

TEST REPORT

Product : UGREEN Finder Slim 3
Trade mark : UGREEN
Model/Type reference : CM921
Serial Number : N/A
Report Number : EED32R81825403
FCC ID : 2AQI5-CM921
Date of Issue : Nov. 11, 2025
Test Standards : 47 CFR Part 15 Subpart C
Test result : PASS

Prepared for:

Ugreen Group Limited**Ugreen Building, Longcheng Industrial Park,
Longguanxi Road, Longhua, ShenZhen, China**

Prepared by:

Centre Testing International Group Co., Ltd.**Hongwei Industrial Park, Zone 70, Bao'an District,
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Date:

Nov. 11, 2025



Check No.:1517280925

1 Test Summary

Test Item	Test Requirement	Test method	Result
Antenna Requirement	47 CFR Part 15 Subpart C Section 15.203	ANSI C63.10:2013	PASS
AC Power Line Conducted Emission	47 CFR Part 15 Subpart C Section 15.207	ANSI C63.10:2013	N/A
Radiated Emissions	47 CFR Part 15 Subpart C Section 15.209	ANSI C63.10:2013	PASS

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3 General Information

3.1 Client Information

Applicant:	Ugreen Group Limited
Address of Applicant:	Ugreen Building, Longcheng Industrial Park, Longguanxi Road, Longhua, ShenZhen, China
Manufacturer:	Ugreen Group Limited
Address of Manufacturer:	Ugreen Building, Longcheng Industrial Park, Longguanxi Road, Longhua, ShenZhen, China
Factory:	Huizhou Zhize Technology Co., Ltd
Address of Factory:	No.1,Nantang Road, Chenjiang Street, Zhongkai High-tech Zone, Huizhou City (Factory Building No.5)

3.2 General Description of EUT

Product Name:	UGREEN Finder Slim 3						
Model No.:	CM921						
Trade Mark:	UGREEN						
Device type:	Desktop applications device						
Frequency Range:	105kHz-148.5kHz						
Center Frequency:	128kHz						
Modulation Type:	ASK						
Antenna Type:	Coil Antenna						
Power Supply:	Wireless output: 5W						
Test Power Grade:	Default						
Sample Received Date:	Oct. 14, 2025						
Sample tested Date:	Oct. 14, 2025 to Oct. 23, 2025						
Remark: - Product Number (P/N) code in the below table, for marketing purpose, will be marked on the marking plate.							
75121	75121EU	75121UK	75121US	75121JP	75121CN	75121KC	75121A
75121B	75121C	75121D	75121E	75121F	75121P	75121P1	75121P2
75121P3	75121X	75121U	KC-75121				

3.3 Test Environment and Mode

Operating Environment:	
Radiated Spurious Emissions:	
Temperature:	22~25.0 °C
Humidity:	50~55 % RH
Atmospheric Pressure:	1010mbar
Conducted Emissions:	
Temperature:	22~25.0 °C
Humidity:	50~55 % RH
Atmospheric Pressure:	1010mbar
Test mode:Transmitting mode	
Mode a:	Wireless charging mode(Null load)(Connect to adapter)
Mode b:	Wireless charging mode(Full load)(Connect to adapter)
Note: 1.Wireless output:2.5W; 2.Through Pre-scan,when EUT power by DC 3.0V was the worst case, only the worst case data was recorded in the report.	

3.4 Description of Support Units

The EUT has been tested with associated equipment below.

1) support equipment

Description	Manufacturer	Model No.	Certification	Supplied by
2-in-1 Magnetic Wireless Charger	Ugreen	W706	FCC ID and sDOC (FCC ID:2AQI5-W706, IC:26850-W706)	Client
AC adapter	MI	/	FCC sDOC	CTI

3.5 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Hongwei Industrial Park, Zone 70, Bao'an District, Shenzhen, Guangdong, China

Telephone: +86 (0) 755 33683668 Fax:+86 (0) 755 33683385

No tests were sub-contracted.

FCC Designation No.: CN1164, Test Firm Registration No.: 260439

3.6 Deviation from Standards

None.

3.7 Abnormalities from Standard Conditions

None.

3.8 Other Information Requested by the Customer

None.

3.9 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Radio Frequency	7.9×10^{-8}
2	RF power, conducted	0.46dB (30MHz-1GHz)
		0.55dB (1GHz-18GHz)
3	Radiated Spurious emission test	3.3dB (9kHz-30MHz)
		4.3dB (30MHz-1GHz)
		4.5dB (1GHz-12.75GHz)
4	Conduction emission	3.5dB (9kHz to 150kHz)
		3.1dB (150kHz to 30MHz)
5	Temperature test	0.64°C
6	Humidity test	3.8%
7	DC power voltages	0.026%

Equipment List

3M Semi-anechoic Chamber (2)- Radiated disturbance Test					
Equipment	Manufacturer	Model No.	Serial Number	Cal. date	Cal. Due date
				(mm-dd-yyyy)	(mm-dd-yyyy)
3M Chamber & Accessory Equipment	TDK	SAC-3	---	01/13/2024	01/12/2027
Receiver	R&S	ESCI7	100938-003	09/03/2025	09/02/2026
Spectrum Analyzer	R&S	FSV40	101200	08/11/2025	08/10/2026
TRILOG Broadband Antenna	schwarzbeck	VULB 9163	9163-618	05/14/2025	05/13/2026
Loop Antenna	Schwarzbeck	FMZB 1519B	1519B-076	04/07/2025	04/06/2026
Microwave Preamplifier	Tonscend	EMC051845SE	980380	12/05/2024	12/04/2025
Horn Antenna	A.H.SYSTEMS	SAS-574	374	07/02/2023	07/01/2026
Horn Antenna	ETS-LINGREN	BBHA 9120D	9120D-1869	04/07/2025	04/06/2026
Preamplifier	Agilent	11909A	12-1	03/03/2025	03/02/2026
Preamplifier	CD	PAP-1840-60	6041.6042	05/26/2025	05/25/2026
Test software	Fara	EZ-EMC	EMEC-3A1-Pre	---	---
Cable line	Fulai(7M)	SF106	5219/6A	01/13/2024	01/12/2027
Cable line	Fulai(6M)	SF106	5220/6A	01/13/2024	01/12/2027
Cable line	Fulai(3M)	SF106	5216/6A	01/13/2024	01/12/2027
Cable line	Fulai(3M)	SF106	5217/6A	01/13/2024	01/12/2027

4 Test results and Measurement Data

4.1 Antenna Requirement

Standard requirement:	47 CFR Part 15C Section 15.203
15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.	
EUT Antenna:	Please see Internal photos
The antenna is Coil antenna and no consideration of replacement.	

4.2 Radiated Emissions

Test Requirement: 47 CFR Part 15C Section 15.231(b) and 15.209

Test Method: ANSI C63.10 2020

Test Site: Measurement Distance: 3m (Semi-Anechoic Chamber)

Receiver Setup:

Frequency	Detector	RBW	VBW	Remark
0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak
0.009MHz-0.090MHz	Average	10kHz	30kHz	Average
0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak
0.110MHz-0.490MHz	Average	10kHz	30kHz	Average
0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak

Test Setup:

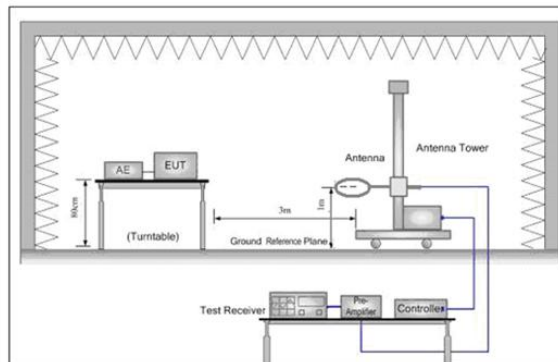


Figure . Below 30MHz

Test Procedure:

Below 1GHz test procedure as below:

- The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

Limit:
(Spurious
Emissions)

Frequency	Field strength (microvolt/meter)	Limit (dBμV/m)	Remark	Measurement distance (m)
0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
1.705MHz-30MHz	30	-	-	30

Note: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.

Test Mode:

Transmitting mode, refer to section 4.3

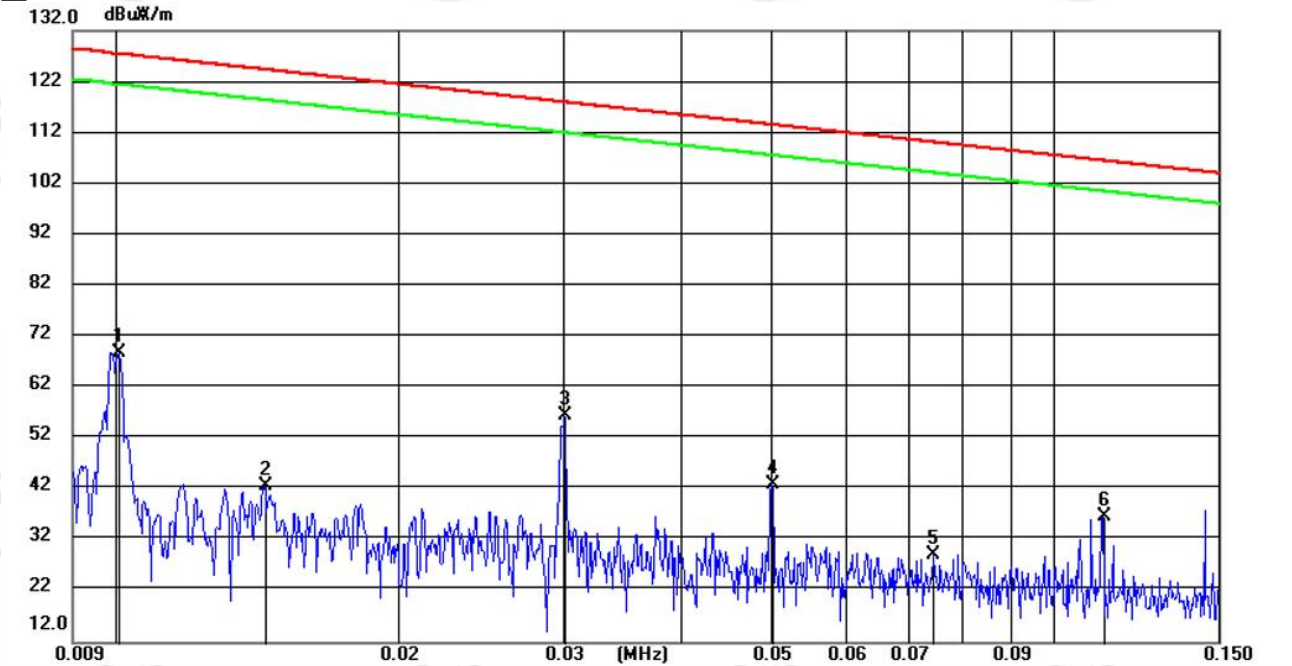
Test Results:

Pass

9kHz~150kHz:

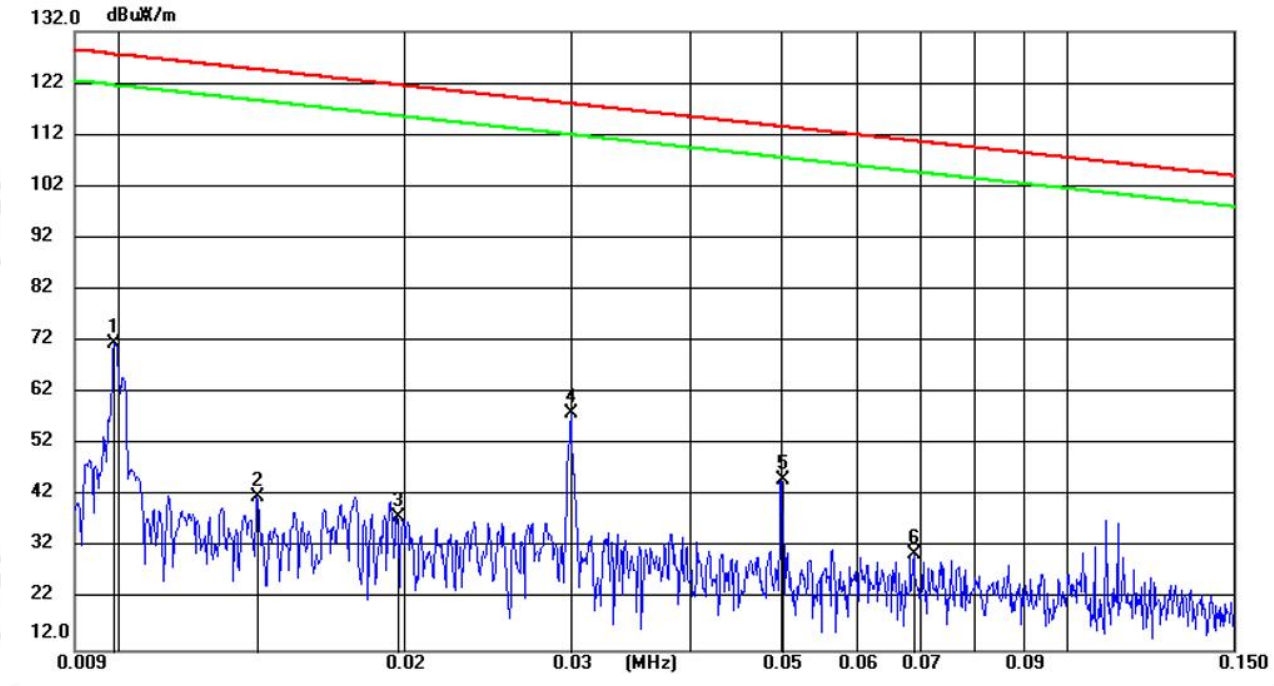
Measurement Data (Mode b):

X:



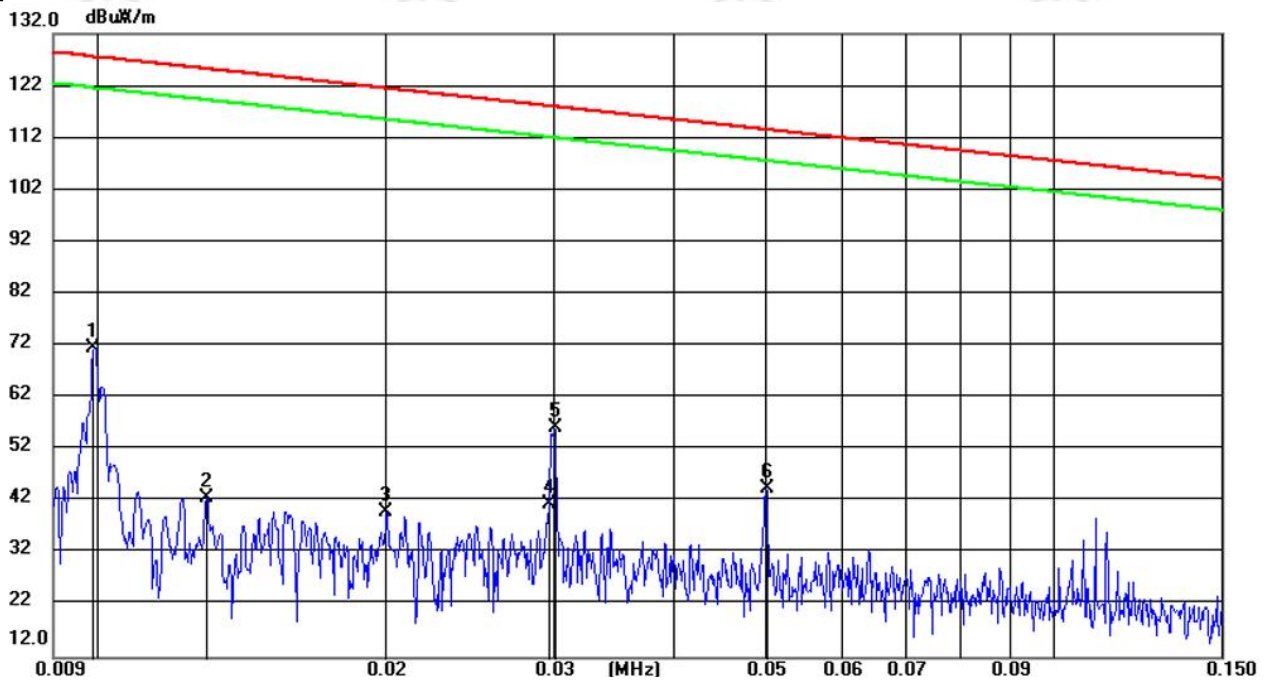
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	0.0101	47.69	21.30	68.99	127.41	-58.42	QP		
2		0.0144	21.50	21.10	42.60	124.33	-81.73	QP		
3		0.0301	35.55	20.92	56.47	117.95	-61.48	QP		
4		0.0501	22.12	20.90	43.02	113.54	-70.52	QP		
5		0.0744	8.55	20.82	29.37	110.12	-80.75	QP		
6		0.1129	15.76	20.85	36.61	106.51	-69.90	QP		

Y:



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	0.0099	50.33	21.31	71.64	127.58	-55.94	QP		
2		0.0140	20.63	21.11	41.74	124.58	-82.84	QP		
3		0.0197	17.14	20.93	38.07	121.62	-83.55	QP		
4		0.0300	37.06	20.92	57.98	117.98	-60.00	QP		
5		0.0501	24.40	20.90	45.30	113.54	-68.24	QP		
6		0.0690	10.06	20.83	30.89	110.77	-79.88	QP		

Z:



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	0.0099	50.32	21.31	71.63	127.58	-55.95	QP			
2		0.0130	21.61	21.17	42.78	125.22	-82.44	QP			
3		0.0200	19.20	20.93	40.13	121.49	-81.36	QP			
4		0.0297	20.50	20.92	41.42	118.07	-76.65	QP			
5		0.0301	35.44	20.92	56.36	117.95	-61.59	QP			
6		0.0501	23.66	20.90	44.56	113.54	-68.98	QP			

Remark:

1. According ANSI C63.10-2013 chapter 6.4.6, We tested the parallel, perpendicular, and ground-parallel of loop antenna, and was recorded the worst parallel data of loop antenna in the report.
2. The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

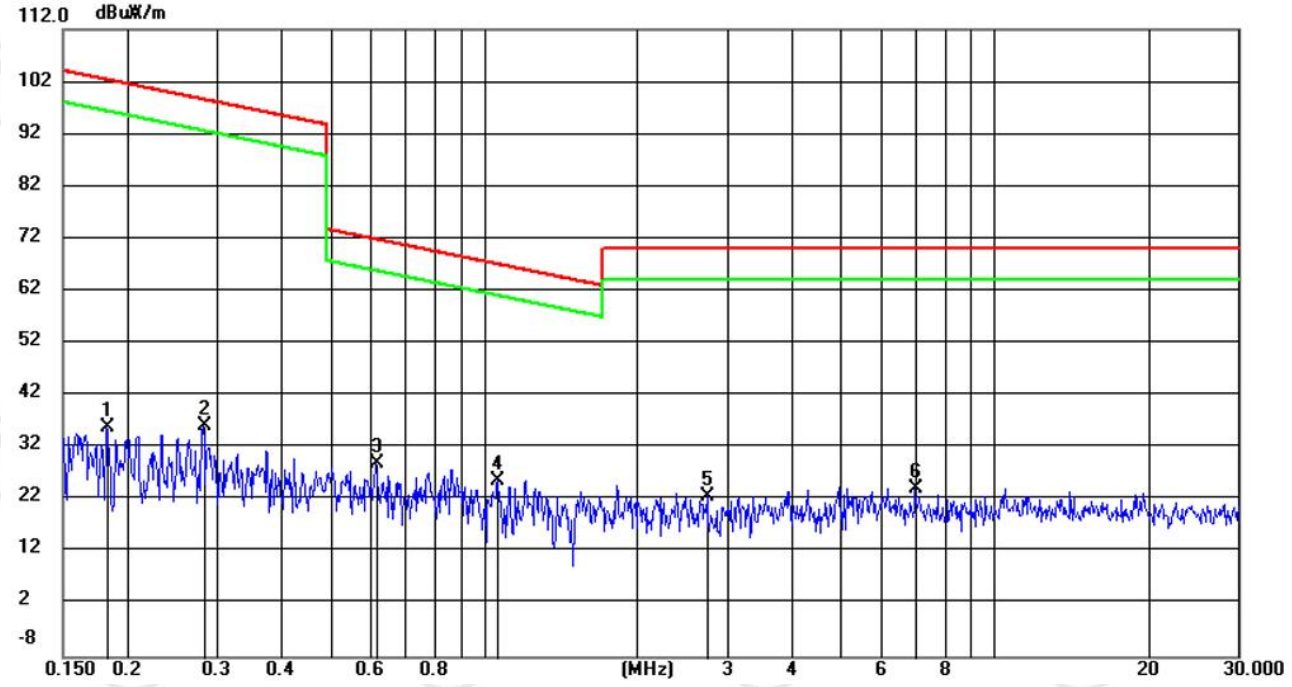
$$\text{Final Test Level} = \text{Receiver Reading} - \text{Correct Factor}$$

$$\text{Correct Factor} = \text{Preamplifier Factor} - \text{Antenna Factor} - \text{Cable Factor}$$
3. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning of horizontal which it is the worst case.

150kHz~30MHz:

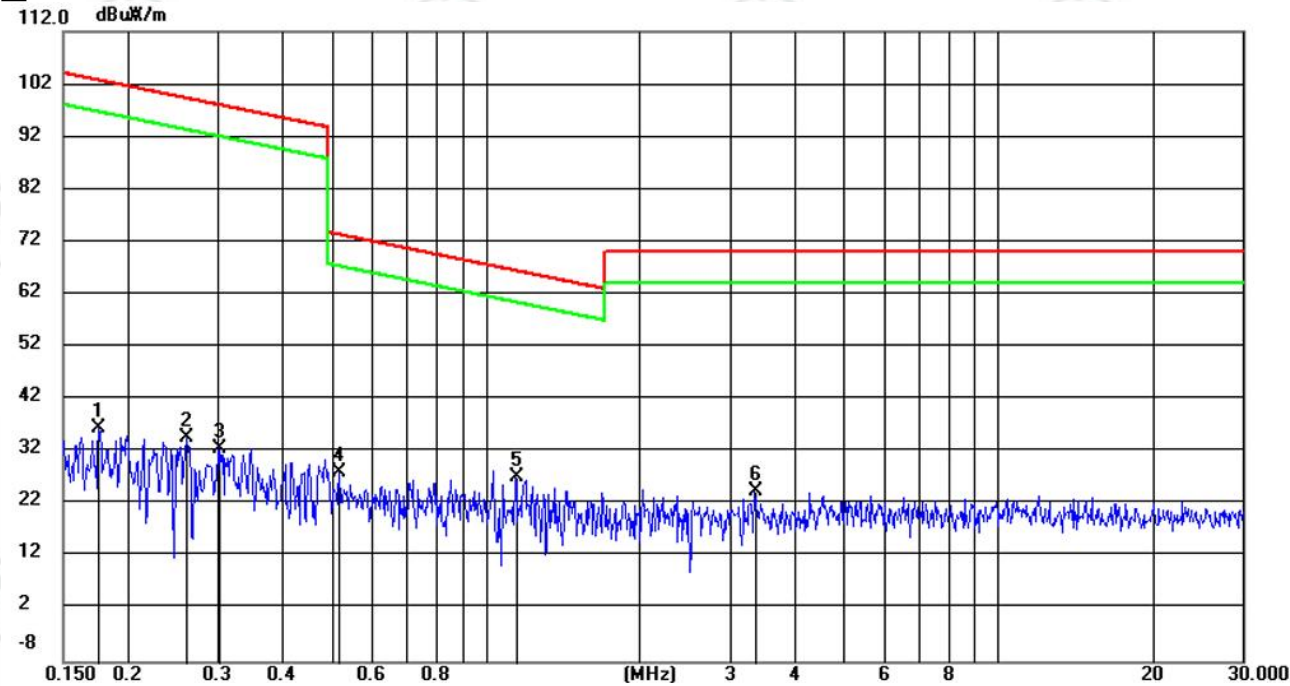
Measurement Data (Mode b):

X:

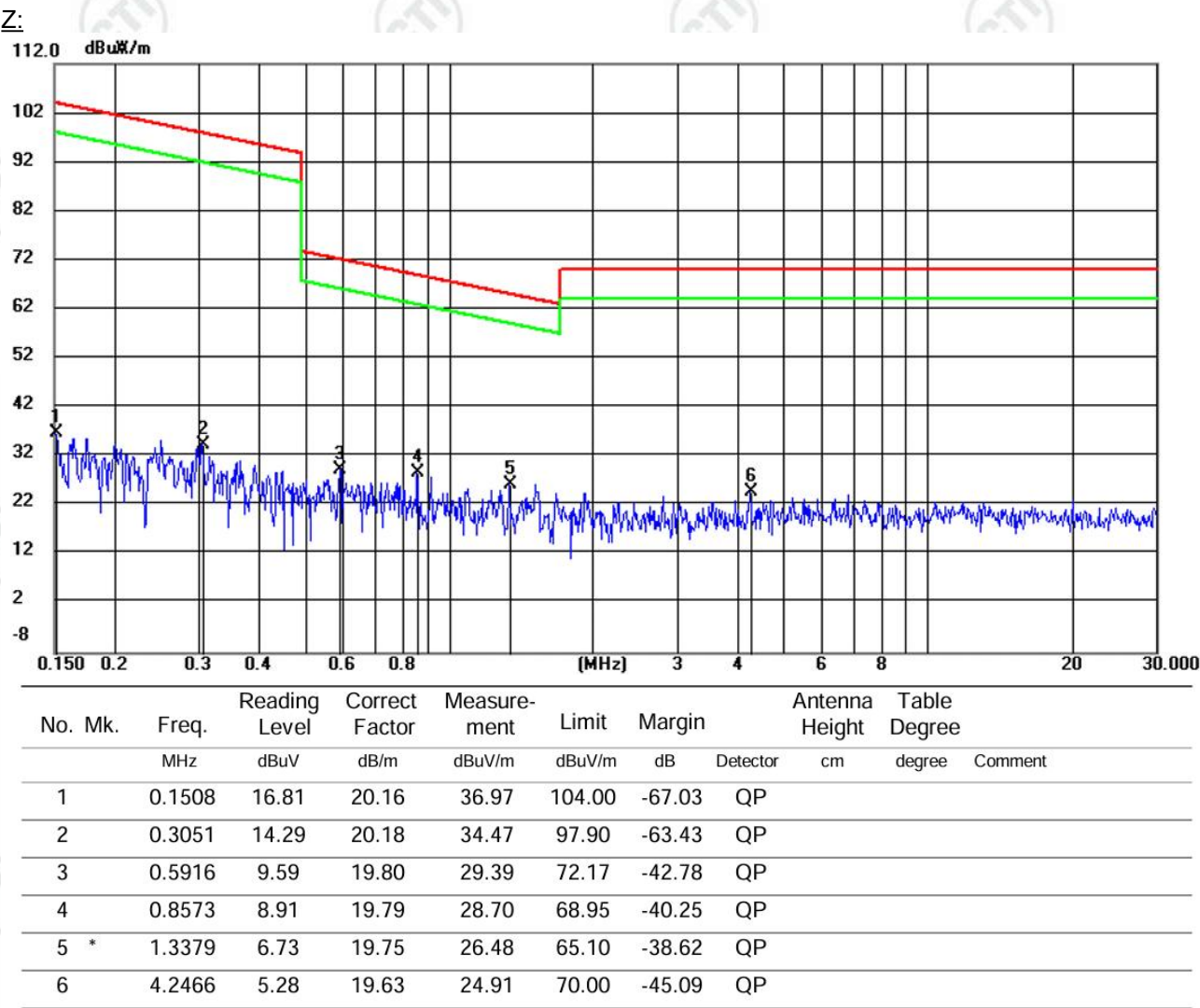


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	
1		0.1825	15.01	20.96	35.97	102.35	-66.38	QP		
2		0.2818	15.33	20.98	36.31	98.59	-62.28	QP		
3		0.6140	8.49	20.54	29.03	71.85	-42.82	QP		
4	*	1.0653	5.23	20.49	25.72	67.07	-41.35	QP		
5		2.7356	2.35	20.42	22.77	70.00	-47.23	QP		
6		6.9878	3.97	20.41	24.38	70.00	-45.62	QP		

Y:



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	
1		0.1758	15.46	20.95	36.41	102.67	-66.26	QP		
2		0.2615	13.77	21.01	34.78	99.24	-64.46	QP		
3		0.3003	11.79	20.94	32.73	98.04	-65.31	QP		
4		0.5181	7.56	20.55	28.11	73.32	-45.21	QP		
5	*	1.1413	6.62	20.49	27.11	66.48	-39.37	QP		
6		3.3458	4.26	20.41	24.67	70.00	-45.33	QP		



Remark:

- 1.According ANSI C63.10-2013 chapter 6.4.6,We tested the parallel,perpendicular,and ground-parallel of loop antenna,and was recorded the worst parallel data of loop antenna in the report.
- 2.The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level =Receiver Reading - Correct Factor
Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor
- 3.The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning of horizontal which it is the worst case.

APPENDIX 2 PHOTOGRAPHS OF EUT

Refer to Report No. EED32R81825401 for EUT external and internal photos.

Statement

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule stated in ILAC-G8:09/2019/CNAS-GL015:2022;
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*** End of Report ***