.	Port			WLAN 2.4GHz (dBi)	WLAN 5GHz (dBi)				WLAN 6GHz (dBi)		
	2.4GHz	5GHz	6GHz		UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 7	UNII 8
1	4	1	-	2.83	2.7	3.61	2.7	2.59	-	-	-
2	1	4	-	2.15	3.19	3.3	3.19	3.57	-	-	-
3	2	3	-	2.06	3.97	3.52	3.63	2.63	-	-	-
4	3	2	-	1.53	2.52	3.55	2.31	2.81	-	-	-
5	-	-	1	-	-	-	-	-	2.37	-	-
6	-	-	2	-	-	-	-	-	2.43	-	-
7	-	-	3	-	-	-	-	-	2.78	-	-
8	-	-	4	-	-	-	-	-	3.81	-	-
9	-	-	1	-	-	-	-	-	-	2.32	2.65
10	-	-	2	-	-	-	-	-	-	2.98	2.82
11	-	-	3	-	-	-	-	-	-	3.89	3.18
12	-	-	4	-	-	-	-	-	-	2.6	2.38



Directional Gain (dBi)															
WLAN 2.4GHz		WLAN 5GHz UNII 1		WLAN 5GHz UNII 2A		WLAN 5GHz UNII 2C		WLAN 5GHz UNII 3		WLAN 6GHz UNII 5		WLAN 6GHz UNII 7		WLAN 6GHz UNII 8	
4T1S	4T2S	4T1S	4T2S	4T1S	4T2S	4T1S	4T2S	4T1S	4T2S	4T1S	4T2S	4T1S	4T2S	4T1S	4T2S
5.39	2.83	5.58	3.97	5.49	3.61	6.3	3.63	6.15	3.57	5.74	3.81	5.91	3.89	5.69	3.18

Note 2: The antenna gain and directional gain are measured which follow the procedure of KDB 662911 D03.

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

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

Port 1~Port 4 could transmit/receive simultaneously.

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

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

Port 1~Port 4 could transmit/receive simultaneously.

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

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

Port 1~Port 4 could transmit/receive simultaneously.

**1.1.4 Mode Test Duty Cycle****For Full RU:****<Mode 1: UNII5>**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss 1,(6D)	0.979	0.09	4.067m	300
802.11bn UHR20-BF_Nss 1,(M0)	0.952	0.21	4.685m	300
802.11bn UHR40-BF_Nss 1,(M0)	0.946	0.24	4.685m	300
802.11bn UHR80-BF_Nss 1,(M0)	0.956	0.2	4.403m	300
802.11bn UHR160-BF_Nss 1,(M0)	0.959	0.18	4.928m	300
802.11bn UHR320-BF_Nss 1,(M0)	0.959	0.18	5.296m	200
802.11bn UHR20-BF_Nss 2,(M0)	0.924	0.34	4.695m	300
802.11bn UHR40-BF_Nss 2,(M0)	0.936	0.29	5.075m	300
802.11bn UHR80-BF_Nss 2,(M0)	0.97	0.13	5.325m	300
802.11bn UHR160-BF_Nss 2,(M0)	0.96	0.18	5.3m	200
802.11bn UHR320-BF_Nss 2,(M0)	0.929	0.32	1.838m	1k

<Mode 2: UNII7~8>

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss 1,(6D)	0.974	0.11	4.067m	300
802.11bn UHR20-BF_Nss 1,(M0)	0.949	0.23	4.685m	300
802.11bn UHR40-BF_Nss 1,(M0)	0.964	0.16	4.685m	300
802.11bn UHR80-BF_Nss 1,(M0)	0.932	0.31	4.41m	300
802.11bn UHR160-BF_Nss 1,(M0)	0.962	0.17	5.109m	200
802.11bn UHR320-BF_Nss 1,(M0)	0.964	0.16	5.386m	200
802.11bn UHR20-BF_Nss 2,(M0)	0.945	0.25	4.695m	300
802.11bn UHR40-BF_Nss 2,(M0)	0.939	0.27	5.08m	300
802.11bn UHR80-BF_Nss 2,(M0)	0.909	0.41	5.14m	300
802.11bn UHR160-BF_Nss 2,(M0)	0.967	0.15	5.117m	200
802.11bn UHR320-BF_Nss 2,(M0)	0.819	0.87	1.566m	1k

**For Multi_RU/Puncturing:****<Mode 3: UNII5>**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11bn UHR80_Nss 1,(M0),RU484+RU242	0.944	0.25	543.438u	2k
802.11bn UHR160_Nss 1,(M0),RU996+RU484+RU242	0.904	0.44	267.5u	5k
802.11bn UHR160_Nss 1,(M0),RU996+RU484	0.904	0.44	267.5u	5k
802.11bn UHR320_Nss 1,(M0),3xRU996+RU484	0.844	0.74	168.281u	10k
802.11bn UHR320_Nss 1,(M0),3xRU996	0.844	0.74	168.281u	10k
802.11bn UHR320_Nss 1,(M0),2xRU996+RU484	0.844	0.74	168.281u	10k

<Mode 4: UNII8>

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11bn UHR80_Nss 1,(M0),RU484+RU242	0.944	0.25	543.438u	2k
802.11bn UHR160_Nss 1,(M0),RU996+RU484+RU242	0.904	0.44	267.5u	5k
802.11bn UHR160_Nss 1,(M0),RU996+RU484	0.904	0.44	267.5u	5k
802.11bn UHR320_Nss 1,(M0),3xRU996+RU484	0.844	0.74	168.281u	10k
802.11bn UHR320_Nss 1,(M0),3xRU996	0.844	0.74	168.281u	10k
802.11bn UHR320_Nss 1,(M0),2xRU996+RU484	0.844	0.74	168.281u	10k

Note:

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

**1.1.5 EUT Operational Condition**

EUT Power Type	From Power Adapter	
Beamforming Function	☒ With beamforming	☐ Without beamforming
	The product has beamforming function for n/VHT/ax/be/bn in 2.4GHz, n/ac/ax/be/bn in 5GHz UNII 1~UNII 3, and ax/be/bn in 6GHz UNII 5, UNII 7~8	
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	For RF Conducted and Radiated-non-beamforming mode: accessMTool 3.4.4.0 For Radiated-beamforming mode: DOS [ver 6.1.7601]	
Software / Firmware Version for CBP	3.0.0.6.102_40665-gb9424e9_1452-gddeab_BB10	

Note: The above information was declared by manufacturer.

**1.1.6 Table for EUT Supports Function**

Function	Support Type
AP Router	Master
Bridge	Client without radar detection
Extender	Master
Mesh	Master

Note 1: From the above, after evaluating, AP Router was selected to test and record in the report.

Note 2: The above information was declared by manufacturer.

1.1.7 Table for Multiple Listing

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

Model Name	Description
GT-BN98 Pro	All the models are identical, the difference model served as marketing strategy.
GT-BN98	
GT-BN30000	

Note 1: From the above models, model: GT-BN98 Pro 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 ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)				
(TAF: 3787) TEL: 886-3-656-9065 FAX: 886-3-656-9085				
Test site Designation No. TW3787 with FCC.				
Conformity Assessment Body Identifier (CABID) TW3787 with ISCED.				

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (For other tests)	TH01-CB	Black Lu	19.9~21.2 / 63~65	Dec. 29, 2025~ Feb. 25, 2026
				Mar. 23, 2026~ May 27, 2026
Radiated (below 1GHz)	10CH01-CB	Tim Chen	22~23 / 64~65	May 05, 2026
RF Radiated (E.I.R.P. Power/PSD/Above 1GHz)	03CH02-CB	Paul Hu	24.7~24.8 / 58~66	Dec. 24, 2025~ May 28, 2026
	03CH01-CB	Sean Ku	24.8~24.9 / 60~69	
	03CH02-CB	Paul Hu	24.0~24.8 / 58~59	
	03CH03-CB	George Fan	23.9~24.0 / 63~66	
	03CH06-CB	Jimmy Huang	23.6~23.9 / 60~63	
	03CH02-CB	Paul Hu	24.4~25.0 / 57~64	
	03CH03-CB	George Fan	24.6~24.7 / 61~65	
	03CH06-CB	Jimmy Huang	23.8~24.0 / 58~61	
	03CH04-CB	Stim Sung	24.8~24.9 / 62~67	
AC Conduction	CO01-CB	Gray Lee	21~22 / 58~59	Feb. 09, 2026
RF Conducted (Contention-Based Protocol test)	DF02-CB	KJ Chang	20.4~20.9 / 65~69	Jan. 27, 2026~ Jan. 29, 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 Date: Before May 28, 2026

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.9 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%

Test Date: After May 27, 2026

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	4.5 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.3 dB	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For Full RU:

<Mode 1: UNII5>

Mode
802.11a_Nss1,(6Mbps)_4TX
5955MHz
6195MHz
6415MHz
Mode
802.11bn UHR20-BF_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
802.11bn UHR40-BF_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
802.11bn UHR80-BF_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
802.11bn UHR160-BF_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
802.11bn UHR320-BF_Nss1,(MCS0)_4TX
6105MHz
6265MHz
802.11bn UHR20-BF_Nss2,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
802.11bn UHR40-BF_Nss2,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
802.11bn UHR80-BF_Nss2,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
802.11bn UHR160-BF_Nss2,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
802.11bn UHR320-BF_Nss2,(MCS0)_4TX



6105MHz
6265MHz

<Mode 2: UNII7~8>

Mode
802.11a_Nss1,(6Mbps)_4TX
6595MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
Mode
802.11bn UHR20-BF_Nss1,(MCS0)_4TX
6595MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11bn UHR40-BF_Nss1,(MCS0)_4TX
6605MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11bn UHR80-BF_Nss1,(MCS0)_4TX
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11bn UHR160-BF_Nss1,(MCS0)_4TX
6665MHz
6825MHz
6985MHz
802.11bn UHR320-BF_Nss1,(MCS0)_4TX
6745MHz
6905MHz
802.11bn UHR20-BF_Nss2,(MCS0)_4TX
6595MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11bn UHR40-BF_Nss2,(MCS0)_4TX



6605MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11bn UHR80-BF_Nss2,(MCS0)_4TX
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11bn UHR160-BF_Nss2,(MCS0)_4TX
6665MHz
6825MHz
6985MHz
802.11bn UHR320-BF_Nss2,(MCS0)_4TX
6745MHz
6905MHz

**For Multi_RU/Puncturing:****<Mode 3: UNII5>**

Mode
802.11bn UHR80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
5985MHz
802.11bn UHR160_Nss1,(MCS0),RU996+RU484+RU242 MRU 7_4TX
6025MHz
802.11bn UHR160_Nss1,(MCS0),RU996+RU484 MRU 3_4TX
6025MHz
802.11bn UHR320_Nss1,(MCS0),3xRU996+RU484 MRU 5_4TX
6105MHz
802.11bn UHR320_Nss1,(MCS0),3xRU996 MRU 3_4TX
6105MHz
802.11bn UHR320_Nss1,(MCS0),2xRU996+RU484 MRU 3_4TX
6105MHz

<Mode 4: UNII8>

Mode
802.11bn UHR80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX
7025MHz
802.11bn UHR160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_4TX
6985MHz
802.11bn UHR160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
6985MHz
802.11bn UHR320_Nss1,(MCS0),3xRU996+RU484 MRU 3_4TX
6905MHz
802.11bn UHR320_Nss1,(MCS0),3xRU996 MRU 2_4TX
6905MHz
802.11bn UHR320_Nss1,(MCS0),2xRU996+RU484 MRU 8_4TX
6905MHz

Note:

- ♦ Evaluated UHR20/UHR40/UHR80/UHR160 mode only. Due to similar modulation, The power setting of HEW20/HEW40/HEW80/HEW160/EHT20/EHT40/EHT80/EHT160 mode are the same or lower than UHR20/UHR40/UHR80/UHR160.
- ♦ The EUT supports non-beamforming and beamforming modes, after evaluating, the beamforming mode has been selected to test.
- ♦ The EUT supports a maximum data rate up to MCS 23. After evaluation, MCS 0 was found to be the worst case and was selected for all test items.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	AP Router mode_WAN Mode: EUT + 10G WAN/LAN 1(WAN) + 2.5G WAN/LAN 1(LAN) + USB3.0(R/W) + USB2.0(R/W)
2	AP Router mode_WAN Mode: EUT + 2.5G WAN/LAN 1(WAN) + 10G WAN/LAN 1(LAN) + USB3.0(R/W) + USB2.0(R/W)
3	AP Router mode_WWAN Mode(USB2.0): 10G WAN/LAN 1 (LAN) + 2.5G WAN/LAN 1 (LAN) + USB3.0(R/W) + USB2.0(WWAN)
4	AP Router mode_WWAN mode(USB3.0): EUT + 10G WAN/LAN 1(LAN) + 2.5G WAN/LAN 1 (LAN) + USB3.0(WWAN) + USB2.0(R/W)
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth
Test Condition	Conducted measurement at transmit chains
1	EUT_Full RU: Indoor Access Point and Subordinate UNII5 / Non-beamforming mode
2	EUT_Full RU: Indoor Access Point and Subordinate UNII5 / Beamforming mode
3	EUT_Full RU: Indoor Access Point and Subordinate UNII7~8 / Non-beamforming mode
4	EUT_Full RU: Indoor Access Point and Subordinate UNII7~8 / 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.
After evaluating, the worst case was found at Z axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Z axis_Full RU: Indoor Access Point and Subordinate UNII5 / Non-beamforming mode
2	EUT in Z axis_Full RU: Indoor Access Point and Subordinate UNII5 / Beamforming mode
3	EUT in Z axis_Full RU: Indoor Access Point and Subordinate UNII7~8 / Non-beamforming mode
4	EUT in Z axis_Full RU: Indoor Access Point and Subordinate UNII7~8 / Beamforming mode
5	EUT in Z axis_Multi_RU/Puncturing: Indoor Access Point and Subordinate UNII5
6	EUT in Z axis_Multi_RU/Puncturing: Indoor Access Point and Subordinate UNII8

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.
After evaluating, the worst case was found at Z axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Z axis_Full RU: Indoor Access Point and Subordinate UNII5 / Non-beamforming mode
2	EUT in Z axis_Full RU: Indoor Access Point and Subordinate UNII5 / Beamforming mode
3	EUT in Z axis_Full RU: Indoor Access Point and Subordinate UNII7~8 / Non-beamforming mode
4	EUT in Z axis_Full RU: Indoor Access Point and Subordinate UNII7~8 / Beamforming mode
5	EUT in Z axis_Multi_RU/Puncturing: Indoor Access Point and Subordinate UNII5
6	EUT in Z axis_Multi_RU/Puncturing: Indoor Access Point and Subordinate UNII8

The Worst Case Mode for Following Conformance Tests	
Tests Item	Contention Based Protocol
Test Condition	Conducted measurement at transmit chains
1	EUT_Full RU: Indoor Access Point and Subordinate UNII5
2	EUT_Full RU: Indoor Access Point and Subordinate UNII7~8



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	Normal Link
1. After evaluating, and the worst case was found at Z axis, so it was selected to perform test and its test result was written in the report. 2. There are four modes of EUT listed below: (1) AP Router mode_WAN Mode: EUT in Z axis + 10G WAN/LAN 1(WAN) + 2.5G WAN/LAN 1(LAN) + USB3.0(R/W) + USB2.0(R/W) (2) AP Router mode_WAN Mode: EUT in Z axis + 2.5G WAN/LAN 1(WAN) + 10G WAN/LAN 1(LAN) + USB3.0(R/W) + USB2.0(R/W) (3) AP Router mode_WWAN Mode(USB2.0): EUT in Z axis + 10G WAN/LAN 1 (LAN) + 2.5G WAN/LAN 1 (LAN) + USB3.0(R/W) + USB2.0(WWAN) (4) AP Router mode_WWAN mode(USB3.0): EUT in Z axis + 10G WAN/LAN 1(LAN) + 2.5G WAN/LAN 1 (LAN) + USB3.0(WWAN) + USB2.0(R/W) "Mode 1" has been evaluated to be the worst case. So the measurement will follow this same test configuration.	
1	AP Router mode_WAN Mode: EUT in Z axis + 10G WAN/LAN 1(WAN) + 2.5G WAN/LAN 1(LAN) + USB3.0(R/W) + USB2.0(R/W)
Operating Mode > 1GHz	CTX
After evaluating, and the worst case was found at Z axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Z axis_Full RU: UNII5 / Non-beamforming mode
2	EUT in Z axis_Full RU: UNII5 / Beamforming mode
3	EUT in Z axis_Full RU: UNII7~8 / Non-beamforming mode
4	EUT in Z axis_Full RU: UNII7~8 / Beamforming mode
5	EUT in Z axis_Multi_RU/Puncturing: UNII5
6	EUT in Z axis_Multi_RU/Puncturing: UNII8



The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission MASK
Test Condition	Conducted measurement at transmit chains
1	EUT_Full RU: Indoor Access Point and Subordinate UNII5 / Non-beamforming mode
2	EUT_Full RU: Indoor Access Point and Subordinate UNII5 / Beamforming mode
3	EUT_Full RU: Indoor Access Point and Subordinate UNII7~8 / Non-beamforming mode
4	EUT_Full RU: Indoor Access Point and Subordinate UNII7~8 / Beamforming mode
5	EUT_Multi_RU/Puncturing: Indoor Access Point and Subordinate UNII5
6	EUT_Multi_RU/Puncturing: Indoor Access Point and Subordinate UNII8

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 + 6GHz UNII5 + 6GHz UNII7~8 + WWAN
2	WLAN 2.4GHz + WLAN 5GHz + 6GHz UNII5 + 6GHz UNII7~8
Refer to Sporton Test Report No.: FA5D1648-01 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:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 10 were executed.

The program was executed as follows:

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

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter	ASUS	MU60B3120500-A1	INPUT: 100-240V ~ 50/60Hz, 1.5A OUTPUT: 12.0V, 5.0A
Other			
RJ-45 cable*1: Shielded, 1.5m			



2.5 Support Equipment

For AC Conduction and Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	10G WAN/LAN1 PC (WAN Function)	DELL	OPTIPLEX 3010	N/A
B	2.5G WAN/LAN1 PC (LAN Function)	DELL	OPTIPLEX 3010	N/A
C	2.5G LAN2 PC	DELL	OPTIPLEX 3010	N/A
D	2.5G LAN4 PC	DELL	OPTIPLEX 3010	N/A
E	1G LAN5 PC	DELL	OPTIPLEX 3010	N/A
F	10G LAN6 PC	DELL	OPTIPLEX 3010	N/A
G	Flash disk3.0	Transcend	JetFlash-703	N/A
H	Flash disk2.0	Tcell	Push	N/A
I	2.4G NB	Lenovo	X260	N/A
J	5G NB	Lenovo	X260	N/A
K	6G Device	INTEL	BE200	PD9BE200NG
L	6G NB	DELL	E7240	N/A

For Radiated (above 1GHz)

For Non-beamforming mode:

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

For Beamforming mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Client	ASUS	GT-BN98	N/A
C	NB	DELL	E4300	N/A

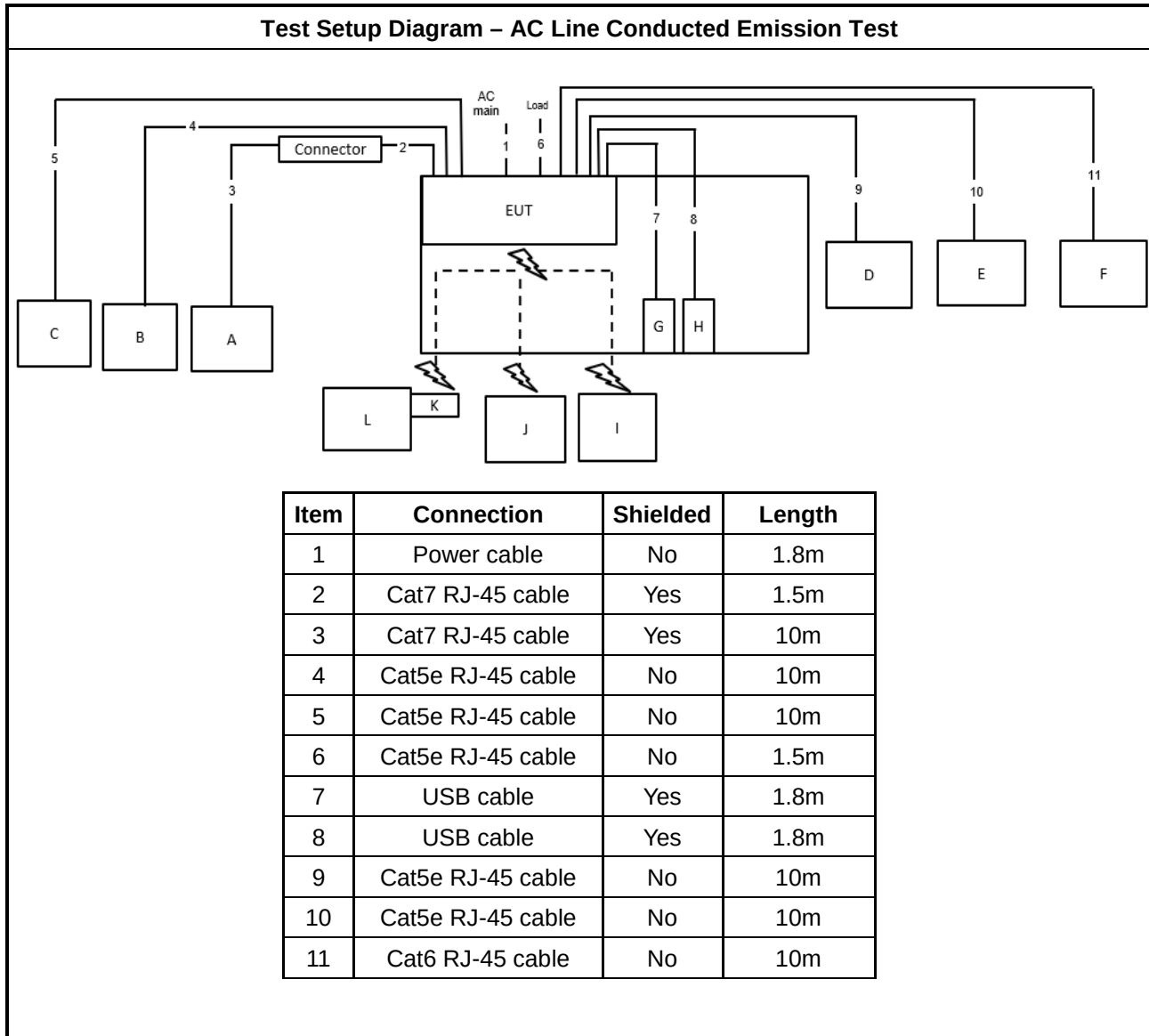
**For RF Conducted:**

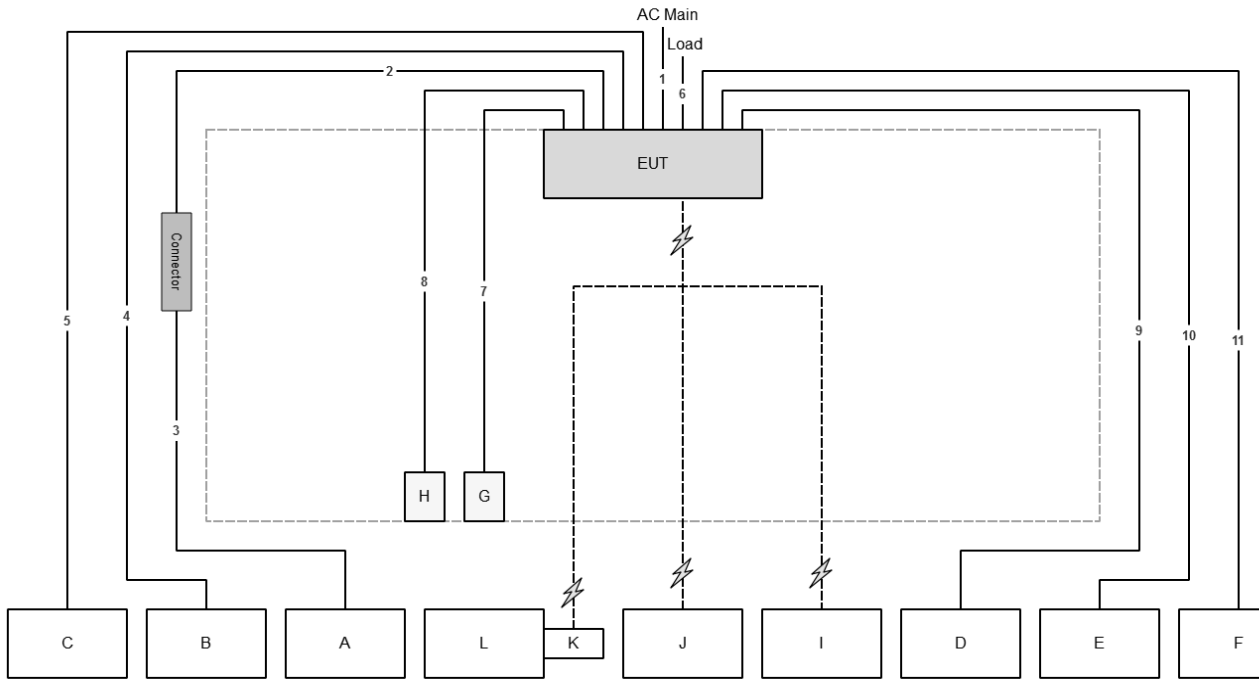
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A

For RF Conducted (Contention Based Protocol test):

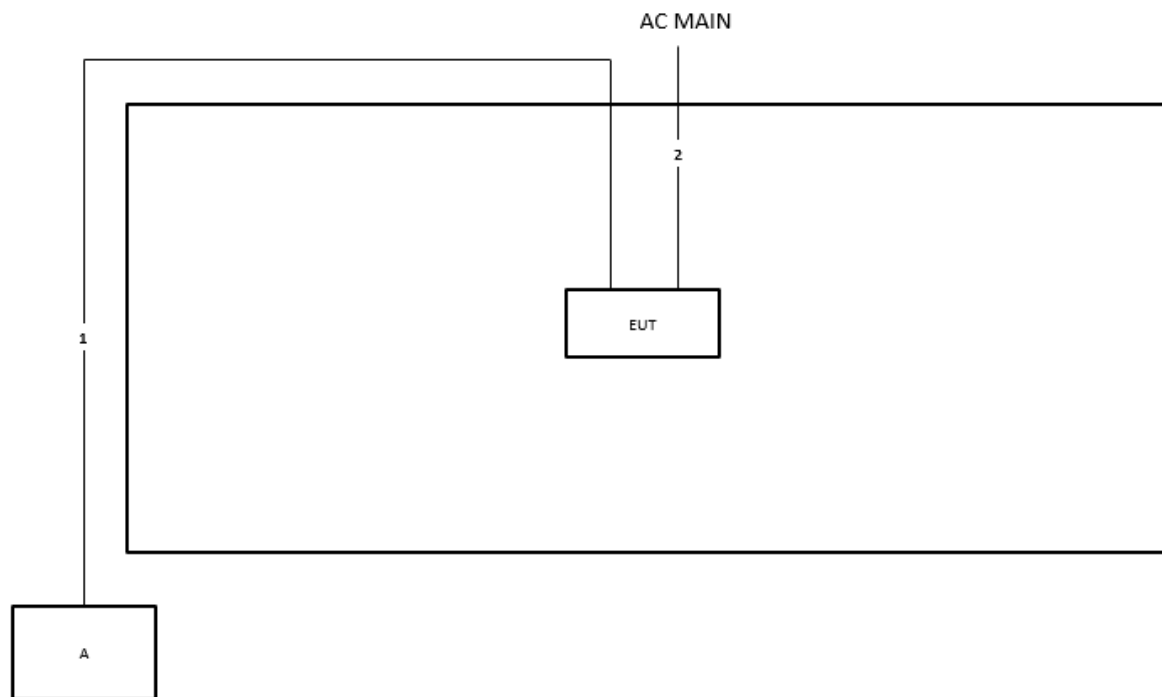
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	WLAN AP	ASUS	GT-BN98	N/A

2.6 Test Setup Diagram

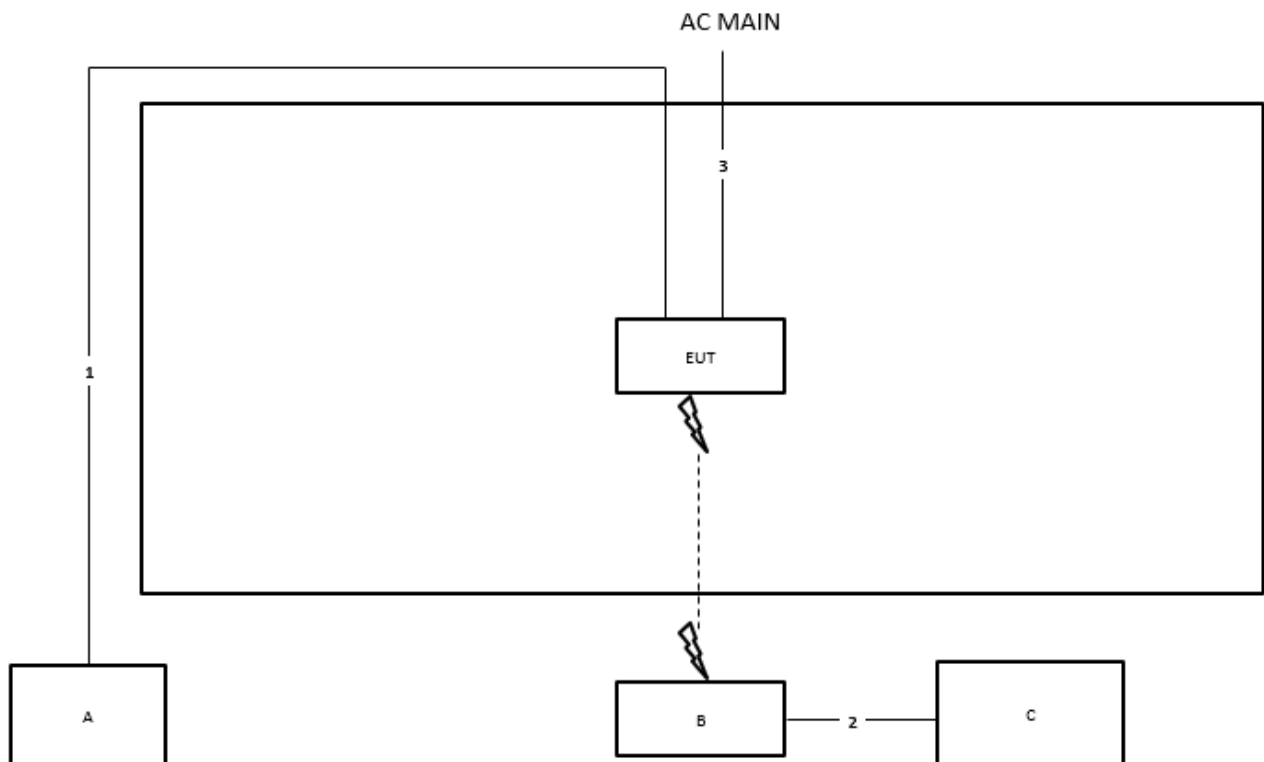


Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	Cat7 RJ-45 cable	Yes	1.5m
3	Cat7 RJ-45 cable	Yes	10m
4	Cat5e RJ-45 cable	No	10m
5	Cat5e RJ-45 cable	No	10m
6	Cat5e RJ-45 cable	No	1.5m
7	USB cable	Yes	1.8m
8	USB cable	Yes	1.8m
9	Cat5e RJ-45 cable	No	10m
10	Cat5e RJ-45 cable	No	10m
11	Cat6 RJ-45 cable	No	10m

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	RJ-45 cable	No	1.5m
3	Power cable	No	1.8m

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.		

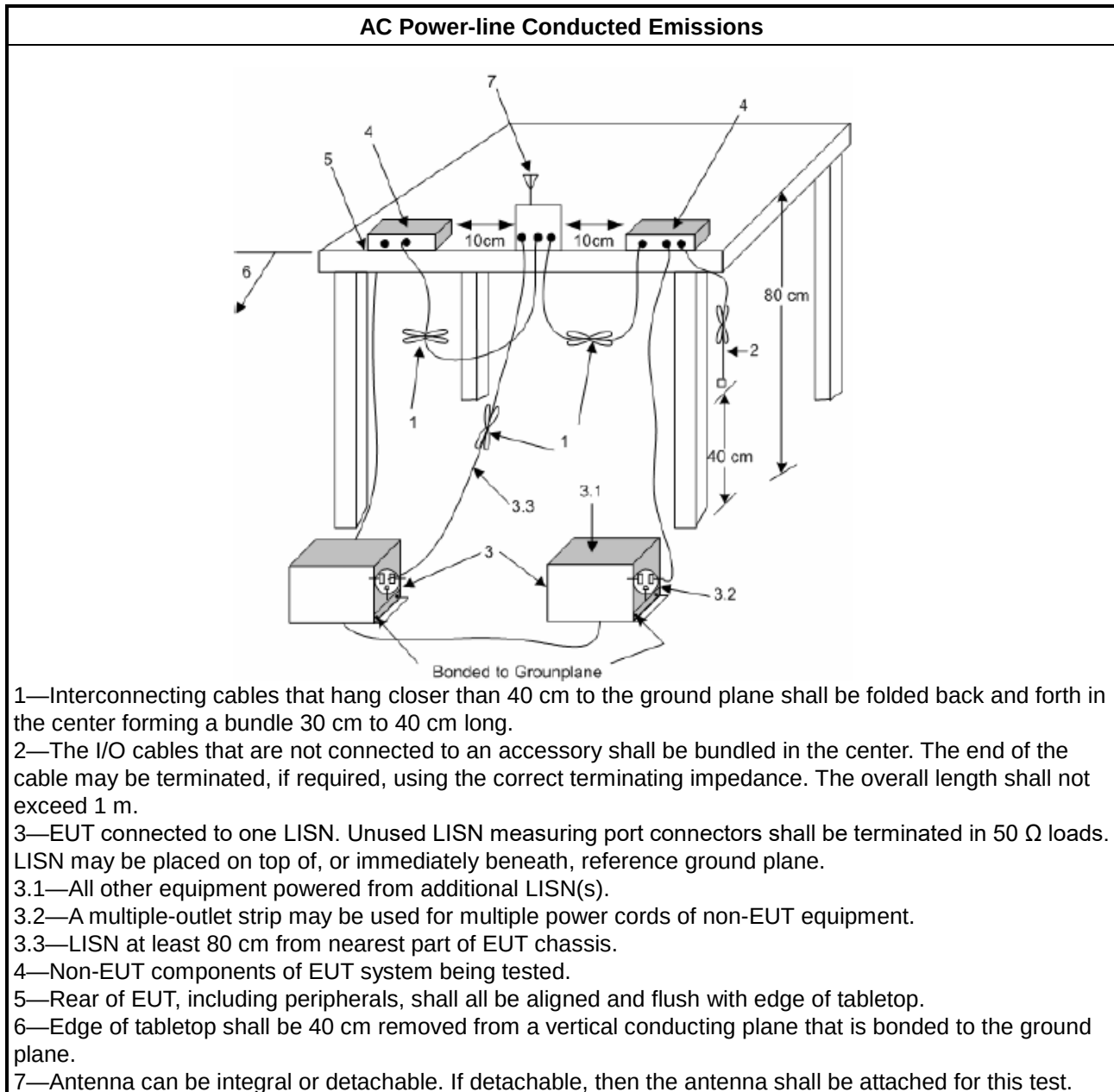
3.1.2 Measuring Instruments

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.

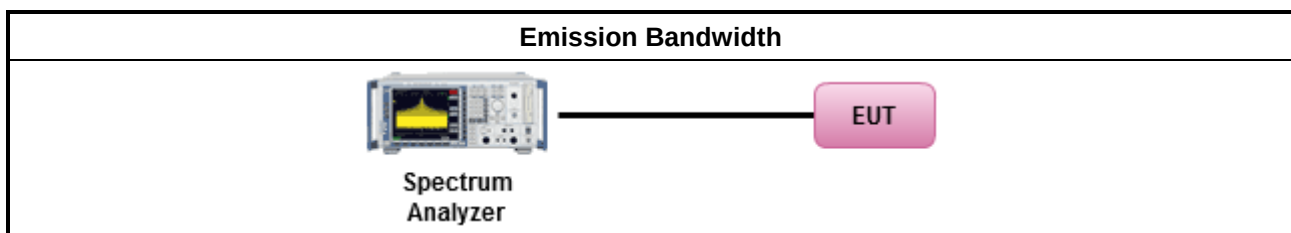
3.2.2 Measuring Instruments

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

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

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



- | |
|--|
| <ul style="list-style-type: none">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). |
| <ul style="list-style-type: none">For standard client devices < 30 dBm. |

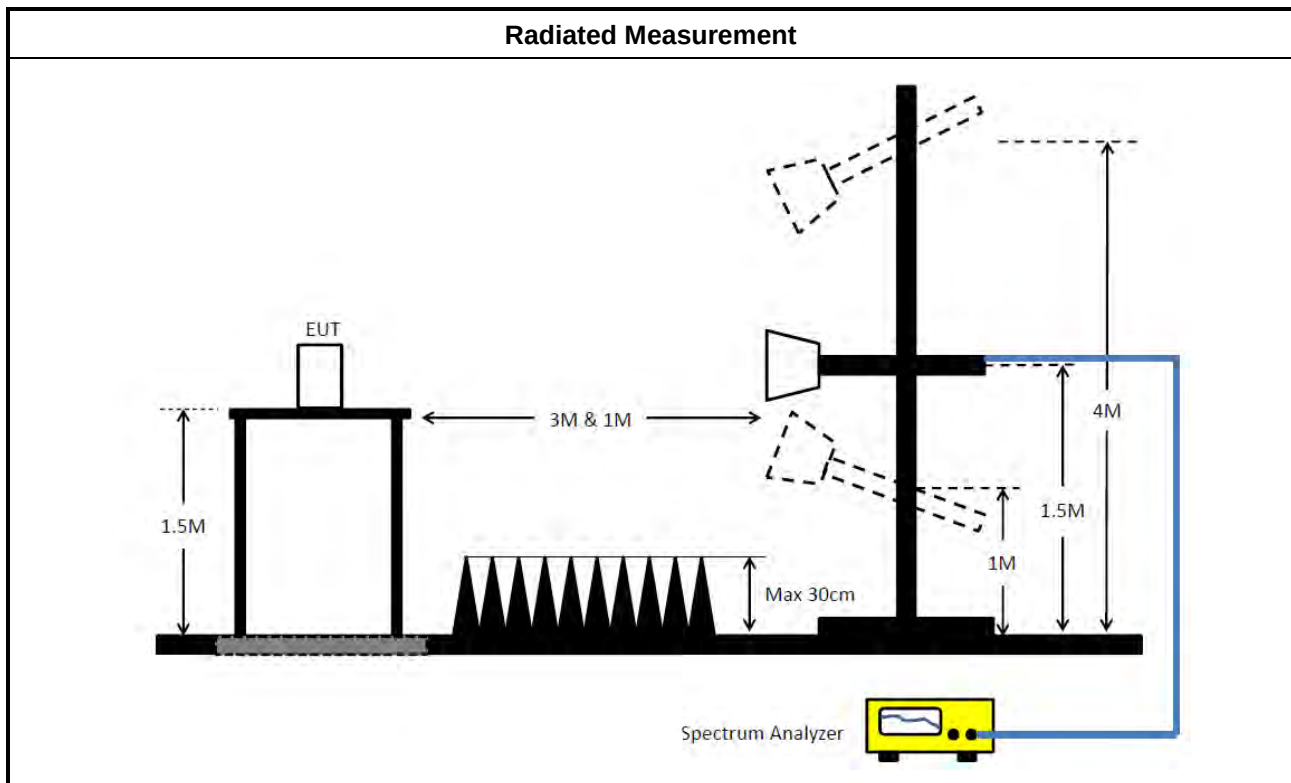
3.3.2 Measuring Instruments

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

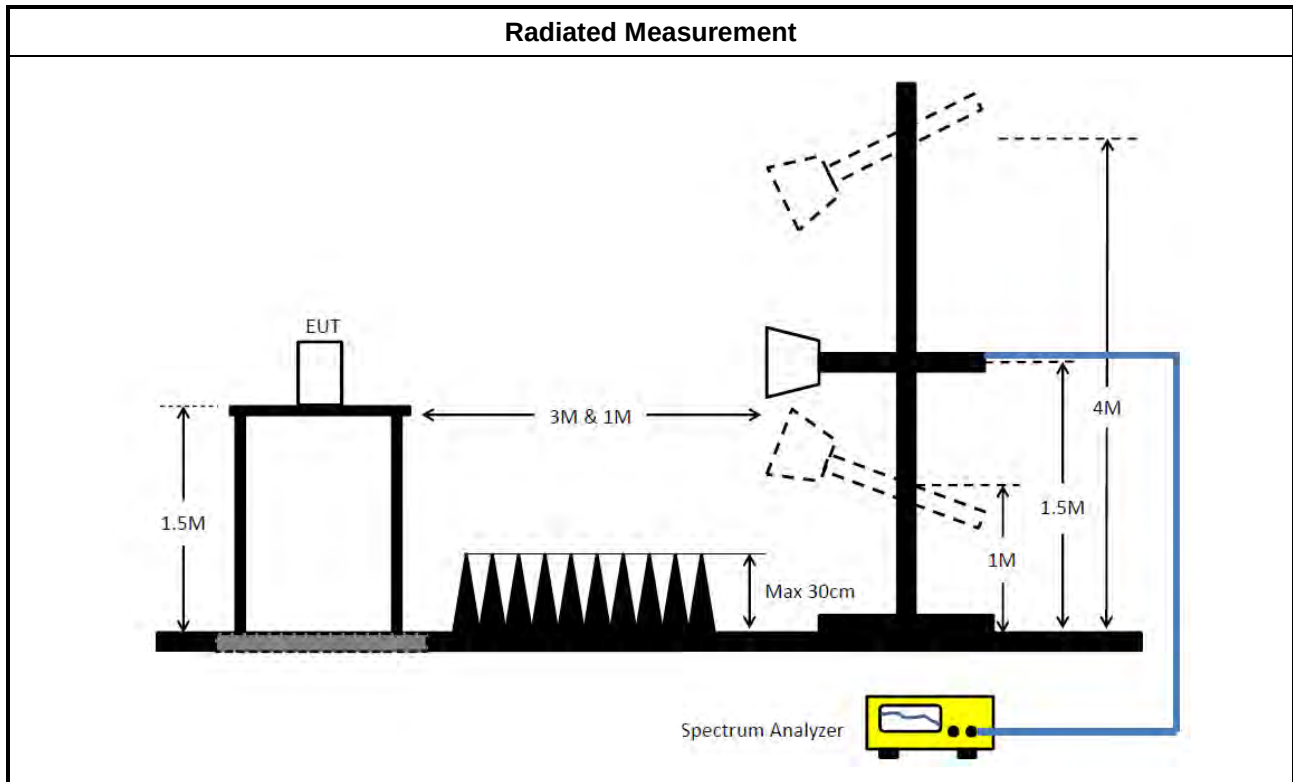
Refer a test equipment and calibration data table in this test report.

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

Test Method	
	- 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

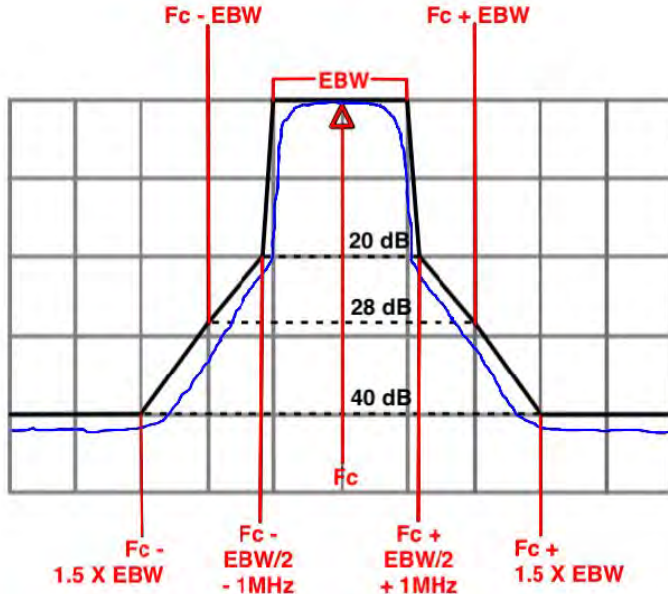
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3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



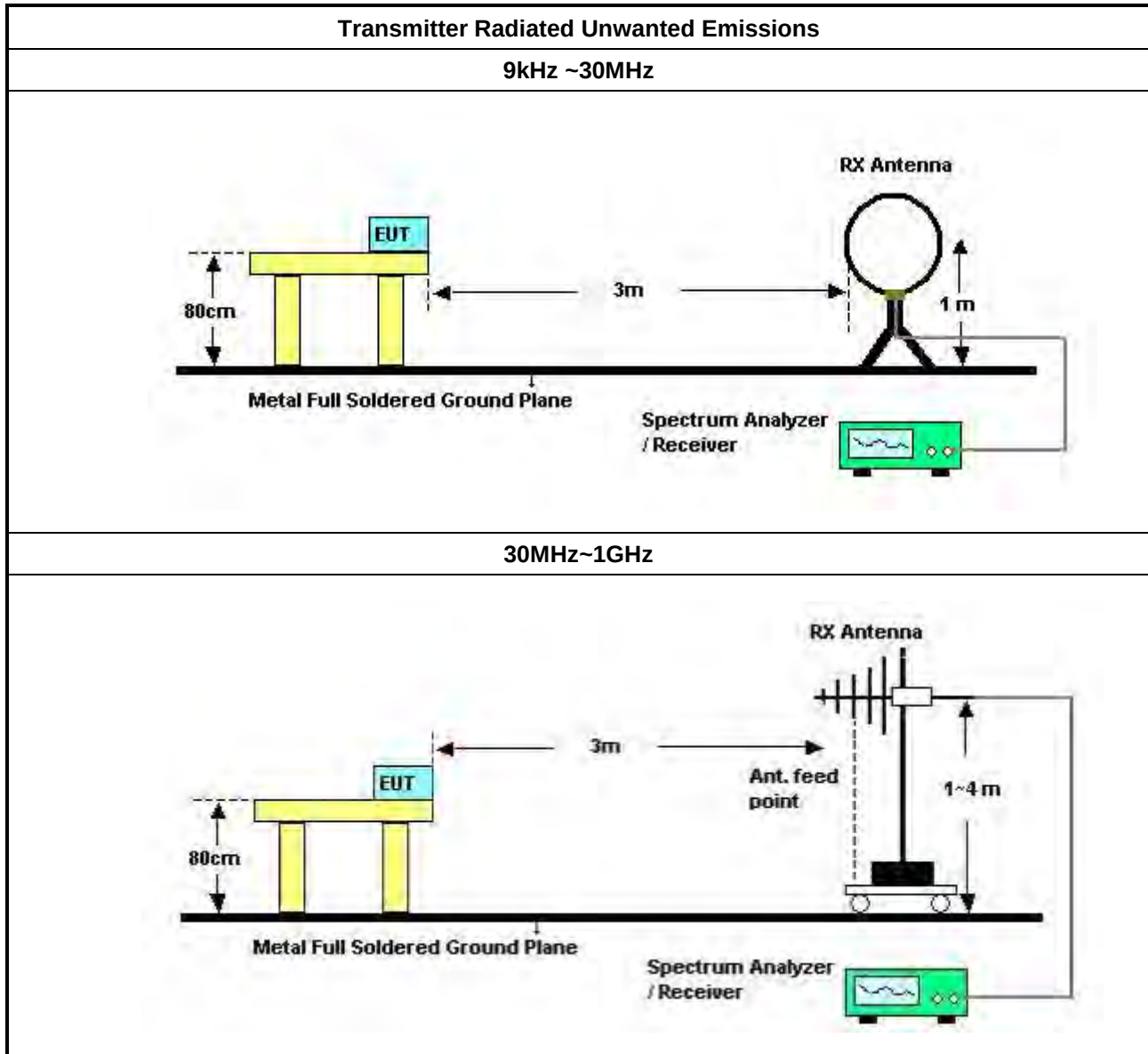
3.5.2 Measuring Instruments

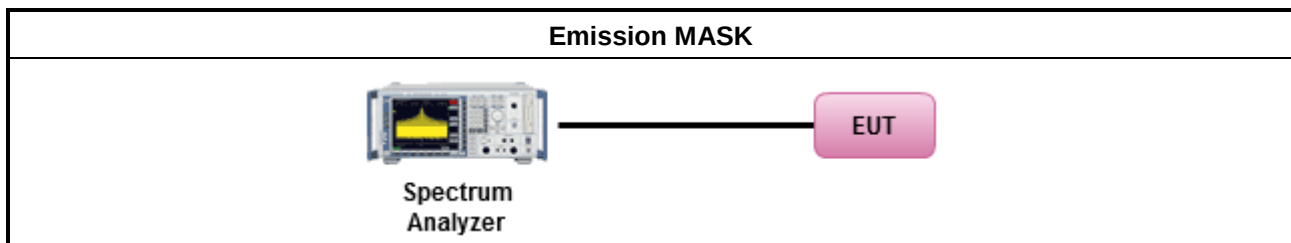
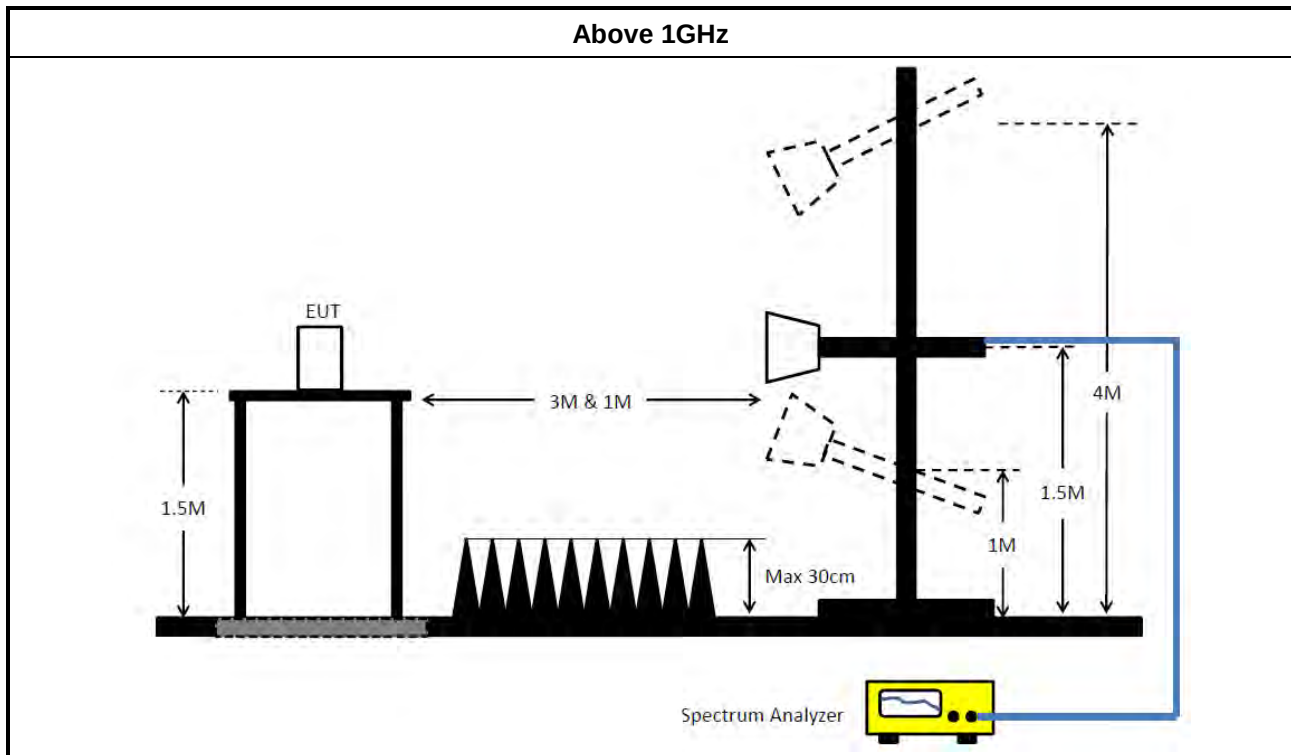
Refer a test equipment and calibration data table in this test report.

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.

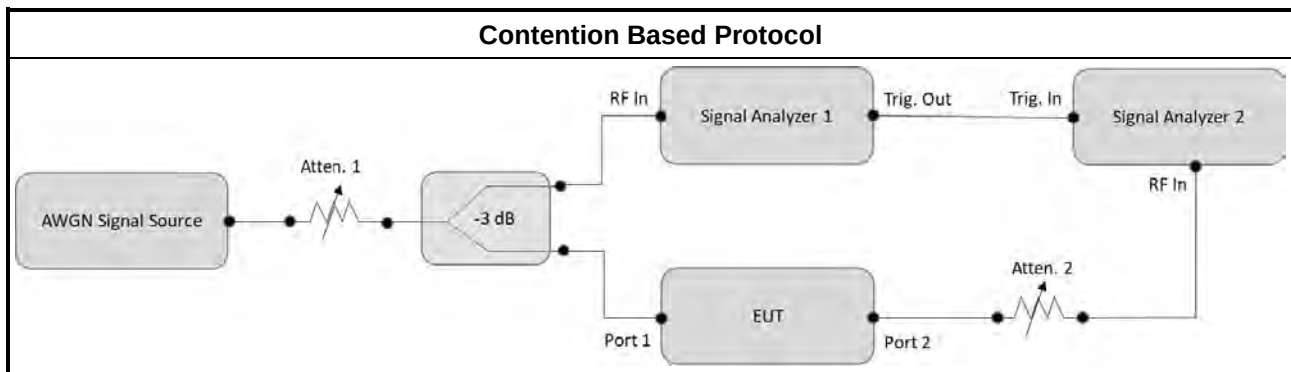
3.6.2 Measuring Instruments

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. 06, 2025	Mar. 05, 2026	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	May 10, 2025	May 09, 2026	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 (10CH01-CB)
10m Semi Anechoic Chamber NSA	TDK	SAC-10M	10CH01-CB	30MHz~1GHz 10m,3m	Jan. 14, 2026	Jan. 13, 2027	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10783	9kHz ~ 1.3GHz	Mar. 07, 2026	Mar. 06, 2027	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10784	9kHz ~ 1.3GHz	Mar. 07, 2026	Mar. 06, 2027	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-01	25MHz ~ 1GHz	Oct. 14, 2025	Oct. 13, 2026	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-02	25MHz ~ 1GHz	Oct. 14, 2025	Oct. 13, 2026	Radiation (10CH01-CB)
High Cable	TITAN	T318E	High cable01	30MHz ~ 18GHz	Nov. 14, 2025	Nov. 13, 2026	Radiation (10CH01-CB)
Bilog Ant & 6dB Attenuator	SCHWARZBECK & EMCI	VULB 9168 & N-6-06	1469 & AT-N06021	30MHz ~ 1GHz	Jan. 08, 2026	Jan. 07, 2027	Radiation (10CH01-CB)
Amplifier	EM	EM101	060703	10MHz ~ 1GHz	Oct. 15, 2025	Oct. 14, 2026	Radiation (10CH01-CB)
EMI Test Receiver	Rohde&Schwarz	ESR7	103076	9 kHz ~ 7GHz	Aug. 27, 2025	Aug. 26, 2026	Radiation (10CH01-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Sep. 03, 2025	Sep. 02, 2026	Radiation (10CH01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (10CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 03, 2025	May 02, 2026	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 02, 2026	May 01, 2027	Radiation (03CH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1 ~ 18GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1~ 18GHz	Sep. 10, 2025	Sep. 09, 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	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 15, 2026	May 14, 2027	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH01-CB)
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	Sep. 25, 2025	Sep. 24, 2026	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	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 23, 2025	Mar. 22, 2026	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 21, 2026	Mar. 20, 2027	Radiation (03CH02-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1 ~ 18GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH02-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1~ 18GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH02-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18GHz	Nov. 05, 2025	Nov. 04, 2026	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH02-CB)
Pre-Amplifier	EM	EM01G18GA	60844	1 ~ 18GHz	Mar. 11, 2025	Mar. 10, 2026	Radiation (03CH02-CB)
Pre-Amplifier	EM	EM01G18GA	60844	1 ~ 18GHz	Mar. 10, 2026	Mar. 09, 2027	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	Aug. 20, 2025	Aug. 19, 2026	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Jun. 19, 2025	Jun. 18, 2026	Radiation (03CH02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Nov. 13, 2025	Nov. 12, 2026	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH02-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)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1 ~ 18GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH03-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1~ 18GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz	Feb. 20, 2025	Feb. 19, 2026	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz	Feb. 06, 2026	Feb. 05, 2027	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	EM	EM01G18GA	60844	1 ~ 18GHz	Mar. 11, 2025	Mar. 10, 2026	Radiation (03CH03-CB)
Pre-Amplifier	EM	EM01G18GA	60844	1 ~ 18GHz	Mar. 10, 2026	Mar. 09, 2027	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)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1 ~ 18GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH04-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1~ 18GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 31, 2025	Dec. 30, 2026	Radiation (03CH04-CB)
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. 16, 2025	Jan. 15, 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	SGH5265	20240911-1	1~ 26.5GHz	Sep. 18, 2025	Sep. 17, 2026	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 24, 2025	Mar. 23, 2026	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 30, 2026	Mar. 29, 2027	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	1GHz - 18GHz	Apr. 24, 2026	Apr. 23, 2027	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Apr. 25, 2025	Apr. 24, 2026	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Apr. 24, 2026	Apr. 23, 2027	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)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1 ~ 18GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH05-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1~ 18GHz	Sep. 10, 2025	Sep. 09, 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	SGH5265	20211115-1	1~ 26.5GHz	Jan. 16, 2025	Jan. 15, 2026	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 13, 2026	Jan. 12, 2027	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH5265	20240911-1	1~ 26.5GHz	Sep. 18, 2025	Sep. 17, 2026	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Jun. 10, 2025	Jun. 09, 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)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH06-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1 ~ 18GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH06-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1~ 18GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC12630SE	980383	1GHz ~ 18GHz	Jul. 30, 2025	Jul. 29, 2026	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Nov. 13, 2025	Nov. 12, 2026	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV3044	101320	9kHz ~ 44GHz	Aug. 07, 2025	Aug. 06, 2026	Conducted (TH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1 ~ 18GHz	Sep. 10, 2025	Sep. 09, 2026	Conducted (TH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1~ 18GHz	Sep. 10, 2025	Sep. 09, 2026	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~18 GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Jul. 04, 2025	Jul. 03, 2026	Conducted (TH01-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH01-CB)
Spectrum Analyzer	R&S	FSV40	101025	9kHz ~ 40GHz	Nov. 12, 2025	Nov. 11, 2026	Conducted (DF02-CB)
Signal generator	R&S	SMB100A	177785	1MHz-40GHz	Oct. 02, 2025	Oct. 01, 2026	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 Power Divider	Woken	4 Way	DF02-DV02	1 ~ 6GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (DF02-CB)
RF Power Divider	Woken	4 Way	DF02-DV04	1 ~ 6GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (DF02-CB)
RF Power Divider	Woken	4 Way	DF02-DV05	1 ~ 6GHz	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.



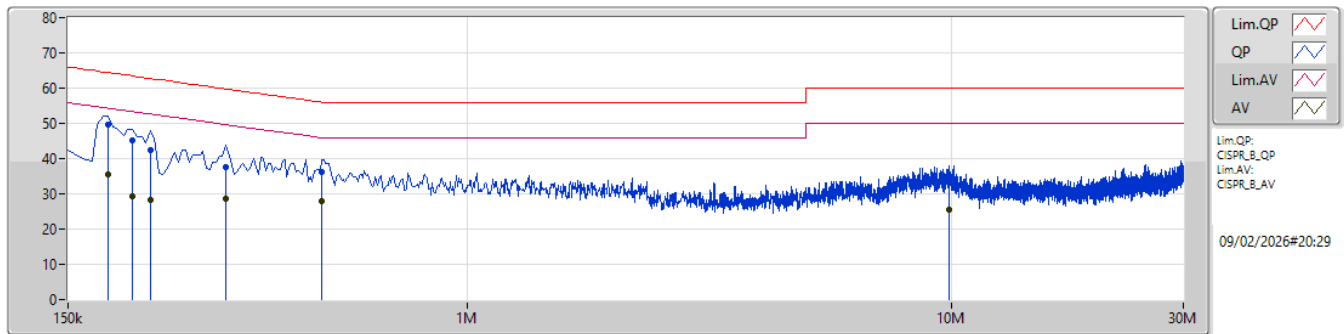
Conducted Emissions at Powerline

Appendix A

Summary

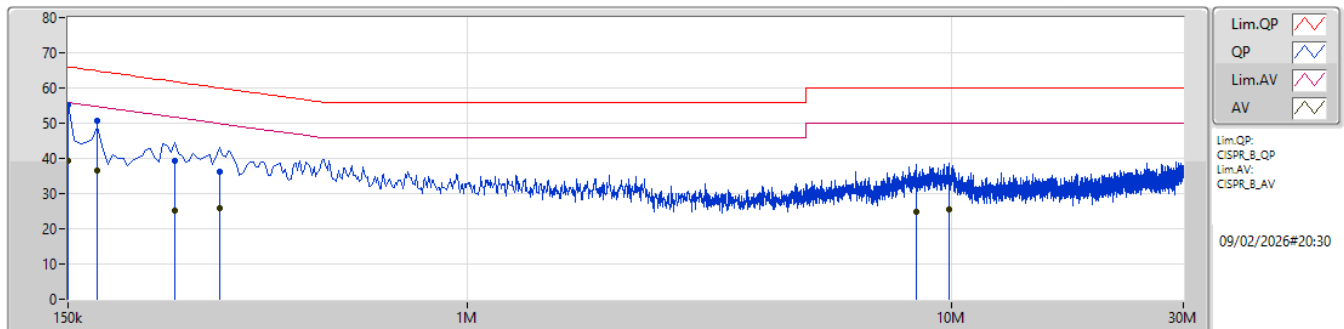
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	55.31	66.00	-10.69	Neutral

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	PA (dB)	AT (dB)				
QP	181.5k	49.69	64.41	-14.72	9.95	Line	"Worst"	39.74	0.06	0.07	-0.02	9.80				
AV	181.5k	35.45	54.41	-18.96	9.95	Line	-	25.50	0.06	0.07	-0.02	9.80				
QP	204k	45.20	63.44	-18.24	9.90	Line	-	35.30	0.06	0.06	-0.02	9.76				
AV	204k	29.17	53.44	-24.27	9.90	Line	-	19.27	0.06	0.06	-0.02	9.76				
QP	222k	42.41	62.75	-20.34	9.93	Line	-	32.48	0.06	0.07	-0.02	9.78				
AV	222k	28.42	52.75	-24.33	9.93	Line	-	18.49	0.06	0.07	-0.02	9.78				
QP	316.5k	37.45	59.80	-22.35	10.03	Line	-	27.42	0.05	0.10	-0.03	9.85				
AV	316.5k	28.53	49.80	-21.27	10.03	Line	-	18.50	0.05	0.10	-0.03	9.85				
QP	500k	36.04	56.00	-19.96	10.12	Line	-	25.92	0.06	0.13	-0.03	9.90				
AV	500k	27.86	46.00	-18.14	10.12	Line	-	17.74	0.06	0.13	-0.03	9.90				
QP	9.852M	33.22	60.00	-26.78	11.45	Line	-	21.77	0.23	0.27	-0.85	10.10				
AV	9.852M	25.37	50.00	-24.63	11.45	Line	-	13.92	0.23	0.27	-0.85	10.10				

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	PA (dB)	AT (dB)				
QP	150k	55.31	66.00	-10.69	10.11	Neutral	"Worst"	45.20	0.08	0.10	-0.05	9.88				
AV	150k	39.44	56.00	-16.56	10.11	Neutral	-	29.33	0.08	0.10	-0.05	9.88				
QP	172.5k	50.66	64.83	-14.17	10.03	Neutral	-	40.63	0.08	0.08	-0.05	9.82				
AV	172.5k	36.38	54.83	-18.45	10.03	Neutral	-	26.35	0.08	0.08	-0.05	9.82				
QP	249k	39.31	61.79	-22.48	10.01	Neutral	-	29.30	0.08	0.08	-0.05	9.80				
AV	249k	25.10	51.79	-26.69	10.01	Neutral	-	15.09	0.08	0.08	-0.05	9.80				
QP	307.5k	36.35	60.03	-23.68	10.09	Neutral	-	26.26	0.08	0.10	-0.06	9.85				
AV	307.5k	25.71	50.03	-24.32	10.09	Neutral	-	15.62	0.08	0.10	-0.06	9.85				
QP	8.426M	32.40	60.00	-27.60	11.48	Neutral	-	20.92	0.24	0.25	-0.95	10.04				
AV	8.426M	24.76	50.00	-25.24	11.48	Neutral	-	13.28	0.24	0.25	-0.95	10.04				
QP	9.861M	33.68	60.00	-26.32	11.71	Neutral	-	21.97	0.26	0.27	-1.08	10.10				
AV	9.861M	25.51	50.00	-24.49	11.71	Neutral	-	13.80	0.26	0.27	-1.08	10.10				

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11a_Nss1_(6Mbps)_4TX	21.395M	16.736M	16M7D1D	20.845M	16.592M

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)
802.11a_Nss1_(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	320M	20.955M	16.667M	20.845M	16.676M	20.845M	16.631M	21.01M	16.592M
6195MHz	Pass	320M	21.01M	16.736M	21.01M	16.685M	21.01M	16.67M	21.175M	16.638M
6415MHz	Pass	320M	21.395M	16.651M	21.12M	16.61M	20.9M	16.659M	21.01M	16.668M

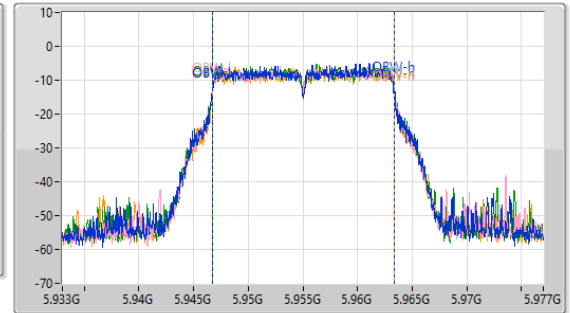
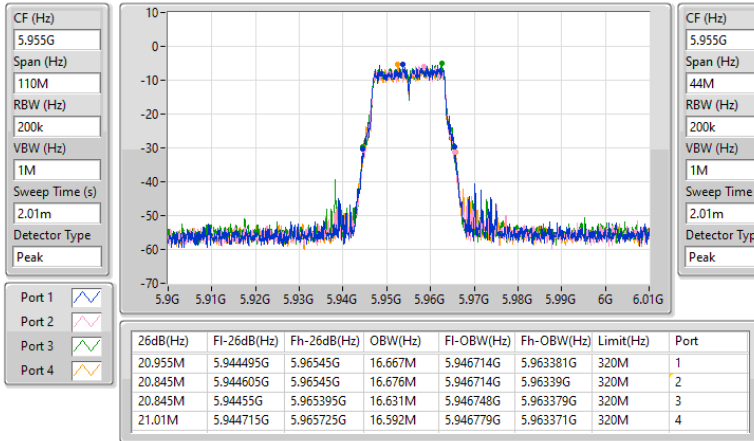
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5955MHz

17/01/2026

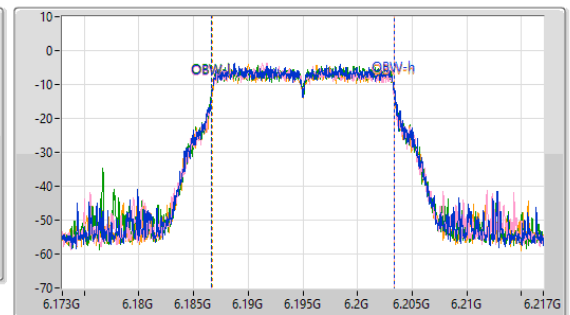
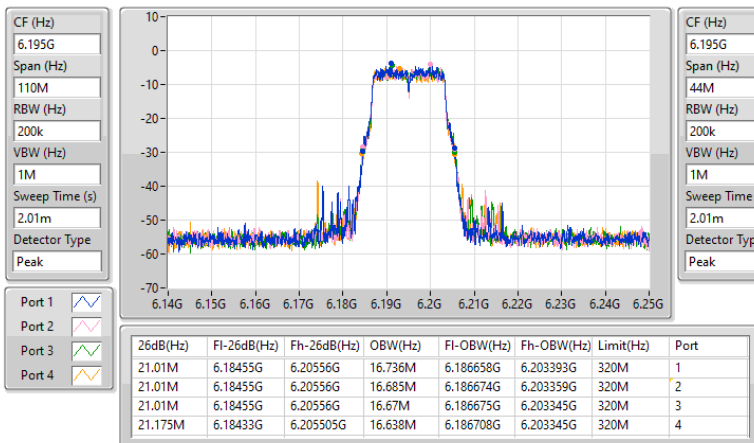


5.925-6.425GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6195MHz

17/01/2026

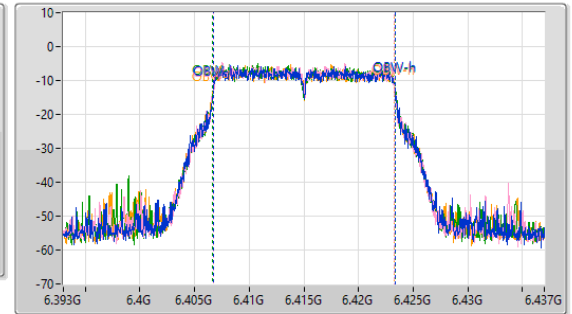
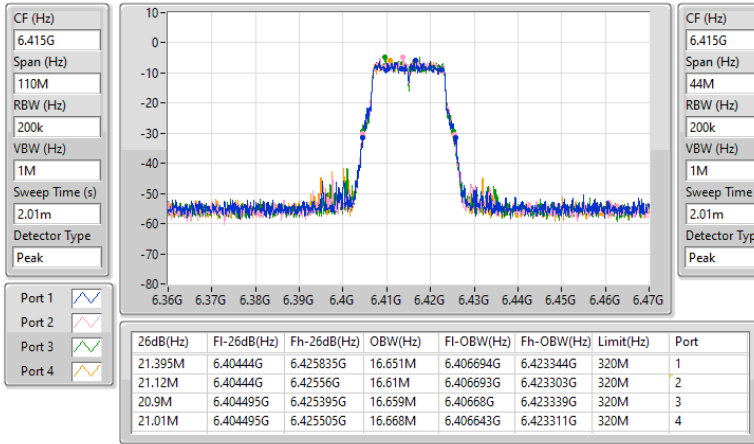


5.925-6.425GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6415MHz

17/01/2026



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	21.615M	19.082M	19M1D1D	21.065M	18.945M
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	21.505M	19.113M	19M1D1D	20.9M	18.97M
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	40.15M	37.842M	37M8D1D	39.49M	37.683M
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	39.93M	37.799M	37M8D1D	39.49M	37.611M
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	81.4M	77.224M	77M2D1D	80.52M	76.932M
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	82.06M	77.231M	77M2D1D	80.52M	76.958M
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	164.56M	156.652M	157MD1D	161.92M	155.662M
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	164.12M	156.426M	156MD1D	161.92M	155.856M
802.11bn UHR320-BF_Nss1,(MCS0)_4TX	326.48M	315.144M	315MD1D	323.84M	314.201M
802.11bn UHR320-BF_Nss2,(MCS0)_4TX	327.36M	315.039M	315MD1D	323.84M	314.057M

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

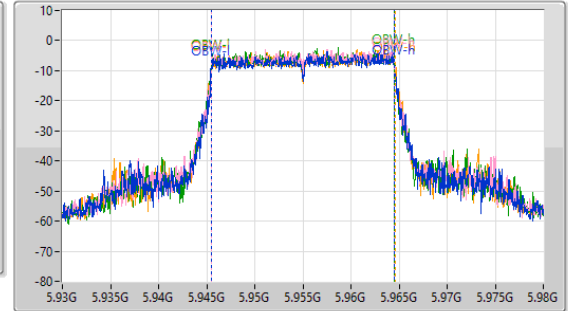
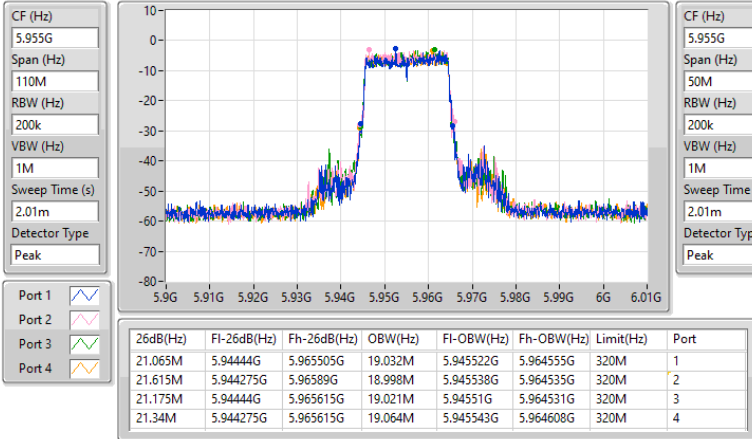
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11bn UHR20-BF_Nss1,(MCS0)_4TX

EBW

5955MHz

10/01/2026

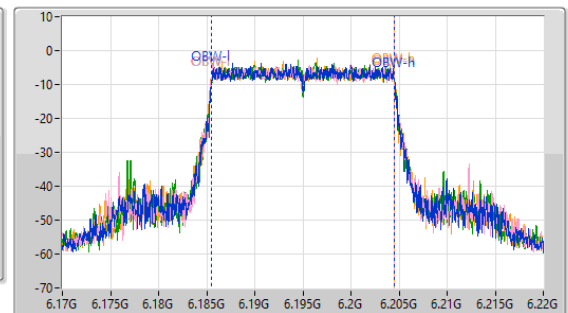
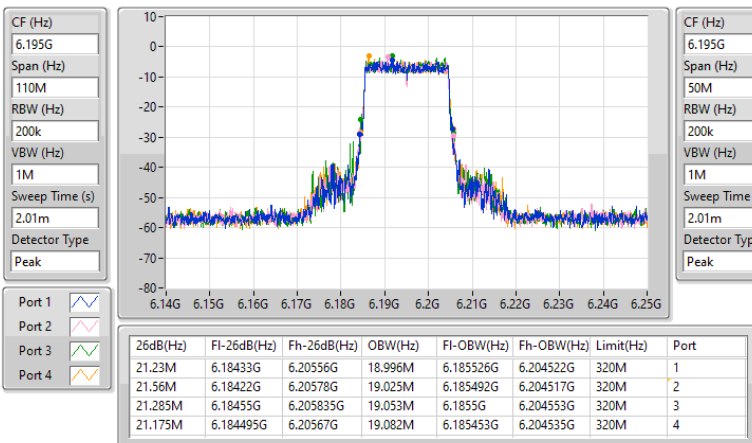


5.925-6.425GHz_802.11bn UHR20-BF_Nss1,(MCS0)_4TX

EBW

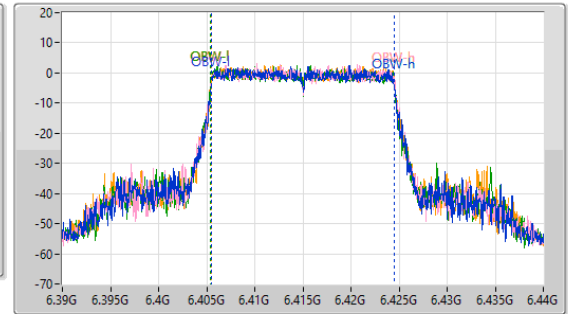
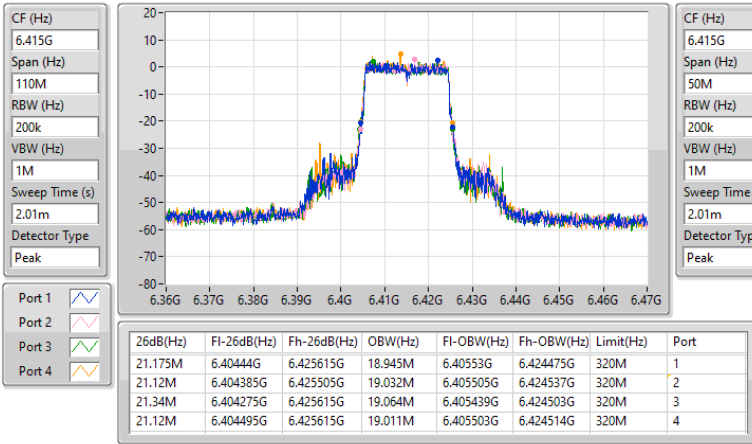
6195MHz

10/01/2026

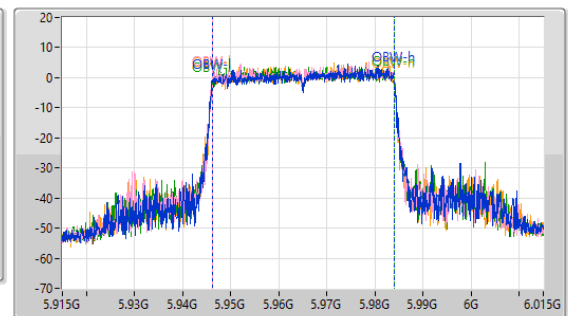
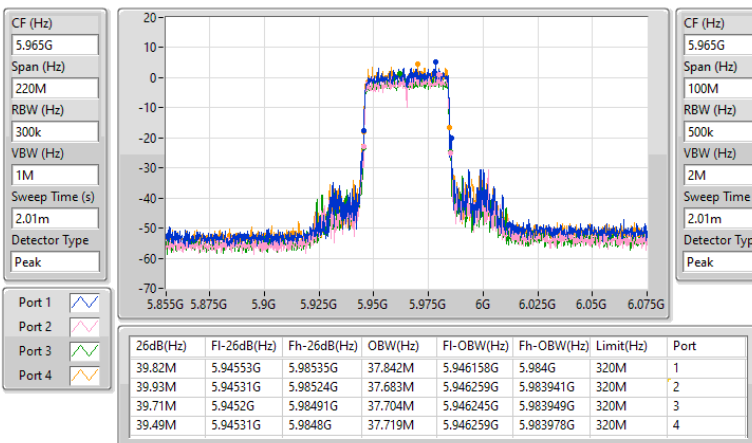


5.925-6.425GHz_802.11bn UHR20-BF_Nss1,(MCS0)_4TX
EBW
6415MHz

10/01/2026

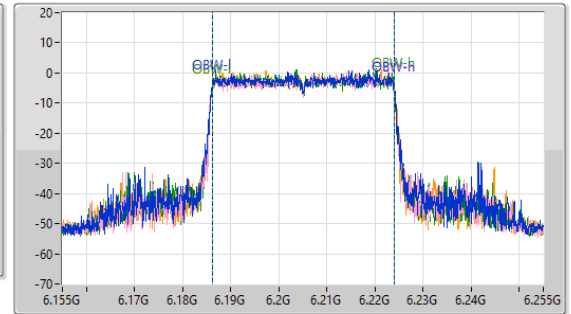
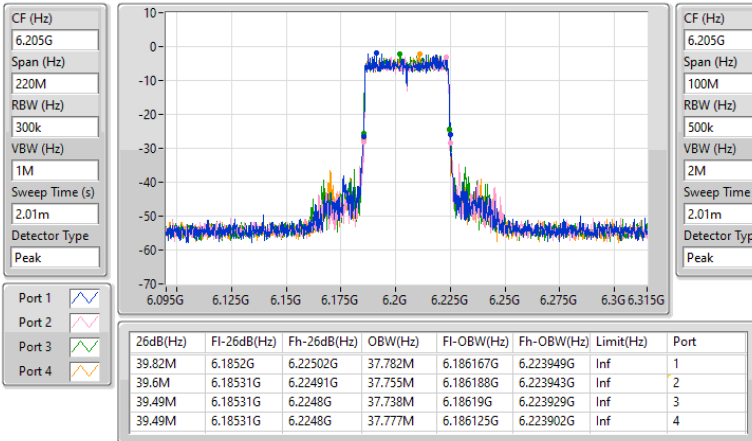

5.925-6.425GHz_802.11bn UHR40-BF_Nss1,(MCS0)_4TX
EBW
5965MHz

10/01/2026

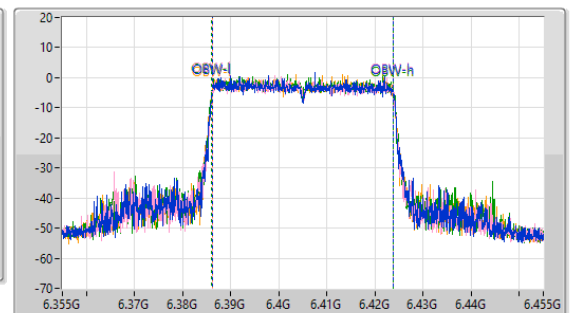
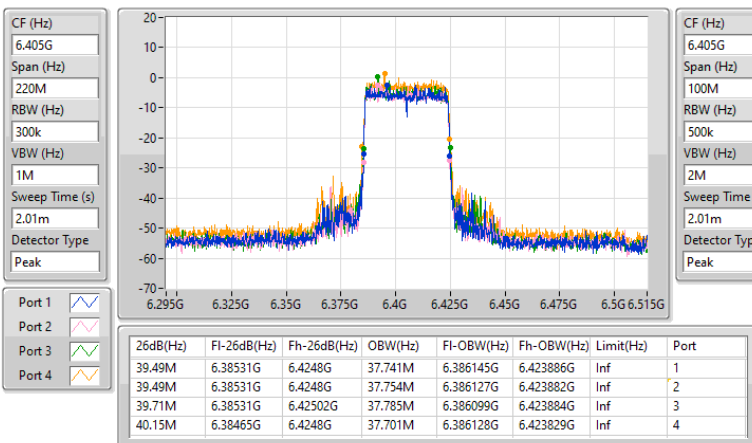


5.925-6.425GHz_802.11bn UHR40-BF_Nss1,(MCS0)_4TX
EBW
6205MHz

30/01/2026


5.925-6.425GHz_802.11bn UHR40-BF_Nss1,(MCS0)_4TX
EBW
6405MHz

30/01/2026

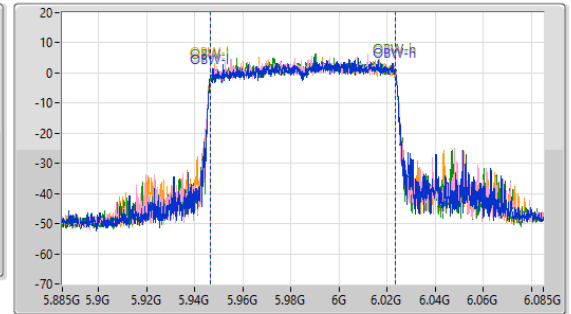
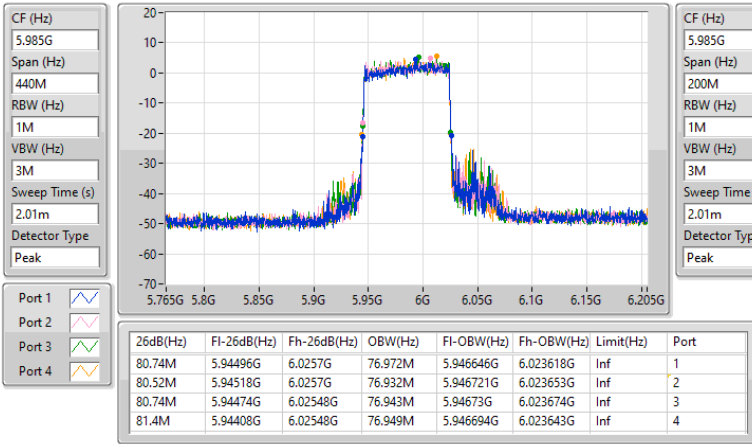


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EBW

5985MHz

30/01/2026

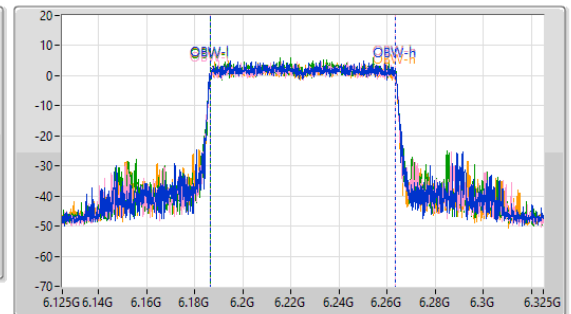
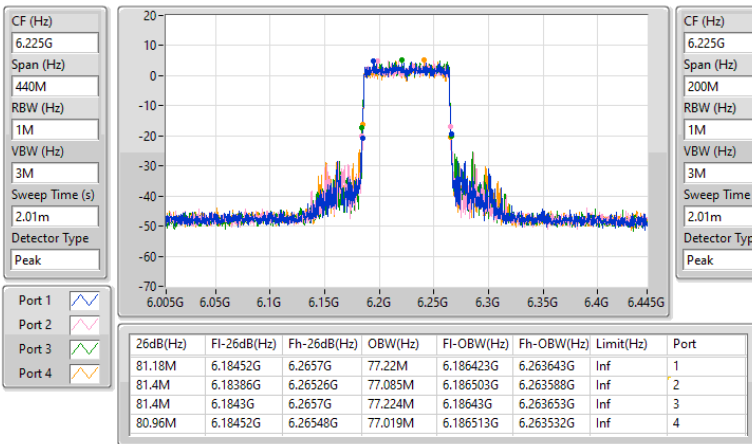


5.925-6.425GHz_802.11bn UHR80-BF_Nss1,(MCS0)_4TX

EBW

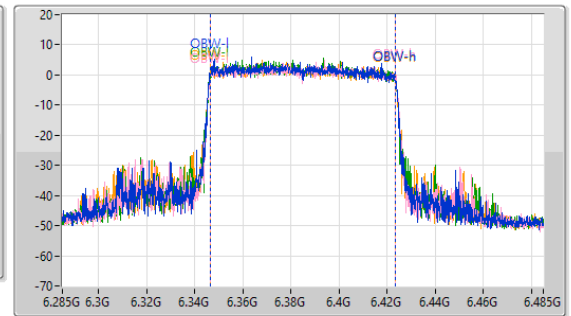
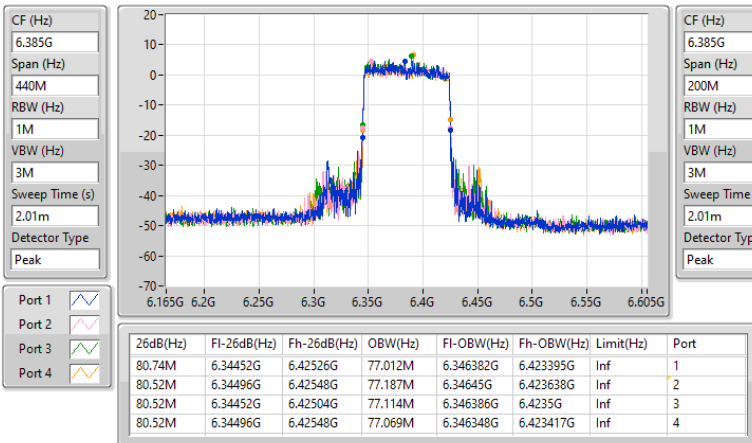
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07/02/2026

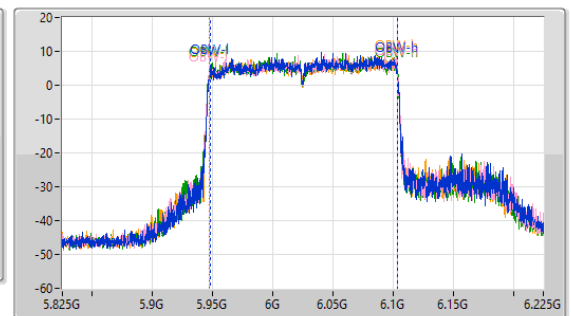
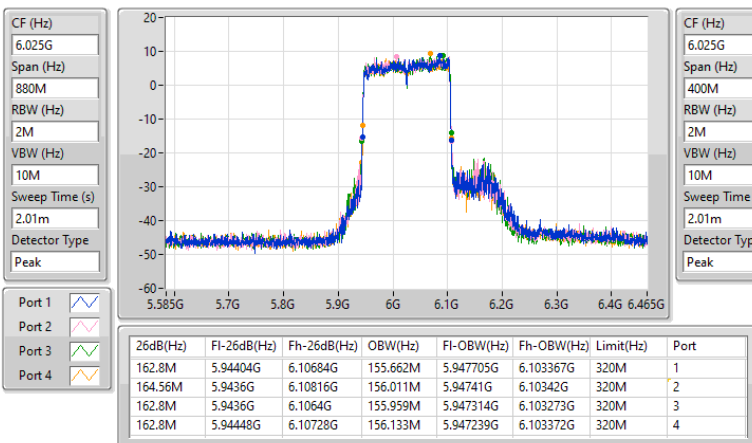


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EBW
6385MHz

30/01/2026

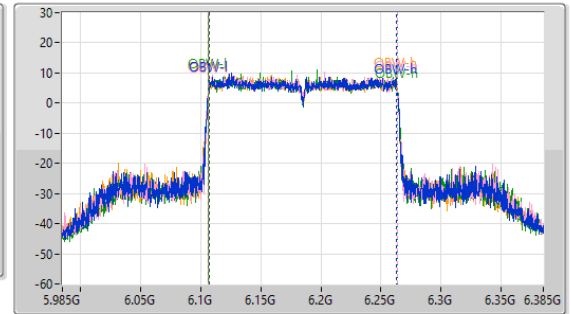
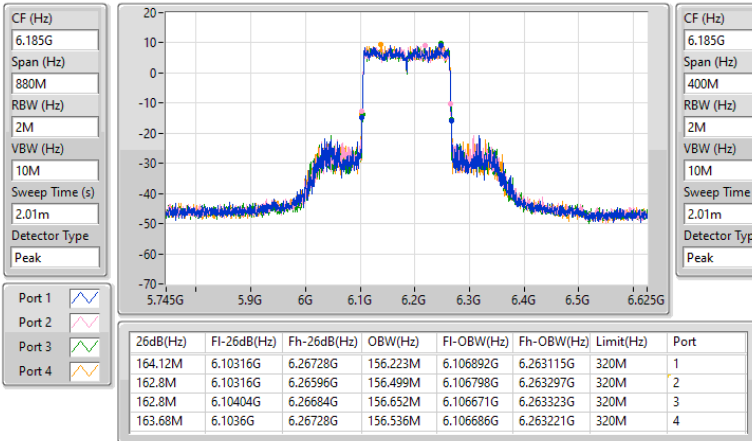

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EBW
6025MHz

10/01/2026

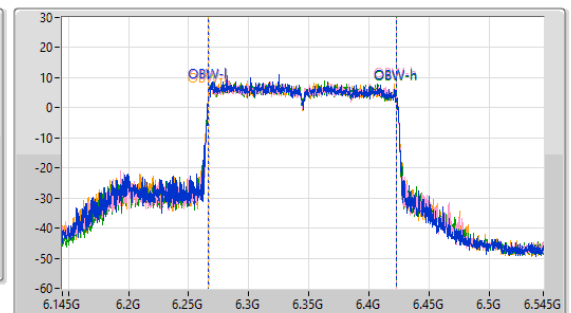
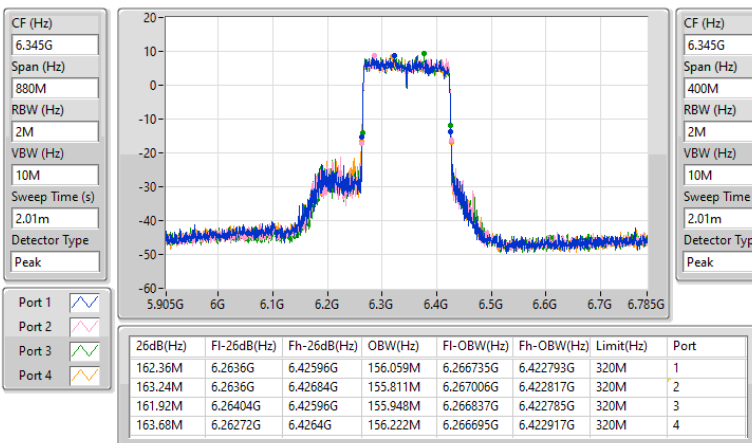


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EBW
6185MHz

10/01/2026

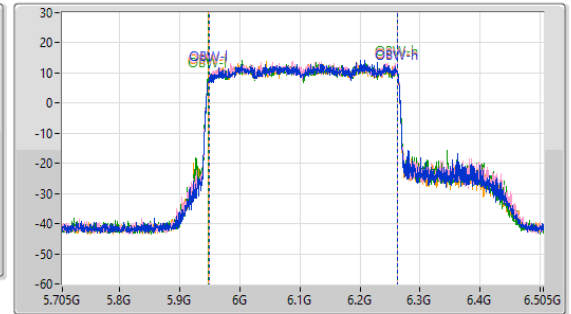
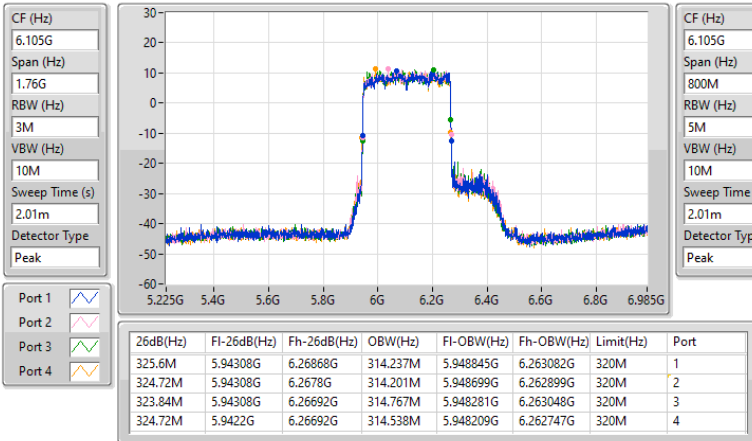

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EBW
6345MHz

10/01/2026

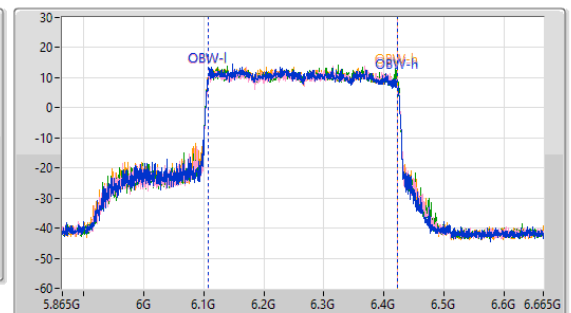
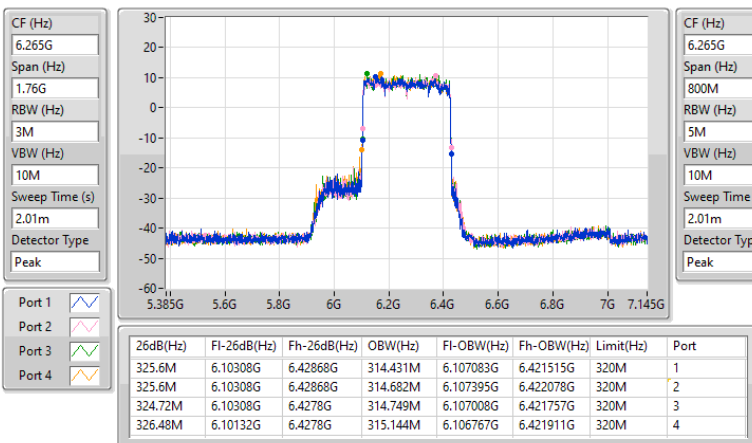


5.925-6.425GHz_802.11bn UHR320-BF_Nss1,(MCS0)_4TX
EBW
6105MHz

10/01/2026


5.925-6.425GHz_802.11bn UHR320-BF_Nss1,(MCS0)_4TX
EBW
6265MHz

30/01/2026

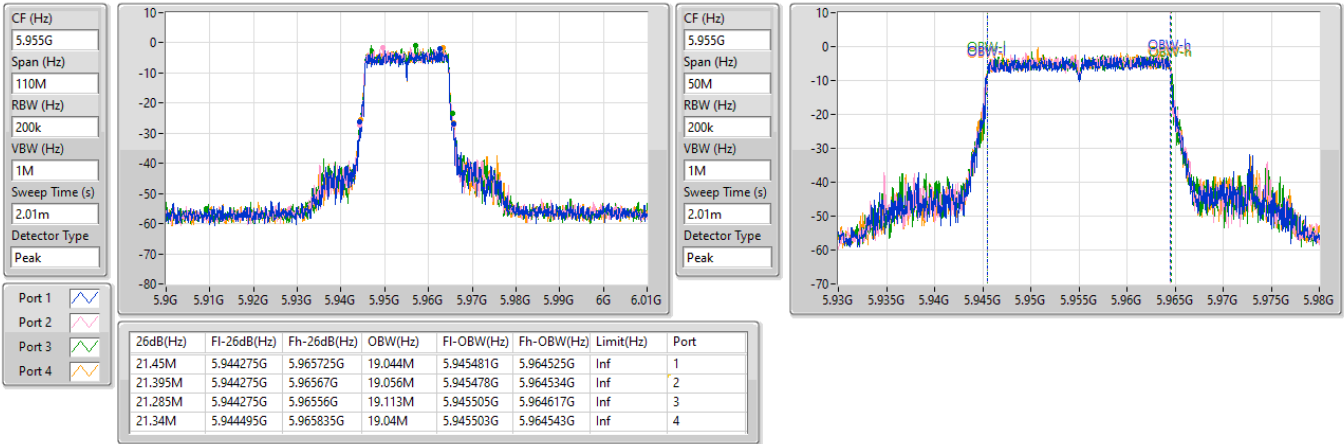


5.925-6.425GHz_802.11bn UHR20-BF_Nss2,(MCS0)_4TX

EBW

5955MHz

30/01/2026

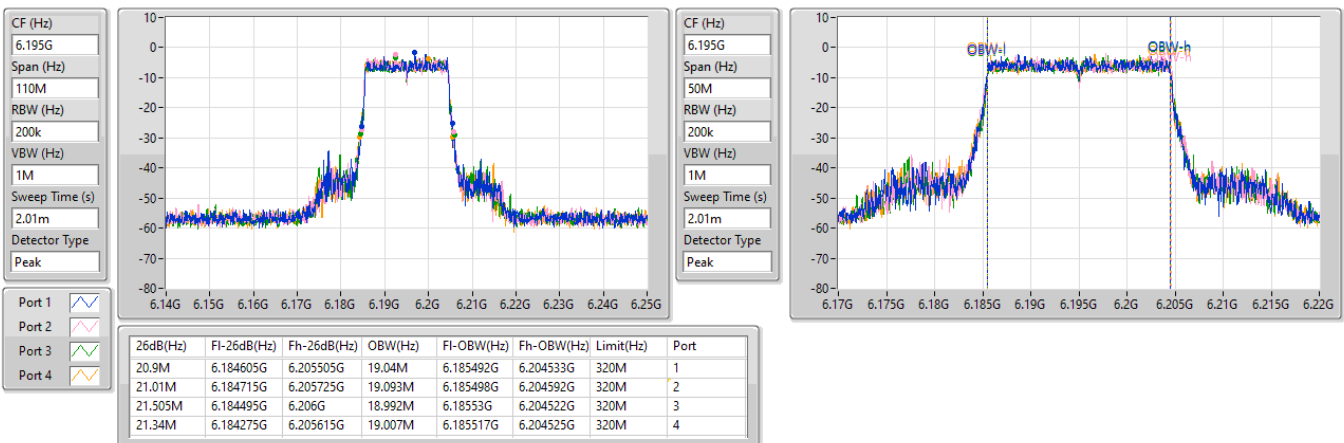


5.925-6.425GHz_802.11bn UHR20-BF_Nss2,(MCS0)_4TX

EBW

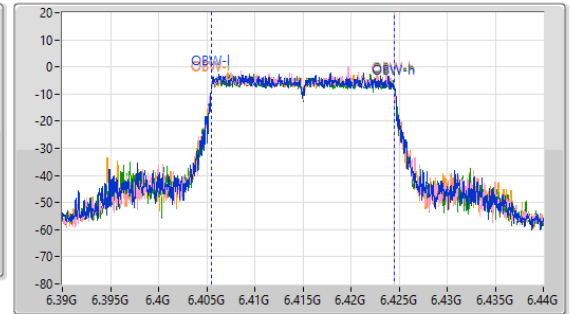
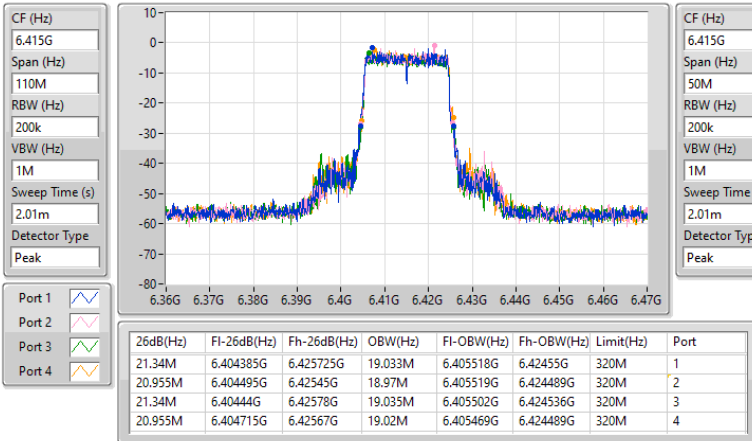
6195MHz

10/01/2026

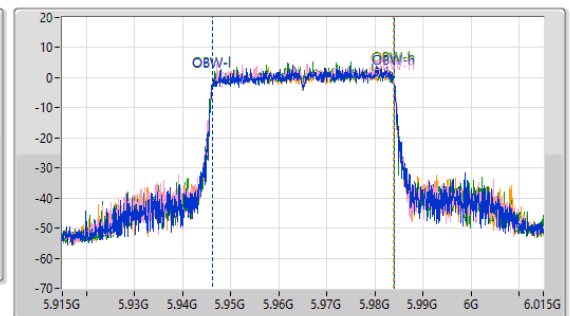
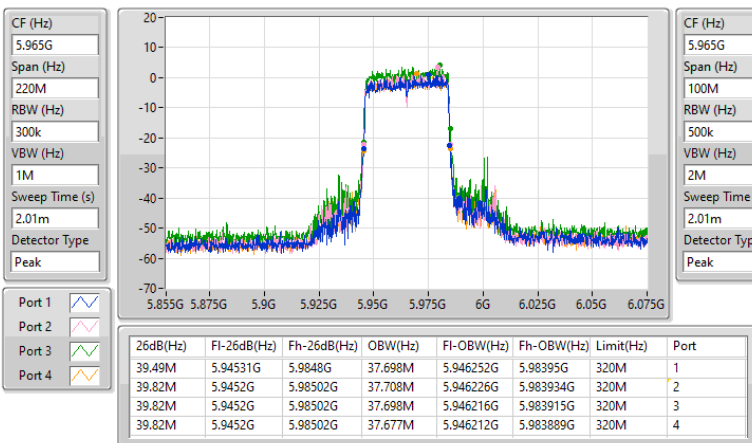


5.925-6.425GHz_802.11bn UHR20-BF_Nss2,(MCS0)_4TX
EBW
6415MHz

10/01/2026

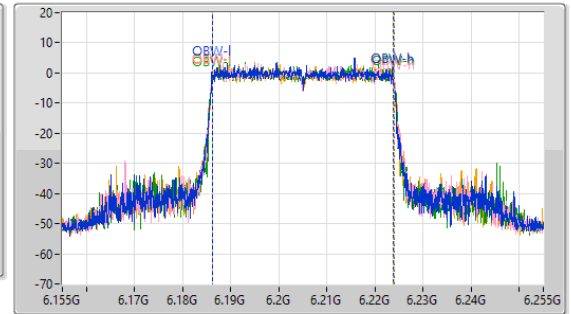
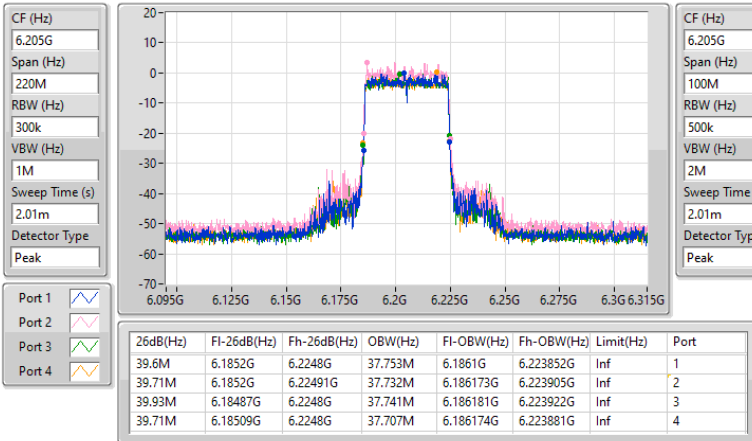

5.925-6.425GHz_802.11bn UHR40-BF_Nss2,(MCS0)_4TX
EBW
5965MHz

10/01/2026

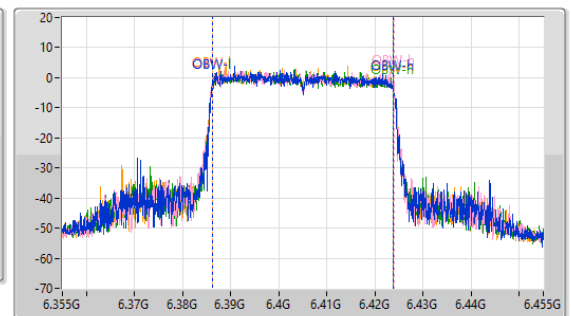
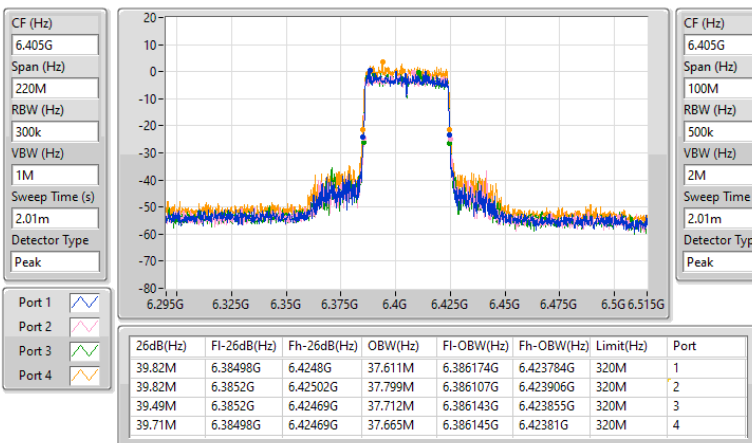


5.925-6.425GHz_802.11bn UHR40-BF_Nss2,(MCS0)_4TX
EBW
6205MHz

07/02/2026


5.925-6.425GHz_802.11bn UHR40-BF_Nss2,(MCS0)_4TX
EBW
6405MHz

10/01/2026

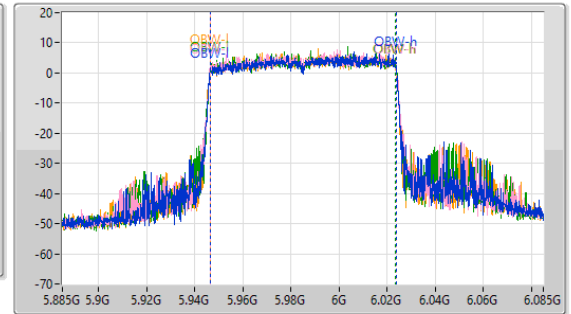
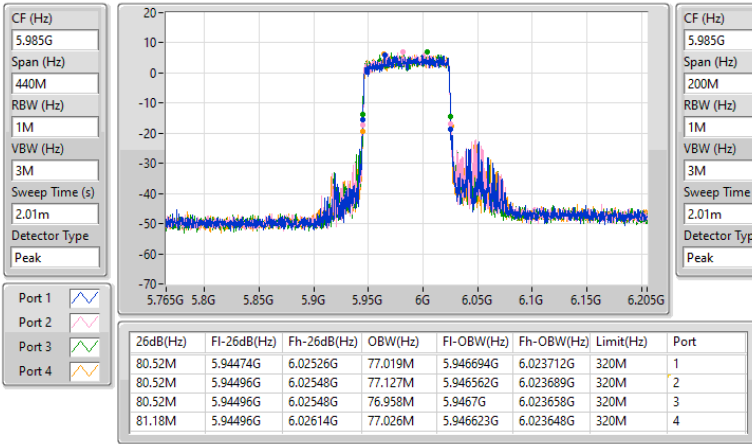


5.925-6.425GHz_802.11bn UHR80-BF_Nss2,(MCS0)_4TX

EBW

5985MHz

10/01/2026

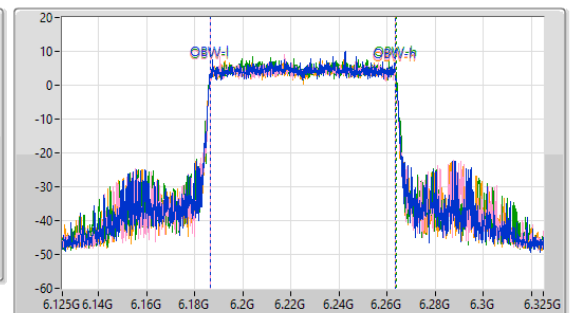
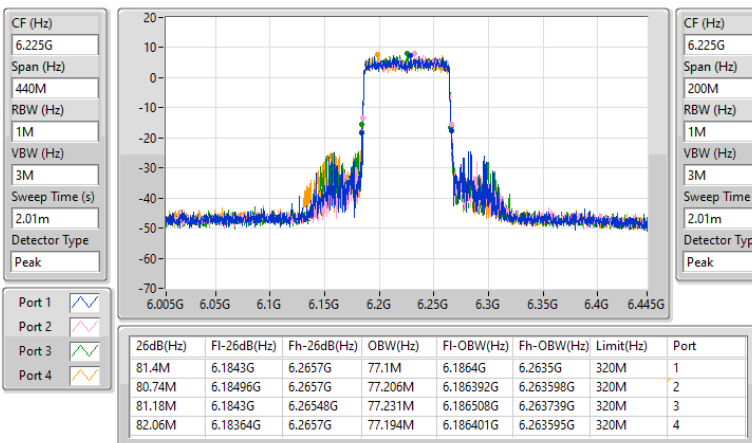


5.925-6.425GHz_802.11bn UHR80-BF_Nss2,(MCS0)_4TX

EBW

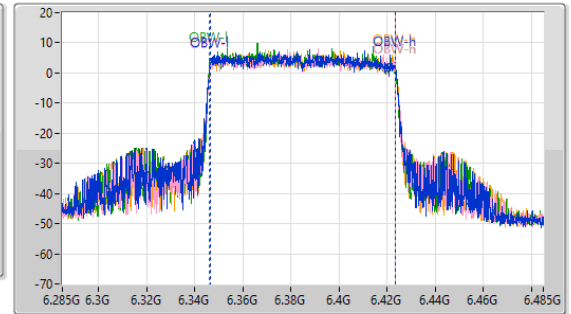
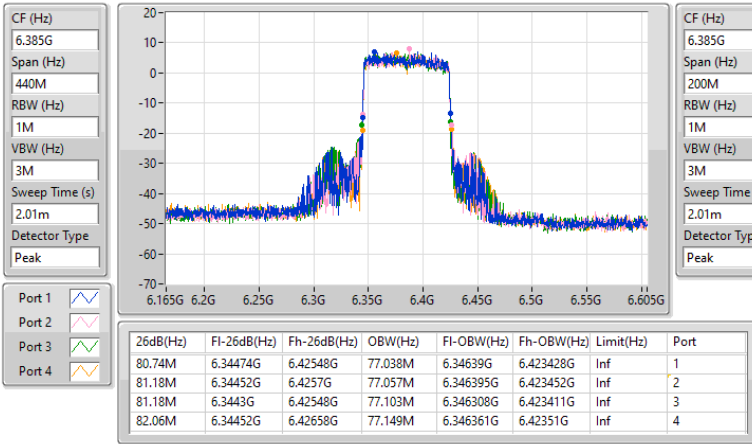
6225MHz

10/01/2026

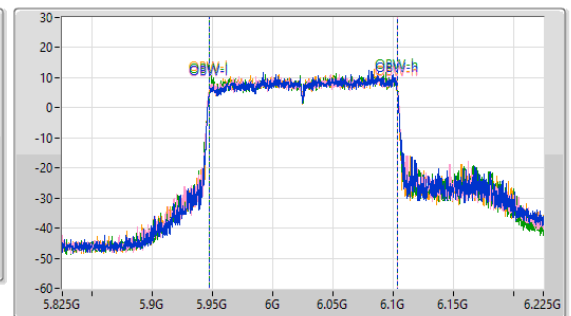
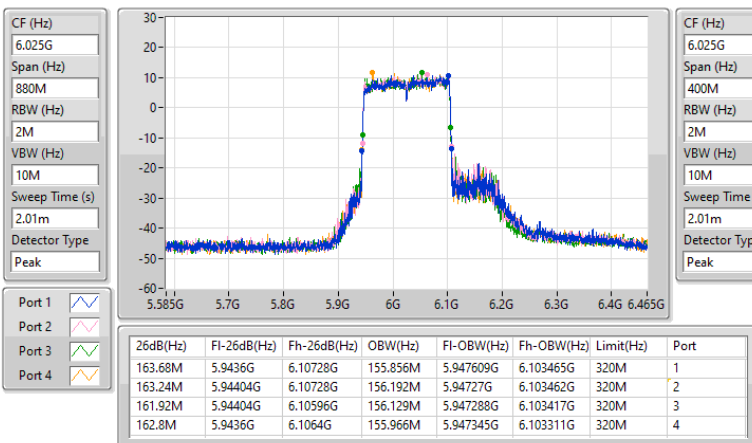


5.925-6.425GHz_802.11bn UHR80-BF_Nss2,(MCS0)_4TX
EBW
6385MHz

07/02/2026


5.925-6.425GHz_802.11bn UHR160-BF_Nss2,(MCS0)_4TX
EBW
6025MHz

10/01/2026

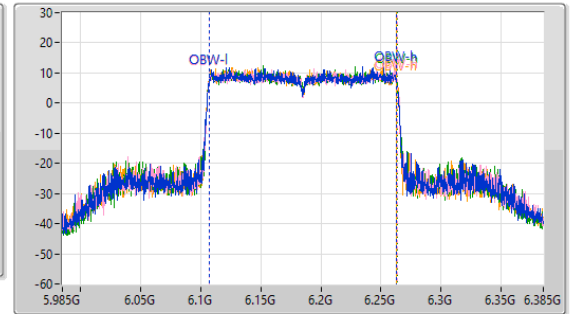
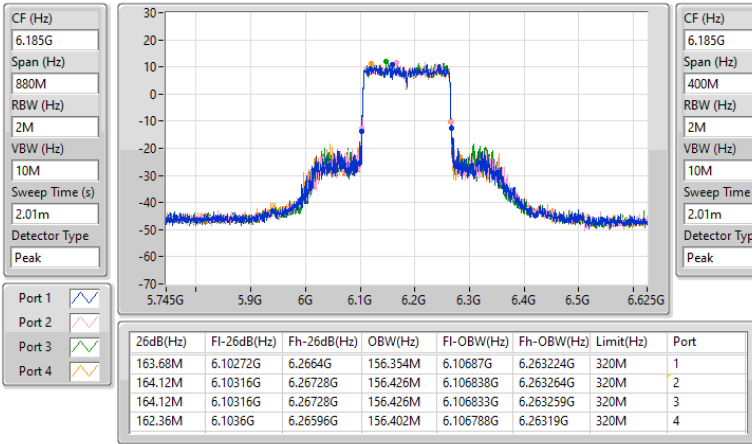


5.925-6.425GHz_802.11bn UHR160-BF_Nss2.(MCS0)_4TX

EBW

6185MHz

10/01/2026

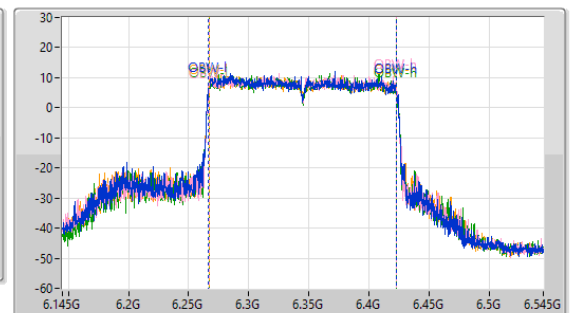
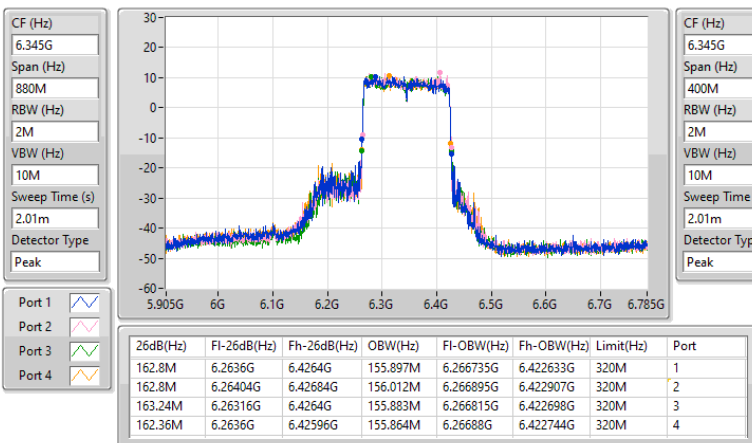


5.925-6.425GHz_802.11bn UHR160-BF_Nss2.(MCS0)_4TX

EBW

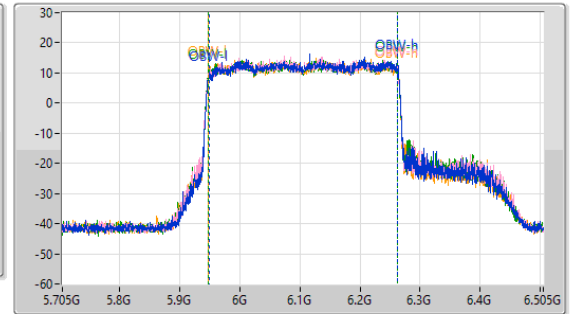
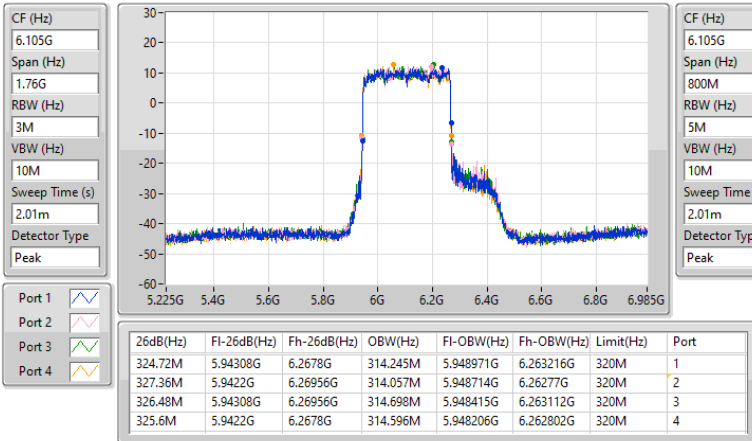
6345MHz

10/01/2026

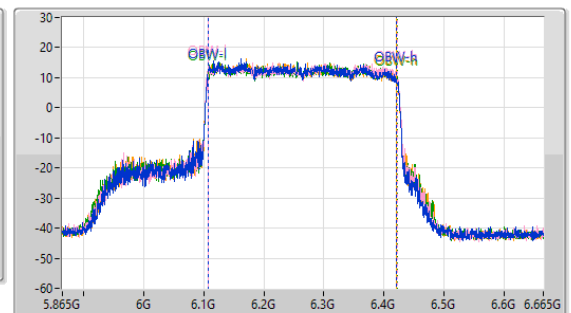
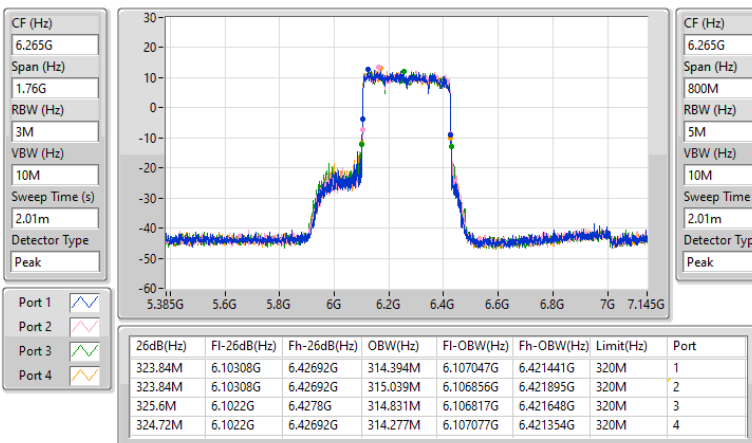


5.925-6.425GHz_802.11bn UHR320-BF_Nss2,(MCS0)_4TX
EBW
6105MHz

10/01/2026


5.925-6.425GHz_802.11bn UHR320-BF_Nss2,(MCS0)_4TX
EBW
6265MHz

10/01/2026



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.34M	16.708M	16M7D1D	20.9M	16.642M
6.875-7.125GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.395M	16.748M	16M7D1D	20.68M	16.618M

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)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	21.065M	16.708M	21.065M	16.699M	21.34M	16.68M	21.12M	16.642M
6695MHz	Pass	320M	21.34M	16.662M	20.955M	16.653M	21.175M	16.692M	21.12M	16.661M
6875MHz	Pass	320M	20.9M	16.704M	20.955M	16.69M	21.175M	16.664M	21.01M	16.687M
6895MHz	Pass	320M	21.395M	16.706M	20.955M	16.658M	20.845M	16.624M	21.23M	16.653M
6995MHz	Pass	320M	21.12M	16.748M	21.175M	16.719M	21.23M	16.618M	20.9M	16.693M
7095MHz	Pass	320M	20.79M	16.693M	20.845M	16.679M	20.9M	16.672M	20.68M	16.663M

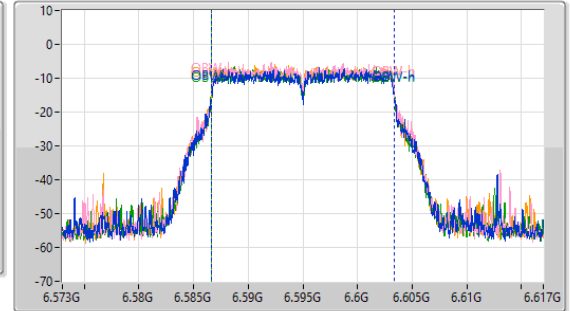
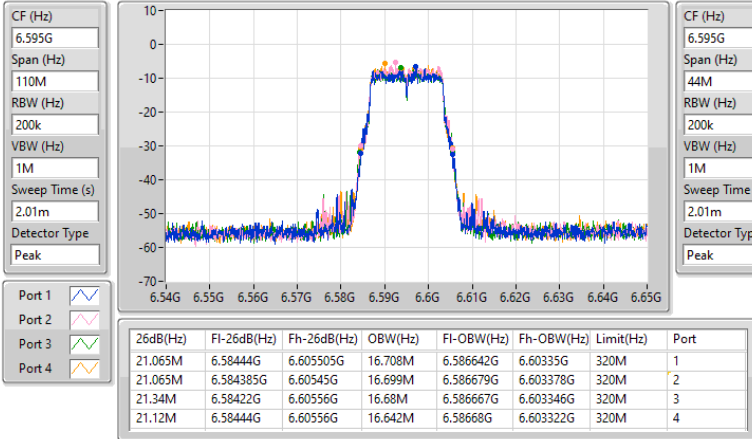
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6595MHz

17/01/2026

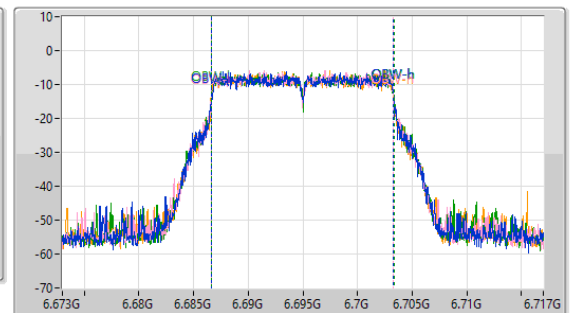
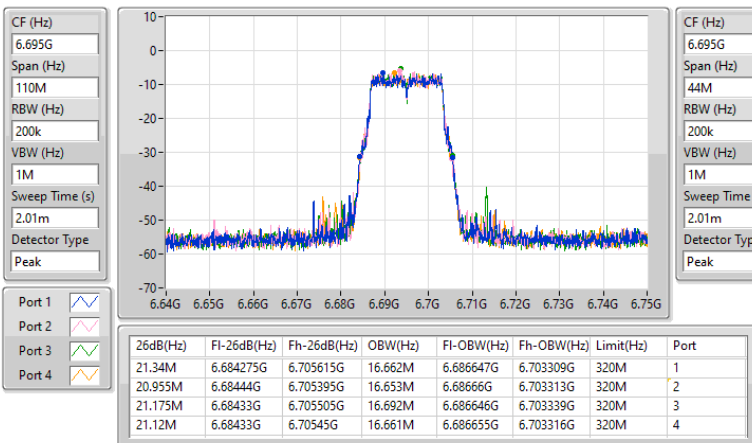


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6695MHz

17/01/2026

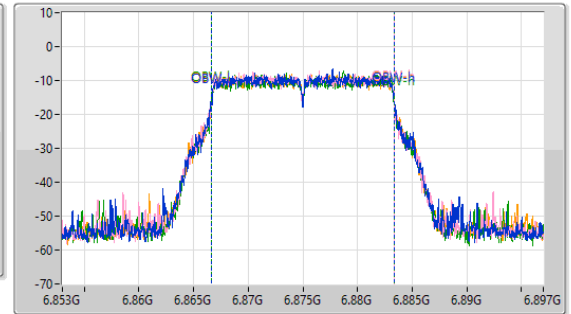
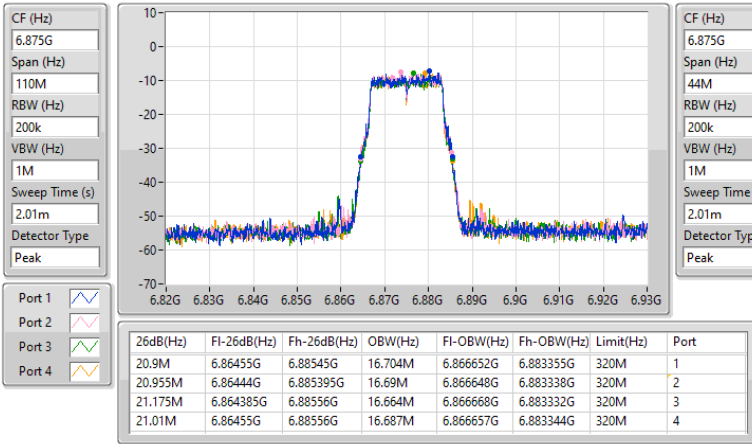


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6875MHz

17/01/2026

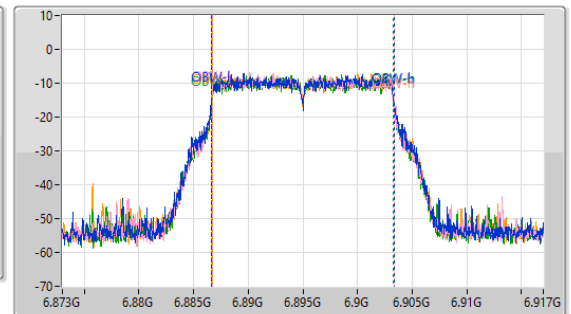
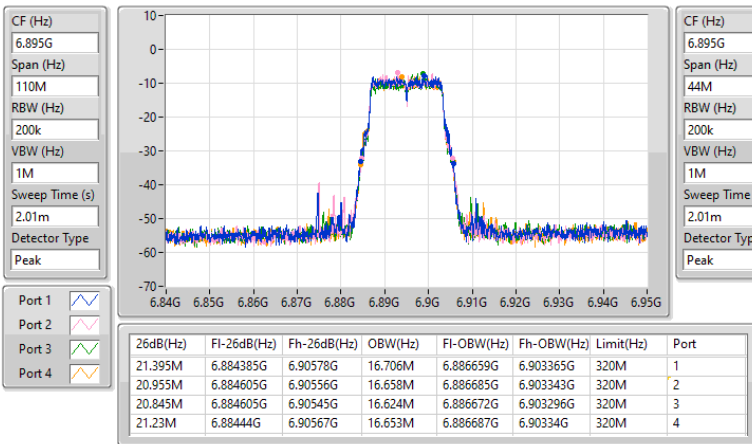


6.875-7.125GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6895MHz

17/01/2026

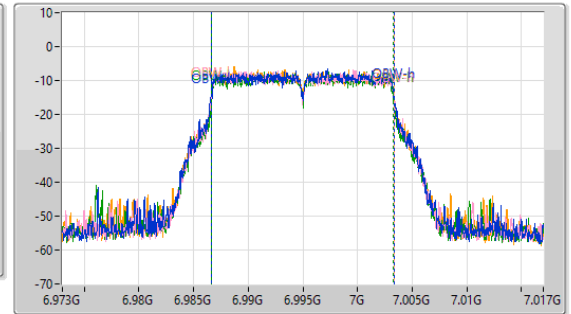
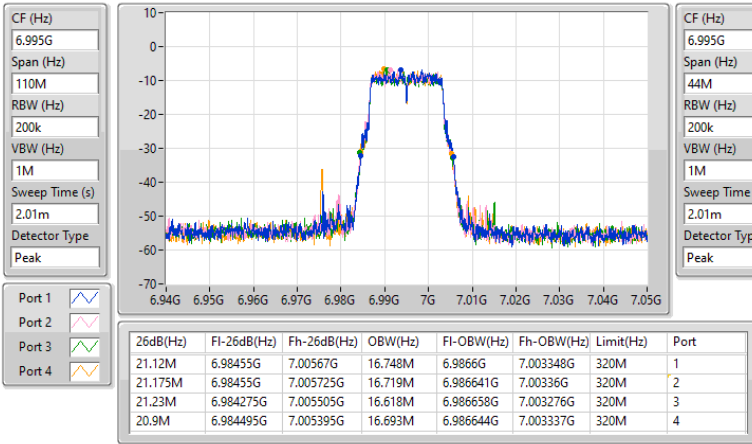


6.875-7.125GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6995MHz

17/01/2026

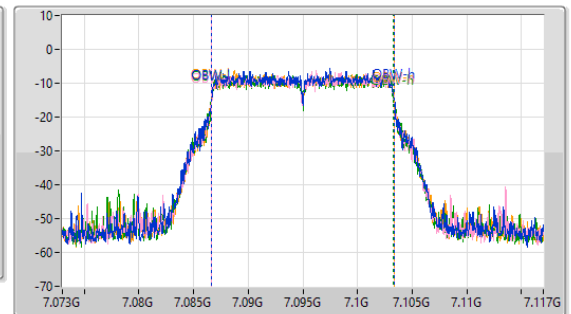
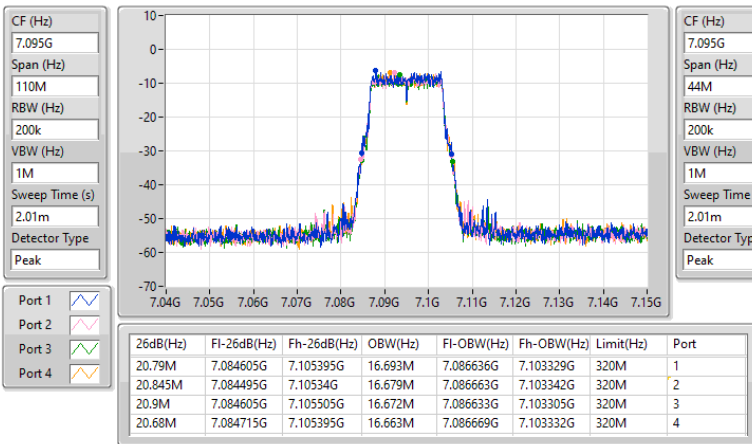


6.875-7.125GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

7095MHz

17/01/2026



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
6.525-6.875GHz	-	-	-	-	-
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	21.56M	19.081M	19M1D1D	21.01M	19.004M
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	21.67M	19.08M	19M1D1D	21.065M	18.994M
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	40.15M	37.778M	37M8D1D	39.6M	37.648M
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	40.81M	37.785M	37M8D1D	39.71M	37.711M
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	82.06M	77.36M	77M4D1D	80.96M	77.069M
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	82.06M	77.42M	77M4D1D	80.52M	77.058M
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	165M	156.631M	157MD1D	161.92M	155.933M
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	164.12M	156.608M	157MD1D	162.8M	155.996M
802.11bn UHR320-BF_Nss1,(MCS0)_4TX	328.24M	315.725M	316MD1D	325.6M	314.323M
802.11bn UHR320-BF_Nss2,(MCS0)_4TX	327.36M	315.894M	316MD1D	325.6M	314.521M
6.875-7.125GHz	-	-	-	-	-
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	21.56M	19.123M	19M1D1D	21.175M	19.014M
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	21.45M	19.105M	19M1D1D	20.79M	19.011M
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	40.59M	37.814M	37M8D1D	39.49M	37.708M
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	41.03M	37.83M	37M8D1D	40.04M	37.694M
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	81.18M	77.43M	77M4D1D	80.52M	77.096M
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	82.5M	77.344M	77M3D1D	80.74M	77.193M
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	163.68M	156.382M	156MD1D	162.8M	156.181M
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	163.24M	156.42M	156MD1D	162.36M	156.228M

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)
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	21.285M	19.031M	21.23M	19.081M	21.285M	19.017M	21.23M	19.032M
6695MHz	Pass	320M	21.285M	19.05M	21.56M	19.004M	21.285M	19.053M	21.01M	19.053M
6875MHz	Pass	320M	21.395M	19.049M	21.56M	19.023M	21.12M	19.033M	21.45M	19.017M
6895MHz	Pass	320M	21.56M	19.123M	21.34M	19.063M	21.56M	19.066M	21.395M	19.014M
6995MHz	Pass	320M	21.395M	19.028M	21.395M	19.076M	21.285M	19.078M	21.505M	19.052M
7095MHz	Pass	320M	21.395M	19.043M	21.175M	19.019M	21.45M	19.036M	21.34M	19.046M
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	39.71M	37.648M	39.6M	37.756M	39.93M	37.749M	39.6M	37.7M
6685MHz	Pass	320M	39.82M	37.655M	39.82M	37.695M	39.93M	37.728M	40.15M	37.704M
6885MHz	Pass	320M	40.15M	37.685M	40.15M	37.778M	40.04M	37.719M	39.71M	37.695M
6925MHz	Pass	320M	39.49M	37.752M	40.26M	37.709M	40.04M	37.787M	39.6M	37.746M
7005MHz	Pass	320M	40.26M	37.708M	40.26M	37.714M	40.26M	37.812M	40.04M	37.749M
7085MHz	Pass	320M	39.93M	37.814M	39.93M	37.766M	40.59M	37.798M	40.15M	37.738M
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	320M	81.18M	77.176M	80.96M	77.069M	81.18M	77.101M	80.96M	77.274M
6705MHz	Pass	320M	81.18M	77.119M	81.84M	77.179M	82.06M	77.072M	81.84M	77.09M
6785MHz	Pass	320M	82.06M	77.294M	81.4M	77.36M	80.96M	77.237M	81.4M	77.191M
6865MHz	Pass	320M	81.18M	77.231M	81.18M	77.22M	81.18M	77.146M	81.18M	77.259M
6945MHz	Pass	320M	80.74M	77.096M	80.96M	77.141M	80.52M	77.184M	81.18M	77.216M
7025MHz	Pass	320M	80.74M	77.43M	81.18M	77.216M	80.74M	77.235M	81.18M	77.273M
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	320M	161.92M	156.164M	162.8M	156.158M	163.24M	155.933M	163.24M	156.001M
6825MHz	Pass	320M	165M	156.631M	164.56M	156.407M	162.8M	156.334M	164.56M	156.421M
6985MHz	Pass	320M	162.8M	156.382M	163.24M	156.206M	162.8M	156.364M	163.68M	156.181M
802.11bn UHR320-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6745MHz	Pass	320M	325.6M	314.867M	327.36M	315.195M	328.24M	314.94M	326.48M	315.725M
6905MHz	Pass	320M	325.6M	315.03M	327.36M	315.105M	325.6M	314.323M	326.48M	314.709M
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	21.12M	19.045M	21.395M	19.026M	21.175M	19.041M	21.34M	19.08M
6695MHz	Pass	320M	21.285M	19.041M	21.12M	19.049M	21.56M	19.008M	21.065M	19.05M
6875MHz	Pass	320M	21.34M	18.994M	21.395M	19.005M	21.67M	19.064M	21.395M	19.067M
6895MHz	Pass	320M	21.34M	19.011M	21.45M	19.057M	21.45M	19.031M	21.395M	19.038M
6995MHz	Pass	320M	21.395M	19.015M	21.395M	19.027M	21.395M	19.105M	21.34M	19.067M
7095MHz	Pass	320M	21.45M	19.053M	21.34M	19.058M	21.395M	19.031M	20.79M	19.069M
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	39.71M	37.72M	40.48M	37.742M	40.7M	37.744M	40.26M	37.723M
6685MHz	Pass	320M	40.26M	37.744M	40.04M	37.773M	39.71M	37.713M	39.93M	37.711M
6885MHz	Pass	320M	40.81M	37.766M	40.59M	37.771M	40.59M	37.785M	40.59M	37.784M
6925MHz	Pass	320M	40.59M	37.83M	40.26M	37.739M	40.37M	37.705M	40.37M	37.794M
7005MHz	Pass	320M	40.48M	37.745M	40.15M	37.796M	40.15M	37.767M	40.59M	37.694M
7085MHz	Pass	320M	40.37M	37.755M	41.03M	37.711M	40.04M	37.734M	40.48M	37.787M
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	320M	81.62M	77.178M	81.62M	77.211M	82.06M	77.199M	80.52M	77.145M
6705MHz	Pass	320M	82.06M	77.203M	81.18M	77.211M	80.96M	77.334M	81.4M	77.148M
6785MHz	Pass	320M	81.84M	77.163M	81.62M	77.42M	81.4M	77.335M	81.4M	77.356M
6865MHz	Pass	320M	81.62M	77.184M	80.74M	77.092M	81.4M	77.161M	81.62M	77.058M
6945MHz	Pass	320M	81.18M	77.193M	80.74M	77.324M	82.06M	77.283M	80.96M	77.207M
7025MHz	Pass	320M	81.18M	77.344M	81.4M	77.268M	82.06M	77.29M	82.5M	77.304M
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	320M	163.24M	155.996M	162.8M	156.256M	163.68M	156.054M	163.68M	156.432M
6825MHz	Pass	320M	162.8M	156.608M	163.24M	156.293M	164.12M	156.584M	163.68M	156.37M
6985MHz	Pass	320M	163.24M	156.42M	163.24M	156.391M	162.8M	156.23M	162.36M	156.228M
802.11bn UHR320-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6745MHz	Pass	320M	327.36M	315.699M	325.6M	315.575M	327.36M	315.262M	326.48M	315.894M



EBW_Mode 4

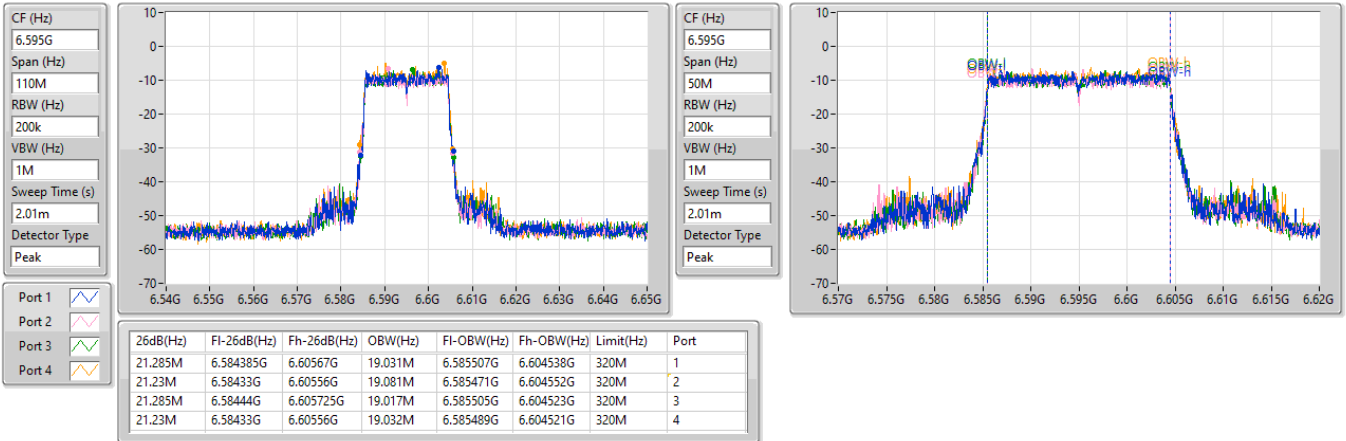
Appendix B.4

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)
6905MHz	Pass	320M	326.48M	315.345M	325.6M	314.521M	325.6M	314.724M	326.48M	315.105M

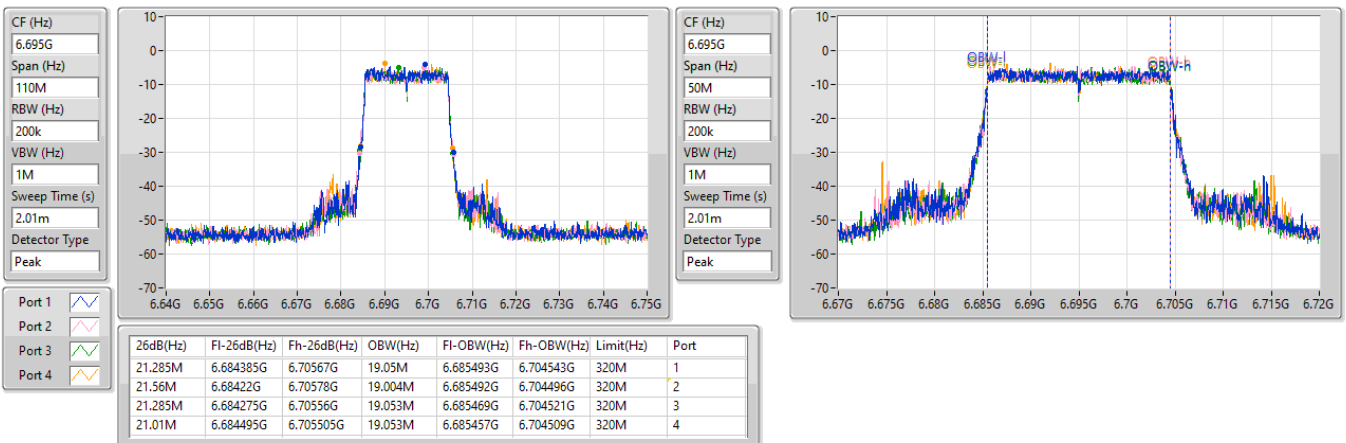
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

6.525-6.875GHz_802.11bn UHR20-BF_Nss1,(MCS0)_4TX
EBW
6595MHz

13/01/2026

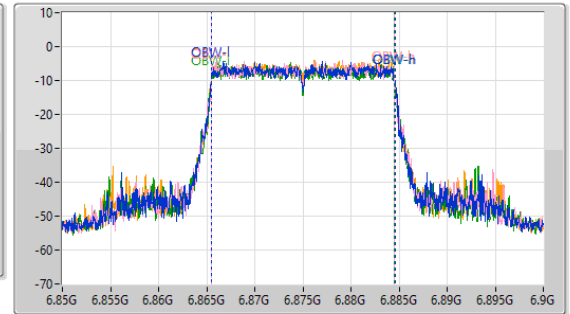
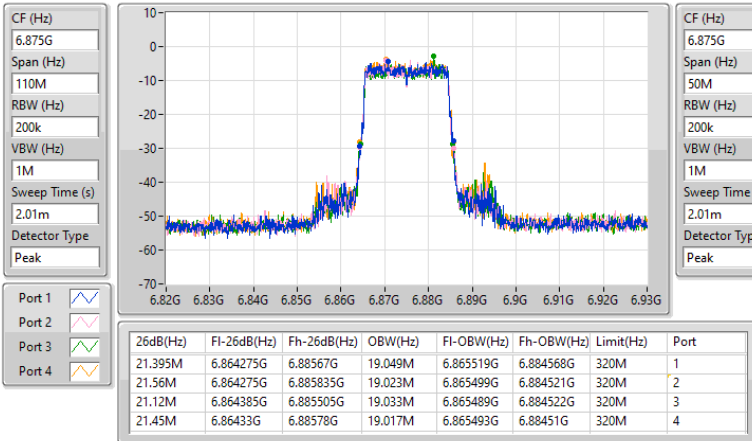

6.525-6.875GHz_802.11bn UHR20-BF_Nss1,(MCS0)_4TX
EBW
6695MHz

13/01/2026

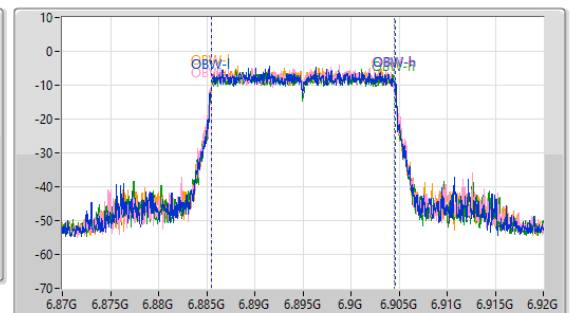
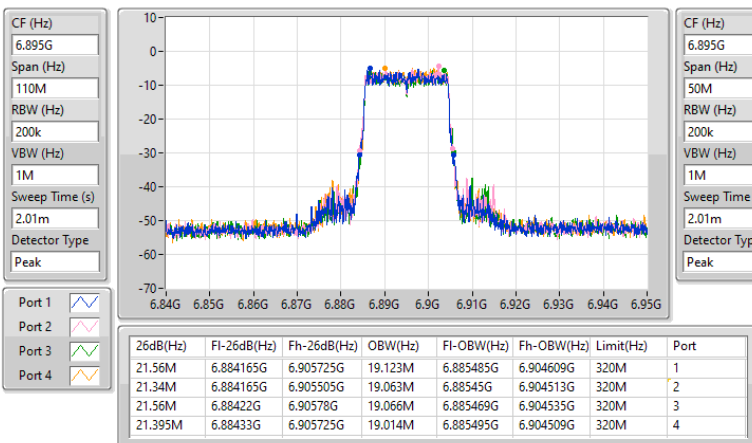


6.525-6.875GHz_802.11bn UHR20-BF_Nss1,(MCS0)_4TX
EBW
6875MHz

13/01/2026

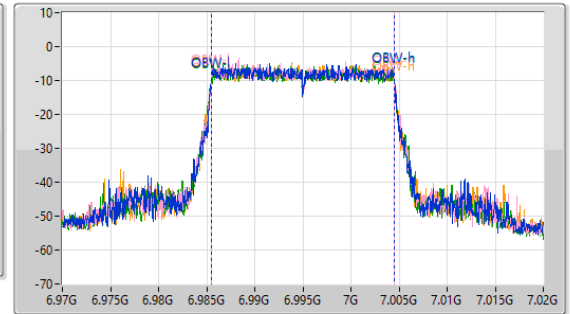
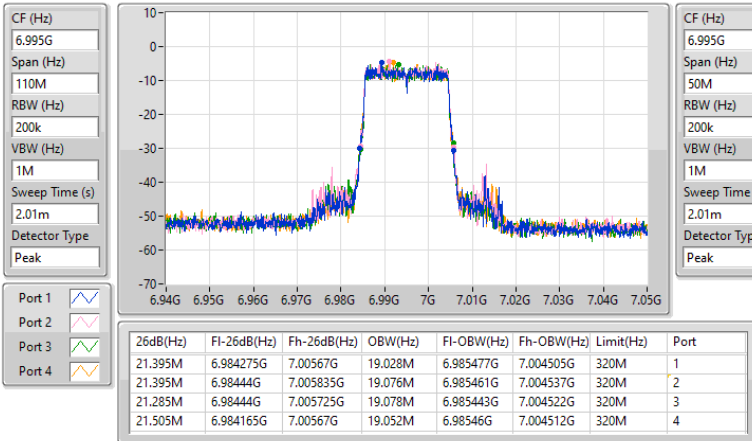

6.875-7.125GHz_802.11bn UHR20-BF_Nss1,(MCS0)_4TX
EBW
6895MHz

13/01/2026

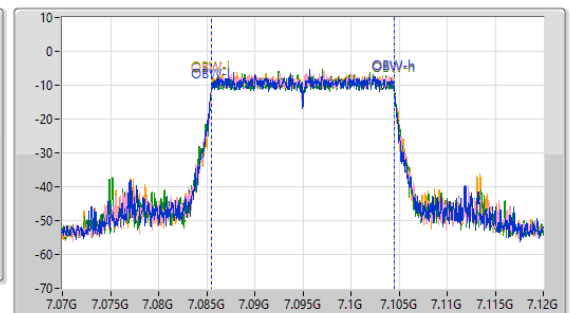
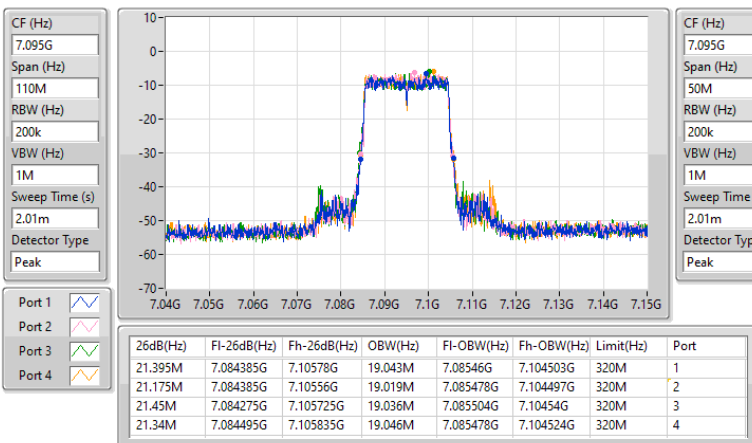


6.875-7.125GHz_802.11bn UHR20-BF_Nss1,(MCS0)_4TX
EBW
6995MHz

13/01/2026

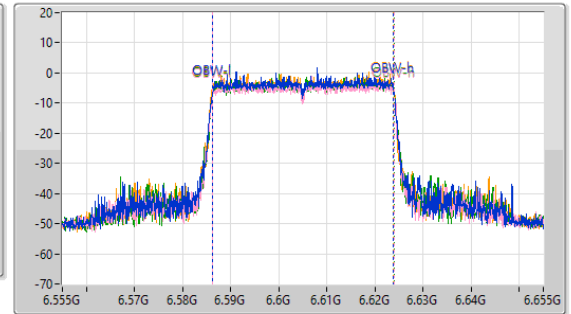
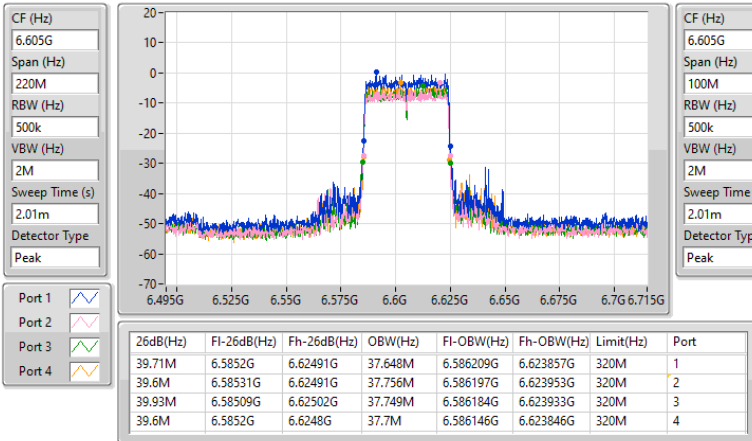

6.875-7.125GHz_802.11bn UHR20-BF_Nss1,(MCS0)_4TX
EBW
7095MHz

13/01/2026

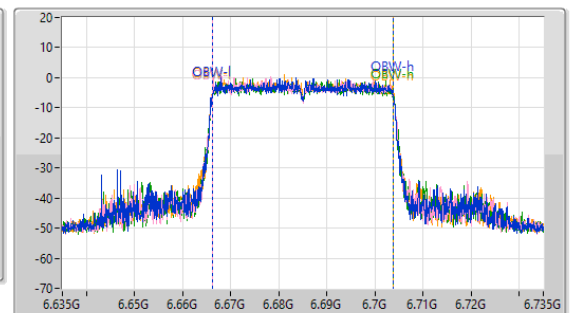
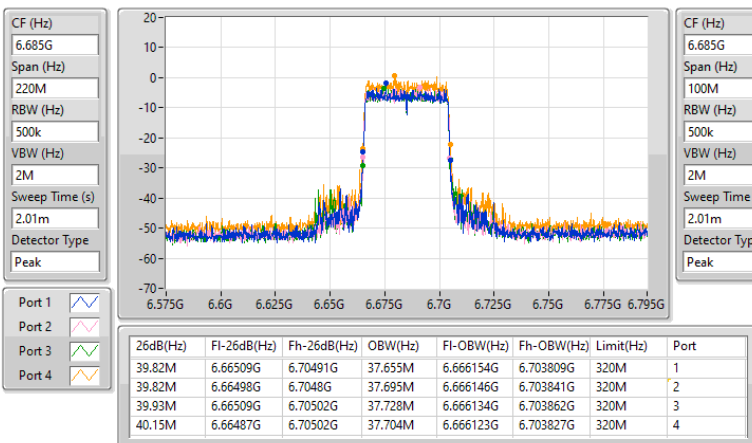


6.525-6.875GHz_802.11bn UHR40-BF_Nss1,(MCS0)_4TX
EBW
6605MHz

13/01/2026

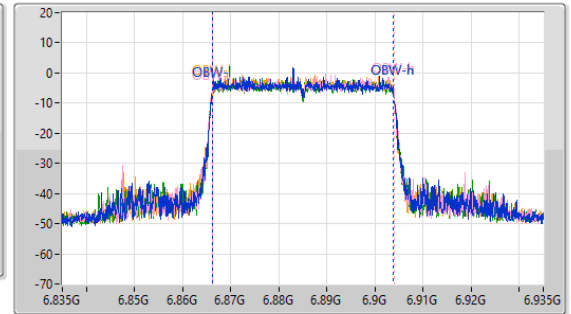
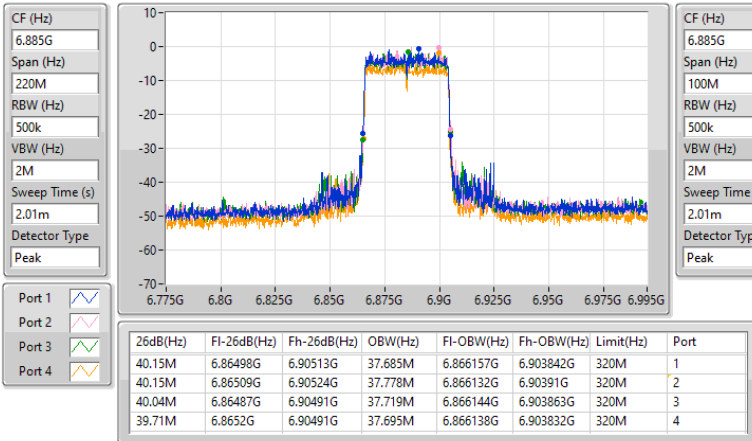

6.525-6.875GHz_802.11bn UHR40-BF_Nss1,(MCS0)_4TX
EBW
6685MHz

13/01/2026

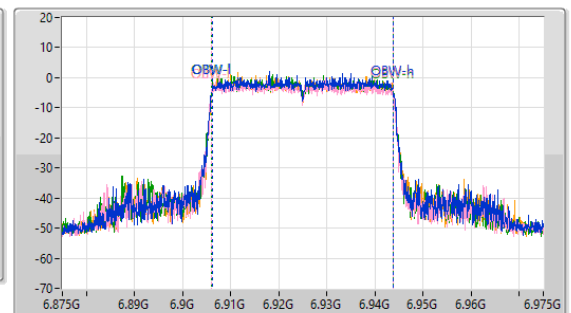
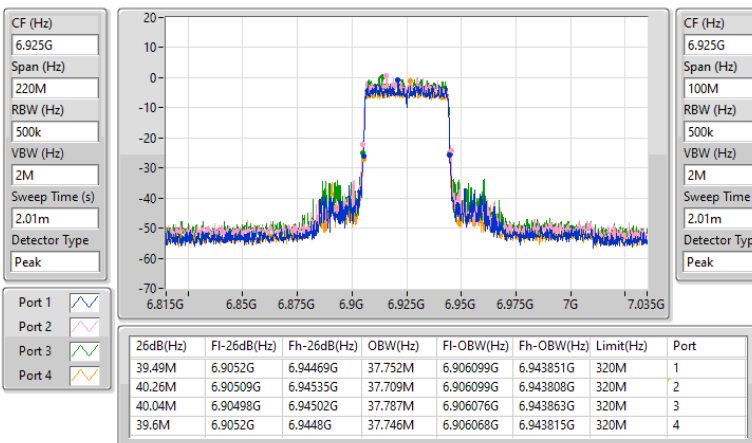


6.525-6.875GHz_802.11bn UHR40-BF_Nss1,(MCS0)_4TX
EBW
6885MHz

13/01/2026

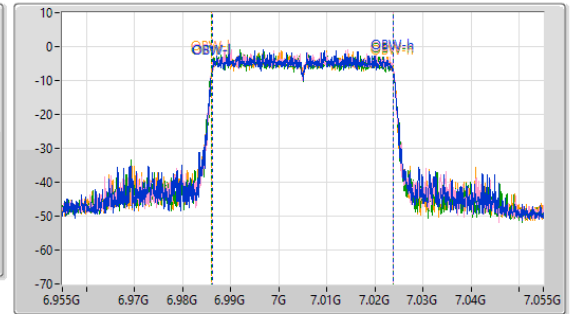
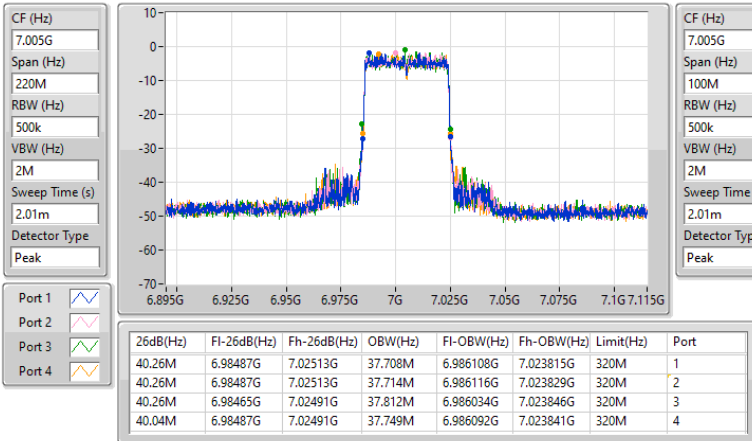

6.875-7.125GHz_802.11bn UHR40-BF_Nss1,(MCS0)_4TX
EBW
6925MHz

30/01/2026

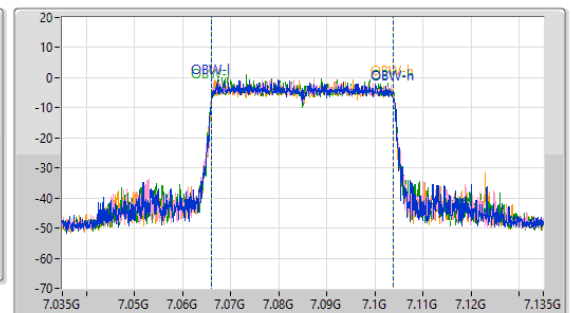
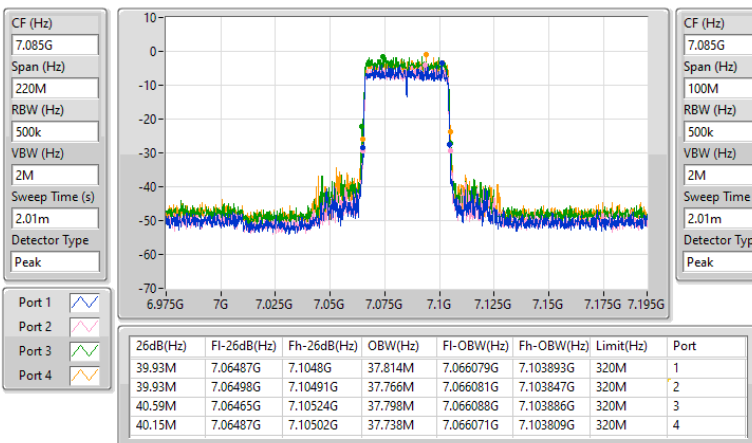


6.875-7.125GHz_802.11bn UHR40-BF_Nss1,(MCS0)_4TX
EBW
7005MHz

13/01/2026

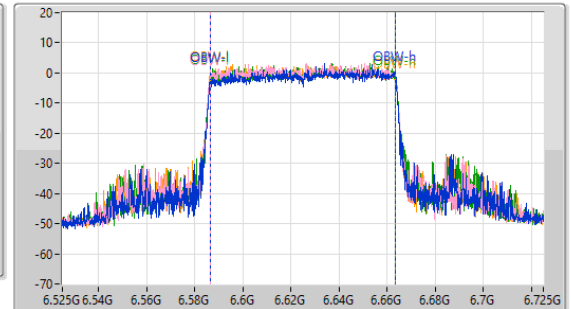
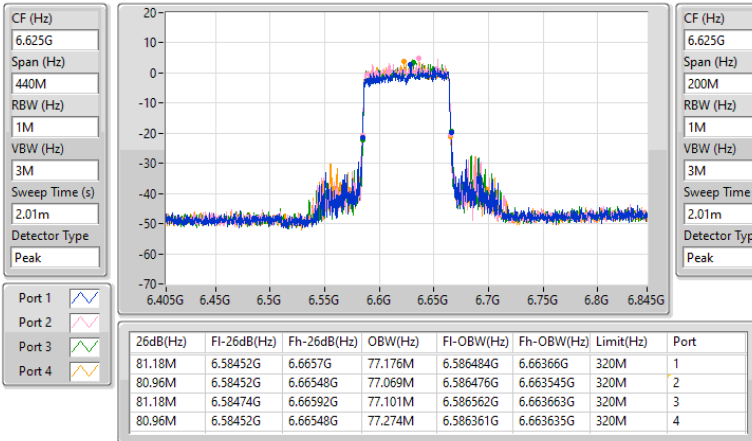

6.875-7.125GHz_802.11bn UHR40-BF_Nss1,(MCS0)_4TX
EBW
7085MHz

13/01/2026

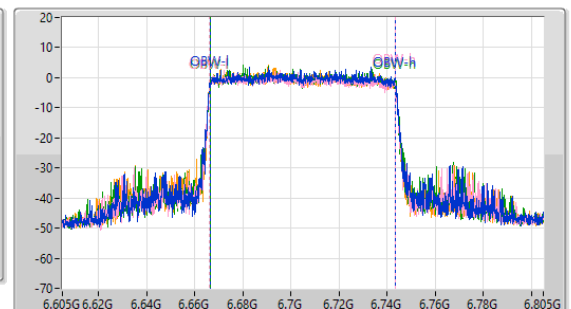
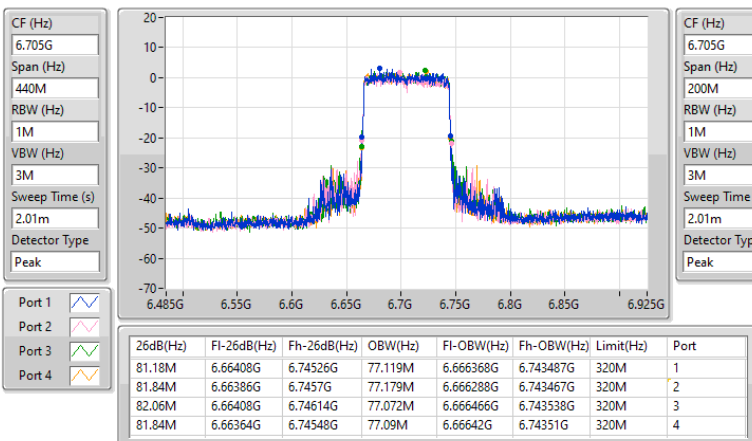


6.525-6.875GHz_802.11bn UHR80-BF_Nss1,(MCS0)_4TX
EBW
6625MHz

07/02/2026

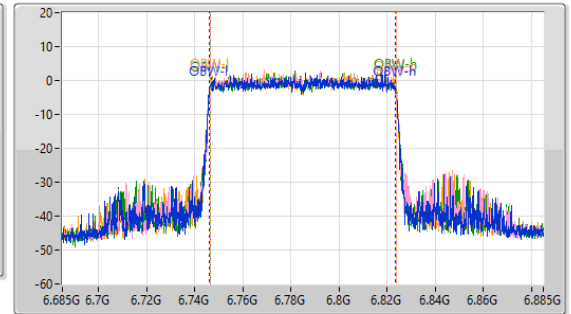
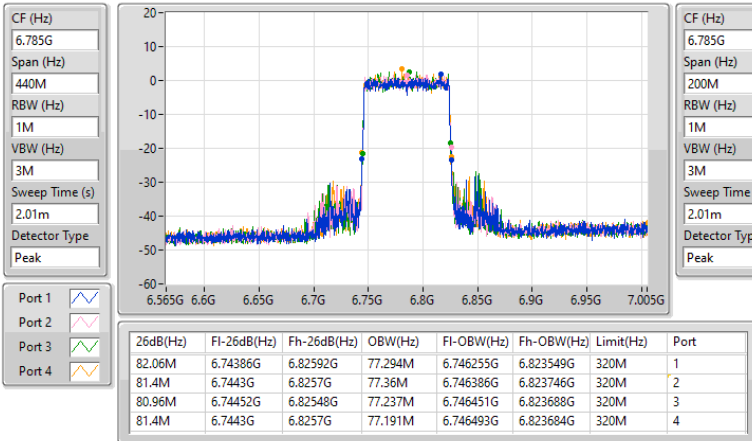

6.525-6.875GHz_802.11bn UHR80-BF_Nss1,(MCS0)_4TX
EBW
6705MHz

30/01/2026

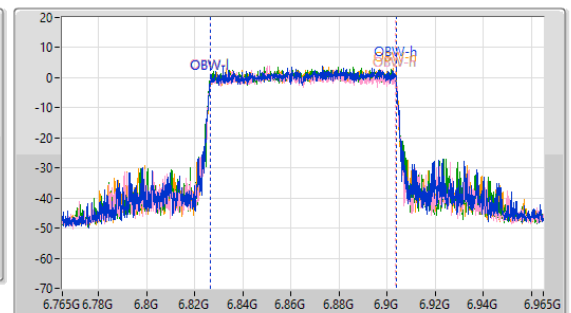
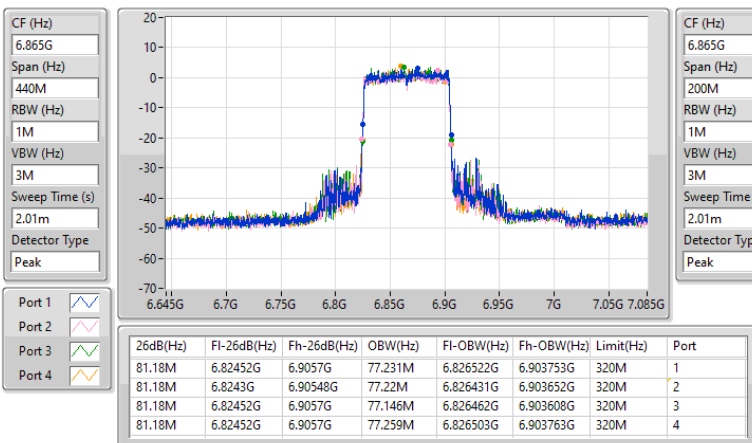


6.525-6.875GHz_802.11bn UHR80-BF_Nss1,(MCS0)_4TX
EBW
6785MHz

13/01/2026

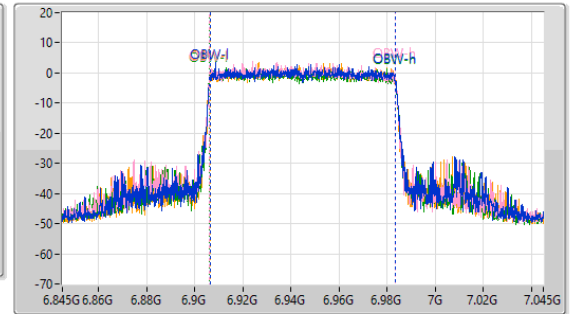
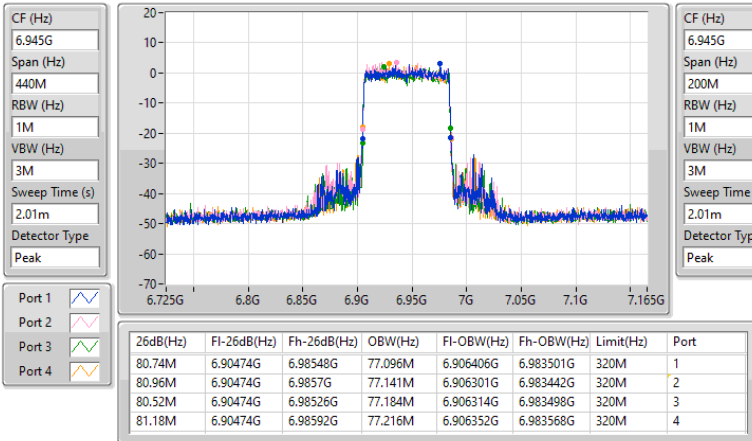

6.525-6.875GHz_802.11bn UHR80-BF_Nss1,(MCS0)_4TX
EBW
6865MHz

30/01/2026

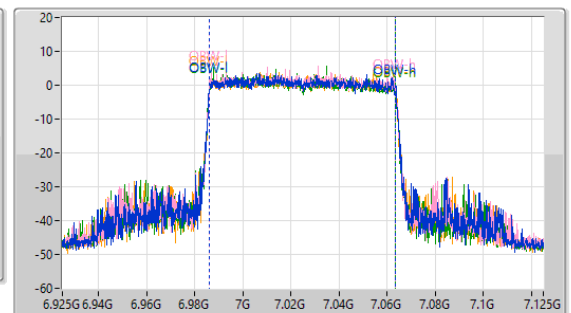
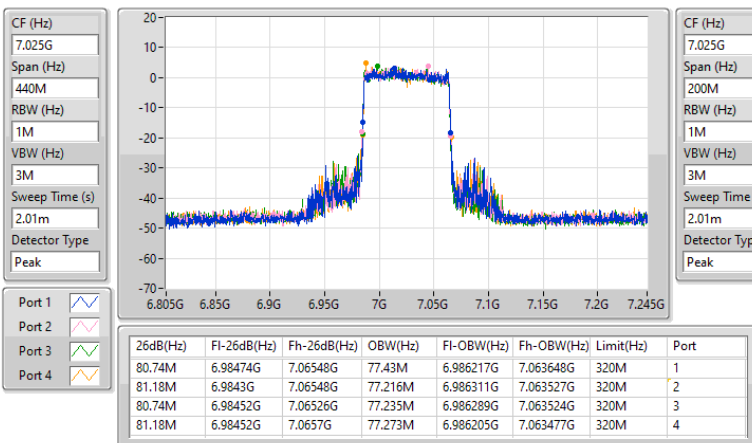


6.875-7.125GHz_802.11bn UHR80-BF_Nss1,(MCS0)_4TX
EBW
6945MHz

07/02/2026

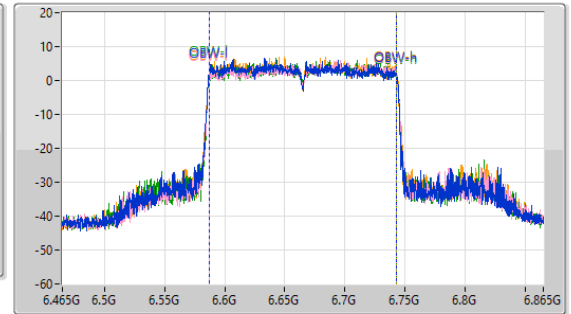
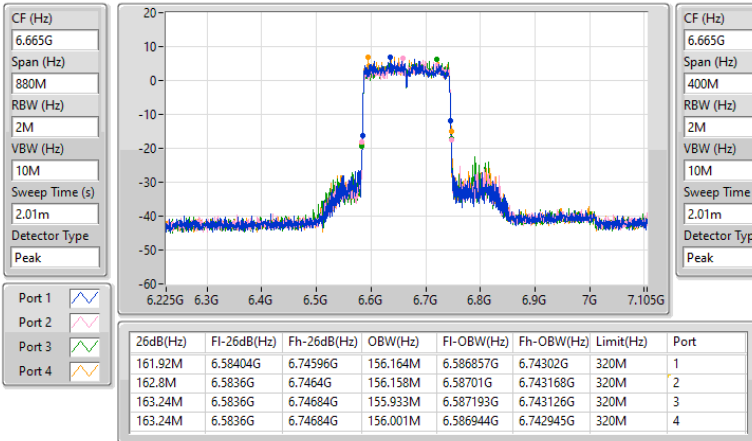

6.875-7.125GHz_802.11bn UHR80-BF_Nss1,(MCS0)_4TX
EBW
7025MHz

07/02/2026

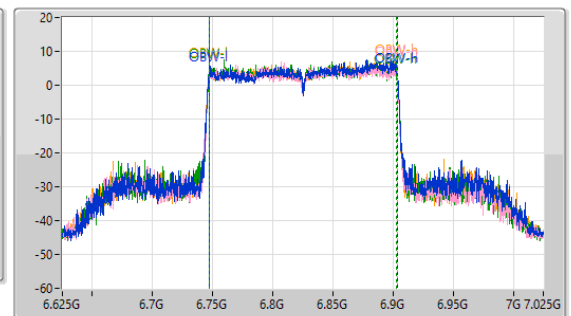
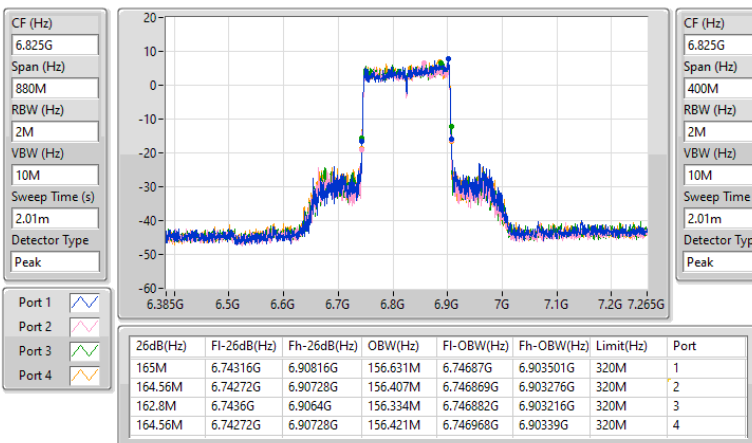


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EBW
6665MHz

13/01/2026

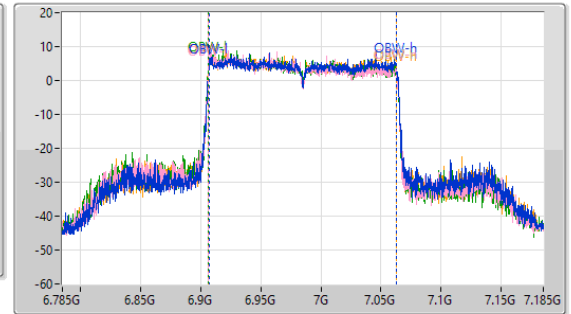
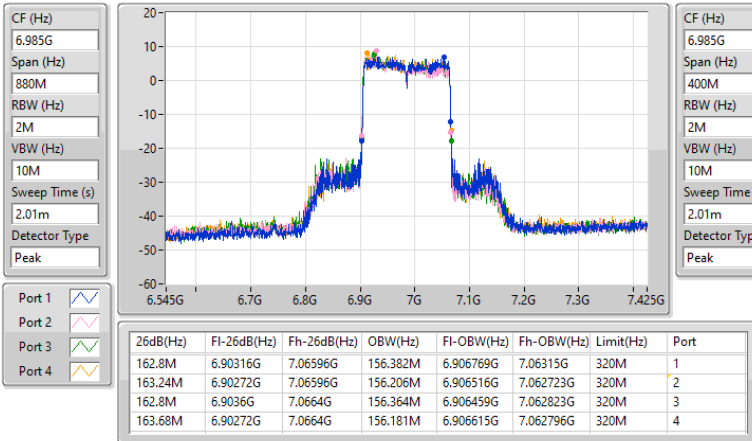

6.525-6.875GHz_802.11bn UHR160-BF_Nss1,(MCS0)_4TX
EBW
6825MHz

30/01/2026

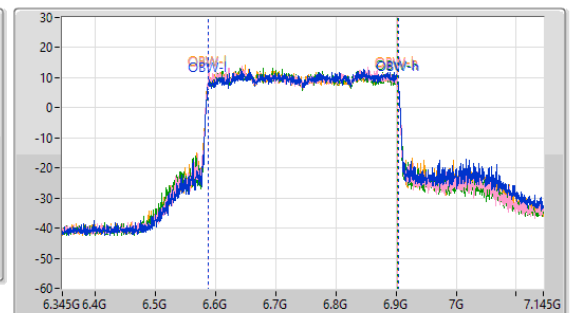
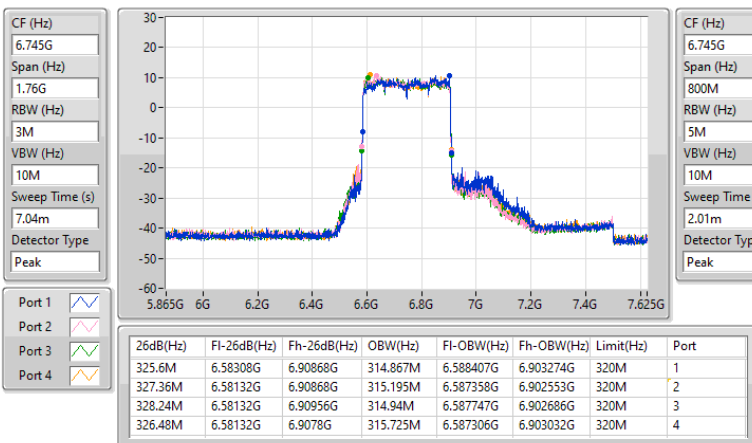


6.875-7.125GHz_802.11bn UHR160-BF_Nss1,(MCS0)_4TX
EBW
6985MHz

30/01/2026

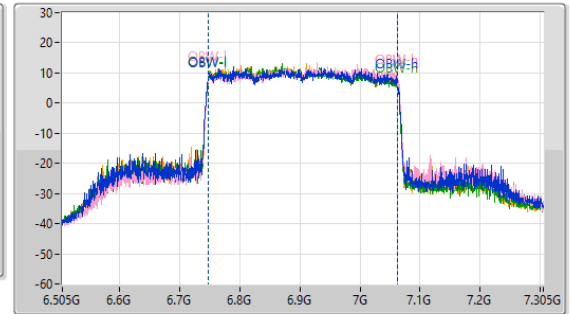
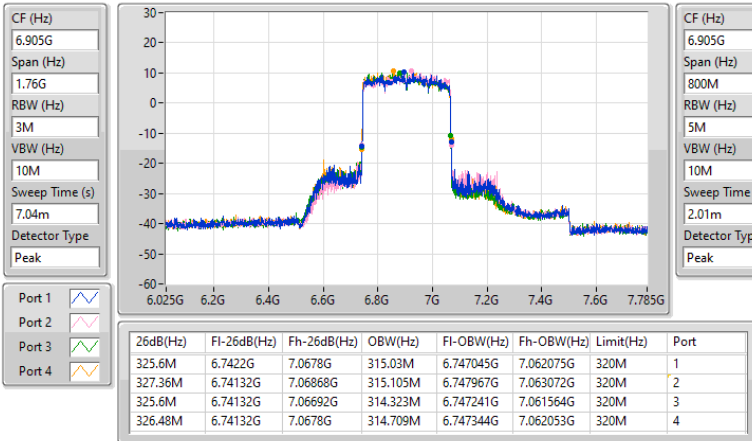

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EBW
6745MHz

07/02/2026

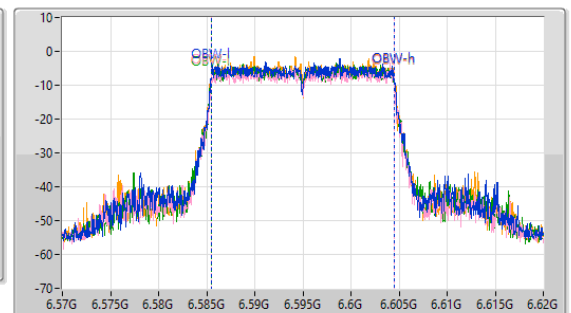
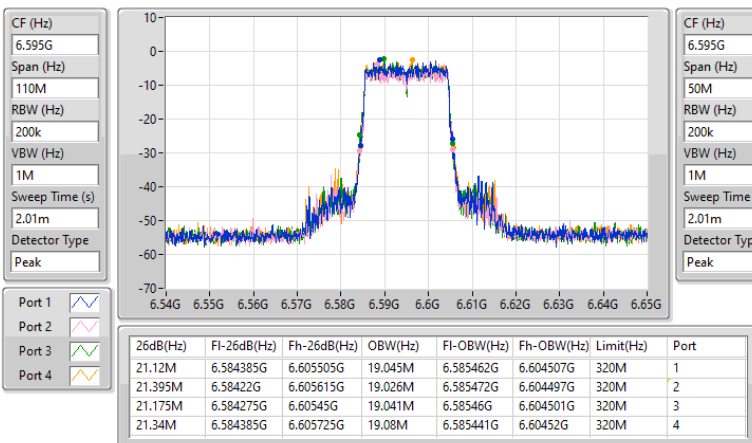


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EBW
6905MHz

13/01/2026

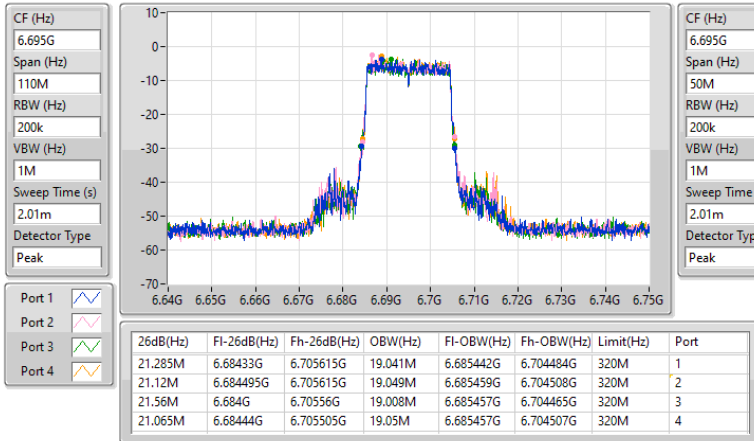

6.525-6.875GHz_802.11bn UHR20-BF_Nss2,(MCS0)_4TX
EBW
6595MHz

13/01/2026

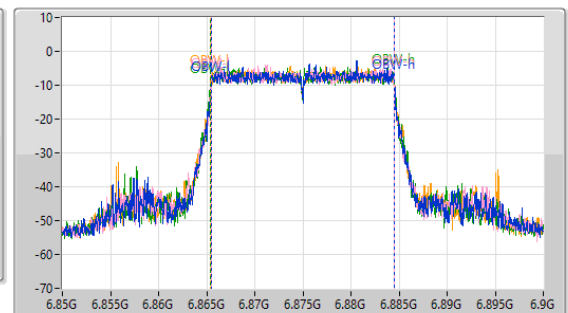
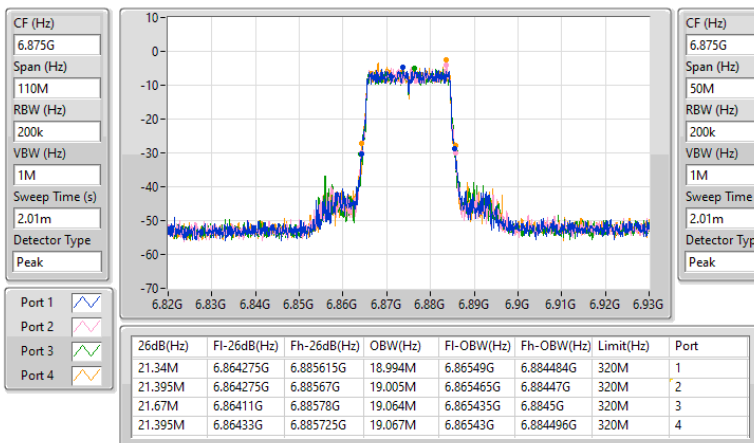


6.525-6.875GHz_802.11bn UHR20-BF_Nss2,(MCS0)_4TX
EBW
6695MHz

13/01/2026

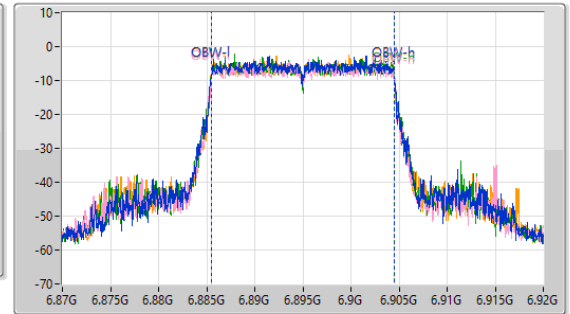
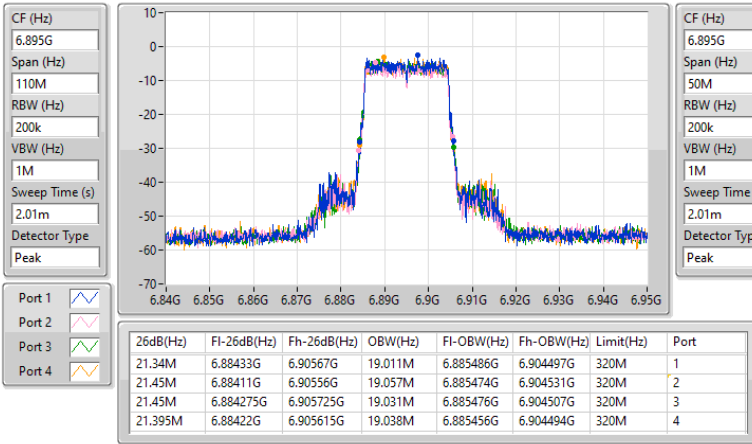

6.525-6.875GHz_802.11bn UHR20-BF_Nss2,(MCS0)_4TX
EBW
6875MHz

13/01/2026

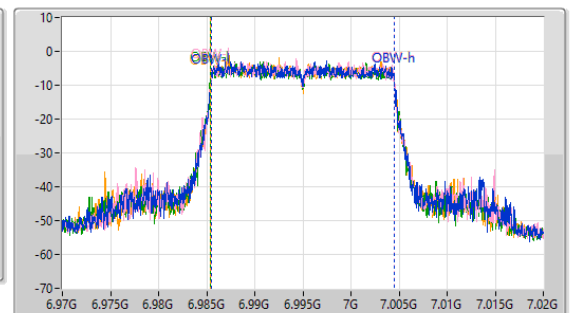
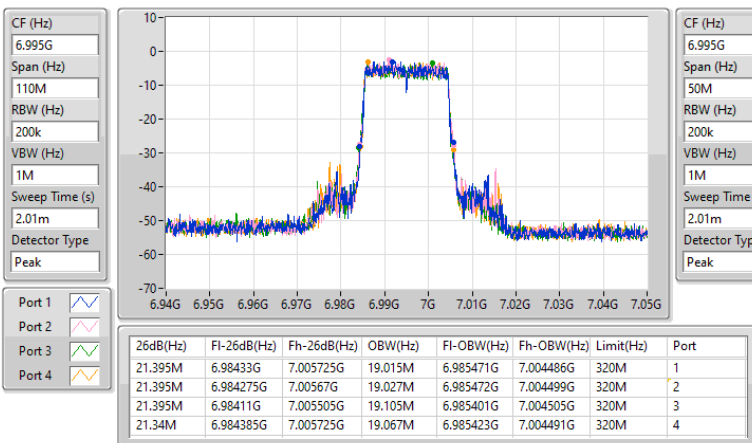


6.875-7.125GHz_802.11bn UHR20-BF_Nss2,(MCS0)_4TX
EBW
6895MHz

30/01/2026

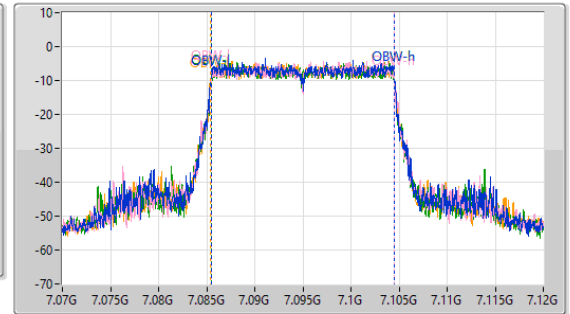
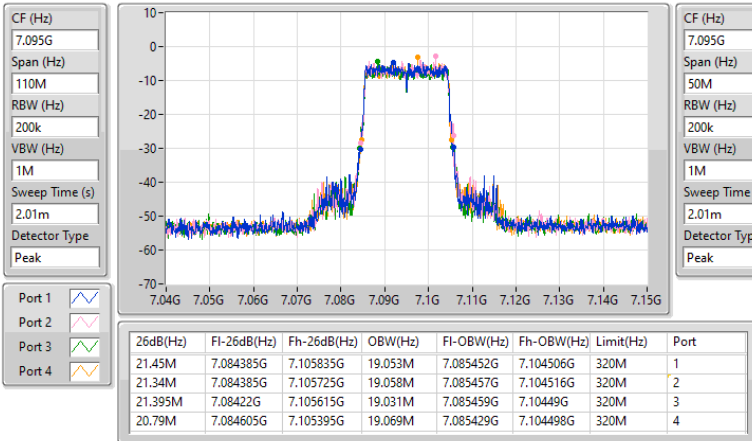

6.875-7.125GHz_802.11bn UHR20-BF_Nss2,(MCS0)_4TX
EBW
6995MHz

13/01/2026

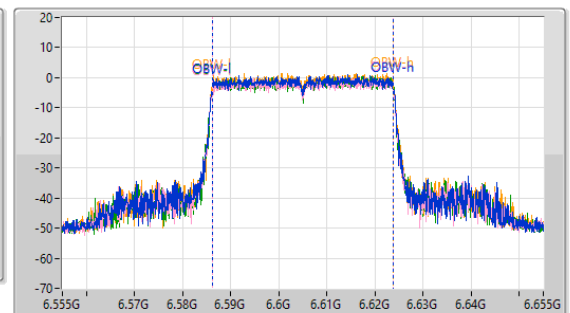
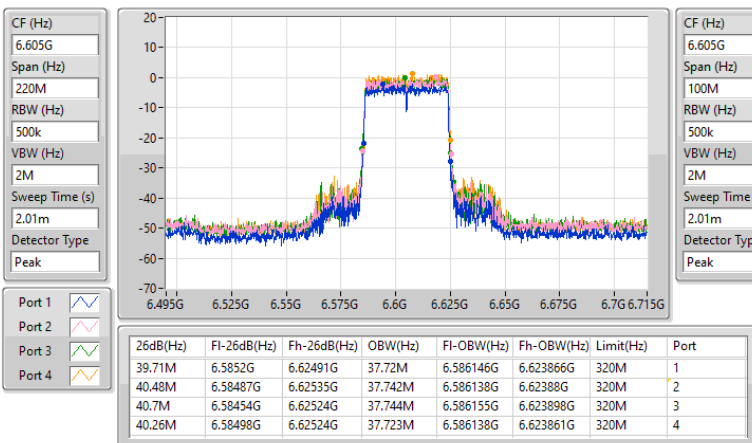


6.875-7.125GHz_802.11bn UHR20-BF_Nss2,(MCS0)_4TX
EBW
7095MHz

13/01/2026


6.525-6.875GHz_802.11bn UHR40-BF_Nss2,(MCS0)_4TX
EBW
6605MHz

13/01/2026

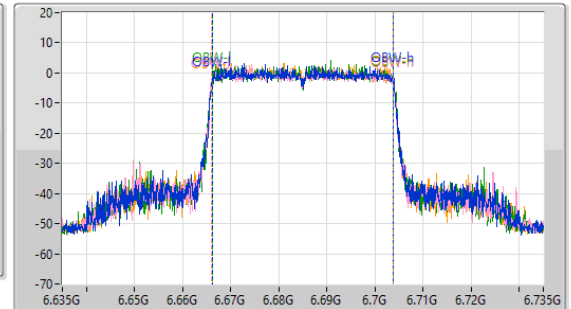
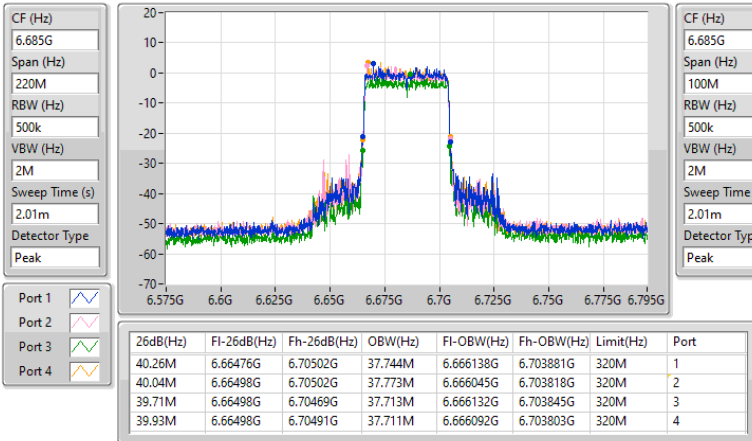


6.525-6.875GHz_802.11bn UHR40-BF_Nss2,(MCS0)_4TX

EBW

6685MHz

30/01/2026

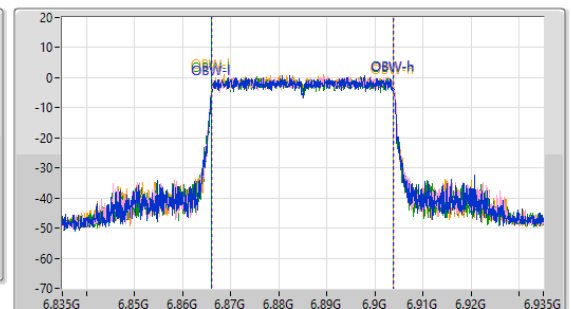
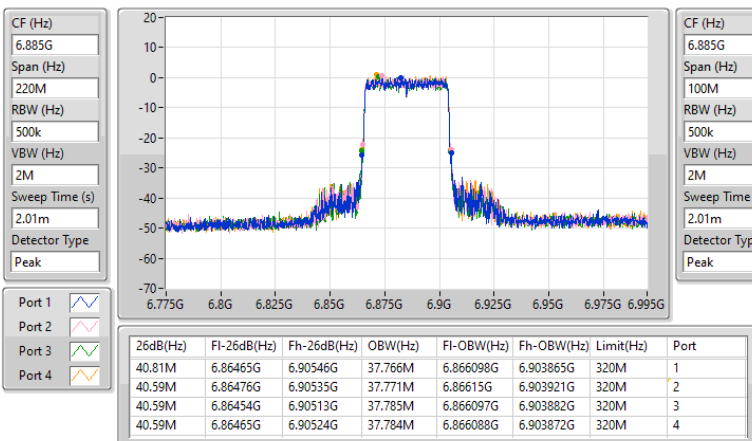


6.525-6.875GHz_802.11bn UHR40-BF_Nss2,(MCS0)_4TX

EBW

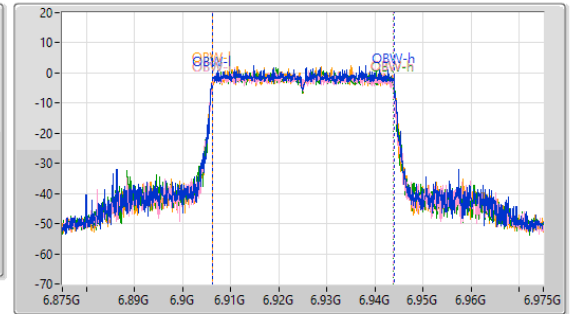
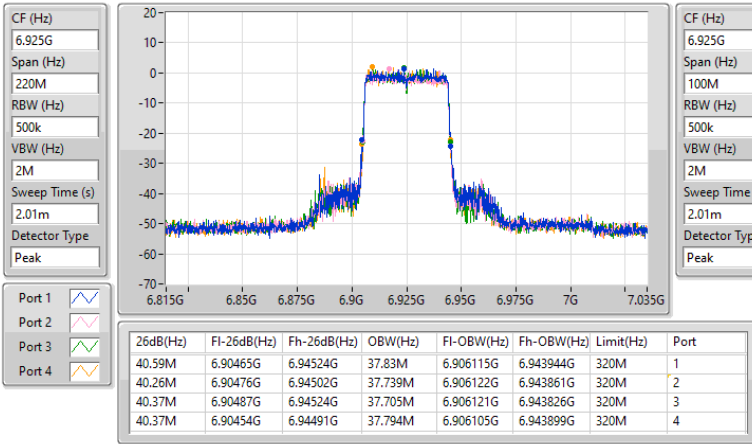
6685MHz

13/01/2026

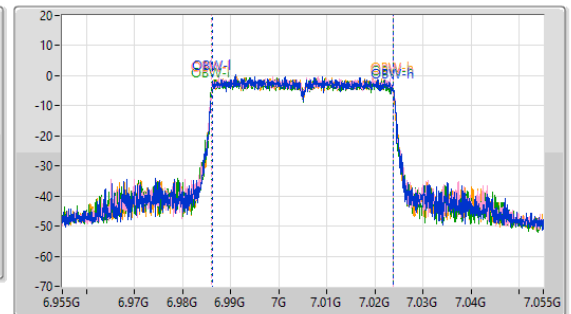
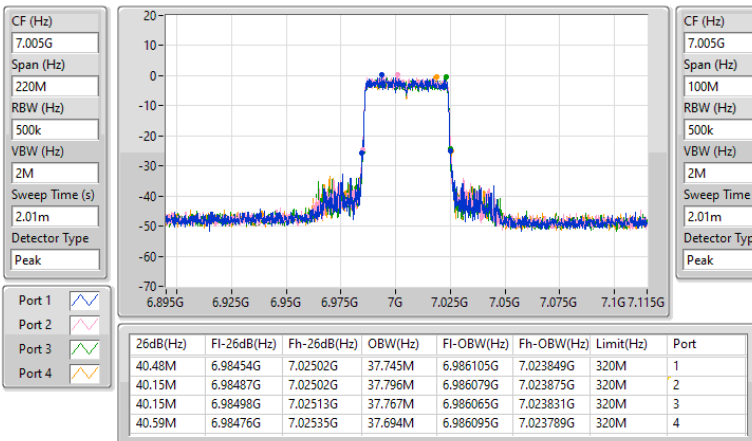


6.875-7.125GHz_802.11bn UHR40-BF_Nss2,(MCS0)_4TX
EBW
6925MHz

30/01/2026

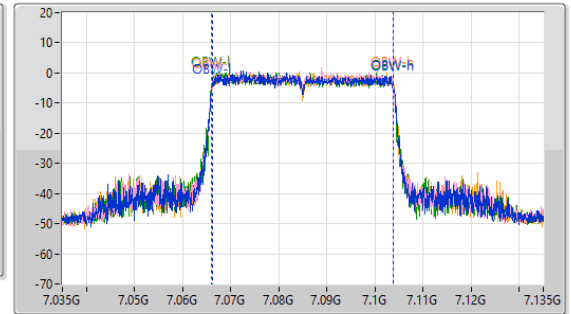
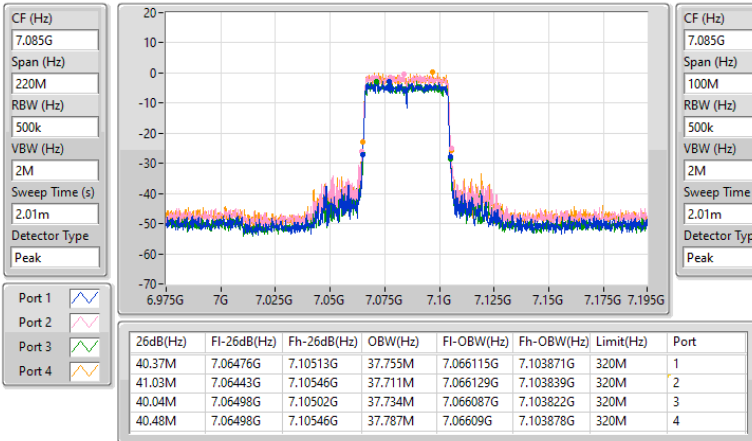

6.875-7.125GHz_802.11bn UHR40-BF_Nss2,(MCS0)_4TX
EBW
7005MHz

13/01/2026

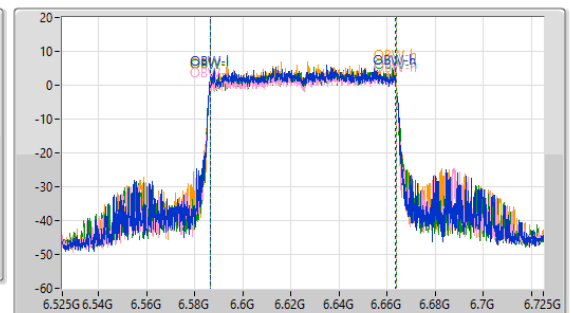
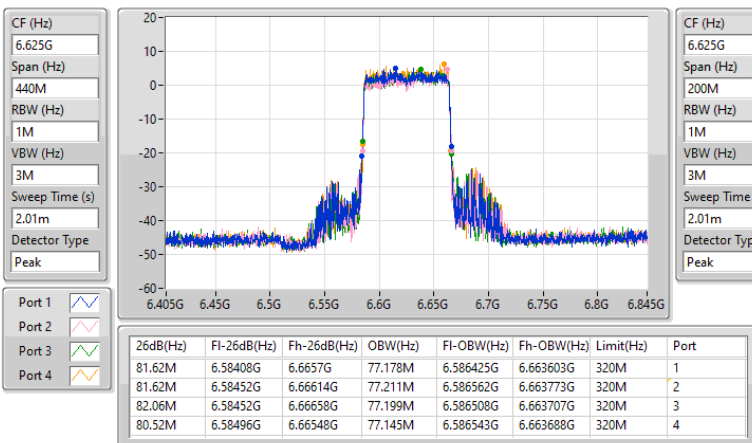


6.875-7.125GHz_802.11bn UHR40-BF_Nss2,(MCS0)_4TX
EBW
7085MHz

13/01/2026

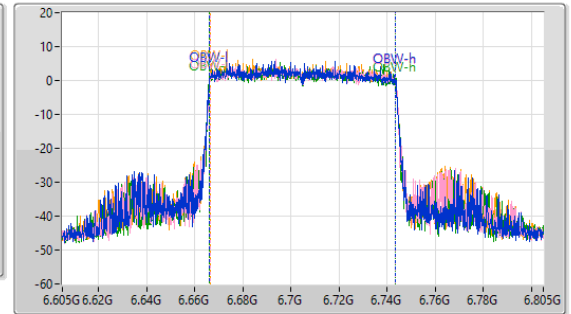
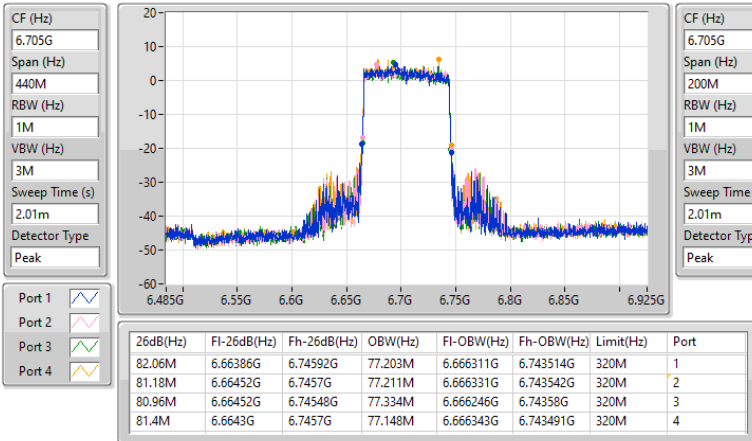

6.525-6.875GHz_802.11bn UHR80-BF_Nss2,(MCS0)_4TX
EBW
6625MHz

13/01/2026

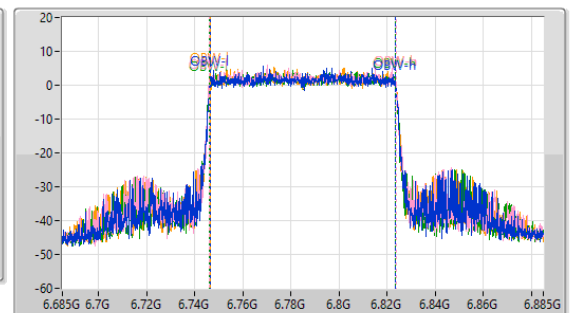
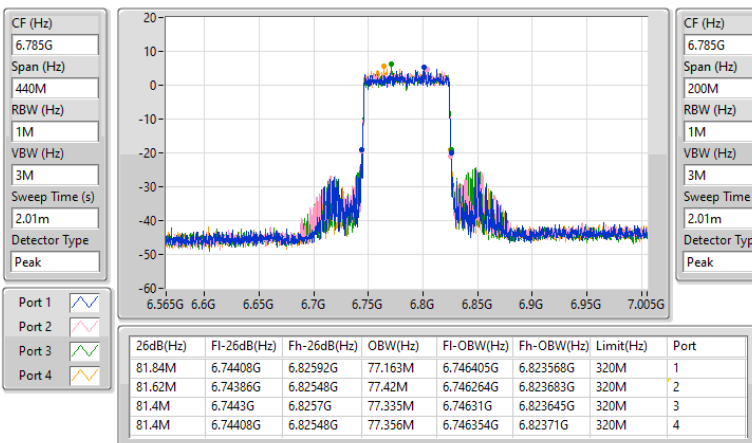


6.525-6.875GHz_802.11bn UHR80-BF_Nss2,(MCS0)_4TX
EBW
6705MHz

13/01/2026

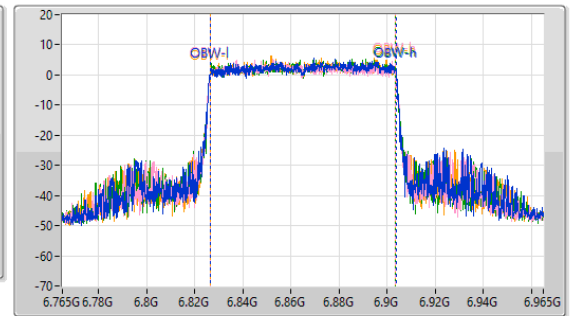
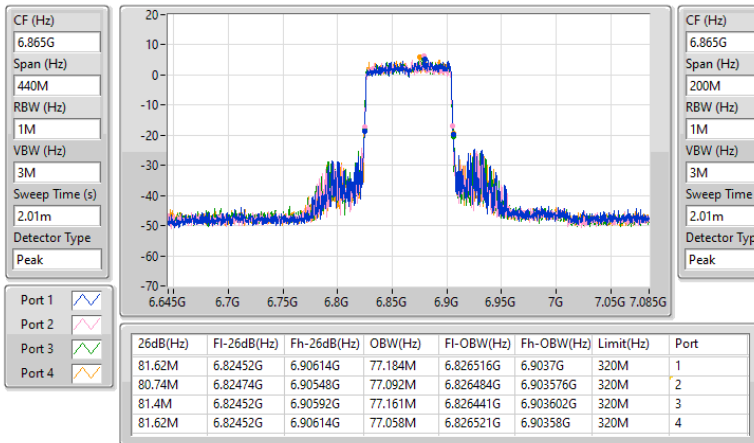

6.525-6.875GHz_802.11bn UHR80-BF_Nss2,(MCS0)_4TX
EBW
6785MHz

13/01/2026

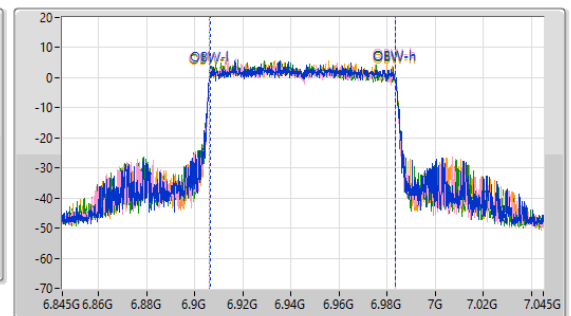
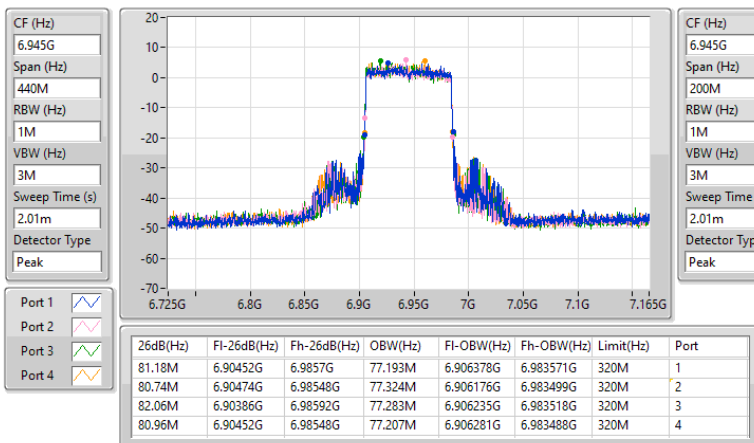


6.525-6.875GHz_802.11bn UHR80-BF_Nss2,(MCS0)_4TX
EBW
6865MHz

30/01/2026

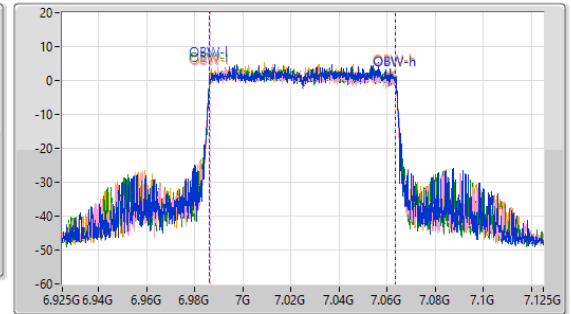
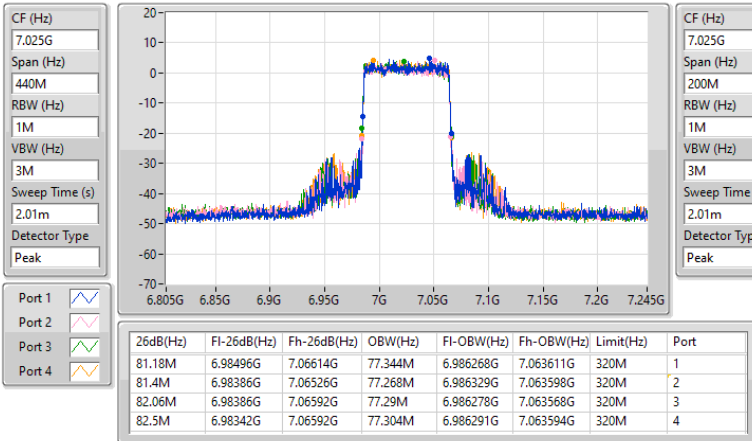

6.875-7.125GHz_802.11bn UHR80-BF_Nss2,(MCS0)_4TX
EBW
6945MHz

30/01/2026

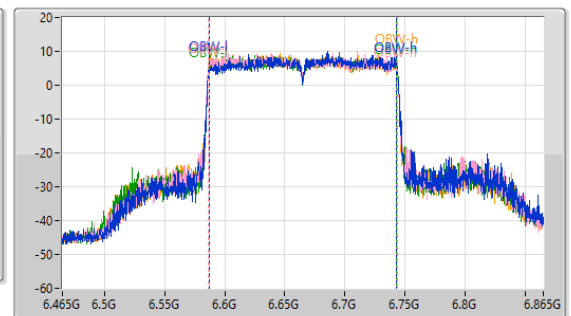
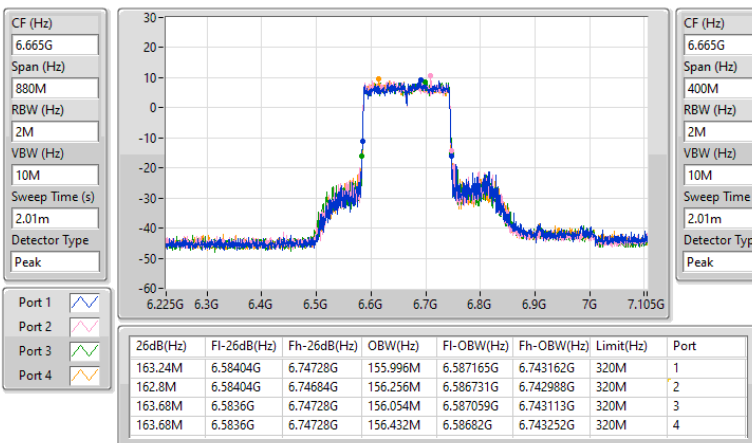


6.875-7.125GHz_802.11bn UHR80-BF_Nss2,(MCS0)_4TX
EBW
7025MHz

30/01/2026

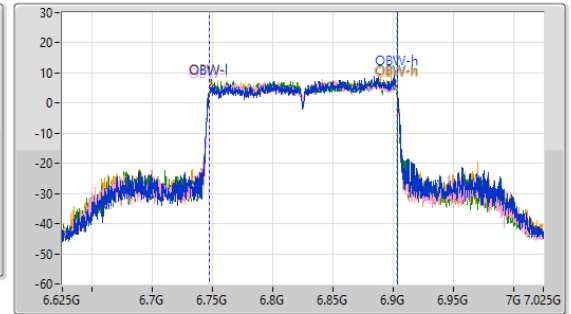
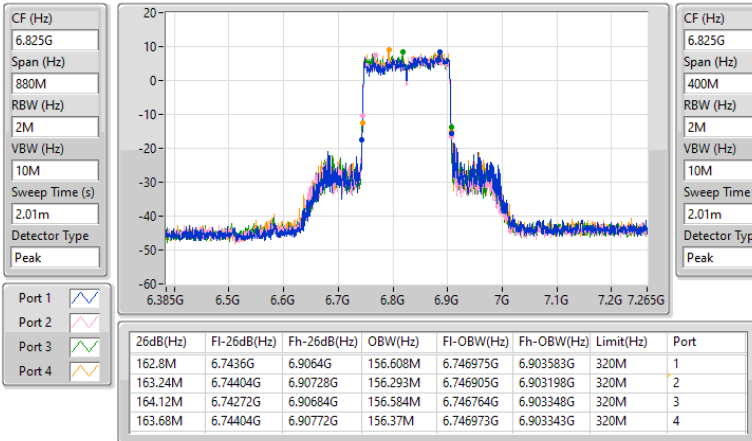

6.525-6.875GHz_802.11bn UHR160-BF_Nss2,(MCS0)_4TX
EBW
6665MHz

07/02/2026

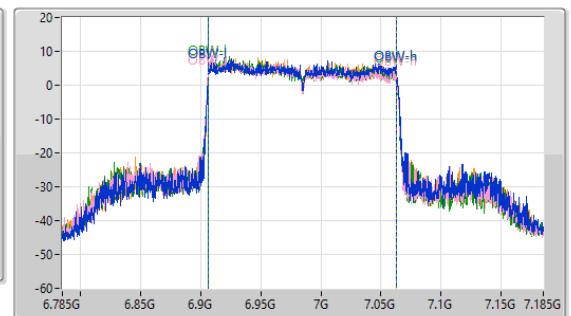
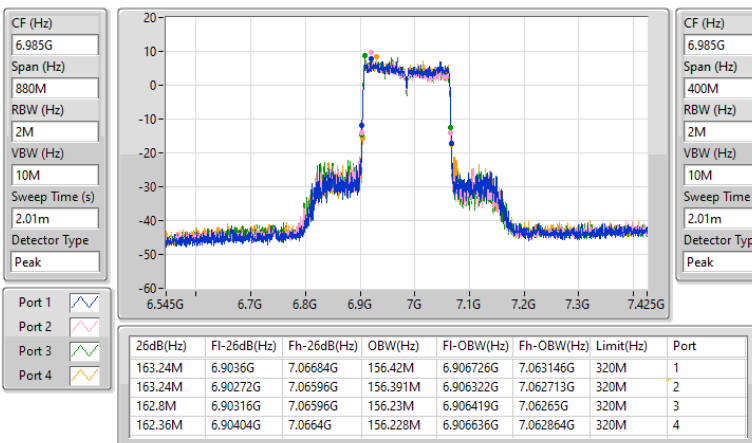


6.525-6.875GHz_802.11bn UHR160-BF_Nss2,(MCS0)_4TX
EBW
6825MHz

30/01/2026

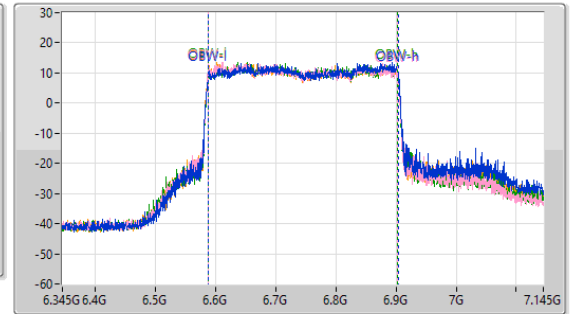
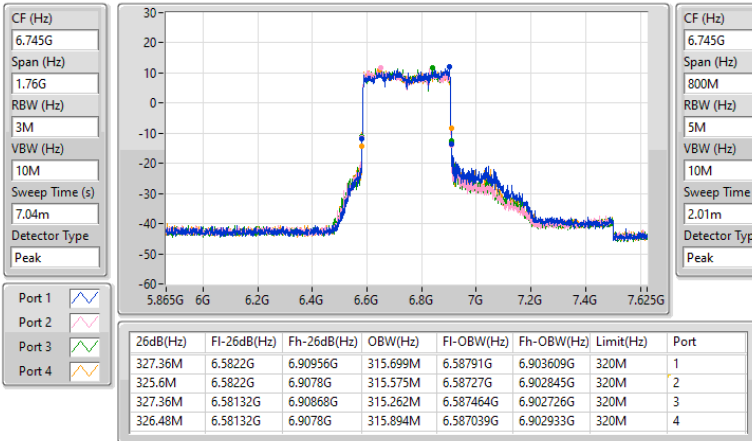

6.875-7.125GHz_802.11bn UHR160-BF_Nss2,(MCS0)_4TX
EBW
6985MHz

30/01/2026

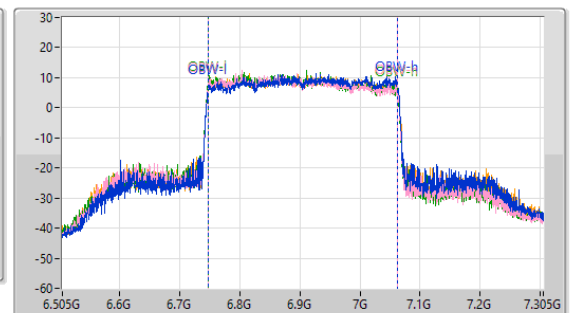
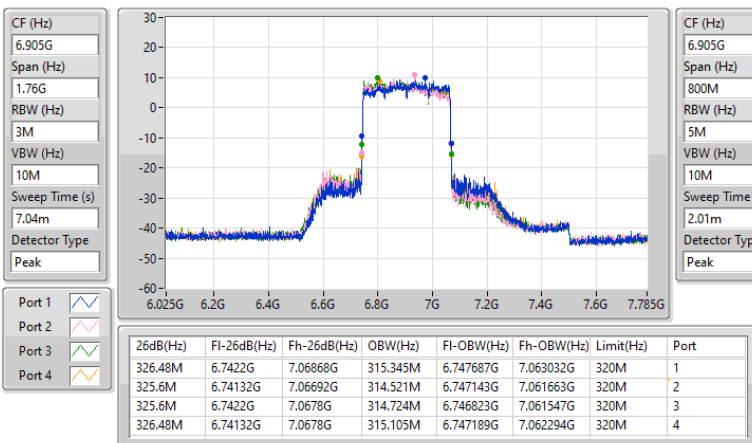


6.525-6.875GHz_802.11bn UHR320-BF_Nss2,(MCS0)_4TX
EBW
6745MHz

30/01/2026


6.525-6.875GHz_802.11bn UHR320-BF_Nss2,(MCS0)_4TX
EBW
6905MHz

30/01/2026





Radiated EIRP_ Mode 1

Appendix C.1

Summary

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.63	0.02307



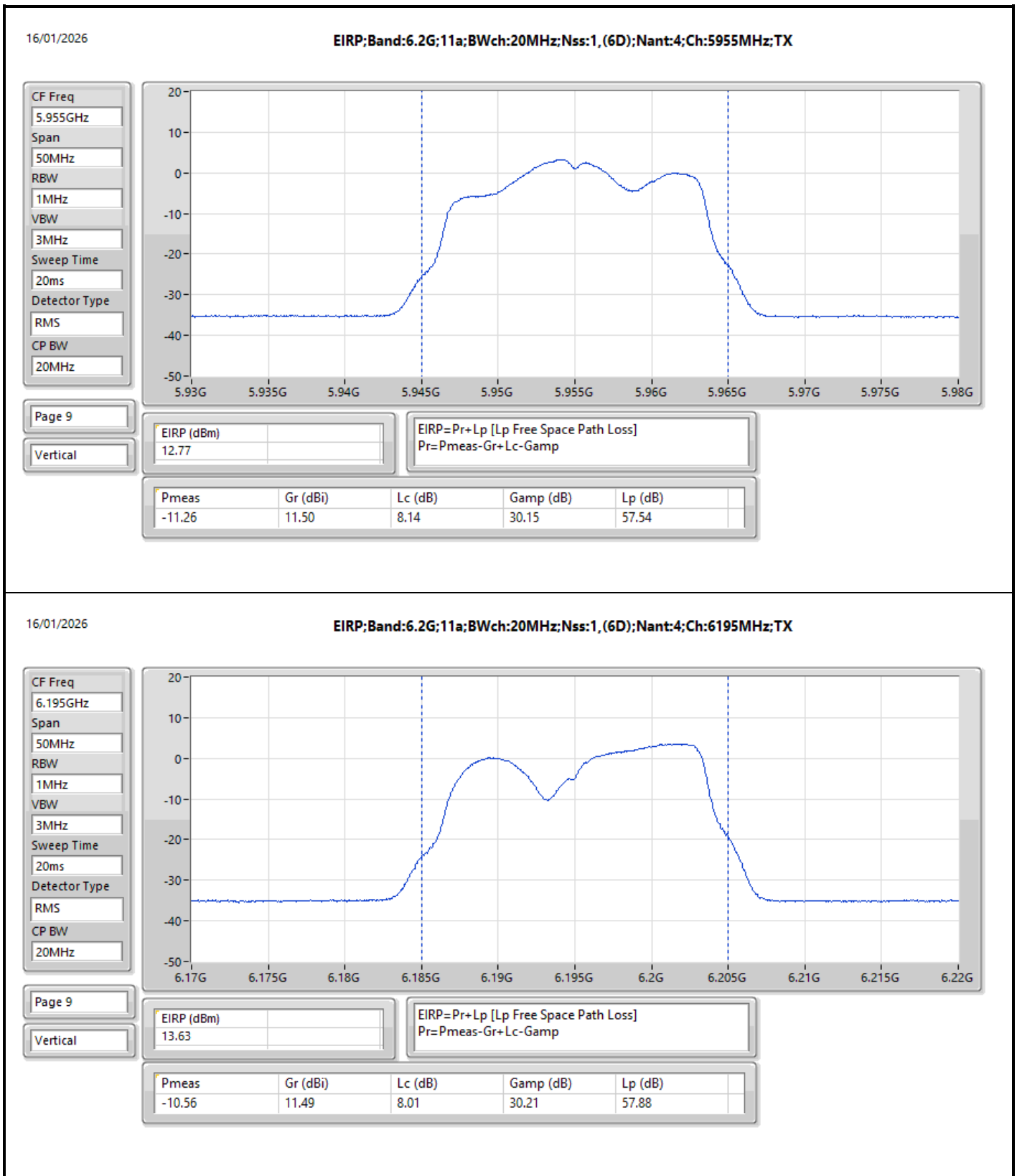
Radiated EIRP_ Mode 1

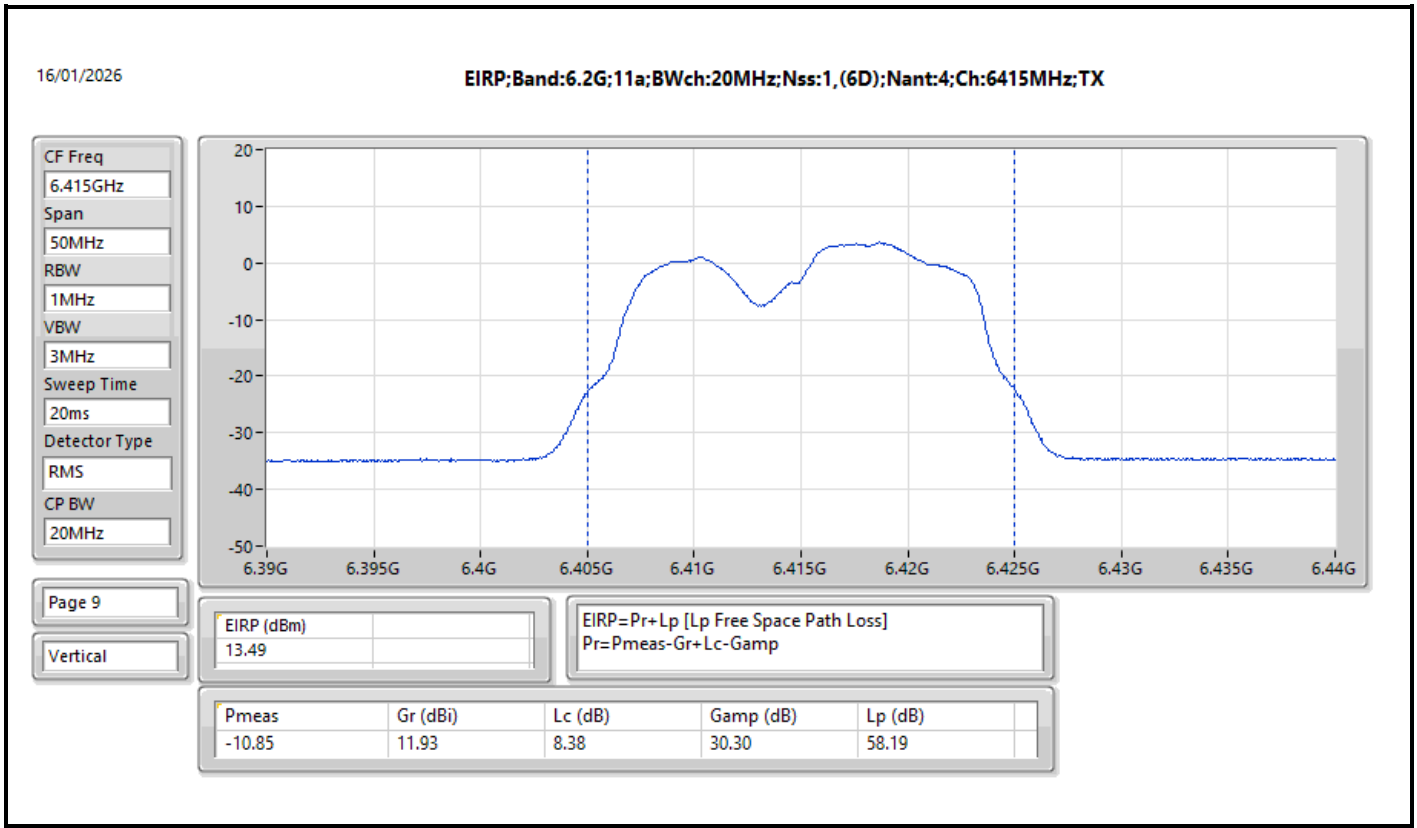
Appendix C.1

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-
5955MHz	Pass	12.77	30.00
6195MHz	Pass	13.63	30.00
6415MHz	Pass	13.49	30.00

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





Summary

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	17.89	0.06152
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	18.16	0.06546
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	20.70	0.11749
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	21.08	0.12823
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	23.98	0.25003
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	23.55	0.22646
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	25.46	0.35156
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	26.34	0.43053
802.11bn UHR320-BF_Nss1,(MCS0)_4TX	28.82	0.76208
802.11bn UHR320-BF_Nss2,(MCS0)_4TX	28.50	0.70795

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	17.02	30.00
6195MHz	Pass	16.75	30.00
6415MHz	Pass	17.89	30.00
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	20.57	30.00
6205MHz	Pass	20.70	30.00
6405MHz	Pass	19.04	30.00
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	23.98	30.00
6225MHz	Pass	21.86	30.00
6385MHz	Pass	22.21	30.00
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	25.43	30.00
6185MHz	Pass	25.46	30.00
6345MHz	Pass	25.30	30.00
802.11bn UHR320-BF_Nss1,(MCS0)_4TX	-	-	-
6105MHz	Pass	28.82	30.00
6265MHz	Pass	28.54	30.00
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	-	-	-
5955MHz	Pass	18.16	30.00
6195MHz	Pass	16.33	30.00
6415MHz	Pass	16.80	30.00
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	-	-	-
5965MHz	Pass	21.08	30.00
6205MHz	Pass	20.68	30.00
6405MHz	Pass	20.55	30.00
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	-	-	-
5985MHz	Pass	23.39	30.00
6225MHz	Pass	23.55	30.00
6385MHz	Pass	21.86	30.00
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	-	-	-
6025MHz	Pass	25.65	30.00
6185MHz	Pass	26.27	30.00
6345MHz	Pass	26.34	30.00
802.11bn UHR320-BF_Nss2,(MCS0)_4TX	-	-	-
6105MHz	Pass	28.28	30.00
6265MHz	Pass	28.50	30.00

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

10/01/2026

EIRP;Band:6.2G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5955MHz;TX

CF Freq
5.955GHz

Span
50MHz

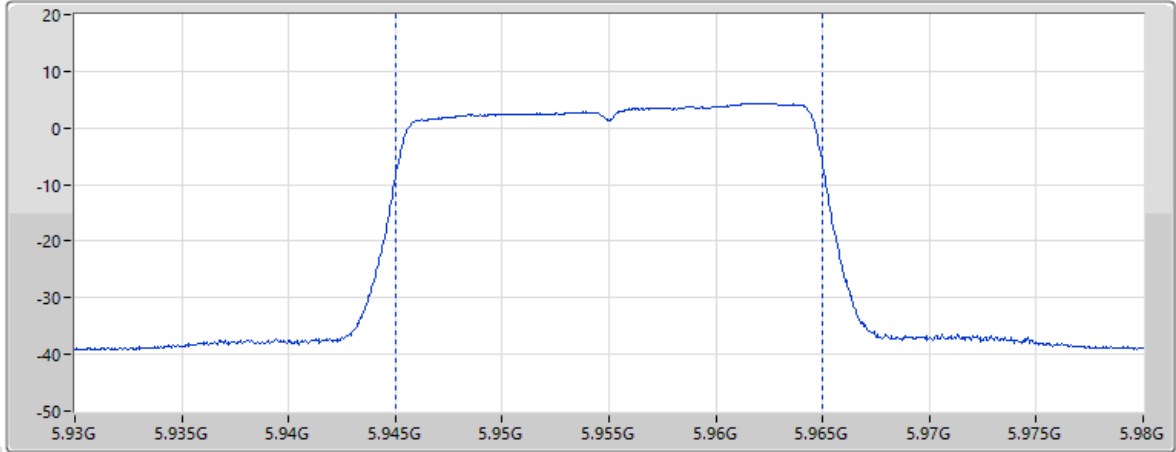
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
20MHz



Page 9

Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
17.02		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.04	11.01	7.53	35.00	57.54

10/01/2026

EIRP;Band:6.2G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6195MHz;TX

CF Freq
6.195GHz

Span
50MHz

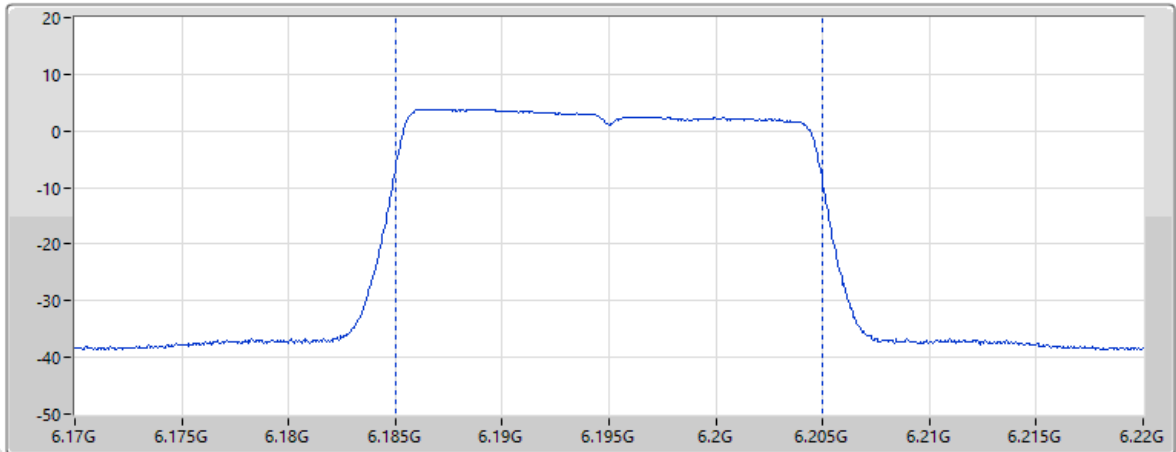
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
20MHz



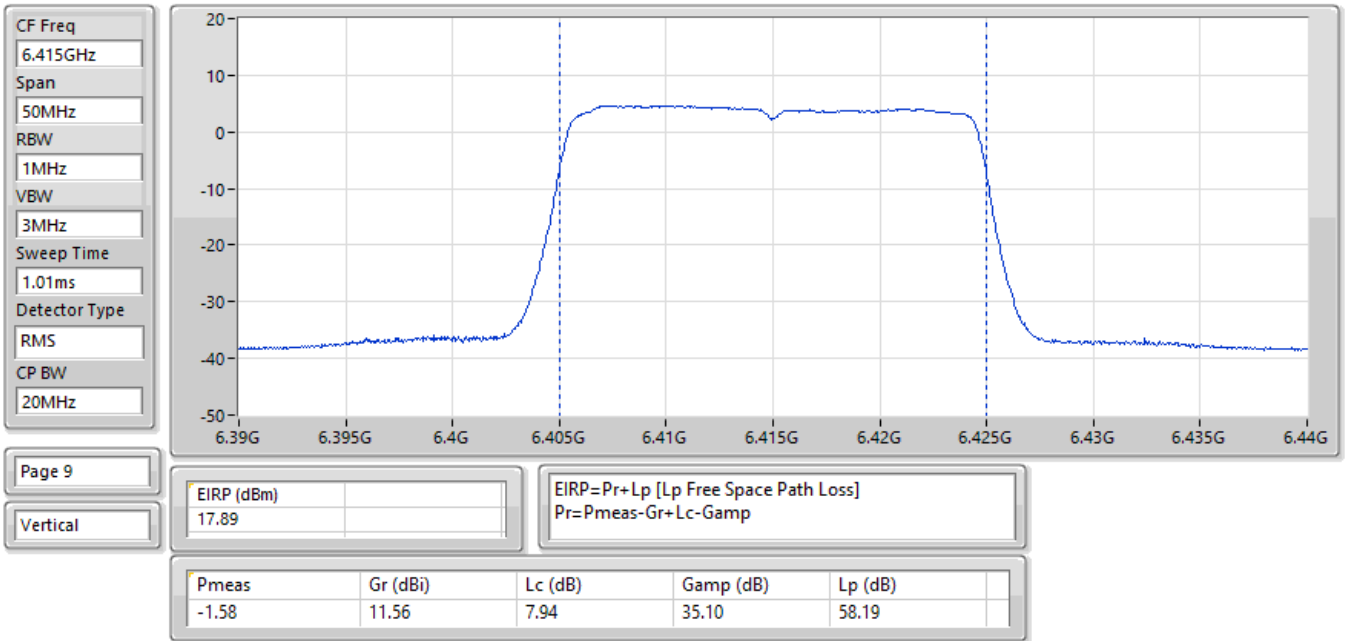
Page 9

Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
16.75		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.73	11.09	7.74	35.05	57.88

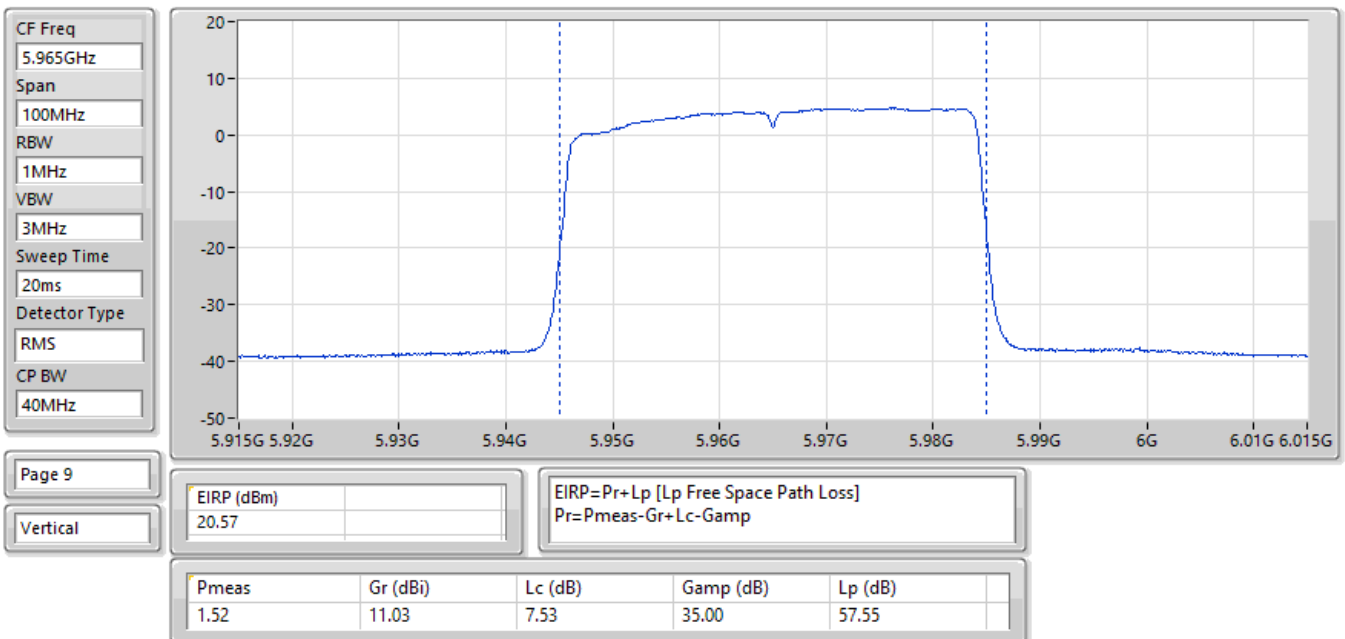
10/01/2026

EIRP:Band:6.2G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6415MHz;TX



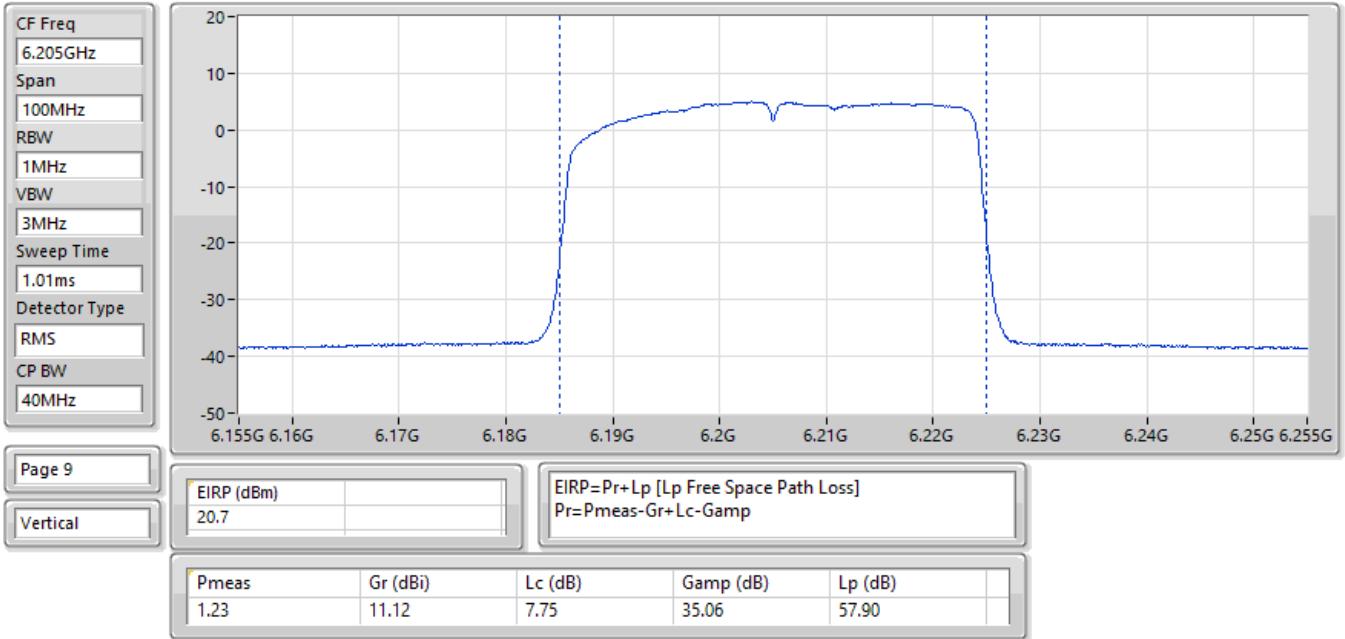
10/01/2026

EIRP:Band:6.2G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5965MHz;TX



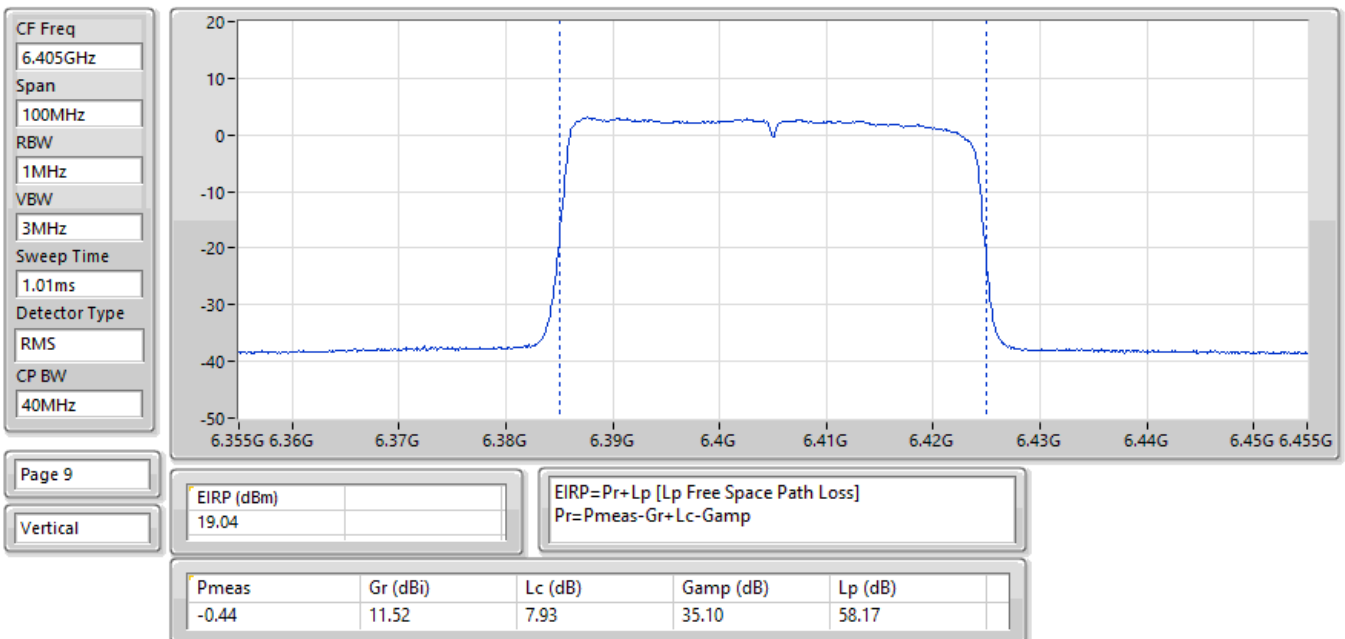
10/01/2026

EIRP:Band:6.2G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6205MHz;TX



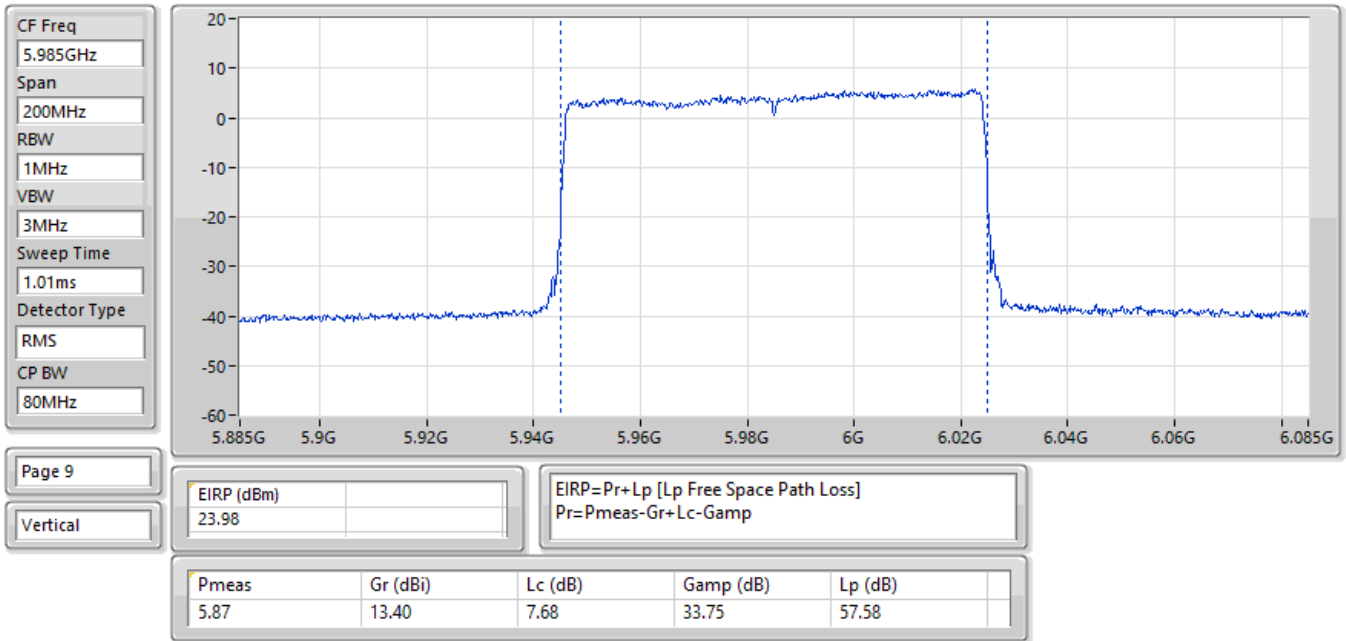
10/01/2026

EIRP:Band:6.2G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6405MHz;TX



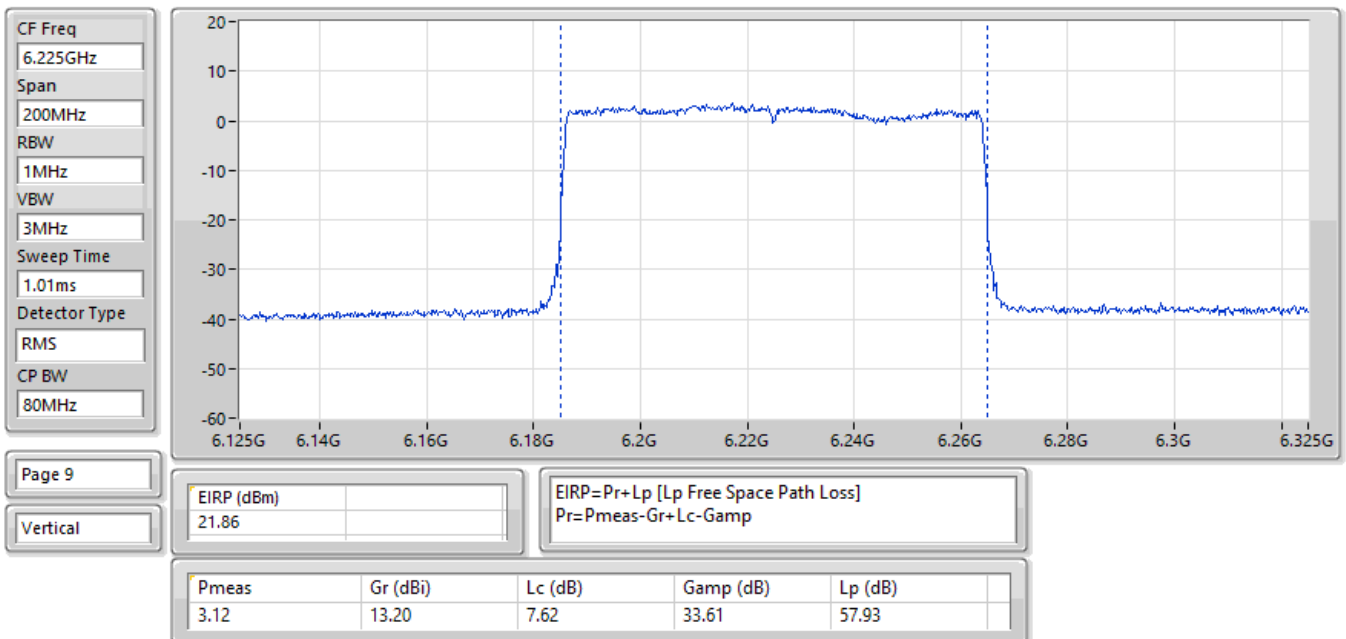
29/12/2025

EIRP:Band:6.2G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:5985MHz;TX



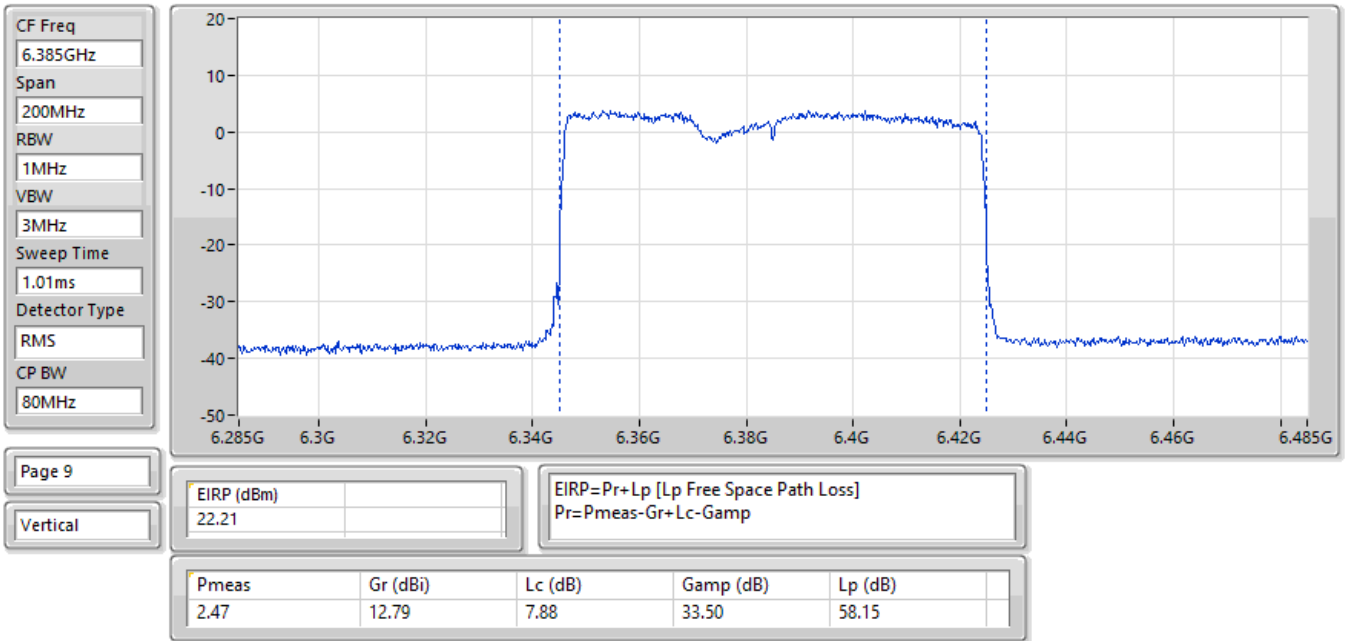
09/02/2026

EIRP:Band:6.2G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6225MHz;TX



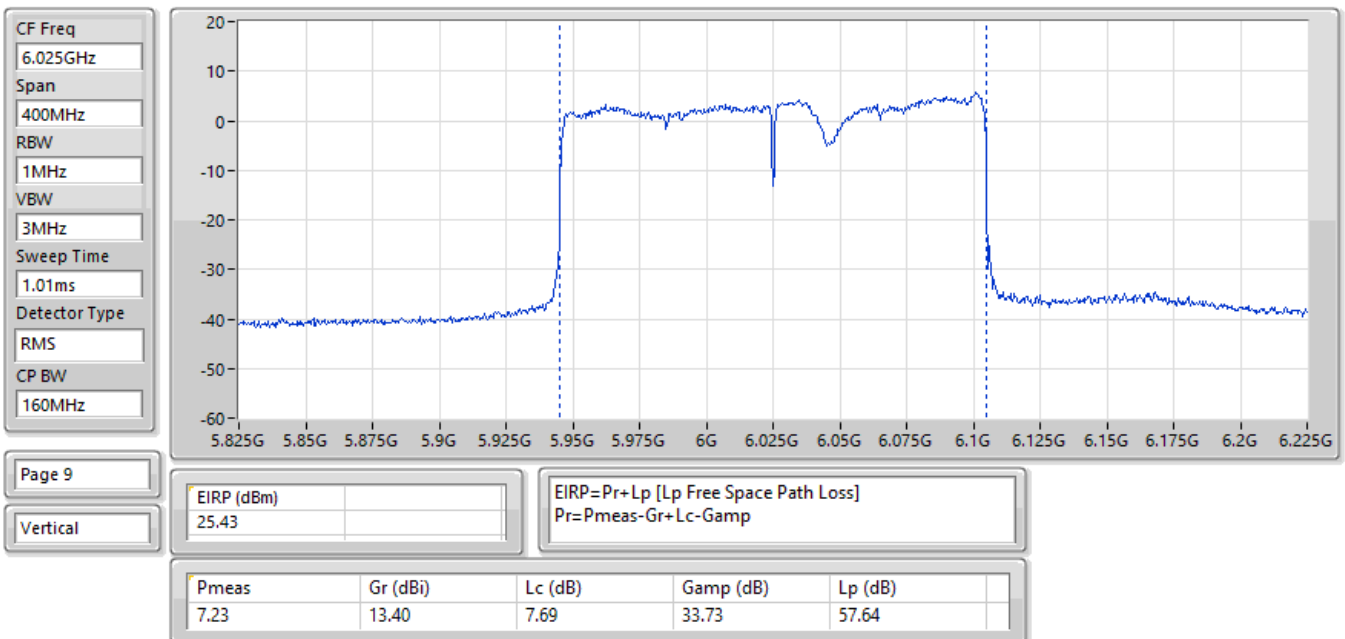
29/12/2025

EIRP;Band:6.2G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6385MHz;TX



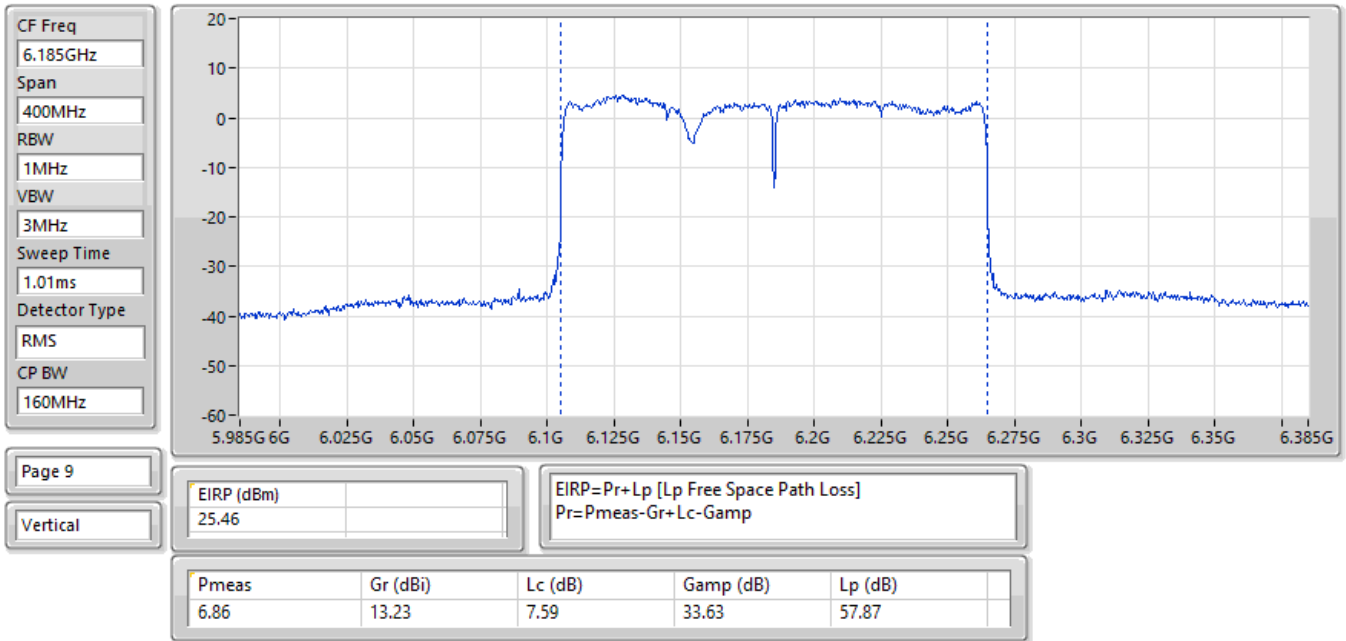
29/12/2025

EIRP;Band:6.2G;bn160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6025MHz;TX



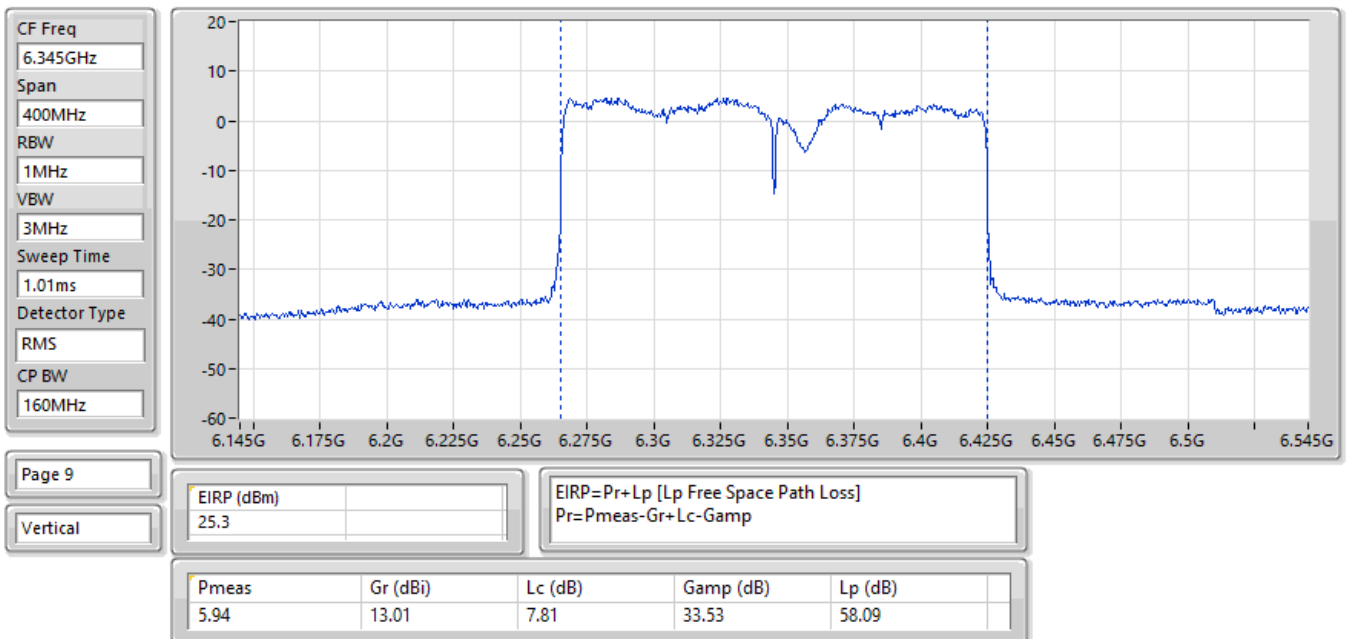
29/12/2025

EIRP;Band:6.2G;bn160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6185MHz;TX

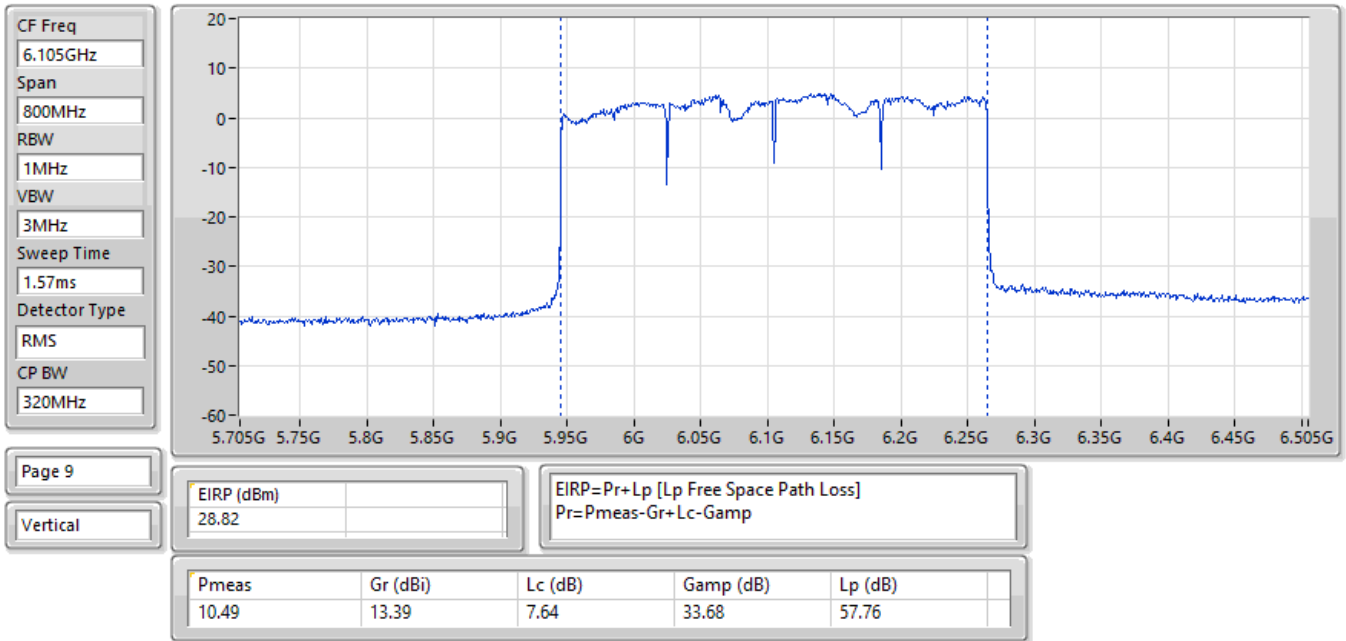


29/12/2025

EIRP;Band:6.2G;bn160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6345MHz;TX

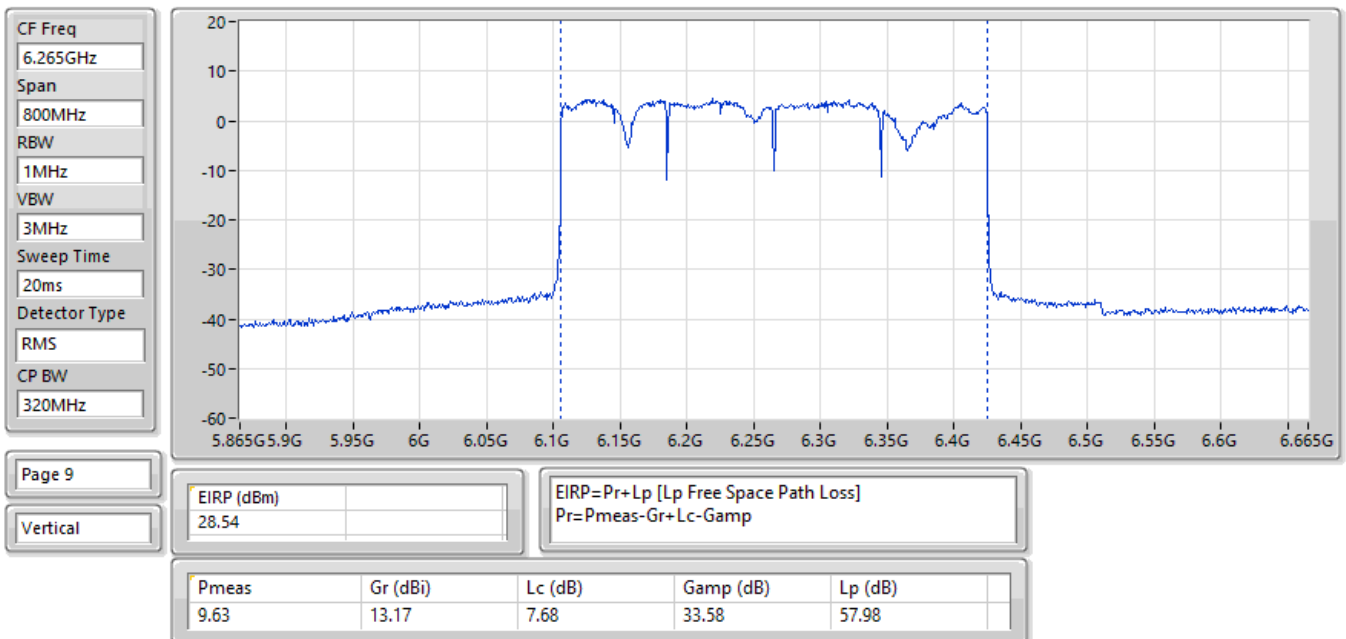


EIRP;Band:6.2G;bn320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6105MHz;TX



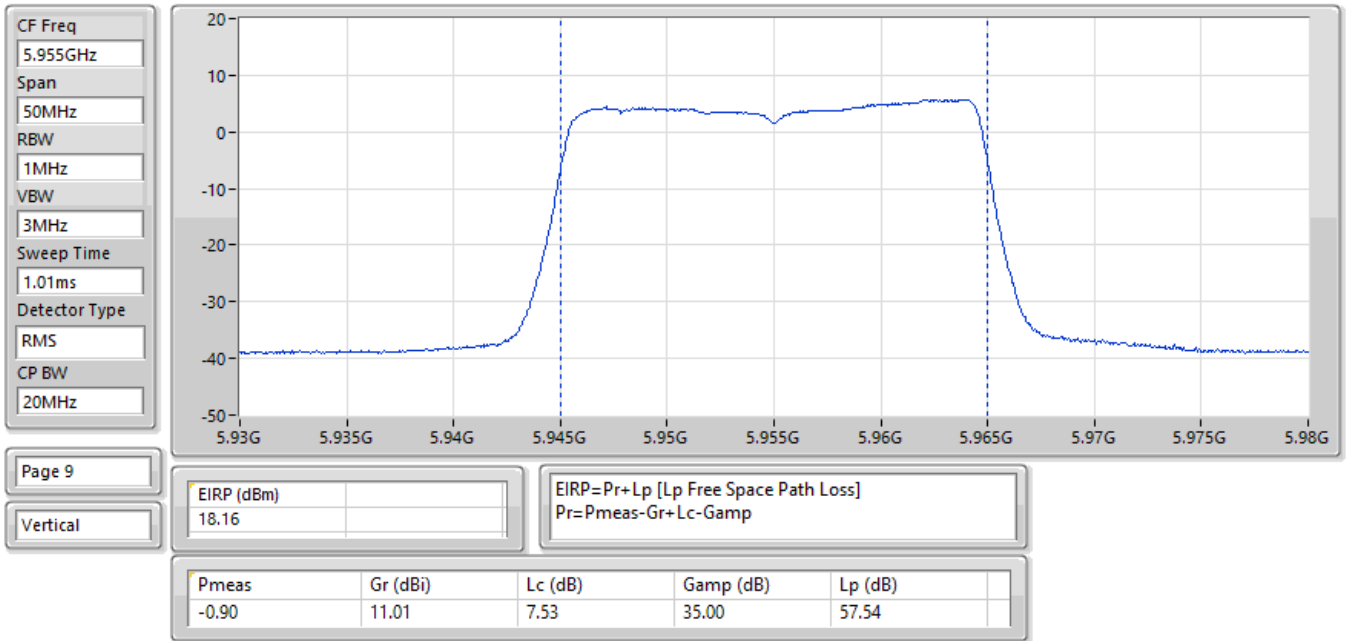
29/12/2025

EIRP;Band:6.2G;bn320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6265MHz;TX



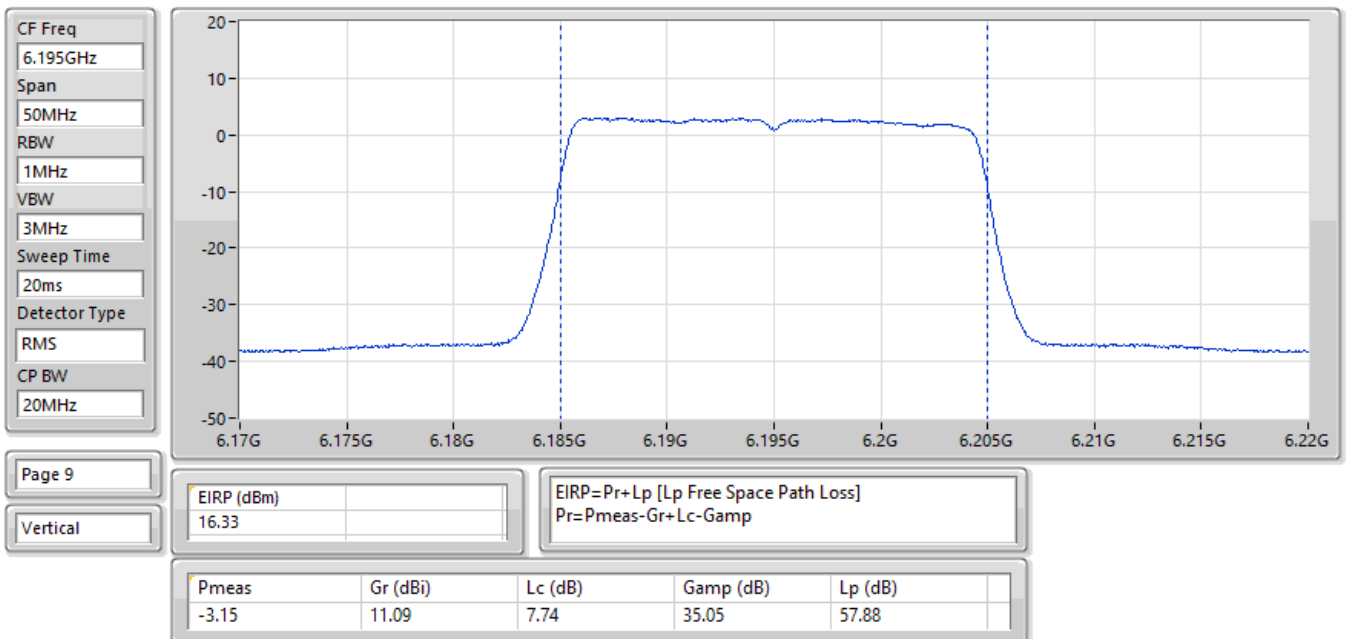
08/01/2026

EIRP:Band:6.2G;bn20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:5955MHz;TX



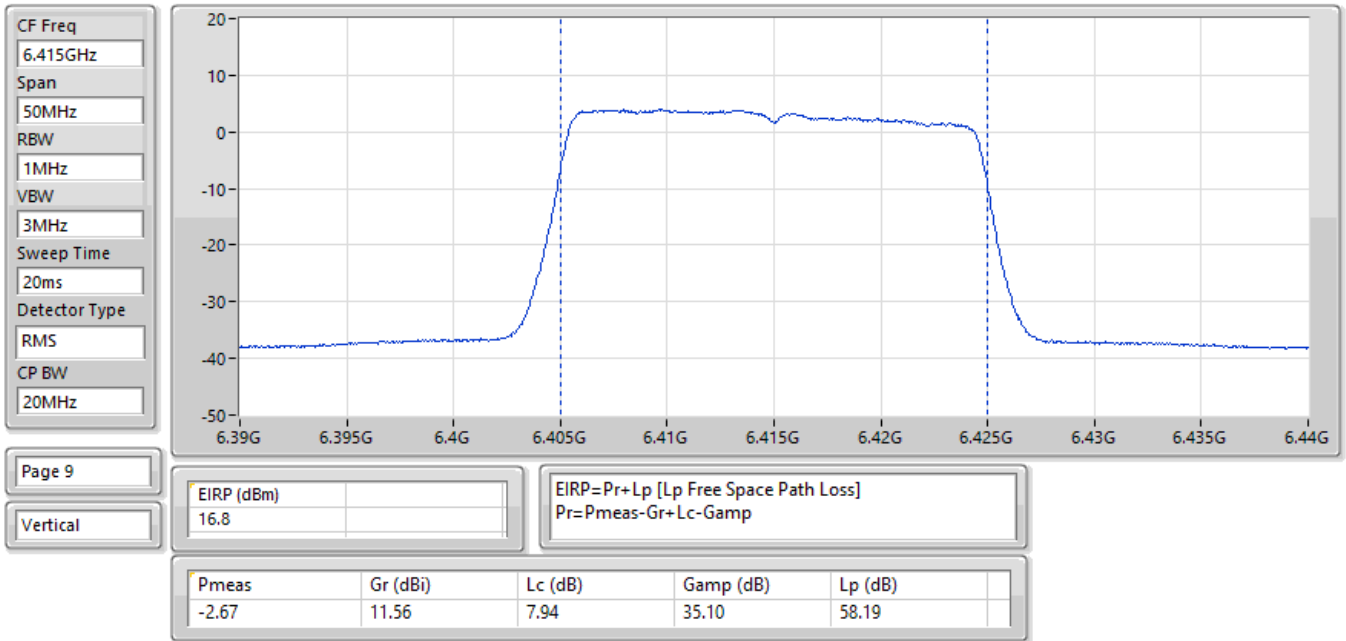
08/01/2026

EIRP:Band:6.2G;bn20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:6195MHz;TX



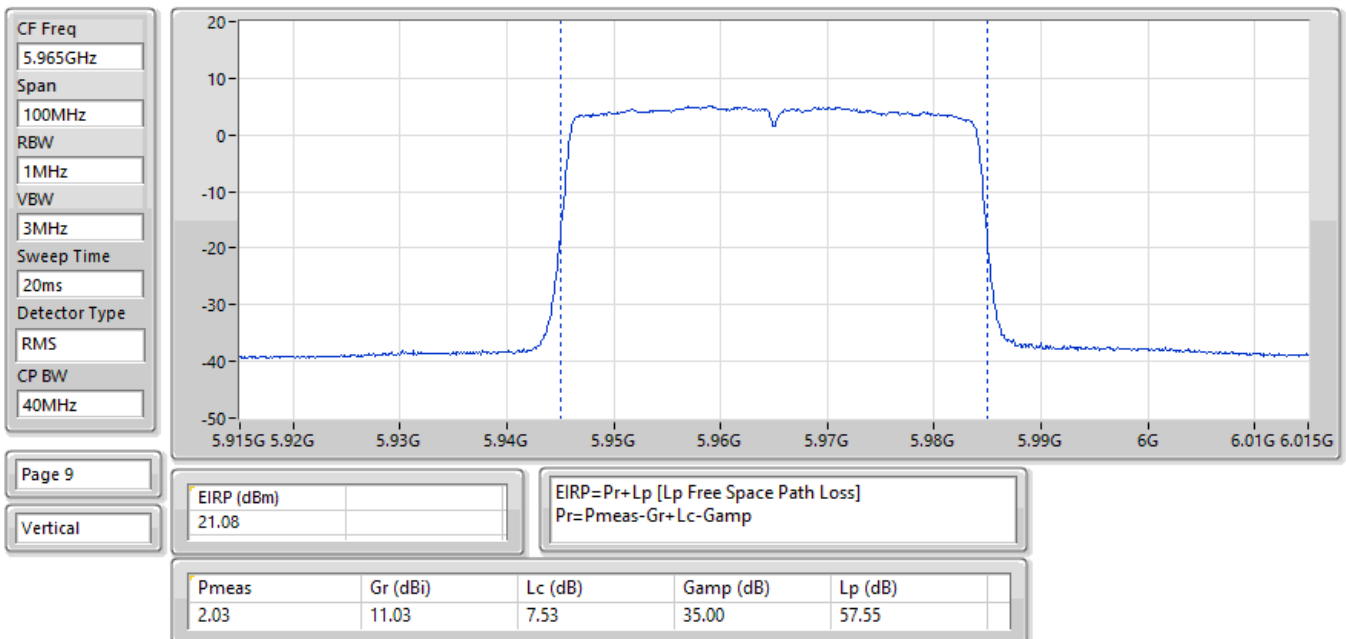
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EIRP:Band:6.2G;bn20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:6415MHz;TX



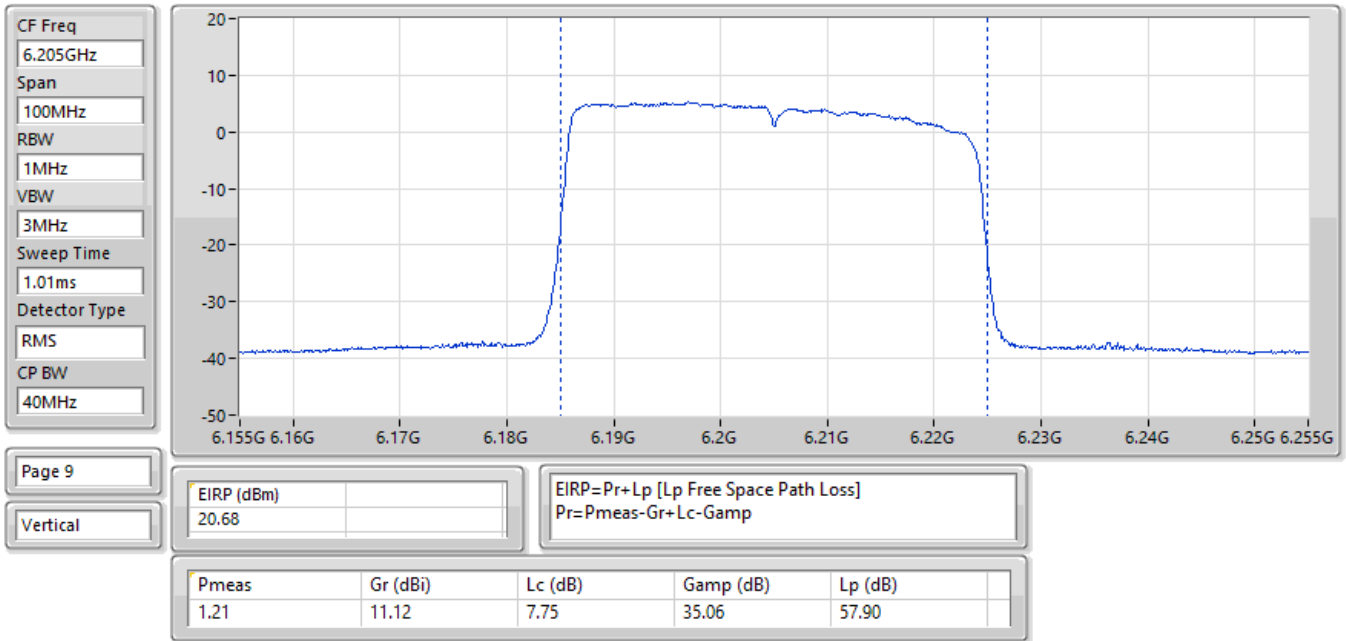
08/01/2026

EIRP:Band:6.2G;bn40,BF;BWch:40MHz;Nss:2,(M0);Nant:4;Ch:5965MHz;TX



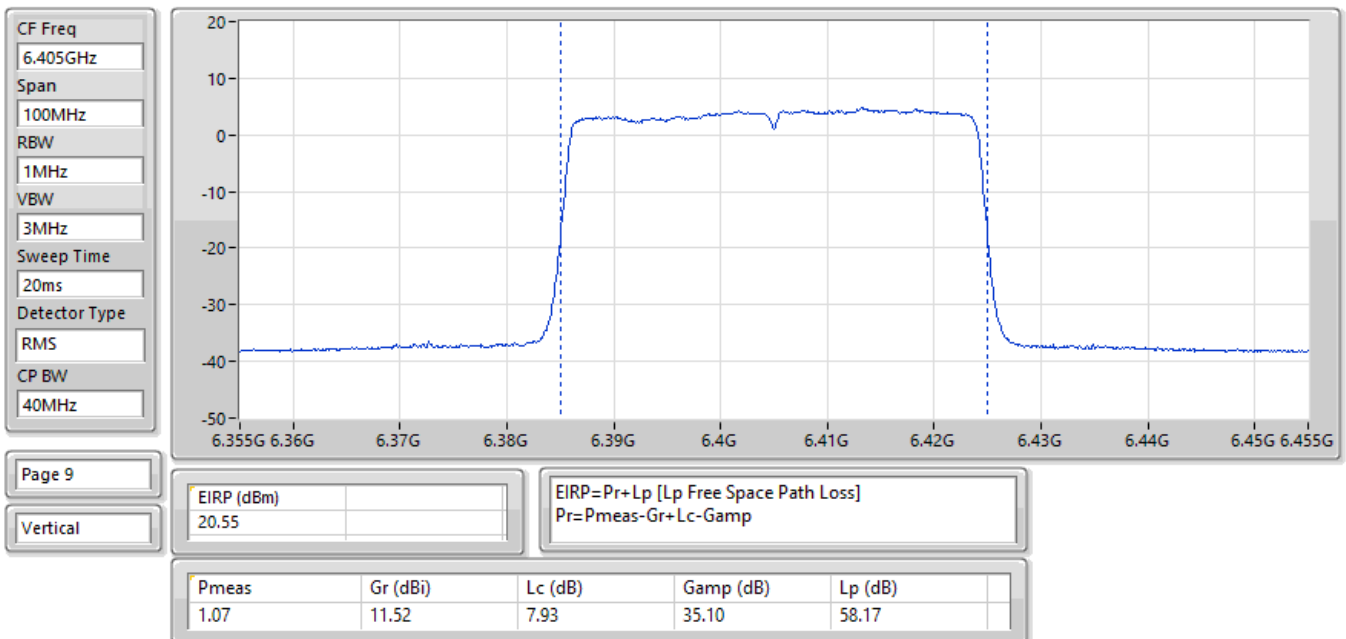
09/02/2026

EIRP:Band:6.2G;bn40,BF;BWch:40MHz;Nss:2,(M0);Nant:4;Ch:6205MHz;TX



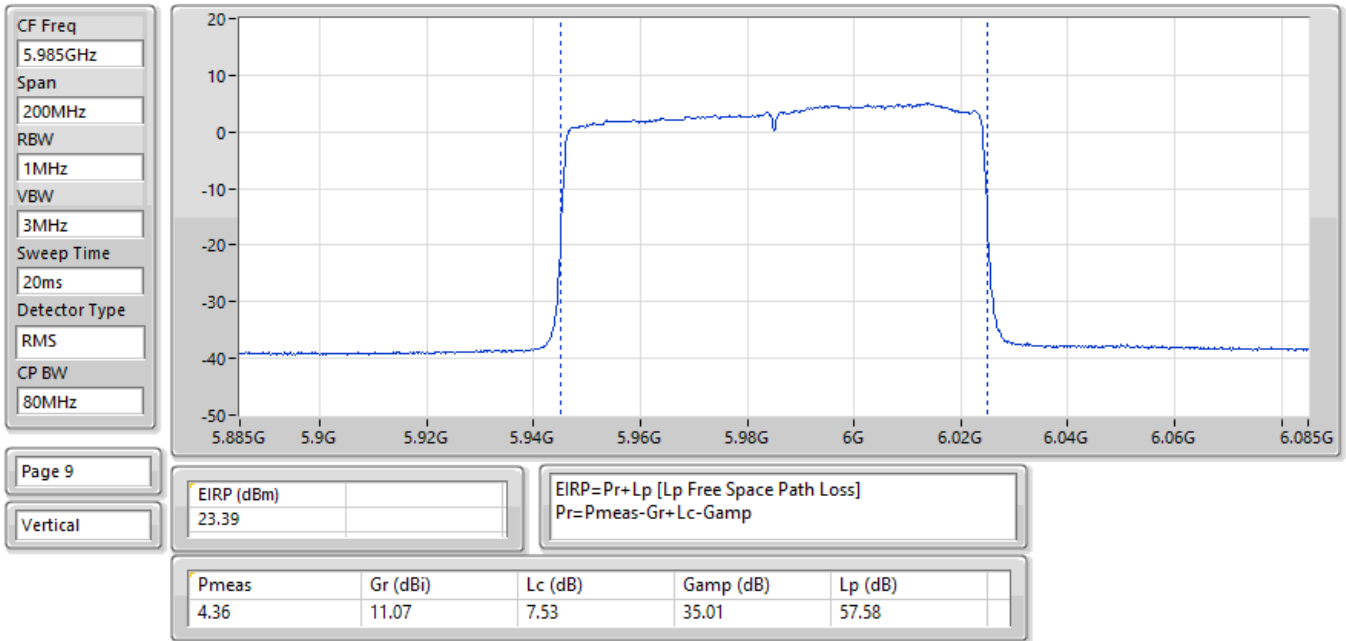
08/01/2026

EIRP:Band:6.2G;bn40,BF;BWch:40MHz;Nss:2,(M0);Nant:4;Ch:6405MHz;TX



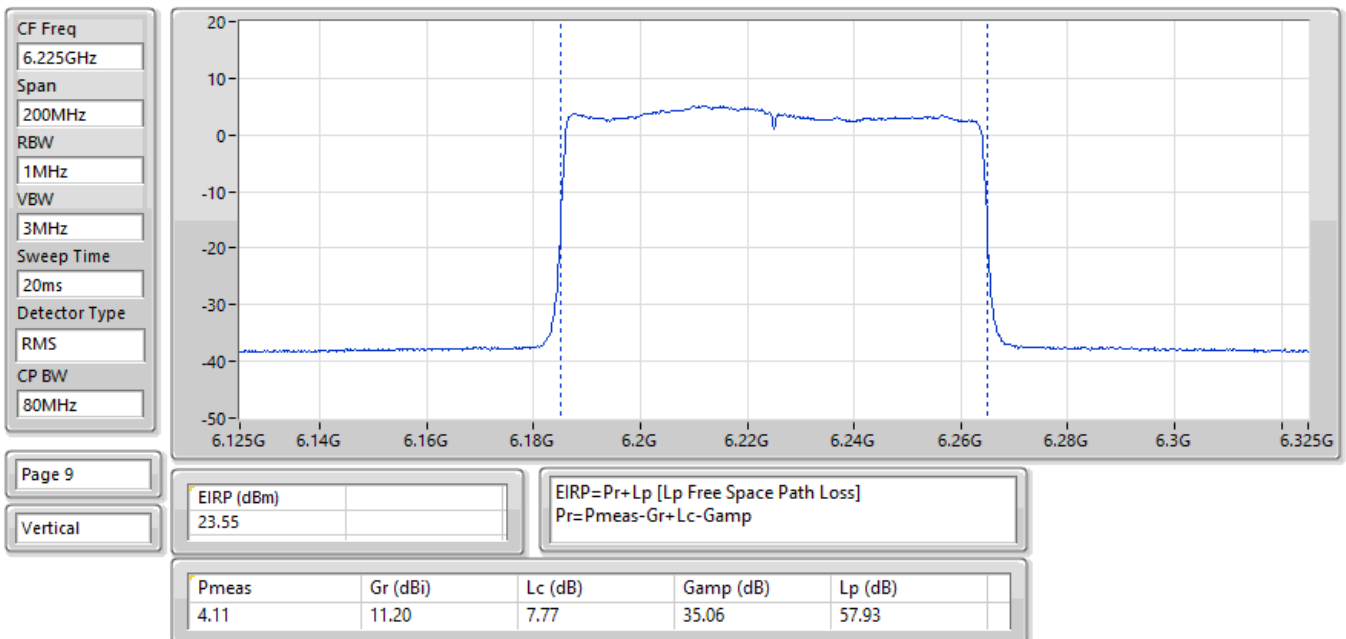
08/01/2026

EIRP:Band:6.2G;bn80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:5985MHz;TX



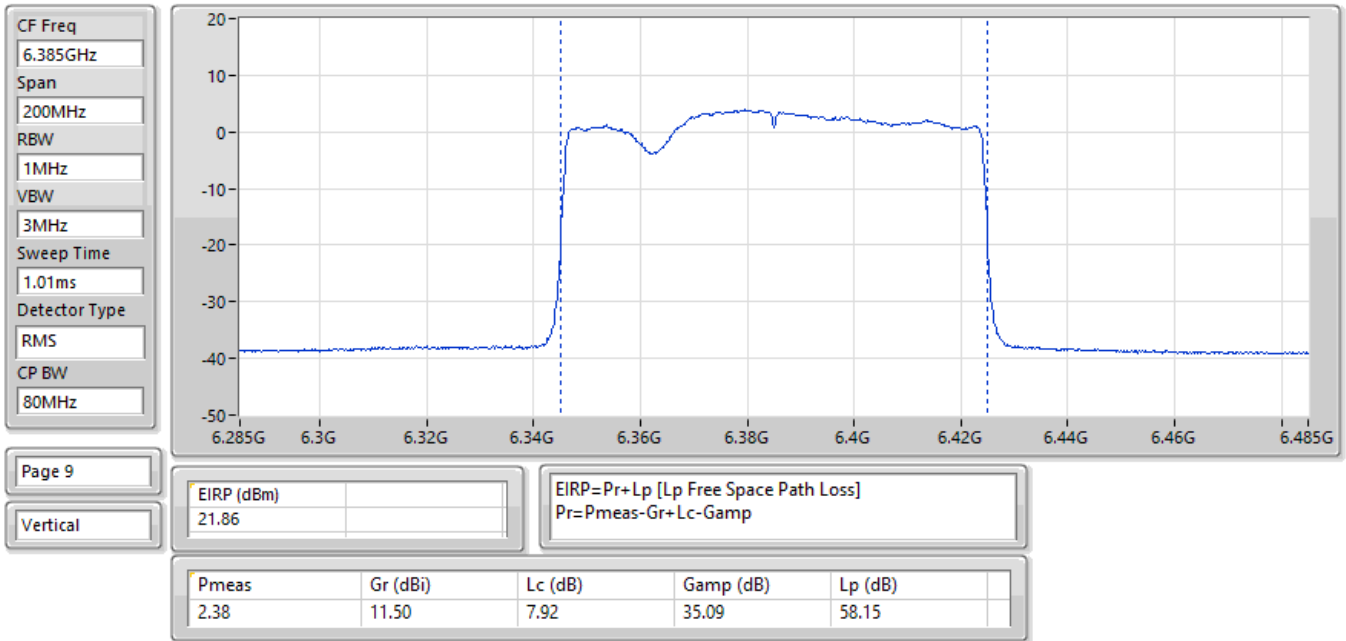
08/01/2026

EIRP:Band:6.2G;bn80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:6225MHz;TX



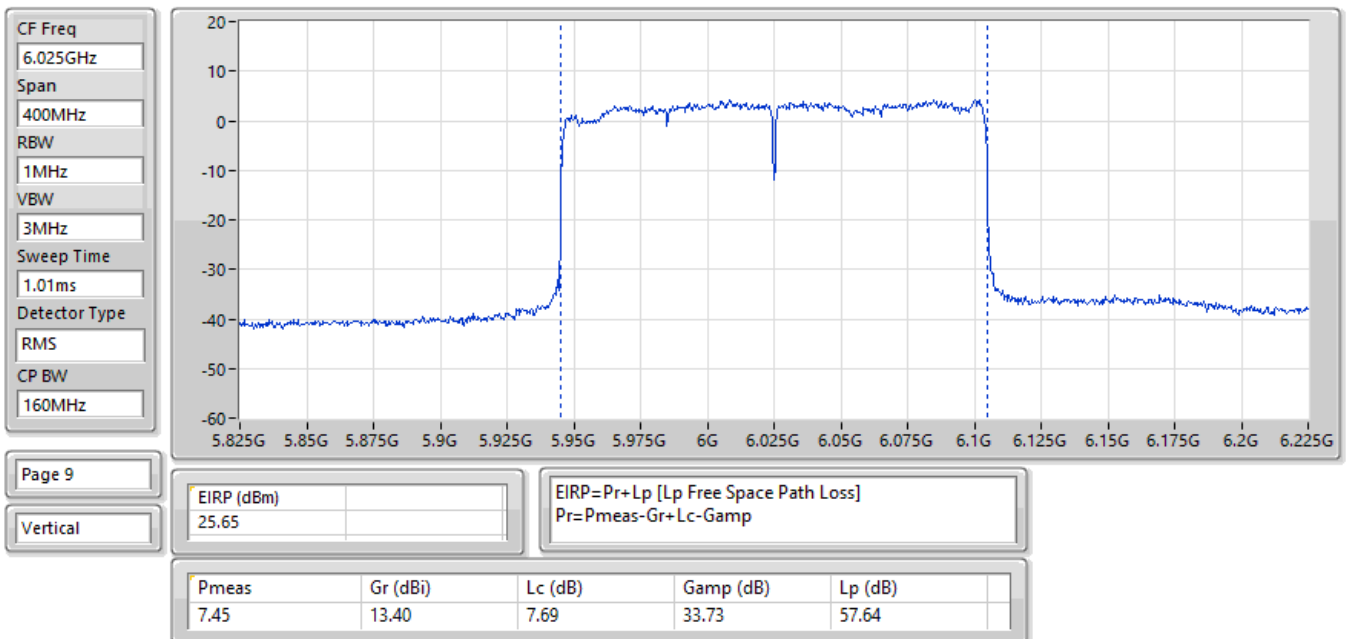
09/02/2026

EIRP;Band:6.2G;bn80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:6385MHz;TX



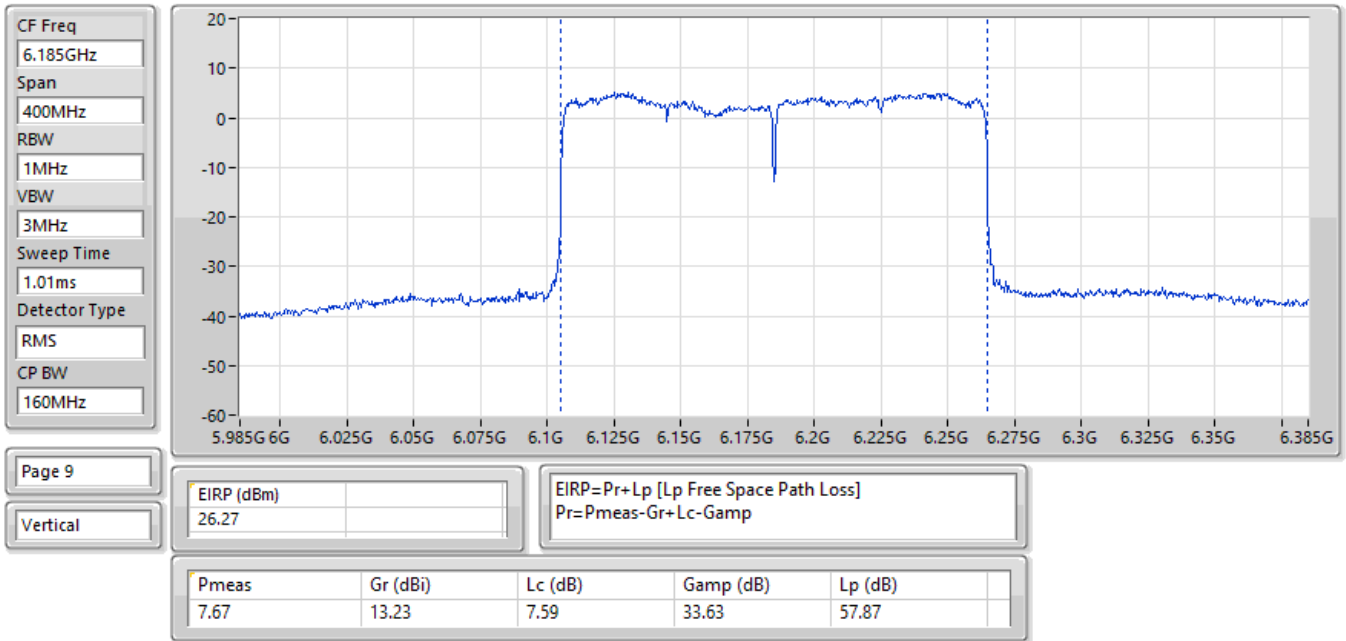
31/12/2025

EIRP;Band:6.2G;bn160,BF;BWch:160MHz;Nss:2,(M0);Nant:4;Ch:6025MHz;TX



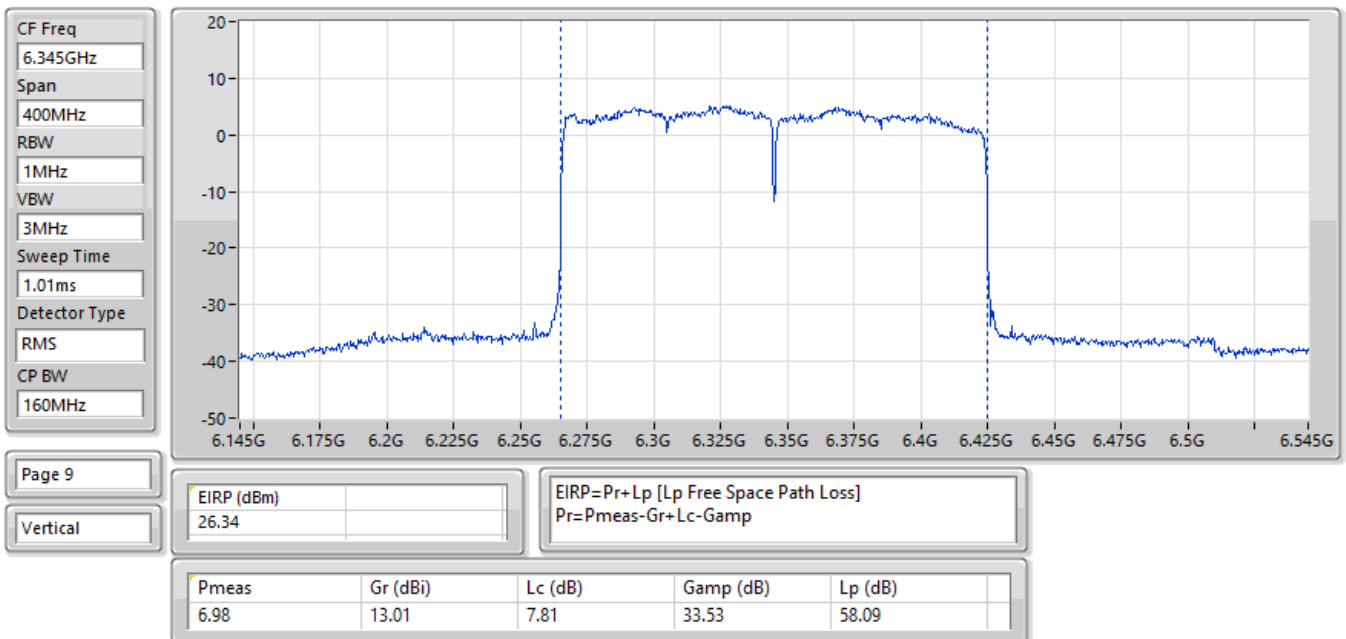
31/12/2025

EIRP;Band:6.2G;bn160,BF;BWch:160MHz;Nss:2,(M0);Nant:4;Ch:6185MHz;TX



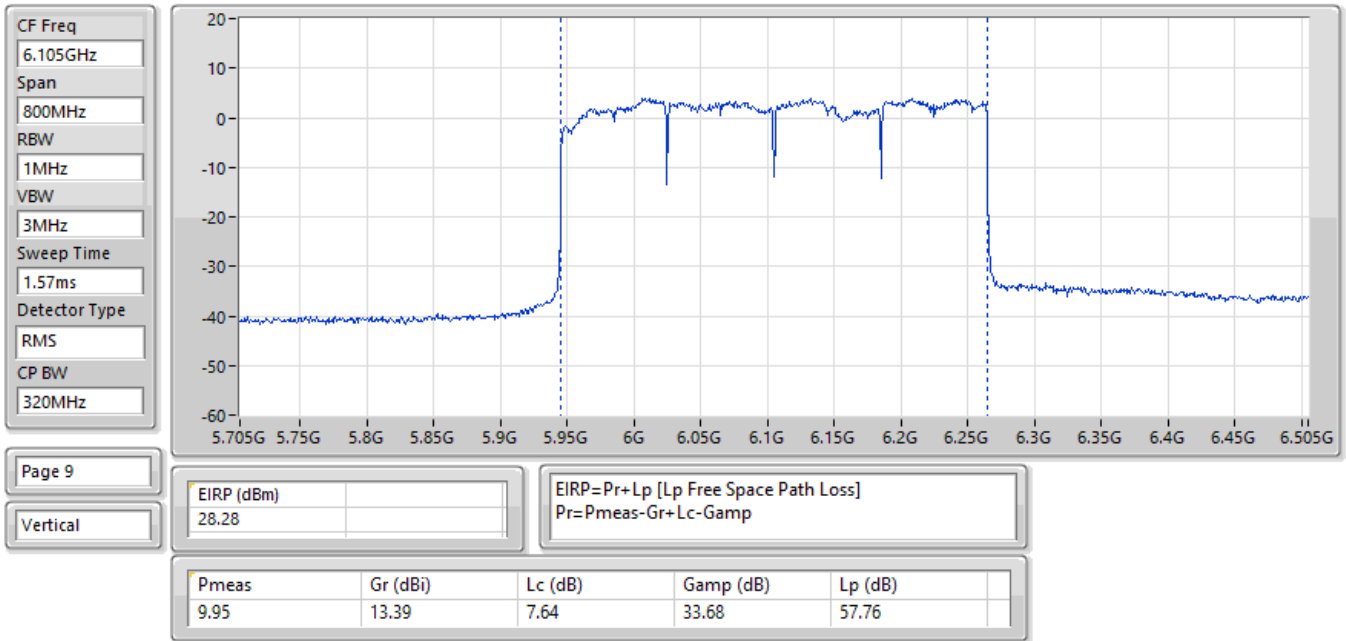
31/12/2025

EIRP;Band:6.2G;bn160,BF;BWch:160MHz;Nss:2,(M0);Nant:4;Ch:6345MHz;TX



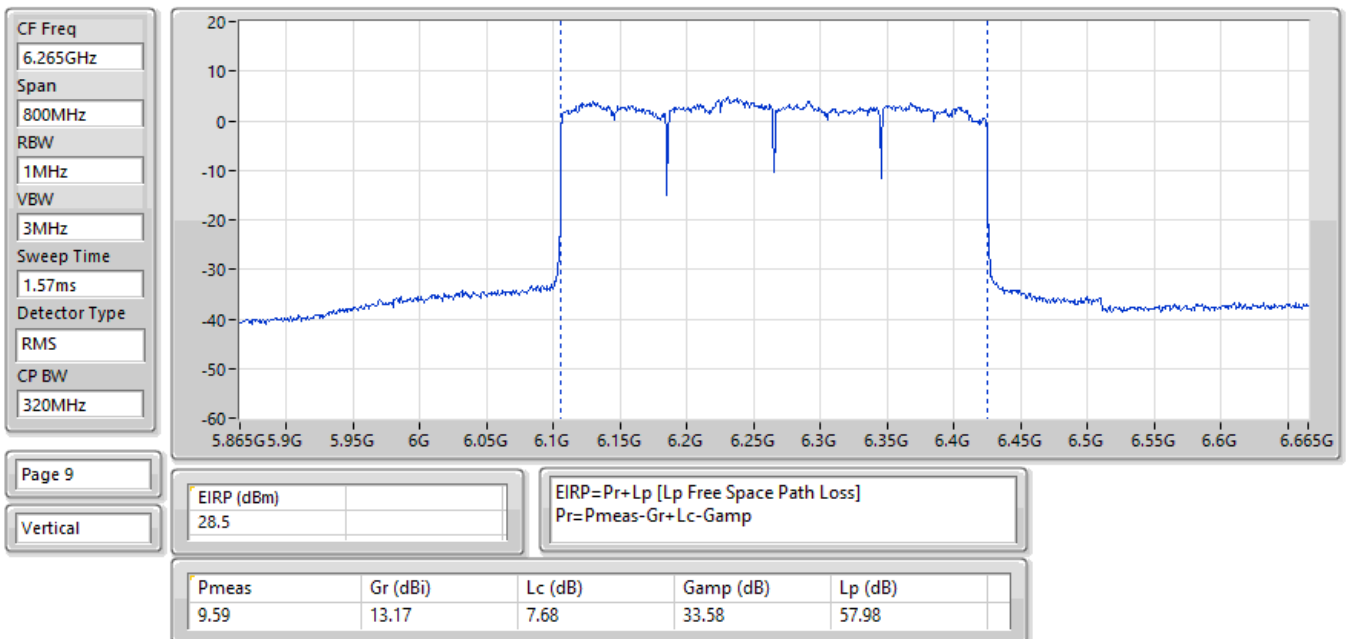
31/12/2025

EIRP;Band:6.2G;bn320,BF;BWch:320MHz;Nss:2,(M0);Nant:4;Ch:6105MHz;TX



31/12/2025

EIRP;Band:6.2G;bn320,BF;BWch:320MHz;Nss:2,(M0);Nant:4;Ch:6265MHz;TX



Summary

Mode	EIRP (dBm)	EIRP (W)
6.525-6.875GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.91	0.02460
6.875-7.125GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.45	0.02213

**Result**

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-
6595MHz	Pass	13.55	30.00
6695MHz	Pass	13.91	30.00
6875MHz	Pass	13.11	30.00
6895MHz	Pass	13.24	30.00
6995MHz	Pass	13.45	30.00
7095MHz	Pass	13.12	30.00

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

16/01/2026

EIRP;Band:6.7G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6595MHz;TX

CF Freq
6.595GHz

Span
50MHz

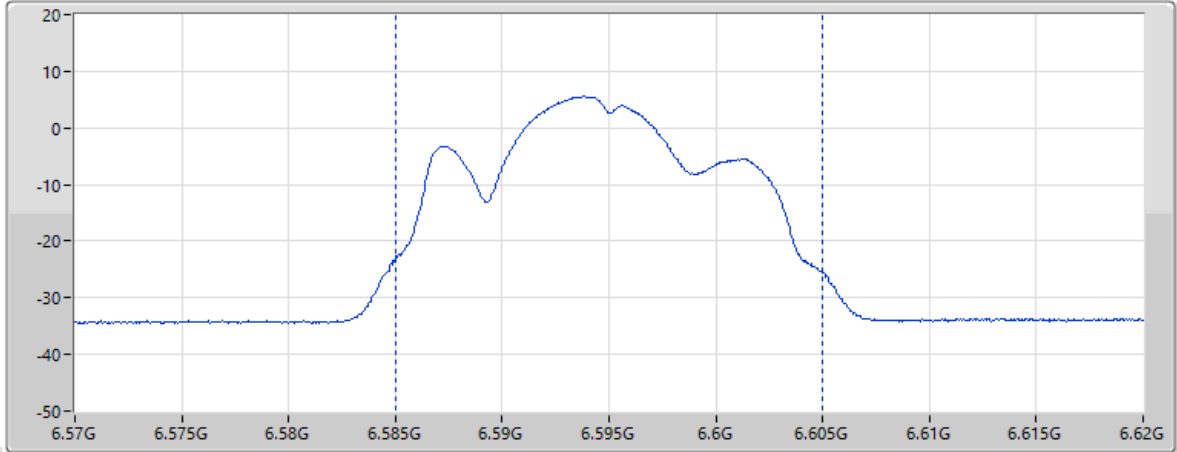
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
20MHz



Page 9

Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
13.55		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.15	11.91	8.62	30.44	58.43

16/01/2026

EIRP;Band:6.7G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6695MHz;TX

CF Freq
6.695GHz

Span
50MHz

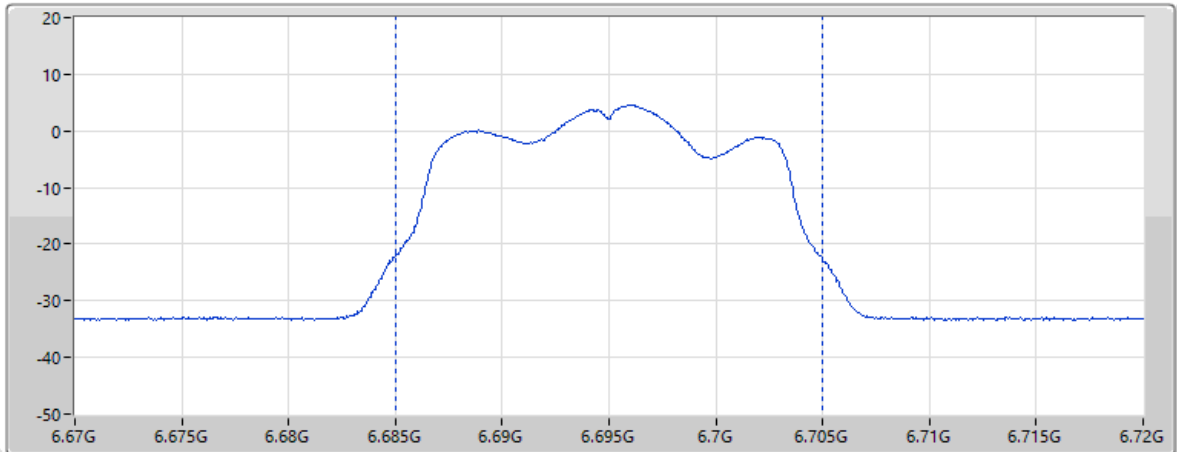
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
20MHz



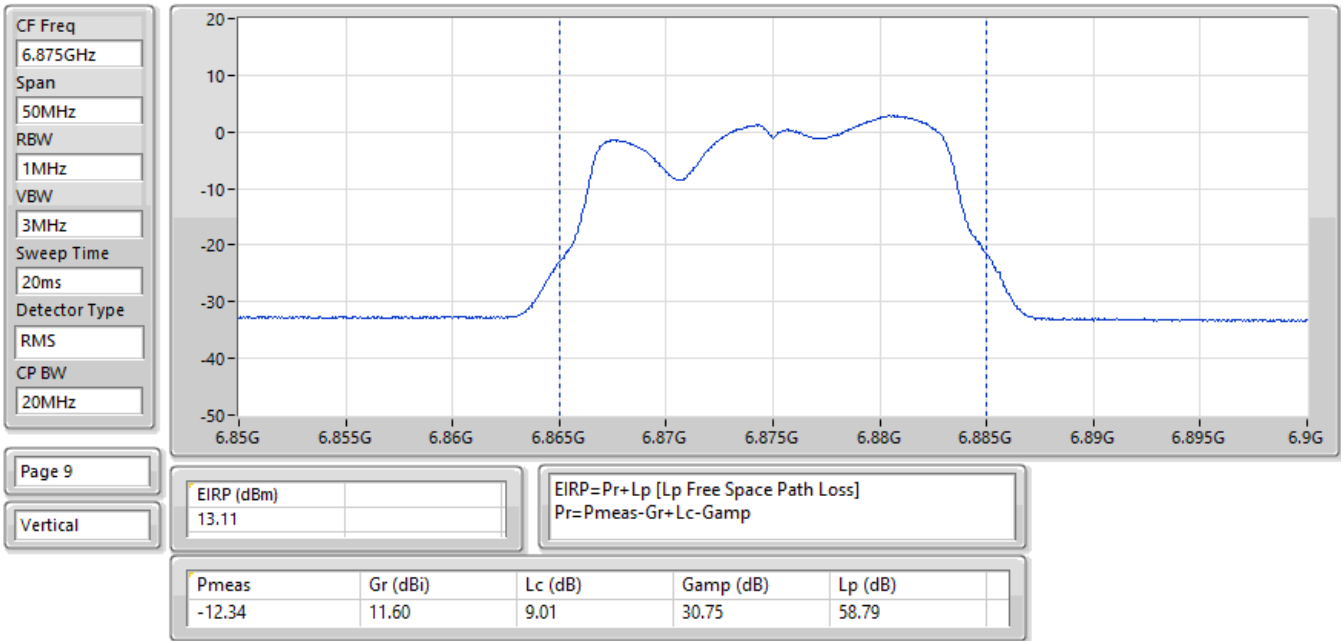
Page 9

Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
13.91		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.33	11.61	8.84	30.55	58.56

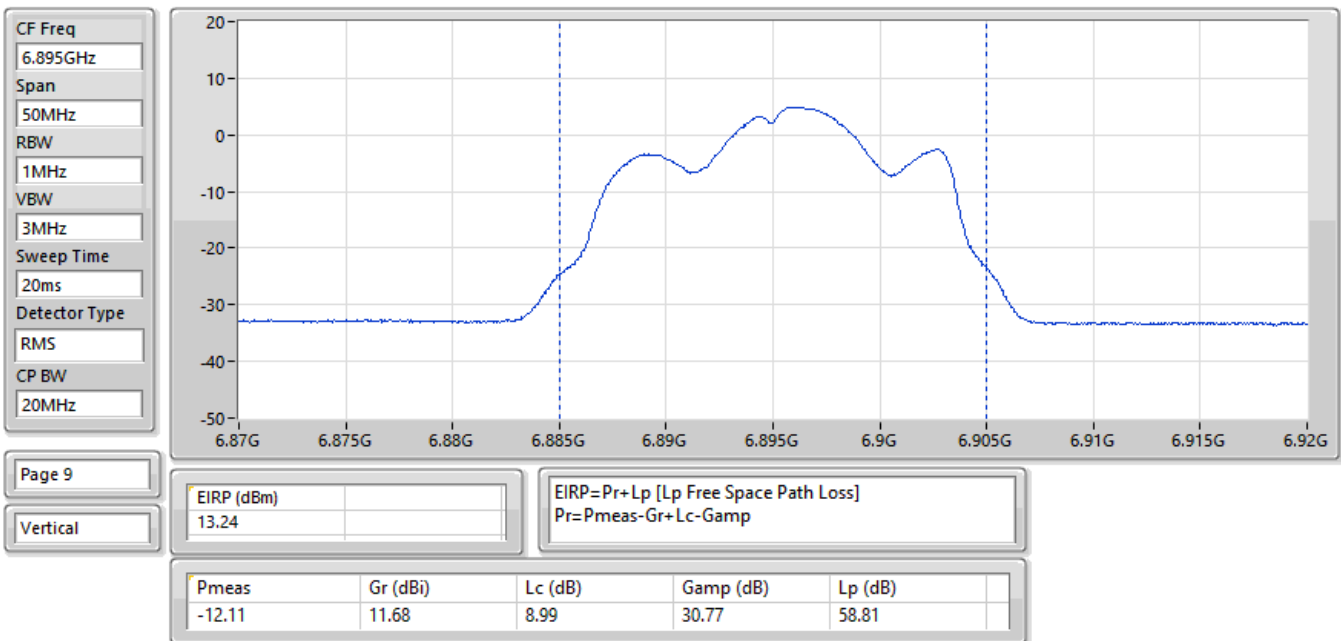
16/01/2026

EIRP:Band:6.7G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6875MHz;TX



16/01/2026

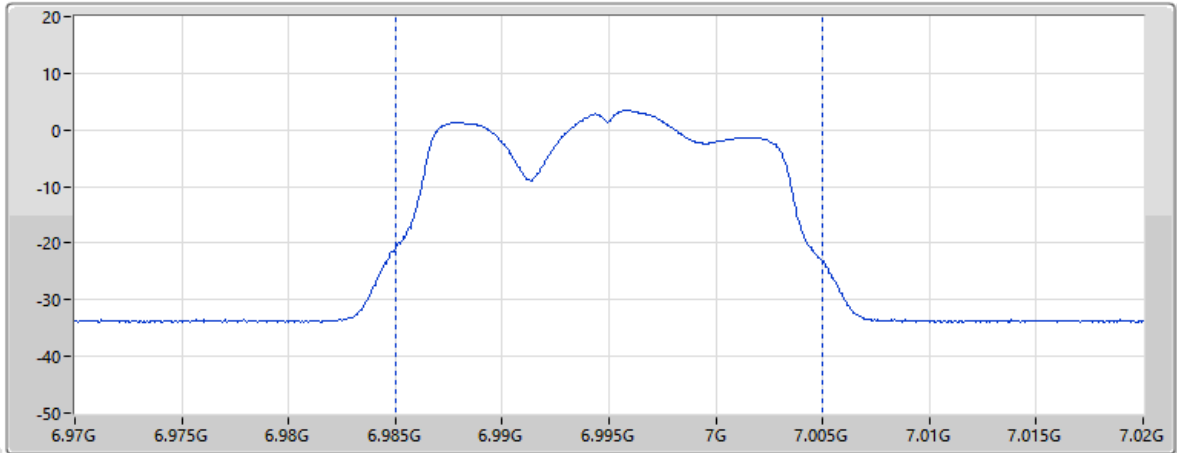
EIRP:Band:7.0G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6895MHz;TX



16/01/2026

EIRP;Band:7.0G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6995MHz;TX

CF Freq
6.995GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



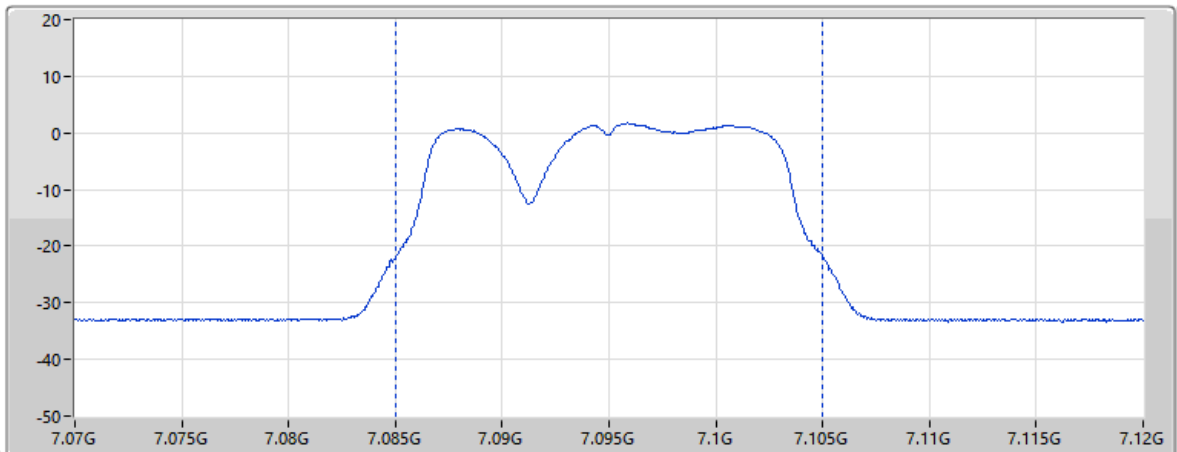
Page 9
Vertical

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
13.45				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.71	11.80	8.90	30.88	58.94

16/01/2026

EIRP;Band:7.0G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:7095MHz;TX

CF Freq
7.095GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



Page 9
Vertical

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
13.12				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-12.29	11.71	8.95	30.89	59.06

Summary

Mode	EIRP (dBm)	EIRP (W)
6.525-6.875GHz	-	-
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	15.20	0.03311
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	17.99	0.06295
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	19.88	0.09727
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	21.41	0.13836
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	21.50	0.14125
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	22.20	0.16596
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	24.16	0.26062
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	25.42	0.34834
802.11bn UHR320-BF_Nss1,(MCS0)_4TX	27.91	0.61802
802.11bn UHR320-BF_Nss2,(MCS0)_4TX	27.88	0.61376
6.875-7.125GHz	-	-
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	17.82	0.06053
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	17.32	0.05395
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	19.61	0.09141
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	19.07	0.08072
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	21.20	0.13183
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	20.73	0.11830
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	24.42	0.27669
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	23.94	0.24774

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	-	-	-
6595MHz	Pass	14.36	30.00
6695MHz	Pass	14.26	30.00
6875MHz	Pass	15.20	30.00
6895MHz	Pass	16.08	30.00
6995MHz	Pass	17.82	30.00
7095MHz	Pass	16.70	30.00
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	-	-	-
6605MHz	Pass	18.88	30.00
6685MHz	Pass	19.88	30.00
6885MHz	Pass	17.65	30.00
6925MHz	Pass	19.61	30.00
7005MHz	Pass	19.26	30.00
7085MHz	Pass	17.84	30.00
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	-	-	-
6625MHz	Pass	20.47	30.00
6705MHz	Pass	21.50	30.00
6785MHz	Pass	19.41	30.00
6865MHz	Pass	20.46	30.00
6945MHz	Pass	21.20	30.00
7025MHz	Pass	19.95	30.00
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	-	-	-
6665MHz	Pass	22.82	30.00
6825MHz	Pass	24.16	30.00
6985MHz	Pass	24.42	30.00
802.11bn UHR320-BF_Nss1,(MCS0)_4TX	-	-	-
6745MHz	Pass	25.25	30.00
6905MHz	Pass	27.91	30.00
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	-	-	-
6595MHz	Pass	16.79	30.00
6695MHz	Pass	17.99	30.00
6875MHz	Pass	15.98	30.00
6895MHz	Pass	17.32	30.00
6995MHz	Pass	17.17	30.00
7095MHz	Pass	16.79	30.00
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	-	-	-
6605MHz	Pass	19.33	30.00
6685MHz	Pass	21.41	30.00
6885MHz	Pass	20.02	30.00
6925MHz	Pass	18.07	30.00
7005MHz	Pass	18.17	30.00
7085MHz	Pass	19.07	30.00
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	-	-	-
6625MHz	Pass	22.20	30.00
6705MHz	Pass	21.46	30.00
6785MHz	Pass	21.07	30.00
6865MHz	Pass	21.59	30.00
6945MHz	Pass	20.59	30.00
7025MHz	Pass	20.73	30.00
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	-	-	-
6665MHz	Pass	25.42	30.00
6825MHz	Pass	25.00	30.00
6985MHz	Pass	23.94	30.00
802.11bn UHR320-BF_Nss2,(MCS0)_4TX	-	-	-
6745MHz	Pass	27.88	30.00



Radiated EIRP_ Mode 4

Appendix C.4

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
6905MHz	Pass	27.75	30.00

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

10/01/2026

EIRP;Band:6.7G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6595MHz;TX

CF Freq
6.595GHz

Span
50MHz

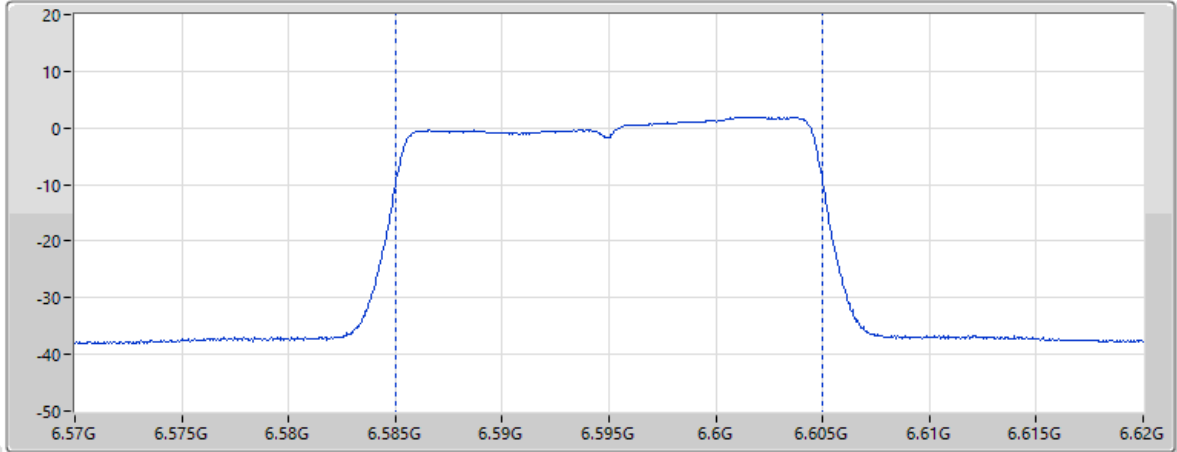
RBW
1MHz

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]		
14.36		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-5.50	11.52	8.07	35.12	58.43

10/01/2026

EIRP;Band:6.7G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6695MHz;TX

CF Freq
6.695GHz

Span
50MHz

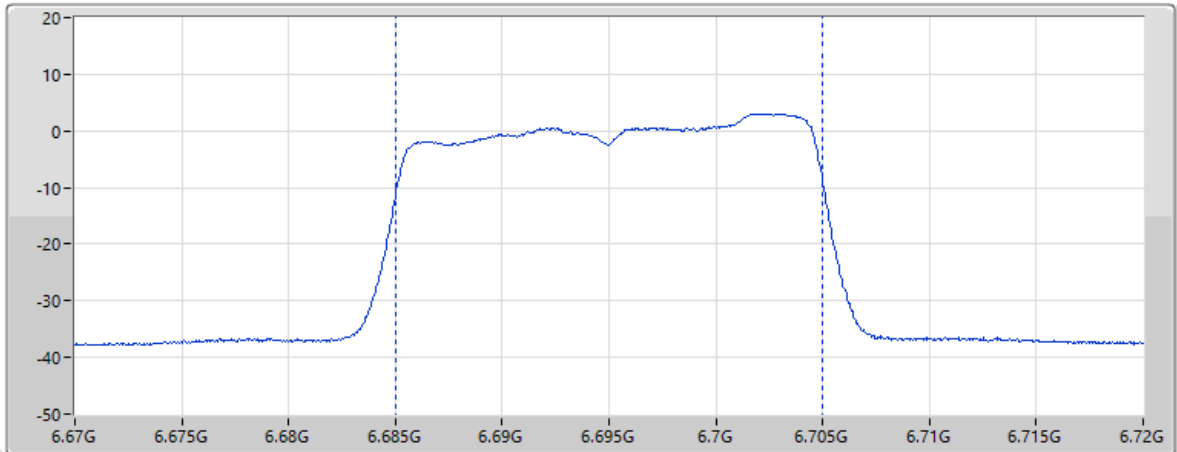
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
20MHz



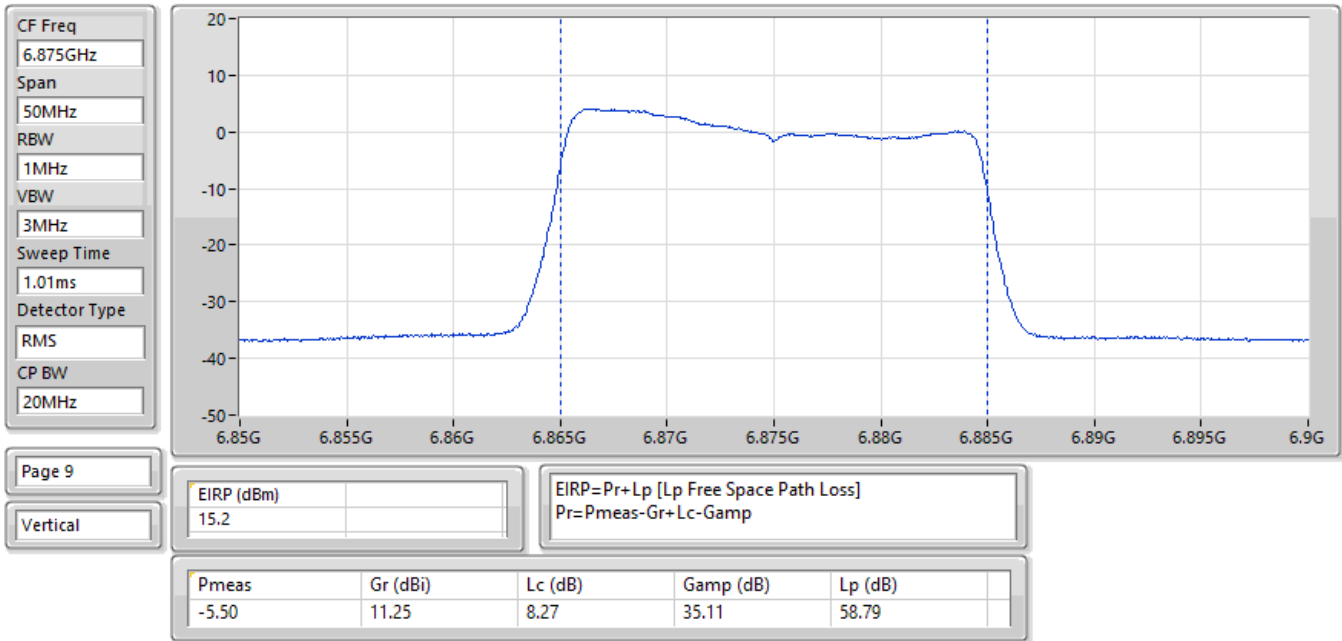
Page 9

Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
14.26		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-5.82	11.50	8.14	35.12	58.56

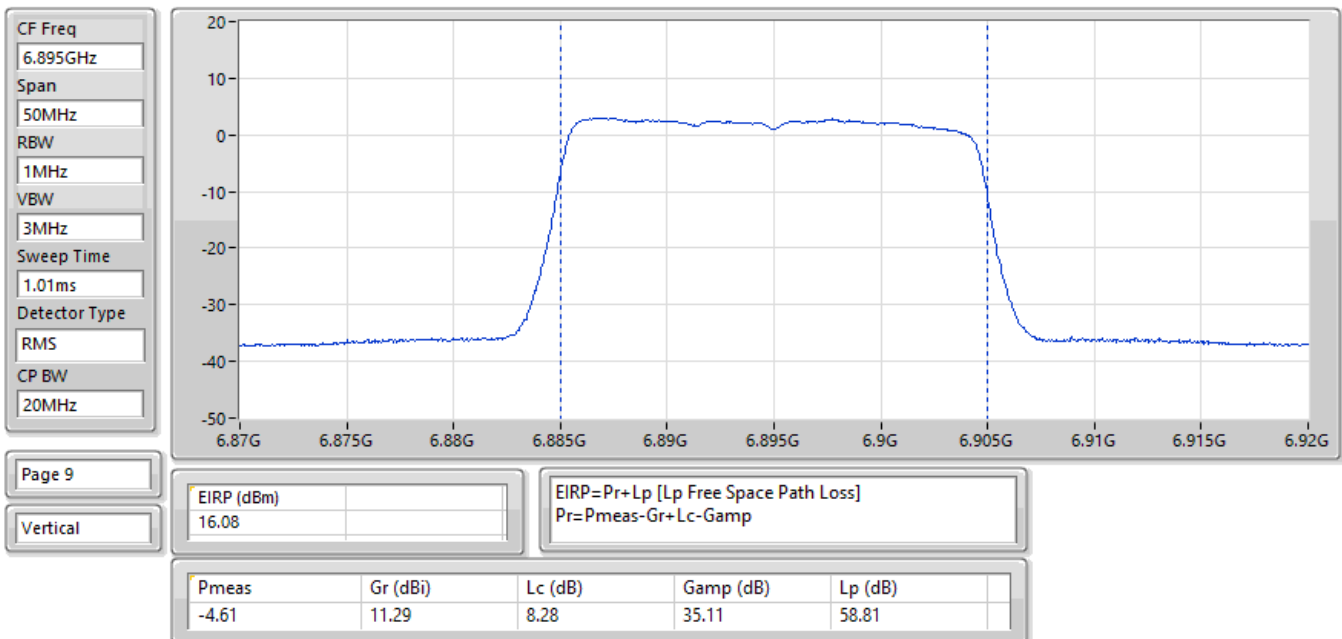
09/01/2026

EIRP:Band:6.7G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6875MHz;TX



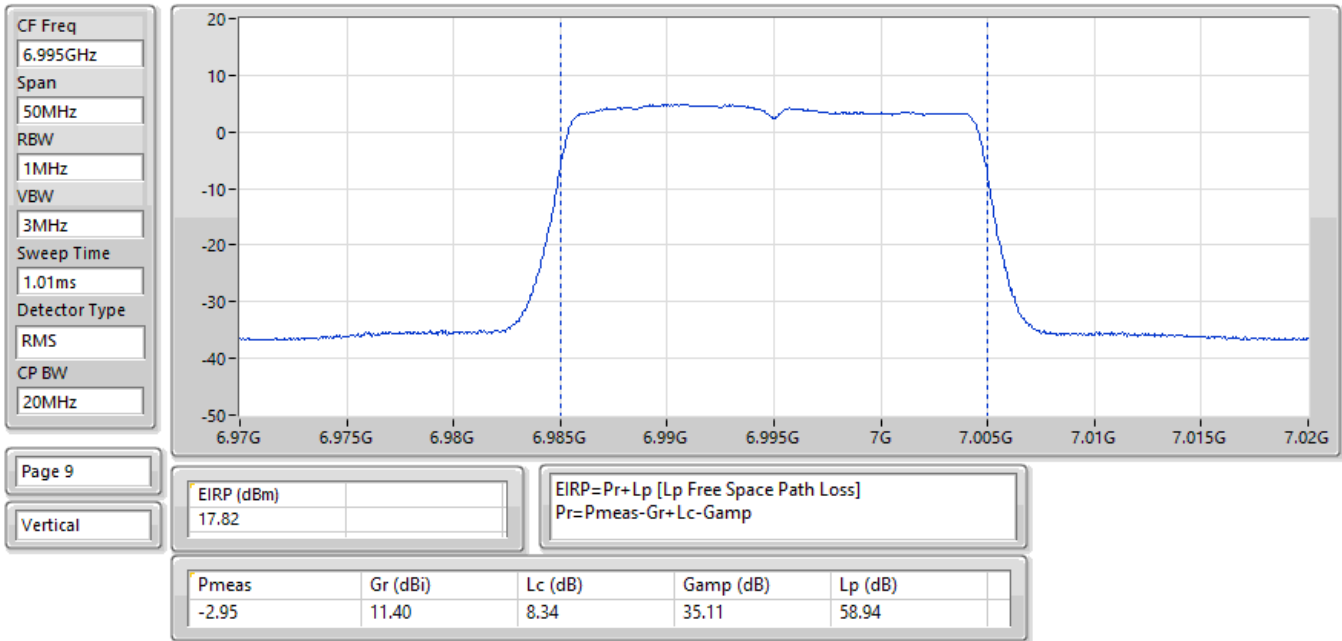
09/01/2026

EIRP:Band:7.0G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6895MHz;TX



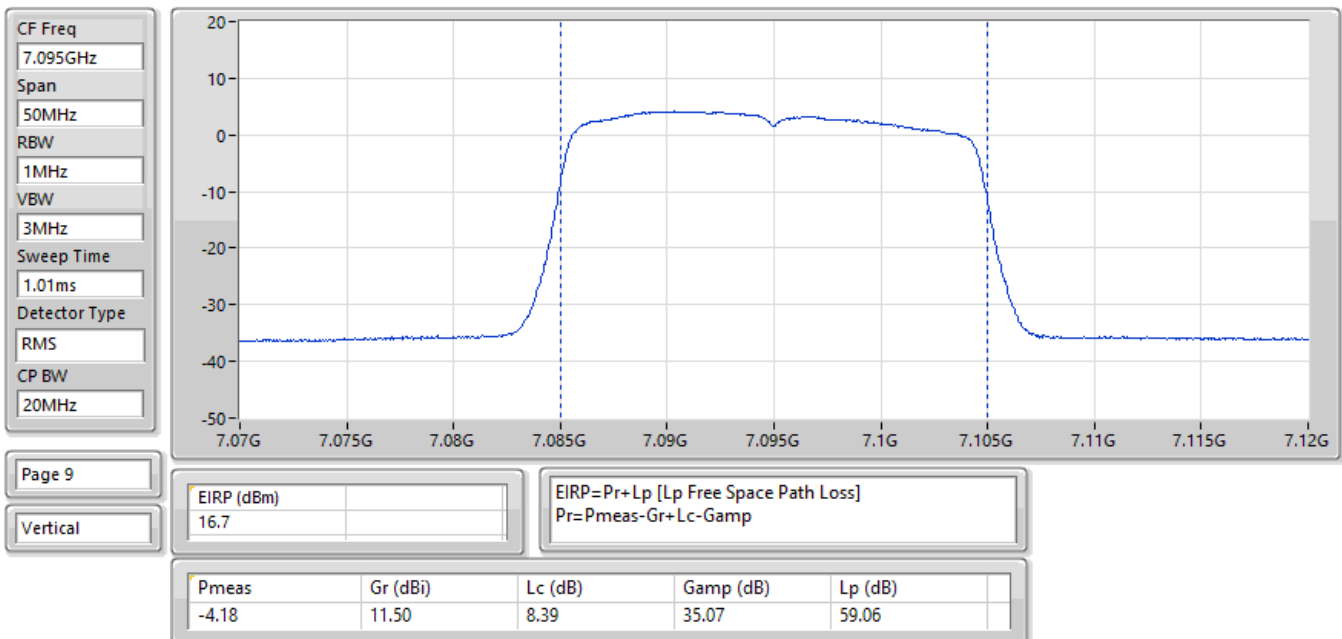
09/01/2026

EIRP:Band:7.0G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6995MHz;TX



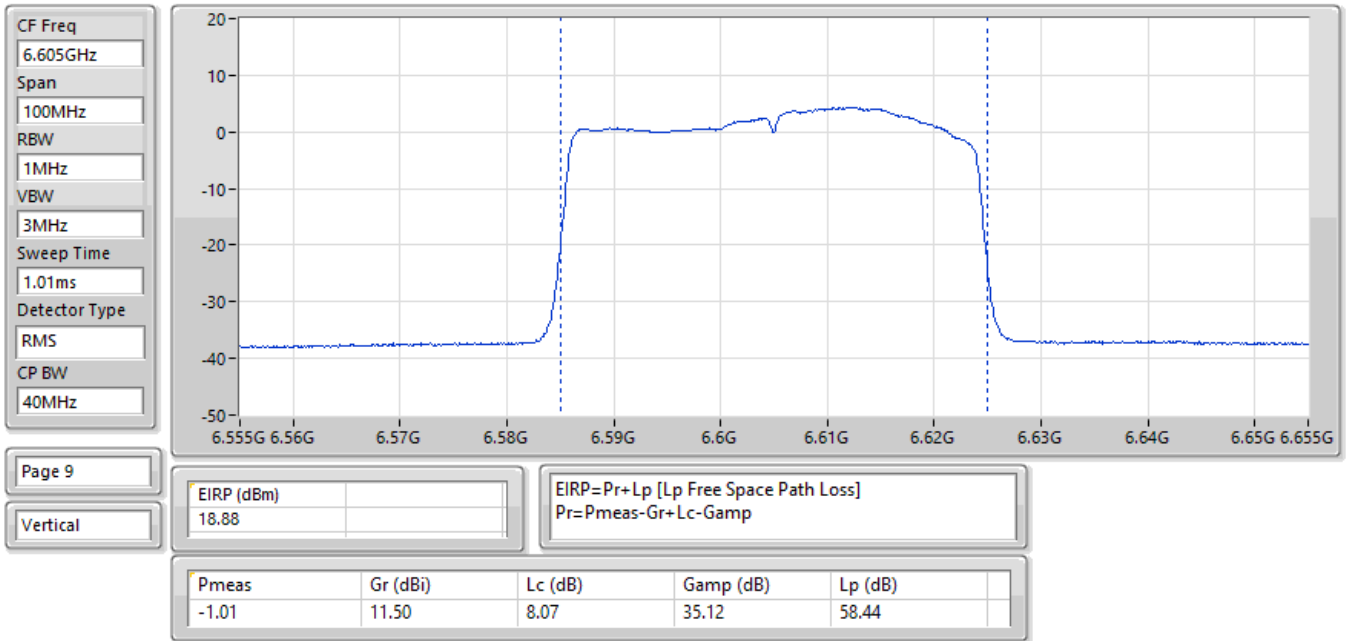
10/01/2026

EIRP:Band:7.0G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7095MHz;TX



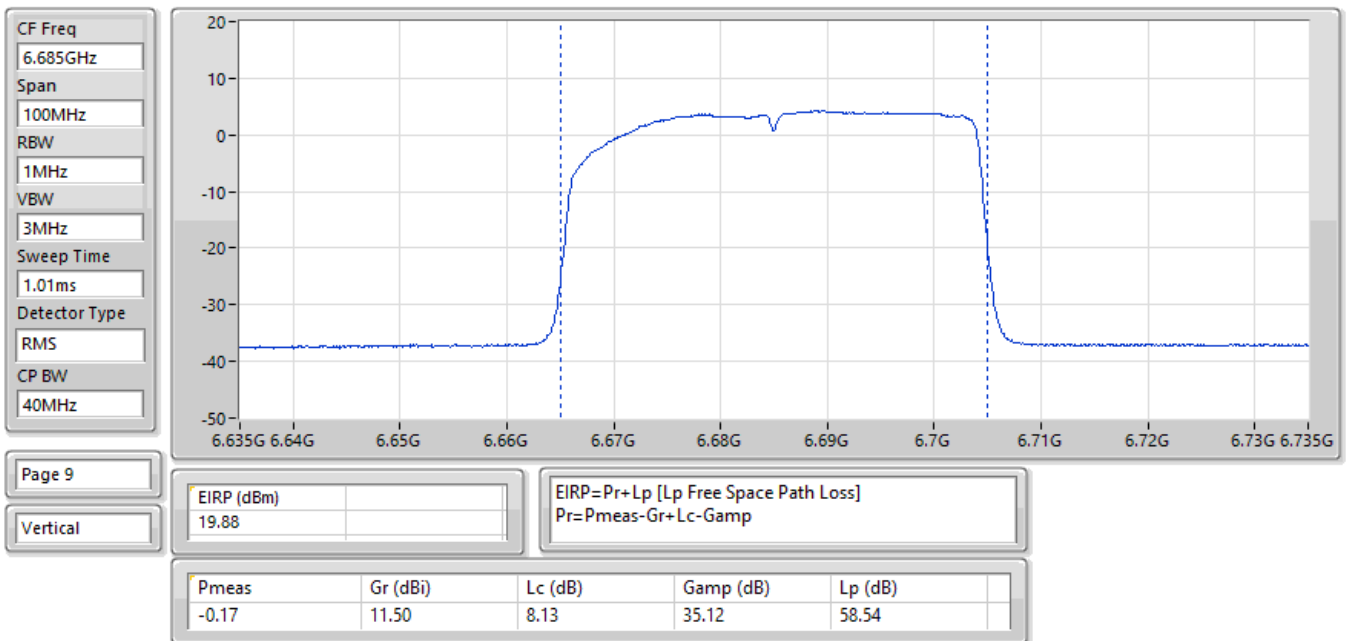
09/01/2026

EIRP:Band:6.7G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6605MHz;TX



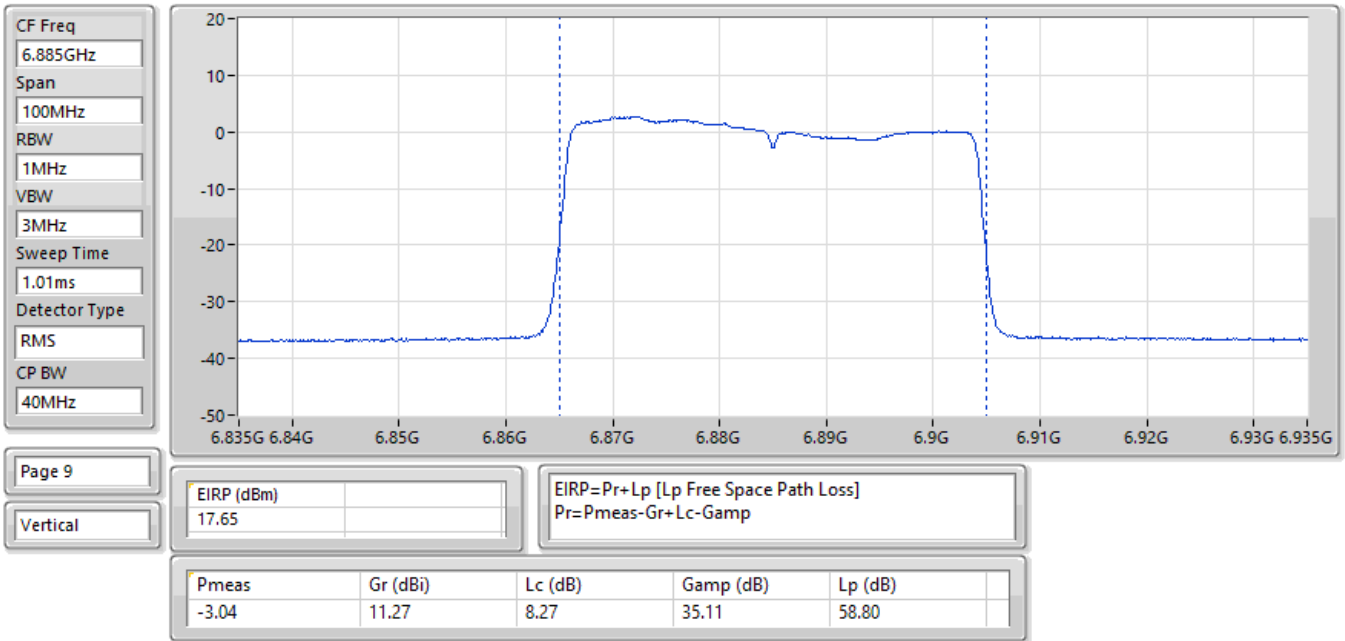
09/01/2026

EIRP:Band:6.7G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6685MHz;TX



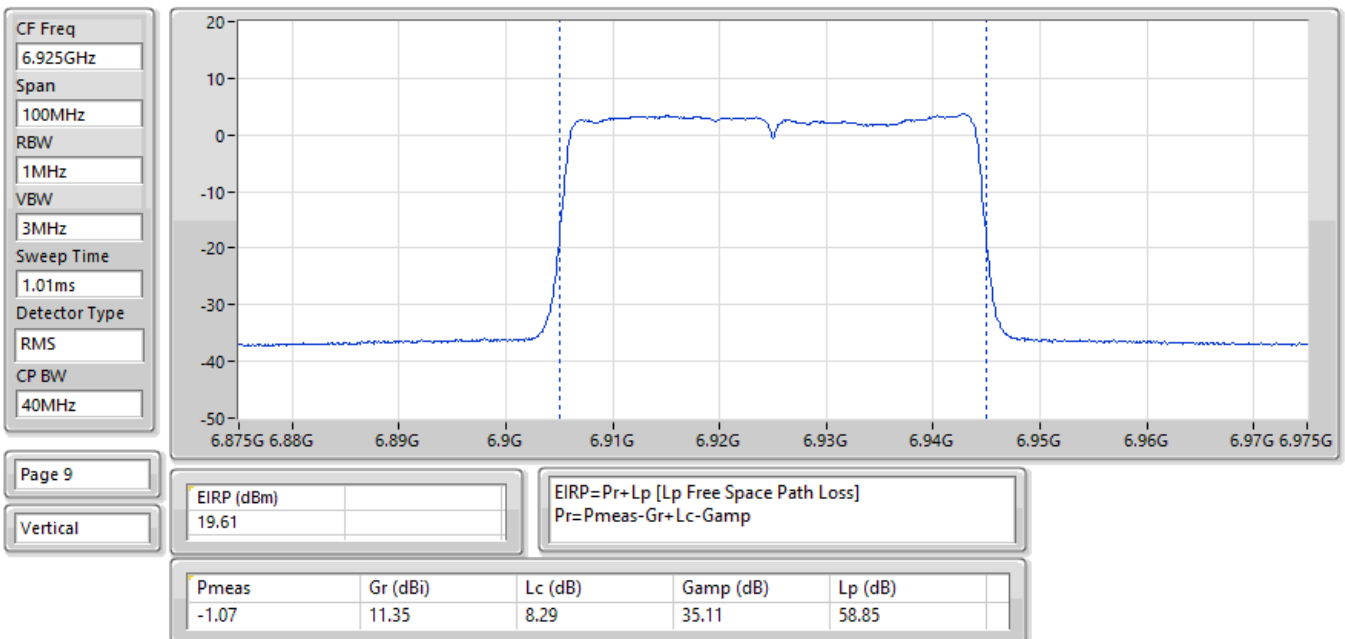
10/01/2026

EIRP:Band:6.7G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6885MHz;TX



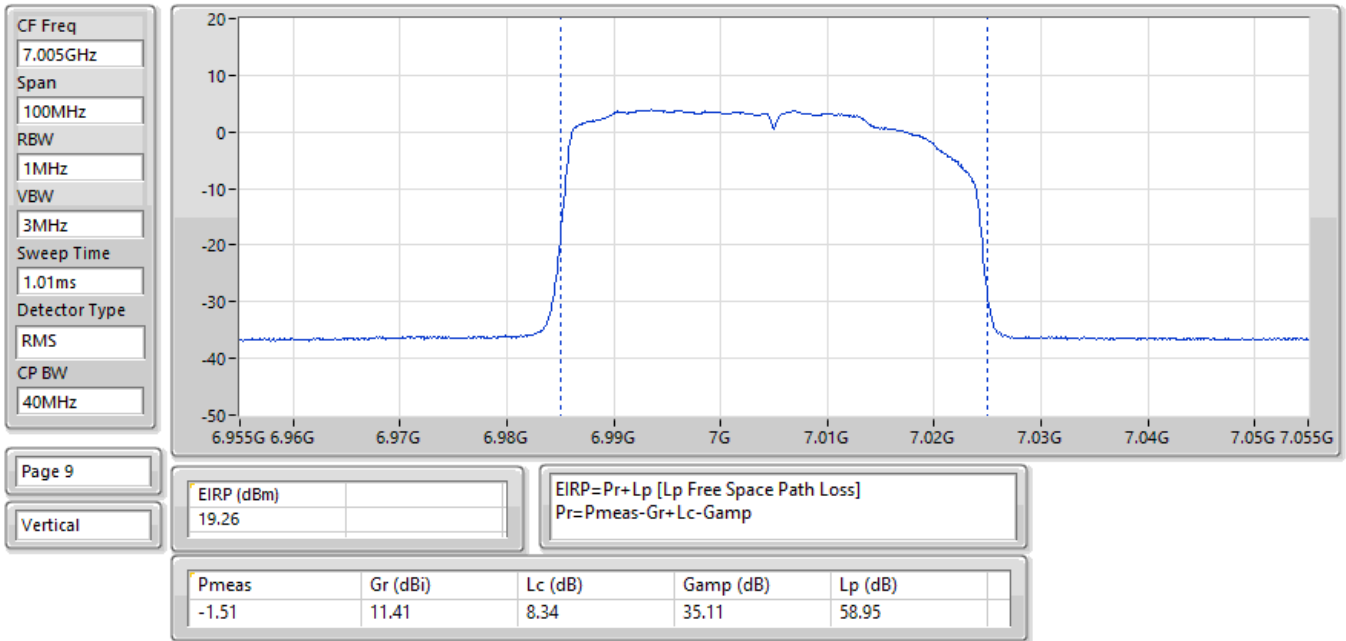
09/01/2026

EIRP:Band:7.0G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6925MHz;TX



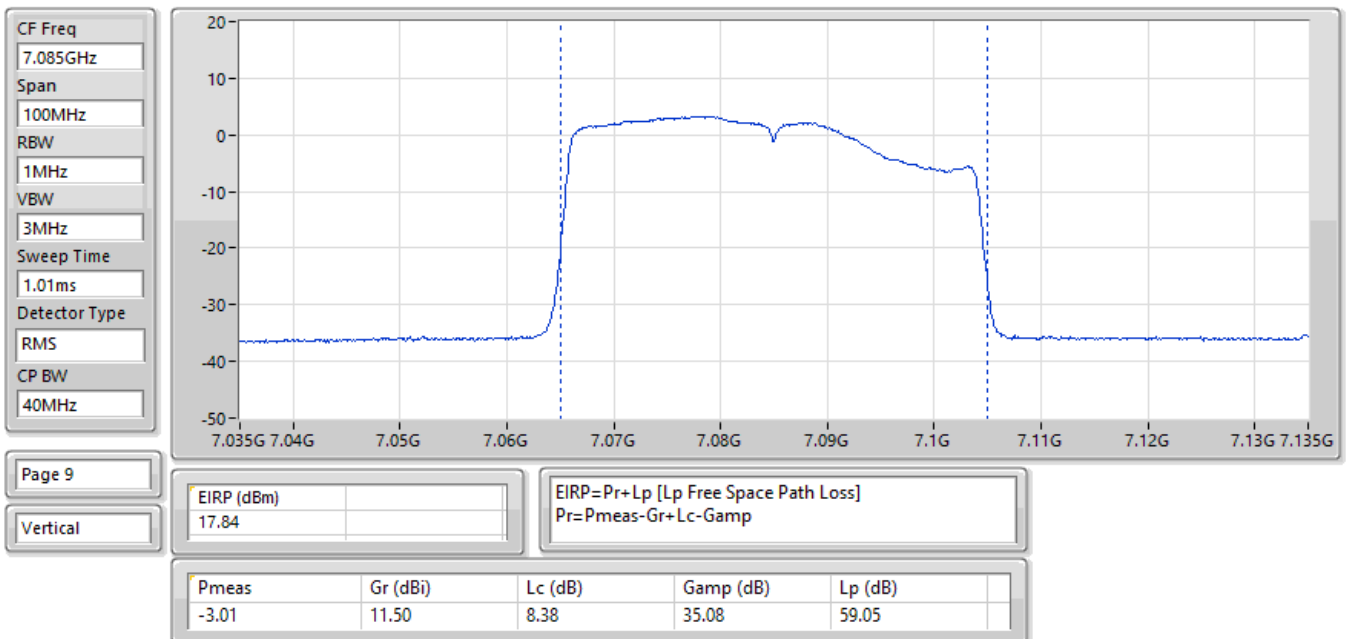
09/01/2026

EIRP:Band:7.0G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7005MHz;TX



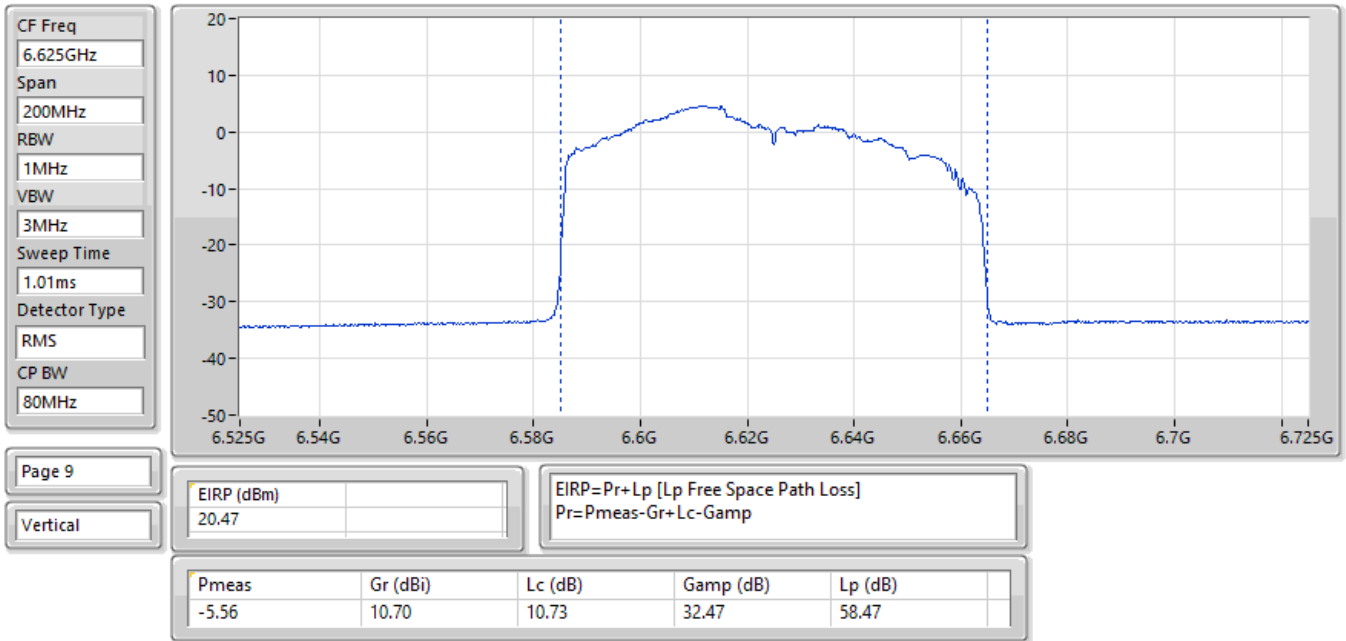
09/01/2026

EIRP:Band:7.0G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7085MHz;TX



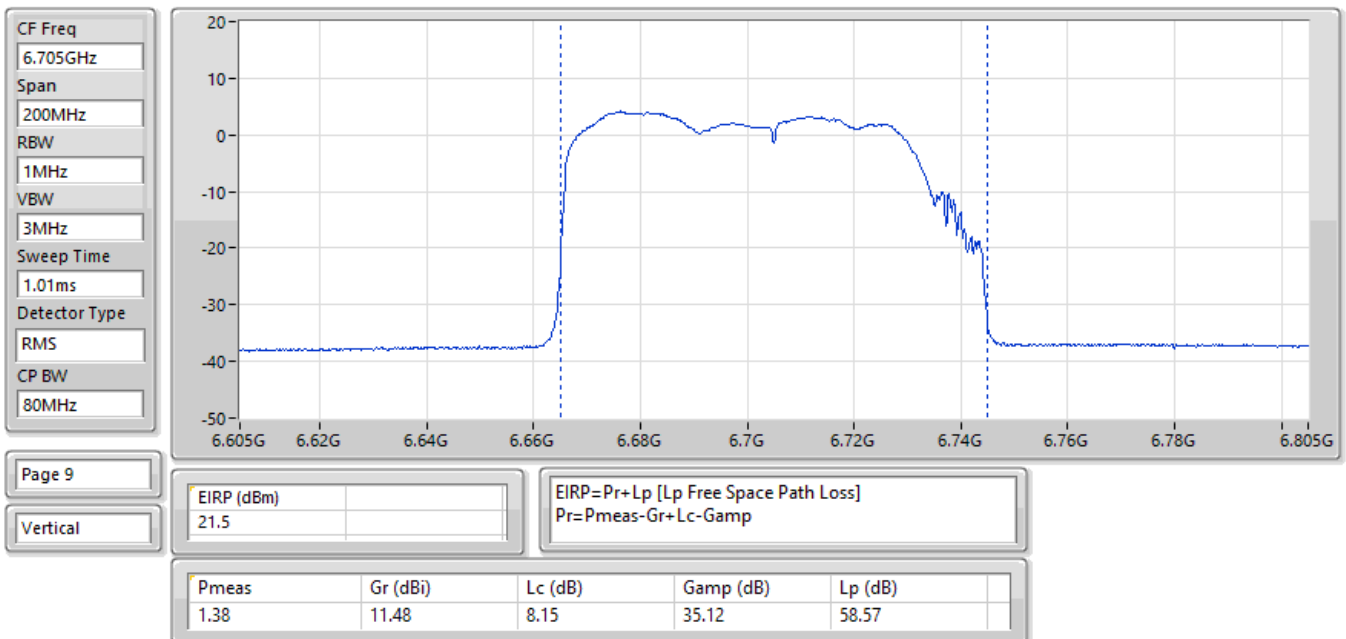
09/02/2026

EIRP:Band:6.7G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6625MHz;TX



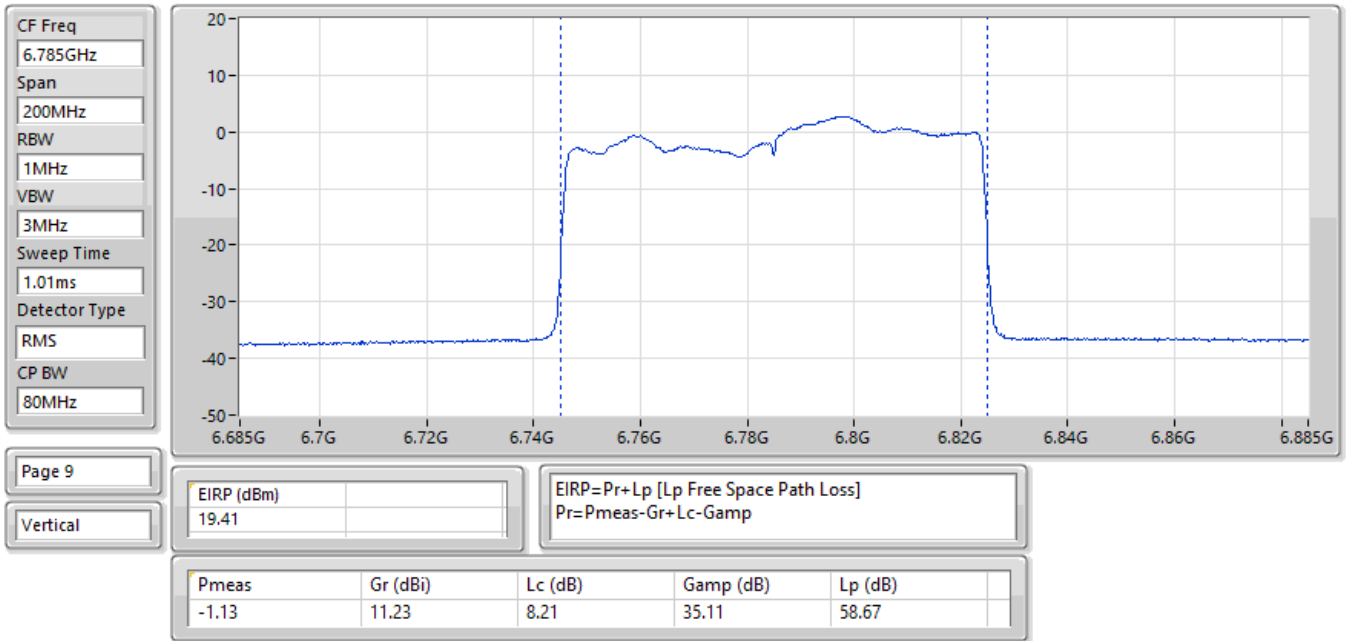
09/01/2026

EIRP:Band:6.7G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6705MHz;TX



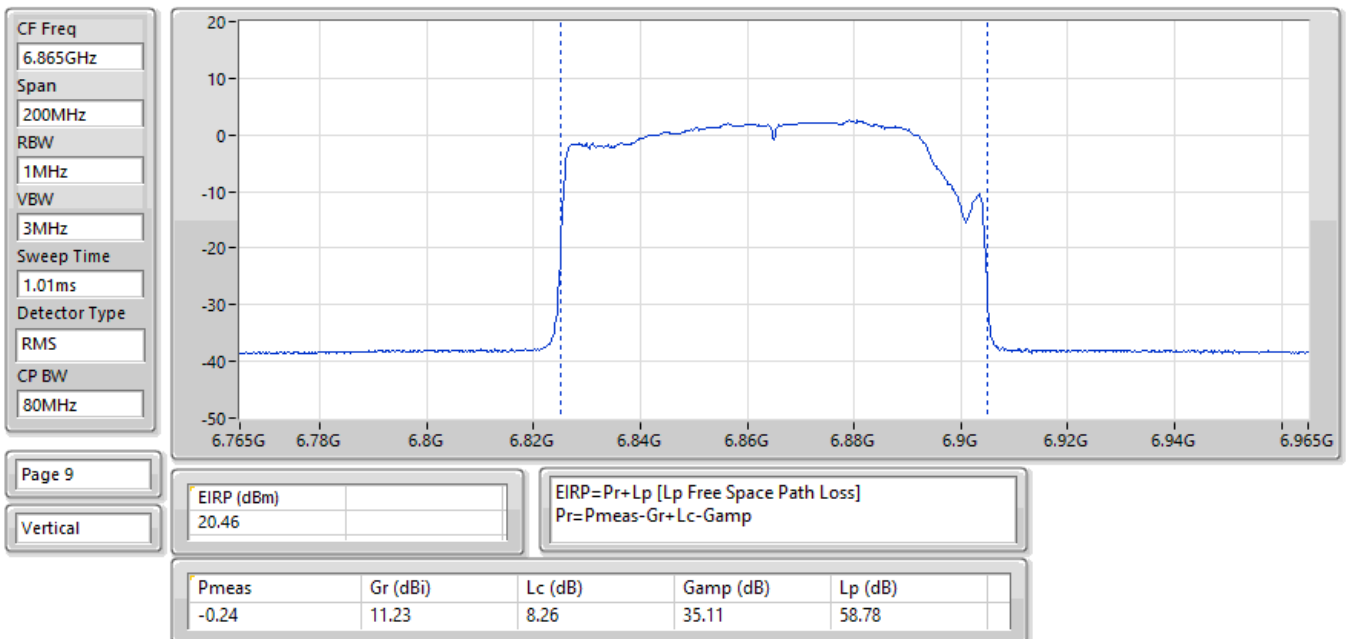
09/01/2026

EIRP:Band:6.7G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6785MHz;TX



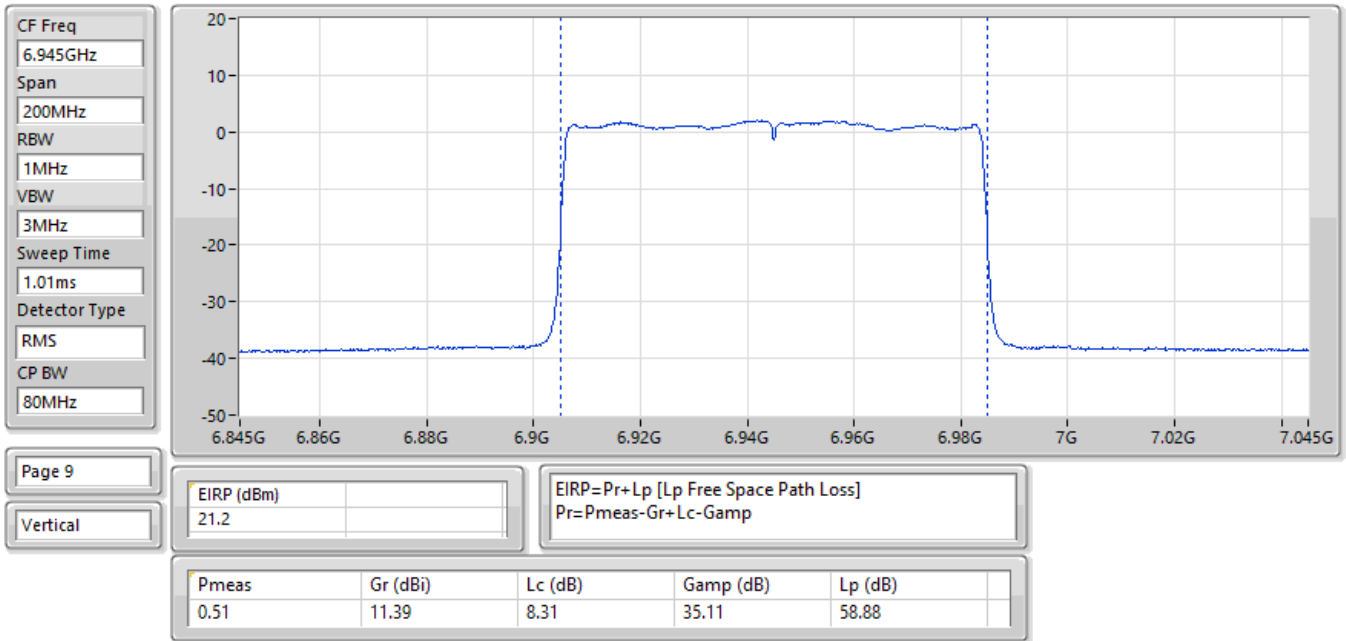
09/01/2026

EIRP:Band:6.7G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6865MHz;TX



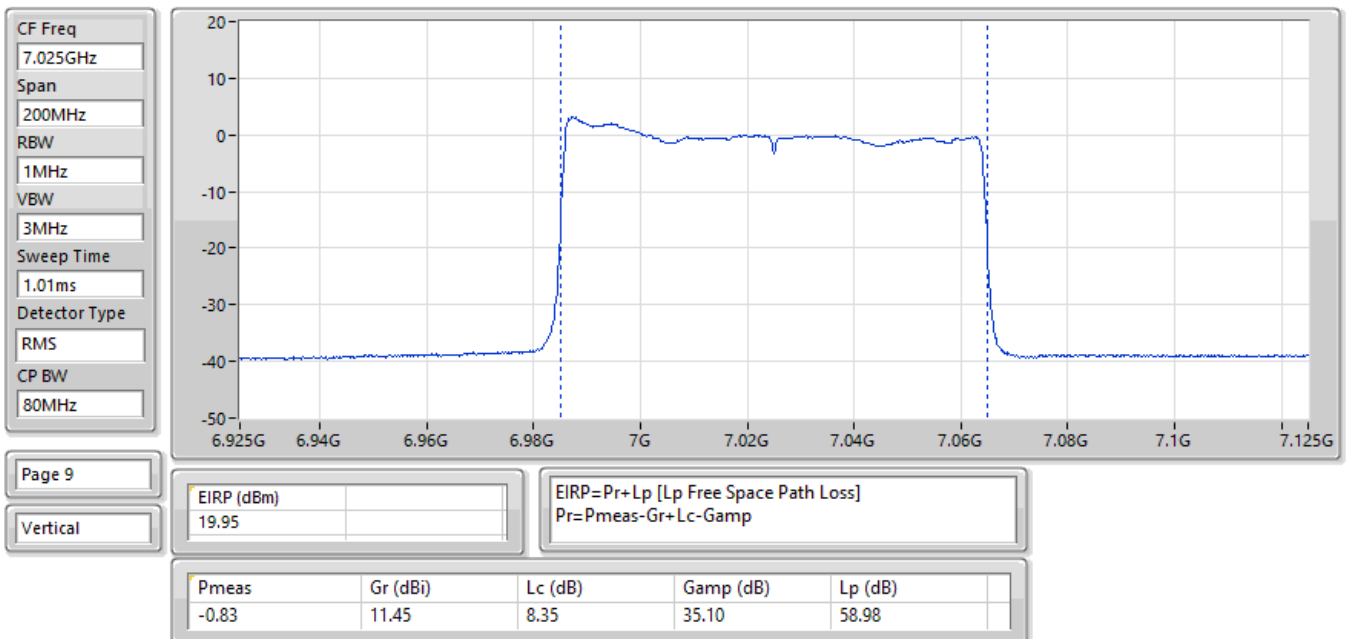
09/02/2026

EIRP:Band:7.0G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6945MHz;TX



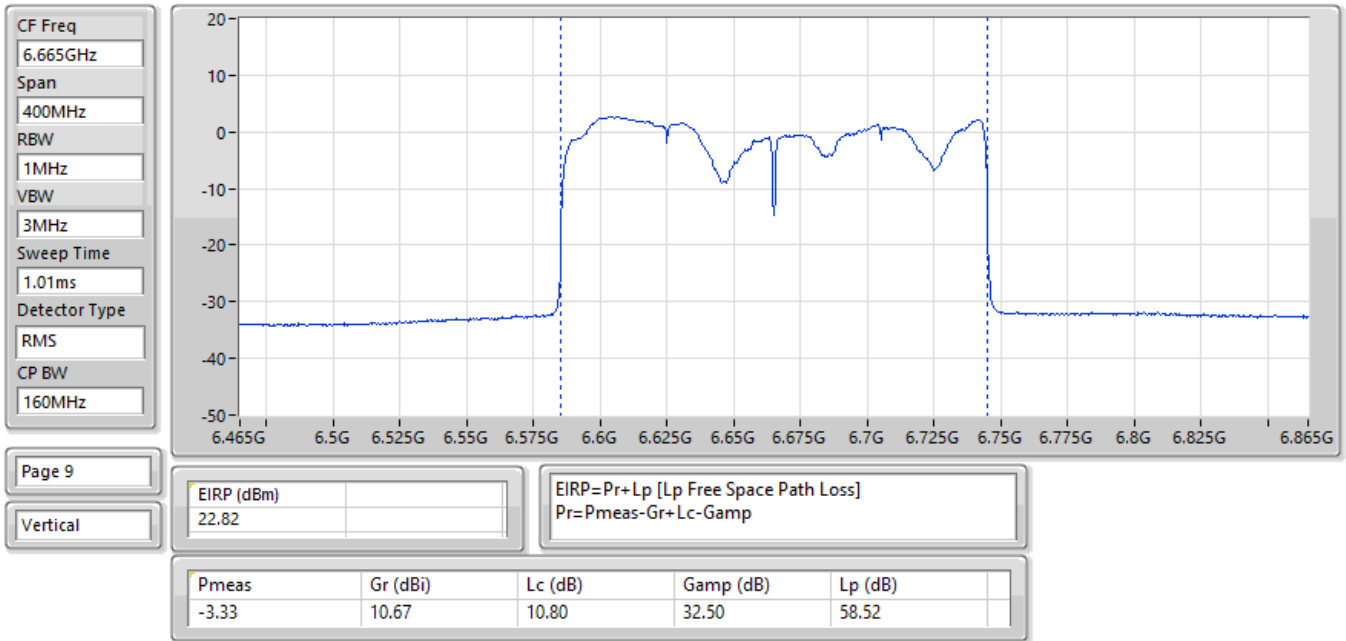
09/02/2026

EIRP:Band:7.0G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:7025MHz;TX



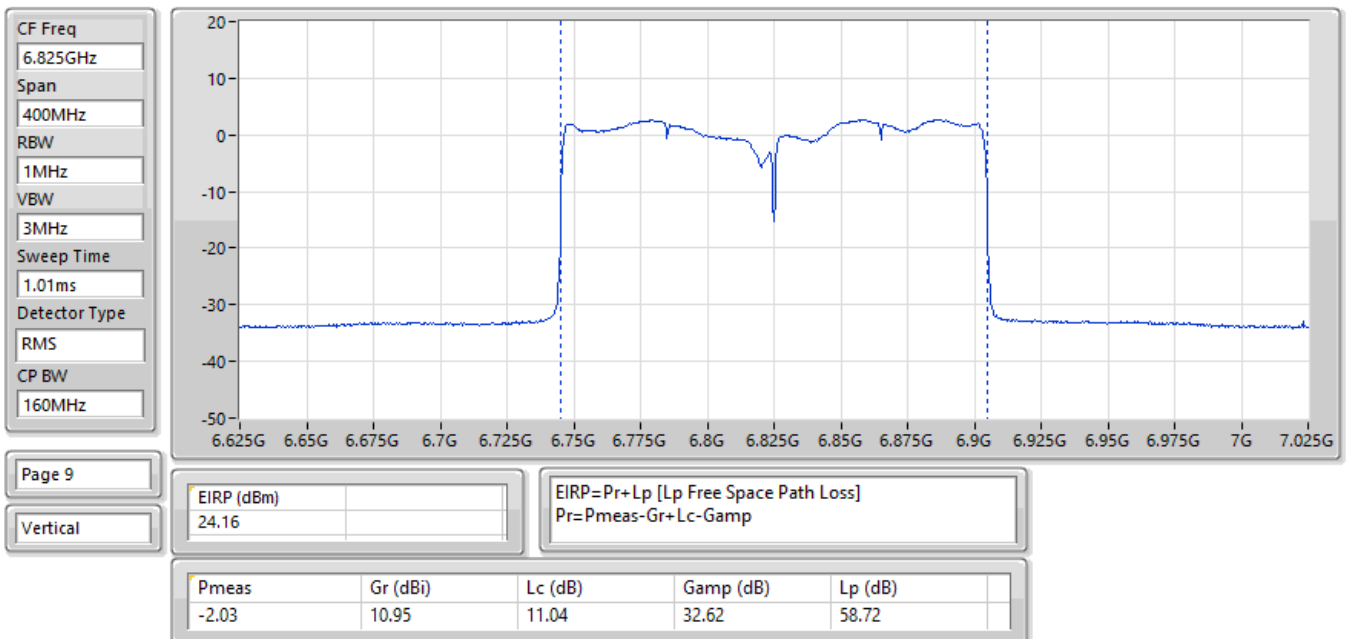
03/02/2026

EIRP;Band:6.7G;bn160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6665MHz;TX



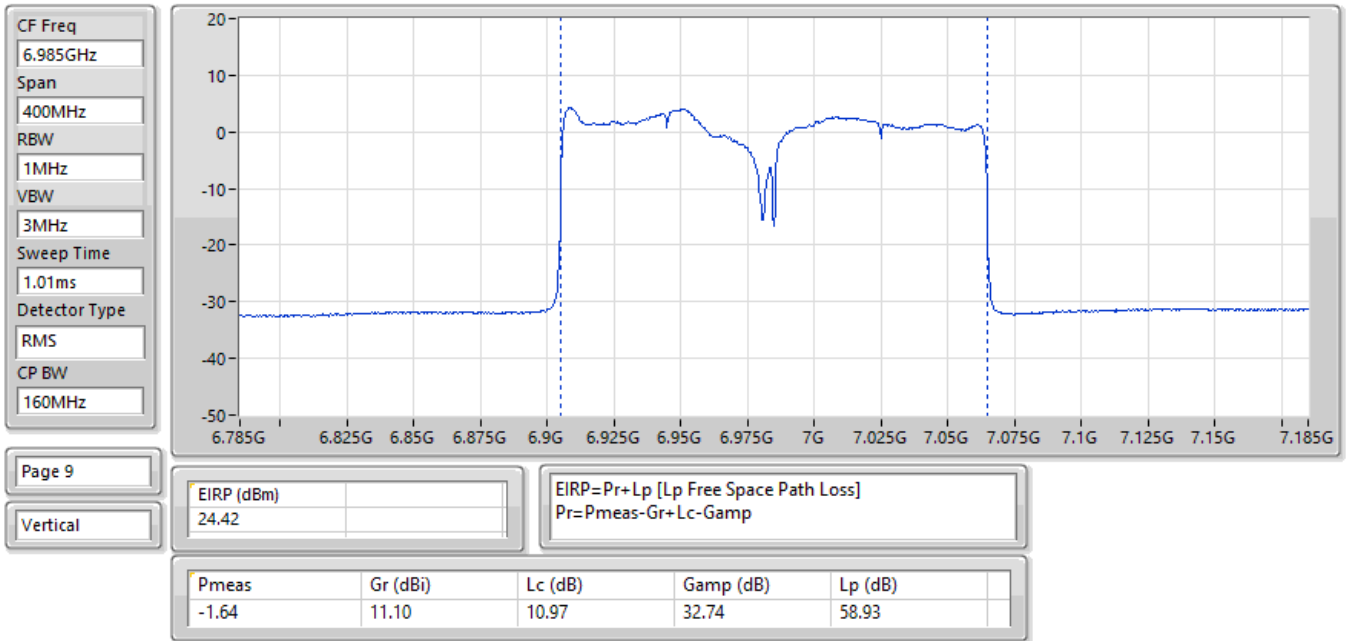
29/12/2025

EIRP;Band:6.7G;bn160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6825MHz;TX



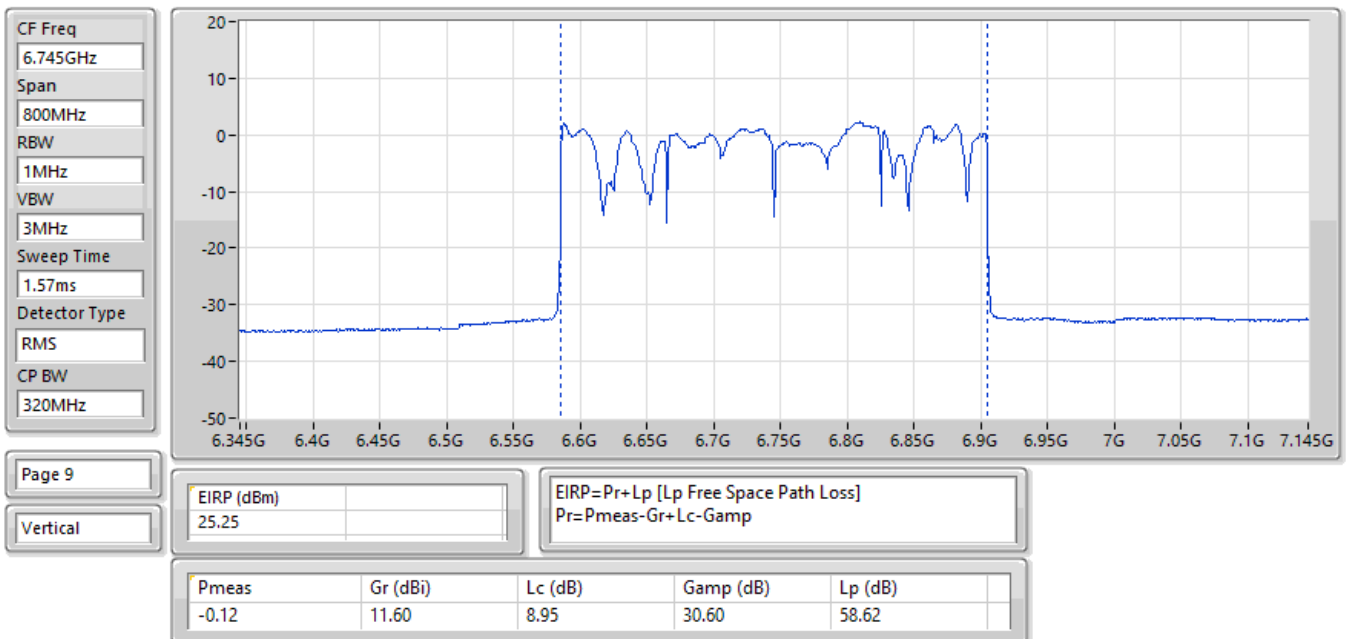
03/02/2026

EIRP;Band:7.0G;bn160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6985MHz;TX



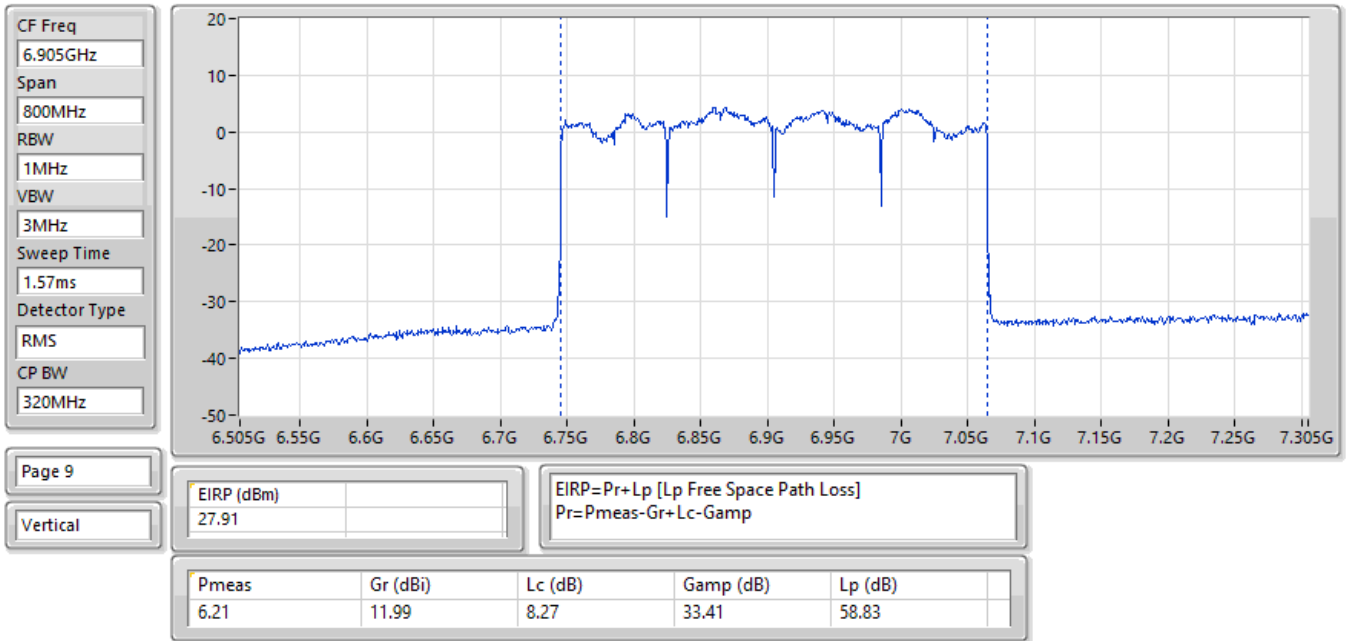
09/02/2026

EIRP;Band:6.7G;bn320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6745MHz;TX



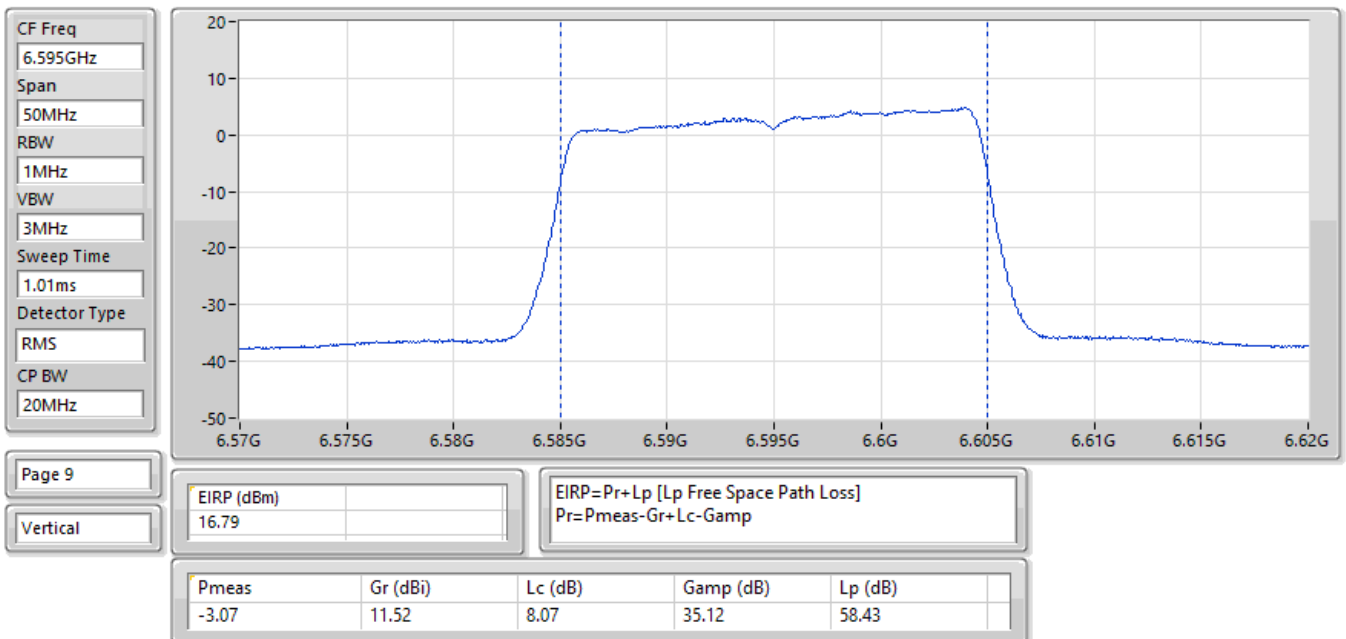
29/12/2025

EIRP;Band:6.7G;bn320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6905MHz;TX



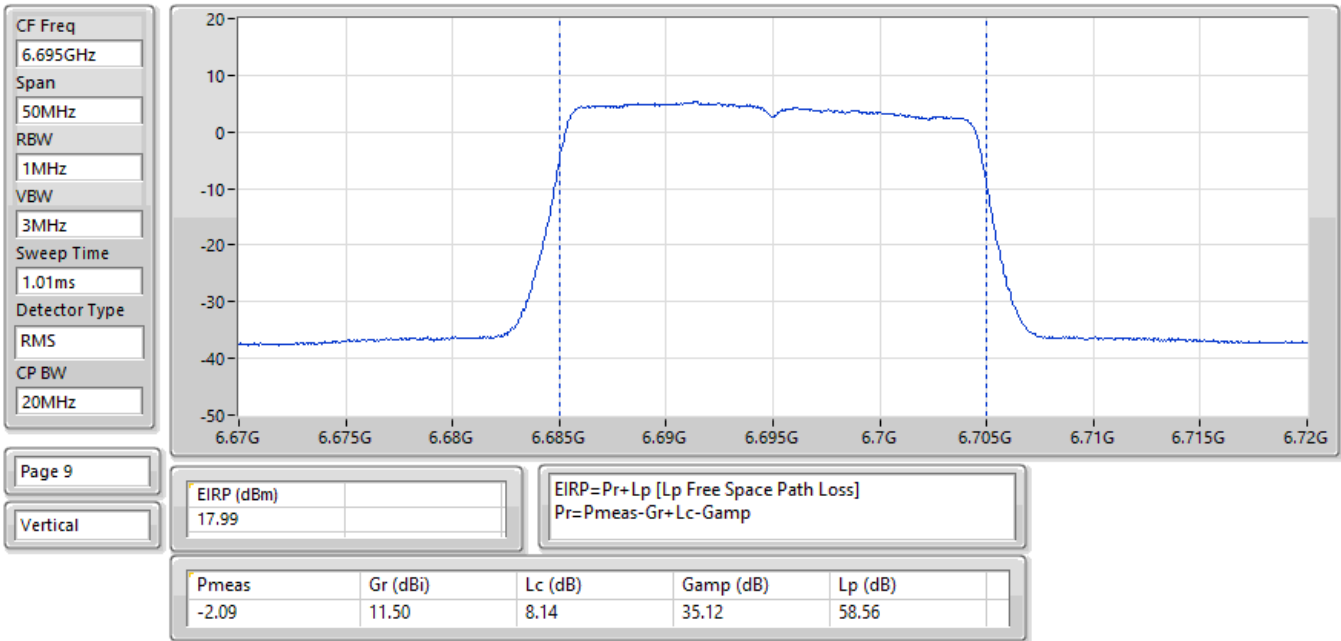
10/01/2026

EIRP;Band:6.7G;bn20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:6595MHz;TX



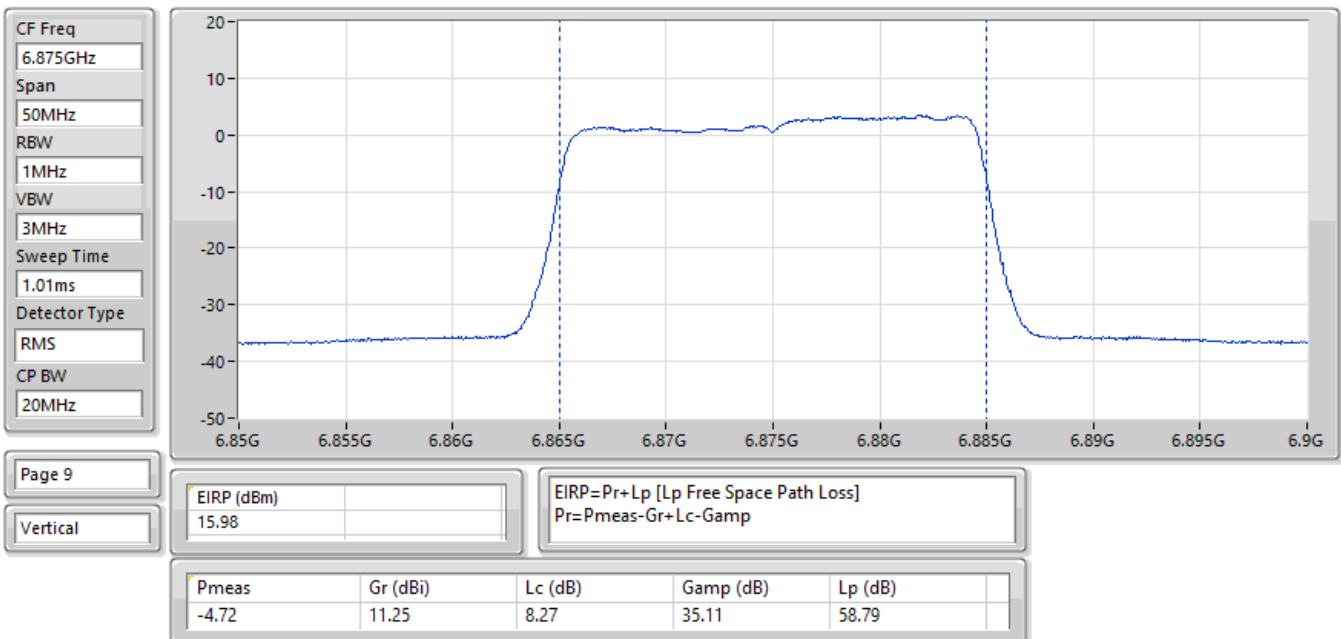
10/01/2026

EIRP:Band:6.7G;bn20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:6695MHz;TX



10/01/2026

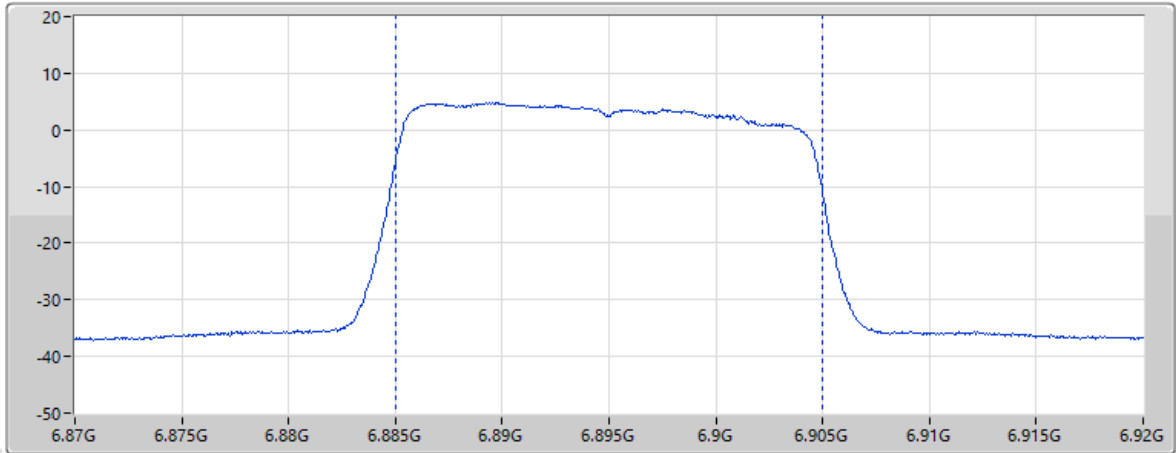
EIRP:Band:6.7G;bn20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:6875MHz;TX



10/01/2026

EIRP:Band:7.0G;bn20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:6895MHz;TX

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



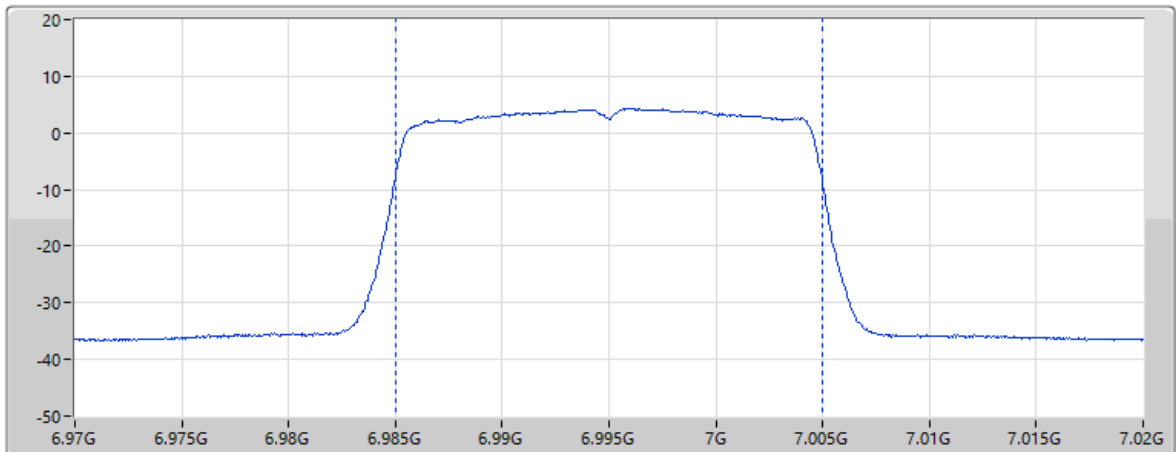
Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
17.32				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-3.37	11.29	8.28	35.11	58.81

10/01/2026

EIRP:Band:7.0G;bn20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:6995MHz;TX

CF Freq
6.995GHz
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		
17.17				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-3.60	11.40	8.34	35.11	58.94

10/01/2026

EIRP:Band:7.0G;bn20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:7095MHz;TX

CF Freq
7.095GHz

Span
50MHz

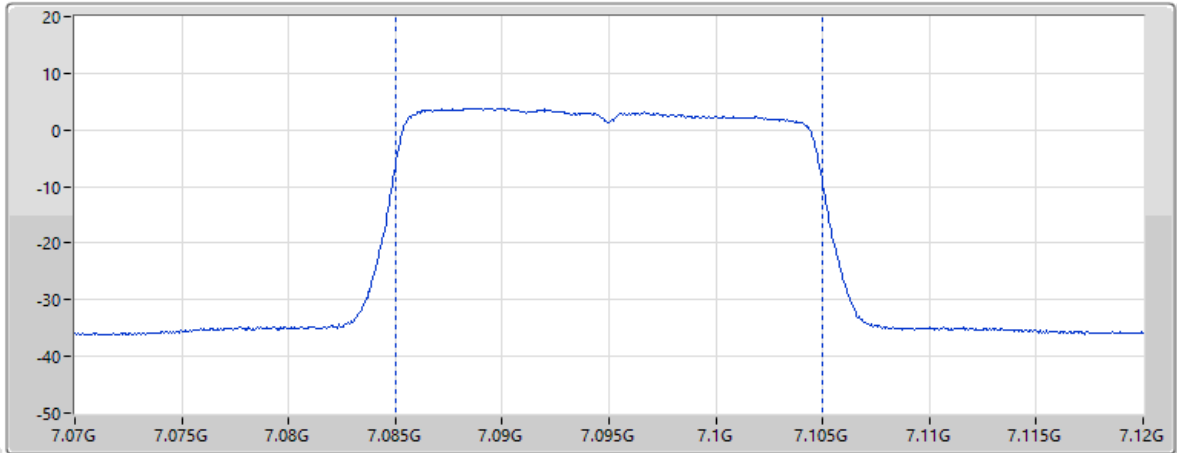
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
20MHz



Page 9

Vertical

EIRP (dBm)
16.79

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-4.09	11.50	8.39	35.07	59.06

10/01/2026

EIRP:Band:6.7G;bn40,BF;BWch:40MHz;Nss:2,(M0);Nant:4;Ch:6605MHz;TX

CF Freq
6.605GHz

Span
100MHz

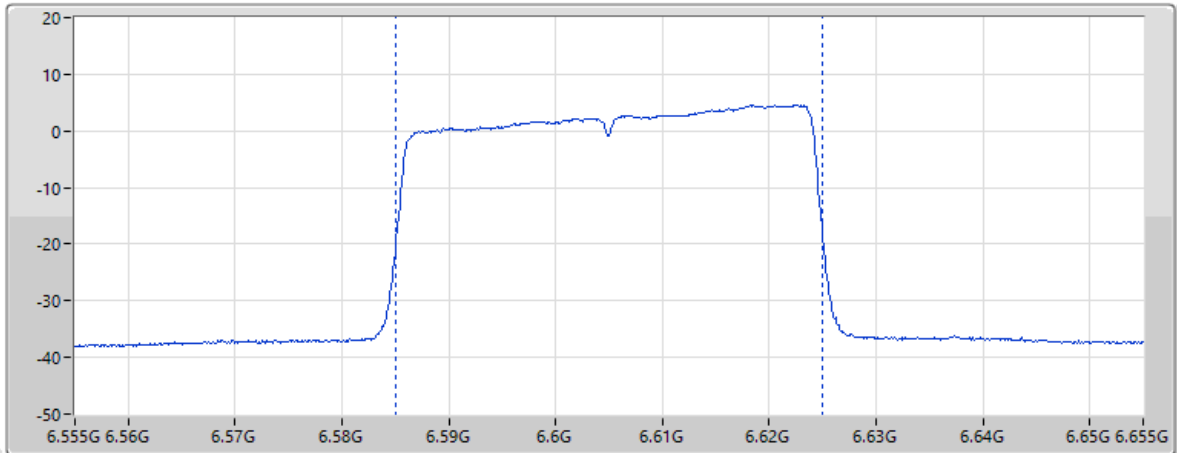
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
40MHz



Page 9

Vertical

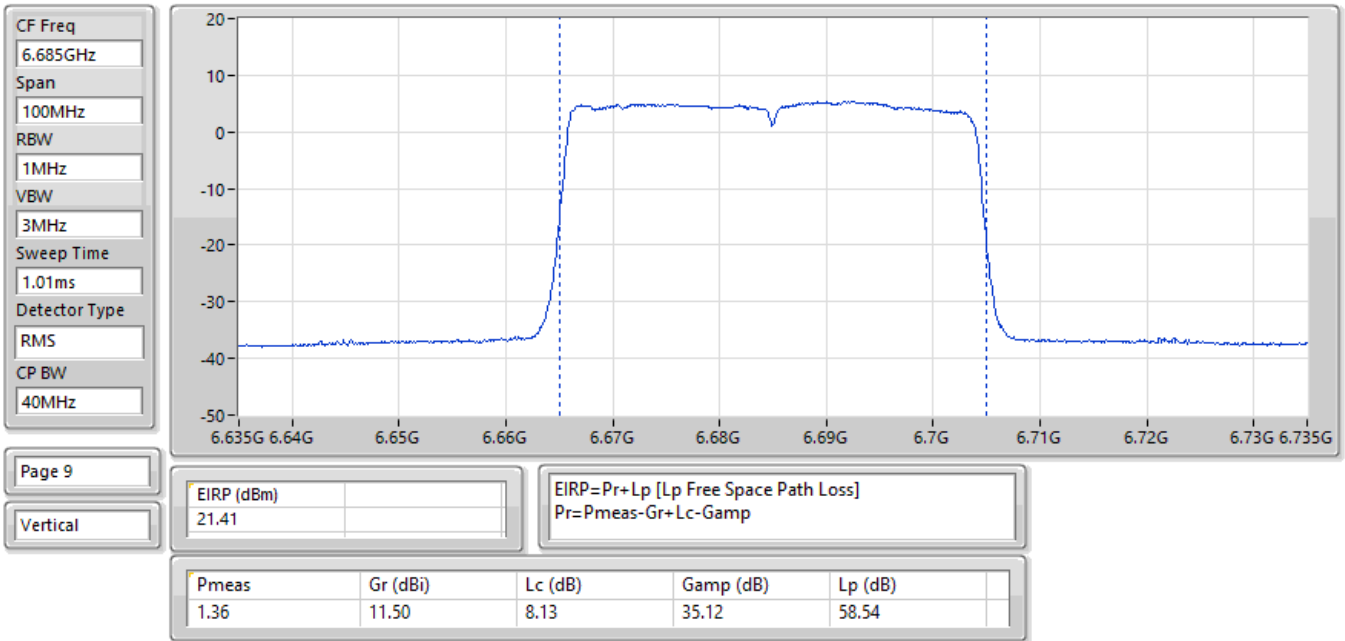
EIRP (dBm)
19.33

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.56	11.50	8.07	35.12	58.44

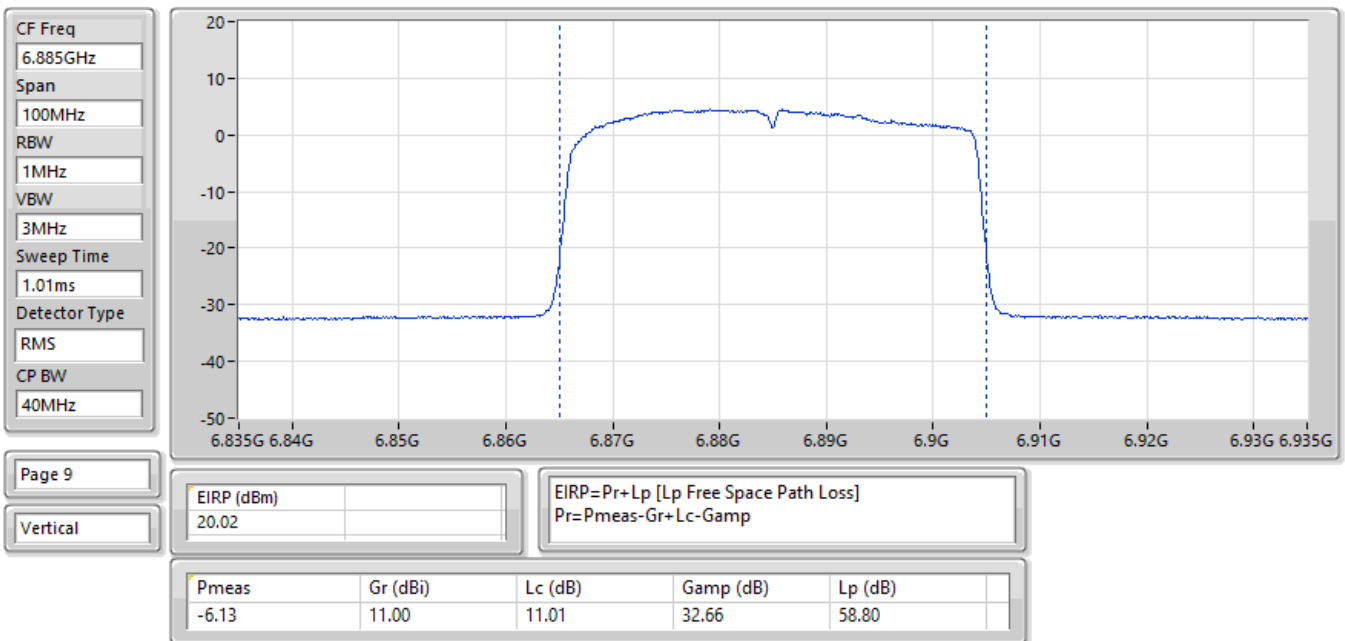
10/01/2026

EIRP:Band:6.7G;bn40,BF;BWch:40MHz;Nss:2,(M0);Nant:4;Ch:6685MHz;TX



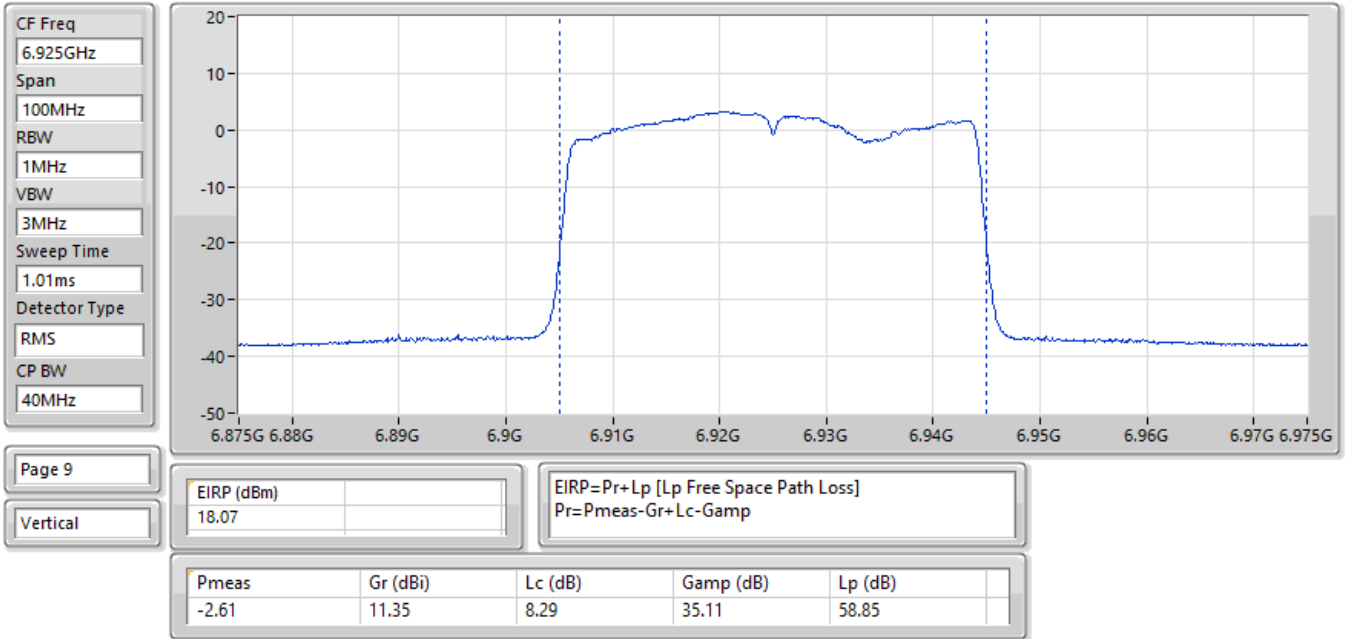
03/02/2026

EIRP:Band:6.7G;bn40,BF;BWch:40MHz;Nss:2,(M0);Nant:4;Ch:6885MHz;TX



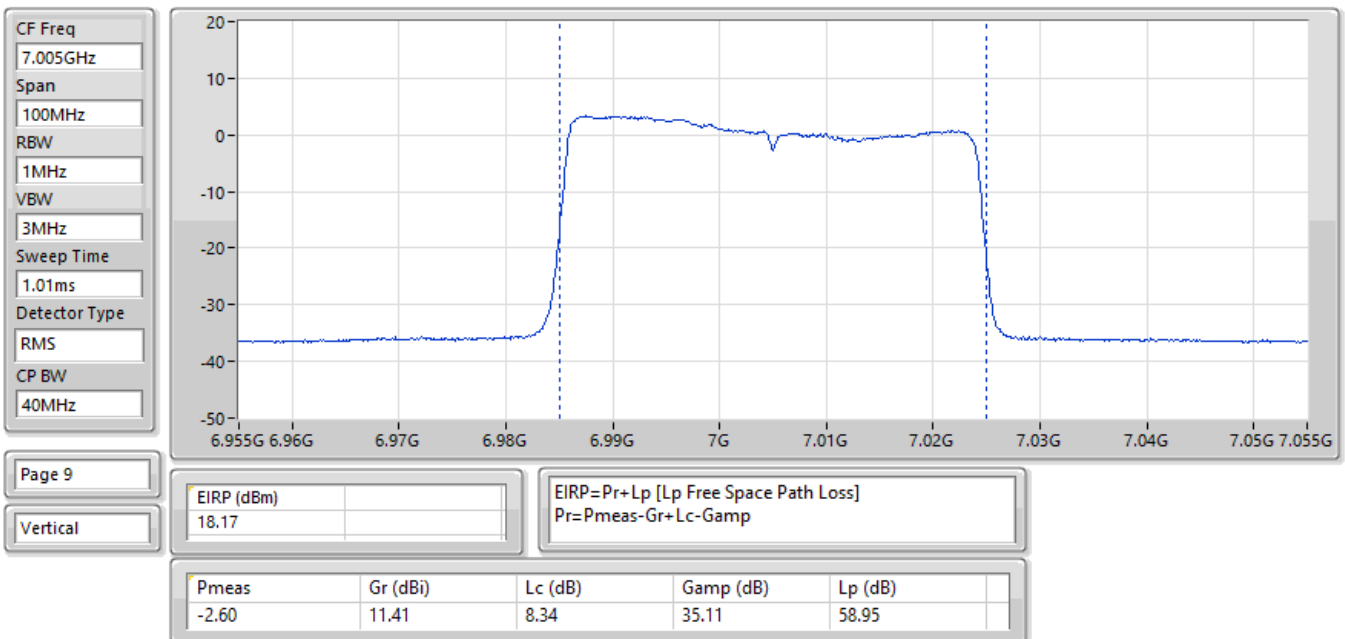
10/01/2026

EIRP:Band:7.0G;bn40,BF;BWch:40MHz;Nss:2,(M0);Nant:4;Ch:6925MHz;TX



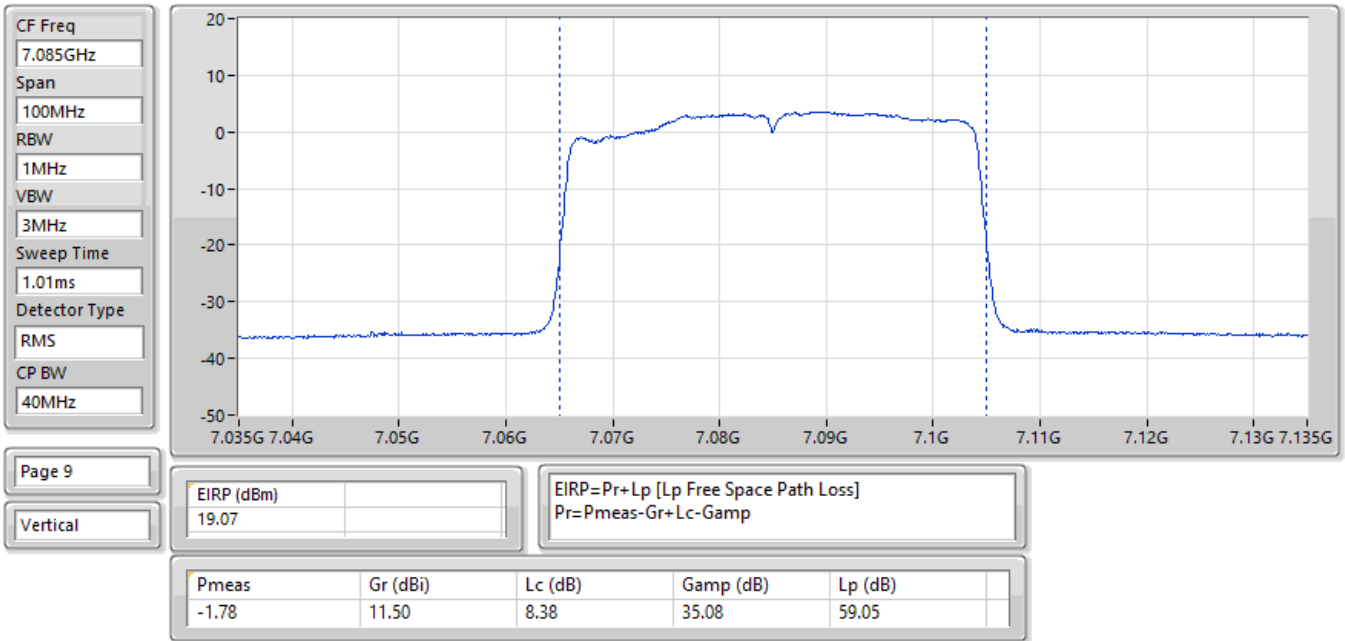
10/01/2026

EIRP:Band:7.0G;bn40,BF;BWch:40MHz;Nss:2,(M0);Nant:4;Ch:7005MHz;TX



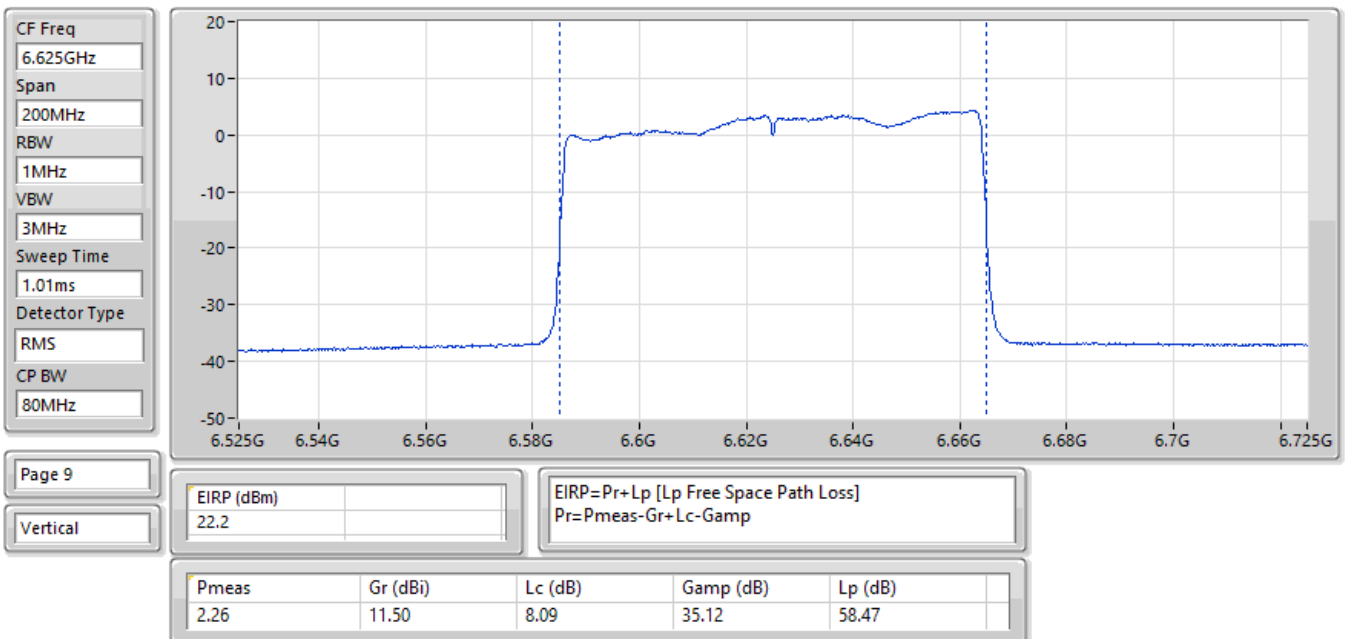
10/01/2026

EIRP:Band:7.0G;bn40,BF;BWch:40MHz;Nss:2,(M0);Nant:4;Ch:7085MHz;TX



10/01/2026

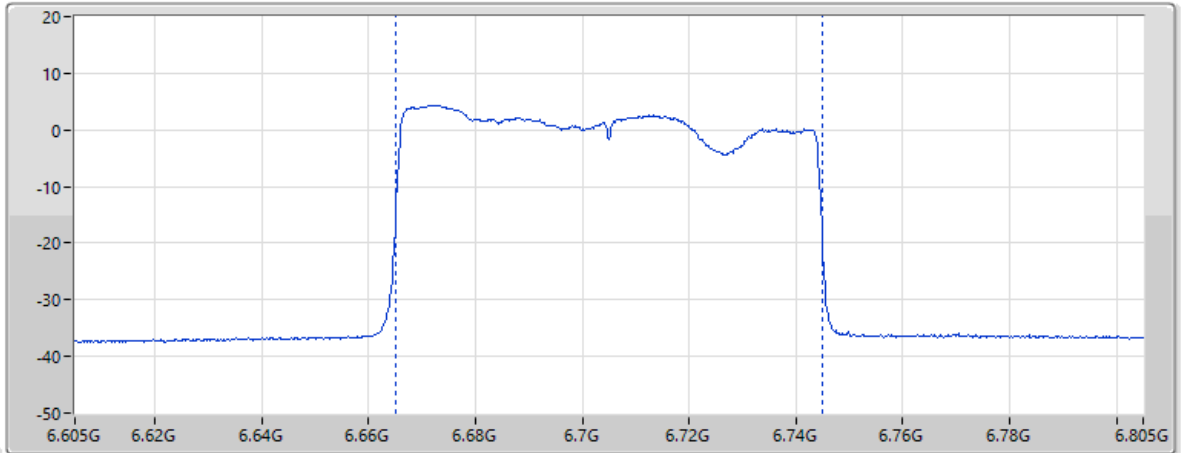
EIRP:Band:6.7G;bn80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:6625MHz;TX



10/01/2026

EIRP:Band:6.7G;bn80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:6705MHz;TX

CF Freq
6.705GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
80MHz



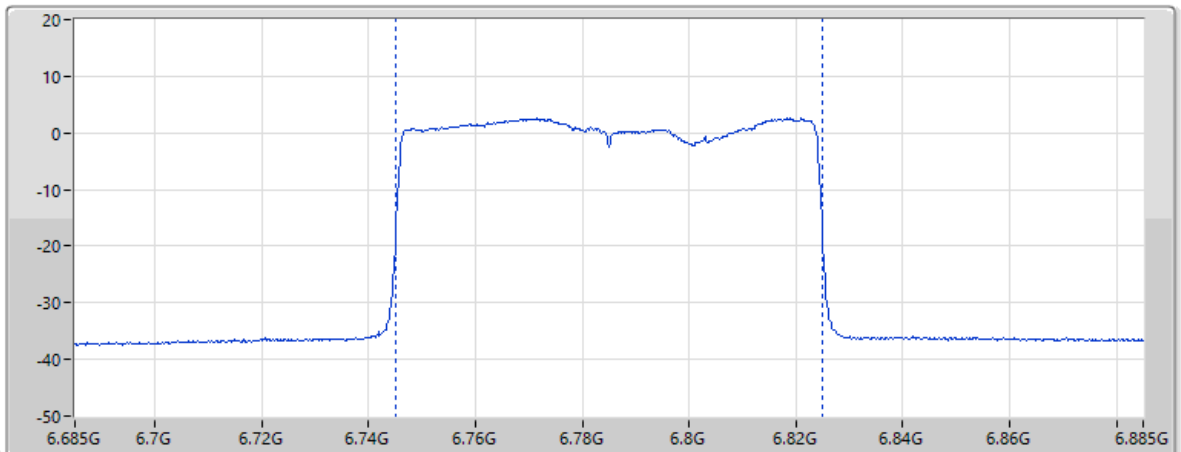
Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
21.46				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
1.34	11.48	8.15	35.12	58.57

10/01/2026

EIRP:Band:6.7G;bn80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:6785MHz;TX

CF Freq
6.785GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
80MHz

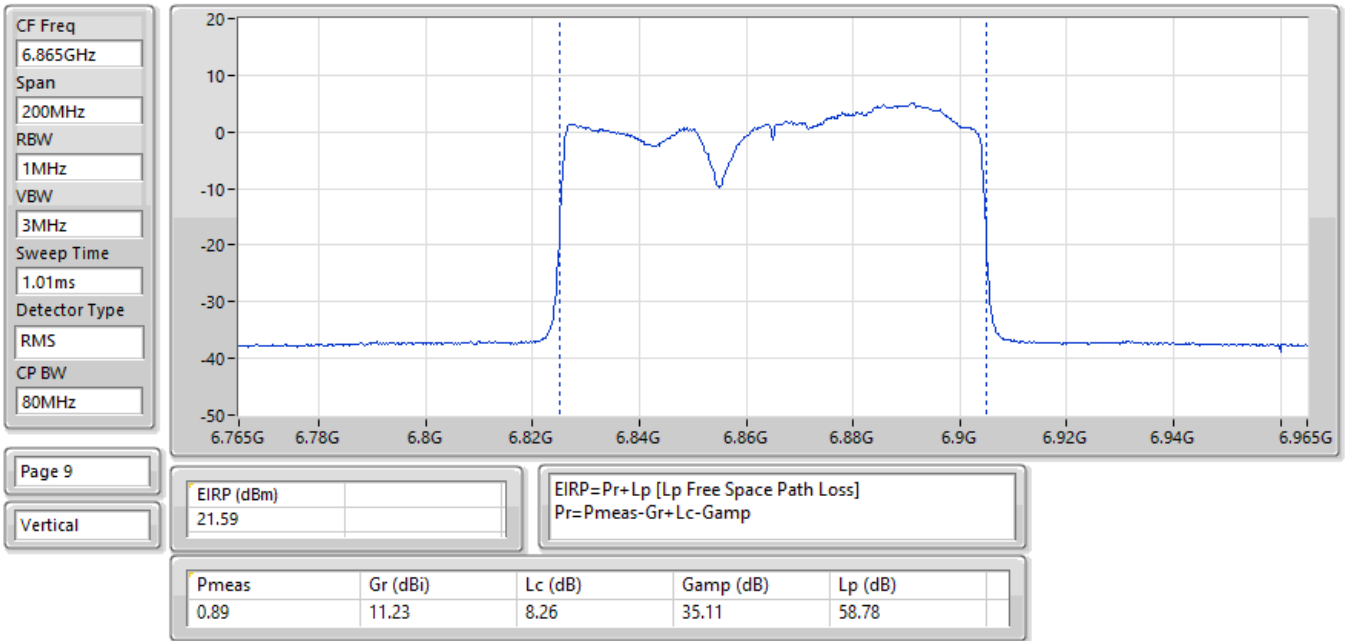


Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
21.07				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
0.53	11.23	8.21	35.11	58.67

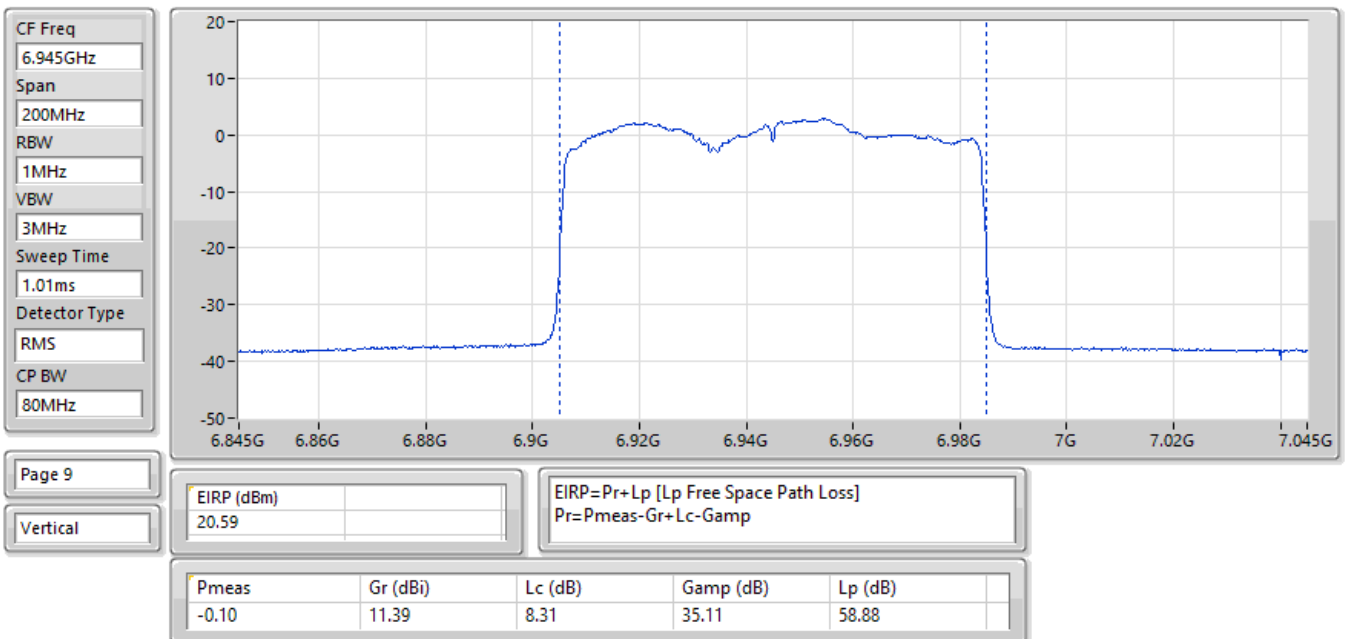
10/01/2026

EIRP:Band:6.7G;bn80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:6865MHz;TX



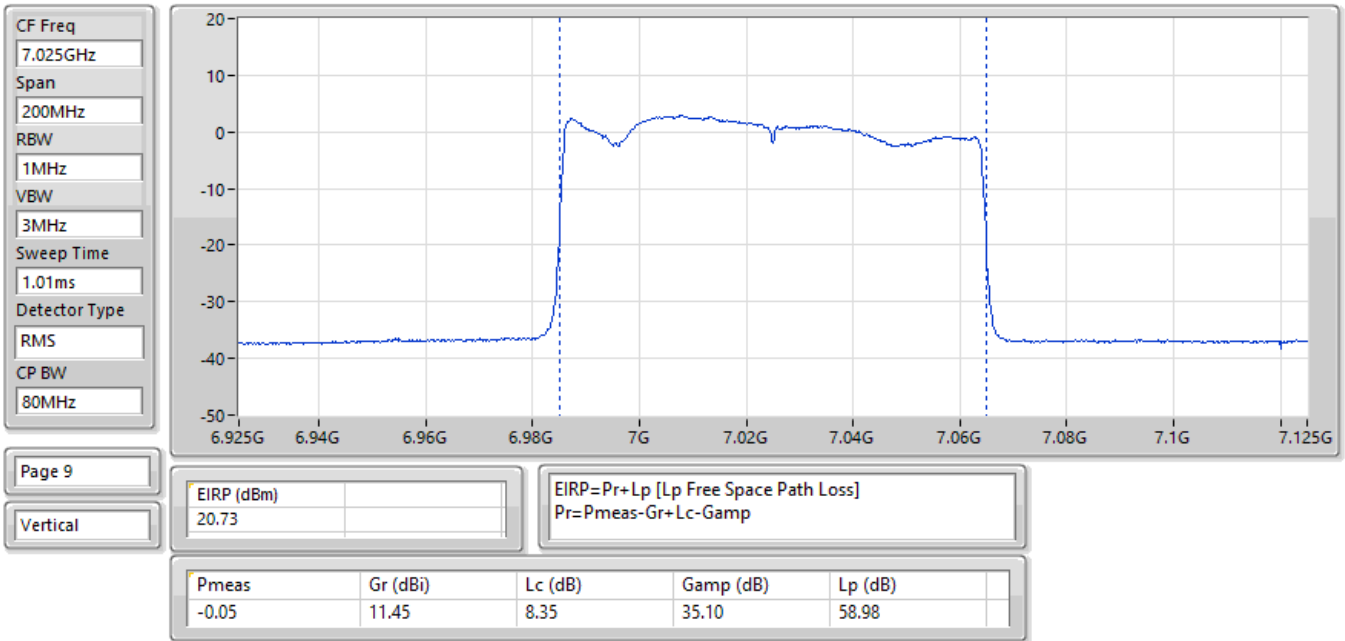
10/01/2026

EIRP:Band:7.0G;bn80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:6945MHz;TX



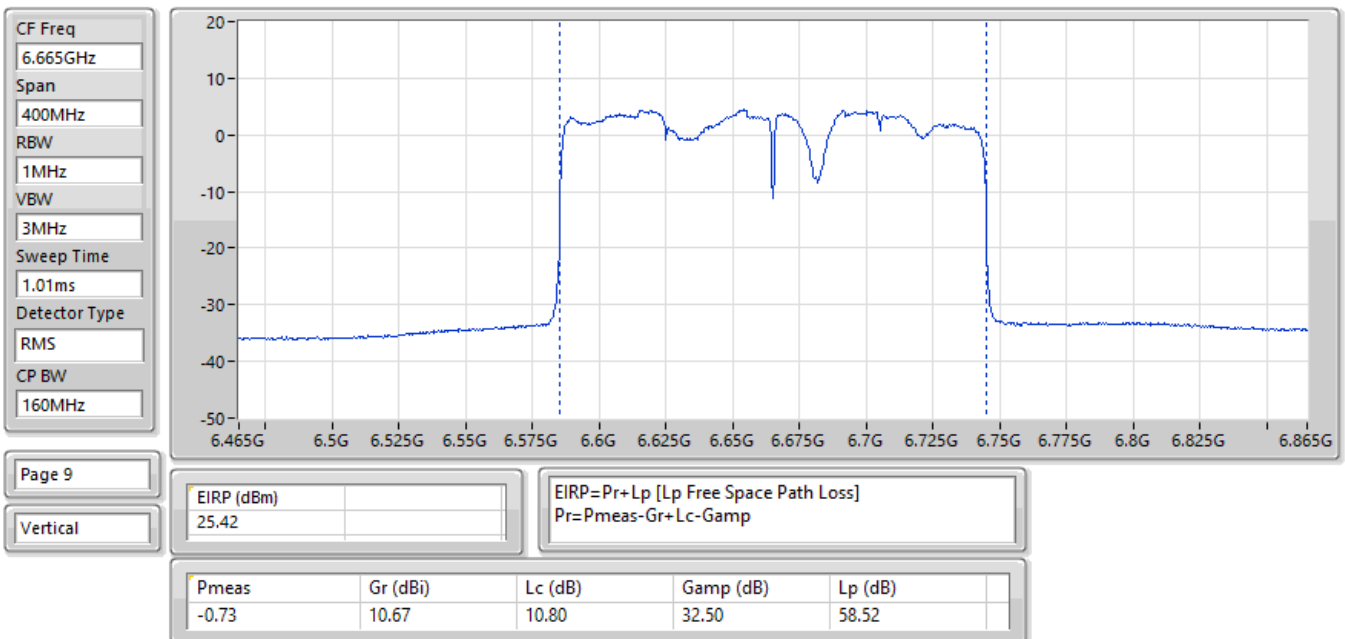
10/01/2026

EIRP;Band:7.0G;bn80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:7025MHz;TX



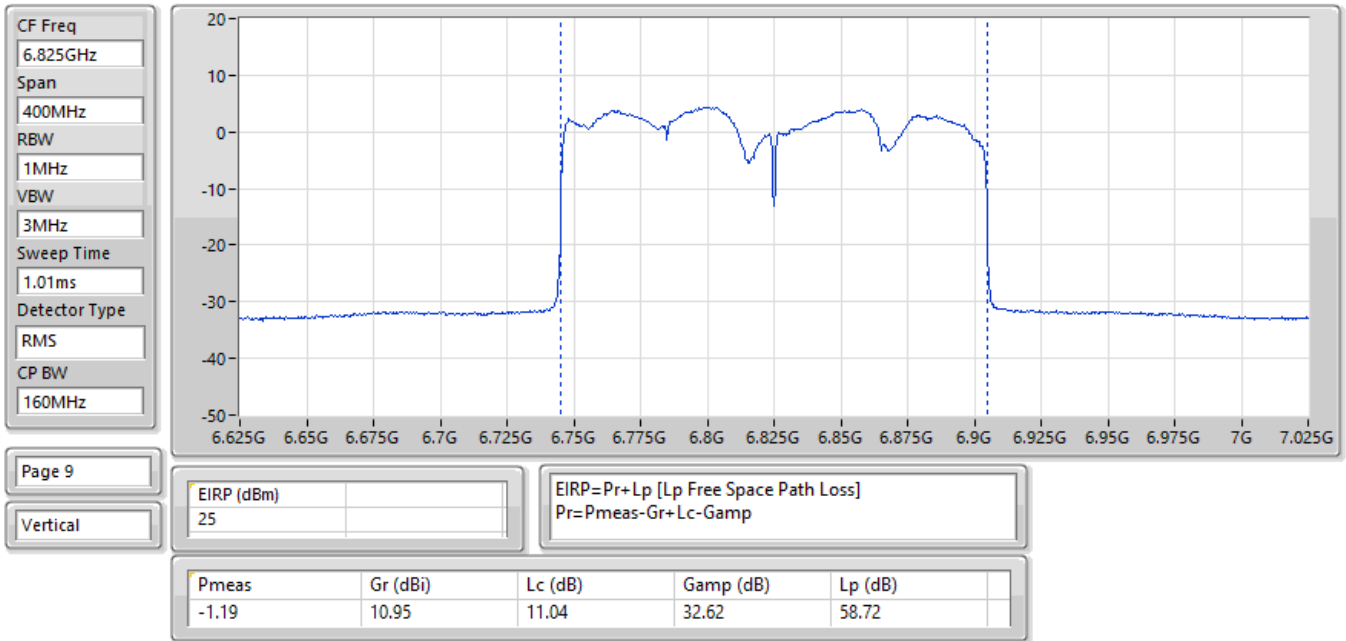
09/02/2026

EIRP;Band:6.7G;bn160,BF;BWch:160MHz;Nss:2,(M0);Nant:4;Ch:6665MHz;TX



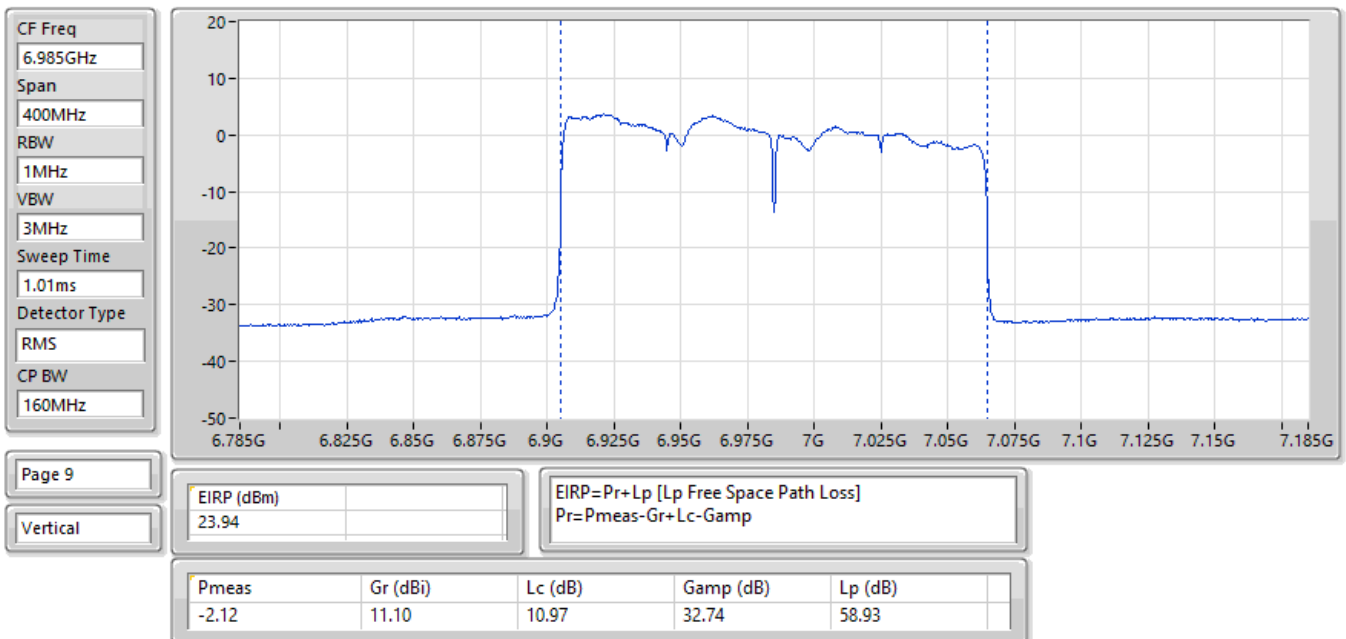
03/02/2026

EIRP;Band:6.7G;bn160,BF;BWch:160MHz;Nss:2,(M0);Nant:4;Ch:6825MHz;TX



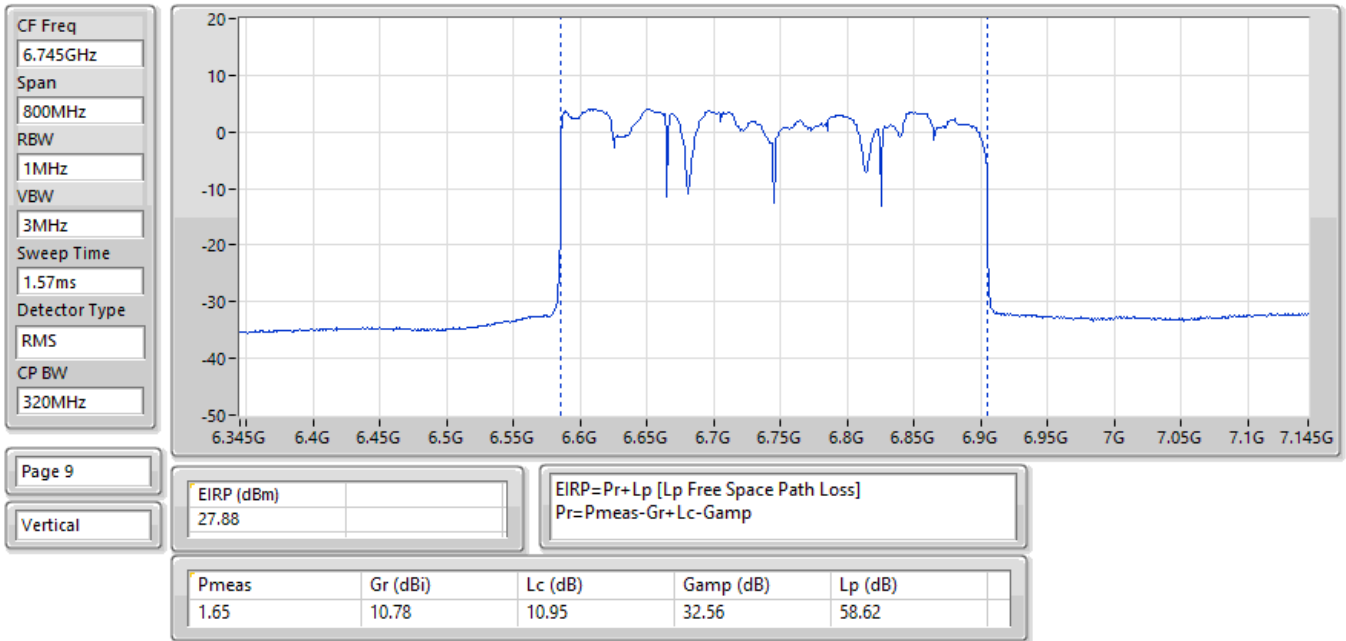
31/12/2025

EIRP;Band:7.0G;bn160,BF;BWch:160MHz;Nss:2,(M0);Nant:4;Ch:6985MHz;TX



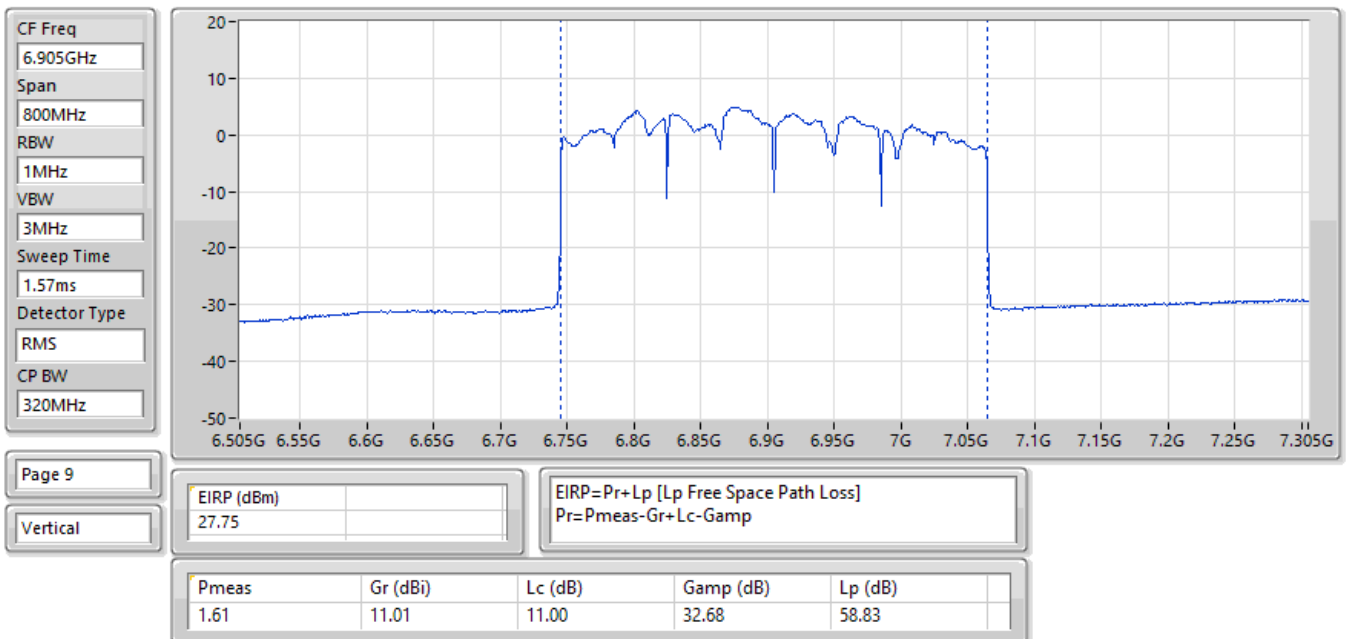
24/02/2026

EIRP;Band:6.7G;bn320,BF;BWch:320MHz;Nss:2,(M0);Nant:4;Ch:6745MHz;TX



31/12/2025

EIRP;Band:6.7G;bn320,BF;BWch:320MHz;Nss:2,(M0);Nant:4;Ch:6905MHz;TX



Summary

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11bn UHR80_Nss1,(MCS0),RU484+RU242_4TX	17.22	0.05272
802.11bn UHR160_Nss1,(MCS0),RU996+RU484+RU242_4TX	20.30	0.10715
802.11bn UHR160_Nss1,(MCS0),RU996+RU484_4TX	18.75	0.07499
802.11bn UHR320_Nss1,(MCS0),3xRU996+RU484_4TX	23.75	0.23714
802.11bn UHR320_Nss1,(MCS0),3xRU996_4TX	23.29	0.21330
802.11bn UHR320_Nss1,(MCS0),2xRU996+RU484_4TX	23.81	0.24044

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11bn UHR80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-
5985MHz	Pass	17.22	30.00
802.11bn UHR160_Nss1,(MCS0),RU996+RU484+RU242 MRU 7_4TX	-	-	-
6025MHz	Pass	20.30	30.00
802.11bn UHR160_Nss1,(MCS0),RU996+RU484 MRU 3_4TX	-	-	-
6025MHz	Pass	18.75	30.00
802.11bn UHR320_Nss1,(MCS0),3xRU996+RU484 MRU 5_4TX	-	-	-
6105MHz	Pass	23.75	30.00
802.11bn UHR320_Nss1,(MCS0),3xRU996 MRU 3_4TX	-	-	-
6105MHz	Pass	23.29	30.00
802.11bn UHR320_Nss1,(MCS0),2xRU996+RU484 MRU 3_4TX	-	-	-
6105MHz	Pass	23.81	30.00

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

26/05/2026

EIRP;Band:6.2G;bn80;BWch:80MHz;Nss:1,(M0),RU484+RU242 MRU 3;Nant:4;Ch:5985MHz;TX

CF Freq
5.985GHz

Span
200MHz

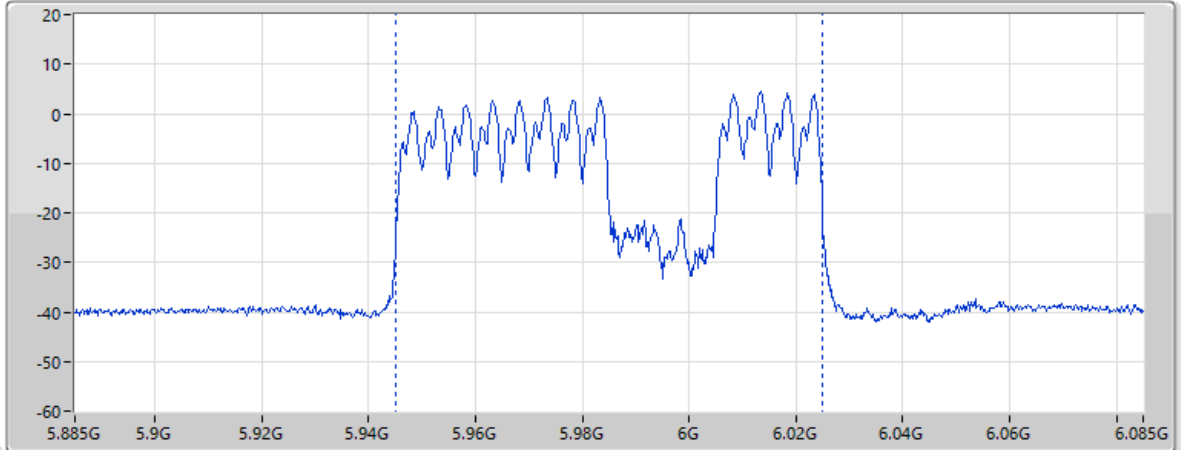
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
80MHz



Page 9

Vertical

EIRP (dBm)	17.22	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-3.05	11.57	9.01	34.75	57.58

26/05/2026

EIRP;Band:6.2G;bn160;BWch:160MHz;Nss:1,(M0),RU996+RU484+RU242 MRU 7;Nant:4;Ch:6025MHz;TX

CF Freq
6.025GHz

Span
400MHz

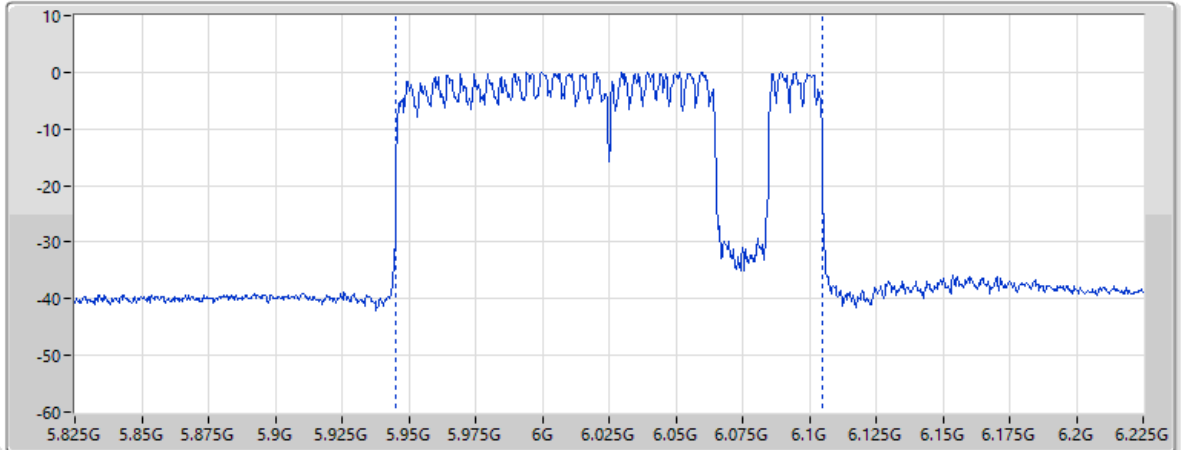
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
160MHz



Page 9

Vertical

EIRP (dBm)	20.3	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.01	11.65	9.04	34.72	57.64

18/05/2026

EIRP;Band:6.2G;bn160;BWch:160MHz;Nss:1,(M0),RU996+RU484 MRU 3;Nant:4;Ch:6025MHz;TX

CF Freq
6.025GHz

Span
400MHz

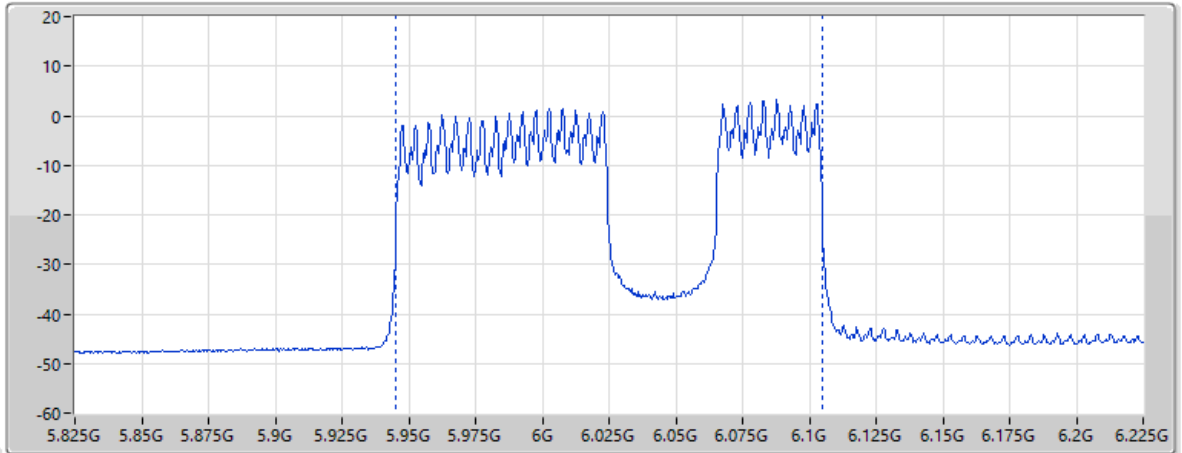
RBW
1MHz

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		
18.75				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
8.66	13.30	9.08	43.33	57.64

18/05/2026

EIRP;Band:6.2G;bn320;BWch:320MHz;Nss:1,(M0),3xRU996+RU484 MRU 5;Nant:4;Ch:6105MHz;TX

CF Freq
6.105GHz

Span
800MHz

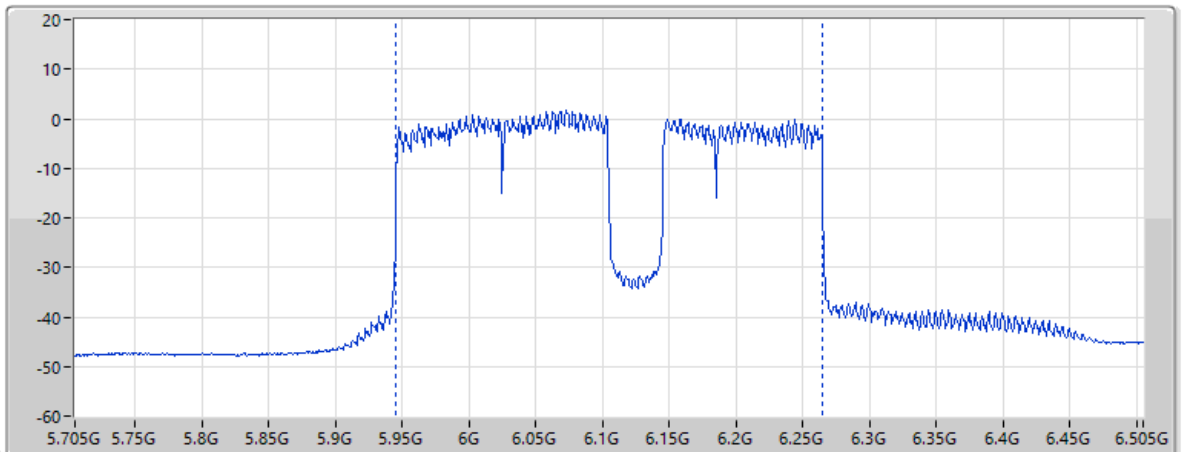
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
320MHz



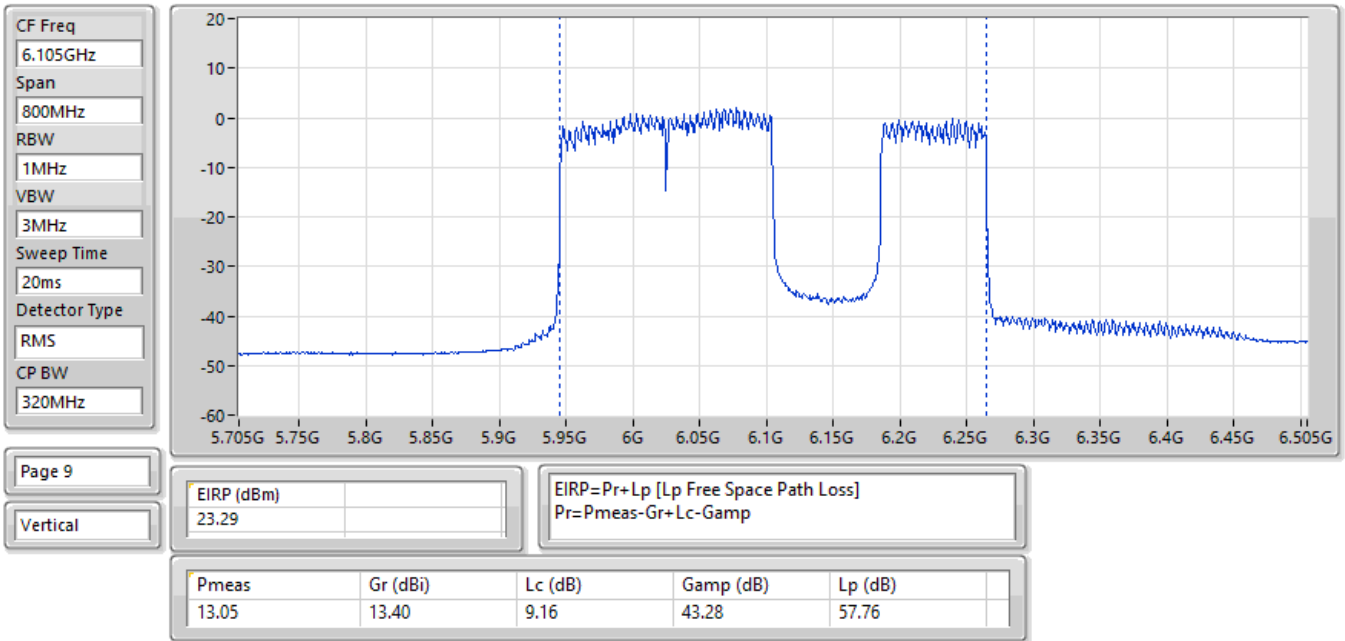
Page 9

Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
23.75				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
13.51	13.40	9.16	43.28	57.76

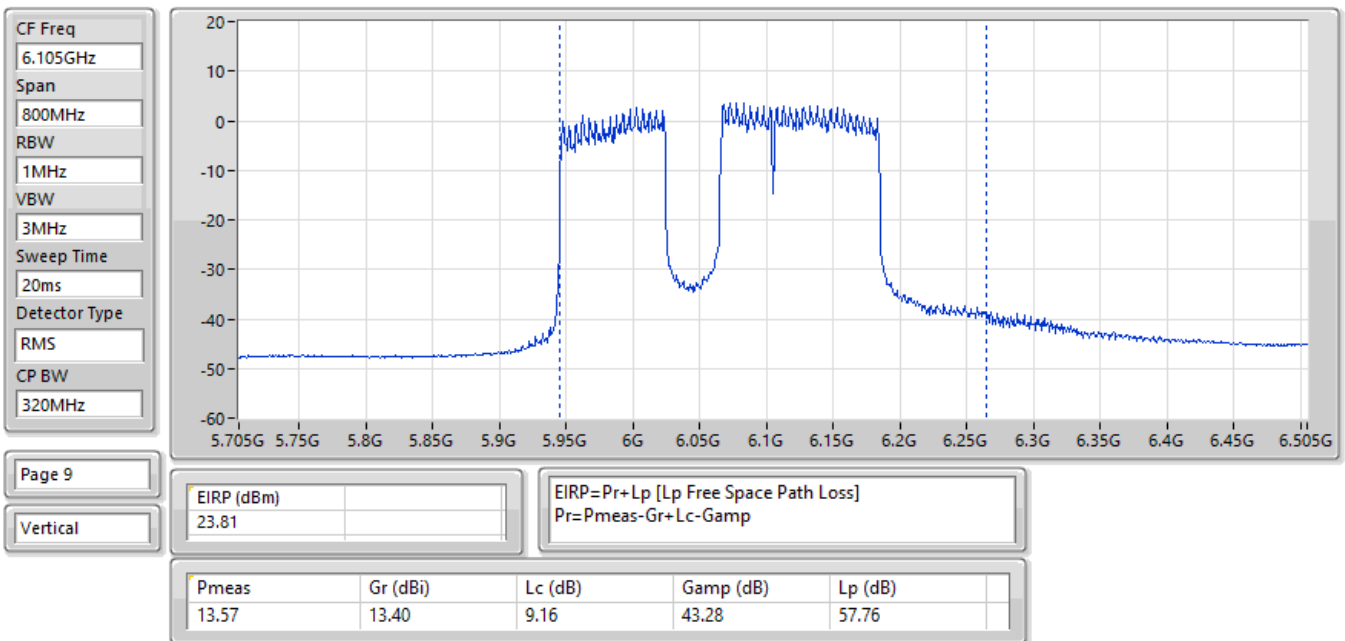
18/05/2026

EIRP;Band:6.2G;bn320;BWch:320MHz;Nss:1,(M0),3xRU996 MRU 3;Nant:4;Ch:6105MHz;TX



18/05/2026

EIRP;Band:6.2G;bn320;BWch:320MHz;Nss:1,(M0),2xRU996+RU484 MRU 3;Nant:4;Ch:6105MHz;TX





Summary

Mode	EIRP (dBm)	EIRP (W)
6.525-6.875GHz	-	-
802.11bn UHR320_Nss1,(MCS0)_4TX	23.81	0.24044
6.875-7.125GHz	-	-
802.11bn UHR80_Nss1,(MCS0)_4TX	16.75	0.04732
802.11bn UHR160_Nss1,(MCS0)_4TX	20.31	0.10740

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11bn UHR80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX	-	-	-
7025MHz	Pass	16.75	30.00
802.11bn UHR160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_4TX	-	-	-
6985MHz	Pass	20.31	30.00
802.11bn UHR160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-	-	-
6985MHz	Pass	19.61	30.00
802.11bn UHR320_Nss1,(MCS0),3xRU996+RU484 MRU 3_4TX	-	-	-
6905MHz	Pass	23.81	30.00
802.11bn UHR320_Nss1,(MCS0),3xRU996 MRU 2_4TX	-	-	-
6905MHz	Pass	23.24	30.00
802.11bn UHR320_Nss1,(MCS0),2xRU996+RU484 MRU 8_4TX	-	-	-
6905MHz	Pass	22.35	30.00

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

27/05/2026

EIRP;Band:7.0G;bn80;BWch:80MHz;Nss:1,(M0),RU484+RU242 MRU 1;Nant:4;Ch:7025MHz;TX

CF Freq
7.025GHz

Span
200MHz

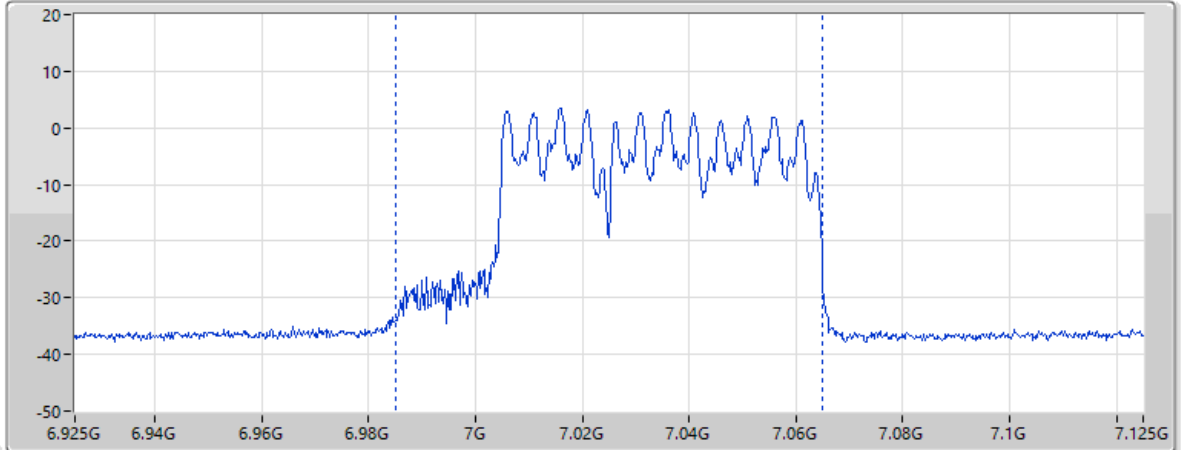
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
80MHz



Page 9

Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
16.75		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-6.35	10.95	9.49	34.42	58.98

18/05/2026

EIRP;Band:7.0G;bn160;BWch:160MHz;Nss:1,(M0),RU996+RU484+RU242 MRU 3;Nant:4;Ch:6985MHz;TX

CF Freq
6.985GHz

Span
400MHz

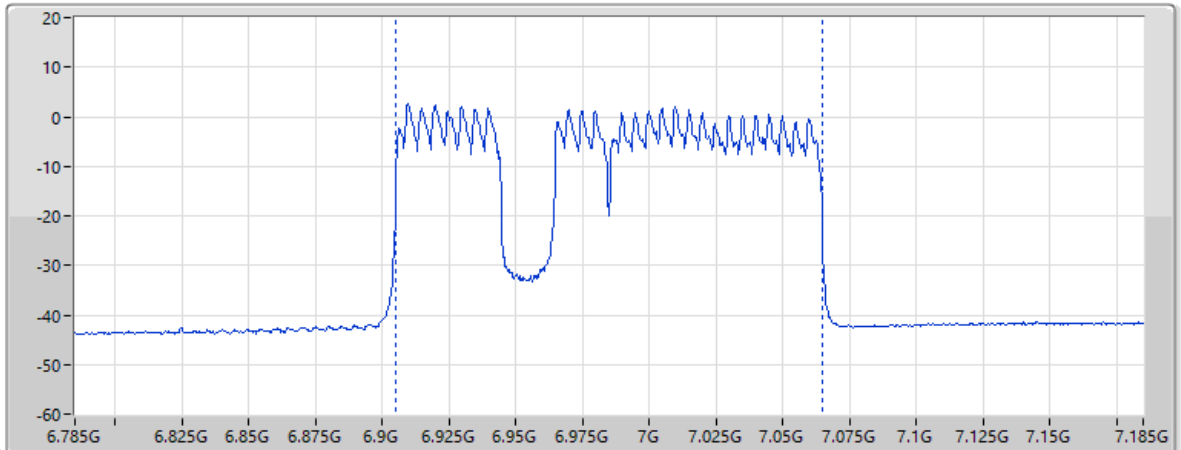
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
160MHz



Page 9

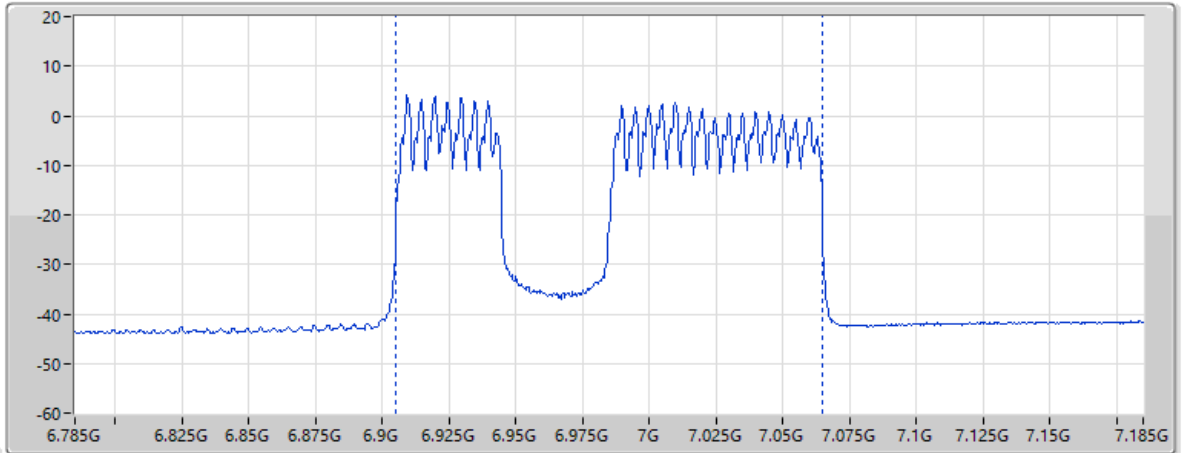
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
20.31		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
6.46	12.10	9.88	42.86	58.93

18/05/2026

EIRP;Band:7.0G;bn160;BWch:160MHz;Nss:1,(M0),RU996+RU484 MRU 2;Nant:4;Ch:6985MHz;TX

CF Freq
6.985GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
160MHz



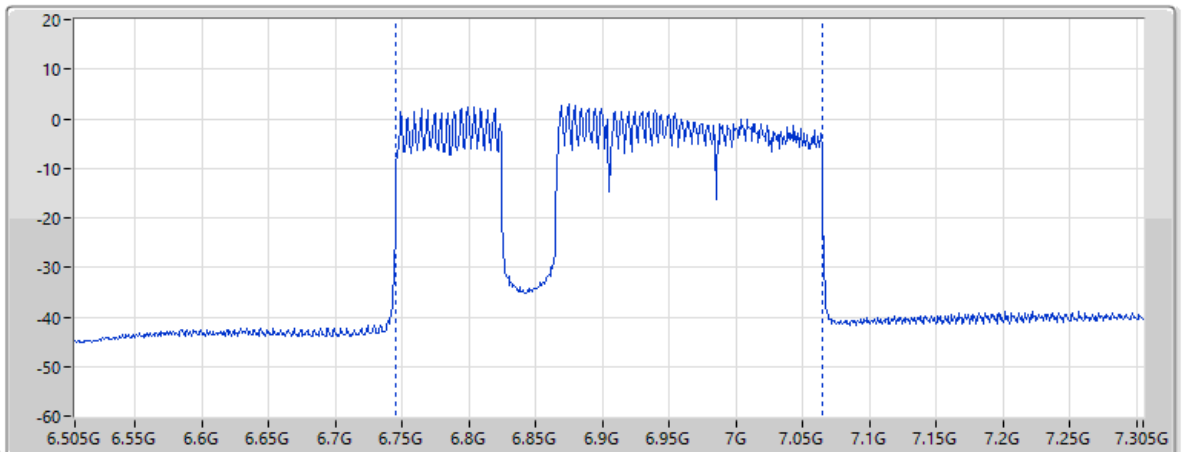
Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
19.61				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
5.76	12.10	9.88	42.86	58.93

18/05/2026

EIRP;Band:6.7G;bn320;BWch:320MHz;Nss:1,(M0),3xRU996+RU484 MRU 3;Nant:4;Ch:6905MHz;TX

CF Freq
6.905GHz
Span
800MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
320MHz

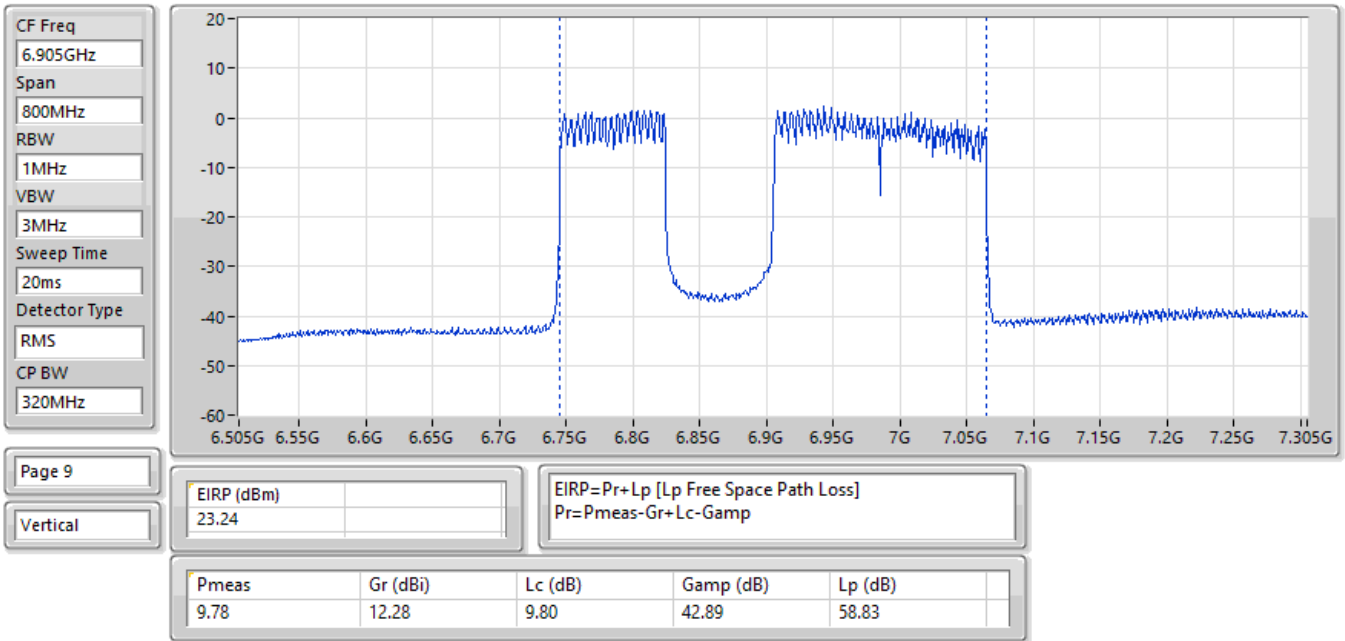


Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
23.81				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
10.35	12.28	9.80	42.89	58.83

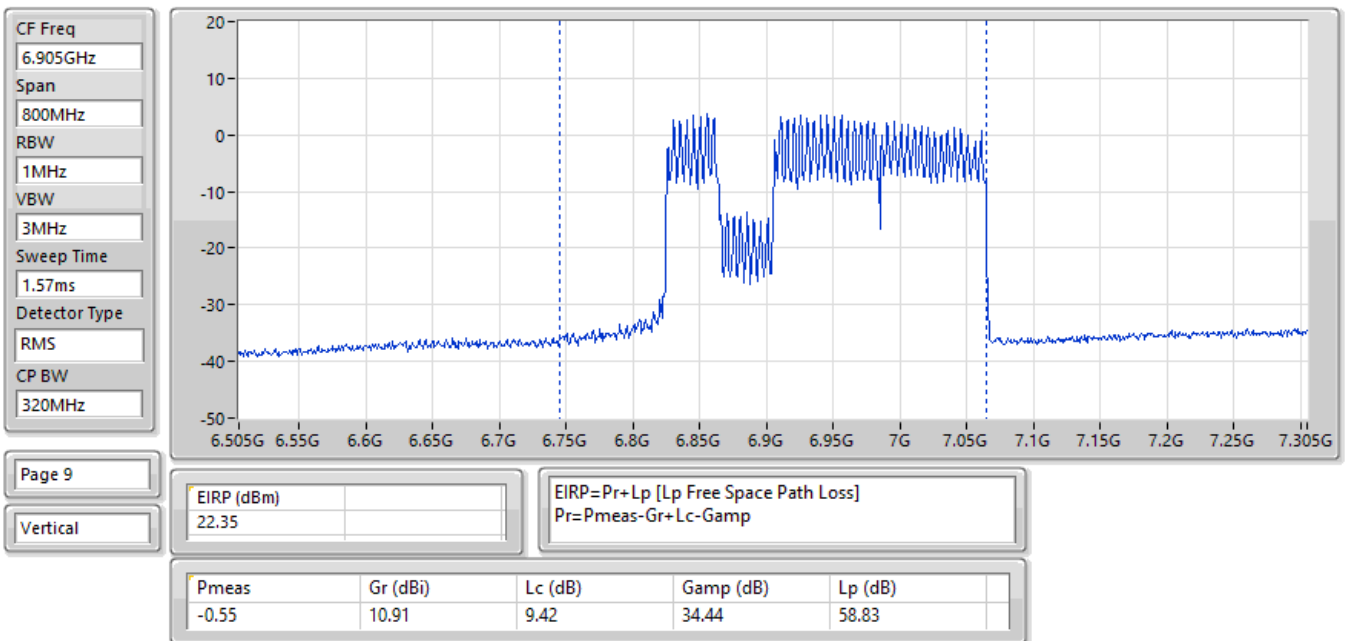
18/05/2026

EIRP;Band:6.7G;bn320;BWch:320MHz;Nss:1,(M0),3xRU996 MRU 2;Nant:4;Ch:6905MHz;TX



26/05/2026

EIRP;Band:6.7G;bn320;BWch:320MHz;Nss:1,(M0),2xRU996+RU484 MRU 8;Nant:4;Ch:6905MHz;TX





Radiated PSD_Mode 1

Appendix D.1

Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11a_Nss1,(6Mbps)_4TX	4.98

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



Radiated PSD_Mode 1

Appendix D.1

Result

Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-
5955MHz	Pass	4.84	5.00
6195MHz	Pass	4.96	5.00
6415MHz	Pass	4.98	5.00

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

16/01/2026

EIRP PSD;Band:6.2G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:5955MHz;TX

CF Freq
5.955GHz

Span
30MHz

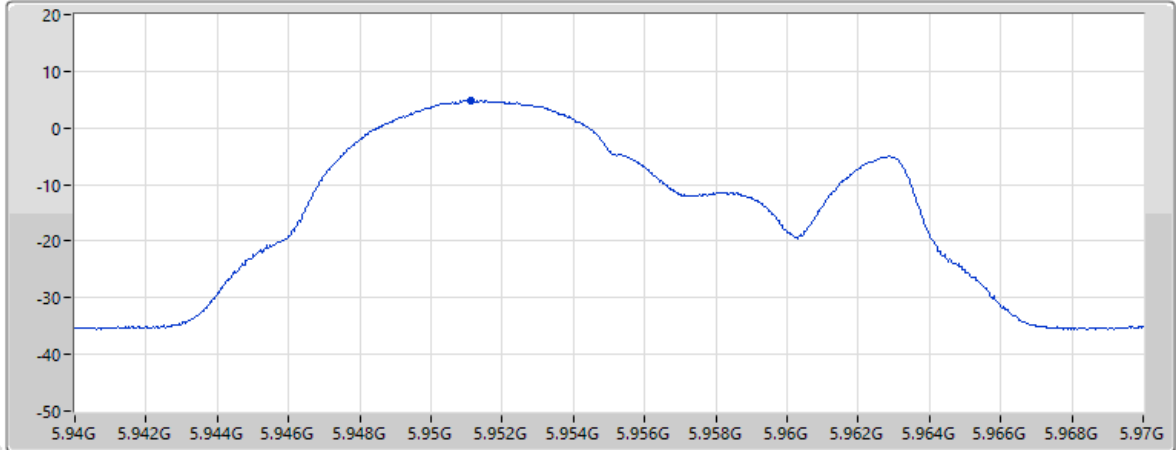
RBW
1MHz

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]		
4.84		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-19.18	11.50	8.14	30.15	57.53

16/01/2026

EIRP PSD;Band:6.2G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6195MHz;TX

CF Freq
6.195GHz

Span
30MHz

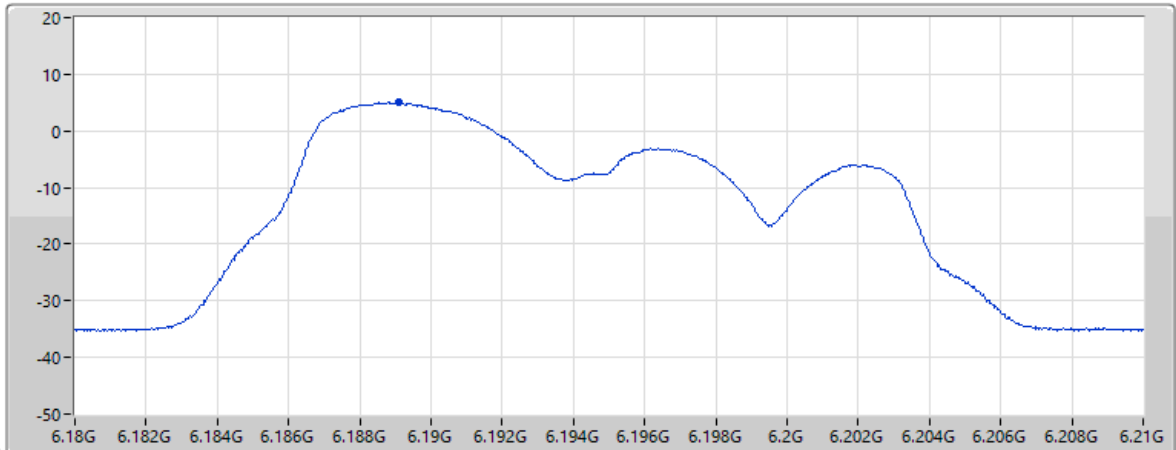
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
20MHz



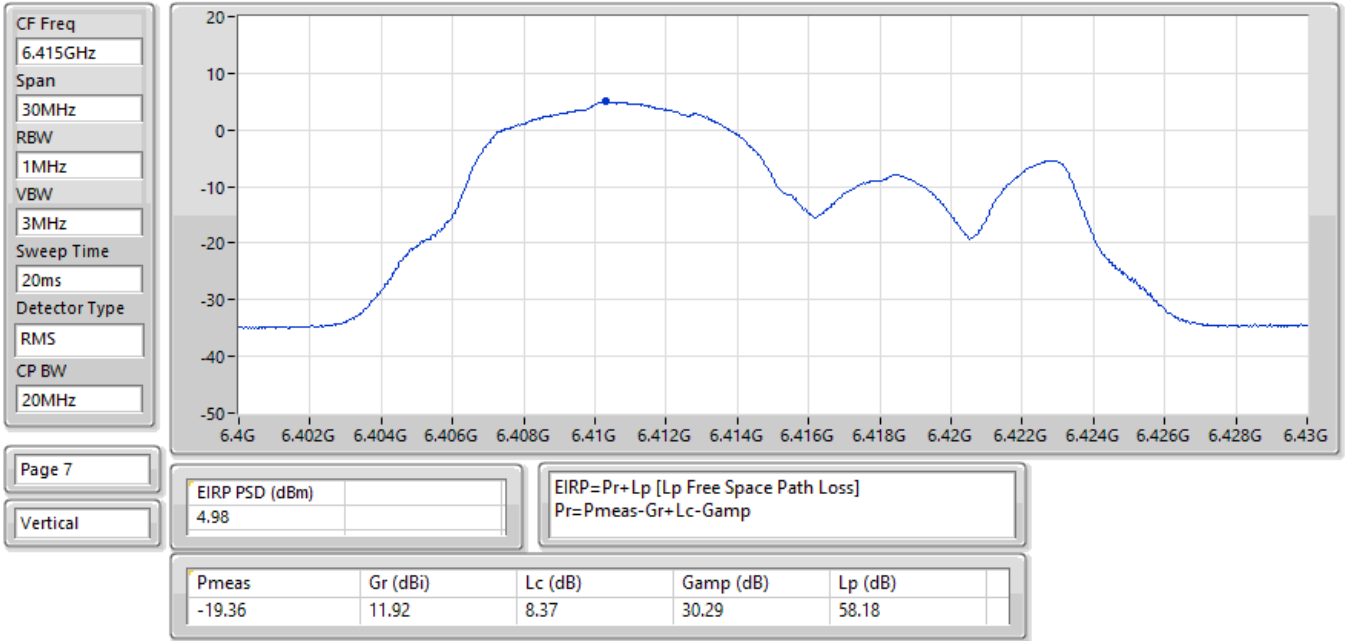
Page 7

Vertical

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
4.96		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-19.24	11.48	8.02	30.21	57.87

16/01/2026

EIRP PSD;Band:6.2G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6415MHz;TX



Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	4.89
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	4.83
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	4.95
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	4.90
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	4.98
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	4.95
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	4.98
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	4.96
802.11bn UHR320-BF_Nss1,(MCS0)_4TX	4.79
802.11bn UHR320-BF_Nss2,(MCS0)_4TX	4.99

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

Result

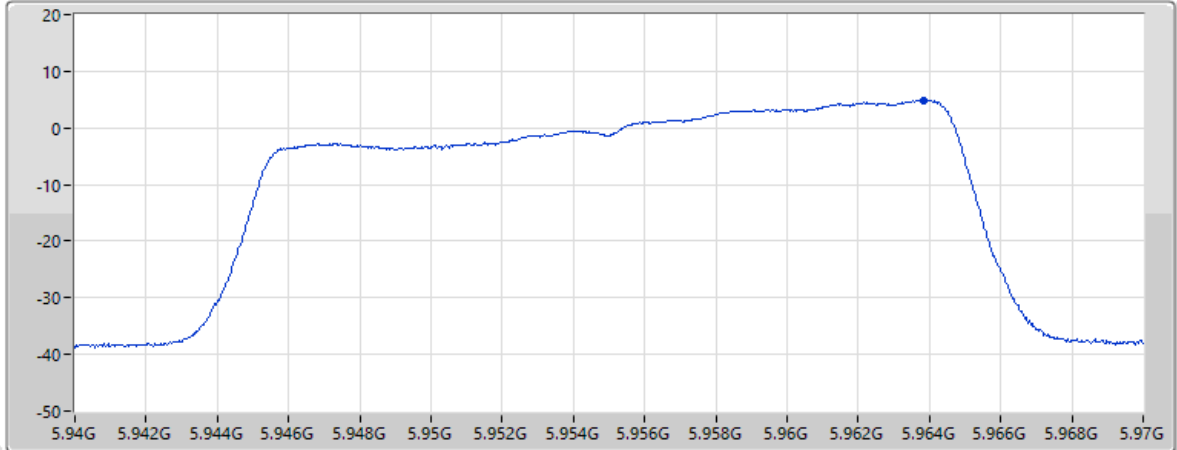
Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	4.89	5.00
6195MHz	Pass	4.83	5.00
6415MHz	Pass	4.64	5.00
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	4.71	5.00
6205MHz	Pass	4.89	5.00
6405MHz	Pass	4.95	5.00
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	4.98	5.00
6225MHz	Pass	4.14	5.00
6385MHz	Pass	4.95	5.00
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	4.98	5.00
6185MHz	Pass	4.90	5.00
6345MHz	Pass	4.93	5.00
802.11bn UHR320-BF_Nss1,(MCS0)_4TX	-	-	-
6105MHz	Pass	4.79	5.00
6265MHz	Pass	4.41	5.00
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	-	-	-
5955MHz	Pass	4.73	5.00
6195MHz	Pass	4.83	5.00
6415MHz	Pass	4.82	5.00
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	-	-	-
5965MHz	Pass	4.90	5.00
6205MHz	Pass	4.45	5.00
6405MHz	Pass	4.72	5.00
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	-	-	-
5985MHz	Pass	4.95	5.00
6225MHz	Pass	4.90	5.00
6385MHz	Pass	4.31	5.00
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	-	-	-
6025MHz	Pass	4.83	5.00
6185MHz	Pass	4.96	5.00
6345MHz	Pass	4.94	5.00
802.11bn UHR320-BF_Nss2,(MCS0)_4TX	-	-	-
6105MHz	Pass	4.96	5.00
6265MHz	Pass	4.99	5.00

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

10/01/2026

EIRP PSD;Band:6.2G;bn20,BF;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



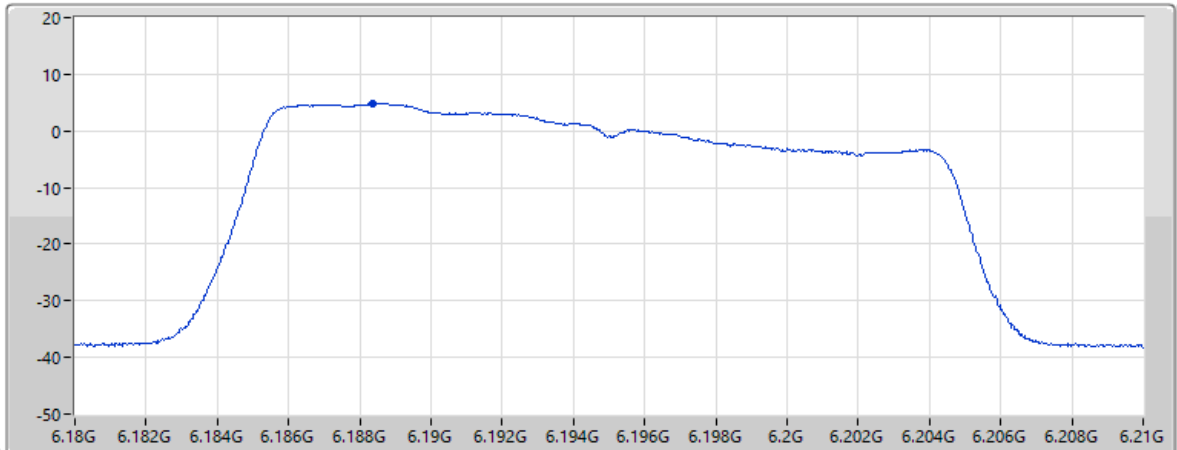
Page 7
Vertical

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
4.89				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-14.16	11.03	7.53	35.00	57.55

10/01/2026

EIRP PSD;Band:6.2G;bn20,BF;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		
4.83				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-14.65	11.08	7.74	35.05	57.87

10/01/2026

EIRP PSD;Band:6.2G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6415MHz;TX

CF Freq
6.415GHz

Span
30MHz

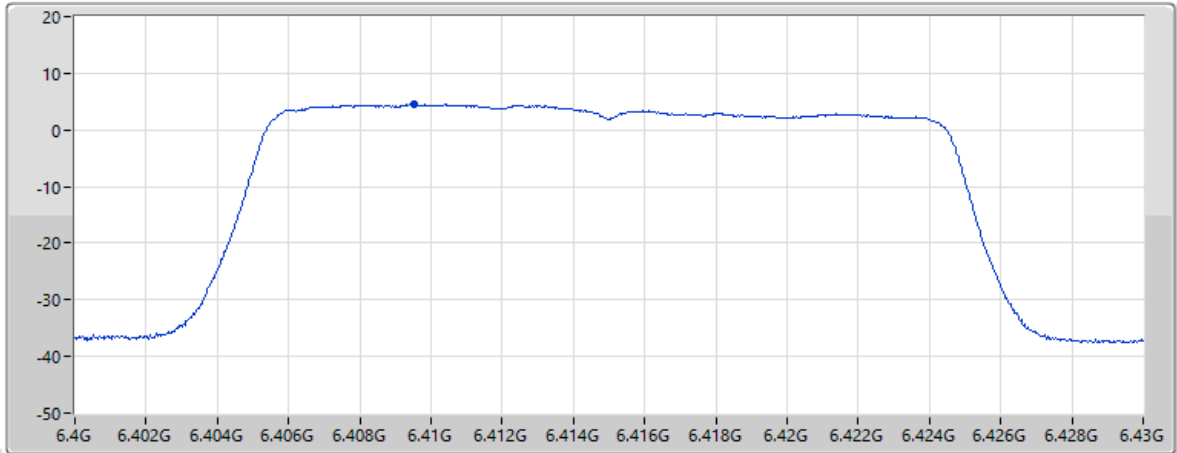
RBW
1MHz

VBW
3MHz

Sweep Time
49.261s

Detector Type
Peak

CP BW
20MHz



Page 7

Vertical

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
4.64		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-14.84	11.54	7.94	35.10	58.18

10/01/2026

EIRP PSD;Band:6.2G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5965MHz;TX

CF Freq
5.965GHz

Span
60MHz

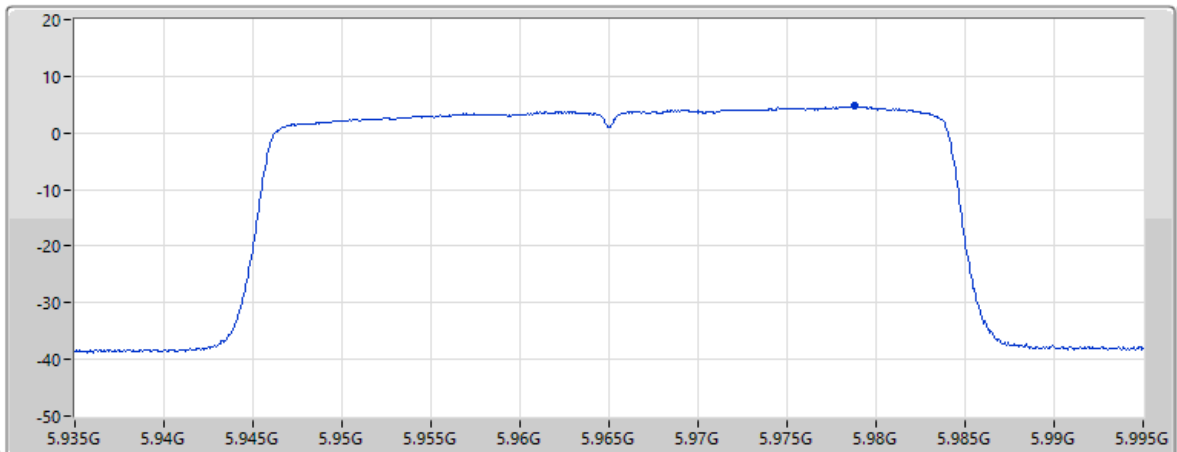
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
40MHz



Page 7

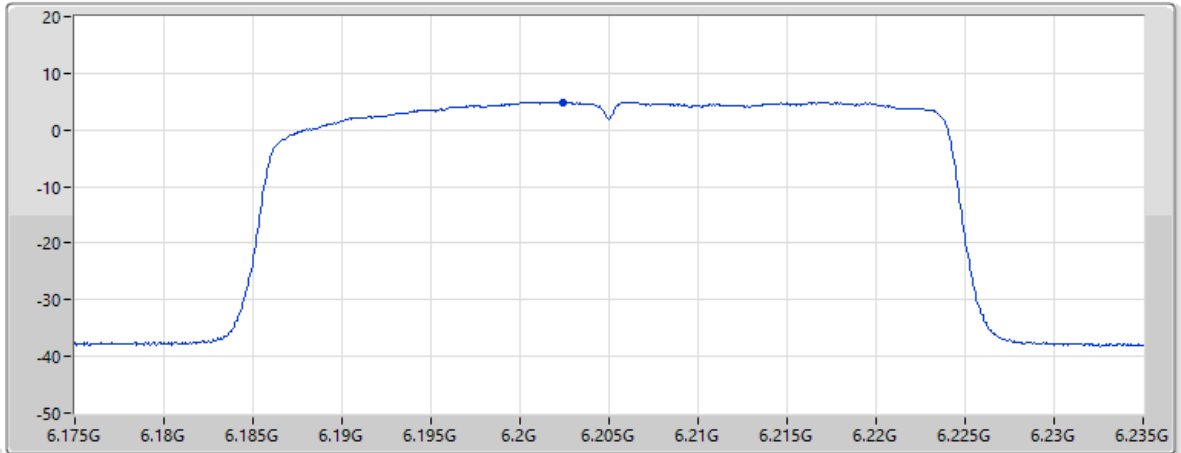
Vertical

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
4.71		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-14.33	11.06	7.53	35.00	57.57

10/01/2026

EIRP PSD;Band:6.2G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6205MHz;TX

CF Freq
6.205GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
49.573s
Detector Type
RMS
CP BW
40MHz



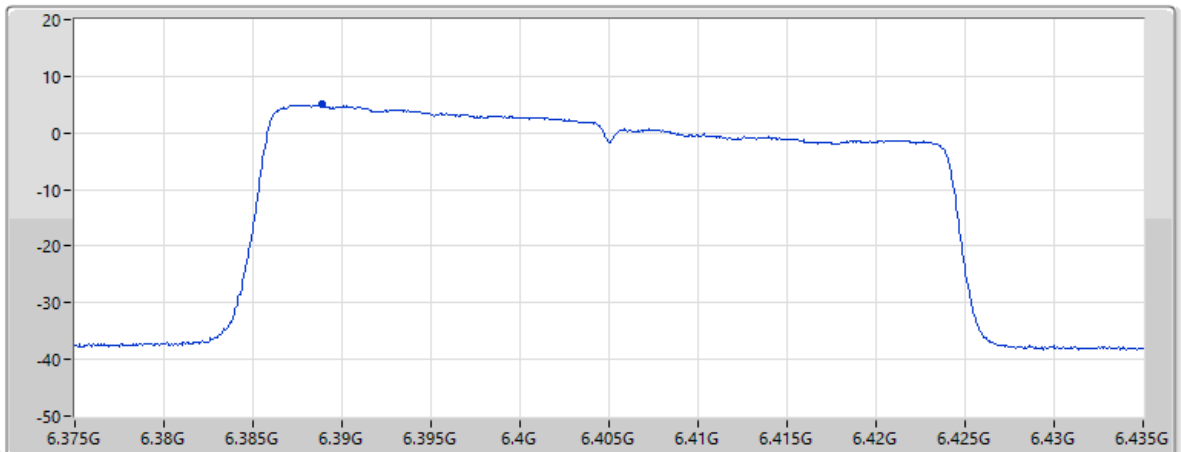
Page 7
Vertical

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
4.89				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-14.59	11.11	7.75	35.05	57.89

10/01/2026

EIRP PSD;Band:6.2G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6405MHz;TX

CF Freq
6.405GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
49.573s
Detector Type
RMS
CP BW
40MHz

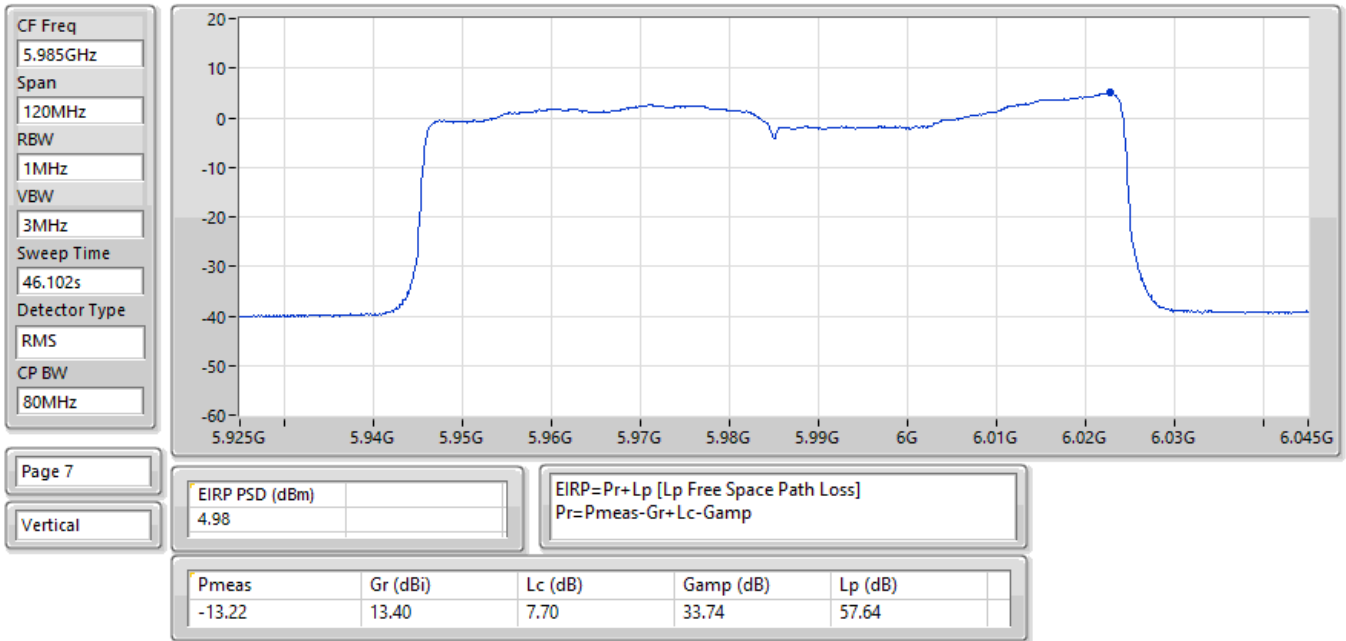


Page 7
Vertical

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
4.95				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-14.52	11.50	7.92	35.10	58.15

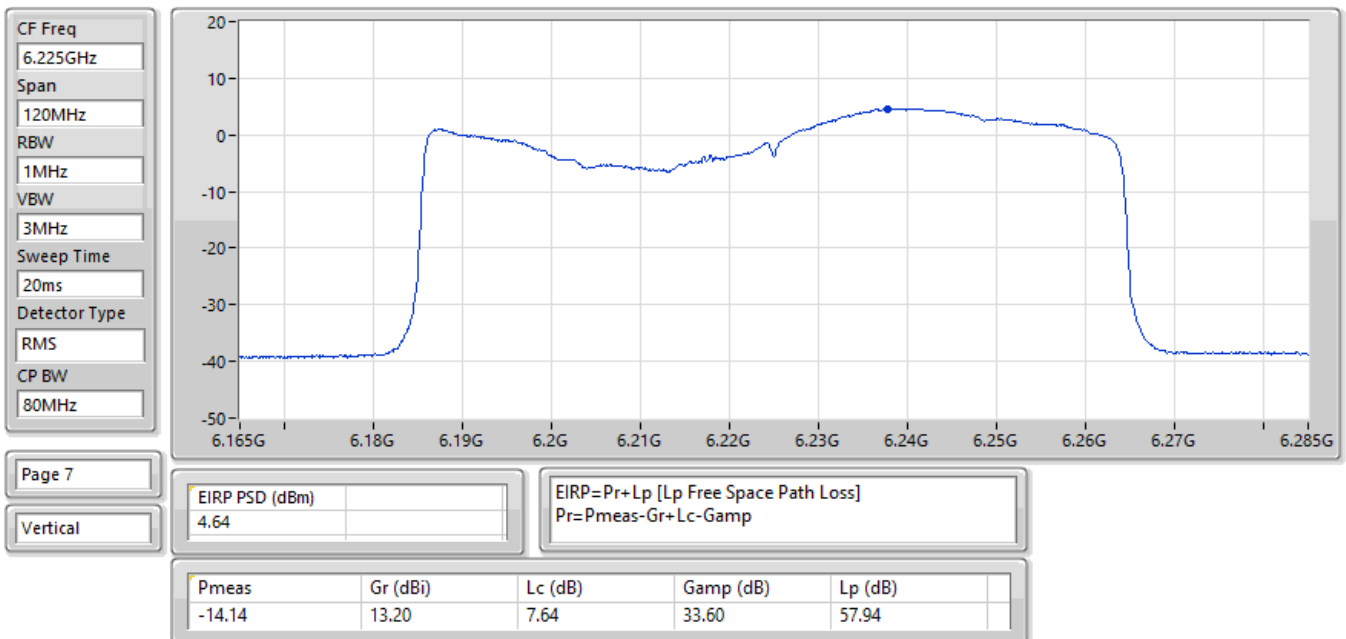
29/12/2025

EIRP PSD;Band:6.2G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:5985MHz;TX



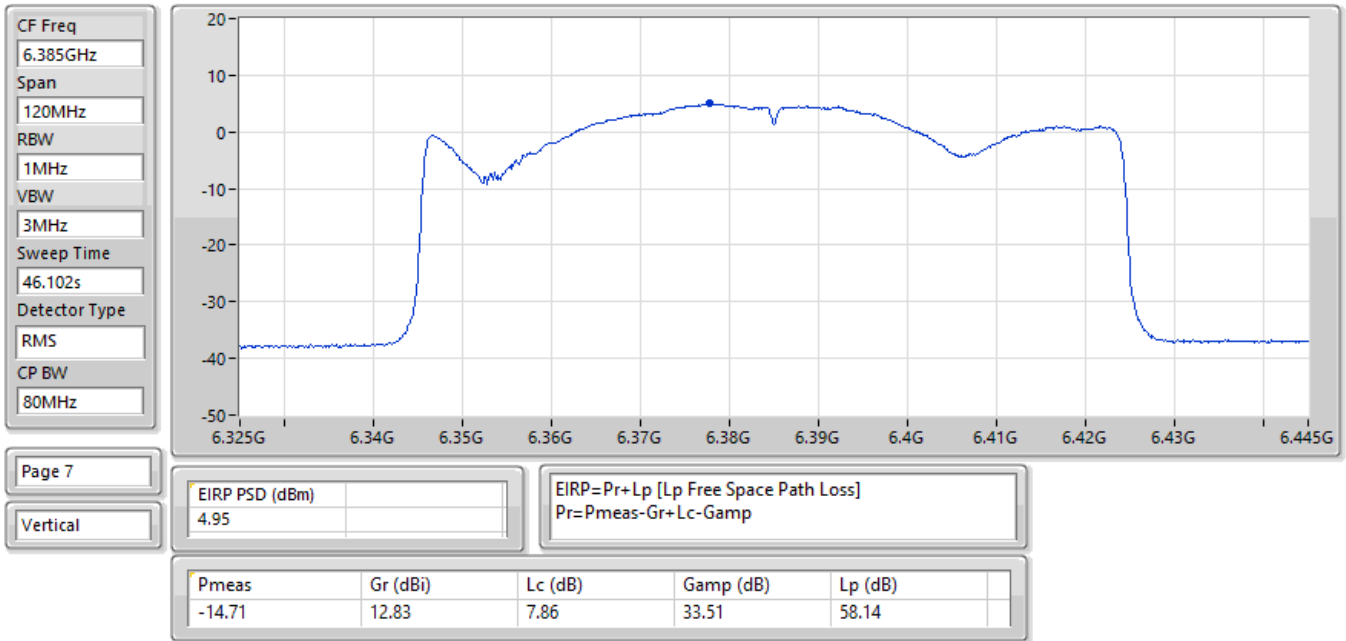
29/12/2025

EIRP PSD;Band:6.2G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6225MHz;TX



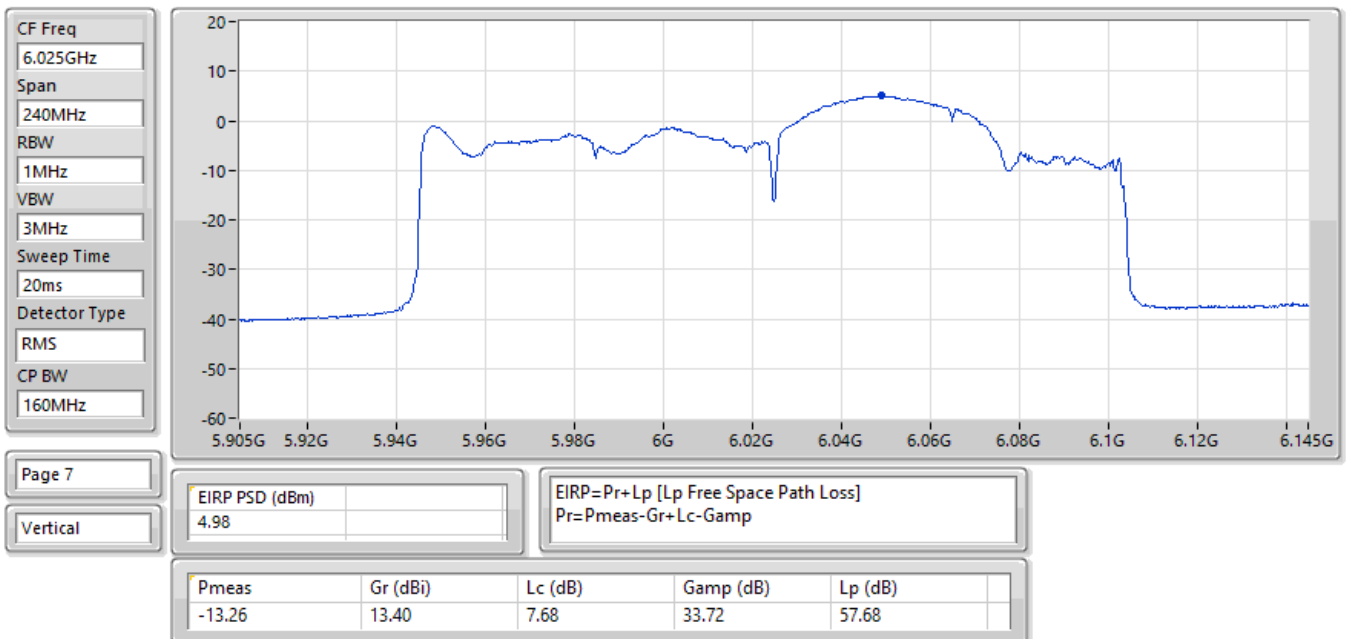
29/12/2025

EIRP PSD;Band:6.2G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6385MHz;TX



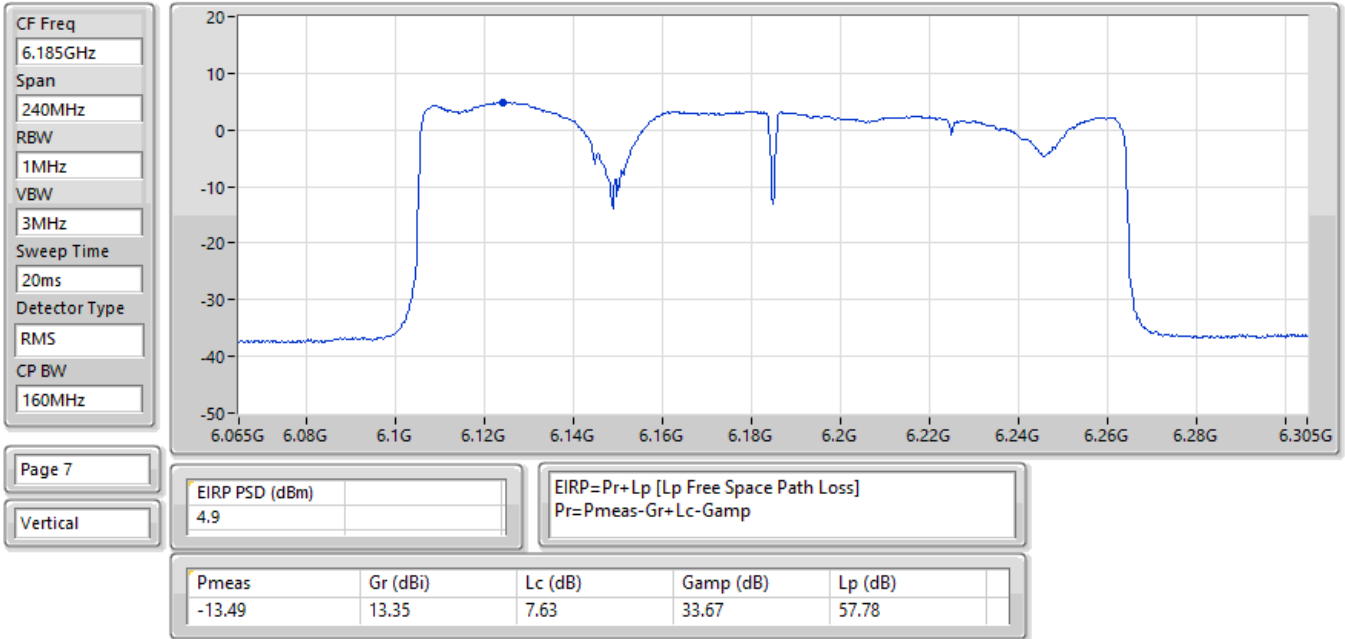
29/12/2025

EIRP PSD;Band:6.2G;bn160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6025MHz;TX



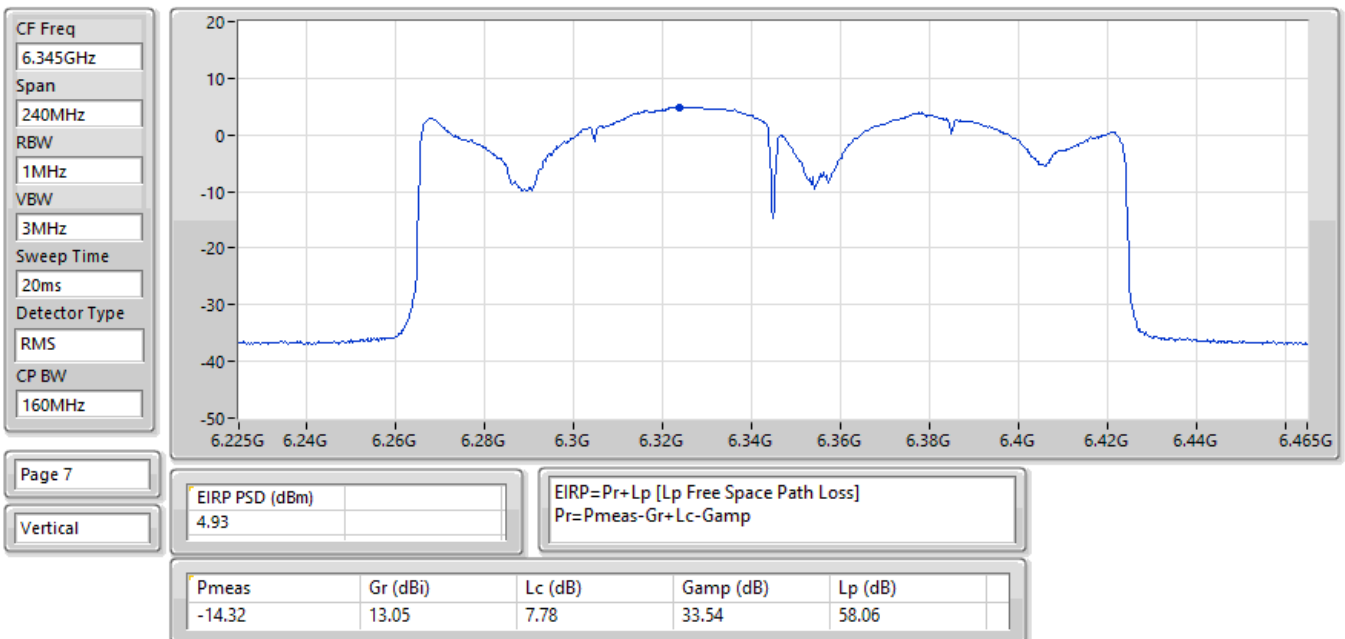
29/12/2025

EIRP PSD;Band:6.2G;bn160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6185MHz;TX



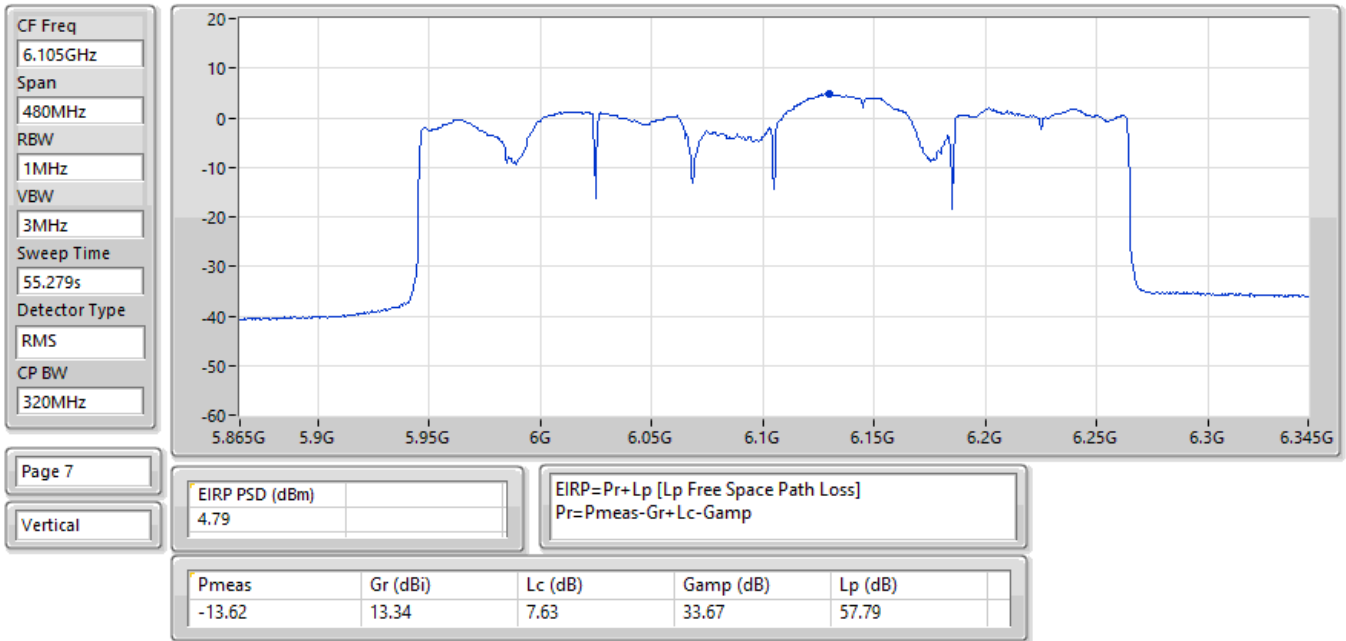
29/12/2025

EIRP PSD;Band:6.2G;bn160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6345MHz;TX



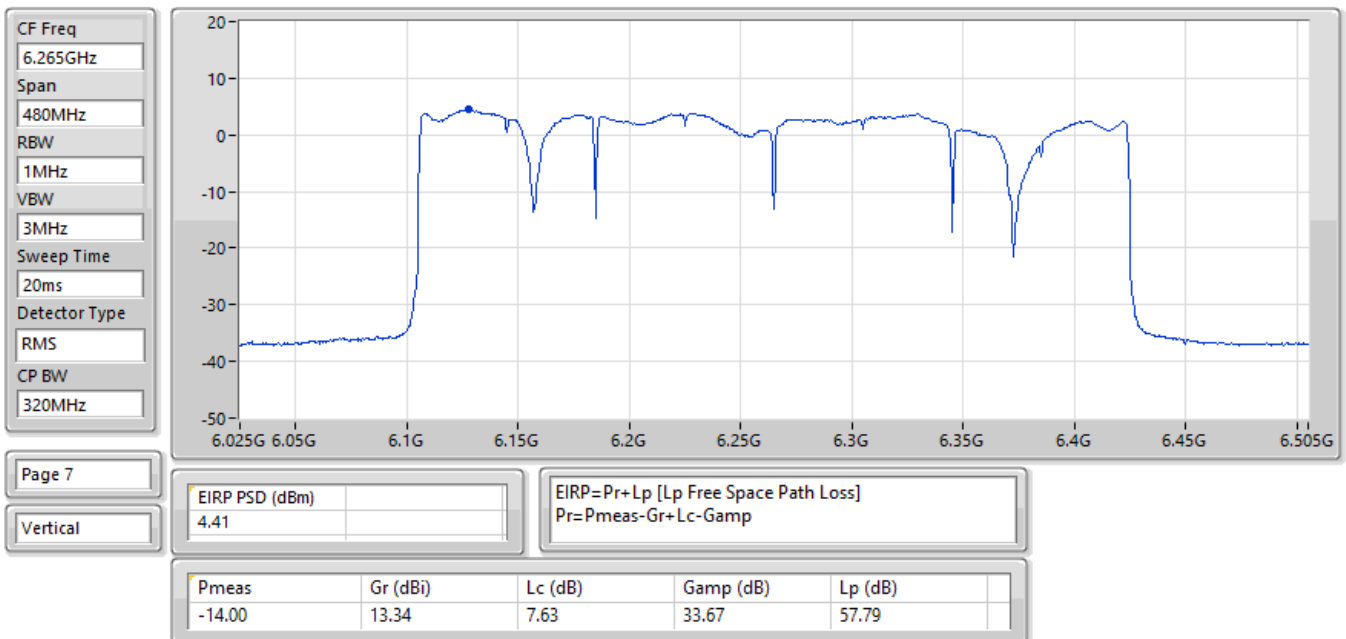
24/12/2025

EIRP PSD;Band:6.2G;bn320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6105MHz;TX



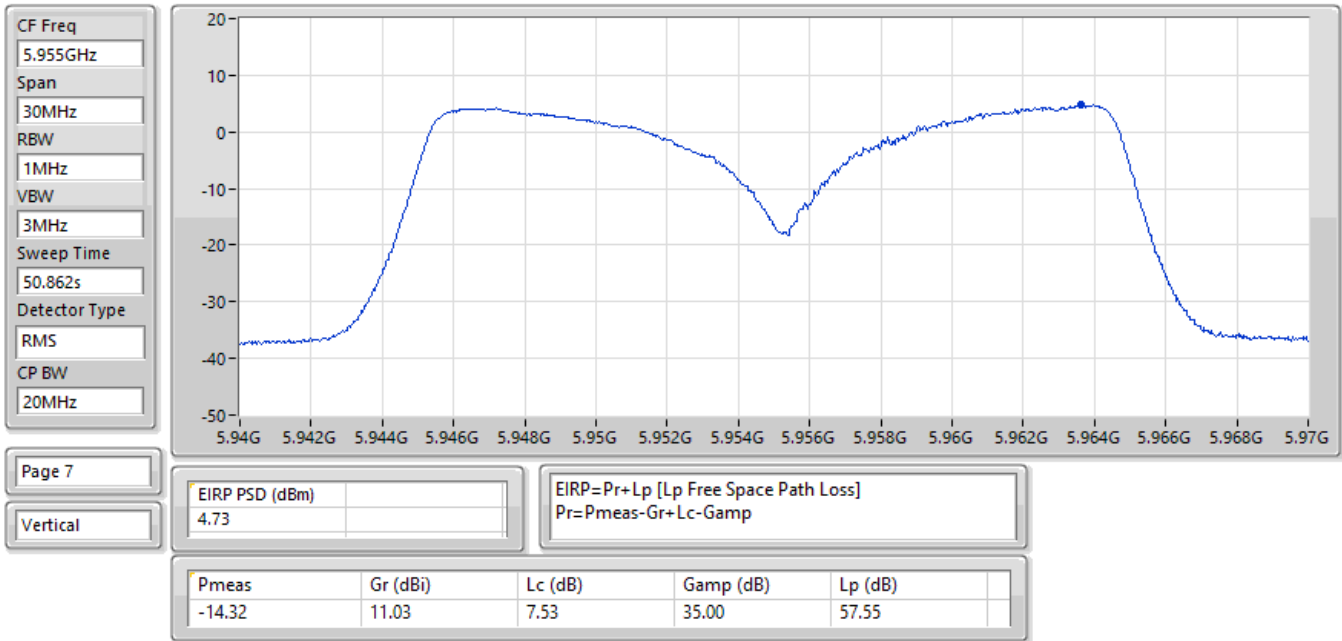
29/12/2025

EIRP PSD;Band:6.2G;bn320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6265MHz;TX



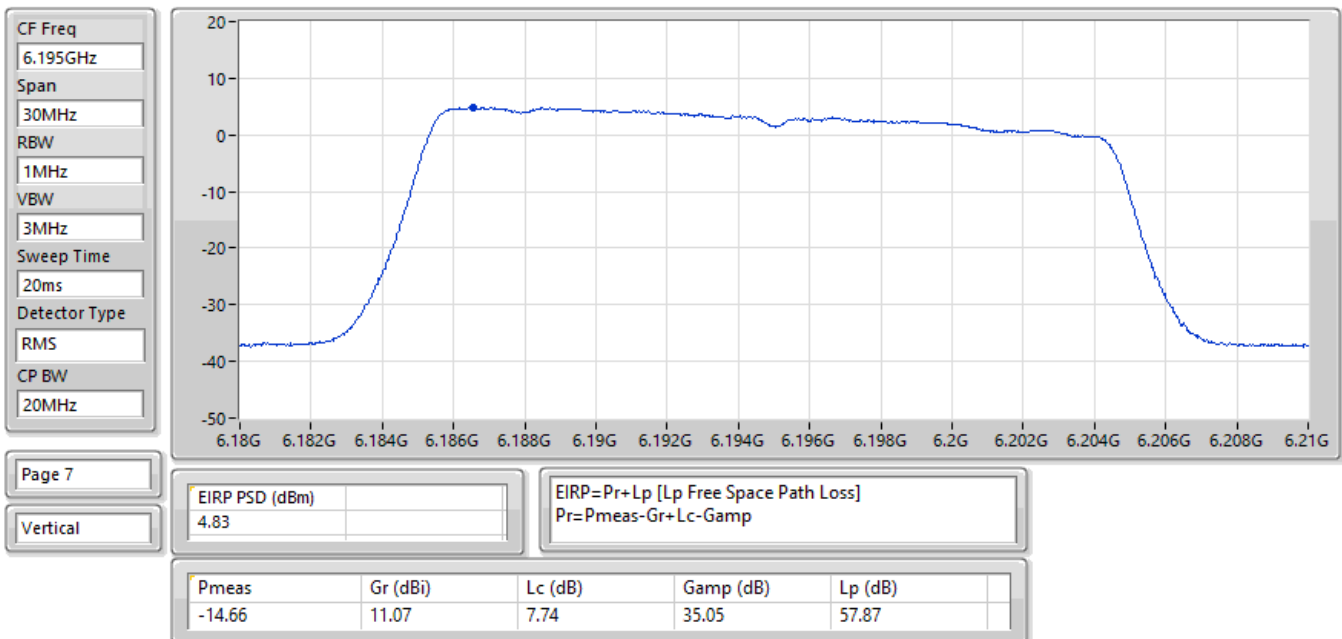
08/01/2026

EIRP PSD;Band:6.2G;bn20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:5955MHz;TX



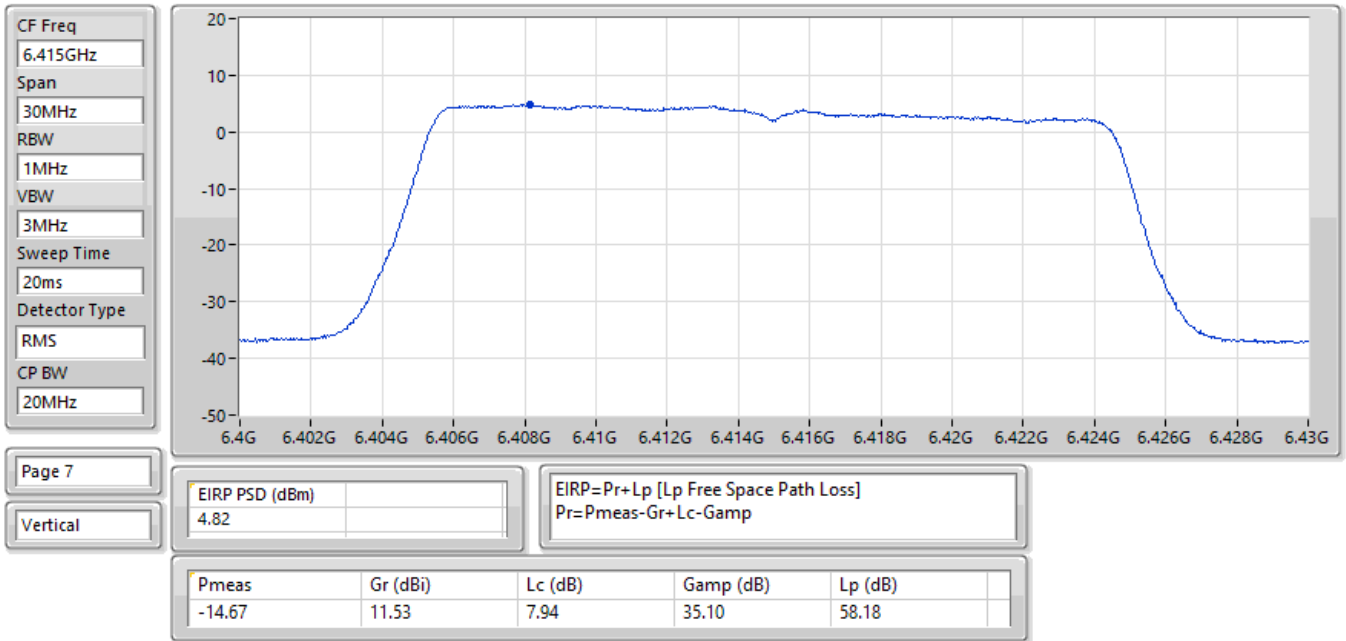
08/01/2026

EIRP PSD;Band:6.2G;bn20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:6195MHz;TX



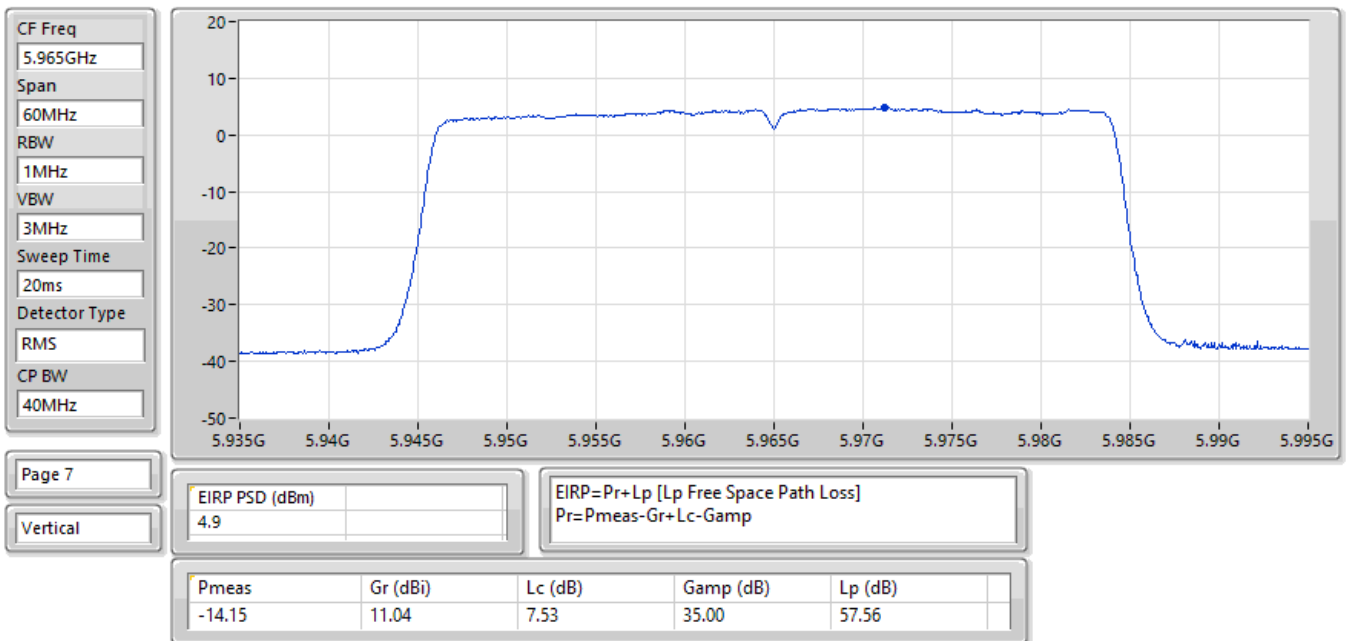
08/01/2026

EIRP PSD;Band:6.2G;bn20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:6415MHz;TX



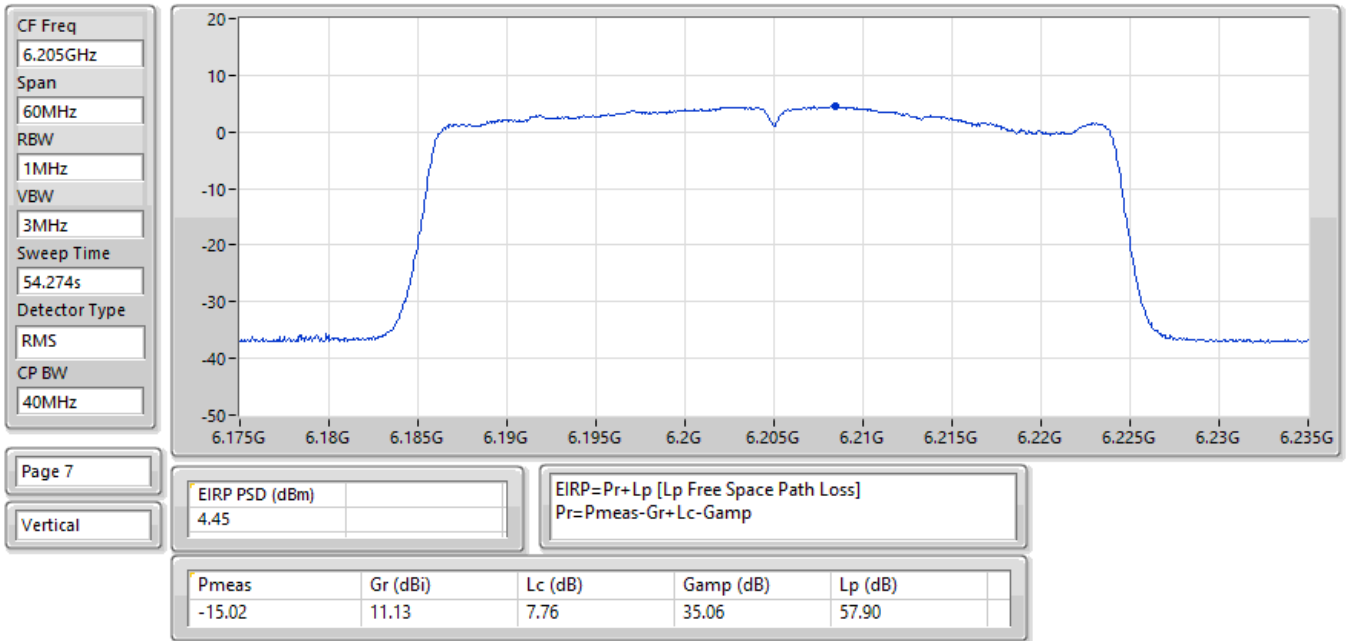
08/01/2026

EIRP PSD;Band:6.2G;bn40,BF;BWch:40MHz;Nss:2,(M0);Nant:4;Ch:5965MHz;TX



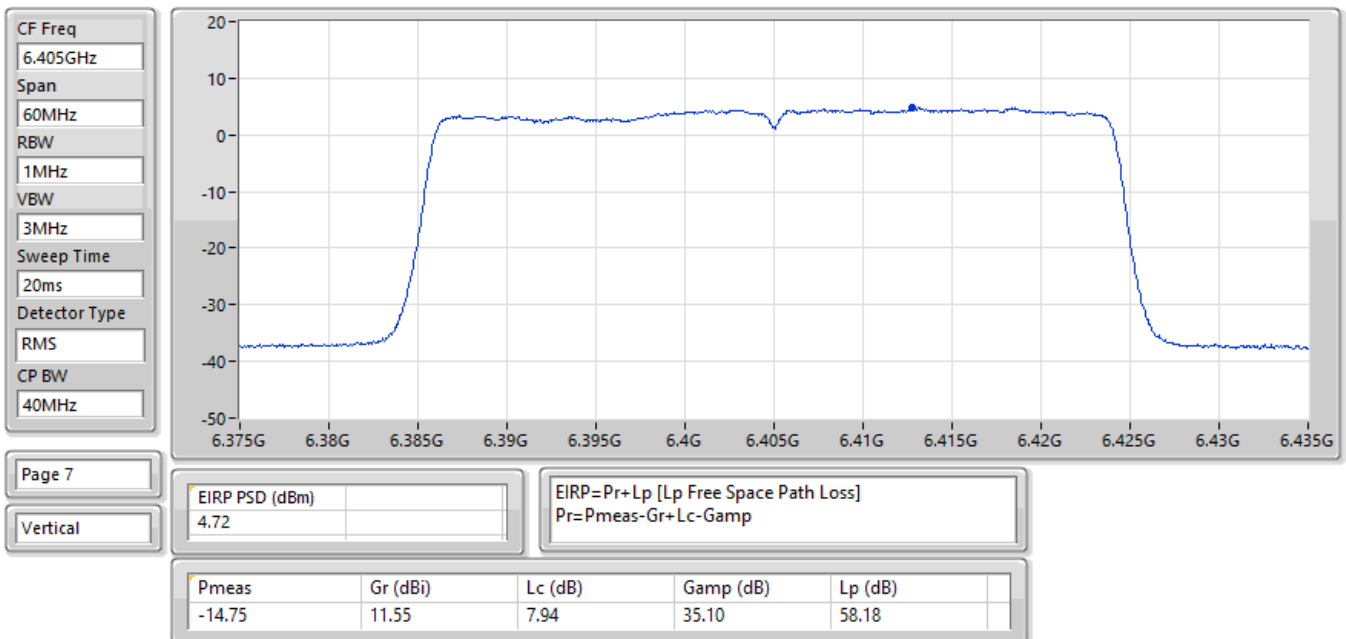
09/02/2026

EIRP PSD;Band:6.2G;bn40,BF;BWch:40MHz;Nss:2,(M0);Nant:4;Ch:6205MHz;TX



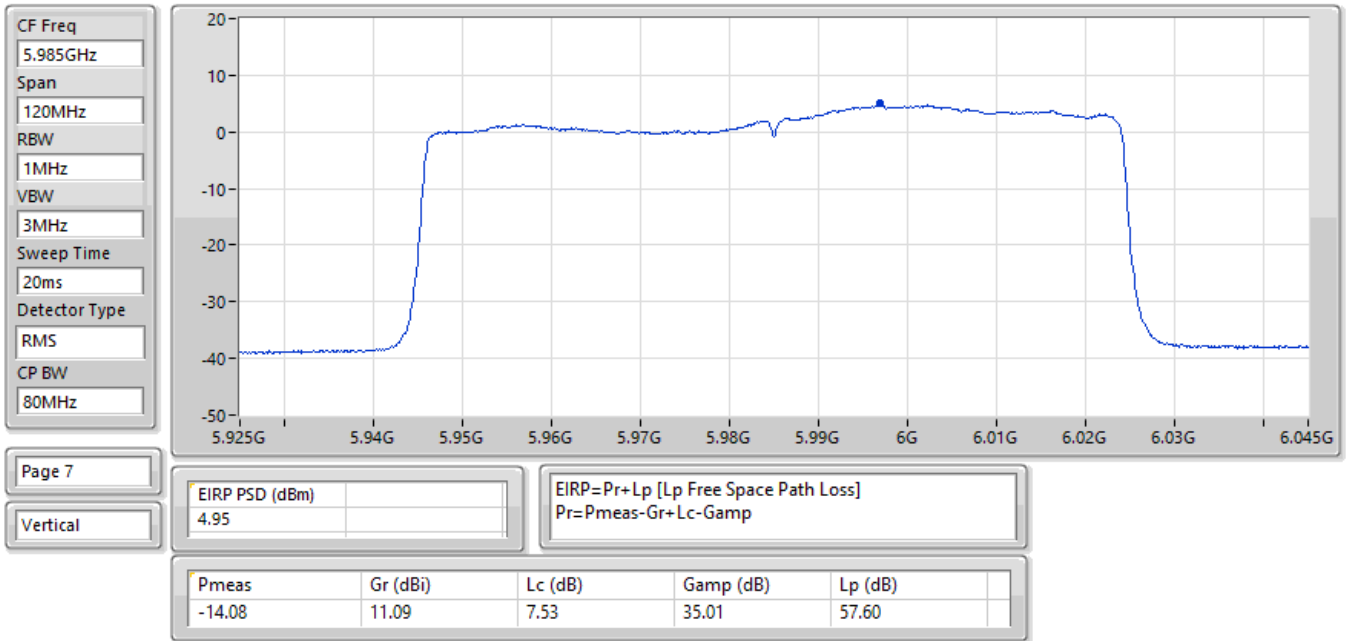
08/01/2026

EIRP PSD;Band:6.2G;bn40,BF;BWch:40MHz;Nss:2,(M0);Nant:4;Ch:6405MHz;TX



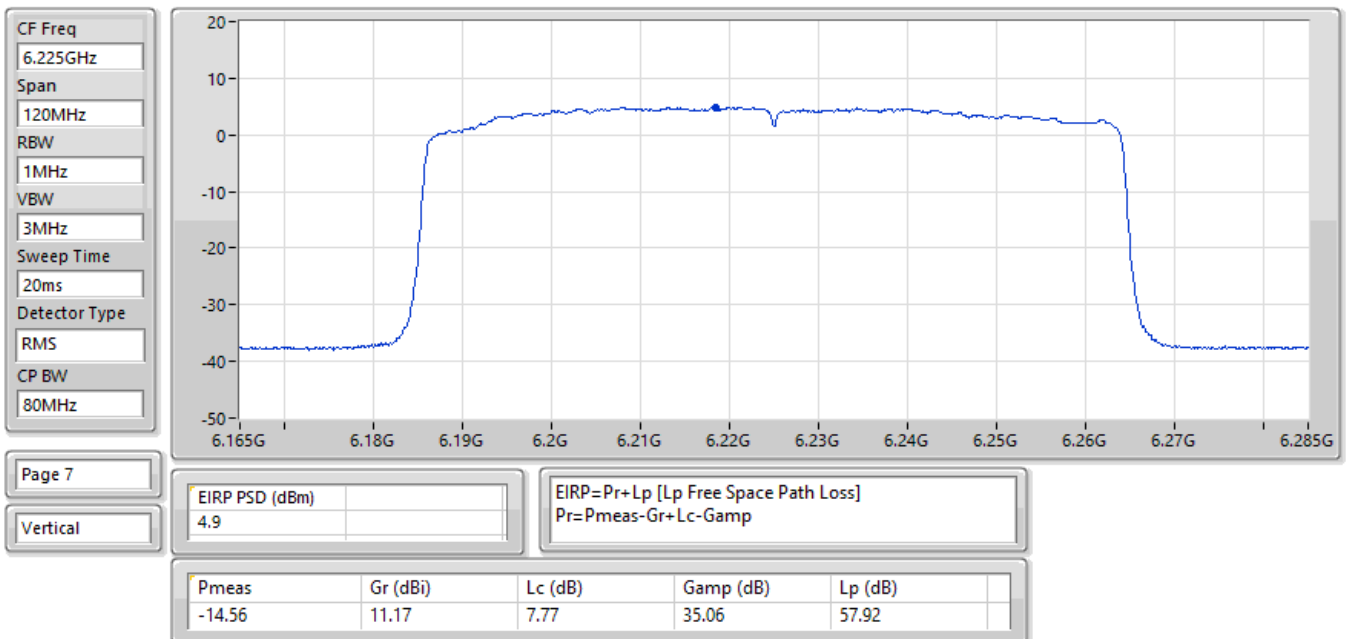
08/01/2026

EIRP PSD;Band:6.2G;bn80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:5985MHz;TX



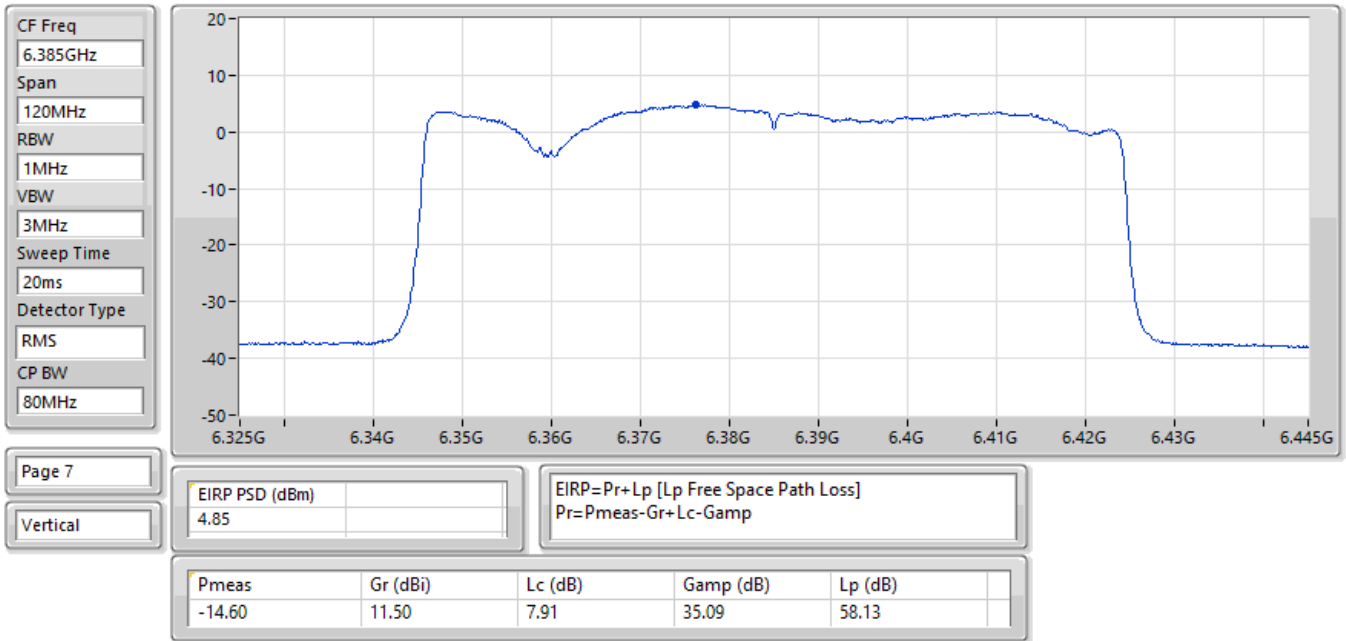
08/01/2026

EIRP PSD;Band:6.2G;bn80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:6225MHz;TX



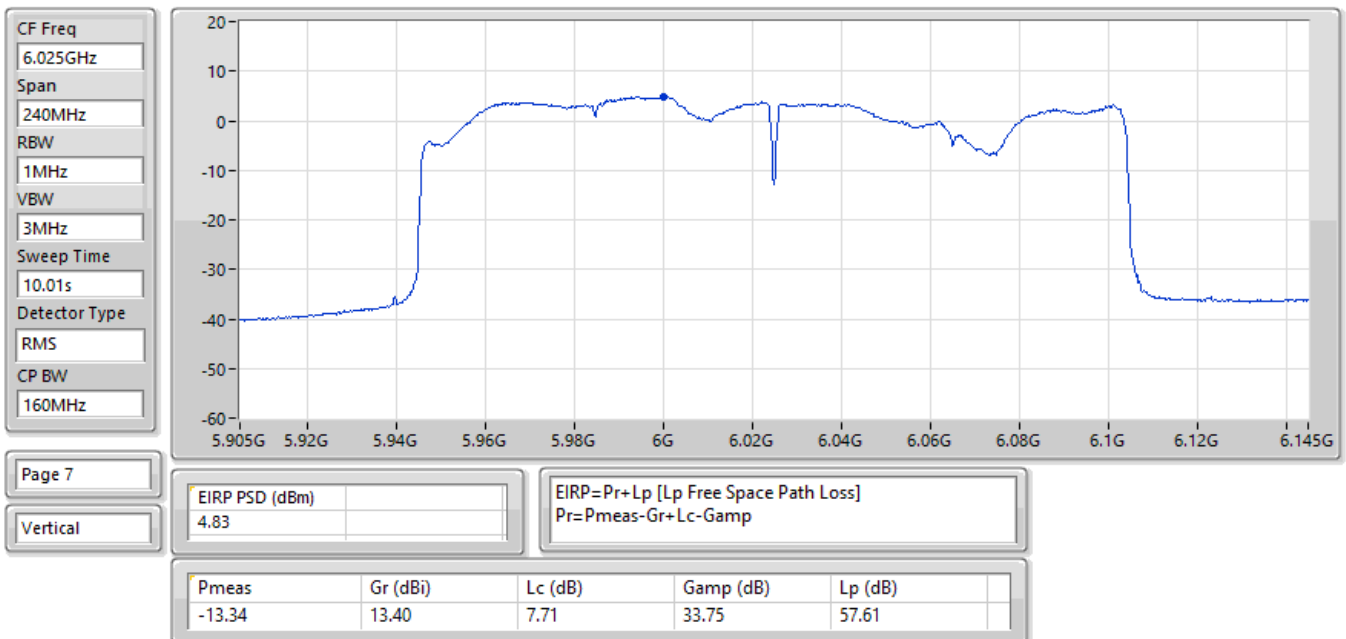
08/01/2026

EIRP PSD;Band:6.2G;bn80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:6385MHz;TX



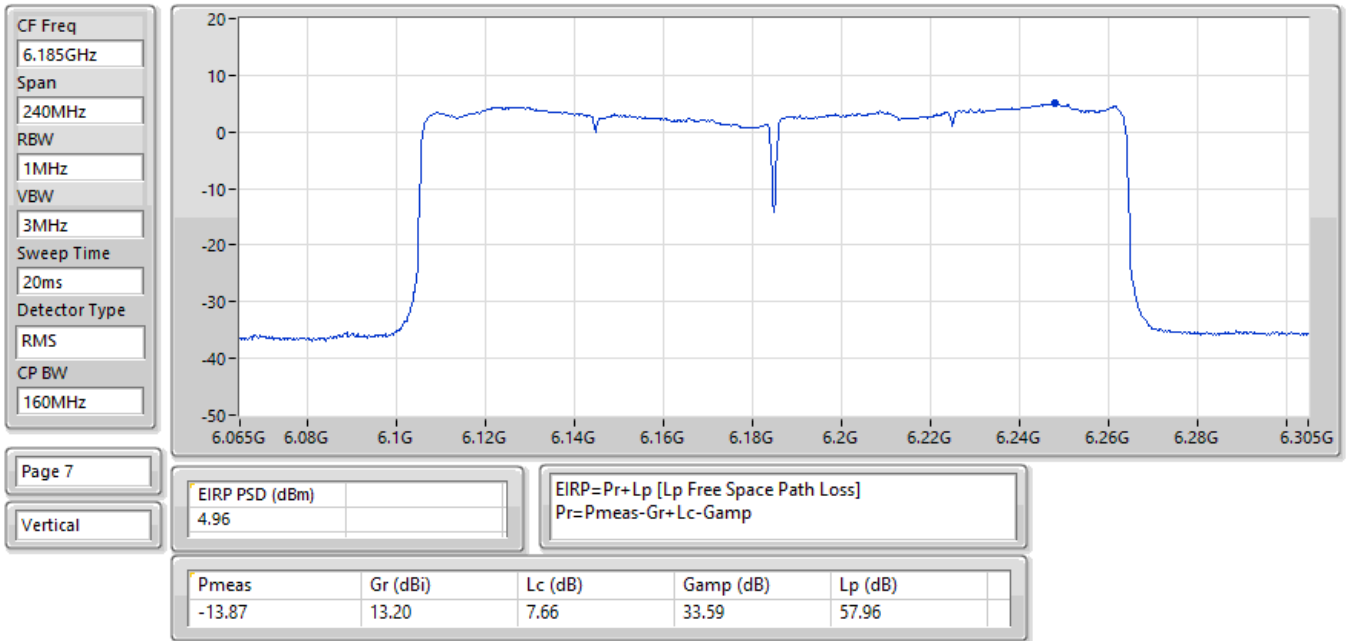
31/12/2025

EIRP PSD;Band:6.2G;bn160,BF;BWch:160MHz;Nss:2,(M0);Nant:4;Ch:6025MHz;TX



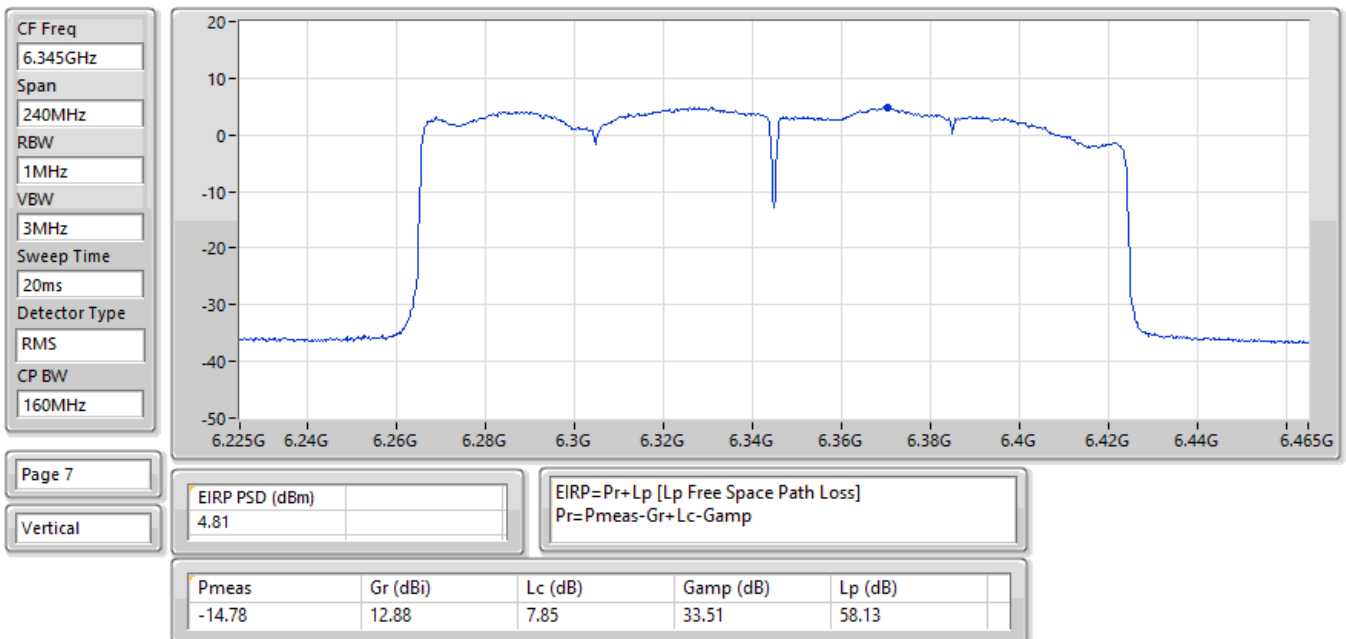
31/12/2025

EIRP PSD;Band:6.2G;bn160,BF;BWch:160MHz;Nss:2,(M0);Nant:4;Ch:6185MHz;TX



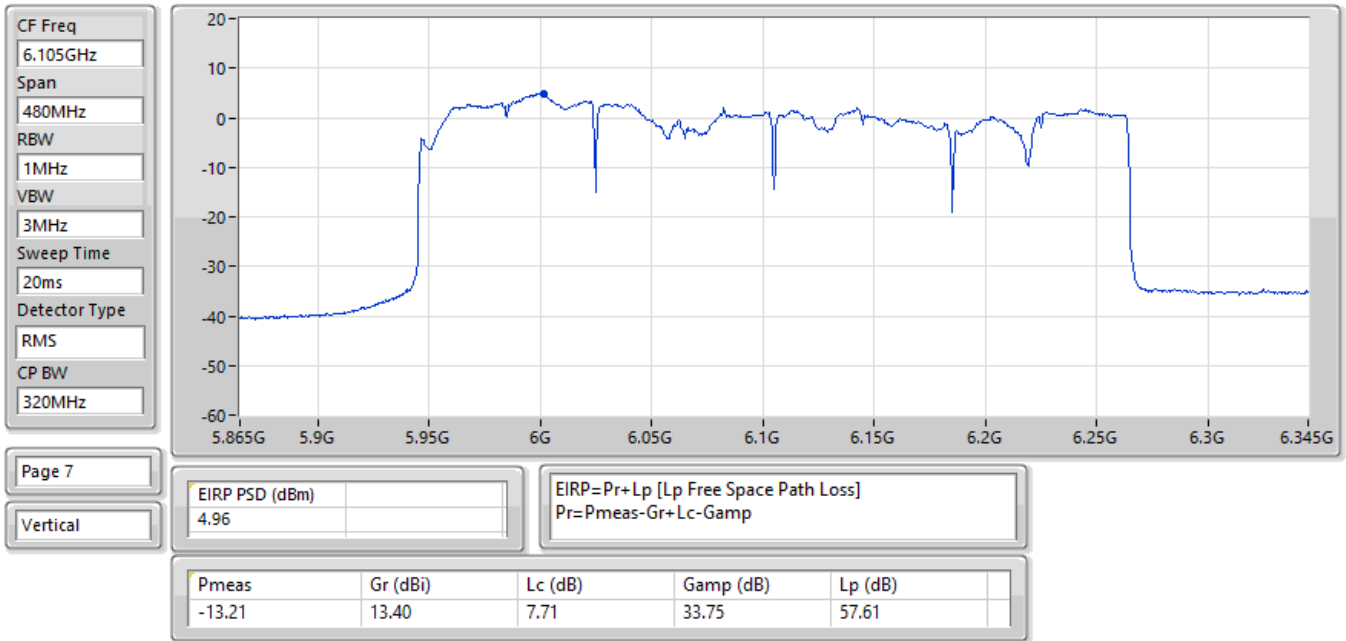
31/12/2025

EIRP PSD;Band:6.2G;bn160,BF;BWch:160MHz;Nss:2,(M0);Nant:4;Ch:6345MHz;TX



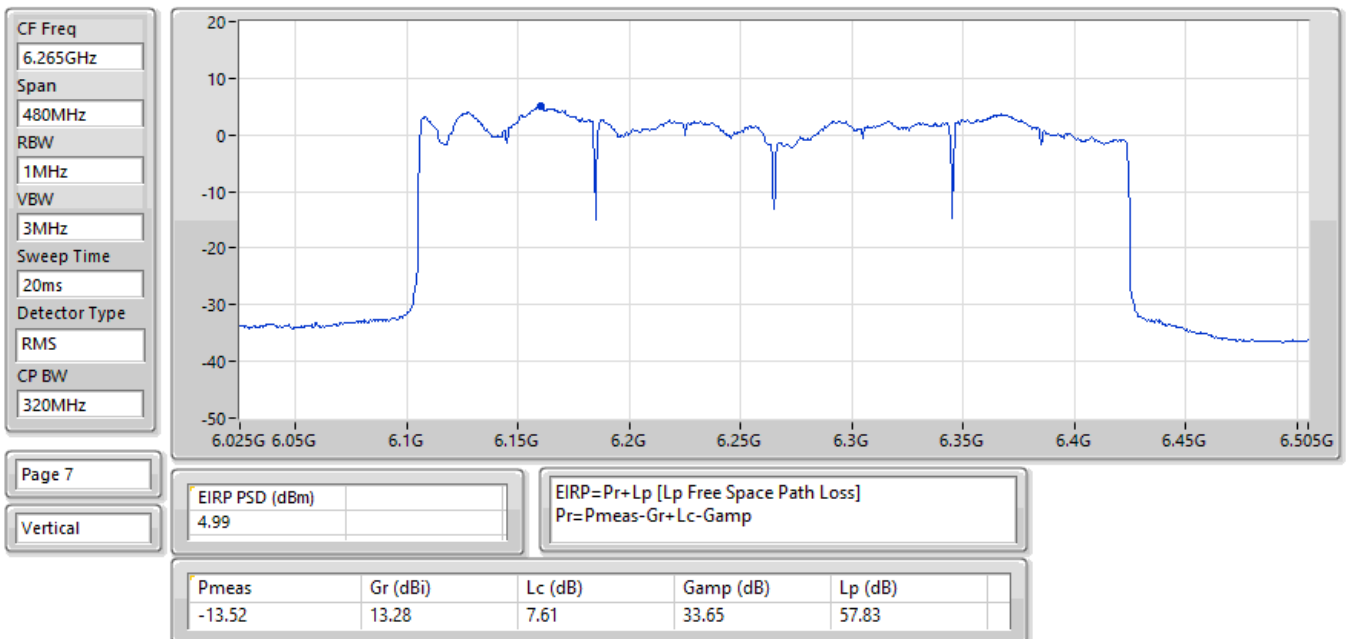
31/12/2025

EIRP PSD;Band:6.2G;bn320,BF;BWch:320MHz;Nss:2,(M0);Nant:4;Ch:6105MHz;TX



31/12/2025

EIRP PSD;Band:6.2G;bn320,BF;BWch:320MHz;Nss:2,(M0);Nant:4;Ch:6265MHz;TX





Radiated PSD_Mode 3

Appendix D.3

Summary

Mode	EIRP PD (dBm/RBW)
6.525-6.875GHz	-
802.11a_Nss1,(6Mbps)_4TX	4.96
6.875-7.125GHz	-
802.11a_Nss1,(6Mbps)_4TX	4.97

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

**Result**

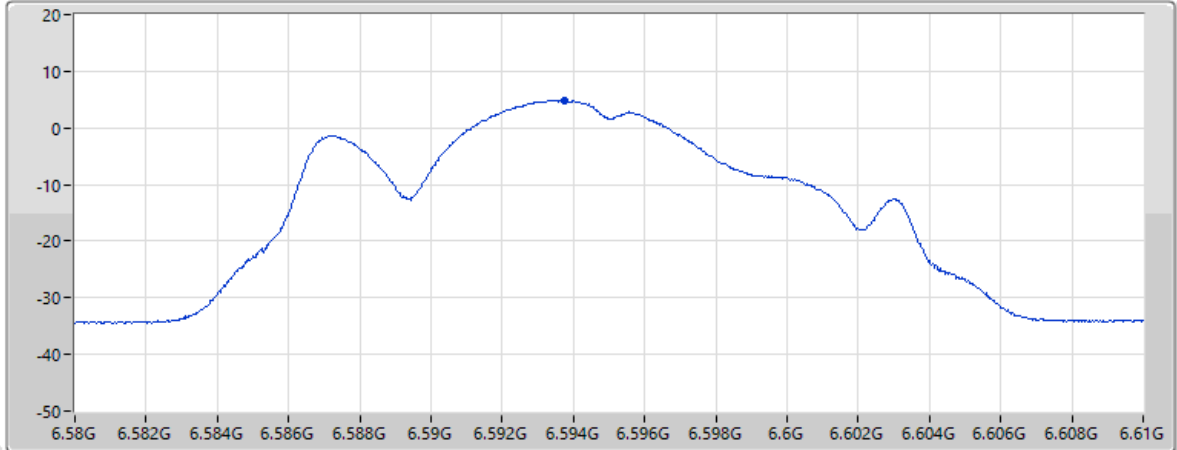
Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-
6595MHz	Pass	4.86	5.00
6695MHz	Pass	4.83	5.00
6875MHz	Pass	4.96	5.00
6895MHz	Pass	4.83	5.00
6995MHz	Pass	4.97	5.00
7095MHz	Pass	4.89	5.00

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

16/01/2026

EIRP PSD;Band:6.7G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6595MHz;TX

CF Freq
6.595GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



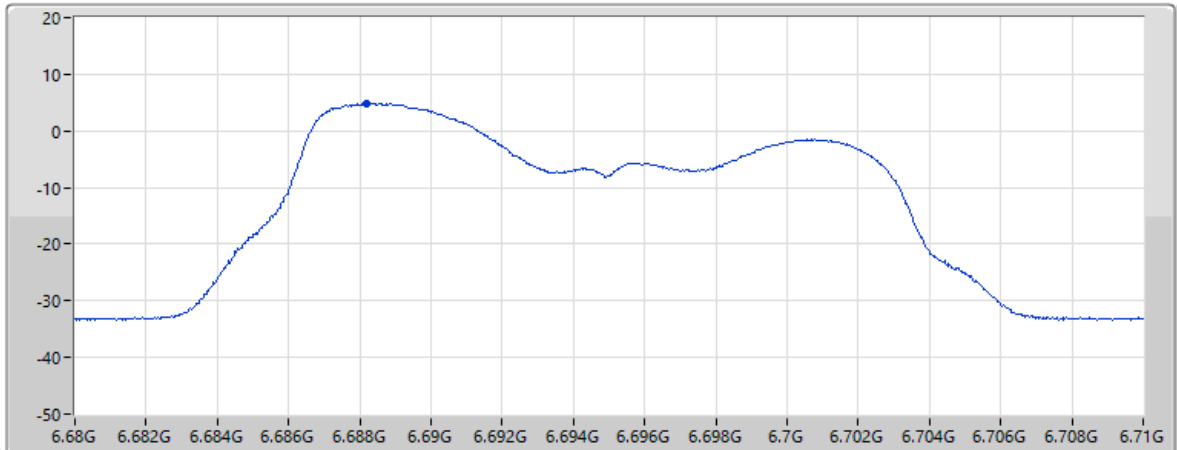
Page 7
Vertical

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
4.86		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-19.84	11.91	8.62	30.44	58.43

16/01/2026

EIRP PSD;Band:6.7G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6695MHz;TX

CF Freq
6.695GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



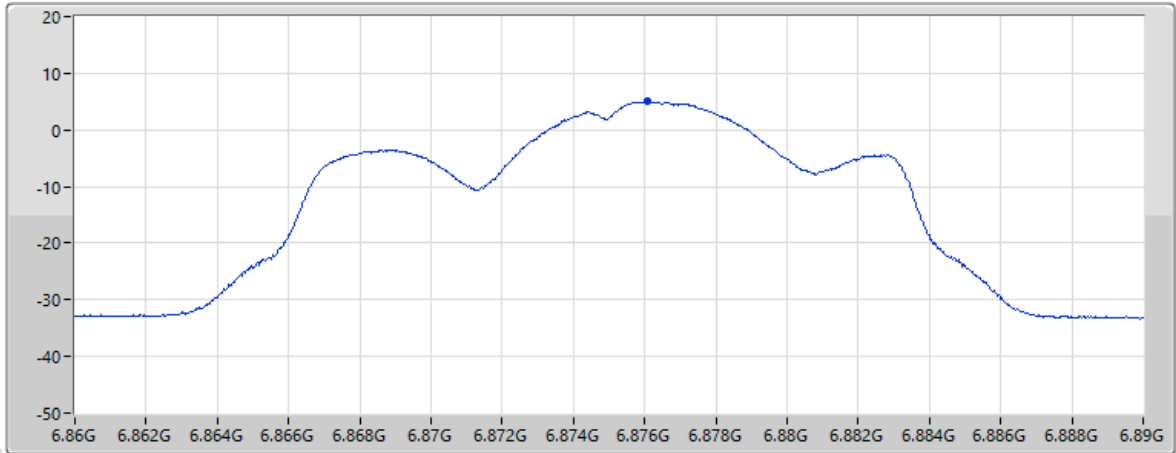
Page 7
Vertical

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
4.83		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-20.38	11.62	8.82	30.54	58.55

16/01/2026

EIRP PSD;Band:6.7G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6875MHz;TX

CF Freq
6.875GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



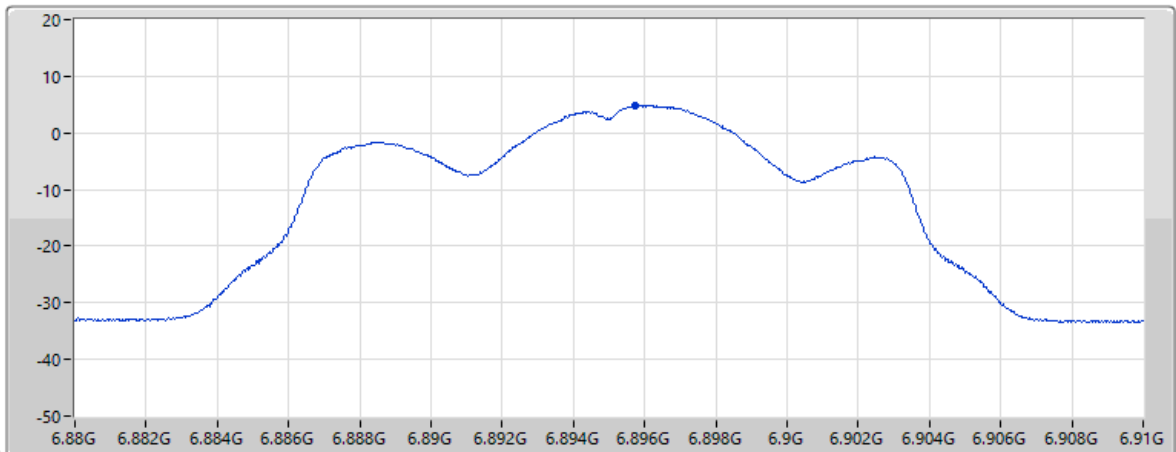
Page 7
Vertical

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
4.96				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-20.49	11.60	9.01	30.75	58.79

16/01/2026

EIRP PSD;Band:7.0G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6895MHz;TX

CF Freq
6.895GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz

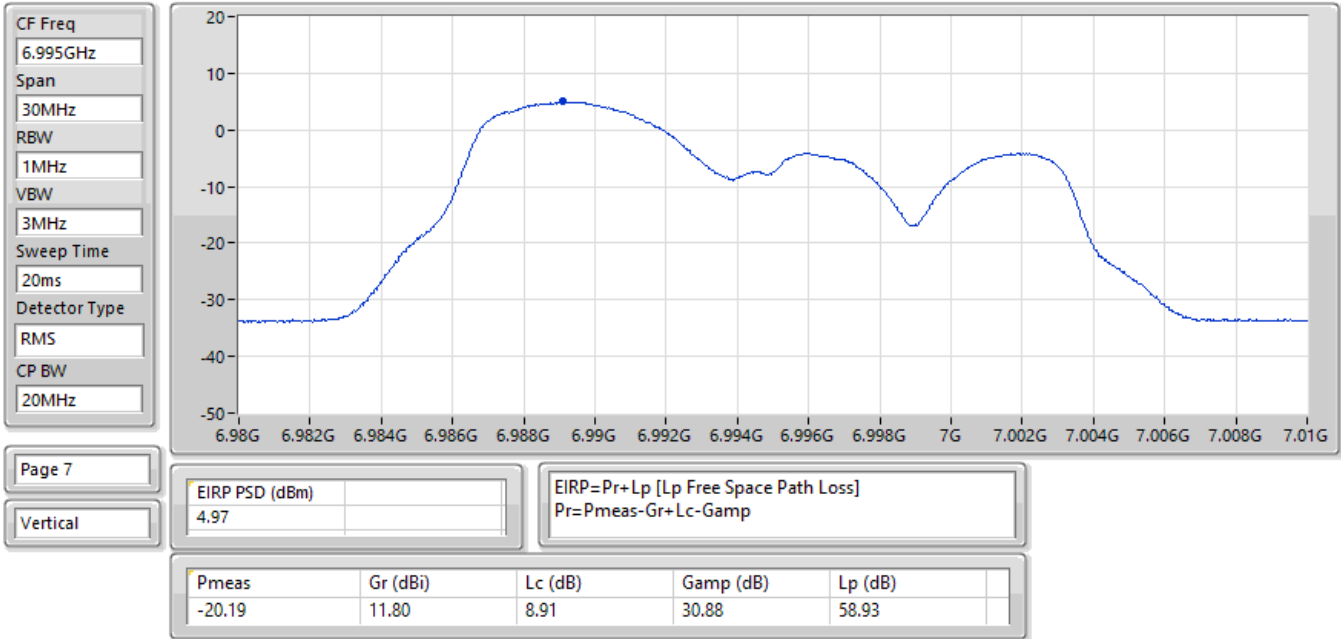


Page 7
Vertical

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)
-20.52	11.68	8.99	30.77	58.81

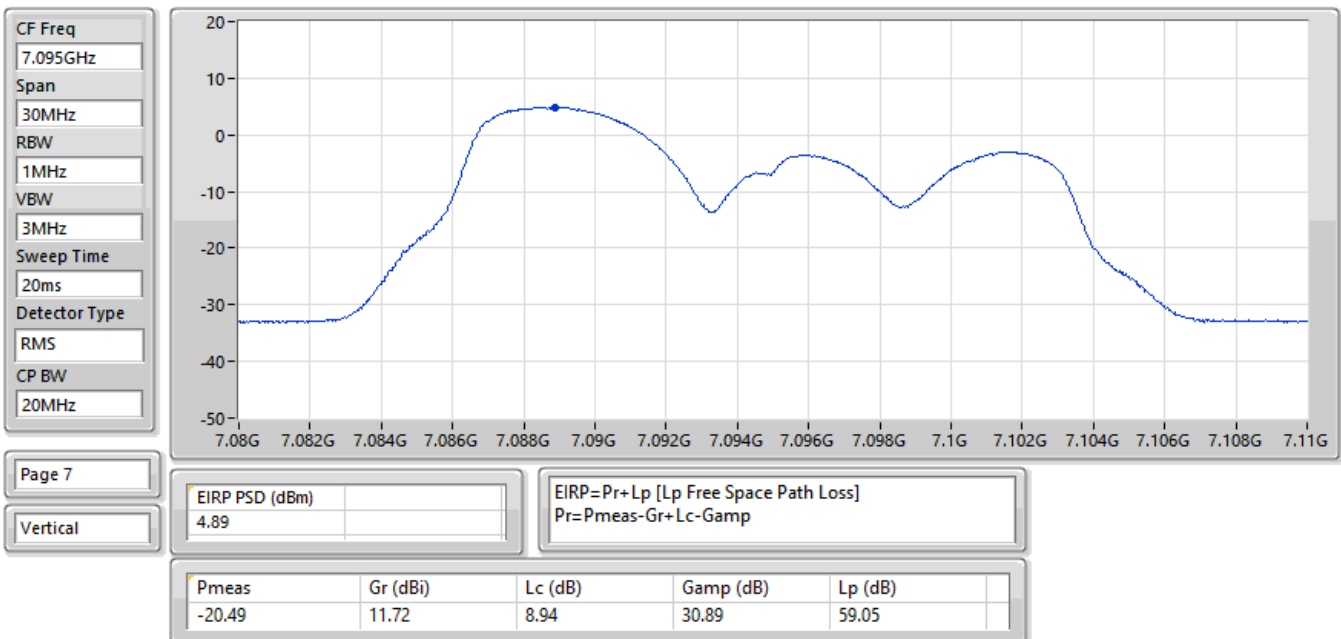
16/01/2026

EIRP PSD;Band:7.0G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6995MHz;TX



16/01/2026

EIRP PSD;Band:7.0G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:7095MHz;TX



Summary

Mode	EIRP PD (dBm/RBW)
6.525-6.875GHz	-
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	4.88
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	4.89
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	4.98
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	4.92
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	4.95
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	4.91
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	4.86
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	4.89
802.11bn UHR320-BF_Nss1,(MCS0)_4TX	4.98
802.11bn UHR320-BF_Nss2,(MCS0)_4TX	4.83
6.875-7.125GHz	-
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	4.93
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	4.71
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	4.98
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	4.88
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	2.09
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	3.79
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	4.35
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	4.25

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

Result

Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	-	-	-
6595MHz	Pass	4.87	5.00
6695MHz	Pass	4.88	5.00
6875MHz	Pass	4.87	5.00
6895MHz	Pass	4.46	5.00
6995MHz	Pass	4.93	5.00
7095MHz	Pass	4.65	5.00
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	-	-	-
6605MHz	Pass	4.92	5.00
6685MHz	Pass	4.98	5.00
6885MHz	Pass	4.57	5.00
6925MHz	Pass	4.60	5.00
7005MHz	Pass	4.98	5.00
7085MHz	Pass	4.85	5.00
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	-	-	-
6625MHz	Pass	3.72	5.00
6705MHz	Pass	4.46	5.00
6785MHz	Pass	4.95	5.00
6865MHz	Pass	3.27	5.00
6945MHz	Pass	2.09	5.00
7025MHz	Pass	1.50	5.00
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	-	-	-
6665MHz	Pass	4.86	5.00
6825MHz	Pass	4.67	5.00
6985MHz	Pass	4.35	5.00
802.11bn UHR320-BF_Nss1,(MCS0)_4TX	-	-	-
6745MHz	Pass	4.36	5.00
6905MHz	Pass	4.98	5.00
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	-	-	-
6595MHz	Pass	4.73	5.00
6695MHz	Pass	4.88	5.00
6875MHz	Pass	4.89	5.00
6895MHz	Pass	4.71	5.00
6995MHz	Pass	4.56	5.00
7095MHz	Pass	4.60	5.00
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	-	-	-
6605MHz	Pass	4.80	5.00
6685MHz	Pass	4.30	5.00
6885MHz	Pass	4.92	5.00
6925MHz	Pass	3.08	5.00
7005MHz	Pass	4.88	5.00
7085MHz	Pass	4.76	5.00
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	-	-	-
6625MHz	Pass	4.91	5.00
6705MHz	Pass	4.54	5.00
6785MHz	Pass	4.80	5.00
6865MHz	Pass	3.68	5.00
6945MHz	Pass	3.33	5.00
7025MHz	Pass	3.79	5.00
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	-	-	-
6665MHz	Pass	4.70	5.00
6825MHz	Pass	4.89	5.00
6985MHz	Pass	4.25	5.00
802.11bn UHR320-BF_Nss2,(MCS0)_4TX	-	-	-
6745MHz	Pass	4.83	5.00



Radiated PSD_Mode 4

Appendix D.4

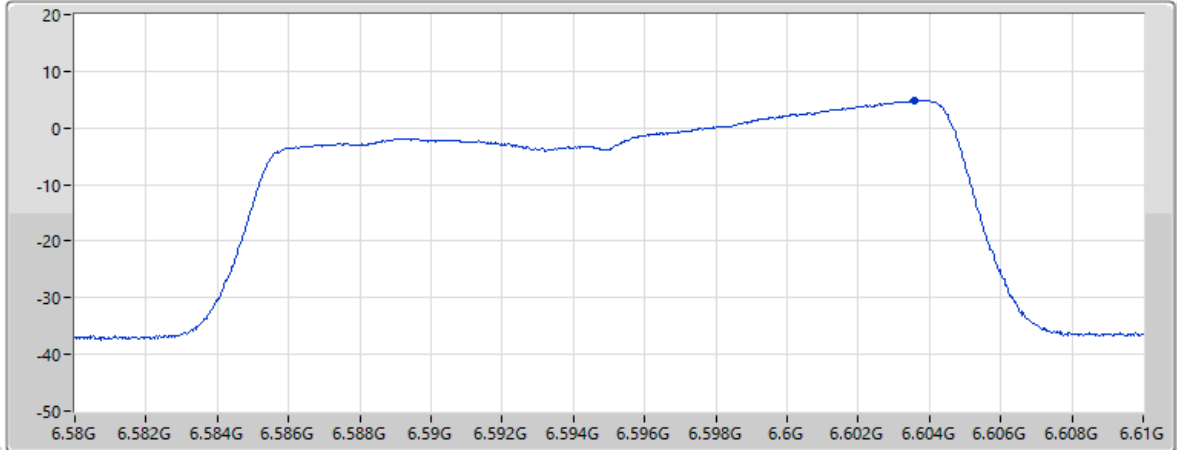
Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
6905MHz	Pass	4.75	5.00

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

10/01/2026

EIRP PSD;Band:6.7G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6595MHz;TX

CF Freq
6.595GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
49.417s
Detector Type
RMS
CP BW
20MHz



Page 7
Vertical

EIRP PSD (dBm)

4.87

EIRP=Pr+Lp [Lp Free Space Path Loss]

Pr=Pmeas-Gr+Lc-Gamp

Pmeas

Gr (dBi)

Lc (dB)

Gamp (dB)

Lp (dB)

-15.02

11.50

8.07

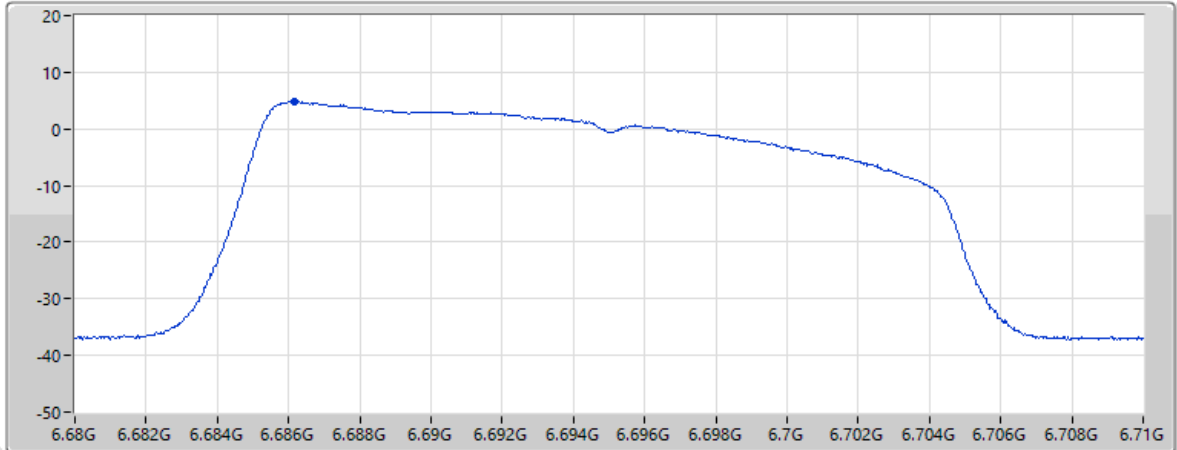
35.12

58.44

10/01/2026

EIRP PSD;Band:6.7G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6695MHz;TX

CF Freq
6.695GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
49.417s
Detector Type
RMS
CP BW
20MHz



Page 7
Vertical

EIRP PSD (dBm)

4.88

EIRP=Pr+Lp [Lp Free Space Path Loss]

Pr=Pmeas-Gr+Lc-Gamp

Pmeas

Gr (dBi)

Lc (dB)

Gamp (dB)

Lp (dB)

-15.18

11.50

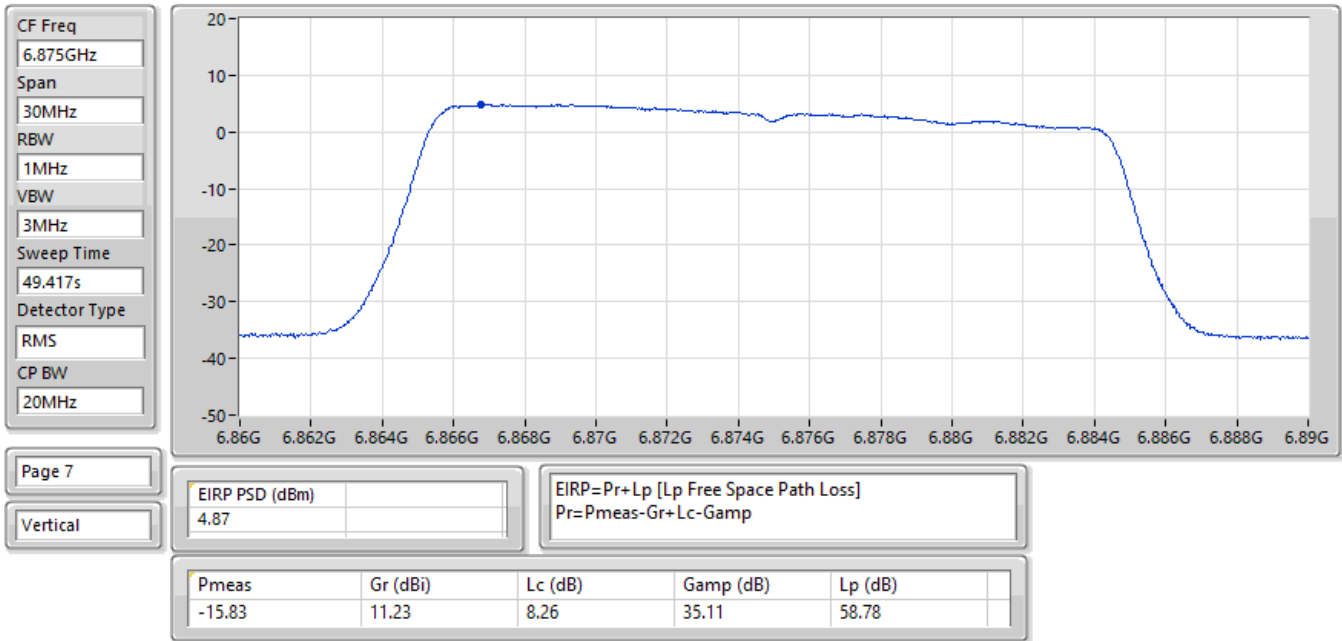
8.13

35.12

58.55

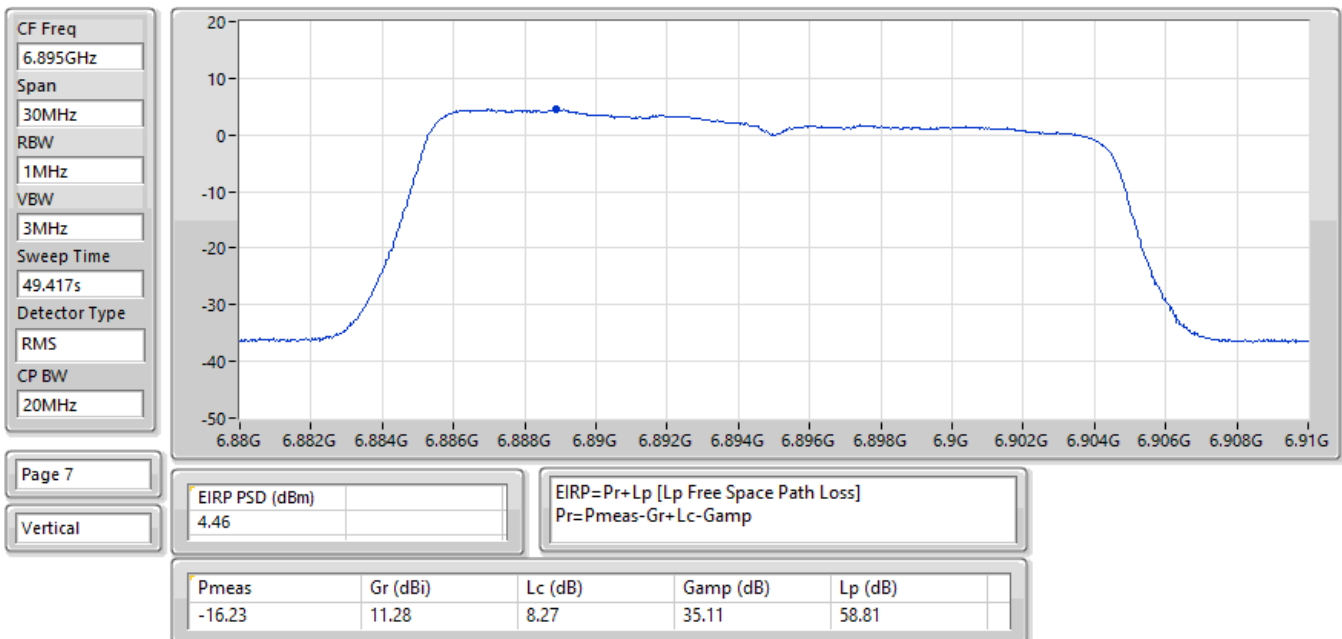
09/01/2026

EIRP PSD;Band:6.7G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6875MHz;TX



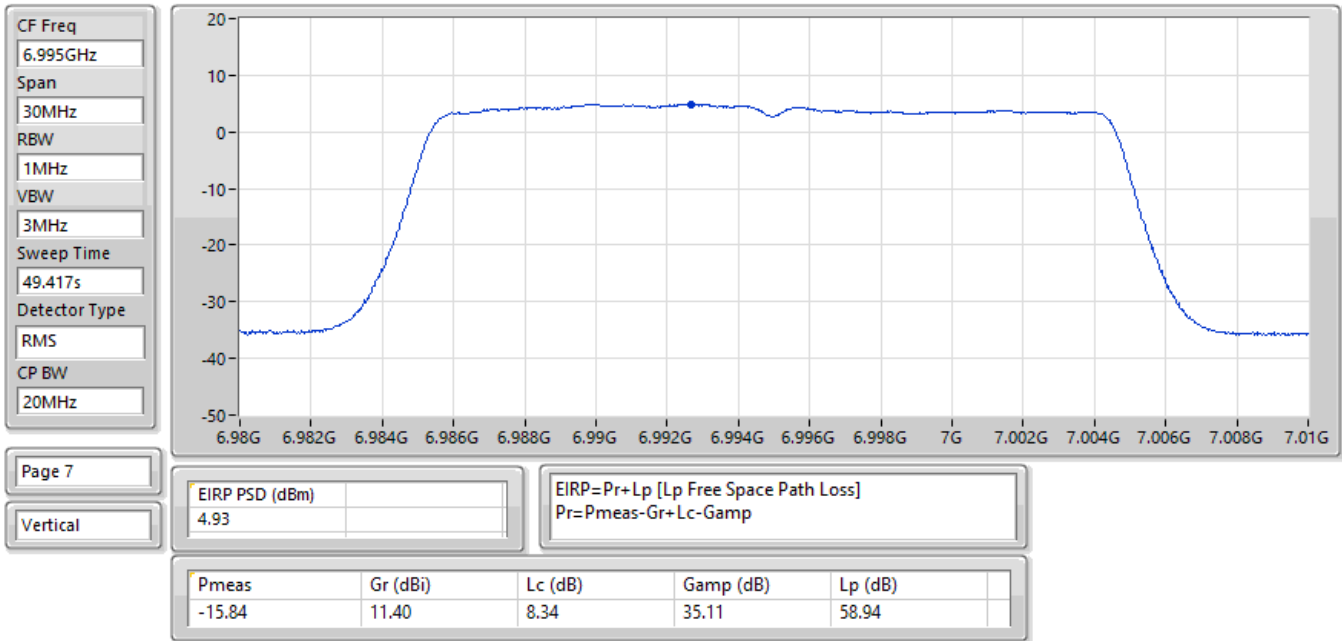
09/01/2026

EIRP PSD;Band:7.0G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6895MHz;TX



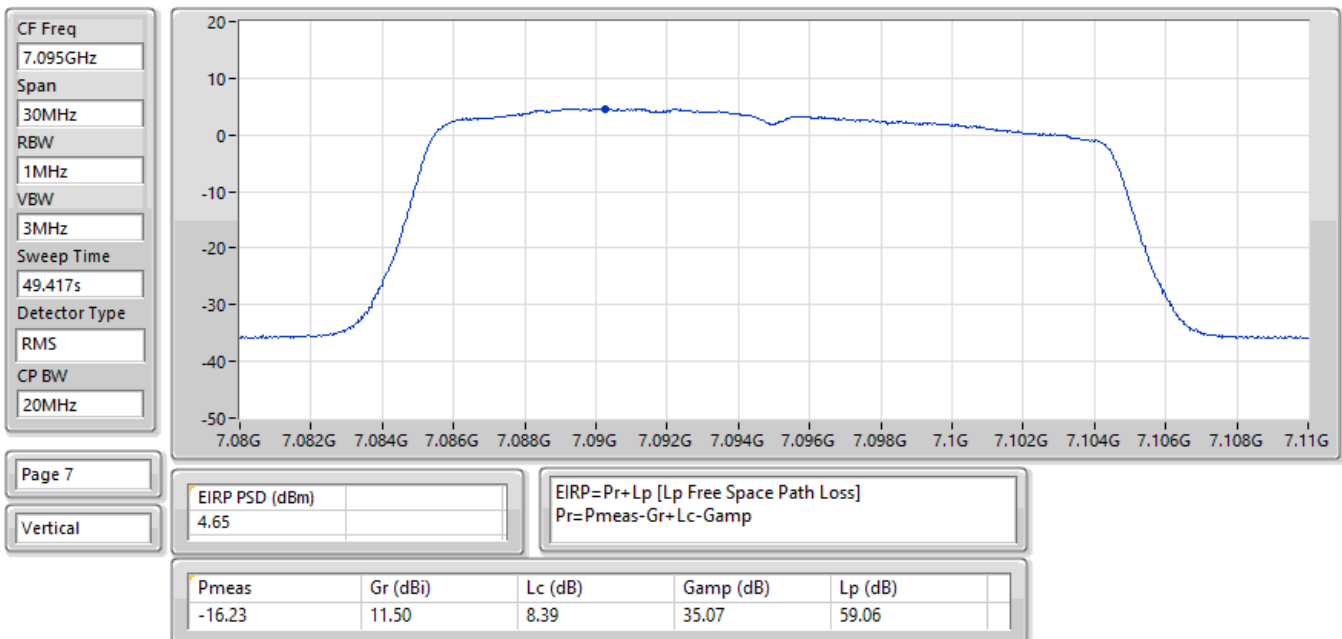
09/01/2026

EIRP PSD;Band:7.0G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6995MHz;TX



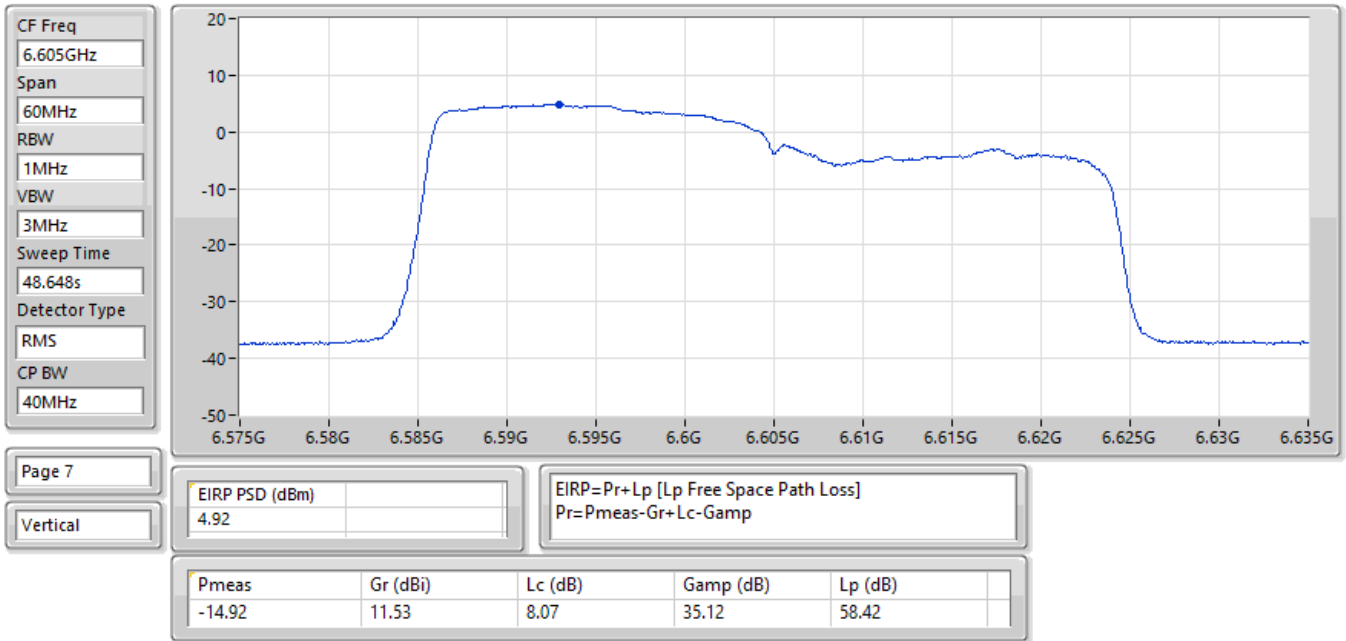
10/01/2026

EIRP PSD;Band:7.0G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7095MHz;TX



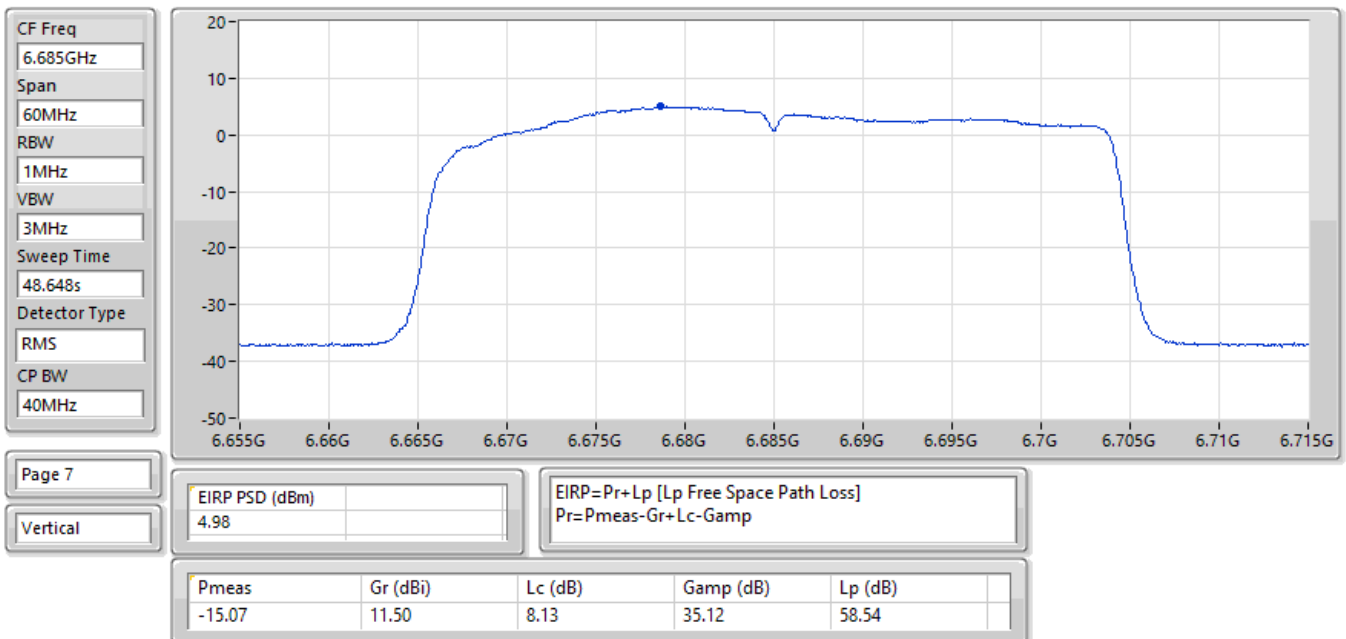
09/01/2026

EIRP PSD;Band:6.7G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6605MHz;TX



09/01/2026

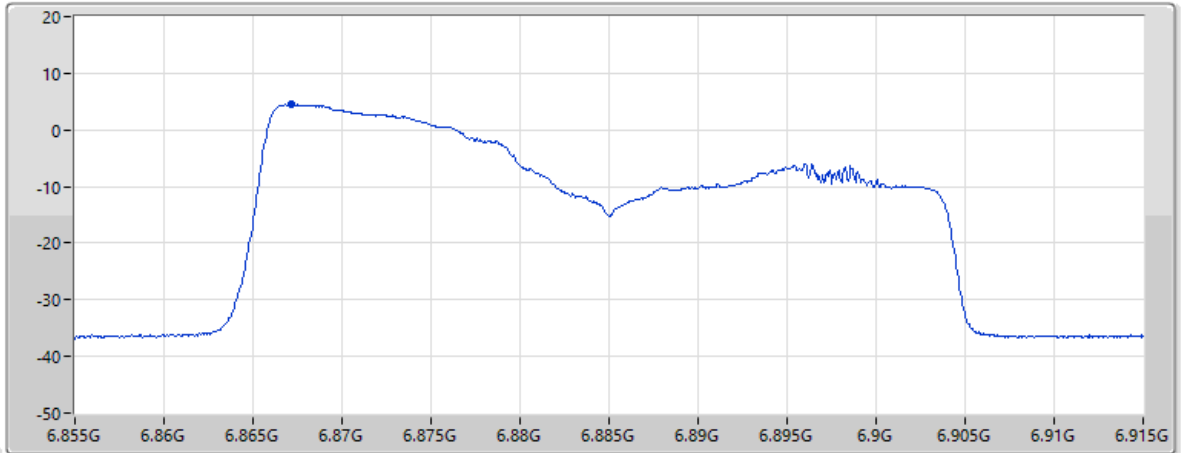
EIRP PSD;Band:6.7G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6685MHz;TX



10/01/2026

EIRP PSD;Band:6.7G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6885MHz;TX

CF Freq
6.885GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
48.648s
Detector Type
RMS
CP BW
40MHz



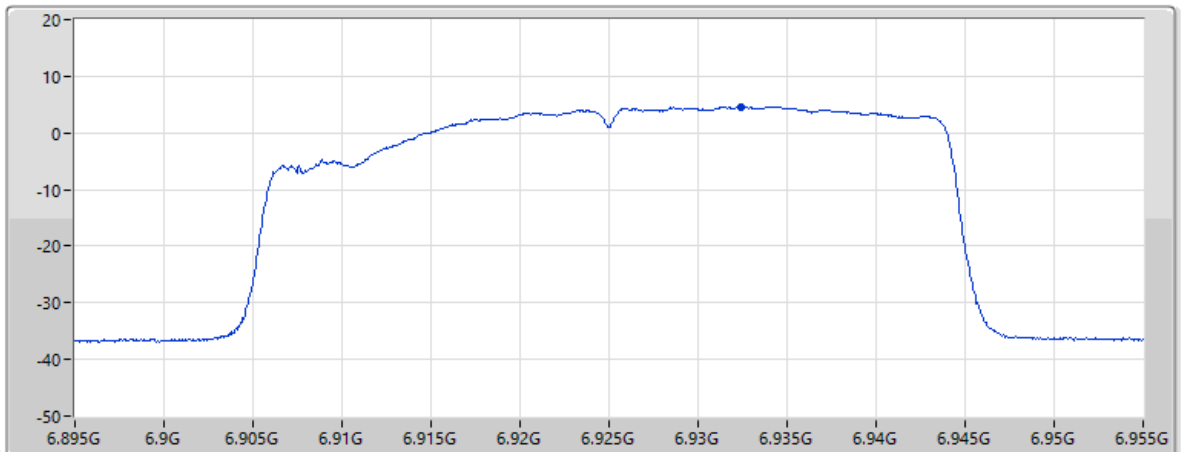
Page 7
Vertical

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
4.57				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-16.13	11.23	8.26	35.11	58.78

09/01/2026

EIRP PSD;Band:7.0G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6925MHz;TX

CF Freq
6.925GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
48.648s
Detector Type
RMS
CP BW
40MHz

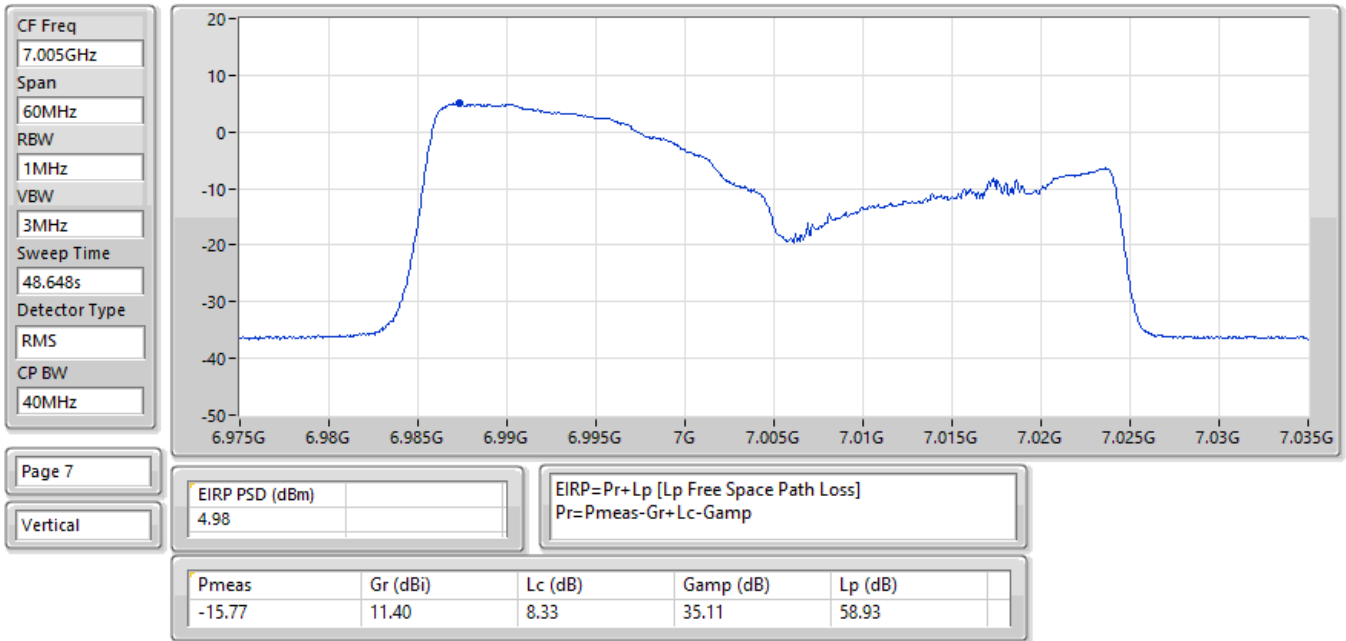


Page 7
Vertical

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
4.6				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-16.09	11.36	8.30	35.11	58.86

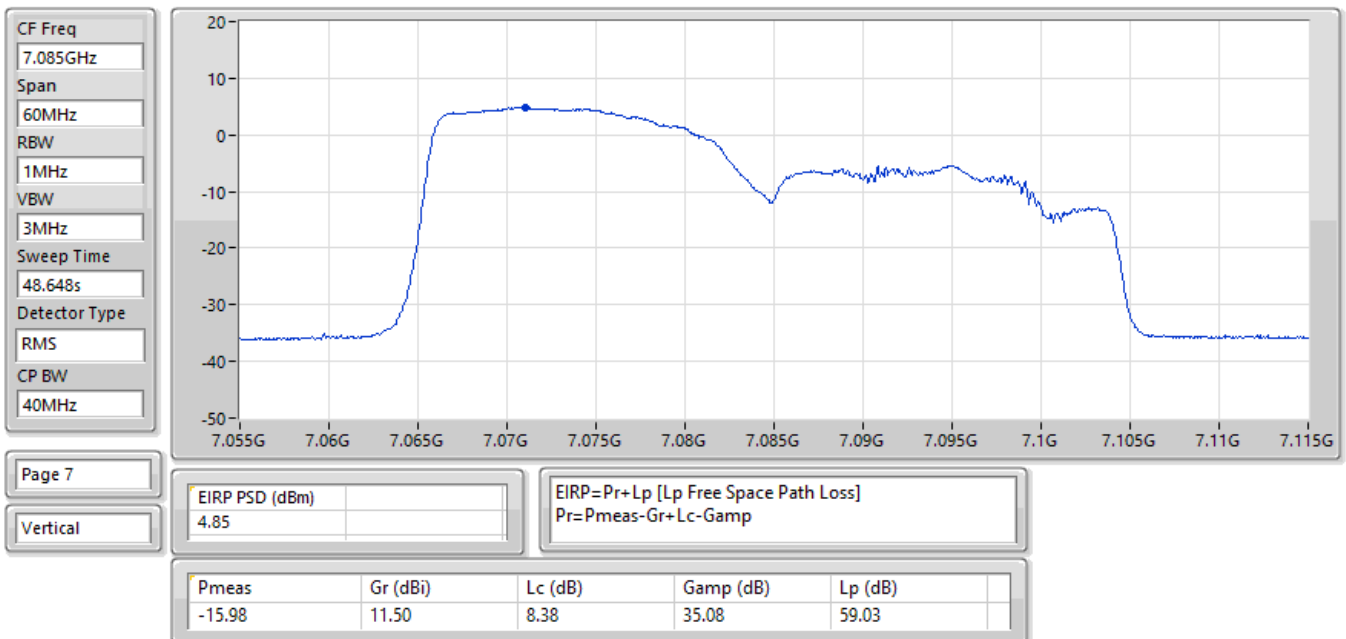
09/01/2026

EIRP PSD;Band:7.0G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7005MHz;TX



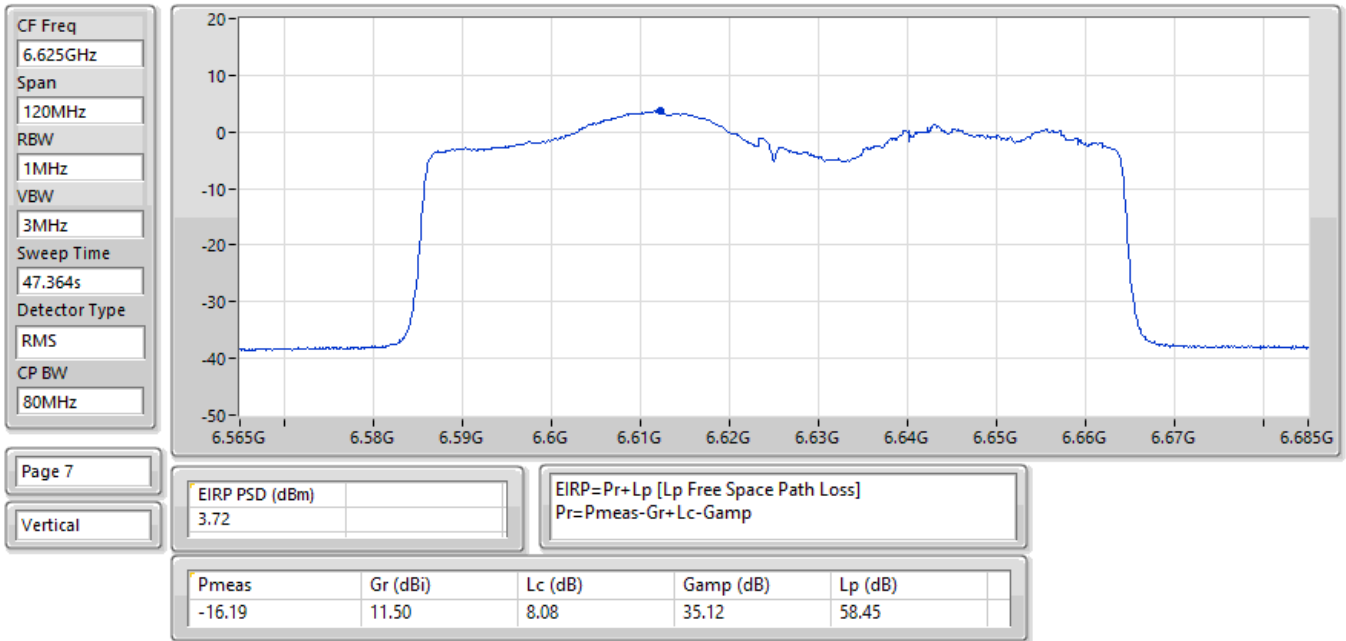
09/01/2026

EIRP PSD;Band:7.0G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7085MHz;TX



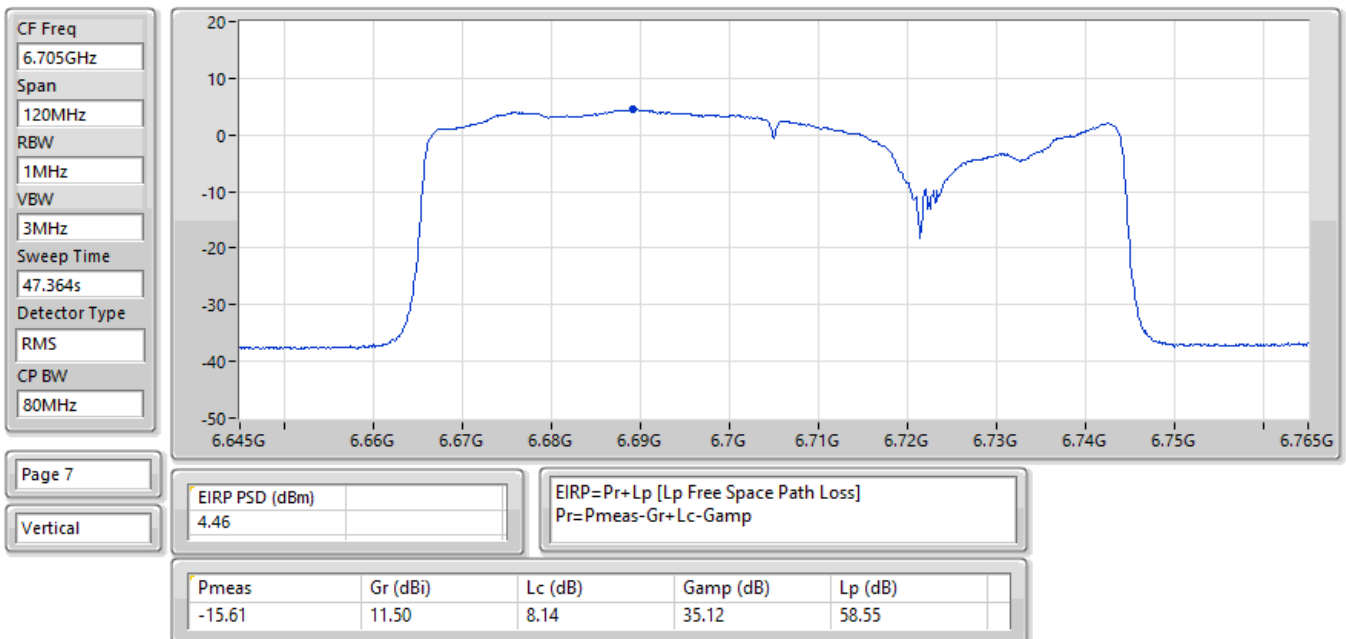
09/02/2026

EIRP PSD;Band:6.7G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6625MHz;TX



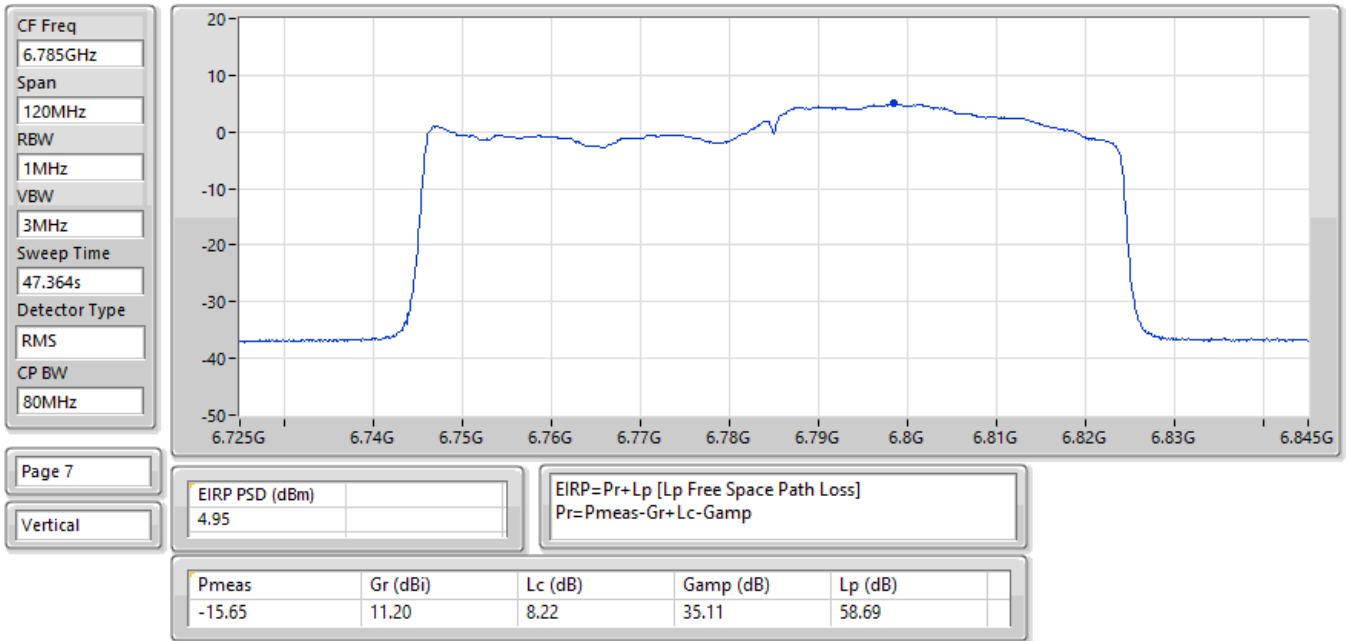
09/01/2026

EIRP PSD;Band:6.7G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6705MHz;TX



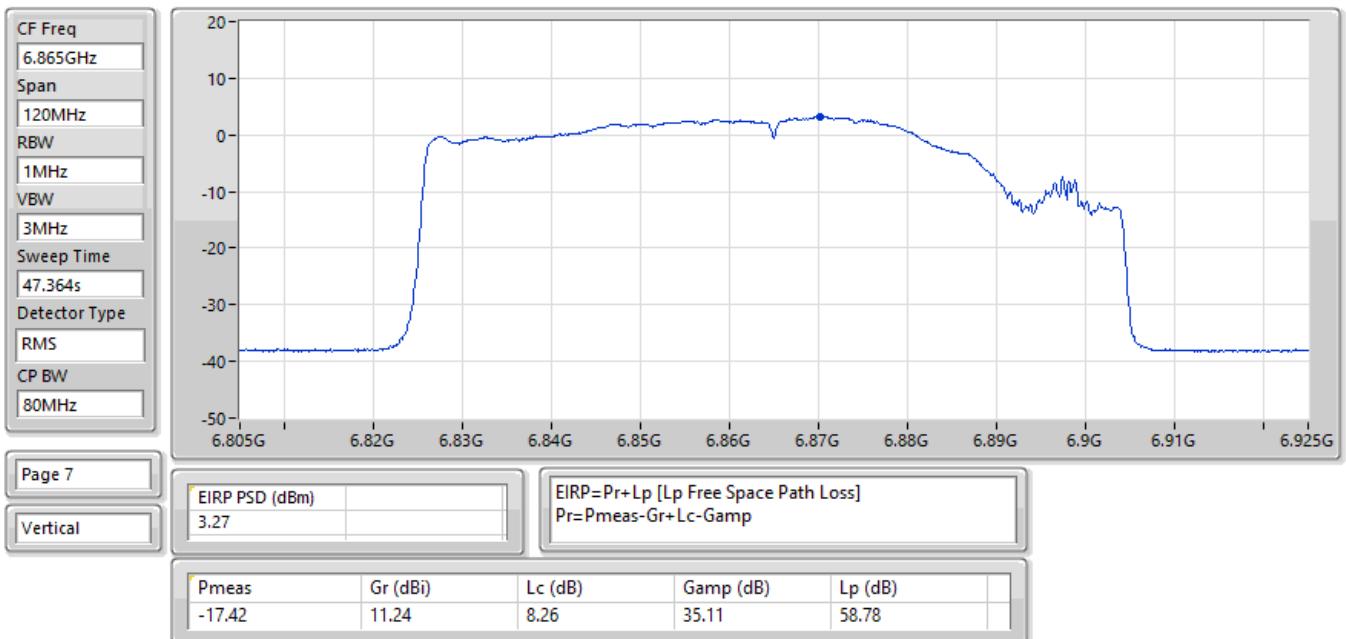
09/01/2026

EIRP PSD;Band:6.7G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6785MHz;TX



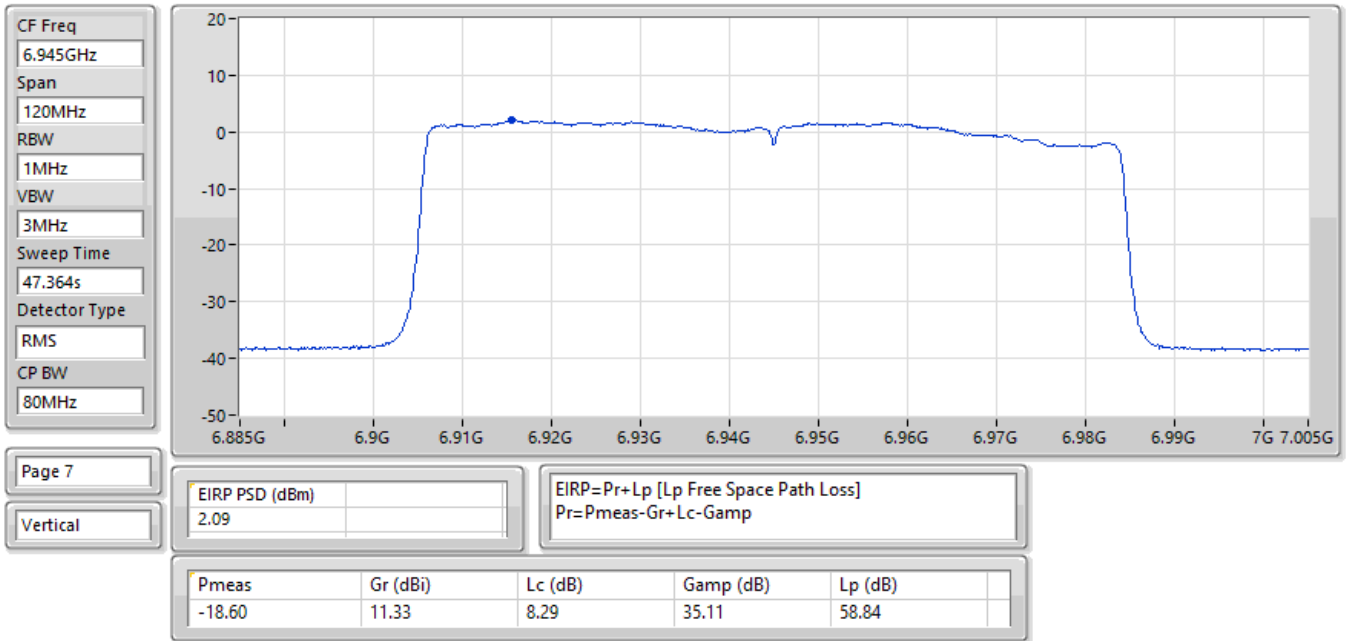
09/01/2026

EIRP PSD;Band:6.7G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6865MHz;TX



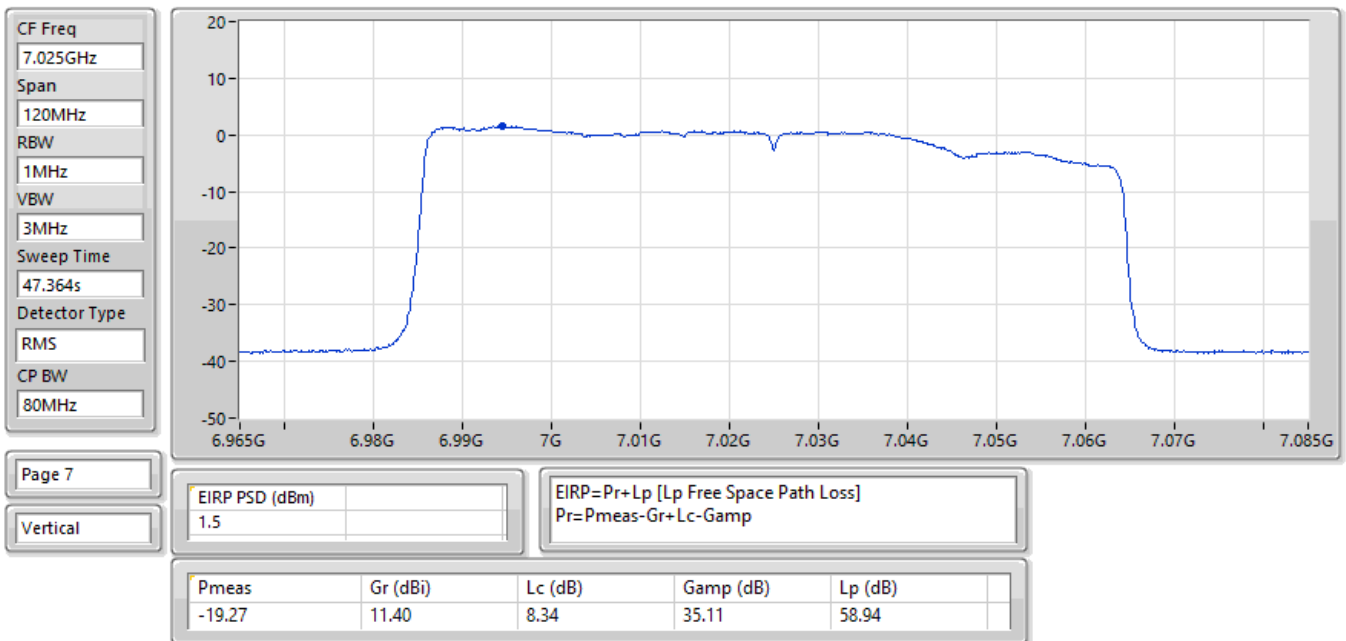
09/02/2026

EIRP PSD;Band:7.0G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6945MHz;TX



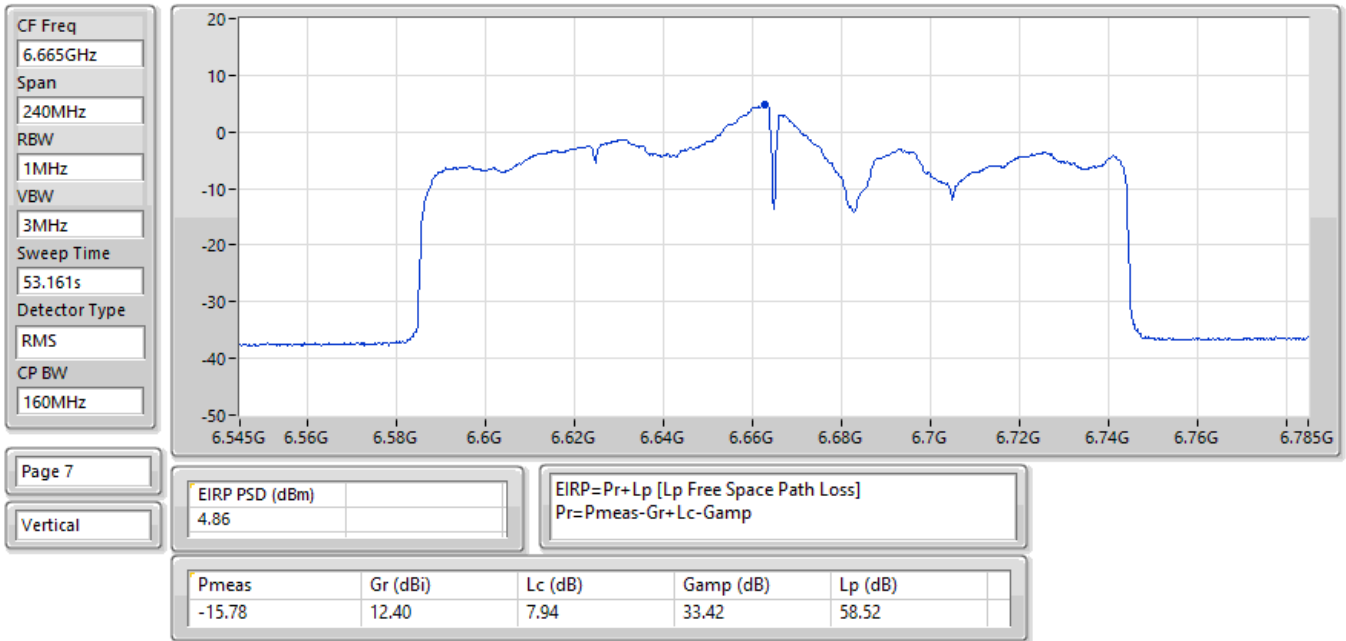
09/02/2026

EIRP PSD;Band:7.0G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:7025MHz;TX



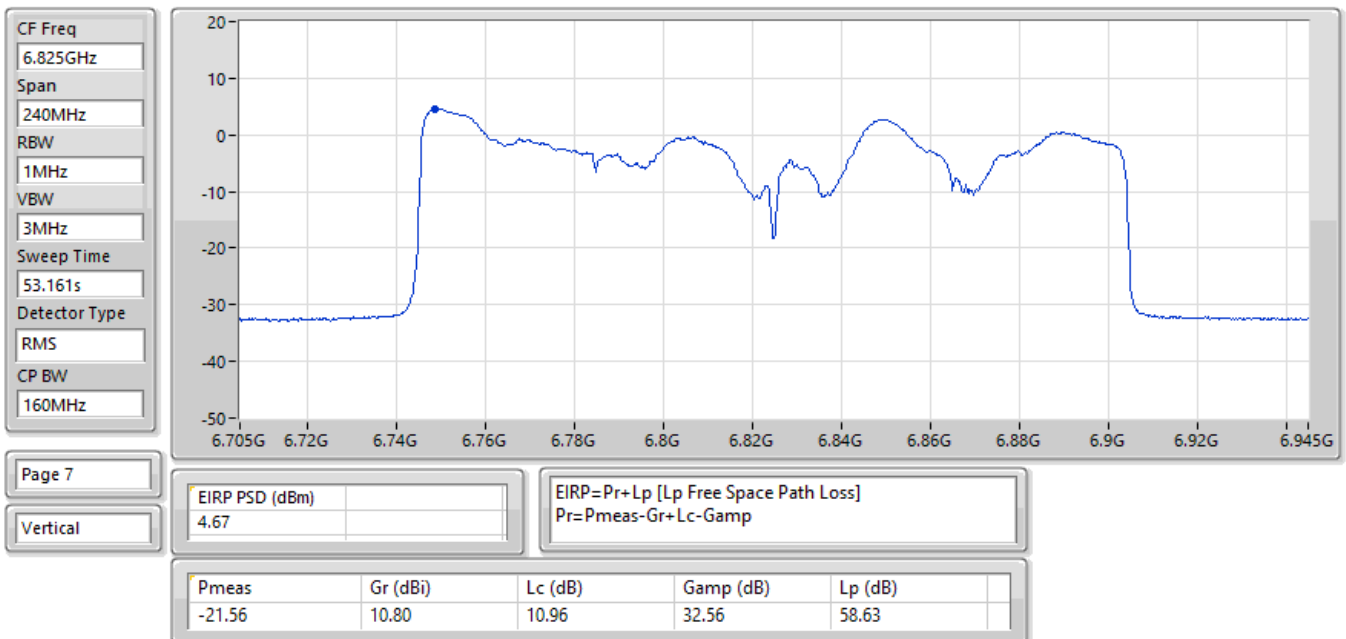
09/01/2026

EIRP PSD;Band:6.7G;bn160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6665MHz;TX



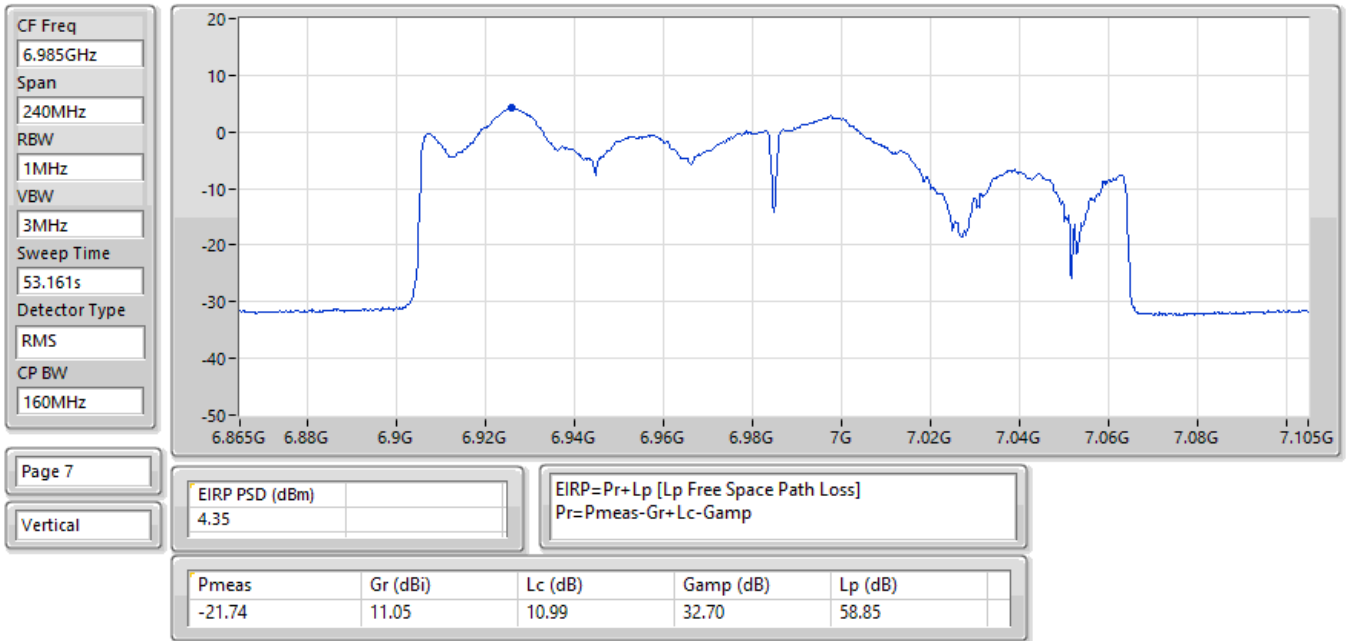
03/02/2026

EIRP PSD;Band:6.7G;bn160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6825MHz;TX



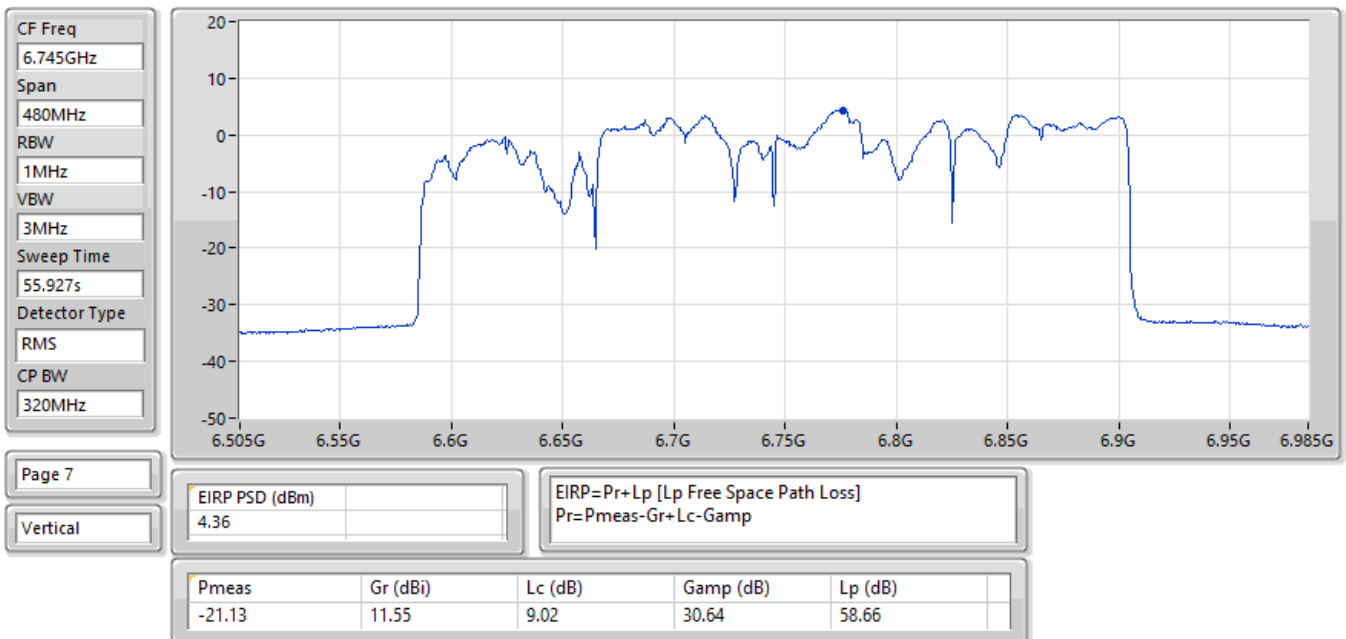
03/02/2026

EIRP PSD;Band:7.0G;bn160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6985MHz;TX



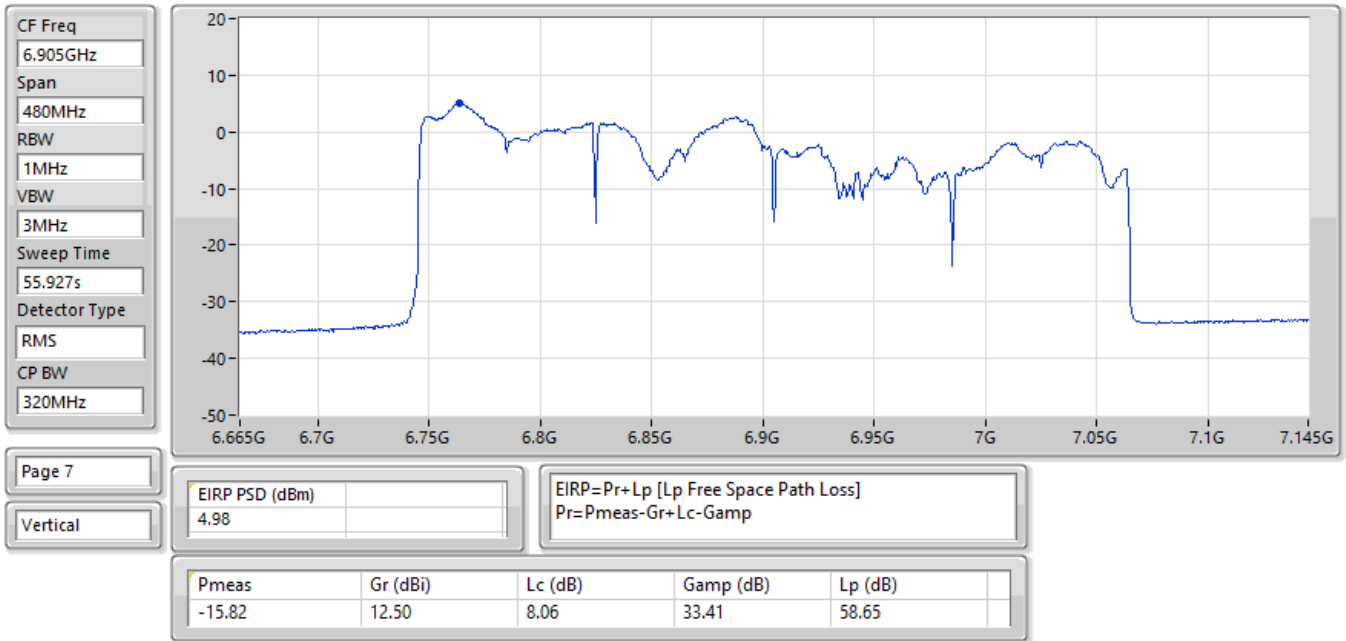
09/02/2026

EIRP PSD;Band:6.7G;bn320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6745MHz;TX



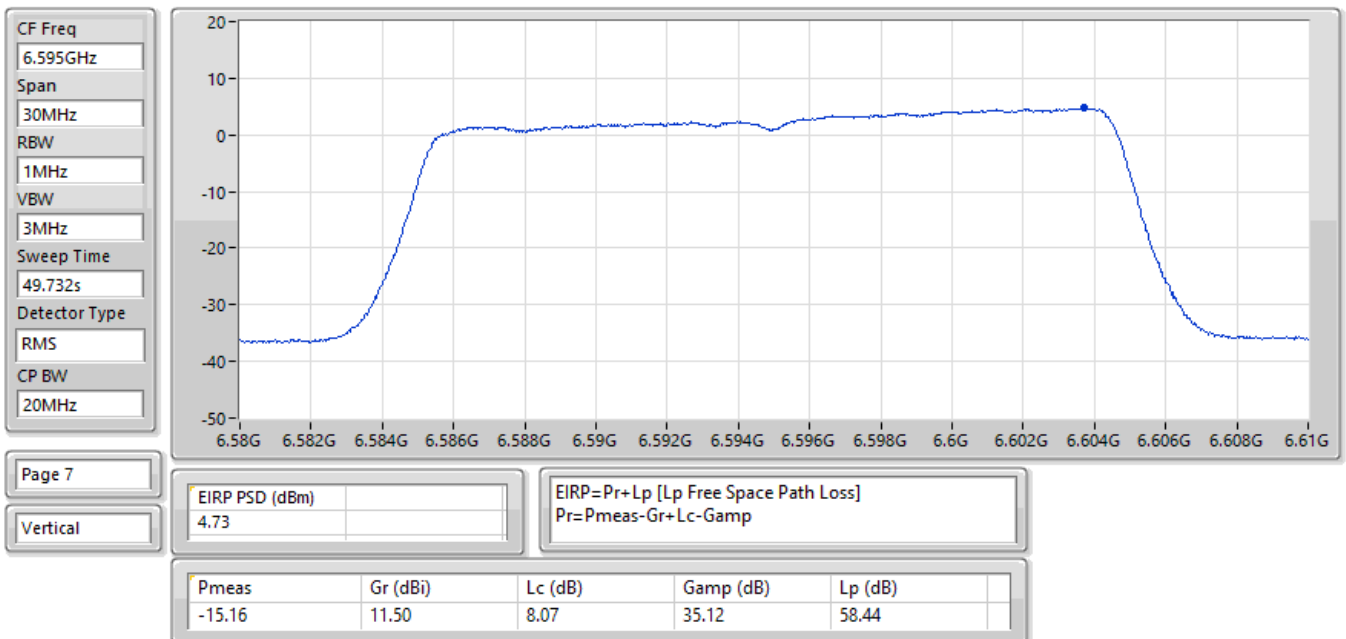
29/12/2025

EIRP PSD;Band:6.7G;bn320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6905MHz;TX



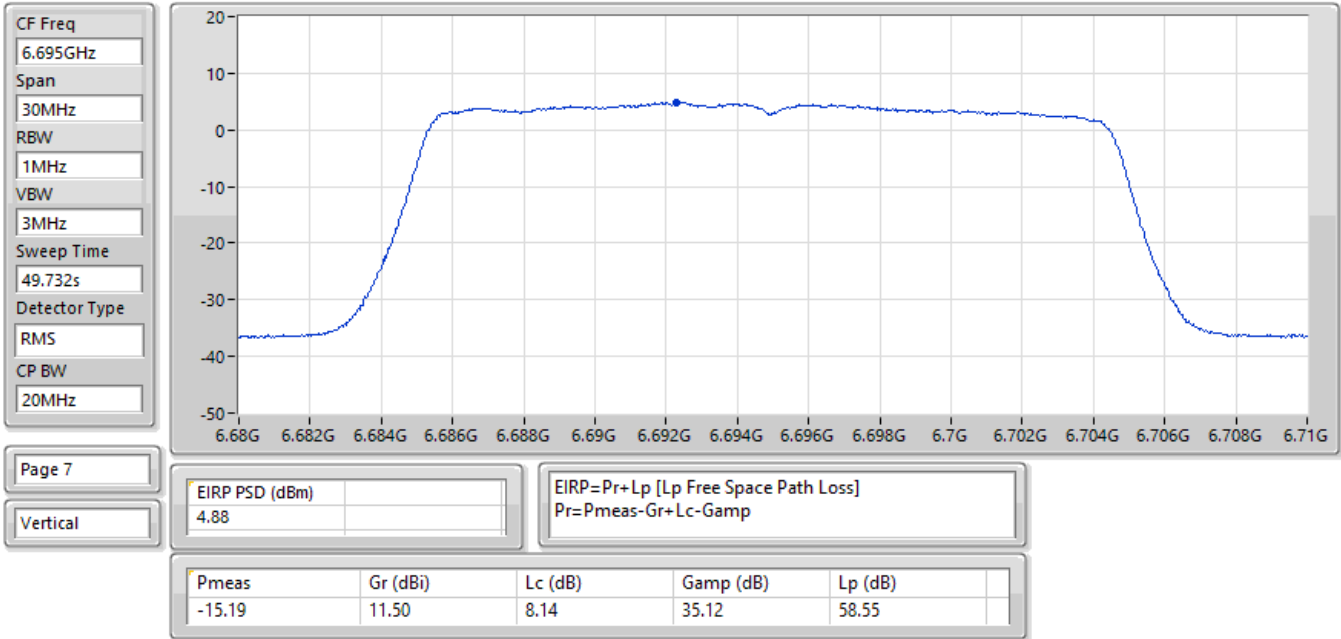
10/01/2026

EIRP PSD;Band:6.7G;bn20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:6595MHz;TX



10/01/2026

EIRP PSD;Band:6.7G;bn20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:6695MHz;TX



10/01/2026

EIRP PSD;Band:6.7G;bn20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:6875MHz;TX

