



RADIO TEST REPORT

FCC ID : L4B-RTBNA200
Equipment : BN19000 Tri Band WiFi Router
Brand Name : ASUS
Model Name : BN12, BN19000
Applicant : Asus Computer International
48720 Kato Road, Fremont, CA 94538, United States
Standard : 47 CFR FCC Part 15.407

The product was received on Feb. 24, 2026, and testing was started from Feb. 24, 2026 and completed on Jun. 09, 2026. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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



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



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.3	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)	PASS	-
-	15.407(a)	Proper Power Adjustment	N/A	Non-Dual Client Device or non-Standard Client Device w/o test
-	15.407(a)	Transmit Power Control	N/A	Non-Very Low Power Device w/o test
3.4	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
3.6	15.407(d)	Contention-Based Protocol	PASS	-

Conformity Assessment Condition:

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

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen**Report Producer: Muse Chan**



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-7125	a, ax (HEW20), be (EHT20), bn (UHR 20)	5955-7055	1-221 [56]
5925-7125	ax (HEW40), be (EHT40), bn (UHR 40)	5965-7045	3-219 [28]
5925-7125	ax (HEW80), be (EHT80), bn (UHR 80)	5985-7025	7-215 [14]
5925-7125	ax (HEW160), be (EHT160), bn (UHR 160)	6025-6985	15-207 [7]
5925-7125	be (EHT320), bn (UHR 320)	6105-6905	31-191 [6]



Band	Mode	BWch (MHz)	Nant
5.925-7.125GHz	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.

**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 PSD testing.
4. Follow step 2 to find the worst MRU(static preamble puncturing) configuration and perform radiated unwanted emission testing.
5. 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 PSD of MRU(static preamble puncturing) needs to be retested.
6. 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	1	4	-	Whayu	C660-510683-A	Dipole	I-PEX	Note 1
2	2	3	-	Whayu	C660-510683-A	Dipole	I-PEX	
3	3	2	-	Whayu	C660-510683-A	Dipole	I-PEX	
4	4	1	-	Whayu	C660-510683-A	Dipole	I-PEX	
5	-	-	3	Whayu	C660-510683-A	Dipole	I-PEX	
6	-	-	4	Whayu	C660-510683-A	Dipole	I-PEX	
7	-	-	2	Whayu	C660-510683-A	Dipole	I-PEX	
8	-	-	1	Whayu	C660-510683-A	Dipole	I-PEX	

Note 1:

Ant.	WLAN 2.4GHz (dBi)	WLAN 5GHz (dBi)				WLAN 6GHz (dBi)			
		UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8
1	3.52	2.95	3.28	3.9	3.78	-	-	-	-
2	3.69	3.47	2.87	3.76	3.81	-	-	-	-
3	3.59	3.98	3.76	3.77	3.93	-	-	-	-
4	3.47	3.46	3.93	3.64	3.55	-	-	-	-
5	-	-	-	-	-	4.41	4.27	3.16	3.9
6	-	-	-	-	-	4.42	4.11	4.03	4.1
7	-	-	-	-	-	4.48	4.32	3.95	4.4
8	-	-	-	-	-	4.38	4.47	4.25	4.24

Directional Gain (dBi)														
WLAN 2.4GHz			WLAN 5GHz UNII 1			WLAN 5GHz UNII 2A			WLAN 5GHz UNII 2C			WLAN 5GHz UNII 3		
4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S
7.41	4.41	3.69	7.61	4.61	3.98	7.47	4.47	3.93	7.98	4.98	3.9	7.33	4.33	3.93

Directional Gain (dBi)											
WLAN 6GHz UNII 5			WLAN 6GHz UNII 6			WLAN 6GHz UNII 7			WLAN 6GHz UNII 8		
4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S
6.71	4.48	4.48	6.73	4.47	4.47	6.03	4.25	4.25	6.82	4.4	4.4

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	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11a_Nss 1,(6D)	0.991	0.04	3.012m	10Hz (DC>=0.98)
802.11bn UHR20-BF_Nss 1,(M0)	0.957	0.19	5.356m	200
802.11bn UHR40-BF_Nss 1,(M0)	0.959	0.18	5.346m	200
802.11bn UHR80-BF_Nss 1,(M0)	0.943	0.25	5.108m	200
802.11bn UHR160-BF_Nss 1,(M0)	0.963	0.16	5.292m	200
802.11bn UHR320-BF_Nss 1,(M0)	0.843	0.74	802.813u	2k
802.11bn UHR20-BF_Nss 2,(M0)	0.917	0.38	5.354m	200
802.11bn UHR40-BF_Nss 2,(M0)	0.964	0.16	5.073m	300
802.11bn UHR80-BF_Nss 2,(M0)	0.976	0.11	5.32m	300
802.11bn UHR160-BF_Nss 2,(M0)	0.827	0.82	4.544m	300
802.11bn UHR320-BF_Nss 2,(M0)	0.636	1.97	263.75u	5k

For Multi_RU/Puncturing:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11bn UHR80_Nss 1,(M0),RU484+RU242	0.993	0.03	3.943m	10Hz (DC>=0.98)
802.11bn UHR160_Nss 1,(M0),RU996+RU484+RU242	0.992	0.03	3.303m	10Hz (DC>=0.98)
802.11bn UHR160_Nss 1,(M0),RU996+RU484	0.993	0.03	3.825m	10Hz (DC>=0.98)
802.11bn UHR320_Nss 1,(M0),3xRU996+RU484	0.992	0.03	3.268m	10Hz (DC>=0.98)
802.11bn UHR320_Nss 1,(M0),3xRU996	0.993	0.03	3.773m	10Hz (DC>=0.98)
802.11bn UHR320_Nss 1,(M0),2xRU996+RU484	0.995	0.02	4.553m	10Hz (DC>=0.98)

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 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	Non-beamforming mode: MTool_3.4.7.0 Beamforming mode: DOS [ver 6.1.7601]	
Software / Firmware Version for CBP	9.0.0.6.102_41027-g5e3bfba_1514-g76297_BB11_SHIPFW1.8	

Note: The above information was declared by manufacturer.

1.1.6 Table for Multiple Listing

Model Name	Description
BN12	All the models are identical, the difference model served as marketing strategy.
BN19000	

Note 1: From the above models, model: BN12 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.

1.1.7 Table for EUT Supports Function

Function
AP Router
Mesh

Note 1: After evaluating, AP Router mode was selected to test and recorded in the report.

Note 2: The USB port on this device supports both storage and WWAN functionality.

Note 3: 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 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 (Others test)	TH01-CB	Gino Huang	21.6~22.4 / 59~63	Apr. 17, 2026~ Jun. 09, 2026
Radiated (below 1GHz)	10CH01-CB	Richard Pai	20~21 / 60~61	Apr. 24, 2026
Radiated (above 1GHz)	03CH01-CB	Paul Hu	23.9~24.6 / 62~67	Feb. 24, 2026~ Jun. 05, 2026
	03CH04-CB		23.7~24.4 / 56~68	
			23.8~24.7 / 64~65	
	03CH06-CB		23.8~24.3 / 62~63	
Radiated (above 1GHz: Multi_RU/Puncturing test)	03CH04-CB	Paul Hu	23.8~24.7 / 64~65	Feb. 24, 2026~ Jun. 05, 2026
AC Conduction	CO02-CB	Elvin Yeh	22~23 / 54~55	Apr. 21, 2026
RF Conducted (Contention-Based Protocol test)	DF01-CB	Caster Chang	24.2~24.8 / 51~54	Apr. 08, 2026~ Jun. 04, 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)	3.4 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%
Conducted Emission	3.8 dB	Confidence levels of 95%
Output Power Measurement	1.5 dB	Confidence levels of 95%
Power Density Measurement	3.5 dB	Confidence levels of 95%
Bandwidth Measurement	1.6 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For Full RU:

Mode
802.11a_Nss1,(6Mbps)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6855MHz
6875MHz
6995MHz
7055MHz
802.11bn UHR20-BF_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6855MHz
6875MHz
6995MHz
7055MHz
802.11bn UHR40-BF_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6845MHz
6885MHz
7005MHz
7045MHz
802.11bn UHR80-BF_Nss1,(MCS0)_4TX
5985MHz
6225MHz



6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11bn UHR160-BF_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11bn UHR320-BF_Nss1,(MCS0)_4TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz
802.11bn UHR20-BF_Nss2,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6855MHz
6875MHz
6995MHz
7055MHz
802.11bn UHR40-BF_Nss2,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6845MHz
6885MHz
7005MHz



7045MHz
802.11bn UHR80-BF_Nss2,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11bn UHR160-BF_Nss2,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11bn UHR320-BF_Nss2,(MCS0)_4TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz

**For Multi_RU/Puncturing:**

Mode
802.11bn UHR80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
5985MHz
802.11bn UHR80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX
7025MHz
802.11bn UHR160_Nss1,(MCS0),RU996+RU484+RU242 MRU 6_4TX
6025MHz
802.11bn UHR160_Nss1,(MCS0),RU996+RU484 MRU 4_4TX
6025MHz
802.11bn UHR160_Nss1,(MCS0),RU996+RU484+RU242 MRU 4_4TX
6985MHz
802.11bn UHR160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
6985MHz
802.11bn UHR320_Nss1,(MCS0),3xRU996+RU484 MRU 4_4TX
6105MHz
802.11bn UHR320_Nss1,(MCS0),3xRU996 MRU 2_4TX
6105MHz
802.11bn UHR320_Nss1,(MCS0),2xRU996+RU484 MRU 3_4TX
6105MHz
802.11bn UHR320_Nss1,(MCS0),3xRU996+RU484 MRU 4_4TX
6905MHz
802.11bn UHR320_Nss1,(MCS0),3xRU996 MRU 2_4TX
6905MHz
802.11bn UHR320_Nss1,(MCS0),2xRU996+RU484 MRU 9_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 / WAN mode_WAN/LAN1 10G (WAN) + WAN/LAN2 2.5G (LAN) + USB(R/W) + Adapter
2	AP Router / WAN mode_WAN/LAN2 2.5G (WAN) + WAN/LAN1 10G (LAN) + USB(R/W) + Adapter
3	AP Router / WWAN mode_WAN/LAN1 10G (LAN) + WAN/LAN2 2.5G (LAN) + USB(WWAN) + Adapter
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_4T1S, 4T2S

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Equivalent Isotopically 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 Y axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y axis_Full RU_4T1S, 4T2S
2	EUT in Y axis_Multi_RU/Puncturing

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 Y axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y axis_Full RU_4T1S, 4T2S
2	EUT in Y axis_Multi_RU/Puncturing

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
After evaluating, and the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y axis_AP Router / WAN mode_WAN/LAN1 10G (WAN) + WAN/LAN2 2.5G (LAN) + USB(R/W) + Adapter
2	EUT in Y axis_AP Router / WAN mode_WAN/LAN2 2.5G (WAN) + WAN/LAN1 10G (LAN) + USB(R/W) + Adapter
3	EUT in Y axis_AP Router / WWAN mode_WAN/LAN1 10G (LAN) + WAN/LAN2 2.5G (LAN) + USB(WWAN) + Adapter
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
After evaluating, and the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y axis_Full RU_4T1S, 4T2S
2	EUT in Y axis_Multi_RU/Puncturing



The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission MASK
Test Condition	Conducted measurement at transmit chains
1	EUT in Y axis_Full RU_4T1S, 4T2S
2	EUT in Y axis_Multi_RU/Puncturing

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz
2	WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz + WWAN
Refer to Sporton Test Report No.: FA640714 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	Leader	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 (WAN function) PC	ASUS	S300TA	TX2-RTL8821CE
B	2.5G WAN/LAN2 (LAN function) PC	ASUS	S300TA	TX2-RTL8821CE
C	10G LAN3 PC	ASUS	S300TA	TX2-RTL8821CE
D	2.5G LAN4 PC	ASUS	S300TA	TX2-RTL8821CE
E	2.5G LAN5 PC	ASUS	S300TA	TX2-RTL8821CE
F	6G NB	DELL	E6230	N/A
G	5G NB	Lenovo	X260	N/A
H	2.4G NB	Lenovo	X260	N/A
I	Flash disk3.0	Transcend	JetFlash-703	N/A
J	6G module	INTEL	BE200	PD9BE200NG



**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	Mesh BN12	N/A
C	NB	DELL	E4300	N/A

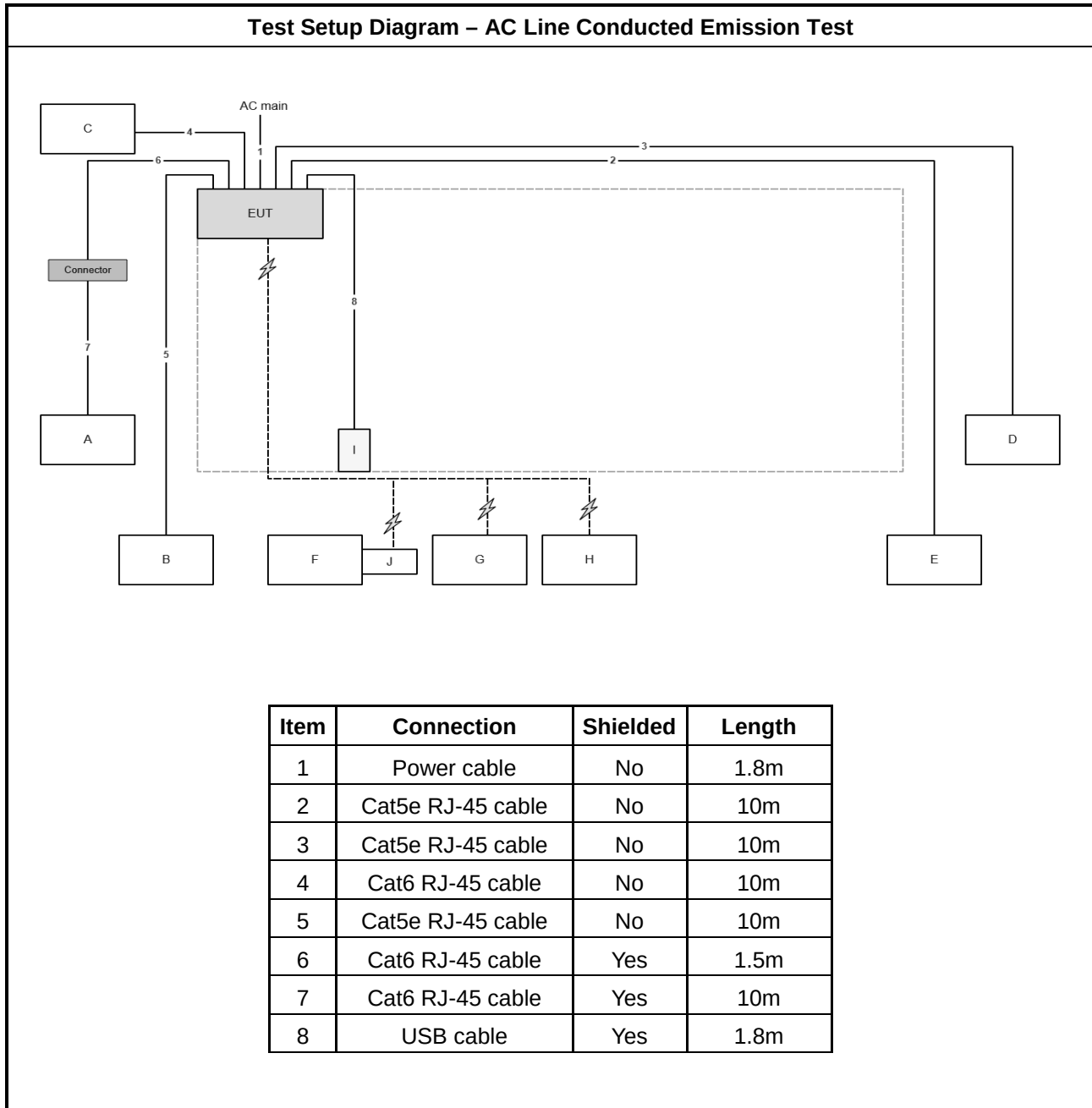
For RF Conducted (for others test):

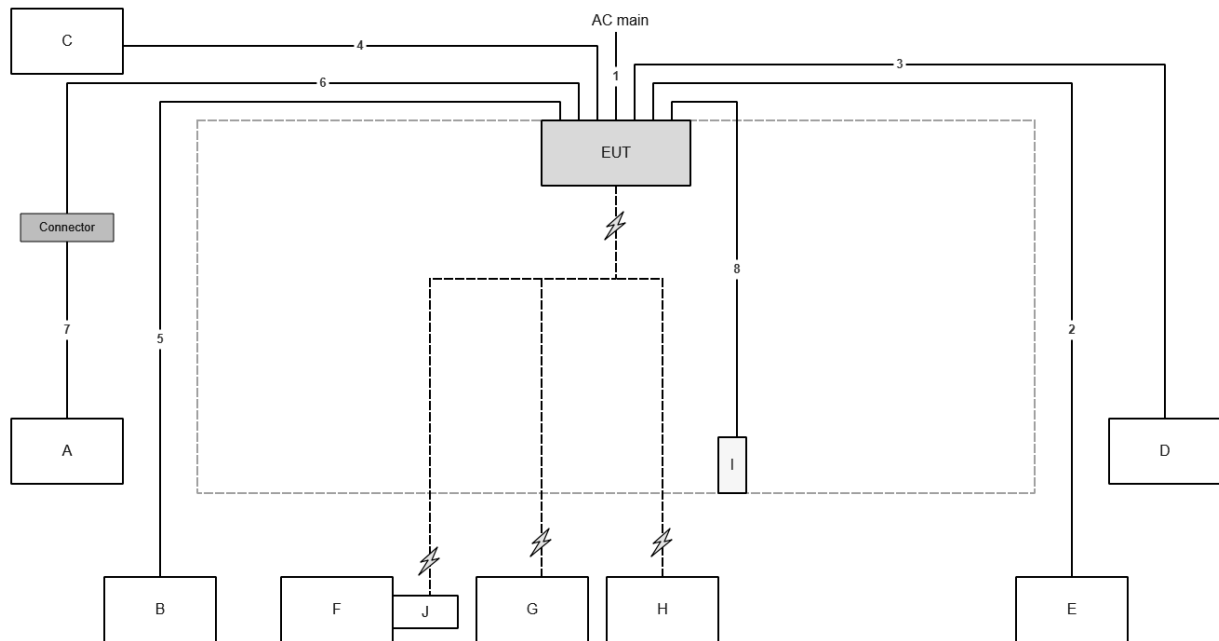
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A

For RF Conducted (Contention Based Protocol test):

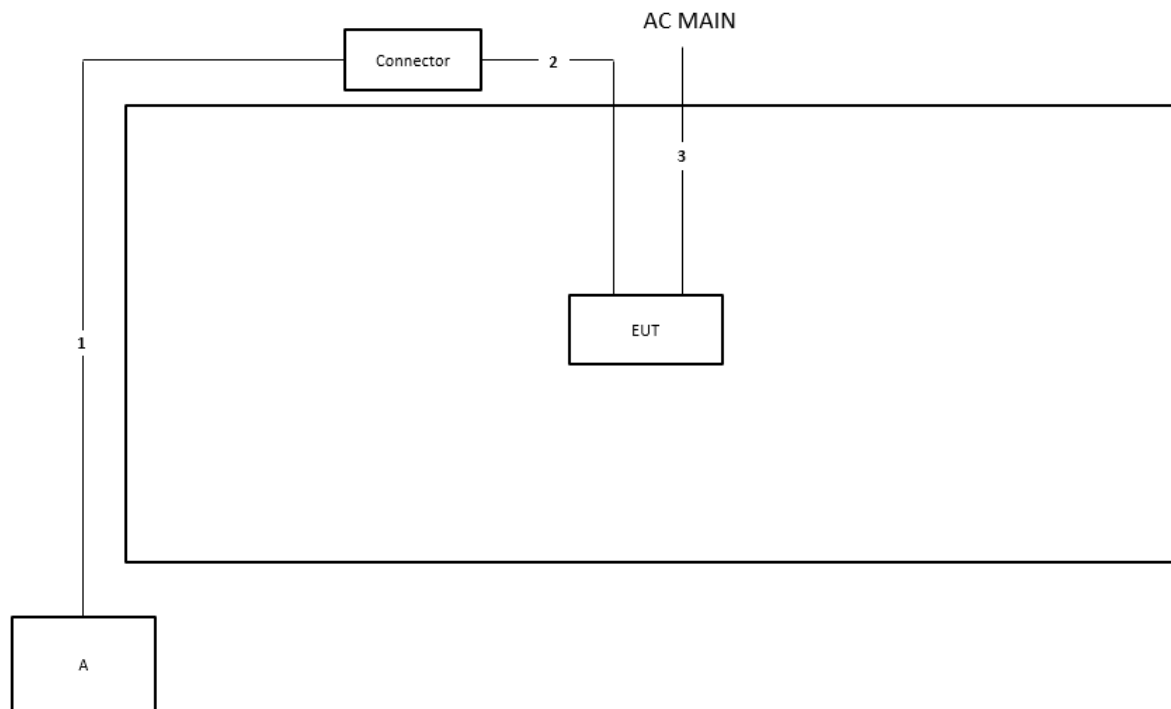
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	WLAN AP	ASUS	GT-BN96	N/A

2.6 Test Setup Diagram

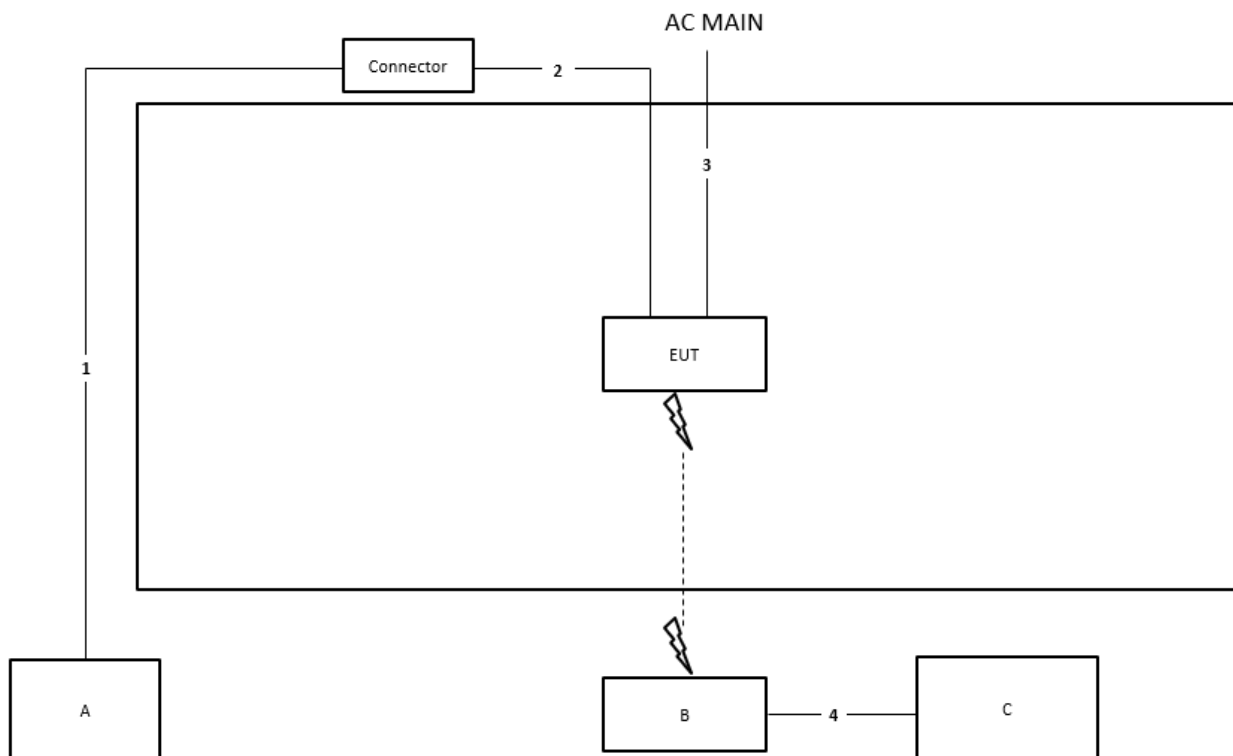


Test Setup Diagram - Radiated Test < 1GHz


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

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


Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	Yes	1.5m
3	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	Yes	1.5m
3	Power cable	No	1.8m
4	RJ-45 cable	No	1.5m



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

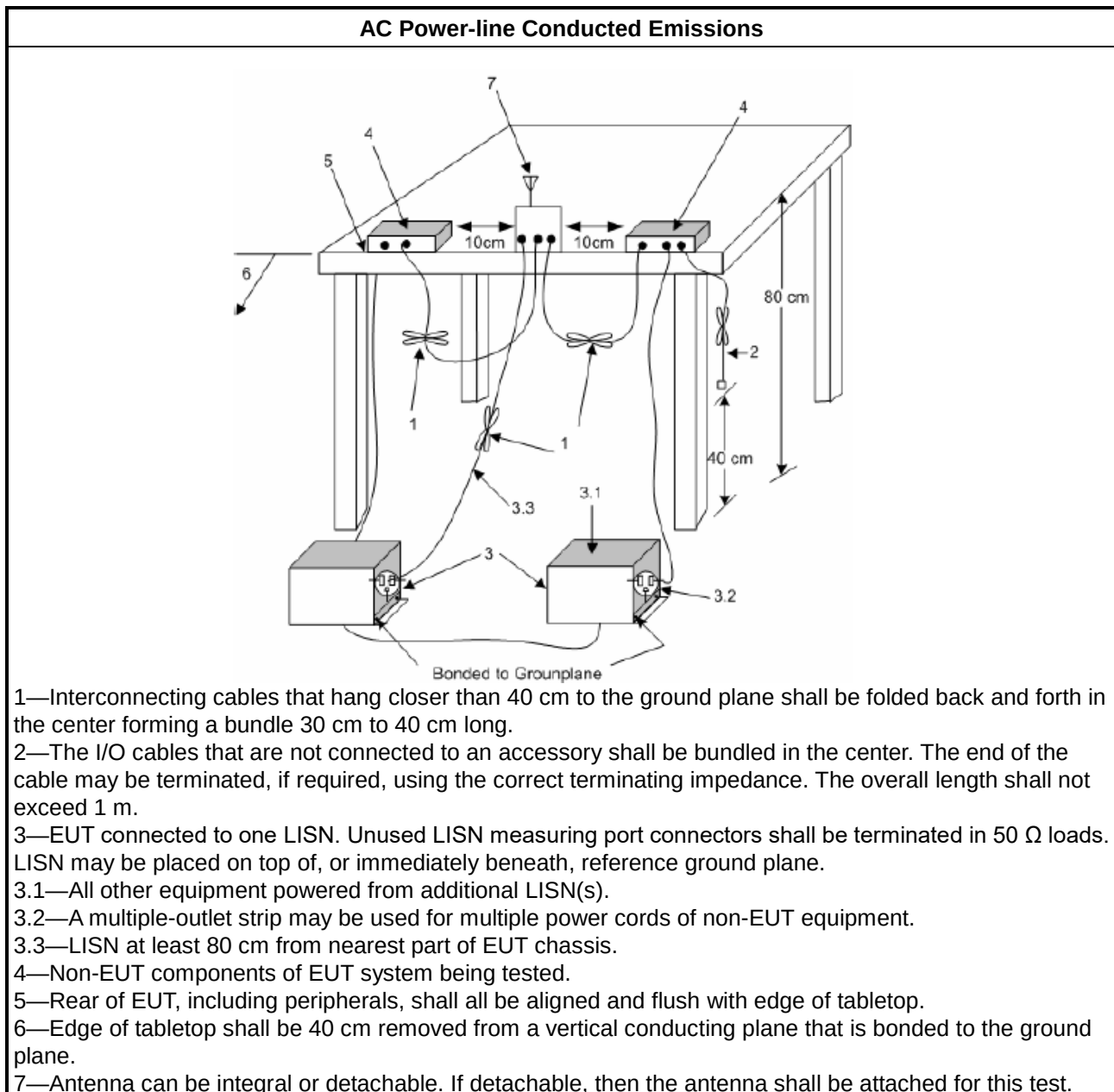
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2020, 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.

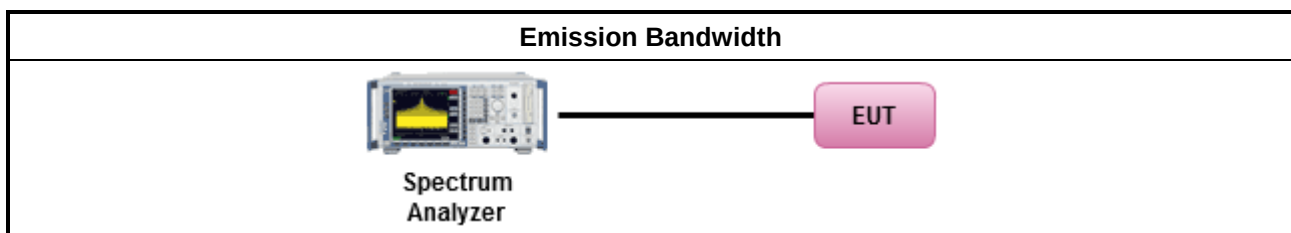
3.2.2 Measuring Instruments

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, 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. |

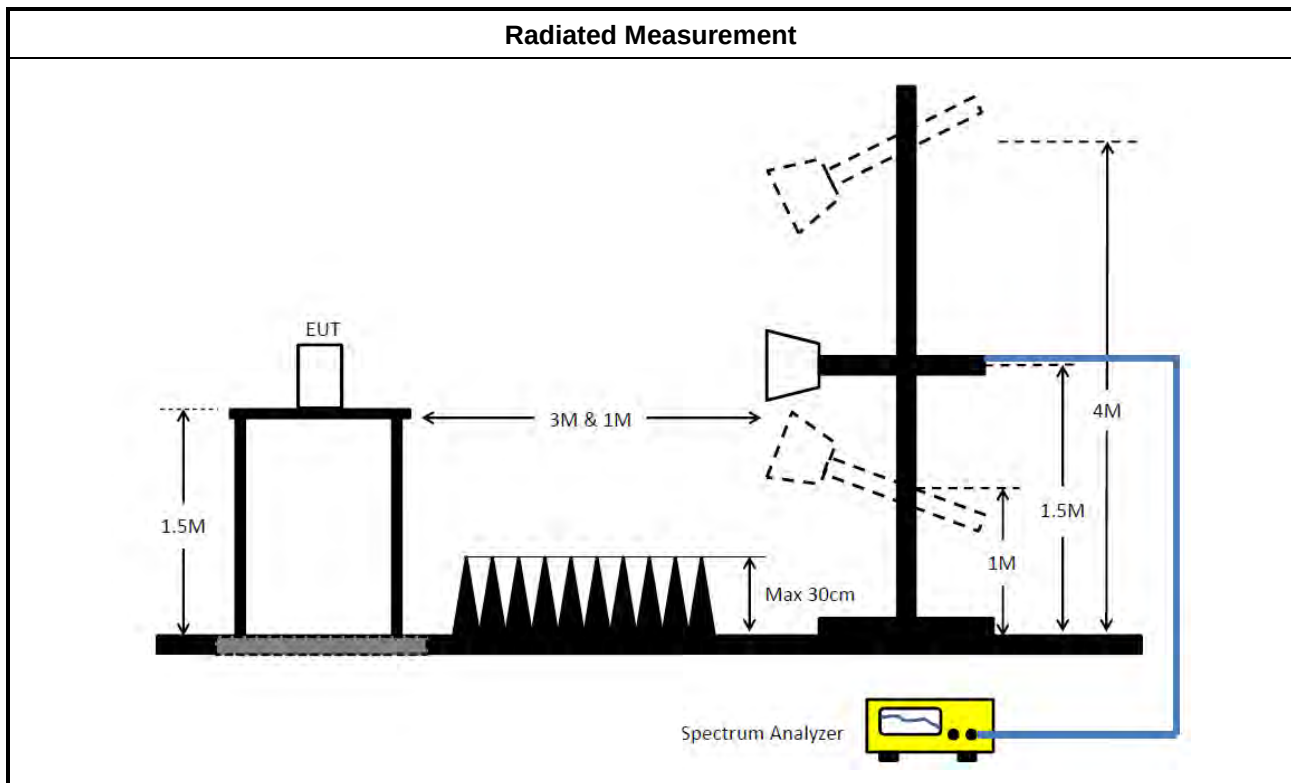
3.3.2 Measuring Instruments

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, 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, 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, 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 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

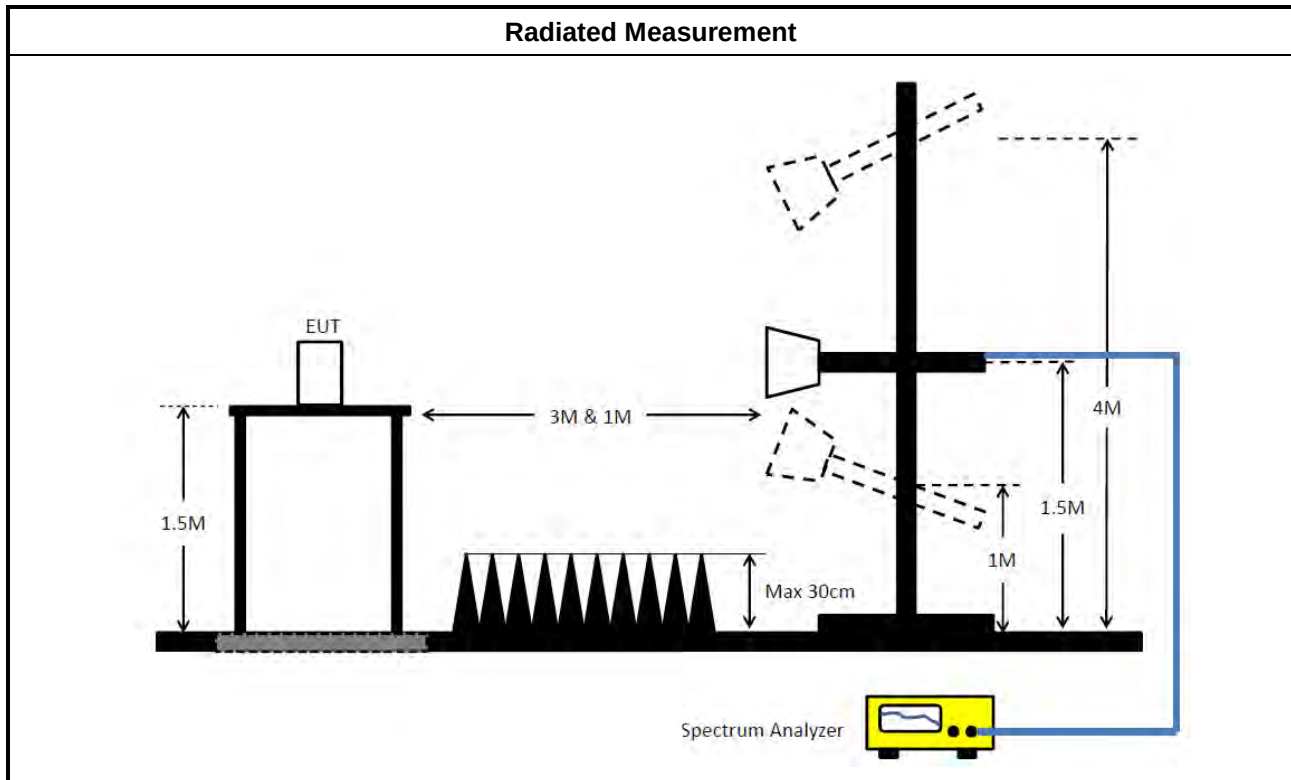
Refer a test equipment and calibration data table in this test report.

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, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
[duty cycle ≥ 98% or external video / power trigger]	
☒	Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033, 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, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☐ For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☐	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	
☒ For radiated measurement.	
- Refer as FCC KDB 789033 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	

Test Method

- Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup

3.4.5 Test Result of Peak Power Spectral Density (E.I.R.P.)

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

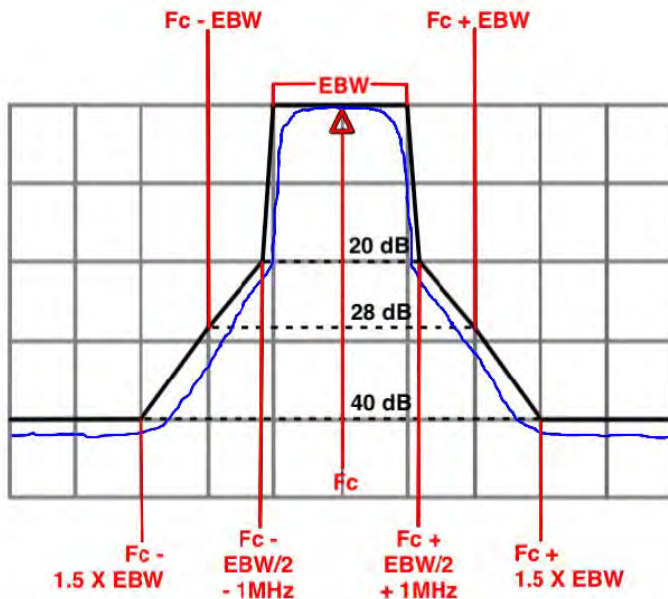
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$).
EX. Above 18GHz emission limit calculation (3m to 1m) = $54\text{dBuV/m at 3m} + 9.54\text{dB} = 63.54\text{dBuV/m at 1m}$.

Un-restricted band emissions above 1GHz Limit	
Frequency	Limit
Any outside the 5.925 – 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 OBE 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. 



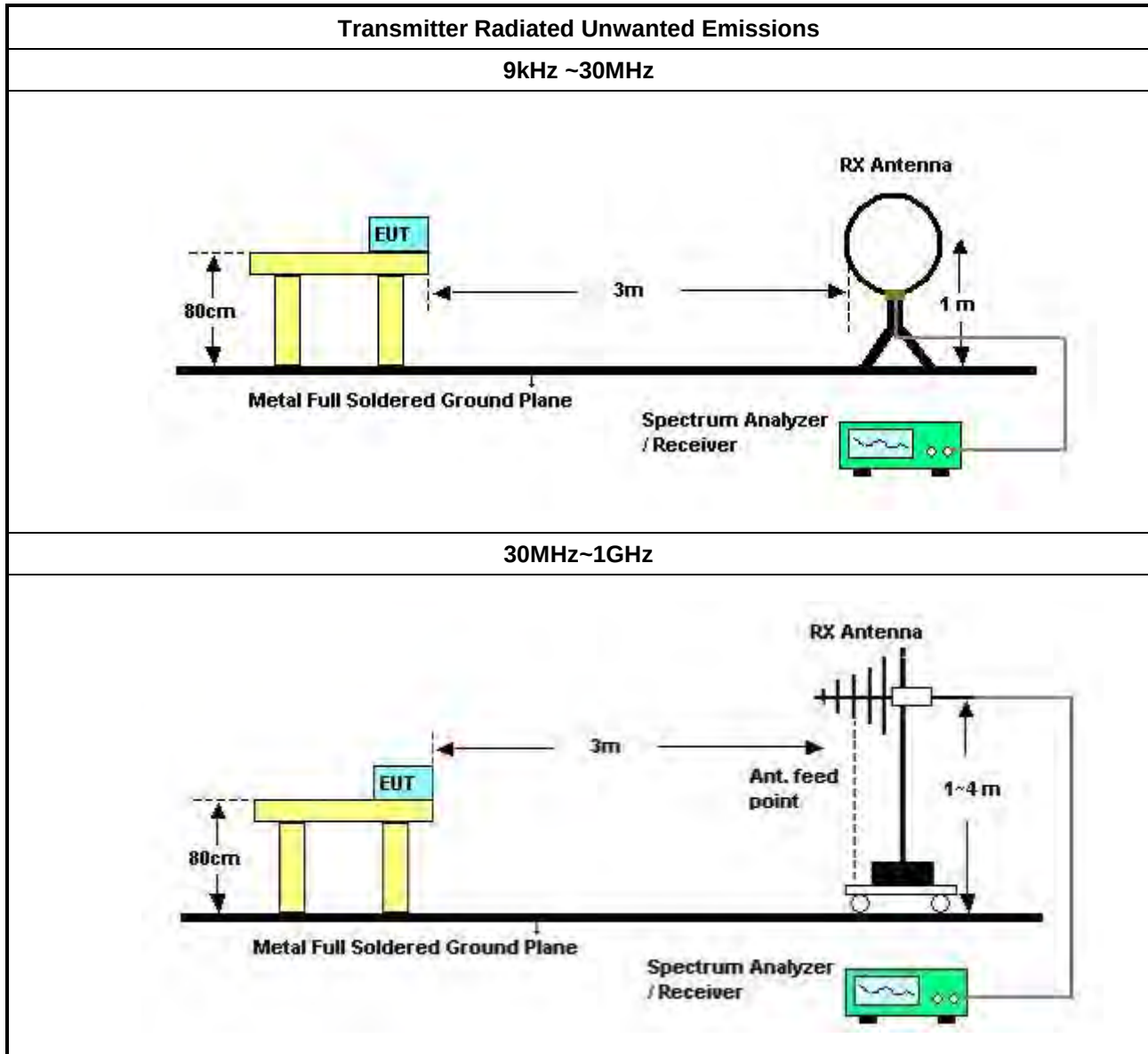
3.5.2 Measuring Instruments

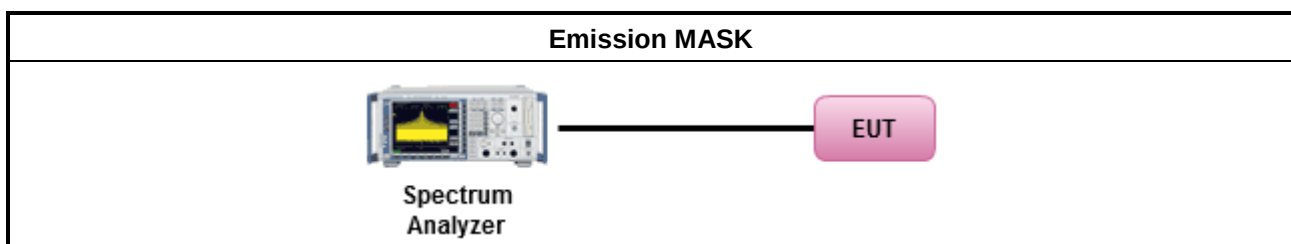
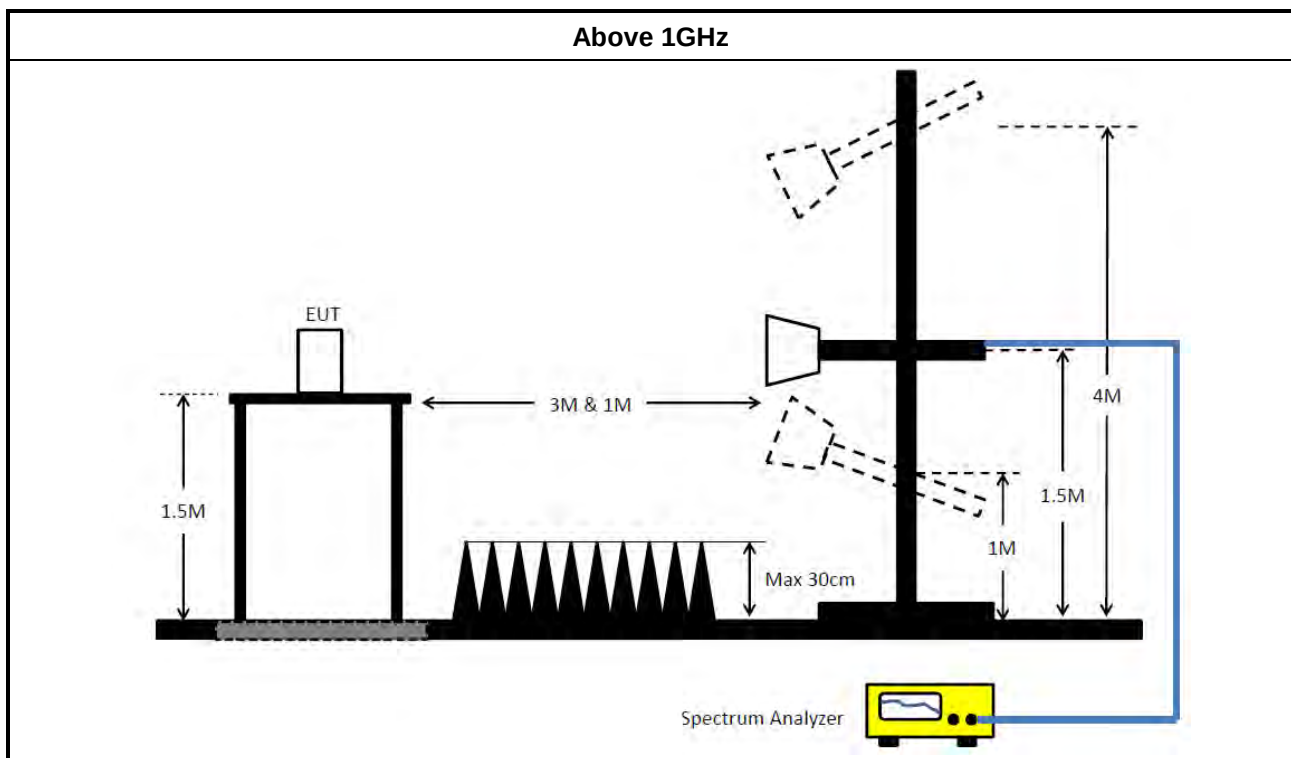
Refer a test equipment and calibration data table in this test report.

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, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
	☐ Refer as FCC KDB 789033, 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, 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, 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.

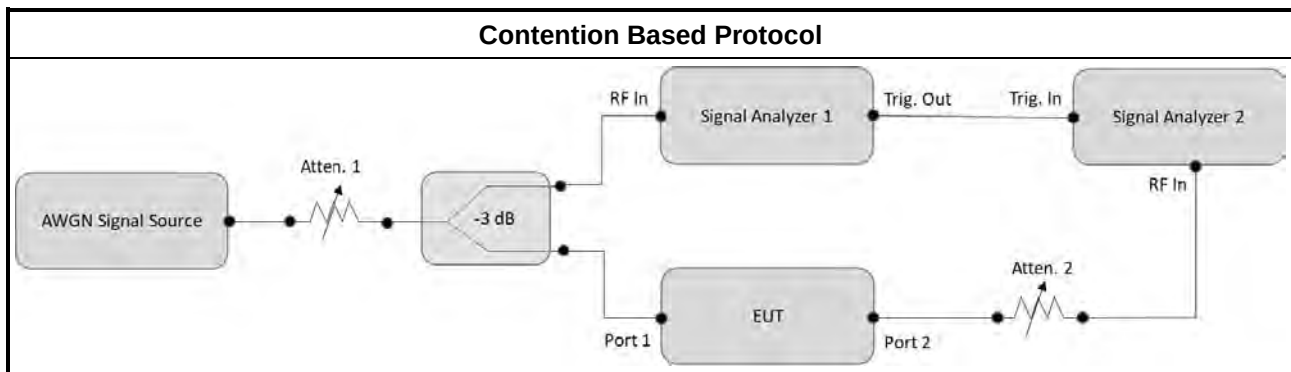
3.6.2 Measuring Instruments

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
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Feb. 25, 2026	Feb. 24, 2027	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Jan. 29, 2026	Jan. 28, 2027	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 14, 2025	May 13, 2026	Conduction (CO02-CB)
COND Cable	Woken	Cable	CO02	0.15MHz ~ 30MHz	Sep.14, 2025	Sep.13, 2026	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD9561F-N	00378	9kHz ~ 30MHz	Sep.14, 2025	Sep.13, 2026	Conduction (CO02-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO02-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)
EMI Test Receiver	Rohde&Schwarz	ESR7	103076	9kHz ~ 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)
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)
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)
Pre-Amplifier	EM	EM01G18GA	60844	1 ~ 18GHz	Mar. 10, 2026	Mar. 09, 2027	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 13, 2026	Jan. 12, 2027	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	Jan. 26, 2026	Jan. 25, 2027	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 13, 2026	Feb. 12, 2027	Radiation (03CH04-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18 GHz	Nov. 05, 2025	Nov. 04, 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. 13, 2026	Jan. 12, 2027	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH04-CB)
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)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 13, 2026	Feb. 12, 2027	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	EMCI	EMC12630SE	980383	1GHz ~ 18GHz	Jul. 30, 2025	Jul. 29, 2026	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 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)
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)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Jul. 04, 2025	Jul. 03, 2026	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	MY45100745	50MHz~18GHz	Jul. 04, 2025	Jul. 03, 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)
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	101026	9kHz~40GHz	Dec. 04, 2025	Dec. 03, 2026	Conducted (DF01-CB)
Vector Signal generator	R&S	SMW200A	109426	100kHz- 7.5GHz	Jan. 23, 2026	Jan. 22, 2027	Conducted (DF01-CB)
RF Power Divider	Titan	2 Way	DV-8G -09	2GHz ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (DF01-CB)
RF Power Divider	Titan	2 Way	DV-8G -10	2GHz ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (DF01-CB)

**RADIO TEST REPORT****Report No. : FR640714AC**

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-52	1 GHz –18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-53	1 GHz –18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-54	1 GHz –18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-56	1 GHz –18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (DF01-CB)

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

NCR means Non-Calibration required.



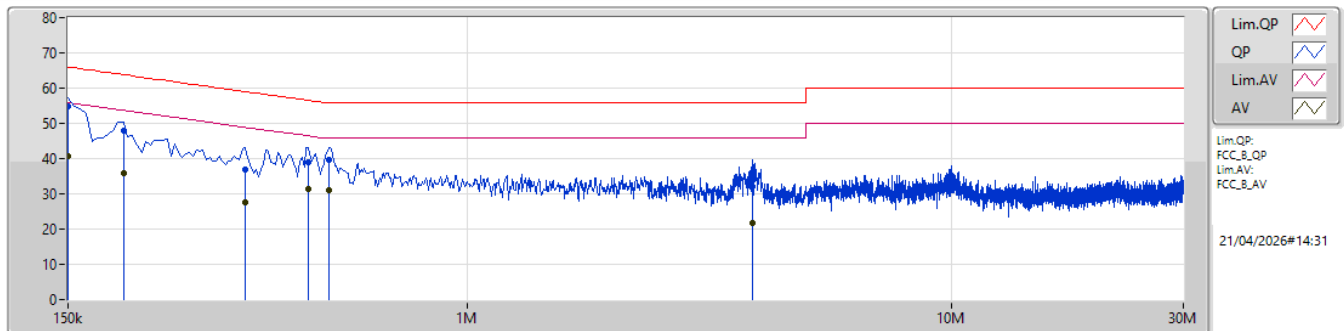
Conducted Emissions at Powerline

Appendix A

Summary

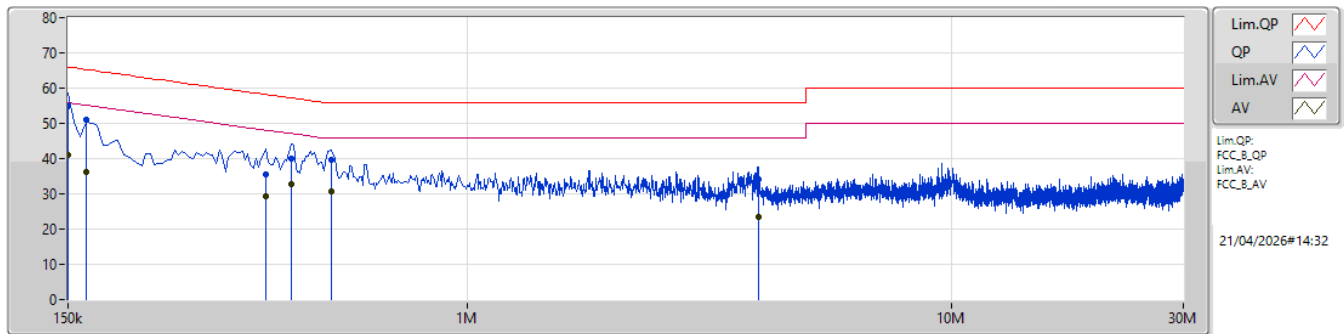
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	54.96	66.00	-11.04	Neutral

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	54.88	66.00	-11.12	10.48	Line	"Worst"	44.40	0.12	0.27	10.09						
AV	150k	40.59	56.00	-15.41	10.48	Line	-	30.11	0.12	0.27	10.09						
QP	195k	48.07	63.82	-15.75	10.32	Line	-	37.75	0.12	0.22	9.98						
AV	195k	35.77	53.82	-18.05	10.32	Line	-	25.45	0.12	0.22	9.98						
QP	348k	36.84	59.00	-22.16	10.46	Line	-	26.38	0.12	0.27	10.07						
AV	348k	27.52	49.00	-21.48	10.46	Line	-	17.06	0.12	0.27	10.07						
QP	469.5k	38.86	56.52	-17.66	10.50	Line	-	28.36	0.13	0.27	10.10						
AV	469.5k	31.40	46.52	-15.12	10.50	Line	-	20.90	0.13	0.27	10.10						
QP	519k	39.69	56.00	-16.31	10.50	Line	-	29.19	0.13	0.27	10.10						
AV	519k	30.96	46.00	-15.04	10.50	Line	-	20.46	0.13	0.27	10.10						
QP	3.881M	32.23	56.00	-23.77	10.60	Line	-	21.63	0.34	0.28	9.98						
AV	3.881M	21.58	46.00	-24.42	10.60	Line	-	10.98	0.34	0.28	9.98						

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	54.96	66.00	-11.04	10.48	Neutral	"Worst"	44.48	0.12	0.27	10.09						
AV	150k	40.94	56.00	-15.06	10.48	Neutral	-	30.46	0.12	0.27	10.09						
QP	163.5k	50.89	65.27	-14.38	10.43	Neutral	-	40.46	0.12	0.25	10.06						
AV	163.5k	36.13	55.27	-19.14	10.43	Neutral	-	25.70	0.12	0.25	10.06						
QP	384k	35.35	58.20	-22.85	10.49	Neutral	-	24.86	0.13	0.28	10.08						
AV	384k	29.48	48.20	-18.72	10.49	Neutral	-	18.99	0.13	0.28	10.08						
QP	433.5k	39.83	57.19	-17.36	10.50	Neutral	-	29.33	0.13	0.28	10.09						
AV	433.5k	32.77	47.19	-14.42	10.50	Neutral	-	22.27	0.13	0.28	10.09						
QP	523.5k	39.50	56.00	-16.50	10.51	Neutral	-	28.99	0.14	0.27	10.10						
AV	523.5k	30.70	46.00	-15.30	10.51	Neutral	-	20.19	0.14	0.27	10.10						
QP	3.993M	34.31	56.00	-21.69	10.56	Neutral	-	23.75	0.30	0.28	9.98						
AV	3.993M	23.41	46.00	-22.59	10.56	Neutral	-	12.85	0.30	0.28	9.98						

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	20.735M	16.662M	16M7D1D	19.745M	16.508M
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	21.285M	19.076M	19M1D1D	20.57M	18.948M
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	21.34M	19.027M	19M0D1D	20.79M	18.952M
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	39.93M	37.794M	37M8D1D	38.83M	37.545M
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	39.71M	37.789M	37M8D1D	38.83M	37.629M
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	81.4M	77.255M	77M3D1D	80.08M	76.949M
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	81.18M	77.389M	77M4D1D	80.08M	76.956M
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	163.24M	156.445M	156MD1D	161.92M	155.943M
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	163.68M	156.581M	157MD1D	161.92M	155.97M
802.11bn UHR320-BF_Nss1,(MCS0)_4TX	342.32M	315.808M	316MD1D	323.84M	314.637M
802.11bn UHR320-BF_Nss2,(MCS0)_4TX	376.64M	316.869M	317MD1D	323.84M	315.194M
6.425-6.525GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.065M	16.71M	16M7D1D	20.13M	16.513M
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	21.56M	19.097M	19M1D1D	20.13M	18.937M
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	21.505M	19.127M	19M1D1D	20.515M	18.931M
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	39.82M	37.874M	37M9D1D	38.94M	37.611M
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	39.82M	37.768M	37M8D1D	39.05M	37.574M
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	81.4M	77.197M	77M2D1D	80.3M	77.013M
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	81.84M	77.255M	77M3D1D	80.08M	76.956M
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	163.68M	156.225M	156MD1D	162.36M	155.97M
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	165M	156.502M	157MD1D	161.92M	156.12M
802.11bn UHR320-BF_Nss1,(MCS0)_4TX	326.48M	315.532M	316MD1D	323.84M	315.12M
802.11bn UHR320-BF_Nss2,(MCS0)_4TX	335.28M	316.399M	316MD1D	323.84M	315.519M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.23M	16.681M	16M7D1D	20.57M	16.597M
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	21.505M	19.053M	19M1D1D	20.625M	18.948M
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	21.395M	19.065M	19M1D1D	20.35M	18.948M
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	40.04M	37.845M	37M8D1D	38.94M	37.588M
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	39.93M	37.788M	37M8D1D	39.05M	37.564M
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	81.84M	77.301M	77M3D1D	80.08M	76.929M
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	81.84M	77.289M	77M3D1D	79.86M	77.068M
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	164.12M	156.459M	156MD1D	161.92M	155.949M
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	163.24M	156.406M	156MD1D	161.48M	156.015M
802.11bn UHR320-BF_Nss1,(MCS0)_4TX	363.44M	315.551M	316MD1D	323.84M	314.81M
802.11bn UHR320-BF_Nss2,(MCS0)_4TX	329.12M	316.032M	316MD1D	325.6M	315.165M
6.875-7.125GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.395M	16.663M	16M7D1D	20.57M	16.556M
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	21.395M	19.046M	19M0D1D	20.57M	18.984M
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	21.45M	19.094M	19M1D1D	20.735M	18.973M
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	39.49M	37.728M	37M7D1D	39.05M	37.626M
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	39.71M	37.747M	37M7D1D	38.83M	37.654M
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	82.06M	77.232M	77M2D1D	80.08M	76.889M
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	85.8M	77.48M	77M5D1D	80.08M	77.126M
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	163.68M	156.43M	156MD1D	161.92M	156.102M
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	162.8M	156.404M	156MD1D	161.92M	156.045M

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	20.185M	16.578M	20.735M	16.591M	20.405M	16.515M	20.68M	16.535M
6195MHz	Pass	320M	20.13M	16.61M	20.295M	16.582M	20.625M	16.529M	20.57M	16.614M
6415MHz	Pass	320M	19.745M	16.662M	20.405M	16.592M	20.02M	16.508M	20.02M	16.544M
6435MHz	Pass	320M	20.735M	16.542M	20.515M	16.71M	20.13M	16.559M	21.01M	16.513M
6475MHz	Pass	320M	21.065M	16.604M	20.845M	16.607M	20.35M	16.602M	20.79M	16.55M
6515MHz	Pass	320M	20.13M	16.636M	21.065M	16.597M	20.57M	16.601M	20.68M	16.625M
6535MHz	Pass	320M	20.735M	16.666M	20.79M	16.6M	21.065M	16.632M	21.065M	16.636M
6695MHz	Pass	320M	20.845M	16.681M	21.23M	16.597M	20.9M	16.606M	20.9M	16.642M
6855MHz	Pass	320M	21.065M	16.671M	20.57M	16.6M	21.065M	16.629M	20.735M	16.601M
6875MHz	Pass	320M	20.68M	16.63M	20.9M	16.639M	20.955M	16.615M	20.68M	16.665M
6995MHz	Pass	320M	21.12M	16.65M	20.57M	16.648M	21.395M	16.663M	20.9M	16.654M
7055MHz	Pass	320M	21.23M	16.617M	20.625M	16.59M	20.955M	16.556M	20.955M	16.593M
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	320M	21.285M	18.962M	20.79M	19.076M	20.735M	18.952M	21.175M	19.004M
6195MHz	Pass	320M	20.57M	18.962M	21.01M	19.035M	20.955M	18.987M	21.01M	18.985M
6415MHz	Pass	320M	20.625M	18.981M	21.23M	18.99M	21.065M	18.959M	21.23M	18.948M
6435MHz	Pass	320M	21.505M	18.982M	21.395M	18.937M	21.01M	19.016M	20.735M	19.097M
6475MHz	Pass	320M	21.56M	19.006M	20.405M	18.97M	21.175M	19.034M	21.23M	19.014M
6515MHz	Pass	320M	20.13M	19.009M	20.68M	19.083M	21.01M	18.981M	20.845M	18.981M
6535MHz	Pass	320M	20.845M	19.015M	20.9M	19.051M	21.505M	19.005M	21.505M	19.053M
6695MHz	Pass	320M	21.34M	18.991M	21.505M	19.045M	21.45M	18.962M	20.68M	18.999M
6855MHz	Pass	320M	21.23M	19.012M	21.175M	18.948M	20.845M	19.01M	21.12M	18.949M
6875MHz	Pass	320M	21.065M	19.013M	21.505M	18.948M	21.175M	18.976M	20.625M	18.968M
6995MHz	Pass	320M	20.845M	19.005M	20.57M	18.991M	21.175M	18.987M	21.395M	18.984M
7055MHz	Pass	320M	20.735M	19.046M	20.57M	18.995M	21.12M	19.004M	21.34M	18.984M
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	320M	39.49M	37.695M	39.49M	37.557M	39.93M	37.621M	39.16M	37.737M
6205MHz	Pass	320M	39.38M	37.649M	39.93M	37.545M	39.6M	37.648M	38.83M	37.794M
6405MHz	Pass	320M	39.27M	37.695M	39.16M	37.73M	39.38M	37.712M	38.94M	37.735M
6445MHz	Pass	320M	38.94M	37.874M	39.6M	37.624M	39.71M	37.773M	39.6M	37.611M
6485MHz	Pass	320M	39.38M	37.678M	39.71M	37.716M	39.82M	37.732M	39.49M	37.75M
6525MHz	Pass	320M	39.49M	37.713M	39.05M	37.617M	39.71M	37.699M	39.49M	37.713M
6565MHz	Pass	320M	39.38M	37.753M	39.49M	37.685M	39.27M	37.619M	39.27M	37.71M
6685MHz	Pass	320M	39.6M	37.588M	39.16M	37.774M	40.04M	37.704M	39.16M	37.695M
6845MHz	Pass	320M	39.93M	37.719M	39.6M	37.692M	39.16M	37.713M	39.82M	37.775M
6885MHz	Pass	320M	39.93M	37.807M	38.94M	37.662M	39.93M	37.785M	39.27M	37.845M
7005MHz	Pass	320M	39.16M	37.695M	39.05M	37.626M	39.16M	37.659M	39.05M	37.694M
7045MHz	Pass	320M	39.49M	37.677M	39.49M	37.701M	39.27M	37.728M	39.38M	37.707M
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	320M	80.74M	77.088M	80.08M	76.988M	80.96M	77.198M	80.52M	77.079M
6225MHz	Pass	320M	81.4M	77.255M	80.74M	77.02M	80.52M	77.08M	80.52M	76.949M
6385MHz	Pass	320M	80.08M	77.157M	81.4M	77.062M	80.3M	76.987M	80.52M	77.231M
6465MHz	Pass	320M	80.96M	77.128M	80.3M	77.197M	80.3M	77.18M	80.3M	77.097M
6545MHz	Pass	320M	80.74M	77.142M	80.74M	77.172M	81.4M	77.148M	80.52M	77.013M
6625MHz	Pass	320M	80.96M	77.045M	80.96M	77.001M	81.84M	77.198M	80.74M	77.102M
6705MHz	Pass	320M	80.52M	77.041M	80.08M	77.247M	80.3M	77.198M	80.08M	77.038M
6785MHz	Pass	320M	81.18M	76.979M	80.74M	77.233M	80.96M	77.062M	80.74M	77.157M
6865MHz	Pass	320M	80.74M	77.141M	80.3M	77.192M	80.3M	77.301M	81.18M	76.929M
6945MHz	Pass	320M	81.4M	77.125M	80.74M	77.058M	80.52M	77.232M	80.3M	76.889M
7025MHz	Pass	320M	82.06M	77.1M	80.3M	77.009M	80.08M	77.103M	80.52M	77.066M
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	320M	163.24M	155.949M	161.92M	156.072M	162.36M	156.132M	162.36M	155.943M
6185MHz	Pass	320M	162.8M	156.335M	161.92M	156.268M	162.36M	156.036M	161.92M	156.212M
6345MHz	Pass	320M	162.8M	156.072M	162.36M	156.445M	163.24M	156.076M	161.92M	156.041M

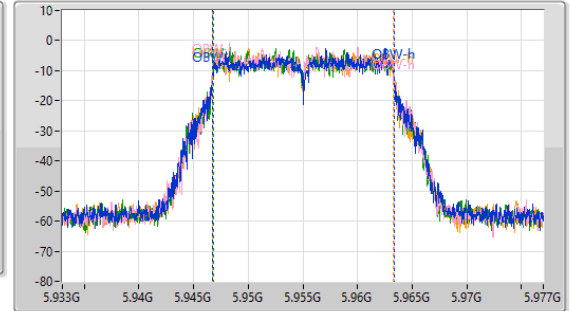
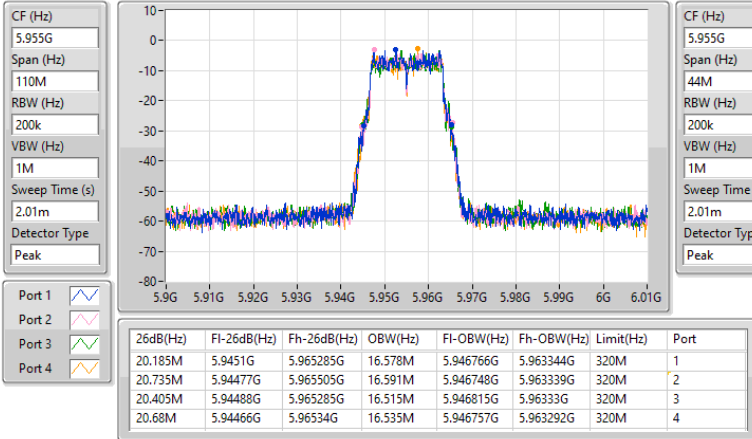
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
6505MHz	Pass	320M	162.36M	156.205M	162.8M	156.197M	162.8M	156.225M	163.68M	155.97M
6665MHz	Pass	320M	164.12M	156.215M	163.24M	156.047M	163.24M	156.459M	161.92M	156.11M
6825MHz	Pass	320M	163.24M	156.111M	162.36M	156.085M	161.92M	156.137M	163.68M	155.949M
6985MHz	Pass	320M	162.8M	156.43M	161.92M	156.294M	161.92M	156.193M	163.68M	156.102M
802.11bn UHR320-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	320M	323.84M	314.691M	342.32M	314.637M	323.84M	314.833M	326.48M	315.113M
6265MHz	Pass	320M	324.72M	315.581M	341.44M	315.277M	323.84M	315.595M	324.72M	315.696M
6425MHz	Pass	320M	323.84M	315.025M	323.84M	315.808M	323.84M	315.22M	328.24M	315.314M
6585MHz	Pass	320M	323.84M	315.178M	324.72M	315.477M	326.48M	315.532M	323.84M	315.12M
6745MHz	Pass	320M	326.48M	315.122M	324.72M	315.551M	324.72M	315.124M	326.48M	315.019M
6905MHz	Pass	320M	323.84M	315.446M	325.6M	315.495M	363.44M	315.469M	336.16M	314.81M
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	320M	20.845M	18.952M	21.01M	18.992M	21.12M	19.024M	20.955M	19.01M
6195MHz	Pass	320M	20.79M	19.007M	21.23M	18.962M	21.175M	18.979M	21.23M	18.966M
6415MHz	Pass	320M	21.01M	18.968M	21.065M	19.027M	21.34M	19.013M	21.065M	18.991M
6435MHz	Pass	320M	20.79M	19.026M	21.065M	19.013M	21.505M	18.981M	21.175M	19.058M
6475MHz	Pass	320M	21.01M	18.962M	20.68M	19.02M	21.175M	18.993M	21.12M	19.017M
6515MHz	Pass	320M	20.515M	19.127M	21.395M	18.931M	20.9M	19M	20.845M	19.002M
6535MHz	Pass	320M	21.12M	18.986M	21.065M	19.013M	21.285M	19.014M	21.285M	18.981M
6695MHz	Pass	320M	21.01M	19.038M	21.12M	18.971M	21.065M	18.974M	20.35M	19.006M
6855MHz	Pass	320M	21.065M	19.065M	20.735M	18.972M	21.285M	18.956M	20.735M	19.01M
6875MHz	Pass	320M	20.57M	18.984M	20.845M	19.023M	21.395M	18.948M	21.12M	19.009M
6995MHz	Pass	320M	21.45M	19.033M	21.01M	18.987M	20.735M	19.094M	20.735M	19.004M
7055MHz	Pass	320M	21.175M	18.974M	21.01M	19.013M	21.23M	18.975M	20.79M	18.973M
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	320M	39.49M	37.631M	39.16M	37.629M	39.05M	37.649M	39.49M	37.743M
6205MHz	Pass	320M	39.27M	37.765M	38.94M	37.696M	39.49M	37.723M	39.16M	37.703M
6405MHz	Pass	320M	39.27M	37.789M	39.71M	37.689M	39.38M	37.776M	38.83M	37.691M
6445MHz	Pass	320M	39.05M	37.711M	39.16M	37.733M	39.6M	37.719M	39.05M	37.726M
6485MHz	Pass	320M	39.49M	37.725M	39.49M	37.628M	39.6M	37.768M	39.49M	37.765M
6525MHz	Pass	320M	39.6M	37.72M	39.82M	37.574M	39.82M	37.725M	39.38M	37.645M
6565MHz	Pass	320M	39.6M	37.742M	39.6M	37.611M	39.38M	37.658M	39.16M	37.567M
6685MHz	Pass	320M	39.6M	37.671M	39.49M	37.697M	39.6M	37.638M	39.16M	37.564M
6845MHz	Pass	320M	39.71M	37.657M	39.27M	37.67M	39.93M	37.654M	39.49M	37.634M
6885MHz	Pass	320M	39.27M	37.71M	39.93M	37.615M	39.05M	37.753M	39.38M	37.788M
7005MHz	Pass	320M	39.16M	37.654M	38.83M	37.737M	39.16M	37.661M	39.27M	37.711M
7045MHz	Pass	320M	39.71M	37.747M	39.49M	37.688M	39.16M	37.745M	38.94M	37.728M
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	320M	80.08M	77.24M	80.3M	77.317M	80.96M	76.956M	80.96M	77.09M
6225MHz	Pass	320M	80.08M	77.159M	81.18M	77.123M	80.52M	77.124M	80.08M	77.091M
6385MHz	Pass	320M	80.74M	77.389M	80.52M	77.014M	80.52M	77.241M	80.74M	77.15M
6465MHz	Pass	320M	80.52M	77.052M	80.52M	77.255M	80.74M	77.073M	81.18M	77.208M
6545MHz	Pass	320M	81.84M	77.204M	80.74M	77.145M	80.08M	77.202M	81.62M	76.956M
6625MHz	Pass	320M	81.18M	77.087M	80.52M	77.209M	81.18M	77.121M	80.3M	77.22M
6705MHz	Pass	320M	81.4M	77.111M	80.52M	77.24M	80.74M	77.106M	80.52M	77.068M
6785MHz	Pass	320M	80.96M	77.17M	80.96M	77.222M	80.96M	77.221M	79.86M	77.253M
6865MHz	Pass	320M	81.84M	77.289M	80.52M	77.106M	80.96M	77.157M	80.3M	77.127M
6945MHz	Pass	320M	80.96M	77.176M	85.8M	77.316M	80.96M	77.212M	80.08M	77.166M
7025MHz	Pass	320M	80.52M	77.16M	80.74M	77.181M	80.3M	77.126M	80.3M	77.48M
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	320M	161.92M	156.115M	162.36M	155.97M	163.68M	156.197M	162.36M	156.32M
6185MHz	Pass	320M	162.36M	156.195M	162.36M	156.068M	161.92M	156.451M	162.8M	156.343M
6345MHz	Pass	320M	163.68M	156.197M	162.36M	156.334M	162.36M	156.452M	163.68M	156.581M
6505MHz	Pass	320M	161.92M	156.502M	163.68M	156.41M	164.56M	156.12M	165M	156.258M
6665MHz	Pass	320M	161.92M	156.231M	161.92M	156.148M	162.8M	156.052M	161.92M	156.203M
6825MHz	Pass	320M	163.24M	156.093M	161.92M	156.336M	163.24M	156.406M	161.48M	156.015M

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)
6985MHz	Pass	320M	162.8M	156.404M	162.36M	156.112M	161.92M	156.192M	161.92M	156.045M
802.11bn UHR320-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	320M	324.72M	315.387M	326.48M	315.31M	324.72M	315.27M	324.72M	315.194M
6265MHz	Pass	320M	345.84M	315.247M	346.72M	316.869M	329.12M	316.21M	376.64M	316.831M
6425MHz	Pass	320M	323.84M	315.432M	324.72M	315.333M	325.6M	315.327M	323.84M	315.924M
6585MHz	Pass	320M	323.84M	315.519M	335.28M	316.399M	326.48M	315.736M	324.72M	315.765M
6745MHz	Pass	320M	325.6M	315.269M	325.6M	315.54M	329.12M	316.032M	325.6M	315.406M
6905MHz	Pass	320M	325.6M	315.231M	325.6M	315.647M	326.48M	315.165M	325.6M	315.332M

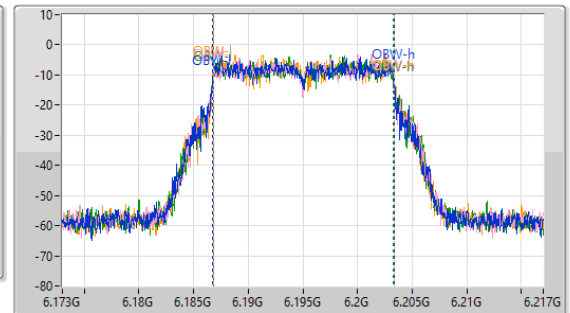
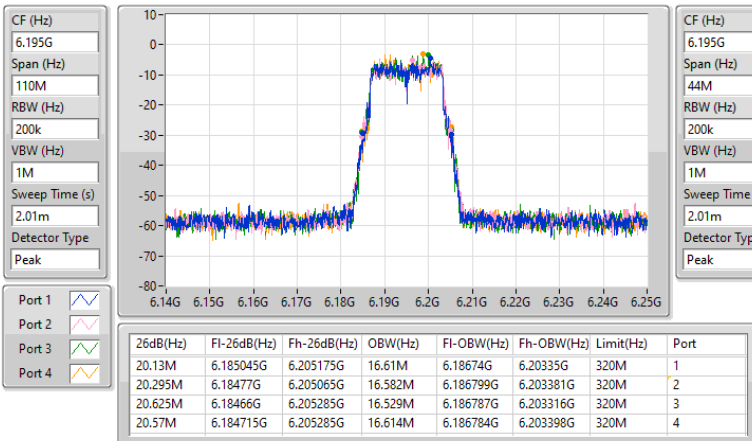
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5955MHz

01/06/2026

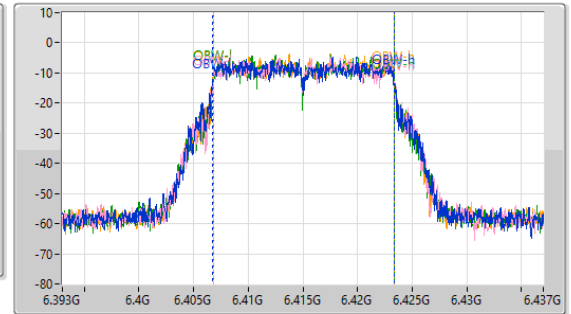
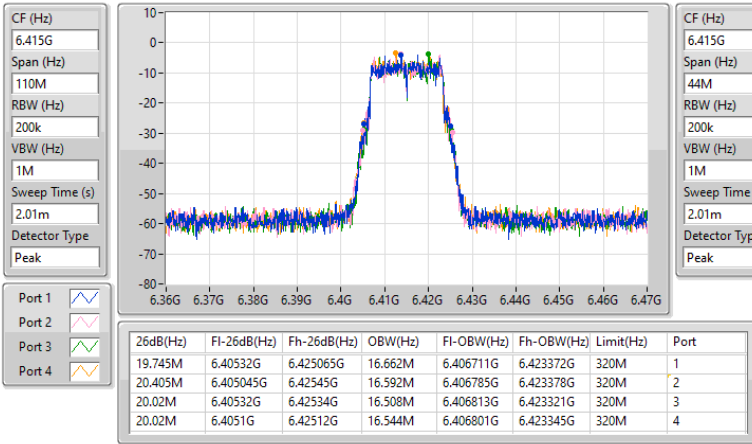

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
6195MHz

01/06/2026

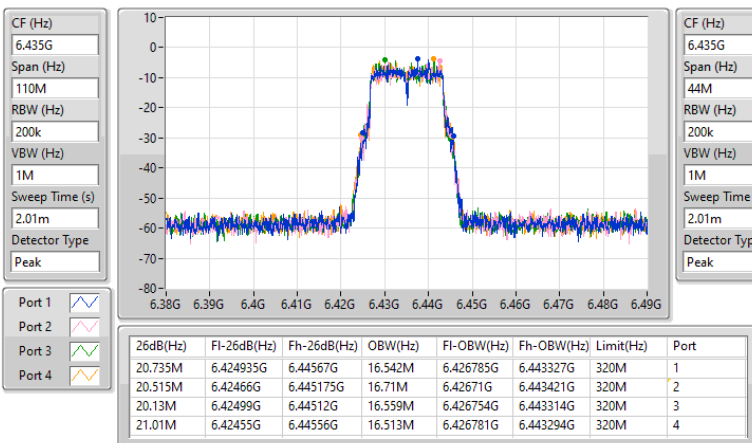


5.925-6.425GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
6415MHz

01/06/2026

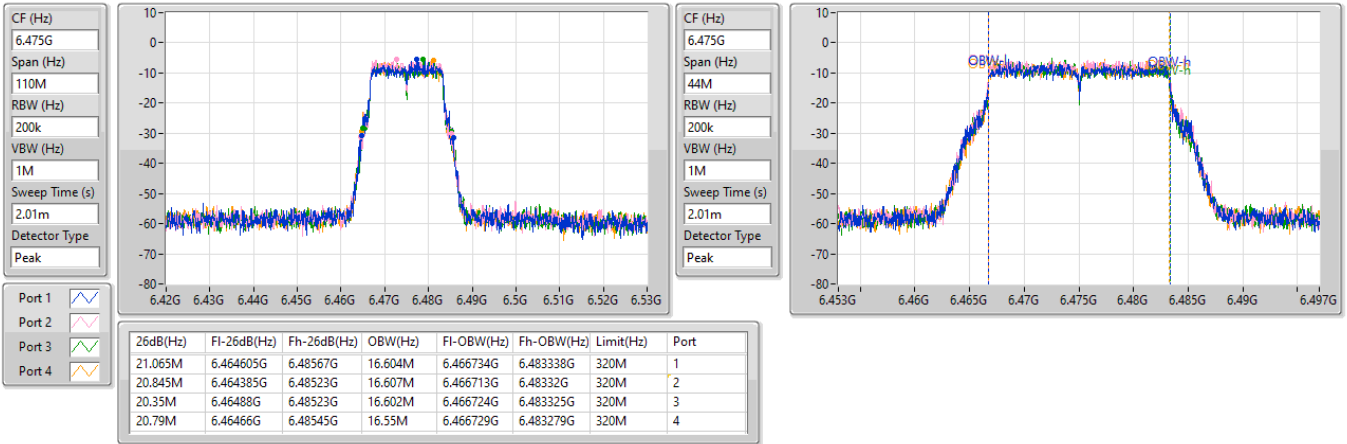

6.425-6.525GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
6435MHz

01/06/2026

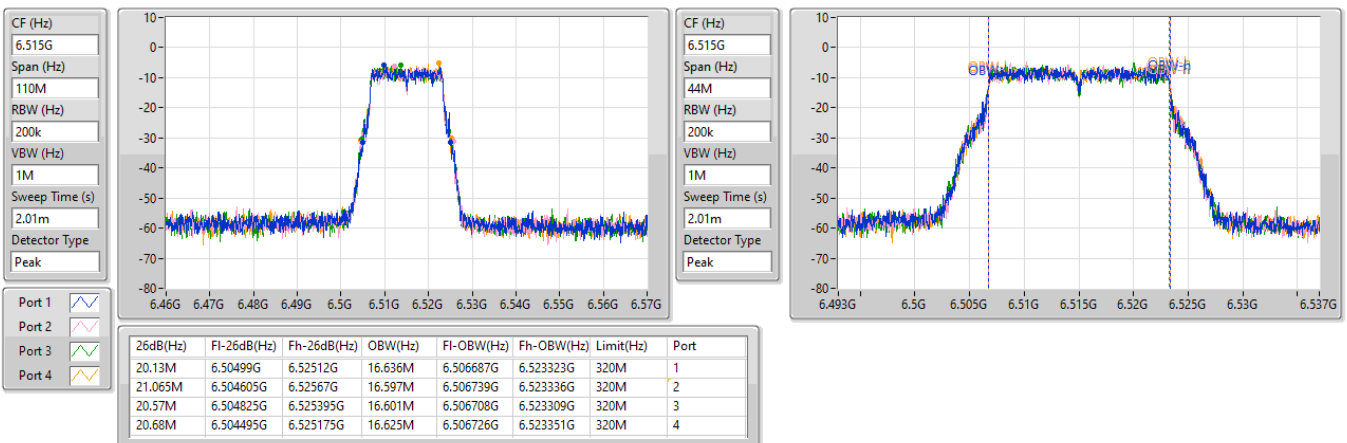


6.425-6.525GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
6475MHz

01/06/2026

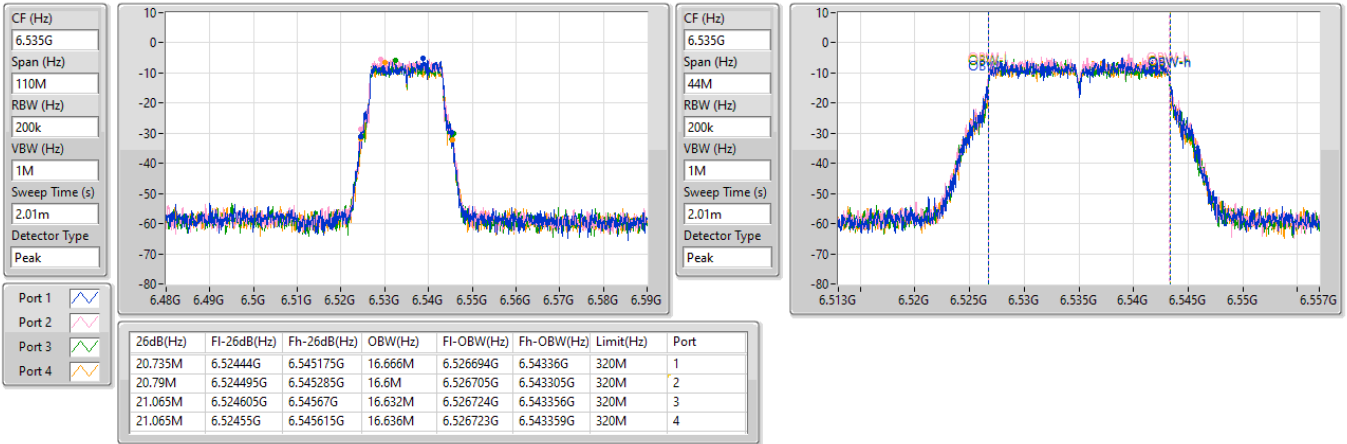

6.425-6.525GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
6515MHz

01/06/2026

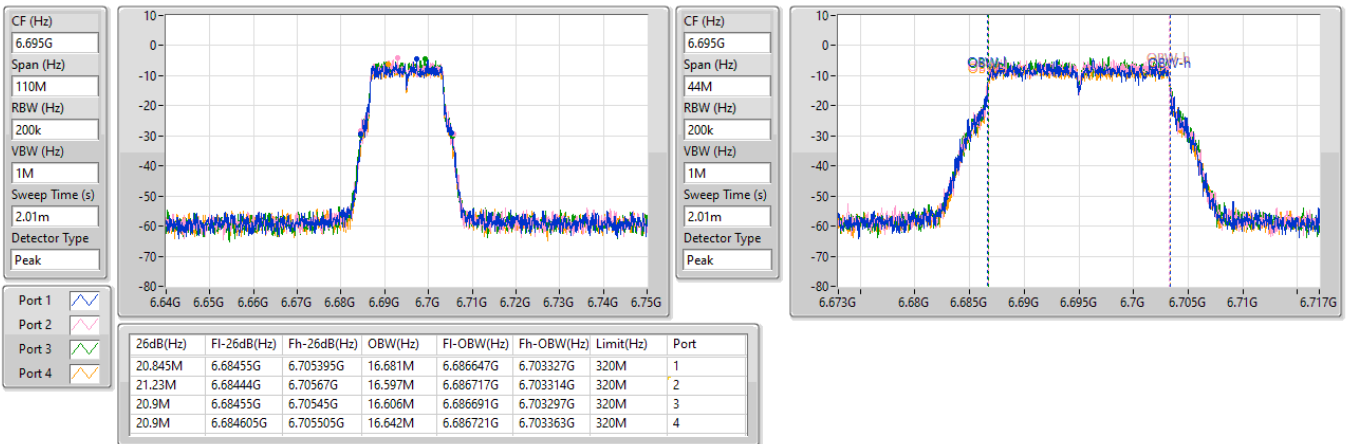


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
6535MHz

01/06/2026

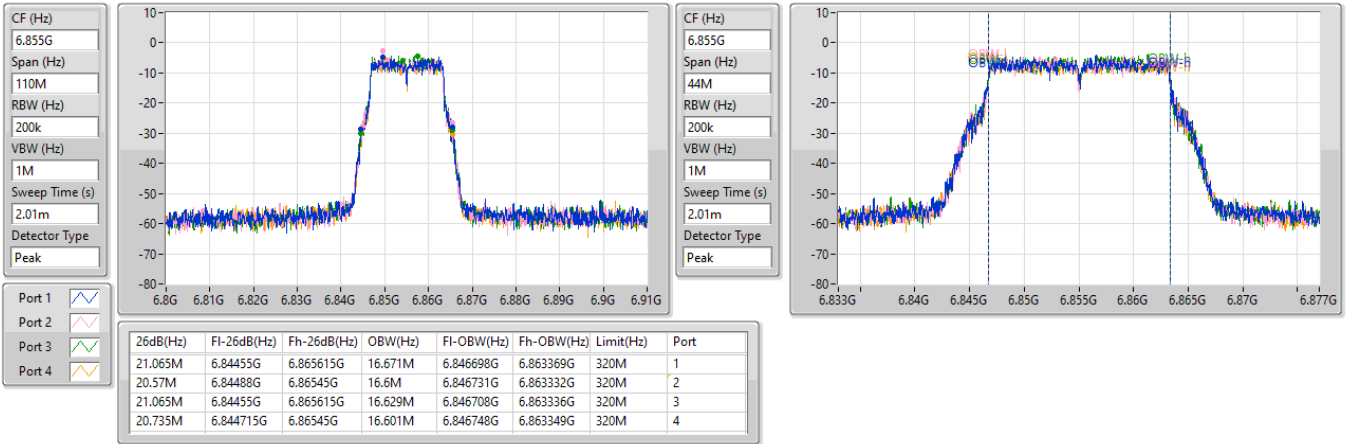

6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
6695MHz

01/06/2026

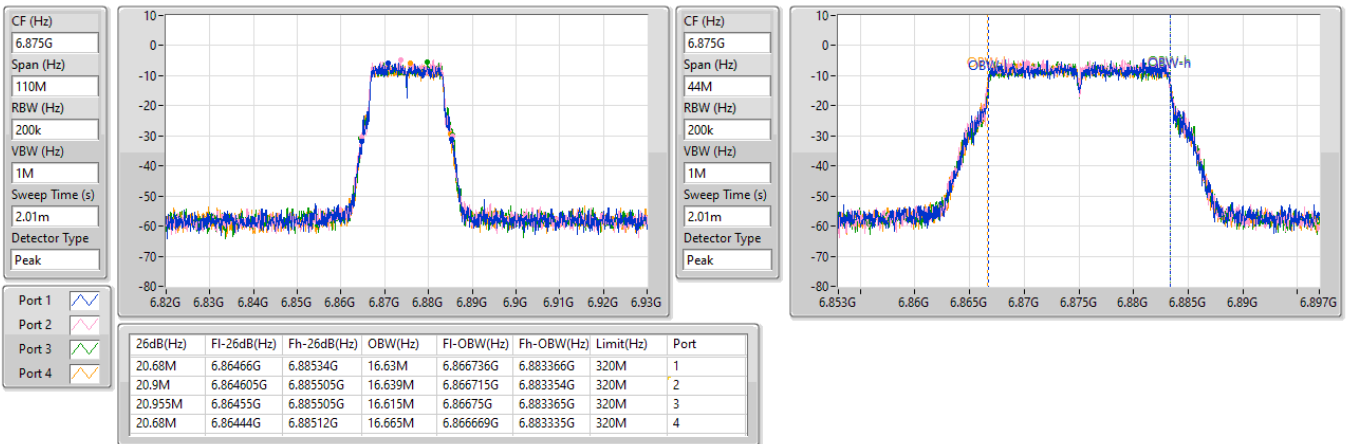


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
6855MHz

01/06/2026

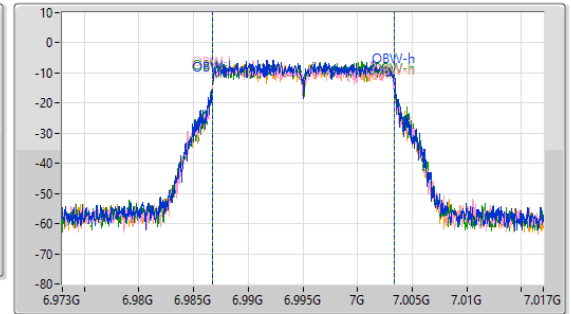
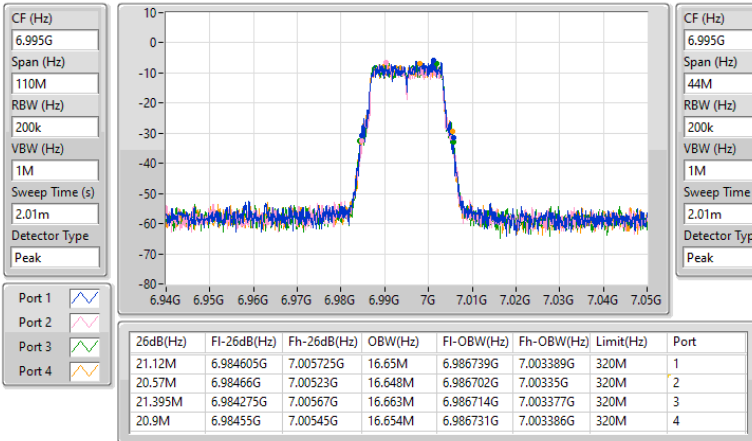

6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
6875MHz

01/06/2026

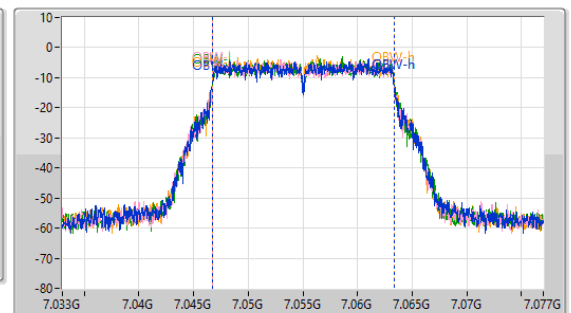
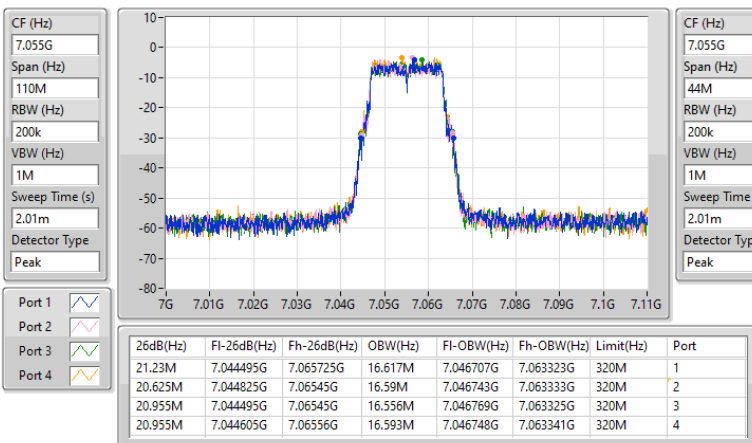


6.875-7.125GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
6995MHz

01/06/2026


6.875-7.125GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
7055MHz

01/06/2026

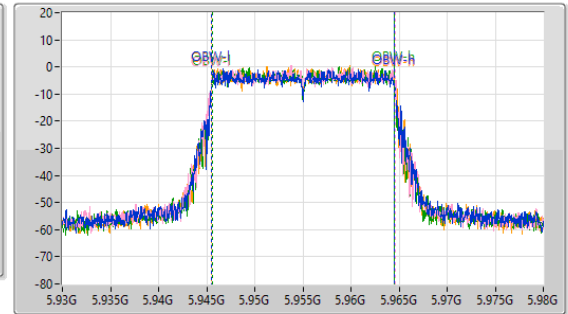
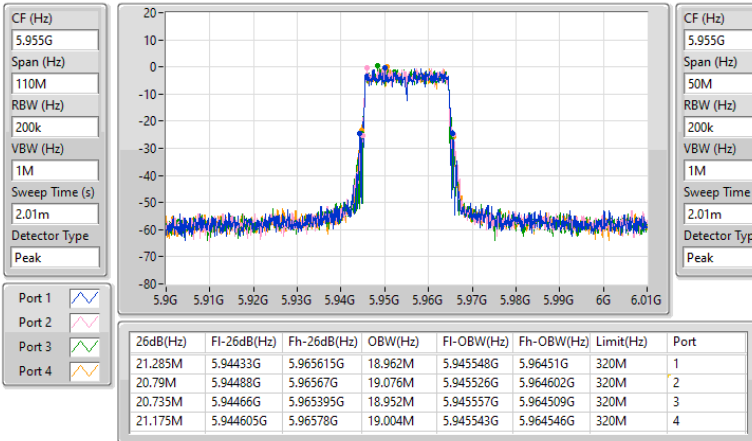


5.925-6.425GHz_802.11bn UHR20-BF_Nss1,(MCS0)_4TX

EBW

5955MHz

01/06/2026

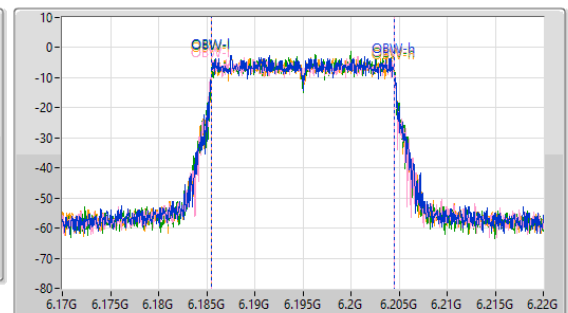
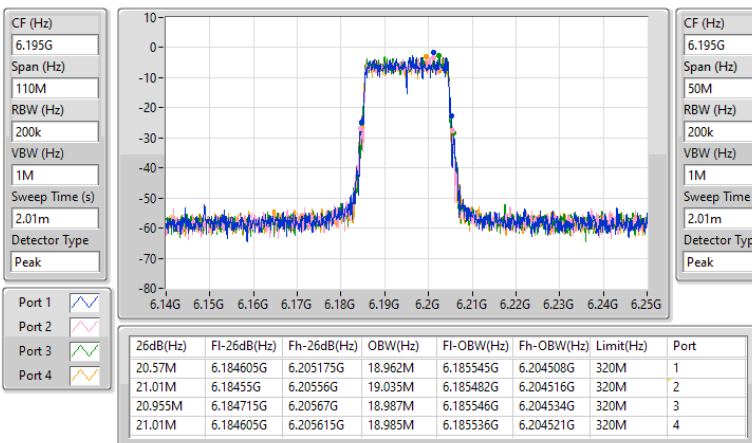


5.925-6.425GHz_802.11bn UHR20-BF_Nss1,(MCS0)_4TX

EBW

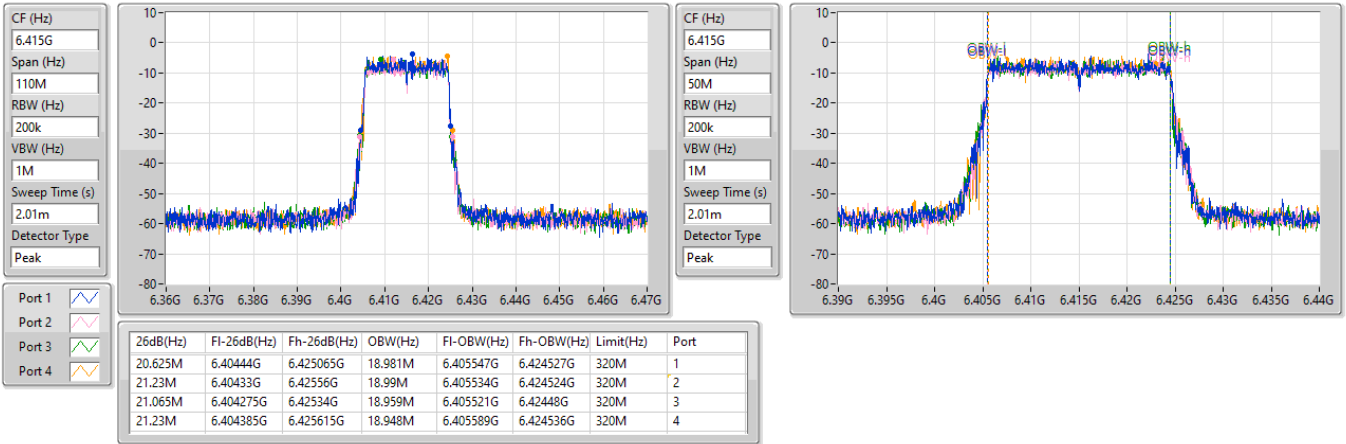
6195MHz

01/06/2026

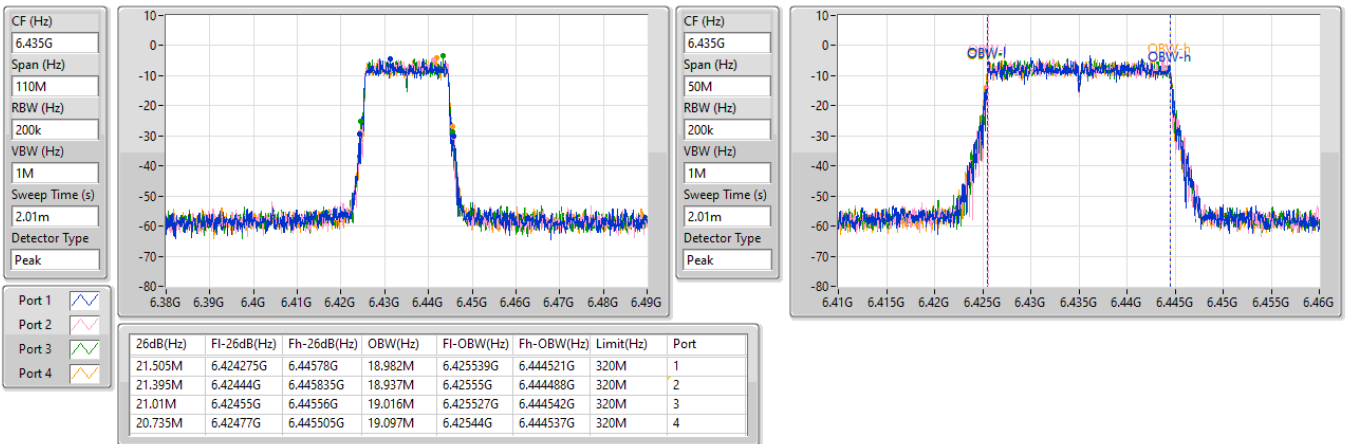


5.925-6.425GHz_802.11bn UHR20-BF_Nss1,(MCS0)_4TX
EBW
6415MHz

01/06/2026


6.425-6.525GHz_802.11bn UHR20-BF_Nss1,(MCS0)_4TX
EBW
6435MHz

01/06/2026

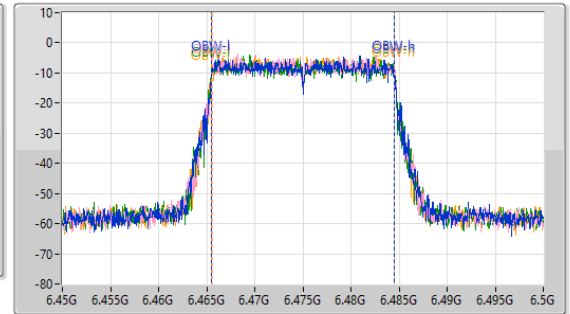
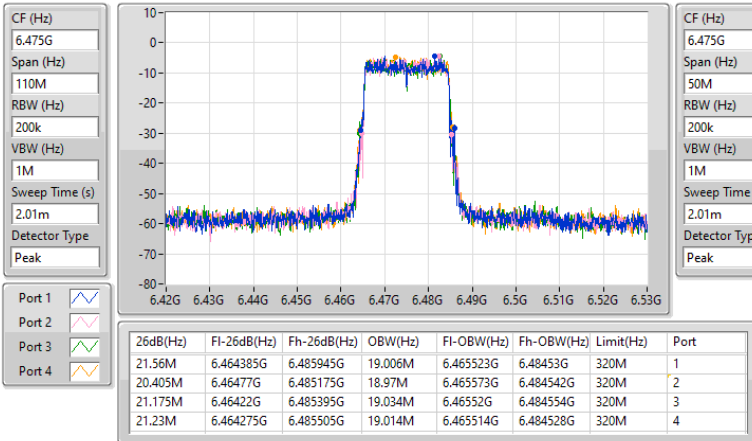


6.425-6.525GHz_802.11bn UHR20-BF_Nss1,(MCS0)_4TX

EBW

6475MHz

01/06/2026

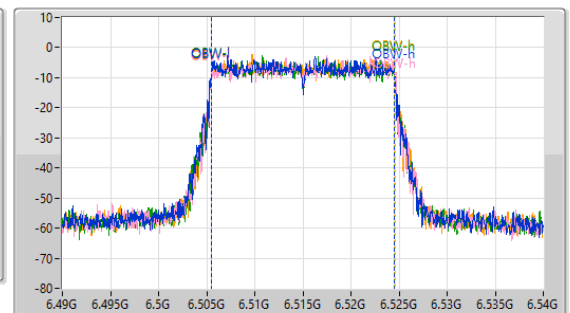
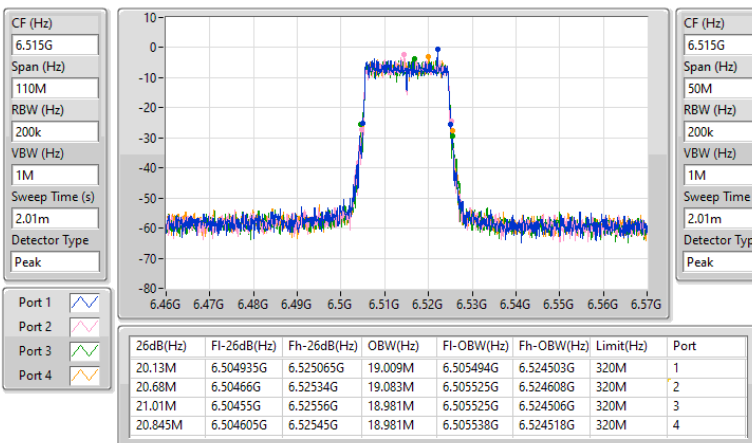


6.425-6.525GHz_802.11bn UHR20-BF_Nss1,(MCS0)_4TX

EBW

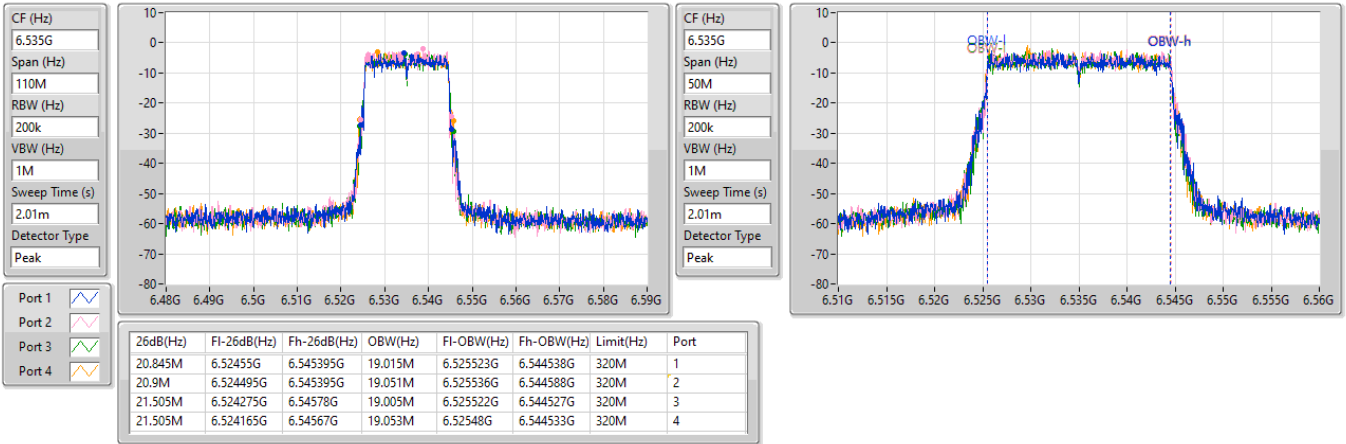
6515MHz

01/06/2026

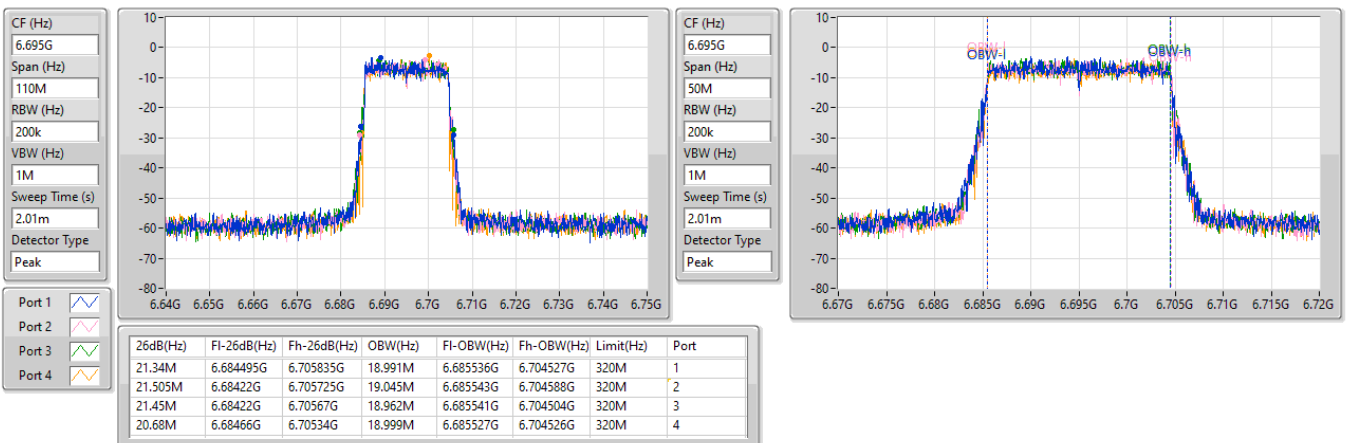


6.525-6.875GHz_802.11bn UHR20-BF_Nss1,(MCS0)_4TX
EBW
6535MHz

01/06/2026


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

01/06/2026

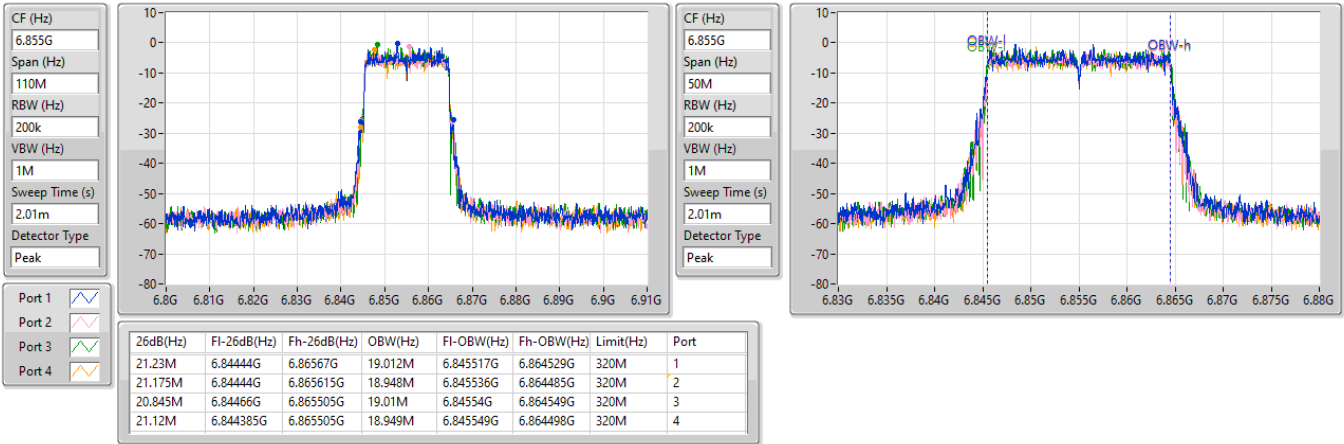


6.525-6.875GHz_802.11bn UHR20-BF_Nss1,(MCS0)_4TX

EBW

6855MHz

01/06/2026

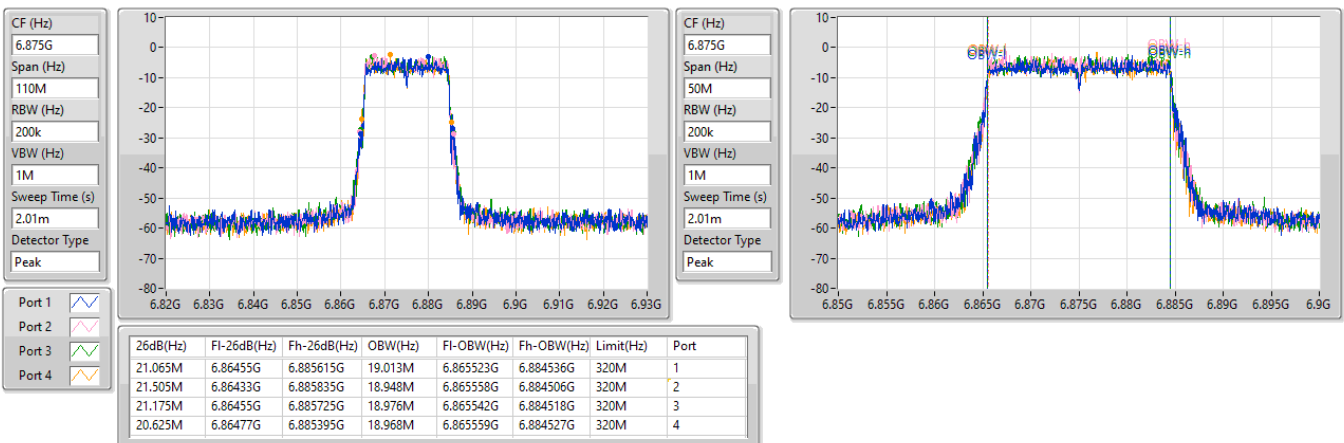


6.525-6.875GHz_802.11bn UHR20-BF_Nss1,(MCS0)_4TX

EBW

6875MHz

01/06/2026

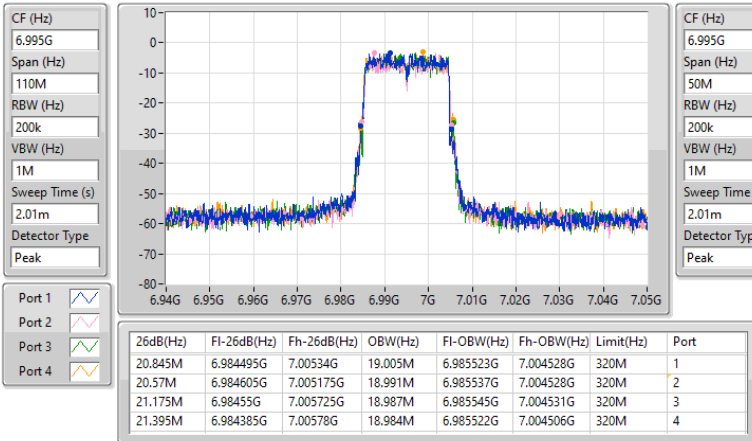


6.875-7.125GHz_802.11bn UHR20-BF_Nss1,(MCS0)_4TX

EBW

6995MHz

01/06/2026

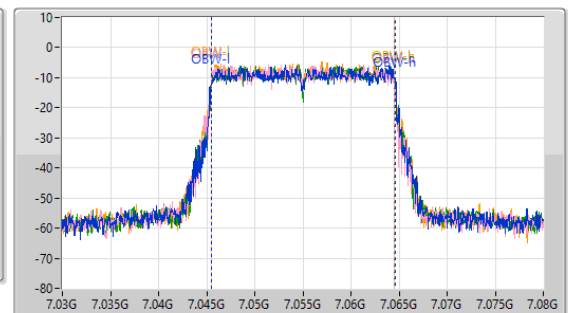
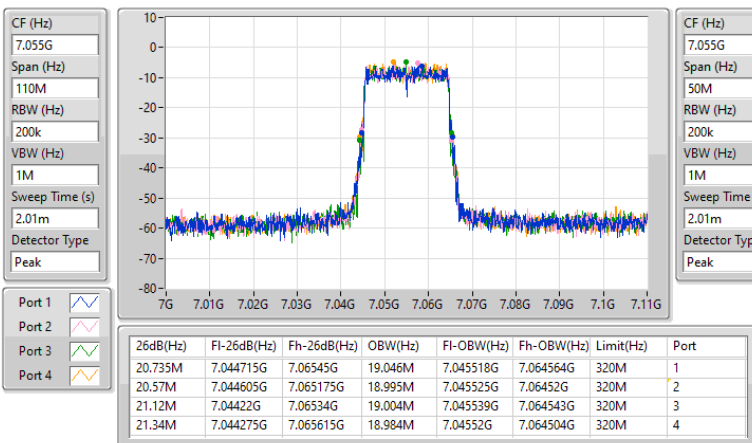


6.875-7.125GHz_802.11bn UHR20-BF_Nss1,(MCS0)_4TX

EBW

7055MHz

01/06/2026

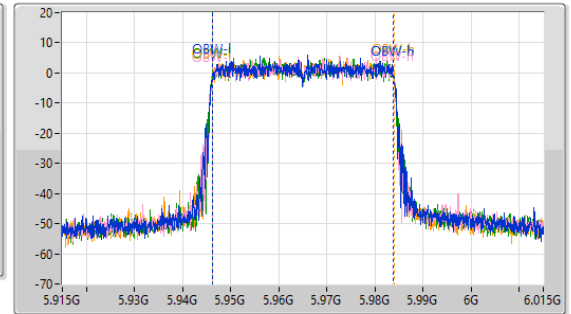
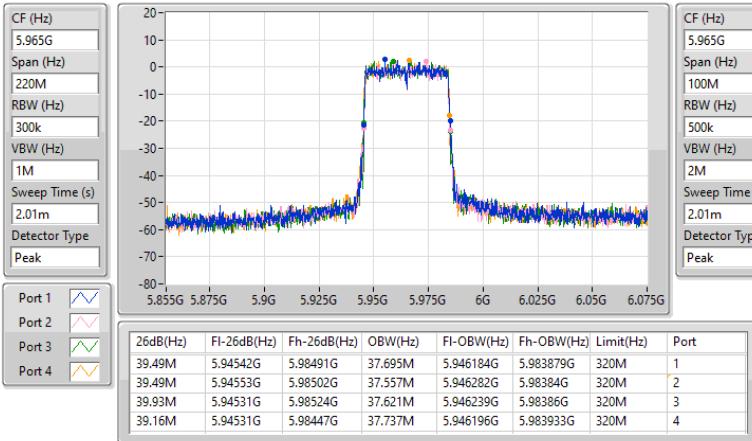


5.925-6.425GHz_802.11bn UHR40-BF_Nss1,(MCS0)_4TX

EBW

5965MHz

01/06/2026

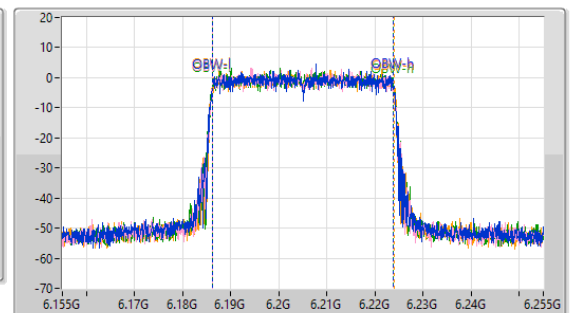
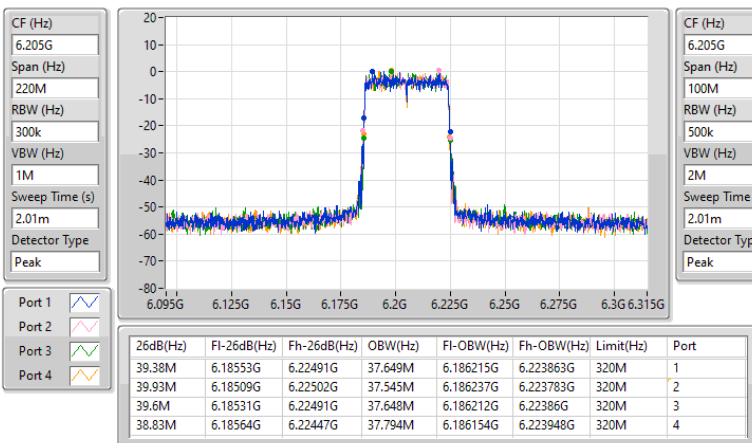


5.925-6.425GHz_802.11bn UHR40-BF_Nss1,(MCS0)_4TX

EBW

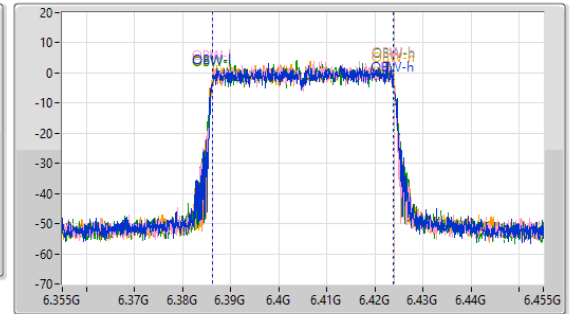
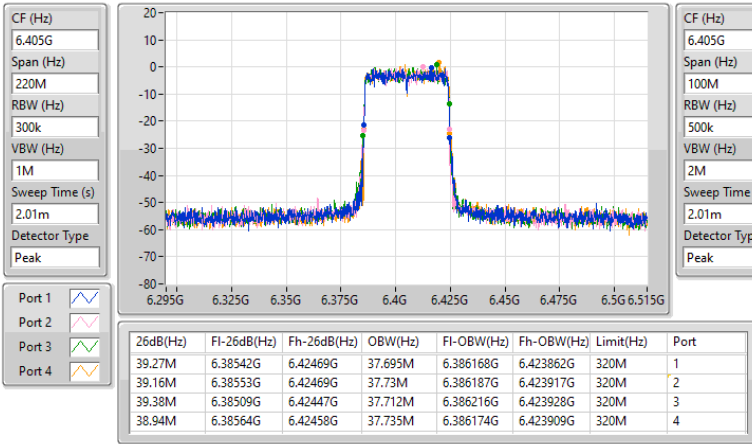
6205MHz

01/06/2026

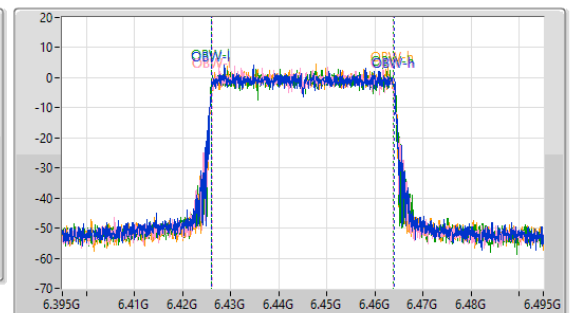
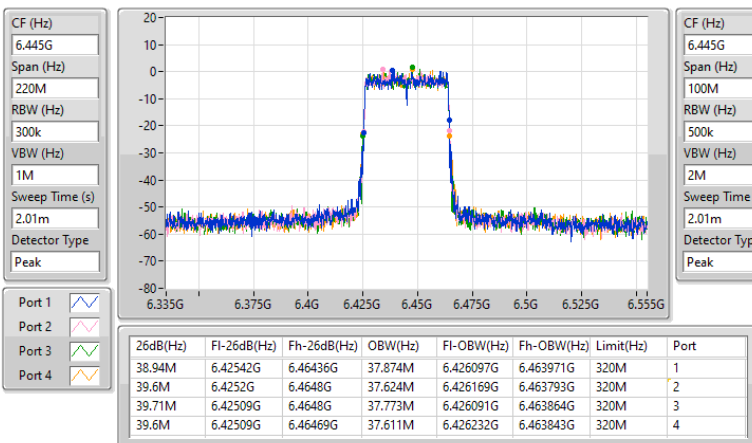


5.925-6.425GHz_802.11bn UHR40-BF_Nss1,(MCS0)_4TX
EBW
6405MHz

01/06/2026


6.425-6.525GHz_802.11bn UHR40-BF_Nss1,(MCS0)_4TX
EBW
6445MHz

01/06/2026

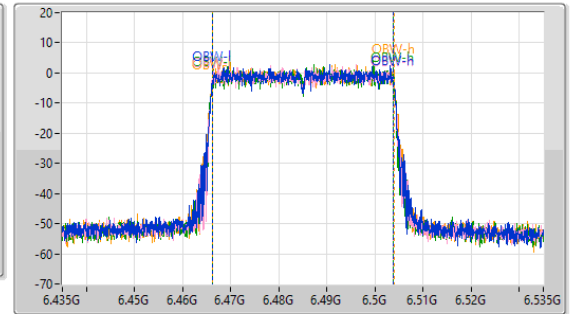
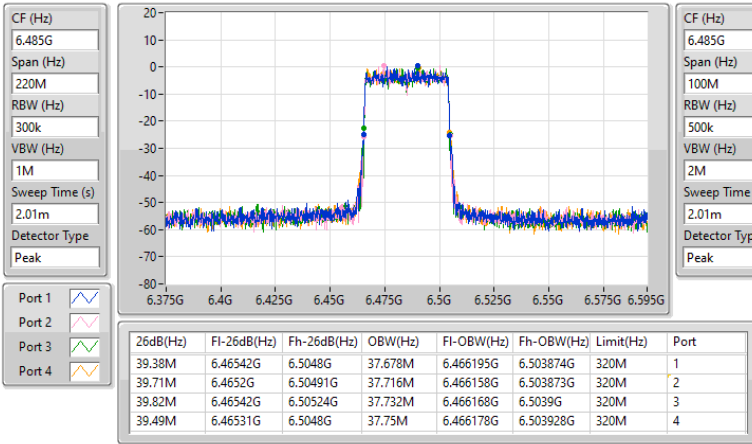


6.425-6.525GHz_802.11bn UHR40-BF_Nss1,(MCS0)_4TX

EBW

6485MHz

01/06/2026

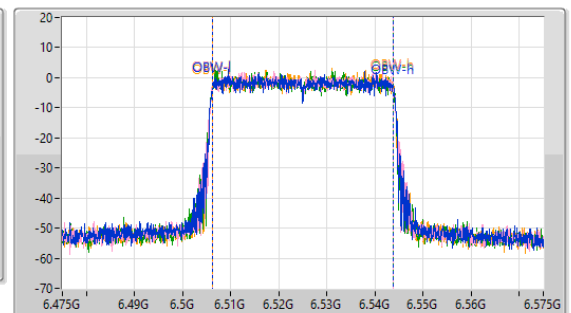
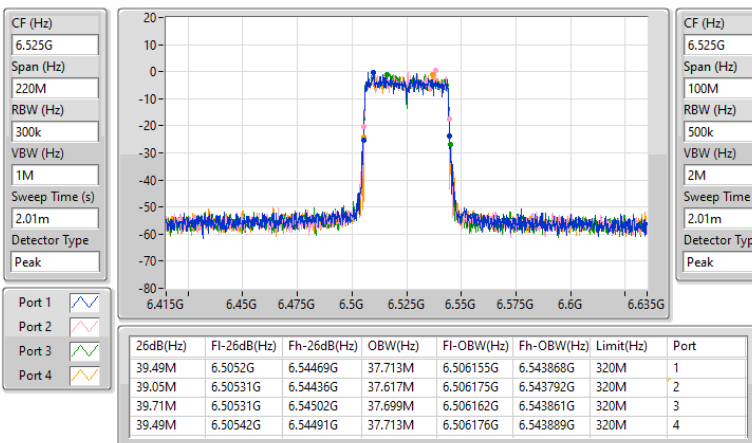


6.425-6.525GHz_802.11bn UHR40-BF_Nss1,(MCS0)_4TX

EBW

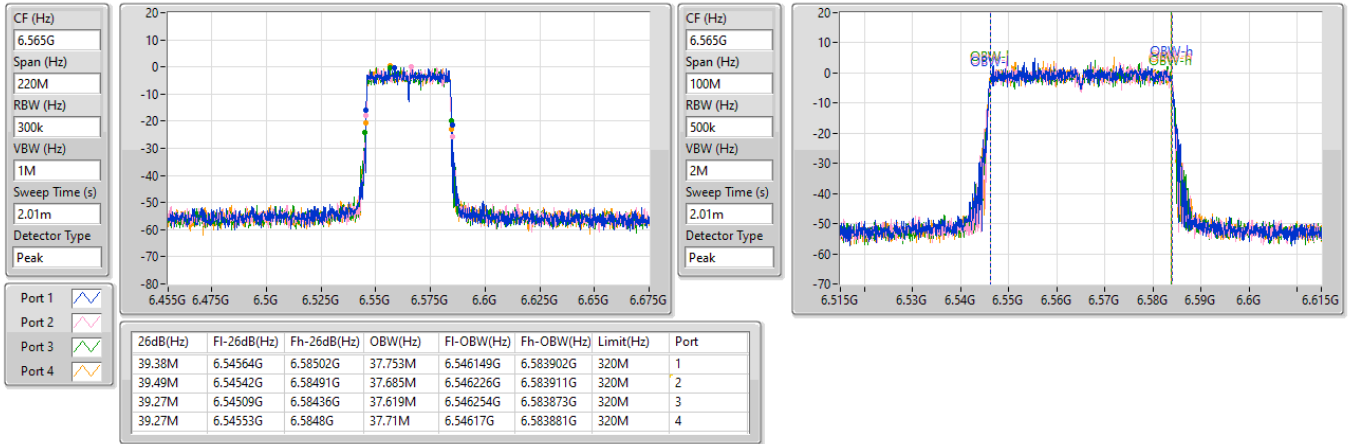
6525MHz

01/06/2026

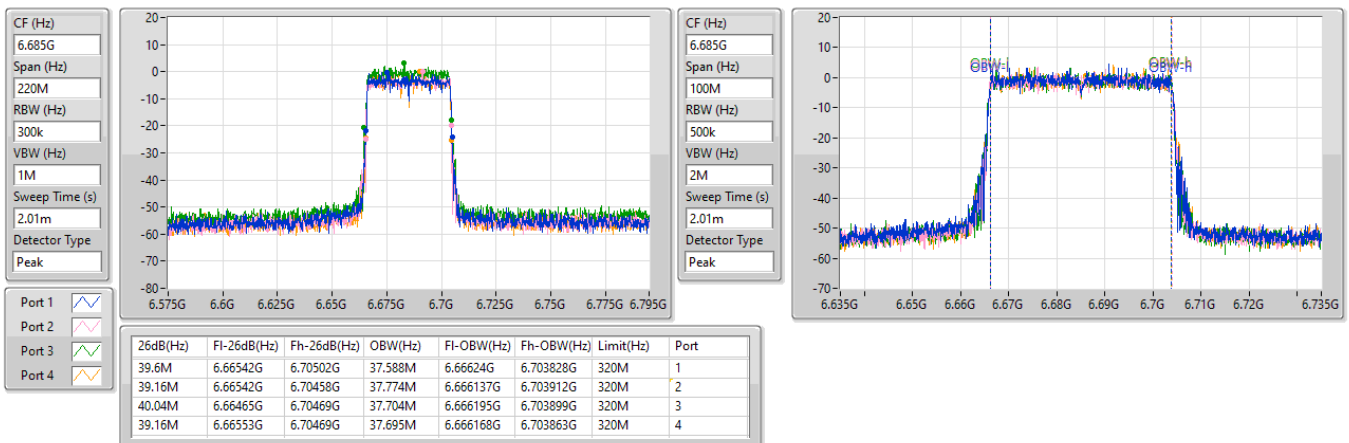


6.525-6.875GHz_802.11bn UHR40-BF_Nss1,(MCS0)_4TX
EBW
6565MHz

01/06/2026


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

01/06/2026

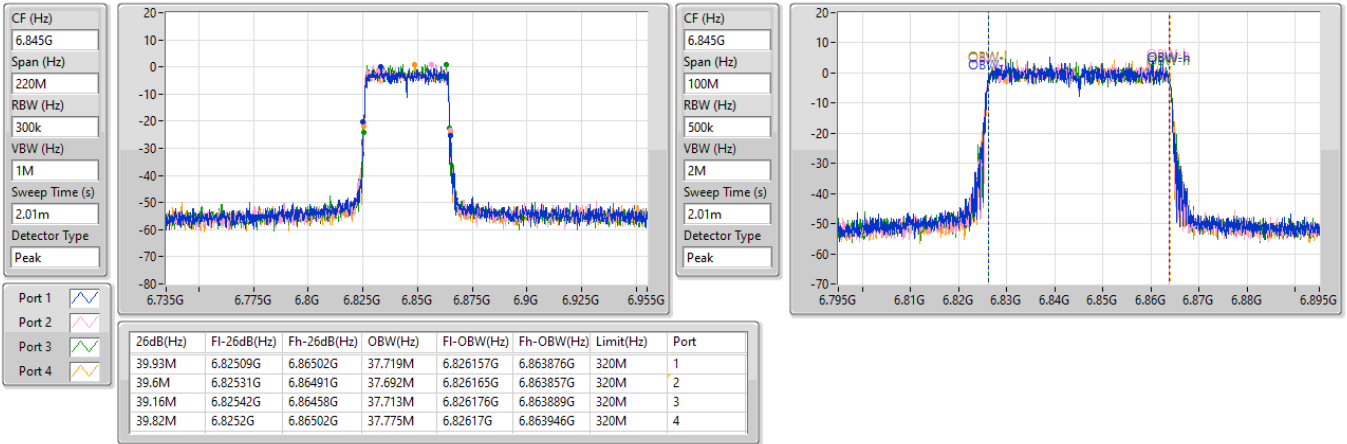


6.525-6.875GHz_802.11bn UHR40-BF_Nss1,(MCS0)_4TX

EBW

6845MHz

03/06/2026

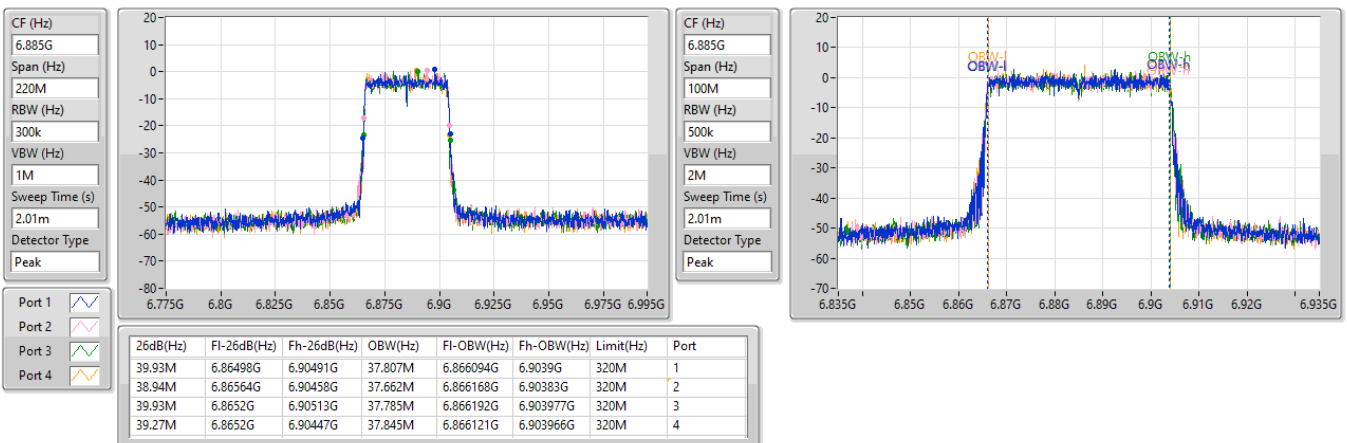


6.525-6.875GHz_802.11bn UHR40-BF_Nss1,(MCS0)_4TX

EBW

6885MHz

01/06/2026

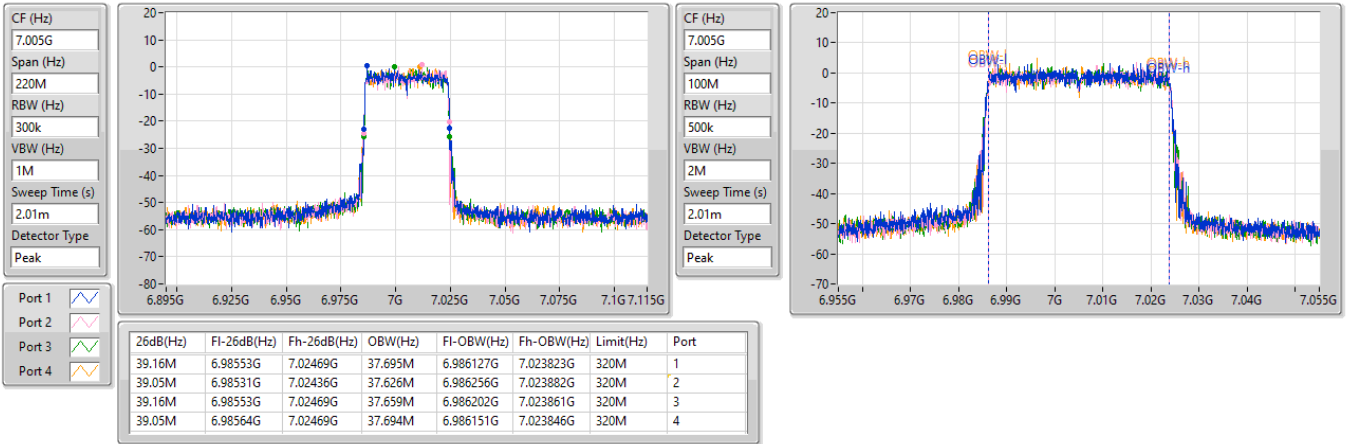


6.875-7.125GHz_802.11bn UHR40-BF_Nss1,(MCS0)_4TX

EBW

7005MHz

01/06/2026

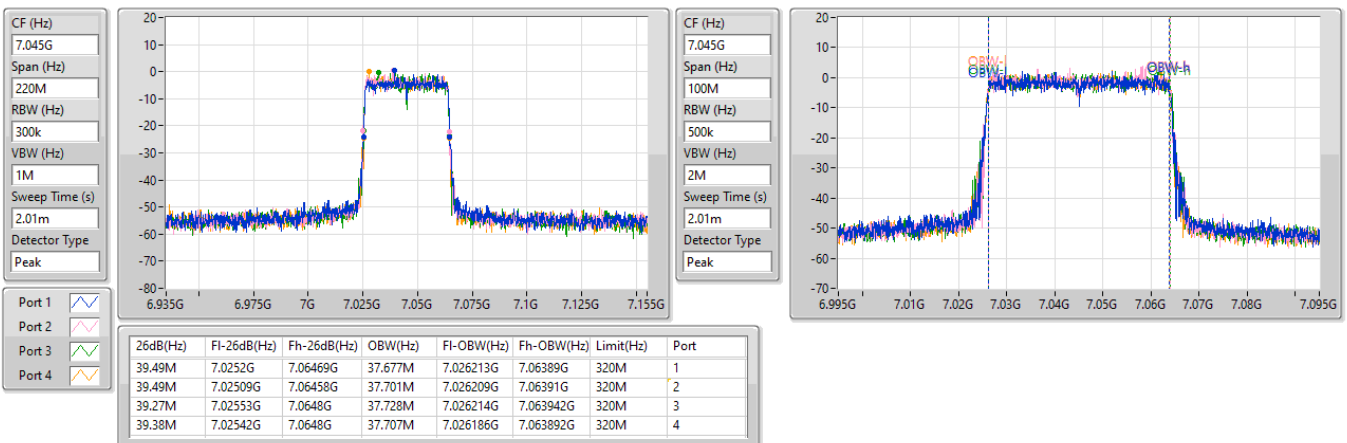


6.875-7.125GHz_802.11bn UHR40-BF_Nss1,(MCS0)_4TX

EBW

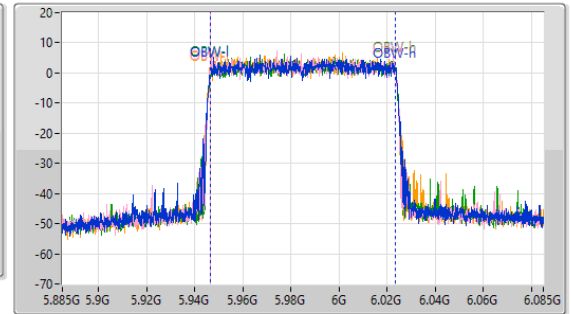
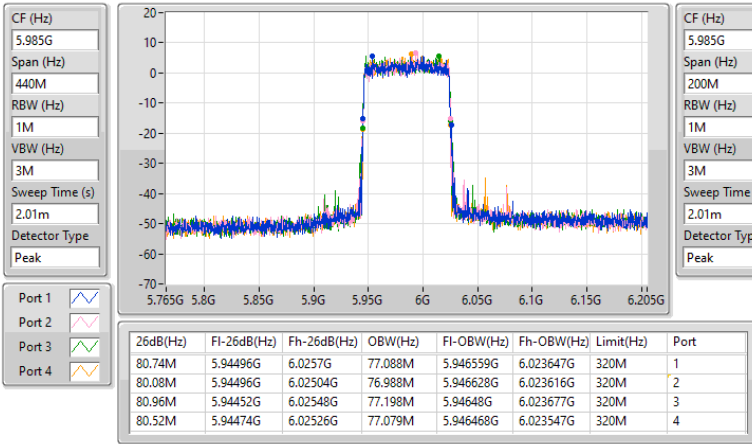
7045MHz

01/06/2026

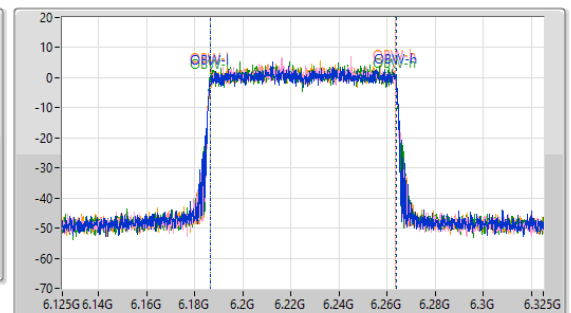
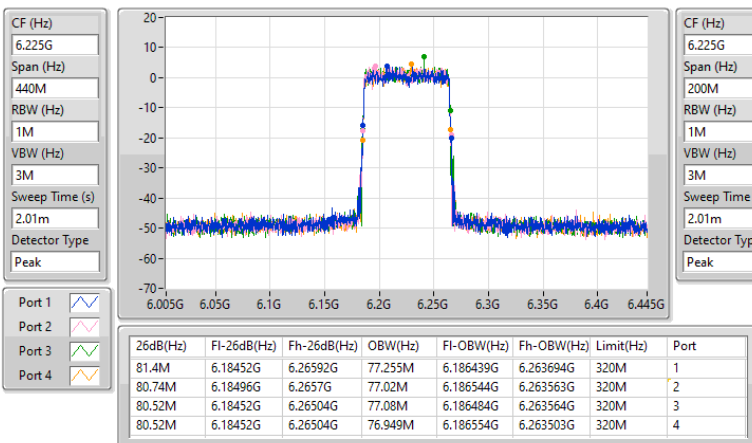


5.925-6.425GHz_802.11bn UHR80-BF_Nss1,(MCS0)_4TX
EBW
5985MHz

01/06/2026

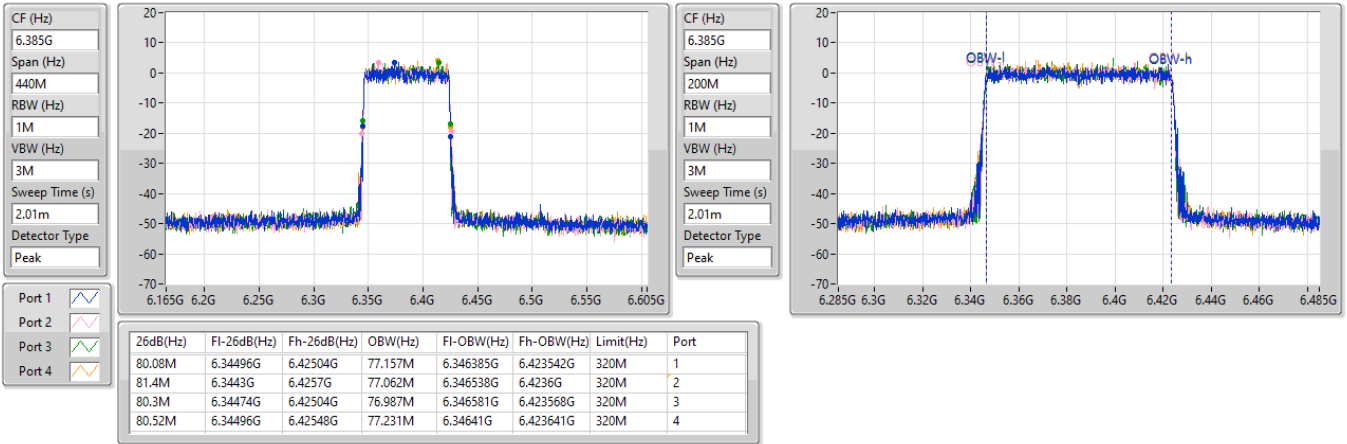

5.925-6.425GHz_802.11bn UHR80-BF_Nss1,(MCS0)_4TX
EBW
6225MHz

01/06/2026

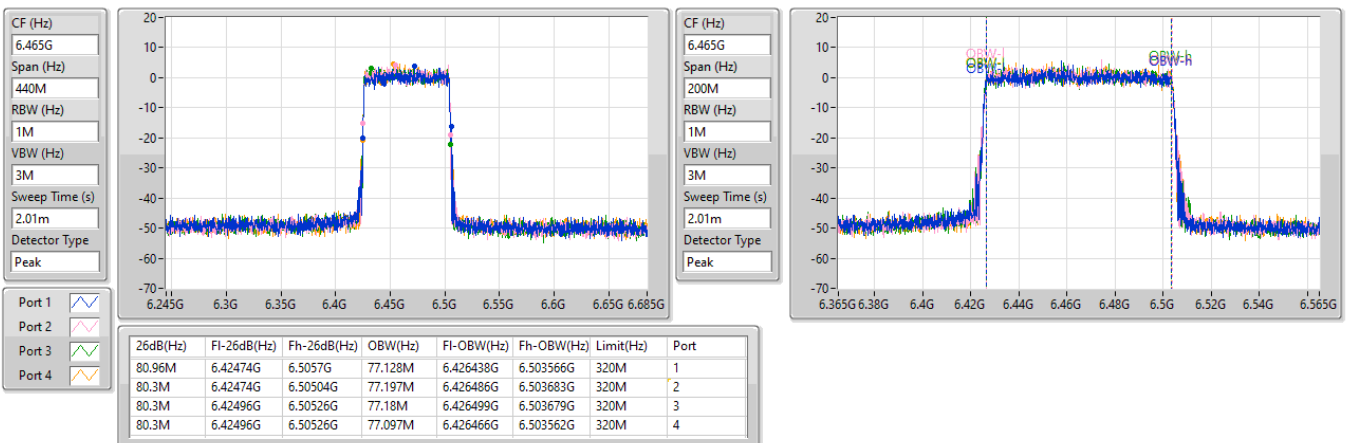


5.925-6.425GHz_802.11bn UHR80-BF_Nss1,(MCS0)_4TX
EBW
6385MHz

01/06/2026


6.425-6.525GHz_802.11bn UHR80-BF_Nss1,(MCS0)_4TX
EBW
6465MHz

01/06/2026

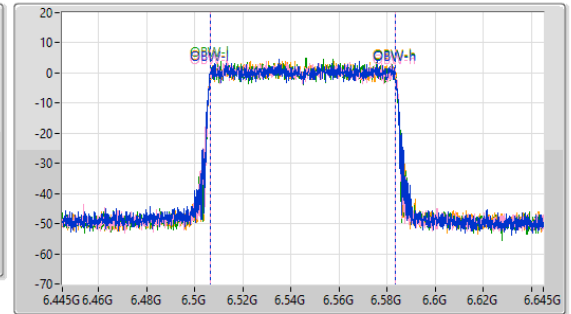
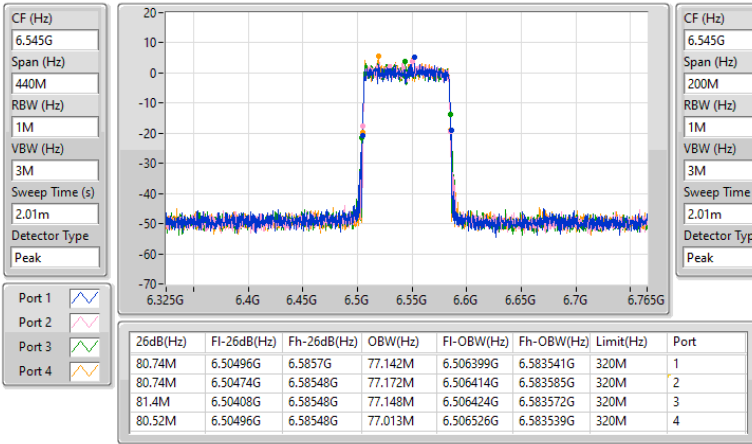


6.425-6.525GHz_802.11bn UHR80-BF_Nss1,(MCS0)_4TX

EBW

6545MHz

01/06/2026

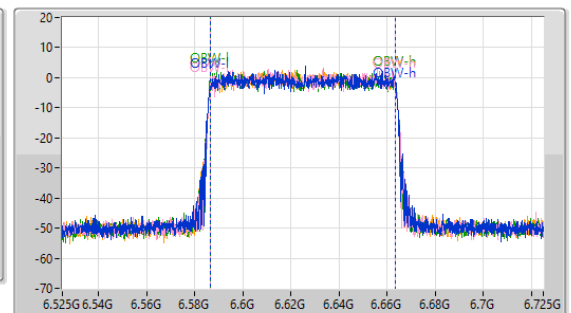
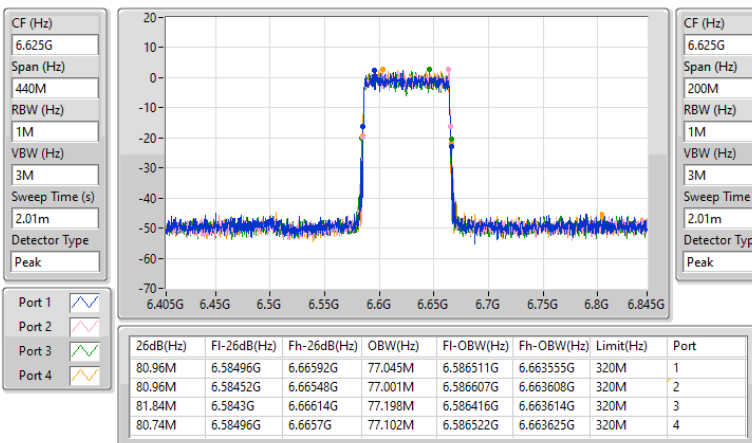


6.525-6.875GHz_802.11bn UHR80-BF_Nss1,(MCS0)_4TX

EBW

6625MHz

01/06/2026

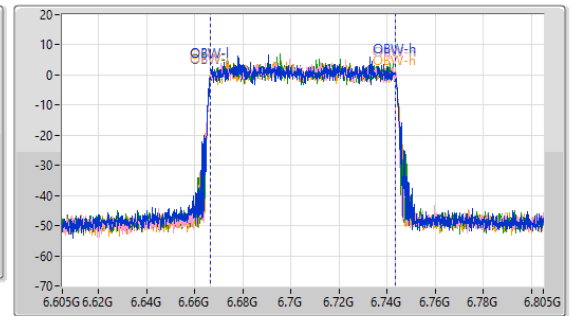
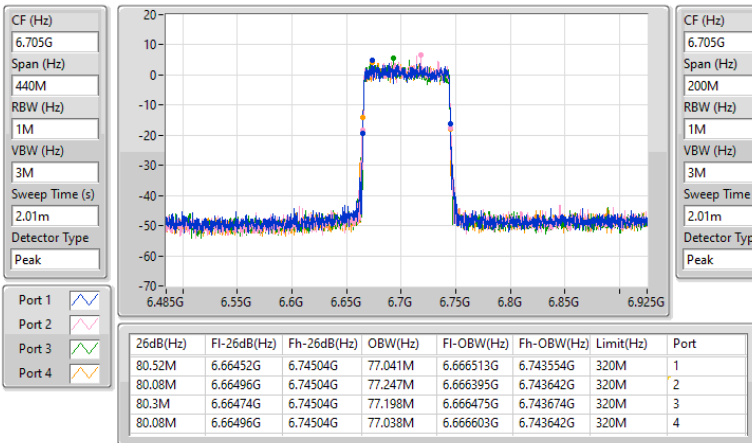


6.525-6.875GHz_802.11bn UHR80-BF_Nss1,(MCS0)_4TX

EBW

6705MHz

01/06/2026

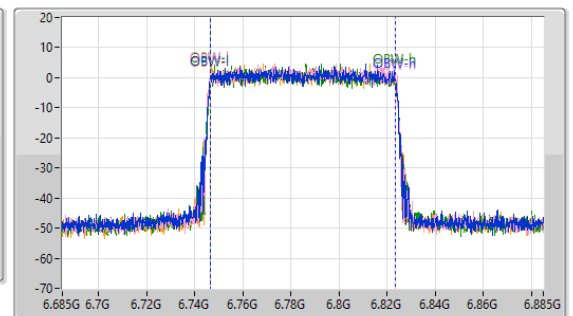
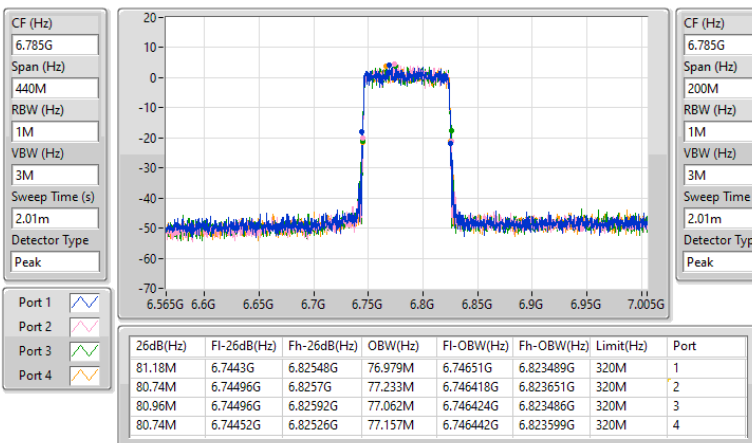


6.525-6.875GHz_802.11bn UHR80-BF_Nss1,(MCS0)_4TX

EBW

6785MHz

01/06/2026

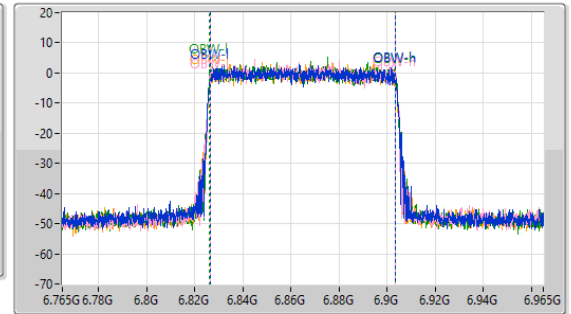
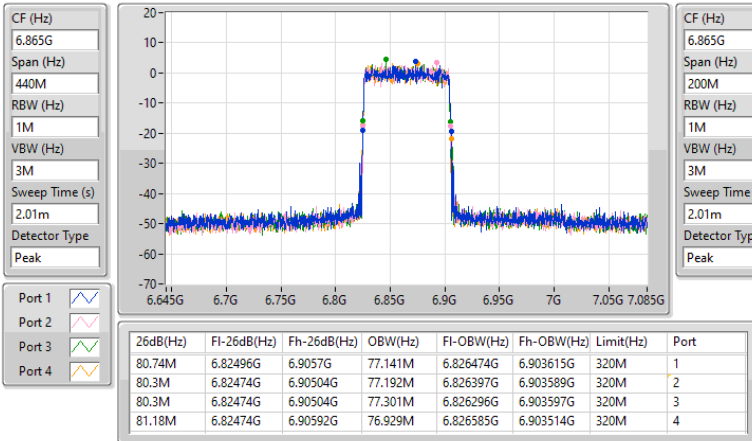


6.525-6.875GHz_802.11bn UHR80-BF_Nss1,(MCS0)_4TX

EBW

6865MHz

01/06/2026

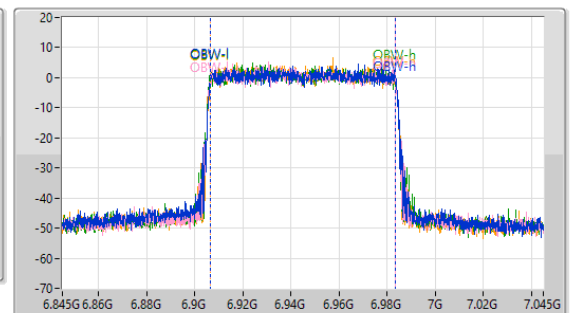
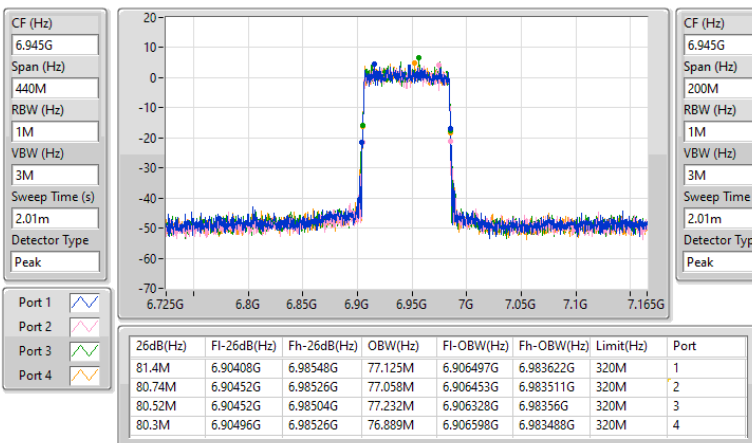


6.875-7.125GHz_802.11bn UHR80-BF_Nss1,(MCS0)_4TX

EBW

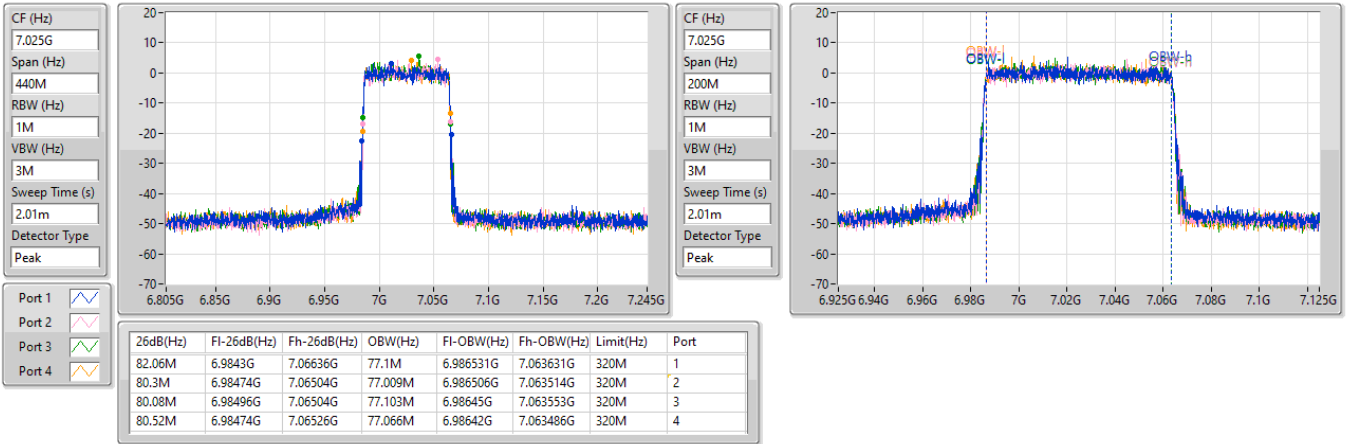
6945MHz

01/06/2026

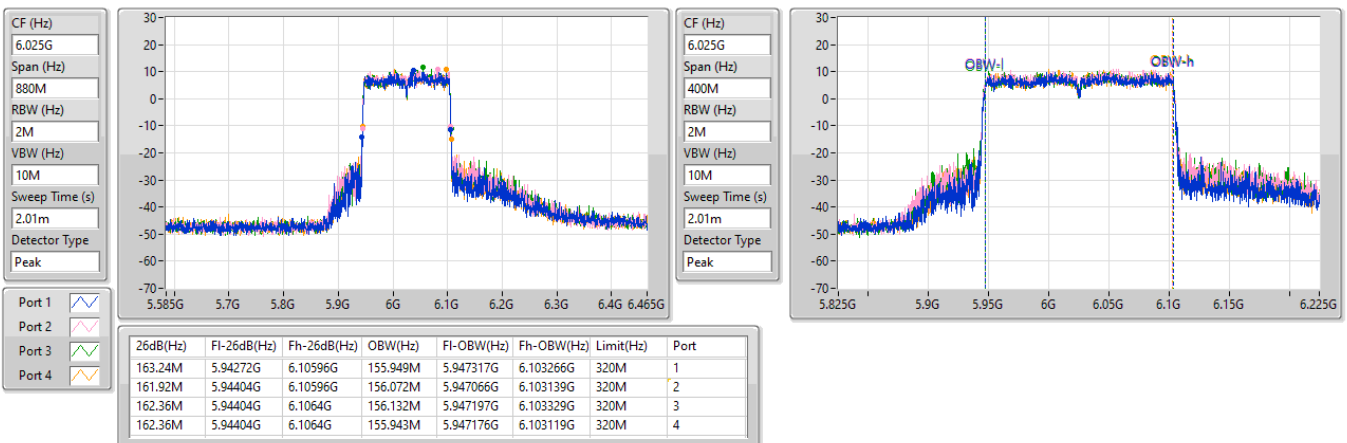


6.875-7.125GHz_802.11bn UHR80-BF_Nss1,(MCS0)_4TX
EBW
7025MHz

01/06/2026


5.925-6.425GHz_802.11bn UHR160-BF_Nss1,(MCS0)_4TX
EBW
6025MHz

01/06/2026

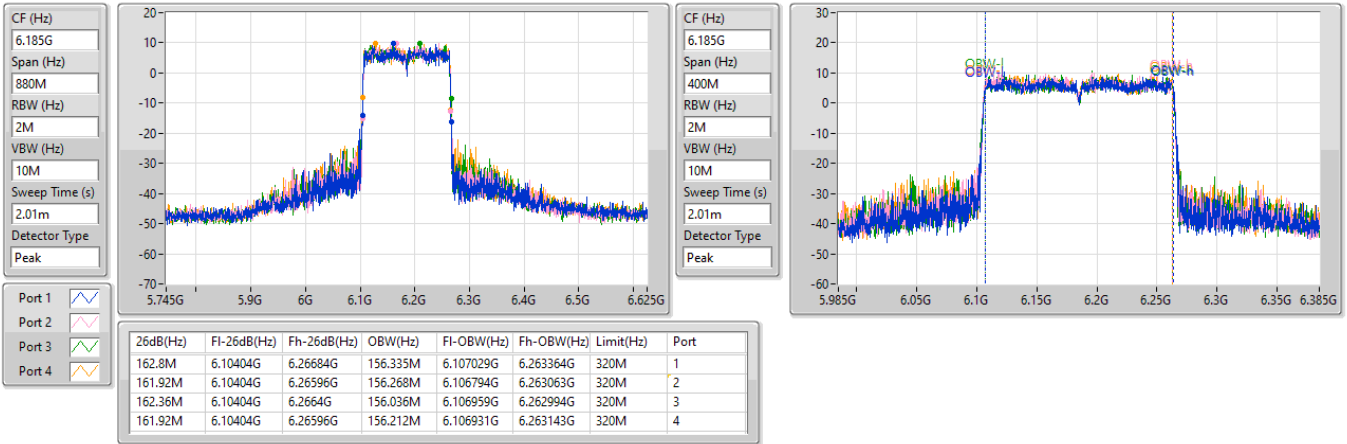


5.925-6.425GHz_802.11bn UHR160-BF_Nss1,(MCS0)_4TX

EBW

6185MHz

01/06/2026

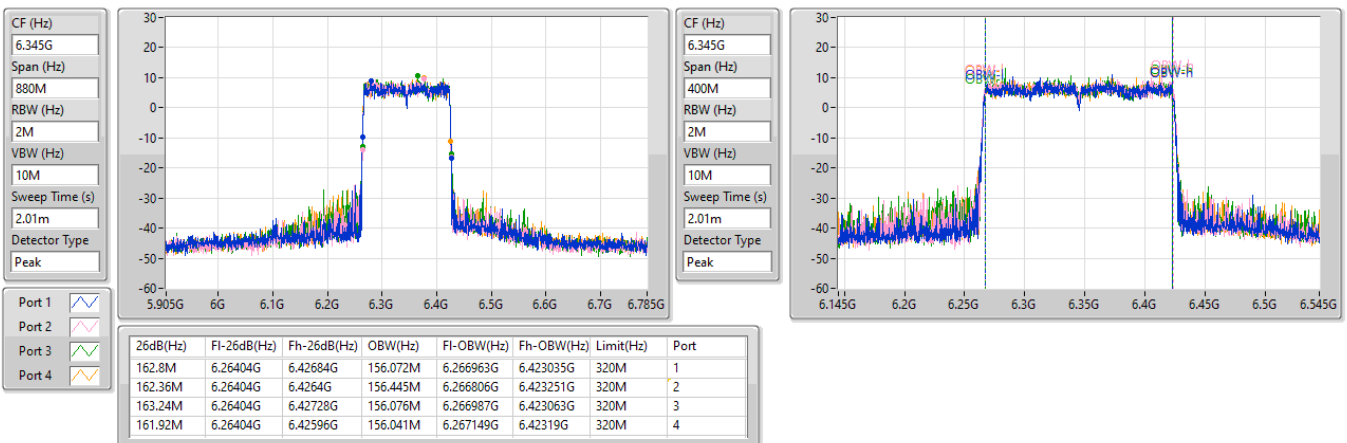


5.925-6.425GHz_802.11bn UHR160-BF_Nss1,(MCS0)_4TX

EBW

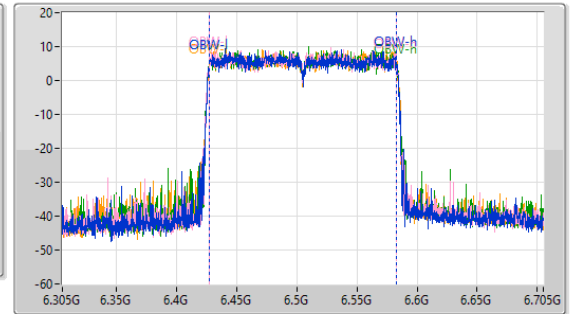
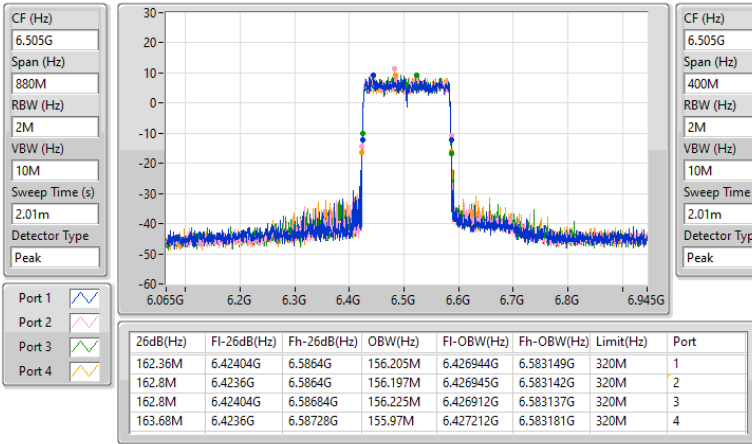
6345MHz

01/06/2026

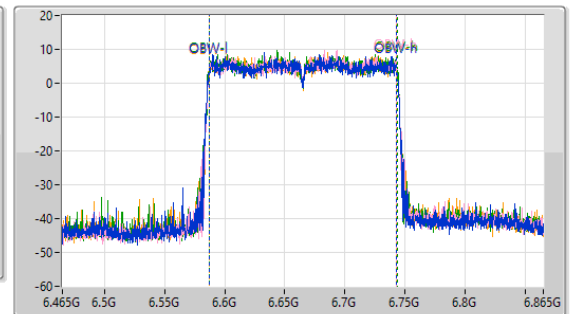
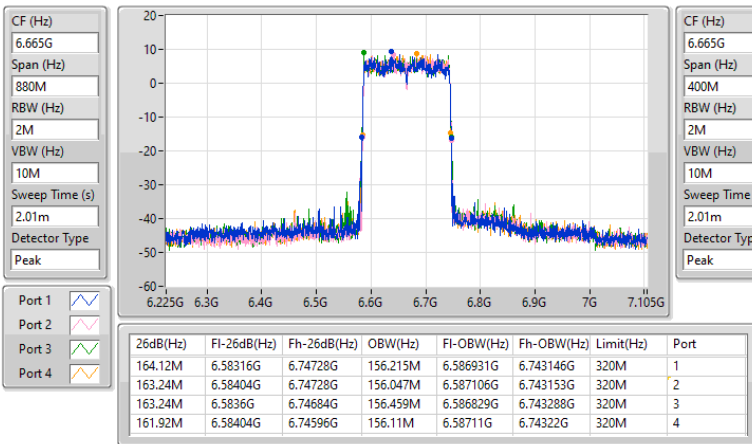


6.425-6.525GHz_802.11bn UHR160-BF_Nss1,(MCS0)_4TX
EBW
6505MHz

01/06/2026

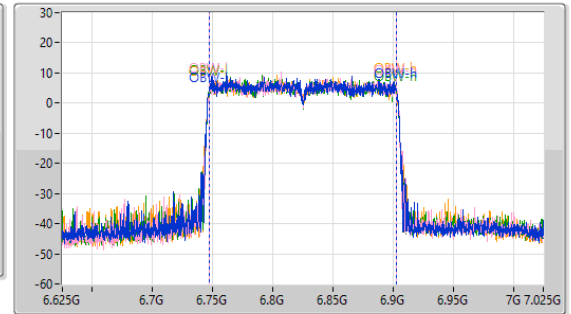
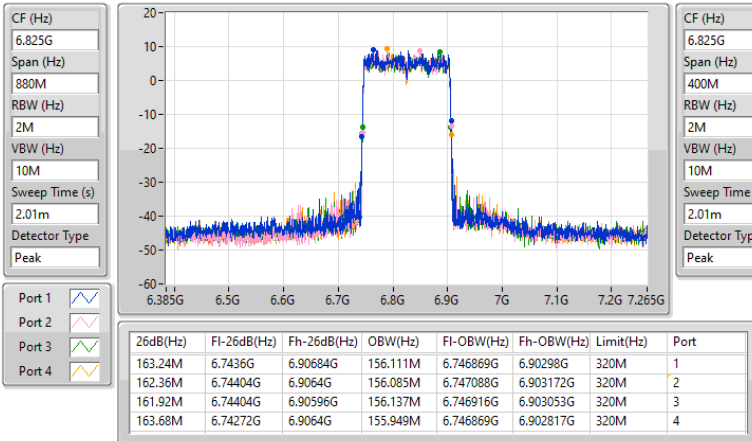

6.525-6.875GHz_802.11bn UHR160-BF_Nss1,(MCS0)_4TX
EBW
6665MHz

01/06/2026

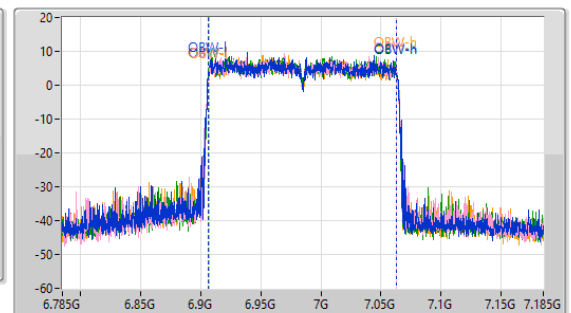
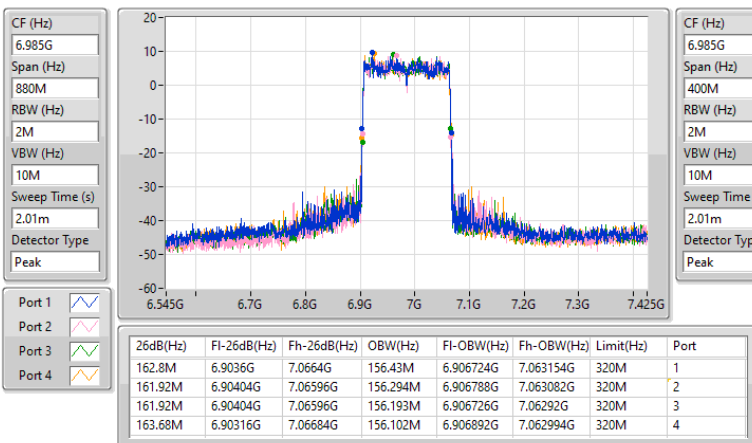


6.525-6.875GHz_802.11bn UHR160-BF_Nss1,(MCS0)_4TX
EBW
6825MHz

01/06/2026


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

01/06/2026

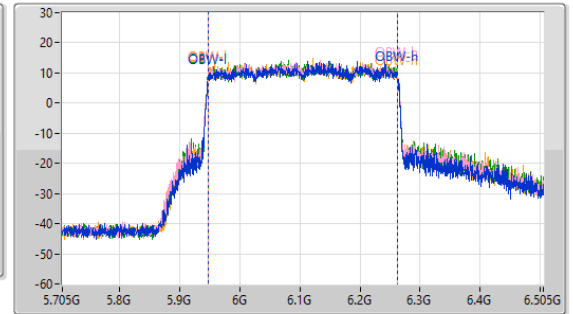
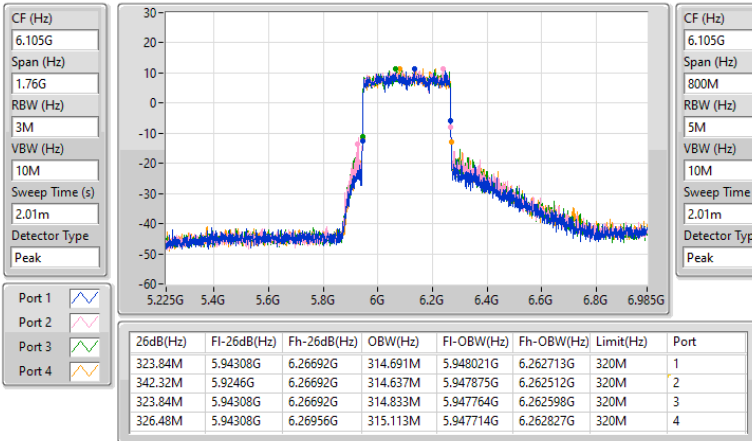


5.925-6.425GHz_802.11bn UHR320-BF_Nss1,(MCS0)_4TX

EBW

6105MHz

01/06/2026

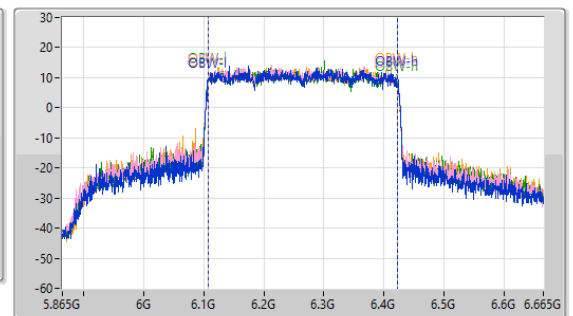
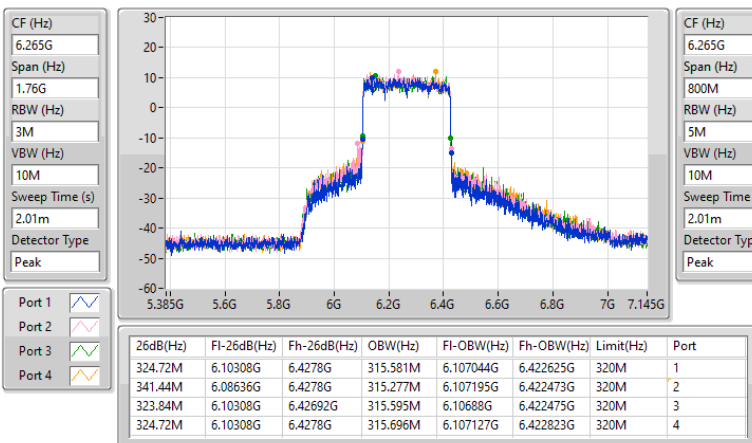


5.925-6.425GHz_802.11bn UHR320-BF_Nss1,(MCS0)_4TX

EBW

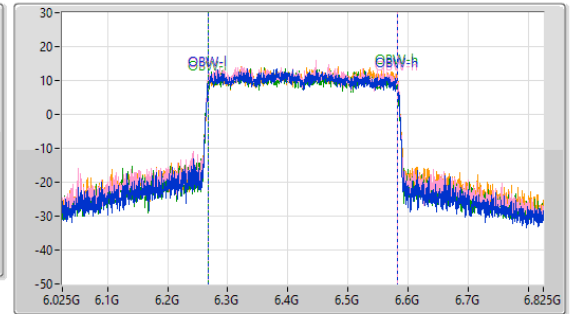
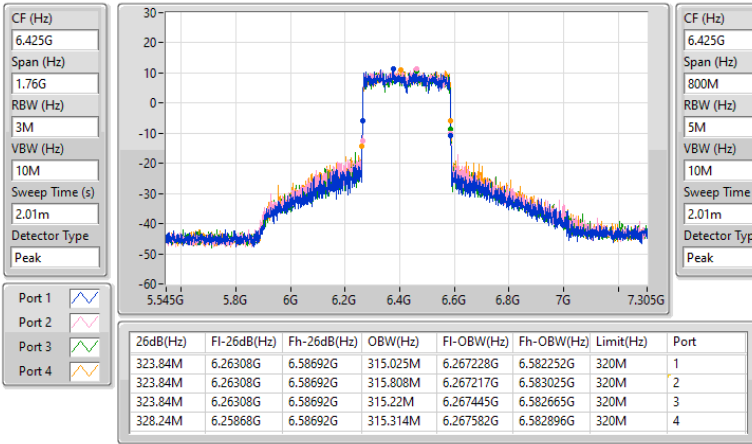
6265MHz

01/06/2026

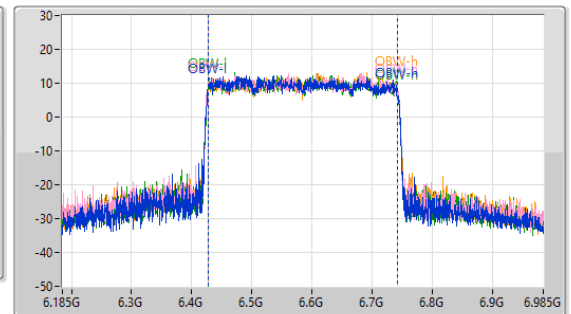
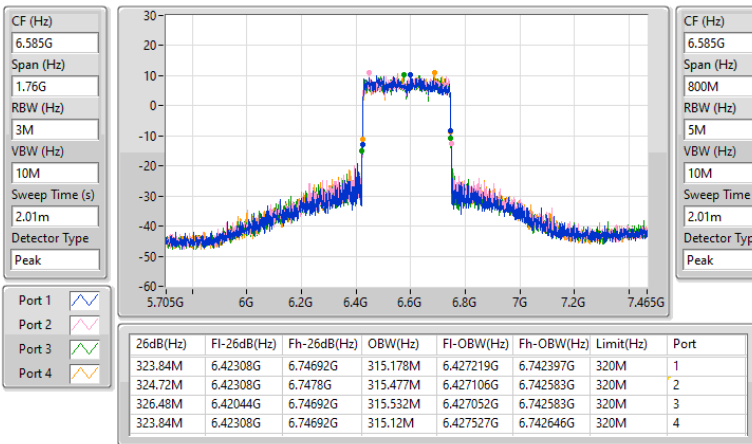


5.925-6.425GHz_802.11bn UHR320-BF_Nss1,(MCS0)_4TX
EBW
6425MHz

01/06/2026

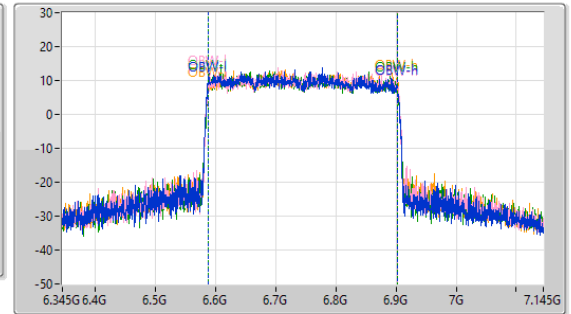
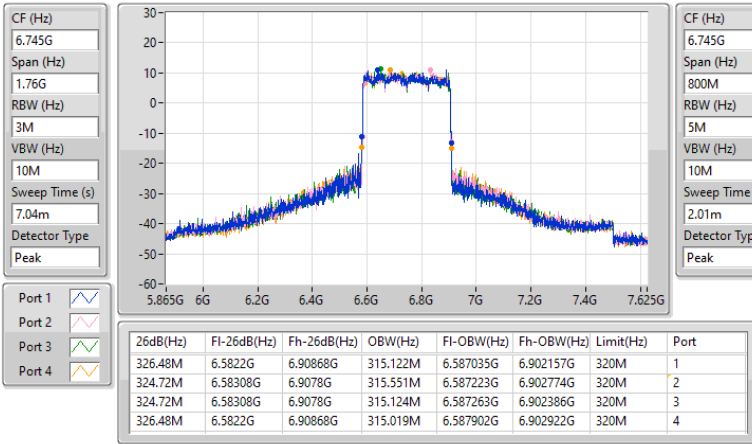

6.425-6.525GHz_802.11bn UHR320-BF_Nss1,(MCS0)_4TX
EBW
6585MHz

01/06/2026

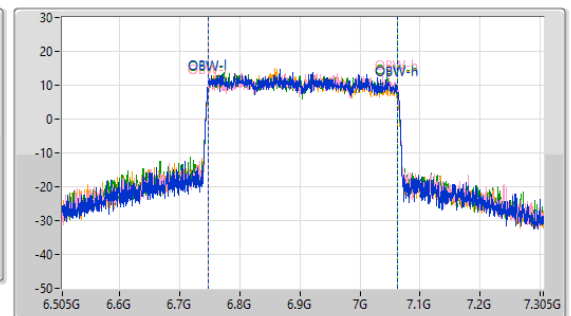
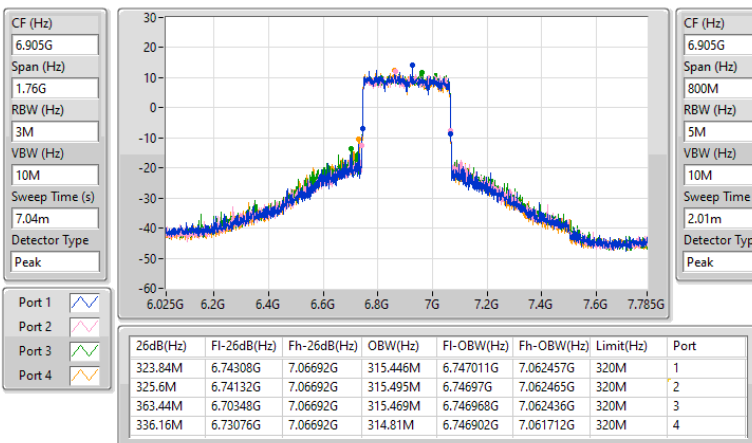


6.525-6.875GHz_802.11bn UHR320-BF_Nss1,(MCS0)_4TX
EBW
6745MHz

01/06/2026

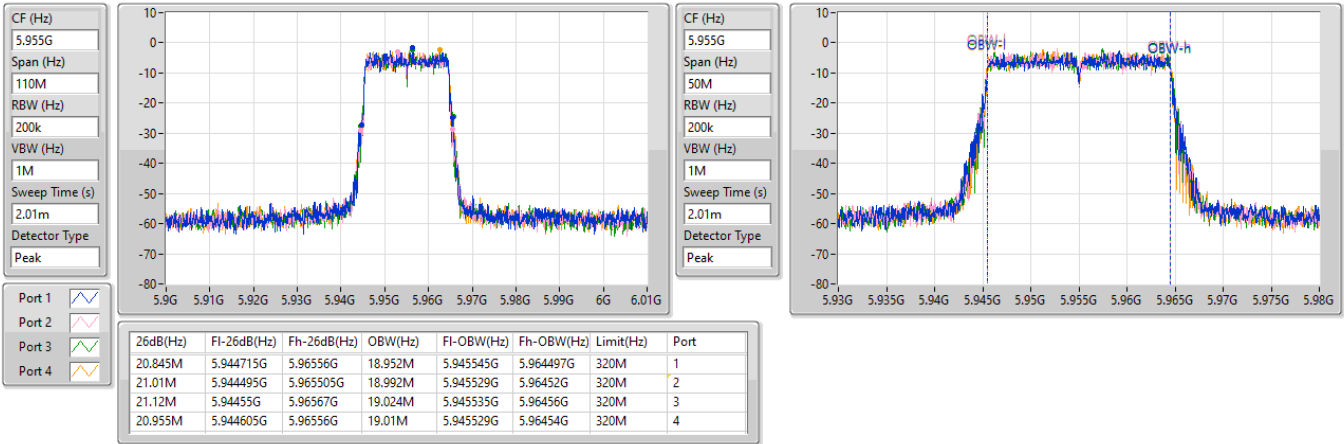

6.525-6.875GHz_802.11bn UHR320-BF_Nss1,(MCS0)_4TX
EBW
6905MHz

01/06/2026

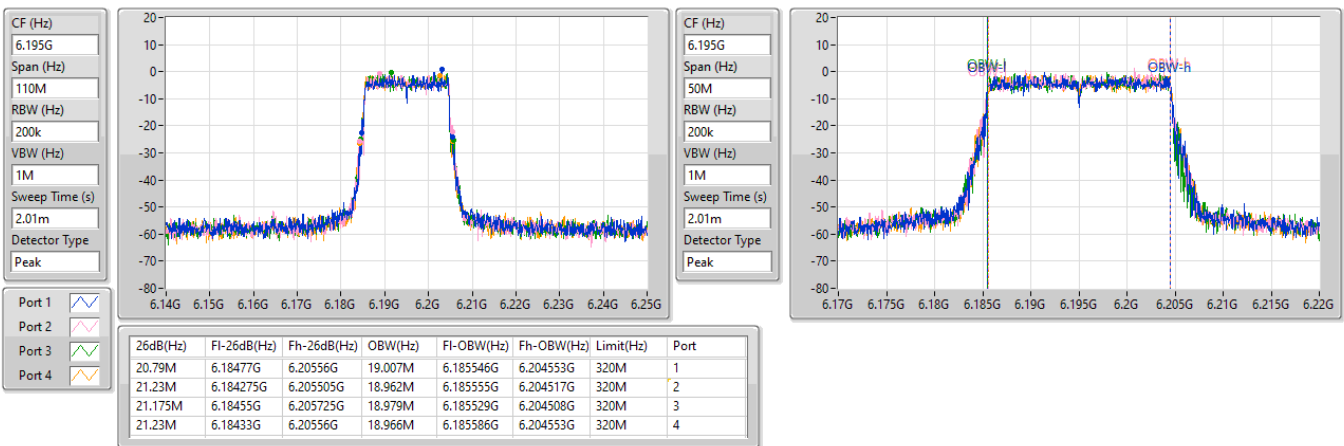


5.925-6.425GHz_802.11bn UHR20-BF_Nss2,(MCS0)_4TX
EBW
5955MHz

01/06/2026


5.925-6.425GHz_802.11bn UHR20-BF_Nss2,(MCS0)_4TX
EBW
6195MHz

01/06/2026

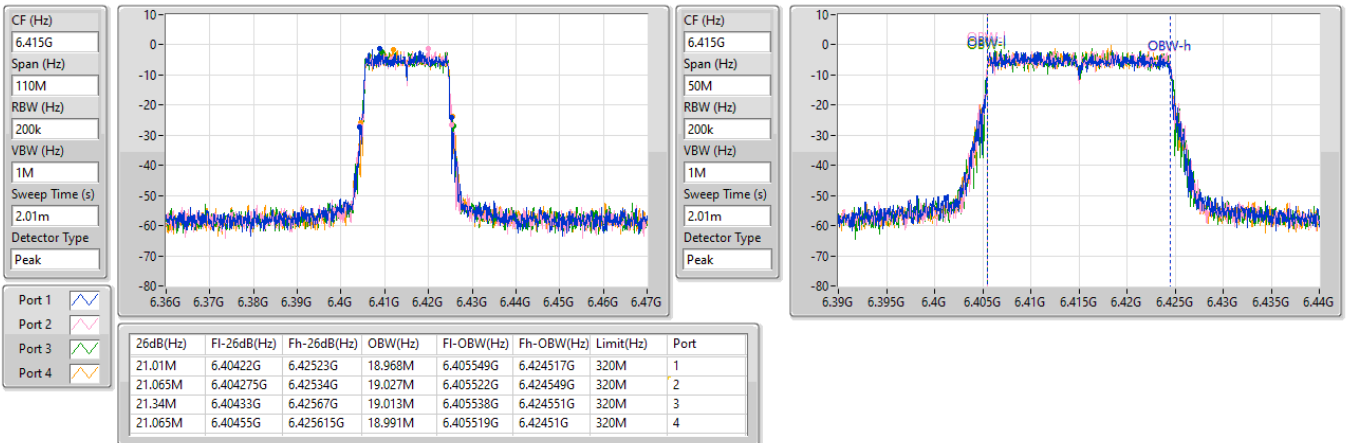


5.925-6.425GHz_802.11bn UHR20-BF_Nss2,(MCS0)_4TX

EBW

6415MHz

01/06/2026

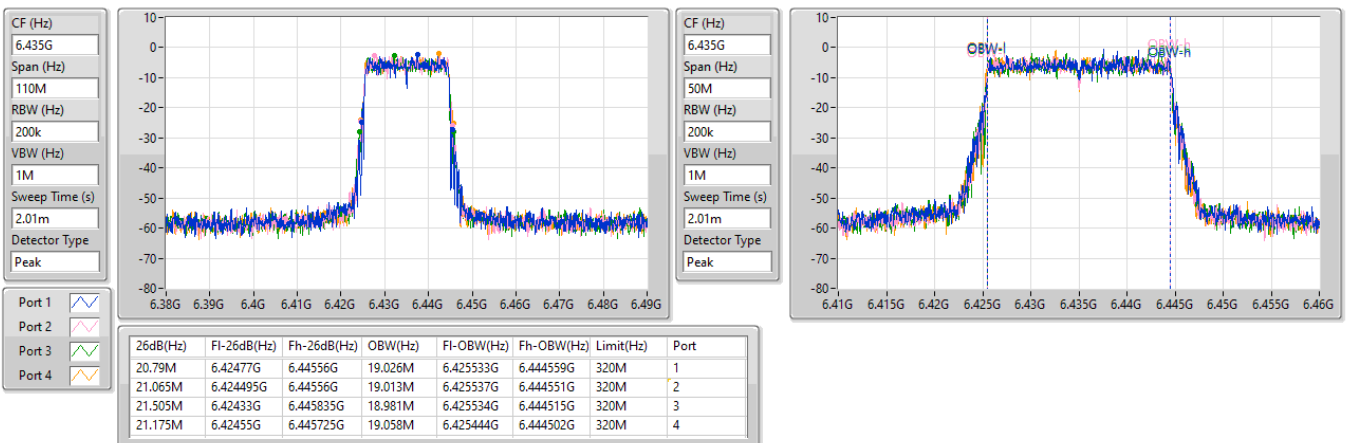


6.425-6.525GHz_802.11bn UHR20-BF_Nss2,(MCS0)_4TX

EBW

6435MHz

01/06/2026

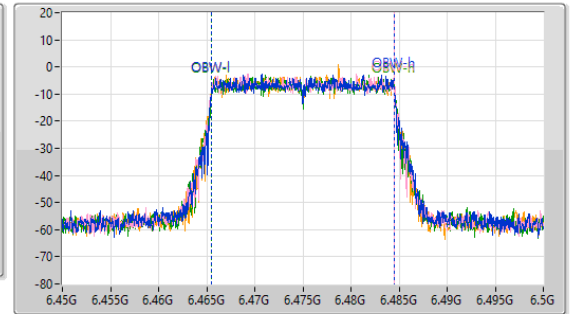
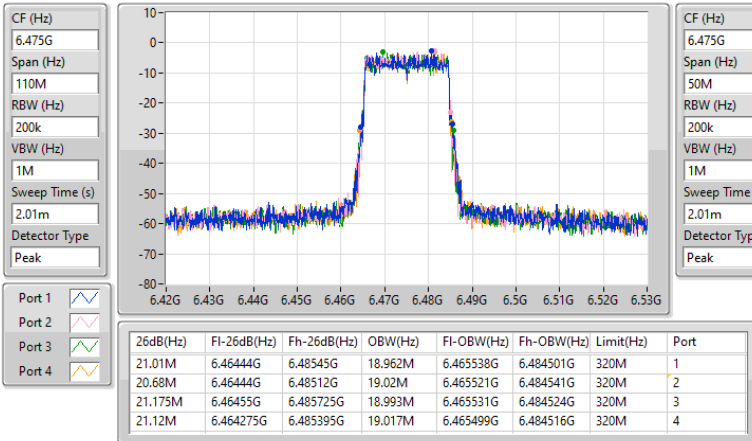


6.425-6.525GHz_802.11bn UHR20-BF_Nss2,(MCS0)_4TX

EBW

6475MHz

01/06/2026

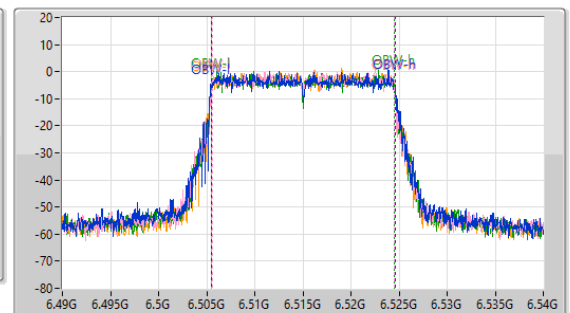
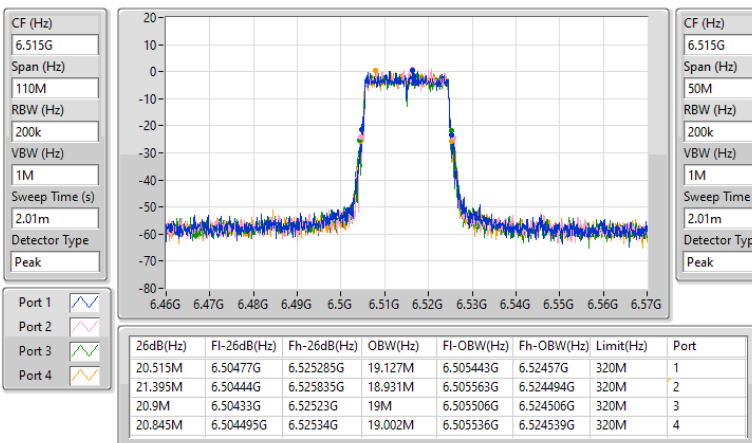


6.425-6.525GHz_802.11bn UHR20-BF_Nss2,(MCS0)_4TX

EBW

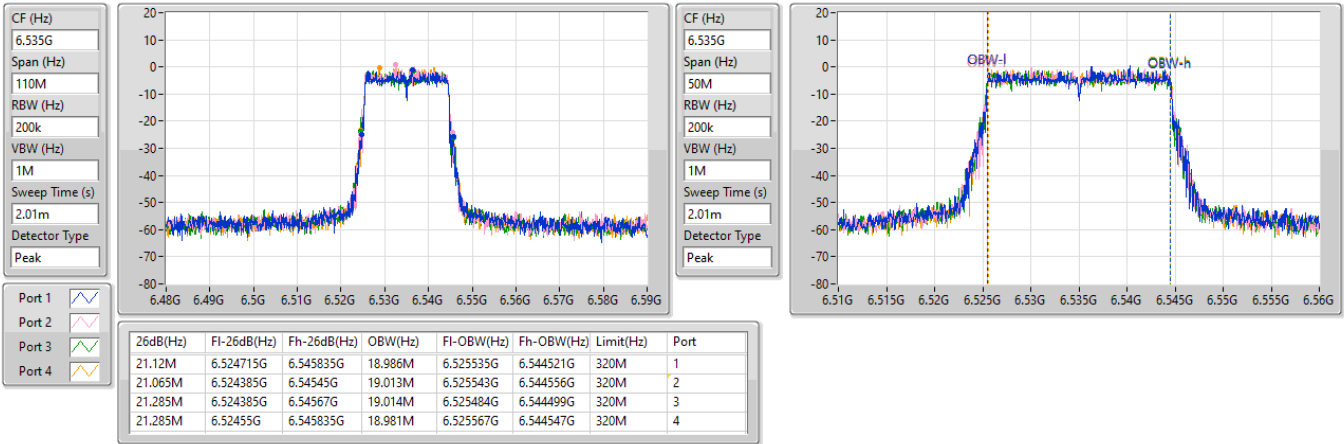
6515MHz

01/06/2026

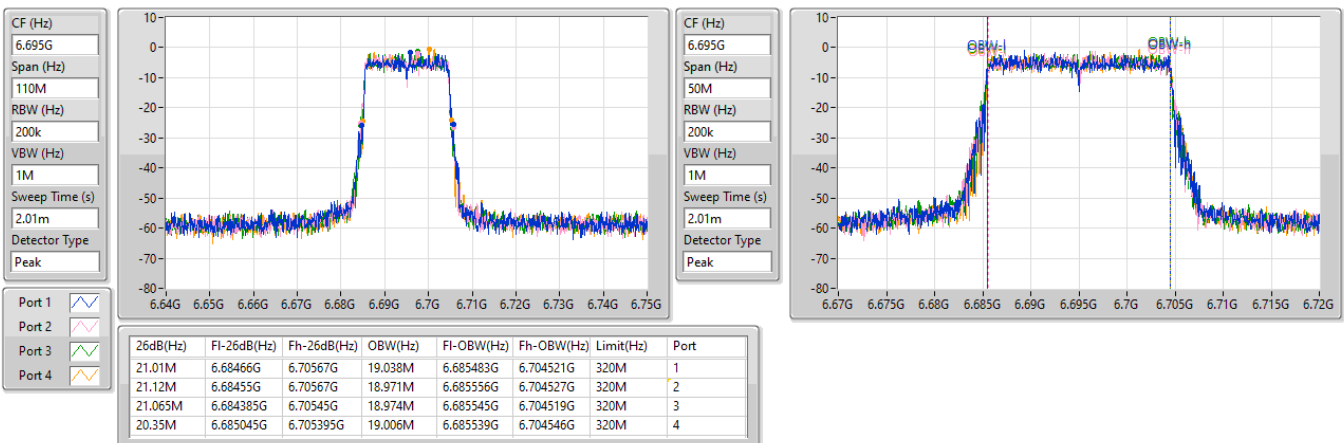


6.525-6.875GHz_802.11bn UHR20-BF_Nss2,(MCS0)_4TX
EBW
6535MHz

01/06/2026


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

01/06/2026

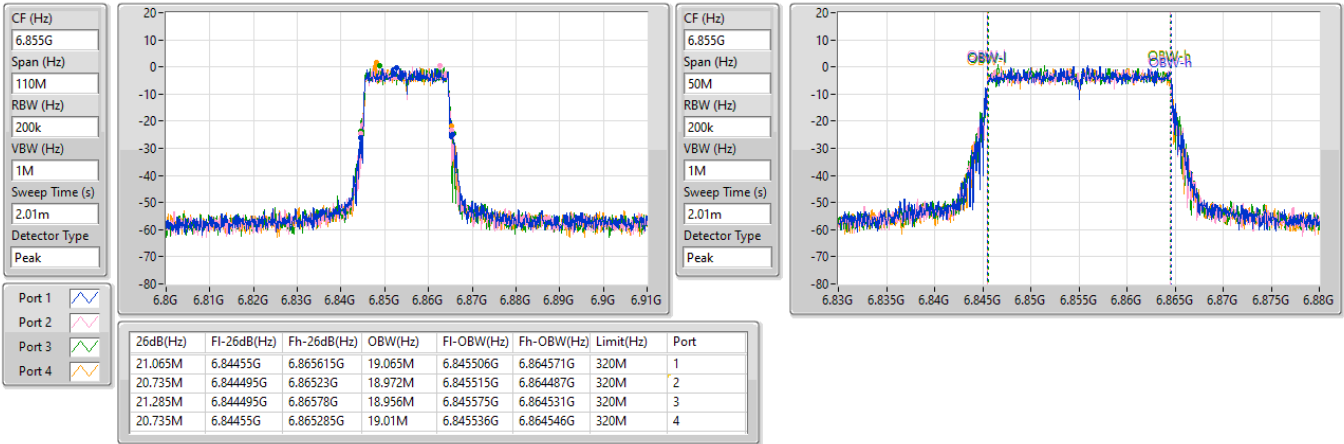


6.525-6.875GHz_802.11bn UHR20-BF_Nss2,(MCS0)_4TX

EBW

6855MHz

01/06/2026

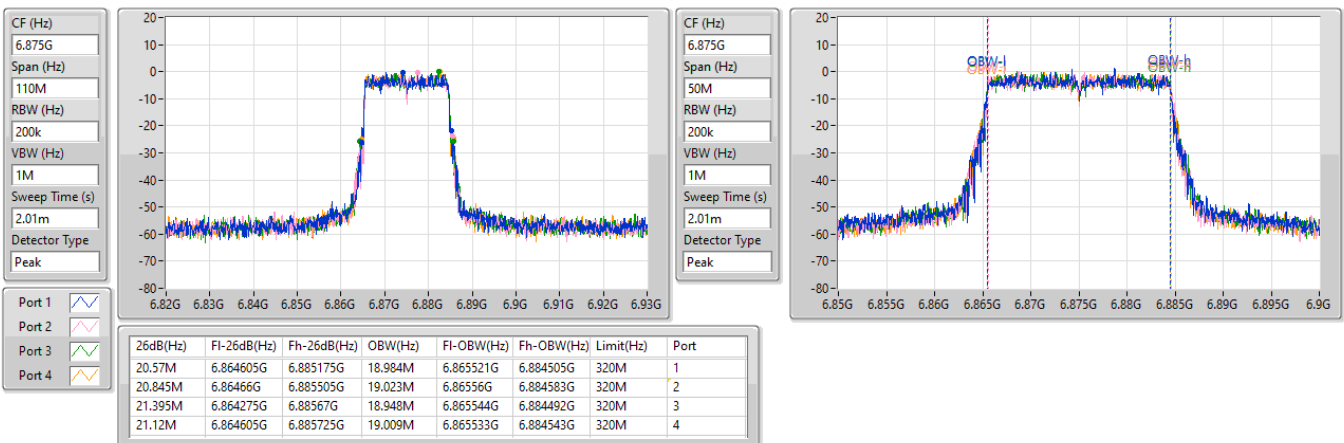


6.525-6.875GHz_802.11bn UHR20-BF_Nss2,(MCS0)_4TX

EBW

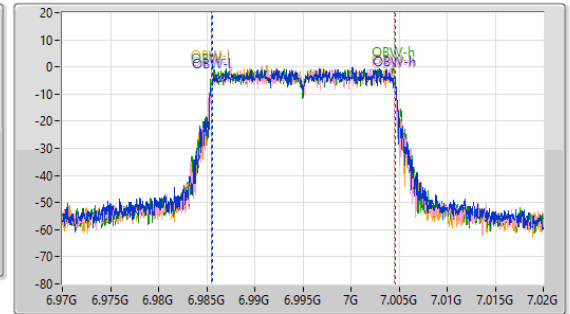
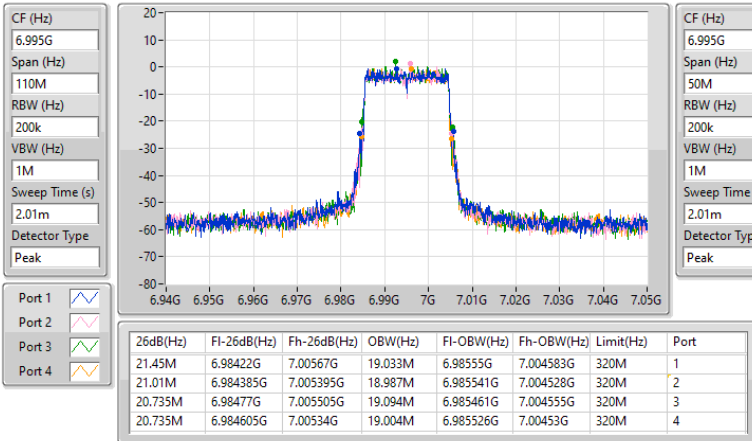
6875MHz

01/06/2026

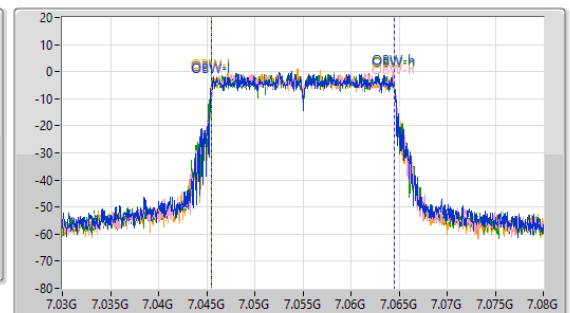
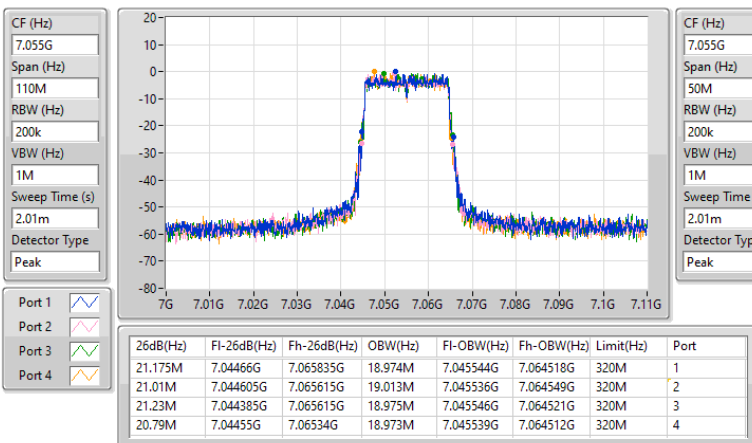


6.875-7.125GHz_802.11bn UHR20-BF_Nss2,(MCS0)_4TX
EBW
6995MHz

01/06/2026

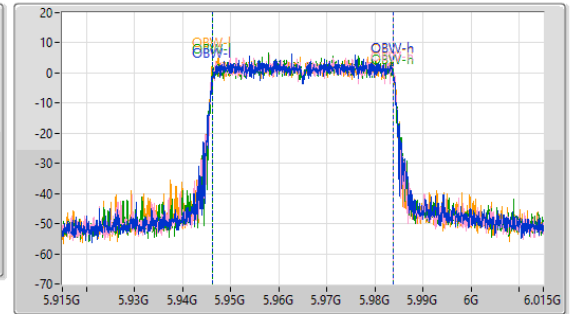
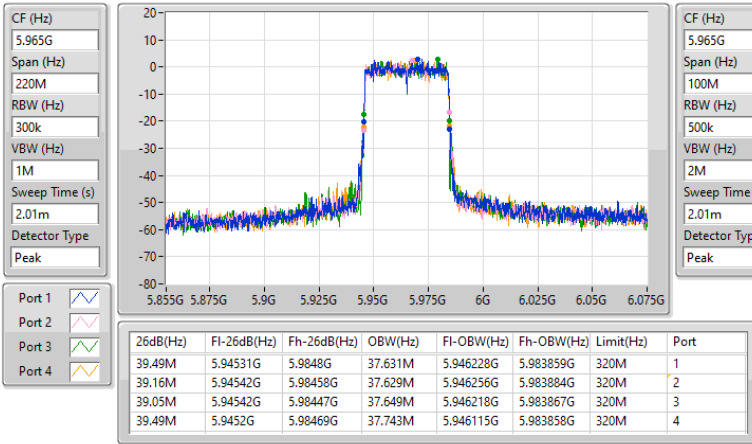

6.875-7.125GHz_802.11bn UHR20-BF_Nss2,(MCS0)_4TX
EBW
7055MHz

01/06/2026

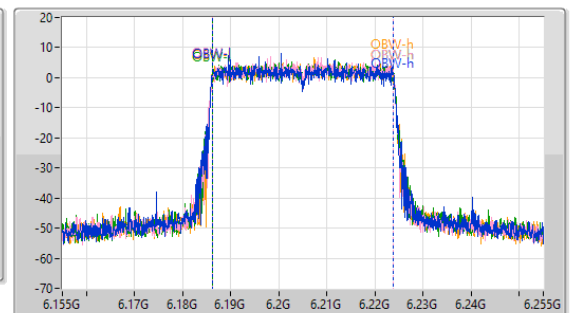
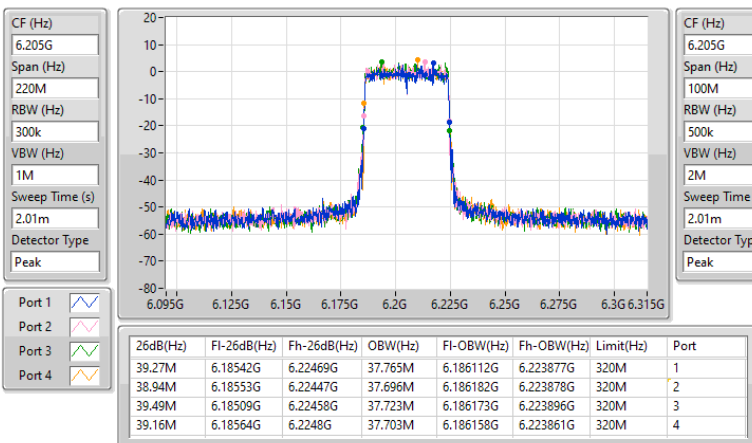


5.925-6.425GHz_802.11bn UHR40-BF_Nss2,(MCS0)_4TX
EBW
5965MHz

01/06/2026


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

01/06/2026

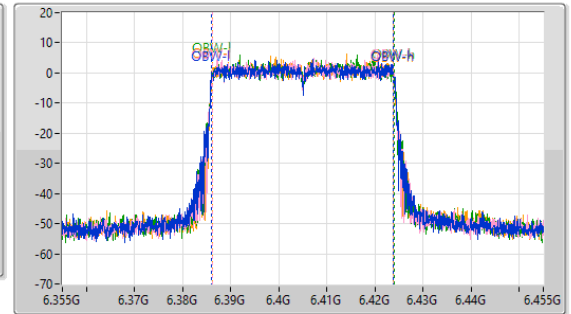
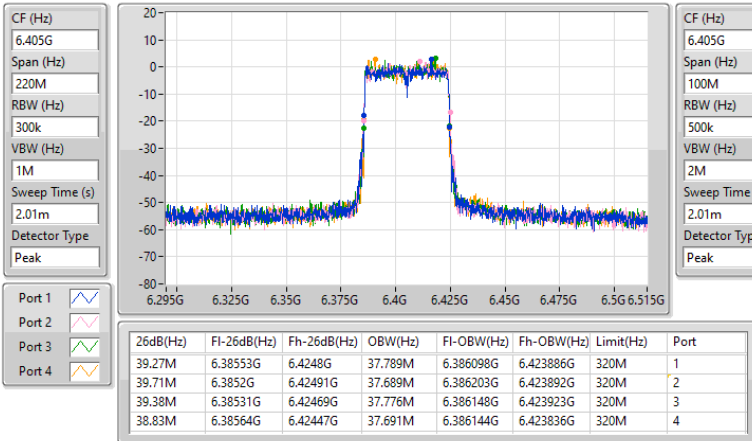


5.925-6.425GHz_802.11bn UHR40-BF_Nss2,(MCS0)_4TX

EBW

6405MHz

01/06/2026

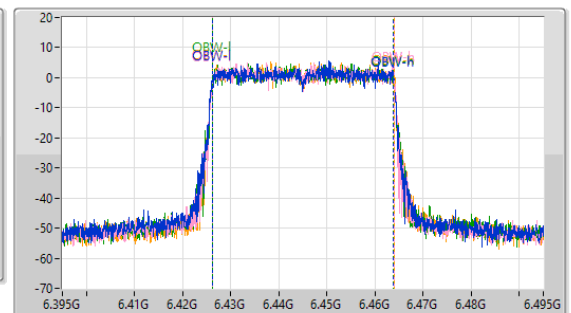
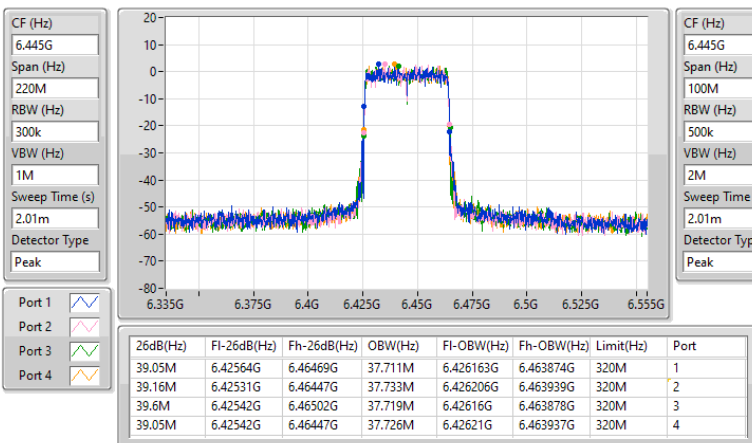


6.425-6.525GHz_802.11bn UHR40-BF_Nss2,(MCS0)_4TX

EBW

6445MHz

01/06/2026

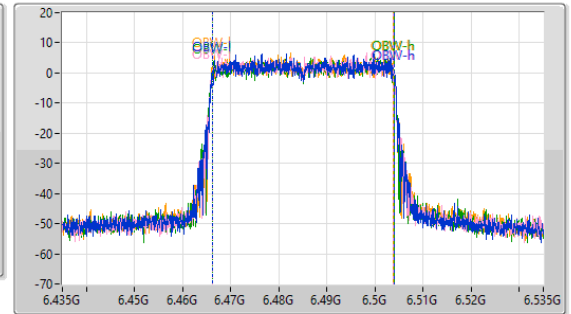
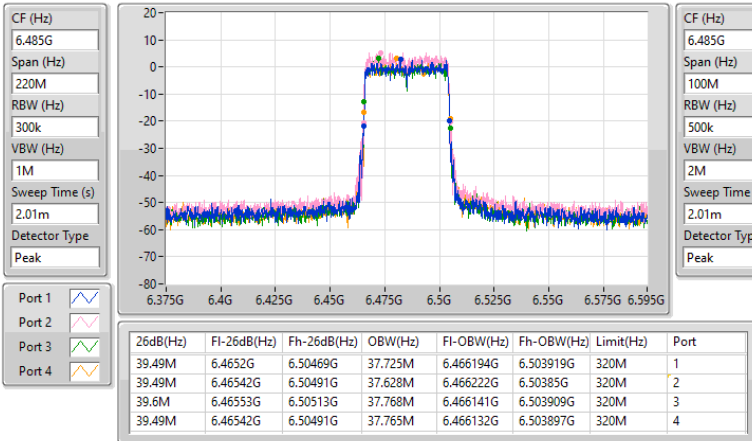


6.425-6.525GHz_802.11bn UHR40-BF_Nss2,(MCS0)_4TX

EBW

6485MHz

01/06/2026

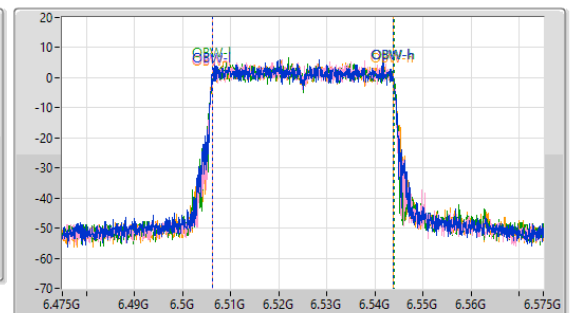
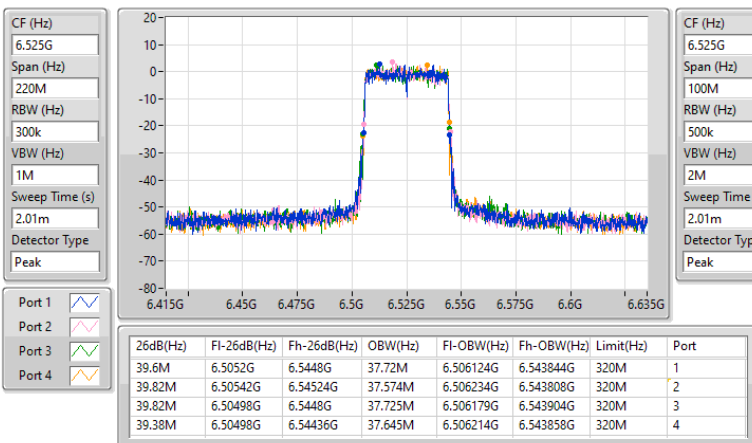


6.425-6.525GHz_802.11bn UHR40-BF_Nss2,(MCS0)_4TX

EBW

6525MHz

01/06/2026

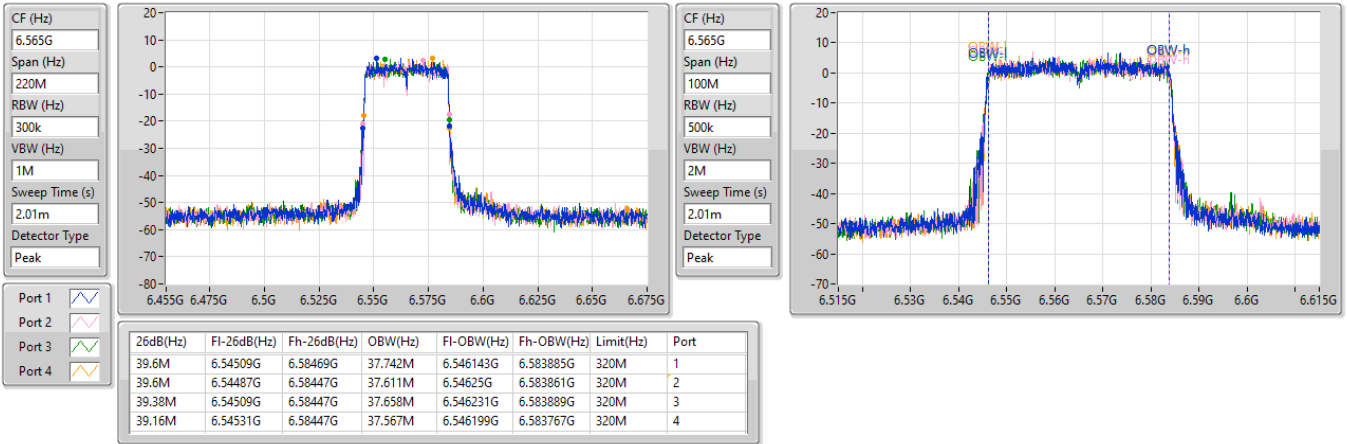


6.525-6.875GHz_802.11bn UHR40-BF_Nss2,(MCS0)_4TX

EBW

6565MHz

01/06/2026

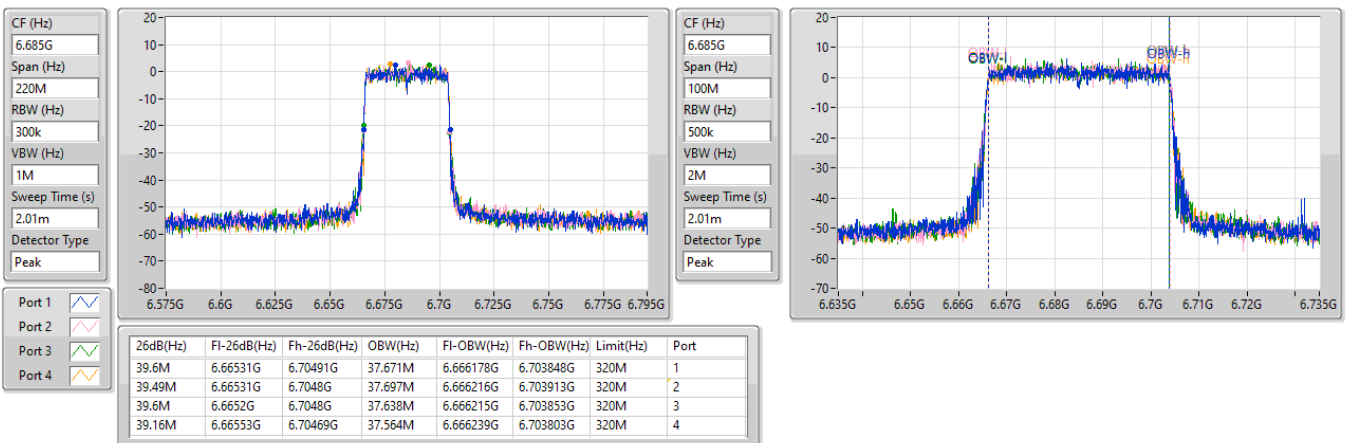


6.525-6.875GHz_802.11bn UHR40-BF_Nss2,(MCS0)_4TX

EBW

6685MHz

01/06/2026

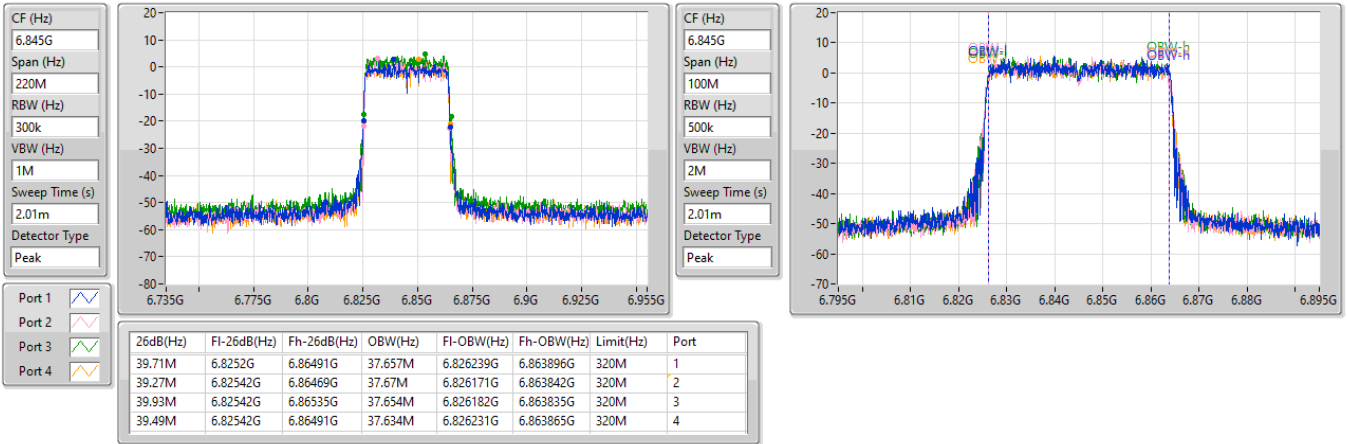


6.525-6.875GHz_802.11bn UHR40-BF_Nss2,(MCS0)_4TX

EBW

6845MHz

01/06/2026

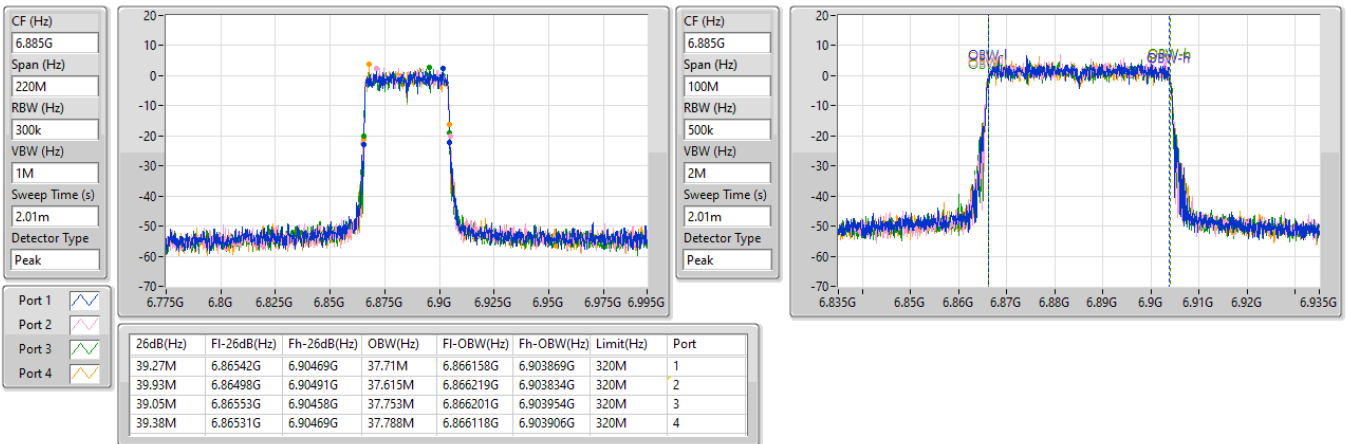


6.525-6.875GHz_802.11bn UHR40-BF_Nss2,(MCS0)_4TX

EBW

6885MHz

01/06/2026

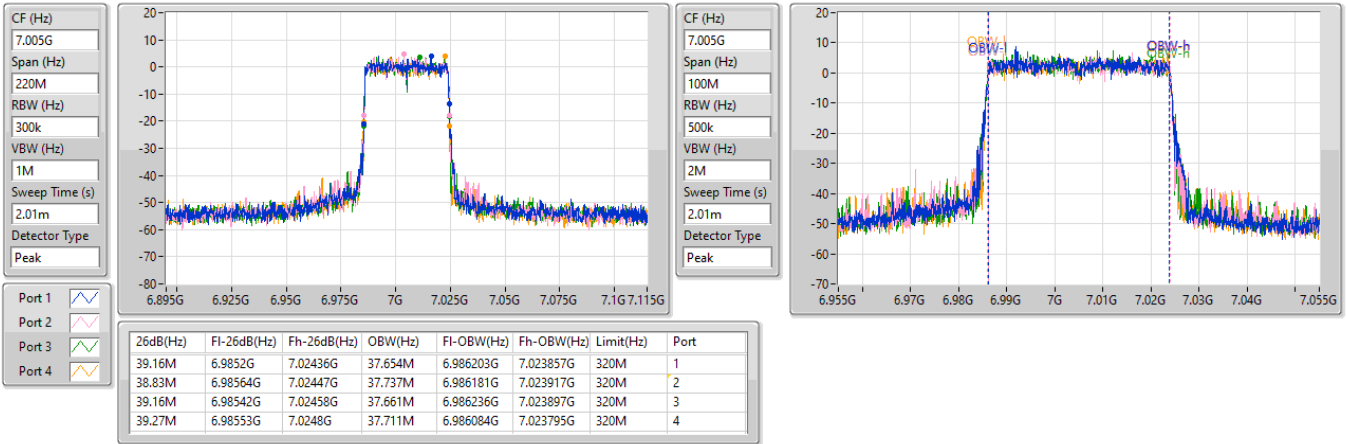


6.875-7.125GHz_802.11bn UHR40-BF_Nss2,(MCS0)_4TX

EBW

7005MHz

01/06/2026

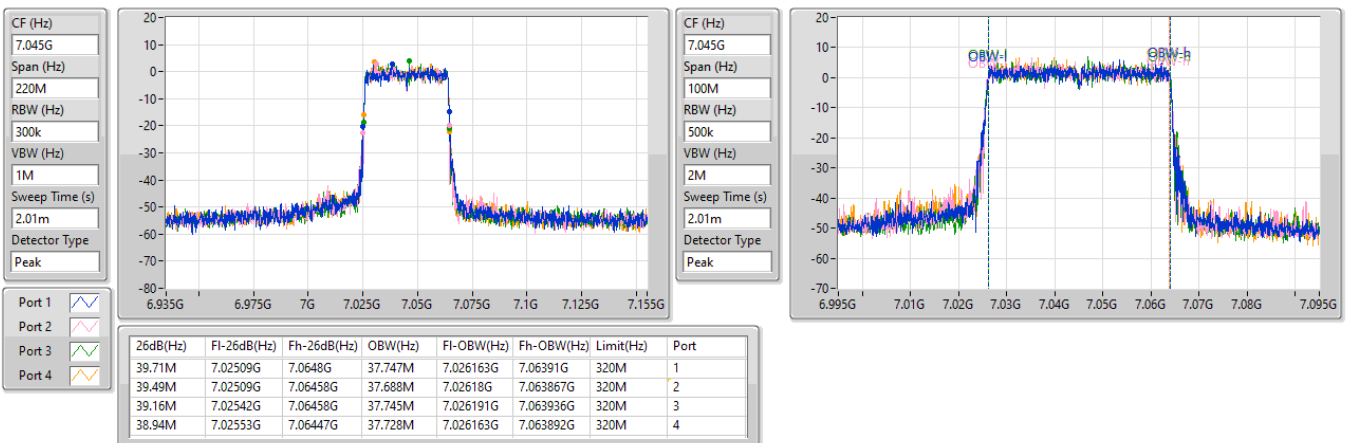


6.875-7.125GHz_802.11bn UHR40-BF_Nss2,(MCS0)_4TX

EBW

7045MHz

01/06/2026

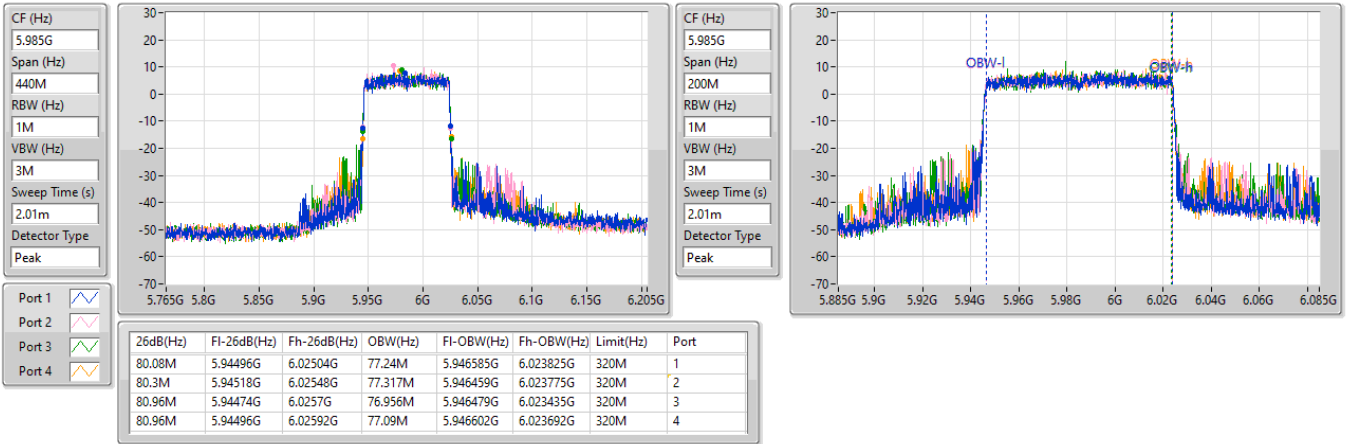


5.925-6.425GHz_802.11bn UHR80-BF_Nss2,(MCS0)_4TX

EBW

5985MHz

01/06/2026

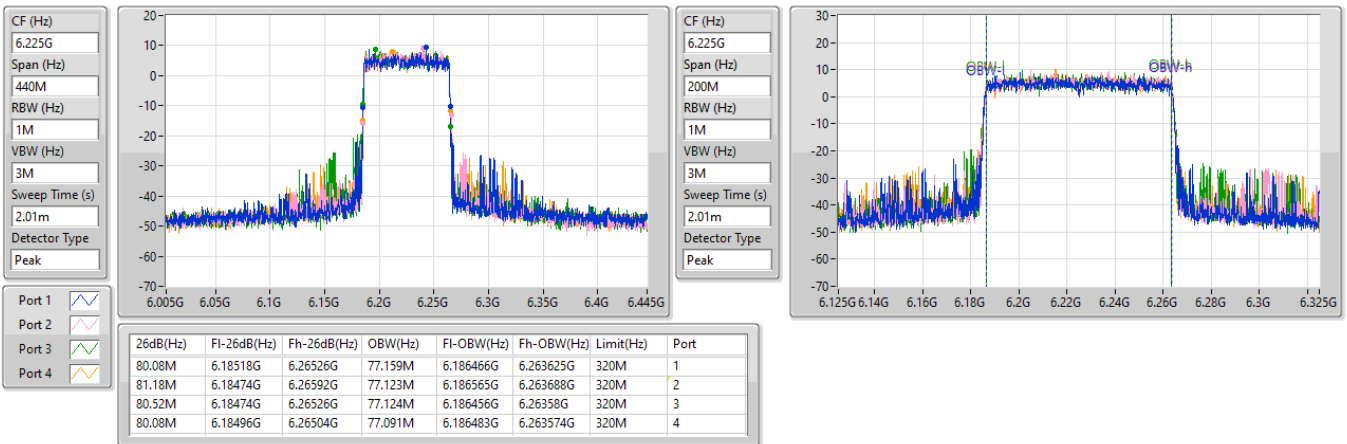


5.925-6.425GHz_802.11bn UHR80-BF_Nss2,(MCS0)_4TX

EBW

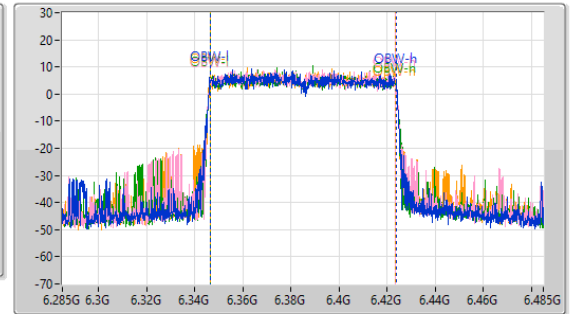
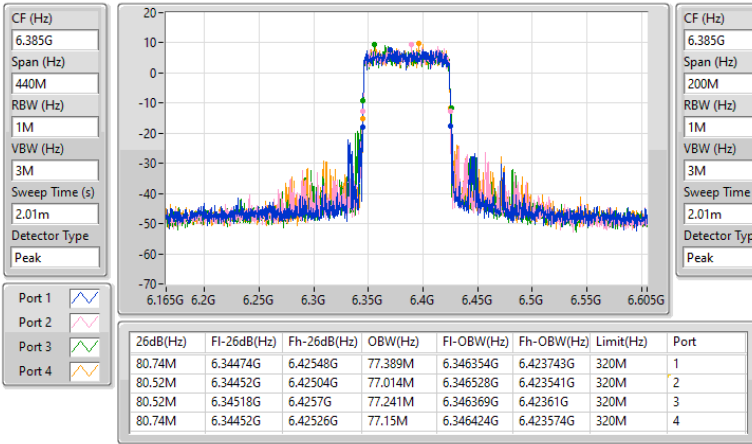
6225MHz

01/06/2026

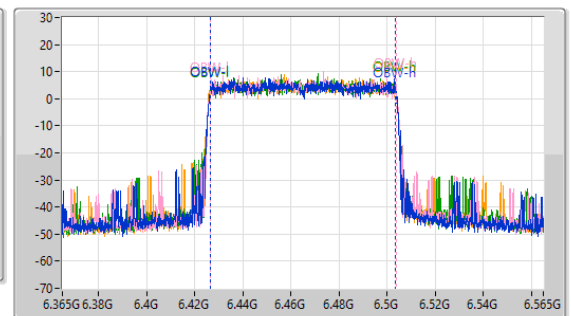
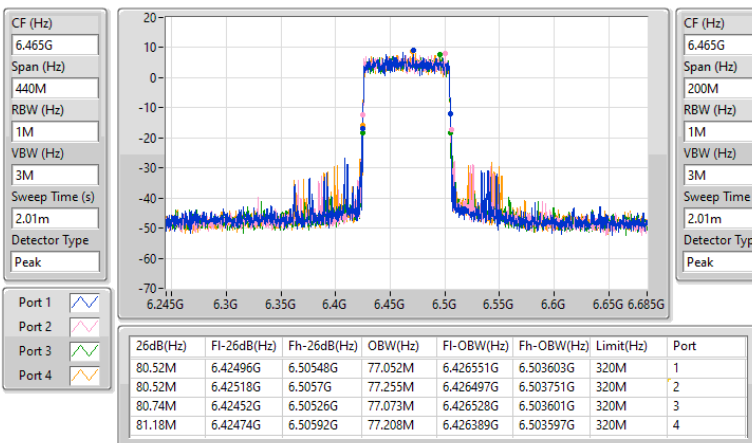


5.925-6.425GHz_802.11bn UHR80-BF_Nss2,(MCS0)_4TX
EBW
6385MHz

01/06/2026

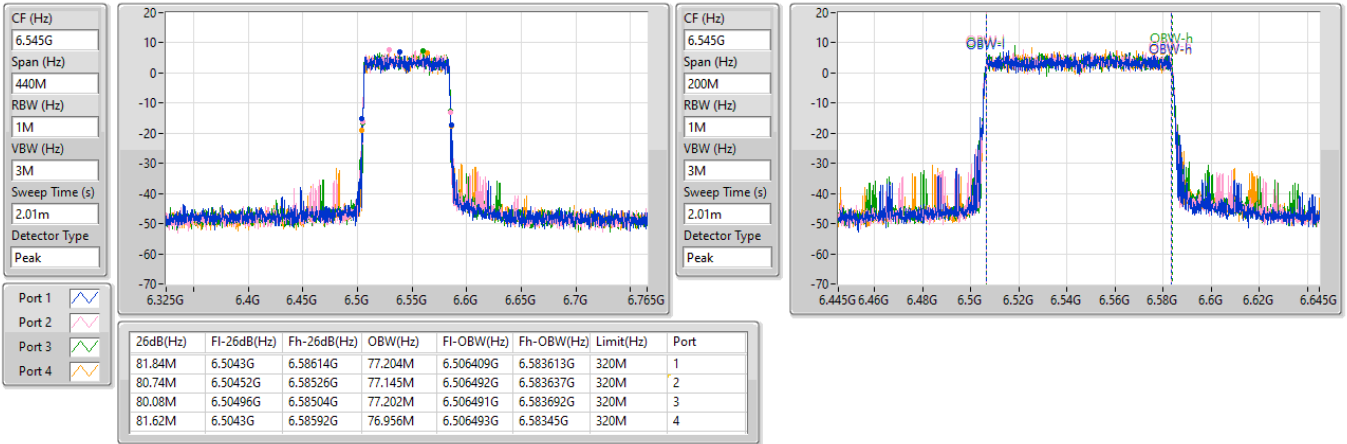

6.425-6.525GHz_802.11bn UHR80-BF_Nss2,(MCS0)_4TX
EBW
6465MHz

01/06/2026

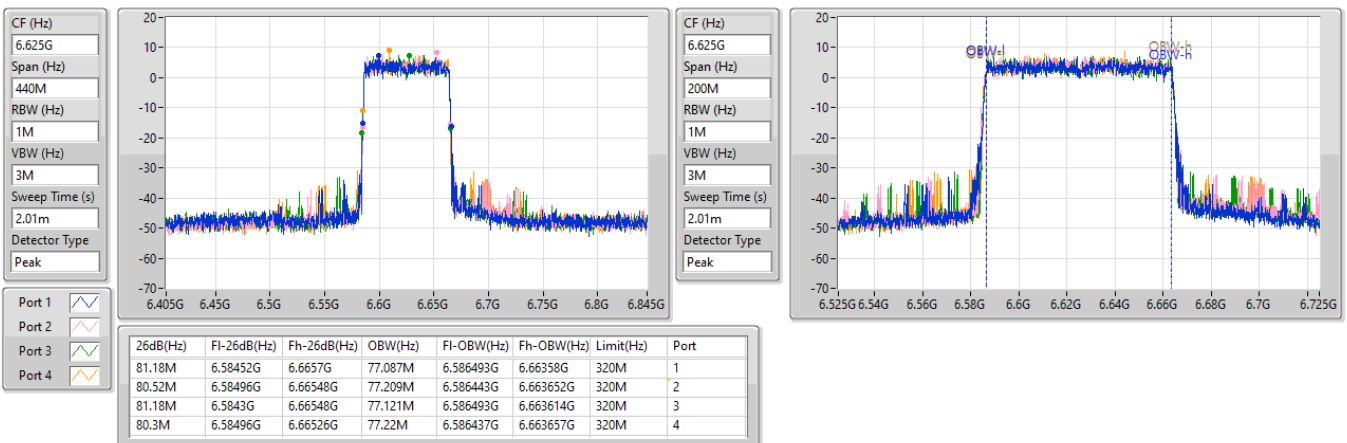


6.425-6.525GHz_802.11bn UHR80-BF_Nss2,(MCS0)_4TX
EBW
6545MHz

01/06/2026


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

01/06/2026

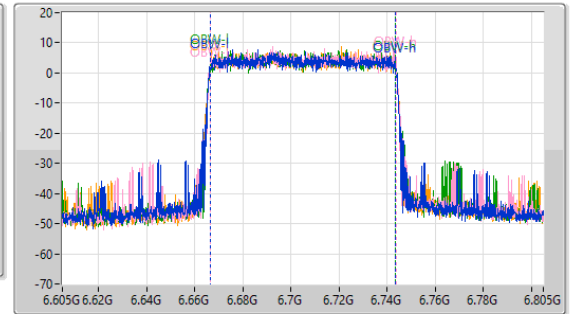
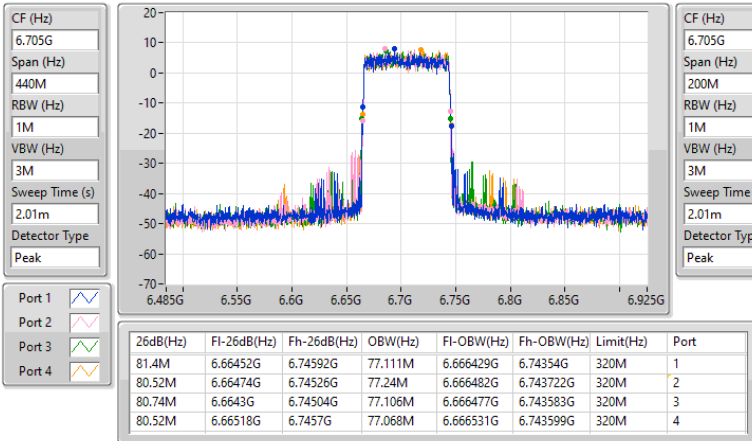


6.525-6.875GHz_802.11bn UHR80-BF_Nss2,(MCS0)_4TX

EBW

6705MHz

01/06/2026

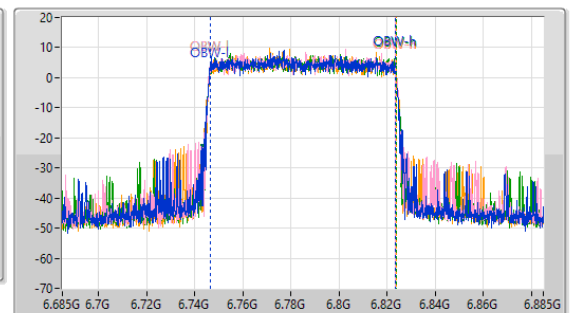
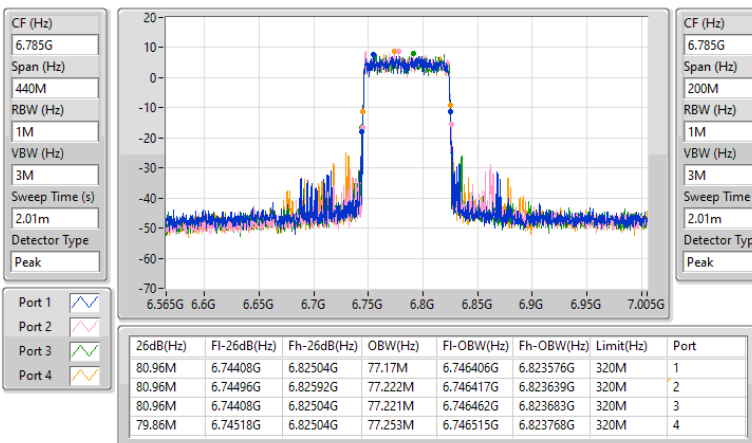


6.525-6.875GHz_802.11bn UHR80-BF_Nss2,(MCS0)_4TX

EBW

6785MHz

01/06/2026

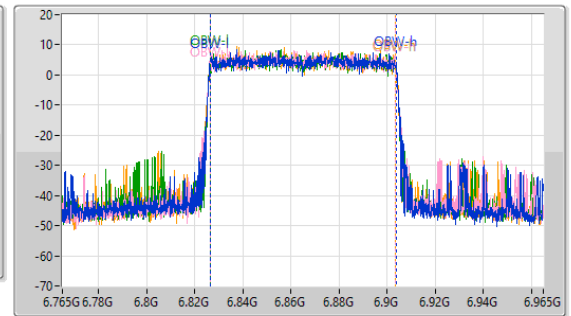
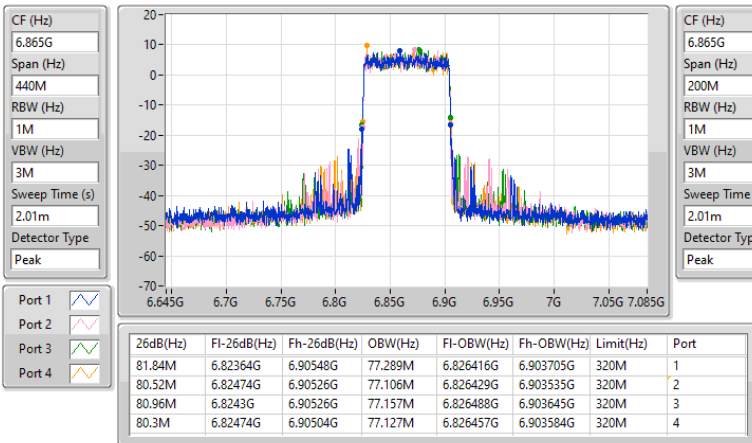


6.525-6.875GHz_802.11bn UHR80-BF_Nss2,(MCS0)_4TX

EBW

6865MHz

01/06/2026

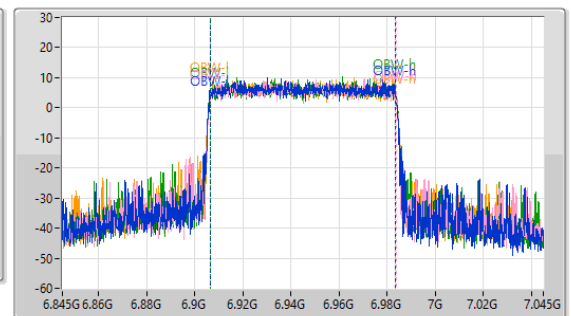
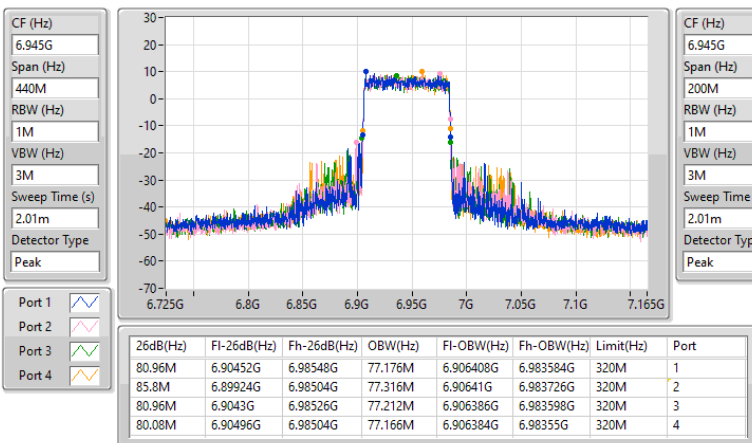


6.875-7.125GHz_802.11bn UHR80-BF_Nss2,(MCS0)_4TX

EBW

6945MHz

01/06/2026

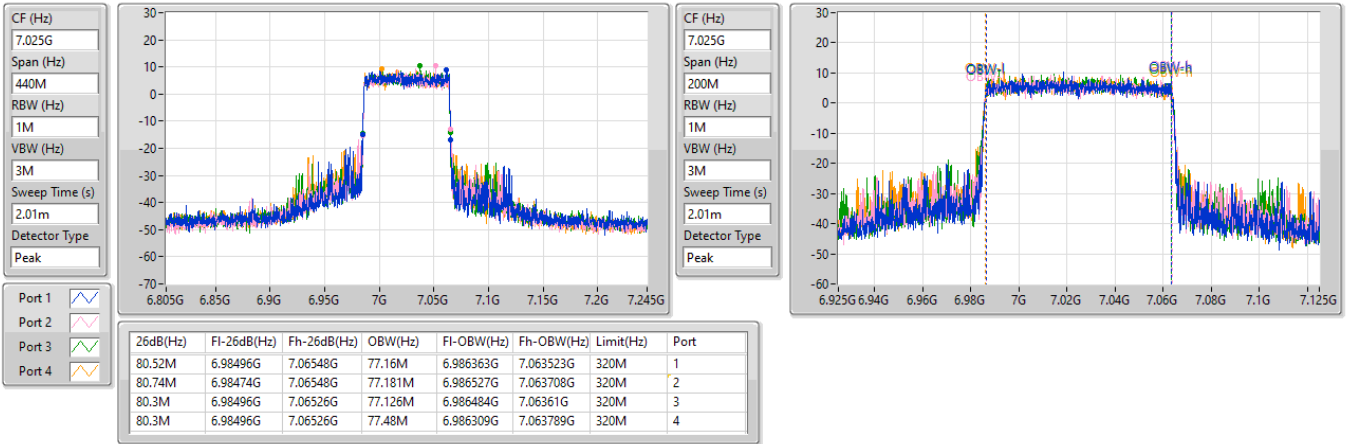


6.875-7.125GHz_802.11bn UHR80-BF_Nss2,(MCS0)_4TX

EBW

7025MHz

01/06/2026

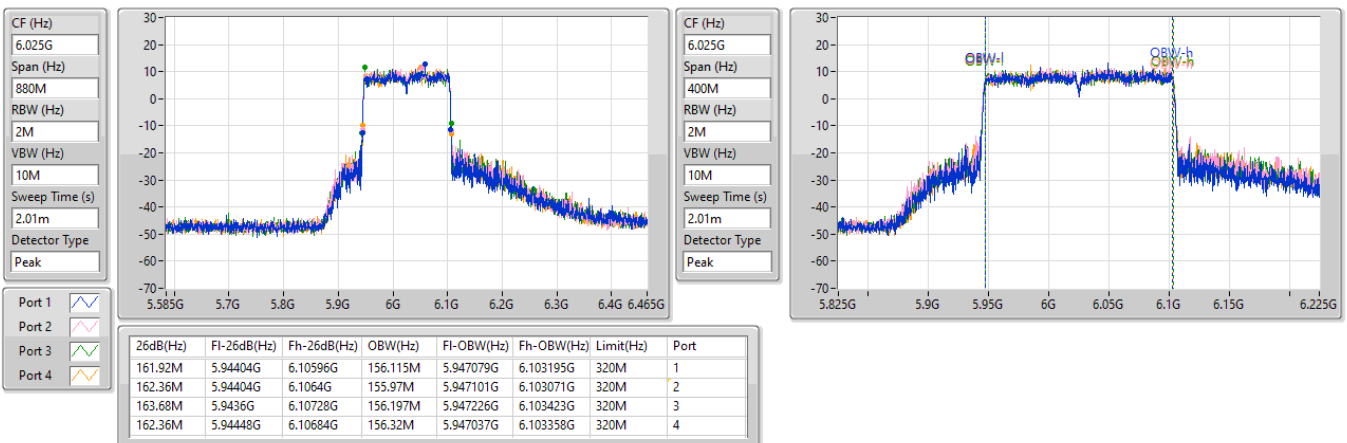


5.925-6.425GHz_802.11bn UHR160-BF_Nss2,(MCS0)_4TX

EBW

6025MHz

01/06/2026

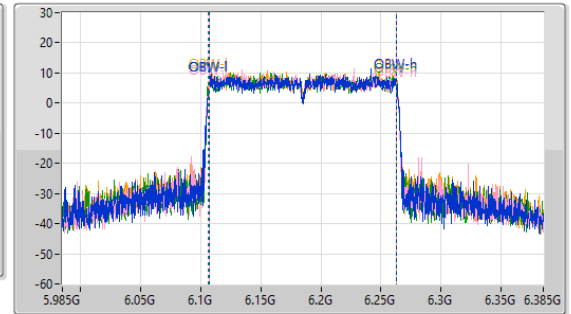
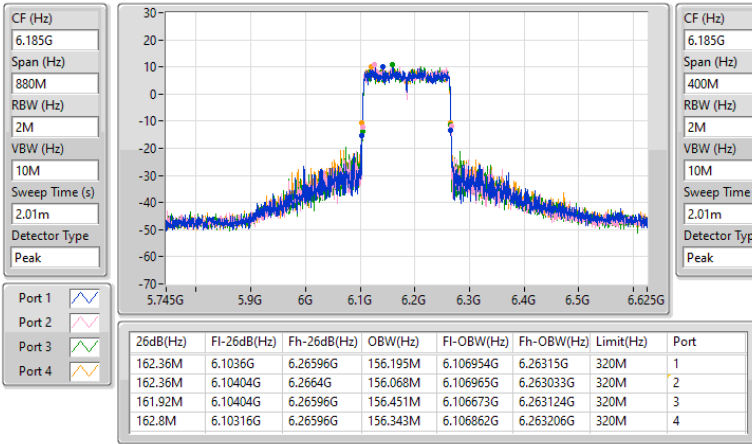


5.925-6.425GHz_802.11bn UHR160-BF_Nss2,(MCS0)_4TX

EBW

6185MHz

01/06/2026

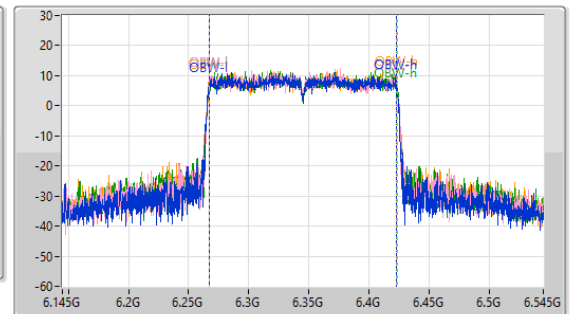


5.925-6.425GHz_802.11bn UHR160-BF_Nss2,(MCS0)_4TX

EBW

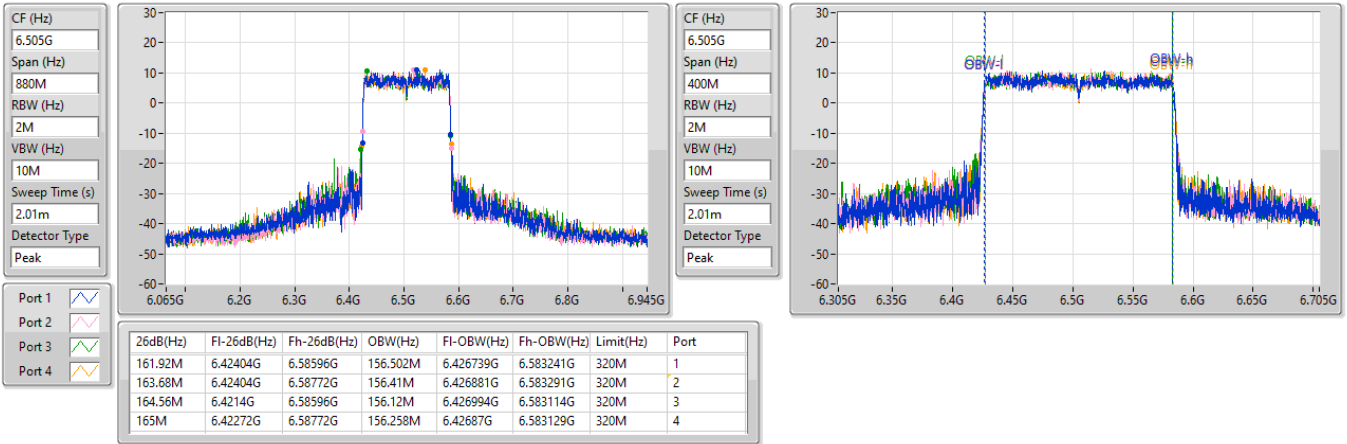
6345MHz

01/06/2026

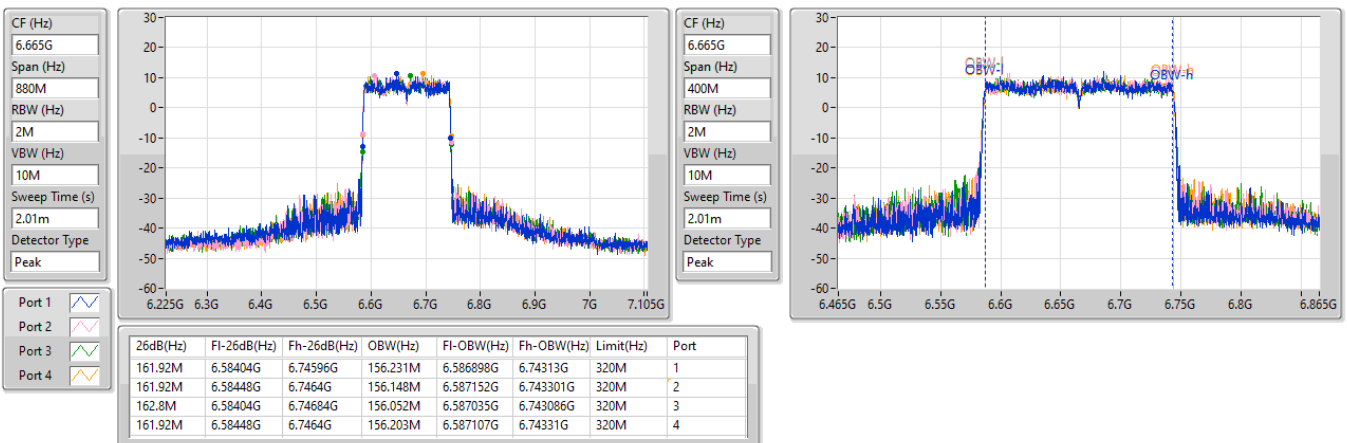


6.425-6.525GHz_802.11bn UHR160-BF_Nss2,(MCS0)_4TX
EBW
6505MHz

01/06/2026


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

01/06/2026

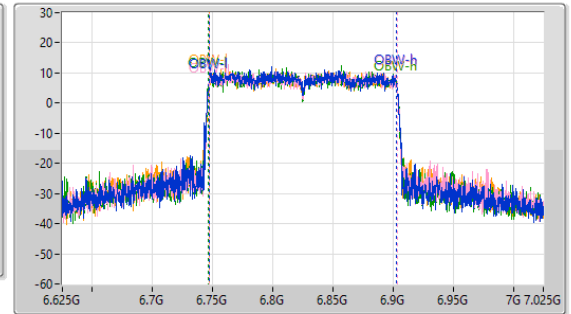
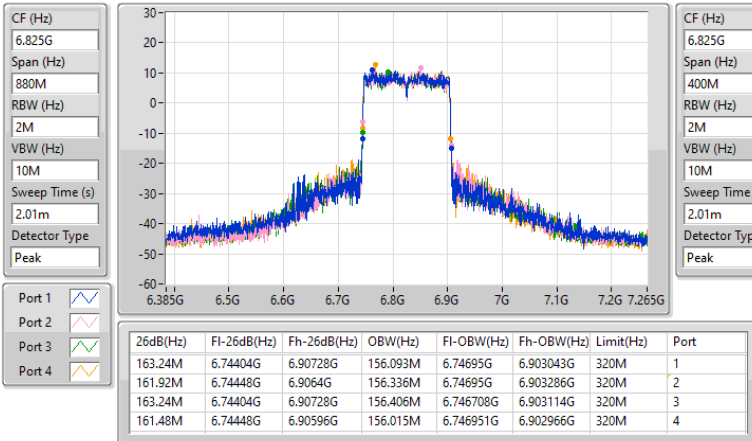


6.525-6.875GHz_802.11bn UHR160-BF_Nss2,(MCS0)_4TX

EBW

6825MHz

01/06/2026

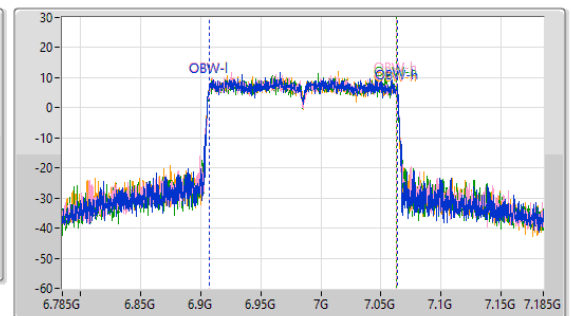
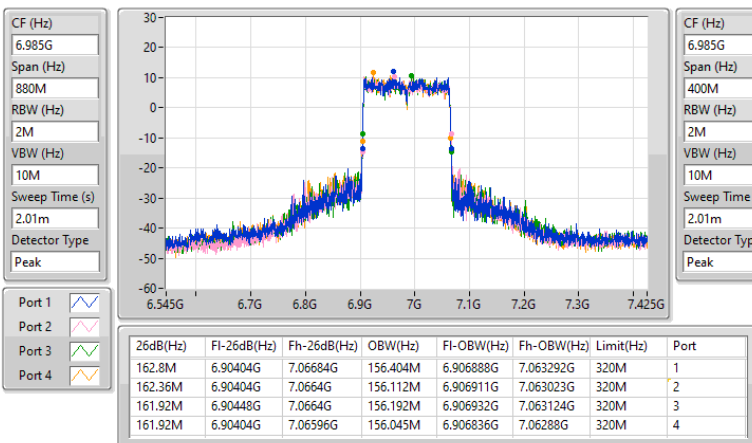


6.875-7.125GHz_802.11bn UHR160-BF_Nss2,(MCS0)_4TX

EBW

6985MHz

01/06/2026

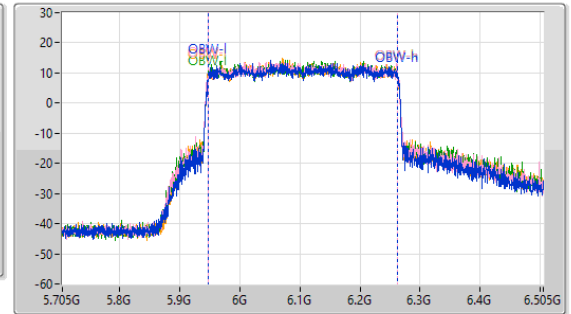
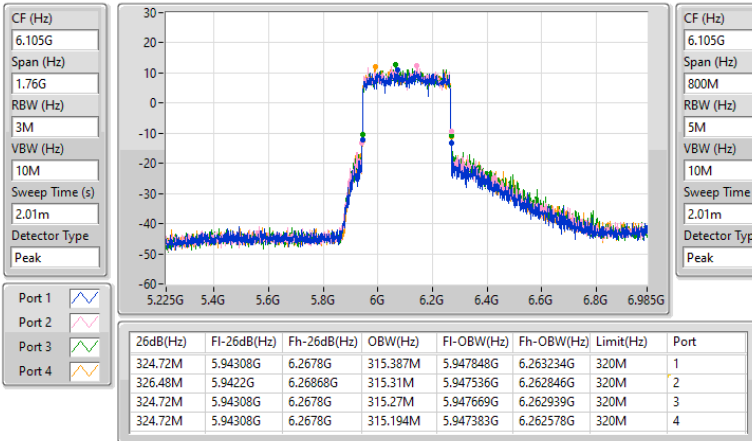


5.925-6.425GHz_802.11bn UHR320-BF_Nss2,(MCS0)_4TX

EBW

6105MHz

01/06/2026

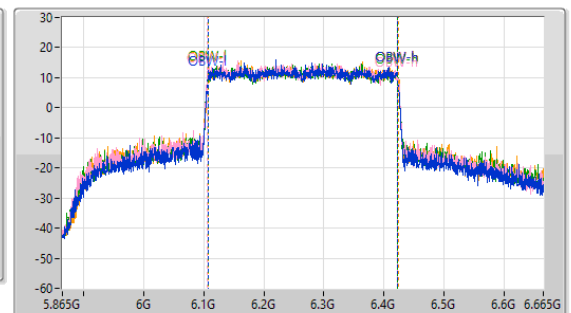
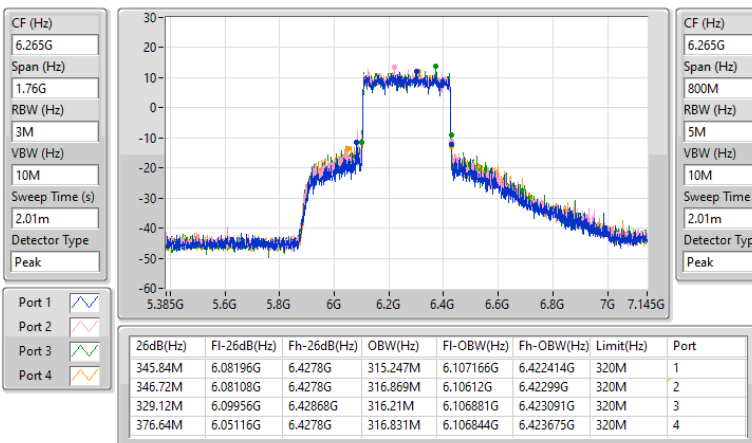


5.925-6.425GHz_802.11bn UHR320-BF_Nss2,(MCS0)_4TX

EBW

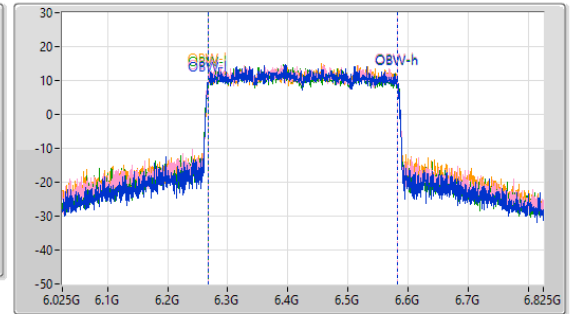
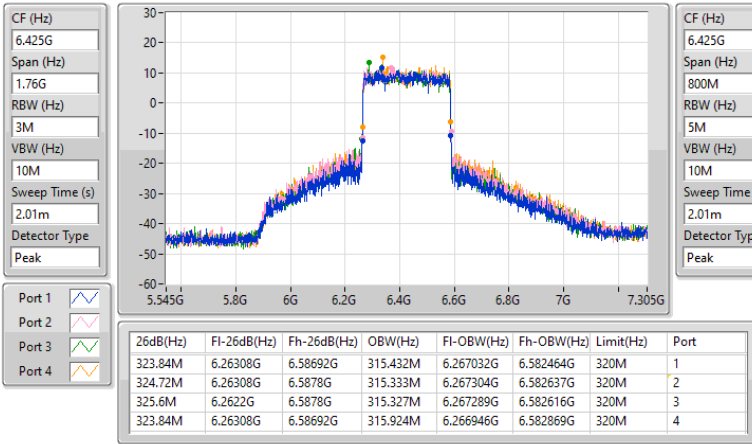
6265MHz

01/06/2026

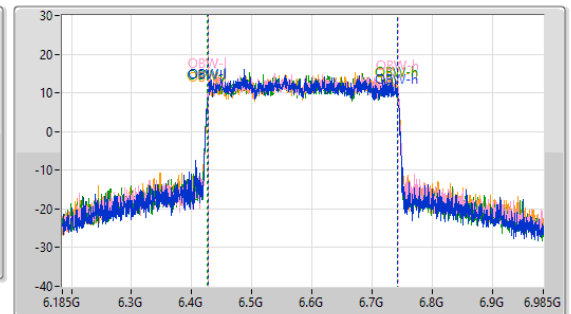
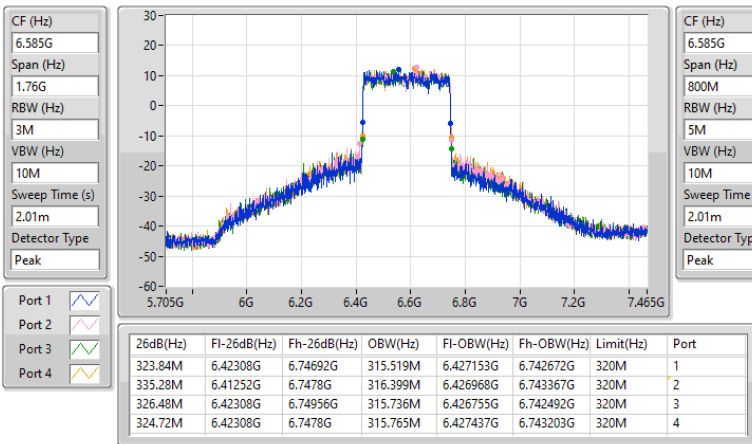


5.925-6.425GHz_802.11bn UHR320-BF_Nss2,(MCS0)_4TX
EBW
6425MHz

01/06/2026


6.425-6.525GHz_802.11bn UHR320-BF_Nss2,(MCS0)_4TX
EBW
6585MHz

01/06/2026

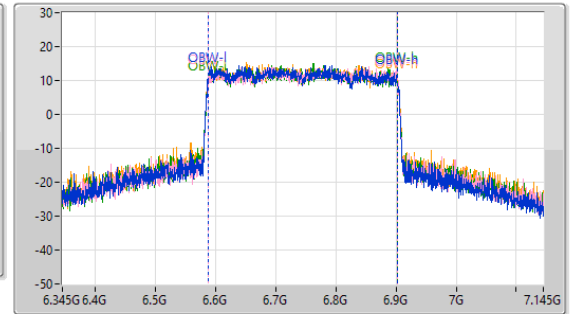
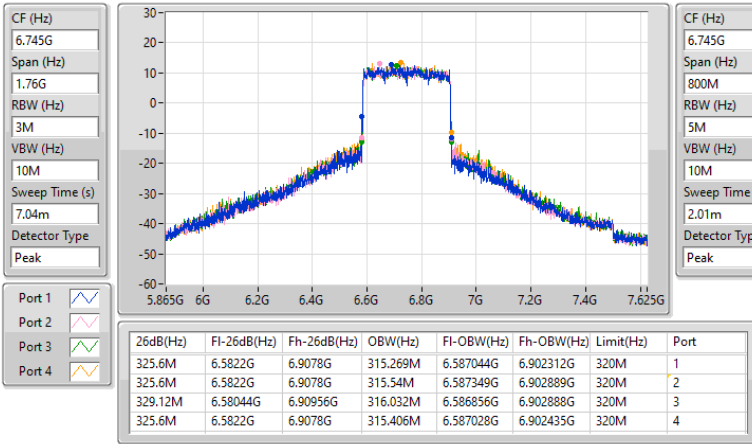


6.525-6.875GHz_802.11bn UHR320-BF_Nss2,(MCS0)_4TX

EBW

6745MHz

01/06/2026

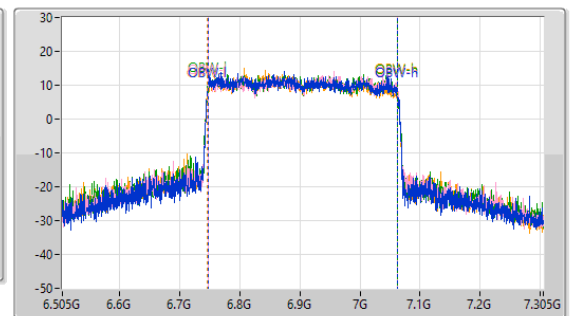
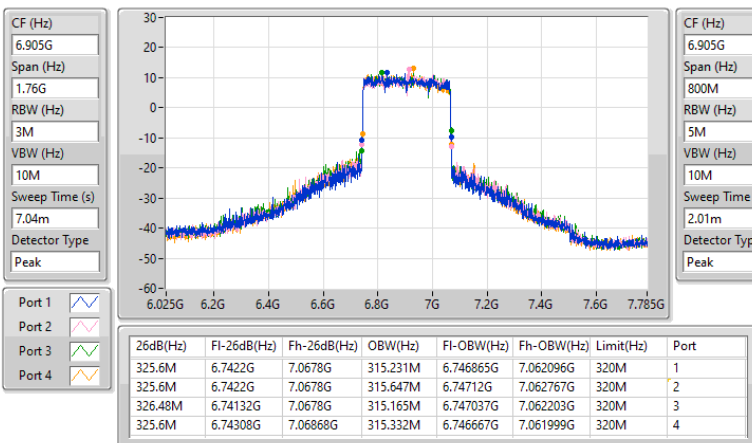


6.525-6.875GHz_802.11bn UHR320-BF_Nss2,(MCS0)_4TX

EBW

6905MHz

01/06/2026



Summary

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	14.44	0.02780
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	16.55	0.04519
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	17.73	0.05929
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	21.37	0.13709
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	18.70	0.07413
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	23.86	0.24322
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	22.84	0.19231
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	25.11	0.32434
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	27.58	0.57280
802.11bn UHR320-BF_Nss1,(MCS0)_4TX	29.91	0.97949
802.11bn UHR320-BF_Nss2,(MCS0)_4TX	29.39	0.86896
6.425-6.525GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	14.14	0.02594
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	17.11	0.05140
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	17.68	0.05861
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	19.66	0.09247
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	18.63	0.07295
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	22.20	0.16596
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	23.19	0.20845
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	23.60	0.22909
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	25.66	0.36813
802.11bn UHR320-BF_Nss1,(MCS0)_4TX	29.45	0.88105
802.11bn UHR320-BF_Nss2,(MCS0)_4TX	28.59	0.72277
6.525-6.875GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	14.71	0.02958
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	18.58	0.07211
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	18.02	0.06339
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	22.07	0.16106
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	19.07	0.08072
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	23.22	0.20989
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	23.64	0.23121
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	25.49	0.35400
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	25.72	0.37325
802.11bn UHR320-BF_Nss1,(MCS0)_4TX	28.23	0.66527
802.11bn UHR320-BF_Nss2,(MCS0)_4TX	28.47	0.70307
6.875-7.125GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	12.76	0.01888
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	17.66	0.05834
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	17.31	0.05383
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	21.45	0.13964
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	20.31	0.10740
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	23.86	0.24322
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	23.75	0.23714
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	24.52	0.28314
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	25.58	0.36141

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-
5955MHz	Pass	14.16	30.00
6195MHz	Pass	13.32	30.00
6415MHz	Pass	14.44	30.00
6435MHz	Pass	14.14	30.00
6475MHz	Pass	13.85	30.00
6515MHz	Pass	13.97	30.00
6535MHz	Pass	14.30	30.00
6695MHz	Pass	14.71	30.00
6855MHz	Pass	14.42	30.00
6875MHz	Pass	14.08	30.00
6995MHz	Pass	12.76	30.00
7055MHz	Pass	11.94	30.00
802.11bn UHR20-BF_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	16.35	30.00
6195MHz	Pass	16.55	30.00
6415MHz	Pass	15.26	30.00
6435MHz	Pass	16.86	30.00
6475MHz	Pass	16.79	30.00
6515MHz	Pass	17.11	30.00
6535MHz	Pass	17.79	30.00
6695MHz	Pass	15.68	30.00
6855MHz	Pass	18.58	30.00
6875MHz	Pass	17.23	30.00
6995MHz	Pass	17.51	30.00
7055MHz	Pass	17.66	30.00
802.11bn UHR40-BF_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	21.37	30.00
6205MHz	Pass	20.90	30.00
6405MHz	Pass	21.04	30.00
6445MHz	Pass	19.66	30.00
6485MHz	Pass	19.64	30.00
6525MHz	Pass	19.29	30.00
6565MHz	Pass	20.71	30.00
6685MHz	Pass	20.75	30.00
6845MHz	Pass	20.08	30.00
6885MHz	Pass	22.07	30.00
7005MHz	Pass	21.45	30.00
7045MHz	Pass	17.77	30.00
802.11bn UHR80-BF_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	23.86	30.00
6225MHz	Pass	21.89	30.00
6385MHz	Pass	22.36	30.00
6465MHz	Pass	21.70	30.00
6545MHz	Pass	22.20	30.00
6625MHz	Pass	21.43	30.00
6705MHz	Pass	21.62	30.00
6785MHz	Pass	23.22	30.00
6865MHz	Pass	21.67	30.00
6945MHz	Pass	23.86	30.00
7025MHz	Pass	21.92	30.00
802.11bn UHR160-BF_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	24.68	30.00
6185MHz	Pass	25.03	30.00
6345MHz	Pass	25.11	30.00

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
6505MHz	Pass	23.60	30.00
6665MHz	Pass	25.49	30.00
6825MHz	Pass	24.86	30.00
6985MHz	Pass	24.52	30.00
802.11bn UHR320-BF_Nss1,(MCS0)_4TX	-	-	-
6105MHz	Pass	28.29	30.00
6265MHz	Pass	29.91	30.00
6425MHz	Pass	29.37	30.00
6585MHz	Pass	29.45	30.00
6745MHz	Pass	28.23	30.00
6905MHz	Pass	27.99	30.00
802.11bn UHR20-BF_Nss2,(MCS0)_4TX	-	-	-
5955MHz	Pass	17.73	30.00
6195MHz	Pass	17.43	30.00
6415MHz	Pass	17.62	30.00
6435MHz	Pass	17.68	30.00
6475MHz	Pass	16.15	30.00
6515MHz	Pass	17.57	30.00
6535MHz	Pass	16.95	30.00
6695MHz	Pass	18.02	30.00
6855MHz	Pass	17.08	30.00
6875MHz	Pass	17.60	30.00
6995MHz	Pass	17.07	30.00
7055MHz	Pass	17.31	30.00
802.11bn UHR40-BF_Nss2,(MCS0)_4TX	-	-	-
5965MHz	Pass	18.64	30.00
6205MHz	Pass	18.70	30.00
6405MHz	Pass	18.65	30.00
6445MHz	Pass	18.04	30.00
6485MHz	Pass	18.54	30.00
6525MHz	Pass	18.63	30.00
6565MHz	Pass	19.07	30.00
6685MHz	Pass	18.98	30.00
6845MHz	Pass	17.94	30.00
6885MHz	Pass	18.70	30.00
7005MHz	Pass	19.56	30.00
7045MHz	Pass	20.31	30.00
802.11bn UHR80-BF_Nss2,(MCS0)_4TX	-	-	-
5985MHz	Pass	22.84	30.00
6225MHz	Pass	21.29	30.00
6385MHz	Pass	20.70	30.00
6465MHz	Pass	23.19	30.00
6545MHz	Pass	22.21	30.00
6625MHz	Pass	22.87	30.00
6705MHz	Pass	23.17	30.00
6785MHz	Pass	23.64	30.00
6865MHz	Pass	23.40	30.00
6945MHz	Pass	23.75	30.00
7025MHz	Pass	22.99	30.00
802.11bn UHR160-BF_Nss2,(MCS0)_4TX	-	-	-
6025MHz	Pass	27.58	30.00
6185MHz	Pass	25.91	30.00
6345MHz	Pass	25.95	30.00
6505MHz	Pass	25.66	30.00
6665MHz	Pass	25.72	30.00
6825MHz	Pass	20.33	30.00



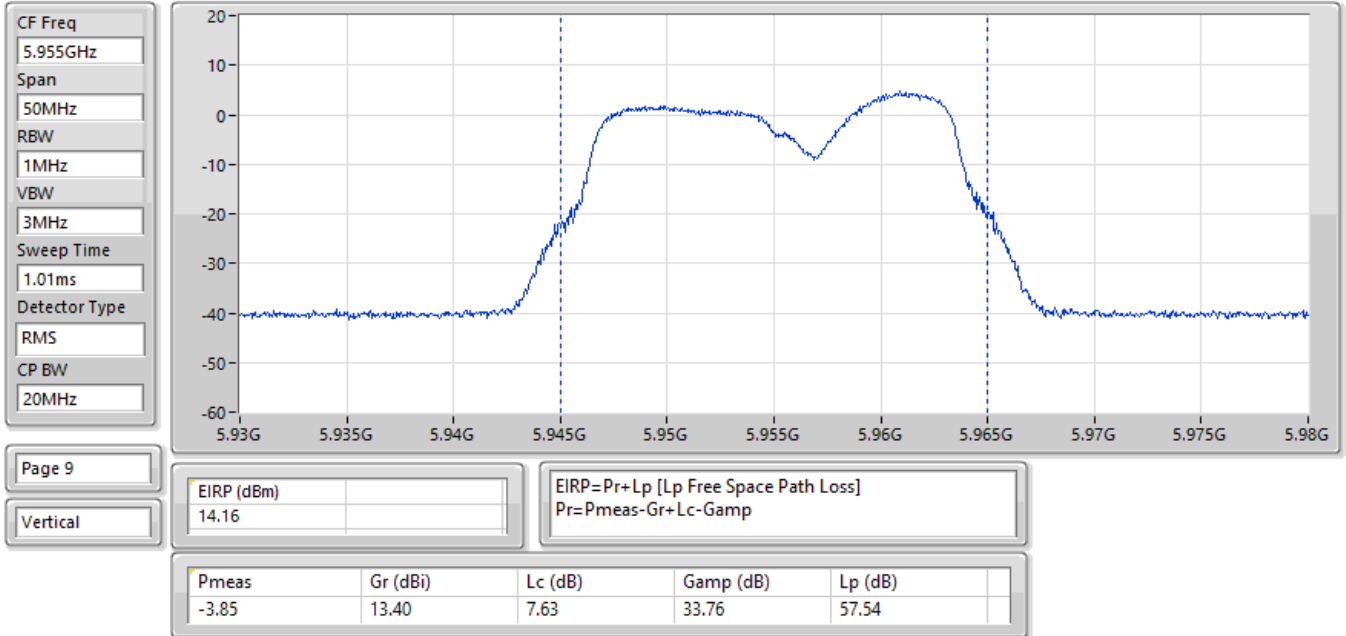
Radiated EIRP_Mode 1

Appendix C.1

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
6985MHz	Pass	25.58	30.00
802.11bn UHR320-BF_Nss2,(MCS0)_4TX	-	-	-
6105MHz	Pass	26.79	30.00
6265MHz	Pass	28.31	30.00
6425MHz	Pass	29.39	30.00
6585MHz	Pass	28.59	30.00
6745MHz	Pass	28.47	30.00
6905MHz	Pass	25.94	30.00

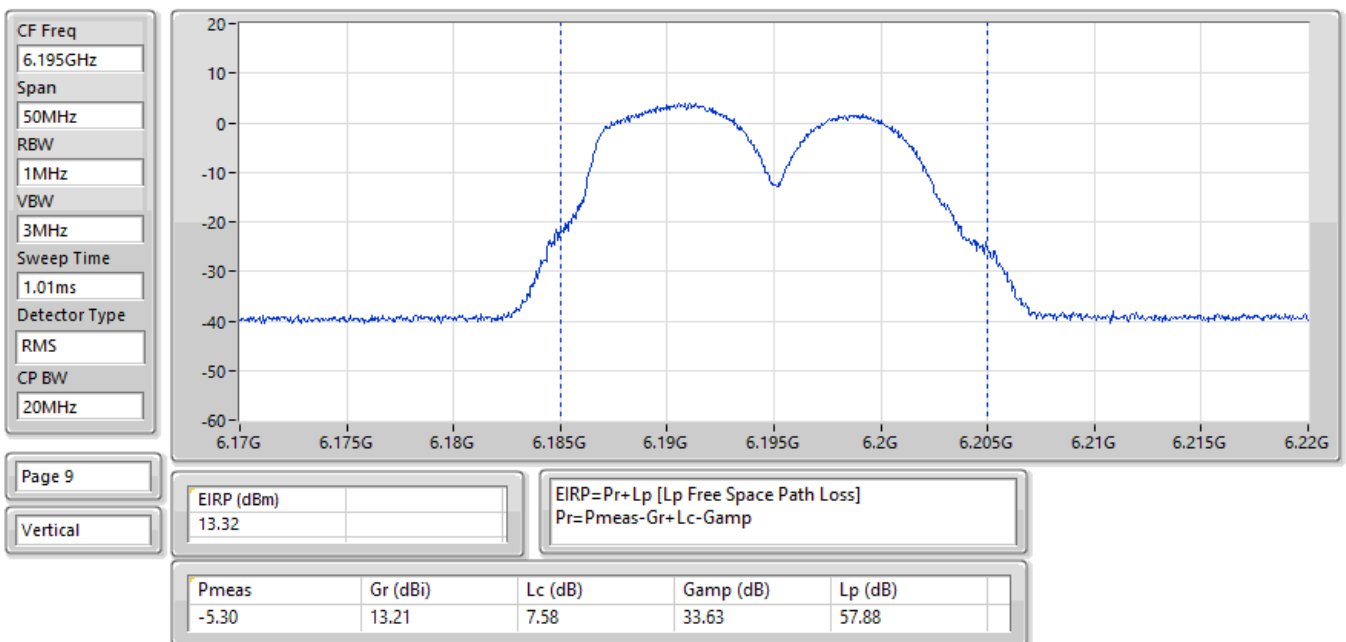
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

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



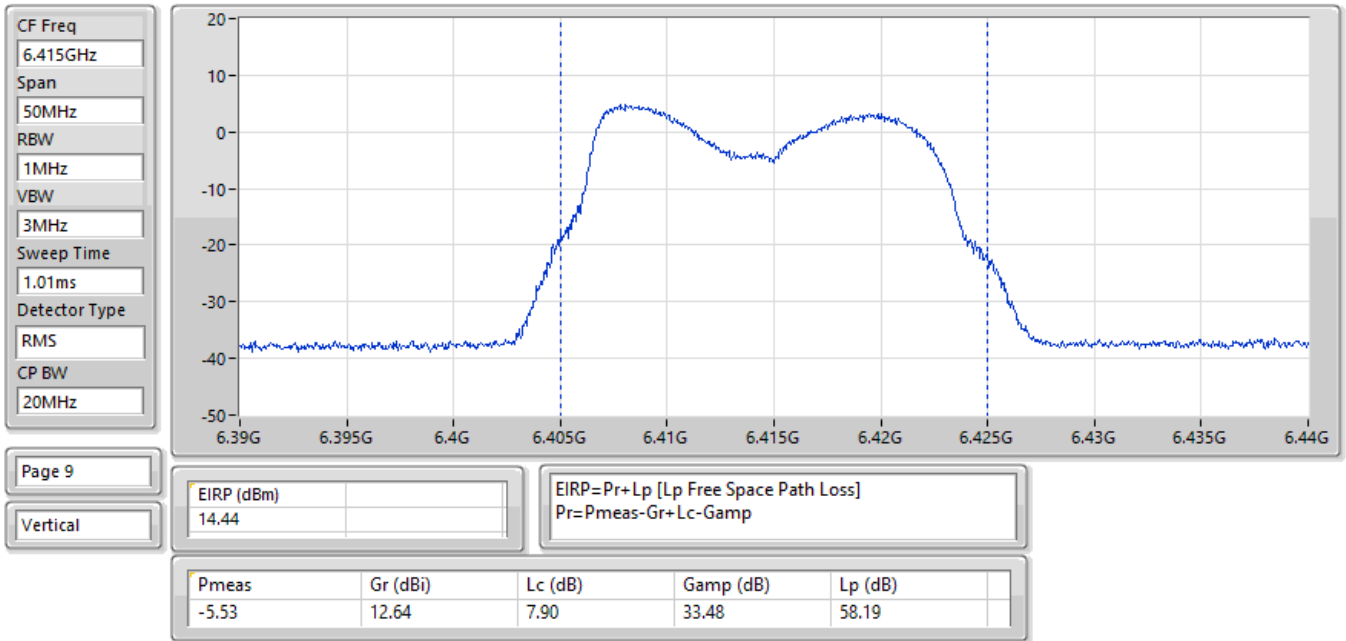
06/05/2026

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



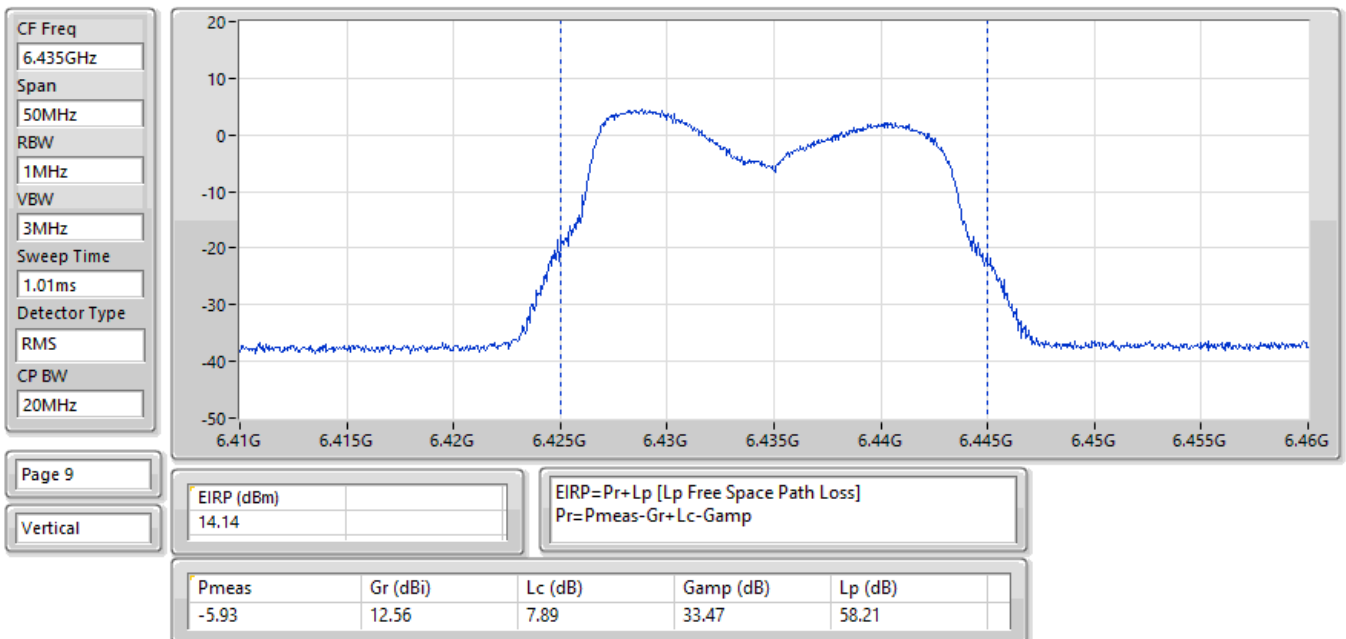
06/05/2026

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



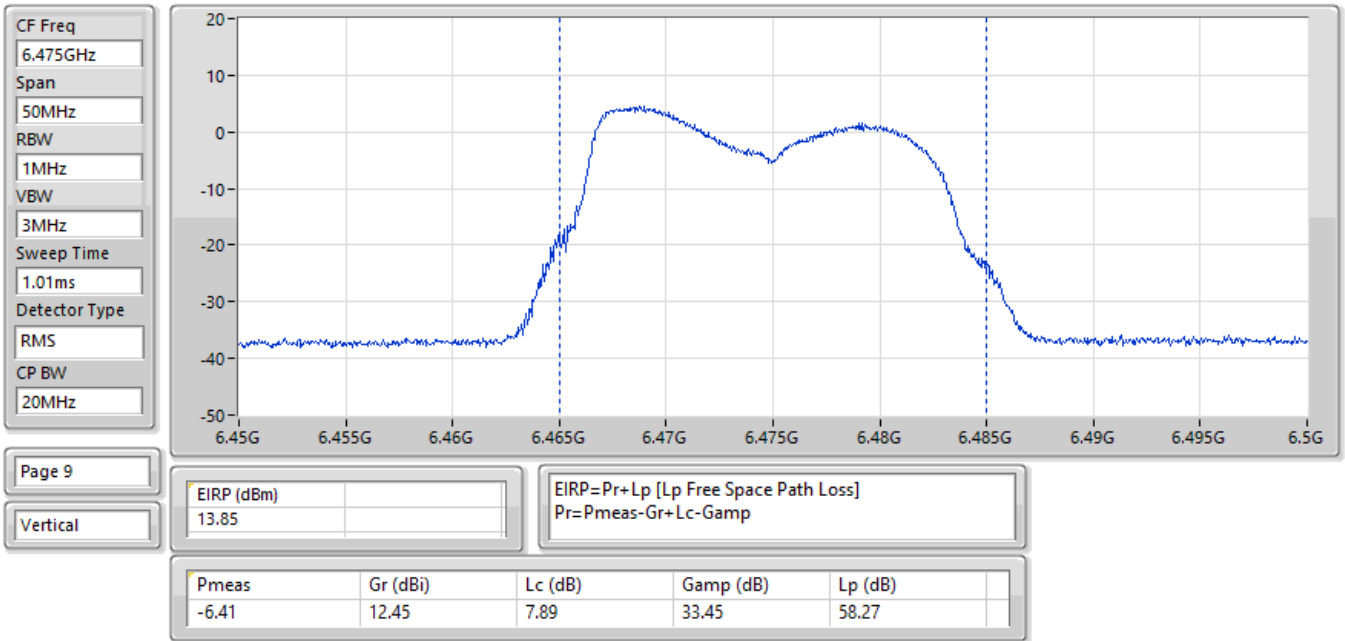
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EIRP:Band:6.4G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6435MHz;TX



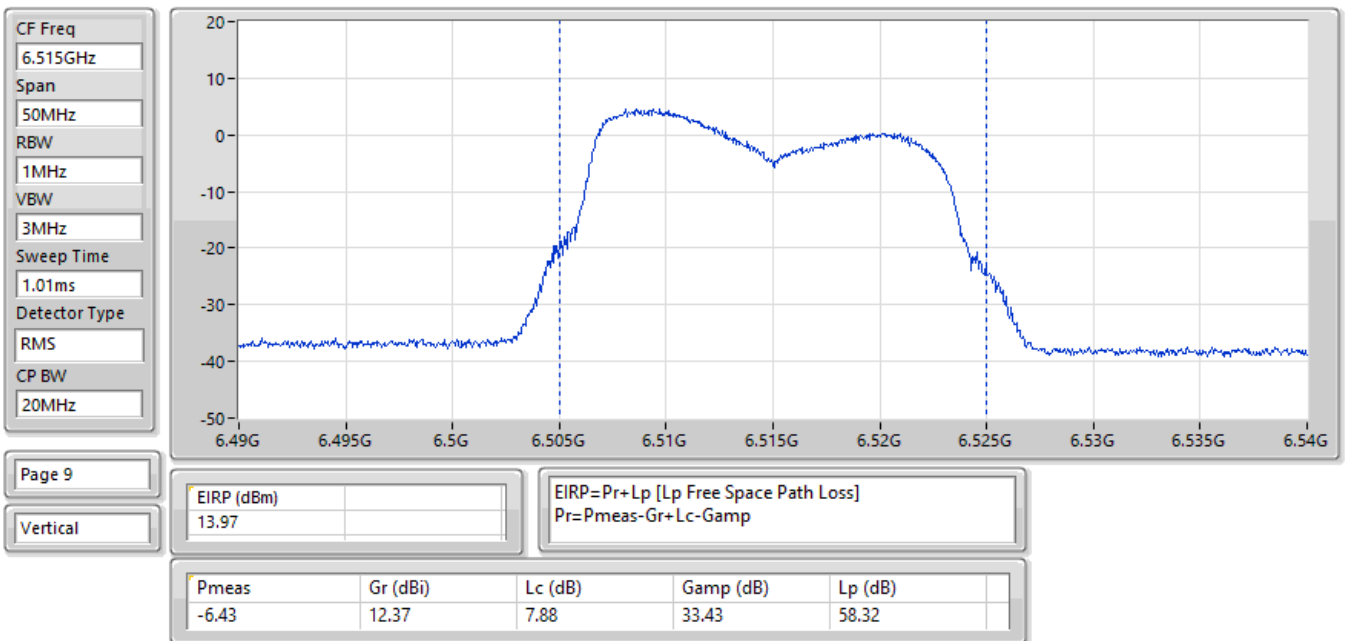
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EIRP;Band:6.4G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6475MHz;TX



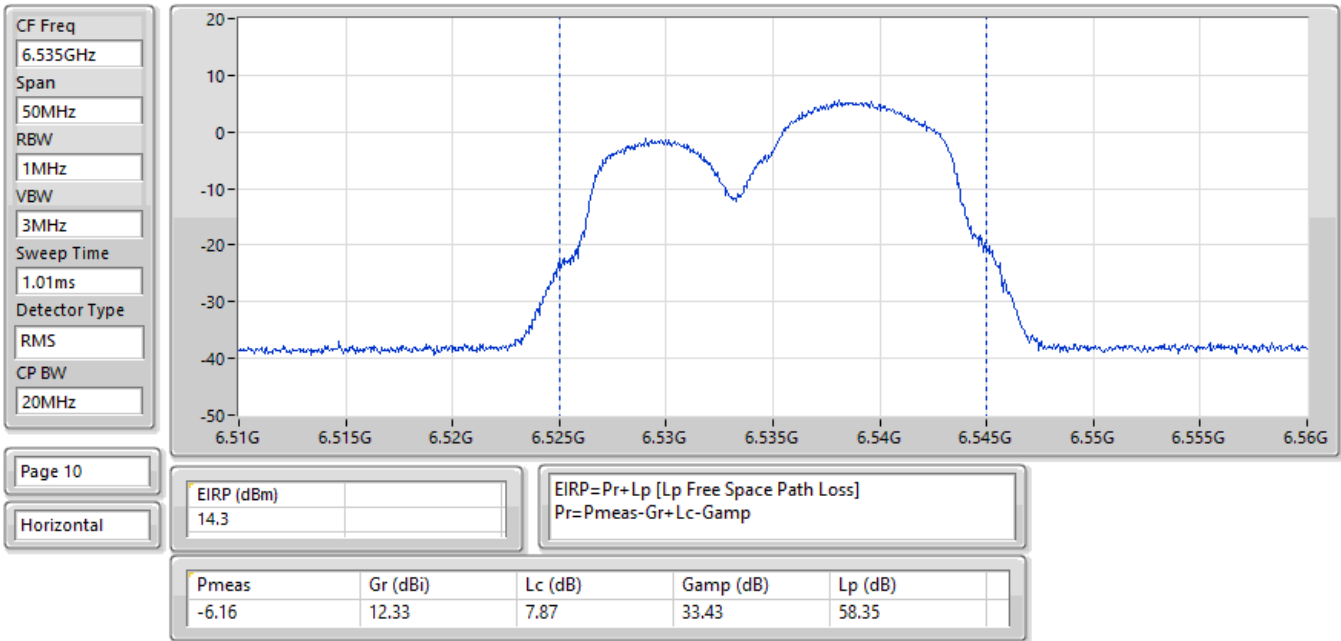
06/05/2026

EIRP;Band:6.4G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6515MHz;TX



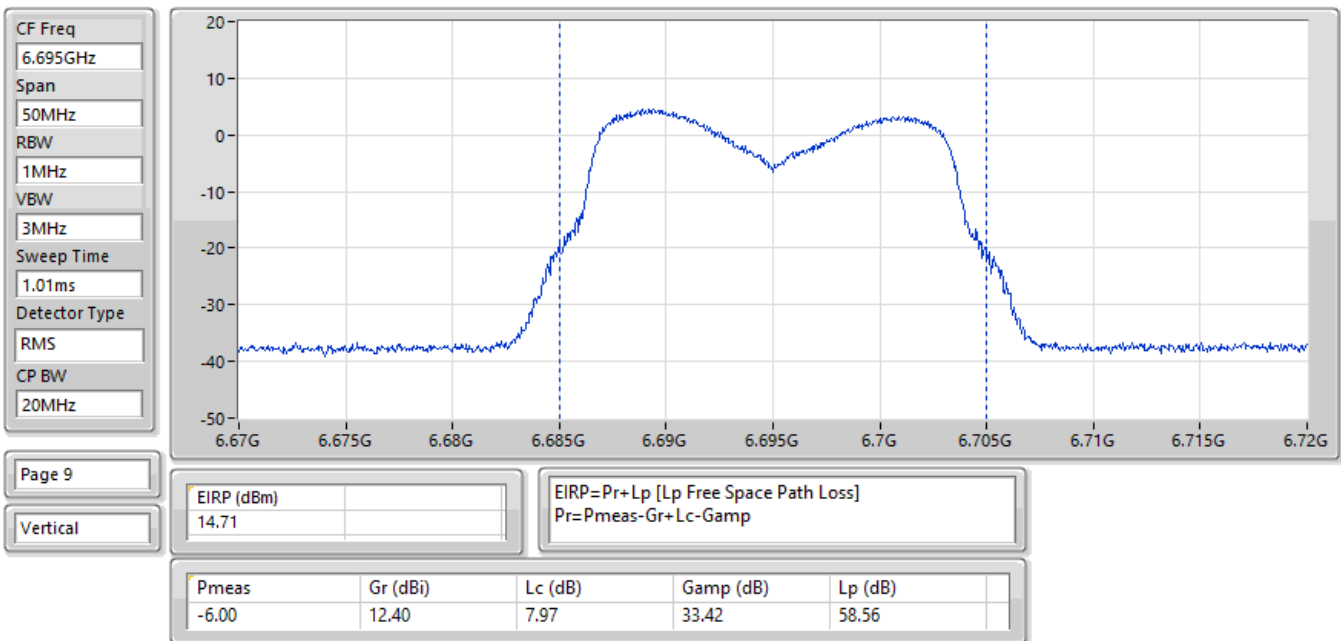
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EIRP:Band:6.7G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6535MHz;TX



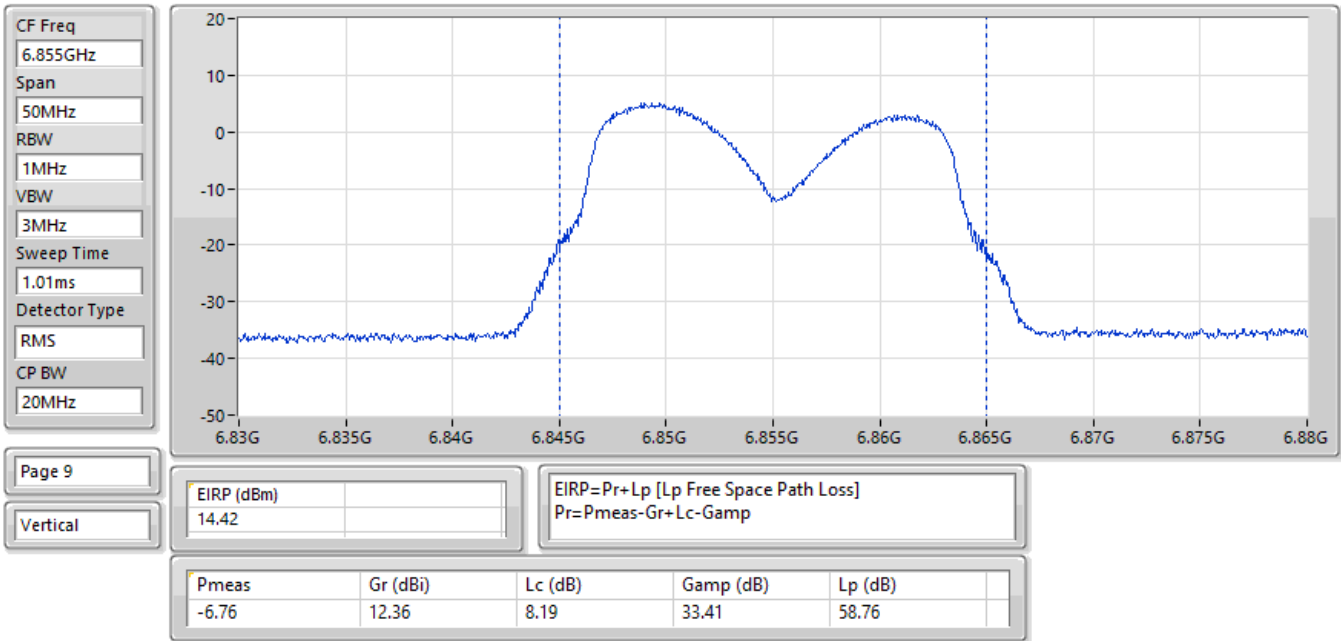
06/05/2026

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



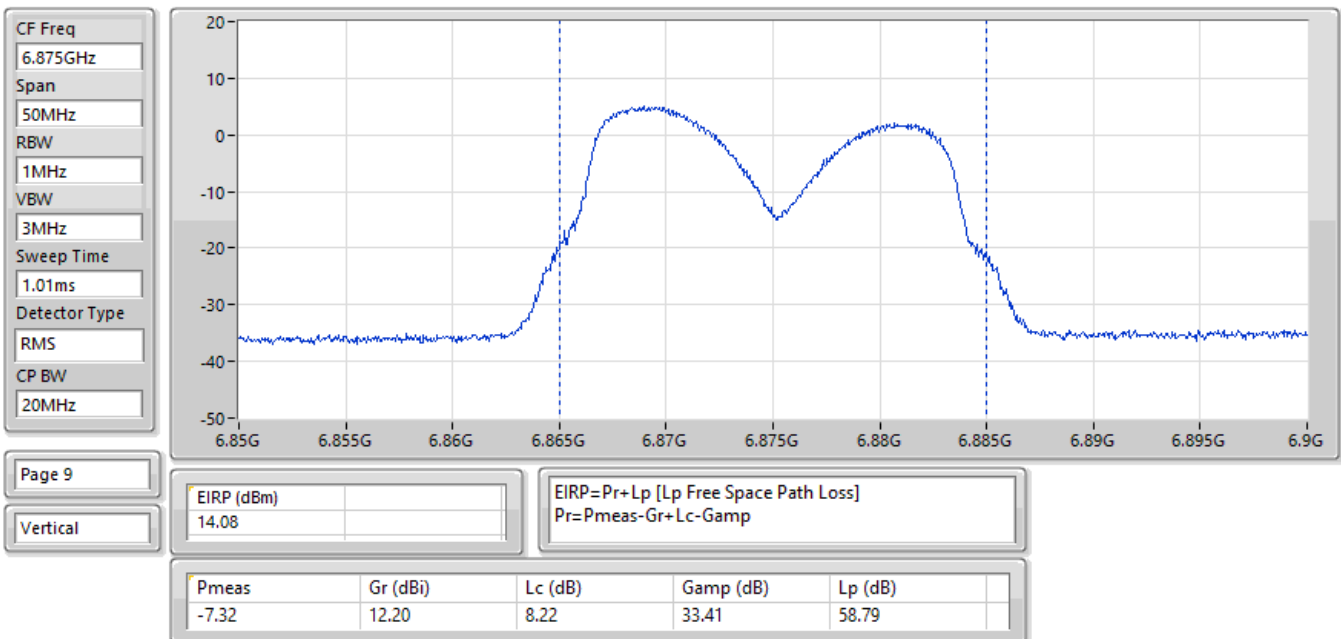
06/05/2026

EIRP;Band:6.7G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6855MHz;TX



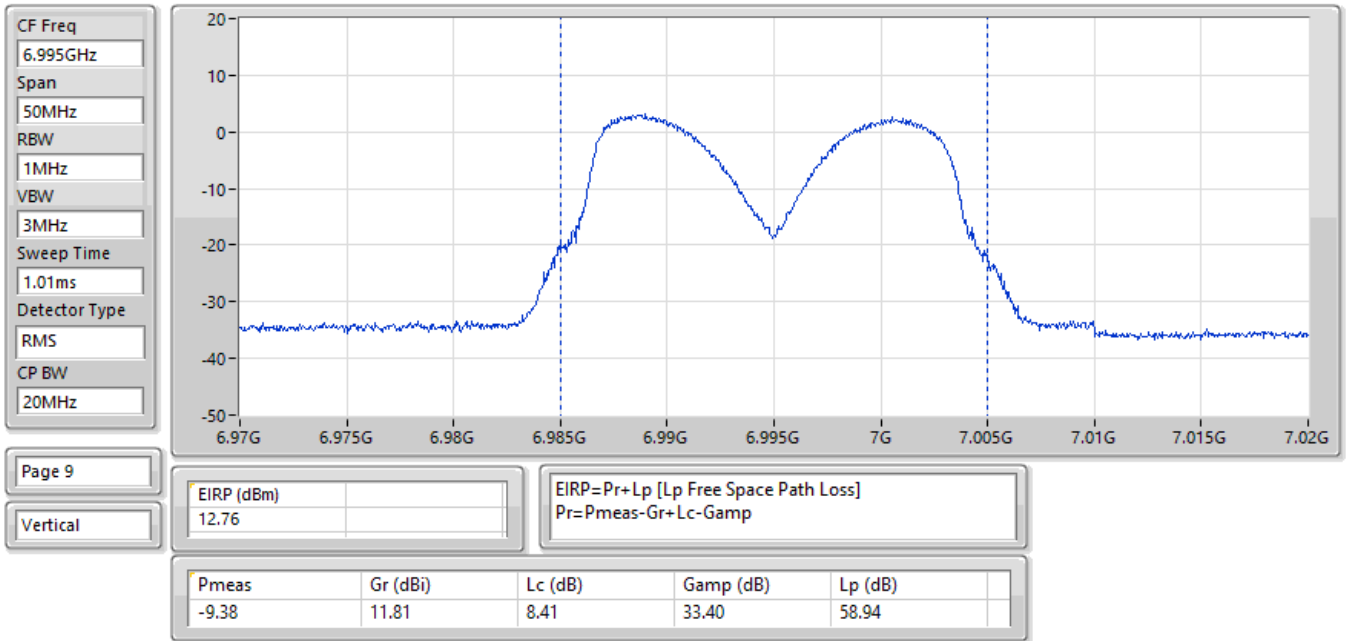
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EIRP;Band:6.7G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6875MHz;TX



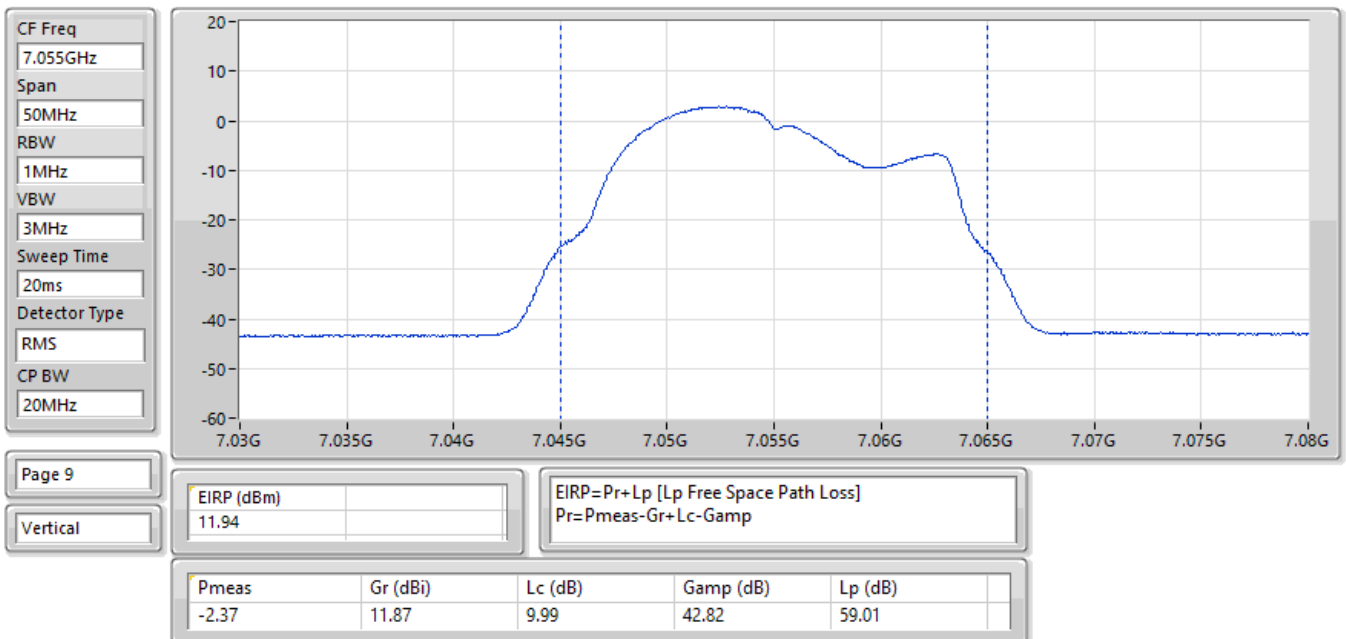
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EIRP;Band:7.0G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6995MHz;TX



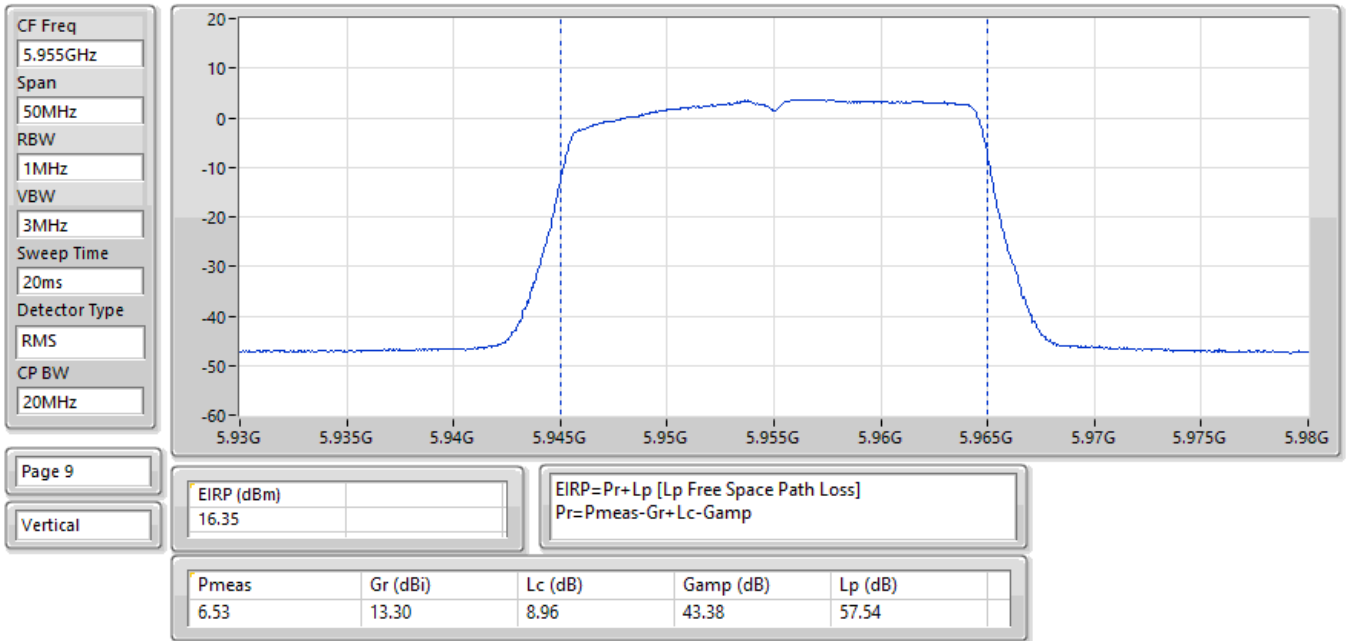
21/05/2026

EIRP;Band:7.0G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:7055MHz;TX



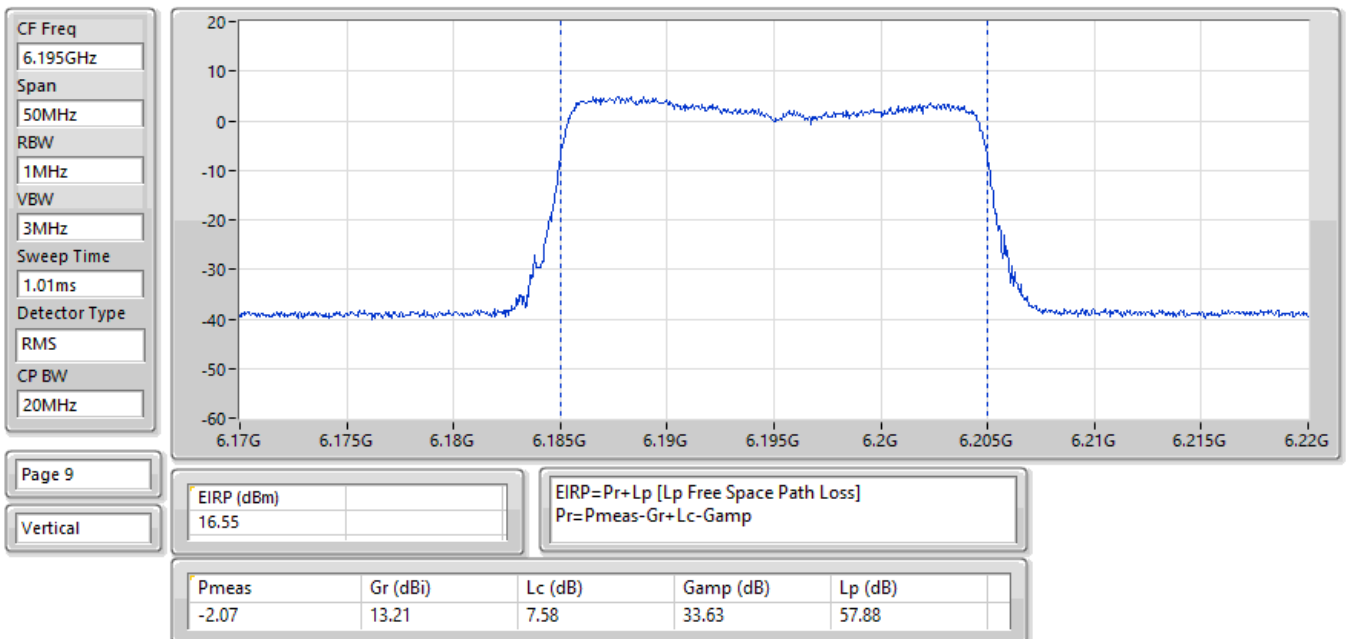
02/06/2026

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



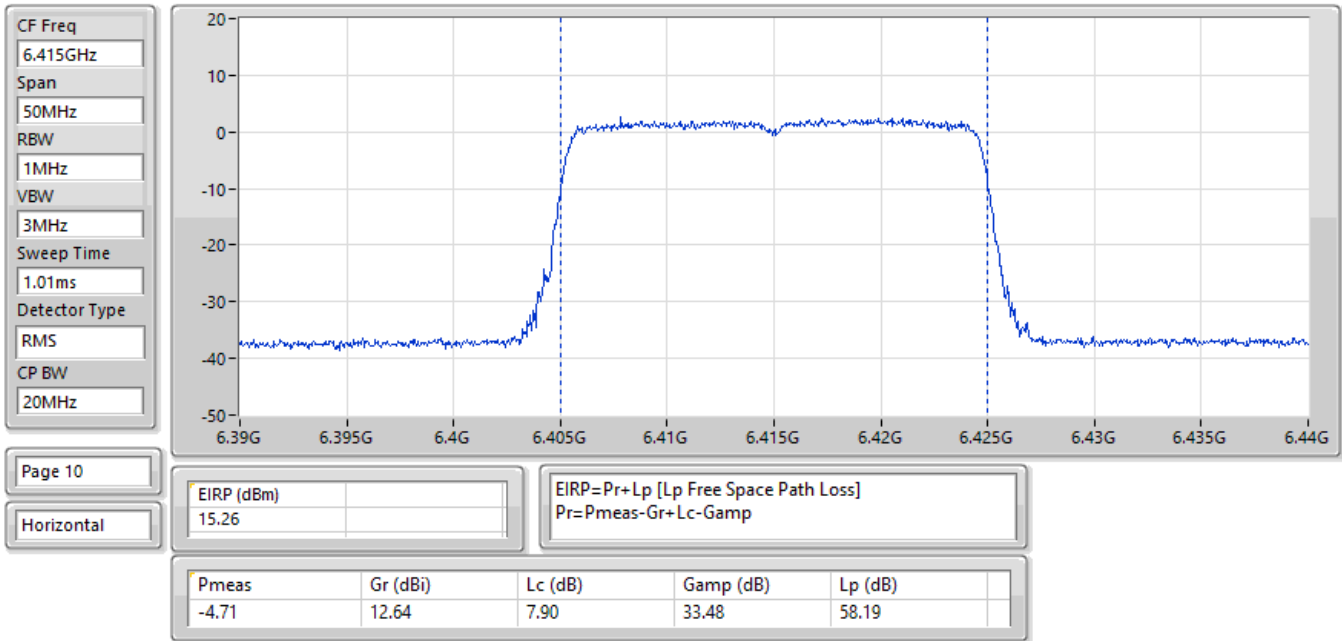
08/05/2026

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



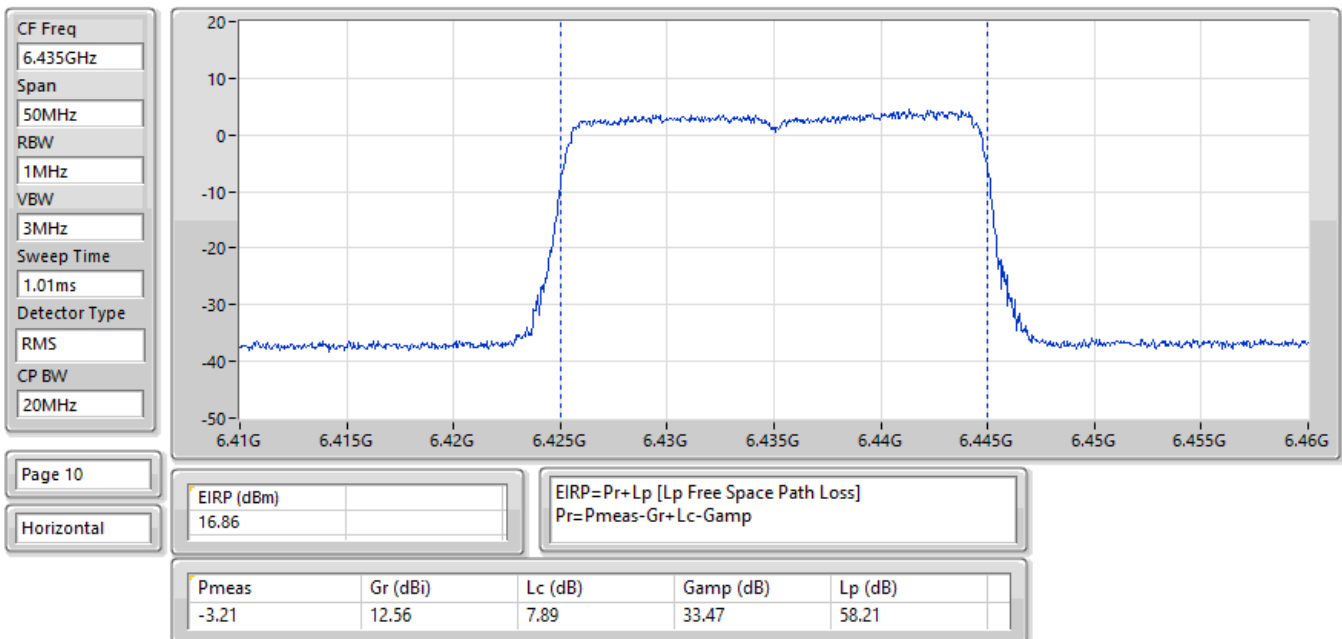
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EIRP:Band:6.2G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6415MHz;TX



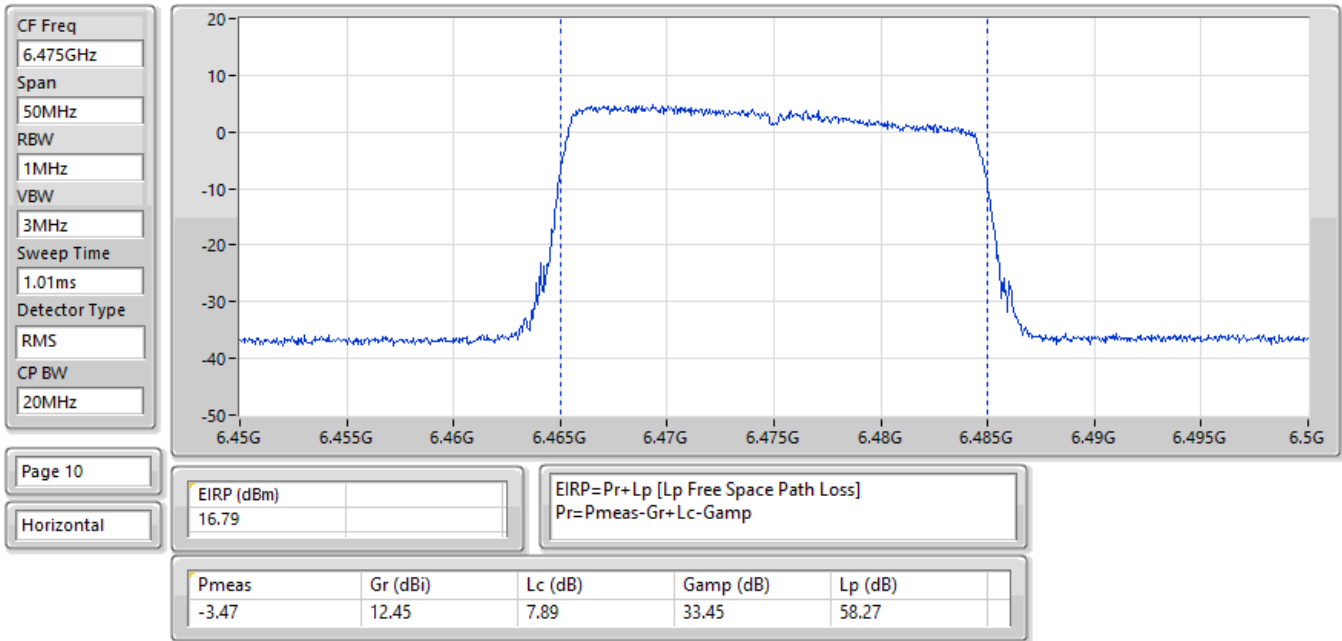
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EIRP:Band:6.4G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6435MHz;TX



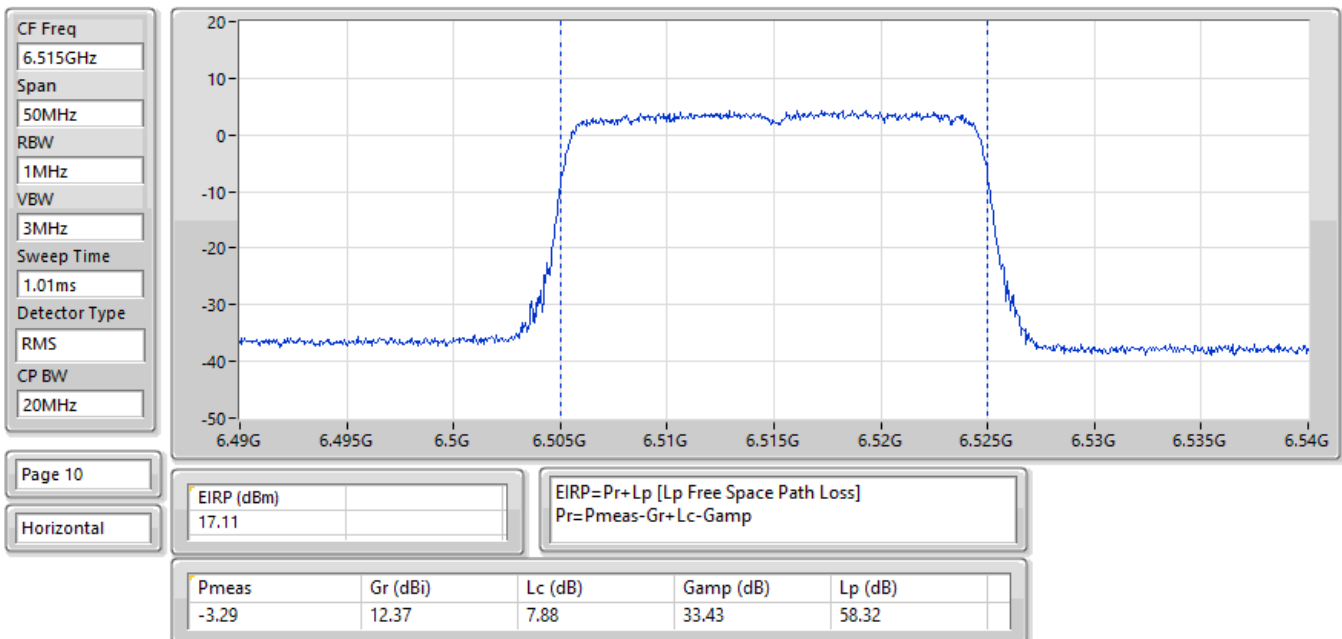
08/05/2026

EIRP:Band:6.4G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6475MHz;TX



08/05/2026

EIRP:Band:6.4G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6515MHz;TX



08/05/2026

EIRP:Band:6.7G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6535MHz;TX

CF Freq
6.535GHz

Span
50MHz

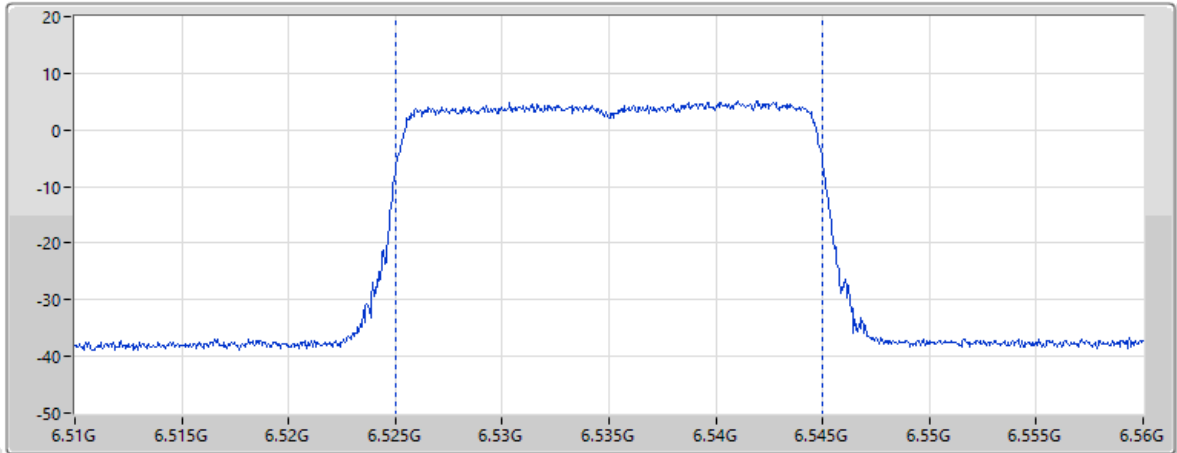
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
20MHz



Page 10

Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
17.79		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.67	12.33	7.87	33.43	58.35

08/05/2026

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

CF Freq
6.695GHz

Span
50MHz

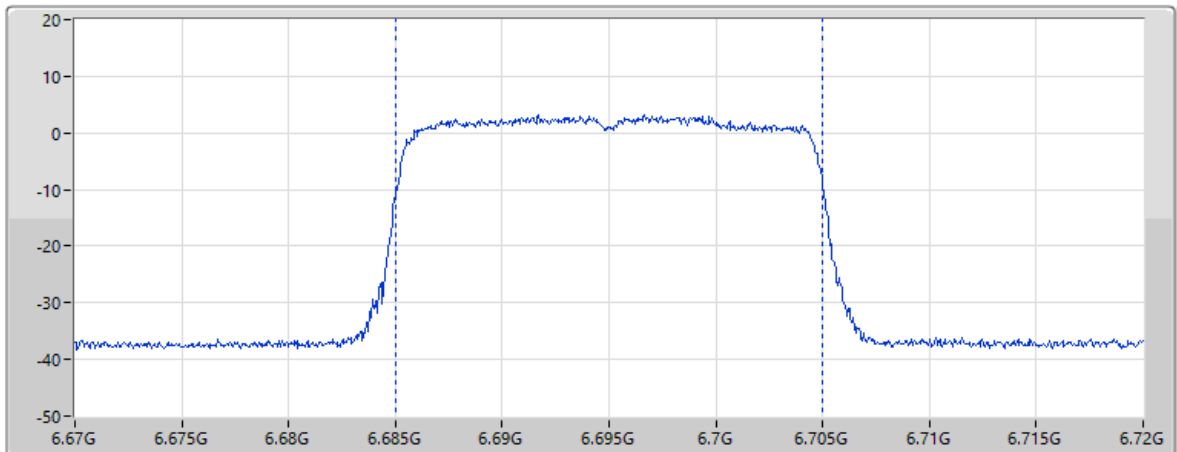
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
20MHz



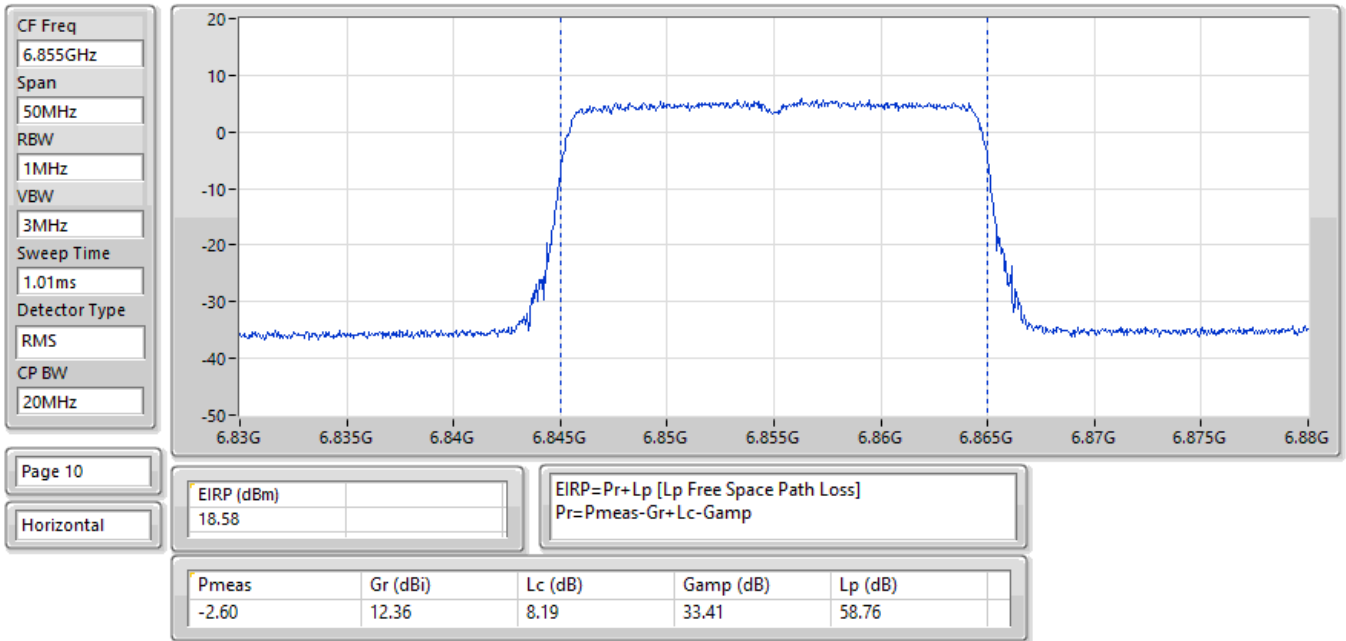
Page 10

Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
15.68		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-5.03	12.40	7.97	33.42	58.56

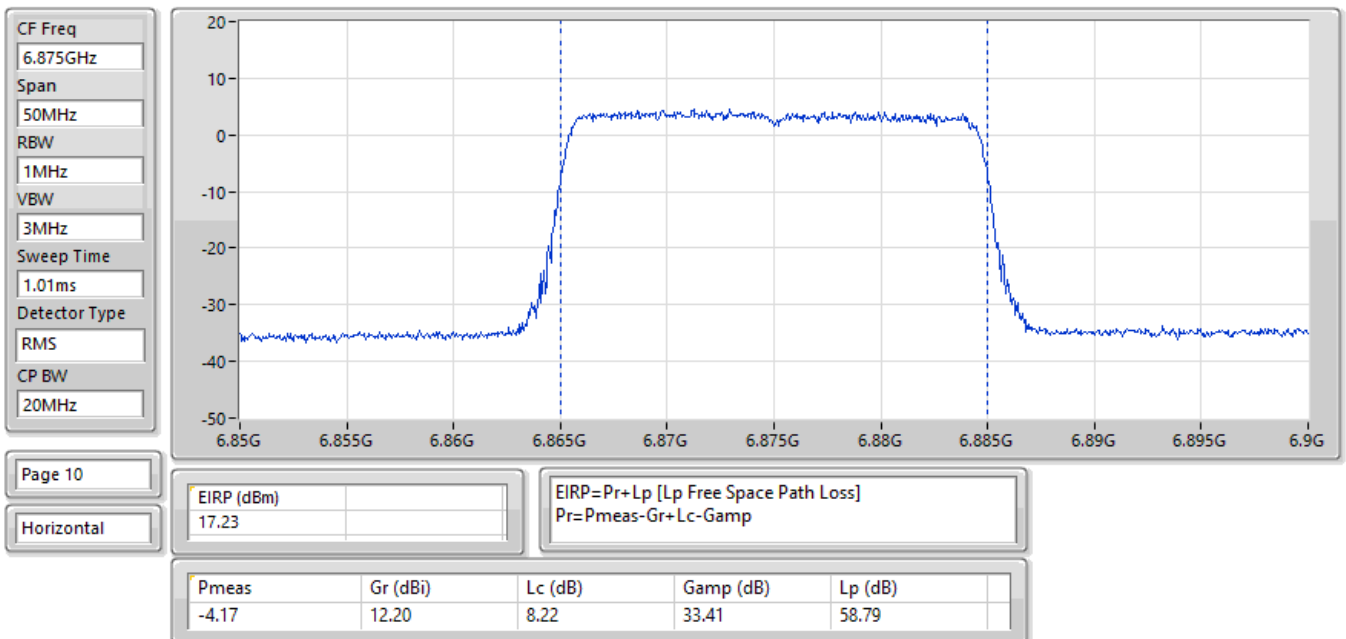
08/05/2026

EIRP:Band:6.7G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6855MHz;TX



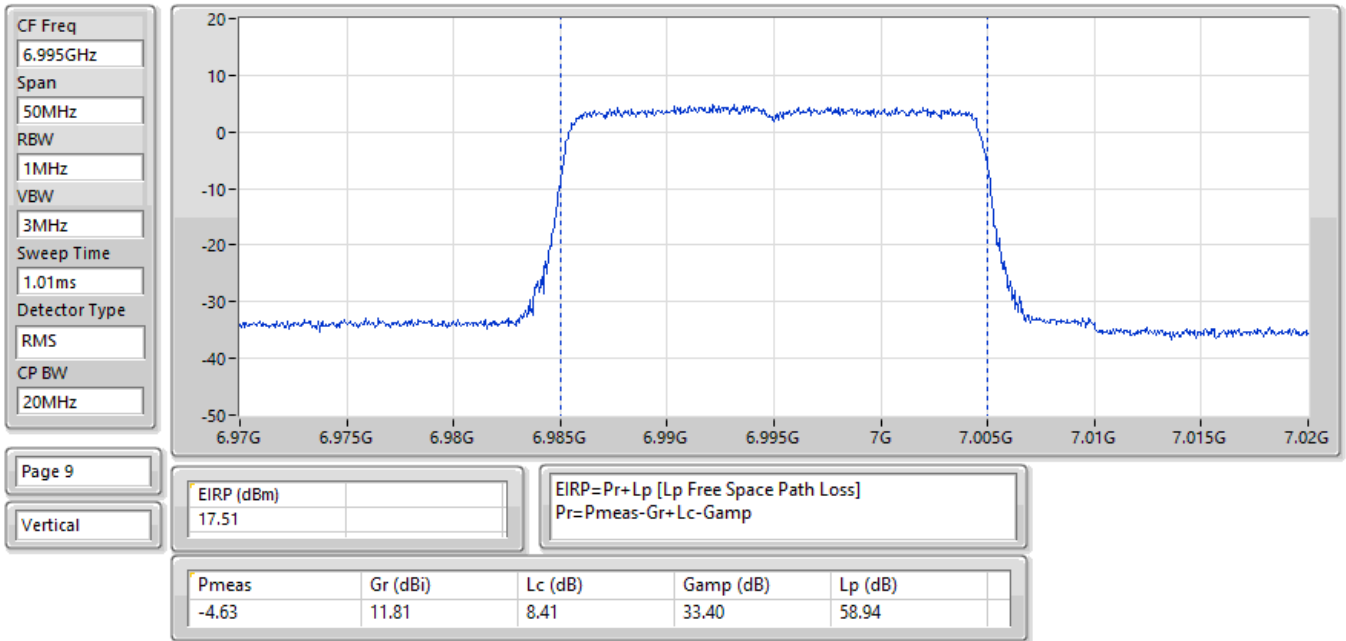
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EIRP:Band:6.7G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6875MHz;TX



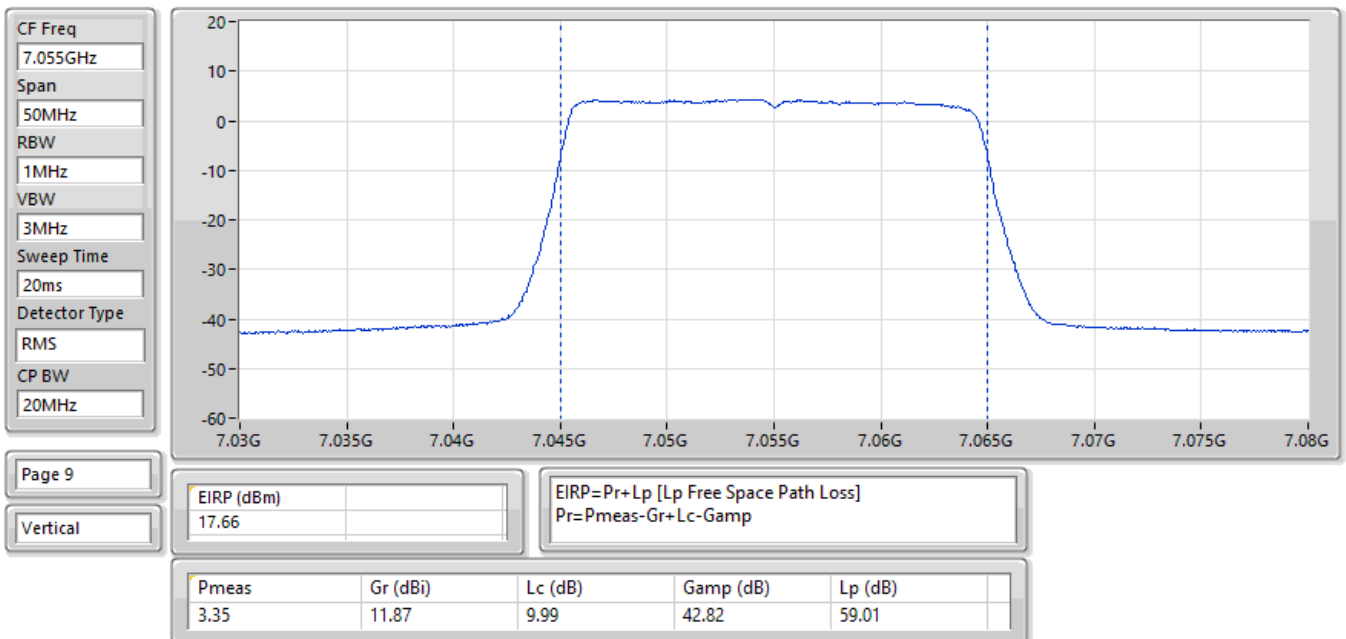
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EIRP:Band:7.0G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6995MHz;TX



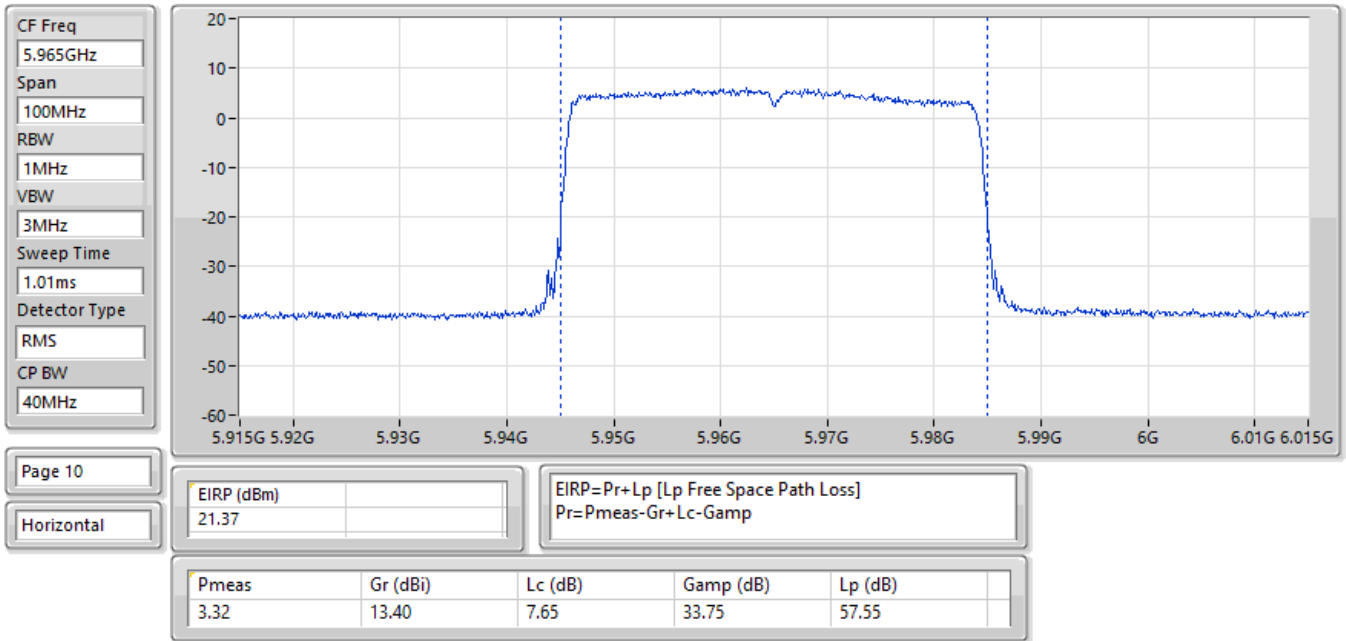
22/05/2026

EIRP:Band:7.0G;bn20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:7055MHz;TX



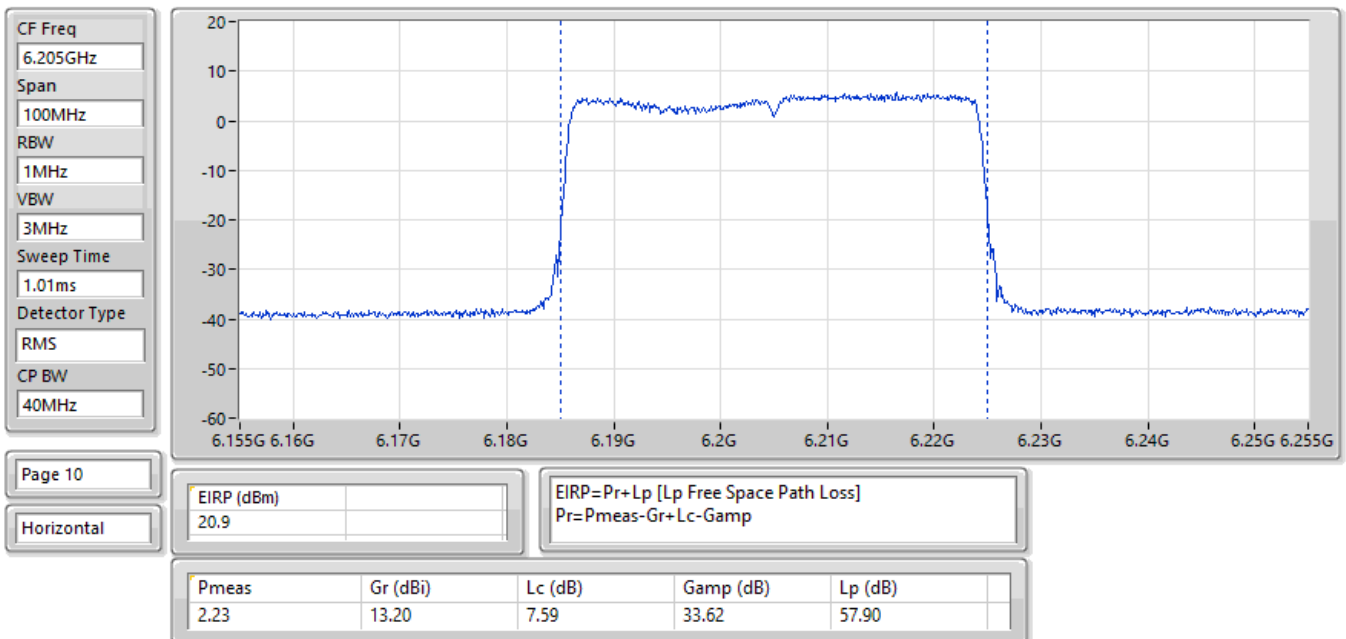
09/05/2026

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



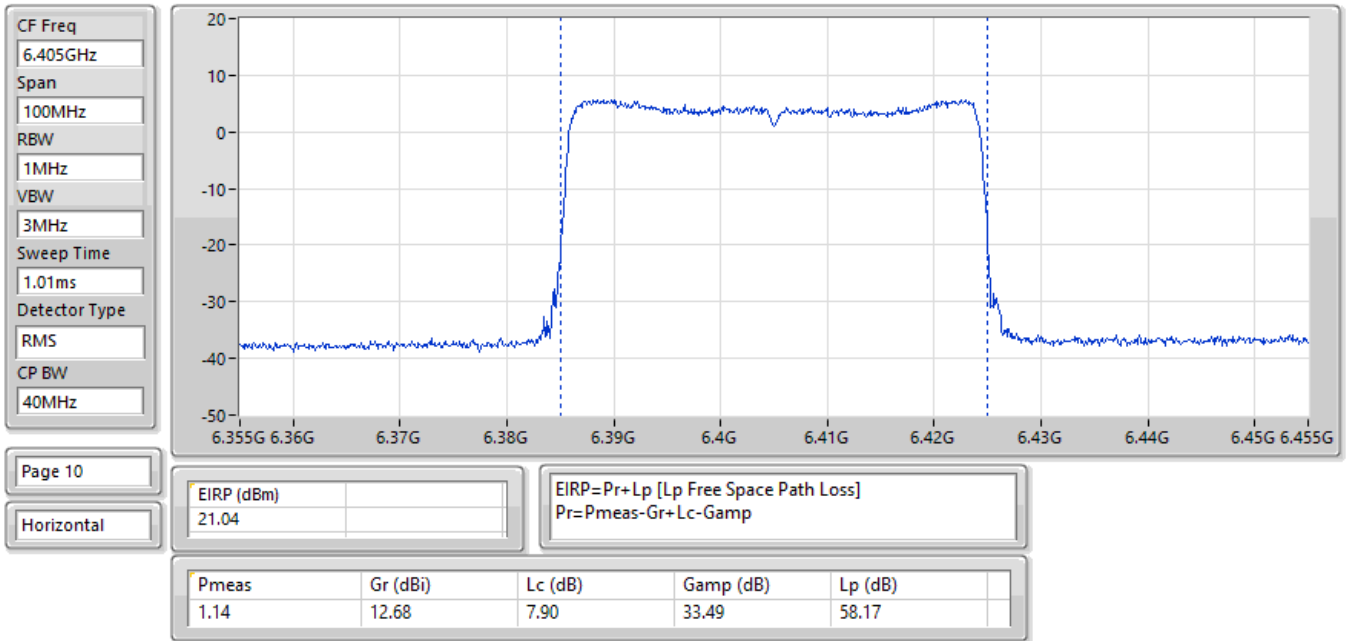
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EIRP:Band:6.2G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6205MHz;TX



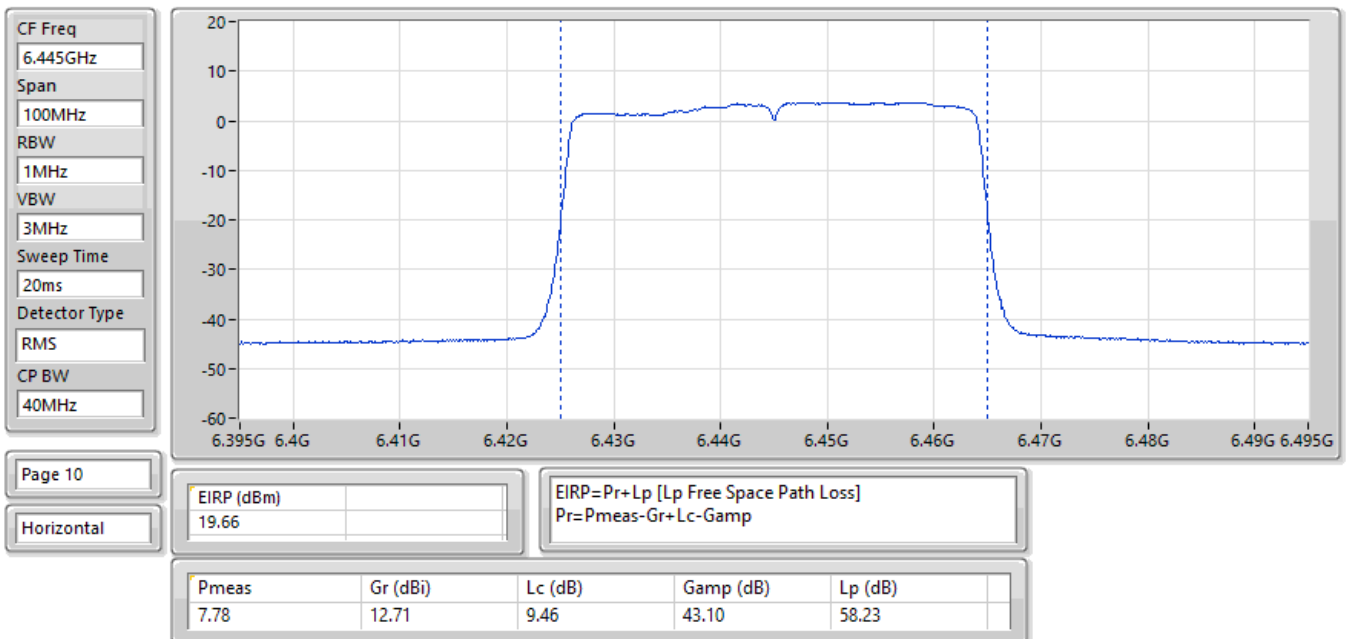
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EIRP:Band:6.2G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6405MHz;TX



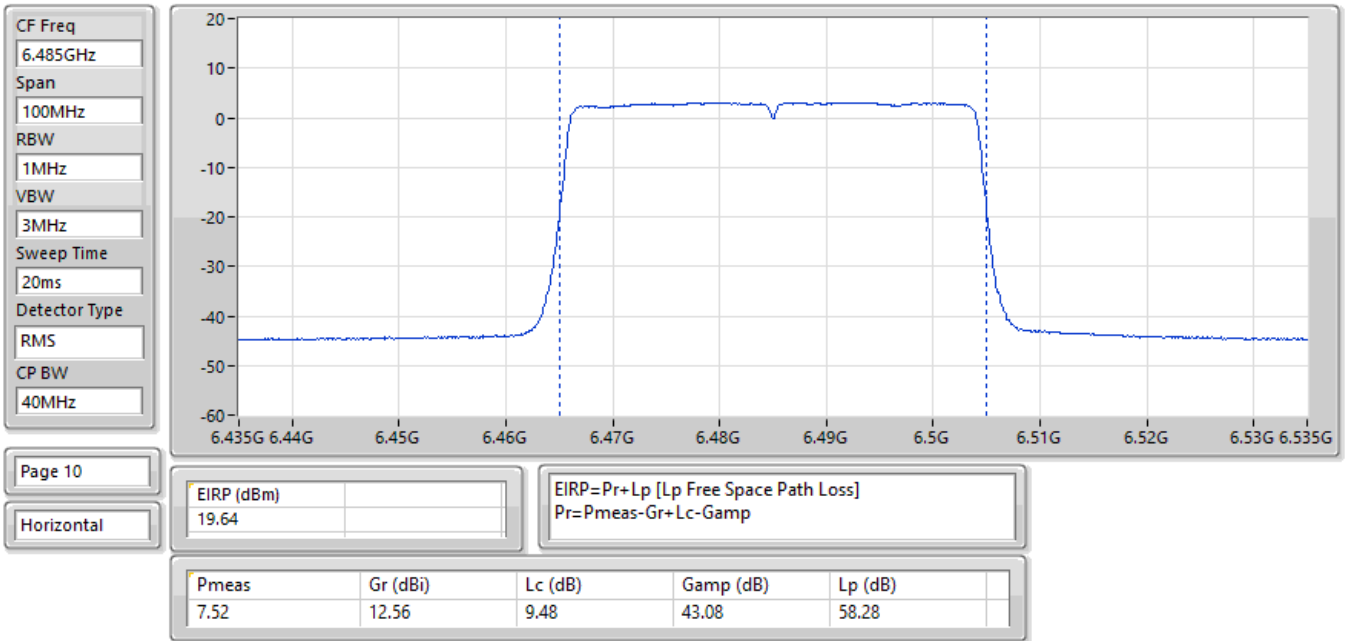
29/05/2026

EIRP:Band:6.4G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6445MHz;TX



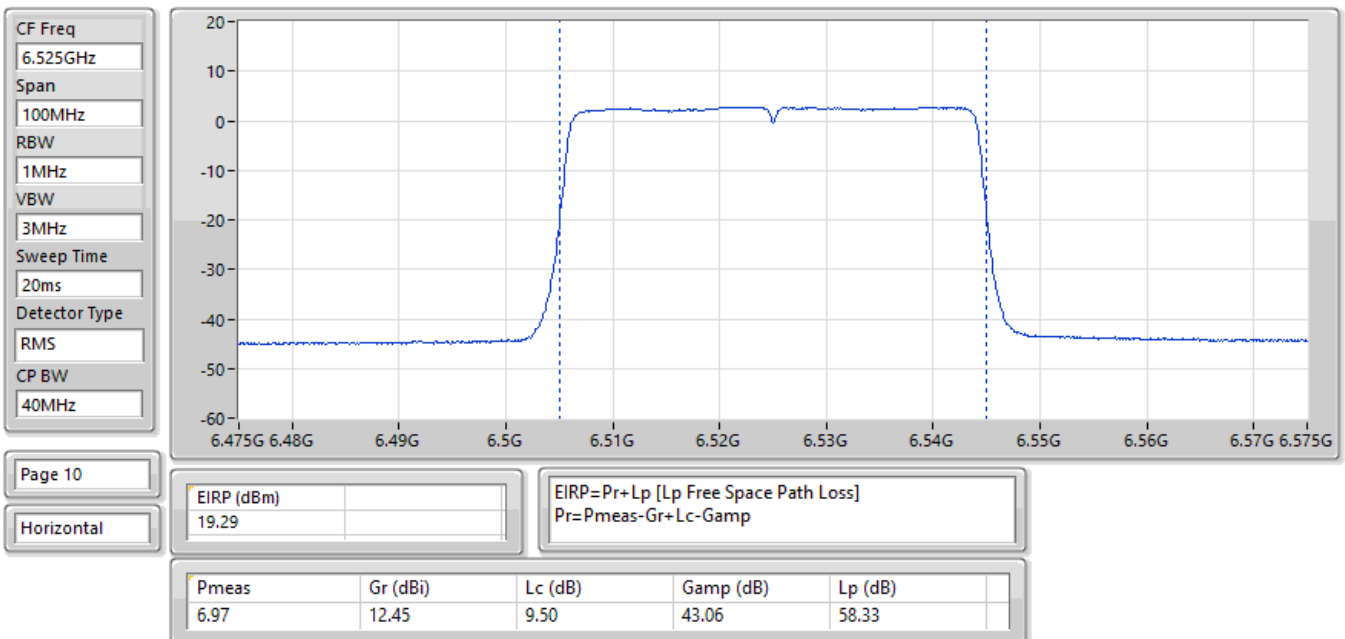
29/05/2026

EIRP:Band:6.4G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6485MHz;TX



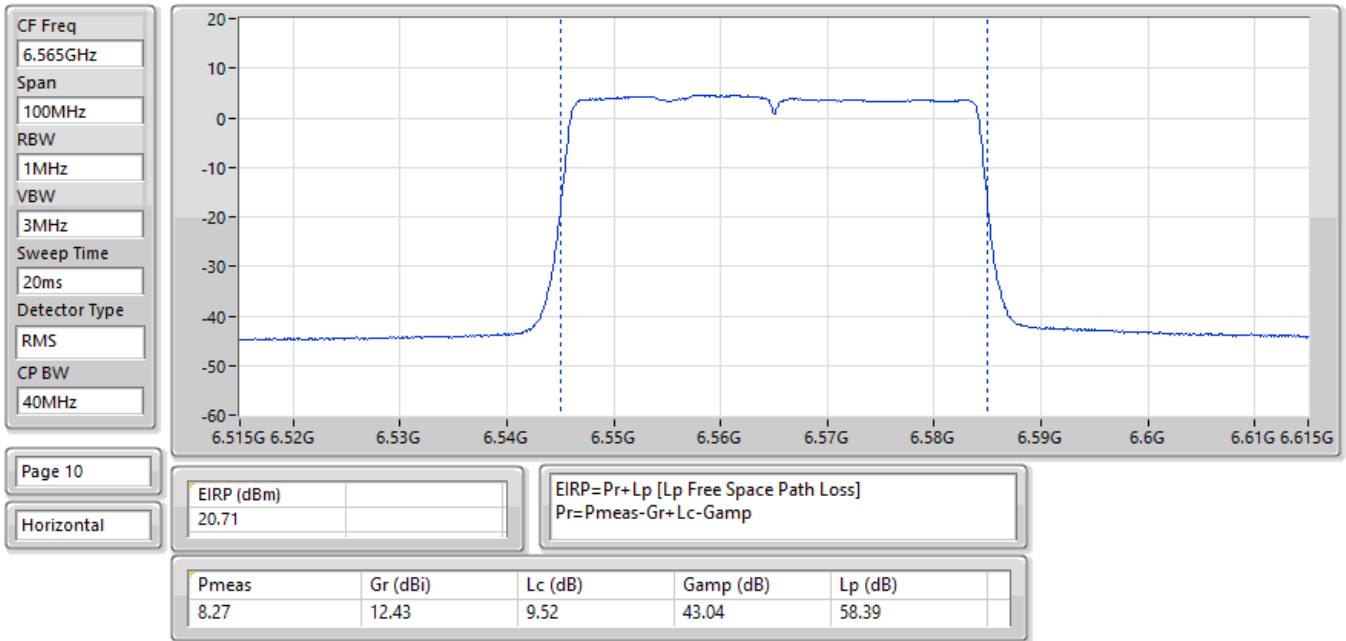
29/05/2026

EIRP:Band:6.4G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6525MHz;TX



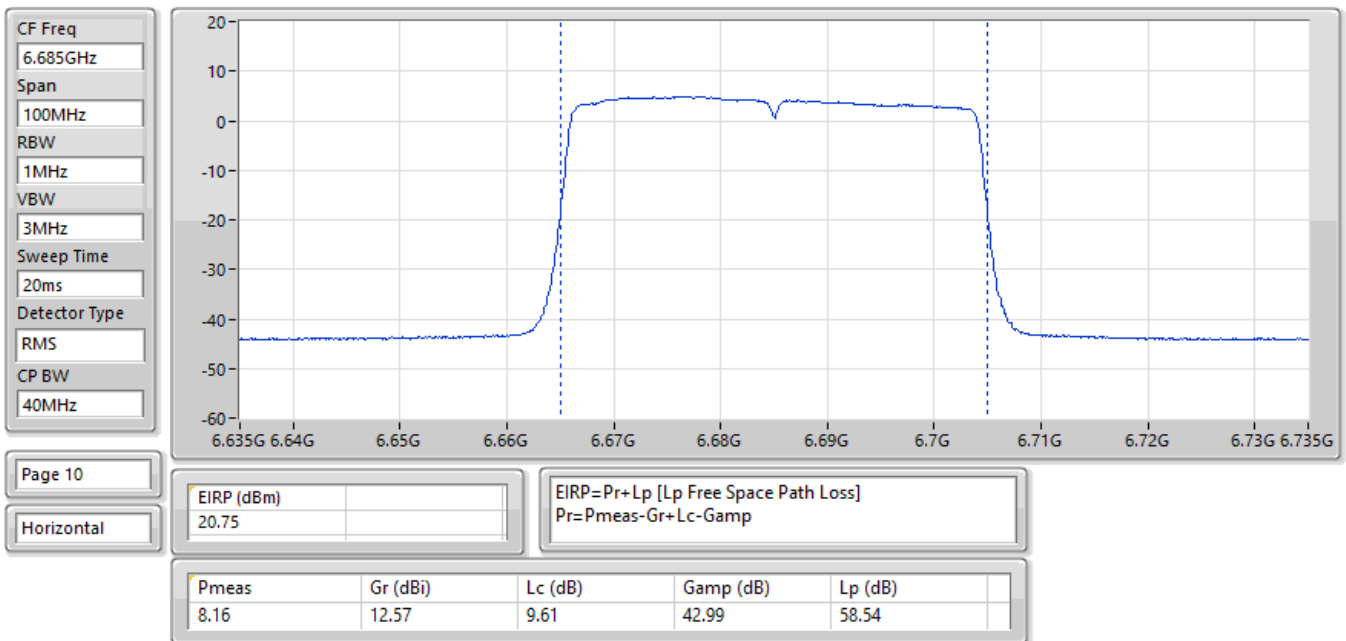
29/05/2026

EIRP:Band:6.7G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6565MHz;TX



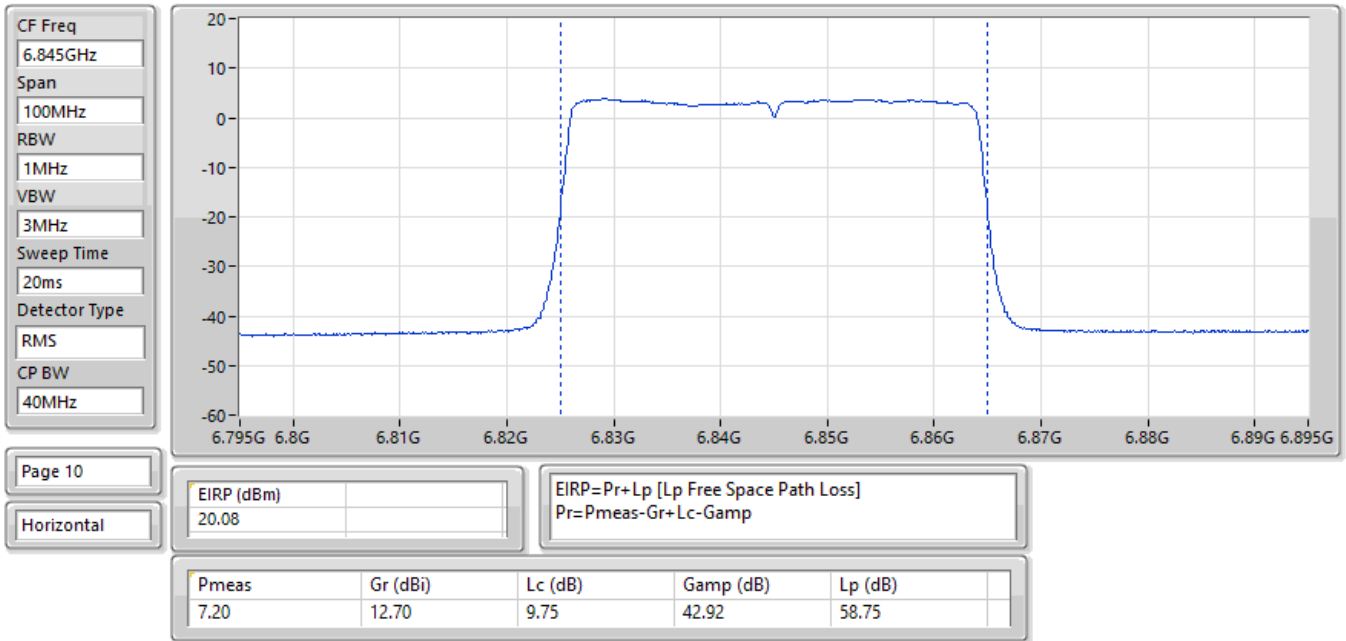
29/05/2026

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



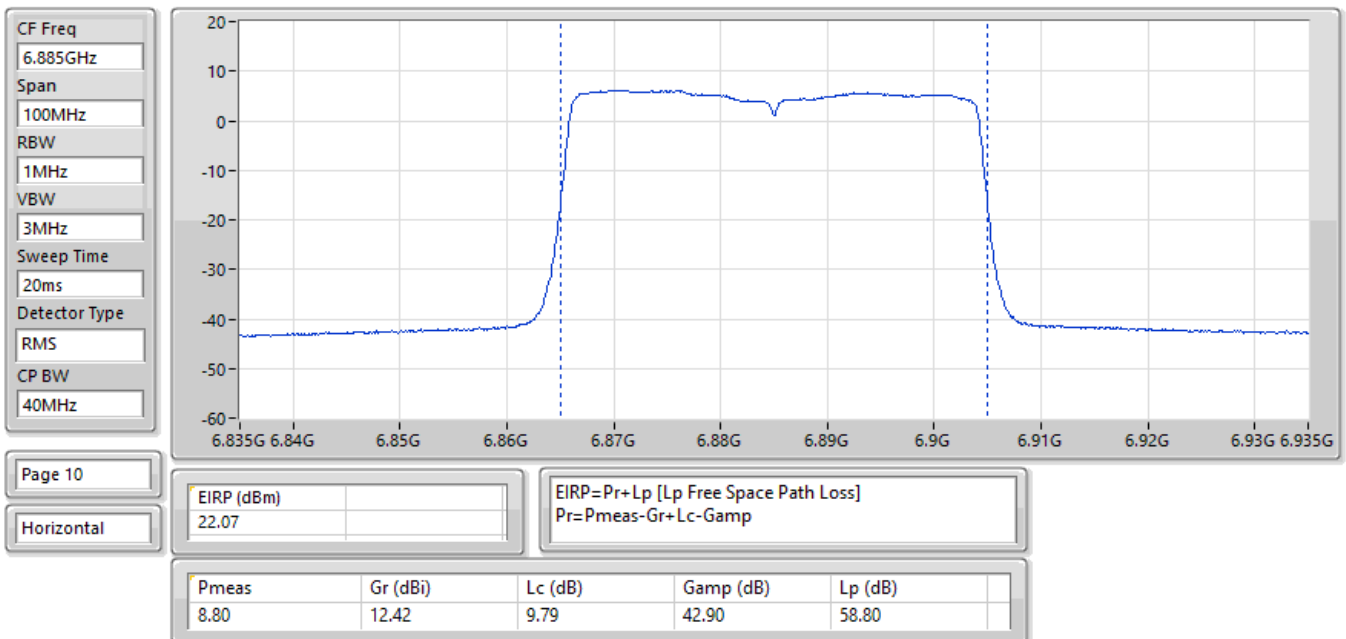
02/06/2026

EIRP:Band:6.7G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6845MHz;TX



29/05/2026

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



12/05/2026

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

CF Freq
7.005GHz

Span
100MHz

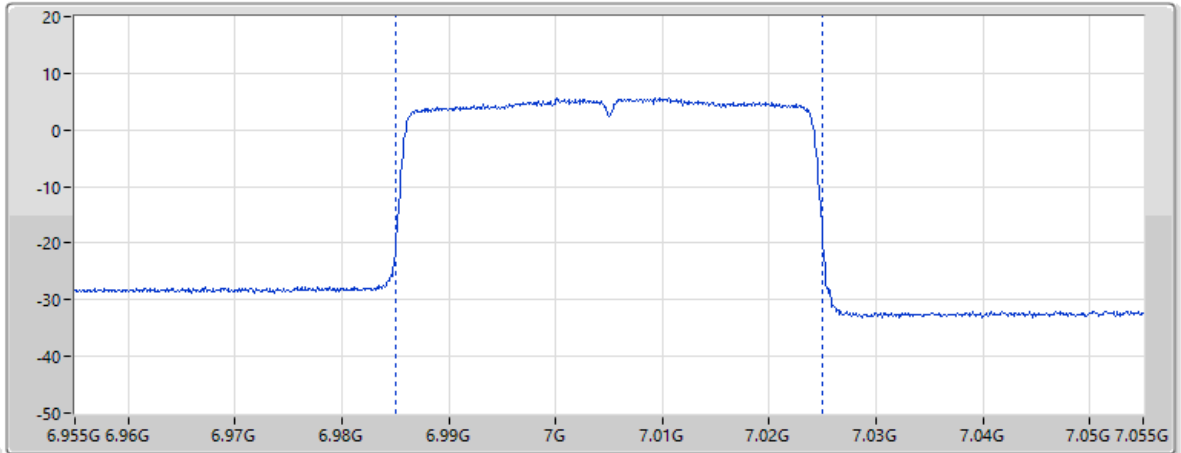
RBW
1MHz

VBW
3MHz

Sweep Time
4ms

Detector Type
RMS

CP BW
40MHz



Page 10

Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
21.45		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-4.63	11.09	10.97	32.75	58.95

12/05/2026

EIRP:Band:7.0G;bn40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:7045MHz;TX

CF Freq
7.045GHz

Span
100MHz

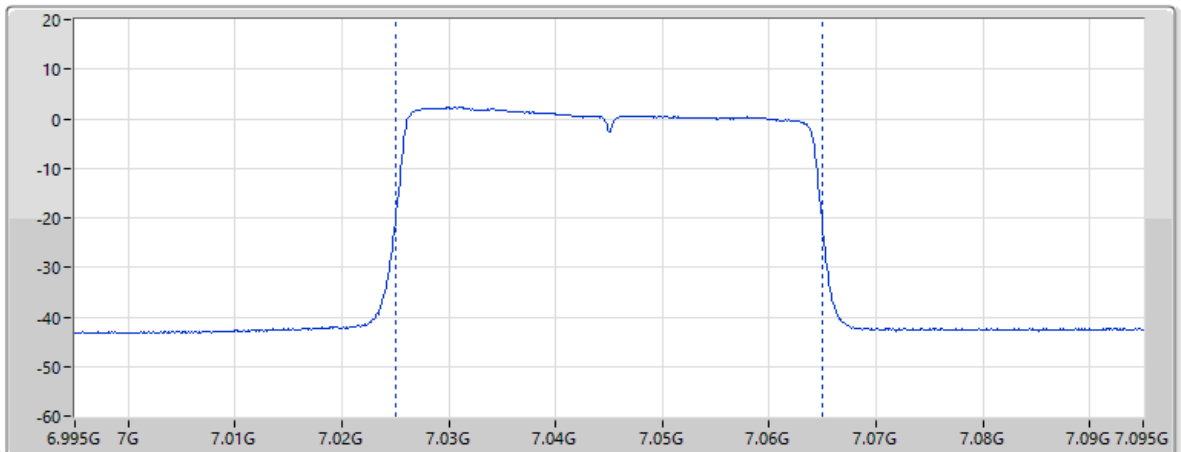
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
40MHz



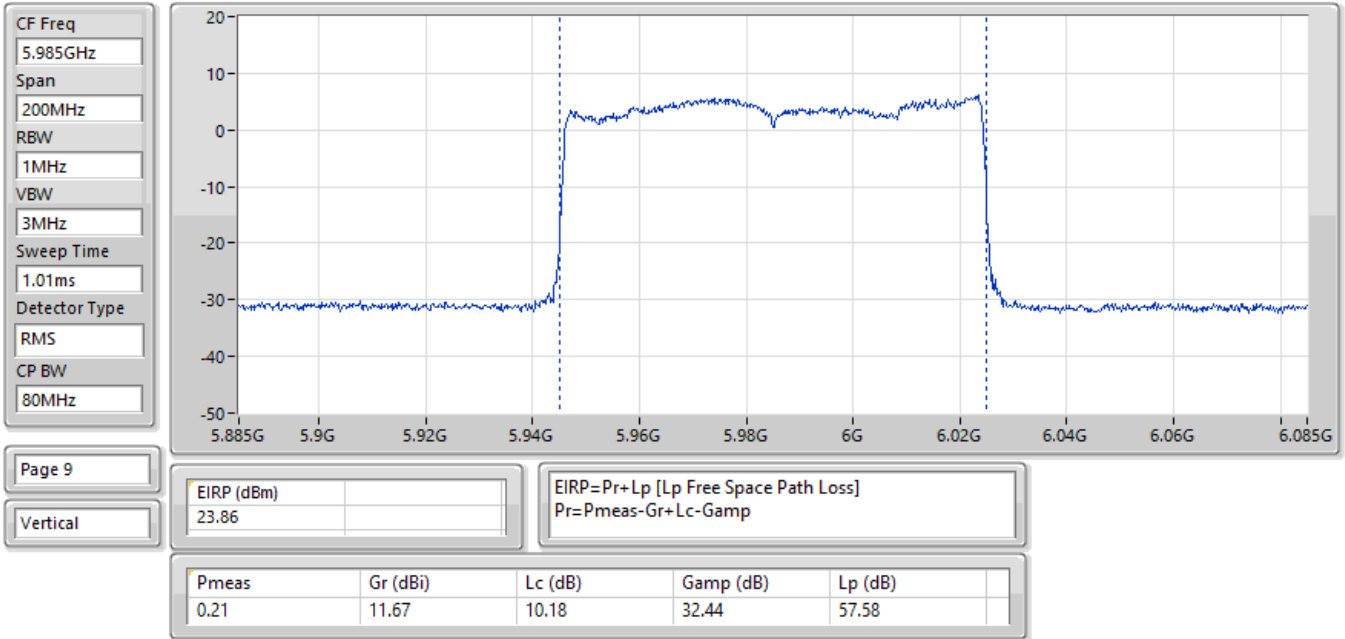
Page 10

Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
17.77		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
3.54	11.92	9.97	42.82	59.00

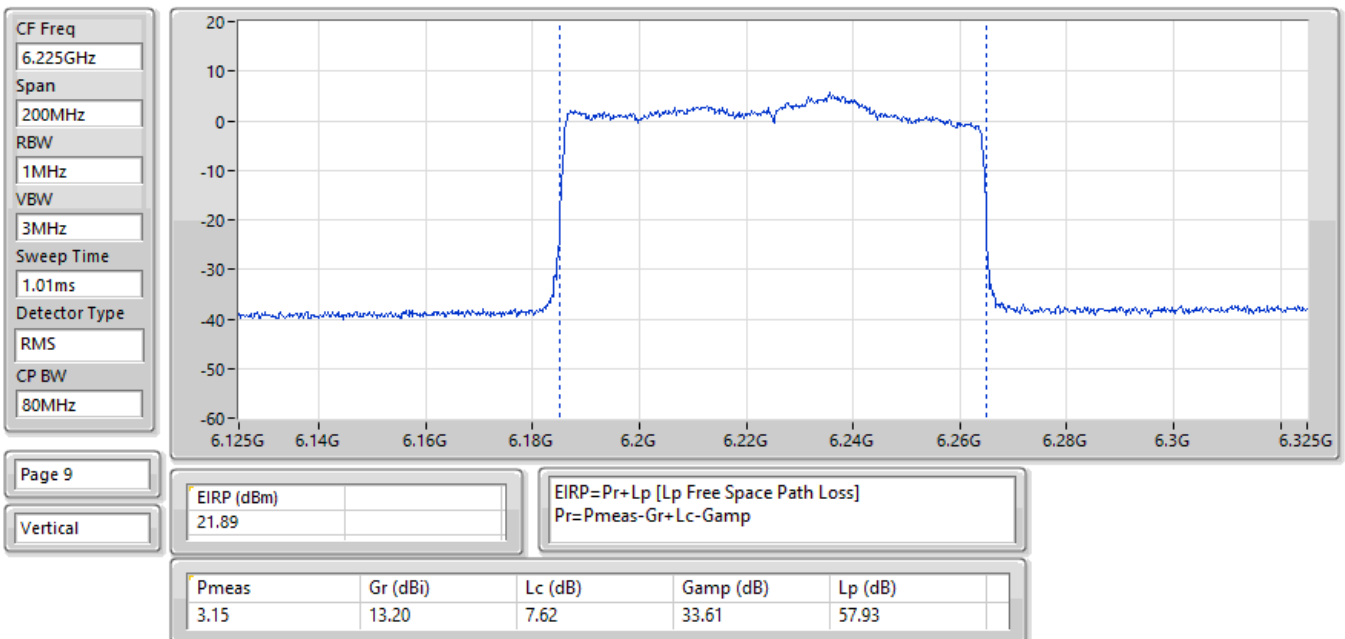
12/05/2026

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



12/05/2026

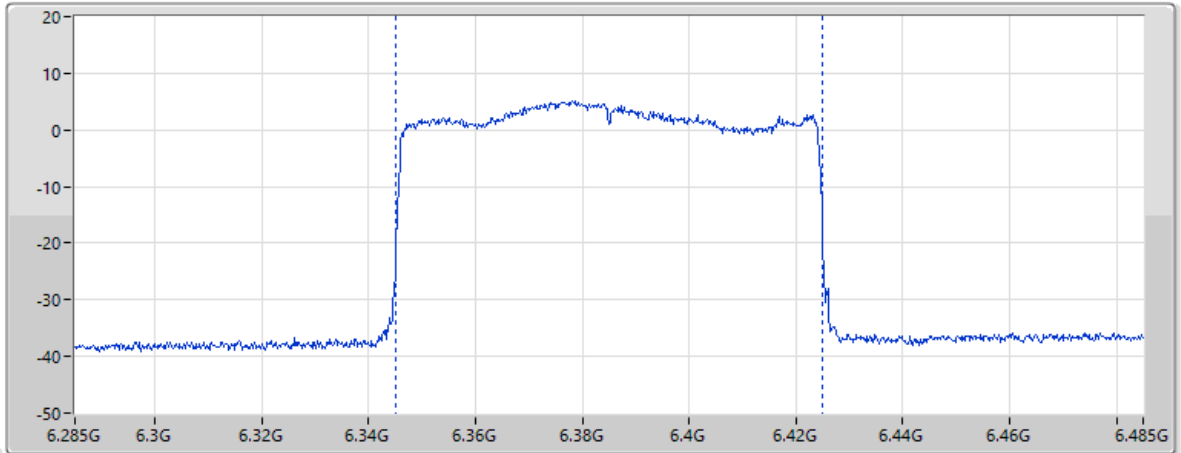
EIRP:Band:6.2G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6225MHz;TX



12/05/2026

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

CF Freq
6.385GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
80MHz



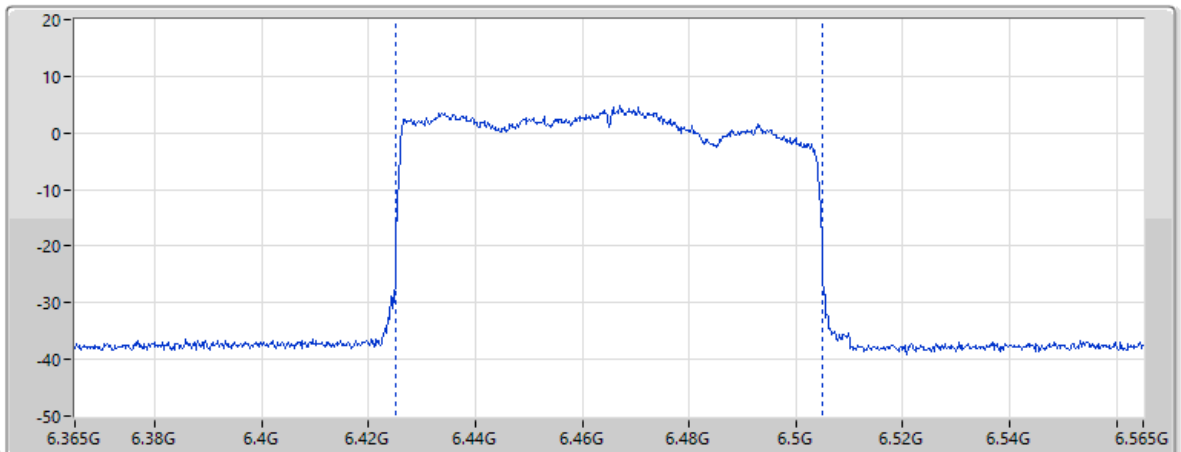
Page 9
Vertical

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
22.36				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
2.62	12.79	7.88	33.50	58.15

12/05/2026

EIRP:Band:6.4G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6465MHz;TX

CF Freq
6.465GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
80MHz

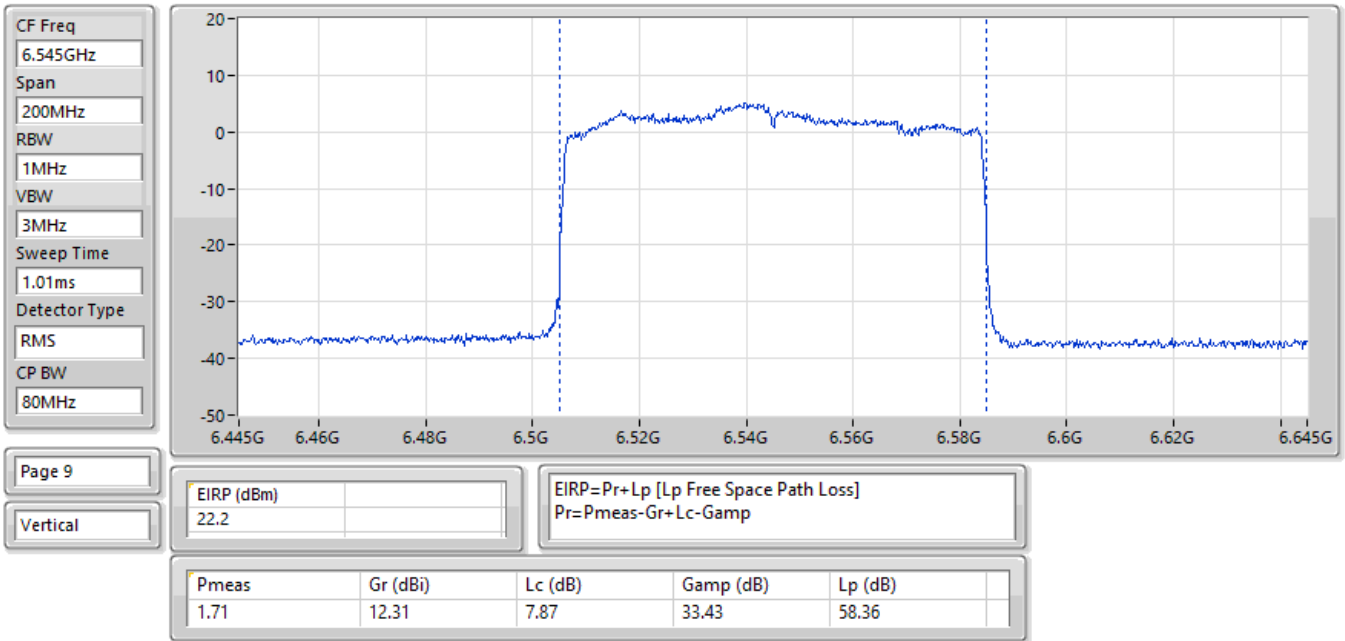


Page 9
Vertical

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
21.7				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
1.48	12.47	7.89	33.45	58.25

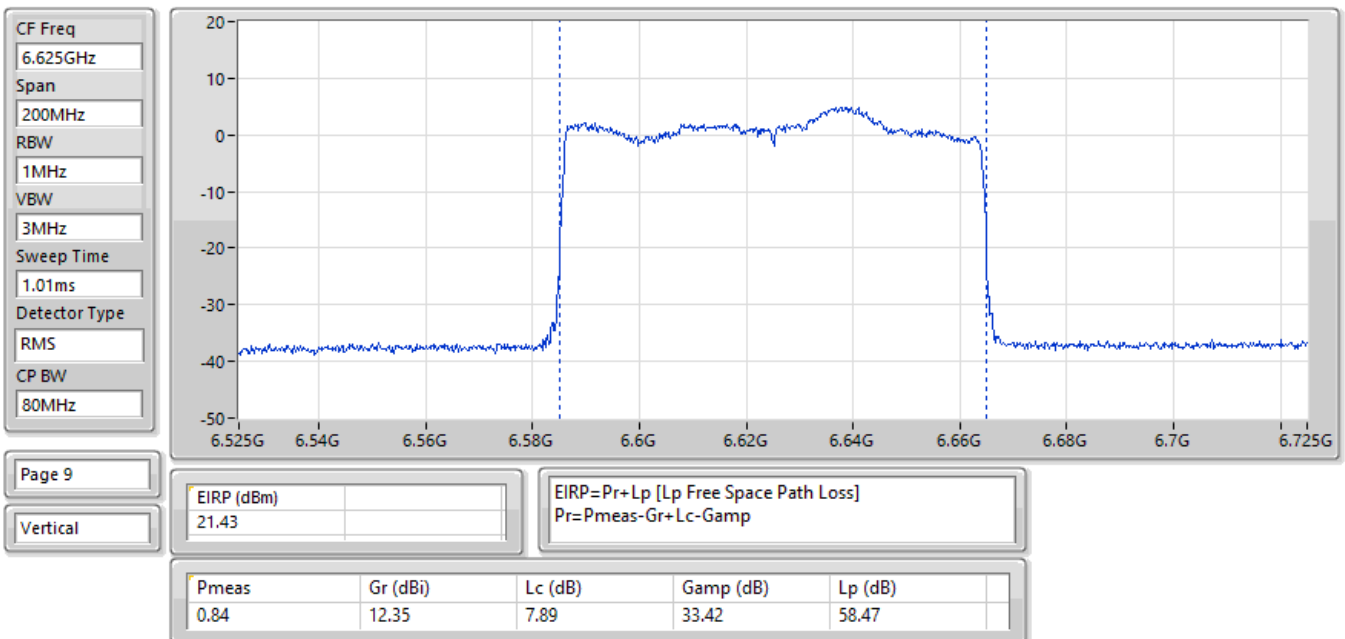
12/05/2026

EIRP:Band:6.4G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6545MHz;TX



12/05/2026

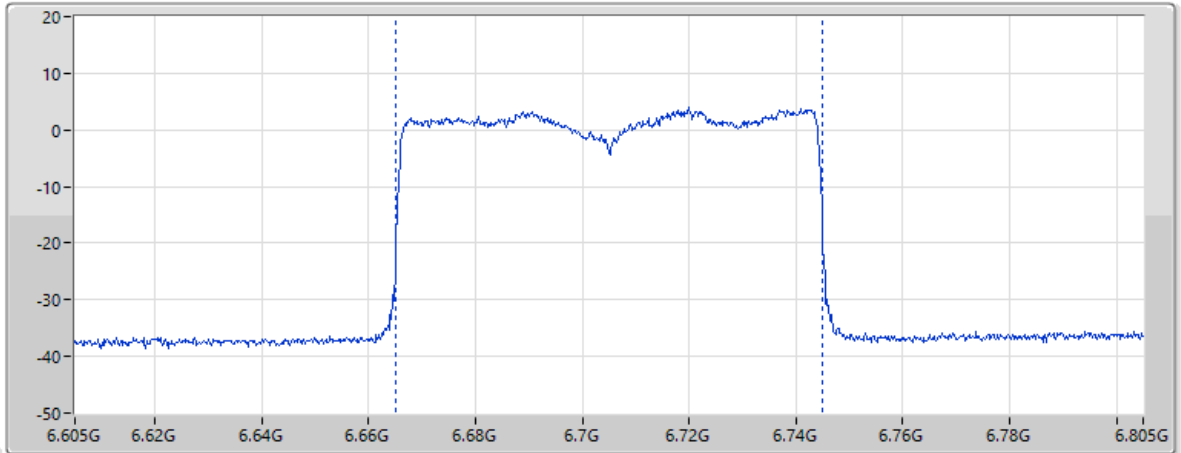
EIRP:Band:6.7G;bn80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6625MHz;TX



12/05/2026

EIRP:Band:6.7G;bn80,BF;BWch:80MHz;Nss:1,(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



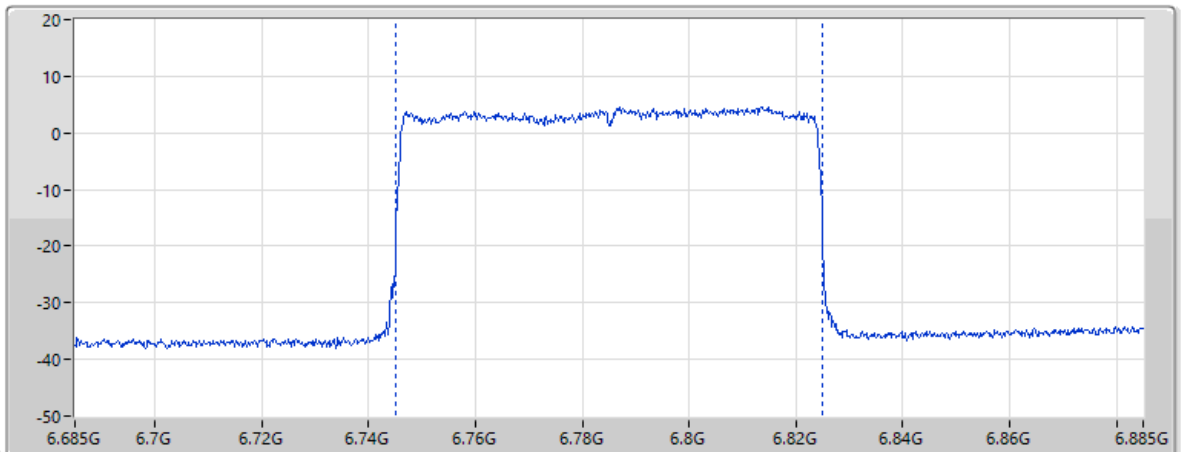
Page 9
Vertical

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
21.62				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
0.89	12.41	7.99	33.42	58.57

12/05/2026

EIRP:Band:6.7G;bn80,BF;BWch:80MHz;Nss:1,(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



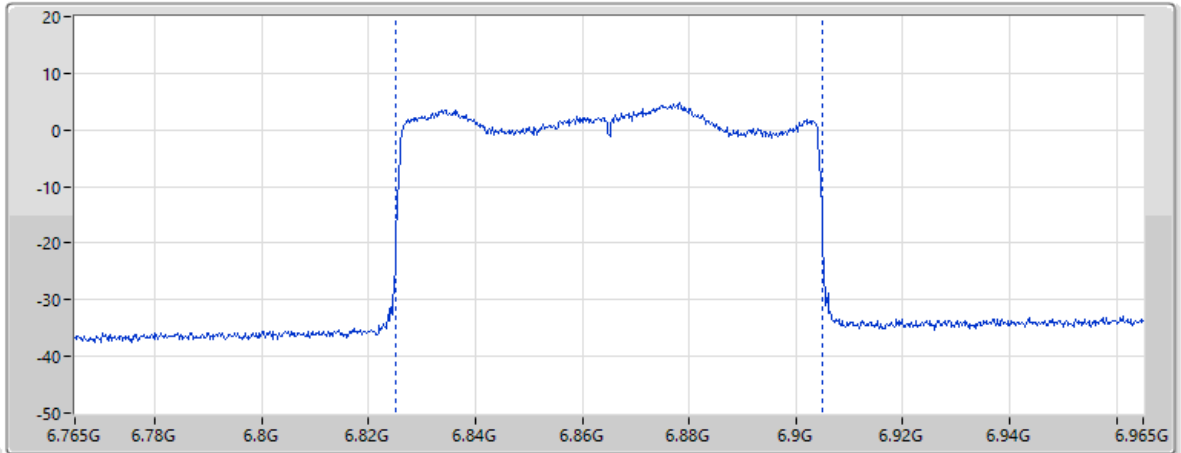
Page 9
Vertical

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
23.22				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
2.38	12.50	8.08	33.41	58.67

13/05/2026

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

CF Freq
6.865GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
80MHz



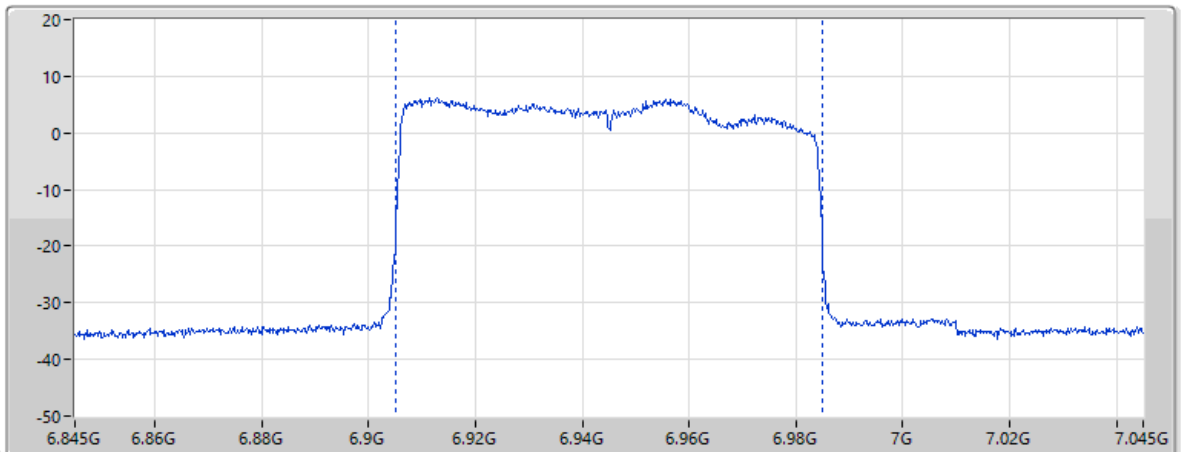
Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
21.67				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
0.38	12.28	8.20	33.41	58.78

13/05/2026

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

CF Freq
6.945GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
80MHz

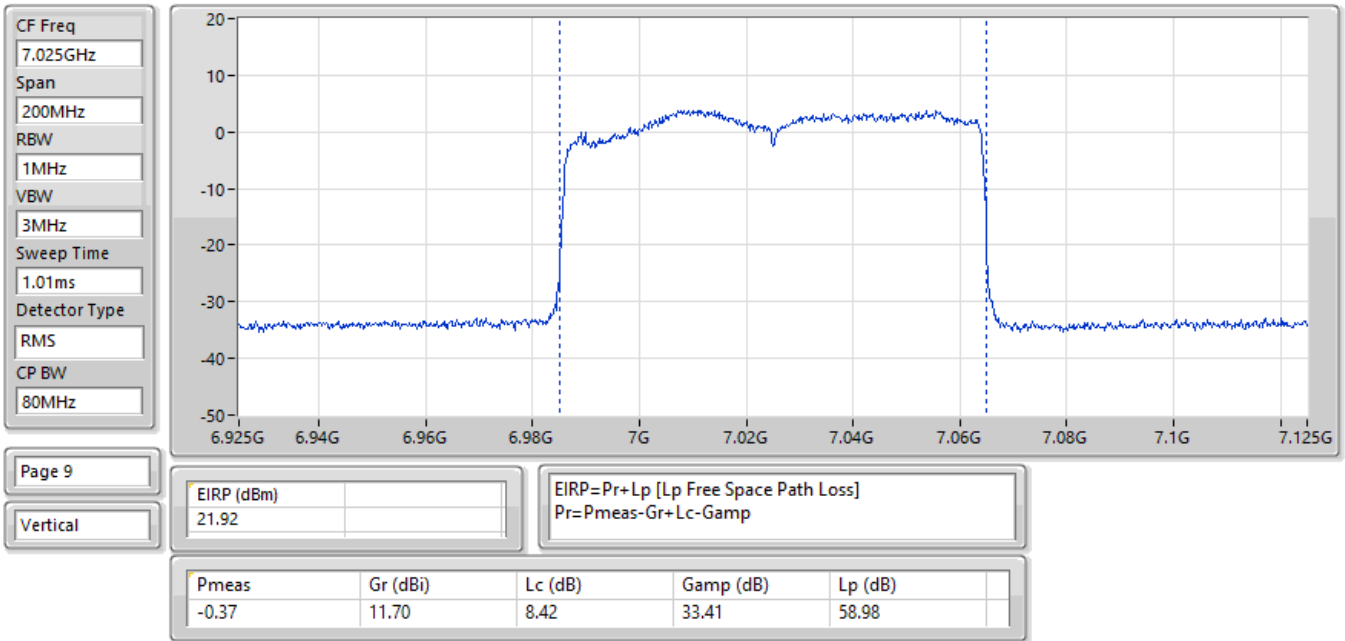


Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
23.86				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
1.96	11.91	8.33	33.40	58.88

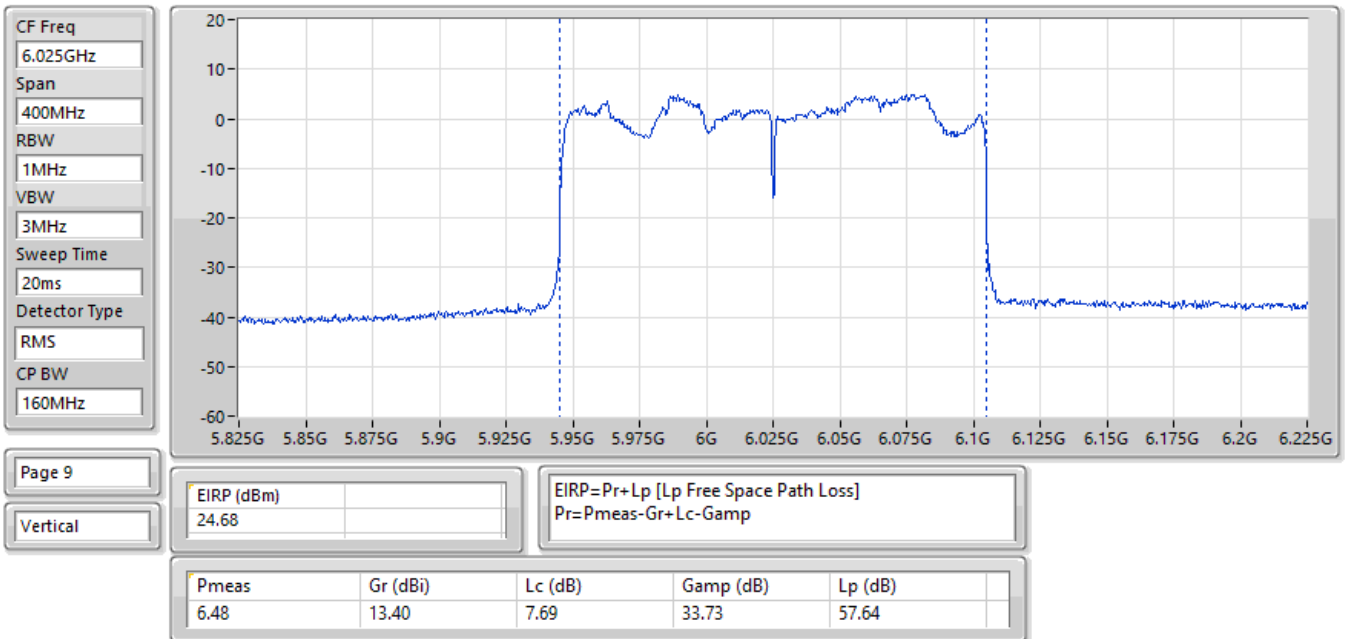
13/05/2026

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



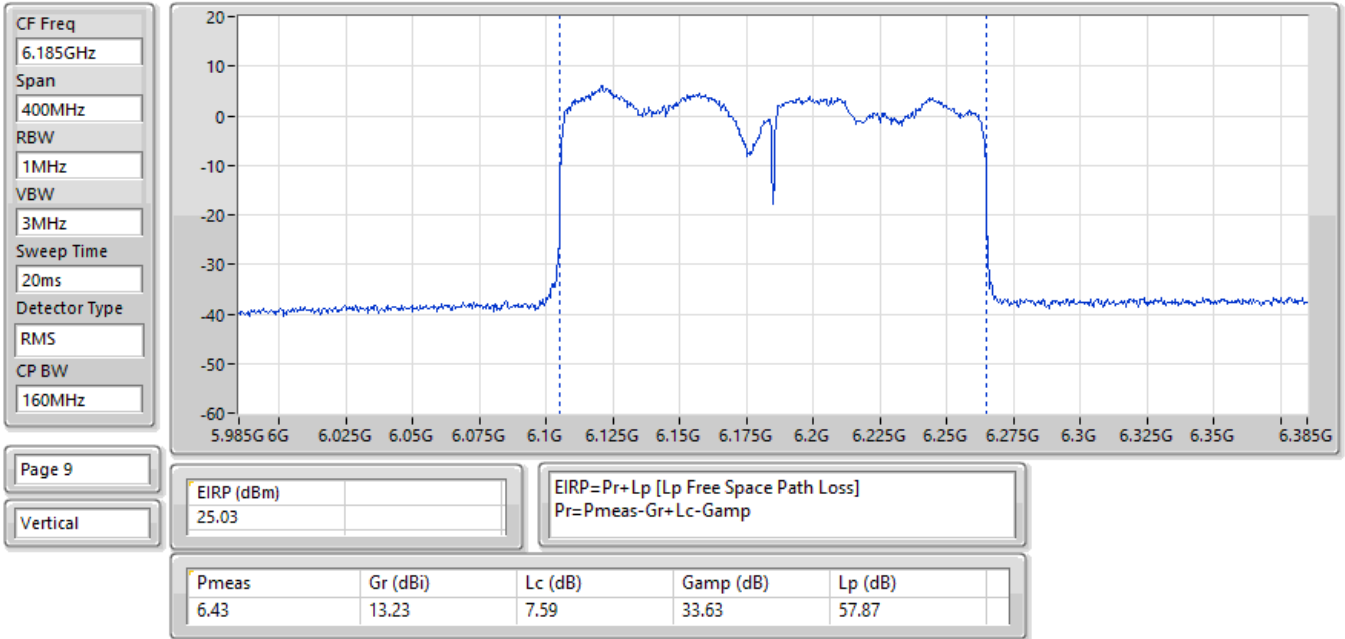
17/04/2026

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



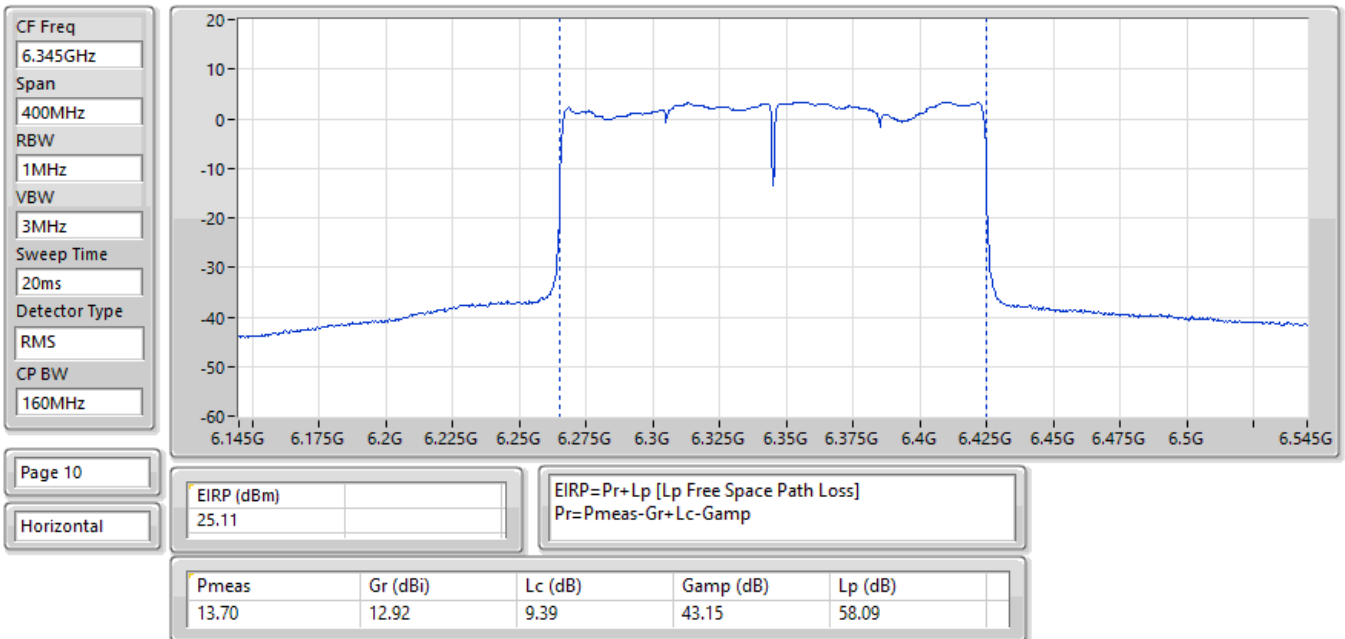
17/04/2026

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



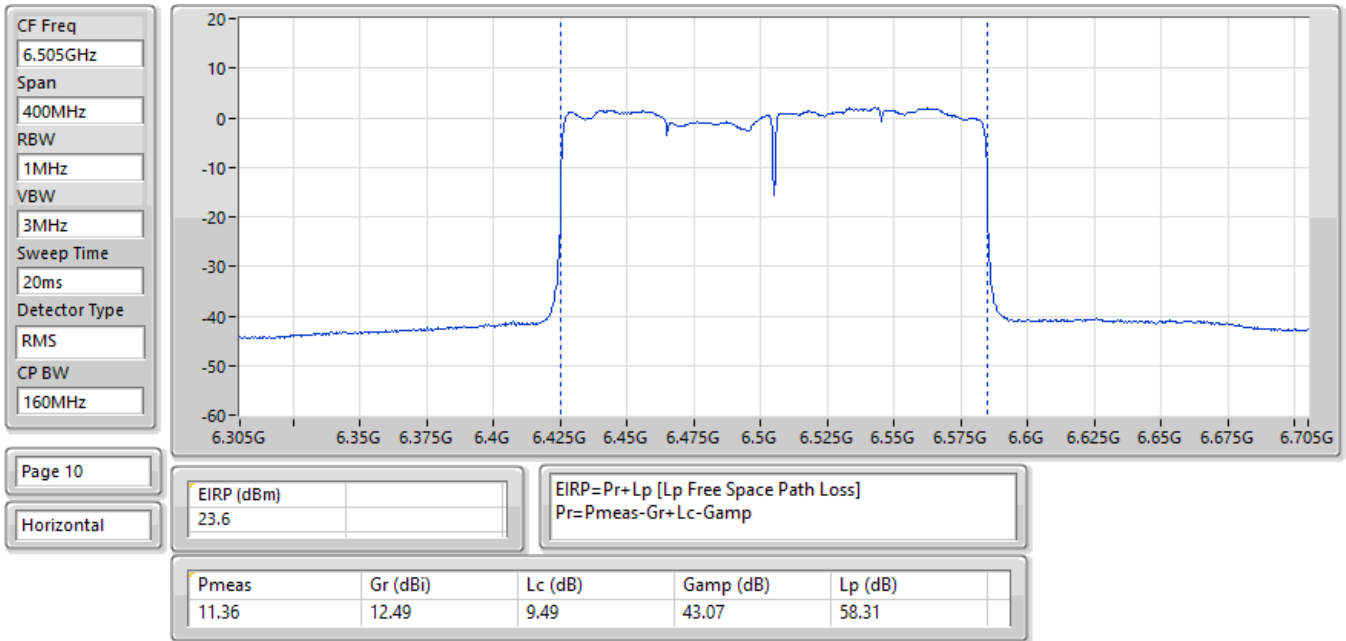
22/05/2026

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



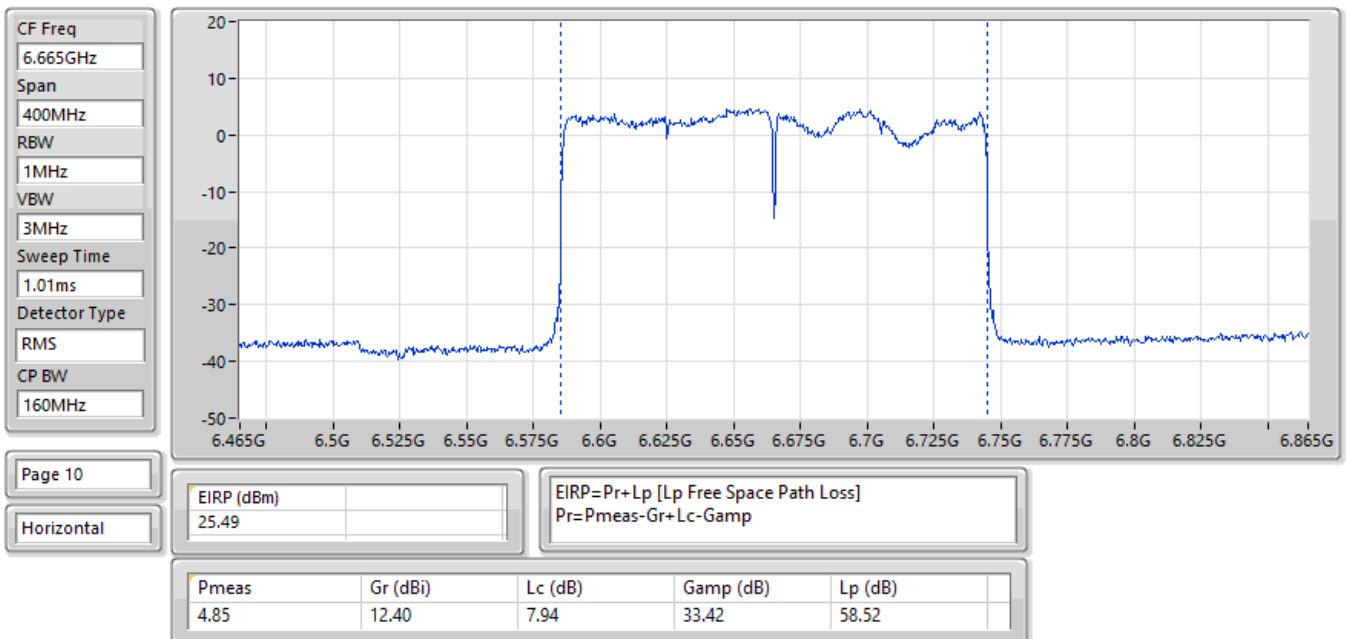
22/05/2026

EIRP;Band:6.4G;bn160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6505MHz;TX



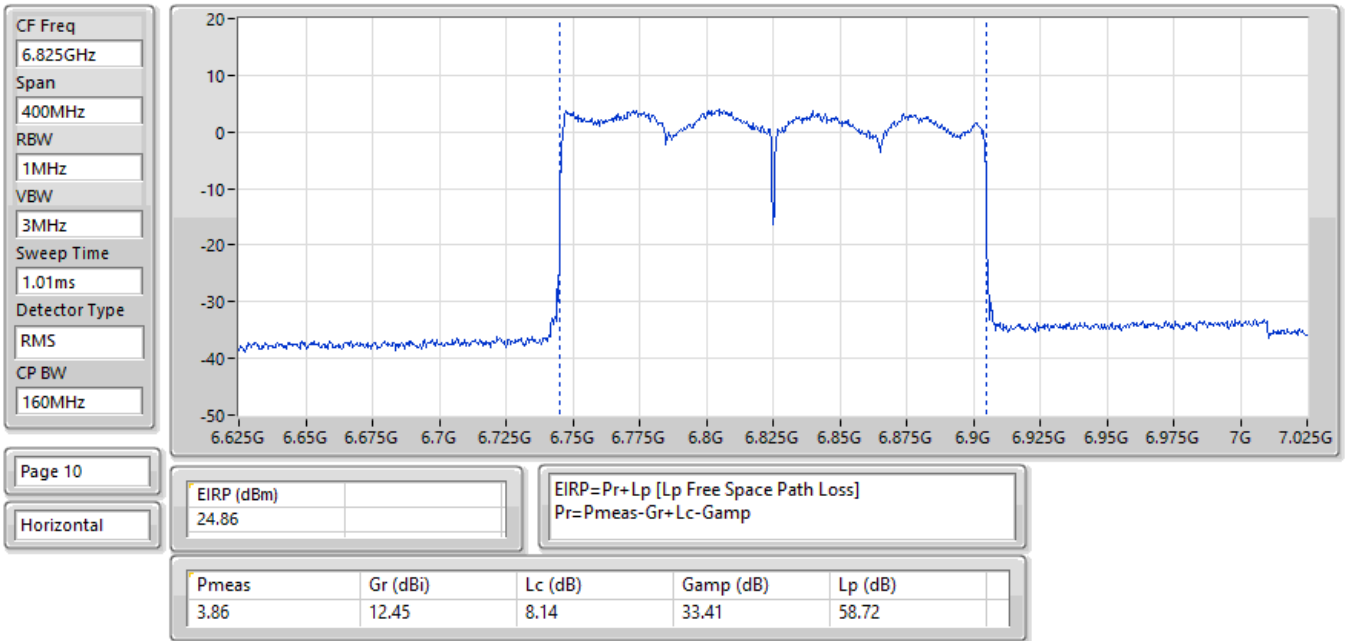
14/05/2026

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



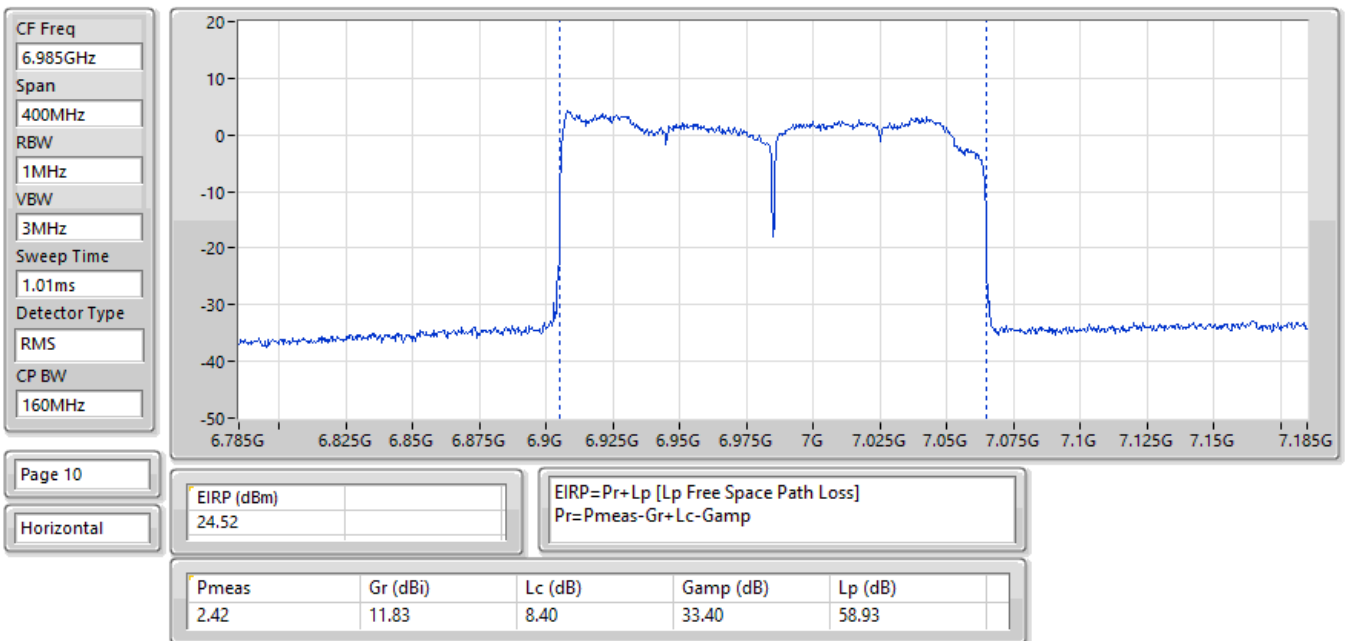
14/05/2026

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

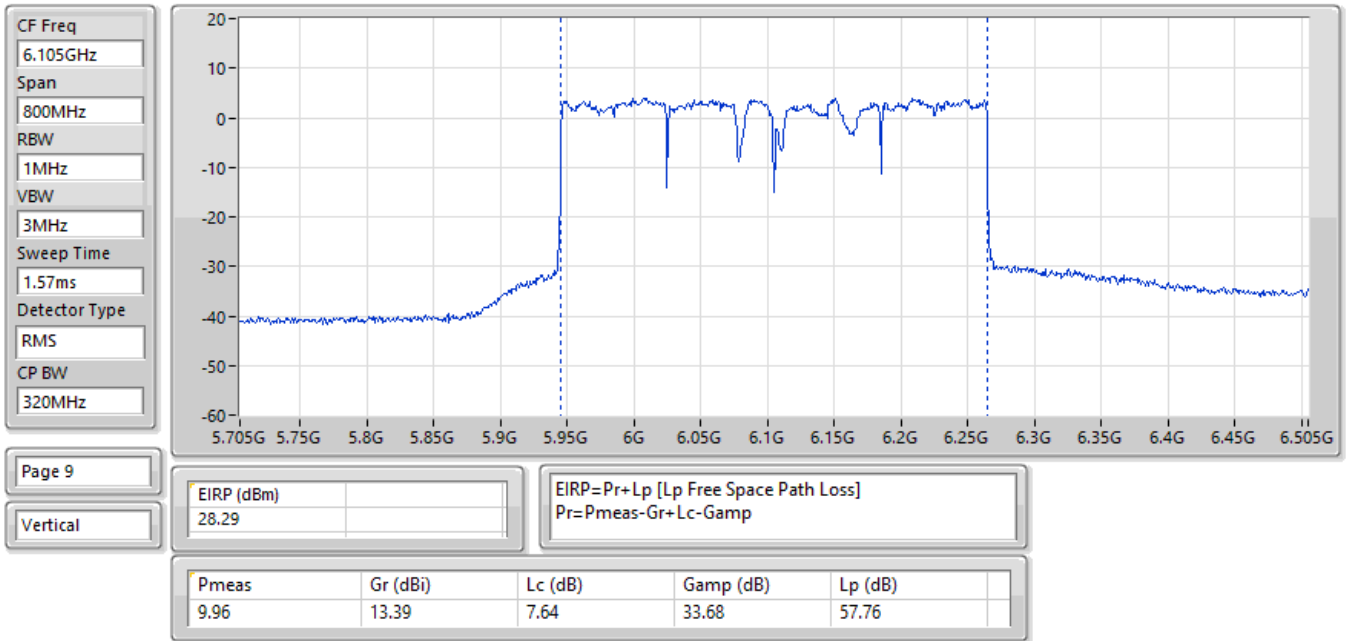


15/05/2026

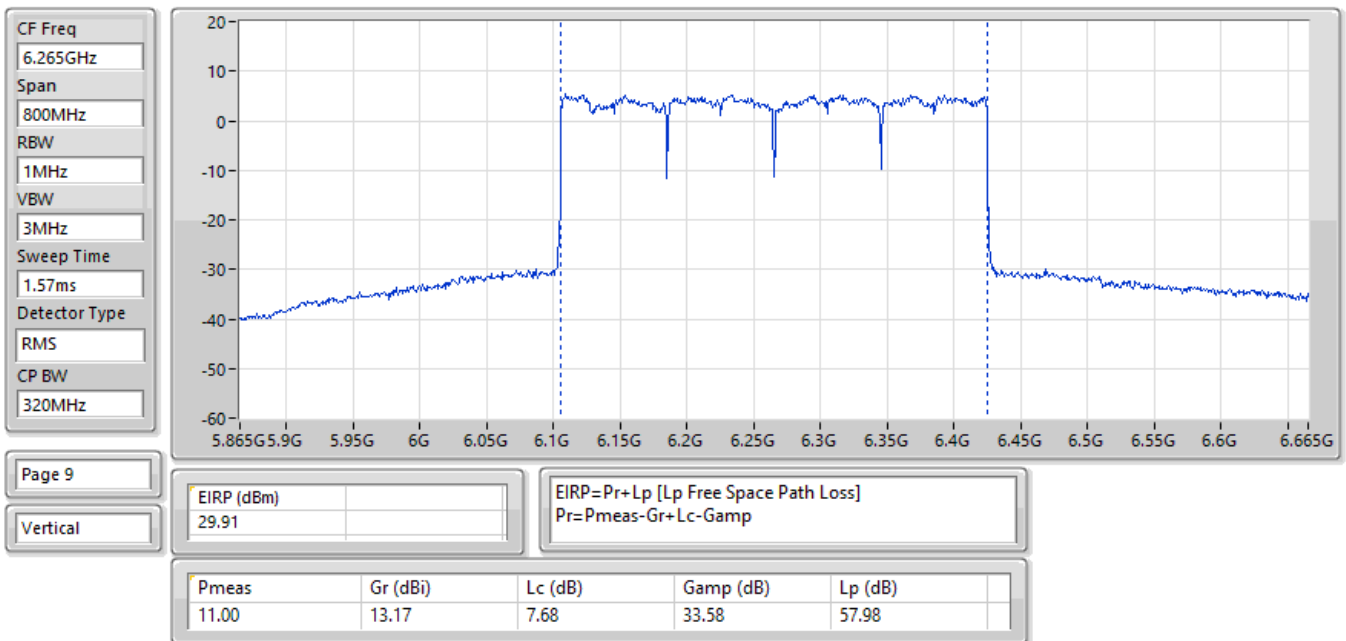
EIRP;Band:7.0G;bn160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6985MHz;TX



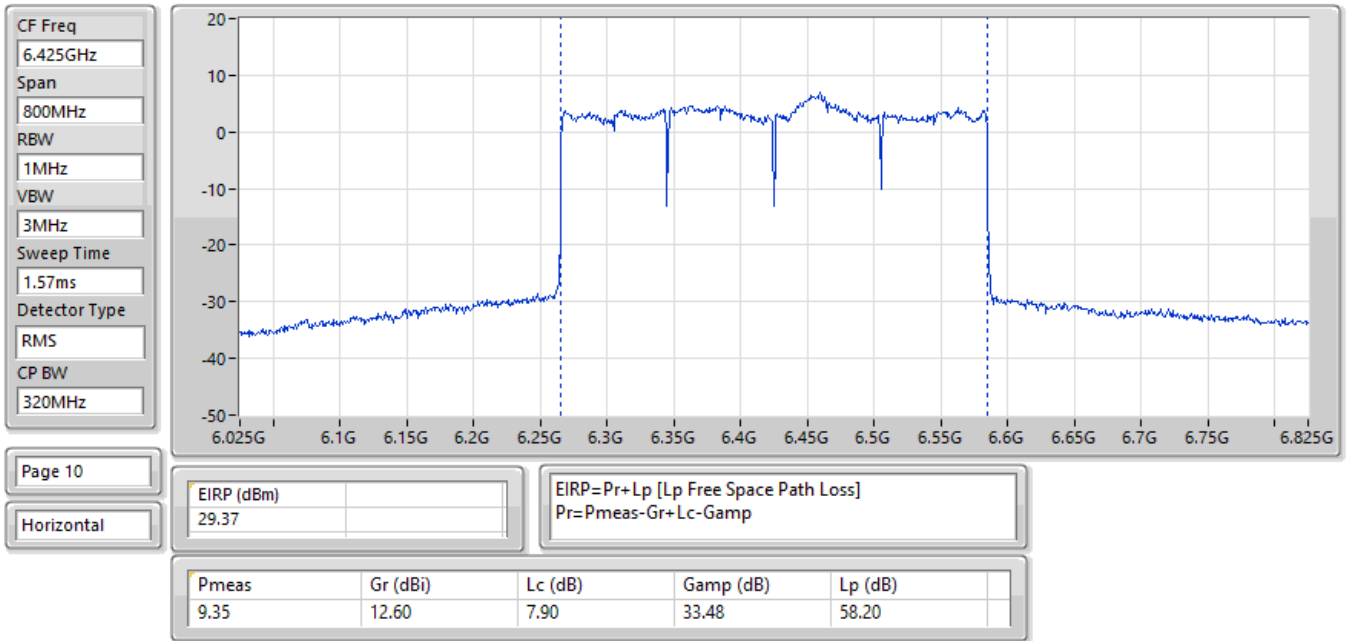
EIRP;Band:6.2G;bn320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6105MHz;TX



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

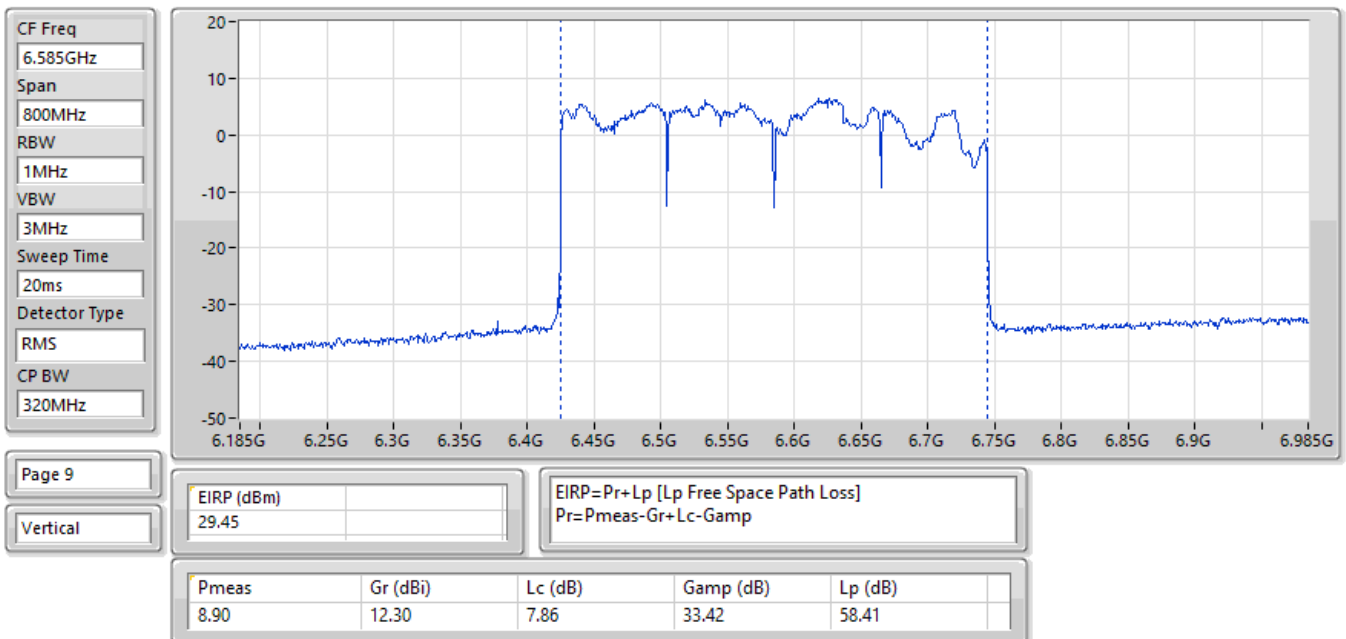


EIRP;Band:6.2G;bn320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6425MHz;TX



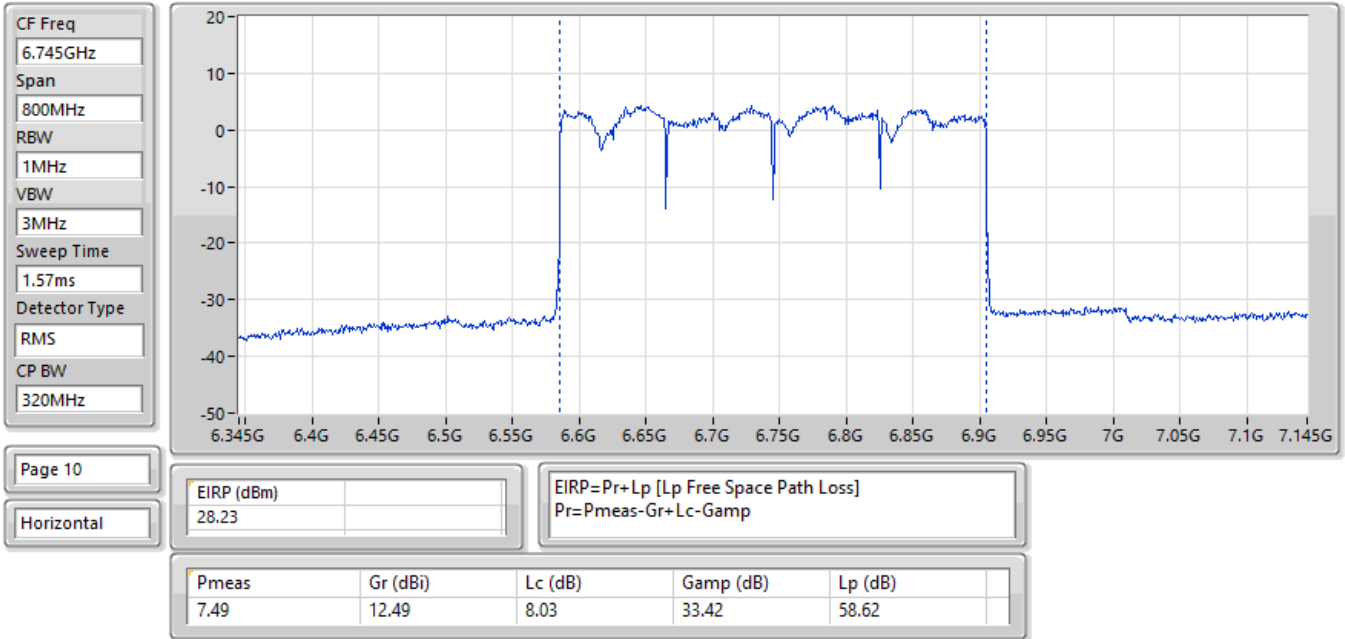
17/04/2026

EIRP;Band:6.4G;bn320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6585MHz;TX



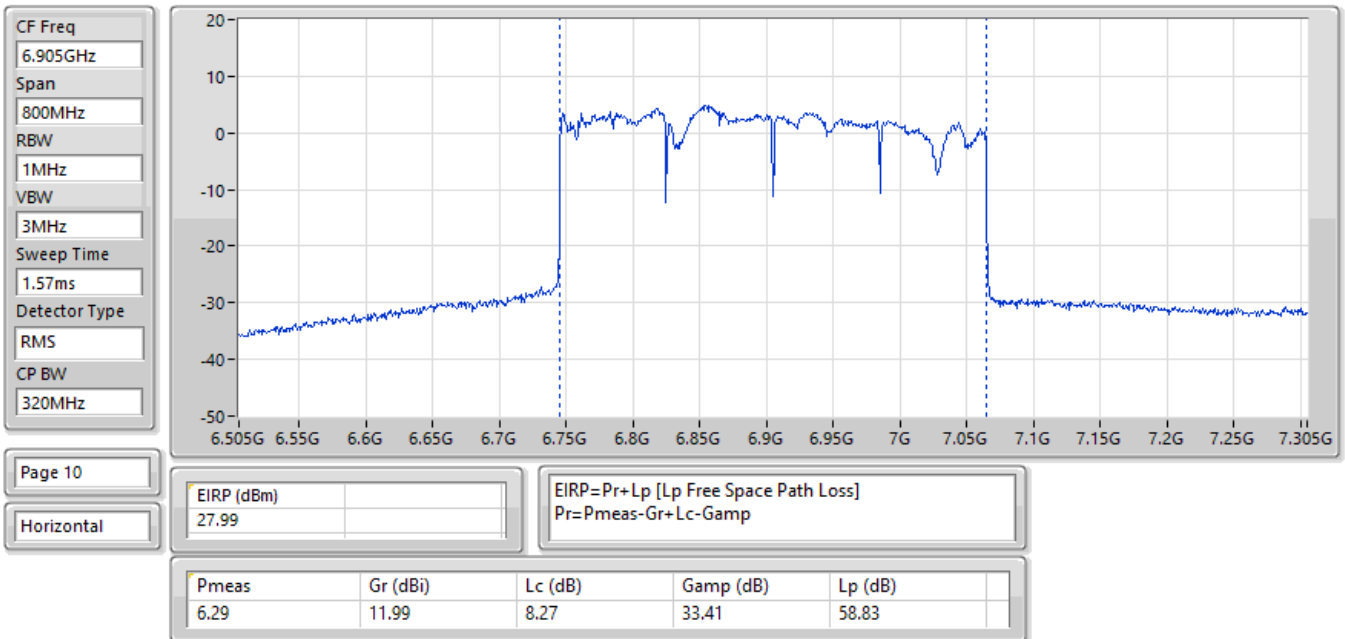
17/04/2026

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



17/04/2026

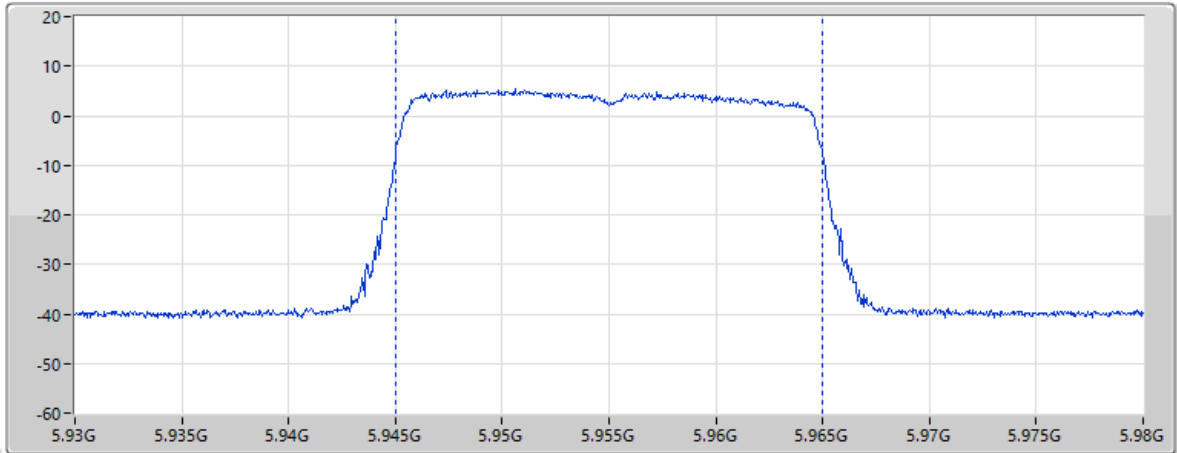
EIRP;Band:6.7G;bn320,BF;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6905MHz;TX



15/05/2026

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

CF Freq
5.955GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
20MHz



Page 9

Vertical

EIRP (dBm)
17.73

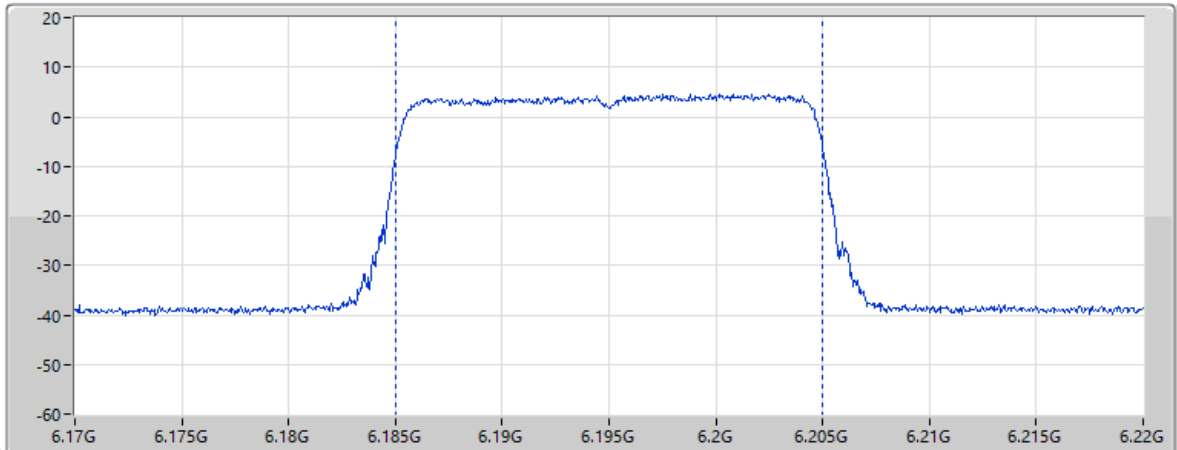
EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.28	13.40	7.63	33.76	57.54

15/05/2026

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

CF Freq
6.195GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
20MHz



Page 9

Vertical

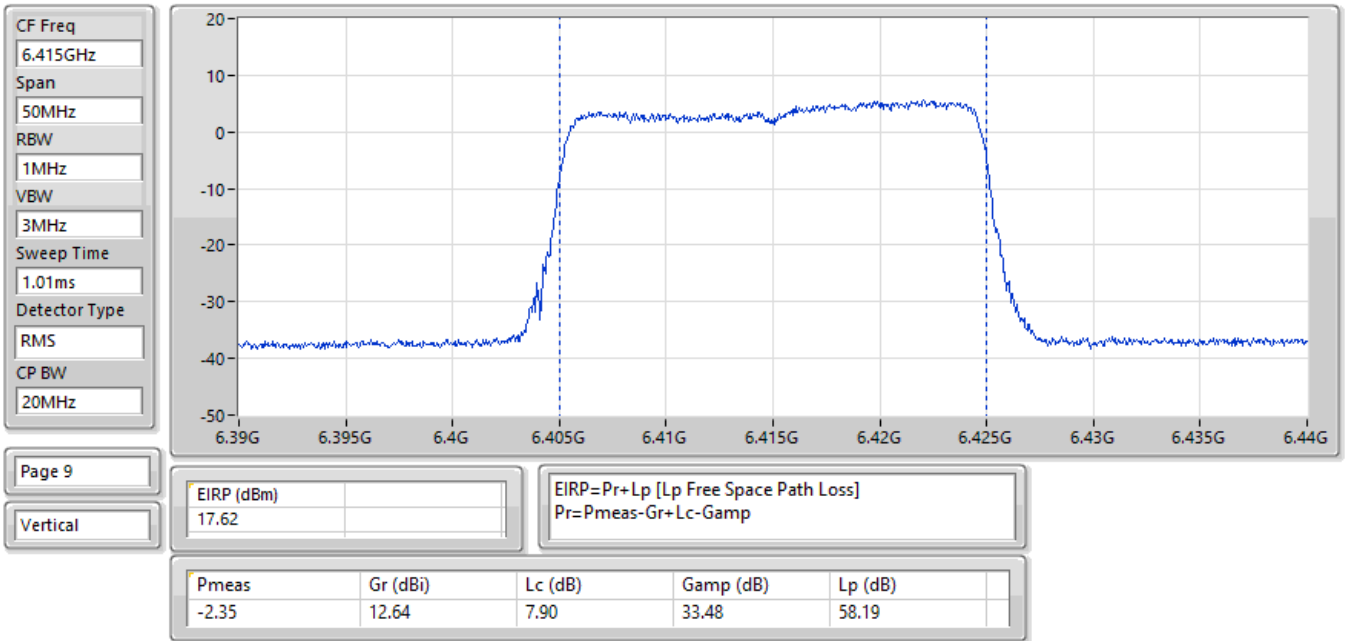
EIRP (dBm)
17.43

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-1.19	13.21	7.58	33.63	57.88

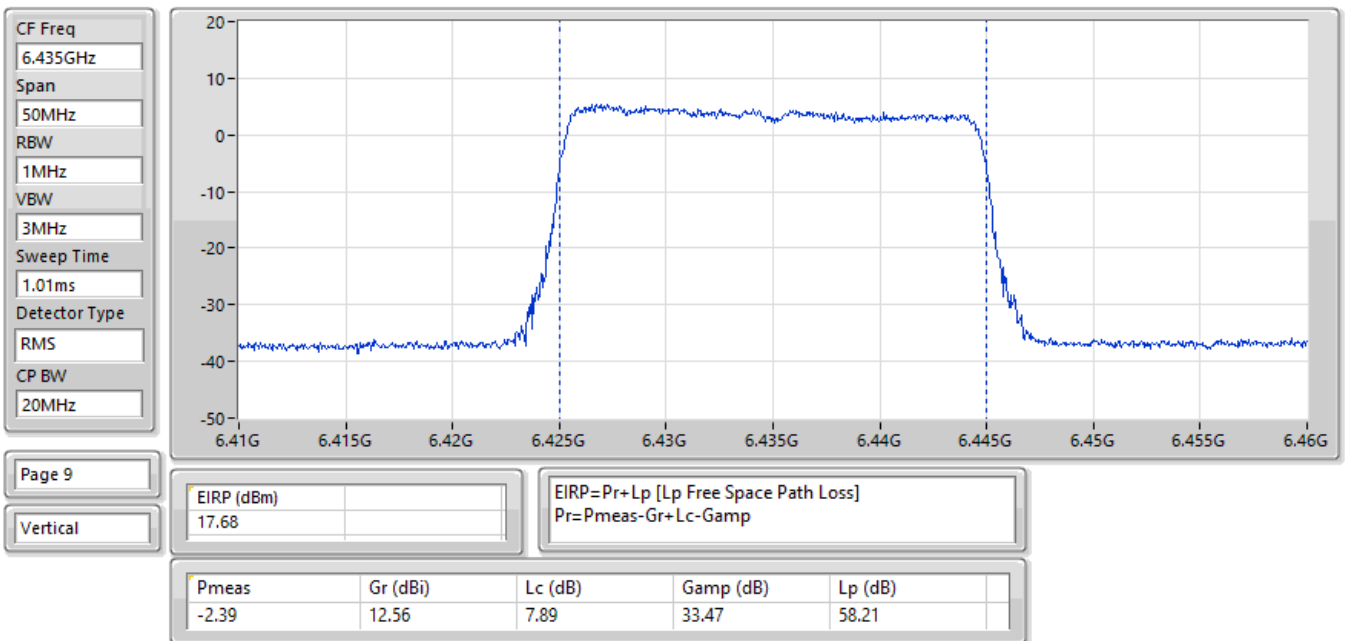
15/05/2026

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



15/05/2026

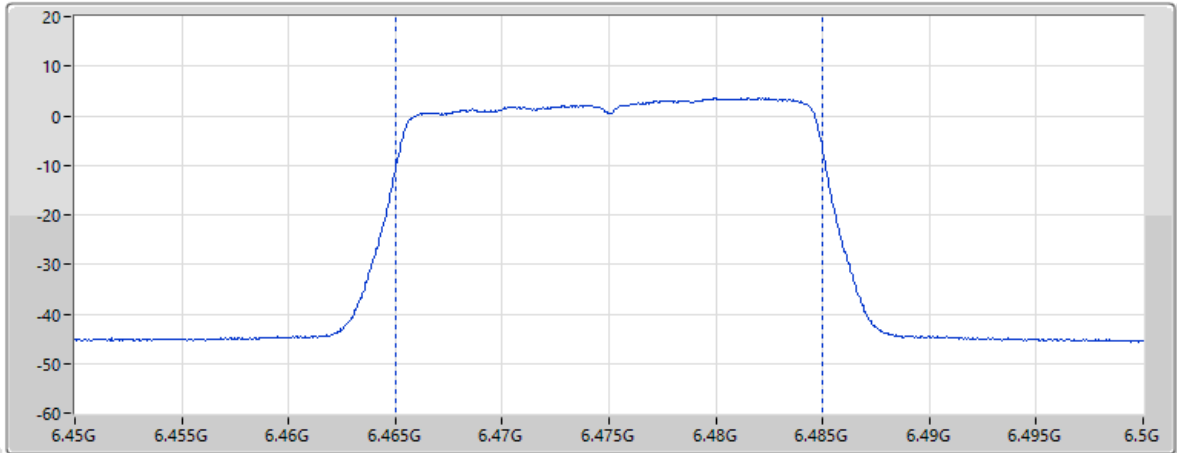
EIRP:Band:6.4G;bn20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:6435MHz;TX



15/05/2026

EIRP:Band:6.4G;bn20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:6475MHz;TX

CF Freq
6.475GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



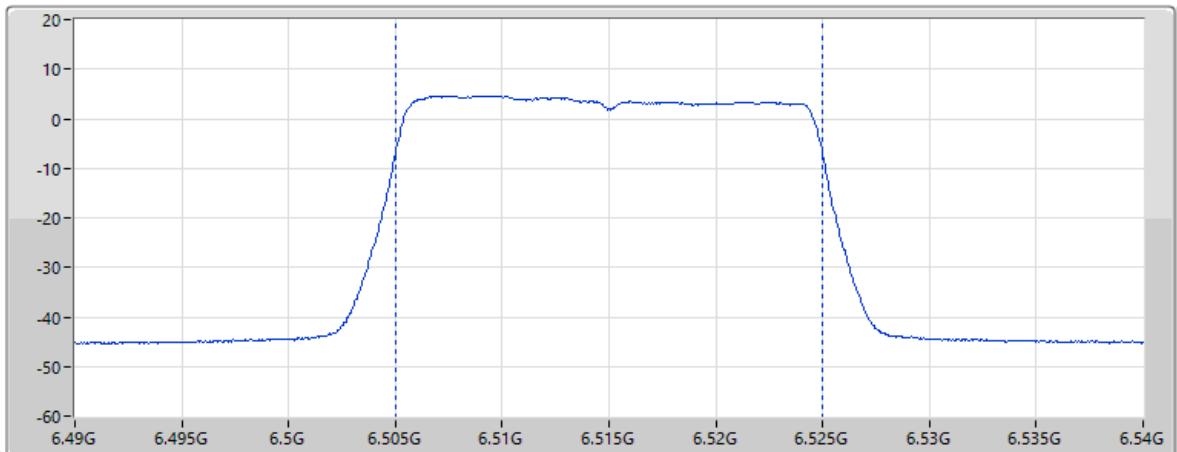
Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
16.15				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
4.08	12.60	9.48	43.08	58.27

16/05/2026

EIRP:Band:6.4G;bn20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:6515MHz;TX

CF Freq
6.515GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



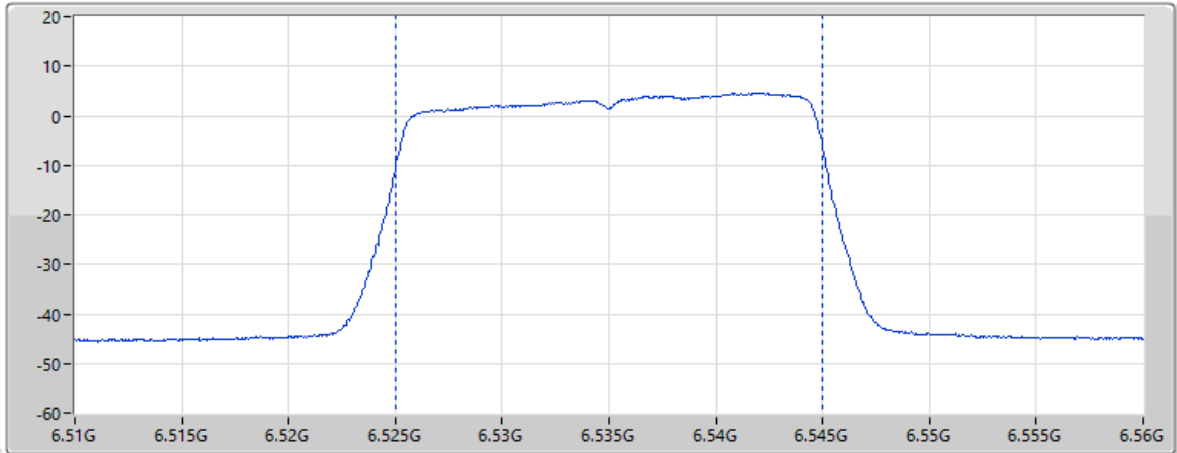
Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
17.57				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
5.28	12.47	9.50	43.06	58.32

16/05/2026

EIRP:Band:6.7G;bn20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:6535MHz;TX

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



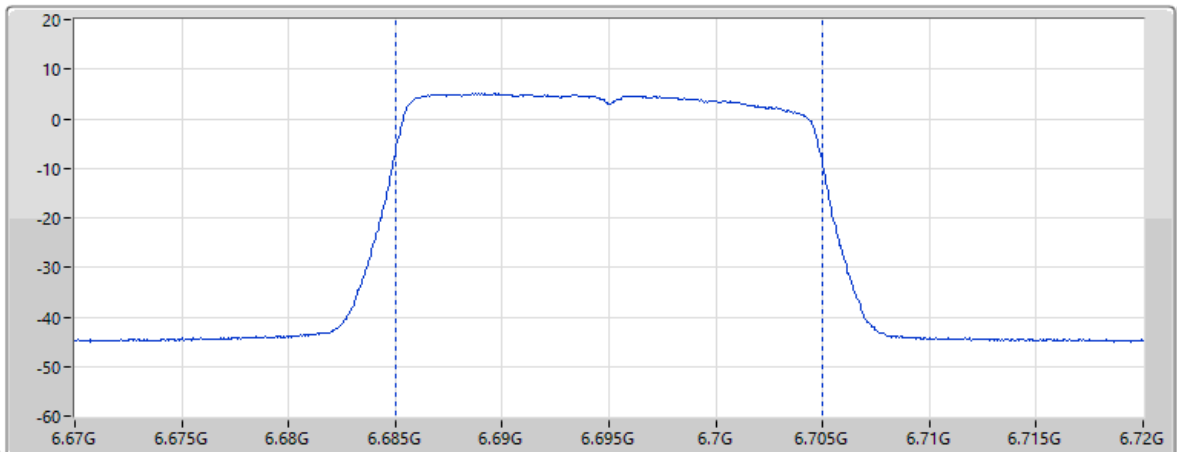
Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
16.95				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
4.57	12.43	9.51	43.05	58.35

16/05/2026

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

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



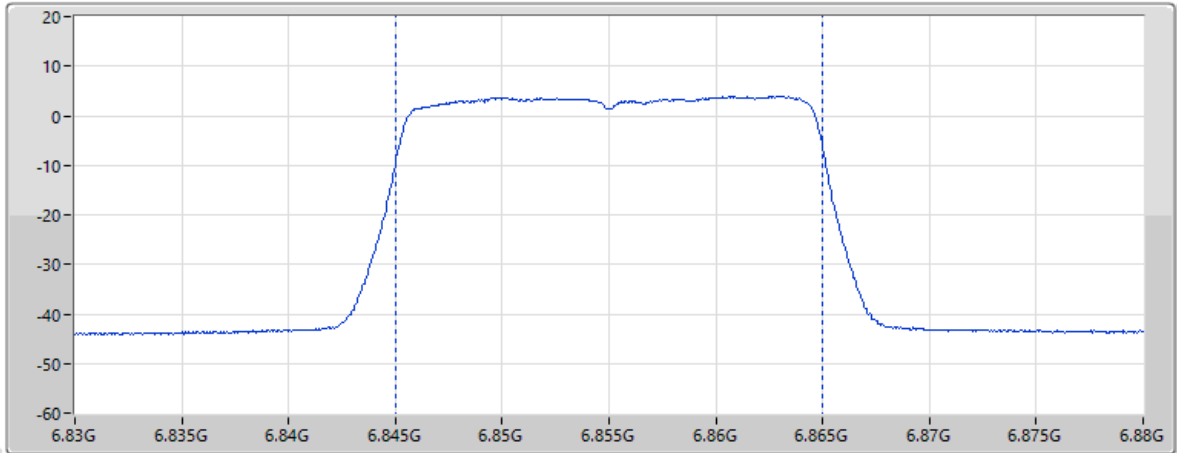
Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
18.02				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
5.41	12.59	9.62	42.98	58.56

16/05/2026

EIRP:Band:6.7G;bn20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:6855MHz;TX

CF Freq
6.855GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



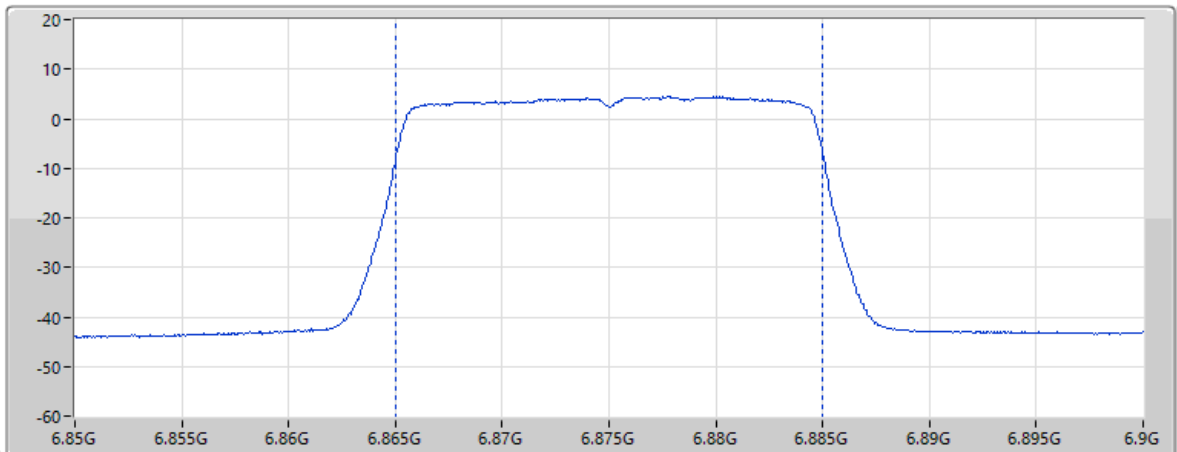
Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
17.08				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
4.13	12.66	9.76	42.91	58.76

16/05/2026

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

CF Freq
6.875GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



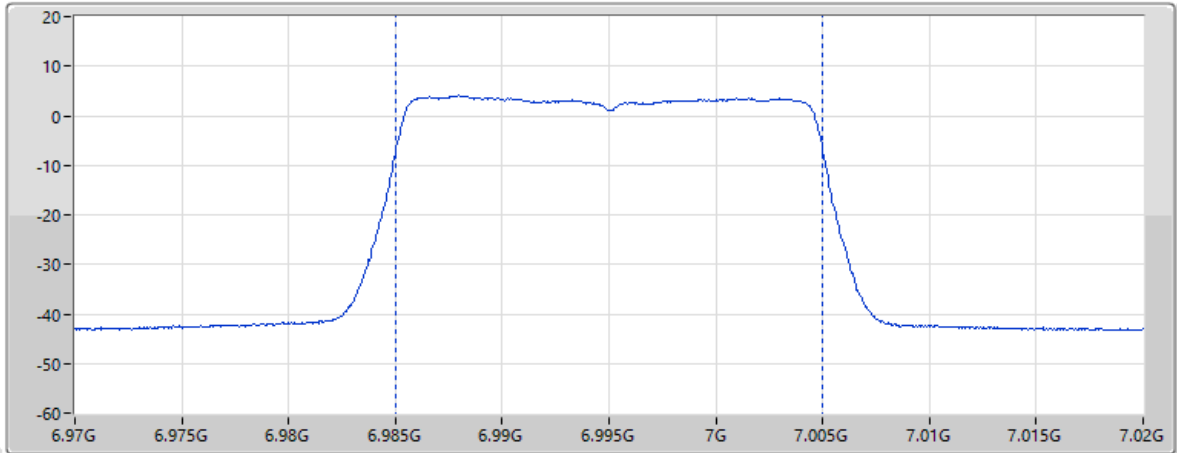
Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
17.6				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
4.44	12.50	9.78	42.91	58.79

16/05/2026

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
20ms
Detector Type
RMS
CP BW
20MHz



Page 9

Vertical

EIRP (dBm)
17.07

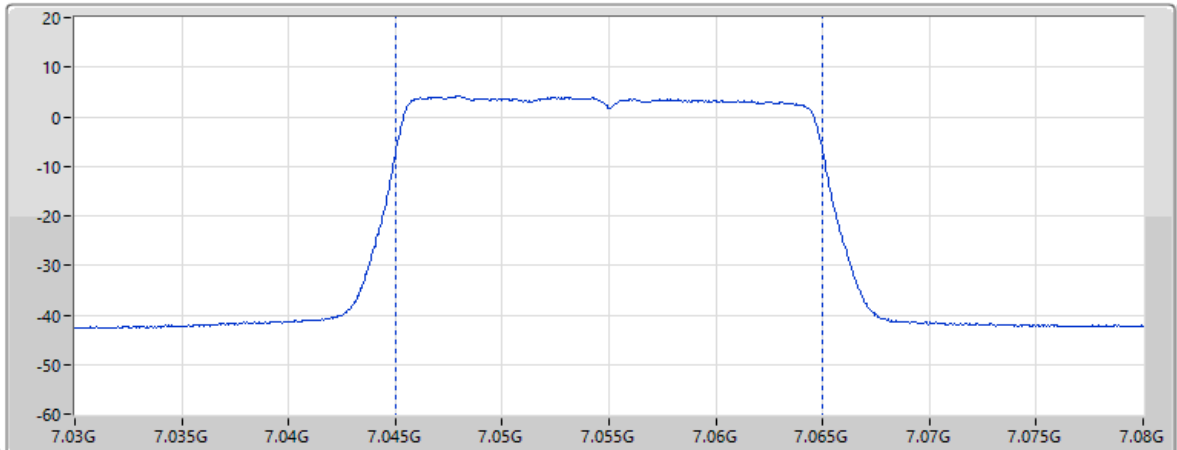
EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
3.19	12.10	9.89	42.85	58.94

22/05/2026

EIRP:Band:7.0G;bn20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:7055MHz;TX

CF Freq
7.055GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



Page 9

Vertical

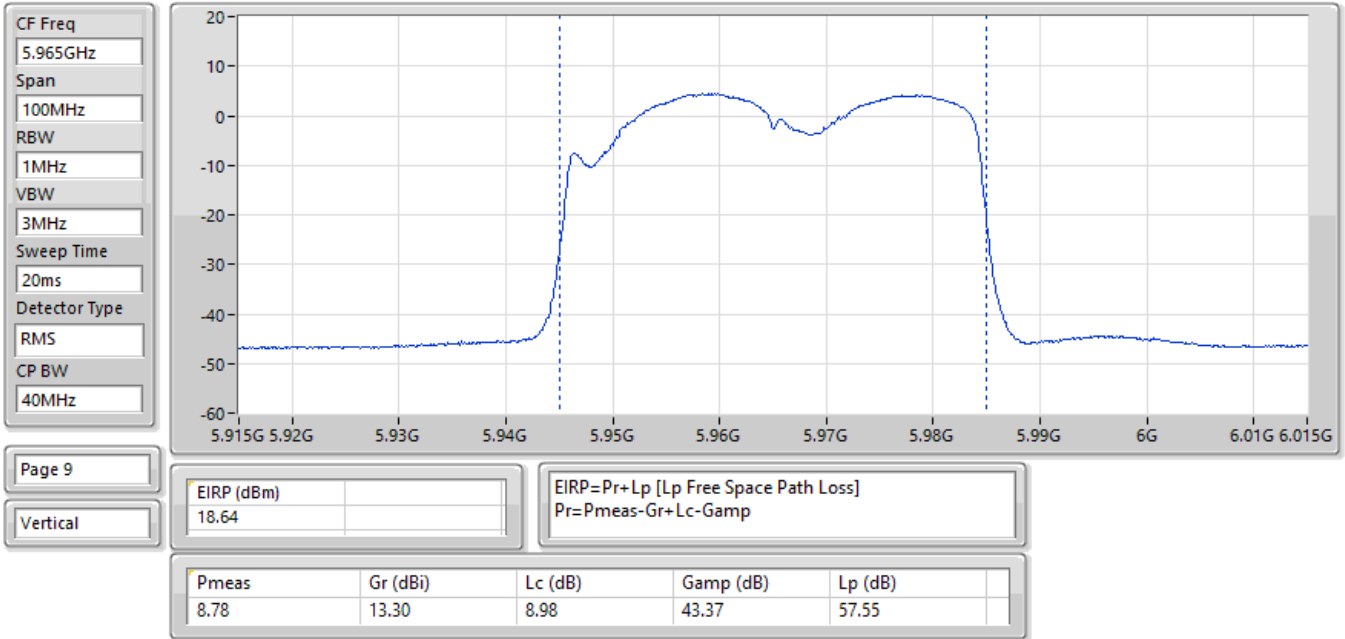
EIRP (dBm)
17.31

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
3.00	11.87	9.99	42.82	59.01

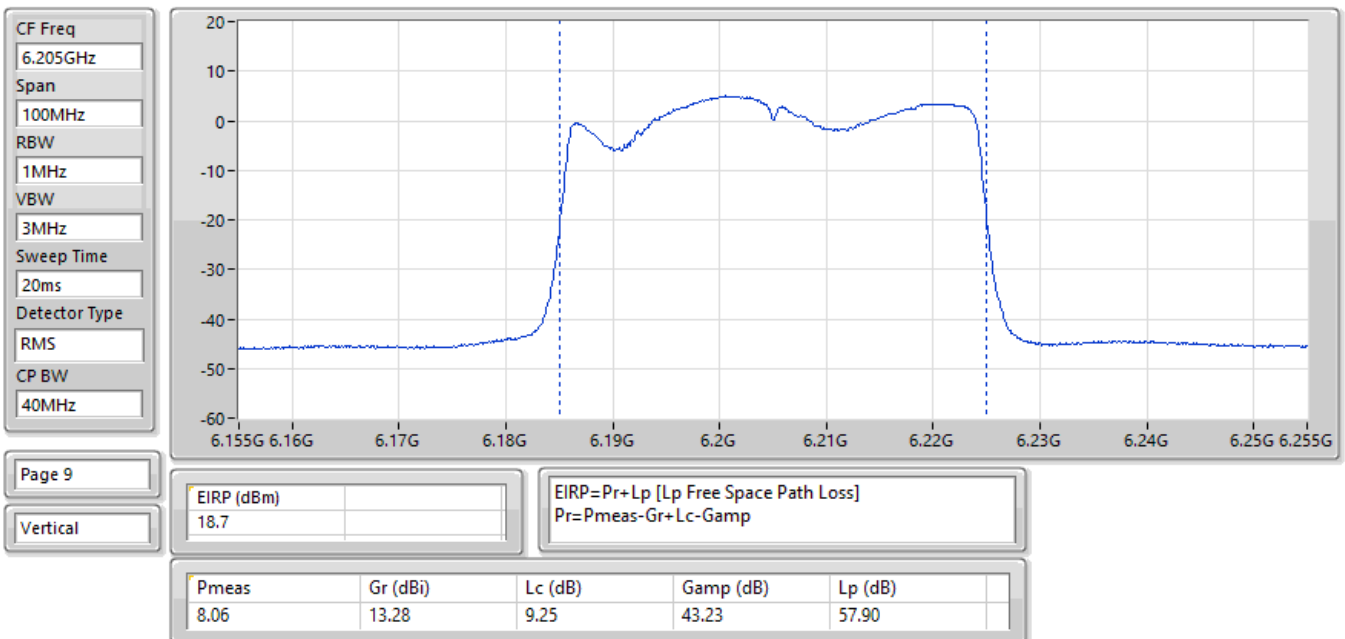
16/05/2026

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



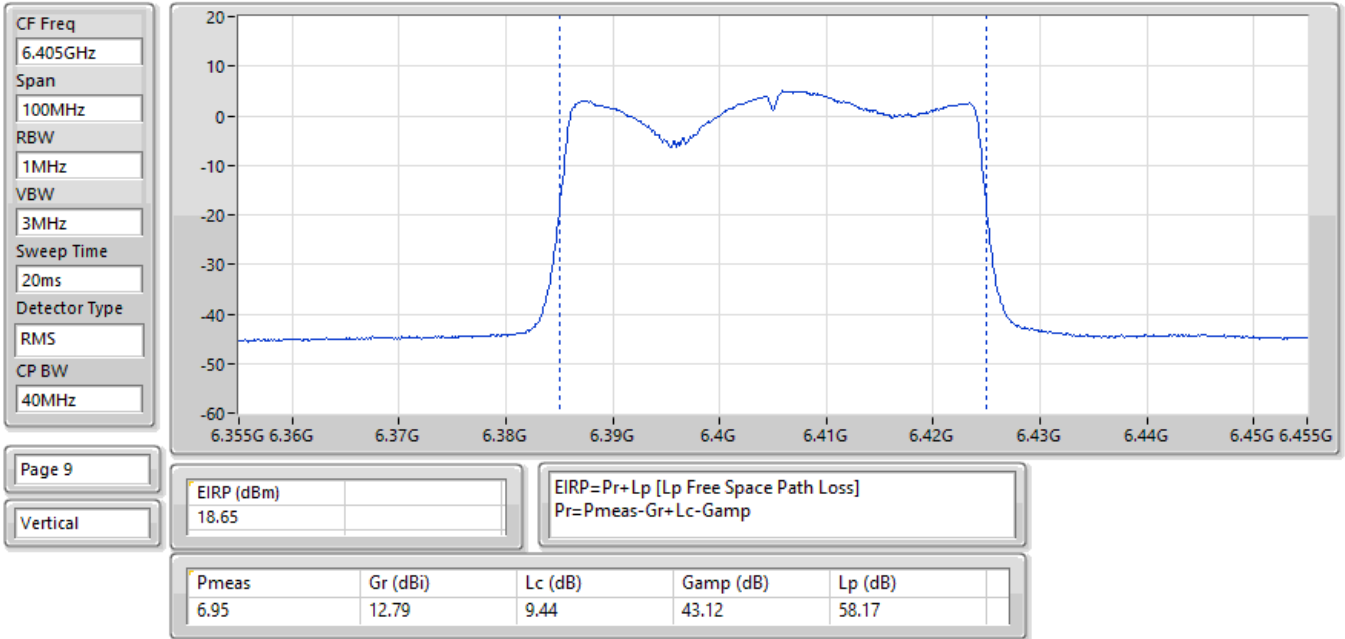
16/05/2026

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



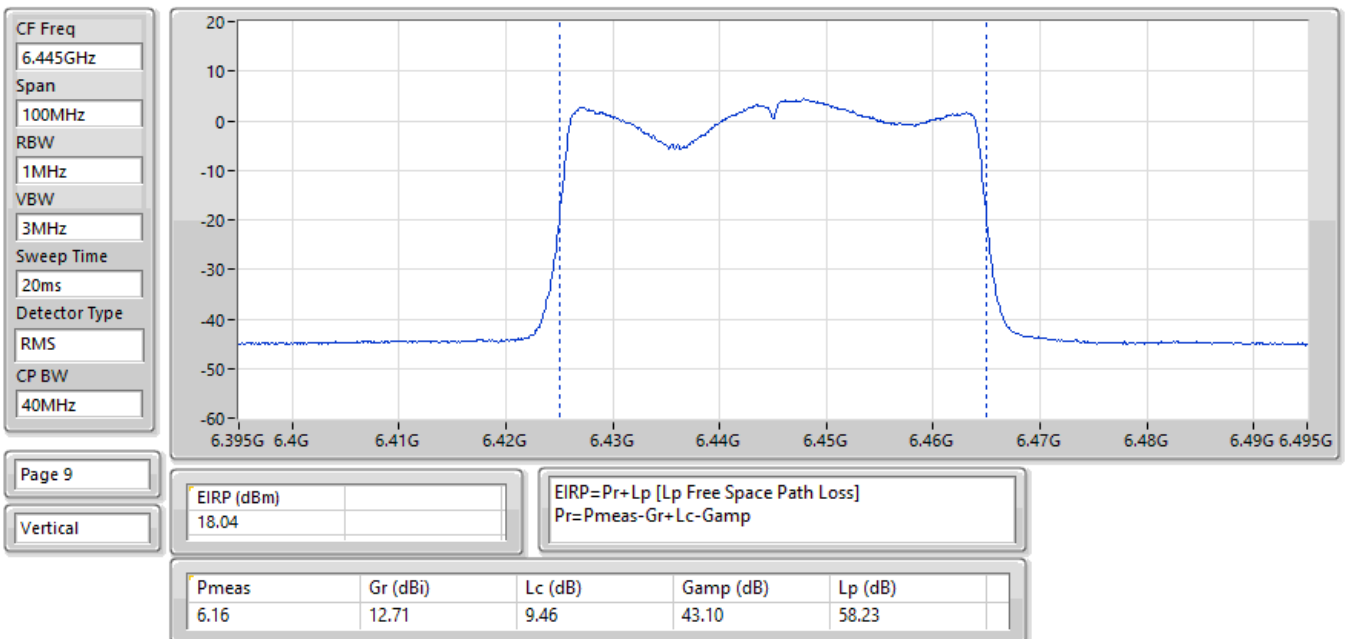
16/05/2026

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



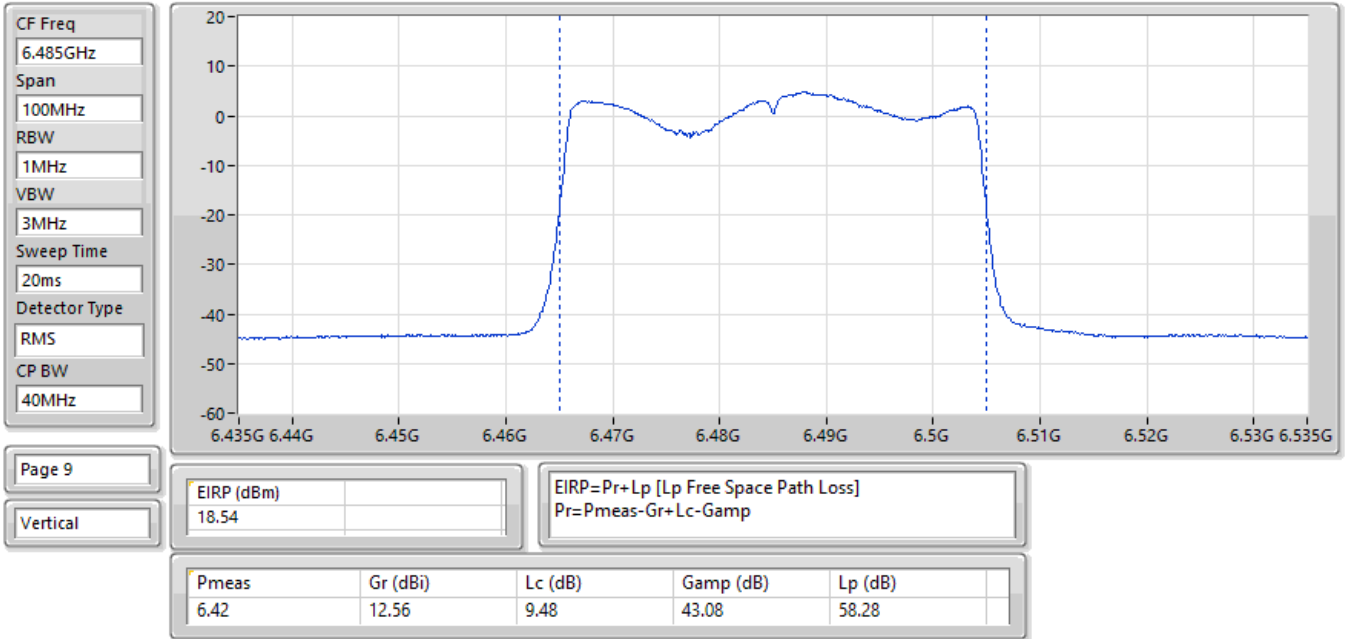
16/05/2026

EIRP:Band:6.4G;bn40,BF;BWch:40MHz;Nss:2,(M0);Nant:4;Ch:6445MHz;TX



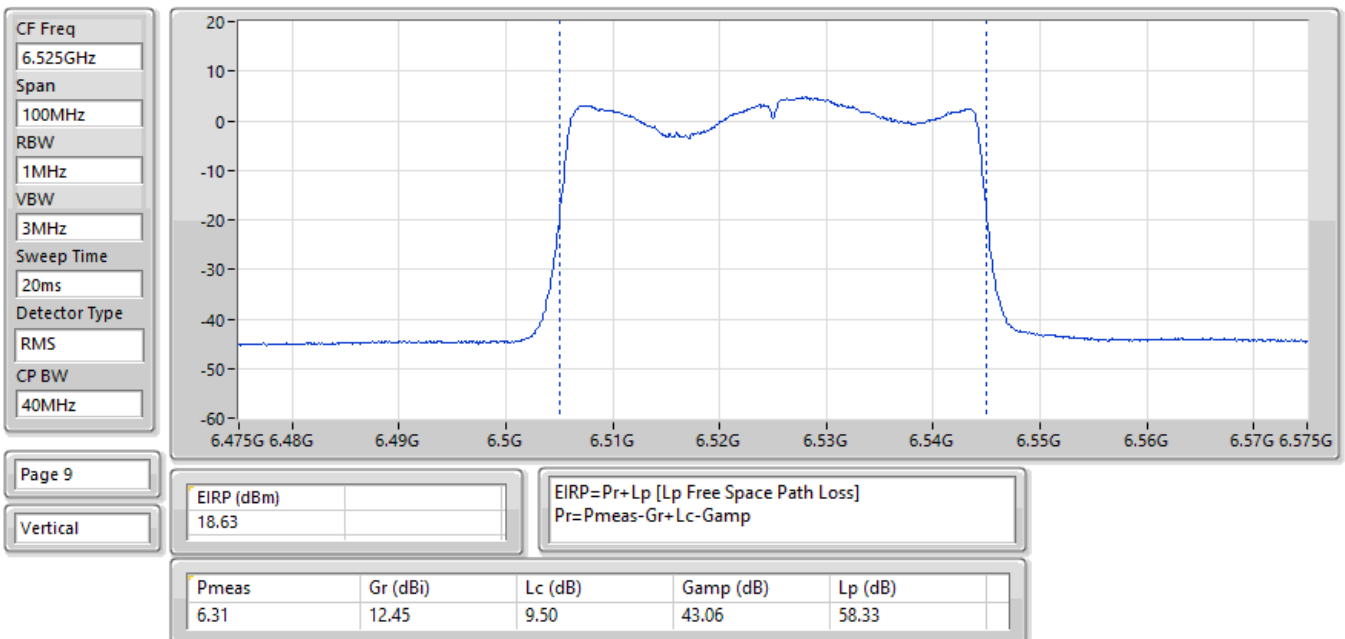
16/05/2026

EIRP:Band:6.4G;bn40,BF;BWch:40MHz;Nss:2,(M0);Nant:4;Ch:6485MHz;TX



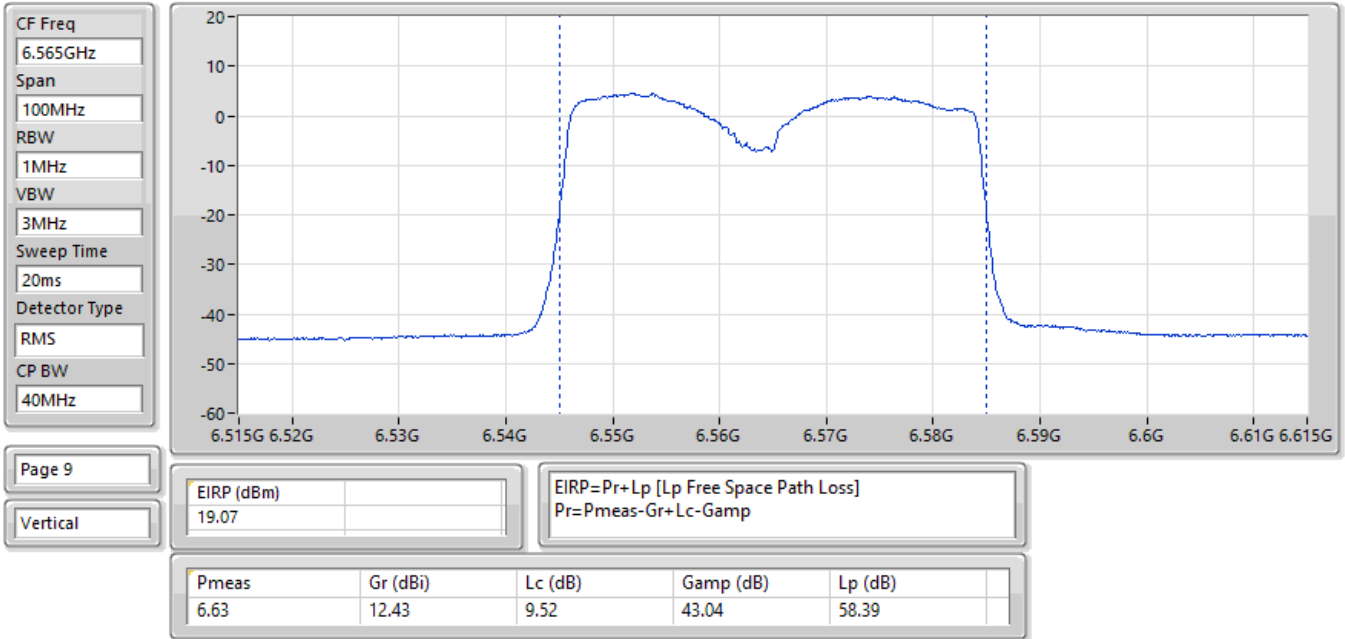
16/05/2026

EIRP:Band:6.4G;bn40,BF;BWch:40MHz;Nss:2,(M0);Nant:4;Ch:6525MHz;TX



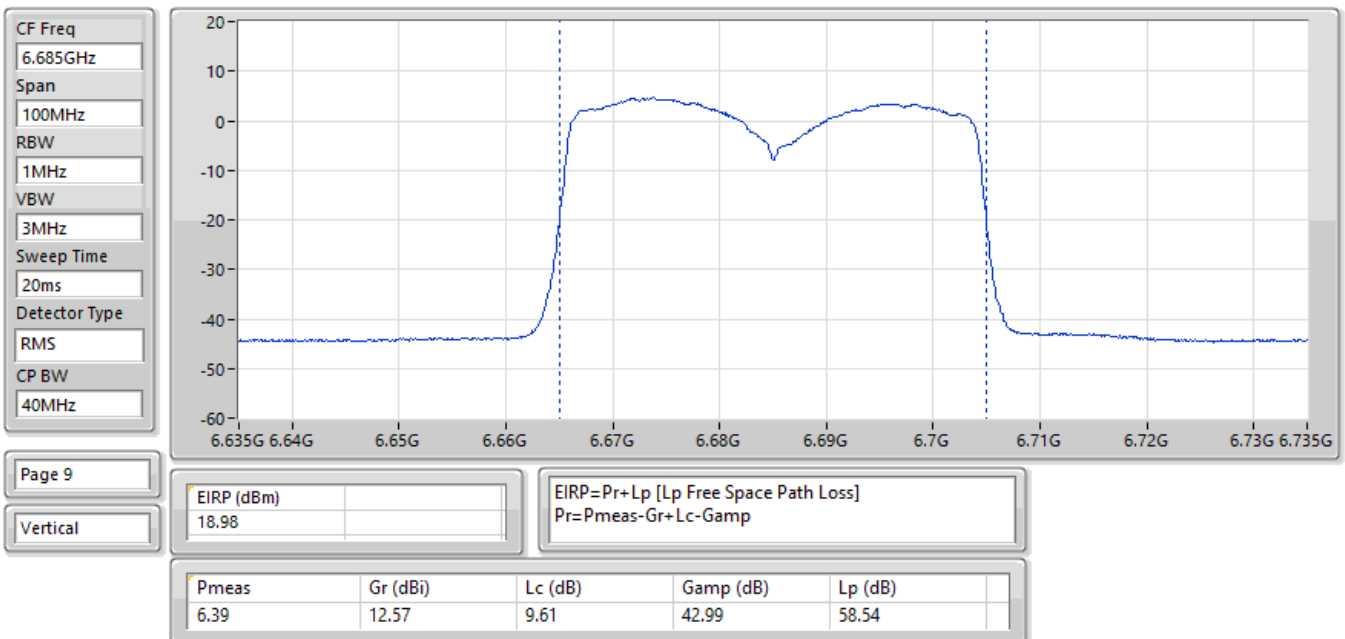
16/05/2026

EIRP:Band:6.7G;bn40,BF;BWch:40MHz;Nss:2,(M0);Nant:4;Ch:6565MHz;TX



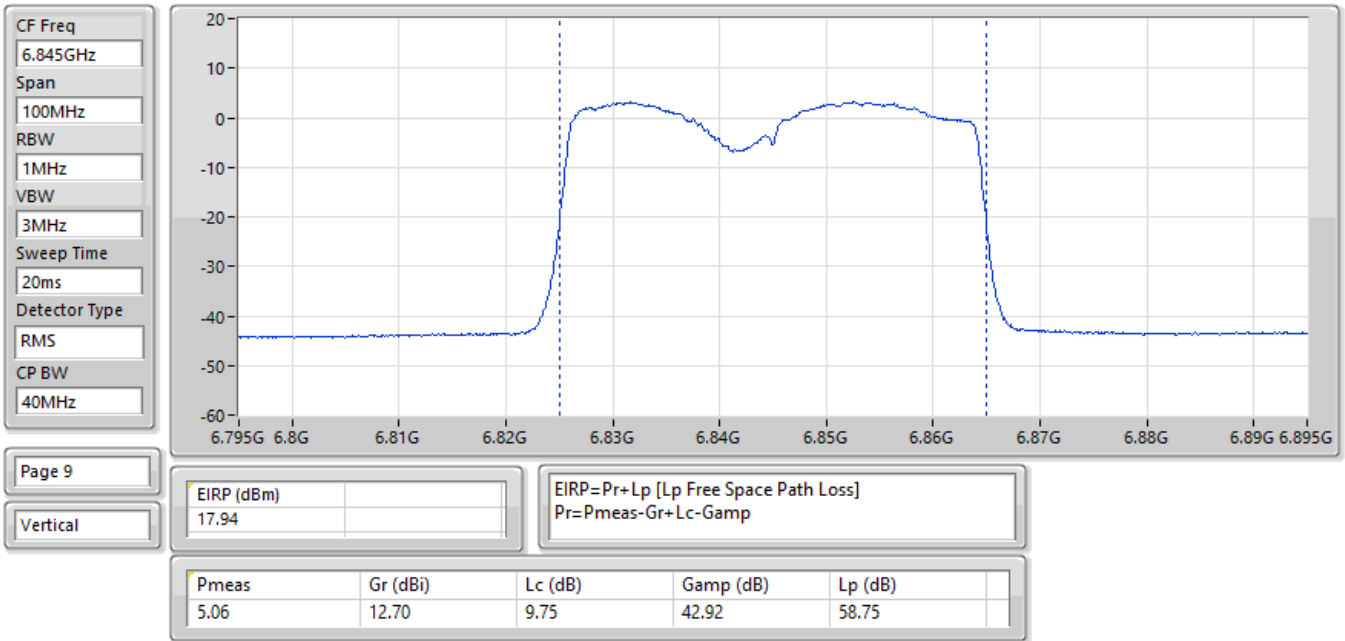
16/05/2026

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



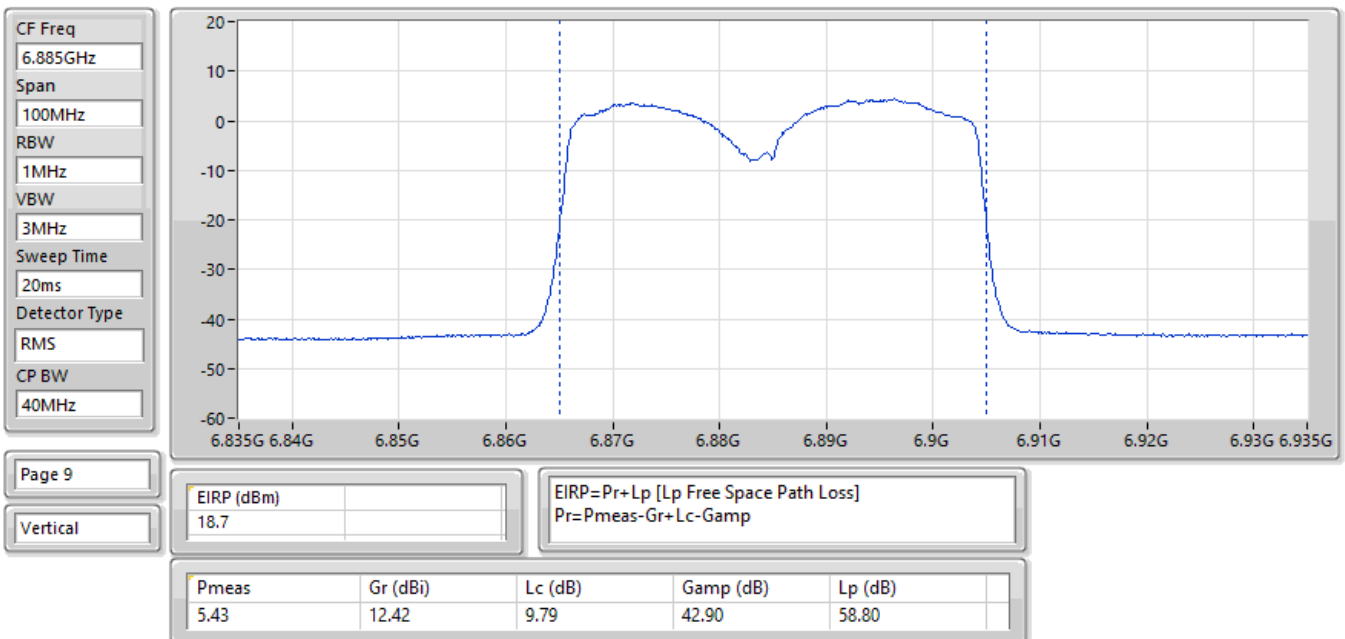
16/05/2026

EIRP:Band:6.7G;bn40,BF;BWch:40MHz;Nss:2,(M0);Nant:4;Ch:6845MHz;TX



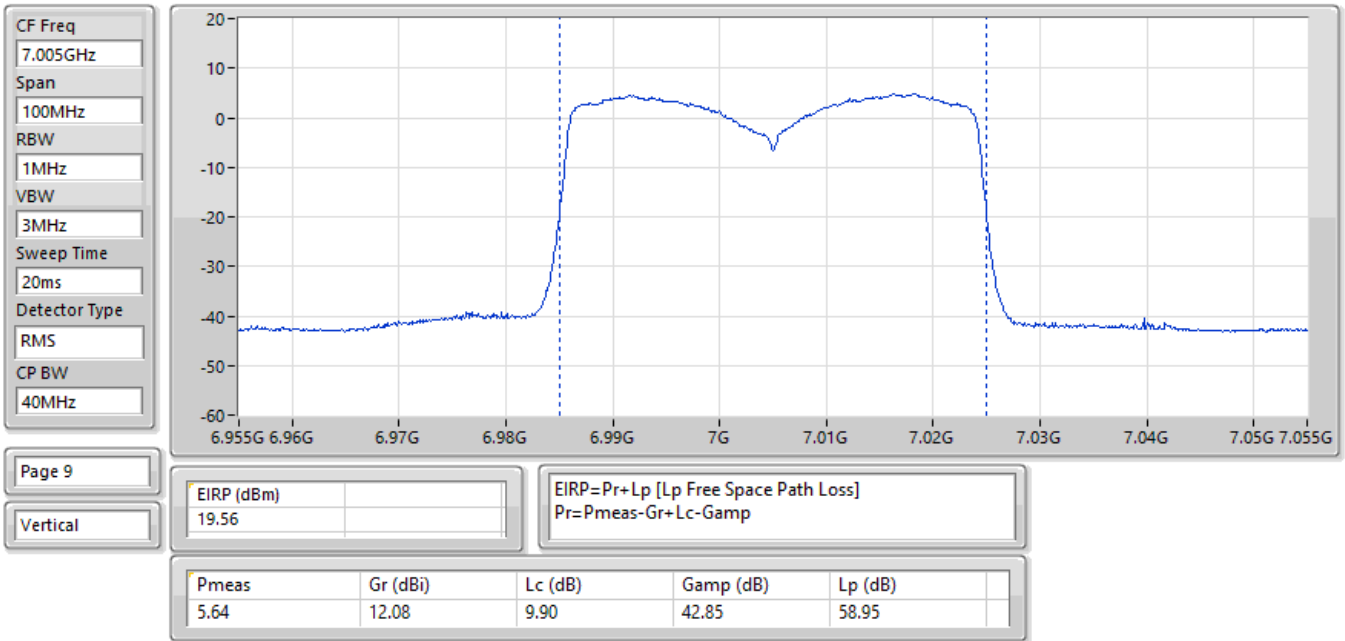
16/05/2026

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



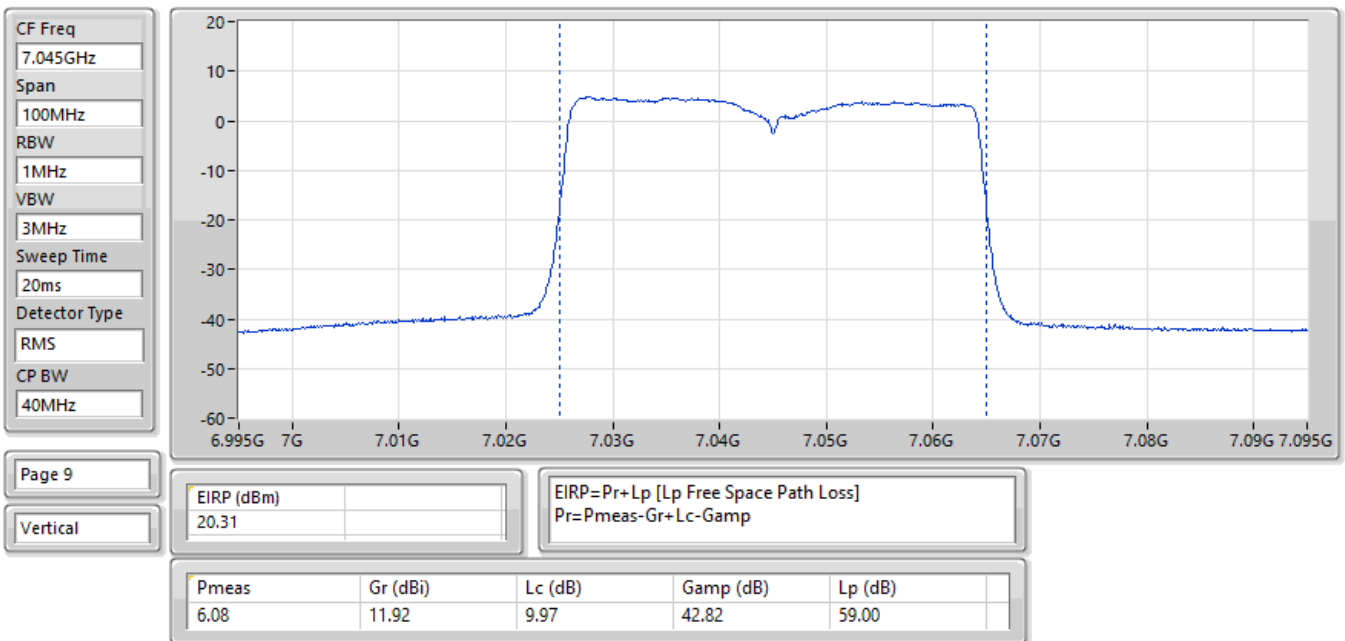
16/05/2026

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



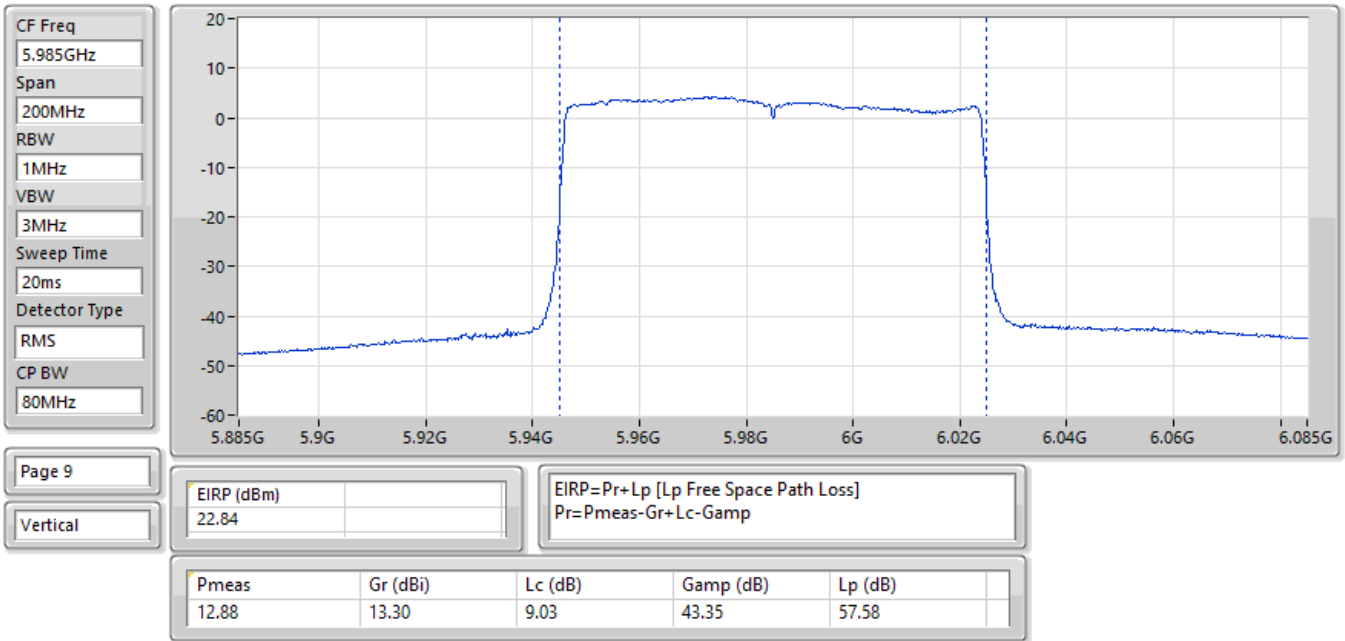
16/05/2026

EIRP:Band:7.0G;bn40,BF;BWch:40MHz;Nss:2,(M0);Nant:4;Ch:7045MHz;TX



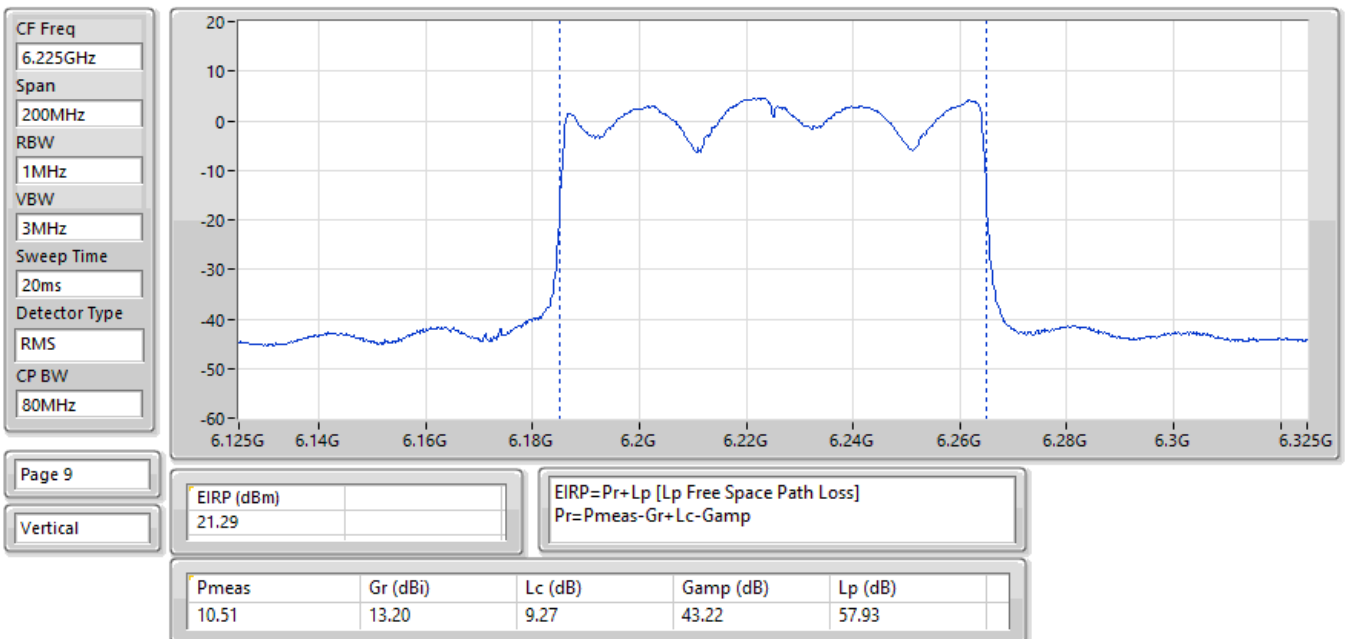
19/05/2026

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



18/05/2026

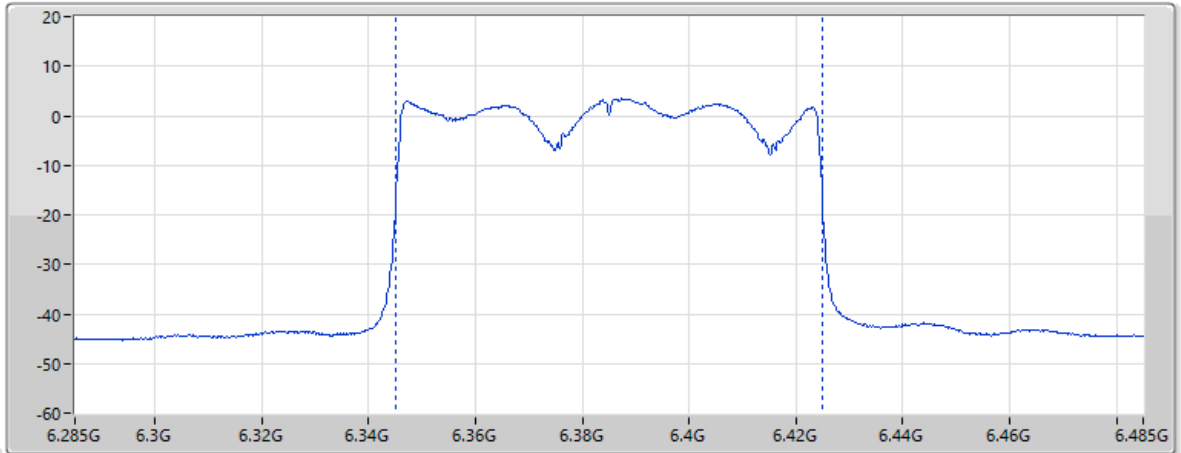
EIRP:Band:6.2G;bn80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:6225MHz;TX



19/05/2026

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

CF Freq
6.385GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
80MHz



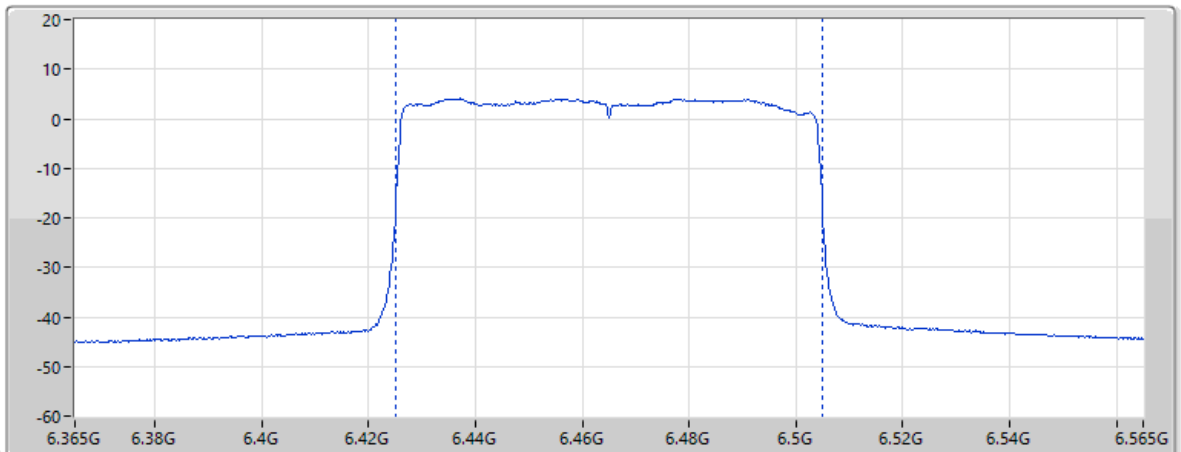
Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
20.7				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
9.08	12.83	9.43	43.13	58.15

19/05/2026

EIRP:Band:6.4G;bn80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:6465MHz;TX

CF Freq
6.465GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
80MHz



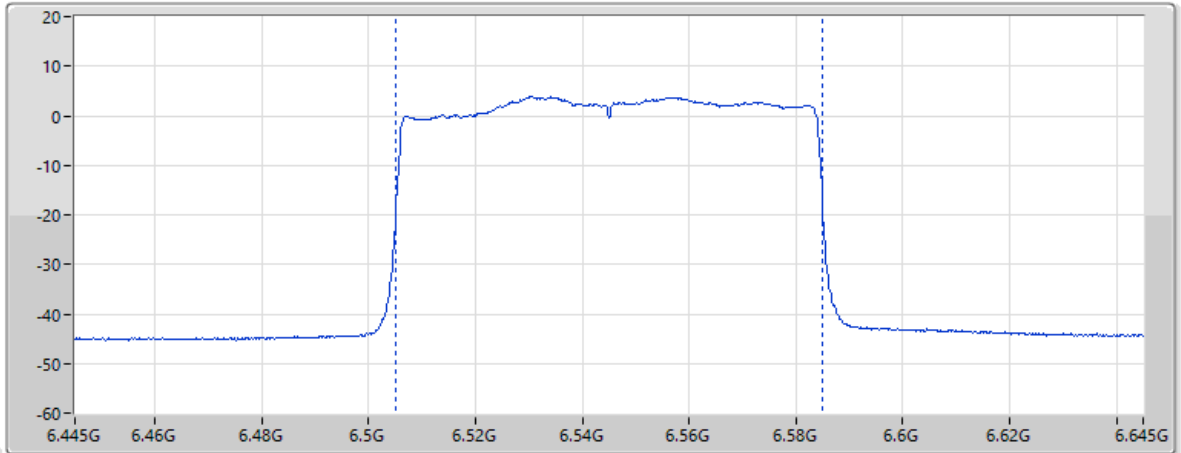
Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
23.19				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
11.20	12.64	9.47	43.09	58.25

19/05/2026

EIRP:Band:6.4G;bn80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:6545MHz;TX

CF Freq
6.545GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
80MHz



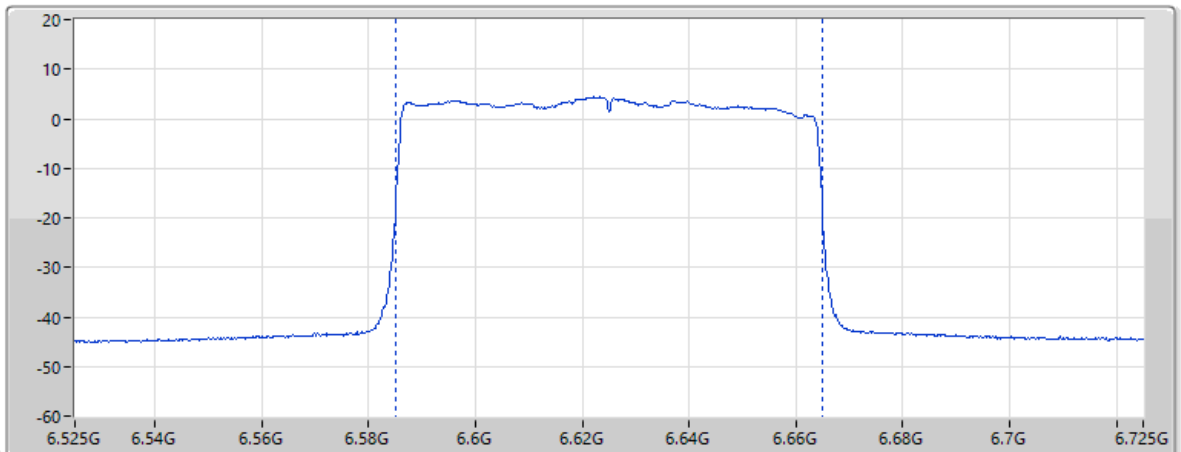
Page 9
Vertical

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
22.21				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
9.80	12.41	9.51	43.05	58.36

19/05/2026

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

CF Freq
6.625GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
80MHz

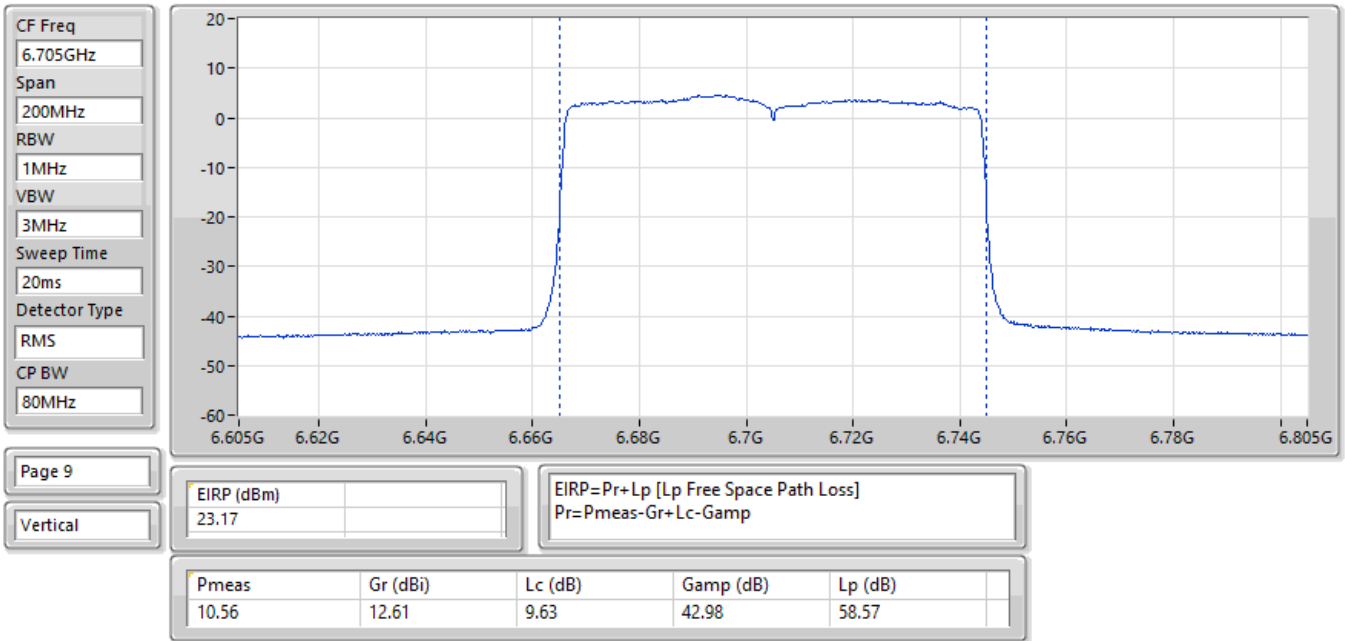


Page 9
Vertical

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
22.87				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
10.36	12.50	9.56	43.02	58.47

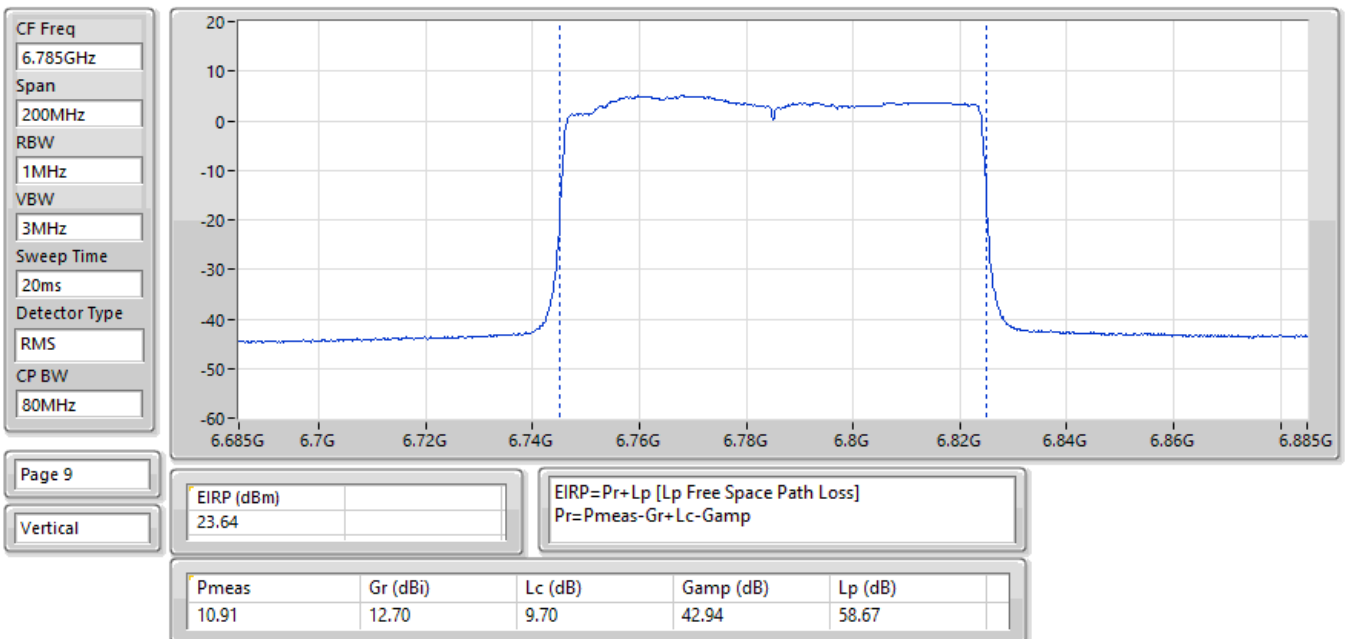
19/05/2026

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



19/05/2026

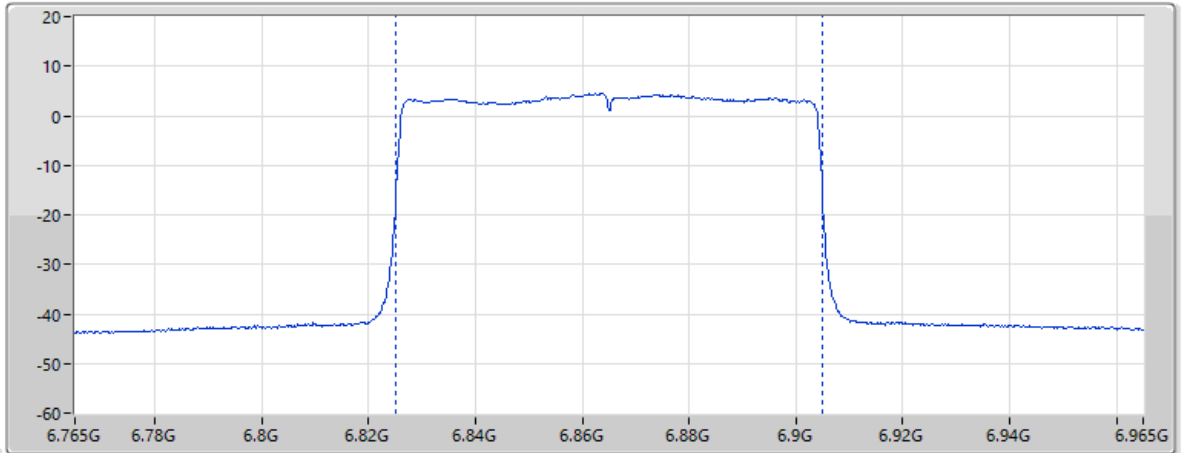
EIRP:Band:6.7G;bn80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:6785MHz;TX



19/05/2026

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

CF Freq
6.865GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
80MHz



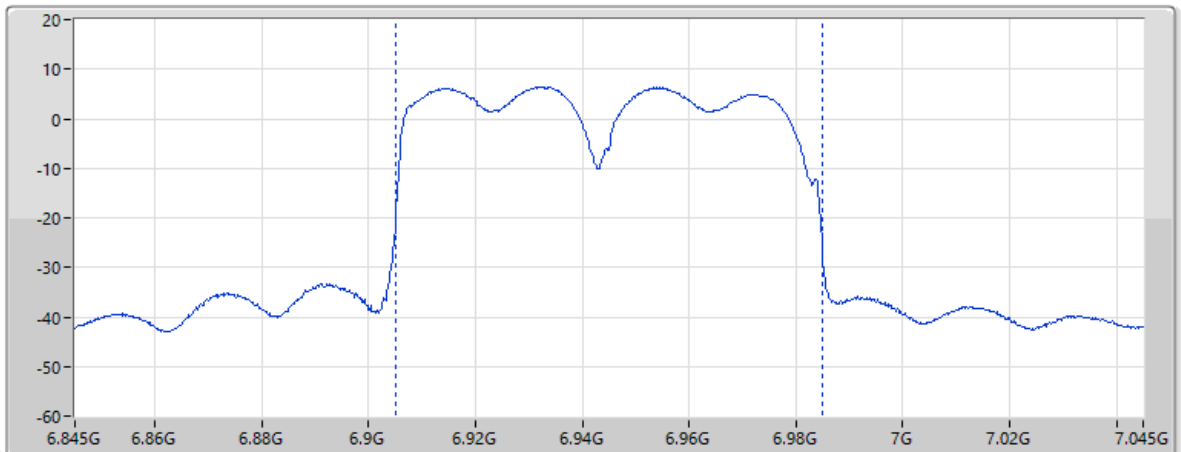
Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
23.4				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
10.34	12.58	9.77	42.91	58.78

19/05/2026

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

CF Freq
6.945GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
80MHz



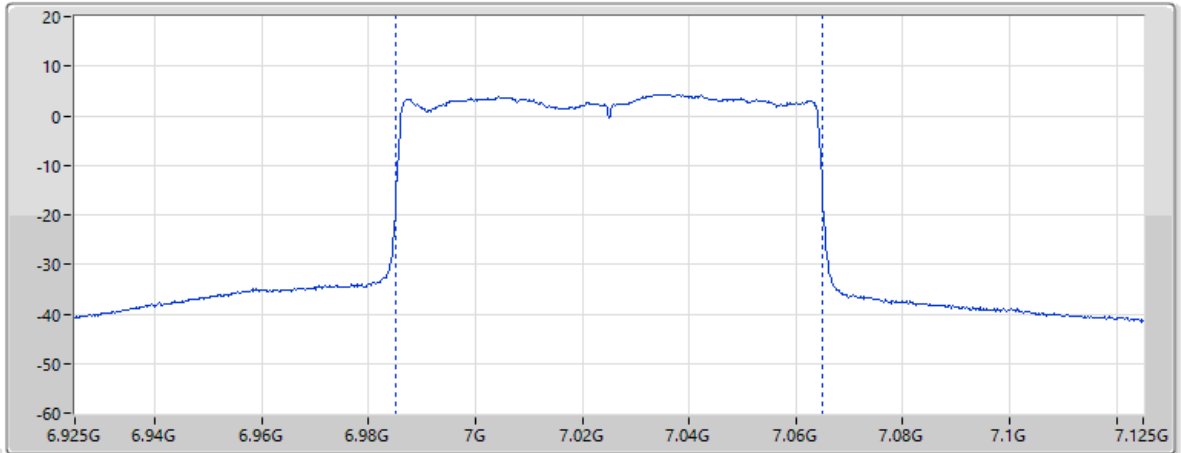
Page 9
Vertical

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)
10.02	12.12	9.84	42.87	58.88

19/05/2026

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

CF Freq
7.025GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
80MHz



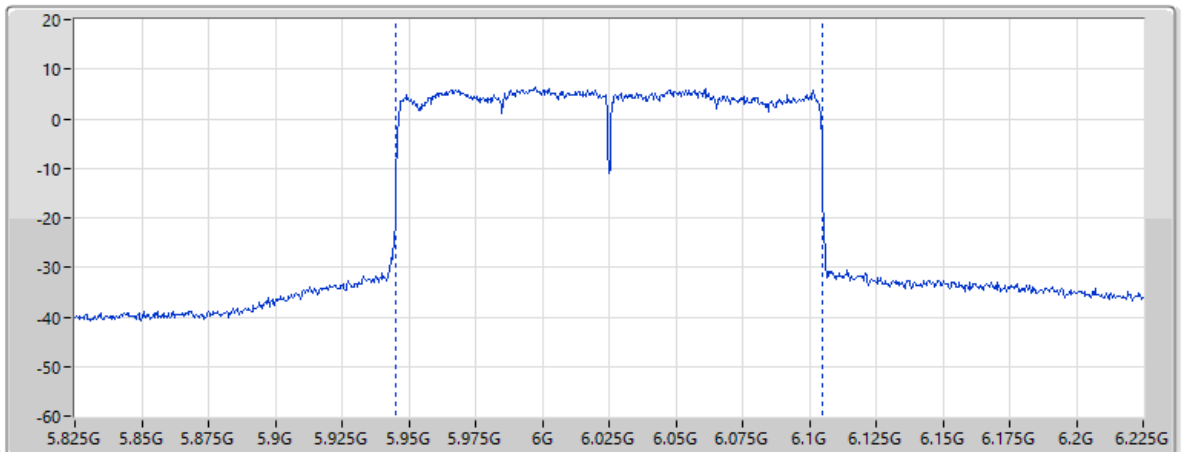
Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
22.99				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
8.91	12.00	9.93	42.83	58.98

17/04/2026

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

CF Freq
6.025GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
160MHz

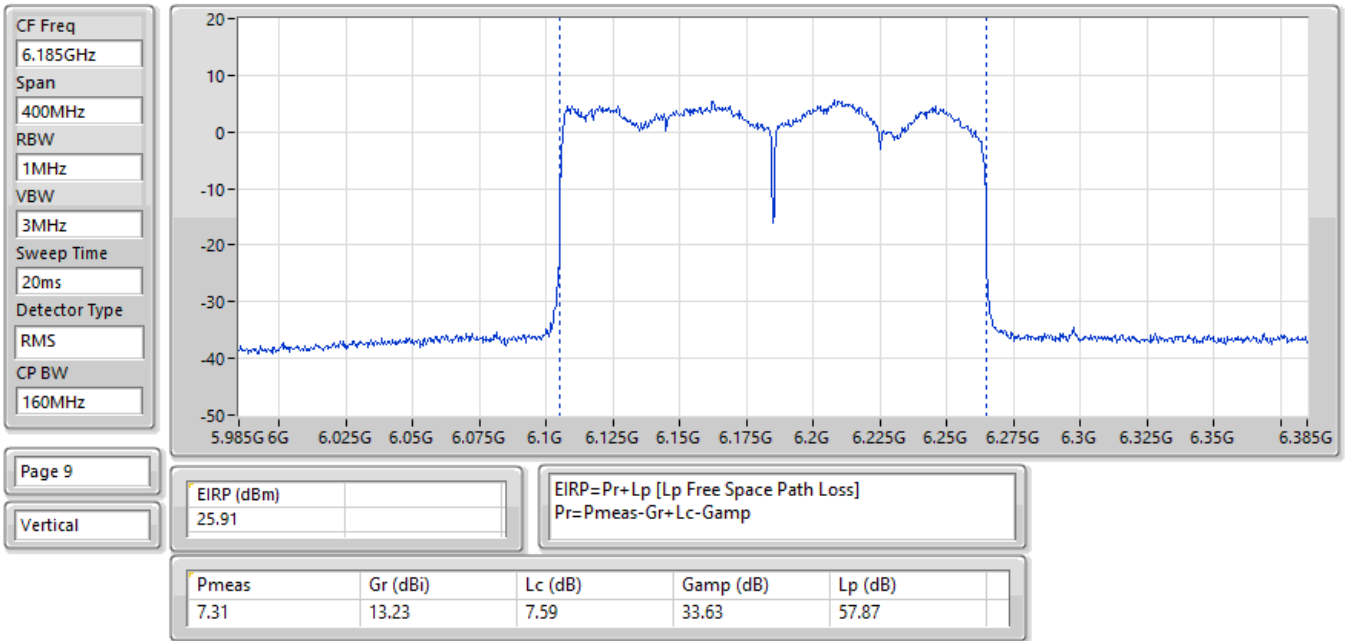


Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
27.58				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
9.38	13.40	7.69	33.73	57.64

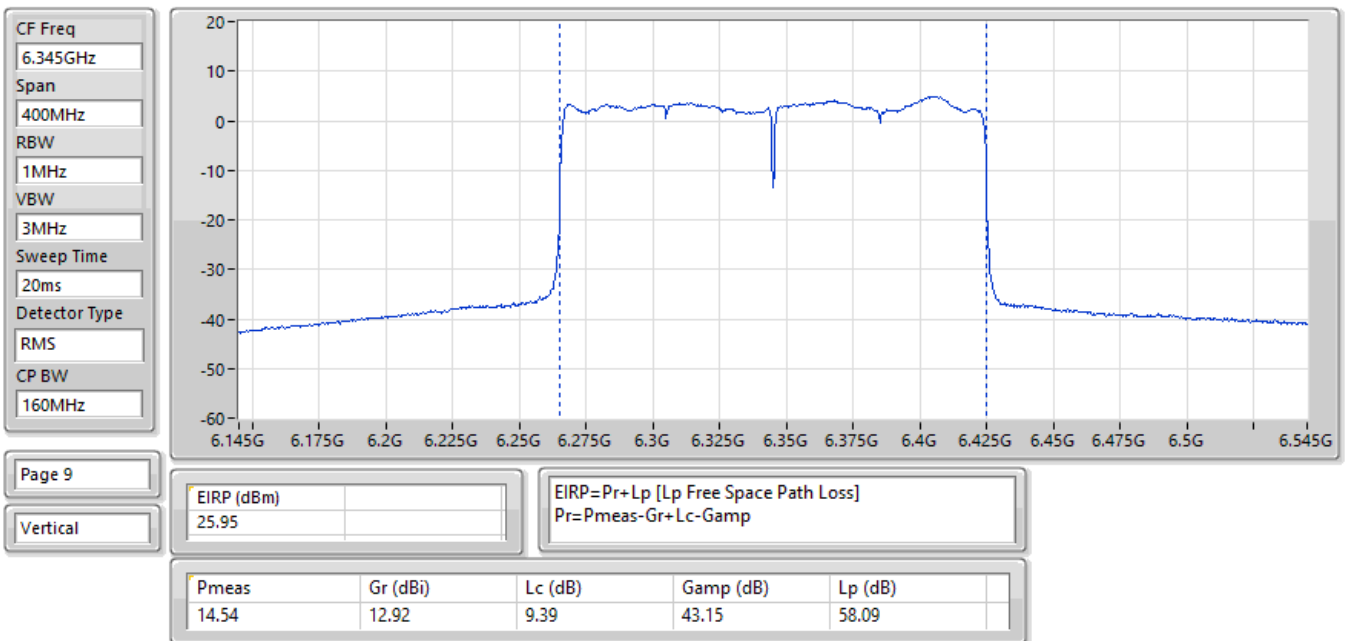
17/04/2026

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



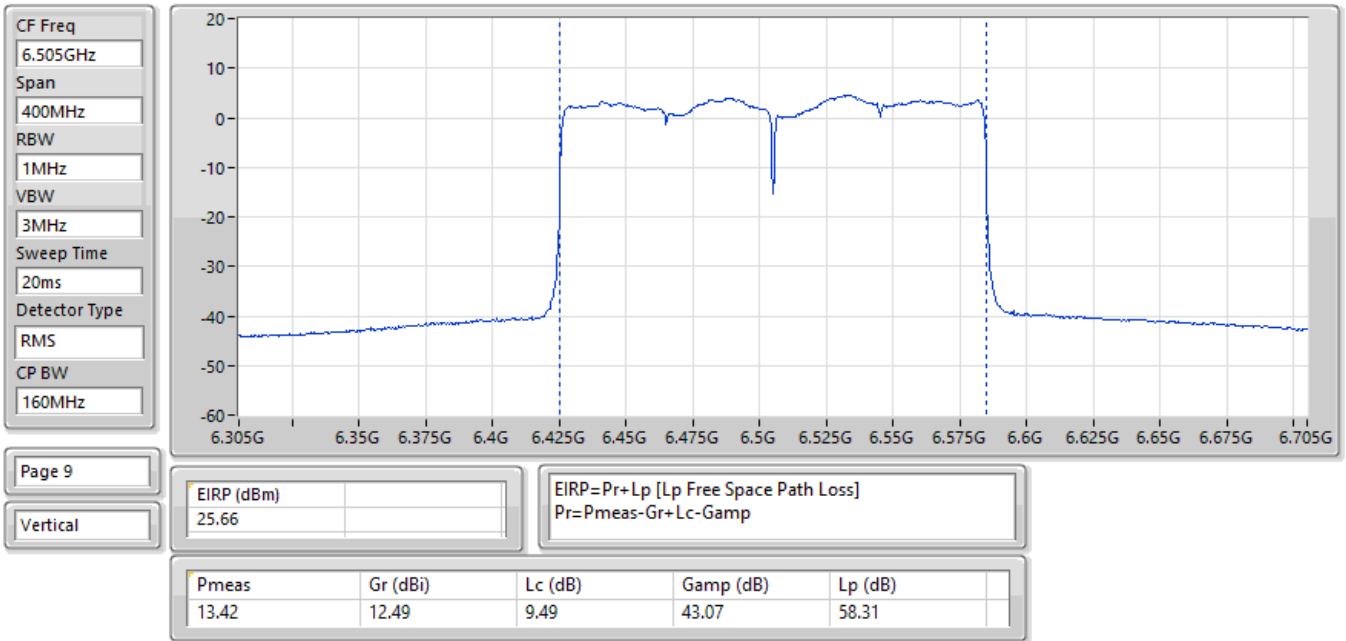
21/05/2026

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



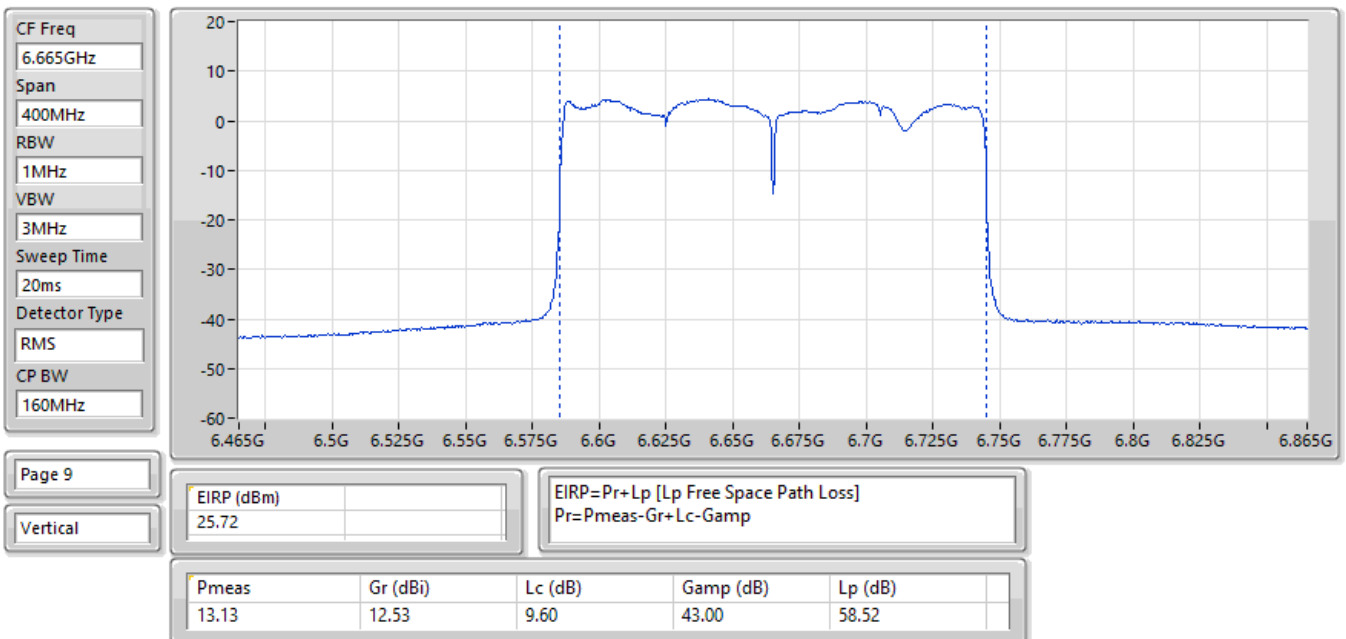
21/05/2026

EIRP;Band:6.4G;bn160,BF;BWch:160MHz;Nss:2,(M0);Nant:4;Ch:6505MHz;TX



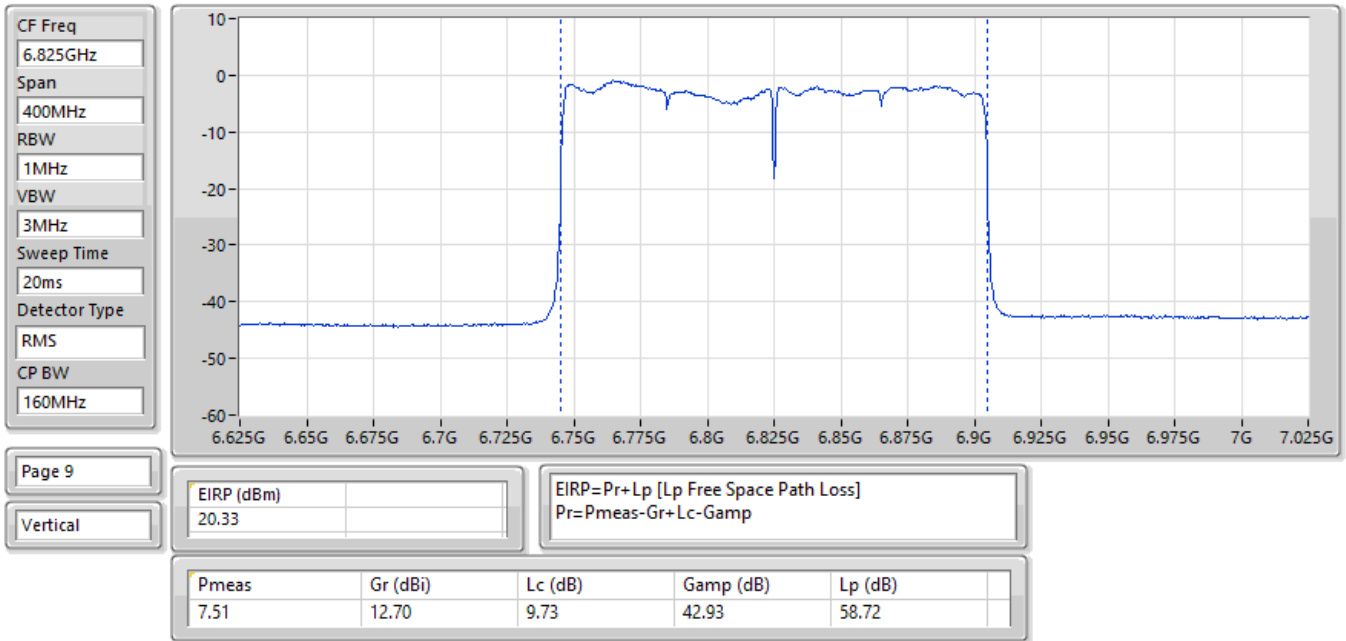
20/05/2026

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



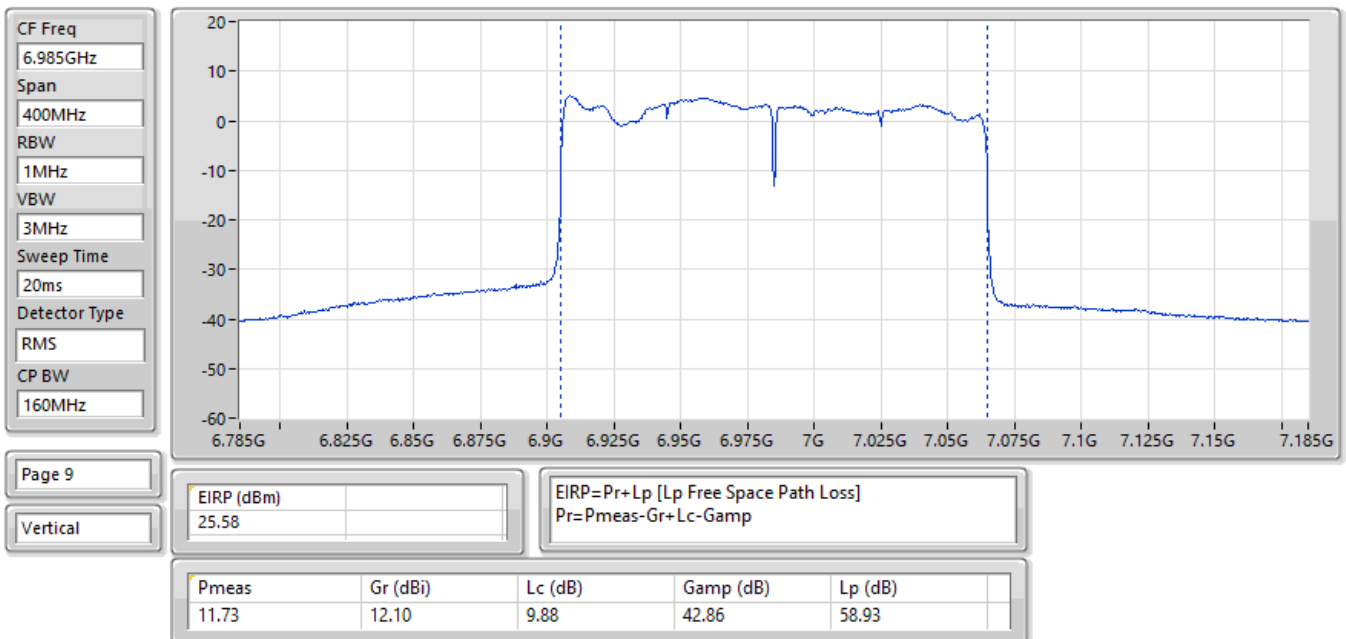
21/05/2026

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



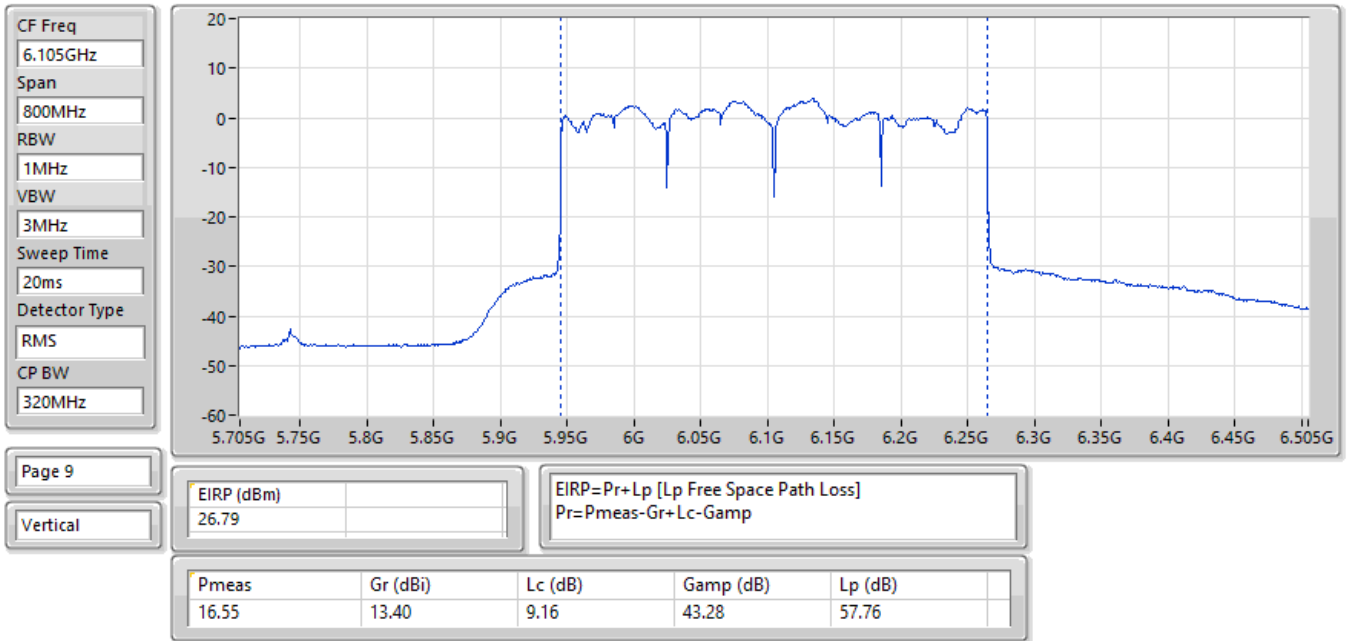
29/05/2026

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



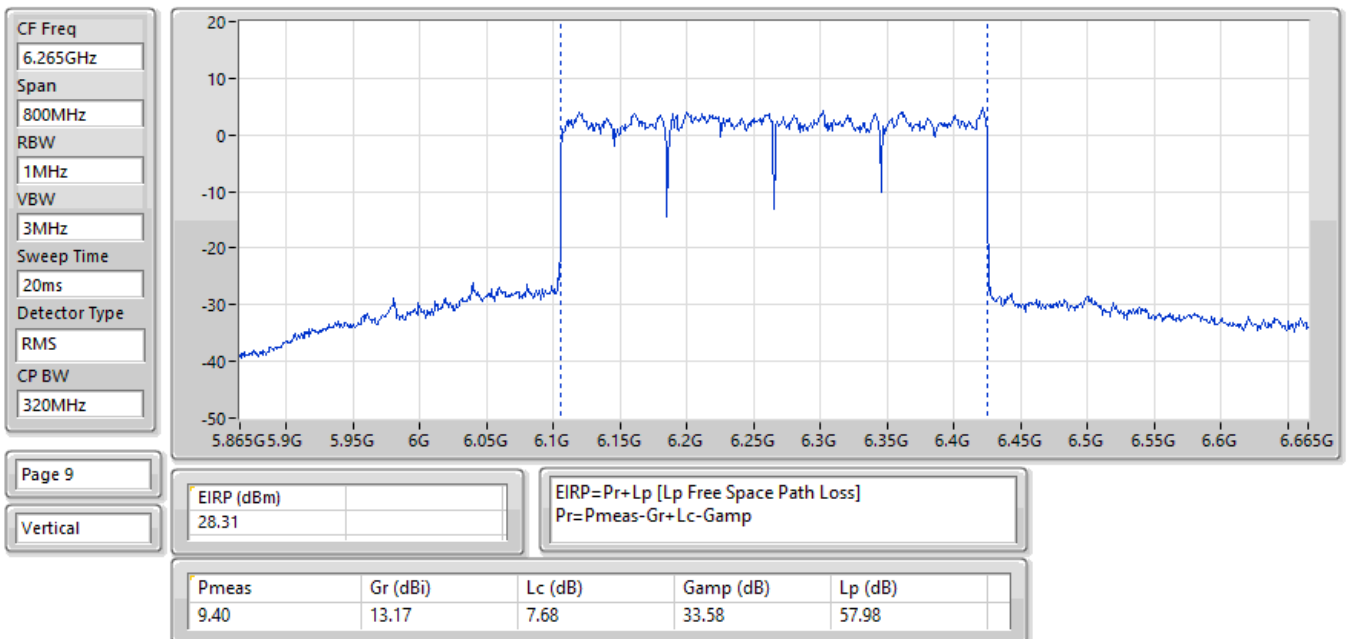
22/05/2026

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

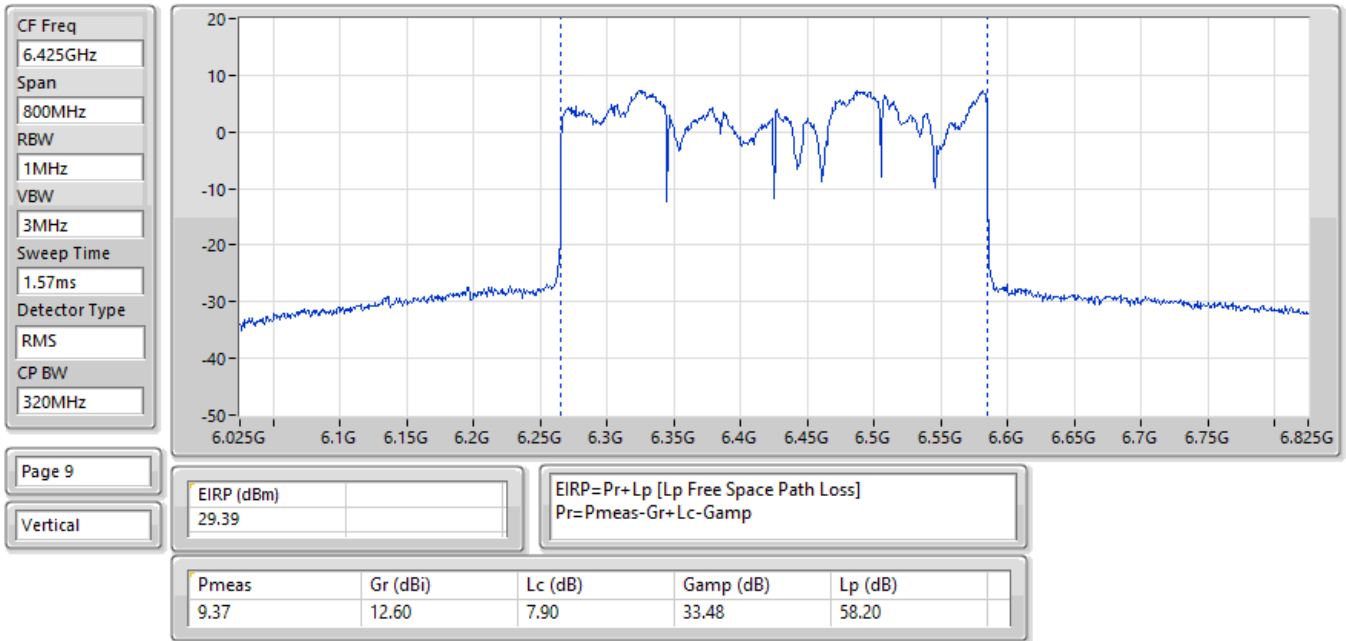


17/04/2026

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

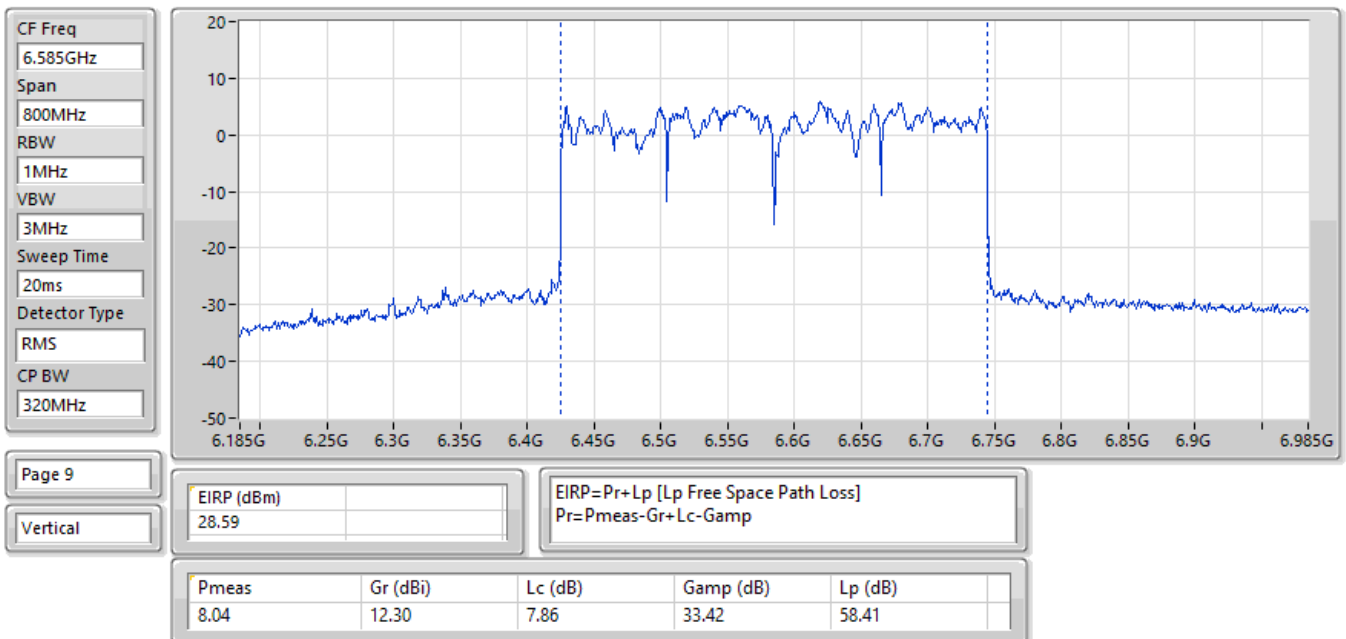


EIRP;Band:6.2G;bn320,BF;BWch:320MHz;Nss:2,(M0);Nant:4;Ch:6425MHz;TX



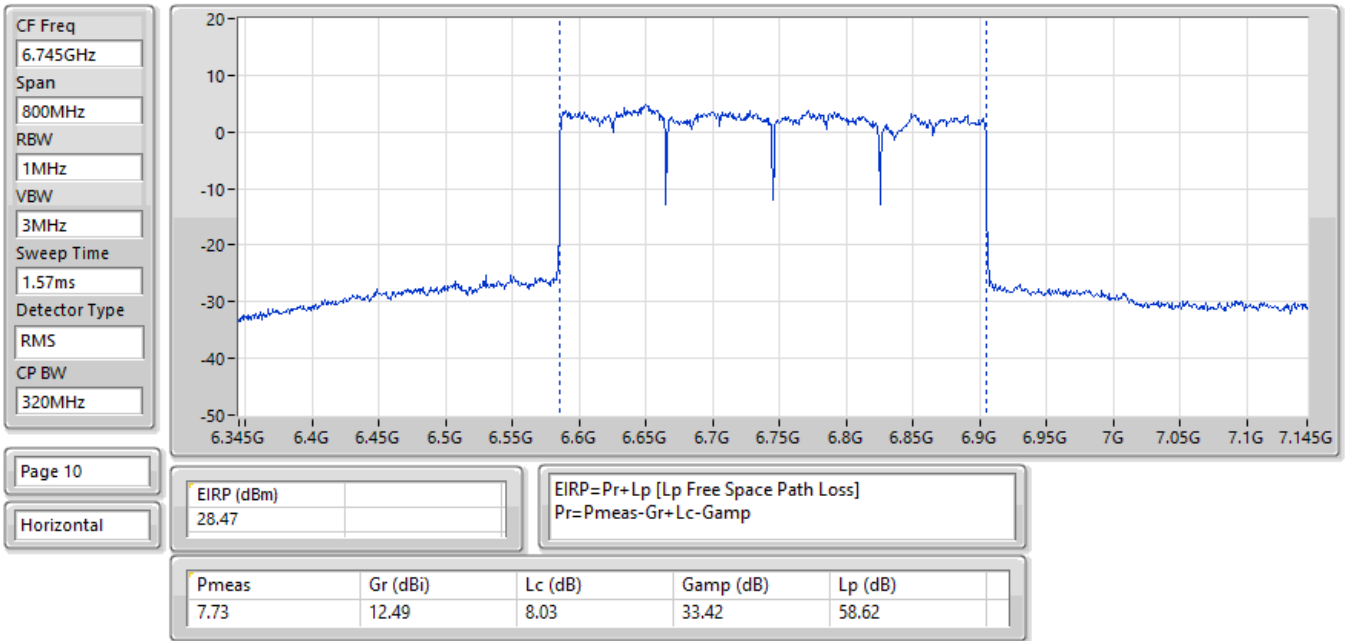
17/04/2026

EIRP;Band:6.4G;bn320,BF;BWch:320MHz;Nss:2,(M0);Nant:4;Ch:6585MHz;TX



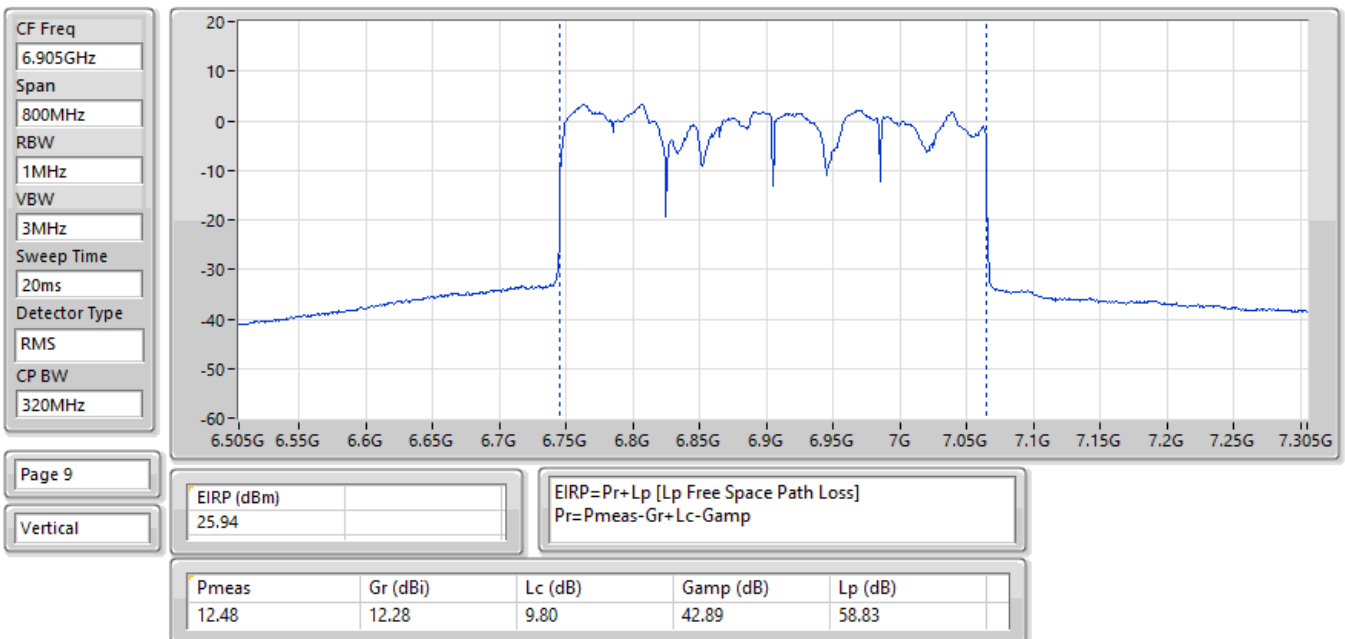
17/04/2026

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



22/05/2026

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 MRU 3_4TX	18.99	0.07925
802.11bn UHR160_Nss1,(MCS0),RU996+RU484+RU242 MRU 6_4TX	21.67	0.14689
802.11bn UHR160_Nss1,(MCS0),RU996+RU484 MRU 4_4TX	22.18	0.16520
802.11bn UHR320_Nss1,(MCS0),3xRU996+RU484 MRU 4_4TX	24.41	0.27606
802.11bn UHR320_Nss1,(MCS0),3xRU996 MRU 2_4TX	23.96	0.24889
802.11bn UHR320_Nss1,(MCS0),2xRU996+RU484 MRU 3_4TX	23.54	0.22594
6.525-6.875GHz	-	-
802.11bn UHR320_Nss1,(MCS0),3xRU996+RU484 MRU 4_4TX	23.73	0.23605
802.11bn UHR320_Nss1,(MCS0),3xRU996 MRU 2_4TX	22.53	0.17906
802.11bn UHR320_Nss1,(MCS0),2xRU996+RU484 MRU 9_4TX	23.83	0.24155
6.875-7.125GHz	-	-
802.11bn UHR80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX	19.15	0.08222
802.11bn UHR160_Nss1,(MCS0),RU996+RU484+RU242 MRU 4_4TX	20.74	0.11858
802.11bn UHR160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	20.36	0.10864

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11bn UHR80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-
5985MHz	Pass	18.99	30.00
802.11bn UHR80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX	-	-	-
7025MHz	Pass	19.15	30.00
802.11bn UHR160_Nss1,(MCS0),RU996+RU484+RU242 MRU 6_4TX	-	-	-
6025MHz	Pass	21.67	30.00
802.11bn UHR160_Nss1,(MCS0),RU996+RU484 MRU 4_4TX	-	-	-
6025MHz	Pass	22.18	30.00
802.11bn UHR160_Nss1,(MCS0),RU996+RU484+RU242 MRU 4_4TX	-	-	-
6985MHz	Pass	20.74	30.00
802.11bn UHR160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-	-	-
6985MHz	Pass	20.36	30.00
802.11bn UHR320_Nss1,(MCS0),3xRU996+RU484 MRU 4_4TX	-	-	-
6105MHz	Pass	24.41	30.00
802.11bn UHR320_Nss1,(MCS0),3xRU996 MRU 2_4TX	-	-	-
6105MHz	Pass	23.96	30.00
802.11bn UHR320_Nss1,(MCS0),2xRU996+RU484 MRU 3_4TX	-	-	-
6105MHz	Pass	23.54	30.00
802.11bn UHR320_Nss1,(MCS0),3xRU996+RU484 MRU 4_4TX	-	-	-
6905MHz	Pass	23.73	30.00
802.11bn UHR320_Nss1,(MCS0),3xRU996 MRU 2_4TX	-	-	-
6905MHz	Pass	22.53	30.00
802.11bn UHR320_Nss1,(MCS0),2xRU996+RU484 MRU 9_4TX	-	-	-
6905MHz	Pass	23.83	30.00

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

25/05/2026

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

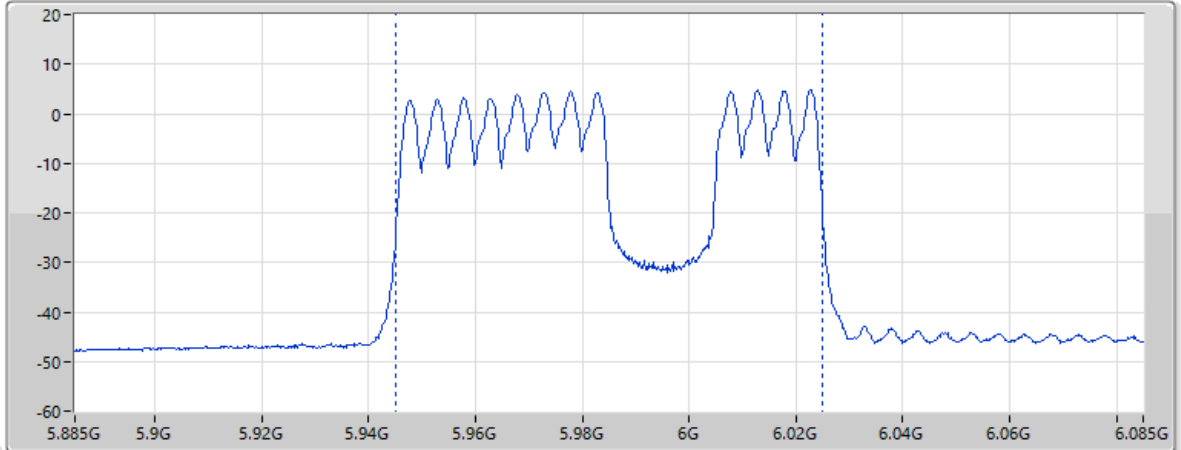
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
80MHz



Page 9

Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
18.99		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
9.03	13.30	9.03	43.35	57.58

25/05/2026

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

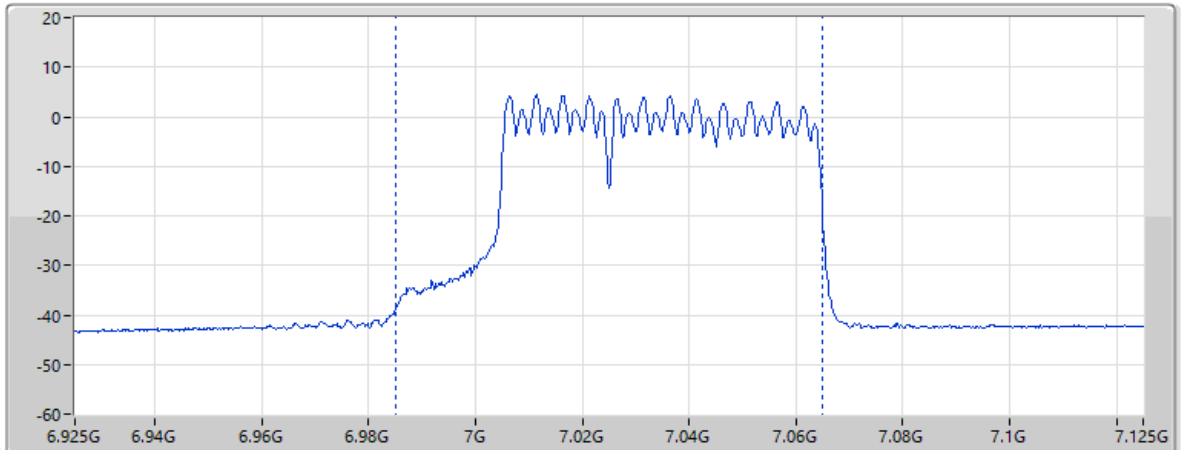
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
80MHz



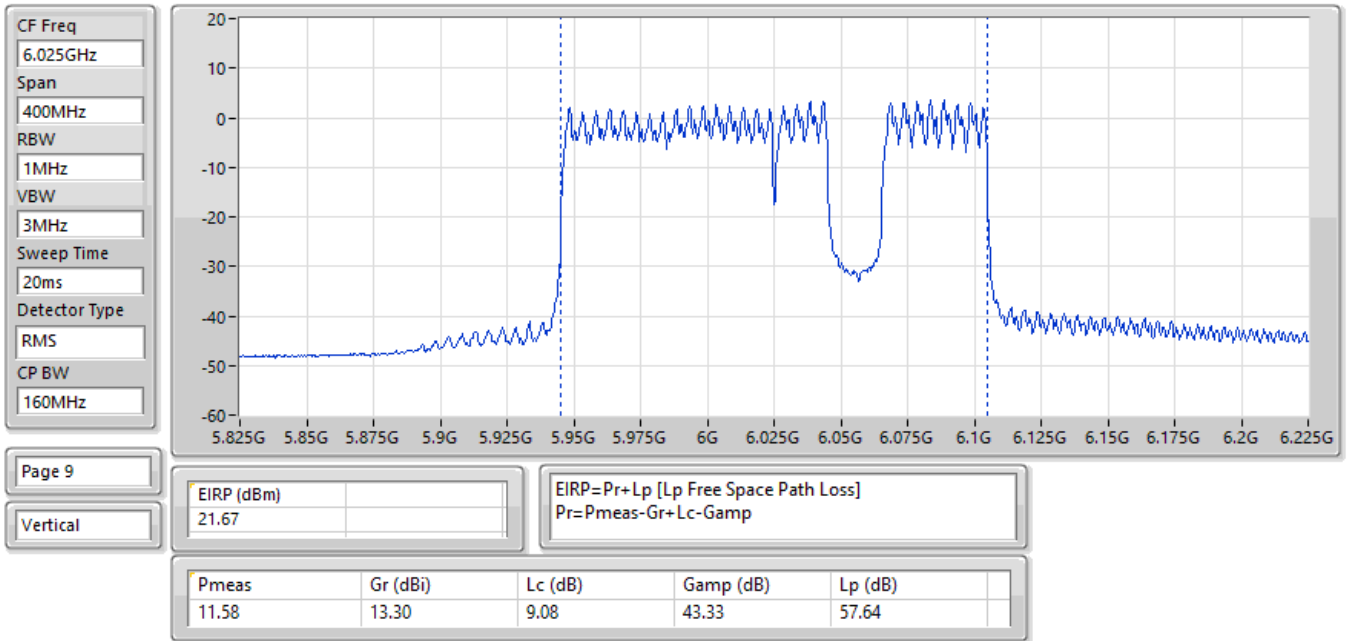
Page 9

Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
19.15		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
5.07	12.00	9.93	42.83	58.98

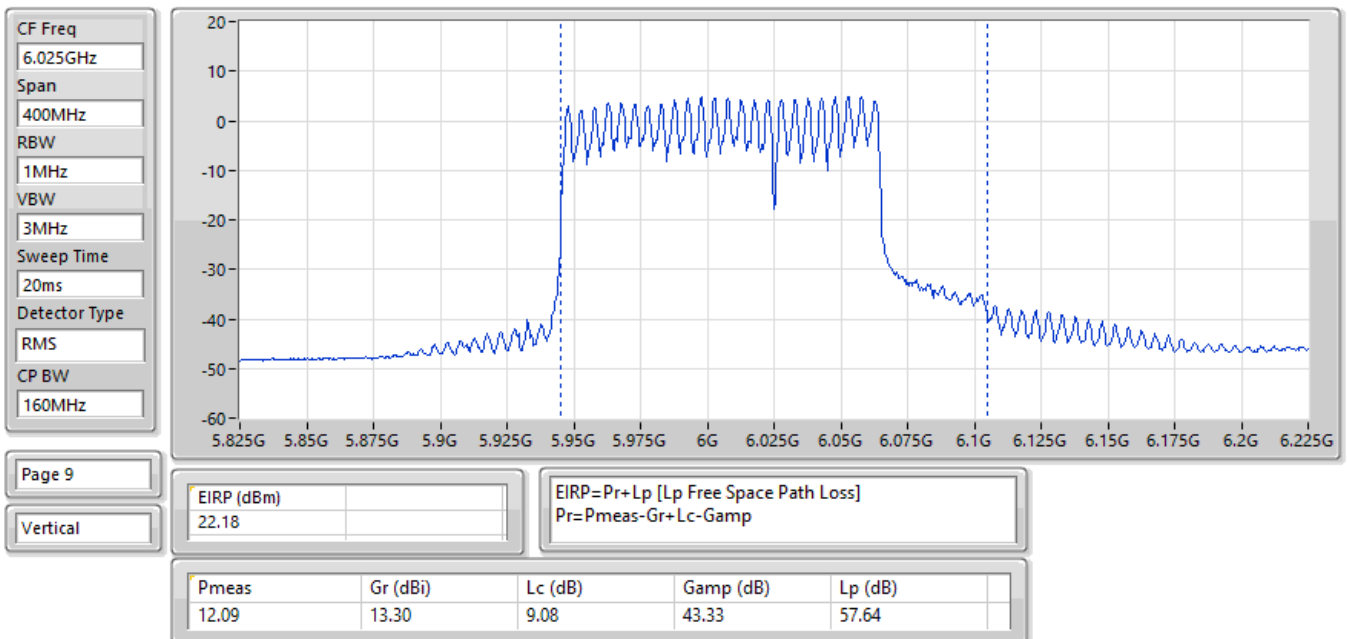
25/05/2026

EIRP;Band:6.2G;bn160;BWch:160MHz;Nss:1,(M0),RU996+RU484+RU242 MRU 6;Nant:4;Ch:6025MHz;TX



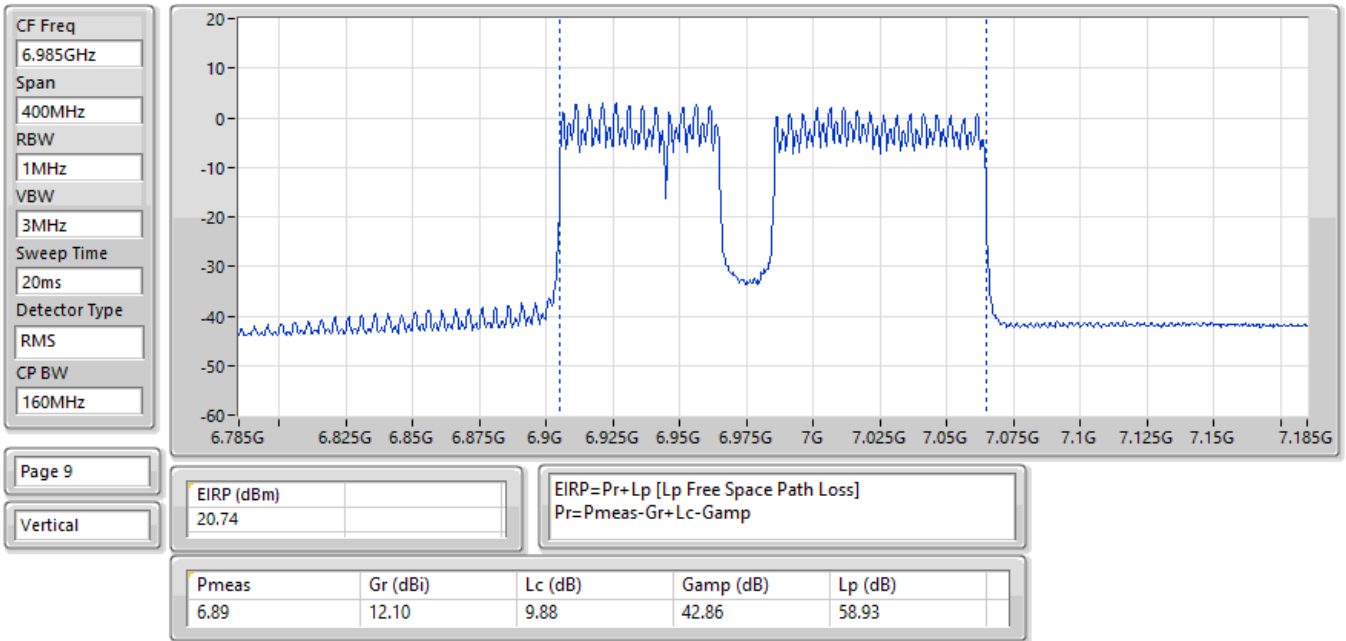
25/05/2026

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



25/05/2026

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



25/05/2026

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

