

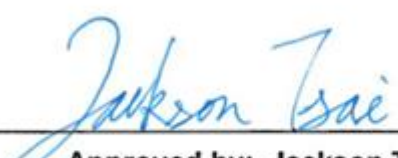


FCC RADIO TEST REPORT

FCC ID : UDX-600219010
Equipment : Cisco Wireless 9171I Series Wi-Fi 7 Access Point
Brand Name : CISCO
Model Name : CW9171I
Applicant : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Manufacturer : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Standard : 47 CFR FCC Part 15.407

The product was received on Apr. 21, 2025, and testing was started from May 10, 2025 and completed on Aug. 11, 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 report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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History of this test report

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: HE1-D1-1 Ver2.8
FCC ID: UDX-600219010

Page Number : 3 of 39
Issued Date : Oct. 28, 2025
Report Version : 01



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	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	PASS	-
3.4	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
-	15.407(d)	Contention-Based Protocol	N/A	Standard Power AP w/o test

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: Ryan Hsiao

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 ~ 6425	ax (HEW20), be (EHT20)	5955 ~ 6415	1 ~ 93 [24]
6525 ~ 6875		6535 ~ 6855	117 ~ 181 [17]
5925 ~ 6425	ax (HEW40), be (EHT40)	5965 ~ 6405	3 ~ 91 [12]
6525 ~ 6875		6565 ~ 6845	123 ~ 179 [8]
5925 ~ 6425	ax (HEW80), be (EHT80)	5985 ~ 6385	7 ~ 87 [6]
6525 ~ 6875		6625 ~ 6785	135 ~ 167 [3]
5925 ~ 6425	ax (HEW160), be (EHT160)	6025 ~ 6345	15 ~ 79 [3]
6525 ~ 6875		6665	143 [1]

Non-Beamforming_Radio 3_Full RU_1T1S

Band	Mode	BWch	Nant
5.925-6.425GHz	802.11be EHT20	20	1TX
6.525-6.875GHz	802.11be EHT20	20	1TX
5.925-6.425GHz	802.11be EHT40	40	1TX
6.525-6.875GHz	802.11be EHT40	40	1TX
5.925-6.425GHz	802.11be EHT80	80	1TX
6.525-6.875GHz	802.11be EHT80	80	1TX
5.925-6.425GHz	802.11be EHT160	160	1TX
6.525-6.875GHz	802.11be EHT160	160	1TX

Non-Beamforming_Radio 3_Full RU_2T1S

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

**Non-Beamforming_Radio 3_Multi-RU_1T1S**

Band	Mode	BWch	Nant
5.925-6.425GHz	802.11be EHT80	80	1TX
5.925-6.425GHz	802.11be EHT160	160	1TX

Non-Beamforming_Radio 3_Multi-RU_2T1S

Band	Mode	BWch	Nant
5.925-6.425GHz	802.11be EHT80	80	2TX
5.925-6.425GHz	802.11be EHT160	160	2TX

Non-Beamforming_Radio 3_Channel Puncturing_1T1S

Band	Mode	BWch	Nant
5.925-6.425GHz	802.11be EHT80	80	1TX
5.925-6.425GHz	802.11be EHT160	160	1TX

Non-Beamforming_Radio 3_Channel Puncturing_2T1S

Band	Mode	BWch	Nant
5.925-6.425GHz	802.11be EHT80	80	2TX
5.925-6.425GHz	802.11be EHT160	160	2TX

Non-Beamforming_Scan Radio

Band	Mode	BWch	Nant
5.925-6.425GHz	802.11ax HEW20	20	1TX
6.525-6.875GHz	802.11ax HEW20	20	1TX

Beamforming_Radio 3

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

Note:

- HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- EHT20, EHT40, EHT80 and EHT160 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
2x996+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	--	--
3x996	1	996	996	--	V
	2	996	996	V	V
	3	996	996	V	V
	4	996	996	V	--
3x996+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	Radio
1	Fii	363.00009	PIFA	I-Pex	2.4G+5G+6G	Radio1+2+3
2	Fii	363.00009	PIFA	I-Pex	2.4G+5G+6G	Radio1+2+3
3	Fii	363.00009	PIFA	I-Pex	2.4G+5G+6G	Radio 4 (Scan)
4	Fii	363.00009	PIFA	I-Pex	BT+802.15.4	-

Ant.	Port	Gain (dBi)									BLE& IEEE 802.15.4
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	
1	2	4.75	3.63	3.82	4.65	4.31	4.62	3.78	4.04	3.58	-
2	1	4.56	4.4	4.37	5.26	4.52	3.88	3.44	3.56	4.8	-
3	1	3.75	4.18	4.12	4.81	4.57	4.66	4.38	4.02	3.61	-
4	1	-	-	-	-	-	-	-	-	-	3.66

Wi-Fi Mode	Composite Gain (dBi)									
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	
DG [1SS] (dBi)	6.97	5.74	5.95	6.89	6.56	6.65	5.87	5.77	5.67	
DG [2SS] (dBi)	4.75	4.4	4.37	5.26	4.52	4.62	3.78	4.04	4.8	

Note 1: The EUT has four antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v02 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP541819.

**For 2.4GHz function:**

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

Ant. 1 (port 2) and Ant. 2 (port 1) could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was Ant. 1 (port 2) and it was recorded in this test report.

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

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

For IEEE 802.11 b/g/n/VHT/ax mode(1TX/1RX) (Radio 4)

Ant. 3 (port 1) could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax/be mode (1TX/2RX) (Radio 2)

Ant. 1 (port 2) and Ant. 2 (port 1) could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was Ant. 2 (port 1) and it was recorded in this test report.

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

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

For IEEE 802.11 a/n/ac/ax mode (1TX/1RX) (Radio 4)

Ant. 3 (port 1) could transmit/receive simultaneously.

For 6GHz function:

For IEEE 802.11 ax/be mode (1TX/2RX) (Radio 3)

Ant. 1 (port 2) and Ant. 2 (port 1) could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was Ant. 1 (port 2) and it was recorded in this test report.

For IEEE 802.11 ax/be mode (2TX/2RX) (Radio 3)

Ant. 1 (port 2) and Ant. 2 (port 1) could transmit/receive.

For IEEE 802.11 ax mode (1TX/1RX) (Radio 4)

Ant. 3 (port 1) could transmit/receive simultaneously.

For BT function:

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

Ant. 4 (port 1) could transmit/receive.

For 802.15.4 function:

For IEEE 802.15.4 mode (1TX/1RX)

Ant. 4 (port 1) could transmit/receive.

**1.1.5 EUT Information**

Operational Condition			
EUT Power Type	From AC Adapter / PoE		
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 Table of Serial Number

Test item	Serial Number
RF	FVH2914A1E3

**1.1.7 Mode Test Duty Cycle****Non-Beamforming_Radio 3_Full RU_1T1S**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX(Port2)	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX(Port2)	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX(Port2)	0.997	0.01	5.453m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_Full RU_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.997	0.01	5.453m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_Multi-RU_1T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port2)	0.889	0.51	2.747m	500
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port2)	0.879	0.56	2.763m	500

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

Non-Beamforming_Radio 3_Multi-RU_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	0.888	0.52	2.745m	500
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	0.904	0.44	2.761m	500

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

**Non-Beamforming_Radio 3_Channel Puncturing_1T1S**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX(Port2)	0.997	0.01	5.454m	10
5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_1TX(Port2)	0.997	0.01	5.454m	10
5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX(Port2)	0.997	0.01	5.454m	10

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

Non-Beamforming_Radio 3_Channel Puncturing_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX	0.997	0.01	5.454m	10Hz (DC>=0.98)

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

Non-Beamforming_Scan Radio

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20_Nss1,(MCS0)_1TX	0.997	0.01	5.45m	10Hz (DC>=0.98)

Beamforming_Radio 3

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.919	0.37	2.991m	500
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.935	0.29	3.716m	300
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.928	0.32	3.9m	300
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.927	0.33	3.9m	300

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



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
AC Conduction	CO04-HY	Lego Lin	22.8~24.7°C / 58~63%	30/May/2025
RF Conducted (Beamforming)	TH07-HY	Xun Hsieh	23.6~24.3°C / 55~59%	25/Jun/2025~26/Jun/2025
RF Conducted (Multi-RU) (Channel Puncturing)	TH07-HY	Xun Hsieh	23.5~24.4°C / 53~59%	18/May/2025~02/Jul/2025
Radiated (Co-location)	03CH02-HY	Vasari Huang	21.6~22.1°C / 53~56%	11/Aug/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			
RF : Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted (Full RU)	TH06-HY	Johnny Yu	23.4~24.5°C / 53~60%	16/May/2025~30/Jun/2025



☒ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated (Full RU)	03CH09-HY	Lego Lin	23.1~23.4°C / 57~64%	10/May/2025~27/May/2025
Radiated (Multi-RU)	03CH09-HY	Lego Lin	24.5~25.2°C / 55~67%	10/May/2025~04/Jul/2025
Radiated (Channel Puncturing)	03CH09-HY	Lego Lin	23.4~24.8°C / 51~65%	03/Jul/2025~16/Jul/2025
Radiated (Scan Radio)	03CH09-HY	Lego Lin	25.1~25.8°C / 57~67%	12/May/2025~11/Jun/2025
Radiated (Beamforming)	03CH09-HY	Lego Lin	23.1~23.4°C / 53~61%	16/Jun/2025~24/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 Items	Uncertainty	Remark
AC Power-line Conducted Emissions	3.44 dB	Confidence levels of 95%
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	qdart_conn.win.1.0_installer_00099.1
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Non-Beamforming_Radio 3_Full RU_1T1S

Mode	Power Setting
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	-
5955MHz	17
6195MHz	17
6415MHz	17
6535MHz	17
6695MHz	17
6855MHz	17
802.11be EHT40_Nss1,(MCS0)_1TX(Port2)	-
5965MHz	17
6205MHz	17
6405MHz	17
6565MHz	17
6685MHz	17
6845MHz	17
802.11be EHT80_Nss1,(MCS0)_1TX(Port2)	-
5985MHz	20
6225MHz	20
6385MHz	19.5
6625MHz	20
6705MHz	20
6785MHz	20
802.11be EHT160_Nss1,(MCS0)_1TX(Port2)	-
6025MHz	18.5
6185MHz	19
6345MHz	19
6665MHz	18.5

**Non-Beamforming_Radio 3_Full RU_2T1S**

Mode	Power Setting
802.11be EHT20_Nss1,(MCS0)_2TX	-
5955MHz	17
6195MHz	17
6415MHz	17
6535MHz	17
6695MHz	17
6855MHz	17
802.11be EHT40_Nss1,(MCS0)_2TX	-
5965MHz	17
6205MHz	17
6405MHz	17
6565MHz	17
6685MHz	17
6845MHz	17
802.11be EHT80_Nss1,(MCS0)_2TX	-
5985MHz	17.5
6225MHz	19
6385MHz	18
6625MHz	19.5
6705MHz	20
6785MHz	20
802.11be EHT160_Nss1,(MCS0)_2TX	-
6025MHz	18.5
6185MHz	18
6345MHz	18
6665MHz	17

Non-Beamforming_Radio 3_Multi-RU_1T1S

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port2)	-
5985MHz	17.5
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port2)	-
6025MHz	16.5

**Non-Beamforming_Radio 3_Multi-RU_2T1S**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-
5985MHz	16.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-
6025MHz	17.5

Non-Beamforming_Radio 3_Channel Puncturing_1T1S

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX(Port2)	-
5985MHz	18
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_1TX(Port2)	-
6025MHz	18
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX(Port2)	-
6025MHz	17

Non-Beamforming_Radio 3_Channel Puncturing_2T1S

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-
5985MHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	-
6025MHz	17.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX	-
6025MHz	17

Non-Beamforming_Scan Radio

Test Software Version	PuTTY Release 0.62
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Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5955MHz	17
6195MHz	17
6415MHz	17
6535MHz	17
6695MHz	17
6855MHz	17

**Beamforming_Radio 3**

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5955MHz	20
6195MHz	20
6415MHz	20
6535MHz	20
6695MHz	20
6855MHz	20
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5965MHz	20
6205MHz	20
6405MHz	20
6565MHz	20
6685MHz	20
6845MHz	20
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5985MHz	20
6225MHz	20
6385MHz	20
6625MHz	20
6705MHz	20
6785MHz	20
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
6025MHz	18
6185MHz	18
6345MHz	18
6665MHz	18

2.2 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.) Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	PoE Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT		V (Scan Radio) (Radio 3_1T1S)	V (Radio 3_2T1S)



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	R1_2.4G(2*2)+R2_5G(2*2)+Scan:2.4G+5G+6G(1T*1R)+BT
2	R1_2.4G(2*2)+R3_6G(2*2)+Scan:2.4G+5G+6G(1T*1R)+BT
3	R1_2.4G(2*2)+R2_5G(2*2)+Scan:2.4G+5G+6G(1T*1R)+IEEE 802.15.4
4	R1_2.4G(2*2)+R3_6G(2*2)+Scan:2.4G+5G+6G(1T*1R)+IEEE 802.15.4
Refer to Sporton Test Report No.: FA541819 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Low Profile Mounting Bracket	Brand Name	Cisco	Model Name	AIR-AP-BRACKET-1
Ceiling grid clip	Brand Name	Cisco	Model Name	AIR-AP-T-RAIL-R

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

2.4 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	PoE	DELTA	ADH-65AR P(D)	-	Provided by Customer
3	AC Power Cable	Power sync	PW-GPC180-3	-	-

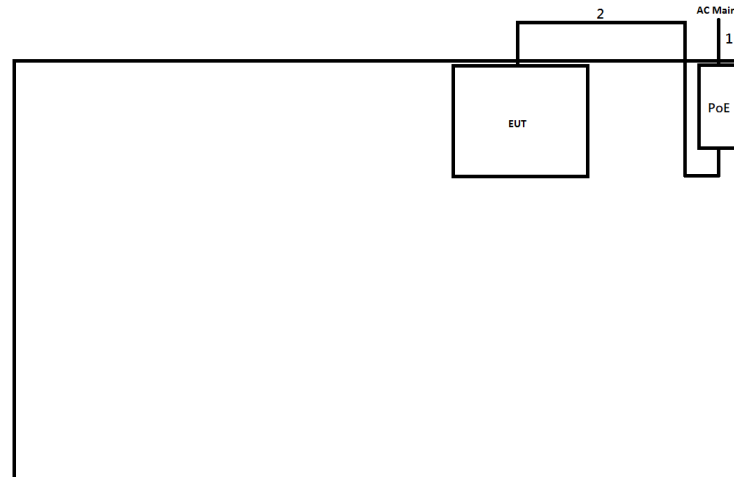
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	AC power cable	Power sync	PW-GPC180-3	-	-
3	RJ-45 Cable	Power sync	CAT-6E-03	-	Remote
4	PoE*2	DELTA	ADH-65AR P(D)	-	Provided by Customer/ Remote
5	AC power cable *2	Power sync	PW-GPC180-3	-	Remote
6	Notebook *2	DELL	Latitude 7290	-	Remote
7	Adapter for NB *2	DELL	HA65NM130	-	Remote
8	AC power cable *2	Power sync	TPCMRN0018	-	Remote
9	RJ-45 Cable*2	Power sync	CAT-6E-01	-	Remote



Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	PoE 1	DELTA	ADH-65AR B	-	Provided by Customer
4	PoE 2	PHIHONG	POE29U-1AT(PL)	-	Provided by Customer
5	Adapter 1	FSP	FSP050-DWAA1	-	Provided by Customer
6	Adapter 2	CISCO	MA-PWR-50WAC	-	Provided by Customer

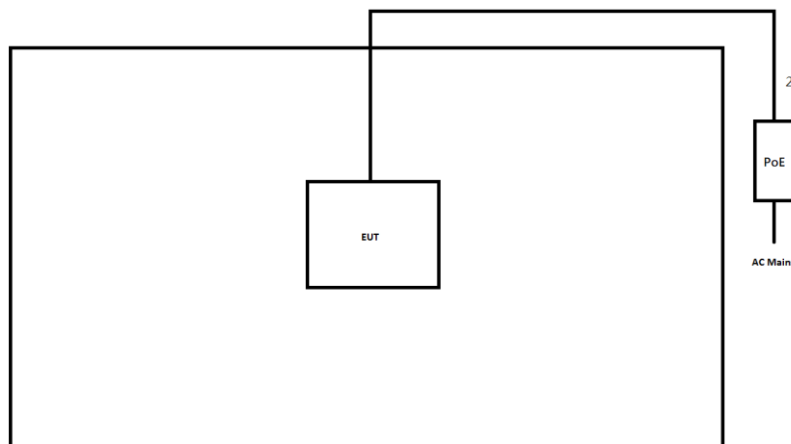
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test

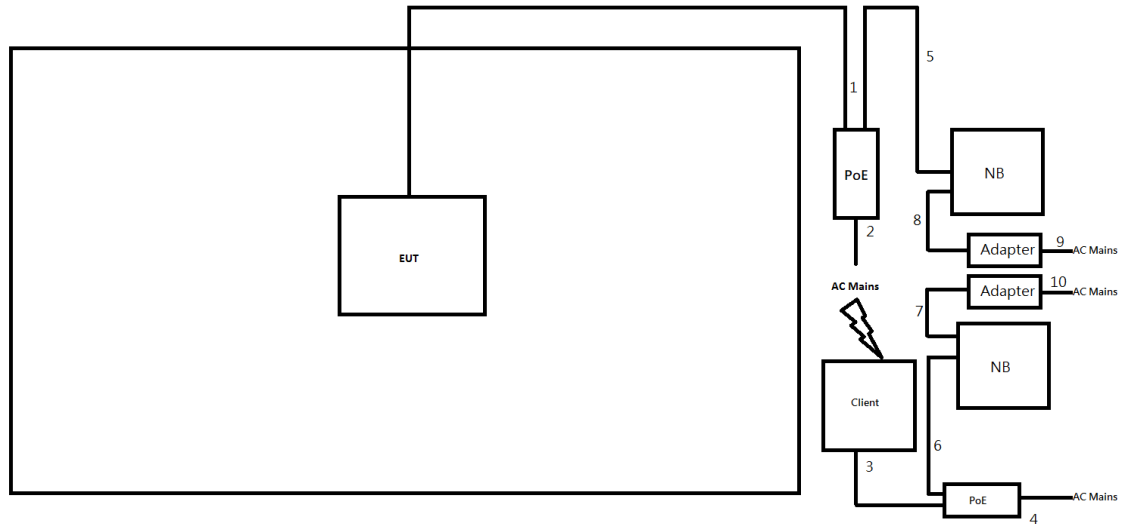


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-

Test Setup Diagram - Radiated Test



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

Test Setup Diagram - Radiated Test_ Beamforming


Item	Connection	Shielded	Length(m)	Remark
1	RJ-45 Cable	No	3.0	-
2	AC Power Cable	No	1.8	-
3	RJ-45 Cable	No	3.0	-
4	AC Power Cable	No	1.8	-
5	RJ-45 Cable	No	1.0	-
6	RJ-45 Cable	No	1.0	-
7	DC Power Cable	No	1.8	-
8	DC Power Cable	No	1.8	-
9	AC Power Cable	No	1.8	-
10	AC Power Cable	No	1.8	-



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

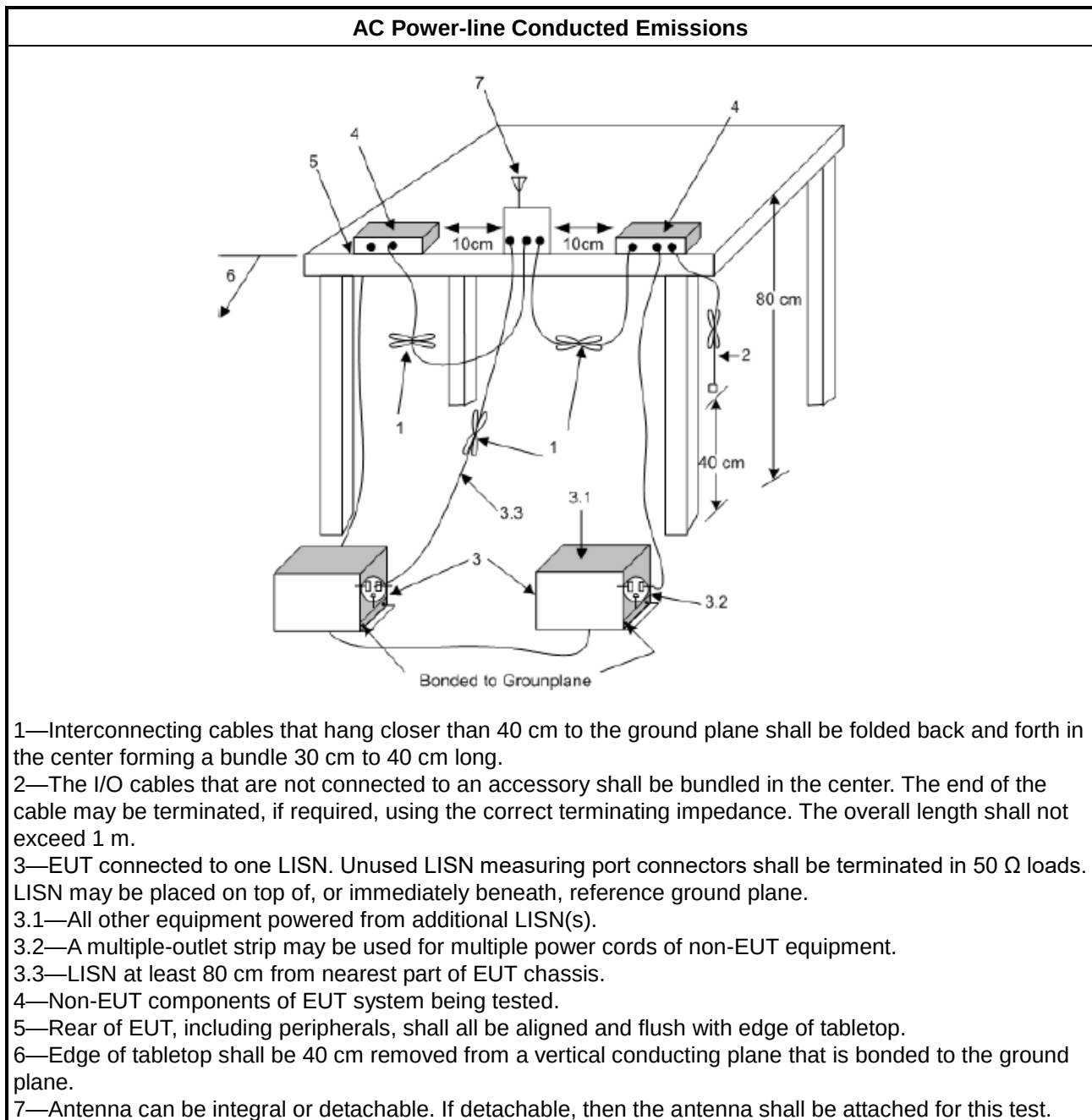
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

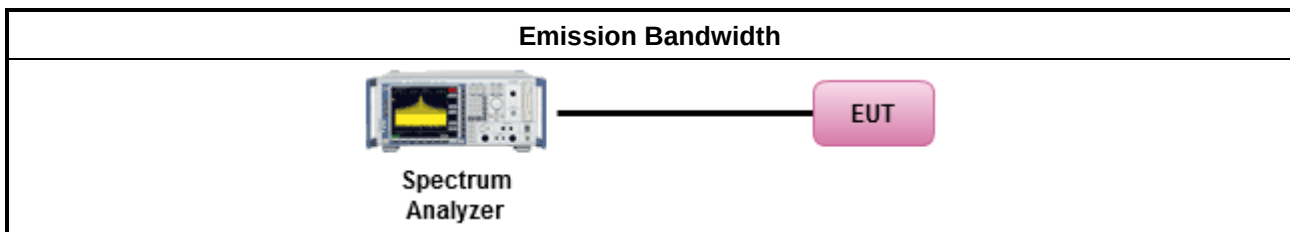
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



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

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

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



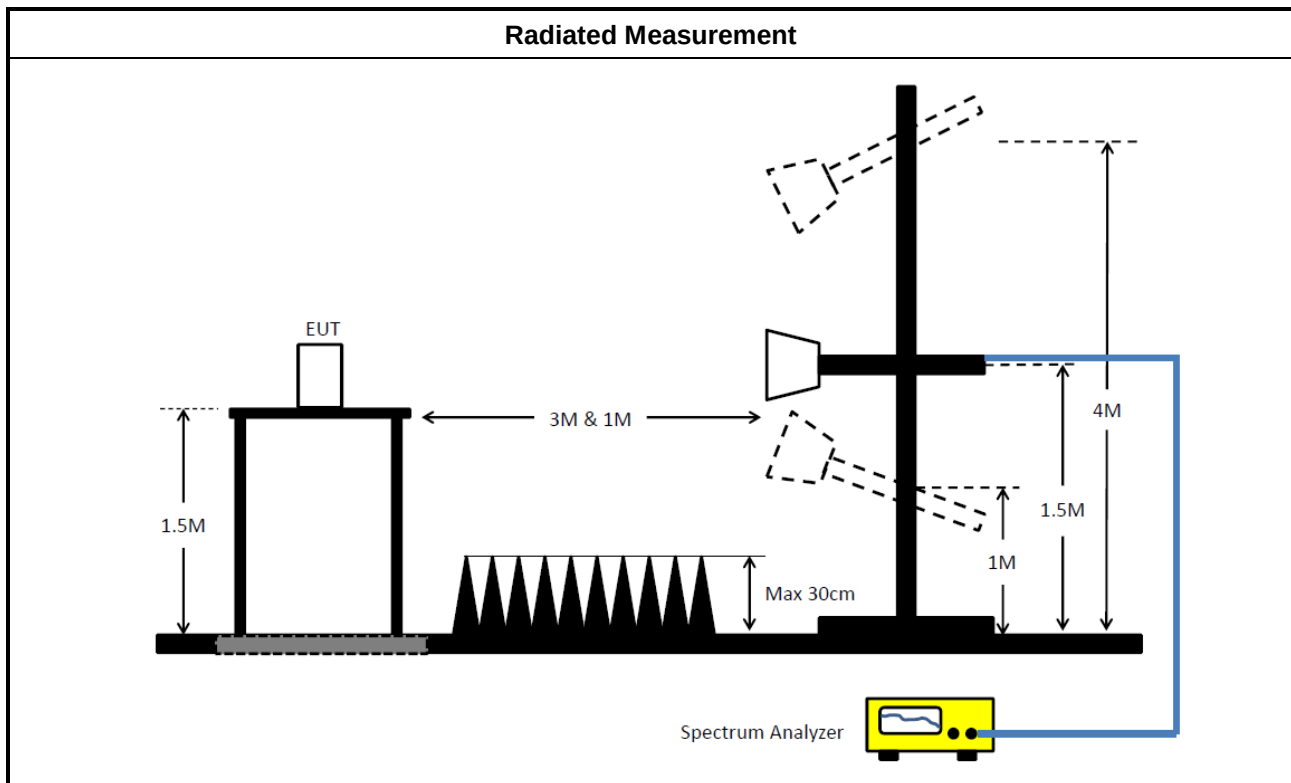
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



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

Refer as Appendix C



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

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

Peak Power Spectral Density (E.I.R.P.) Limit	
UNII Devices	
☒	For the 5.925 ~ 6.425 GHz band:
☐	
☒	For the 6.425 ~ 6.525 GHz band:
☐	
☒	For the 6.525 ~ 6.875 GHz band:
☐	
☐	For the 6.875 ~ 7.125 GHz band:
☐	

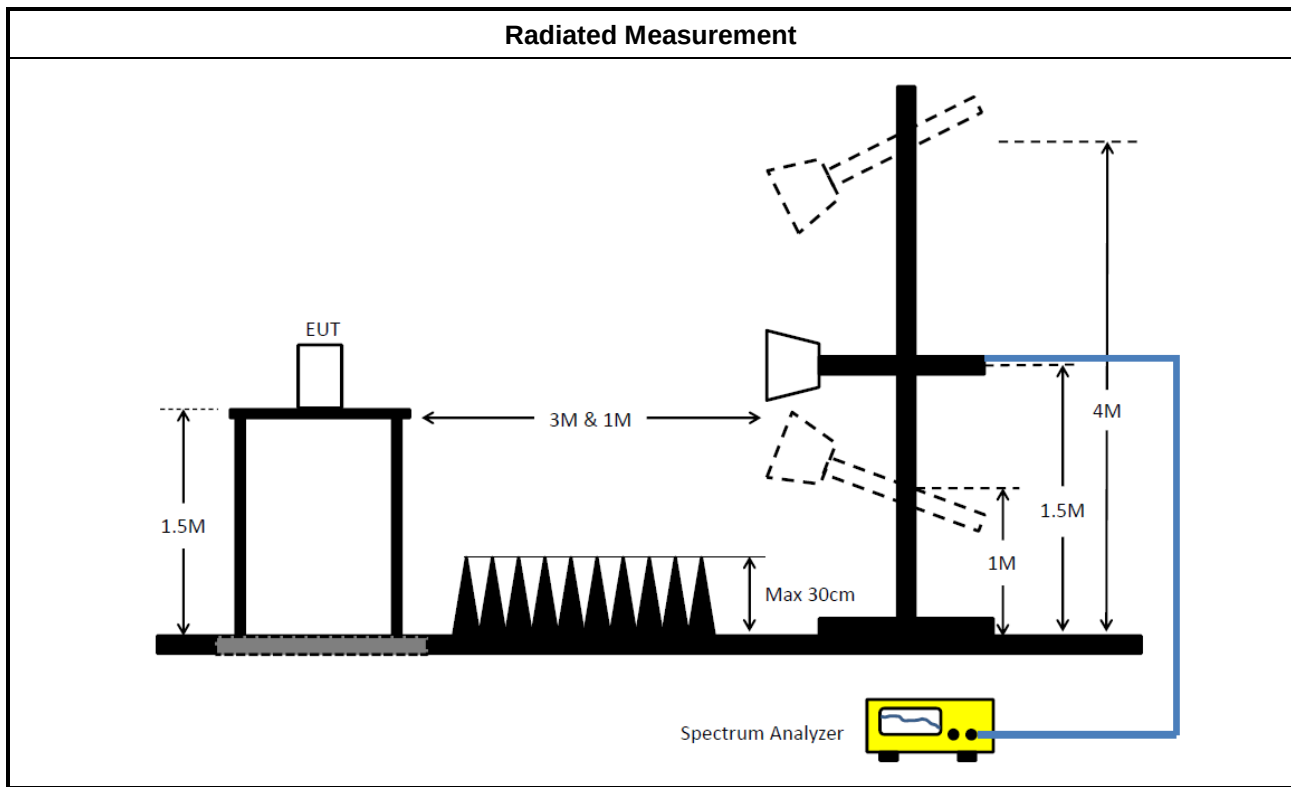
3.4.2 Measuring Instruments

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

**3.4.3 Test Procedures**

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

3.4.4 Test Setup



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

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

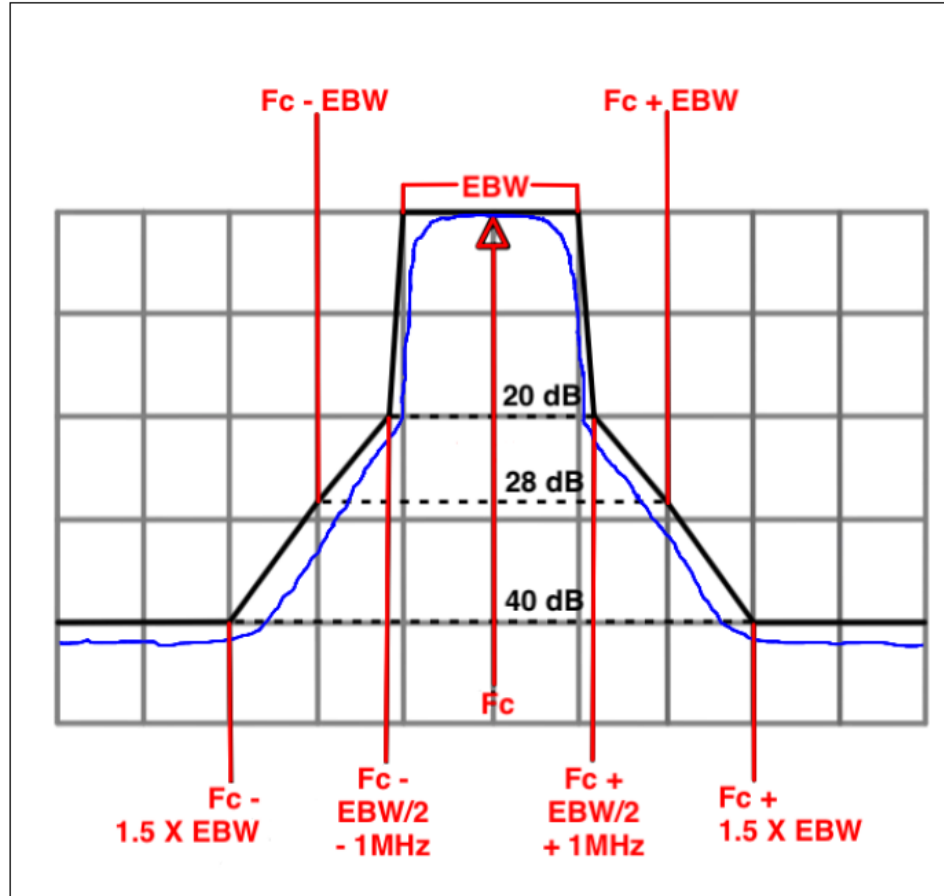
Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance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

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

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

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

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





3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
	☐ Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).
	☒ Refer as ANSI C63.10, clause 11.12.2.5.2.3 (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.	

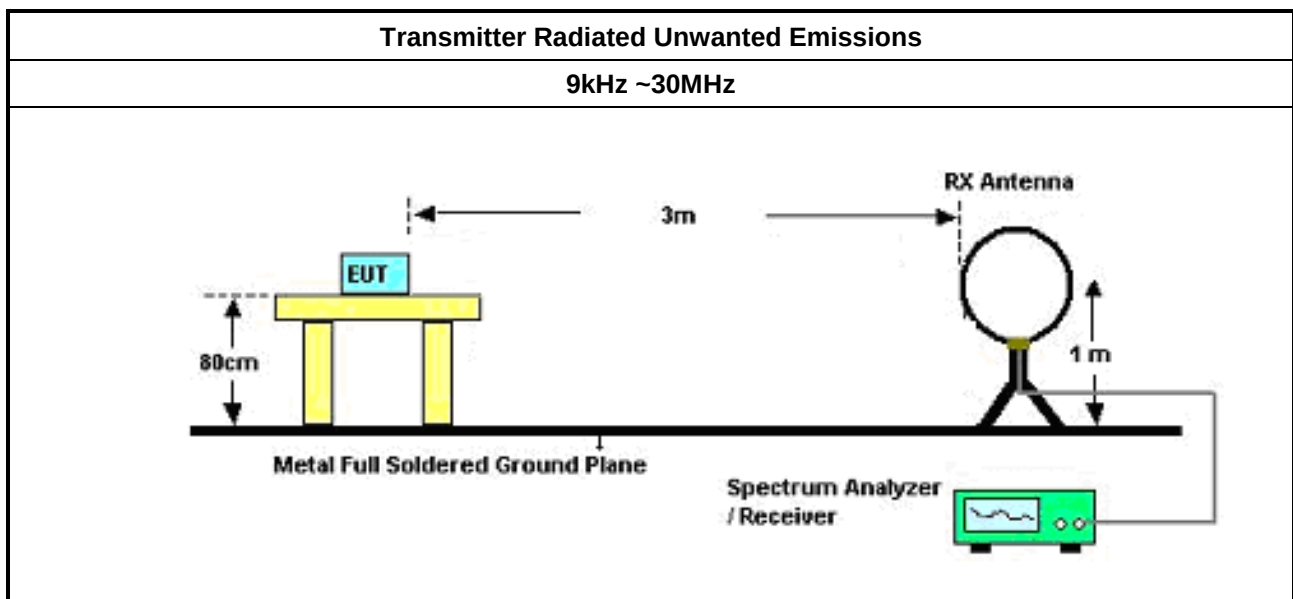
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber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

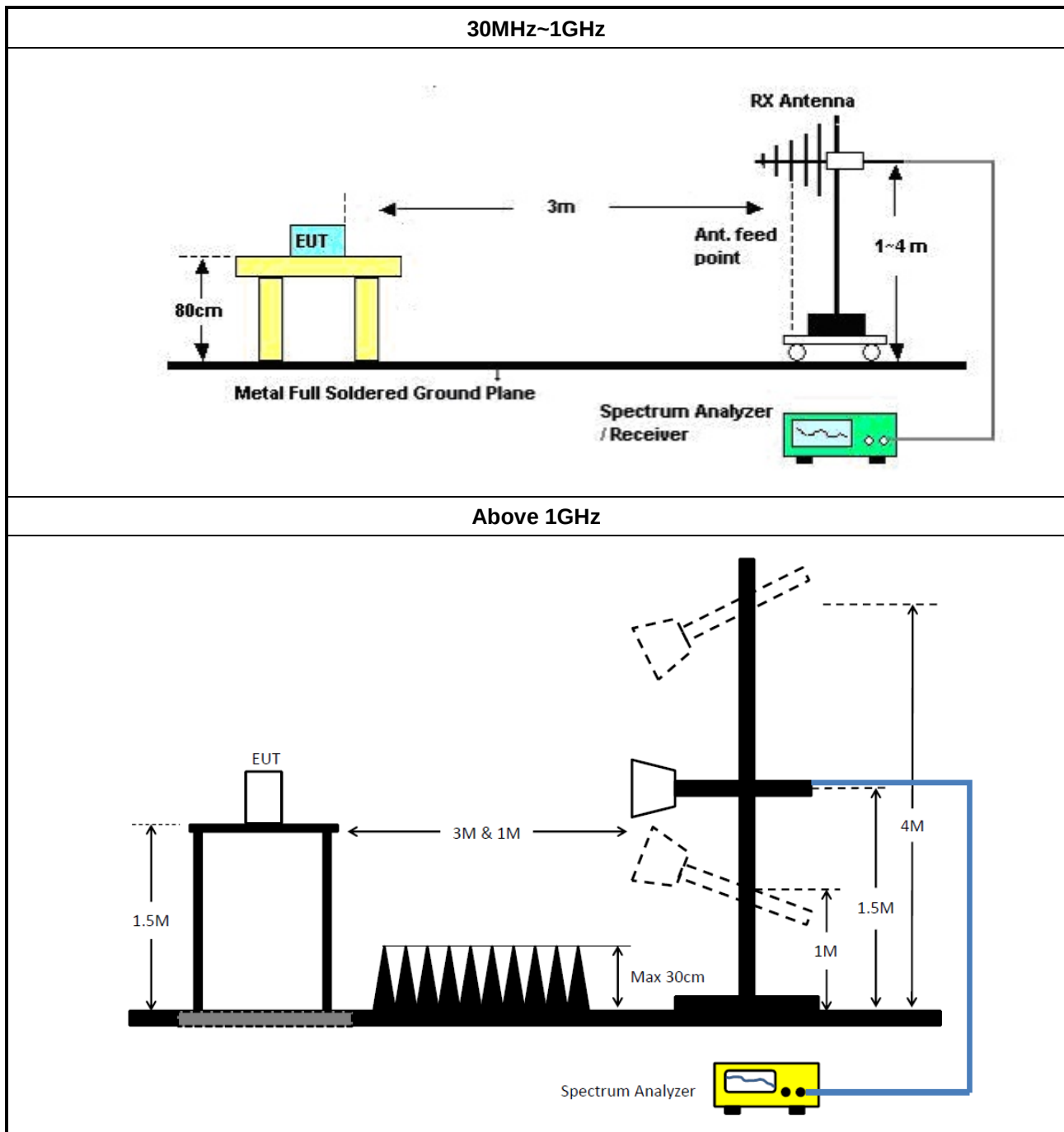
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	102051	9kHz ~ 3.6GHz	21/May/2025	20/May/2026
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101578	9kHz ~ 30MHz	11/Oct/2024	10/Oct/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	26/Feb/2025	25/Feb/2026
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	17/Oct/2024	16/Oct/2025
SENSE-EMI	Sporton	V5.11.3	N/A	N/A	N/A	N/A

Instrument for Conducted Test (TH06-HY) (Full RU)

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) (Multi-RU & Channel Puncturing & Beamforming)

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 (03CH09-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	07/Mar/2025	06/Mar/2026
Site V.S.W.R	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	06/Mar/2025	05/Mar/2026
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	01/Nov/2024	31/Oct/2025
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	09/Apr/2025	08/Apr/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	20/Dec/2024	19/Dec/2025
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	19/Jul/2024	18/Jul/2025
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MTJ6102-05	35418 & 3	30MHz~1GHz	26/Aug/2024	25/Aug/2025
RF Cable-R03m	Jye Bao	RG142	03CH09-cable-01	9kHz~1GHz	19/Feb/2025	18/Feb/2026
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	07/Oct/2024	06/Oct/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
Amplifier	EM	EM18G40GA	060874	18GHz~40GHz	18/Apr/2025	17/Apr/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	06/Dec/2024	05/Dec/2025
SENSE-15407_NII	Sporton	V5.11.23	NA	NA	NA	NA

Instrument for Radiated Test (03CH02-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Site V.S.W.R	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3M	12/Jul/2025	11/Jul/2026
Signal Analyzer	ROHDE & SCHWARZ	FSV3044	101750	10Hz~44GHz	10/Apr/2025	09/Apr/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2024	22/Sep/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	02/Jul/2025	01/Jul/2026
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-04	1GHz~40GHz	17/Jul/2025	16/Jul/2026
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	01/Oct/2024	30/Sep/2025
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~40GHz	26/Apr/2025	25/Apr/2026
SENSE-EMI	Sporton	V5.11.9	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline_Radio 3

Appendix A.1

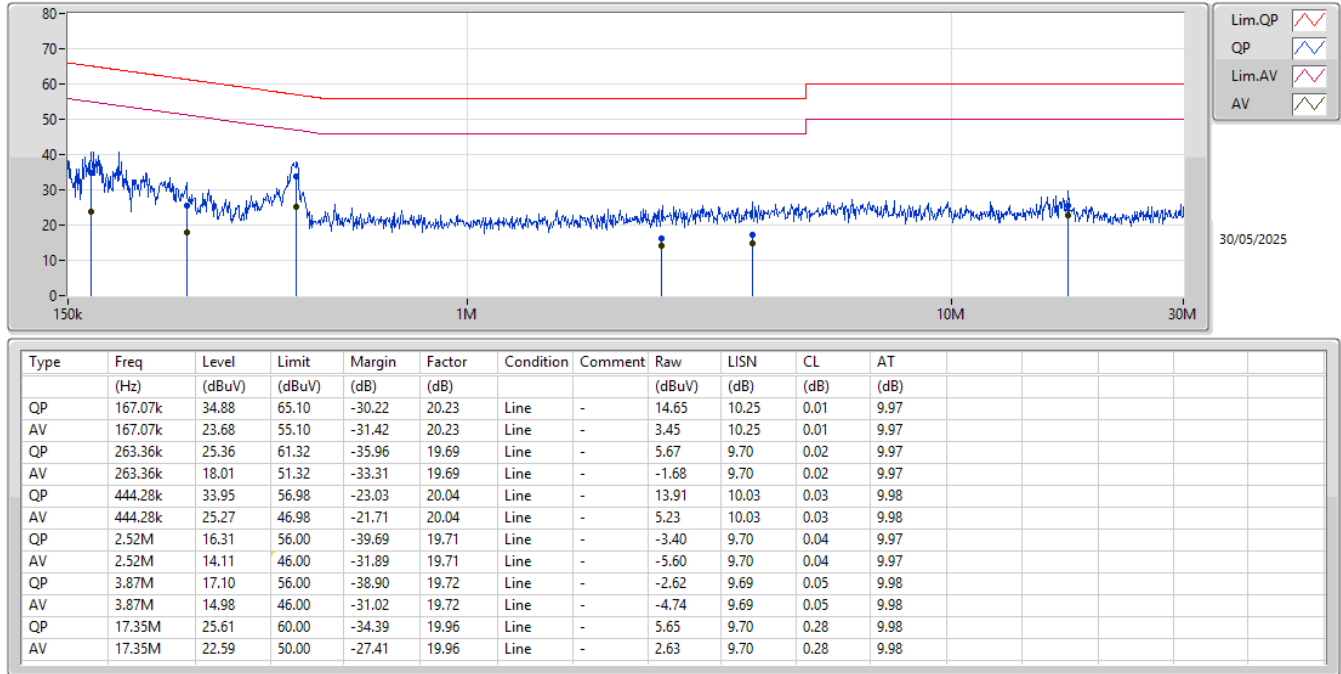
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	444.28k	25.27	46.98	-21.71	Line

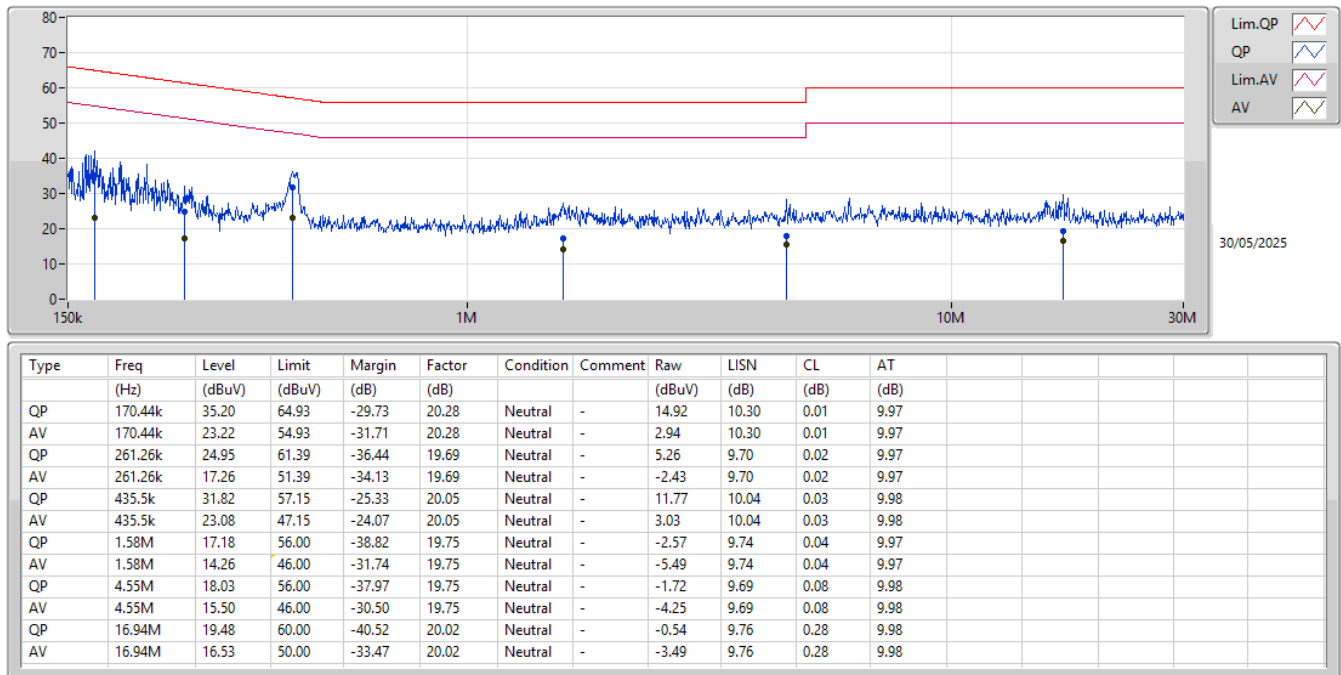
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	167.07k	34.88	65.10	-30.22	Line
Mode 1	Pass	AV	167.07k	23.68	55.10	-31.42	Line
Mode 1	Pass	QP	263.36k	25.36	61.32	-35.96	Line
Mode 1	Pass	AV	263.36k	18.01	51.32	-33.31	Line
Mode 1	Pass	QP	444.28k	33.95	56.98	-23.03	Line
Mode 1	Pass	AV	444.28k	25.27	46.98	-21.71	Line
Mode 1	Pass	QP	2.52M	16.31	56.00	-39.69	Line
Mode 1	Pass	AV	2.52M	14.11	46.00	-31.89	Line
Mode 1	Pass	QP	3.87M	17.10	56.00	-38.90	Line
Mode 1	Pass	AV	3.87M	14.98	46.00	-31.02	Line
Mode 1	Pass	QP	17.35M	25.61	60.00	-34.39	Line
Mode 1	Pass	AV	17.35M	22.59	50.00	-27.41	Line
Mode 1	Pass	QP	170.44k	35.20	64.93	-29.73	Neutral
Mode 1	Pass	AV	170.44k	23.22	54.93	-31.71	Neutral
Mode 1	Pass	QP	261.26k	24.95	61.39	-36.44	Neutral
Mode 1	Pass	AV	261.26k	17.26	51.39	-34.13	Neutral
Mode 1	Pass	QP	435.5k	31.82	57.15	-25.33	Neutral
Mode 1	Pass	AV	435.5k	23.08	47.15	-24.07	Neutral
Mode 1	Pass	QP	1.58M	17.18	56.00	-38.82	Neutral
Mode 1	Pass	AV	1.58M	14.26	46.00	-31.74	Neutral
Mode 1	Pass	QP	4.55M	18.03	56.00	-37.97	Neutral
Mode 1	Pass	AV	4.55M	15.50	46.00	-30.50	Neutral
Mode 1	Pass	QP	16.94M	19.48	60.00	-40.52	Neutral
Mode 1	Pass	AV	16.94M	16.53	50.00	-33.47	Neutral

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1





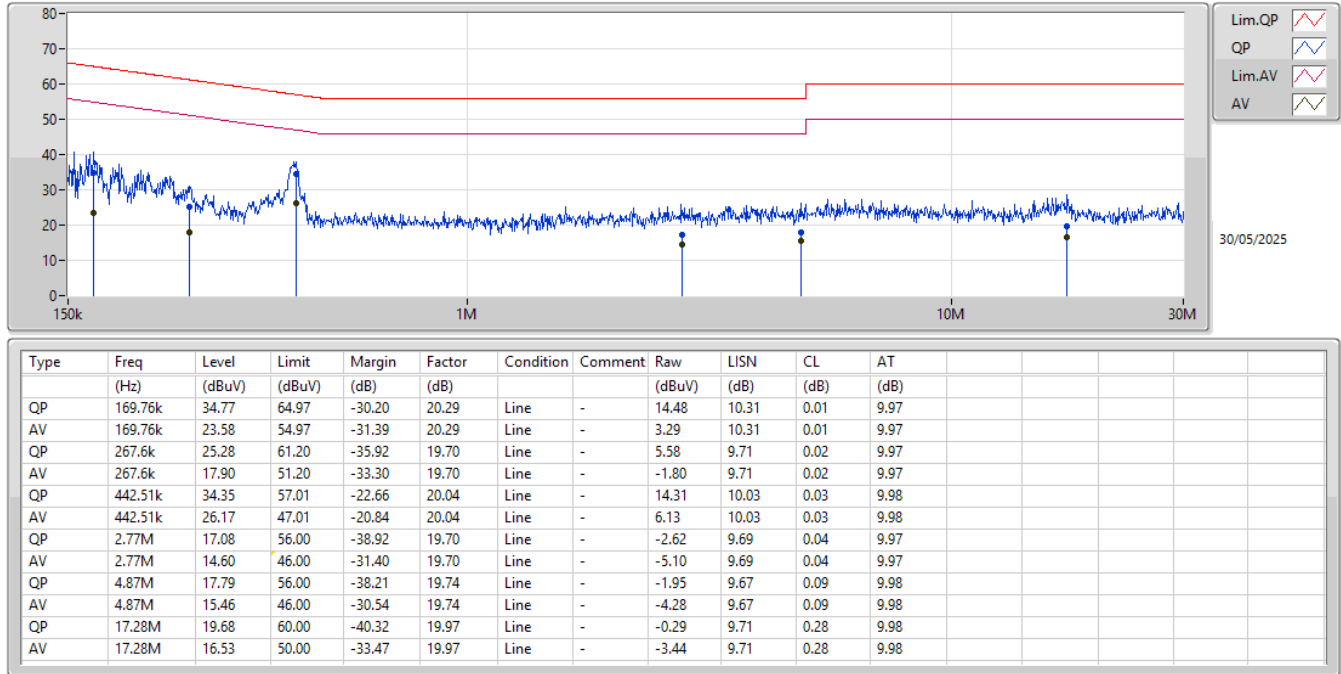
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	442.51k	26.17	47.01	-20.84	Line

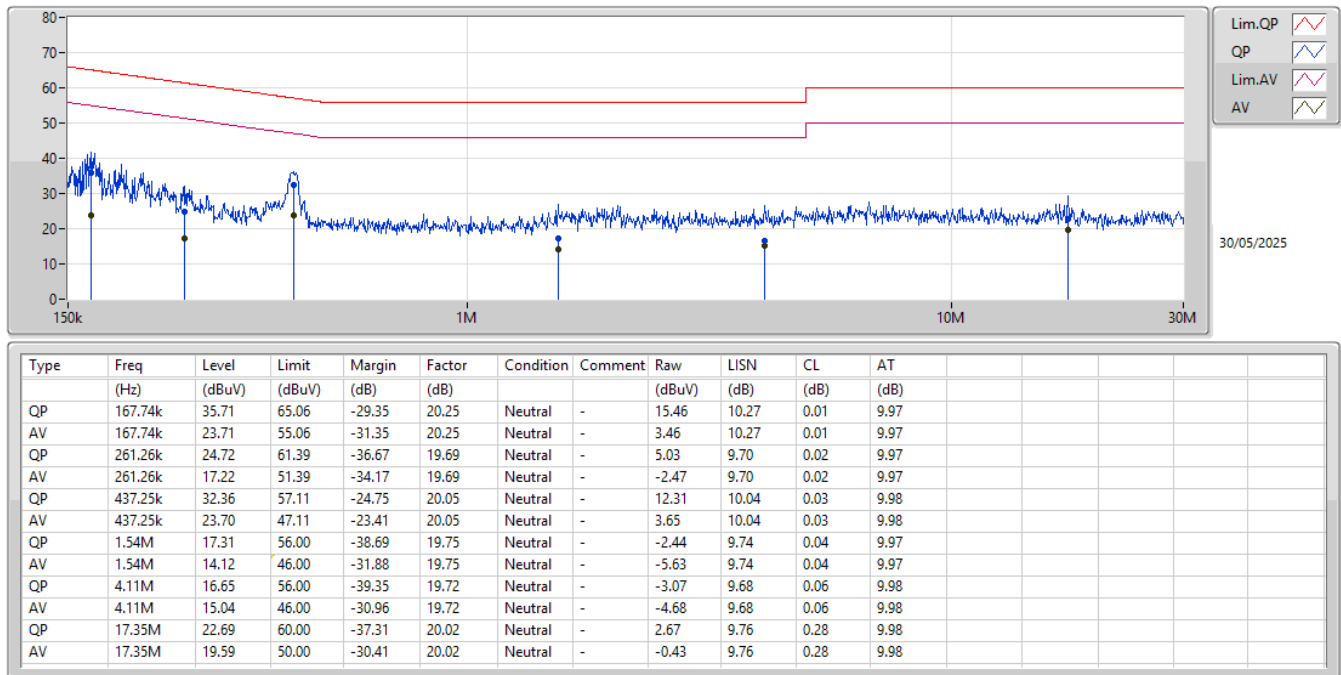
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	169.76k	34.77	64.97	-30.20	Line
Mode 1	Pass	AV	169.76k	23.58	54.97	-31.39	Line
Mode 1	Pass	QP	267.6k	25.28	61.20	-35.92	Line
Mode 1	Pass	AV	267.6k	17.90	51.20	-33.30	Line
Mode 1	Pass	QP	442.51k	34.35	57.01	-22.66	Line
Mode 1	Pass	AV	442.51k	26.17	47.01	-20.84	Line
Mode 1	Pass	QP	2.77M	17.08	56.00	-38.92	Line
Mode 1	Pass	AV	2.77M	14.60	46.00	-31.40	Line
Mode 1	Pass	QP	4.87M	17.79	56.00	-38.21	Line
Mode 1	Pass	AV	4.87M	15.46	46.00	-30.54	Line
Mode 1	Pass	QP	17.28M	19.68	60.00	-40.32	Line
Mode 1	Pass	AV	17.28M	16.53	50.00	-33.47	Line
Mode 1	Pass	QP	167.74k	35.71	65.06	-29.35	Neutral
Mode 1	Pass	AV	167.74k	23.71	55.06	-31.35	Neutral
Mode 1	Pass	QP	261.26k	24.72	61.39	-36.67	Neutral
Mode 1	Pass	AV	261.26k	17.22	51.39	-34.17	Neutral
Mode 1	Pass	QP	437.25k	32.36	57.11	-24.75	Neutral
Mode 1	Pass	AV	437.25k	23.70	47.11	-23.41	Neutral
Mode 1	Pass	QP	1.54M	17.31	56.00	-38.69	Neutral
Mode 1	Pass	AV	1.54M	14.12	46.00	-31.88	Neutral
Mode 1	Pass	QP	4.11M	16.65	56.00	-39.35	Neutral
Mode 1	Pass	AV	4.11M	15.04	46.00	-30.96	Neutral
Mode 1	Pass	QP	17.35M	22.69	60.00	-37.31	Neutral
Mode 1	Pass	AV	17.35M	19.59	50.00	-30.41	Neutral

Conducted Emissions at Powerline_Mode 2



Conducted Emissions at Powerline_Mode 2



**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)_1TX(Port2)	23.375M	19.015M	19M0D1D	21.89M	18.991M
802.11be EHT40_Nss1,(MCS0)_1TX(Port2)	42.68M	37.981M	38M0D1D	41.69M	37.931M
802.11be EHT80_Nss1,(MCS0)_1TX(Port2)	166.54M	78.561M	78M6D1D	85.14M	77.561M
802.11be EHT160_Nss1,(MCS0)_1TX(Port2)	312.84M	157.921M	158MD1D	174.68M	156.922M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	22.055M	19.065M	19M1D1D	21.505M	19.015M
802.11be EHT40_Nss1,(MCS0)_1TX(Port2)	43.12M	37.931M	37M9D1D	42.68M	37.881M
802.11be EHT80_Nss1,(MCS0)_1TX(Port2)	249.26M	127.136M	127MD1D	193.16M	79.46M
802.11be EHT160_Nss1,(MCS0)_1TX(Port2)	304.92M	161.719M	162MD1D	304.92M	161.719M

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 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-
5955MHz	Pass	Inf	21.89M	18.991M
6195MHz	Pass	Inf	22.055M	19.015M
6415MHz	Pass	Inf	23.375M	19.015M
6535MHz	Pass	Inf	21.89M	19.015M
6695MHz	Pass	Inf	22.055M	19.065M
6855MHz	Pass	Inf	21.505M	19.04M
802.11be EHT40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-
5965MHz	Pass	Inf	41.69M	37.931M
6205MHz	Pass	Inf	42.57M	37.931M
6405MHz	Pass	Inf	42.68M	37.981M
6565MHz	Pass	Inf	43.12M	37.931M
6685MHz	Pass	Inf	42.68M	37.931M
6845MHz	Pass	Inf	43.01M	37.881M
802.11be EHT80_Nss1,(MCS0)_1TX(Port2)	-	-	-	-
5985MHz	Pass	Inf	85.14M	77.561M
6225MHz	Pass	Inf	122.54M	78.261M
6385MHz	Pass	Inf	166.54M	78.561M
6625MHz	Pass	Inf	193.16M	98.751M
6705MHz	Pass	Inf	249.26M	127.136M
6785MHz	Pass	Inf	218.9M	79.46M
802.11be EHT160_Nss1,(MCS0)_1TX(Port2)	-	-	-	-
6025MHz	Pass	Inf	174.68M	156.922M
6185MHz	Pass	Inf	222.2M	157.121M
6345MHz	Pass	Inf	312.84M	157.921M
6665MHz	Pass	Inf	304.92M	161.719M

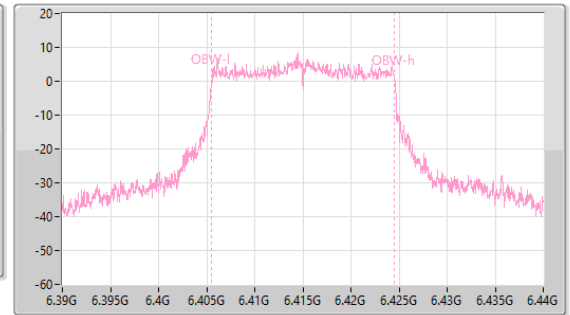
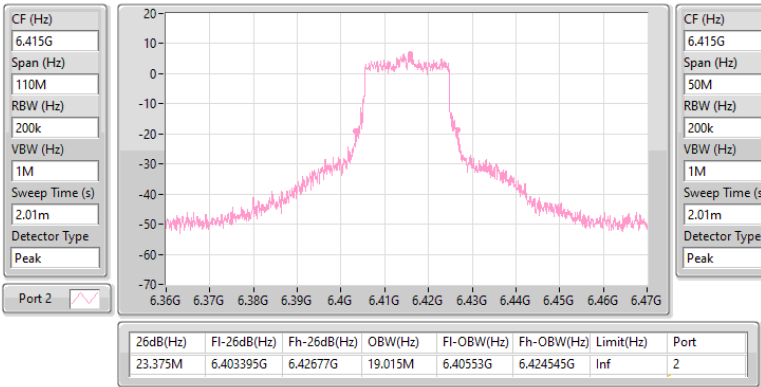
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port2)

EBW

6415MHz

16/05/2025

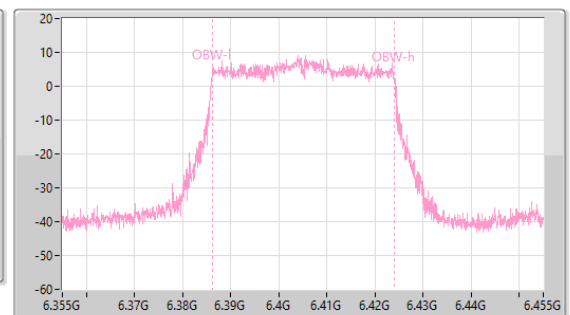
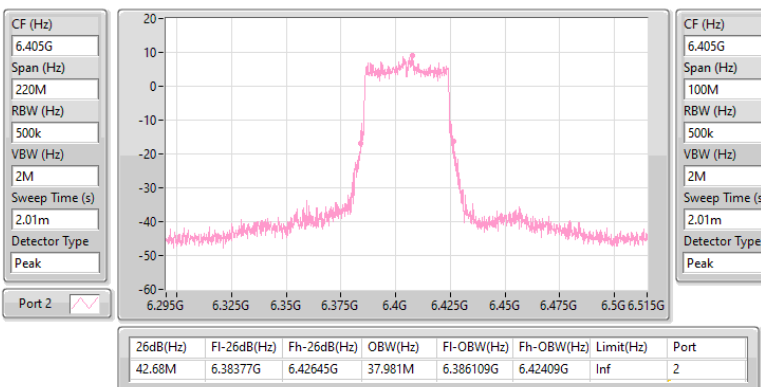


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port2)

EBW

6405MHz

16/05/2025

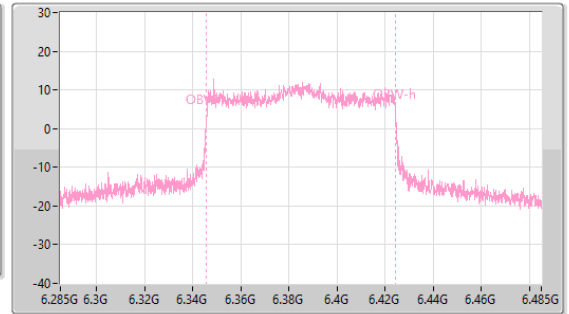
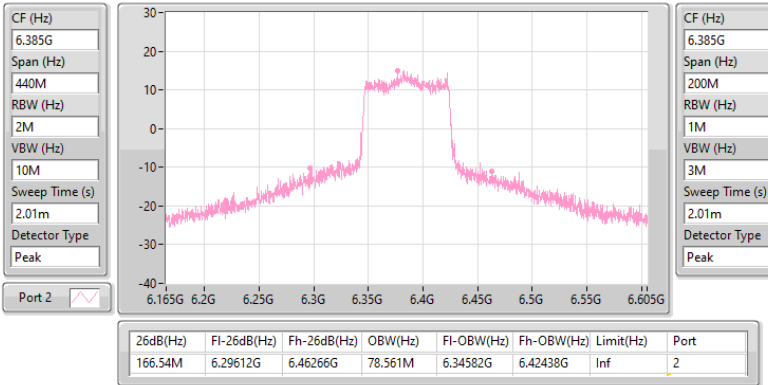


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port2)

EBW

6385MHz

29/05/2025

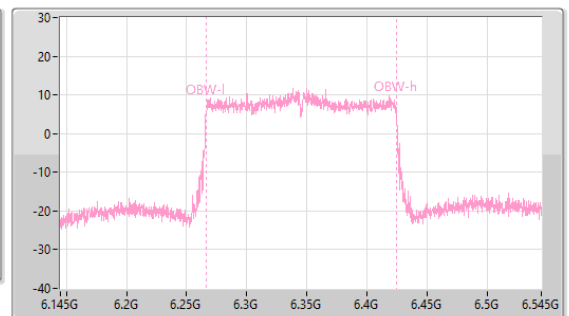
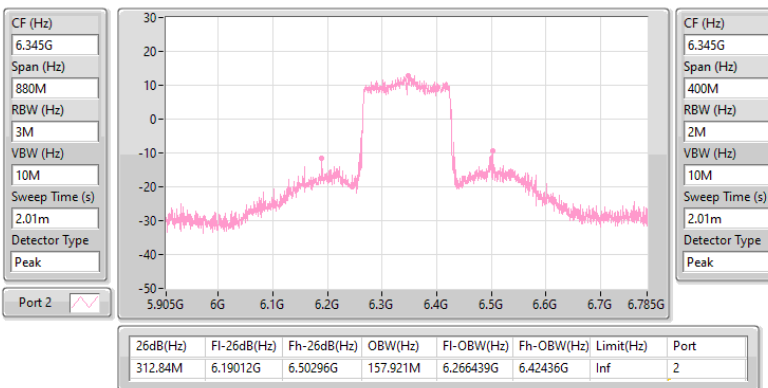


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port2)

EBW

6345MHz

29/05/2025

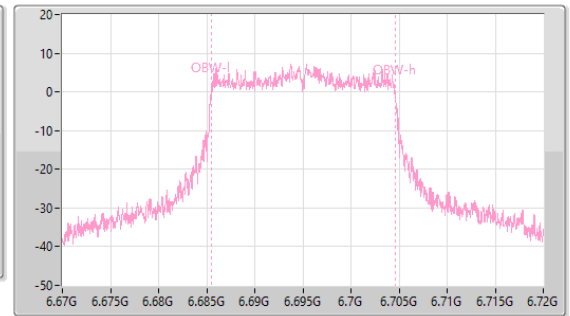
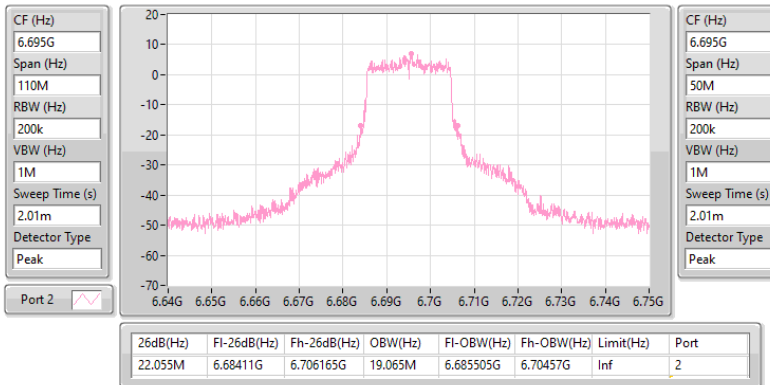


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port2)

EBW

6695MHz

16/05/2025

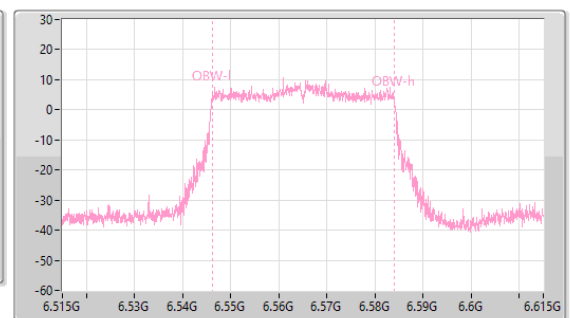
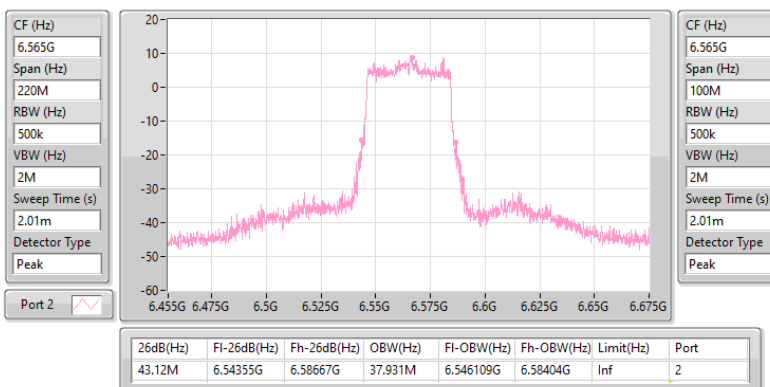


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port2)

EBW

6565MHz

16/05/2025

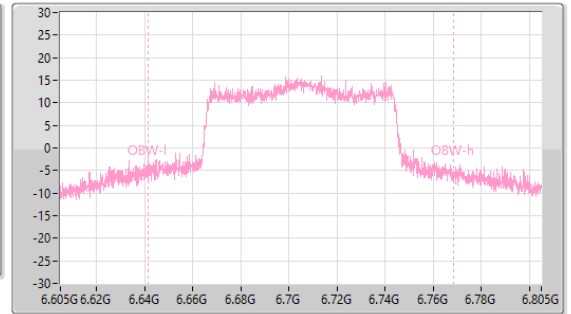
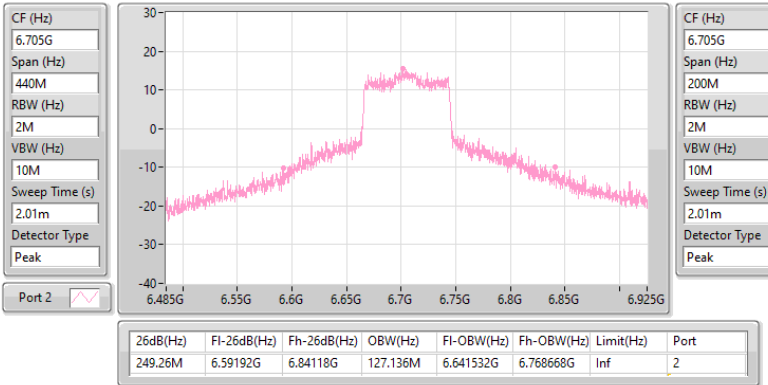


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port2)

EBW

6705MHz

29/05/2025

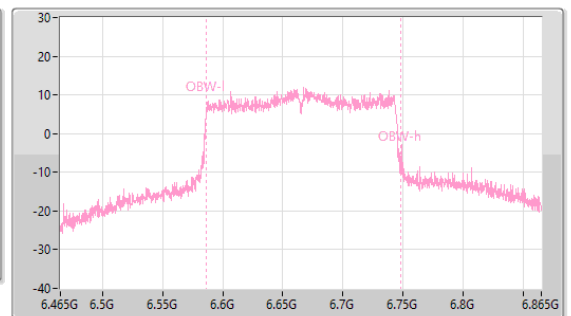
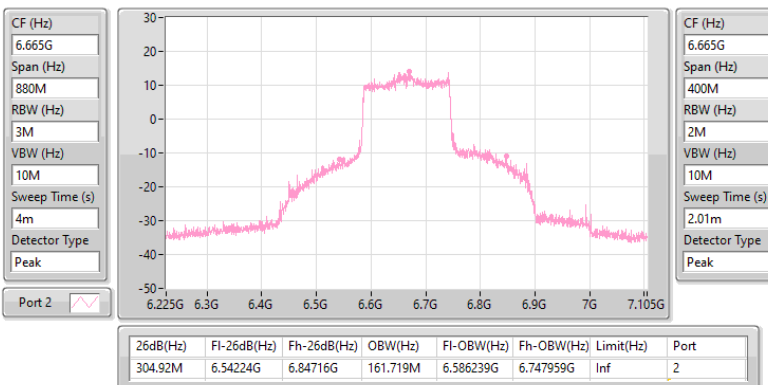


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port2)

EBW

6665MHz

29/05/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	22.22M	18.916M	18M9D1D	20.13M	18.816M
802.11be EHT40_Nss1,(MCS0)_2TX	43.78M	38.131M	38M1D1D	41.14M	37.981M
802.11be EHT80_Nss1,(MCS0)_2TX	87.12M	78.061M	78M1D1D	82.72M	77.761M
802.11be EHT160_Nss1,(MCS0)_2TX	174.68M	157.921M	158MD1D	169.4M	157.321M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	22.99M	19.09M	19M1D1D	21.56M	18.991M
802.11be EHT40_Nss1,(MCS0)_2TX	43.12M	38.031M	38M0D1D	41.25M	37.931M
802.11be EHT80_Nss1,(MCS0)_2TX	247.72M	139.53M	140MD1D	86.46M	77.661M
802.11be EHT160_Nss1,(MCS0)_2TX	174.68M	157.121M	157MD1D	171.6M	156.722M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	20.955M	18.891M	21.45M	18.916M
6195MHz	Pass	Inf	20.79M	18.816M	22.22M	18.891M
6415MHz	Pass	Inf	20.13M	18.866M	21.285M	18.916M
6535MHz	Pass	Inf	21.615M	18.991M	22.22M	18.991M
6695MHz	Pass	Inf	22.99M	19.09M	22.495M	19.065M
6855MHz	Pass	Inf	21.615M	19.04M	21.56M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	43.78M	38.031M	43.45M	38.131M
6205MHz	Pass	Inf	43.23M	38.031M	41.14M	38.131M
6405MHz	Pass	Inf	41.36M	38.081M	42.13M	37.981M
6565MHz	Pass	Inf	41.47M	37.931M	41.25M	38.031M
6685MHz	Pass	Inf	41.69M	37.931M	43.12M	37.981M
6845MHz	Pass	Inf	41.36M	38.031M	41.8M	37.981M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	82.72M	77.761M	86.02M	78.061M
6225MHz	Pass	Inf	85.36M	77.961M	84.04M	78.061M
6385MHz	Pass	Inf	83.82M	77.861M	87.12M	77.761M
6625MHz	Pass	Inf	86.46M	77.661M	146.52M	90.755M
6705MHz	Pass	Inf	159.28M	79.76M	247.72M	139.53M
6785MHz	Pass	Inf	163.24M	90.155M	207.24M	88.956M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	169.4M	157.521M	170.28M	157.521M
6185MHz	Pass	Inf	174.68M	157.721M	170.72M	157.721M
6345MHz	Pass	Inf	170.28M	157.321M	172.04M	157.921M
6665MHz	Pass	Inf	174.68M	157.121M	171.6M	156.722M

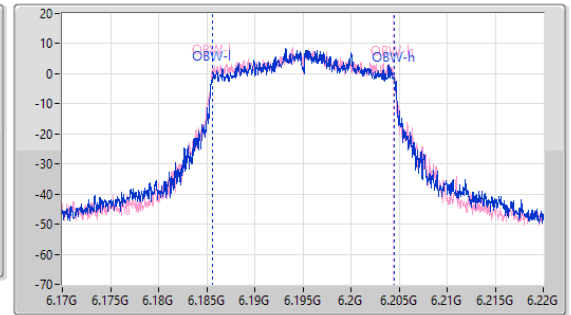
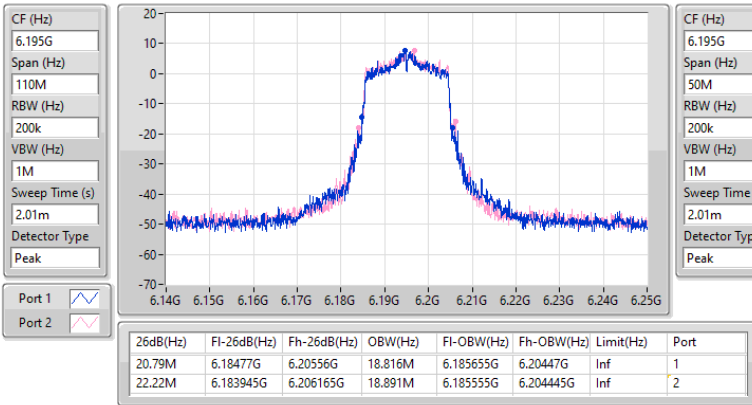
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

6195MHz

16/05/2025

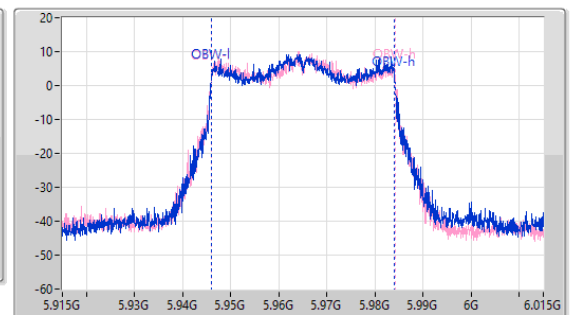
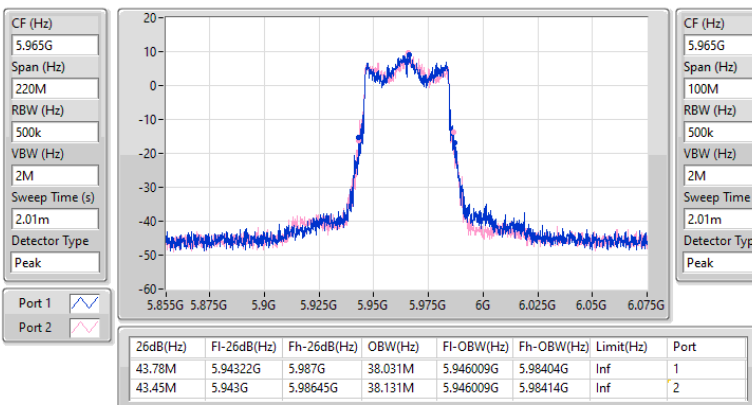


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5965MHz

16/05/2025

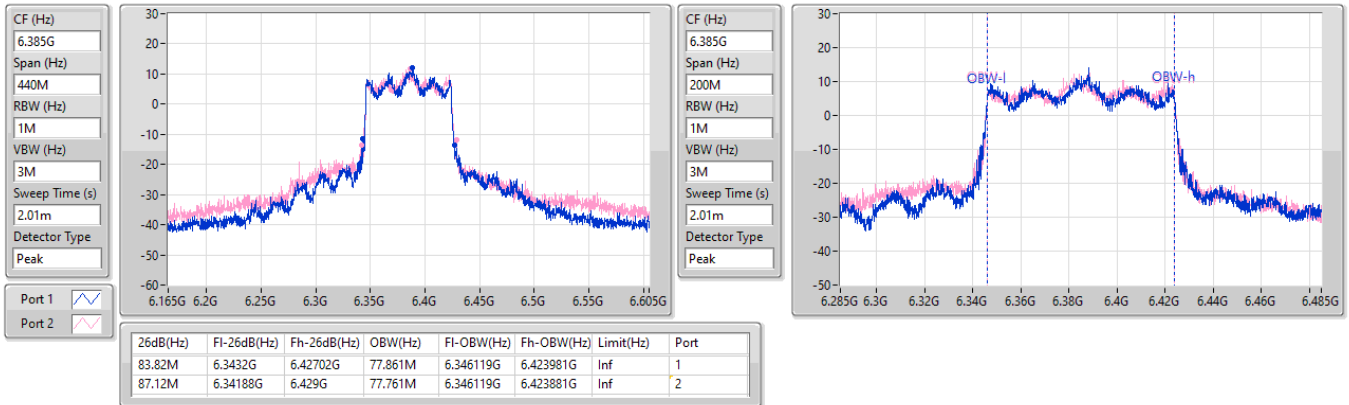


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6385MHz

29/05/2025

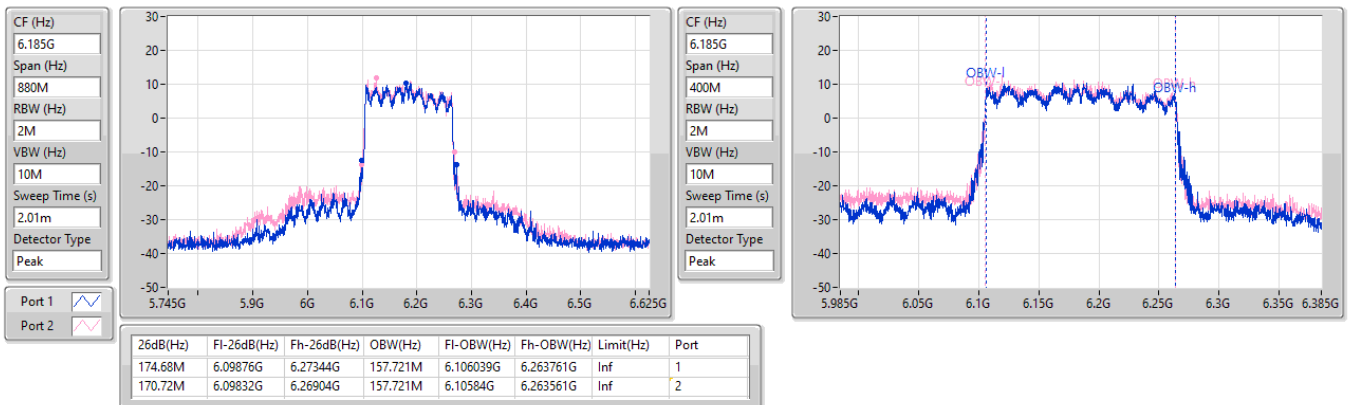


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6185MHz

29/05/2025

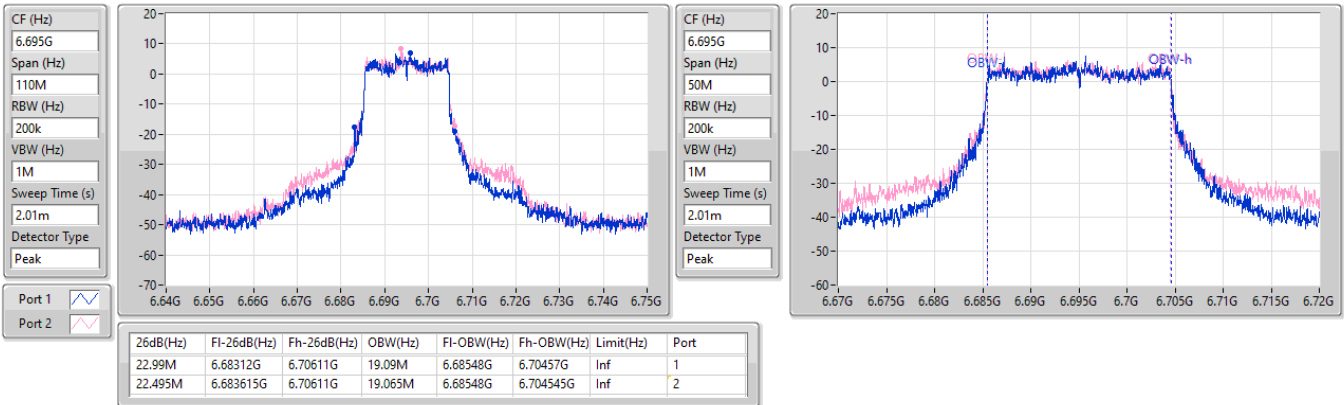


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6695MHz

16/05/2025

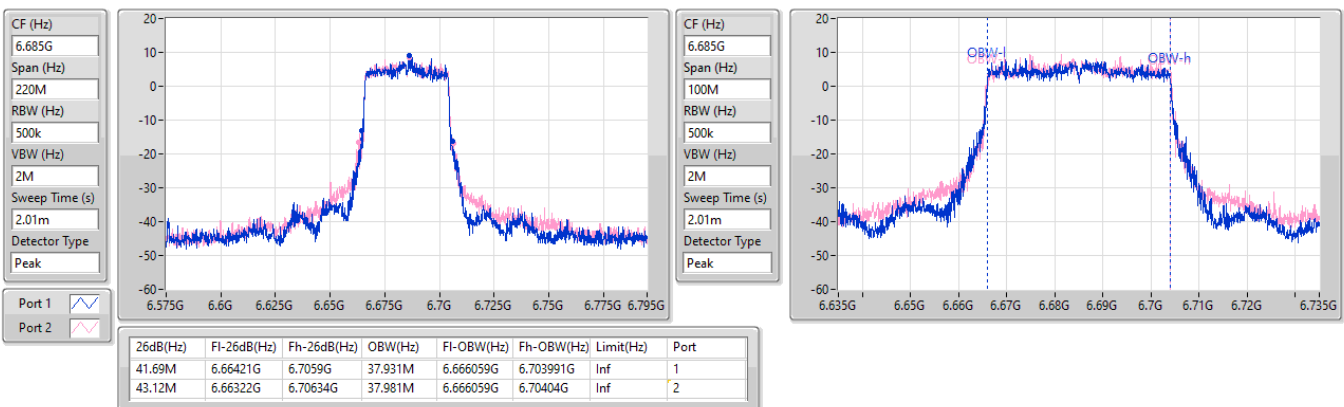


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6685MHz

16/05/2025

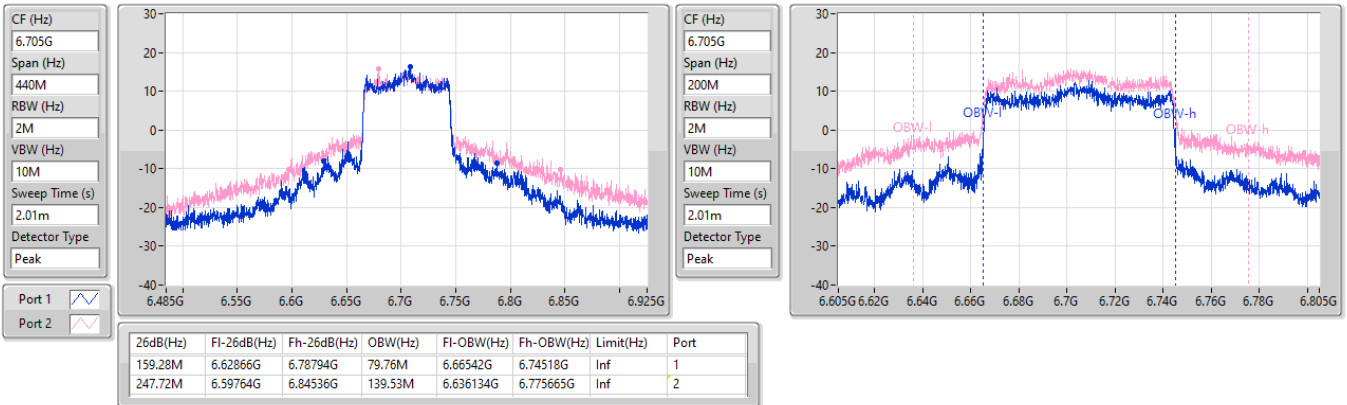


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6705MHz

29/05/2025

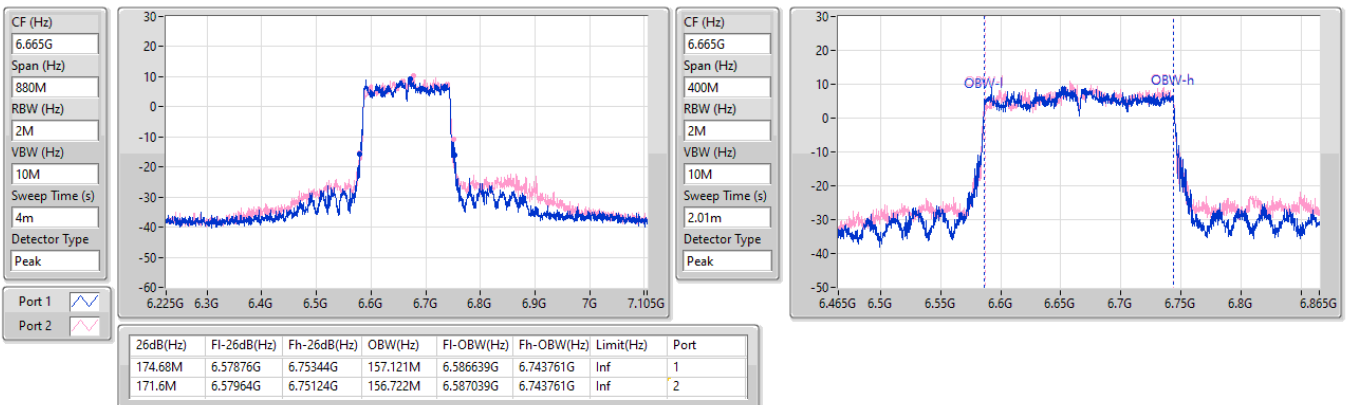


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6665MHz

16/05/2025





Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	24.97M	18.991M	19MOD1D	20.625M	18.841M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	27.005M	18.966M	19MOD1D	2	18.941M

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)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	24.97M	18.991M
6195MHz	Pass	Inf	21.56M	18.866M
6415MHz	Pass	Inf	20.625M	18.841M
6535MHz	Pass	Inf	23.595M	18.941M
6695MHz	Pass	Inf	23.925M	18.966M
6855MHz	Pass	Inf	27.005M	18.966M

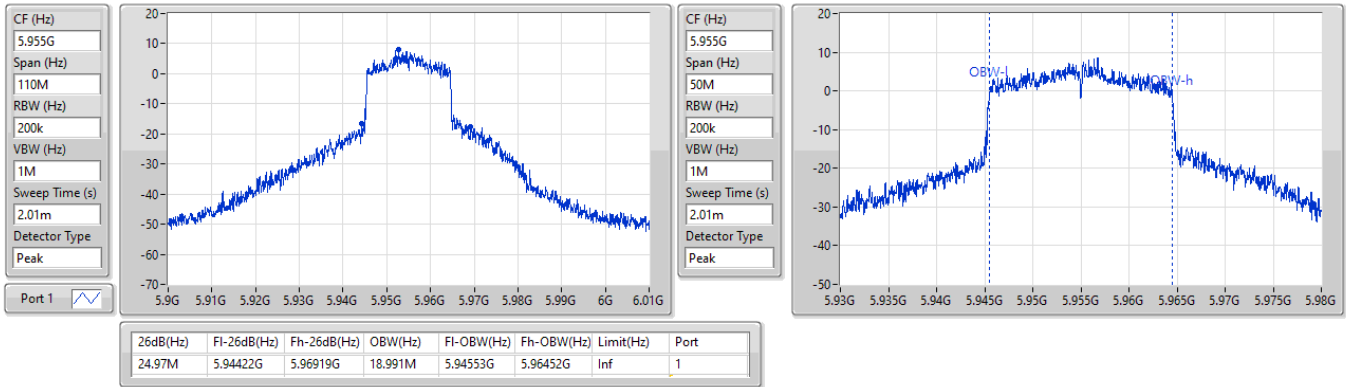
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5955MHz

14/06/2025

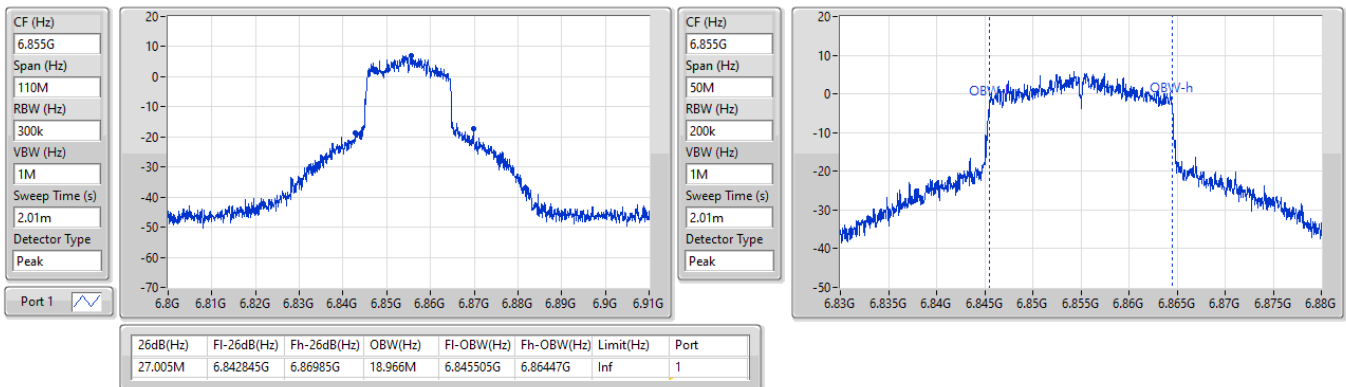


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6855MHz

14/06/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	22.055M	19.065M	19M1D1D	20.79M	18.916M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	43.89M	38.031M	38M0D1D	41.47M	37.881M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	87.12M	77.961M	78M0D1D	84.04M	77.461M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	175.12M	157.121M	157MD1D	168.96M	156.722M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	22.495M	19.09M	19M1D1D	21.34M	18.966M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	44.22M	37.981M	38M0D1D	42.13M	37.831M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	87.56M	77.661M	77M7D1D	83.6M	77.161M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	172.48M	157.121M	157MD1D	168.52M	156.322M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	20.845M	19.04M	22.055M	19.065M
6195MHz	Pass	Inf	20.79M	18.916M	21.45M	18.916M
6415MHz	Pass	Inf	20.79M	18.916M	21.505M	18.916M
6535MHz	Pass	Inf	21.78M	19.09M	21.67M	18.966M
6695MHz	Pass	Inf	22.495M	19.065M	22.44M	19.065M
6855MHz	Pass	Inf	21.615M	19.015M	21.34M	19.015M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	43.78M	37.931M	41.47M	37.931M
6205MHz	Pass	Inf	42.02M	38.031M	43.89M	37.881M
6405MHz	Pass	Inf	43.12M	38.031M	43.34M	37.931M
6565MHz	Pass	Inf	42.13M	37.831M	44M	37.981M
6685MHz	Pass	Inf	42.57M	37.981M	43.56M	37.981M
6845MHz	Pass	Inf	44.22M	37.981M	43.12M	37.931M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	85.8M	77.461M	86.02M	77.461M
6225MHz	Pass	Inf	87.12M	77.461M	84.04M	77.961M
6385MHz	Pass	Inf	84.26M	77.761M	86.68M	77.461M
6625MHz	Pass	Inf	87.56M	77.561M	87.56M	77.161M
6705MHz	Pass	Inf	86.68M	77.461M	86.9M	77.461M
6785MHz	Pass	Inf	83.6M	77.661M	85.14M	77.461M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	172.48M	156.722M	172.48M	156.922M
6185MHz	Pass	Inf	168.96M	157.121M	171.6M	156.922M
6345MHz	Pass	Inf	175.12M	156.922M	172.48M	156.922M
6665MHz	Pass	Inf	172.48M	157.121M	168.52M	156.322M

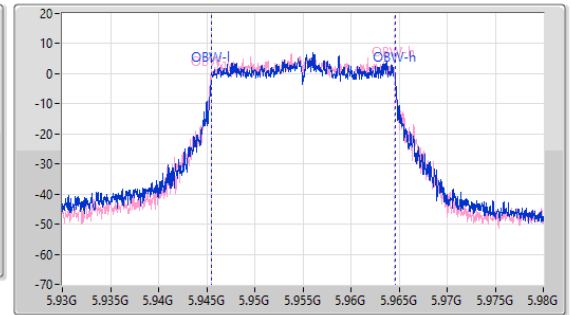
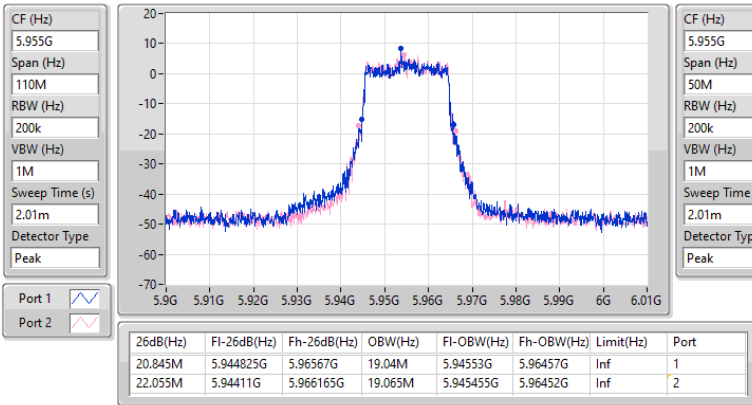
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5955MHz

25/06/2025

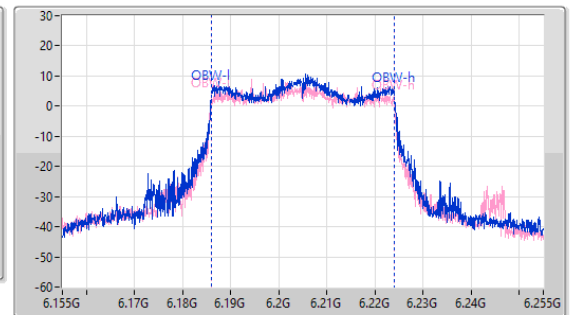
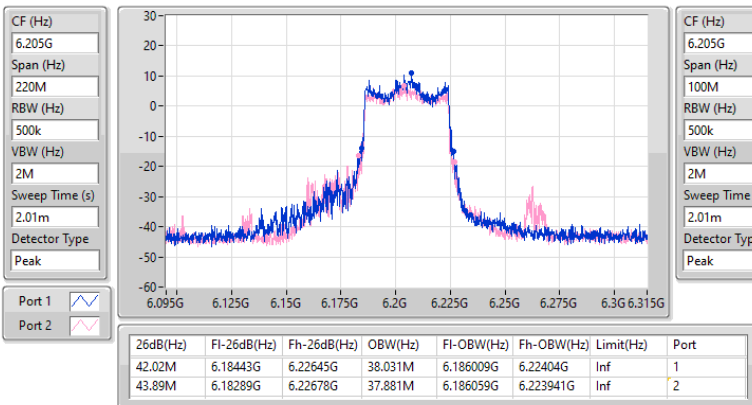


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6205MHz

26/06/2025

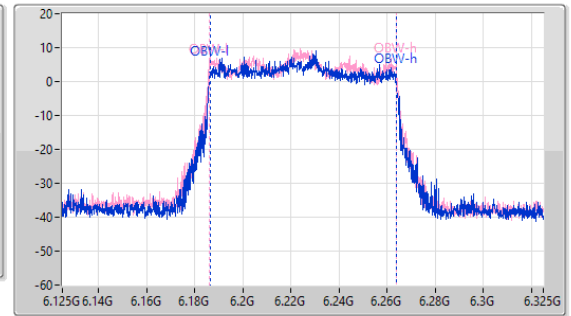
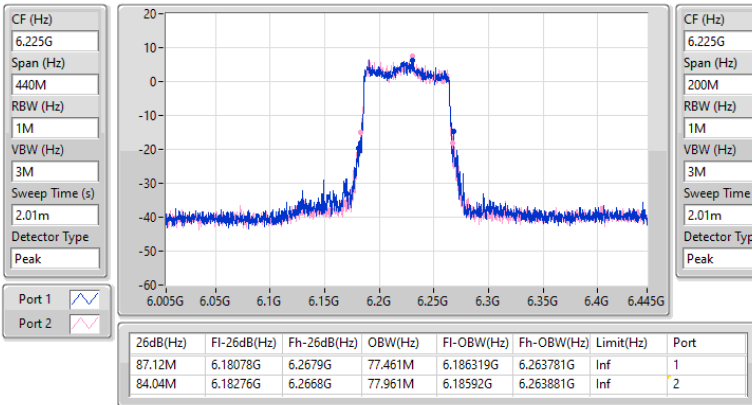


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

6225MHz

26/06/2025

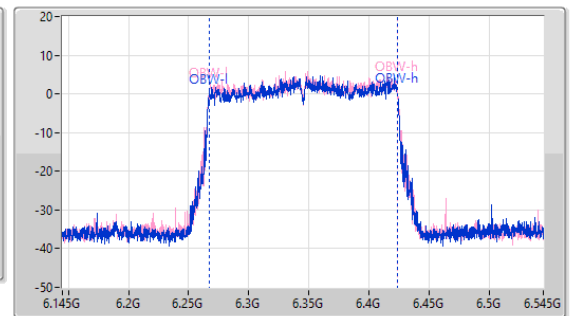
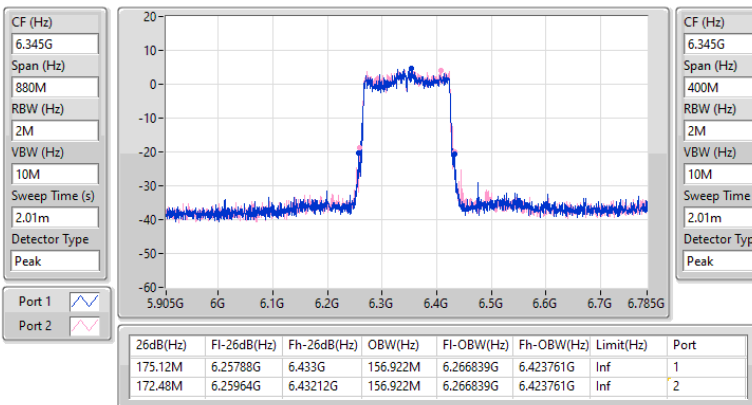


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

EBW

6345MHz

26/06/2025

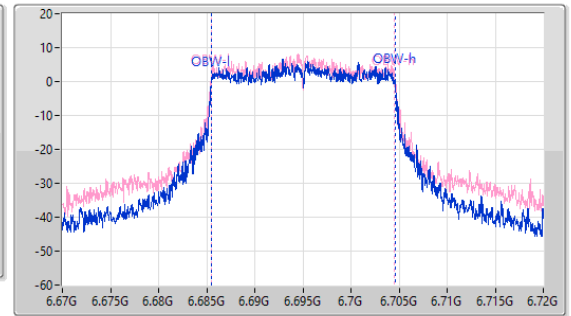
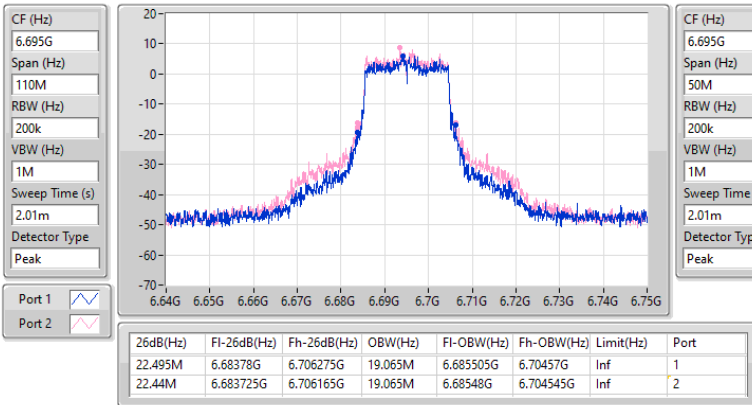


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

6695MHz

25/06/2025

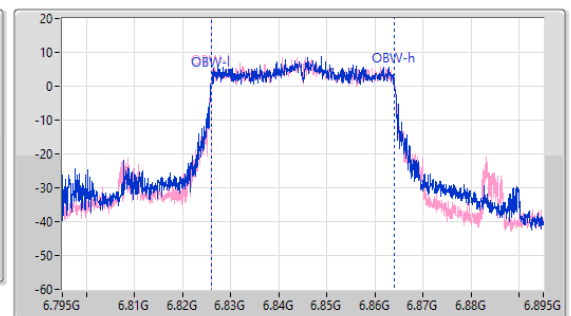
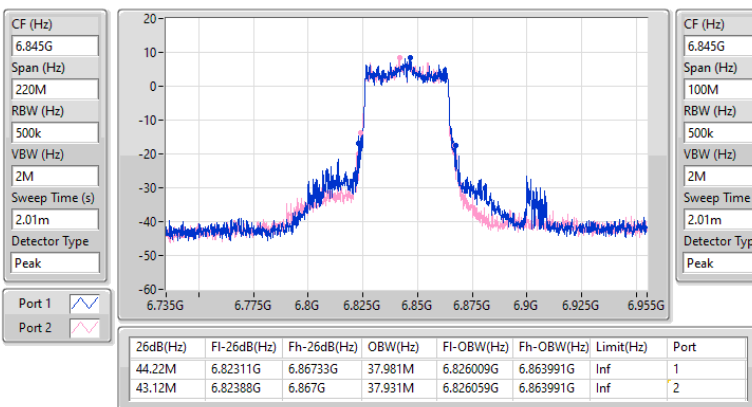


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6845MHz

26/06/2025

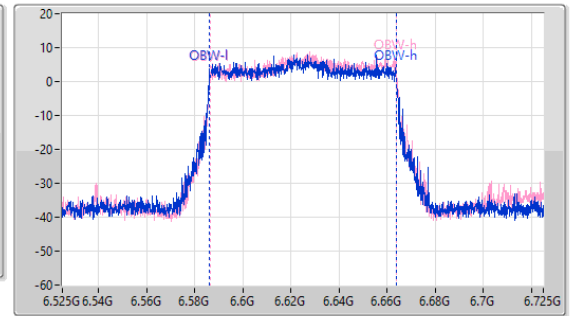
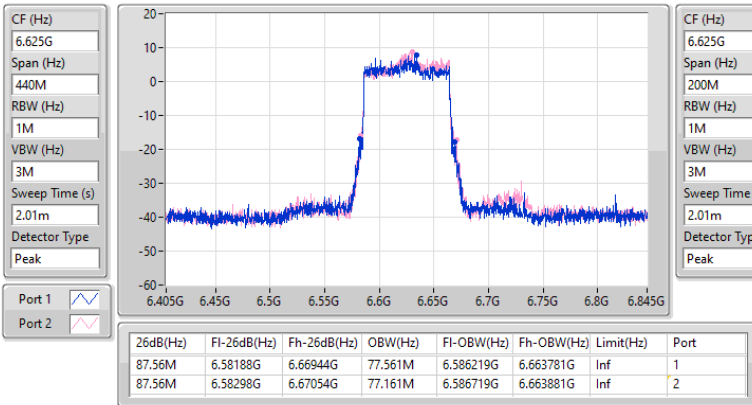


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

6625MHz

26/06/2025

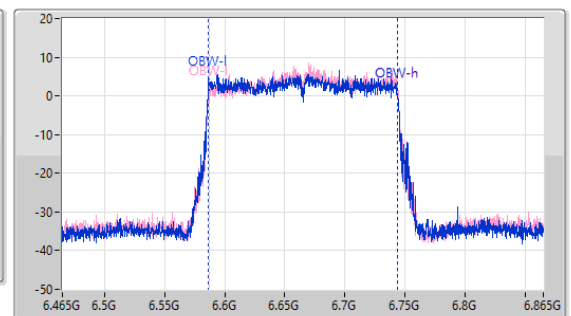
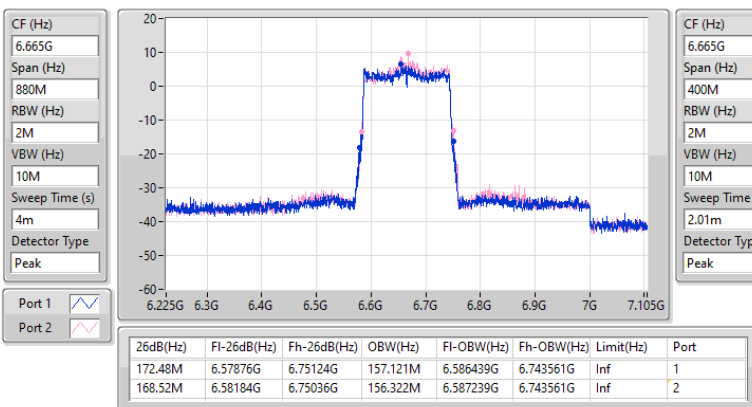


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

EBW

6665MHz

26/06/2025



**Summary**

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	22.13	0.16331
802.11be EHT40_Nss1,(MCS0)_1TX(Port2)	21.87	0.15382
802.11be EHT80_Nss1,(MCS0)_1TX(Port2)	24.34	0.27164
802.11be EHT160_Nss1,(MCS0)_1TX(Port2)	23.54	0.22594
6.525-6.875GHz	-	-
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	22.83	0.19187
802.11be EHT40_Nss1,(MCS0)_1TX(Port2)	22.78	0.18967
802.11be EHT80_Nss1,(MCS0)_1TX(Port2)	25.26	0.33574
802.11be EHT160_Nss1,(MCS0)_1TX(Port2)	24.00	0.25119

**Result**

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-
5955MHz	Pass	20.09	36.00
6195MHz	Pass	21.63	36.00
6415MHz	Pass	22.13	36.00
6535MHz	Pass	22.32	36.00
6695MHz	Pass	22.83	36.00
6855MHz	Pass	21.08	36.00
802.11be EHT40_Nss1,(MCS0)_1TX(Port2)	-	-	-
5965MHz	Pass	20.13	36.00
6205MHz	Pass	21.07	36.00
6405MHz	Pass	21.87	36.00
6565MHz	Pass	22.70	36.00
6685MHz	Pass	22.78	36.00
6845MHz	Pass	21.22	36.00
802.11be EHT80_Nss1,(MCS0)_1TX(Port2)	-	-	-
5985MHz	Pass	23.66	36.00
6225MHz	Pass	24.06	36.00
6385MHz	Pass	24.34	36.00
6625MHz	Pass	25.26	36.00
6705MHz	Pass	24.59	36.00
6785MHz	Pass	24.17	36.00
802.11be EHT160_Nss1,(MCS0)_1TX(Port2)	-	-	-
6025MHz	Pass	22.82	36.00
6185MHz	Pass	23.54	36.00
6345MHz	Pass	23.29	36.00
6665MHz	Pass	24.00	36.00

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

14/05/2025

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

CF Freq
6.415GHz

Span
50MHz

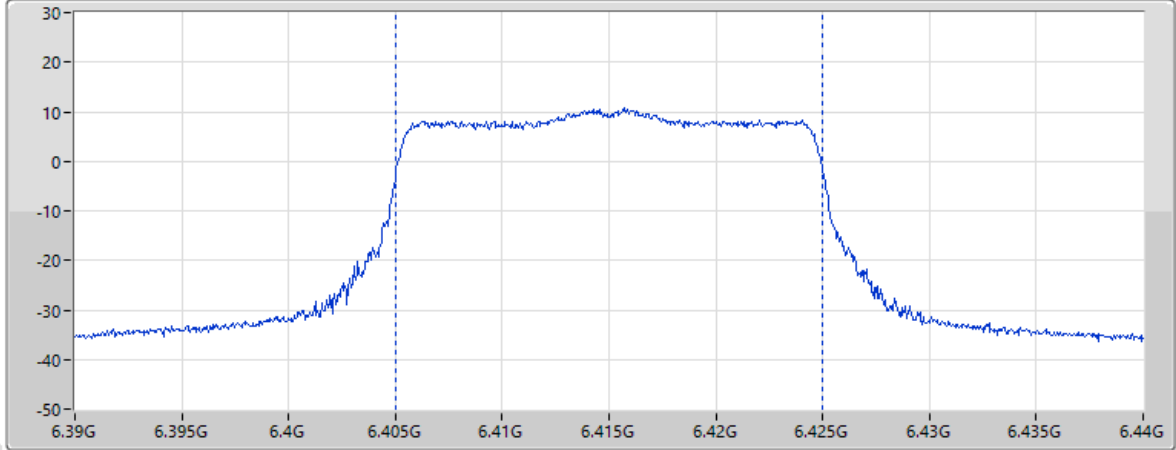
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
20MHz



Page 8

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
22.13				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
2.07	11.67	8.78	35.24	58.19

14/05/2025

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

CF Freq
6.405GHz

Span
100MHz

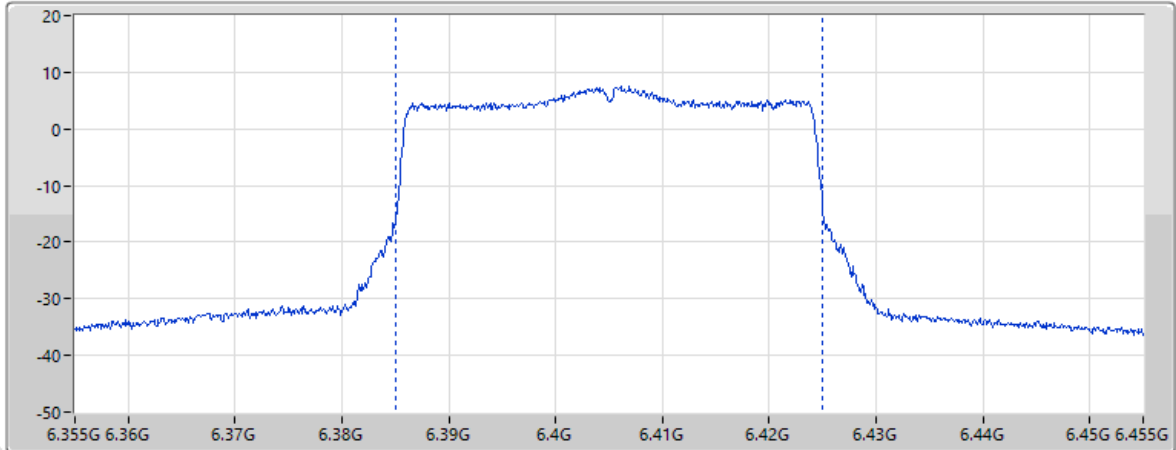
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
40MHz



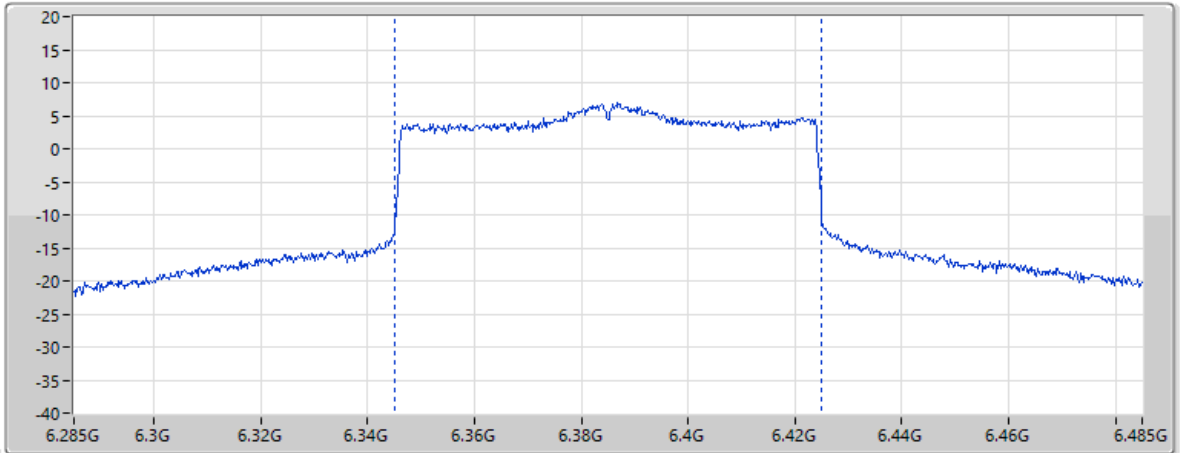
Page 8

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
21.87				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
1.84	11.69	8.78	35.23	58.17

26/05/2025

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

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



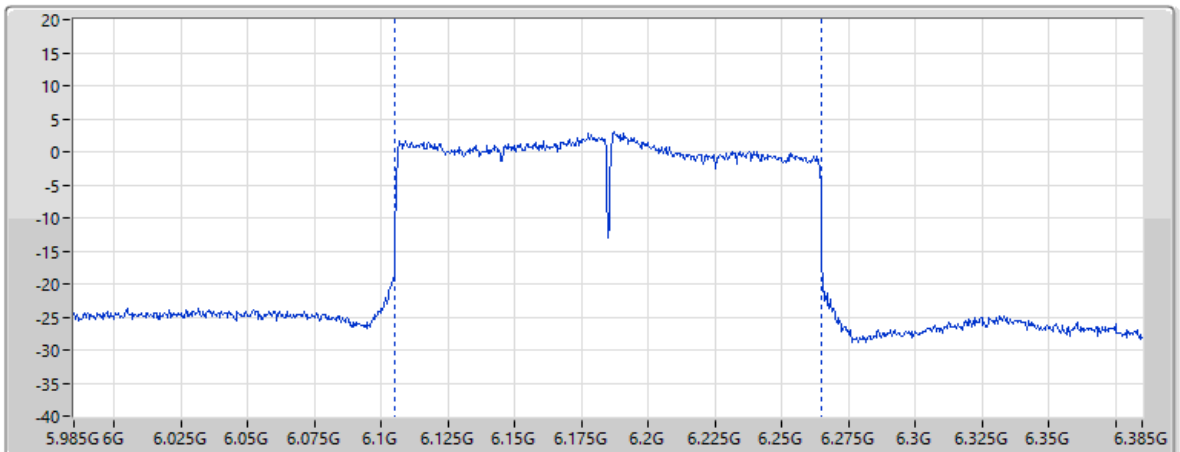
Page 8

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
24.34				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
4.38	11.73	8.76	35.22	58.15

26/05/2025

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

CF Freq
6.185GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
160MHz



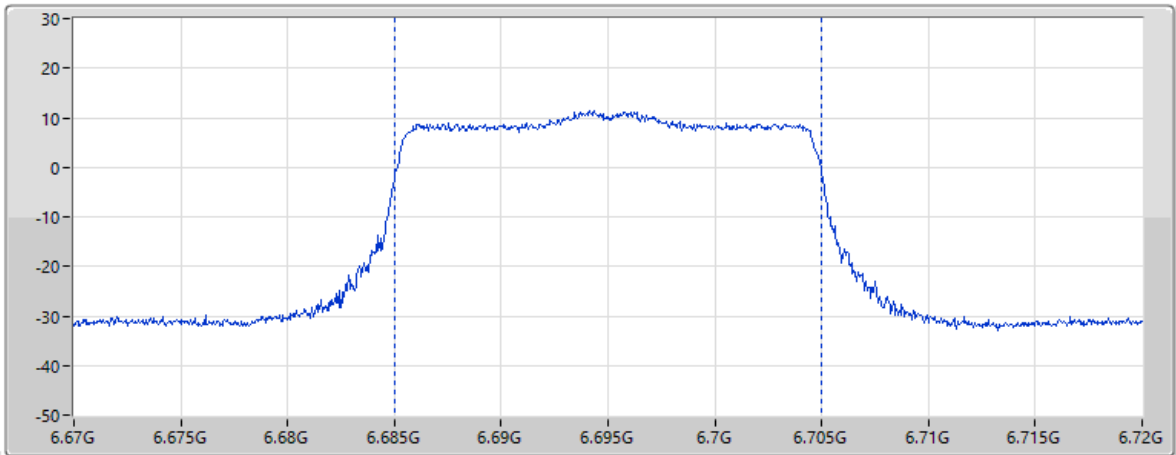
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EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
23.54				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
4.26	11.90	8.45	35.14	57.87

10/05/2025

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

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



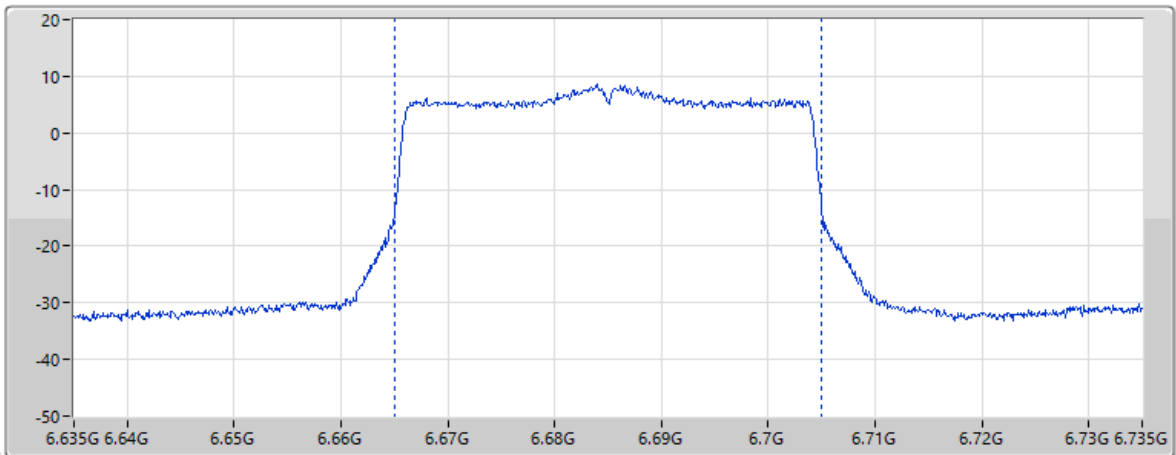
Page 8

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
22.83				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
1.53	10.90	8.77	35.13	58.56

10/05/2025

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

CF Freq
6.685GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
40MHz



Page 8

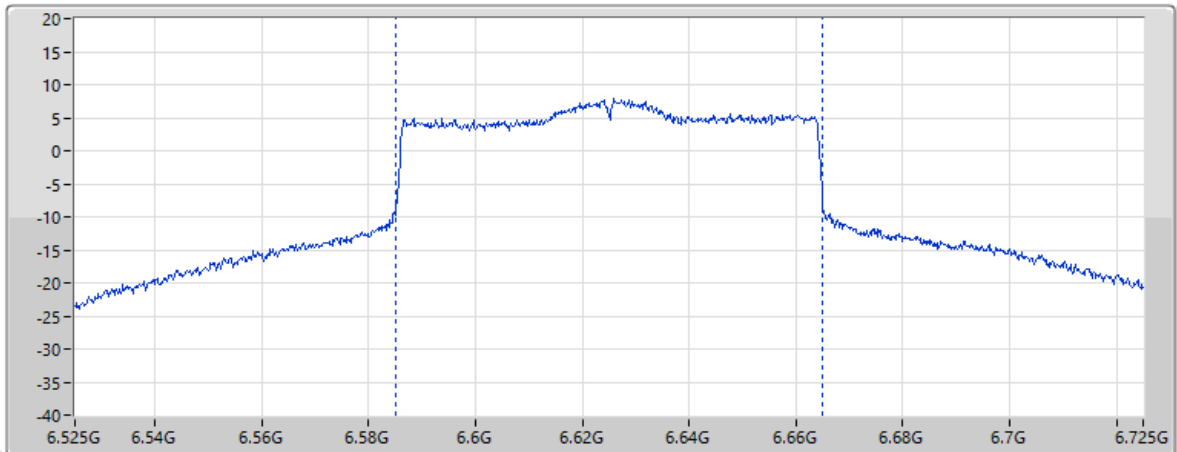
EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
22.78				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
1.50	10.90	8.77	35.13	58.54



10/05/2025

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

CF Freq
6.625GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
80MHz



Page 8

EIRP (dBm)
25.26

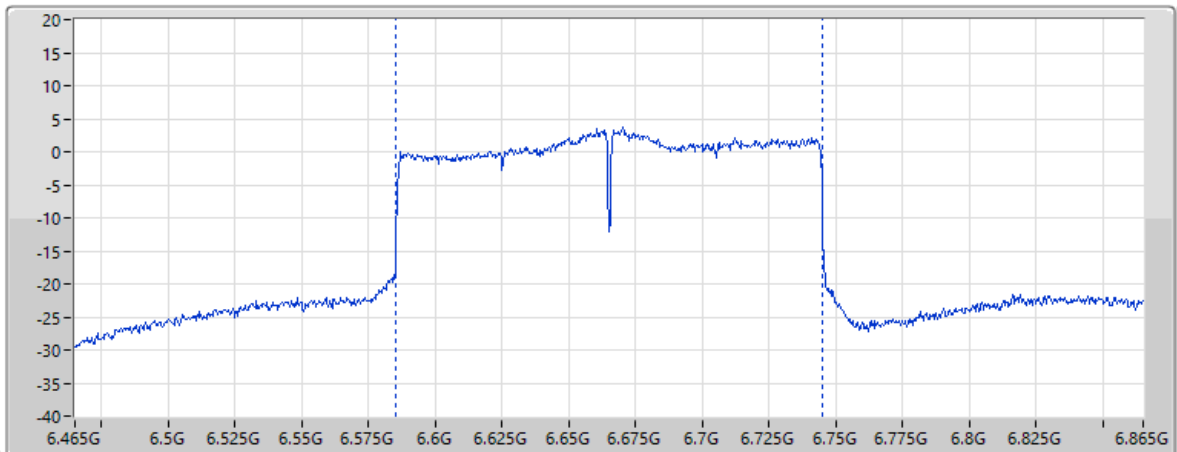
EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
4.15	10.95	8.77	35.18	58.47

26/05/2025

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

CF Freq
6.665GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
160MHz



Page 8

EIRP (dBm)
24

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
2.76	10.90	8.77	35.15	58.52

**Summary**

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	23.13	0.20559
802.11be EHT40_Nss1,(MCS0)_2TX	22.89	0.19454
802.11be EHT80_Nss1,(MCS0)_2TX	25.32	0.34041
802.11be EHT160_Nss1,(MCS0)_2TX	24.45	0.27861
6.525-6.875GHz	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	23.22	0.20989
802.11be EHT40_Nss1,(MCS0)_2TX	23.14	0.20606
802.11be EHT80_Nss1,(MCS0)_2TX	25.88	0.38726
802.11be EHT160_Nss1,(MCS0)_2TX	23.20	0.20893

**Result**

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	22.77	36.00
6195MHz	Pass	23.13	36.00
6415MHz	Pass	21.96	36.00
6535MHz	Pass	22.11	36.00
6695MHz	Pass	22.54	36.00
6855MHz	Pass	23.22	36.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	22.57	36.00
6205MHz	Pass	22.89	36.00
6405MHz	Pass	21.54	36.00
6565MHz	Pass	21.90	36.00
6685MHz	Pass	22.19	36.00
6845MHz	Pass	23.14	36.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	23.82	36.00
6225MHz	Pass	25.32	36.00
6385MHz	Pass	22.56	36.00
6625MHz	Pass	25.51	36.00
6705MHz	Pass	25.71	36.00
6785MHz	Pass	25.88	36.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	24.45	36.00
6185MHz	Pass	24.09	36.00
6345MHz	Pass	21.52	36.00
6665MHz	Pass	23.20	36.00

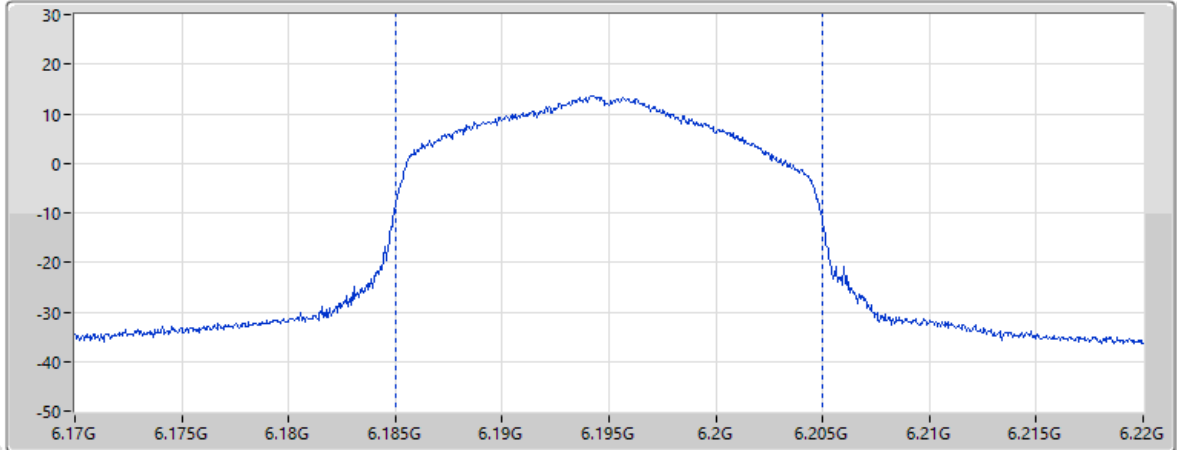
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



10/05/2025

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

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



Page 7

EIRP (dBm)
23.13

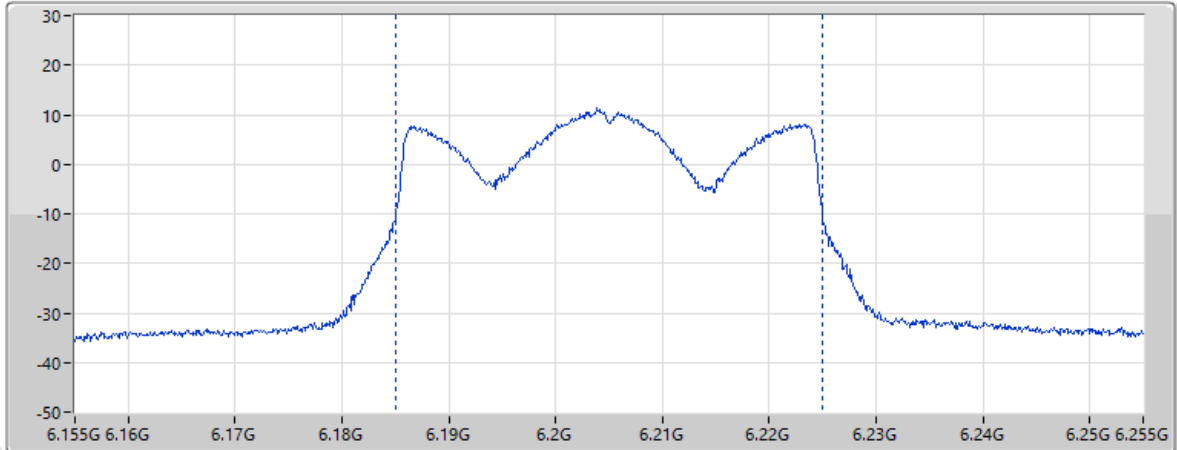
EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
3.84	11.90	8.46	35.15	57.88

10/05/2025

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

CF Freq
6.205GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
40MHz



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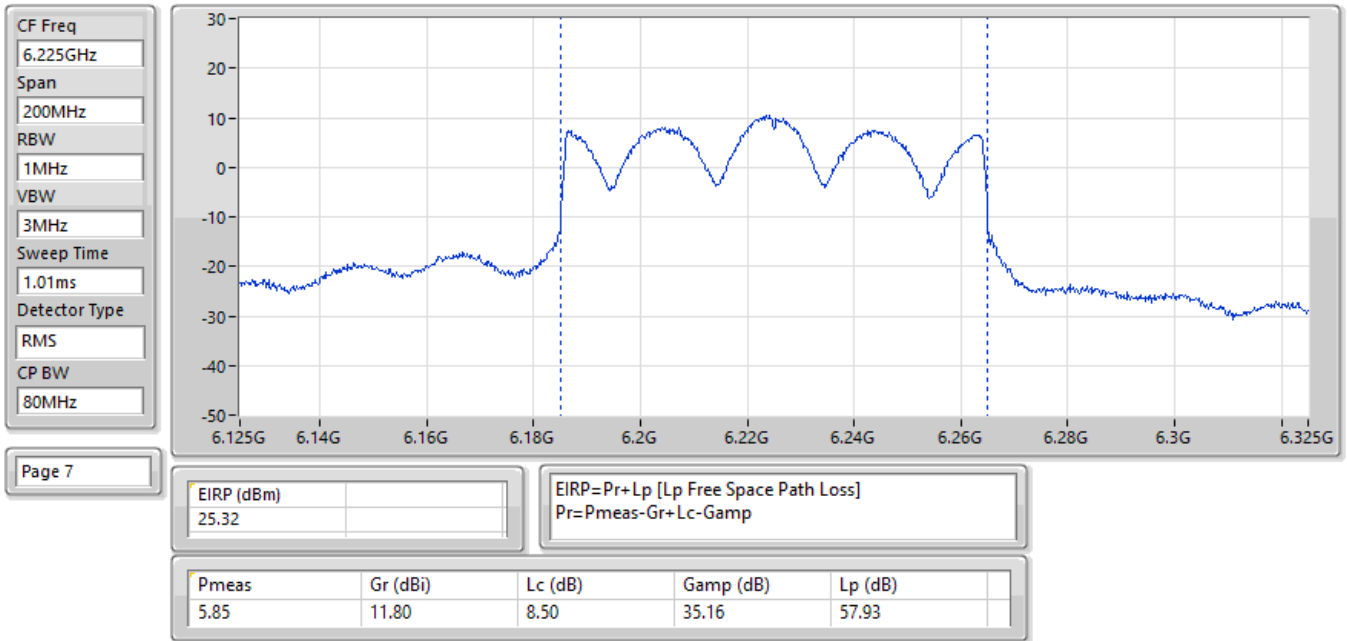
EIRP (dBm)
22.89

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
3.55	11.88	8.47	35.15	57.90

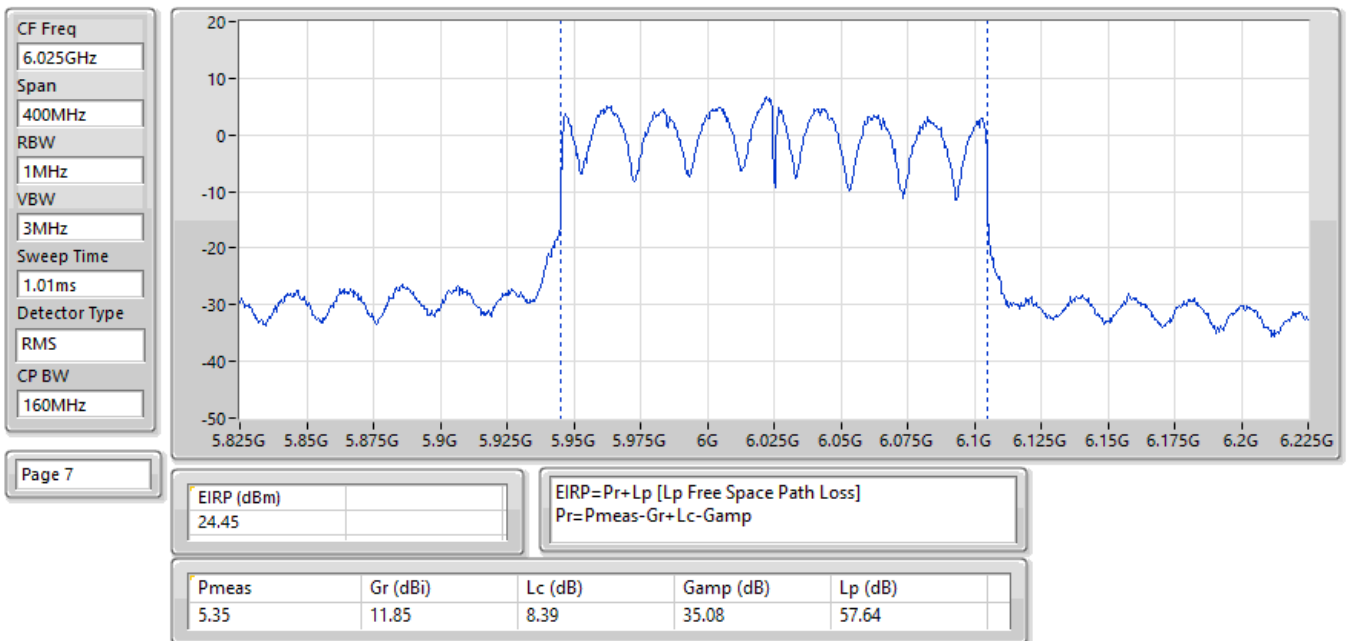
26/05/2025

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



10/05/2025

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



10/05/2025

EIRP;Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6855MHz;TX

CF Freq
6.855GHz

Span
50MHz

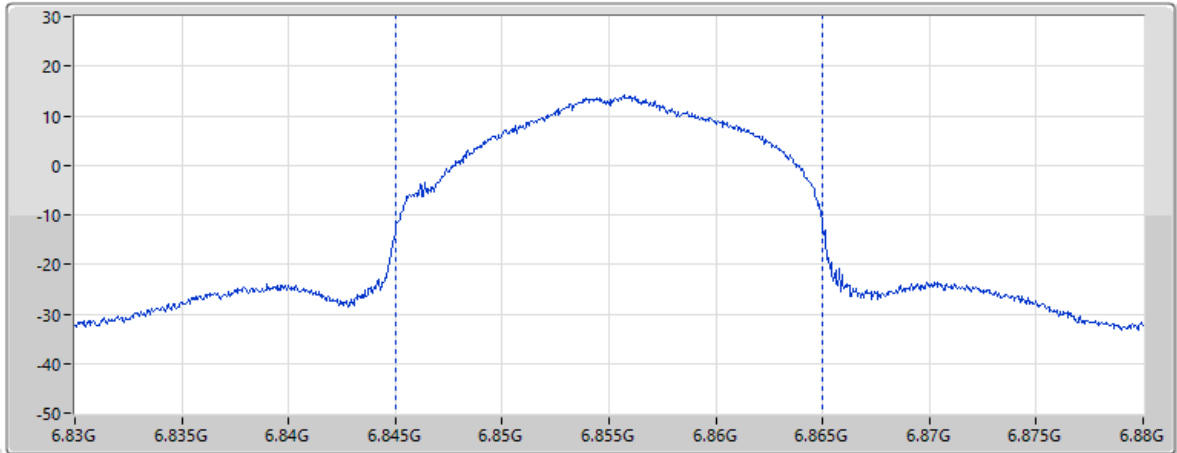
RBW
1MHz

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		
23.22				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
1.88	11.20	8.79	35.01	58.76

13/05/2025

EIRP;Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6845MHz;TX

CF Freq
6.845GHz

Span
100MHz

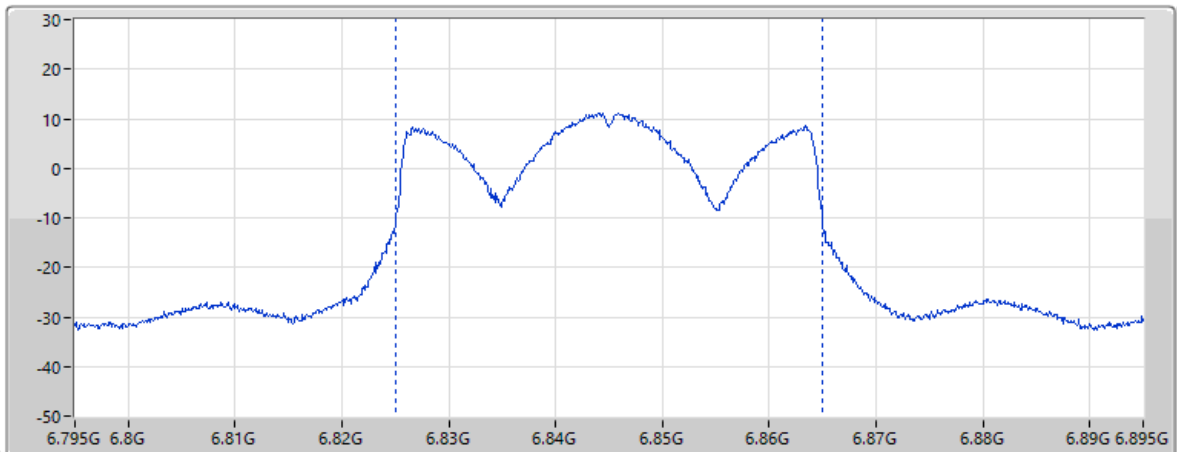
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
40MHz



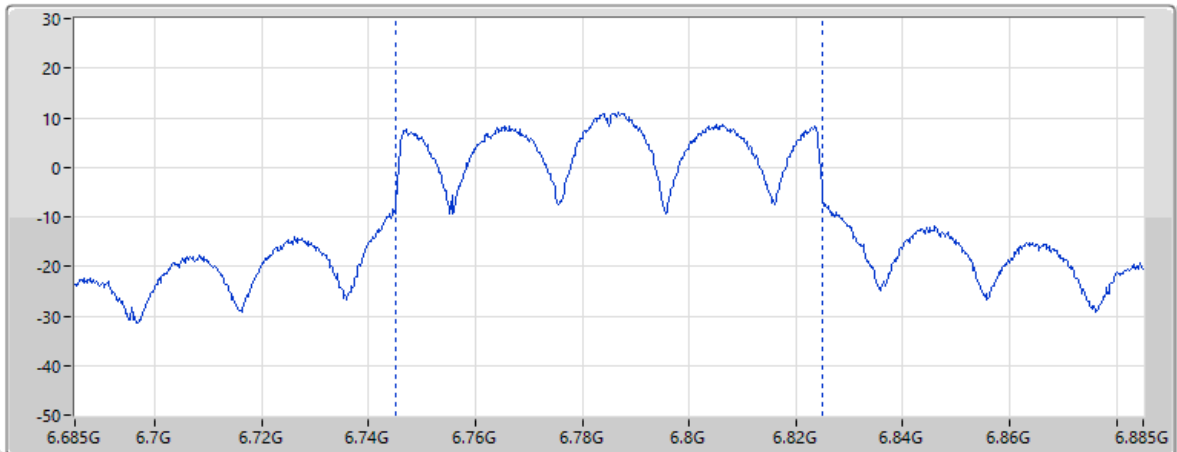
Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
23.14				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
1.80	11.19	8.79	35.01	58.75

14/05/2025

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

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



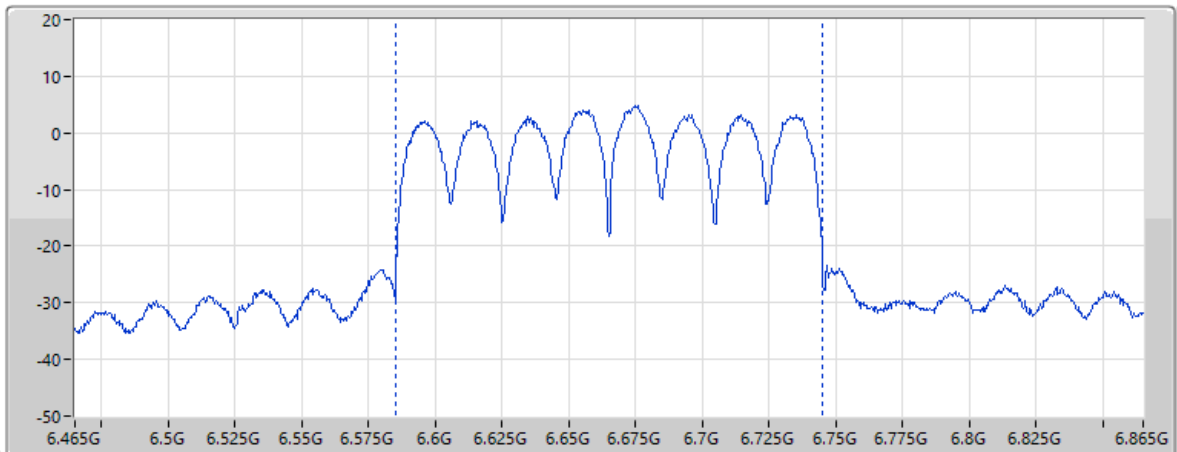
Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
25.88				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
4.57	11.07	8.77	35.06	58.67

26/05/2025

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

CF Freq
6.665GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
160MHz



Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
23.2				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
1.96	10.90	8.77	35.15	58.52



Summary

Mode	Total Power (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port2)	18.12	0.18793
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port2)	16.16	0.11967

**Result**

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port2)	-	-	-
5985MHz	Pass	22.74	36.00
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port2)	-	-	-
6025MHz	Pass	20.78	36.00

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

03/07/2025

EIRP;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 MRU 3;Nant:1(2);Ch:5985MHz;TX

CF Freq
5.985GHz

Span
200MHz

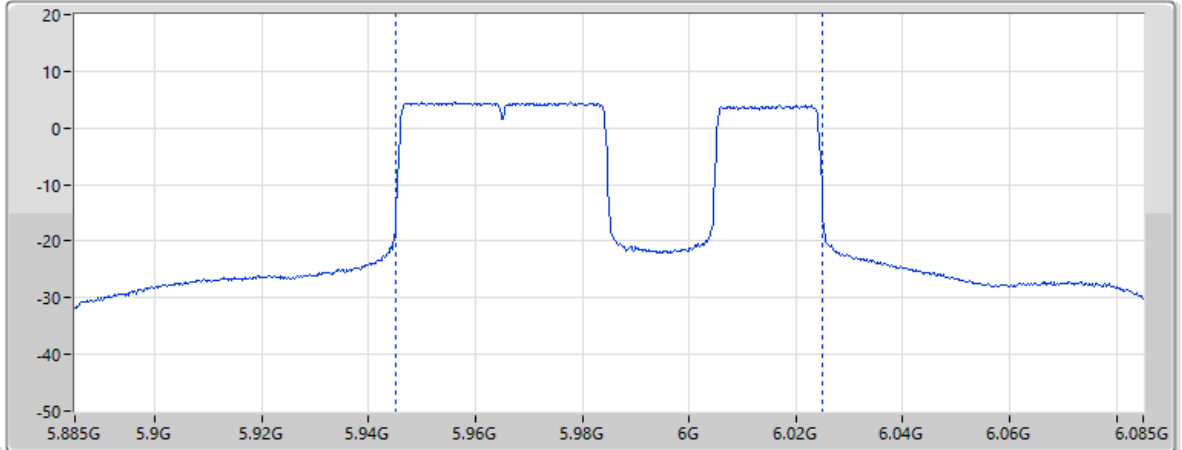
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
80MHz



Page 8

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
22.74				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
3.64	11.77	8.37	35.08	57.58

03/07/2025

EIRP;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0),RU484+3xRU242 MRU 1;Nant:1(2);Ch:6025MHz;TX

CF Freq
6.025GHz

Span
400MHz

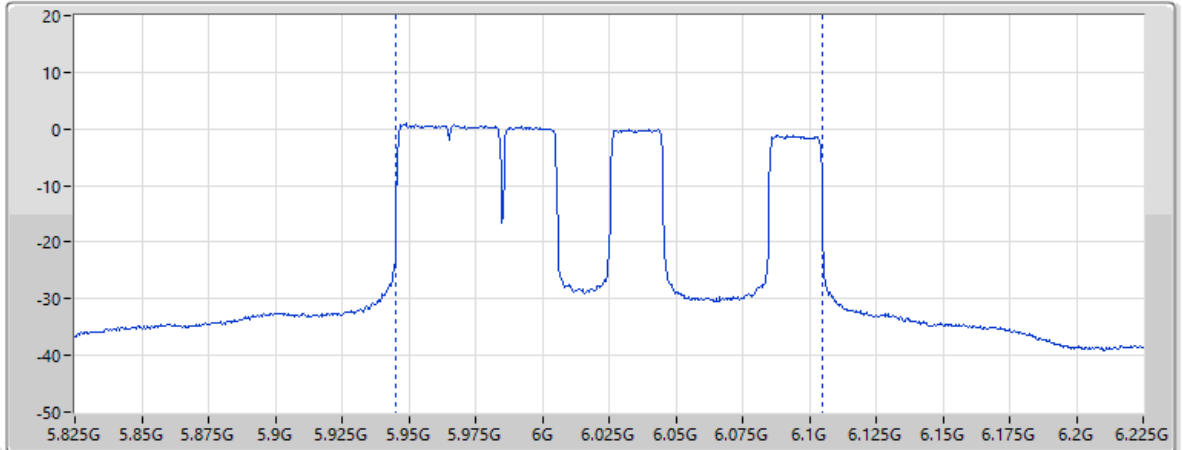
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
160MHz



Page 8

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
20.78				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
1.68	11.85	8.39	35.08	57.64



Summary

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	23.12	0.20512
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	24.97	0.31405

**Result**

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-
5985MHz	Pass	23.12	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-	-	-
6025MHz	Pass	24.97	36.00

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

04/07/2025

EIRP;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 MRU 3;Nant:2;Ch:5985MHz;TX

CF Freq
5.985GHz

Span
200MHz

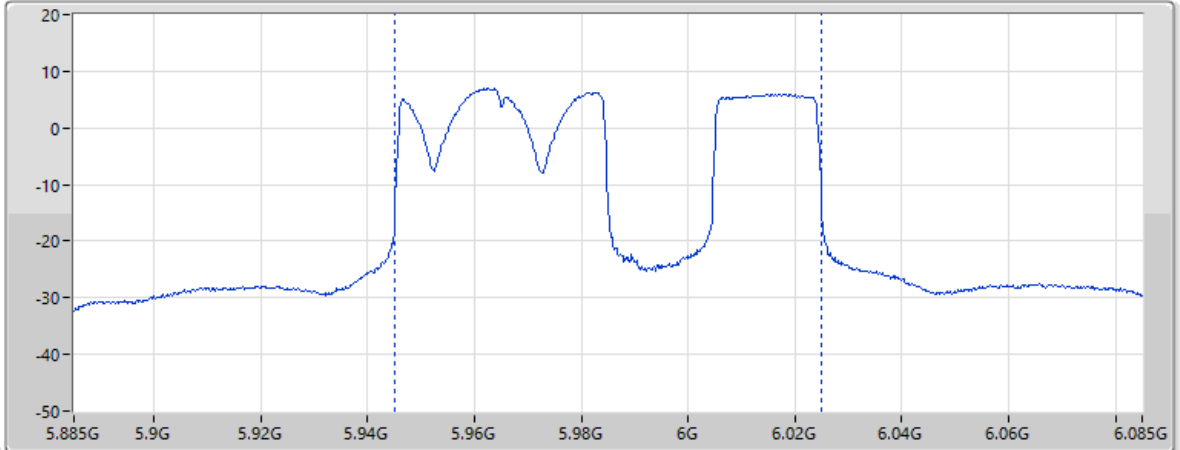
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
80MHz



Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
23.12				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
4.02	11.77	8.37	35.08	57.58

04/07/2025

EIRP;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484 MRU 2;Nant:2;Ch:6025MHz;TX

CF Freq
6.025GHz

Span
400MHz

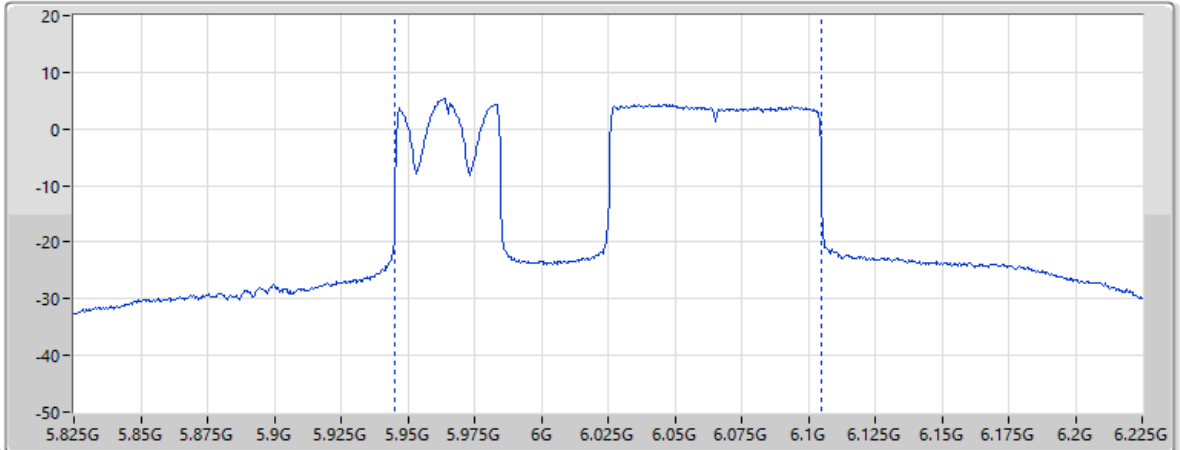
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
160MHz



Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
24.97				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
5.87	11.85	8.39	35.08	57.64



Radiated EIRP_Non-Beamforming_Radio 3_1T1S_ Channel Puncturing

Appendix C.5

Summary

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX(Port2)	21.55	0.14289
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_1TX(Port2)	21.57	0.14355



Radiated EIRP_Non-Beamforming_Radio 3_1T1S_ Channel Puncturing

Appendix C.5

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX(Port2)	-	-	-
5985MHz	Pass	21.55	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_1TX(Port2)	-	-	-
6025MHz	Pass	21.57	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX(Port2)	-	-	-
6025MHz	Pass	20.40	36.00

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

03/07/2025

EIRP;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 CP 4;Nant:1(2);Ch:5985MHz;TX

CF Freq
5.985GHz

Span
200MHz

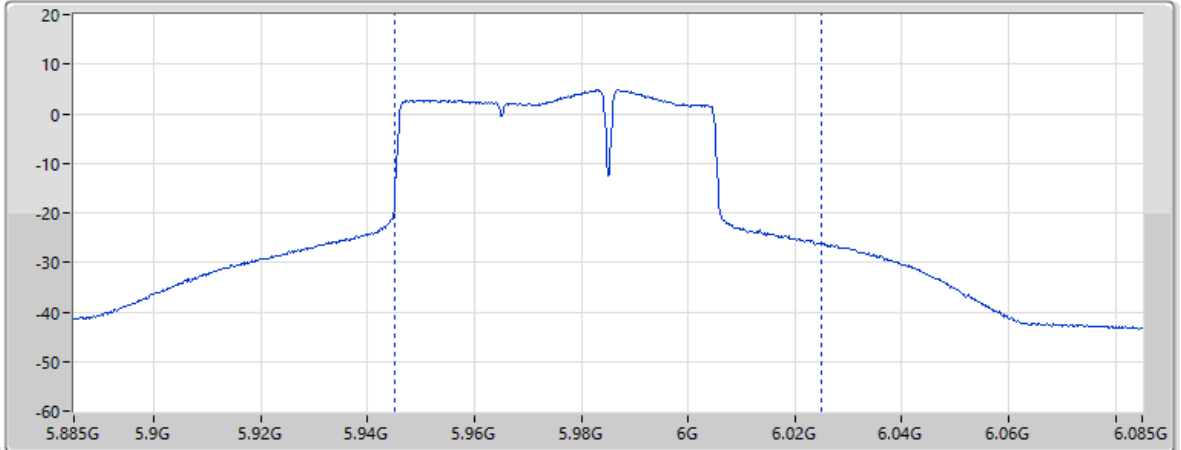
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
80MHz



Page 8

EIRP (dBm)	21.55	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
2.45	11.77	8.37	35.08	57.58

03/07/2025

EIRP;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484+RU242 CP 7;Nant:1(2);Ch:6025MHz;TX

CF Freq
6.025GHz

Span
400MHz

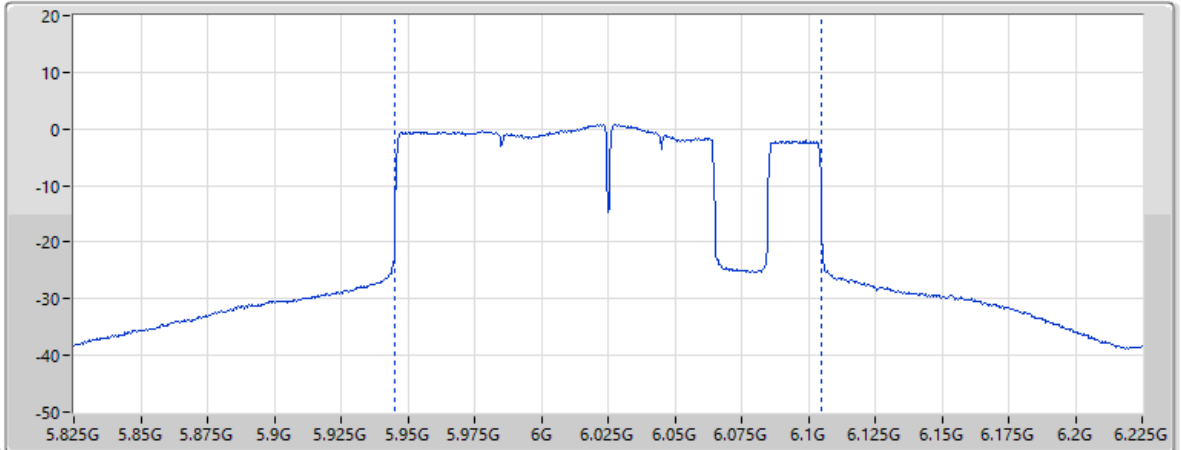
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
160MHz



Page 8

EIRP (dBm)	21.57	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
2.47	11.85	8.39	35.08	57.64



Radiated EIRP_Non-Beamforming_Radio 3_2T1S_ Channel Puncturing

Appendix C.6

Summary

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	21.18	0.13122
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	22.85	0.19275



Radiated EIRP_Non-Beamforming_Radio 3_2T1S_ Channel Puncturing

Appendix C.6

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-
5985MHz_TX	Pass	21.18	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	-	-	-
6025MHz_TX	Pass	22.85	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX	-	-	-
6025MHz_TX	Pass	22.18	36.00

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

16/07/2025

EIRP;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 CP 3;Nant:2;Ch:5985MHz;TX

CF Freq
5.985GHz

Span
200MHz

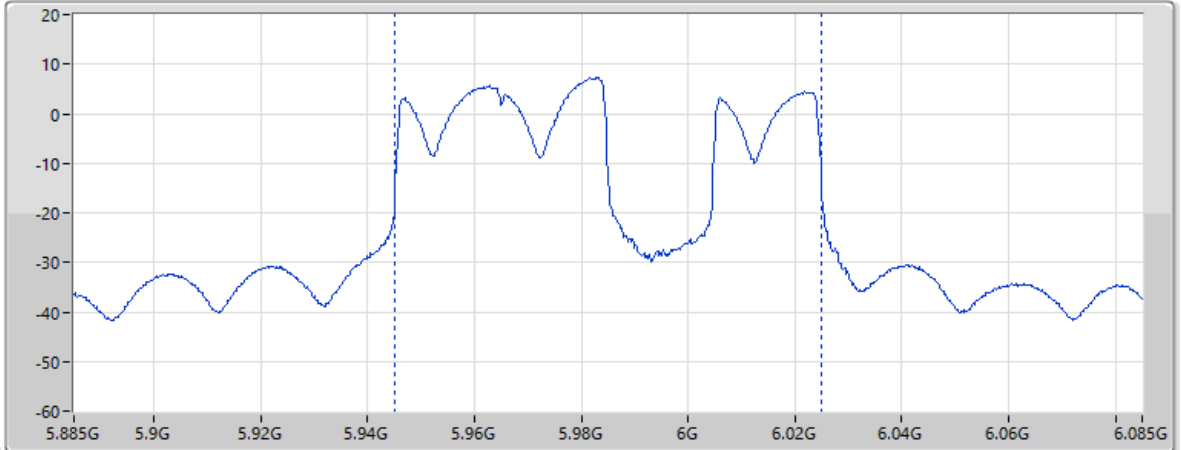
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
80MHz



Page 7

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
21.18				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
2.08	11.77	8.37	35.08	57.58

16/07/2025

EIRP;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484+RU242 CP 6;Nant:2;Ch:6025MHz;TX

CF Freq
6.025GHz

Span
400MHz

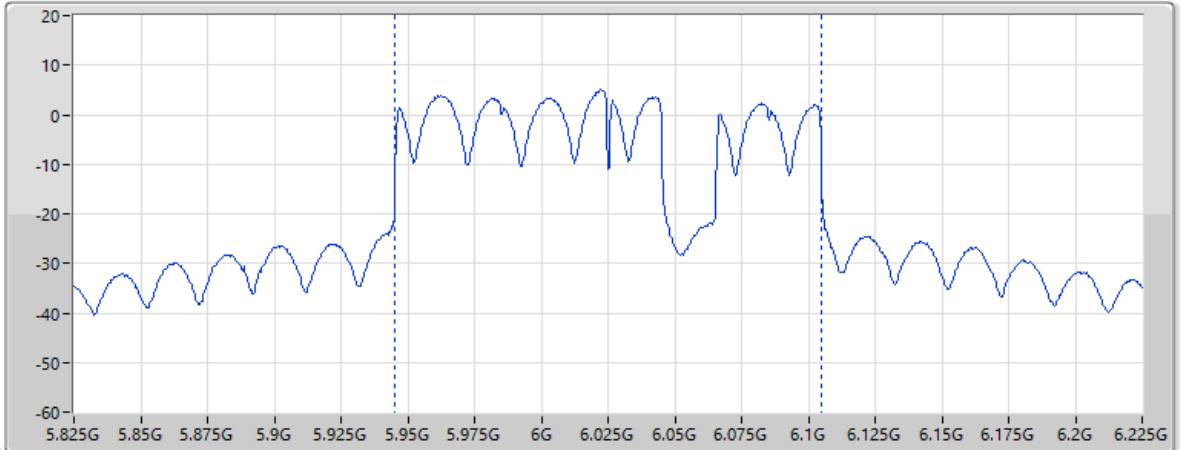
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
160MHz



Page 7

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
22.85				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
3.75	11.85	8.39	35.08	57.64

**Summary**

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.31	0.10740
802.11ax HEW40_Nss1,(MCS0)_1TX	19.59	0.09099
802.11ax HEW80_Nss1,(MCS0)_1TX	19.20	0.08318
802.11ax HEW160_Nss1,(MCS0)_1TX	19.31	0.08531
6.525-6.875GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.87	0.12218
802.11ax HEW40_Nss1,(MCS0)_1TX	21.14	0.13002
802.11ax HEW80_Nss1,(MCS0)_1TX	21.81	0.15171
802.11ax HEW160_Nss1,(MCS0)_1TX	21.29	0.13459

**Result**

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-
5955MHz	Pass	20.31	36.00
6195MHz	Pass	19.27	36.00
6415MHz	Pass	18.58	36.00
6535MHz	Pass	20.87	36.00
6695MHz	Pass	20.79	36.00
6855MHz	Pass	20.08	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-
5965MHz	Pass	19.59	36.00
6205MHz	Pass	19.22	36.00
6405MHz	Pass	18.53	36.00
6565MHz	Pass	20.97	36.00
6685MHz	Pass	21.14	36.00
6845MHz	Pass	19.77	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-
5985MHz	Pass	19.20	36.00
6225MHz	Pass	19.03	36.00
6385MHz	Pass	18.54	36.00
6625MHz	Pass	21.81	36.00
6705MHz	Pass	21.08	36.00
6785MHz	Pass	20.47	36.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-
6025MHz	Pass	19.31	36.00
6185MHz	Pass	19.28	36.00
6345MHz	Pass	18.86	36.00
6665MHz	Pass	21.29	36.00

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

13/05/2025

EIRP;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5955MHz;TX

CF Freq
5.955GHz

Span
50MHz

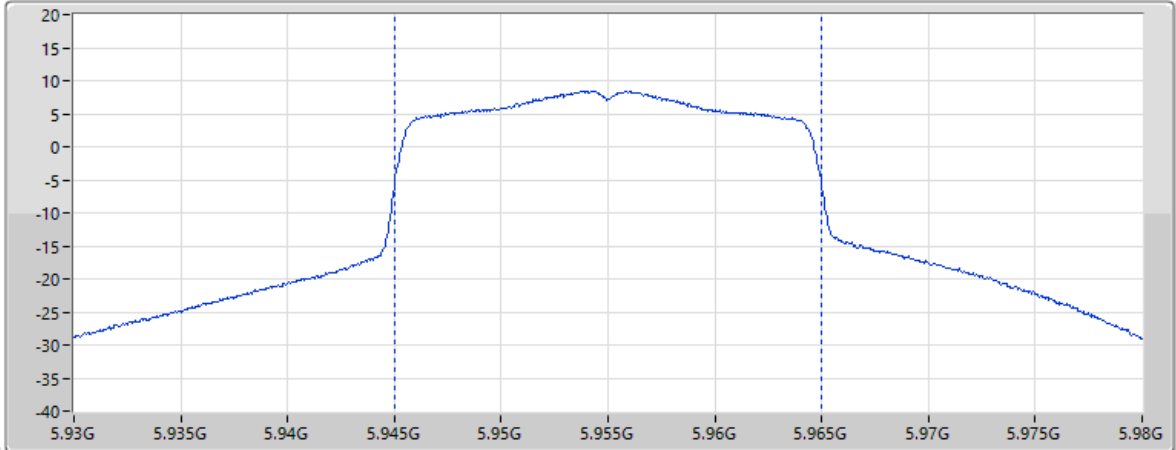
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
20MHz



Page 8

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
20.31				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
1.23	11.71	8.35	35.10	57.54

10/06/2025

EIRP;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5965MHz;TX

CF Freq
5.965GHz

Span
100MHz

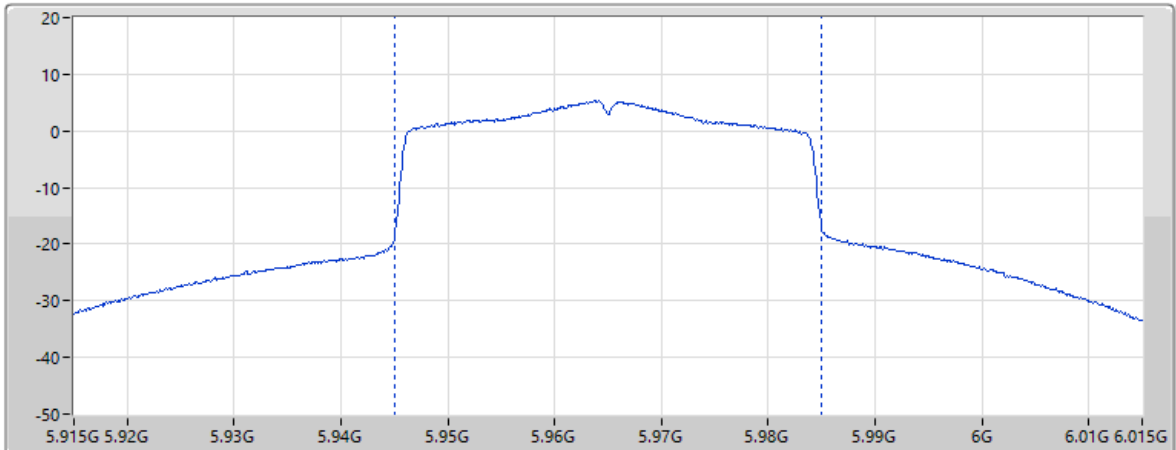
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
40MHz

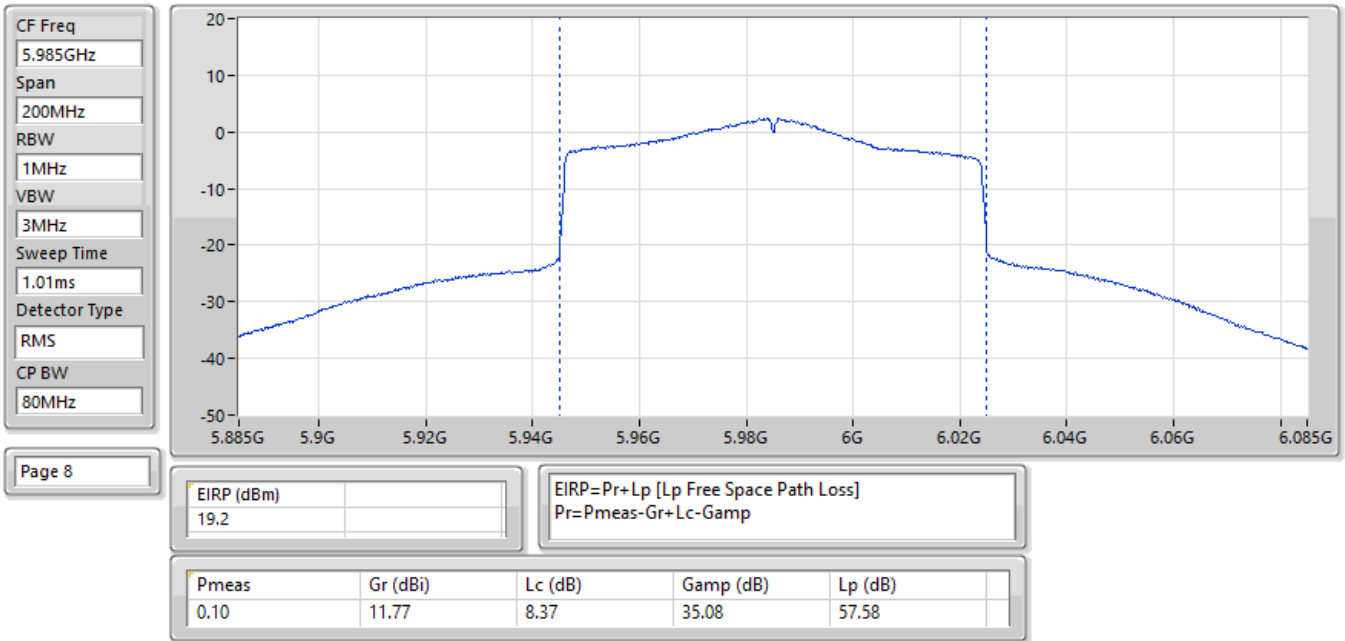


Page 8

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
19.59				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
0.50	11.73	8.36	35.09	57.55

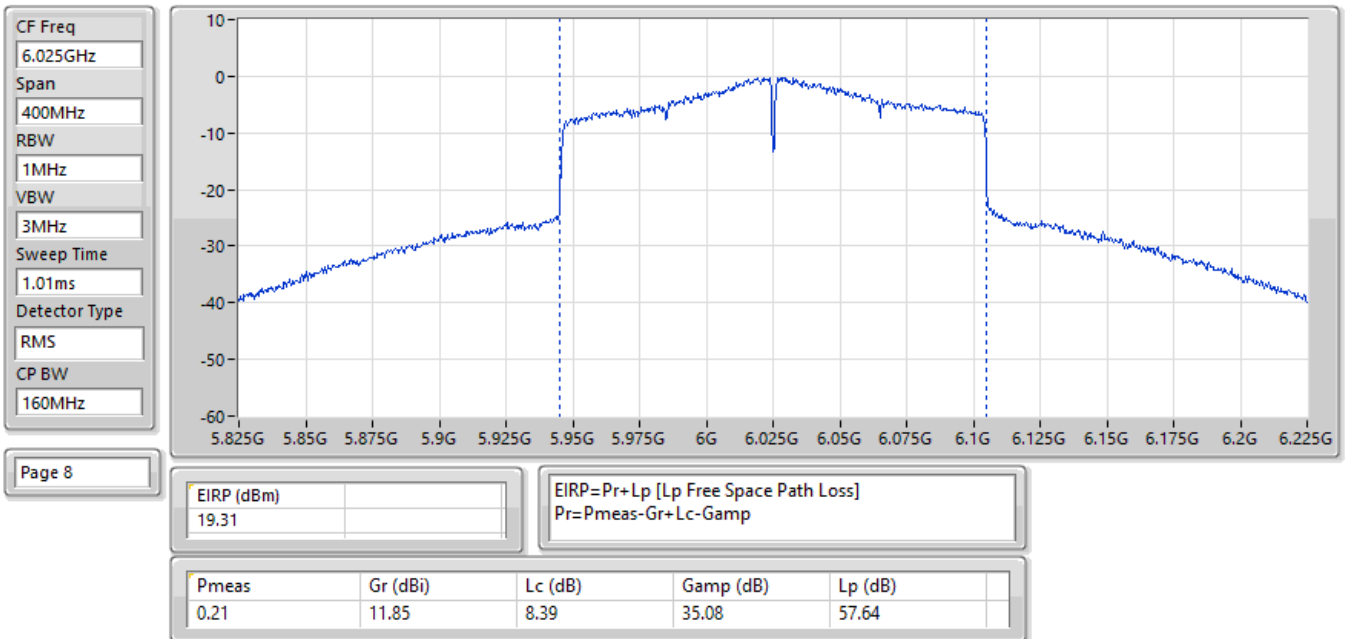
13/05/2025

EIRP;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:5985MHz;TX



13/05/2025

EIRP;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:1;Ch:6025MHz;TX

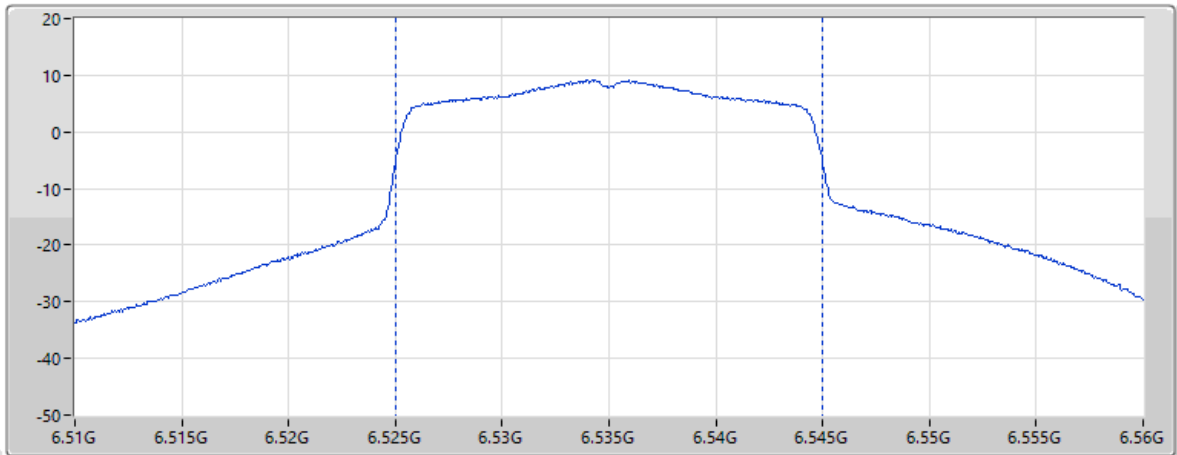




13/05/2025

EIRP:Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:6535MHz;TX

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



Page 8

EIRP (dBm)
20.87

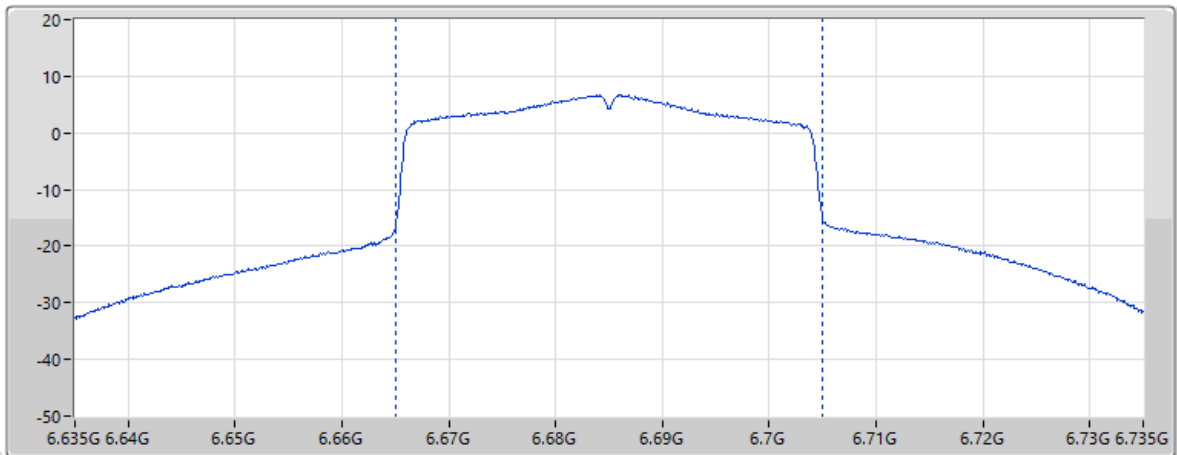
EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
0.28	11.29	8.77	35.24	58.35

09/06/2025

EIRP:Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:6685MHz;TX

CF Freq
6.685GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
40MHz



Page 8

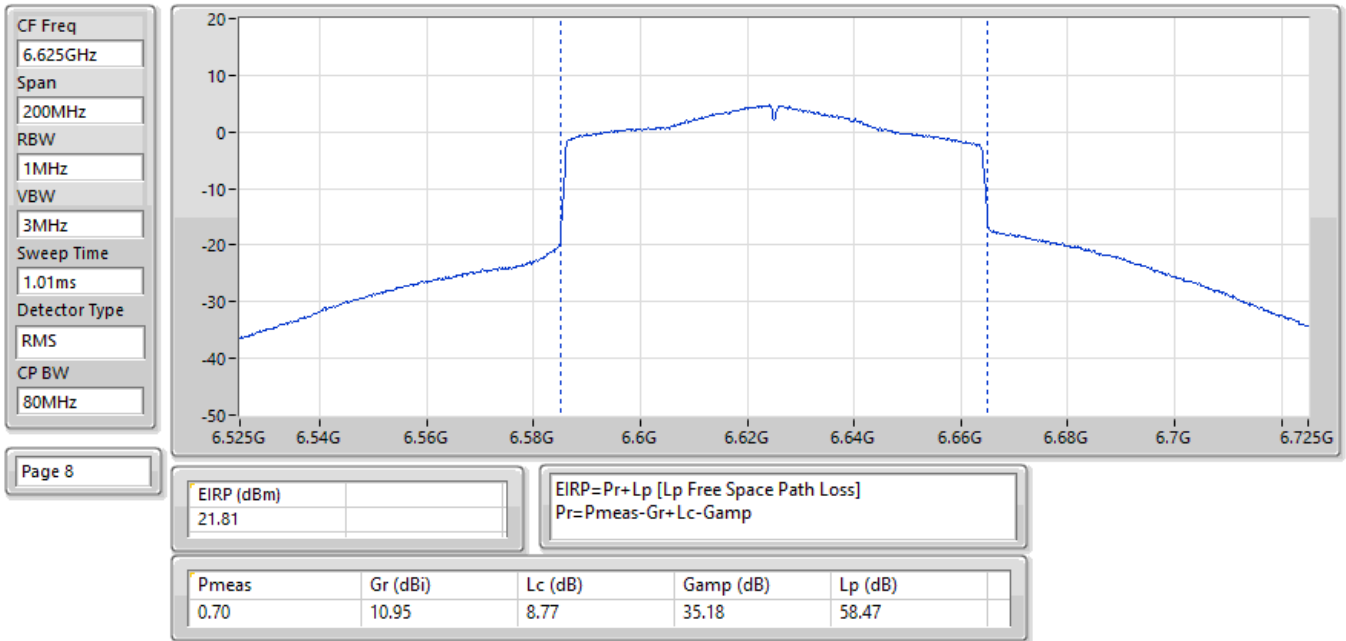
EIRP (dBm)
21.14

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.14	10.90	8.77	35.13	58.54

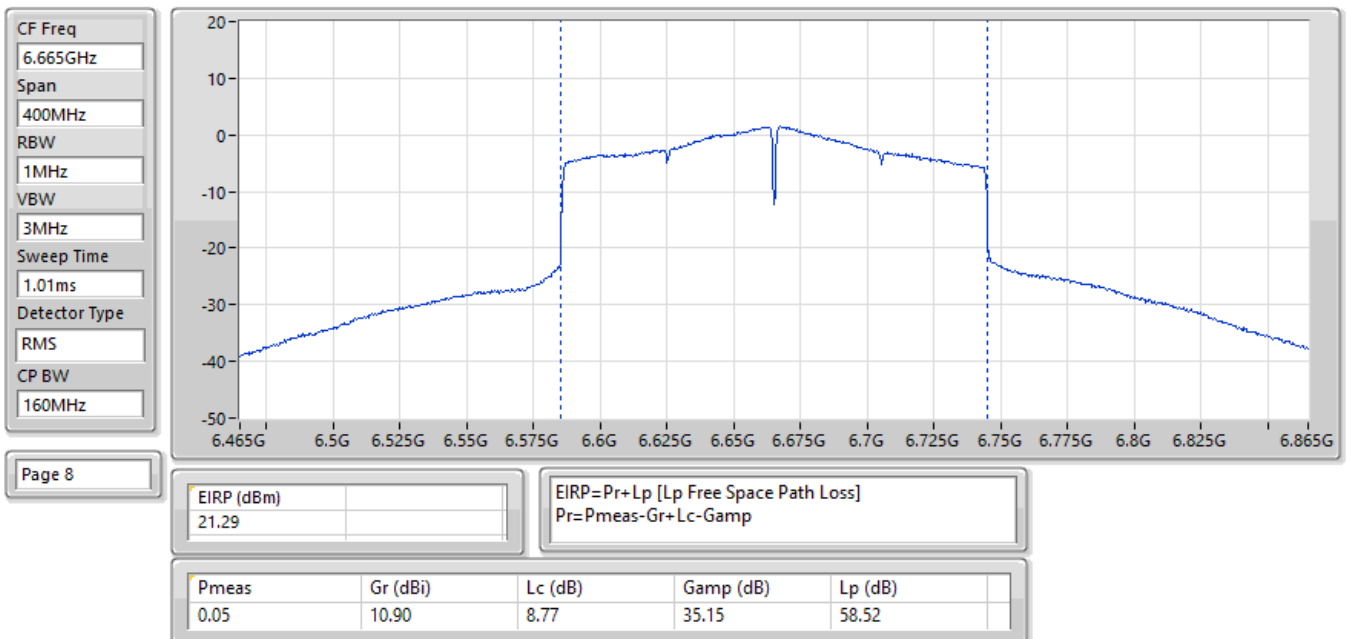
09/06/2025

EIRP;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:6625MHz;TX



13/05/2025

EIRP;Band:6.7G;ax160;BWch:160MHz;Nss:1,(M0);Nant:1;Ch:6665MHz;TX



**Summary**

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	24.61	0.28907
802.11be EHT40-BF_Nss1,(MCS0)_2TX	25.68	0.36983
802.11be EHT80-BF_Nss1,(MCS0)_2TX	25.02	0.31769
802.11be EHT160-BF_Nss1,(MCS0)_2TX	22.54	0.17947
6.525-6.875GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	25.05	0.31989
802.11be EHT40-BF_Nss1,(MCS0)_2TX	25.02	0.31769
802.11be EHT80-BF_Nss1,(MCS0)_2TX	24.69	0.29444
802.11be EHT160-BF_Nss1,(MCS0)_2TX	21.87	0.15382

**Result**

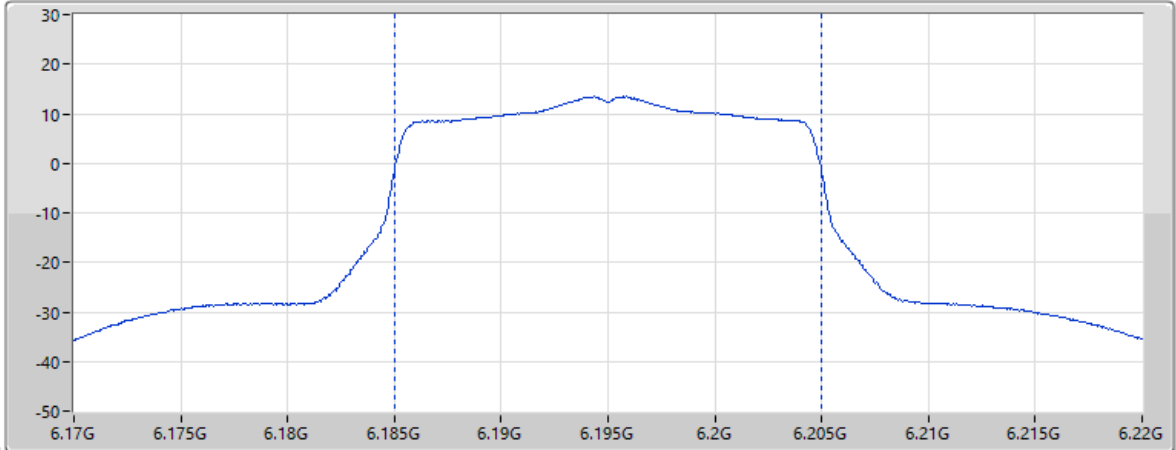
Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	21.82	36.00
6195MHz	Pass	24.61	36.00
6415MHz	Pass	23.60	36.00
6535MHz	Pass	22.55	36.00
6695MHz	Pass	25.05	36.00
6855MHz	Pass	23.80	36.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	22.60	36.00
6205MHz	Pass	25.68	36.00
6405MHz	Pass	22.24	36.00
6565MHz	Pass	25.02	36.00
6685MHz	Pass	24.35	36.00
6845MHz	Pass	24.39	36.00
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	23.93	36.00
6225MHz	Pass	25.02	36.00
6385MHz	Pass	24.51	36.00
6625MHz	Pass	22.02	36.00
6705MHz	Pass	24.45	36.00
6785MHz	Pass	24.69	36.00
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	22.52	36.00
6185MHz	Pass	22.54	36.00
6345MHz	Pass	19.84	36.00
6665MHz	Pass	21.87	36.00

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

20/06/2025

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

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



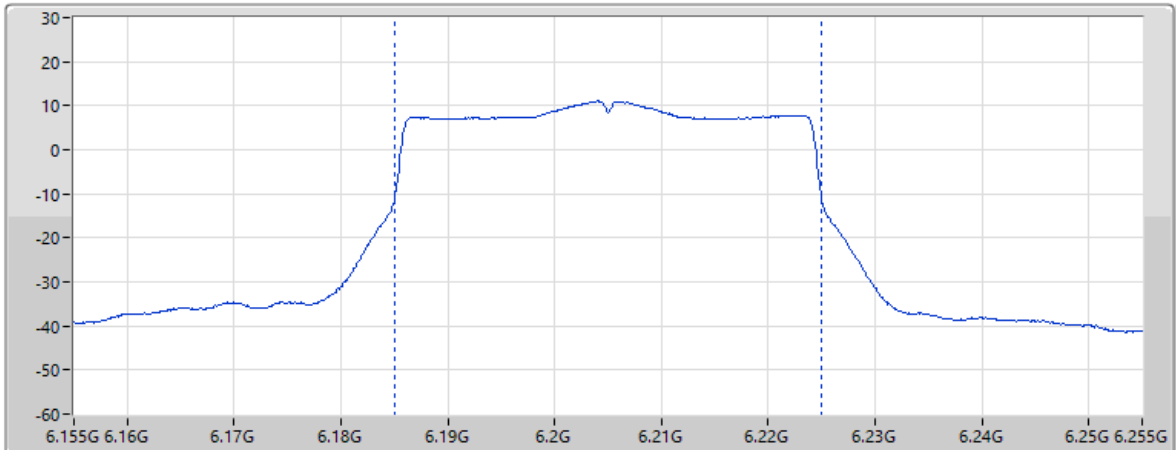
Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
24.61				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
5.32	11.90	8.46	35.15	57.88

20/06/2025

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

CF Freq
6.205GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
40MHz



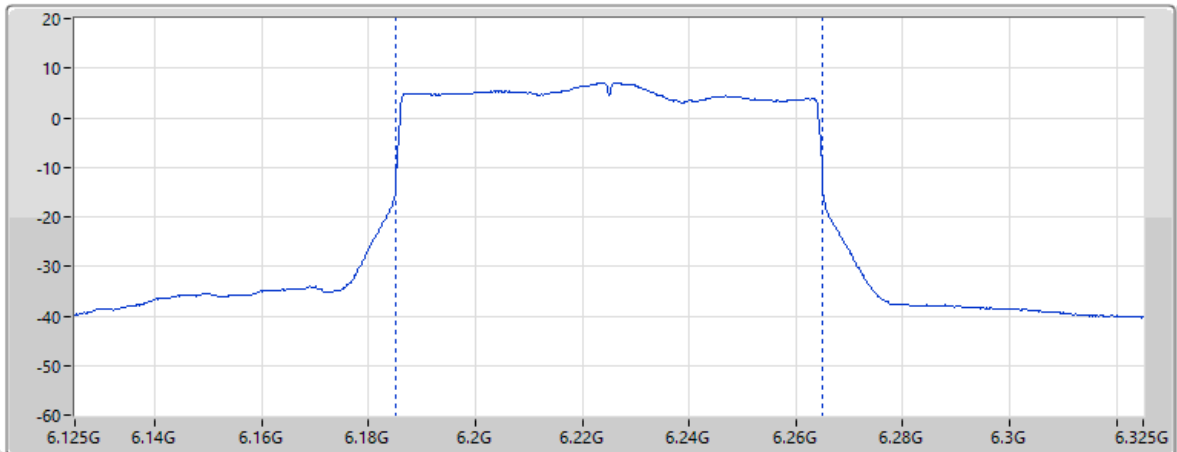
Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
25.26				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
5.92	11.88	8.47	35.15	57.90

20/06/2025

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

CF Freq
6.225GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
80MHz



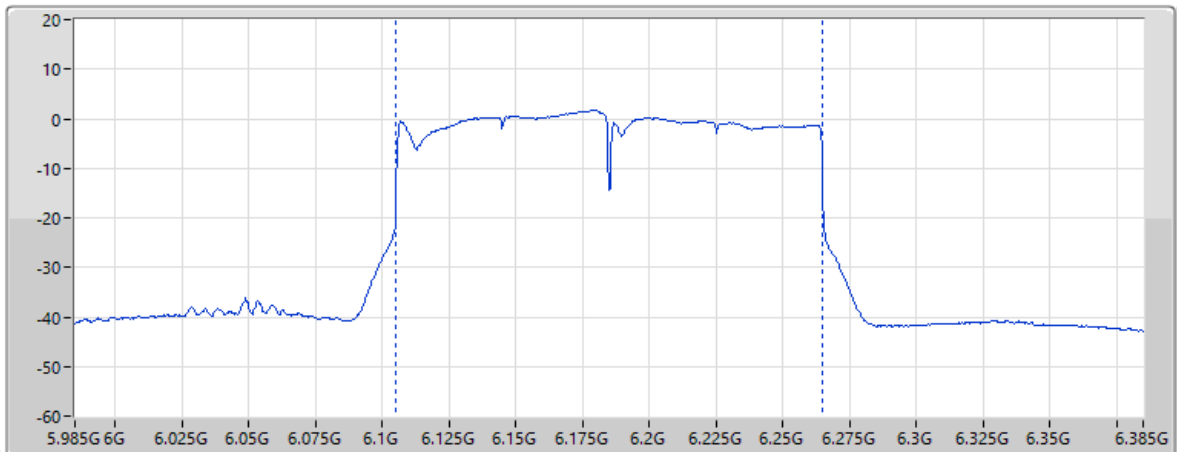
Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
25.02				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
5.55	11.80	8.50	35.16	57.93

18/06/2025

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

CF Freq
6.185GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
160MHz



Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
22.54				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
3.26	11.90	8.45	35.14	57.87

20/06/2025

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

CF Freq
6.695GHz

Span
50MHz

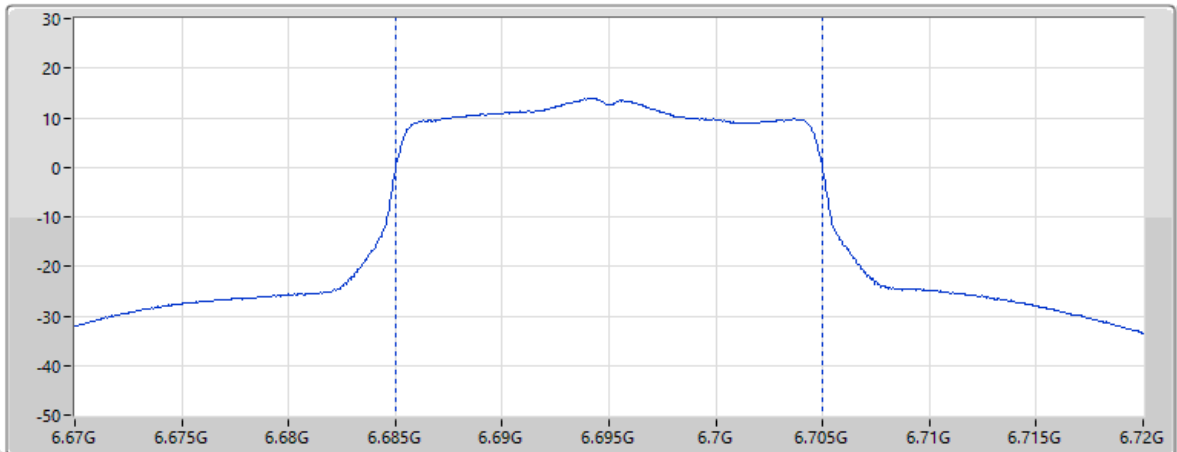
RBW
1MHz

VBW
3MHz

Sweep Time
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		
25.05				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
3.75	10.90	8.77	35.13	58.56

20/06/2025

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

CF Freq
6.565GHz

Span
100MHz

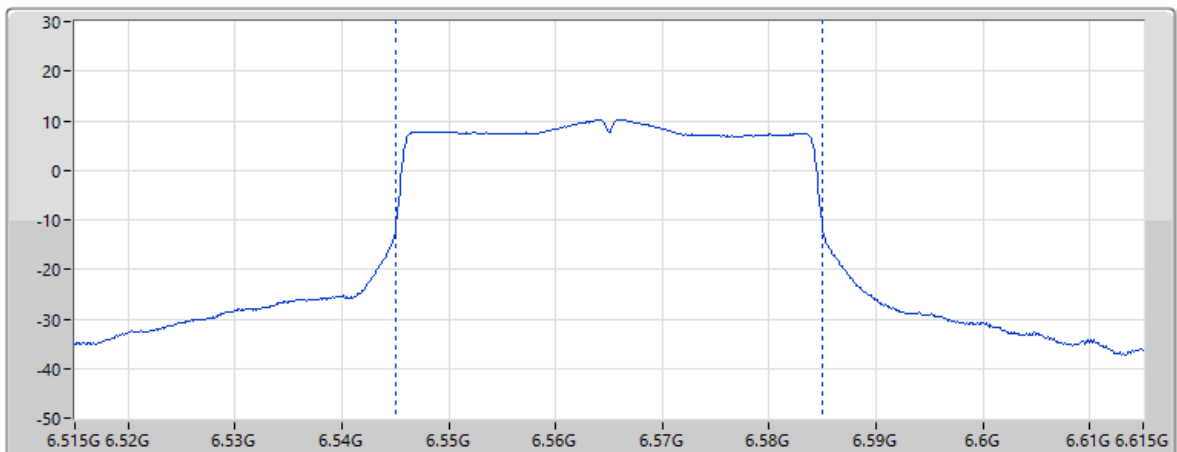
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
40MHz



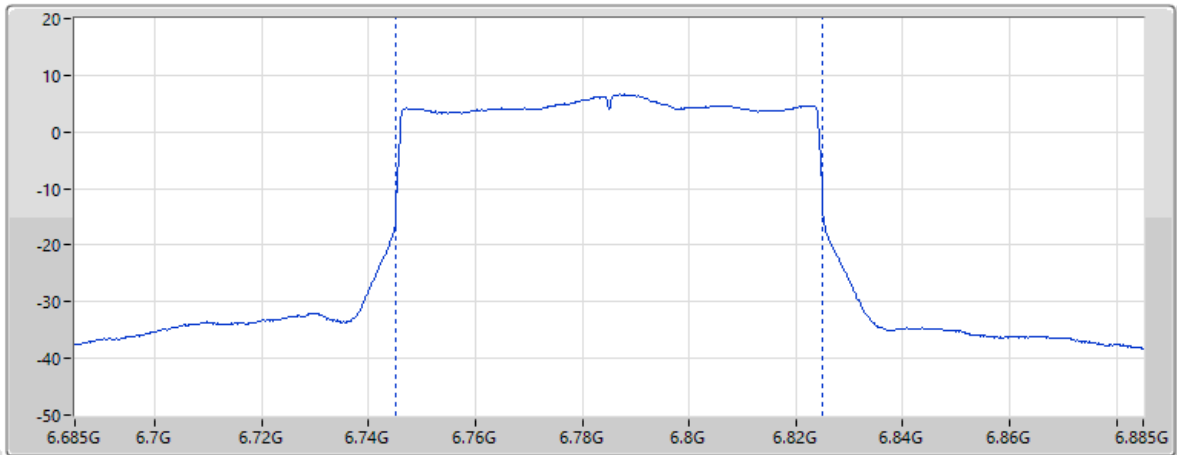
Page 7

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
25.02				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
4.22	11.14	8.77	35.22	58.39

18/06/2025

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

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



Page 7

EIRP (dBm)
24.69

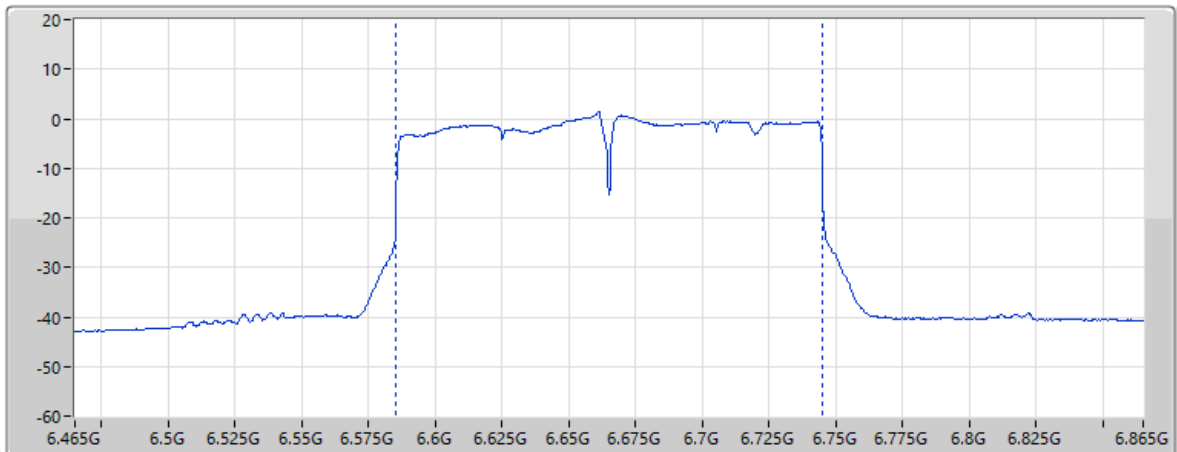
EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
3.38	11.07	8.77	35.06	58.67

18/06/2025

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

CF Freq
6.665GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
160MHz



Page 7

EIRP (dBm)
21.87

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
0.63	10.90	8.77	35.15	58.52



Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	9.78
802.11be EHT40_Nss1,(MCS0)_1TX(Port2)	6.57
802.11be EHT80_Nss1,(MCS0)_1TX(Port2)	7.04
802.11be EHT160_Nss1,(MCS0)_1TX(Port2)	2.26
6.525-6.875GHz	-
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	11.07
802.11be EHT40_Nss1,(MCS0)_1TX(Port2)	7.74
802.11be EHT80_Nss1,(MCS0)_1TX(Port2)	7.54
802.11be EHT160_Nss1,(MCS0)_1TX(Port2)	2.65

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)_1TX(Port2)	-	-	-
5955MHz	Pass	8.22	23.00
6195MHz	Pass	9.78	23.00
6415MHz	Pass	9.64	23.00
6535MHz	Pass	10.36	23.00
6695MHz	Pass	11.07	23.00
6855MHz	Pass	9.24	23.00
802.11be EHT40_Nss1,(MCS0)_1TX(Port2)	-	-	-
5965MHz	Pass	5.69	23.00
6205MHz	Pass	6.57	23.00
6405MHz	Pass	5.94	23.00
6565MHz	Pass	7.65	23.00
6685MHz	Pass	7.74	23.00
6845MHz	Pass	6.64	23.00
802.11be EHT80_Nss1,(MCS0)_1TX(Port2)	-	-	-
5985MHz	Pass	5.72	23.00
6225MHz	Pass	6.15	23.00
6385MHz	Pass	7.04	23.00
6625MHz	Pass	7.54	23.00
6705MHz	Pass	7.47	23.00
6785MHz	Pass	6.83	23.00
802.11be EHT160_Nss1,(MCS0)_1TX(Port2)	-	-	-
6025MHz	Pass	1.75	23.00
6185MHz	Pass	2.26	23.00
6345MHz	Pass	2.15	23.00
6665MHz	Pass	2.65	23.00

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.

14/05/2025

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

CF Freq
6.195GHz

Span
30MHz

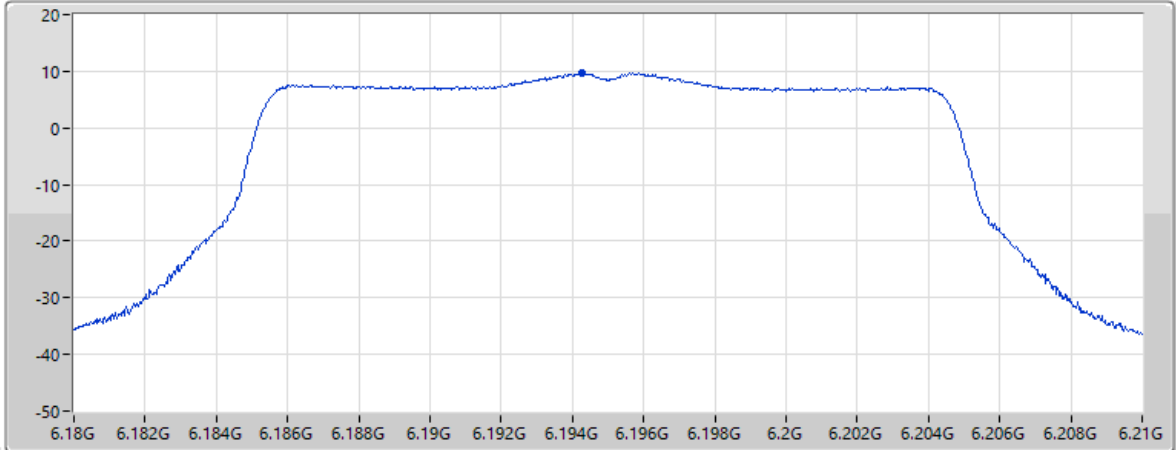
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
20MHz



Page 6

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
9.78				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-9.51	11.90	8.46	35.15	57.88

10/05/2025

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

CF Freq
6.205GHz

Span
60MHz

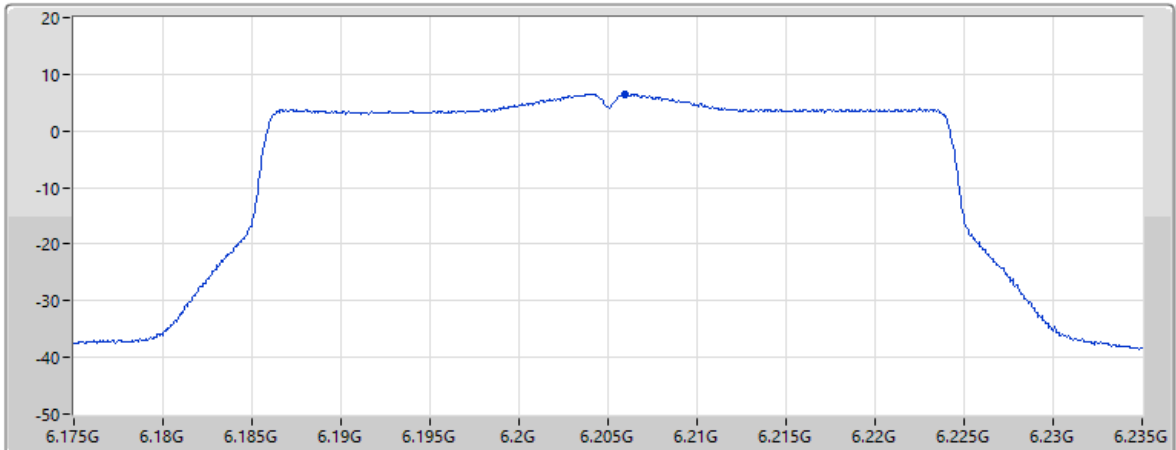
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
40MHz

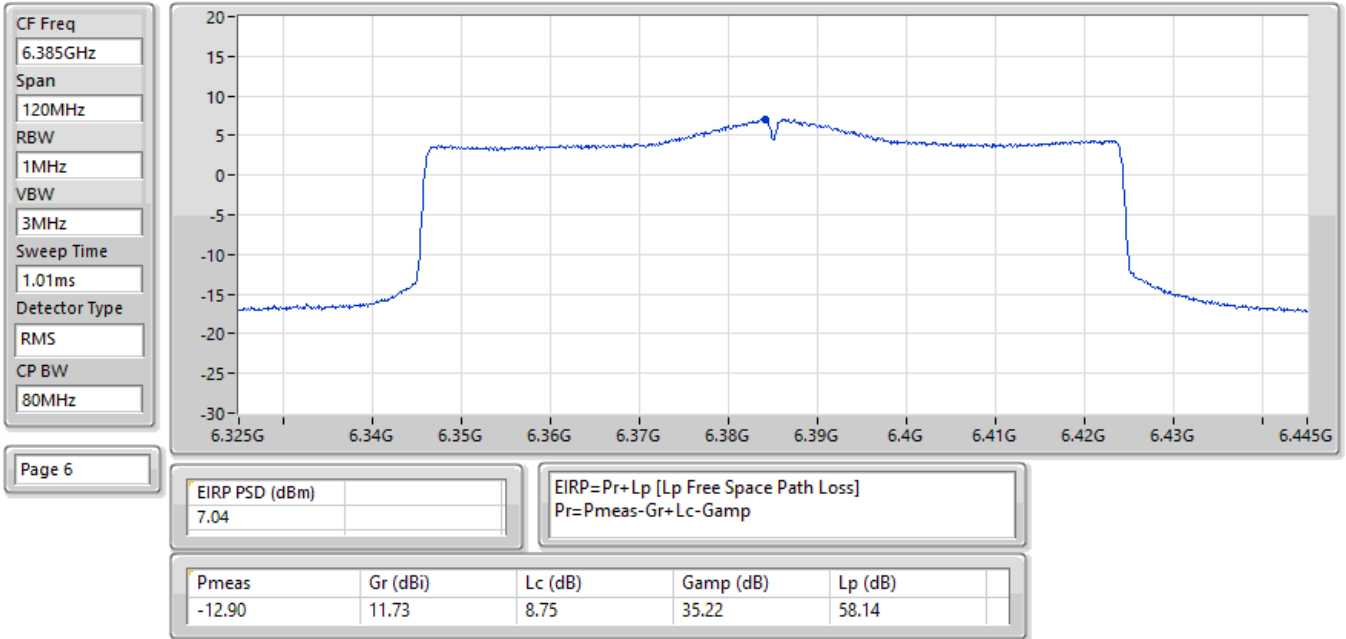


Page 6

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
6.57				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-12.77	11.88	8.47	35.15	57.90

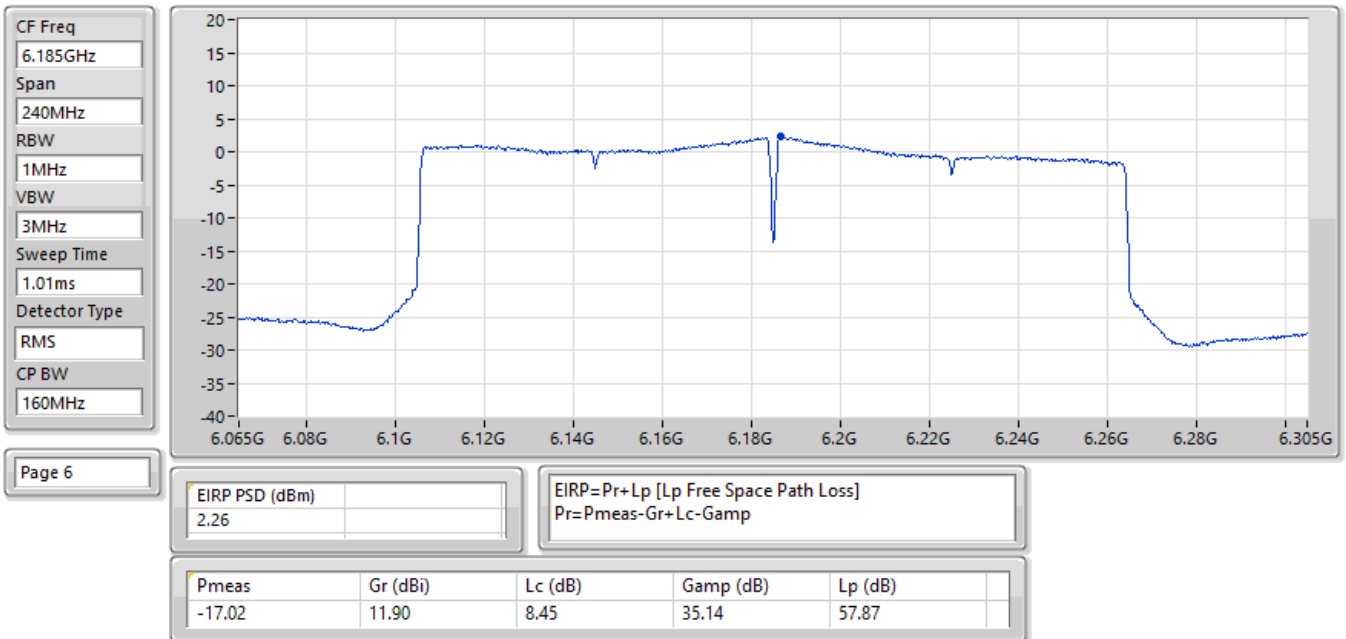
26/05/2025

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



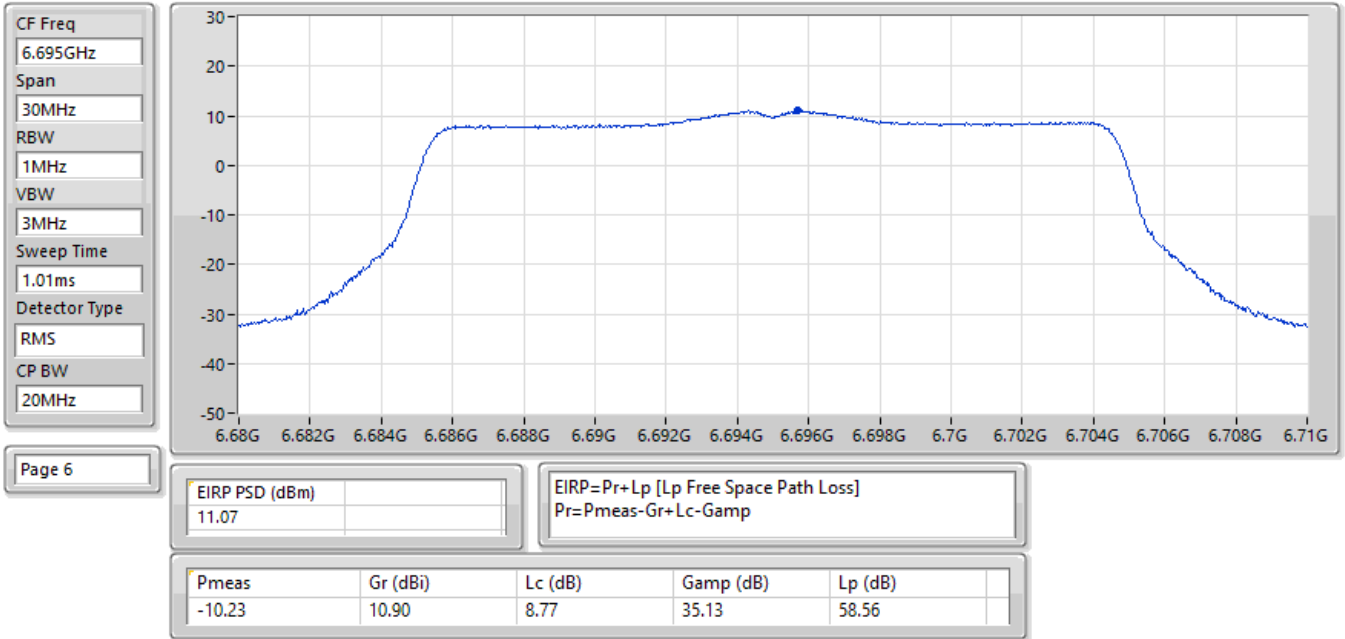
26/05/2025

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



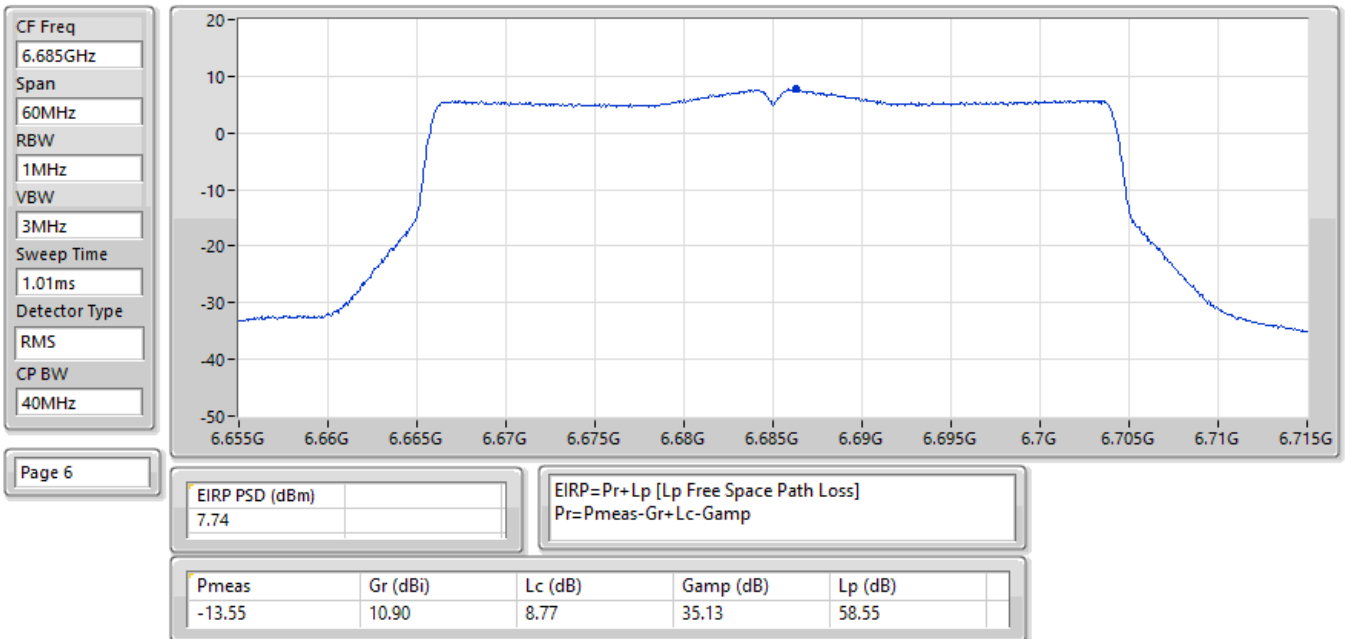
10/05/2025

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



10/05/2025

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



10/05/2025

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

CF Freq
6.625GHz

Span
120MHz

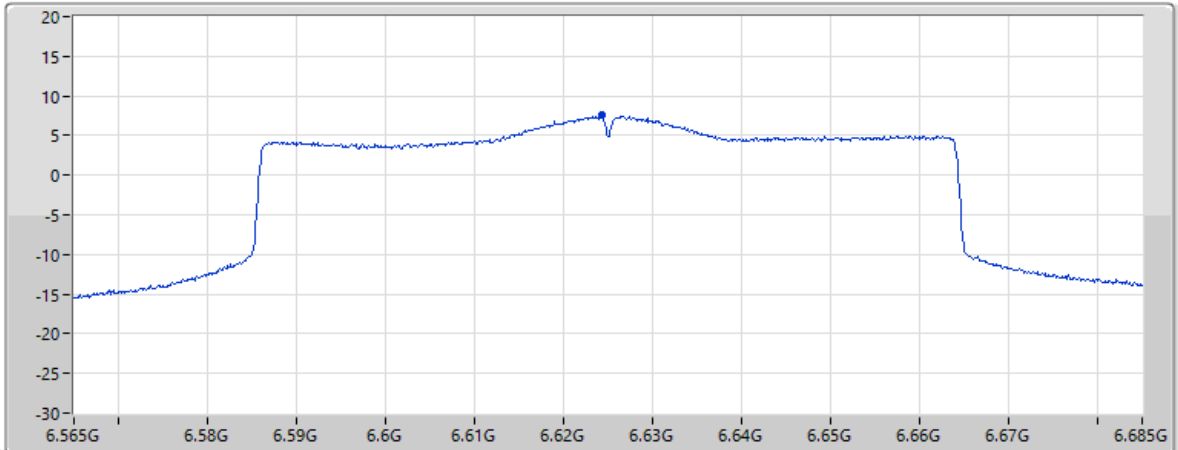
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
80MHz



Page 6

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
7.54				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-13.57	10.95	8.77	35.18	58.47

26/05/2025

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

CF Freq
6.665GHz

Span
240MHz

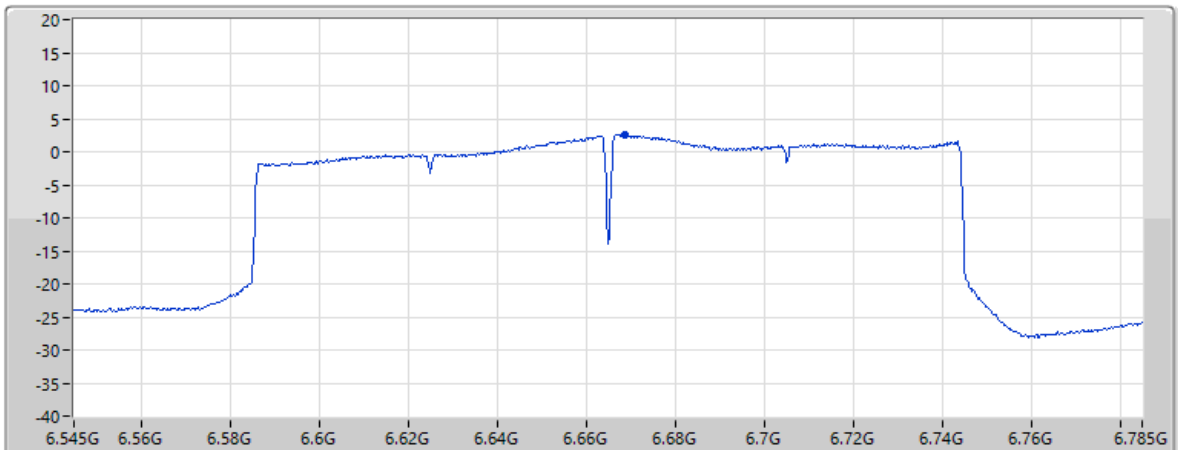
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
160MHz



Page 6

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
2.65				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-18.59	10.90	8.77	35.15	58.52



Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	13.63
802.11be EHT40_Nss1,(MCS0)_2TX	10.67
802.11be EHT80_Nss1,(MCS0)_2TX	10.75
802.11be EHT160_Nss1,(MCS0)_2TX	6.67
6.525-6.875GHz	-
802.11be EHT20_Nss1,(MCS0)_2TX	13.93
802.11be EHT40_Nss1,(MCS0)_2TX	11.30
802.11be EHT80_Nss1,(MCS0)_2TX	11.18
802.11be EHT160_Nss1,(MCS0)_2TX	4.43

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

**Result**

Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	13.49	23.00
6195MHz	Pass	13.63	23.00
6415MHz	Pass	12.40	23.00
6535MHz	Pass	12.53	23.00
6695MHz	Pass	12.91	23.00
6855MHz	Pass	13.93	23.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	10.67	23.00
6205MHz	Pass	8.29	23.00
6405MHz	Pass	9.20	23.00
6565MHz	Pass	9.93	23.00
6685MHz	Pass	10.33	23.00
6845MHz	Pass	11.30	23.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	9.02	23.00
6225MHz	Pass	10.75	23.00
6385MHz	Pass	7.72	23.00
6625MHz	Pass	10.03	23.00
6705MHz	Pass	10.65	23.00
6785MHz	Pass	11.18	23.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	6.67	23.00
6185MHz	Pass	6.14	23.00
6345MHz	Pass	2.92	23.00
6665MHz	Pass	4.43	23.00

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

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

Inf = There's no restriction for the limit.

10/05/2025

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

CF Freq
6.195GHz

Span
30MHz

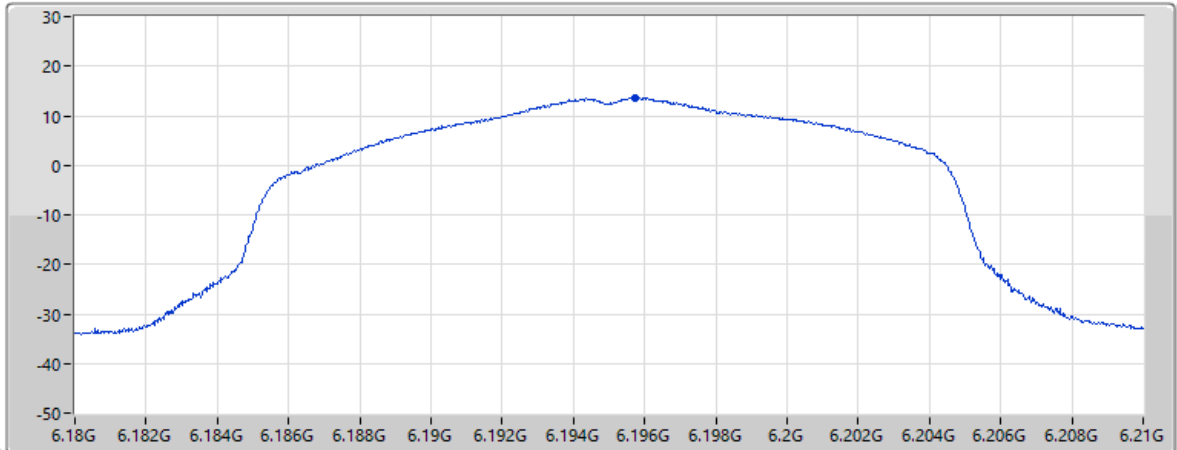
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
20MHz



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EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss]		
13.63		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-5.66	11.90	8.46	35.15	57.88

10/05/2025

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

CF Freq
5.965GHz

Span
60MHz

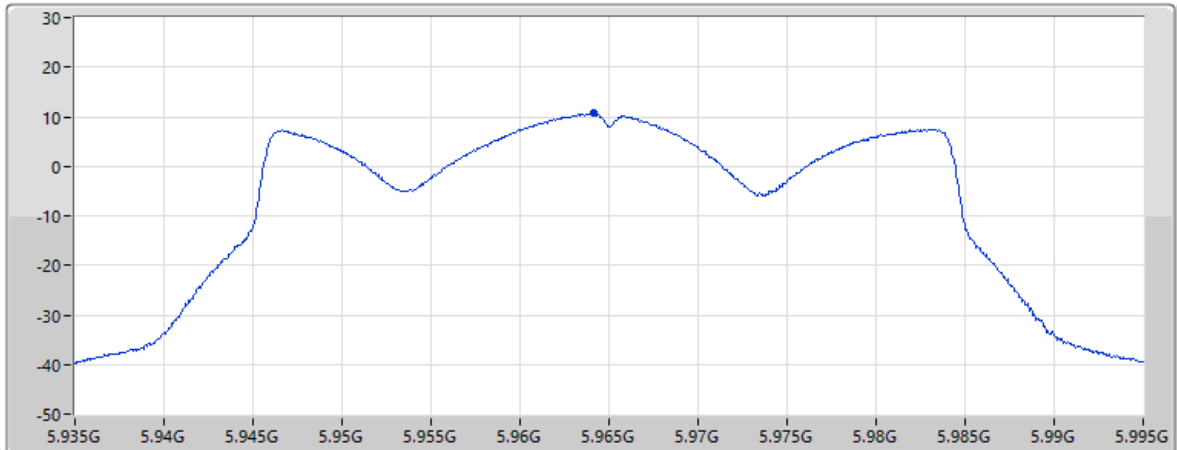
RBW
1MHz

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]		
10.67		Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-8.42	11.73	8.36	35.09	57.55

26/05/2025

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

CF Freq
6.225GHz

Span
120MHz

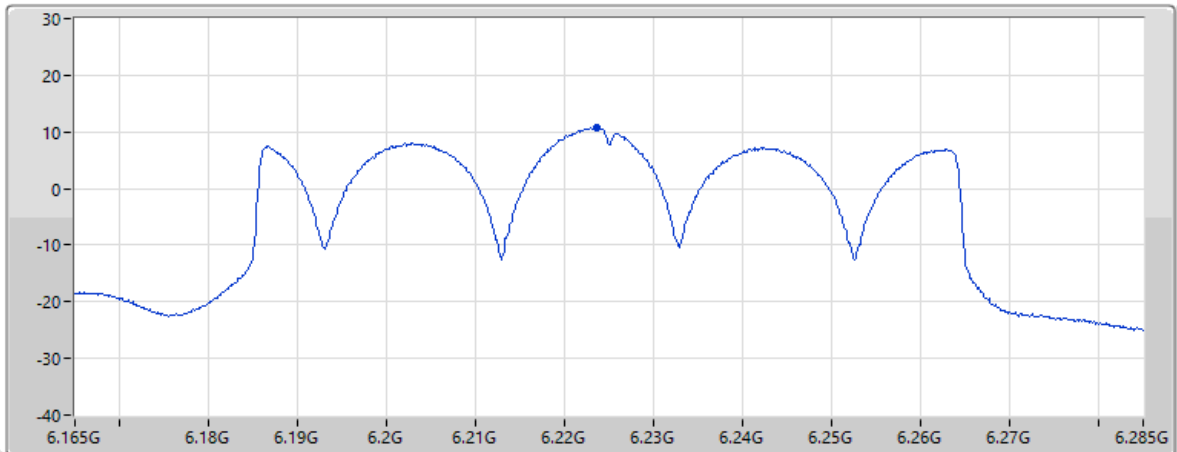
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
80MHz



Page 5

EIRP PSD (dBm)	10.75	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-8.70	11.81	8.50	35.16	57.92

26/05/2025

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

CF Freq
6.025GHz

Span
240MHz

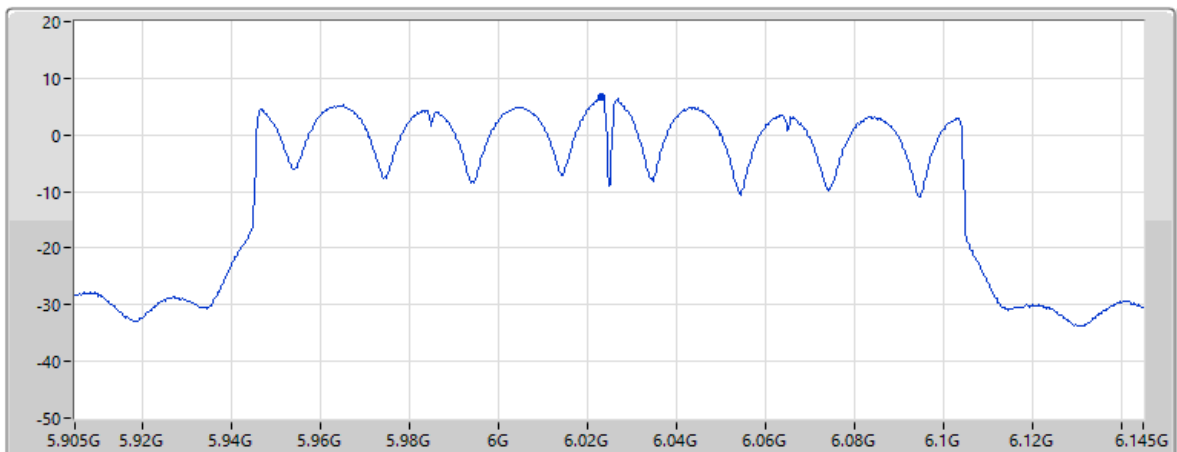
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
160MHz



Page 5

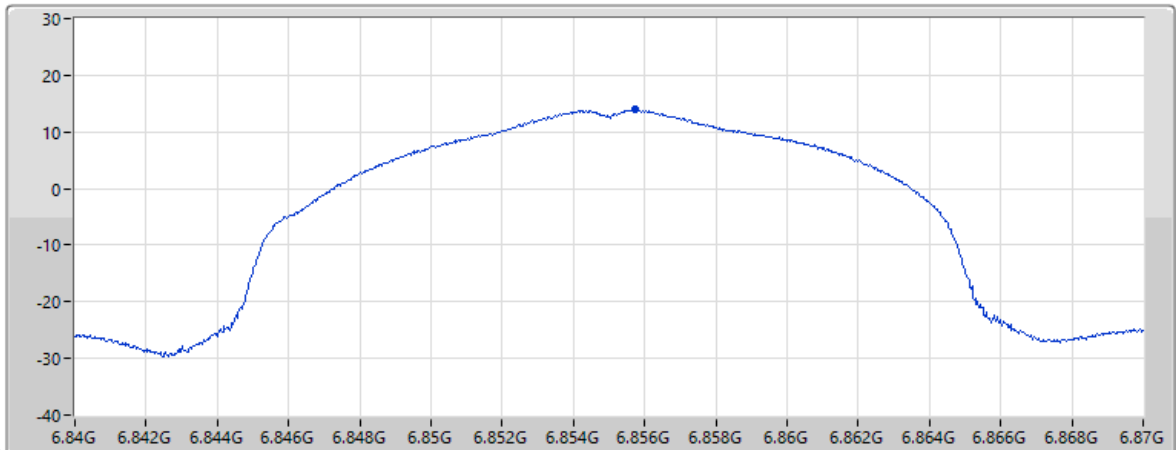
EIRP PSD (dBm)	6.67	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-12.43	11.85	8.39	35.08	57.64



10/05/2025

EIRP PSD;Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6855MHz;TX

CF Freq
6.855GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
20MHz



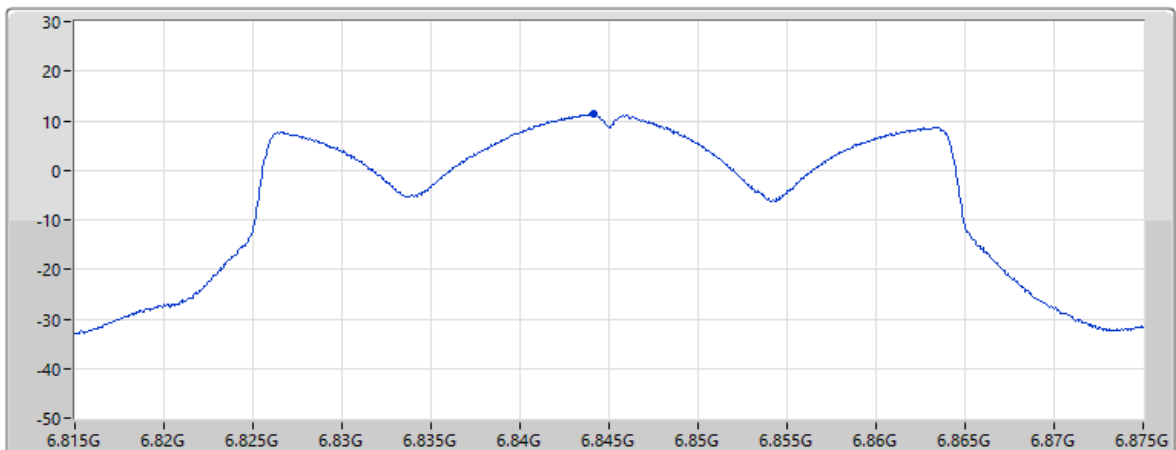
Page 5

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
13.93				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-7.41	11.20	8.79	35.01	58.76

13/05/2025

EIRP PSD;Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6845MHz;TX

CF Freq
6.845GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
40MHz



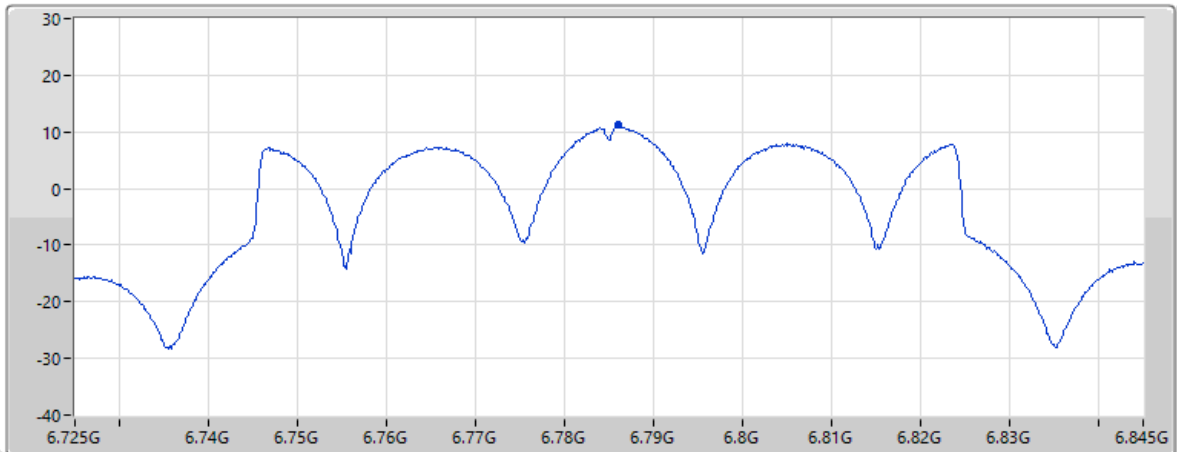
Page 5

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
11.3				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-10.03	11.19	8.79	35.02	58.75

14/05/2025

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

CF Freq
6.785GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
80MHz



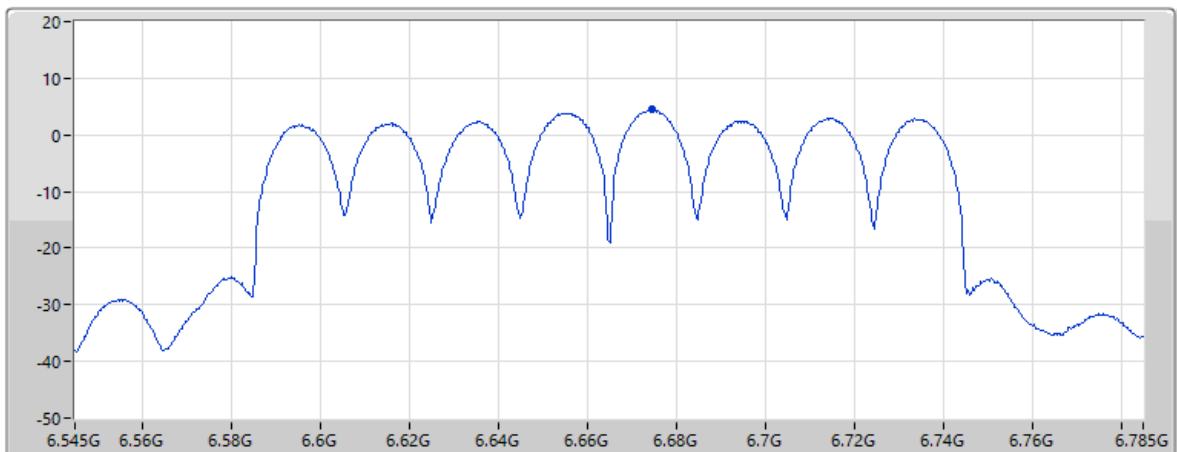
Page 5

EIRP PSD (dBm)	11.18	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-10.13	11.07	8.77	35.06	58.67

26/05/2025

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

CF Freq
6.665GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
160MHz



Page 5

EIRP PSD (dBm)	4.43	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-16.83	10.90	8.77	35.14	58.53



Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port2)	3.75
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port2)	0.78

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_1TX(Port2)	-	-	-
5985MHz	Pass	3.75	23.00
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port2)	-	-	-
6025MHz	Pass	0.78	23.00

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.

03/07/2025

EIRP PSD;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 MRU 3;Nant:1(2);Ch:5985MHz;TX

CF Freq
5.985GHz

Span
120MHz

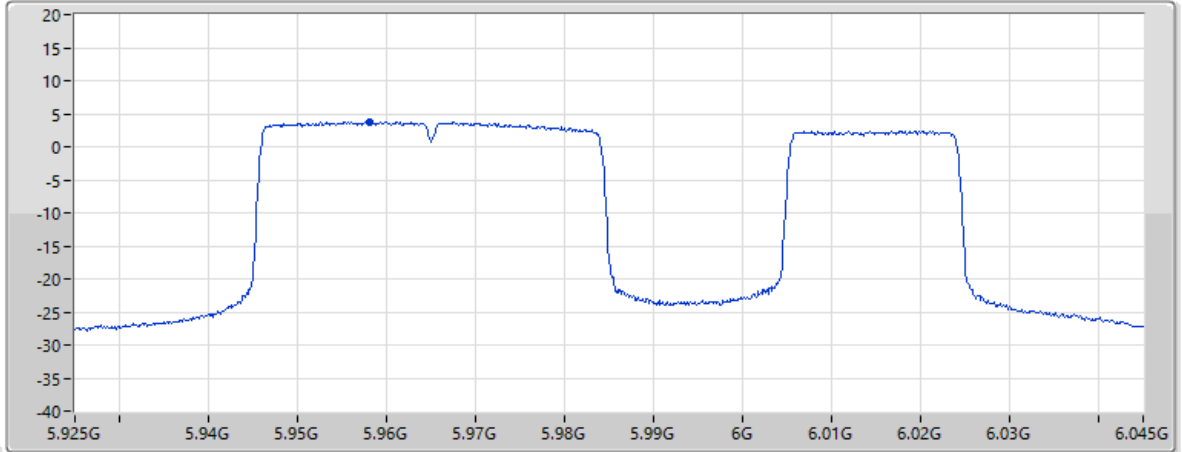
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
80MHz



Page 6

EIRP PSD (dBm)

3.75

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

Pr=Pmeas-Gr+Lc-Gamp

Pmeas

Gr (dBi)

Lc (dB)

Gamp (dB)

Lp (dB)

-15.32

11.72

8.35

35.10

57.54

03/07/2025

EIRP PSD;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0),RU484+3xRU242 MRU 1;Nant:1(2);Ch:6025MHz;TX

CF Freq
6.025GHz

Span
240MHz

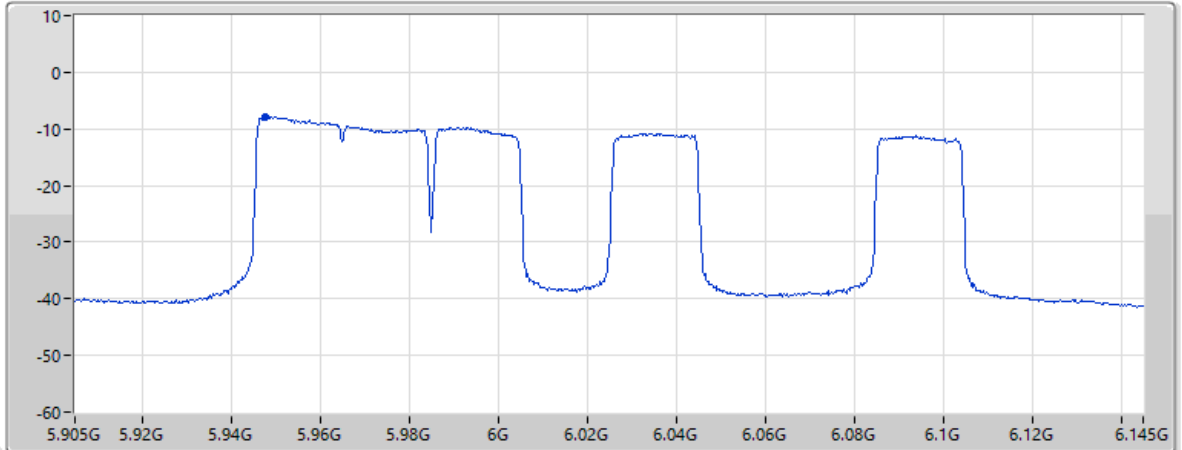
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
160MHz



Page 5

EIRP PSD (dBm)

-7.88

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

Pr=Pmeas-Gr+Lc-Gamp

Pmeas

Gr (dBi)

Lc (dB)

Gamp (dB)

Lp (dB)

-26.96

11.70

8.35

35.10

57.53



Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	7.59
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	4.65

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_2TX	-	-	-
5985MHz	Pass	7.59	23.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-	-	-
6025MHz	Pass	4.65	23.00

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.

04/07/2025

EIRP PSD;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 MRU 3;Nant:2;Ch:5985MHz;TX

CF Freq
5.985GHz

Span
120MHz

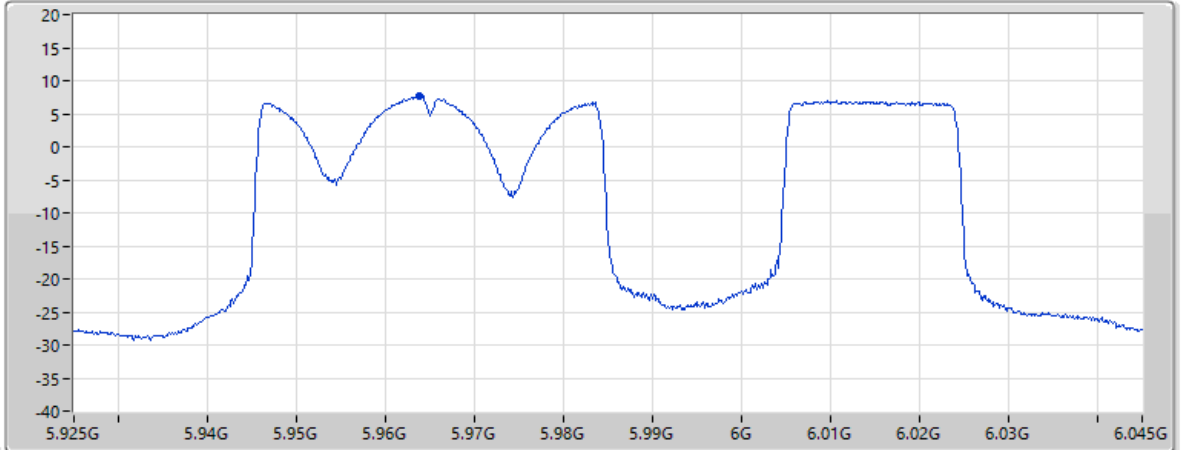
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
80MHz



Page 5

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
7.59				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.50	11.73	8.36	35.09	57.55

04/07/2025

EIRP PSD;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484 MRU 2;Nant:2;Ch:6025MHz;TX

CF Freq
6.025GHz

Span
240MHz

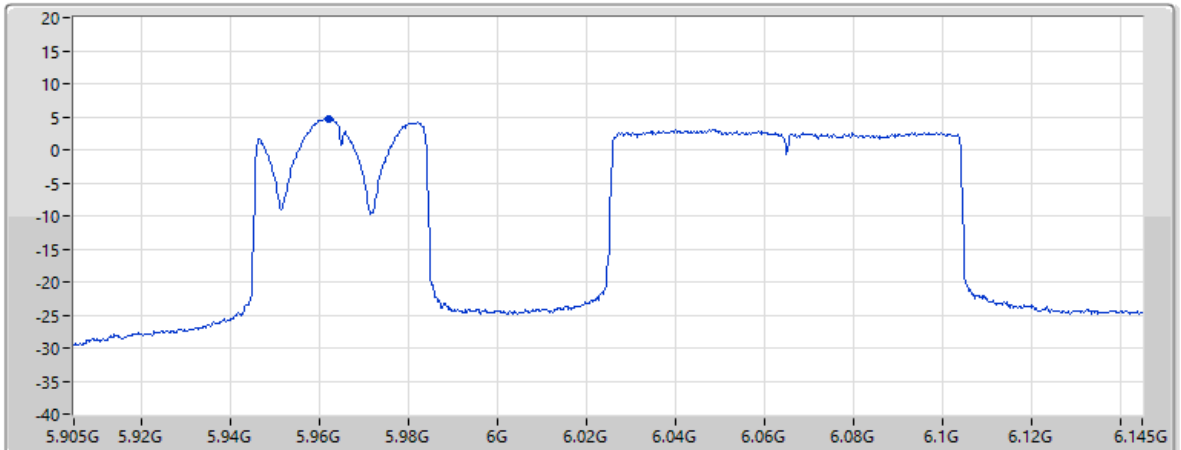
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
160MHz



Page 5

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
4.65				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-14.45	11.72	8.36	35.09	57.55



Radiated PSD_Non-Beamforming_Radio 3_1T1S_ Channel Puncturing

Appendix D.5

Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX(Port2)	5.16
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_1TX(Port2)	0.88

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



Radiated PSD_Non-Beamforming_Radio 3_1T1S_ Channel Puncturing

Appendix D.5

Result

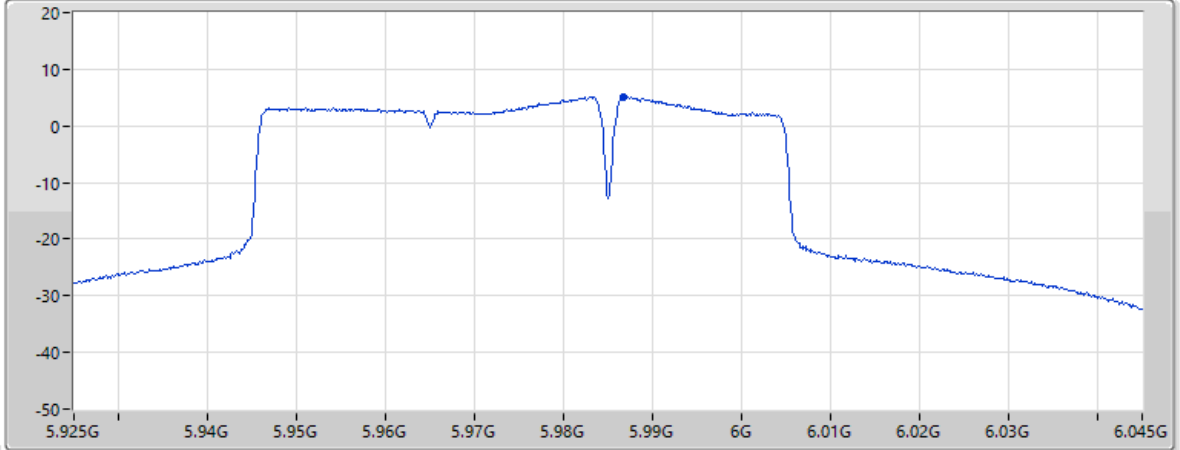
Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX(Port2)	-	-	-
5985MHz	Pass	5.16	23.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_1TX(Port2)	-	-	-
6025MHz	Pass	0.88	23.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX(Port2)	-	-	-
6025MHz	Pass	0.01	23.00

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.

03/07/2025

EIRP PSD;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 CP 4;Nant:1(2);Ch:5985MHz;TX

CF Freq
5.985GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
80MHz



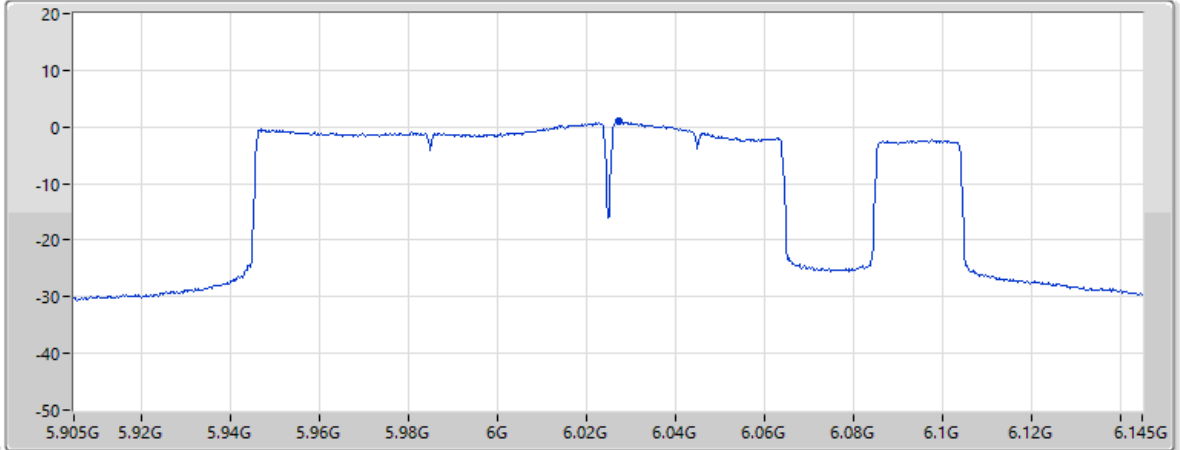
Page 6

EIRP PSD (dBm)	5.16	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-13.95	11.77	8.37	35.08	57.59

03/07/2025

EIRP PSD;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484+RU242 CP 7;Nant:1(2);Ch:6025MHz;TX

CF Freq
6.025GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
160MHz



Page 6

EIRP PSD (dBm)	0.88	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-18.23	11.85	8.39	35.08	57.65



Radiated PSD_Non-Beamforming_Radio 3_2T1S_ Channel Puncturing

Appendix D.6

Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	7.06
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	5.50

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



Radiated PSD_Non-Beamforming_Radio 3_2T1S_ Channel Puncturing

Appendix D.6

Result

Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-
5985MHz_TX	Pass	7.06	23.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	-	-	-
6025MHz_TX	Pass	5.50	23.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX	-	-	-
6025MHz_TX	Pass	5.41	23.00

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

16/07/2025

EIRP PSD;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0),RU484+RU242 CP 3;Nant:2;Ch:5985MHz;TX

CF Freq
5.985GHz

Span
120MHz

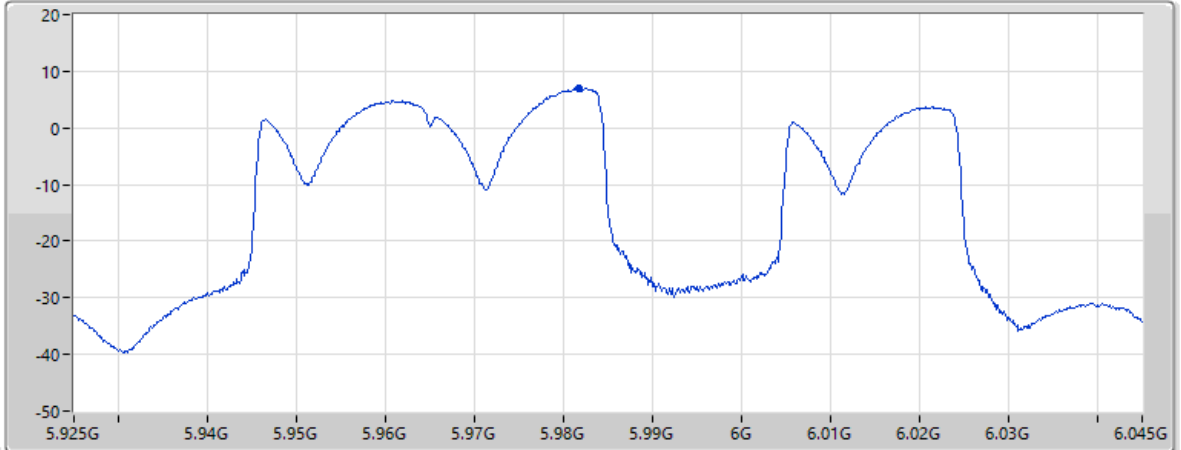
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
80MHz



Page 5

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
7.06				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-12.05	11.76	8.37	35.08	57.58

16/07/2025

EIRP PSD;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0),RU996+RU484+RU242 CP 6;Nant:2;Ch:6025MHz;TX

CF Freq
6.025GHz

Span
240MHz

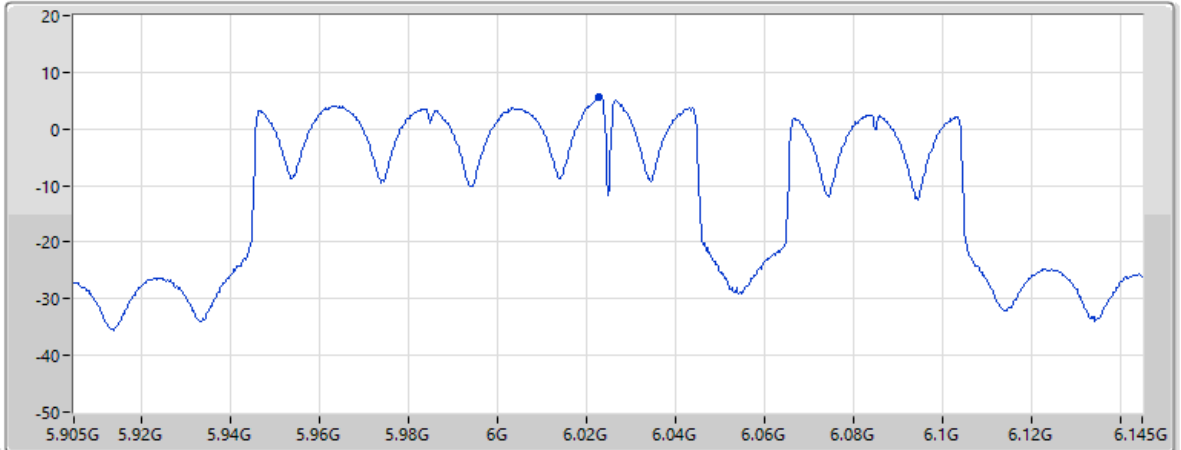
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
160MHz



Page 5

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
5.5				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-13.60	11.85	8.39	35.08	57.64



Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11ax HEW20_Nss1,(MCS0)_1TX	8.35
802.11ax HEW40_Nss1,(MCS0)_1TX	5.51
802.11ax HEW80_Nss1,(MCS0)_1TX	2.43
802.11ax HEW160_Nss1,(MCS0)_1TX	-0.67
6.525-6.875GHz	-
802.11ax HEW20_Nss1,(MCS0)_1TX	9.23
802.11ax HEW40_Nss1,(MCS0)_1TX	6.65
802.11ax HEW80_Nss1,(MCS0)_1TX	4.97
802.11ax HEW160_Nss1,(MCS0)_1TX	1.78

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

**Result**

Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-
5955MHz	Pass	8.35	23.00
6195MHz	Pass	7.64	23.00
6415MHz	Pass	6.59	23.00
6535MHz	Pass	9.23	23.00
6695MHz	Pass	9.18	23.00
6855MHz	Pass	8.40	23.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-
5965MHz	Pass	5.51	23.00
6205MHz	Pass	4.98	23.00
6405MHz	Pass	4.17	23.00
6565MHz	Pass	6.43	23.00
6685MHz	Pass	6.65	23.00
6845MHz	Pass	5.68	23.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-
5985MHz	Pass	2.43	23.00
6225MHz	Pass	2.10	23.00
6385MHz	Pass	2.20	23.00
6625MHz	Pass	4.97	23.00
6705MHz	Pass	4.37	23.00
6785MHz	Pass	4.25	23.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-
6025MHz	Pass	-0.67	23.00
6185MHz	Pass	-0.79	23.00
6345MHz	Pass	-0.99	23.00
6665MHz	Pass	1.78	23.00

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.

12/05/2025

EIRP PSD;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:5955MHz;TX

CF Freq
5.955GHz

Span
30MHz

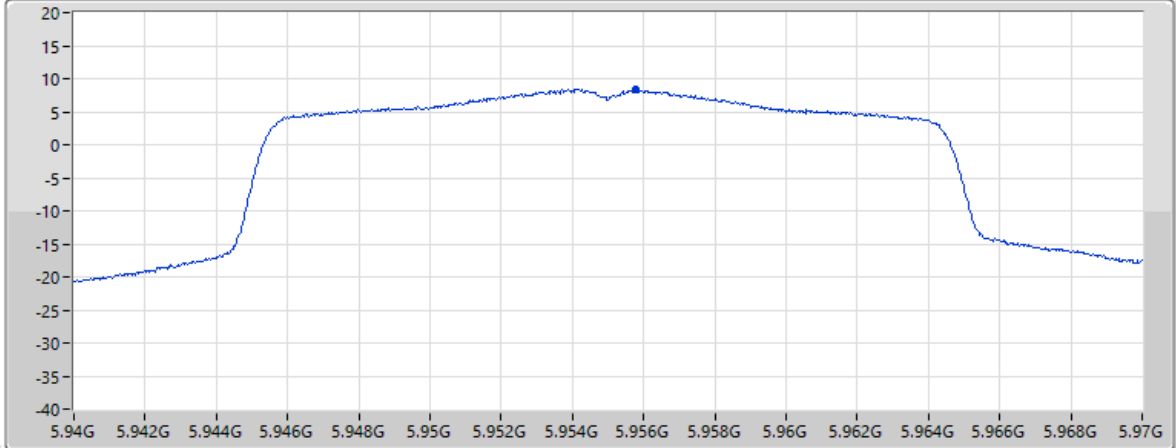
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
20MHz



Page 6

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
8.35				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-10.73	11.71	8.35	35.10	57.54

09/06/2025

EIRP PSD;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:5965MHz;TX

CF Freq
5.965GHz

Span
60MHz

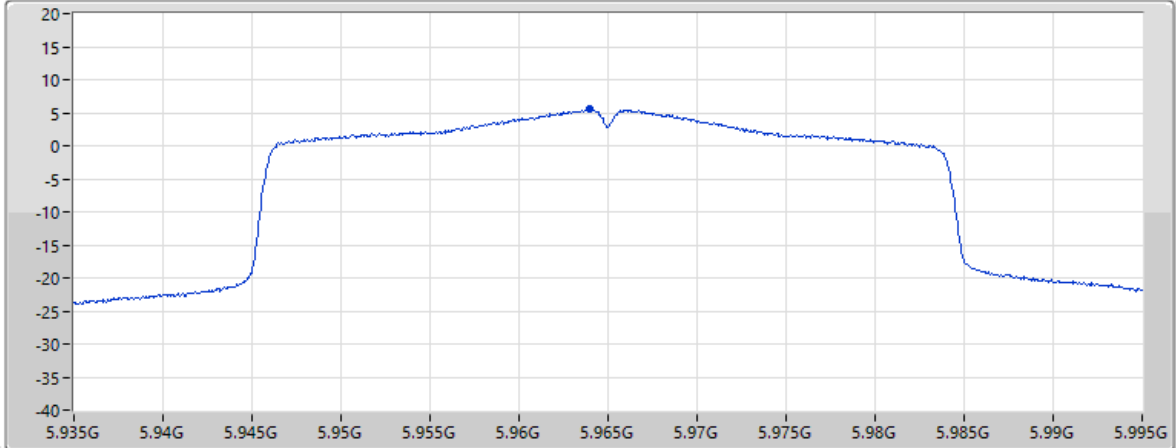
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
40MHz



Page 6

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
5.51				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-13.58	11.73	8.36	35.09	57.55

09/06/2025

EIRP PSD;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:5985MHz;TX

CF Freq
5.985GHz

Span
120MHz

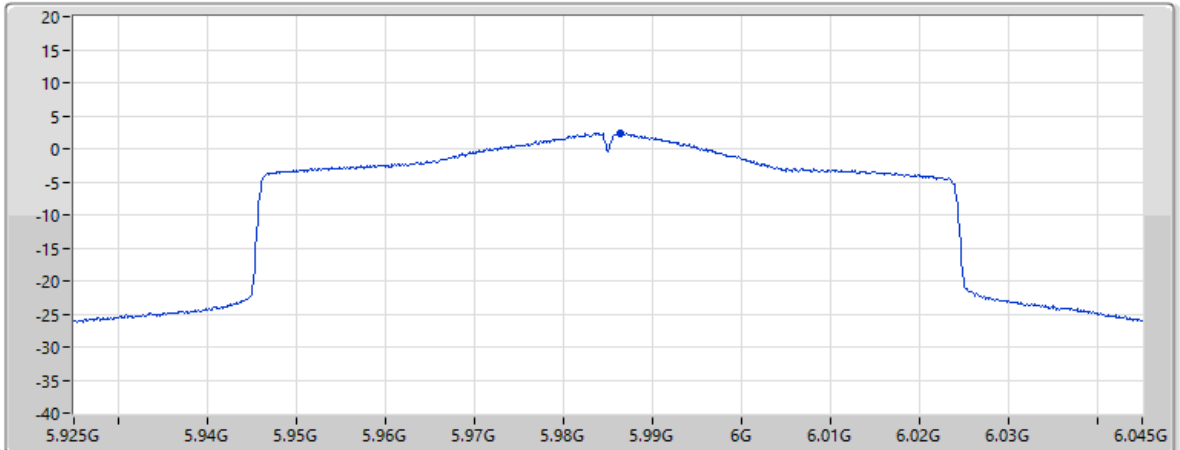
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
80MHz



Page 6

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
2.43				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-16.68	11.77	8.37	35.08	57.59

13/05/2025

EIRP PSD;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:1;Ch:6025MHz;TX

CF Freq
6.025GHz

Span
240MHz

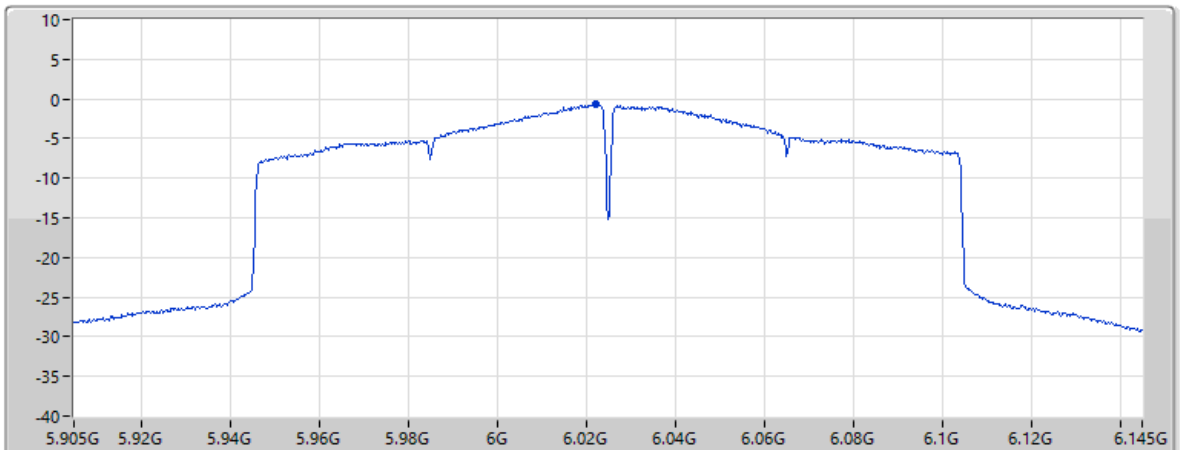
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
160MHz



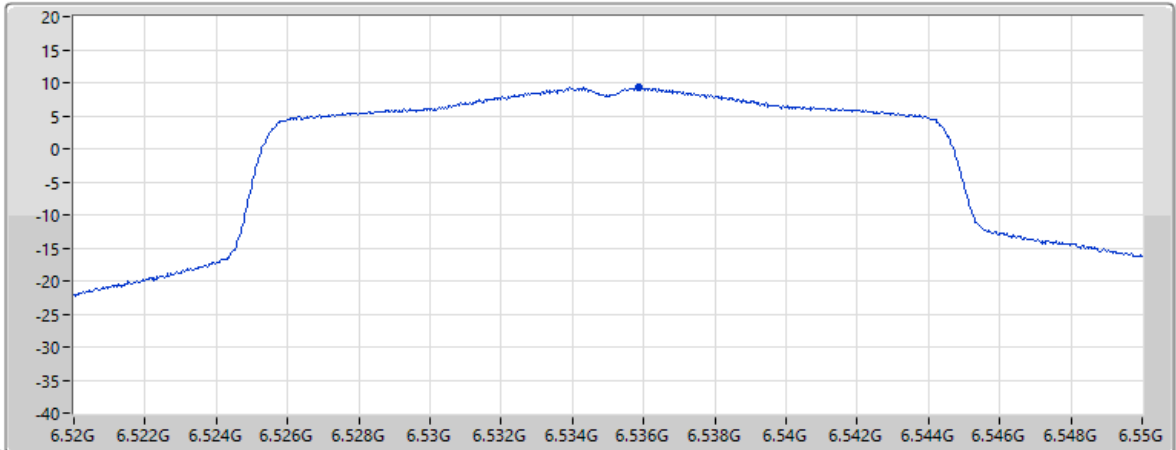
Page 6

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
-0.67				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-19.78	11.84	8.39	35.08	57.64

13/05/2025

EIRP PSD;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:1;Ch:6535MHz;TX

CF Freq
6.535GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
20MHz



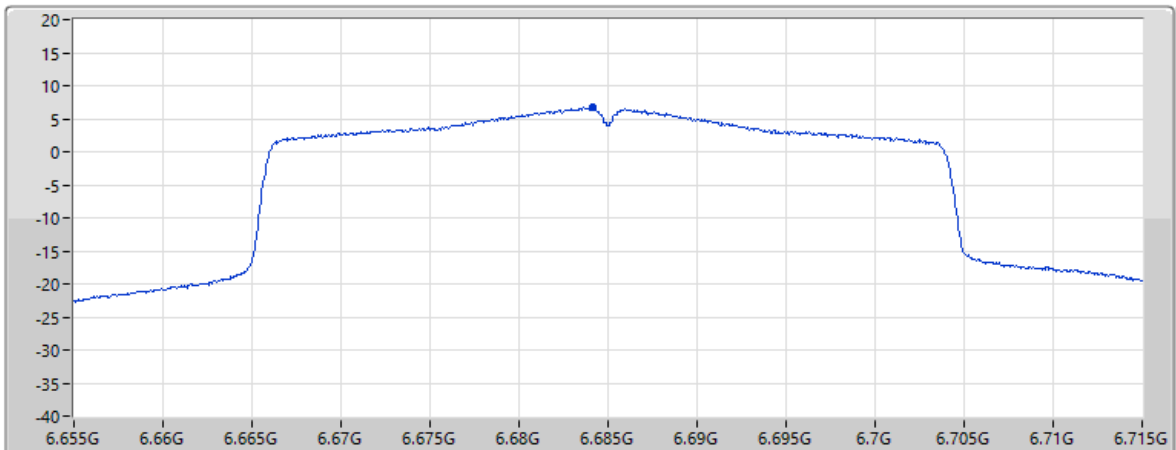
Page 6

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
9.23				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.37	11.28	8.77	35.24	58.35

09/06/2025

EIRP PSD;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:1;Ch:6685MHz;TX

CF Freq
6.685GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
40MHz



Page 6

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
6.65				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-14.63	10.90	8.77	35.13	58.54

09/06/2025

EIRP PSD;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:1;Ch:6625MHz;TX

CF Freq
6.625GHz

Span
120MHz

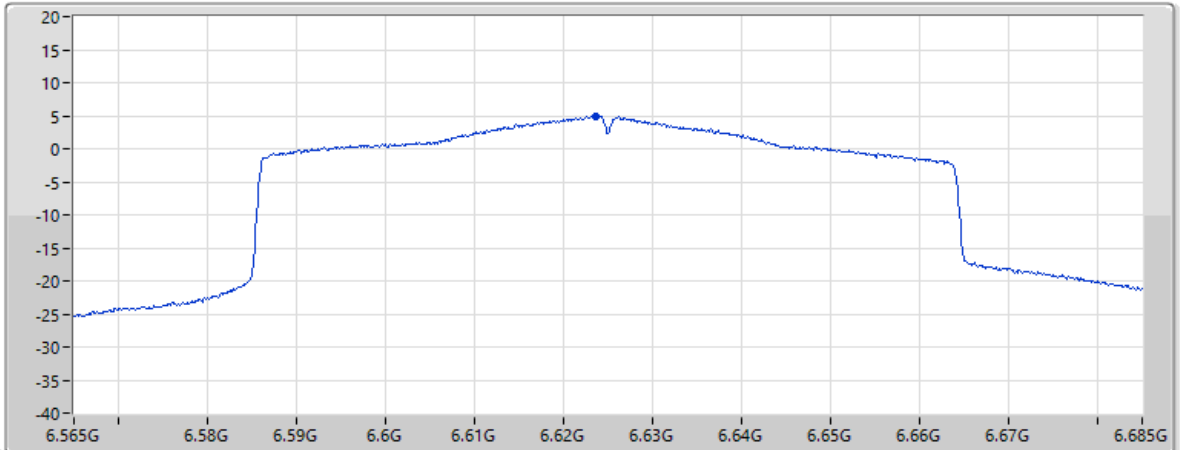
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
80MHz



Page 6

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
4.97				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-16.13	10.95	8.77	35.18	58.46

13/05/2025

EIRP PSD;Band:6.7G;ax160;BWch:160MHz;Nss:1,(M0);Nant:1;Ch:6665MHz;TX

CF Freq
6.665GHz

Span
240MHz

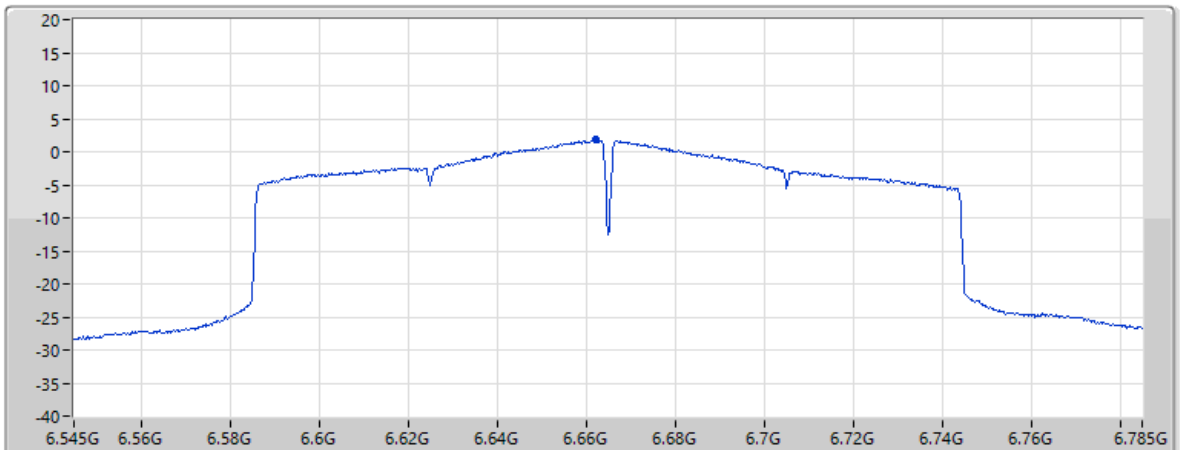
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
160MHz



Page 6

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
1.78				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-19.45	10.90	8.77	35.15	58.51

**Summary**

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	15.94
802.11be EHT40-BF_Nss1,(MCS0)_2TX	11.83
802.11be EHT80-BF_Nss1,(MCS0)_2TX	7.46
802.11be EHT160-BF_Nss1,(MCS0)_2TX	2.59
6.525-6.875GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	14.06
802.11be EHT40-BF_Nss1,(MCS0)_2TX	10.19
802.11be EHT80-BF_Nss1,(MCS0)_2TX	7.53
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-0.48

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

**Result**

Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	13.78	23.00
6195MHz	Pass	15.94	23.00
6415MHz	Pass	12.63	23.00
6535MHz	Pass	12.03	23.00
6695MHz	Pass	13.18	23.00
6855MHz	Pass	14.06	23.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	7.39	23.00
6205MHz	Pass	11.83	23.00
6405MHz	Pass	11.37	23.00
6565MHz	Pass	8.63	23.00
6685MHz	Pass	8.01	23.00
6845MHz	Pass	10.19	23.00
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	7.46	23.00
6225MHz	Pass	6.52	23.00
6385MHz	Pass	5.88	23.00
6625MHz	Pass	4.85	23.00
6705MHz	Pass	7.53	23.00
6785MHz	Pass	7.13	23.00
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	1.17	23.00
6185MHz	Pass	2.59	23.00
6345MHz	Pass	-0.02	23.00
6665MHz	Pass	-0.48	23.00

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

CF Freq
6.195GHz

Span
30MHz

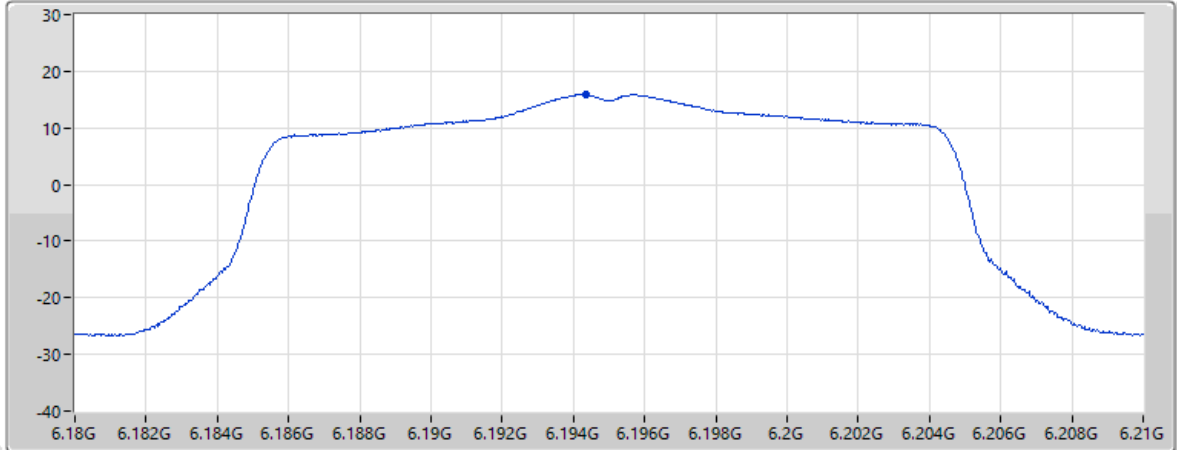
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
20MHz



Page 5

EIRP PSD (dBm)

15.94

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

Pr=Pmeas-Gr+Lc-Gamp

Pmeas

Gr (dBi)

Lc (dB)

Gamp (dB)

Lp (dB)

-3.35

11.90

8.46

35.15

57.88

20/06/2025

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

CF Freq
6.205GHz

Span
60MHz

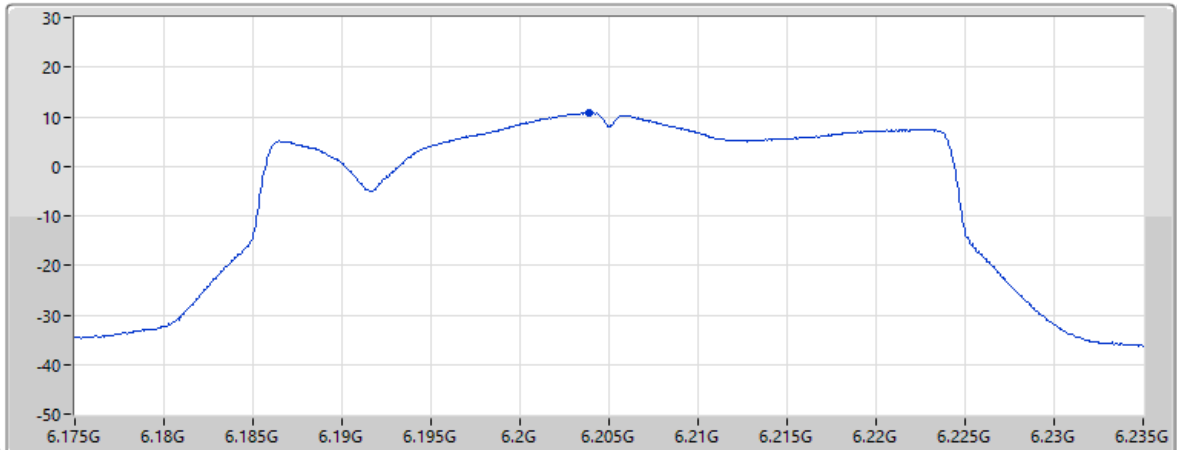
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
40MHz



Page 5

EIRP PSD (dBm)

10.9

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

Pr=Pmeas-Gr+Lc-Gamp

Pmeas

Gr (dBi)

Lc (dB)

Gamp (dB)

Lp (dB)

-8.44

11.88

8.47

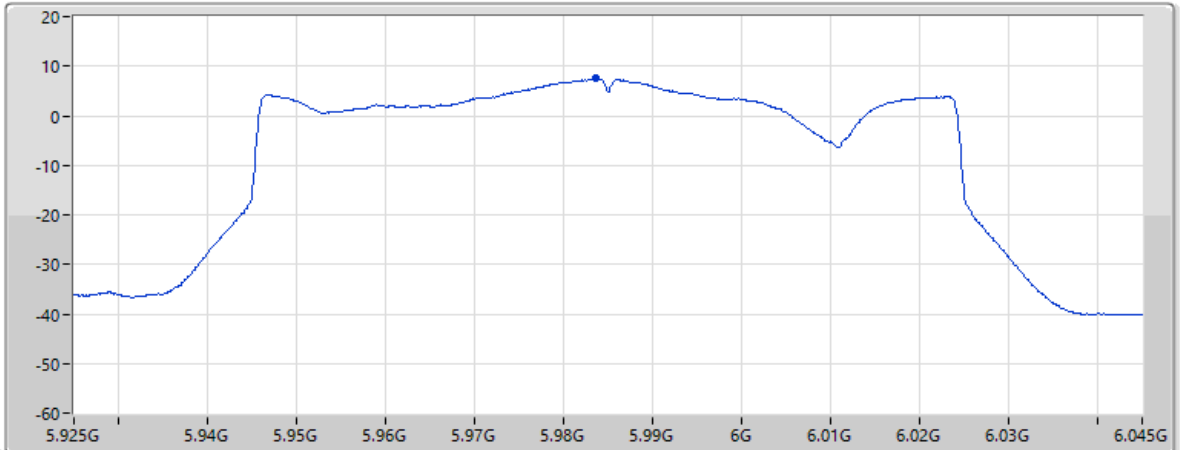
35.15

57.90

17/06/2025

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

CF Freq
5.985GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
80MHz



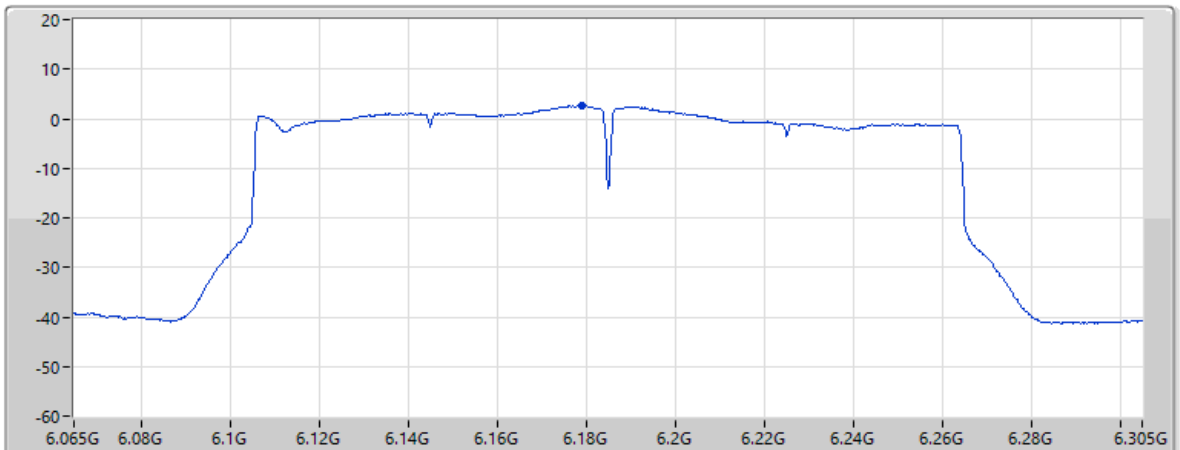
Page 5

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
7.46				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.64	11.77	8.37	35.08	57.58

18/06/2025

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

CF Freq
6.185GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
160MHz



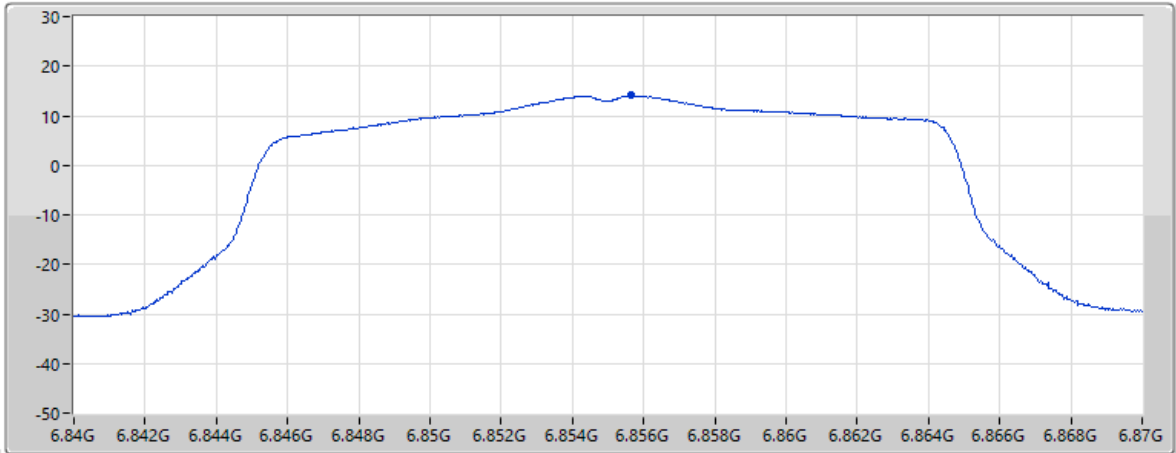
Page 5

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
2.59				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-16.68	11.90	8.45	35.14	57.86

20/06/2025

EIRP PSD;Band:6.7G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6855MHz;TX

CF Freq
6.855GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
20MHz



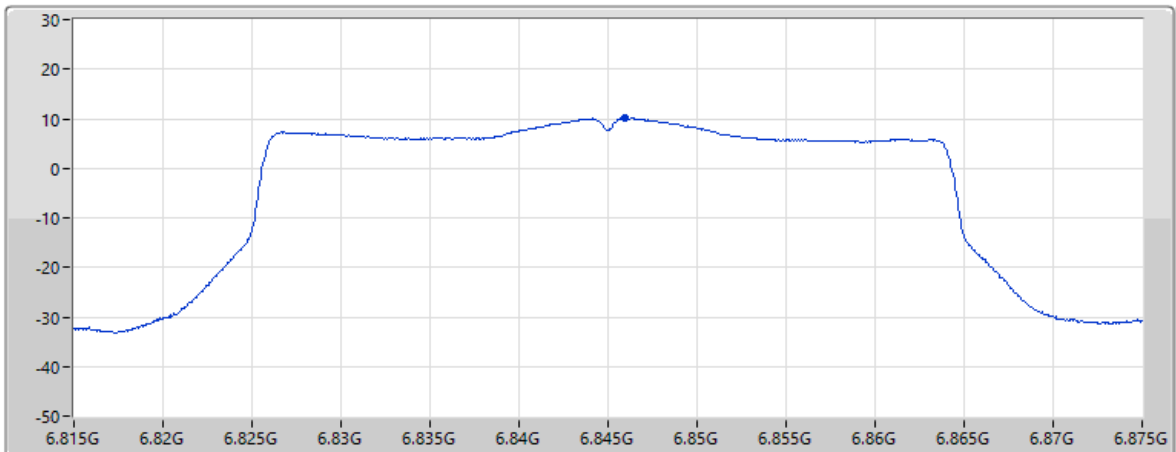
Page 5

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
14.06				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-7.28	11.20	8.79	35.01	58.76

20/06/2025

EIRP PSD;Band:6.7G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6845MHz;TX

CF Freq
6.845GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
40MHz

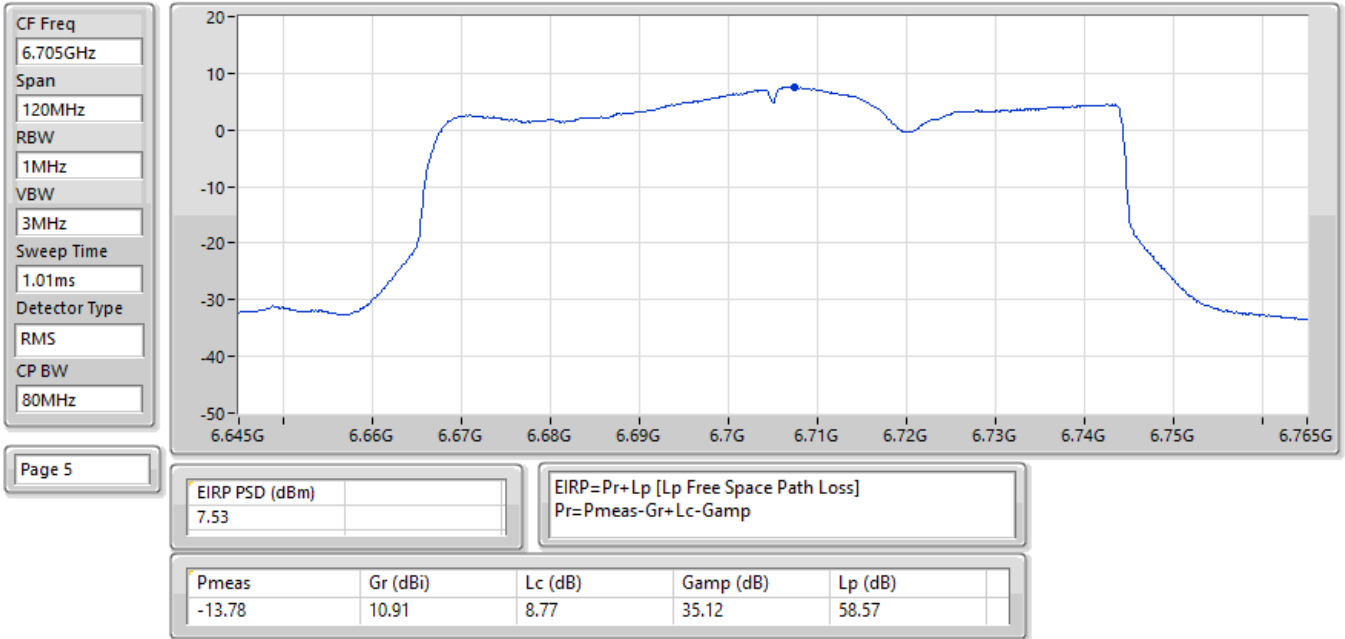


Page 5

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
10.19				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.15	11.19	8.79	35.01	58.75

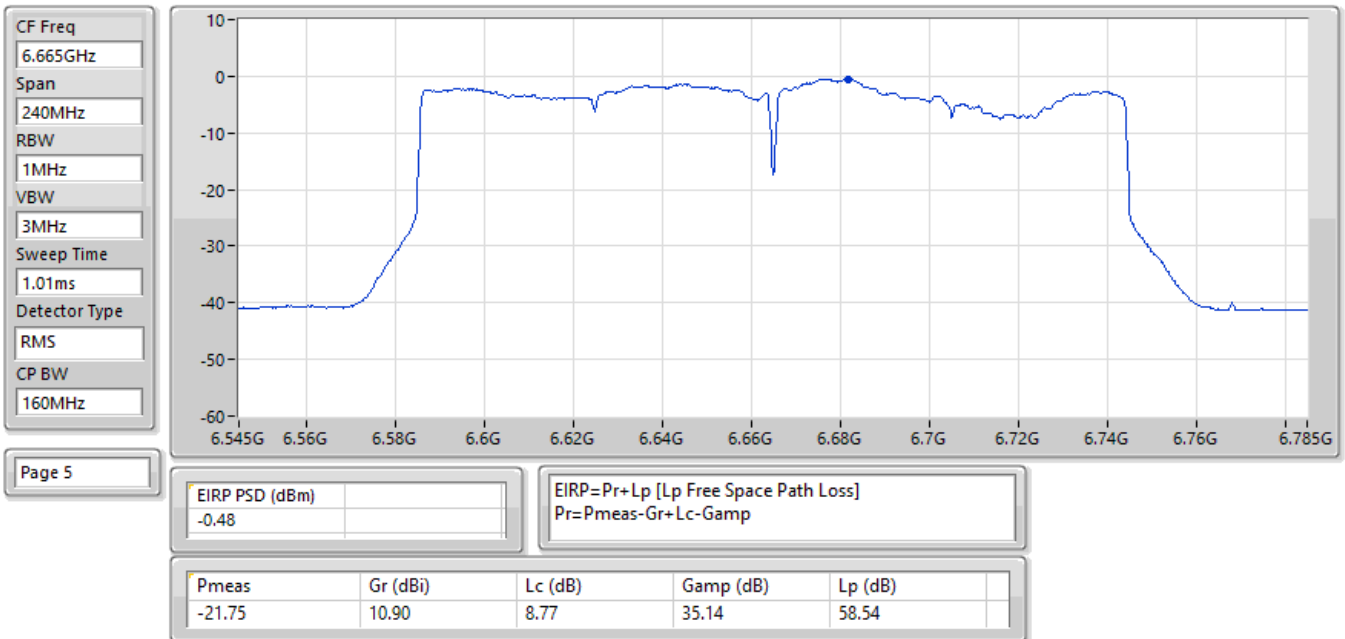
18/06/2025

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



18/06/2025

EIRP PSD:Band:6.7G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6665MHz;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)_1TX(Port2)	Pass	5.956275G	-0.77	5.96695G	-33.56	-20.77	-12.79	2
802.11be EHT40_Nss1,(MCS0)_1TX(Port2)	Pass	6.40445G	1.22	6.47095G	-48.69	-38.78	-9.91	2
802.11be EHT80_Nss1,(MCS0)_1TX(Port2)	Pass	6.3835G	6.56	6.1852G	-30.52	-26.23	-4.29	2
802.11be EHT160_Nss1,(MCS0)_1TX(Port2)	Pass	6.1804G	2.82	5.8426G	-37.52	-37.18	-0.34	2
6.525-6.875GHz	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	Pass	6.535875G	0.69	6.503025G	-46.01	-38.37	-7.64	2
802.11be EHT40_Nss1,(MCS0)_1TX(Port2)	Pass	6.5663G	1.70	6.62965G	-45.54	-38.28	-7.26	2
802.11be EHT80_Nss1,(MCS0)_1TX(Port2)	Pass	6.7038G	7.57	6.8319G	-19.82	-12.51	-7.31	2
802.11be EHT160_Nss1,(MCS0)_1TX(Port2)	Pass	6.6686G	4.66	6.8196G	-20.36	-15.40	-4.96	2

Result

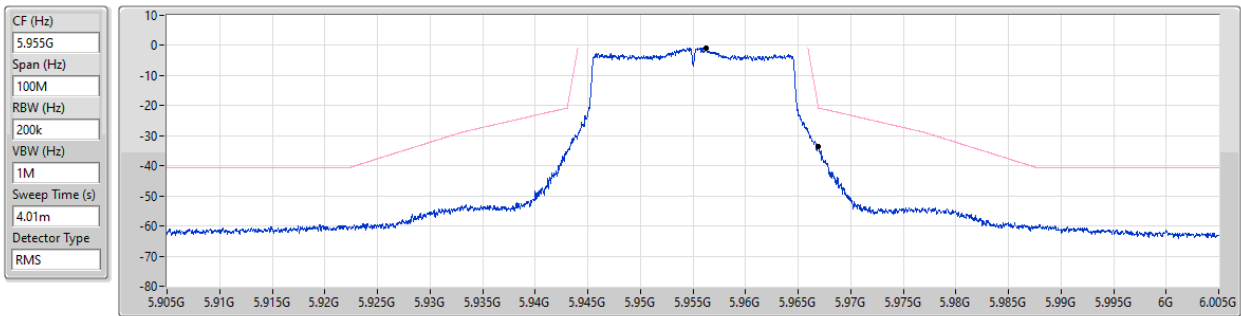
Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11be EHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-	-	-
5955MHz	Pass	5.956275G	-0.77	5.96695G	-33.56	-20.77	-12.79	2
6195MHz	Pass	6.1946G	0.23	6.18295G	-33.73	-19.79	-13.94	2
6415MHz	Pass	6.415625G	0.31	6.436475G	-39.58	-26.27	-13.31	2
6535MHz	Pass	6.535875G	0.69	6.503025G	-46.01	-38.37	-7.64	2
6695MHz	Pass	6.694675G	0.26	6.682975G	-30.25	-19.74	-10.51	2
6855MHz	Pass	6.85535G	0.24	6.86675G	-31.61	-19.76	-11.85	2
802.11be EHT40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-	-	-
5965MHz	Pass	5.96395G	0.77	5.98685G	-29.17	-19.23	-9.94	2
6205MHz	Pass	6.2057G	1.04	6.22735G	-30.74	-18.99	-11.75	2
6405MHz	Pass	6.40445G	1.22	6.47095G	-48.69	-38.78	-9.91	2
6565MHz	Pass	6.5663G	1.70	6.62965G	-45.54	-38.28	-7.26	2
6685MHz	Pass	6.68565G	1.55	6.74885G	-47.94	-38.35	-9.59	2
6845MHz	Pass	6.84435G	1.51	6.8675G	-30.57	-18.39	-12.18	2
802.11be EHT80_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-	-	-
5985MHz	Pass	5.9864G	4.20	5.8575G	-40.62	-35.74	-4.88	2
6225MHz	Pass	6.2267G	4.67	6.2897G	-22.75	-15.65	-7.10	2
6385MHz	Pass	6.3835G	6.56	6.1852G	-30.52	-26.23	-4.29	2
6625MHz	Pass	6.6266G	7.55	6.7228G	-20.76	-12.47	-8.29	2
6705MHz	Pass	6.7038G	7.57	6.8319G	-19.82	-12.51	-7.31	2
6785MHz	Pass	6.7866G	7.41	6.8987G	-22.28	-12.83	-9.45	2
802.11be EHT160_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-	-	-
6025MHz	Pass	6.0198G	1.69	5.7602G	-38.71	-38.31	-0.40	2
6185MHz	Pass	6.1804G	2.82	5.8426G	-37.52	-37.18	-0.34	2
6345MHz	Pass	6.3402G	3.99	6.5458G	-25.80	-18.24	-7.56	2
6665MHz	Pass	6.6686G	4.66	6.8196G	-20.36	-15.40	-4.96	2

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port2)

MASK

5955MHz_TX

16/05/2025

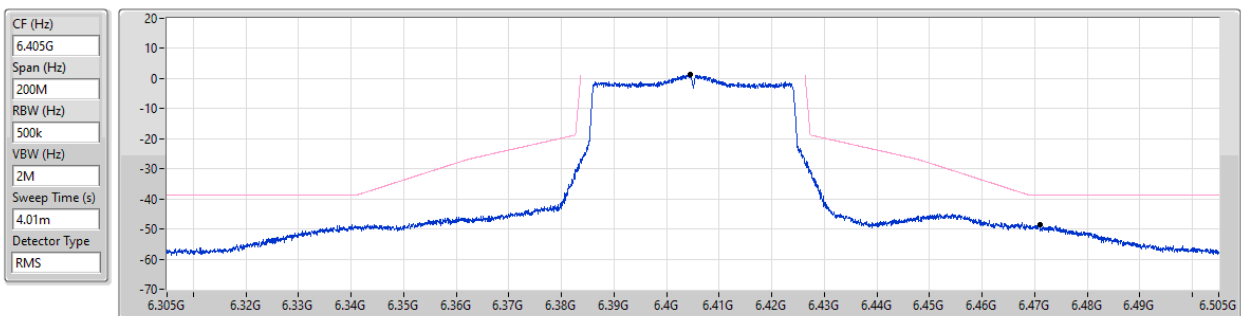


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port2)

MASK

6405MHz_TX

16/05/2025



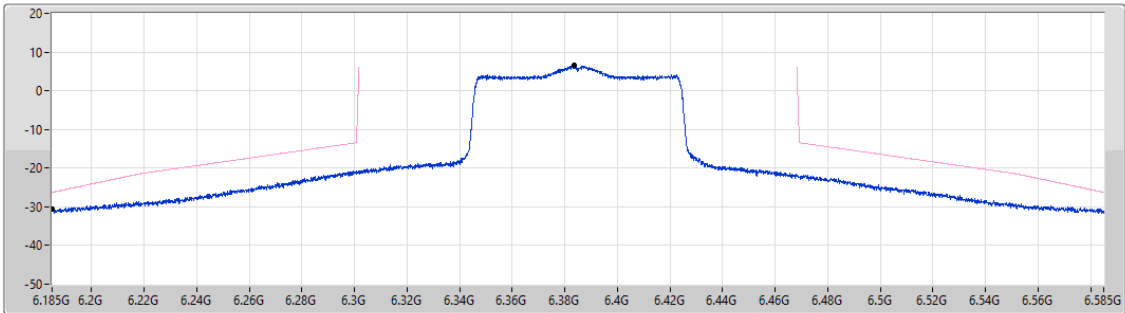
5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port2)

MASK

6385MHz_TX

29/05/2025

CF (Hz)
6.385G
Span (Hz)
400M
RBW (Hz)
2M
VBW (Hz)
10M
Sweep Time (s)
4.01m
Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.3835G	6.56	6.1852G	-30.52	-26.23	-4.29	2

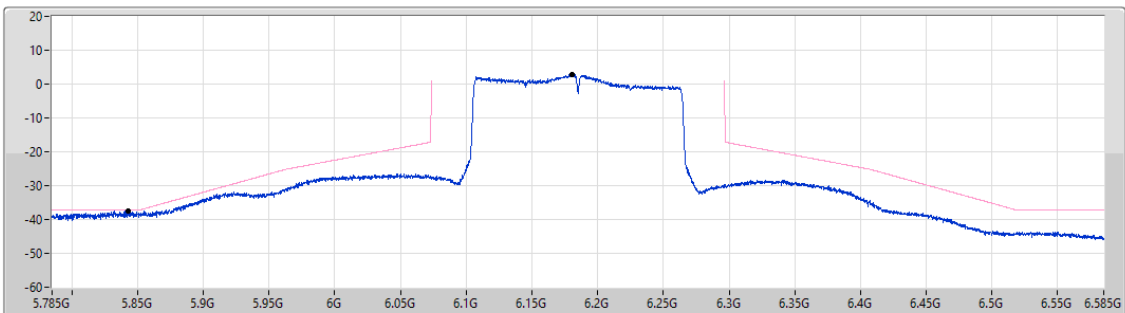
5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port2)

MASK

6185MHz_TX

29/05/2025

CF (Hz)
6.185G
Span (Hz)
800M
RBW (Hz)
2M
VBW (Hz)
10M
Sweep Time (s)
4.01m
Detector Type
RMS



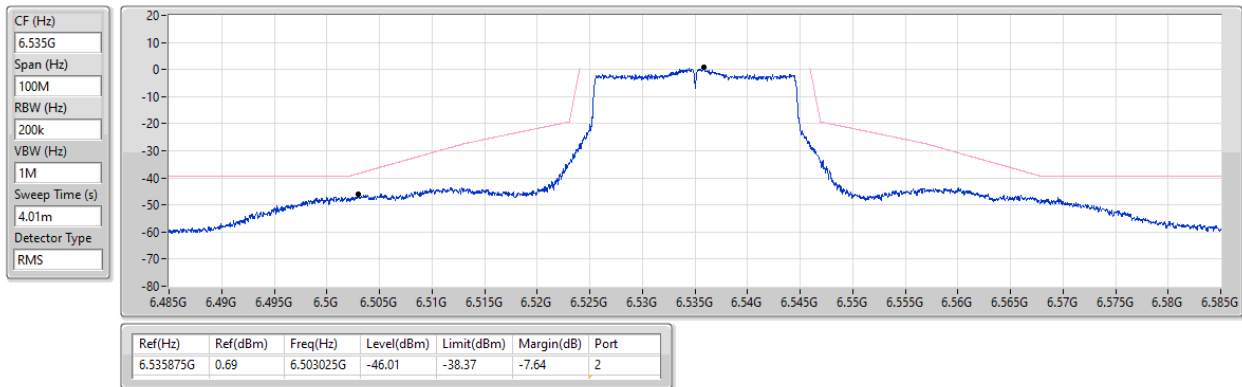
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.1804G	2.82	5.8426G	-37.52	-37.18	-0.34	2

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port2)

MASK

6535MHz_TX

16/05/2025

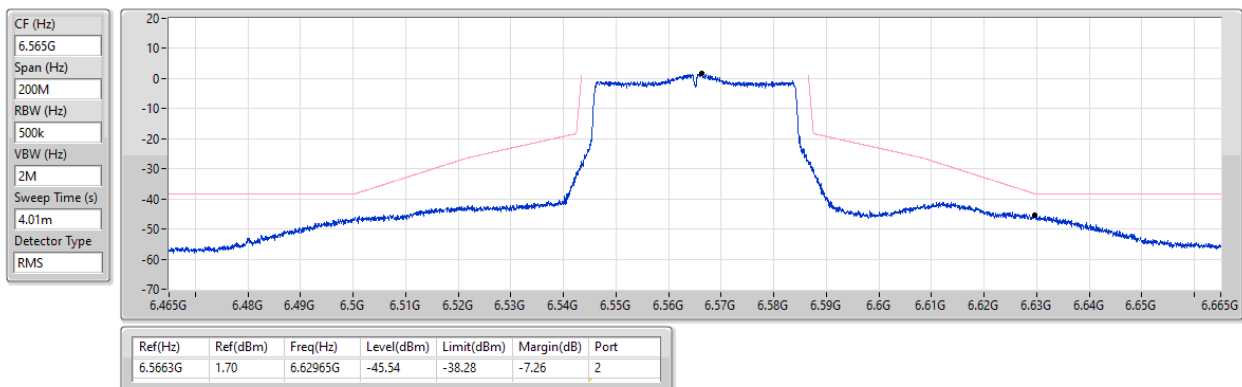


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port2)

MASK

6565MHz_TX

16/05/2025

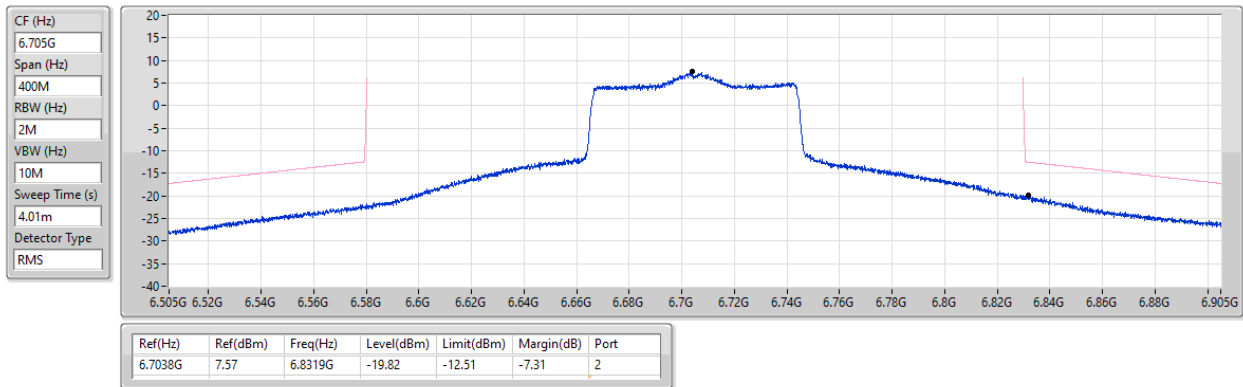


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port2)

MASK

6705MHz_TX

29/05/2025

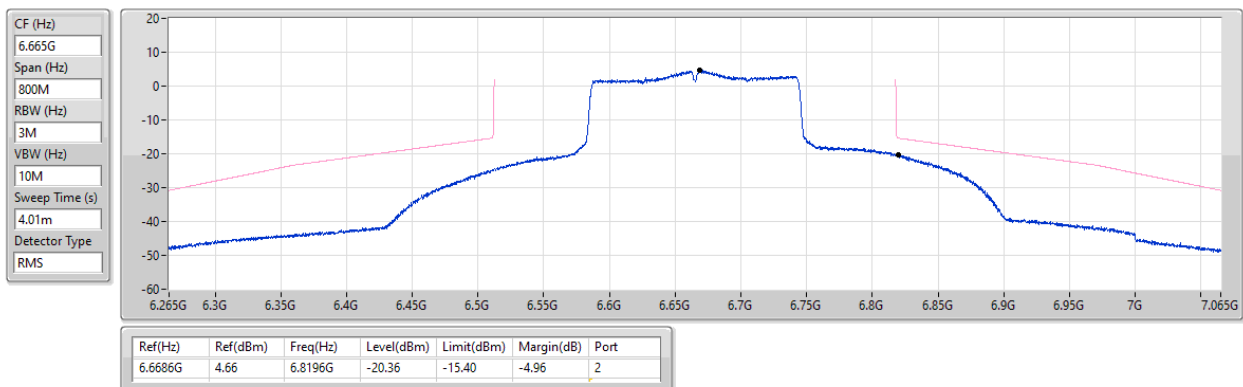


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port2)

MASK

6665MHz_TX

29/05/2025



**Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
5.925-6.425GHz	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	6.4142G	1.40	6.38325G	-47.32	-38.39	-8.93	2
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	6.4039G	2.36	6.46755G	-45.71	-37.27	-8.44	2
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	6.224G	4.53	6.0804G	-36.90	-35.47	-1.43	2
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	6.3418G	2.36	6.5998G	-37.28	-37.19	-0.09	2
6.525-6.875GHz	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	6.53545G	0.82	6.57605G	-45.29	-39.18	-6.11	1
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	6.56305G	2.18	6.62685G	-43.41	-37.81	-5.60	2
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	6.6265G	3.87	6.7577G	-37.25	-36.13	-1.12	1
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	6.6608G	1.05	6.9266G	-41.00	-38.95	-2.05	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.95435G	0.88	5.96665G	-32.00	-19.27	-12.73	1
5955MHz	Pass	5.954675G	0.48	5.943225G	-33.10	-19.56	-13.54	2
6195MHz	Pass	6.1954G	1.45	6.206375G	-31.51	-18.15	-13.36	1
6195MHz	Pass	6.19475G	1.58	6.2071G	-34.27	-18.22	-16.05	2
6415MHz	Pass	6.415475G	1.56	6.42615G	-29.16	-18.52	-10.64	1
6415MHz	Pass	6.4142G	1.40	6.38325G	-47.32	-38.39	-8.93	2
6535MHz	Pass	6.53545G	0.82	6.57605G	-45.29	-39.18	-6.11	1
6535MHz	Pass	6.53425G	1.02	6.568325G	-46.50	-38.97	-7.53	2
6695MHz	Pass	6.695925G	-0.69	6.707625G	-33.73	-20.79	-12.94	1
6695MHz	Pass	6.69455G	-0.38	6.6826G	-30.65	-20.50	-10.15	2
6855MHz	Pass	6.855525G	0.84	6.889675G	-47.48	-39.16	-8.32	1
6855MHz	Pass	6.85535G	1.16	6.8668G	-31.74	-18.86	-12.88	2
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.96365G	2.14	5.988G	-31.62	-17.90	-13.72	1
5965MHz	Pass	5.9658G	1.90	5.98775G	-30.92	-18.11	-12.81	2
6205MHz	Pass	6.206G	2.15	6.18235G	-30.98	-17.86	-13.12	1
6205MHz	Pass	6.2041G	2.92	6.2266G	-26.52	-17.09	-9.43	2
6405MHz	Pass	6.40585G	2.65	6.48005G	-46.28	-37.35	-8.93	1
6405MHz	Pass	6.4039G	2.36	6.46755G	-45.71	-37.27	-8.44	2
6565MHz	Pass	6.56645G	1.87	6.48005G	-46.11	-38.13	-7.98	1
6565MHz	Pass	6.56305G	2.18	6.62685G	-43.41	-37.81	-5.60	2
6685MHz	Pass	6.68445G	0.39	6.66315G	-28.75	-19.61	-9.14	1
6685MHz	Pass	6.684G	0.64	6.75G	-47.92	-39.36	-8.56	2
6845MHz	Pass	6.84575G	2.33	6.8667G	-27.17	-17.68	-9.49	1
6845MHz	Pass	6.8443G	1.59	6.86695G	-28.10	-18.43	-9.67	2
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	5.9836G	2.94	5.8613G	-45.26	-36.95	-8.31	1
5985MHz	Pass	5.9868G	2.64	5.8491G	-47.79	-37.36	-10.43	2
6225MHz	Pass	6.2241G	4.25	6.1045G	-37.94	-33.63	-4.31	1
6225MHz	Pass	6.224G	4.53	6.0804G	-36.90	-35.47	-1.43	2
6385MHz	Pass	6.3866G	4.05	6.261G	-40.85	-35.45	-5.40	1
6385MHz	Pass	6.3827G	3.53	6.5181G	-37.99	-36.47	-1.52	2
6625MHz	Pass	6.6265G	3.87	6.7577G	-37.25	-36.13	-1.12	1
6625MHz	Pass	6.6231G	4.51	6.713G	-21.37	-17.01	-4.36	2
6705MHz	Pass	6.7068G	7.12	6.5058G	-30.68	-26.90	-3.78	1
6705MHz	Pass	6.7014G	7.14	6.8306G	-19.28	-12.91	-6.37	2
6785MHz	Pass	6.7863G	7.63	6.5861G	-30.17	-25.61	-4.56	1
6785MHz	Pass	6.7863G	7.54	6.903G	-20.98	-13.50	-7.48	2
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	6.0226G	3.05	5.7646G	-38.50	-36.95	-1.55	1
6025MHz	Pass	6.0278G	2.83	5.7598G	-38.49	-37.17	-1.32	2
6185MHz	Pass	6.183G	2.14	5.924G	-42.53	-37.72	-4.81	1
6185MHz	Pass	6.1828G	2.76	5.9278G	-37.93	-37.24	-0.69	2
6345MHz	Pass	6.3478G	2.38	6.0876G	-41.85	-37.62	-4.23	1
6345MHz	Pass	6.3418G	2.36	6.5998G	-37.28	-37.19	-0.09	2
6665MHz	Pass	6.67G	0.50	6.9212G	-46.77	-38.70	-8.07	1
6665MHz	Pass	6.6608G	1.05	6.9266G	-41.00	-38.95	-2.05	2

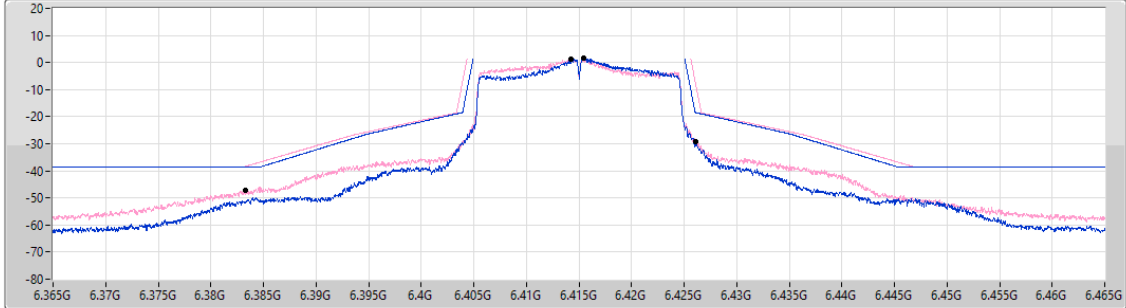
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX

MASK

6415MHz_TX

16/05/2025

CF (Hz)
6.415G
Span (Hz)
100M
RBW (Hz)
200k
VBW (Hz)
1M
Sweep Time (s)
4.01m
Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.415475G	1.56	6.42615G	-29.16	-18.52	-10.64	1
6.4142G	1.40	6.38325G	-47.32	-38.39	-8.93	2

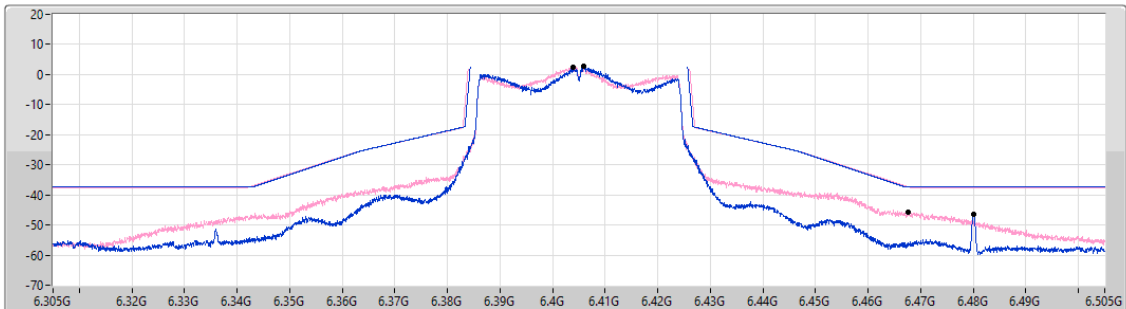
5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

MASK

6405MHz_TX

16/05/2025

CF (Hz)
6.405G
Span (Hz)
200M
RBW (Hz)
500k
VBW (Hz)
2M
Sweep Time (s)
4.01m
Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.40585G	2.65	6.48005G	-46.28	-37.35	-8.93	1
6.4039G	2.36	6.46755G	-45.71	-37.27	-8.44	2