



FCC RADIO TEST REPORT

FCC ID : G95BGW620
Equipment : Wi-Fi 7 XGS-PON Gateway
Brand Name : ARRIS
Model Name : BGW620-700
Applicant : Vantiva USA LLC
4855 Peachtree Industrial Blvd. Suite 200,
Norcross, Georgia, 30092 United States
Manufacturer : Vantiva
887 N Douglas street, El Segundo CA 90245
Standard : 47 CFR FCC Part 15.407

The product was received on May 09, 2024, and testing was started from May 10, 2024 and completed on Jul. 29, 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 C63.10-2020 + Cor.1-2023 + C63.10a-2024 and shown compliance with the applicable technical standards.

The test results in this variant 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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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: HE1-D1-1 Ver.2.8
FCC ID: G95BGW620



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.4	15.203	Antenna Requirement	PASS	-
3.1	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	PASS	-
3.3	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.4	15.407(b)	Unwanted Emissions	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: Sam Tsai

Report Producer: Michelle Tsai



1 General Description

1.1 Information

1.1.1 RF General Information

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

Non-Beamforming_Full RU

Band	Mode	BWch	Nant
5.925-6.425GHz	802.11be EHT20	20	4TX
6.425-6.525GHz	802.11be EHT20	20	4TX
6.525-6.875GHz	802.11be EHT20	20	4TX
6.875-7.125GHz	802.11be EHT20	20	4TX
5.925-6.425GHz	802.11be EHT40	40	4TX
6.425-6.525GHz	802.11be EHT40	40	4TX
6.525-6.875GHz	802.11be EHT40	40	4TX
6.875-7.125GHz	802.11be EHT40	40	4TX
5.925-6.425GHz	802.11be EHT80	80	4TX
6.425-6.525GHz	802.11be EHT80	80	4TX
6.525-6.875GHz	802.11be EHT80	80	4TX
6.875-7.125GHz	802.11be EHT80	80	4TX
5.925-6.425GHz	802.11be EHT160	160	4TX
6.425-6.525GHz	802.11be EHT160	160	4TX
6.525-6.875GHz	802.11be EHT160	160	4TX
6.875-7.125GHz	802.11be EHT160	160	4TX
5.925-6.425GHz	802.11be EHT320	320	4TX
6.425-6.525GHz	802.11be EHT320	320	4TX
6.525-6.875GHz	802.11be EHT320	320	4TX

**Non-Beamforming_Multi-RU**

Band	Mode	BWch	Nant
5.925-6.425GHz	802.11be EHT80	80	4TX
6.425-6.525GHz	802.11be EHT80	80	4TX
6.525-6.875GHz	802.11be EHT80	80	4TX
6.875-7.125GHz	802.11be EHT80	80	4TX
5.925-6.425GHz	802.11be EHT160	160	4TX
6.425-6.525GHz	802.11be EHT160	160	4TX
6.525-6.875GHz	802.11be EHT160	160	4TX
6.875-7.125GHz	802.11be EHT160	160	4TX
5.925-6.425GHz	802.11be EHT320	320	4TX
6.425-6.525GHz	802.11be EHT320	320	4TX
6.525-6.875GHz	802.11be EHT320	320	4TX
6.875-7.125GHz	802.11be EHT320	320	4TX

Beamforming

Band	Mode	BWch	Nant
5.925-6.425GHz	802.11be EHT20-BF	20	4TX
6.425-6.525GHz	802.11be EHT20-BF	20	4TX
6.525-6.875GHz	802.11be EHT20-BF	20	4TX
6.875-7.125GHz	802.11be EHT20-BF	20	4TX
5.925-6.425GHz	802.11be EHT40-BF	40	4TX
6.425-6.525GHz	802.11be EHT40-BF	40	4TX
6.525-6.875GHz	802.11be EHT40-BF	40	4TX
6.875-7.125GHz	802.11be EHT40-BF	40	4TX
5.925-6.425GHz	802.11be EHT80-BF	80	4TX
6.425-6.525GHz	802.11be EHT80-BF	80	4TX
6.525-6.875GHz	802.11be EHT80-BF	80	4TX
6.875-7.125GHz	802.11be EHT80-BF	80	4TX
5.925-6.425GHz	802.11be EHT160-BF	160	4TX
6.425-6.525GHz	802.11be EHT160-BF	160	4TX
6.525-6.875GHz	802.11be EHT160-BF	160	4TX
6.875-7.125GHz	802.11be EHT160-BF	160	4TX
5.925-6.425GHz	802.11be EHT320-BF	320	4TX
6.425-6.525GHz	802.11be EHT320-BF	320	4TX
6.525-6.875GHz	802.11be EHT320-BF	320	4TX
6.875-7.125GHz	802.11be EHT320-BF	320	4TX

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 MRU (static preamble puncturing)

RU-tone	MRU(static preamble puncturing)	Bandwidth(MHz)		6GHz Test CH	
		80		CH7	CH215
484+242	1	242	484	--	V
	2	242	484	V	V
	3	484	242	V	V
	4	484	242	V	--

RU-tone	MRU(static preamble puncturing)	Bandwidth(MHz)		6GHz Test CH	
		160		CH15	CH207
996+484	1	484	996	--	V
	2	484	996	V	V
	3	996	484	V	V
	4	996	484	V	--
996+484+242	1	242	484	996	--
	2	242	484	996	V
	3	484	242	996	V
	4	484	242	996	V
	5	996	242	484	V
	6	996	242	484	V
	7	996	484	242	V
	8	996	484	242	--

RU-tone	MRU(static preamble puncturing)	Bandwidth(MHz)		6GHz Test CH	
		320		CH31	CH191
2×996+484	1	484	996	--	--
	2	484	996	V	--
	3	996	484	V	--
	4	996	484	V	--
	5	996	484	V	--
	6	996	484	V	--
	7	484	996	--	V
	8	484	996	--	V
	9	996	484	--	V
	10	996	484	--	V
	11	996	484	--	V
	12	996	484	--	--
3×996	1	996	996	--	V
	2	996	996	V	V
	3	996	996	V	V
	4	996	996	V	V
3×996+484	1	484	996	--	V
	2	484	996	V	V
	3	996	484	V	V
	4	996	484	V	V
	5	996	484	V	V
	6	996	484	V	V
	7	996	484	V	V
	8	996	484	V	--

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

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

1.1.4 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	Galtronics	DB1	PCB	I-Pex	2.4G+5G
2	Galtronics	DB2	PCB	I-Pex	2.4G+5G
3	Galtronics	DB3	PCB	I-Pex	2.4G+5G
4	Galtronics	DB4	PCB	I-Pex	2.4G+5G
5	Galtronics	6G1	PCB	I-Pex	6G
6	Galtronics	6G2	PCB	I-Pex	6G
7	Galtronics	6G3	PCB	I-Pex	6G
8	Galtronics	6G4	PCB	I-Pex	6G
9	Galtronics	IoT1-DFS	PCB	I-Pex	5G/BT/802.15.4
10	Galtronics	IoT2	PCB	I-Pex	BT/802.15.4
11	Galtronics	GNSS	PCB	I-Pex	GPS

Ant.	Port	Gain (dBi)											
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	DFS-RX	BT+802.15.4	GPS
1	1	3.54	4.9	4.94	5.12	5.02	-	-	-	-	-	-	-
2	2	4.79	3.47	3.79	3.58	2.66	-	-	-	-	-	-	-
3	3	3.46	2.48	2.72	4.85	4.02	-	-	-	-	-	-	-
4	4	3.75	4.41	3.05	3.46	3.78	-	-	-	-	-	-	-
5	1	-	-	-	-	-	4	4.85	4.11	4.22	-	-	-
6	2	-	-	-	-	-	3.64	4.26	3.26	4.19	-	-	-
7	3	-	-	-	-	-	5.5	5.4	4.77	5.07	-	-	-
8	4	-	-	-	-	-	5.11	5.04	4.96	5.17	-	-	-
9	1	-	-	-	-	-	-	-	-	-	5.647	4.716	-
10	2	-	-	-	-	-	-	-	-	-	-	3.765	-
11	1	-	-	-	-	-	-	-	-	-	-	-	4.219



Composite Gain (dBi)									
Freq(Hz)	2.45G	5.2G	5.3G	5.6G	5.785G	6.175G	6.475G	6.695G	6.995G
DG [1SS] (dBi)	5.03	5.25	5.58	6.35	6.17	5.66	5.88	5.63	5.82
DG [2SS] (dBi)	4.79	4.9	4.94	5.12	5.02	5.5	5.4	4.96	5.17
DG [4SS] (dBi)	4.79	4.9	4.94	5.12	5.02	5.5	5.4	4.96	5.17

Note 1: The EUT has eleven antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v01 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP450601.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax/be mode (4TX/4RX)

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

For 5GHz function:

For IEEE 802.11 a/n/ac/ax/be mode (4TX/5RX)

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

Ant. 1 (port 1), Ant. 2 (port 2), Ant. 3 (port 3), Ant. 4 (port 4) and Ant. 9 (port 1) could receive simultaneously.

For 6GHz function:

For IEEE 802.11 ax/be mode (4TX/4RX)

Ant. 5 (port 1), Ant. 6 (port 2), Ant. 7 (port 3) and Ant. 8 (port 4) could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 9 (port 1) or Ant. 10 (port 2) could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was Ant. 10(port 2) and it was record in this test report.

For 802.15.4 function:

For IEEE 802.15.4 mode (1TX/1RX)

Ant. 9 (port 1) or Ant. 10 (port 2) could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was Ant. 10(port 2) and it was record in this test report.

For GPS function:

For GNSS mode (1TX/1RX)

Ant. 11 (port 1) could transmit/receive.

**1.1.5 EUT Information**

Operational Condition			
EUT Power Type	From AC Adapter		
EUT Function	☒	Indoor Access Point	☐ Dual Client
	☐	Indoor Client	☐ Fixed Client
	☐	Subordinate	☐ Standard Client
	☐	Very Low Power	☐ Standard Power Access Point
			☐ Indoor use
			☐ Outdoor use
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
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.

1.1.6 Mode Test Duty Cycle**Non-Beamforming_Full RU**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss1,(MCS0)_4TX	0.978	0.1	1.496m	1k
802.11be EHT40_Nss1,(MCS0)_4TX	0.961	0.17	780.937u	2k
802.11be EHT80_Nss1,(MCS0)_4TX	0.928	0.32	410.625u	3k
802.11be EHT160_Nss1,(MCS0)_4TX	0.884	0.54	240.937u	5k
802.11be EHT320_Nss1,(MCS0)_4TX	0.836	0.78	159.375u	10k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

**Non-Beamforming_Multi-RU**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	0.945	0.25	544.687u	2k
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_4TX	0.894	0.49	268.125u	5k
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 6_4TX	0.894	0.49	268.125u	5k
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	0.904	0.44	300u	5k
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 3_4TX	0.904	0.44	300u	5k
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 4_4TX	0.843	0.74	169.687u	10k
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 8_4TX	0.842	0.75	169.687u	10k
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 3_4TX	0.855	0.68	186.562u	10k
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_4TX	0.855	0.68	186.562u	10k
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 5_4TX	0.87	0.6	210u	5k
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 9_4TX	0.871	0.6	210u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Beamforming

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.945	0.25	3.116m	500
802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.946	0.24	4.641m	300
802.11be EHT80-BF_Nss1,(MCS0)_4TX	0.925	0.34	4.4m	300
802.11be EHT160-BF_Nss1,(MCS0)_4TX	0.894	0.49	5.1m	200
802.11be EHT320-BF_Nss1,(MCS0)_4TX	0.848	0.72	5.103m	200

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

1.1.7 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR450601AE

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
1. Heatsinks now use tooled parts instead of CNC parts (same design). 2. Antenna 6G2 cable routing (yellow cable) moved to avoid DFM issue (same length and Antenna and Antenna placement) 3. Added one decoupling capacitor to main SoC GPhy 3.3V supply to slightly improve ripple.	RF Conducted test and Radiated Emission test was evaluated.



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 C63.10-2020 + Cor.1-2023 + C63.10a-2024
- ♦ 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 662911 D03 v02
- ♦ 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
RF Conducted (Non-Beamforming_ Multi-RU)	TH07-HY	Yuna Lin	23.6~24.2°C / 53~58%	17/Jun/2025~24/Jun/2025
RF Conducted (Beamforming)	TH07-HY	Yulin Chen	23.7~24.2°C / 54~57%	15/Jun/2025~29/Jul/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			
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted (Non-Beamforming)	TH06-HY	Johnny Yu	22.7~23.4°C / 49~54%	18/May/2024~07/Jun/2024
RF Conducted (Beamforming)	TH06-HY	Johnny Yu	22.7~23.2°C / 53~57%	03/Jun/2024
RF Conducted (Non-Beamforming_ Full RU)	TH06-HY	Johnny Yu	23.4~23.9°C / 52~61%	21/May/2025~17/Jun/2025
Radiated (Non-Beamforming)	03CH25-HY	Simon Cheng	22.2~23.4°C / 50~52%	10/May/2024~28/Jun/2024
Radiated (Beamforming)	03CH25-HY	Lego Lin	22.2~23.4°C / 50~52%	25/May/2024~29/Jun/2024
Radiated (Non-Beamforming_ Full RU)	03CH25-HY	Henry Ho	22.6~23.1°C / 50~53%	14/May/2025~19/May/2025
Radiated (Non-Beamforming_ Multi-RU)	03CH25-HY	Henry Ho	22.7~23.3°C / 50~53%	20/Jun/2025~21/Jun/2025
Radiated (Beamforming)	03CH25-HY	Rian Chung	22.1~23.4°C / 51~54%	03/Jun/2025~06/Jun/2025



1.4 Measurement Uncertainty

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

Test Date: 10/May/2024~29/Jun/2024

Test Items	Uncertainty	Remark
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%
Frequency Stability	1.18 ppm	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

Test Date: 14/May/2025~29/Jul/2025

Test Items	Uncertainty	Remark
Emission Bandwidth	0.05 MHz	Confidence levels of 95%
Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)	1.48 dB	Confidence levels of 95%
Peak Power Spectral Density (E.I.R.P.)	1.48 dB	Confidence levels of 95%
Radiated Emission (9 kHz ~ 30 MHz)	2.9 dB	Confidence levels of 95%
Radiated Emission (30 MHz ~ 1 GHz)	5.64 dB	Confidence levels of 95%
Radiated Emission (1 GHz ~ 18 GHz)	5.02 dB	Confidence levels of 95%
Radiated Emission (18 GHz ~ 40 GHz)	5.28 dB	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	accessMTool_REL_3_3_0_6
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Non-Beamforming_Full RU

Mode
802.11be EHT20_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
7115MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz



6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320_Nss1,(MCS0)_4TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz

**Non-Beamforming_Multi-RU**

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 6_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 3_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_4TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
6985MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 8_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 5_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 4_4TX
6905MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 3_4TX
6905MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 9_4TX
6905MHz

**Beamforming**

Test Software Version	PuTTY Release 0.62
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Mode
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
7115MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz



802.11be EHT160-BF_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320-BF_Nss1,(MCS0)_4TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz



2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Unwanted Emissions 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		
1	Adapter mode		
Operating Mode > 1GHz	CTX		
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	WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz + Bluetooth
2	WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz + 802.15.4
Refer to Sporton Test Report No.: FA450601-03 for Co-location RF Exposure Evaluation.	



2.3 Accessories

Accessories				
AC Adapter (US Plug)	Brand Name	Vantiva	Model Name	EPS72R0-16
	SN	DD72A2343A0551		
	Power Rating	I/P: 120Vac, 1.8A, O/P: 12Vdc, 6A		
	Power Cord	3.6 meter, non-shielded cable, w/o ferrite core		

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

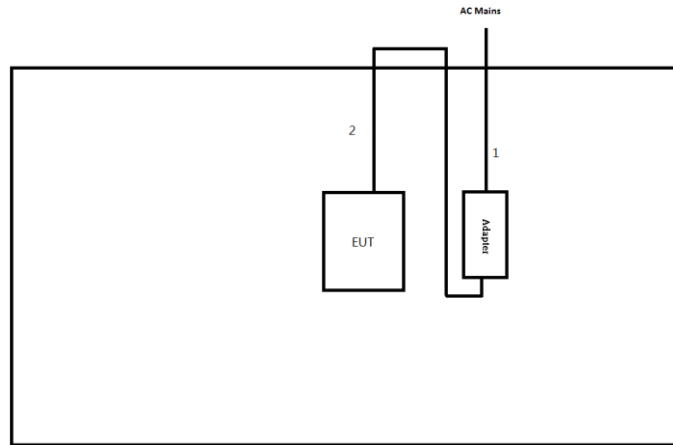
2.4 Support Equipment

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 cable	Power sync	CAT-6E-10	-	-
2	Notebook	HP	HSTNN-142C	-	Remote
3	Adapter for Notebook	HP	HSTNN-CA40	-	Remote
4	Client	AT&T	BGW620-700	-	Remote/ Beamforming Provided by Customer

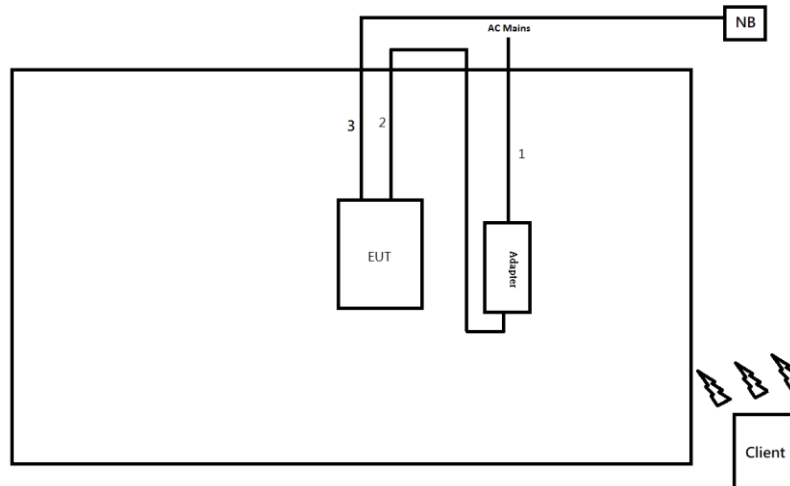
2.5 Test Setup Diagram

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	1.8	-

Test Setup Diagram - Radiated Test (Beamforming)



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.8	-
3	RJ45 cable	No	10.0	-

3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 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

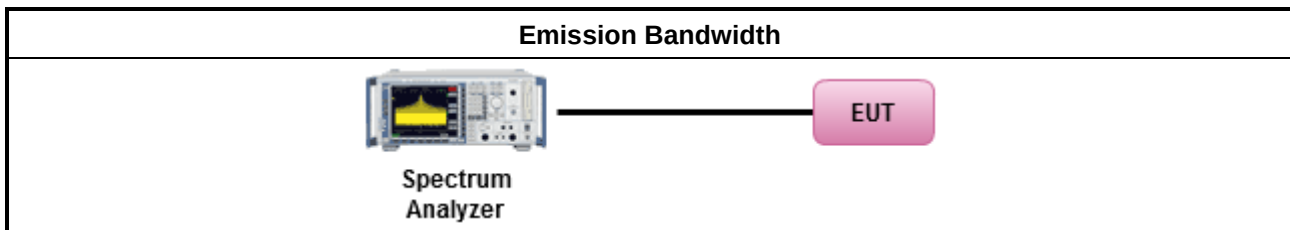
3.1.2 Measuring Instruments

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

3.1.3 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.

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A



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

3.2.1 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.



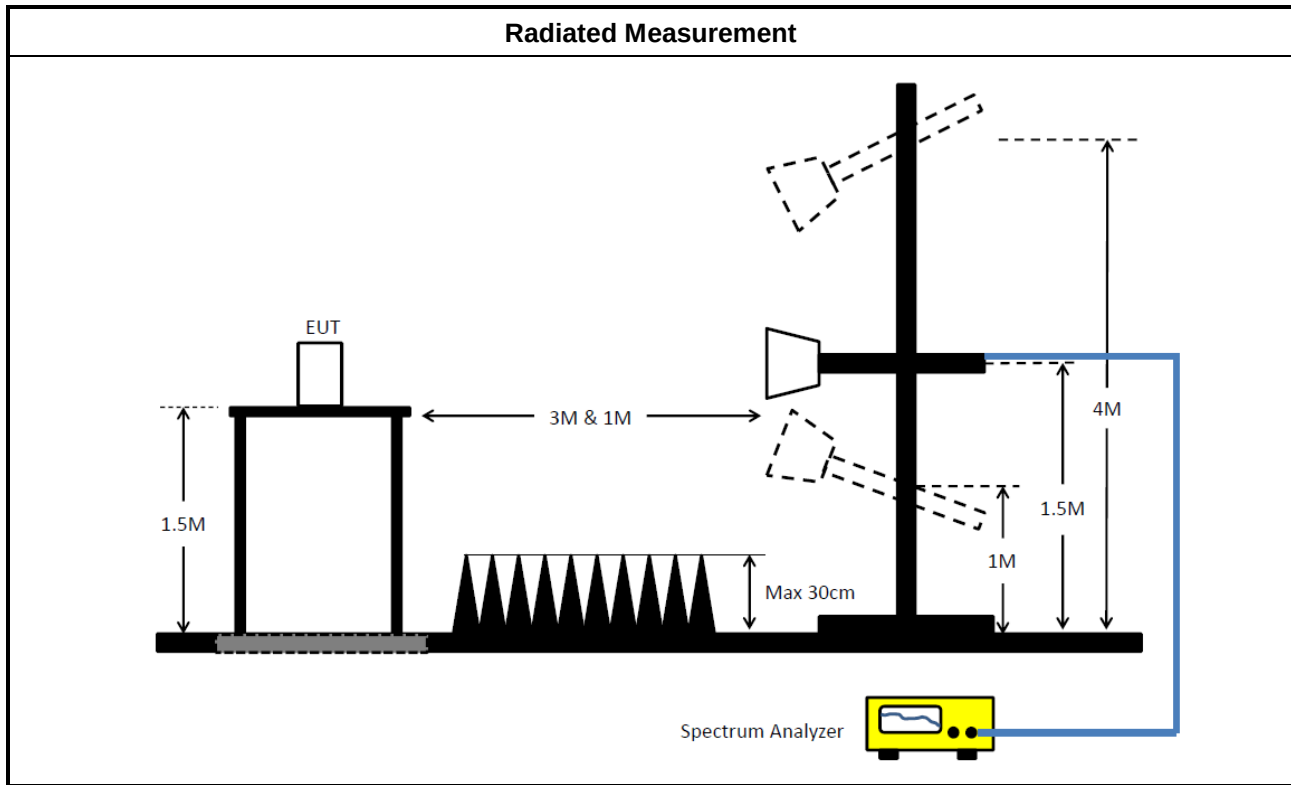
3.2.2 Measuring Instruments

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

3.2.3 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.

3.2.4 Test Setup



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

Refer as Appendix B



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

3.3.1 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.

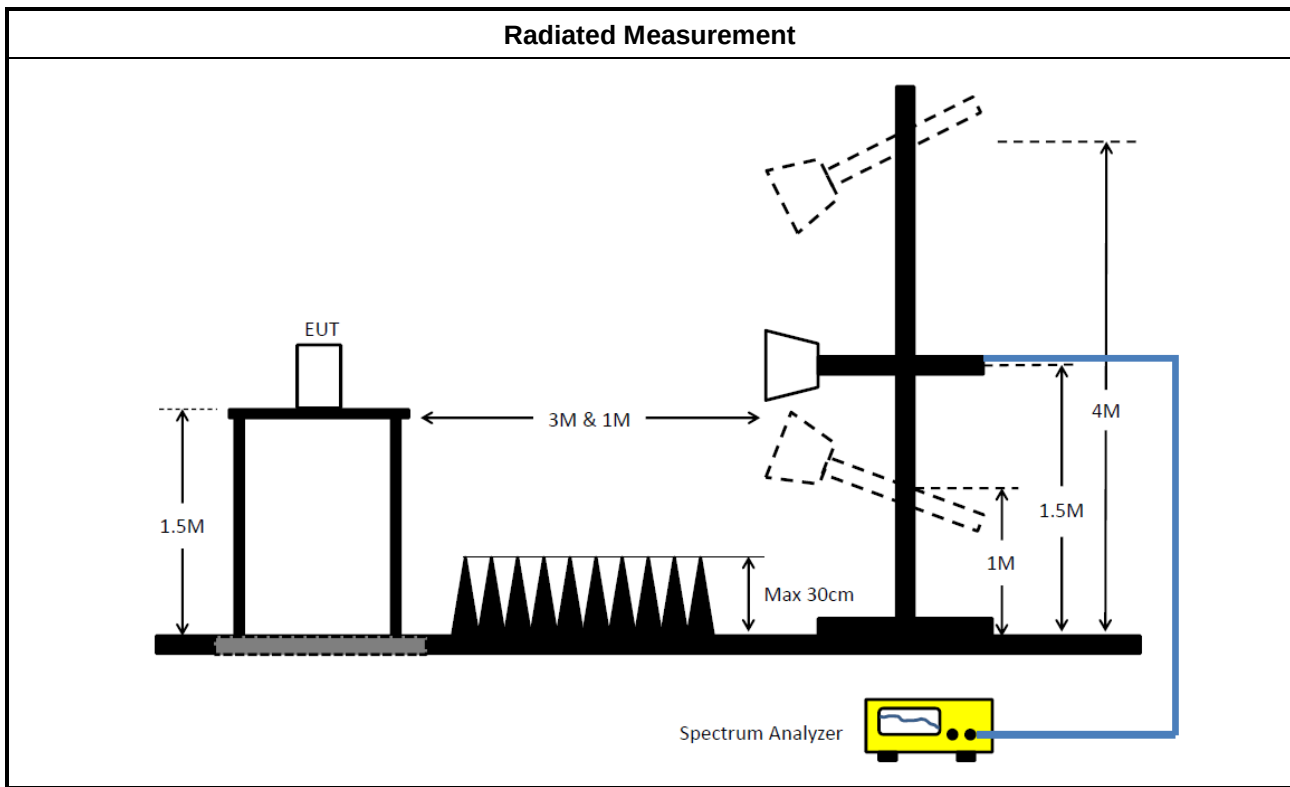
3.3.2 Measuring Instruments

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

**3.3.3 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.	

3.3.4 Test Setup



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

Refer as Appendix C



3.4 Unwanted Emissions

3.4.1 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

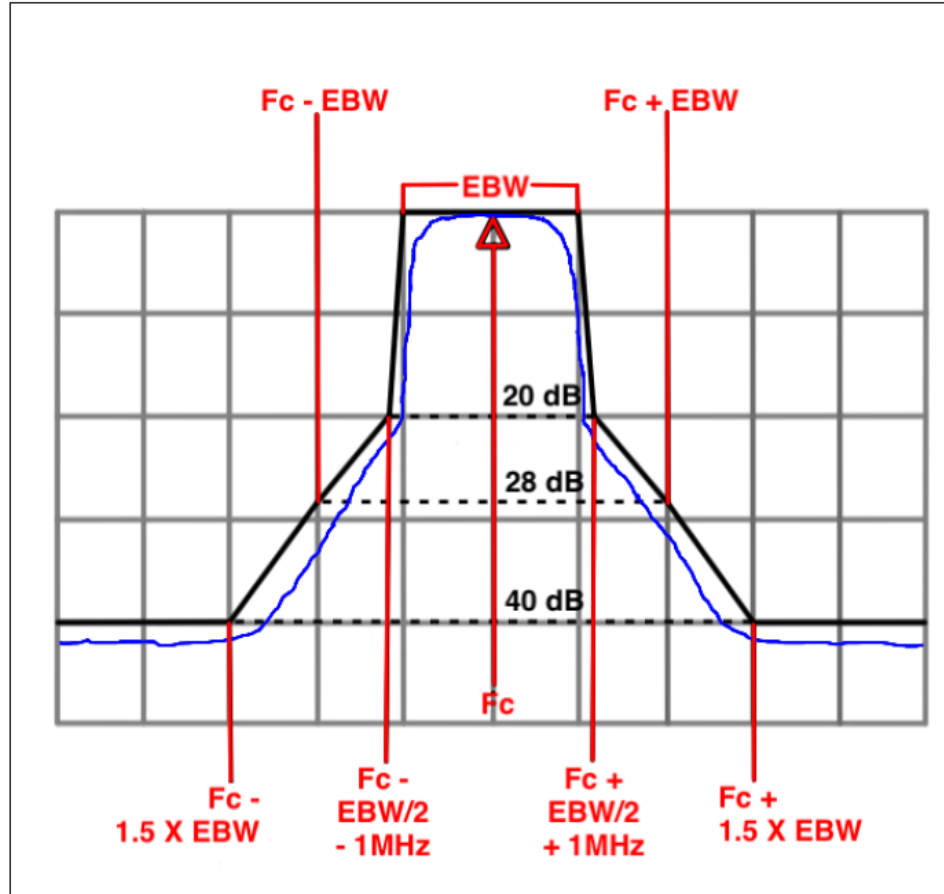
Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance 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.





3.4.2 Measuring Instruments

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

3.4.3 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 11.12.2.5.2.3 (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 4.1.5.2.2 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.	



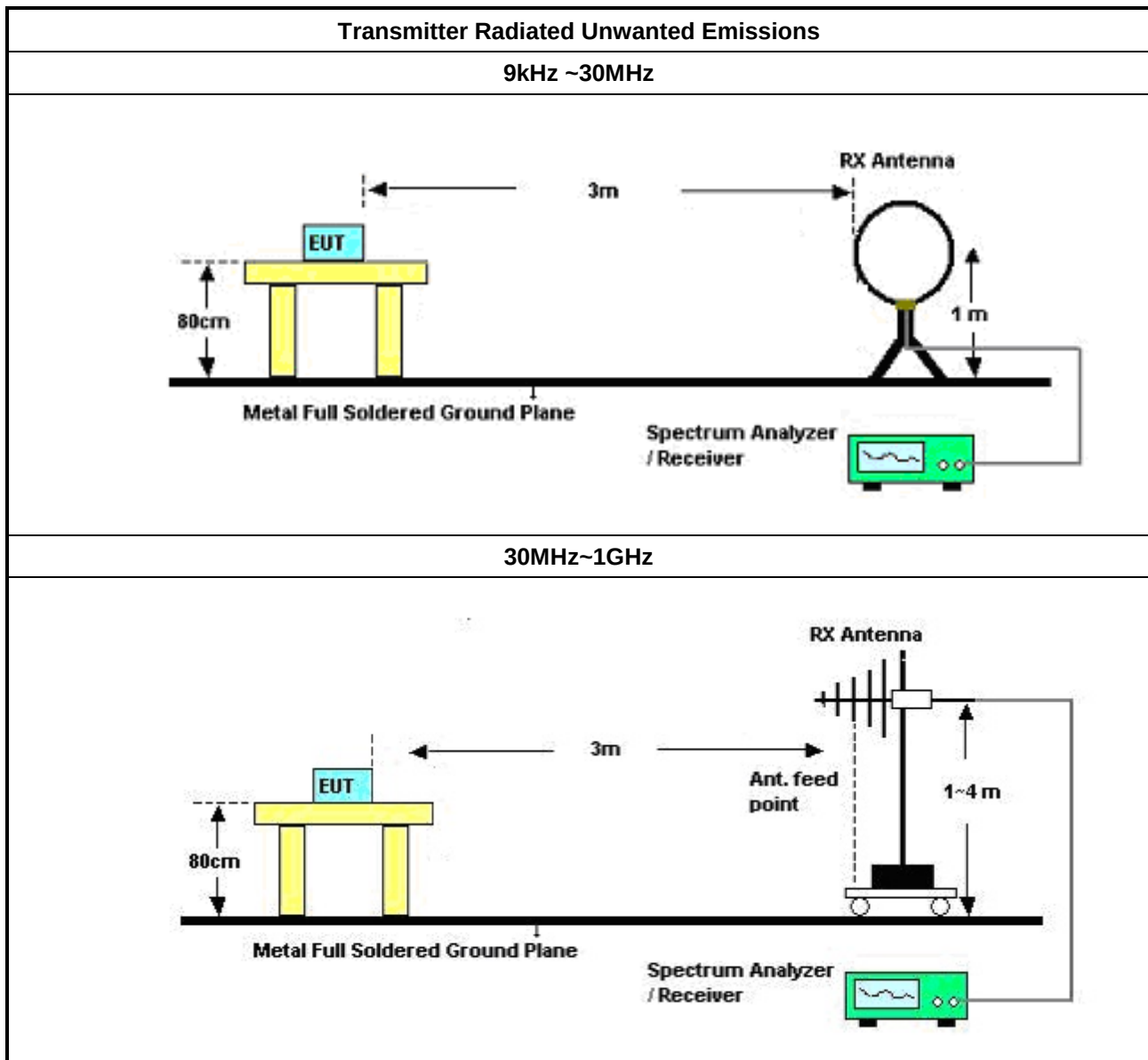
Test Method	
▪ For conducted and cabinet radiation measurement, refer as FCC KDB 789033, clause G)3).	
	▪ For conducted unwanted emissions into non-restricted bands (relative emission limits). Devices with multiple transmit chains: Refer as FCC KDB 662911, when testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding 10 log(N) if the measurements are made relative to the in-band emissions on the individual outputs.
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.
▪ 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.

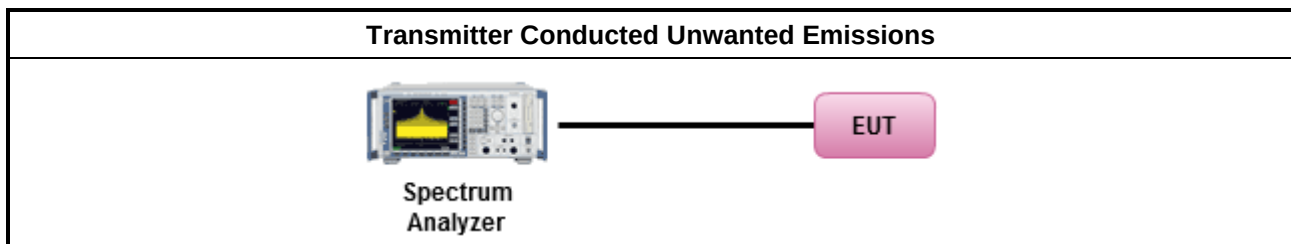
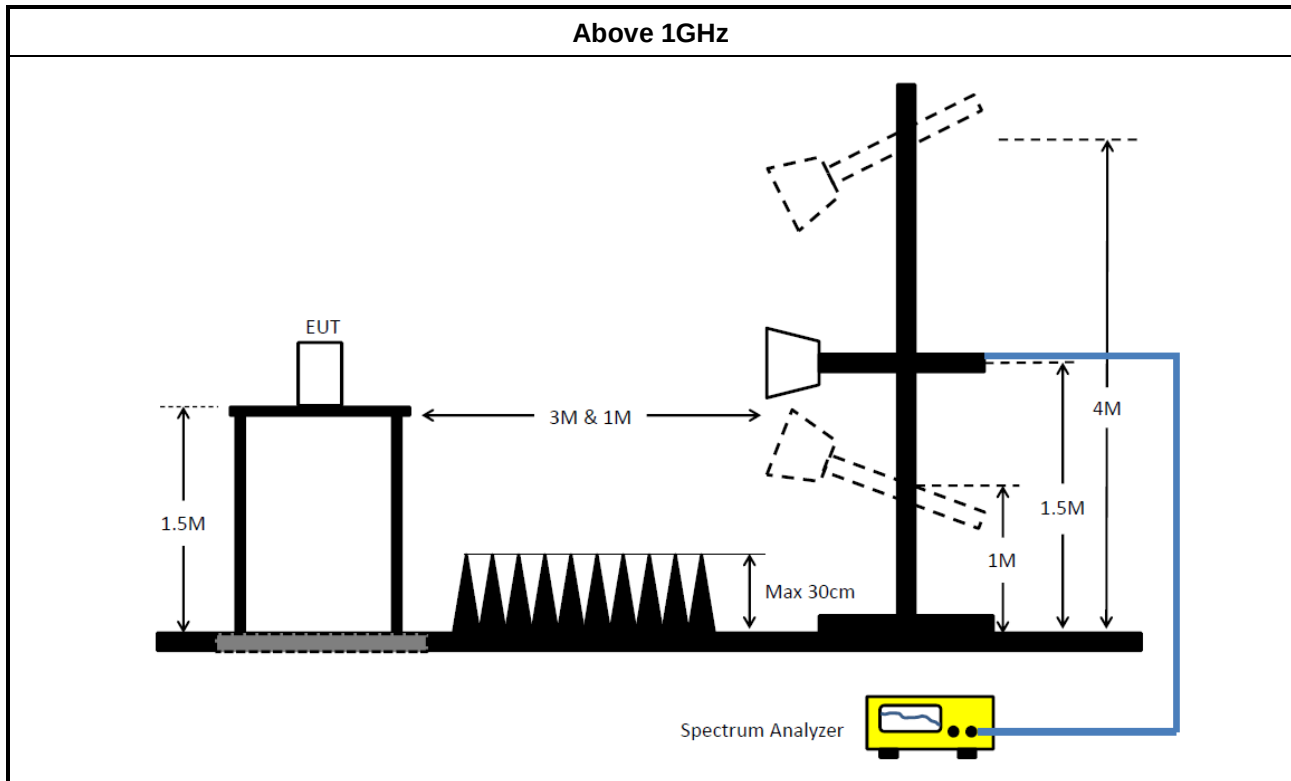
3.4.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.4.5 Test Setup





3.4.6 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.

3.4.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D



4 Test Equipment and Calibration Data

Instrument for Conducted Test (TH06-HY) Test Date:18/May/2024~07/Jun/2024

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	30/Oct/2023	29/Oct/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	01/Apr/2024	31/Mar/2025
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	02/Apr/2024	01/Apr/2025
SENSE-15407_NII	Sporton	V5.11.18	N/A	N/A	N/A	N/A

Instrument for Conducted Test (TH06-HY) Test Date:21/May/2025~17/Jun/2025

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	28/Oct/2024	27/Oct/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	28/Mar/2025	27/Mar/2026
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	28/Mar/2025	27/Mar/2026
SENSE-15407_NII	Sporton	V5.11.23	N/A	N/A	N/A	N/A

Instrument for Conducted Test (TH07-HY) Test Date:15/Jun/2025~29/Jul/2025

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 (Non-Beamforming_Full RU) Test Date:10/May/2024~28/Jun/2024**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	30MHz~1GHz 3m	03/Aug/2023	02/Aug/2024
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	09/Aug/2023	08/Aug/2024
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	27/Dec/2023	26/Dec/2024
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	17/Nov/2023	16/Nov/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63537/001	30MHz~1GHz	31/May/2023	30/May/2024
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63537/001	30MHz~1GHz	30/May/2024	29/May/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	12/Jul/2023	11/Jul/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	9kHz~1GHz	24/Apr/2024	23/Apr/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	23/Apr/2024	22/Apr/2025
Preamplifier	SGH	PRAMP 903	20230515-1	25MHz~3GHz	25/May/2023	24/May/2024
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz ~18GHz	25/May/2023	24/May/2024
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	15/Apr/2024	14/Apr/2025
SENSE-15407-NII	Sporton	V5.11.18	NA	NA	NA	NA

Instrument for Radiated Test (Non-Beamforming_Multi-RU) Test Date: 10/May/2024~28/Jun/2024

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	09/Aug/2023	08/Aug/2024
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	17/Nov/2023	16/Nov/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	12/Jul/2023	11/Jul/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170614	18GHz~40GHz	18/May/2024	17/May/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	23/Apr/2024	22/Apr/2025
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz ~18GHz	24/May/2024	23/May/2025
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40GA	060604	18GHz ~ 40GHz	19/Apr/2024	18/Apr/2025
SENSE-15407-NII	Sporton	V5.11.18	NA	NA	NA	NA

**Instrument for Radiated Test (Beamforming) Test Date:25/May/2024~29/Jun/2024**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	09/Aug/2023	08/Aug/2024
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	17/Nov/2023	16/Nov/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	12/Jul/2023	11/Jul/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	23/Apr/2024	22/Apr/2025
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz ~18GHz	24/May/2024	23/May/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	15/Apr/2024	14/Apr/2025
SENSE-15407-NII	Sporton	V5.11.18	NA	NA	NA	NA

Instrument for Radiated Test (Non-Beamforming_Full RU) Test Date 14/May/2025~19/May/2025

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	30MHz~1GHz 3m	20/Jul/2024	19/Jul/2025
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	08/Aug/2024	07/Aug/2025
ESR7 EMI Test Receiver	ROHDE & SCHWARZ	ESR7	102956	9kHz~3.6GHz	27/Aug/2024	26/Aug/2025
Signal Analyzer	ROHDE& SCHWARZ	FSV3044	101410	10Hz~44GHz	18/Nov/2024	17/Nov/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63537/001	30MHz~1GHz	30/May/2024	29/May/2025
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63537/001	30MHz~1GHz	23/May/2025	22/May/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	11/Jul/2024	10/Jul/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	9kHz~1GHz	23/Apr/2025	22/Apr/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	15/Feb/2025	14/Feb/2026
Preamplifier	SGH	PRAMP 903	20230515-1	25MHz~3GHz	24/May/2024	23/May/2025
Preamplifier	SGH	PRAMP 903	20230515-1	25MHz~3GHz	21/May/2025	20/May/2026
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz~18GHz	24/May/2024	23/May/2025
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz~18GHz	21/May/2025	20/May/2026
Preamplifier	EMCI	EM01G18G	060940	1GHz~18GHz	22/Oct/2024	21/Oct/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	18/Apr/2025	17/Apr/2026
SENSE-15407-NII	Sporton	V5.11.23	NA	NA	NA	NA

**Instrument for Radiated Test (Non-Beamforming_Multi-RU) Test Date:20/Jun/2025~21/Jun/2025**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	08/Aug/2024	07/Aug/2025
Signal Analyzer	ROHDE& SCHWARZ	FSV3044	101410	10Hz~44GHz	18/Nov/2024	17/Nov/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	11/Jul/2024	10/Jul/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	15/Feb/2025	14/Feb/2026
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz~18GHz	21/May/2025	20/May/2026
Preamplifier	EMCI	EM01G18G	060940	1GHz~18GHz	22/Oct/2024	21/Oct/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	18/Apr/2025	17/Apr/2026
SENSE-15407-NII	Sporton	V5.11.23	NA	NA	NA	NA

Instrument for Radiated Test (Beamforming) Test Date:03/Jun/2025~06/Jun/2025

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	08/Aug/2024	07/Aug/2025
Signal Analyzer	ROHDE& SCHWARZ	FSV3044	101410	10Hz~44GHz	18/Nov/2024	17/Nov/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	11/Jul/2024	10/Jul/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	15/Feb/2025	14/Feb/2026
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz~18GHz	21/May/2025	20/May/2026
Preamplifier	EMCI	EM01G18G	060940	1GHz~18GHz	22/Oct/2024	21/Oct/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	18/Apr/2025	17/Apr/2026
SENSE-15407-NII	Sporton	V5.11.23	NA	NA	NA	NA

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	21.56M	19.115M	19M1D1D	20.9M	18.991M
802.11be EHT40_Nss1,(MCS0)_4TX	40.59M	37.831M	37M8D1D	39.38M	37.631M
802.11be EHT80_Nss1,(MCS0)_4TX	82.06M	77.261M	77M3D1D	80.74M	77.061M
802.11be EHT160_Nss1,(MCS0)_4TX	165M	156.322M	156MD1D	162.36M	155.722M
802.11be EHT320_Nss1,(MCS0)_4TX	368.72M	316.242M	316MD1D	323.84M	315.042M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	21.67M	19.09M	19M1D1D	20.68M	18.991M
802.11be EHT40_Nss1,(MCS0)_4TX	40.7M	37.831M	37M8D1D	39.49M	37.631M
802.11be EHT80_Nss1,(MCS0)_4TX	81.4M	77.261M	77M3D1D	80.3M	77.061M
802.11be EHT160_Nss1,(MCS0)_4TX	163.68M	156.322M	156MD1D	162.36M	156.122M
802.11be EHT320_Nss1,(MCS0)_4TX	326.48M	315.842M	316MD1D	325.6M	314.643M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	21.945M	19.09M	19M1D1D	21.065M	18.991M
802.11be EHT40_Nss1,(MCS0)_4TX	40.92M	37.781M	37M8D1D	39.49M	37.681M
802.11be EHT80_Nss1,(MCS0)_4TX	82.28M	77.361M	77M4D1D	80.3M	76.962M
802.11be EHT160_Nss1,(MCS0)_4TX	164.56M	156.722M	157MD1D	163.24M	155.922M
802.11be EHT320_Nss1,(MCS0)_4TX	326.48M	315.842M	316MD1D	324.72M	315.042M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	21.725M	19.09M	19M1D1D	21.01M	18.991M
802.11be EHT40_Nss1,(MCS0)_4TX	41.03M	37.781M	37M8D1D	39.82M	37.631M
802.11be EHT80_Nss1,(MCS0)_4TX	82.5M	77.361M	77M4D1D	80.96M	77.061M
802.11be EHT160_Nss1,(MCS0)_4TX	164.56M	156.322M	156MD1D	162.36M	155.922M

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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	21.34M	19.015M	21.12M	19.04M	21.34M	19.015M	21.285M	19.04M
6195MHz	Pass	Inf	21.56M	19.015M	20.9M	18.991M	21.175M	19.04M	20.955M	19.04M
6415MHz	Pass	Inf	21.285M	19.015M	21.34M	19.09M	21.175M	19.115M	21.12M	19.015M
6435MHz	Pass	Inf	21.505M	19.04M	21.23M	19.09M	21.23M	19.015M	21.56M	19.065M
6475MHz	Pass	Inf	21.23M	18.991M	21.395M	18.991M	21.505M	19.065M	21.67M	19.04M
6515MHz	Pass	Inf	21.285M	19.04M	20.68M	19.09M	21.12M	19.04M	21.065M	19.065M
6535MHz	Pass	Inf	21.45M	19.015M	21.285M	19.015M	21.505M	19.015M	21.285M	19.09M
6695MHz	Pass	Inf	21.45M	19.015M	21.34M	19.04M	21.67M	18.991M	21.175M	19.015M
6875MHz	Pass	Inf	21.395M	19.04M	21.175M	18.991M	21.065M	19.04M	21.945M	19.04M
6895MHz	Pass	Inf	21.34M	19.09M	21.12M	19.09M	21.12M	19.015M	21.065M	18.991M
6995MHz	Pass	Inf	21.12M	19.015M	21.725M	19.065M	21.065M	19.065M	21.12M	19.015M
7095MHz	Pass	Inf	21.34M	19.065M	21.01M	18.991M	21.065M	19.015M	21.175M	19.04M
7115MHz	Pass	Inf	21.615M	19.065M	21.34M	19.04M	21.45M	19.065M	21.23M	19.065M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	40.59M	37.681M	40.04M	37.681M	39.6M	37.831M	40.04M	37.681M
6205MHz	Pass	Inf	40.37M	37.731M	40.04M	37.731M	39.71M	37.681M	39.38M	37.681M
6405MHz	Pass	Inf	40.26M	37.781M	40.15M	37.631M	40.37M	37.731M	40.37M	37.731M
6445MHz	Pass	Inf	40.15M	37.781M	40.04M	37.781M	40.48M	37.681M	40.26M	37.681M
6485MHz	Pass	Inf	40.7M	37.731M	40.04M	37.781M	40.37M	37.781M	39.93M	37.831M
6525MHz	Pass	Inf	39.49M	37.781M	40.15M	37.781M	39.6M	37.731M	40.26M	37.631M
6565MHz	Pass	Inf	40.59M	37.681M	40.7M	37.781M	39.49M	37.681M	39.93M	37.781M
6685MHz	Pass	Inf	40.92M	37.681M	40.04M	37.731M	39.71M	37.681M	39.82M	37.781M
6885MHz	Pass	Inf	40.15M	37.731M	40.04M	37.731M	40.15M	37.781M	40.15M	37.681M
6925MHz	Pass	Inf	40.81M	37.681M	40.04M	37.681M	40.48M	37.731M	40.81M	37.781M
7005MHz	Pass	Inf	40.81M	37.731M	40.37M	37.781M	40.37M	37.681M	40.37M	37.631M
7085MHz	Pass	Inf	41.03M	37.731M	40.04M	37.681M	39.82M	37.681M	39.82M	37.731M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	80.74M	77.261M	80.96M	77.161M	81.18M	77.161M	81.4M	77.061M
6225MHz	Pass	Inf	80.74M	77.161M	81.18M	77.161M	80.96M	77.161M	81.62M	77.261M
6385MHz	Pass	Inf	80.74M	77.261M	82.06M	77.161M	80.96M	77.161M	81.4M	77.161M
6465MHz	Pass	Inf	81.18M	77.261M	80.96M	77.061M	80.96M	77.161M	80.52M	77.161M
6545MHz	Pass	Inf	81.4M	77.261M	80.3M	77.061M	80.96M	77.161M	80.96M	77.261M
6625MHz	Pass	Inf	81.4M	77.261M	80.3M	77.161M	80.3M	77.161M	81.84M	77.261M
6705MHz	Pass	Inf	82.28M	77.161M	80.96M	77.061M	80.96M	77.161M	81.4M	77.261M
6785MHz	Pass	Inf	81.4M	77.361M	81.18M	76.962M	81.4M	77.161M	82.28M	77.161M
6865MHz	Pass	Inf	81.84M	77.361M	81.18M	77.161M	81.18M	77.161M	81.18M	77.261M
6945MHz	Pass	Inf	82.5M	77.161M	80.96M	77.261M	81.4M	77.361M	81.84M	77.161M
7025MHz	Pass	Inf	81.84M	77.261M	81.18M	77.061M	82.06M	77.161M	81.4M	77.161M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	163.24M	156.122M	162.8M	155.922M	162.8M	155.922M	162.8M	155.722M
6185MHz	Pass	Inf	162.36M	155.922M	165M	156.322M	163.68M	156.322M	162.8M	156.122M
6345MHz	Pass	Inf	164.56M	156.322M	162.36M	155.922M	162.36M	155.922M	162.8M	156.122M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
6505MHz	Pass	Inf	162.36M	156.322M	162.8M	156.322M	163.24M	156.122M	163.68M	156.122M
6665MHz	Pass	Inf	164.56M	155.922M	163.68M	156.122M	163.24M	156.122M	163.24M	156.122M
6825MHz	Pass	Inf	163.68M	156.722M	163.68M	156.322M	163.68M	156.522M	163.68M	156.122M
6985MHz	Pass	Inf	162.36M	156.122M	164.56M	156.322M	163.24M	155.922M	163.24M	156.322M
802.11be EHT320_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	Inf	325.6M	315.442M	323.84M	315.442M	325.6M	315.842M	368.72M	315.442M
6265MHz	Pass	Inf	325.6M	315.442M	325.6M	315.042M	324.72M	315.442M	324.72M	315.442M
6425MHz	Pass	Inf	327.36M	316.242M	325.6M	315.842M	325.6M	315.842M	326.48M	315.842M
6585MHz	Pass	Inf	325.6M	314.643M	326.48M	315.842M	325.6M	315.842M	326.48M	315.442M
6745MHz	Pass	Inf	324.72M	315.842M	325.6M	315.842M	325.6M	315.442M	325.6M	315.042M
6905MHz	Pass	Inf	326.48M	315.042M	326.48M	315.442M	325.6M	315.042M	325.6M	315.042M

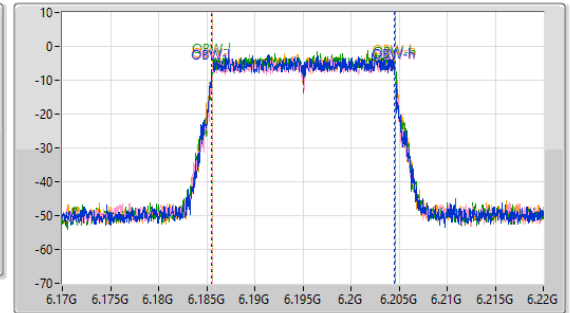
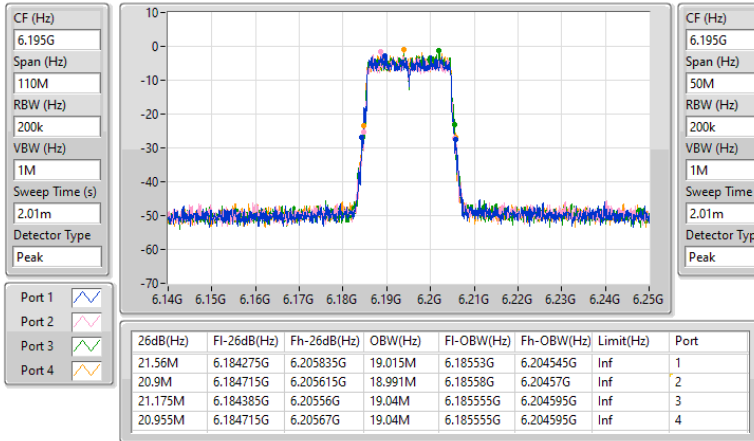
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

6195MHz

22/05/2025

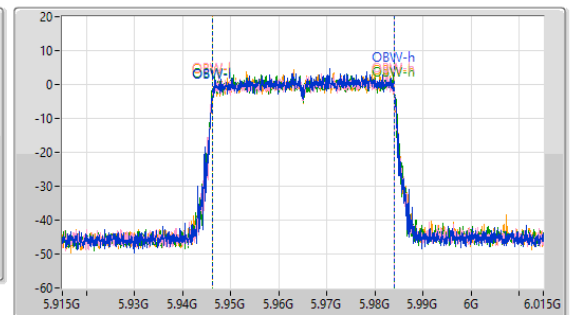
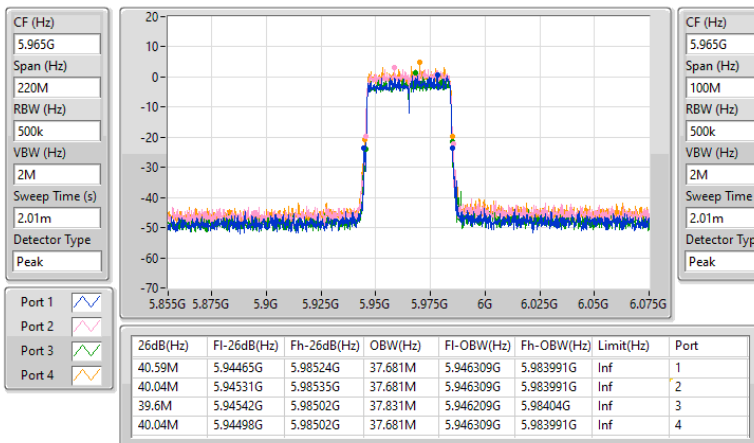


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5965MHz

18/05/2024

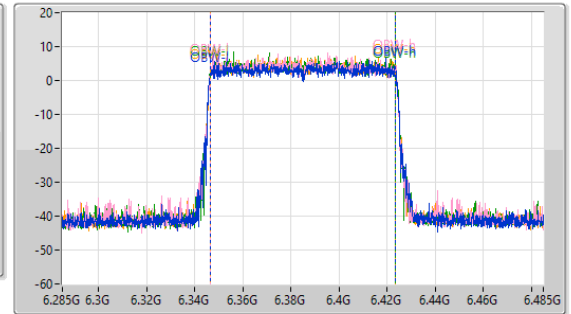
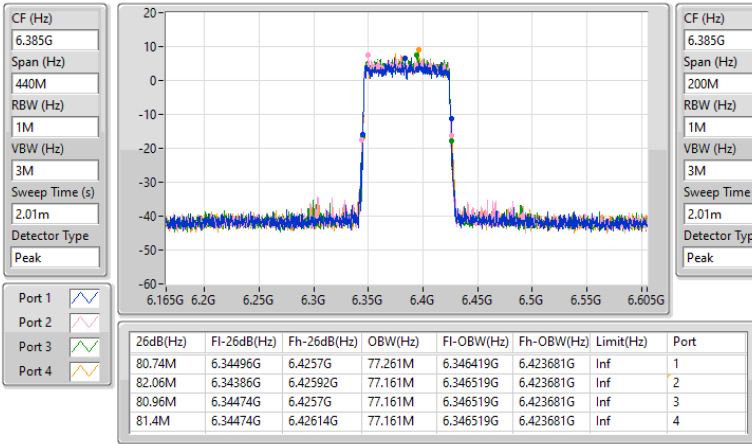


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6385MHz

21/05/2025

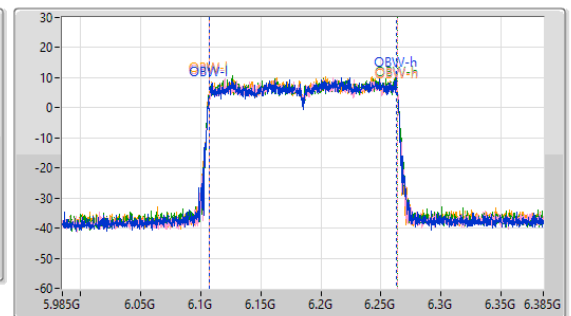
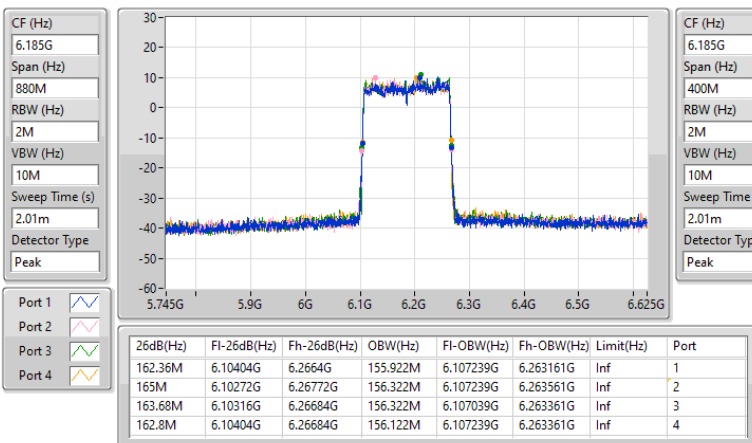


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6185MHz

18/05/2024

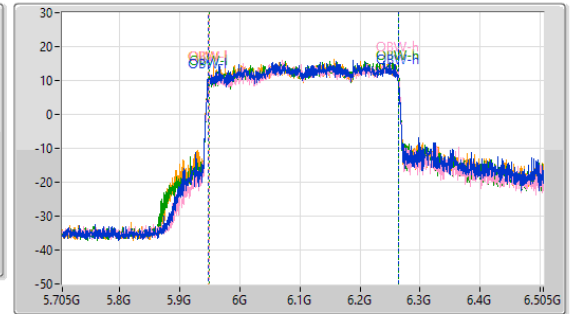
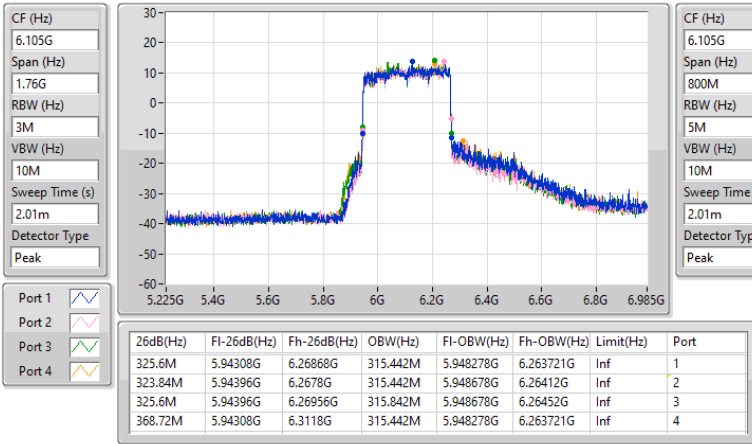


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_4TX

EBW

6105MHz

21/05/2025

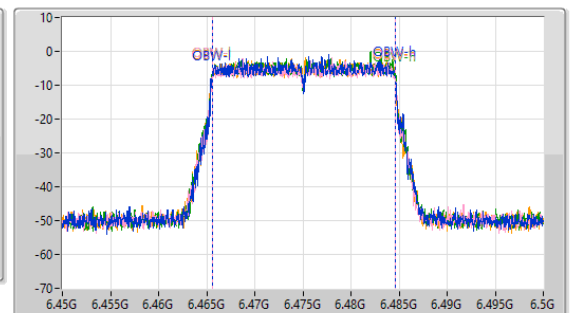
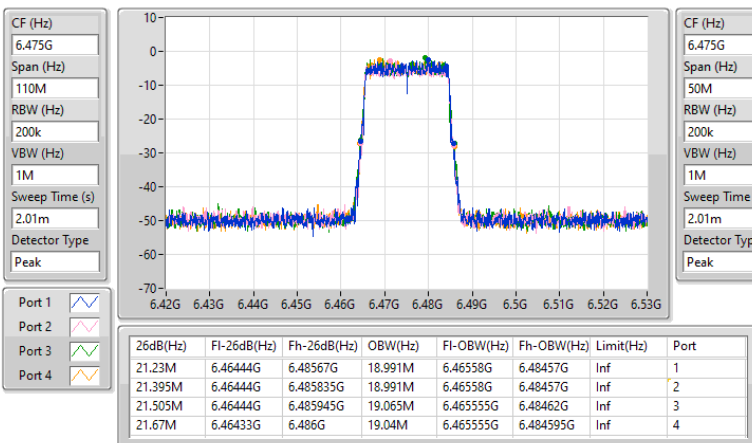


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6475MHz

22/05/2025

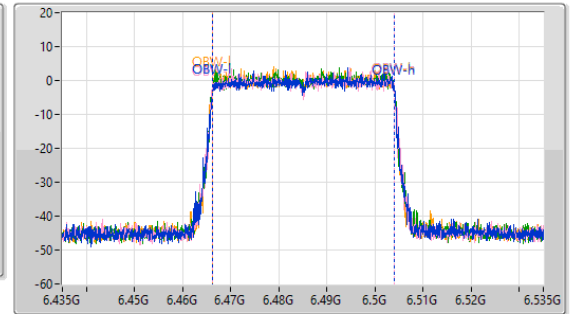
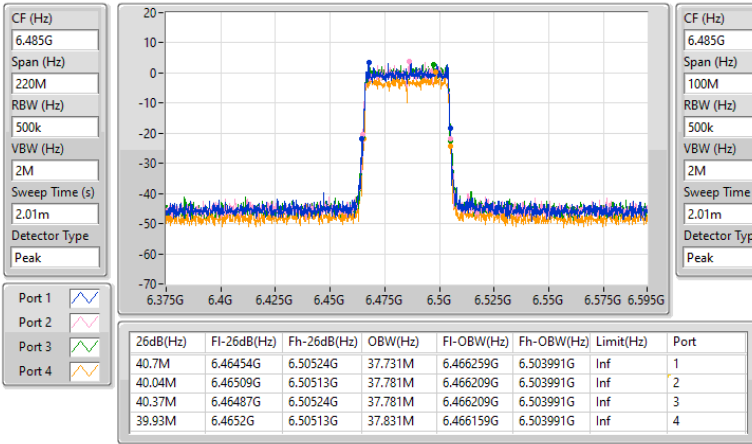


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6485MHz

21/05/2025

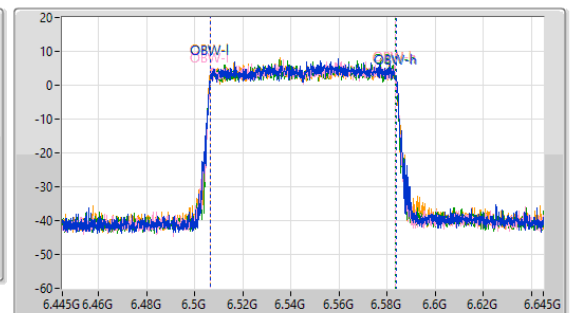
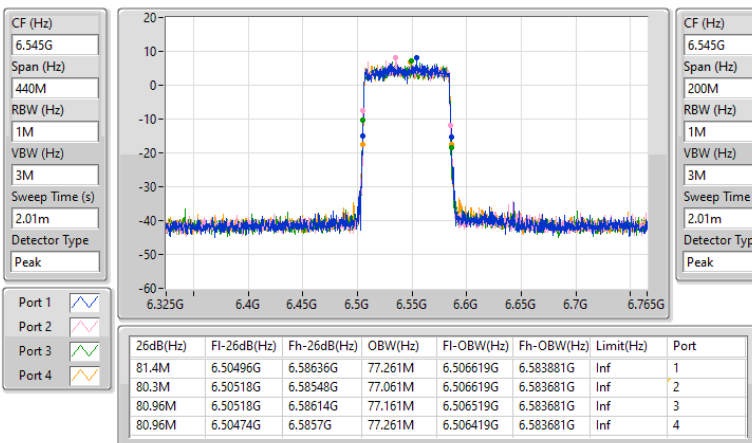


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6545MHz

18/05/2024

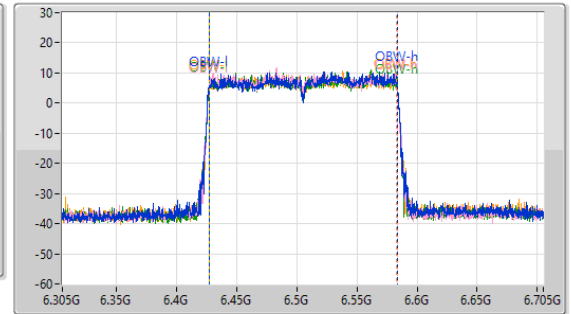
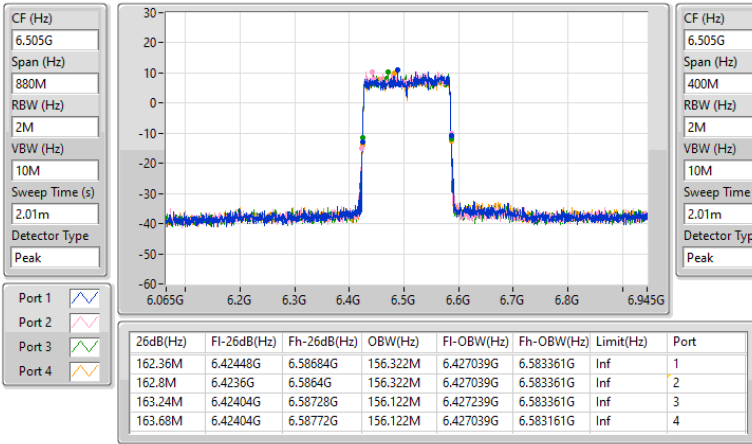


6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6505MHz

18/05/2024

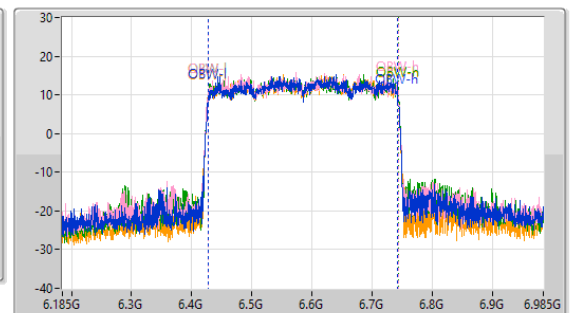
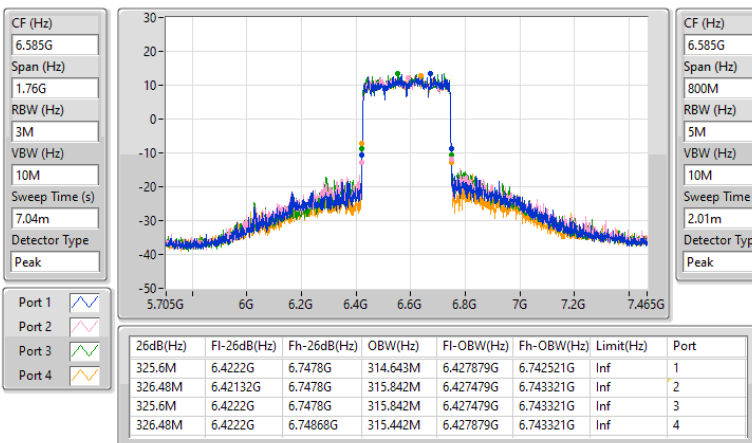


6.425-6.525GHz_802.11be EHT320_Nss1,(MCS0)_4TX

EBW

6585MHz

18/05/2024

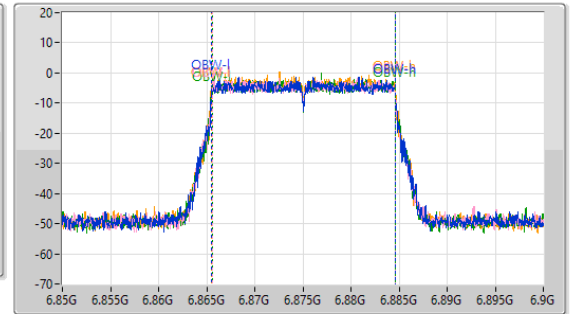
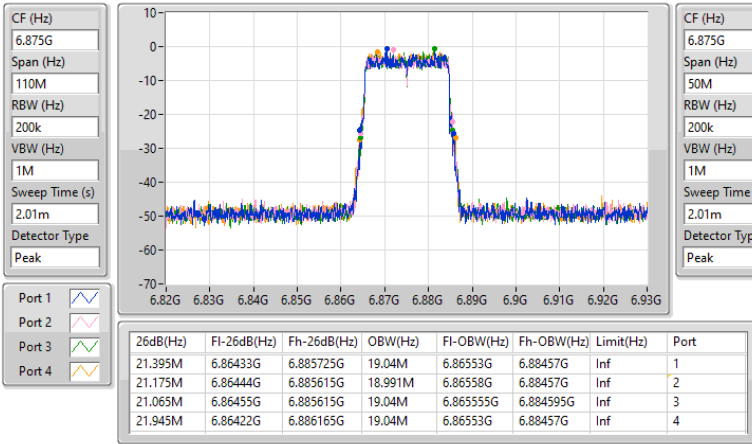


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6875MHz

22/05/2025

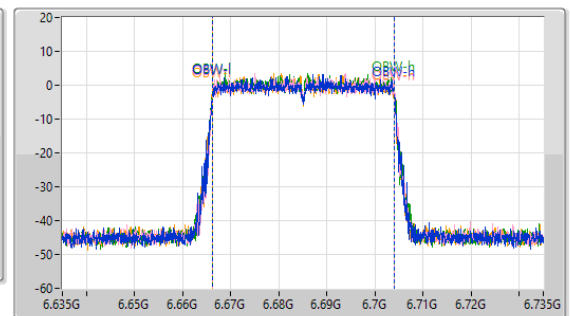
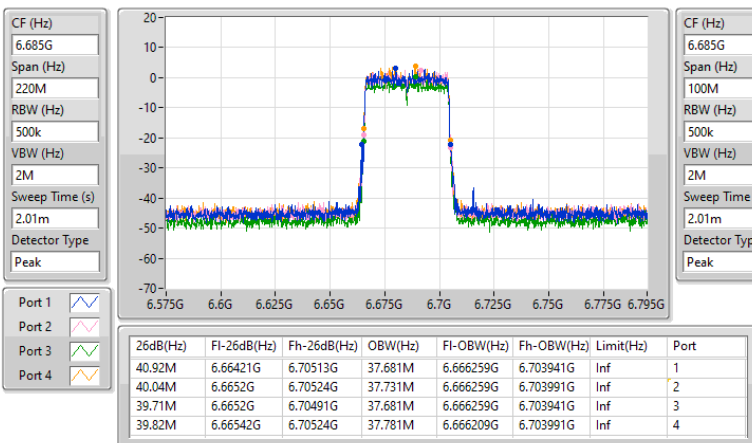


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6685MHz

18/05/2024

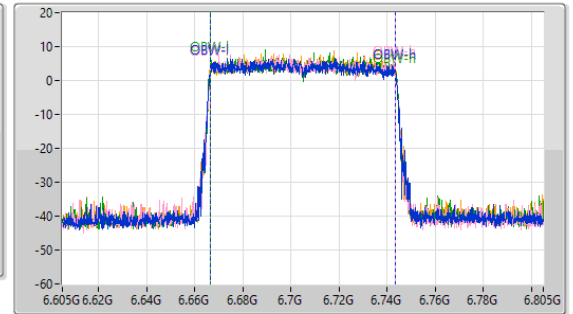
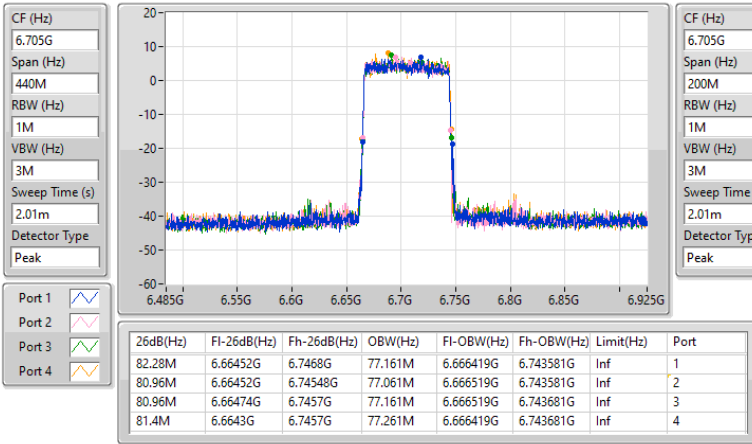


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6705MHz

21/05/2025

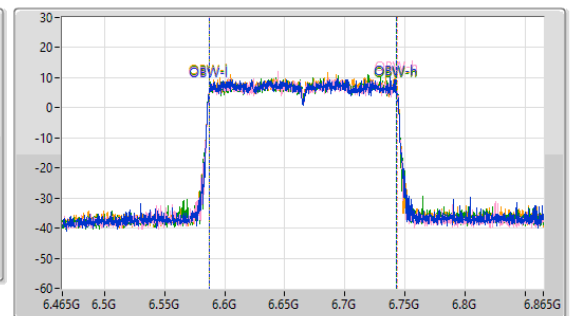
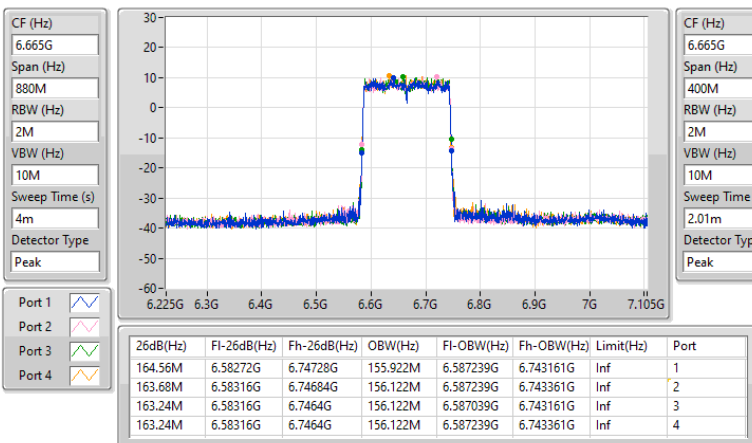


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6665MHz

21/05/2025

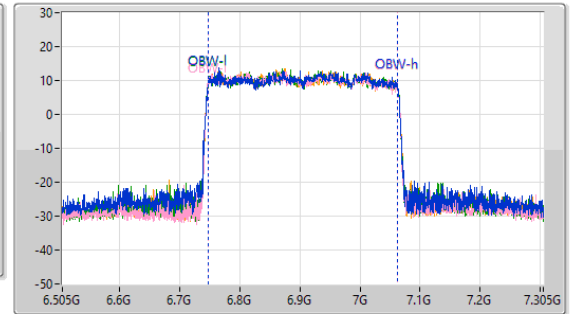
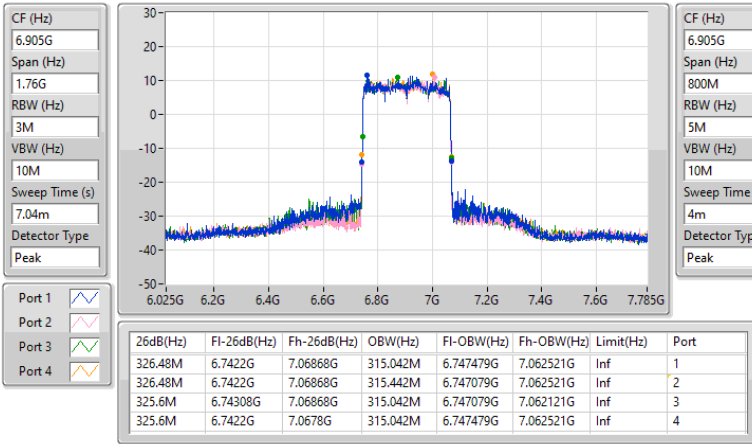


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_4TX

EBW

6905MHz

18/05/2024

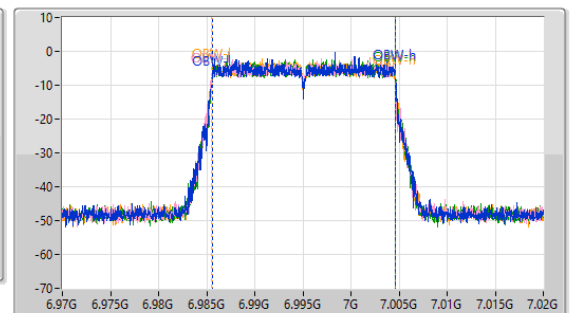
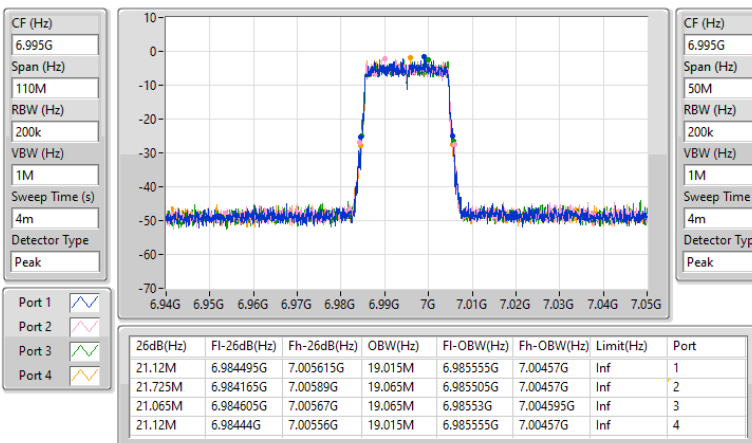


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6995MHz

22/05/2025

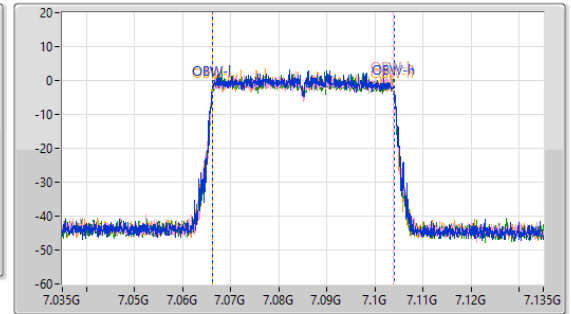
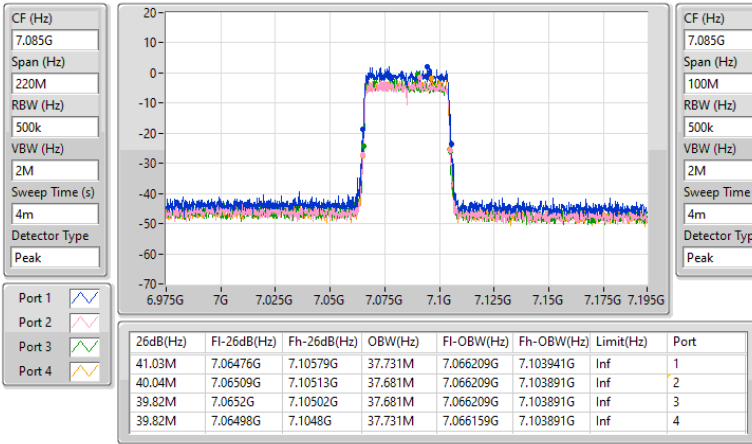


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

7085MHz

21/05/2025

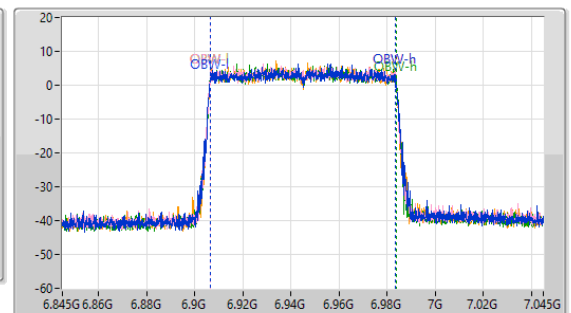
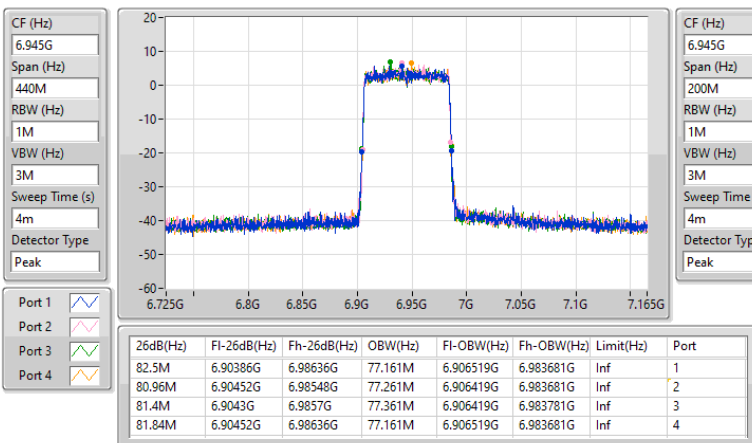


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6945MHz

21/05/2025

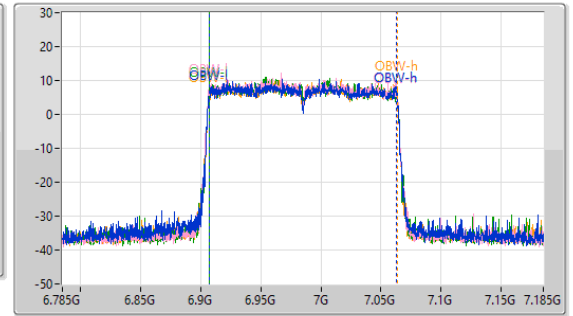
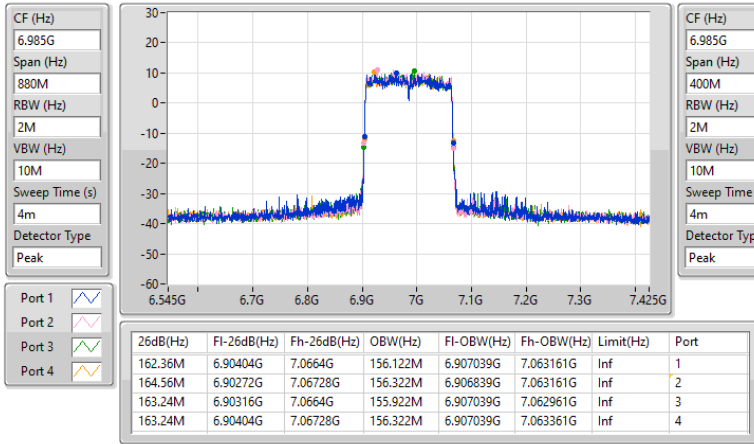


6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6985MHz

18/05/2024



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.505M	19.065M	19M1D1D	20.68M	18.966M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	40.04M	37.781M	37M8D1D	39.38M	37.631M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	82.06M	77.461M	77M5D1D	80.3M	77.061M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	164.12M	156.722M	157MD1D	161.04M	155.722M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	328.24M	318.241M	318MD1D	324.72M	313.843M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.56M	19.09M	19M1D1D	20.79M	18.966M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	40.37M	37.781M	37M8D1D	39.49M	37.581M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	81.18M	77.361M	77M4D1D	79.86M	76.862M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	164.12M	156.522M	157MD1D	162.36M	156.322M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	326.48M	315.842M	316MD1D	325.6M	313.443M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.615M	19.04M	19M0D1D	20.79M	18.941M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	40.48M	37.881M	37M9D1D	39.38M	37.631M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	82.06M	77.461M	77M5D1D	80.08M	76.762M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	163.68M	156.922M	157MD1D	161.92M	155.122M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	326.48M	315.842M	316MD1D	325.6M	313.443M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.505M	19.065M	19M1D1D	21.01M	18.941M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	40.7M	37.781M	37M8D1D	39.82M	37.631M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	82.28M	77.461M	77M5D1D	80.08M	76.962M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	163.24M	156.322M	156MD1D	161.92M	154.923M

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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	21.285M	18.991M	20.9M	19.015M	20.955M	19.065M	21.23M	18.966M
6195MHz	Pass	Inf	21.01M	18.991M	20.955M	19.015M	21.01M	19.015M	21.505M	19.065M
6415MHz	Pass	Inf	21.45M	19.015M	20.845M	18.991M	20.68M	19.065M	21.45M	18.991M
6435MHz	Pass	Inf	21.12M	18.991M	21.56M	19.015M	21.12M	19.04M	21.175M	19.015M
6475MHz	Pass	Inf	21.34M	19.09M	21.12M	19.04M	20.845M	18.966M	20.845M	18.991M
6515MHz	Pass	Inf	20.79M	18.991M	21.285M	18.991M	21.12M	19.04M	21.175M	18.991M
6535MHz	Pass	Inf	21.23M	18.991M	21.23M	18.991M	21.395M	19.015M	21.175M	19.015M
6695MHz	Pass	Inf	21.12M	18.991M	21.615M	19.015M	20.845M	19.04M	21.23M	18.966M
6875MHz	Pass	Inf	21.175M	19.015M	21.34M	18.991M	21.34M	18.991M	20.79M	18.941M
6895MHz	Pass	Inf	21.175M	19.04M	21.34M	18.941M	21.45M	19.015M	21.23M	19.015M
6995MHz	Pass	Inf	21.285M	19.015M	21.12M	18.991M	21.12M	19.015M	21.505M	19.065M
7095MHz	Pass	Inf	21.395M	19.015M	21.505M	19.015M	21.065M	19.015M	21.175M	18.991M
7115MHz	Pass	Inf	21.23M	19.04M	21.285M	18.991M	21.01M	18.941M	21.175M	19.015M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	39.71M	37.681M	39.38M	37.781M	39.82M	37.681M	39.71M	37.731M
6205MHz	Pass	Inf	39.82M	37.681M	39.71M	37.681M	39.93M	37.731M	39.93M	37.681M
6405MHz	Pass	Inf	39.71M	37.731M	40.04M	37.631M	39.6M	37.731M	39.82M	37.731M
6445MHz	Pass	Inf	40.04M	37.681M	40.04M	37.781M	39.49M	37.631M	39.49M	37.681M
6485MHz	Pass	Inf	39.49M	37.681M	39.6M	37.731M	39.71M	37.681M	39.49M	37.681M
6525MHz	Pass	Inf	40.15M	37.581M	40.04M	37.731M	40.26M	37.681M	40.37M	37.631M
6565MHz	Pass	Inf	40.26M	37.781M	40.15M	37.631M	40.04M	37.681M	40.26M	37.731M
6685MHz	Pass	Inf	40.04M	37.681M	40.26M	37.681M	40.48M	37.781M	40.26M	37.731M
6885MHz	Pass	Inf	39.93M	37.681M	39.71M	37.681M	39.82M	37.881M	39.38M	37.681M
6925MHz	Pass	Inf	40.15M	37.731M	40.15M	37.681M	40.37M	37.731M	40.26M	37.781M
7005MHz	Pass	Inf	40.37M	37.781M	40.04M	37.781M	40.48M	37.631M	40.7M	37.681M
7085MHz	Pass	Inf	40.15M	37.681M	40.04M	37.631M	39.82M	37.681M	40.26M	37.681M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	80.96M	77.061M	81.18M	77.161M	82.06M	77.361M	81.4M	77.461M
6225MHz	Pass	Inf	80.3M	77.161M	81.4M	77.161M	81.18M	77.261M	80.96M	77.161M
6385MHz	Pass	Inf	81.4M	77.261M	81.18M	77.061M	80.3M	77.161M	82.06M	77.361M
6465MHz	Pass	Inf	80.52M	77.061M	80.74M	76.962M	80.96M	76.862M	80.52M	77.361M
6545MHz	Pass	Inf	79.86M	77.061M	80.74M	77.161M	81.18M	76.862M	80.74M	76.962M
6625MHz	Pass	Inf	81.18M	77.161M	81.18M	77.161M	80.74M	77.261M	81.4M	77.461M
6705MHz	Pass	Inf	80.52M	77.161M	80.08M	76.962M	81.18M	76.762M	80.52M	77.061M
6785MHz	Pass	Inf	81.18M	76.862M	81.18M	77.061M	81.18M	77.161M	81.62M	77.361M
6865MHz	Pass	Inf	82.06M	77.061M	80.96M	76.962M	81.62M	77.161M	82.06M	77.161M
6945MHz	Pass	Inf	81.18M	77.061M	80.08M	76.962M	81.4M	77.161M	81.18M	77.061M
7025MHz	Pass	Inf	82.28M	77.061M	81.4M	77.461M	81.4M	77.161M	80.3M	77.161M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	163.68M	156.122M	161.04M	156.122M	161.92M	156.122M	163.68M	155.722M
6185MHz	Pass	Inf	161.92M	155.722M	162.8M	156.322M	163.68M	156.722M	164.12M	156.522M
6345MHz	Pass	Inf	163.68M	156.322M	161.48M	155.922M	162.36M	156.722M	162.8M	156.522M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
6505MHz	Pass	Inf	162.36M	156.322M	162.8M	156.322M	164.12M	156.322M	162.8M	156.522M
6665MHz	Pass	Inf	161.92M	156.522M	162.36M	155.722M	161.92M	156.522M	161.92M	155.922M
6825MHz	Pass	Inf	163.24M	155.722M	162.8M	156.922M	163.68M	156.322M	163.24M	155.122M
6985MHz	Pass	Inf	163.24M	155.322M	163.24M	156.322M	162.36M	155.922M	161.92M	154.923M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	320M	325.6M	317.441M	324.72M	314.643M	324.72M	318.241M	325.6M	314.243M
6265MHz	Pass	320M	324.72M	313.843M	324.72M	314.243M	325.6M	315.842M	325.6M	315.842M
6425MHz	Pass	320M	325.6M	315.042M	327.36M	315.842M	328.24M	316.242M	324.72M	314.643M
6585MHz	Pass	Inf	326.48M	313.443M	325.6M	315.842M	326.48M	315.442M	325.6M	314.243M
6745MHz	Pass	Inf	326.48M	314.643M	325.6M	315.842M	325.6M	315.042M	326.48M	315.842M
6905MHz	Pass	Inf	325.6M	315.442M	325.6M	315.842M	326.48M	315.442M	325.6M	313.443M

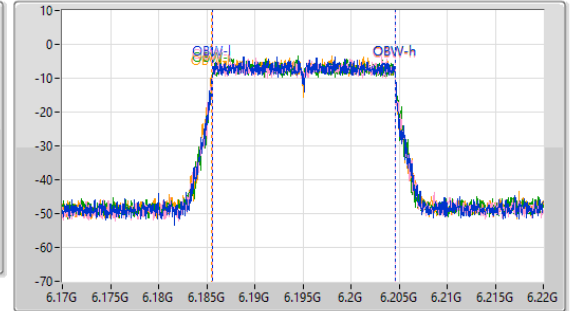
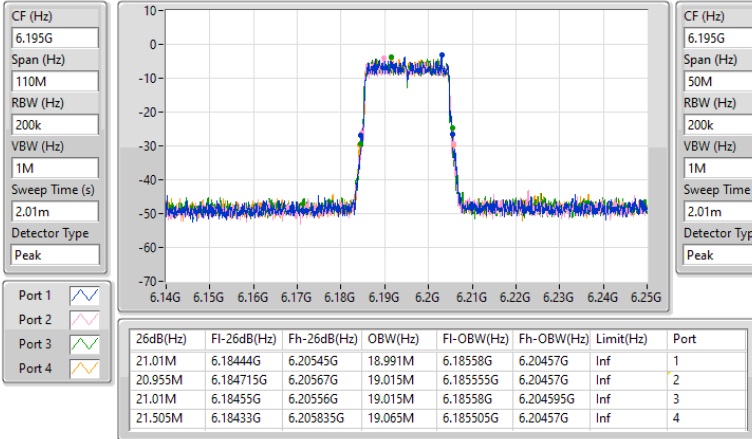
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

6195MHz

03/06/2024

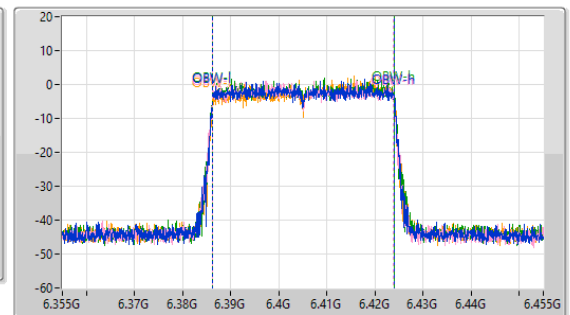
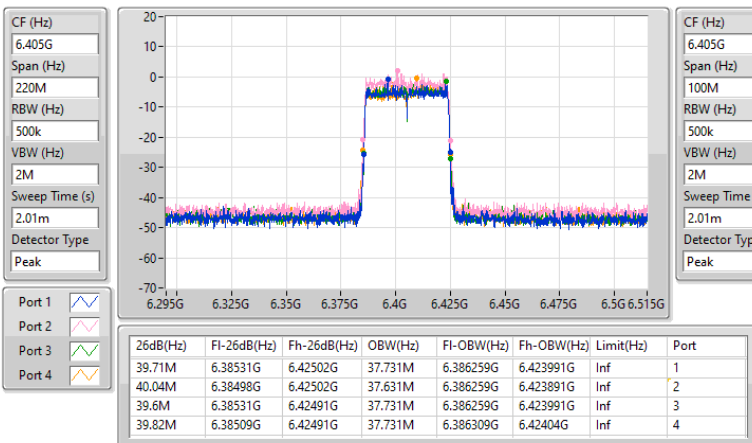


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6405MHz

03/06/2024

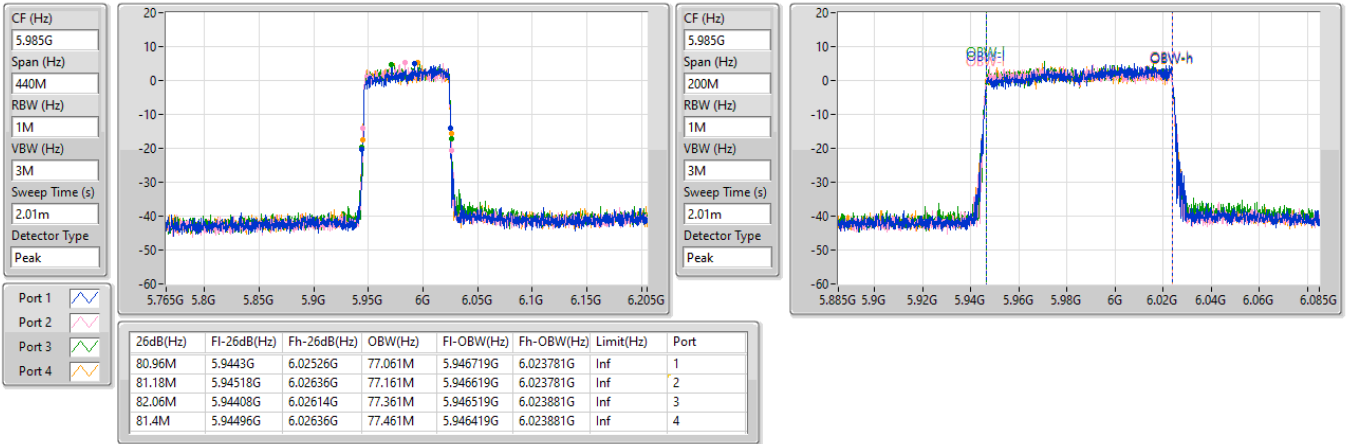


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

5985MHz

03/06/2024

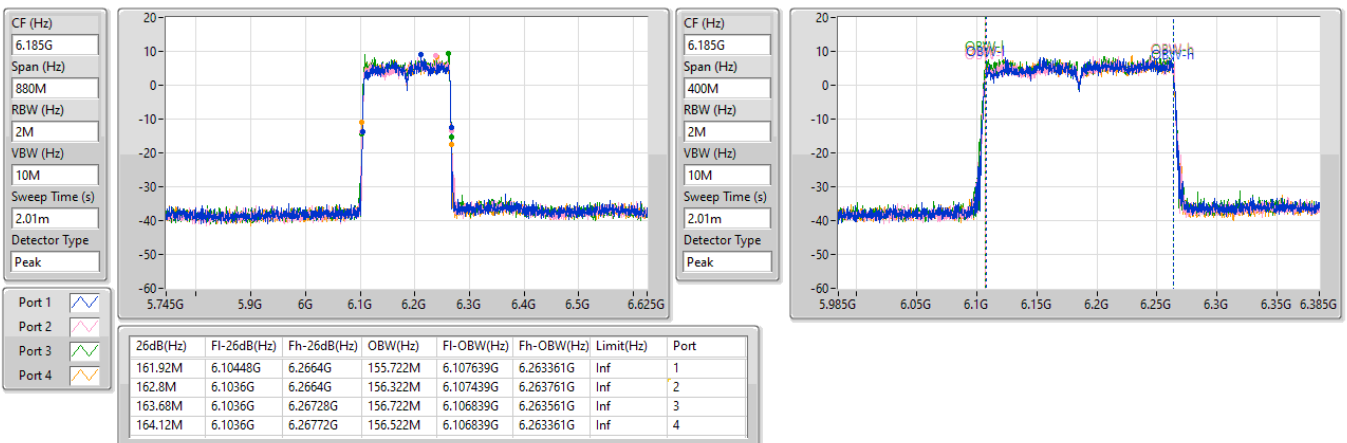


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6185MHz

18/06/2025

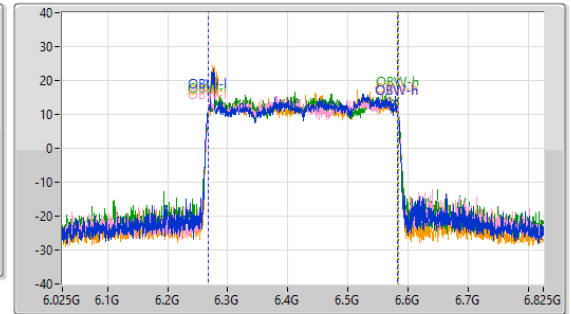
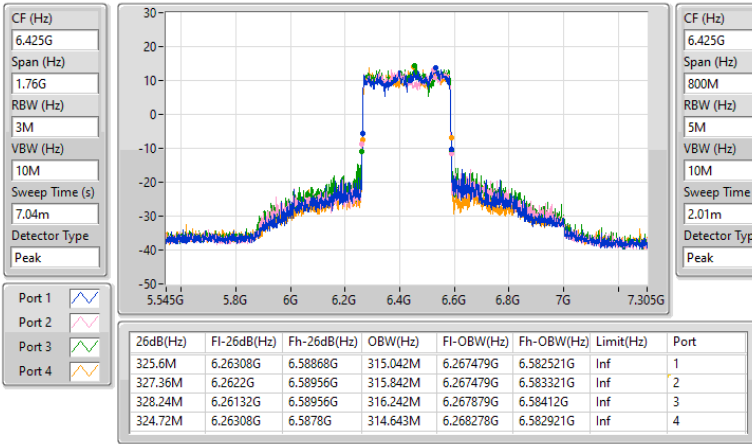


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6425MHz

03/06/2024

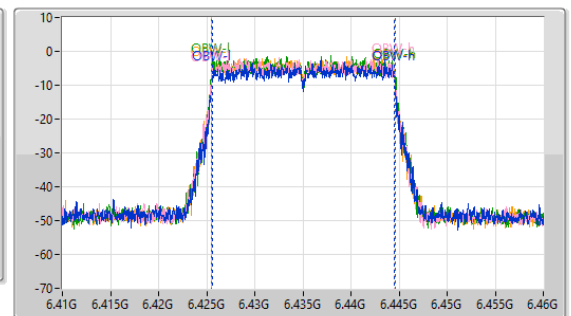
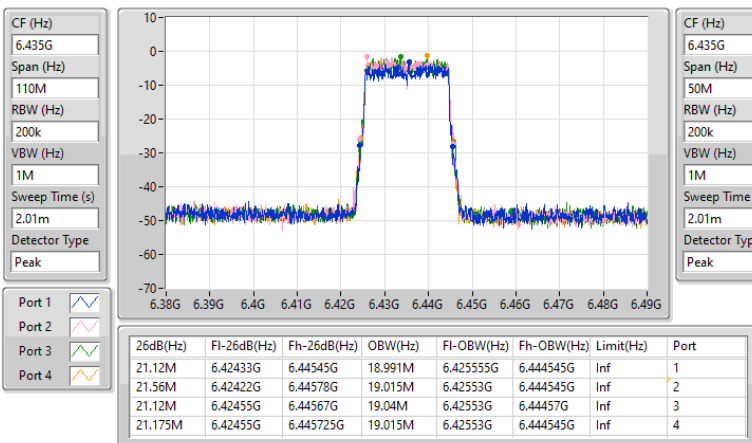


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6435MHz

18/06/2025

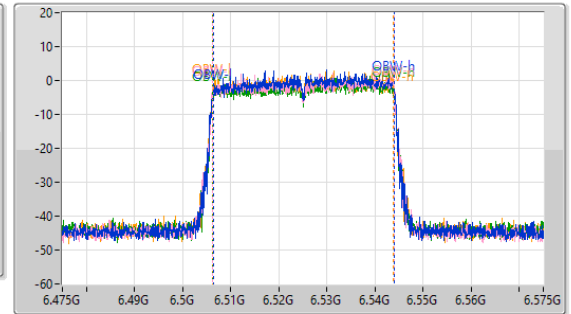


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6525MHz

03/06/2024

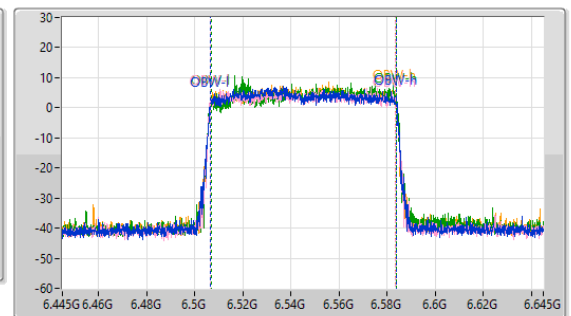
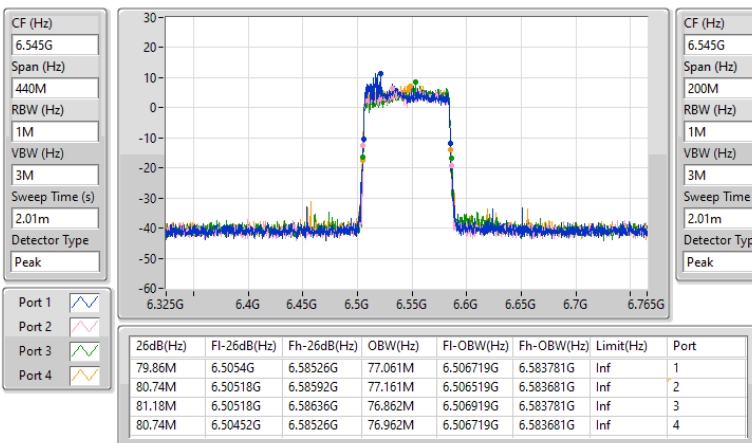


6.425-6.525GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6545MHz

03/06/2024

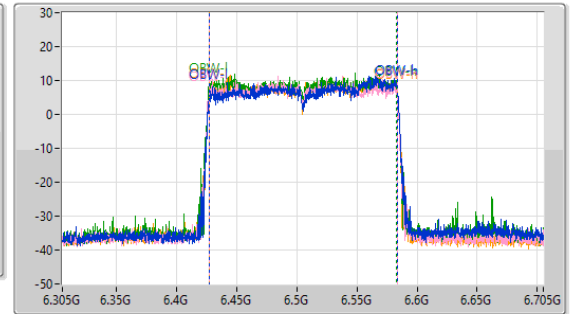
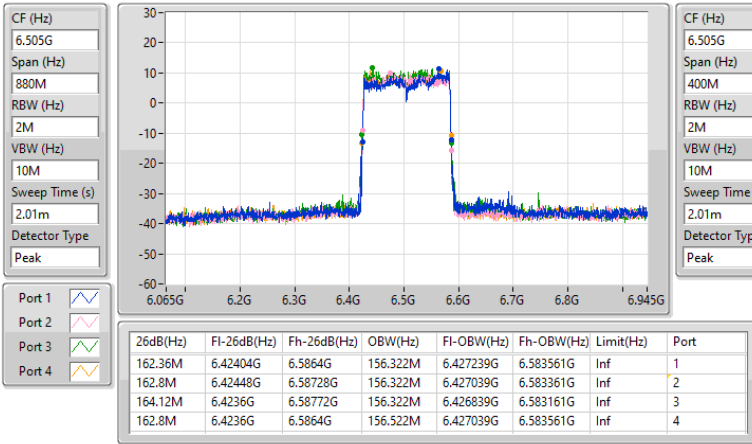


6.425-6.525GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6505MHz

18/06/2025

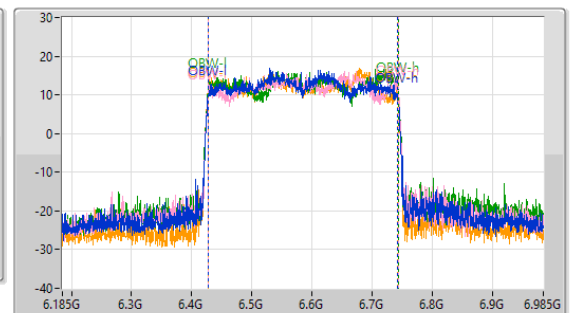
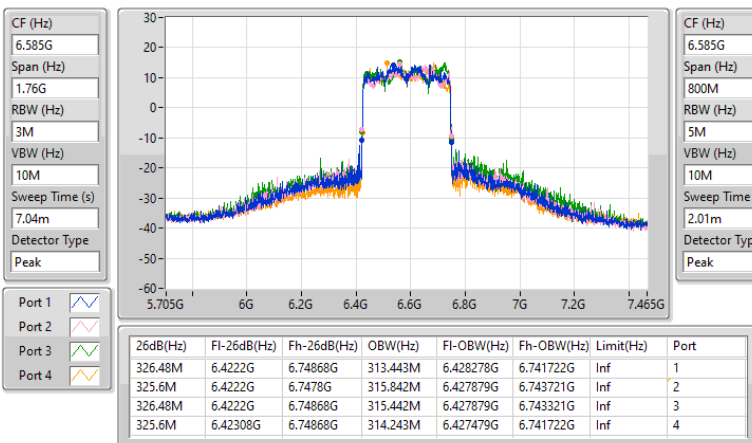


6.425-6.525GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6585MHz

03/06/2024

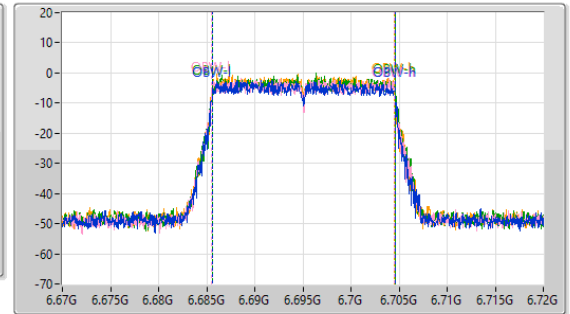
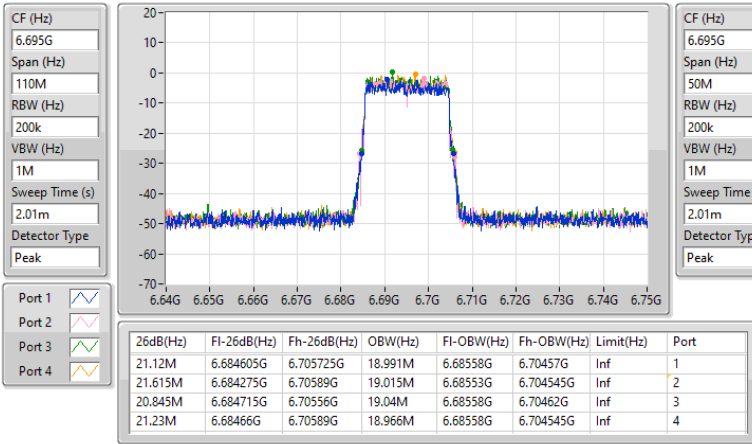


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6695MHz

03/06/2024

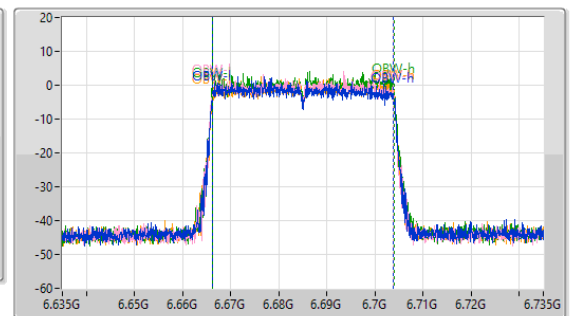
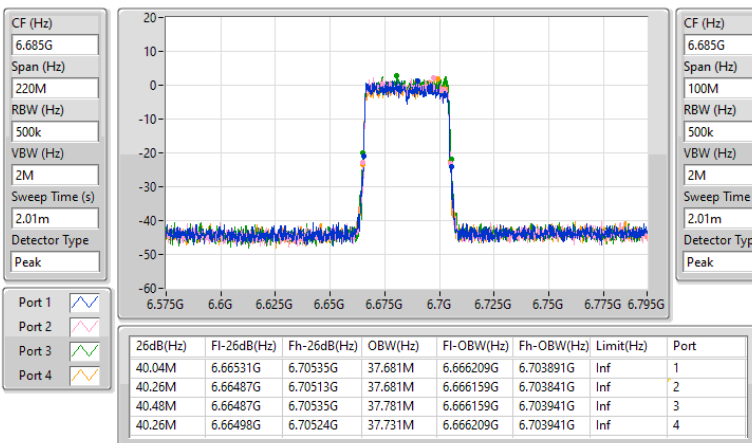


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6685MHz

18/06/2025

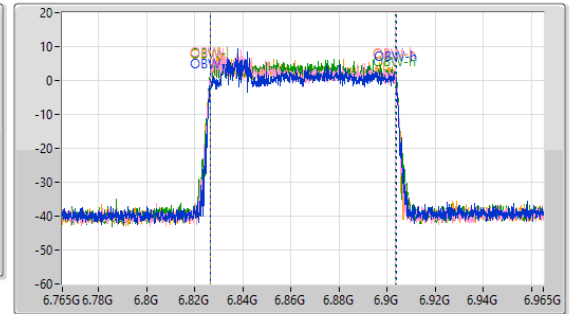
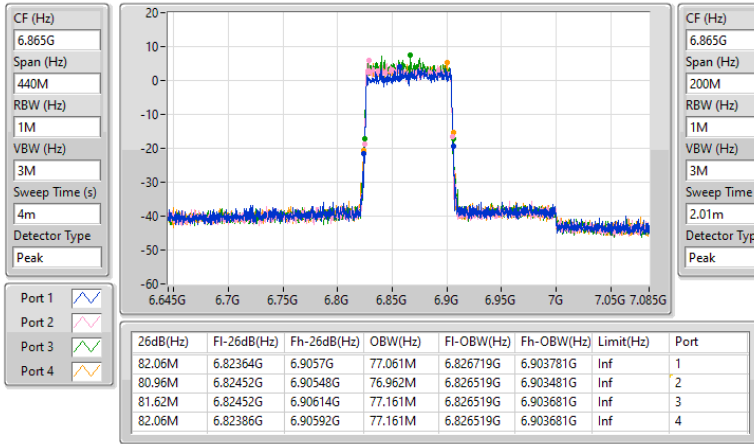


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6865MHz

18/06/2025

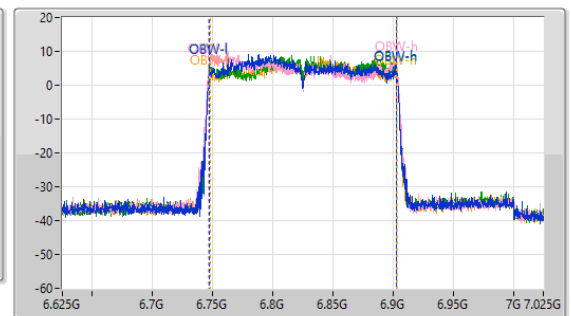
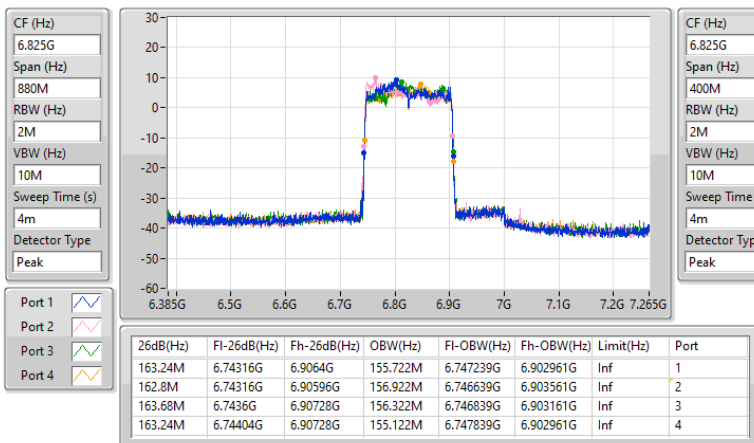


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6825MHz

03/06/2024

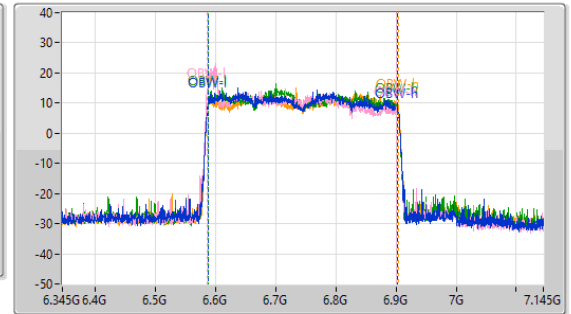
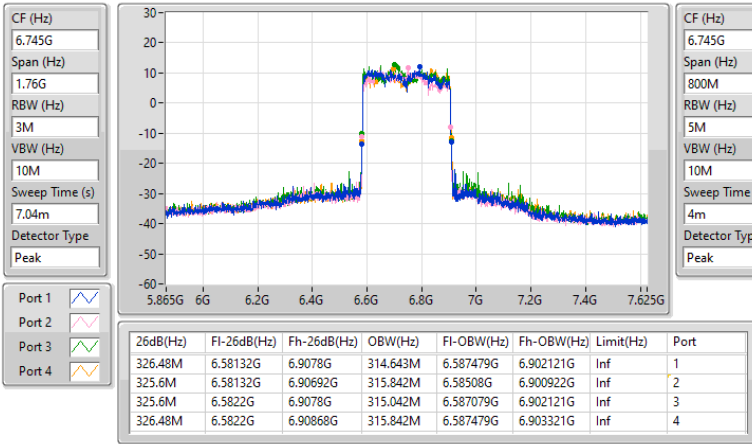


6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6745MHz

03/06/2024

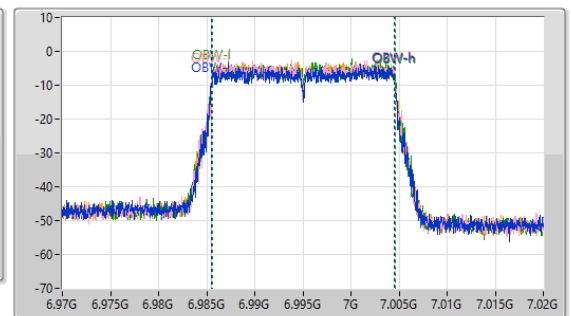
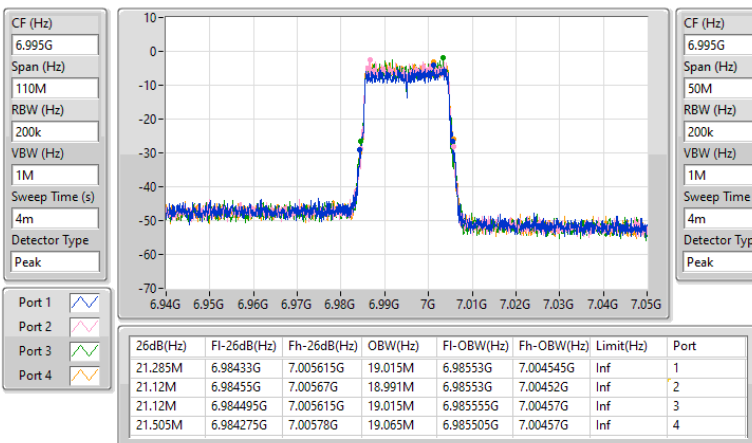


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6995MHz

18/06/2025

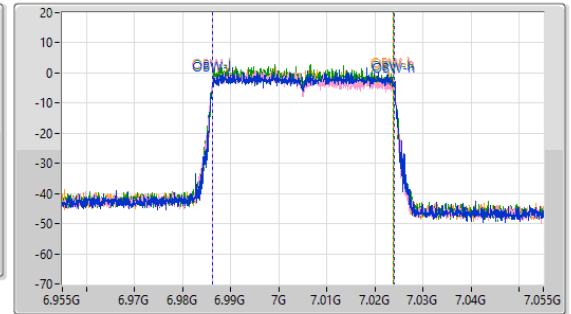
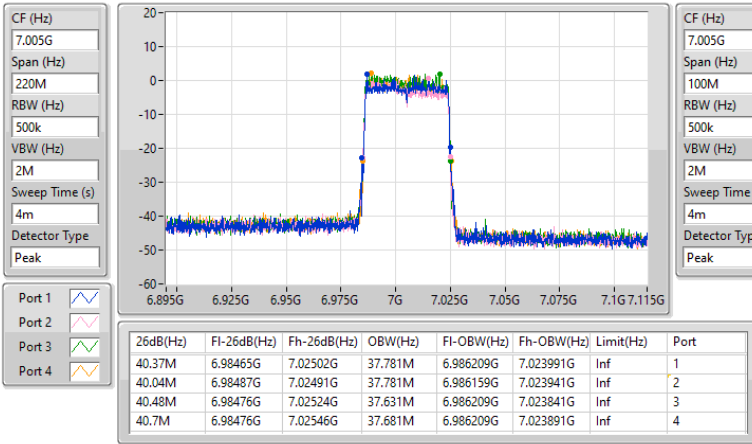


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

7005MHz

03/06/2024

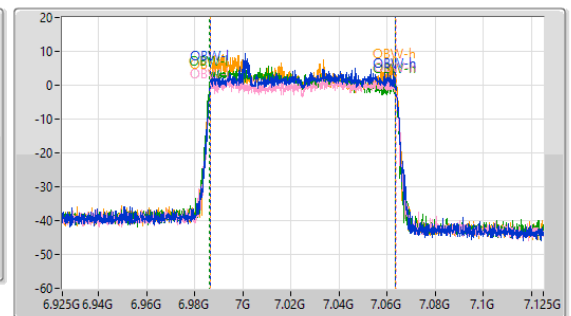
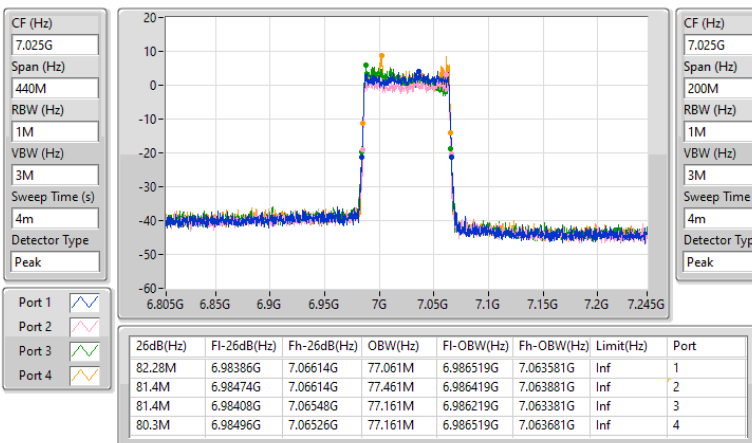


6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

7025MHz

03/06/2024

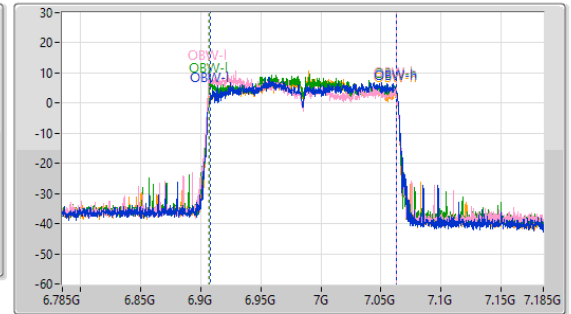
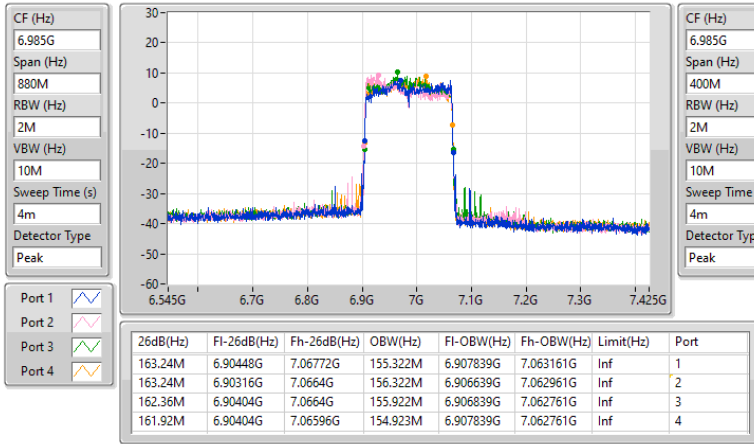


6.875-7.125GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6985MHz

03/06/2024



Summary

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	15.84	0.03837
802.11be EHT40_Nss1,(MCS0)_4TX	18.88	0.07727
802.11be EHT80_Nss1,(MCS0)_4TX	21.78	0.15066
802.11be EHT160_Nss1,(MCS0)_4TX	24.65	0.29174
802.11be EHT320_Nss1,(MCS0)_4TX	28.07	0.64121
6.425-6.525GHz	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	15.82	0.03819
802.11be EHT40_Nss1,(MCS0)_4TX	18.89	0.07745
802.11be EHT80_Nss1,(MCS0)_4TX	22.18	0.16520
802.11be EHT160_Nss1,(MCS0)_4TX	24.51	0.28249
802.11be EHT320_Nss1,(MCS0)_4TX	27.34	0.54200
6.525-6.875GHz	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	15.87	0.03864
802.11be EHT40_Nss1,(MCS0)_4TX	19.34	0.08590
802.11be EHT80_Nss1,(MCS0)_4TX	21.75	0.14962
802.11be EHT160_Nss1,(MCS0)_4TX	24.35	0.27227
802.11be EHT320_Nss1,(MCS0)_4TX	27.24	0.52966
6.875-7.125GHz	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	15.62	0.03648
802.11be EHT40_Nss1,(MCS0)_4TX	18.85	0.07674
802.11be EHT80_Nss1,(MCS0)_4TX	21.27	0.13397
802.11be EHT160_Nss1,(MCS0)_4TX	25.03	0.31842
802.11be EHT320_Nss1,(MCS0)_4TX	26.55	0.45186

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	15.18	30.00
6195MHz	Pass	15.50	30.00
6415MHz	Pass	15.84	30.00
6435MHz	Pass	15.37	30.00
6475MHz	Pass	15.82	30.00
6515MHz	Pass	15.33	30.00
6535MHz	Pass	15.65	30.00
6695MHz	Pass	15.87	30.00
6875MHz	Pass	15.32	30.00
6895MHz	Pass	15.11	30.00
6995MHz	Pass	15.38	30.00
7095MHz	Pass	15.62	30.00
7115MHz	Pass	11.82	30.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	18.53	30.00
6205MHz	Pass	18.12	30.00
6405MHz	Pass	18.88	30.00
6445MHz	Pass	18.43	30.00
6485MHz	Pass	18.04	30.00
6525MHz	Pass	18.89	30.00
6565MHz	Pass	19.34	30.00
6685MHz	Pass	18.56	30.00
6885MHz Straddle 6.525-6.875GHz	Pass	18.11	30.00
6925MHz	Pass	17.79	30.00
7005MHz	Pass	18.85	30.00
7085MHz	Pass	18.22	30.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	20.70	30.00
6225MHz	Pass	21.70	30.00
6385MHz	Pass	21.78	30.00
6465MHz	Pass	21.58	30.00
6545MHz	Pass	22.18	30.00
6625MHz	Pass	21.53	30.00
6705MHz	Pass	21.75	30.00
6785MHz	Pass	21.62	30.00
6865MHz	Pass	20.64	30.00
6945MHz	Pass	21.27	30.00
7025MHz	Pass	20.91	30.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	23.21	30.00
6185MHz	Pass	23.50	30.00
6345MHz	Pass	24.65	30.00



Radiated EIRP_Non-Beamforming_Full RU

Appendix B.1

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
6505MHz	Pass	24.51	30.00
6665MHz	Pass	24.35	30.00
6825MHz	Pass	23.51	30.00
6985MHz	Pass	25.03	30.00
802.11be EHT320_Nss1,(MCS0)_4TX	-	-	-
6105MHz	Pass	28.07	30.00
6265MHz	Pass	27.22	30.00
6425MHz	Pass	27.11	30.00
6585MHz	Pass	27.34	30.00
6745MHz	Pass	27.24	30.00
6905MHz	Pass	26.55	30.00

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

19/05/2025

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

CF Freq
6.415GHz

Span
50MHz

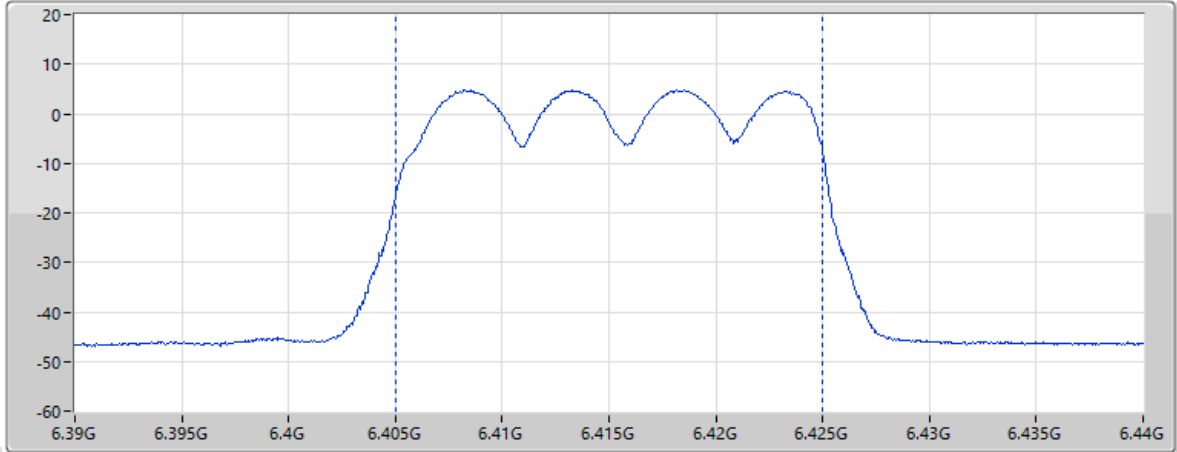
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
20MHz



Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
15.84				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.63	11.27	6.69	37.14	58.19

14/05/2025

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

CF Freq
6.405GHz

Span
100MHz

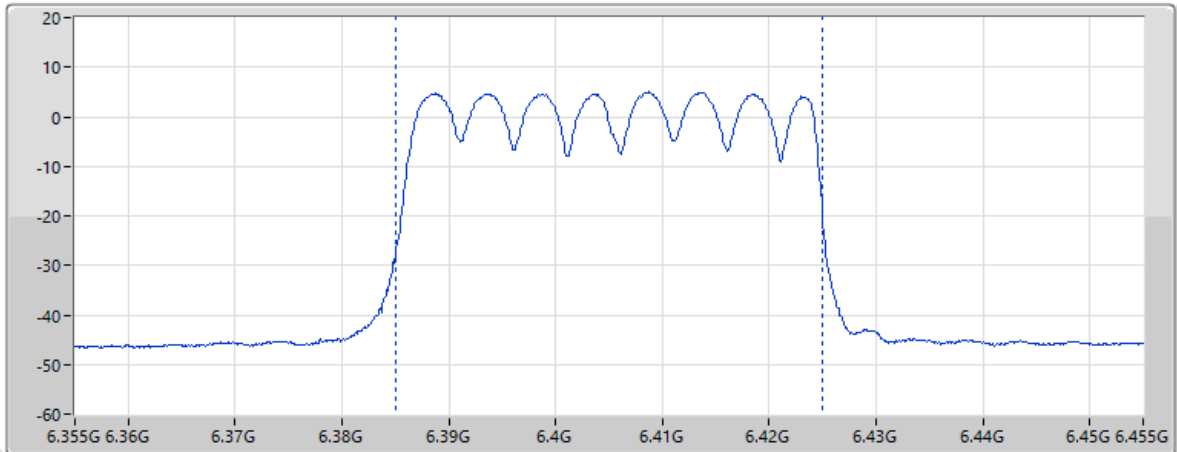
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
40MHz



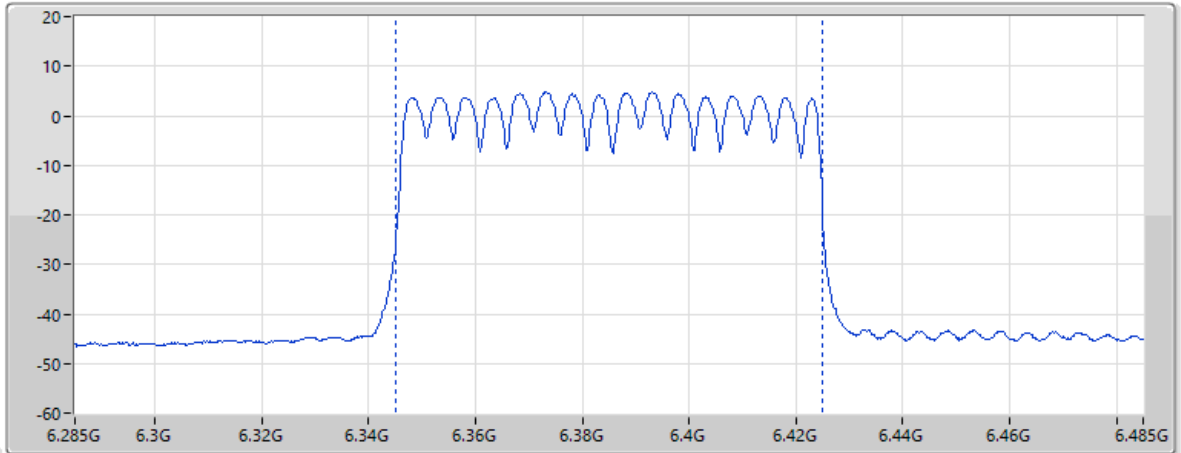
Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
18.88				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
2.46	11.29	6.68	37.14	58.17

14/05/2025

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

CF Freq
6.385GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2ms
Detector Type
RMS
CP BW
80MHz



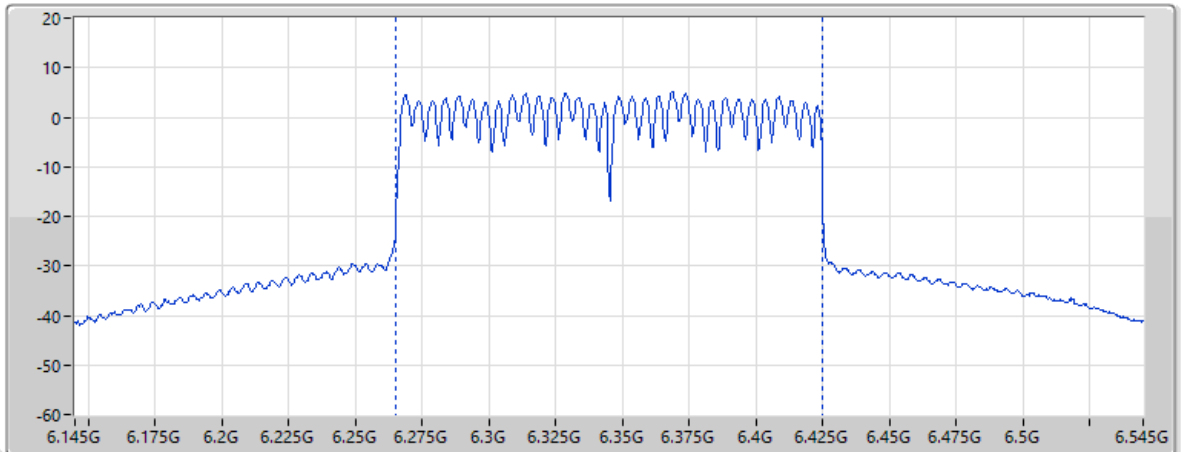
Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
21.78		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
5.47	11.36	6.66	37.14	58.15

11/05/2024

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

CF Freq
6.345GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4ms
Detector Type
RMS
CP BW
160MHz



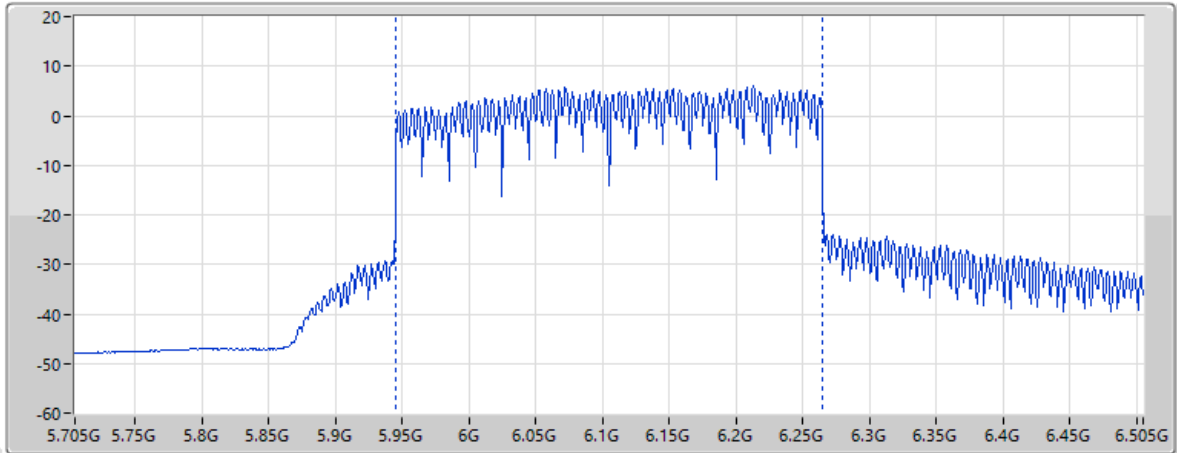
Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
24.65		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
16.53	11.22	5.40	44.15	58.09

14/05/2025

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

CF Freq
6.105GHz
Span
800MHz
RBW
1MHz
VBW
3MHz
Sweep Time
8ms
Detector Type
RMS
CP BW
320MHz



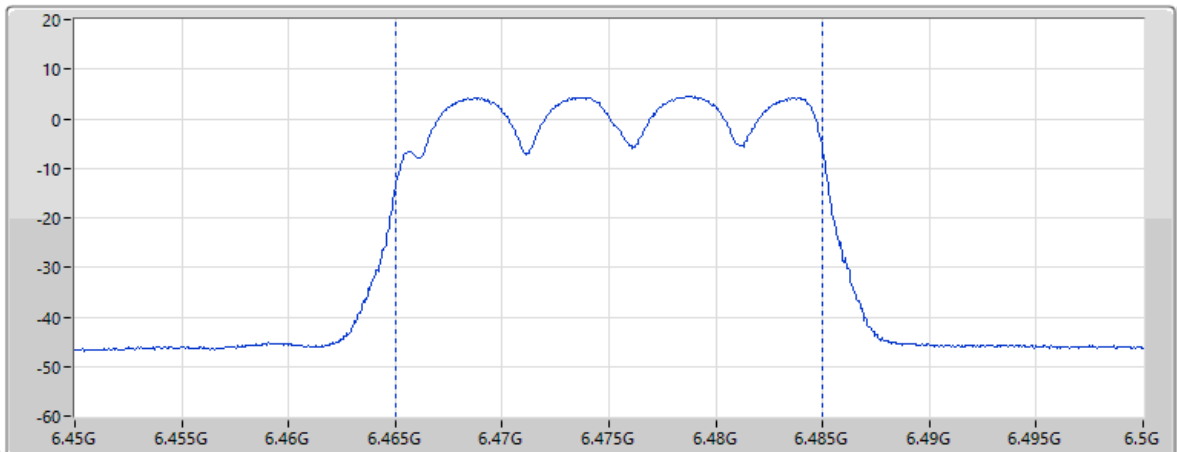
Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
28.07				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
12.66	11.59	6.39	37.15	57.76

16/05/2025

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

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



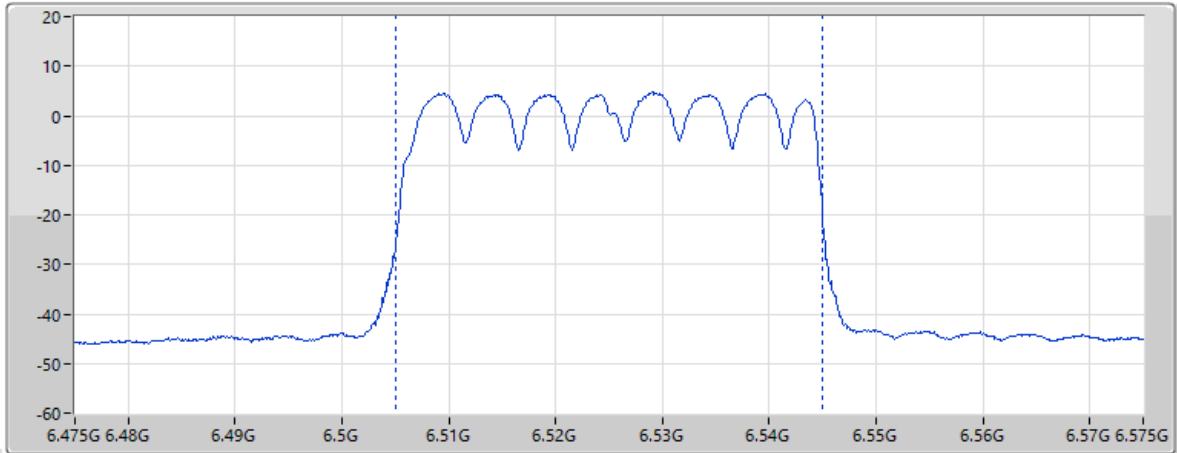
Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
15.82				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.96	11.10	6.74	37.13	58.27

16/05/2025

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

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



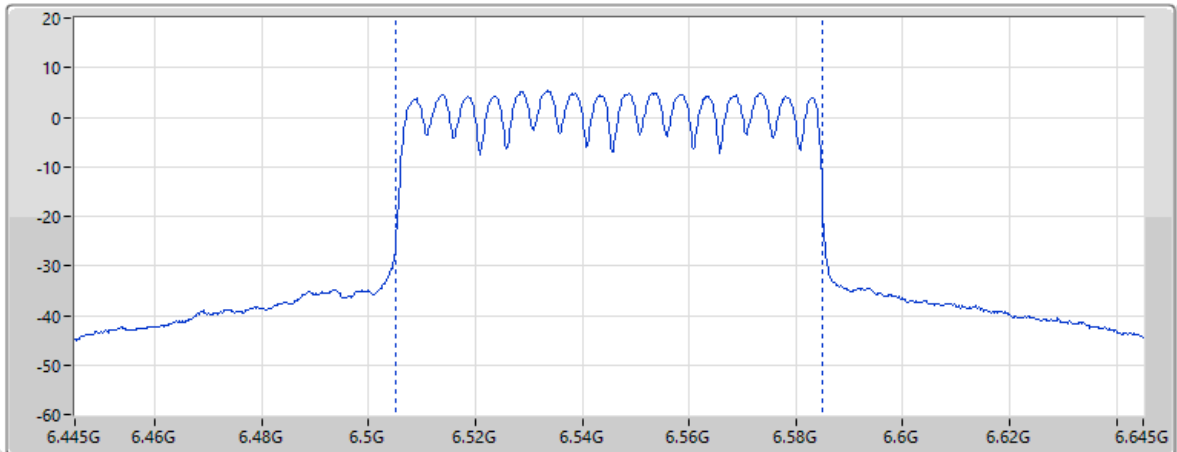
Page 7

EIRP (dBm)	18.89	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)	
1.82	10.90	6.77	37.13	58.33	

11/05/2024

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

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



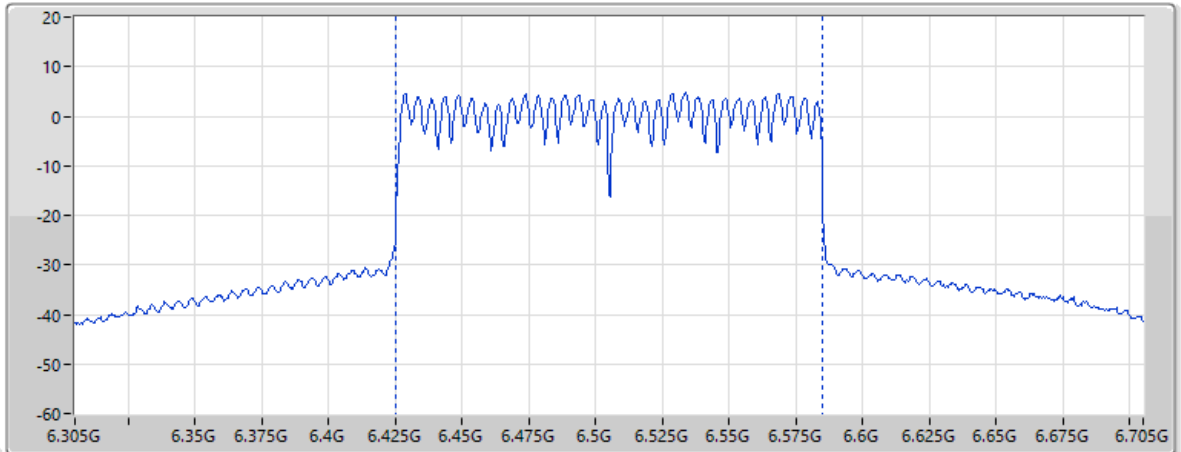
Page 7

EIRP (dBm)	22.18	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)	
13.21	10.72	5.46	44.13	58.36	

11/05/2024

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

CF Freq
6.505GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4ms
Detector Type
RMS
CP BW
160MHz



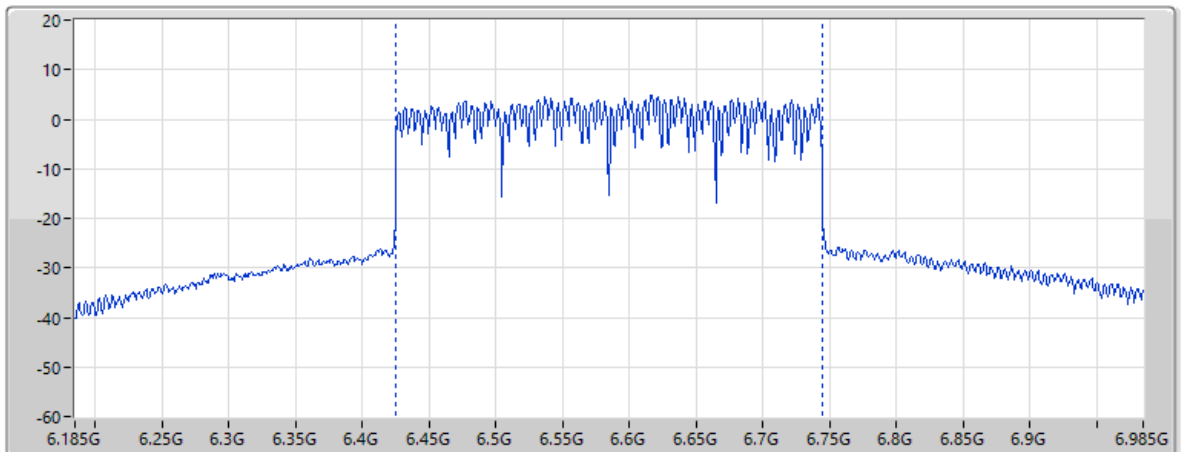
Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
24.51		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
15.75	10.88	5.46	44.13	58.31

11/05/2024

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

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

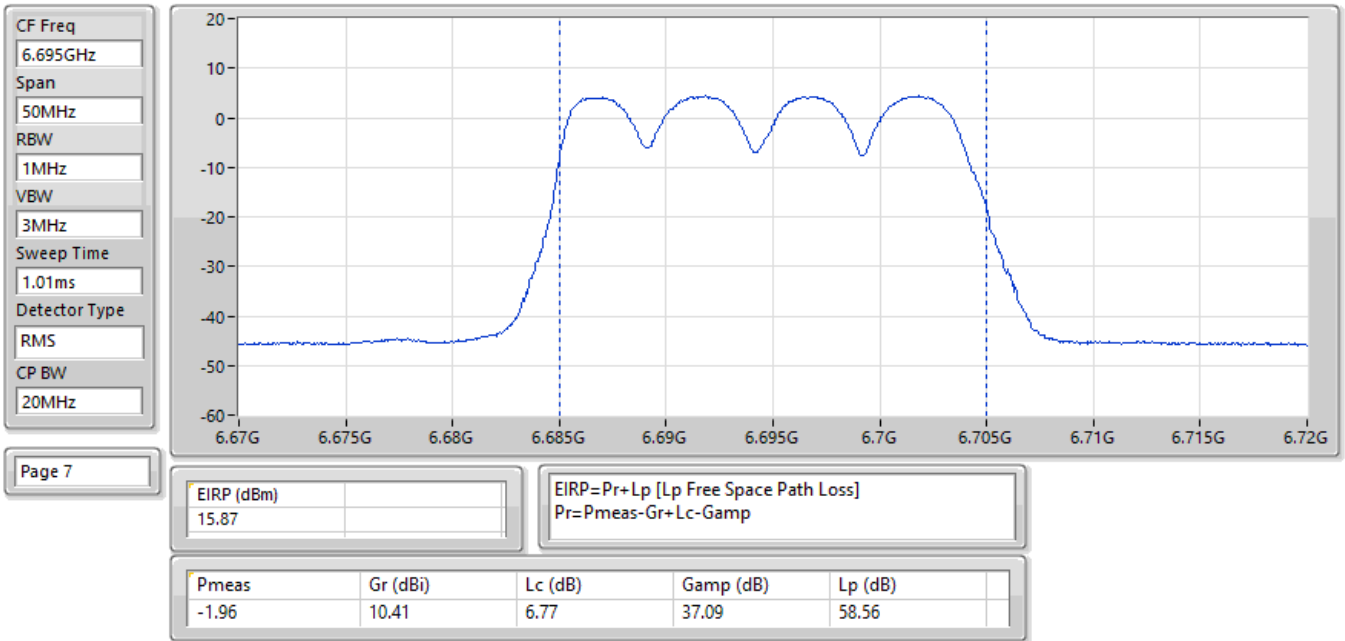


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EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
27.34		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
18.08	10.49	5.46	44.12	58.41

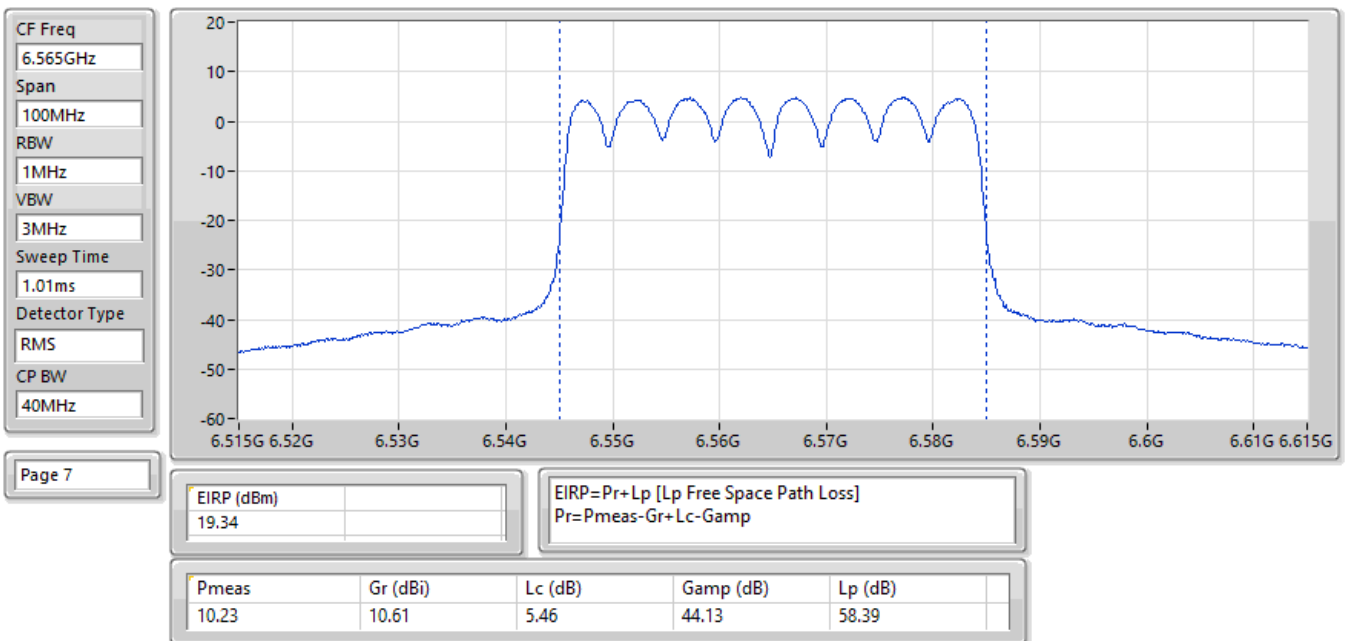
19/05/2025

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



11/05/2024

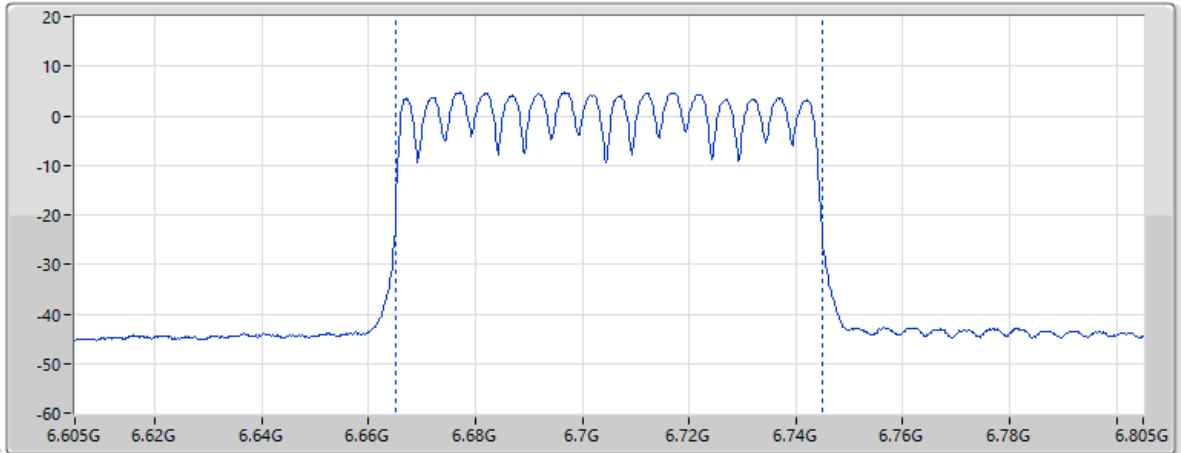
EIRP:Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6565MHz;TX



16/05/2025

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

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



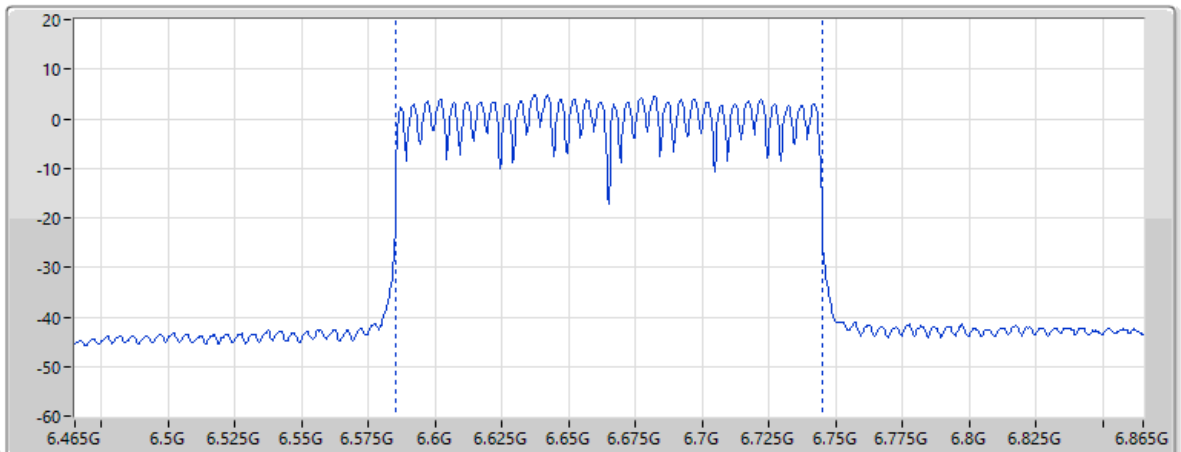
Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
21.75				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
3.93	10.42	6.76	37.09	58.57

16/05/2025

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

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



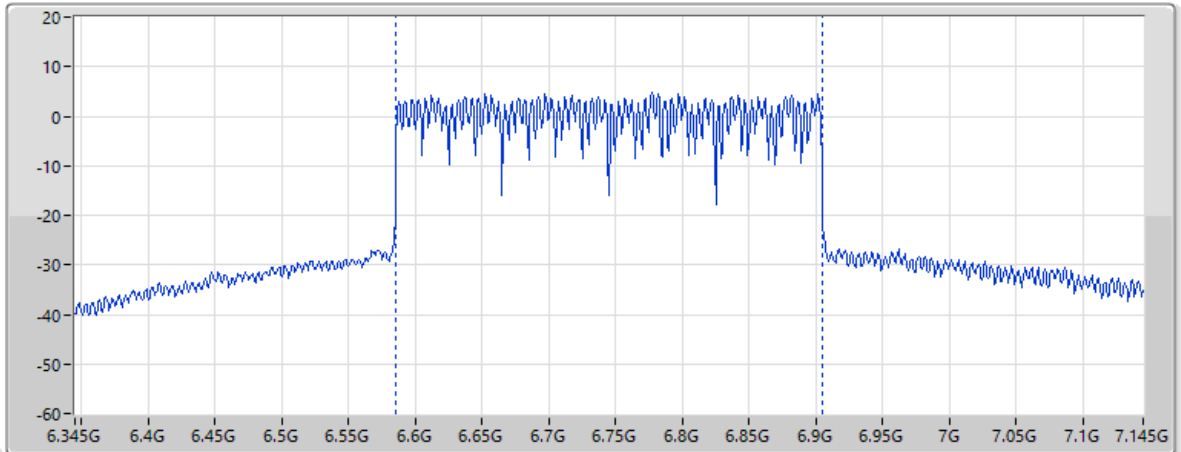
Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
24.35				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
6.61	10.47	6.79	37.10	58.52

11/05/2024

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

CF Freq
6.745GHz
Span
800MHz
RBW
1MHz
VBW
3MHz
Sweep Time
8ms
Detector Type
RMS
CP BW
320MHz



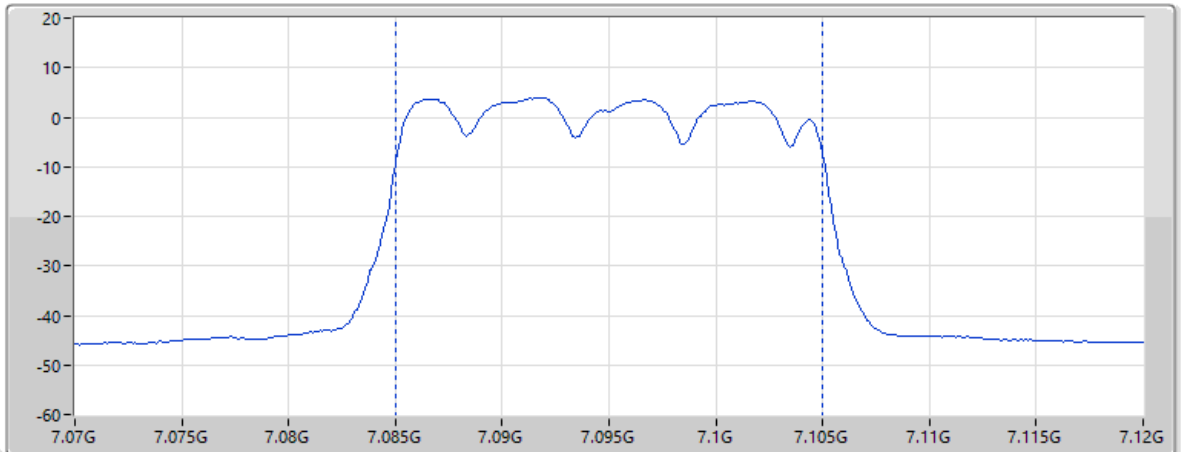
Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
27.24				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
17.56	10.40	5.58	44.12	58.62

11/05/2024

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

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



Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
15.62				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
5.42	10.62	5.80	44.04	59.06

11/05/2024

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

CF Freq
7.005GHz

Span
100MHz

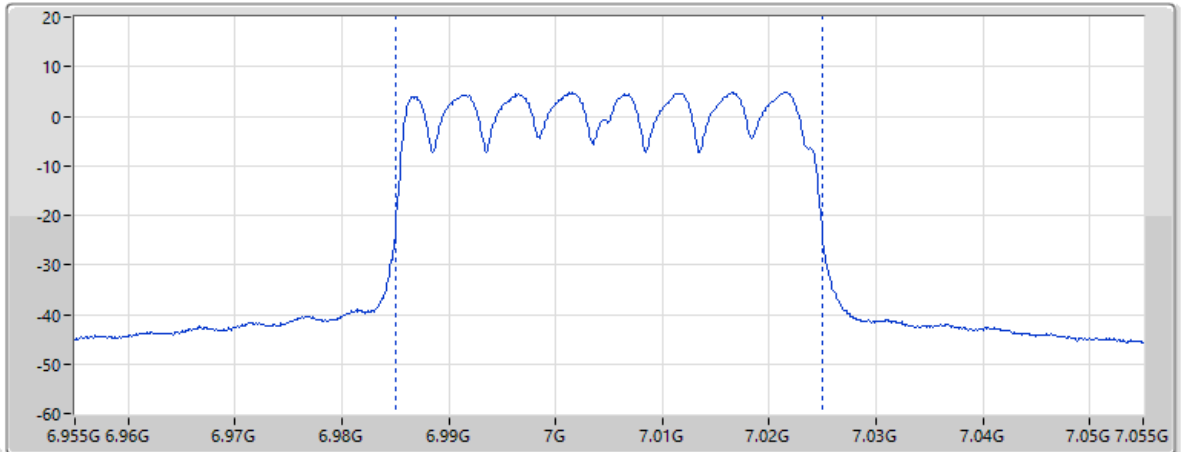
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
40MHz



Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
18.85				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
9.21	10.98	5.77	44.10	58.95

19/05/2025

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

CF Freq
6.945GHz

Span
200MHz

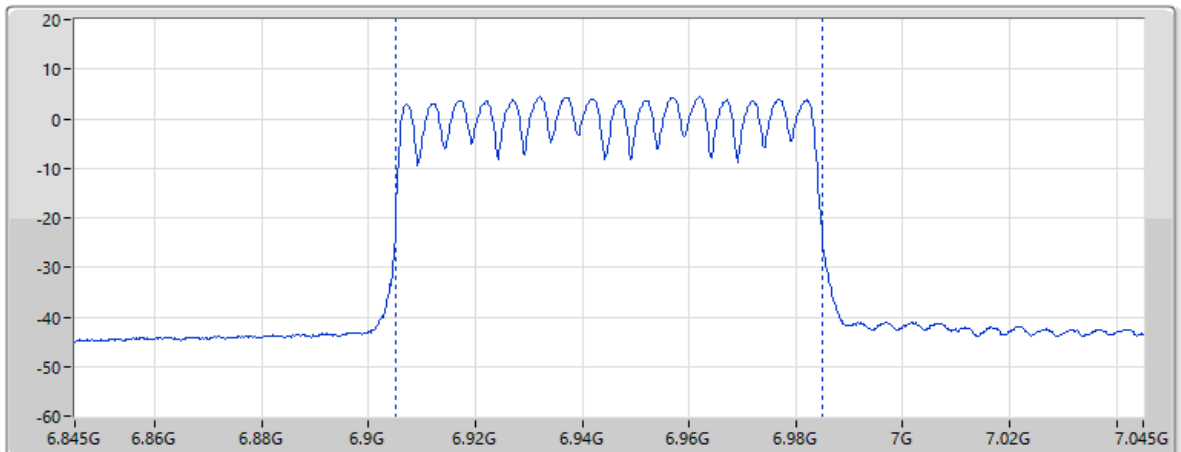
RBW
1MHz

VBW
3MHz

Sweep Time
2ms

Detector Type
RMS

CP BW
80MHz



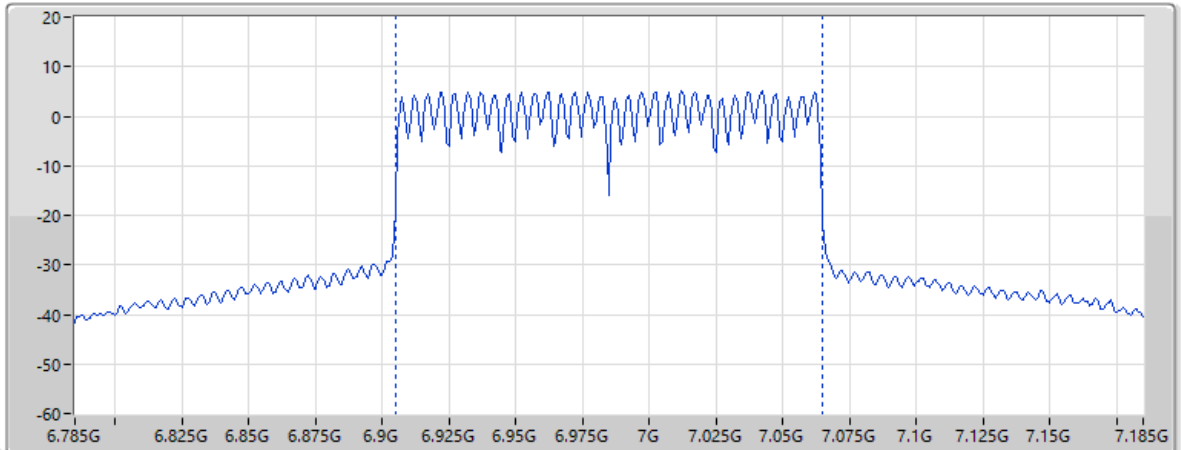
Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
21.27				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
2.60	10.89	7.73	37.05	58.88

11/05/2024

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

CF Freq
6.985GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4ms
Detector Type
RMS
CP BW
160MHz



Page 7

EIRP (dBm)
25.03

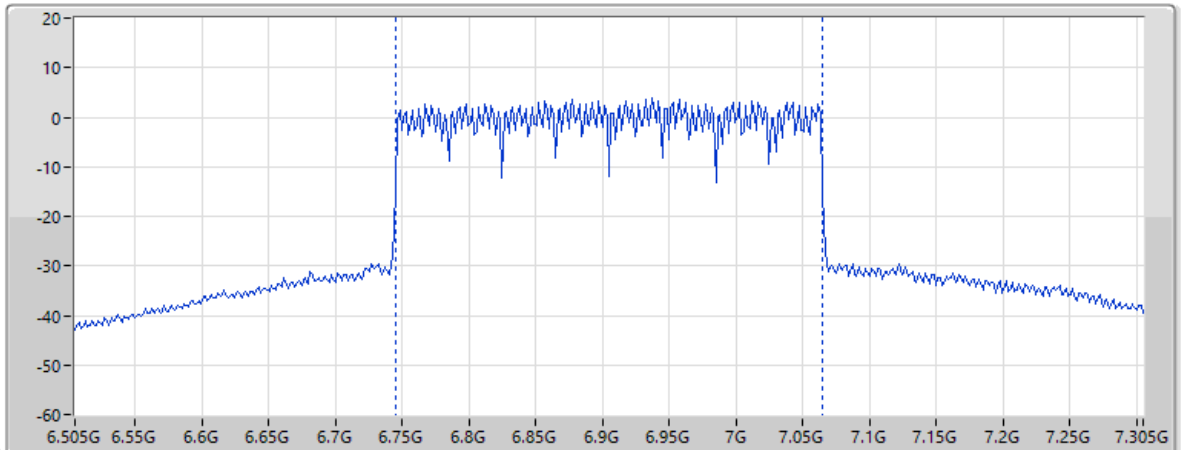
EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
15.44	11.00	5.76	44.10	58.93

11/05/2024

EIRP;Band:7.0G;be320;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6905MHz;TX

CF Freq
6.905GHz
Span
800MHz
RBW
1MHz
VBW
3MHz
Sweep Time
8ms
Detector Type
RMS
CP BW
320MHz



Page 7

EIRP (dBm)
26.55

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
16.95	10.82	5.70	44.11	58.83

**Summary**

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	18.04	0.06368
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 6_4TX	22.47	0.17660
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 8_4TX	25.54	0.35810
6.525-6.875GHz	-	-
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 9_4TX	23.07	0.20277
6.875-7.125GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	19.43	0.08770
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_4TX	22.12	0.16293

**Result**

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-
5985MHz	Pass	18.04	30.00
7025MHz	Pass	19.43	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 6_4TX	-	-	-
6025MHz	Pass	22.47	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 3_4TX	-	-	-
6025MHz	Pass	21.76	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_4TX	-	-	-
6985MHz	Pass	22.12	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-	-	-
6985MHz	Pass	21.64	30.00
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 8_4TX	-	-	-
6105MHz	Pass	25.54	30.00
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_4TX	-	-	-
6105MHz	Pass	25.26	30.00
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 5_4TX	-	-	-
6105MHz	Pass	24.37	30.00
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 4_4TX	-	-	-
6905MHz	Pass	21.82	30.00
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 3_4TX	-	-	-
6905MHz	Pass	20.49	30.00
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 9_4TX	-	-	-
6905MHz	Pass	23.07	30.00

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

20/06/2025

EIRP;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 MRU 3;Nant:4;Ch:5985MHz;TX

CF Freq
5.985GHz

Span
200MHz

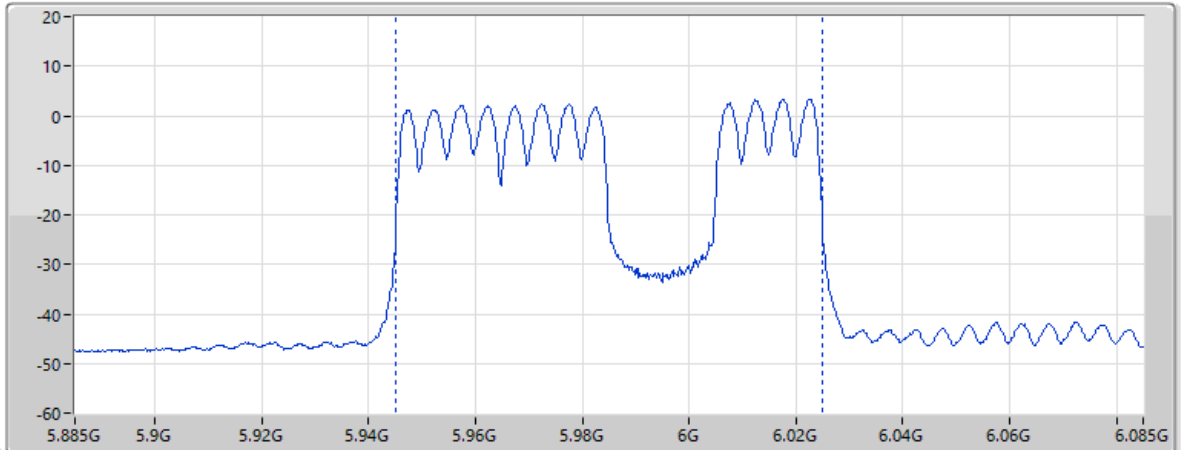
RBW
1MHz

VBW
3MHz

Sweep Time
2ms

Detector Type
RMS

CP BW
80MHz



Page 7

EIRP (dBm)
18.04

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
2.60	11.37	6.40	37.17	57.58

20/06/2025

EIRP;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484+RU242 MRU 6;Nant:4;Ch:6025MHz;TX

CF Freq
6.025GHz

Span
400MHz

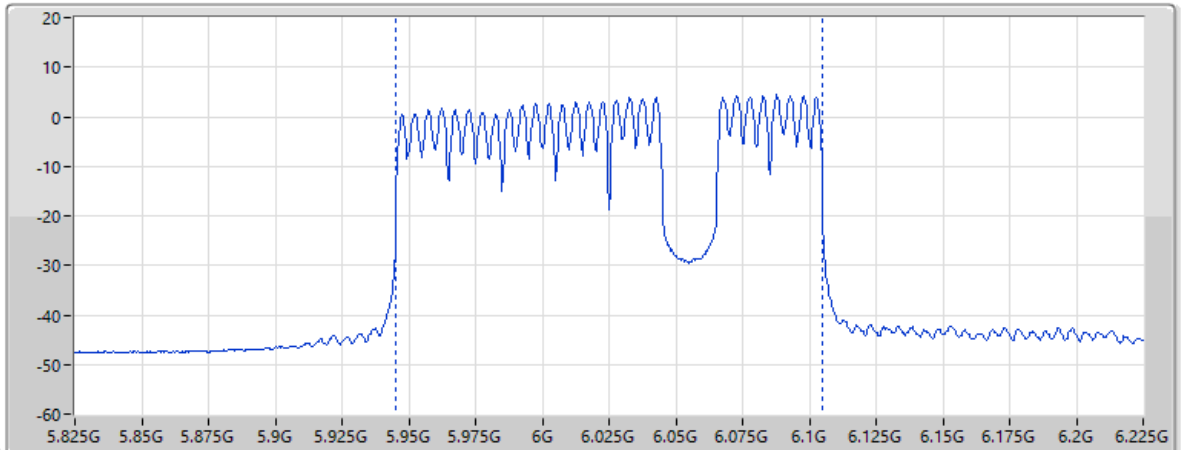
RBW
1MHz

VBW
3MHz

Sweep Time
4ms

Detector Type
RMS

CP BW
160MHz



Page 7

EIRP (dBm)
22.47

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.05	11.40	6.34	37.16	57.64

20/06/2025

EIRP;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0),3xRU996+RU484 MRU 8;Nant:4;Ch:6105MHz;TX

CF Freq
6.105GHz

Span
800MHz

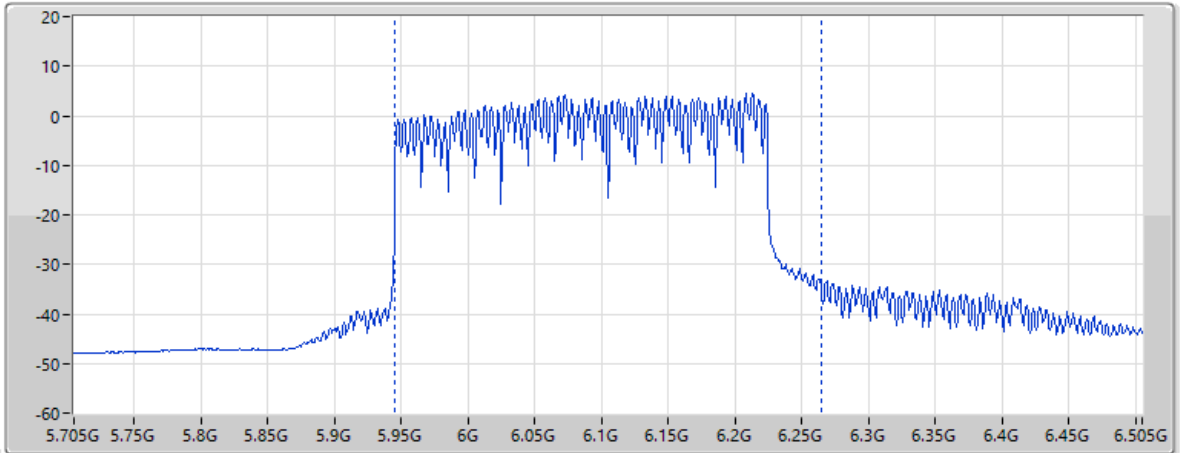
RBW
1MHz

VBW
3MHz

Sweep Time
8ms

Detector Type
RMS

CP BW
320MHz



Page 7

EIRP (dBm)
25.54

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
10.13	11.59	6.39	37.15	57.76

20/06/2025

EIRP;Band:6.7G;be320;BWch:320MHz;Nss:1,(M0),2xRU996+RU484 MRU 9;Nant:4;Ch:6905MHz;TX

CF Freq
6.905GHz

Span
800MHz

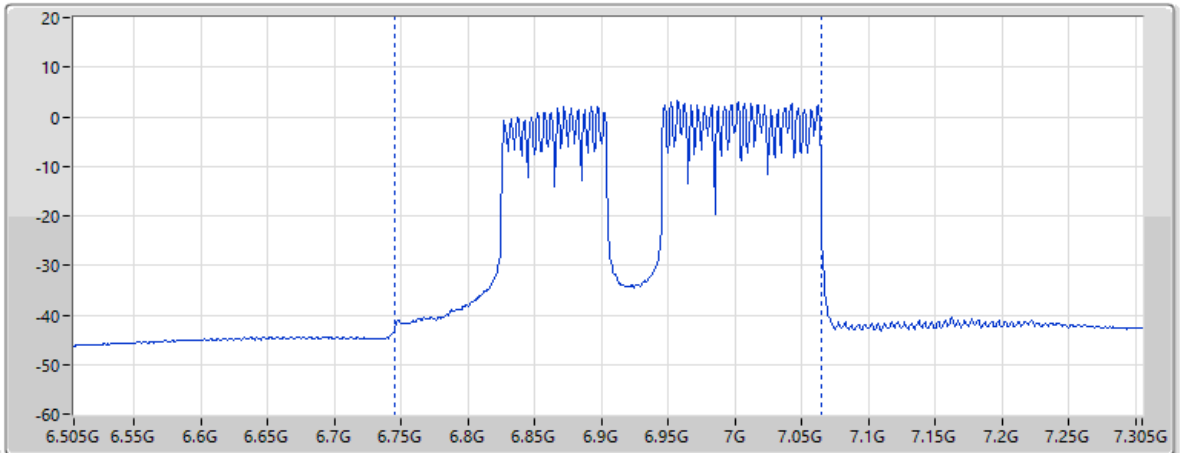
RBW
1MHz

VBW
3MHz

Sweep Time
8ms

Detector Type
RMS

CP BW
320MHz



Page 7

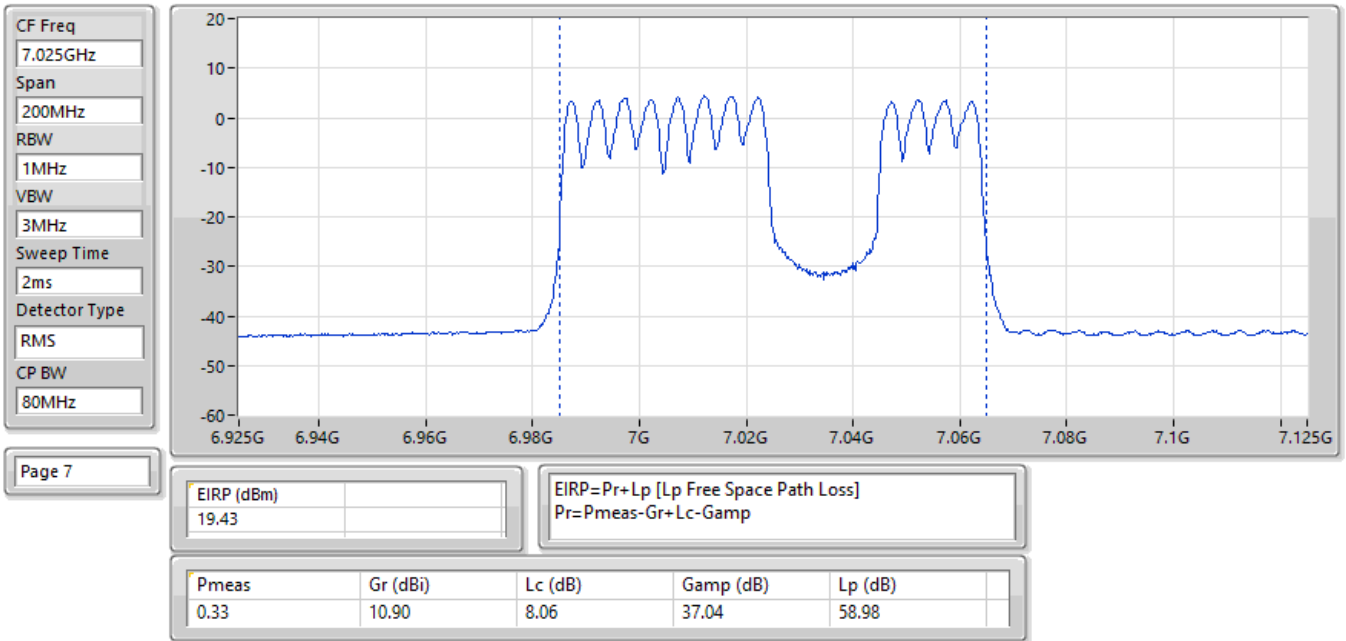
EIRP (dBm)
23.07

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
4.66	10.81	7.45	37.06	58.83

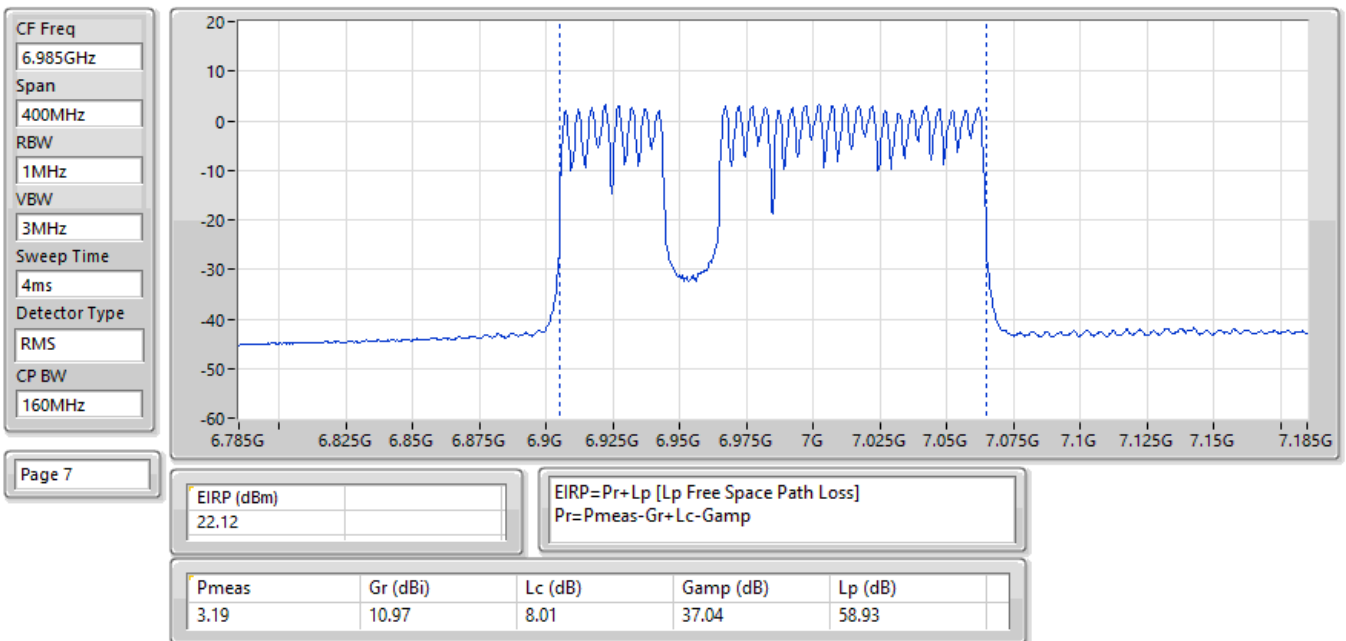
20/06/2025

EIRP;Band:7.0G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 MRU 3;Nant:4;Ch:7025MHz;TX



20/06/2025

EIRP;Band:7.0G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484+RU242 MRU 3;Nant:4;Ch:6985MHz;TX



Summary

Mode	EIRP	EIRP
	(dBm)	(W)
5.925-6.425GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	19.27	0.08453
802.11be EHT40-BF_Nss1,(MCS0)_4TX	19.91	0.09795
802.11be EHT80-BF_Nss1,(MCS0)_4TX	23.48	0.22284
802.11be EHT160-BF_Nss1,(MCS0)_4TX	27.64	0.58076
802.11be EHT320-BF_Nss1,(MCS0)_4TX	28.37	0.68707
6.425-6.525GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	18.79	0.07568
802.11be EHT40-BF_Nss1,(MCS0)_4TX	20.60	0.11482
802.11be EHT80-BF_Nss1,(MCS0)_4TX	24.66	0.29242
802.11be EHT160-BF_Nss1,(MCS0)_4TX	26.88	0.48753
802.11be EHT320-BF_Nss1,(MCS0)_4TX	29.40	0.87096
6.525-6.875GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	18.45	0.06998
802.11be EHT40-BF_Nss1,(MCS0)_4TX	20.48	0.11169
802.11be EHT80-BF_Nss1,(MCS0)_4TX	24.88	0.30761
802.11be EHT160-BF_Nss1,(MCS0)_4TX	26.76	0.47424
802.11be EHT320-BF_Nss1,(MCS0)_4TX	27.58	0.57280
6.875-7.125GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	18.05	0.06383
802.11be EHT40-BF_Nss1,(MCS0)_4TX	20.93	0.12388
802.11be EHT80-BF_Nss1,(MCS0)_4TX	23.33	0.21528
802.11be EHT160-BF_Nss1,(MCS0)_4TX	26.27	0.42364

Result

Mode	Result	EIRP	EIRP Limit
		(dBm)	(dBm)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	19.27	30.00
6195MHz	Pass	16.99	30.00
6415MHz	Pass	17.37	30.00
6435MHz	Pass	15.86	30.00
6475MHz	Pass	17.52	30.00
6515MHz	Pass	18.79	30.00
6535MHz	Pass	17.51	30.00
6695MHz	Pass	16.75	30.00
6875MHz	Pass	18.45	30.00
6895MHz	Pass	17.52	30.00
6995MHz	Pass	16.18	30.00
7095MHz	Pass	18.05	30.00
7115MHz	Pass	13.67	30.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	19.91	30.00
6205MHz	Pass	19.54	30.00
6405MHz	Pass	19.45	30.00
6445MHz	Pass	20.02	30.00
6485MHz	Pass	19.33	30.00
6525MHz	Pass	20.60	30.00
6565MHz	Pass	20.48	30.00
6685MHz	Pass	20.36	30.00
6885MHz	Pass	17.98	30.00
6925MHz	Pass	20.40	30.00
7005MHz	Pass	20.89	30.00
7085MHz	Pass	20.93	30.00
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	22.54	30.00
6225MHz	Pass	23.48	30.00
6385MHz	Pass	21.86	30.00
6465MHz	Pass	22.58	30.00
6545MHz	Pass	24.66	30.00
6625MHz	Pass	24.88	30.00
6705MHz	Pass	24.34	30.00
6785MHz	Pass	23.34	30.00
6865MHz	Pass	22.50	30.00
6945MHz	Pass	23.16	30.00
7025MHz	Pass	23.33	30.00
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	25.66	30.00
6185MHz	Pass	25.62	30.00
6345MHz	Pass	27.64	30.00



Radiated EIRP_Beamforming

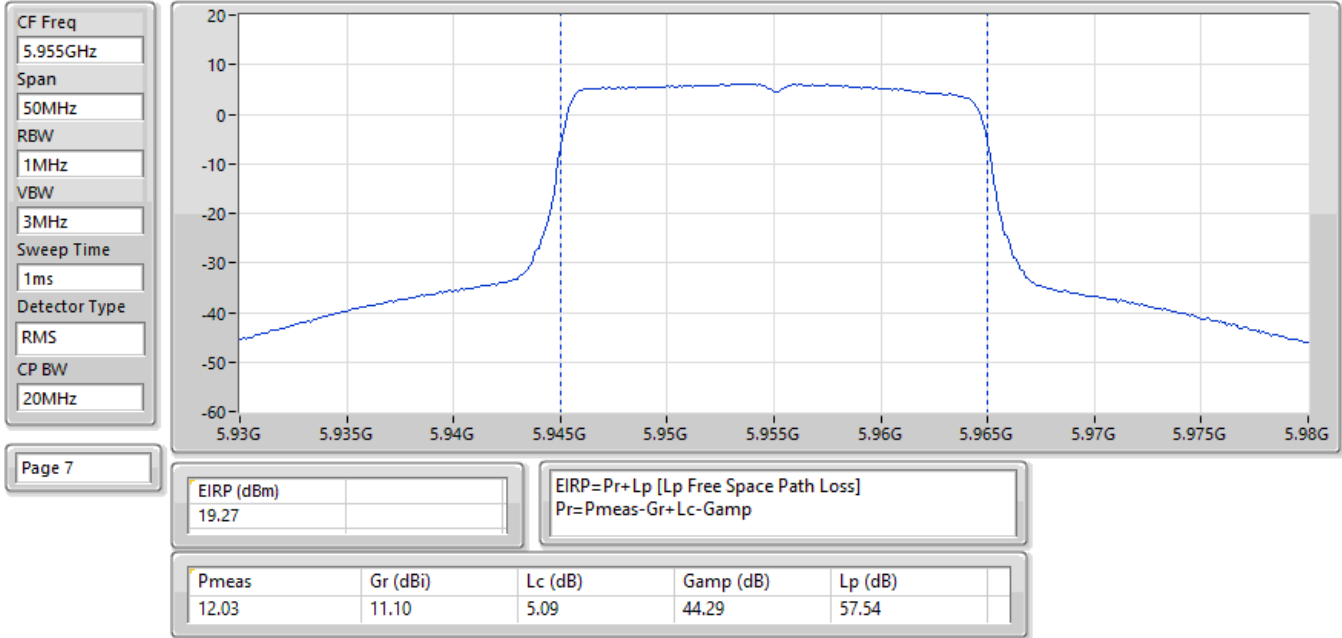
Appendix B.3

6505MHz	Pass	26.88	30.00
6665MHz	Pass	26.76	30.00
6825MHz	Pass	26.26	30.00
6985MHz	Pass	26.27	30.00
802.11be EHT320-BF_Nss1,(MCS0)_4TX	-	-	-
6105MHz	Pass	28.21	30.00
6265MHz	Pass	28.37	30.00
6425MHz	Pass	28.04	30.00
6585MHz	Pass	29.40	30.00
6745MHz	Pass	27.58	30.00
6905MHz	Pass	27.51	30.00

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

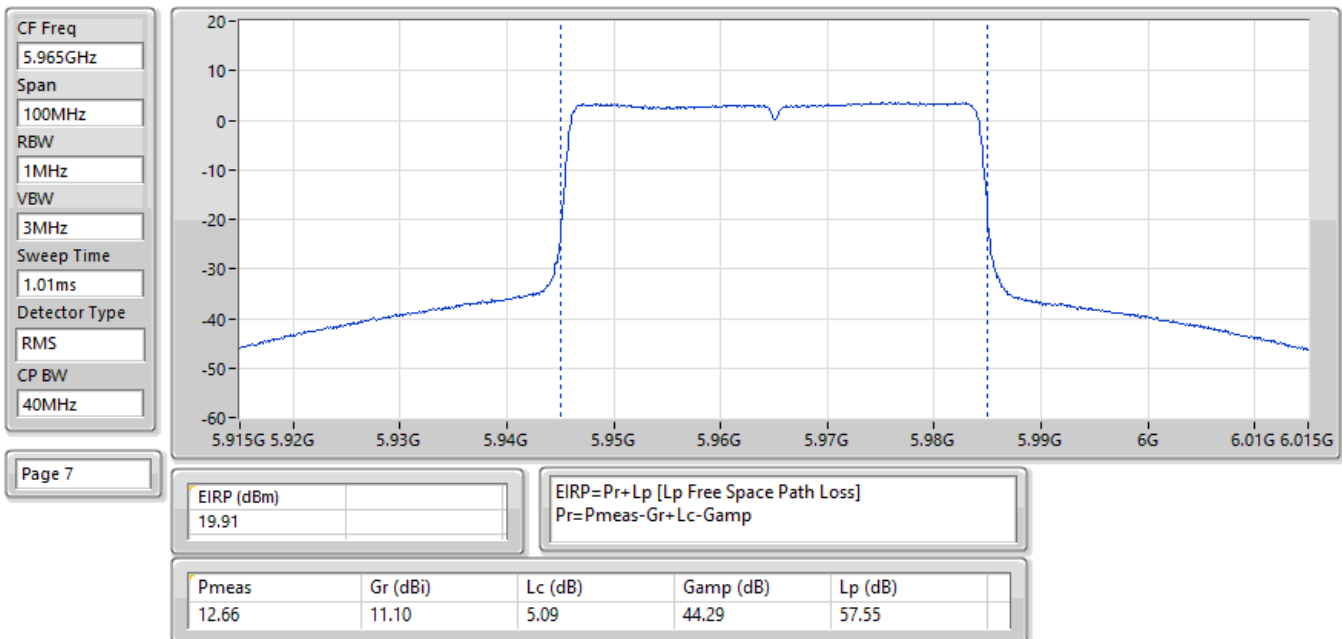
28/05/2024

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



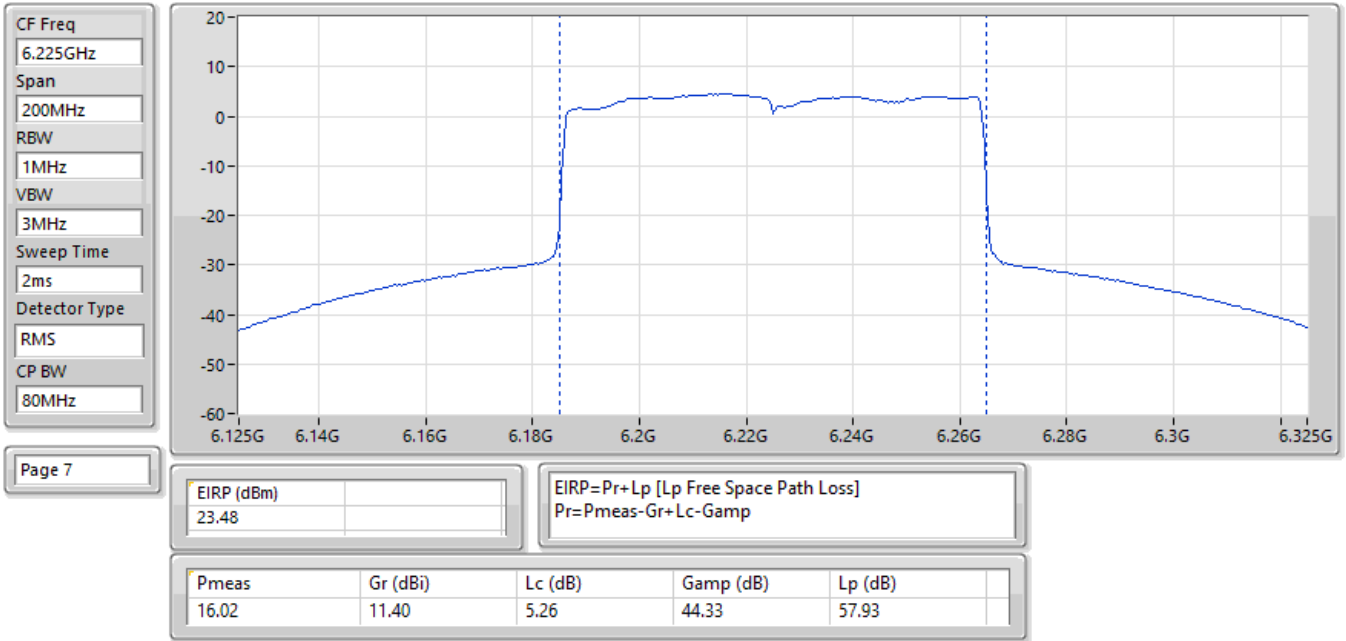
28/05/2024

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



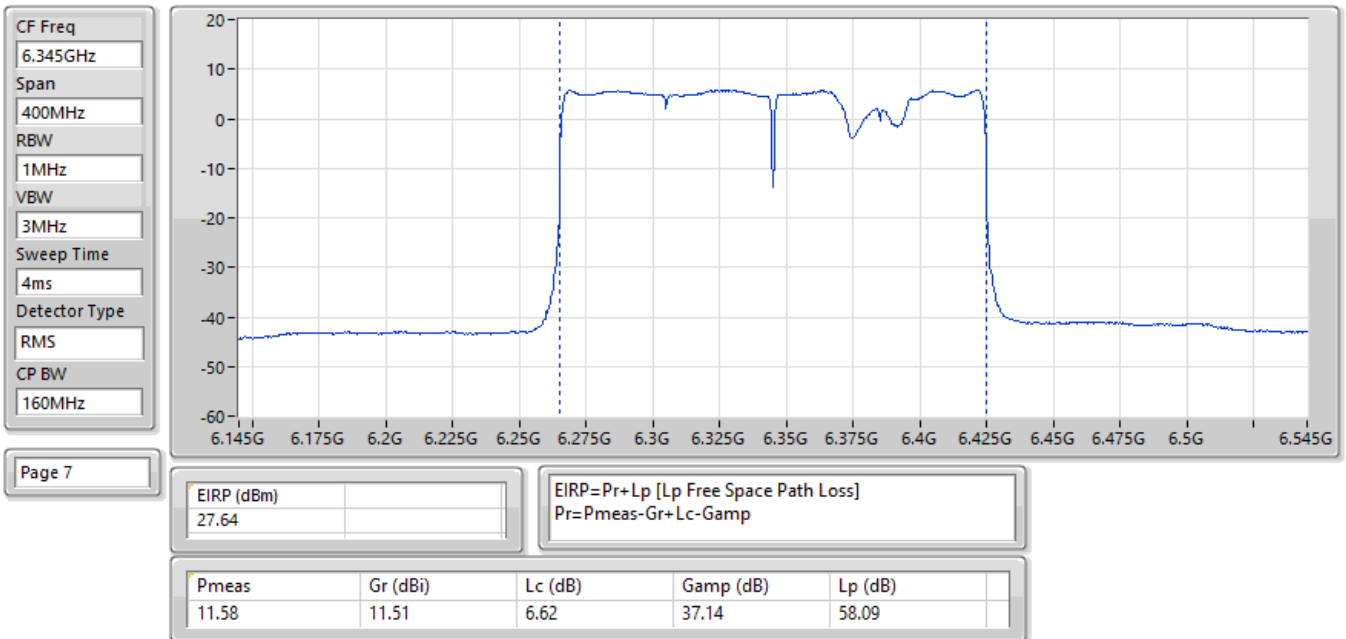
28/05/2024

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



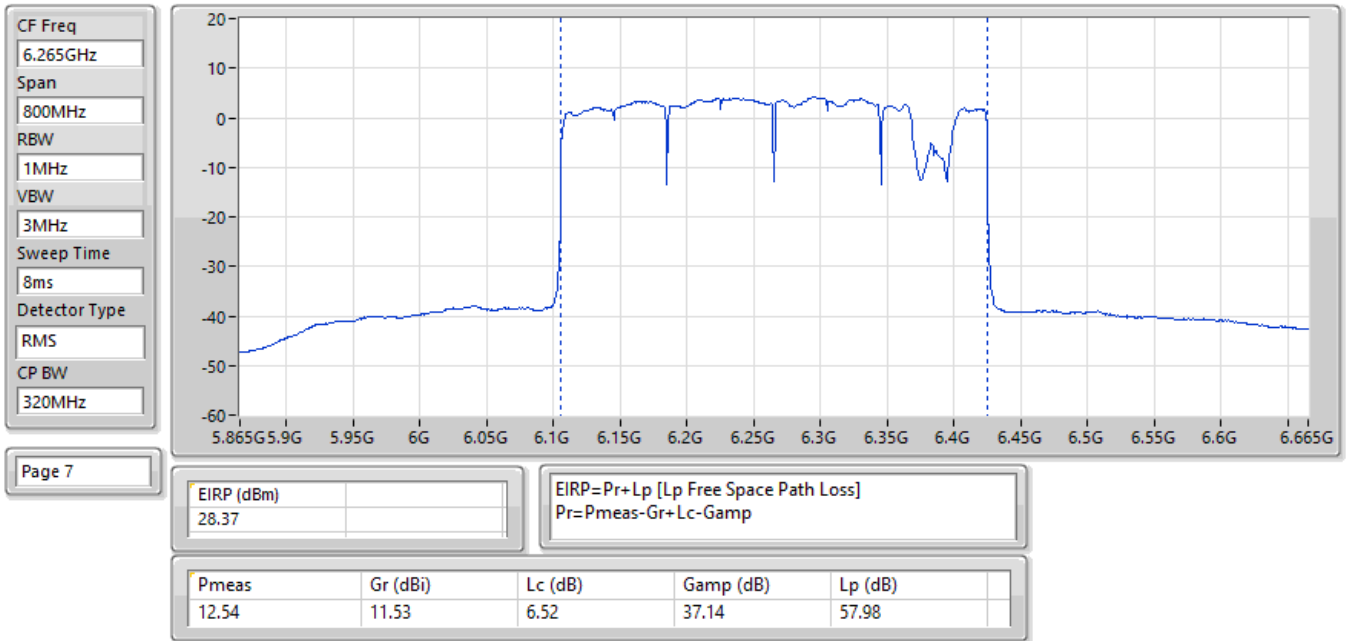
05/06/2025

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



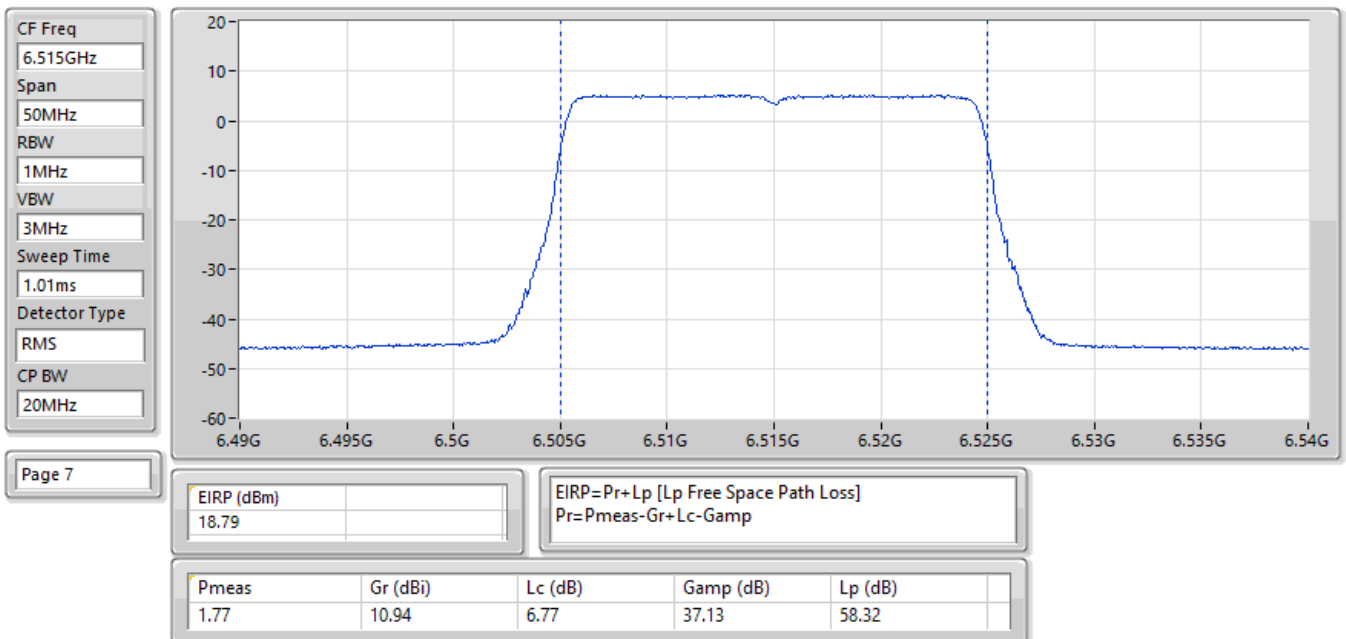
05/06/2025

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



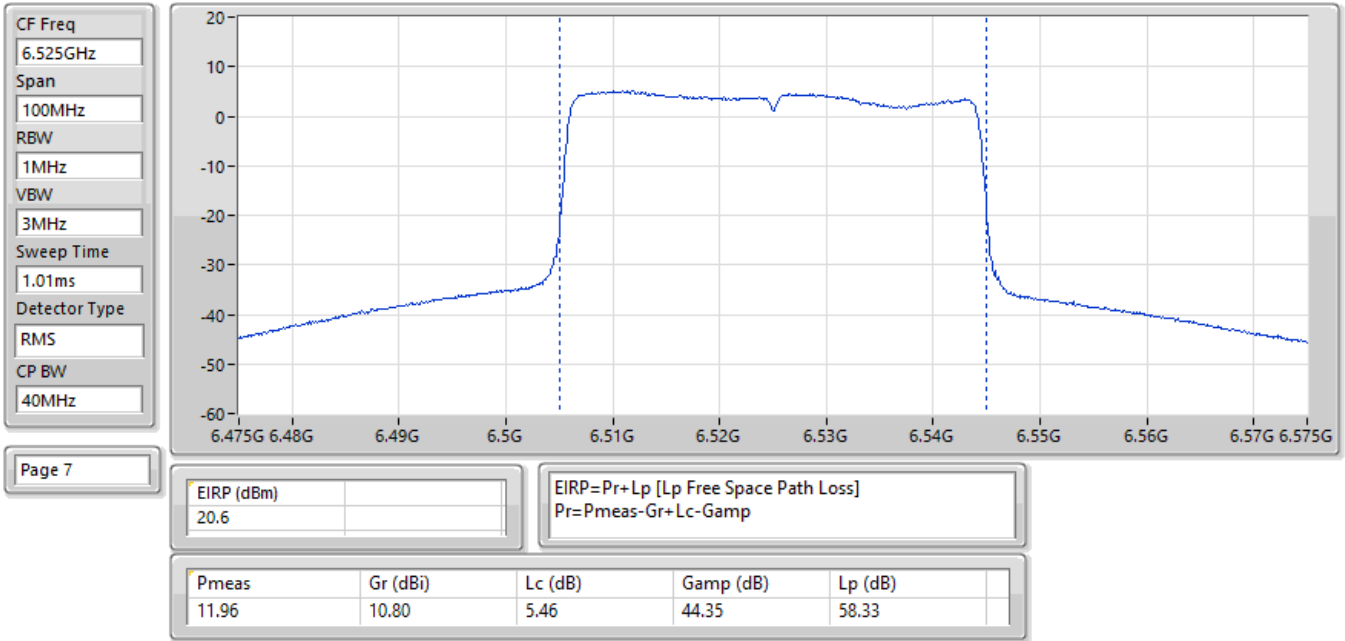
03/06/2025

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



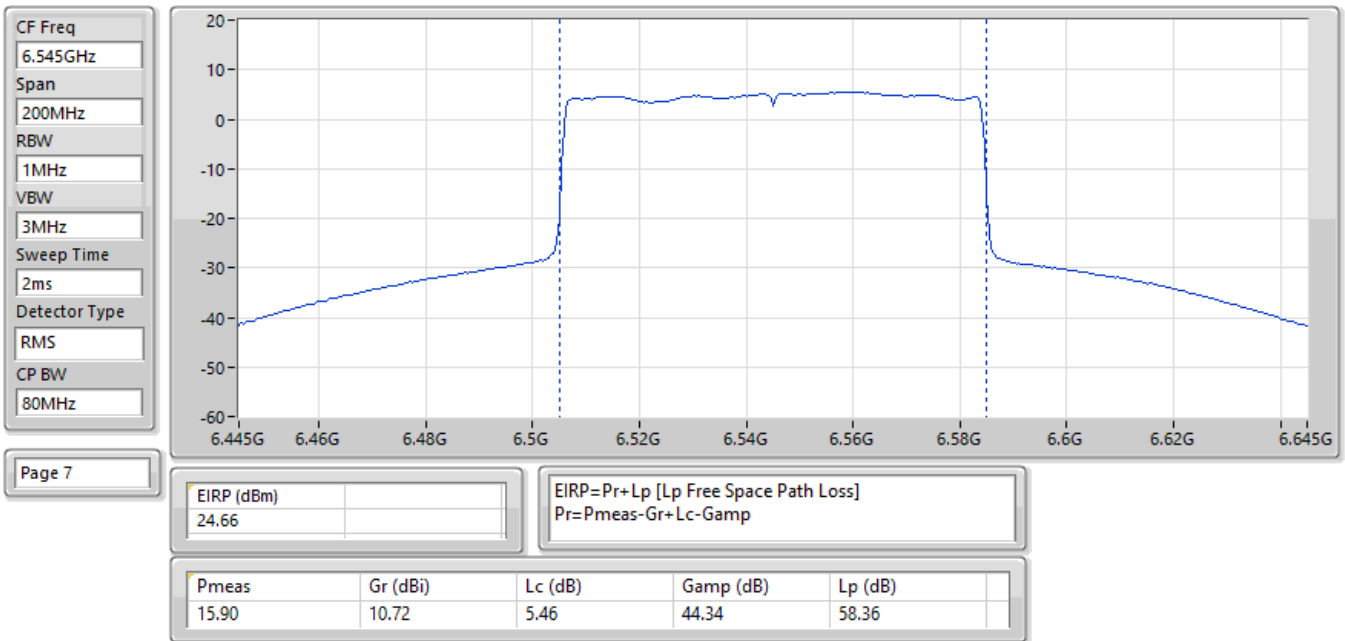
28/05/2024

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



28/05/2024

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



05/06/2025

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

CF Freq
6.505GHz

Span
400MHz

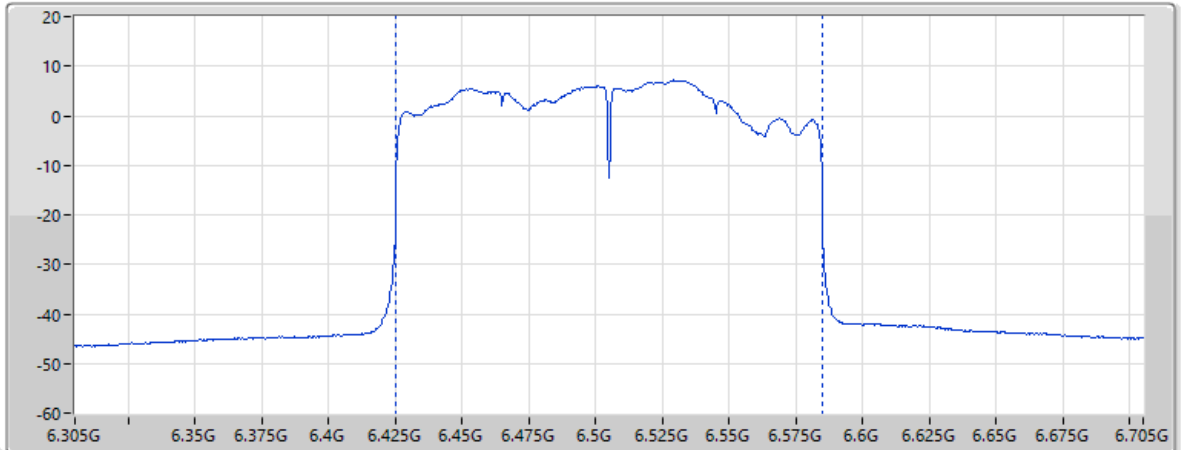
RBW
1MHz

VBW
3MHz

Sweep Time
4ms

Detector Type
RMS

CP BW
160MHz



Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
26.88				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
9.92	10.98	6.76	37.13	58.31

28/05/2024

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

CF Freq
6.585GHz

Span
800MHz

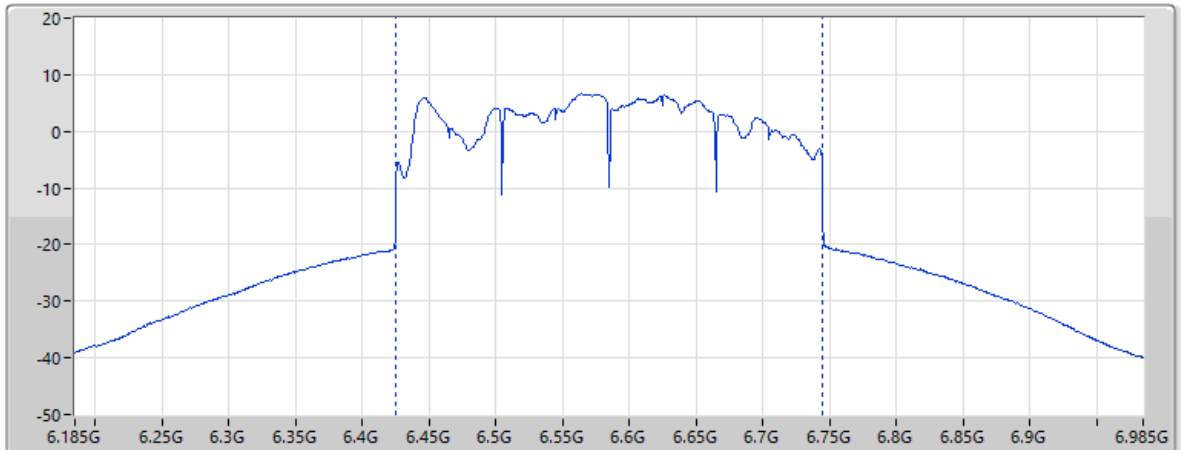
RBW
1MHz

VBW
3MHz

Sweep Time
8ms

Detector Type
RMS

CP BW
320MHz

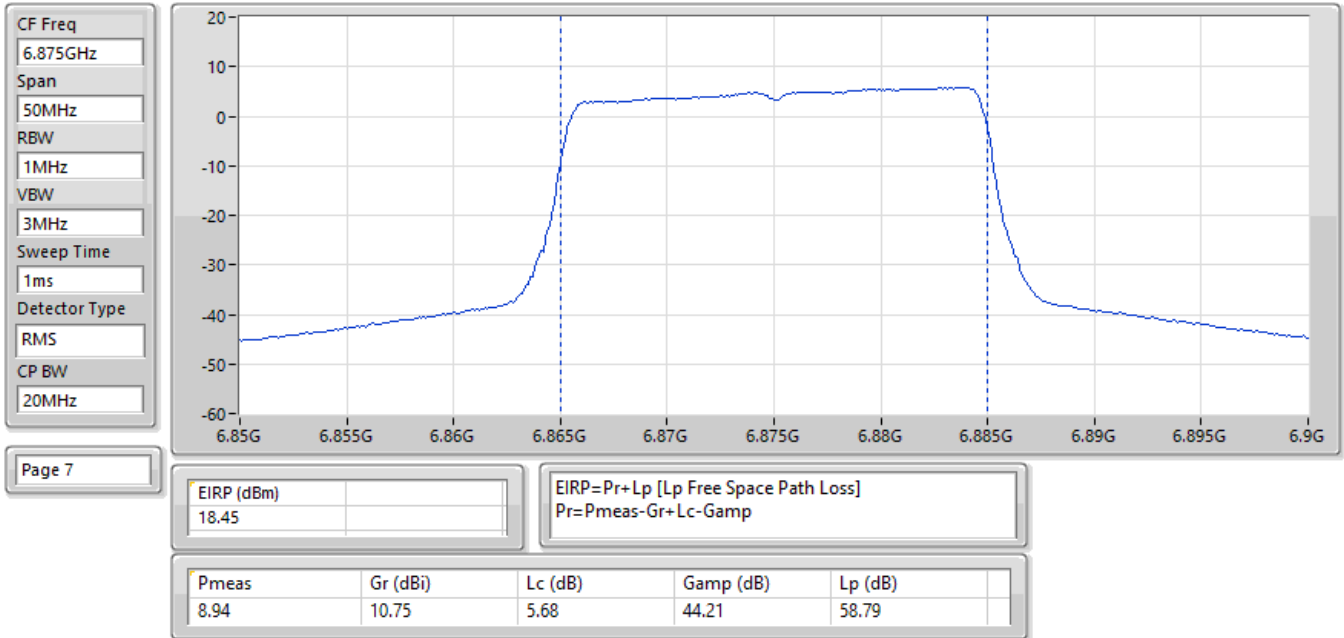


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EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
29.4				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
20.35	10.49	5.46	44.33	58.41

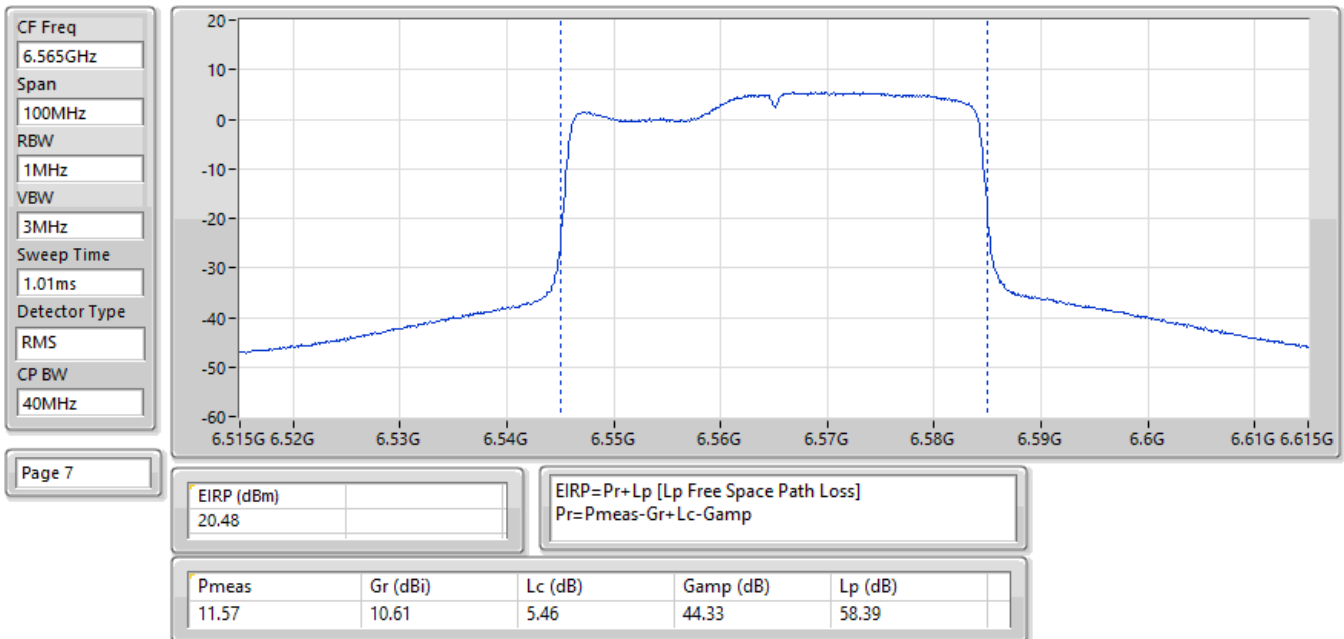
28/05/2024

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



28/05/2024

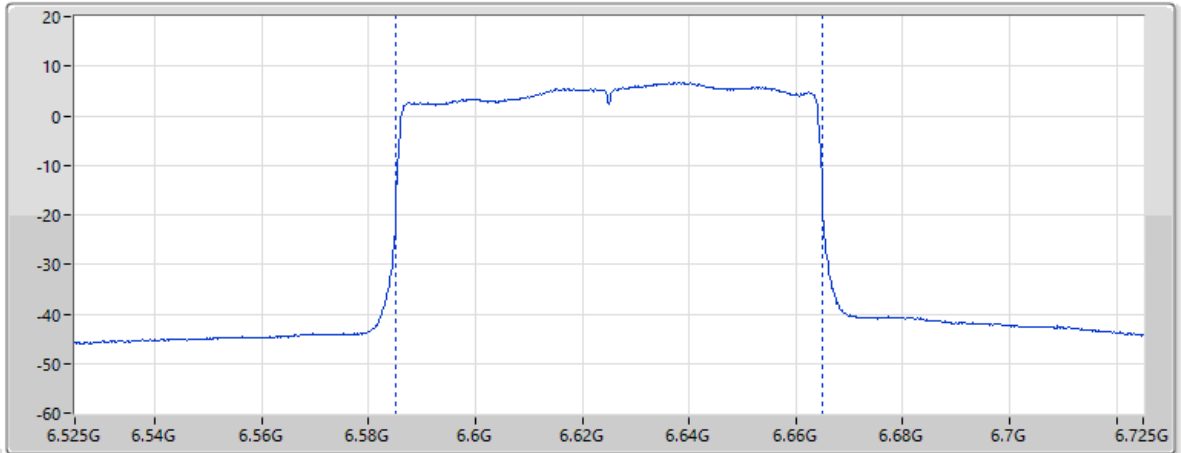
EIRP:Band:6.7G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6565MHz;TX



04/06/2025

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

CF Freq
6.625GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2ms
Detector Type
RMS
CP BW
80MHz



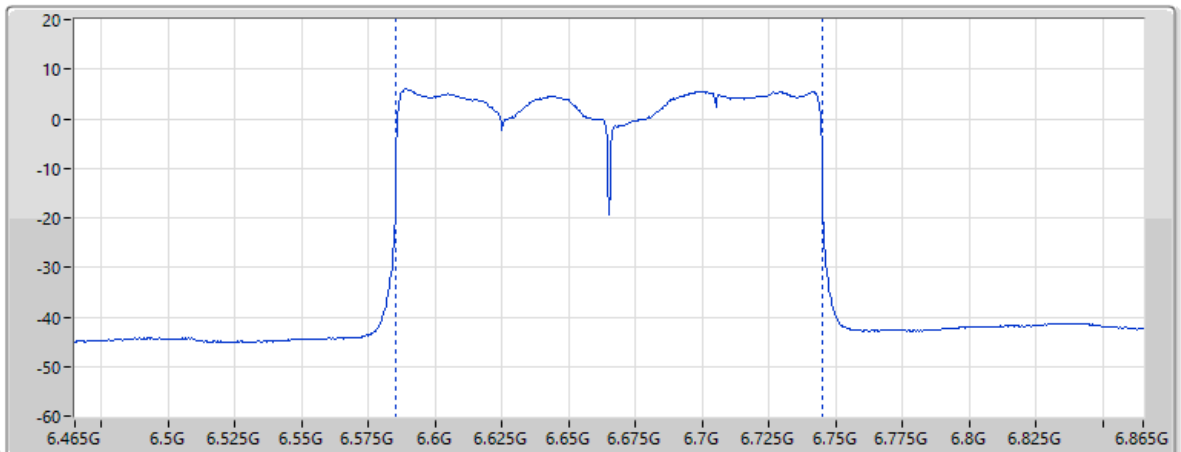
Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
24.88		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.21	10.50	6.81	37.11	58.47

05/06/2025

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

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



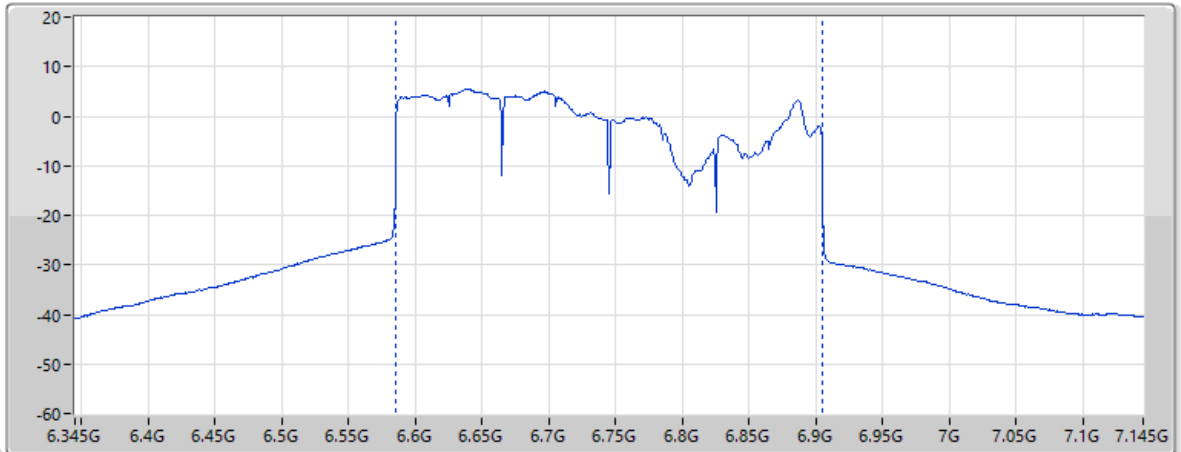
Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
26.76		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
9.02	10.47	6.79	37.10	58.52

28/05/2024

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

CF Freq
6.745GHz
Span
800MHz
RBW
1MHz
VBW
3MHz
Sweep Time
8ms
Detector Type
RMS
CP BW
320MHz



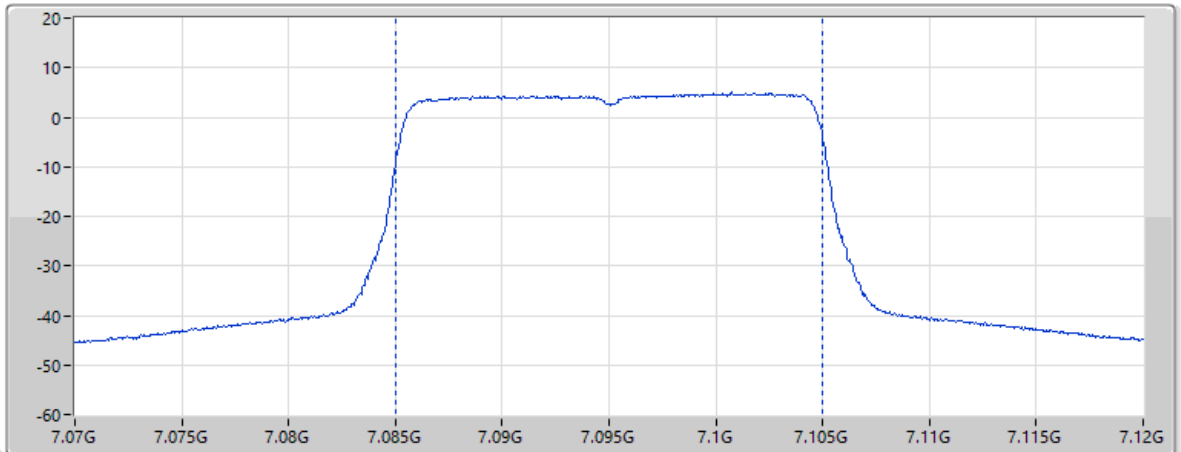
Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
27.58				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
18.04	10.40	5.58	44.26	58.62

28/05/2024

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

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

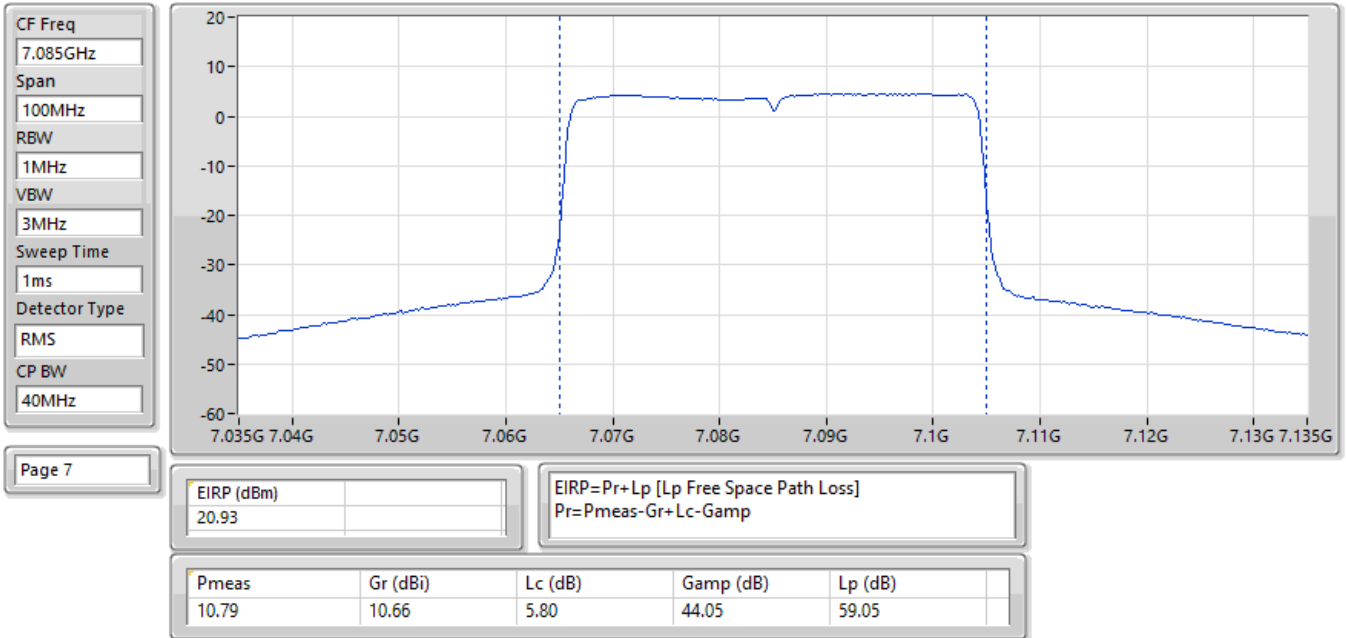


Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
18.05				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.84	10.62	5.80	44.03	59.06

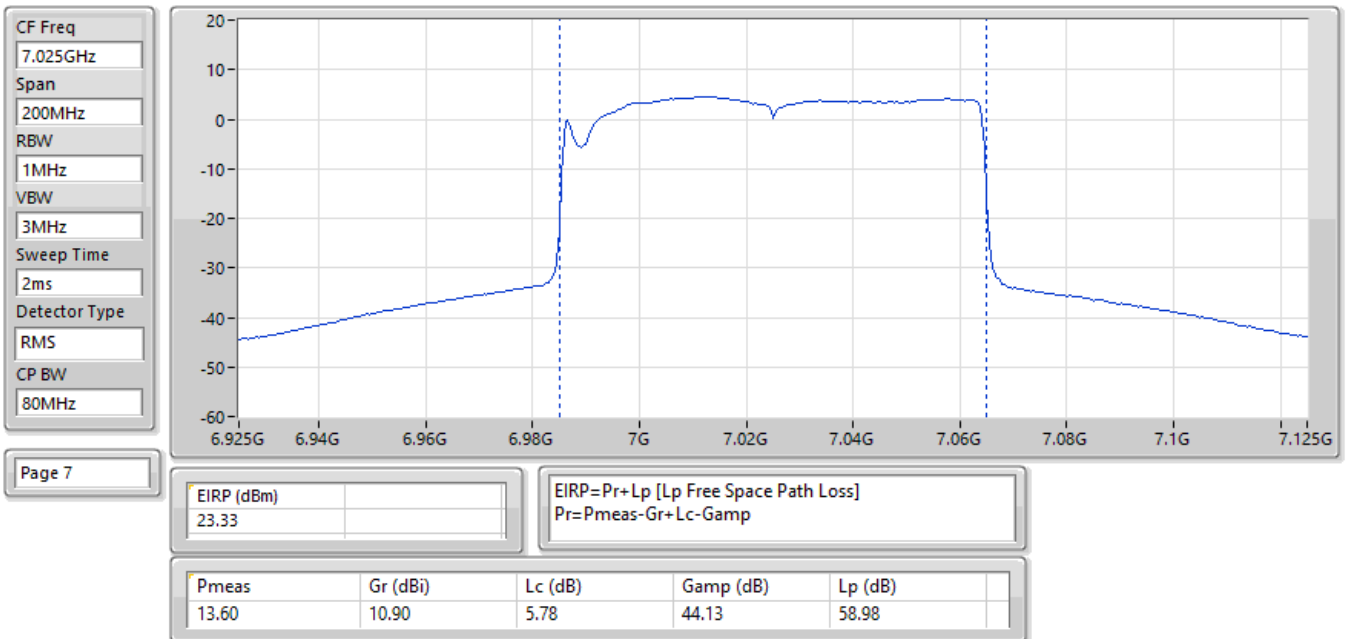
28/05/2024

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



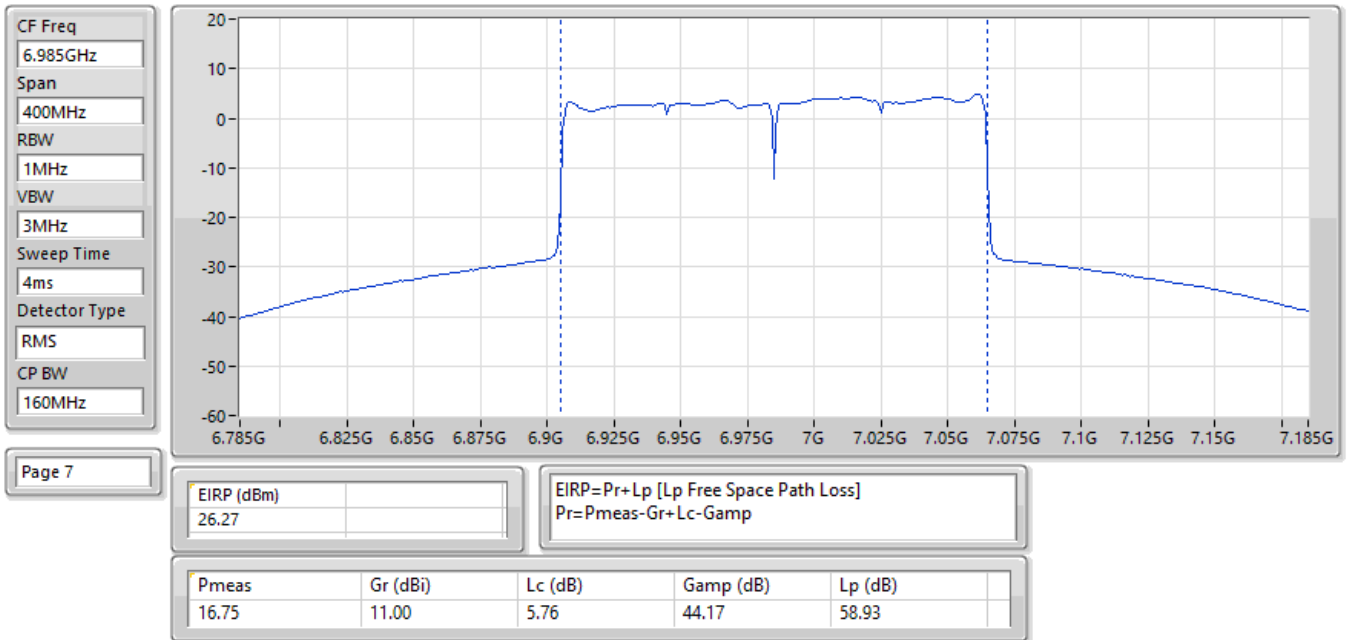
28/05/2024

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



28/05/2024

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





Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT20_Nss1,(MCS0)_4TX	4.88
802.11be EHT40_Nss1,(MCS0)_4TX	4.88
802.11be EHT80_Nss1,(MCS0)_4TX	4.99
802.11be EHT160_Nss1,(MCS0)_4TX	4.93
802.11be EHT320_Nss1,(MCS0)_4TX	4.88
6.425-6.525GHz	-
802.11be EHT20_Nss1,(MCS0)_4TX	4.99
802.11be EHT40_Nss1,(MCS0)_4TX	4.90
802.11be EHT80_Nss1,(MCS0)_4TX	4.92
802.11be EHT160_Nss1,(MCS0)_4TX	4.83
802.11be EHT320_Nss1,(MCS0)_4TX	4.99
6.525-6.875GHz	-
802.11be EHT20_Nss1,(MCS0)_4TX	4.91
802.11be EHT40_Nss1,(MCS0)_4TX	4.96
802.11be EHT80_Nss1,(MCS0)_4TX	4.90
802.11be EHT160_Nss1,(MCS0)_4TX	4.87
802.11be EHT320_Nss1,(MCS0)_4TX	4.88
6.875-7.125GHz	-
802.11be EHT20_Nss1,(MCS0)_4TX	4.94
802.11be EHT40_Nss1,(MCS0)_4TX	4.94
802.11be EHT80_Nss1,(MCS0)_4TX	4.81
802.11be EHT160_Nss1,(MCS0)_4TX	4.94
802.11be EHT320_Nss1,(MCS0)_4TX	4.75

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

Result

Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	4.88	5.00
6195MHz	Pass	4.87	5.00
6415MHz	Pass	4.81	5.00
6435MHz	Pass	4.98	5.00
6475MHz	Pass	4.84	5.00
6515MHz	Pass	4.99	5.00
6535MHz	Pass	4.75	5.00
6695MHz	Pass	4.76	5.00
6875MHz	Pass	4.91	5.00
6895MHz	Pass	4.79	5.00
6995MHz	Pass	4.94	5.00
7095MHz	Pass	4.76	5.00
7115MHz	Pass	0.91	5.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	4.86	5.00
6205MHz	Pass	4.78	5.00
6405MHz	Pass	4.88	5.00
6445MHz	Pass	4.71	5.00
6485MHz	Pass	4.90	5.00
6525MHz	Pass	4.76	5.00
6565MHz	Pass	4.94	5.00
6685MHz	Pass	4.65	5.00
6885MHz Straddle 6.525-6.875GHz	Pass	4.96	5.00
6925MHz	Pass	4.83	5.00
7005MHz	Pass	4.94	5.00
7085MHz	Pass	4.76	5.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	4.97	5.00
6225MHz	Pass	4.80	5.00
6385MHz	Pass	4.99	5.00
6465MHz	Pass	4.92	5.00
6545MHz	Pass	4.85	5.00
6625MHz	Pass	4.89	5.00
6705MHz	Pass	4.85	5.00
6785MHz	Pass	4.90	5.00
6865MHz	Pass	4.83	5.00
6945MHz	Pass	4.81	5.00
7025MHz	Pass	4.61	5.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	4.83	5.00
6185MHz	Pass	4.93	5.00
6345MHz	Pass	4.81	5.00
6505MHz	Pass	4.83	5.00
6665MHz	Pass	4.87	5.00
6825MHz	Pass	4.65	5.00



Radiated PSD_Non-Beamforming_Full RU

Appendix C.1

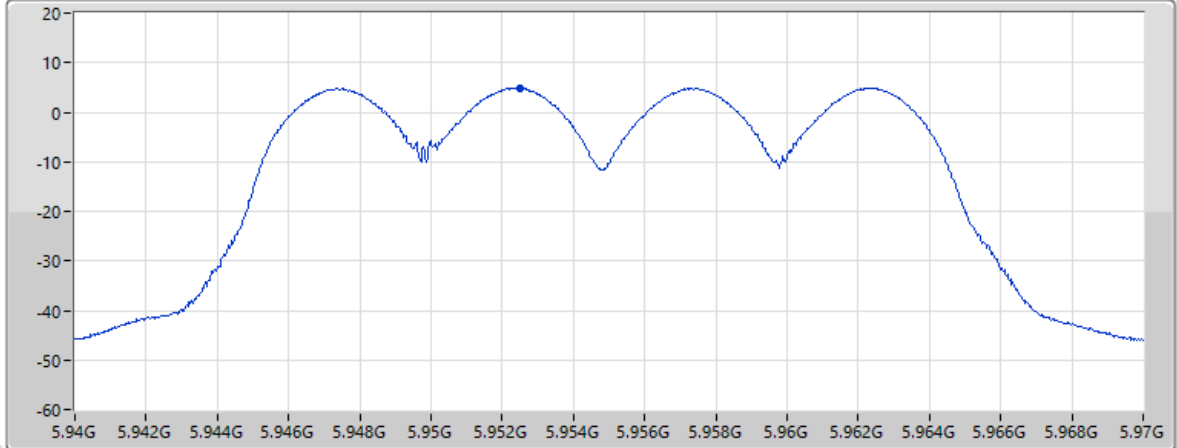
Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
6985MHz	Pass	4.94	5.00
802.11be EHT320_Nss1,(MCS0)_4TX	-	-	-
6105MHz	Pass	4.66	5.00
6265MHz	Pass	4.88	5.00
6425MHz	Pass	4.75	5.00
6585MHz	Pass	4.99	5.00
6745MHz	Pass	4.88	5.00
6905MHz	Pass	4.75	5.00

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

11/05/2024

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

CF Freq
5.955GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



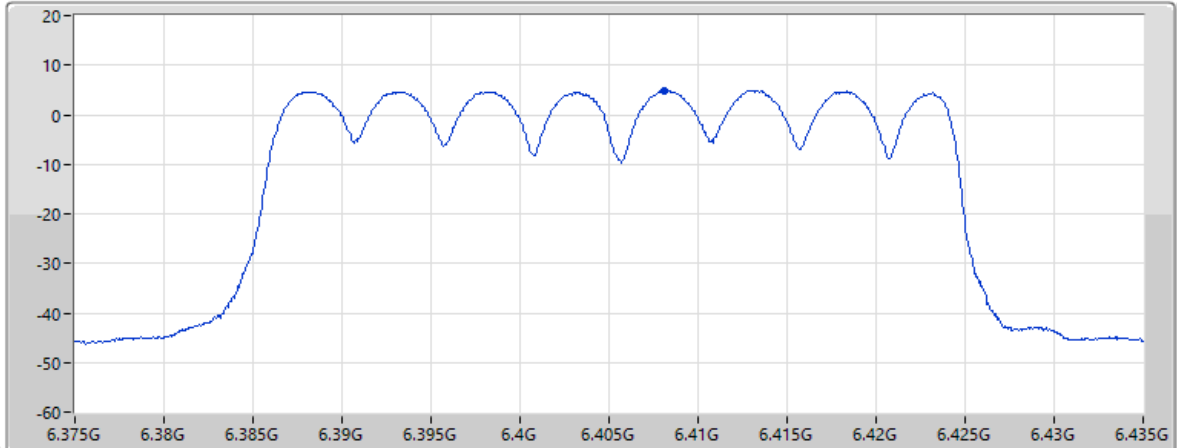
Page 5

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)
-2.49	11.10	5.10	44.17	57.54

16/05/2025

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

CF Freq
6.405GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
40MHz



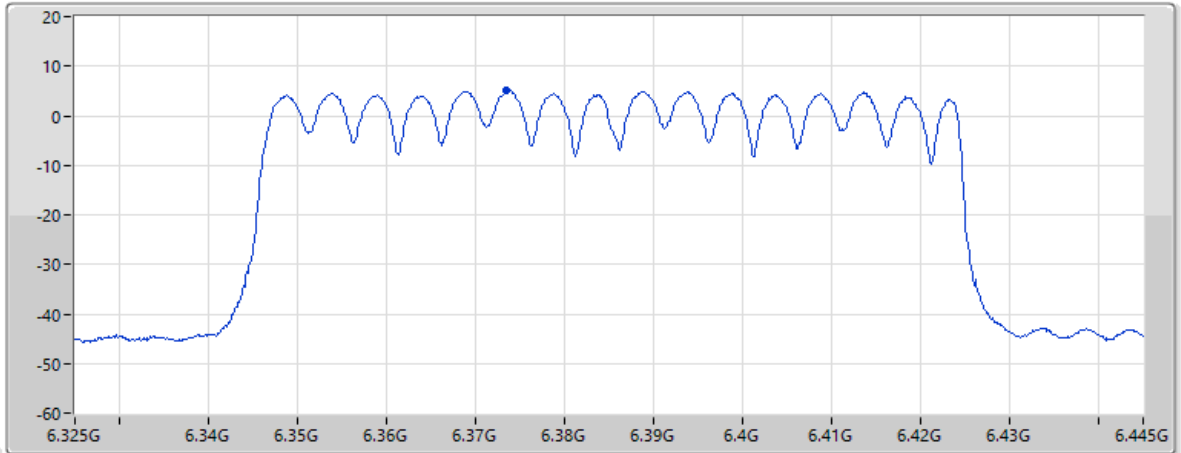
Page 5

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)
-11.57	11.28	6.69	37.14	58.18

16/05/2025

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

CF Freq
6.385GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.2ms
Detector Type
RMS
CP BW
80MHz



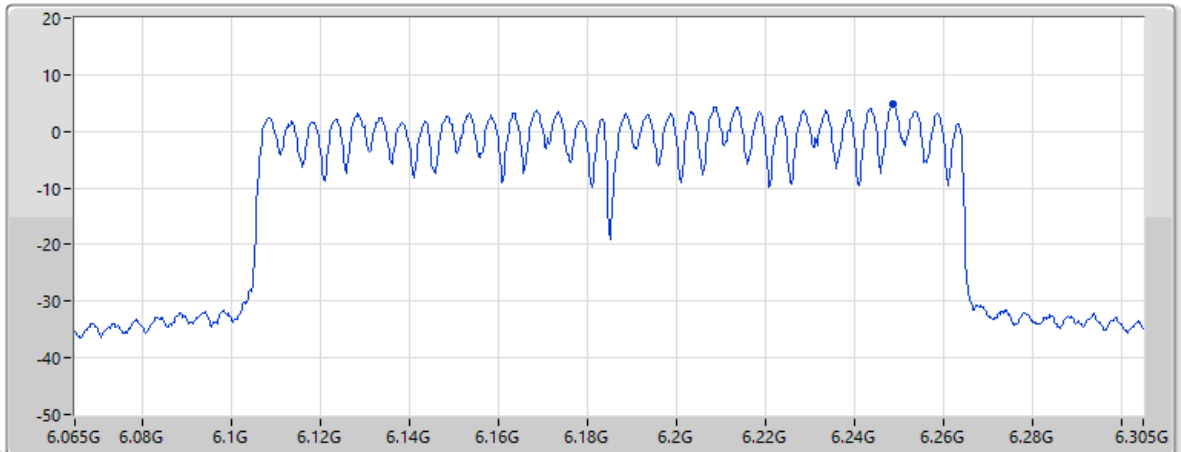
Page 5

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)
-11.24	11.41	6.65	37.14	58.13

11/05/2024

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

CF Freq
6.185GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
160MHz



Page 5

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
4.93				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.86	11.30	5.29	44.16	57.96

11/05/2024

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

CF Freq
6.265GHz

Span
480MHz

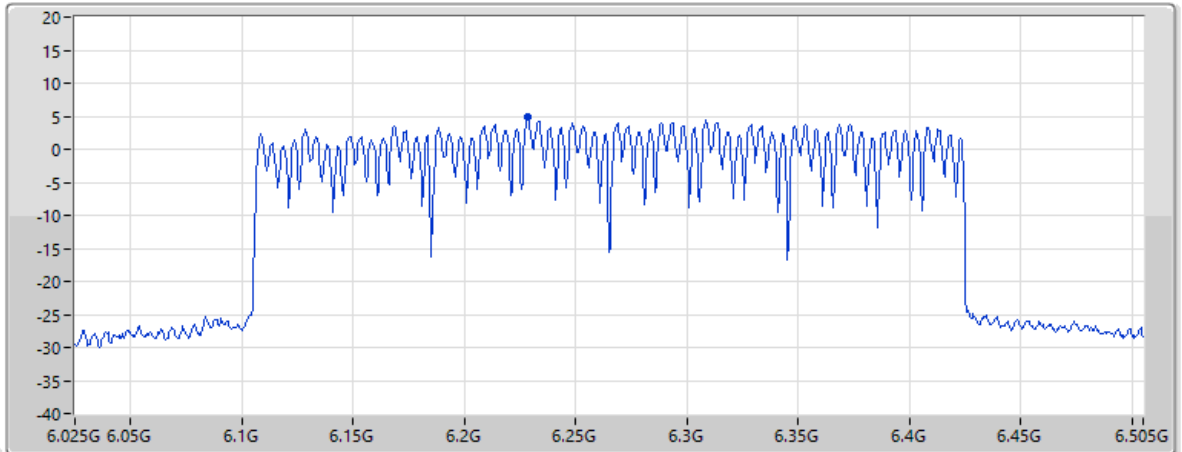
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
320MHz



Page 5

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)
-2.76	11.39	5.26	44.16	57.93

11/05/2024

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

CF Freq
6.515GHz

Span
30MHz

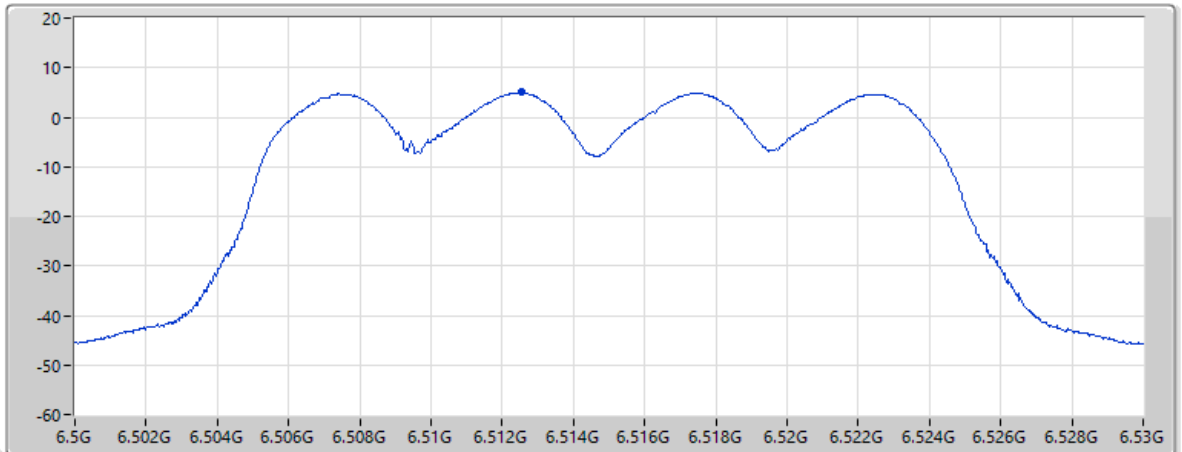
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
20MHz



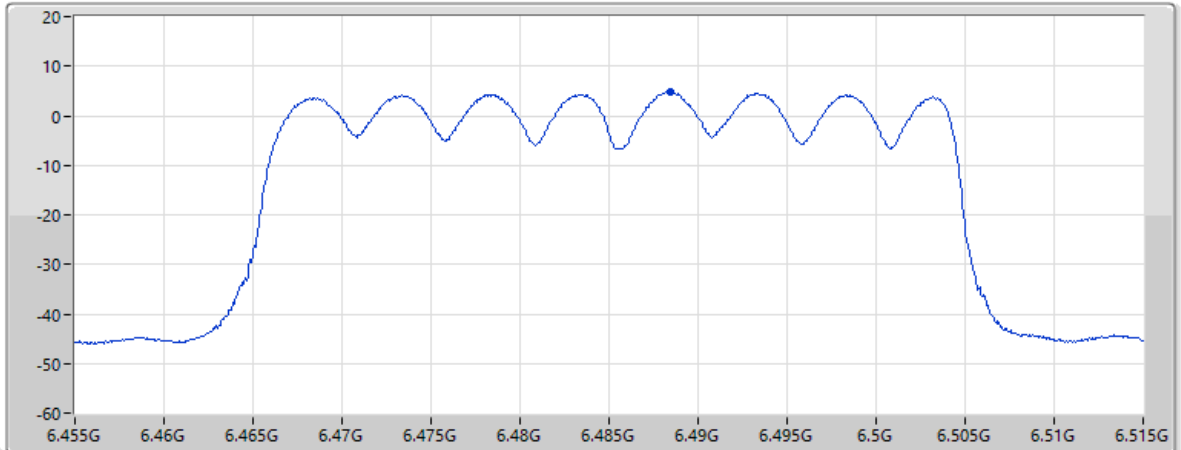
Page 5

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)
-3.81	10.85	5.46	44.13	58.32

16/05/2025

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

CF Freq
6.485GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
40MHz



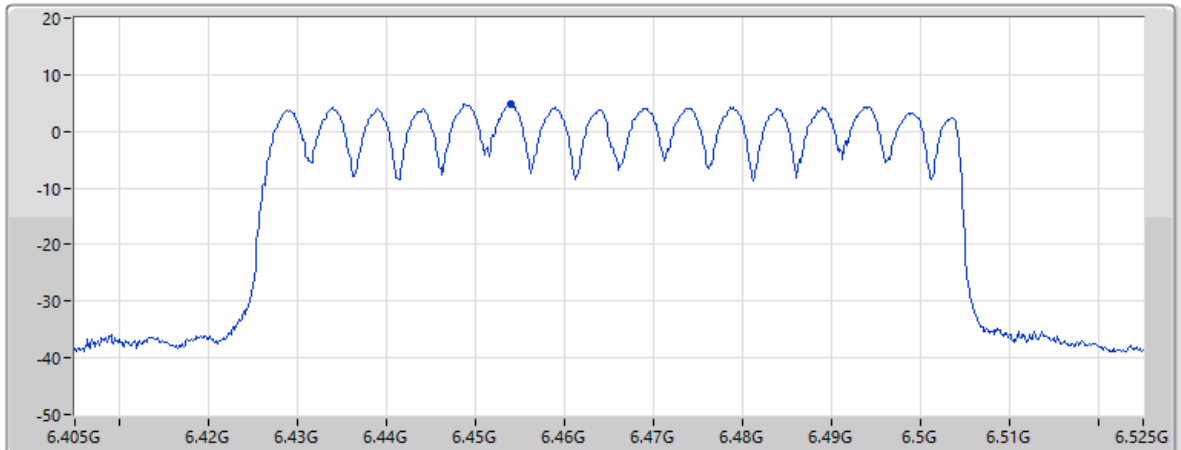
Page 5

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)
-11.96	11.05	6.75	37.13	58.29

11/05/2024

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

CF Freq
6.465GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
80MHz



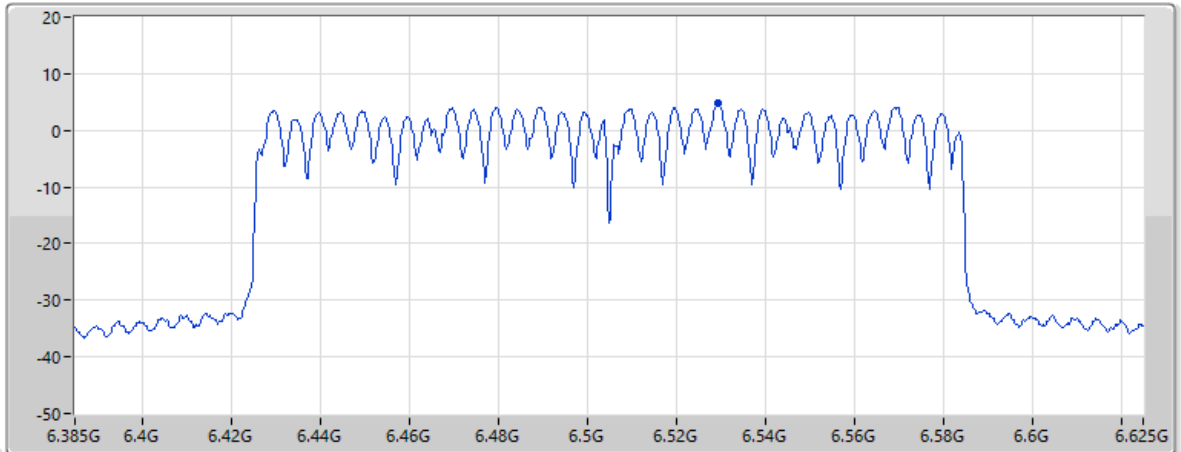
Page 5

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
4.92				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-3.48	11.18	5.47	44.13	58.24

11/05/2024

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

CF Freq
6.505GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
160MHz



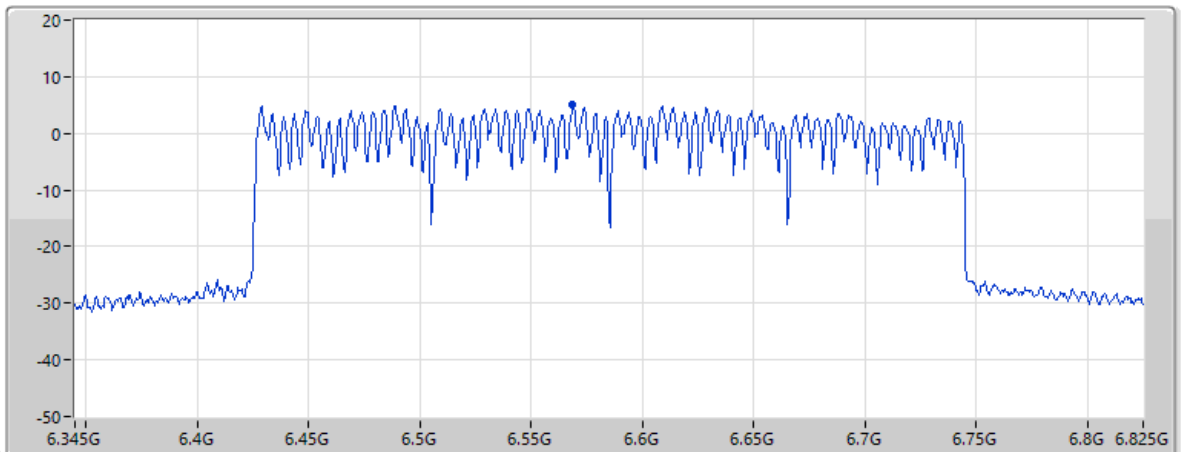
Page 5

EIRP PSD (dBm)	4.83	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-4.06	10.78	5.46	44.13	58.34

11/05/2024

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

CF Freq
6.585GHz
Span
480MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
320MHz



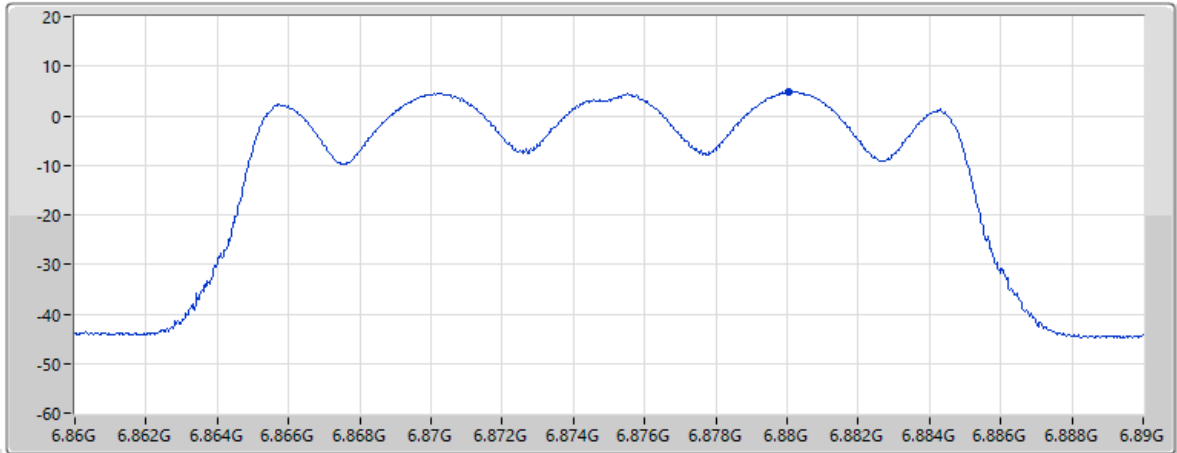
Page 5

EIRP PSD (dBm)	4.99	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-4.14	10.59	5.46	44.13	58.39

19/05/2025

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

CF Freq
6.875GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
20MHz



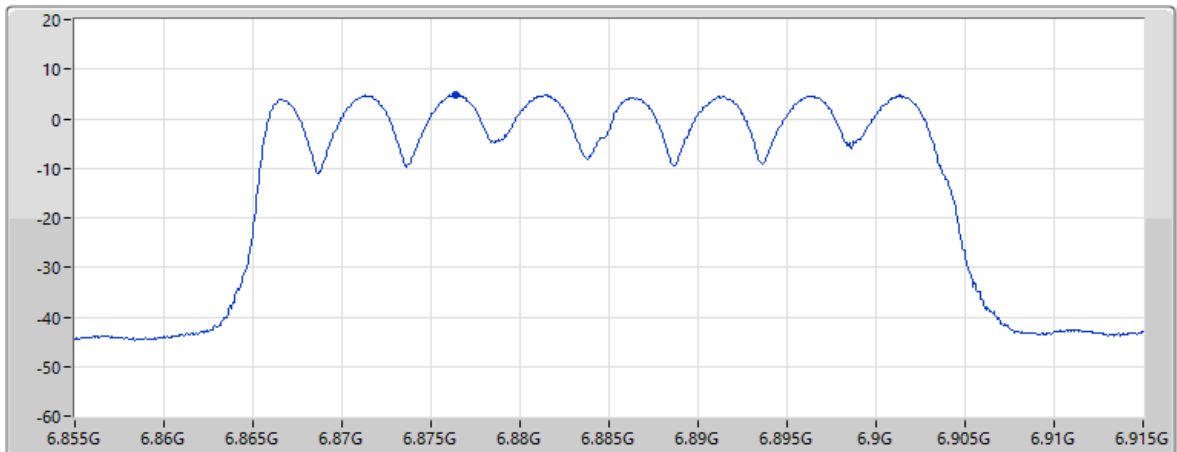
Page 5

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
4.91				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-13.29	10.80	7.27	37.06	58.79

16/05/2025

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

CF Freq
6.885GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
40MHz



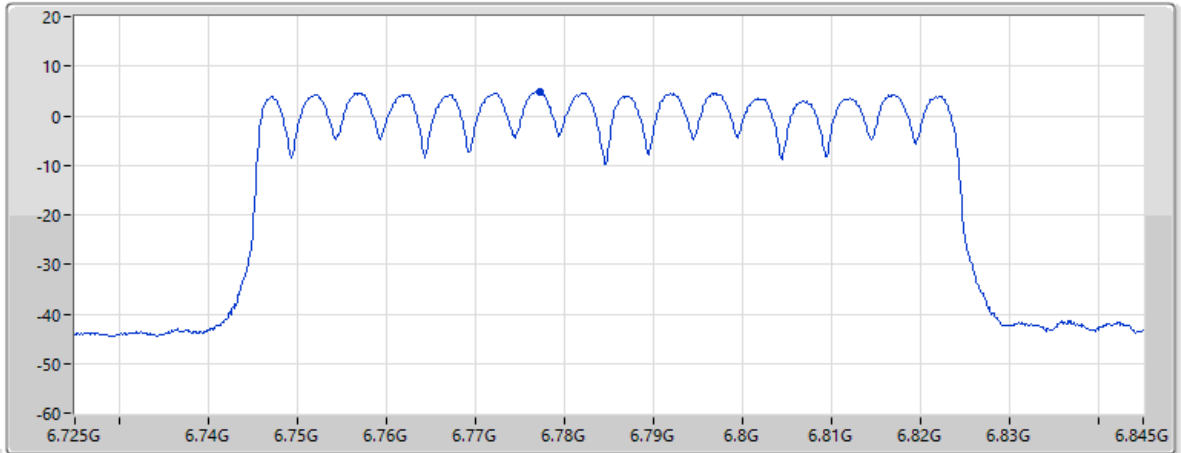
Page 5

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)
-13.21	10.80	7.24	37.06	58.79

16/05/2025

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

CF Freq
6.785GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.2ms
Detector Type
RMS
CP BW
80MHz



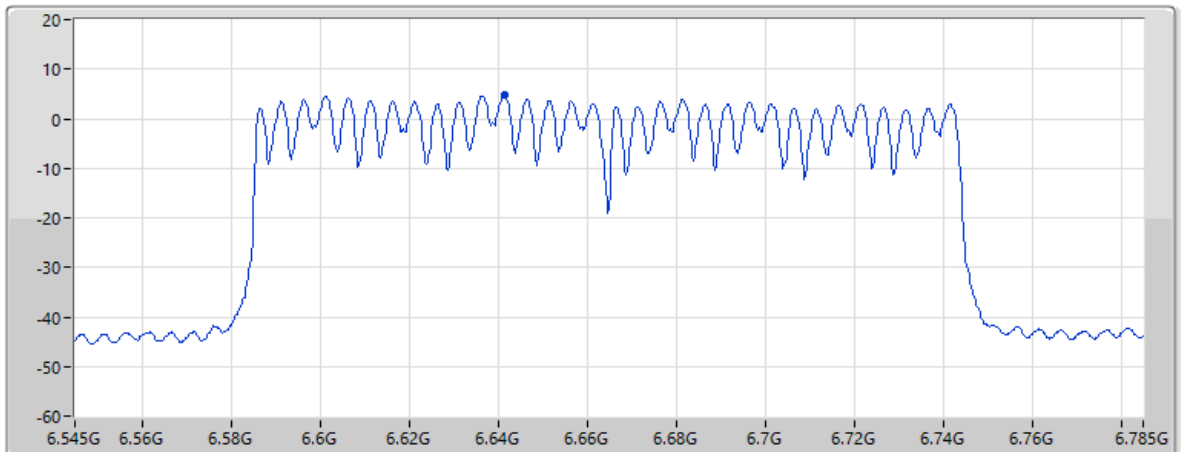
Page 5

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)
-12.79	10.60	6.71	37.08	58.66

16/05/2025

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

CF Freq
6.665GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2.4ms
Detector Type
RMS
CP BW
160MHz



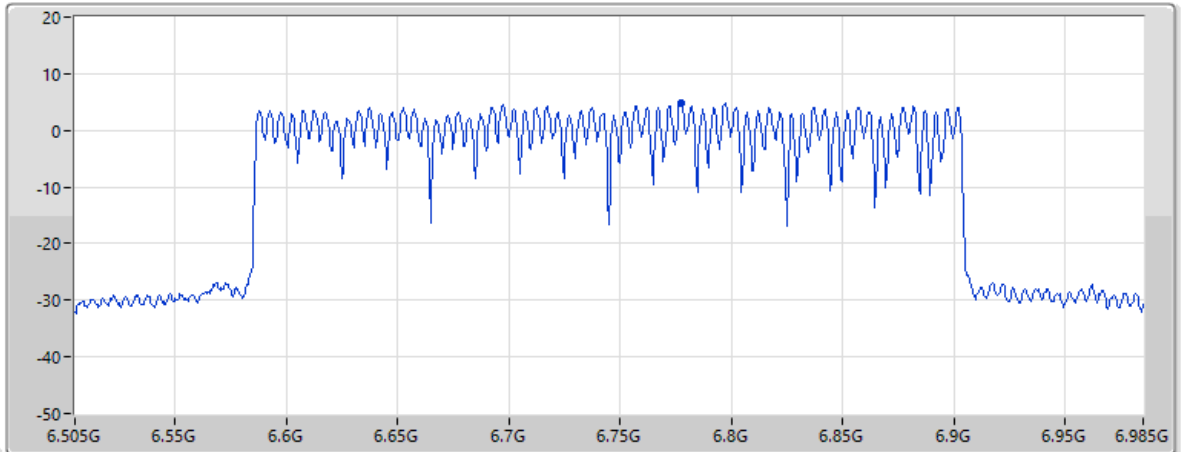
Page 5

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)
-12.82	10.50	6.80	37.10	58.49

11/05/2024

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

CF Freq
6.745GHz
Span
480MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
320MHz



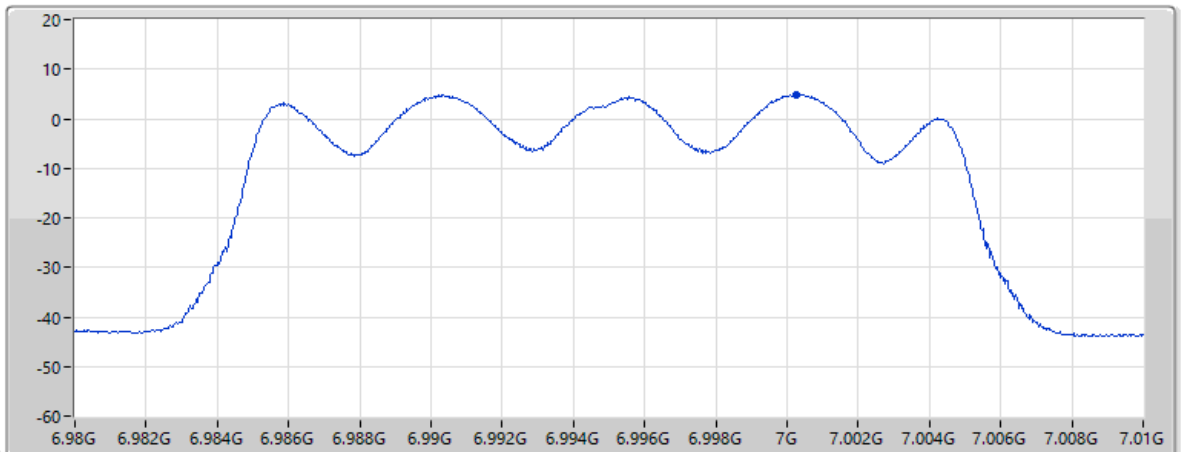
Page 5

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
4.88		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-4.83	10.45	5.61	44.11	58.66

19/05/2025

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

CF Freq
6.995GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
20MHz



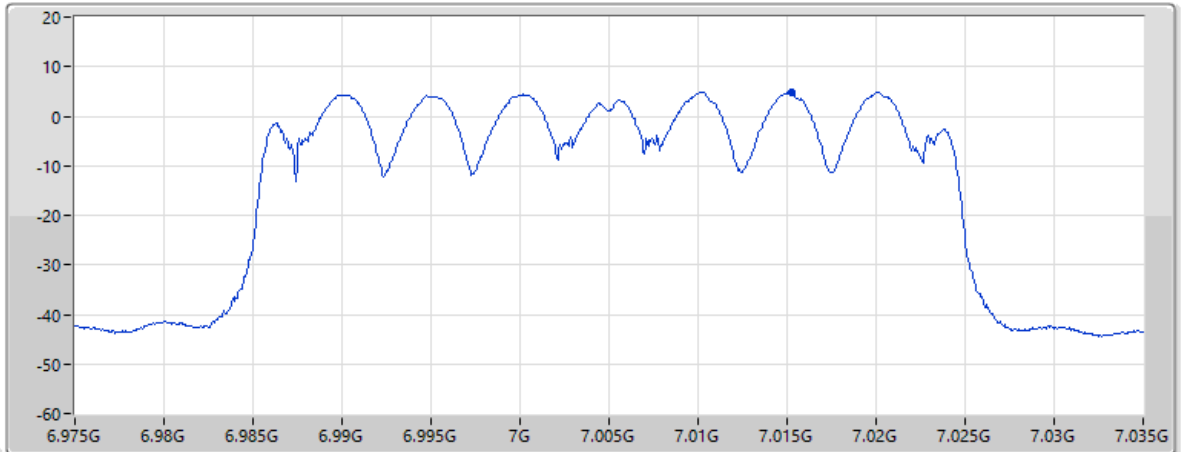
Page 5

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)
-14.08	11.00	8.12	37.04	58.94

11/05/2024

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

CF Freq
7.005GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
40MHz



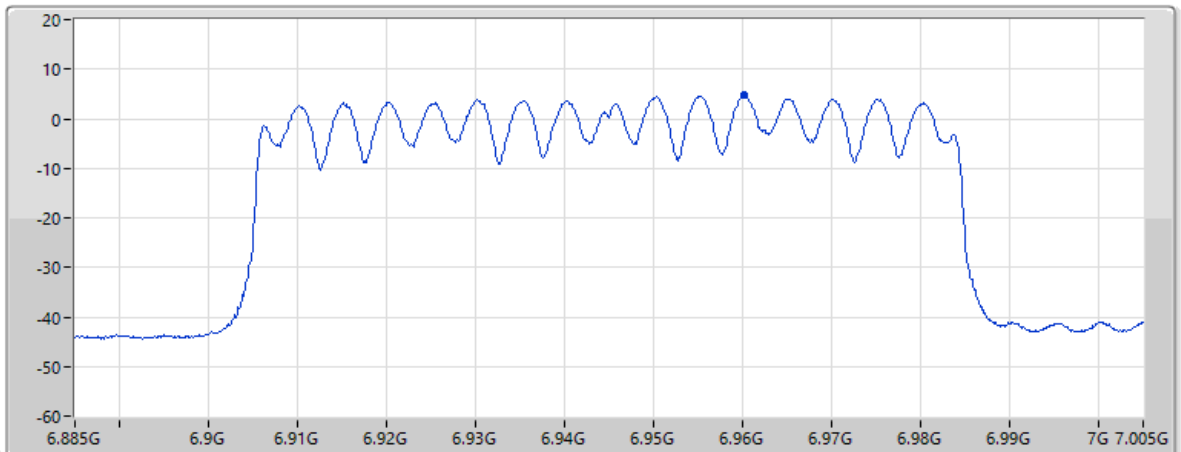
Page 5

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
4.94				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-4.77	10.94	5.78	44.09	58.96

16/05/2025

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

CF Freq
6.945GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.2ms
Detector Type
RMS
CP BW
80MHz

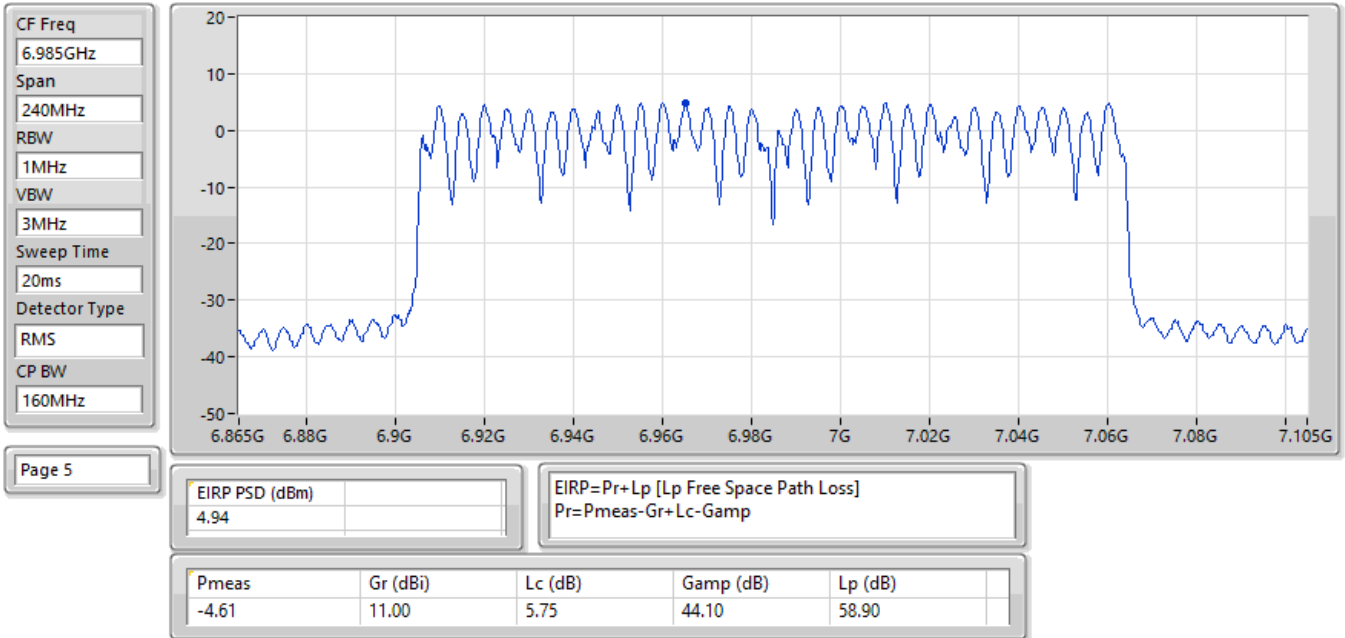


Page 5

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
4.81				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-13.95	10.92	7.84	37.05	58.89

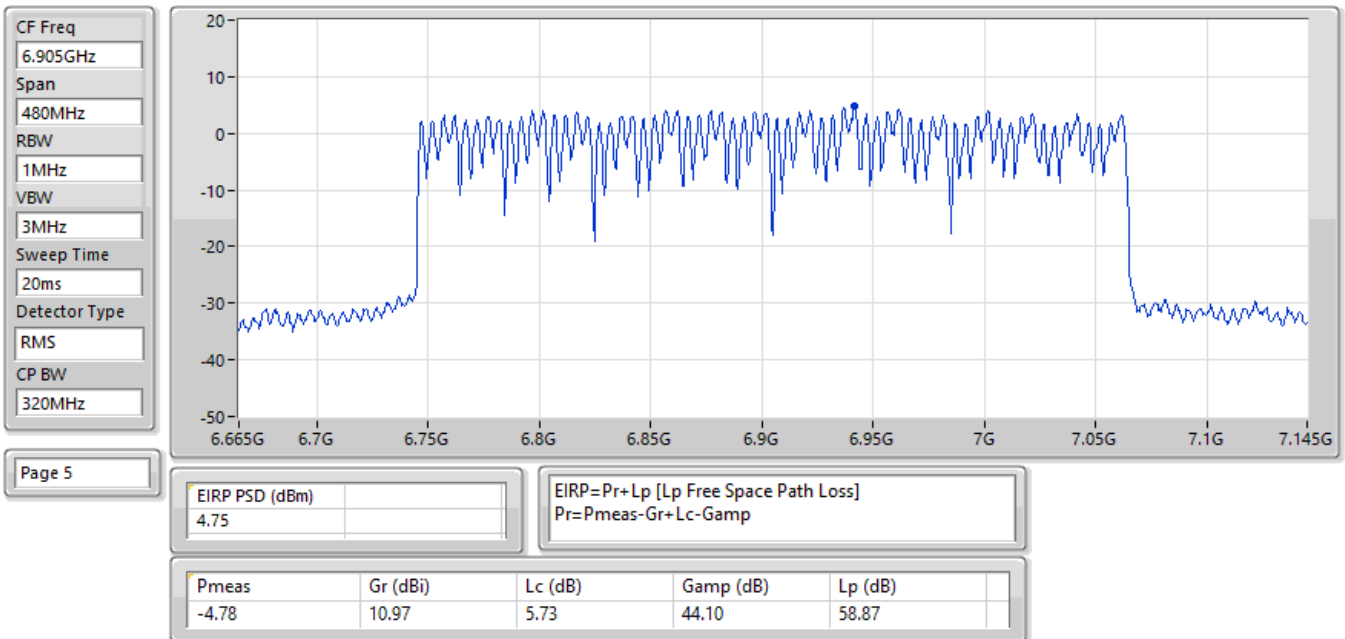
11/05/2024

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



11/05/2024

EIRP PSD;Band:7.0G;be320;BWch:320MHz;Nss:1,(M0);Nant:4;Ch:6905MHz;TX



**Summary**

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	3.94
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 3_4TX	4.92
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_4TX	4.93
6.525-6.875GHz	-
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 9_4TX	2.83
6.875-7.125GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	4.33
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	3.69

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 EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-
5985MHz	Pass	3.94	5.00
7025MHz	Pass	4.33	5.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 6_4TX	-	-	-
6025MHz	Pass	4.42	5.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 3_4TX	-	-	-
6025MHz	Pass	4.92	5.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_4TX	-	-	-
6985MHz	Pass	3.64	5.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-	-	-
6985MHz	Pass	3.69	5.00
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 8_4TX	-	-	-
6105MHz	Pass	4.88	5.00
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_4TX	-	-	-
6105MHz	Pass	4.93	5.00
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 5_4TX	-	-	-
6105MHz	Pass	4.83	5.00
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 4_4TX	-	-	-
6905MHz	Pass	1.43	5.00
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 3_4TX	-	-	-
6905MHz	Pass	-0.11	5.00
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 9_4TX	-	-	-
6905MHz	Pass	2.83	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.

20/06/2025

EIRP PSD;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 MRU 3;Nant:4;Ch:5985MHz;TX

CF Freq
5.985GHz

Span
120MHz

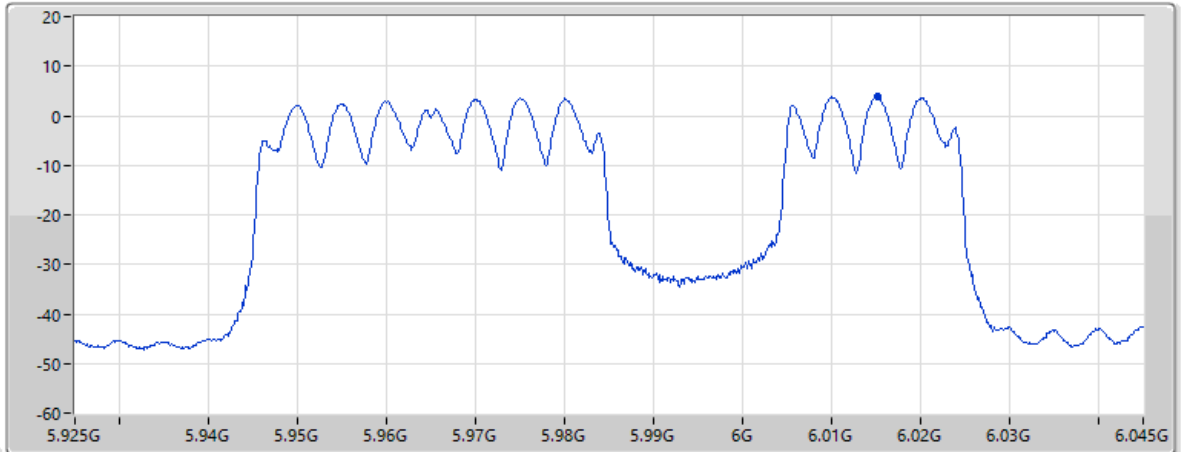
RBW
1MHz

VBW
3MHz

Sweep Time
1.2ms

Detector Type
RMS

CP BW
80MHz



Page 5

EIRP PSD (dBm)
3.94

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.47	11.40	6.34	37.16	57.63

20/06/2025

EIRP PSD;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484 MRU 3;Nant:4;Ch:6025MHz;TX

CF Freq
6.025GHz

Span
240MHz

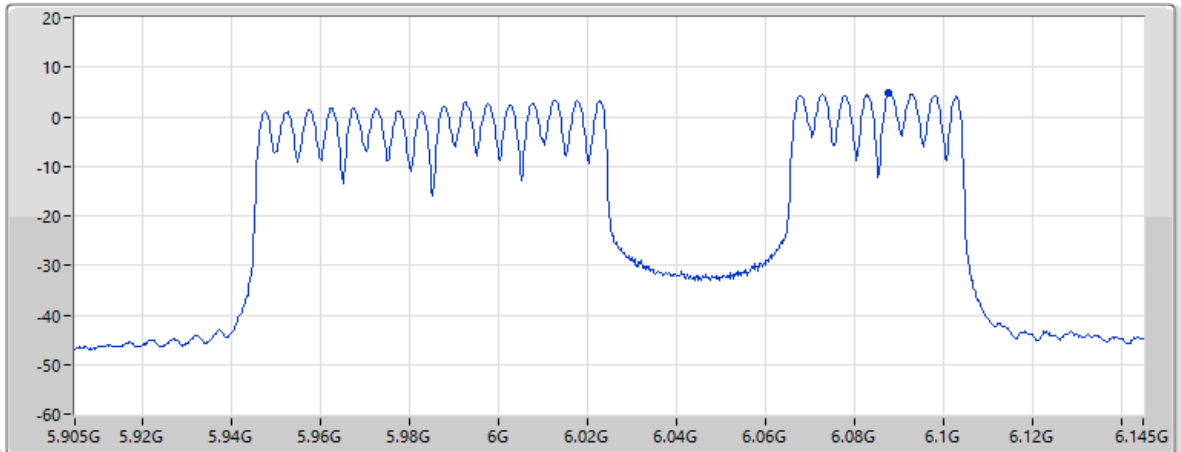
RBW
1MHz

VBW
3MHz

Sweep Time
2.4ms

Detector Type
RMS

CP BW
160MHz



Page 5

EIRP PSD (dBm)
4.92

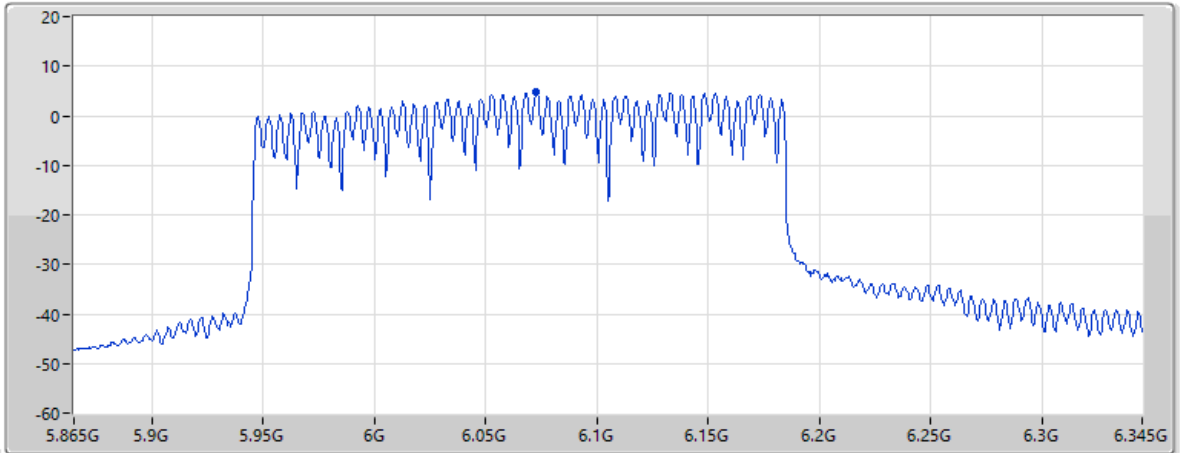
EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-10.49	11.55	6.38	37.15	57.73

20/06/2025

EIRP PSD;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0),3xRU996 MRU 4;Nant:4;Ch:6105MHz;TX

CF Freq
6.105GHz
Span
480MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.8ms
Detector Type
RMS
CP BW
320MHz



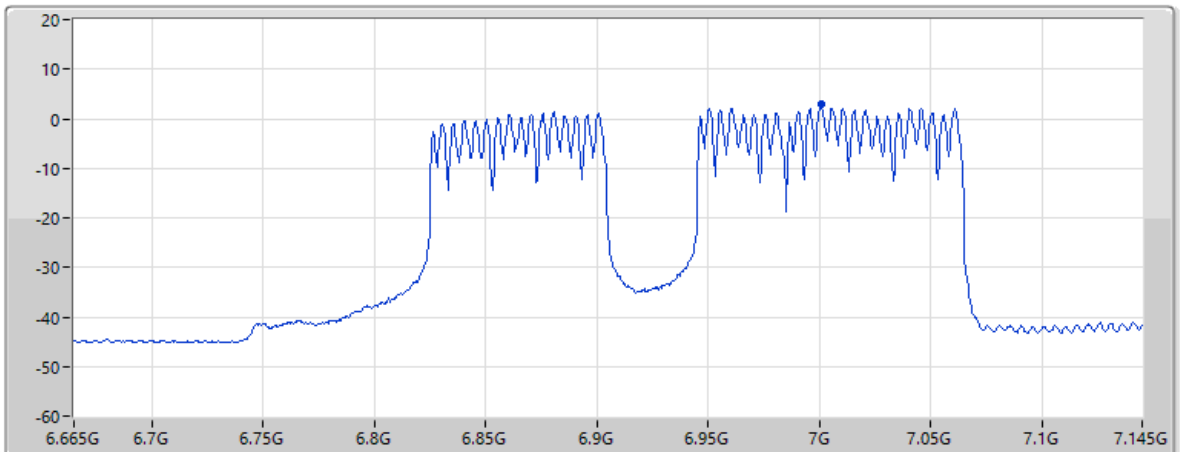
Page 5

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)
-10.50	11.49	6.37	37.16	57.71

20/06/2025

EIRP PSD;Band:6.7G;be320;BWch:320MHz;Nss:1,(M0),2xRU996+RU484 MRU 9;Nant:4;Ch:6905MHz;TX

CF Freq
6.905GHz
Span
480MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.8ms
Detector Type
RMS
CP BW
320MHz



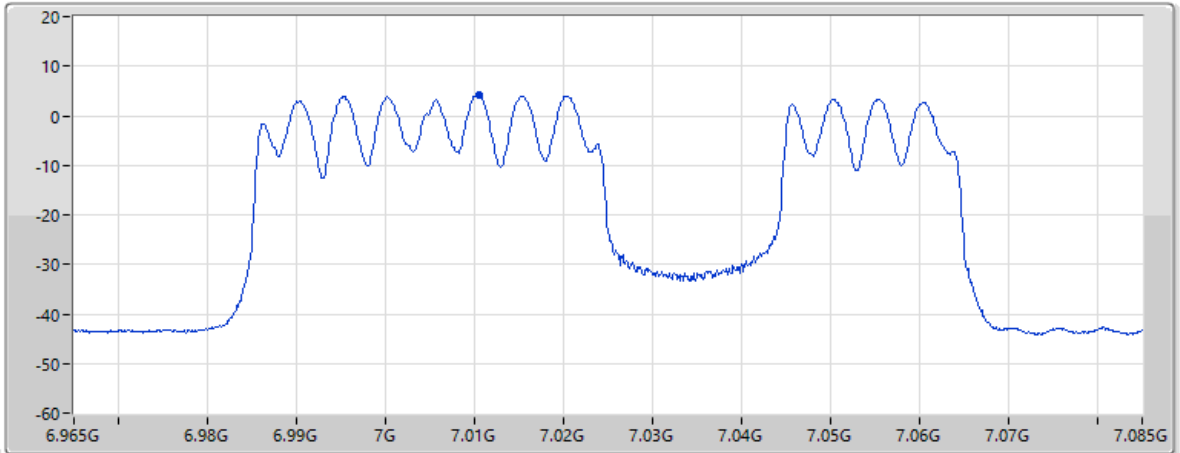
Page 5

EIRP PSD (dBm)	2.83	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-16.20	11.00	8.12	37.04	58.95

20/06/2025

EIRP PSD;Band:7.0G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 MRU 3;Nant:4;Ch:7025MHz;TX

CF Freq
7.025GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.2ms
Detector Type
RMS
CP BW
80MHz



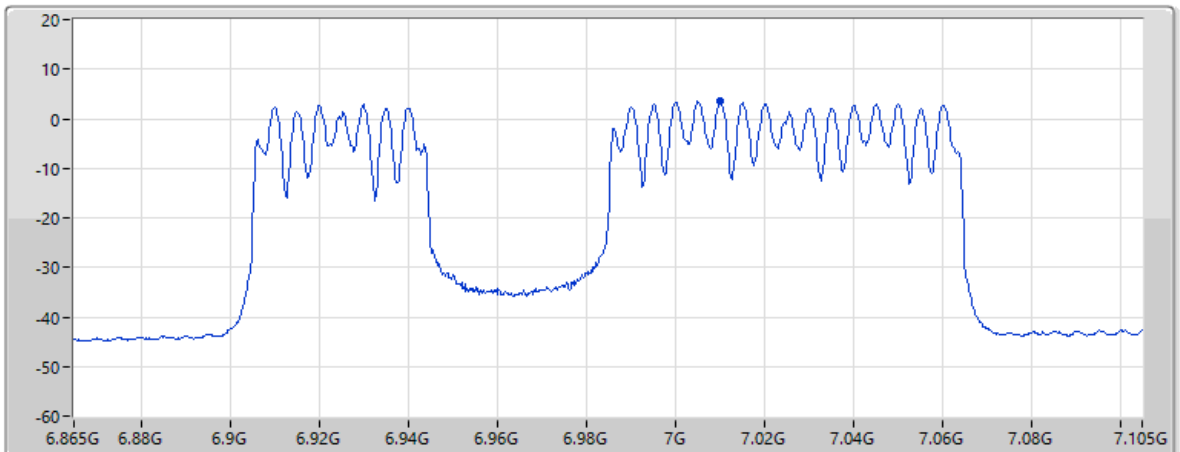
Page 5

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)
-14.72	10.96	8.09	37.04	58.96

20/06/2025

EIRP PSD;Band:7.0G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484 MRU 2;Nant:4;Ch:6985MHz;TX

CF Freq
6.985GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2.4ms
Detector Type
RMS
CP BW
160MHz



Page 5

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
3.69				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-15.37	10.96	8.10	37.04	58.96



Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	4.98
802.11be EHT40-BF_Nss1,(MCS0)_4TX	4.84
802.11be EHT80-BF_Nss1,(MCS0)_4TX	4.82
802.11be EHT160-BF_Nss1,(MCS0)_4TX	4.77
802.11be EHT320-BF_Nss1,(MCS0)_4TX	4.90
6.425-6.525GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	4.85
802.11be EHT40-BF_Nss1,(MCS0)_4TX	4.99
802.11be EHT80-BF_Nss1,(MCS0)_4TX	4.86
802.11be EHT160-BF_Nss1,(MCS0)_4TX	4.76
802.11be EHT320-BF_Nss1,(MCS0)_4TX	4.44
6.525-6.875GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	4.75
802.11be EHT40-BF_Nss1,(MCS0)_4TX	4.89
802.11be EHT80-BF_Nss1,(MCS0)_4TX	4.98
802.11be EHT160-BF_Nss1,(MCS0)_4TX	4.76
802.11be EHT320-BF_Nss1,(MCS0)_4TX	4.96
6.875-7.125GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	4.85
802.11be EHT40-BF_Nss1,(MCS0)_4TX	4.86
802.11be EHT80-BF_Nss1,(MCS0)_4TX	4.91
802.11be EHT160-BF_Nss1,(MCS0)_4TX	4.73

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)_4TX	-	-	-
5955MHz	Pass	4.97	5.00
6195MHz	Pass	4.98	5.00
6415MHz	Pass	4.66	5.00
6435MHz	Pass	4.13	5.00
6475MHz	Pass	4.85	5.00
6515MHz	Pass	4.72	5.00
6535MHz	Pass	4.72	5.00
6695MHz	Pass	4.15	5.00
6875MHz	Pass	4.75	5.00
6895MHz	Pass	4.73	5.00
6995MHz	Pass	4.85	5.00
7095MHz	Pass	4.66	5.00
7115MHz	Pass	-0.34	5.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	3.95	5.00
6205MHz	Pass	4.20	5.00
6405MHz	Pass	4.84	5.00
6445MHz	Pass	4.99	5.00
6485MHz	Pass	4.67	5.00
6525MHz	Pass	4.10	5.00
6565MHz	Pass	4.80	5.00
6685MHz	Pass	4.89	5.00
6885MHz	Pass	4.38	5.00
6925MHz	Pass	4.86	5.00
7005MHz	Pass	4.84	5.00
7085MHz	Pass	4.71	5.00
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	4.49	5.00
6225MHz	Pass	4.82	5.00
6385MHz	Pass	4.80	5.00
6465MHz	Pass	4.86	5.00
6545MHz	Pass	4.49	5.00
6625MHz	Pass	4.98	5.00
6705MHz	Pass	4.94	5.00
6785MHz	Pass	4.74	5.00
6865MHz	Pass	4.89	5.00
6945MHz	Pass	4.91	5.00
7025MHz	Pass	4.43	5.00
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	4.77	5.00
6185MHz	Pass	4.62	5.00
6345MHz	Pass	4.66	5.00
6505MHz	Pass	4.76	5.00
6665MHz	Pass	4.70	5.00
6825MHz	Pass	4.76	5.00



Radiated PSD_Beamforming

Appendix C.3

6985MHz	Pass	4.73	5.00
802.11be EHT320-BF_Nss1,(MCS0)_4TX	-	-	-
6105MHz	Pass	4.90	5.00
6265MHz	Pass	4.63	5.00
6425MHz	Pass	4.86	5.00
6585MHz	Pass	4.44	5.00
6745MHz	Pass	4.96	5.00
6905MHz	Pass	4.70	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.

28/05/2024

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

CF Freq
6.195GHz

Span
30MHz

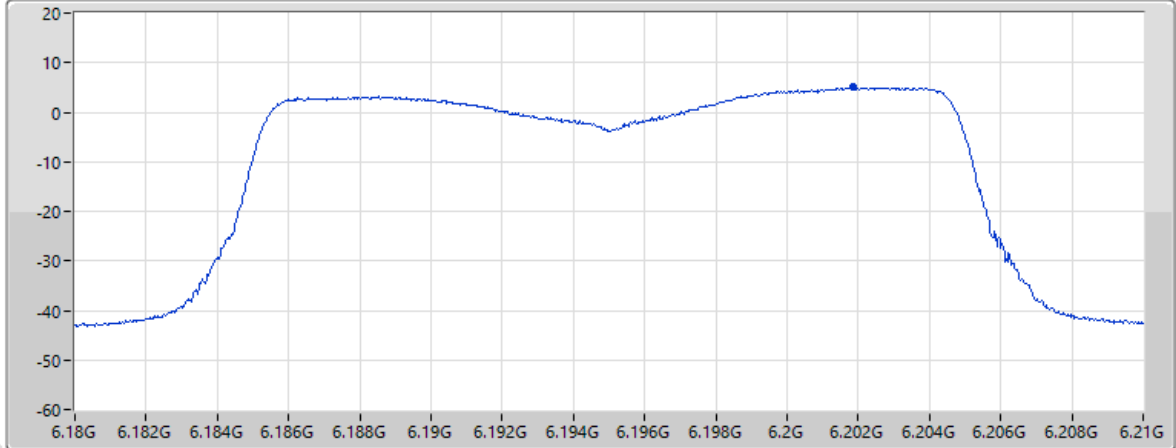
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
20MHz



Page 5

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
4.98				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.33	11.49	5.23	44.32	57.89

03/06/2025

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

CF Freq
6.195GHz

Span
30MHz

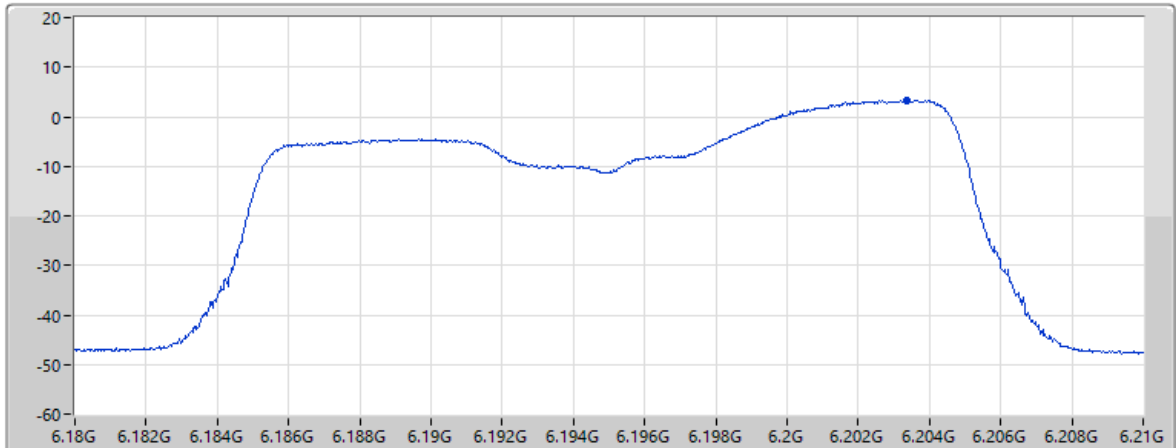
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
20MHz

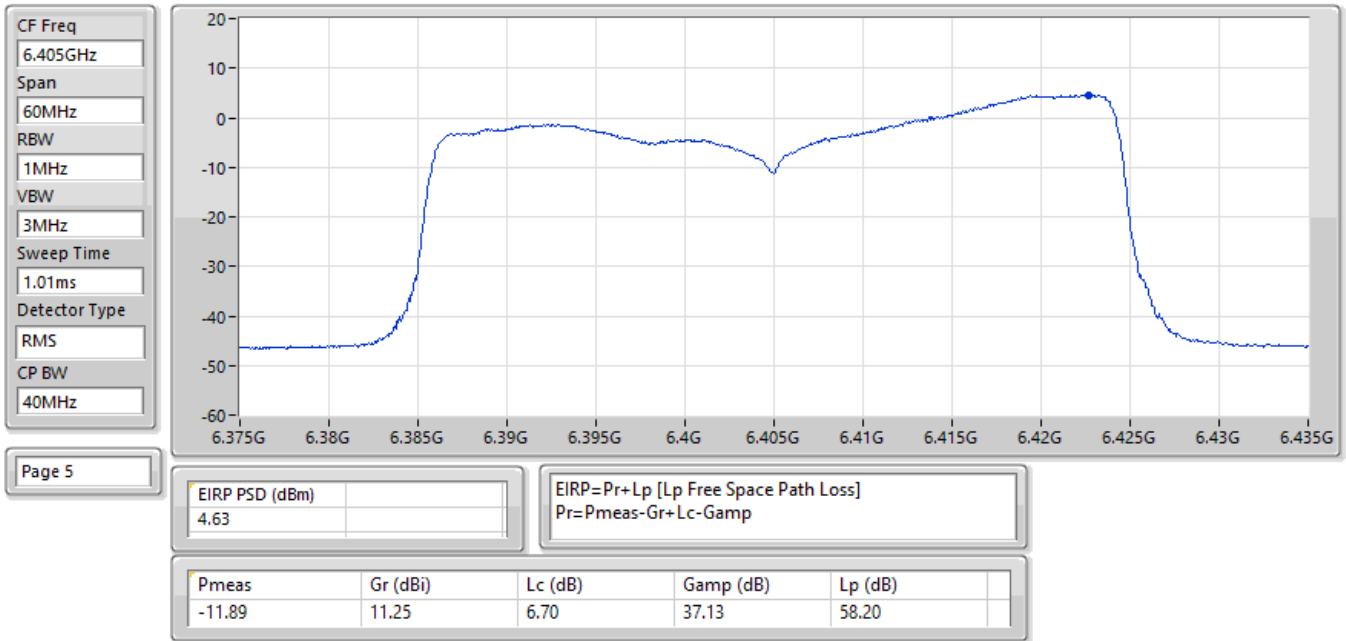


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EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
3.31				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-12.38	11.50	6.45	37.15	57.89

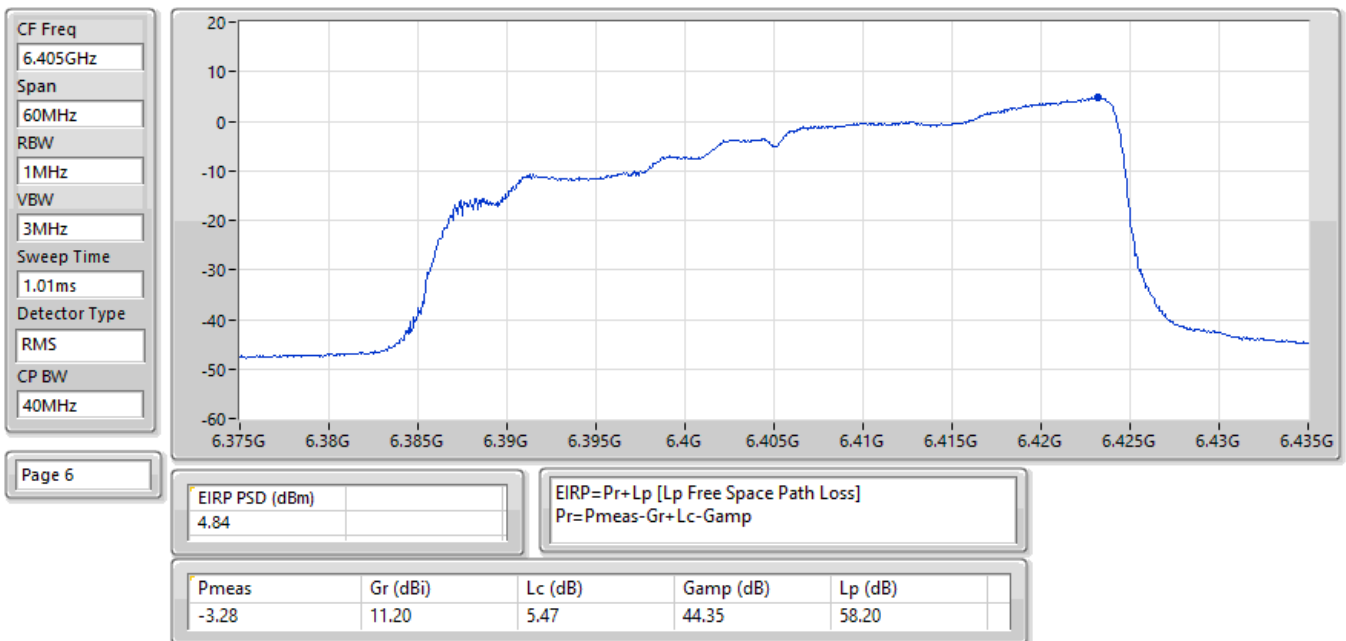
03/06/2025

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



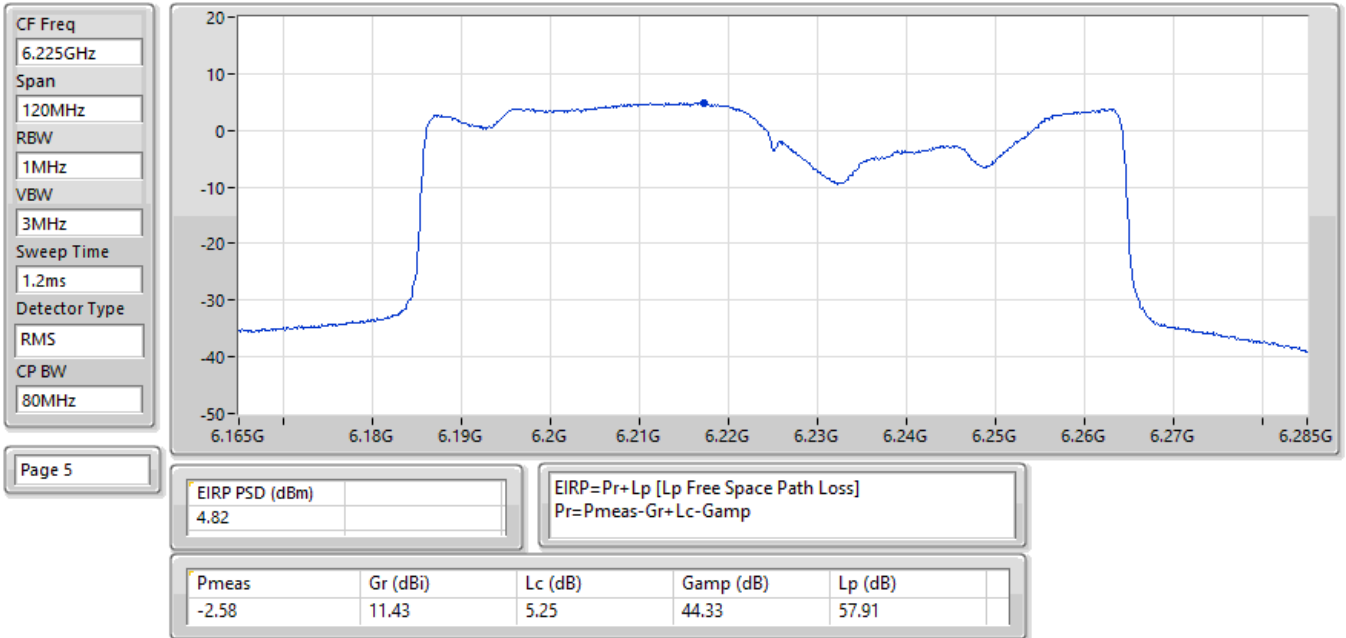
28/05/2024

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



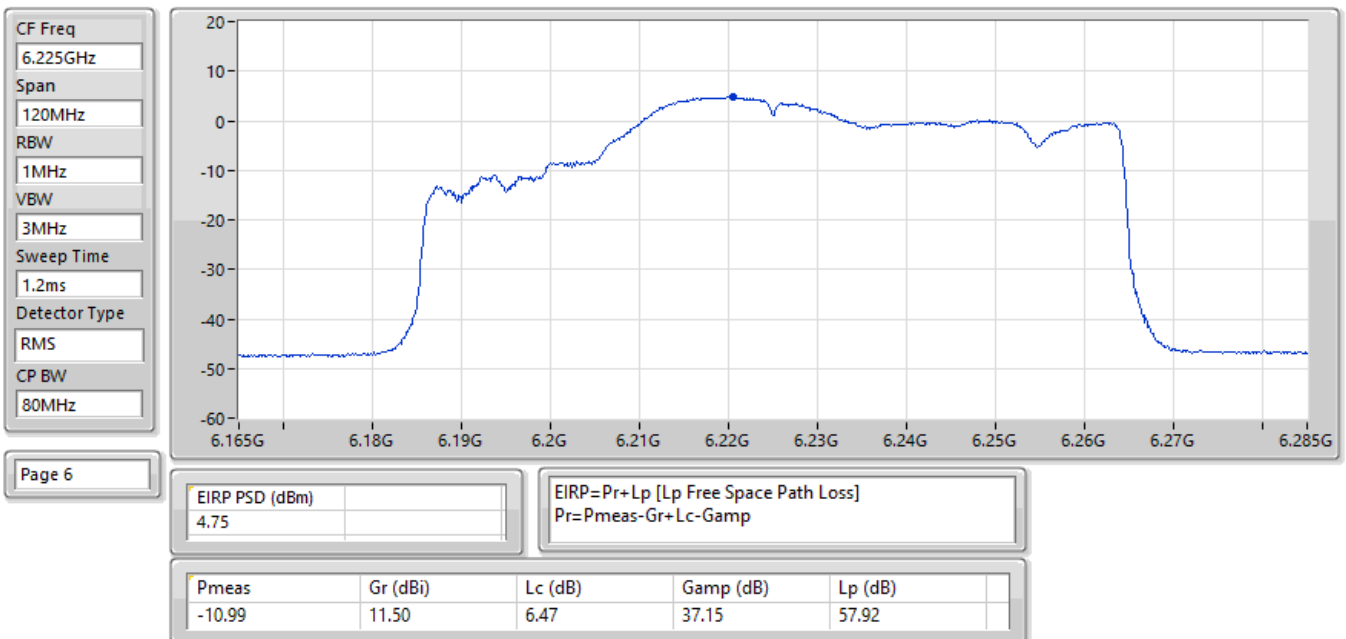
28/05/2024

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



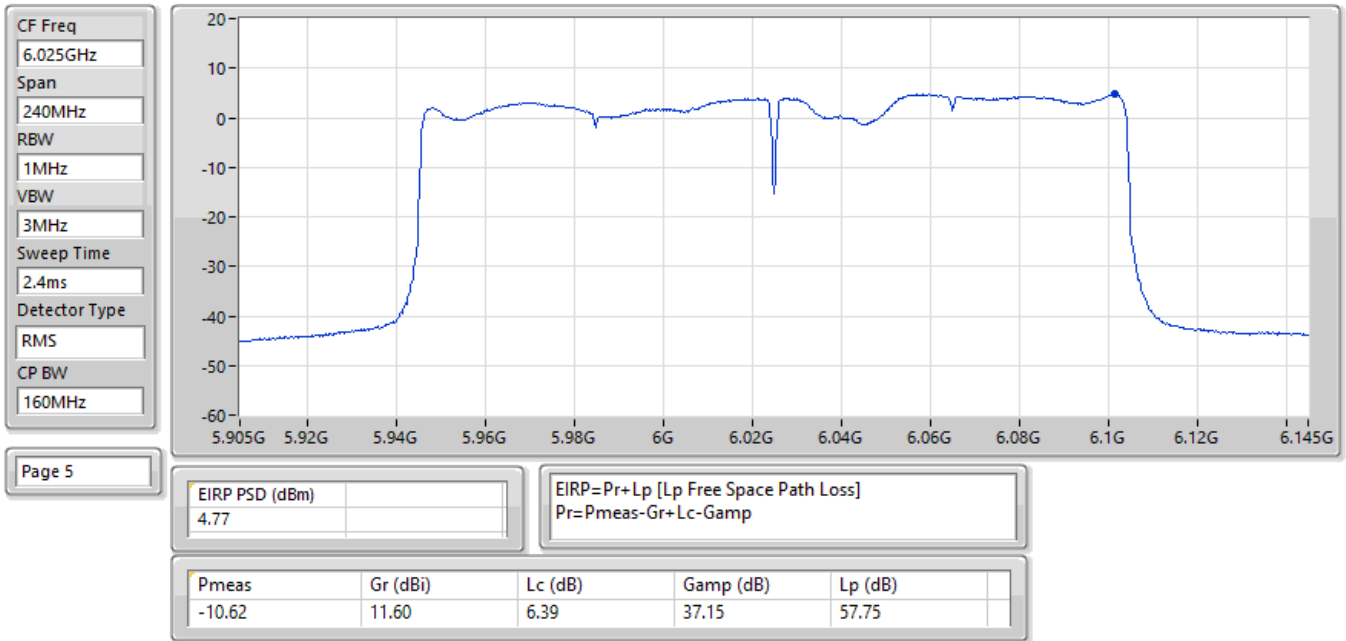
04/06/2025

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



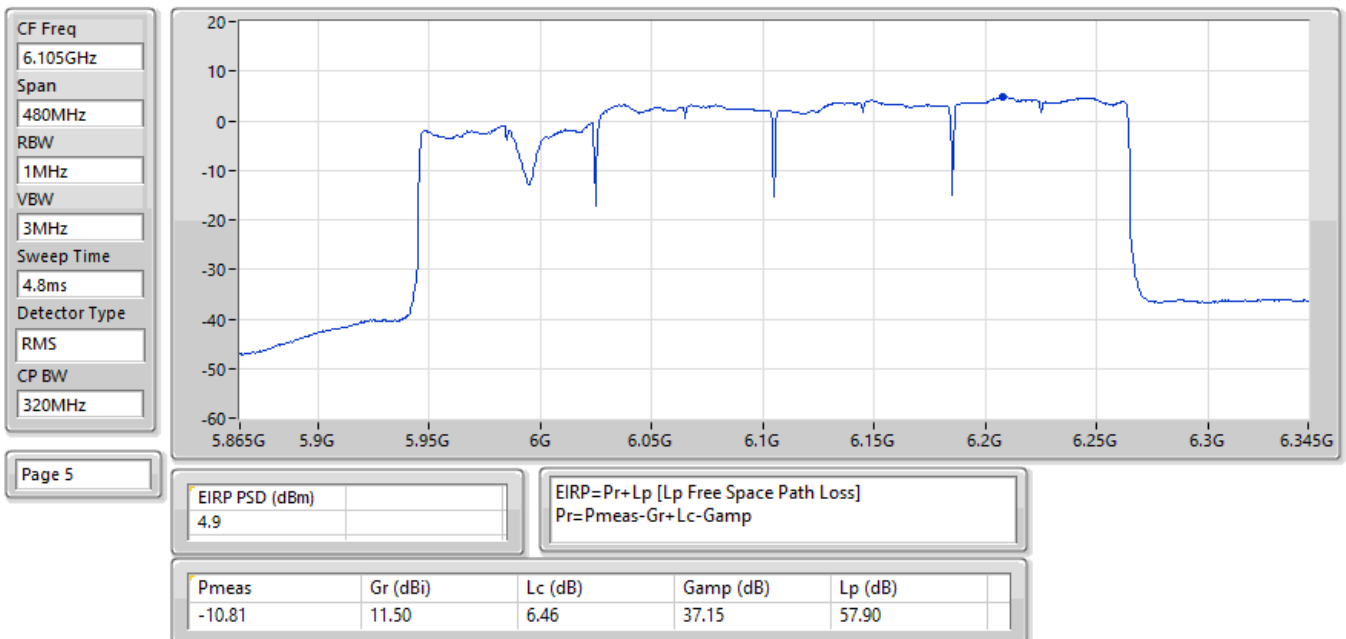
05/06/2025

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



05/06/2025

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



03/06/2025

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

CF Freq
6.475GHz

Span
30MHz

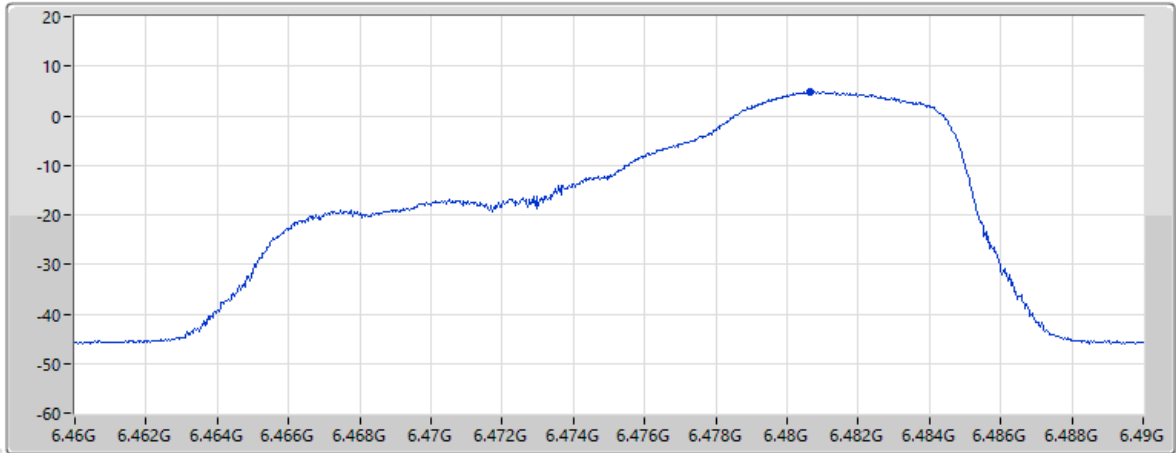
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
20MHz



Page 5

EIRP PSD (dBm)	4.85	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.95	11.08	6.74	37.13	58.27

28/05/2024

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

CF Freq
6.475GHz

Span
30MHz

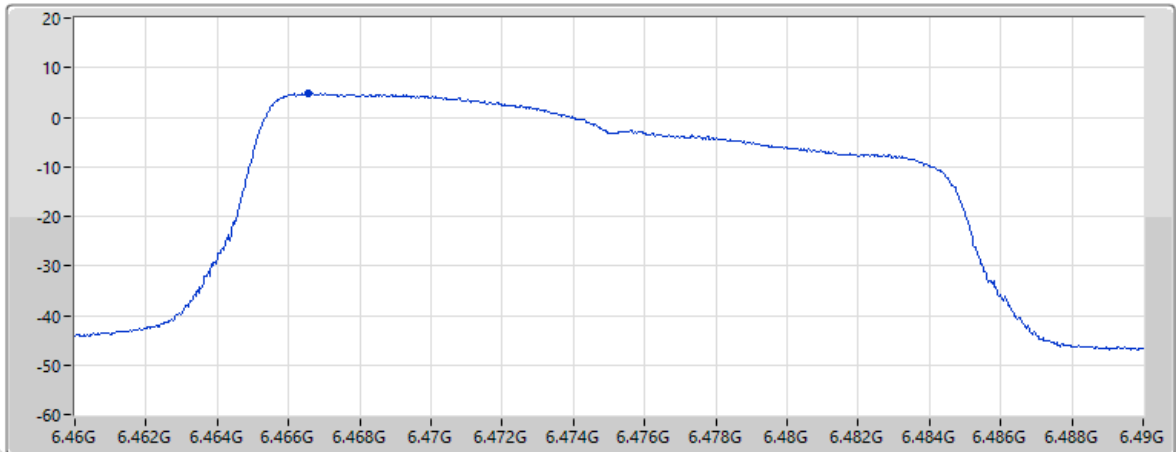
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
20MHz

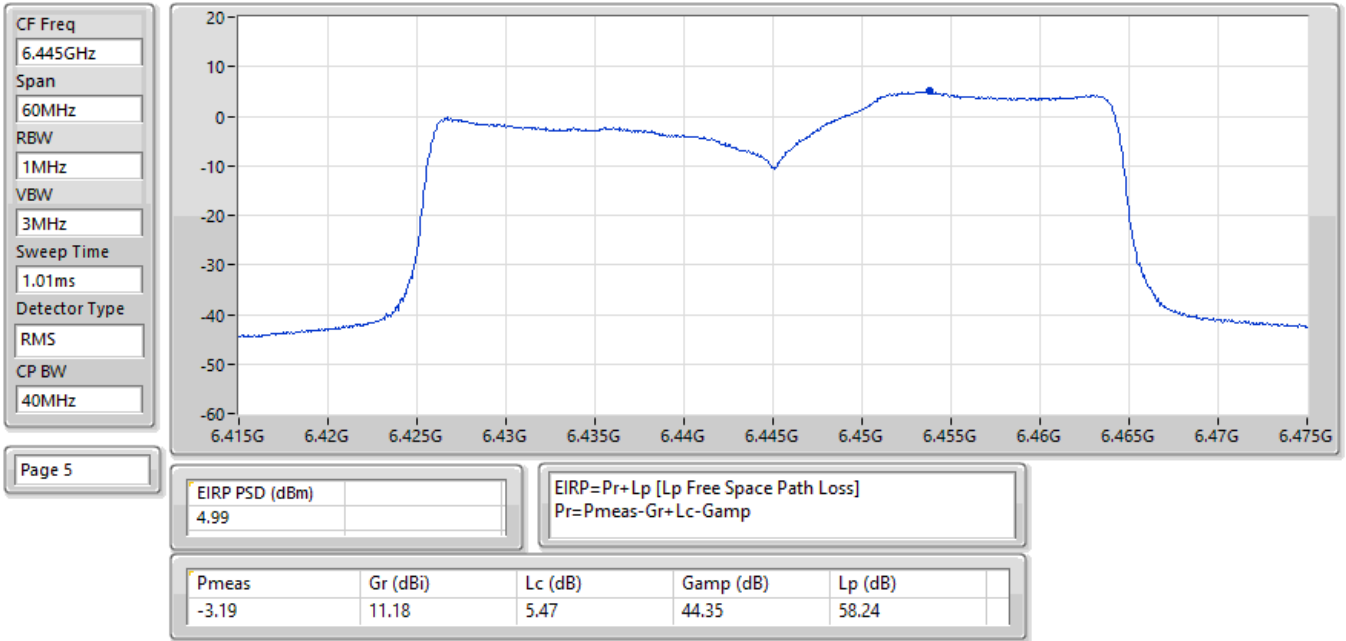


Page 6

EIRP PSD (dBm)	4.85	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-3.42	11.10	5.47	44.36	58.26

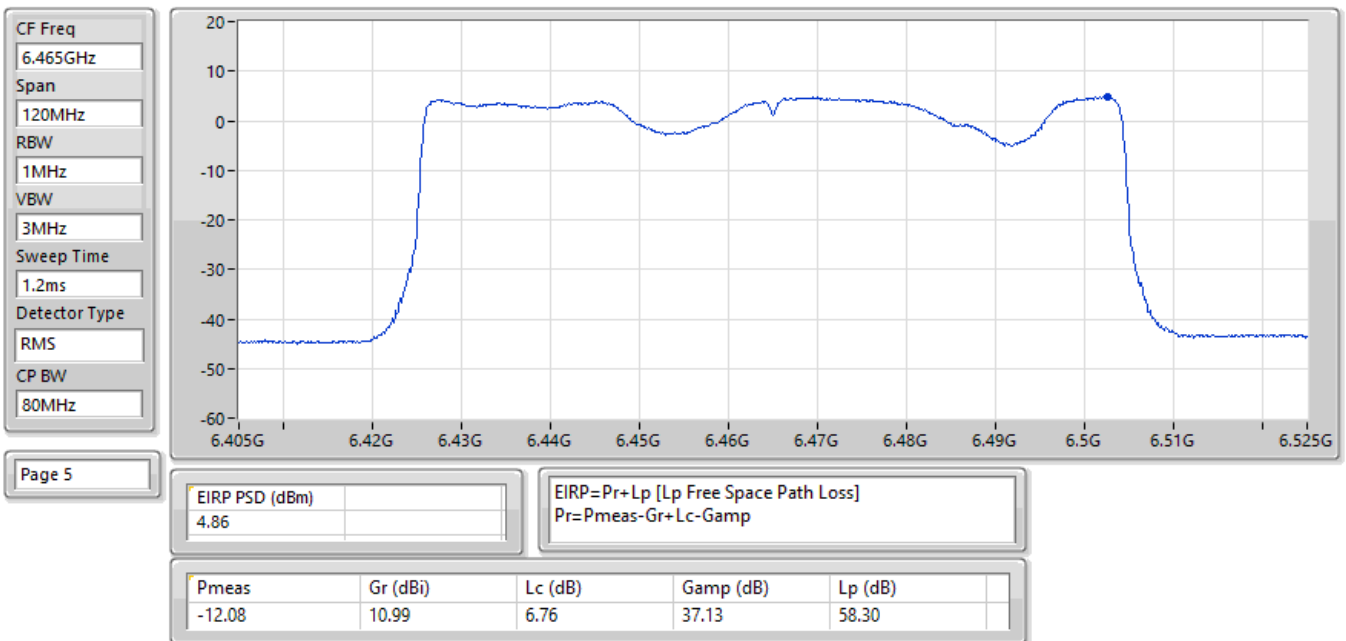
28/05/2024

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



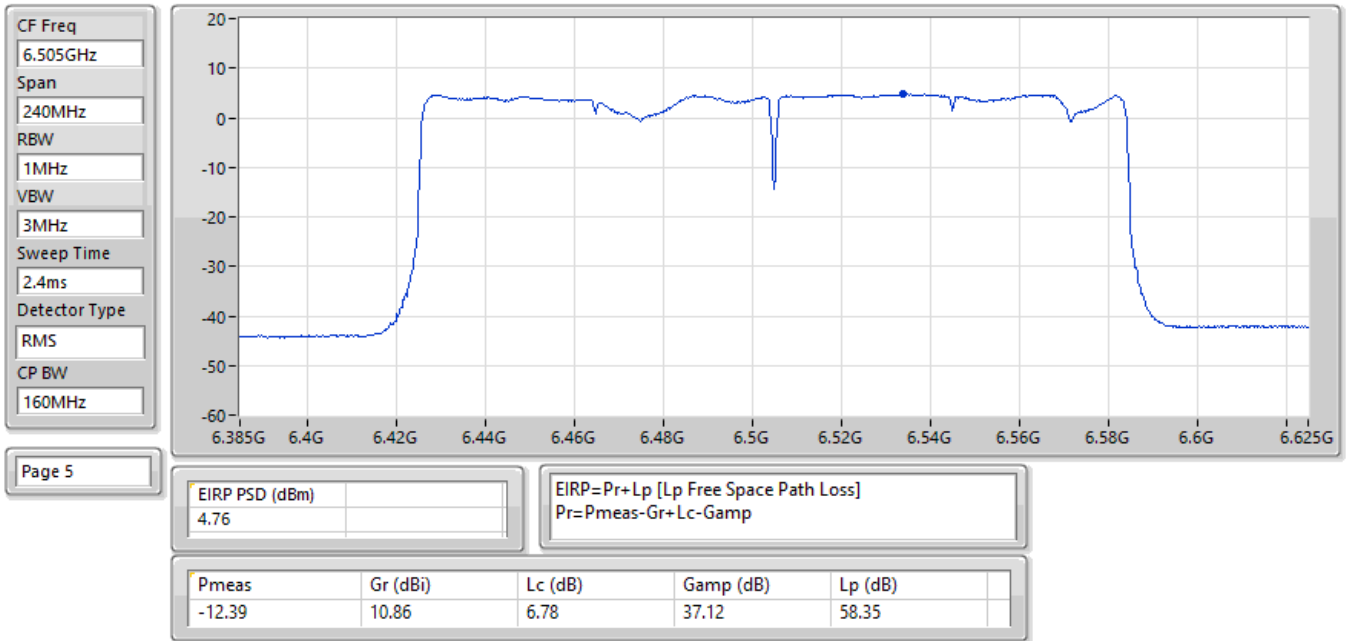
04/06/2025

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



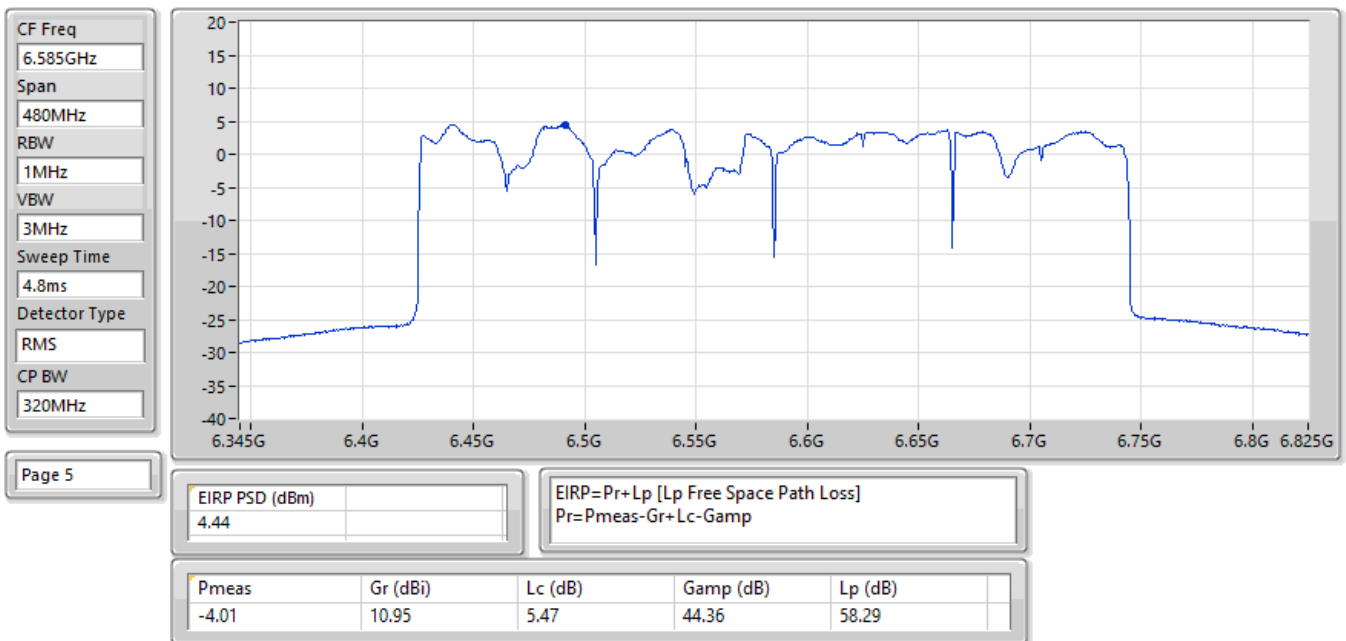
05/06/2025

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



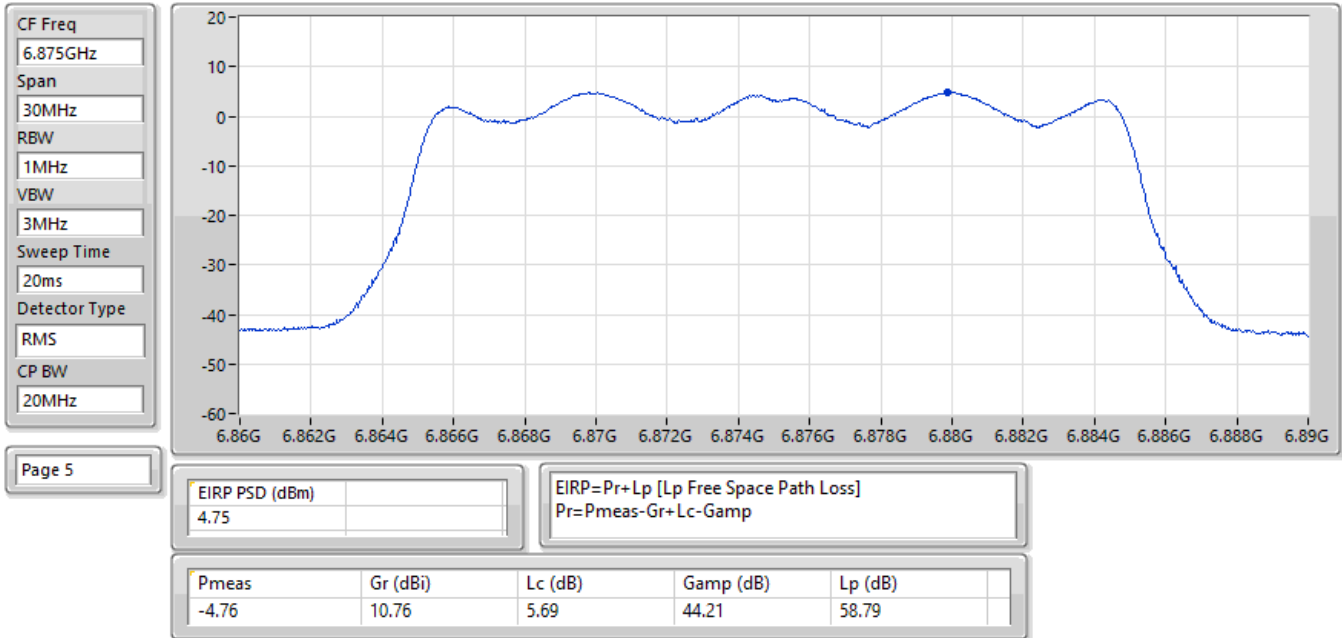
28/05/2024

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



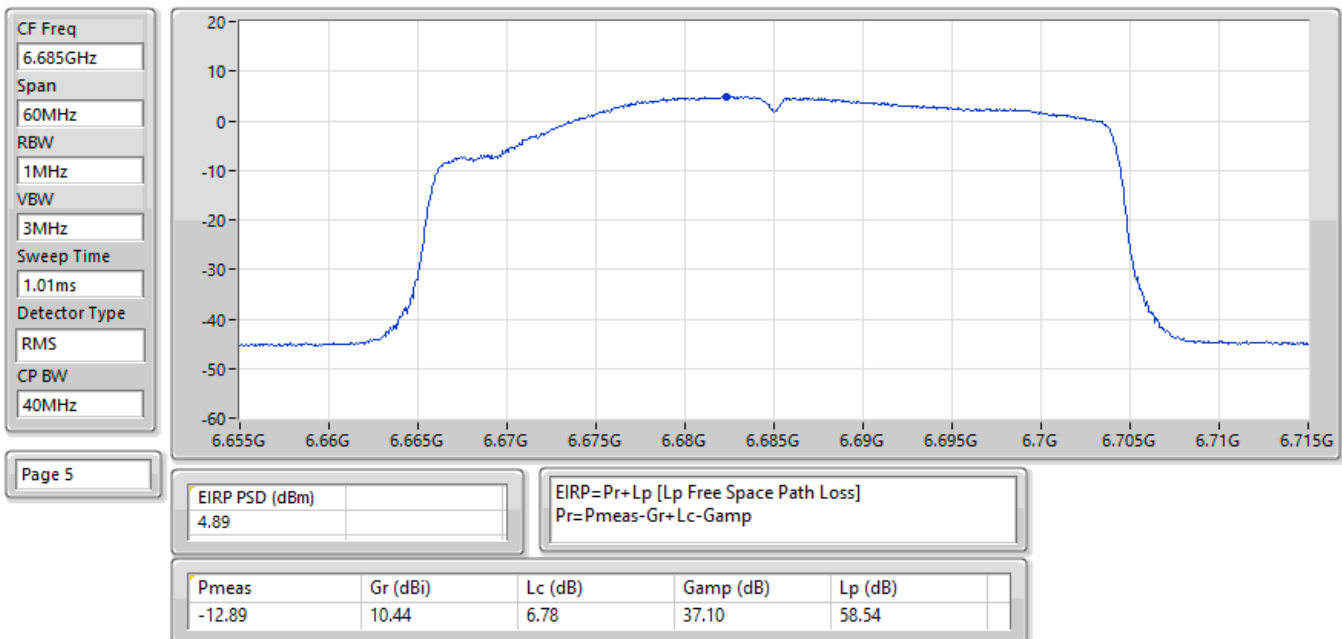
28/05/2024

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



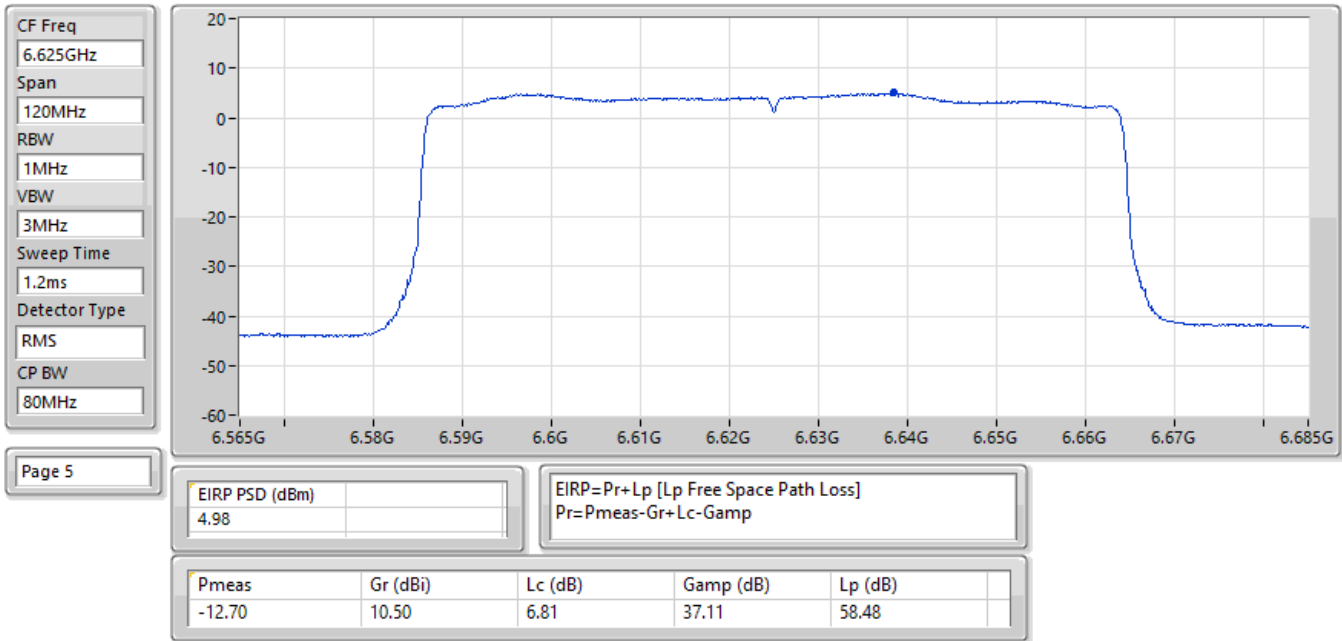
04/06/2025

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



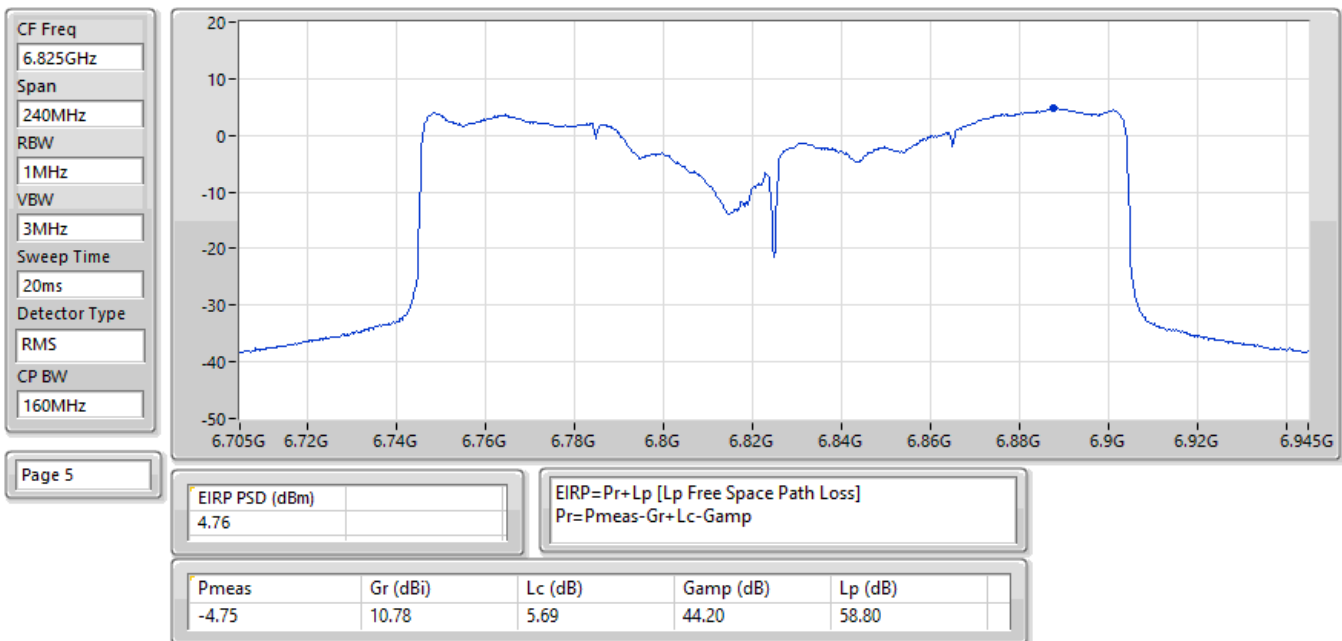
04/06/2025

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



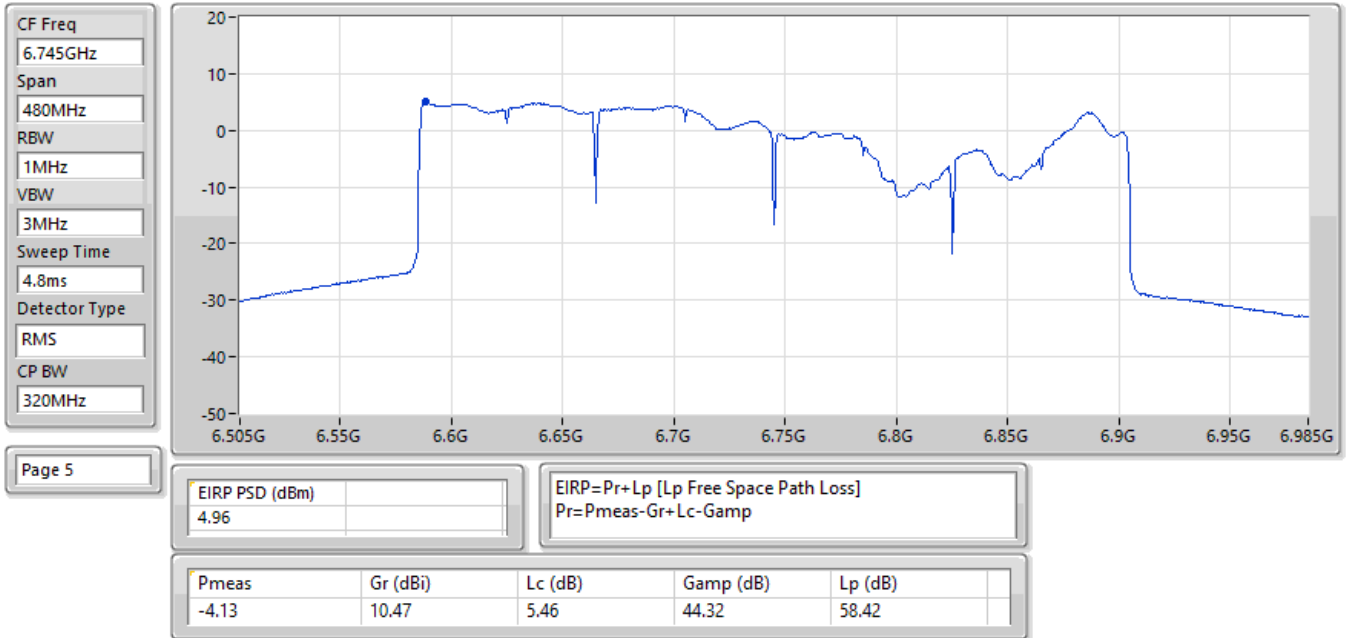
28/05/2024

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



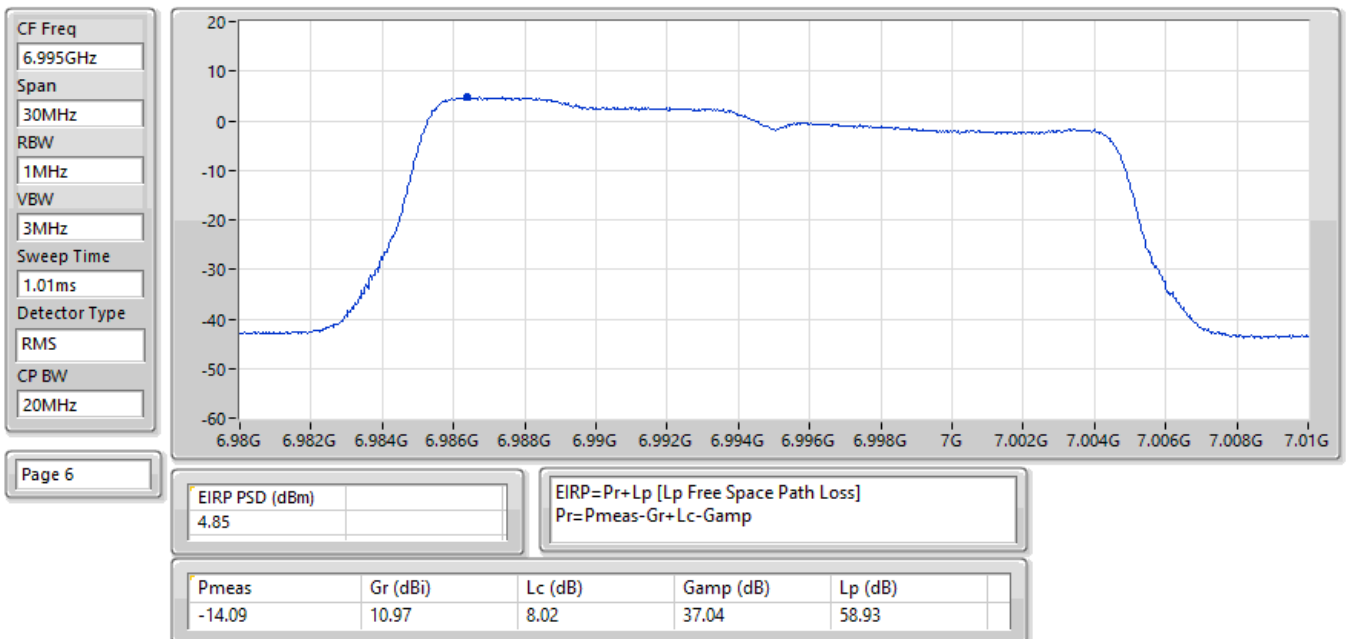
28/05/2024

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



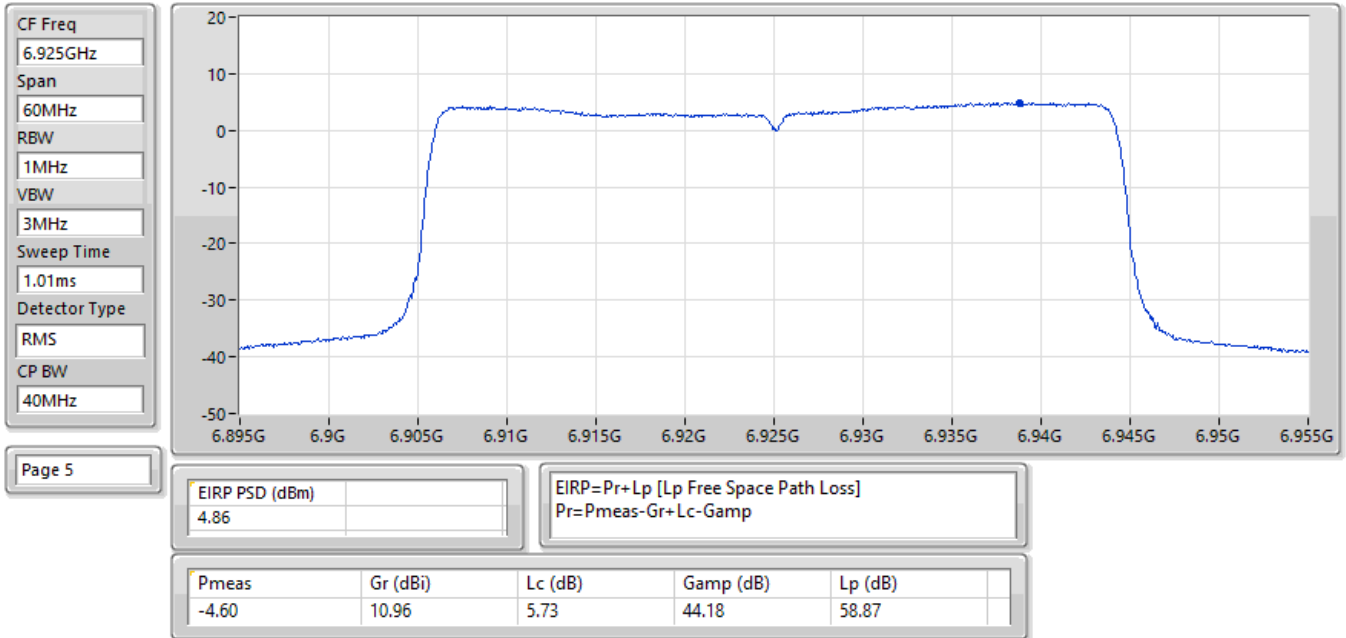
03/06/2025

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



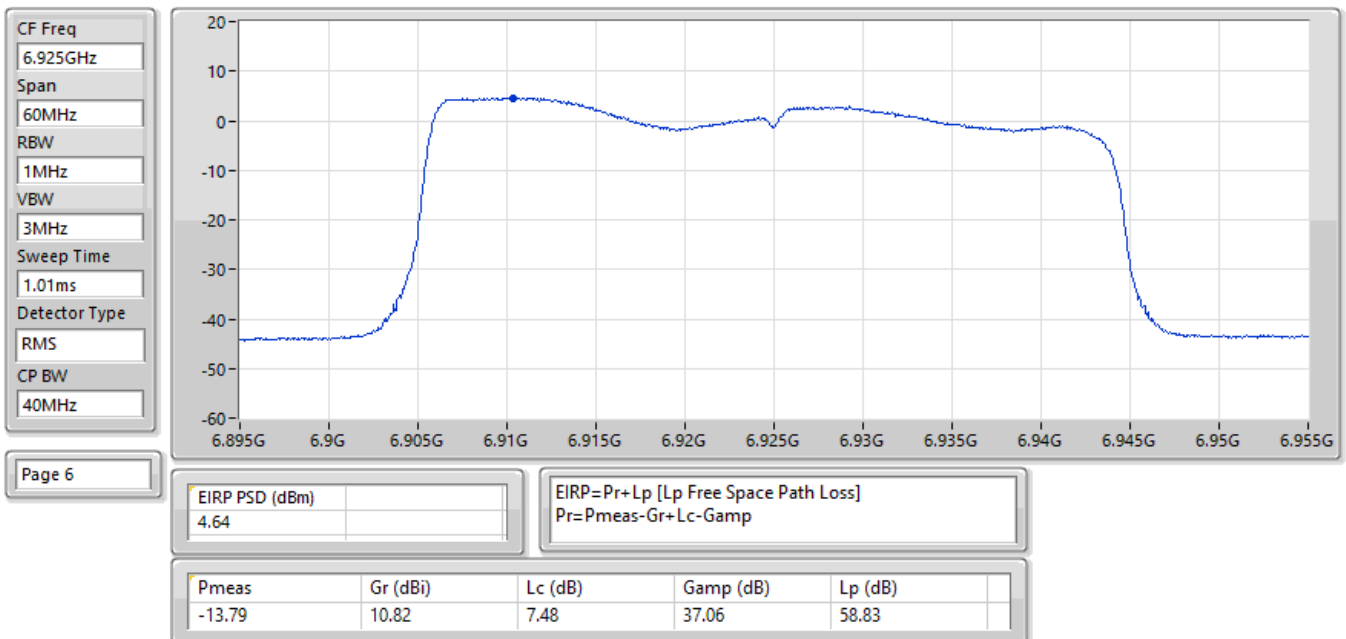
28/05/2024

EIRP PSD;Band:7.0G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6925MHz;TX



04/06/2025

EIRP PSD;Band:7.0G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6925MHz;TX



05/06/2025

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

CF Freq
6.945GHz

Span
120MHz

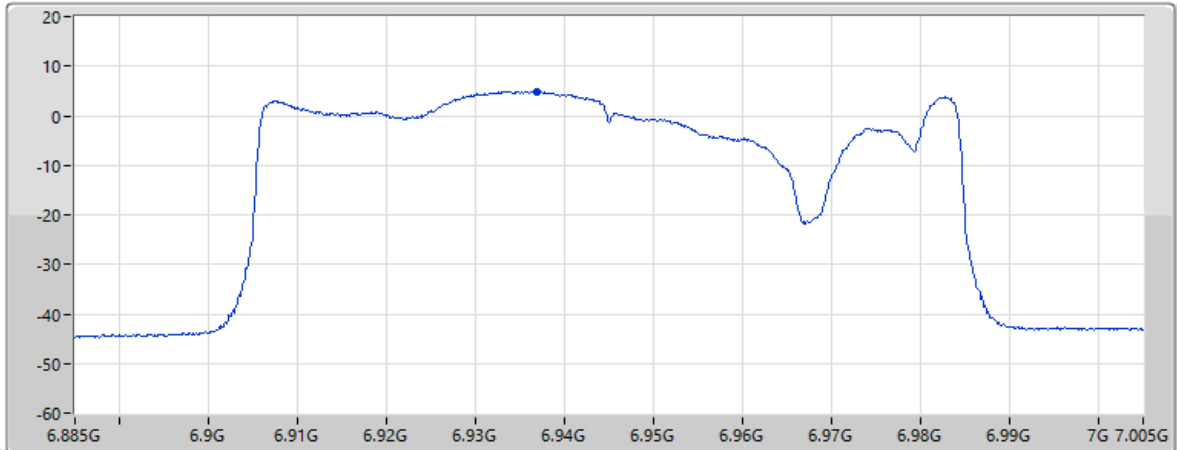
RBW
1MHz

VBW
3MHz

Sweep Time
1.2ms

Detector Type
RMS

CP BW
80MHz



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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)
-13.75	10.87	7.67	37.05	58.87

28/05/2024

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

CF Freq
6.945GHz

Span
120MHz

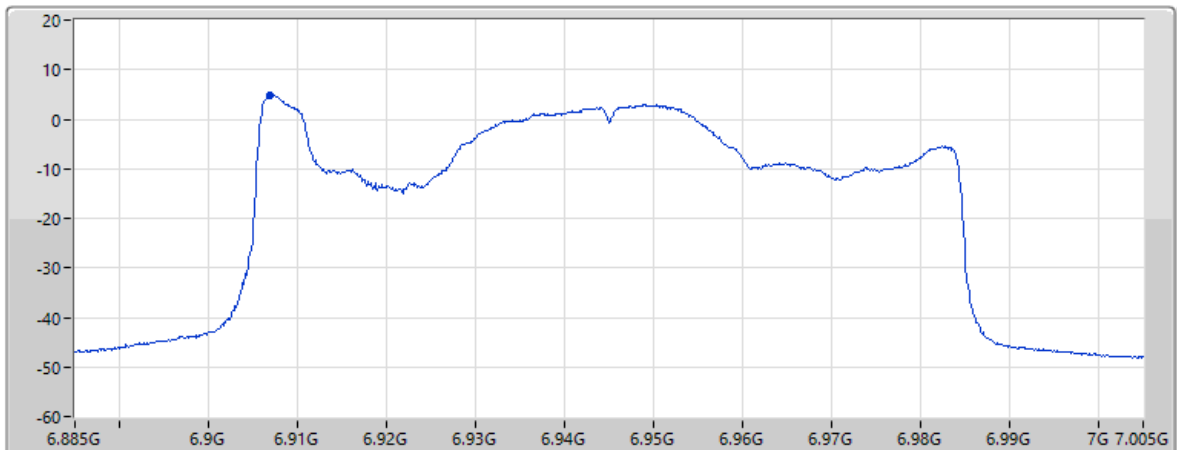
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
80MHz

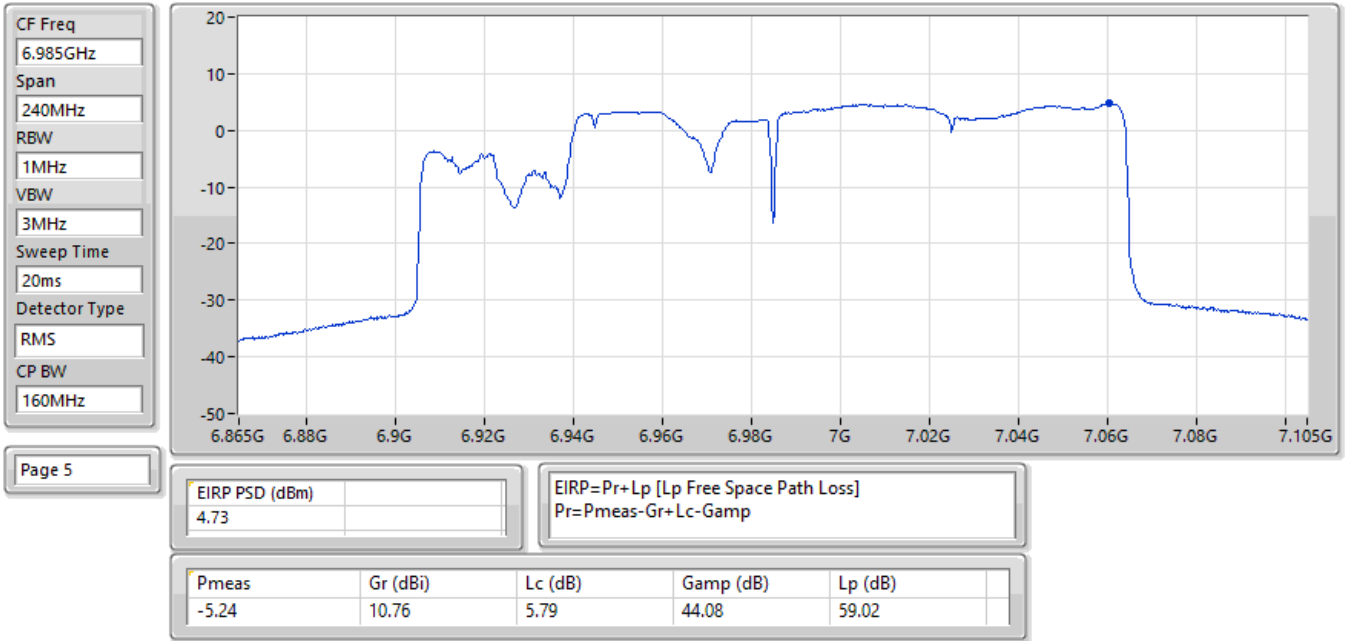


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EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
4.91				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-4.59	10.83	5.70	44.20	58.83

28/05/2024

EIRP PSD;Band:7.0G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;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)_4TX	Pass	6.188227G	-10.15	6.22575G	-61.76	-49.46	-12.30	2
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	6.411148G	-4.50	6.3439G	-57.14	-44.50	-12.64	4
802.11be EHT80_Nss1,(MCS0)_4TX	Pass	6.3702G	-2.62	6.2249G	-53.10	-42.62	-10.48	1
802.11be EHT160_Nss1,(MCS0)_4TX	Pass	6.04899G	0.76	6.2682G	-49.42	-39.09	-10.33	2
802.11be EHT320_Nss1,(MCS0)_4TX	Pass	6.20937G	4.58	6.5802G	-34.73	-34.45	-0.28	1
6.425-6.525GHz	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	6.477574G	-9.53	6.50585G	-61.93	-48.41	-13.52	1
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	6.448999G	-5.69	6.5065G	-57.48	-45.69	-11.79	1
802.11be EHT80_Nss1,(MCS0)_4TX	Pass	6.4731G	-2.60	6.5872G	-54.72	-42.60	-12.12	1
802.11be EHT160_Nss1,(MCS0)_4TX	Pass	6.58198G	0.25	6.7482G	-50.78	-39.51	-11.27	3
802.11be EHT320_Nss1,(MCS0)_4TX	Pass	6.62219G	2.92	7.0554G	-39.31	-35.66	-3.65	2
6.525-6.875GHz	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	6.881673G	-8.92	6.9056G	-61.13	-47.78	-13.35	3
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	6.897447G	-6.12	6.94635G	-57.57	-46.12	-11.45	1
802.11be EHT80_Nss1,(MCS0)_4TX	Pass	6.7743G	-1.23	6.6251G	-50.80	-41.23	-9.57	1
802.11be EHT160_Nss1,(MCS0)_4TX	Pass	6.68939G	0.32	6.908G	-49.73	-39.31	-10.42	2
802.11be EHT320_Nss1,(MCS0)_4TX	Pass	6.69861G	2.95	6.2694G	-40.48	-36.20	-4.28	1
6.875-7.125GHz	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	6.997374G	-10.17	6.96325G	-62.74	-50.17	-12.57	3
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	7.079901G	-6.93	7.0242G	-57.71	-46.93	-10.78	3
802.11be EHT80_Nss1,(MCS0)_4TX	Pass	6.9578G	-3.54	6.7851G	-53.00	-43.54	-9.46	1
802.11be EHT160_Nss1,(MCS0)_4TX	Pass	7.01059G	0.39	6.7426G	-50.12	-39.44	-10.68	1

**Result**

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.961348G	-9.12	5.98575G	-63.74	-47.70	-16.04	1
5955MHz	Pass	5.961348G	-9.49	5.9856G	-63.98	-48.26	-15.72	2
5955MHz	Pass	5.961473G	-9.29	5.98565G	-63.34	-47.76	-15.58	3
5955MHz	Pass	5.963473G	-9.07	5.98565G	-63.70	-47.62	-16.08	4
6195MHz	Pass	6.199349G	-9.83	6.229375G	-63.39	-49.83	-13.56	1
6195MHz	Pass	6.188227G	-10.15	6.22575G	-61.76	-49.46	-12.30	2
6195MHz	Pass	6.194175G	-9.30	6.225625G	-61.09	-48.00	-13.09	3
6195MHz	Pass	6.192776G	-9.53	6.2263G	-61.92	-49.39	-12.53	4
6415MHz	Pass	6.41655G	-10.38	6.447975G	-64.03	-50.38	-13.65	1
6415MHz	Pass	6.407327G	-10.17	6.38455G	-61.86	-48.42	-13.44	2
6415MHz	Pass	6.408827G	-9.87	6.4469G	-63.36	-49.87	-13.49	3
6415MHz	Pass	6.408252G	-10.21	6.445575G	-62.06	-48.95	-13.11	4
6435MHz	Pass	6.430926G	-14.70	6.46565G	-68.02	-52.91	-15.11	1
6435MHz	Pass	6.431551G	-12.33	6.4657G	-66.52	-51.04	-15.48	2
6435MHz	Pass	6.443773G	-12.11	6.4659G	-66.92	-51.04	-15.88	3
6435MHz	Pass	6.437524G	-14.33	6.46555G	-67.96	-52.34	-15.62	4
6475MHz	Pass	6.477574G	-9.53	6.50585G	-61.93	-48.41	-13.52	1
6475MHz	Pass	6.467502G	-9.81	6.506975G	-63.31	-49.69	-13.62	2
6475MHz	Pass	6.472276G	-9.29	6.5059G	-61.94	-47.78	-14.16	3
6475MHz	Pass	6.478774G	-9.50	6.516275G	-63.38	-49.50	-13.88	4
6515MHz	Pass	6.523498G	-13.49	6.54575G	-67.49	-52.15	-15.34	1
6515MHz	Pass	6.519849G	-12.16	6.5456G	-66.91	-51.67	-15.24	2
6515MHz	Pass	6.51455G	-12.17	6.545725G	-65.92	-51.08	-14.84	3
6515MHz	Pass	6.522623G	-13.89	6.54565G	-67.76	-52.80	-14.96	4
6535MHz	Pass	6.540774G	-7.62	6.565675G	-60.22	-45.94	-14.28	1
6535MHz	Pass	6.543798G	-8.33	6.5656G	-60.55	-46.83	-13.72	2
6535MHz	Pass	6.53675G	-7.67	6.504475G	-60.94	-45.74	-15.20	3
6535MHz	Pass	6.543773G	-8.23	6.565625G	-60.71	-46.75	-13.96	4
6695MHz	Pass	6.701073G	-8.74	6.6628G	-63.29	-48.74	-14.55	1
6695MHz	Pass	6.686902G	-8.72	6.6645G	-60.98	-47.02	-13.96	2
6695MHz	Pass	6.689301G	-8.81	6.728825G	-63.56	-48.81	-14.75	3
6695MHz	Pass	6.701473G	-8.27	6.72565G	-61.32	-47.00	-14.32	4
6875MHz	Pass	6.87675G	-8.97	6.917275G	-62.84	-48.97	-13.87	1
6875MHz	Pass	6.870576G	-8.62	6.841025G	-62.41	-48.62	-13.79	2
6875MHz	Pass	6.881673G	-8.92	6.9056G	-61.13	-47.78	-13.35	3
6875MHz	Pass	6.871751G	-8.08	6.914125G	-62.61	-48.08	-14.53	4
6895MHz	Pass	6.889026G	-9.05	6.926675G	-62.24	-48.67	-13.57	1
6895MHz	Pass	6.902048G	-8.86	6.925675G	-60.85	-47.72	-13.13	2
6895MHz	Pass	6.89375G	-8.50	6.925775G	-60.78	-47.47	-13.31	3
6895MHz	Pass	6.892701G	-7.97	6.864525G	-60.11	-46.68	-13.43	4
6995MHz	Pass	6.989301G	-9.94	7.02605G	-62.39	-49.22	-13.17	1
6995MHz	Pass	6.996225G	-9.58	7.0287G	-62.92	-49.58	-13.34	2
6995MHz	Pass	6.997374G	-10.17	6.96325G	-62.74	-50.17	-12.57	3
6995MHz	Pass	6.991301G	-9.73	6.9645G	-61.42	-48.39	-13.03	4
7095MHz	Pass	7.090301G	-14.72	7.125775G	-68.31	-53.33	-14.98	1
7095MHz	Pass	7.102073G	-14.16	7.064425G	-67.55	-53.09	-14.46	2
7095MHz	Pass	7.091951G	-13.79	7.064525G	-67.06	-52.50	-14.56	3
7095MHz	Pass	7.088677G	-15.13	7.06435G	-68.44	-53.86	-14.58	4
7115MHz	Pass	7.114G	-18.46	7.06985G	-72.46	-58.46	-14.00	1
7115MHz	Pass	7.1165G	-17.74	7.081775G	-71.78	-57.74	-14.04	2
7115MHz	Pass	7.115575G	-17.45	7.084475G	-69.87	-55.60	-14.27	3
7115MHz	Pass	7.113775G	-18.77	7.0844G	-70.89	-57.36	-13.53	4
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.973598G	-4.90	6.02645G	-59.95	-44.90	-15.05	1



Mask_Non-Beamforming_Full RU

Appendix D.1

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
5965MHz	Pass	5.978347G	-5.11	6.02665G	-59.05	-45.11	-13.94	2
5965MHz	Pass	5.970449G	-5.17	6.02665G	-59.16	-45.17	-13.99	3
5965MHz	Pass	5.977547G	-5.42	6.02625G	-59.48	-45.42	-14.06	4
6205MHz	Pass	6.212848G	-5.69	6.2665G	-60.76	-45.69	-15.07	1
6205MHz	Pass	6.210099G	-6.11	6.2664G	-60.12	-46.11	-14.01	2
6205MHz	Pass	6.212248G	-6.07	6.26645G	-59.77	-46.07	-13.70	3
6205MHz	Pass	6.218297G	-5.38	6.2257G	-39.86	-25.38	-14.48	4
6405MHz	Pass	6.402501G	-4.93	6.3437G	-57.75	-44.93	-12.82	1
6405MHz	Pass	6.412598G	-4.53	6.3437G	-57.26	-44.53	-12.73	2
6405MHz	Pass	6.408749G	-4.34	6.46635G	-57.21	-44.34	-12.87	3
6405MHz	Pass	6.411148G	-4.50	6.3439G	-57.14	-44.50	-12.64	4
6445MHz	Pass	6.448999G	-5.69	6.5065G	-57.48	-45.69	-11.79	1
6445MHz	Pass	6.441401G	-5.21	6.3839G	-57.68	-45.21	-12.47	2
6445MHz	Pass	6.454098G	-4.79	6.50615G	-57.22	-44.79	-12.43	3
6445MHz	Pass	6.449849G	-4.96	6.50715G	-57.62	-44.96	-12.66	4
6485MHz	Pass	6.489449G	-5.73	6.54635G	-58.07	-45.73	-12.34	1
6485MHz	Pass	6.493748G	-5.41	6.547G	-57.86	-45.41	-12.45	2
6485MHz	Pass	6.479001G	-5.05	6.5467G	-57.86	-45.05	-12.81	3
6485MHz	Pass	6.490449G	-4.91	6.5466G	-57.84	-44.91	-12.93	4
6525MHz	Pass	6.534448G	-3.95	6.58625G	-56.62	-43.95	-12.67	1
6525MHz	Pass	6.528349G	-4.05	6.58635G	-56.91	-44.05	-12.86	2
6525MHz	Pass	6.5258G	-3.68	6.5866G	-56.79	-43.68	-13.11	3
6525MHz	Pass	6.532098G	-4.05	6.5862G	-56.94	-44.05	-12.89	4
6565MHz	Pass	6.580196G	-4.25	6.6263G	-58.96	-44.25	-14.71	1
6565MHz	Pass	6.558802G	-4.91	6.6264G	-59.43	-44.91	-14.52	2
6565MHz	Pass	6.568999G	-5.57	6.6263G	-60.40	-45.57	-14.83	3
6565MHz	Pass	6.550254G	-4.78	6.6263G	-59.24	-44.78	-14.46	4
6685MHz	Pass	6.689749G	-5.41	6.62355G	-60.49	-45.41	-15.08	1
6685MHz	Pass	6.671353G	-5.92	6.62415G	-60.26	-45.92	-14.34	2
6685MHz	Pass	6.678752G	-5.19	6.74645G	-59.83	-45.19	-14.64	3
6685MHz	Pass	6.667404G	-5.37	6.7466G	-60.36	-45.37	-14.99	4
6885MHz	Pass	6.897447G	-6.12	6.94635G	-57.57	-46.12	-11.45	1
6885MHz	Pass	6.892598G	-6.15	6.8235G	-57.64	-46.15	-11.49	2
6885MHz	Pass	6.887749G	-5.68	6.9463G	-58.13	-45.68	-12.45	3
6885MHz	Pass	6.891448G	-5.37	6.9467G	-57.48	-45.37	-12.11	4
6925MHz	Pass	6.936247G	-10.21	6.9863G	-64.26	-50.21	-14.05	1
6925MHz	Pass	6.931398G	-9.23	6.8635G	-63.51	-49.23	-14.28	2
6925MHz	Pass	6.932698G	-9.18	6.9867G	-63.24	-49.18	-14.06	3
6925MHz	Pass	6.927299G	-11.19	6.9864G	-64.44	-51.19	-13.25	4
7005MHz	Pass	7.000101G	-5.47	6.94385G	-59.76	-45.43	-14.33	1
7005MHz	Pass	7.001401G	-5.11	6.944G	-59.37	-45.11	-14.26	2
7005MHz	Pass	7.000251G	-5.95	6.9439G	-60.61	-45.95	-14.66	3
7005MHz	Pass	6.998752G	-6.38	6.9432G	-61.23	-46.38	-14.85	4
7085MHz	Pass	7.082551G	-6.52	7.0232G	-57.89	-46.52	-11.37	1
7085MHz	Pass	7.08645G	-6.86	7.024G	-58.11	-46.86	-11.25	2
7085MHz	Pass	7.079901G	-6.93	7.0242G	-57.71	-46.93	-10.78	3
7085MHz	Pass	7.081151G	-6.65	7.02205G	-58.21	-46.65	-11.56	4
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5985MHz	Pass	5.9962G	-2.11	6.1069G	-56.02	-42.11	-13.91	1
5985MHz	Pass	5.9938G	-1.70	6.1515G	-54.85	-41.70	-13.15	2
5985MHz	Pass	6.0005G	-2.70	6.1067G	-55.97	-42.68	-13.29	3
5985MHz	Pass	5.9939G	-2.17	6.1079G	-56.03	-42.17	-13.86	4
6225MHz	Pass	6.2395G	-3.47	6.102G	-55.65	-43.47	-12.18	1
6225MHz	Pass	6.237G	-3.20	6.3467G	-54.68	-43.18	-11.50	2
6225MHz	Pass	6.2374G	-3.30	6.3477G	-55.25	-43.30	-11.95	3
6225MHz	Pass	6.2368G	-3.07	6.3481G	-55.08	-43.07	-12.01	4

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
6385MHz	Pass	6.3702G	-2.62	6.2249G	-53.10	-42.62	-10.48	1
6385MHz	Pass	6.3965G	-1.82	6.2624G	-54.10	-41.68	-12.42	2
6385MHz	Pass	6.3975G	-1.63	6.2631G	-53.75	-41.63	-12.12	3
6385MHz	Pass	6.3719G	-1.75	6.5103G	-53.49	-41.75	-11.74	4
6465MHz	Pass	6.4731G	-2.60	6.5872G	-54.72	-42.60	-12.12	1
6465MHz	Pass	6.4777G	-2.14	6.2856G	-54.47	-42.14	-12.33	2
6465MHz	Pass	6.4782G	-2.30	6.5874G	-55.74	-42.30	-13.44	3
6465MHz	Pass	6.49449G	-2.85	6.2855G	-55.91	-42.85	-13.06	4
6545MHz	Pass	6.5574G	-1.77	6.6676G	-55.32	-41.77	-13.55	1
6545MHz	Pass	6.5518G	-1.73	6.3813G	-55.51	-41.73	-13.78	2
6545MHz	Pass	6.5607G	-1.69	6.6669G	-55.46	-41.69	-13.77	3
6545MHz	Pass	6.5576G	-2.02	6.6669G	-54.85	-42.02	-12.83	4
6625MHz	Pass	6.6131G	-2.51	6.747G	-56.39	-42.48	-13.91	1
6625MHz	Pass	6.6162G	-2.13	6.4594G	-55.47	-42.13	-13.34	2
6625MHz	Pass	6.6172G	-2.75	6.5036G	-56.64	-42.75	-13.89	3
6625MHz	Pass	6.6381G	-3.39	6.7474G	-56.69	-43.28	-13.41	4
6705MHz	Pass	6.6916G	-1.71	6.5452G	-53.16	-41.71	-11.45	1
6705MHz	Pass	6.709G	-1.42	6.5829G	-54.31	-41.42	-12.89	2
6705MHz	Pass	6.6975G	-1.34	6.8276G	-53.98	-41.34	-12.64	3
6705MHz	Pass	6.693G	-1.28	6.8277G	-53.63	-41.28	-12.35	4
6785MHz	Pass	6.7743G	-1.23	6.6251G	-50.80	-41.23	-9.57	1
6785MHz	Pass	6.7726G	-0.60	6.6635G	-52.99	-40.52	-12.47	2
6785MHz	Pass	6.7872G	-1.32	6.9079G	-53.40	-41.32	-12.08	3
6785MHz	Pass	6.8009G	-0.67	6.9088G	-52.59	-40.67	-11.92	4
6865MHz	Pass	6.8761G	-3.56	6.705G	-54.70	-43.56	-11.14	1
6865MHz	Pass	6.8538G	-3.37	6.7432G	-56.64	-43.37	-13.27	2
6865MHz	Pass	6.8543G	-3.15	6.6933G	-55.96	-43.15	-12.81	3
6865MHz	Pass	6.8508G	-3.32	6.9873G	-56.60	-43.32	-13.28	4
6945MHz	Pass	6.9578G	-3.54	6.7851G	-53.00	-43.54	-9.46	1
6945MHz	Pass	6.9298G	-3.28	6.8236G	-54.83	-43.27	-11.56	2
6945MHz	Pass	6.9498G	-3.38	6.823G	-55.00	-43.35	-11.65	3
6945MHz	Pass	6.9517G	-3.46	6.8233G	-54.94	-43.15	-11.79	4
7025MHz	Pass	7.0157G	-4.32	6.865G	-55.57	-44.32	-11.25	1
7025MHz	Pass	7.0109G	-3.34	6.9033G	-56.99	-43.32	-13.67	2
7025MHz	Pass	7.01G	-3.46	6.8497G	-55.83	-43.46	-12.37	3
7025MHz	Pass	6.99721G	-4.42	6.8494G	-58.03	-44.42	-13.61	4
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
6025MHz	Pass	6.00261G	0.62	6.2684G	-50.28	-39.17	-11.11	1
6025MHz	Pass	6.04899G	0.76	6.2682G	-49.42	-39.09	-10.33	2
6025MHz	Pass	6.04879G	0.46	6.2688G	-50.20	-39.48	-10.72	3
6025MHz	Pass	6.04899G	0.61	6.2692G	-50.98	-39.39	-11.59	4
6185MHz	Pass	6.24818G	0.22	6.429G	-52.13	-39.78	-12.35	1
6185MHz	Pass	6.24838G	0.20	6.4286G	-51.22	-39.23	-11.99	2
6185MHz	Pass	6.24838G	0.60	6.4286G	-50.44	-39.12	-11.32	3
6185MHz	Pass	6.25978G	0.54	6.428G	-51.17	-39.28	-11.89	4
6345MHz	Pass	6.28062G	0.77	6.5888G	-49.62	-38.79	-10.83	1
6345MHz	Pass	6.28202G	1.05	6.5886G	-50.29	-38.95	-11.34	2
6345MHz	Pass	6.42178G	0.60	6.5882G	-49.94	-39.35	-10.59	3
6345MHz	Pass	6.31641G	1.41	6.5886G	-50.40	-38.50	-11.90	4
6505MHz	Pass	6.56219G	1.00	6.7478G	-50.49	-38.89	-11.60	1
6505MHz	Pass	6.56738G	0.99	6.2628G	-50.40	-38.72	-11.68	2
6505MHz	Pass	6.58198G	0.25	6.7482G	-50.78	-39.51	-11.27	3
6505MHz	Pass	6.48081G	0.28	6.7478G	-50.99	-39.32	-11.67	4
6665MHz	Pass	6.63881G	0.90	6.908G	-49.36	-38.54	-10.82	1
6665MHz	Pass	6.68939G	0.32	6.908G	-49.73	-39.31	-10.42	2
6665MHz	Pass	6.68819G	0.58	6.9074G	-49.65	-39.06	-10.59	3

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
6665MHz	Pass	6.68959G	1.36	6.9084G	-49.17	-38.43	-10.74	4
6825MHz	Pass	6.75002G	-0.56	6.5816G	-51.83	-40.25	-11.58	1
6825MHz	Pass	6.79841G	-0.05	6.5822G	-51.46	-39.65	-11.81	2
6825MHz	Pass	6.76382G	-0.24	6.5826G	-51.68	-39.78	-11.90	3
6825MHz	Pass	6.80181G	-0.11	6.582G	-51.80	-39.74	-12.06	4
6985MHz	Pass	7.01059G	0.39	6.7426G	-50.12	-39.44	-10.68	1
6985MHz	Pass	7.0032G	0.86	6.7412G	-50.77	-38.70	-12.07	2
6985MHz	Pass	6.95881G	0.62	6.741G	-50.64	-39.25	-11.39	3
6985MHz	Pass	6.9682G	0.51	6.7426G	-50.42	-39.13	-11.29	4
802.11be EHT320_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
6105MHz	Pass	6.20937G	4.58	6.5802G	-34.73	-34.45	-0.28	1
6105MHz	Pass	6.24257G	4.09	6.5866G	-37.61	-35.60	-2.01	2
6105MHz	Pass	6.21257G	4.21	6.5894G	-37.19	-35.50	-1.69	3
6105MHz	Pass	6.21097G	4.26	6.6566G	-39.10	-35.64	-3.46	4
6265MHz	Pass	6.21941G	2.70	6.7478G	-43.35	-36.89	-6.46	1
6265MHz	Pass	6.23741G	2.61	6.743G	-42.75	-36.62	-6.13	2
6265MHz	Pass	6.29379G	2.57	6.7534G	-43.67	-37.43	-6.24	3
6265MHz	Pass	6.30139G	2.95	6.7562G	-43.21	-37.05	-6.16	4
6425MHz	Pass	6.52098G	2.65	6.9174G	-44.01	-37.35	-6.66	1
6425MHz	Pass	6.46099G	2.56	6.9062G	-44.46	-36.91	-7.55	2
6425MHz	Pass	6.52218G	2.27	5.9342G	-43.39	-37.73	-5.66	3
6425MHz	Pass	6.32942G	2.31	5.9918G	-40.00	-33.54	-6.46	4
6585MHz	Pass	6.55341G	2.97	7.061G	-40.38	-36.12	-4.26	1
6585MHz	Pass	6.62219G	2.92	7.0554G	-39.31	-35.66	-3.65	2
6585MHz	Pass	6.62859G	3.11	7.0574G	-40.09	-35.71	-4.38	3
6585MHz	Pass	6.62179G	2.88	7.0606G	-42.47	-36.08	-6.39	4
6745MHz	Pass	6.69861G	2.95	6.2694G	-40.48	-36.20	-4.28	1
6745MHz	Pass	6.71901G	2.45	6.263G	-42.46	-37.08	-5.38	2
6745MHz	Pass	6.63663G	2.28	6.2678G	-42.82	-36.89	-5.93	3
6745MHz	Pass	6.69941G	1.95	6.3134G	-41.29	-33.86	-7.43	4
6905MHz	Pass	6.94059G	1.23	6.4162G	-48.87	-38.70	-10.17	1
6905MHz	Pass	6.95259G	0.96	6.419G	-48.08	-38.77	-9.31	2
6905MHz	Pass	6.94179G	0.80	6.4098G	-48.47	-39.20	-9.27	3
6905MHz	Pass	6.80183G	0.67	6.4794G	-44.43	-34.70	-9.73	4