

FCC SDoC REPORT

Project No. : TM-2606000424P
Applicant : Vital Signals Health, Inc.
Address : 184 Technology Drive, #201, Irvine, CA 92618
Manufacturer : Vital Signals Health, Inc.
Address : 184 Technology Drive, #201, Irvine, CA 92618

Equipment Under Test (EUT) :

Product Name : Case
Brand Name : **signal**
Model No. : C1-L
Added Model(s) : C1-S, C1-M1, C1-M2

Standards : 47 CFR FCC Part 15 Subpart B
ANSI C63.4 : 2014 + ANSI C63.4a : 2017

Date of Sample Receipt : Jun. 26, 2026
Date of Test : Jul. 02 ~ 03, 2026
Date of Issue : Aug. 05, 2026

Test Result :	PASS
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In the configuration tested, the EUT complied with the standards specified above.

Remarks :

This report details the results of the testing carried out on one sample, the results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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Approved By



Date

Aug. 05, 2026

Bill Cheng (Supervisor)

Testing Laboratory
3703

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Revision History

Revision	Report Number	Description	Issue Date
00	TMHY2606001541YE	Original.	Aug. 05, 2026

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Contents

1. GENERAL INFORMATION	4
1.1 GENERAL DESCRIPTION OF EUT	4
1.2 DETAILS OF EUT	4
1.3 DESCRIPTION OF SUPPORT UNITS	4
1.4 OPERATION PROCEDURE	5
1.5 ACCESSORIES CABLE LIST	5
1.6 TEST SET-UP CONFIGURATION	5
1.7 MEASUREMENT PROCEDURE	6
1.8 STANDARDS APPLICABLE FOR TESTING	7
1.9 DECISION RULES OF RESULTS	7
1.10 SUMMARY OF RESULTS	7
1.11 REPORTING STATEMENTS OF CONFORMITY	7
1.12 TEST FACILITY	7
2. EMISSION	8
2.1 TEST RESULTS	8
2.2 FREQUENCY RANGE	8
2.3 LIMITS OF CONDUCTED AND RADIATED EMISSION	9
2.4 TEST OF CONDUCTED EMISSION	10
2.5 TEST OF RADIATED EMISSION	13
APPENDIX	16
PHOTOGRAPH OF TESTING GENERAL SET-UP	16
PHOTOGRAPHS OF PRODUCT	18

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1. General Information

1.1 General Description of EUT

Product Name	Case
Brand Name	signal
Model No.	C1-L
Added Model(s)	C1-S, C1-M1, C1-M2
Model Difference	See the following note.

Note:

Model No.	C1-L	C1-S	C1-M1	C1-M2
Ring	R1-12, R1-13	R1-5, R1-6, R1-7	R1-8, R1-9	R1-10, R1-11

1.2 Details of EUT

Power Supply	DC 5V from adapter
Highest internal frequency	13.56MHz
Modes/Function	Mode 1: EUT(C1-L) + Charging Mode + USB-C cable to Adapter Mode 2: EUT(C1-L) + Charging Mode + Wireless charging Mode + Ring(R1-13) + USB-C cable to Adapter Mode 3: EUT(C1-L) + Wireless charging Mode + Ring(R1-13) + Battery Mode
Worst case	CE Worst case : Mode 2 Below 1GHz RE Worst case : Mode 1 Above 1GHz RE Worst case : N/A
Battery	Brand Name: EVE Energy Co., Ltd. Model No.: L1437 Rating: 3.89V, 510mAh, 1.99Wh

1.3 Description of Support Units

Mode 1, 2:

PRODUCT	MANUFACTURER	MODEL NO.	SERIAL NO.
Adapter	Xiaomi	AD201TW	DBAD2012517000275
Ring	Vital Signals Health	R1-13	N/A

Support Equipment Used in Tested Cable

Mode 1, 2:

Cable Type	Core	Length	Shielding/Non-shielding
USB-C cable	N/A	0.8m	Shielding

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1.4 Operation Procedure

Mode 1:

1. Connect the EUT to the adapter via USB-C cable for charging.
2. Start the test.

Mode 2:

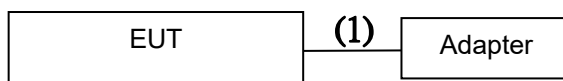
1. Connect the EUT to the adapter via USB-C cable for charging.
2. Place the Ring inside the EUT to charge.
3. Start the test.

1.5 Accessories Cable List

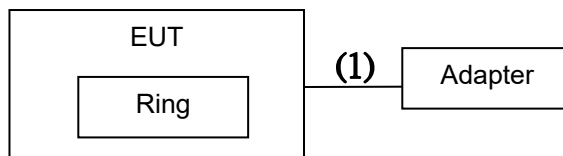
Cable Type	Core	Length	Shielding/Non-shielding
N/A			

1.6 Test Set-Up Configuration

Mode 1:



Mode 2:



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1.7 Measurement Procedure

47 CFR FCC Part 15 Subpart B:

Conducted Emission Testing was performed according to ANSI C63.4 : 2014 in a shielded room with peripherals placed on a table, 0.8m high over a metal floor. It was located more than required distance away from the shielded room wall.

Radiated Emission Testing was performed according to ANSI C63.4 : 2014 at the 3/10m semi-anechoic chamber. The EUT was placed on a 0.8m high table along with the peripherals. The turn table was placed 3/10m distance from the antenna. Cables were placed in a position to produce maximum emissions as determined by experimentation, and operation mode was selected for production of maximum emission.

The frequency and amplitude of the worse emissions were measured at varying azimuths, antenna heights and antenna polarities. Maximum emission levels are then reported.

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1.8 Standards Applicable for Testing

Tests to be carried out under the standards listed in the table below.

Test Standards	Status
47 CFR FCC Part 15 Subpart B CISPR 22 ANSI C63.4 : 2014	Applicable
Deviation from Standard	No deviation

1.9 Decision Rules of Results

Reported measurement data comply with 47 CFR FCC Part 15 Subpart B.

Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

1.10 Summary of Results

Standard	Test Type	Result
47 CFR FCC Part 15 Subpart B ANSI C63.4 : 2014	Conducted Emission	PASS
	Radiated Emission	PASS

1.11 Reporting Statements of Conformity

The conformity statement in this report is based solely on the test results, measurement uncertainty is excluded.

1.12 Test Facility

Laboratory	SGS Taiwan Ltd. Electromagnetic Compatibility Lab
Test Site	No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan
FCC Designation Number	TW1124
FCC Registration Number	636272

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2. EMISSION

2.1 Test Results

Conducted Emission	Pass
Radiated Emission	Pass

2.2 Frequency Range

47 CFR FCC Part 15 Subpart B:

Conducted Emission : 150 kHz - 30 MHz

Radiated Emission : See below table

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 - 108	1000
108 - 500	2000
500 - 1000	5000
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower.

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2.3 Limits of Conducted and Radiated Emission

2.3.1 Limits of Conducted Emission

47 CFR FCC Part 15 Subpart B:

FREQUENCY (MHz)	Class A dB(μ V)		Class B dB(μ V)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 - 0.5	79	66	66 - 56	56 - 46
0.5 - 5	73	60	56	46
5.0 - 30	73	60	60	50

Note: 1. The lower limit shall apply at the transition frequencies.

2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 to 0.50 MHz.

3. All emanation from a class A/B digital device or system, including any network of conductors and apparatus connected there to, shall not exceed the level of field strengths specified above.

2.3.2 Limits of Radiated Emissions

47 CFR FCC Part 15 Subpart B Limit:

- Detector Function : Quasi – Peak

FREQUENCY (MHz)	Class A (at 10 m)	Class B (at 3 m)
	dB(μ V/m)	dB(μ V/m)
30~88	39	40
88~216	43.5	43.5
216~960	46.4	46
960~1000	49.5	54

- Detector Function : Peak , Average

FREQUENCY (MHz)	Class A dB(μ V/m) (at 3 m)		Class B dB(μ V/m) (at 3 m)	
	Peak	Average	Peak	Average
Above 1000	80	60	74	54

CISPR 22 Limit:

- Detector Function : Quasi – Peak

FREQUENCY (MHz)	Class A (at 10 m)	Class B (at 10 m)
	dB(μ V/m)	dB(μ V/m)
30~230	40	30
230~1000	47	37

Note: 1. The lower limit shall apply at the transition frequency.

2. Additional provisions may be required for cases where interference occurs.

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2.4 Test of Conducted Emission

2.4.1 Test Equipments

SGS Conducted Emission HWAYA Conducted Room No.A EMC					
EQUIPMENT TYPE	Manufacturer	Model Number	Serial Number	Calibration Date	Calibration Due
EMI Test Receiver	R&S	ESCI	101343	2026/1/27	2027/1/26
Coaxial Cables	DRAKA	M17/84-RG223	3418585	2025/7/14	2026/7/13
LISN	Schwarzbeck	NSLK 8128	NSLK8128-300	2025/9/9	2026/9/8
Pulse Limiter	R&S	ESH3Z2	102099	2026/6/16	2027/6/15
Test Software	Farad	EZ-EMC	Ver. SGS-03A2-11	N.C.R.	N.C.R.

Testing Site : No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan

Measurement Uncertainty of Conducted Emission

Expanded uncertainty U_{lab} (k=2) of Conducted Emission measurement is 2.30 dB.

Expanded uncertainty CISPR 16-4-2:2011+A1:2014+A2:2018 (k=2) of Conducted Emission measurement is 3.44 dB.

2.4.2 Measurement Level Calculation

Factor = LISN insertion loss + Cable loss + Pulse Limiter insertion loss

Measurement Level = Reading Level + Factor

Over (Margin) = Measurement Level – Limit

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2.4.3 Measurement Data

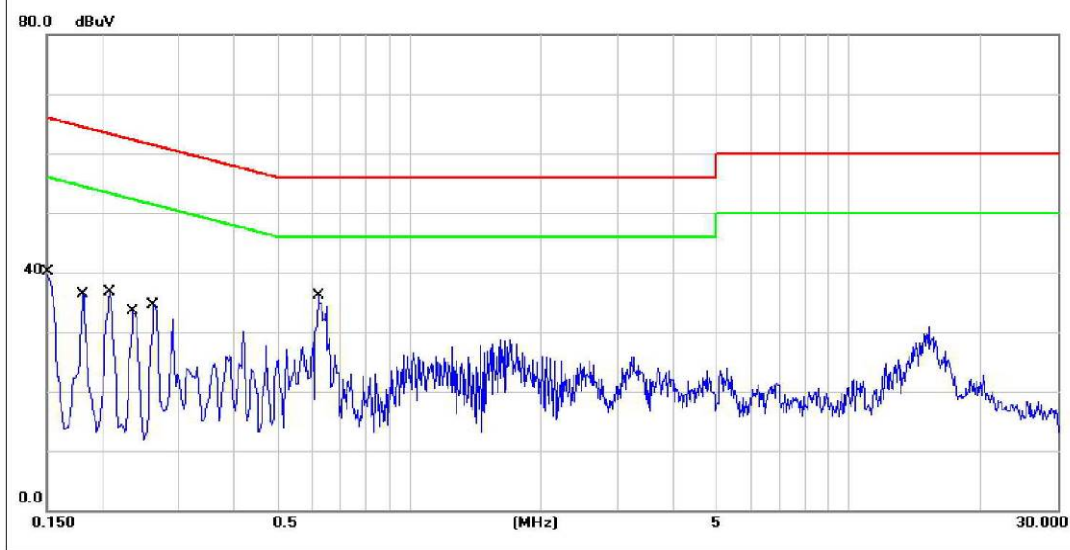
Model No.: C1-L

Mode_2_L

Site: Conduction Room A	Date: 2026/7/3	Time: 下午 03:32:33
Limit: FCC Class B Conduction(QP)	Phase: L1	Temperature: 23 °C
Mode: Mode 2	Power: AC 120 V / 60 Hz	Humidity: 63 %RH
Report: TMHY2606001541YE		atm pressure: 990 mbar
Tester: Ken Chen		

Note:

SGS Taiwan Ltd. Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Comment
		(MHz)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)		
1		0.1500	27.76	9.93	37.69	66.00	-28.31	QP	
2		0.1500	12.41	9.93	22.34	56.00	-33.66	AVG	
3		0.1815	24.24	9.93	34.17	64.42	-30.25	QP	
4		0.1815	8.93	9.93	18.86	54.42	-35.56	AVG	
5		0.2085	23.98	9.93	33.91	63.26	-29.35	QP	
6		0.2085	10.61	9.93	20.54	53.26	-32.72	AVG	
7		0.2355	22.99	9.93	32.92	62.25	-29.33	QP	
8		0.2355	9.78	9.93	19.71	52.25	-32.54	AVG	
9		0.2625	21.83	9.93	31.76	61.35	-29.59	QP	
10		0.2625	7.56	9.93	17.49	51.35	-33.86	AVG	
11		0.6225	23.51	9.94	33.45	56.00	-22.55	QP	
12	*	0.6225	14.76	9.94	24.70	46.00	-21.30	AVG	

*:Maximum data x:Over limit !:over margin

Page: 1

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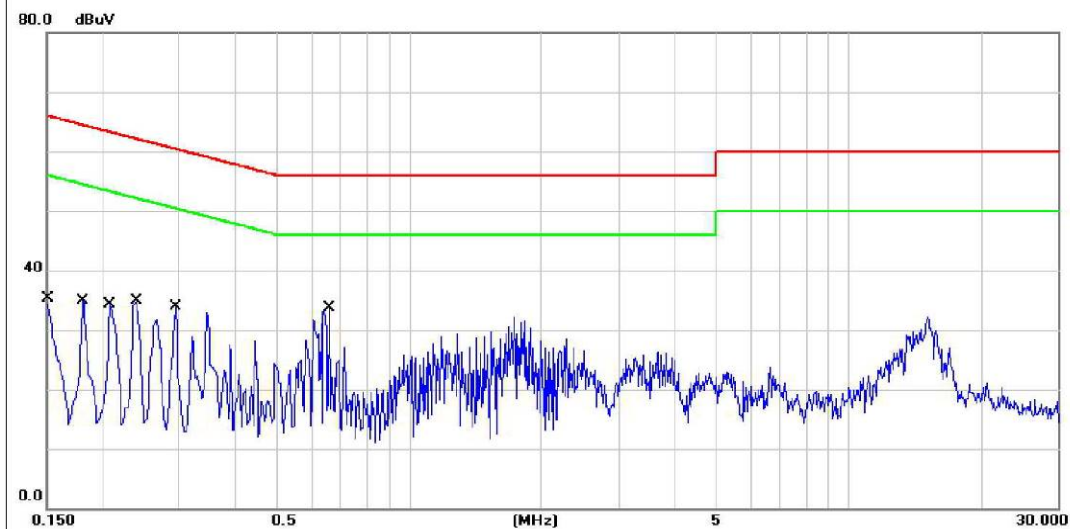
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Mode_2_N

Site: Conduction Room A	Date: 2026/7/3	Time: 下午 03:54:34
Limit: FCC Class B Conduction(QP)	Phase: N	Temperature: 23 °C
Mode: Mode 2	Power: AC 120 V / 60 Hz	Humidity: 63 %RH
Report: TMHY2606001541YE		atm pressure: 990 mbar
Tester: Ken Chen		
Note:		

SGS Taiwan Ltd. Electromagnetic Compatibility Laboratory Address: No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Comment
		(MHz)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)		
1		0.1500	27.21	9.92	37.13	66.00	-28.87	QP	
2		0.1500	11.85	9.92	21.77	56.00	-34.23	AVG	
3		0.1815	23.62	9.92	33.54	64.42	-30.88	QP	
4		0.1815	8.33	9.92	18.25	54.42	-36.17	AVG	
5		0.2085	23.10	9.92	33.02	63.26	-30.24	QP	
6		0.2085	9.91	9.92	19.83	53.26	-33.43	AVG	
7		0.2400	21.57	9.92	31.49	62.10	-30.61	QP	
8		0.2400	7.48	9.92	17.40	52.10	-34.70	AVG	
9		0.2940	20.92	9.92	30.84	60.41	-29.57	QP	
10		0.2940	8.38	9.92	18.30	50.41	-32.11	AVG	
11	*	0.6585	18.73	9.94	28.67	56.00	-27.33	QP	
12		0.6585	7.32	9.94	17.26	46.00	-28.74	AVG	

*:Maximum data x:Over limit !:over margin

Page: 1

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2.5 Test of Radiated Emission

2.5.1 Test Equipments

Below 1GHz

SGS Radiated_Below_1GHz HWAYA 10m_EMC					
EQUIPMENT TYPE	Manufacturer	Model Number	Serial Number	Calibration Date	Calibration Due
EMI Test Receiver	R&S	ESCI 7	100950	2025/8/29	2026/8/28
EMI Test Receiver	R&S	ESCI	101300	2025/9/16	2026/9/15
Broadband Antenna	Schwarzbeck	VULB9168	VULB 9168-628	2025/9/9	2026/9/8
Broadband Antenna	Schwarzbeck	VULB9168	01613	2025/7/11	2026/7/10
Pre Amplifier	EMC Instruments	EMC330	060793	2026/6/30	2027/6/29
Pre Amplifier	EMC Instruments	EMC330	060847	2026/4/18	2027/4/17
Coaxial Cable	EMC Instruments	EMCCFD400-NM-NM	150917	2025/9/16	2026/9/15
Coaxial Cable	EMC Instruments	EMCCFD400-NM-NM	150919	2025/9/16	2026/9/15
Coaxial Cable	Huber+Suhner	RG214/U	2211955	2025/9/16	2026/9/15
Coaxial Cable	EMC Instruments	EMCCFD400-NM-NM	150918	2025/9/16	2026/9/15
Coaxial Cable	Huber+Suhner	RG214/U	2211955	2025/9/16	2026/9/15
Coaxial Cable	EMC Instruments	EMCCFD400-NM-NM	150822	2025/9/16	2026/9/15
Site NSA	SGS	10m Chamber	10M SAC	2025/12/31	2026/12/30
Test S/W	Farad	EZ-EMC	Ver. SGS 10m-03A2-9	N.C.R.	N.C.R.

Testing Site : No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan
 Measurement Uncertainty of Radiated Emission
 Expanded uncertainty U_{lab} (k=2) of Radiated Emission measurement is 4.30 dB.(30MHz-1000MHz)
 Expanded uncertainty CISPR 16-4-2:2011+A1:2014+A2:2018 (k=2) of Radiated Emission measurement is 5.10 dB.(30MHz-1000MHz)

2.5.2 Measurement Level Calculation

Correction Factor = Antenna Factor + Cable loss- Amplifier Gain

Measurement Level = Reading Level + Correction Factor

Over (Margin) = Measurement Level – Limit

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2.5.3 Measurement Data

Below 1GHz

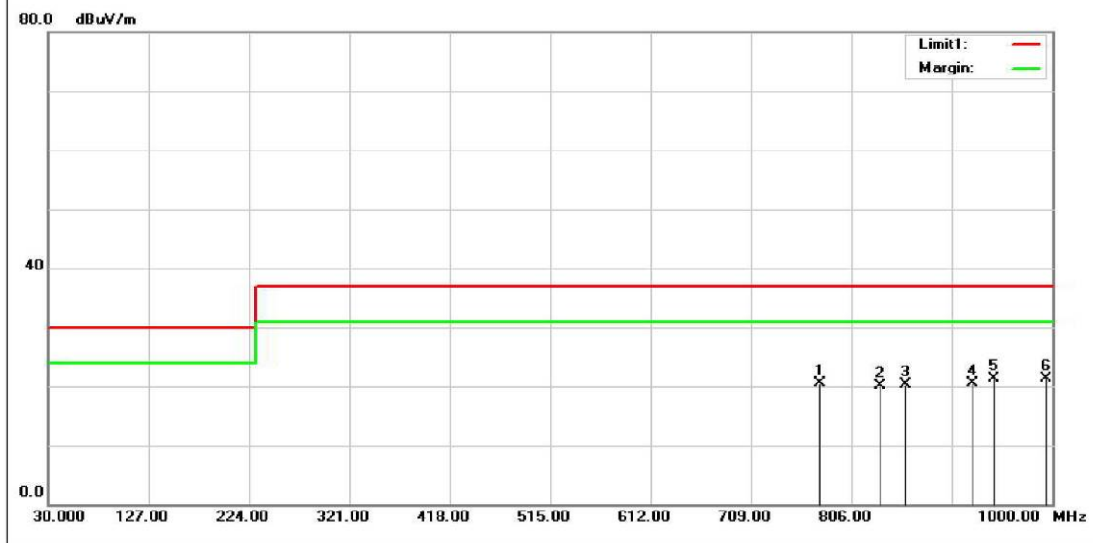
Model No.: C1-L

Mode_1_H

Site: SGS 10m Chamber	Date: 2026/7/2	Time: 上午 12:14:14
Limit: CISPR22 Class B 10m Radiation	Polarization: Horizontal	Temperature: 21 °C
Mode: Mode 1	Power: AC 120 V / 60 Hz	Humidity: 66 %RH
Report: File :TMHY2606001541YE	Distance: 10m	atm pressure: 990 mbar
Tester: Jeffrey Chou		

Note:

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No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector	Height (cm)	Degree (deg.)	Comment
1		775.9300	28.71	-8.27	20.44	37.00	-16.56	QP			
2		834.1300	27.74	-7.60	20.14	37.00	-16.86	QP			
3		858.3800	27.54	-7.18	20.36	37.00	-16.64	QP			
4		923.3700	26.91	-6.35	20.56	37.00	-16.44	QP			
5	*	943.7400	26.92	-5.66	21.26	37.00	-15.74	QP	203	360	
6		994.1800	26.66	-5.42	21.24	37.00	-15.76	QP			

*:Maximum data x:Over limit l:over margin

Page: 1

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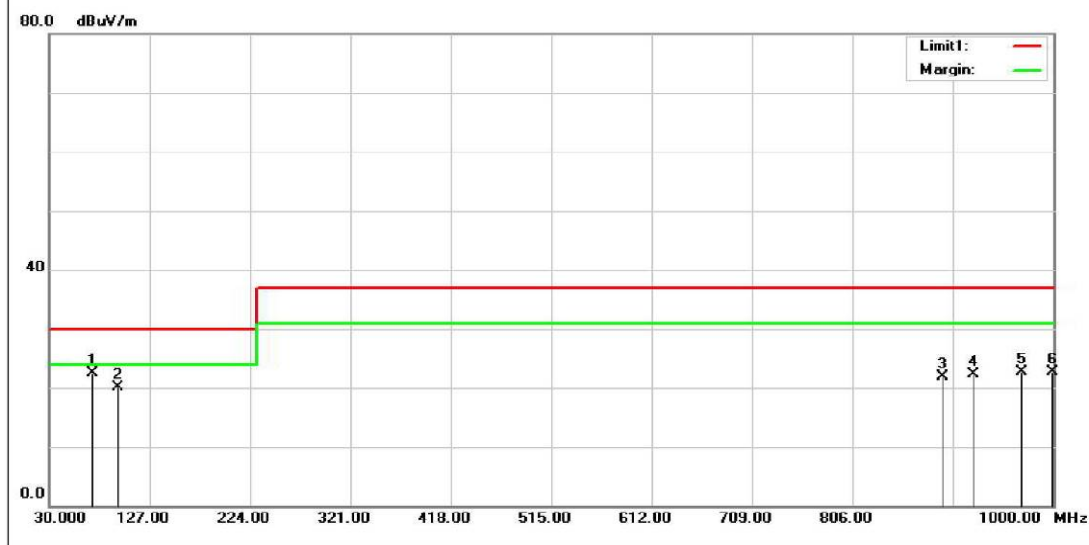
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Mode_1_V

Site: SGS 10m Chamber	Date: 2026/7/2	Time: 上午 12:14:13
Limit: CISPR22 Class B 10m Radiation	Polarization: Vertical	Temperature: 21 ℃
Mode: Mode 1	Power: AC 120 V / 60 Hz	Humidity: 66 %RH
Report: File :TMHY2606001541YE	Distance: 10m	atm pressure: 990 mbar
Tester: Jeffrey Chou		
Note:		

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No.	Mk	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector	Height (cm)	Degree (deg.)	Comment
1	*	71.4160	46.94	-24.48	22.46	30.00	-7.54	QP	172	360	
2		95.2320	47.81	-27.78	20.03	30.00	-9.97	QP			
3		893.3000	30.26	-8.40	21.86	37.00	-15.14	QP			
4		922.4000	30.04	-7.66	22.38	37.00	-14.62	QP			
5		969.9300	29.78	-7.16	22.62	37.00	-14.38	QP			
6		999.0300	29.64	-6.88	22.76	37.00	-14.24	QP			

*:Maximum data x:Over limit l:over margin

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