

TEST REPORT

Product : Wireless Charger
Trade mark : HAGiBiS
Model/Type reference : WXC01, WXC02, WXC03, WXC04,
WXC05, WXC06, WXC07, WXC08,
WXC09, WXC10
Serial Number : N/A
Report Number : EED32S810542
FCC ID : 2AS3L-HBSKJ-WXC
Date of Issue : Jun. 24, 2026
Test Standards : 47 CFR Part 15 Subpart C
Test result : PASS

Prepared for:

Shanghai Xinxie Industrial Co., Ltd.
Unit 109, Building 15, 218 Huting North Road, Songjiang District,
Shanghai

Prepared by:

Centre Testing International Group Co., Ltd.
Building C, Hongwei Industrial Park Block 70, Bao'an District,
Shenzhen, China
TEL: +86-755-3368 3668
FAX: +86-755-3368 3385



Compiled by:

Win Wei

Reviewed by:

Keven Tan.

Approved by:

Aaron Ma

Date:

Keven Tan
Jun. 24, 2026

Aaron Ma

Check No.: 2748130526

1 Test Summary

Test Item	Test Requirement	Test method	Result
Antenna Requirement	47 CFR Part 15 Subpart C Section 15.203	ANSI C63.10-2020	PASS
AC Power Line Conducted Emission	47 CFR Part 15 Subpart C Section 15.207	ANSI C63.10-2020	PASS
Radiated Emissions	47 CFR Part 15 Subpart C Section 15.209	ANSI C63.10-2020	PASS
99% Occupied Bandwidth & 20dB Bandwidth	47 CFR Part 15 Subpart C Section 15.215	ANSI C63.10-2020	PASS

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3 General Information

3.1 Client Information

Applicant:	Shanghai Xinxie Industrial Co., Ltd.
Address of Applicant:	Unit 109, Building 15, 218 Huting North Road, Songjiang District, Shanghai
Manufacturer:	Hagibis (Shanghai) Technology Co., Ltd.
Address of Manufacturer:	Room 207, 2nd Floor, Building 3, No. 1000 Jiujiang Road, Jiuting Town, Songjiang District, Shanghai

3.2 General Description of EUT

Product Name:	Wireless Charger	
Model No.:	WXC01, WXC02, WXC03, WXC04, WXC05, WXC06, WXC07, WXC08, WXC09, WXC10	
Test Model No.:	WXC01	
Model difference:	They have same electrical, PCB and layout, only the model name are different for marketing requirements.	
Trade mark:	HAGiBiS	
Sample Type:	☐ Mobile ☐ Portable ☒ Fix Location	
Frequency Range:	111-148.5kHz	
Modulation Type:	ASK	
Antenna Type:	Coil antenna	
Power Supply:	USB port:	DC 5.0V/DC 9.0V/DC 12.0V/DC 15.0V
Test Voltage:	DC 5.0V/DC 9.0V/DC 12.0V/DC 15.0V	
Sample Received Date:	May 13, 2026	
Sample tested Date:	May 13, 2026 to Jun. 02, 2026	

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(Unloaded)(Connect to adapter)
Mode b:	Wireless charging mode(Loaded 5W)(Connect to adapter)
Mode c:	Wireless charging mode(Loaded 7.5W)(Connect to adapter)
Mode d:	Wireless charging mode(Loaded 15W)(Connect to adapter)
Mode e:	Wireless charging mode(Loaded 25W)(Connect to adapter)
Note:	
1.Wireless output:5W,7.5W,15W,25W(maximum wireless output 25W during charging)	

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
Intelligent wireless charging full function test kit	YBZ	/	FCC SDOC	Client

3.5 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Building C, Hongwei Industrial Park Block 70, Bao'an District, Shenzhen, 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 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-150kHz)
		3.1dB (150kHz-30MHz)
5	Temperature test	0.64°C
6	Humidity test	3.8%
7	DC power voltages	0.026%

4 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	ESC17	100938-003	09/03/2025	09/02/2026
TRILOG Broadband Antenna	schwarzbeck	VULB 9163	9163-618	05/11/2026	05/10/2027
Loop Antenna	Schwarzbeck	FMZB 1519B	1519B-076	03/29/2026	03/28/2027
Microwave Preamplifier	Tonscend	EMC051845SE	980380	11/25/2025	11/24/2026
Horn Antenna	A.H.SYSTEMS	SAS-574	374	07/02/2023	07/01/2026
Horn Antenna	ETS-LINGREN	BBHA 9120D	9120D-1869	03/31/2026	03/30/2027
Preamplifier	Agilent	11909A	12-1	02/06/2026	02/05/2027
Preamplifier	CD	PAP-1840-60	6041.6042	05/16/2026	05/15/2027
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

Conducted disturbance Test					
Equipment	Manufacturer	Model No.	Serial Number	Cal. date	Cal. Due date
				(mm-dd-yyyy)	(mm-dd-yyyy)
Receiver	R&S	ESCI	100435	04-07-2026	04-06-2027
Temperature/ Humidity Indicator	Defu	TH128	/	03-24-2026	03-23-2027
LISN	R&S	ENV216	100098	09-13-2025	09-12-2026
Barometer	changchun	DYM3	1188	---	---
Test software	Fara	EZ-EMC	EMC-CON 3A1.1	---	---
Capacitive voltage probe	Schwarzbeck	CVP 9222C	00124	06-07-2025 06-10-2026	06-06-2026 06-09-2027
ISN	TESEQ	ISN T800	30297	11-24-2025	11-23-2026

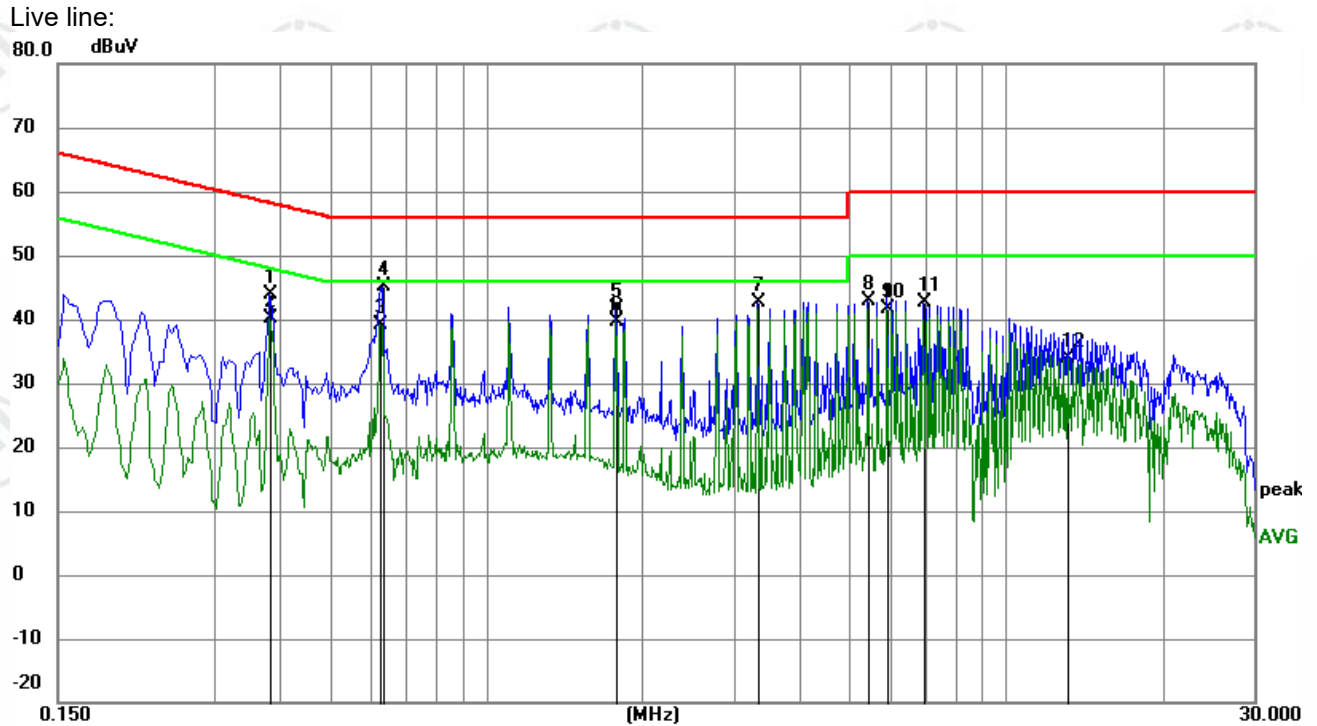
5 Test results and Measurement Data

5.1 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.	

Hotline:400-6788-333 www.cti-cert.com E-mail:info@cti-cert.com Complaint call:0755-33681700 Complaint E-mail:complaint@cti-cert.com

Measurement Data :



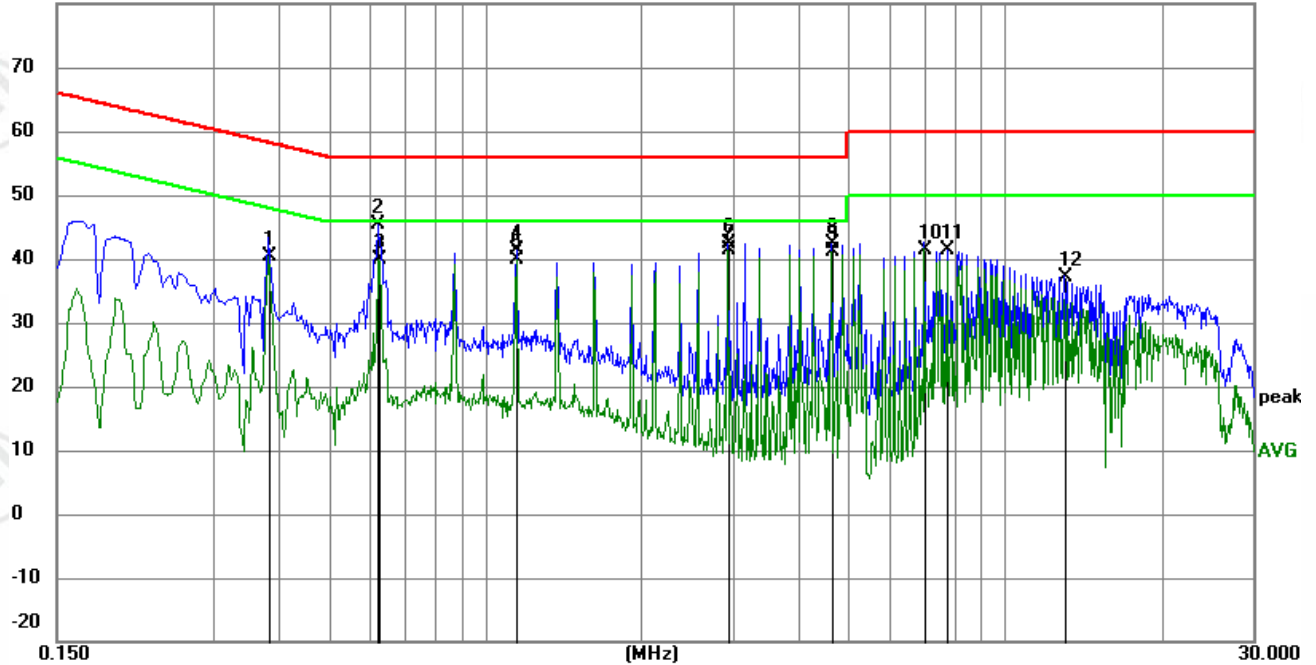
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.3840	33.68	10.10	43.78	58.19	-14.41	QP	
2		0.3840	29.97	10.10	40.07	48.19	-8.12	AVG	
3		0.6270	28.98	10.11	39.09	46.00	-6.91	AVG	
4		0.6315	35.07	10.11	45.18	56.00	-10.82	QP	
5		1.7790	31.34	10.17	41.51	56.00	-14.49	QP	
6	*	1.7790	29.44	10.17	39.61	46.00	-6.39	AVG	
7		3.3315	32.45	10.12	42.57	56.00	-13.43	QP	
8		5.4240	32.73	10.05	42.78	60.00	-17.22	QP	
9		5.9235	31.60	10.05	41.65	50.00	-8.35	AVG	
10		5.9235	31.60	10.05	41.65	50.00	-8.35	AVG	
11		6.9360	32.56	10.03	42.59	60.00	-17.41	QP	
12		13.1865	24.09	9.89	33.98	50.00	-16.02	AVG	

Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.
3. If the Peak value under Average limit, the Average value is not recorded in the report.

Neutral line:

80.0 dBuV



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.3840	30.31	10.10	40.41	48.19	-7.78	AVG	
2		0.6225	35.38	10.11	45.49	56.00	-10.51	QP	
3		0.6270	29.69	10.11	39.80	46.00	-6.20	AVG	
4		1.1490	31.19	10.18	41.37	56.00	-14.63	QP	
5		1.1490	29.61	10.18	39.79	46.00	-6.21	AVG	
6		2.9310	32.34	10.14	42.48	56.00	-13.52	QP	
7	*	2.9310	31.24	10.14	41.38	46.00	-4.62	AVG	
8		4.6230	32.31	10.07	42.38	56.00	-13.62	QP	
9		4.6230	31.10	10.07	41.17	46.00	-4.83	AVG	
10		6.9990	31.47	10.03	41.50	50.00	-8.50	AVG	
11		7.7460	31.26	10.01	41.27	60.00	-18.73	QP	
12		12.9930	27.35	9.90	37.25	60.00	-22.75	QP	

Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.
3. If the Peak value under Average limit, the Average value is not recorded in the report.

5.3 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:

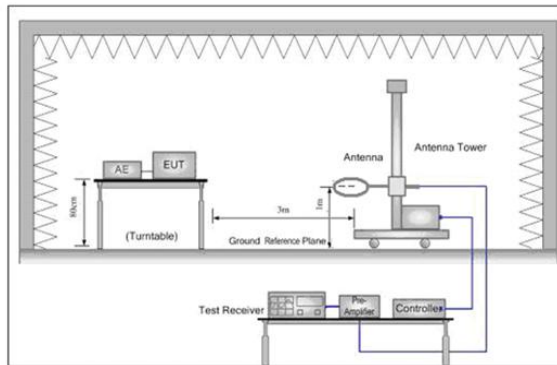


Figure . Below 30MHz

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)

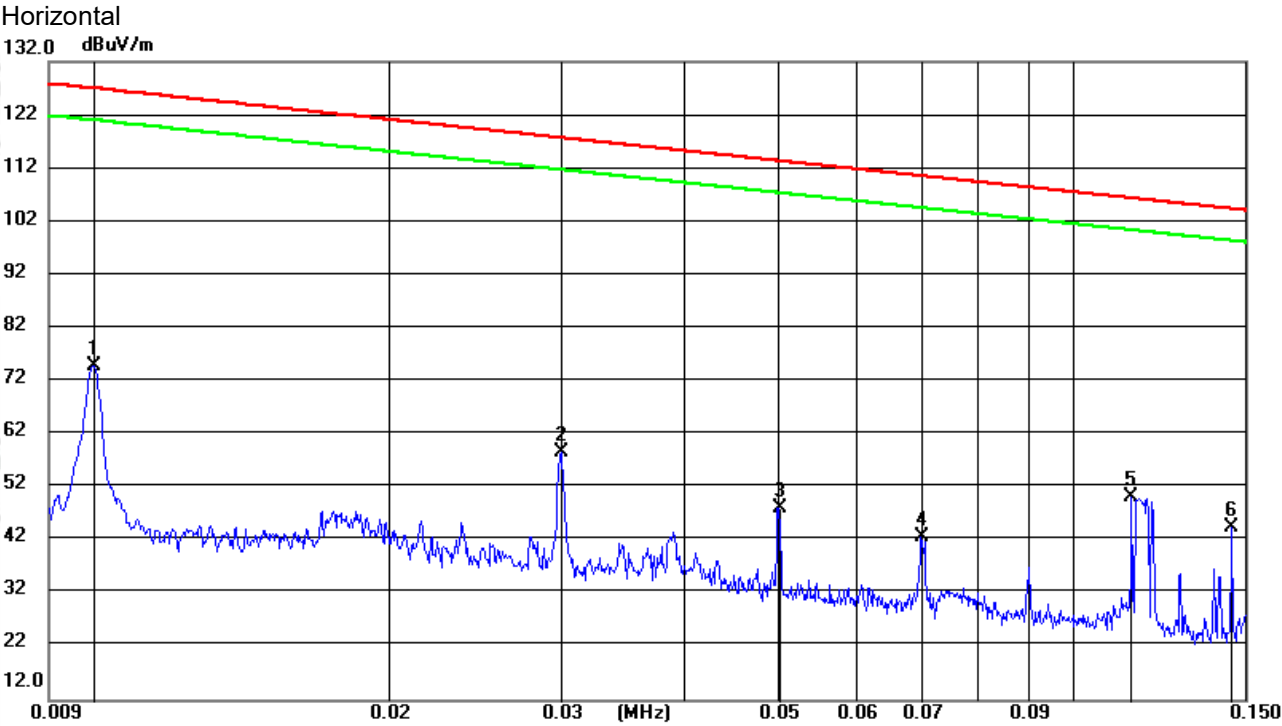
Frequency	Field strength (microvolt/meter)	Limit (dBμV/m)	Remark	Measurement distance (m)
0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
1.705MHz-30MHz	30	-	-	30

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: Refer to section 3.3
Test Results: Pass

9kHz-150kHz:

Measurement Data (Mode a):



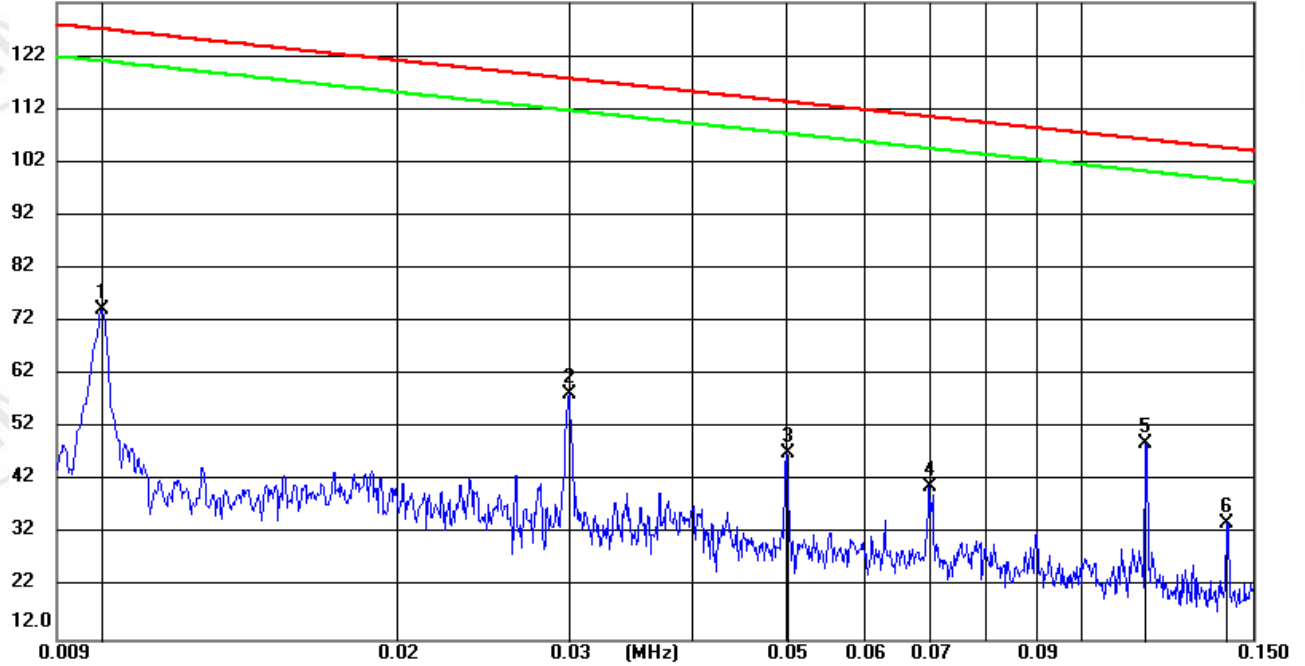
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	0.0100	54.46	20.43	74.89	126.92	-52.03	peak		
2		0.0300	37.98	20.55	58.53	117.66	-59.13	peak		
3		0.0501	27.46	20.68	48.14	113.33	-65.19	peak		
4		0.0700	22.10	20.59	42.69	110.51	-67.82	peak		
5		0.1148	29.76	20.55	50.31	106.34	-56.03	peak		
6		0.1454	24.41	20.22	44.63	104.34	-59.71	peak		

Remark:
1.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

Measurement Data (Mode a):

Vertical

132.0 dBuV/m



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1	*	0.0100	53.85	20.43	74.28	126.92	-52.64	peak		
2		0.0300	37.85	20.55	58.40	117.66	-59.26	peak		
3		0.0501	26.48	20.68	47.16	113.33	-66.17	peak		
4		0.0700	20.23	20.59	40.82	110.51	-69.69	peak		
5		0.1164	28.54	20.55	49.09	106.22	-57.13	peak		
6		0.1409	13.89	20.28	34.17	104.61	-70.44	peak		

Remark:

1.The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

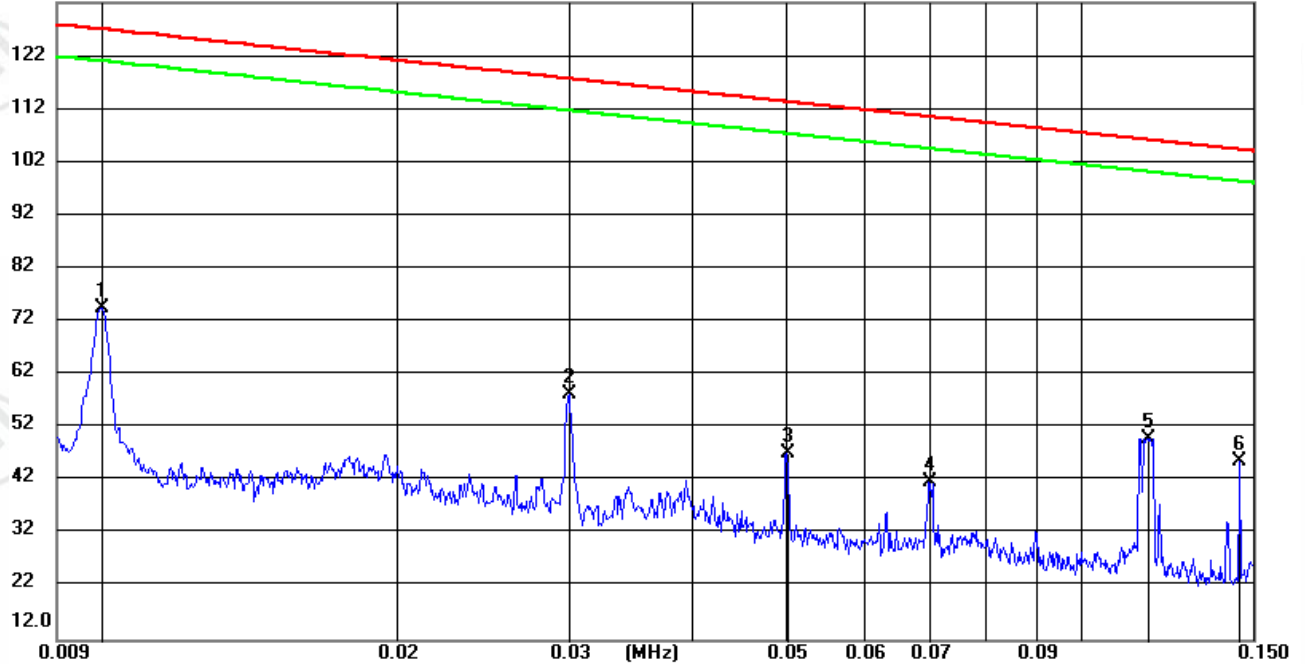
Final Test Level =Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor- Antenna Factor-Cable Factor

Measurement Data (Mode b):

Horizontal

132.0 dBuV/m



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1	*	0.0100	54.17	20.43	74.60	126.92	-52.32	peak		
2		0.0300	37.85	20.55	58.40	117.66	-59.26	peak		
3		0.0501	26.48	20.68	47.16	113.33	-66.17	peak		
4		0.0700	21.38	20.59	41.97	110.51	-68.54	peak		
5		0.1168	29.52	20.54	50.06	106.19	-56.13	peak		
6		0.1454	25.45	20.22	45.67	104.34	-58.67	peak		

Remark:

1.The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

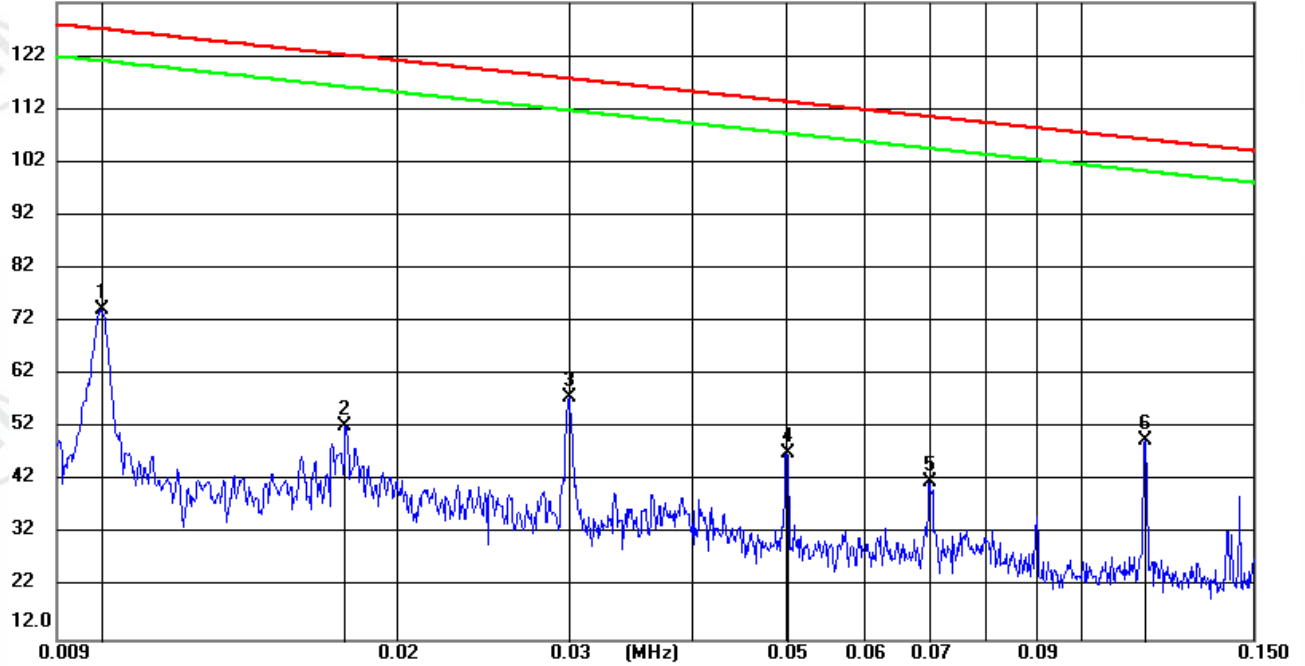
Final Test Level =Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor- Antenna Factor-Cable Factor

Measurement Data (Mode b):

Vertical

132.0 dBuV/m



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	*	0.0100	53.95	20.43	74.38	126.92	-52.54	peak		
2		0.0177	31.90	20.48	52.38	122.11	-69.73	peak		
3		0.0300	37.14	20.55	57.69	117.66	-59.97	peak		
4		0.0501	26.52	20.68	47.20	113.33	-66.13	peak		
5		0.0700	21.35	20.59	41.94	110.51	-68.57	peak		
6		0.1164	29.05	20.55	49.60	106.22	-56.62	peak		

Remark:

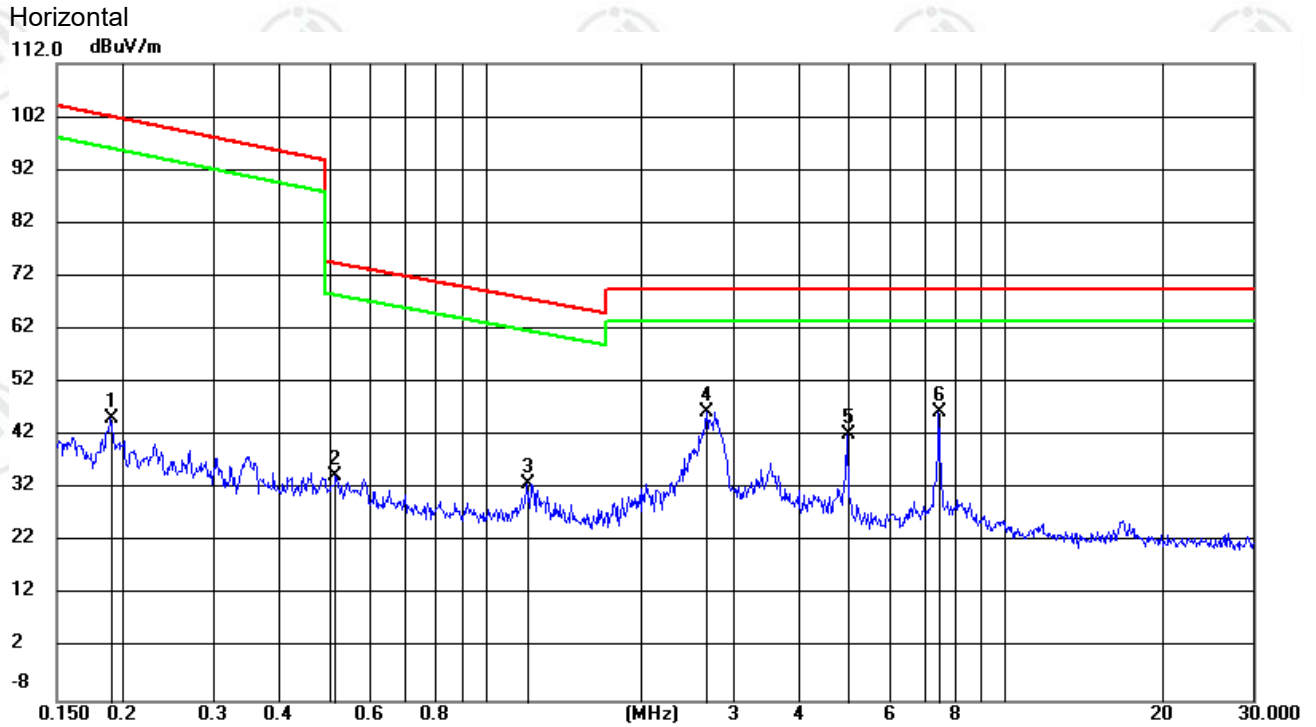
1. The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor - Antenna Factor - Cable Factor

150kHz-30MHz:

Measurement Data (Mode a):



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1		0.1904	24.92	20.21	45.13	102.01	-56.88	peak		
2		0.5155	14.75	19.80	34.55	74.40	-39.85	peak		
3		1.2034	13.26	19.77	33.03	67.72	-34.69	peak		
4	*	2.6641	26.91	19.68	46.59	69.54	-22.95	peak		
5		4.9782	22.57	19.62	42.19	69.54	-27.35	peak		
6		7.4465	26.82	19.72	46.54	69.54	-23.00	peak		

Remark:

1.The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

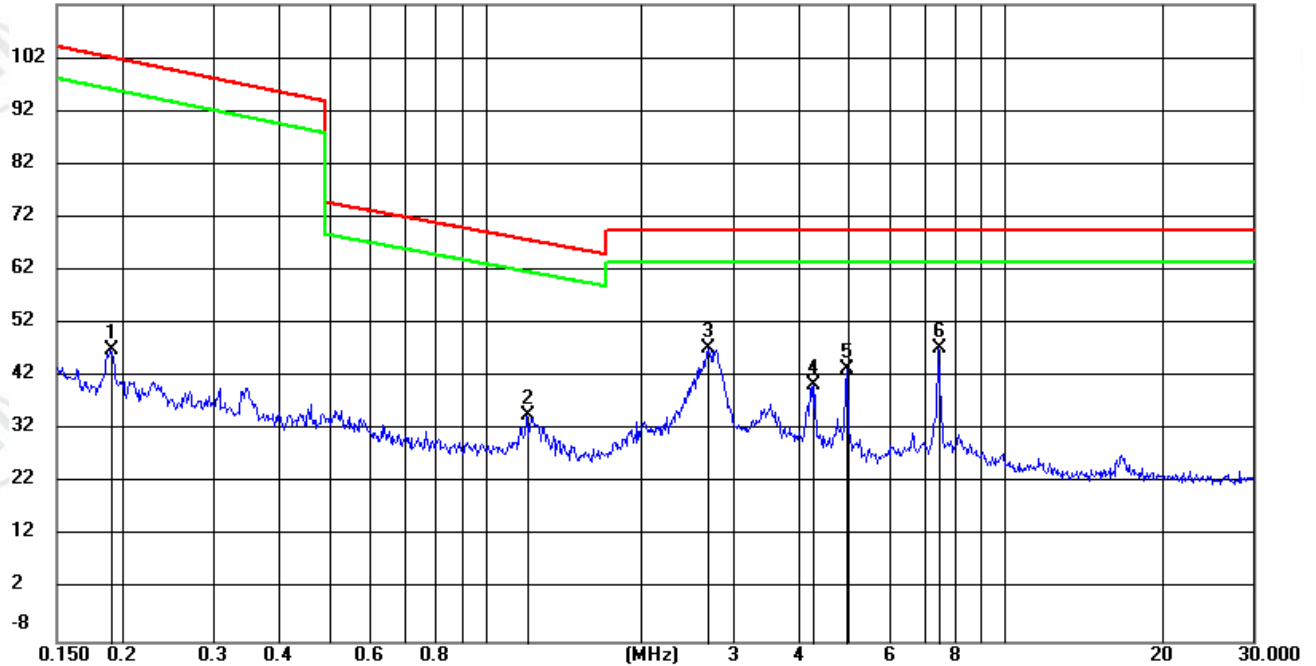
Final Test Level =Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor- Antenna Factor-Cable Factor

Measurement Data (Mode a):

Vertical

112.0 dBuV/m



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		0.1904	26.94	20.21	47.15	102.01	-54.86	peak		
2		1.2034	14.96	19.77	34.73	67.72	-32.99	peak		
3	*	2.6783	27.79	19.67	47.46	69.54	-22.08	peak		
4		4.2918	20.74	19.63	40.37	69.54	-29.17	peak		
5		4.9519	23.71	19.62	43.33	69.54	-26.21	peak		
6		7.4465	27.54	19.72	47.26	69.54	-22.28	peak		

Remark:

1.The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

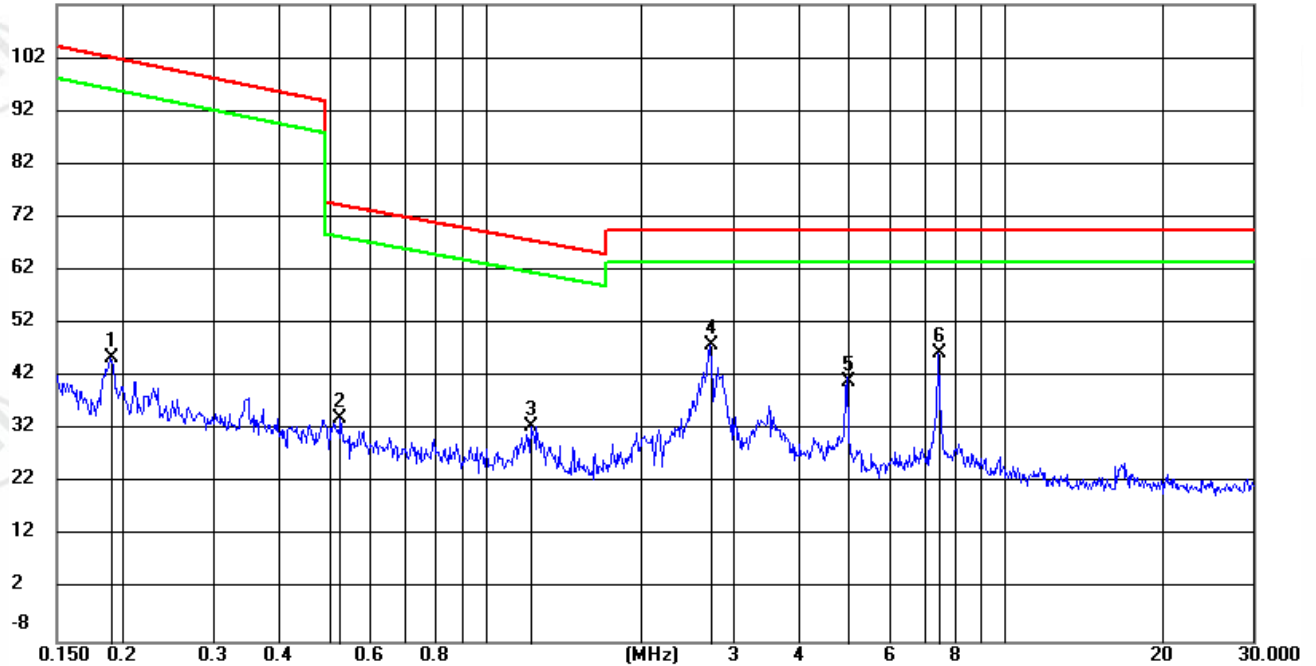
Final Test Level =Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor- Antenna Factor-Cable Factor

Measurement Data (Mode b):

Horizontal

112.0 dBuV/m



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1		0.1904	25.45	20.21	45.66	102.01	-56.35	peak		
2		0.5265	14.41	19.80	34.21	74.23	-40.02	peak		
3		1.2291	13.03	19.77	32.80	67.55	-34.75	peak		
4	*	2.7068	28.27	19.66	47.93	69.54	-21.61	peak		
5		4.9782	21.33	19.62	40.95	69.54	-28.59	peak		
6		7.4465	26.73	19.72	46.45	69.54	-23.09	peak		

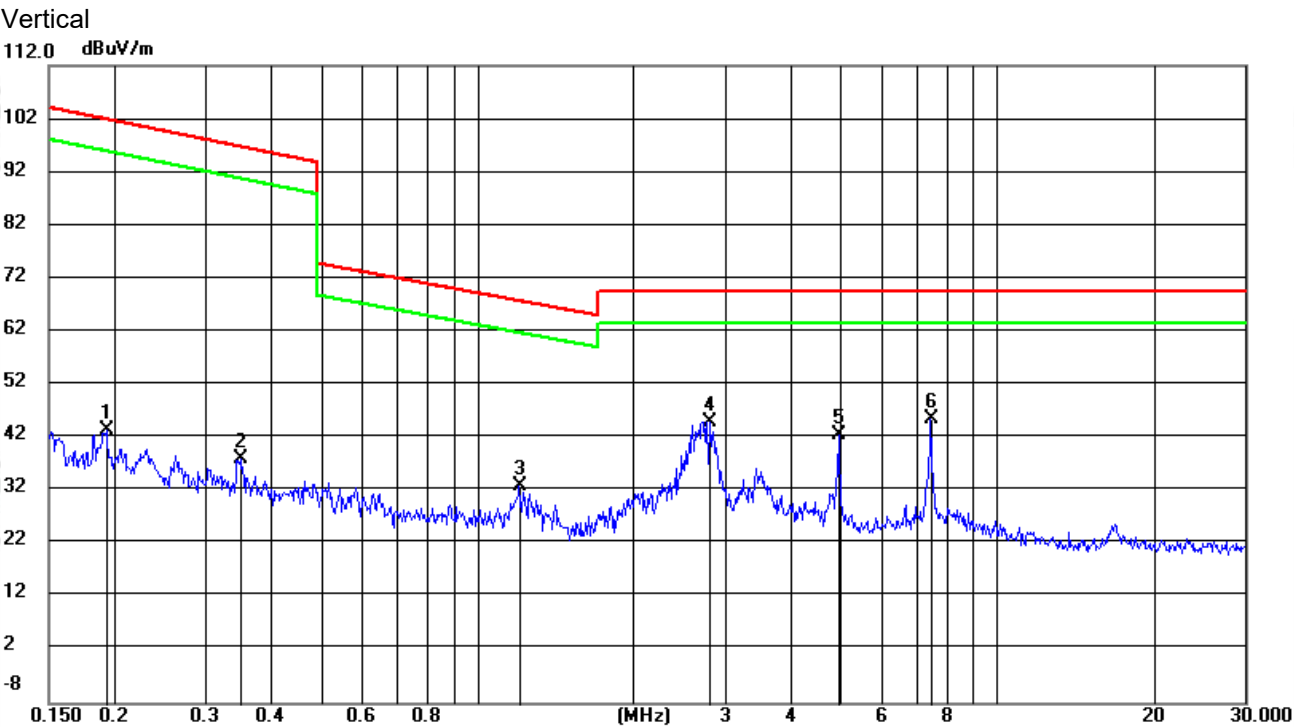
Remark:

1. 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

Measurement Data (Mode b):



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		0.1934	23.19	20.21	43.40	101.87	-58.47	peak		
2		0.3502	17.84	20.09	37.93	96.72	-58.79	peak		
3		1.2034	13.31	19.77	33.08	67.72	-34.64	peak		
4		2.7942	25.35	19.66	45.01	69.54	-24.53	peak		
5		4.9519	22.90	19.62	42.52	69.54	-27.02	peak		
6	*	7.4465	25.91	19.72	45.63	69.54	-23.91	peak		

Remark:

1.The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

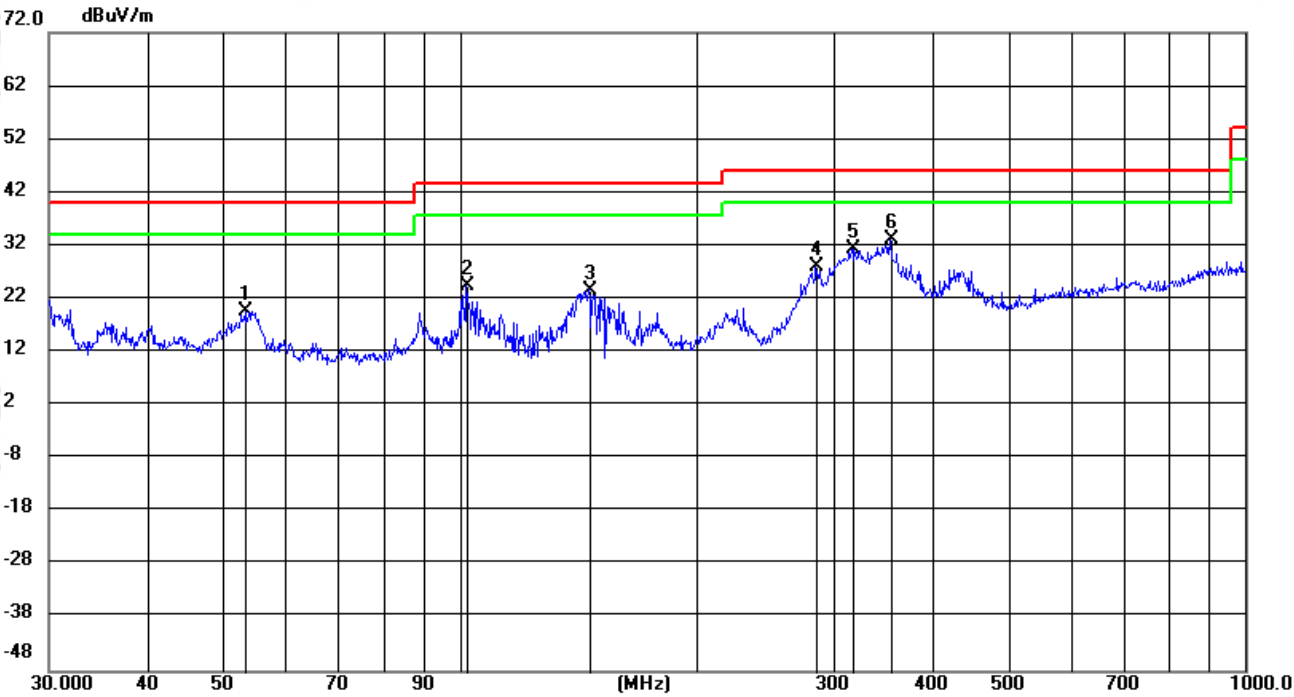
Final Test Level =Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor- Antenna Factor-Cable Factor

30MHz-1GHz:

Measurement Data (Mode a):

Polarization: Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		53.4958	5.30	14.25	19.55	40.00	-20.45	QP	100	250
2		102.1087	10.81	13.58	24.39	43.50	-19.11	QP	100	354
3		146.1939	13.40	10.30	23.70	43.50	-19.80	QP	100	360
4		284.6272	12.23	15.69	27.92	46.00	-18.08	QP	100	233
5		317.5896	14.53	16.90	31.43	46.00	-14.57	QP	100	259
6	*	354.0589	15.13	18.07	33.20	46.00	-12.80	QP	100	74

Remark:

1.The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

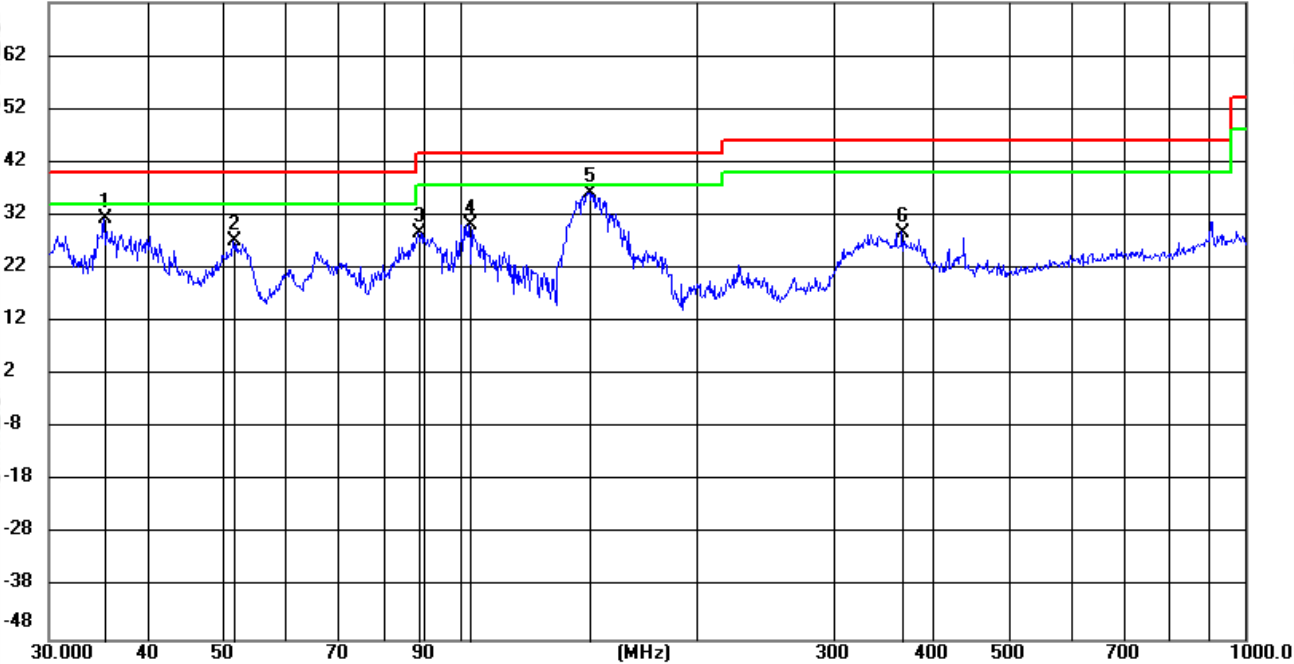
Final Test Level =Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor- Antenna Factor-Cable Factor

Measurement Data (Mode a):

Polarization: Vertical

72.0 dBuV/m



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1		35.2574	18.42	12.87	31.29	40.00	-8.71	QP	100	72
2		51.4988	12.69	14.48	27.17	40.00	-12.83	QP	100	89
3		88.8859	17.40	11.33	28.73	43.50	-14.77	QP	100	353
4		102.9175	16.52	13.63	30.15	43.50	-13.35	QP	100	169
5	*	146.6818	25.88	10.30	36.18	43.50	-7.32	QP	100	2
6		366.2447	10.36	18.44	28.80	46.00	-17.20	QP	100	336

Remark:

1.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

Measurement Data (Mode b):

Polarization: Horizontal

72.0 dBuV/m



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		31.1743	8.40	12.55	20.95	40.00	-19.05	QP	100	280
2		54.5949	6.49	14.13	20.62	40.00	-19.38	QP	100	56
3		101.9654	8.72	13.57	22.29	43.50	-21.21	QP	100	323
4		145.0450	13.35	10.32	23.67	43.50	-19.83	QP	100	6
5		319.2085	13.81	16.96	30.77	46.00	-15.23	QP	100	271
6	*	342.3987	13.20	17.73	30.93	46.00	-15.07	QP	100	82

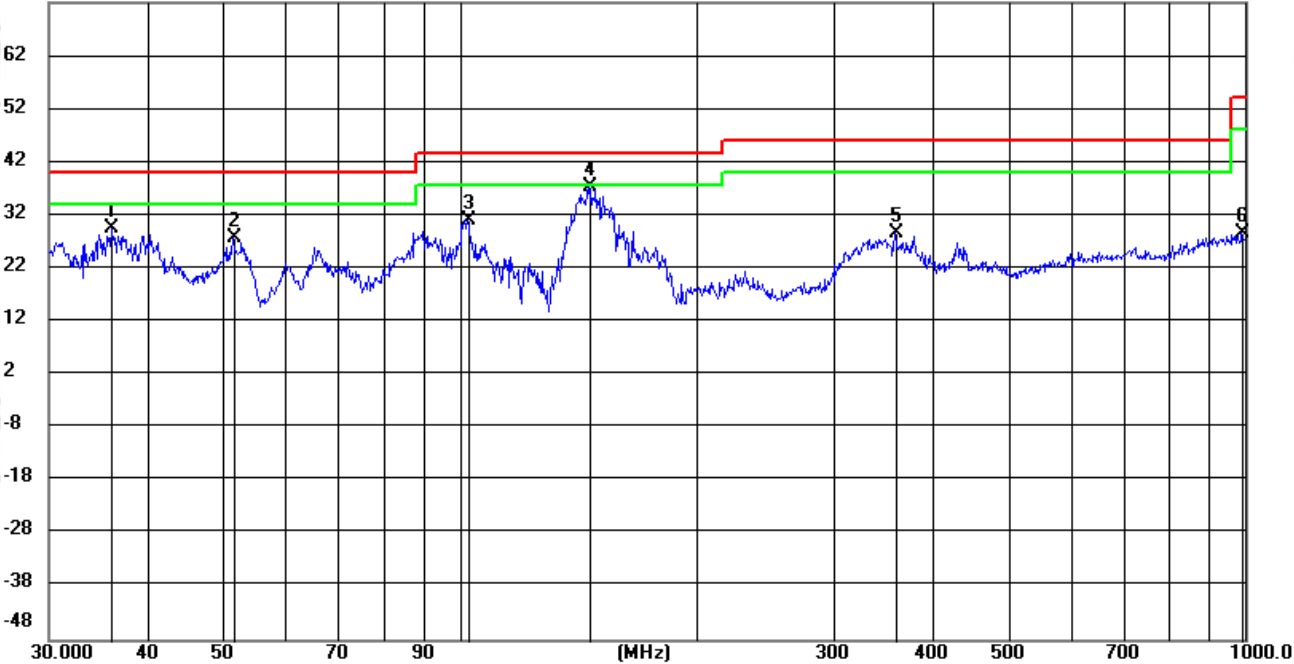
Remark:

1.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

Measurement Data (Mode b):

Polarization: Vertical

72.0 dBuV/m



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		36.0638	16.69	12.90	29.59	40.00	-10.41	QP	100	58
2		51.5801	13.24	14.47	27.71	40.00	-12.29	QP	100	92
3		102.6292	17.33	13.61	30.94	43.50	-12.56	QP	100	319
4	*	146.1940	27.13	10.30	37.43	43.50	-6.07	QP	100	354
5		358.0542	10.36	18.19	28.55	46.00	-17.45	QP	100	345
6		990.7507	1.29	27.46	28.75	54.00	-25.25	QP	100	301

Remark:

1.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

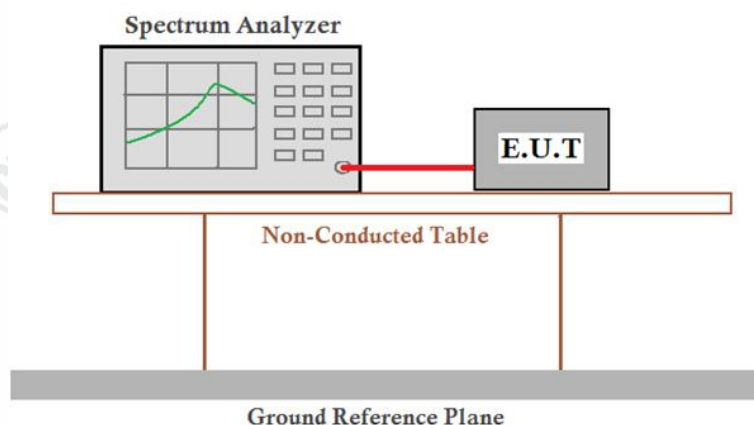
5.4 99% Occupied Bandwidth & 20dB Bandwidth

Test Requirement: 47 CFR Part 15C Section 15.215

Test Method: ANSI C63.10-2020

Limit: The requirement to contain the designated bandwidth of the emission within the specified frequency band includes the effects from frequency sweeping, frequency hopping and other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage. If a frequency stability is not specified in the regulations, it is recommended that the fundamental emission be kept within at least the central 80% of the permitted band in order to minimize the possibility of out-of-band operation.

Test Setup:



Test Mode: Mode a to Mode d, and only the worst test case mode d was recorded in the report.

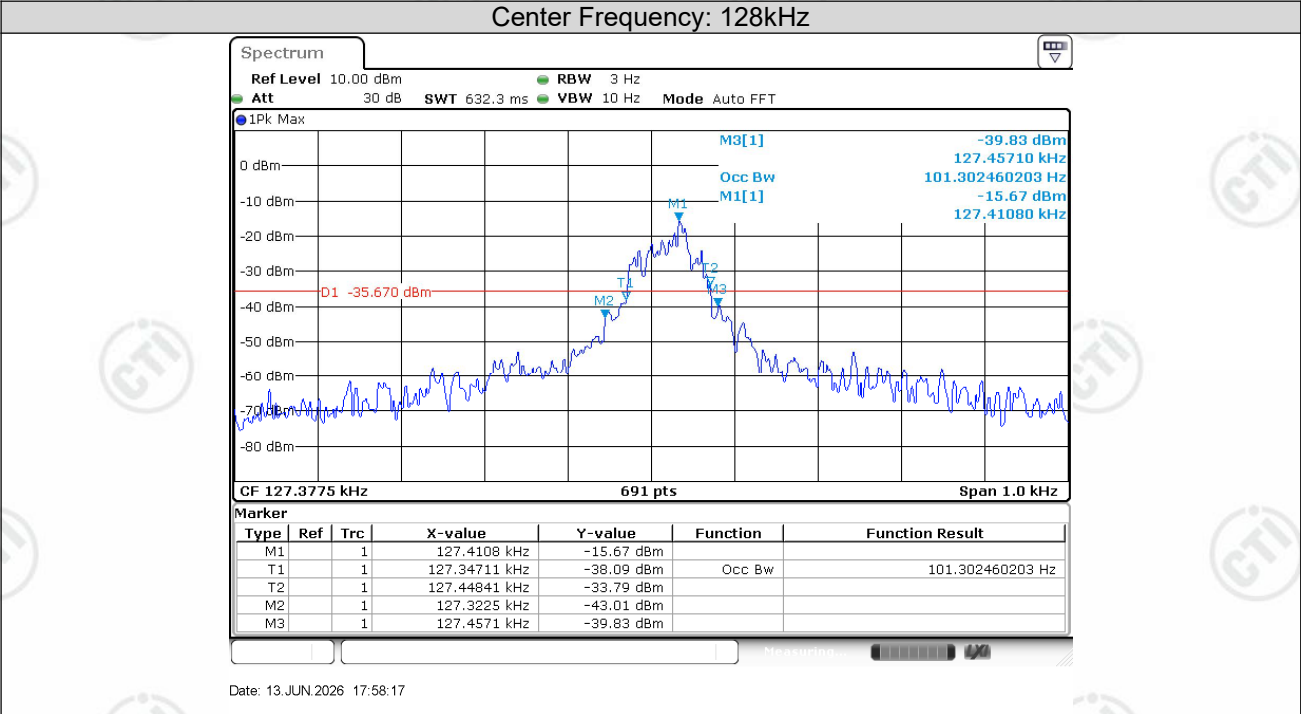
Test Results: Pass

Measurement Data:

Center Frequency (kHz)	99% Occupied Bandwidth (kHz)	Frequency of Marker 2 (kHz)	Frequency of Marker 3 (kHz)	20 dB Bandwidth (kHz)	Results
128	0.1013	127.3225	127.4571	0.1346	Pass

Note: 20 dB Bandwidth(kHz)=Frequency of Marker 3(kHz)-Frequency of Marker 2(kHz);

Test plot as follows:



6 PHOTOGRAPHS

Refer to Appendix Photographs of Report No. EED32S810542.

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;
5. Without written approval of CTI, this report can't be reproduced except in full;

*** End of Report ***