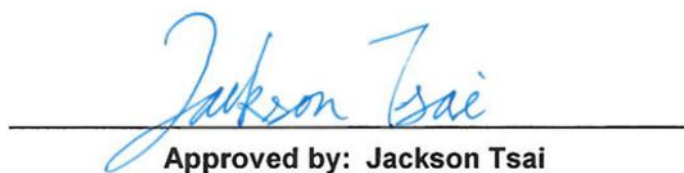


FCC RADIO TEST REPORT

FCC ID : Q6G-AP340
Equipment : Access Point
Brand Name : WatchGuard
Model Name : AP340, AP140
Applicant : WatchGuard Technologies, Inc.
255 S. King Street, Suite 1100 Seattle,
WA 98104, USA
Manufacturer : WatchGuard Technologies, Inc.
255 S. King Street, Suite 1100 Seattle,
WA 98104, USA
Standard : 47 CFR FCC Part 15.407

The product was received on Feb. 24, 2025, and testing was started from Mar. 11, 2025 and completed on May 20, 2025. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)



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History of this test report

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: HE1-D1-1 Ver.2.7
FCC ID: Q6G-AP340

Page Number : 3 of 35
Issued Date : Jul. 04, 2025
Report Version : 01



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	PASS	-
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	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

None

Reviewed by: Barry Hsiao

Report Producer: Michelle Tsai



1 General Description

1.1 Information

Radio 3 (Scan radio) is only RX function.

1.1.1 RF General Information

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

Non-Beamforming

Band	Mode	BWch	Nant
5.925-6.425GHz	802.11be EHT20	20	2TX
6.425-6.525GHz	802.11be EHT20	20	2TX
6.525-6.875GHz	802.11be EHT20	20	2TX
6.875-7.125GHz	802.11be EHT20	20	2TX
5.925-6.425GHz	802.11be EHT40	40	2TX
6.425-6.525GHz	802.11be EHT40	40	2TX
6.525-6.875GHz	802.11be EHT40	40	2TX
6.875-7.125GHz	802.11be EHT40	40	2TX
5.925-6.425GHz	802.11be EHT80	80	2TX
6.425-6.525GHz	802.11be EHT80	80	2TX
6.525-6.875GHz	802.11be EHT80	80	2TX
6.875-7.125GHz	802.11be EHT80	80	2TX
5.925-6.425GHz	802.11ac VHT160	160	2TX
5.925-6.425GHz	802.11be EHT160	160	2TX
6.425-6.525GHz	802.11be EHT160	160	2TX
6.525-6.875GHz	802.11be EHT160	160	2TX
6.875-7.125GHz	802.11be EHT160	160	2TX
5.925-6.425GHz	802.11be EHT320	320	2TX
6.425-6.525GHz	802.11be EHT320	320	2TX
6.525-6.875GHz	802.11be EHT320	320	2TX

**Beamforming**

Band	Mode	BWch	Nant
5.925-6.425GHz	802.11be EHT20-BF	20	2TX
6.425-6.525GHz	802.11be EHT20-BF	20	2TX
6.525-6.875GHz	802.11be EHT20-BF	20	2TX
6.875-7.125GHz	802.11be EHT20-BF	20	2TX
5.925-6.425GHz	802.11be EHT40-BF	40	2TX
6.425-6.525GHz	802.11be EHT40-BF	40	2TX
6.525-6.875GHz	802.11be EHT40-BF	40	2TX
6.875-7.125GHz	802.11be EHT40-BF	40	2TX
5.925-6.425GHz	802.11be EHT80-BF	80	2TX
6.425-6.525GHz	802.11be EHT80-BF	80	2TX
6.525-6.875GHz	802.11be EHT80-BF	80	2TX
6.875-7.125GHz	802.11be EHT80-BF	80	2TX
5.925-6.425GHz	802.11be EHT160-BF	160	2TX
6.425-6.525GHz	802.11be EHT160-BF	160	2TX
6.525-6.875GHz	802.11be EHT160-BF	160	2TX
6.875-7.125GHz	802.11be EHT160-BF	160	2TX
5.925-6.425GHz	802.11be EHT320-BF	320	2TX
6.425-6.525GHz	802.11be EHT320-BF	320	2TX
6.525-6.875GHz	802.11be EHT320-BF	320	2TX

Note:

- HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- EHT20, EHT40, EHT80, EHT160 and EHT320 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- BWch is the nominal channel bandwidth.
- The channel defined in the IEEE Standard P802.11ax™/D6.1.
- 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.

**1.1.2 Antenna Information****Model Name : AP140**

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Enrack	7102A1222000	PIFA	I-Pex	2.4G	Radio 1
2	Enrack	7102A1223000	PIFA	I-Pex	2.4G	
3	Enrack	7102A1224000	PIFA	I-Pex	5G	Radio 2
4	Enrack	7102A1225000	PIFA	I-Pex	5G	
5	AWAN	7102A0952000	Alford Loop	I-Pex	6G	
6	AWAN	7102A0951000	Alford Loop	I-Pex	6G	

Ant.	Port	Gain (dBi)		
		2.4G	5G	6G
1	1	4.4	-	-
2	2	4.0	-	-
3	1	-	5.6	-
4	2	-	4.6	-
5	1	-	-	5.0
6	2	-	-	5.5

Model Name : AP340

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Enrack	7102A1222000	PIFA	I-Pex	2.4G	Radio 1
2	Enrack	7102A1223000	PIFA	I-Pex	2.4G	
3	Enrack	7102A1224000	PIFA	I-Pex	5G	Radio 2
4	Enrack	7102A1225000	PIFA	I-Pex	5G	
5	AWAN	7102A0952000	Alford Loop	I-Pex	6G	
6	AWAN	7102A0951000	Alford Loop	I-Pex	6G	
7	Enrack	7102A1355000	PIFA	I-Pex	2.4G/5G/6G	Scan Radio 3 (RX)
8	Enrack	7102A1356000	PIFA	I-Pex	2.4G/5G/6G	

Ant.	Port	Gain (dBi)		
		2.4G	5G	6G
1	1	4.4	-	-
2	2	4.4	-	-
3	1	-	5.6	-
4	2	-	5.1	-
5	1	-	-	5.0
6	2	-	-	5.5
7	1	4.2	5.2	5.3
8	2	4.2	5.1	4.9

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) < **Radio 1** >

Ant. 1 (port 1) and Ant. 2 (port 2) could receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax mode (2RX) < **Radio 3** >

Ant. 7 (port 1) and Ant. 8 (port 2) could receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax/be mode(2TX/2RX) < **Radio 2** >

Ant. 3 (port 1) and Ant. 4 (port 2) could receive simultaneously.

For IEEE 802.11 a/n/ac/ax mode (2RX) < **Radio 3** >

Ant. 7 (port 1) and Ant. 8 (port 2) could receive simultaneously.

For 6GHz function:

For IEEE 802.11 ax/be mode(2TX/2RX) < **Radio 2** >

Ant. 5 (port 1) and Ant. 6 (port 2) could receive simultaneously.

For IEEE 802.11 ax mode (2RX) < **Radio 3** >

Ant. 7 (port 1) and Ant. 8 (port 2) could receive simultaneously.

Note 1: Directional gain information

	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$

**1.1.3 EUT Information**

Operational Condition			
EUT Power Type	From AC Adapter / PoE		
EUT Function	☒	Indoor Access Point	☐ Subordinate
	☐	Indoor Client	☐ Standard Power Access Point
	☐	Dual Client	☐ Standard Client
	☐	Fixed Client	
Beamforming Function	☒	With beamforming	☐ Without beamforming
Resource Unit	☒	Full RU	☐ Partial RU
	☐	MRU(static preamble puncturing)	☐ MRU(dynamic preamble puncturing)
Channel Puncturing	☐	Support	☒ Not support
Software / Firmware Version for CBP		Linux version 5.4.213 (pan@S103588PC-Ubuntu) (gcc version 7.5.0 (OpenWrt GCC 7.5.0 r12862-761d5609b)) #0 SMP PREEMPT Fri Oct 25 00:57:49 2024	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:	...	
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
☐	Other:		

Note: The above information was declared by manufacturer.

1.1.4 Table for Multiple Listing

Model Name	Description
AP340	The difference between AP340 and 140 is that AP340 have a RX scanning radio.
AP140	

Note: The model AP340 was measured during the test.

**1.1.5 Mode Test Duty Cycle****Non-Beamforming**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) _1/T
802.11be EHT20_Nss1,(MCS0)_2TX	0.998	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.998	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_2TX	0.998	0.01	5.463m	10Hz (DC>=0.98)

Beamforming

Mode	DC	DCF (dB)	T (s)	VBW (Hz) _1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.938	0.28	2.944m	500
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.939	0.27	3.663m	300
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.951	0.22	3.841m	300
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.939	0.27	3.841m	300
802.11be EHT320-BF_Nss1,(MCS0)_2TX	0.858	0.67	3.931m	300



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
- ♦ ANSI C63.10-2013
- ♦ FCC KDB 789033 D02 v02r01

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

- ♦ KDB 987594 D01 v03r01
- ♦ KDB 987594 D02 v03
- ♦ KDB 662911 D01 v02r01
- ♦ KDB 412172 D01 v01r01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CON04-HY	Daniel Lin	22.5~25.4°C / 52~55%	28/Mar/2025
RF Conducted	TH07-HY	Yuna Lin	22.5~22.9°C / 47~52%	22/Mar/2025~20/May/2025
Radiated	03CH02-HY	Vasari Huang	19.5~23.8°C / 48~55%	05/May/2025~08/May/2025
Radiated (Co-location)	03CH03-HY	Simon Cheng	21.1~24.2°C / 55~59%	15/Mar/2025
Contention Based Protocol	DFS01-HY	Wayne Lin	21.6~23.8°C / 57~59%	11/Mar/2025~12/Mar/2025
☐ Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			

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
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Emission Bandwidth	1.5 MHz	Confidence levels of 95%
Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	1.2 dB	Confidence levels of 95%
Peak Power Spectral Density (E.I.R.P.)	1.2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Contention-Based Protocol	1 ms	Confidence levels of 95%
Frequency Stability	1.18 ppm	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Non-Beamforming

Test Software Version	qdart_conn.win.1.0_installer_00099
------------------------------	------------------------------------

Mode	Power Setting
802.11be EHT20_Nss1,(MCS0)_2TX	-
5955MHz	11
6195MHz	10.5
6415MHz	10.5
6435MHz	10.5
6475MHz	10
6515MHz	10
6535MHz	9.5
6695MHz	10.5
6875MHz	11.5
6895MHz	11
6995MHz	10.5
7095MHz	11.5
7115MHz	3
802.11be EHT40_Nss1,(MCS0)_2TX	-
5965MHz	12.5
6205MHz	12.5
6405MHz	13
6445MHz	12.5
6485MHz	12.5
6525MHz	12.5
6565MHz	12.5
6685MHz	13.5
6885MHz	13
6925MHz	13
7005MHz	13
7085MHz	14
802.11be EHT80_Nss1,(MCS0)_2TX	-
5985MHz	16
6225MHz	15.5
6385MHz	16
6465MHz	16
6545MHz	15.5
6625MHz	15



6705MHz	16.5
6785MHz	16
6865MHz	16
6945MHz	16
7025MHz	16.5
802.11be EHT160_Nss1,(MCS0)_2TX	-
6025MHz	19
6185MHz	18.5
6345MHz	19
6505MHz	19
6665MHz	19.5
6825MHz	19.5
6985MHz	19
802.11be EHT320_Nss1,(MCS0)_2TX	-
6105MHz	20
6265MHz	19
6425MHz	19
6585MHz	19
6745MHz	19
6905MHz	19

Beamforming

Test Software Version	PutTY Release 0.62
------------------------------	--------------------

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5955MHz	15
6195MHz	15
6415MHz	12
6435MHz	13
6475MHz	13
6515MHz	13
6535MHz	12
6695MHz	13
6875MHz	12
6895MHz	12
6995MHz	12
7095MHz	15
7115MHz	7
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5965MHz	20
6205MHz	18
6405MHz	14



6445MHz	16
6485MHz	16
6525MHz	14
6565MHz	15
6685MHz	16
6885MHz	15
6925MHz	16
7005MHz	16
7085MHz	16
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5985MHz	20
6225MHz	19
6385MHz	20
6465MHz	20
6545MHz	18
6625MHz	18
6705MHz	18
6785MHz	19
6865MHz	19
6945MHz	19
7025MHz	18
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
6025MHz	24
6185MHz	24
6345MHz	24
6505MHz	24
6665MHz	24
6825MHz	24
6985MHz	24
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-
6105MHz	24
6265MHz	24
6425MHz	24
6585MHz	24
6745MHz	24
6905MHz	24

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX/CRX
1	Adapter Mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Contention Based Protocol Frequency Stability
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests			
Tests Item	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.) Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX/CRX		
1	Adapter Mode		
Operating Mode > 1GHz	CTX/CRX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT			V

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Radio 1(2.4G) + Radio 2(5G) + Radio 2(6G)
Refer to Sporton Test Report No.: FA421504-01 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

Reminder: Regarding to more detail and other information, please refer to user manual.



2.3 Accessories

Accessories					
Bracket	Brand Name	Dragonjet	Part Number	6301A6543000	

Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

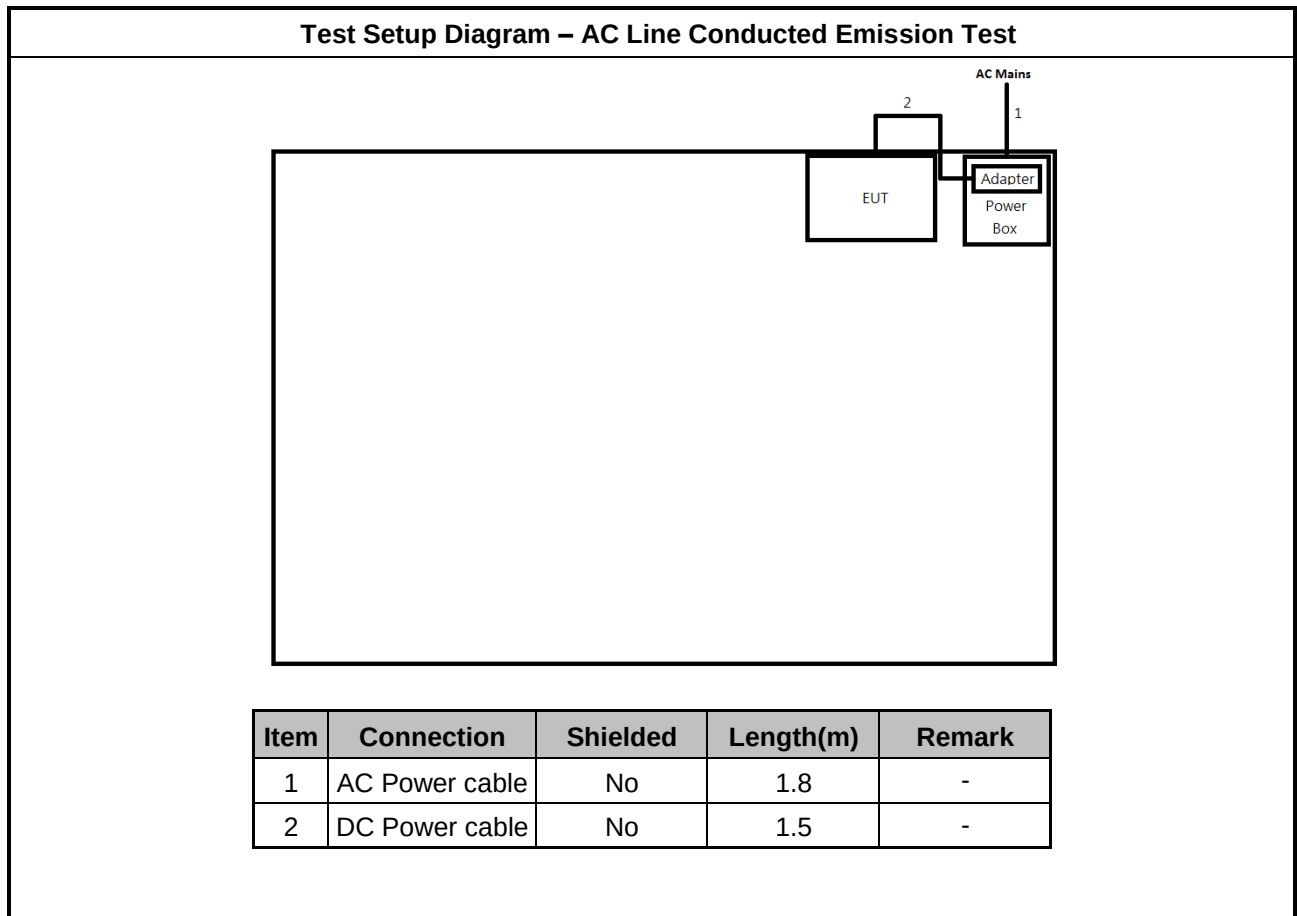
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC adapter	ASIAN	WA-30P12R	-	Provided by Customer

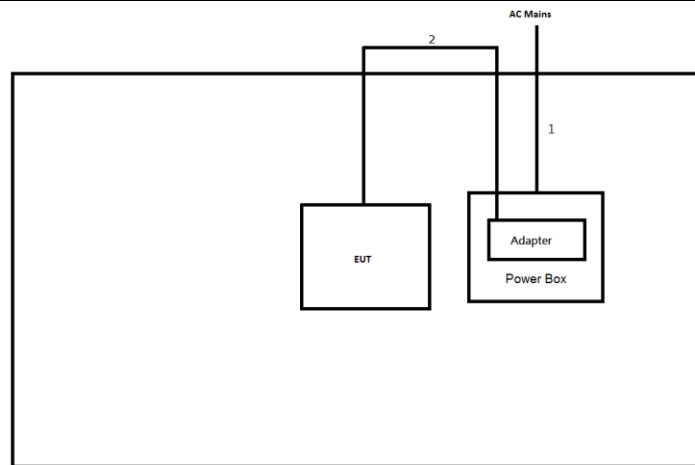
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	AC Adapter	ASIAN	WA-30P12R	-	Provided by Customer

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC adapter	ASIAN	WA-30P12R	-	Provided by Customer
2	RJ-45 Cable	Power sync	CLN7VAF0015A	-	Beamforming
3	Client	WatchGuard	AP340	-	Provided by Customer/ Remote
4	Notebook	DELL	E5410	-	Remote

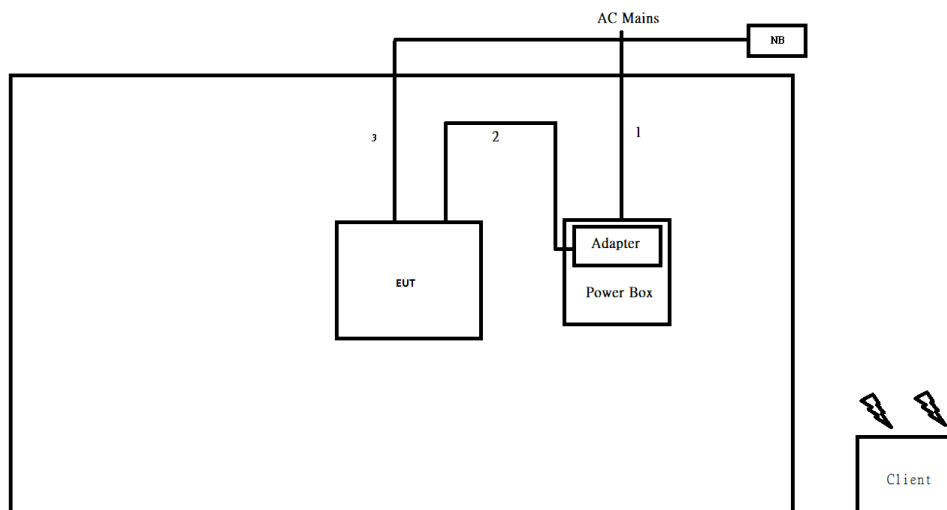
Support Equipment – Contention Based Protocol					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	Latitude E5570	-	-
2	Notebook	DELL	Latitude E5550	-	-
3	Client	WatchGuard	AP340	-	-
4	PoE	EnGenius	EPA5006GAT	-	Provided by Customer
5	PoE	Microsemi	PD-9001GR	-	-

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test (Non-Beamforming)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	DC Power Cable	No	1.5	-

Test Setup Diagram - Radiated Test (Beamforming)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	DC Power Cable	No	1.5	-
3	RJ-45 Cable	No	3.0	-



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

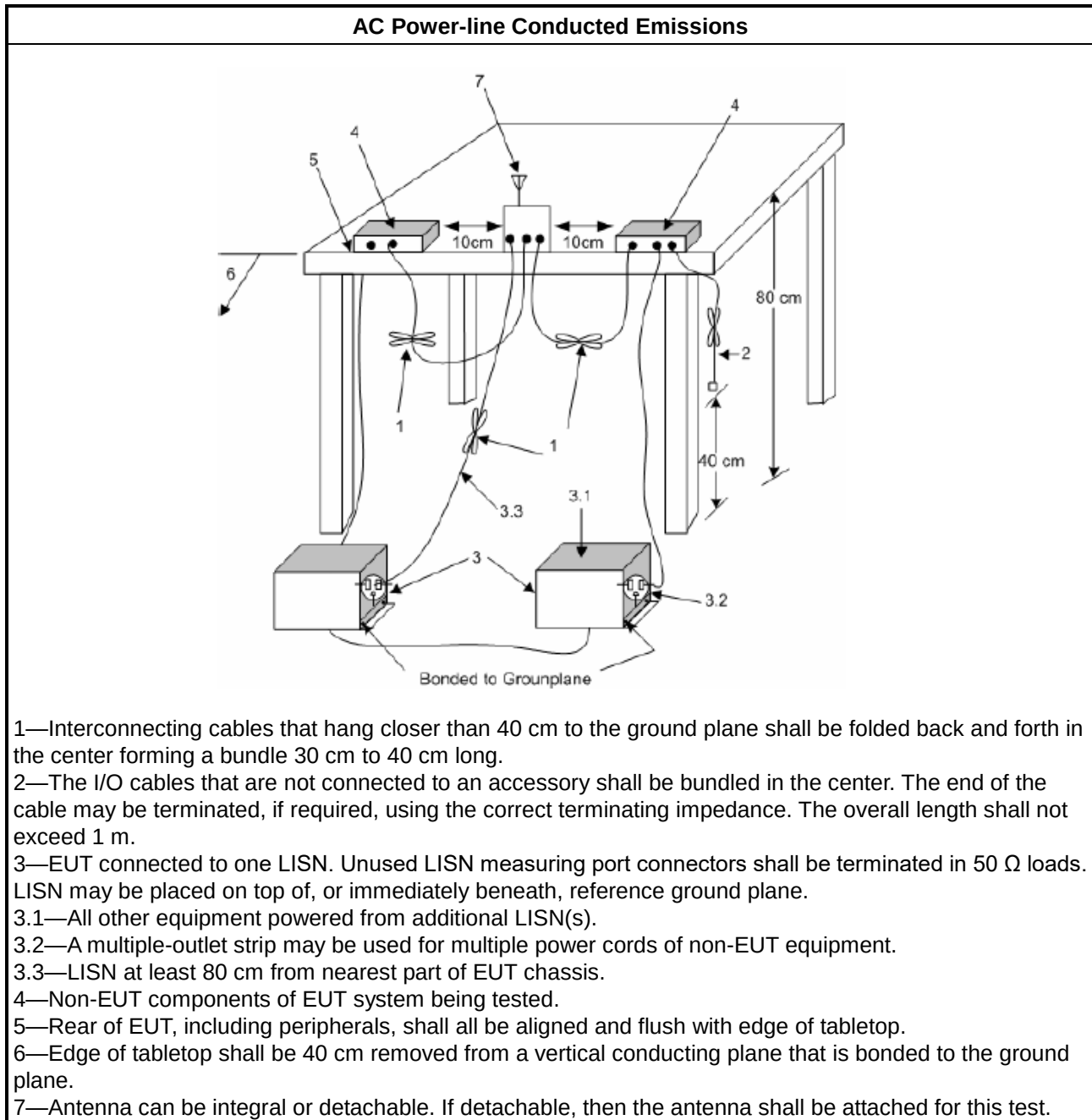
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

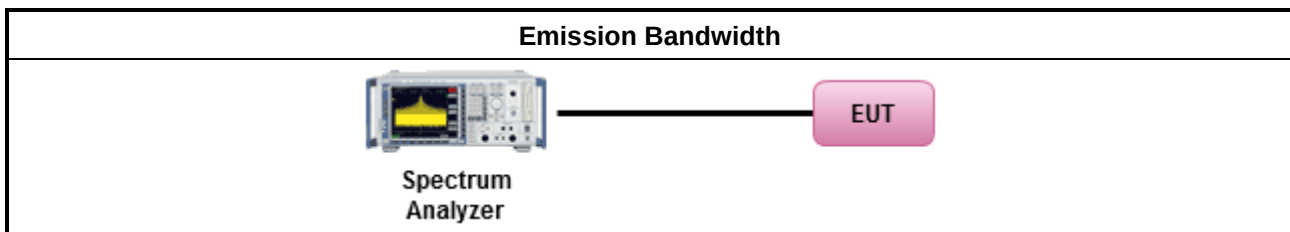
3.2.2 Measuring Instruments

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:	
☒	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



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

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

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

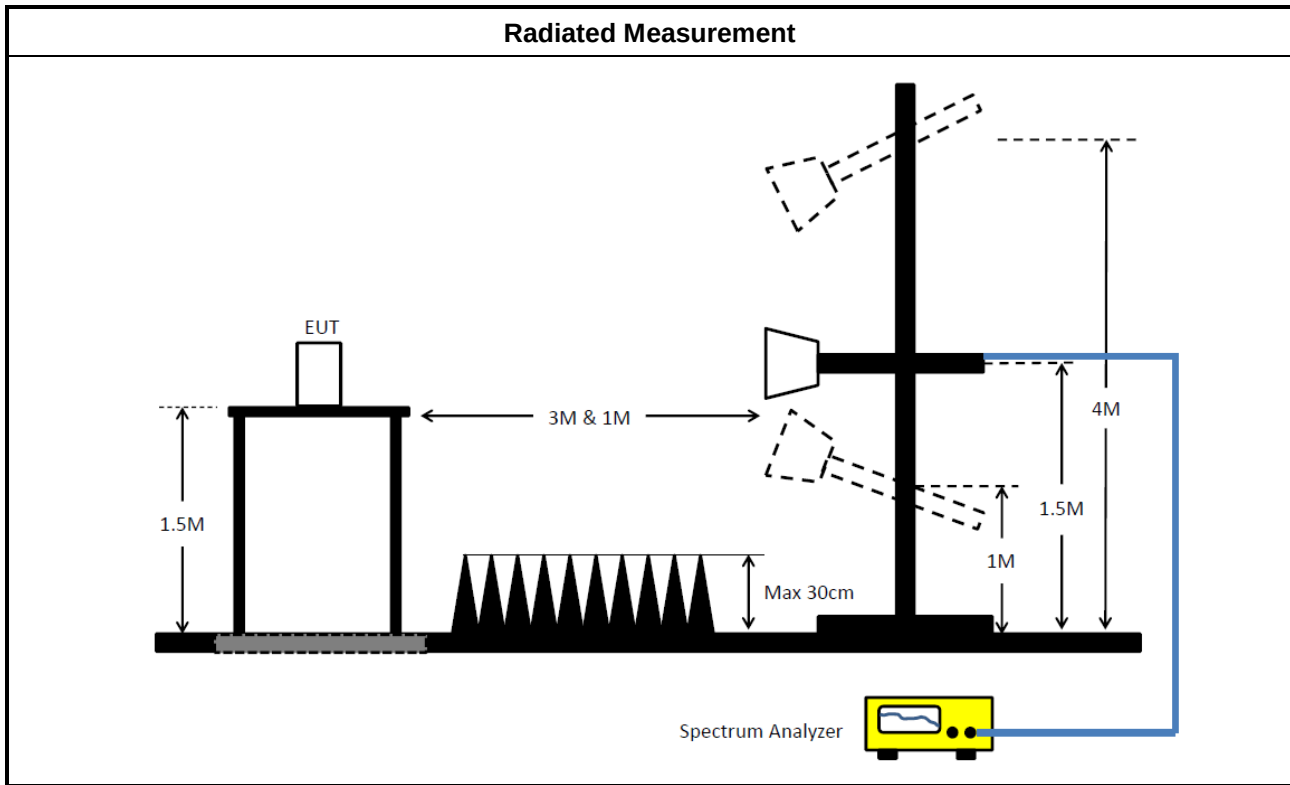
3.3.2 Measuring Instruments

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

**3.3.3 Test Procedures**

Test Method	
▪ Maximum Output Power Setting	
☐	Duty cycle $\geq 98\%$
☒	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
☐	Duty cycle $< 98\%$
☒	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off periods with duty factor	
☐	Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter).
☐ For conducted measurement.	
☐	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
☐	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☒ For radiated measurement.	
☐	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
☐	▪ Refer as FCC KDB 789033, clause II A.1.F "Antenna-port Conducted versus Radiated Testing"
☐	▪ Refer as KDB 412172, clause 2.2 for EIRP calculation.

3.3.4 Test Setup



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

Refer as Appendix C



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

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

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

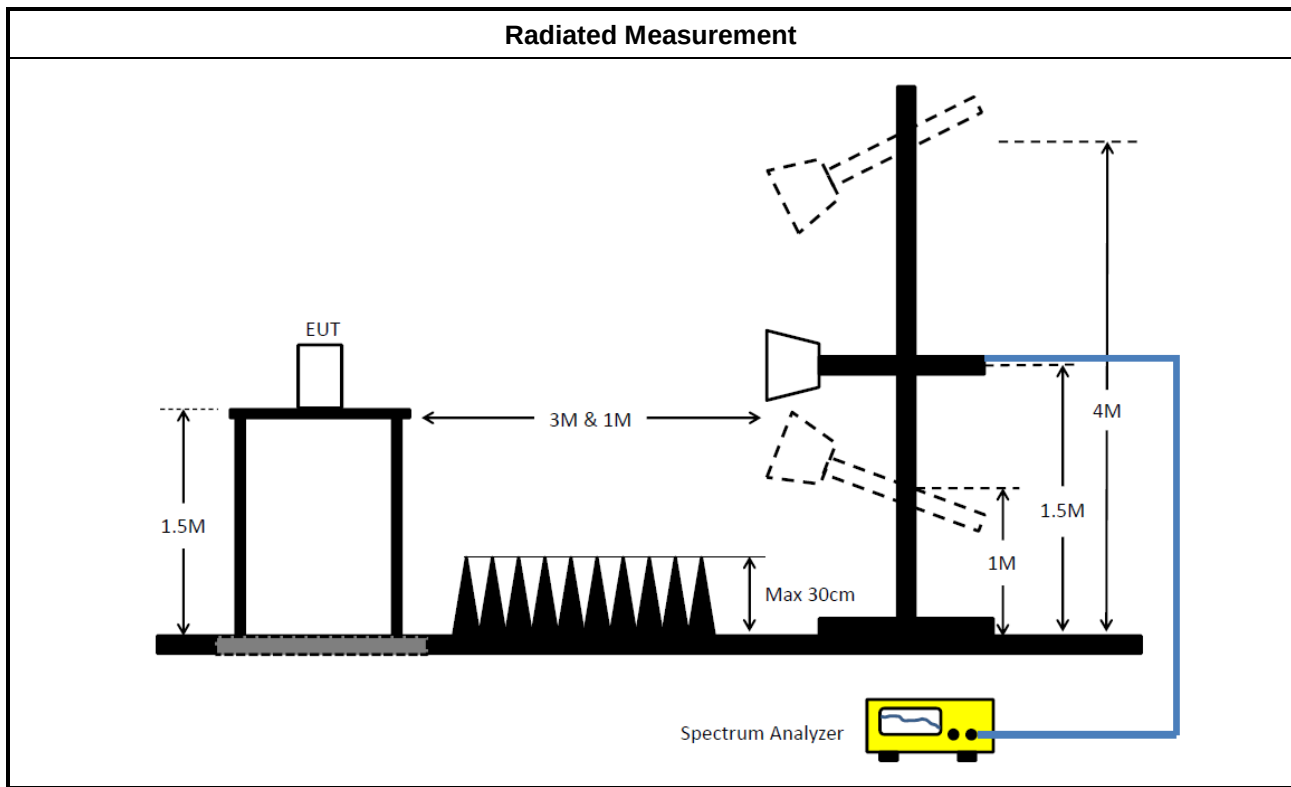
3.4.2 Measuring Instruments

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

**3.4.3 Test Procedures**

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as FCC KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
☒	Refer as FCC KDB 789033, clause E Method SA-2. (spectral trace averaging)
☒	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☐ For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☐	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	
☒ For radiated measurement.	
Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
Refer as KDB 789033, clause II A.1.F "Antenna-port Conducted versus Radiated Testing"	
Refer as KDB 412172, clause 2.2 for EIRP calculation.	

3.4.4 Test Setup



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

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

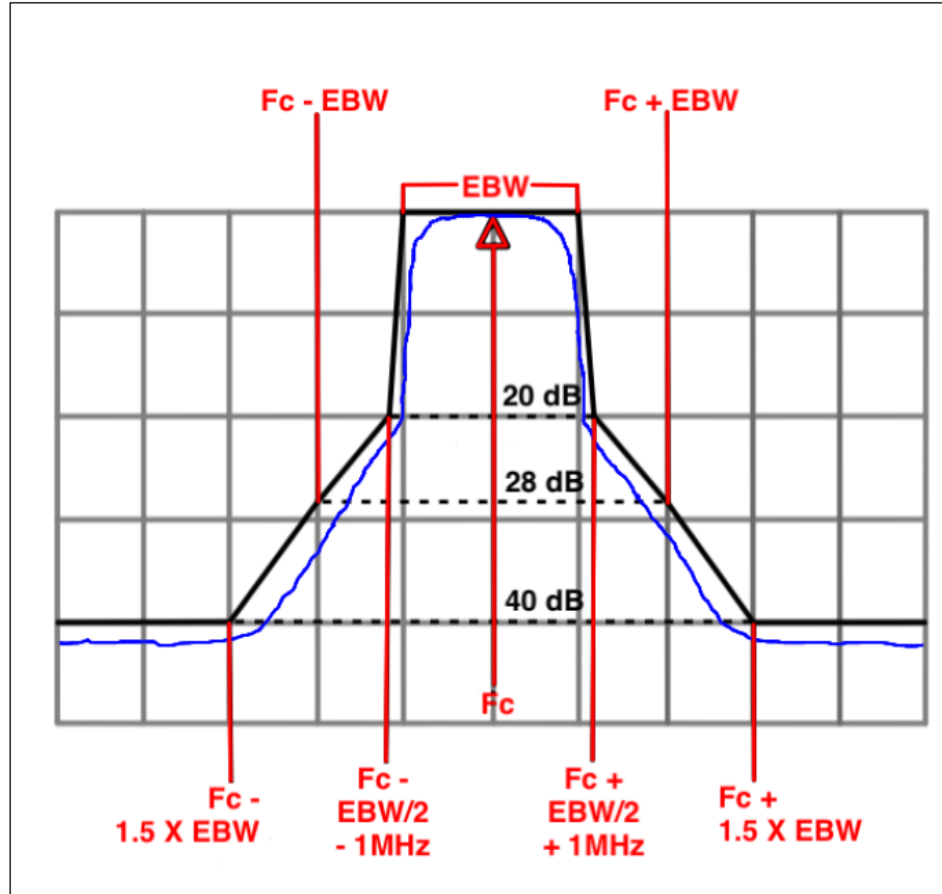
Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance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

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

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

Un-restricted band emissions above 1GHz Limit	
Frequency	Limit
Any outside the 5.945 – 7.125 GHz emission	e.i.r.p. -27 dBm [68.2 dBuV/m@3m] Note 1: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$). EX. Above 18GHz emission limit calculation (3m to 1m) = 68.2dBuV/m at 3m + 9.54dB = 77.74 dBuV/m at 1m.
Frequency	Emission MASK Limit
5.945 – 7.125 GHz	Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the

limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB. The channel bandwidth is defined as 26 dB EBW.





3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
	☐ Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).
	☒ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.(For restricted band average measurement)
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.
	☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
	☒ Refer as FCC KDB 789033, clause G)3)d)ii) for Band edge Integration measurements.
For emission MASK shall be measured using following options below:	
	☒ Refer as 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.	

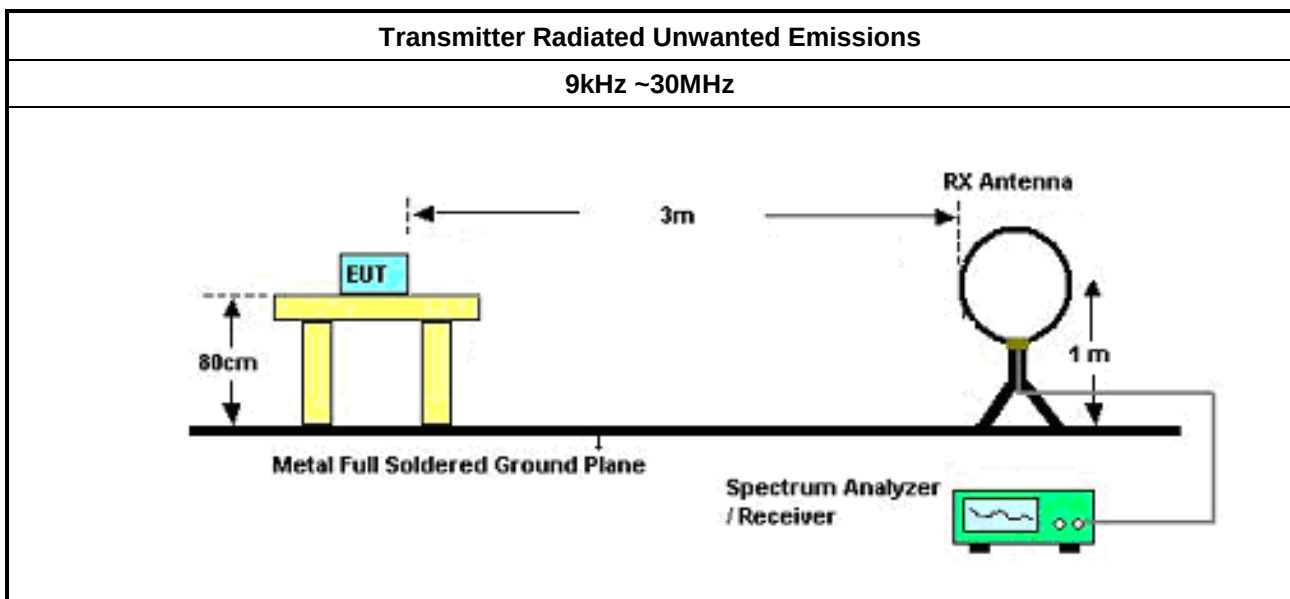
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

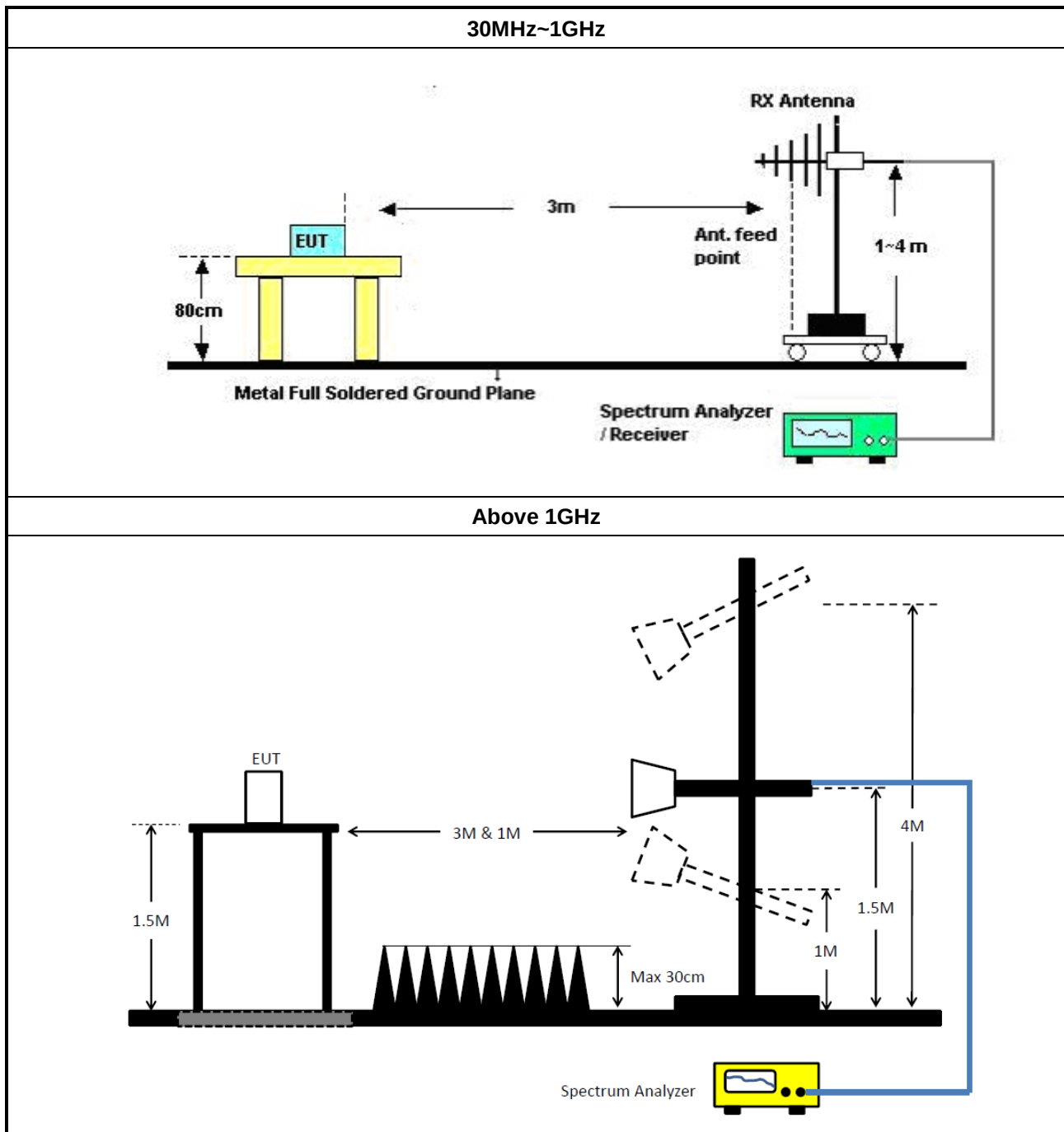
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

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.

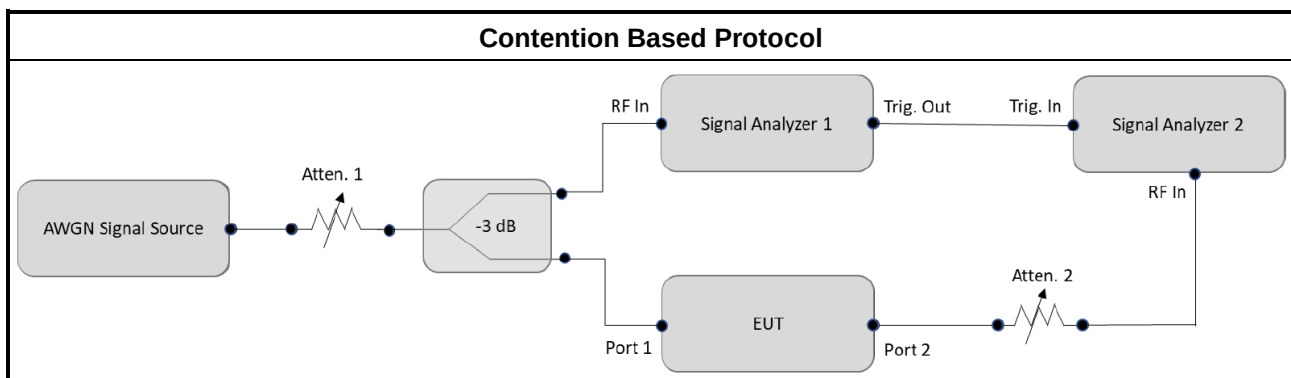
3.6.2 Measuring Instruments

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 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 for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	102051	9kHz ~ 3.6GHz	17/May/2024	16/May/2025
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101578	9kHz ~ 30MHz	11/Oct/2024	10/Oct/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	26/Feb/2025	25/Feb/2026
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	17/Oct/2024	16/Oct/2025
Software	Sporton	SENSE-EMI	V5.11.3	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	23/Jan/2025	22/Jan/2026
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	18/Dec/2024	17/Dec/2025
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	18/Dec/2024	17/Dec/2025
SENSE-15407_NII	Sporton	V5.11.23	N/A	N/A	N/A	N/A

Instrument for Radiated Test (03CH03-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	14/Jul/2024	13/Jul/2025
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	01/Nov/2024	31/Oct/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	18/Oct/2024	17/Oct/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	04/Jun/2024	03/Jun/2025
RF CABLE 5+8m	HUBER+SUHNER	SUOFLEX_104	03CH03-cable-03	1GHz~40GHz	19/Feb/2025	20/Feb/2026
Microwave Premplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	25/Jul/2024	24/Jul/2025
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	19/Apr/2024	18/Apr/2025
SENSE-EMI	Sporton	V5.11.9	NA	NA	NA	NA

**Instrument for Radiated Test (03CH02-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
N.S.A. Measurement	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3M	14/Jul/2024	13/Jul/2025
Site V.S.W.R	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3M	14/Jul/2024	13/Jul/2025
EMI Test Receiver	R&S	ESR	102318	9kHz~3.6GHz	06/Dec/2024	05/Dec/2025
Signal Analyzer	R&S	FSP 40	100593	9kHz~40GHz	26/Mar/2025	25/Mar/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723/2	30MHz~1GHz	26/Aug/2024	25/Aug/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2024	22/Sep/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/2025
RF Cable	MVE	400LL+SN 200207	03CH02-cable -02	9kHz~30MHz	26/Nov/2024	25/Nov/2025
RF Cable	MVE	400LL+SN 200207	03CH02-cable -02	30MHz~1GHz	26/Nov/2024	25/Nov/2025
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable -01	1GHz~40GHz	13/Feb/2025	12/Feb/2026
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2024	28/Jun/2025
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	01/Oct/2024	30/Sep/2025
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~40GHz	26/Apr/2025	25/Apr/2026
SENSE-15407-NII	Sporton	V5.11.23	N/A	N/A	N/A	N/A

Instrument for Contention-Based Protocol Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSU	100203	9kHz ~ 26GHz	14/May/2024	13/May/2025
Vector Signal Generator	Keysight	N5182B	MY53051912	9kHz~6GHz	06/Mar/2025	05/Mar/2026
Signal Generator	Keysight	N5171B	MY53051240	9kHz~6GHz	27/Nov/2024	26/Nov/2025
DFS-Adaptivity	Sporton	Ver 2.11	N/A	N/A	N/A	N/A
Adaptivity Analysis-5G	Sporton	Ver 2.10	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline

Appendix A

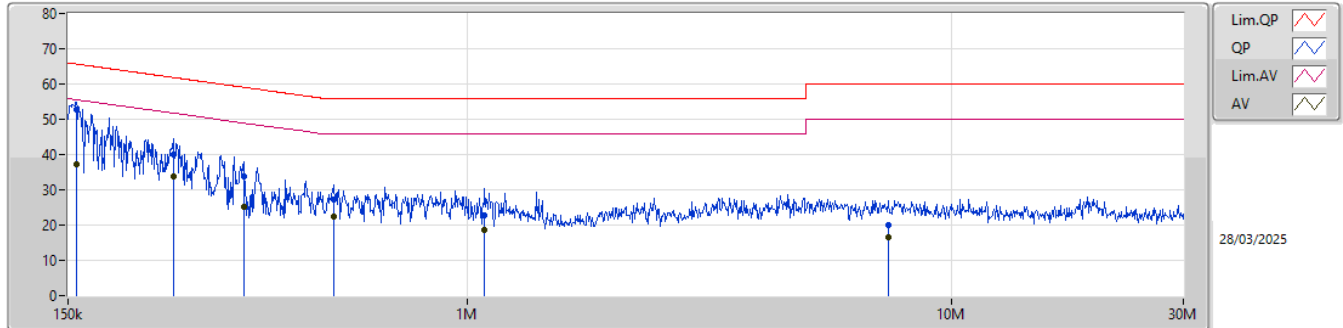
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	156.109k	52.81	65.67	-12.86	Line

Result

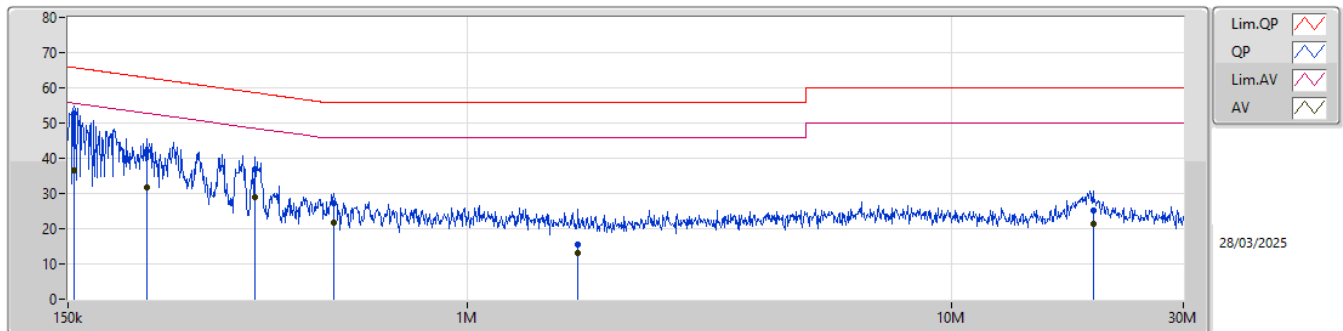
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	156.109k	52.81	65.67	-12.86	Line
Mode 1	Pass	AV	156.109k	37.13	55.67	-18.54	Line
Mode 1	Pass	QP	247.062k	39.92	61.85	-21.93	Line
Mode 1	Pass	AV	247.062k	33.64	51.85	-18.21	Line
Mode 1	Pass	QP	345.491k	33.74	59.08	-25.34	Line
Mode 1	Pass	AV	345.491k	25.16	49.08	-23.92	Line
Mode 1	Pass	QP	531.714k	27.17	56.00	-28.83	Line
Mode 1	Pass	AV	531.714k	22.53	46.00	-23.47	Line
Mode 1	Pass	QP	1.086M	22.91	56.00	-33.09	Line
Mode 1	Pass	AV	1.086M	18.57	46.00	-27.43	Line
Mode 1	Pass	QP	7.382M	19.93	60.00	-40.07	Line
Mode 1	Pass	AV	7.382M	16.69	50.00	-33.31	Line
Mode 1	Pass	QP	154.251k	52.82	65.77	-12.95	Neutral
Mode 1	Pass	AV	154.251k	36.49	55.77	-19.28	Neutral
Mode 1	Pass	QP	218.303k	42.08	62.88	-20.80	Neutral
Mode 1	Pass	AV	218.303k	31.71	52.88	-21.17	Neutral
Mode 1	Pass	QP	365.35k	36.83	58.60	-21.77	Neutral
Mode 1	Pass	AV	365.35k	28.94	48.60	-19.66	Neutral
Mode 1	Pass	QP	529.596k	27.10	56.00	-28.90	Neutral
Mode 1	Pass	AV	529.596k	21.61	46.00	-24.39	Neutral
Mode 1	Pass	QP	1.692M	15.40	56.00	-40.60	Neutral
Mode 1	Pass	AV	1.692M	13.08	46.00	-32.92	Neutral
Mode 1	Pass	QP	19.553M	25.25	60.00	-34.75	Neutral
Mode 1	Pass	AV	19.553M	21.21	50.00	-28.79	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	156.109k	52.81	65.67	-12.86	20.01	Line	-	32.80	10.03	0.01	9.97						
AV	156.109k	37.13	55.67	-18.54	20.01	Line	-	17.12	10.03	0.01	9.97						
QP	247.062k	39.92	61.85	-21.93	19.66	Line	-	20.26	9.67	0.02	9.97						
AV	247.062k	33.64	51.85	-18.21	19.66	Line	-	13.98	9.67	0.02	9.97						
QP	345.491k	33.74	59.08	-25.34	19.95	Line	-	13.79	9.94	0.03	9.98						
AV	345.491k	25.16	49.08	-23.92	19.95	Line	-	5.21	9.94	0.03	9.98						
QP	531.714k	27.17	56.00	-28.83	20.06	Line	-	7.11	10.04	0.04	9.98						
AV	531.714k	22.53	46.00	-23.47	20.06	Line	-	2.47	10.04	0.04	9.98						
QP	1.086M	22.91	56.00	-33.09	19.84	Line	-	3.07	9.81	0.05	9.98						
AV	1.086M	18.57	46.00	-27.43	19.84	Line	-	-1.27	9.81	0.05	9.98						
QP	7.382M	19.93	60.00	-40.07	19.84	Line	-	0.09	9.68	0.18	9.98						
AV	7.382M	16.69	50.00	-33.31	19.84	Line	-	-3.15	9.68	0.18	9.98						

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	154.251k	52.82	65.77	-12.95	19.98	Neutral	-	32.84	10.00	0.01	9.97						
AV	154.251k	36.49	55.77	-19.28	19.98	Neutral	-	16.51	10.00	0.01	9.97						
QP	218.303k	42.08	62.88	-20.80	19.83	Neutral	-	22.25	9.85	0.01	9.97						
AV	218.303k	31.71	52.88	-21.17	19.83	Neutral	-	11.88	9.85	0.01	9.97						
QP	365.35k	36.83	58.60	-21.77	19.99	Neutral	-	16.84	9.98	0.03	9.98						
AV	365.35k	28.94	48.60	-19.66	19.99	Neutral	-	8.95	9.98	0.03	9.98						
QP	529.596k	27.10	56.00	-28.90	20.06	Neutral	-	7.04	10.04	0.04	9.98						
AV	529.596k	21.61	46.00	-24.39	20.06	Neutral	-	1.55	10.04	0.04	9.98						
QP	1.692M	15.40	56.00	-40.60	19.73	Neutral	-	-4.33	9.73	0.03	9.97						
AV	1.692M	13.08	46.00	-32.92	19.73	Neutral	-	-6.65	9.73	0.03	9.97						
QP	19.553M	25.25	60.00	-34.75	20.03	Neutral	-	5.22	9.77	0.28	9.98						
AV	19.553M	21.21	50.00	-28.79	20.03	Neutral	-	1.18	9.77	0.28	9.98						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	22.385M	19.04M	19M0D1D	21.01M	18.991M
802.11be EHT40_Nss1,(MCS0)_2TX	43.89M	38.081M	38M1D1D	42.35M	37.931M
802.11be EHT80_Nss1,(MCS0)_2TX	89.1M	77.761M	77M8D1D	84.04M	77.561M
802.11be EHT160_Nss1,(MCS0)_2TX	172.92M	156.922M	157MD1D	166.32M	156.522M
802.11be EHT320_Nss1,(MCS0)_2TX	340.56M	316.642M	317MD1D	330.88M	315.442M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	22.33M	19.09M	19M1D1D	21.67M	18.991M
802.11be EHT40_Nss1,(MCS0)_2TX	44.55M	38.031M	38M0D1D	42.02M	37.981M
802.11be EHT80_Nss1,(MCS0)_2TX	89.76M	77.761M	77M8D1D	87.56M	77.561M
802.11be EHT160_Nss1,(MCS0)_2TX	169.84M	157.121M	157MD1D	166.76M	156.922M
802.11be EHT320_Nss1,(MCS0)_2TX	337.04M	316.642M	317MD1D	332.64M	315.442M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	22.55M	19.14M	19M1D1D	21.505M	19.04M
802.11be EHT40_Nss1,(MCS0)_2TX	43.78M	38.031M	38M0D1D	42.02M	37.931M
802.11be EHT80_Nss1,(MCS0)_2TX	89.98M	77.761M	77M8D1D	85.14M	77.561M
802.11be EHT160_Nss1,(MCS0)_2TX	173.8M	157.121M	157MD1D	168.96M	156.722M
802.11be EHT320_Nss1,(MCS0)_2TX	336.16M	316.642M	317MD1D	330M	315.442M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	22.715M	19.09M	19M1D1D	21.67M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	45.43M	38.131M	38M1D1D	41.8M	37.881M
802.11be EHT80_Nss1,(MCS0)_2TX	89.32M	77.861M	77M9D1D	86.68M	77.661M
802.11be EHT160_Nss1,(MCS0)_2TX	167.2M	156.922M	157MD1D	166.76M	156.922M

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

Result

Mode	Result	Limit (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	Inf	22.11M	18.991M	21.34M	19.04M
6195MHz	Pass	Inf	21.56M	19.04M	22.385M	19.04M
6415MHz	Pass	Inf	21.01M	18.991M	22.165M	19.04M
6435MHz	Pass	Inf	21.89M	18.991M	21.67M	19.09M
6475MHz	Pass	Inf	21.78M	19.04M	22.33M	19.04M
6515MHz	Pass	Inf	21.835M	19.065M	22.11M	19.065M
6535MHz	Pass	Inf	22M	19.04M	21.505M	19.065M
6695MHz	Pass	Inf	21.67M	19.14M	22.055M	19.04M
6875MHz	Pass	Inf	22.33M	19.04M	22.55M	19.065M
6895MHz	Pass	Inf	22.055M	19.065M	21.67M	19.04M
6995MHz	Pass	Inf	21.78M	19.04M	22.715M	19.015M
7095MHz	Pass	Inf	22.55M	19.04M	21.945M	19.065M
7115MHz	Pass	Inf	21.89M	19.04M	22.275M	19.09M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	43.89M	37.981M	42.57M	38.081M
6205MHz	Pass	Inf	42.46M	37.931M	42.35M	37.981M
6405MHz	Pass	Inf	43.78M	38.031M	43.89M	37.981M
6445MHz	Pass	Inf	44.55M	38.031M	42.02M	38.031M
6485MHz	Pass	Inf	43.45M	37.981M	43.56M	37.981M
6525MHz	Pass	Inf	43.67M	37.981M	43.56M	37.981M
6565MHz	Pass	Inf	42.13M	38.031M	43.78M	38.031M
6685MHz	Pass	Inf	43.45M	38.031M	42.13M	37.931M
6885MHz	Pass	Inf	42.02M	38.031M	43.45M	37.981M
6925MHz	Pass	Inf	43.23M	37.981M	41.8M	37.881M
7005MHz	Pass	Inf	42.79M	38.031M	42.68M	38.081M
7085MHz	Pass	Inf	45.43M	38.131M	42.35M	37.981M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	86.9M	77.661M	86.68M	77.561M
6225MHz	Pass	Inf	89.1M	77.761M	84.92M	77.561M
6385MHz	Pass	Inf	84.04M	77.561M	88.66M	77.561M
6465MHz	Pass	Inf	87.78M	77.561M	87.56M	77.661M
6545MHz	Pass	Inf	89.76M	77.761M	89.1M	77.661M
6625MHz	Pass	Inf	89.54M	77.561M	88.22M	77.661M
6705MHz	Pass	Inf	88.44M	77.661M	89.98M	77.561M
6785MHz	Pass	Inf	88.66M	77.561M	88M	77.661M
6865MHz	Pass	Inf	86.68M	77.761M	85.14M	77.661M
6945MHz	Pass	Inf	89.32M	77.661M	86.68M	77.761M
7025MHz	Pass	Inf	88.22M	77.861M	87.78M	77.761M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	169.84M	156.522M	166.32M	156.722M
6185MHz	Pass	Inf	171.16M	156.922M	171.16M	156.722M
6345MHz	Pass	Inf	172.92M	156.922M	167.64M	156.922M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
6505MHz	Pass	Inf	166.76M	157.121M	169.84M	156.922M
6665MHz	Pass	Inf	173.8M	156.722M	168.96M	156.922M
6825MHz	Pass	Inf	172.04M	157.121M	169.84M	156.922M
6985MHz	Pass	Inf	166.76M	156.922M	167.2M	156.922M
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	Inf	330.88M	315.442M	332.64M	315.842M
6265MHz	Pass	Inf	340.56M	316.642M	333.52M	316.642M
6425MHz	Pass	Inf	332.64M	316.642M	337.04M	316.242M
6585MHz	Pass	Inf	335.28M	315.842M	336.16M	315.442M
6745MHz	Pass	Inf	336.16M	316.242M	334.4M	316.642M
6905MHz	Pass	Inf	330M	315.442M	332.64M	315.442M

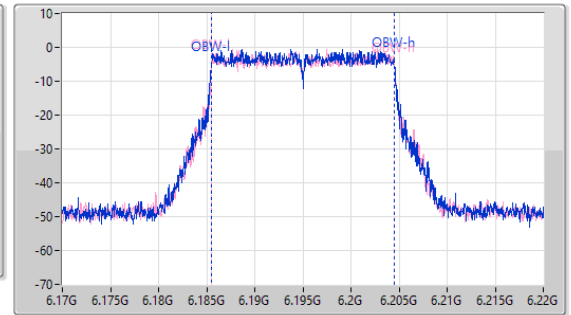
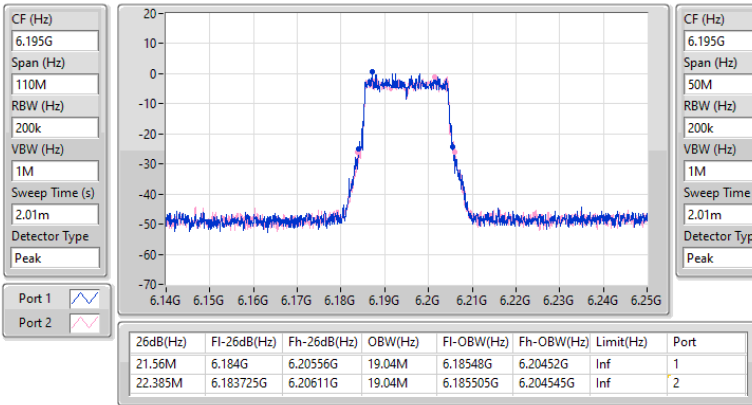
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

6195MHz

20/05/2025

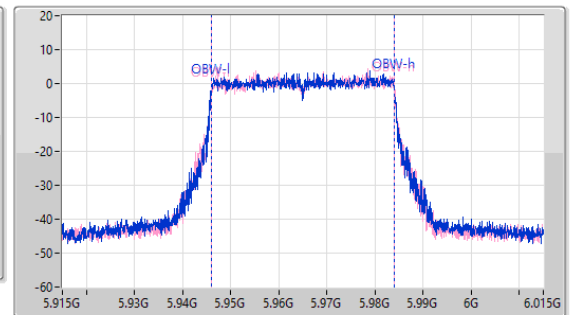
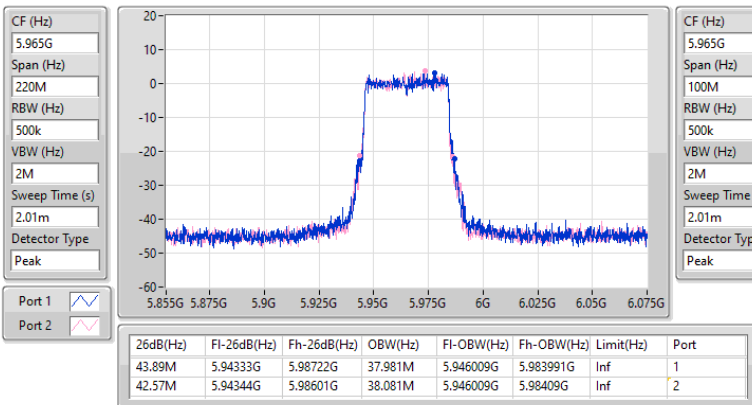


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5965MHz

20/05/2025

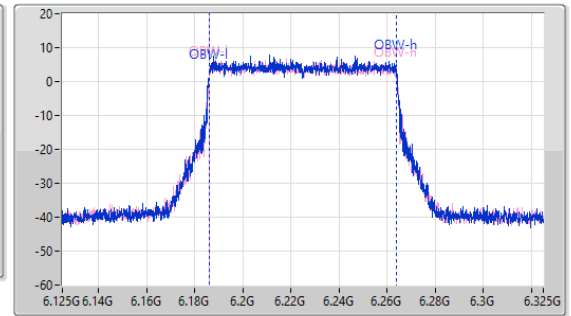
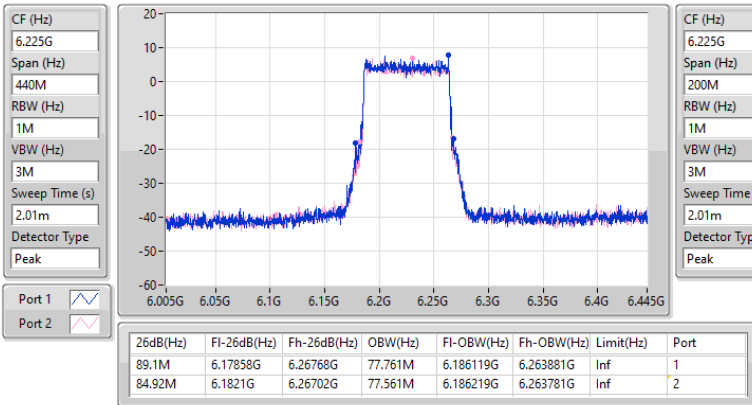


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6225MHz

20/05/2025

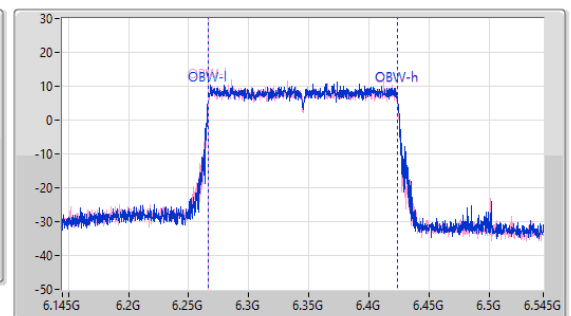
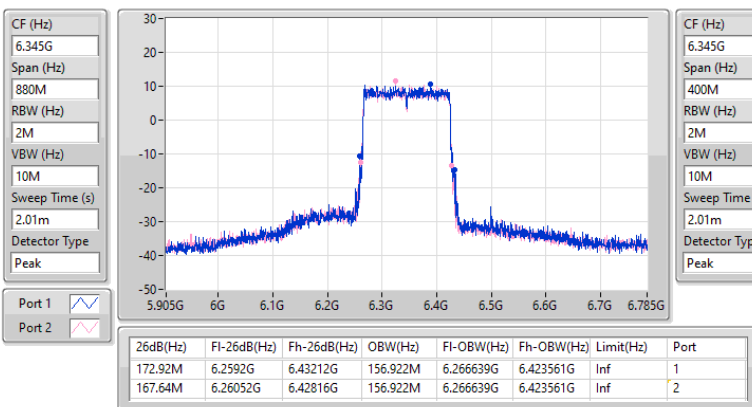


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6345MHz

20/05/2025

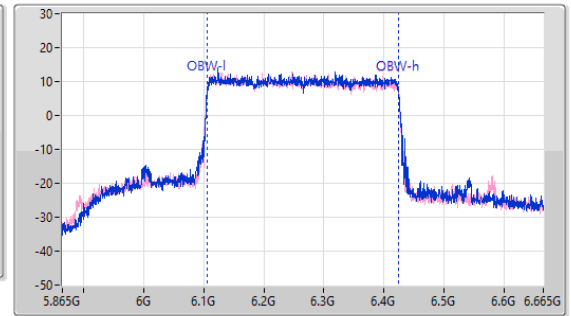
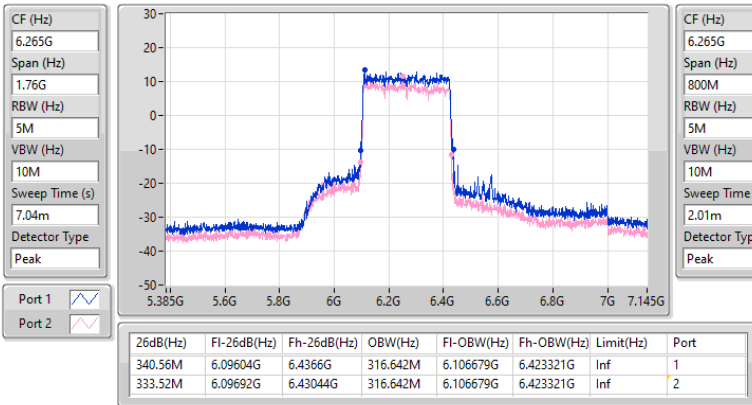


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6265MHz

20/05/2025

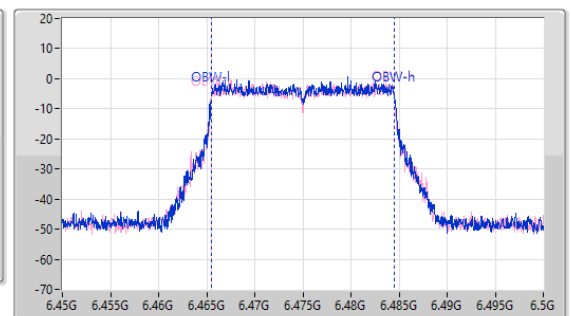
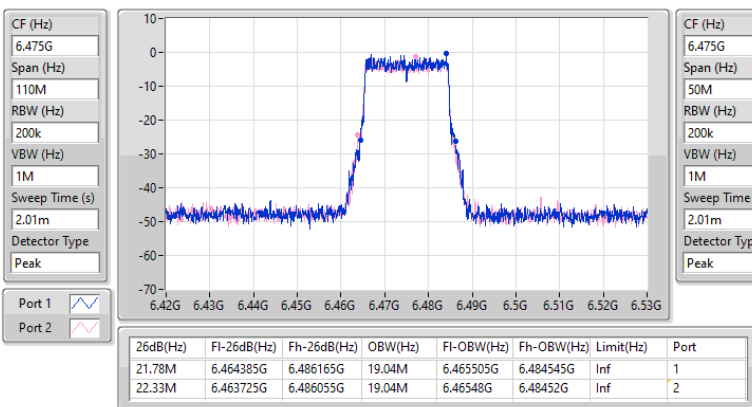


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6475MHz

20/05/2025

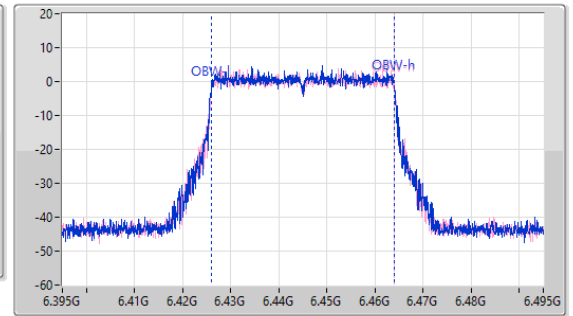
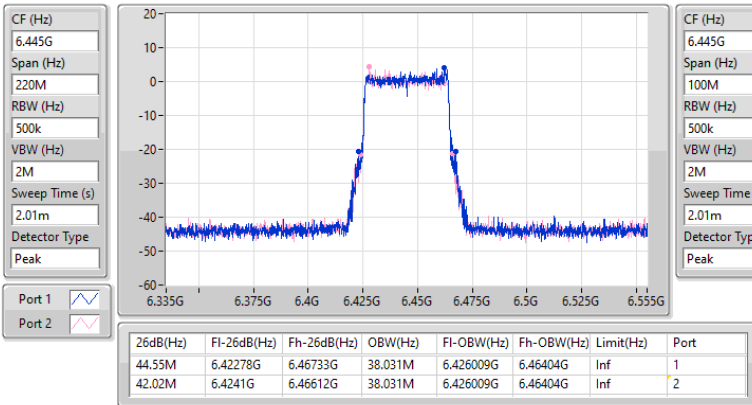


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6445MHz

20/05/2025

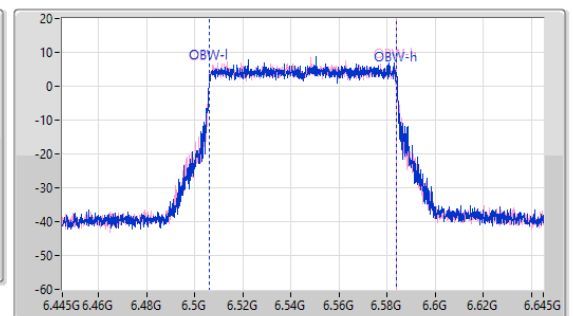
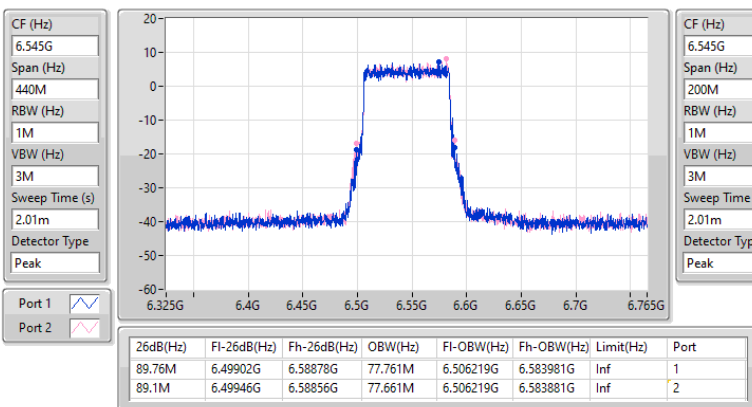


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6545MHz

20/05/2025

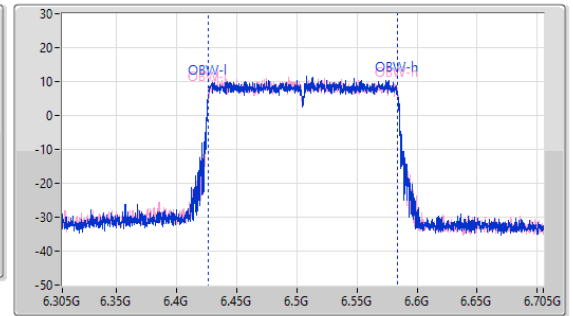
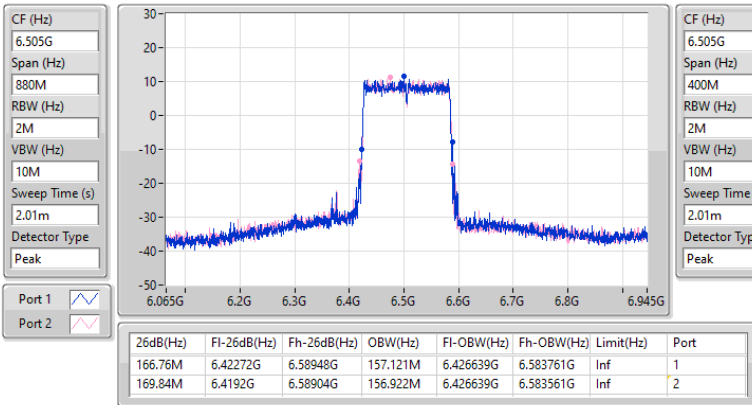


6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6505MHz

20/05/2025

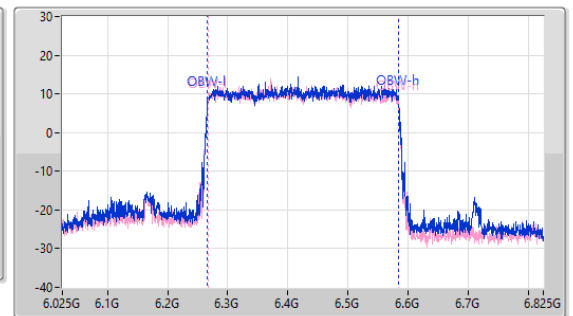
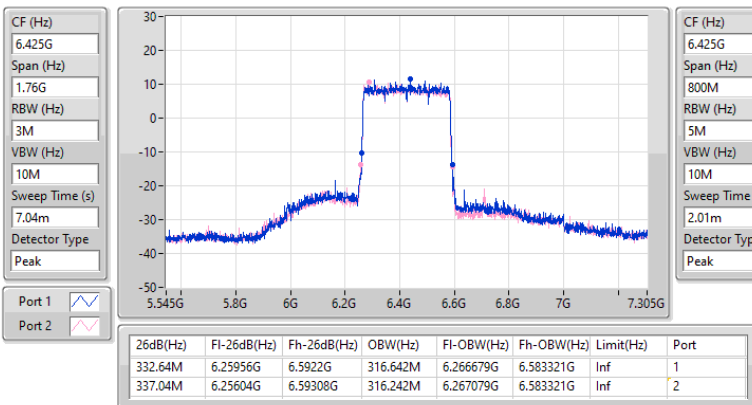


6.425-6.525GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6425MHz

20/05/2025

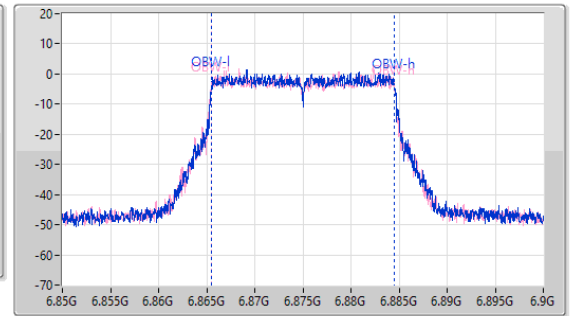
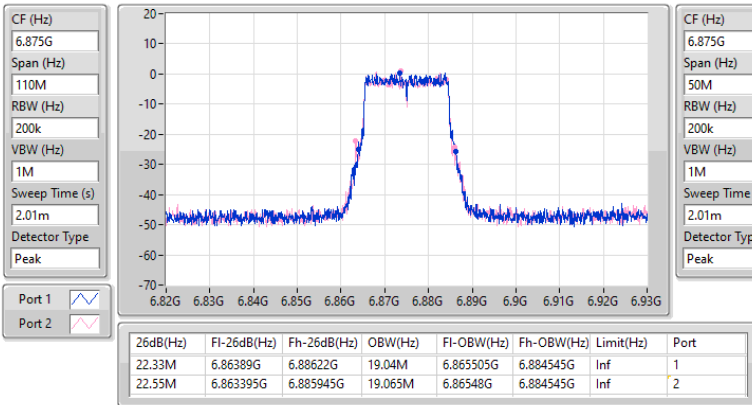


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6875MHz

20/05/2025

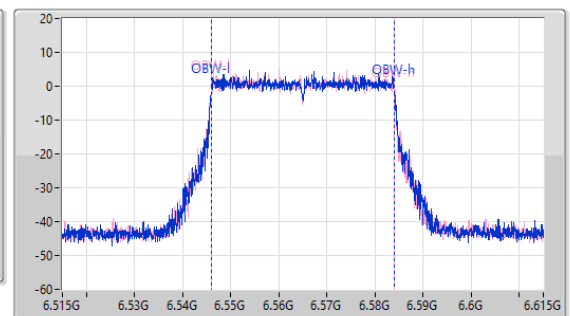
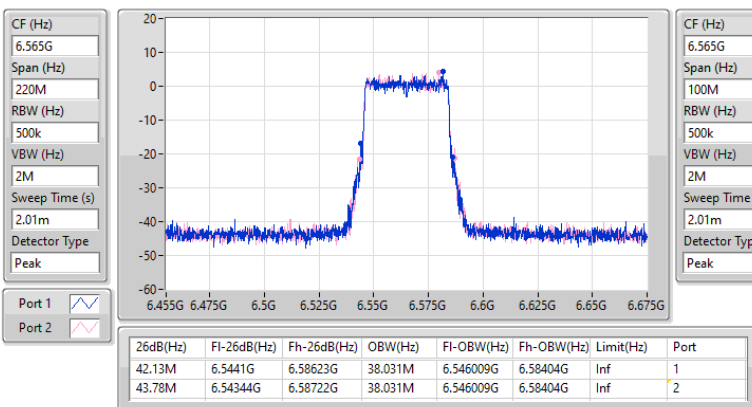


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6565MHz

20/05/2025

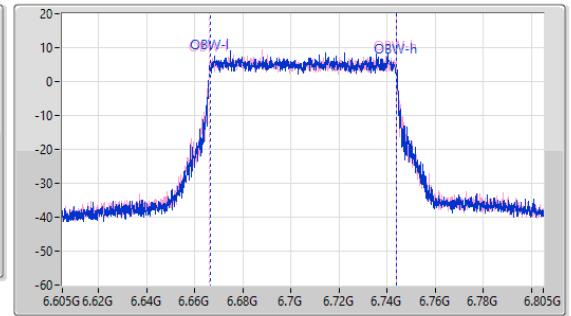
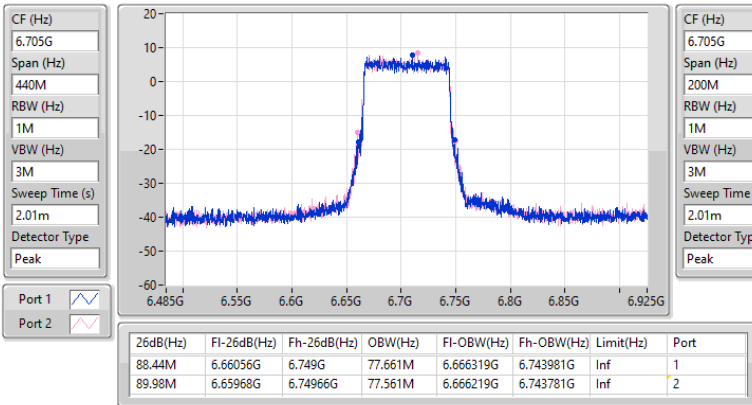


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6705MHz

20/05/2025

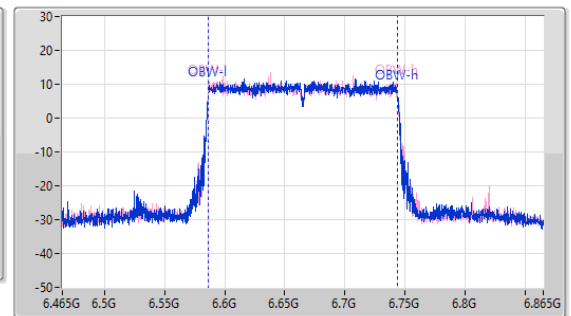
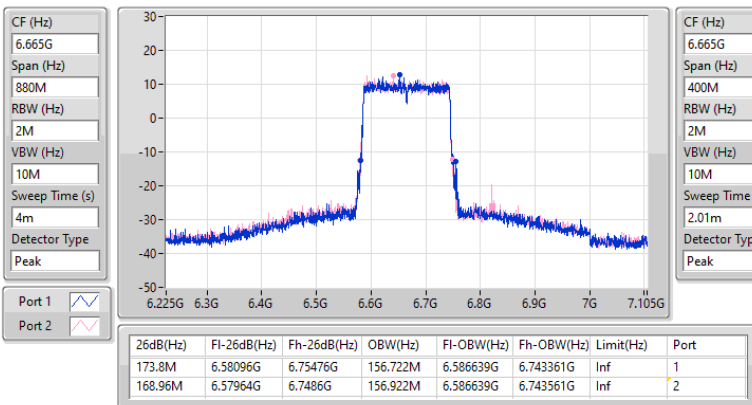


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6665MHz

20/05/2025

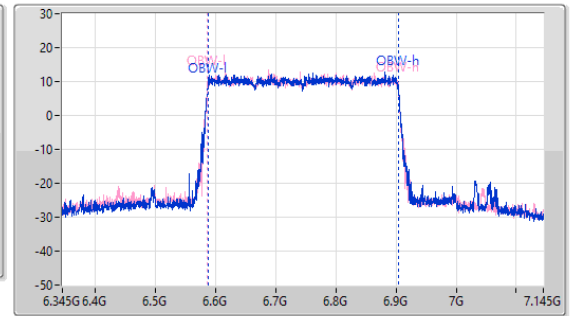
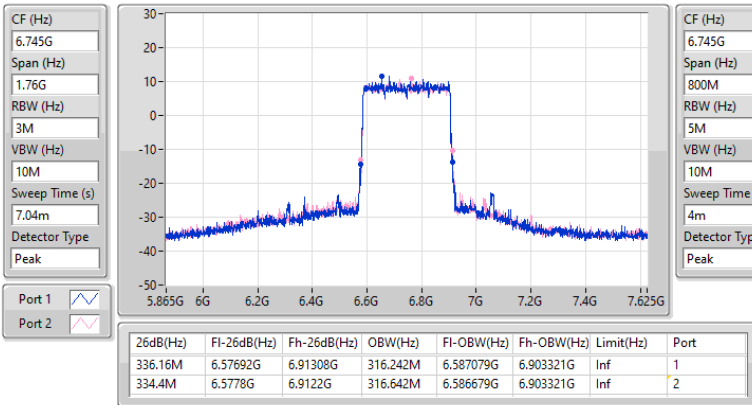


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6745MHz

20/05/2025

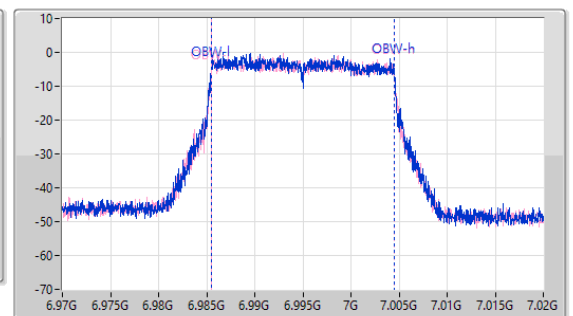
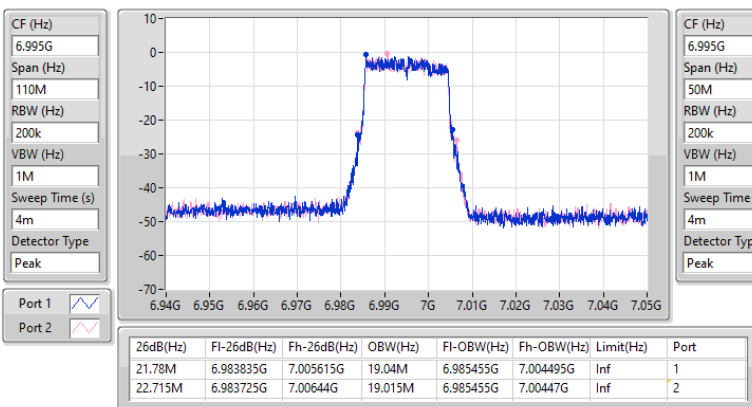


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6995MHz

20/05/2025

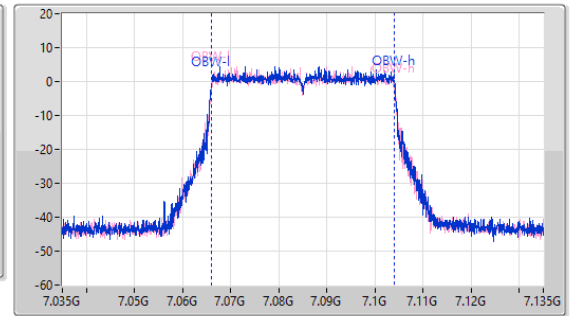
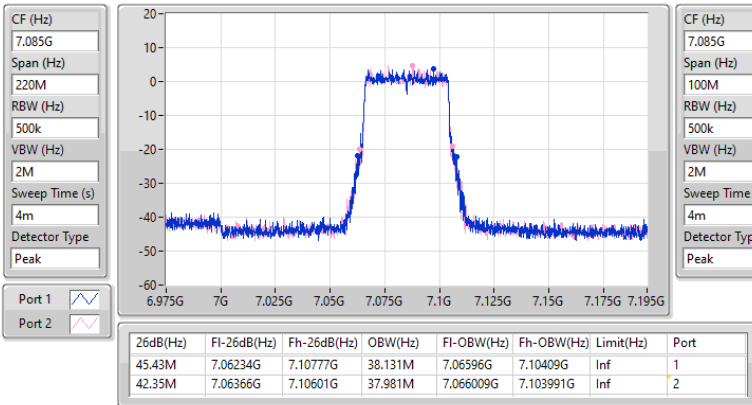


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

7085MHz

20/05/2025

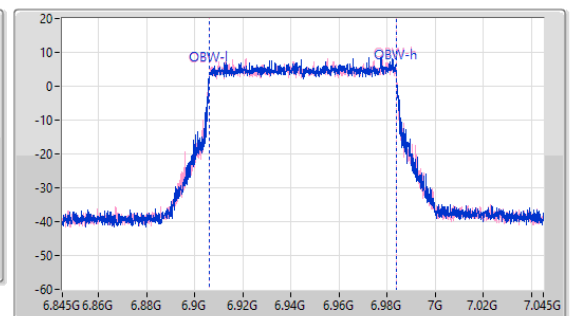
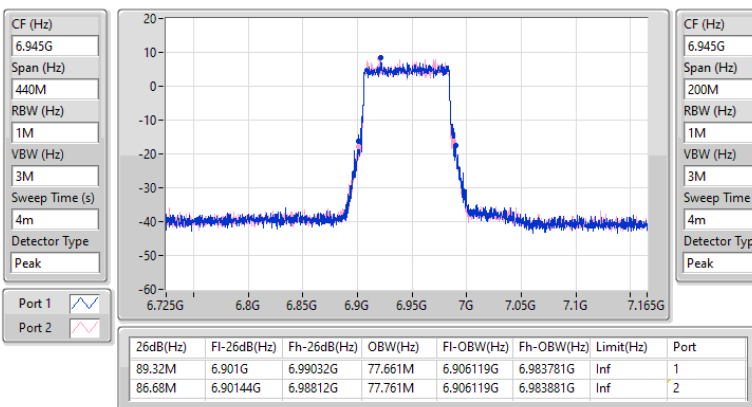


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6945MHz

20/05/2025

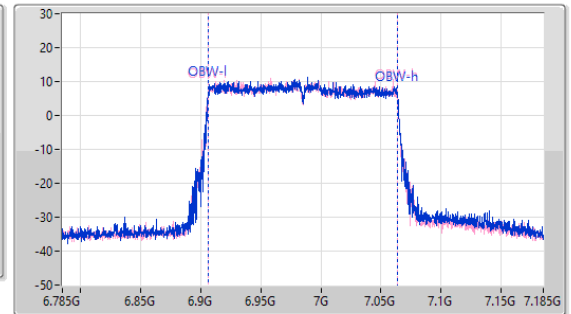
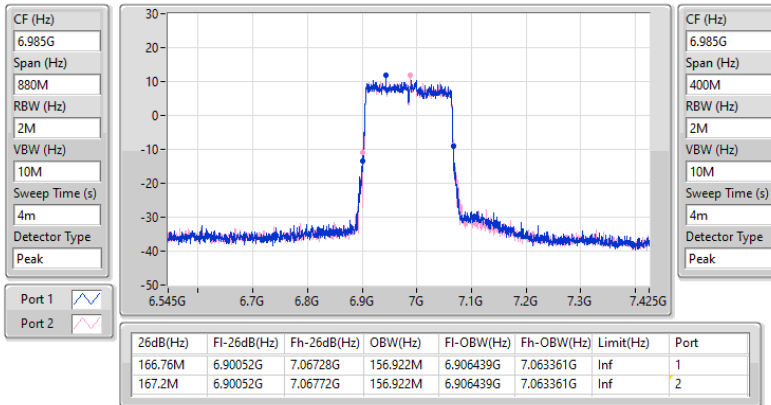


6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6985MHz

20/05/2025



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	21.89M	19.04M	19MOD1D	20.46M	18.991M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	43.12M	38.031M	38MOD1D	41.25M	37.831M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	88.22M	77.761M	77M8D1D	83.16M	77.461M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	173.36M	157.321M	157MD1D	168.52M	156.722M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	515.68M	316.642M	317MD1D	331.76M	315.042M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	21.835M	19.04M	19MOD1D	20.9M	18.991M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	43.12M	38.081M	38M1D1D	41.8M	37.931M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	88.22M	77.561M	77M6D1D	85.36M	77.561M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	170.72M	157.321M	157MD1D	167.2M	156.922M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	506.88M	316.642M	317MD1D	330.88M	315.442M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	21.835M	19.065M	19M1D1D	20.79M	18.991M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	44M	38.031M	38MOD1D	42.46M	37.881M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	89.76M	77.661M	77M7D1D	85.58M	77.561M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	170.28M	157.121M	157MD1D	168.52M	156.922M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	468.16M	317.041M	317MD1D	330.88M	315.442M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	21.89M	19.04M	19MOD1D	20.9M	18.966M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	45.1M	37.981M	38MOD1D	41.69M	37.931M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	87.56M	77.861M	77M9D1D	85.8M	77.561M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	168.96M	156.722M	157MD1D	166.76M	156.722M

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

Result

Mode	Result	Limit (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	Inf	21.89M	18.991M	21.395M	19.04M
6195MHz	Pass	Inf	20.46M	18.991M	21.285M	19.04M
6415MHz	Pass	Inf	20.735M	19.04M	21.285M	19.015M
6435MHz	Pass	Inf	20.9M	18.991M	21.835M	19.04M
6475MHz	Pass	Inf	21.285M	19.04M	21.065M	18.991M
6515MHz	Pass	Inf	21.45M	18.991M	21.78M	19.04M
6535MHz	Pass	Inf	21.175M	18.991M	21.065M	19.065M
6695MHz	Pass	Inf	21.34M	18.991M	21.835M	19.015M
6875MHz	Pass	Inf	21.56M	19.015M	20.79M	19.015M
6895MHz	Pass	Inf	21.67M	19.04M	21.065M	19.04M
6995MHz	Pass	Inf	21.065M	18.966M	21.12M	18.991M
7095MHz	Pass	Inf	20.9M	19.04M	21.835M	19.04M
7115MHz	Pass	Inf	21.89M	19.015M	21.67M	19.015M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	42.9M	38.031M	43.01M	38.031M
6205MHz	Pass	Inf	42.9M	37.831M	43.12M	37.981M
6405MHz	Pass	Inf	42.24M	38.031M	41.25M	37.981M
6445MHz	Pass	Inf	42.68M	37.931M	42.46M	38.081M
6485MHz	Pass	Inf	43.12M	37.931M	42.46M	37.931M
6525MHz	Pass	Inf	41.8M	37.931M	42.9M	38.031M
6565MHz	Pass	Inf	42.57M	37.981M	42.46M	37.931M
6685MHz	Pass	Inf	42.79M	37.881M	43.45M	38.031M
6885MHz	Pass	Inf	44M	37.981M	42.46M	37.881M
6925MHz	Pass	Inf	43.01M	37.931M	43.23M	37.981M
7005MHz	Pass	Inf	42.13M	37.981M	41.69M	37.981M
7085MHz	Pass	Inf	43.34M	37.981M	45.1M	37.981M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	84.92M	77.661M	88.22M	77.661M
6225MHz	Pass	Inf	86.46M	77.661M	83.16M	77.761M
6385MHz	Pass	Inf	87.12M	77.561M	84.92M	77.461M
6465MHz	Pass	Inf	88.22M	77.561M	85.36M	77.561M
6545MHz	Pass	Inf	86.24M	77.561M	87.56M	77.561M
6625MHz	Pass	Inf	86.24M	77.661M	89.76M	77.561M
6705MHz	Pass	Inf	86.68M	77.561M	86.46M	77.661M
6785MHz	Pass	Inf	87.78M	77.661M	87.12M	77.661M
6865MHz	Pass	Inf	85.58M	77.661M	89.76M	77.661M
6945MHz	Pass	Inf	85.8M	77.761M	86.68M	77.561M
7025MHz	Pass	Inf	87.56M	77.861M	86.68M	77.761M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	168.52M	156.722M	169.84M	156.722M
6185MHz	Pass	Inf	172.48M	157.321M	169.4M	157.121M
6345MHz	Pass	Inf	168.96M	156.722M	173.36M	157.121M
6505MHz	Pass	Inf	170.72M	157.321M	167.2M	156.922M
6665MHz	Pass	Inf	169.4M	156.922M	168.52M	156.922M
6825MHz	Pass	Inf	169.84M	156.922M	170.28M	157.121M
6985MHz	Pass	Inf	166.76M	156.722M	168.96M	156.722M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	Inf	331.76M	315.442M	331.76M	315.042M
6265MHz	Pass	Inf	515.68M	316.642M	504.24M	316.642M
6425MHz	Pass	Inf	492.8M	316.242M	506.88M	316.642M
6585MHz	Pass	Inf	330.88M	315.442M	336.16M	316.242M
6745MHz	Pass	Inf	468.16M	316.242M	383.68M	317.041M
6905MHz	Pass	Inf	330.88M	315.842M	334.4M	315.442M



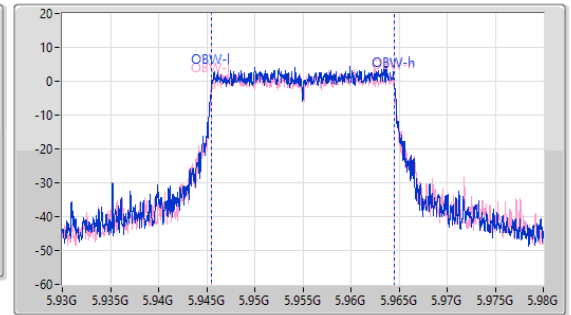
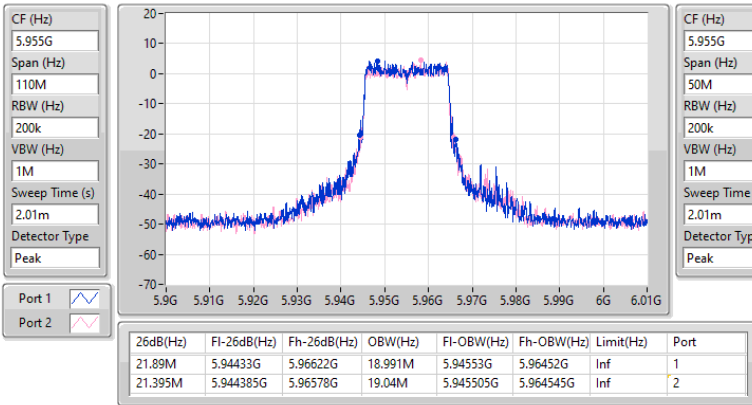
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5955MHz

24/03/2025

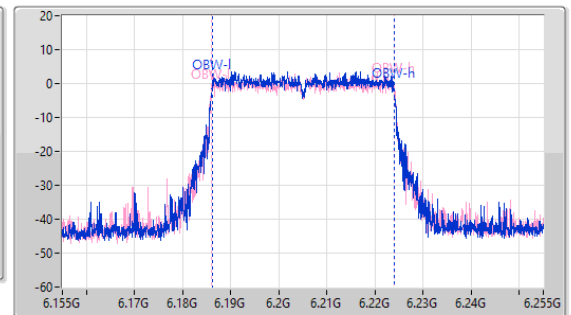
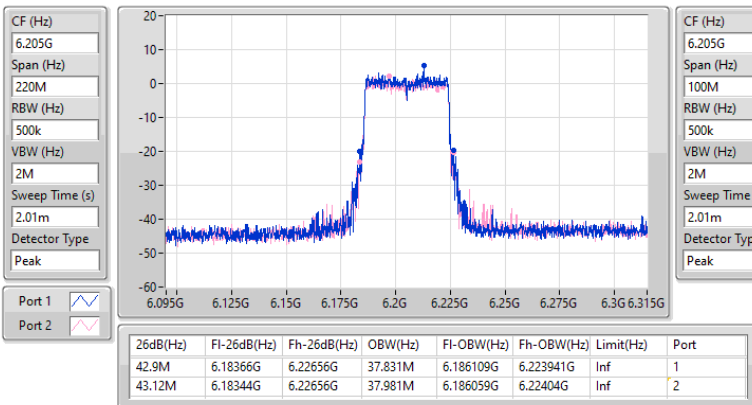


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6205MHz

24/03/2025

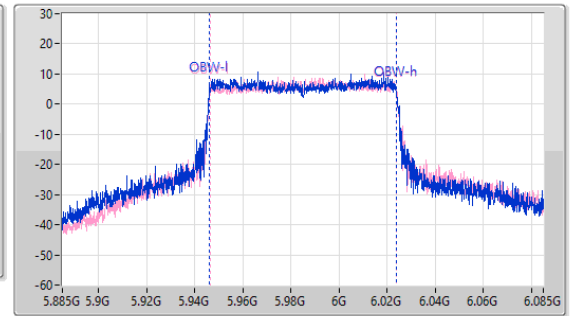
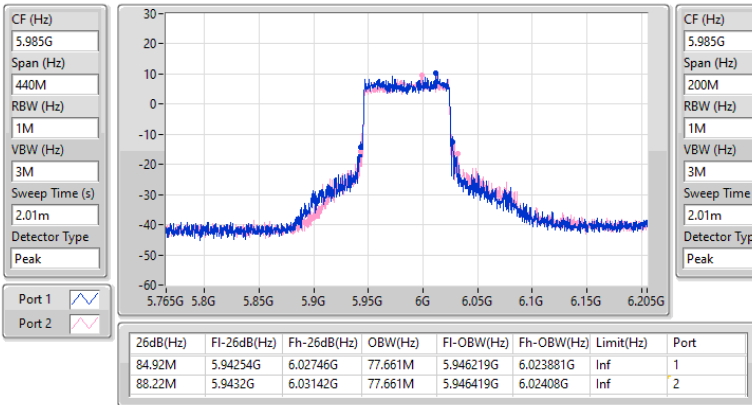


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

5985MHz

24/03/2025

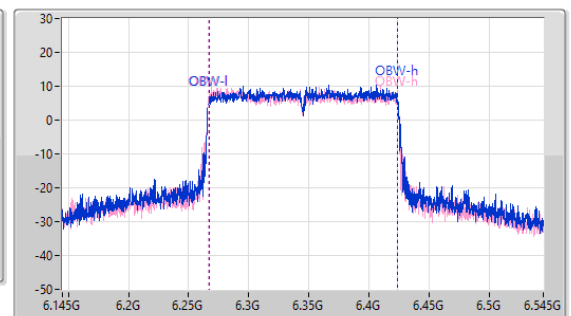
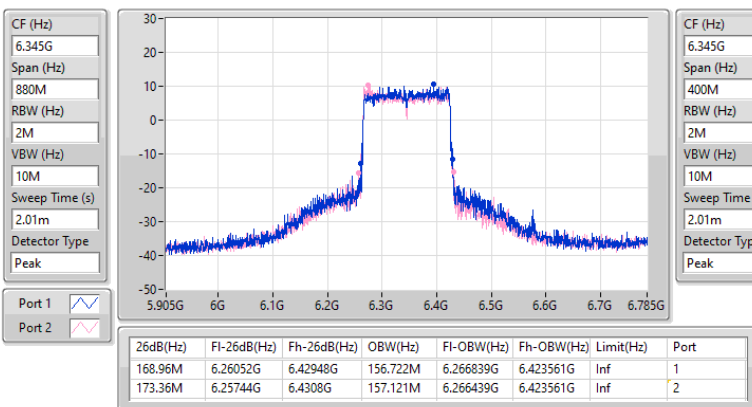


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

EBW

6345MHz

24/03/2025

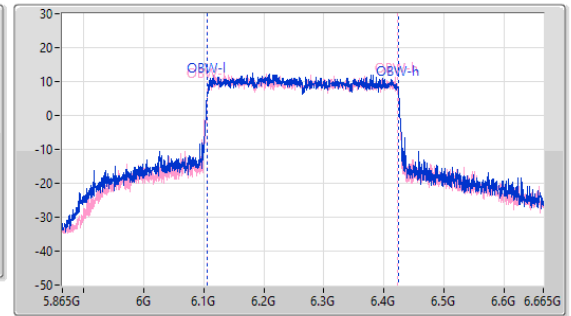
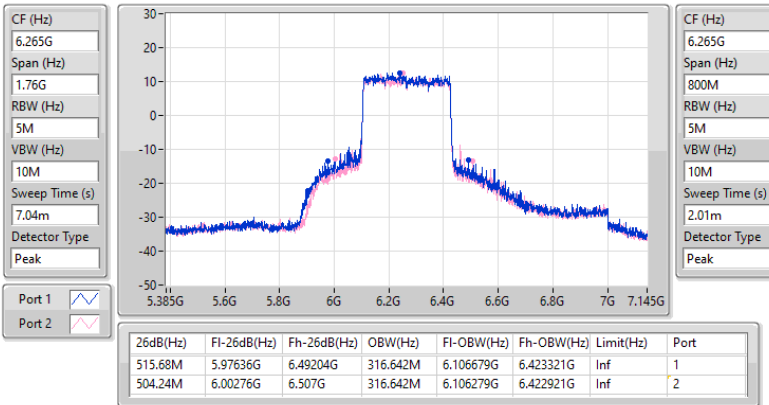


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX

EBW

6265MHz

24/03/2025

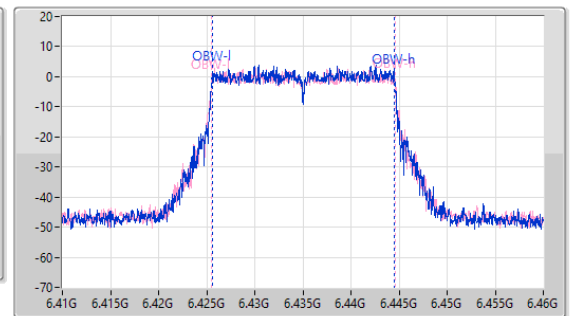
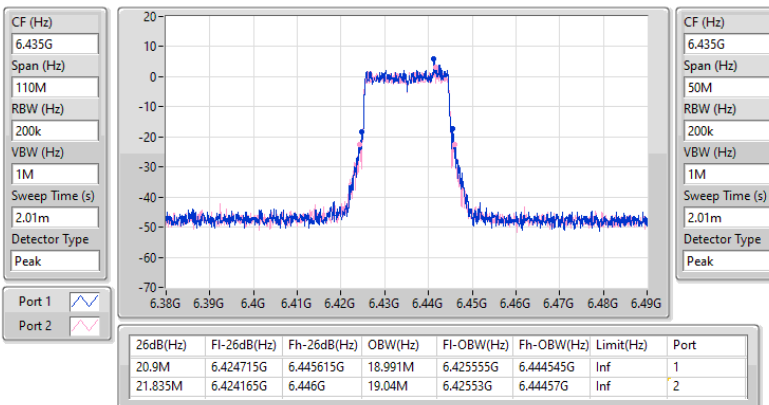


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

6435MHz

24/03/2025

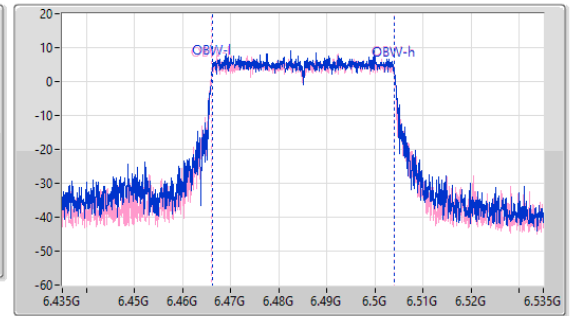
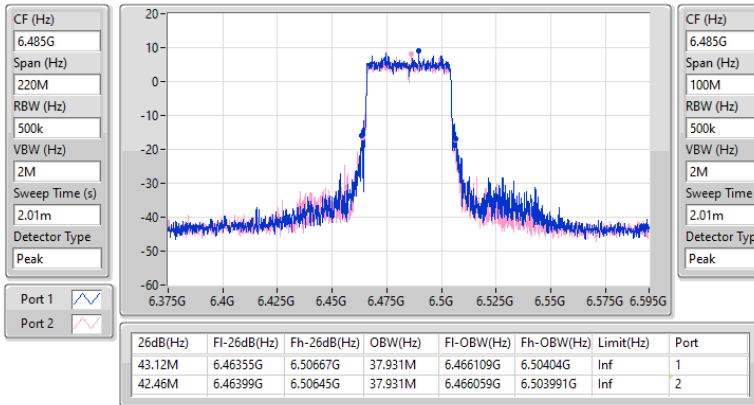


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6485MHz

24/03/2025

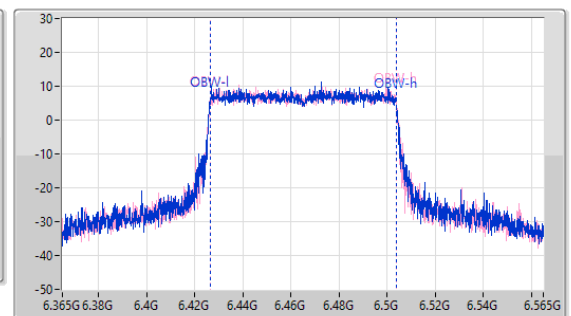
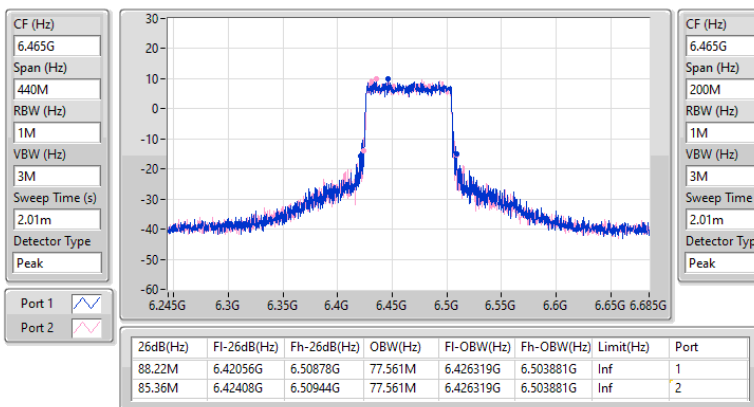


6.425-6.525GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

6465MHz

24/03/2025

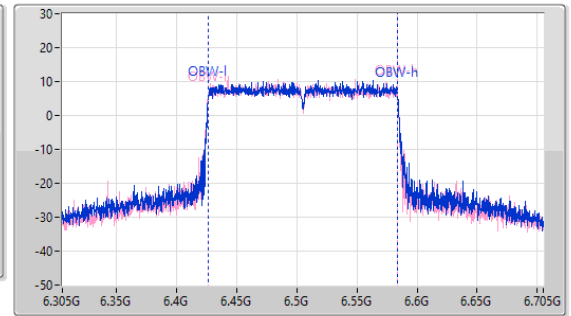
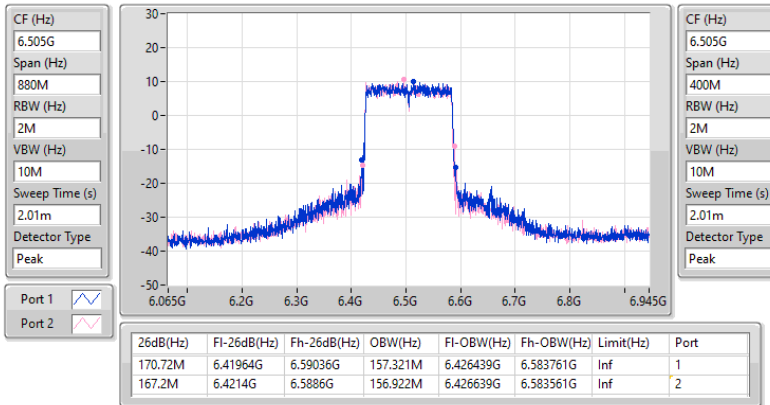


6.425-6.525GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

EBW

6505MHz

24/03/2025

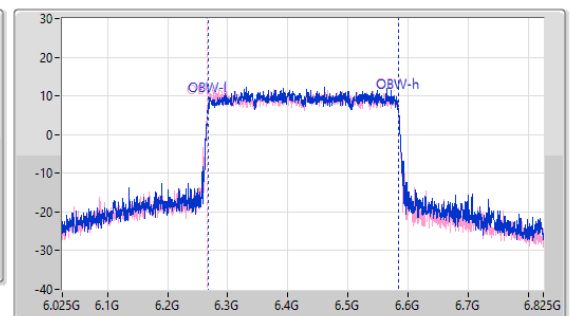
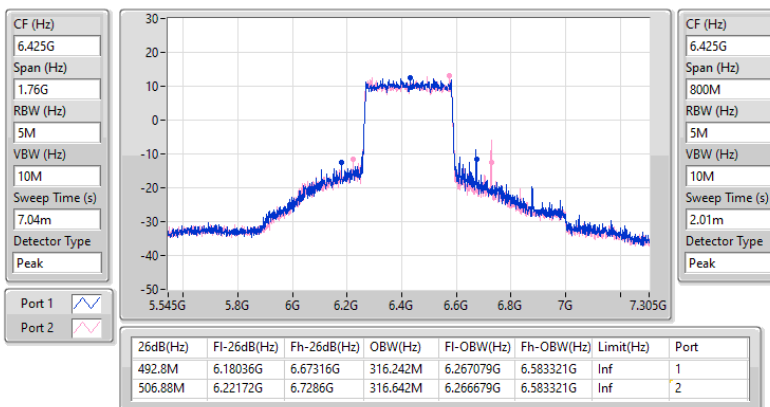


6.425-6.525GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX

EBW

6425MHz

24/03/2025

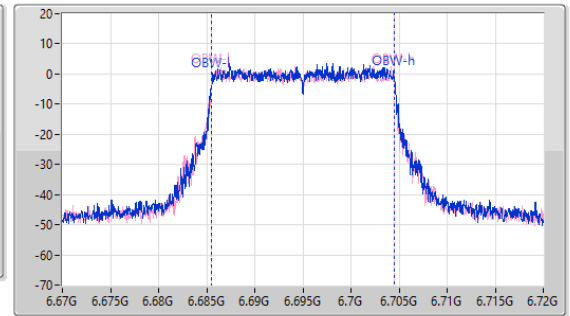
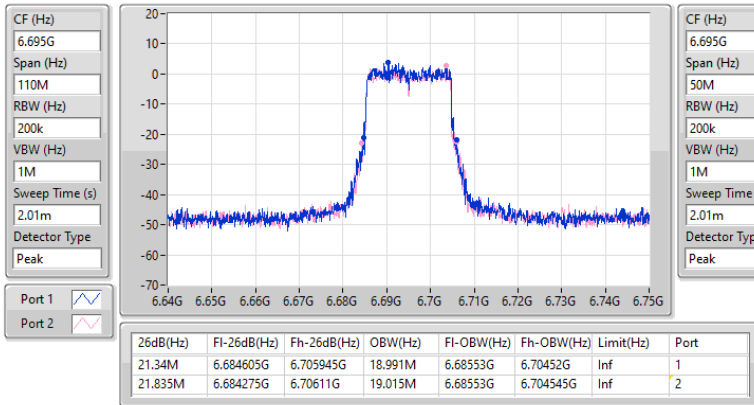


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

6695MHz

24/03/2025

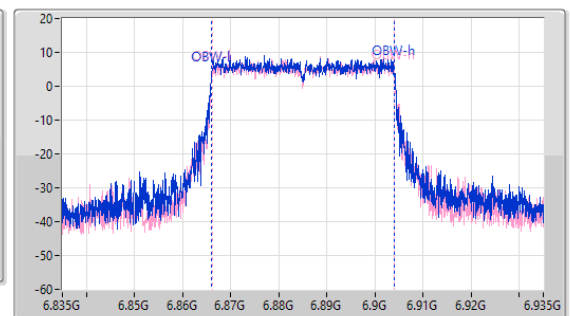
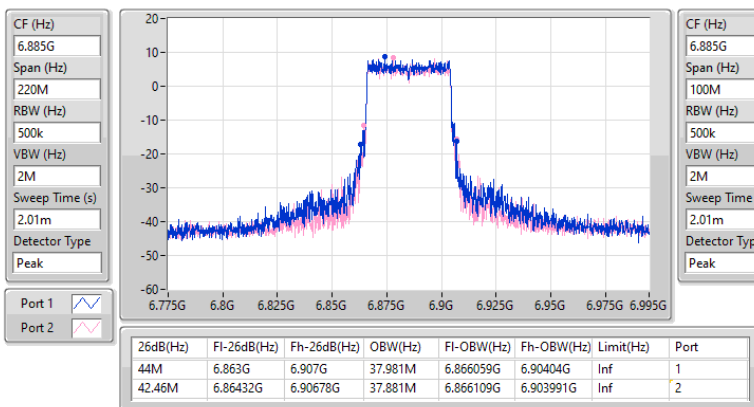


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6885MHz

24/03/2025

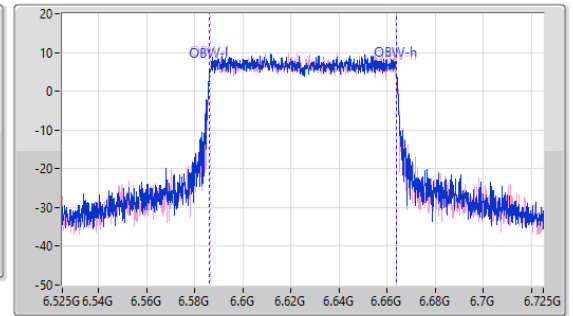
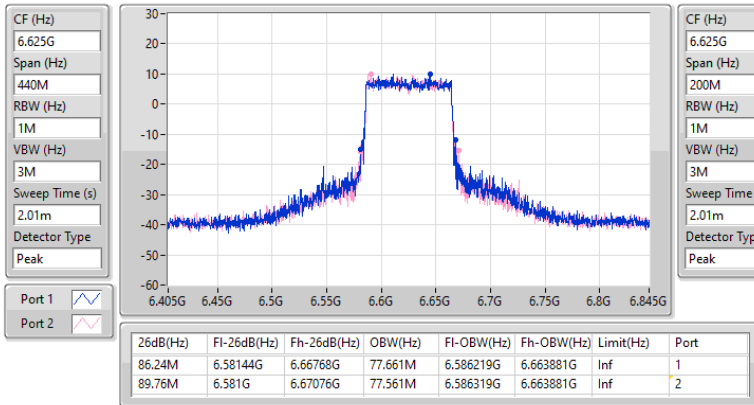


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

6625MHz

24/03/2025

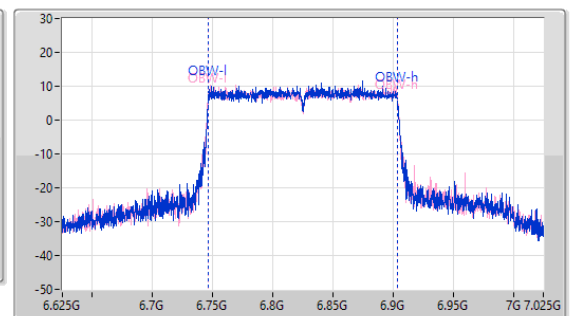
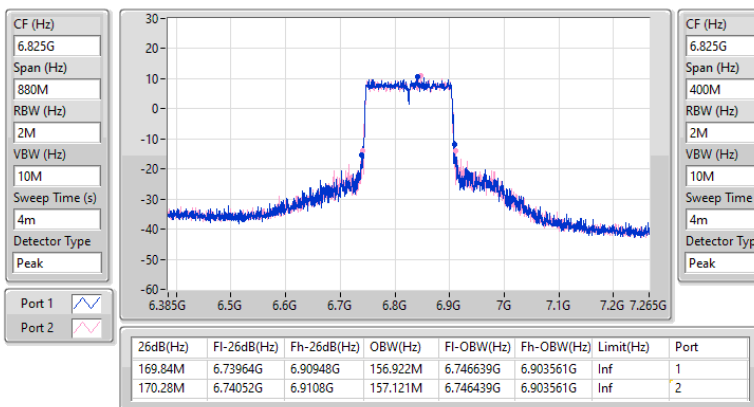


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

EBW

6825MHz

24/03/2025

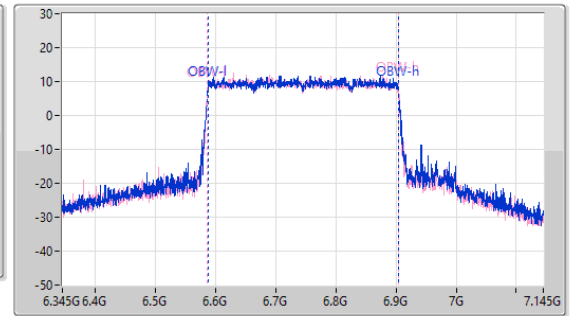
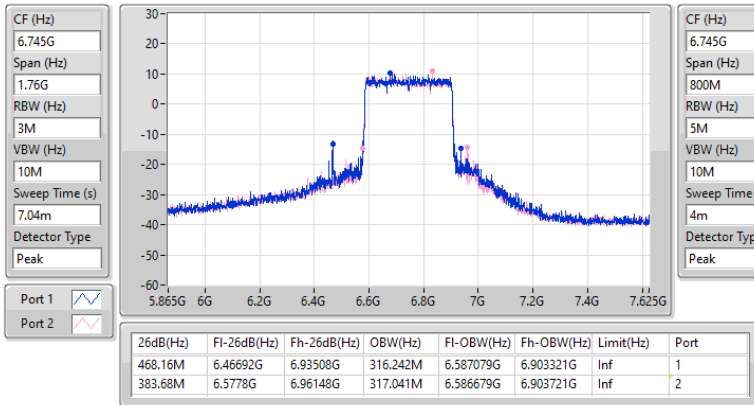


6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX

EBW

6745MHz

24/03/2025

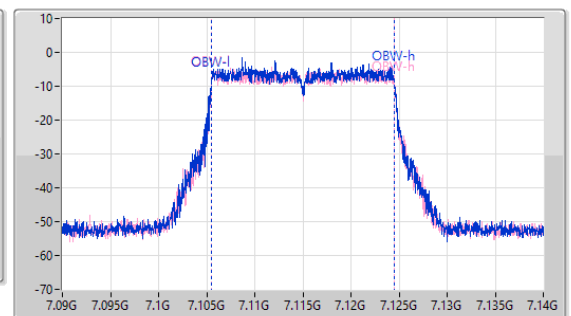
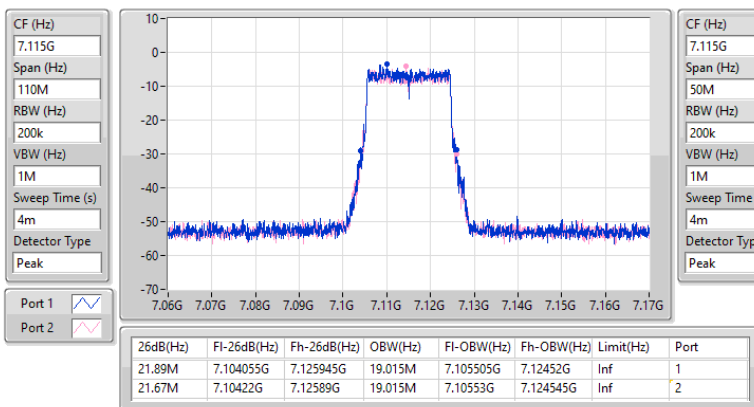


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

7115MHz

24/03/2025

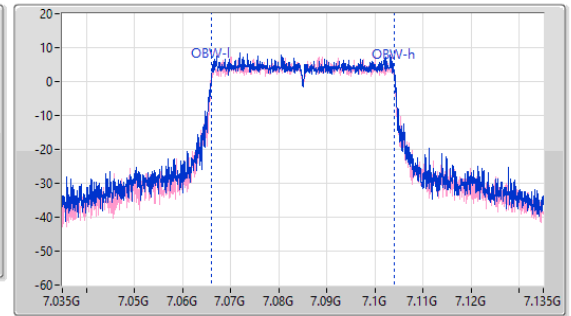
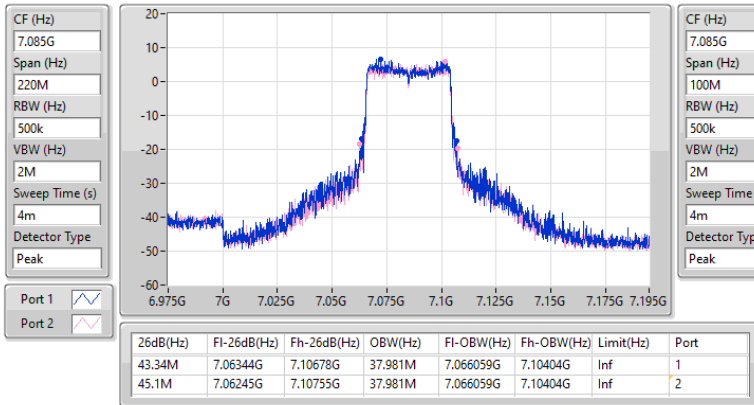


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

7085MHz

24/03/2025

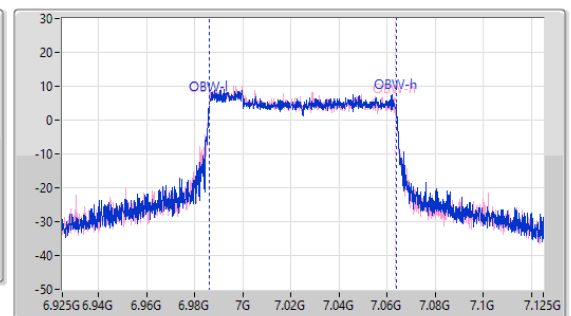
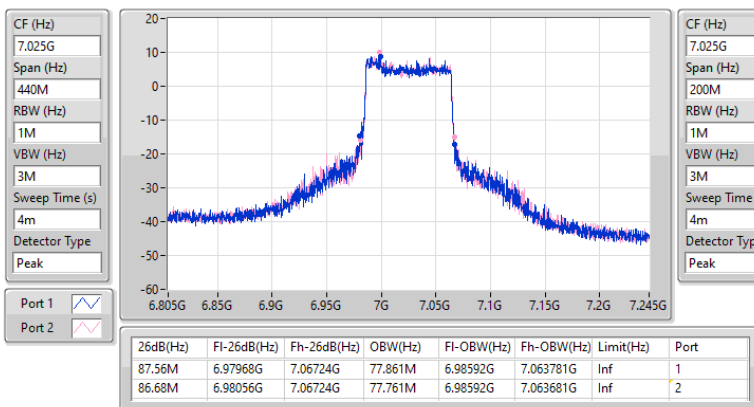


6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

7025MHz

24/03/2025

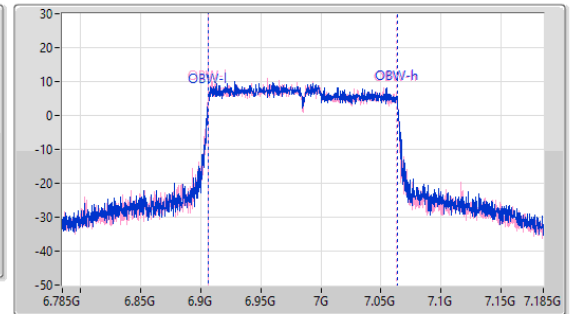
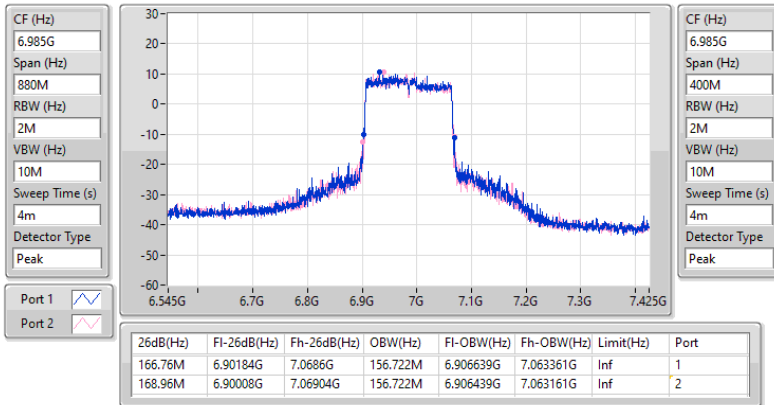


6.875-7.125GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

EBW

6985MHz

24/03/2025



Summary

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	16.37	0.04335
802.11be EHT40_Nss1,(MCS0)_2TX	18.48	0.07047
802.11be EHT80_Nss1,(MCS0)_2TX	21.68	0.14723
802.11be EHT160_Nss1,(MCS0)_2TX	24.46	0.27925
802.11be EHT320_Nss1,(MCS0)_2TX	26.00	0.39811
6.425-6.525GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	16.49	0.04457
802.11be EHT40_Nss1,(MCS0)_2TX	18.47	0.07031
802.11be EHT80_Nss1,(MCS0)_2TX	21.67	0.14689
802.11be EHT160_Nss1,(MCS0)_2TX	24.77	0.29992
802.11be EHT320_Nss1,(MCS0)_2TX	27.16	0.52000
6.525-6.875GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	16.05	0.04027
802.11be EHT40_Nss1,(MCS0)_2TX	18.62	0.07278
802.11be EHT80_Nss1,(MCS0)_2TX	21.47	0.14028
802.11be EHT160_Nss1,(MCS0)_2TX	24.78	0.30061
802.11be EHT320_Nss1,(MCS0)_2TX	28.18	0.65766
6.875-7.125GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	16.40	0.04365
802.11be EHT40_Nss1,(MCS0)_2TX	19.61	0.09141
802.11be EHT80_Nss1,(MCS0)_2TX	21.65	0.14622
802.11be EHT160_Nss1,(MCS0)_2TX	24.15	0.26002

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	16.03	30.00
6195MHz	Pass	16.37	30.00
6415MHz	Pass	15.75	30.00
6435MHz	Pass	15.85	30.00
6475MHz	Pass	15.60	30.00
6515MHz	Pass	16.49	30.00
6535MHz	Pass	15.85	30.00
6695MHz	Pass	15.46	30.00
6875MHz	Pass	16.05	30.00
6895MHz	Pass	15.74	30.00
6995MHz	Pass	16.15	30.00
7095MHz	Pass	16.40	30.00
7115MHz	Pass	7.83	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	17.98	30.00
6205MHz	Pass	18.48	30.00
6405MHz	Pass	18.39	30.00
6445MHz	Pass	17.84	30.00
6485MHz	Pass	18.01	30.00
6525MHz	Pass	18.47	30.00
6565MHz	Pass	18.62	30.00
6685MHz	Pass	18.32	30.00
6885MHz	Pass	17.68	30.00
6925MHz	Pass	18.73	30.00
7005MHz	Pass	18.33	30.00
7085MHz	Pass	19.61	30.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	21.36	30.00
6225MHz	Pass	21.68	30.00
6385MHz	Pass	21.46	30.00
6465MHz	Pass	21.44	30.00
6545MHz	Pass	21.67	30.00
6625MHz	Pass	20.52	30.00
6705MHz	Pass	21.47	30.00
6785MHz	Pass	21.04	30.00
6865MHz	Pass	20.58	30.00
6945MHz	Pass	21.26	30.00
7025MHz	Pass	21.65	30.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	24.22	30.00
6185MHz	Pass	24.46	30.00
6345MHz	Pass	24.45	30.00



Radiated EIRP_Non-Beamforming

Appendix C.1

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
6505MHz	Pass	24.77	30.00
6665MHz	Pass	24.78	30.00
6825MHz	Pass	23.80	30.00
6985MHz	Pass	24.15	30.00
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-
6105MHz	Pass	26.00	30.00
6265MHz	Pass	25.29	30.00
6425MHz	Pass	27.16	30.00
6585MHz	Pass	26.88	30.00
6745MHz	Pass	28.18	30.00
6905MHz	Pass	24.28	30.00

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

05/05/2025

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

CF Freq
6.195GHz

Span
50MHz

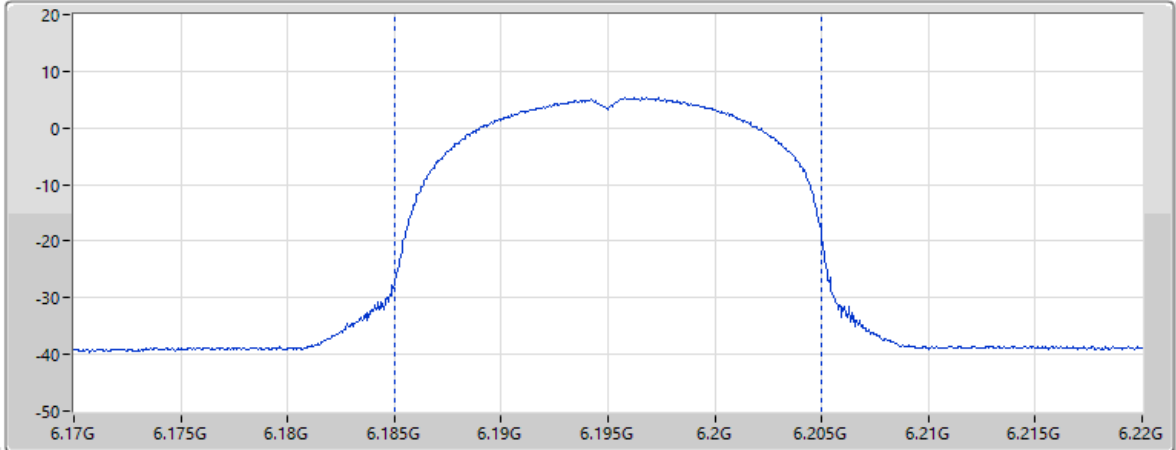
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
20MHz



Page 8

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
16.37				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.26	11.90	8.03	35.38	57.88

05/05/2025

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

CF Freq
6.205GHz

Span
100MHz

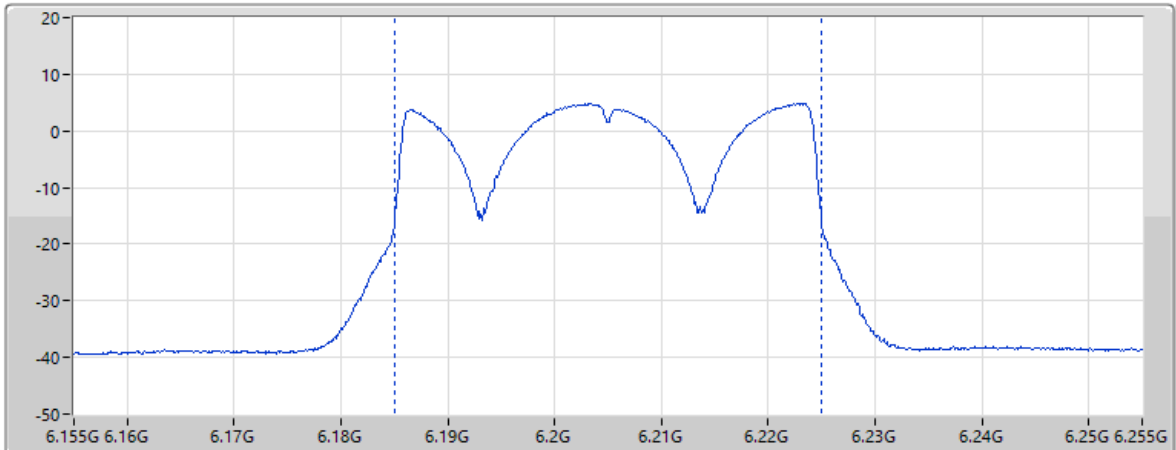
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
40MHz



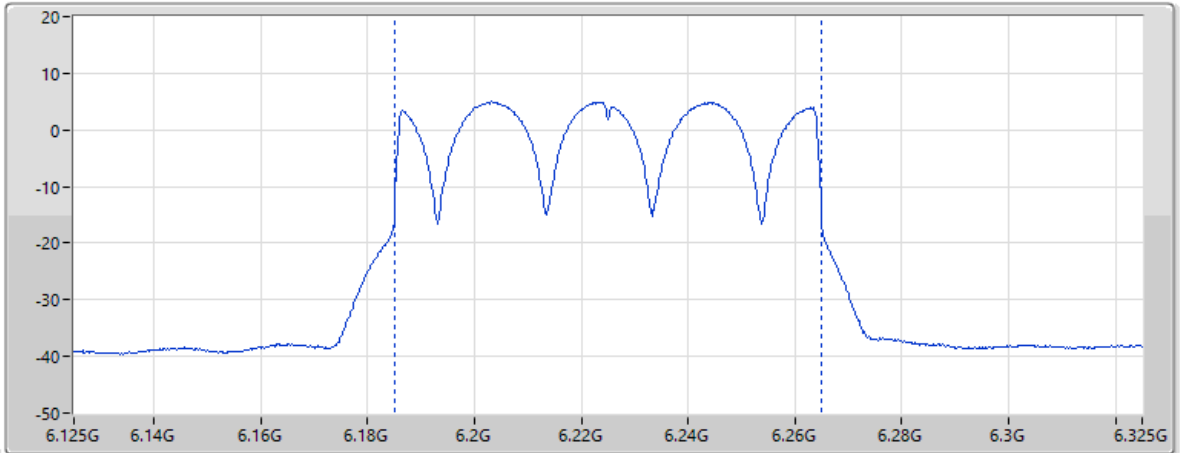
Page 8

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
18.48				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.19	11.89	8.04	35.38	57.90

05/05/2025

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

CF Freq
6.225GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2ms
Detector Type
RMS
CP BW
80MHz



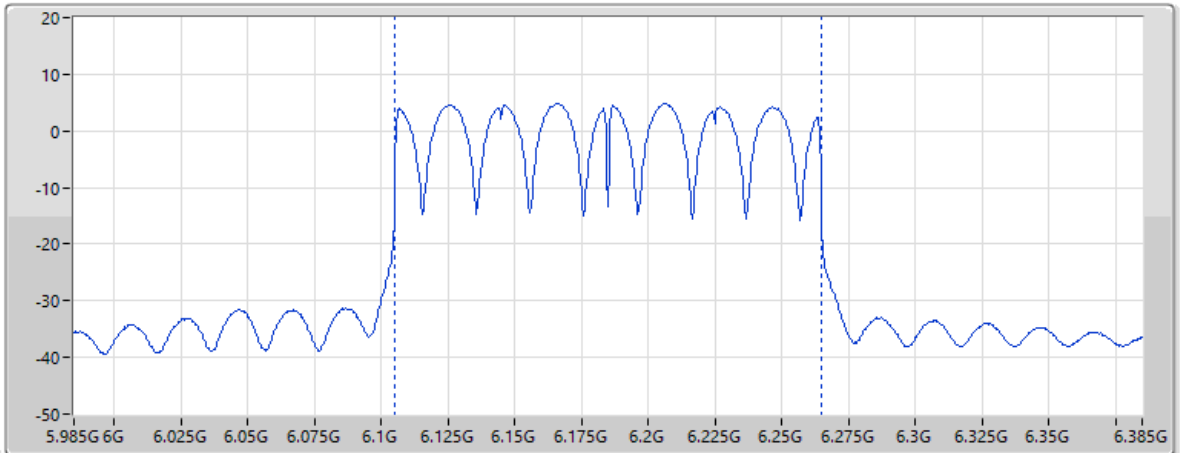
Page 8

EIRP (dBm)	21.68	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
2.95	11.85	8.04	35.39	57.93

05/05/2025

EIRP;Band:6.2G;be160;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



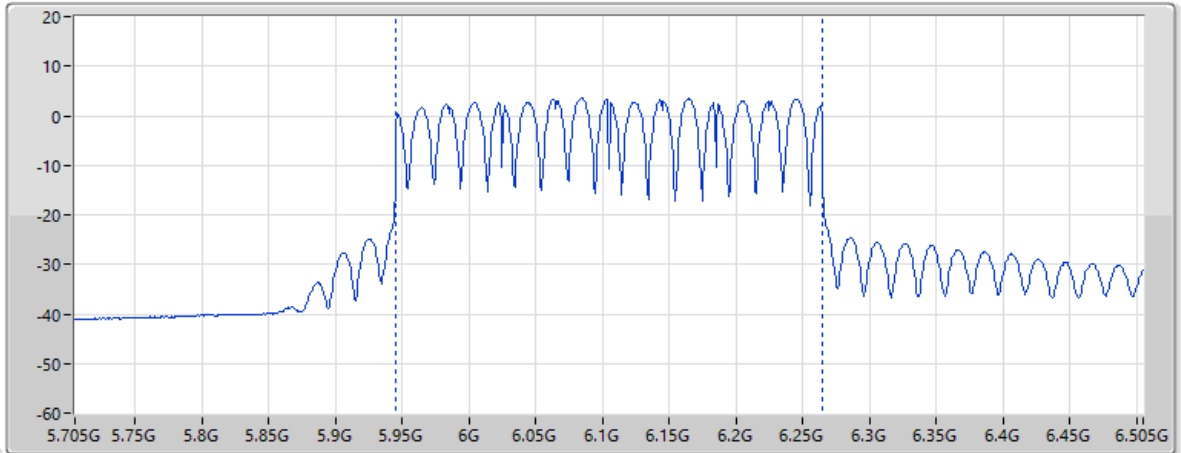
Page 8

EIRP (dBm)	24.46	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
5.84	11.90	8.02	35.37	57.87

05/05/2025

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
8ms
Detector Type
RMS
CP BW
320MHz



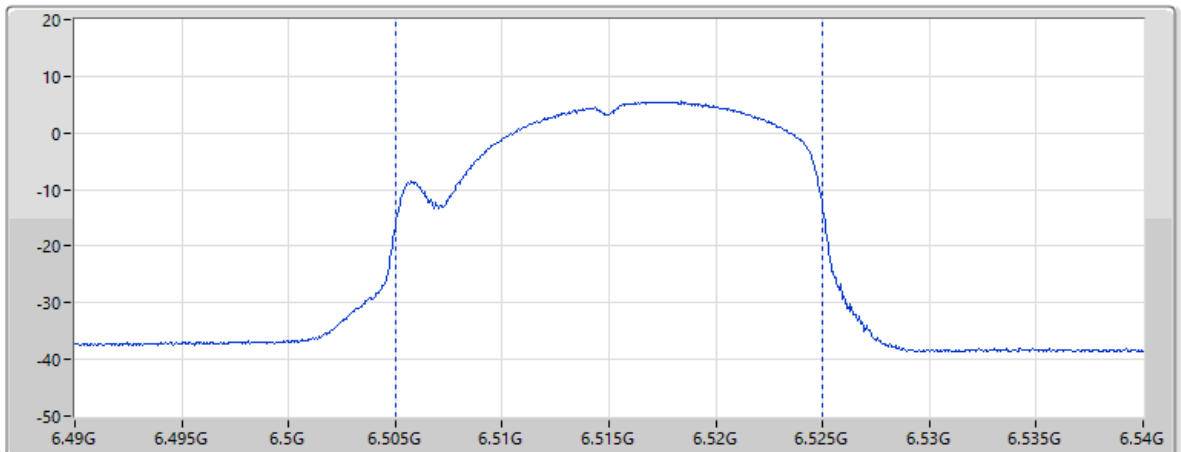
Page 8

EIRP (dBm)	26	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.57	11.90	7.90	35.33	57.76

05/05/2025

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 8

EIRP (dBm)	16.49	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-3.15	11.31	8.16	35.53	58.32

05/05/2025

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

CF Freq
6.525GHz

Span
100MHz

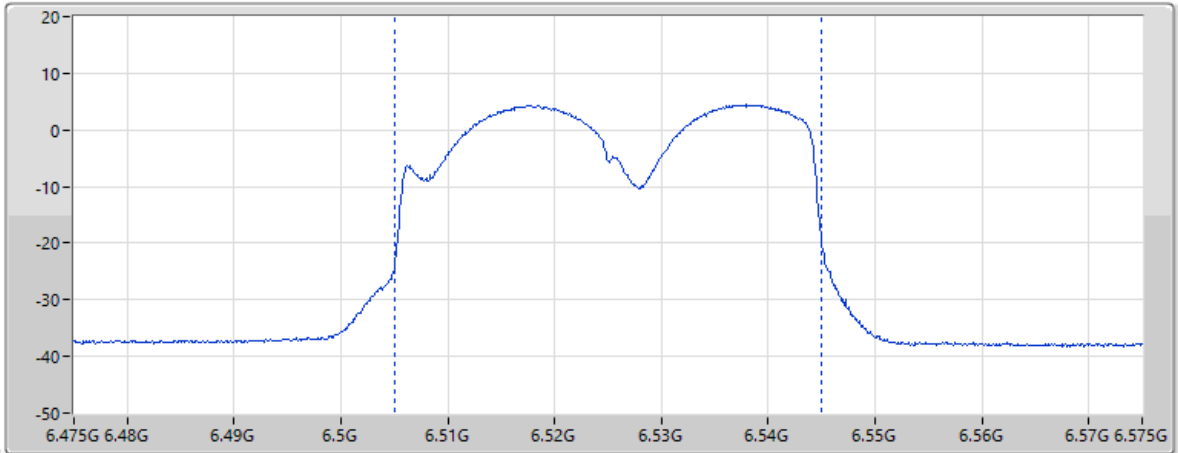
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
40MHz



Page 8

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
18.47				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-1.25	11.25	8.17	35.53	58.33

05/05/2025

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

CF Freq
6.545GHz

Span
200MHz

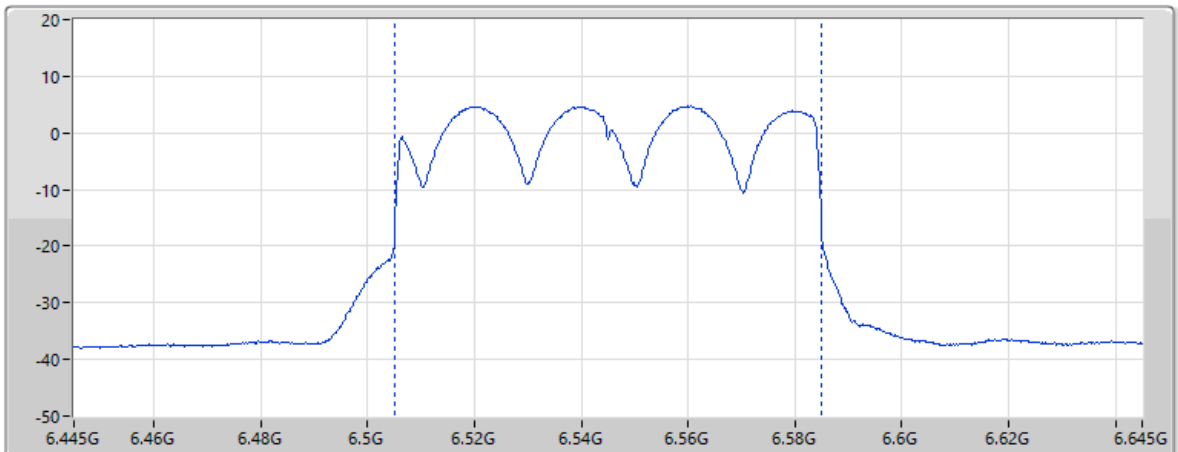
RBW
1MHz

VBW
3MHz

Sweep Time
2ms

Detector Type
RMS

CP BW
80MHz

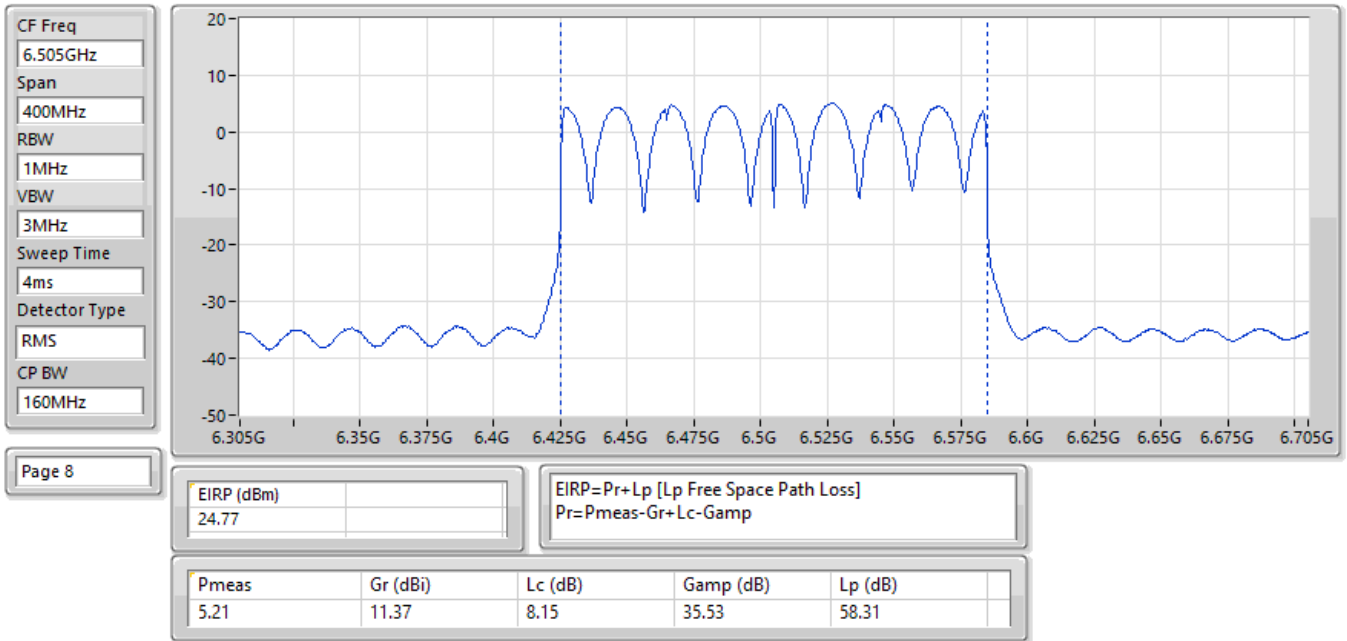


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EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
21.67				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
1.77	11.13	8.20	35.53	58.36

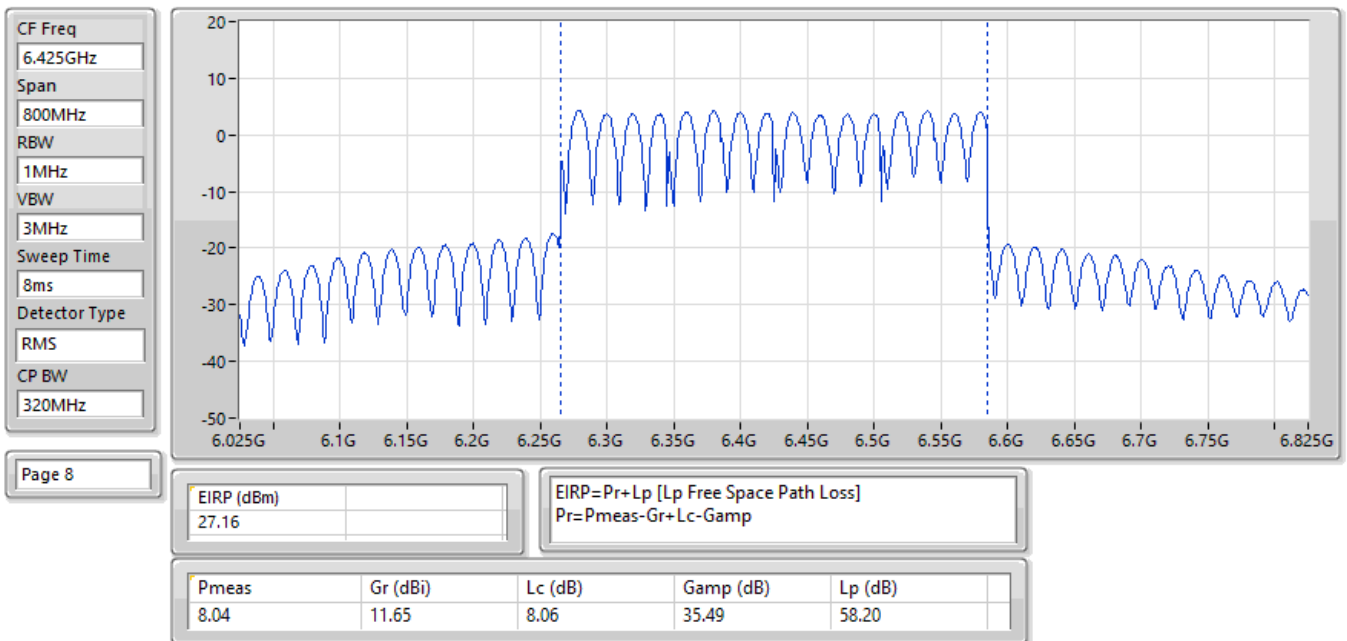
05/05/2025

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



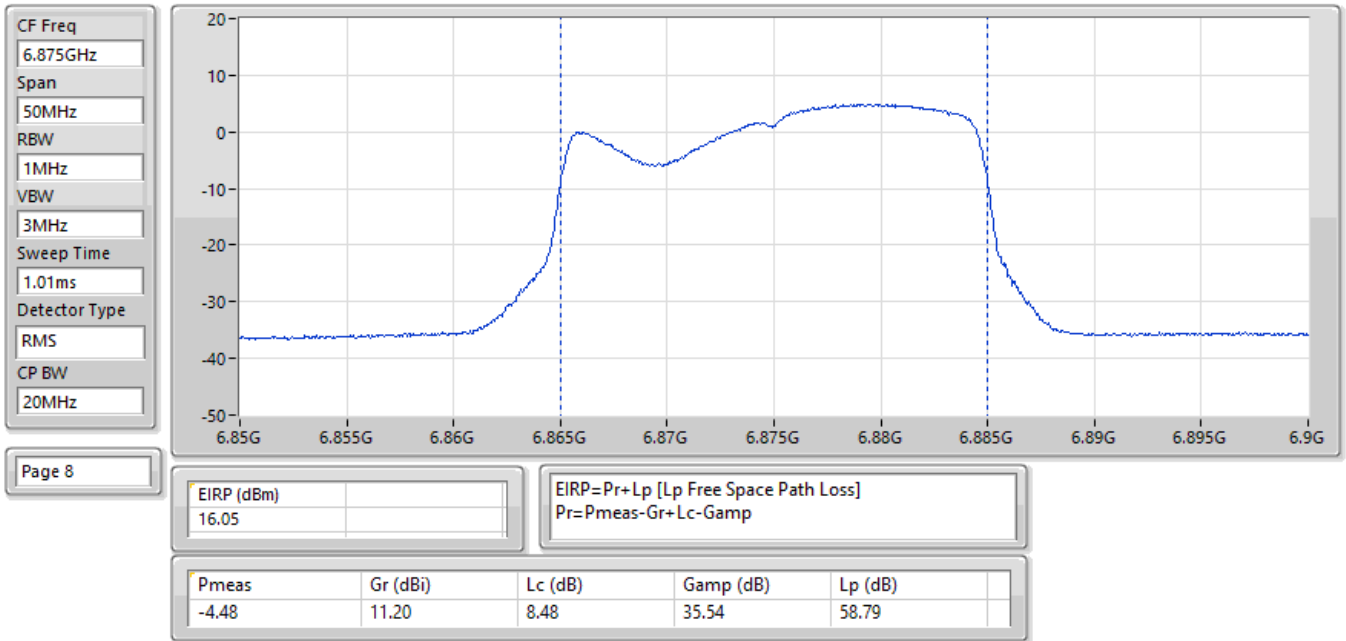
05/05/2025

EIRP;Band:6.4G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6425MHz;TX



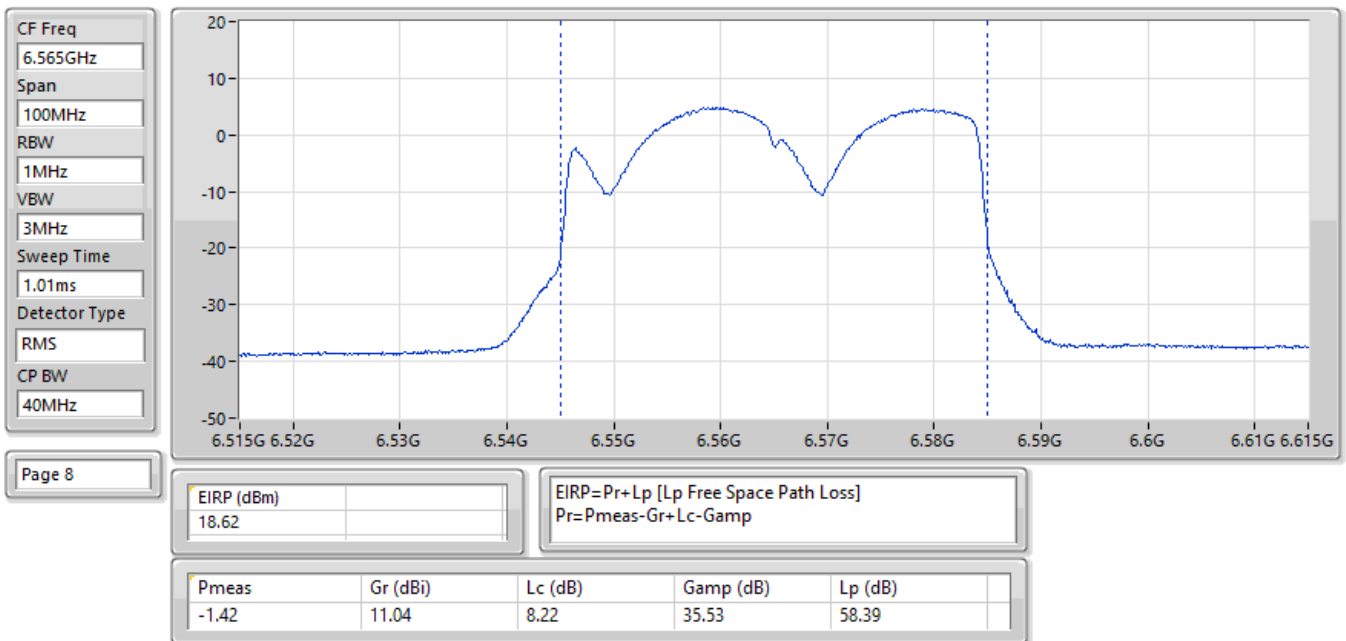
05/05/2025

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



05/05/2025

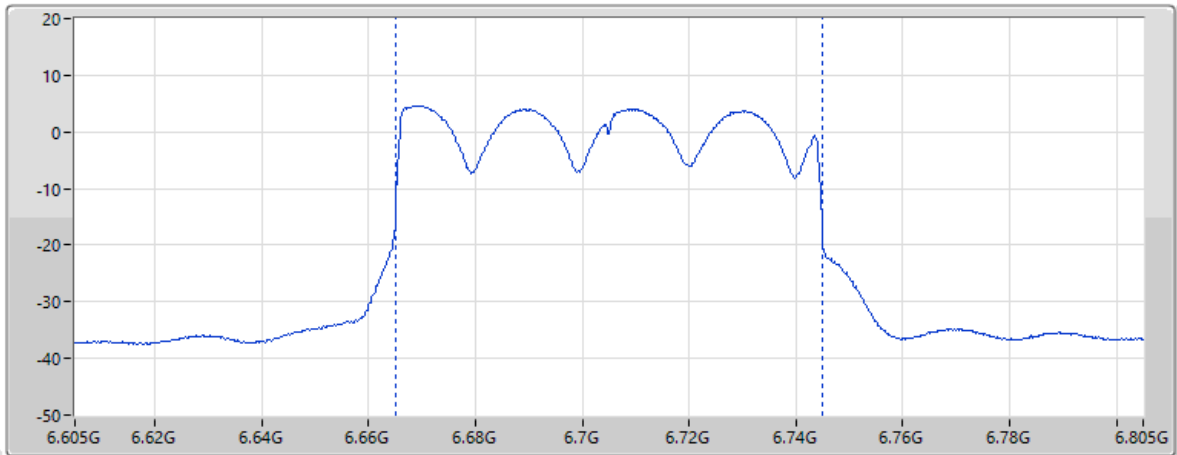
EIRP:Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6565MHz;TX



05/05/2025

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

CF Freq
6.705GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2ms
Detector Type
RMS
CP BW
80MHz



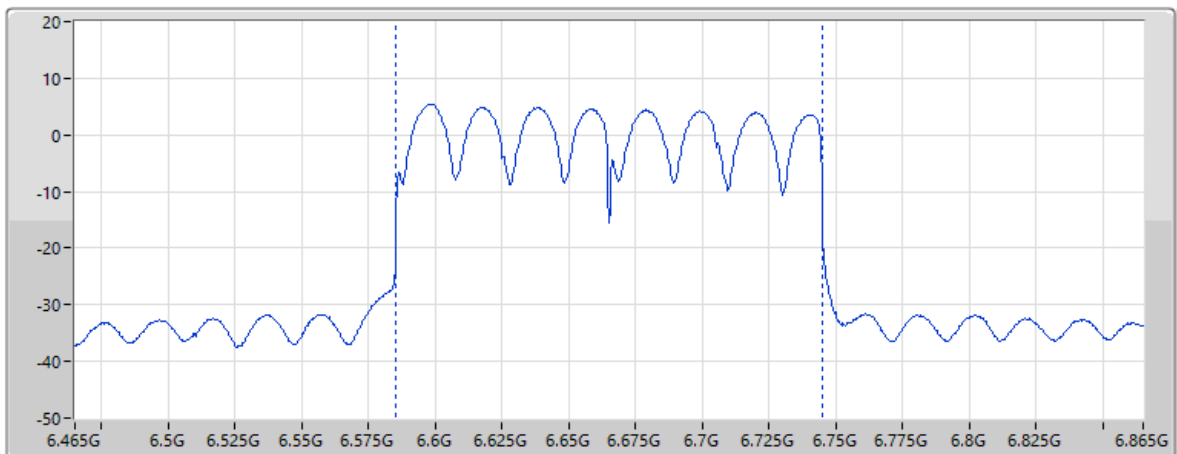
Page 8

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
21.47				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
0.97	10.90	8.36	35.53	58.57

05/05/2025

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
4ms
Detector Type
RMS
CP BW
160MHz

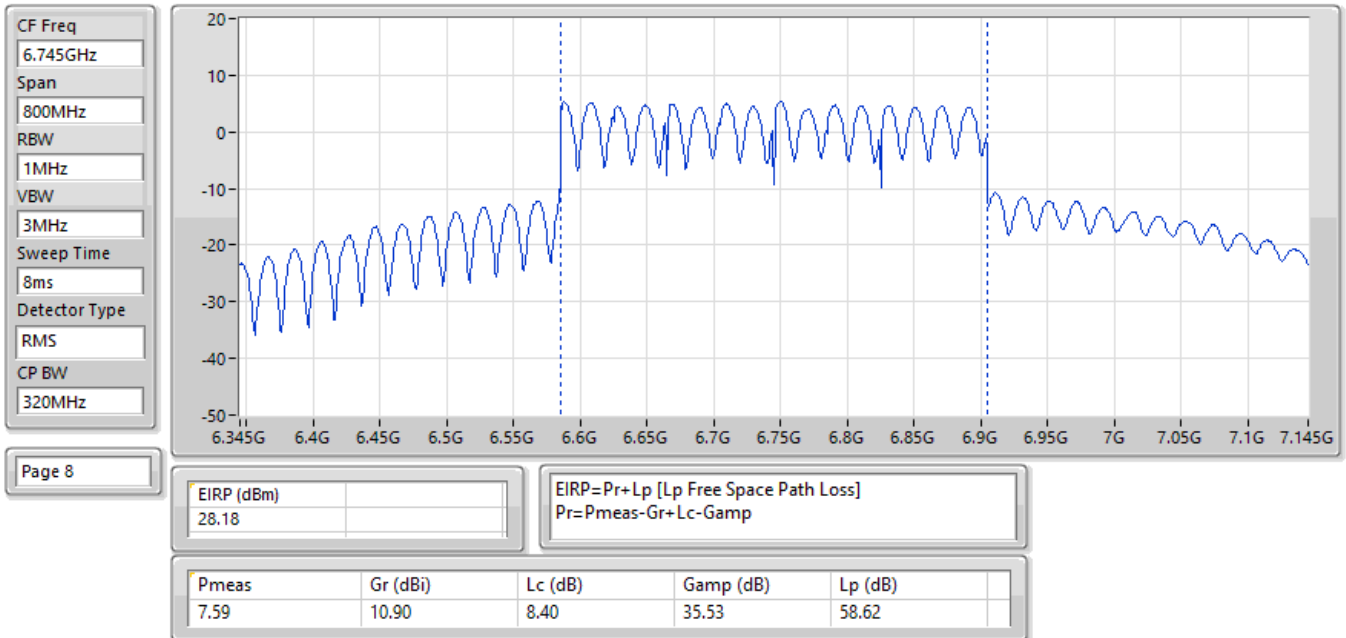


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EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
24.78				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
4.44	10.97	8.32	35.53	58.52

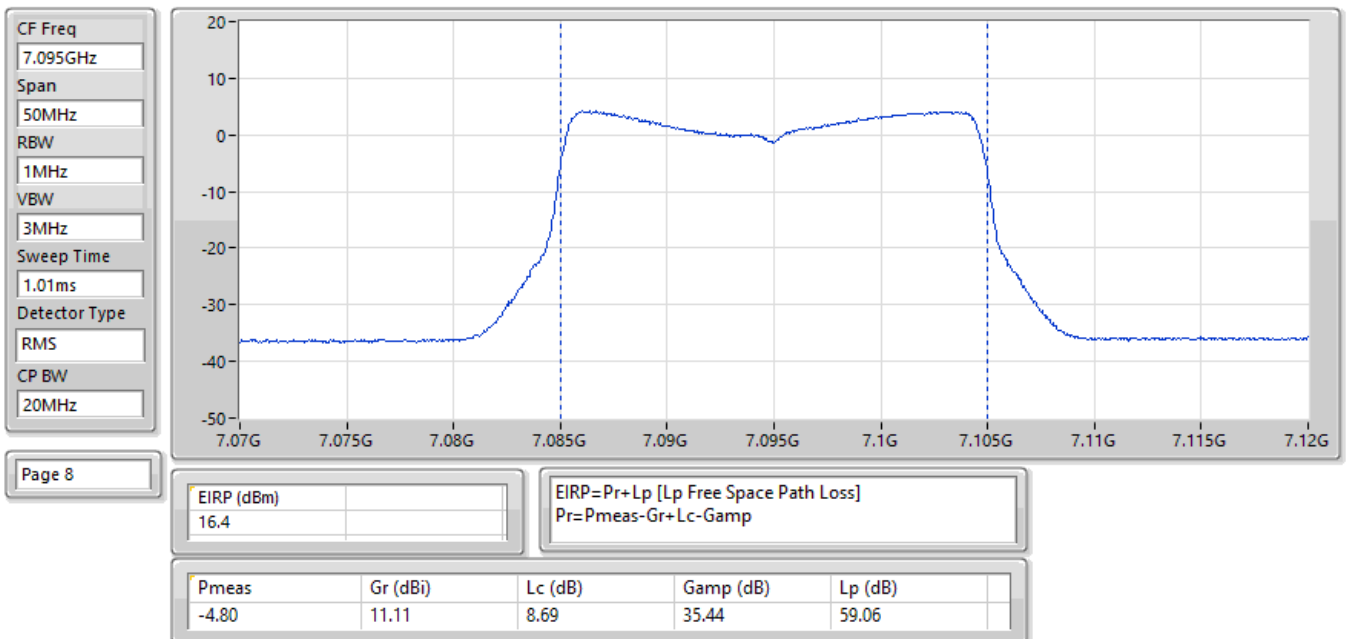
05/05/2025

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



05/05/2025

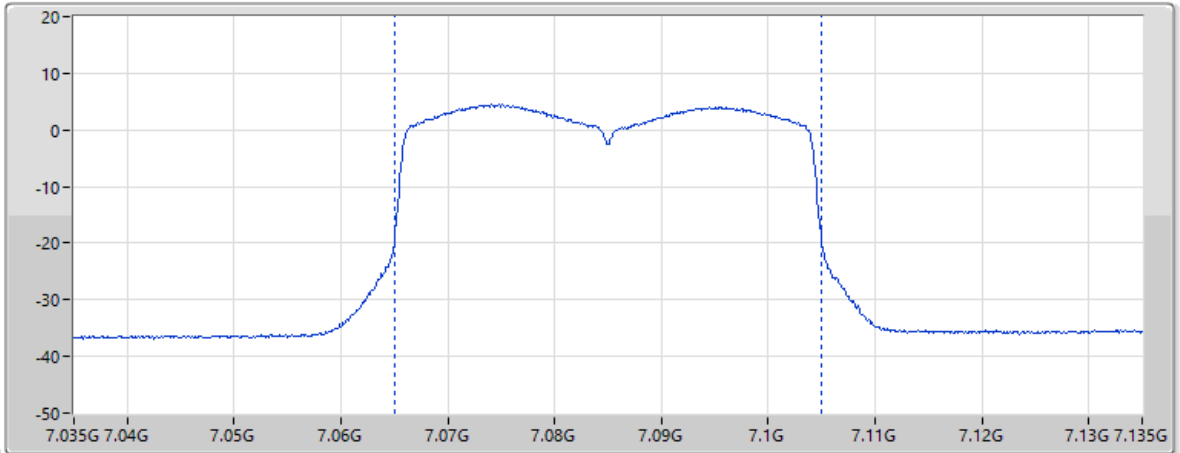
EIRP;Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:7095MHz;TX



05/05/2025

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

CF Freq
7.085GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
40MHz



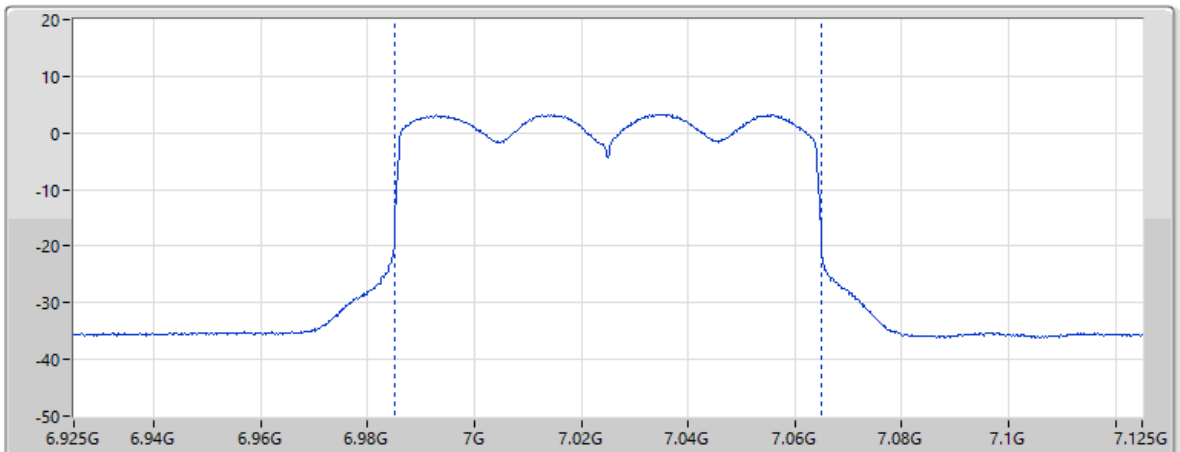
Page 8

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
19.61				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-1.53	11.13	8.67	35.45	59.05

05/05/2025

EIRP;Band:7.0G;be80;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

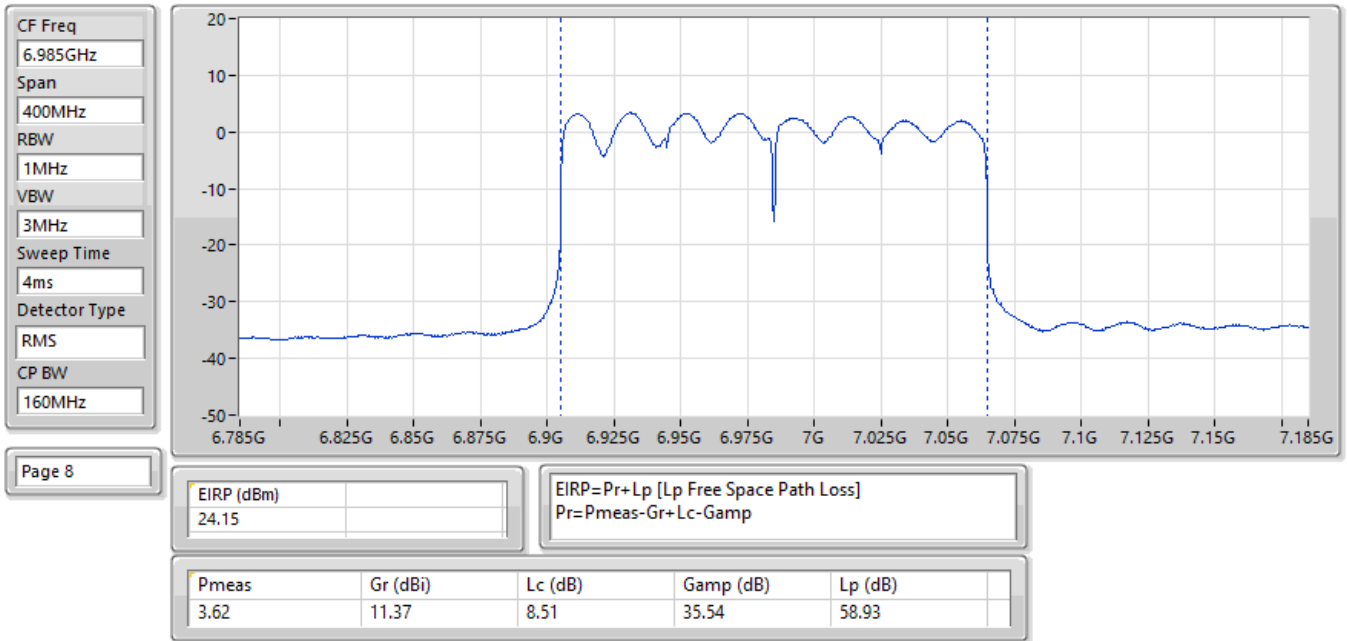


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EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
21.65				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
0.92	11.30	8.56	35.51	58.98

05/05/2025

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



Summary

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	17.92	0.06194
802.11be EHT40-BF_Nss1,(MCS0)_2TX	22.25	0.16788
802.11be EHT80-BF_Nss1,(MCS0)_2TX	23.37	0.21727
802.11be EHT160-BF_Nss1,(MCS0)_2TX	24.22	0.26424
802.11be EHT320-BF_Nss1,(MCS0)_2TX	25.44	0.34995
6.425-6.525GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	18.83	0.07638
802.11be EHT40-BF_Nss1,(MCS0)_2TX	21.33	0.13583
802.11be EHT80-BF_Nss1,(MCS0)_2TX	25.02	0.31769
802.11be EHT160-BF_Nss1,(MCS0)_2TX	26.15	0.41210
802.11be EHT320-BF_Nss1,(MCS0)_2TX	23.45	0.22131
6.525-6.875GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	18.29	0.06745
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.16	0.10375
802.11be EHT80-BF_Nss1,(MCS0)_2TX	23.69	0.23388
802.11be EHT160-BF_Nss1,(MCS0)_2TX	25.99	0.39719
802.11be EHT320-BF_Nss1,(MCS0)_2TX	25.86	0.38548
6.875-7.125GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	19.30	0.08511
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.86	0.12190
802.11be EHT80-BF_Nss1,(MCS0)_2TX	22.96	0.19770
802.11be EHT160-BF_Nss1,(MCS0)_2TX	25.19	0.33037

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	17.92	30.00
6195MHz	Pass	17.14	30.00
6415MHz	Pass	16.54	30.00
6435MHz	Pass	16.78	30.00
6475MHz	Pass	18.09	30.00
6515MHz	Pass	18.83	30.00
6535MHz	Pass	17.08	30.00
6695MHz	Pass	18.29	30.00
6875MHz	Pass	16.93	30.00
6895MHz	Pass	16.46	30.00
6995MHz	Pass	11.49	30.00
7095MHz	Pass	19.30	30.00
7115MHz	Pass	9.62	30.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	22.25	30.00
6205MHz	Pass	19.85	30.00
6405MHz	Pass	17.91	30.00
6445MHz	Pass	20.56	30.00
6485MHz	Pass	21.33	30.00
6525MHz	Pass	16.97	30.00
6565MHz	Pass	20.16	30.00
6685MHz	Pass	19.04	30.00
6885MHz	Pass	19.60	30.00
6925MHz	Pass	20.61	30.00
7005MHz	Pass	20.86	30.00
7085MHz	Pass	20.35	30.00
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	23.21	30.00
6225MHz	Pass	22.70	30.00
6385MHz	Pass	23.37	30.00
6465MHz	Pass	25.02	30.00
6545MHz	Pass	18.00	30.00
6625MHz	Pass	23.05	30.00
6705MHz	Pass	20.82	30.00
6785MHz	Pass	22.70	30.00
6865MHz	Pass	23.69	30.00
6945MHz	Pass	22.96	30.00
7025MHz	Pass	22.26	30.00
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	24.22	30.00
6185MHz	Pass	23.37	30.00
6345MHz	Pass	23.03	30.00



Radiated EIRP_Beamforming

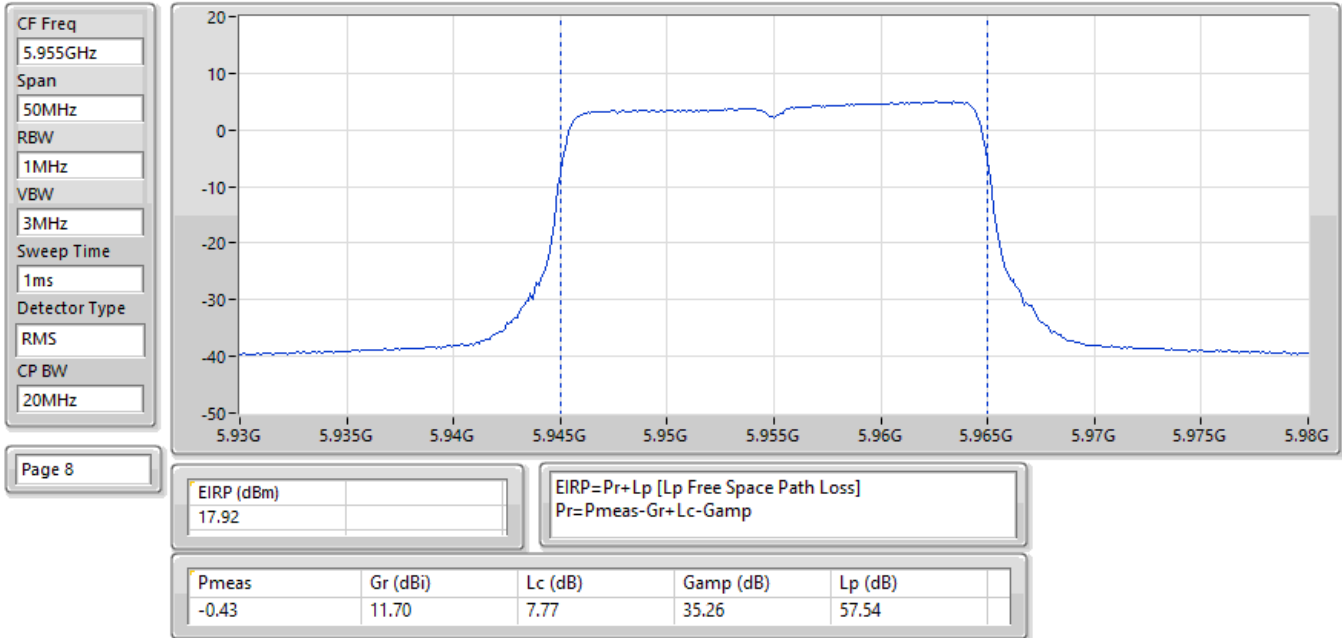
Appendix C.2

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
6505MHz	Pass	26.15	30.00
6665MHz	Pass	25.54	30.00
6825MHz	Pass	25.99	30.00
6985MHz	Pass	25.19	30.00
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-	-	-
6105MHz	Pass	25.44	30.00
6265MHz	Pass	24.21	30.00
6425MHz	Pass	23.44	30.00
6585MHz	Pass	23.45	30.00
6745MHz	Pass	25.43	30.00
6905MHz	Pass	25.86	30.00

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

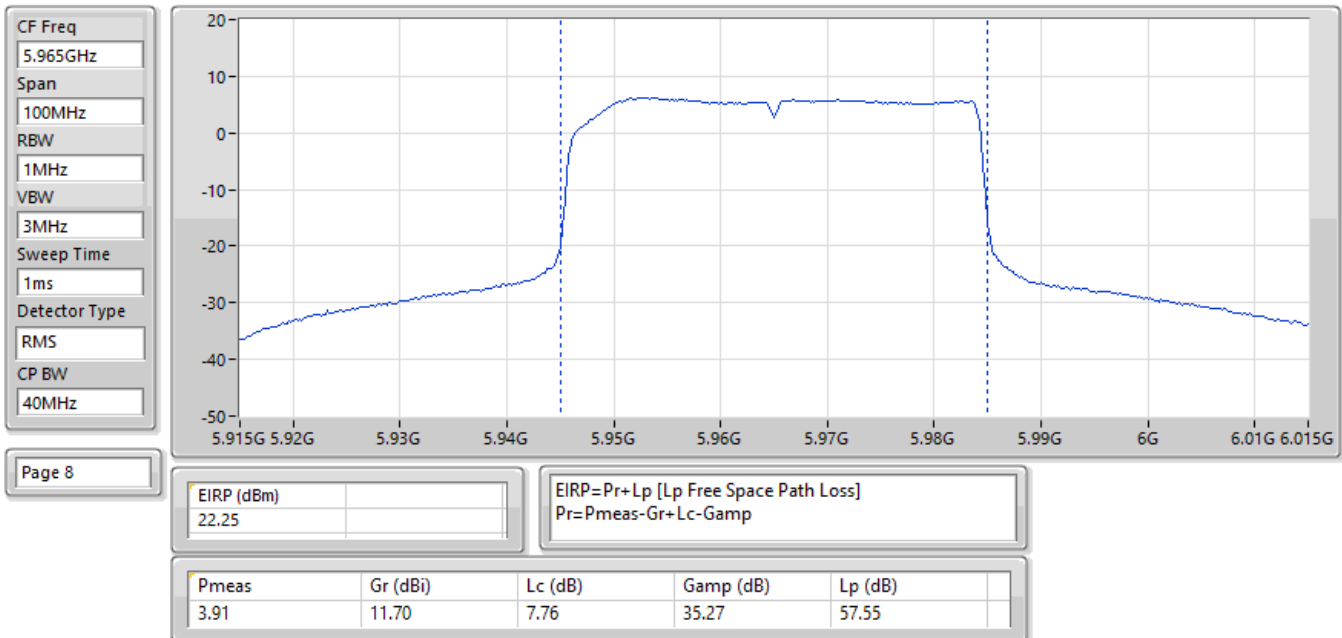
06/05/2025

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



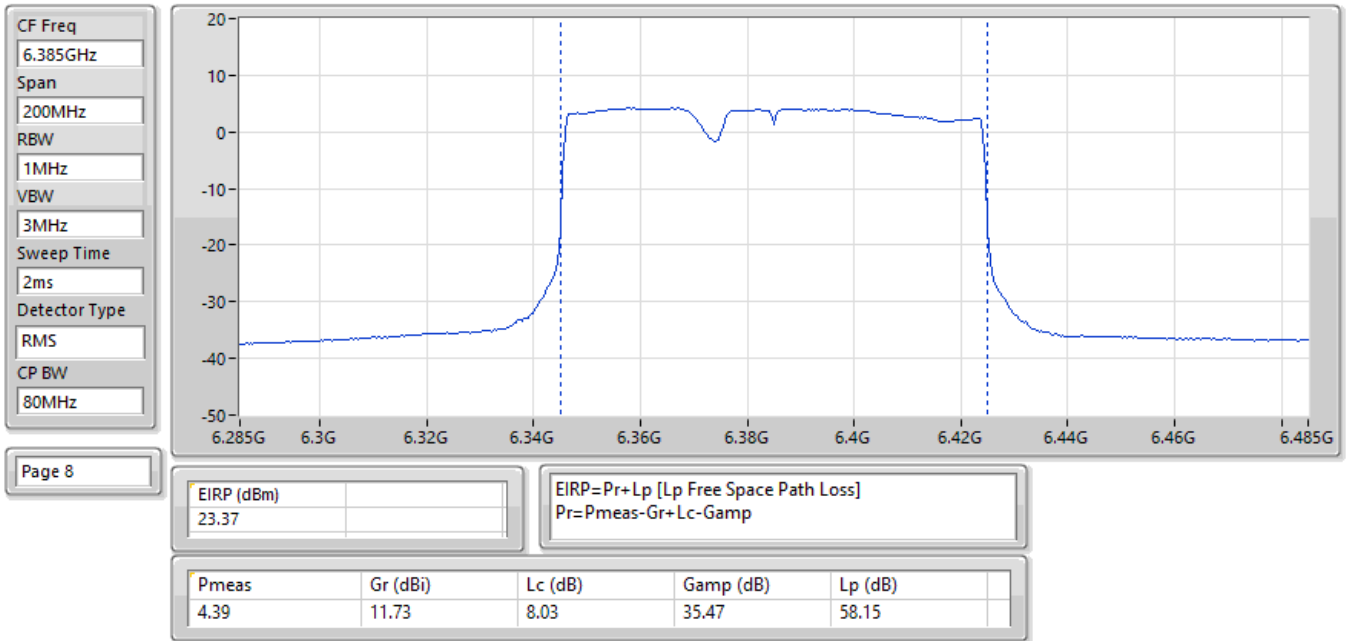
06/05/2025

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



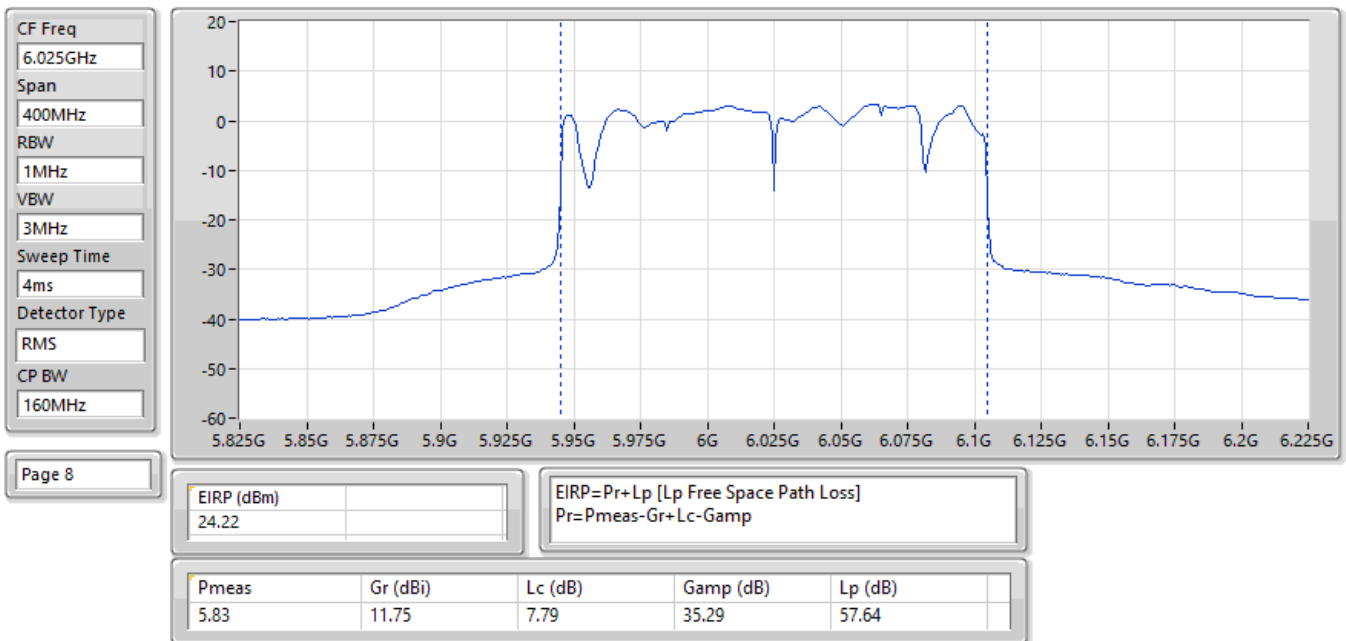
07/05/2025

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



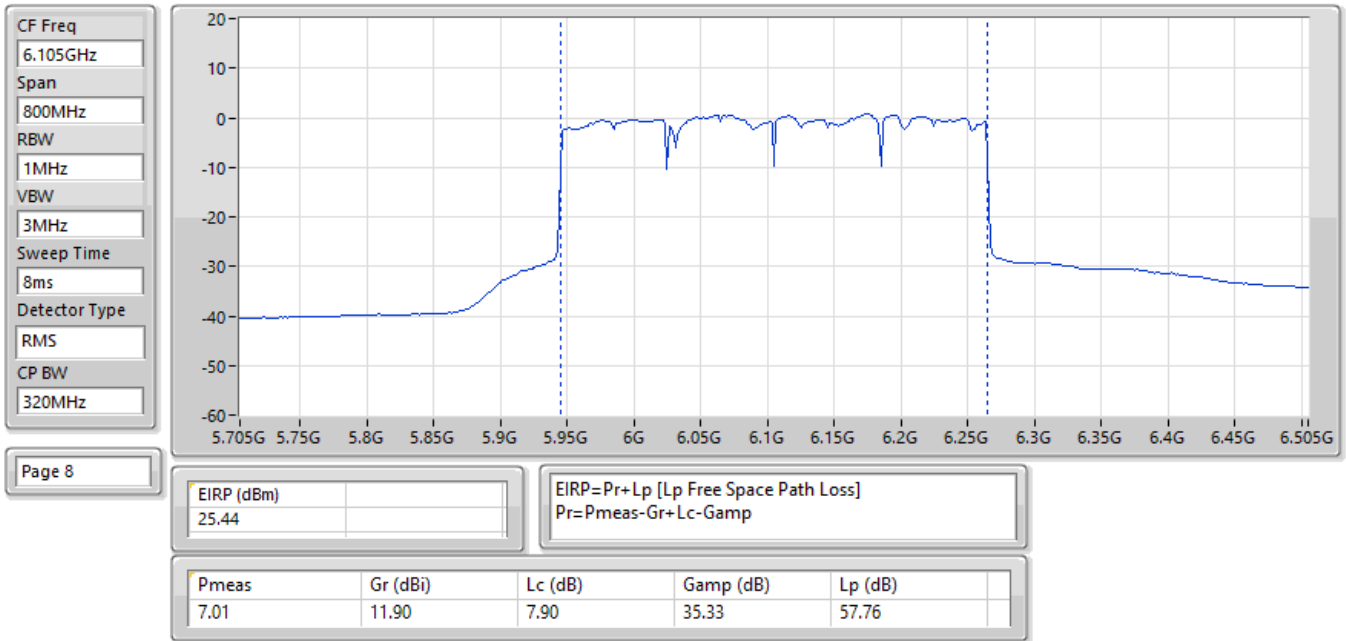
07/05/2025

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



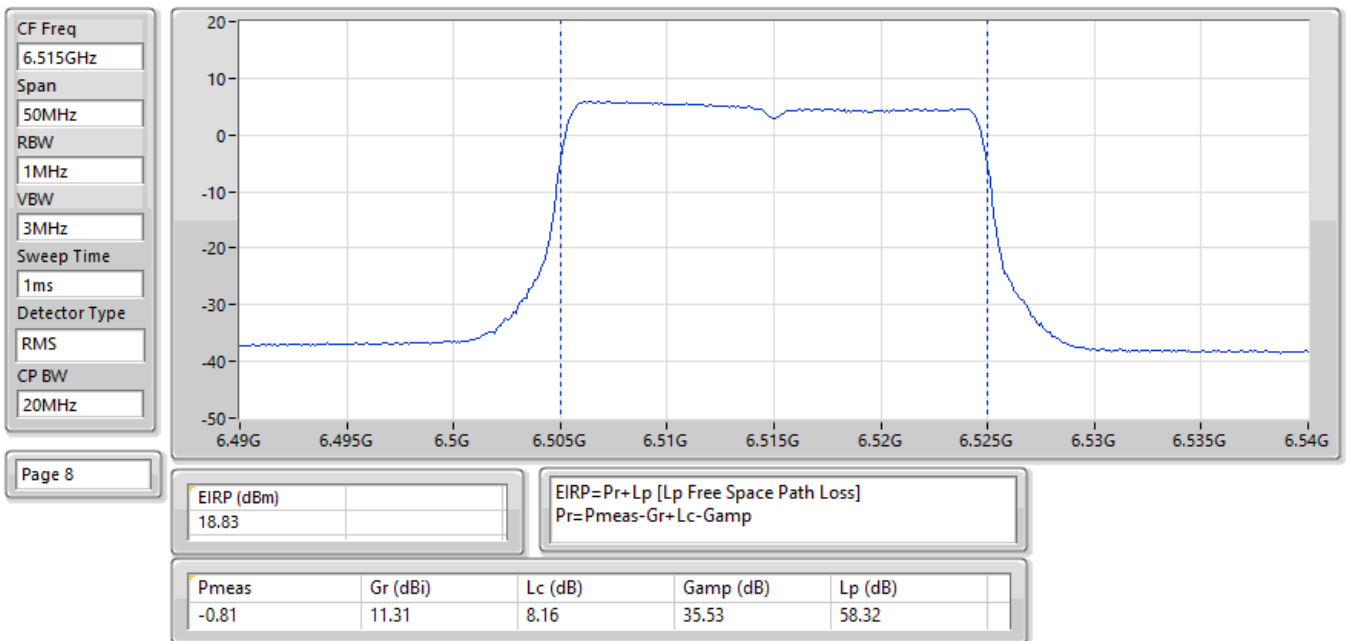
07/05/2025

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



06/05/2025

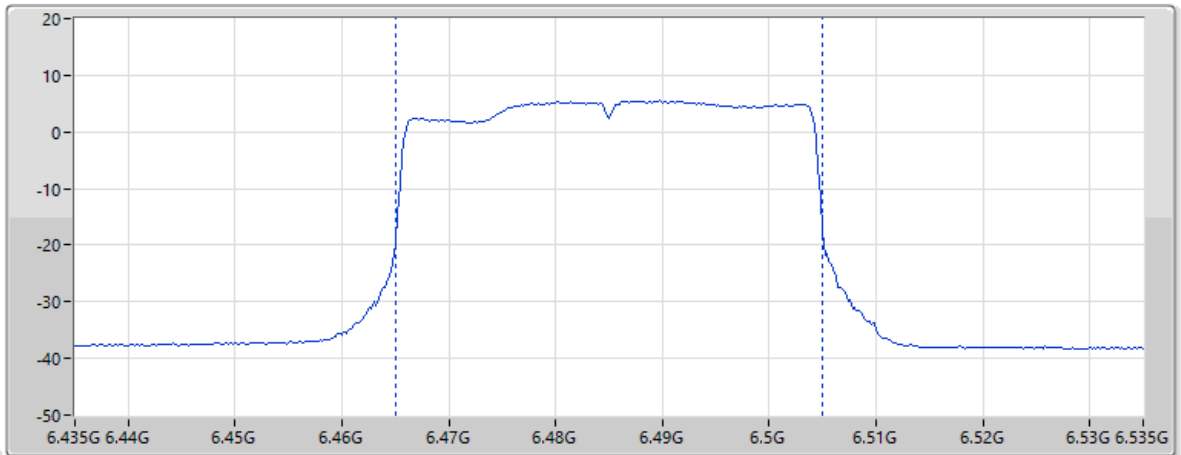
EIRP:Band:6.4G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6515MHz;TX



07/05/2025

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
1ms
Detector Type
RMS
CP BW
40MHz



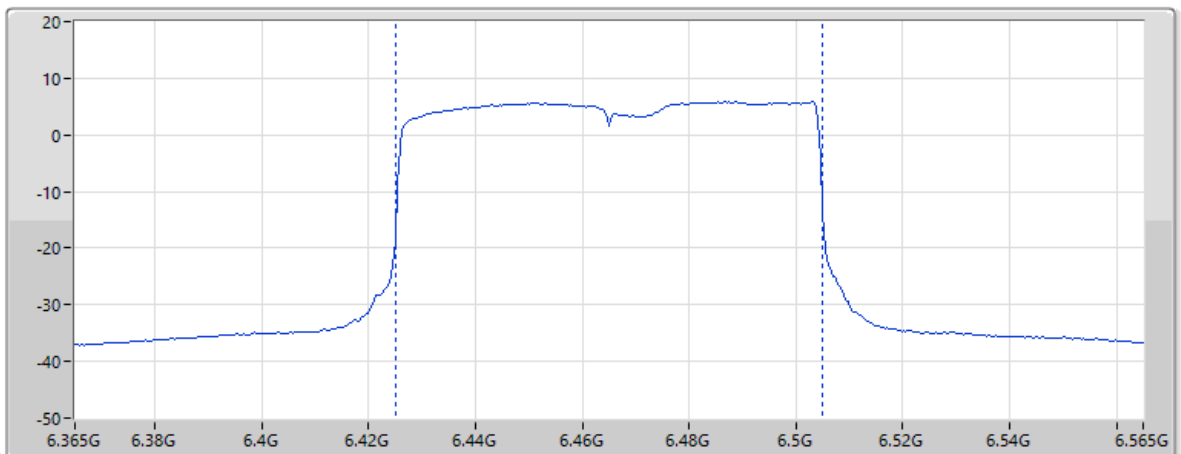
Page 8

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
21.33				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
1.90	11.46	8.13	35.52	58.28

07/05/2025

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



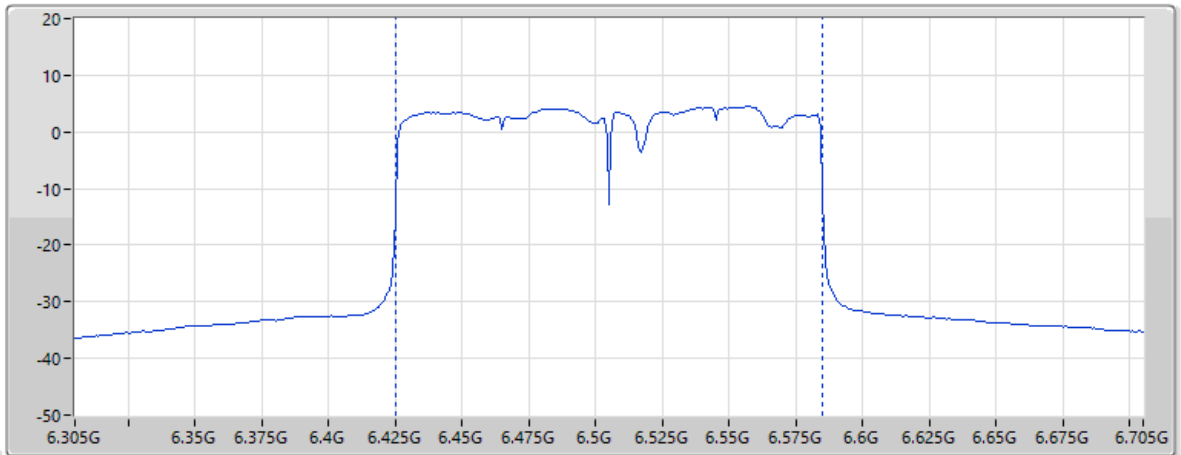
Page 8

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
25.02				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
5.72	11.54	8.10	35.51	58.25

07/05/2025

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
4ms
Detector Type
RMS
CP BW
160MHz



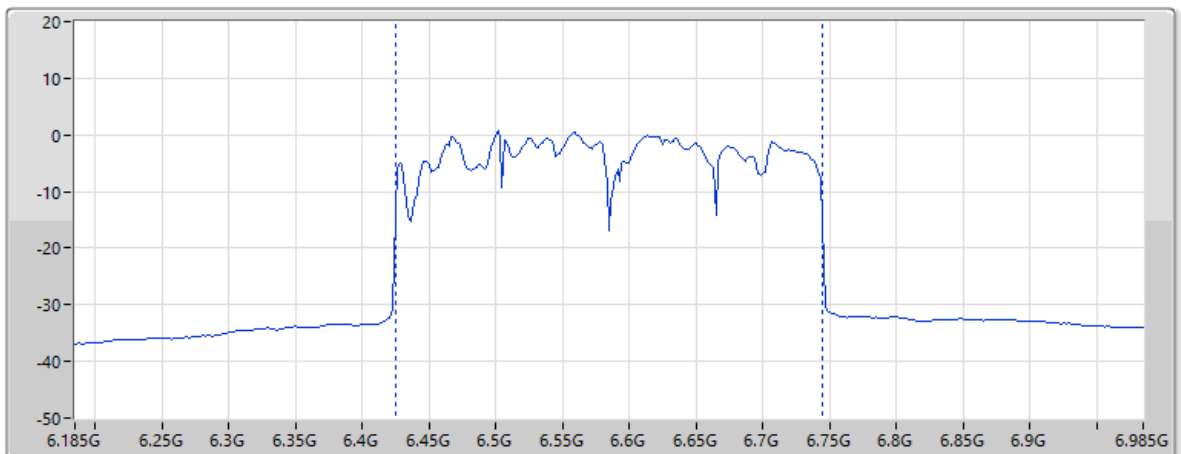
Page 8

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
26.15				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
6.59	11.37	8.15	35.53	58.31

07/05/2025

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

CF Freq
6.585GHz
Span
800MHz
RBW
1MHz
VBW
3MHz
Sweep Time
8ms
Detector Type
RMS
CP BW
320MHz



Page 8

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
23.45				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
3.29	10.96	8.24	35.53	58.41

06/05/2025

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

CF Freq
6.695GHz

Span
50MHz

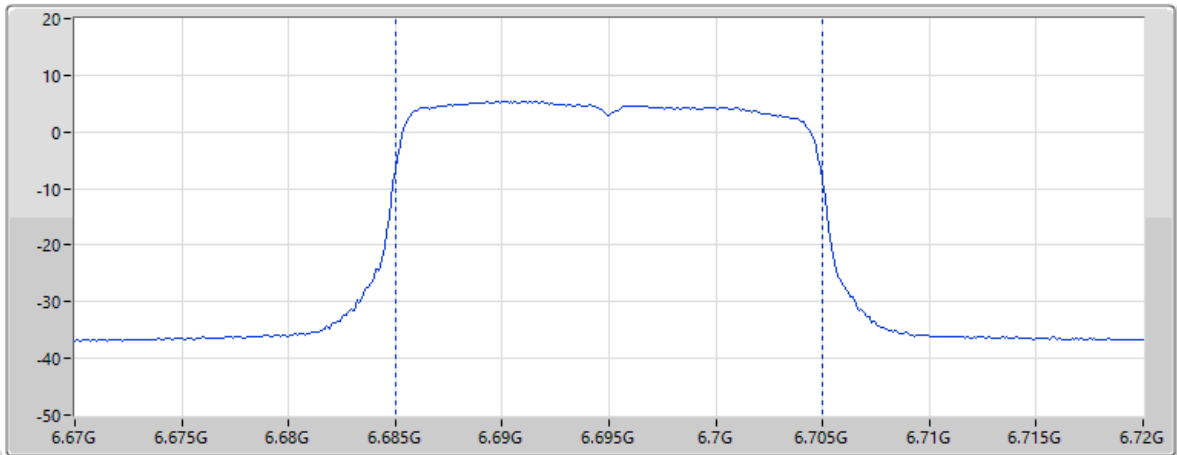
RBW
1MHz

VBW
3MHz

Sweep Time
1ms

Detector Type
RMS

CP BW
20MHz



Page 8

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
18.29				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.18	10.91	8.35	35.53	58.56

07/05/2025

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

CF Freq
6.565GHz

Span
100MHz

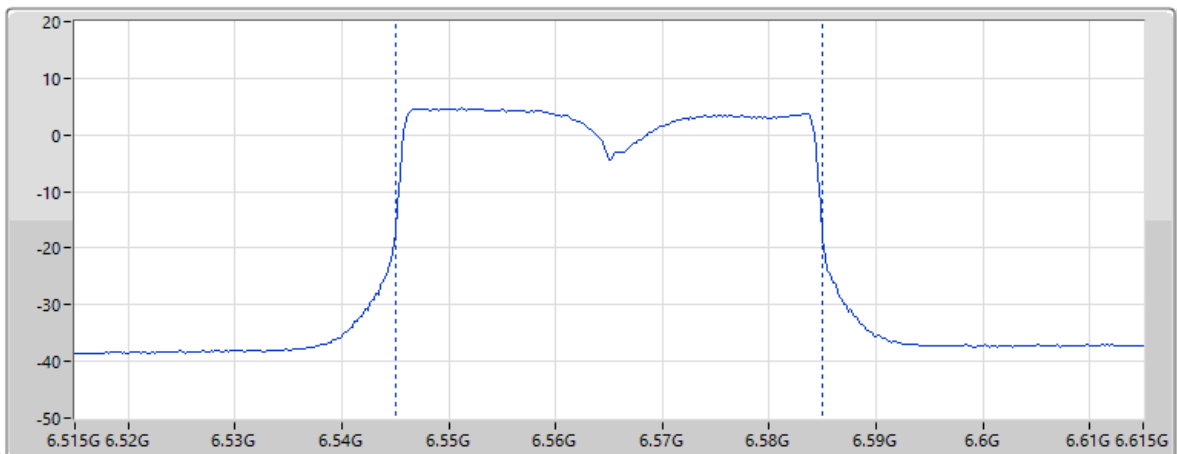
RBW
1MHz

VBW
3MHz

Sweep Time
1ms

Detector Type
RMS

CP BW
40MHz

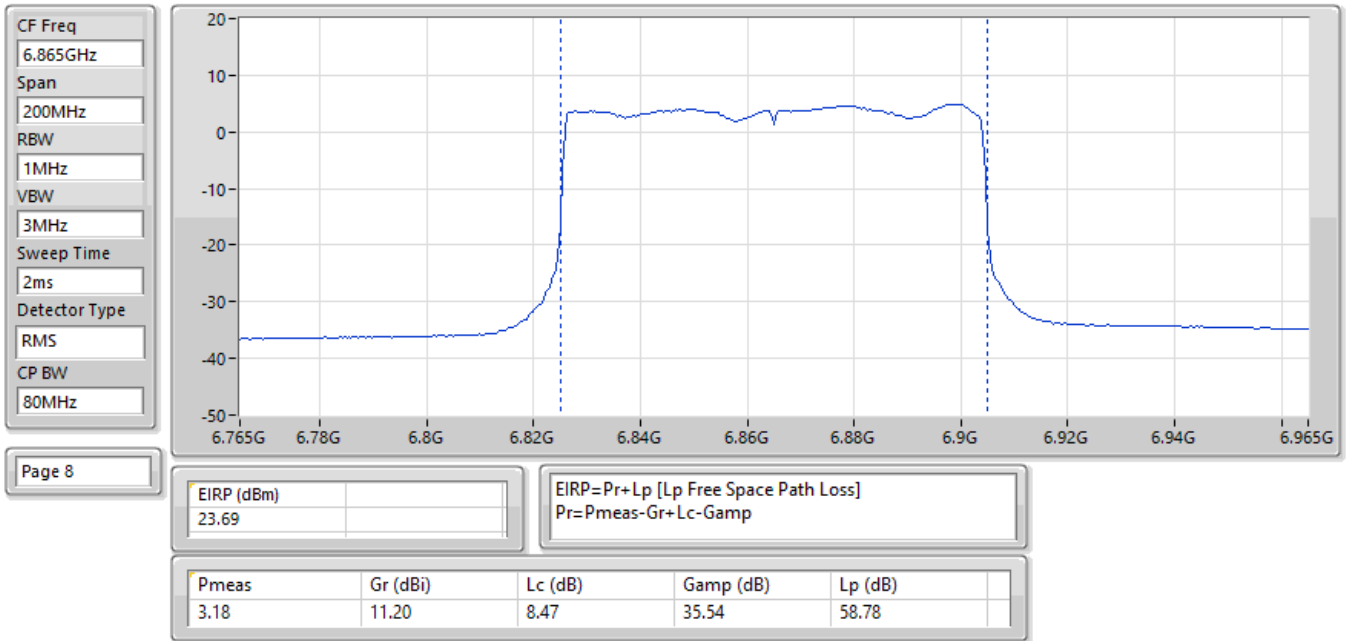


Page 8

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
20.16				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
0.12	11.04	8.22	35.53	58.39

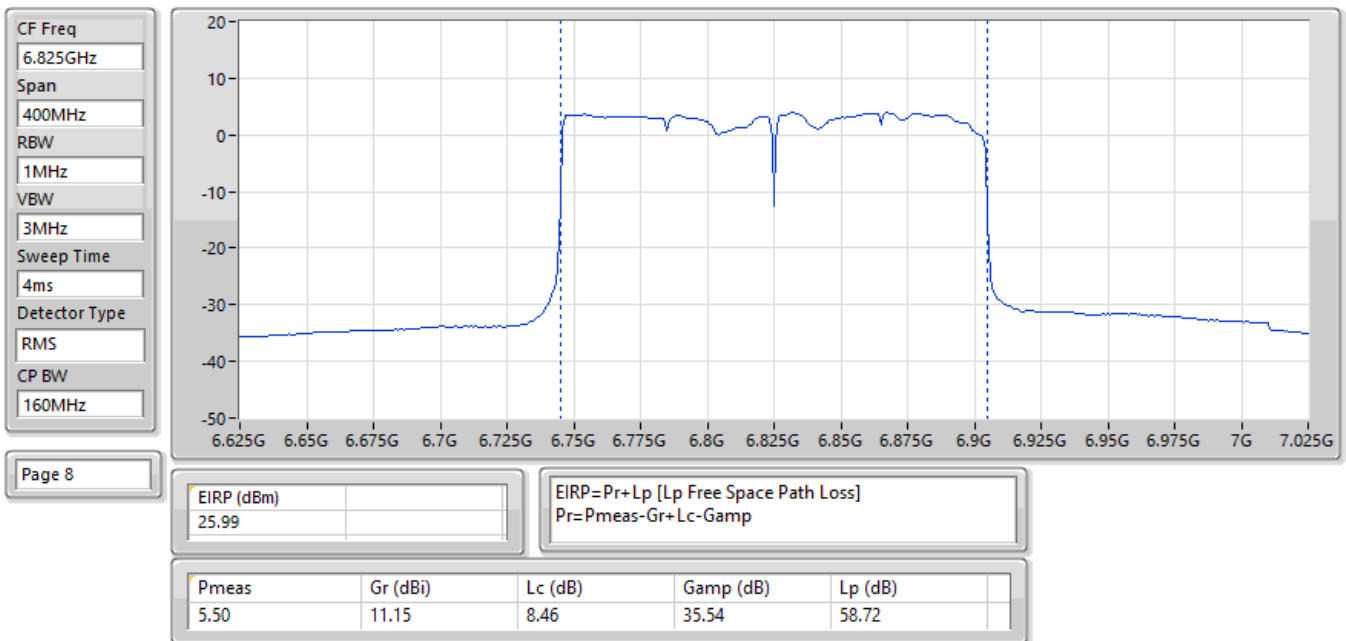
07/05/2025

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



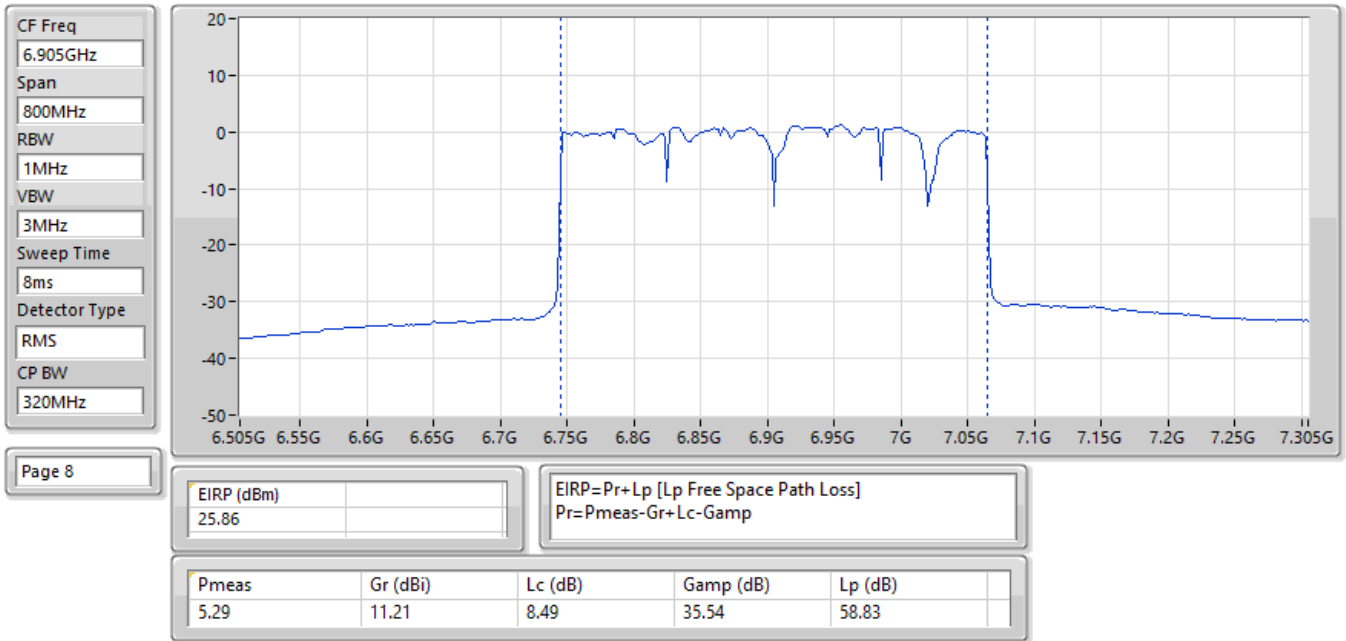
07/05/2025

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



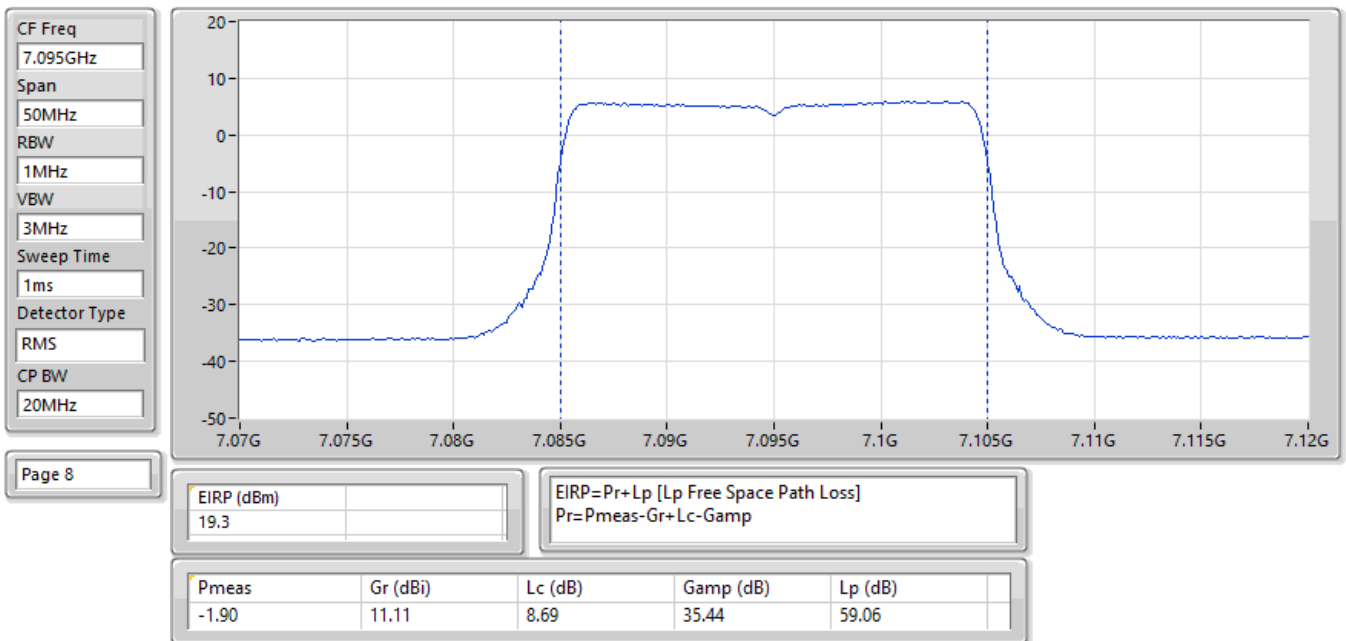
07/05/2025

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



06/05/2025

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



07/05/2025

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

CF Freq
7.005GHz

Span
100MHz

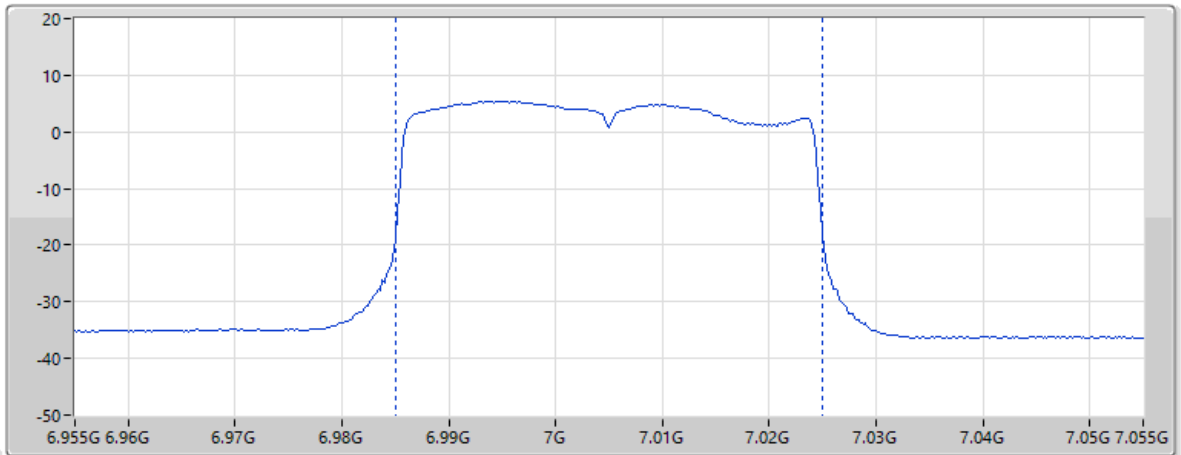
RBW
1MHz

VBW
3MHz

Sweep Time
1ms

Detector Type
RMS

CP BW
40MHz



Page 8

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
20.86				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
0.29	11.38	8.53	35.53	58.95

07/05/2025

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

CF Freq
6.945GHz

Span
200MHz

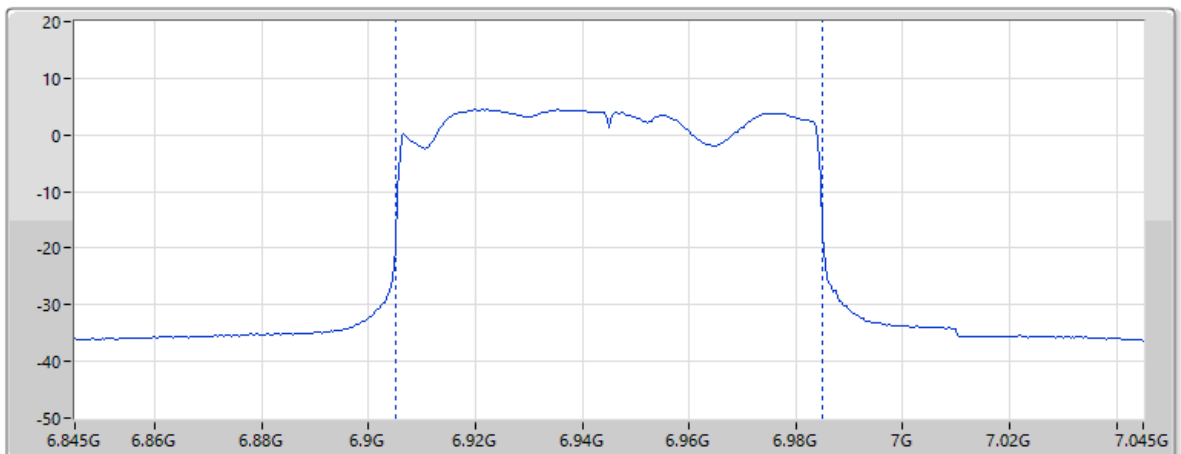
RBW
1MHz

VBW
3MHz

Sweep Time
2ms

Detector Type
RMS

CP BW
80MHz

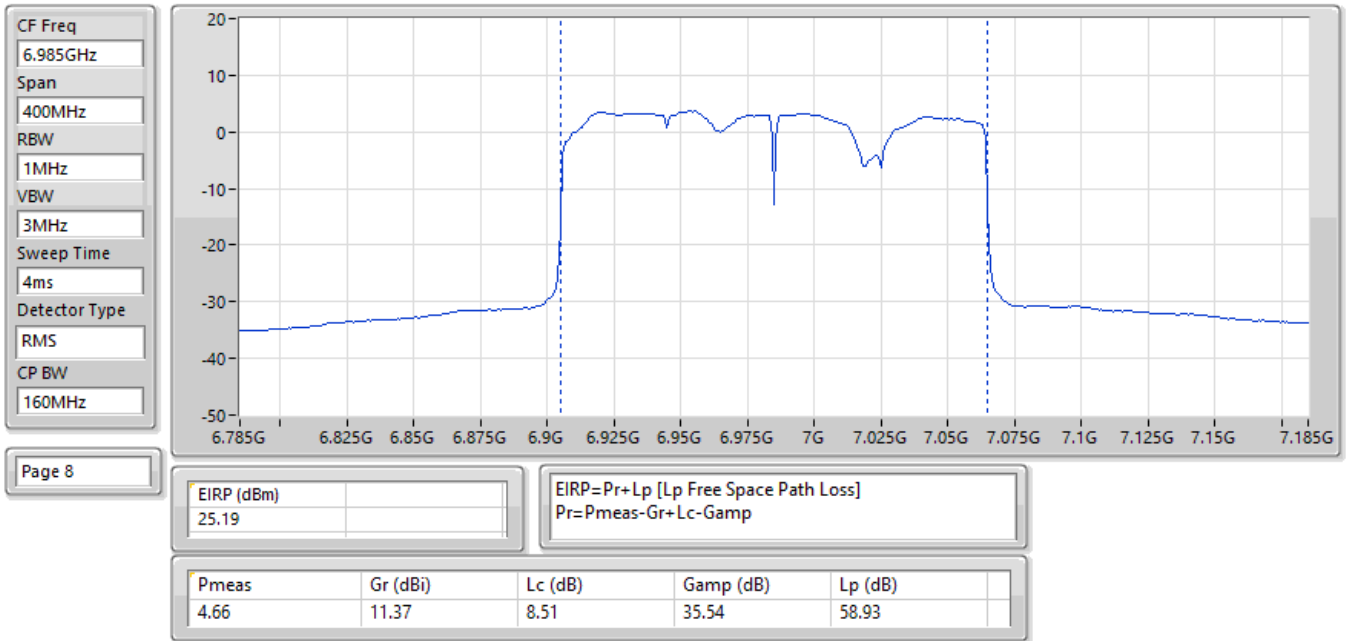


Page 8

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
22.96				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
2.41	11.29	8.50	35.54	58.88

07/05/2025

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



**Summary**

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	4.96
802.11be EHT40_Nss1,(MCS0)_2TX	4.90
802.11be EHT80_Nss1,(MCS0)_2TX	4.87
802.11be EHT160_Nss1,(MCS0)_2TX	4.99
802.11be EHT320_Nss1,(MCS0)_2TX	4.50
6.425-6.525GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	4.87
802.11be EHT40_Nss1,(MCS0)_2TX	4.88
802.11be EHT80_Nss1,(MCS0)_2TX	4.86
802.11be EHT160_Nss1,(MCS0)_2TX	4.56
802.11be EHT320_Nss1,(MCS0)_2TX	4.33
6.525-6.875GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	4.90
802.11be EHT40_Nss1,(MCS0)_2TX	4.88
802.11be EHT80_Nss1,(MCS0)_2TX	4.92
802.11be EHT160_Nss1,(MCS0)_2TX	4.93
802.11be EHT320_Nss1,(MCS0)_2TX	4.93
6.875-7.125GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	4.94
802.11be EHT40_Nss1,(MCS0)_2TX	4.87
802.11be EHT80_Nss1,(MCS0)_2TX	4.97
802.11be EHT160_Nss1,(MCS0)_2TX	4.90

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	4.96	5.00
6195MHz	Pass	4.77	5.00
6415MHz	Pass	4.92	5.00
6435MHz	Pass	4.81	5.00
6475MHz	Pass	4.67	5.00
6515MHz	Pass	4.87	5.00
6535MHz	Pass	4.60	5.00
6695MHz	Pass	4.90	5.00
6875MHz	Pass	4.63	5.00
6895MHz	Pass	4.67	5.00
6995MHz	Pass	4.94	5.00
7095MHz	Pass	4.72	5.00
7115MHz	Pass	-3.79	5.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	4.63	5.00
6205MHz	Pass	4.90	5.00
6405MHz	Pass	4.55	5.00
6445MHz	Pass	4.59	5.00
6485MHz	Pass	4.53	5.00
6525MHz	Pass	4.88	5.00
6565MHz	Pass	4.80	5.00
6685MHz	Pass	4.88	5.00
6885MHz	Pass	4.61	5.00
6925MHz	Pass	4.87	5.00
7005MHz	Pass	4.69	5.00
7085MHz	Pass	4.84	5.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	4.87	5.00
6225MHz	Pass	4.62	5.00
6385MHz	Pass	4.66	5.00
6465MHz	Pass	4.86	5.00
6545MHz	Pass	4.80	5.00
6625MHz	Pass	4.83	5.00
6705MHz	Pass	4.59	5.00
6785MHz	Pass	4.70	5.00
6865MHz	Pass	4.92	5.00
6945MHz	Pass	4.68	5.00
7025MHz	Pass	4.97	5.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	4.99	5.00
6185MHz	Pass	4.75	5.00
6345MHz	Pass	4.79	5.00
6505MHz	Pass	4.56	5.00
6665MHz	Pass	4.40	5.00
6825MHz	Pass	4.93	5.00



Radiated PSD_Non-Beamforming

Appendix D.1

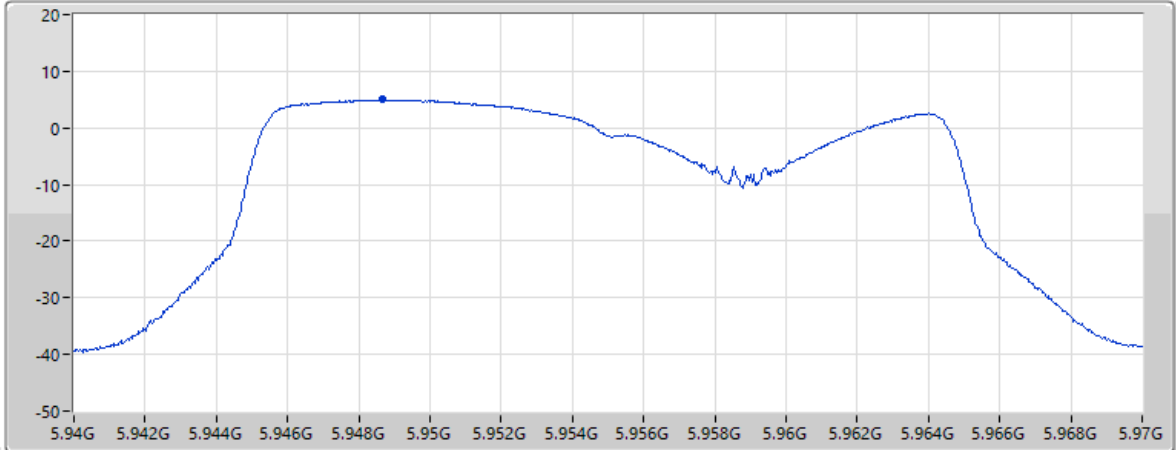
Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
6985MHz	Pass	4.90	5.00
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-
6105MHz	Pass	3.83	5.00
6265MHz	Pass	4.50	5.00
6425MHz	Pass	4.30	5.00
6585MHz	Pass	4.33	5.00
6745MHz	Pass	4.93	5.00
6905MHz	Pass	2.82	5.00

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

05/05/2025

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



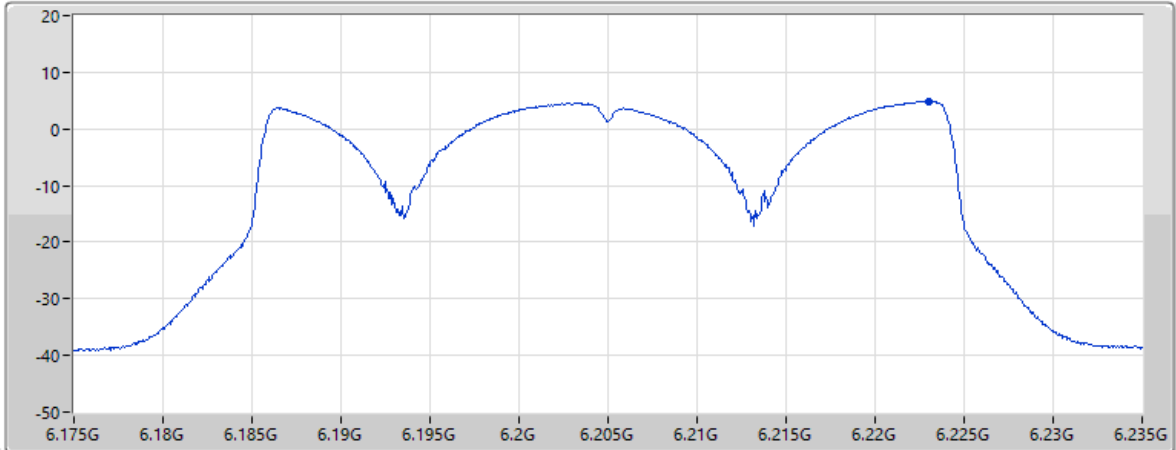
Page 6

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
4.96				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-13.39	11.69	7.77	35.26	57.53

05/05/2025

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

CF Freq
6.205GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
40MHz



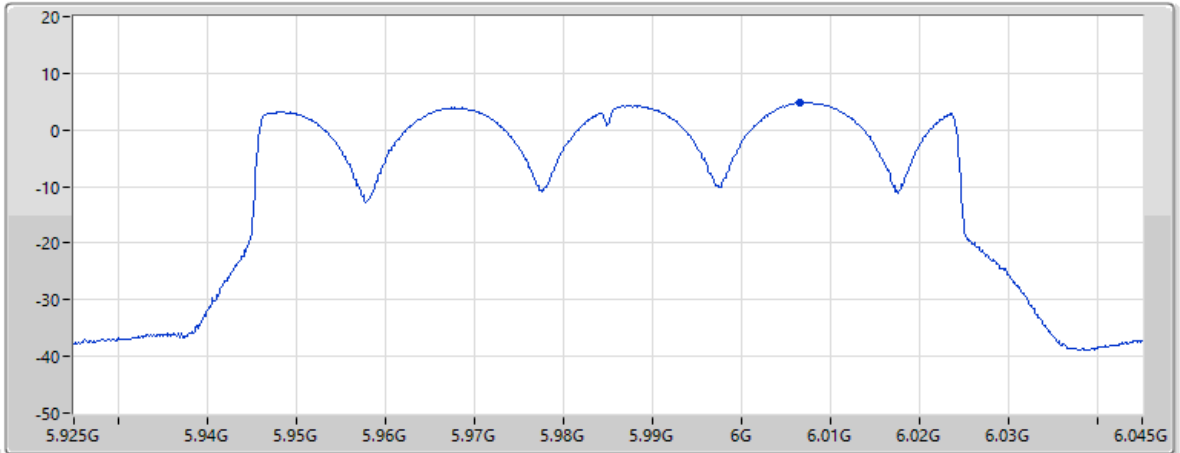
Page 6

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
4.9				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-13.82	11.85	8.04	35.39	57.92

05/05/2025

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



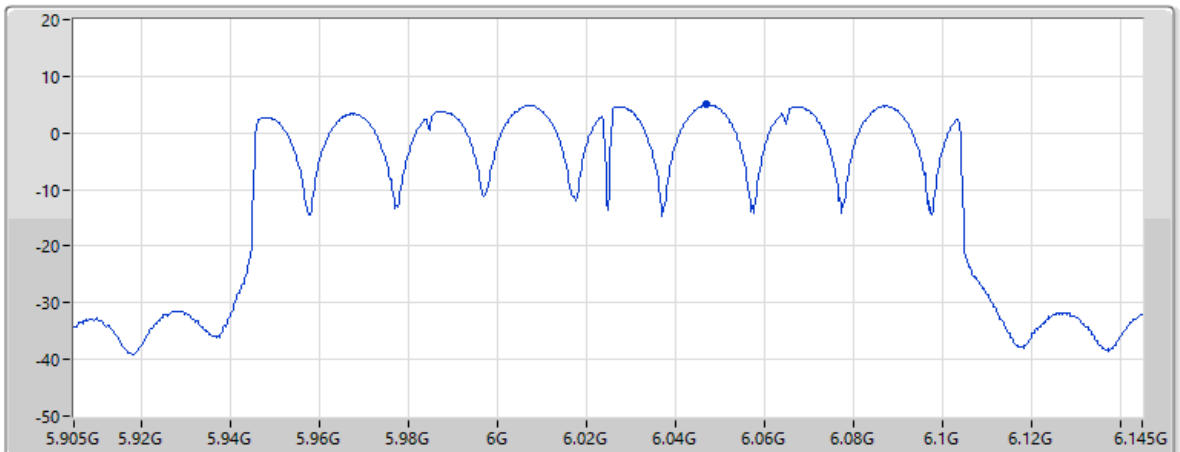
Page 6

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
4.87				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-13.51	11.71	7.76	35.28	57.61

05/05/2025

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

CF Freq
6.025GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
160MHz



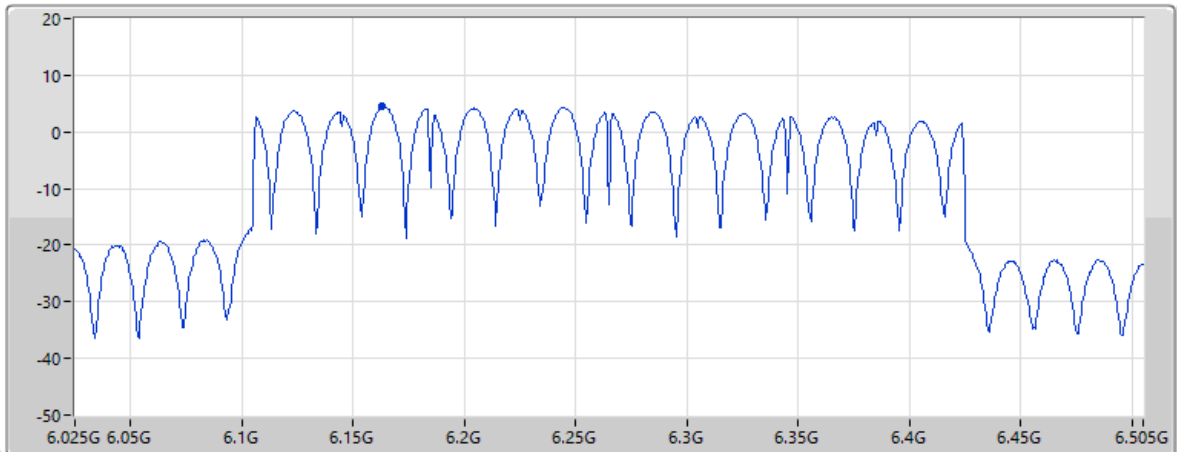
Page 6

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
4.99				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-13.41	11.79	7.82	35.30	57.67

06/05/2025

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

CF Freq
6.265GHz
Span
480MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
320MHz



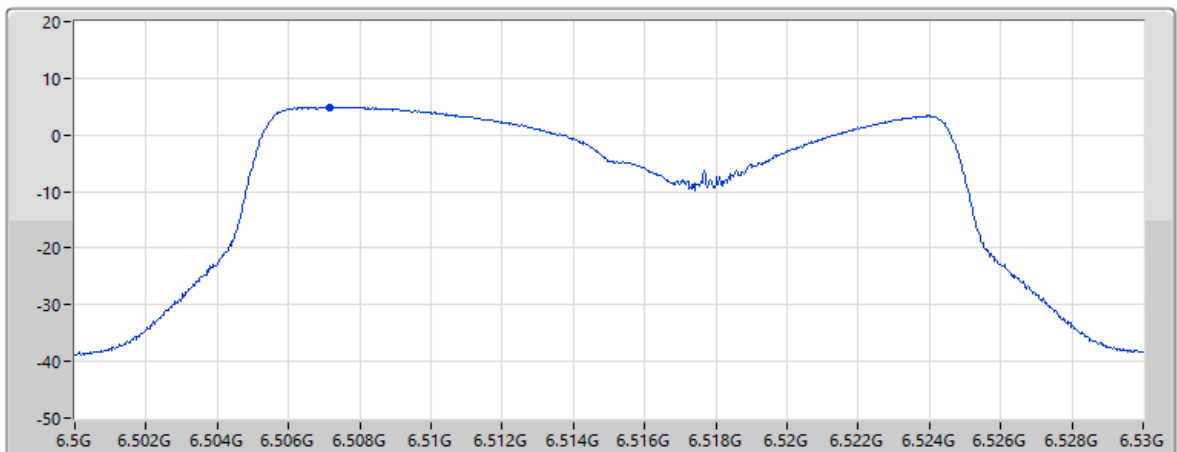
Page 6

EIRP PSD (dBm)	4.5	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-14.07	11.90	7.99	35.36	57.84

05/05/2025

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

CF Freq
6.515GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz

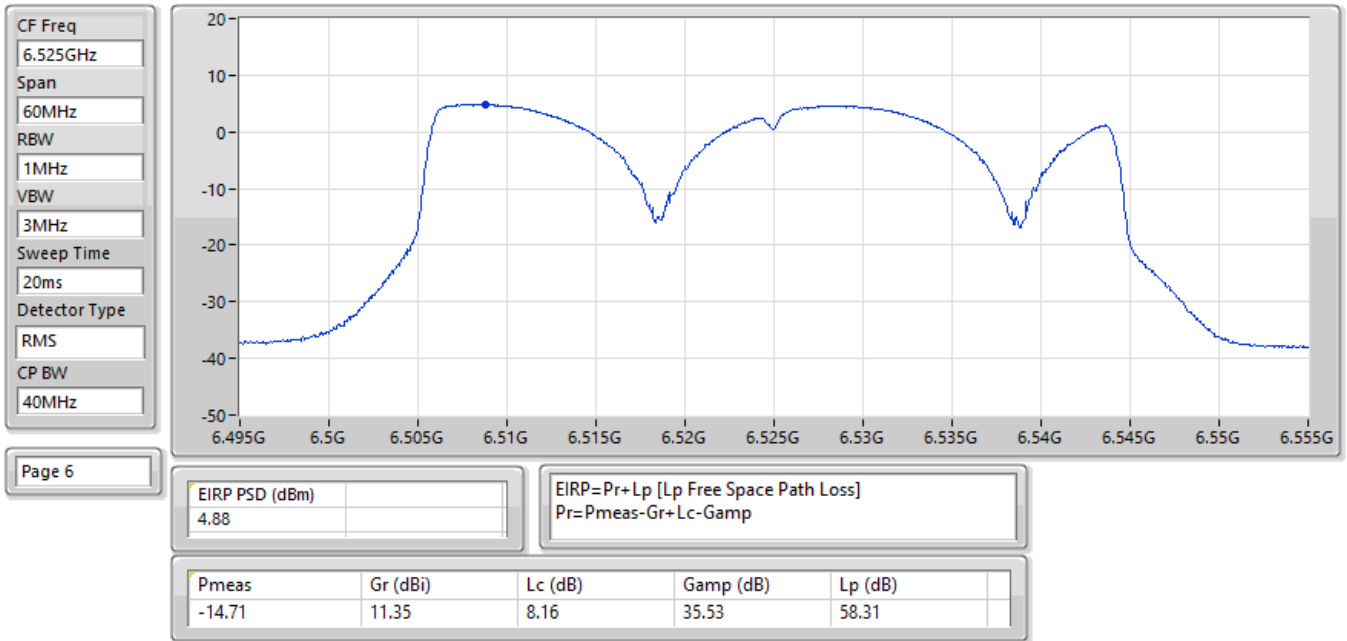


Page 6

EIRP PSD (dBm)	4.87	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-14.70	11.36	8.15	35.53	58.31

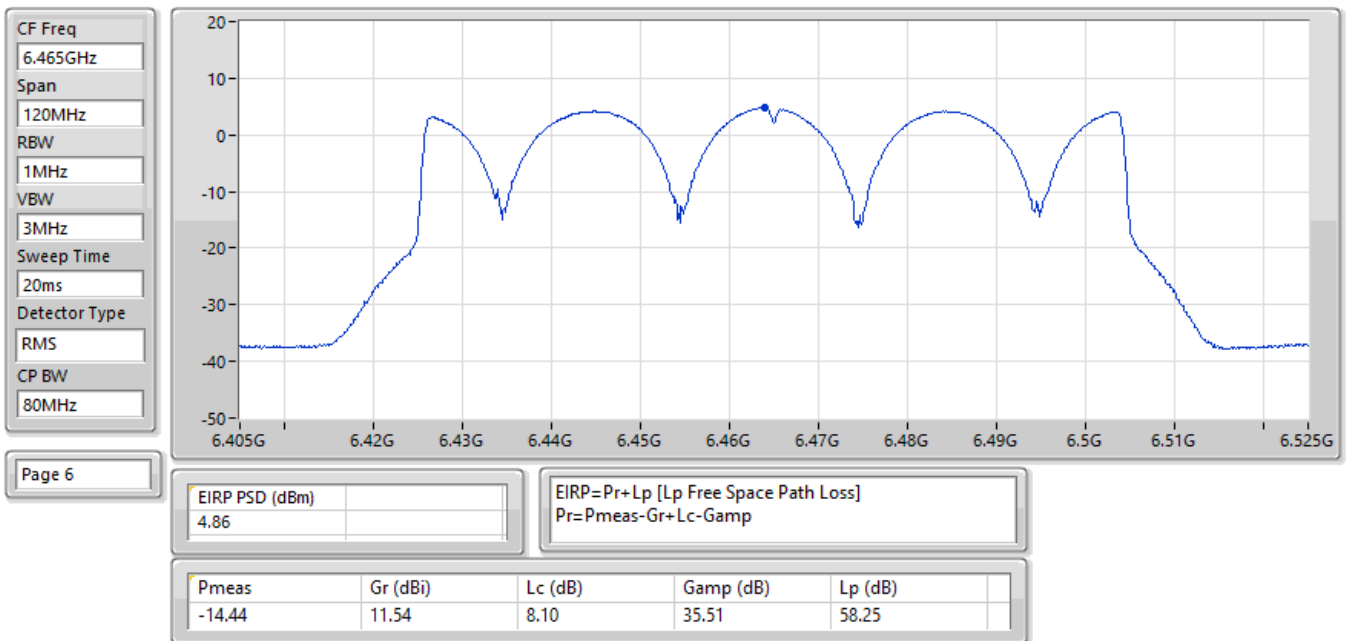
05/05/2025

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



05/05/2025

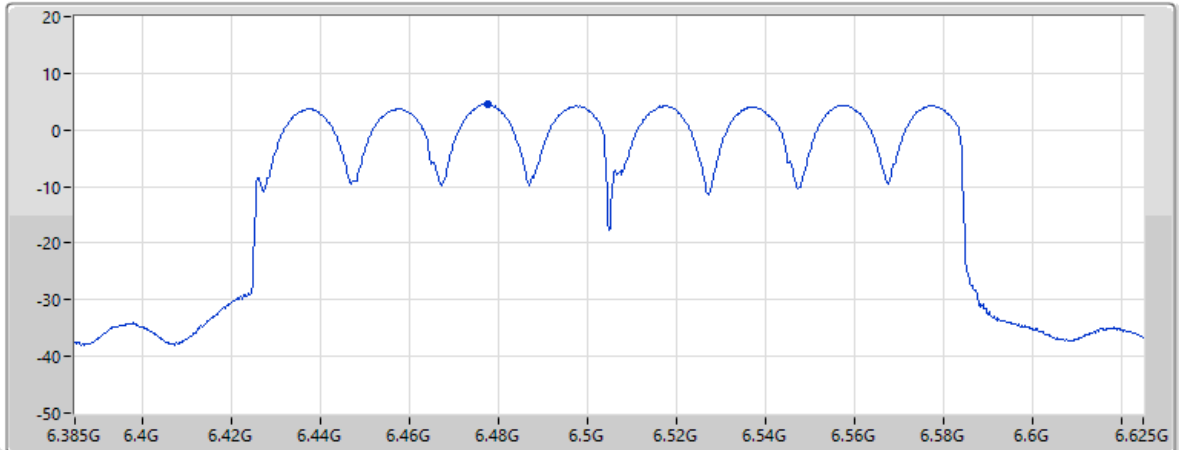
EIRP PSD;Band:6.4G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6465MHz;TX



05/05/2025

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



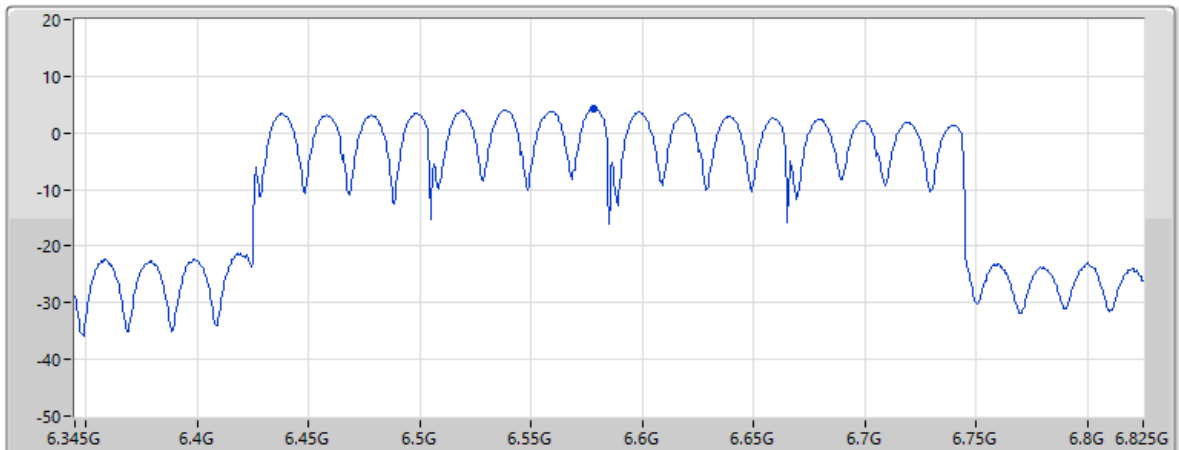
Page 6

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
4.56				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-14.82	11.49	8.12	35.52	58.27

06/05/2025

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



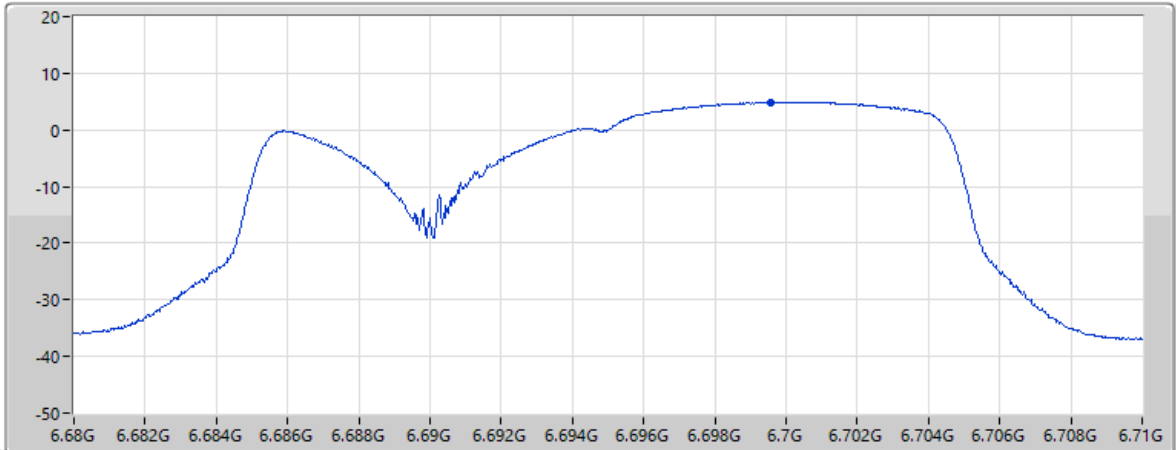
Page 6

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
4.33				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-15.78	10.99	8.23	35.53	58.40

05/05/2025

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



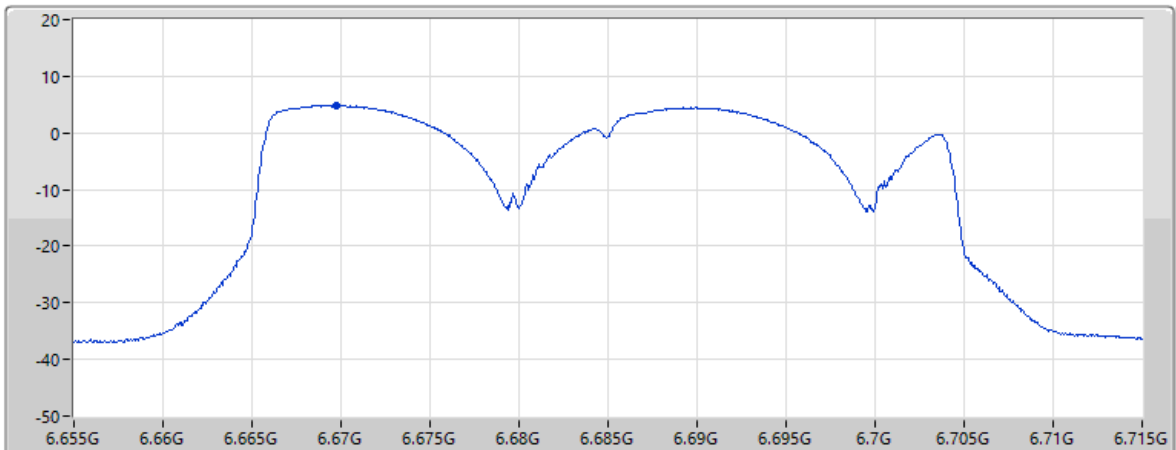
Page 6

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
4.9				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-15.58	10.90	8.35	35.53	58.56

05/05/2025

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

CF Freq
6.685GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
40MHz

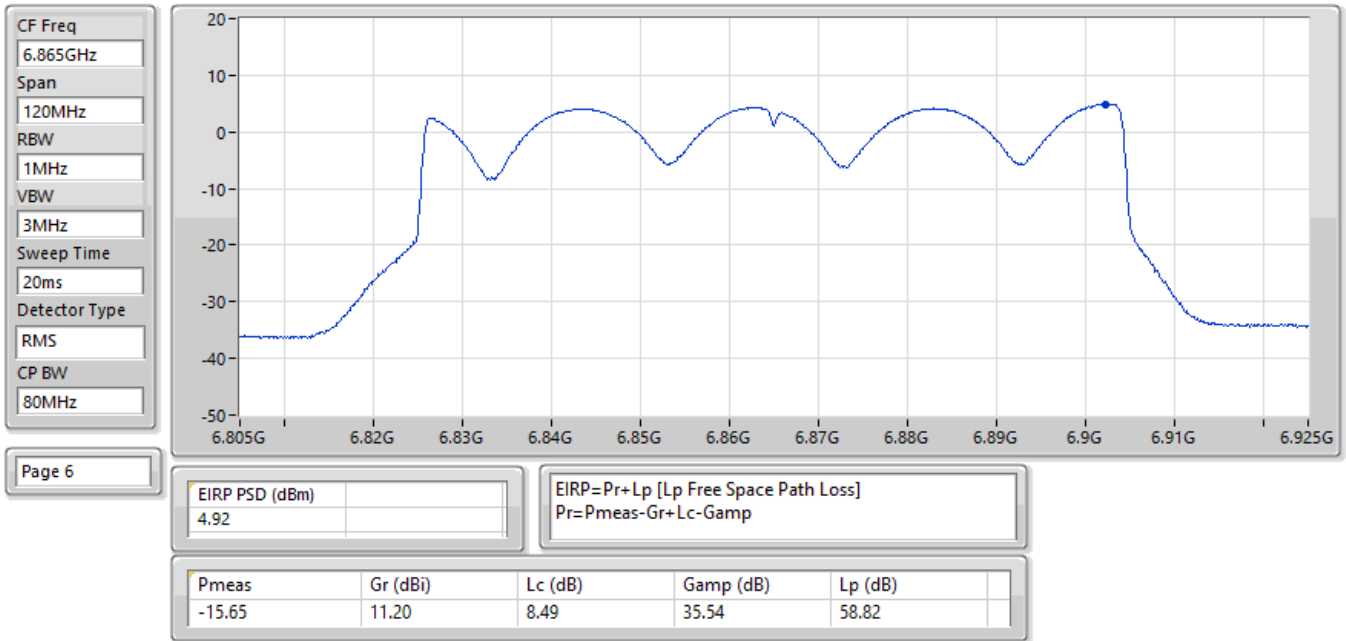


Page 6

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)
-15.48	10.96	8.33	35.53	58.52

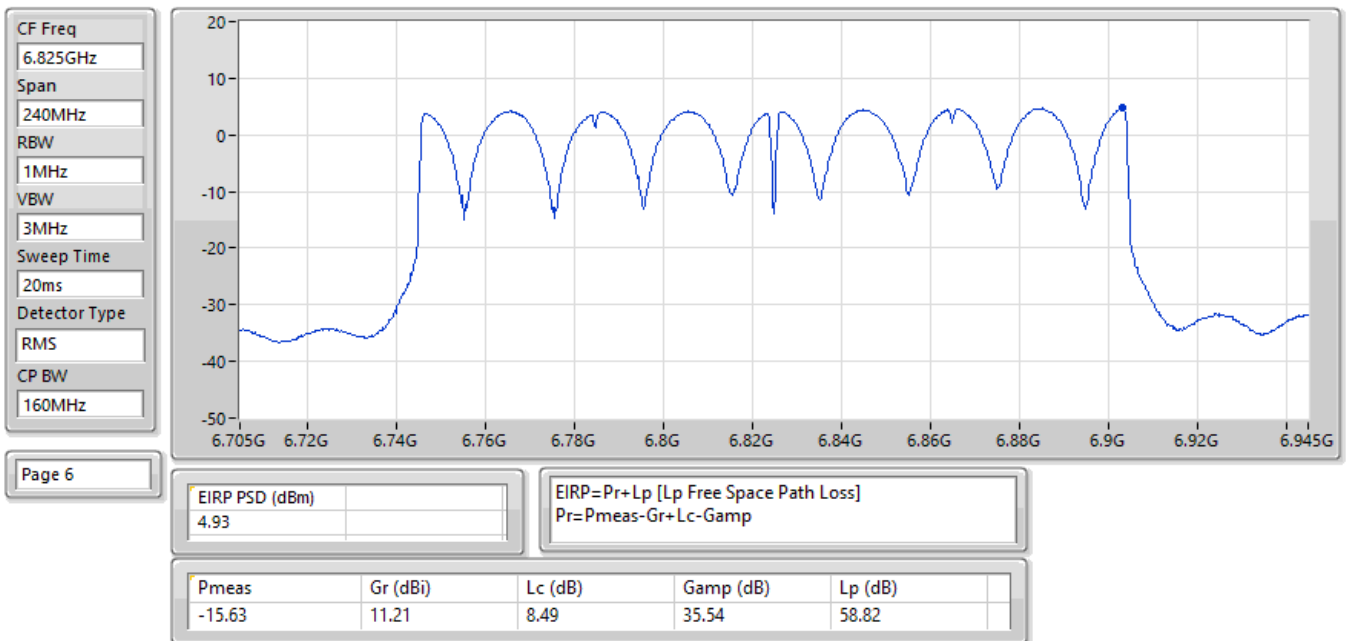
05/05/2025

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



05/05/2025

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



05/05/2025

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

CF Freq
6.745GHz

Span
480MHz

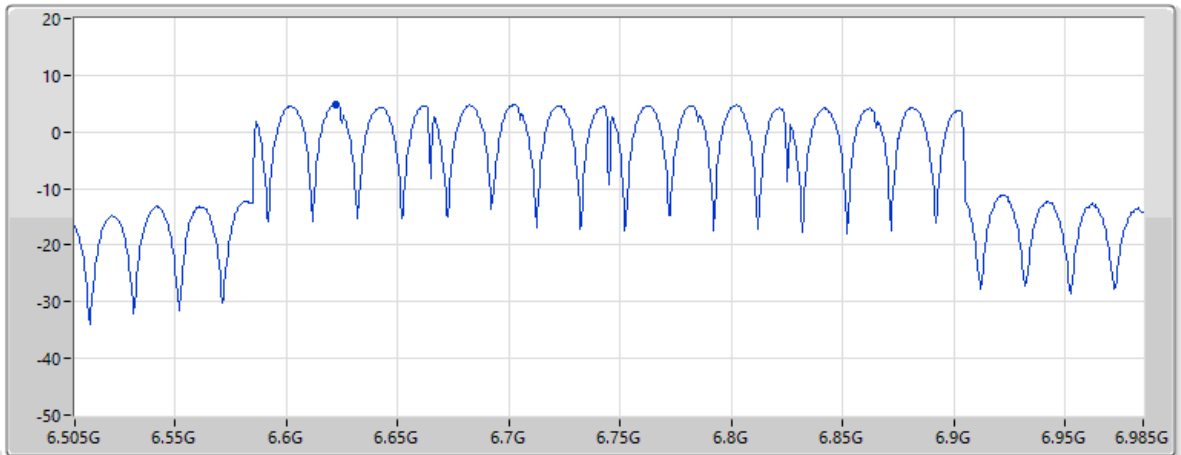
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
320MHz



Page 6

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)
-15.34	10.94	8.28	35.53	58.46

05/05/2025

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

CF Freq
6.995GHz

Span
30MHz

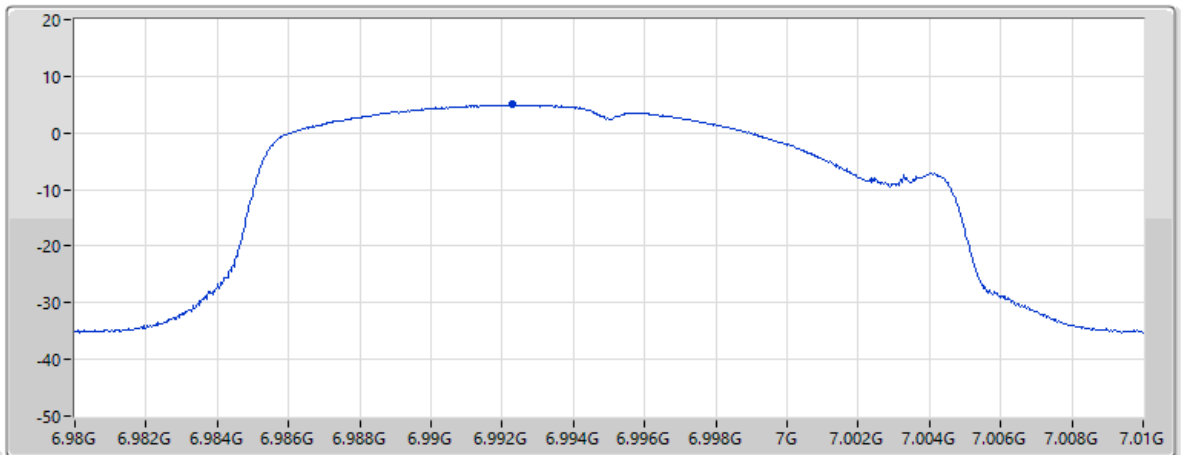
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
20MHz

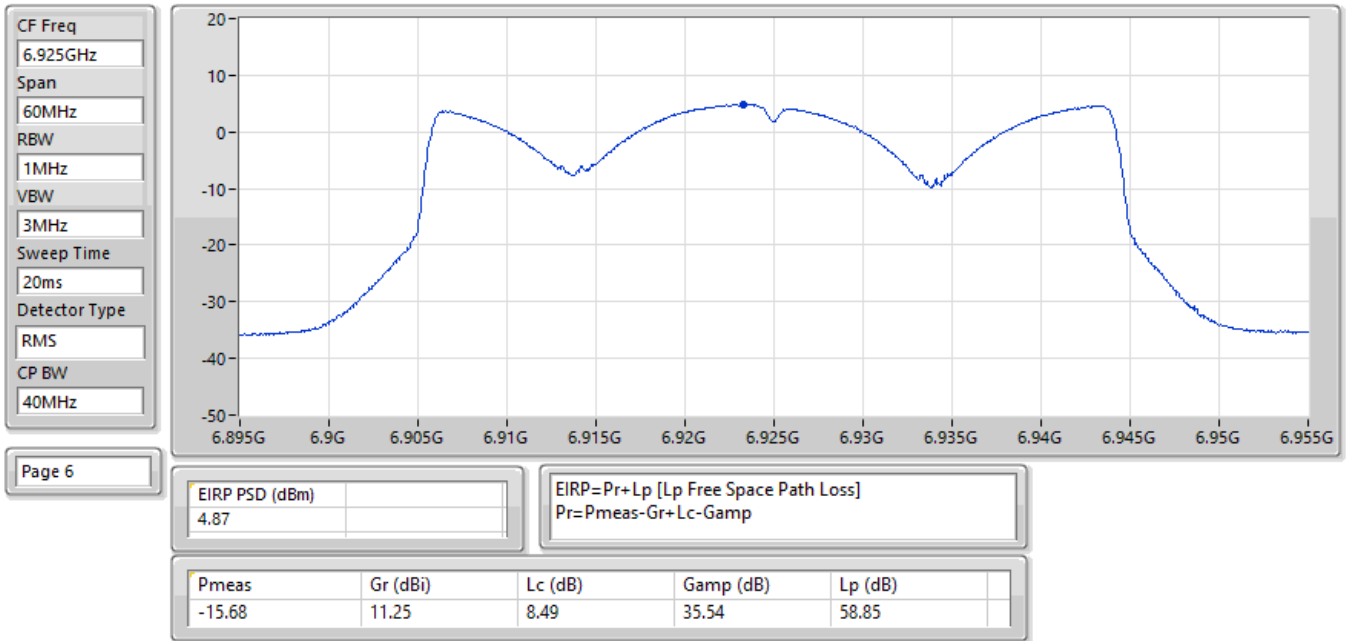


Page 6

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
4.94		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-15.59	11.38	8.52	35.54	58.93

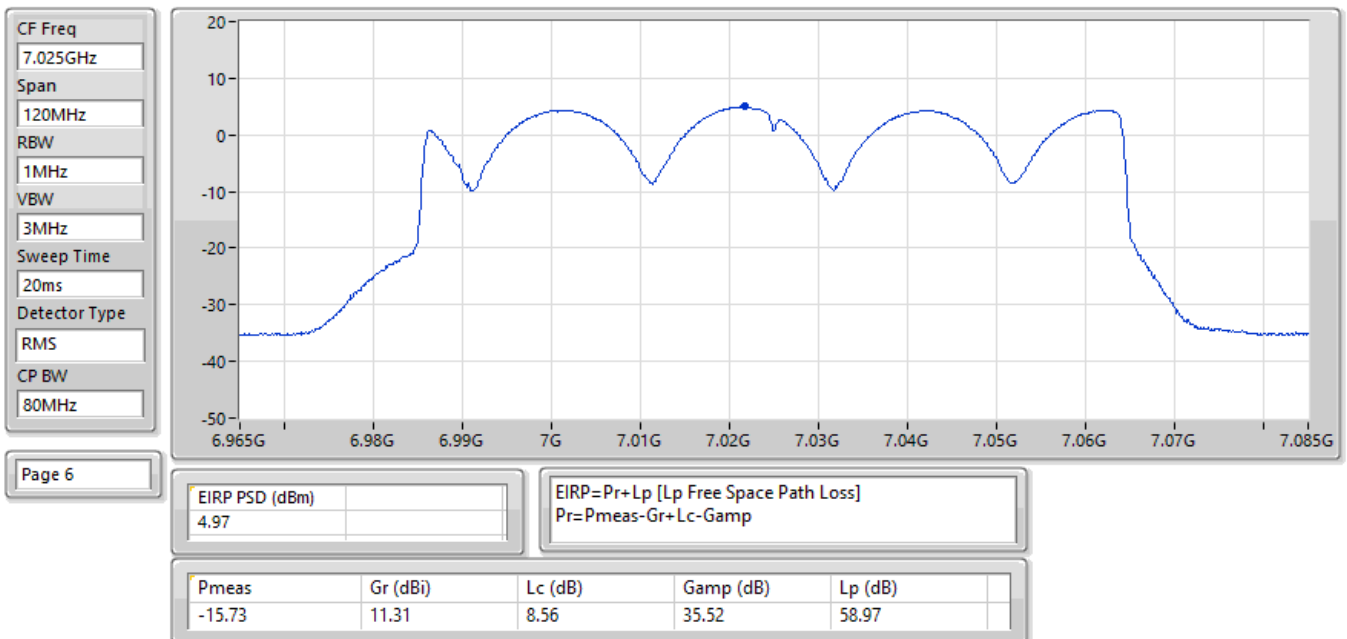
05/05/2025

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



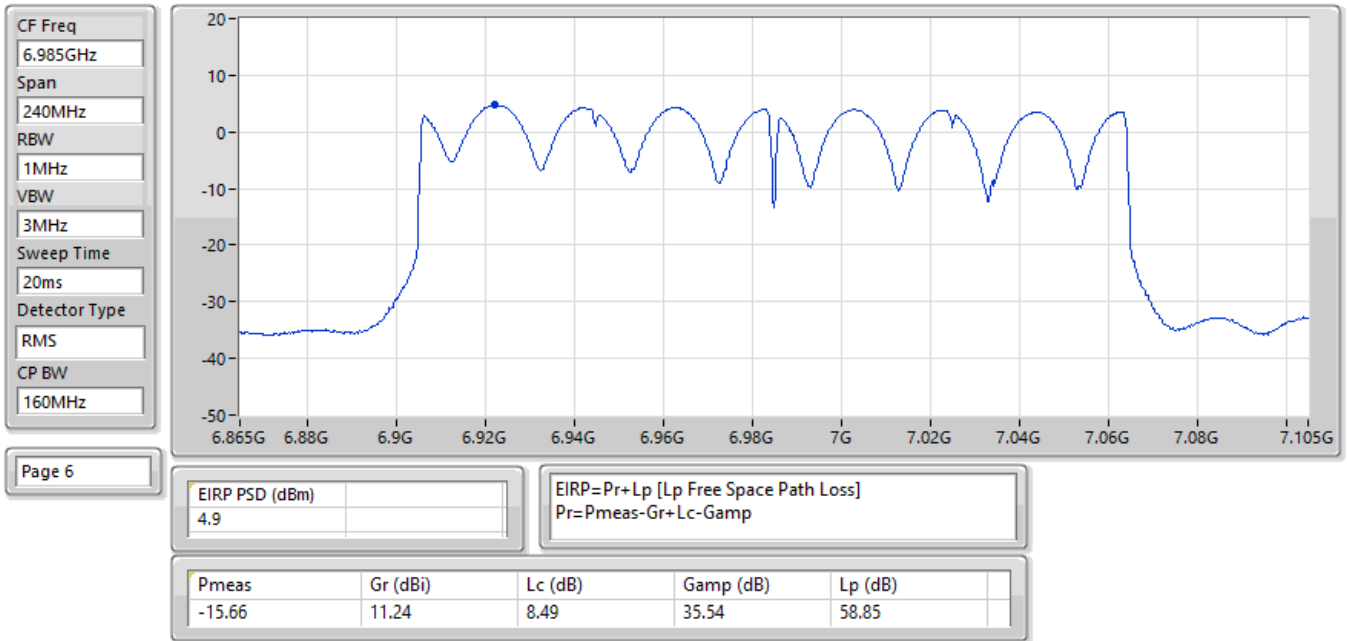
05/05/2025

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



05/05/2025

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



Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	4.10
802.11be EHT40-BF_Nss1,(MCS0)_2TX	4.93
802.11be EHT80-BF_Nss1,(MCS0)_2TX	4.93
802.11be EHT160-BF_Nss1,(MCS0)_2TX	3.85
802.11be EHT320-BF_Nss1,(MCS0)_2TX	1.93
6.425-6.525GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	4.67
802.11be EHT40-BF_Nss1,(MCS0)_2TX	4.55
802.11be EHT80-BF_Nss1,(MCS0)_2TX	4.71
802.11be EHT160-BF_Nss1,(MCS0)_2TX	3.85
802.11be EHT320-BF_Nss1,(MCS0)_2TX	2.82
6.525-6.875GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	4.39
802.11be EHT40-BF_Nss1,(MCS0)_2TX	4.96
802.11be EHT80-BF_Nss1,(MCS0)_2TX	4.64
802.11be EHT160-BF_Nss1,(MCS0)_2TX	4.75
802.11be EHT320-BF_Nss1,(MCS0)_2TX	3.39
6.875-7.125GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	4.87
802.11be EHT40-BF_Nss1,(MCS0)_2TX	4.75
802.11be EHT80-BF_Nss1,(MCS0)_2TX	4.91
802.11be EHT160-BF_Nss1,(MCS0)_2TX	4.19

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-BF_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	4.04	5.00
6195MHz	Pass	4.10	5.00
6415MHz	Pass	4.08	5.00
6435MHz	Pass	4.08	5.00
6475MHz	Pass	4.67	5.00
6515MHz	Pass	4.13	5.00
6535MHz	Pass	4.39	5.00
6695MHz	Pass	4.18	5.00
6875MHz	Pass	4.12	5.00
6895MHz	Pass	4.01	5.00
6995MHz	Pass	4.39	5.00
7095MHz	Pass	4.87	5.00
7115MHz	Pass	-2.93	5.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	4.83	5.00
6205MHz	Pass	4.93	5.00
6405MHz	Pass	4.15	5.00
6445MHz	Pass	4.14	5.00
6485MHz	Pass	4.13	5.00
6525MHz	Pass	4.55	5.00
6565MHz	Pass	4.72	5.00
6685MHz	Pass	4.96	5.00
6885MHz	Pass	4.46	5.00
6925MHz	Pass	4.75	5.00
7005MHz	Pass	4.29	5.00
7085MHz	Pass	4.19	5.00
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	4.93	5.00
6225MHz	Pass	4.35	5.00
6385MHz	Pass	4.57	5.00
6465MHz	Pass	4.71	5.00
6545MHz	Pass	4.64	5.00
6625MHz	Pass	4.64	5.00
6705MHz	Pass	4.11	5.00
6785MHz	Pass	4.61	5.00
6865MHz	Pass	4.49	5.00
6945MHz	Pass	4.91	5.00
7025MHz	Pass	4.52	5.00
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	3.35	5.00
6185MHz	Pass	3.43	5.00
6345MHz	Pass	3.85	5.00



Radiated PSD_Beamforming

Appendix D.2

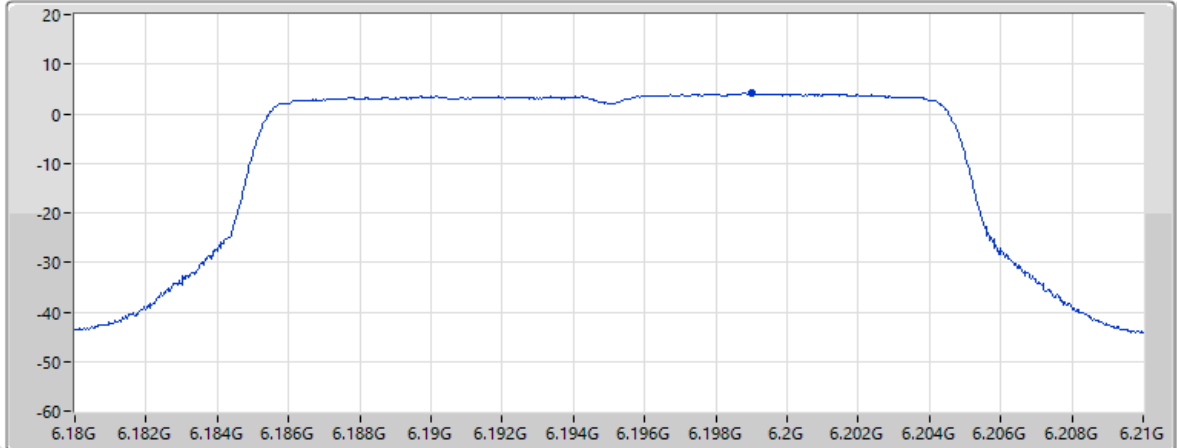
Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
6505MHz	Pass	3.85	5.00
6665MHz	Pass	4.75	5.00
6825MHz	Pass	4.62	5.00
6985MHz	Pass	4.19	5.00
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-	-	-
6105MHz	Pass	1.61	5.00
6265MHz	Pass	1.93	5.00
6425MHz	Pass	1.71	5.00
6585MHz	Pass	2.82	5.00
6745MHz	Pass	1.74	5.00
6905MHz	Pass	3.39	5.00

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

06/05/2025

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
20ms
Detector Type
RMS
CP BW
20MHz



Page 6

EIRP PSD (dBm)

4.1

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

Pr=Pmeas-Gr+Lc-Gamp

Pmeas

Gr (dBi)

Lc (dB)

Gamp (dB)

Lp (dB)

-14.55

11.90

8.04

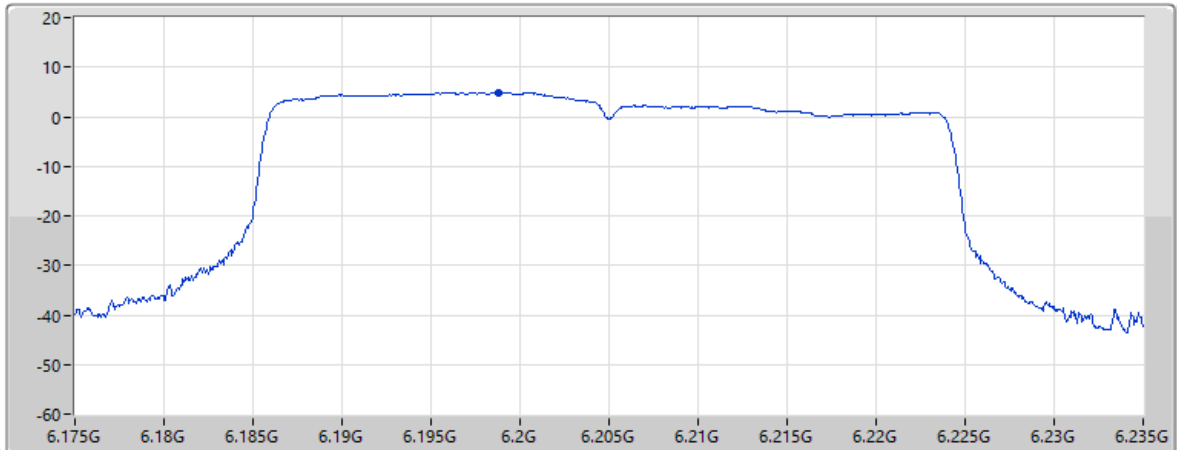
35.38

57.89

06/05/2025

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

CF Freq
6.205GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
40MHz



Page 6

EIRP PSD (dBm)

4.93

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

Pr=Pmeas-Gr+Lc-Gamp

Pmeas

Gr (dBi)

Lc (dB)

Gamp (dB)

Lp (dB)

-13.72

11.90

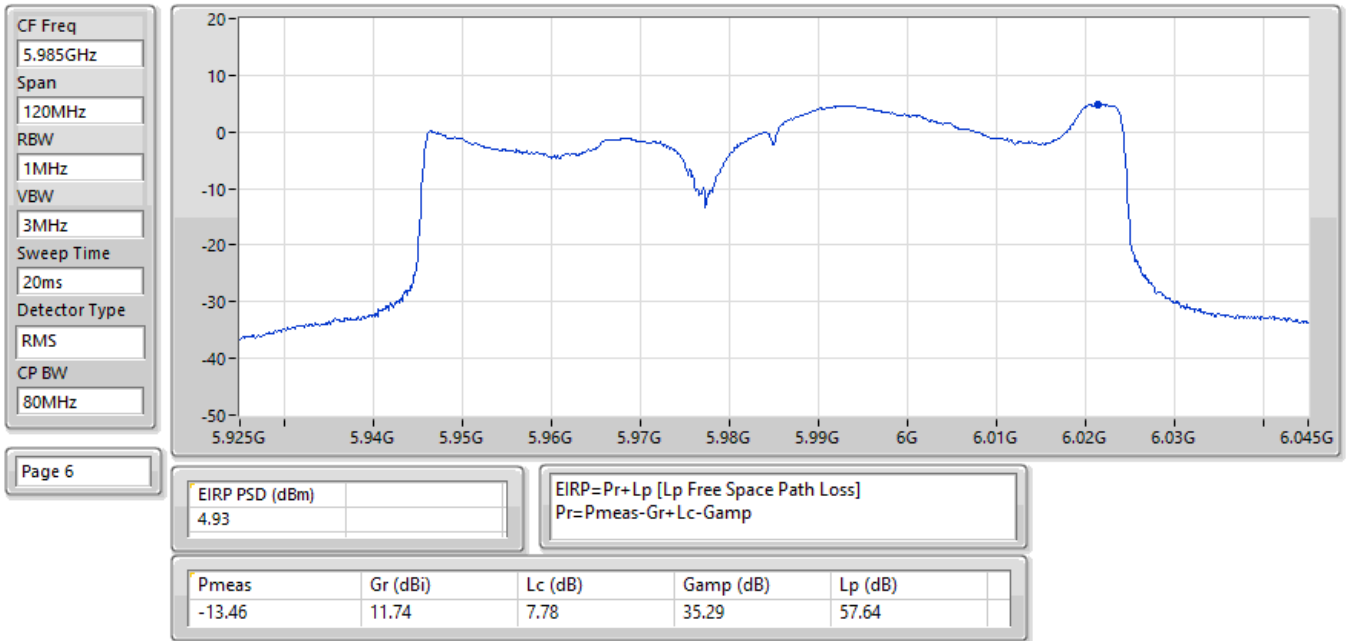
8.04

35.38

57.89

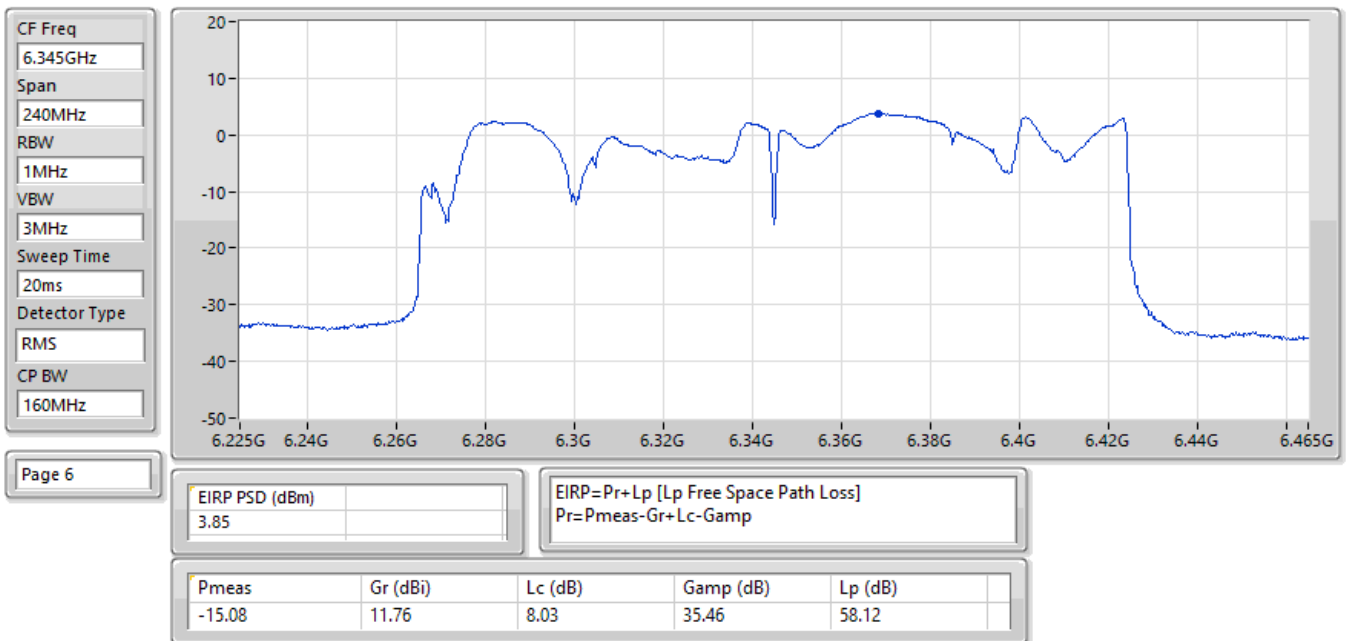
07/05/2025

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



07/05/2025

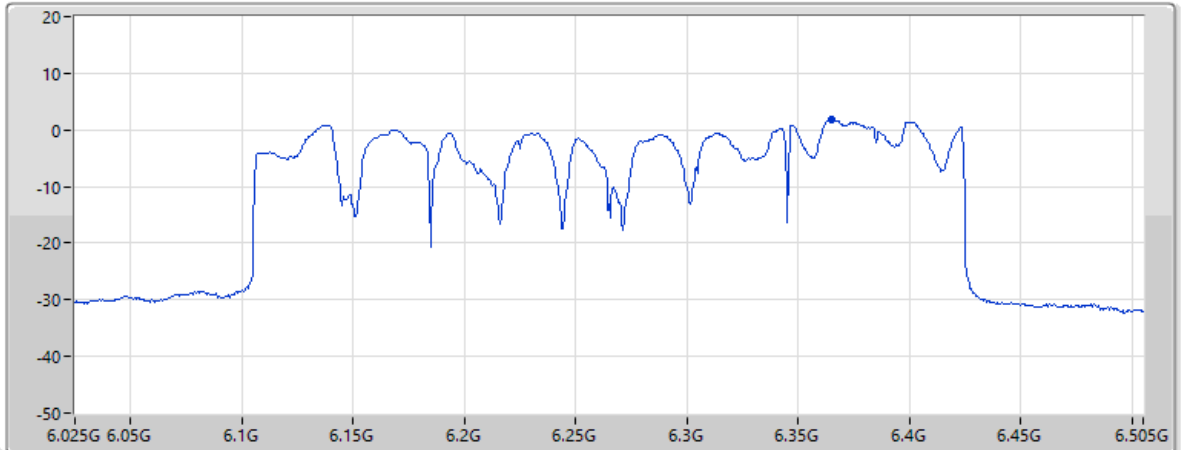
EIRP PSD:Band:6.2G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6345MHz;TX



07/05/2025

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

CF Freq
6.265GHz
Span
480MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
320MHz



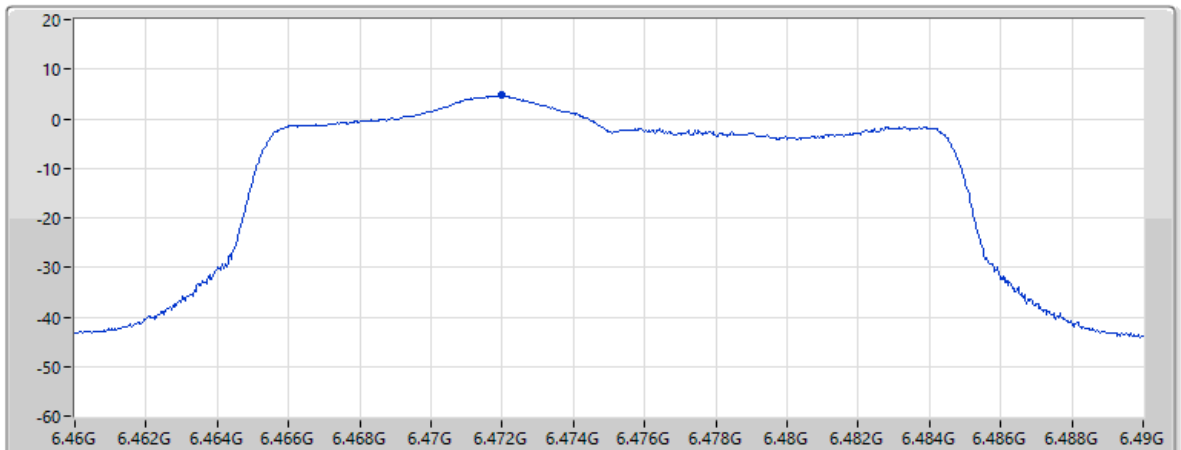
Page 6

EIRP PSD (dBm)	1.93	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-16.99	11.77	8.03	35.46	58.12

06/05/2025

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

CF Freq
6.475GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz

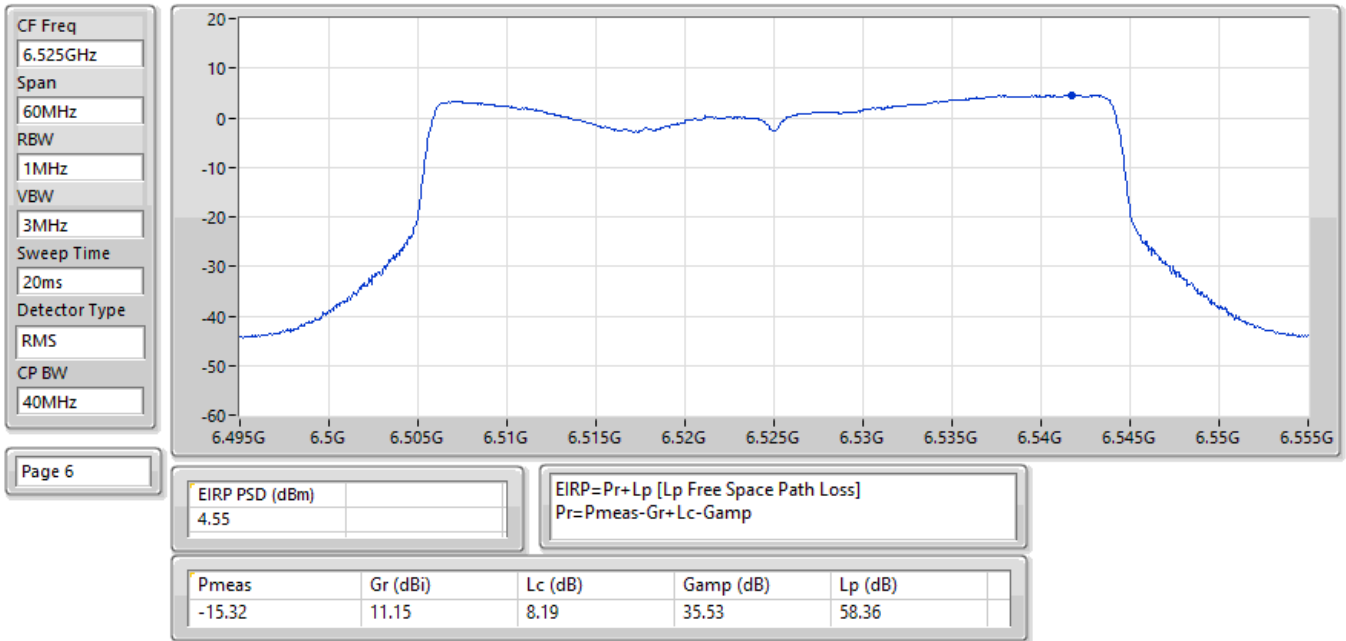


Page 6

EIRP PSD (dBm)	4.67	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-14.67	11.51	8.11	35.52	58.26

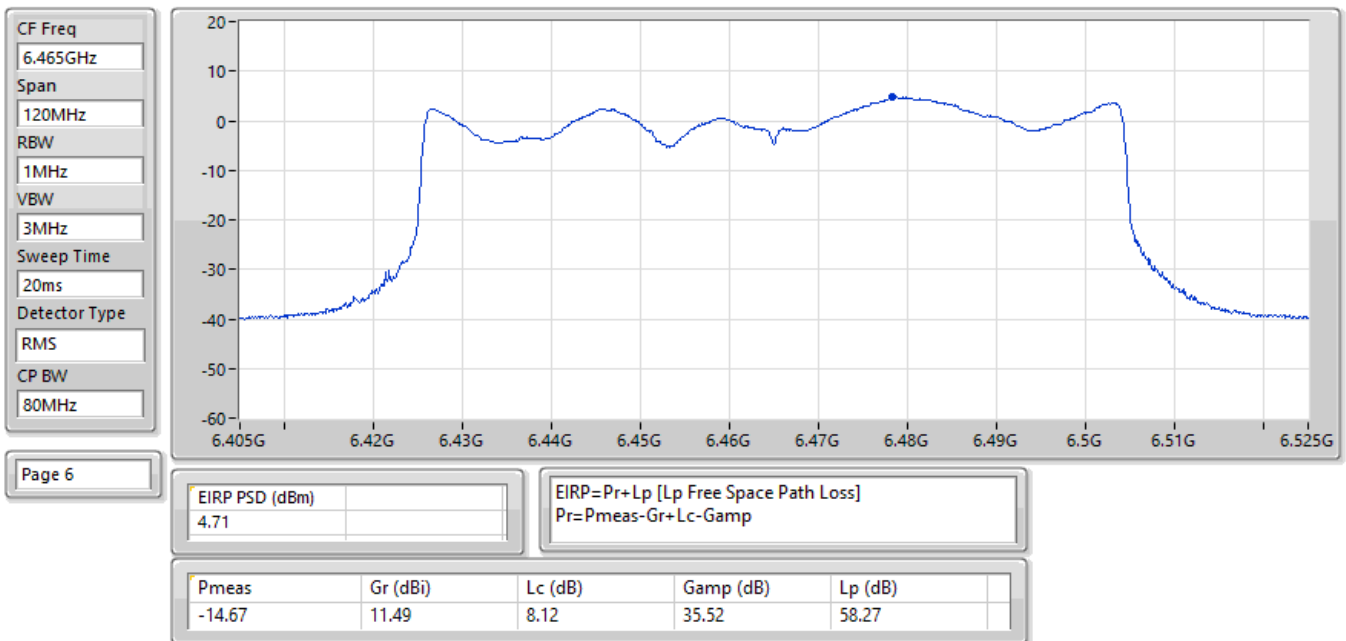
07/05/2025

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



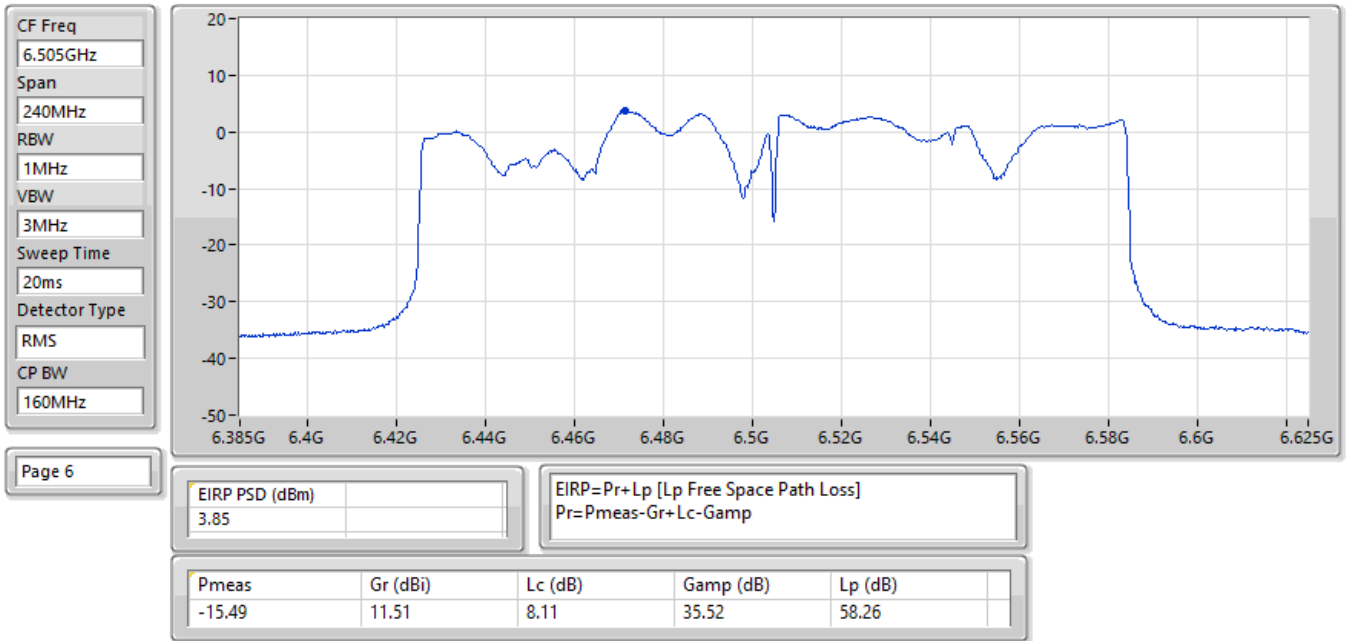
07/05/2025

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



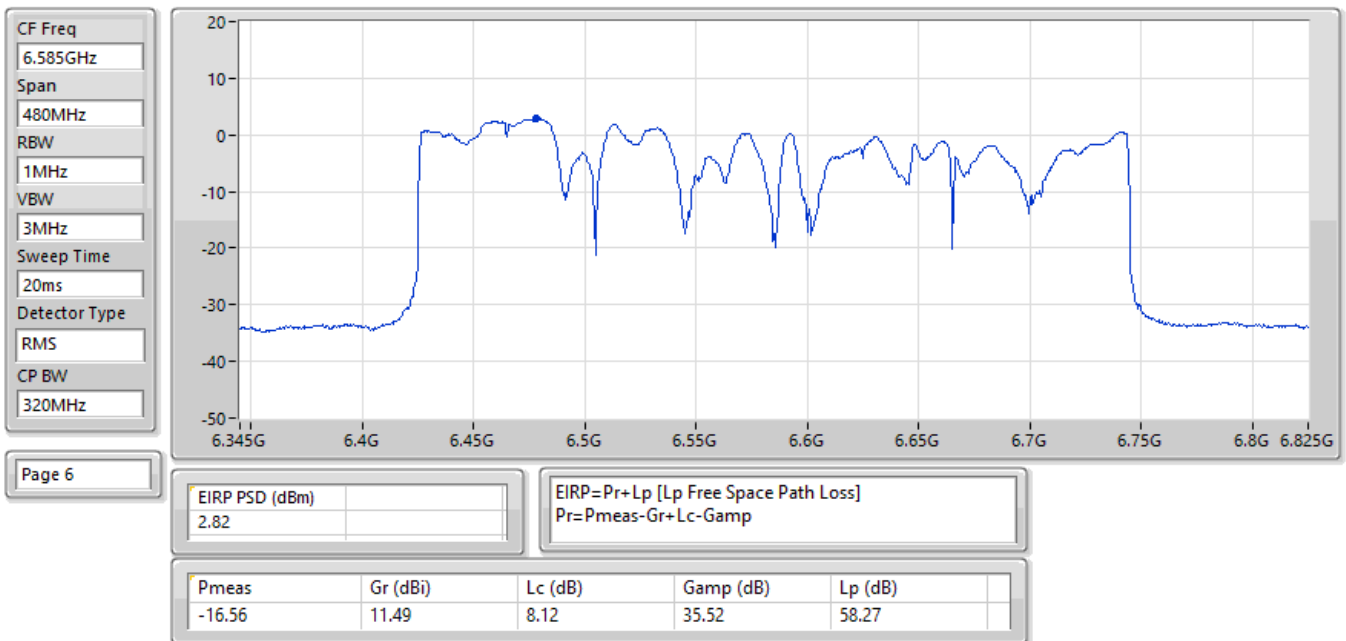
07/05/2025

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



07/05/2025

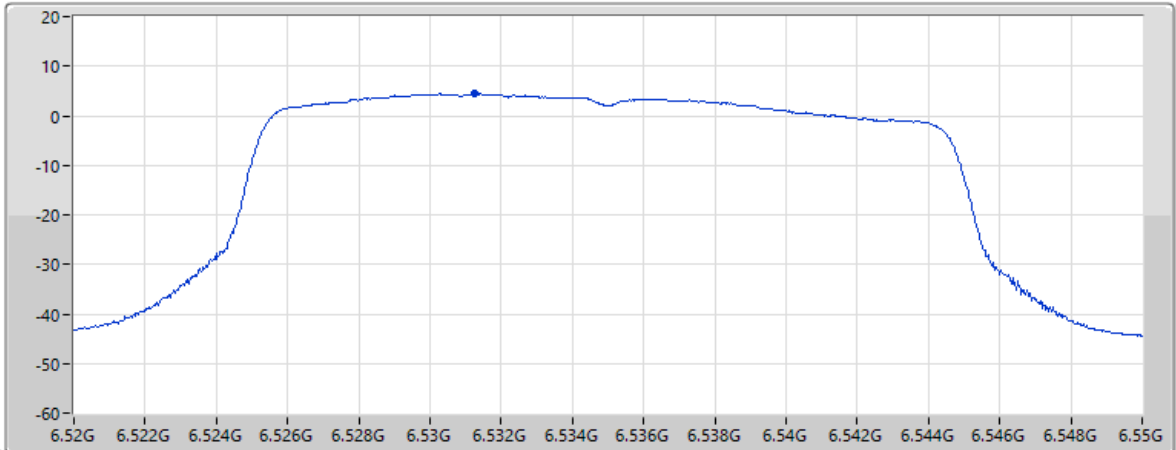
EIRP PSD;Band:6.4G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6585MHz;TX



06/05/2025

EIRP PSD;Band:6.7G;be20,BF;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



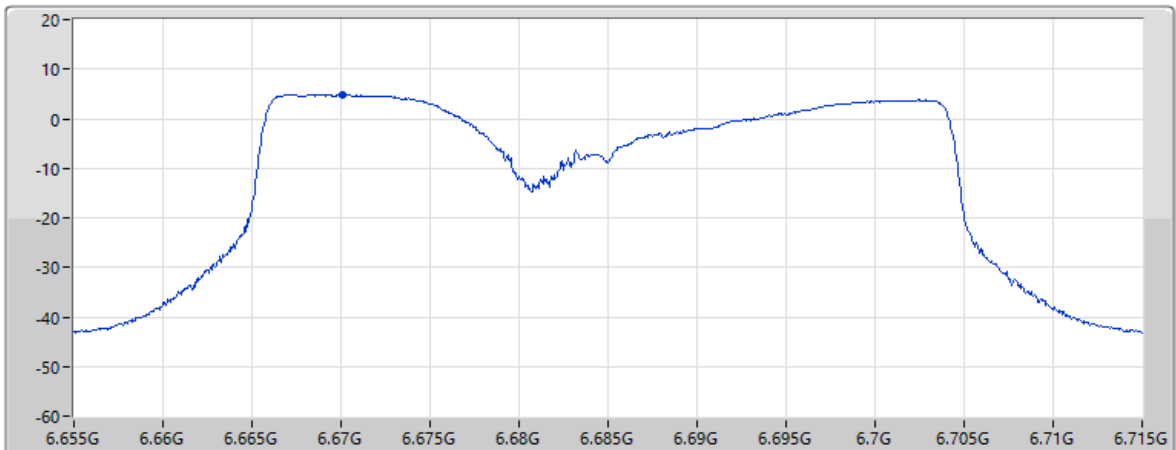
Page 6

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
4.39				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-15.39	11.21	8.18	35.53	58.34

07/05/2025

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

CF Freq
6.685GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
40MHz

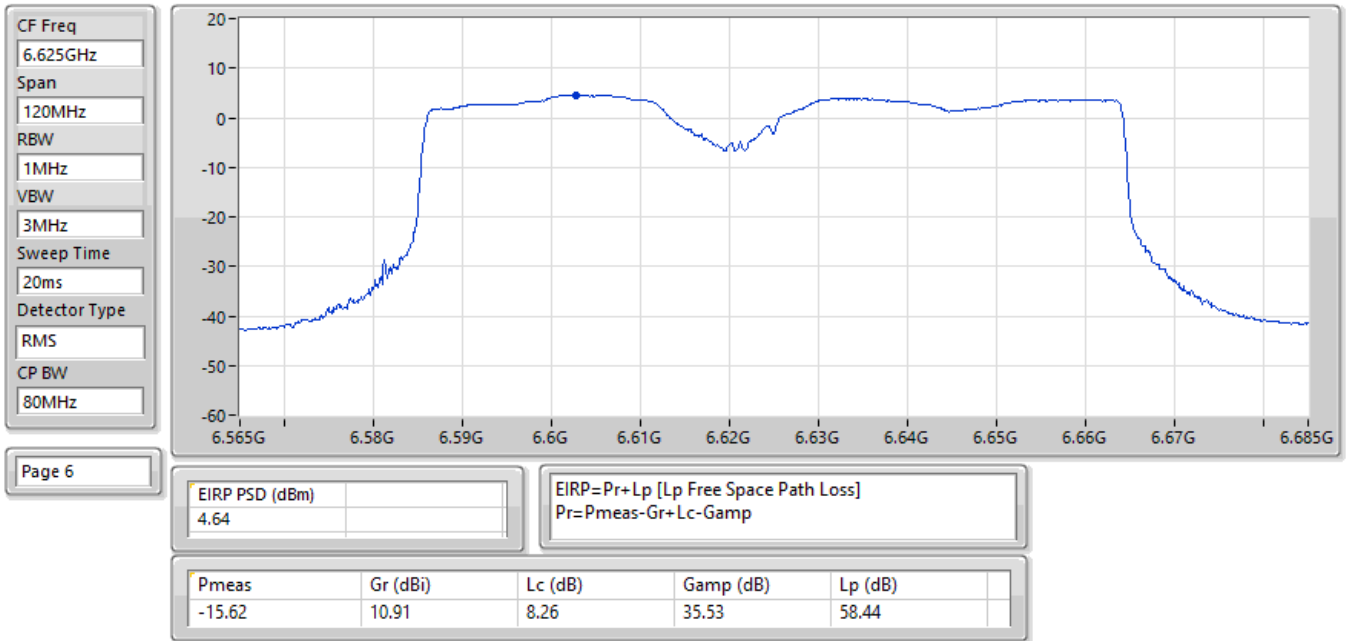


Page 6

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
4.96				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-15.41	10.96	8.33	35.53	58.53

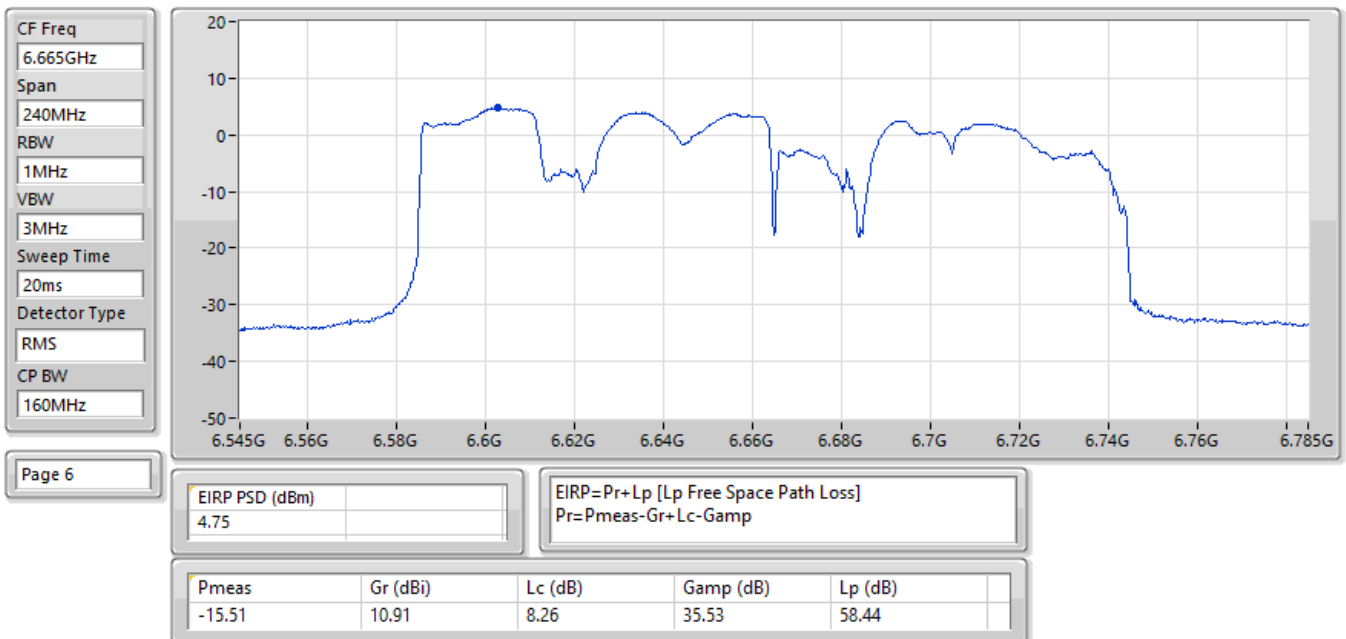
07/05/2025

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



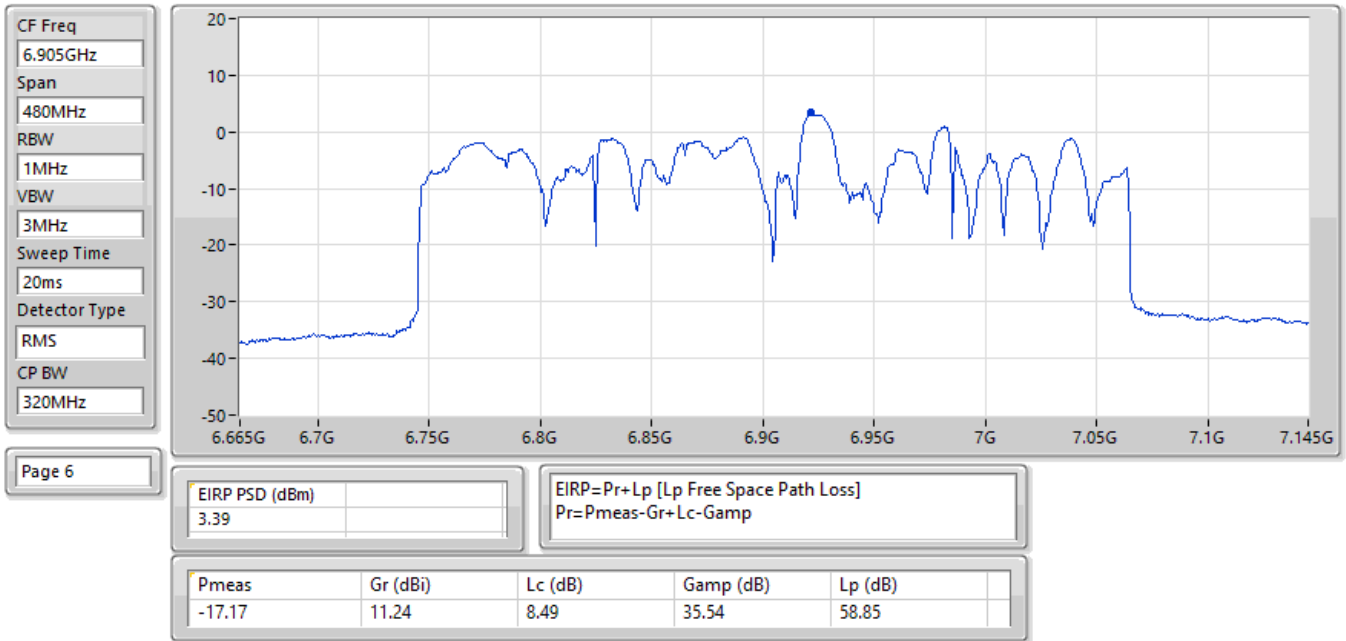
07/05/2025

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



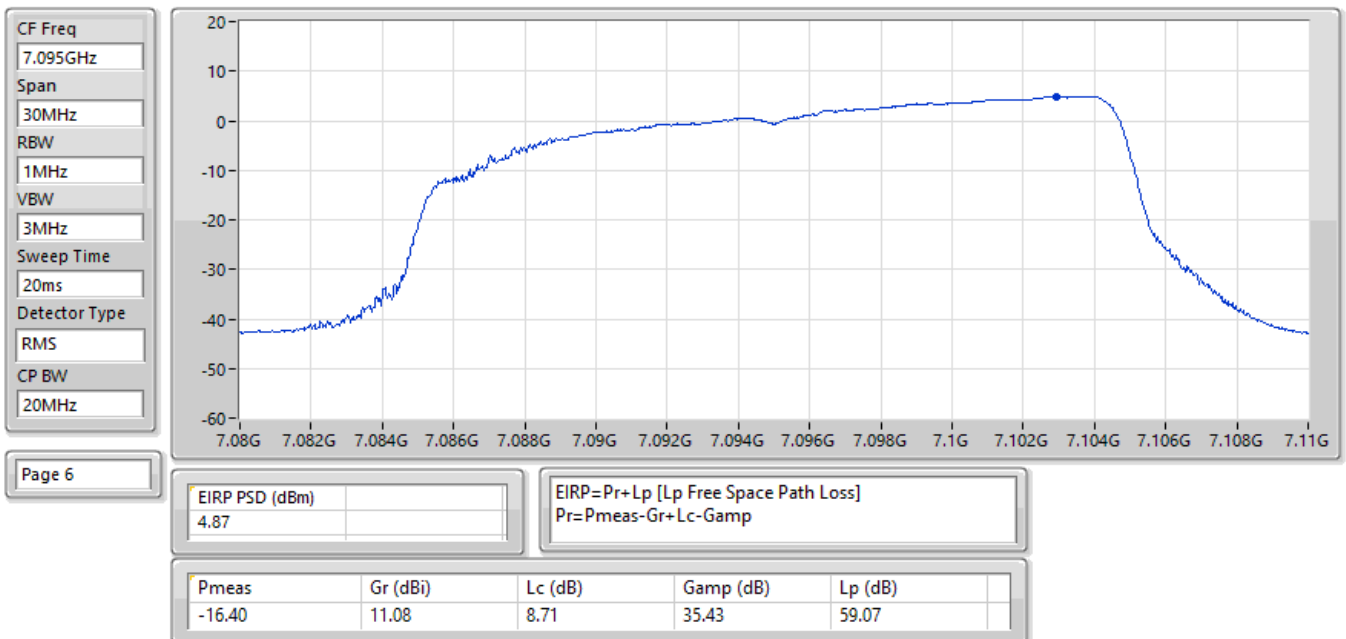
07/05/2025

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



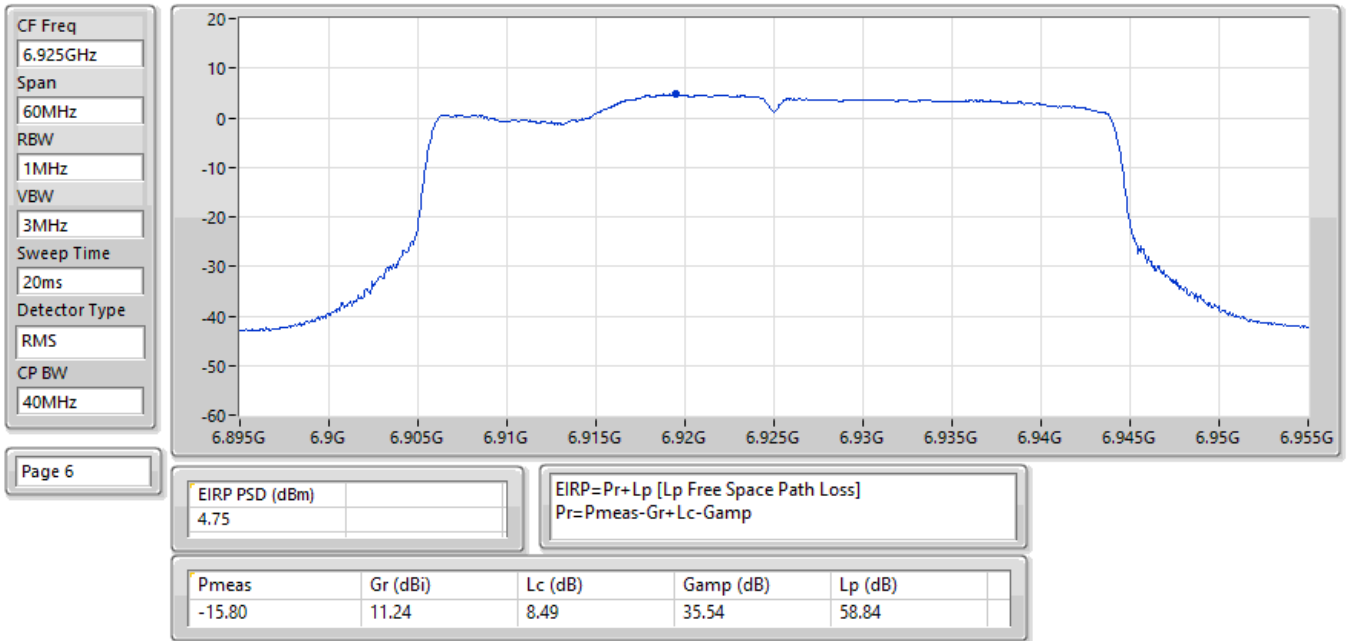
06/05/2025

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



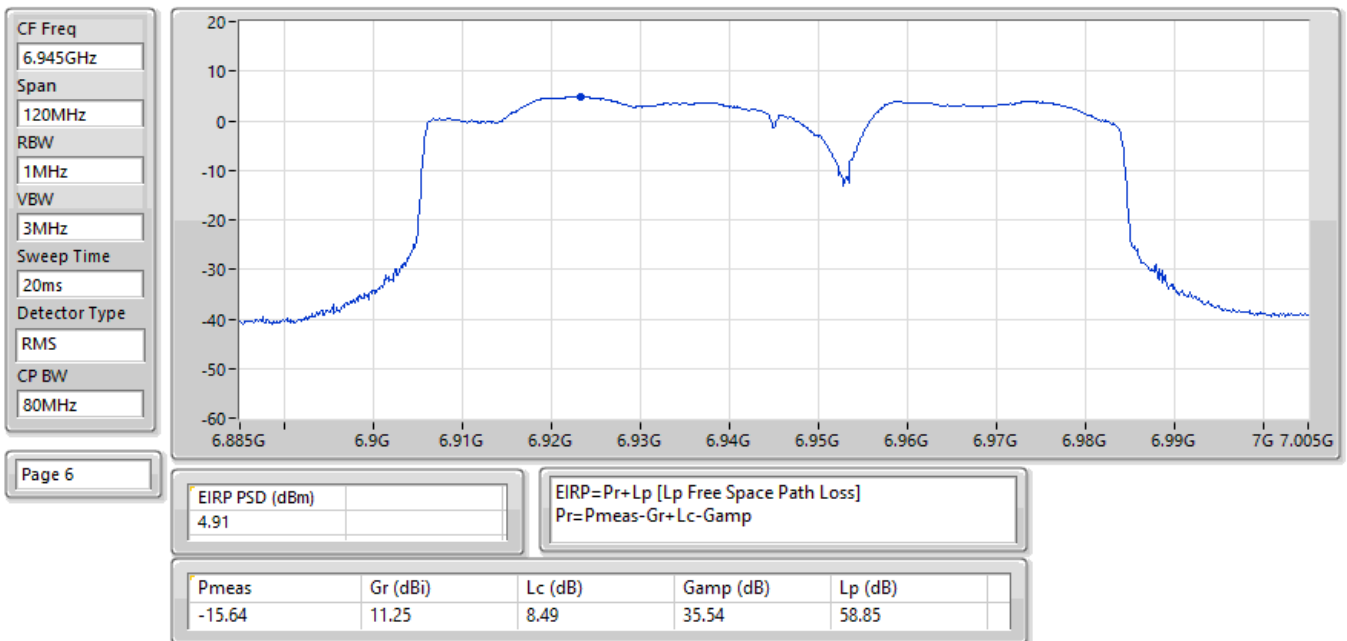
07/05/2025

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



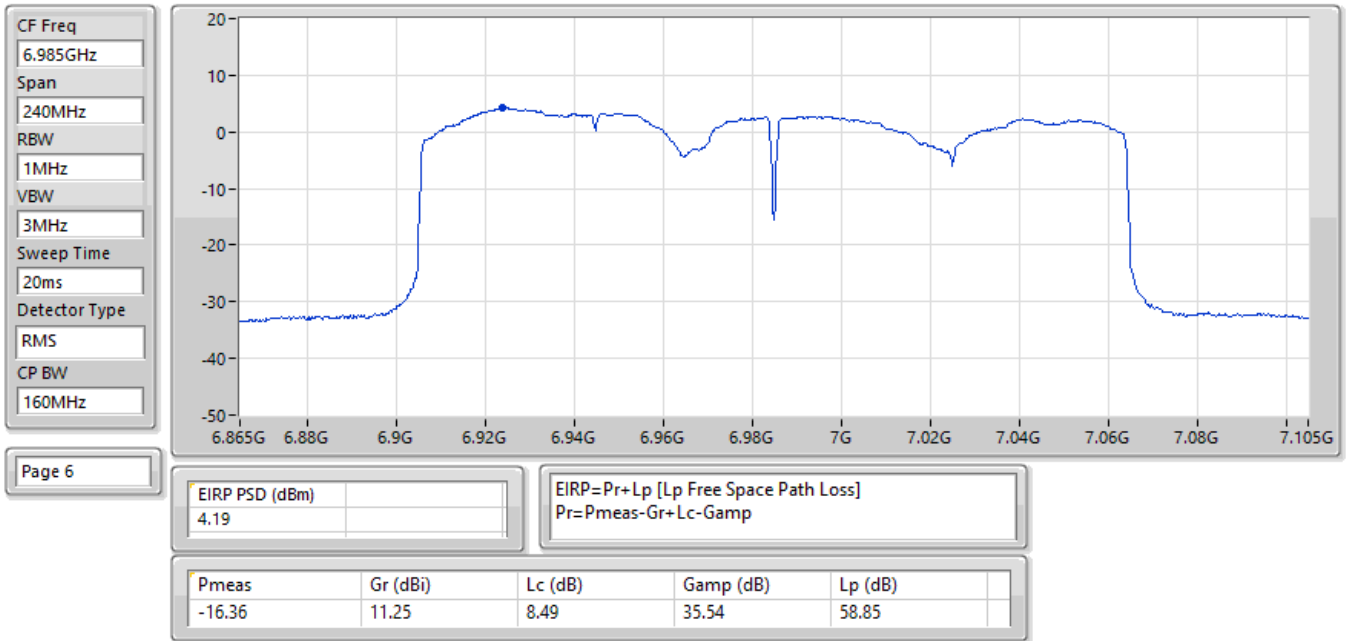
07/05/2025

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



07/05/2025

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



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
5.925-6.425GHz	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	6.417624G	-6.43	6.403475G	-35.26	-26.45	-8.81	1
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	5.980796G	-3.95	5.9874G	-33.71	-24.00	-9.71	2
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	6.3878G	-0.25	6.4296G	-27.42	-20.56	-6.86	1
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	6.3534G	1.61	6.0852G	-42.93	-38.39	-4.54	2
802.11be EHT320_Nss1,(MCS0)_2TX	Pass	6.04861G	2.07	6.6174G	-39.62	-37.93	-1.69	1
6.425-6.525GHz	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	6.466377G	-6.83	6.486975G	-38.78	-26.90	-11.88	1
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	6.535797G	-3.38	6.50205G	-34.21	-23.42	-10.79	1
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	6.50079G	-0.62	6.4202G	-28.71	-20.62	-8.09	2
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	6.43882G	2.45	6.2522G	-42.50	-37.27	-5.23	2
802.11be EHT320_Nss1,(MCS0)_2TX	Pass	6.51382G	0.83	6.053G	-39.81	-39.17	-0.64	1
6.525-6.875GHz	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	6.543148G	-7.62	6.546875G	-39.24	-27.72	-11.52	2
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	6.568749G	-3.74	6.5874G	-32.23	-23.87	-8.36	1
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	6.8848G	-0.99	6.8202G	-27.98	-21.23	-6.75	2
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	6.59462G	2.90	6.9032G	-38.82	-34.94	-3.88	2
802.11be EHT320_Nss1,(MCS0)_2TX	Pass	6.58984G	0.43	6.2418G	-41.88	-39.57	-2.31	2
6.875-7.125GHz	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	7.111076G	-16.51	7.073075G	-62.58	-56.51	-6.07	1
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	7.069804G	-4.25	7.10735G	-32.44	-24.32	-8.12	2
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	6.98741G	-1.16	6.9795G	-30.23	-21.23	-9.00	1
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	6.93021G	1.58	6.5994G	-47.73	-38.42	-9.31	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.960324G	-6.37	5.967075G	-38.86	-26.39	-12.47	1
5955MHz	Pass	5.962998G	-6.59	5.966675G	-37.03	-26.59	-10.44	2
6195MHz	Pass	6.195475G	-6.46	6.206875G	-38.27	-26.54	-11.73	1
6195MHz	Pass	6.199224G	-7.07	6.237475G	-61.19	-47.07	-14.12	2
6415MHz	Pass	6.417624G	-6.43	6.403475G	-35.26	-26.45	-8.81	1
6415MHz	Pass	6.423498G	-6.98	6.375325G	-61.03	-46.98	-14.05	2
6435MHz	Pass	6.439249G	-6.41	6.446925G	-38.14	-26.01	-12.13	1
6435MHz	Pass	6.433275G	-6.92	6.44675G	-37.91	-25.22	-12.69	2
6475MHz	Pass	6.466377G	-6.83	6.486975G	-38.78	-26.90	-11.88	1
6475MHz	Pass	6.477674G	-7.30	6.44125G	-60.98	-47.30	-13.68	2
6515MHz	Pass	6.522573G	-6.66	6.5269G	-39.01	-26.26	-12.75	1
6515MHz	Pass	6.523298G	-6.65	6.527075G	-40.00	-26.67	-13.33	2
6535MHz	Pass	6.529926G	-7.37	6.5471G	-39.02	-27.45	-11.57	1
6535MHz	Pass	6.543148G	-7.62	6.546875G	-39.24	-27.72	-11.52	2
6695MHz	Pass	6.701748G	-6.16	6.706825G	-37.61	-25.96	-11.65	1
6695MHz	Pass	6.688152G	-6.59	6.707125G	-40.28	-26.67	-13.61	2
6875MHz	Pass	6.874075G	-5.48	6.887275G	-39.32	-25.57	-13.75	1
6875MHz	Pass	6.8754G	-5.85	6.8626G	-39.40	-25.95	-13.45	2
6895MHz	Pass	6.897974G	-5.41	6.907025G	-38.33	-25.41	-12.92	1
6895MHz	Pass	6.902173G	-6.12	6.88325G	-36.90	-24.42	-12.48	2
6995MHz	Pass	6.987802G	-6.81	6.98285G	-39.47	-27.02	-12.45	1
6995MHz	Pass	6.986627G	-7.02	6.949575G	-60.14	-47.02	-13.12	2
7095MHz	Pass	7.089251G	-6.84	7.107575G	-41.33	-27.07	-14.26	1
7095MHz	Pass	7.103848G	-7.60	7.061875G	-61.58	-47.60	-13.98	2
7115MHz	Pass	7.111076G	-16.51	7.073075G	-62.58	-56.51	-6.07	1
7115MHz	Pass	7.118799G	-16.53	7.0765G	-63.02	-56.53	-6.49	2
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.978797G	-3.68	5.988G	-35.90	-23.70	-12.20	1
5965MHz	Pass	5.980796G	-3.95	5.9874G	-33.71	-24.00	-9.71	2
6205MHz	Pass	6.198702G	-3.25	6.18235G	-33.51	-23.42	-10.09	1
6205MHz	Pass	6.213998G	-4.15	6.2273G	-33.92	-24.20	-9.72	2
6405MHz	Pass	6.401901G	-2.46	6.42835G	-36.31	-22.64	-13.67	1
6405MHz	Pass	6.387004G	-3.34	6.42805G	-36.22	-23.38	-12.84	2
6445MHz	Pass	6.441551G	-3.65	6.4218G	-35.57	-22.15	-13.42	1
6445MHz	Pass	6.4439G	-3.60	6.4228G	-35.05	-23.68	-11.37	2
6485MHz	Pass	6.487149G	-3.78	6.5077G	-34.24	-23.28	-10.96	1
6485MHz	Pass	6.478202G	-3.71	6.50805G	-36.67	-23.81	-12.86	2
6525MHz	Pass	6.535797G	-3.38	6.50205G	-34.21	-23.42	-10.79	1
6525MHz	Pass	6.531298G	-3.61	6.60335G	-56.54	-43.61	-12.93	2
6565MHz	Pass	6.568749G	-3.74	6.5874G	-32.23	-23.87	-8.36	1
6565MHz	Pass	6.560201G	-3.60	6.4793G	-56.84	-43.60	-13.24	2
6685MHz	Pass	6.697997G	-2.25	6.66165G	-36.43	-22.49	-13.94	1
6685MHz	Pass	6.675352G	-2.68	6.66265G	-33.53	-22.79	-10.74	2
6885MHz	Pass	6.893648G	-2.73	6.90695G	-33.21	-21.53	-11.68	1
6885MHz	Pass	6.878952G	-3.38	6.86225G	-35.72	-23.39	-12.33	2
6925MHz	Pass	6.919551G	-3.14	6.9022G	-32.35	-23.21	-9.14	1
6925MHz	Pass	6.932648G	-3.55	6.90265G	-34.62	-23.73	-10.89	2
7005MHz	Pass	6.998102G	-3.63	6.98195G	-35.72	-23.89	-11.83	1
7005MHz	Pass	6.998252G	-3.86	6.98265G	-35.74	-23.86	-11.88	2
7085MHz	Pass	7.101346G	-3.82	7.0108G	-57.92	-43.82	-14.10	1
7085MHz	Pass	7.069804G	-4.25	7.10735G	-32.44	-24.32	-8.12	2
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	6.01759G	-0.29	6.03G	-29.82	-20.39	-9.43	1
5985MHz	Pass	5.9967G	-0.77	6.0297G	-29.60	-20.84	-8.76	2

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
6225MHz	Pass	6.20151G	-0.82	6.1794G	-31.56	-20.83	-10.73	1
6225MHz	Pass	6.18731G	-0.87	6.1814G	-28.97	-20.90	-8.07	2
6385MHz	Pass	6.3878G	-0.25	6.4296G	-27.42	-20.56	-6.86	1
6385MHz	Pass	6.3686G	-0.56	6.4305G	-31.76	-20.59	-11.17	2
6465MHz	Pass	6.50299G	0.25	6.51G	-30.25	-19.77	-10.48	1
6465MHz	Pass	6.50079G	-0.62	6.4202G	-28.71	-20.62	-8.09	2
6545MHz	Pass	6.5303G	-1.02	6.4991G	-32.42	-21.02	-11.40	1
6545MHz	Pass	6.51071G	-0.94	6.5908G	-32.58	-20.99	-11.59	2
6625MHz	Pass	6.6258G	-1.61	6.5788G	-32.84	-21.69	-11.15	1
6625MHz	Pass	6.6162G	-1.85	6.5797G	-31.31	-21.89	-9.42	2
6705MHz	Pass	6.73449G	0.45	6.6596G	-30.66	-19.58	-11.08	1
6705MHz	Pass	6.6899G	0.18	6.6589G	-31.95	-19.84	-12.11	2
6785MHz	Pass	6.7919G	-0.69	6.7388G	-30.75	-20.85	-9.90	1
6785MHz	Pass	6.81199G	-0.39	6.7399G	-30.85	-20.41	-10.44	2
6865MHz	Pass	6.8815G	-0.64	6.8206G	-27.59	-20.65	-6.94	1
6865MHz	Pass	6.8848G	-0.99	6.8202G	-27.98	-21.23	-6.75	2
6945MHz	Pass	6.9385G	-0.75	6.899G	-31.11	-20.81	-10.30	1
6945MHz	Pass	6.9528G	-0.94	6.9901G	-30.17	-21.08	-9.09	2
7025MHz	Pass	6.98741G	-1.16	6.9795G	-30.23	-21.23	-9.00	1
7025MHz	Pass	6.99261G	-1.01	7.0703G	-30.90	-21.09	-9.81	2
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	6.0342G	1.91	6.2786G	-45.73	-37.93	-7.80	1
6025MHz	Pass	6.05559G	2.23	6.2794G	-46.04	-37.77	-8.27	2
6185MHz	Pass	6.12741G	1.66	6.4378G	-45.28	-37.79	-7.49	1
6185MHz	Pass	6.11342G	1.73	6.442G	-46.71	-38.27	-8.44	2
6345MHz	Pass	6.3546G	2.23	6.082G	-43.22	-37.77	-5.45	1
6345MHz	Pass	6.3534G	1.61	6.0852G	-42.93	-38.39	-4.54	2
6505MHz	Pass	6.53999G	2.15	6.256G	-43.33	-37.69	-5.64	1
6505MHz	Pass	6.43882G	2.45	6.2522G	-42.50	-37.27	-5.23	2
6665MHz	Pass	6.63301G	2.85	6.9242G	-41.06	-36.94	-4.12	1
6665MHz	Pass	6.59462G	2.90	6.9032G	-38.82	-34.94	-3.88	2
6825MHz	Pass	6.80101G	2.64	6.5572G	-45.08	-37.36	-7.72	1
6825MHz	Pass	6.89758G	2.25	6.5678G	-45.29	-37.75	-7.54	2
6985MHz	Pass	6.9768G	2.11	6.8998G	-27.38	-17.97	-9.41	1
6985MHz	Pass	6.93021G	1.58	6.5994G	-47.73	-38.42	-9.31	2
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6105MHz	Pass	6.04861G	2.07	6.6174G	-39.62	-37.93	-1.69	1
6105MHz	Pass	6.07221G	2.11	6.6058G	-39.96	-37.89	-2.07	2
6265MHz	Pass	6.14223G	0.73	6.7818G	-42.40	-39.27	-3.13	1
6265MHz	Pass	6.11144G	0.68	6.7946G	-43.31	-39.32	-3.99	2
6425MHz	Pass	6.409G	0.91	6.921G	-40.46	-38.88	-1.58	1
6425MHz	Pass	6.27184G	0.55	6.9298G	-42.02	-39.40	-2.62	2
6585MHz	Pass	6.51382G	0.83	6.053G	-39.81	-39.17	-0.64	1
6585MHz	Pass	6.50862G	0.99	6.079G	-39.71	-39.01	-0.70	2
6745MHz	Pass	6.79419G	0.65	6.2382G	-42.12	-39.35	-2.77	1
6745MHz	Pass	6.58984G	0.43	6.2418G	-41.88	-39.57	-2.31	2
6905MHz	Pass	6.8958G	0.58	6.411G	-42.58	-39.35	-3.23	1
6905MHz	Pass	6.9202G	0.59	6.3758G	-43.19	-39.41	-3.78	2

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

MASK

6415MHz_TX

20/05/2025

CF (Hz)
6.415G

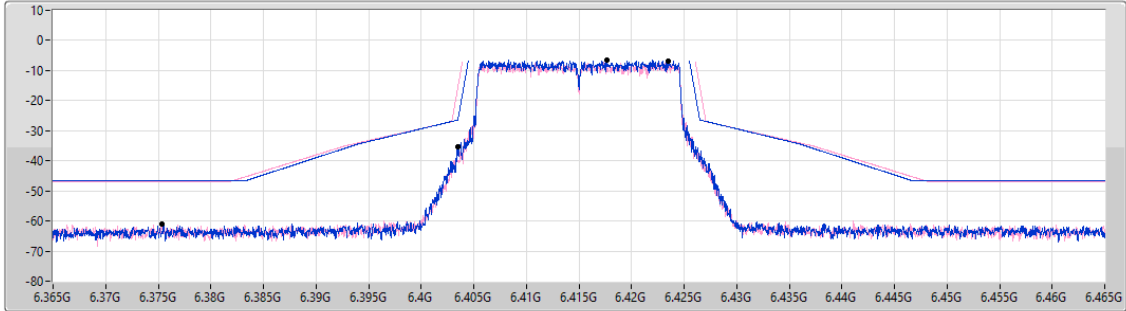
Span (Hz)
100M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
4.01m

Detector Type
RMS



Port 1 ☐

Port 2 ☐

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.417624G	-6.43	6.403475G	-35.26	-26.45	-8.81	1
6.423498G	-6.98	6.375325G	-61.03	-46.98	-14.05	2

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

MASK

5965MHz_TX

20/05/2025

CF (Hz)
5.965G

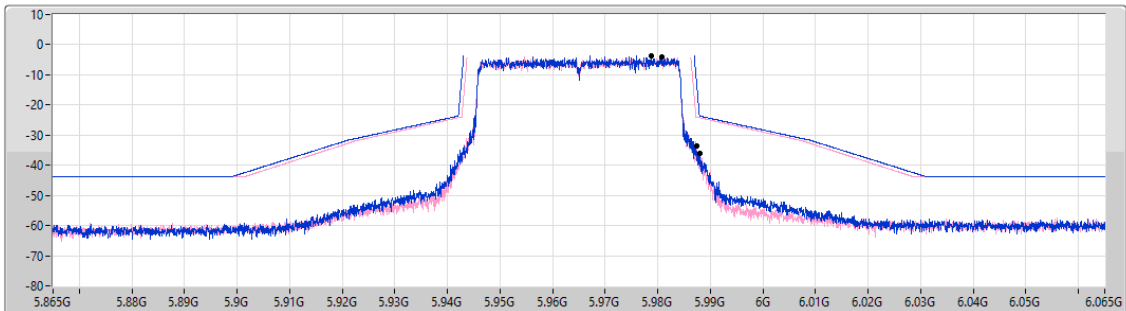
Span (Hz)
200M

RBW (Hz)
500k

VBW (Hz)
2M

Sweep Time (s)
4.01m

Detector Type
RMS



Port 1 ☐

Port 2 ☐

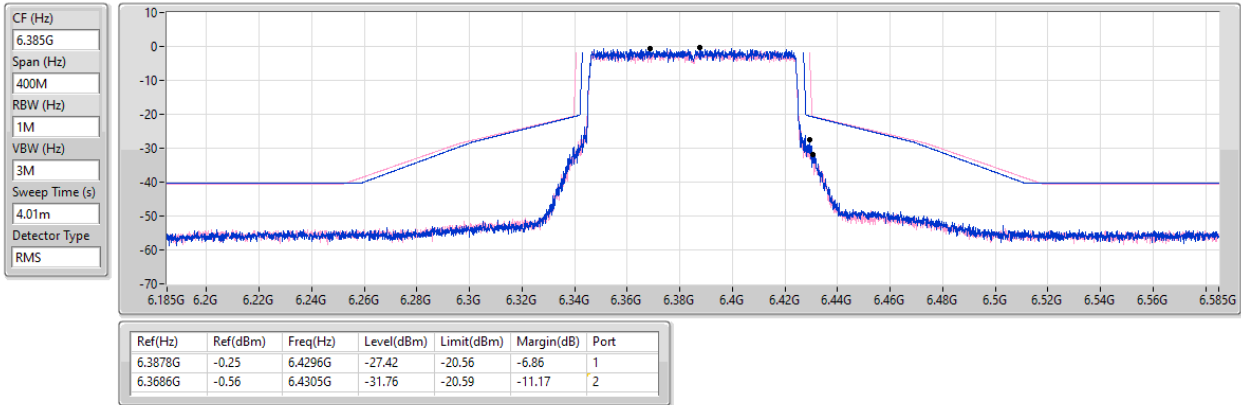
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.978797G	-3.68	5.988G	-35.90	-23.70	-12.20	1
5.980796G	-3.95	5.9874G	-33.71	-24.00	-9.71	2

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

MASK

6385MHz_TX

20/05/2025

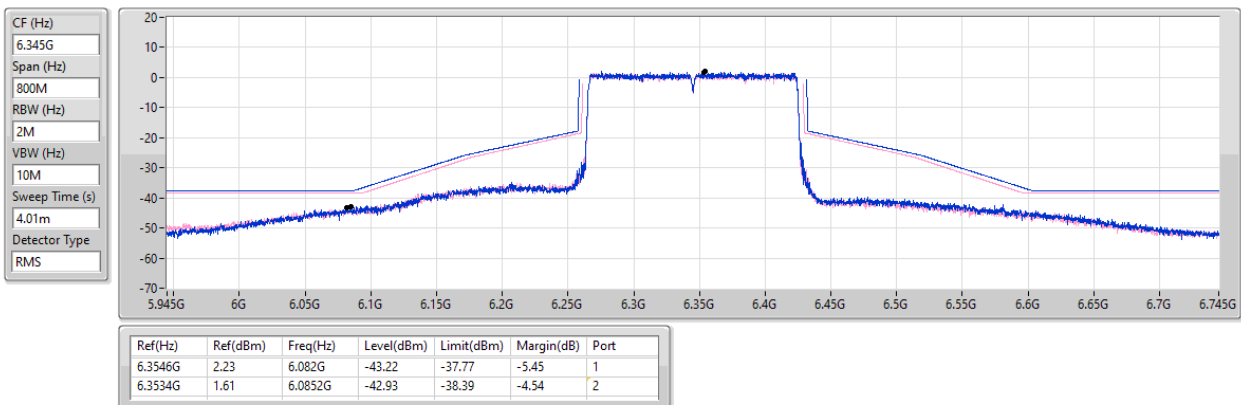


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

MASK

6345MHz_TX

20/05/2025



5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX

MASK

6105MHz_TX

20/05/2025

CF (Hz)
6.105G

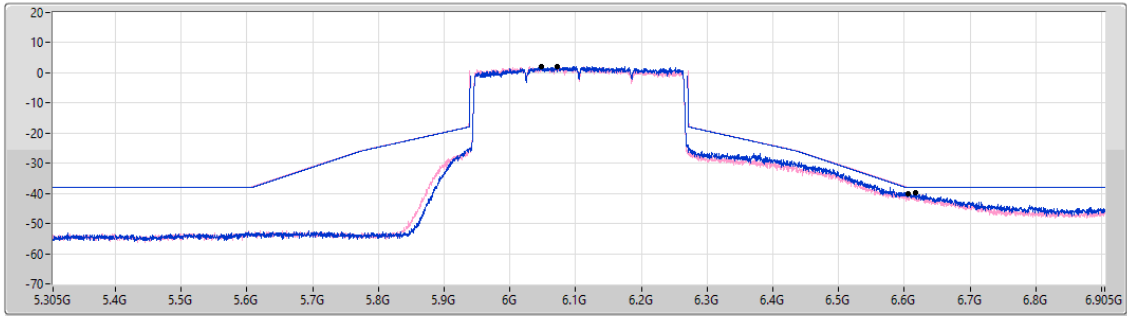
Span (Hz)
1.6G

RBW (Hz)
3M

VBW (Hz)
10M

Sweep Time (s)
4.01m

Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.04861G	2.07	6.6174G	-39.62	-37.93	-1.69	1
6.07221G	2.11	6.6058G	-39.96	-37.89	-2.07	2

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

MASK

6475MHz_TX

20/05/2025

CF (Hz)
6.475G

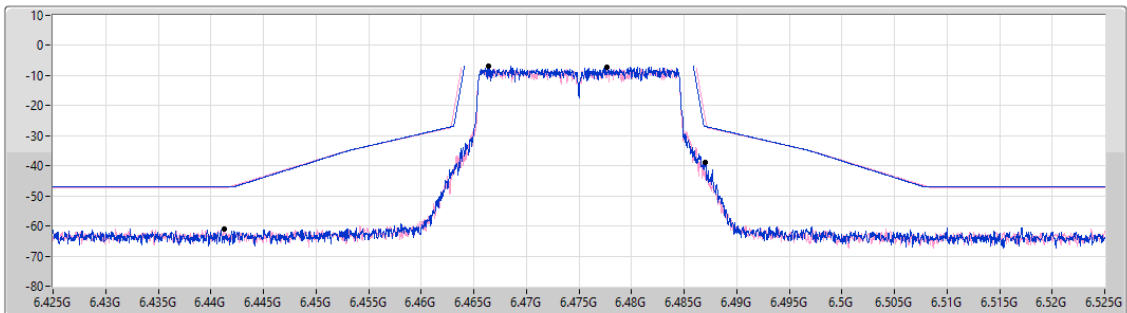
Span (Hz)
100M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
4.01m

Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.466377G	-6.83	6.486975G	-38.78	-26.90	-11.88	1
6.477674G	-7.30	6.44125G	-60.98	-47.30	-13.68	2

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

MASK

6525MHz_TX

20/05/2025

CF (Hz)
6.525G

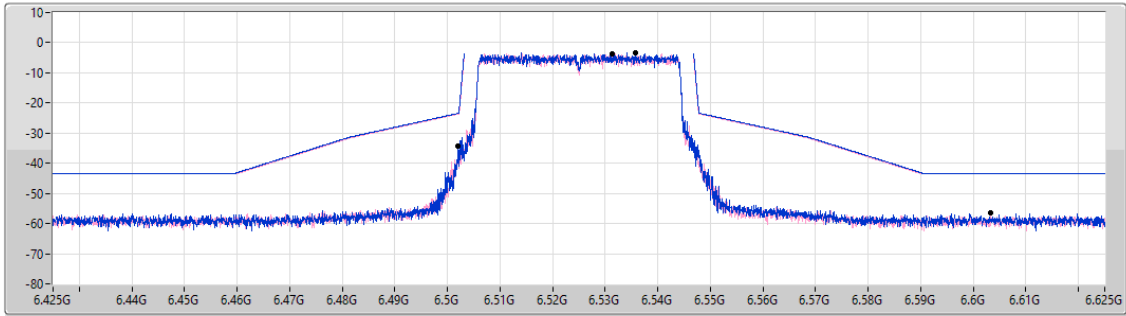
Span (Hz)
200M

RBW (Hz)
500k

VBW (Hz)
2M

Sweep Time (s)
4.01m

Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.535797G	-3.38	6.50205G	-34.21	-23.42	-10.79	1
6.531298G	-3.61	6.60335G	-56.54	-43.61	-12.93	2

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

MASK

6465MHz_TX

20/05/2025

CF (Hz)
6.465G

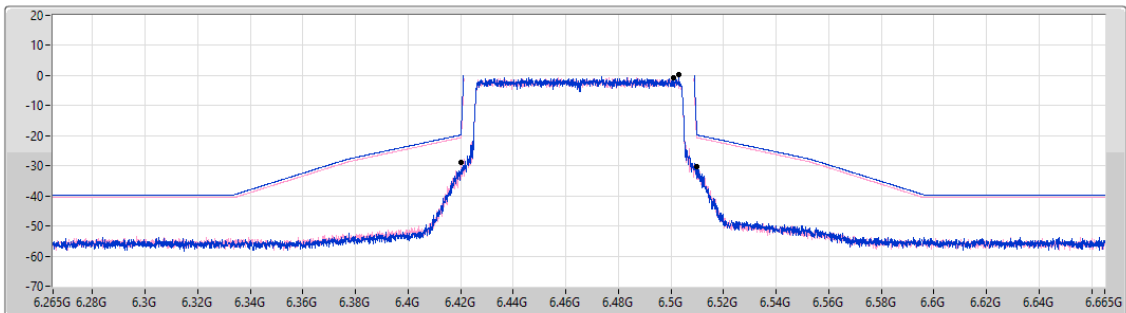
Span (Hz)
400M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
4.01m

Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.50299G	0.25	6.51G	-30.25	-19.77	-10.48	1
6.50079G	-0.62	6.4202G	-28.71	-20.62	-8.09	2

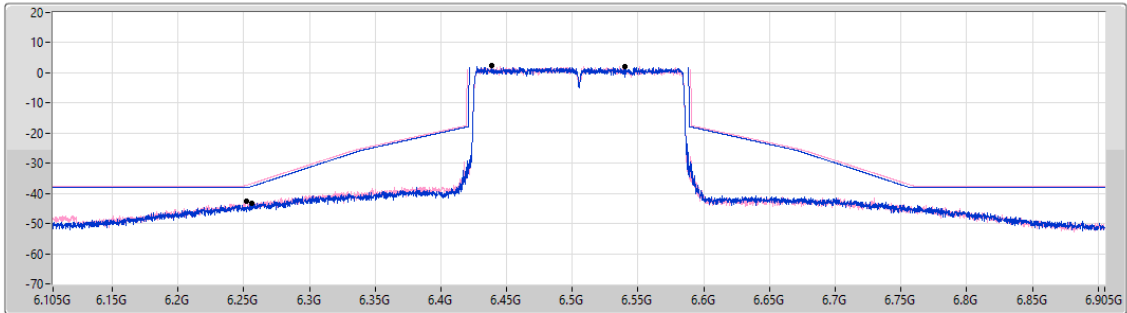
6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_2TX

MASK

6505MHz_TX

20/05/2025

CF (Hz)
6.505G
Span (Hz)
800M
RBW (Hz)
2M
VBW (Hz)
10M
Sweep Time (s)
4.01m
Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.53999G	2.15	6.256G	-43.33	-37.69	-5.64	1
6.43882G	2.45	6.2522G	-42.50	-37.27	-5.23	2

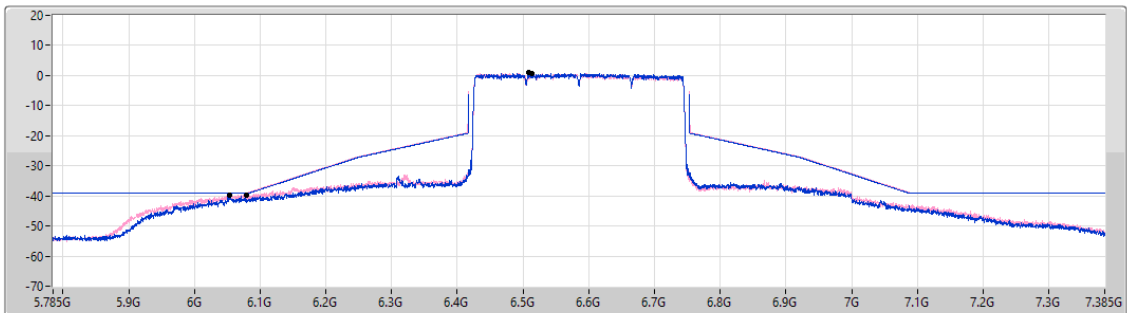
6.425-6.525GHz_802.11be EHT320_Nss1,(MCS0)_2TX

MASK

6585MHz_TX

20/05/2025

CF (Hz)
6.585G
Span (Hz)
1.6G
RBW (Hz)
3M
VBW (Hz)
10M
Sweep Time (s)
6.4m
Detector Type
RMS



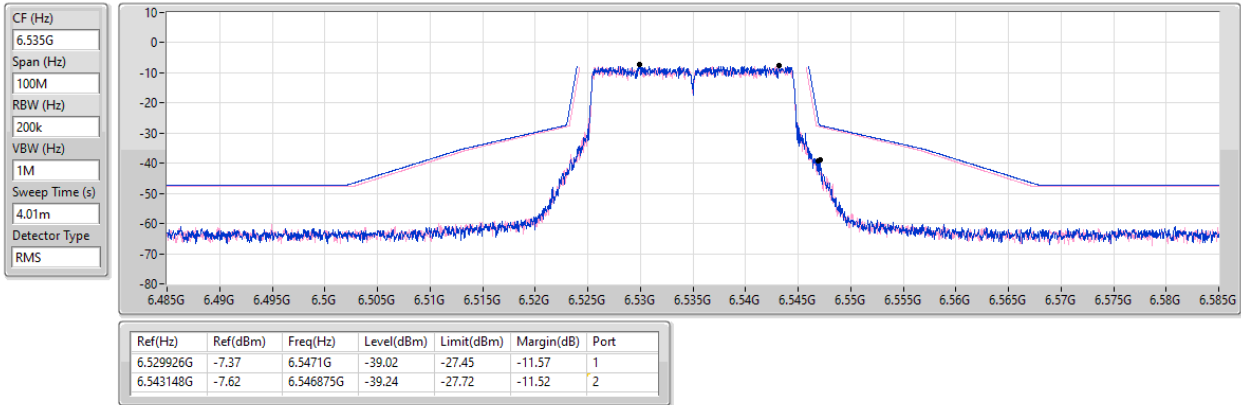
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.51382G	0.83	6.053G	-39.81	-39.17	-0.64	1
6.50862G	0.99	6.079G	-39.71	-39.01	-0.70	2

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

MASK

6535MHz_TX

20/05/2025

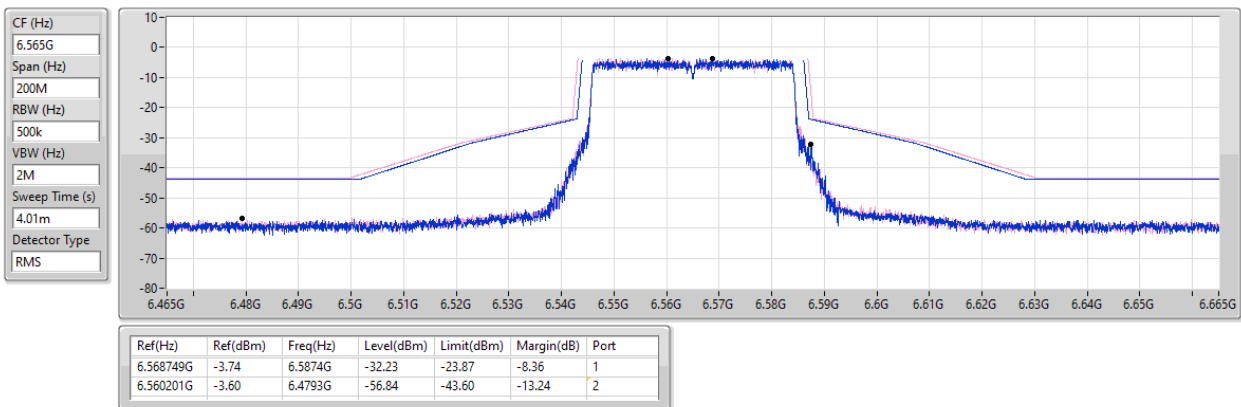


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

MASK

6565MHz_TX

20/05/2025

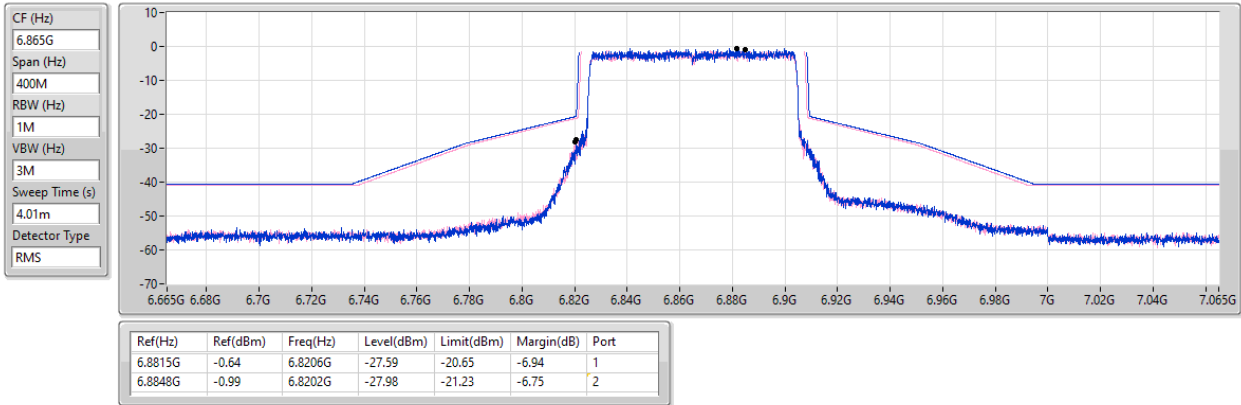


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

MASK

6865MHz_TX

20/05/2025

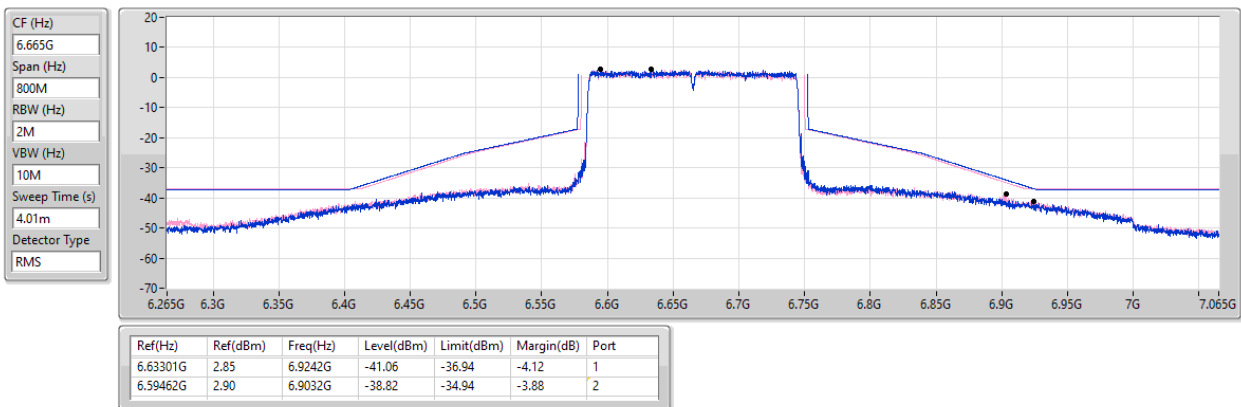


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX

MASK

6665MHz_TX

20/05/2025



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

MASK

6745MHz_TX

20/05/2025

CF (Hz)
6.745G

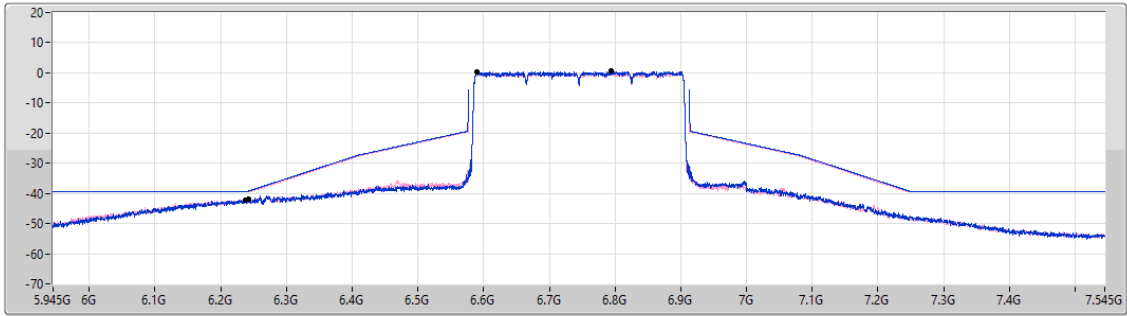
Span (Hz)
1.6G

RBW (Hz)
3M

VBW (Hz)
10M

Sweep Time (s)
6.4m

Detector Type
RMS



Port 1 

Port 2 

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.79419G	0.65	6.2382G	-42.12	-39.35	-2.77	1
6.58984G	0.43	6.2418G	-41.88	-39.57	-2.31	2

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

MASK

7115MHz_TX

20/05/2025

CF (Hz)
7.115G

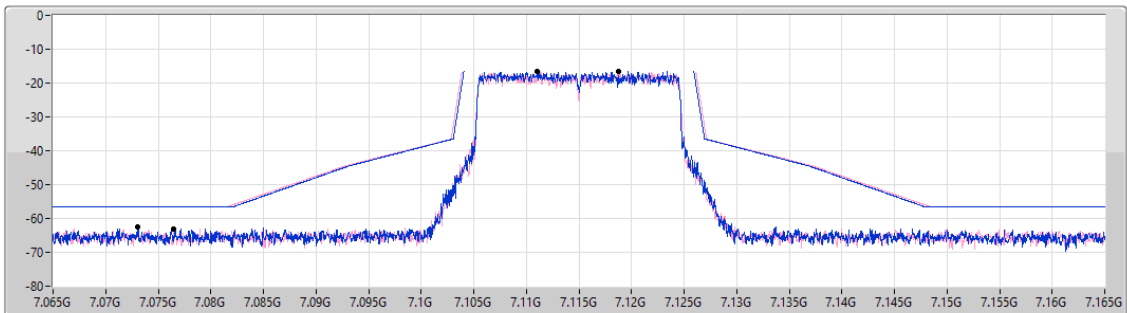
Span (Hz)
100M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
4.01m

Detector Type
RMS



Port 1 

Port 2 

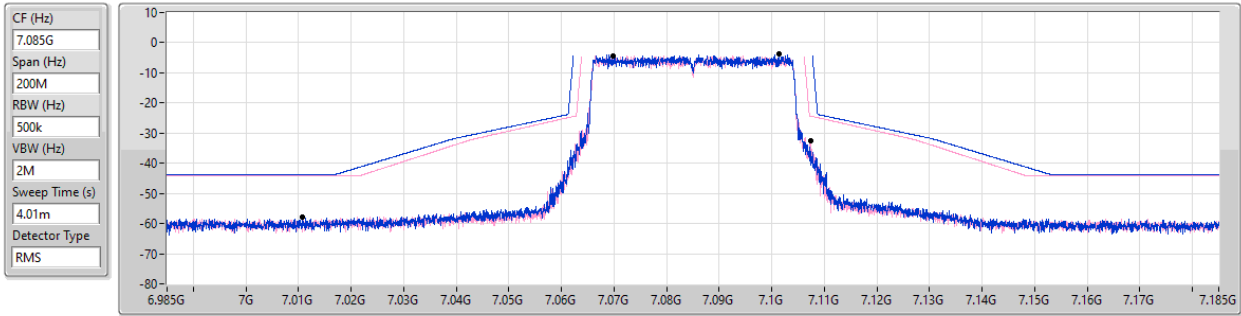
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
7.111076G	-16.51	7.073075G	-62.58	-56.51	-6.07	1
7.118799G	-16.53	7.0765G	-63.02	-56.53	-6.49	2

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

MASK

7085MHz_TX

20/05/2025



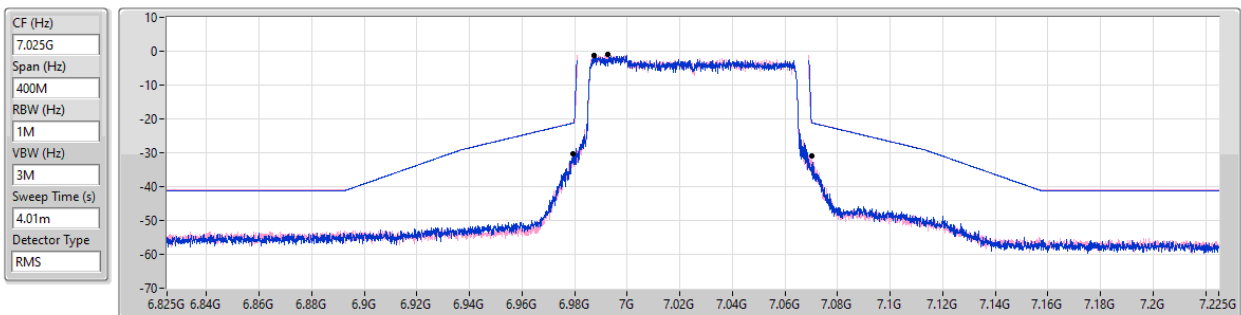
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
7.101346G	-3.82	7.0108G	-57.92	-43.82	-14.10	1
7.069804G	-4.25	7.10735G	-32.44	-24.32	-8.12	2

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

MASK

7025MHz_TX

20/05/2025



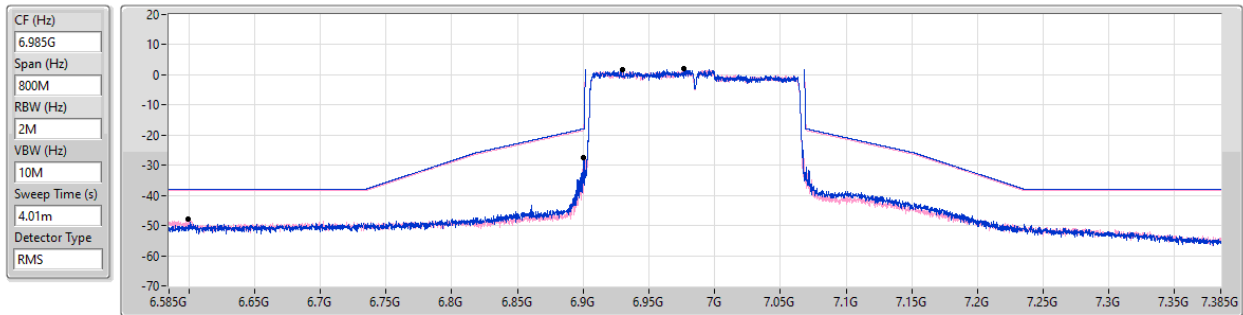
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.98741G	-1.16	6.9795G	-30.23	-21.23	-9.00	1
6.99261G	-1.01	7.0703G	-30.90	-21.09	-9.81	2

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

MASK

6985MHz_TX

20/05/2025



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.9768G	2.11	6.8998G	-27.38	-17.97	-9.41	1
6.93021G	1.58	6.5994G	-47.73	-38.42	-9.31	2

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
5.925-6.425GHz	-	-	-	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	Pass	6.186277G	-6.10	6.206475G	-38.51	-26.31	-12.20	1
802.11be EHT40-BF_Nss1,(MCS0)_2TX	Pass	6.188204G	-5.67	6.27905G	-55.20	-45.67	-9.53	2
802.11be EHT80-BF_Nss1,(MCS0)_2TX	Pass	6.3734G	0.34	6.2575G	-46.79	-39.66	-7.13	2
802.11be EHT160-BF_Nss1,(MCS0)_2TX	Pass	6.36819G	0.51	6.0878G	-44.38	-39.49	-4.89	1
802.11be EHT320-BF_Nss1,(MCS0)_2TX	Pass	6.05621G	0.68	6.6054G	-42.17	-39.32	-2.85	1
6.425-6.525GHz	-	-	-	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	Pass	6.507377G	-5.58	6.48145G	-57.52	-45.58	-11.94	2
802.11be EHT40-BF_Nss1,(MCS0)_2TX	Pass	6.538097G	-1.54	6.46035G	-51.33	-41.54	-9.79	1
802.11be EHT80-BF_Nss1,(MCS0)_2TX	Pass	6.43891G	0.89	6.3369G	-46.05	-39.11	-6.94	2
802.11be EHT160-BF_Nss1,(MCS0)_2TX	Pass	6.48301G	0.30	6.2544G	-44.44	-39.67	-4.77	2
802.11be EHT320-BF_Nss1,(MCS0)_2TX	Pass	6.52861G	-0.27	6.089G	-40.44	-40.25	-0.19	1
6.525-6.875GHz	-	-	-	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	Pass	6.526527G	-6.78	6.573625G	-59.04	-46.78	-12.26	2
802.11be EHT40-BF_Nss1,(MCS0)_2TX	Pass	6.868004G	0.21	6.95105G	-50.24	-39.79	-10.45	1
802.11be EHT80-BF_Nss1,(MCS0)_2TX	Pass	6.83161G	0.75	6.9942G	-45.51	-39.25	-6.26	1
802.11be EHT160-BF_Nss1,(MCS0)_2TX	Pass	6.61641G	0.48	6.9164G	-44.24	-39.14	-5.10	1
802.11be EHT320-BF_Nss1,(MCS0)_2TX	Pass	6.81262G	-0.37	6.4082G	-42.25	-40.37	-1.88	1
6.875-7.125GHz	-	-	-	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	Pass	7.122373G	-12.19	7.152325G	-60.60	-52.19	-8.41	2
802.11be EHT40-BF_Nss1,(MCS0)_2TX	Pass	7.068854G	-1.51	7.15045G	-51.60	-41.51	-10.09	1
802.11be EHT80-BF_Nss1,(MCS0)_2TX	Pass	6.99341G	0.35	6.8954G	-47.45	-39.53	-7.92	2
802.11be EHT160-BF_Nss1,(MCS0)_2TX	Pass	6.989G	-0.13	6.7294G	-47.01	-40.13	-6.88	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.951126G	-2.83	5.988775G	-58.37	-42.83	-15.54	1
5955MHz	Pass	5.946377G	-3.81	5.9668G	-36.59	-23.90	-12.69	2
6195MHz	Pass	6.186277G	-6.10	6.206475G	-38.51	-26.31	-12.20	1
6195MHz	Pass	6.188427G	-6.35	6.227825G	-59.17	-46.35	-12.82	2
6415MHz	Pass	6.407927G	-3.14	6.426475G	-36.20	-23.23	-12.97	1
6415MHz	Pass	6.406427G	-4.08	6.454625G	-58.52	-44.08	-14.44	2
6435MHz	Pass	6.442473G	-4.08	6.4235G	-37.39	-24.12	-13.27	1
6435MHz	Pass	6.443648G	-4.70	6.40145G	-58.38	-44.70	-13.68	2
6475MHz	Pass	6.480624G	-4.34	6.441925G	-58.33	-44.34	-13.99	1
6475MHz	Pass	6.477599G	-4.81	6.441375G	-58.37	-44.81	-13.56	2
6515MHz	Pass	6.524273G	-5.55	6.468875G	-58.87	-45.55	-13.32	1
6515MHz	Pass	6.507377G	-5.58	6.48145G	-57.52	-45.58	-11.94	2
6535MHz	Pass	6.527902G	-6.28	6.572625G	-58.72	-46.28	-12.44	1
6535MHz	Pass	6.526527G	-6.78	6.573625G	-59.04	-46.78	-12.26	2
6695MHz	Pass	6.702998G	-4.43	6.7322G	-58.63	-44.43	-14.20	1
6695MHz	Pass	6.687502G	-4.80	6.653225G	-58.60	-44.80	-13.80	2
6875MHz	Pass	6.880424G	-4.07	6.908G	-57.74	-44.07	-13.67	1
6875MHz	Pass	6.881398G	-4.91	6.92475G	-57.99	-44.91	-13.08	2
6895MHz	Pass	6.890226G	-6.37	6.86G	-57.56	-46.37	-11.19	1
6895MHz	Pass	6.903898G	-7.29	6.928375G	-57.91	-47.29	-10.62	2
6995MHz	Pass	6.988402G	-4.96	6.9598G	-57.47	-44.96	-12.51	1
6995MHz	Pass	6.999874G	-5.46	6.963525G	-57.28	-45.23	-12.05	2
7095MHz	Pass	7.098274G	-5.14	7.083475G	-37.41	-25.20	-12.21	1
7095MHz	Pass	7.087452G	-5.60	7.062G	-59.29	-45.60	-13.69	2
7115MHz	Pass	7.109026G	-11.65	7.0704G	-60.19	-51.65	-8.54	1
7115MHz	Pass	7.122373G	-12.19	7.152325G	-60.60	-52.19	-8.41	2
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.951003G	-0.18	5.928G	-36.36	-25.87	-10.49	1
5965MHz	Pass	5.977197G	-0.01	6.02895G	-50.07	-39.69	-10.38	2
6205MHz	Pass	6.200651G	-4.88	6.2793G	-55.25	-44.88	-10.37	1
6205MHz	Pass	6.188204G	-5.67	6.27905G	-55.20	-45.67	-9.53	2
6405MHz	Pass	6.422096G	-4.64	6.46965G	-55.07	-44.64	-10.43	1
6405MHz	Pass	6.391253G	-4.98	6.4698G	-54.90	-44.98	-9.92	2
6445MHz	Pass	6.428404G	-0.38	6.51015G	-50.73	-40.38	-10.35	1
6445MHz	Pass	6.437052G	-0.85	6.3813G	-51.87	-40.85	-11.02	2
6485MHz	Pass	6.471753G	-0.27	6.42125G	-51.20	-39.75	-11.45	1
6485MHz	Pass	6.468204G	-0.95	6.4175G	-52.50	-40.95	-11.55	2
6525MHz	Pass	6.538097G	-1.54	6.46035G	-51.33	-41.54	-9.79	1
6525MHz	Pass	6.508504G	-1.45	6.46045G	-53.58	-41.45	-12.13	2
6565MHz	Pass	6.553853G	-0.37	6.50255G	-50.80	-39.58	-11.22	1
6565MHz	Pass	6.577947G	-1.25	6.6298G	-52.30	-41.25	-11.05	2
6685MHz	Pass	6.668854G	-0.57	6.74735G	-50.83	-39.54	-11.29	1
6685MHz	Pass	6.667504G	-1.20	6.6199G	-52.54	-41.16	-11.38	2
6885MHz	Pass	6.868004G	0.21	6.95105G	-50.24	-39.79	-10.45	1
6885MHz	Pass	6.88605G	-0.25	6.9484G	-51.01	-40.09	-10.92	2
6925MHz	Pass	6.939396G	-0.08	6.98945G	-50.34	-40.04	-10.30	1
6925MHz	Pass	6.906555G	0.03	6.98915G	-50.29	-39.58	-10.71	2
7005MHz	Pass	6.987204G	-3.10	6.9405G	-53.48	-43.10	-10.38	1
7005MHz	Pass	6.991353G	-3.38	6.9375G	-53.75	-43.38	-10.37	2
7085MHz	Pass	7.068854G	-1.51	7.15045G	-51.60	-41.51	-10.09	1
7085MHz	Pass	7.080201G	-1.90	7.1527G	-53.03	-41.90	-11.13	2
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	6.01979G	0.23	6.1122G	-48.67	-39.72	-8.95	1
5985MHz	Pass	5.9941G	0.12	6.1163G	-48.58	-39.60	-8.98	2

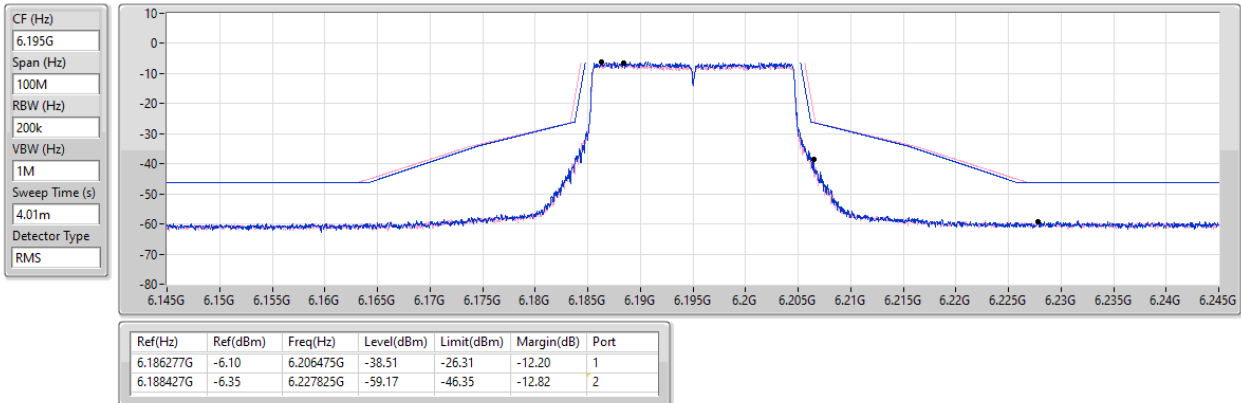
Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
6225MHz	Pass	6.18771G	-0.70	6.0913G	-50.52	-40.70	-9.82	1
6225MHz	Pass	6.24649G	-1.20	6.0995G	-49.93	-41.20	-8.73	2
6385MHz	Pass	6.41179G	0.56	6.255G	-46.94	-39.25	-7.69	1
6385MHz	Pass	6.3734G	0.34	6.2575G	-46.79	-39.66	-7.13	2
6465MHz	Pass	6.43741G	0.74	6.5977G	-47.05	-39.26	-7.79	1
6465MHz	Pass	6.43891G	0.89	6.3369G	-46.05	-39.11	-6.94	2
6545MHz	Pass	6.5374G	0.75	6.4158G	-46.28	-39.21	-7.07	1
6545MHz	Pass	6.51001G	0.44	6.411G	-47.38	-39.56	-7.82	2
6625MHz	Pass	6.58711G	0.88	6.756G	-46.99	-39.12	-7.87	1
6625MHz	Pass	6.59151G	0.35	6.4861G	-47.82	-39.65	-8.17	2
6705MHz	Pass	6.67241G	0.50	6.8371G	-47.25	-39.50	-7.75	1
6705MHz	Pass	6.67691G	0.52	6.5751G	-47.85	-39.48	-8.37	2
6785MHz	Pass	6.81189G	0.47	6.9165G	-47.33	-39.48	-7.85	1
6785MHz	Pass	6.789G	0.52	6.9189G	-47.33	-39.48	-7.85	2
6865MHz	Pass	6.83161G	0.75	6.9942G	-45.51	-39.25	-6.26	1
6865MHz	Pass	6.8771G	0.53	6.9997G	-46.87	-39.47	-7.40	2
6945MHz	Pass	6.945G	2.20	6.8166G	-48.58	-37.72	-10.86	1
6945MHz	Pass	6.9451G	2.45	6.8141G	-48.79	-37.55	-11.24	2
7025MHz	Pass	6.99721G	0.22	6.8937G	-47.84	-39.77	-8.07	1
7025MHz	Pass	6.99341G	0.35	6.8954G	-47.45	-39.53	-7.92	2
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	6.05619G	0.94	6.277G	-45.71	-38.95	-6.76	1
6025MHz	Pass	6.10198G	0.78	6.2802G	-45.75	-39.22	-6.53	2
6185MHz	Pass	6.13961G	1.07	6.4454G	-45.41	-38.93	-6.48	1
6185MHz	Pass	6.16061G	0.43	6.4384G	-45.32	-39.47	-5.85	2
6345MHz	Pass	6.36819G	0.51	6.0878G	-44.38	-39.49	-4.89	1
6345MHz	Pass	6.27582G	0.61	6.0906G	-44.68	-38.61	-6.07	2
6505MHz	Pass	6.5136G	0.31	6.2418G	-45.25	-39.69	-5.56	1
6505MHz	Pass	6.48301G	0.30	6.2544G	-44.44	-39.67	-4.77	2
6665MHz	Pass	6.61641G	0.48	6.9164G	-44.24	-39.14	-5.10	1
6665MHz	Pass	6.68819G	0.21	6.9194G	-45.40	-39.79	-5.61	2
6825MHz	Pass	6.8288G	0.46	6.5656G	-45.73	-39.54	-6.19	1
6825MHz	Pass	6.85779G	0.29	6.5642G	-45.97	-39.71	-6.26	2
6985MHz	Pass	6.9702G	-0.02	6.7356G	-46.85	-39.91	-6.94	1
6985MHz	Pass	6.989G	-0.13	6.7294G	-47.01	-40.13	-6.88	2
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6105MHz	Pass	6.05621G	0.68	6.6054G	-42.17	-39.32	-2.85	1
6105MHz	Pass	6.13179G	0.46	6.6026G	-43.04	-39.54	-3.50	2
6265MHz	Pass	6.19622G	2.69	6.9922G	-40.52	-35.15	-5.37	1
6265MHz	Pass	6.12983G	2.42	6.9978G	-41.35	-36.46	-4.89	2
6425MHz	Pass	6.39861G	2.15	7.1638G	-44.01	-37.83	-6.18	1
6425MHz	Pass	6.27424G	2.01	7.193G	-45.02	-37.99	-7.03	2
6585MHz	Pass	6.52861G	-0.27	6.089G	-40.44	-40.25	-0.19	1
6585MHz	Pass	6.43104G	-0.11	6.0798G	-40.97	-40.11	-0.86	2
6745MHz	Pass	6.77259G	-0.45	6.0426G	-45.96	-40.45	-5.51	1
6745MHz	Pass	6.62983G	-0.60	6.1714G	-43.65	-40.48	-3.17	2
6905MHz	Pass	6.81262G	-0.37	6.4082G	-42.25	-40.37	-1.88	1
6905MHz	Pass	6.87661G	-0.49	6.401G	-42.94	-40.49	-2.45	2

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

MASK

6195MHz_TX

24/03/2025



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

MASK

6205MHz_TX

24/03/2025

