

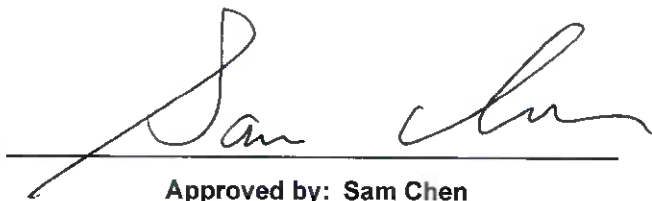


RADIO TEST REPORT

FCC ID : 2AHBN-AP17
Equipment : Wi-Fi 7 Wireless Access Point
Brand Name : Juniper
Model Name : AP17
Applicant : Juniper Networks, Inc.
1133 Innovation Way Sunnyvale, California 94089 USA
Manufacturer : Juniper Networks, Inc.
1133 Innovation Way Sunnyvale, California 94089 USA
Standard : 47 CFR FCC Part 15.407

The product was received on Oct. 21, 2025, and testing was started from Oct. 21, 2025 and completed on Jan. 03, 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 Isotropically Radiated Power (E.I.R.P.)	PASS	-
-	15.407(a)	Proper Power Adjustment	N/A	Non-Dual Client Device / non-Standard Client Device w/o test
-	15.407(a)	Transmit Power Control	N/A	Non-Very Low Power Device w/o test
3.4	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
3.6	15.407(d)	Contention-Based Protocol	PASS	-

Conformity Assessment Condition:

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

Disclaimer:

1. 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.
2. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.

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)	5955-7095	1-229 [58]
5925-7125	ax (HEW40), be (EHT40)	5965-7085	3-227 [29]
5925-7125	ax (HEW80), be (EHT80)	5985-7025	7-215 [14]
5925-7125	ax (HEW160), be (EHT160)	6025-6985	15-207 [7]
5925-7125	be (EHT320)	6105-6905	31-191 [6]

For Radio 0:

Band	Mode	BWch (MHz)	Nant
5.925-7.125GHz	802.11 ax HEW20, 802.11 be EHT20	20	2TX
	802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2TX
	802.11 ax HEW40, 802.11 be EHT40	40	2TX
	802.11 ax HEW40-BF, 802.11 be EHT40-BF	40	2TX
	802.11 ax HEW80, 802.11 be EHT80	80	2TX
	802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2TX
	802.11 ax HEW160, 802.11 be EHT160	160	2TX
	802.11 ax HEW160-BF, 802.11 be EHT160-BF	160	2TX
	802.11 be EHT320	320	2TX
	802.11 be EHT320-BF	320	2TX

For Scanning Radio 3:

Band	Mode	BWch (MHz)	Nant
5.925-7.125GHz	802.11 a	20	1TX

MRU (static preamble puncturing)
For Multi RU/Puncturing:

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

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

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

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.
- ♦ BWch is the nominal channel bandwidth.

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

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


1.1.3 Antenna Information

Ant.	RF Port	Brand Name	Model Name	Ant. Type	Connector	Gain (dBi)	Modes of Operation
1	1	Juniper	AP17	PIFA	I-PEX	Note 1	WLAN 2.4GHz (Radio 2)
2	2	Juniper	AP17	PIFA	I-PEX		WLAN 5GHz UNII 1-3 (Radio 1)
3	1	Juniper	AP17	PIFA	I-PEX		WLAN 6GHz UNII 5-8 (Radio 0) IEEE 802.15.4 (Radio 4)
4	2	Juniper	AP17	PIFA	I-PEX		WLAN 6GHz UNII 5-8 (Radio 0) Bluetooth (Radio 4)
5	1	Juniper	AP17	PIFA	I-PEX		WLAN 2.4GHz WLAN 5GHz UNII 1-3 WLAN 6GHz UNII 5-8 (Radio 3)

Note 1:

NOTE 1:

Ant.	Antenna Gain (dBi)										
	WLAN 2.4GHz (Radio 2)			WLAN 5GHz UNII 1-3 (Radio 1)							
	2.45GHz			5.2GHz		5.3GHz		5.6GHz		5.785GHz	
1	2.20			3.25		2.86		3.52		3.57	
2	2.46			3.43		3.43		3.09		3.11	
Ant.	WLAN 6GHz UNII 5-8 (Radio 0)					Bluetooth (Radio 4)		IEEE 802.15.4 (Radio 4)			
	6.175GHz		6.475GHz	6.695GHz	6.995GHz						
3	4.46		3.21	4.02	4.34		-		3.8		
4	5.41		5.51	4.75	4.05		3.4		-		
Ant.	Scanning radio (Radio 3)										
	2.45GHz		5.2GHz	5.3GHz	5.6GHz	5.785GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz	
5	2.75		2.98	2.89	3.07	2.33	2.96	4.13	2.21	4.07	

Directional Gain (dBi)									
Item	WLAN 2.4GHz (Radio 2)	WLAN 5GHz UNII 1-3 (Radio 1)				WLAN 6GHz UNII 5-8 (Radio 0)			
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
2T1S	2.67	4.49	5.19	5.54	5.67	7.13	7.06	7.32	6.06
2T2S	2.46	3.43	3.43	3.52	3.57	5.41	5.51	4.75	4.34

Note 2: The above information (excepting Ant. 1-5 antenna (WLAN) gain and directional gain) was declared by Manufacturer.



Note 3: Radio 0~2: Maximum Directional Gain following KDB662911 D03.

Note 4: **For Radio 0:**

6GHz (UNII 5-8) IEEE 802.11ax/be mode (2TX/2RX)

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 1:

5GHz (UNII 1-3) IEEE 802.11a/n/ac/ax/be mode (2TX/2RX)

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 2:

2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (2TX/2RX)

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 3 (Scanning radio):

2.4GHz IEEE 802.11b/g mode (1TX/1RX)

5GHz (UNII 1-3) IEEE 802.11a mode (1TX/1RX)

6GHz (UNII 5-8) IEEE 802.11a mode (1TX/1RX)

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

For Radio 4:

Bluetooth and IEEE 802.15.4 mode (1TX/1RX)

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

**1.1.4 Mode Test Duty Cycle****For Full RU****For Radio 0****Non-beamforming Mode**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss 1,(M0)	0.978	0.1	1.498m	1k
802.11be EHT40_Nss 1,(M0)	0.959	0.18	782.5u	3k
802.11be EHT80_Nss 1,(M0)	0.941	0.26	425u	3k
802.11be EHT160_Nss 1,(M0)	0.899	0.46	290u	10k
802.11be EHT320_Nss 1,(M0)	0.825	0.84	158.75u	10k

Beamforming Mode

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF	0.95	0.22	2.96m	1k
802.11be EHT40-BF	0.95	0.22	4.4m	300
802.11be EHT80-BF	0.957	0.19	4.17m	300
802.11be EHT160-BF	0.938	0.28	4.835m	300
802.11be EHT320-BF	0.912	0.4	5.265m	300

For Scanning Radio 3:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss 1,(6D)	0.814	0.89	128.5u	10k

For Multi_RU/Puncturing**For Radio 0**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.967	0.15	1m	1k
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242	0.968	0.14	1m	1k
802.11be EHT160_Nss 1,(M0),RU996+RU484	0.968	0.14	1m	1k
802.11be EHT320_Nss 1,(M0),3xRU996+RU484	0.968	0.14	1m	1k
802.11be EHT320_Nss 1,(M0),3xRU996	0.967	0.15	1m	1k
802.11be EHT320_Nss 1,(M0),2xRU996+RU484	0.969	0.14	1m	1k

Note:

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



1.1.5 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for Radio 0 (ax/be in 6GHz) and Radio 1 (n/ac/ax/be in 5GHz), Radio 2 (n/VHT/ax/be in 2.4GHz).			
Device Type	☒	Indoor Access Point	☐	Subordinate
	☐	Indoor Client	☐	Standard Power Access Point
	☐	Dual Client	☐	Standard Client
	☐	Fixed Client	☐	Very Low Power
Condition of EUT	☒	Indoor	☐	Outdoor
Channel Puncturing Function	☒	Supported Static Puncturing for Radio 0		
	☐	Supported Dynamic Puncturing (Reduce BW)		
	☒	Unsupported for Scanning Radio 3		
	Note: The EUT doesn't support puncturing for CBP			
Support RU	☒	Full RU for Radio 0 and Scanning Radio 3	☒	Partial RU for Radio 0
Test Software Version	For Radiated Emission Co-location: DOS [ver 6.1.7601] For others: accessMTool(version_3_3_0_8)			
Software / Firmware Version for CBP	wp-naerys-dfs-0.15.2126-13d9c32d2			

Note: The above information was declared by manufacturer.

1.1.6 Table for Radio Function

Function Radio	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth	IEEE 802.15.4
0	-	-	V	-	-
1	-	V	-	-	-
2	V	-	-	-	-
3 (Scanning radio)	V	V	V	-	-
4	-	-	-	V	V

Note 1: For WLAN 2.4GHz: The Radio 2 and Radio 3 (Scanning radio) can't operate at the same frequency simultaneously.

For WLAN 5GHz: The Radio1 and Radio 3 (Scanning radio) can't operate at the same frequency simultaneously.

For WLAN 6GHz: The Radio 0 and Radio 3 (Scanning radio) can't operate at the same frequency simultaneously.

Note 2: The above information was declared by manufacturer.



1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (For other tests)	TH01-CB	Gino Huang	20.2~21.7 / 60~61	Nov. 13, 2025~ Nov. 24, 2025
RF Conducted (Multi_RU/Puncturing)				Dec. 18, 2025~ Dec. 23, 2025
Radiated (below 1GHz)	10CH01-CB	Richard Pai	23~24 / 56~57	Dec. 19, 2025
Radiated (above 1GHz and E.I.R.P. Power/PSD)	03CH01-CB 03CH02-CB 03CH04-CB 03CH06-CB	Stim Sung	21.3~22.3 / 58~61 21.5~23.3 / 58~61 21.4~22.6 / 57~61 21.9~23.1 / 60~62	Oct. 21, 2025~ Nov. 23, 2025
Radiated (Multi_RU/Puncturing)				Dec. 18, 2025
Radiated (co-location)	03CH06-CB	George Fan	21.9~23.1 / 60~62	Jan. 02, 2026~ Jan. 03, 2026
AC Conduction	CO02-CB	Tim Chen	23~24 / 58~60	Dec. 23, 2025
RF Conducted (Contention-Based Protocol test)	DF02-CB	KJ Chang	19.8~20.3 / 63~66	Dec. 16, 2025~ Jan. 02, 2026



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 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%



2 Test Configuration of EUT

2.1 Test Channel Mode

For Full RU

For Radio 0

Non-beamforming Mode

Mode
802.11be EHT20_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11be EHT40_Nss1,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80_Nss1,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz



Mode
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160_Nss1,(MCS0)_2TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320_Nss1,(MCS0)_2TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz

Beamforming Mode

Mode
802.11be EHT20-BF_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
5965MHz
6205MHz



Mode
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80-BF_Nss1,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160-BF_Nss1,(MCS0)_2TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320-BF_Nss1,(MCS0)_2TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz

**For Scanning Radio 3**

Mode
802.11a_Nss1,(6Mbps)_1TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz

**For Multi_RU/Puncturing
For Radio 0**

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_2TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_2TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 3_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_2TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX
6985MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 1_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 1_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 10_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 4_2TX
6905MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 2_2TX
6905MHz



Mode
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 10_2TX
6905MHz

Note:

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

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	WLAN: Normal Link / Bluetooth: CTX / 802.15.4: CTX or CRX
1	EUT_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth+PoE 1
2	EUT_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth+PoE 1
3	EUT_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: Bluetooth+PoE 1
Mode 2 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4~5 will follow this same test mode.	
4	EUT_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: IEEE 802.15.4(TX)+PoE 1
5	EUT_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: IEEE 802.15.4(RX)+PoE 1
For operating mode 2 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Contention Based Protocol
Test Condition	Conducted measurement at transmit chains
1	R0
2	R3

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)
Test Condition	Radiated measurement
	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_R0
Test Condition	Conducted measurement at transmit chains
2	R3



The Worst Case Mode for Following Conformance Tests	
Tests Item	Peak Power Spectral Density (E.I.R.P.)
Test Condition	Radiated measurement
	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_R0_Full RU
Test Condition	Conducted measurement at transmit chains
2	R3
Test Condition	Radiated measurement
	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.
3	EUT in Y axis_R0_Multi_RU/Puncturing

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement
	If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	WLAN: Normal Link / Bluetooth: CTX / 802.15.4: CTX or CRX
	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_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth+PoE 1
2	EUT in Y axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth+PoE 1
3	EUT in Y axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: Bluetooth+PoE 1
Mode 2 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4~5 will follow this same test mode.	
4	EUT in Y axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: IEEE 802.15.4(TX) +PoE 1
5	EUT in Y axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: IEEE 802.15.4(RX) +PoE 1
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	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_R0_Full RU
2	EUT in Y axis_R3
3	EUT in Y axis_R0_Multi_RU/Puncturing



The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission MASK
Test Condition	Conducted measurement at transmit chains
1	R0_Full RU
2	R3
3	R0_Multi_RU/Puncturing

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
	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.
Operating Mode	WLAN&802.15.4: Normal Link / Bluetooth: CTX
1	EUT in Y axis_R0: 6GHz+R4: Bluetooth
2	EUT in Y axis_R1: 5GHz+R2: 2.4GHz
3	EUT in Y axis_R0: 6GHz+R4: IEEE 802.15.4
For operating mode 2 is the worst case and it was record in this test report.	
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth
2	R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth
3	R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: Bluetooth
4	R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: IEEE 802.15.4
5	R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: IEEE 802.15.4
6	R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: IEEE 802.15.4
Refer to Sporton Test Report No.: FA5N0608 for Co-location RF Exposure Evaluation.	

Note1: R means Radio.

Note2: The PoE is used for testing purpose; it will not be sold with the EUT

Power	Brand Name	Model Name
PoE 1	PHIHONG	POE60U-BTA
PoE 2	PHIHONG	POE60U-1BT-5

Note3: 6-pin connector port was used for debugging by the manufacturer only.



2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Bracket*1

2.5 Support Equipment

For AC Conduction and Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE 1	PHIHONG	POE60U-BTA	N/A
B	10G ETH0/PD PC	ASUS	S300TA	TX2-RTL8821CE
C	PSE Device	Juniper	AP17	2AHBN-AP17
D	PSE Device NB	Lenovo	X260	N/A
E	ETH2 NB	Lenovo	X260	N/A
F	5G NB	Lenovo	X260	N/A
G	2.4G NB	Lenovo	X260	N/A
H	6G Device	Juniper	AP17	2AHBN-AP17
I	6G Device NB	Lenovo	X260	N/A

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

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE 2	PHIHONG	POE60U-1BT-5	N/A

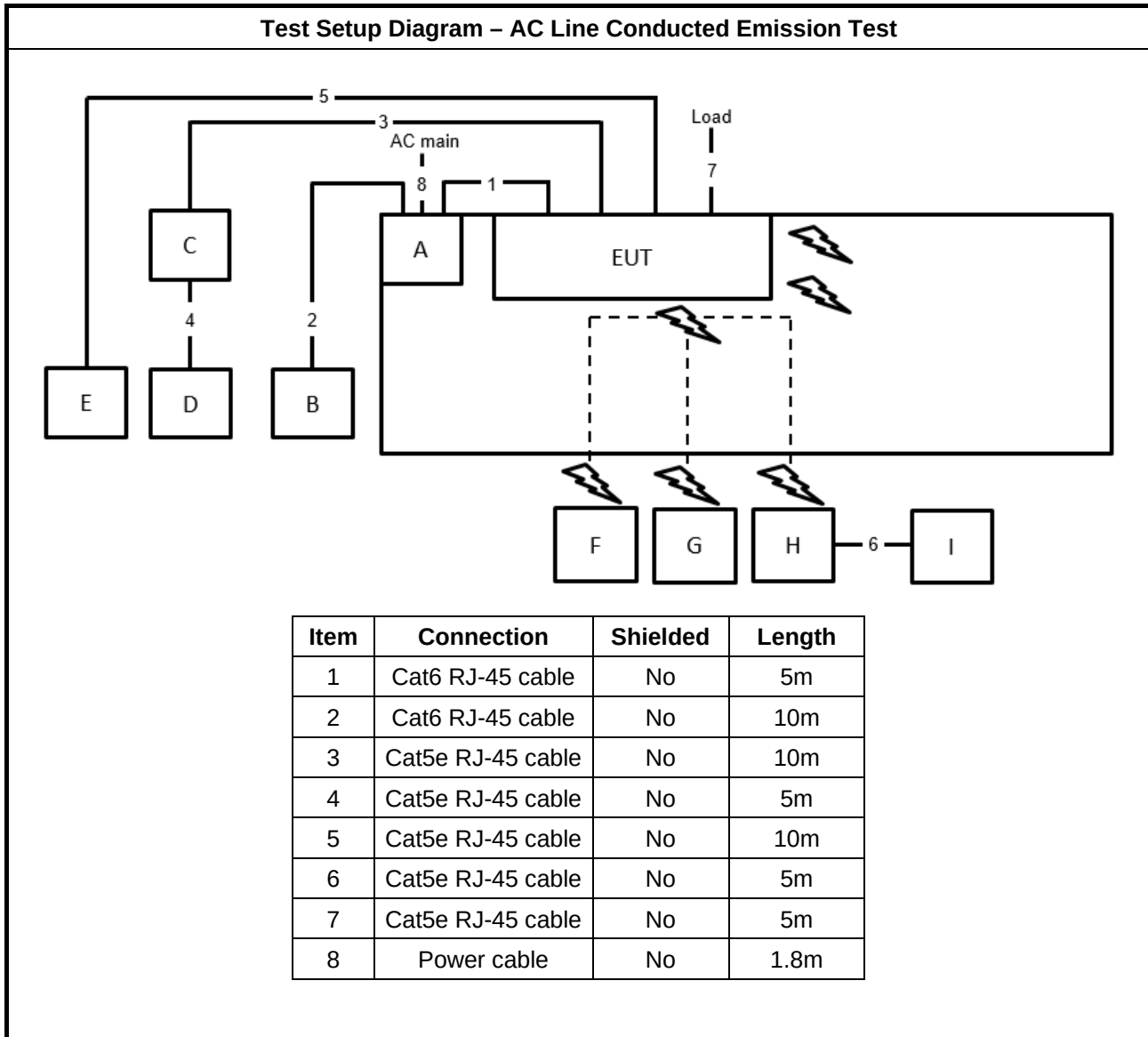
For RF Conducted (Contention Based Protocol test):

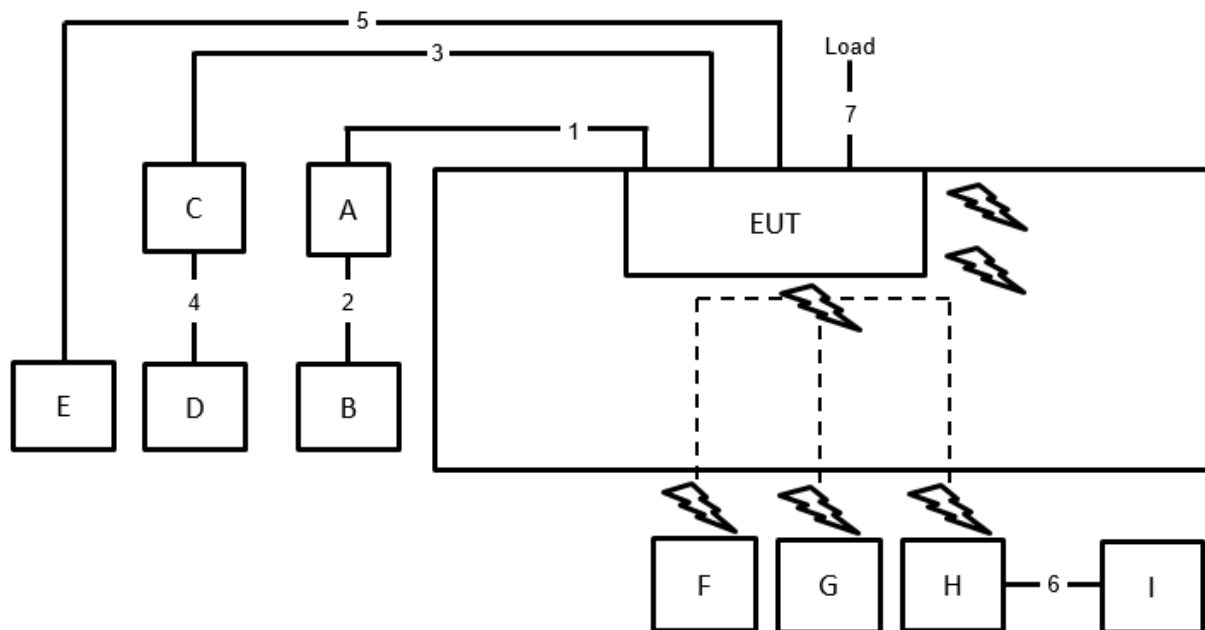
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	WLAN module	Qualcomm	QCNCM865	I4L-QCNCM865
C	PoE 1	PHIHONG	POE60U-BTA	N/A

**For Radiated (Emission Co-location):**

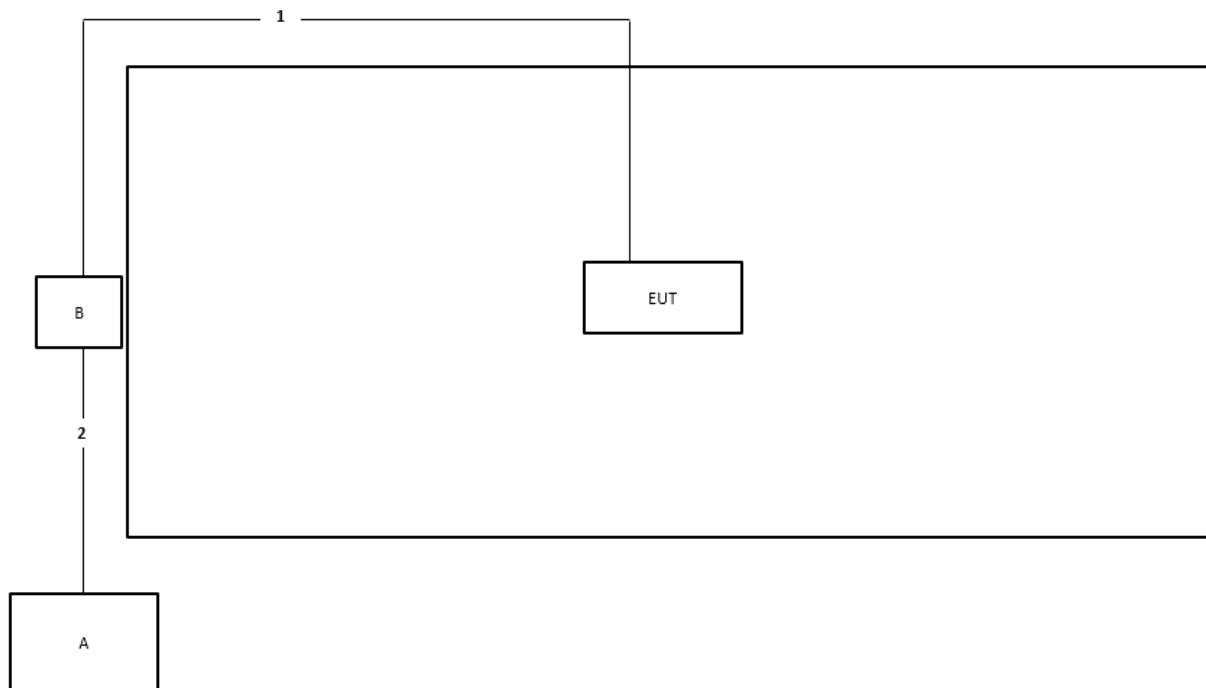
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	10G PC	ASUS	S300TA	N/A
B	PoE 2	PHIHONG	POE60U-1BT-5	N/A
C	PSE Device	Juniper	AP17	2AHBN-AP17
D	PSE Device NB	Lenovo	X260	N/A
E	ETH 2 NB	DELL	E4300	N/A
F	5G NB	DELL	E4300	N/A
G	2.4G NB	DELL	E4300	N/A

2.6 Test Setup Diagram

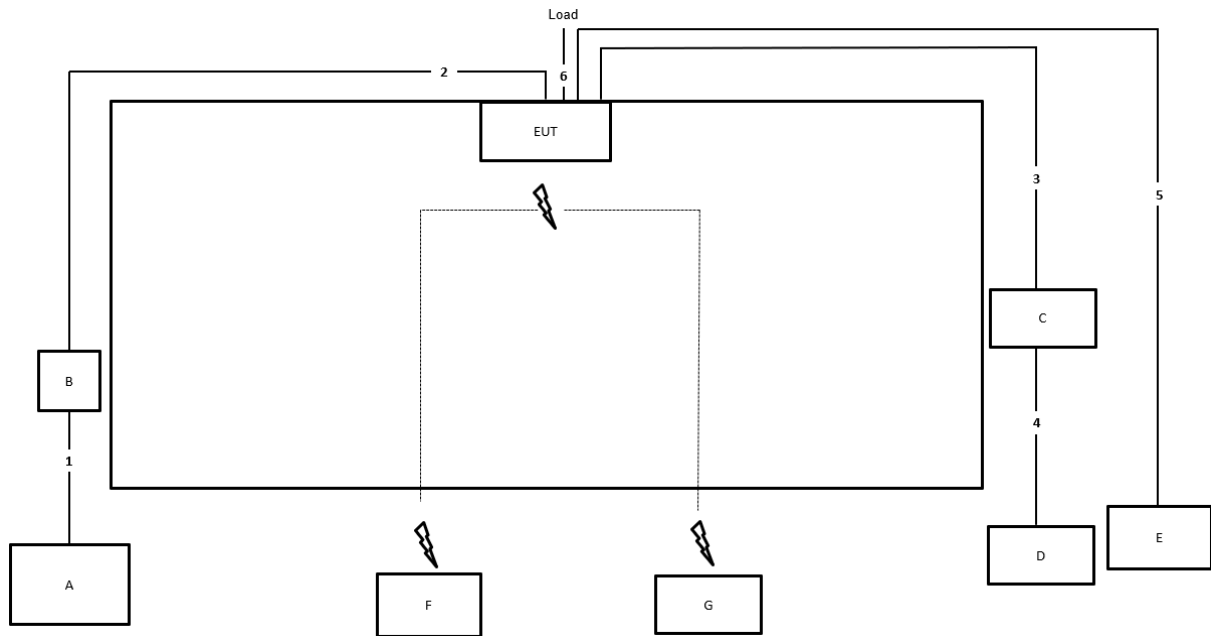


Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	Cat6 RJ-45 cable	No	10m
2	Cat6 RJ-45 cable	No	5m
3	Cat5e RJ-45 cable	No	10m
4	Cat5e RJ-45 cable	No	5m
5	Cat5e RJ-45 cable	No	10m
6	Cat5e RJ-45 cable	No	5m
7	Cat5e RJ-45 cable	No	5m

Test Setup Diagram - Radiated Test > 1GHz


Item	Connection	Shielded	Length
1	Cat6 RJ-45 cable	No	10m
2	Cat6 RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Emission Co-location Test


Item	Connection	Shielded	Length
1	Cat6 RJ-45 cable	No	1.5m
2	Cat6 RJ-45 cable	No	10m
3	Cat6 RJ-45 cable	No	10m
4	Cat6 RJ-45 cable	No	1.5m
5	Cat6 RJ-45 cable	No	5m
6	Cat6 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.

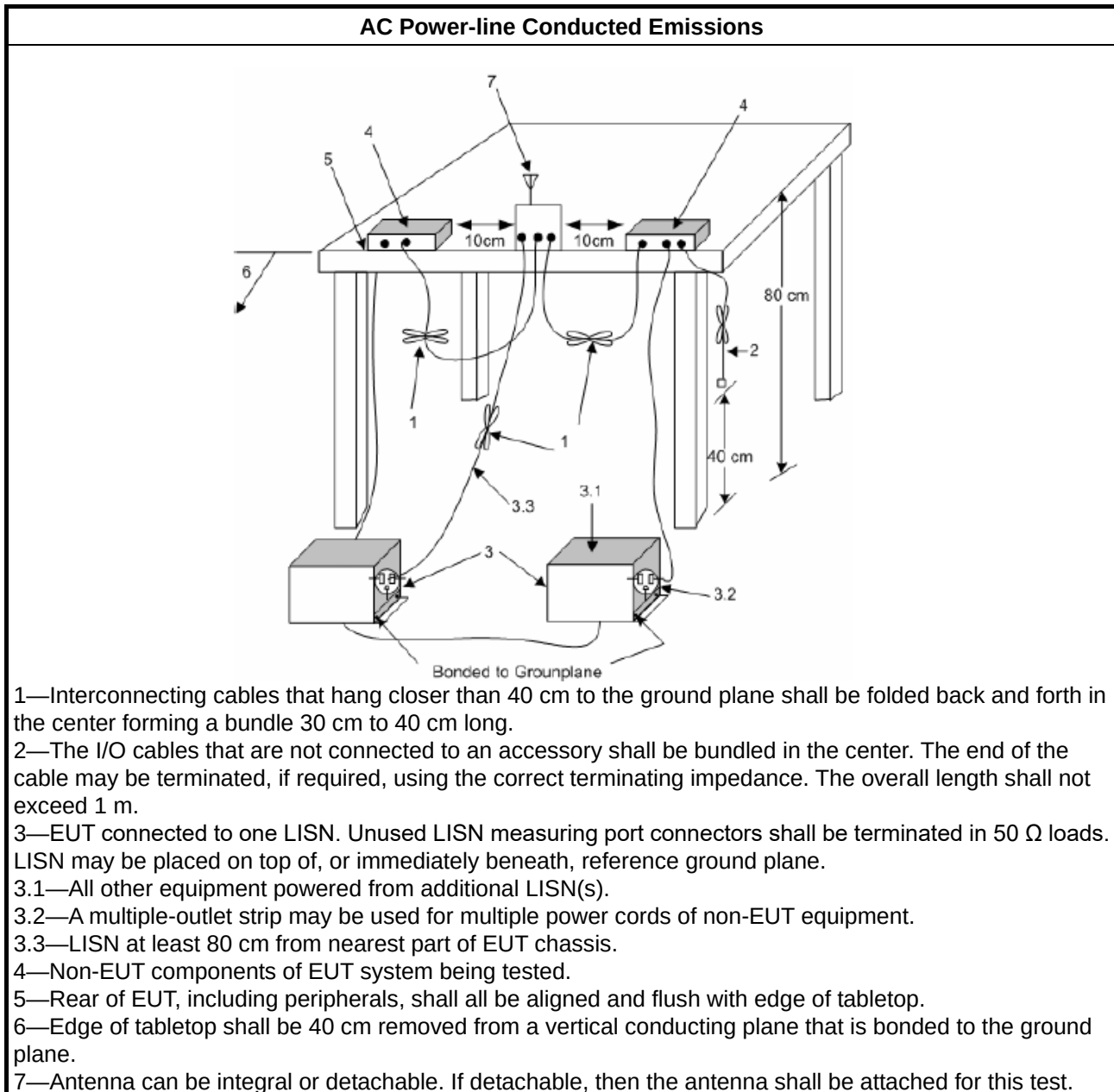
3.1.2 Measuring Instruments

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.

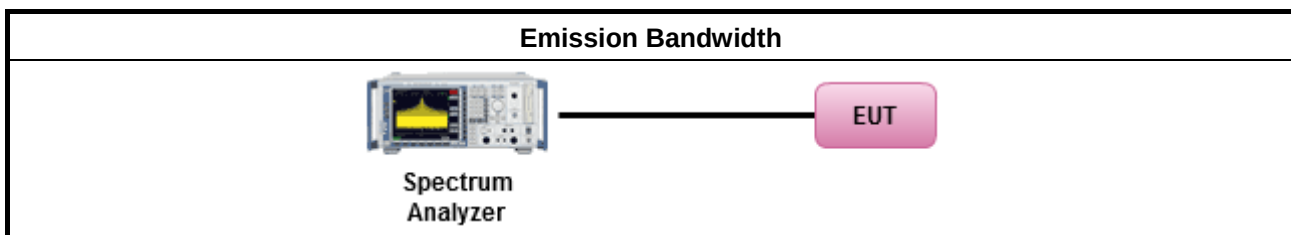
3.2.2 Measuring Instruments

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 D02, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

Note:

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



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

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

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



- | |
|--|
| <ul style="list-style-type: none">For standard-power access points & fixed client devices < 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm). |
| <ul style="list-style-type: none">For standard client devices < 30 dBm. |

3.3.2 Measuring Instruments

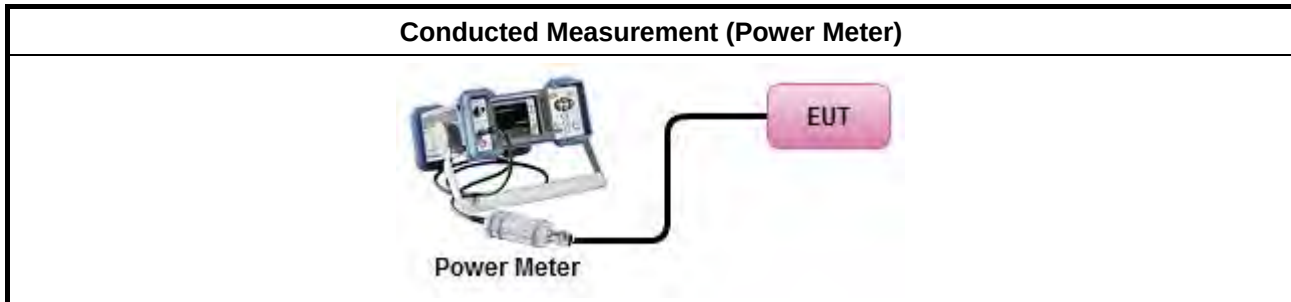
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

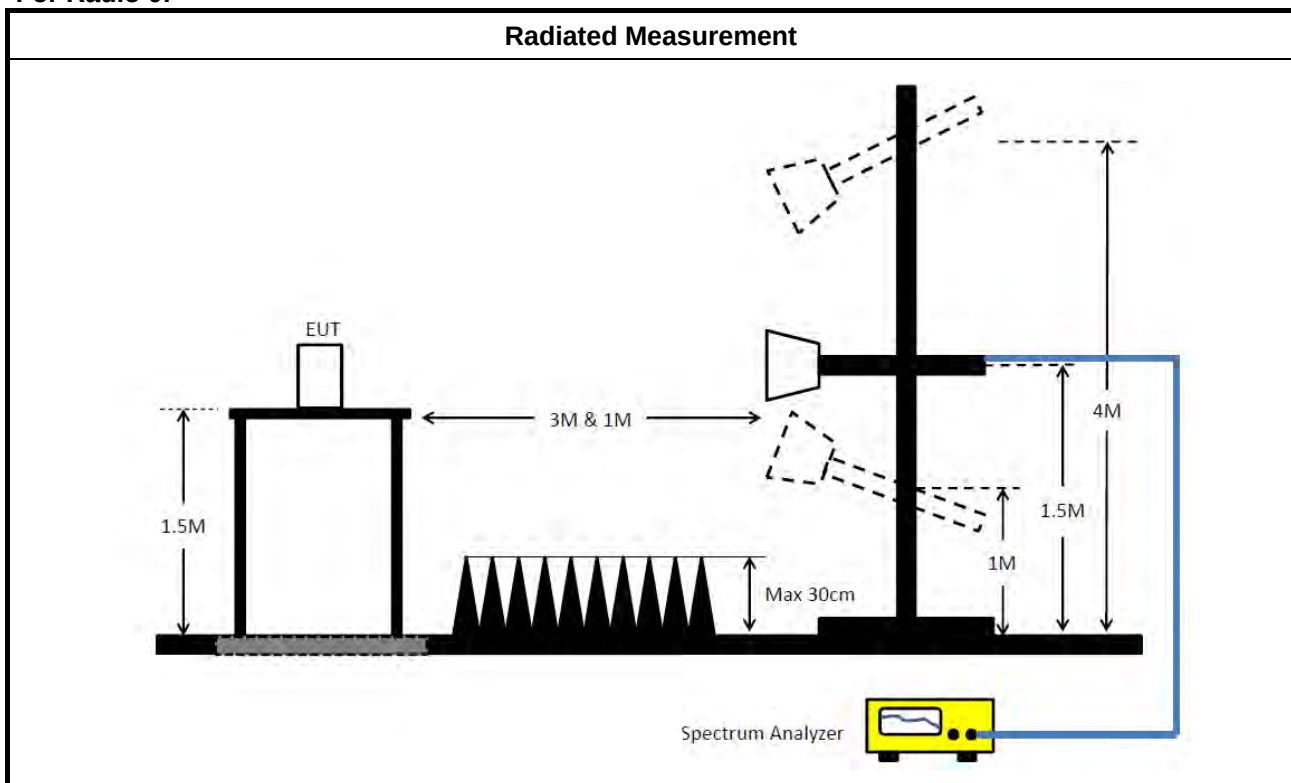
Test Method	
According to FCC KDB 987594 D02 clause II.E, the test measurement procedure shall refer to KDB 789033.	
☒	Average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging). Spectrum analyzer setting: RBW/VBW : 1/3MHz ; Detector : RMS ; Trace mode : Average ; Sweep Count 100.
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
☒	☒ Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☒	For conducted measurement. (For Radio 3)
	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. (For Radio 0)
	Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup

For Radio 3:



For Radio 0:



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

Refer as Appendix C



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

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

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



3.4.2 Measuring Instruments

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

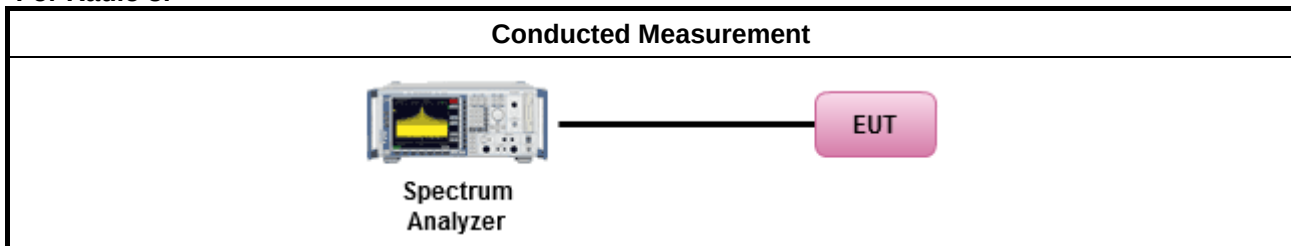
3.4.3 Test Procedures

Test Method	
According to FCC KDB 987594 D02 clause II.F, the measurement procedure shall refer to KDB 789033. Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as FCC KDB 789033 D02, F5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
[duty cycle ≥ 98% or external video / power trigger]	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒	For conducted measurement. (For Radio 3)
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]) $EIRP_{total} = PPSD_{total} + DG$	

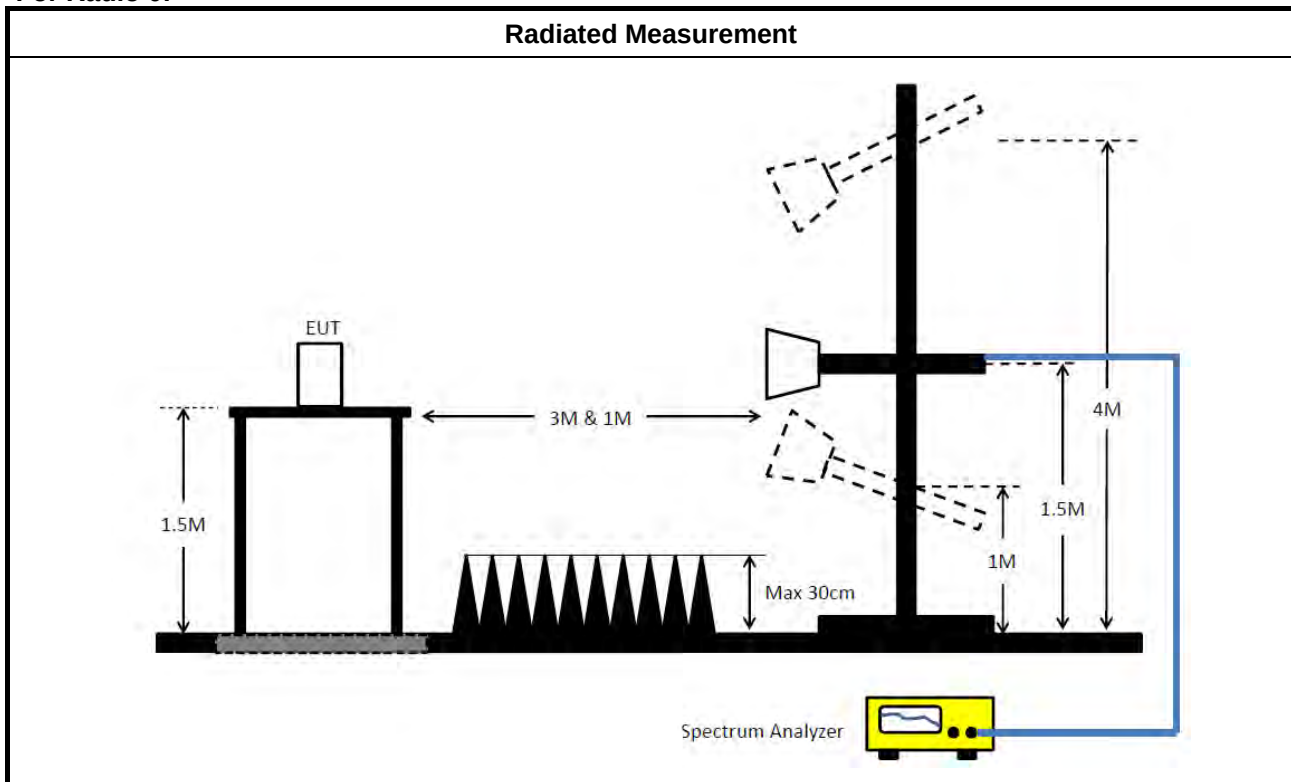
☒	For radiated measurement. (For Radio 0)
	- Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. - Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup

For Radio 3:



For Radio 0:



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

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

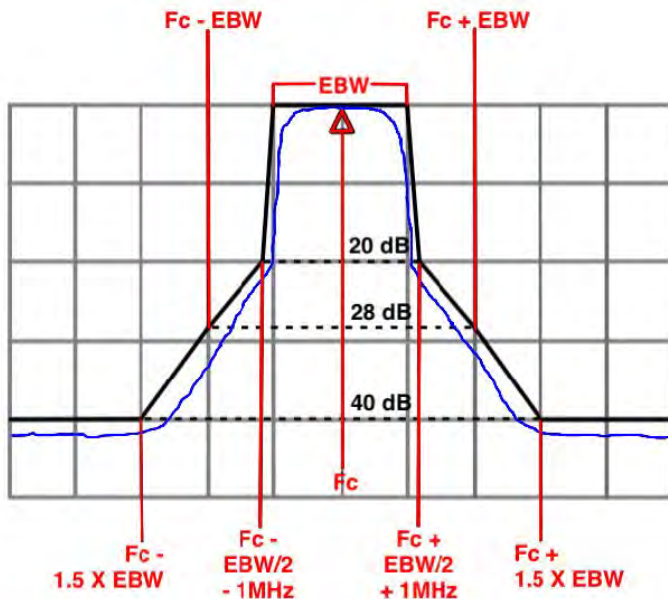
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3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

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

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

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

Un-restricted band emissions above 1GHz Limit	
Frequency	Limit
Any outside the 5.925 – 7.125 GHz emission	e.i.r.p. -27 dBm [68.2 dBuV/m@3m] Note 1: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$). EX. Above 18GHz emission limit calculation (3m to 1m) = $68.2\text{dBuV/m at 3m} + 9.54\text{dB} = 77.74\text{dBuV/m at 1m}$. Note 2:-27 dBm EIRP OOBE is measured RMS which is a deviation from the current 15E rules for 5 GHz bands. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Frequency	Emission MASK Limit
5.925 – 7.125 GHz	Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB. 



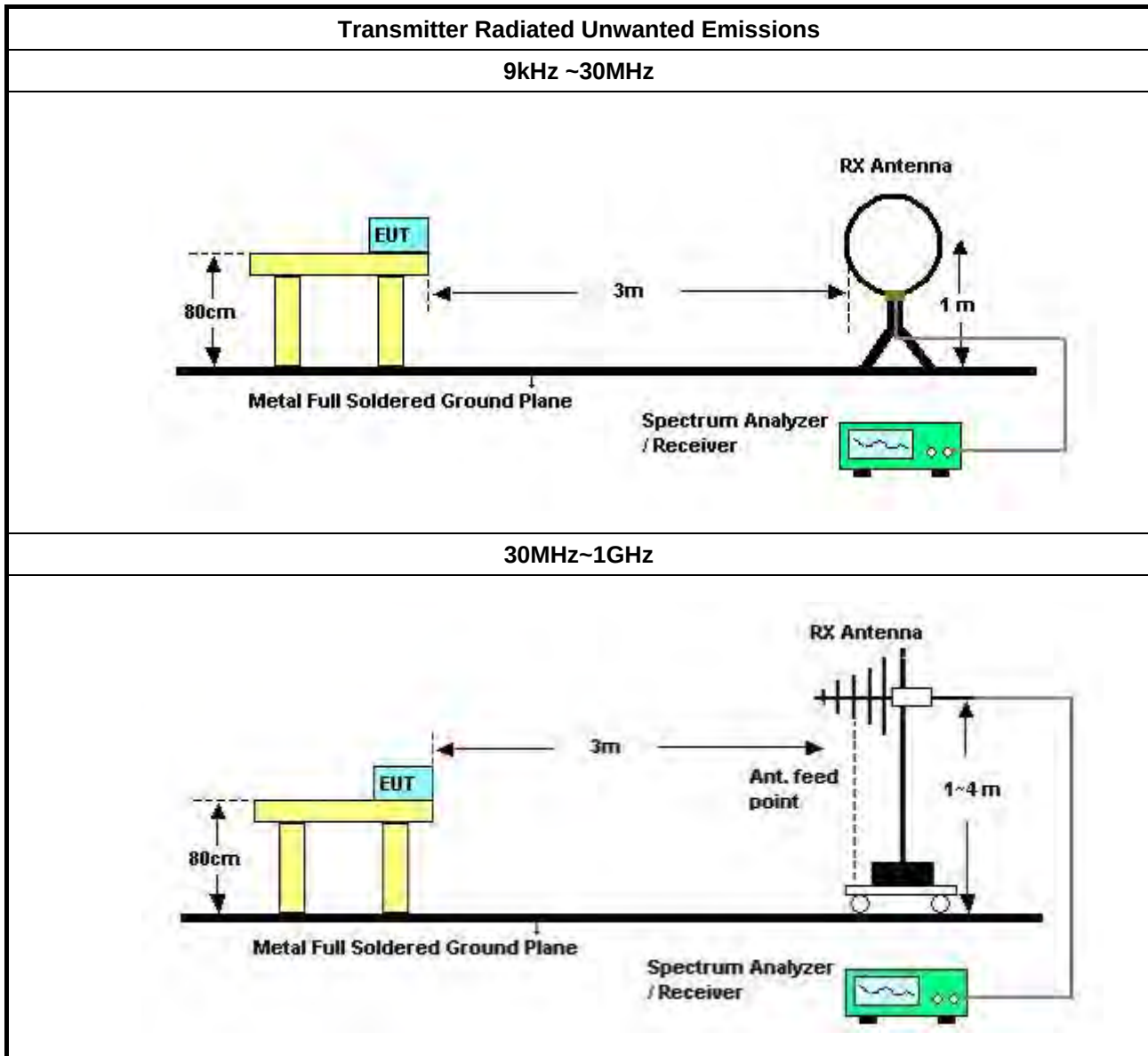
3.5.2 Measuring Instruments

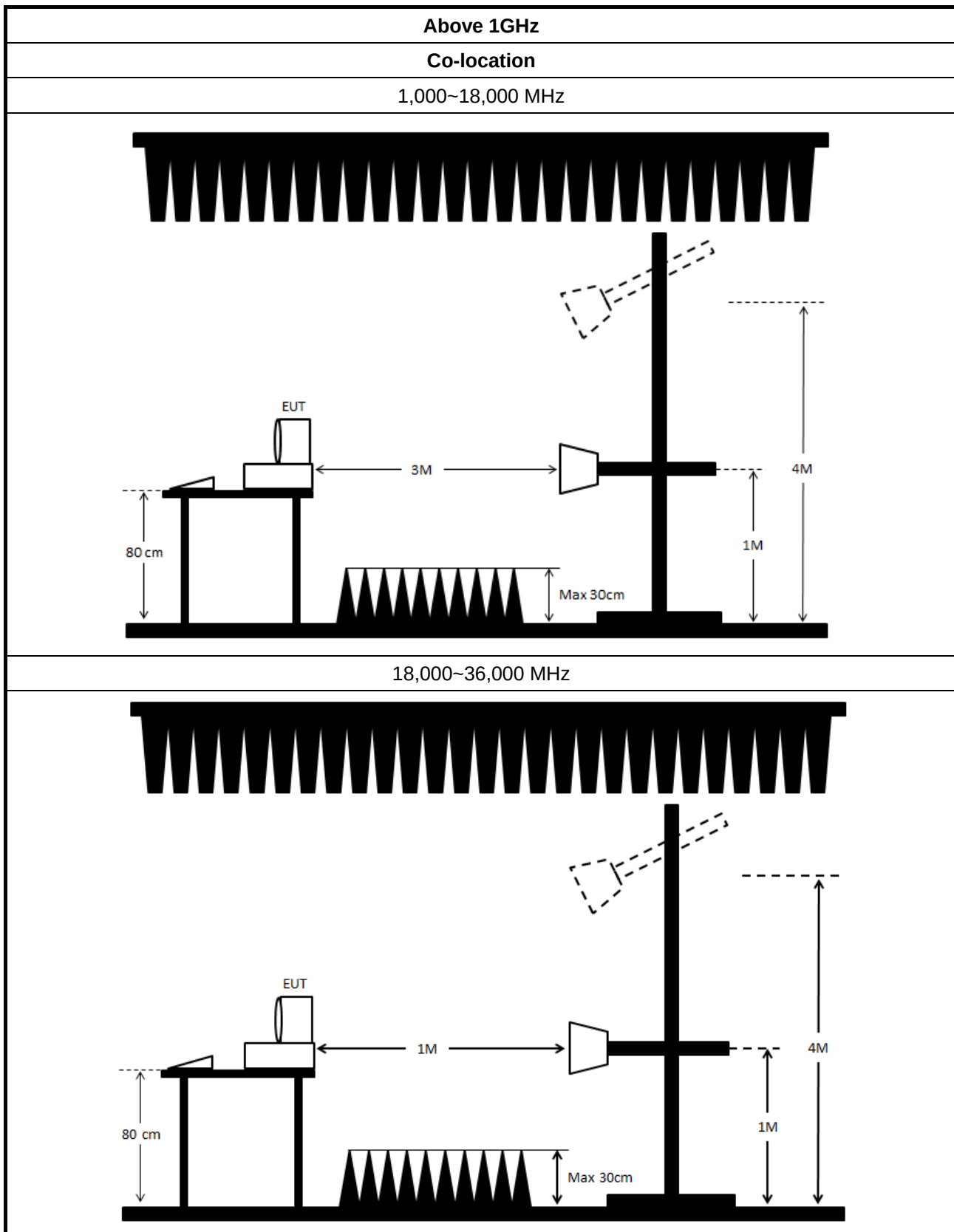
Refer a test equipment and calibration data table in this test report.

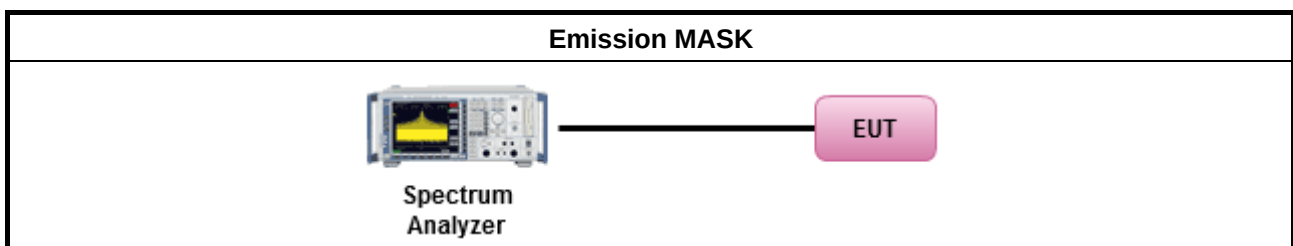
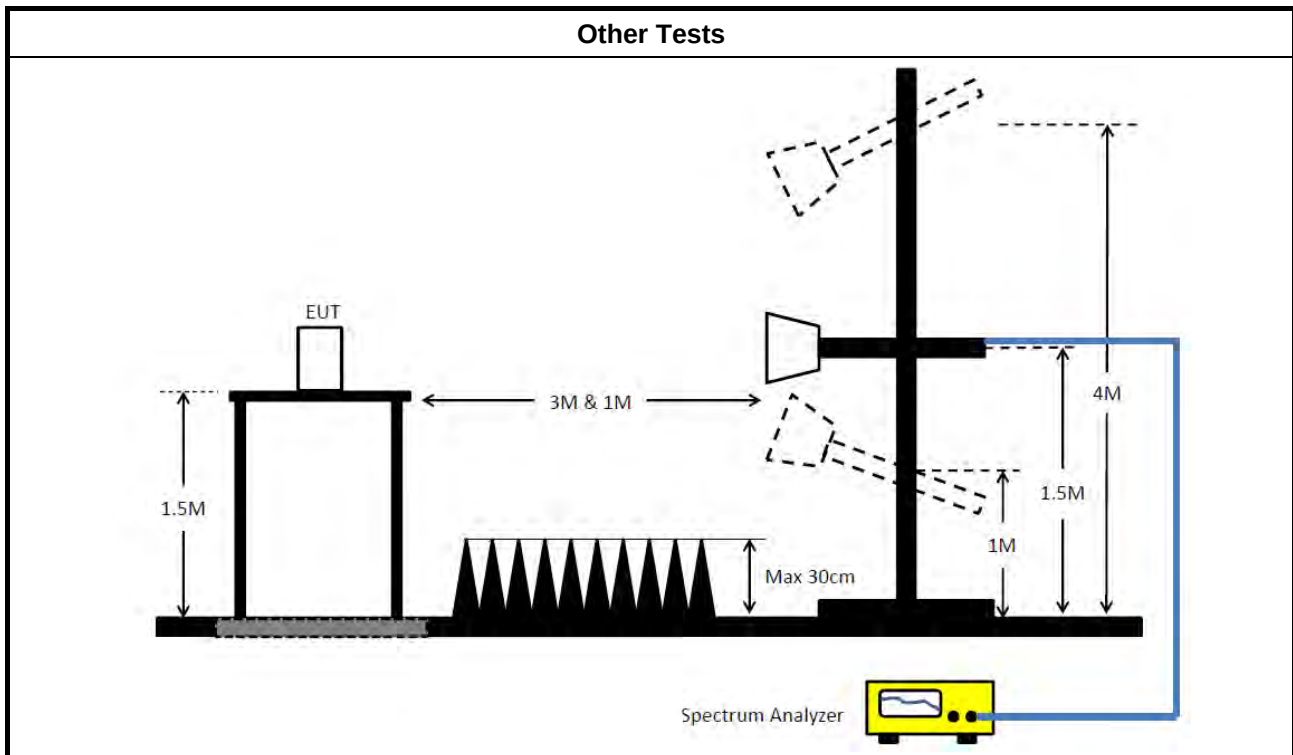
3.5.3 Test Procedures

Test Method	
According to FCC KDB 987594 D02 II.G. the unwanted emission measurement procedure shall refer to KDB 789300(except emission MASK). Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
	☐ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
	☒ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). $VBW \geq 1/T$, where T is pulse time.(For restricted band average measurement)
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
	☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
Refer as FCC KDB 789033 D02, clause G)3)d)ii) for Band edge Integration measurements.	
For emission MASK shall be measured using following options below:	
	☒ Refer as FCC KDB 987594 D02, J) In-Band Emissions
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

3.5.4 Test Setup







3.5.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable)
= Level

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

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

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Contention Based Protocol

3.6.1 Contention Based Protocol Limit

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

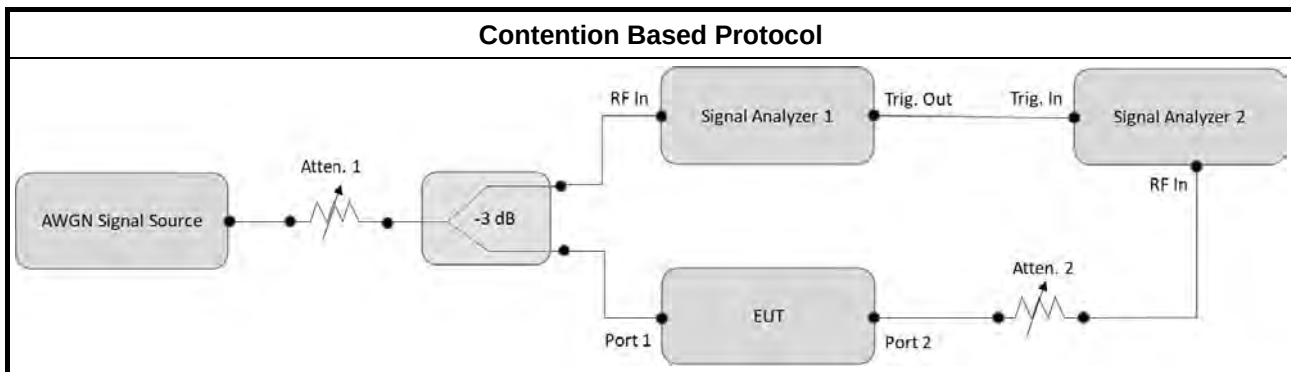
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

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

3.6.4 Test Setup



3.6.5 Test Result of Contention Based Protocol

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Apr. 29, 2025	Apr. 28, 2026	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Feb. 06, 2025	Feb. 05, 2026	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	VTSD 9561F-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. 15, 2025	Jan. 14, 2026	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10783	9kHz ~ 1.3GHz	Mar. 08, 2025	Mar. 07, 2026	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10784	9kHz ~ 1.3GHz	Mar. 08, 2025	Mar. 07, 2026	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	ESCI	100186	9kHz ~ 3GHz	Sep. 17, 2025	Sep. 16, 2026	Radiation (10CH01-CB)
Spectrum Analyzer	Rohde&Schwarz	FSV30	101026	9kHz ~ 30GHz	Apr. 16, 2025	Apr. 15, 2026	Radiation (10CH01-CB)
Bilog Ant & 6dB Attenuator	SCHWARZBECK & EMCI	VULB 9168 & N-6-06	1469 & AT-N06021	30MHz ~ 1GHz	Jan. 09, 2025	Jan. 08, 2026	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)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 16, 2025	May 15, 2026	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH1840	20230109-3	18~40GHz	Feb. 21, 2025	Feb. 20, 2026	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2024	Dec. 11, 2025	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2025	Dec. 11, 2026	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 23, 2025	Mar. 22, 2026	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 15, 2025	Apr. 14, 2026	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH1840	20230109-3	18~40GHz	Feb. 21, 2025	Feb. 20, 2026	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	Aug. 20, 2025	Aug. 19, 2026	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Jun. 19, 2025	Jun. 18, 2026	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Jun. 19, 2025	Jun. 18, 2026	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH02-CB)
Pre-Amplifier	EM	EM01G18GA	60844	1 ~ 18GHz	Mar. 11, 2025	Mar. 10, 2026	Radiation (03CH02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 21, 2025	Feb. 20, 2026	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 20, 2024	Dec. 19, 2025	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 16, 2025	Jan. 15, 2026	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH1840	20230109-3	18~40GHz	Feb. 21, 2025	Feb. 20, 2026	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 24, 2025	Mar. 23, 2026	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Apr. 25, 2025	Apr. 24, 2026	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Apr. 25, 2025	Apr. 24, 2026	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC12630SE	980383	1GHz ~ 18GHz	Jul. 30, 2025	Jul. 29, 2026	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH1840	20230109-3	18~40GHz	Feb. 21, 2025	Feb. 20, 2026	Radiation (03CH06-CB)
Signal analyzer	R&S	FSV3044	101667	9kHz~44GHz	Aug. 27, 2025	Aug. 26, 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	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH06-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE-EMI	V5.11.10	30MHz-40GHz	N.C.R.	N.C.R.	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)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2025	May 26, 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)
RF Power Divider	Titan	2 Way	DV-8G -09	2GHz ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH01-CB)
RF Power Divider	Titan	2 Way	DV-8G -10	2GHz ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH01-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH01-CB)
Spectrum Analyzer	R&S	FSV40	101025	9kHz ~ 40GHz	Nov. 12, 2025	Nov. 11, 2026	Conduction (DF02-CB)
Signal generator	R&S	SMB100A	181239	1MHz-40GHz	Jan. 08, 2025	Jan. 07, 2026	Conduction (DF02-CB)
Vector Signal Generator	R&S	SMM100A	101894	100kHz ~ 7.5GHz	Nov. 04, 2025	Nov. 03, 2026	Conduction (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -05	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conduction (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -06	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conduction (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -07	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conduction (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -08	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conduction (DF02-CB)
RF Cable-high	Woken	RG402	Cable-60	1~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conduction (DF02-CB)



RADIO TEST REPORT

Report No. : FR5N0608AC

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	Cable-61	1~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conduction (DF02-CB)
RF Cable-high	Woken	RG402	Cable-63	1~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conduction (DF02-CB)

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

NCR means Non-Calibration required.



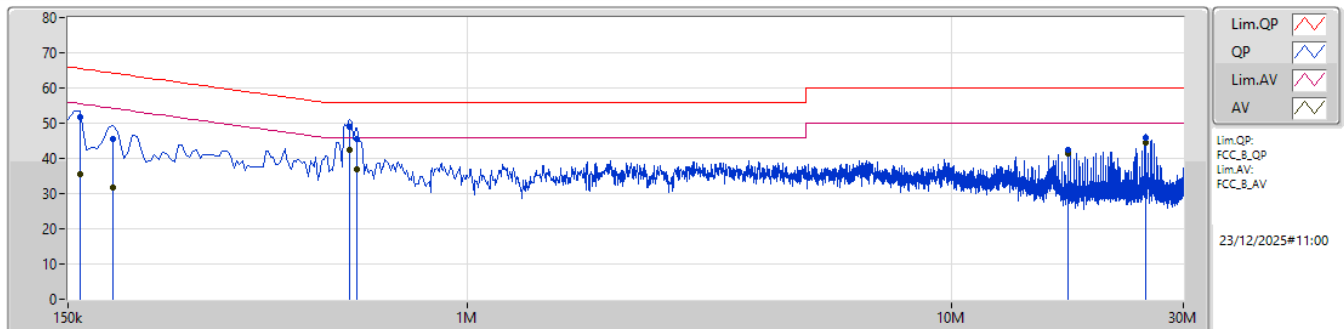
Conducted Emissions at Powerline

Appendix A

Summary

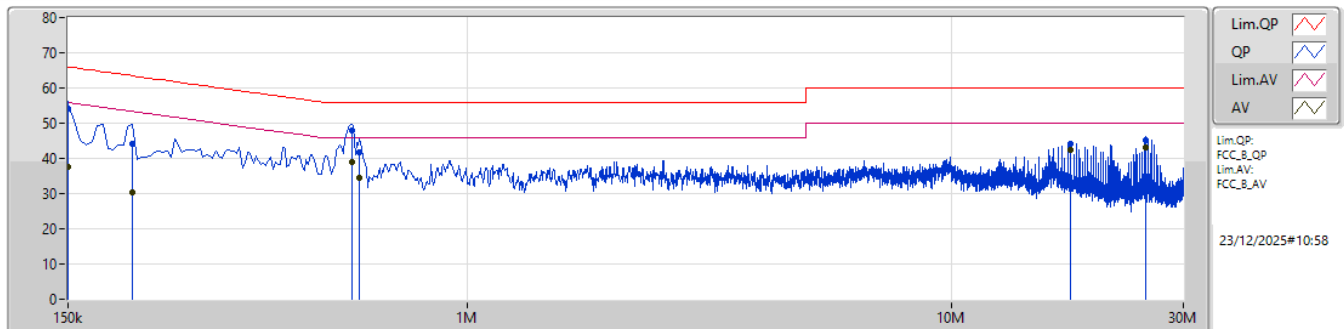
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	AV	573k	42.50	46.00	-3.50	Line

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT						
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)						
QP	159k	51.65	65.52	-13.87	10.39	Line	-	41.26	0.06	0.26	10.07						
AV	159k	35.62	55.52	-19.90	10.39	Line	-	25.23	0.06	0.26	10.07						
QP	186k	45.51	64.20	-18.69	10.28	Line	-	35.23	0.06	0.22	10.00						
AV	186k	31.71	54.20	-22.49	10.28	Line	-	21.43	0.06	0.22	10.00						
QP	573k	49.06	56.00	-6.94	10.43	Line	-	38.63	0.06	0.26	10.11						
AV	573k	42.50	46.00	-3.50	10.43	Line	"Worst"	32.07	0.06	0.26	10.11						
QP	591k	45.65	56.00	-10.35	10.43	Line	-	35.22	0.06	0.26	10.11						
AV	591k	36.93	46.00	-9.07	10.43	Line	-	26.50	0.06	0.26	10.11						
QP	17.327M	42.57	60.00	-17.43	11.24	Line	-	31.33	0.34	0.36	10.54						
AV	17.327M	41.43	50.00	-8.57	11.24	Line	-	30.19	0.34	0.36	10.54						
QP	25.139M	45.70	60.00	-14.30	11.34	Line	-	34.36	0.49	0.39	10.46						
AV	25.139M	44.46	50.00	-5.54	11.34	Line	-	33.12	0.49	0.39	10.46						

Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	53.97	66.00	-12.03	10.43	Neutral	-	43.54	0.07	0.27	10.09						
AV	150k	37.70	56.00	-18.30	10.43	Neutral	-	27.27	0.07	0.27	10.09						
QP	204k	44.25	63.44	-19.19	10.25	Neutral	-	34.00	0.07	0.21	9.97						
AV	204k	30.34	53.44	-23.10	10.25	Neutral	-	20.09	0.07	0.21	9.97						
QP	577.5k	47.86	56.00	-8.14	10.44	Neutral	-	37.42	0.07	0.26	10.11						
AV	577.5k	38.84	46.00	-7.16	10.44	Neutral	-	28.40	0.07	0.26	10.11						
QP	600k	41.70	56.00	-14.30	10.44	Neutral	-	31.26	0.07	0.26	10.11						
AV	600k	34.61	46.00	-11.39	10.44	Neutral	-	24.17	0.07	0.26	10.11						
QP	17.574M	44.01	60.00	-15.99	11.14	Neutral	-	32.87	0.24	0.36	10.54						
AV	17.574M	42.39	50.00	-7.61	11.14	Neutral	-	31.25	0.24	0.36	10.54						
QP	25.139M	45.26	60.00	-14.74	11.16	Neutral	-	34.10	0.31	0.39	10.46						
AV	25.139M	43.15	50.00	-6.85	11.16	Neutral	"Worst"	31.99	0.31	0.39	10.46						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	22.055M	19.09M	19M1D1D	21.56M	19.04M
802.11be EHT40_Nss1,(MCS0)_2TX	40.92M	37.781M	37M8D1D	40.37M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	92.4M	77.561M	77M6D1D	81.4M	77.261M
802.11be EHT160_Nss1,(MCS0)_2TX	238.04M	157.121M	157MD1D	187M	156.722M
802.11be EHT320_Nss1,(MCS0)_2TX	547.36M	318.241M	318MD1D	418.88M	317.041M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	21.835M	19.09M	19M1D1D	21.23M	19.04M
802.11be EHT40_Nss1,(MCS0)_2TX	40.92M	37.781M	37M8D1D	40.26M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	108.02M	77.561M	77M6D1D	89.54M	77.461M
802.11be EHT160_Nss1,(MCS0)_2TX	194.04M	156.922M	157MD1D	192.72M	156.922M
802.11be EHT320_Nss1,(MCS0)_2TX	540.32M	319.04M	319MD1D	529.76M	318.241M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	22M	19.09M	19M1D1D	21.395M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	41.03M	37.781M	37M8D1D	40.26M	37.681M
802.11be EHT80_Nss1,(MCS0)_2TX	115.06M	77.661M	77M7D1D	81.18M	77.361M
802.11be EHT160_Nss1,(MCS0)_2TX	249.92M	157.321M	157MD1D	186.56M	157.121M
802.11be EHT320_Nss1,(MCS0)_2TX	621.28M	319.84M	320MD1D	446.16M	316.642M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	22M	19.14M	19M1D1D	21.23M	19.04M
802.11be EHT40_Nss1,(MCS0)_2TX	40.7M	37.831M	37M8D1D	40.48M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	123.42M	77.861M	77M9D1D	110.66M	77.661M
802.11be EHT160_Nss1,(MCS0)_2TX	312.4M	157.721M	158MD1D	252.12M	157.721M

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

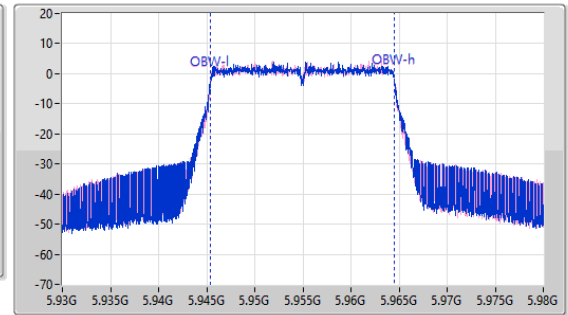
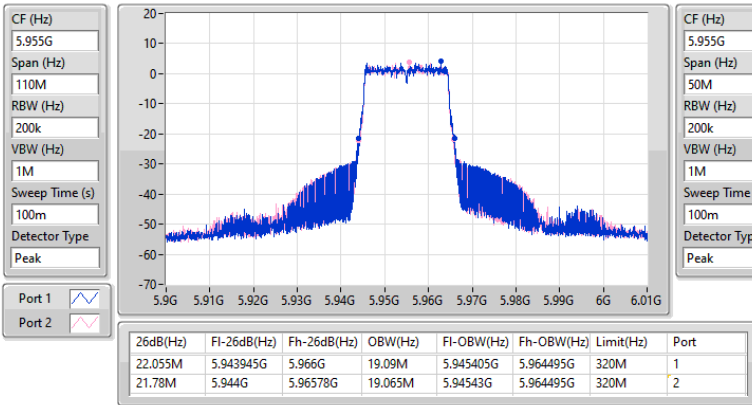
**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	320M	22.055M	19.09M	21.78M	19.065M
6195MHz	Pass	320M	21.56M	19.065M	21.56M	19.04M
6415MHz	Pass	320M	21.835M	19.04M	21.725M	19.04M
6435MHz	Pass	320M	21.835M	19.09M	21.23M	19.04M
6475MHz	Pass	320M	21.725M	19.065M	21.23M	19.065M
6515MHz	Pass	320M	21.835M	19.04M	21.45M	19.065M
6535MHz	Pass	320M	21.89M	19.09M	21.45M	19.065M
6695MHz	Pass	320M	21.67M	19.065M	21.56M	19.065M
6875MHz	Pass	320M	22M	19.09M	21.395M	19.015M
6895MHz	Pass	320M	22M	19.09M	21.67M	19.065M
6995MHz	Pass	320M	21.615M	19.14M	21.34M	19.04M
7095MHz	Pass	320M	21.835M	19.065M	21.23M	19.065M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	320M	40.7M	37.731M	40.48M	37.781M
6205MHz	Pass	320M	40.92M	37.731M	40.37M	37.781M
6405MHz	Pass	320M	40.7M	37.781M	40.59M	37.731M
6445MHz	Pass	320M	40.81M	37.731M	40.48M	37.781M
6485MHz	Pass	320M	40.92M	37.731M	40.26M	37.731M
6525MHz	Pass	320M	40.81M	37.781M	40.48M	37.731M
6565MHz	Pass	320M	40.7M	37.781M	40.7M	37.681M
6685MHz	Pass	320M	40.59M	37.781M	40.37M	37.731M
6885MHz	Pass	320M	41.03M	37.781M	40.26M	37.731M
6925MHz	Pass	320M	40.7M	37.781M	40.48M	37.831M
7005MHz	Pass	320M	40.7M	37.781M	40.59M	37.781M
7085MHz	Pass	320M	40.7M	37.781M	40.7M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	320M	92.4M	77.461M	89.54M	77.461M
6225MHz	Pass	320M	81.4M	77.561M	82.06M	77.361M
6385MHz	Pass	320M	81.84M	77.361M	81.4M	77.261M
6465MHz	Pass	320M	108.02M	77.461M	89.98M	77.461M
6545MHz	Pass	320M	89.54M	77.561M	102.52M	77.461M
6625MHz	Pass	320M	89.54M	77.461M	91.08M	77.361M
6705MHz	Pass	320M	81.62M	77.361M	81.18M	77.461M
6785MHz	Pass	320M	110.44M	77.561M	115.06M	77.661M
6865MHz	Pass	320M	110.44M	77.561M	104.72M	77.561M
6945MHz	Pass	320M	110.66M	77.661M	117.04M	77.861M
7025MHz	Pass	320M	119.9M	77.861M	123.42M	77.861M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	320M	187M	156.922M	238.04M	157.121M
6185MHz	Pass	320M	230.12M	156.922M	200.2M	157.121M
6345MHz	Pass	320M	189.64M	156.922M	188.76M	156.722M
6505MHz	Pass	320M	194.04M	156.922M	192.72M	156.922M
6665MHz	Pass	320M	186.56M	157.121M	228.8M	157.121M
6825MHz	Pass	320M	249.92M	157.321M	216.04M	157.121M
6985MHz	Pass	320M	252.12M	157.721M	312.4M	157.721M
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	320M	519.2M	317.441M	451.44M	317.041M
6265MHz	Pass	320M	422.4M	317.841M	418.88M	317.441M
6425MHz	Pass	320M	547.36M	318.241M	547.36M	317.041M
6585MHz	Pass	320M	529.76M	318.241M	540.32M	319.04M
6745MHz	Pass	320M	559.68M	319.04M	621.28M	319.84M
6905MHz	Pass	320M	461.12M	316.642M	446.16M	317.041M

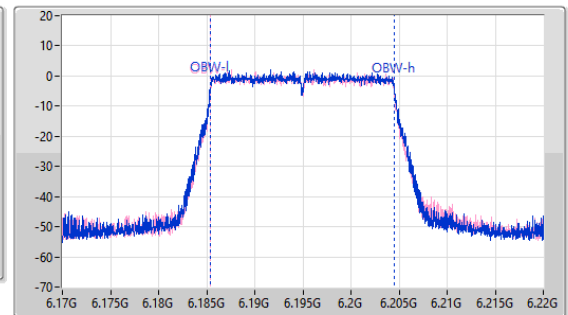
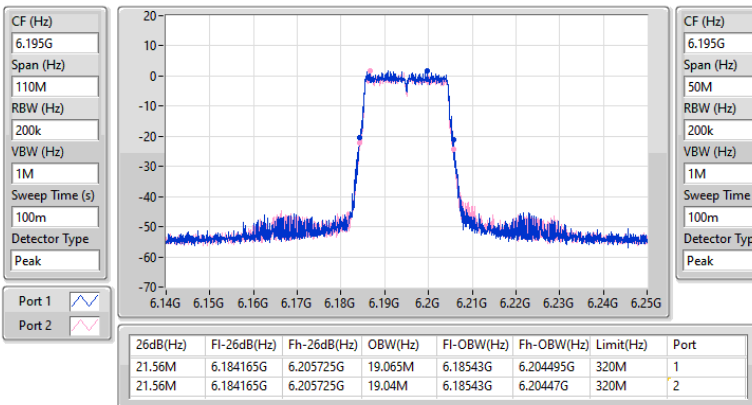
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

24/11/2025

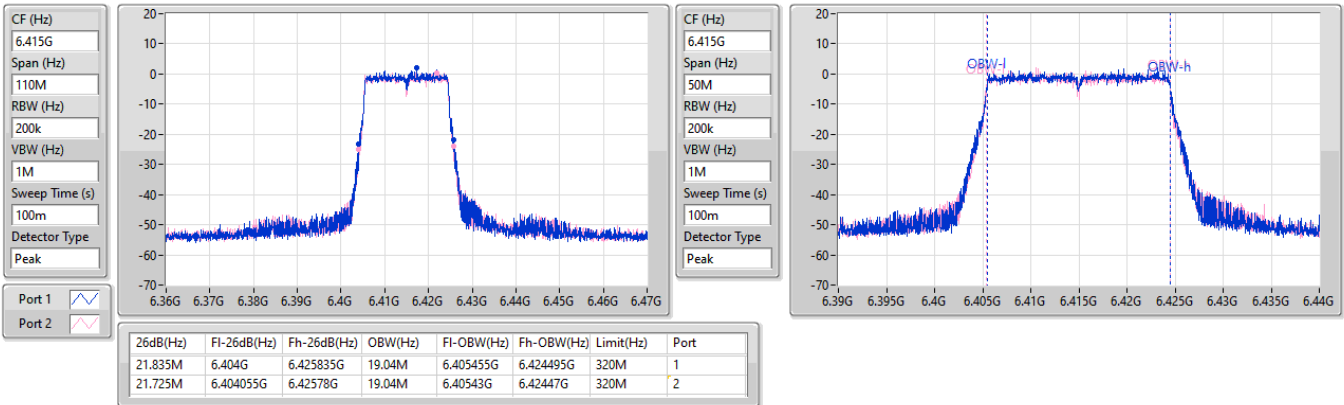

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6195MHz

24/11/2025

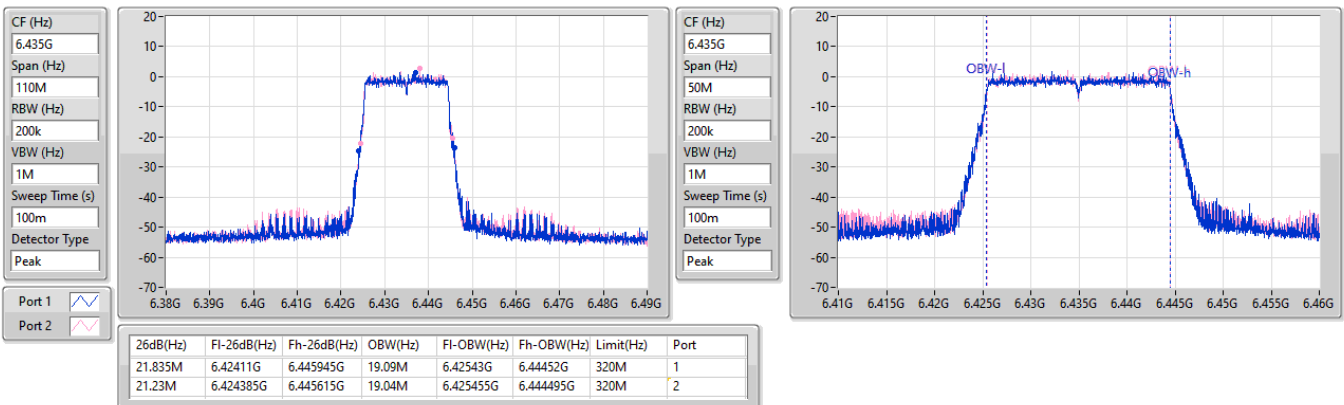


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6415MHz

24/11/2025

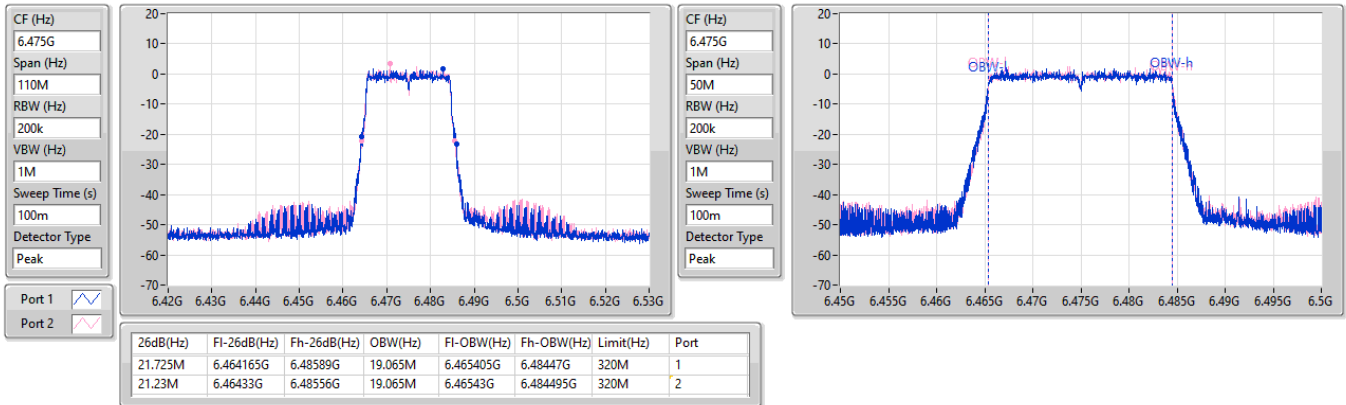

6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6435MHz

24/11/2025

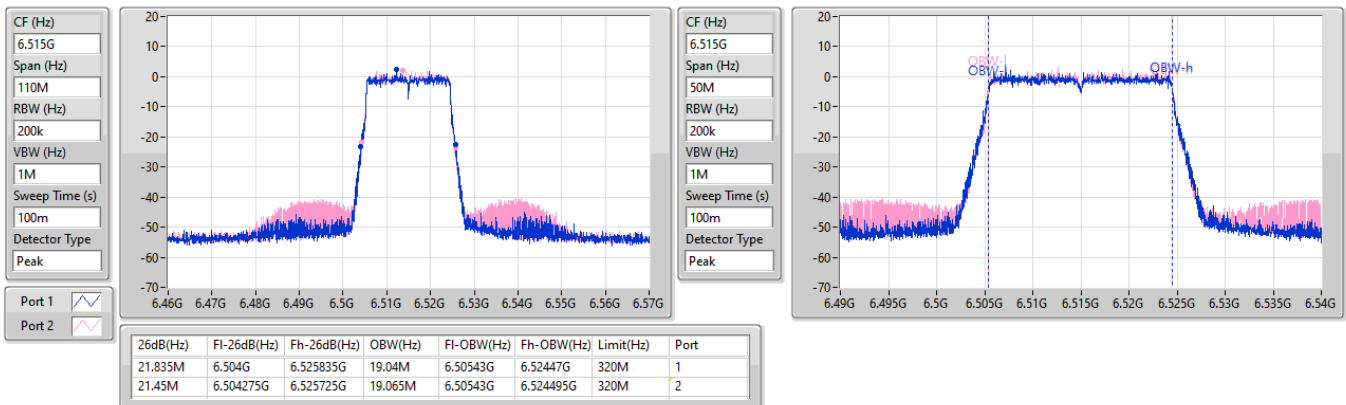


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6475MHz

24/11/2025

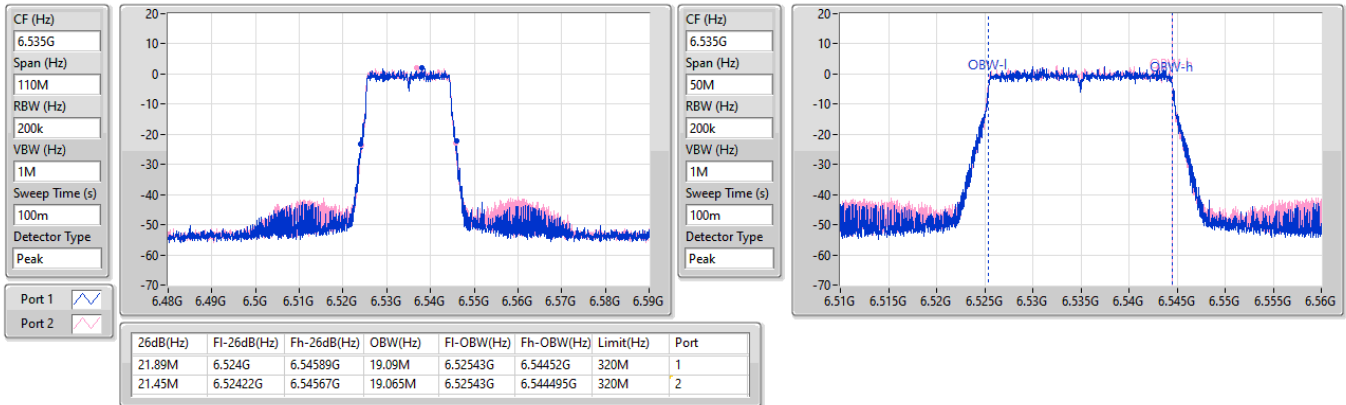

6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6515MHz

24/11/2025

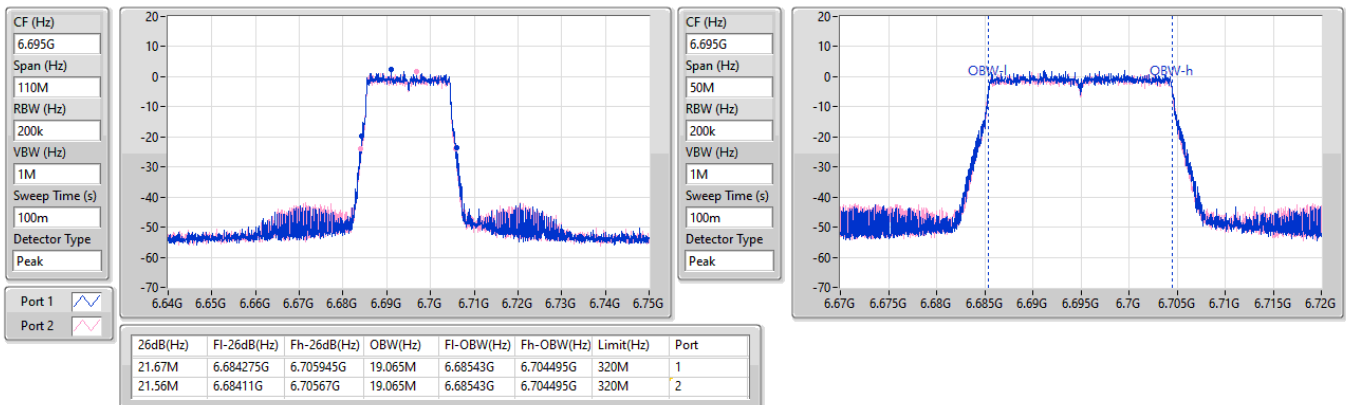


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6535MHz

24/11/2025

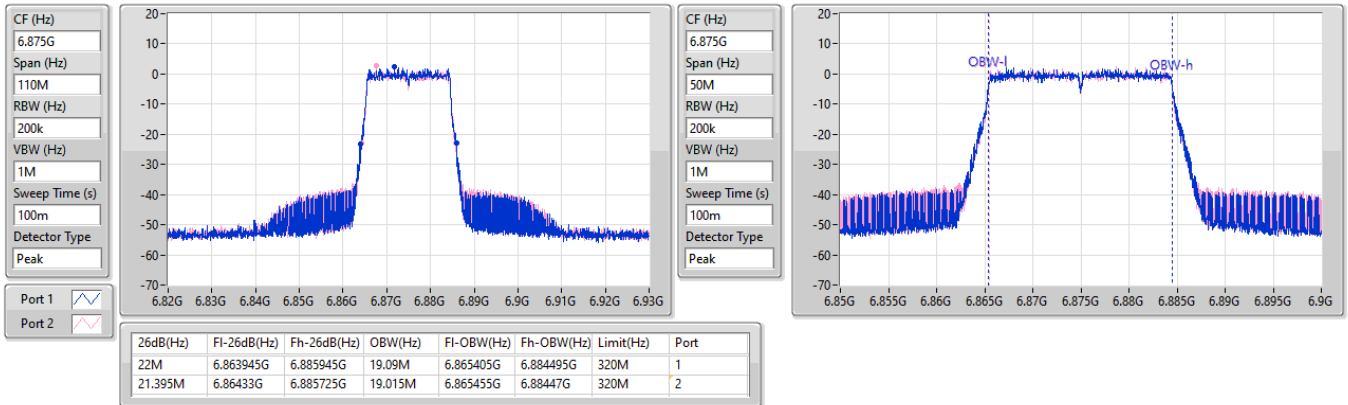

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6695MHz

24/11/2025

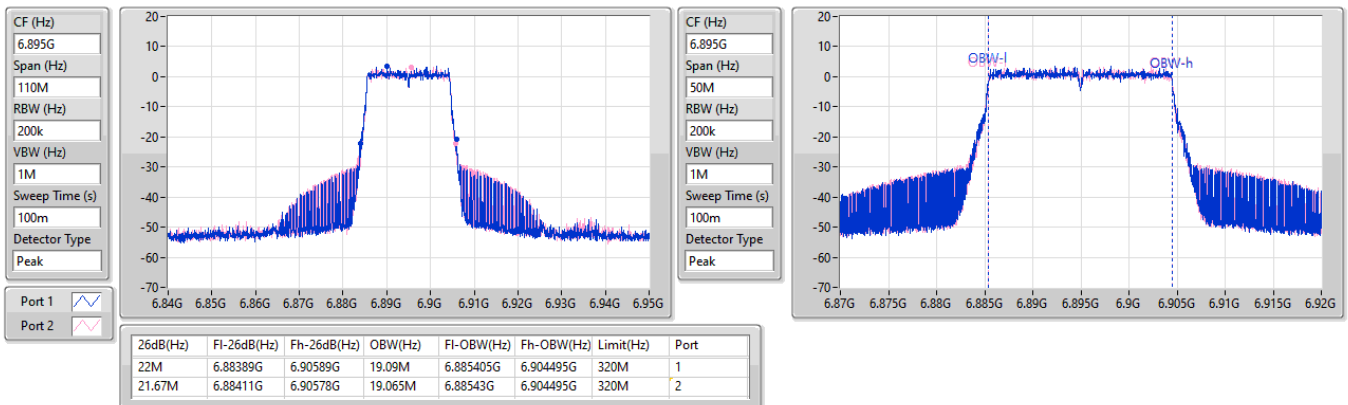


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6875MHz

24/11/2025

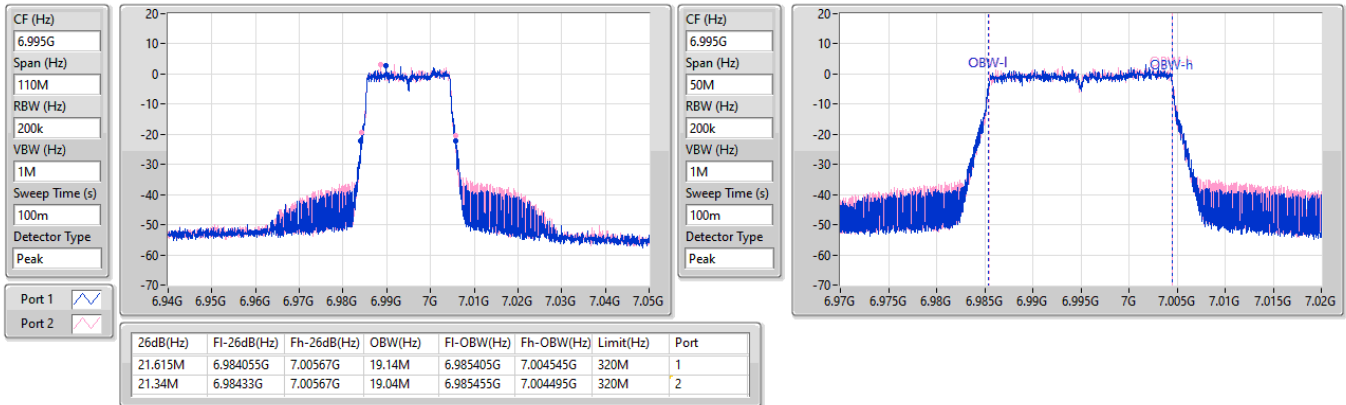

6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6895MHz

24/11/2025

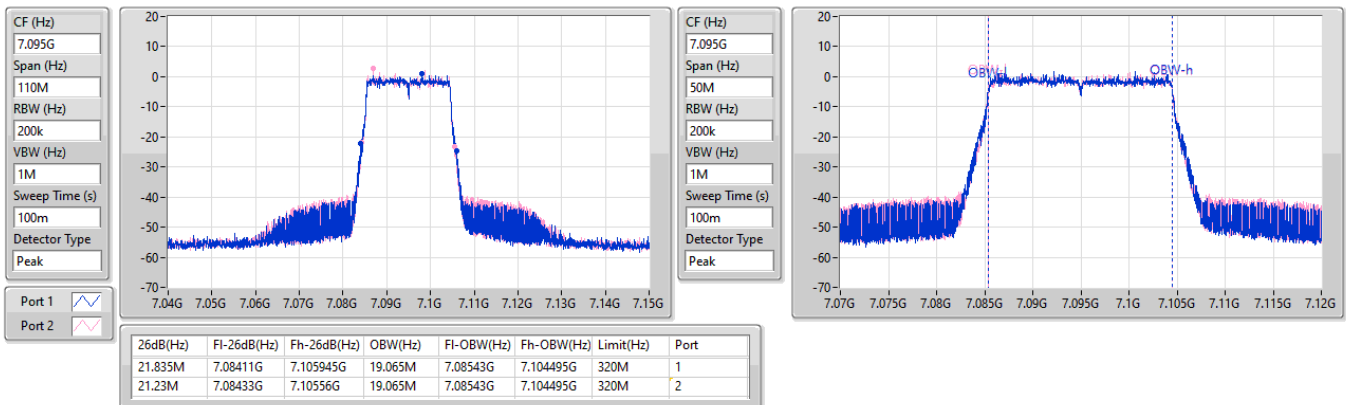


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6995MHz

24/11/2025

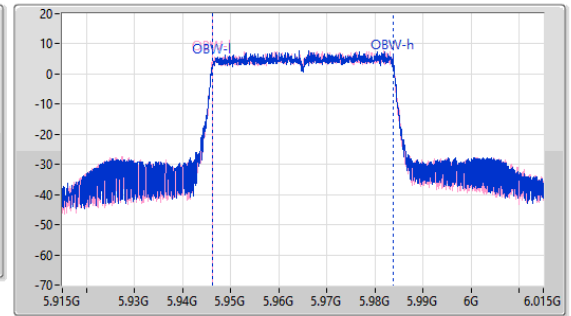
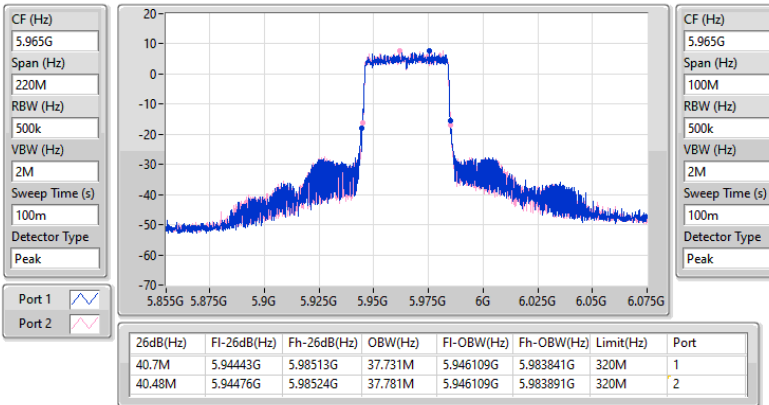

6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
7095MHz

24/11/2025

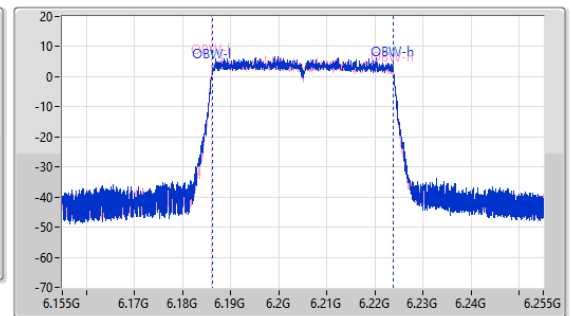
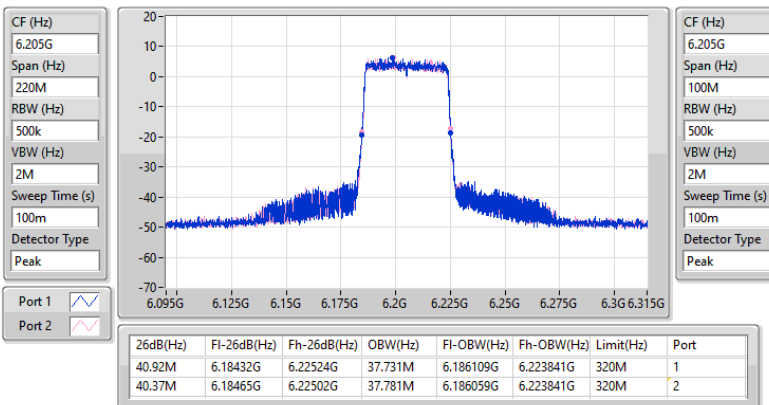


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5965MHz

24/11/2025

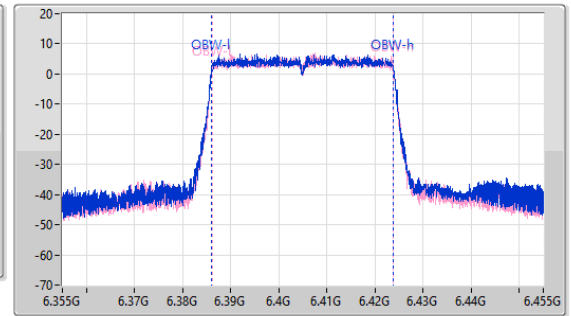
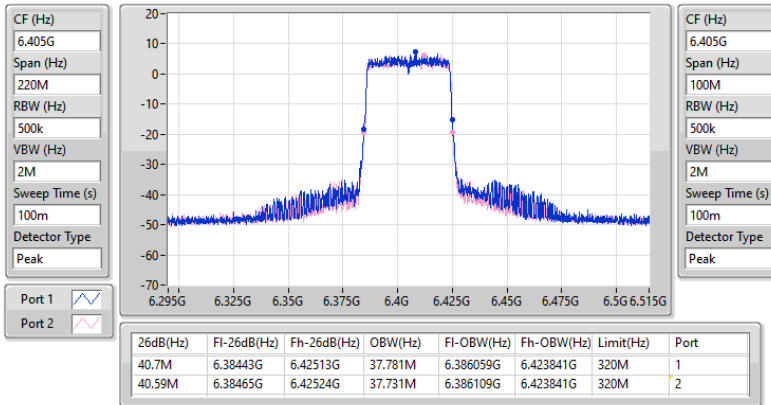

5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6205MHz

24/11/2025

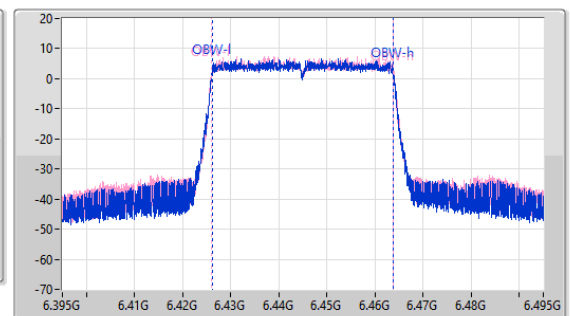
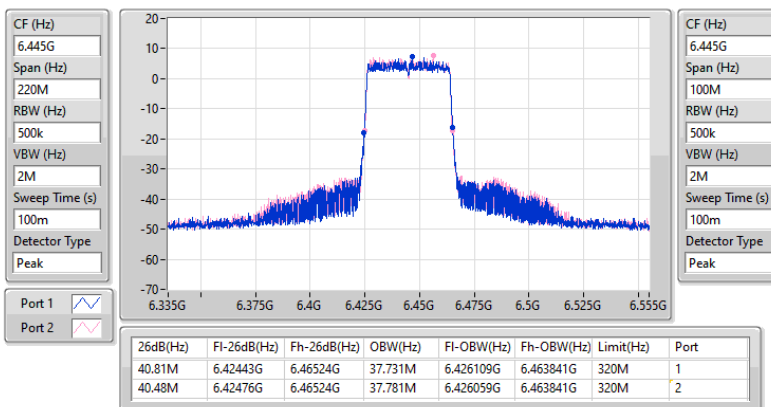


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6405MHz

24/11/2025

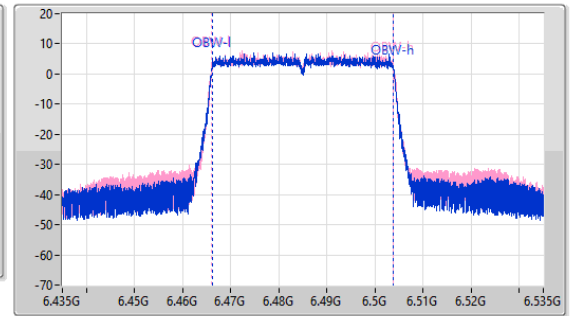
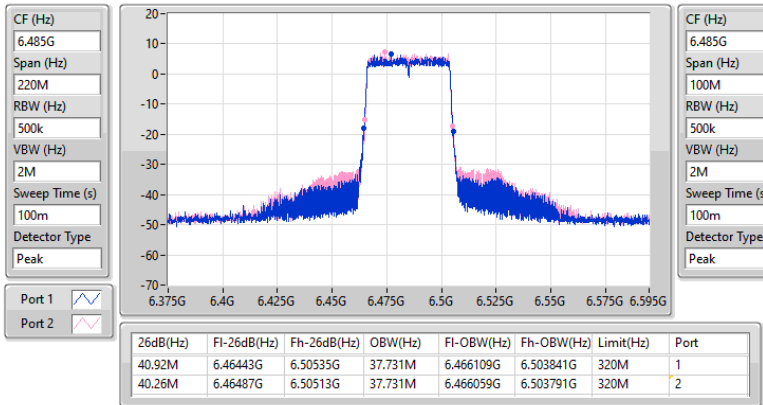

6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6445MHz

24/11/2025

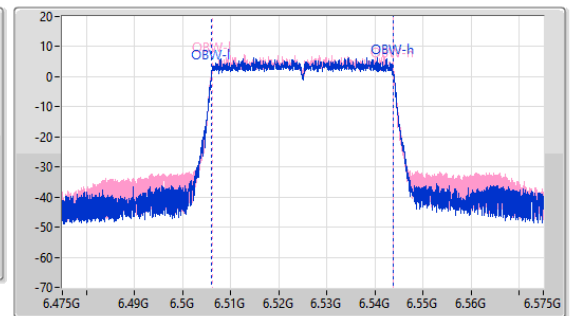
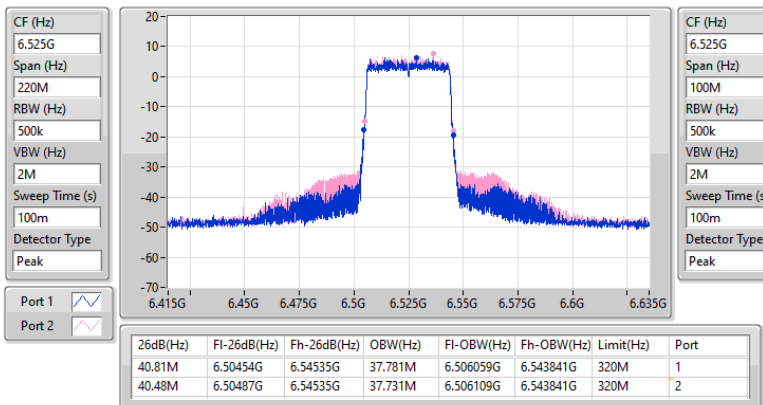


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6485MHz

24/11/2025

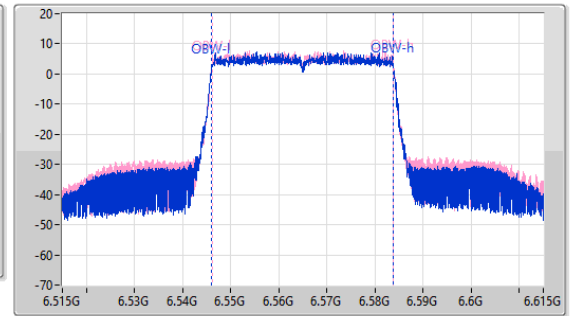
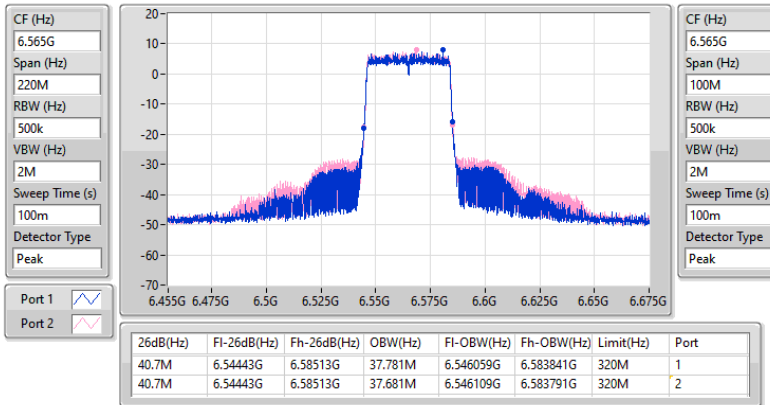

6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6525MHz

24/11/2025

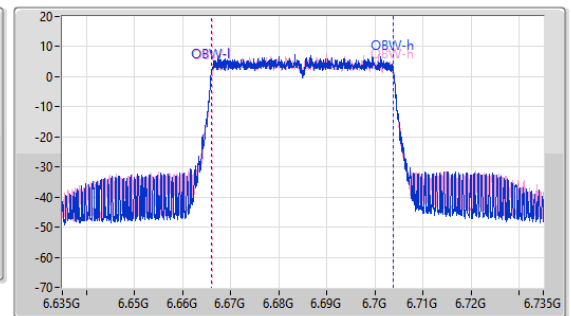
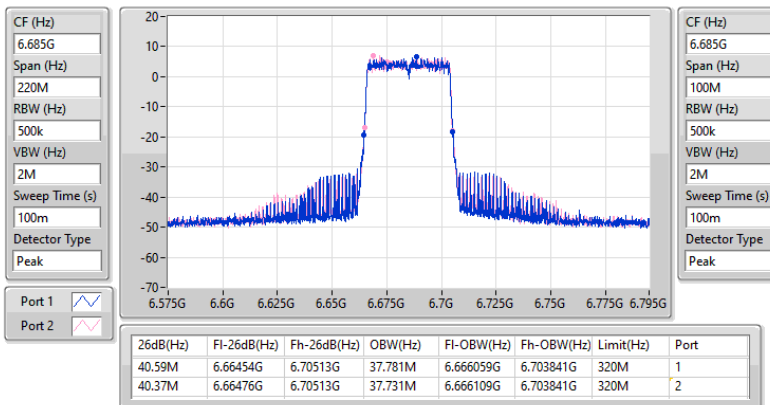


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6565MHz

24/11/2025

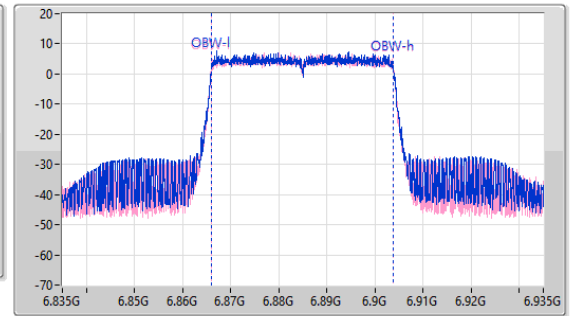
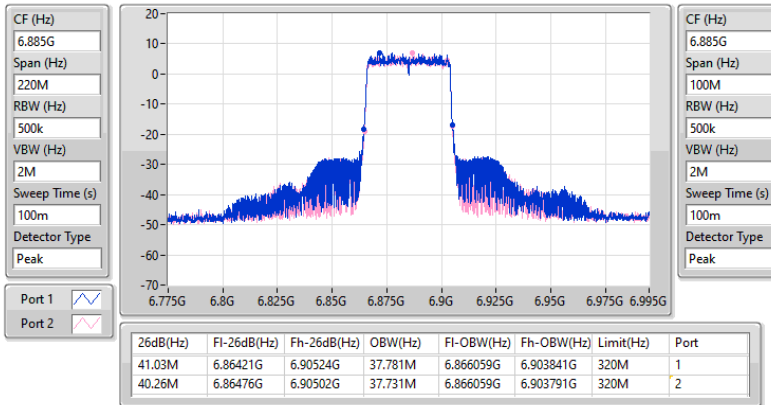

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6685MHz

24/11/2025

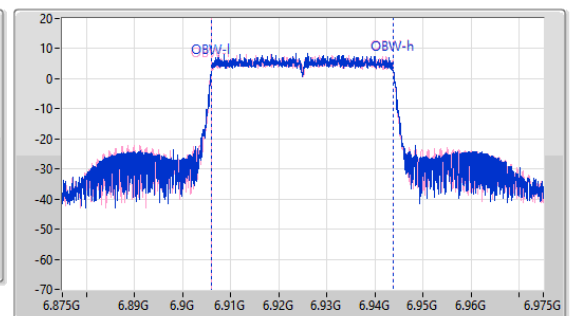
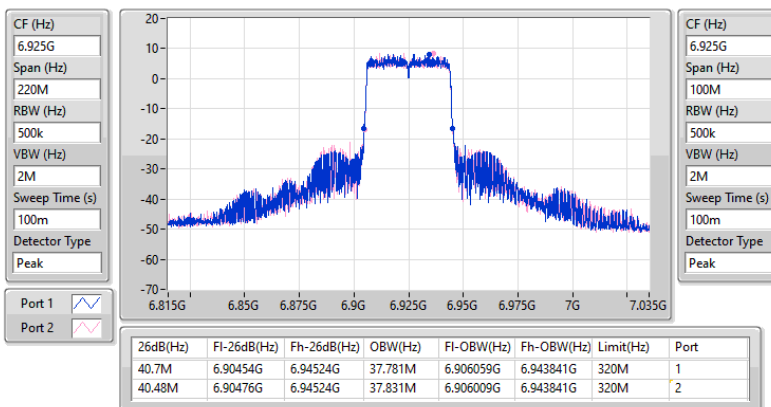


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6885MHz

24/11/2025

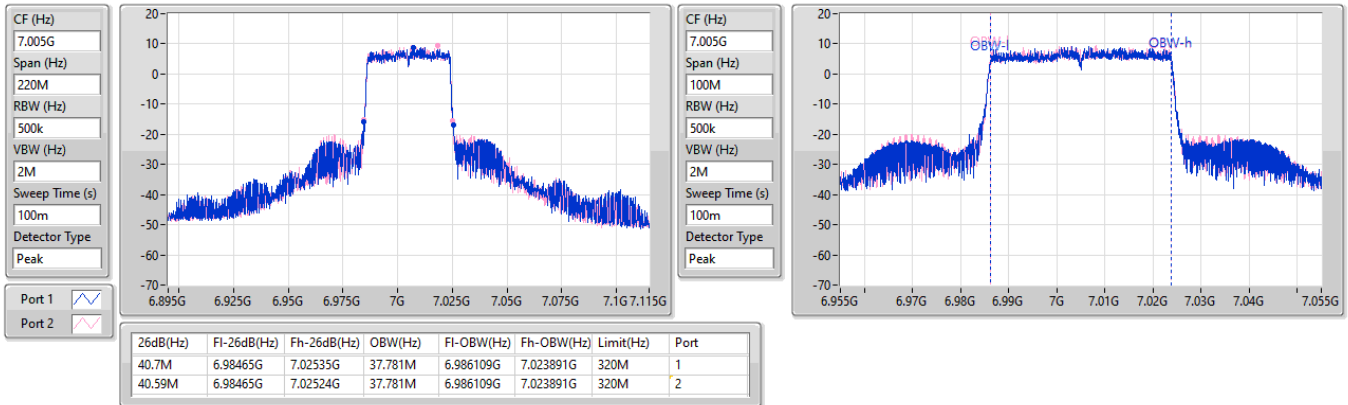

6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6925MHz

24/11/2025

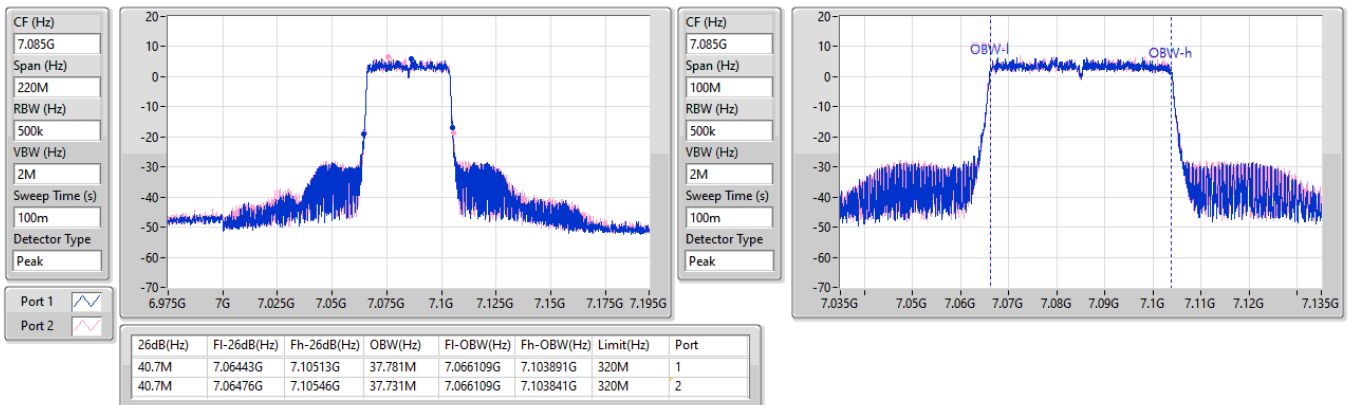


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
7005MHz

24/11/2025

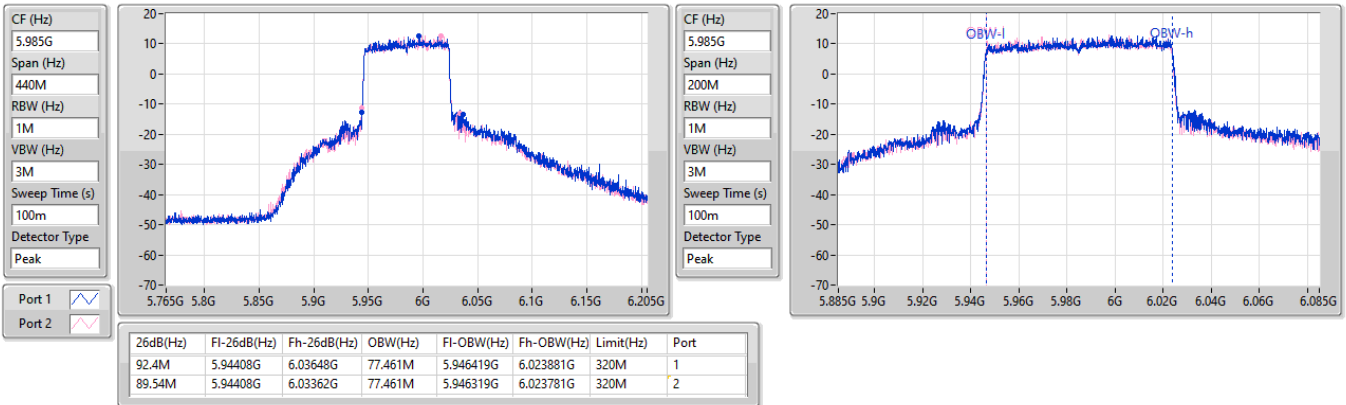

6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
7085MHz

24/11/2025

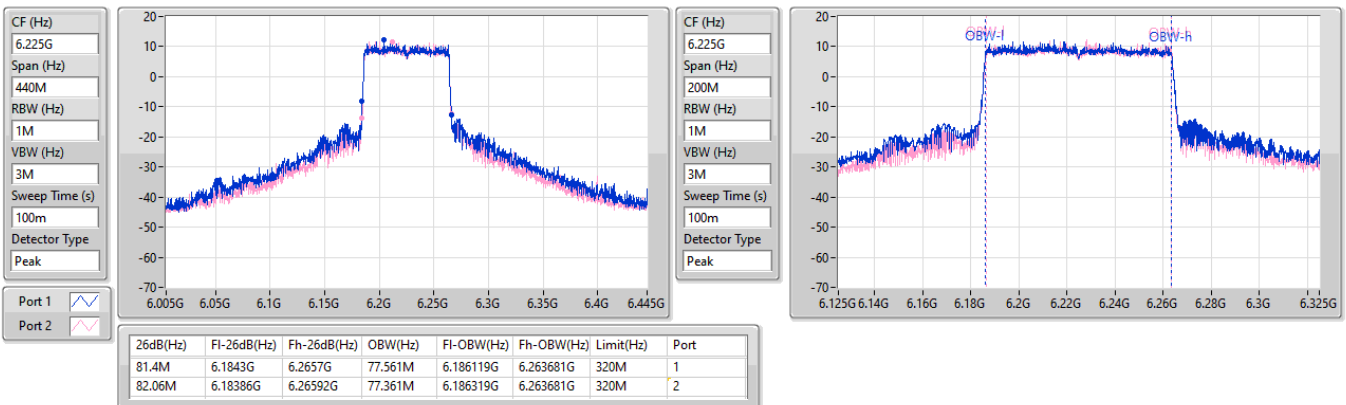


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5985MHz

24/11/2025

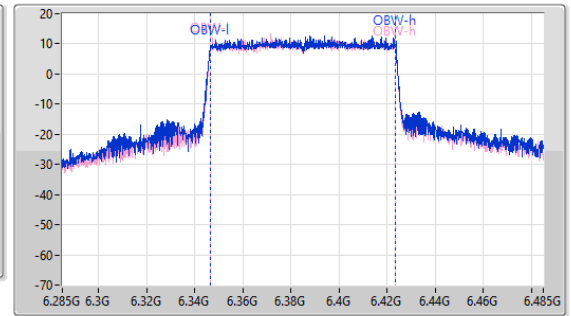
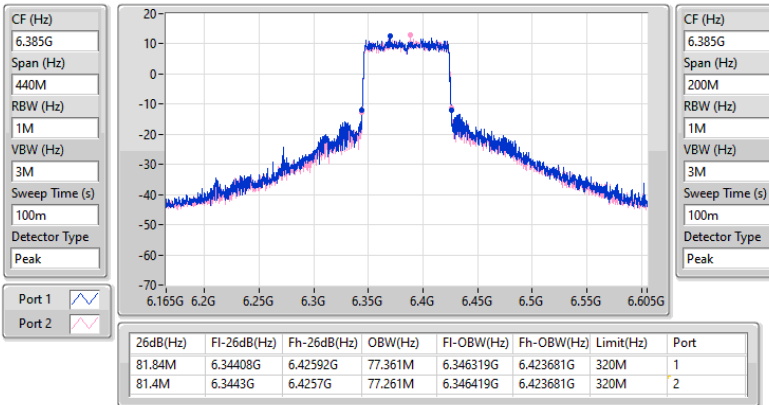

5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6225MHz

24/11/2025

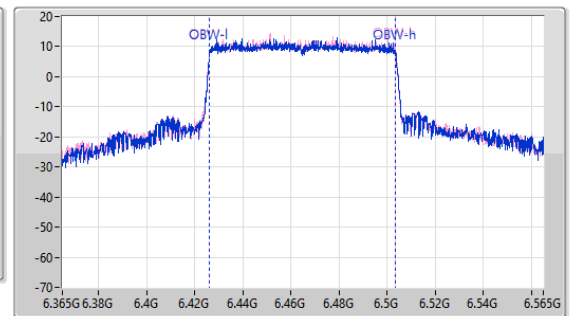
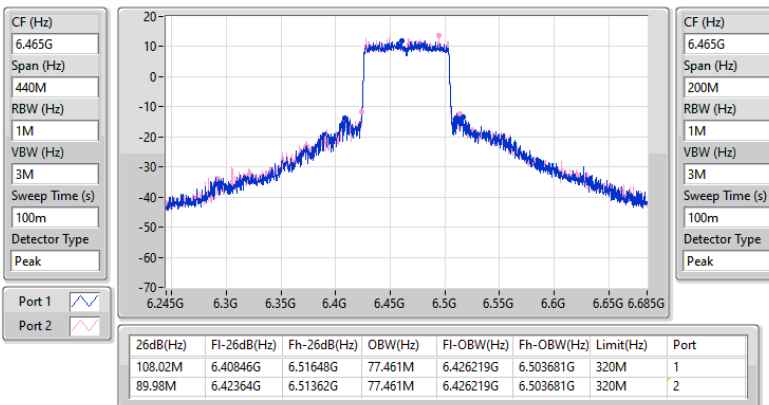


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6385MHz

24/11/2025

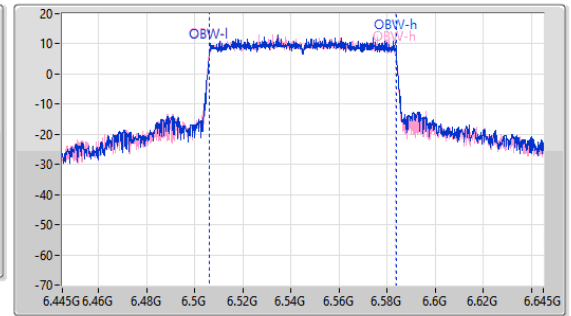
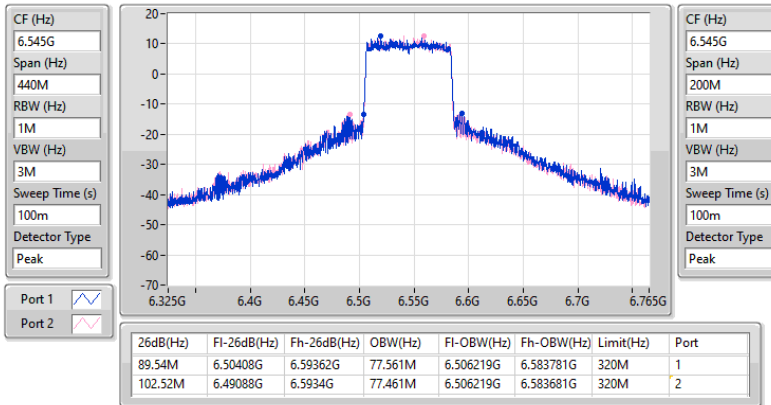

6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6465MHz

24/11/2025

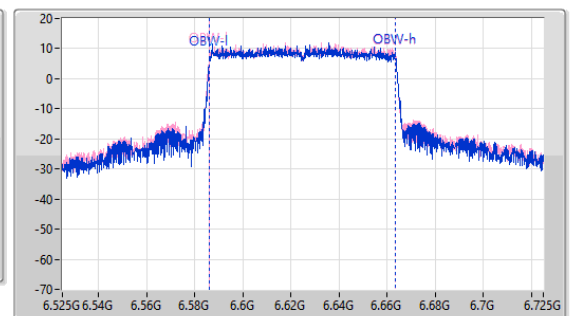
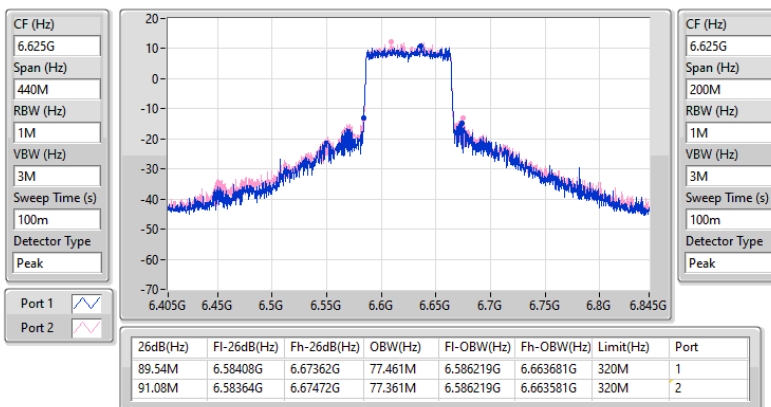


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EBW
6545MHz

24/11/2025

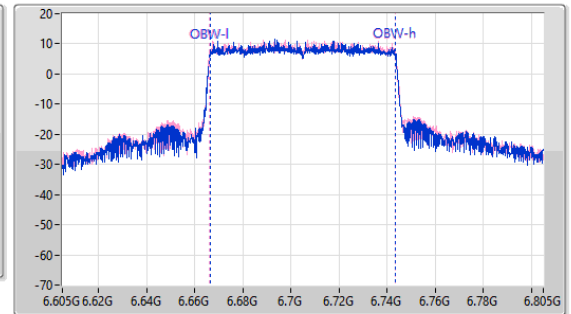
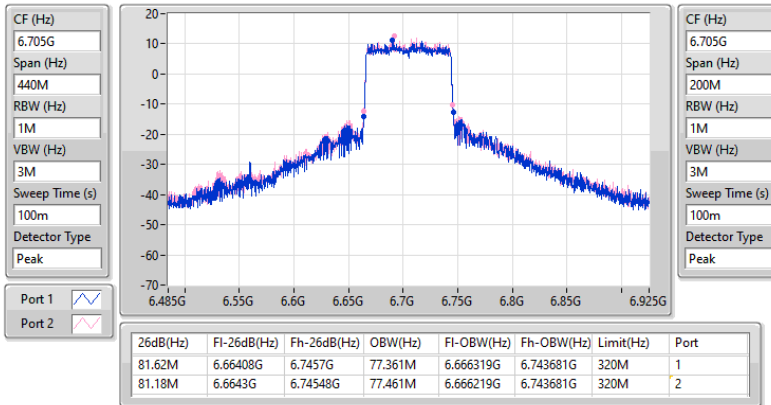

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6625MHz

24/11/2025

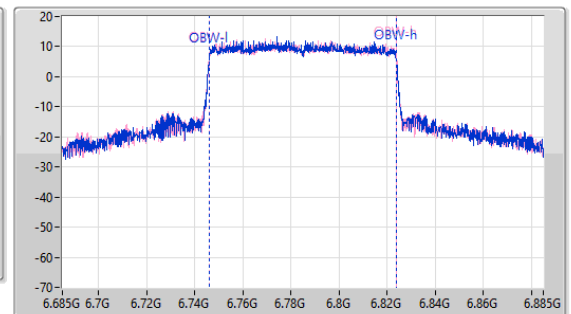
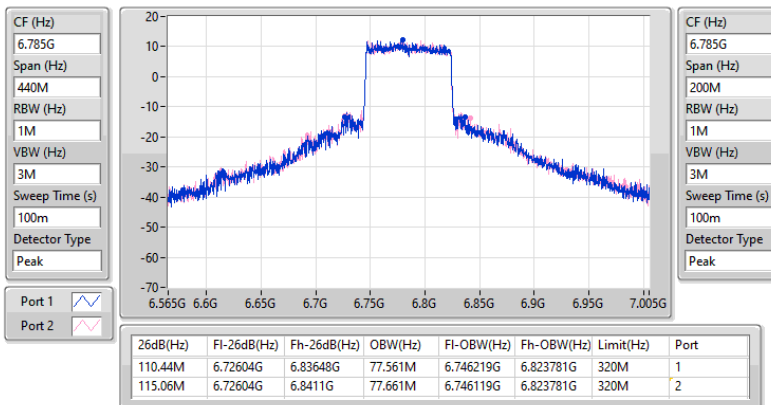


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6705MHz

24/11/2025

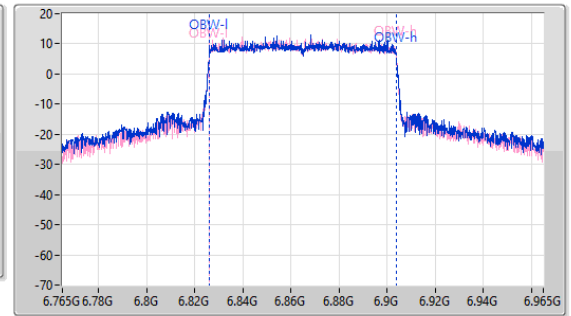
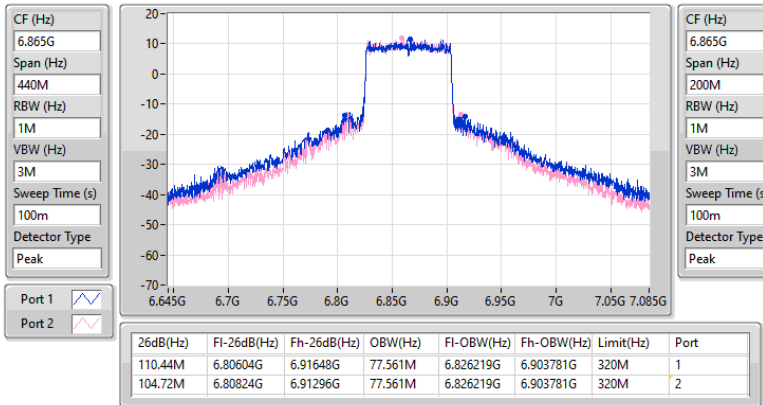

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6785MHz

24/11/2025

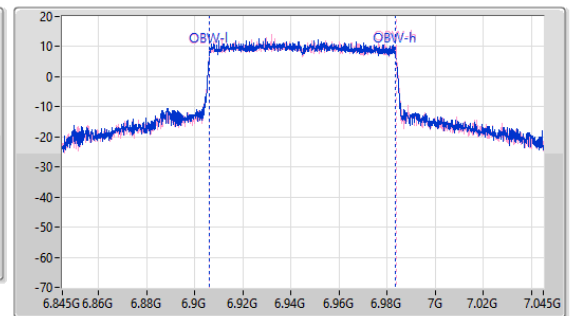
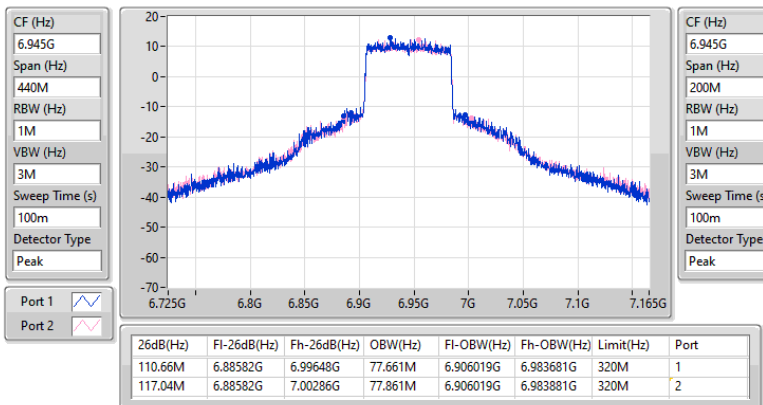


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6865MHz

24/11/2025

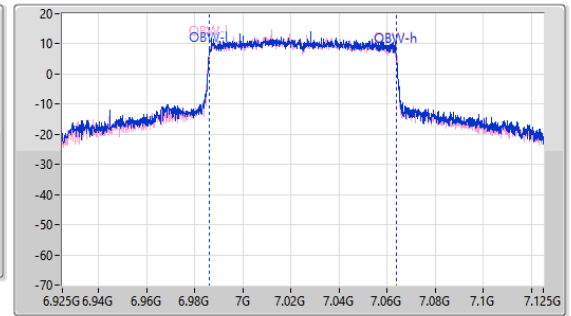
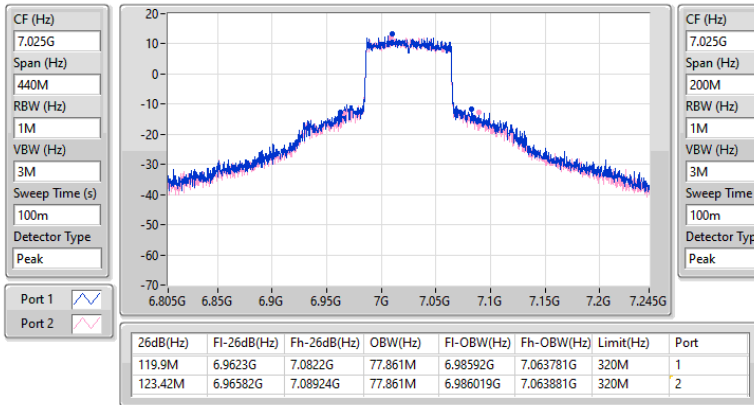

6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6945MHz

24/11/2025

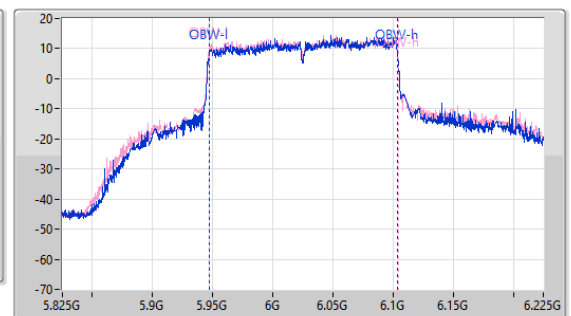
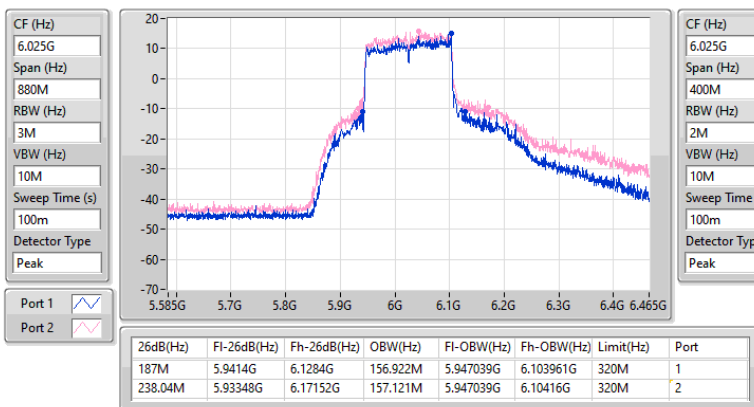


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
7025MHz

24/11/2025

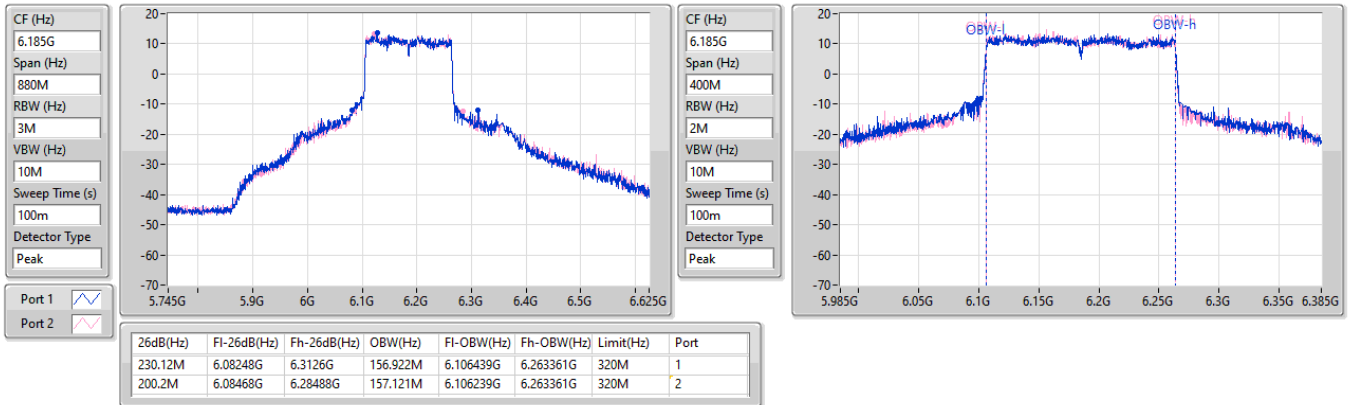

5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6025MHz

24/11/2025

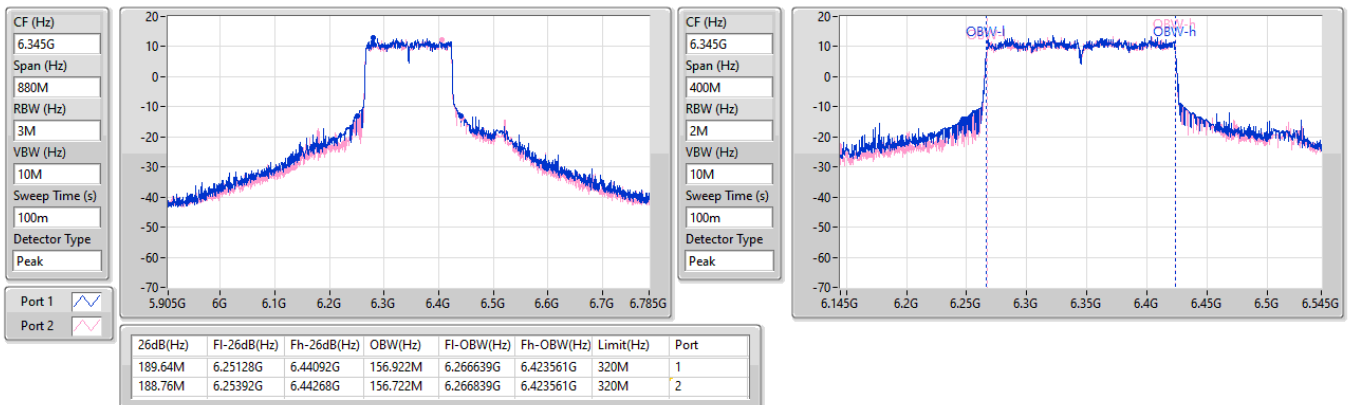


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EBW
6185MHz

24/11/2025

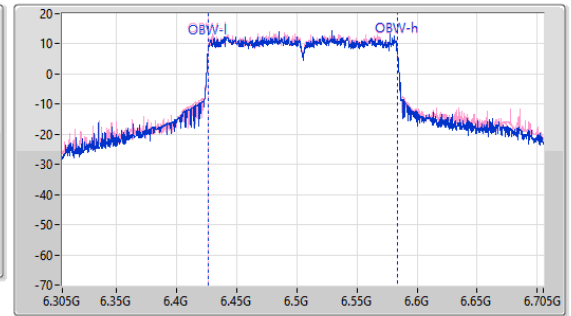
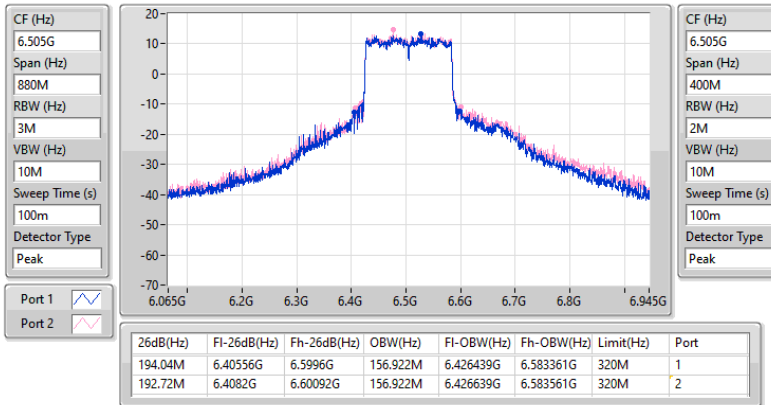

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EBW
6345MHz

24/11/2025

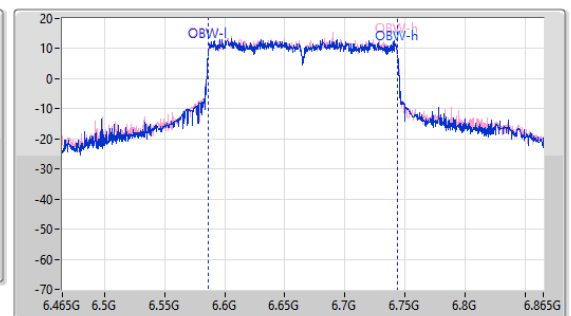
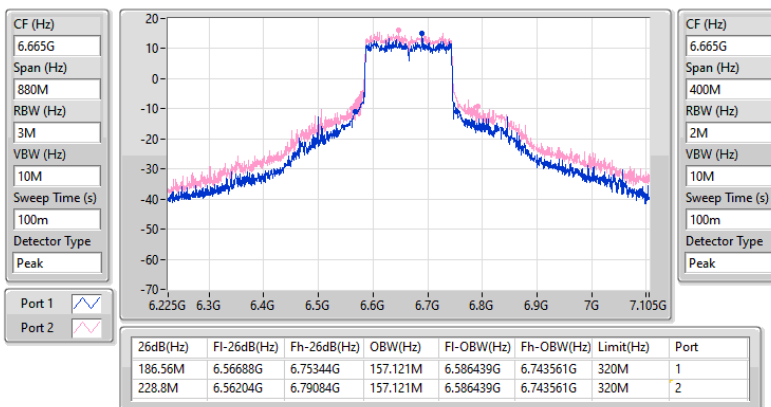


6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6505MHz

24/11/2025

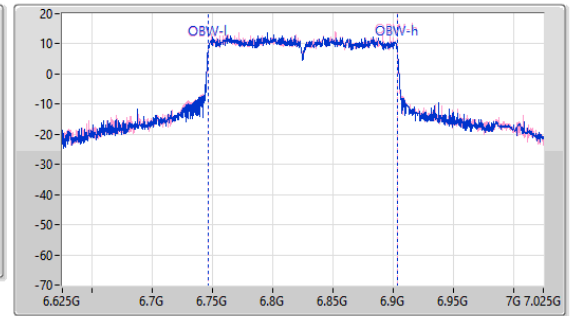
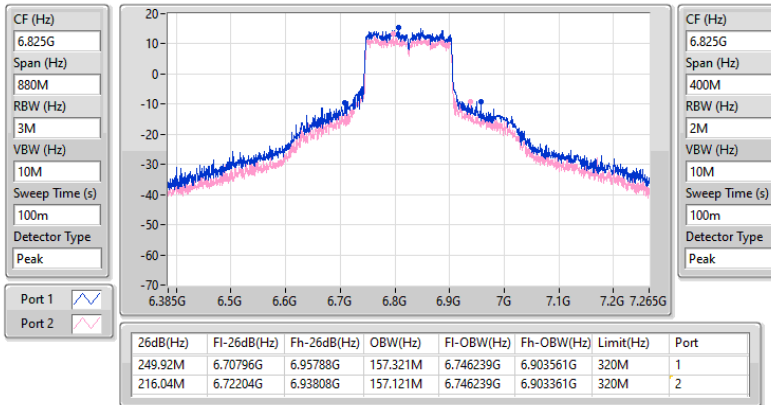

6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6665MHz

24/11/2025

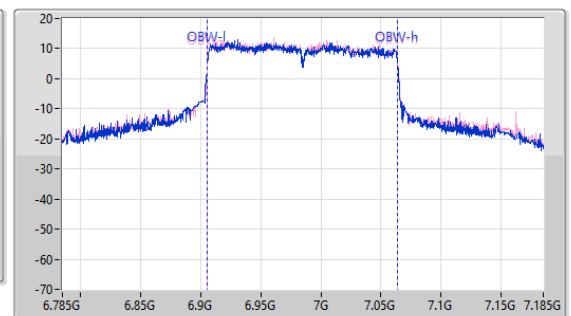
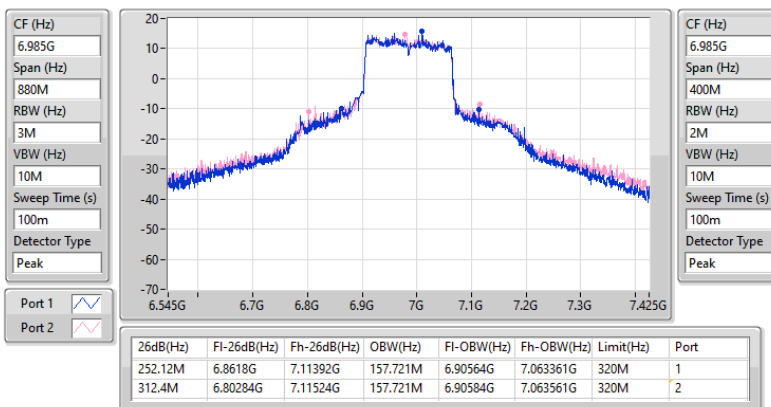


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6825MHz

24/11/2025

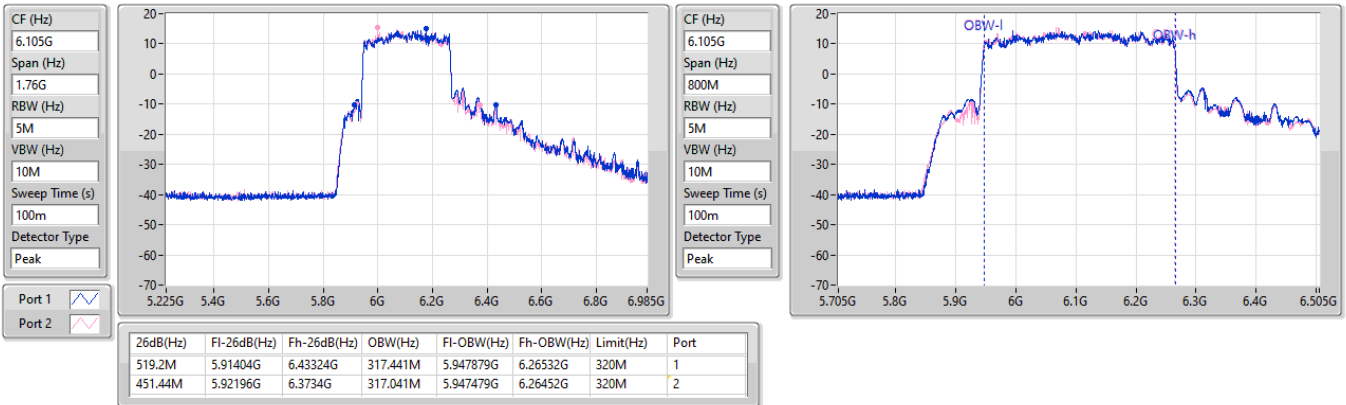

6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6985MHz

24/11/2025

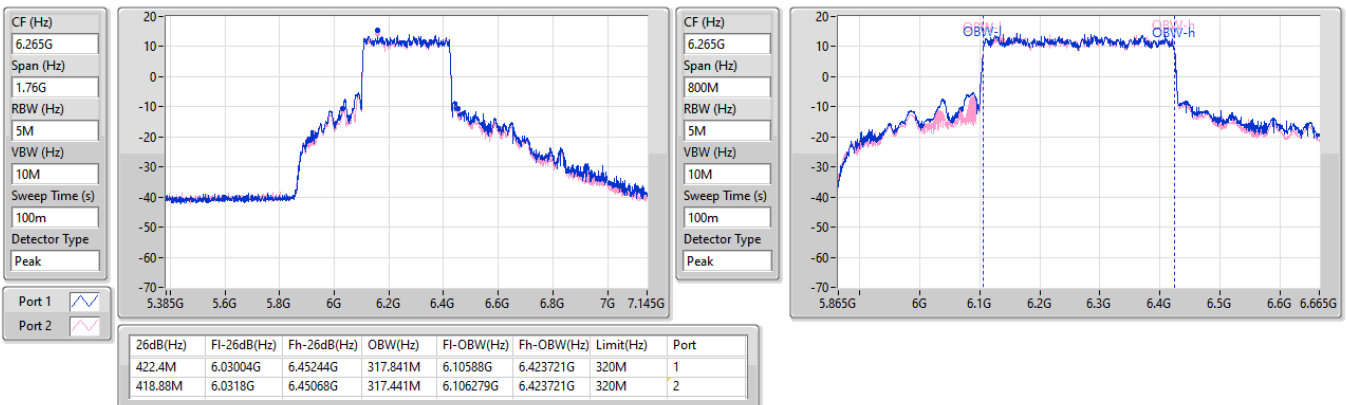


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EBW
6105MHz

24/11/2025

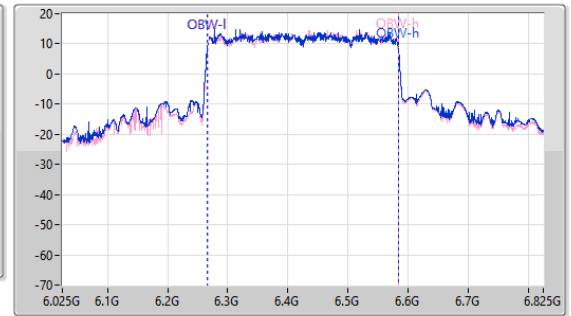
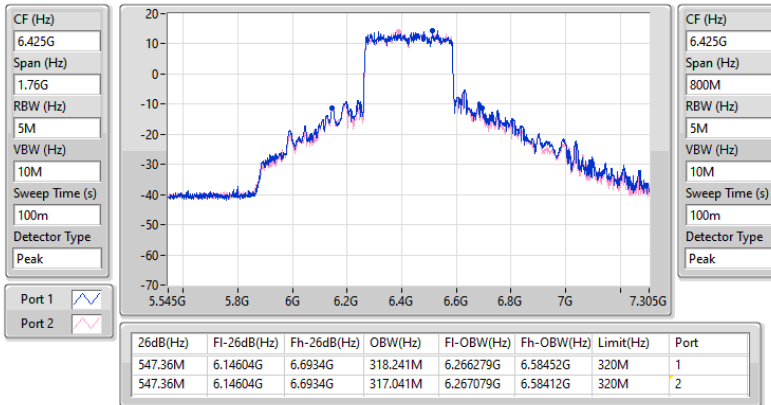

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EBW
6265MHz

24/11/2025

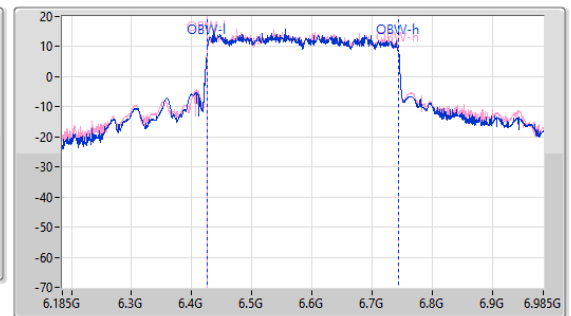
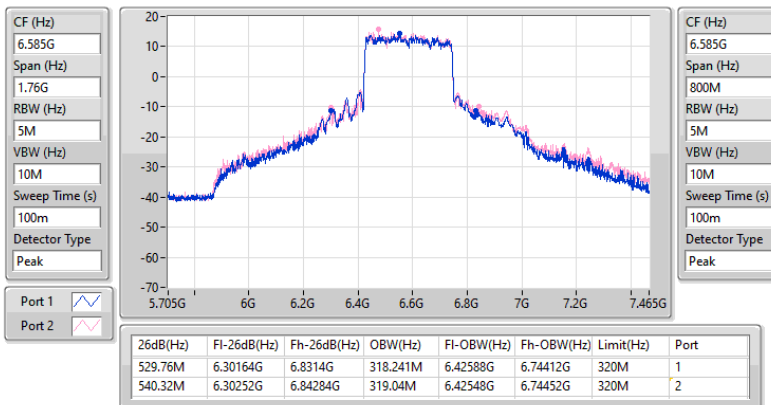


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EBW
6425MHz

24/11/2025

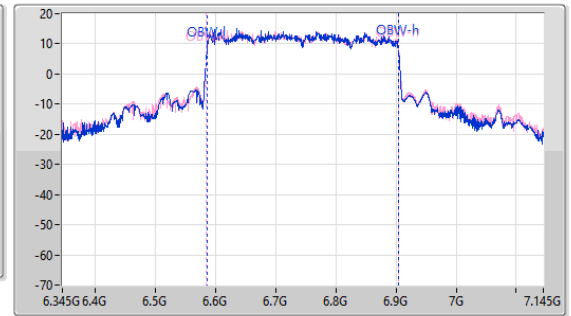
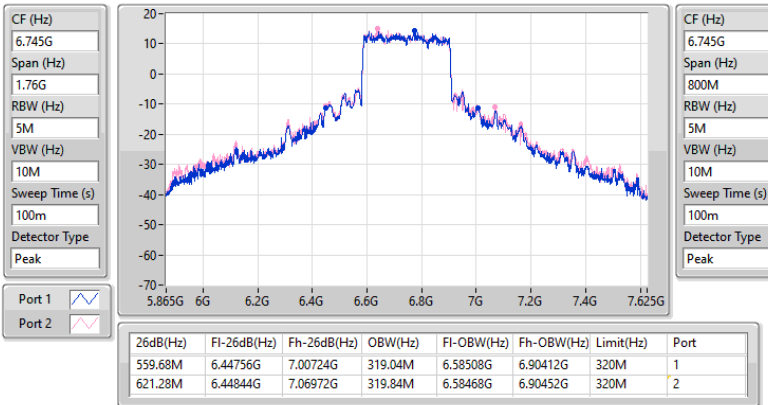

6.425-6.525GHz_802.11be EHT320_Nss1,(MCS0)_2TX
EBW
6585MHz

24/11/2025

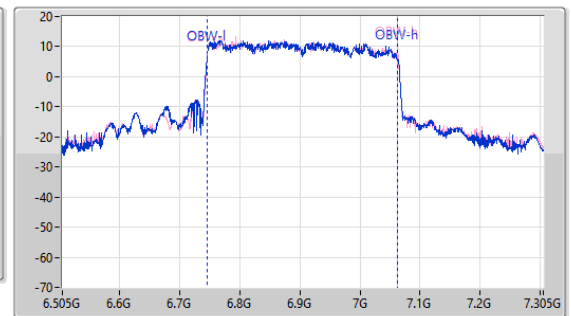
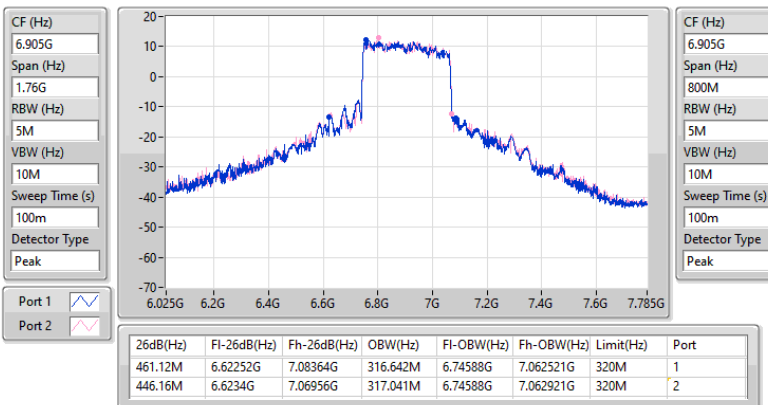


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_2TX
EBW
6745MHz

24/11/2025


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_2TX
EBW
6905MHz

24/11/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	21.505M	19.041M	19M0D1D	21.12M	19.005M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	40.48M	37.758M	37M8D1D	39.27M	37.684M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	87.78M	77.312M	77M3D1D	80.52M	77.036M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	201.08M	156.862M	157MD1D	172.04M	156.269M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	573.76M	317.867M	318MD1D	453.2M	315.621M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	21.78M	19.037M	19M0D1D	21.065M	18.996M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	40.37M	37.791M	37M8D1D	39.71M	37.673M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	89.76M	77.251M	77M3D1D	80.96M	77.174M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	197.56M	156.518M	157MD1D	197.12M	156.279M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	541.2M	316.881M	317MD1D	535.92M	316.549M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	21.395M	19.09M	19M1D1D	21.065M	19.01M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	40.48M	37.778M	37M8D1D	39.16M	37.643M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	91.74M	77.273M	77M3D1D	80.96M	77.103M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	225.28M	156.813M	157MD1D	187.88M	156.254M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	659.12M	317.907M	318MD1D	506.88M	316.949M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	21.56M	19.109M	19M1D1D	21.065M	18.956M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	40.37M	37.771M	37M8D1D	39.6M	37.641M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	82.06M	77.252M	77M3D1D	80.52M	77.068M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	187M	156.73M	157MD1D	183.04M	156.301M

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

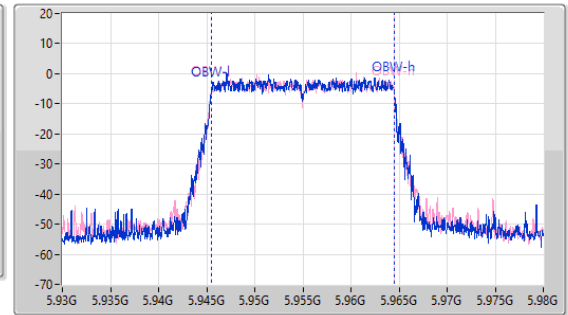
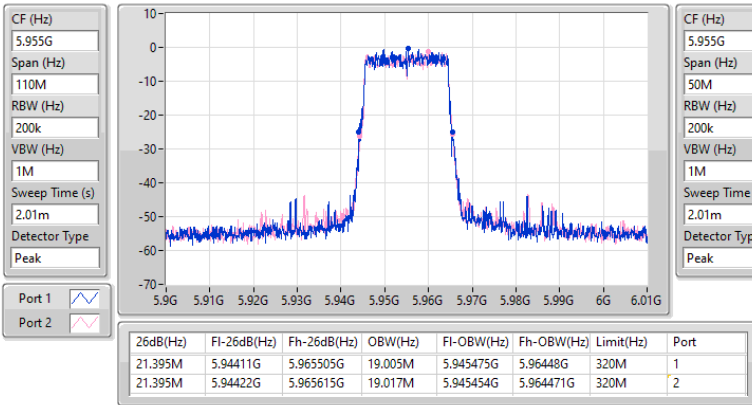
**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	320M	21.395M	19.005M	21.395M	19.017M
6195MHz	Pass	320M	21.175M	19.041M	21.12M	19.01M
6415MHz	Pass	320M	21.23M	19.01M	21.505M	19.024M
6435MHz	Pass	320M	21.78M	19.028M	21.615M	19.031M
6475MHz	Pass	320M	21.725M	19.031M	21.56M	18.996M
6515MHz	Pass	320M	21.065M	19.037M	21.285M	19.033M
6535MHz	Pass	320M	21.065M	19.09M	21.23M	19.01M
6695MHz	Pass	320M	21.23M	19.053M	21.12M	19.022M
6875MHz	Pass	320M	21.395M	19.072M	21.395M	19.019M
6895MHz	Pass	320M	21.065M	18.988M	21.065M	19M
6995MHz	Pass	320M	21.56M	19.058M	21.12M	18.956M
7095MHz	Pass	320M	21.285M	19M	21.45M	19.109M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	320M	40.48M	37.739M	39.71M	37.73M
6205MHz	Pass	320M	40.15M	37.723M	39.6M	37.684M
6405MHz	Pass	320M	39.27M	37.758M	39.93M	37.726M
6445MHz	Pass	320M	40.37M	37.757M	40.15M	37.777M
6485MHz	Pass	320M	40.26M	37.673M	40.26M	37.791M
6525MHz	Pass	320M	40.26M	37.749M	39.71M	37.705M
6565MHz	Pass	320M	39.16M	37.66M	39.6M	37.643M
6685MHz	Pass	320M	40.48M	37.778M	40.04M	37.67M
6885MHz	Pass	320M	40.26M	37.689M	39.93M	37.7M
6925MHz	Pass	320M	40.37M	37.641M	39.6M	37.688M
7005MHz	Pass	320M	40.04M	37.694M	40.37M	37.764M
7085MHz	Pass	320M	40.37M	37.771M	39.93M	37.652M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	320M	87.78M	77.188M	80.52M	77.036M
6225MHz	Pass	320M	81.62M	77.187M	81.18M	77.312M
6385MHz	Pass	320M	81.18M	77.271M	81.4M	77.161M
6465MHz	Pass	320M	81.4M	77.174M	80.96M	77.198M
6545MHz	Pass	320M	89.32M	77.251M	89.76M	77.198M
6625MHz	Pass	320M	91.74M	77.257M	89.54M	77.142M
6705MHz	Pass	320M	82.06M	77.188M	81.4M	77.103M
6785MHz	Pass	320M	80.96M	77.273M	81.4M	77.12M
6865MHz	Pass	320M	81.84M	77.262M	81.62M	77.211M
6945MHz	Pass	320M	80.52M	77.167M	80.74M	77.219M
7025MHz	Pass	320M	81.4M	77.252M	82.06M	77.068M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	320M	185.68M	156.269M	201.08M	156.353M
6185MHz	Pass	320M	173.8M	156.431M	172.04M	156.597M
6345MHz	Pass	320M	201.08M	156.862M	186.56M	156.7M
6505MHz	Pass	320M	197.12M	156.518M	197.56M	156.279M
6665MHz	Pass	320M	225.28M	156.78M	187.88M	156.254M
6825MHz	Pass	320M	188.76M	156.813M	192.28M	156.477M
6985MHz	Pass	320M	183.04M	156.73M	187M	156.301M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	320M	514.8M	315.621M	453.2M	316.024M
6265MHz	Pass	320M	573.76M	317.867M	545.6M	316.964M
6425MHz	Pass	320M	566.72M	317.29M	545.6M	316.689M
6585MHz	Pass	320M	541.2M	316.881M	535.92M	316.549M
6745MHz	Pass	320M	659.12M	317.907M	546.48M	316.949M
6905MHz	Pass	320M	506.88M	317.753M	507.76M	317.437M

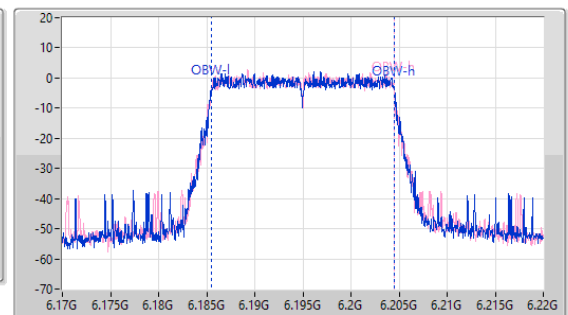
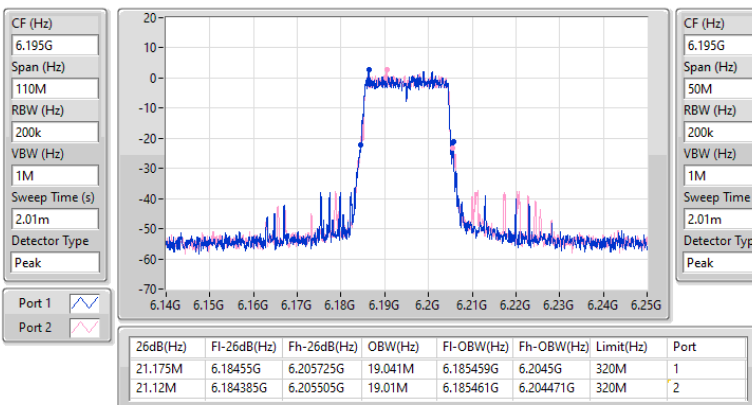
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
5955MHz

15/11/2025

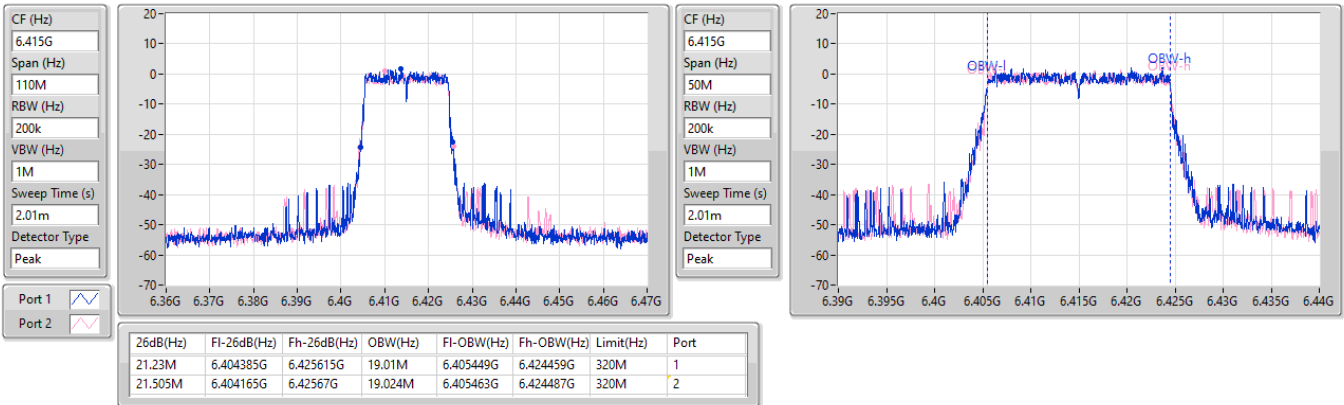

5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
6195MHz

15/11/2025

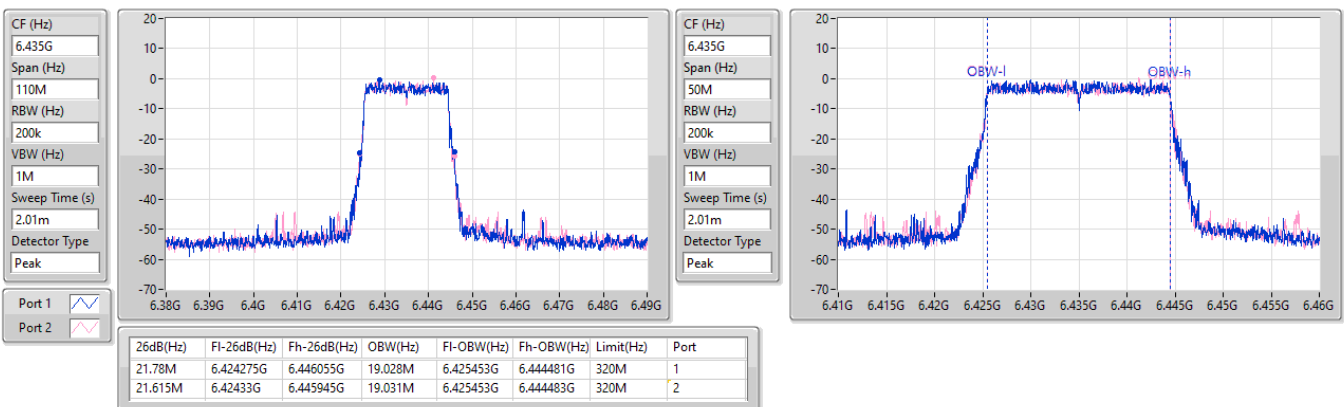


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
6415MHz

15/11/2025

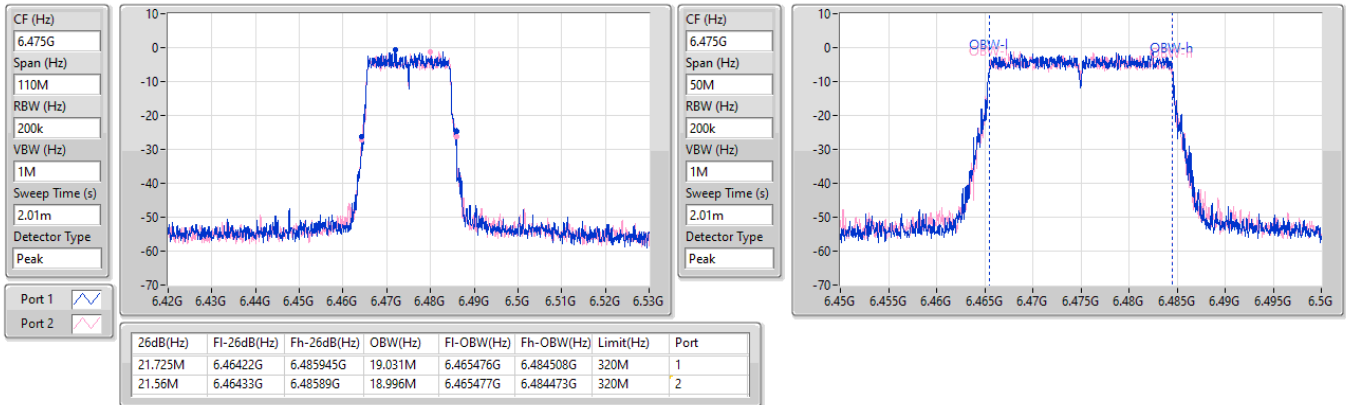

6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
6435MHz

15/11/2025

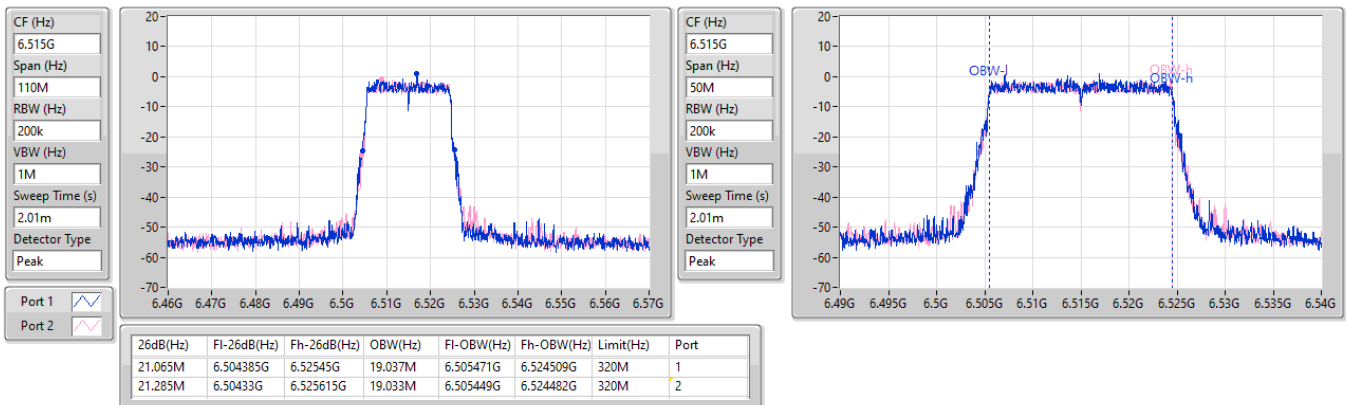


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
6475MHz

15/11/2025

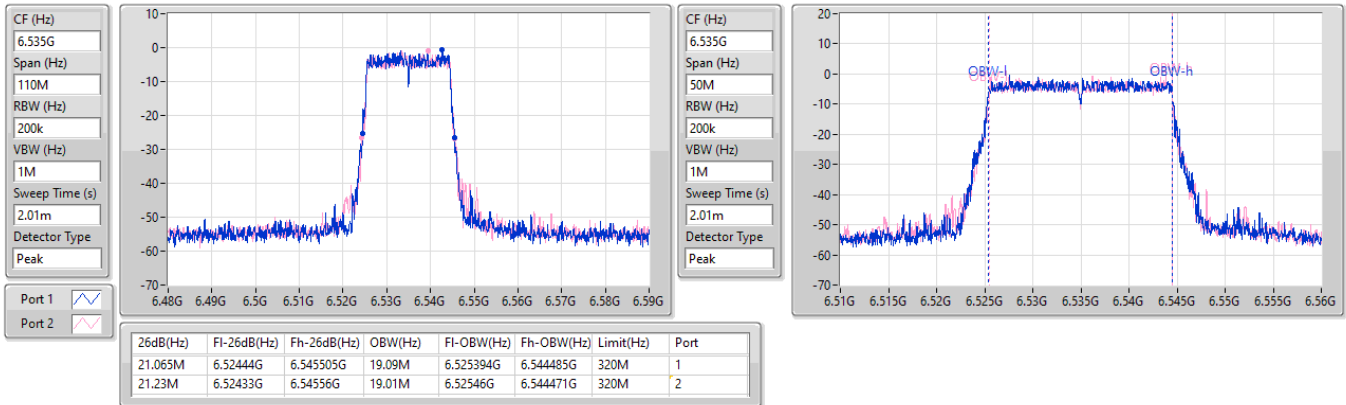

6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
6515MHz

15/11/2025

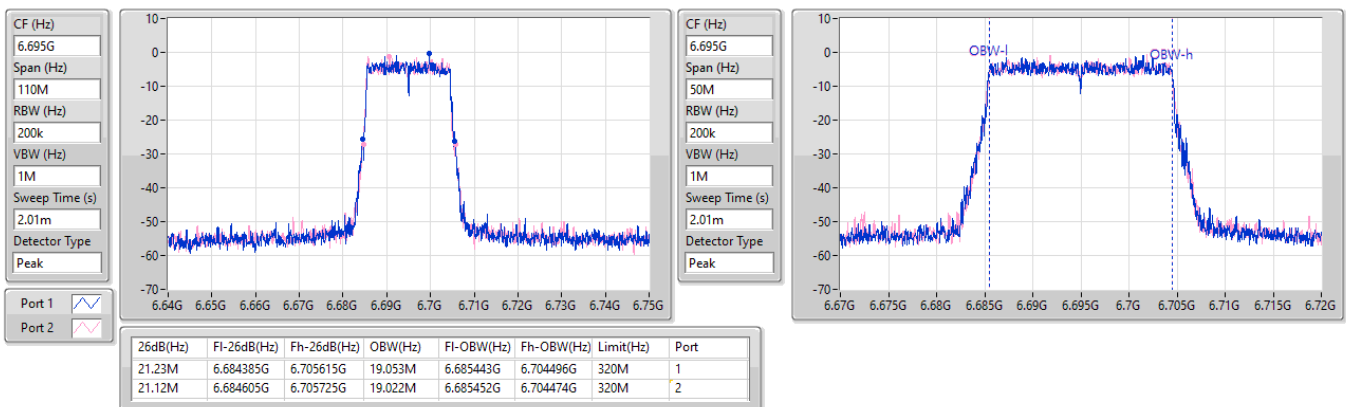


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
6535MHz

15/11/2025

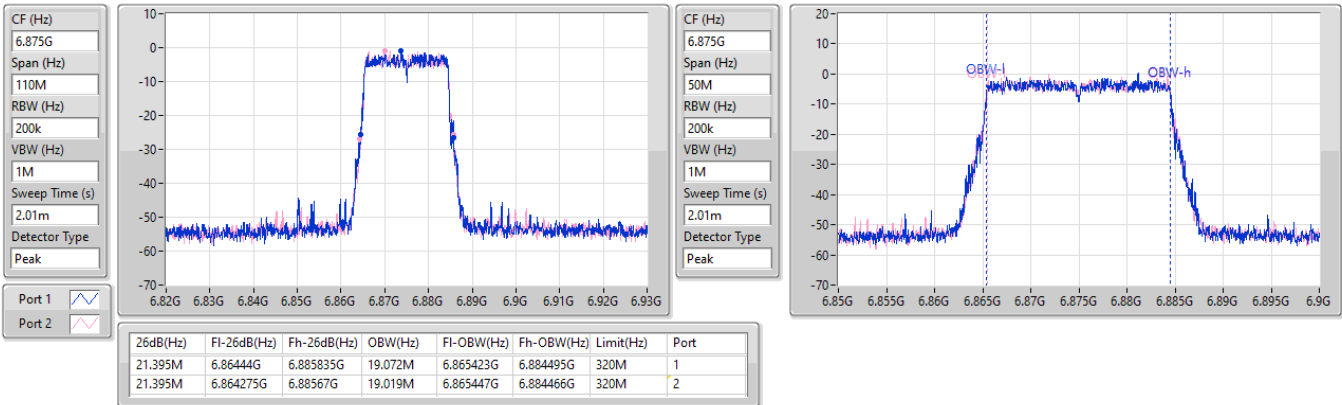

6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
6695MHz

15/11/2025

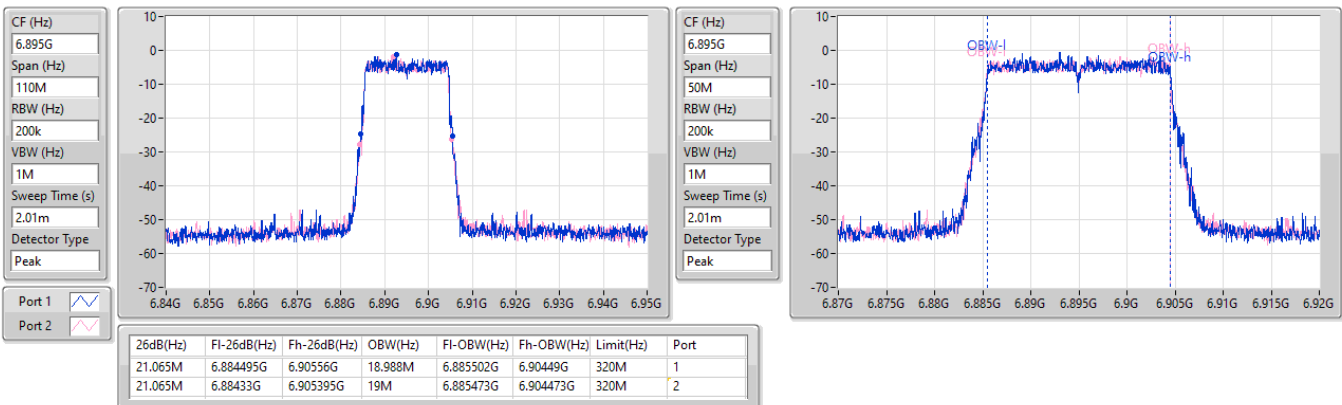


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
6875MHz

15/11/2025

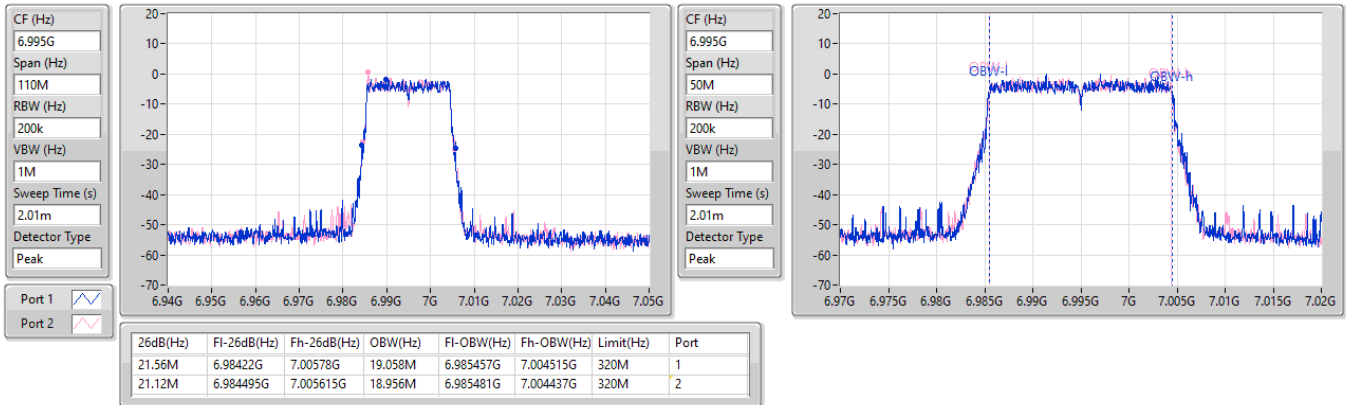

6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
6895MHz

15/11/2025

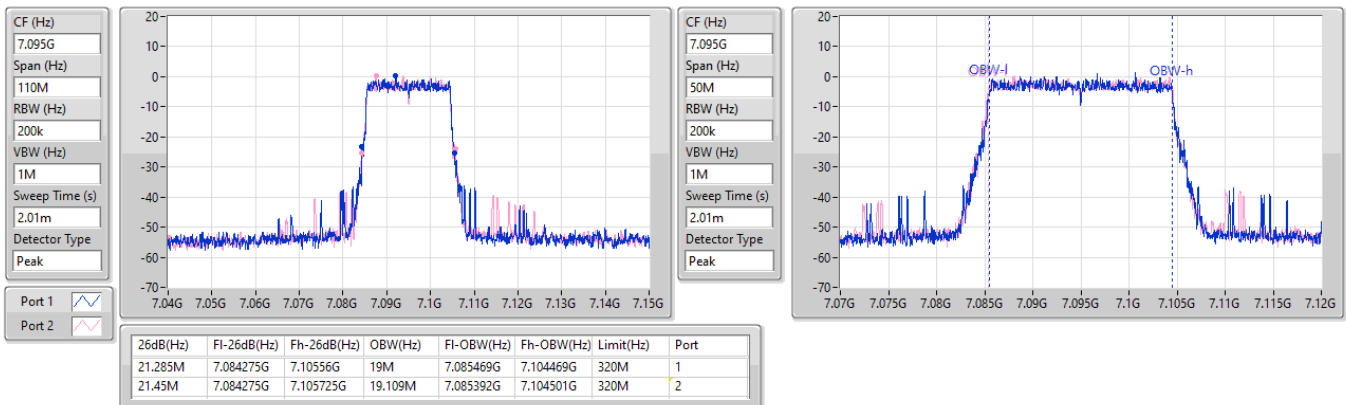


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
6995MHz

15/11/2025

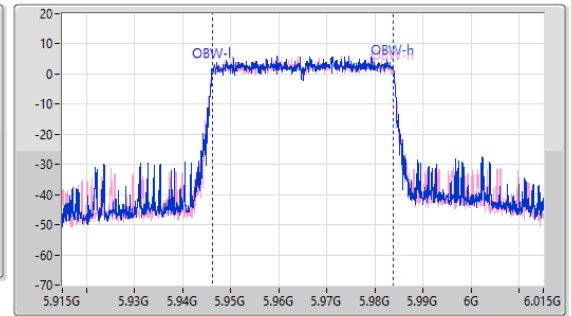
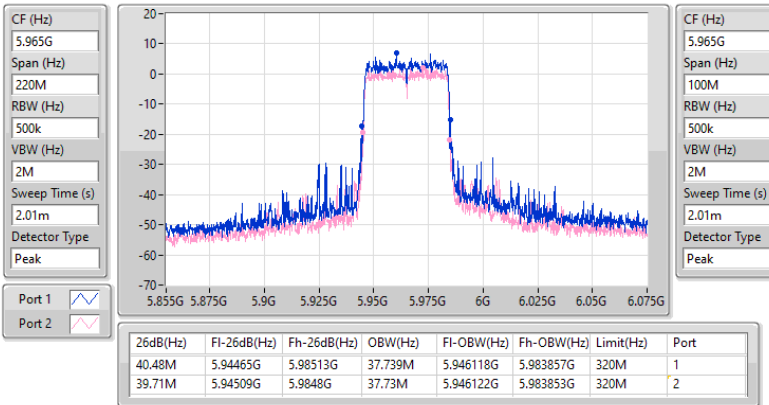

6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
7095MHz

15/11/2025

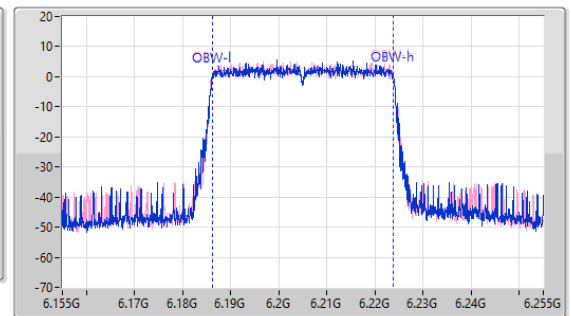
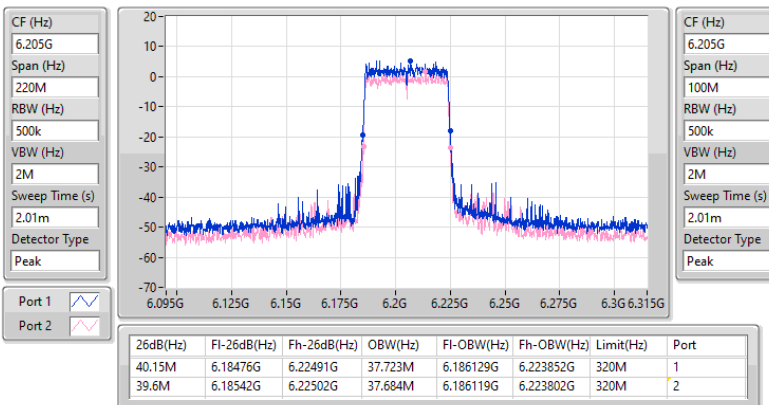


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX
EBW
5965MHz

15/11/2025

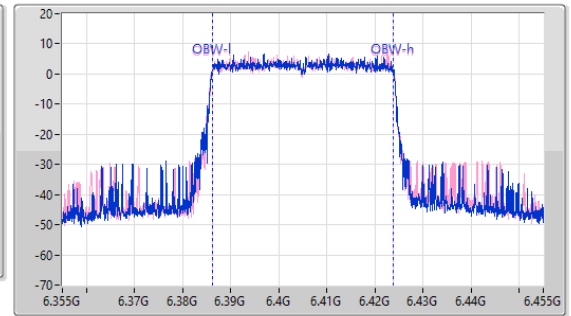
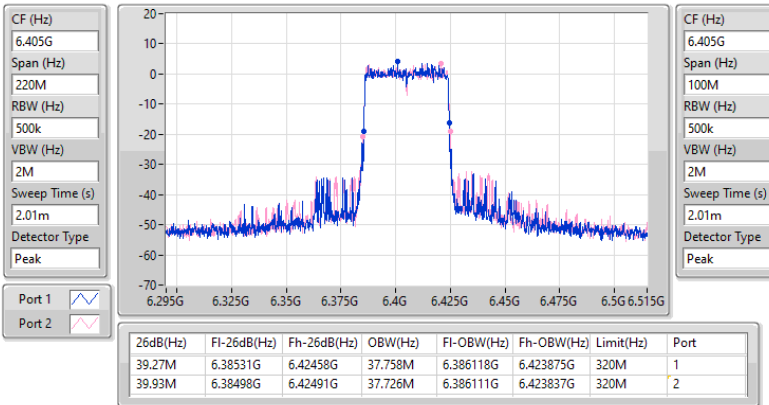

5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX
EBW
6205MHz

15/11/2025

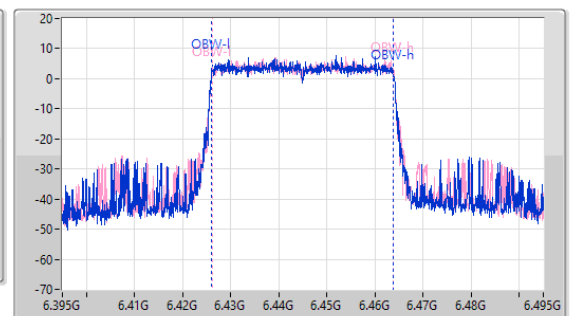
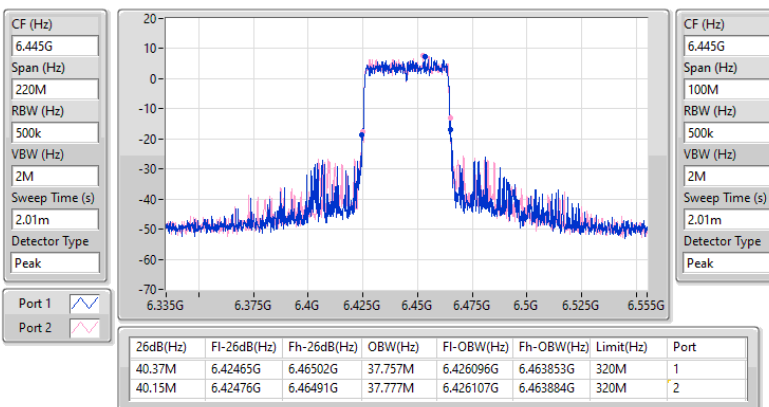


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX
EBW
6405MHz

15/11/2025

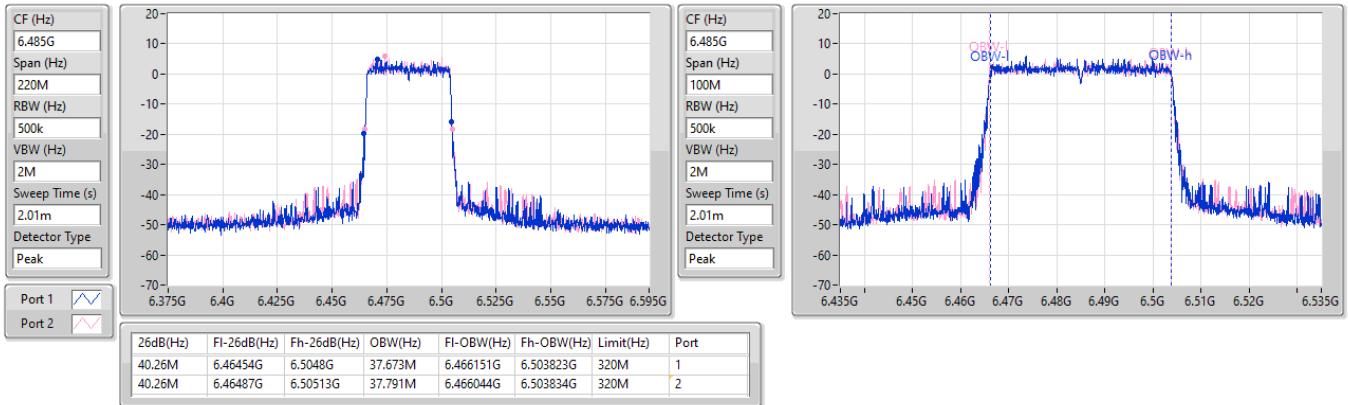

6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX
EBW
6445MHz

15/11/2025

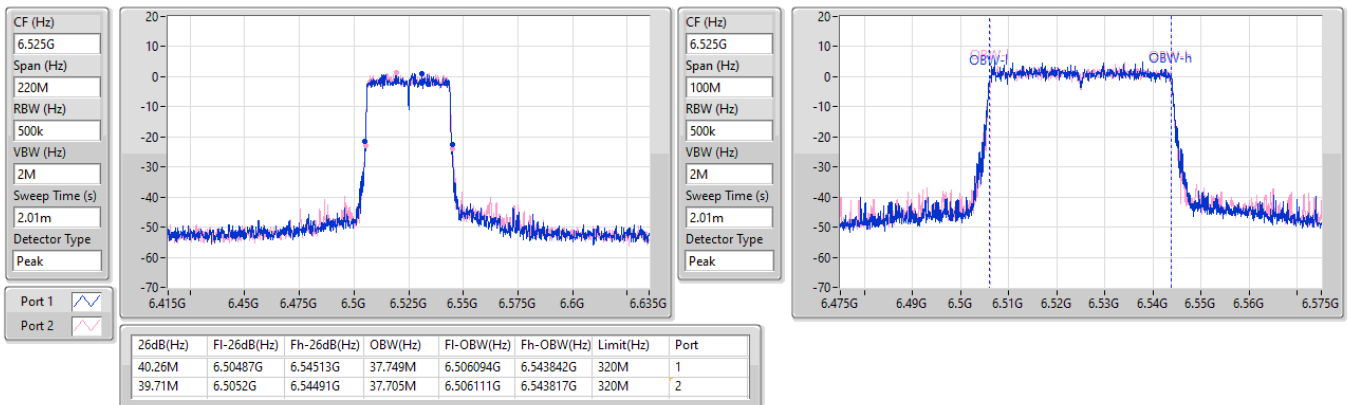


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX
EBW
6485MHz

15/11/2025

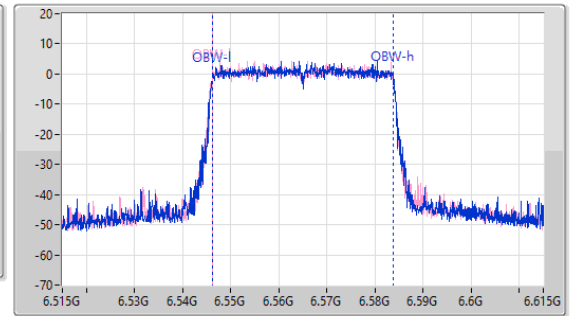
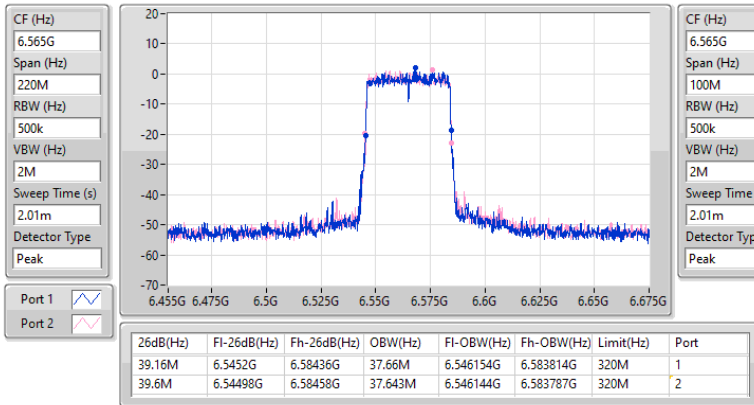

6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX
EBW
6525MHz

15/11/2025

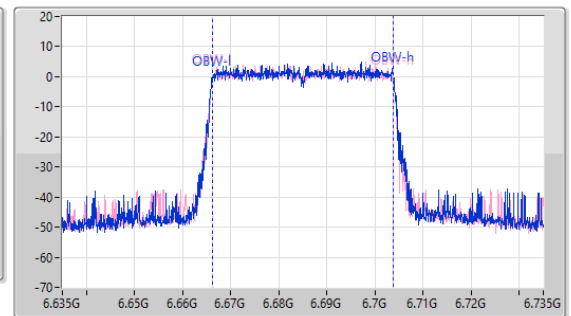
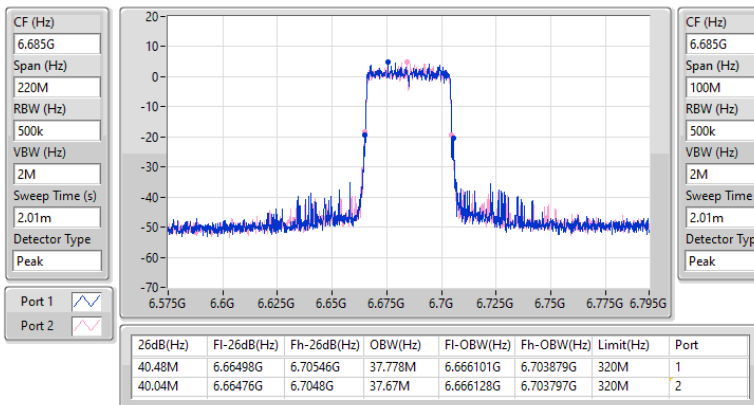


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX
EBW
6565MHz

15/11/2025

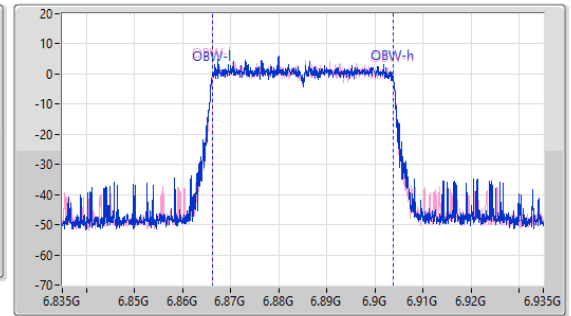
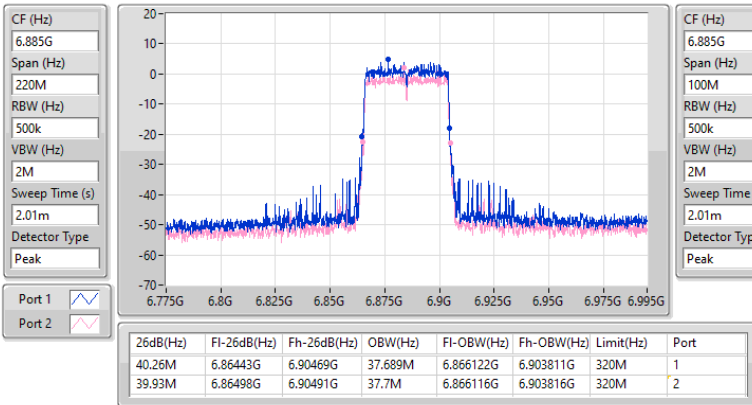

6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX
EBW
6685MHz

15/11/2025

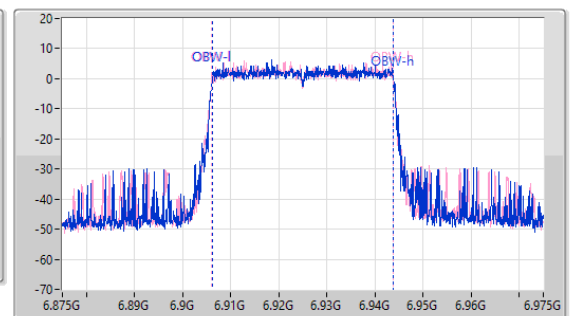
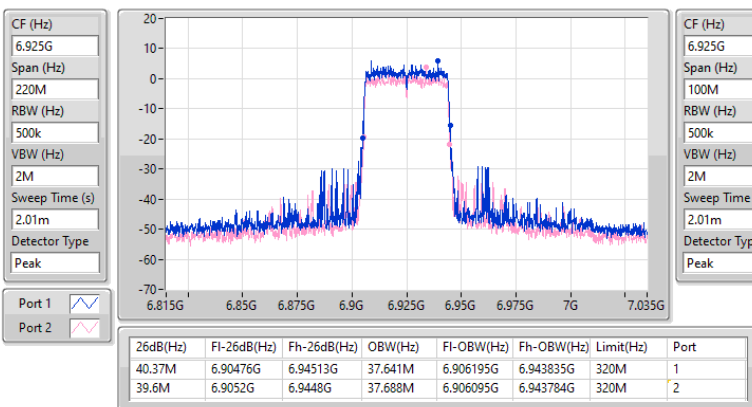


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX
EBW
6885MHz

15/11/2025

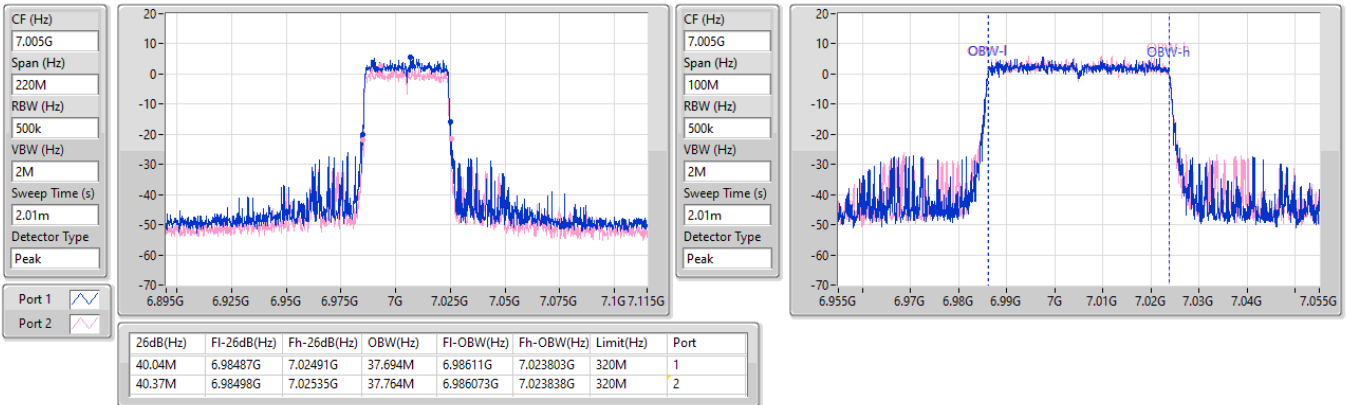

6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX
EBW
6925MHz

15/11/2025

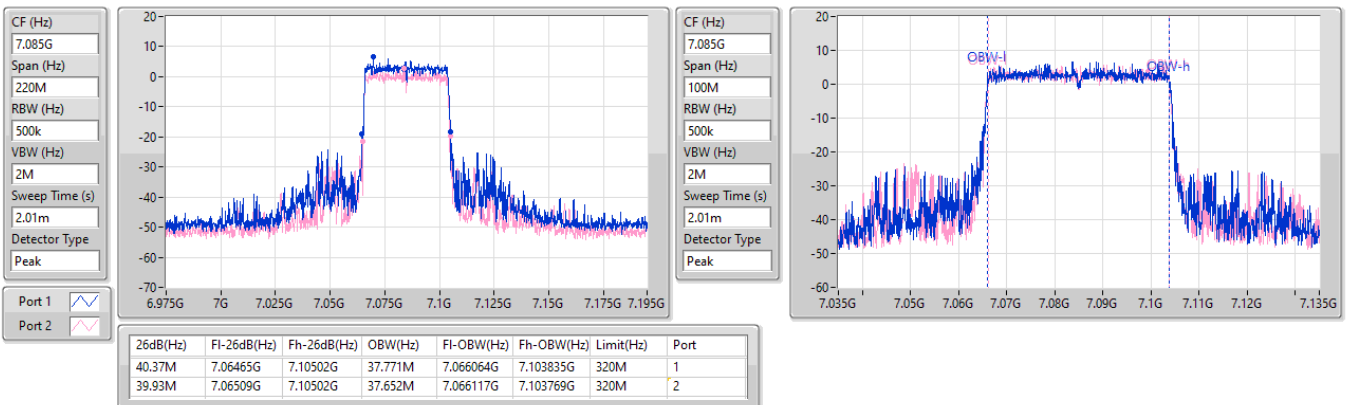


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX
EBW
7005MHz

15/11/2025

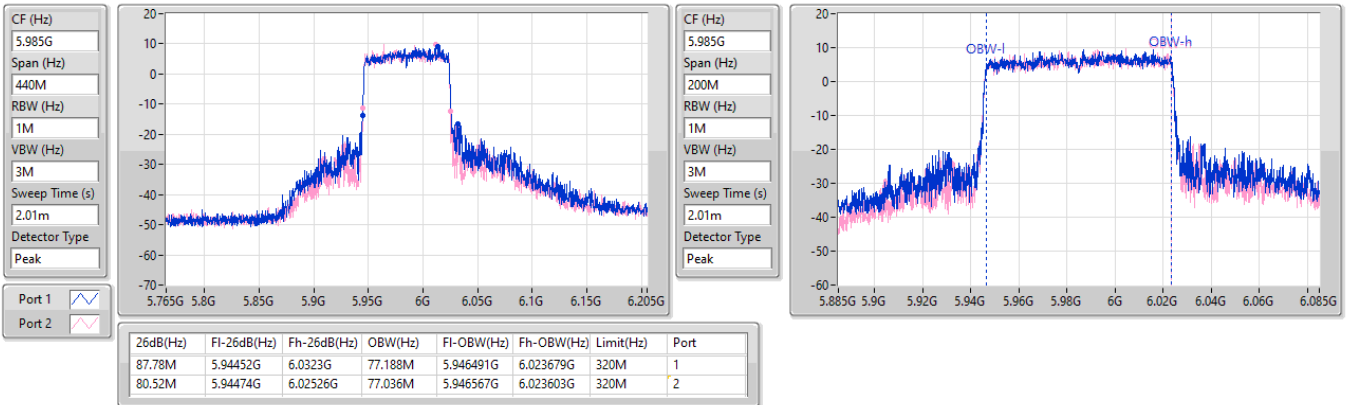

6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX
EBW
7085MHz

15/11/2025

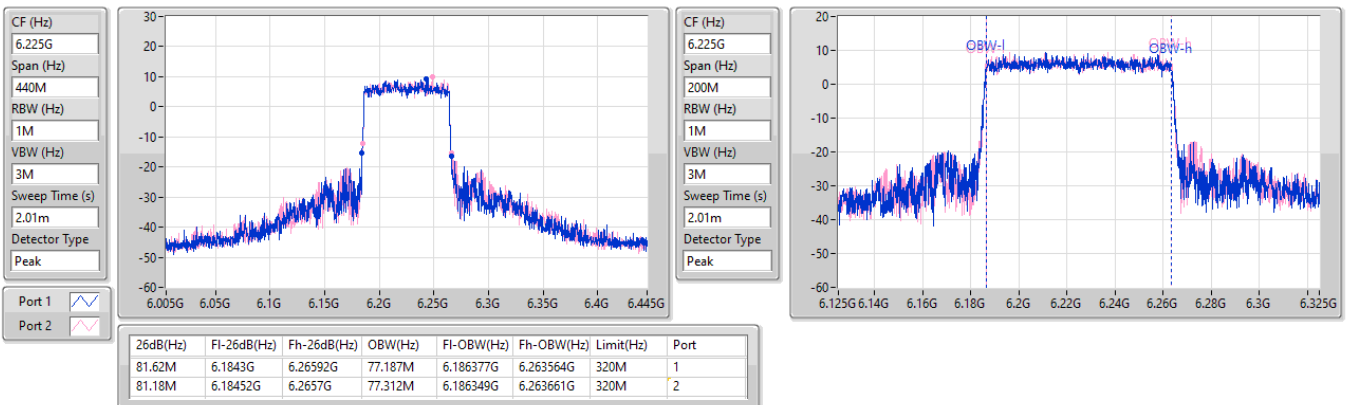


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX
EBW
5985MHz

15/11/2025

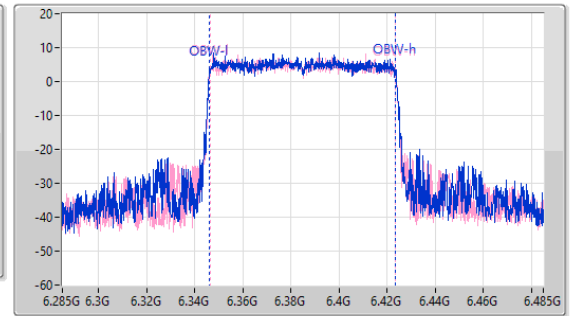
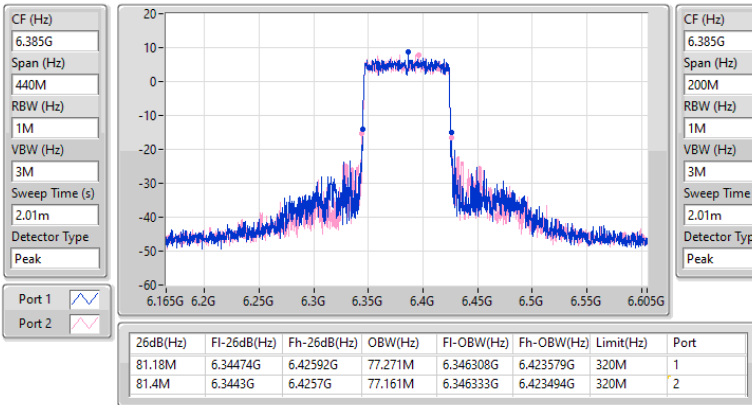

5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX
EBW
6225MHz

15/11/2025

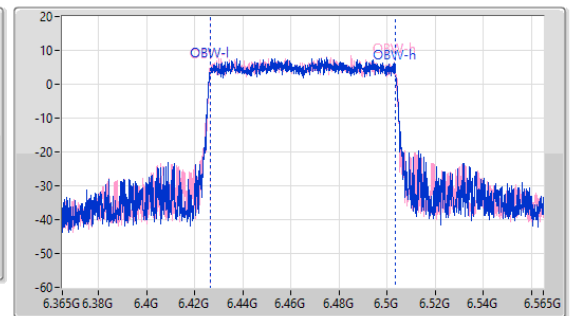
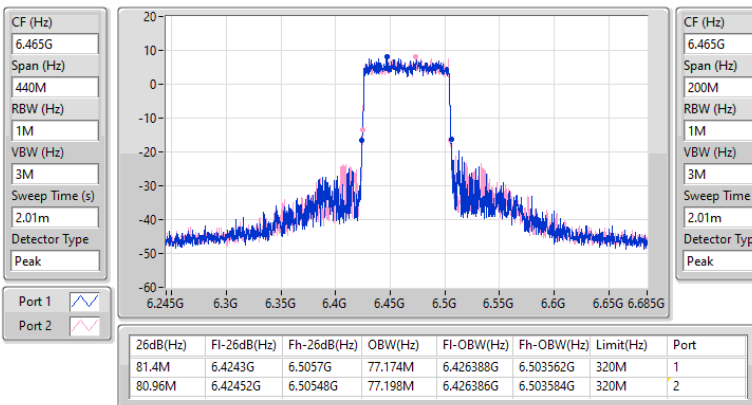


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX
EBW
6385MHz

15/11/2025

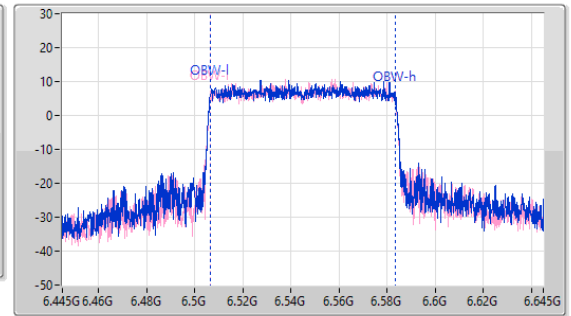
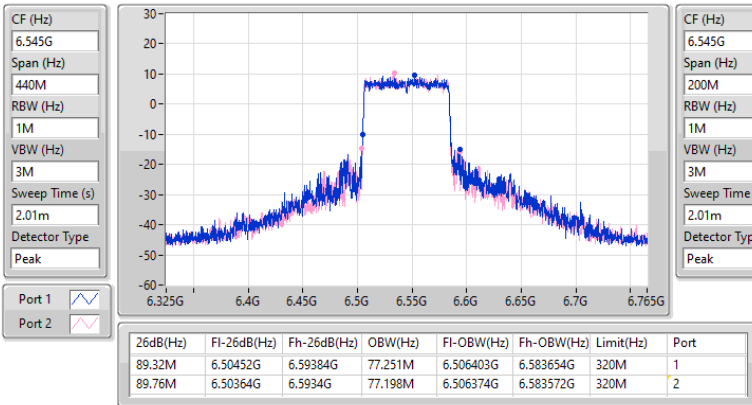

6.425-6.525GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX
EBW
6465MHz

15/11/2025

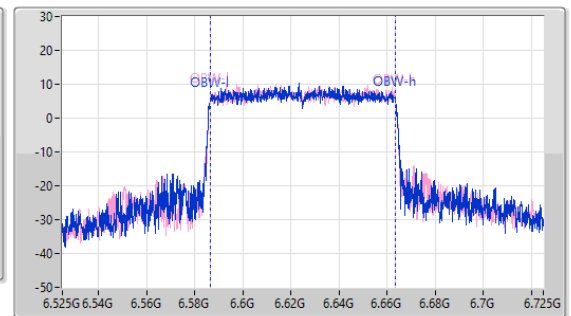
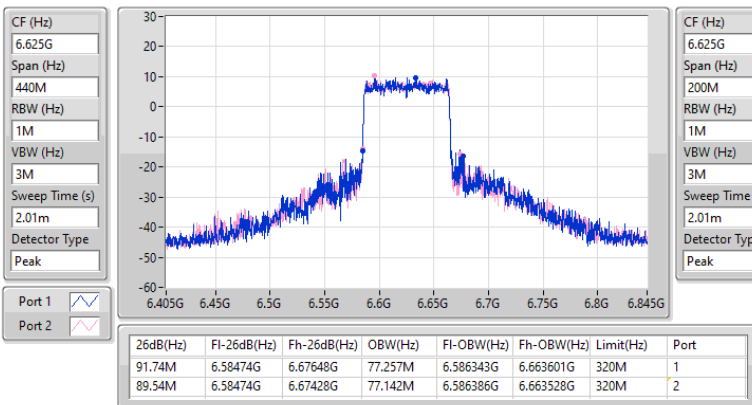


6.425-6.525GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX
EBW
6545MHz

15/11/2025

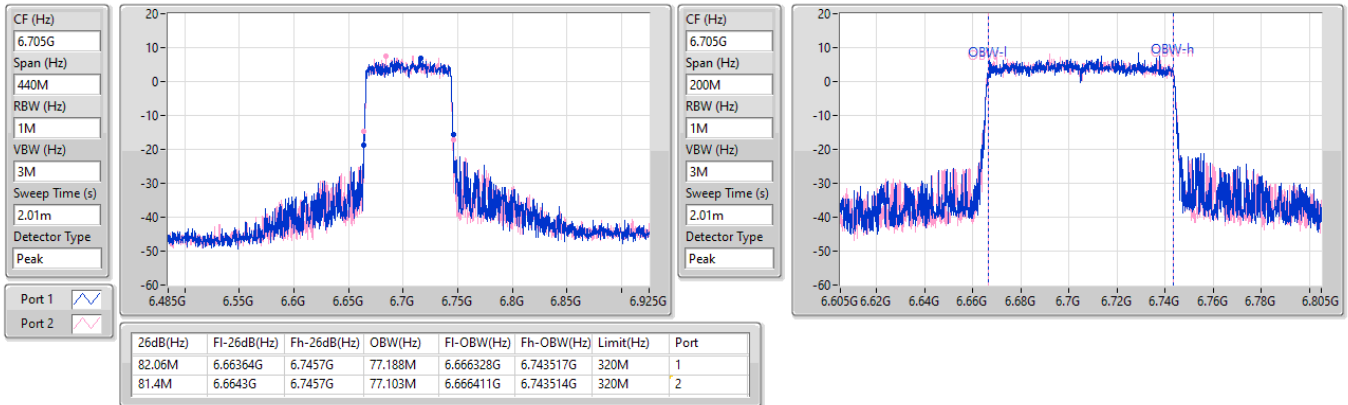

6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX
EBW
6625MHz

15/11/2025

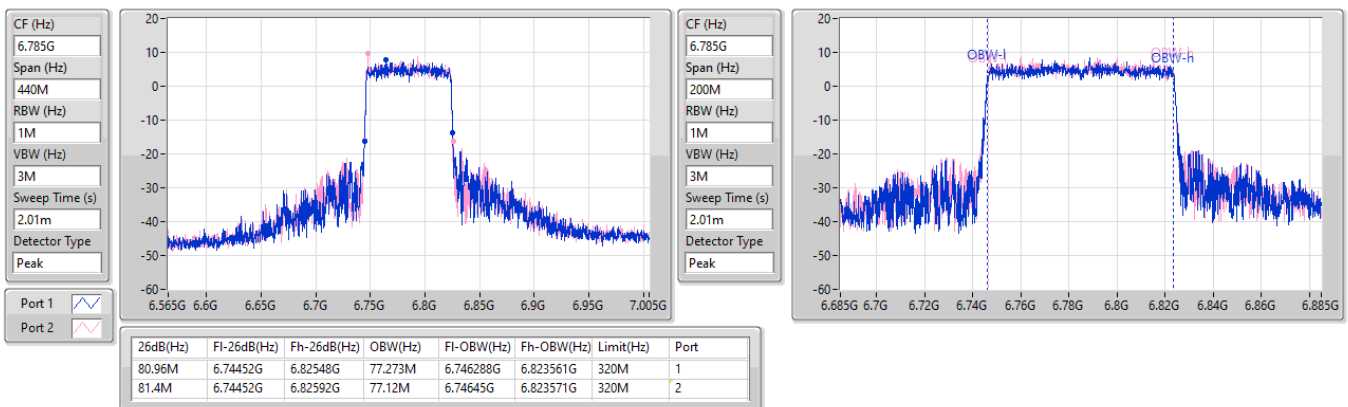


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX
EBW
6705MHz

15/11/2025

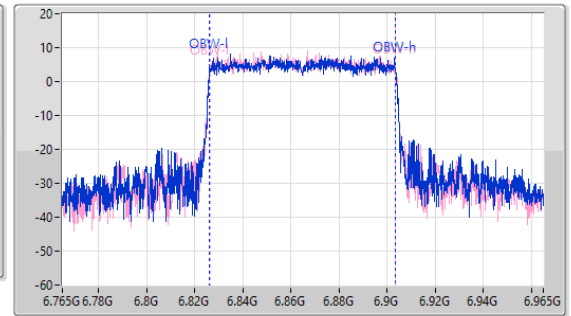
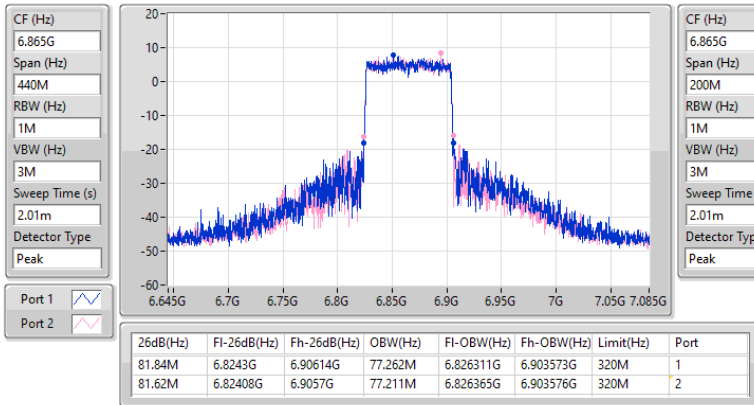

6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX
EBW
6785MHz

15/11/2025

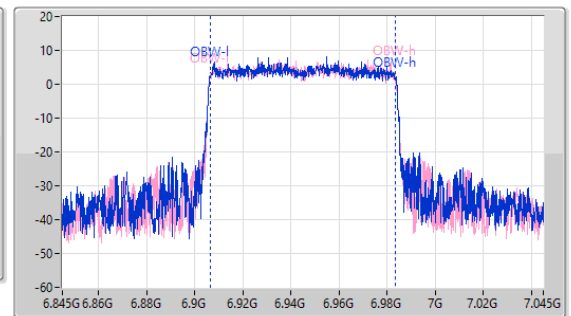
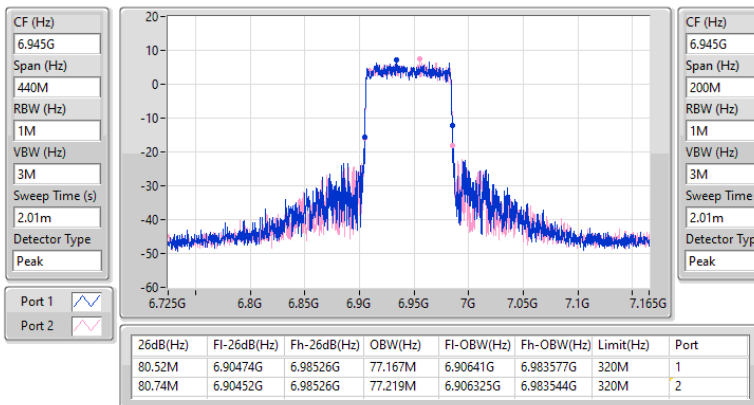


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX
EBW
6865MHz

15/11/2025

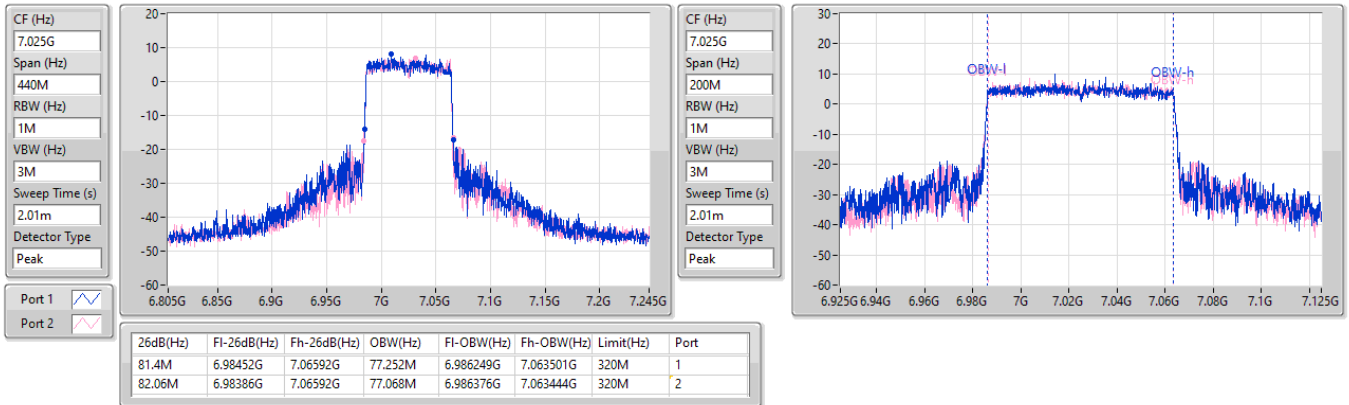

6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX
EBW
6945MHz

15/11/2025

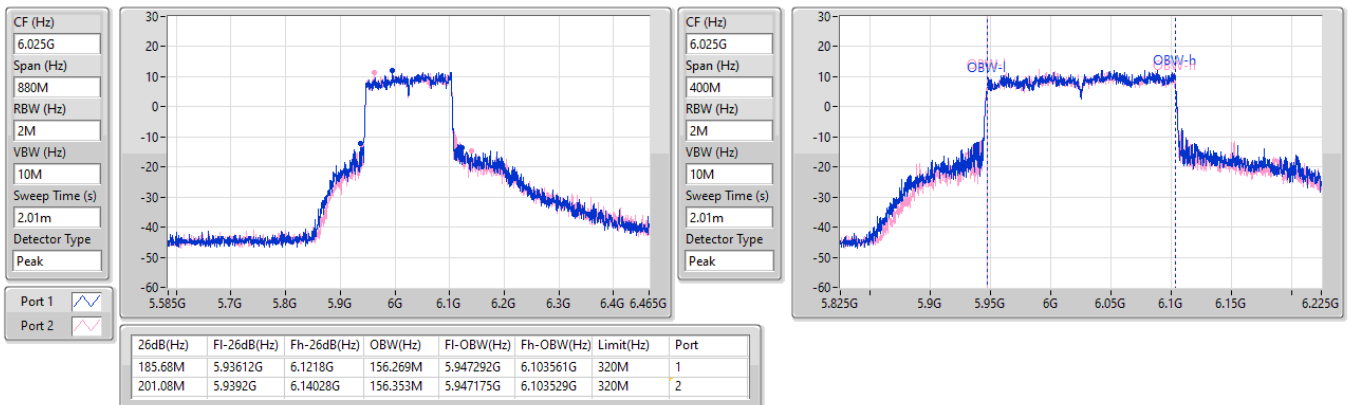


6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX
EBW
7025MHz

15/11/2025

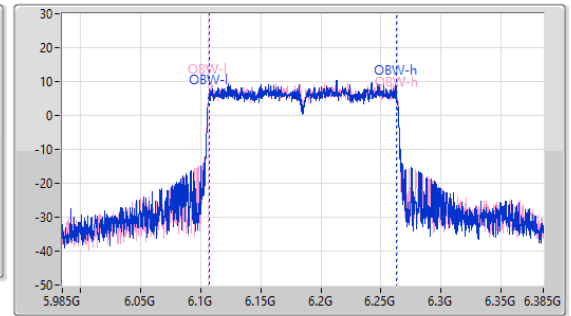
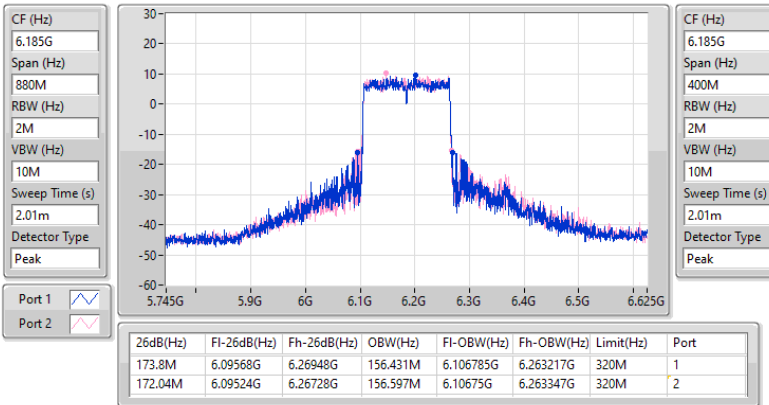

5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX
EBW
6025MHz

15/11/2025

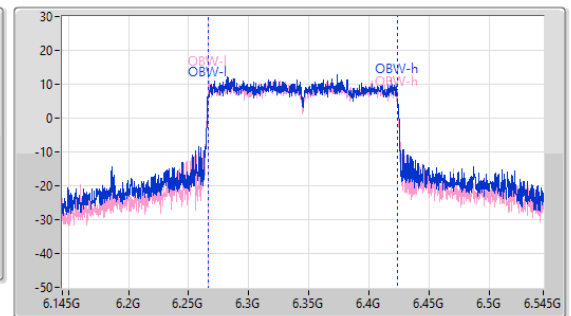
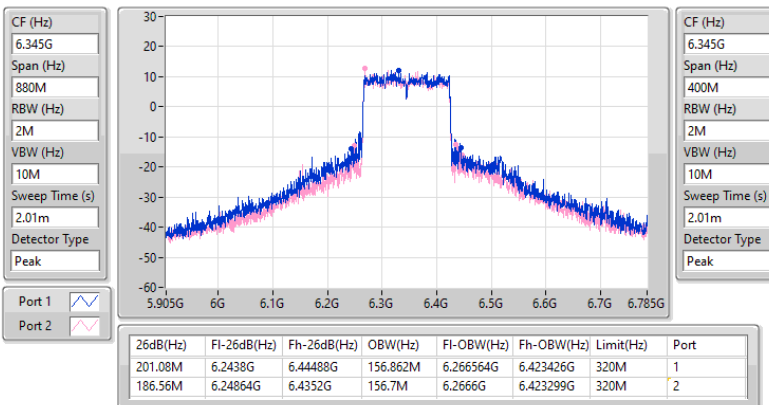


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX
EBW
6185MHz

15/11/2025

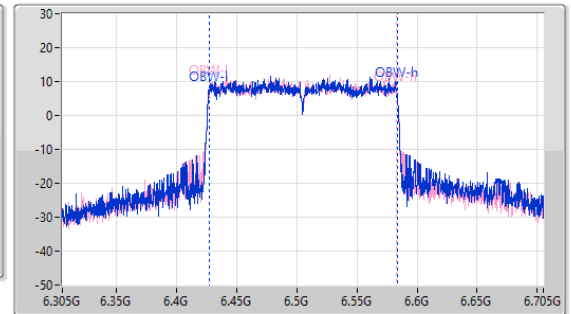
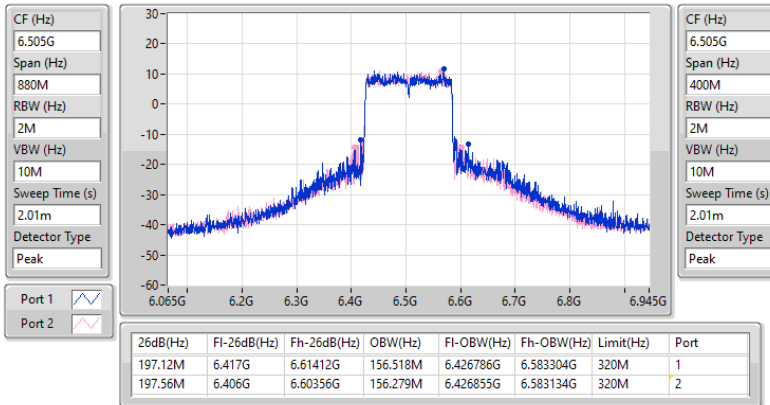

5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX
EBW
6345MHz

15/11/2025

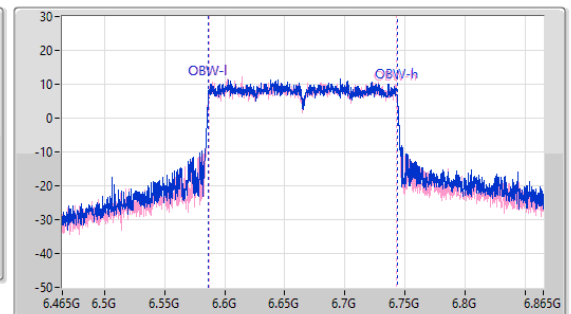
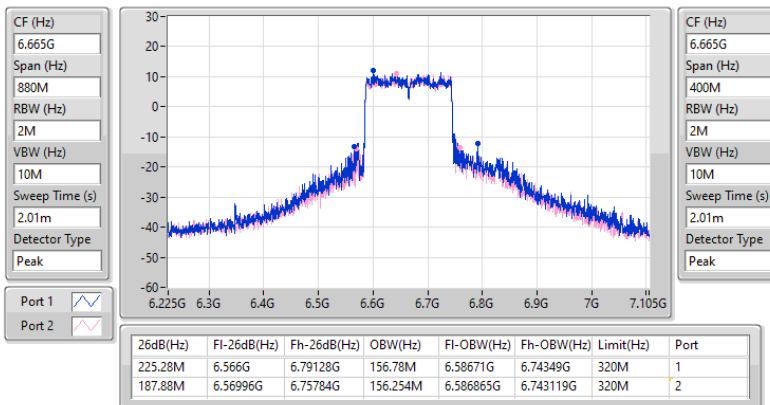


6.425-6.525GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX
EBW
6505MHz

15/11/2025

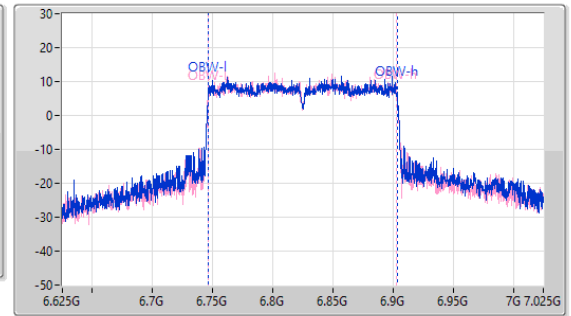
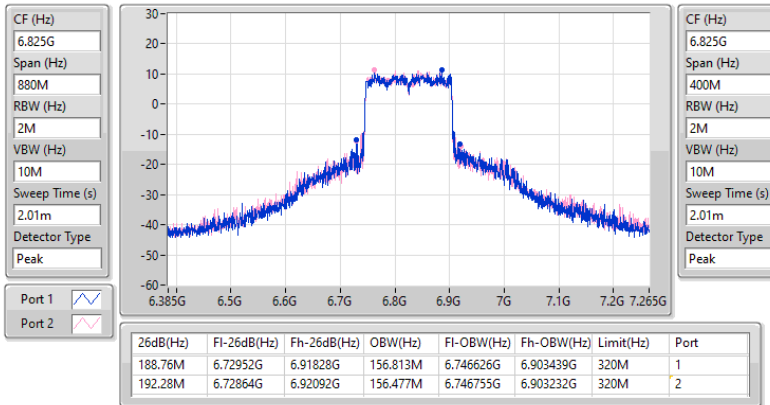

6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX
EBW
6665MHz

15/11/2025

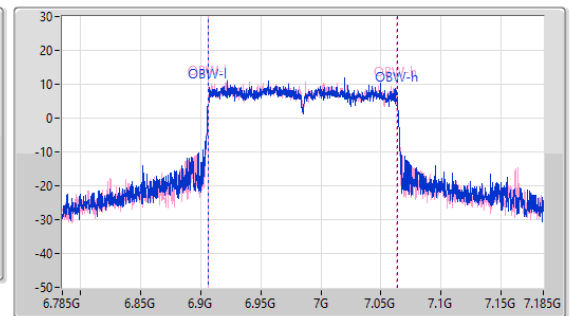
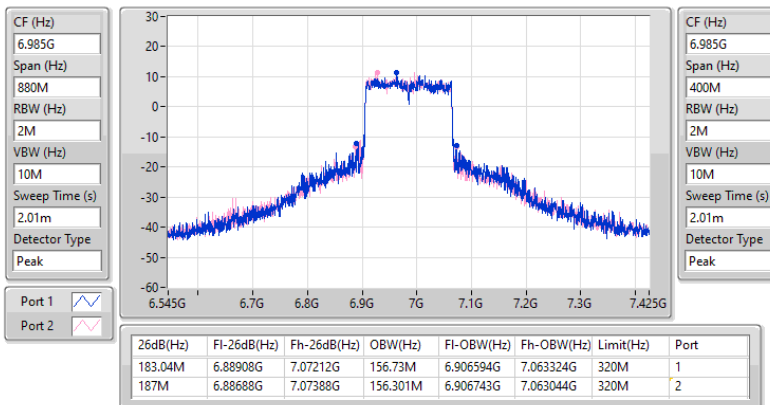


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX
EBW
6825MHz

15/11/2025

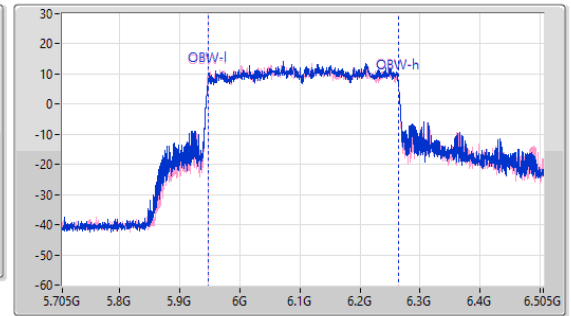
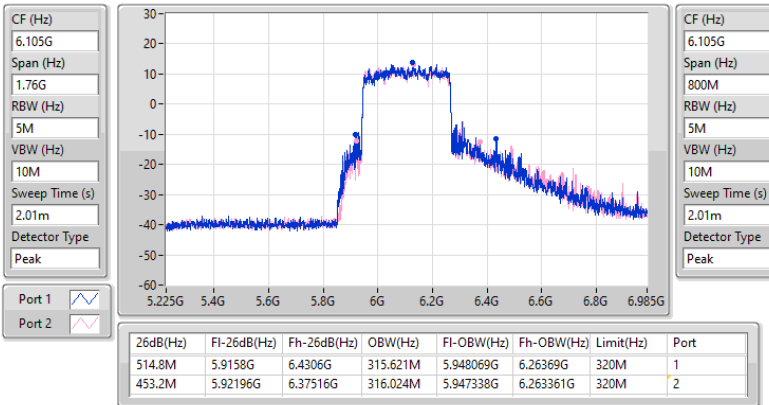

6.875-7.125GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX
EBW
6985MHz

15/11/2025

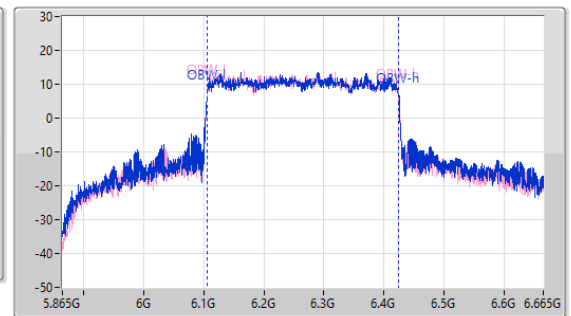
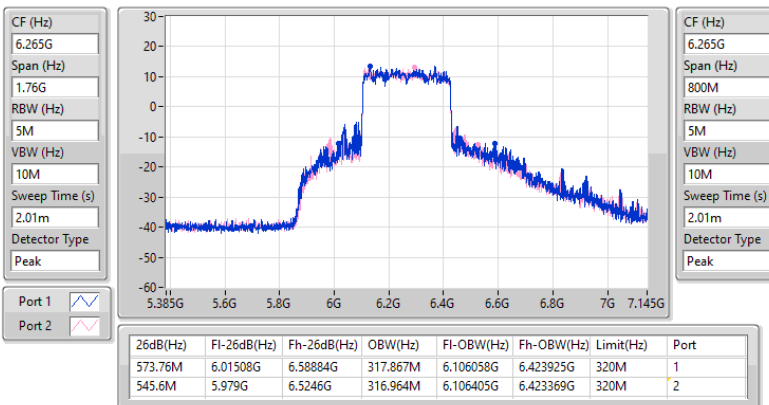


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX
EBW
6105MHz

15/11/2025

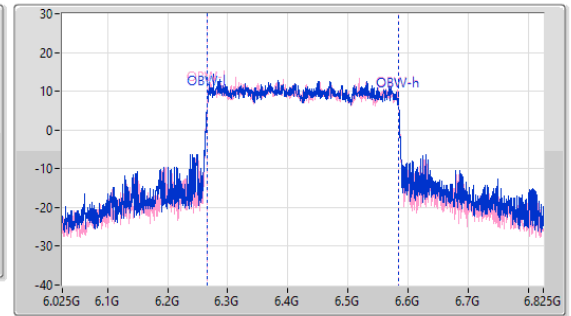
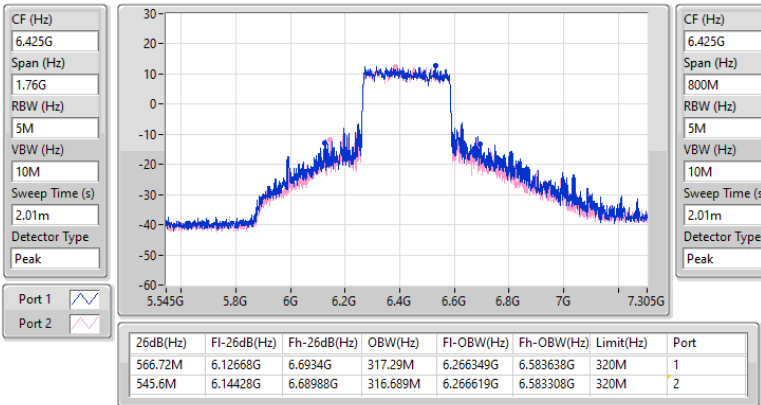

5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX
EBW
6265MHz

15/11/2025

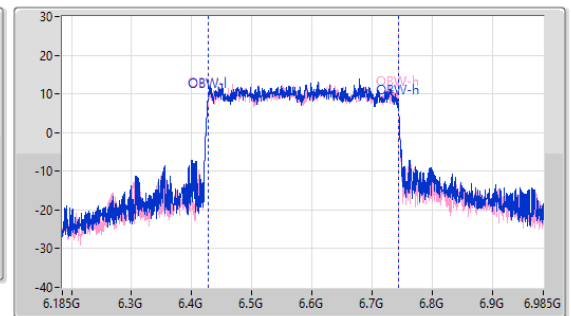
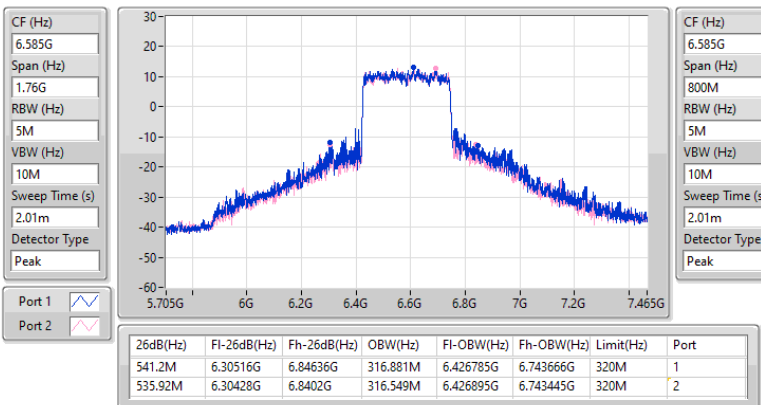


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX
EBW
6425MHz

15/11/2025

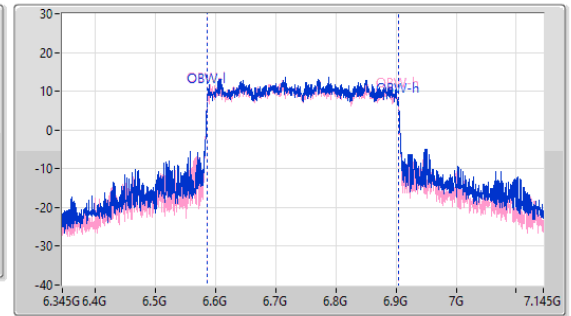
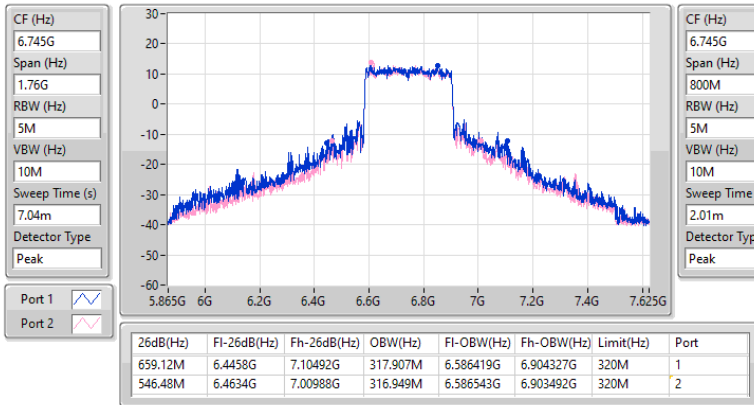

6.425-6.525GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX
EBW
6585MHz

15/11/2025

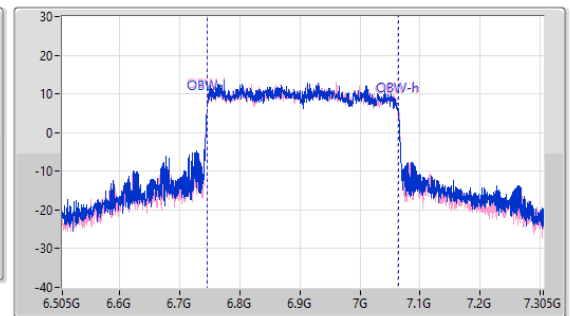
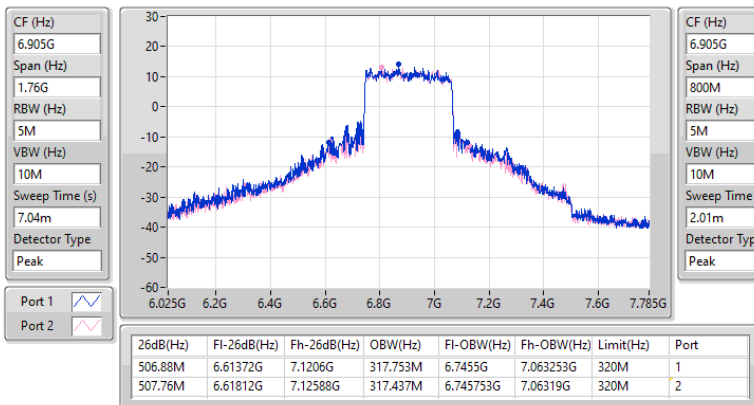


6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX
EBW
6745MHz

15/11/2025


6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX
EBW
6905MHz

15/11/2025



**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)_1TX	20.955M	16.65M	16M7D1D	20.515M	16.581M
6.425-6.525GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.955M	16.613M	16M6D1D	20.68M	16.586M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.23M	16.625M	16M6D1D	20.68M	16.588M
6.875-7.125GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.175M	16.597M	16M6D1D	20.68M	16.573M

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

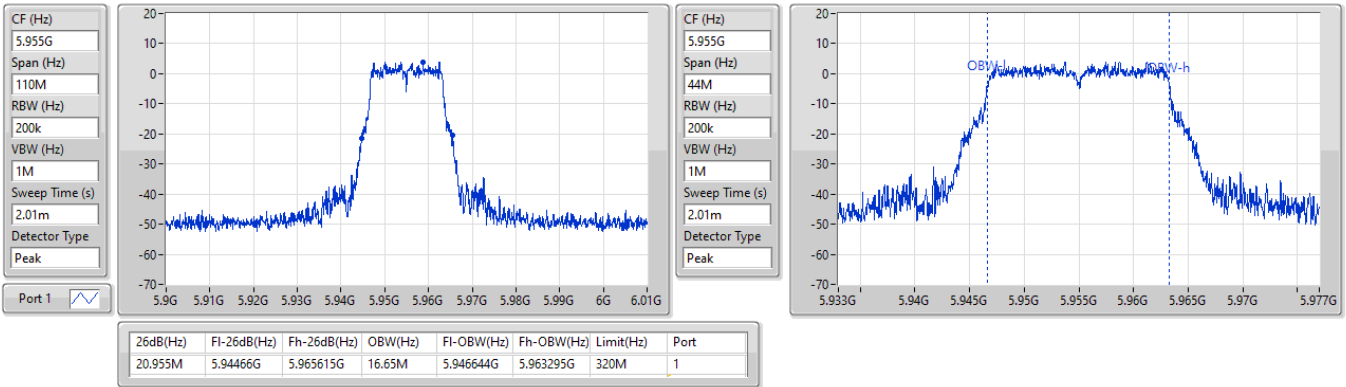
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1.(6Mbps)_1TX	-	-	-	-
5955MHz	Pass	320M	20.955M	16.65M
6195MHz	Pass	320M	20.515M	16.581M
6415MHz	Pass	320M	20.68M	16.597M
6435MHz	Pass	320M	20.68M	16.606M
6475MHz	Pass	320M	20.9M	16.586M
6515MHz	Pass	320M	20.955M	16.613M
6535MHz	Pass	320M	20.845M	16.604M
6695MHz	Pass	320M	20.68M	16.625M
6875MHz	Pass	320M	21.23M	16.588M
6895MHz	Pass	320M	21.175M	16.597M
6995MHz	Pass	320M	20.68M	16.573M
7095MHz	Pass	320M	20.79M	16.595M

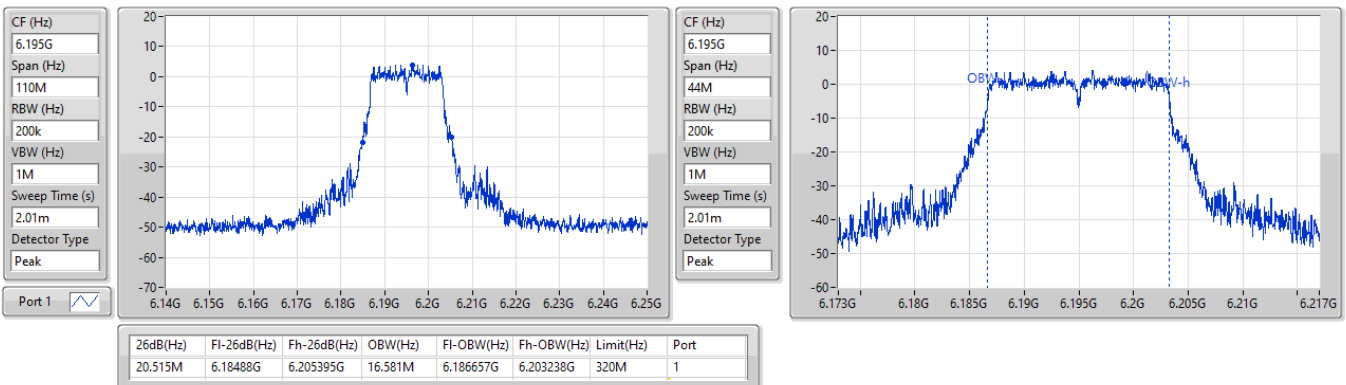
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5955MHz

15/11/2025

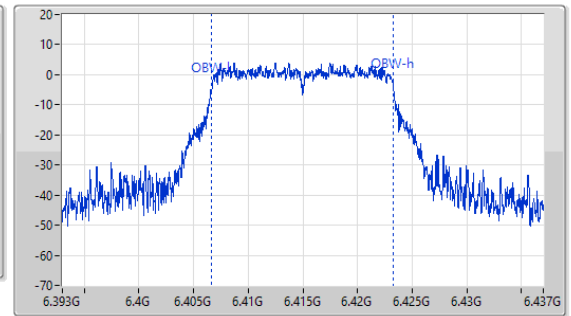
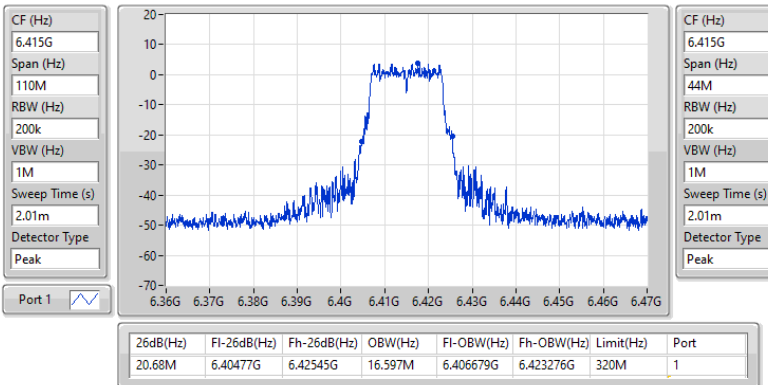

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
6195MHz

15/11/2025

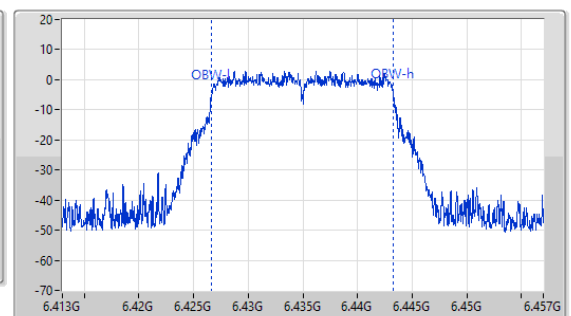
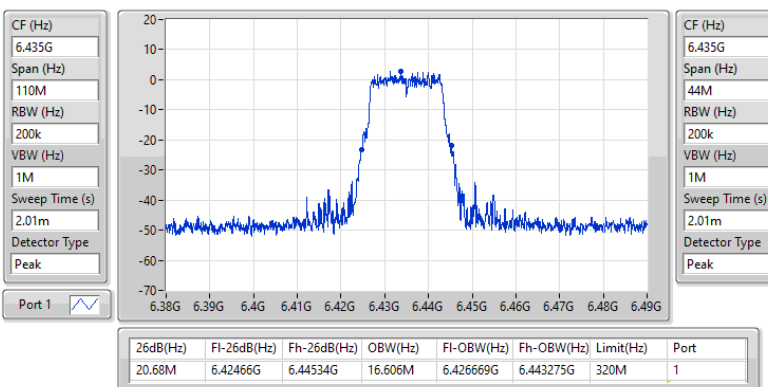


5.925-6.425GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
6415MHz

15/11/2025

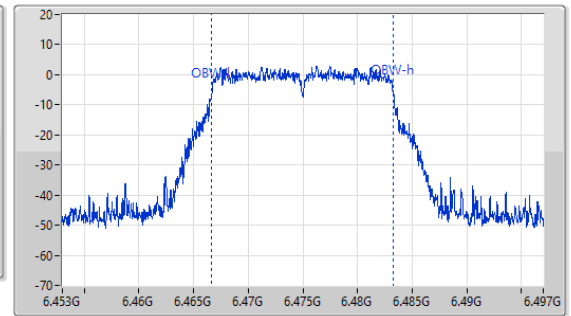
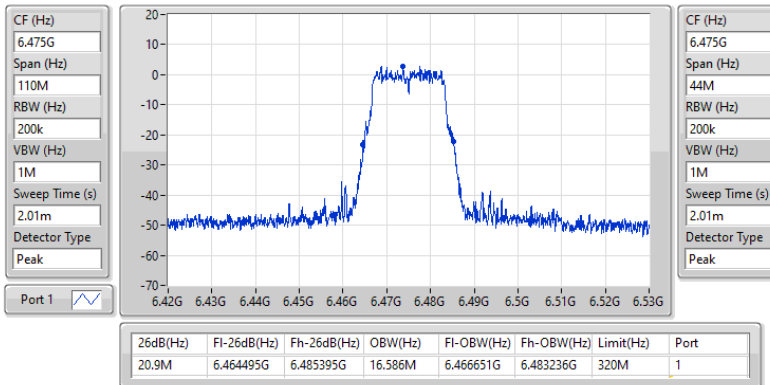

6.425-6.525GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
6435MHz

15/11/2025

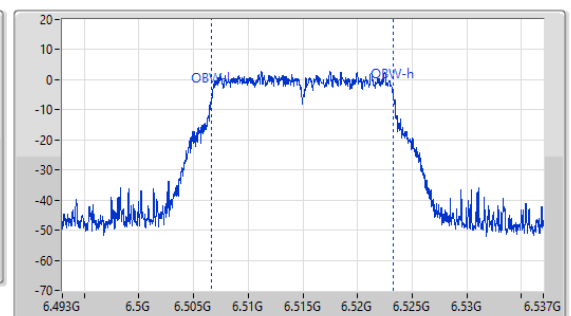
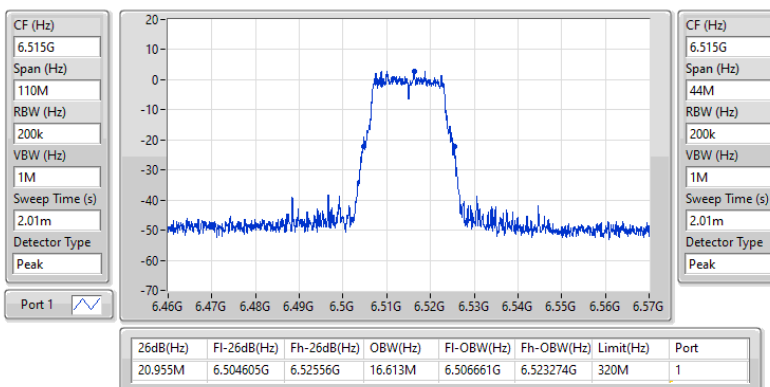


6.425-6.525GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
6475MHz

15/11/2025

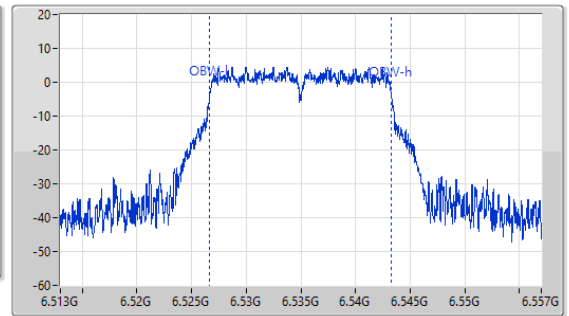
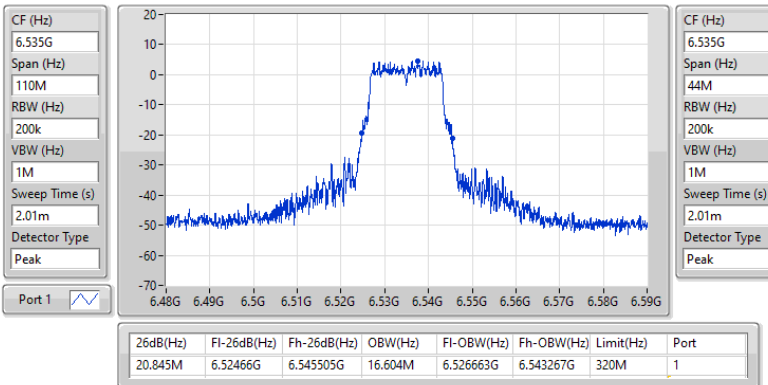

6.425-6.525GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
6515MHz

15/11/2025

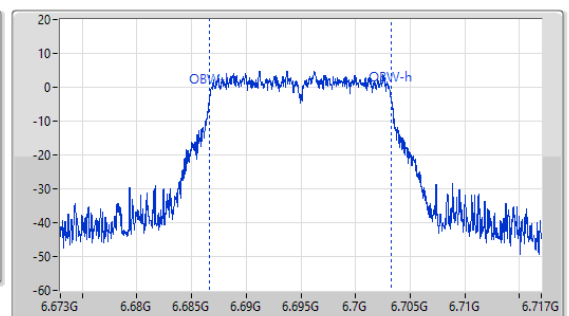
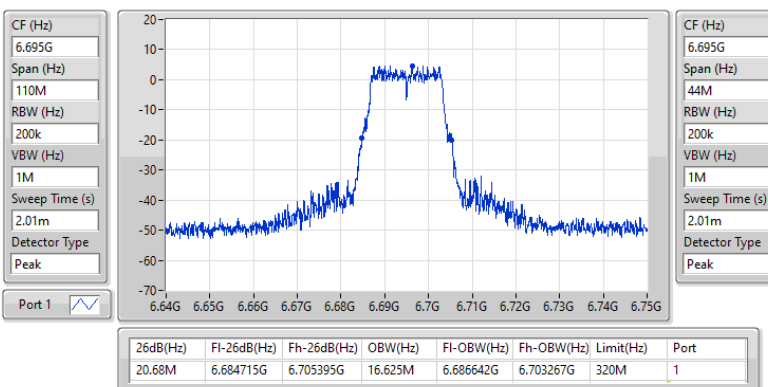


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
6535MHz

15/11/2025

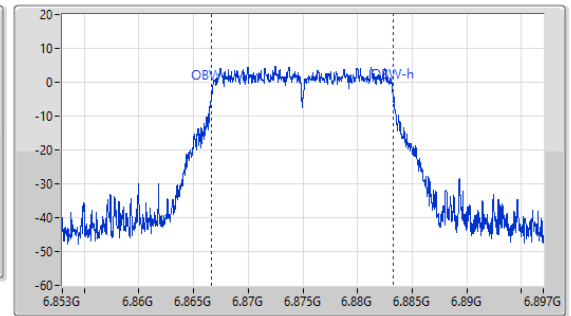
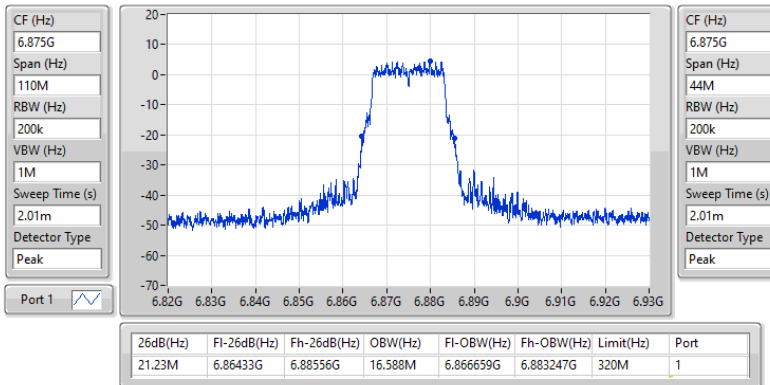

6.525-6.875GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
6695MHz

15/11/2025

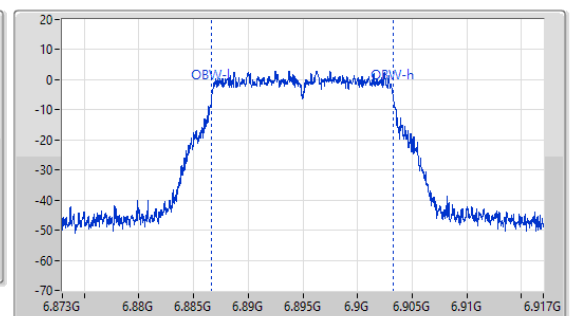
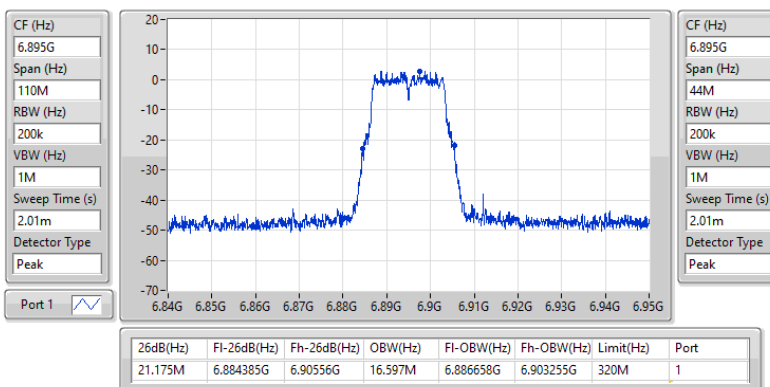


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
6875MHz

15/11/2025

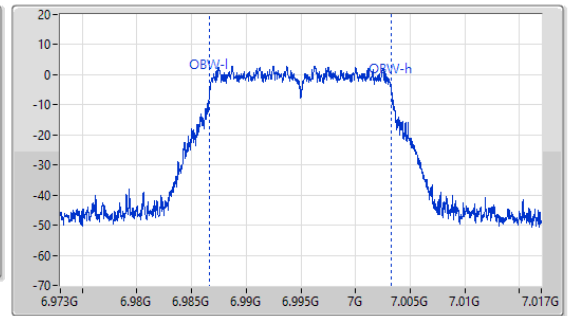
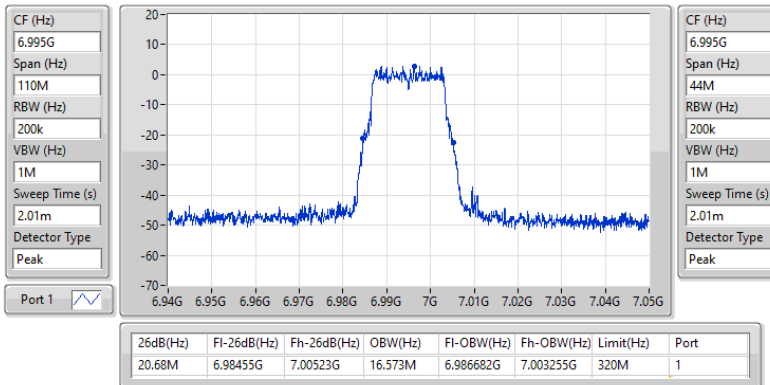

6.875-7.125GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
6895MHz

15/11/2025

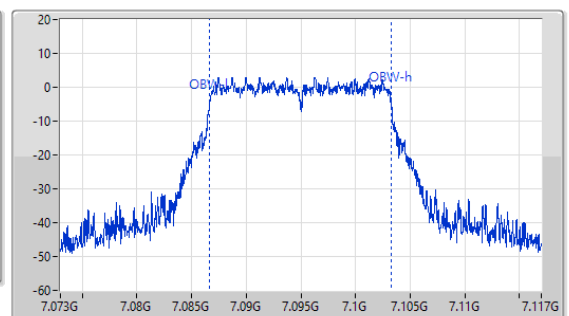
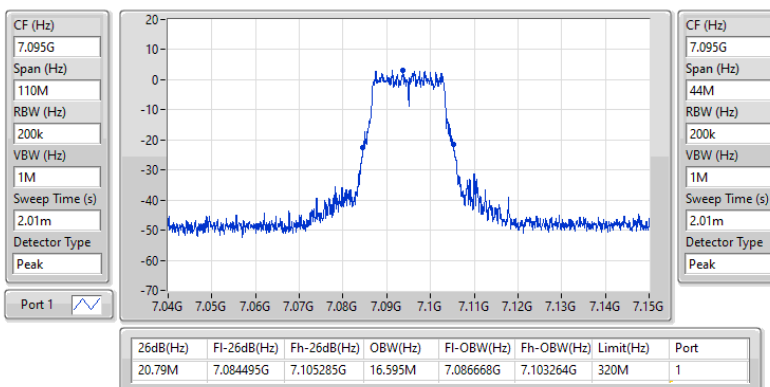


6.875-7.125GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
6995MHz

15/11/2025


6.875-7.125GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
7095MHz

15/11/2025



Summary

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	15.48	0.03532
802.11be EHT40_Nss1,(MCS0)_2TX	18.72	0.07447
802.11be EHT80_Nss1,(MCS0)_2TX	21.48	0.14060
802.11be EHT160_Nss1,(MCS0)_2TX	22.46	0.17620
802.11be EHT320_Nss1,(MCS0)_2TX	23.99	0.25061
6.425-6.525GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	15.92	0.03908
802.11be EHT40_Nss1,(MCS0)_2TX	19.09	0.08110
802.11be EHT80_Nss1,(MCS0)_2TX	21.75	0.14962
802.11be EHT160_Nss1,(MCS0)_2TX	22.36	0.17219
802.11be EHT320_Nss1,(MCS0)_2TX	22.31	0.17022
6.525-6.875GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	16.17	0.04140
802.11be EHT40_Nss1,(MCS0)_2TX	18.77	0.07534
802.11be EHT80_Nss1,(MCS0)_2TX	21.89	0.15453
802.11be EHT160_Nss1,(MCS0)_2TX	23.31	0.21429
802.11be EHT320_Nss1,(MCS0)_2TX	23.21	0.20941
6.875-7.125GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	15.53	0.03573
802.11be EHT40_Nss1,(MCS0)_2TX	18.84	0.07656
802.11be EHT80_Nss1,(MCS0)_2TX	23.61	0.22961
802.11be EHT160_Nss1,(MCS0)_2TX	21.70	0.14791

**Result**

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	14.51	30.00
6195MHz	Pass	15.48	30.00
6415MHz	Pass	15.34	30.00
6435MHz	Pass	15.35	30.00
6475MHz	Pass	15.80	30.00
6515MHz	Pass	15.92	30.00
6535MHz	Pass	15.83	30.00
6695MHz	Pass	16.17	30.00
6875MHz	Pass	15.25	30.00
6895MHz	Pass	15.53	30.00
6995MHz	Pass	15.50	30.00
7095MHz	Pass	14.07	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	16.12	30.00
6205MHz	Pass	18.72	30.00
6405MHz	Pass	18.67	30.00
6445MHz	Pass	19.09	30.00
6485MHz	Pass	18.99	30.00
6525MHz	Pass	18.44	30.00
6565MHz	Pass	18.70	30.00
6685MHz	Pass	18.77	30.00
6885MHz	Pass	18.44	30.00
6925MHz	Pass	18.84	30.00
7005MHz	Pass	18.57	30.00
7085MHz	Pass	17.55	30.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	21.35	30.00
6225MHz	Pass	21.44	30.00
6385MHz	Pass	21.48	30.00
6465MHz	Pass	21.46	30.00
6545MHz	Pass	21.75	30.00
6625MHz	Pass	21.78	30.00
6705MHz	Pass	21.89	30.00
6785MHz	Pass	20.64	30.00
6865MHz	Pass	20.54	30.00
6945MHz	Pass	23.61	30.00
7025MHz	Pass	23.23	30.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	22.46	30.00
6185MHz	Pass	22.45	30.00
6345MHz	Pass	22.13	30.00
6505MHz	Pass	22.36	30.00
6665MHz	Pass	23.31	30.00
6825MHz	Pass	21.90	30.00
6985MHz	Pass	21.70	30.00
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-
6105MHz	Pass	23.99	30.00
6265MHz	Pass	21.50	30.00
6425MHz	Pass	21.70	30.00
6585MHz	Pass	22.31	30.00
6745MHz	Pass	23.08	30.00
6905MHz	Pass	23.21	30.00

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

19/11/2025

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

CF Freq
5.955GHz

Span
50MHz

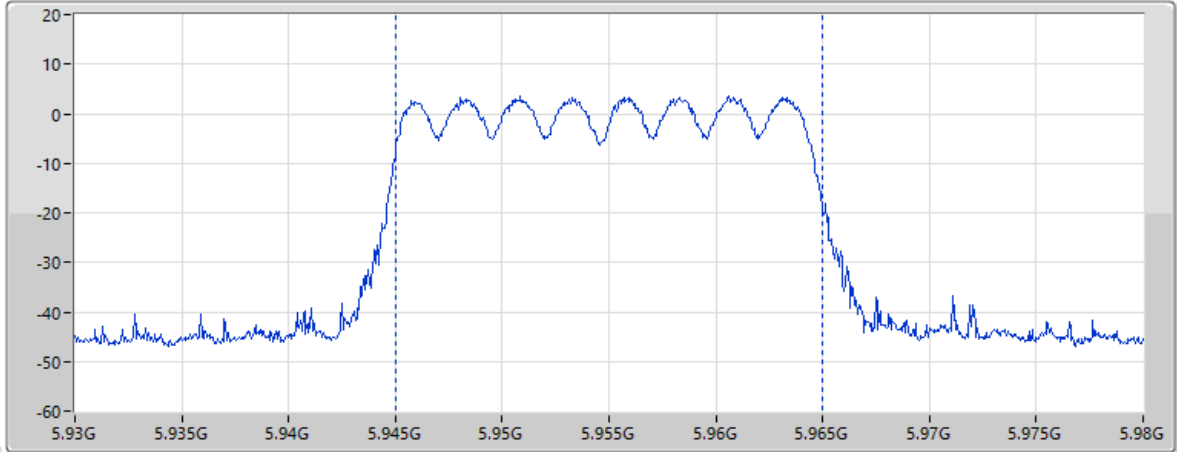
RBW
1MHz

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]		
14.51		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
4.53	13.40	9.09	43.25	57.54

19/11/2025

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

CF Freq
6.195GHz

Span
50MHz

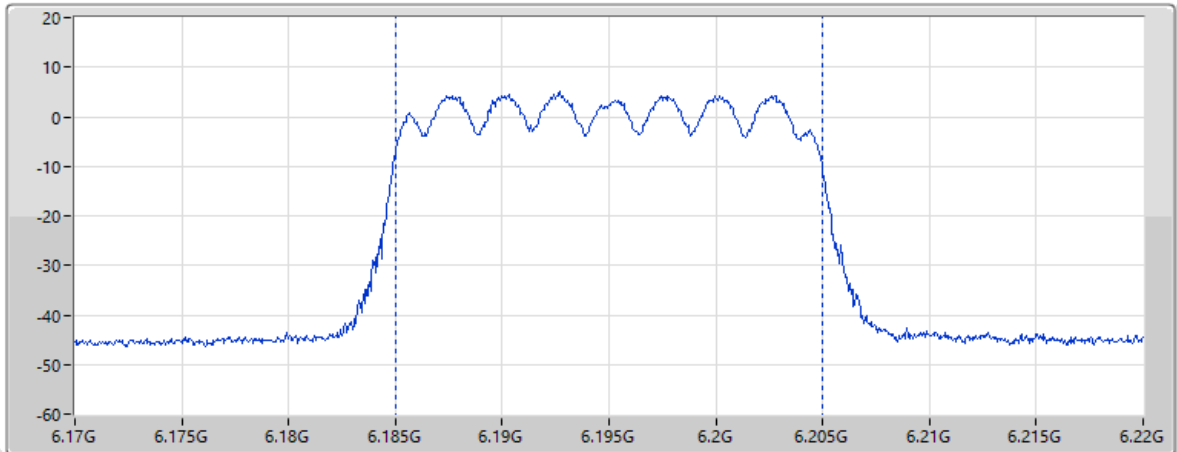
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
20MHz



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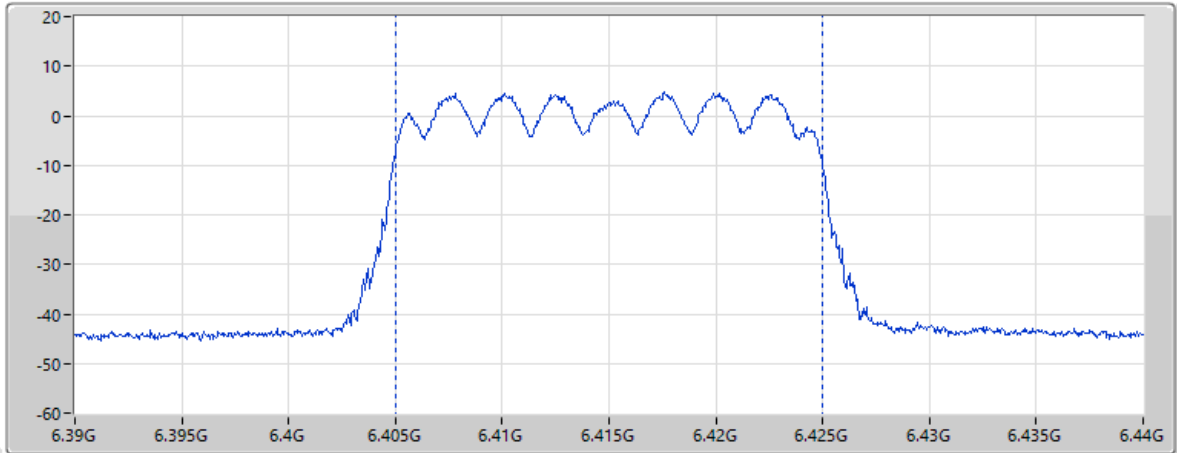
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
15.48		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
4.77	13.31	9.27	43.13	57.88

19/11/2025

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

CF Freq
6.415GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
20MHz



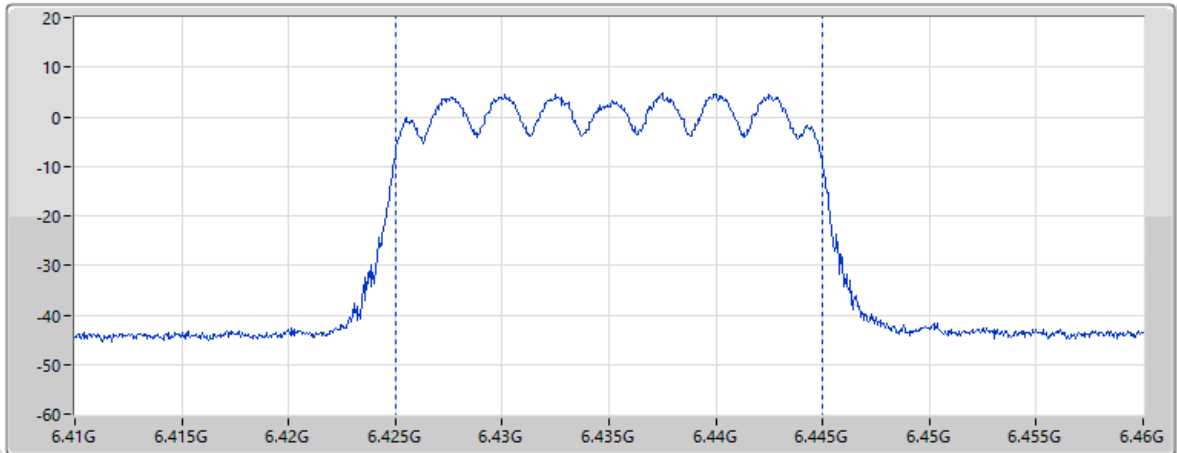
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
15.34				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
3.53	12.84	9.52	43.06	58.19

19/11/2025

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

CF Freq
6.435GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
20MHz



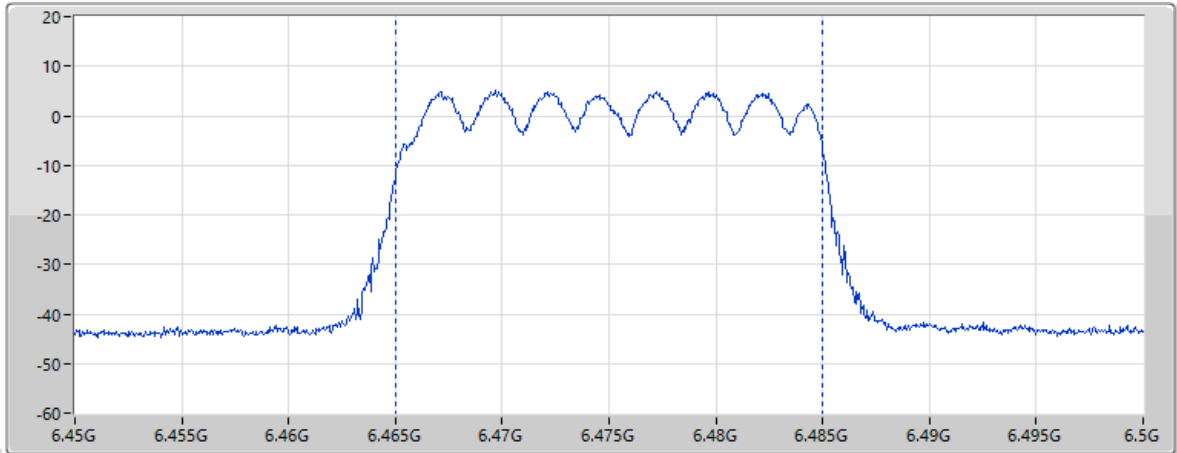
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
15.35				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
3.41	12.76	9.54	43.05	58.21

19/11/2025

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

CF Freq
6.475GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
20MHz



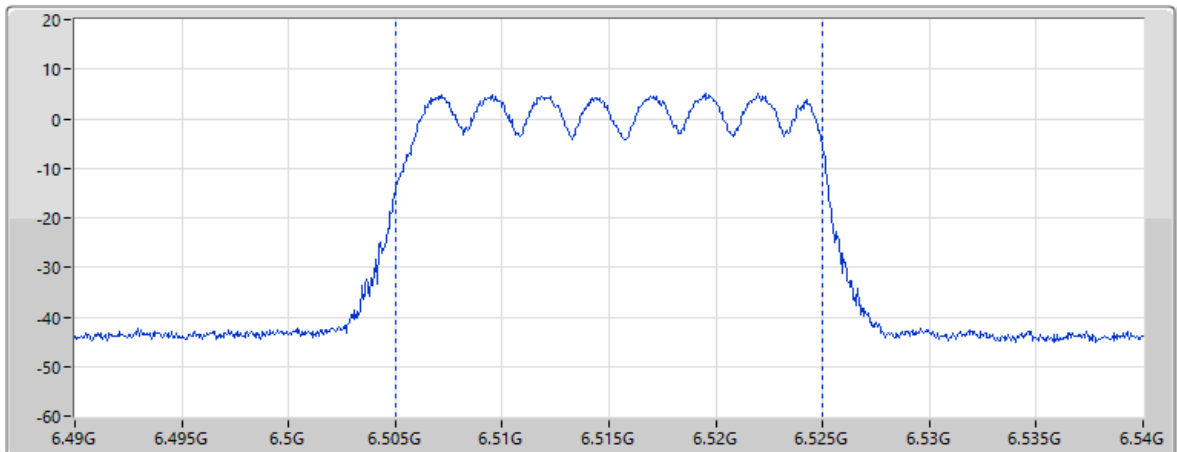
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
15.8				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
3.65	12.65	9.57	43.04	58.27

19/11/2025

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

CF Freq
6.515GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
20MHz



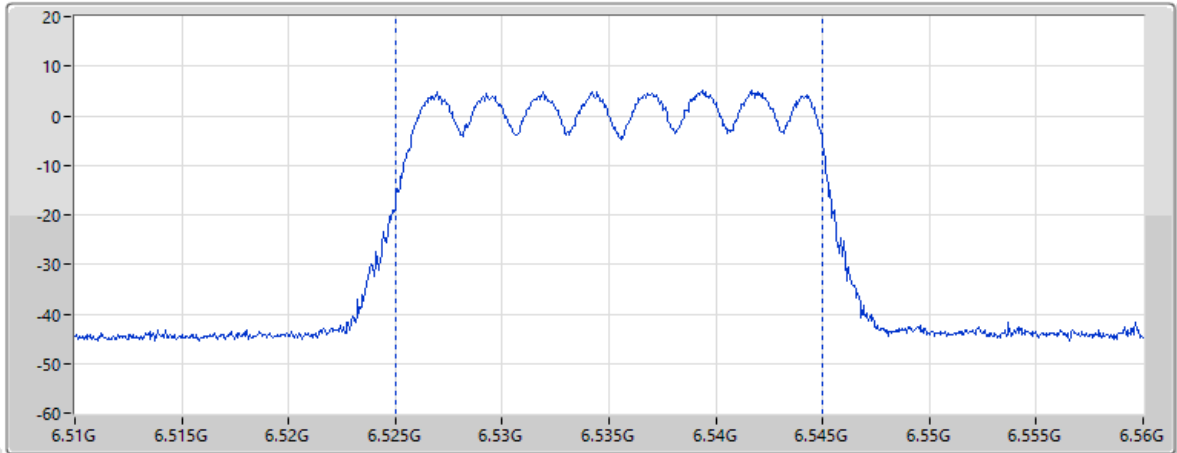
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
15.92				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
3.58	12.57	9.61	43.02	58.32

19/11/2025

EIRP:Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6535MHz;TX

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



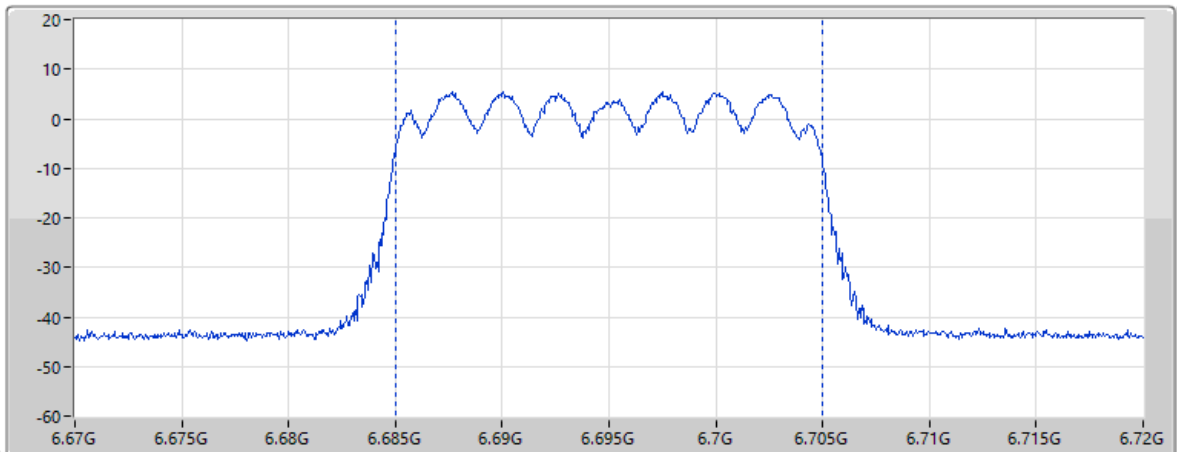
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
15.83				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
3.40	12.53	9.62	43.01	58.35

19/11/2025

EIRP:Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6695MHz;TX

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



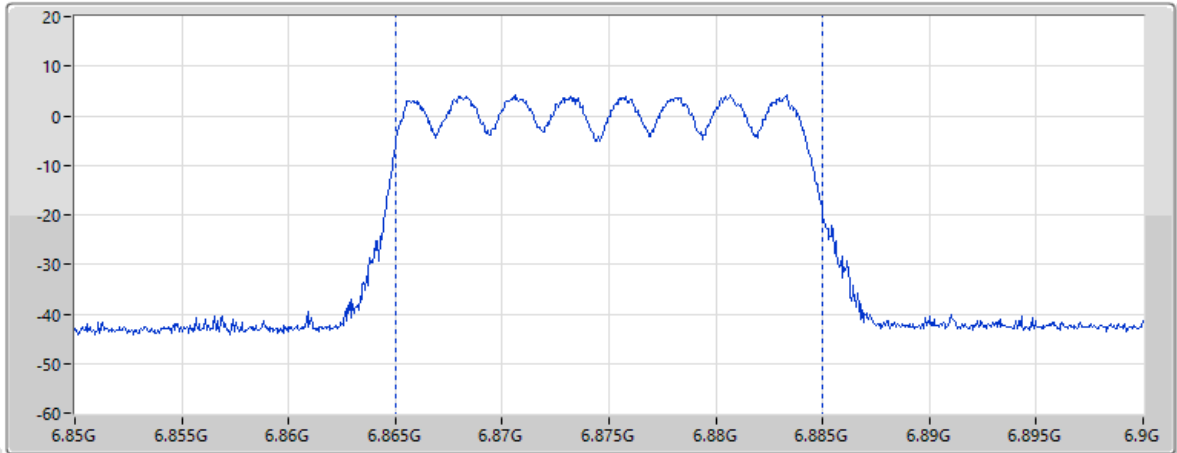
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
16.17				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
3.38	12.59	9.74	42.92	58.56

19/11/2025

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

CF Freq
6.875GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
20MHz



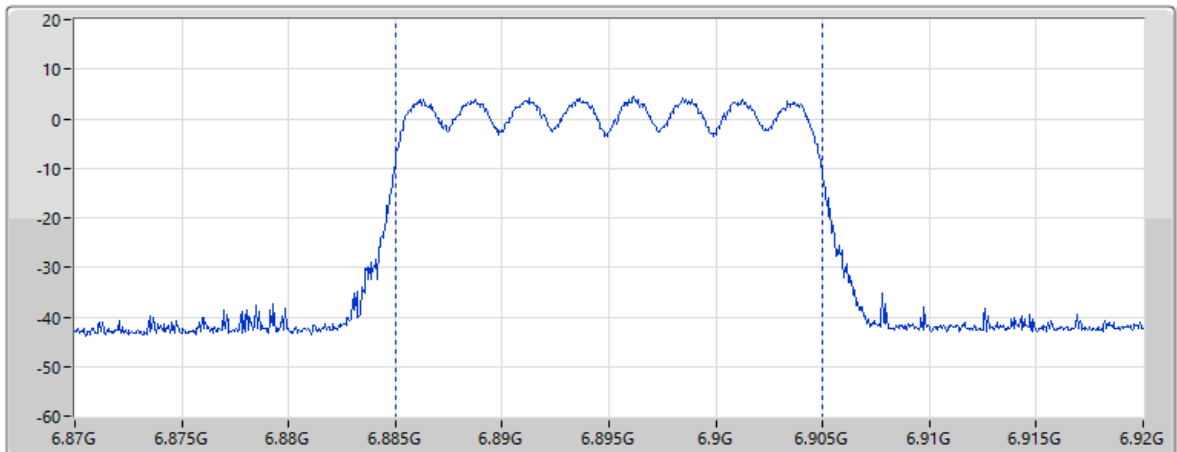
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
15.25				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
1.94	12.55	9.88	42.81	58.79

19/11/2025

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

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



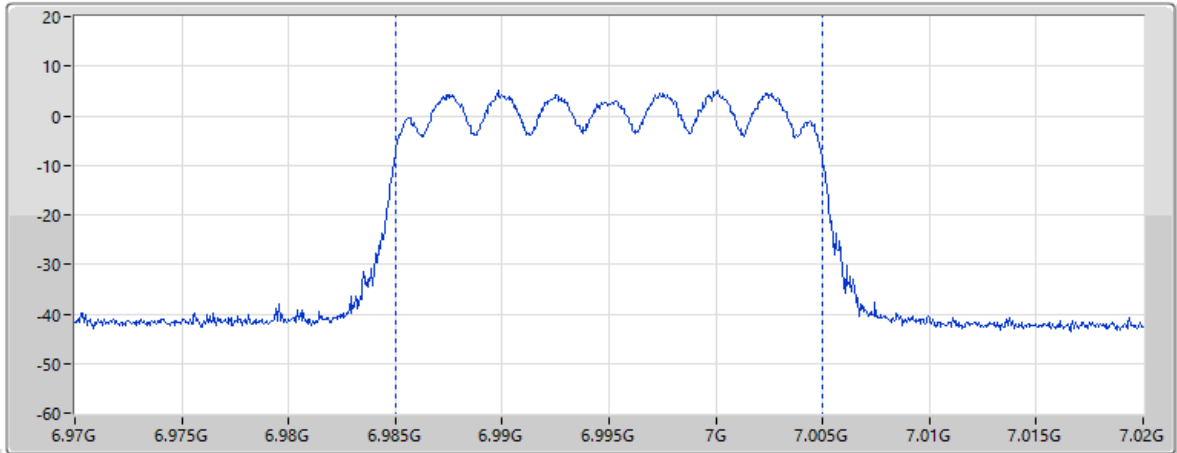
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
15.53				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
2.05	12.43	9.90	42.80	58.81

19/11/2025

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

CF Freq
6.995GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
20MHz



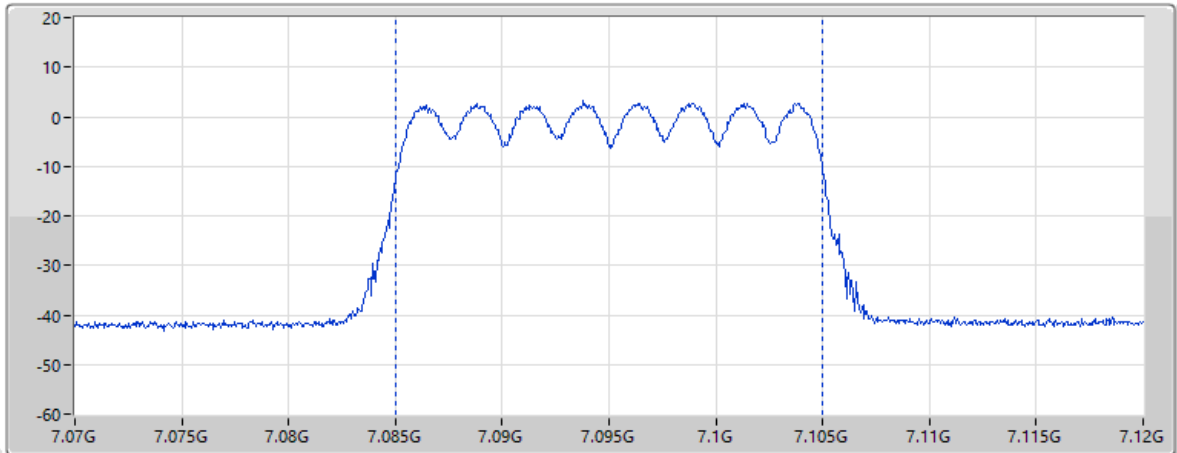
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
15.5				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
1.41	12.11	10.00	42.74	58.94

22/10/2025

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

CF Freq
7.095GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
20MHz

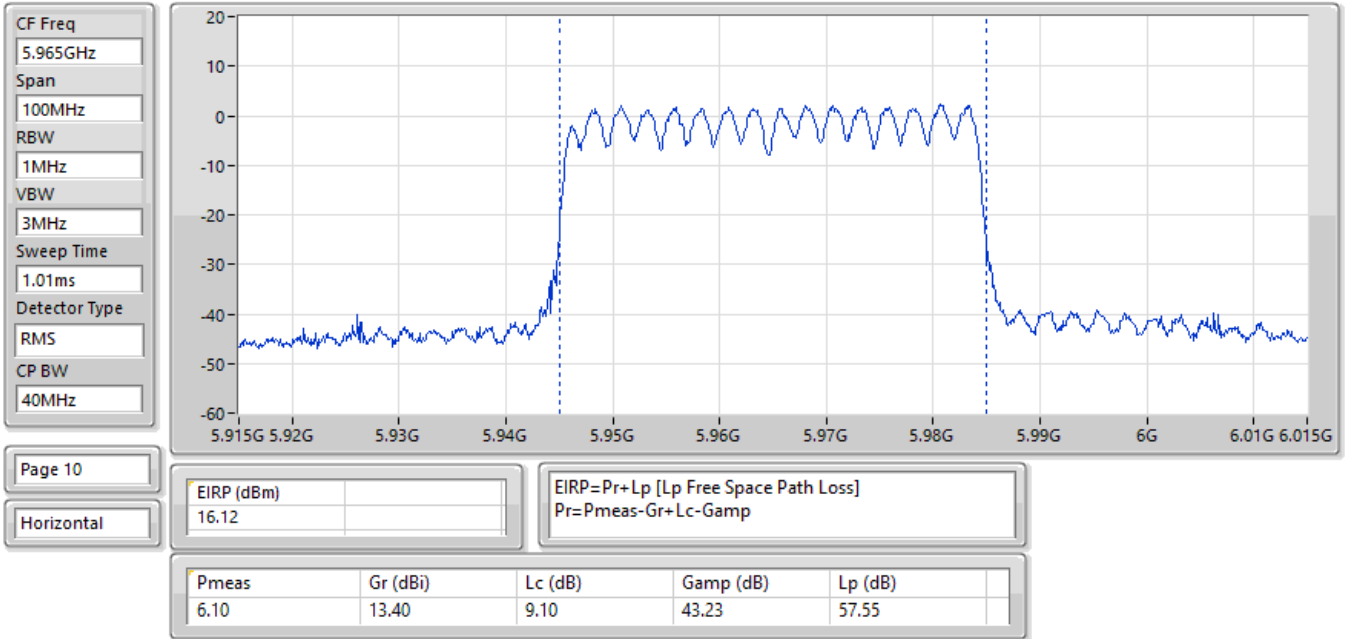


Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
14.07				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.91	11.54	10.14	42.68	59.06

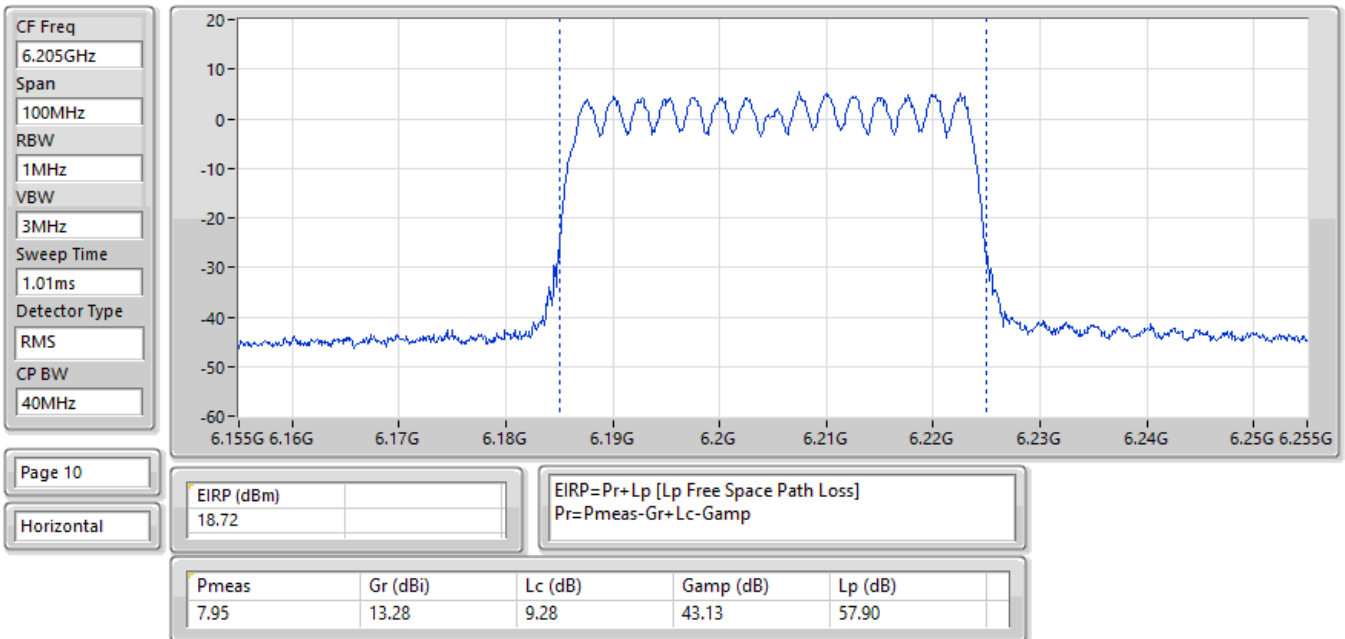
20/11/2025

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



20/11/2025

EIRP:Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6205MHz;TX



20/11/2025

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

CF Freq
6.405GHz

Span
100MHz

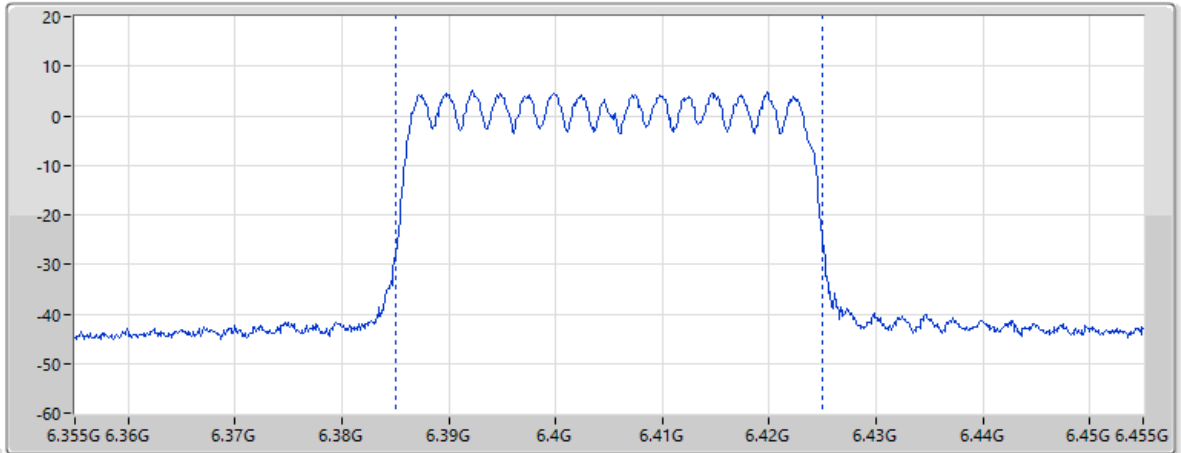
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
40MHz



Page 10

Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
18.67		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
6.93	12.88	9.51	43.06	58.17

20/11/2025

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

CF Freq
6.445GHz

Span
100MHz

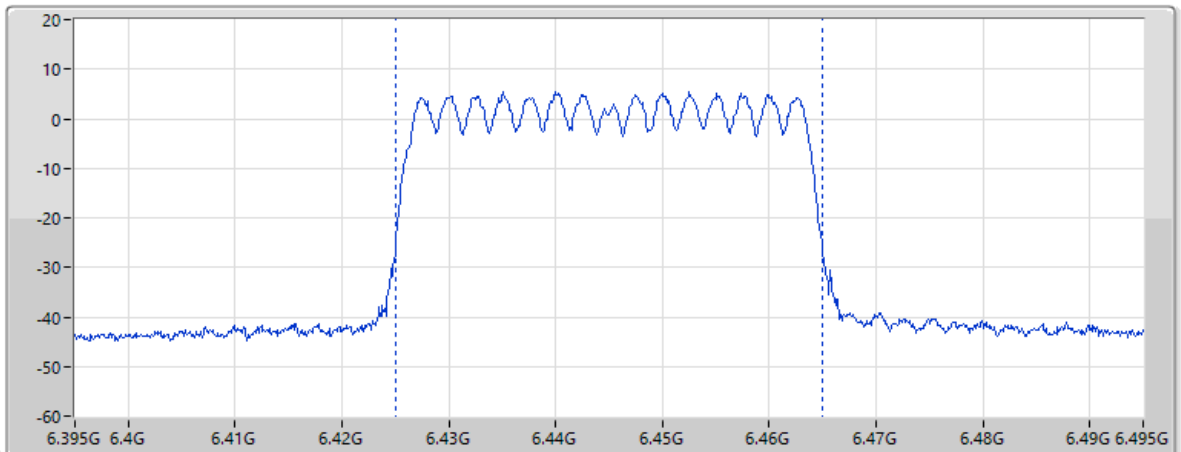
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
40MHz



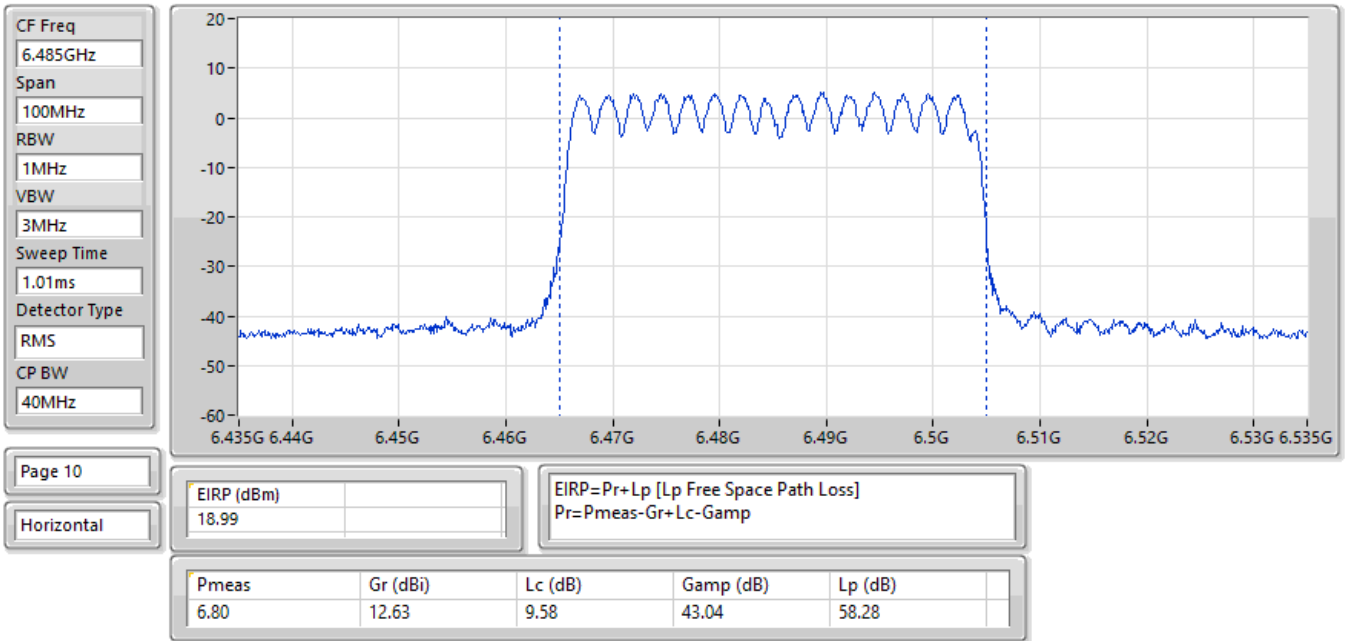
Page 10

Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
19.09		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.08	12.72	9.55	43.05	58.23

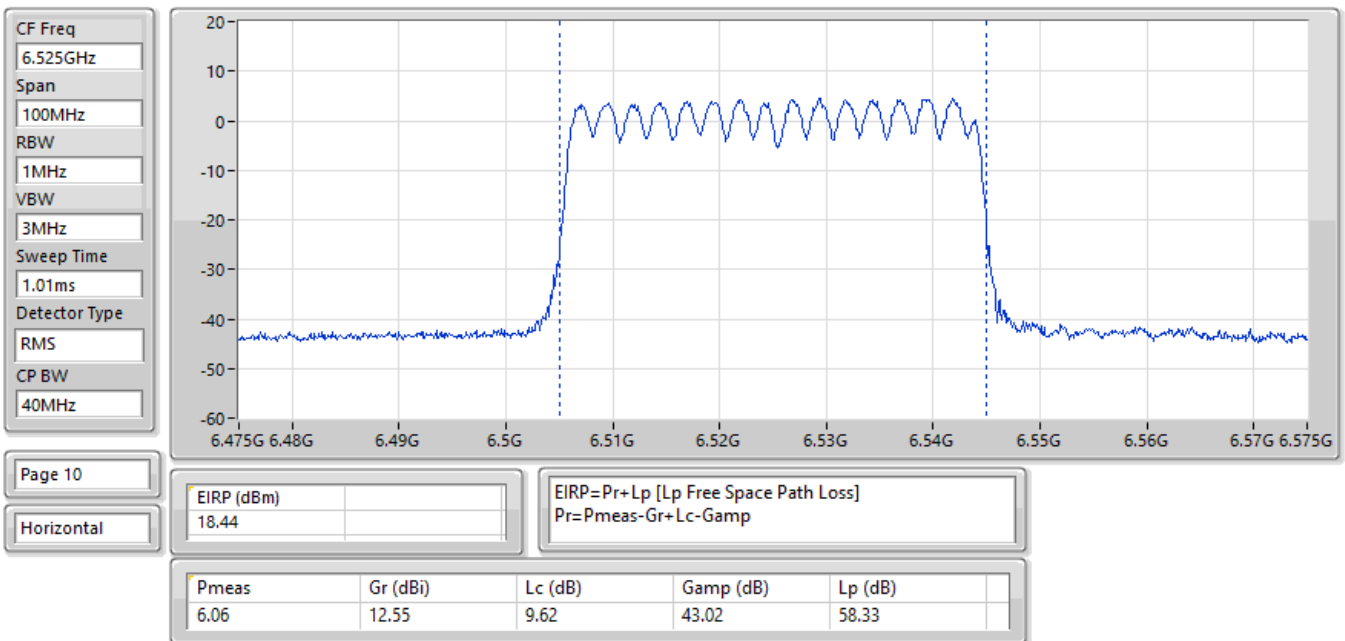
20/11/2025

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



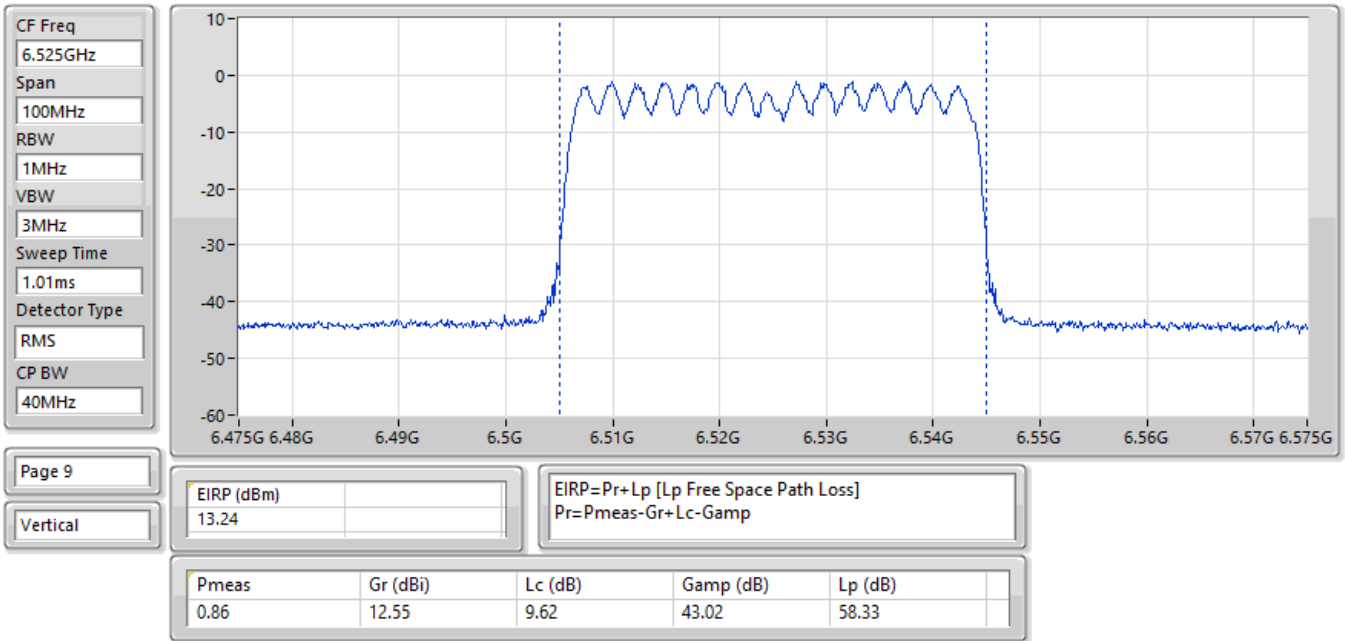
20/11/2025

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



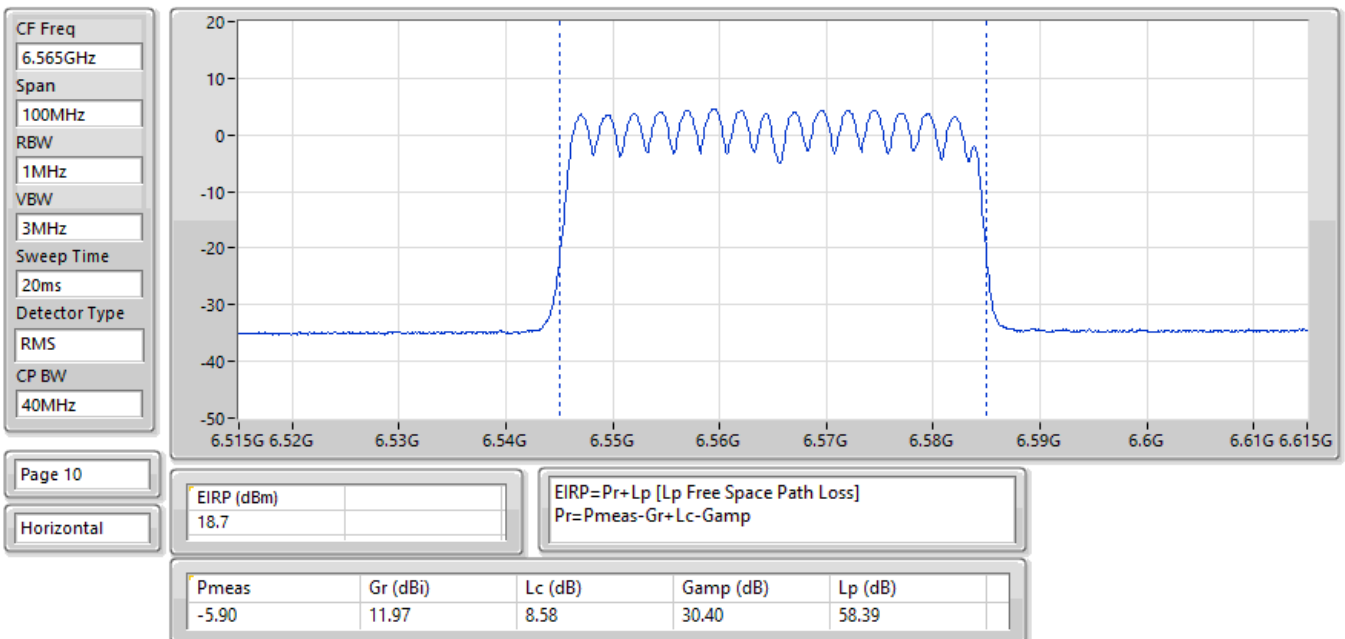
20/11/2025

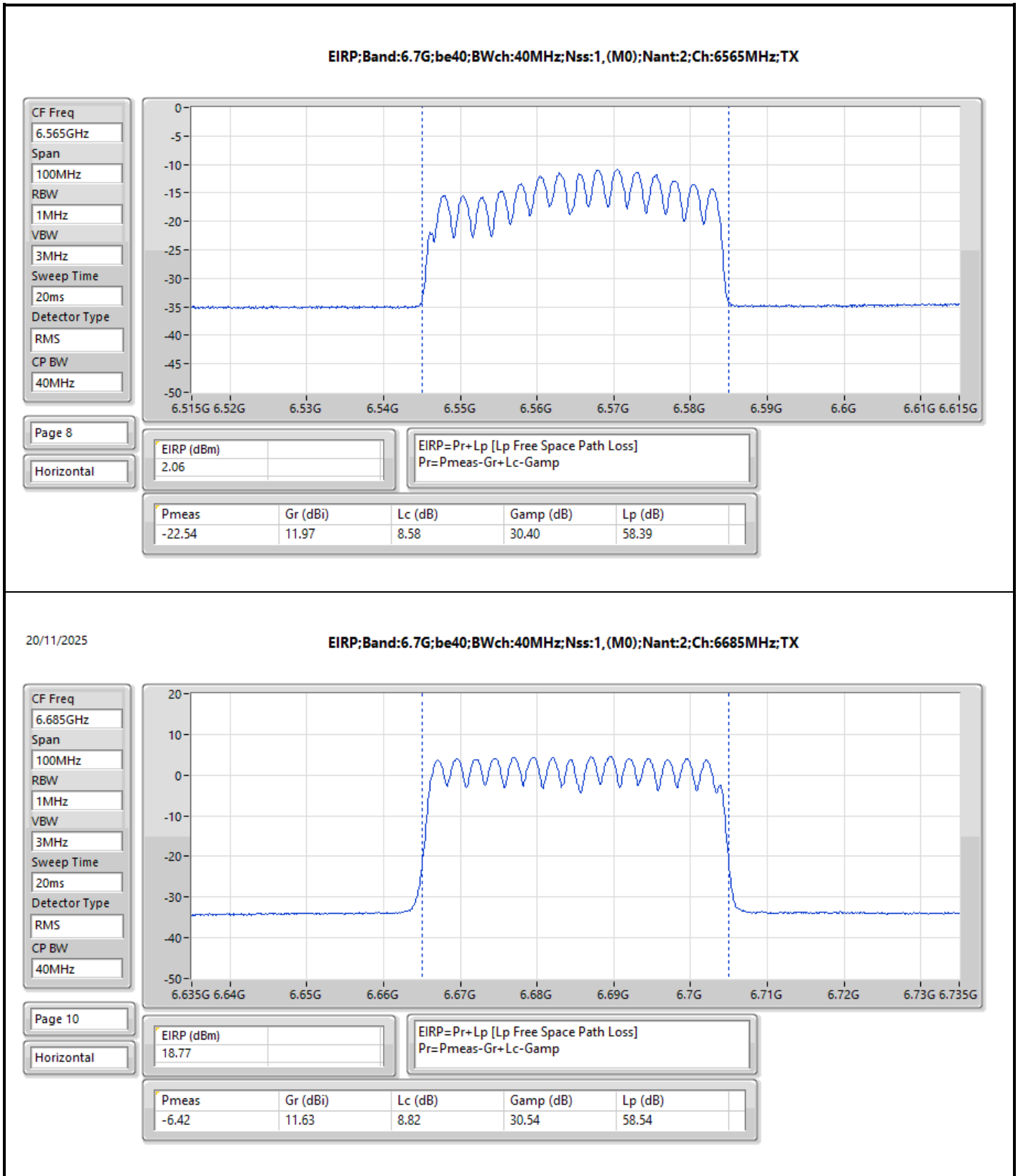
EIRP:Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6525MHz;TX



20/11/2025

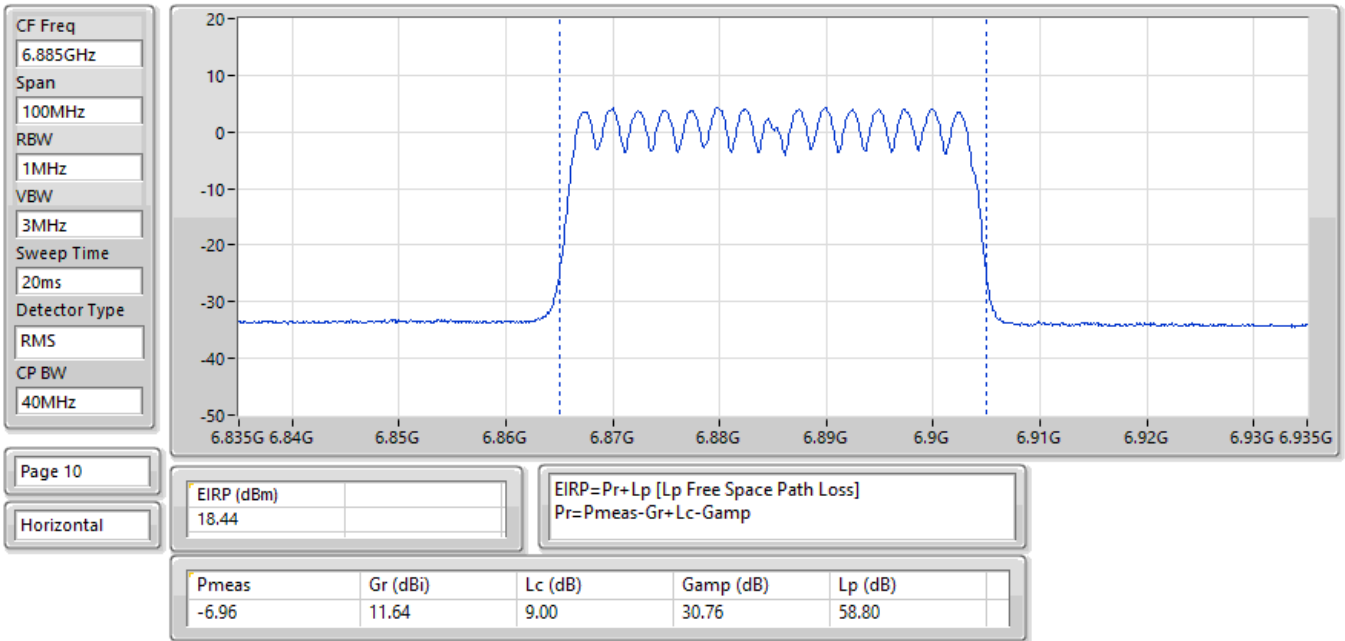
EIRP:Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6565MHz;TX





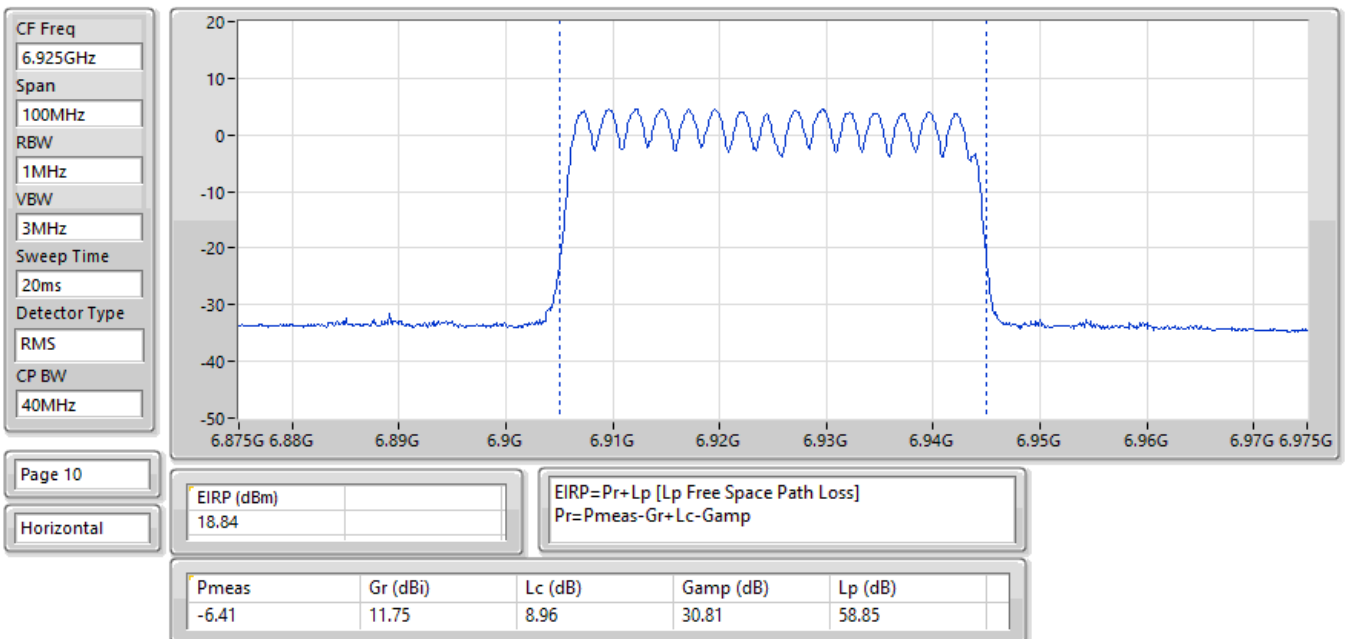
20/11/2025

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



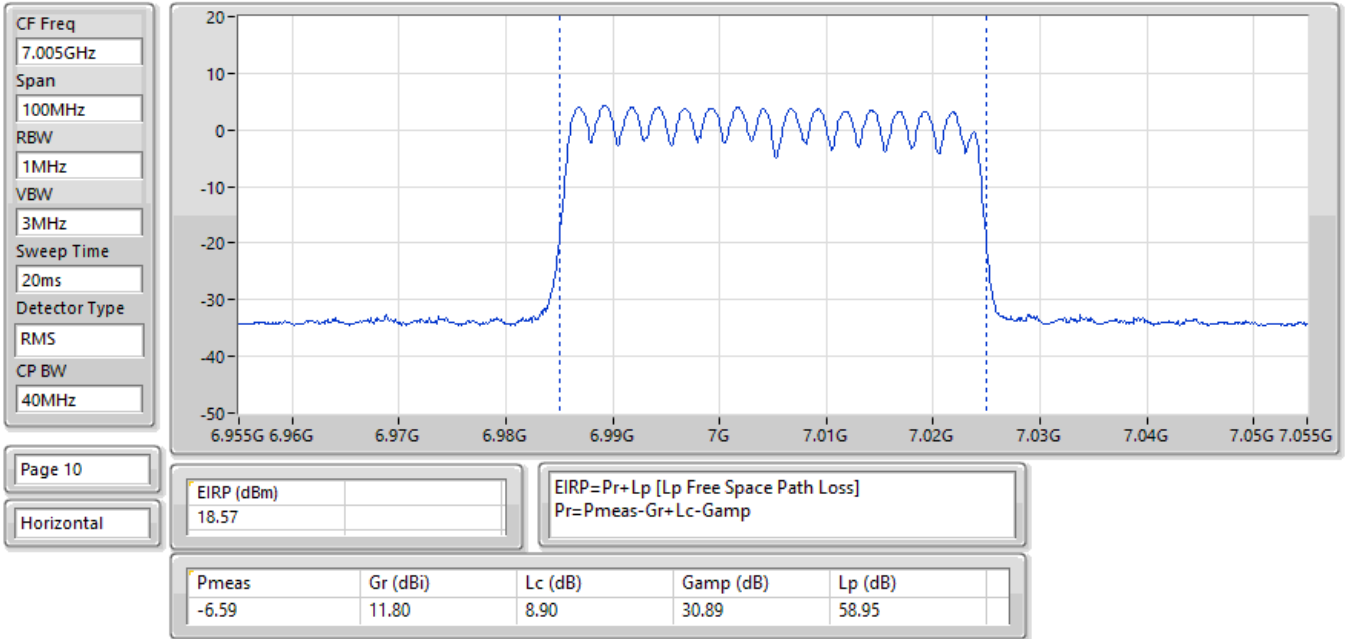
20/11/2025

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



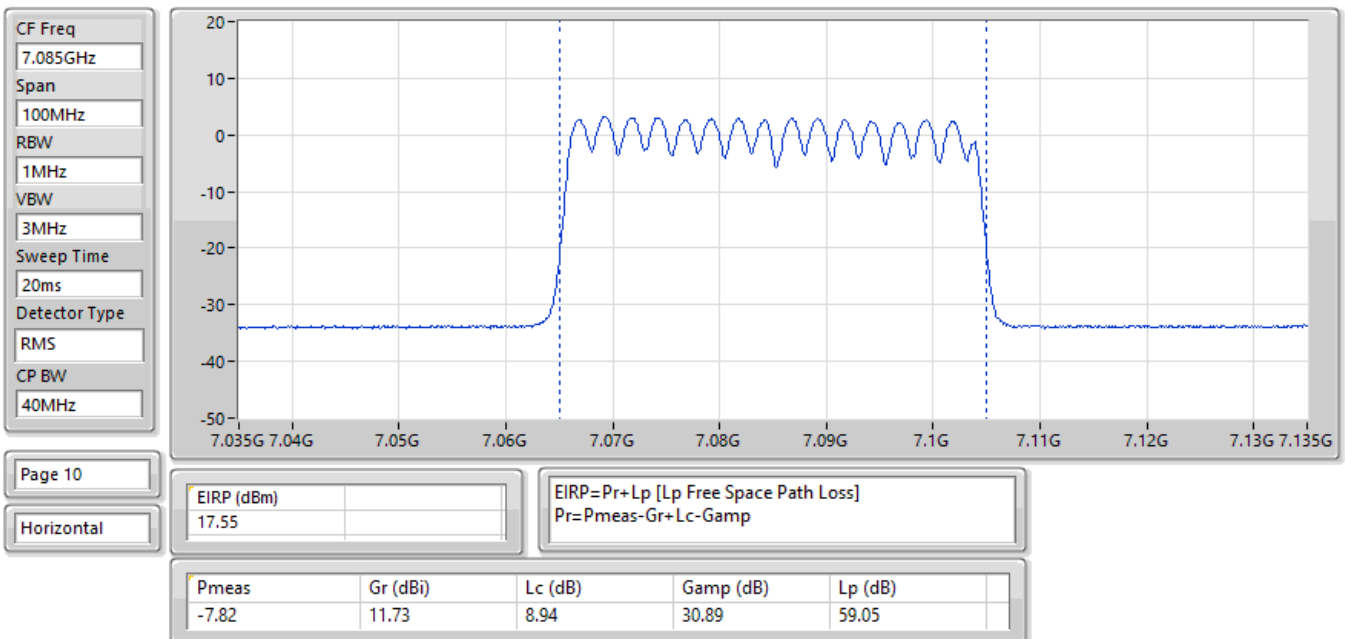
20/11/2025

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



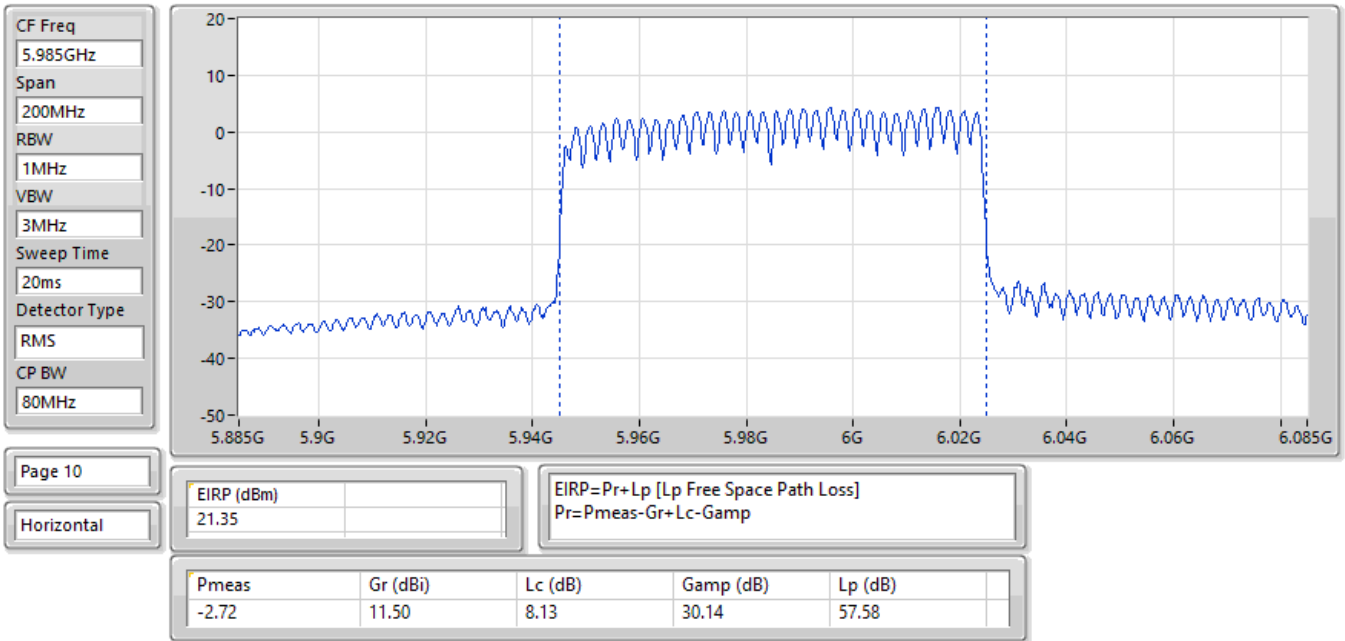
20/11/2025

EIRP:Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:7085MHz;TX



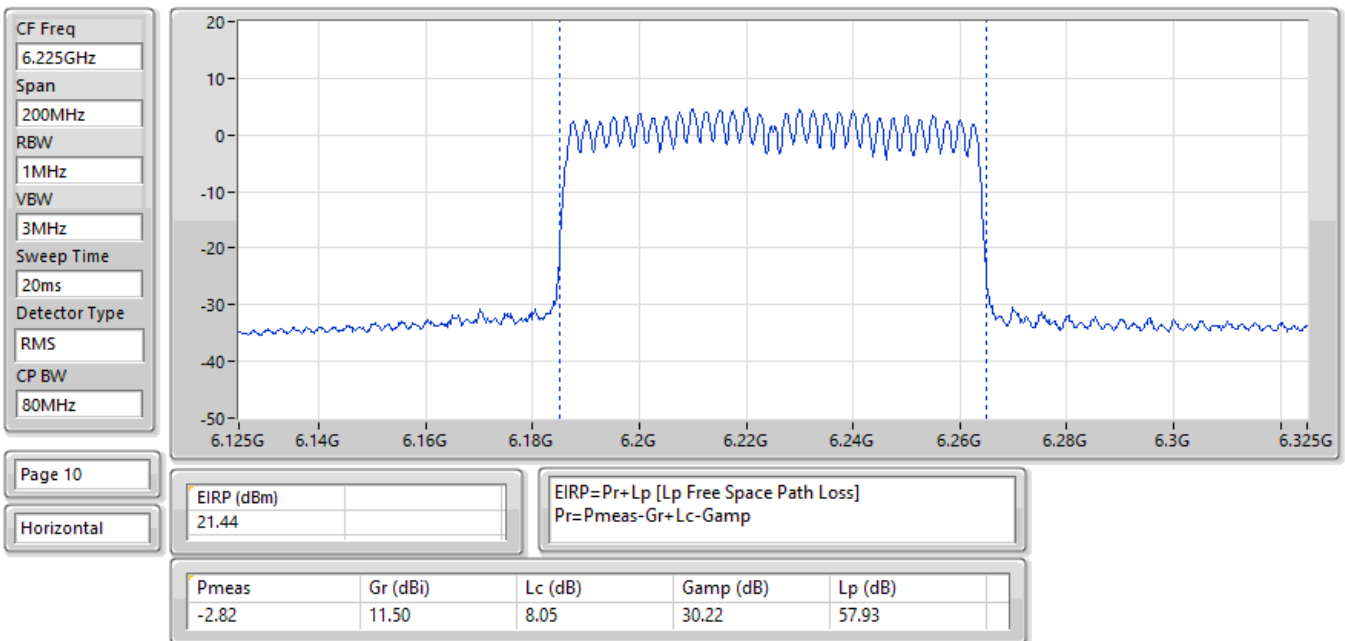
20/11/2025

EIRP:Band:6.2G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:5985MHz;TX



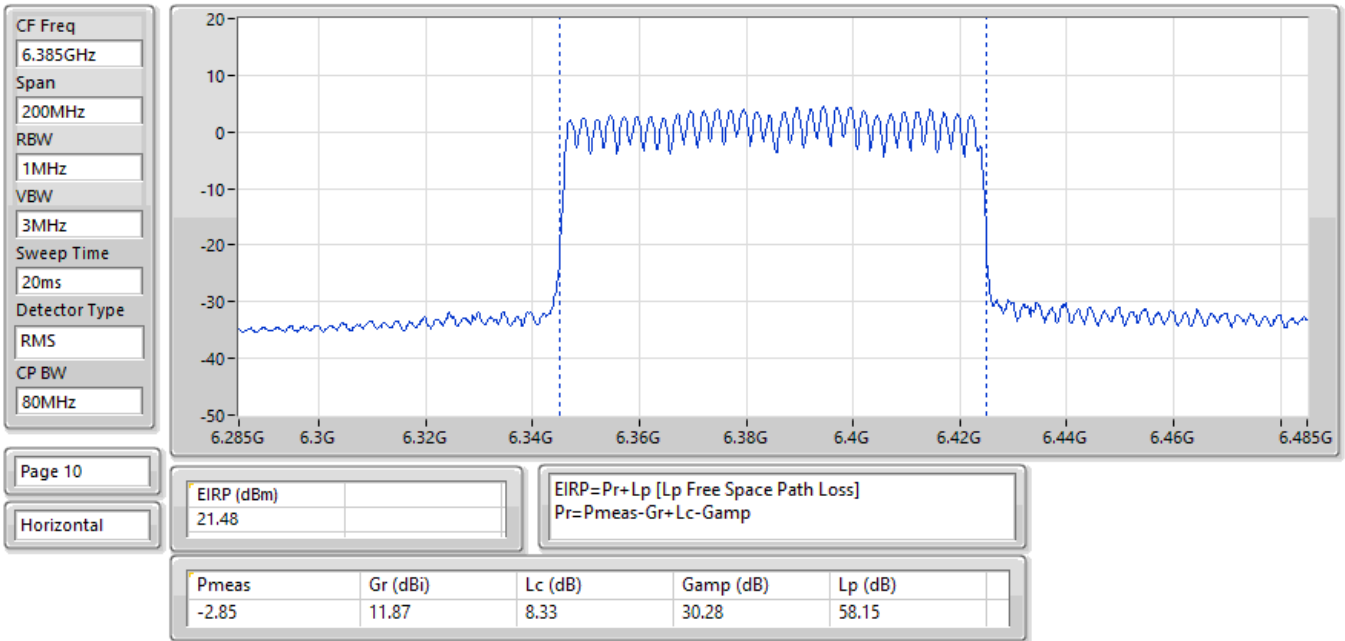
20/11/2025

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



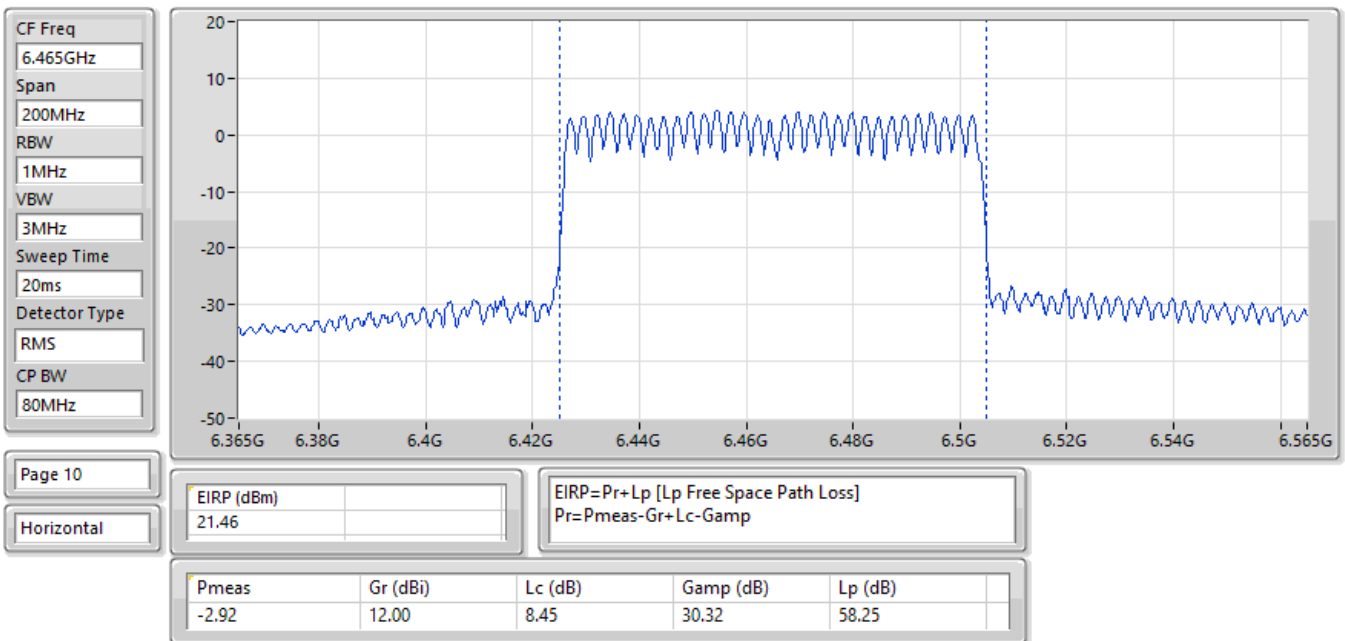
20/11/2025

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



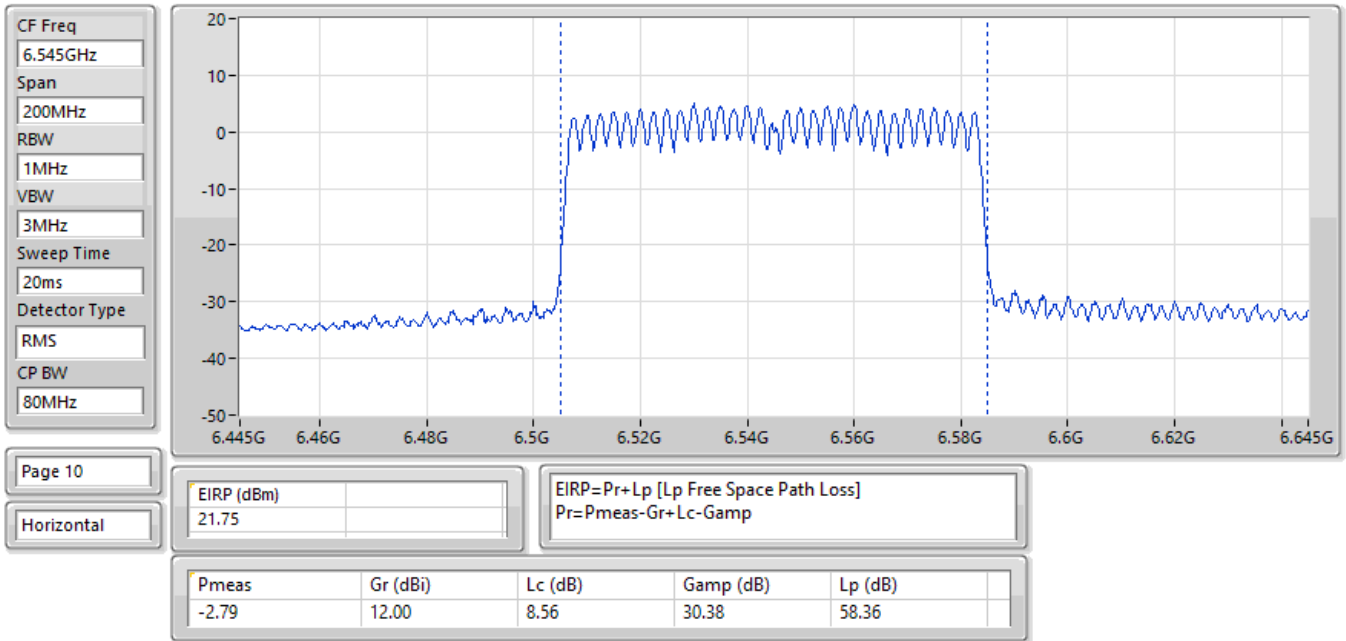
20/11/2025

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



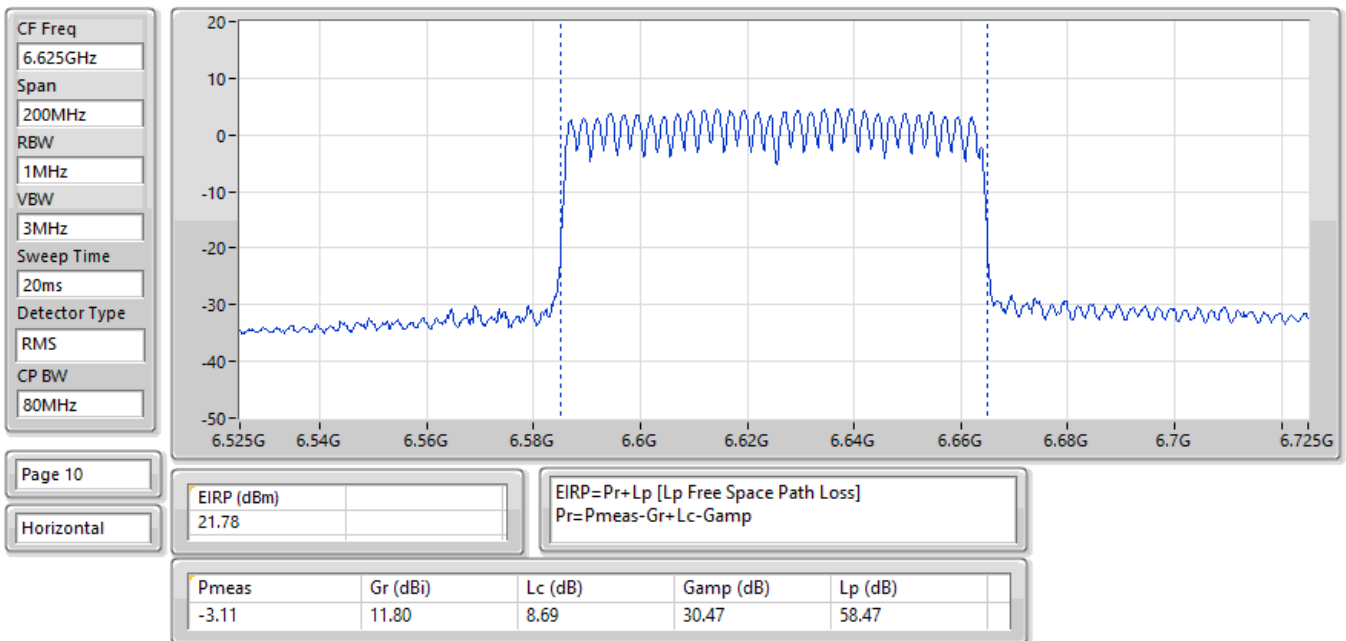
20/11/2025

EIRP:Band:6.4G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6545MHz;TX



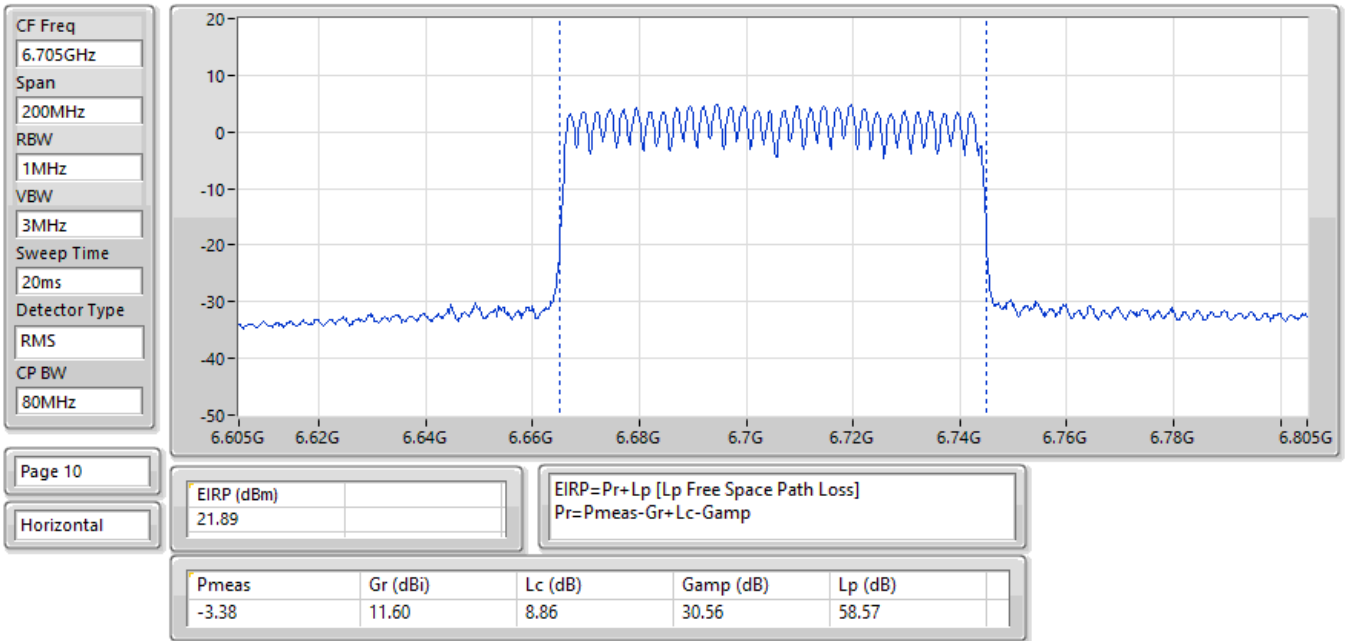
20/11/2025

EIRP:Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6625MHz;TX



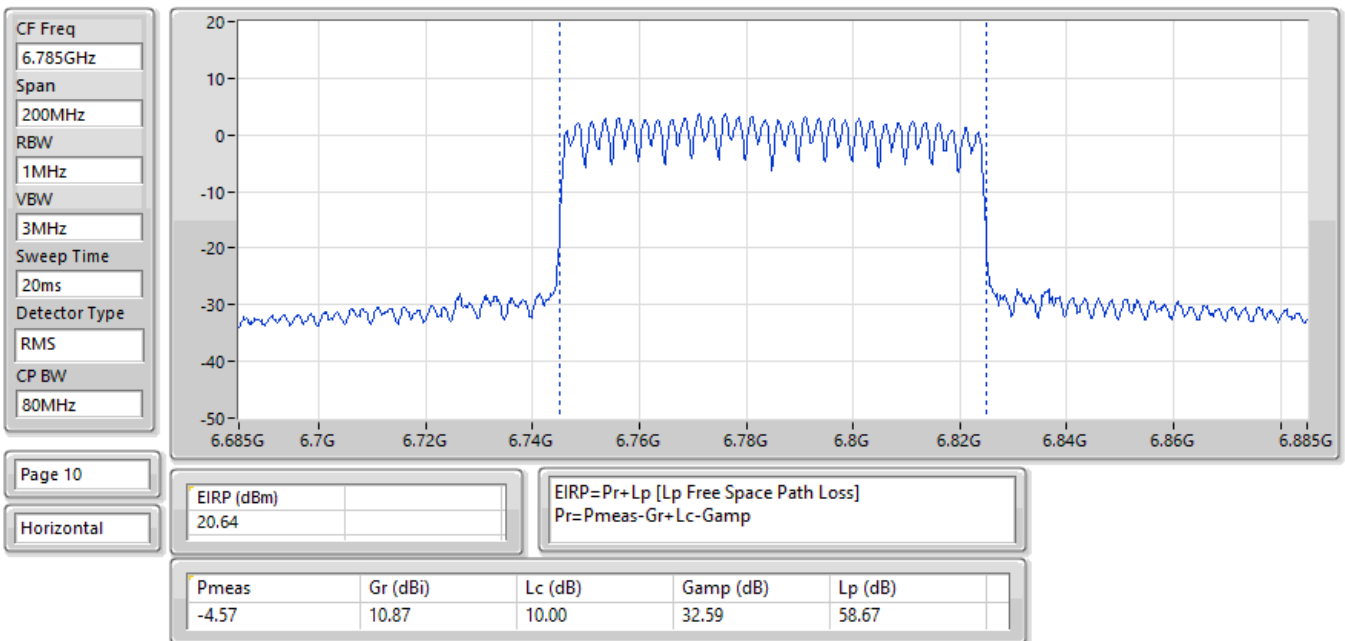
20/11/2025

EIRP:Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6705MHz;TX



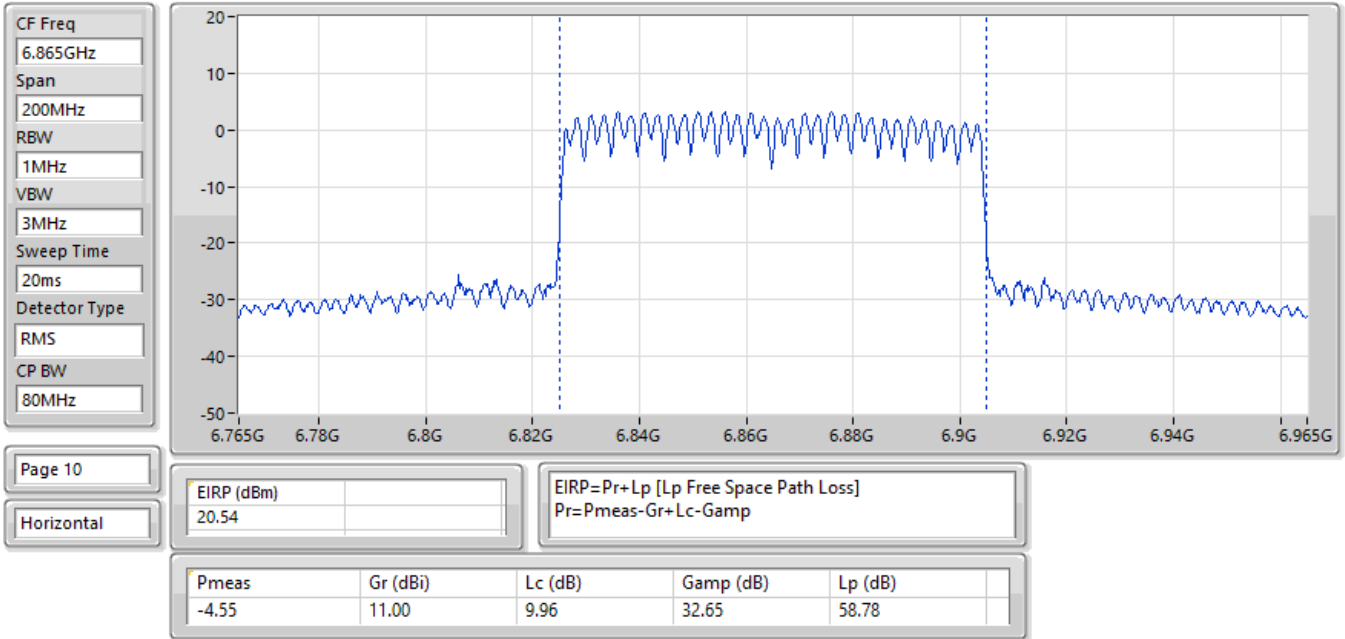
20/11/2025

EIRP:Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6785MHz;TX



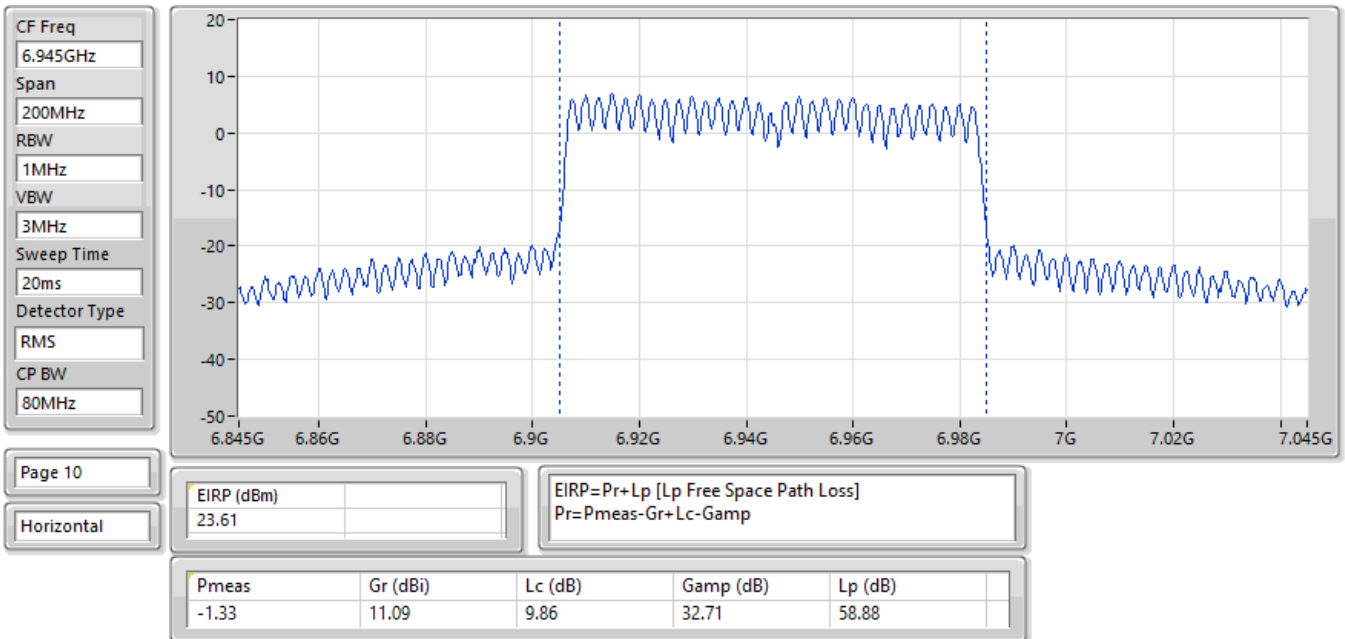
22/11/2025

EIRP:Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6865MHz;TX



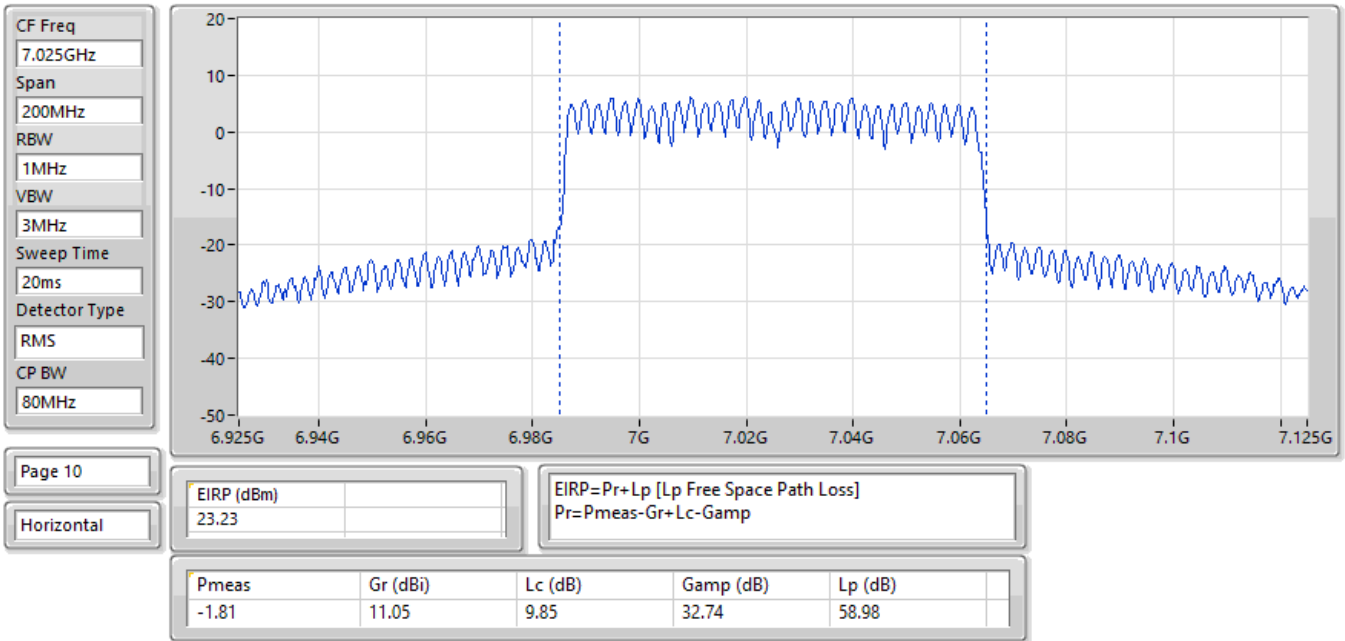
22/11/2025

EIRP:Band:7.0G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6945MHz;TX



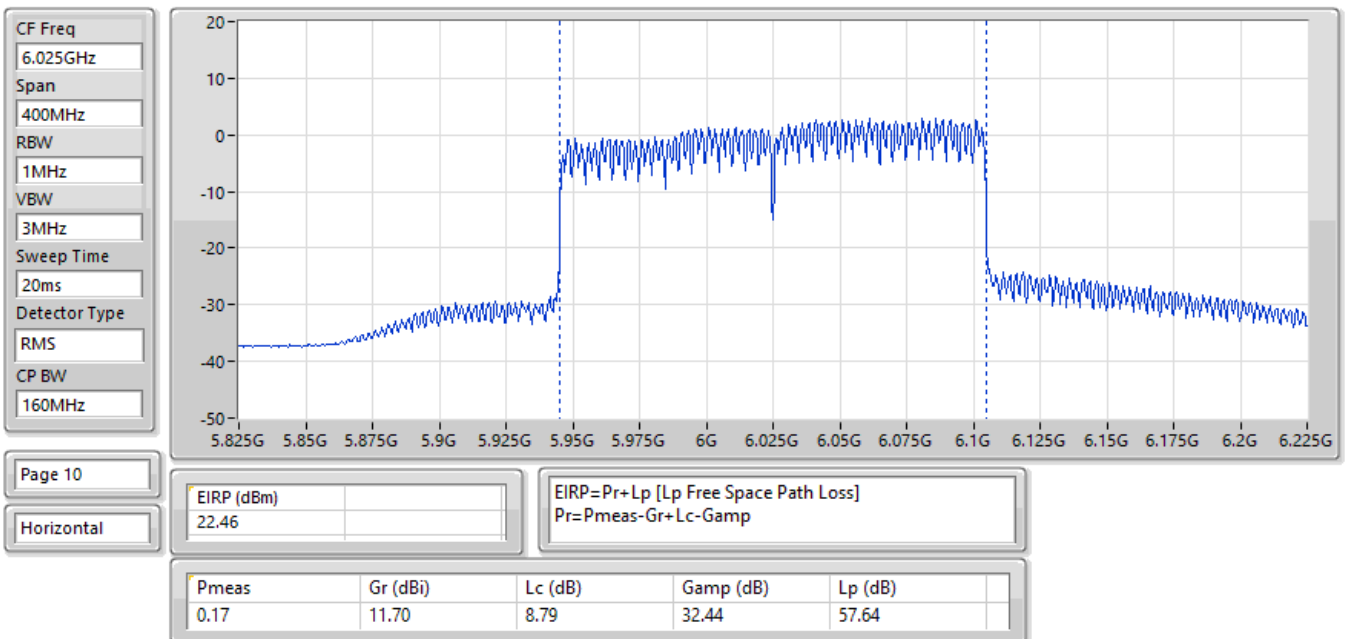
22/11/2025

EIRP;Band:7.0G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:7025MHz;TX



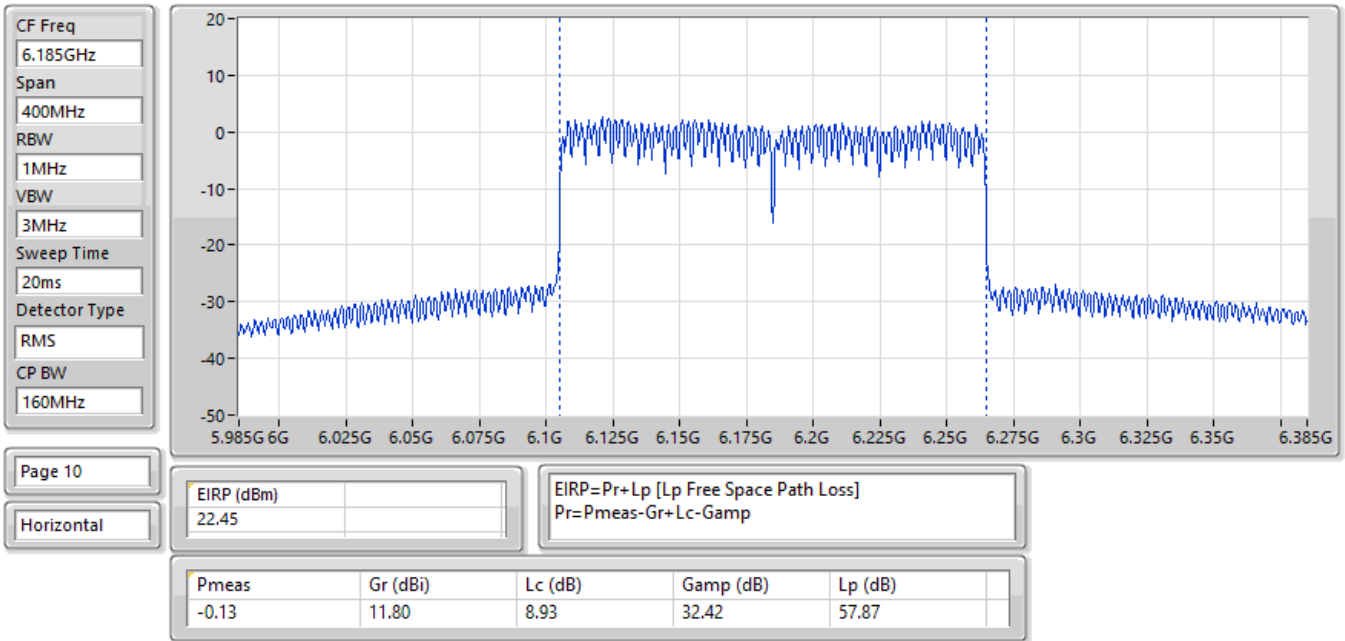
22/11/2025

EIRP;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6025MHz;TX



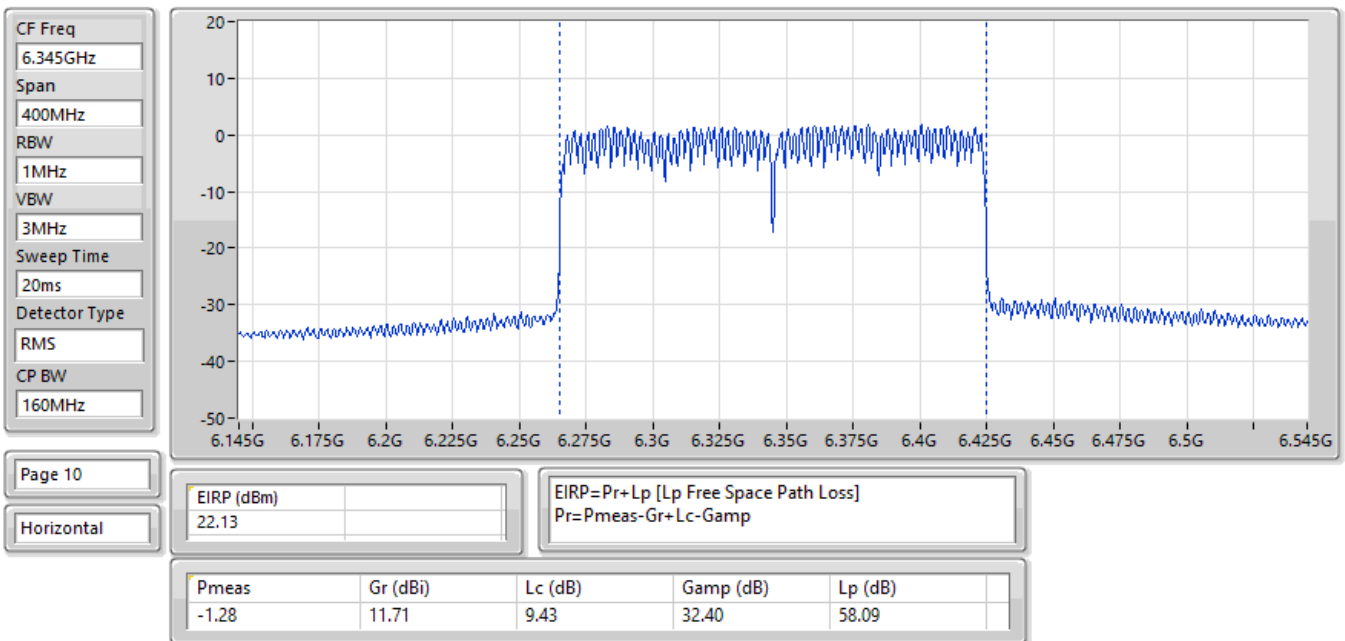
22/11/2025

EIRP;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6185MHz;TX



22/11/2025

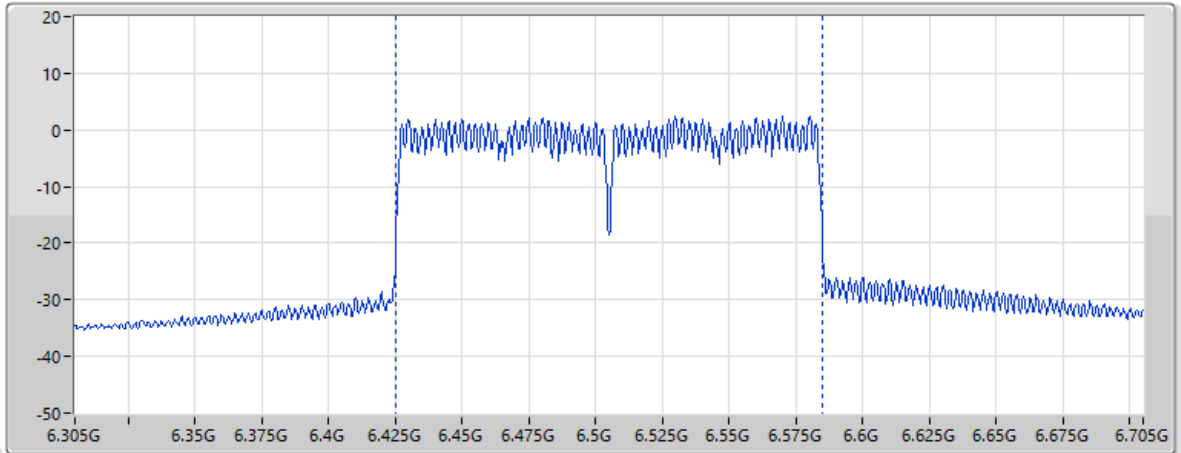
EIRP;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6345MHz;TX



22/11/2025

EIRP;Band:6.4G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6505MHz;TX

CF Freq
6.505GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
160MHz



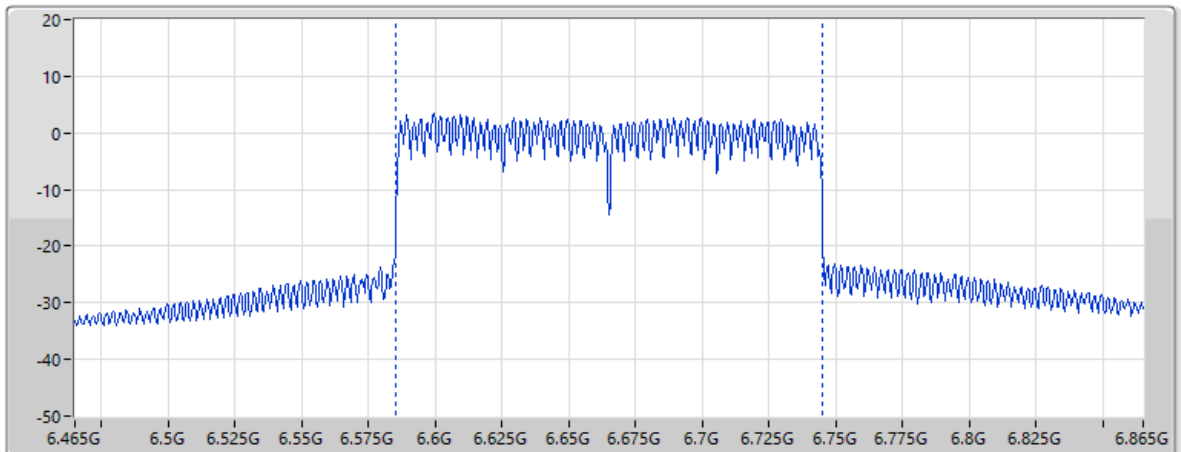
Page 10
Horizontal

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)
-1.94	11.17	9.54	32.38	58.31

22/11/2025

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

CF Freq
6.665GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
160MHz



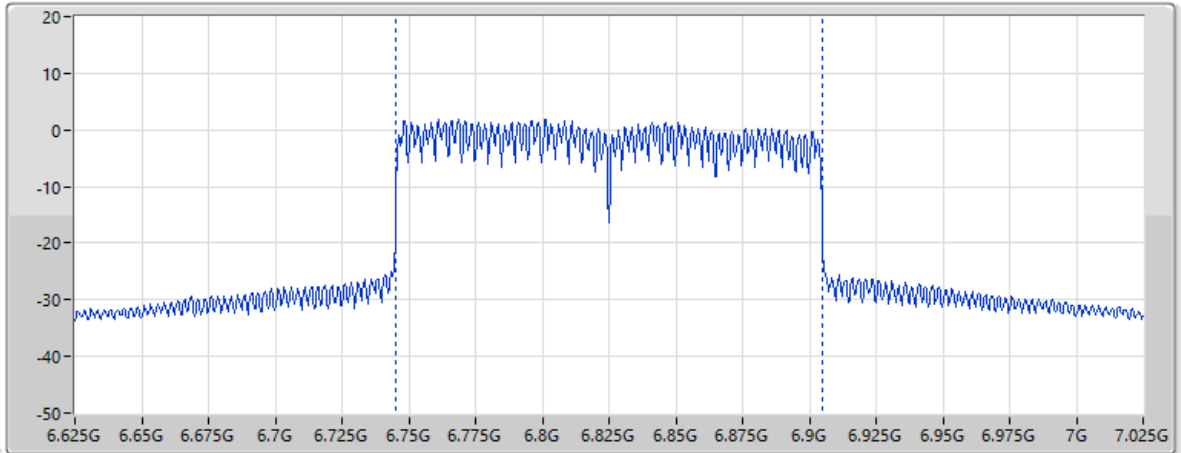
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
23.31				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-1.70	10.67	9.66	32.50	58.52

22/11/2025

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

CF Freq
6.825GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
160MHz



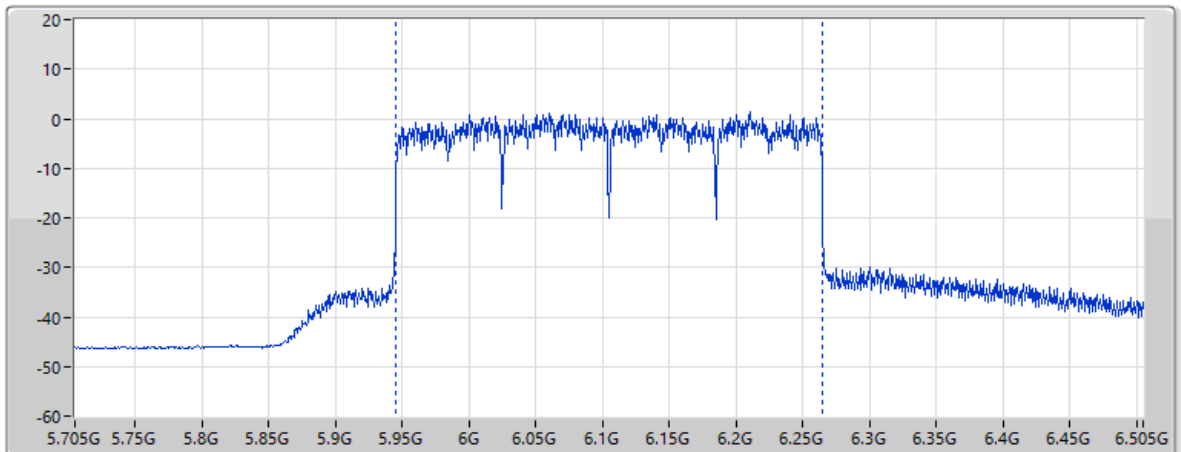
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
21.9				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-3.26	10.95	10.01	32.62	58.72

22/10/2025

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

CF Freq
6.105GHz
Span
800MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
320MHz

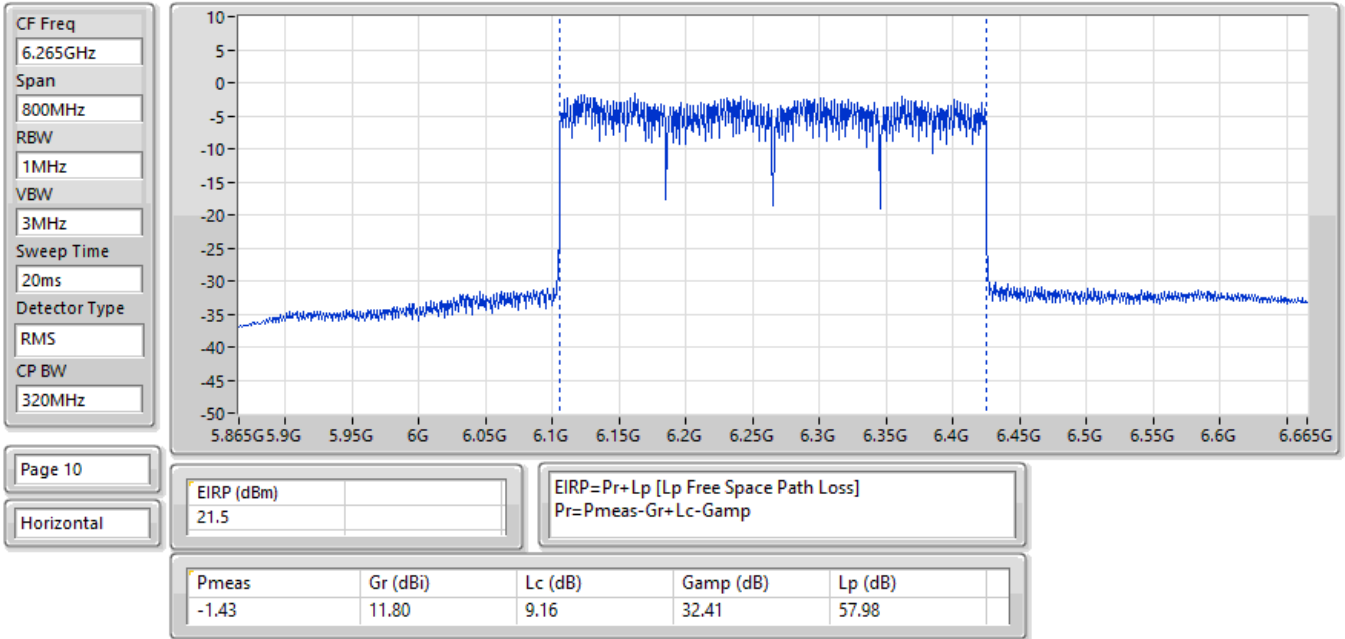


Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
23.99				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
13.67	13.49	9.21	43.16	57.76

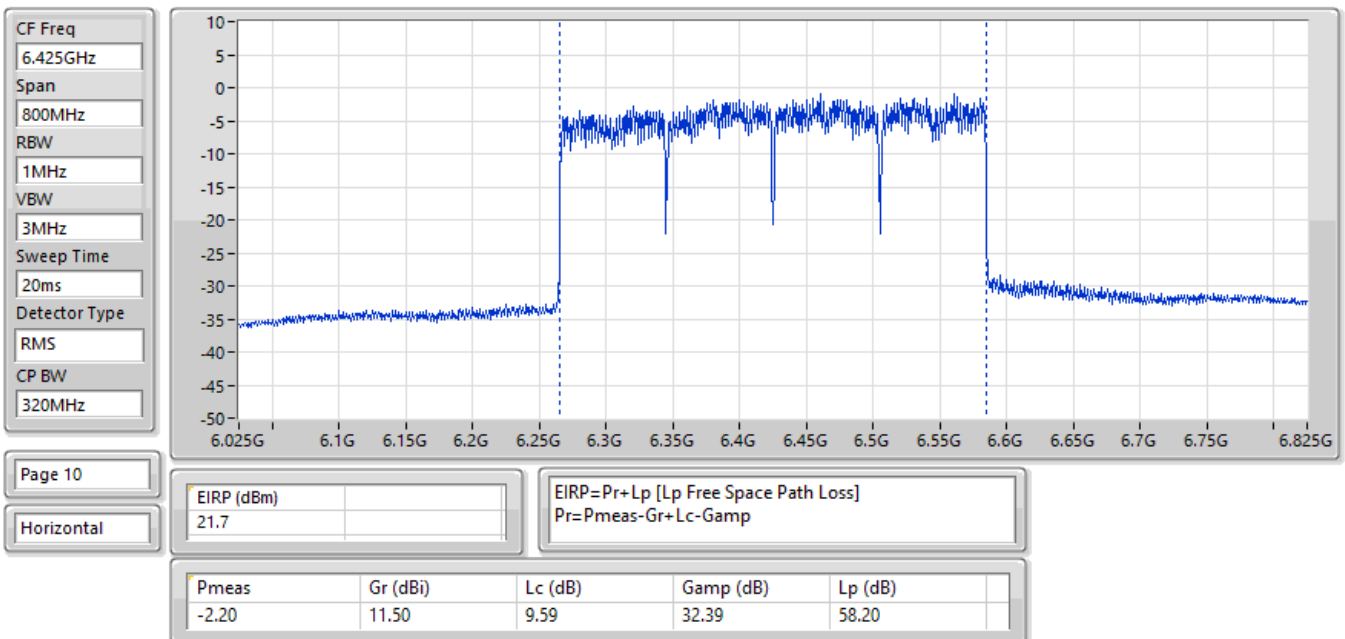
22/11/2025

EIRP;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6265MHz;TX



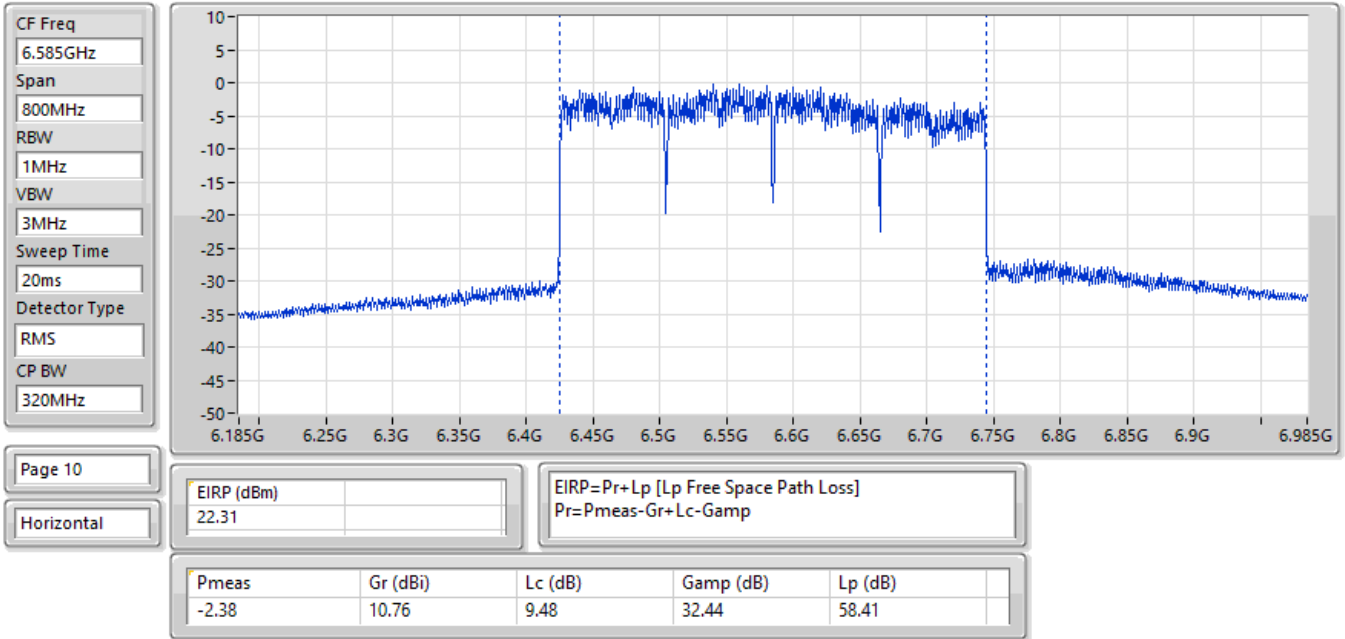
22/11/2025

EIRP;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6425MHz;TX



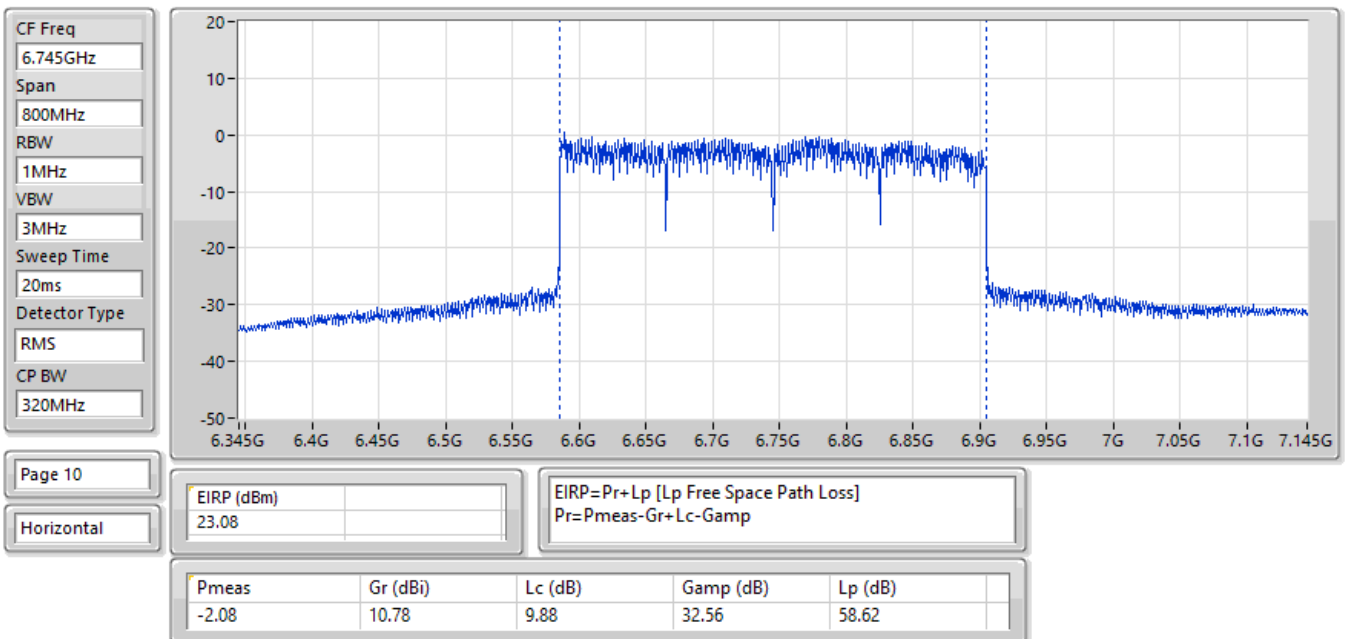
22/11/2025

EIRP;Band:6.4G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6585MHz;TX



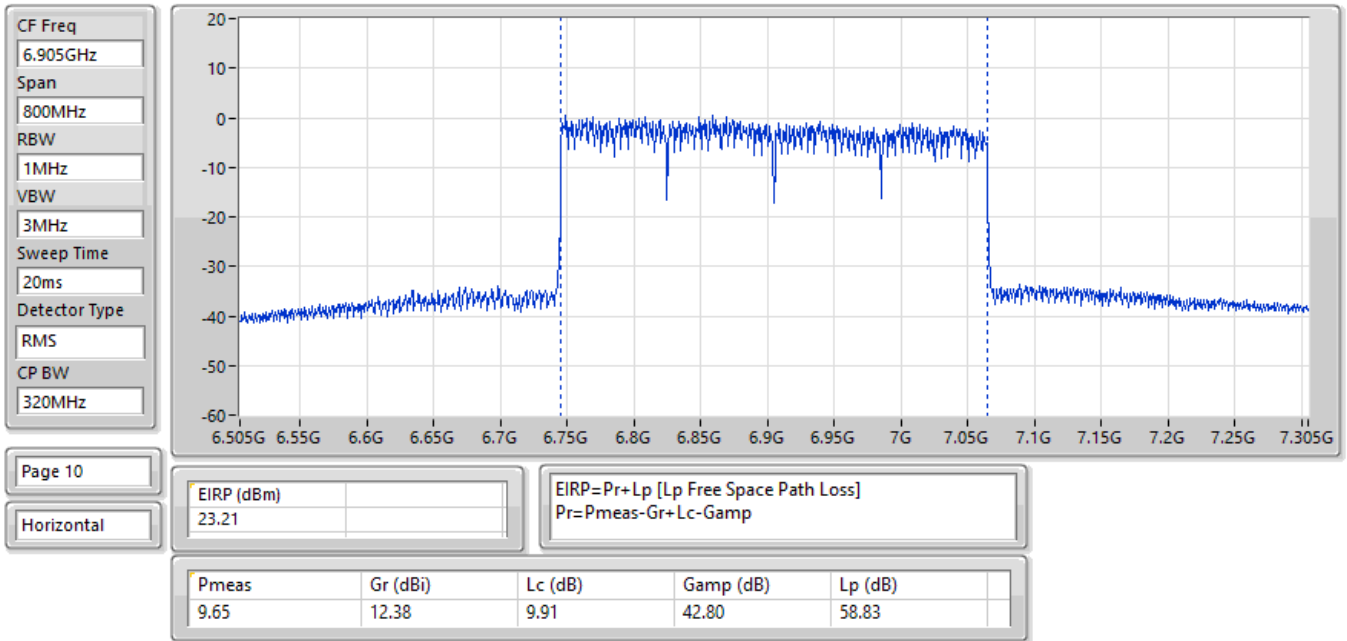
22/11/2025

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



22/10/2025

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



Summary

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	19.26	0.08433
802.11be EHT40-BF_Nss1,(MCS0)_2TX	22.01	0.15885
802.11be EHT80-BF_Nss1,(MCS0)_2TX	22.62	0.18281
802.11be EHT160-BF_Nss1,(MCS0)_2TX	25.25	0.33497
802.11be EHT320-BF_Nss1,(MCS0)_2TX	25.31	0.33963
6.425-6.525GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	16.99	0.05000
802.11be EHT40-BF_Nss1,(MCS0)_2TX	22.34	0.17140
802.11be EHT80-BF_Nss1,(MCS0)_2TX	23.14	0.20606
802.11be EHT160-BF_Nss1,(MCS0)_2TX	22.91	0.19543
802.11be EHT320-BF_Nss1,(MCS0)_2TX	24.88	0.30761
6.525-6.875GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	17.21	0.05260
802.11be EHT40-BF_Nss1,(MCS0)_2TX	19.91	0.09795
802.11be EHT80-BF_Nss1,(MCS0)_2TX	24.35	0.27227
802.11be EHT160-BF_Nss1,(MCS0)_2TX	25.18	0.32961
802.11be EHT320-BF_Nss1,(MCS0)_2TX	25.64	0.36644
6.875-7.125GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	17.43	0.05534
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.63	0.11561
802.11be EHT80-BF_Nss1,(MCS0)_2TX	22.15	0.16406
802.11be EHT160-BF_Nss1,(MCS0)_2TX	25.51	0.35563



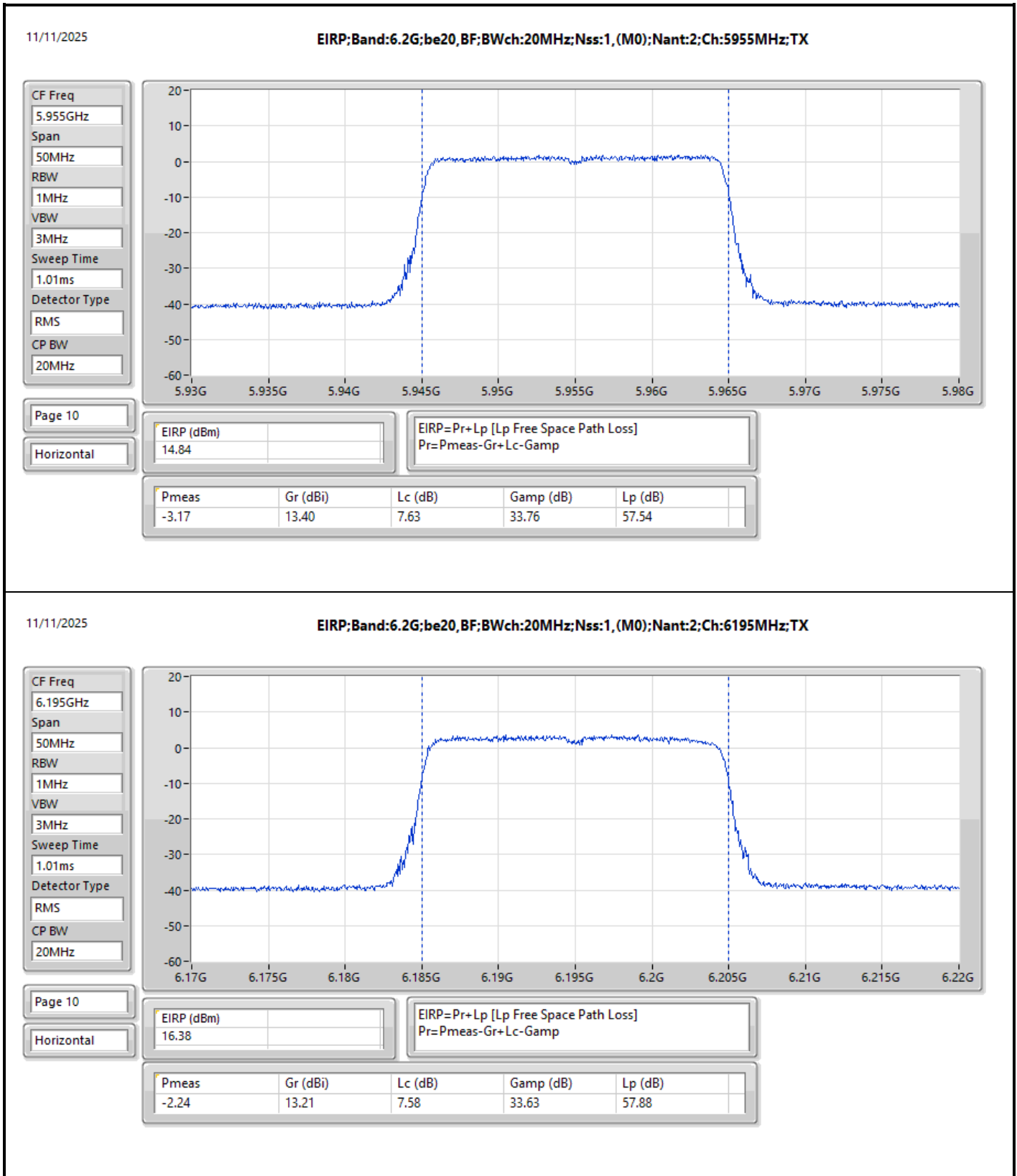
Radiated EIRP_Test Mode: Mode 1_Beamforming mode

Appendix C.2

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	14.84	30.00
6195MHz	Pass	16.38	30.00
6415MHz	Pass	19.26	30.00
6435MHz	Pass	16.99	30.00
6475MHz	Pass	16.26	30.00
6515MHz	Pass	16.88	30.00
6535MHz	Pass	15.50	30.00
6695MHz	Pass	16.55	30.00
6875MHz	Pass	17.21	30.00
6895MHz	Pass	15.33	30.00
6995MHz	Pass	15.22	30.00
7095MHz	Pass	17.43	30.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	19.92	30.00
6205MHz	Pass	17.04	30.00
6405MHz	Pass	22.01	30.00
6445MHz	Pass	22.34	30.00
6485MHz	Pass	20.71	30.00
6525MHz	Pass	19.14	30.00
6565MHz	Pass	19.03	30.00
6685MHz	Pass	19.91	30.00
6885MHz	Pass	19.55	30.00
6925MHz	Pass	20.63	30.00
7005MHz	Pass	20.22	30.00
7085MHz	Pass	19.59	30.00
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	22.62	30.00
6225MHz	Pass	22.30	30.00
6385MHz	Pass	22.16	30.00
6465MHz	Pass	22.95	30.00
6545MHz	Pass	23.14	30.00
6625MHz	Pass	24.35	30.00
6705MHz	Pass	21.75	30.00
6785MHz	Pass	23.19	30.00
6865MHz	Pass	22.83	30.00
6945MHz	Pass	21.84	30.00
7025MHz	Pass	22.15	30.00
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	24.35	30.00
6185MHz	Pass	21.24	30.00
6345MHz	Pass	25.25	30.00
6505MHz	Pass	22.91	30.00
6665MHz	Pass	24.90	30.00
6825MHz	Pass	25.18	30.00
6985MHz	Pass	25.51	30.00
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-	-	-
6105MHz	Pass	24.00	30.00
6265MHz	Pass	21.59	30.00
6425MHz	Pass	25.31	30.00
6585MHz	Pass	24.88	30.00
6745MHz	Pass	25.55	30.00
6905MHz	Pass	25.64	30.00

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



11/11/2025

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

CF Freq

6.195GHz

Span

50MHz

RBW

1MHz

VBW

3MHz

Sweep Time

1.01ms

Detector Type

RMS

CP BW

20MHz

Page 10

Horizontal

EIRP (dBm)

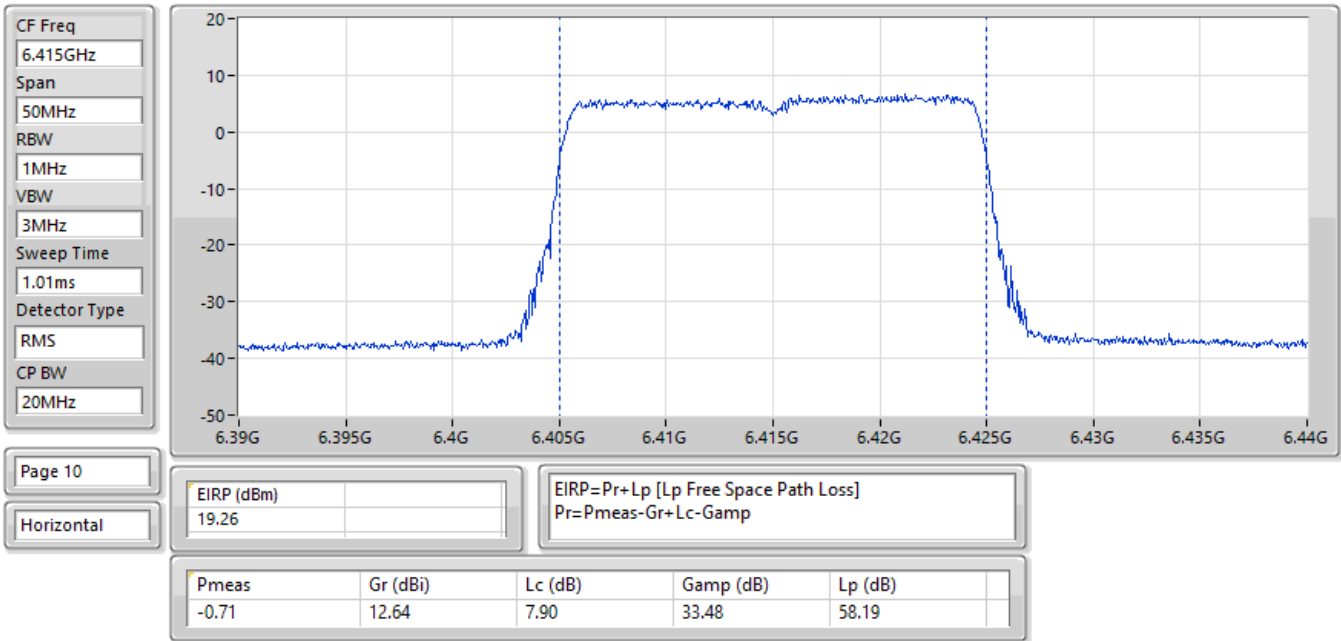
16.38

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

Pr=Pmeas-Gr+Lc-Gamp

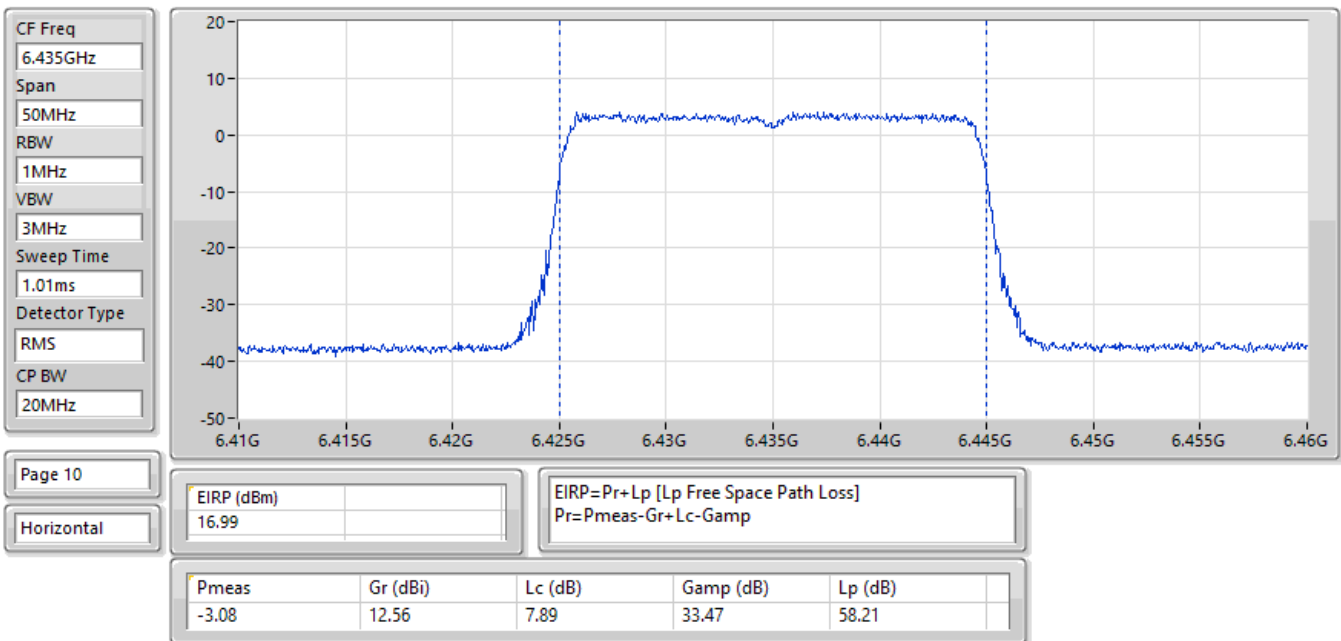
11/11/2025

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



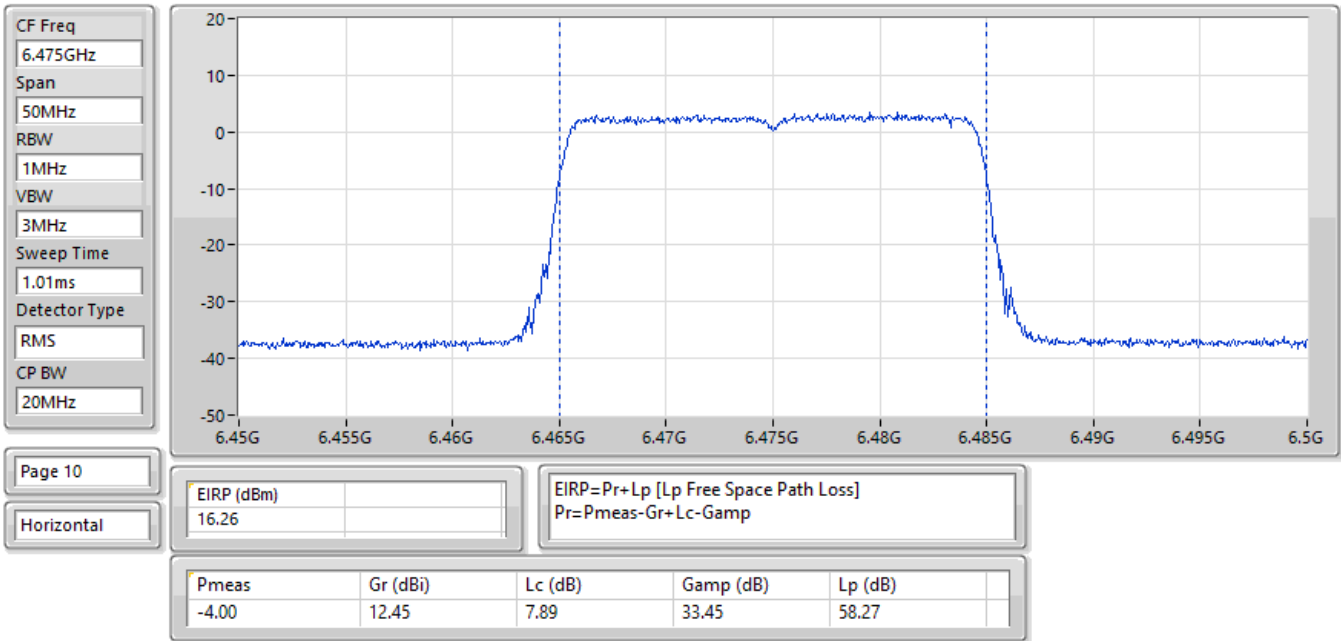
11/11/2025

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



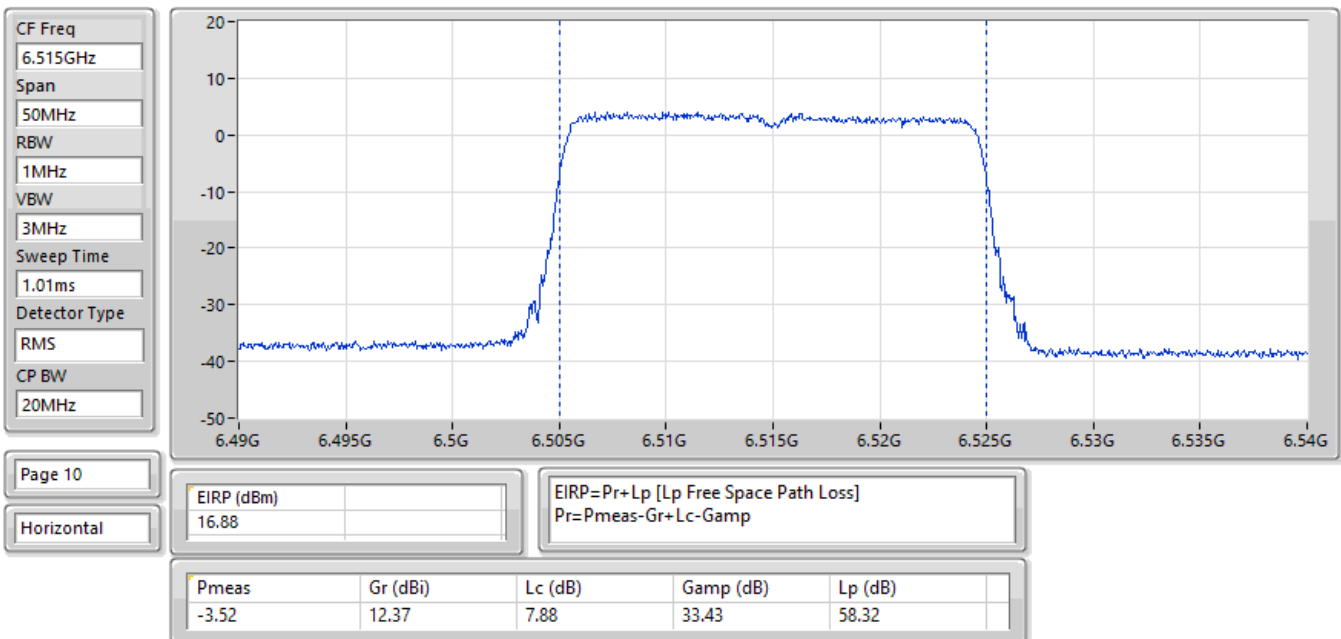
11/11/2025

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



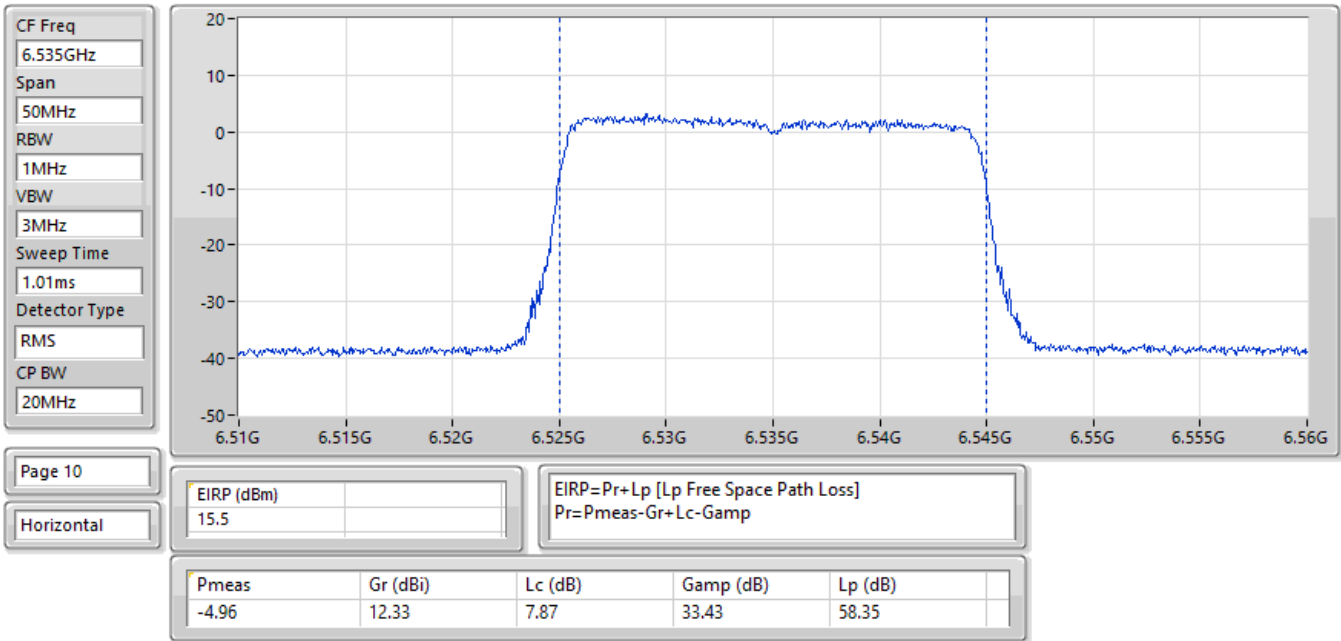
11/11/2025

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



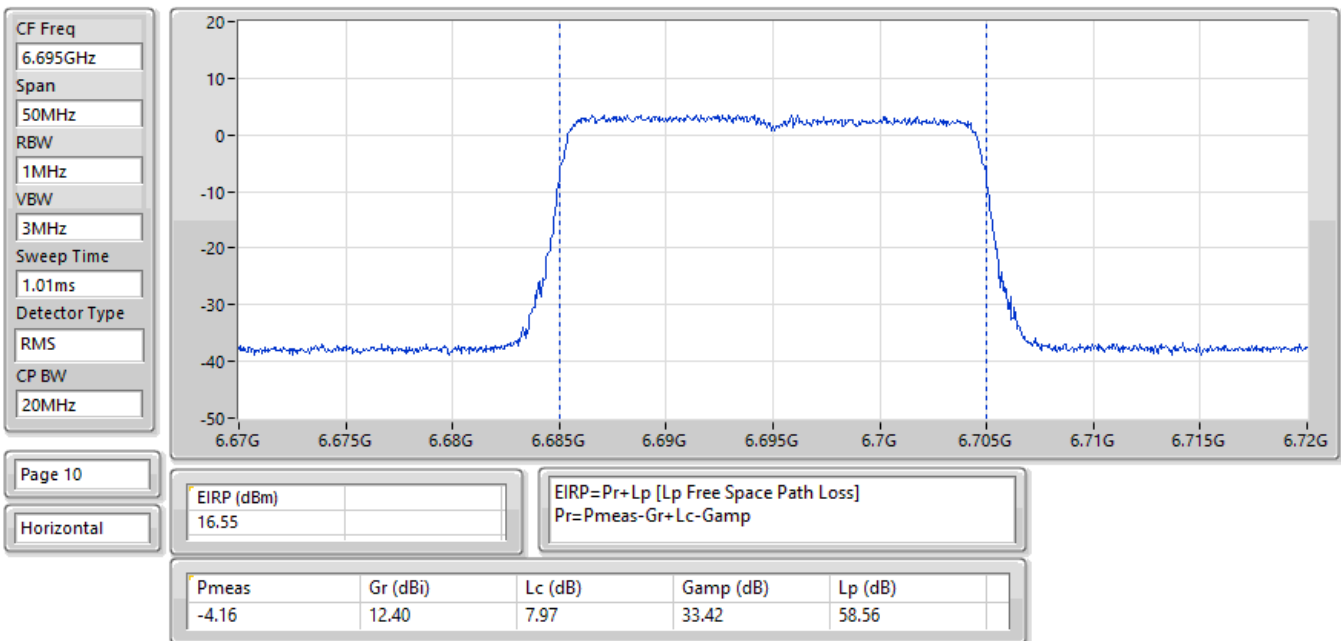
11/11/2025

EIRP:Band:6.7G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6535MHz;TX



11/11/2025

EIRP:Band:6.7G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6695MHz;TX



11/11/2025

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

CF Freq
6.875GHz

Span
50MHz

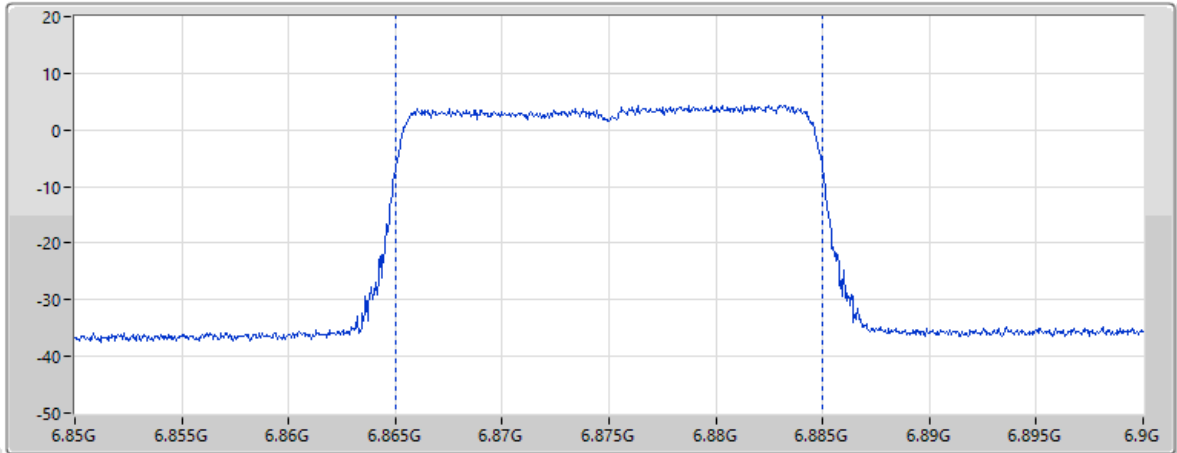
RBW
1MHz

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]		
17.21		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-4.19	12.20	8.22	33.41	58.79

11/11/2025

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

CF Freq
6.895GHz

Span
50MHz

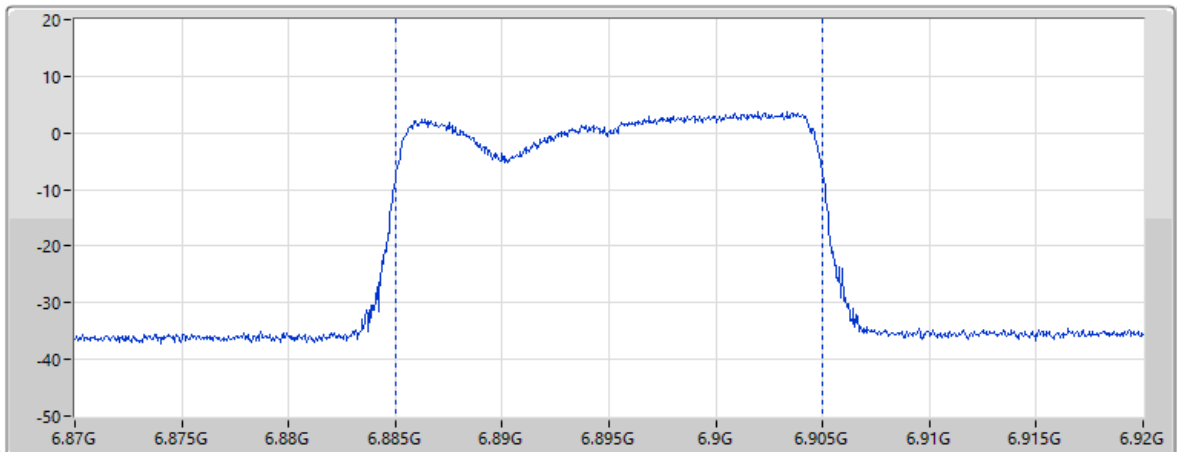
RBW
1MHz

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]		
15.33		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-6.28	12.04	8.25	33.41	58.81

11/11/2025

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

CF Freq
6.995GHz

Span
50MHz

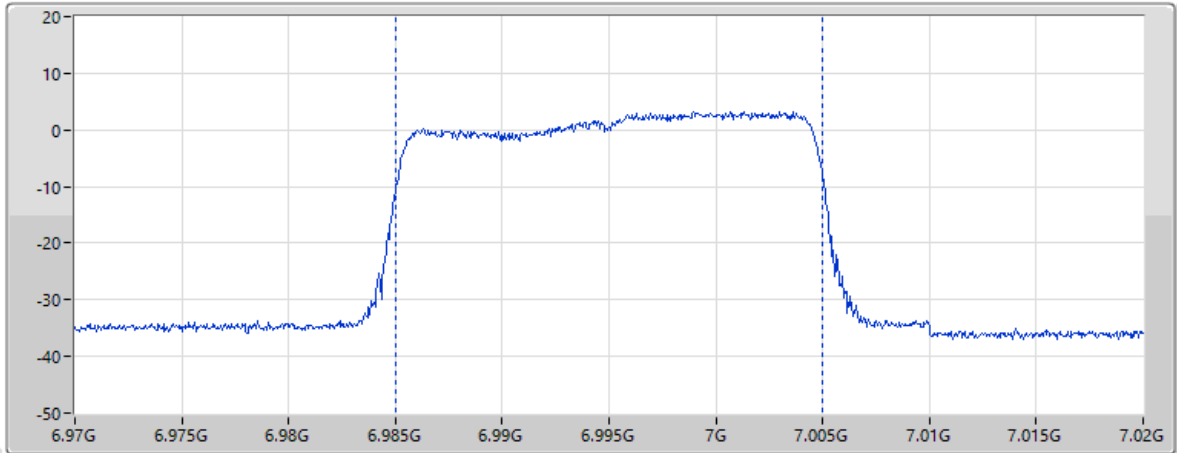
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
20MHz



Page 9

Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
15.22				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-6.92	11.81	8.41	33.40	58.94

12/11/2025

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

CF Freq
7.095GHz

Span
50MHz

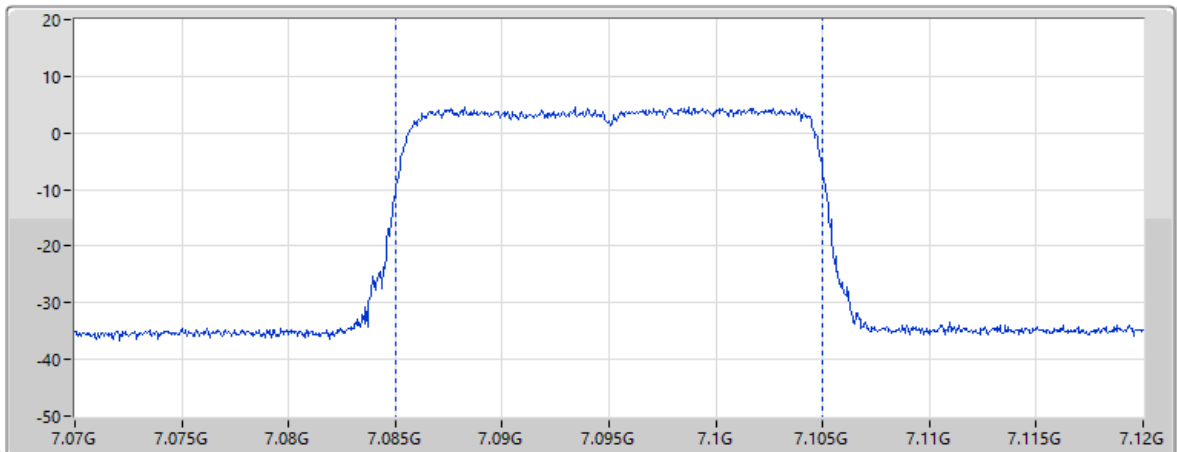
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
20MHz



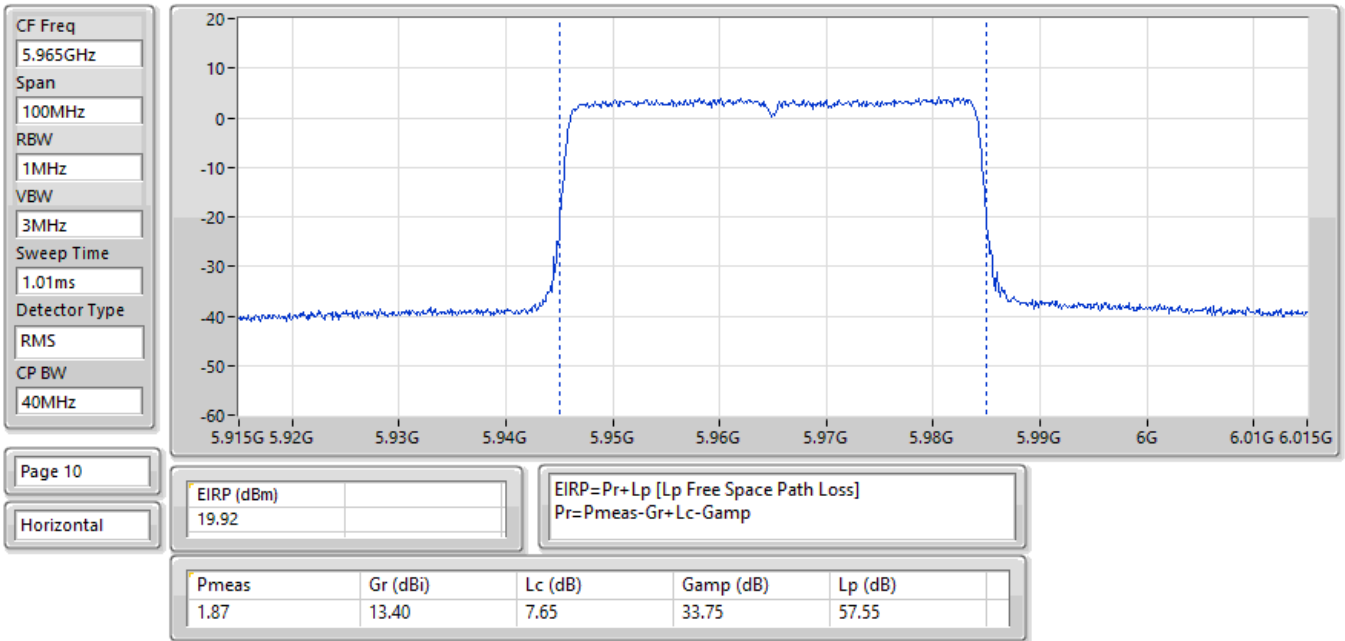
Page 9

Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
17.43				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-5.38	11.24	8.43	33.44	59.06

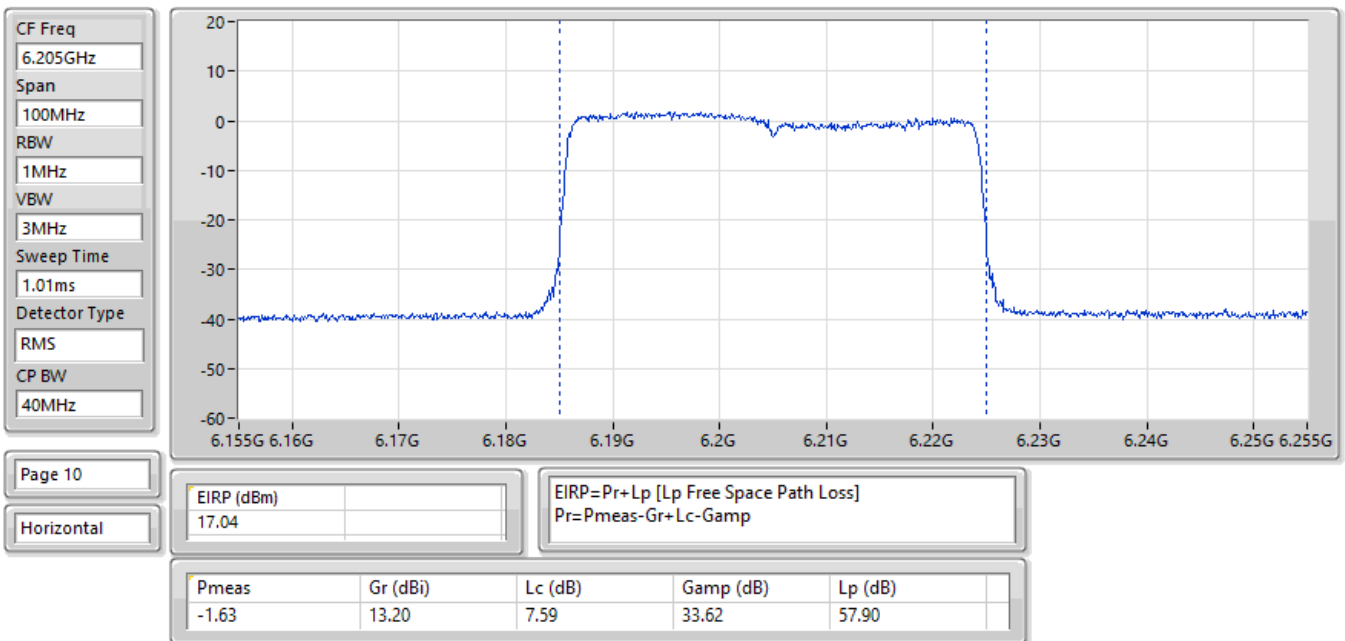
11/11/2025

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



11/11/2025

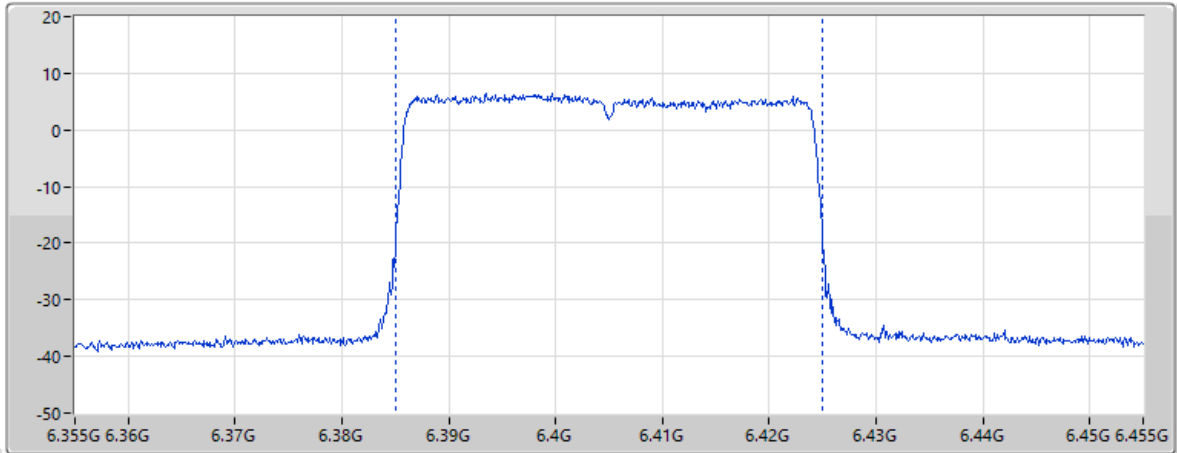
EIRP:Band:6.2G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6205MHz;TX



11/11/2025

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

CF Freq
6.405GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
40MHz



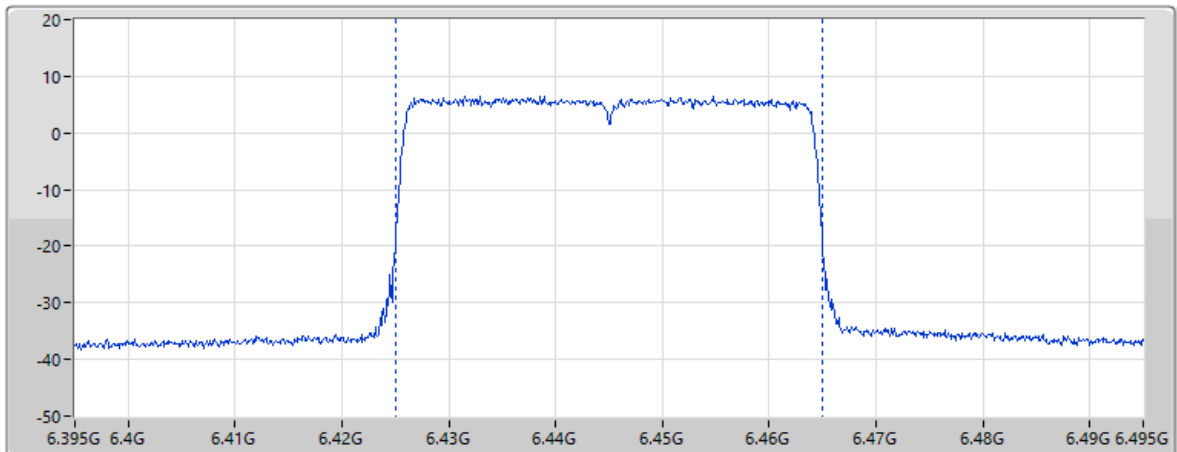
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
22.01				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
2.11	12.68	7.90	33.49	58.17

11/11/2025

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

CF Freq
6.445GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
40MHz



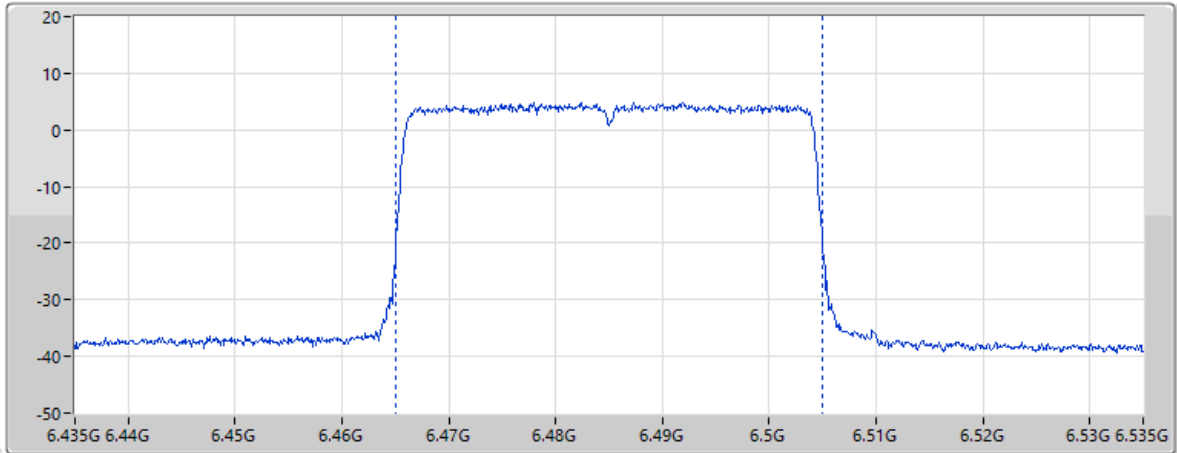
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
22.34				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
2.21	12.52	7.89	33.47	58.23

11/11/2025

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

CF Freq
6.485GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
40MHz



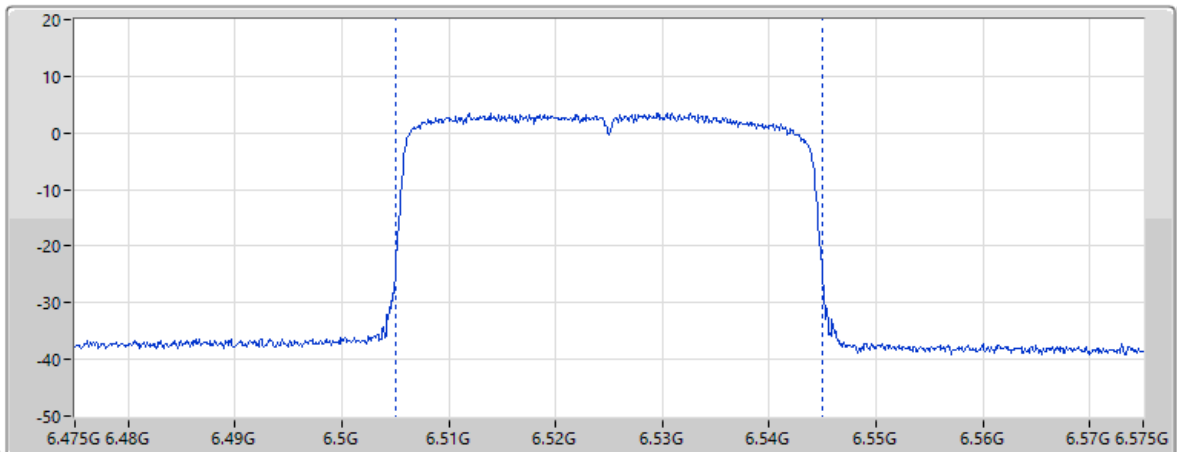
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
20.71		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
0.42	12.43	7.88	33.44	58.28

11/11/2025

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

CF Freq
6.525GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
40MHz



Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
19.14		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-1.28	12.35	7.87	33.43	58.33

12/11/2025

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

CF Freq
6.565GHz

Span
100MHz

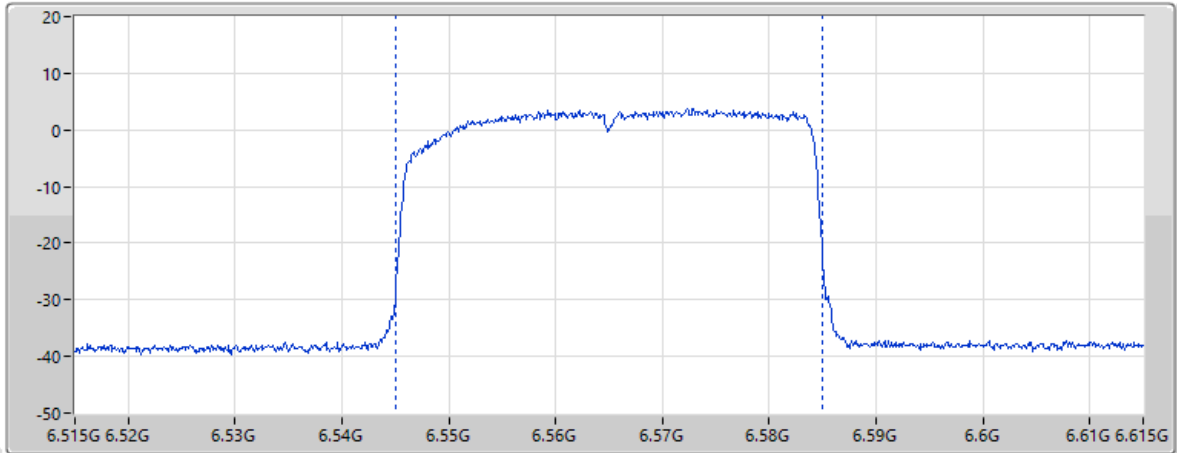
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
40MHz



Page 10

Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
19.03		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-1.50	12.30	7.87	33.43	58.39

11/11/2025

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

CF Freq
6.685GHz

Span
100MHz

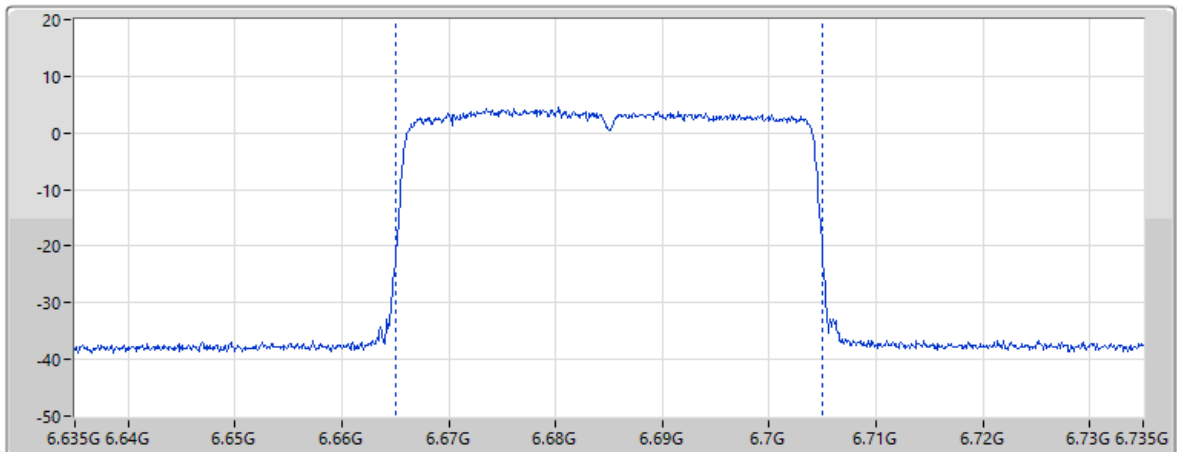
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
40MHz



Page 10

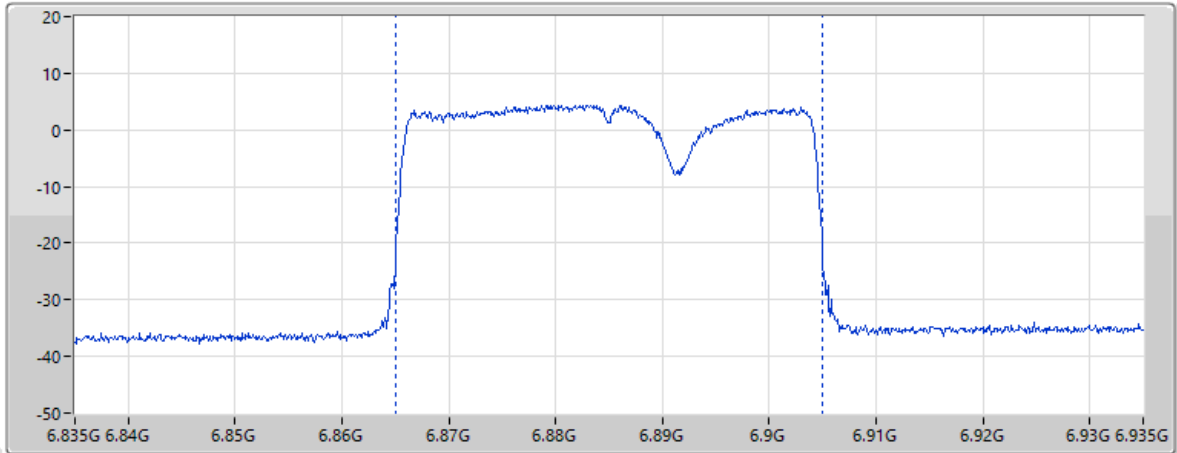
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
19.91		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.77	12.40	7.96	33.42	58.54

11/11/2025

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

CF Freq
6.885GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
40MHz



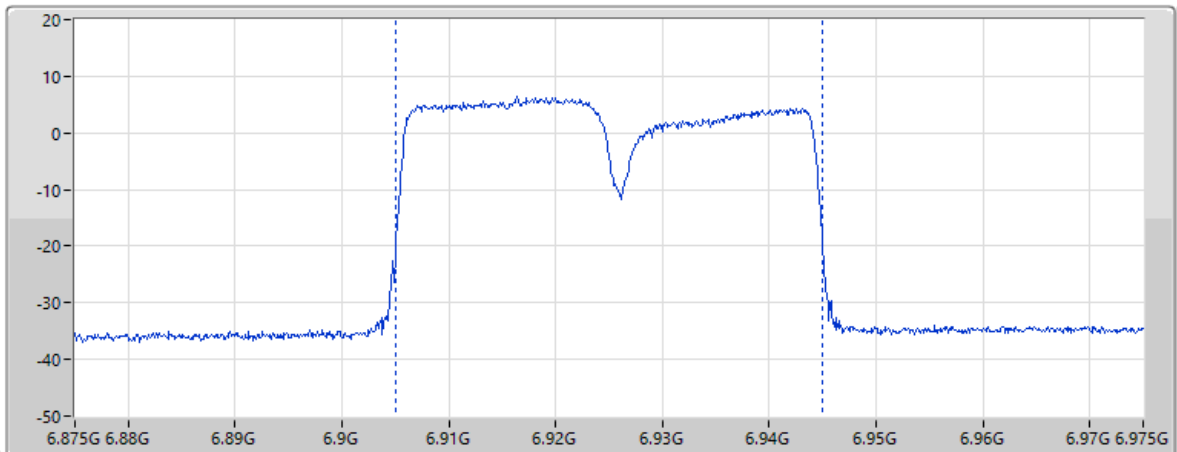
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
19.55		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-1.96	12.12	8.24	33.41	58.80

12/11/2025

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

CF Freq
6.925GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
40MHz

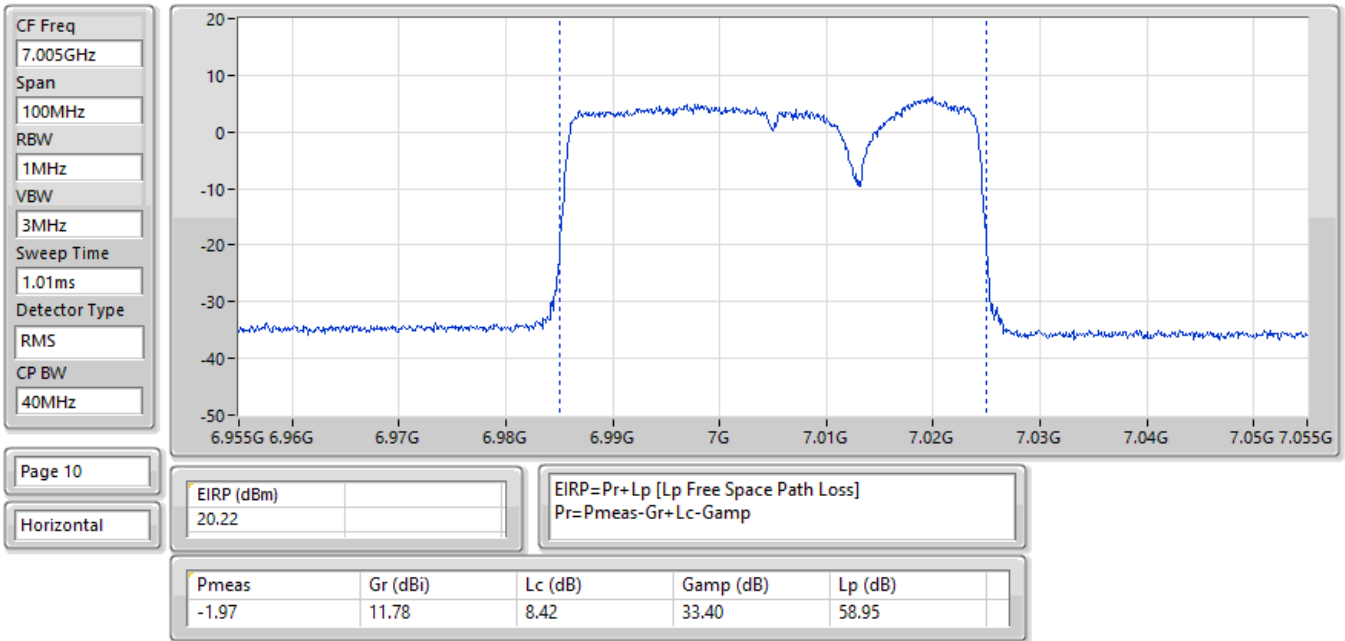


Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
20.63		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-1.17	11.95	8.30	33.40	58.85

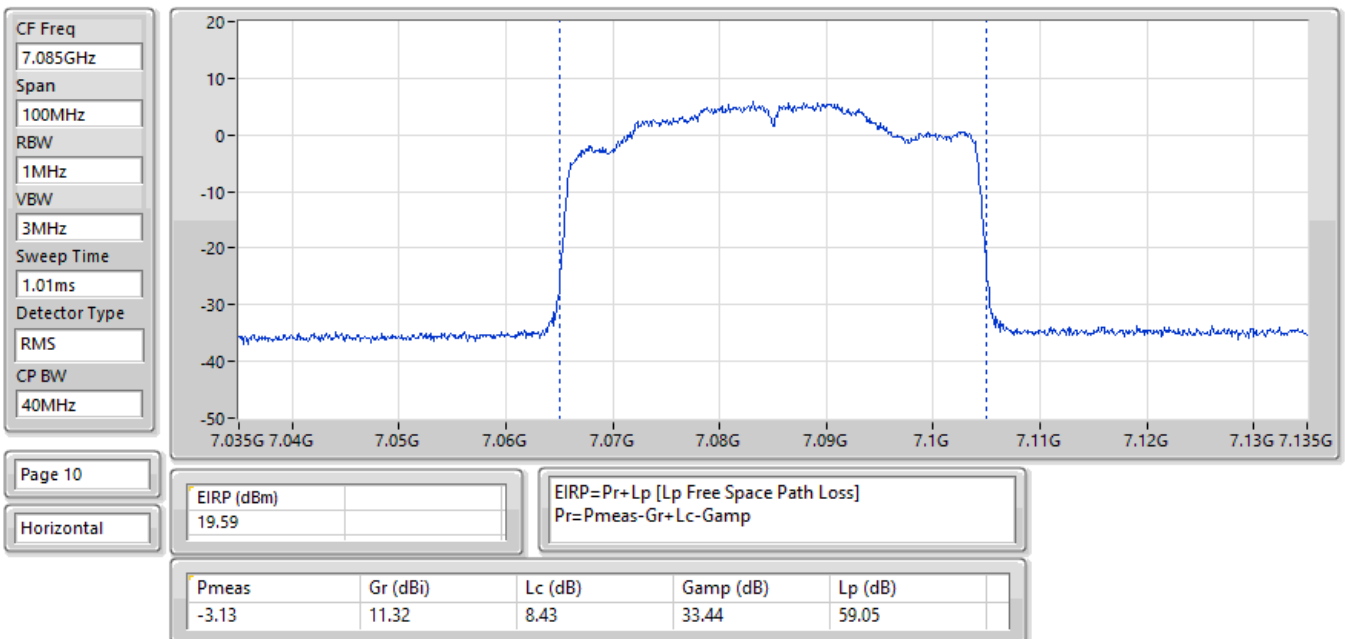
11/11/2025

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



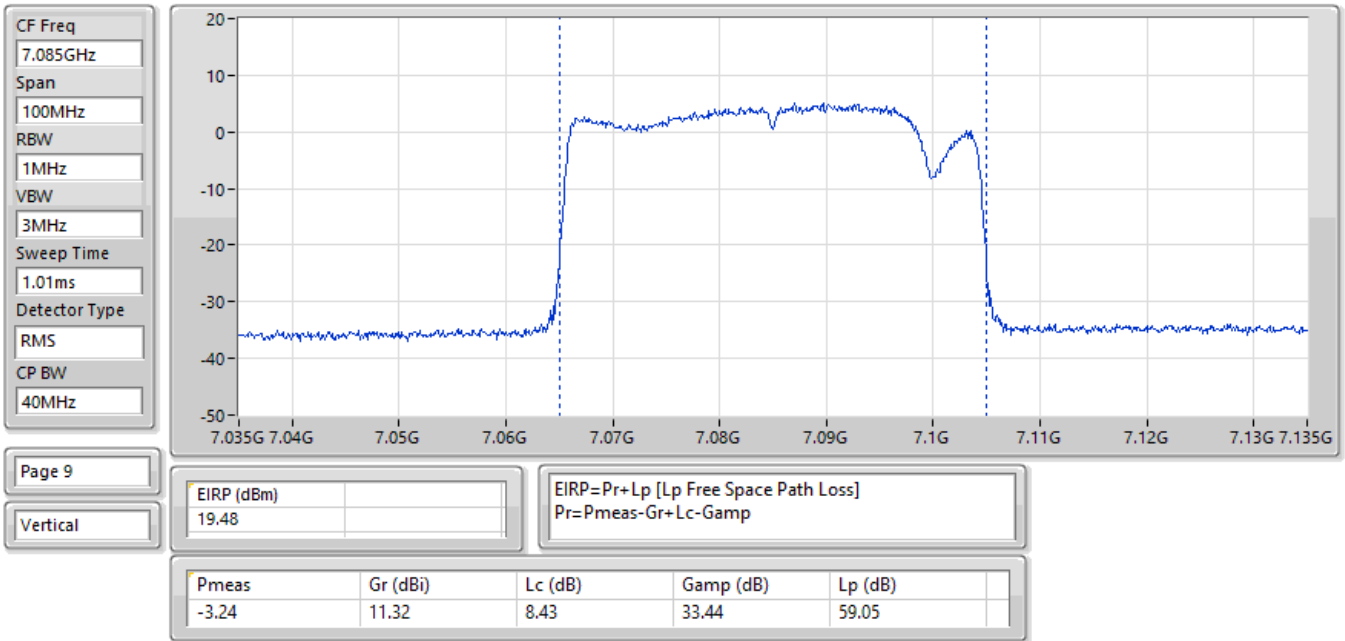
12/11/2025

EIRP:Band:7.0G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:7085MHz;TX



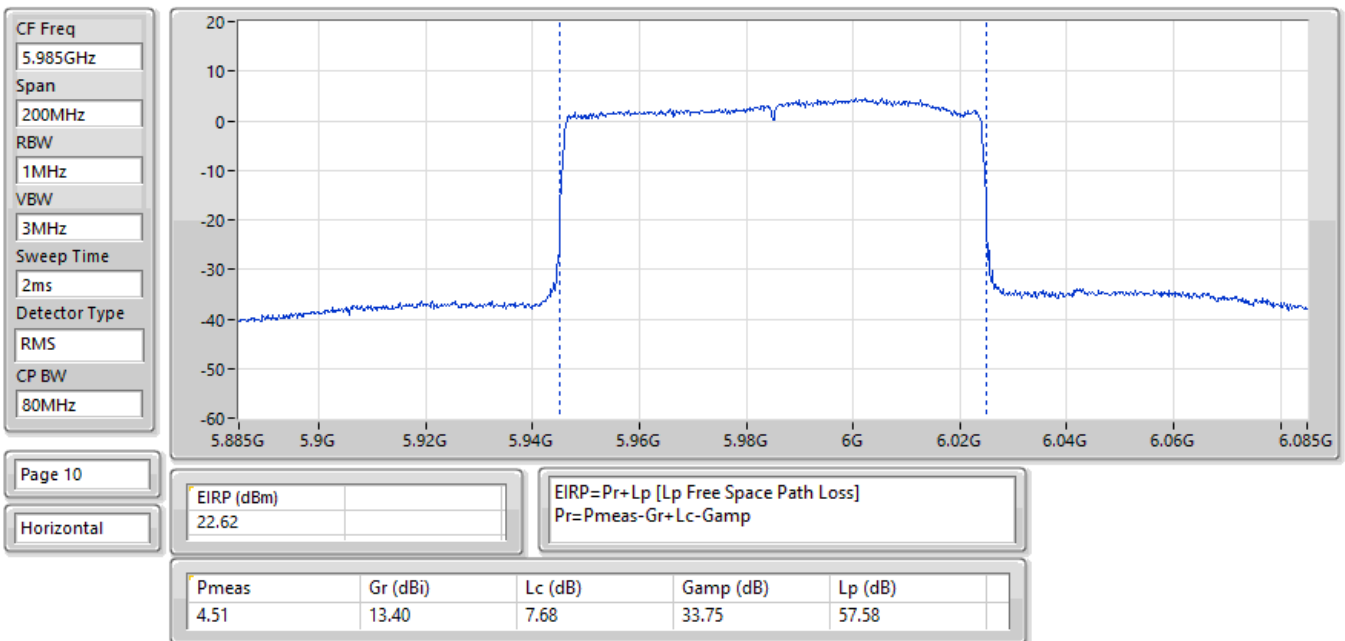
12/11/2025

EIRP:Band:7.0G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:7085MHz;TX



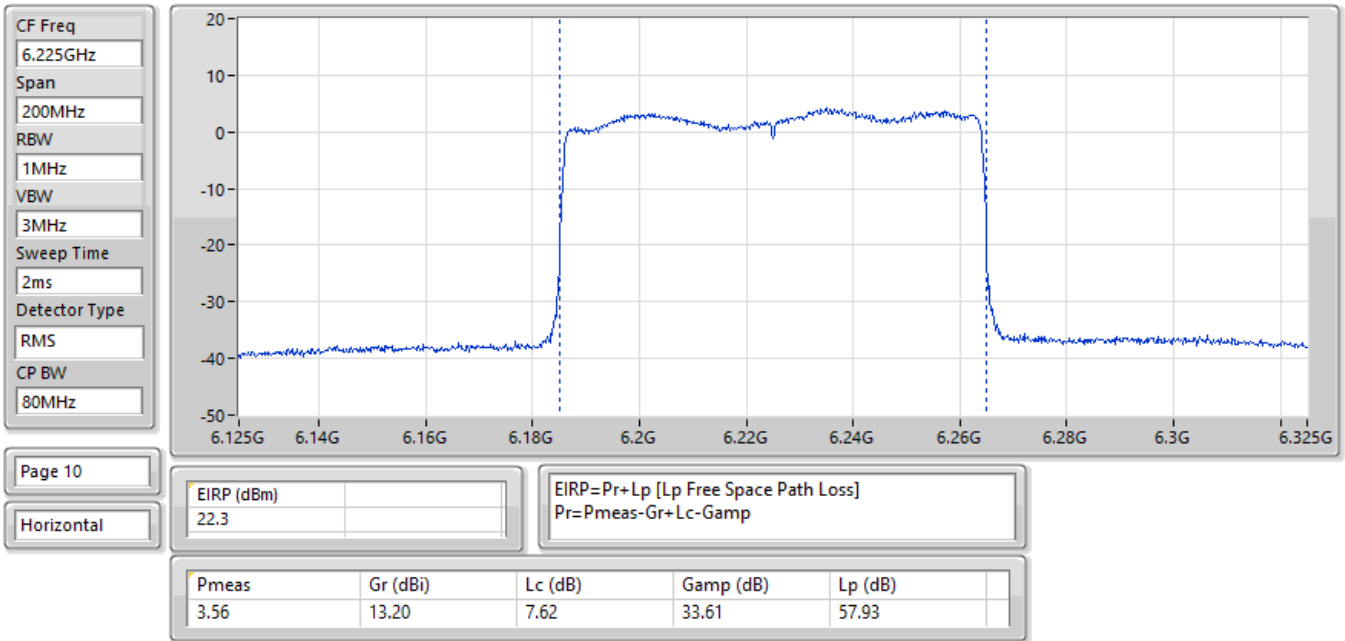
11/11/2025

EIRP:Band:6.2G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:5985MHz;TX



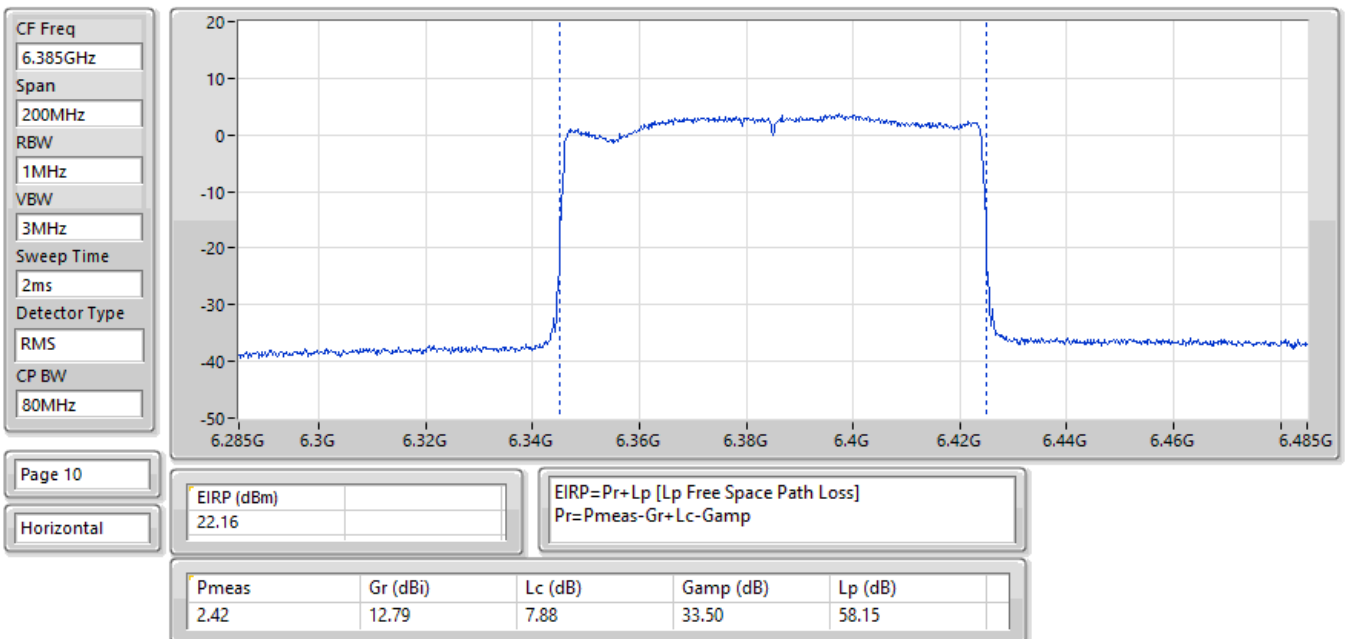
11/11/2025

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



11/11/2025

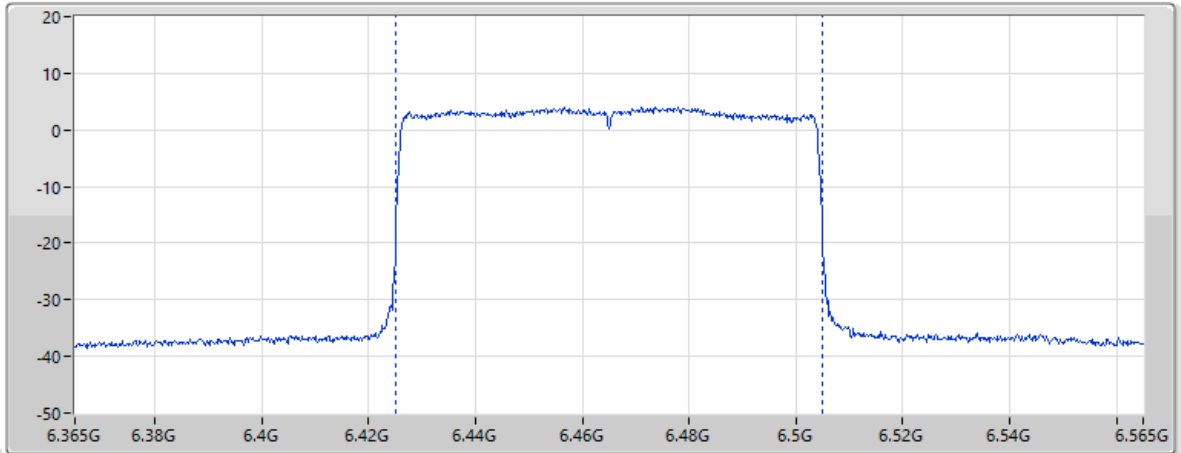
EIRP:Band:6.2G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6385MHz;TX



11/11/2025

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

CF Freq
6.465GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2ms
Detector Type
RMS
CP BW
80MHz



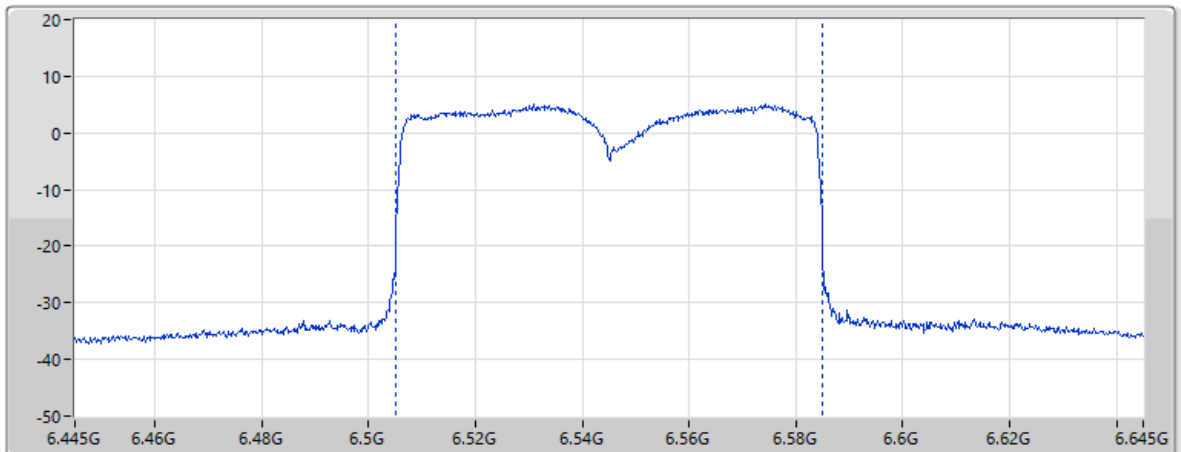
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
22.95				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
2.73	12.47	7.89	33.45	58.25

11/11/2025

EIRP:Band:6.4G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6545MHz;TX

CF Freq
6.545GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2ms
Detector Type
RMS
CP BW
80MHz

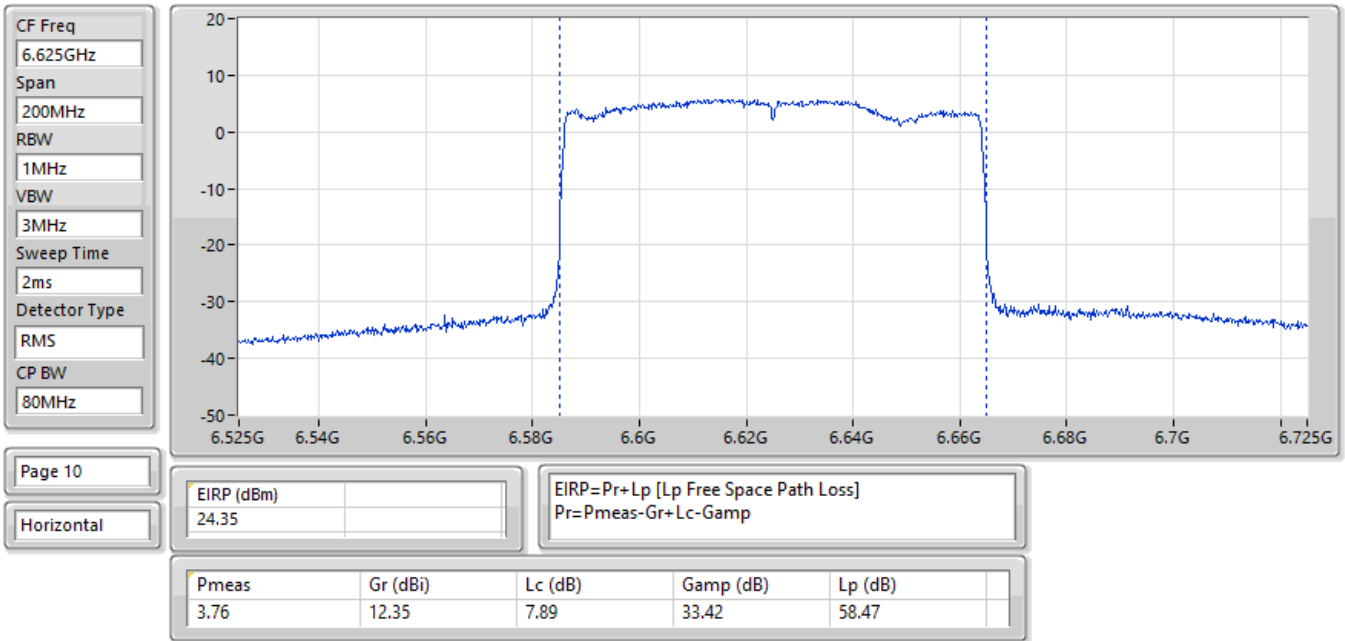


Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
23.14				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
2.65	12.31	7.87	33.43	58.36

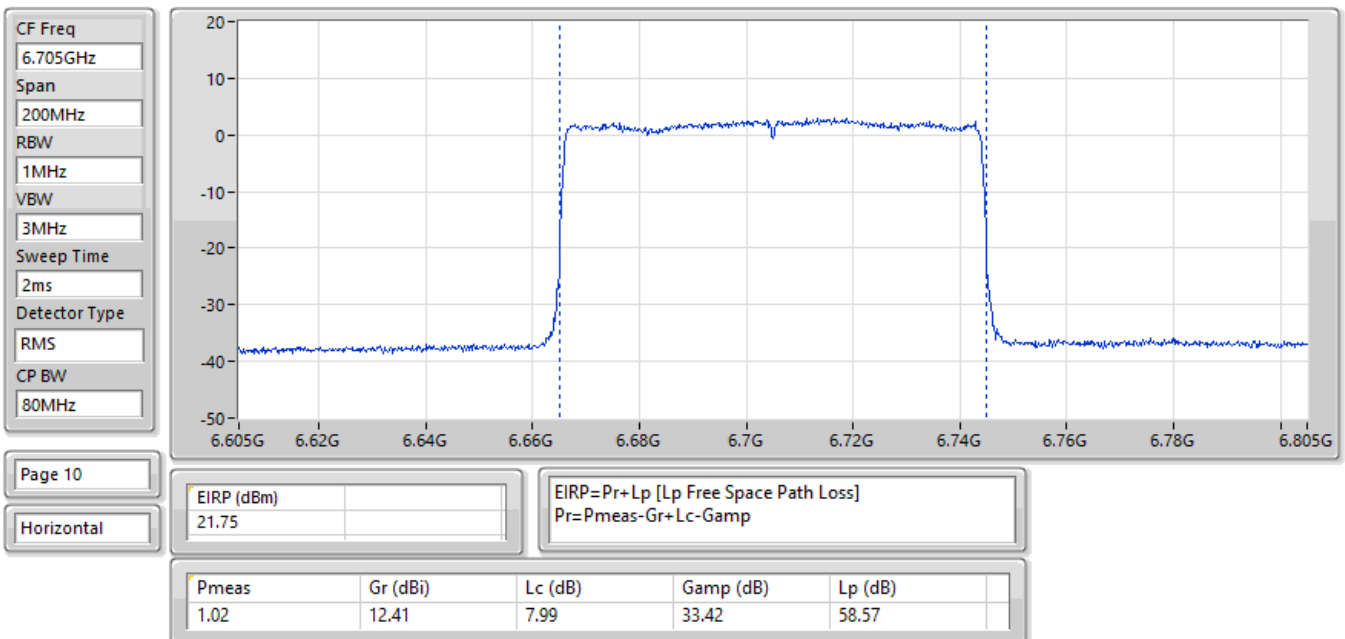
11/11/2025

EIRP:Band:6.7G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6625MHz;TX



11/11/2025

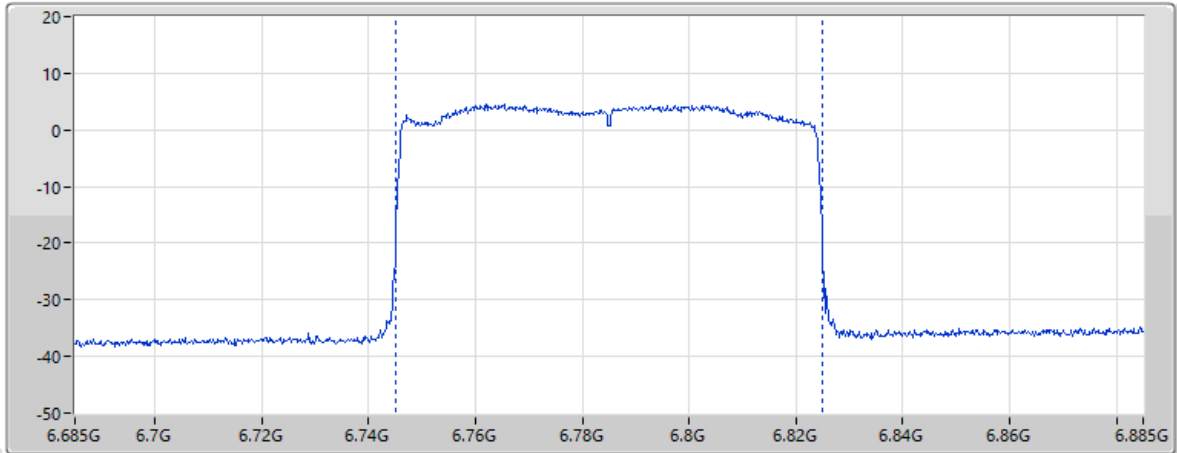
EIRP:Band:6.7G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6705MHz;TX



11/11/2025

EIRP:Band:6.7G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6785MHz;TX

CF Freq
6.785GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2ms
Detector Type
RMS
CP BW
80MHz



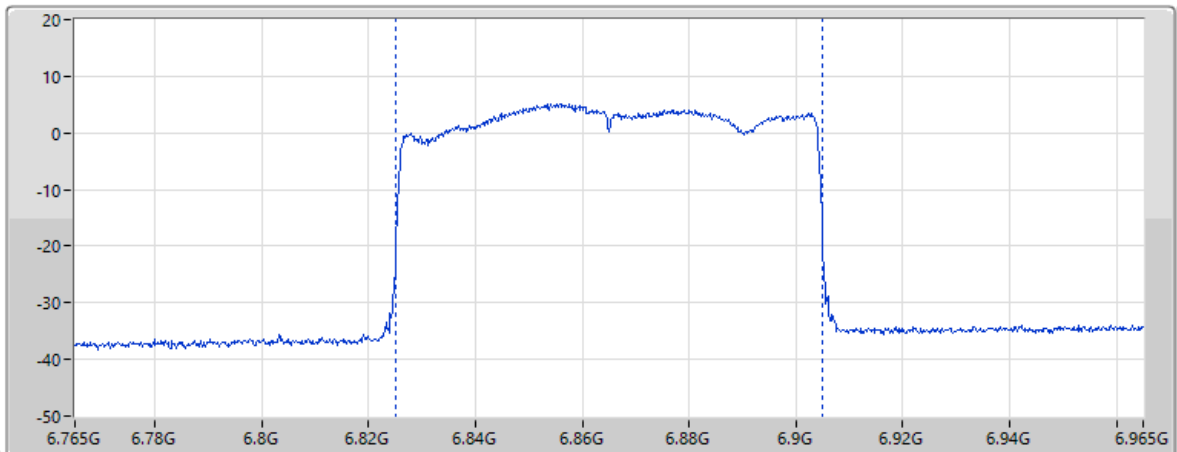
Page 10
Horizontal

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)
2.35	12.50	8.08	33.41	58.67

11/11/2025

EIRP:Band:6.7G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6865MHz;TX

CF Freq
6.865GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2ms
Detector Type
RMS
CP BW
80MHz



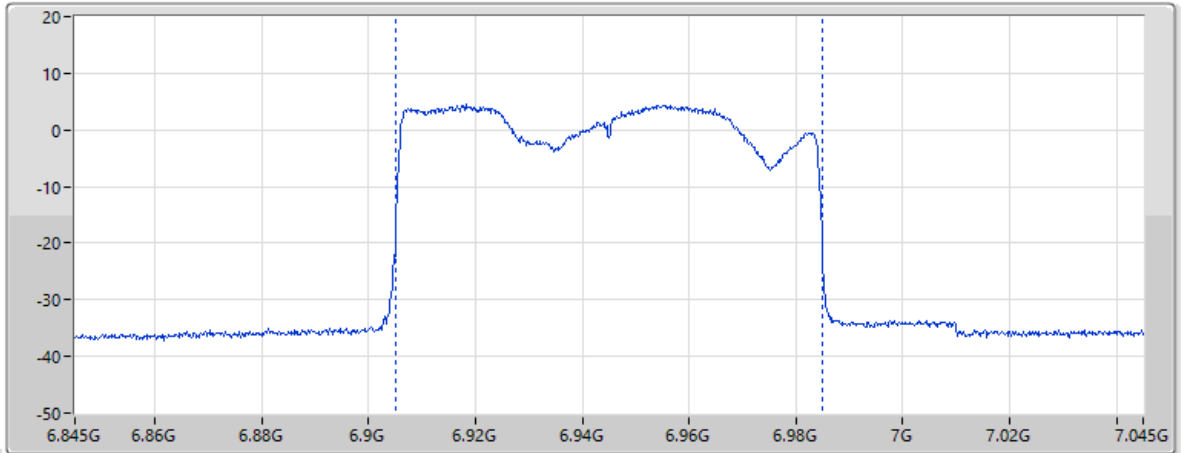
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
22.83				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
1.54	12.28	8.20	33.41	58.78

11/11/2025

EIRP:Band:7.0G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6945MHz;TX

CF Freq
6.945GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2ms
Detector Type
RMS
CP BW
80MHz



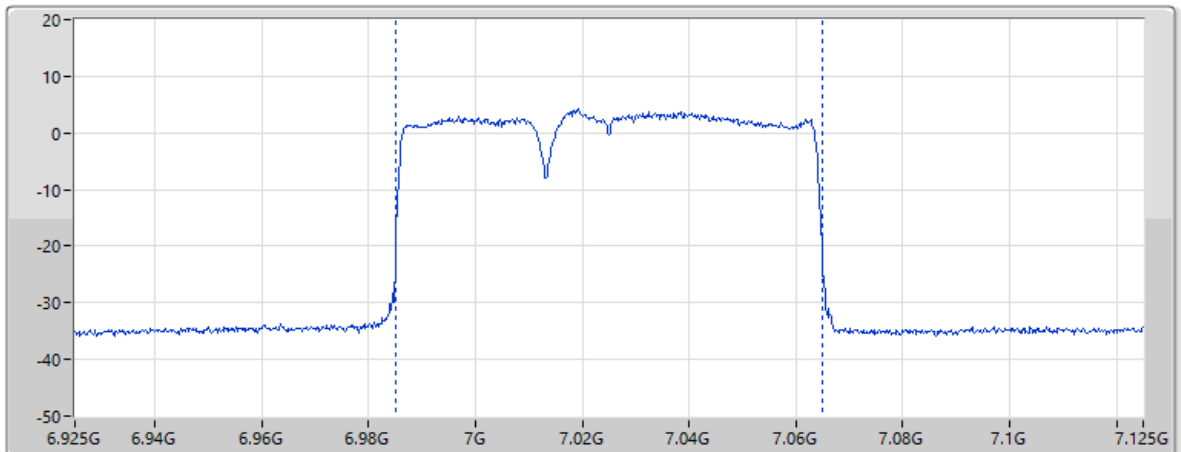
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
21.84				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.06	11.91	8.33	33.40	58.88

11/11/2025

EIRP:Band:7.0G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:7025MHz;TX

CF Freq
7.025GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2ms
Detector Type
RMS
CP BW
80MHz



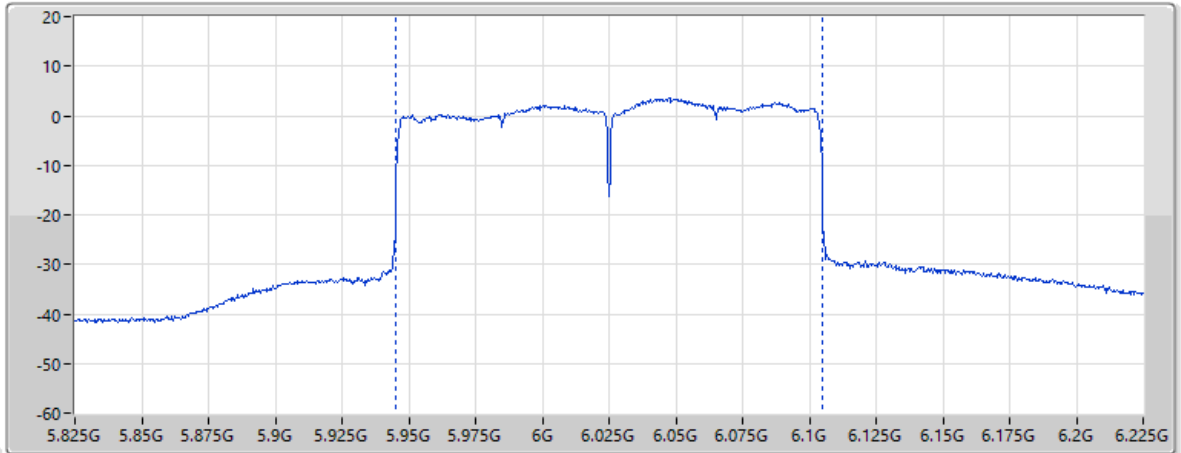
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
22.15				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.14	11.70	8.42	33.41	58.98

11/11/2025

EIRP;Band:6.2G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6025MHz;TX

CF Freq
6.025GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4ms
Detector Type
RMS
CP BW
160MHz



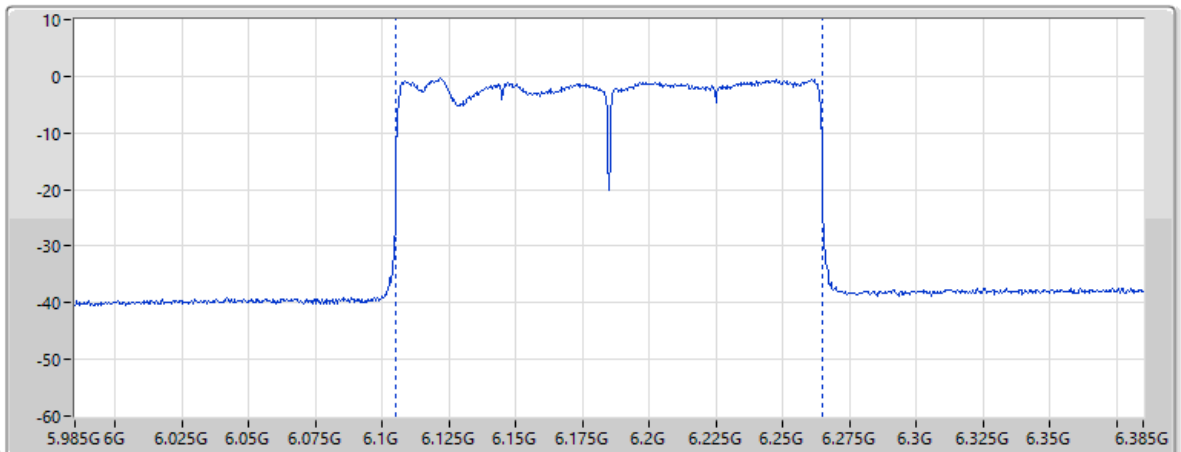
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
24.35				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
6.15	13.40	7.69	33.73	57.64

11/11/2025

EIRP;Band:6.2G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6185MHz;TX

CF Freq
6.185GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4ms
Detector Type
RMS
CP BW
160MHz



Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
21.24				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
2.64	13.23	7.59	33.63	57.87

11/11/2025

EIRP;Band:6.2G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6345MHz;TX

CF Freq
6.345GHz

Span
400MHz

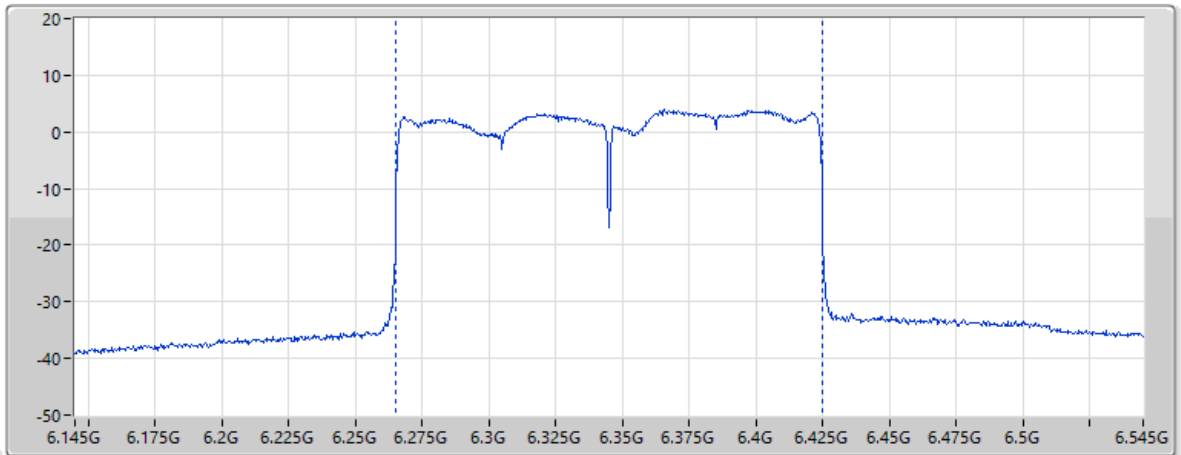
RBW
1MHz

VBW
3MHz

Sweep Time
4ms

Detector Type
RMS

CP BW
160MHz



Page 10

Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
25.25		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
5.89	13.01	7.81	33.53	58.09

12/11/2025

EIRP;Band:6.4G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6505MHz;TX

CF Freq
6.505GHz

Span
400MHz

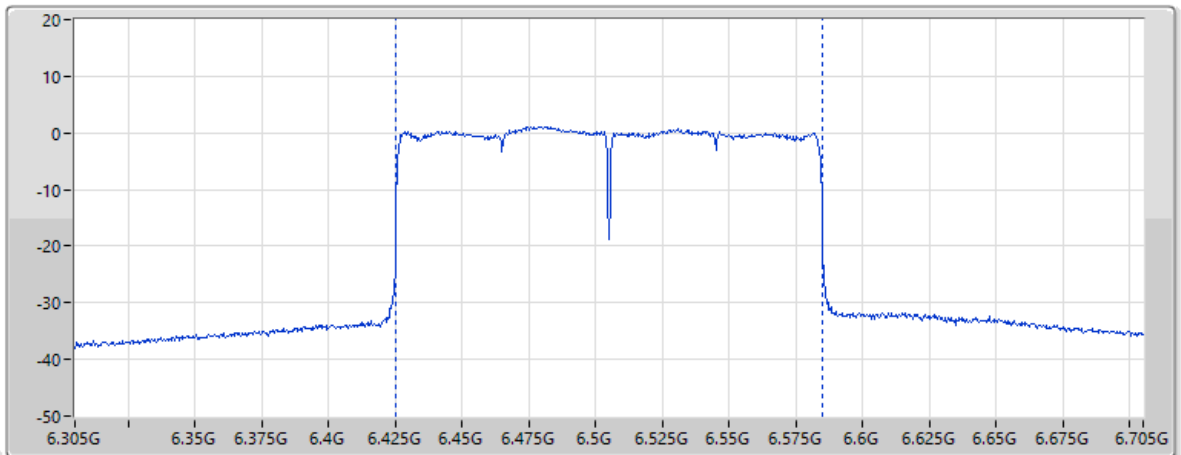
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
160MHz



Page 10

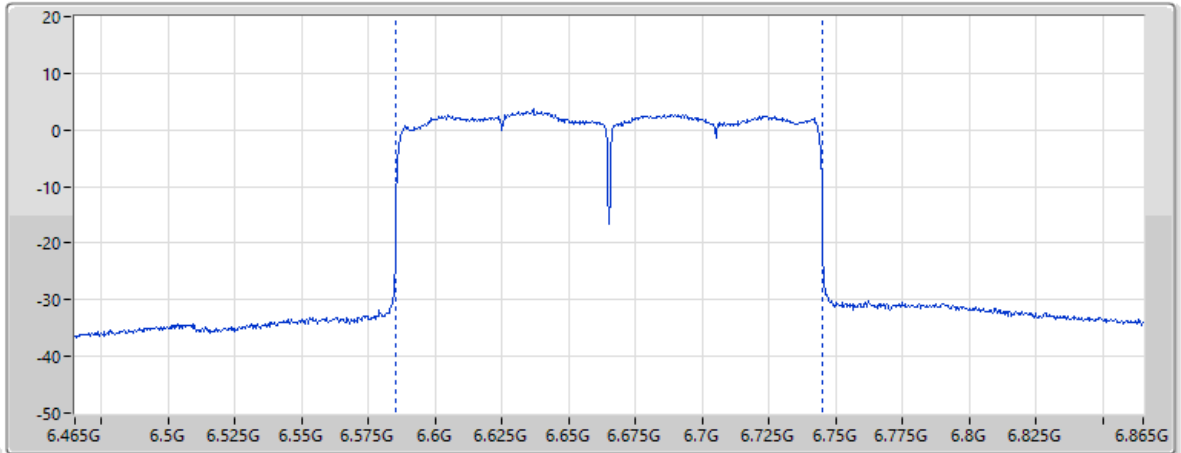
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
22.91		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
2.54	12.39	7.88	33.43	58.31

11/11/2025

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

CF Freq
6.665GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4ms
Detector Type
RMS
CP BW
160MHz



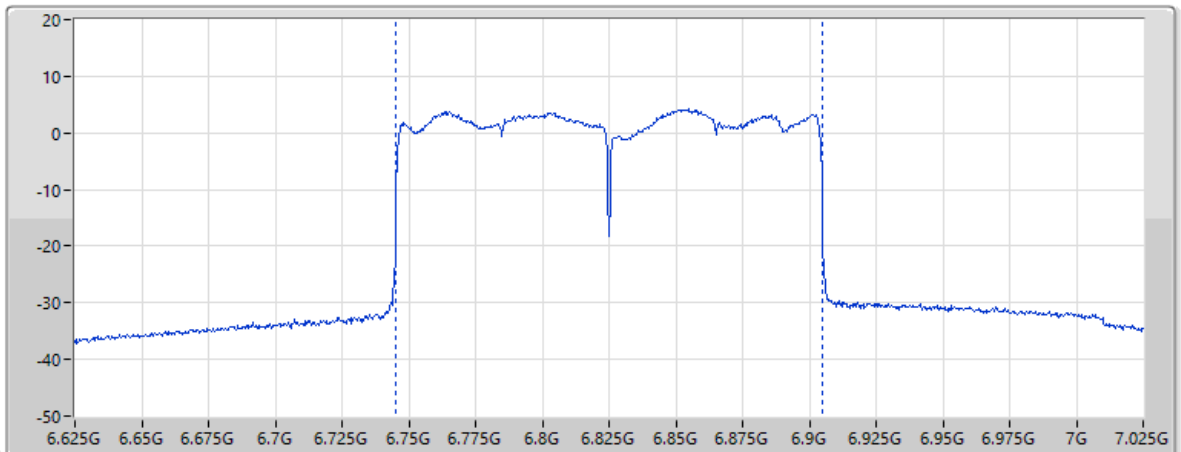
Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
24.9				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
4.26	12.40	7.94	33.42	58.52

11/11/2025

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

CF Freq
6.825GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4ms
Detector Type
RMS
CP BW
160MHz

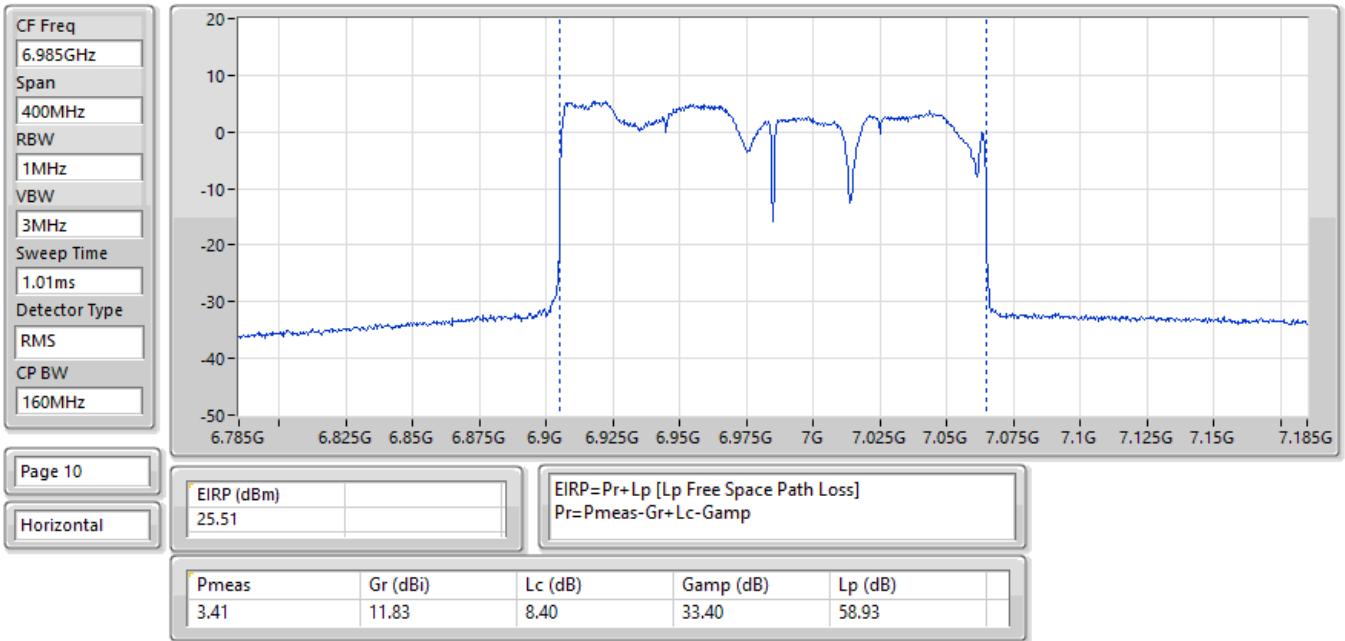


Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
25.18				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
4.18	12.45	8.14	33.41	58.72

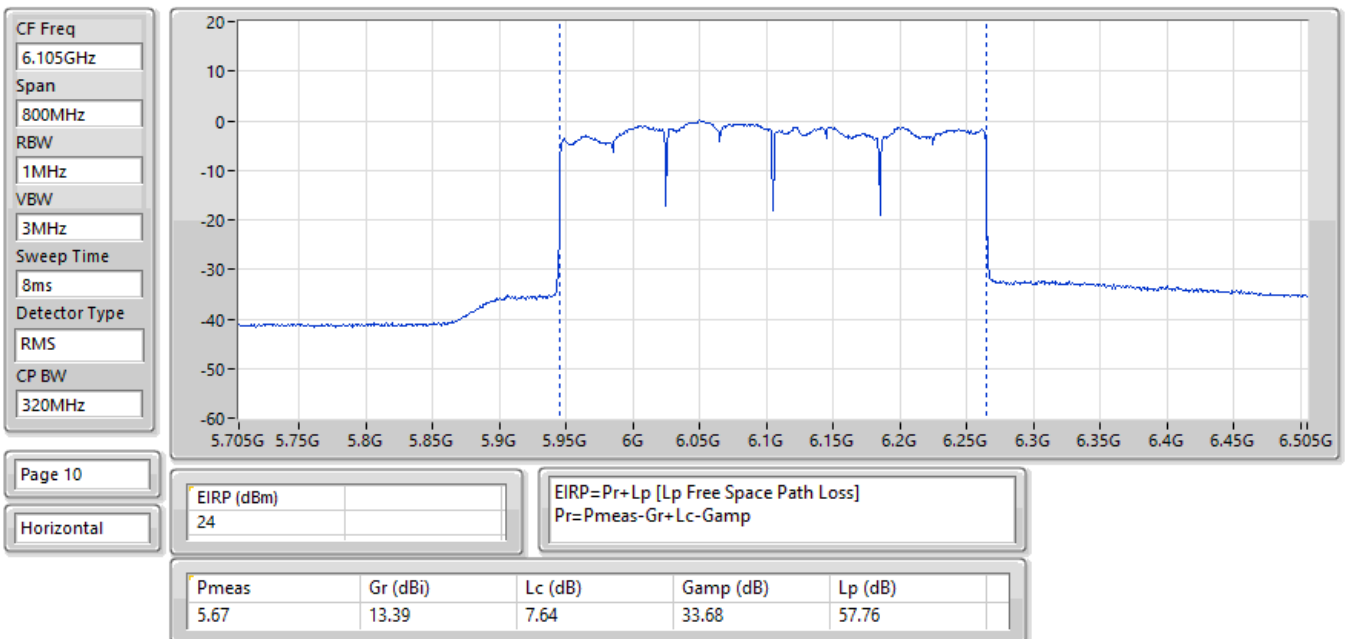
12/11/2025

EIRP;Band:7.0G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6985MHz;TX



11/11/2025

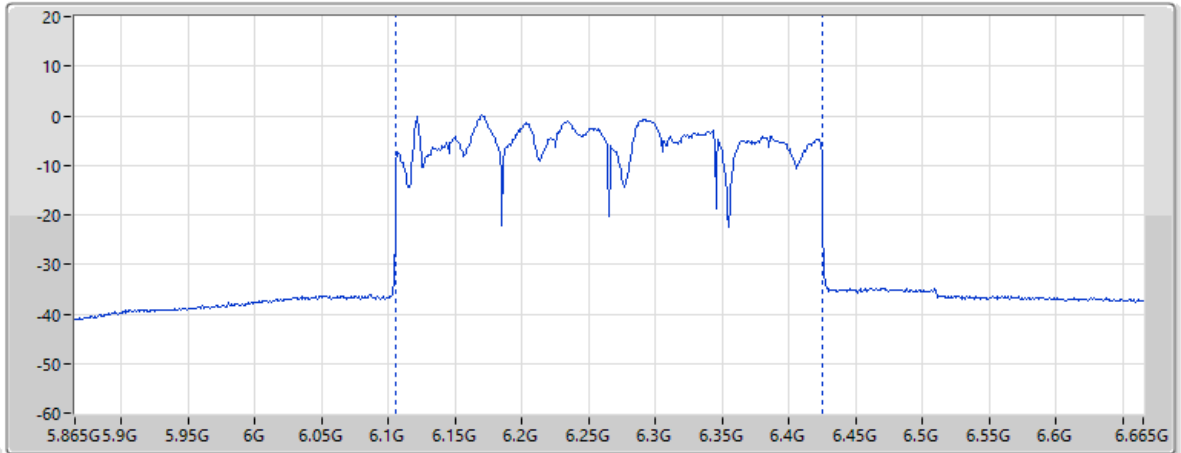
EIRP;Band:6.2G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6105MHz;TX



11/11/2025

EIRP;Band:6.2G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6265MHz;TX

CF Freq
6.265GHz
Span
800MHz
RBW
1MHz
VBW
3MHz
Sweep Time
8ms
Detector Type
RMS
CP BW
320MHz



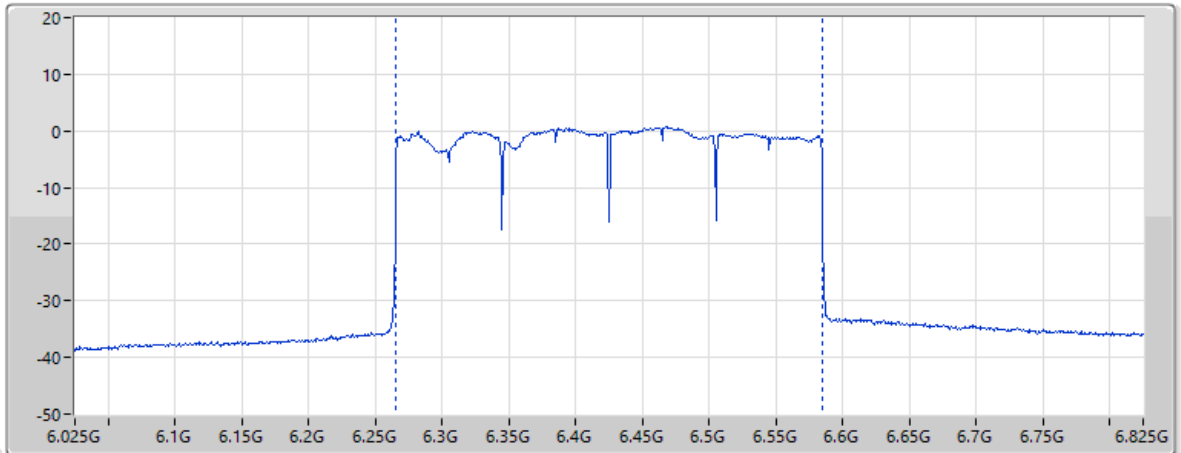
Page 9
Vertical

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
21.59				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
2.68	13.17	7.68	33.58	57.98

11/11/2025

EIRP;Band:6.2G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6425MHz;TX

CF Freq
6.425GHz
Span
800MHz
RBW
1MHz
VBW
3MHz
Sweep Time
8ms
Detector Type
RMS
CP BW
320MHz

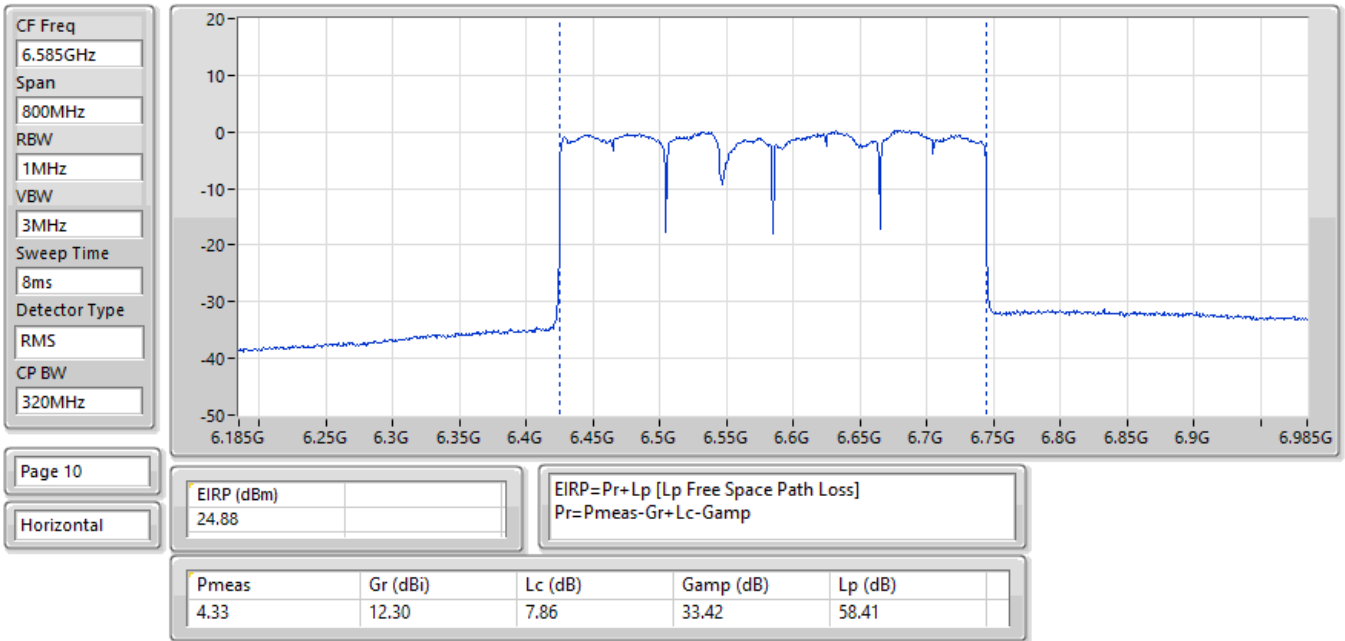


Page 10
Horizontal

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
25.31				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
5.29	12.60	7.90	33.48	58.20

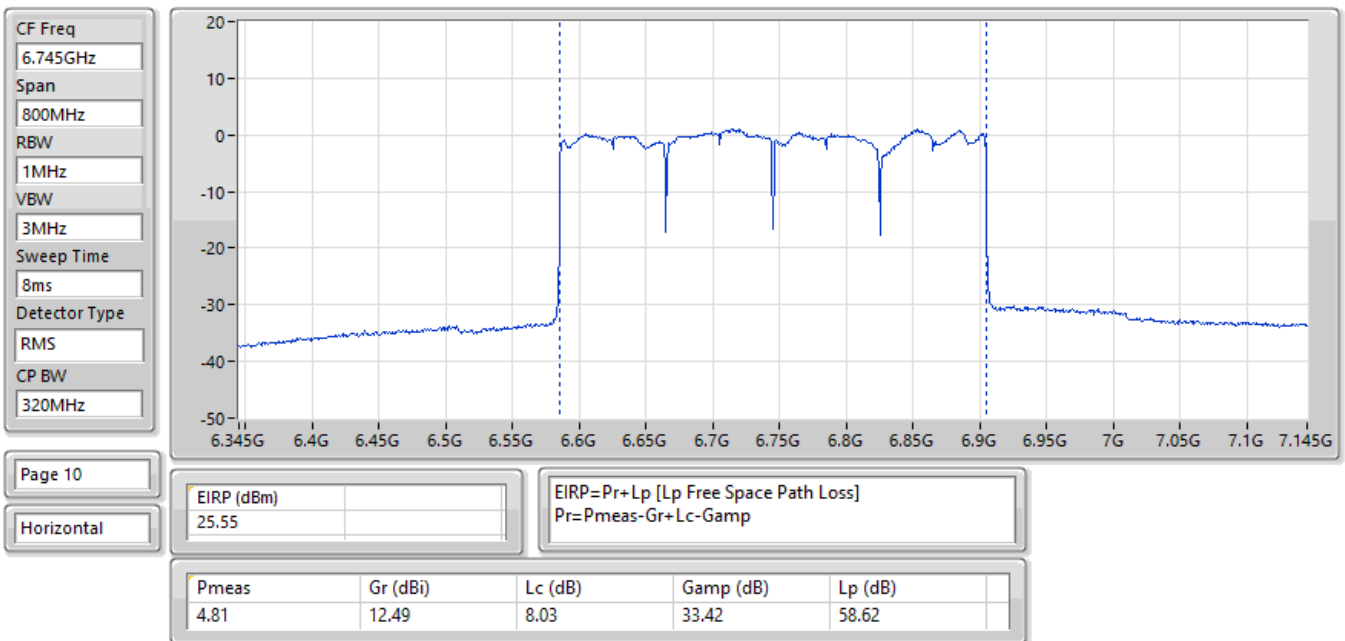
11/11/2025

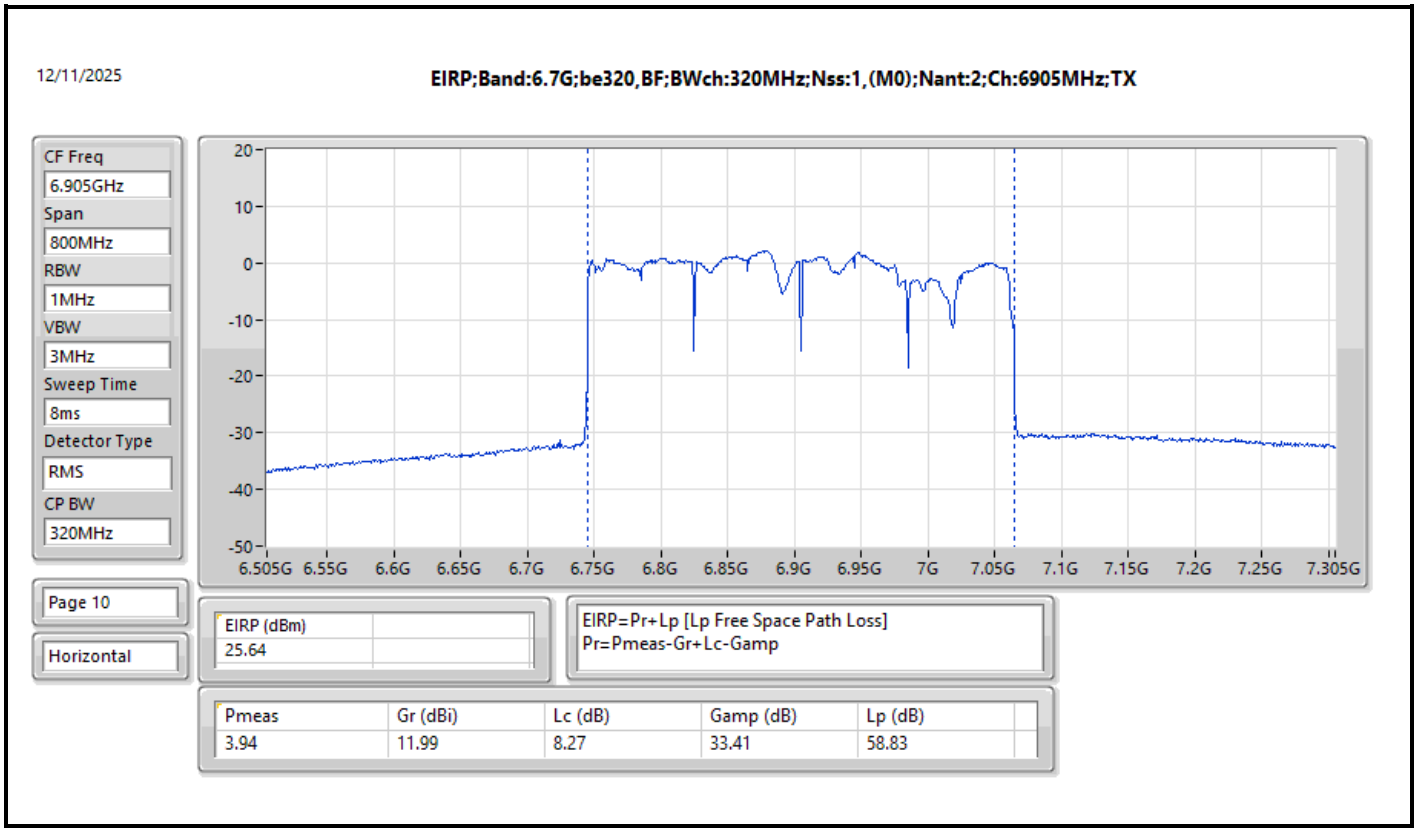
EIRP;Band:6.4G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6585MHz;TX



11/11/2025

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





Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	14.41	0.02761	17.37	0.05458
6.425-6.525GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	13.51	0.02244	17.64	0.05808
6.525-6.875GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.21	0.03319	17.42	0.05521
6.875-7.125GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	13.55	0.02265	17.62	0.05781

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5955MHz	Pass	2.96	14.41	14.41	17.37	30.00
6195MHz	Pass	2.96	14.36	14.36	17.32	30.00
6415MHz	Pass	2.96	14.28	14.28	17.24	30.00
6435MHz	Pass	4.13	13.34	13.34	17.47	30.00
6475MHz	Pass	4.13	13.51	13.51	17.64	30.00
6515MHz	Pass	4.13	13.43	13.43	17.56	30.00
6535MHz	Pass	2.21	15.18	15.18	17.39	30.00
6695MHz	Pass	2.21	15.16	15.16	17.37	30.00
6875MHz	Pass	2.21	15.21	15.21	17.42	30.00
6895MHz	Pass	4.07	13.37	13.37	17.44	30.00
6995MHz	Pass	4.07	13.42	13.42	17.49	30.00
7095MHz	Pass	4.07	13.55	13.55	17.62	30.00

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

Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	4.99
802.11be EHT40_Nss1,(MCS0)_2TX	4.94
802.11be EHT80_Nss1,(MCS0)_2TX	4.94
802.11be EHT160_Nss1,(MCS0)_2TX	3.57
802.11be EHT320_Nss1,(MCS0)_2TX	2.82
6.425-6.525GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	4.96
802.11be EHT40_Nss1,(MCS0)_2TX	4.99
802.11be EHT80_Nss1,(MCS0)_2TX	4.95
802.11be EHT160_Nss1,(MCS0)_2TX	2.22
802.11be EHT320_Nss1,(MCS0)_2TX	1.92
6.525-6.875GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	4.93
802.11be EHT40_Nss1,(MCS0)_2TX	4.94
802.11be EHT80_Nss1,(MCS0)_2TX	4.93
802.11be EHT160_Nss1,(MCS0)_2TX	3.65
802.11be EHT320_Nss1,(MCS0)_2TX	0.62
6.875-7.125GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	4.99
802.11be EHT40_Nss1,(MCS0)_2TX	4.99
802.11be EHT80_Nss1,(MCS0)_2TX	4.96
802.11be EHT160_Nss1,(MCS0)_2TX	1.76

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

**Result**

Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	4.99	5.00
6195MHz	Pass	4.82	5.00
6415MHz	Pass	4.83	5.00
6435MHz	Pass	4.90	5.00
6475MHz	Pass	4.96	5.00
6515MHz	Pass	4.76	5.00
6535MHz	Pass	4.88	5.00
6695MHz	Pass	4.93	5.00
6875MHz	Pass	4.93	5.00
6895MHz	Pass	4.85	5.00
6995MHz	Pass	4.96	5.00
7095MHz	Pass	4.99	5.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	4.94	5.00
6205MHz	Pass	4.85	5.00
6405MHz	Pass	4.77	5.00
6445MHz	Pass	4.86	5.00
6485MHz	Pass	4.99	5.00
6525MHz	Pass	4.88	5.00
6565MHz	Pass	4.94	5.00
6685MHz	Pass	4.91	5.00
6885MHz	Pass	4.81	5.00
6925MHz	Pass	4.96	5.00
7005MHz	Pass	4.99	5.00
7085MHz	Pass	4.79	5.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	4.91	5.00
6225MHz	Pass	4.79	5.00
6385MHz	Pass	4.94	5.00
6465MHz	Pass	4.88	5.00
6545MHz	Pass	4.95	5.00
6625MHz	Pass	4.88	5.00
6705MHz	Pass	4.93	5.00
6785MHz	Pass	4.73	5.00
6865MHz	Pass	4.89	5.00
6945MHz	Pass	4.80	5.00
7025MHz	Pass	4.96	5.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	3.57	5.00
6185MHz	Pass	2.76	5.00
6345MHz	Pass	2.14	5.00
6505MHz	Pass	2.22	5.00
6665MHz	Pass	3.65	5.00
6825MHz	Pass	1.82	5.00
6985MHz	Pass	1.76	5.00
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-
6105MHz	Pass	2.82	5.00
6265MHz	Pass	-1.55	5.00
6425MHz	Pass	0.94	5.00
6585MHz	Pass	1.92	5.00
6745MHz	Pass	0.62	5.00
6905MHz	Pass	0.22	5.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

22/10/2025

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

CF Freq
5.955GHz

Span
30MHz

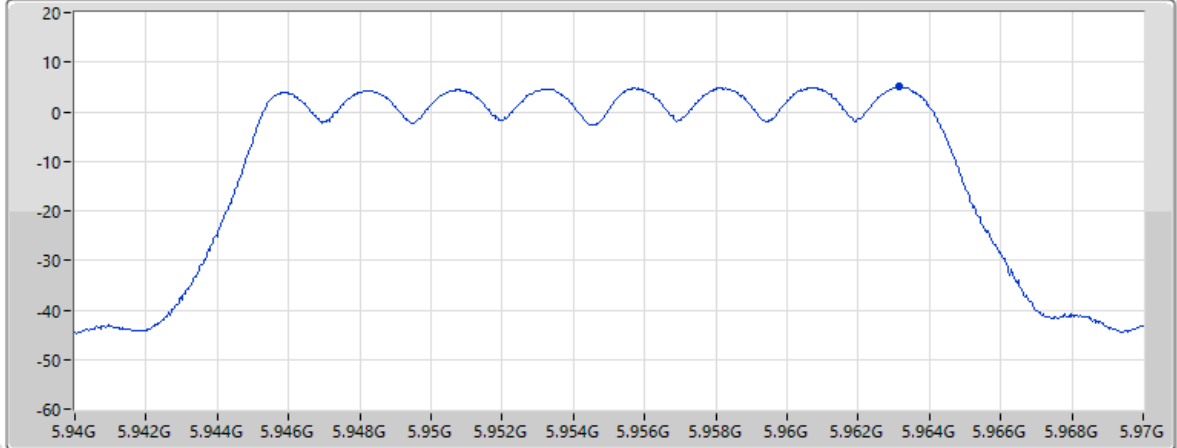
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
20MHz



Page 8

Horizontal

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
4.99		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-5.02	13.40	9.10	43.24	57.55

19/11/2025

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

CF Freq
6.195GHz

Span
30MHz

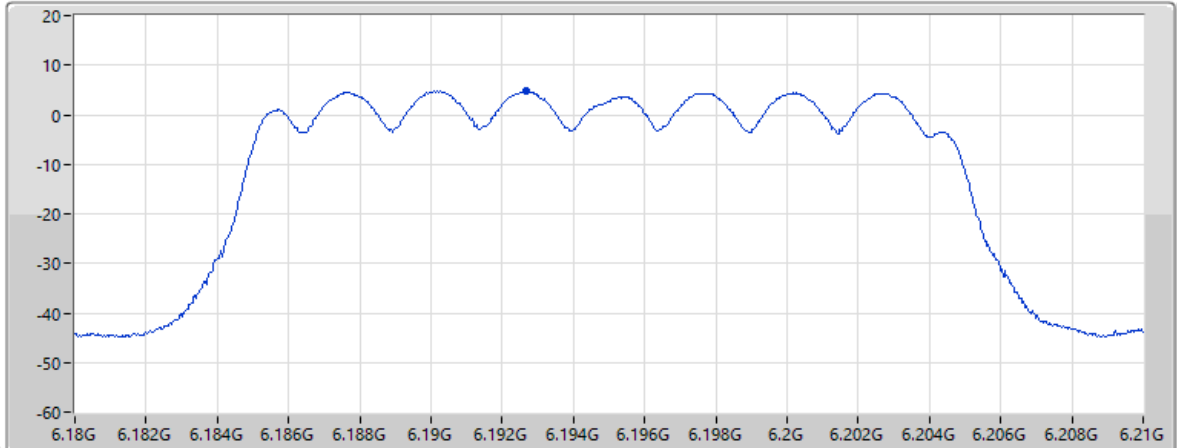
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
20MHz



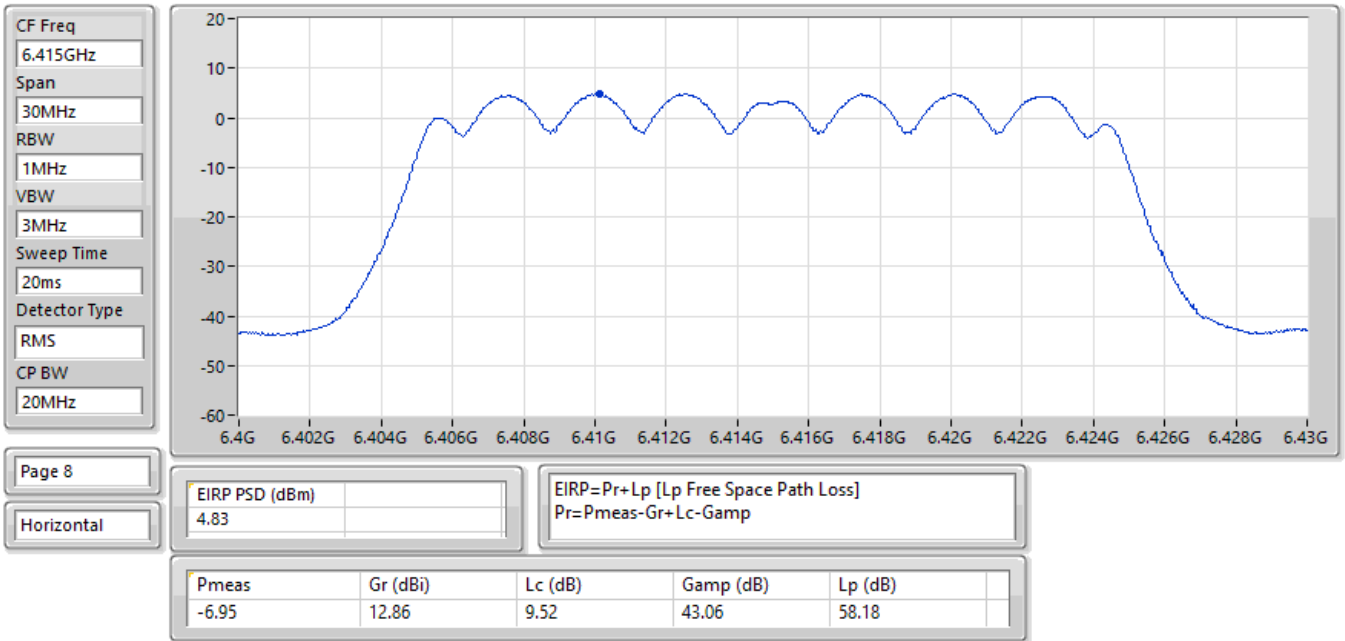
Page 8

Horizontal

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
4.82		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-5.89	13.31	9.27	43.13	57.88

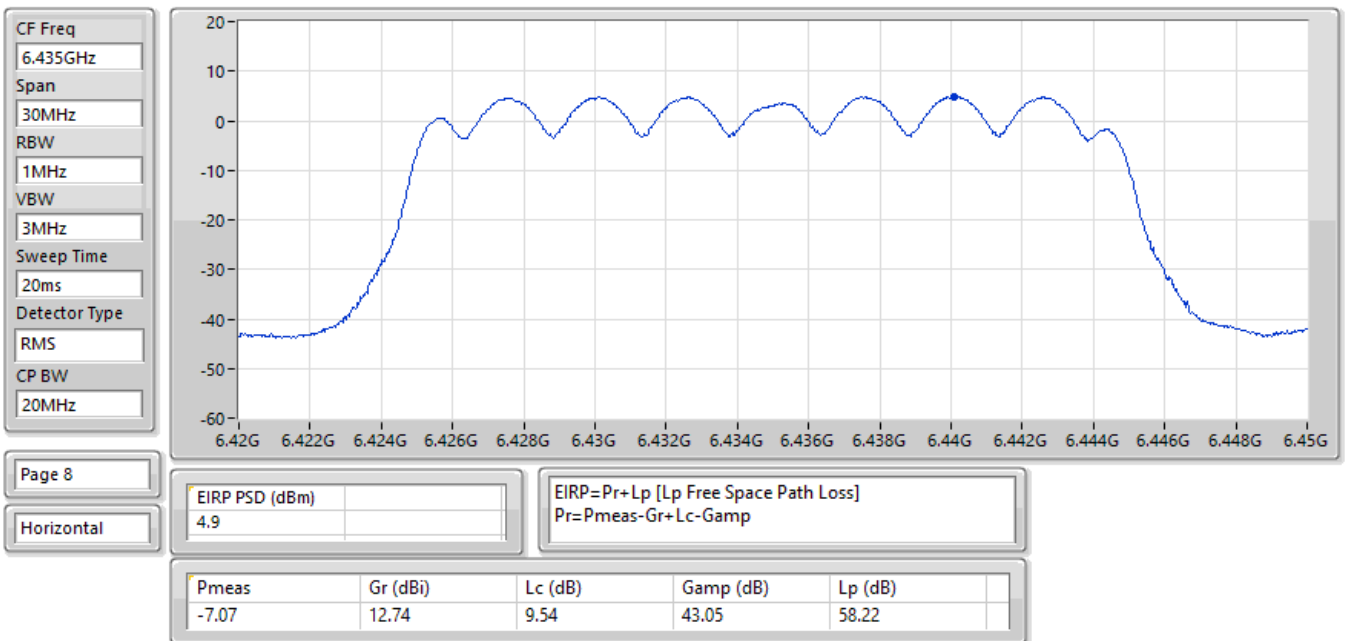
22/10/2025

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



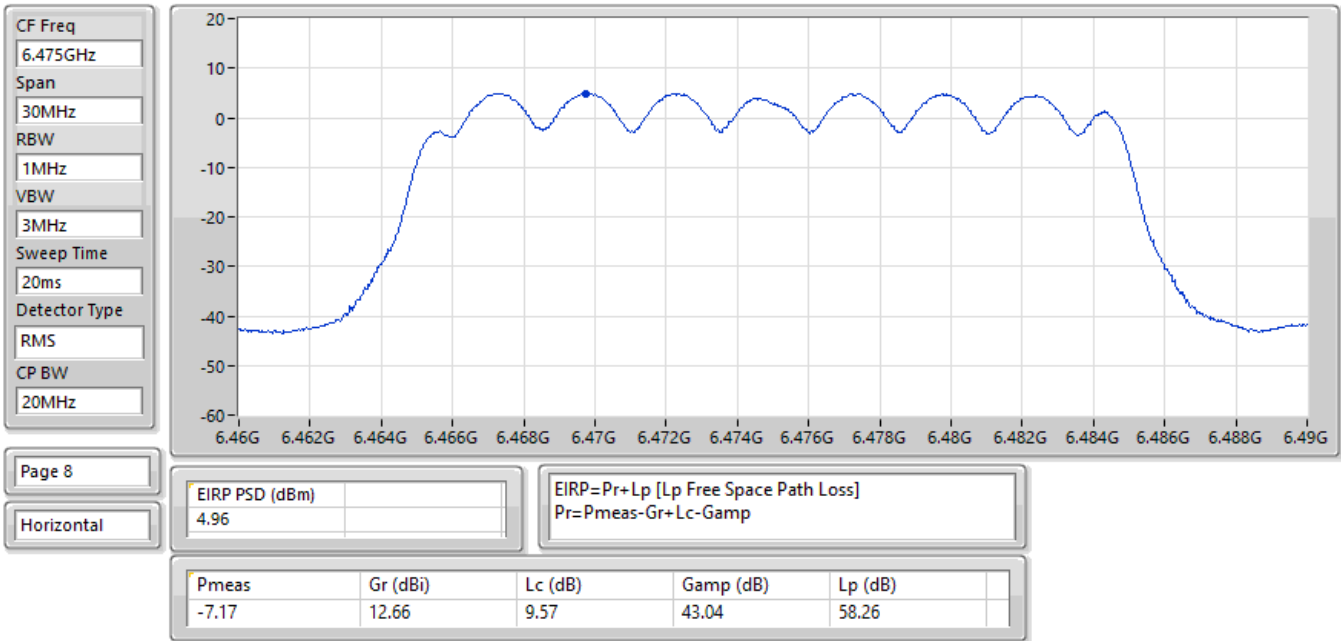
19/11/2025

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



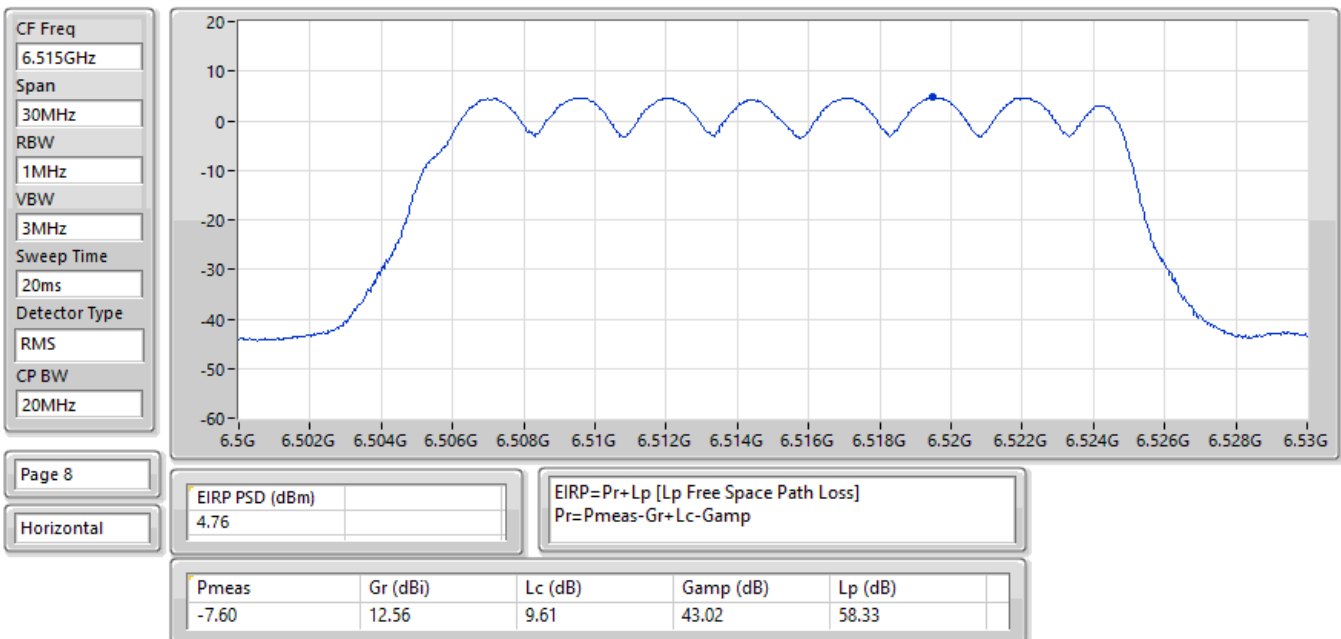
19/11/2025

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



19/11/2025

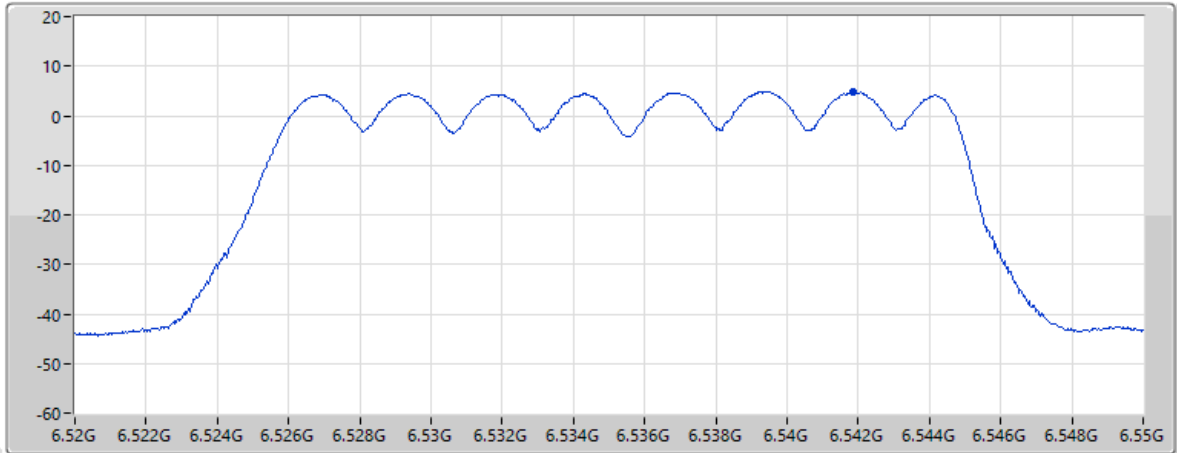
EIRP PSD;Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6515MHz;TX



19/11/2025

EIRP PSD;Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6535MHz;TX

CF Freq
6.535GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



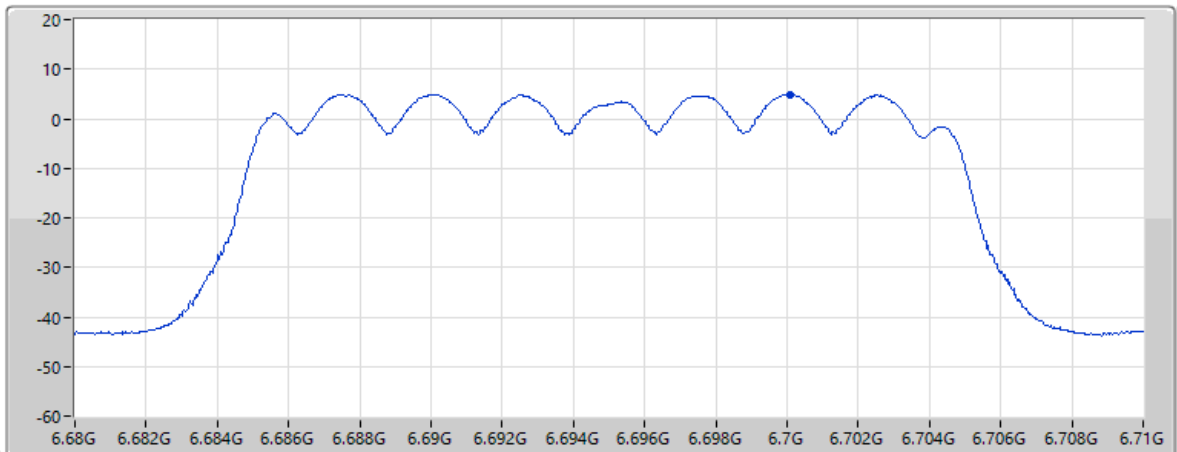
Page 8
Horizontal

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
4.88				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-7.58	12.52	9.63	43.01	58.36

19/11/2025

EIRP PSD;Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6695MHz;TX

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



Page 8
Horizontal

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
4.93				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-7.86	12.60	9.74	42.91	58.56

19/11/2025

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

CF Freq
6.875GHz

Span
30MHz

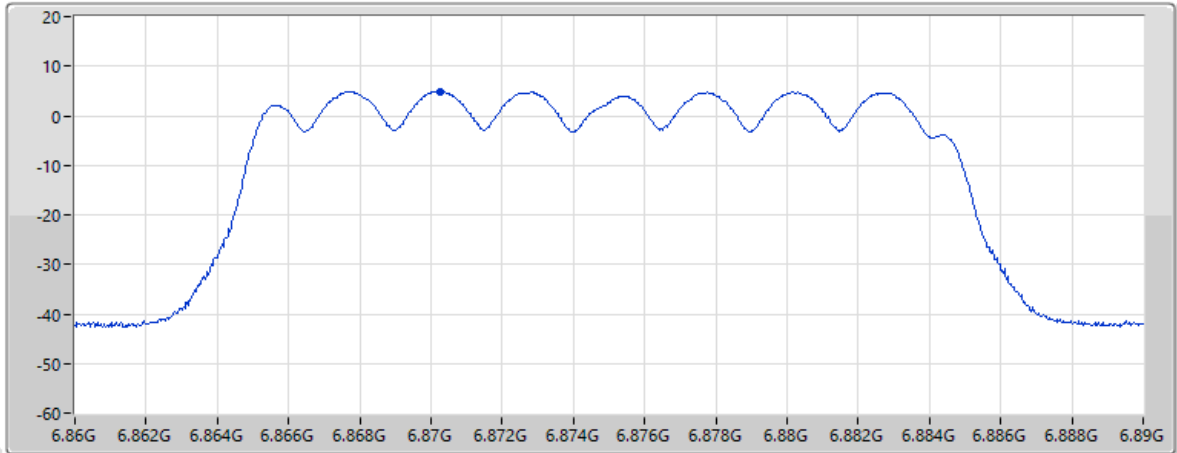
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
20MHz



Page 8

Horizontal

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
4.93		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-8.32	12.58	9.87	42.82	58.78

19/11/2025

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

CF Freq
6.895GHz

Span
30MHz

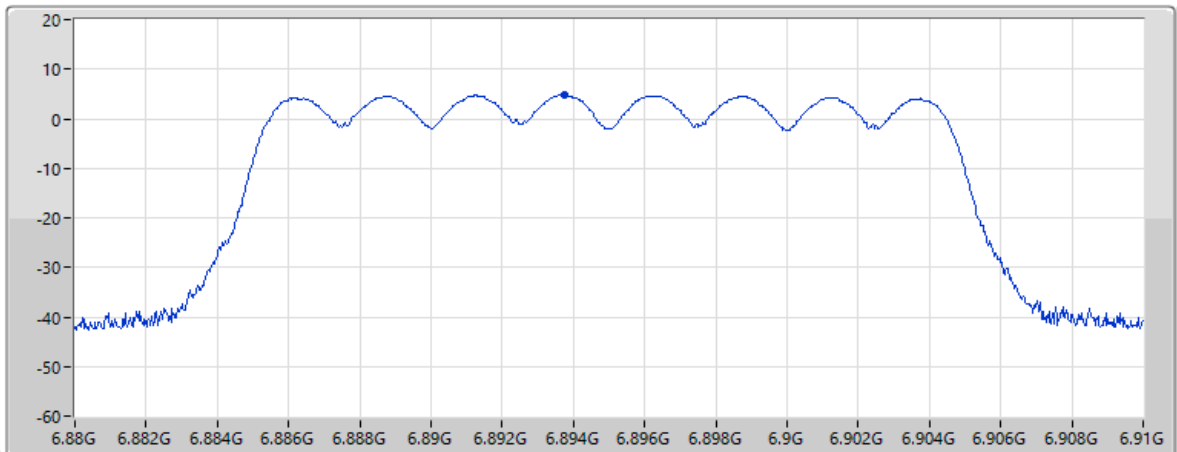
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
20MHz



Page 8

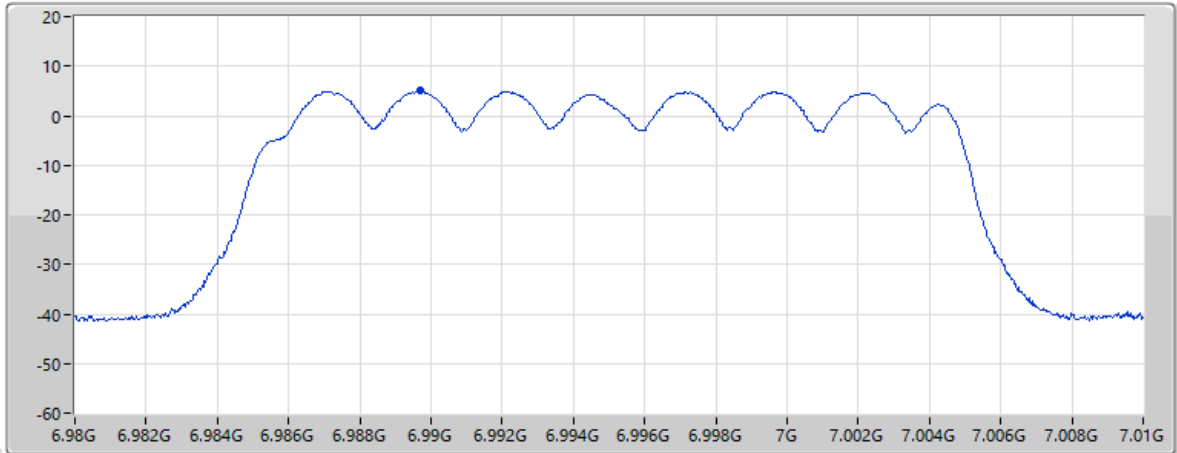
Horizontal

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
4.85		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-8.62	12.44	9.90	42.80	58.81

19/11/2025

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

CF Freq
6.995GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



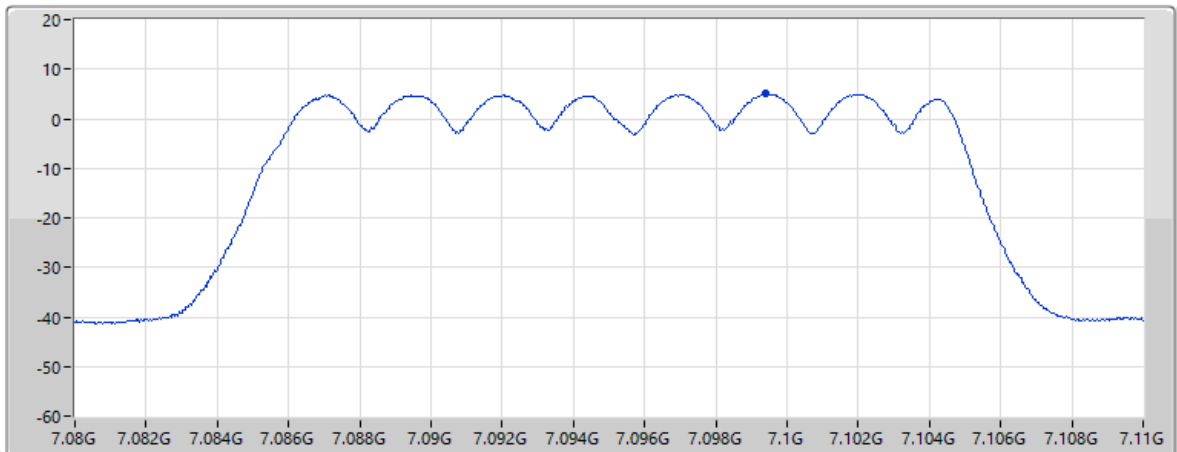
Page 8
Horizontal

EIRP PSD (dBm)	4.96	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-9.10	12.12	10.00	42.75	58.93

22/10/2025

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

CF Freq
7.095GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz

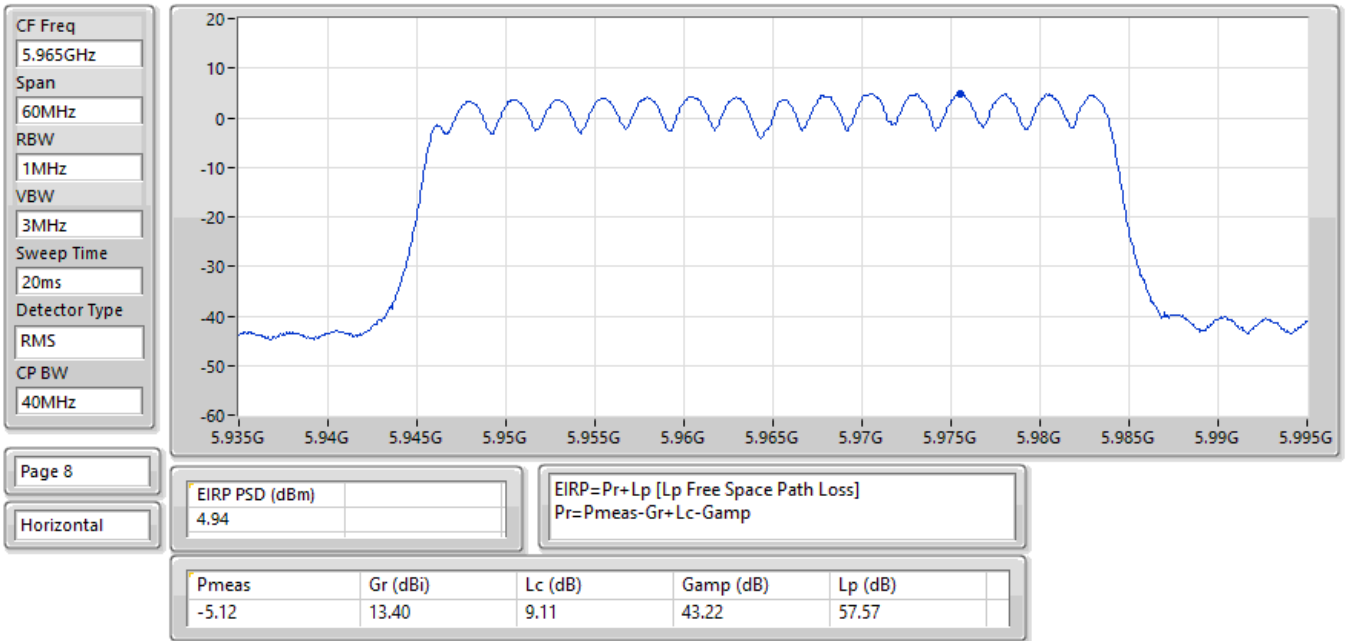


Page 8
Horizontal

EIRP PSD (dBm)	4.99	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-10.04	11.50	10.14	42.68	59.07

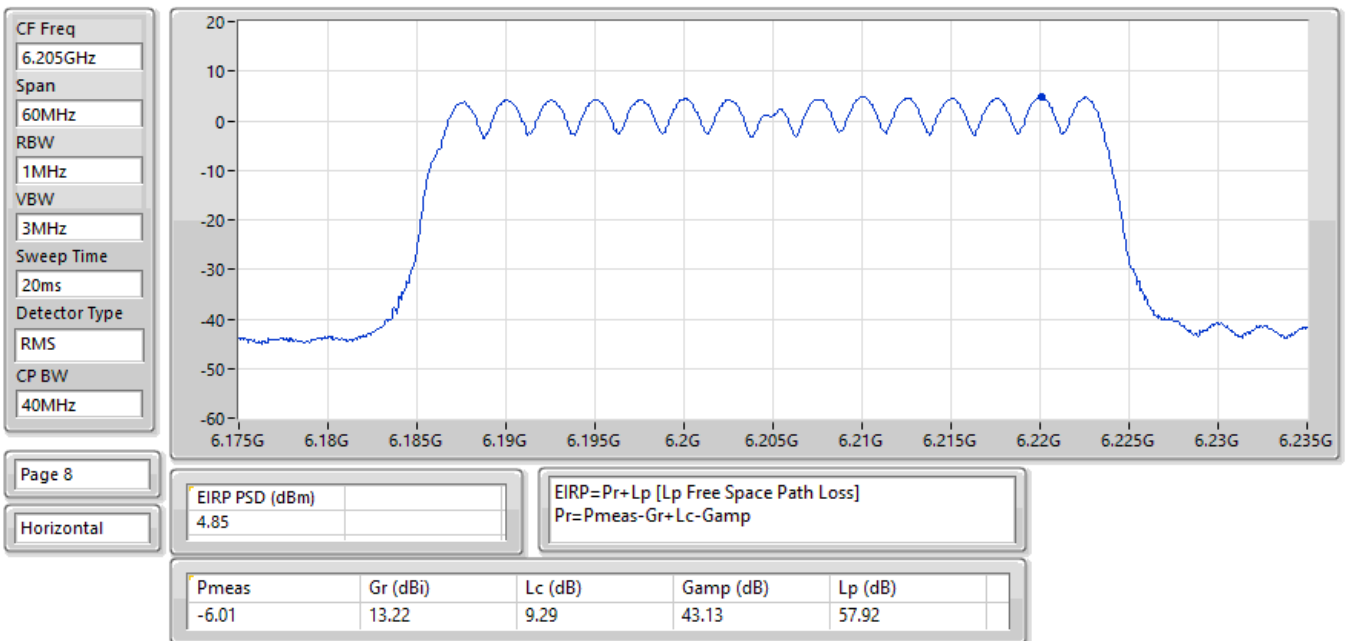
22/10/2025

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



20/11/2025

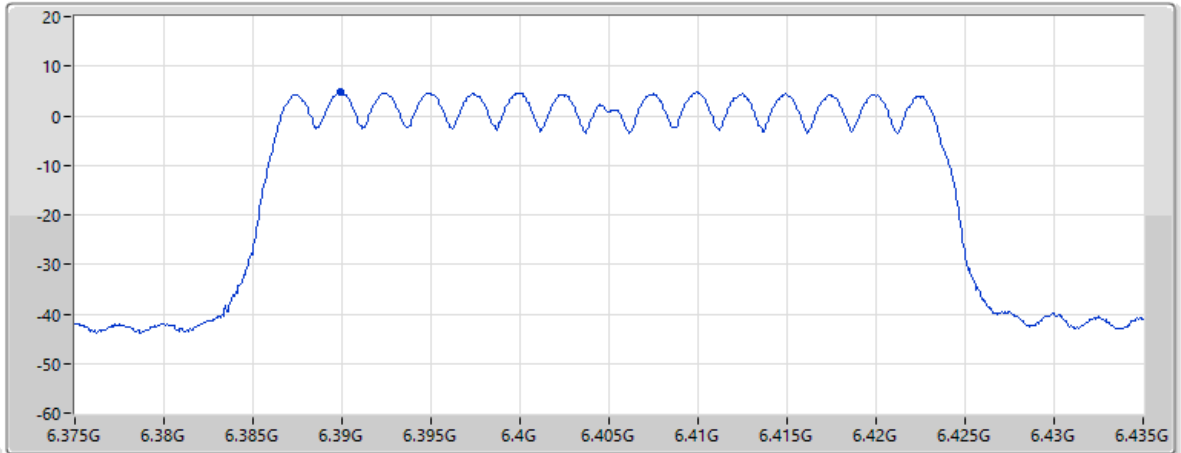
EIRP PSD;Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6205MHz;TX



20/11/2025

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

CF Freq
6.405GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
40MHz



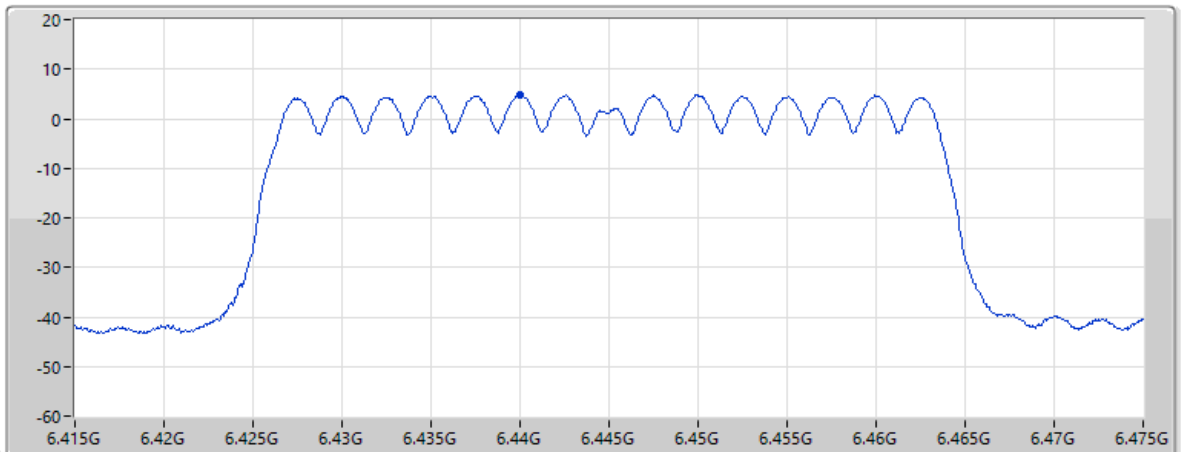
Page 8
Horizontal

EIRP PSD (dBm)	4.77	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-6.87	12.94	9.50	43.07	58.15

20/11/2025

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

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

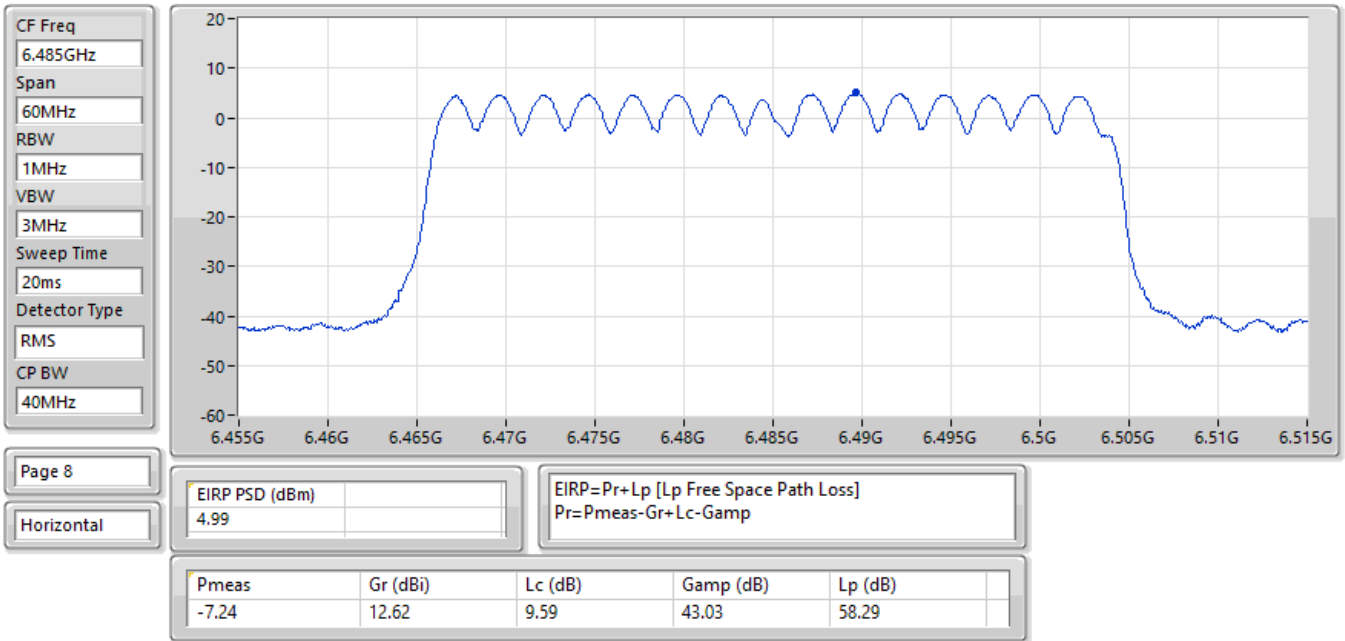


Page 8
Horizontal

EIRP PSD (dBm)	4.86	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-7.11	12.74	9.54	43.05	58.22

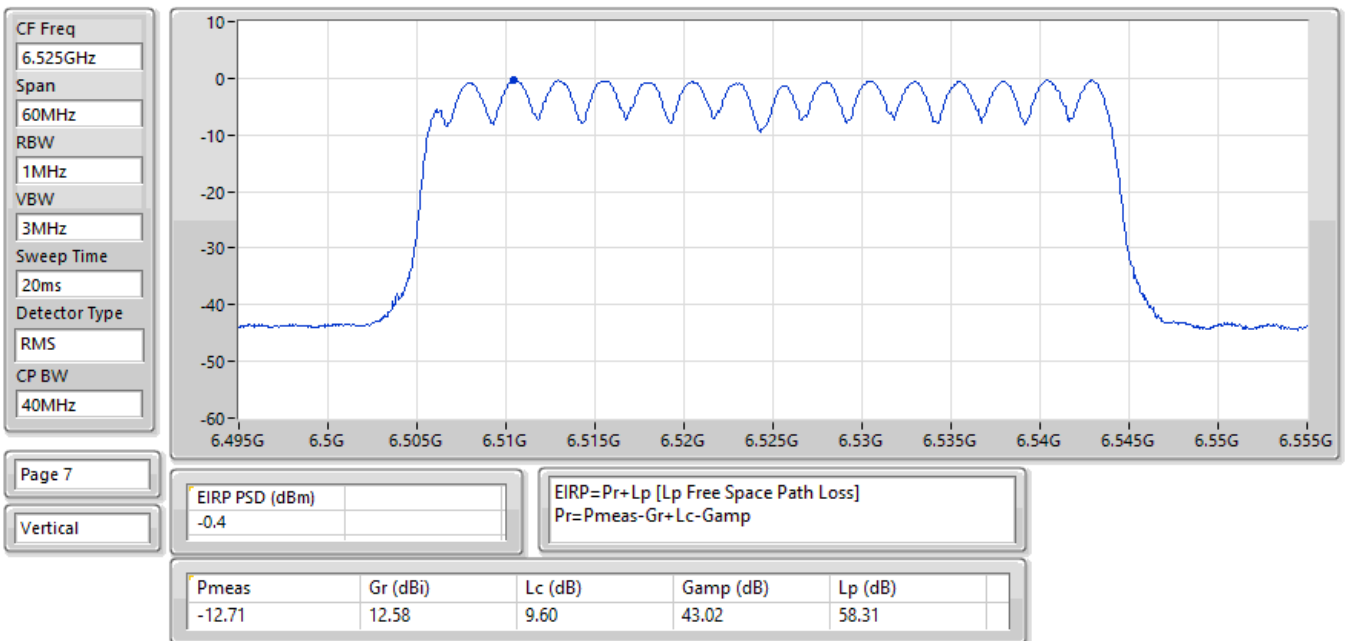
20/11/2025

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



20/11/2025

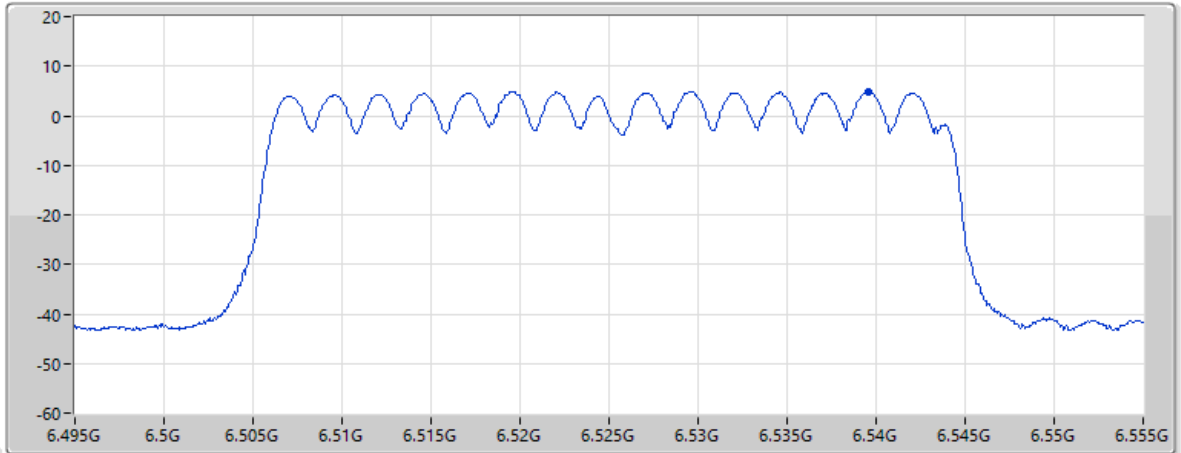
EIRP PSD;Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6525MHz;TX



20/11/2025

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

CF Freq
6.525GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
40MHz



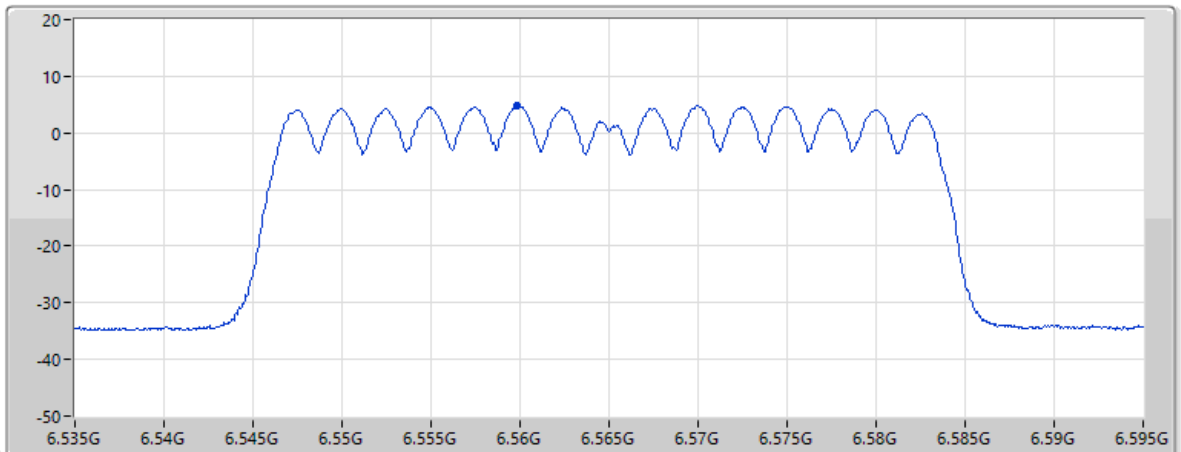
Page 8
Horizontal

EIRP PSD (dBm)	4.88	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-7.57	12.52	9.63	43.01	58.35

20/11/2025

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

CF Freq
6.565GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
40MHz

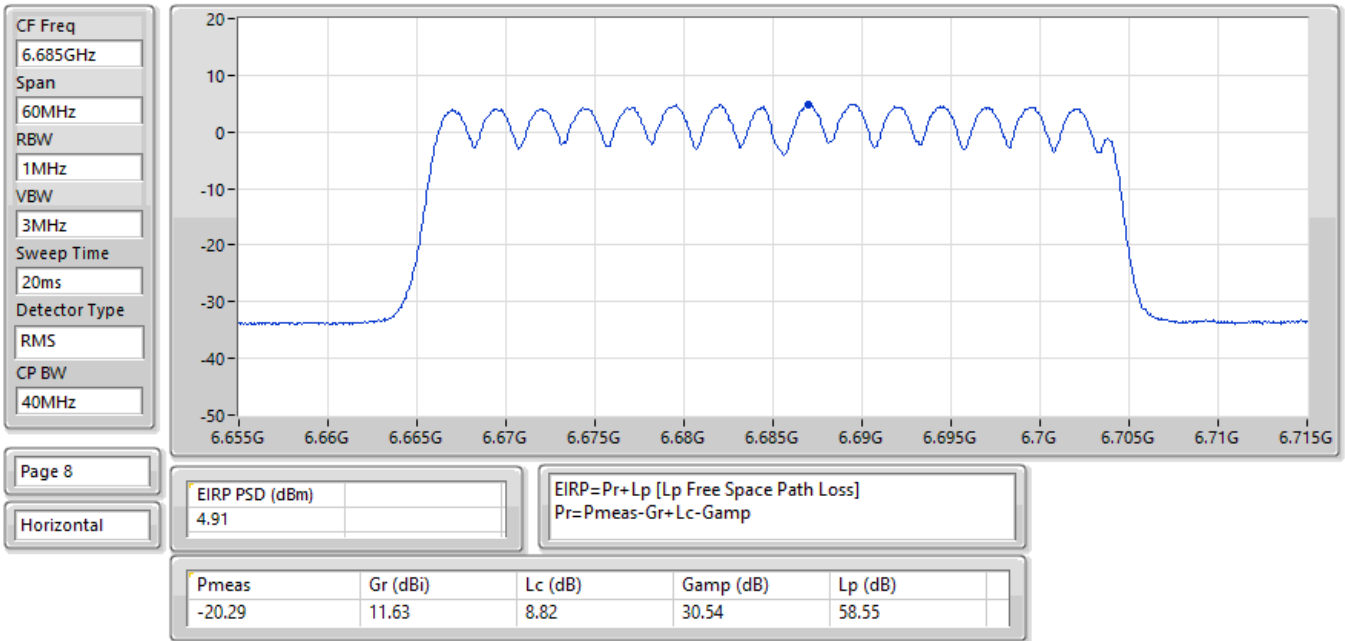


Page 8
Horizontal

EIRP PSD (dBm)	4.94	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-19.64	11.98	8.58	30.40	58.38

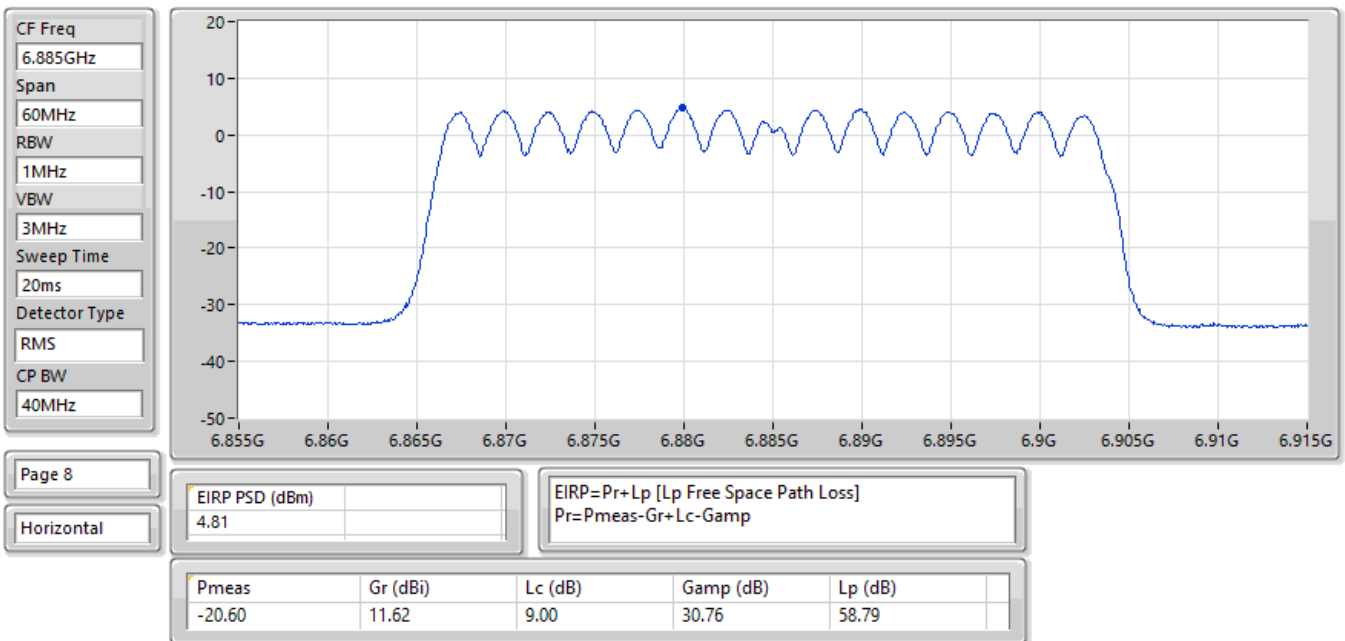
20/11/2025

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



20/11/2025

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



20/11/2025

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

CF Freq
6.925GHz

Span
60MHz

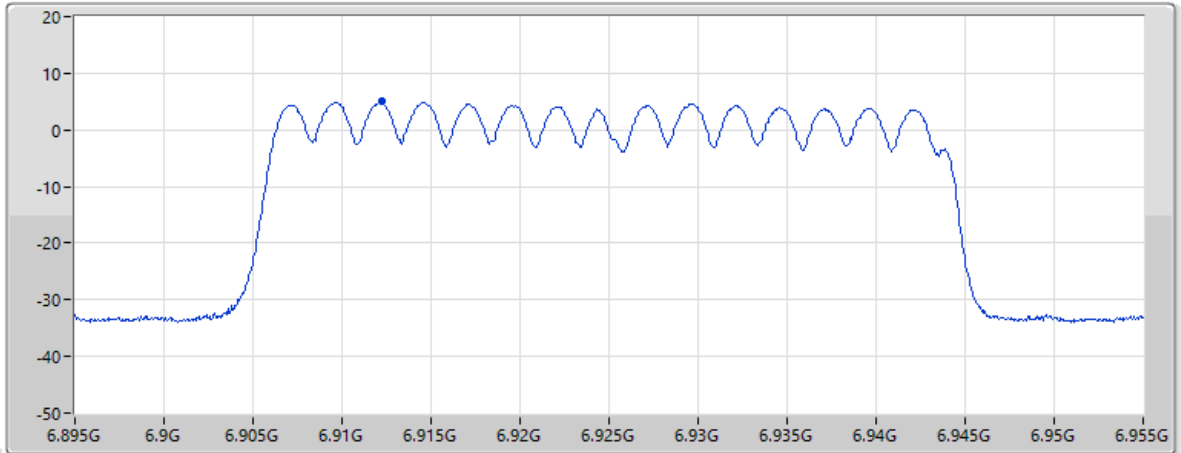
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
40MHz



Page 8

Horizontal

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
4.96		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-20.33	11.72	8.97	30.79	58.83

20/11/2025

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

CF Freq
7.005GHz

Span
60MHz

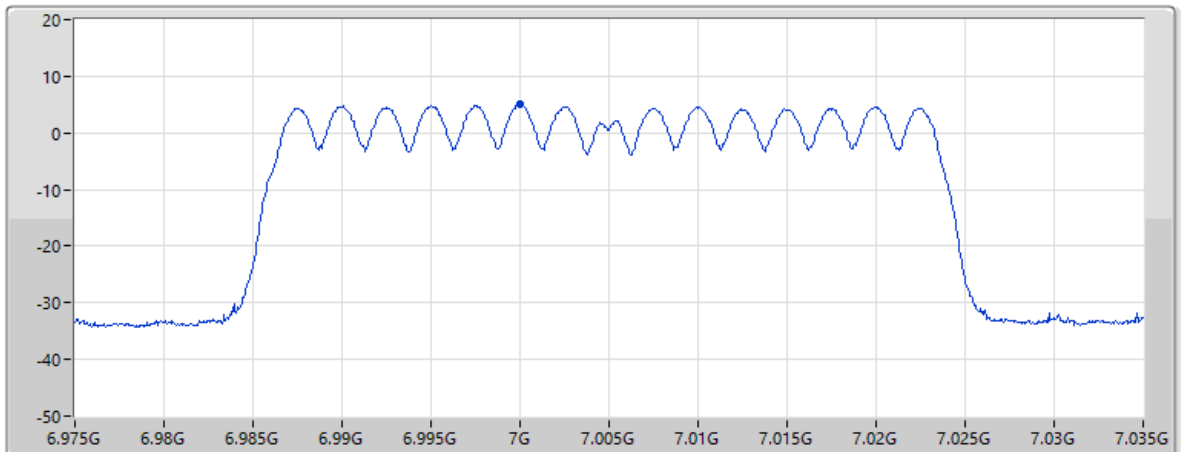
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
40MHz



Page 7

Vertical

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
4.99		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-20.16	11.80	8.90	30.89	58.94

22/10/2025

EIRP PSD;Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:7085MHz;TX

CF Freq
7.085GHz

Span
60MHz

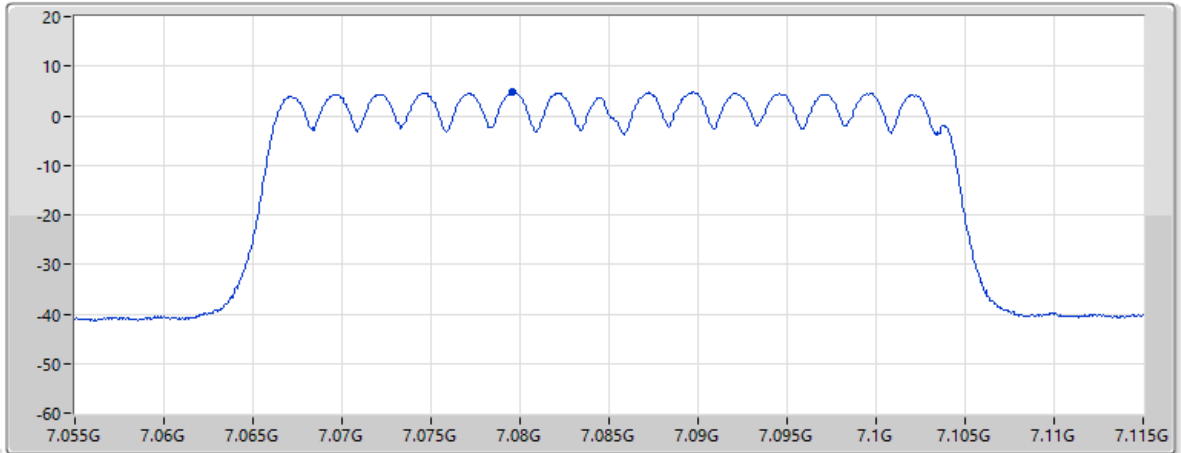
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
40MHz



Page 8

Horizontal

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
4.79		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-10.02	11.66	10.12	42.69	59.04

20/11/2025

EIRP PSD;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:5985MHz;TX

CF Freq
5.985GHz

Span
120MHz

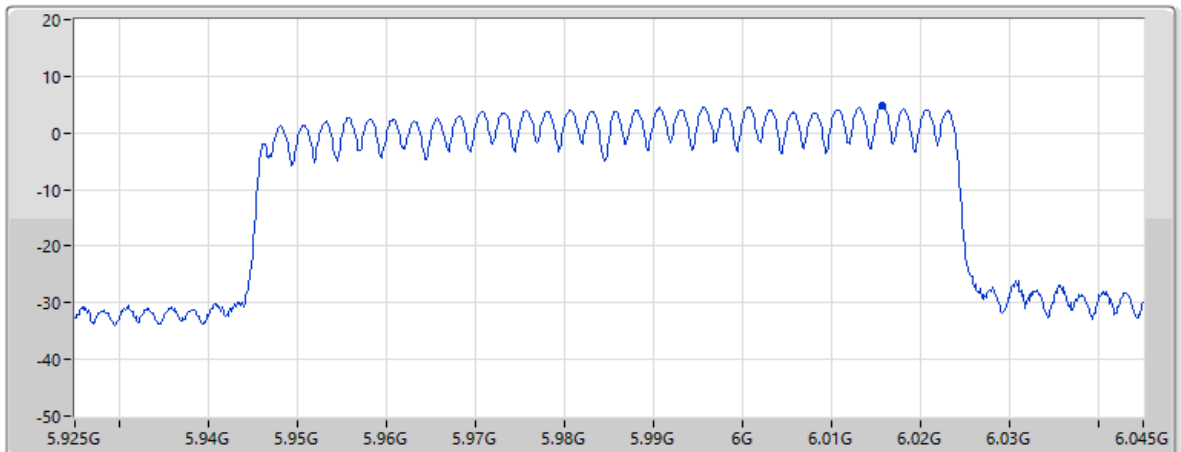
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
80MHz



Page 8

Horizontal

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
4.91		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-19.22	11.47	8.11	30.14	57.63

20/11/2025

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

CF Freq
6.225GHz

Span
120MHz

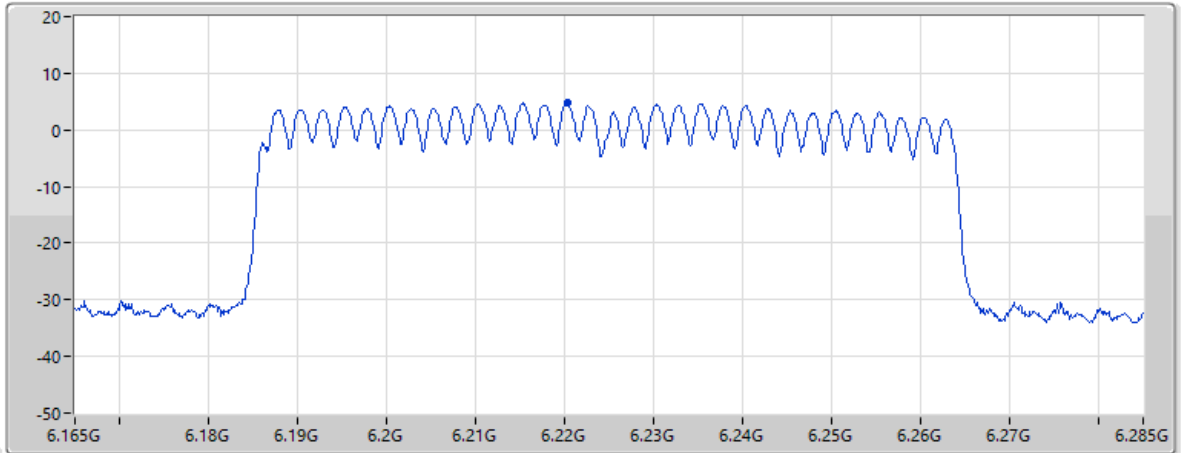
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
80MHz



Page 8

Horizontal

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
4.79				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-19.46	11.50	8.05	30.22	57.92

20/11/2025

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

CF Freq
6.385GHz

Span
120MHz

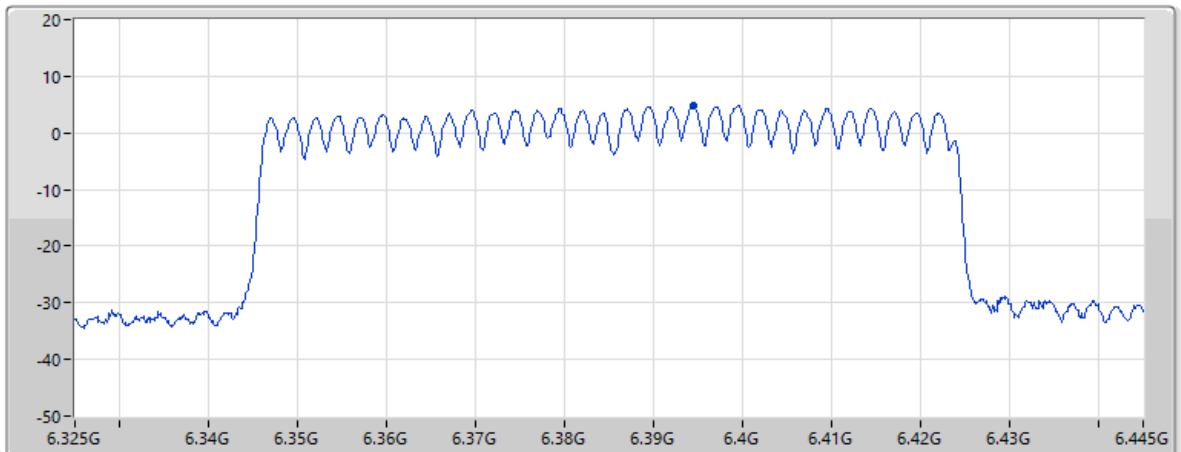
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
80MHz

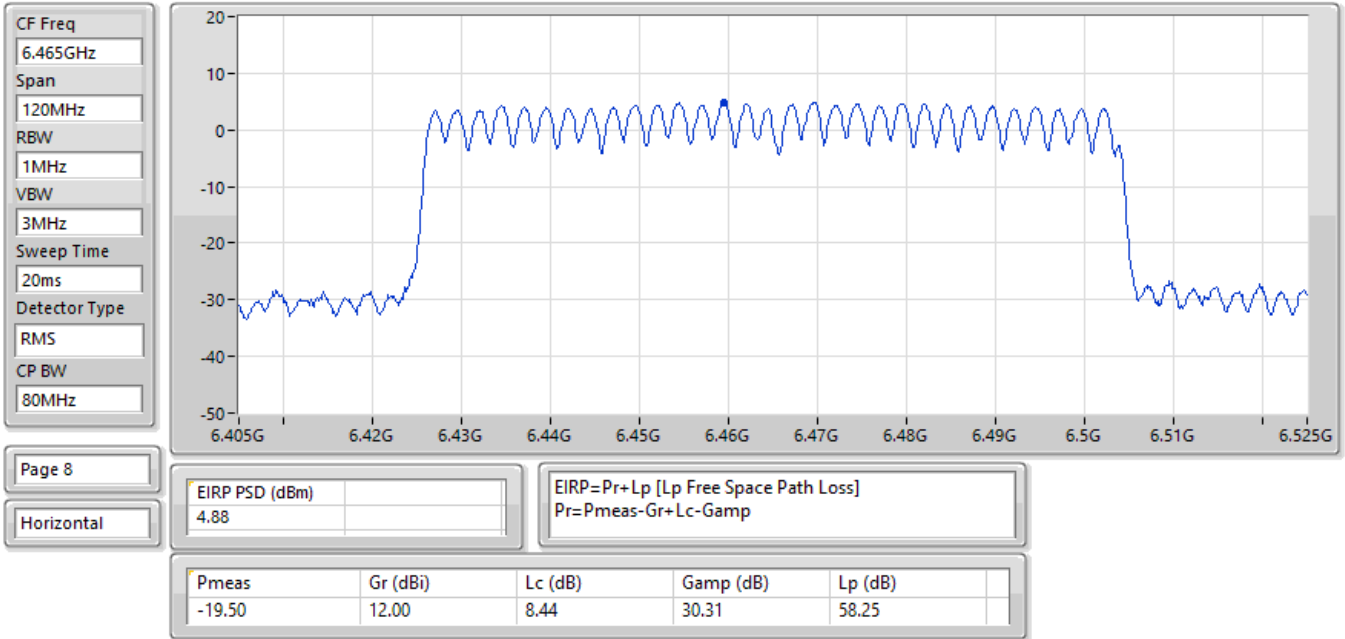


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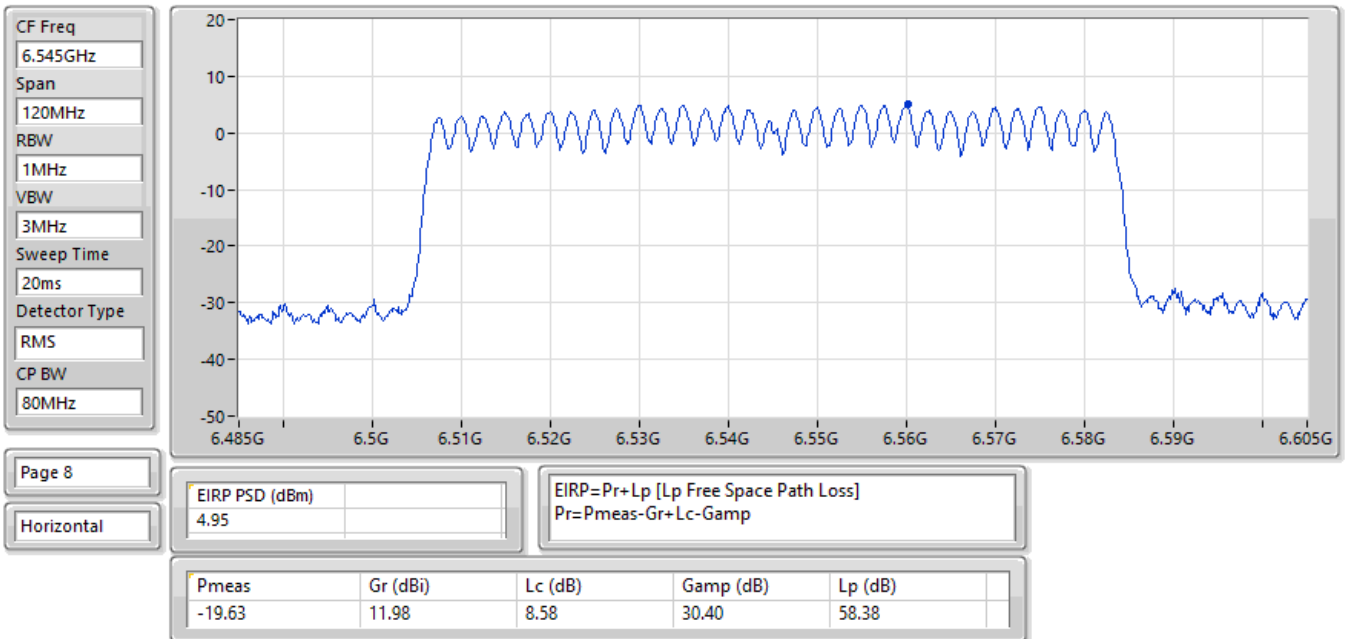
Horizontal

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
4.94				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-19.39	11.89	8.35	30.29	58.16

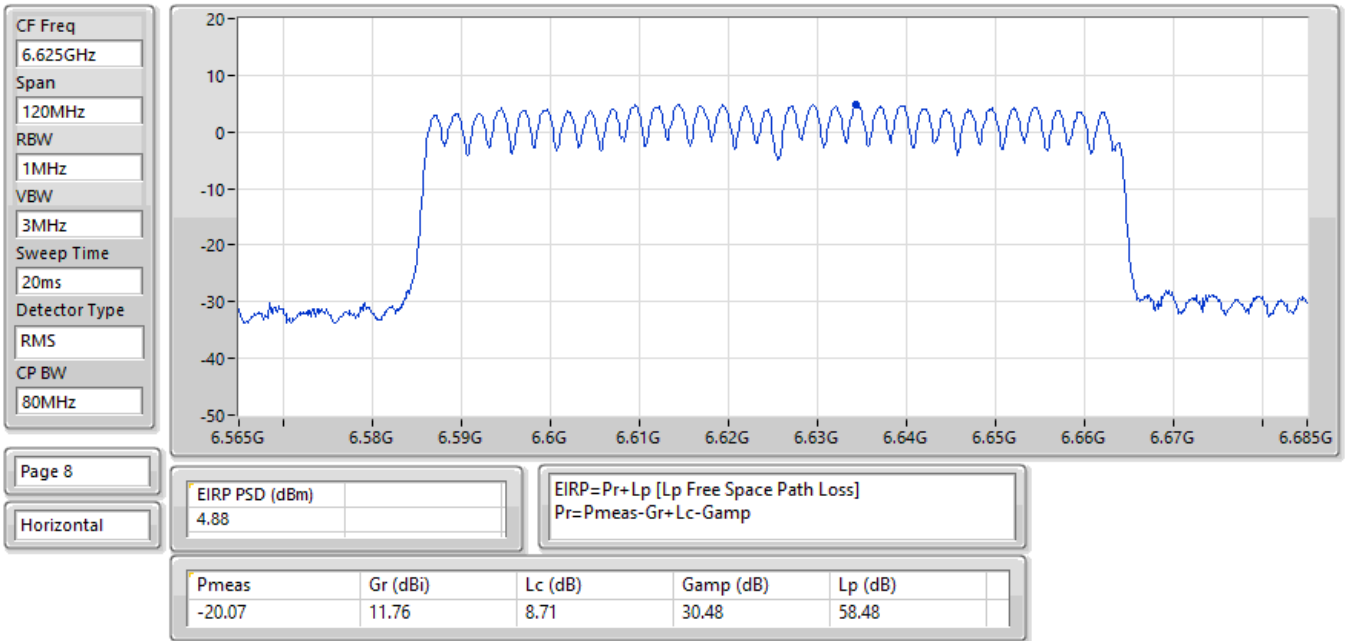
20/11/2025

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


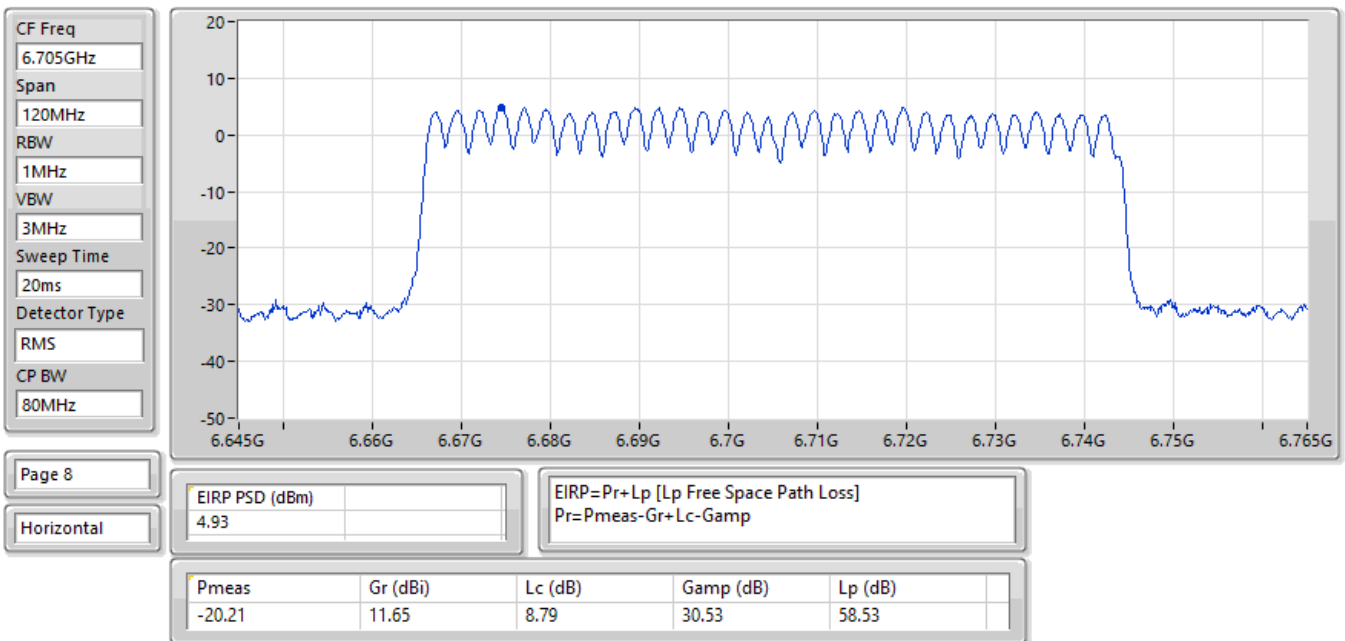
20/11/2025

EIRP PSD;Band:6.4G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6545MHz;TX


20/11/2025

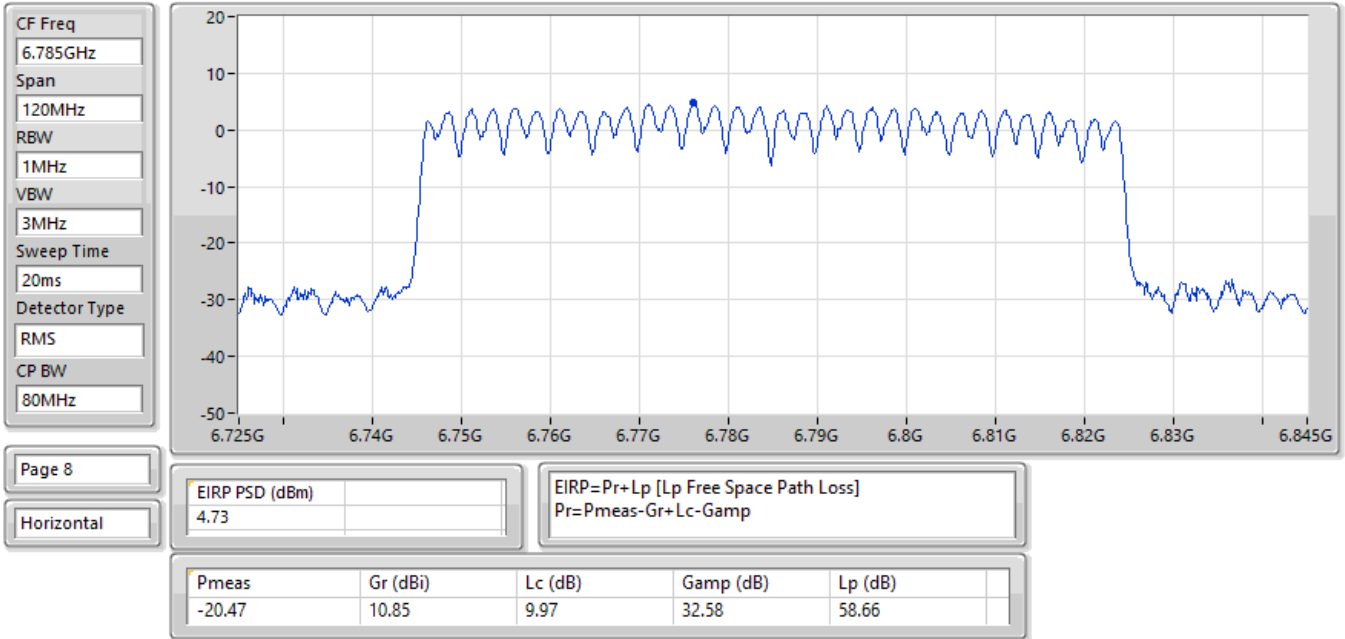
EIRP PSD;Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6625MHz;TX


20/11/2025

EIRP PSD;Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6705MHz;TX


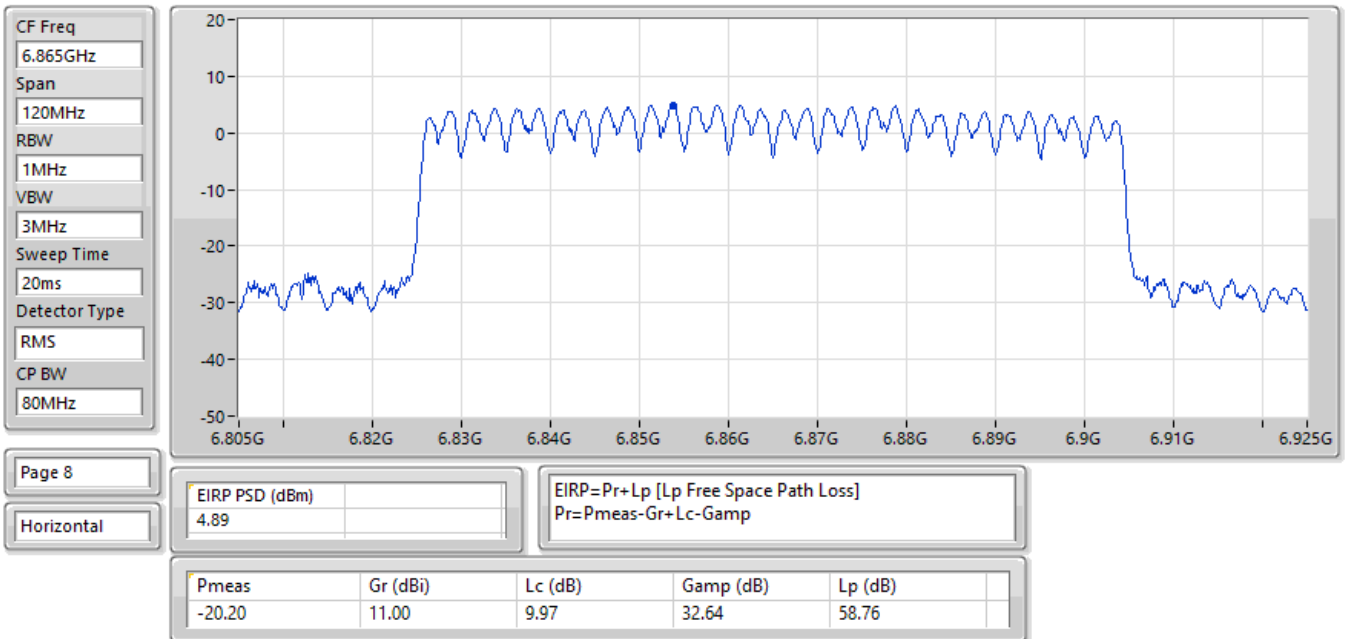
22/11/2025

EIRP PSD;Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6785MHz;TX



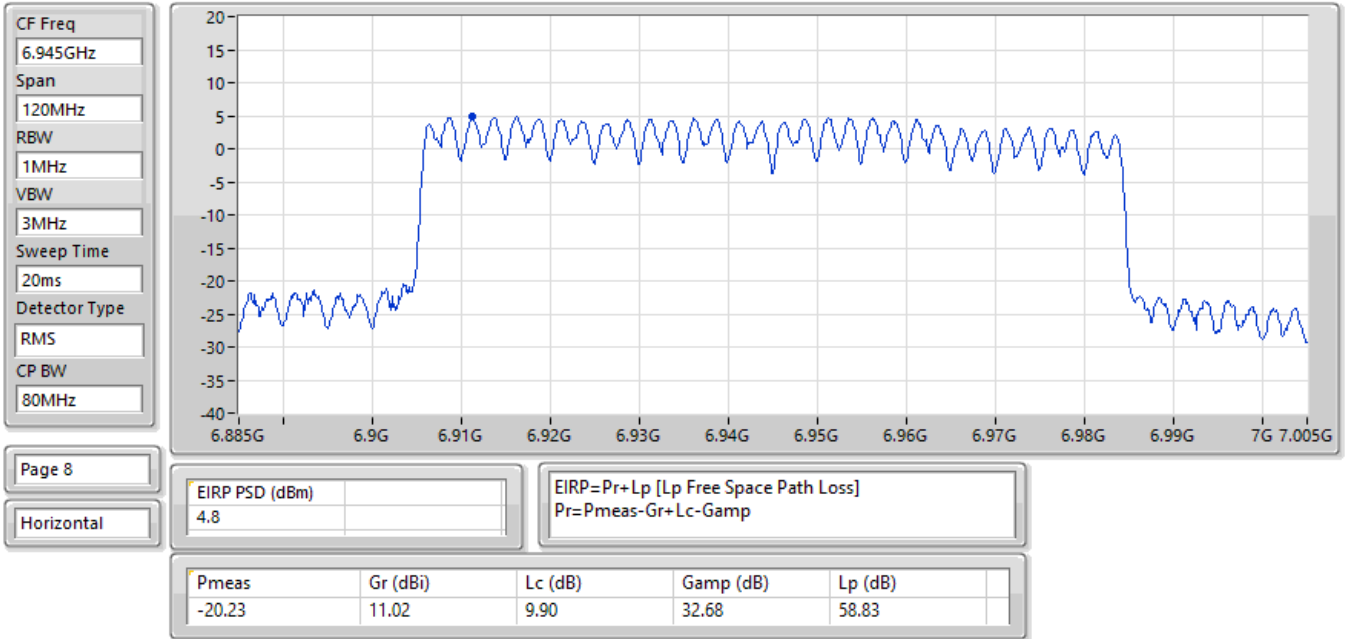
22/11/2025

EIRP PSD;Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6865MHz;TX



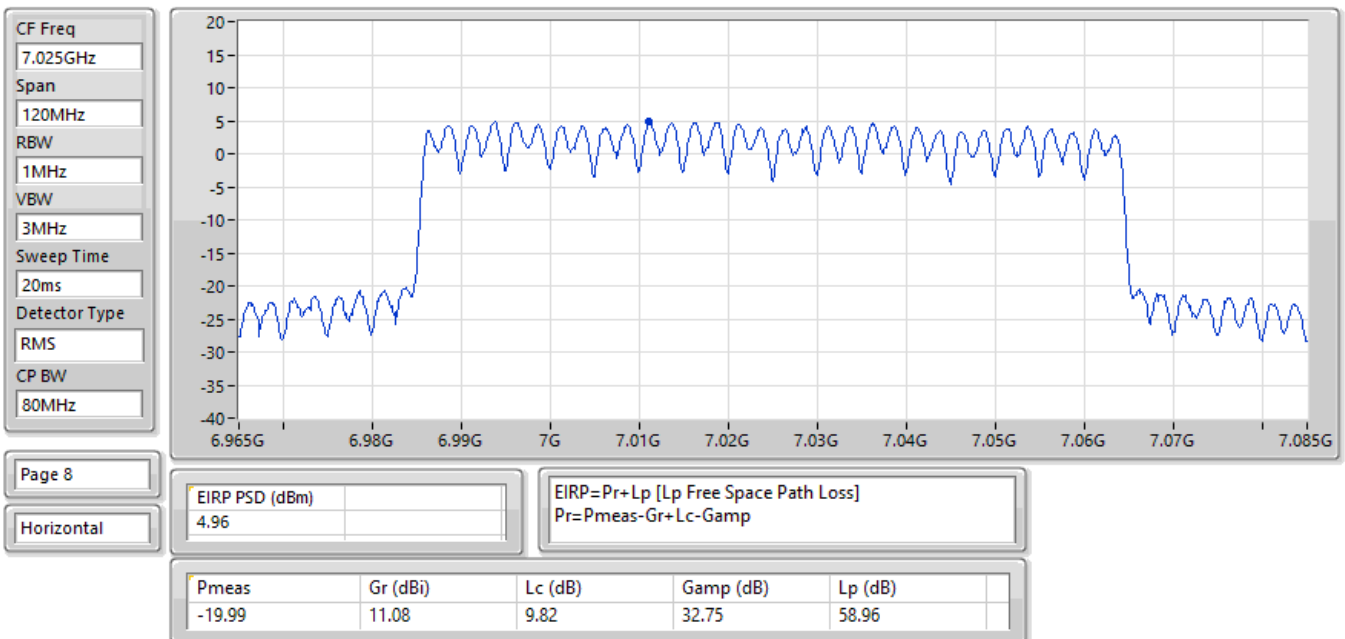
22/11/2025

EIRP PSD;Band:7.0G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6945MHz;TX



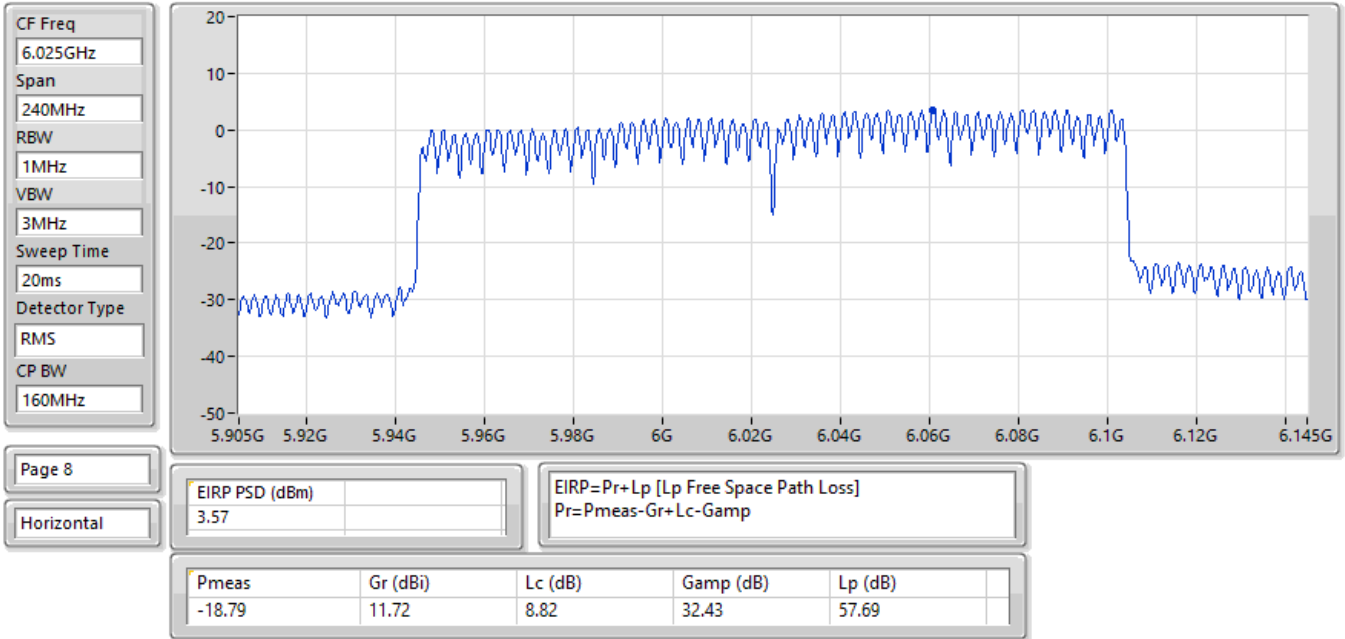
22/11/2025

EIRP PSD;Band:7.0G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:7025MHz;TX



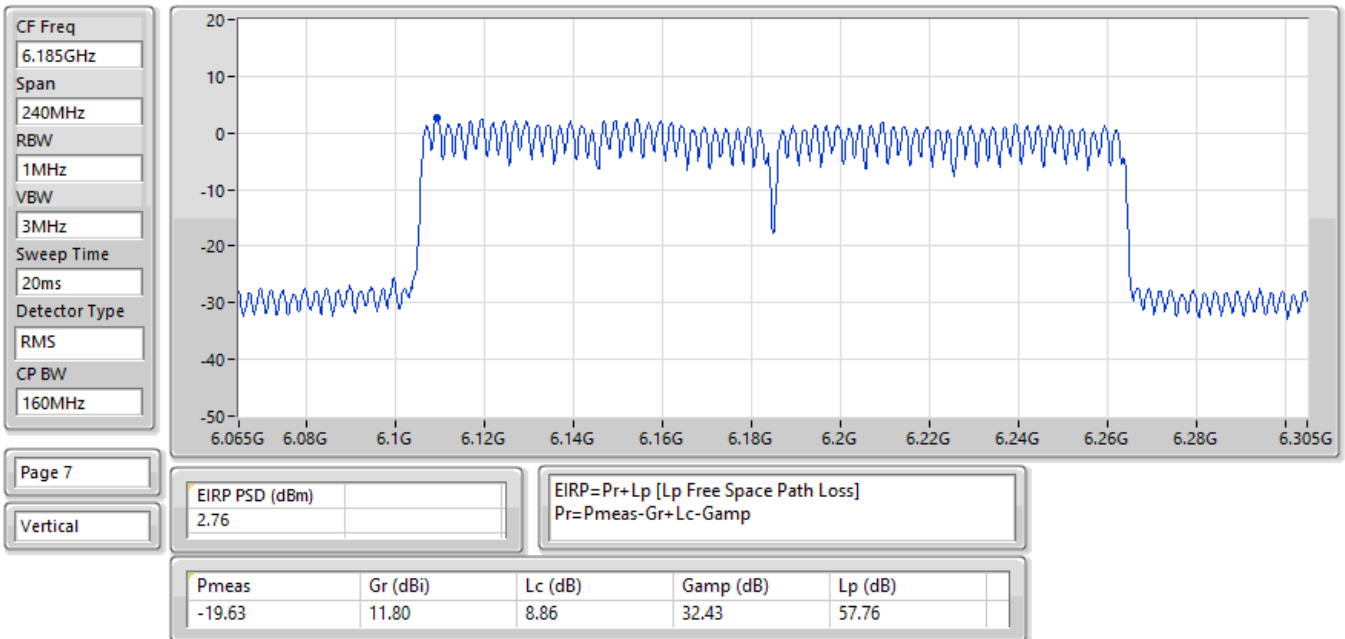
22/11/2025

EIRP PSD;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6025MHz;TX



22/11/2025

EIRP PSD;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6185MHz;TX



22/11/2025

EIRP PSD;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6345MHz;TX

CF Freq
6.345GHz

Span
240MHz

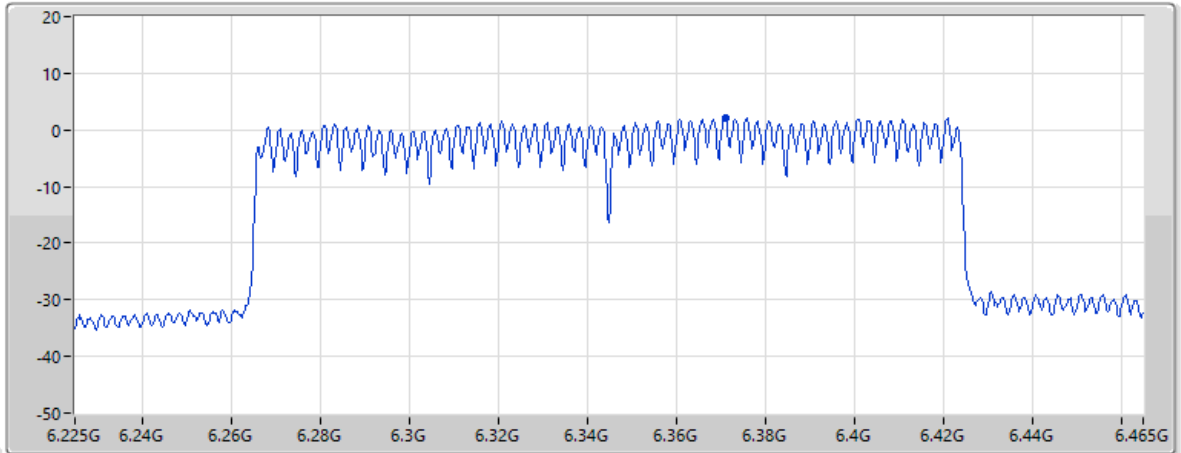
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
160MHz



Page 7

Vertical

EIRP PSD (dBm)	2.14	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-21.44	11.66	9.51	32.40	58.13

22/11/2025

EIRP PSD;Band:6.4G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6505MHz;TX

CF Freq
6.505GHz

Span
240MHz

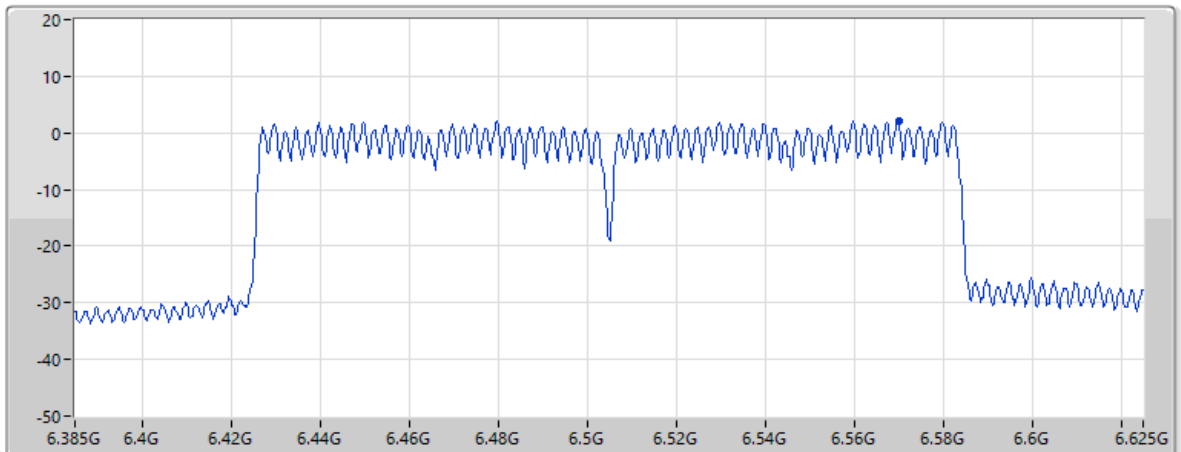
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
160MHz



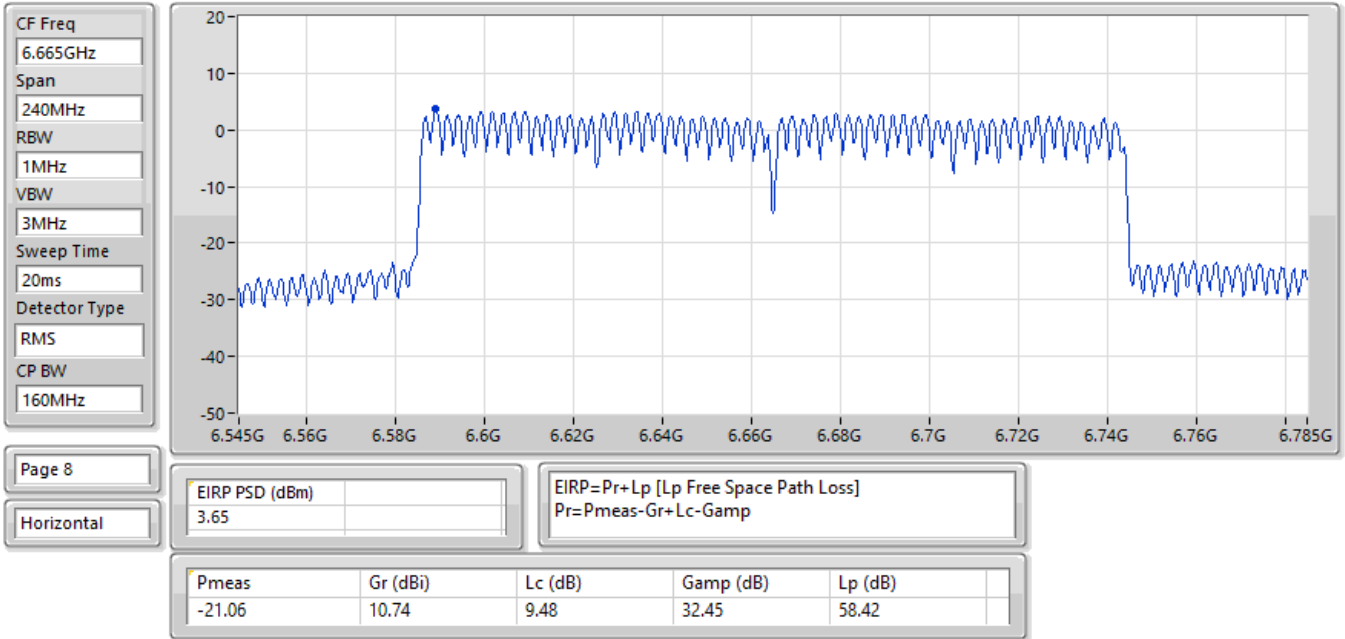
Page 8

Horizontal

EIRP PSD (dBm)	2.22	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-22.41	10.82	9.49	32.43	58.39

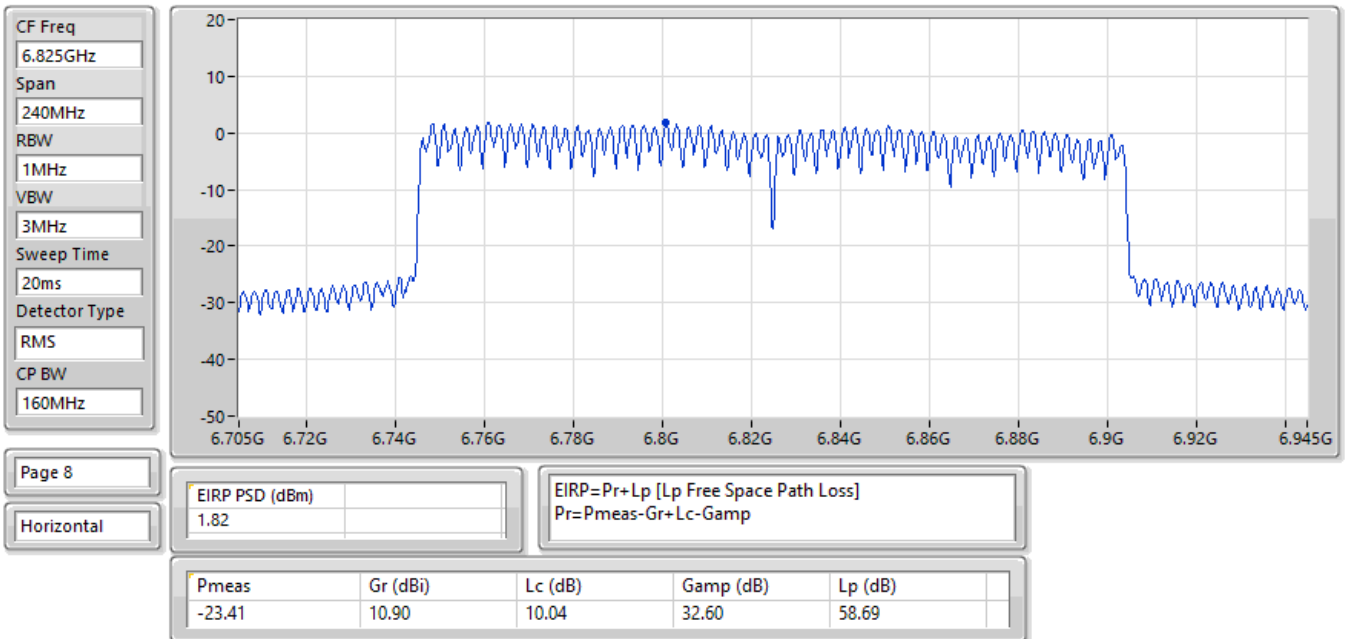
22/11/2025

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



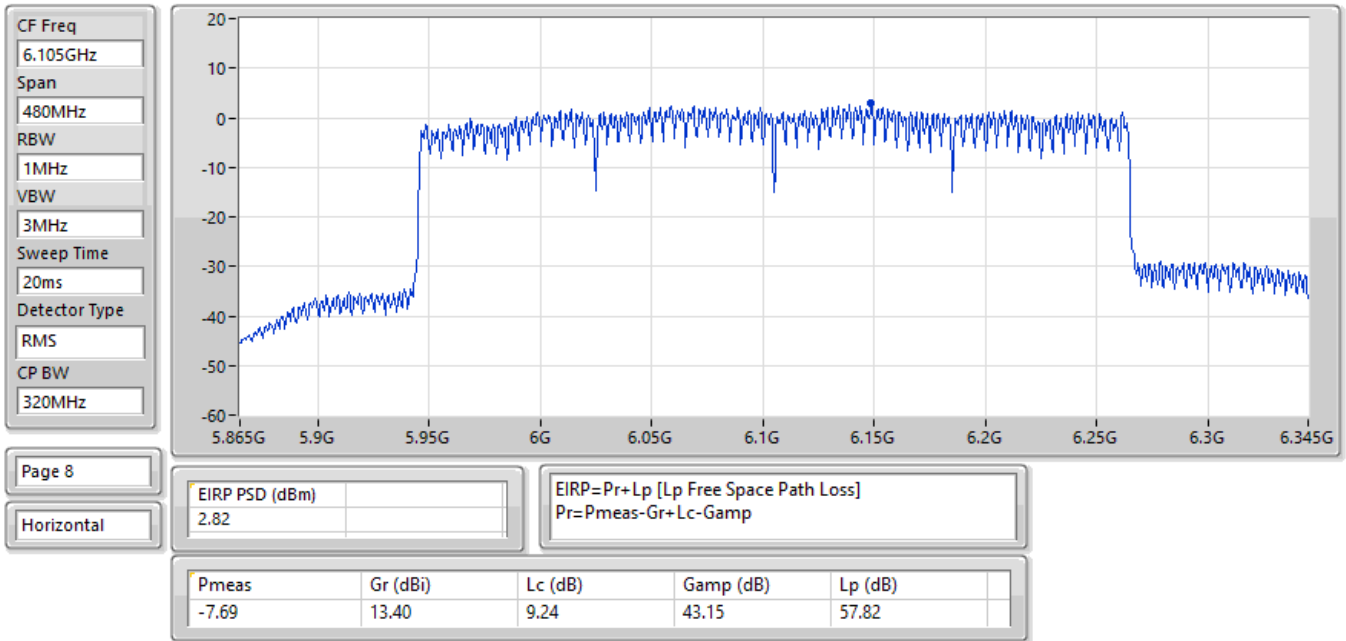
22/11/2025

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



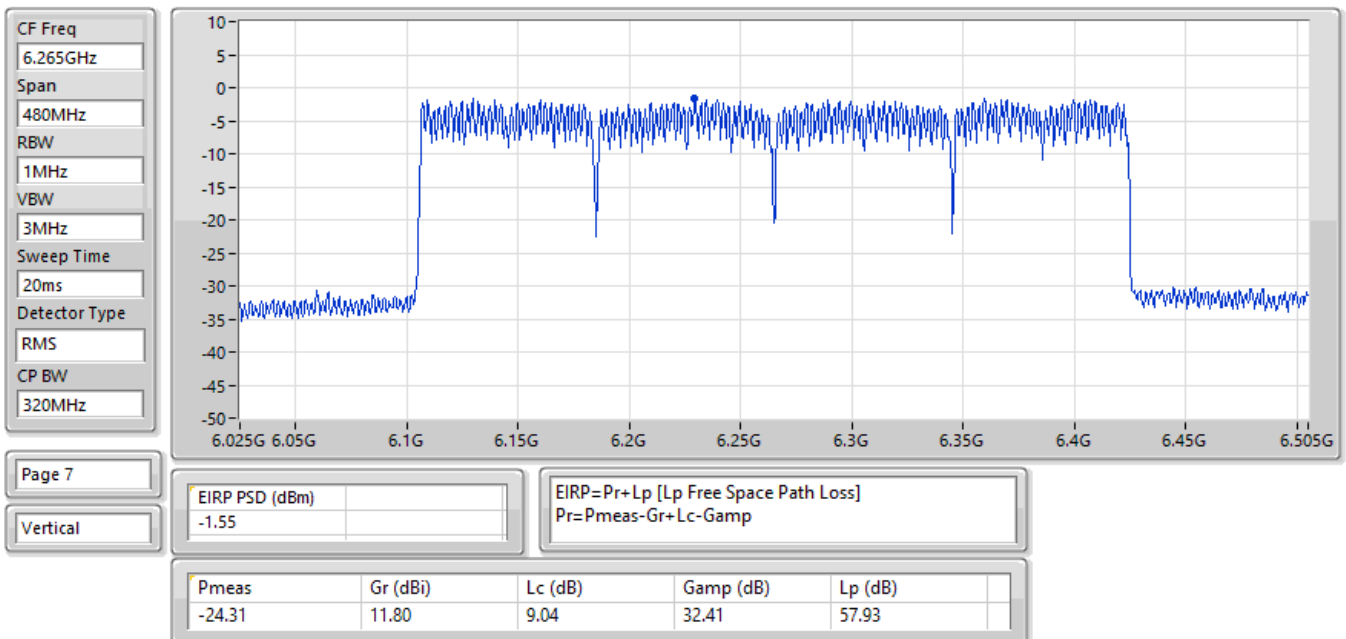
22/10/2025

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



22/11/2025

EIRP PSD;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6265MHz;TX



22/11/2025

EIRP PSD;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6425MHz;TX

CF Freq
6.425GHz

Span
480MHz

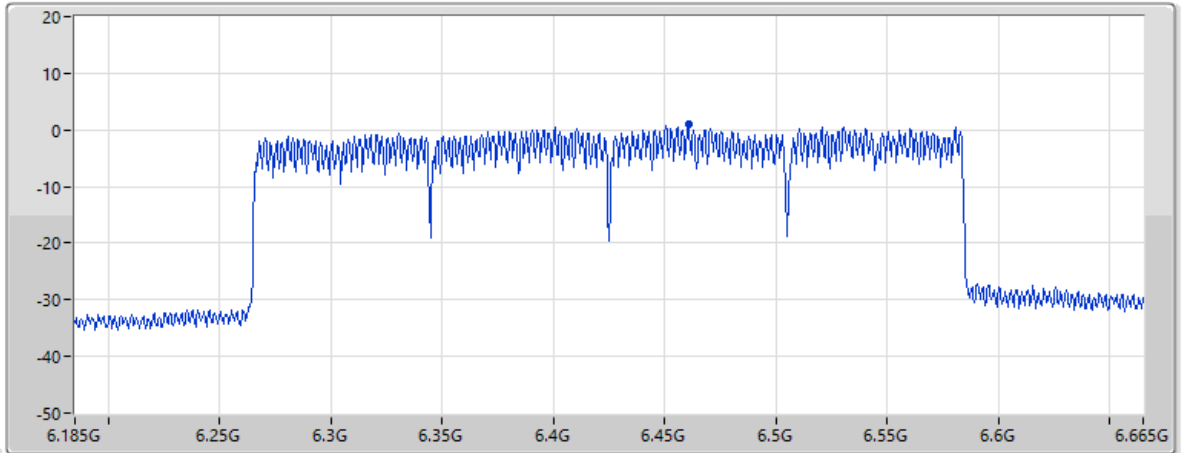
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
320MHz



Page 7

Vertical

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
0.94				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-23.14	11.36	9.57	32.38	58.25

22/11/2025

EIRP PSD;Band:6.4G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6585MHz;TX

CF Freq
6.585GHz

Span
480MHz

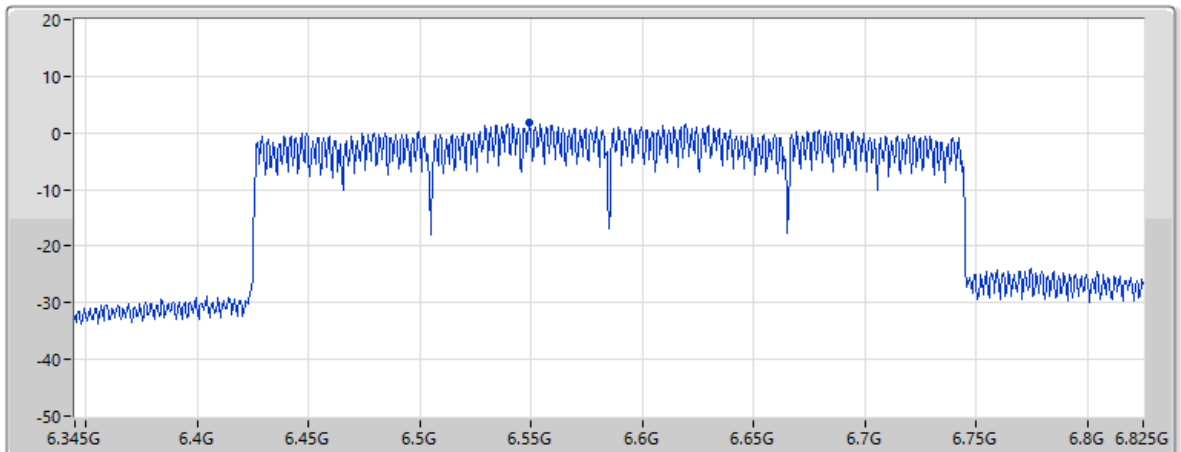
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

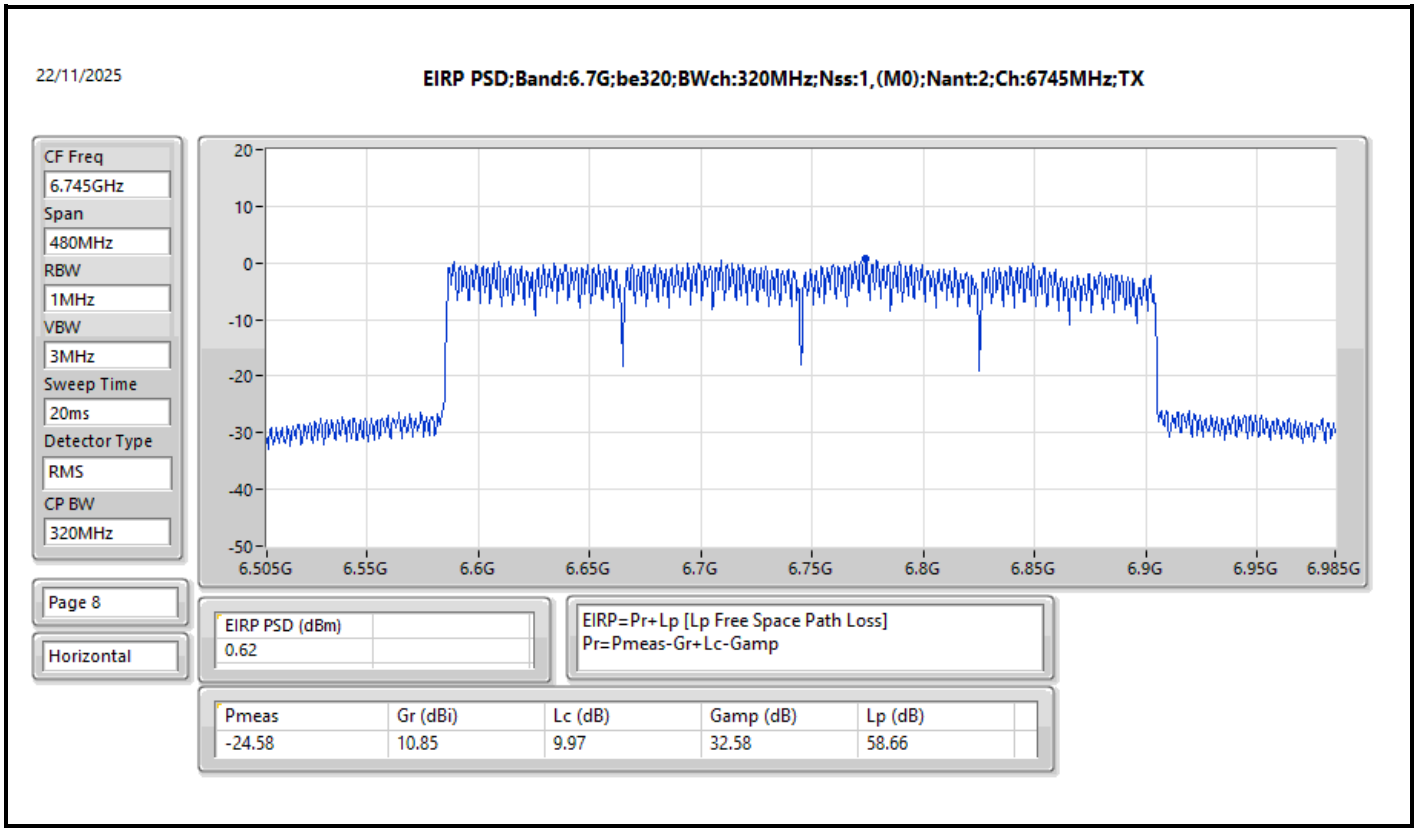
CP BW
320MHz



Page 8

Horizontal

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
1.92				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-22.64	10.90	9.51	32.42	58.37



**Summary**

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	4.99
802.11be EHT40-BF_Nss1,(MCS0)_2TX	4.95
802.11be EHT80-BF_Nss1,(MCS0)_2TX	4.83
802.11be EHT160-BF_Nss1,(MCS0)_2TX	4.86
802.11be EHT320-BF_Nss1,(MCS0)_2TX	1.50
6.425-6.525GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	4.92
802.11be EHT40-BF_Nss1,(MCS0)_2TX	4.85
802.11be EHT80-BF_Nss1,(MCS0)_2TX	4.94
802.11be EHT160-BF_Nss1,(MCS0)_2TX	4.67
802.11be EHT320-BF_Nss1,(MCS0)_2TX	1.81
6.525-6.875GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	4.99
802.11be EHT40-BF_Nss1,(MCS0)_2TX	4.93
802.11be EHT80-BF_Nss1,(MCS0)_2TX	4.83
802.11be EHT160-BF_Nss1,(MCS0)_2TX	4.66
802.11be EHT320-BF_Nss1,(MCS0)_2TX	1.18
6.875-7.125GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	4.88
802.11be EHT40-BF_Nss1,(MCS0)_2TX	4.98
802.11be EHT80-BF_Nss1,(MCS0)_2TX	4.77
802.11be EHT160-BF_Nss1,(MCS0)_2TX	4.98

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



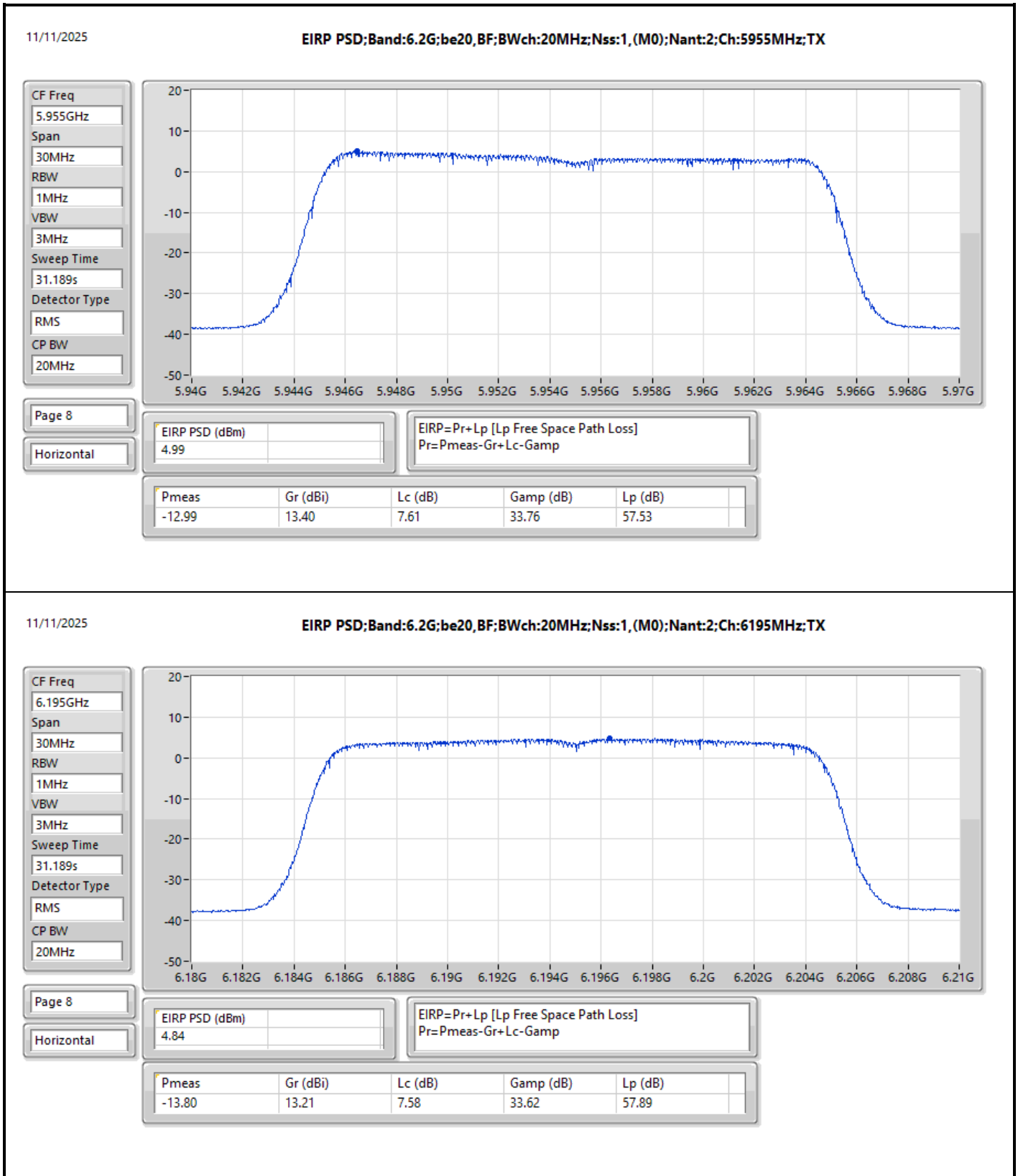
Radiated PSD_Test Mode: Mode 1 (Beamforming mode)

Appendix D.2

Result

Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	4.99	5.00
6195MHz	Pass	4.84	5.00
6415MHz	Pass	4.68	5.00
6435MHz	Pass	4.92	5.00
6475MHz	Pass	4.61	5.00
6515MHz	Pass	4.86	5.00
6535MHz	Pass	4.99	5.00
6695MHz	Pass	4.95	5.00
6875MHz	Pass	4.70	5.00
6895MHz	Pass	4.88	5.00
6995MHz	Pass	4.85	5.00
7095MHz	Pass	4.85	5.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	4.66	5.00
6205MHz	Pass	4.95	5.00
6405MHz	Pass	4.56	5.00
6445MHz	Pass	4.81	5.00
6485MHz	Pass	4.85	5.00
6525MHz	Pass	4.63	5.00
6565MHz	Pass	4.93	5.00
6685MHz	Pass	4.73	5.00
6885MHz	Pass	4.91	5.00
6925MHz	Pass	4.95	5.00
7005MHz	Pass	4.98	5.00
7085MHz	Pass	4.90	5.00
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	4.83	5.00
6225MHz	Pass	4.45	5.00
6385MHz	Pass	4.71	5.00
6465MHz	Pass	4.94	5.00
6545MHz	Pass	4.48	5.00
6625MHz	Pass	4.28	5.00
6705MHz	Pass	4.56	5.00
6785MHz	Pass	4.78	5.00
6865MHz	Pass	4.83	5.00
6945MHz	Pass	4.77	5.00
7025MHz	Pass	4.70	5.00
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	4.86	5.00
6185MHz	Pass	4.64	5.00
6345MHz	Pass	4.29	5.00
6505MHz	Pass	4.67	5.00
6665MHz	Pass	4.24	5.00
6825MHz	Pass	4.66	5.00
6985MHz	Pass	4.98	5.00
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-	-	-
6105MHz	Pass	-1.71	5.00
6265MHz	Pass	-4.01	5.00
6425MHz	Pass	1.50	5.00
6585MHz	Pass	1.81	5.00
6745MHz	Pass	-1.80	5.00
6905MHz	Pass	1.18	5.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;



11/11/2025

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

CF Freq

6.195GHz

Span

30MHz

RBW

1MHz

VBW

3MHz

Sweep Time

31.189s

Detector Type

RMS

CP BW

20MHz

Page 8

Horizontal

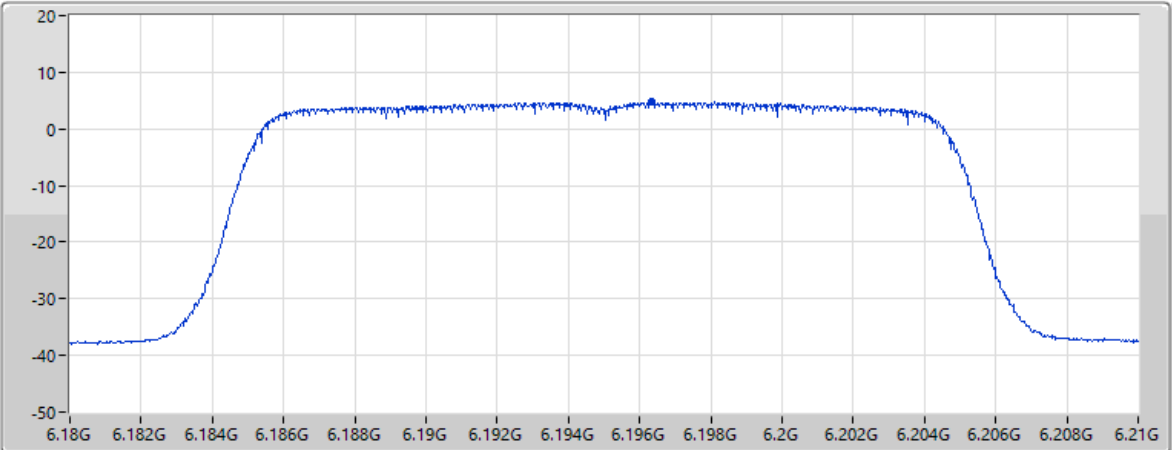
EIRP PSD (dBm)

4.84

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

Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-13.80	13.21	7.58	33.62	57.89



11/11/2025

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

CF Freq
6.415GHz

Span
30MHz

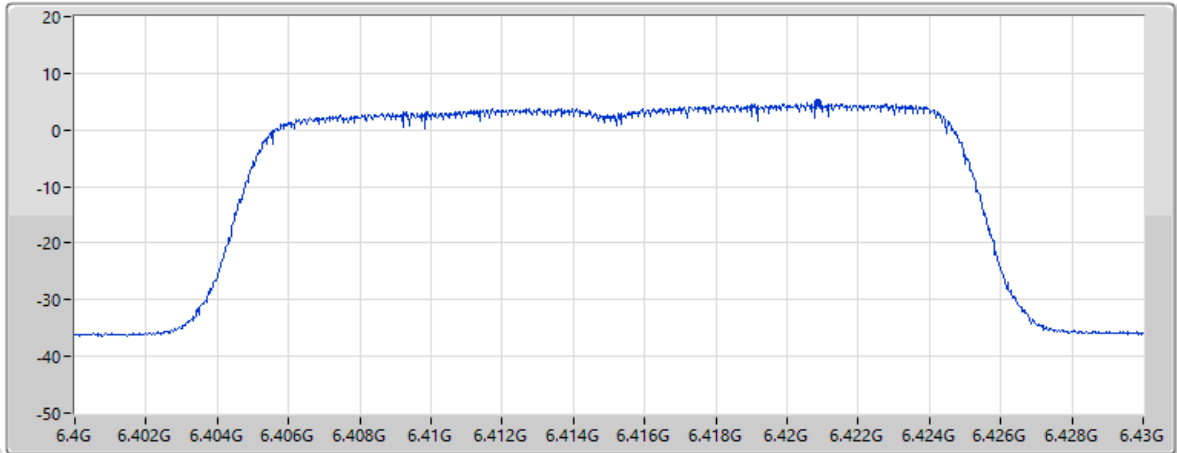
RBW
1MHz

VBW
3MHz

Sweep Time
31.189s

Detector Type
RMS

CP BW
20MHz



Page 8

Horizontal

EIRP PSD (dBm)	4.68	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-15.31	12.62	7.90	33.48	58.19

12/11/2025

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

CF Freq
6.435GHz

Span
30MHz

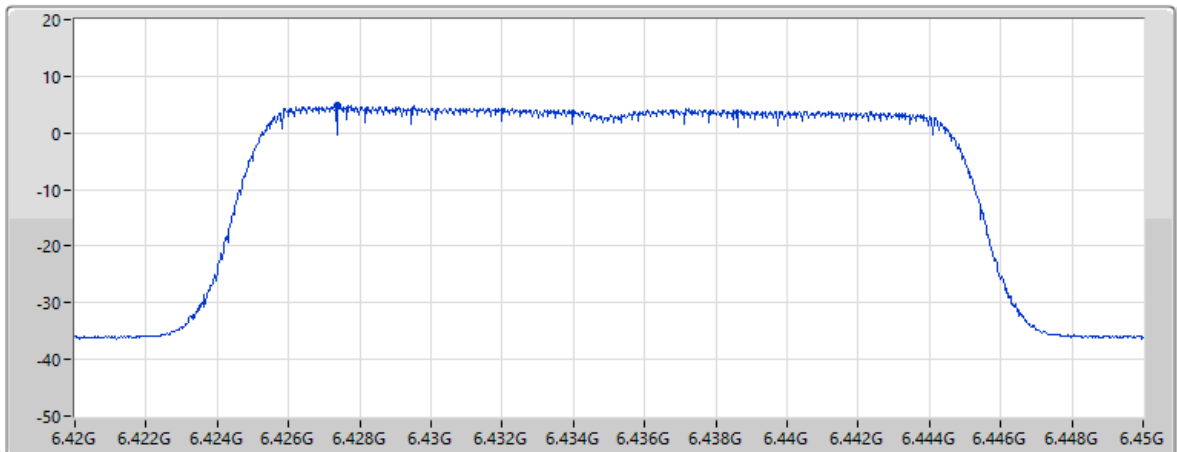
RBW
1MHz

VBW
3MHz

Sweep Time
31.189s

Detector Type
RMS

CP BW
20MHz



Page 8

Horizontal

EIRP PSD (dBm)	4.92	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-15.10	12.59	7.89	33.48	58.20