CFR 47 FCC PART 15 SUBPART C
ISED RSS-247 ISSUE 2 (DTS)

TEST REPORT

For

Portable Power Station

MODEL NUMBER: SR0KW6L-SG1-US, PS600-US, ALM-600USCA, XP2W600USCA, PW601-600

REPORT NUMBER: E04A23080505F00801

ISSUE DATE: December 27, 2023

FCC ID: 2BBDT-SR0KW6L-SG1

IC: 30669-SR0KW6L

Prepared for

CE LINK LIMITED

ROOM 2204 22/F TUNG CHIU COMMERCIAL CENTER 193 LOCKHART ROAD WANCHAI HONG KONG SAR CHINA

Prepared by

Guangdong Global Testing Technology Co., Ltd.

Room 101-105, 203-210, Building 1, No.2, Keji 8 Road, Songshan Lake Park, Dongguan city, Guangdong, People's Republic of China, 523808

Revision History

Rev.	Issue Date	Revisions	Revised By
V0	December 27, 2023	Initial Issue	Joson

Summary of Test Results

Immunity				
Basic Standard	**Test Item**	**Test Specification**	**Criteria**	**Result**

Test Item	Clause	Limit/Requirement	Result
Antenna Requirement	N/A	FCC Part 15.203/15.247 (c) RSS-GEN Clause 6.8	Pass
AC Power Line Conducted Emission	ANSI C63.10-2013, Clause 6.2	FCC Part 15.207 RSS-GEN Clause 8.8	Pass
Conducted Output Power	ANSI C63.10-2013, Clause 11.9.1.3	FCC Part 15.247 (b)(3) RSS-247 Clause 5.4 (d)	Pass
6dB Bandwidth and 99% Occupied Bandwidth	ANSI C63.10-2013, Clause 11.8.1	FCC Part 15.247 (a)(2) RSS-247 Clause 5.2 (a) ISED RSS-Gen Clause 6.7	Pass
Power Spectral Density	ANSI C63.10-2013, Clause 11.10.2	FCC Part 15.247 (e) RSS-247 Clause 5.2 (b)	Pass
Conducted Band edge and spurious emission	ANSI C63.10-2013, Clause 11.11	FCC Part 15.247(d) RSS-247 Clause 5.5	Pass
Radiated Band edge and Spurious Emission	ANSI C63.10-2013, Clause 11.11 & Clause 11.12	FCC Part 15.247 (d) FCC Part 15.205/15.209 RSS-247 Clause 5.5 RSS-GEN Clause 8.9	Pass
Duty Cycle	ANSI C63.10-2013, Clause 11.6	None; for reporting purposes only.	Pass

*This test report is only published to and used by the applicant, and it is not for evidence purpose in China.
*The measurement result for the sample received is <Pass> according to <CFR 47 FCC PART 15 SUBPART C
ISED RSS-247 ISSUE 2 (DTS)> when <Accuracy Method> decision rule is applied.

CONTENTS

1. ATTESTATION OF TEST RESULTS 5

2. TEST METHODOLOGY 6

3. FACILITIES AND ACCREDITATION 6

4. CALIBRATION AND UNCERTAINTY 7

4.1. MEASURING INSTRUMENT CALIBRATION 7

4.2. MEASUREMENT UNCERTAINTY 7

5. EQUIPMENT UNDER TEST 8

5.1. DESCRIPTION OF EUT 8

5.2. CHANNEL LIST 10

5.3. MAXIMUM AVERAGE EIRP 10

5.4. TEST CHANNEL CONFIGURATION 10

5.5. THE WORSE CASE POWER SETTING PARAMETER 11

5.6. DESCRIPTION OF AVAILABLE ANTENNAS 12

5.7. SUPPORT UNITS FOR SYSTEM TEST 12

5.8. SETUP DIAGRAM 13

6. MEASURING EQUIPMENT AND SOFTWARE USED 14

7. ANTENNA PORT TEST RESULTS 15

7.1. Conducted Output Power 15

7.2. 6dB Bandwidth and 99% Occupied Bandwidth 17

7.3. Power Spectral Density 19

7.4. Conducted Band edge and spurious emission 21

7.5. Duty Cycle 23

8. RADIATED TEST RESULTS 24

9. ANTENNA REQUIREMENT 42

10. AC POWER LINE CONDUCTED EMISSION 43

11. TEST DATA 46

APPENDIX: PHOTOGRAPHS OF TEST CONFIGURATION 47

APPENDIX: PHOTOGRAPHS OF THE EUT 49

1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name:	CE LINK LIMITED
Address:	ROOM 2204 22/F TUNG CHIU COMMERCIAL CENTER 193 LOCKHART ROAD WANCHAI HONG KONG SAR CHINA

Manufacturer Information

Company Name:	Dongguan Hinen New Energy Technology Co., Ltd
Address:	No.24 Dongkang Road, Dalingshan Town, Dongguan City, Guangdong Province, China

EUT Information

Product Description:	Portable Power Station
Model:	SR0KW6L-SG1-US, PS600-US, ALM-600USCA, XP2W600USCA, PW601-600 (All models have the same technical construction including circuit diagram, PCB layout and component layout, except for the model name and trade mark, All tests was performed on model SR0KW6L-SG1-US)
Brand:	See the model list for details
Sample Received Date:	August 30, 2023
Sample Status:	Normal
Sample ID:	A23080505 002
Date of Tested:	August 30, 2023 to December 26, 2023

APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
CFR 47 FCC PART 15 SUBPART C **ISED RSS-247 ISSUE 2 (DTS)**	**Pass**

Prepared By:

Joson Peng

Project Engineer

Checked By:

Alan He

Manager

Approved By:

Shawn Wen

Laboratory Manager

2. TEST METHODOLOGY

All tests were performed in accordance with the standard CFR 47 FCC PART 15 SUBPART C ISED RSS-247 ISSUE 2 (DTS)

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	**A2LA (Certificate No.: 6947.01)** Guangdong Global Testing Technology Co., Ltd. has been assessed and proved to be in compliance with A2LA. **FCC (FCC Designation No.: CN1343)** Guangdong Global Testing Technology Co., Ltd. has been recognized to perform compliance testing on equipment subject to Supplier's Declaration of Conformity (SDoC) and Certification rules **ISED (Company No.: 30714)** Guangdong Global Testing Technology Co., Ltd. has been registered and fully described in a report filed with ISED. The Company Number is 30714 and the test lab Conformity Assessment Body Identifier (CABID) is CN0148.

Note: All tests measurement facilities use to collect the measurement data are located at Room 101-105, 203-210, Building 1, No.2, Keji 8 Road, Songshan Lake Park, Dongguan city, Guangdong, People's Republic of China, 523808

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations and is traceable to recognized national standards.

4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Items	k	Uncertainty
DTS Bandwidth	1.96	±9.2 PPM
20dB Emission Bandwidth	1.96	±9.2 PPM
Carrier Frequency Separation	1.96	±9.2 PPM
Time of Occupancy	1.96	±0.57%
Conducted Output Power	1.96	±1.5 dB
Power Spectral Density Level	1.96	±1.9 dB
Conducted Spurious Emission	1.96	9 kHz-30 MHz: ± 0.95 dB 30 MHz-1 GHz: ± 1.5 dB 1GHz-12.75GHz: ± 1.8 dB 12.75 GHz-26.5 GHz: ± 2.1dB
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.		

Test Item	Measurement Frequency Range	K	U(dB)
Conducted emissions from the AC mains power ports (AMN)	150 kHz ~ 30 MHz	2	3.37
Radiated emissions	9 kHz ~ 30 MHz	2	4.16
Radiated emissions	30 MHz ~ 1 GHz	2	3.79
Radiated emissions	1 GHz ~ 18 GHz	2	5.62
Radiated emissions	18 GHz ~ 40 GHz	2	5.54
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.			

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

EUT Name		Portable Power Station
Model		SR0KW6L-SG1-US
Input Rating		AC Input: 100-120V~,60Hz, 10A max., 1200W max. Solar/Car input:12-20V ⎓10A max., 200W max.
Power Supply	AC	120V~
	Battery	/

Frequency Band:	2400 MHz to 2483.5 MHz
Frequency Range:	2412 MHz to 2462 MHz
Support Standards:	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n-HT20, IEEE 802.11n-HT40
Type of Modulation:	IEEE 802.11b: DSSS(CCK, DQPSK, DBPSK) IEEE 802.11g/n: OFDM(64-QAM, 16-QAM, QPSK, BPSK)
Data Rate:	IEEE 802.11b: Up to 11 Mbps IEEE 802.11g: Up to 54 Mbps IEEE 802.11n: Up to MCS7
Number of Channels:	IEEE 802.11b/g/n-HT20: 11 IEEE 802.11n-HT40: 7
Maximum Peak Power:	IEEE 802.11b: 15.25 dBm IEEE 802.11g: 14.45dBm IEEE 802.11n-HT20: 14.08 dBm IEEE 802.11n-HT40: 12.79 dBm
Antenna Type:	PCB Antenna
Antenna Gain:	2.2dBi
Hardware version:	V1.0
Software version:	V1.0

Model list:

Model No.	Ratings	Trade mark	
SR0KW6L-SG1-US	Battery capacity: 512Wh, 25.6V ⎓ 20Ah Discharge temperature range: -20-45℃ Charge temperature range: 0-45℃ AC Input: 100-120V~,60Hz, 10A max., 1200W max. Solar/Car input:12-20V ⎓ 10A max., 200W max. AC socket output x2 (Inverter Mode): 100-120V~, 60Hz, 6A max., Total 600W max. AC socket output x2 (Bypass Mode): 100-120V~, 60Hz, 6A max., Total 600W max. Cigarette lighter output/DC 5521 total: 126W max. Cigarette lighter output: 12.6V ⎓ 10A max. DC 5521 output x2:126V ⎓ 3A max. USB-C1/C2 output:5/9/12/15V ⎓ 3A, 20V ⎓ 5A, 100W max. USB-A1/A2 output: 5V ⎓ 2,4A, 12W max.	CE-LINK	CE-LINK®
PS600-US		HINEN	hinen
ALM-600USCA		BOLT	BOLT
XP2W600USCA		xtorm	xtorm
PW601-600		WECONNEX	WECONNEX

5.2. CHANNEL LIST

Channel List for 802.11b/g/n (20 MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2412	4	2427	7	2442	10	2457
2	2417	5	2432	8	2447	11	2462
3	2422	6	2437	9	2452	/	/

Channel List for 802.11n (40 MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
3	2422	5	2432	7	2442	9	2452
4	2427	6	2437	8	2447	/	/

5.3. MAXIMUM PEAK EIRP

IEEE Std. 802.11	Frequency (MHz)	Channel Number	Maximum Conducted Peak Output Power (dBm)	Maximum AVG EIRP (dBm)
b	2412 ~ 2462	1-11[11]	15.25	17.45
g	2412 ~ 2462	1-11[11]	14.45	16.65
n HT20	2412 ~ 2462	1-11[11]	14.08	16.28
n HT40	2422 ~ 2452	3-9[7]	12.79	14.99

5.4. TEST CHANNEL CONFIGURATION

IEEE Std. 802.11	Test Channel Number	Frequency
b	CH 1(Low Channel), CH 6(MID Channel), CH 11(High Channel)	2412 MHz, 2437 MHz, 2462 MHz
g	CH 1(Low Channel), CH 6(MID Channel), CH 11(High Channel)	2412 MHz, 2437 MHz, 2462 MHz
n HT20	CH 1(Low Channel), CH 6(MID Channel), CH 11(High Channel)	2412 MHz, 2437 MHz, 2462 MHz
n HT40	CH 3(Low Channel), CH 6(MID Channel), CH 9(High Channel)	2422 MHz, 2437 MHz, 2452 MHz

5.5. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter under 2400 ~ 2483.5MHz Band							
Test Software		Wifi Test Tool v1.6.0 release					
Modulation Mode	Transmit Antenna Number	Test Channel					
		NCB: 20MHz			NCB: 40MHz		
		CH 1	CH 6	CH 11	CH 3	CH 6	CH 9
802.11b	1	0	0	0			
802.11g	1	0	0	0			
802.11n HT20	1	0	0	0			
802.11n HT40	1				0	0	0

WORST-CASE CONFIGURATIONS

The EUT was tested in the following configuration(s):

Controlled in test mode using a software application on the EUT supplied by customer. The application was used to enable a continuous transmission and to select the mode, test channels, bandwidth, data rates as required.

Test channels referring to section 5.4.

Maximum power setting referring to section 5.5.

Worst-case data rates as provided by the client were:

802.11b mode: 1 Mbps
802.11g mode: 6 Mbps
802.11n HT20 mode: MCS0
802.11n HT40 mode: MCS0

The measured additional path loss was included in any path loss calculations for all RF cable used during tested.

Conducted output power, power spectral density tests separately on each port with all supported SISO & MIMO port combinations.

Conducted bandedge and spurious emissions tests were performed with SISO mode, as this port was found to have the worst case in terms of power settings amongst all supported possible SISO & MIMO port combinations.

Radiated emissions tests were performed with the MIMO modes. These were found to be the worst modulation scheme with regards to emissions after preliminary investigations and, as this mode emits the highest conducted output power level, it was deemed to be the worst case.

The EUT support Cyclic Shift Diversity(CDD), Space Time Coding(STBC), Spartial Division Multiplexing(SDM) modes. They use the same conducted power per chain in any given mode, so we only chose the worst case mode CDD for final testing.

5.6. DESCRIPTION OF AVAILABLE ANTENNAS

Antenna	Frequency (MHz)	Antenna Type	MAX Antenna Gain (dBi)
1	2412-2462	PCB Antenna	2.2

Test Mode	Transmit and Receive Mode	Description
IEEE 802.11b	☒1TX, 1RX	ANT 1 can be used as transmitting/receiving antenna.
IEEE 802.11g	☒1TX, 1RX	ANT 1 can be used as transmitting/receiving antenna.
IEEE 802.11n HT20	☒1TX, 1RX	ANT 1 can be used as transmitting/receiving antenna.
IEEE 802.11n HT40	☒1TX, 1RX	ANT 1 can be used as transmitting/receiving antenna.

Note: The value of the antenna gain was declared by customer.

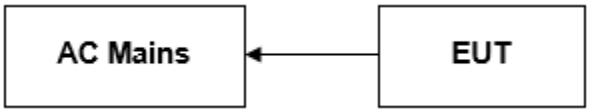
5.7. SUPPORT UNITS FOR SYSTEM TEST

The EUT has been tested as an independent unit

Item	Equipment	Trademark	Model No.	FCC ID	Note
1.	Portable Power Station	CE-LINK, hinen	SR0KW6L-SG1-US	2BBDT-SR0KW6L-SG1	***EUT***
2.	PC	Lenovo	T14	/	***AE***

5.8. SETUP DIAGRAM

AC conducted emission



Radiated Emission:

RF conducted:

6. MEASURING EQUIPMENT AND SOFTWARE USED

Test Equipment of Conducted RF					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal.**	**Due Date**
Spectrum Analyzer	Rohde & Schwarz	FSV40	102257	2023/09/18	2024/09/17
Spectrum Analyzer	KEYSIGHT	N9020A	MY51285127	2023/09/18	2024/09/17
EXG Analog Signal Generator	KEYSIGHT	N5173B	MY61253075	2023/09/18	2024/09/17
Vector Signal Generator	Rohde & Schwarz	SMM100A	101899	2023/09/18	2024/09/17
RF Control box	MWRF-test	MW100-RFCB	MW220926GTG	2023/09/18	2024/09/17
Wideband Radio Communication Tester	Rohde & Schwarz	CMW270	102792	2023/09/18	2024/09/17
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	103235	2023/09/18	2024/09/17
temperature humidity chamber	Espec	SH-241	SH-241-2014	2023/09/18	2024/09/17
RF Test Software	MWRF-test	MTS8310E (Ver. V2/0)	N/A	N/A	N/A

Test Equipment of Radiated emissions below 1GHz					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal.**	**Due Date**
3m Semi-anechoic Chamber	ETS	9m*6m*6m	Q2146	2022/08/30	2025/08/29
EMI Test Receiver	Rohde & Schwarz	ESCI3	101409	2023/09/18	2024/09/17
Spectrum Analyzer	KEYSIGHT	N9020A	MY51283932	2023/09/18	2024/09/17
Pre-Amplifier	HzEMC	HPA-9K0130	HYPA21001	2023/09/18	2024/09/17
Biconilog Antenna	Schwarzbeck	VULB 9168	01315	2022/10/10	2025/10/09
Biconilog Antenna	ETS	3142E	00243646	2022/03/23	2025/03/22
Loop Antenna	ETS	6502	243668	2022/03/30	2025/03/29
Test Software	Farad	EZ-EMC (Ver.FA-03A2 RE)	N/A	N/A	N/A

Test Equipment of Radiated emissions above 1GHz					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal.**	**Due Date**
3m Semi-anechoic Chamber	ETS	9m*6m*6m	Q2149	2022/08/30	2025/08/29
Spectrum Analyzer	Rohde & Schwarz	FSV40	101413	2023/09/18	2024/09/17
Spectrum Analyzer	KEYSIGHT	N9020A	MY51283932	2023/09/18	2024/09/17
Pre-Amplifier	A-INFO	HPA-1G1850	HYPA21003	2023/09/18	2024/09/17
Horn antenna	A-INFO	3117	246069	2022/03/11	2025/03/10
Pre-Amplifier	ZKJC	HPA-184057	HYPA21004	2023/09/18	2024/09/17
Horn antenna	ZKJC	3116C	246265	2022/03/29	2025/03/28
Test Software	Farad	EZ-EMC (Ver.FA-03A2 RE+)	N/A	N/A	N/A

Test Equipment of Conducted emissions					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal.**	**Due Date**
Shielded Room	CHENG YU	8m*5m*4m	N/A	2022/10/29	2025/10/28
EMI Test Receiver	Rohde & Schwarz	ESR3	102647	2023/09/18	2024/09/17
LISN/AMN	Rohde & Schwarz	ENV216	102843	2023/09/18	2024/09/17
NNLK 8129 RC	Schwarzbeck	NNLK 8129 RC	5046	2023/09/18	2024/09/17
Test Software	Farad	EZ-EMC (Ver. EMC-con-3A1 1+)	N/A	N/A	N/A

7. ANTENNA PORT TEST RESULTS

7.1. CONDUCTED OUTPUT POWER

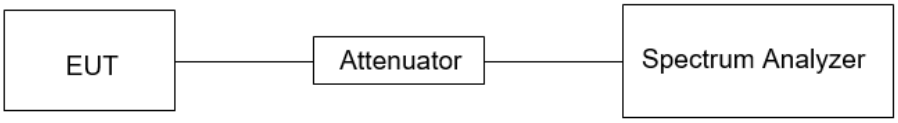
LIMITS

CFR 47 FCC Part15 (15.247) Subpart C ISED RSS-247 ISSUE 2			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC 15.247(b)(3) ISED RSS-247 5.4 (d)	Peak Conduct Output Power	1 watt or 30 dBm	2400-2483.5

TEST PROCEDURE

Connect the EUT to a low loss RF cable from the antenna port to the power sensor (video bandwidth is greater than the occupied bandwidth).
Measure peak emission level, the indicated level is the peak output power, after any corrections for external attenuators and cables.

TEST SETUP



TEST ENVIRONMENT

Temperature	24℃	Relative Humidity	55%
Atmosphere Pressure	101kPa		

TEST RESULTS

Please refer to section "Test Data" - Appendix B

7.2. 6DB BANDWIDTH AND 99% OCCUPIED BANDWIDTH

LIMITS

CFR 47 FCC Part15 (15.247) Subpart C ISED RSS-247 ISSUE 2			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC 15.247(a)(2) ISED RSS-247 5.2 (a)	6 dB Bandwidth	≥ 500 kHz	2400-2483.5
ISED RSS-Gen Clause 6.7	99 % Occupied Bandwidth	For reporting purposes only.	2400-2483.5

TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 11.8 for DTS bandwidth and clause 6.9 for Occupied Bandwidth.

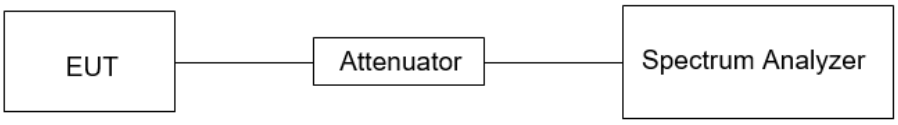
Connect the EUT to the spectrum analyser and use the following settings:

Center Frequency	The center frequency of the channel under test
Frequency Span	For 6 dB Bandwidth: Enough to capture all products of the modulation carrier emission For 99 % Occupied Bandwidth: Between 1.5 times and 5.0 times the OBW
Detector	Peak
RBW	For 6 dB Bandwidth: 100 kHz For 99 % Occupied Bandwidth: 1 % to 5 % of the occupied bandwidth
VBW	For 6 dB Bandwidth: ≥3 × RBW For 99 % Occupied Bandwidth: ≥3 × RBW
Trace	Max hold
Sweep	Auto couple

a) Use the 99 % power bandwidth function of the instrument, allow the trace to stabilize and report the measured bandwidth.

b) Allow the trace to stabilize and measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

TEST SETUP



TEST ENVIRONMENT

Temperature	24℃	Relative Humidity	55%
Atmosphere Pressure	101kPa		

TEST RESULTS

Please refer to section "Test Data" - Appendix B

7.3. POWER SPECTRAL DENSITY

LIMITS

CFR 47 FCC Part15 (15.247) Subpart C ISED RSS-247 ISSUE 2			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC §15.247 (e) ISED RSS-247 5.2 (b)	Power Spectral Density	8 dBm in any 3 kHz band	2400-2483.5

TEST PROCEDURE

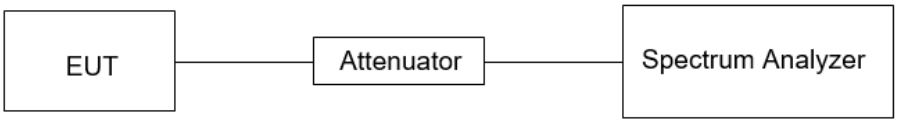
Refer to ANSI C63.10-2013 clause 11.10.

Connect the EUT to the spectrum analyser and use the following settings:

Center Frequency	The center frequency of the channel under test
Detector	PEAK
RBW	3 kHz ≤ RBW ≤ 100 kHz
VBW	≥3 × RBW
Span	1.5 x DTS bandwidth
Trace	Max hold
Sweep time	Auto couple

Allow trace to fully stabilize and use the peak marker function to determine the maximum amplitude level within the RBW.
If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

TEST SETUP



TEST ENVIRONMENT

Temperature	24℃	Relative Humidity	55%
Atmosphere Pressure	101kPa		

TEST RESULTS

Please refer to section "Test Data" - Appendix B

7.4. CONDUCTED BAND EDGE AND SPURIOUS EMISSION

LIMITS

CFR 47 FCC Part15 (15.247) Subpart C ISED RSS-247 ISSUE 2		
Section	Test Item	Limit
CFR 47 FCC §15.247 (d) ISED RSS-247 5.5	Conducted Bandedge and Spurious Emissions	at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power

TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 11.11 and 11.13.

Connect the EUT to the spectrum analyser and use the following settings for reference level measurement:

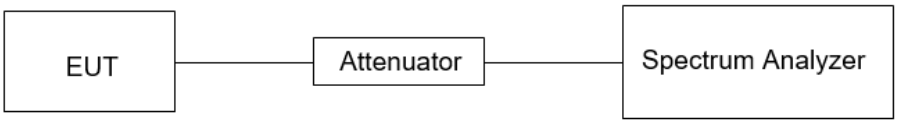
Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	100 kHz
VBW	≥3 × RBW
Span	1.5 x DTS bandwidth
Trace	Max hold
Sweep time	Auto couple.

Allow trace to fully stabilize and use the peak marker function to determine the maximum PSD level. Change the settings for emission level measurement:

Span	Set the center frequency and span to encompass frequency range to be measured
Detector	Peak
RBW	100 kHz
VBW	≥3 × RBW
measurement points	≥span/RBW
Trace	Max hold
Sweep time	Auto couple.

Allow trace to fully stabilize and use the peak marker function to determine the maximum PSD level. Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) is attenuated by at least the minimum requirements specified in 11.11.

TEST SETUP



TEST ENVIRONMENT

Temperature	24℃	Relative Humidity	55%
Atmosphere Pressure	101kPa		

TEST RESULTS

Please refer to section "Test Data" - Appendix B

7.5. DUTY CYCLE

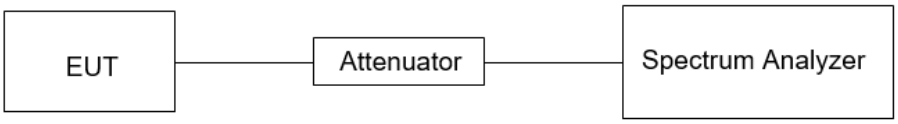
LIMITS

None; for reporting purposes only.

TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 11.6 Zero – Span Spectrum Analyzer method.

TEST SETUP



TEST ENVIRONMENT

Temperature	24℃	Relative Humidity	55%
Atmosphere Pressure	101kPa		

TEST RESULTS

Please refer to section "Test Data" - Appendix B

8. RADIATED TEST RESULTS

LIMITS

Please refer to CFR 47 FCC §15.205 and §15.209.

Please refer to ISED RSS-GEN Clause 8.9 and Clause 8.10.

Radiation Disturbance Test Limit for FCC (Class B) (9 kHz ~ 1 GHz)

Emissions radiated outside of the specified frequency bands above 30 MHz			
Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m	
		Quasi-Peak	
30 - 88	100	40	
88 - 216	150	43.5	
216 - 960	200	46	
Above 960	500	54	
Above 1000	500	Peak	Average
		74	54

FCC Emissions radiated outside of the specified frequency bands below 30 MHz		
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30

ISED General field strength limits at frequencies below 30 MHz

Table 6 – General field strength limits at frequencies below 30 MHz

Frequency	Magnetic field strength (H-Field) (µA/m)	Measurement distance (m)
9 - 490 kHz[Note 1]	6.37/F (F in kHz)	300
490 - 1705 kHz	63.7/F (F in kHz)	30
1.705 - 30 MHz	0.08	30

Note 1: The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

ISED Restricted bands please refer to ISED RSS-GEN Clause 8.10

Table 7 – Restricted frequency bands[Note 1]

MHz	MHz	GHz
0.090 - 0.110	149.9 - 150.05	9.0 - 9.2
0.495 - 0.505	156.52475 - 156.52525	9.3 - 9.5
2.1735 - 2.1905	156.7 - 156.9	10.6 - 12.7
3.020 - 3.026	162.0125 - 167.17	13.25 - 13.4
4.125 - 4.128	167.72 - 173.2	14.47 - 14.5
4.17725 - 4.17775	240 – 285	15.35 - 16.2
4.20725 - 4.20775	322 - 335.4	17.7 - 21.4
5.677 - 5.683	399.9 - 410	22.01 - 23.12
6.215 - 6.218	608 - 614	23.6 - 24.0
6.26775 - 6.26825	960 - 1427	31.2 - 31.8
6.31175 - 6.31225	1435 - 1626.5	36.43 - 36.5
8.291 - 8.294	1645.5 - 1646.5	Above 38.6
8.362 - 8.366	1660 - 1710	
8.37625 - 8.38675	1718.8 - 1722.2	
8.41425 - 8.41475	2200 - 2300	
12.29 - 12.293	2310 - 2390	
12.51975 - 12.52025	2483.5 - 2500	
12.57675 - 12.57725	2655 - 2900	
13.36 - 13.41	3260 – 3267	
16.42 - 16.423	3332 - 3339	
16.69475 - 16.69525	3345.8 - 3358	
16.80425 - 16.80475	3500 - 4400	
25.5 - 25.67	4500 - 5150	
37.5 - 38.25	5350 - 5460	
73 - 74.6	7250 - 7750	
74.8 - 75.2	8025 – 8500	
108 – 138		

Note 1: Certain frequency bands listed in table 7 and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.

FCC Restricted bands of operation refer to FCC §15.205 (a):

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
[1]0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	([2])
13.36-13.41			

Note:1. Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.
2. Above 38.6c

TEST PROCEDURE

Below 30 MHz

The setting of the spectrum analyser

RBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)
VBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)
Sweep	Auto

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.4.

2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 80 cm above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1 m height antenna tower.

5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz Radiated emission limits in these three bands are based on measurements employing an average detector.

6. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak and average detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak and average detector and reported.

7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.

8. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377Ω. For example, the measurement frequency X KHz resulted in a level of Y dBuV/m, which is equivalent to Y-51.5 = Z dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

Below 1 GHz and above 30 MHz

The setting of the spectrum analyser

RBW	120 kHz
VBW	300 kHz
Sweep	Auto
Detector	Peak/QP
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.5.

2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 80 cm above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

Above 1G

The setting of the spectrum analyser

RBW	1 MHz
VBW	PEAK: 3 MHz AVG: see note 6
Sweep	Auto
Detector	Peak
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.6.

2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

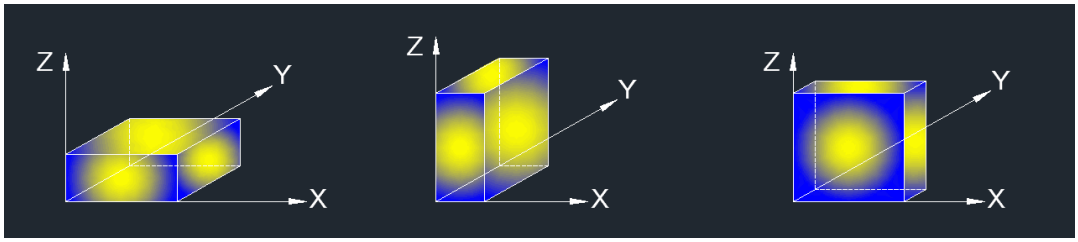
3. The EUT was placed on a turntable with 1.5 m above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement above 1 GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.

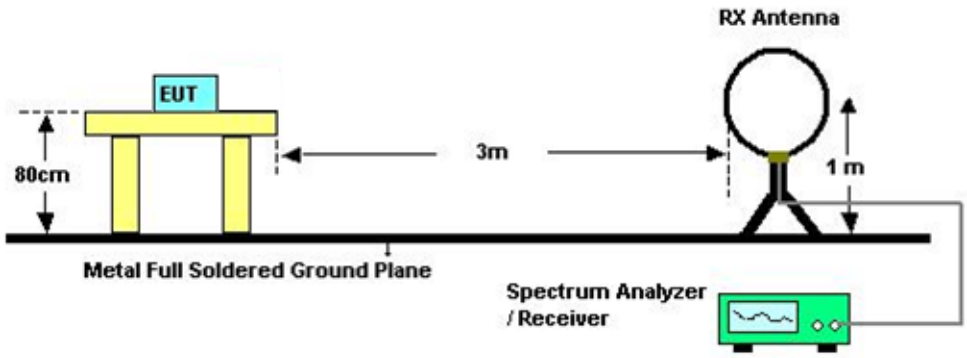
6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause 7.1.ON TIME AND DUTY CYCLE.

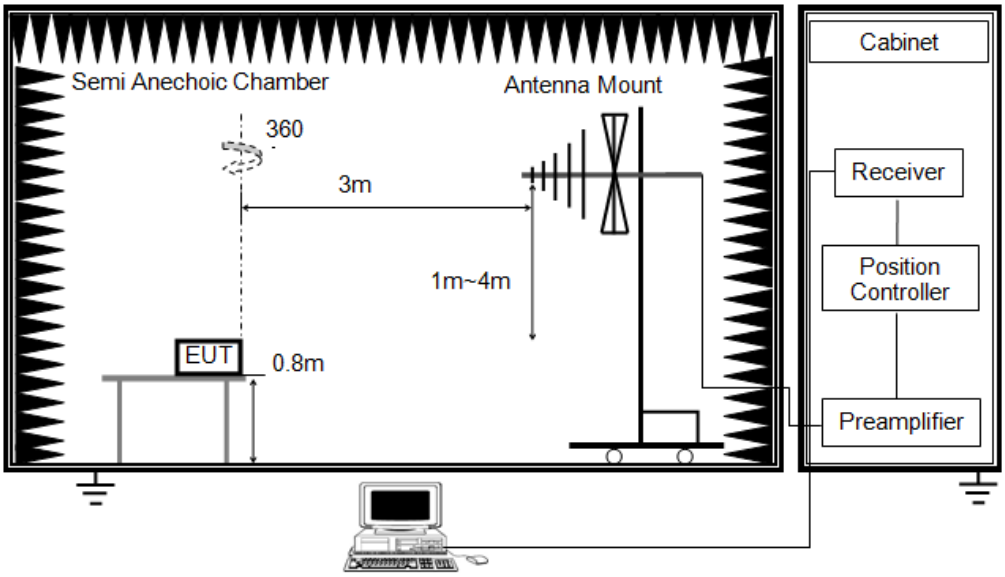
X axis, Y axis, Z axis positions:

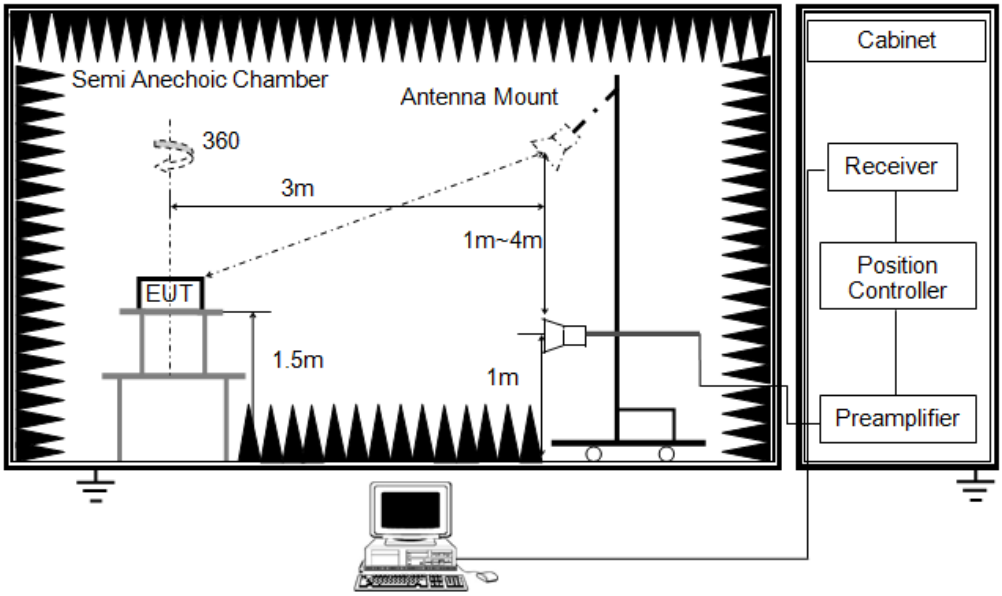


Note 1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.

TEST SETUP





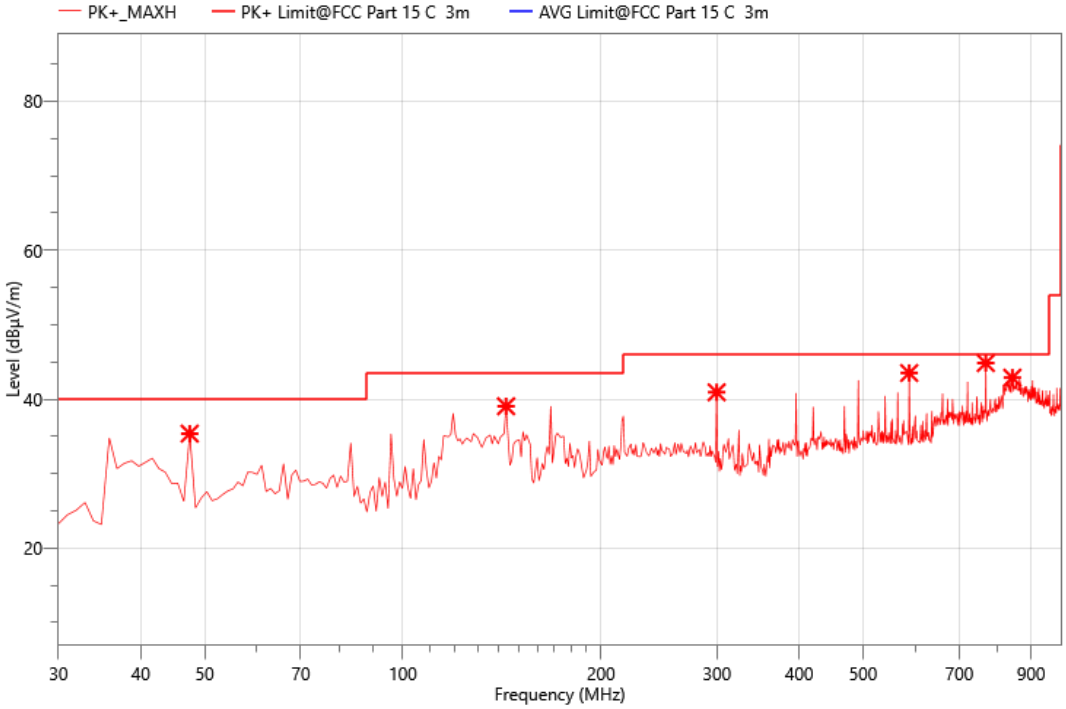


TEST ENVIRONMENT

Temperature	23℃	Relative Humidity	56%
Atmosphere Pressure	101kPa		

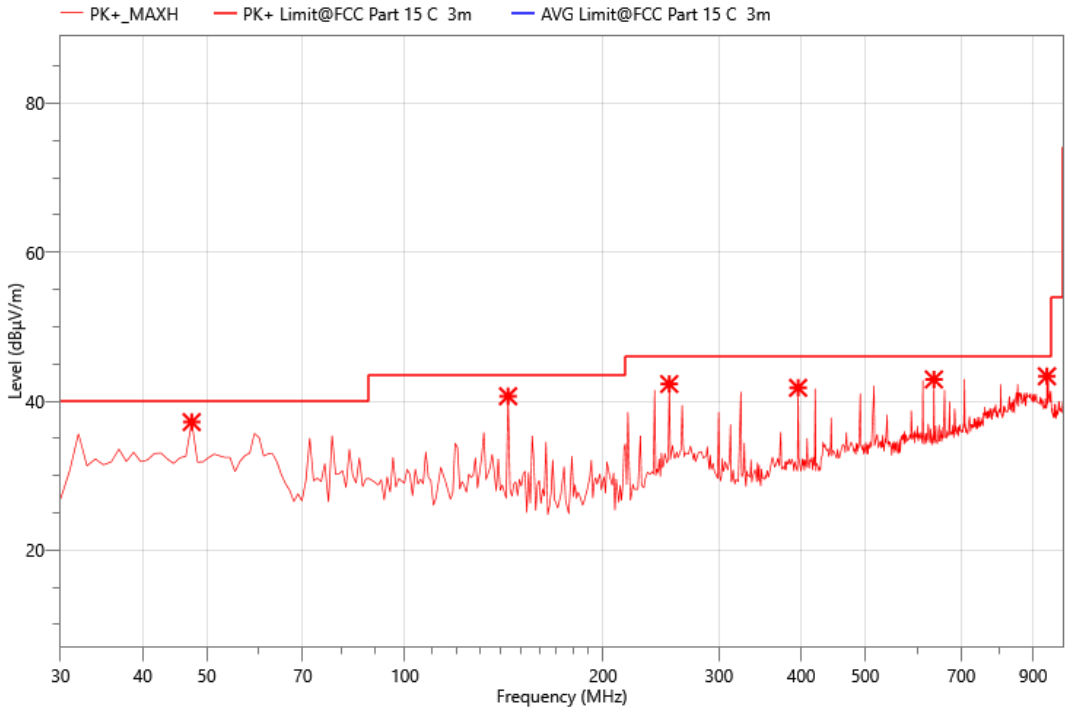
TEST RESULTS

The worst data of the mode (802.11b 2412MHz) are recorded in the following pages.



Site:	**LAB**	**Antenna:** **Horizontal**	**Temperature(C):23(C)**
Limit:	**FCC Part 15 C 3m Radiation(QP)**		**Humidity(%):56%**
EUT:	**Portable Power Station**	**Test Time:**	**2023-09-08**
M/N.:	**SR0KW6L-SG1-US**	**Power Rating:**	**AC 120V**
Mode:	**802.11b 2412MHz**	**Test Engineer:**	**Luffy**
Note:			

No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.	Corr. (dB)
1	47.460	39.38	35.37	40.00	4.63	PK+	H	-4.01
2	143.490	44.70	39.05	43.50	4.45	PK+	H	-5.65
3	299.660	41.37	40.93	46.00	5.07	PK+	H	-0.44
4	587.750	35.97	43.51	46.00	2.49	PK+	H	7.54
5	768.170	33.17	44.84	46.00	1.16	PK+	H	11.67
6	842.860	28.91	42.88	46.00	3.12	PK+	H	13.97



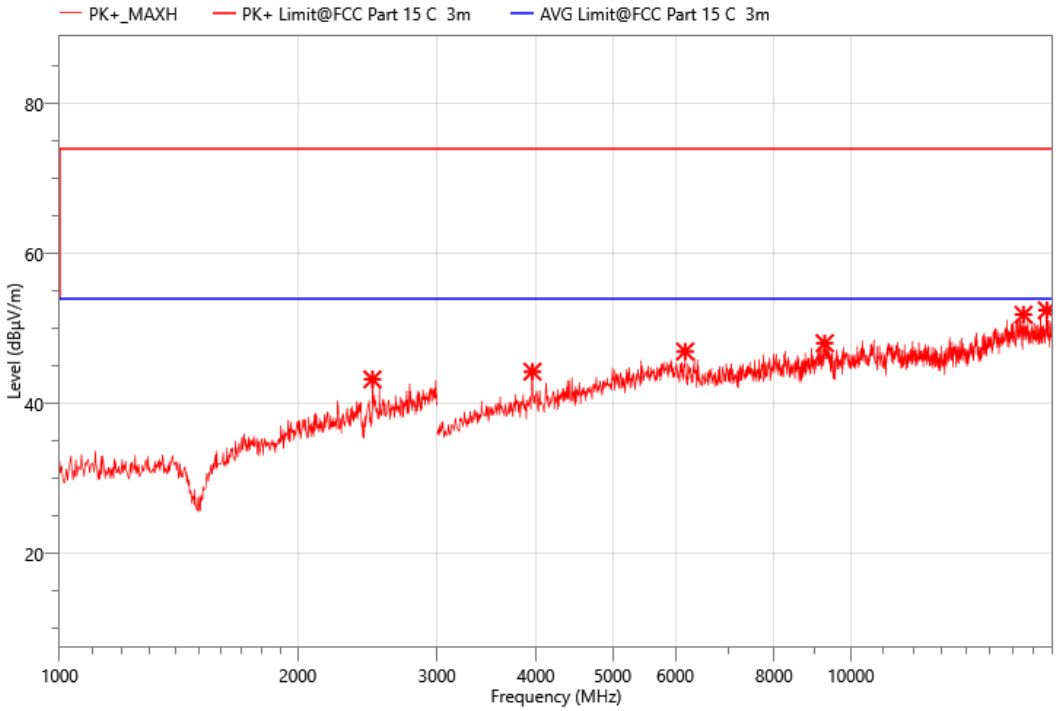
Site:	**LAB**	**Antenna: Vertical**	**Temperature(C):23(C)**
Limit:	**FCC Part 15 C 3m Radiation(QP)**		**Humidity(%):56%**
EUT:	**Portable Power Station**	**Test Time:**	**2023-09-08**
M/N.:	**SR0KW6L-SG1-US**	**Power Rating:**	**AC 120V**
Mode:	**802.11b 2412MHz**	**Test Engineer:**	**Luffy**
Note:			

No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.	Corr. (dB)
1	47.460	41.20	37.19	40.00	2.81	PK+	V	-4.01
2	143.490	46.31	40.66	43.50	2.84	PK+	V	-5.65
3	252.130	44.94	42.30	46.00	3.70	PK+	V	-2.64
4	395.690	39.00	41.79	46.00	4.21	PK+	V	2.79
5	636.250	34.34	42.92	46.00	3.08	PK+	V	8.58
6	944.710	31.66	43.35	46.00	2.65	PK+	V	11.69

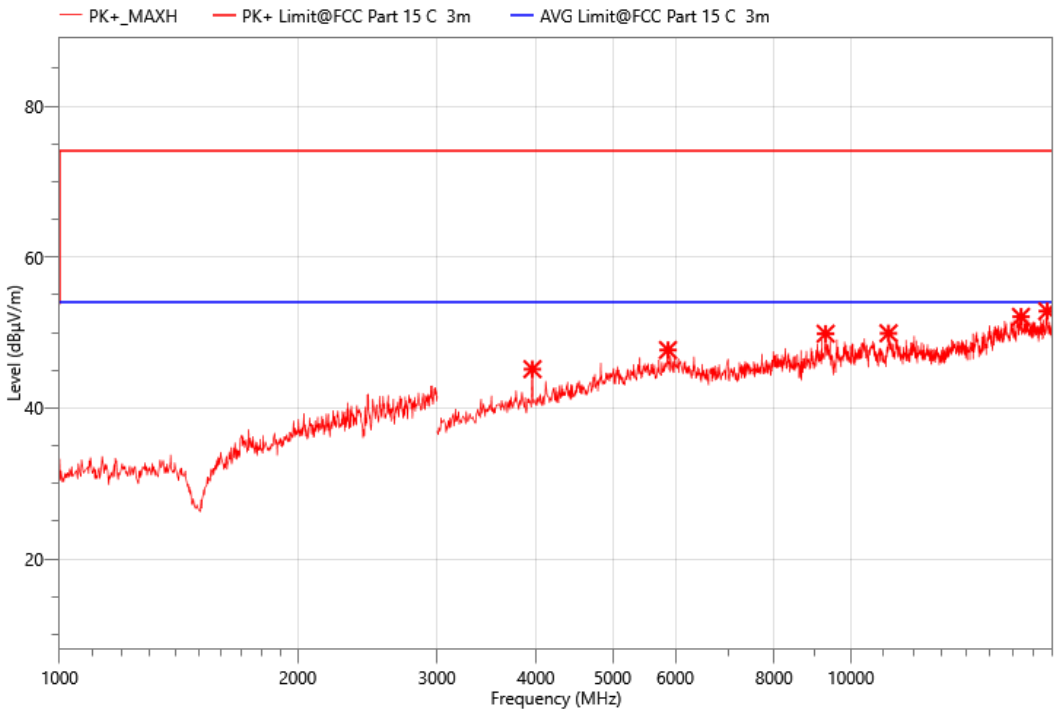
Above 1000MHz~10th Harmonics:

All the modulation modes were tested the data of the worst mode (TX 802.11b) are recorded in the following pages and the others modulation methods do not exceed the limits. The frequency range from 1GHz to 25GHz is investigated.

Temperature :	24℃	Test Date :	2023-09-08
Humidity :	55 %	Test By:	Vier
Test mode:	801.11b(2412MHz)	Frequency(MHz):	2412

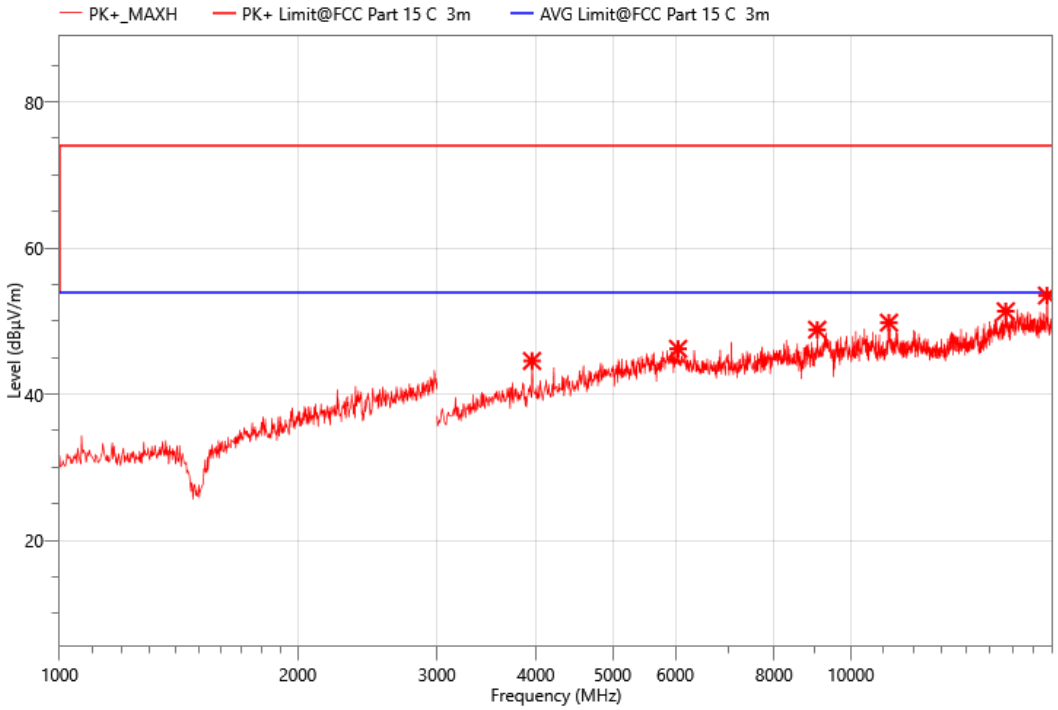


No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.	Corr. (dB)
1	2486.000	54.29	43.23	74.00	30.77	PK+	H	-11.06
2	3960.000	57.03	44.26	74.00	29.74	PK+	H	-12.77
3	6175.000	52.15	46.95	74.00	27.05	PK+	H	-5.2
4	9270.000	48.64	48.05	74.00	25.95	PK+	H	-0.59
5	16530.000	48.19	51.86	74.00	22.14	PK+	H	3.67
6	17695.000	47.61	52.44	74.00	21.56	PK+	H	4.83

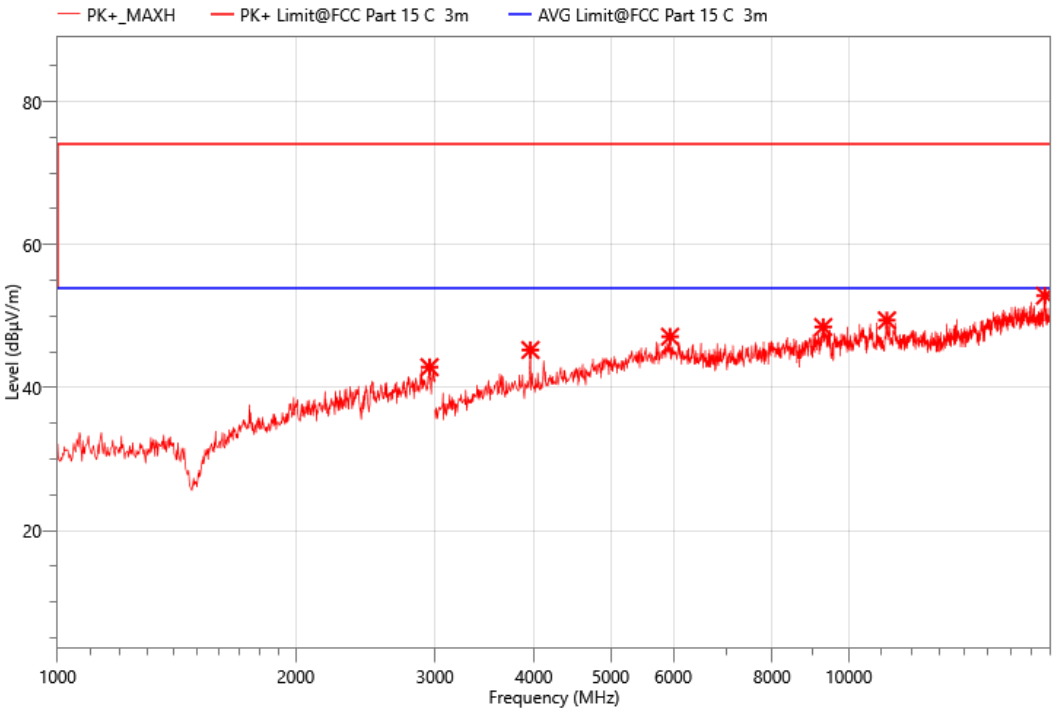


No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.	Corr. (dB)
1	3960.000	57.93	45.16	74.00	28.84	PK+	V	-12.77
2	5875.000	53.41	47.69	74.00	26.31	PK+	V	-5.72
3	9295.000	50.64	49.86	74.00	24.14	PK+	V	-0.78
4	11160.000	48.99	49.91	74.00	24.09	PK+	V	0.92
5	16410.000	47.90	52.09	74.00	21.91	PK+	V	4.19
6	17715.000	48.37	52.84	74.00	21.16	PK+	V	4.47

Temperature :	24℃	Test Date :	2023-09-08
Humidity :	55 %	Test By:	Vier
Test mode:	801.11b(2437MHz)	Frequency(MHz):	2437

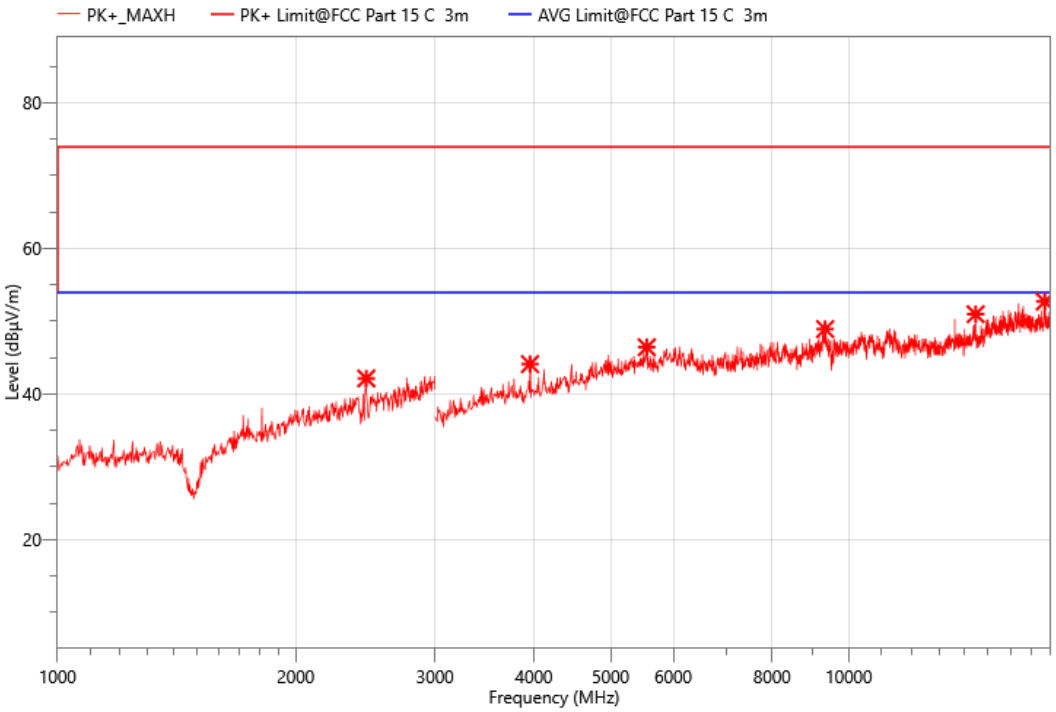


No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.	Corr. (dB)
1	3955.000	57.33	44.56	74.00	29.44	PK+	H	-12.77
2	6050.000	51.00	46.22	74.00	27.78	PK+	H	-4.78
3	9070.000	50.72	48.83	74.00	25.17	PK+	H	-1.89
4	11175.000	49.07	49.80	74.00	24.20	PK+	H	0.73
5	15700.000	48.40	51.36	74.00	22.64	PK+	H	2.96
6	17700.000	48.75	53.50	74.00	20.50	PK+	H	4.75

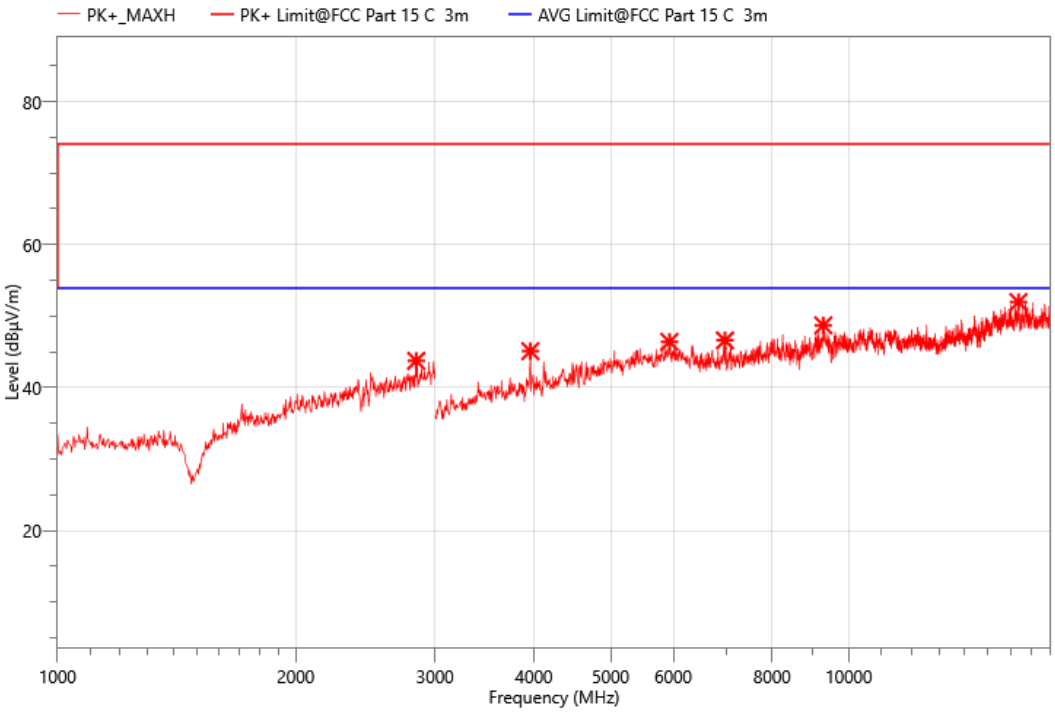


No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.	Corr. (dB)
1	2952.000	52.68	42.87	74.00	31.13	PK+	V	-9.81
2	3960.000	58.04	45.27	74.00	28.73	PK+	V	-12.77
3	5945.000	52.74	47.13	74.00	26.87	PK+	V	-5.61
4	9285.000	49.14	48.49	74.00	25.51	PK+	V	-0.65
5	11175.000	48.70	49.43	74.00	24.57	PK+	V	0.73
6	17700.000	48.11	52.86	74.00	21.14	PK+	V	4.75

Temperature :	24℃	Test Date :	2023-09-08
Humidity :	55 %	Test By:	Vier
Test mode:	801.11b(2462MHz)	Frequency(MHz):	2462



No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.	Corr. (dB)
1	2456.000	53.34	42.15	74.00	31.85	PK+	H	-11.19
2	3955.000	56.89	44.12	74.00	29.88	PK+	H	-12.77
3	5555.000	53.18	46.44	74.00	27.56	PK+	H	-6.74
4	9335.000	49.78	48.93	74.00	25.07	PK+	H	-0.85
5	14465.000	49.06	50.97	74.00	23.03	PK+	H	1.91
6	17690.000	47.79	52.70	74.00	21.30	PK+	H	4.91



No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.	Corr. (dB)
1	2840.000	54.06	43.76	74.00	30.24	PK+	V	-10.3
2	3960.000	57.88	45.11	74.00	28.89	PK+	V	-12.77
3	5935.000	51.94	46.41	74.00	27.59	PK+	V	-5.53
4	6975.000	49.80	46.62	74.00	27.38	PK+	V	-3.18
5	9285.000	49.38	48.73	74.00	25.27	PK+	V	-0.65
6	16385.000	47.96	51.98	74.00	22.02	PK+	V	4.02

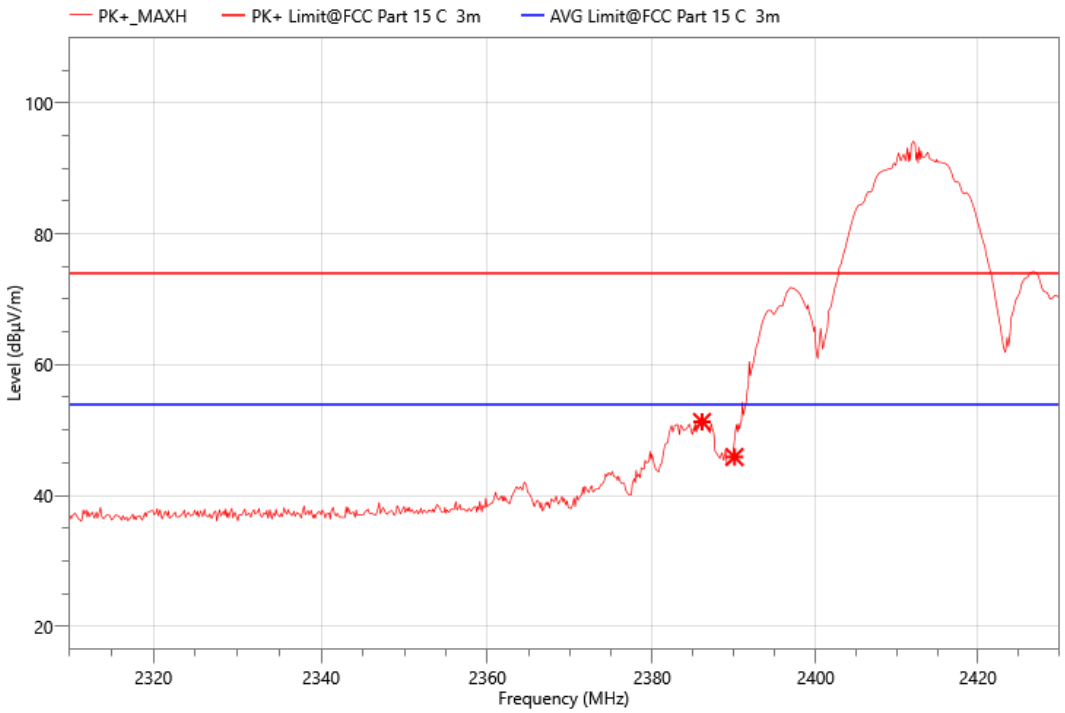
No others harmonics emissions are higher than 20 dB below the limits of 47 CFR Part 15.247.

Note: (1) All Readings are Peak Value.
(2) Emission Level= Reading Level+ Probe Factor +Cable Loss.
(3) The average measurement was not performed when the peak measured data under the limit of average detection.
(4) Measuring frequencies from 1GHz to 25GHz.

Band Edge (Radiated Test)

802.11b 2412MHz

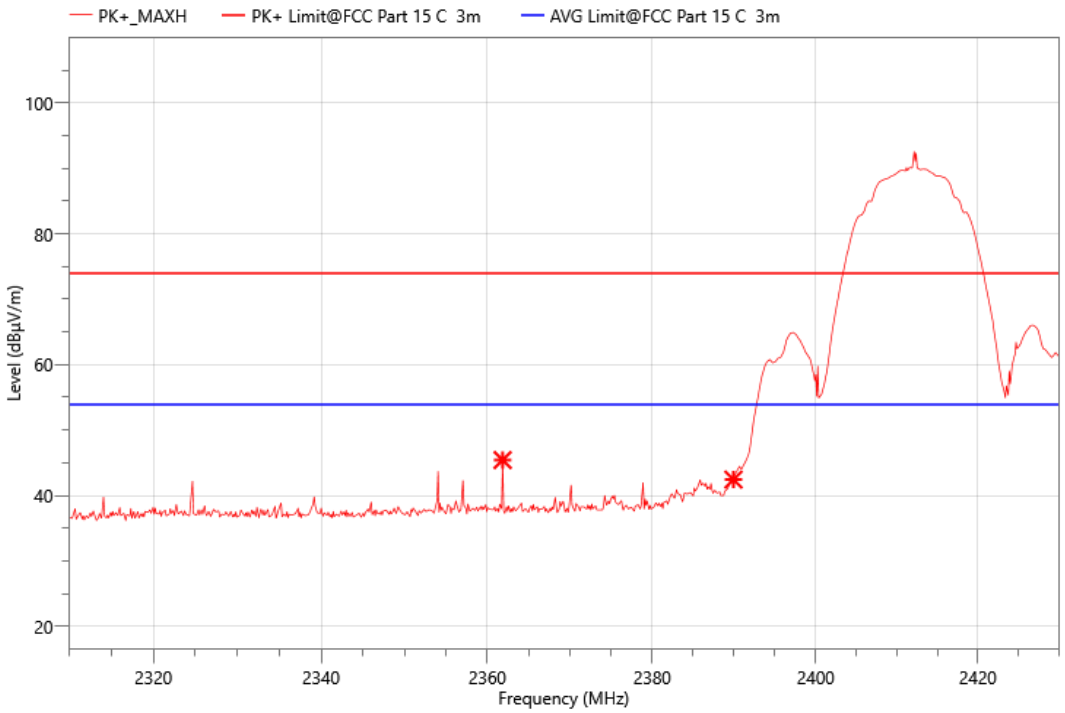
Horizontal



No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2386.080	71.99	-20.74	51.25	74.00	22.75	PK+	H
2	2390.040	66.61	-20.73	45.88	74.00	28.12	PK+	H

Note: [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

Vertical

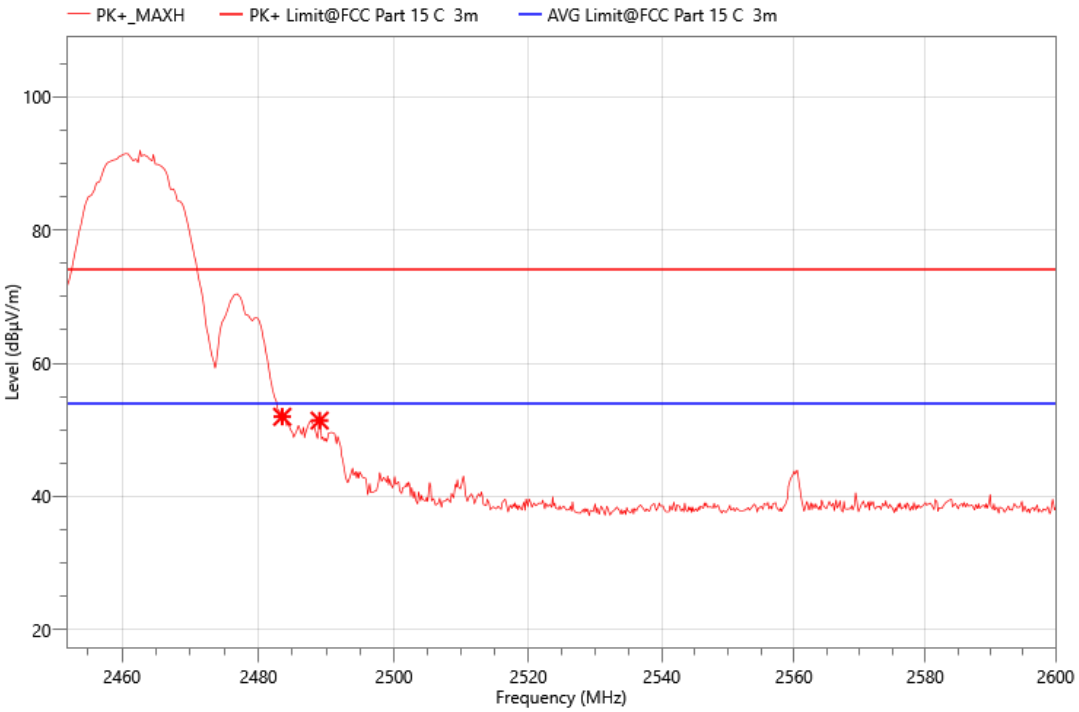


No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2361.840	66.14	-20.73	45.41	74.00	28.59	PK+	V
2	2389.920	63.16	-20.73	42.43	74.00	31.57	PK+	V

Note: [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

802.11b 2462MHz

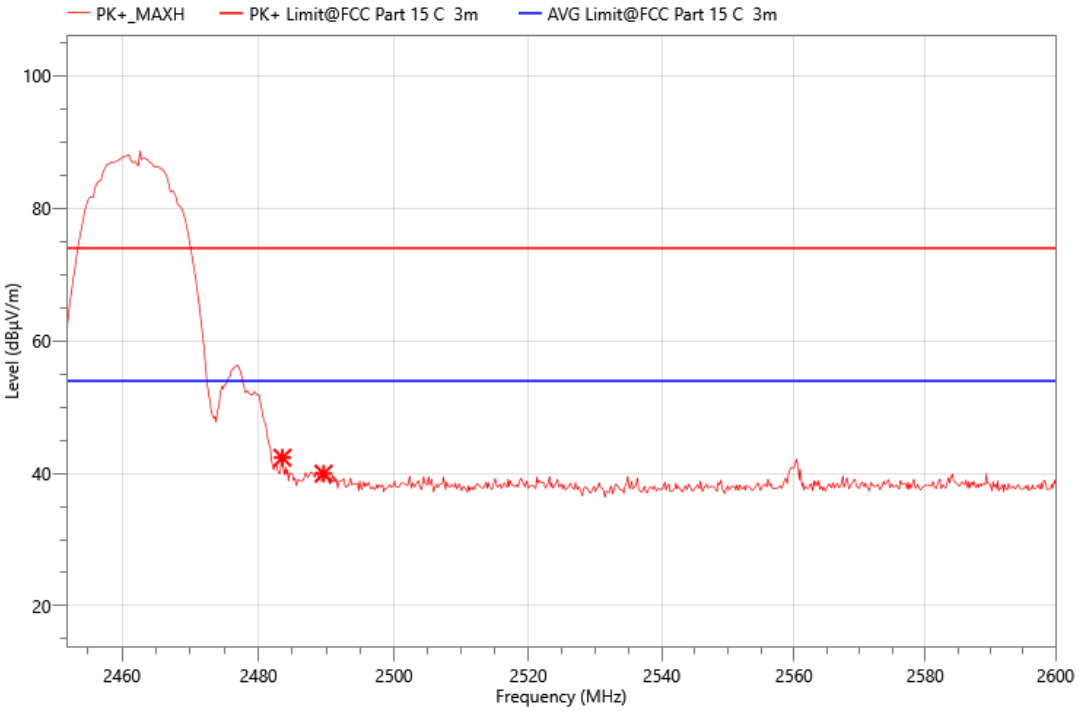
Horizontal



No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2483.500	72.27	-20.3	51.97	74.00	22.03	PK+	H
2	2489.000	71.68	-20.28	51.40	74.00	22.60	PK+	H

Note: [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

Vertical



No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2483.524	62.64	-20.3	42.34	74.00	31.66	PK+	V
2	2489.592	60.22	-20.28	39.94	74.00	34.06	PK+	V

Note: [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

Note:802.11b, 802.11g, 802.11n (HT-20), 802.11n (HT-40) all has been tested, the worst case is 802.11b 2412MHz, only shown the worst case.

9. ANTENNA REQUIREMENT

REQUIREMENT

The EUT'S antenna is met the requirement of FCC part 15C section 15.203 and 15.247.

FCC part 15C section 15.247 requirements:

Systems operating in the 2402-2480MHz band that are used exclusively for fixed, point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum peak output power of the intentional radiator is reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

DESCRIPTION

The EUT's antenna, permanent attached antenna, used Internal PCB antenna and integrated on PCB, The antenna's gain is 2dBi and meets the requirement.

10. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to CFR 47 FCC §15.207 (a) and ISED RSS-Gen Clause 8.8

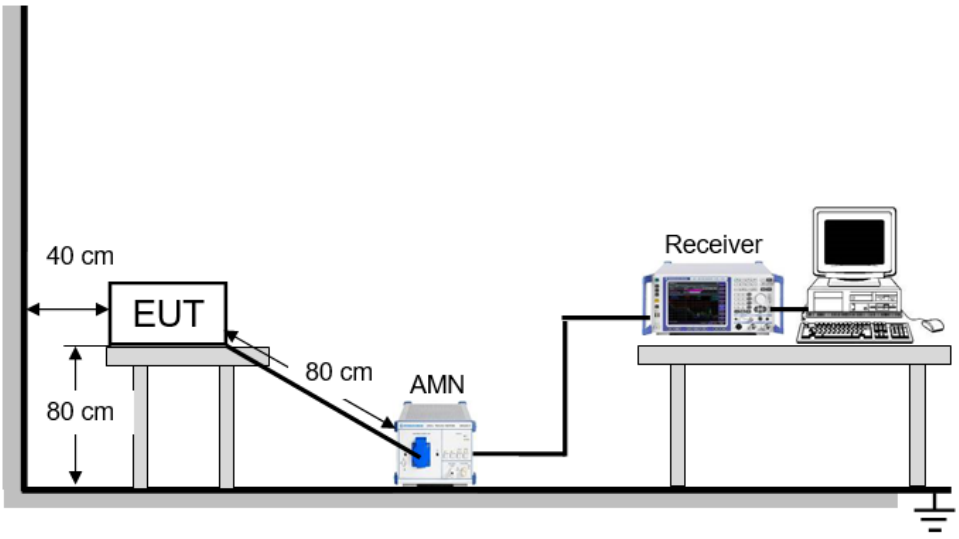
FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

TEST PROCEDURE

The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

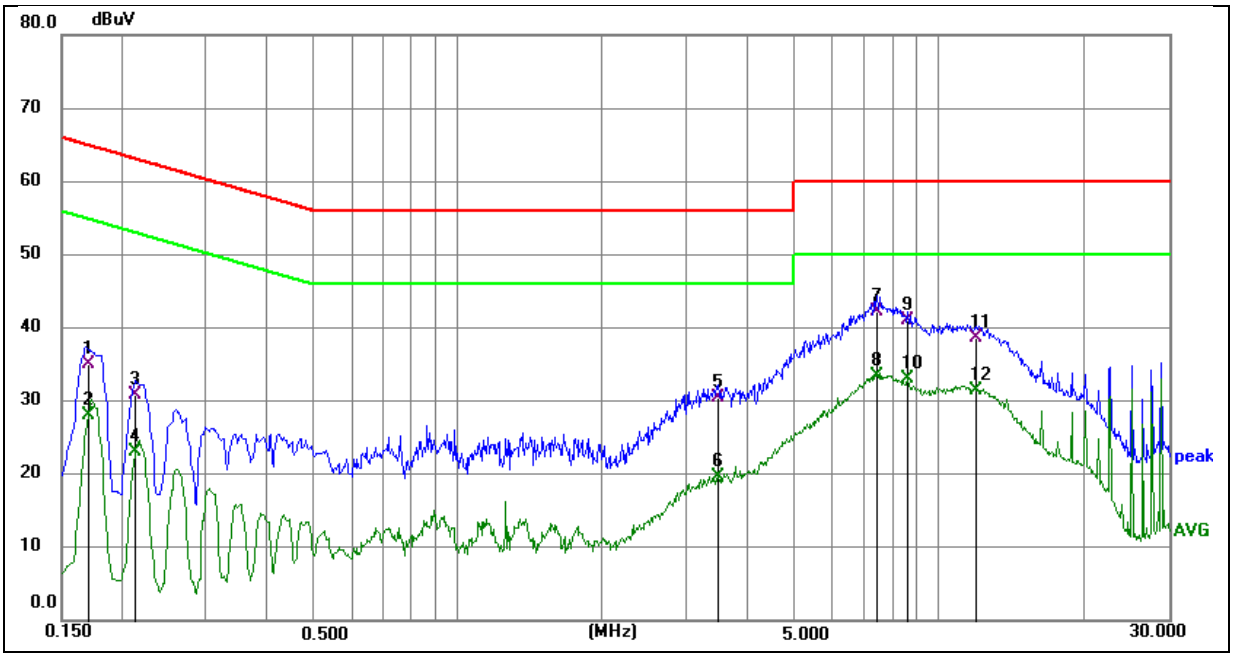
TEST SETUP



TEST ENVIRONMENT

Temperature	26℃	Relative Humidity	54.3%
Atmosphere Pressure	101kPa		

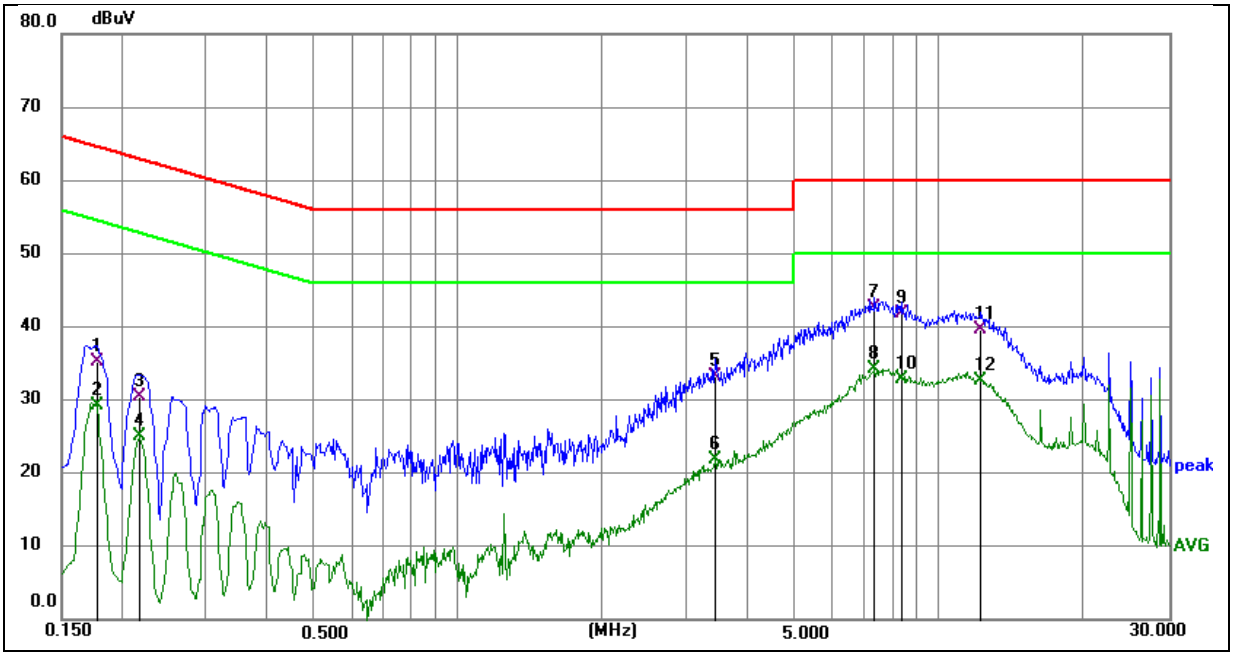
TEST RESULTS



Site:		**Phase:N**	**Temperature(C):25(C)**
Limit:	**FCC Part 15 B Conduction(QP)**		**Humidity(%):54%**
EUT:	**Portable Power Station**	**Test Time:**	**2023/9/6**
M/N.:	**SR0KW6L-SG1-US**	**Power Rating:**	**AC 120V/60Hz**
Mode:	**802.11b 2412MHz**	**Test Engineer:**	**Fink**
Note:			

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.1703	25.19	9.91	35.10	64.95	-29.85	QP	
2	0.1703	18.12	9.91	28.03	54.95	-26.92	AVG	
3	0.2130	20.89	9.91	30.80	63.09	-32.29	QP	
4	0.2130	13.10	9.91	23.01	53.09	-30.08	AVG	
5	3.4890	20.36	10.14	30.50	56.00	-25.50	QP	
6	3.4890	9.48	10.14	19.62	46.00	-26.38	AVG	
7	7.4264	31.47	10.63	42.10	60.00	-17.90	QP	
8	7.4264	22.71	10.63	33.34	50.00	-16.66	AVG	
9	8.5920	30.10	10.80	40.90	60.00	-19.10	QP	
10	8.5920	22.14	10.80	32.94	50.00	-17.06	AVG	
11	11.9130	27.61	10.99	38.60	60.00	-21.40	QP	
12	11.9130	20.46	10.99	31.45	50.00	-18.55	AVG	

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



Site:		**Phase:L1**	**Temperature(C):25(C)**
Limit:	**FCC Part 15 B Conduction(QP)**		**Humidity(%):54%**
EUT:	**Portable Power Station**	**Test Time:**	**2023/9/6**
M/N.:	**SR0KW6L-SG1-US**	**Power Rating:**	**AC 120V/60Hz**
Mode:	**802.11b 2412MHz**	**Test Engineer:**	**Fink**
Note:			

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.1770	25.36	9.94	35.30	64.63	-29.33	QP	
2	0.1770	19.35	9.94	29.29	54.63	-25.34	AVG	
3	0.2174	20.47	9.93	30.40	62.92	-32.52	QP	
4	0.2174	15.10	9.93	25.03	52.92	-27.89	AVG	
5	3.4350	22.96	10.24	33.20	56.00	-22.80	QP	
6	3.4350	11.57	10.24	21.81	46.00	-24.19	AVG	
7	7.3500	31.96	10.54	42.50	60.00	-17.50	QP	
8	7.3500	23.58	10.54	34.12	50.00	-15.88	AVG	
9	8.3354	31.10	10.70	41.80	60.00	-18.20	QP	
10	8.3354	22.17	10.70	32.87	50.00	-17.13	AVG	
11	12.1965	28.62	10.98	39.60	60.00	-20.40	QP	
12	12.1965	21.63	10.98	32.61	50.00	-17.39	AVG	

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

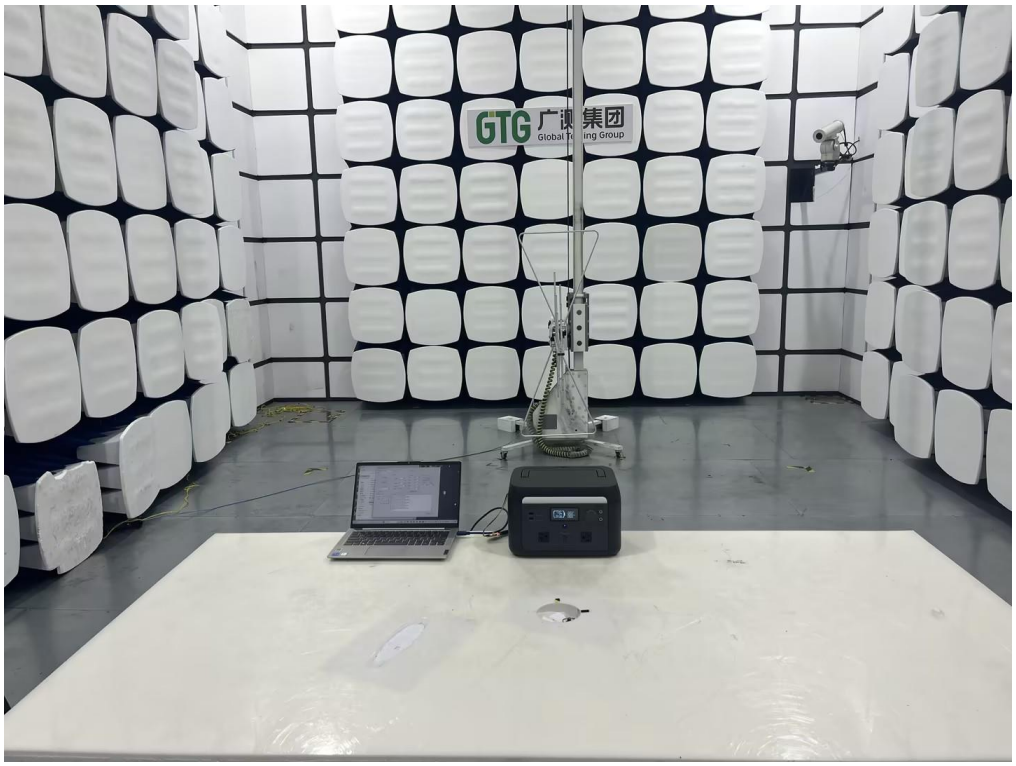
Note: 1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes have been tested, only the worst data was recorded in the report.

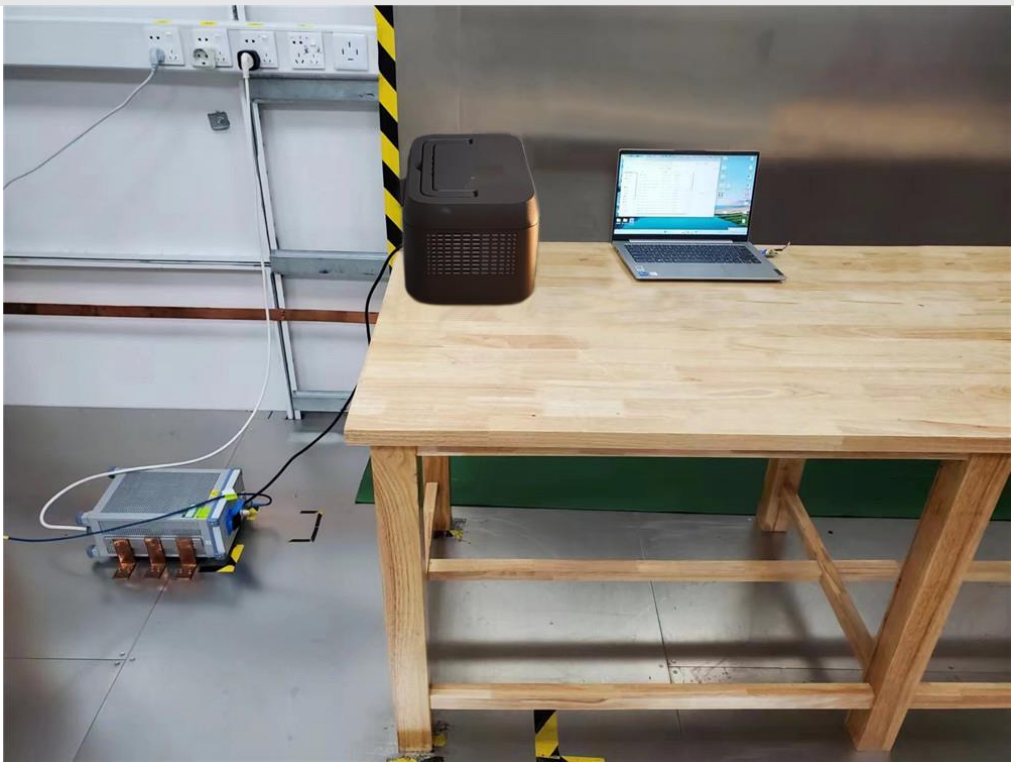
11. TEST DATA

Please refer to section "Test Data" - Appendix B

APPENDIX: PHOTOGRAPHS OF TEST CONFIGURATION



Conducted emissions



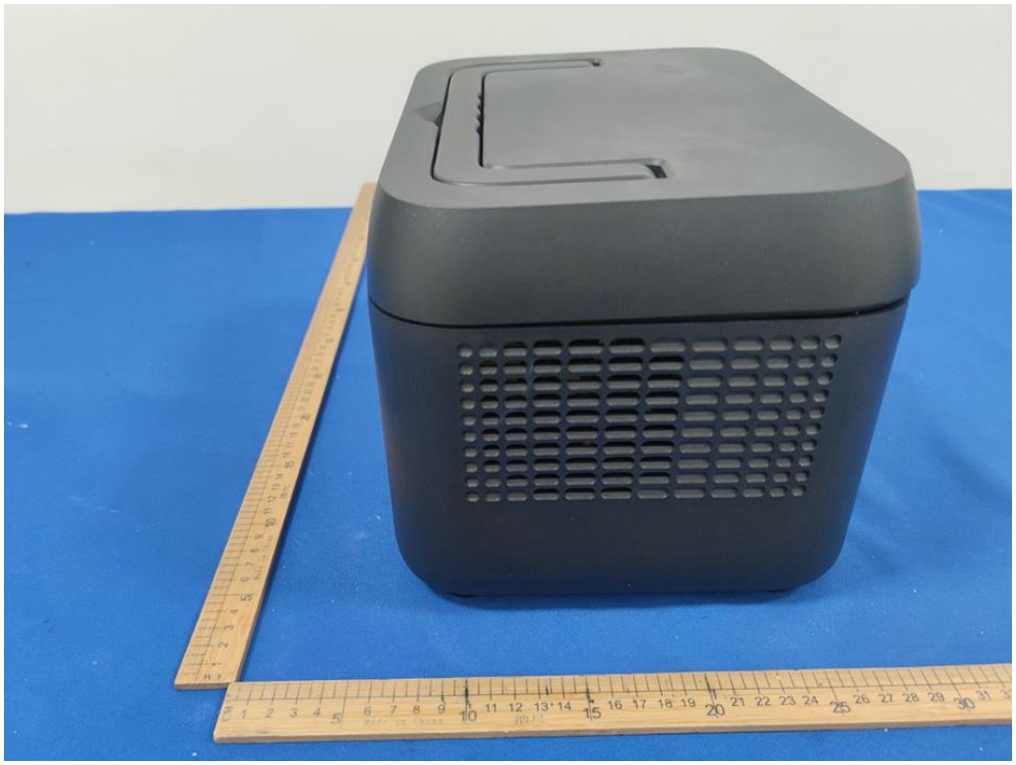
APPENDIX: PHOTOGRAPHS OF THE EUT

External photos

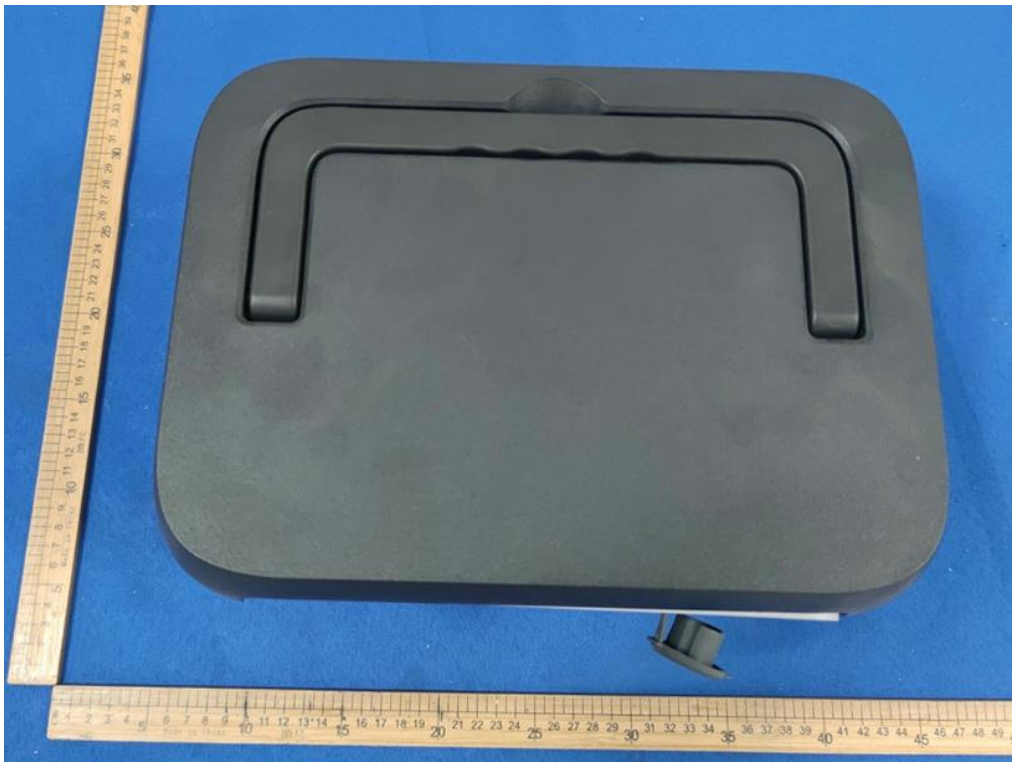
Model: SR0KW6L-SG1-US

Model: SR0KW6L-SG1-US

Model: SR0KW6L-SG1-US



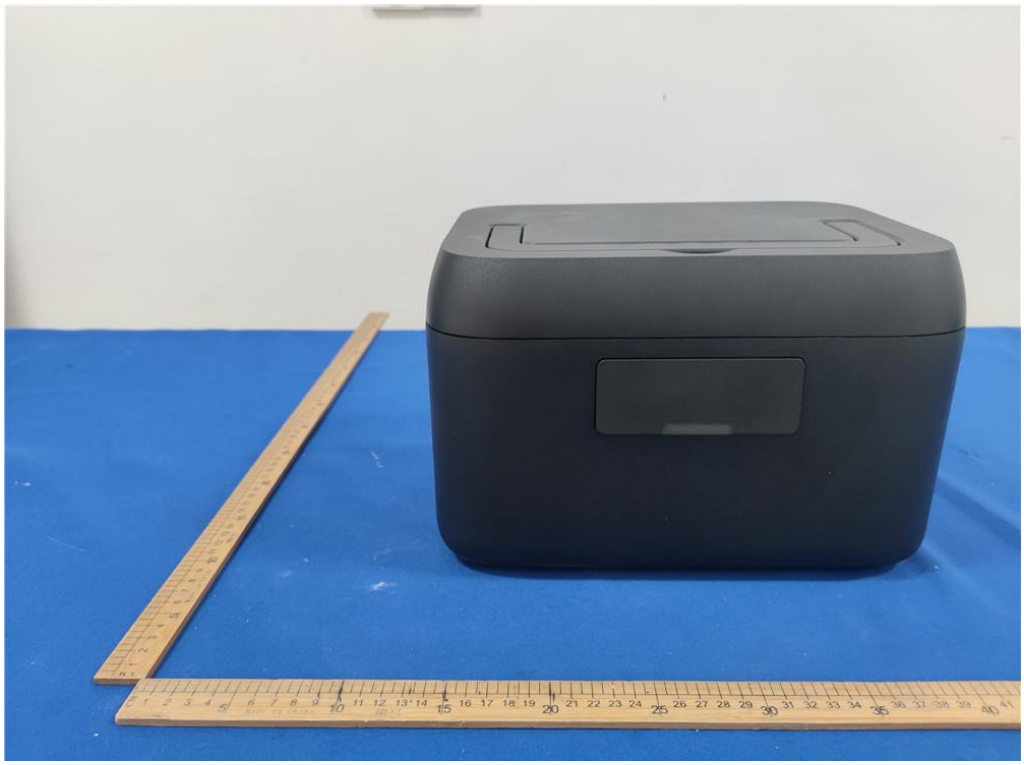
Model: SR0KW6L-SG1-US



Model: SR0KW6L-SG1-US

Model: SR0KW6L-SG1-US

Model: PS600-US



Model: PS600-US

Model: PS600-US

Model: PS600-US

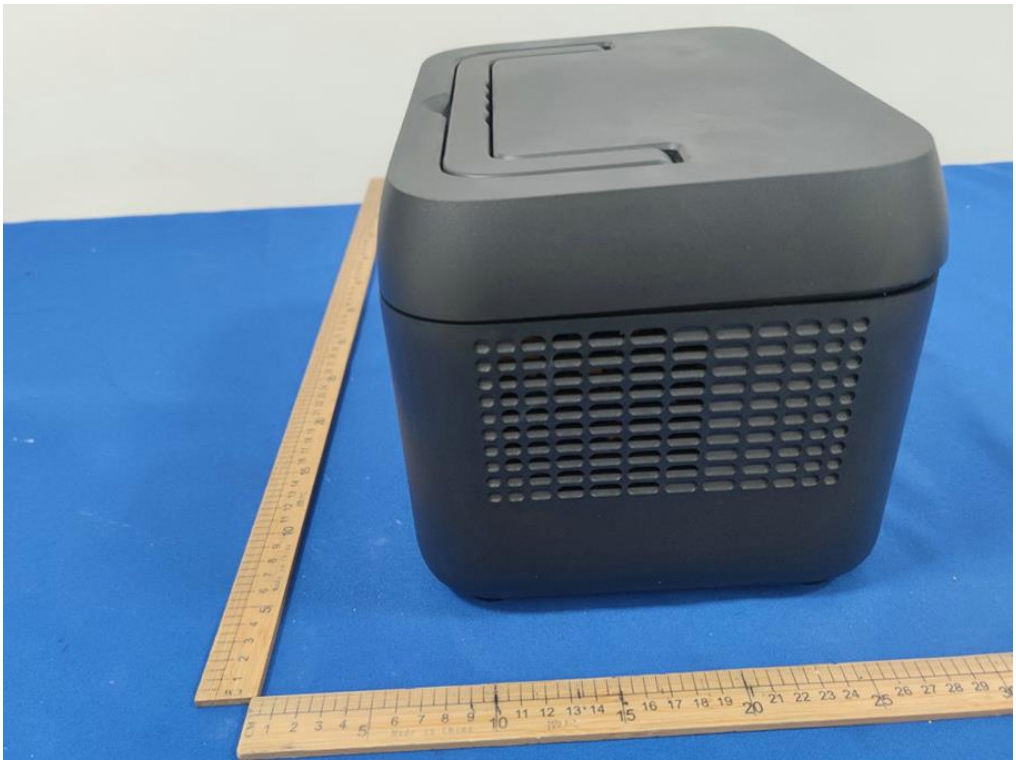
Model: PS600-US

Model: PS600-US

Model: ALM-600USCA

Model: ALM-600USCA

Model: ALM-600USCA



Model: ALM-600USCA

Model: ALM-600USCA

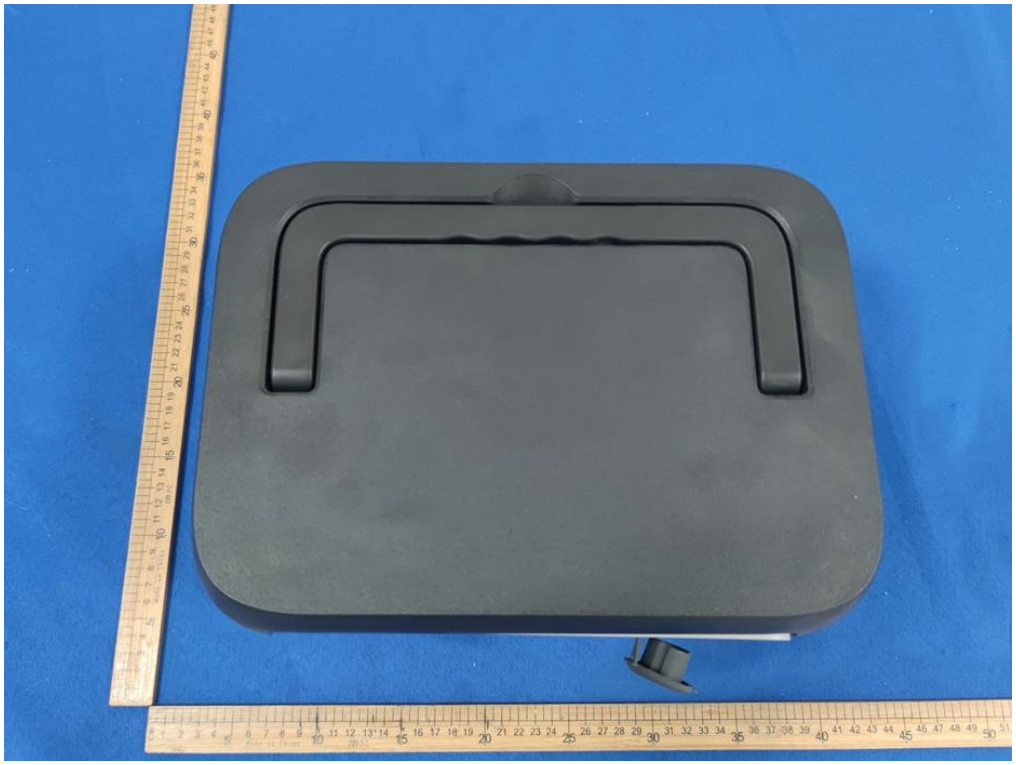
Model: ALM-600USCA

Model: XP2W600USCA

Model: XP2W600USCA

Model: XP2W600USCA

Model: XP2W600USCA



Model: XP2W600USCA

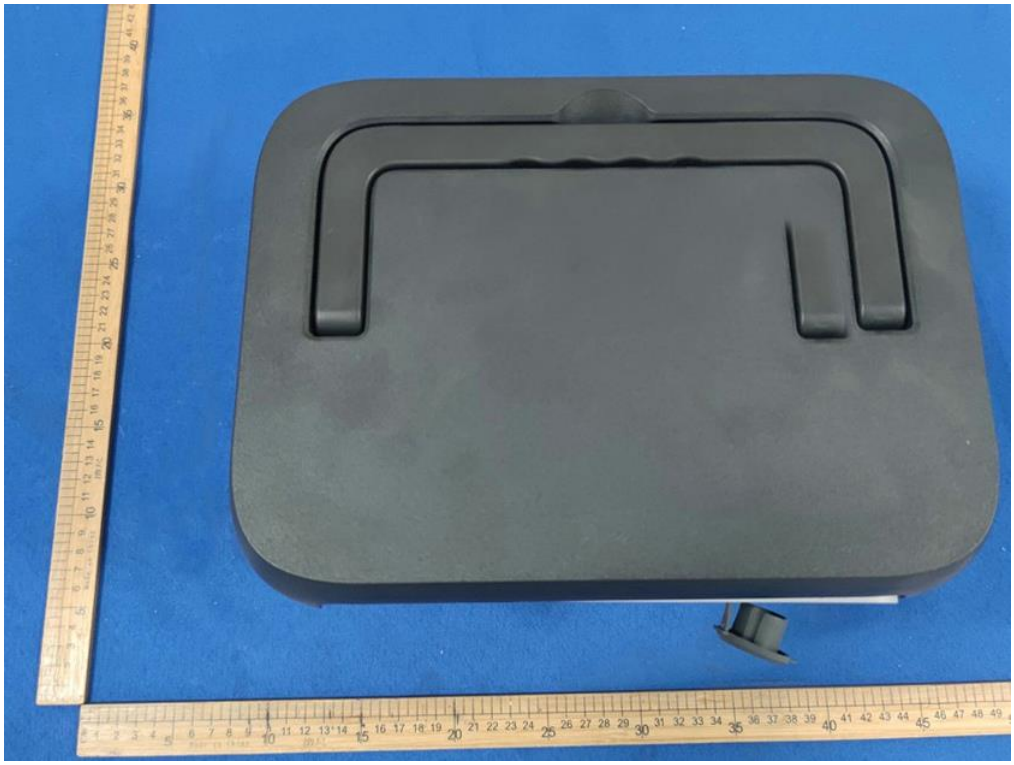
Model: XP2W600USCA

Model: PW601-600

Model: PW601-600

Model: PW601-600

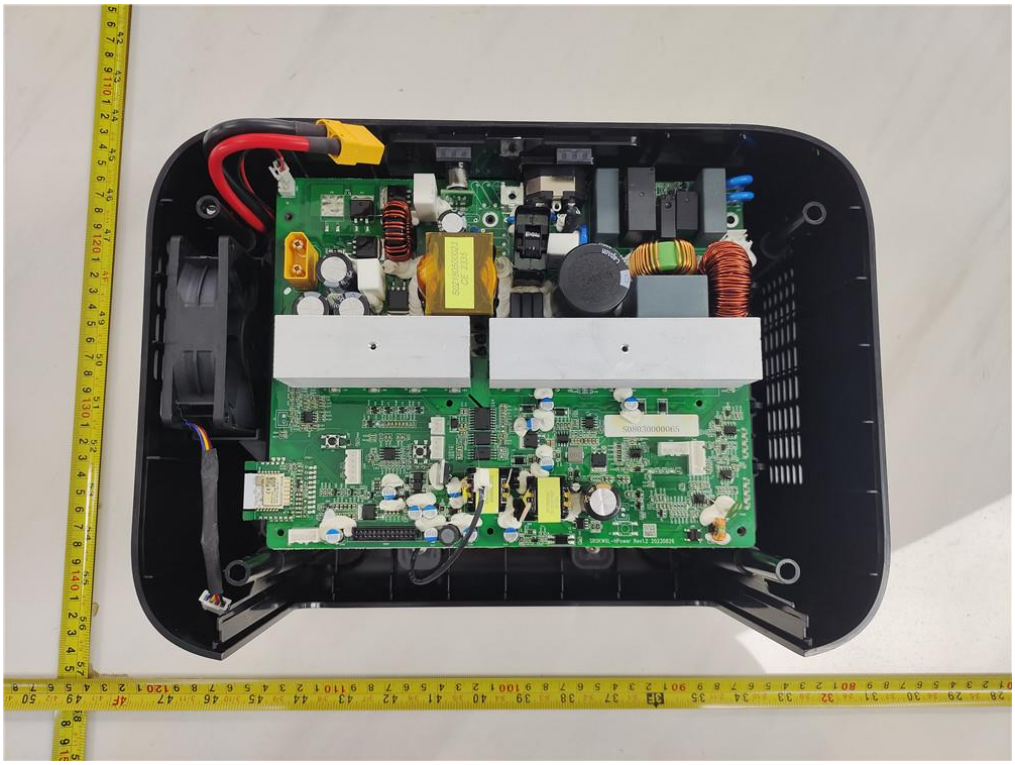
Model: PW601-600

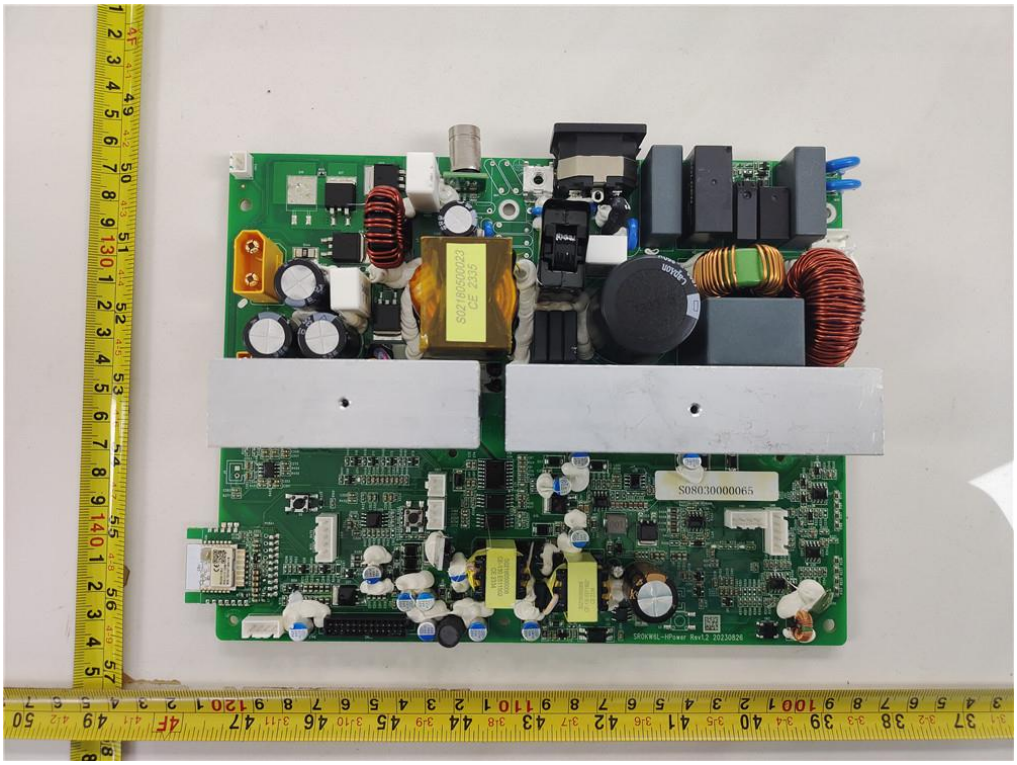


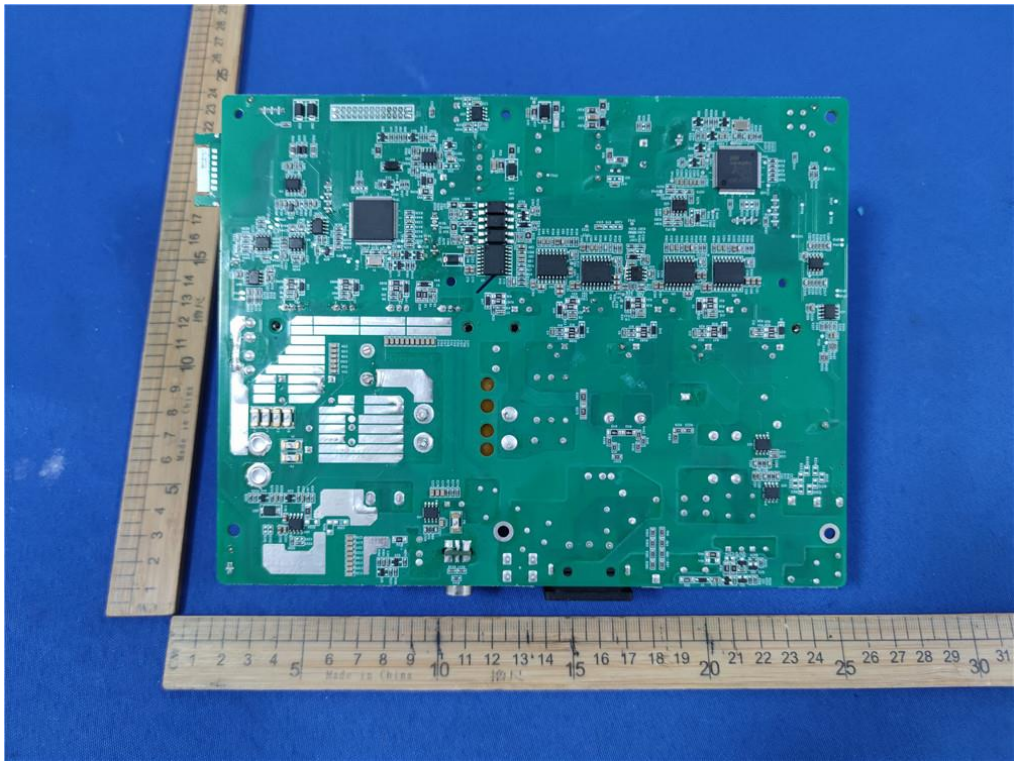
Model: PW601-600

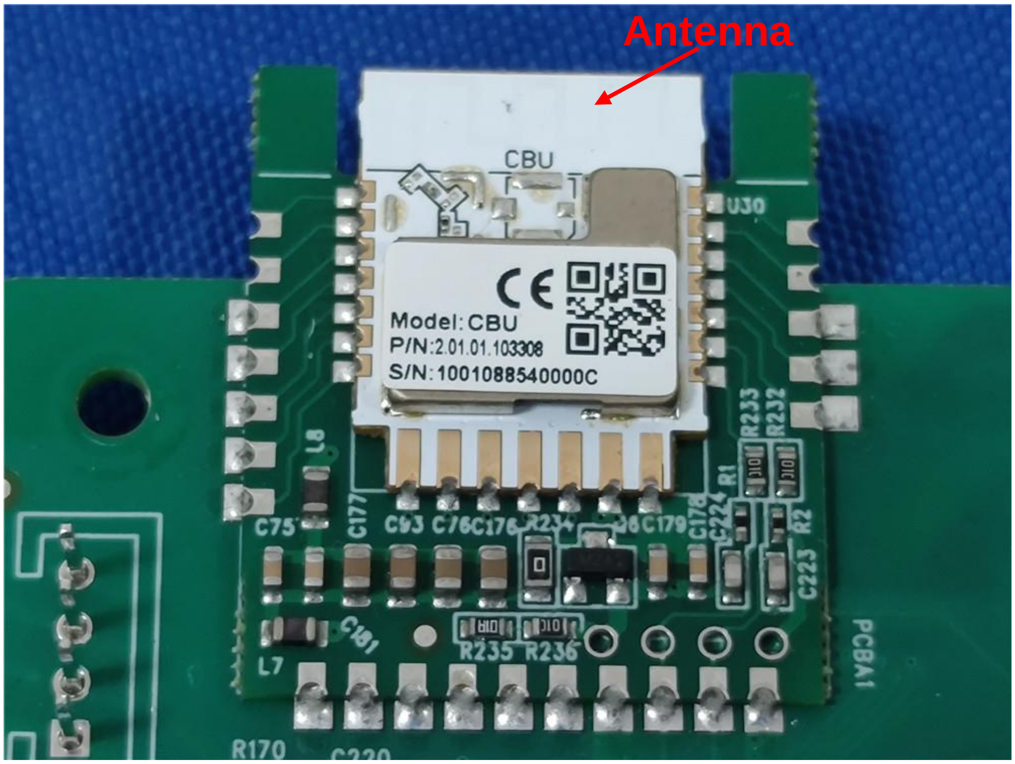
Model: PW601-600

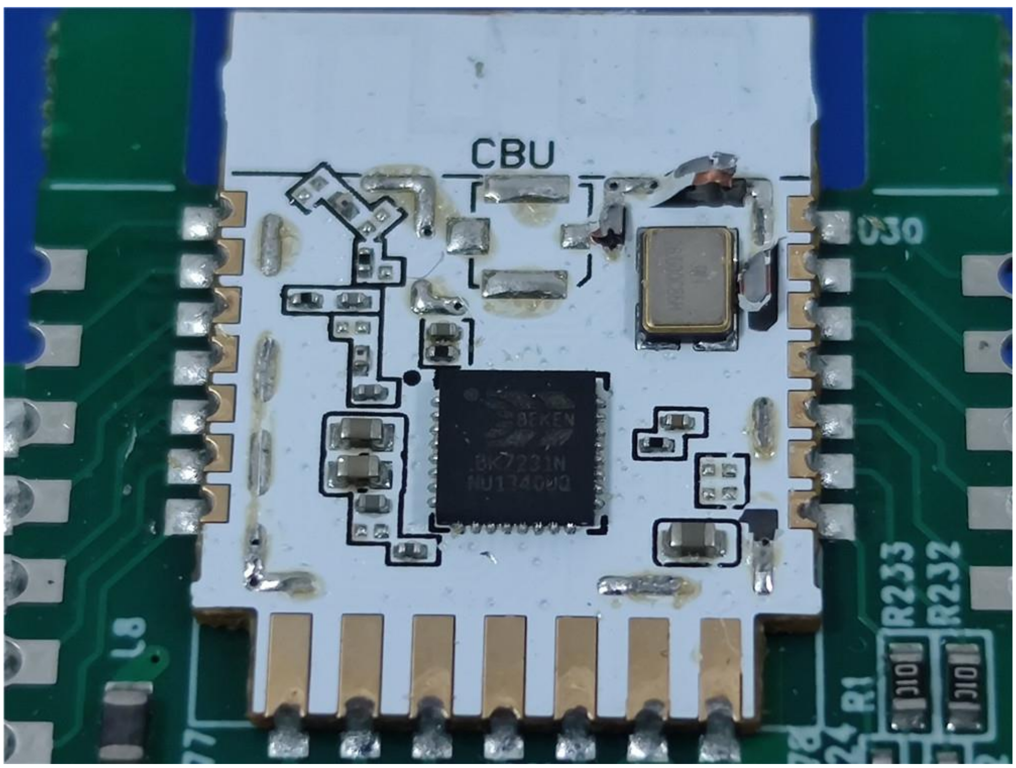
Internal photos

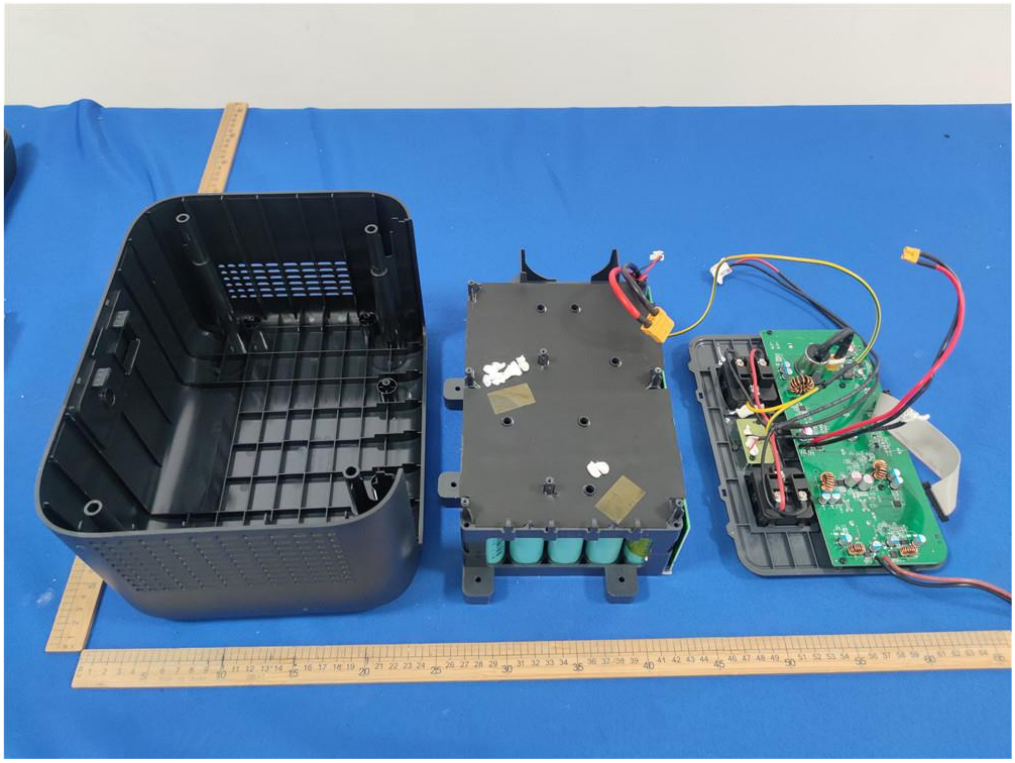


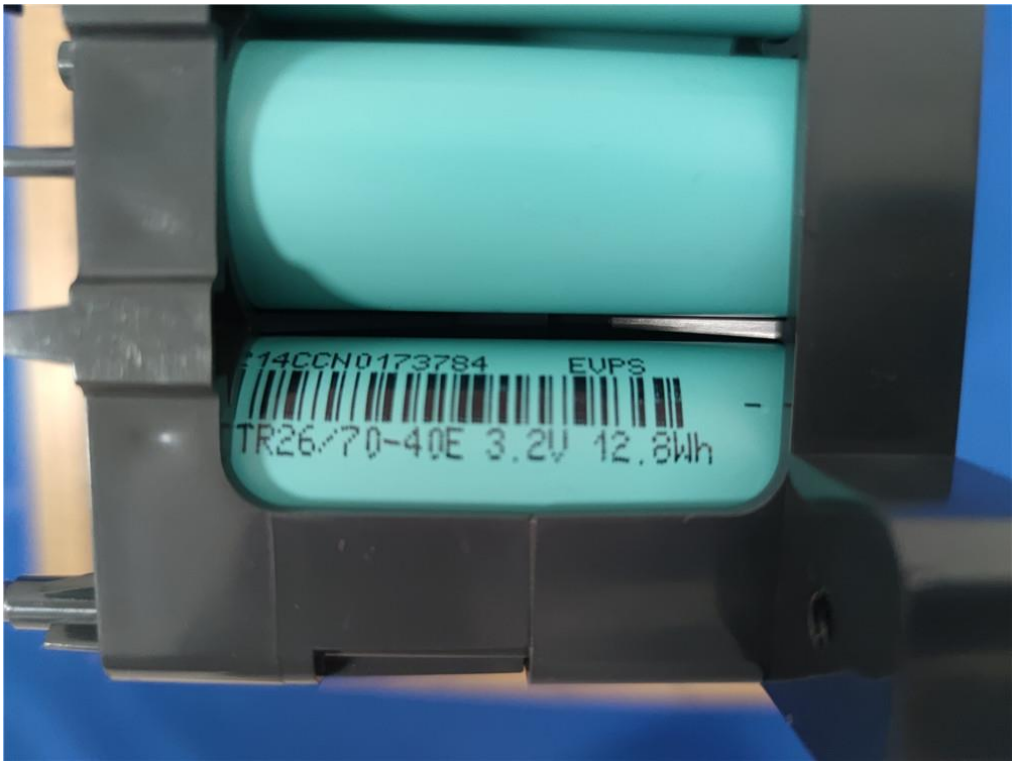


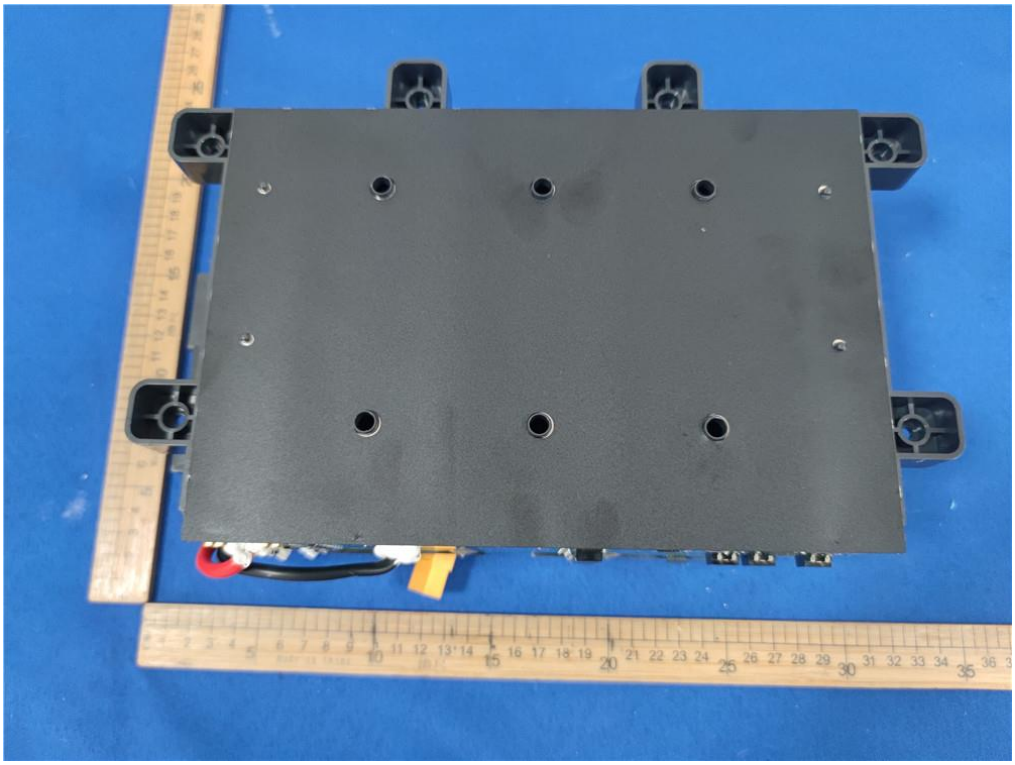


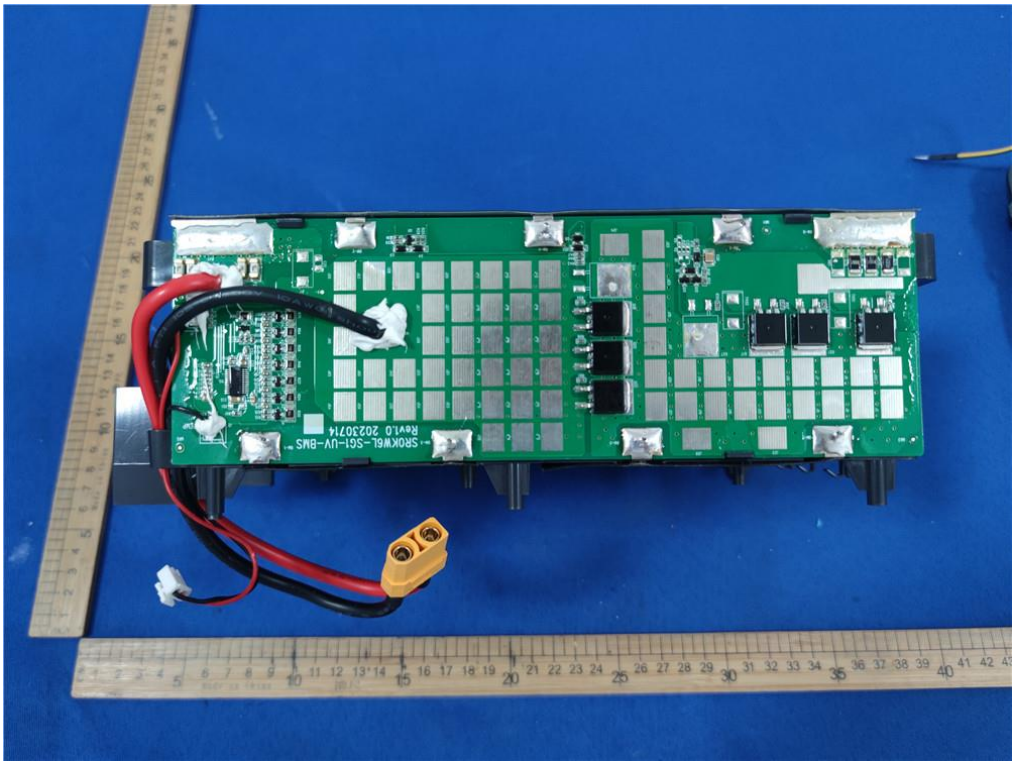

Antenna
CBU
Model:CBU
P/N:2.01.01.103308
S/N:1001088540000C

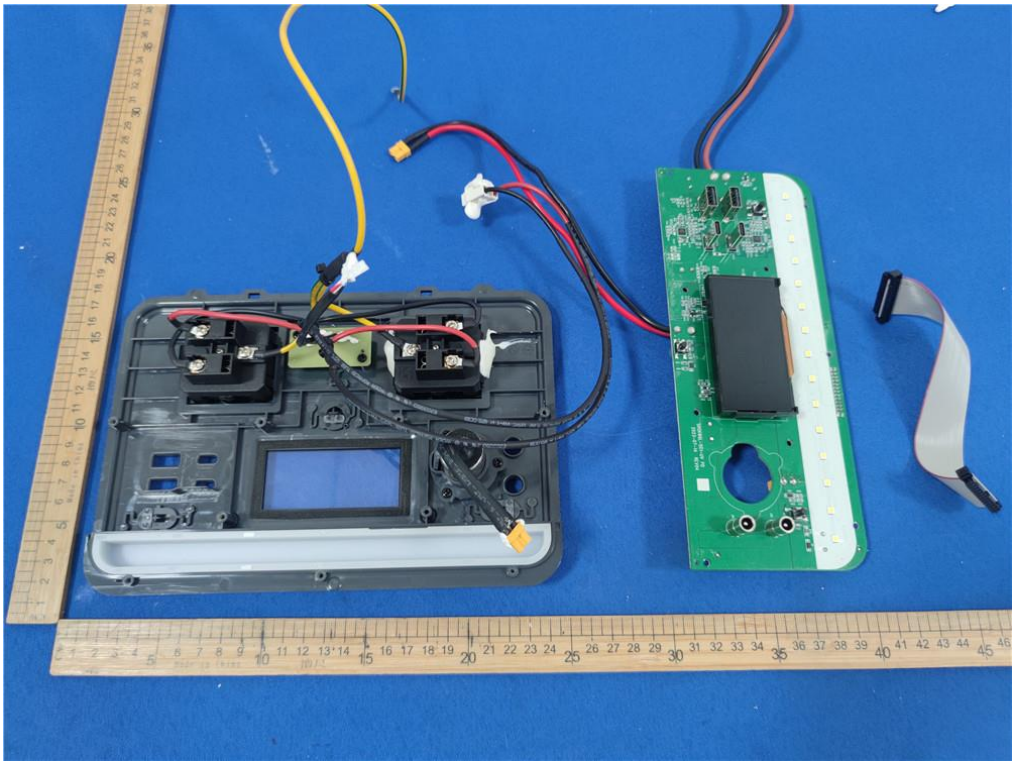

CBU

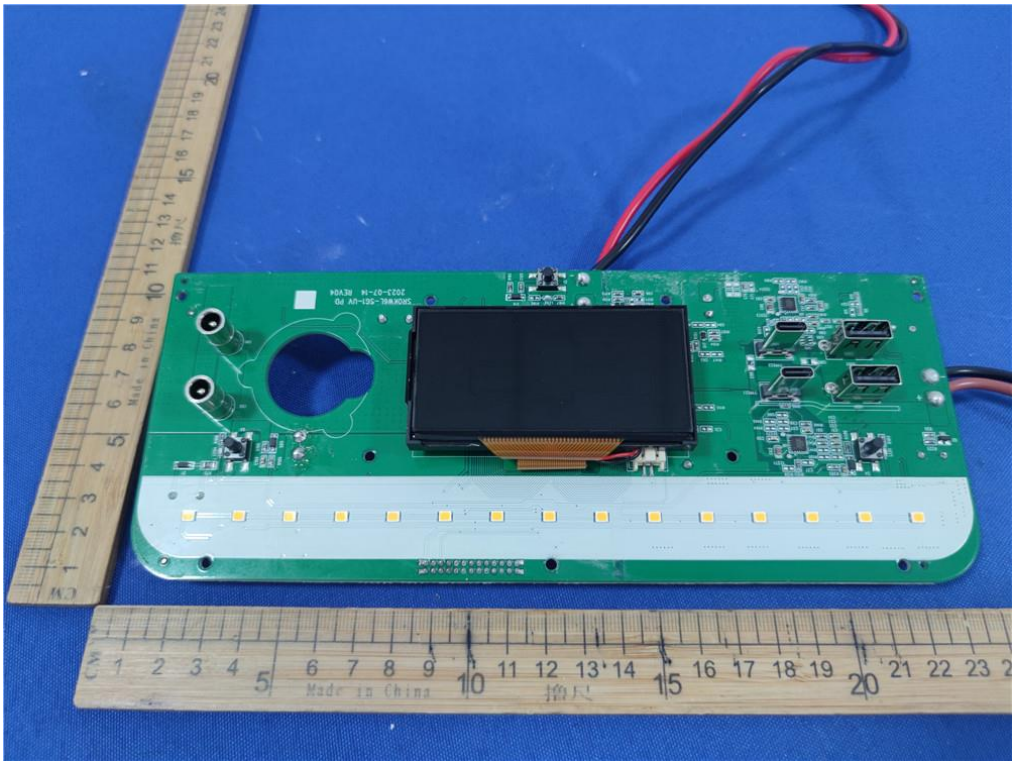


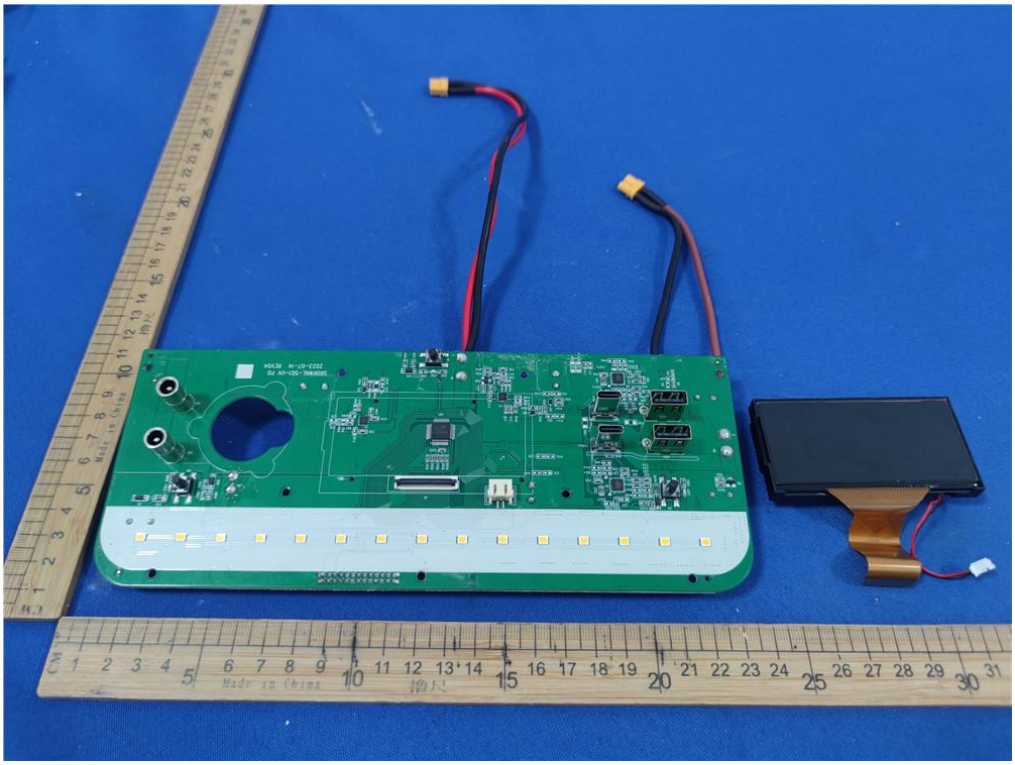

14CCN0173784
EUPS
TR26/70-40E 3.2V 12.8Wh

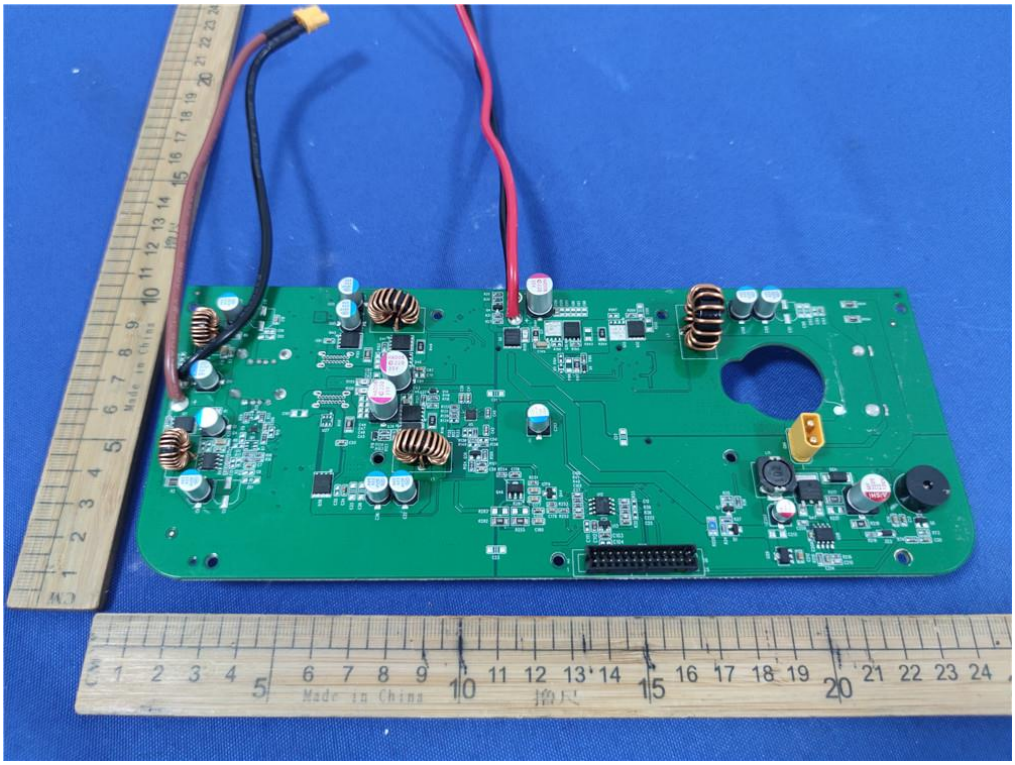












END OF REPORT