

FCC 47 CFR PART 15 SUBPART B

TEST REPORT

Test Report No. : OT-193-RED-014

AGR No. : A192A-112

Applicant : H&Care Co., Ltd

Address : 2146, Wonmun-ro, Munmak-eup, Wonju-si, Gangwon-do, Korea 26361

Manufacturer : H&Care Co., Ltd

Address : 2146, Wonmun-ro, Munmak-eup, Wonju-si, Gangwon-do, Korea 26361

Type of Equipment : STERLILZER PIK

Model Name : HC500

Multiple Model Name : -

Serial number : N/A

Total page of Report : 18 pages (including this page)

Date of Incoming : February 19, 2019

Date of Issuing : March 05, 2019

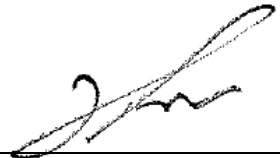
SUMMARY

The equipment complies with the requirement of *FCC CFR 47 PART 15 SUBPART B, Section 15.101*.


This test report contains only the results of a single test of the sample supplied for the examination.

It is not a general valid assessment of the features of the respective products of the mass-production.

Reviewed by


Young-Ki, Kim / General Manager
ONETECH Corp.

Approved by:


Eung-Chan, Kim / Exe. Managing Director
ONETECH Corp.

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Revision History

Rev. No.	Issued Report No.	Issued Date	Revisions	Section Affected
0	OT-193-RED-014	March 05, 2019	Initial Issue	All

1. VERIFICATION OF COMPLIANCE

- . APPLICANT : H&Care Co., Ltd
- . ADDRESS : 2146, Wonmun-ro, Munmak-eup, Wonju-si, Gangwon-do, Korea 26361
- . Manufacturer : H&Care Co., Ltd
- . ADDRESS : 2146, Wonmun-ro, Munmak-eup, Wonju-si, Gangwon-do, Korea 26361
- . Factory : H&Care Co., Ltd
- . ADDRESS : H&Care Co., Ltd
- . MODEL NAME : HC500
- . SERIAL NUMBER : N/A
- . BRAND/TRADE NAME : N/A
- . DATE : March 05, 2019

EQUIPMENT CLASS	CLASS Bdigital devices
E.U.T. DESCRIPTION	STERLILZER PIK
THIS REPORT CONCERNS	Original Grant
MEASUREMENT PROCEDURES	ANSI C63.4: 2014
TYPE OF EQUIPMENT TESTED	Pre-Production
KIND OF EQUIPMENT AUTHORIZATION REQUESTED	Certification
STANDARDS	FCC Part 15, Section 15.101 (Class B)
MODIFICATIONS ON THE EQUIPMENT TO ACHIEVE COMPLIANCE	None
FINAL TEST WAS CONDUCTED ON	10 m Semi anechoic chamber

ONETECH Corp. tested the above equipment in accordance with the requirements set forth in the above standard. The test results show that equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

2. TEST SUMMARY

2.1 Test items and results

SECTION	TEST ITEMS	RESULTS
15.107	Conducted Emission Limits	Met the Limit / PASS
15.109	Radiated Emission Limits	Met the Limit / PASS

3. TEST FACILITY

The Onetech Corp. has been designated to perform equipment testing in compliance with ISO/IEC 17025.

The Electromagnetic compatibility measurement facilities are located at:

- 1) 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea
- 2) 12-5, Jinsaegol-gil 75 beon-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea

-. Site Filing:

VCCI (Voluntary Control Council for Interference) – Registration No. R-4112/ C-14617/ G-10666/ T-1842

IC (Industry Canada) – Registration No. Site# 3736A-3

-. Site Accreditation:

KOLAS (Korea Laboratory Accreditation Scheme) - Accreditation No. KT085

FCC (Federal Communications Commission) - Accreditation No. KR0013

RRA (Radio Research Agency) – Designation No. KR0013

These measurement tests were conducted at Onetech Corp.

The 10 m semi anechoic chamber and conducted measurement facilities are located on at 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea.



4. PRODUCT INFORMATION

4.1 Description of EUT

The H&Care Co., Ltd, Model HC500 (referred to as the EUT in this report) is a STERLILZER PIK. Product specification described herein was obtained from product data sheet or user's manual.

CHASSIS TYPE	Plastic
LIST OF EACH OSC. or CRY. FREQ. (FREQ. >= 1 MHz)	510.8 KHz
P. C. Board name	N/A
Electrical Rating	AC 120 V, 60 Hz
EXTERNAL CONNECTOR	-

4.2 Model Differences

- None

4.3 Support Equipment

The model numbers for all the equipments that were used in the tested system is:

Description	Manufacturer	Model	Connected to
STERLILZER PIK (EUT)	H&Care Co., Ltd	HC500	Pistol Grip Adapter
Adapter	I.T.E POWER SUPPLY	MF-05001000	EUT

4.4 System Configuration

DEVICE TYPE	MANUFACTURER	MODEL/PART NUMBER
STERLILZER PIK (EUT)	H&Care Co., Ltd	KDC470-PISTOL-GRIP-D-V0.1
Main Borad	N/A	N/A

4.5 Cable Description for the EUT

Cable	Shielded	Ferrite Bead	Metal Shell	Length (m)	Connected to
DC IN	Y	N	N	1.5	Adapter

4.6 Equipment Modifications

- Ferrite core was added on the USB cable. (Core Model Name: BNF-18, Manufacturer: N/A)
- SEPA Filter was added on the Adapter. (SEPA Filter Model Name: WNF-504D, Manufacturer: N/A)



5. DESCRIPTION OF TESTS

5.1 Test Methodology

Both conducted and radiated testing was performed according to the procedures in ANSI C63.4: 2014/ ICES-003: 2012. Radiated testing was performed at a distance of 10 m from EUT to the antenna.

5.2 Test Condition

The test conditions of the noted test mode(s) in this test report are;

- Test Voltage / Frequency

: AC 120 V / 60 Hz

- Test condition

: After EUT was attached at Pistol Grip Adapter, Pistol Grip Adapter was connected with laptop. Then EUT was scanning barcode continuously, scanned data was appeared teraterm program. So we checked the status of EUT using teraterm.

5.3 Conducted Emission

The EUT was placed on a non-conductive 1.0 m × 1.5 m table, which is 0.8 m in height above the reference ground plane and 0.4 m away from the vertical conducting plane (over 2 m × 2 m) that is bonded to the reference ground plane.

The power of EUT is fed through a 50 Ω/ 50 μH + 5 Ω LISN and all support equipment is powered from another LISN. Powers to the LISN are filtered by high-current high insertion loss power line filter.

Sufficient time for EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition.

The RF output of the LISN was connected to the EMI test receiver.

Exploratory measurements were conducted to identify the highest emission by operating the EUT in a range of typical modes of operation, cable positions, system configuration and arrangement.

Based on exploratory measurements, the final measurements were conducted at the worst test conditions.

Exploratory measurements were scanned using Peak mode of EMI Test receiver from 150 kHz to 30 MHz with 20 ms sweep time. The final measurements were measured with Quasi-Peak and CISPR Average mode.

The bandwidth of EMI Test Receiver was set to 9 kHz. Interface cables were connected to the available interface ports of the test unit. Excess cable lengths were bundled at center with 30 cm ~ 40 cm.

5.4 Radiated Emission

Exploratory Radiated measurements were conducted at the 3 m semi anechoic chamber in order to identify the highest emission by operating the EUT in a range of typical modes of operation, cable positions, system configuration and arrangement.

Based on exploratory measurements, the final measurements were conducted at the worst test conditions.

Final measurements were made at 10 m semi anechoic chamber that complies with CISPR 16/ANSI C63.4/ ICES-003.

Exploratory measurements were scanned using Peak mode of EMI Test receiver and final measurements were measured with Quasi-Peak mode (Below 1 GHz) and Peak & CISPR Average mode (Above 1 GHz).

The system was rotated 360°, and the antenna was varied in height between 1.0 m and 4.0 m in order to determine the maximum emission levels. This procedure was performed for both horizontal and vertical polarization of the receiving antenna.

6. FINAL RESULT OF MEASUREMENT

Exploratory measurement was done in normal operation mode. And the final measurement was selected for the maximized emission level.

6.1 Conducted Emission Test

6.1.1 Operating Environment

Temperature : 23.0 °C
 Relative humidity : 49.0 % R.H.

6.1.2 Test Setup

The photocopier that the EUT has been inserted in was placed on an insulator above the reference ground plane. The power of photocopier was fed through a 50 Ω/ 50 μH + 5 Ω LISN. The ground plane was electrically bonded to the reference ground system and all power lines were filtered from ambient.

6.1.3 Measurement uncertainty

Conducted emission, quasi-peak detection : 2.84 dB
 Conducted emission, CISPR-average detection : 2.84 dB

Measurement uncertainty is calculated in accordance with CISPR 16-4-2. The measurement uncertainty is given with a confidence of 95 % with the coverage factor, $k = 2$.

6.1.4 Limit

Frequency of Emission (MHz)	Conducted Limit (dBμV)	
	Quasi-peak	CISPR Average
0.15 ~ 0.5	66 to 56*	56 to 46*
0.5 ~ 5	56	46
5 ~ 30	60	50

* Limits decreases linearly with the logarithm of the frequency

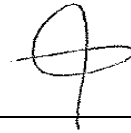
6.1.5 Test Equipment used

Model Number	Manufacturer	Description	Serial Number	Last Cal. (Interval)
■ - ESCI	Rohde & Schwarz	Test Receiver	101420	Mar. 28, 2018 (1Y)
□ - 3825/2	EMCO	AMN	9109-1867	Mar. 28, 2018 (1Y)
■ - NSLK8126	Schwarzbeck	LISN	8126-480	Oct. 22, 2018 (1Y)
□ - NSLK8126	Schwarzbeck	LISN	8126-479	Oct. 22, 2018 (1Y)
■ - 11947A	Hewlett Packard	TRANSIENT LIMITER	3107A02762	Mar. 28, 2018 (1Y)

All test equipment used is calibrated on a regular basis.

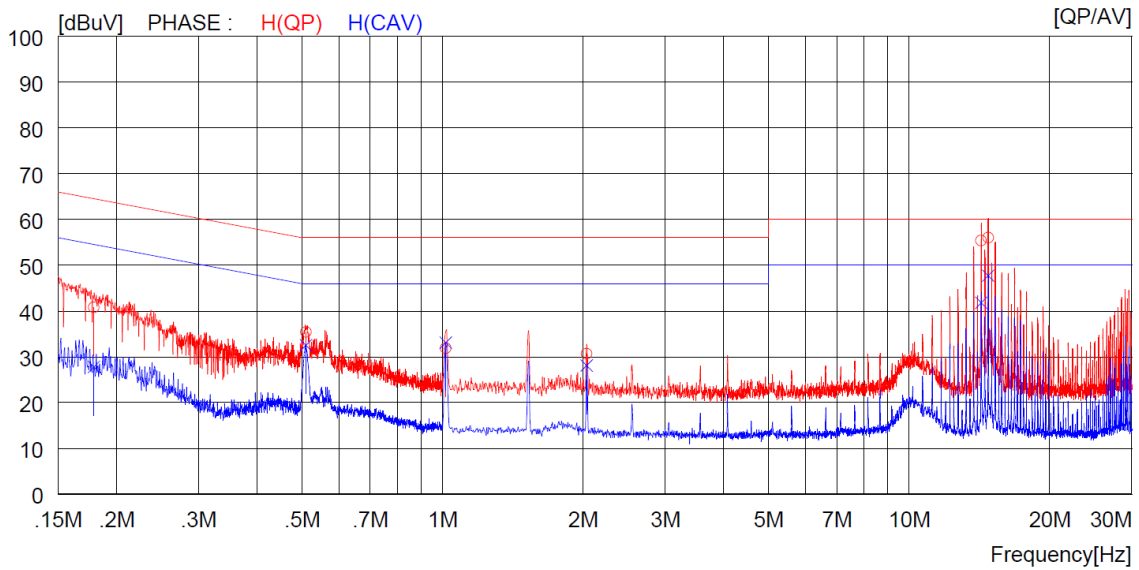
6.1.6 Test Data

- Test Result : Pass



Tested by: Sun-Teak, Oh / Engineer

Frequency range : 0.15 MHz ~ 30 MHz	Test Date : February 25, 2019
Resolution bandwidth : 9 kHz	Tested Line : Hot Line

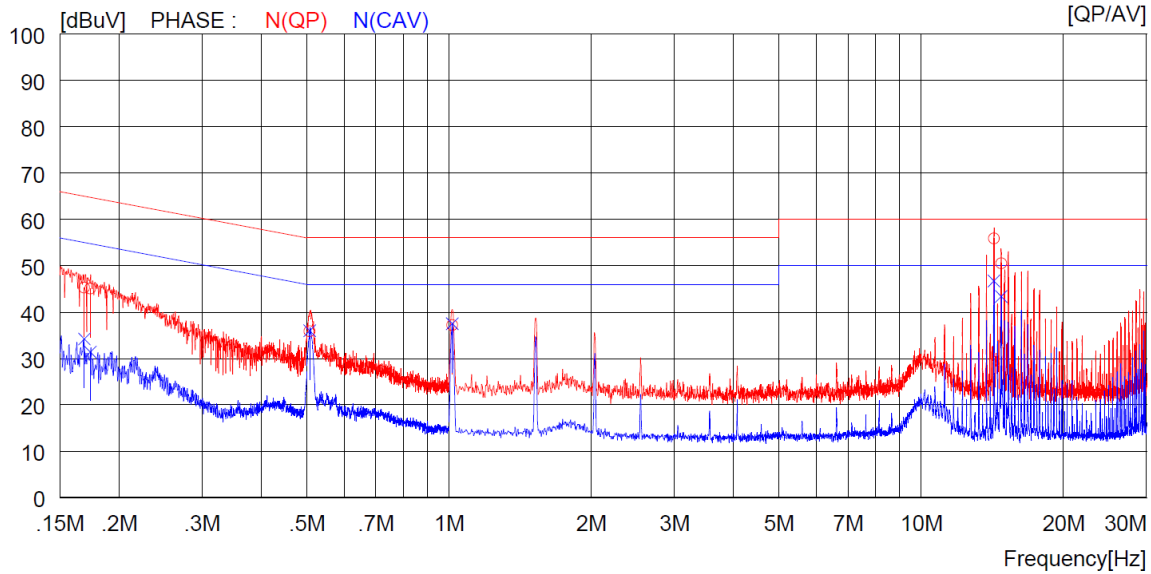


NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.17900	30.7	----	10.1	40.8	----	64.5	----	23.7	----	H (QP)
2	0.51000	25.2	----	10.2	35.4	----	56.0	----	20.6	----	H (QP)
3	1.01600	21.7	----	10.2	31.9	----	56.0	----	24.1	----	H (QP)
4	2.03600	20.5	----	10.2	30.7	----	56.0	----	25.3	----	H (QP)
5	14.27000	45.0	----	10.4	55.4	----	60.0	----	4.6	----	H (QP)
6	14.77000	45.6	----	10.4	56.0	----	60.0	----	4.0	----	H (QP)
7	0.17900	----	17.7	10.1	----	27.8	----	54.5	----	26.7	H (CAV)
8	0.51000	----	22.3	10.2	----	32.5	----	46.0	----	13.5	H (CAV)
9	1.01600	----	22.9	10.2	----	33.1	----	46.0	----	12.9	H (CAV)
10	2.03600	----	17.9	10.2	----	28.1	----	46.0	----	17.9	H (CAV)
11	14.27000	----	31.4	10.4	----	41.8	----	50.0	----	8.2	H (CAV)
12	14.77000	----	37.3	10.4	----	47.7	----	50.0	----	2.3	H (CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (LISN), cable loss and attenuator.

Frequency range : 0.15 MHz ~ 30 MHz	Test Date : February 25, 2019
Resolution bandwidth : 9 kHz	Tested Line : Neutral Line



NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.16900	35.2	----	10.1	45.3	----	65.0	----	19.7	----	N (QP)
2	0.17400	35.0	----	10.1	45.1	----	64.8	----	19.7	----	N (QP)
3	0.50700	25.7	----	10.2	35.9	----	56.0	----	20.1	----	N (QP)
4	1.01600	27.0	----	10.2	37.2	----	56.0	----	18.8	----	N (QP)
5	14.25000	45.5	----	10.4	55.9	----	60.0	----	4.1	----	N (QP)
6	14.77000	40.1	----	10.4	50.5	----	60.0	----	9.5	----	N (QP)
7	0.16900	----	24.1	10.1	----	34.2	----	55.0	----	20.8	N (CAV)
8	0.17400	----	21.3	10.1	----	31.4	----	54.8	----	23.4	N (CAV)
9	0.50700	----	25.8	10.2	----	36.0	----	46.0	----	10.0	N (CAV)
10	1.01600	----	27.3	10.2	----	37.5	----	46.0	----	8.5	N (CAV)
11	14.25000	----	36.3	10.4	----	46.7	----	50.0	----	3.3	N (CAV)
12	14.77000	----	33.0	10.4	----	43.4	----	50.0	----	6.6	N (CAV)

Remark: Margin (dB) = Limit – Level (Result)

The result level in above table is included the transducer factor that means insertion loss (LISN), cable loss and attenuator.

6.2 Radiated Emission Test

6.2.1 Operating Environment

Temperature : 23.9 °C
 Relative humidity : 46.7 % R.H.

6.2.2 Test Setup

The radiated emissions measurements were on the 10 m, in 10 m semi anechoic chamber. The photocopier that the EUT has been inserted in was placed on an insulator above the ground plane.

The frequency spectrum from 30 MHz to 1 000 MHz was scanned and maximum emission levels maximized at each frequency recorded. The system was rotated 360°, and the antenna was varied in the height between 1.0 m and 4.0 m in order to determine the maximum emission levels. This procedure was performed for both horizontal and vertical polarization of the receiving antenna.

6.2.3 Measurement uncertainty

Radiated emission electric field intensity, 30 MHz ~ 1 000 MHz : 4.36 dB

Radiated emission electric field intensity, 1 000 MHz ~ 18 000 MHz : 5.14 dB

Measurement uncertainty is calculated in accordance with CISPR 16-4-2. The measurement uncertainty is given with a confidence of 95 % with the coverage factor, $k = 2$.

6.2.4 Limit

Frequency of Emission (MHz)	Resolution bandwidth	Field strength @ 3 m (dBμV/m)	
30 ~ 88 88 ~ 216 216 ~ 960 960 ~ 1 000	120 kHz	Quasi-peak	
		40.0	
		43.5	
		46.0	
> 1 000	1 MHz	Peak Limit	CISPR Average Limit
		74.0	54.0

*Alternative to Limits for radiated disturbance of CISPR22 class B ITE at a measuring distance of 10 m

Frequency of Emission (MHz)	Resolution bandwidth	Field strength @ 10 m (dBμV/m)	
30 ~ 230 230 ~ 1 000	120 kHz	Quasi-peak	
		30.0	
		37.0	

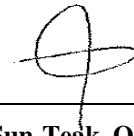
6.2.5 Test Equipment used

	Model Number	Manufacturer	Description	Serial Number	Last Cal. (Interval)
■ -	ESU	Rohde & Schwarz	Test Receiver	100261	Mar. 29, 2018 (1Y)
■ -	VULB9163	Schwarzbeck	Trilog Broadband Antenna	9163-225	Sep. 17, 2018 (2Y)
■ -	3115	ETS-LINDGREN	Horn Antenna	34823	Sep. 10, 2018 (2Y)
■ -	8447D	Hewlett Packard	Amplifier	2944A07777	Mar. 29, 2018 (1Y)
■ -	BBV9718	Schwarzbeck	Amplifier	310	Mar. 30, 2018 (1Y)
■ -	CO3000	Innco Systems GmbH	Controller	CO3000/1015	N/A
■ -	DT5000	Innco Systems GmbH	Turn Table	DT5000/3t	N/A
■ -	MA4000-EP	Innco Systems GmbH	Antenna Master	MA4000/508	N/A
■ -	MA4640-XPET	Innco Systems GmbH	Antenna Master	MA4640/592	N/A

All test equipment used is calibrated on a regular basis.

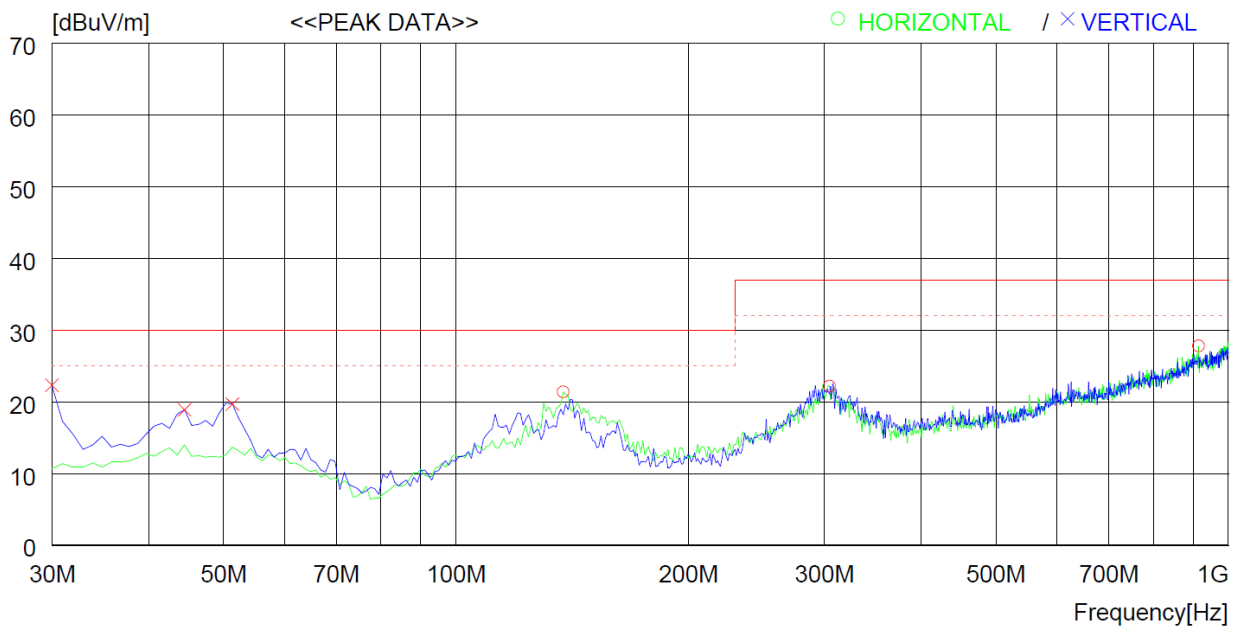
6.2.6 Test Data for Charging mode

- Test Result : Pass



Tested by: Sun-Teak, Oh / Engineer

Charging Mode	
Frequency range : 30 MHz ~ 1 000 MHz	Test Date : February 20, 2019
Resolution bandwidth : 120 kHz	Measurement distance : 3 m
Detector Mode : Paek	

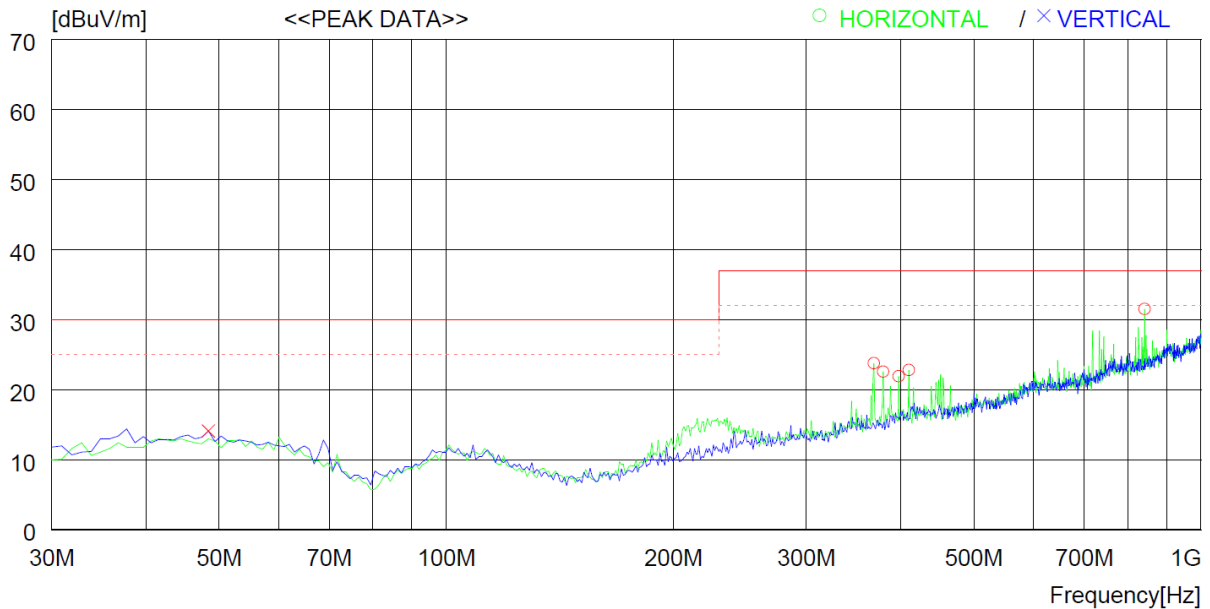


No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	137.670	37.6	8.2	3.3	27.7	21.4	30.0	8.6	400	232
2	304.510	31.2	13.2	5.1	27.3	22.2	37.0	14.8	400	0
3	914.628	23.9	22.3	9.3	27.7	27.8	37.0	9.2	400	145
----- Vertical -----										
4	30.000	37.2	11.6	1.5	28.0	22.3	30.0	7.7	100	359
5	44.550	31.1	13.9	1.9	28.0	18.9	30.0	11.1	100	152
6	51.340	32.3	13.5	1.9	28.0	19.7	30.0	10.3	100	346

Remark: Margin (dB) = Limit – Result and Result = Reading Peak + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

Portable Mode	
Frequency range : 30 MHz ~ 1 000 MHz	Test Date : February 20, 2019
Resolution bandwidth : 120 kHz	Measurement distance : 3 m
Detector Mode : Paek	



No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	368.530	31.2	14.7	5.7	27.8	23.8	37.0	13.2	400	355
2	379.200	29.7	14.9	5.8	27.8	22.6	37.0	14.4	400	0
3	397.630	28.4	15.7	5.8	28.0	21.9	37.0	15.1	400	0
4	410.240	29.1	15.8	5.9	28.0	22.8	37.0	14.2	400	359
5	841.881	29.6	20.9	8.9	27.9	31.5	37.0	5.5	400	0
----- Vertical -----										
6	48.430	26.6	13.7	1.8	28.0	14.1	30.0	15.9	100	356

Remark: Margin (dB) = Limit – Result and Result = Reading Peak + Antenna Factor + Loss – Gain

Loss and Gain in above table means Cable Loss and Pre-amplifier gain.

7. SAMPLE CALCULATIONS

$$\text{dB}\mu\text{V} = 20 \text{ Log}_{10}(\mu\text{V})$$

$$\text{Margin} = \text{Limit} - \text{Result}$$

-. Example 1: 14.77000 MHz

Class B Limit	= 50.0 dB μ V (CISPR Average)
Reading	= 37.3 dB μ V
Correction Factor	= Cable Loss + Pulse Limiter
	= 10.4 dB
Total	= 47.7 dB μ V
Margin	= 50.0 dB μ V – 47.7 dB μ V
	= 2.3 dB

-. Example 2: 841.881 MHz

Class B Limit	= 37.0 dB μ V/m (Peak)
Reading	= 29.6 dB μ V
Correction Factor	= Antenna Factor (20.9 dB/m) + Cable Loss (8.9 dB) - Amp. Gain (27.9dB)
	= 1.9 dB
Total	= 31.5 dB μ V/m
Margin	= 37.0 dB μ V/m – 31.5 dB μ V/m
	= 5.5 dB

APPENDIX A
[TEST SET UP PHOTOGRAPHS]

Conducted Emission Test Set Up



Radiated Emission Test Set Up (Below 1 GHz)



Charging mode



Portable mode

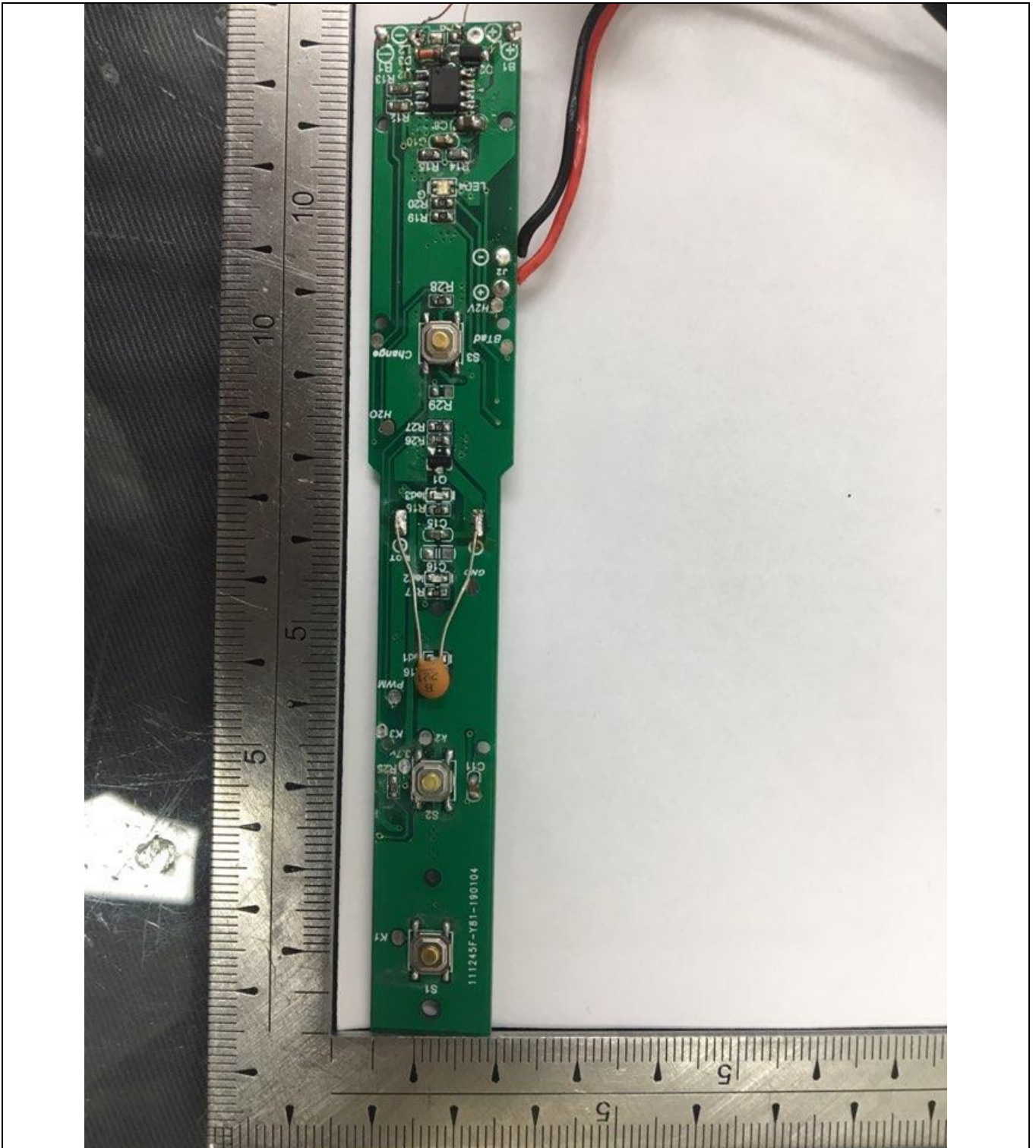
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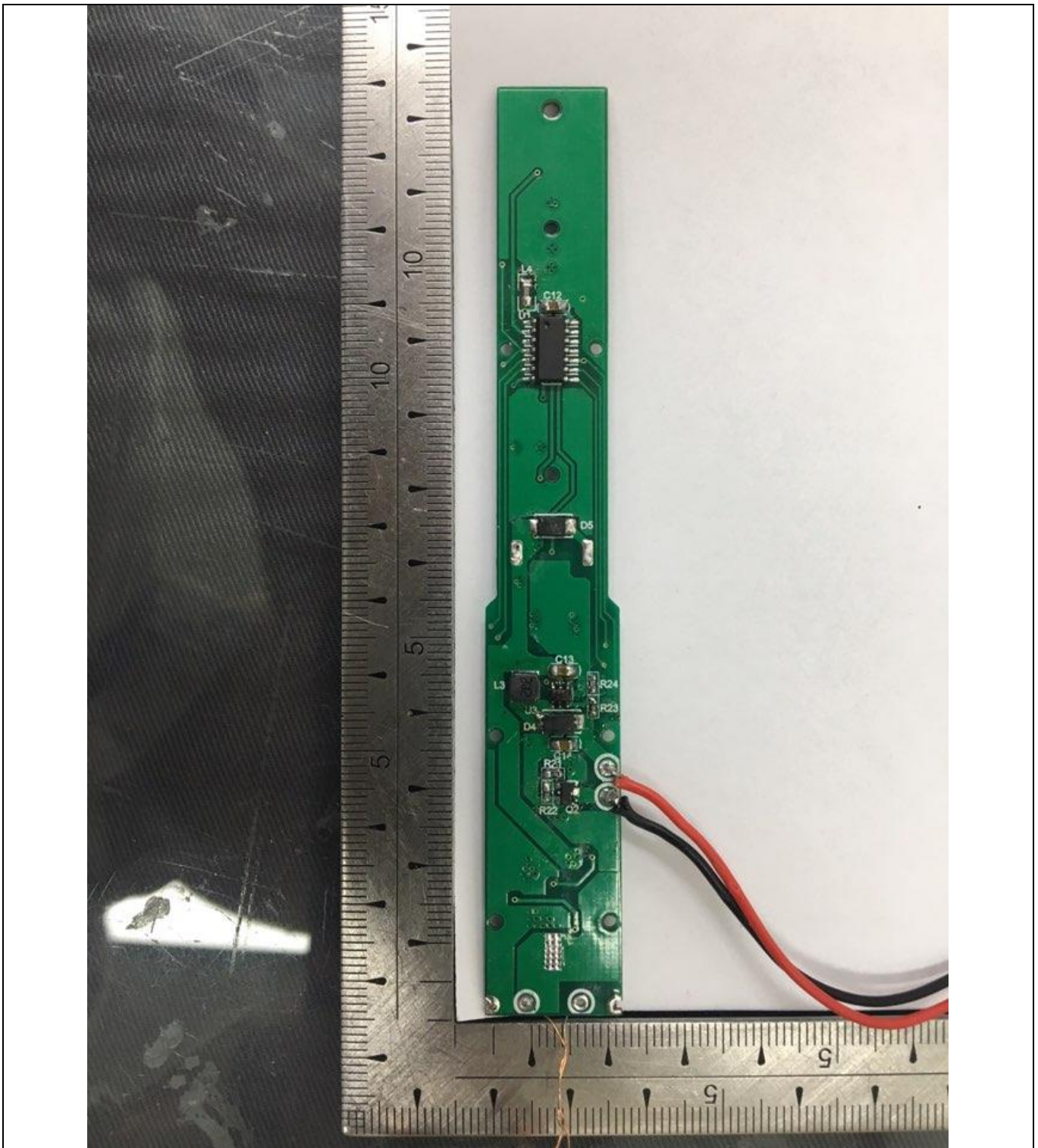


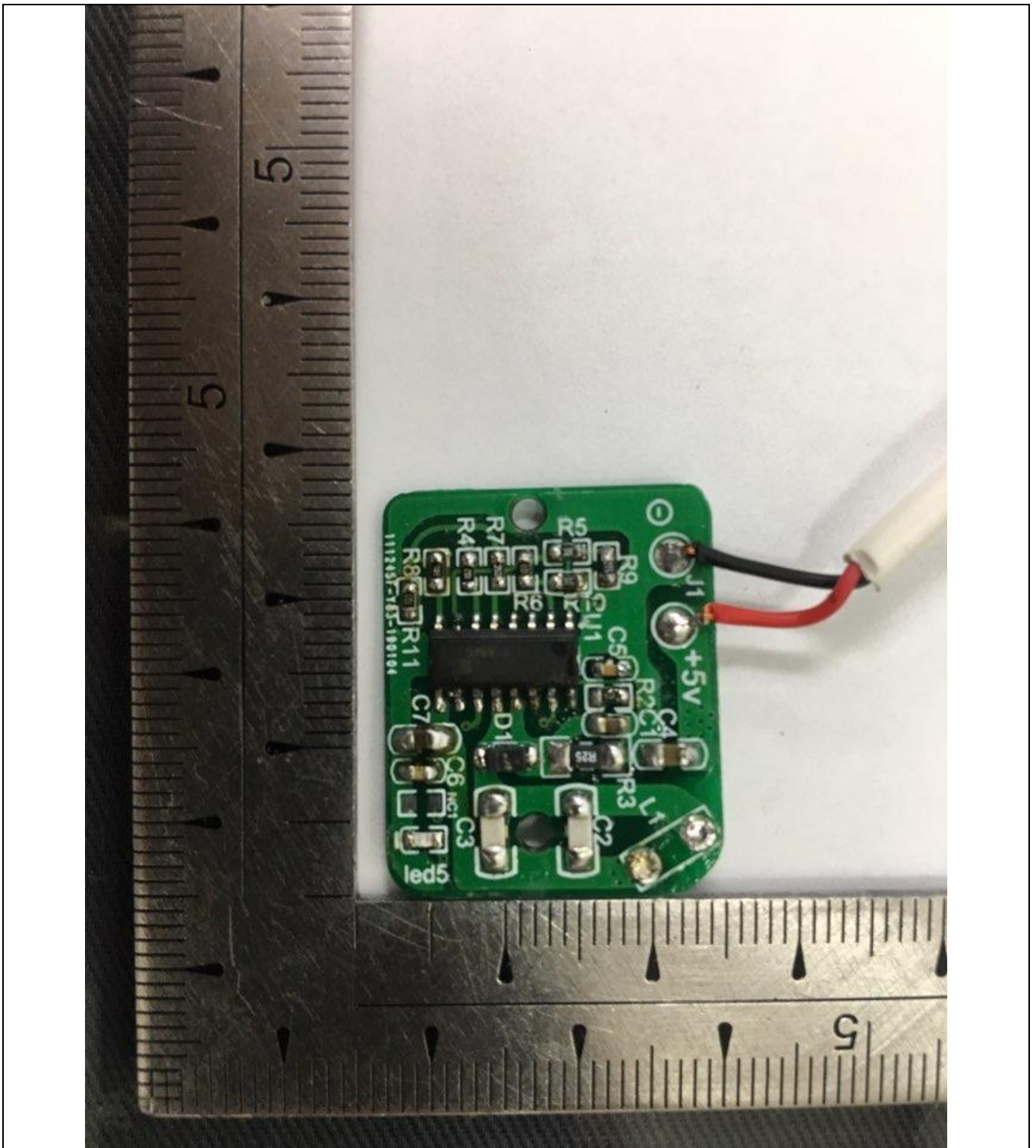
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[INTERNAL PHOTOGRAPHS]

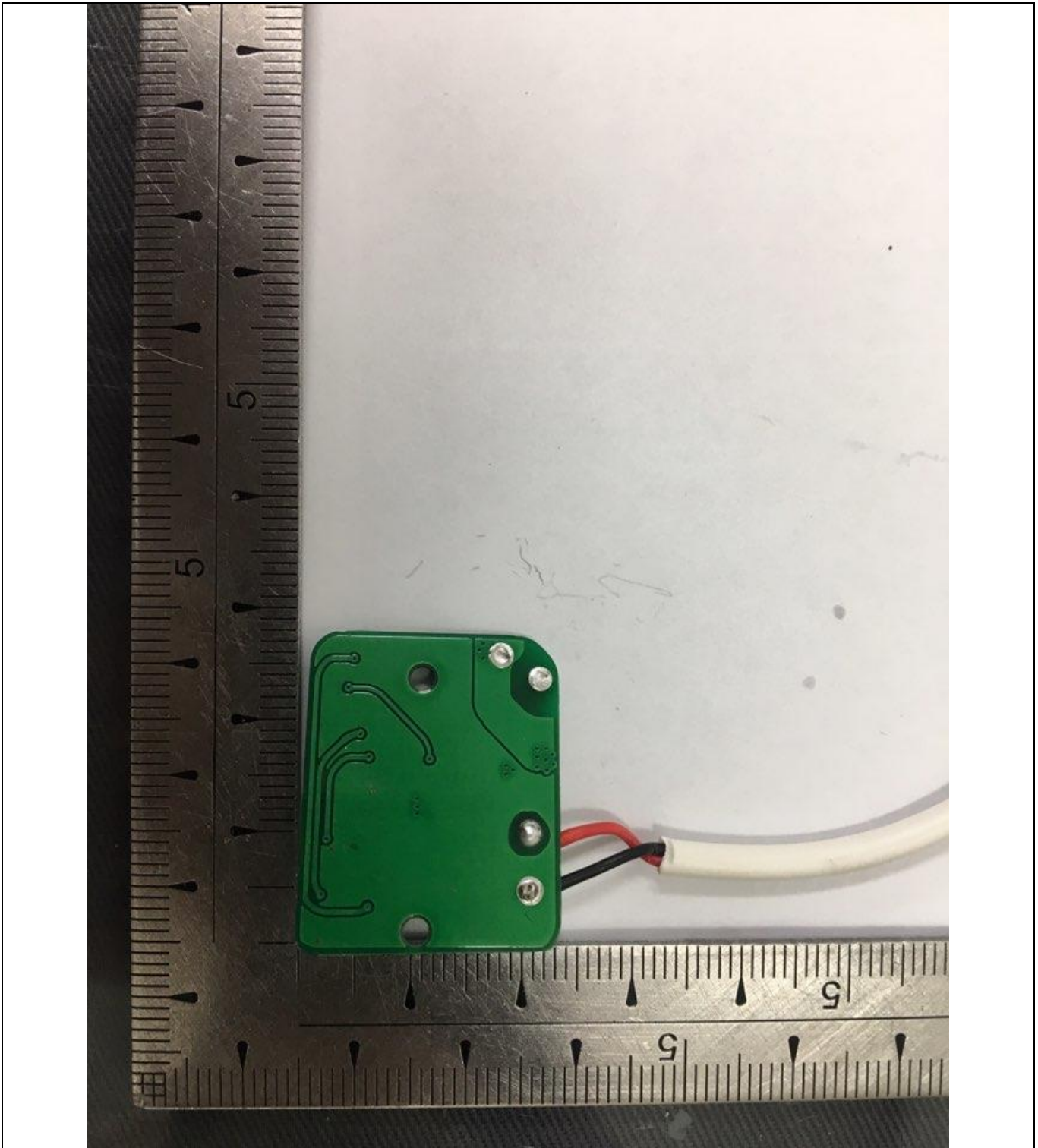












APPENDIX D
[LABELLING REQUIREMENTS]
[INFORMATION TO THE USER IN USER'S MANUAL]

LABELLING REQUIREMENTS

FCC Part 15 SUBPART B § 15.19 Labeling requirements

(a) In addition to the requirements in part 2 of this chapter, a device subject to certification, or Supplier's Declaration of Conformity shall be labeled as follows:

(1) Receivers associated with the operation of a licensed radio service, e.g., FM broadcast under part 73 of this chapter, land mobile operation under part 90 of this chapter, etc., shall bear the following statement in a conspicuous location on the device:

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

(2) A stand-alone cable input selector switch, shall bear the following statement in a conspicuous location on the device:

This device complies with part 15 of the FCC Rules for use with cable television service.

(3) All other devices shall bear the following statement in a conspicuous location on the device:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

(4) Where a device is constructed in two or more sections connected by wires and marketed together, the statement specified under paragraph (a) of this section is required to be affixed only to the main control unit.

(5) When the device is so small or for such use that it is impracticable to label it with the statement specified under paragraph (a) of this section in a font that is four-point or larger, and the device does not have a display that can show electronic labeling, then the information required by this paragraph shall be placed in the user manual and must also either be placed on the device packaging or on a removable label attached to the device.

For FCC Certification

If the device is subject to Certification: (1) Section 2.925 contains information on identification of the equipment; (2) include a label bearing an FCC Identifier (FCC ID) (Section 2.926) and (3) include the appropriate compliance statement in Section 15.19(a). If the labelling area is considered too small and therefore it is impractical (smaller than the palm of the hand) to display the compliance statement, then the statement may be placed in the user manual or product packaging. However, the device must still be labelled with the FCC ID. If the device is unquestionably too small for the FCC ID to be readable (smaller than 4-6 points), the FCC ID may be placed in the user manual. However, it must be determined that the device itself is too small – the label area allocated to the FCC ID may not be reduced because of over crowded identification of other product and regulatory information. Justification for placing the FCC ID in the manual must be submitted with the initial application for certification for review and approval.

For FCC Supplier's Declaration of Conformity (SDOC)

(a) If a product must be tested and authorized under Supplier's Declaration of Conformity, a compliance information statement shall be supplied with the product at the time of marketing or importation, containing the following information:

- (1) Identification of the product, e.g., name and model number;
- (2) A compliance statement as applicable, e.g., for devices subject to part 15 of this chapter as specified in §15.19(a)(3) of this chapter, that the product complies with the rules; and
- (3) The identification, by name, address and telephone number or Internet contact information, of the responsible party, as defined in §2.909. The responsible party for Supplier's Declaration of Conformity must be located within the United States.

(b) If a product is assembled from modular components (e.g., enclosures, power supplies and CPU boards) that, by themselves, are authorized under a Supplier's Declaration of Conformity and/or a grant of certification, and the assembled product is also subject to authorization under Supplier's Declaration of Conformity but, in accordance with the applicable regulations, does not require additional testing, the product shall be supplied, at the time of marketing or importation, with a compliance information statement containing the following information:

- (1) Identification of the assembled product, e.g., name and model number.
- (2) Identification of the modular components used in the assembly. A modular component authorized under Supplier's Declaration of Conformity shall be identified as specified in paragraph (a)(1) of this section. A modular component authorized under a grant of certification shall be identified by name and model number (if applicable) along with the FCC Identifier number.
- (3) A statement that the product complies with part 15 of this chapter.
- (4) The identification, by name, address and telephone number or Internet contact information, of the responsible party who assembled the product from modular components, as defined in §2.909. The responsible party for Supplier's Declaration of Conformity must be located within the United States.
- (5) Copies of the compliance information statements for each modular component used in the system that is authorized under Supplier's Declaration of Conformity.

(c) The compliance information statement shall be included in the user's manual or as a separate sheet. In cases where the manual is provided only in a form other than paper, such as on a computer disk or over the Internet, the information required by this section may be included in the manual in that alternative form, provided the user can reasonably be expected to have the capability to access information in that form. The information may be provided electronically as permitted in §2.935.

INFORMATION TO THE USER IN USER'S MANUAL

For FCC: The instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

For a **Class A** digital device or peripheral

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

WARNING

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

For a **Class B** digital device or peripheral

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one more of the following measures:

- . Reorient or relocate the receiving antenna.
- . Increase the separation between the equipment and receiver.
- . Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- . Consult the dealer or an experienced radio/TV technician for help.

WARNING

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.