

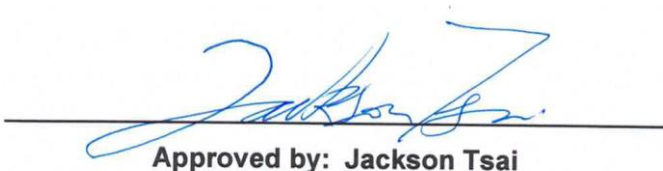


FCC RADIO TEST REPORT

FCC ID : 2AU6R04369
Equipment : 802.11be (WiFi 7) 5G/ 6G 4X4 dual-Radio PTMP Base Station
Brand Name : ZYXEL
Model Name : Root Plus
Applicant : Zyxel Networks Corporation
No.2 Industry East RD. IX, Hsinchu Science Park,
Hsinchu 30075, Taiwan, R.O.C
Manufacturer : Zyxel Networks Corporation
No.2 Industry East RD. IX, Hsinchu Science Park,
Hsinchu 30075, Taiwan, R.O.C
Standard : 47 CFR FCC Part 15.407

The product was received on Jul. 22, 2025, and testing was started from Sep. 19, 2025 and completed on Oct. 16, 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 + Errata to 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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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: HE1-D1-1 Ver2.8
FCC ID: 2AU6R04369



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	PASS	-
3.4	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
-	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:

The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

Reviewed by: Ryan Hsiao

Report Producer: Debby Hung



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), be (EHT160)	6025 ~ 6345	15 ~ 79 [3]
6525 ~ 6875		6665	143 [1]
5925 ~ 6425	be (EH320)	6105 ~ 6265	31~63 [2]

Non-Beamforming

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

**Beamforming**

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

Note:

- ♦ HEW20, HEW40, HEW80, HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80, EHT160 and EHT320 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only due to the similar modulation. The power setting of HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160.

**1.1.2 Antenna Information**

Ant.	Brand	Model Name	Antenna Type	Connector
5	LYNwave Technology	OLA25B-127160-A	Metal Array	I-PEX
6	LYNwave Technology	OLA25B-127160-A	Metal Array	I-PEX
7	LYNwave Technology	OLA25B-127160-A	Metal Array	I-PEX
8	LYNwave Technology	OLA25B-127160-A	Metal Array	I-PEX
9	LYNwave Technology	OLA25B-127160-A	Metal Array	I-PEX
10	LYNwave Technology	OLA25B-127160-A	Metal Array	I-PEX
11	LYNwave Technology	OLA25B-127160-A	Metal Array	I-PEX
12	LYNwave Technology	OLA25B-127160-A	Metal Array	I-PEX
13	LYNwave Technology	OLA25B-127160-A	Metal Array	I-PEX
14	LYNwave Technology	OLA25B-127160-A	Metal Array	I-PEX
15	LYNwave Technology	OLA25B-127160-A	Metal Array	I-PEX
16	LYNwave Technology	OLA25B-127160-A	Metal Array	I-PEX
17	LYNwave Technology	OLA25B-127160-A	Metal Array	I-PEX

Ant.	Port	Gain (dBi)		
		5G	6G	GPS
5	1	-	13.9	-
6	2	-	12.8	-
7	3	-	14.3	-
8	4	-	13.8	-
9	5	-	15.1	-
10	6	-	15	-
11	1	12.1	-	-
12	2	13.6	-	-
13	3	12.1	-	-
14	4	13.9	-	-
15	5	14.4	-	-
16	6	13	-	-
17	1	-	-	L1: 4.5 / L5: 5.2

Note 1: The EUT has thirteen antennas.

For 5GHz function:

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

Ant. 11 (port 1), Ant. 13 (port 3), Ant. 15 (port 5), Ant. 16 (port 6) could transmit/receive simultaneously.

Ant. 12 (port 2), Ant. 14 (port 4), Ant. 15 (port 5), Ant. 16 (port 6) could transmit/receive simultaneously.



The above antenna configurations were pre-tested, the worst case was Ant. 11 (port 1), Ant. 13 (port 3), Ant. 15 (port 5), Ant. 16 (port 6) and it was recorded in this test report.

For 6GHz function:

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

Ant. 5 (port 1), Ant. 7 (port 3), Ant. 9 (port 5), Ant. 10 (port 6) could transmit/receive simultaneously.

Ant. 6 (port 2), Ant. 8 (port 4), Ant. 9 (port 5), Ant. 10 (port 6) could transmit/receive simultaneously.

The above antenna configurations were pre-tested, the worst case was Ant. 5 (port 1), Ant. 7 (port 3), Ant. 9 (port 5), Ant. 10 (port 6) and it was recorded in this test report.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From 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.

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

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss4,(MCS0)_4TX	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT40_Nss4,(MCS0)_4TX	0.998	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT80_Nss4,(MCS0)_4TX	0.998	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT160_Nss4,(MCS0)_4TX	0.998	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT320_Nss4,(MCS0)_4TX	0.998	0.01	5.459m	10Hz (DC>=0.98)

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

Beamforming

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20-BF_Nss4,(MCS0)_4TX	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss4,(MCS0)_4TX	0.998	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss4,(MCS0)_4TX	0.998	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT160-BF_Nss4,(MCS0)_4TX	0.998	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT320-BF_Nss4,(MCS0)_4TX	0.998	0.01	5.459m	10Hz (DC>=0.98)

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 + Errata to 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 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	Wayne Chiu	23.7~24.9°C / 51~55%	19/Sep/2025
RF Conducted	TH01-HY	Alan Chien	23.4~23.9°C / 52~55%	01/Oct/2025
Radiated	03CH03-HY	Simon Cheng	22.2~23.4°C / 50~52%	20/Sep/2025~04/Oct/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 Co-location	03CH09-HY	Lego Lin	23.4~25.1°C / 53~58%	16/Oct/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%
Contention-Based Protocol	0.94 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
-----------------------	--------------------------------------

Non-Beamforming

Mode	Power Setting
802.11be EHT20_Nss4,(MCS0)_4TX	-
5955MHz	14
6195MHz	14
6415MHz	14
6535MHz	14.5
6695MHz	14
6855MHz	14
802.11be EHT40_Nss4,(MCS0)_4TX	-
5965MHz	14
6205MHz	14
6405MHz	14
6565MHz	14.5
6685MHz	14.5
6845MHz	14.5
802.11be EHT80_Nss4,(MCS0)_4TX	-
5985MHz	14
6225MHz	14
6385MHz	14
6625MHz	14.5
6705MHz	14.5
6785MHz	14.5
802.11be EHT160_Nss4,(MCS0)_4TX	-
6025MHz	14
6185MHz	13.5
6345MHz	14
6665MHz	14
802.11be EHT320_Nss4,(MCS0)_4TX	-
6105MHz	14
6265MHz	13.5

**Beamforming**

Mode	Power Setting
802.11be EHT20-BF_Nss4,(MCS0)_4TX	-
5955MHz	14
6195MHz	14
6415MHz	14
6535MHz	14.5
6695MHz	14
6855MHz	14
802.11be EHT40-BF_Nss4,(MCS0)_4TX	-
5965MHz	14
6205MHz	14
6405MHz	14
6565MHz	14.5
6685MHz	14.5
6845MHz	14.5
802.11be EHT80-BF_Nss4,(MCS0)_4TX	-
5985MHz	14
6225MHz	14
6385MHz	14
6625MHz	14.5
6705MHz	14.5
6785MHz	14.5
802.11be EHT160-BF_Nss4,(MCS0)_4TX	-
6025MHz	14
6185MHz	13.5
6345MHz	14
6665MHz	14
802.11be EHT320-BF_Nss4,(MCS0)_4TX	-
6105MHz	14
6265MHz	13.5

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 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.) Unwanted Emissions Frequency Stability
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	PoE mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT		V	



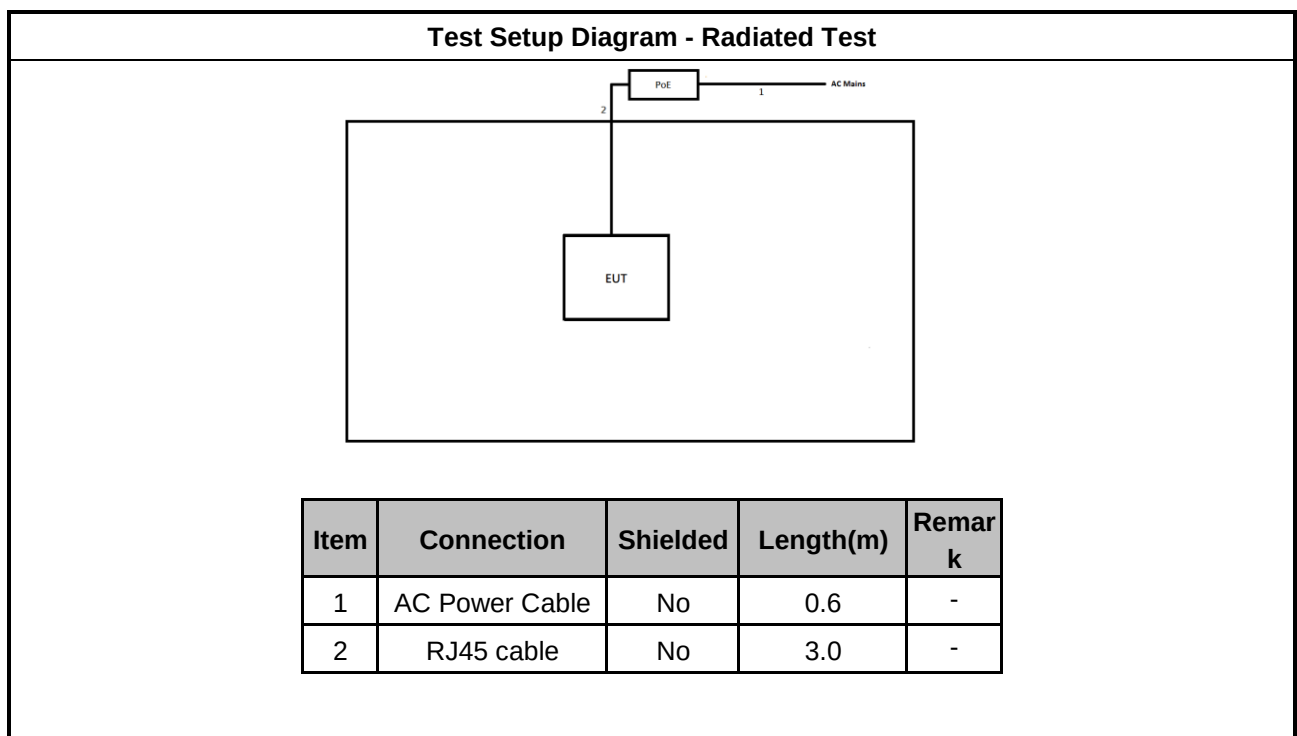
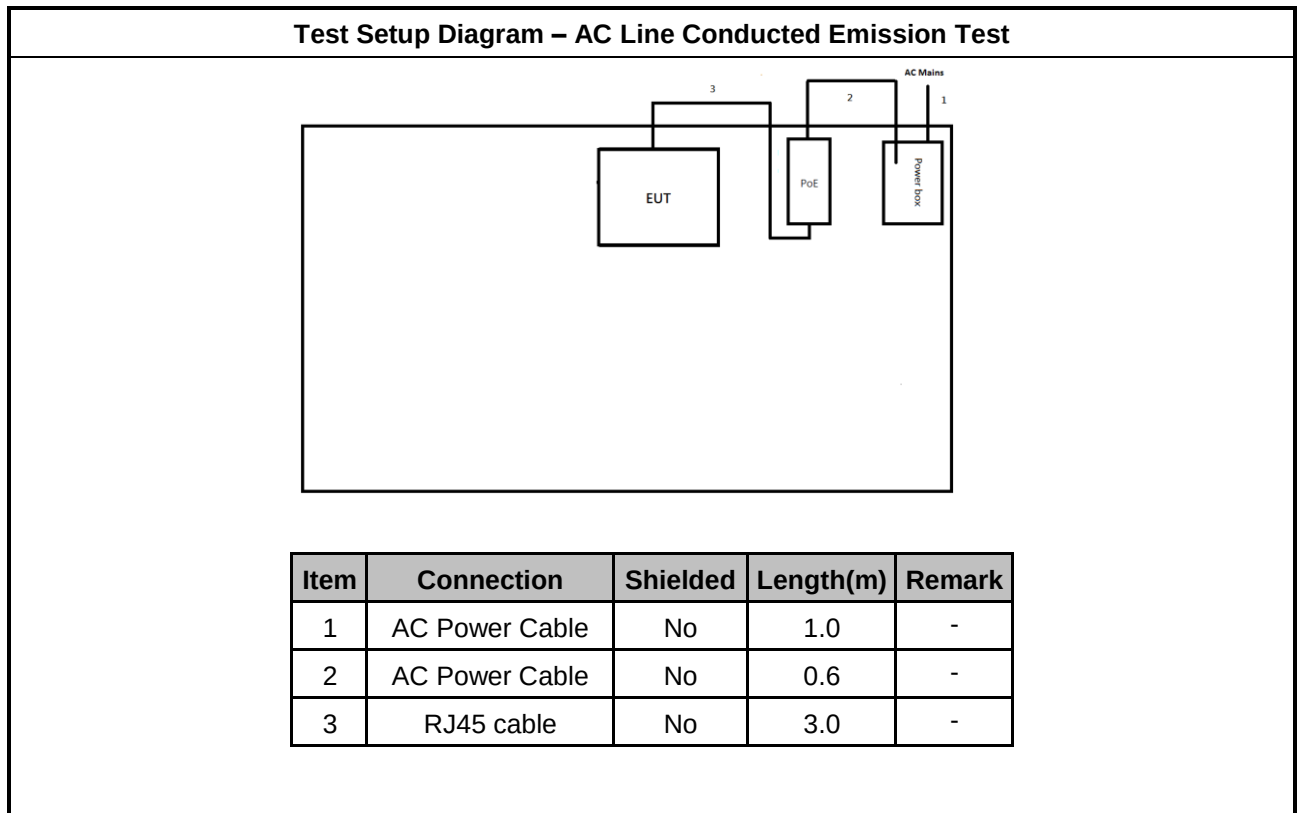
2.3 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC power Cable	Power sync	TPCMRN0018	-	-
2	PoE	ZYXEL	ADH-65AR B	-	Provided by Customer
3	AC Power cable	N/A	N/A	-	Provided by Customer
4	RJ45 cable	Power sync	CAT-6E-03	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	PoE	ZYXEL	ADH-65AR B	-	Provided by Customer

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	PoE	ZYXEL	ADH-65AR B	-	Provided by Customer
2	AC Power cable	N/A	N/A	-	Provided by Customer
3	RJ45 cable	Power sync	CAT-6E-03	-	-

2.4 Test Setup Diagram





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

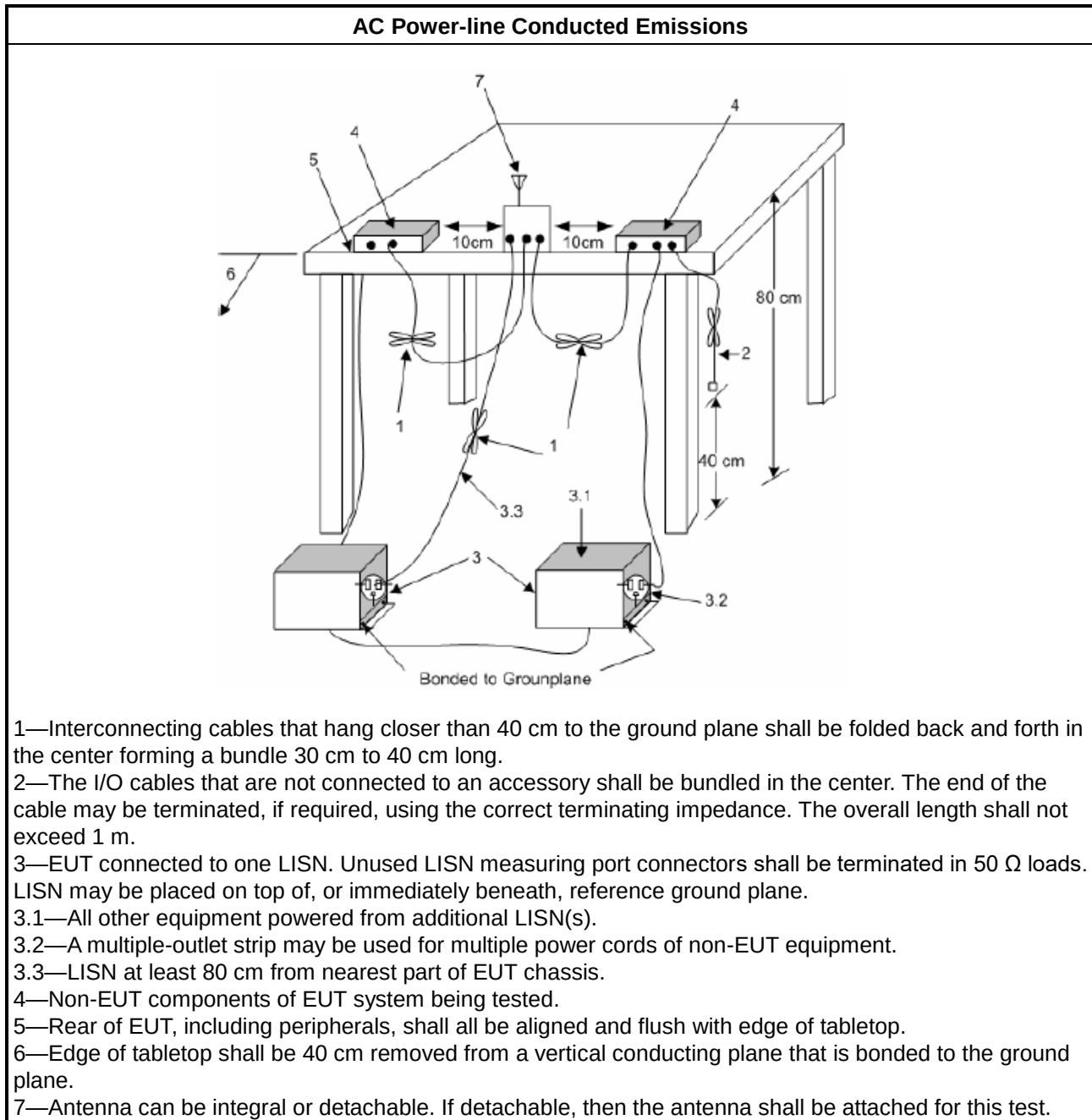
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

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

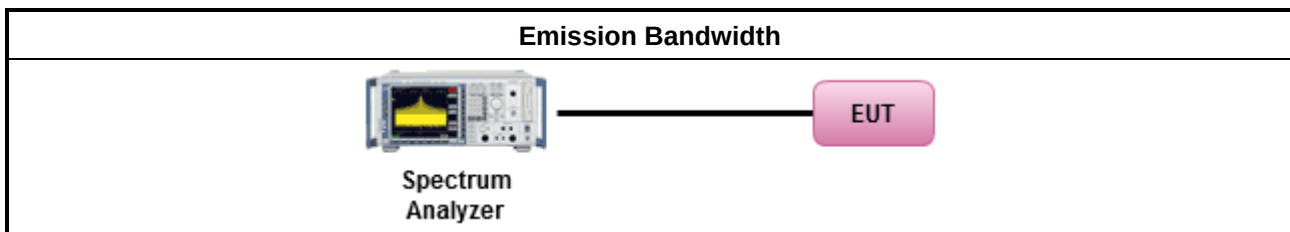
3.2.2 Measuring Instruments

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.



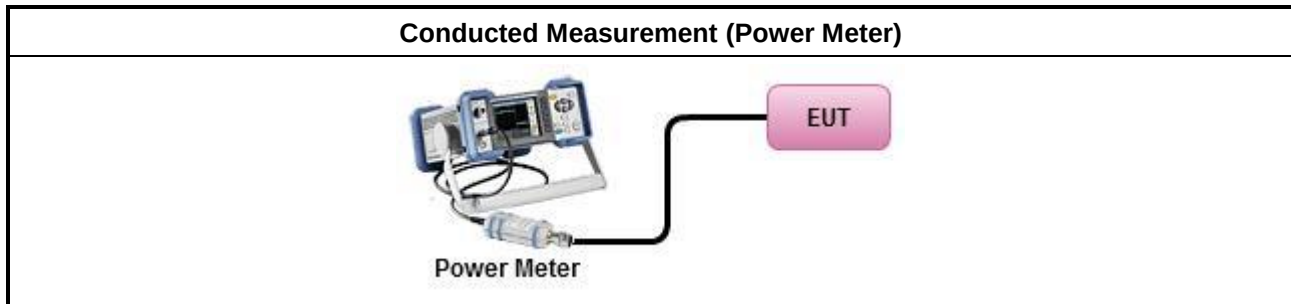
3.3.2 Measuring Instruments

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:
☐	

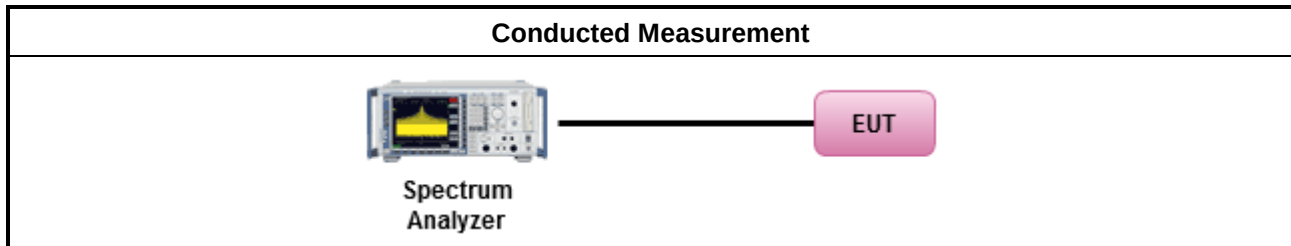
3.4.2 Measuring Instruments

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

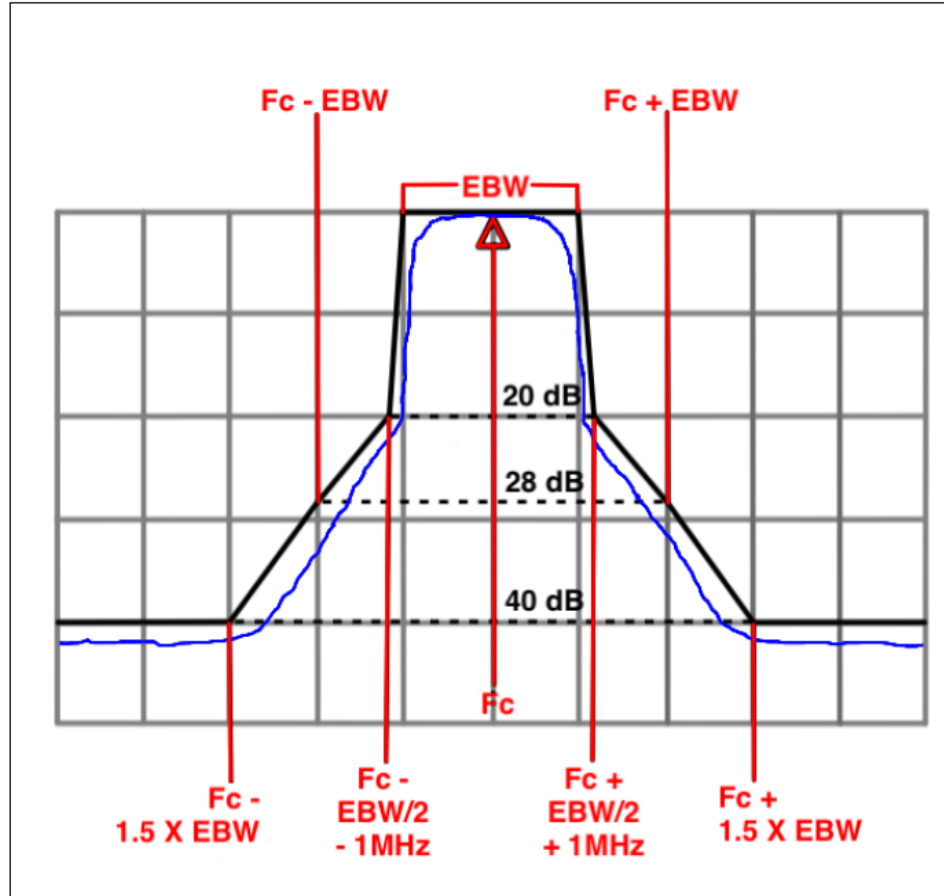
Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance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

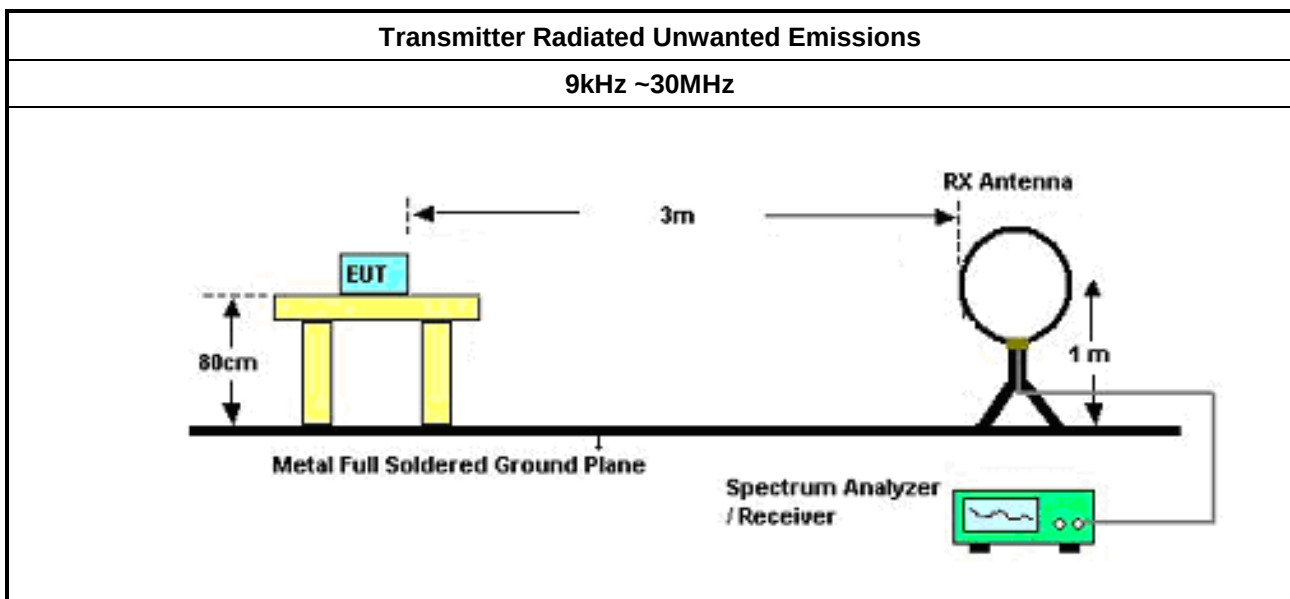
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber 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.

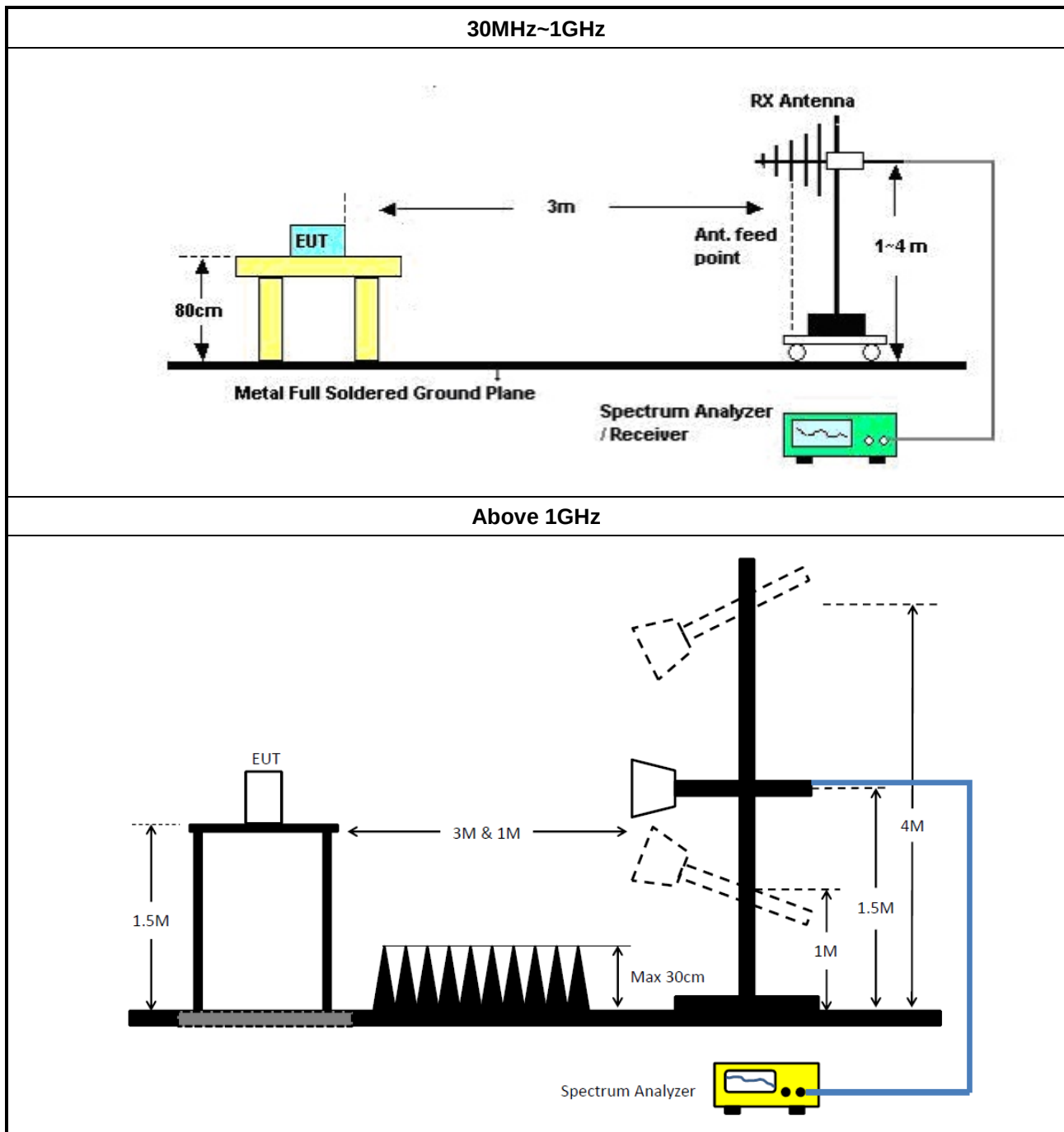
3.5.4 Measurement Results Calculation

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	24/Aug/2025	23/Aug/2026
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	26/Feb/2025	25/Feb/2026
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	17/Oct/2024	16/Oct/2025
Software	Sporton	SENSE-EMI	V5.11.6	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV3044	101438	10Hz~44GHz	01/Nov/2024	31/Oct/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	949003	300MHz~40GHz	13/Feb/2025	12/Feb/2026
Pulse Sensor	Anritsu	MA2411B	917017	300MHz~40GHz	13/Feb/2025	12/Feb/2026
SENSE-15407_NII	Sporton	V5.11.27	N/A	N/A	N/A	N/A

Instrument for Radiated Test_Co-location (03CH09-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
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
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	20/Dec/2024	19/Dec/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	07/Oct/2025	06/Oct/2026
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	09/Oct/2025	08/Oct/2026
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	17/Jul/2025	16/Jul/2026
Amplifier	EM	EM18G40GA	060874	18GHz~40GHz	18/Apr/2025	17/Apr/2026
SENSE-EMI	Sporton	V5.11.10	NA	NA	NA	NA

**Instrument for Radiated Test (03CH03-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	13/Jul/2025	12/Jul/2026
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	13/Jul/2025	12/Jul/2026
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	14/May/2025	13/May/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101748	10Hz~44GHz	10/Apr/2025	09/Apr/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	14/Oct/2024	13/Oct/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	18/Oct/2024	17/Oct/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	02/Jul/2025	01/Jul/2026
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	10/Jun/2025	09/Jun/2026
RF Cable-R03m	Jye Bao	RG142	03CH03-cable-02	30MHz~1GHz	10/Jun/2025	09/Jun/2026
RF CABLE 5+8m	HUBER+SUHNER	SUOFLEX_104	03CH03-cable-03	1GHz~40GHz	19/May/2025	18/May/2026
Amplifier	Aglient	8447D	2944A08033	100kHz~1.3GHz	13/Sep/2024	12/Sep/2025
Microwave Premplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	23/Jul/2025	22/Jul/2026
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	26/Apr/2025	25/Apr/2026
SENSE-15407_NII	Sporton	V5.11.23	NA	NA	NA	NA



Conducted Emissions at Powerline

Appendix A

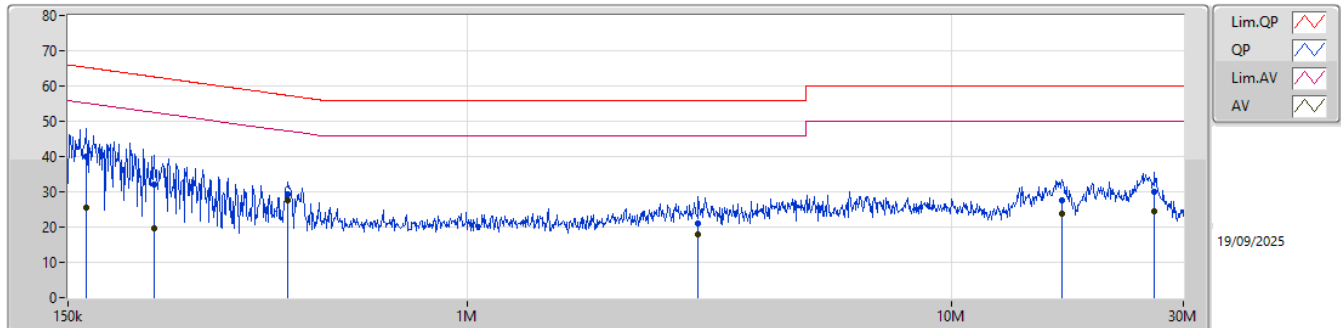
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	426.898k	27.45	47.32	-19.87	Line

Result

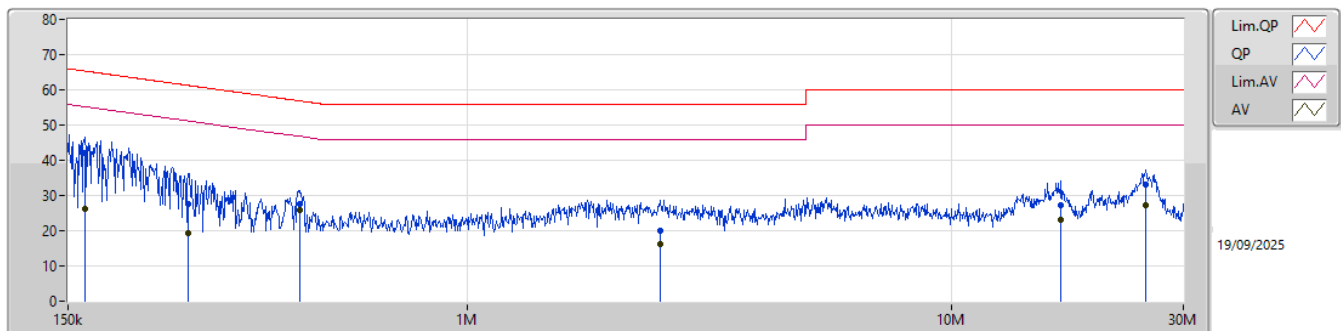
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	163.769k	39.95	65.27	-25.32	Line
Mode 1	Pass	AV	163.769k	25.64	55.27	-29.63	Line
Mode 1	Pass	QP	225.388k	32.09	62.62	-30.53	Line
Mode 1	Pass	AV	225.388k	19.60	52.62	-33.02	Line
Mode 1	Pass	QP	426.898k	29.14	57.32	-28.18	Line
Mode 1	Pass	AV	426.898k	27.45	47.32	-19.87	Line
Mode 1	Pass	QP	2.995M	21.10	56.00	-34.90	Line
Mode 1	Pass	AV	2.995M	17.90	46.00	-28.10	Line
Mode 1	Pass	QP	16.868M	27.69	60.00	-32.31	Line
Mode 1	Pass	AV	16.868M	23.65	50.00	-26.35	Line
Mode 1	Pass	QP	26.169M	30.06	60.00	-29.94	Line
Mode 1	Pass	AV	26.169M	24.63	50.00	-25.37	Line
Mode 1	Pass	QP	162.467k	42.08	65.33	-23.25	Neutral
Mode 1	Pass	AV	162.467k	26.17	55.33	-29.16	Neutral
Mode 1	Pass	QP	265.468k	27.55	61.26	-33.71	Neutral
Mode 1	Pass	AV	265.468k	19.34	51.26	-31.92	Neutral
Mode 1	Pass	QP	451.436k	27.54	56.84	-29.30	Neutral
Mode 1	Pass	AV	451.436k	26.00	46.84	-20.84	Neutral
Mode 1	Pass	QP	2.502M	19.96	56.00	-36.04	Neutral
Mode 1	Pass	AV	2.502M	16.26	46.00	-29.74	Neutral
Mode 1	Pass	QP	16.801M	27.37	60.00	-32.63	Neutral
Mode 1	Pass	AV	16.801M	23.26	50.00	-26.74	Neutral
Mode 1	Pass	QP	25.145M	33.21	60.00	-26.79	Neutral
Mode 1	Pass	AV	25.145M	27.20	50.00	-22.80	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	163.769k	39.95	65.27	-25.32	19.61	Line	-	20.34	9.63	0.01	9.97						
AV	163.769k	25.64	55.27	-29.63	19.61	Line	-	6.03	9.63	0.01	9.97						
QP	225.388k	32.09	62.62	-30.53	19.61	Line	-	12.48	9.63	0.01	9.97						
AV	225.388k	19.60	52.62	-33.02	19.61	Line	-	-0.01	9.63	0.01	9.97						
QP	426.898k	29.14	57.32	-28.18	19.64	Line	-	9.50	9.63	0.03	9.98						
AV	426.898k	27.45	47.32	-19.87	19.64	Line	-	7.81	9.63	0.03	9.98						
QP	2.995M	21.10	56.00	-34.90	19.67	Line	-	1.43	9.65	0.04	9.98						
AV	2.995M	17.90	46.00	-28.10	19.67	Line	-	-1.77	9.65	0.04	9.98						
QP	16.868M	27.69	60.00	-32.31	19.89	Line	-	7.80	9.63	0.28	9.98						
AV	16.868M	23.65	50.00	-26.35	19.89	Line	-	3.76	9.63	0.28	9.98						
QP	26.169M	30.06	60.00	-29.94	19.81	Line	-	10.25	9.49	0.34	9.98						
AV	26.169M	24.63	50.00	-25.37	19.81	Line	-	4.82	9.49	0.34	9.98						

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	162.467k	42.08	65.33	-23.25	19.61	Neutral	-	22.47	9.63	0.01	9.97						
AV	162.467k	26.17	55.33	-29.16	19.61	Neutral	-	6.56	9.63	0.01	9.97						
QP	265.468k	27.55	61.26	-33.71	19.61	Neutral	-	7.94	9.62	0.02	9.97						
AV	265.468k	19.34	51.26	-31.92	19.61	Neutral	-	-0.27	9.62	0.02	9.97						
QP	451.436k	27.54	56.84	-29.30	19.64	Neutral	-	7.90	9.63	0.03	9.98						
AV	451.436k	26.00	46.84	-20.84	19.64	Neutral	-	6.36	9.63	0.03	9.98						
QP	2.502M	19.96	56.00	-36.04	19.65	Neutral	-	0.31	9.64	0.04	9.97						
AV	2.502M	16.26	46.00	-29.74	19.65	Neutral	-	-3.39	9.64	0.04	9.97						
QP	16.801M	27.37	60.00	-32.63	19.95	Neutral	-	7.42	9.69	0.28	9.98						
AV	16.801M	23.26	50.00	-26.74	19.95	Neutral	-	3.31	9.69	0.28	9.98						
QP	25.145M	33.21	60.00	-26.79	19.98	Neutral	-	13.23	9.66	0.33	9.99						
AV	25.145M	27.20	50.00	-22.80	19.98	Neutral	-	7.22	9.66	0.33	9.99						

**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_Nss4,(MCS0)_4TX	23.32M	19.255M	19M3D1D	21.78M	19.013M
802.11be EHT40_Nss4,(MCS0)_4TX	44.77M	38.402M	38M4D1D	43.01M	38.152M
802.11be EHT80_Nss4,(MCS0)_4TX	89.1M	77.857M	77M9D1D	85.36M	77.44M
802.11be EHT160_Nss4,(MCS0)_4TX	173.8M	157.664M	158MD1D	168.08M	156.655M
802.11be EHT320_Nss4,(MCS0)_4TX	337.04M	316.708M	317MD1D	330M	314.572M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	23.485M	19.129M	19M1D1D	21.56M	18.995M
802.11be EHT40_Nss4,(MCS0)_4TX	45.43M	38.414M	38M4D1D	43.12M	38.149M
802.11be EHT80_Nss4,(MCS0)_4TX	89.32M	77.791M	77M8D1D	85.58M	77.52M
802.11be EHT160_Nss4,(MCS0)_4TX	176.88M	157.402M	157MD1D	170.28M	157.022M

Max-N dB = Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	320M	21.945M	19.107M	22.44M	19.179M	22.605M	19.064M	22.605M	19.033M
6195MHz	Pass	320M	22.715M	19.255M	22.605M	19.013M	22.33M	19.112M	23.32M	19.103M
6415MHz	Pass	320M	21.78M	19.077M	21.78M	19.114M	21.835M	19.036M	21.78M	19.042M
6535MHz	Pass	320M	22.495M	19.079M	22.165M	19.043M	22.495M	19.089M	21.89M	19.037M
6695MHz	Pass	320M	22.055M	19.099M	22M	19.083M	23.485M	19.129M	22.275M	19.119M
6855MHz	Pass	320M	21.56M	19.103M	21.89M	19.118M	22.715M	19.064M	21.89M	18.995M
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	320M	44.33M	38.244M	43.01M	38.402M	43.67M	38.381M	43.67M	38.186M
6205MHz	Pass	320M	44M	38.21M	44.33M	38.161M	44.33M	38.249M	43.56M	38.162M
6405MHz	Pass	320M	44.22M	38.183M	43.23M	38.278M	43.45M	38.298M	44.77M	38.152M
6565MHz	Pass	320M	43.12M	38.188M	43.89M	38.26M	45.43M	38.414M	44.11M	38.156M
6685MHz	Pass	320M	44M	38.243M	44.88M	38.229M	44.44M	38.253M	43.34M	38.32M
6845MHz	Pass	320M	44M	38.333M	44.88M	38.351M	44.33M	38.169M	43.56M	38.149M
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	320M	85.8M	77.543M	87.12M	77.584M	85.8M	77.799M	85.8M	77.44M
6225MHz	Pass	320M	88.22M	77.742M	87.34M	77.585M	88.44M	77.857M	86.02M	77.717M
6385MHz	Pass	320M	88.88M	77.756M	87.12M	77.677M	89.1M	77.516M	85.36M	77.823M
6625MHz	Pass	320M	85.58M	77.585M	88M	77.657M	86.46M	77.693M	87.34M	77.649M
6705MHz	Pass	320M	86.68M	77.644M	86.02M	77.607M	89.32M	77.715M	88.66M	77.544M
6785MHz	Pass	320M	86.9M	77.791M	86.46M	77.675M	86.9M	77.635M	86.68M	77.52M
802.11be EHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	320M	173.8M	156.655M	168.08M	156.823M	172.48M	156.71M	172.04M	157.003M
6185MHz	Pass	320M	168.52M	157.617M	170.72M	157.222M	168.08M	157.497M	169.84M	157.244M
6345MHz	Pass	320M	173.36M	157.664M	170.72M	157.467M	169.84M	157.138M	172.48M	157.375M
6665MHz	Pass	320M	172.04M	157.022M	170.28M	157.402M	172.04M	157.342M	176.88M	157.194M
802.11be EHT320_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	320M	336.16M	314.912M	335.28M	314.572M	333.52M	314.76M	330.88M	314.738M
6265MHz	Pass	320M	336.16M	315.734M	330M	316.708M	337.04M	315.321M	337.04M	315.764M

5.925-6.425GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

6195MHz

02/10/2025

CF (Hz)
6.195G

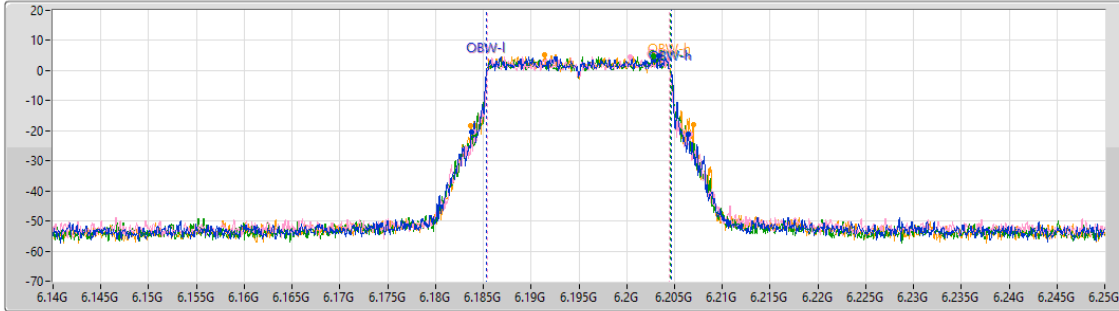
Span (Hz)
110M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
2.01m

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.715M	6.183725G	6.20644G	19.255M	6.185375G	6.20463G	320M	1
22.605M	6.184055G	6.20666G	19.013M	6.185472G	6.204485G	320M	2
22.33M	6.184165G	6.206495G	19.112M	6.185443G	6.204555G	320M	3
23.32M	6.18367G	6.20699G	19.103M	6.185417G	6.20452G	320M	4

5.925-6.425GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

6405MHz

02/10/2025

CF (Hz)
6.405G

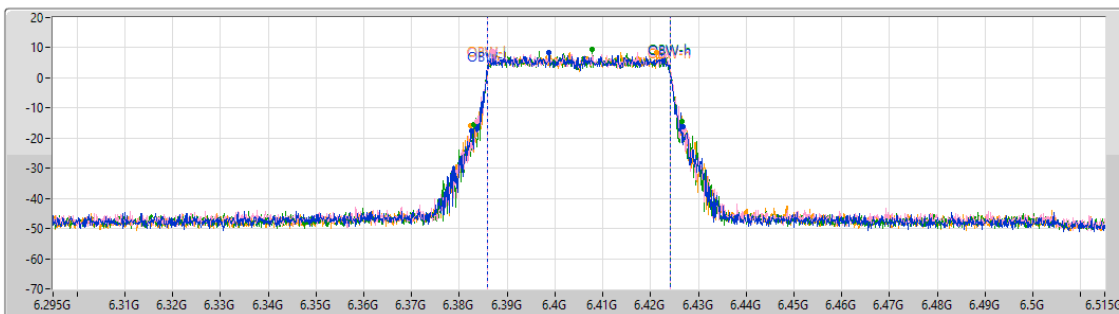
Span (Hz)
220M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
2.01m

Detector Type
Peak



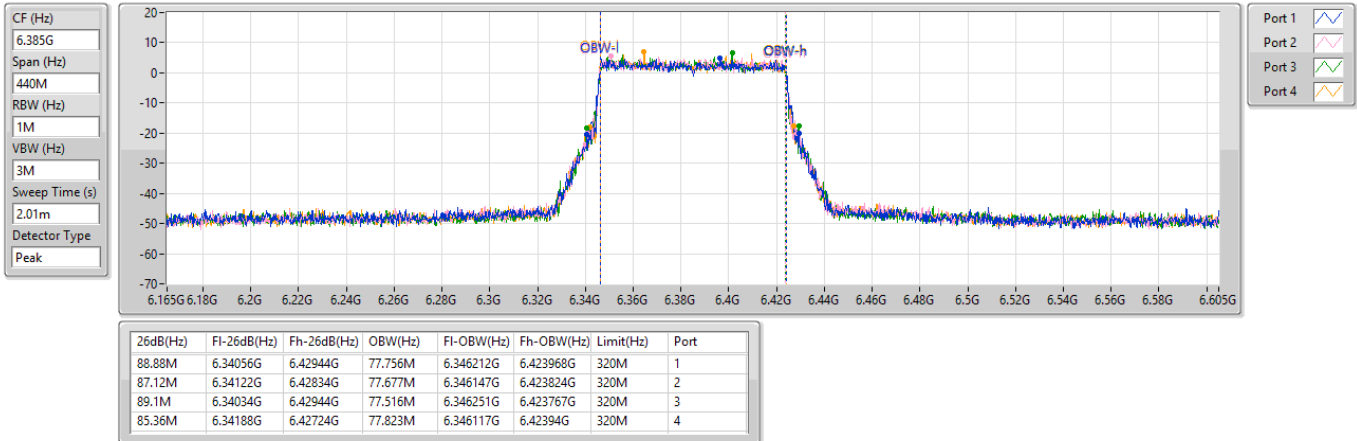
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.22M	6.38245G	6.42667G	38.183M	6.385875G	6.424058G	320M	1
43.23M	6.38377G	6.427G	38.278M	6.38589G	6.424167G	320M	2
43.45M	6.38311G	6.42656G	38.298M	6.385875G	6.424174G	320M	3
44.77M	6.38234G	6.42711G	38.152M	6.385927G	6.424079G	320M	4

5.925-6.425GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

6385MHz

02/10/2025

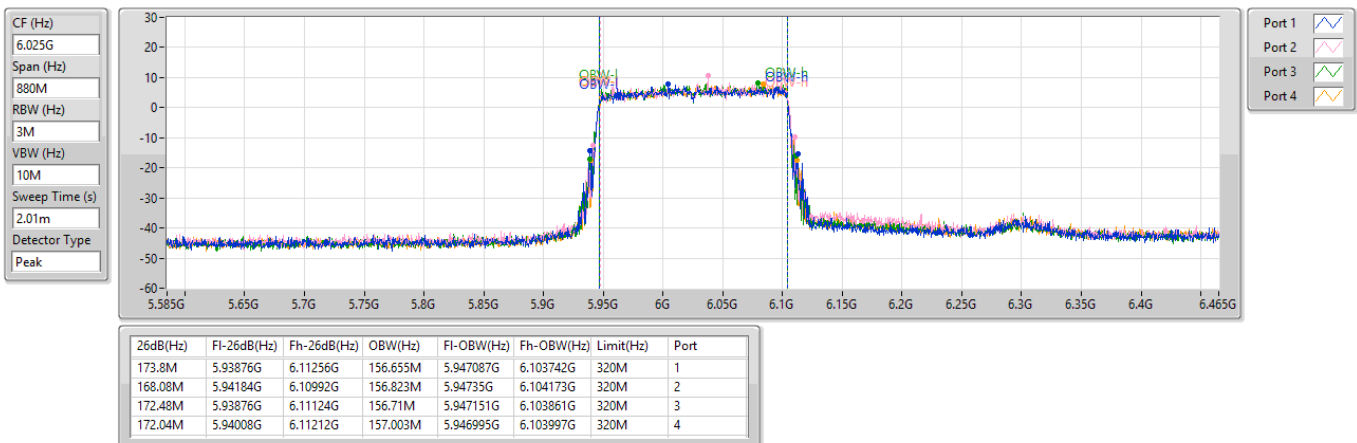


5.925-6.425GHz_802.11be EHT160_Nss4,(MCS0)_4TX

EBW

6025MHz

02/10/2025

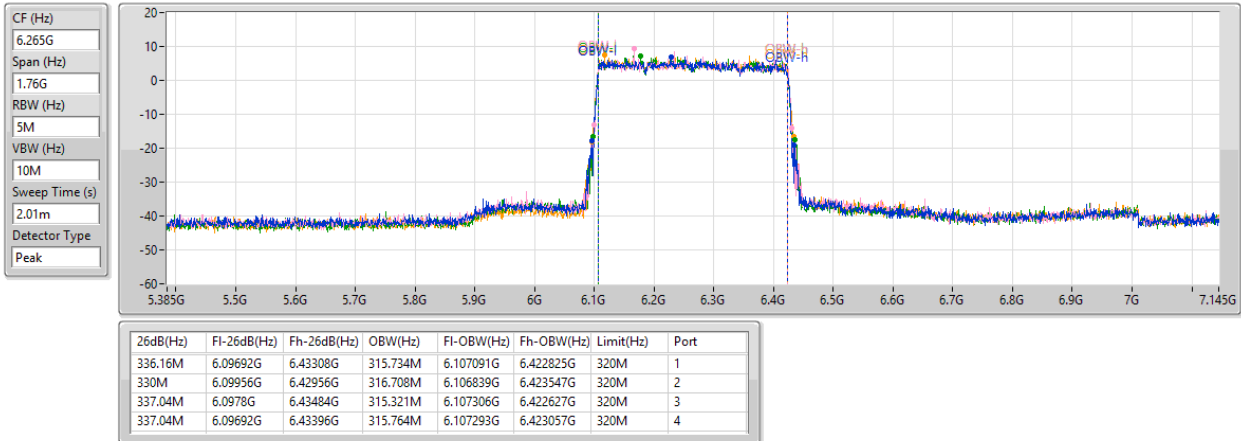


5.925-6.425GHz_802.11be EHT320_Nss4,(MCS0)_4TX

EBW

6265MHz

02/10/2025

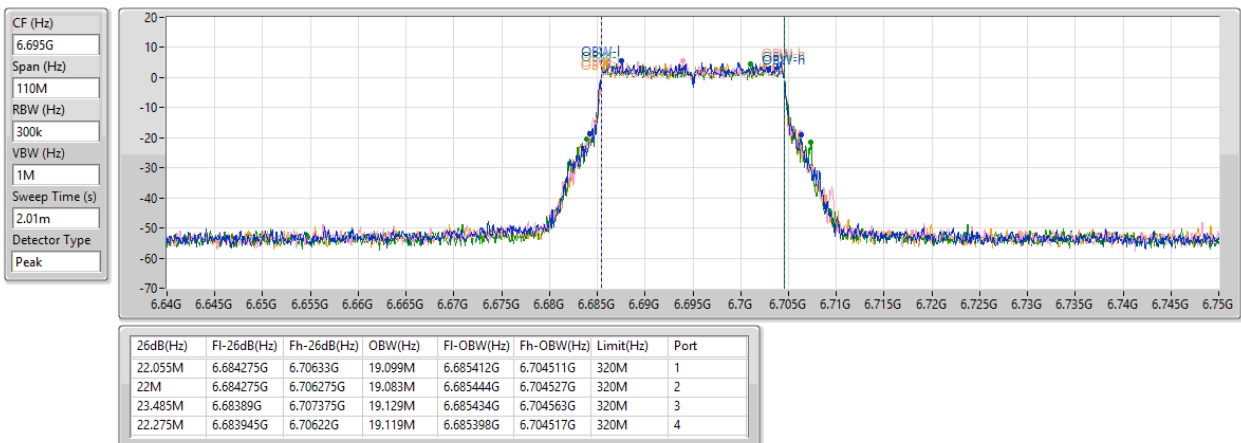


6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

6695MHz

02/10/2025

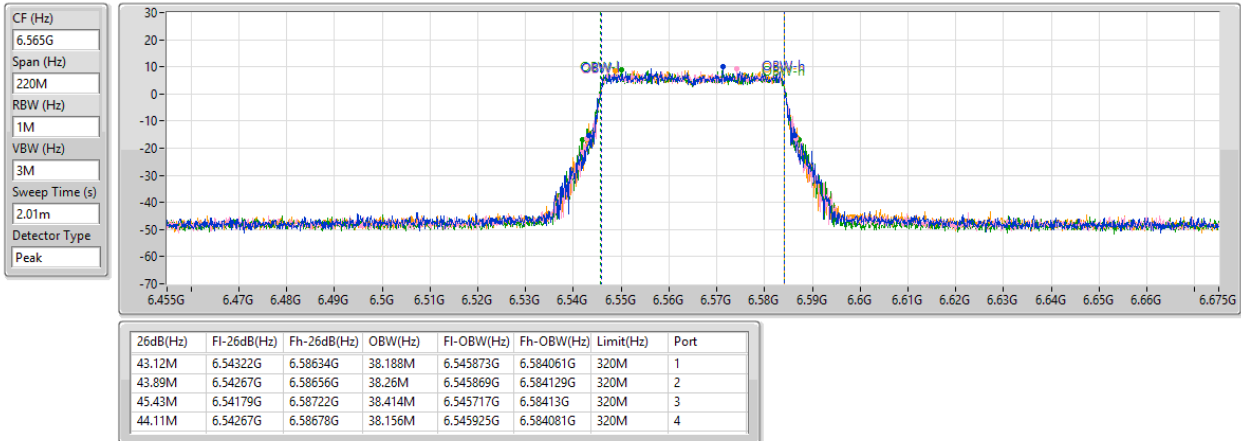


6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

6565MHz

02/10/2025

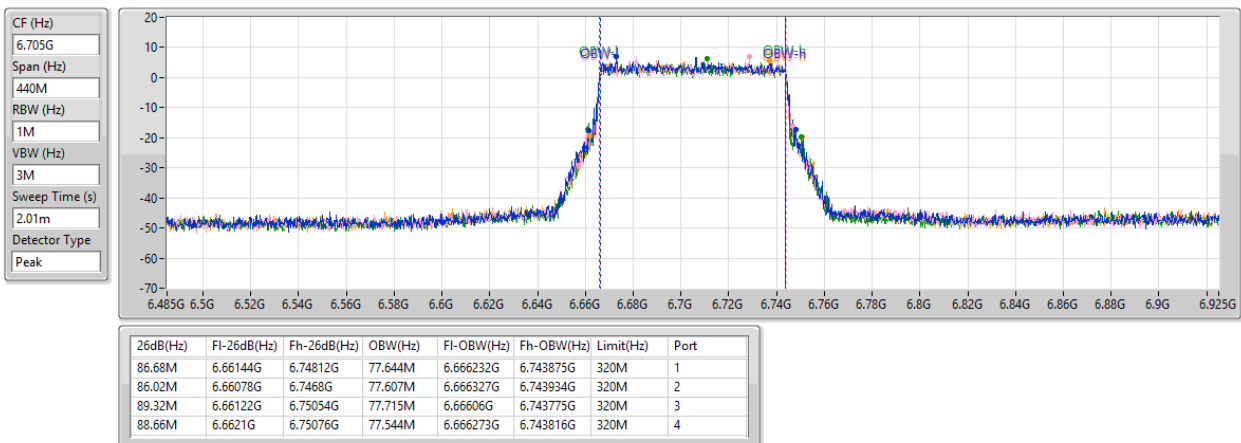


6.525-6.875GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

6705MHz

02/10/2025

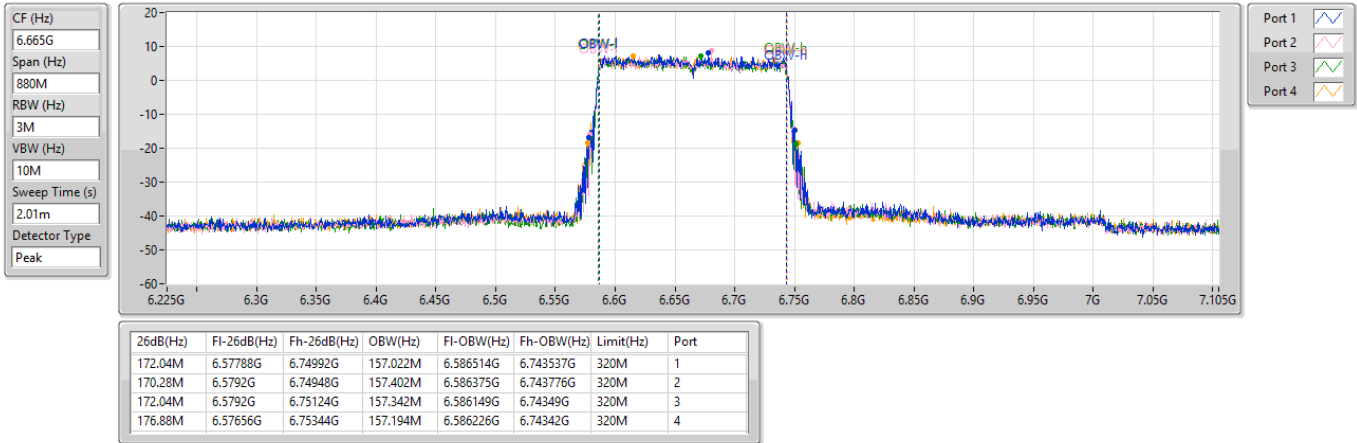


6.525-6.875GHz_802.11be EHT160_Nss4,(MCS0)_4TX

EBW

6665MHz

02/10/2025





Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	20.13	0.10304	35.23	3.33426
802.11be EHT40_Nss4,(MCS0)_4TX	20.13	0.10304	35.23	3.33426
802.11be EHT80_Nss4,(MCS0)_4TX	20.37	0.10889	35.47	3.52371
802.11be EHT160_Nss4,(MCS0)_4TX	20.38	0.10914	35.48	3.53183
802.11be EHT320_Nss4,(MCS0)_4TX	20.23	0.10544	35.33	3.41193
6.525-6.875GHz	-	-	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	20.38	0.10914	35.48	3.53183
802.11be EHT40_Nss4,(MCS0)_4TX	20.36	0.10864	35.46	3.51560
802.11be EHT80_Nss4,(MCS0)_4TX	20.39	0.10940	35.49	3.53997
802.11be EHT160_Nss4,(MCS0)_4TX	20.14	0.10328	35.24	3.34195

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	15.10	13.96	13.85	14.10	14.12	20.03	Inf	35.13	36.00
6195MHz	Pass	15.10	14.16	13.90	13.85	14.14	20.04	Inf	35.14	36.00
6415MHz	Pass	15.10	14.10	14.28	13.94	14.10	20.13	Inf	35.23	36.00
6535MHz	Pass	15.10	14.38	14.54	14.26	14.24	20.38	Inf	35.48	36.00
6695MHz	Pass	15.10	14.34	13.83	13.65	13.78	19.93	Inf	35.03	36.00
6855MHz	Pass	15.10	13.96	14.48	13.80	13.95	20.08	Inf	35.18	36.00
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	15.10	14.09	13.89	14.25	14.20	20.13	Inf	35.23	36.00
6205MHz	Pass	15.10	14.09	13.66	13.84	14.06	19.94	Inf	35.04	36.00
6405MHz	Pass	15.10	13.93	14.18	13.94	14.01	20.04	Inf	35.14	36.00
6565MHz	Pass	15.10	14.27	14.39	14.11	14.27	20.28	Inf	35.38	36.00
6685MHz	Pass	15.10	14.63	14.19	14.07	14.31	20.33	Inf	35.43	36.00
6845MHz	Pass	15.10	14.36	14.62	14.30	14.07	20.36	Inf	35.46	36.00
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	15.10	14.30	14.08	14.57	14.42	20.37	Inf	35.47	36.00
6225MHz	Pass	15.10	14.17	13.89	13.96	14.21	20.08	Inf	35.18	36.00
6385MHz	Pass	15.10	13.91	14.15	14.07	14.03	20.06	Inf	35.16	36.00
6625MHz	Pass	15.10	14.46	14.23	14.10	14.40	20.32	Inf	35.42	36.00
6705MHz	Pass	15.10	14.70	14.31	14.02	14.42	20.39	Inf	35.49	36.00
6785MHz	Pass	15.10	14.34	14.61	14.30	14.03	20.35	Inf	35.45	36.00
802.11be EHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	15.10	14.12	14.28	14.26	14.30	20.26	Inf	35.36	36.00
6185MHz	Pass	15.10	13.95	13.60	13.98	13.96	19.90	Inf	35.00	36.00
6345MHz	Pass	15.10	14.16	14.43	14.39	14.44	20.38	Inf	35.48	36.00
6665MHz	Pass	15.10	14.37	14.00	13.87	14.23	20.14	Inf	35.24	36.00
802.11be EHT320_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	15.10	14.25	13.87	14.15	14.53	20.23	Inf	35.33	36.00
6265MHz	Pass	15.10	13.98	13.97	14.10	14.23	20.09	Inf	35.19	36.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11be EHT20-BF_Nss4,(MCS0)_4TX	20.13	0.10304	34.73	2.97167
802.11be EHT40-BF_Nss4,(MCS0)_4TX	20.13	0.10304	34.73	2.97167
802.11be EHT80-BF_Nss4,(MCS0)_4TX	20.37	0.10889	34.97	3.14051
802.11be EHT160-BF_Nss4,(MCS0)_4TX	20.38	0.10914	34.98	3.14775
802.11be EHT320-BF_Nss4,(MCS0)_4TX	20.23	0.10544	34.83	3.04089
6.525-6.875GHz	-	-	-	-
802.11be EHT20-BF_Nss4,(MCS0)_4TX	20.38	0.10914	34.98	3.14775
802.11be EHT40-BF_Nss4,(MCS0)_4TX	20.36	0.10864	34.96	3.13329
802.11be EHT80-BF_Nss4,(MCS0)_4TX	20.39	0.10940	34.99	3.15500
802.11be EHT160-BF_Nss4,(MCS0)_4TX	20.14	0.10328	34.74	2.97852

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	14.60	13.96	13.85	14.1	14.12	20.03	Inf	34.63	36.00
6195MHz	Pass	14.60	14.16	13.9	13.85	14.14	20.04	Inf	34.64	36.00
6415MHz	Pass	14.60	14.1	14.28	13.94	14.1	20.13	Inf	34.73	36.00
6535MHz	Pass	14.60	14.38	14.54	14.26	14.24	20.38	Inf	34.98	36.00
6695MHz	Pass	14.60	14.34	13.83	13.65	13.78	19.93	Inf	34.53	36.00
6855MHz	Pass	14.60	13.96	14.48	13.8	13.95	20.08	Inf	34.68	36.00
802.11be EHT40-BF_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	14.60	14.09	13.89	14.25	14.2	20.13	Inf	34.73	36.00
6205MHz	Pass	14.60	14.09	13.66	13.84	14.06	19.94	Inf	34.54	36.00
6405MHz	Pass	14.60	13.93	14.18	13.94	14.01	20.04	Inf	34.64	36.00
6565MHz	Pass	14.60	14.27	14.39	14.11	14.27	20.28	Inf	34.88	36.00
6685MHz	Pass	14.60	14.63	14.19	14.07	14.31	20.33	Inf	34.93	36.00
6845MHz	Pass	14.60	14.36	14.62	14.3	14.07	20.36	Inf	34.96	36.00
802.11be EHT80-BF_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	14.60	14.3	14.08	14.57	14.42	20.37	Inf	34.97	36.00
6225MHz	Pass	14.60	14.17	13.89	13.96	14.21	20.08	Inf	34.68	36.00
6385MHz	Pass	14.60	13.91	14.15	14.07	14.03	20.06	Inf	34.66	36.00
6625MHz	Pass	14.60	14.46	14.23	14.1	14.4	20.32	Inf	34.92	36.00
6705MHz	Pass	14.60	14.7	14.31	14.02	14.42	20.39	Inf	34.99	36.00
6785MHz	Pass	14.60	14.34	14.61	14.3	14.03	20.35	Inf	34.95	36.00
802.11be EHT160-BF_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	14.60	14.12	14.28	14.26	14.3	20.26	Inf	34.86	36.00
6185MHz	Pass	14.60	13.95	13.6	13.98	13.96	19.90	Inf	34.50	36.00
6345MHz	Pass	14.60	14.16	14.43	14.39	14.44	20.38	Inf	34.98	36.00
6665MHz	Pass	14.60	14.37	14	13.87	14.23	20.14	Inf	34.74	36.00
802.11be EHT320-BF_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	14.60	14.25	13.87	14.15	14.53	20.23	Inf	34.83	36.00
6265MHz	Pass	14.60	13.98	13.97	14.1	14.23	20.09	Inf	34.69	36.00

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result
_Non-Beamforming**

Appendix C.3

Summary

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	14.08	0.02559
802.11be EHT40_Nss4,(MCS0)_4TX	13.48	0.02228
802.11be EHT80_Nss4,(MCS0)_4TX	13.41	0.02193
802.11be EHT160_Nss4,(MCS0)_4TX	13.30	0.02138
802.11be EHT320_Nss4,(MCS0)_4TX	12.96	0.01977
6.525-6.875GHz	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	13.76	0.02377
802.11be EHT40_Nss4,(MCS0)_4TX	14.46	0.02793
802.11be EHT80_Nss4,(MCS0)_4TX	15.04	0.03192
802.11be EHT160_Nss4,(MCS0)_4TX	14.39	0.02748



MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result
Non-Beamforming

Appendix C.3

Result

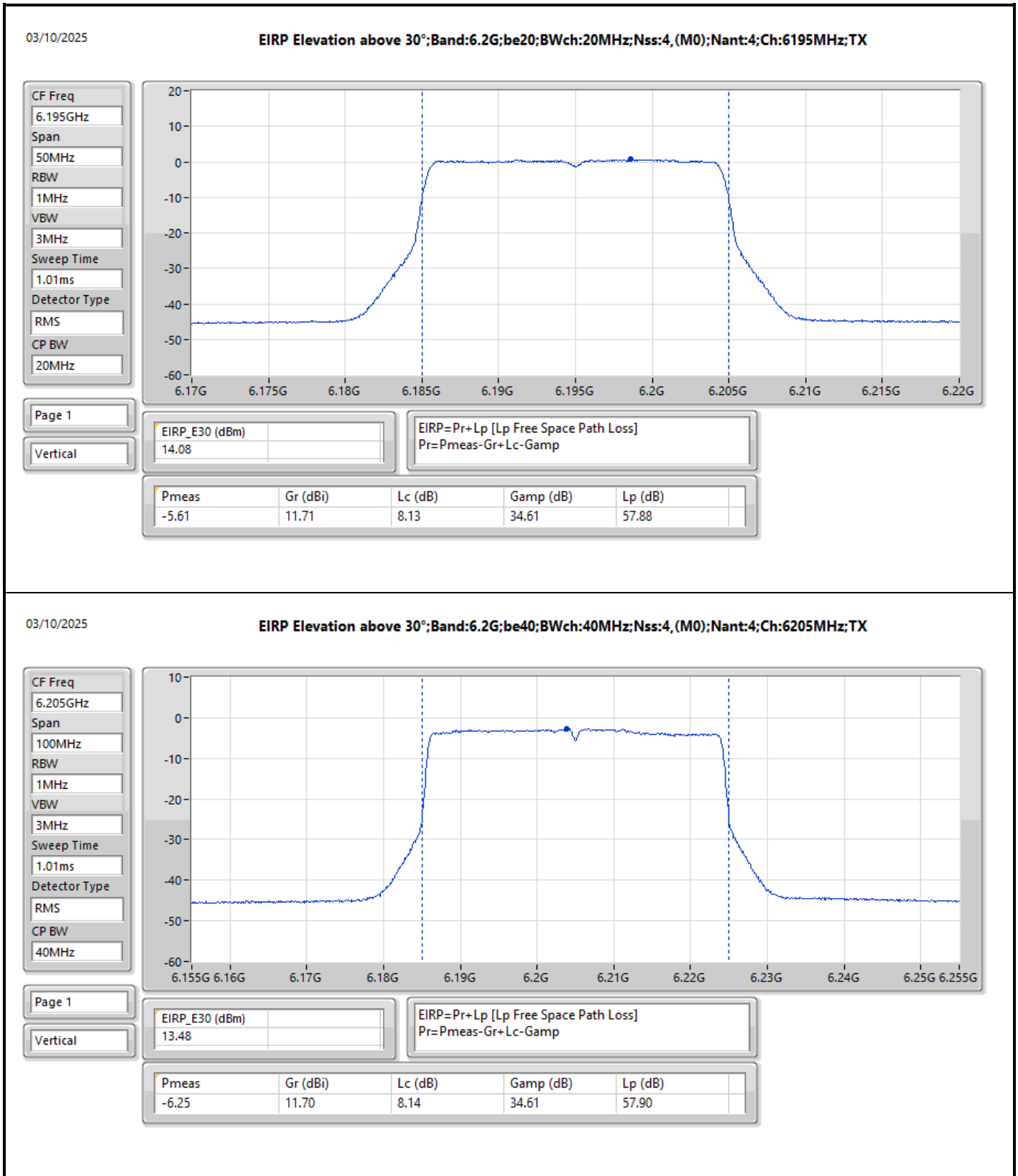
Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-
5955MHz	Pass	12.10	21.00
6195MHz	Pass	14.08	21.00
6415MHz	Pass	13.24	21.00
6535MHz	Pass	13.55	21.00
6695MHz	Pass	13.76	21.00
6855MHz	Pass	13.54	21.00
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-
5965MHz	Pass	12.00	21.00
6205MHz	Pass	13.48	21.00
6405MHz	Pass	12.67	21.00
6565MHz	Pass	13.85	21.00
6685MHz	Pass	14.46	21.00
6845MHz	Pass	13.97	21.00
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-
5985MHz	Pass	12.01	21.00
6225MHz	Pass	13.41	21.00
6385MHz	Pass	12.68	21.00
6625MHz	Pass	15.04	21.00
6705MHz	Pass	14.21	21.00
6785MHz	Pass	13.84	21.00
802.11be EHT160_Nss4,(MCS0)_4TX	-	-	-
6025MHz	Pass	11.94	21.00
6185MHz	Pass	13.11	21.00
6345MHz	Pass	13.30	21.00
6665MHz	Pass	14.39	21.00
802.11be EHT320_Nss4,(MCS0)_4TX	-	-	-
6105MHz	Pass	12.79	21.00
6265MHz	Pass	12.96	21.00

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



MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result Non-Beamforming

Appendix C.3





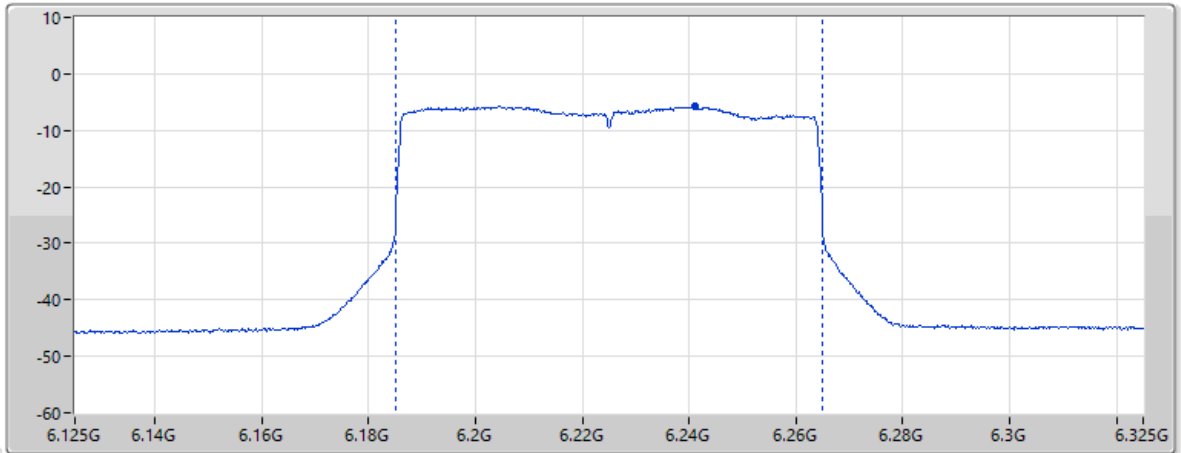
MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result Non-Beamforming

Appendix C.3

03/10/2025

EIRP Elevation above 30°;Band:6.2G;be80;BWch:80MHz;Nss:4,(M0);Nant:4;Ch:6225MHz;TX

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



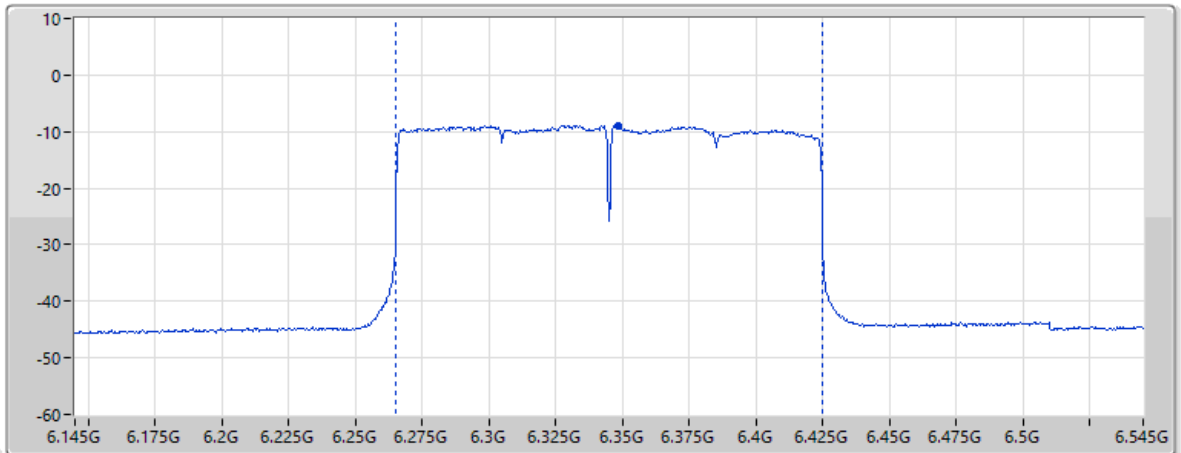
Page 1
Vertical

EIRP_E30 (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
13.41				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-6.33	11.70	8.13	34.62	57.93

03/10/2025

EIRP Elevation above 30°;Band:6.2G;be160;BWch:160MHz;Nss:4,(M0);Nant:4;Ch:6345MHz;TX

CF Freq
6.345GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
160MHz



Page 1
Vertical

EIRP_E30 (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
13.3				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-6.53	11.71	8.10	34.65	58.09

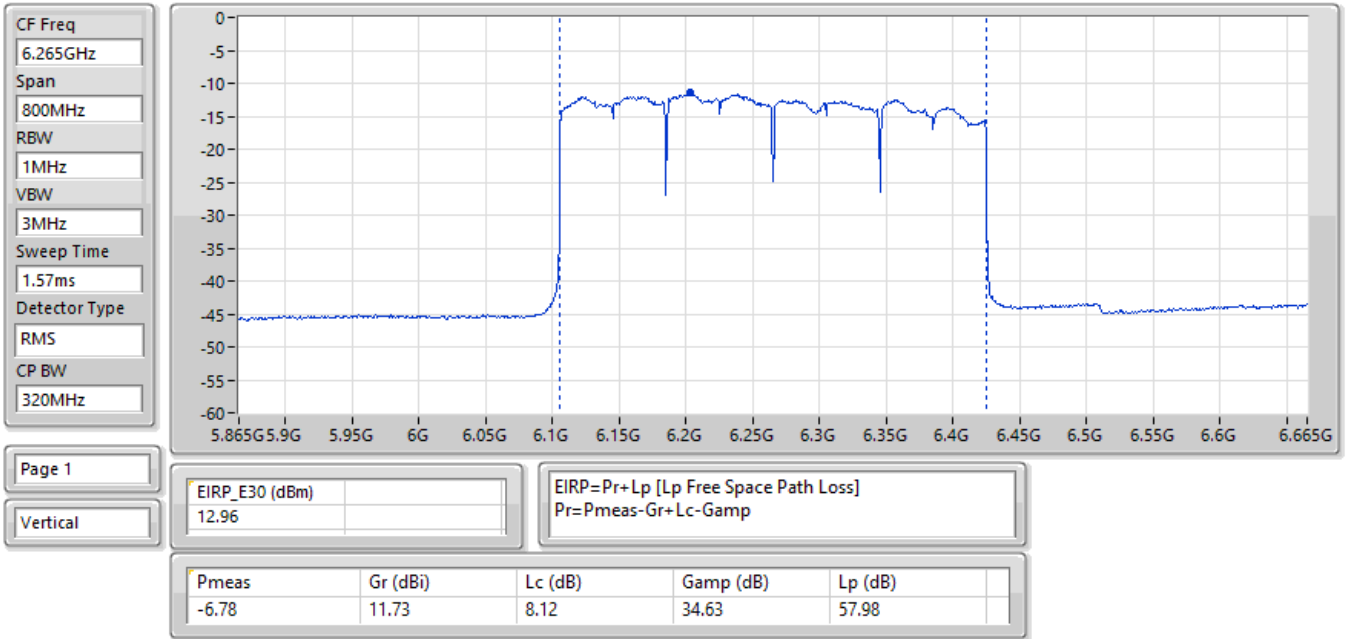


MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result Non-Beamforming

Appendix C.3

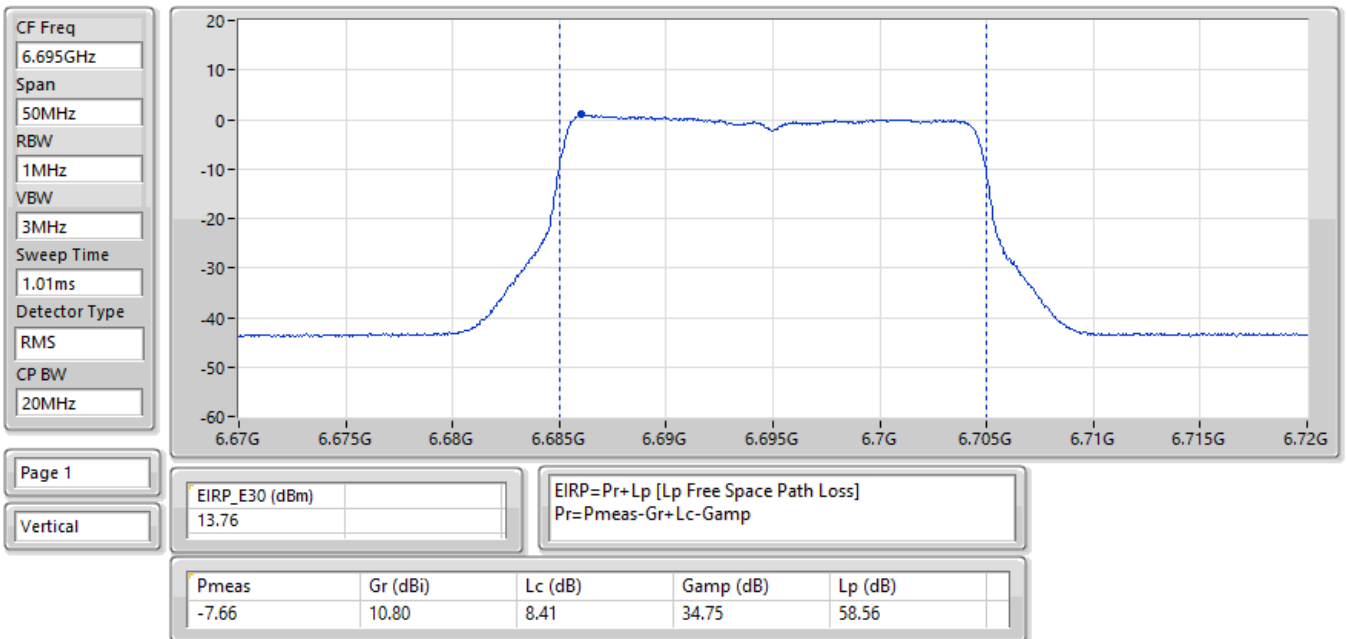
03/10/2025

EIRP Elevation above 30°;Band:6.2G;be320;BWch:320MHz;Nss:4,(M0);Nant:4;Ch:6265MHz;TX



03/10/2025

EIRP Elevation above 30°;Band:6.7G;be20;BWch:20MHz;Nss:4,(M0);Nant:4;Ch:6695MHz;TX



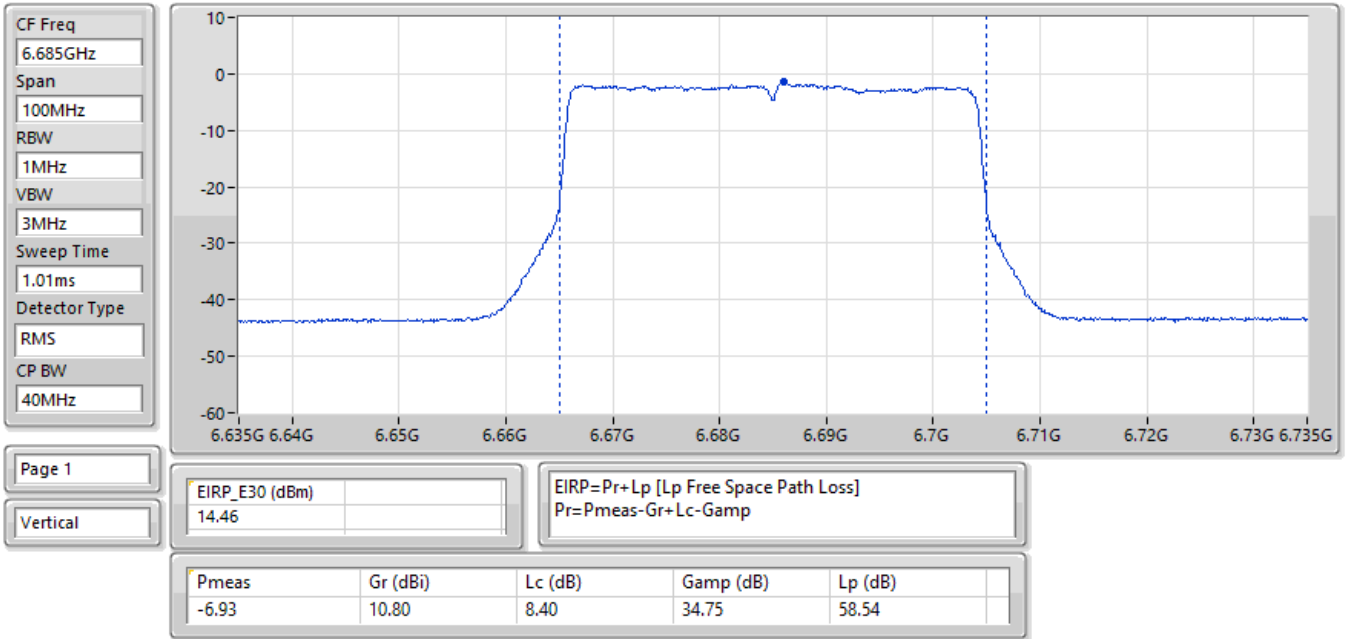


MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result Non-Beamforming

Appendix C.3

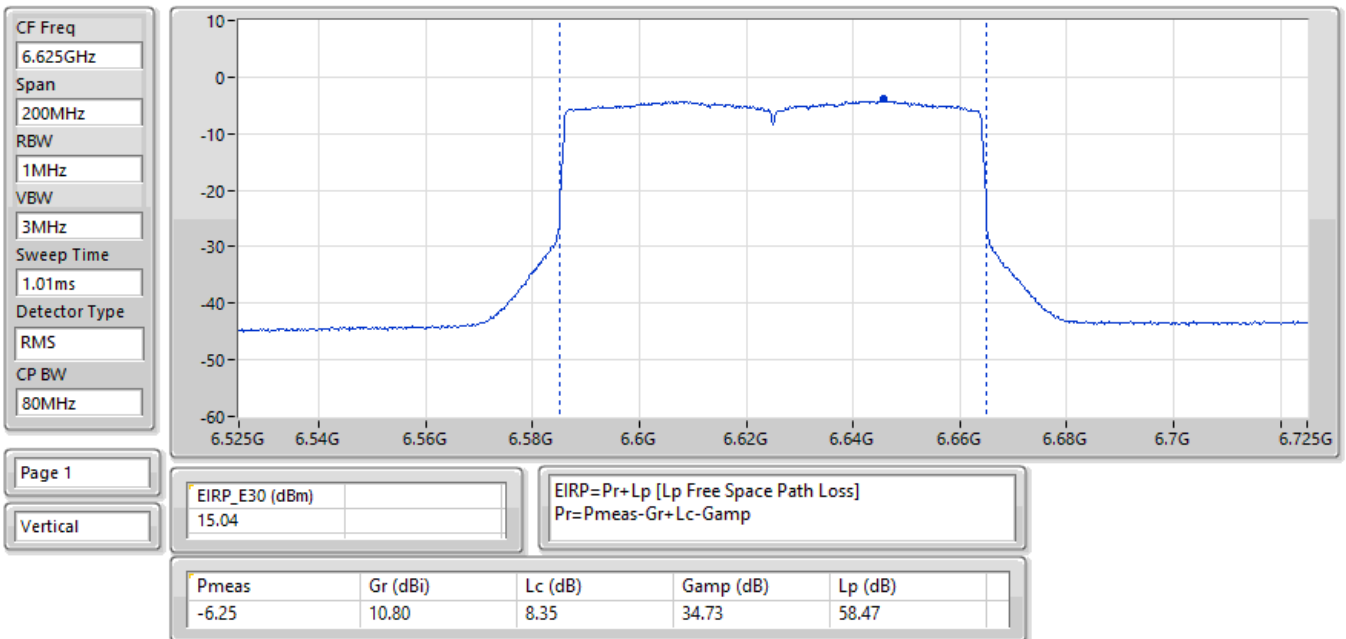
03/10/2025

EIRP Elevation above 30°;Band:6.7G;be40;BWch:40MHz;Nss:4,(M0);Nant:4;Ch:6685MHz;TX



03/10/2025

EIRP Elevation above 30°;Band:6.7G;be80;BWch:80MHz;Nss:4,(M0);Nant:4;Ch:6625MHz;TX



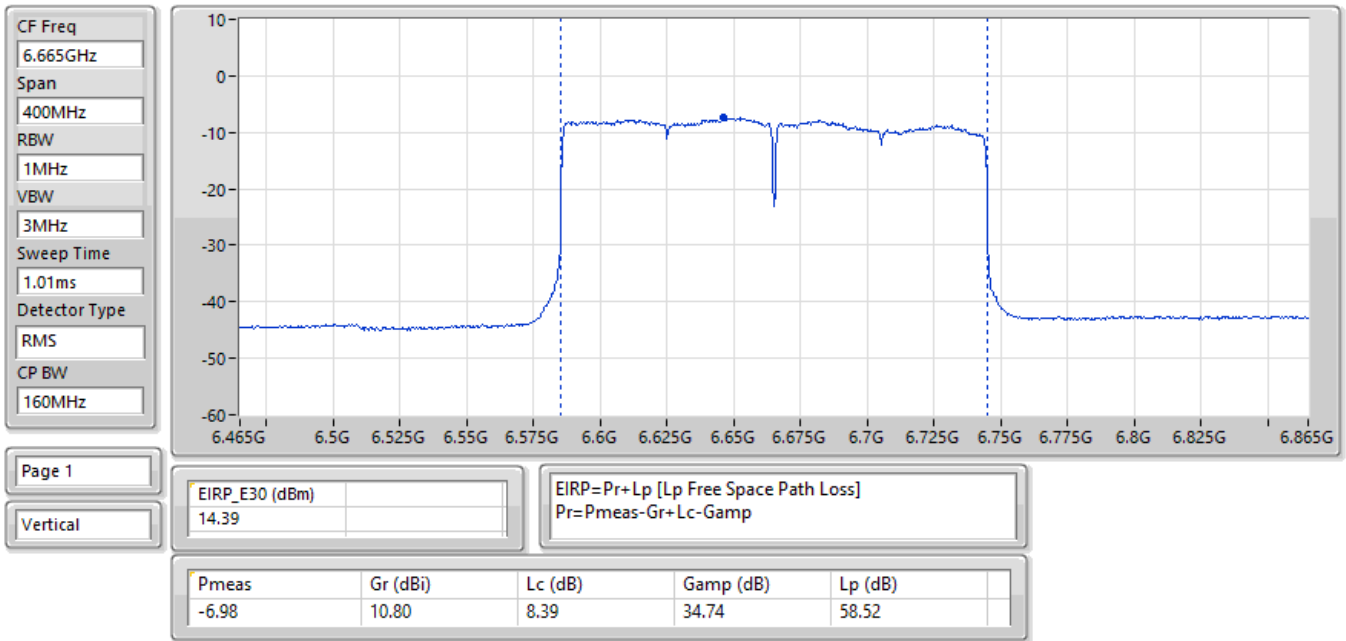


**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result
_Non-Beamforming**

Appendix C.3

03/10/2025

EIRP Elevation above 30°;Band:6.7G;be160;BWch:160MHz;Nss:4,(M0);Nant:4;Ch:6665MHz;TX



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.925-6.425GHz	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	6.39	20.99
802.11be EHT40_Nss4,(MCS0)_4TX	3.69	18.29
802.11be EHT80_Nss4,(MCS0)_4TX	0.87	15.47
802.11be EHT160_Nss4,(MCS0)_4TX	-2.50	12.10
802.11be EHT320_Nss4,(MCS0)_4TX	-5.65	8.95
6.525-6.875GHz	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	6.53	21.13
802.11be EHT40_Nss4,(MCS0)_4TX	3.38	17.98
802.11be EHT80_Nss4,(MCS0)_4TX	0.32	14.92
802.11be EHT160_Nss4,(MCS0)_4TX	-2.71	11.89

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	14.60	0.47	0.13	0.48	0.54	6.39	Inf	20.99	23.00
6195MHz	Pass	14.60	0.38	-0.12	-0.03	0.36	6.11	Inf	20.71	23.00
6415MHz	Pass	14.60	0.31	0.44	0.12	0.39	6.28	Inf	20.88	23.00
6535MHz	Pass	14.60	0.58	0.75	0.39	0.47	6.53	Inf	21.13	23.00
6695MHz	Pass	14.60	0.57	-0.09	-0.16	-0.03	6.05	Inf	20.65	23.00
6855MHz	Pass	14.60	0.02	0.59	-0.01	0.02	6.13	Inf	20.73	23.00
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	14.60	-2.24	-2.64	-2.20	-2.07	3.69	Inf	18.29	23.00
6205MHz	Pass	14.60	-2.75	-3.17	-3.09	-2.84	2.98	Inf	17.58	23.00
6405MHz	Pass	14.60	-2.97	-2.77	-3.07	-2.75	3.07	Inf	17.67	23.00
6565MHz	Pass	14.60	-2.67	-2.64	-2.65	-2.58	3.33	Inf	17.93	23.00
6685MHz	Pass	14.60	-2.20	-2.81	-2.79	-2.63	3.38	Inf	17.98	23.00
6845MHz	Pass	14.60	-2.63	-2.39	-2.67	-2.86	3.37	Inf	17.97	23.00
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	14.60	-5.14	-5.27	-5.05	-5.00	0.87	Inf	15.47	23.00
6225MHz	Pass	14.60	-5.85	-6.30	-6.11	-5.82	-0.08	Inf	14.52	23.00
6385MHz	Pass	14.60	-6.13	-5.99	-6.08	-5.90	-0.08	Inf	14.52	23.00
6625MHz	Pass	14.60	-5.55	-5.83	-5.90	-5.49	0.29	Inf	14.89	23.00
6705MHz	Pass	14.60	-5.39	-5.74	-5.93	-5.59	0.32	Inf	14.92	23.00
6785MHz	Pass	14.60	-5.59	-5.44	-5.72	-5.85	0.32	Inf	14.92	23.00
802.11be EHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	14.60	-8.64	-8.52	-8.42	-8.29	-2.50	Inf	12.10	23.00
6185MHz	Pass	14.60	-9.11	-9.59	-9.00	-9.02	-3.20	Inf	11.40	23.00
6345MHz	Pass	14.60	-8.51	-8.59	-8.59	-8.50	-2.55	Inf	12.05	23.00
6665MHz	Pass	14.60	-8.48	-8.93	-8.85	-8.52	-2.71	Inf	11.89	23.00
802.11be EHT320_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	14.60	-11.61	-12.00	-11.58	-11.28	-5.65	Inf	8.95	23.00
6265MHz	Pass	14.60	-11.85	-12.01	-11.78	-11.68	-5.87	Inf	8.73	23.00

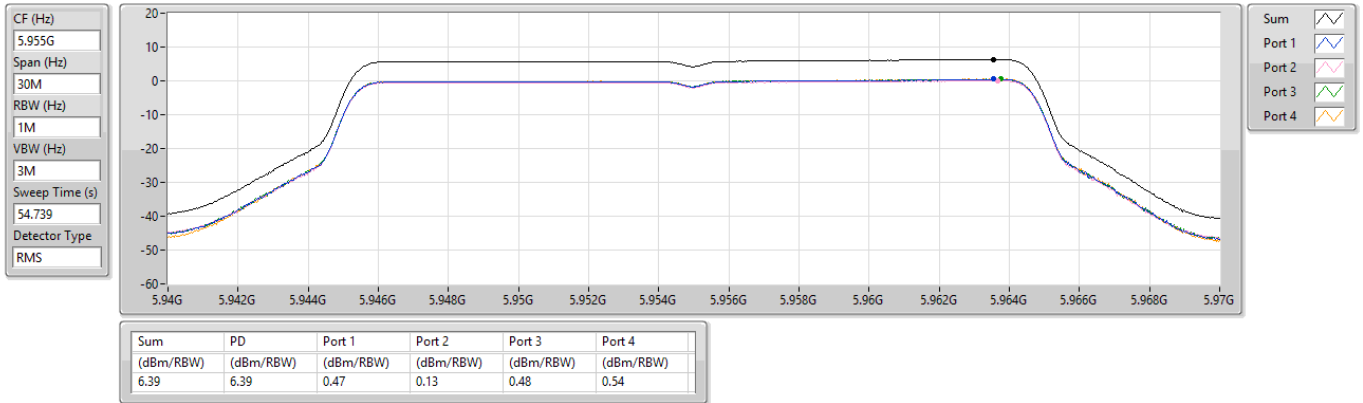
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.925-6.425GHz_802.11be EHT20_Nss4,(MCS0)_4TX

PSD

5955MHz

02/10/2025

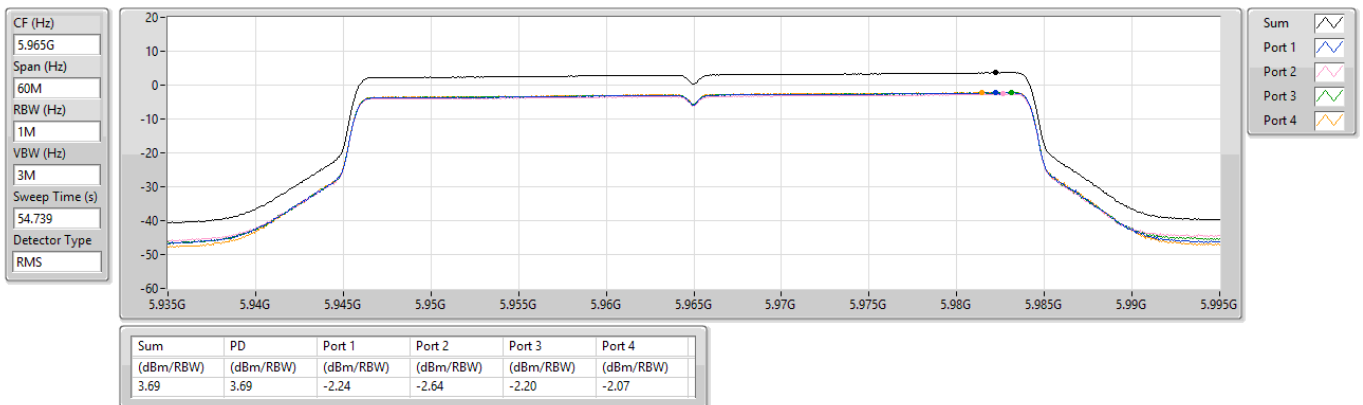


5.925-6.425GHz_802.11be EHT40_Nss4,(MCS0)_4TX

PSD

5965MHz

02/10/2025



5.925-6.425GHz_802.11be EHT80_Nss4,(MCS0)_4TX

PSD

5985MHz

02/10/2025

CF (Hz)
5.985G

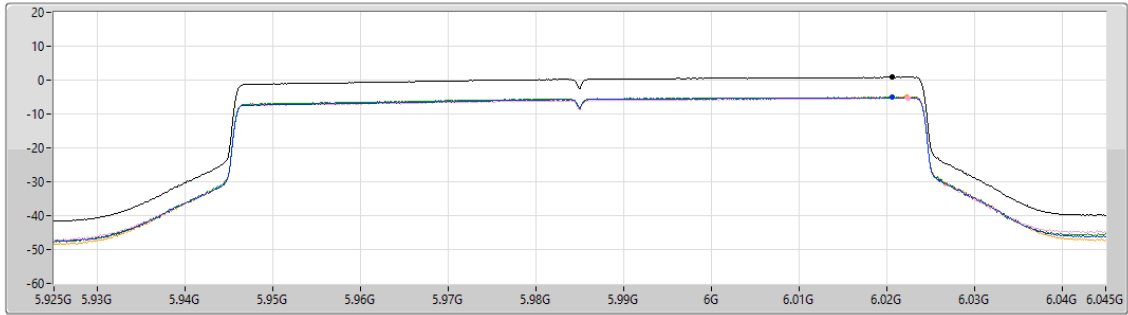
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.87	0.87	-5.14	-5.27	-5.05	-5.00

5.925-6.425GHz_802.11be EHT160_Nss4,(MCS0)_4TX

PSD

6025MHz

02/10/2025

CF (Hz)
6.025G

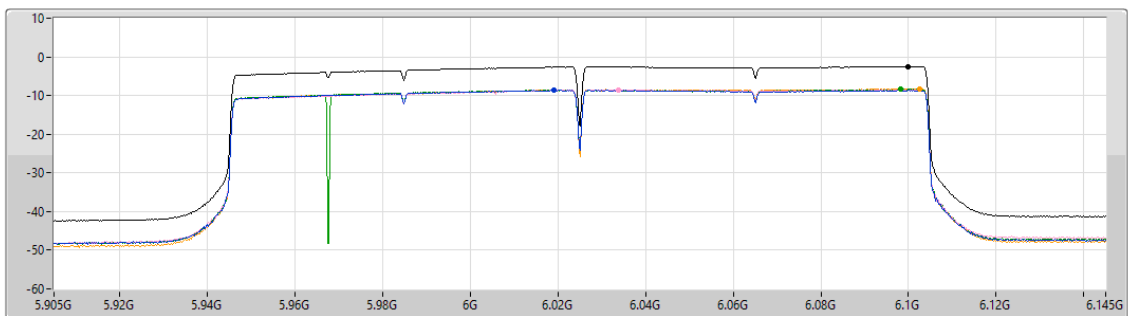
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.50	-2.50	-8.64	-8.52	-8.42	-8.29

5.925-6.425GHz_802.11be EHT320_Nss4,(MCS0)_4TX

PSD

6105MHz

02/10/2025

CF (Hz)
6.105G

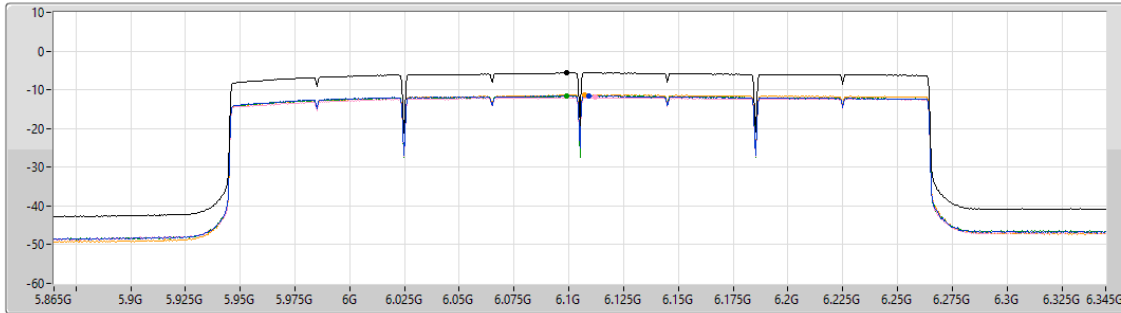
Span (Hz)
480M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.769

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.65	-5.65	-11.61	-12.00	-11.58	-11.28

6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX

PSD

6535MHz

02/10/2025

CF (Hz)
6.535G

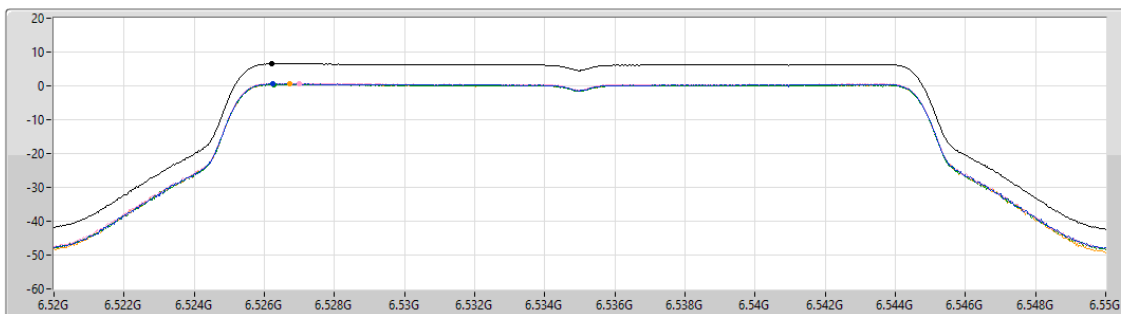
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.53	6.53	0.58	0.75	0.39	0.47

6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX

PSD

6685MHz

02/10/2025

CF (Hz)
6.685G

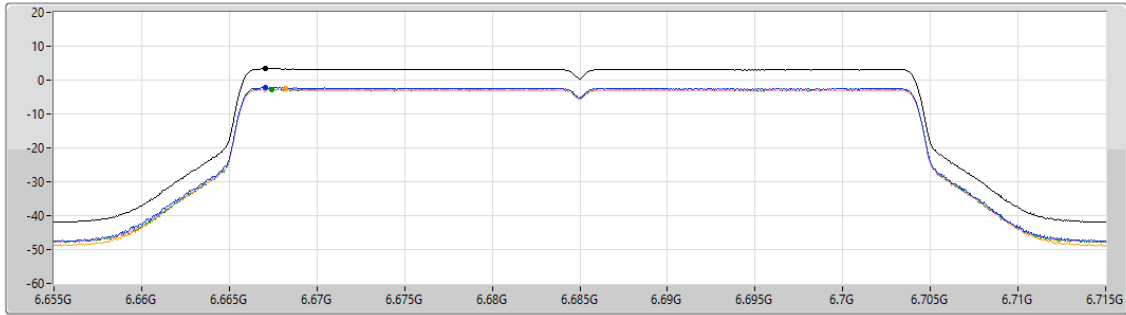
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.38	3.38	-2.20	-2.81	-2.79	-2.63

6.525-6.875GHz_802.11be EHT80_Nss4,(MCS0)_4TX

PSD

6705MHz

02/10/2025

CF (Hz)
6.705G

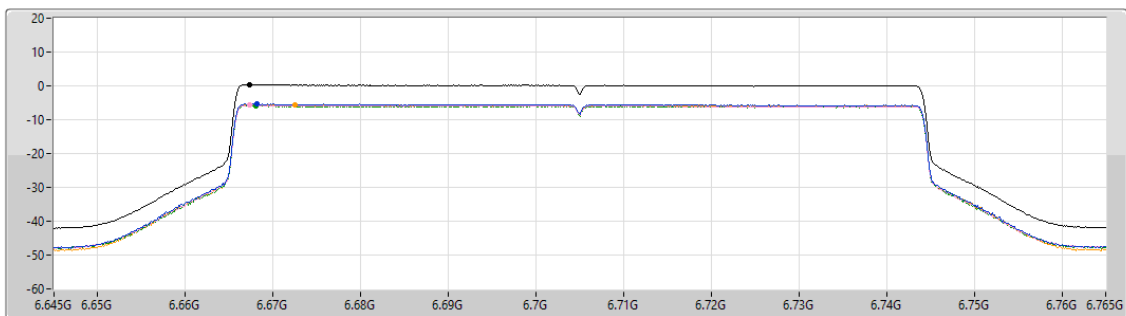
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

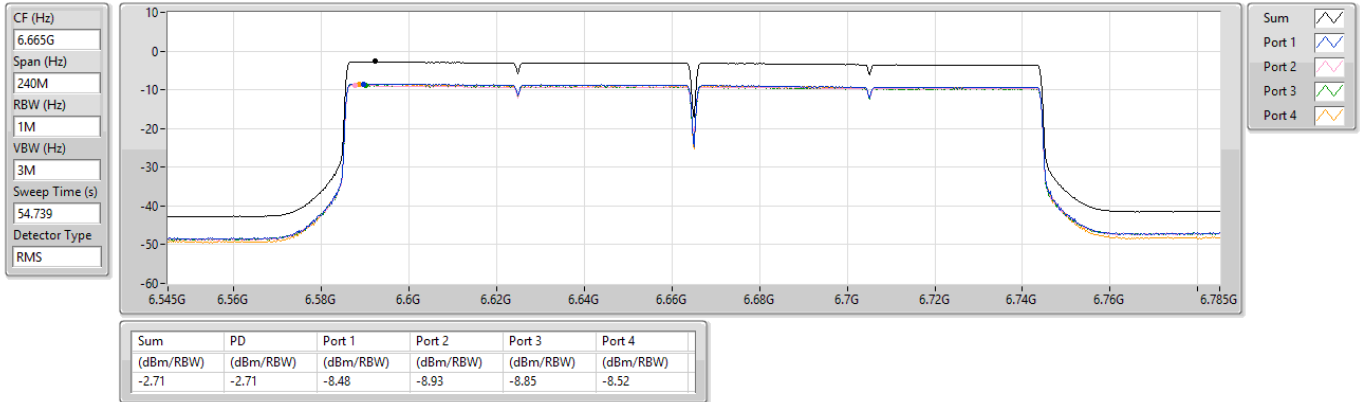
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.32	0.32	-5.39	-5.74	-5.93	-5.59

6.525-6.875GHz_802.11be EHT160_Nss4,(MCS0)_4TX

PSD

6665MHz

02/10/2025



**Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
5.925-6.425GHz	-	-	-	-	-	-	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	Pass	6.411676G	-2.53	6.4031G	-34.64	-22.54	-12.10	2
802.11be EHT40_Nss4,(MCS0)_4TX	Pass	6.389704G	-0.51	6.38225G	-32.15	-20.56	-11.59	2
802.11be EHT80_Nss4,(MCS0)_4TX	Pass	6.3806G	-3.65	6.3412G	-31.40	-23.67	-7.73	4
802.11be EHT160_Nss4,(MCS0)_4TX	Pass	6.0286G	-2.04	6.3026G	-46.86	-42.04	-4.82	1
802.11be EHT320_Nss4,(MCS0)_4TX	Pass	6.20541G	-3.32	6.9978G	-47.09	-43.32	-3.77	2
6.525-6.875GHz	-	-	-	-	-	-	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	Pass	6.526477G	-2.55	6.547G	-32.94	-22.59	-10.35	4
802.11be EHT40_Nss4,(MCS0)_4TX	Pass	6.561001G	-0.66	6.5422G	-32.67	-20.75	-11.92	1
802.11be EHT80_Nss4,(MCS0)_4TX	Pass	6.59831G	-3.80	6.5807G	-32.22	-23.81	-8.41	3
802.11be EHT160_Nss4,(MCS0)_4TX	Pass	6.58942G	-2.27	6.9528G	-48.84	-42.27	-6.57	3

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.962598G	-2.35	5.943G	-35.84	-22.37	-13.47	1
5955MHz	Pass	5.964273G	-2.70	5.967225G	-37.08	-22.70	-14.38	2
5955MHz	Pass	5.962848G	-2.54	5.967325G	-37.87	-22.56	-15.31	3
5955MHz	Pass	5.962323G	-2.30	5.94265G	-37.48	-22.33	-15.15	4
6195MHz	Pass	6.202548G	-2.64	6.1826G	-38.26	-22.67	-15.59	1
6195MHz	Pass	6.186277G	-2.87	6.207275G	-37.00	-22.27	-14.73	2
6195MHz	Pass	6.186927G	-3.03	6.1828G	-36.90	-23.06	-13.84	3
6195MHz	Pass	6.187852G	-2.50	6.14905G	-59.07	-42.50	-16.57	4
6415MHz	Pass	6.405827G	-2.74	6.426975G	-35.88	-22.81	-13.07	1
6415MHz	Pass	6.411676G	-2.53	6.4031G	-34.64	-22.54	-12.10	2
6415MHz	Pass	6.422448G	-2.91	6.426975G	-35.14	-22.95	-12.19	3
6415MHz	Pass	6.406477G	-2.65	6.403075G	-34.86	-22.68	-12.18	4
6535MHz	Pass	6.527752G	-2.25	6.547225G	-35.82	-21.75	-14.07	1
6535MHz	Pass	6.542723G	-2.25	6.522825G	-35.26	-22.33	-12.93	2
6535MHz	Pass	6.530601G	-2.62	6.54745G	-37.68	-22.78	-14.90	3
6535MHz	Pass	6.526477G	-2.55	6.547G	-32.94	-22.59	-10.35	4
6695MHz	Pass	6.687227G	-2.37	6.707075G	-35.73	-22.41	-13.32	1
6695MHz	Pass	6.703948G	-2.94	6.6829G	-36.71	-23.02	-13.69	2
6695MHz	Pass	6.703723G	-3.17	6.735875G	-58.86	-43.17	-15.69	3
6695MHz	Pass	6.686527G	-2.95	6.68275G	-37.41	-23.04	-14.37	4
6855MHz	Pass	6.863873G	-2.97	6.842975G	-35.57	-23.17	-12.40	1
6855MHz	Pass	6.862198G	-2.44	6.843075G	-34.88	-22.04	-12.84	2
6855MHz	Pass	6.862948G	-2.91	6.842625G	-37.94	-22.93	-15.01	3
6855MHz	Pass	6.850051G	-2.83	6.842975G	-35.99	-22.89	-13.10	4
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.982796G	-0.17	6.04415G	-53.99	-40.17	-13.82	1
5965MHz	Pass	5.982046G	-0.46	5.9875G	-32.33	-20.36	-11.97	2
5965MHz	Pass	5.974848G	0.00	5.9881G	-33.44	-20.10	-13.34	3
5965MHz	Pass	5.981996G	0.12	5.9878G	-32.74	-19.18	-13.56	4
6205MHz	Pass	6.189654G	-0.61	6.2732G	-54.10	-40.61	-13.49	1
6205MHz	Pass	6.194453G	-1.12	6.28465G	-53.81	-41.12	-12.69	2
6205MHz	Pass	6.190154G	-0.90	6.28845G	-54.19	-40.90	-13.29	3
6205MHz	Pass	6.200451G	-0.85	6.2278G	-33.64	-20.86	-12.78	4
6405MHz	Pass	6.422196G	-0.83	6.33455G	-54.03	-40.83	-13.20	1
6405MHz	Pass	6.389704G	-0.51	6.38225G	-32.15	-20.56	-11.59	2
6405MHz	Pass	6.398802G	-0.97	6.3821G	-33.40	-21.04	-12.36	3
6405MHz	Pass	6.418247G	-0.60	6.49255G	-54.09	-40.60	-13.49	4
6565MHz	Pass	6.561001G	-0.66	6.5422G	-32.67	-20.75	-11.92	1
6565MHz	Pass	6.549304G	-0.55	6.54215G	-31.84	-18.65	-13.19	2
6565MHz	Pass	6.547054G	-0.71	6.48055G	-54.65	-40.71	-13.94	3
6565MHz	Pass	6.552153G	-0.55	6.5419G	-33.17	-20.57	-12.60	4
6685MHz	Pass	6.671253G	-0.00	6.6617G	-33.97	-20.11	-13.86	1
6685MHz	Pass	6.670554G	-0.50	6.76485G	-54.06	-40.50	-13.56	2
6685MHz	Pass	6.667654G	-0.55	6.77135G	-54.45	-40.55	-13.90	3
6685MHz	Pass	6.667354G	-0.42	6.6623G	-33.07	-20.43	-12.64	4
6845MHz	Pass	6.835902G	-0.46	6.86795G	-32.24	-19.46	-12.78	1
6845MHz	Pass	6.831853G	-0.14	6.91455G	-53.78	-40.14	-13.64	2
6845MHz	Pass	6.827654G	-0.55	6.92585G	-53.73	-40.55	-13.18	3
6845MHz	Pass	6.848249G	-0.67	6.822G	-33.53	-20.75	-12.78	4
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5985MHz	Pass	6.02059G	-3.02	6.0289G	-32.32	-23.02	-9.30	1
5985MHz	Pass	6.02289G	-3.18	6.0296G	-32.87	-23.19	-9.68	2
5985MHz	Pass	6.01879G	-2.93	6.0289G	-31.46	-22.93	-8.53	3
5985MHz	Pass	6.02229G	-2.87	6.029G	-31.92	-22.89	-9.03	4

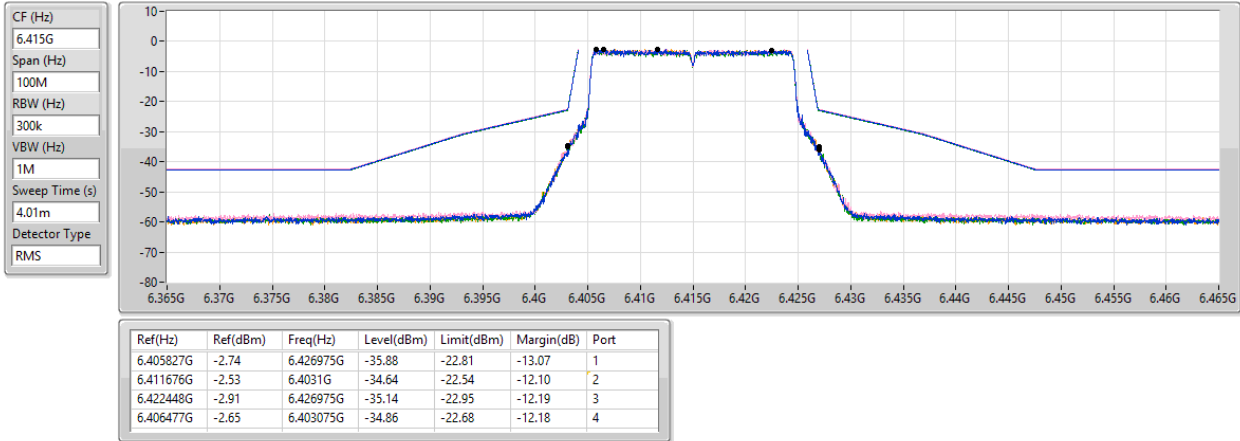
Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
6225MHz	Pass	6.2282G	-3.62	6.1799G	-33.25	-23.42	-9.83	1
6225MHz	Pass	6.19591G	-4.18	6.1803G	-33.22	-24.19	-9.03	2
6225MHz	Pass	6.18771G	-3.84	6.1792G	-33.91	-23.95	-9.96	3
6225MHz	Pass	6.2295G	-3.65	6.1804G	-32.74	-23.76	-8.98	4
6385MHz	Pass	6.35421G	-3.84	6.2483G	-54.65	-43.84	-10.81	1
6385MHz	Pass	6.34691G	-3.88	6.3403G	-32.81	-23.91	-8.90	2
6385MHz	Pass	6.34841G	-3.80	6.4306G	-34.28	-23.81	-10.47	3
6385MHz	Pass	6.3806G	-3.65	6.3412G	-31.40	-23.67	-7.73	4
6625MHz	Pass	6.59751G	-3.31	6.5811G	-32.00	-23.33	-8.67	1
6625MHz	Pass	6.60031G	-3.63	6.5799G	-33.32	-23.65	-9.67	2
6625MHz	Pass	6.59831G	-3.80	6.5807G	-32.22	-23.81	-8.41	3
6625MHz	Pass	6.58801G	-3.55	6.58G	-32.85	-23.61	-9.24	4
6705MHz	Pass	6.67161G	-3.05	6.6605G	-32.57	-23.08	-9.49	1
6705MHz	Pass	6.66671G	-3.70	6.7491G	-32.57	-23.72	-8.85	2
6705MHz	Pass	6.6914G	-3.67	6.8705G	-53.70	-43.67	-10.03	3
6705MHz	Pass	6.66901G	-3.36	6.6594G	-33.69	-23.41	-10.28	4
6785MHz	Pass	6.7824G	-3.38	6.8296G	-33.05	-23.41	-9.64	1
6785MHz	Pass	6.7669G	-3.17	6.7407G	-32.71	-23.18	-9.53	2
6785MHz	Pass	6.7973G	-3.67	6.9747G	-53.09	-43.67	-9.42	3
6785MHz	Pass	6.74871G	-3.50	6.8293G	-31.73	-22.70	-9.03	4
802.11be EHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
6025MHz	Pass	6.0286G	-2.04	6.3026G	-46.86	-42.04	-4.82	1
6025MHz	Pass	6.0344G	-1.98	6.2928G	-47.08	-41.98	-5.10	2
6025MHz	Pass	6.08738G	-1.81	6.2982G	-47.53	-41.81	-5.72	3
6025MHz	Pass	6.033G	-1.88	6.296G	-47.41	-41.88	-5.53	4
6185MHz	Pass	6.1712G	-2.46	6.469G	-49.11	-42.46	-6.65	1
6185MHz	Pass	6.11022G	-2.91	6.46G	-48.91	-42.91	-6.00	2
6185MHz	Pass	6.13241G	-2.44	6.4654G	-49.34	-42.44	-6.90	3
6185MHz	Pass	6.169G	-2.43	6.459G	-48.89	-42.43	-6.46	4
6345MHz	Pass	6.27922G	-1.92	6.075G	-49.36	-41.92	-7.44	1
6345MHz	Pass	6.27462G	-2.04	6.0772G	-49.33	-42.04	-7.29	2
6345MHz	Pass	6.27062G	-1.96	6.0684G	-50.12	-41.96	-8.16	3
6345MHz	Pass	6.27182G	-1.98	6.073G	-49.80	-41.98	-7.82	4
6665MHz	Pass	6.59602G	-1.93	6.9386G	-48.89	-41.93	-6.96	1
6665MHz	Pass	6.59382G	-2.26	6.9952G	-49.07	-42.26	-6.81	2
6665MHz	Pass	6.58942G	-2.27	6.9528G	-48.84	-42.27	-6.57	3
6665MHz	Pass	6.59822G	-1.83	6.989G	-48.76	-41.83	-6.93	4
802.11be EHT320_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
6105MHz	Pass	6.1146G	-2.66	6.8978G	-48.04	-42.66	-5.38	1
6105MHz	Pass	6.1134G	-3.22	6.8922G	-48.07	-43.22	-4.85	2
6105MHz	Pass	6.1142G	-2.85	6.8942G	-48.02	-42.85	-5.17	3
6105MHz	Pass	6.1202G	-2.51	6.9034G	-47.92	-42.51	-5.41	4
6265MHz	Pass	6.12384G	-3.02	6.9958G	-47.23	-43.02	-4.21	1
6265MHz	Pass	6.20541G	-3.32	6.9978G	-47.09	-43.32	-3.77	2
6265MHz	Pass	6.13823G	-2.98	6.9966G	-47.12	-42.98	-4.14	3
6265MHz	Pass	6.23821G	-3.08	6.9766G	-47.17	-43.08	-4.09	4

5.925-6.425GHz_802.11be EHT20_Nss4,(MCS0)_4TX

MASK

6415MHz_TX

02/10/2025

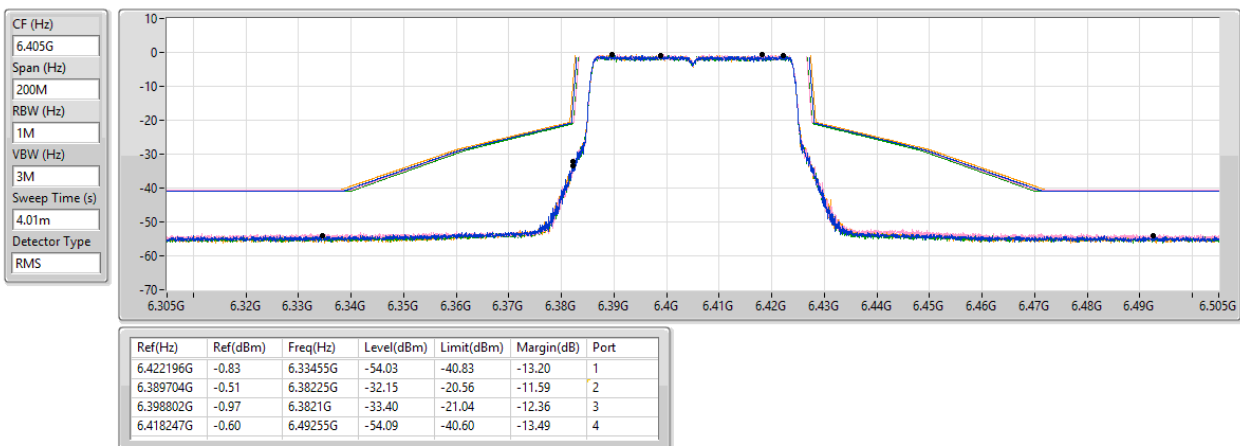


5.925-6.425GHz_802.11be EHT40_Nss4,(MCS0)_4TX

MASK

6405MHz_TX

02/10/2025

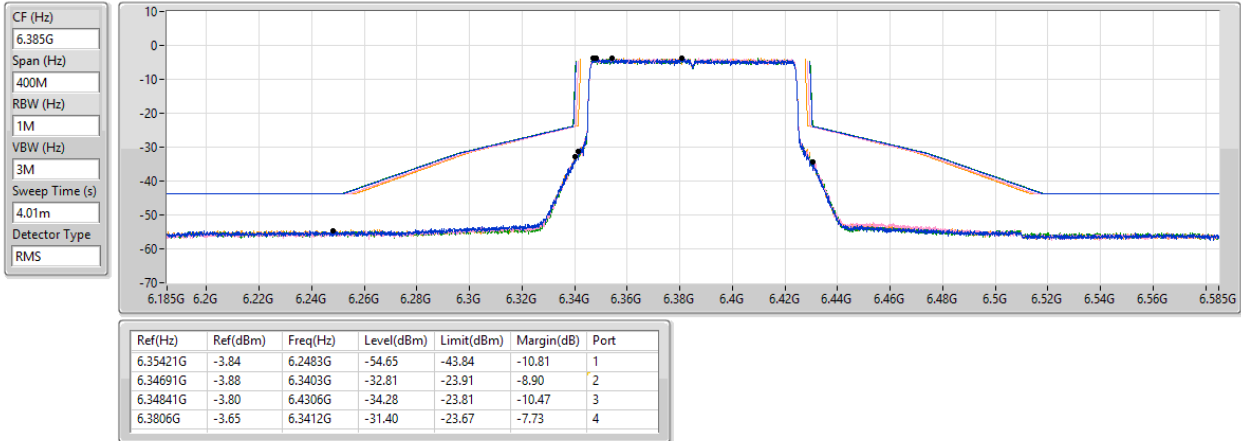


5.925-6.425GHz_802.11be EHT80_Nss4,(MCS0)_4TX

MASK

6385MHz_TX

02/10/2025

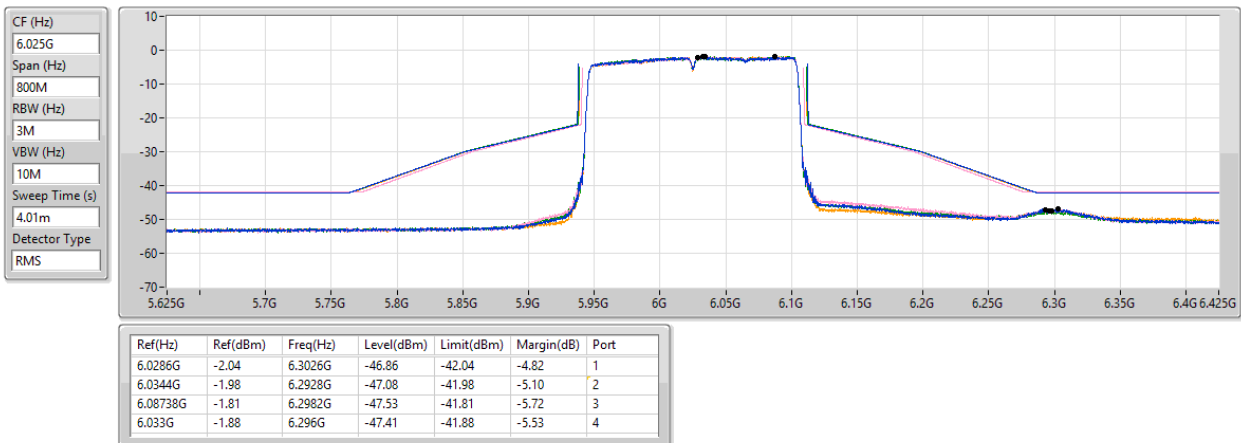


5.925-6.425GHz_802.11be EHT160_Nss4,(MCS0)_4TX

MASK

6025MHz_TX

02/10/2025

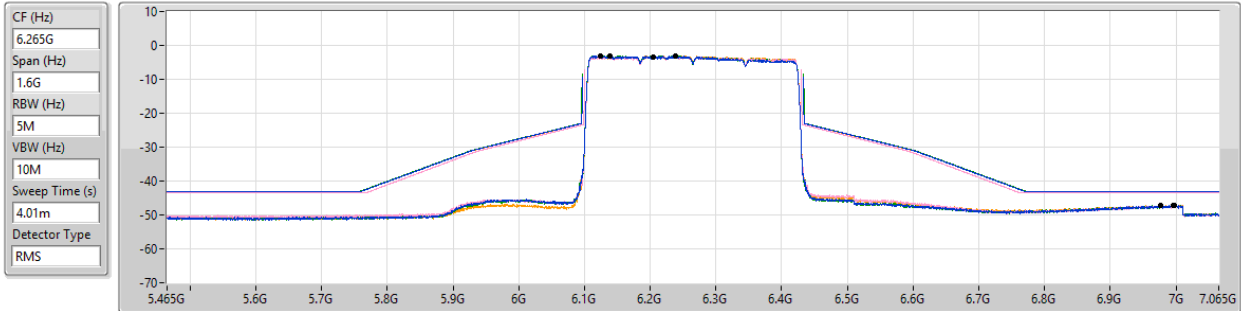


5.925-6.425GHz_802.11be EHT320_Nss4,(MCS0)_4TX

MASK

6265MHz_TX

02/10/2025



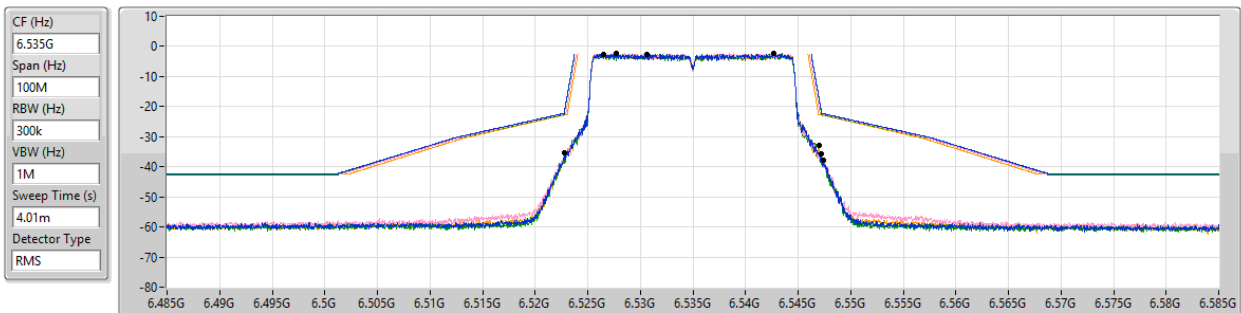
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.12384G	-3.02	6.9958G	-47.23	-43.02	-4.21	1
6.20541G	-3.32	6.9978G	-47.09	-43.32	-3.77	2
6.13823G	-2.98	6.9966G	-47.12	-42.98	-4.14	3
6.23821G	-3.08	6.9766G	-47.17	-43.08	-4.09	4

6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX

MASK

6535MHz_TX

02/10/2025



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.527752G	-2.25	6.547225G	-35.82	-21.75	-14.07	1
6.542723G	-2.25	6.522825G	-35.26	-22.33	-12.93	2
6.530601G	-2.62	6.54745G	-37.68	-22.78	-14.90	3
6.526477G	-2.55	6.547G	-32.94	-22.59	-10.35	4

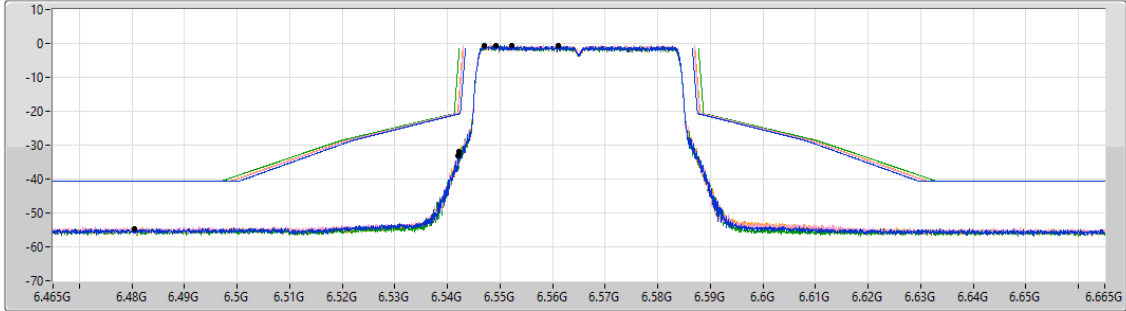
6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX

MASK

6565MHz_TX

02/10/2025

CF (Hz)
6.565G
Span (Hz)
200M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
4.01m
Detector Type
RMS



Port 1
Port 2
Port 3
Port 4

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.561001G	-0.66	6.5422G	-32.67	-20.75	-11.92	1
6.549304G	-0.55	6.54215G	-31.84	-18.65	-13.19	2
6.547054G	-0.71	6.48055G	-54.65	-40.71	-13.94	3
6.552153G	-0.55	6.5419G	-33.17	-20.57	-12.60	4

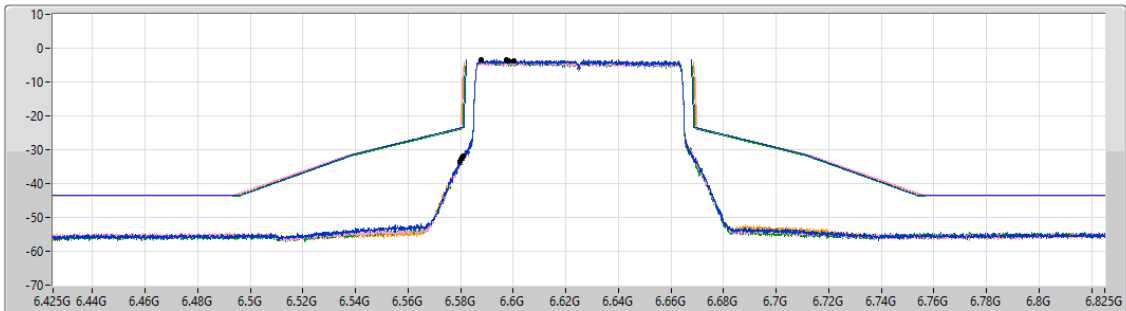
6.525-6.875GHz_802.11be EHT80_Nss4,(MCS0)_4TX

MASK

6625MHz_TX

02/10/2025

CF (Hz)
6.625G
Span (Hz)
400M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
4.01m
Detector Type
RMS



Port 1
Port 2
Port 3
Port 4

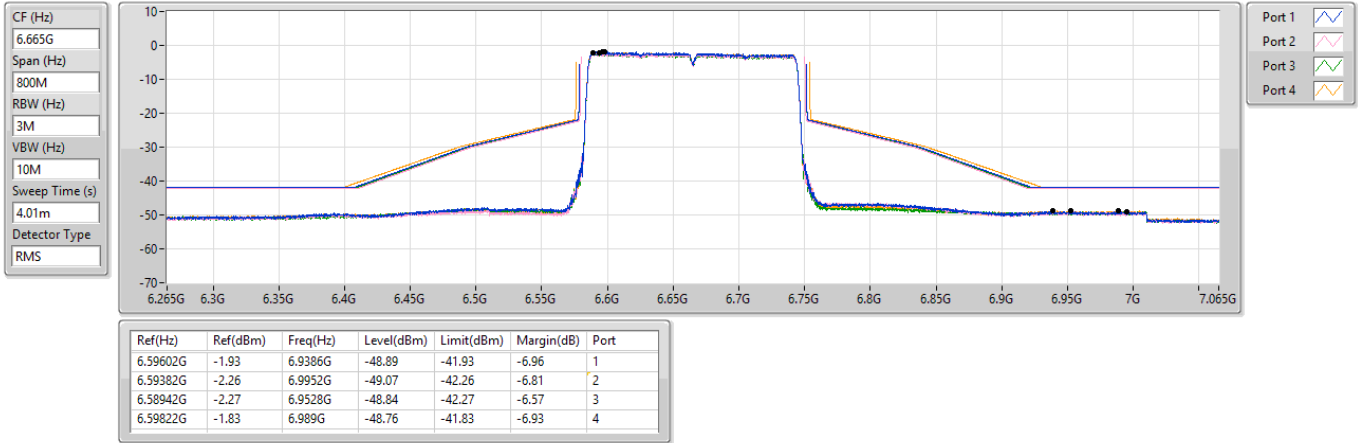
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.59751G	-3.31	6.5811G	-32.00	-23.33	-8.67	1
6.60031G	-3.63	6.5799G	-33.32	-23.65	-9.67	2
6.59831G	-3.80	6.5807G	-32.22	-23.81	-8.41	3
6.58801G	-3.55	6.58G	-32.85	-23.61	-9.24	4

6.525-6.875GHz_802.11be EHT160_Nss4_(MCS0)_4TX

MASK

6665MHz_TX

02/10/2025





Summary

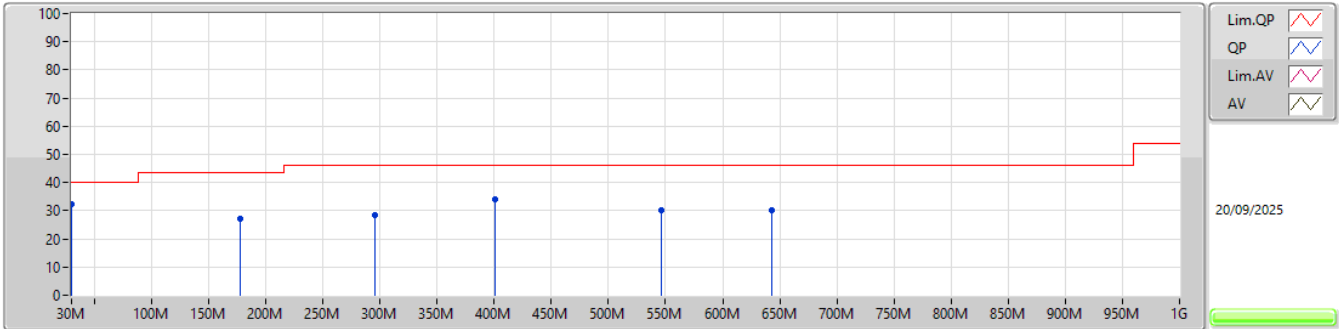
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.925-6.425GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT320_Nss4,(MCS0)_4TX	Pass	PK	30M	32.54	40.00	-7.46	3	Vertical	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT320_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	PK	30M	32.54	40.00	-7.46	3	Vertical	360	1.00
6105MHz	Pass	PK	177.44M	27.19	43.50	-16.31	3	Vertical	360	1.00
6105MHz	Pass	PK	295.78M	28.64	46.00	-17.36	3	Vertical	360	1.00
6105MHz	Pass	PK	400.54M	34.15	46.00	-11.85	3	Vertical	360	1.00
6105MHz	Pass	PK	546.04M	30.29	46.00	-15.71	3	Vertical	360	1.00
6105MHz	Pass	PK	643.04M	30.02	46.00	-15.98	3	Vertical	360	1.00
6105MHz	Pass	PK	30M	31.52	40.00	-8.48	3	Horizontal	0	1.00
6105MHz	Pass	PK	113.42M	27.91	43.50	-15.59	3	Horizontal	0	1.00
6105MHz	Pass	PK	297.72M	28.21	46.00	-17.79	3	Horizontal	0	1.00
6105MHz	Pass	PK	408.3M	33.06	46.00	-12.94	3	Horizontal	0	1.00
6105MHz	Pass	PK	518.88M	34.80	46.00	-11.20	3	Horizontal	0	1.00
6105MHz	Pass	PK	687.66M	33.32	46.00	-12.68	3	Horizontal	0	1.00

5.925-6.425GHz_802.11be EHT320_Nss4,(MCS0)_4TX

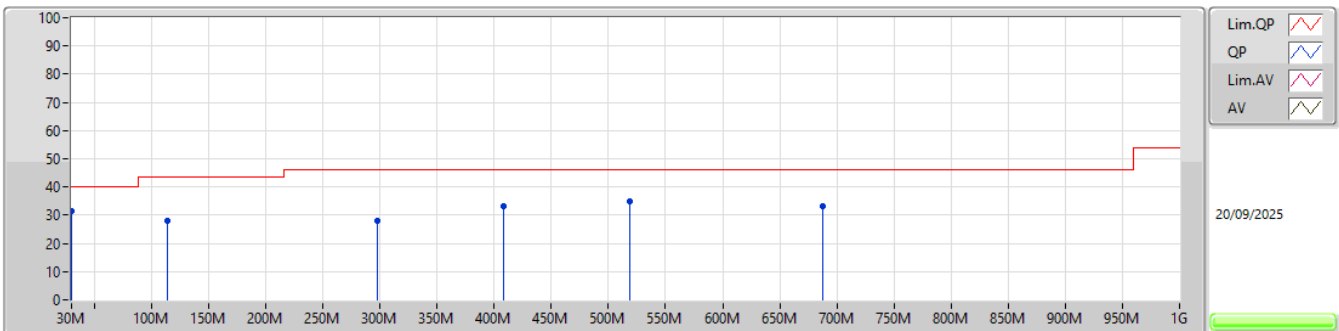
6105MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	30M	32.54	40.00	-7.46	-1.94	3	Vertical	360	1.00	34.48	24.27	1.04	27.25
PK	177.44M	27.19	43.50	-16.31	-8.92	3	Vertical	360	1.00	36.11	15.53	2.21	26.66
PK	295.78M	28.64	46.00	-17.36	-5.21	3	Vertical	360	1.00	33.85	19.31	2.94	27.46
PK	400.54M	34.15	46.00	-11.85	-3.49	3	Vertical	360	1.00	37.64	21.89	3.35	28.73
PK	546.04M	30.29	46.00	-15.71	0.42	3	Vertical	360	1.00	29.87	25.26	4.01	28.85
PK	643.04M	30.02	46.00	-15.98	1.63	3	Vertical	360	1.00	28.39	25.14	4.40	27.91

5.925-6.425GHz_802.11be EHT320_Nss4,(MCS0)_4TX

6105MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	30M	31.52	40.00	-8.48	-1.94	3	Horizontal	0	1.00	33.46	24.27	1.04	27.25
PK	113.42M	27.91	43.50	-15.59	-6.21	3	Horizontal	0	1.00	34.12	18.33	1.78	26.32
PK	297.72M	28.21	46.00	-17.79	-5.14	3	Horizontal	0	1.00	33.35	19.38	2.95	27.47
PK	408.3M	33.06	46.00	-12.94	-3.19	3	Horizontal	0	1.00	36.25	22.22	3.39	28.80
PK	518.88M	34.80	46.00	-11.20	-1.28	3	Horizontal	0	1.00	36.08	23.85	3.88	29.01
PK	687.66M	33.32	46.00	-12.68	2.25	3	Horizontal	0	1.00	31.07	25.16	4.60	27.51

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.925-6.425GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	Pass	AV	12.38163G	44.14	54.00	-9.86	3	Vertical	116	1.50
802.11be EHT40_Nss4,(MCS0)_4TX	Pass	AV	12.38042G	43.87	54.00	-10.13	3	Vertical	11	1.50
802.11be EHT80_Nss4,(MCS0)_4TX	Pass	AV	12.4662G	43.98	54.00	-10.02	3	Horizontal	360	1.50
802.11be EHT160_Nss4,(MCS0)_4TX	Pass	AV	12.699G	44.56	54.00	-9.44	3	Vertical	207	2.24
802.11be EHT320_Nss4,(MCS0)_4TX	Pass	AV	12.545G	44.15	54.00	-9.85	3	Horizontal	131	1.50
6.525-6.875GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	Pass	AV	13.39663G	45.21	54.00	-8.79	3	Vertical	357	1.50
802.11be EHT40_Nss4,(MCS0)_4TX	Pass	AV	13.39886G	45.31	54.00	-8.69	3	Vertical	100	1.50
802.11be EHT80_Nss4,(MCS0)_4TX	Pass	AV	13.25336G	44.75	54.00	-9.25	3	Vertical	128	1.18
802.11be EHT160_Nss4,(MCS0)_4TX	Pass	AV	13.34341G	44.88	54.00	-9.12	3	Horizontal	12	1.42

Result

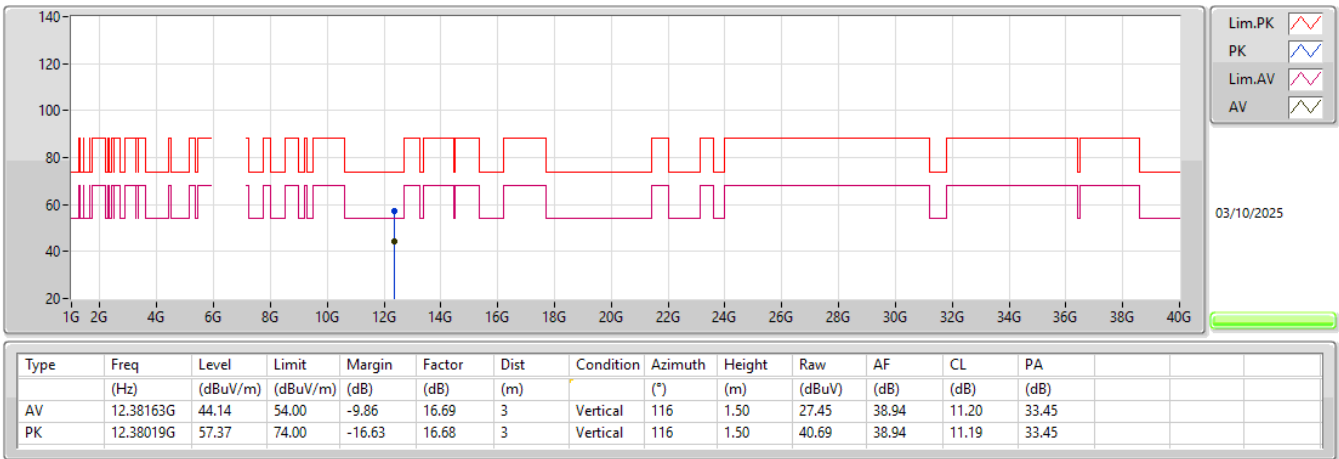
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	AV	5.9247G	51.57	68.20	-16.63	3	Vertical	355	1.68
5955MHz	Pass	AV	5.9622G	109.87	Inf	-Inf	3	Vertical	355	1.68
5955MHz	Pass	PK	5.9247G	63.86	88.20	-24.34	3	Vertical	355	1.68
5955MHz	Pass	PK	5.9607G	121.29	Inf	-Inf	3	Vertical	355	1.68
5955MHz	Pass	AV	5.925G	51.61	68.20	-16.59	3	Horizontal	360	1.70
5955MHz	Pass	AV	5.9637G	109.69	Inf	-Inf	3	Horizontal	360	1.70
5955MHz	Pass	PK	5.9235G	62.84	88.20	-25.36	3	Horizontal	360	1.70
5955MHz	Pass	PK	5.9592G	121.18	Inf	-Inf	3	Horizontal	360	1.70
5955MHz	Pass	AV	11.8977G	43.17	54.00	-10.83	3	Vertical	307	1.50
5955MHz	Pass	PK	11.91255G	56.47	74.00	-17.53	3	Vertical	307	1.50
5955MHz	Pass	AV	11.89824G	43.07	54.00	-10.93	3	Horizontal	290	2.92
5955MHz	Pass	PK	11.90763G	56.12	74.00	-17.88	3	Horizontal	290	2.92
6195MHz	Pass	AV	12.38163G	44.14	54.00	-9.86	3	Vertical	116	1.50
6195MHz	Pass	PK	12.38019G	57.37	74.00	-16.63	3	Vertical	116	1.50
6195MHz	Pass	AV	12.37734G	44.11	54.00	-9.89	3	Horizontal	255	3.00
6195MHz	Pass	PK	12.40296G	56.83	74.00	-17.17	3	Horizontal	255	3.00
6415MHz	Pass	AV	12.82208G	44.67	68.20	-23.53	3	Vertical	3	2.57
6415MHz	Pass	PK	12.81866G	57.48	88.20	-30.72	3	Vertical	3	2.57
6415MHz	Pass	AV	12.824G	44.75	68.20	-23.45	3	Horizontal	16	1.50
6415MHz	Pass	PK	12.82826G	57.65	88.20	-30.55	3	Horizontal	16	1.50
6535MHz	Pass	AV	13.055G	45.05	68.20	-23.15	3	Vertical	263	1.50
6535MHz	Pass	PK	13.07831G	57.99	88.20	-30.21	3	Vertical	263	1.50
6535MHz	Pass	AV	13.05539G	45.07	68.20	-23.13	3	Horizontal	61	1.31
6535MHz	Pass	PK	13.05731G	57.79	88.20	-30.41	3	Horizontal	61	1.31
6695MHz	Pass	AV	13.39663G	45.21	54.00	-8.79	3	Vertical	357	1.50
6695MHz	Pass	PK	13.40383G	57.76	88.20	-30.44	3	Vertical	357	1.50
6695MHz	Pass	AV	13.39996G	45.13	54.00	-8.87	3	Horizontal	213	1.50
6695MHz	Pass	PK	13.39975G	57.87	74.00	-16.13	3	Horizontal	213	1.50
6855MHz	Pass	AV	13.70529G	45.41	68.20	-22.79	3	Vertical	339	1.86
6855MHz	Pass	PK	13.70883G	58.44	88.20	-29.76	3	Vertical	339	1.86
6855MHz	Pass	AV	13.70292G	45.27	68.20	-22.93	3	Horizontal	264	3.00
6855MHz	Pass	PK	13.71759G	58.11	88.20	-30.09	3	Horizontal	264	3.00
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	AV	5.9245G	55.73	68.20	-12.47	3	Vertical	352	1.75
5965MHz	Pass	AV	5.9833G	106.81	Inf	-Inf	3	Vertical	352	1.75
5965MHz	Pass	PK	5.9248G	66.50	88.20	-21.70	3	Vertical	352	1.75
5965MHz	Pass	PK	5.9779G	118.73	Inf	-Inf	3	Vertical	352	1.75
5965MHz	Pass	AV	5.9245G	56.39	68.20	-11.81	3	Horizontal	360	1.70
5965MHz	Pass	AV	5.98G	107.34	Inf	-Inf	3	Horizontal	360	1.70
5965MHz	Pass	PK	5.9242G	67.66	88.20	-20.54	3	Horizontal	360	1.70
5965MHz	Pass	PK	5.9779G	119.13	Inf	-Inf	3	Horizontal	360	1.70
5965MHz	Pass	AV	11.95916G	43.25	54.00	-10.75	3	Vertical	185	1.50
5965MHz	Pass	PK	11.906G	56.12	74.00	-17.88	3	Vertical	185	1.50
5965MHz	Pass	AV	11.92796G	43.29	54.00	-10.71	3	Horizontal	48	2.54
5965MHz	Pass	PK	11.92214G	56.28	74.00	-17.72	3	Horizontal	48	2.54
6205MHz	Pass	AV	12.38042G	43.87	54.00	-10.13	3	Vertical	11	1.50
6205MHz	Pass	PK	12.39806G	56.94	74.00	-17.06	3	Vertical	11	1.50
6205MHz	Pass	AV	12.38324G	43.85	54.00	-10.15	3	Horizontal	31	1.19
6205MHz	Pass	PK	12.42668G	56.70	74.00	-17.30	3	Horizontal	31	1.19
6405MHz	Pass	AV	12.8274G	44.74	68.20	-23.46	3	Vertical	288	1.12
6405MHz	Pass	PK	12.80256G	57.73	88.20	-30.47	3	Vertical	288	1.12
6405MHz	Pass	AV	12.82518G	44.72	68.20	-23.48	3	Horizontal	169	1.50
6405MHz	Pass	PK	12.8226G	57.56	88.20	-30.64	3	Horizontal	169	1.50
6565MHz	Pass	AV	13.14698G	45.04	68.20	-23.16	3	Vertical	64	1.50
6565MHz	Pass	PK	13.1453G	57.85	88.20	-30.35	3	Vertical	64	1.50
6565MHz	Pass	AV	13.15448G	45.05	68.20	-23.15	3	Horizontal	360	1.50
6565MHz	Pass	PK	13.10534G	57.60	88.20	-30.60	3	Horizontal	360	1.50
6685MHz	Pass	AV	13.39886G	45.31	54.00	-8.69	3	Vertical	100	1.50
6685MHz	Pass	PK	13.39292G	58.07	74.00	-15.93	3	Vertical	100	1.50
6685MHz	Pass	AV	13.39724G	45.26	54.00	-8.74	3	Horizontal	230	2.12

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6685MHz	Pass	PK	13.39406G	57.51	74.00	-16.49	3	Horizontal	230	2.12
6845MHz	Pass	AV	13.711G	45.45	68.20	-22.75	3	Vertical	101	1.50
6845MHz	Pass	PK	13.71184G	58.33	88.20	-29.87	3	Vertical	101	1.50
6845MHz	Pass	AV	13.71016G	45.48	68.20	-22.72	3	Horizontal	268	1.50
6845MHz	Pass	PK	13.71706G	58.46	88.20	-29.74	3	Horizontal	268	1.50
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	AV	5.925G	56.70	68.20	-11.50	3	Vertical	354	1.72
5985MHz	Pass	AV	6.0215G	103.93	Inf	-Inf	3	Vertical	354	1.72
5985MHz	Pass	PK	5.921G	67.58	88.20	-20.62	3	Vertical	354	1.72
5985MHz	Pass	PK	6.018G	115.92	Inf	-Inf	3	Vertical	354	1.72
5985MHz	Pass	AV	5.925G	56.74	68.20	-11.46	3	Horizontal	360	1.70
5985MHz	Pass	AV	6.0225G	104.41	Inf	-Inf	3	Horizontal	360	1.70
5985MHz	Pass	PK	5.917G	67.44	88.20	-20.76	3	Horizontal	360	1.70
5985MHz	Pass	PK	6.0205G	116.18	Inf	-Inf	3	Horizontal	360	1.70
5985MHz	Pass	AV	12.0294G	43.56	54.00	-10.44	3	Vertical	270	1.25
5985MHz	Pass	PK	11.98344G	56.26	74.00	-17.74	3	Vertical	270	1.25
5985MHz	Pass	AV	12.03G	43.55	54.00	-10.45	3	Horizontal	351	2.95
5985MHz	Pass	PK	11.97G	56.67	74.00	-17.33	3	Horizontal	351	2.95
6225MHz	Pass	AV	12.46272G	43.93	54.00	-10.07	3	Vertical	139	1.00
6225MHz	Pass	PK	12.5088G	56.84	74.00	-17.16	3	Vertical	139	1.00
6225MHz	Pass	AV	12.4662G	43.98	54.00	-10.02	3	Horizontal	360	1.50
6225MHz	Pass	PK	12.5076G	56.65	74.00	-17.35	3	Horizontal	360	1.50
6385MHz	Pass	AV	12.82448G	44.53	68.20	-23.67	3	Vertical	275	1.50
6385MHz	Pass	PK	12.77216G	57.36	88.20	-30.84	3	Vertical	275	1.50
6385MHz	Pass	AV	12.827G	44.48	68.20	-23.72	3	Horizontal	68	1.18
6385MHz	Pass	PK	12.76496G	57.35	88.20	-30.85	3	Horizontal	68	1.18
6625MHz	Pass	AV	13.25336G	44.75	54.00	-9.25	3	Vertical	128	1.18
6625MHz	Pass	PK	13.30628G	57.23	74.00	-16.77	3	Vertical	128	1.18
6625MHz	Pass	AV	13.20716G	44.73	68.20	-23.47	3	Horizontal	70	2.95
6625MHz	Pass	PK	13.19732G	58.23	88.20	-29.97	3	Horizontal	70	2.95
6705MHz	Pass	AV	13.4592G	45.42	68.20	-22.78	3	Vertical	344	1.18
6705MHz	Pass	PK	13.4316G	58.52	88.20	-29.68	3	Vertical	344	1.18
6705MHz	Pass	AV	13.47G	45.46	68.20	-22.74	3	Horizontal	7	1.50
6705MHz	Pass	PK	13.45932G	57.69	88.20	-30.51	3	Horizontal	7	1.50
6785MHz	Pass	AV	13.55884G	46.20	68.20	-22.00	3	Vertical	92	1.81
6785MHz	Pass	PK	13.5502G	58.81	88.20	-29.39	3	Vertical	92	1.81
6785MHz	Pass	AV	13.54996G	46.15	68.20	-22.05	3	Horizontal	197	2.10
6785MHz	Pass	PK	13.57996G	59.25	88.20	-28.95	3	Horizontal	197	2.10
802.11be EHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	AV	5.925G	54.40	68.20	-13.80	3	Vertical	3	1.79
6025MHz	Pass	AV	6.0285G	100.68	Inf	-Inf	3	Vertical	3	1.79
6025MHz	Pass	PK	5.899G	68.50	88.20	-19.70	3	Vertical	3	1.79
6025MHz	Pass	PK	6.0365G	112.84	Inf	-Inf	3	Vertical	3	1.79
6025MHz	Pass	AV	5.924G	55.03	68.20	-13.17	3	Horizontal	0	1.78
6025MHz	Pass	AV	6.096G	101.50	Inf	-Inf	3	Horizontal	0	1.78
6025MHz	Pass	PK	5.9025G	66.34	88.20	-21.86	3	Horizontal	0	1.78
6025MHz	Pass	PK	6.0975G	113.87	Inf	-Inf	3	Horizontal	0	1.78
6025MHz	Pass	AV	12.07208G	43.61	54.00	-10.39	3	Vertical	201	1.50
6025MHz	Pass	PK	12.1244G	56.30	74.00	-17.70	3	Vertical	201	1.50
6025MHz	Pass	AV	12.06992G	43.63	54.00	-10.37	3	Horizontal	40	2.70
6025MHz	Pass	PK	12.14192G	56.84	74.00	-17.16	3	Horizontal	40	2.70
6185MHz	Pass	AV	12.4732G	43.99	54.00	-10.01	3	Vertical	274	1.50
6185MHz	Pass	PK	12.46168G	56.61	74.00	-17.39	3	Vertical	274	1.50
6185MHz	Pass	AV	12.46888G	44.08	54.00	-9.92	3	Horizontal	204	1.50
6185MHz	Pass	PK	12.35872G	56.39	74.00	-17.61	3	Horizontal	204	1.50
6345MHz	Pass	AV	12.699G	44.56	54.00	-9.44	3	Vertical	207	2.24
6345MHz	Pass	PK	12.69492G	57.57	74.00	-16.43	3	Vertical	207	2.24
6345MHz	Pass	AV	12.70245G	44.51	68.20	-23.69	3	Horizontal	138	1.50
6345MHz	Pass	PK	12.67926G	57.26	74.00	-16.74	3	Horizontal	138	1.50
6665MHz	Pass	AV	13.34389G	44.83	54.00	-9.17	3	Vertical	217	2.94
6665MHz	Pass	PK	13.32934G	58.09	74.00	-15.91	3	Vertical	217	2.94
6665MHz	Pass	AV	13.34341G	44.88	54.00	-9.12	3	Horizontal	12	1.42

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6665MHz	Pass	PK	13.32703G	58.12	74.00	-15.88	3	Horizontal	12	1.42
802.11be EHT320_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	AV	5.925G	53.86	68.20	-14.34	3	Vertical	0	1.67
6105MHz	Pass	AV	6.152G	98.19	Inf	-Inf	3	Vertical	0	1.67
6105MHz	Pass	PK	5.922G	65.02	88.20	-23.18	3	Vertical	0	1.67
6105MHz	Pass	PK	6.054G	110.67	Inf	-Inf	3	Vertical	0	1.67
6105MHz	Pass	AV	5.925G	54.04	68.20	-14.16	3	Horizontal	12	1.78
6105MHz	Pass	AV	6.246G	98.01	Inf	-Inf	3	Horizontal	12	1.78
6105MHz	Pass	PK	5.908G	65.94	88.20	-22.26	3	Horizontal	12	1.78
6105MHz	Pass	PK	6.054G	111.92	Inf	-Inf	3	Horizontal	12	1.78
6105MHz	Pass	AV	12.22371G	43.65	54.00	-10.35	3	Vertical	169	1.53
6105MHz	Pass	PK	12.22056G	57.65	74.00	-16.35	3	Vertical	169	1.53
6105MHz	Pass	AV	12.21993G	43.67	54.00	-10.33	3	Horizontal	108	1.23
6105MHz	Pass	PK	12.21924G	56.33	74.00	-17.67	3	Horizontal	108	1.23
6265MHz	Pass	AV	12.54497G	44.03	54.00	-9.97	3	Vertical	85	1.50
6265MHz	Pass	PK	12.54335G	56.80	74.00	-17.20	3	Vertical	85	1.50
6265MHz	Pass	AV	12.545G	44.15	54.00	-9.85	3	Horizontal	131	1.50
6265MHz	Pass	PK	12.54308G	57.19	74.00	-16.81	3	Horizontal	131	1.50

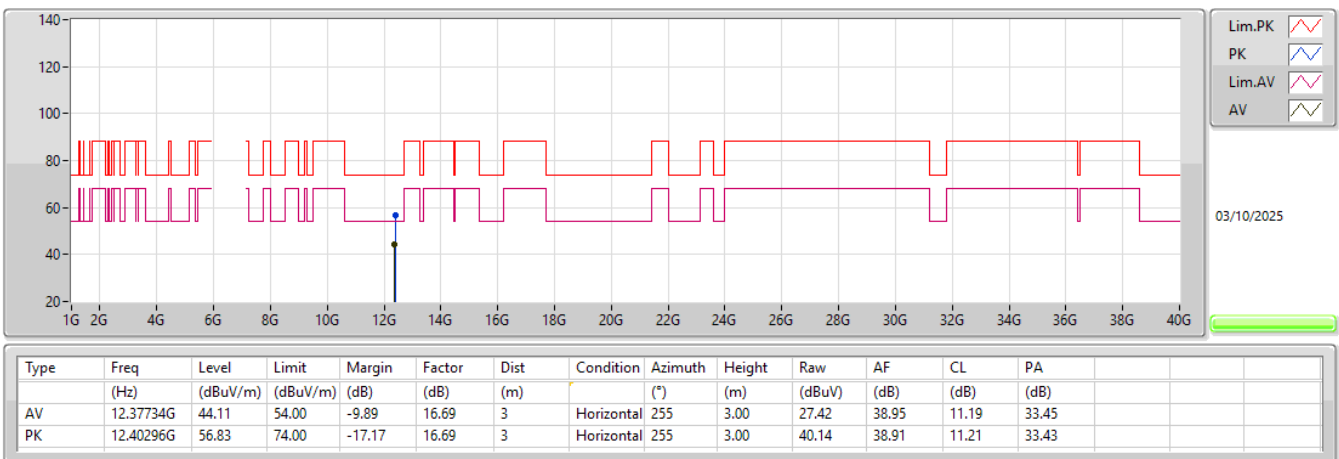
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6195MHz_TX



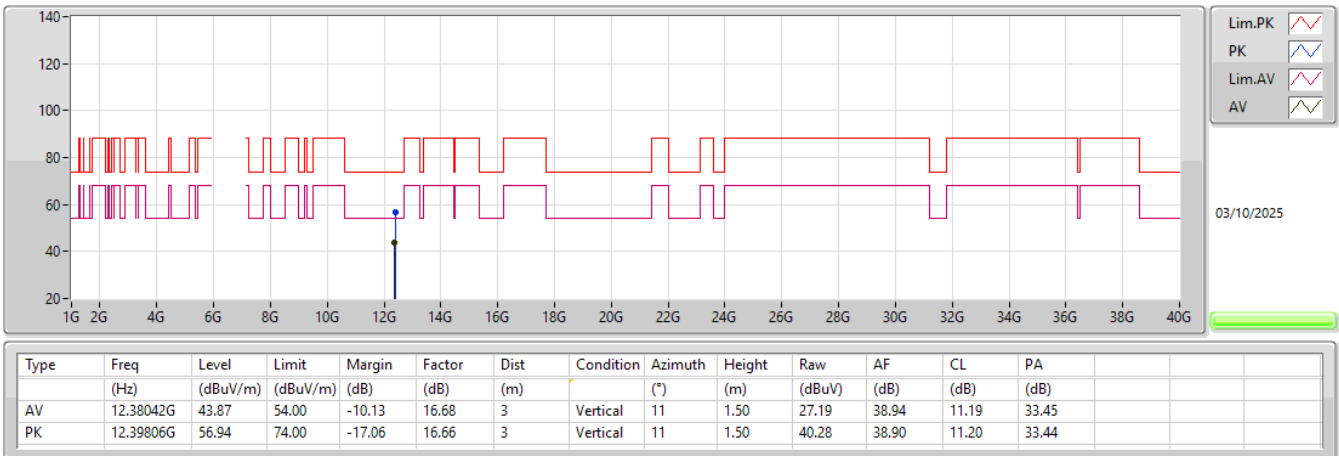
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6195MHz_TX



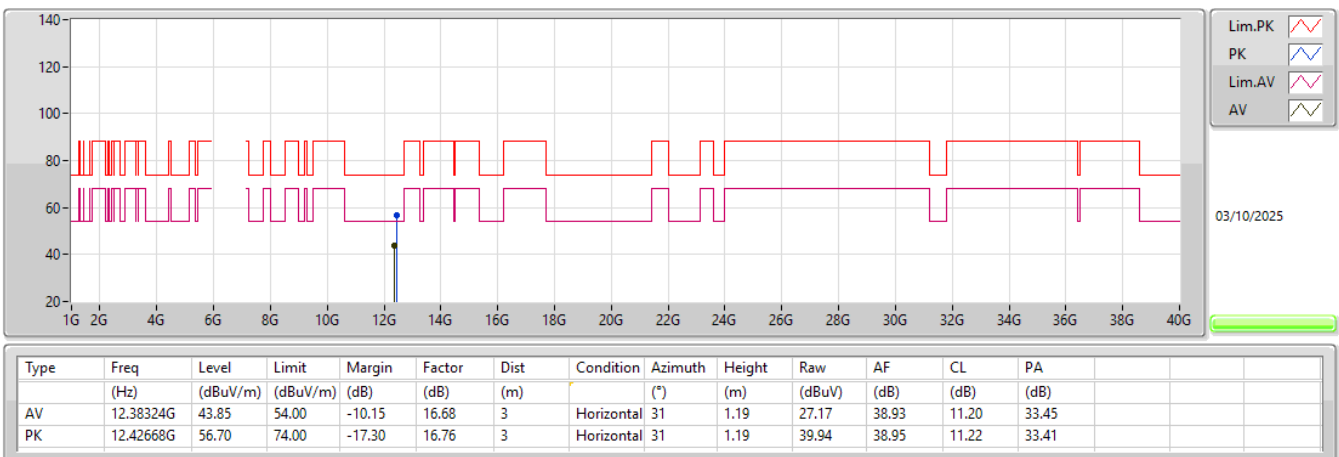
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6205MHz_TX



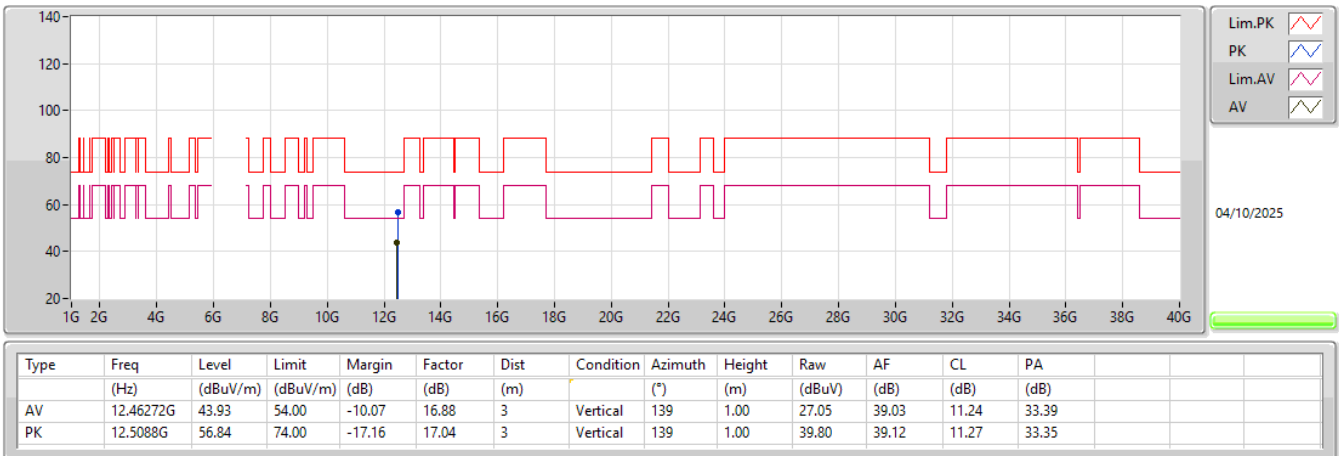
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6205MHz_TX



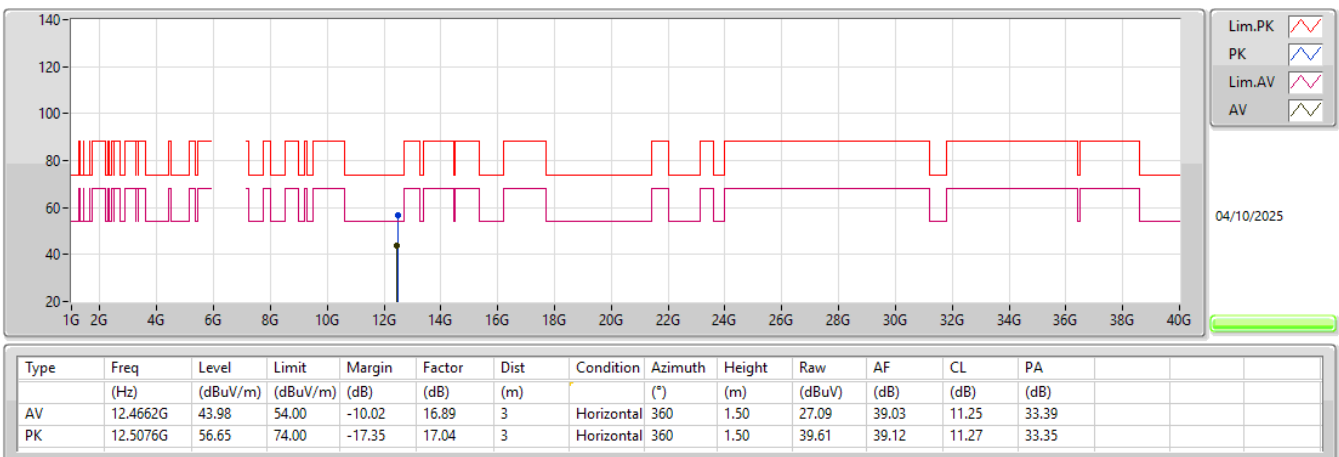
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6225MHz_TX



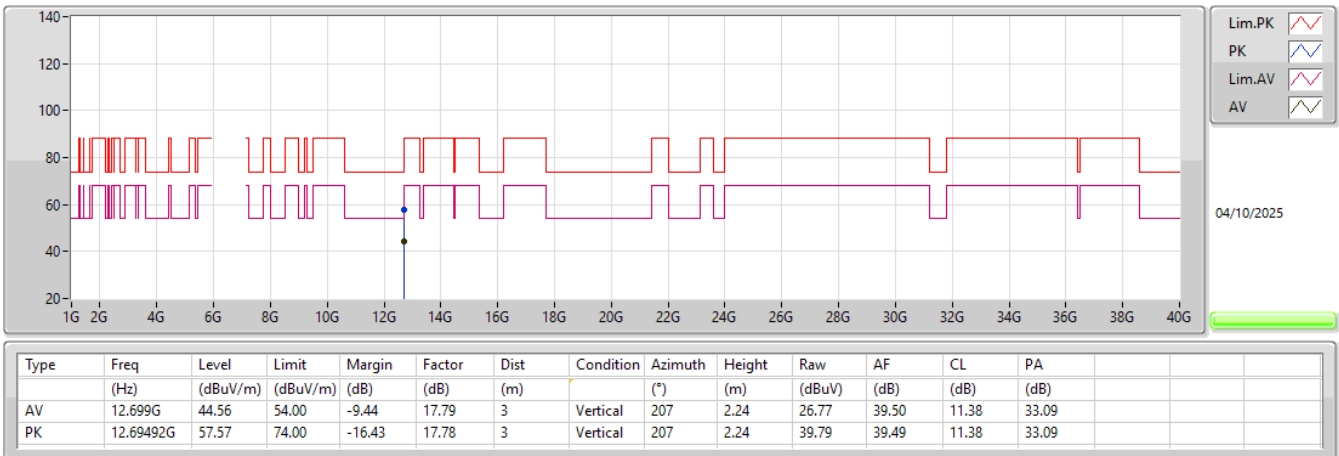
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6225MHz_TX



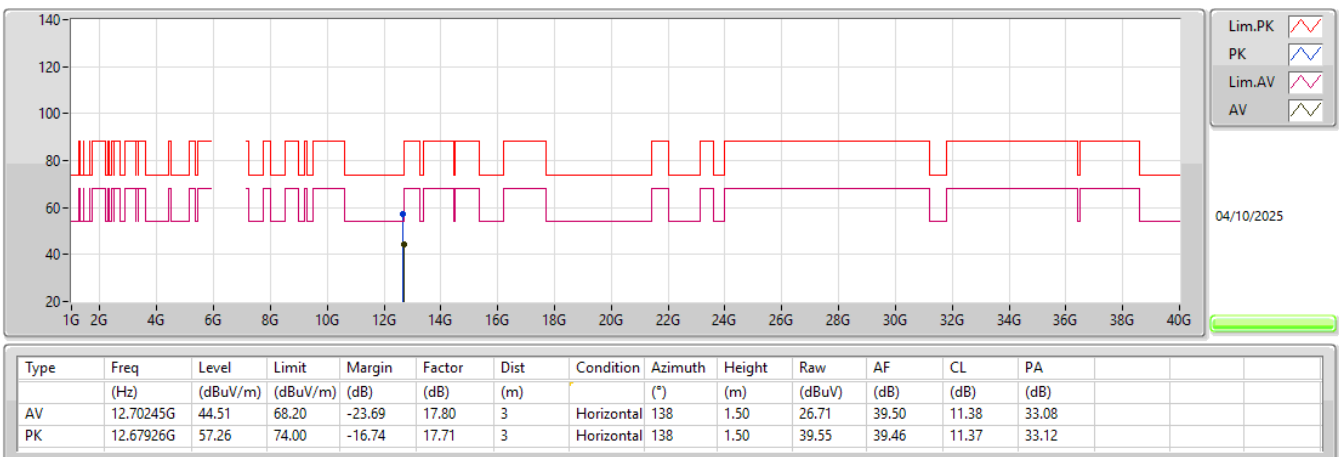
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6345MHz_TX



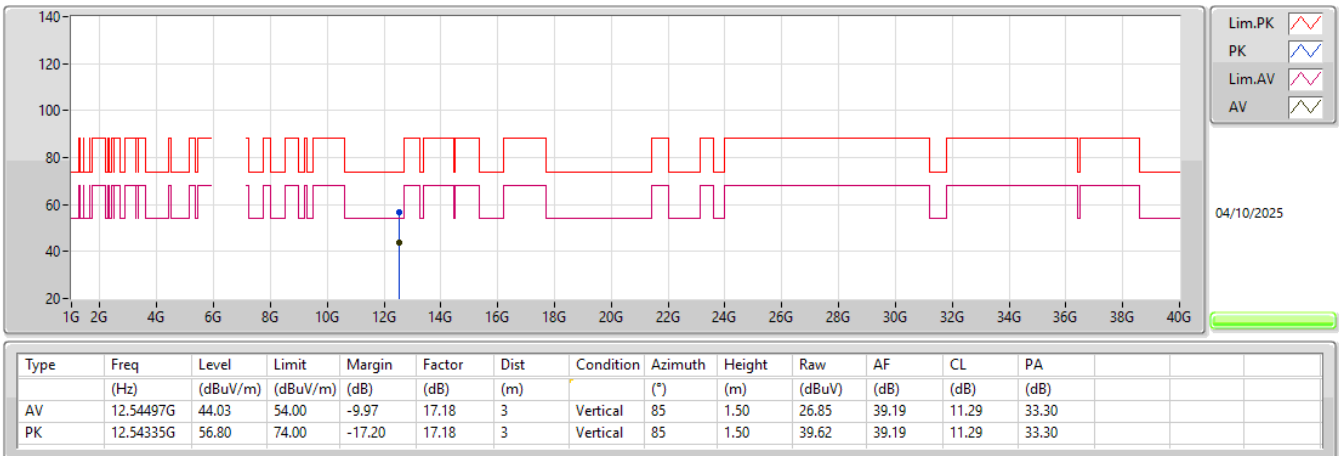
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6345MHz_TX



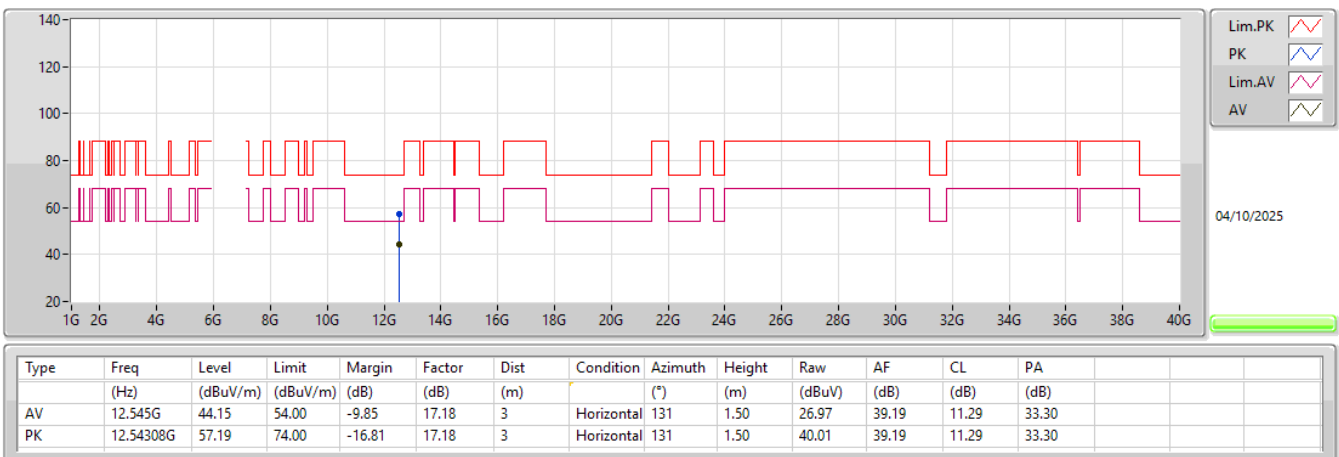
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6265MHz_TX



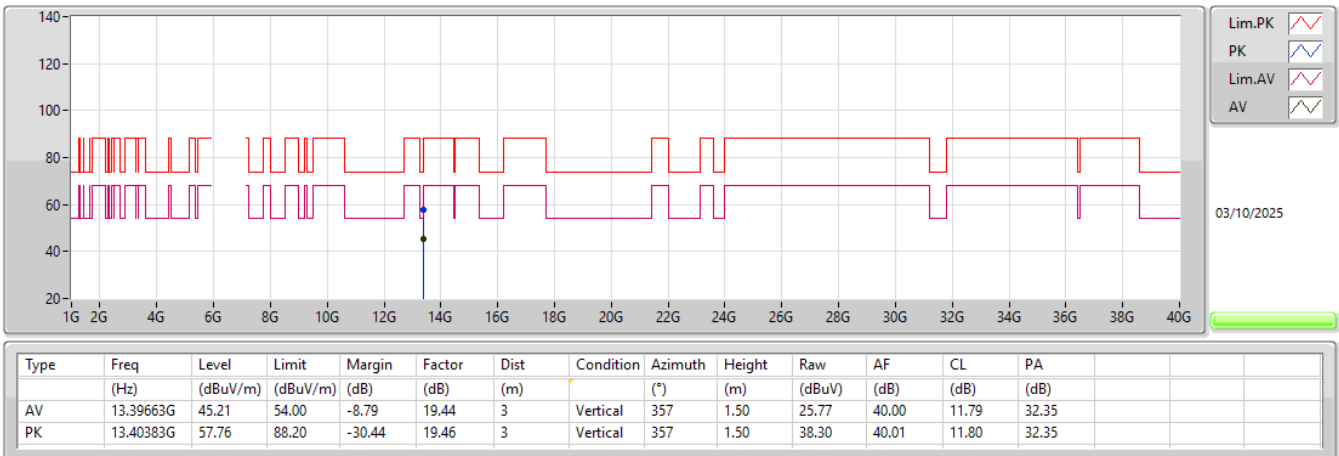
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6265MHz_TX



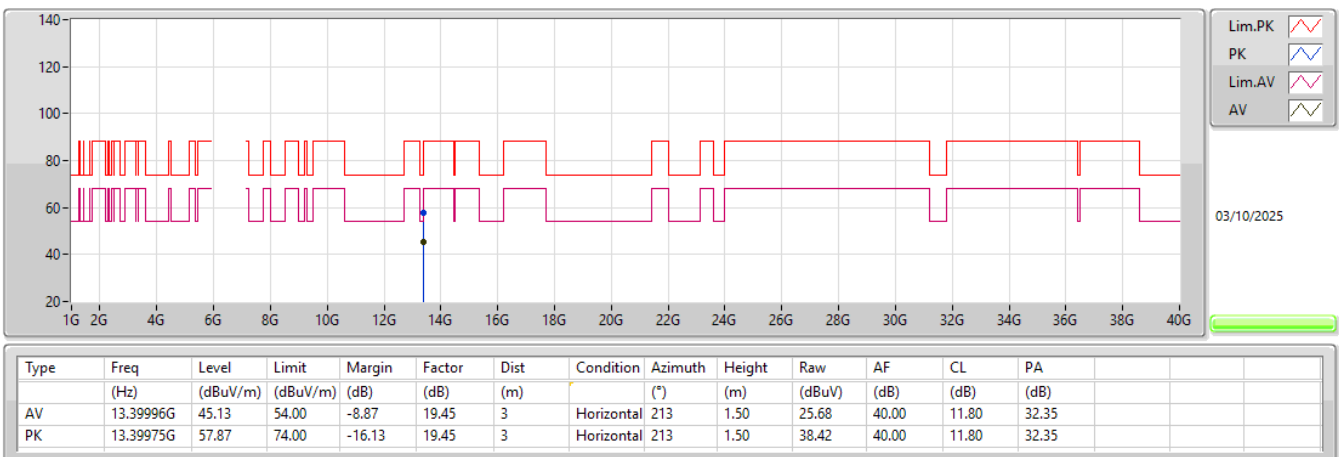
6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX

6695MHz_TX



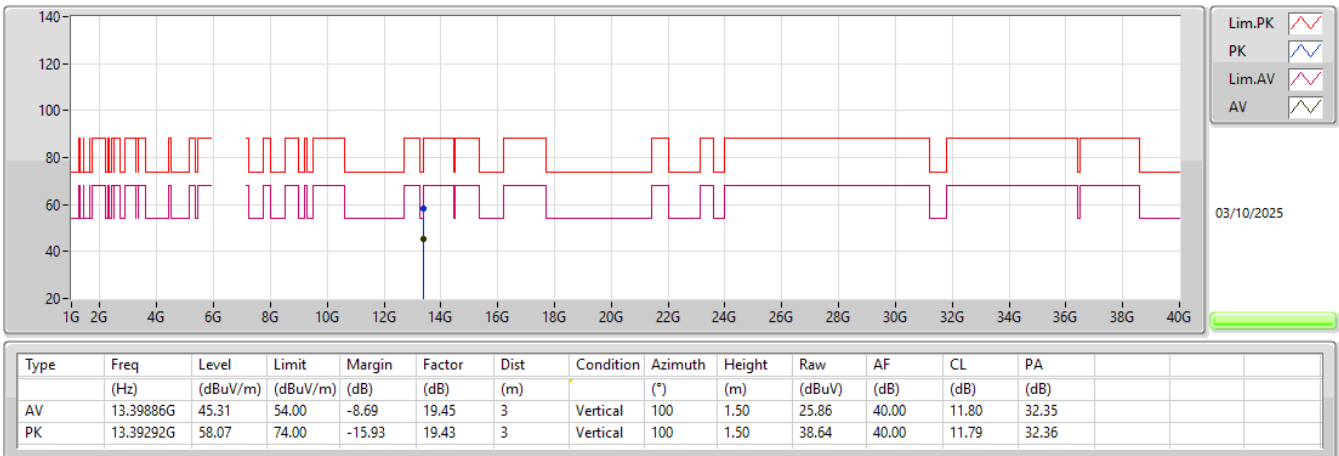
6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX

6695MHz_TX



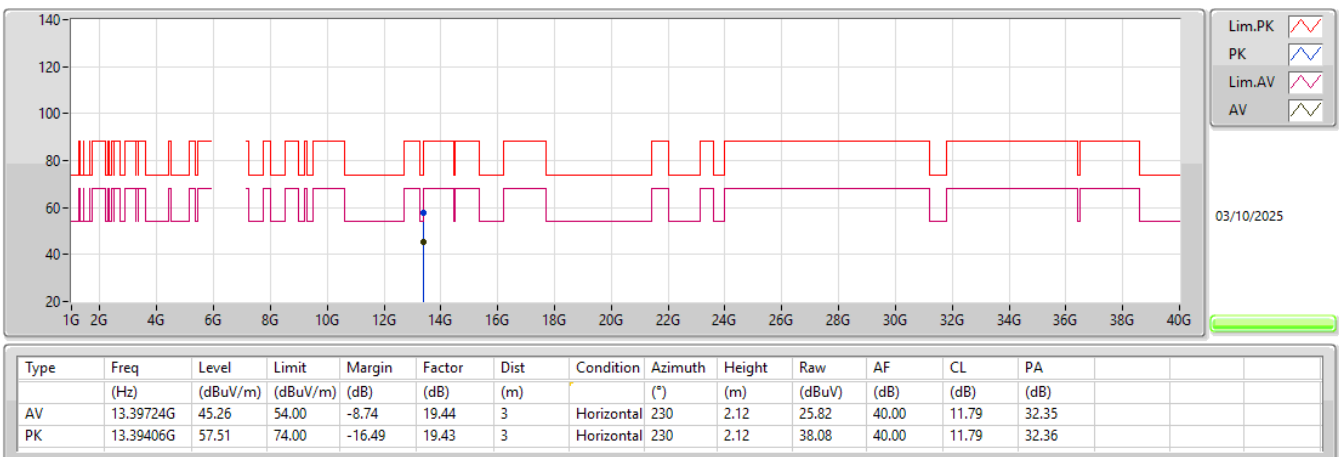
6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX

6685MHz_TX



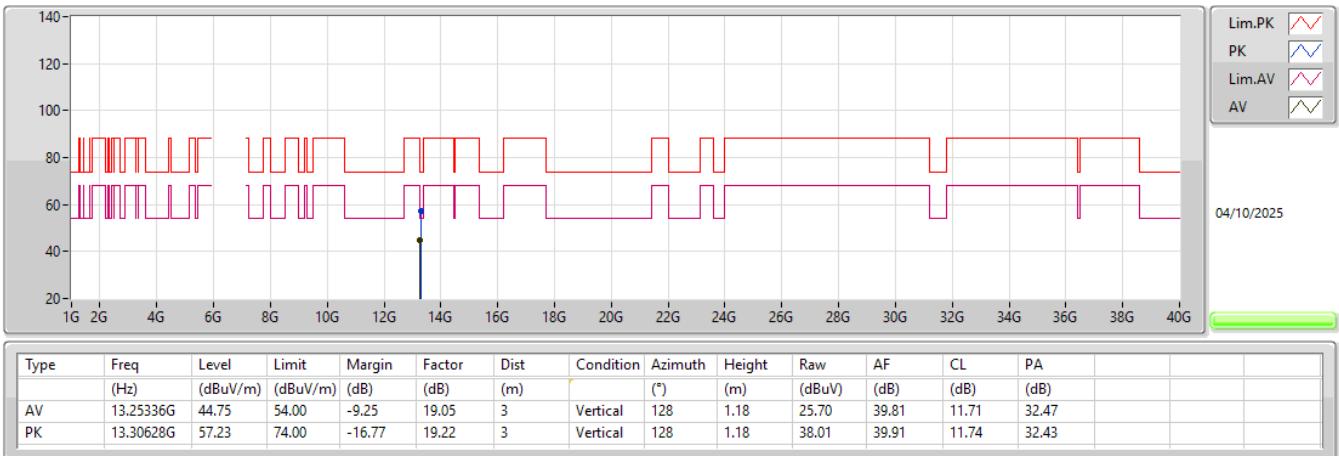
6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX

6685MHz_TX



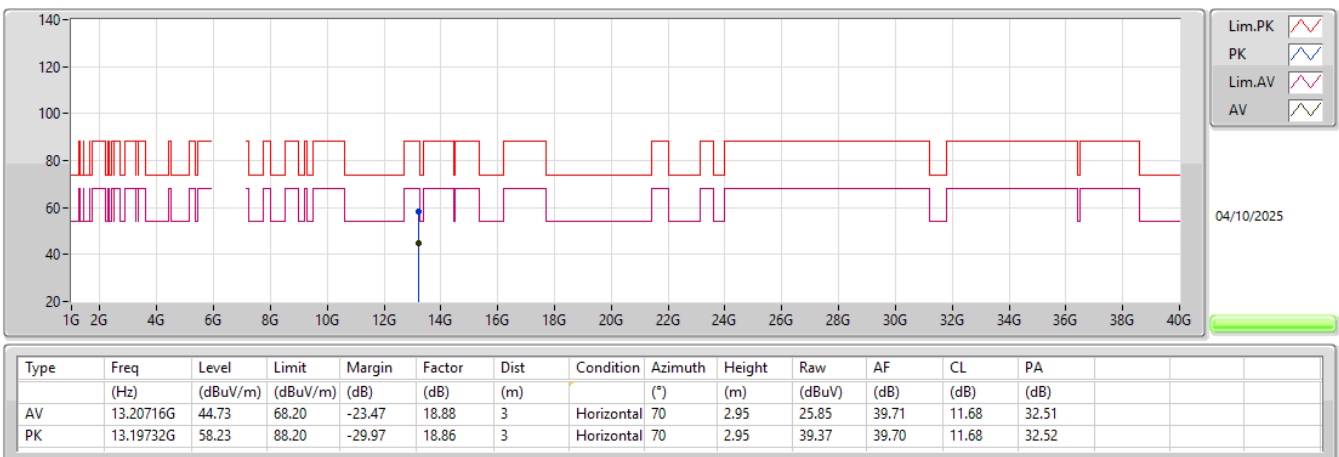
6.525-6.875GHz_802.11be EHT80_Nss4,(MCS0)_4TX

6625MHz_TX



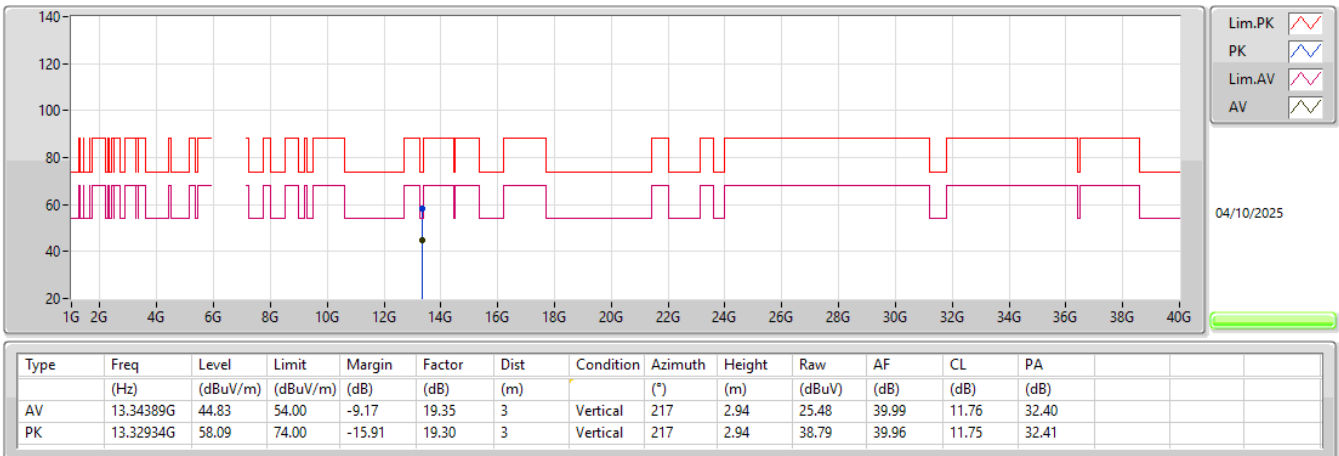
6.525-6.875GHz_802.11be EHT80_Nss4,(MCS0)_4TX

6625MHz_TX



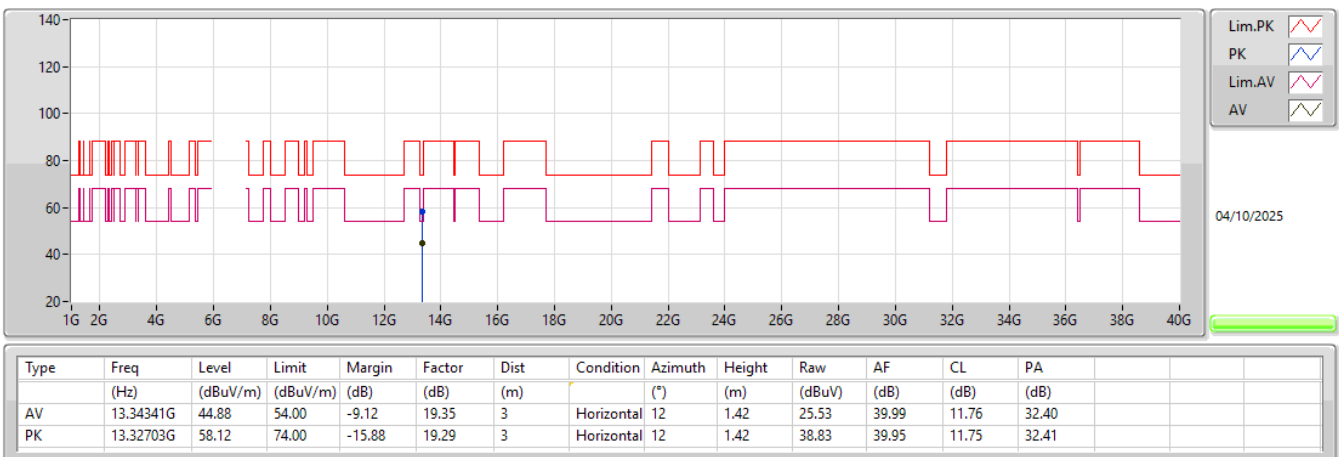
6.525-6.875GHz_802.11be EHT160_Nss4,(MCS0)_4TX

6665MHz_TX



6.525-6.875GHz_802.11be EHT160_Nss4,(MCS0)_4TX

6665MHz_TX





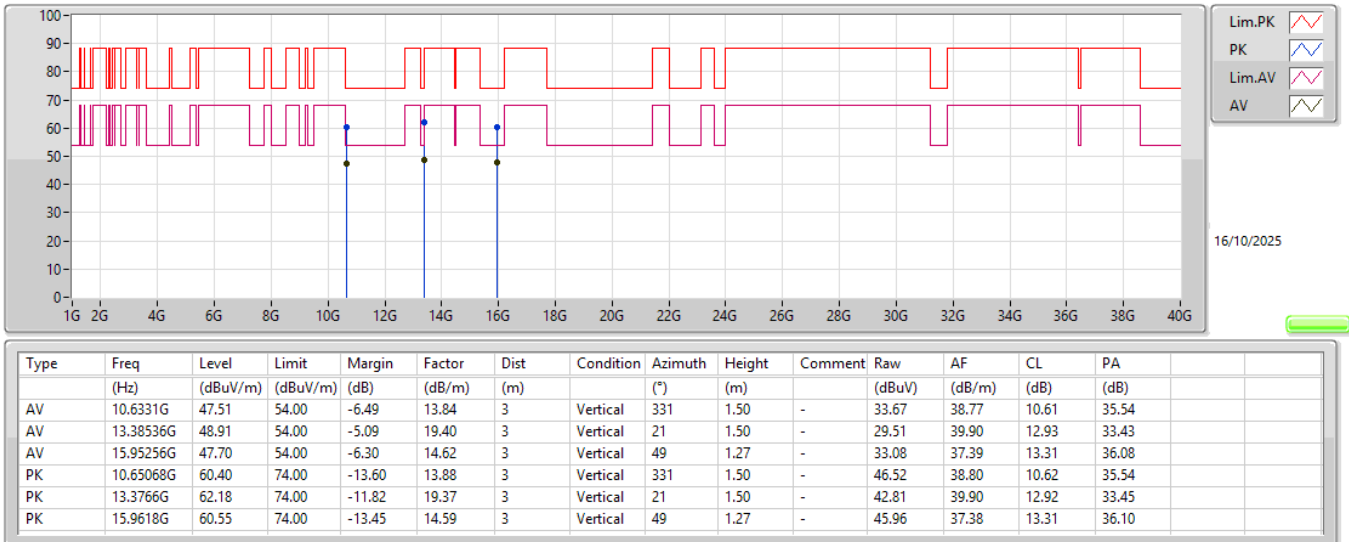
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	10.63988G	51.99	54.00	-2.01	Horizontal

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	10.6331G	47.51	54.00	-6.49	3	Vertical	331	1.50
Mode 1	Pass	AV	13.38536G	48.91	54.00	-5.09	3	Vertical	21	1.50
Mode 1	Pass	AV	15.95256G	47.70	54.00	-6.30	3	Vertical	49	1.27
Mode 1	Pass	PK	10.65068G	60.40	74.00	-13.60	3	Vertical	331	1.50
Mode 1	Pass	PK	13.3766G	62.18	74.00	-11.82	3	Vertical	21	1.50
Mode 1	Pass	PK	15.9618G	60.55	74.00	-13.45	3	Vertical	49	1.27
Mode 1	Pass	AV	10.63988G	51.99	54.00	-2.01	3	Horizontal	79	1.64
Mode 1	Pass	AV	13.38864G	49.10	54.00	-4.90	3	Horizontal	124	2.59
Mode 1	Pass	AV	15.94776G	47.68	54.00	-6.32	3	Horizontal	319	1.50
Mode 1	Pass	PK	10.63868G	64.01	74.00	-9.99	3	Horizontal	79	1.64
Mode 1	Pass	PK	13.38356G	62.08	74.00	-11.92	3	Horizontal	124	2.59
Mode 1	Pass	PK	15.96264G	59.95	74.00	-14.05	3	Horizontal	319	1.50

Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 1

