

RF TEST REPORT

Report No.....: AB26040358TW01
Applicant.....: Clicks Technology Ltd
Address.....: 2 Stone Buildings, London, England
Manufacturer.....: Clicks Technology Ltd
Address.....: 2 Stone Buildings, London, England
Product Name.....: Power Keyboard
Trade Mark.....: Clicks
Model/Type Reference.....: CP-1000
Listed Model(s).....: /
Standard.....: Article 2 paragraph 1 item 19
Notice No.88 Annex 43
Date of Receipt.....: 2026.04.21
Date of Test Date.....: 2026.04.21-2026.05.11
Date of Issue.....: 2026.05.11
Test Result.....: Pass

Compiled by:
(Printed Name + Signature) Huaijie Li

Huaijie Li

Supervised by:
(Printed Name + Signature) David Huang

David Huang

Approved by:
(Printed Name + Signature) Jay Liu

Jay Liu

Testing Laboratory Name.....: Aibo Standard Technology (Shenzhen) Co., Ltd.

Address.....: 101, Building B, Tuori New Energy Industrial Park, High-tech Park,
Tianliao Community, Yutang Street, Guangming District, Shenzhen City,
Guangdong Province, China

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Aibo Standard Technology (Shenzhen) Co., Ltd.

101, Building B, Tuori New Energy Industrial Park, High-tech Park, Tianliao Community, Yutang Street, Guangming District, Shenzhen City, Guangdong Province, China

Tel.: +86 755 85250797

E-mail: aibo@aibonorm.com

Website: www.aibonorm.com

RF TEST REPORT

EUT.....	: Power Keyboard
Test Model.....	: CP-1000
Applicant	: Clicks Technology Ltd
Address.....	: 2 Stone Buildings, London, England
Manufacturer	: Clicks Technology Ltd
Address.....	: 2 Stone Buildings, London, England
Factory	: Legal Name: Shenzhen Hungphone Technology Co.,Ltd.
Address.....	: 301.Building B,Hongfa Industrial City,Qiaotou Community,Fuhai Street,Bap'an District,Shenzhen City,Guangdong Province,China

Test Result	Positive
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The test report merely corresponds to the test sample.

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REPORT VERSION

Version No.	Date	Description
00	2026.05.11	Original

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1. Test summary

MIC Notice No.88 Appendix No.43 Article 2 Paragraph 1 Item 19		
Clause	Test Item	Result
3	Frequency Error	Pass
6	Antenna Power	Pass
6	Tolerances for antenna power	Pass
4	99% Occupied Bandwidth	Pass
4	Spread Spectrum Bandwidth	Pass
11	Spurious Emissions Intensity	Pass
7	Limit of Secondary Radiated Emissions	Pass
12	Interference Suppression	Pass

Pass: The EUT complies with the carrier sense capability and radio interference prevention capability.
N/A: means not applicable

2.General information

2.1 General description of EUT

Product Name:	Power Keyboard
Main Model:	CP-1000
Series Models:	/
Model Difference:	/
Operation Frequency:	2402MHz~2480MHz
Channel Numbers:	40
Channel Separation:	2MHz
Modulation Type:	GFSK
Antenna Type:	PCB Antenna
Antenna Gain:	1.3dBi
Hardware Version:	/
Software Version:	/
Power Supply	DC 5V
Battery	DC3.87V/2300mAh

2.2 Channel list

Operation Frequency each of channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	10	2422MHz	20	2442MHz	30	2462MHz
1	2404MHz	11	2424MHz	21	2444MHz	31	2464MHz
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
8	2418MHz	18	2438MHz	28	2458MHz	38	2478MHz
9	2420MHz	19	2440MHz	29	2460MHz	39	2480MHz

Test Channel	Frequency(MHz)
Lowest channel	2402.00
Middle channel	2440.00
Highest channel	2480.00

2.3 Test mode

Software used to control the EUT for staying in continuous transmitting and receiving mode is programmed.

POWER	Frequency		
	2402MHz	2440MHz	2480MHz
	Default	Default	Default

2.4 Test condition

Note: The EUT has its own voltage regulator principle from ETA5071V330DF1E, the output voltage of the chip is 3.3V and the fluctuation of power supply to the RF circuit of EUT is equal to or less than +/- 1%. So exempt extremely high and low supply voltage condition tests, EUT only operated in normal voltage to test all regulations.

During the input supply voltage to the EUT from the external power source is varied by +/-10%, EUT only operated in normal, High and Low voltage to test all regulations.

External power supply	RF IC power supply
Normal voltage:DC 3.87V	DC 3.3V
High voltage:DC 4.22V	DC 3.3V
Low voltage:DC 3.48V	DC 3.3V
Temperature:	25 °C
Humidity:	79%
Atmospheric Pressure	1009hPa

2.5 Test location

All tests were performed at:

Test Lab: Aibo Standard Technology (Shenzhen) Co., Ltd.

Address: 101, Building B, Tuori New Energy Industrial Park, High-tech Park, Tianliao Community, Yutang Street, Guangming District, Shenzhen City, Guangdong Province, China

Tel.: +(86) 755 85250797

E-mail: aibo@aibonorm.com

Website: www.aibonorm.com

2.6 Other information requested by the customer

None.

2.7 Test instruments list

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Until
1	EMI Test Receiver	R&S	ESCI	101196	01/20/2026	01/19/2027
2	Loop Antenna	Schwarzbeck	FMZB 1519	1519-025	02/19/2026	02/18/2028
3	Power Amplifier	HZEMC	HPA-9K0133	HYP A23029	02/19/2026	02/18/2027
4	Broadband Antenna	Schwarzbeck	VULB 9168	01763	02/19/2026	02/18/2028
5	Attenuator	PRM	ATT50-6-3	ATT50-6-3	01/20/2026	01/19/2027
6	Spectrum Analyzer	R&S	FSV40-N	101365	01/20/2026	01/19/2027
7	Horn Antenna	Schwarzbeck	BBHA 9120 D	02786	02/19/2026	02/18/2028
8	Horn Antenna	Schwarzbeck	ZLB7-18-40G-77	072410839	02/19/2026	02/18/2028
9	Power Amplifier	HZEMC	PA0118-43	HYP A23030	02/19/2026	02/18/2027
10	Power Amplifier	HZEMC	PA01840-45	HYP A23031	02/19/2026	02/18/2027
11	Spectrum Analyzer	R&S	FSV40-N	101365	01/20/2026	01/19/2027
12	MXG Vector Signal Generator	Agilent	N5182A	MY47070153	01/20/2026	01/19/2027
13	MXA Signal Analyzer	Keysight	N9020A	MY52091389	01/20/2026	01/19/2027
14	RF Automatic Test System (Included Power Sensor)	MWRFTest	MW100-RFCB	MW220802AB-44	01/20/2026	01/19/2027
15	WIDEBAND RADIO COMMUNICATION TESTER	R&S	CMW500	118780	01/20/2026	01/19/2027
16	DC POWER SUPPLY	MAISHENG	MT-305DS	2021040016	01/20/2026	01/19/2027
17	Const Temp. & Humidity Chamber	GRT	GR-HWX-150L	GR25010601	01/20/2026	01/19/2027
18	Digital Phosphor Oscilloscope	UNI-T	UPO3502CS	110401307680X	01/20/2026	01/19/2027

Note: The Cal. Interval was one year. The equipments were calibrated by CCIC (Shenzhen) Metrology & Testing Service CO.,LTD.

Calibration by the calibration agencies listed in the table correspond to paragraph 4 (ii) (c) of Article 24-2 in the Radio Law".

☐ (a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) or a designated calibration agency under Article 102-18-1 of the Radio Act.

☐ (b) Calibration conducted based on the regulations of Article 135 or 144 of the Measurement Act.

☒ (c) Calibration conducted in foreign countries, which is equivalent to calibration conducted by the NICT or a designated calibration agency under Article 102-18-1 of the Radio Act.

☐ (d) Calibration, etc. conducted by using measuring instruments and other facilities listed at the bottom of appended table 3 of the Radio Act, which is to have been calibrated as described in (a) through (c) above.

Test Software		
Software name	Model	Version
Radiated Emission Measurement Software	FASLAB	V4.1

Bluetooth and WIFI Test System	MTS 8310	V3.0.0.0
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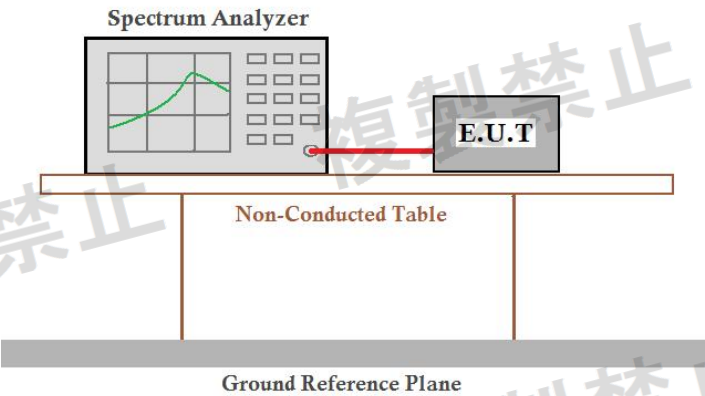
2.8 Measurement uncertainty

For the test methods, according to the present document, the measurement uncertainty figures shall be calculated in accordance with TR100028-1 [2] and shall correspond to an expansion factor (coverage factor) $K=1.96$ or $K=2$ (which provide confidence levels of respectively 95% and 95.5% in the case where the distributions characterizing the actual measurement uncertainties are normal).

Parameter	Uncertainty
RF frequency	$\pm 6 \times 10^{-7}$
Total RF power, conducted	$\pm 0.8\text{dB}$
Spurious emissions, conducted	$\pm 0.8\text{dB}$
DC and low frequency voltages	$\pm 3\%$
Humidity	$\pm 5\%$
Temperature	$\pm 1^{\circ}\text{C}$

3. Test results and Measurement Data

3.1 Frequency error

Test condition:	Without modulation, continuously transmitting.
Spectrum set:	Test Frequency: test channel, RBW=VBW=10KHz, Span=1MHz, Sweep time=Auto, Detector mode=Positive peak
Limit:	±50ppm
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T. (Equipment Under Test) via a cable. The setup is placed on a Non-Conducted Table, which is above a Ground Reference Plane.
Test Instruments:	Refer to section 2.7 for details
Test results:	Pass

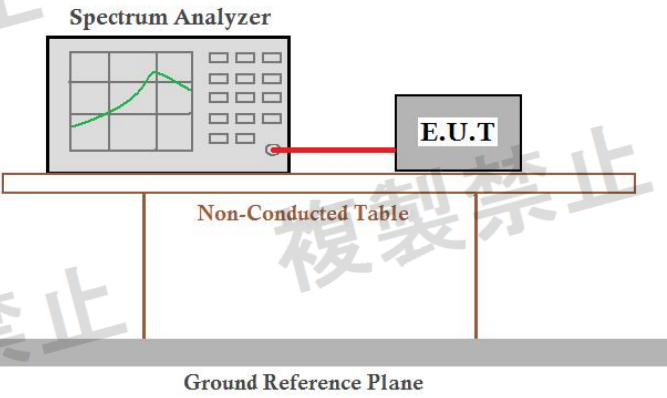
Measurement Data: The detailed test data see Appendix D

3.2 Antenna power

Test condition:	Test diffusion code and modulate with standard coding test signal
Spectrum set:	Measurement procedure 1. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the Power Meter.
Limit:	10mW
Test setup:	 <pre> graph LR EUT[EUT] --- PS[Power Sensor] </pre>
Test Instruments:	Refer to section 2.7 for details
Test results:	Pass

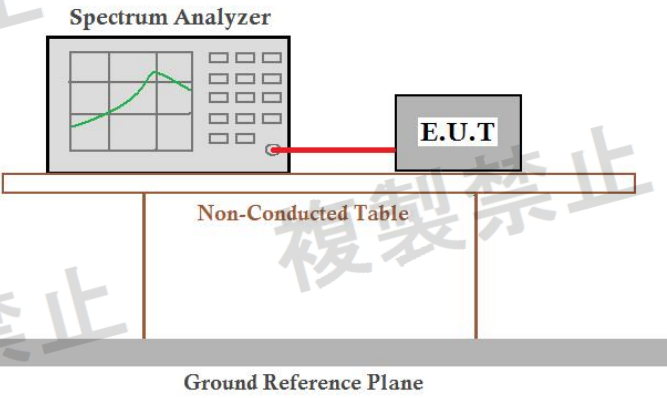
Measurement Data: The detailed test data see Appendix D

3.3 Occupy bandwidth (99%)

Test condition:	Test diffusion code and modulate with standard coding test signal
Spectrum set:	Test Frequency: test channel, RBW=VBW=300KHz, Span=3MHz, Sweep time=Auto, Detector mode=Positive peak
Limit:	26MHz or less
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected via a red cable to an E.U.T. (Equipment Under Test). Both are placed on a Non-Conducted Table. Below the table is a Ground Reference Plane.
Test Instruments:	Refer to section 2.7 for details
Test mode:	Transmitting mode
Test results:	Pass

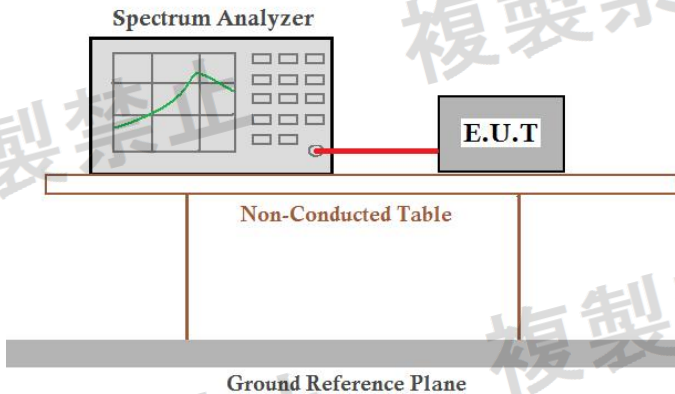
Measurement Data: The detailed test data see Appendix D

3.4 Spread spectrum bandwidth (90%)

Test condition:	Test diffusion code and modulate with standard coding test signal
Spectrum set:	Test Frequency: test channel, RBW=VBW=300KHz, Span=3MHz, Sweep time=Auto, Detector mode=Positive peak
Limit:	N/A
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected via a red cable to an E.U.T. (Equipment Under Test). Both are placed on a Non-Conducted Table, which is supported by a Ground Reference Plane.
Test Instruments:	Refer to section 2.7 for details
Test mode:	Transmitting mode
Test results:	Pass

Measurement Data: The detailed test data see Appendix D

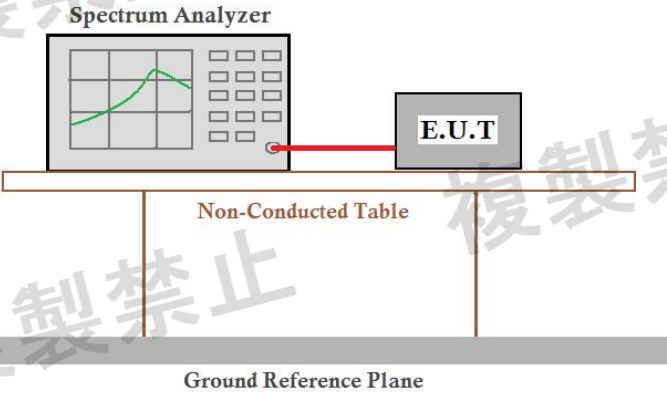
3.5 Spurious emission intensity

Test condition:	Test diffusion code and modulate with standard coding test signal
Measurement procedure:	Step 1 All spurious are measured from 30MHz to 13GHz by peak mode. Step 2 If the value measured by Step1 is 3dB or less to the limit, measure in average mode.
Spectrum set:	Step 1: Test Frequency: test channel, RBW=VBW=1MHz, Sweep time=Auto, Detector mode=Positive peak Step 2: Test Frequency: spurious frequency RBW=VBW=1MHz, Sweep time=Auto, Detector mode=Sample, Span=0Hz
Limit:	Below 2387 MHz: 2.5μW/MHz or less 2387 to 2400 MHz: 25μW/MHz or less 2483.5 through 2496.5 MHz: 25μW/MHz or less Over 2496.5 MHz: 2.5μW/MHz or less
Test setup:	
Test Instruments:	Refer to section 2.7 for details
Test results:	Pass

Note 1: SA set to from 2.4965GHz to 13GHz, plot shows from 2.497GHz to 13GHz as of SA' s default format.

Note 2: Measurement Data: The detailed test data see Appendix D

3.6 Secondary radiated emissions

Test condition:	Receiving mode
Measurement procedure:	Step 1 All spurious are measured from 30MHz to 13GHz by peak mode. Step 2 If the value measured by Step1 is 3dB or less to the limit, measure in average mode.
Spectrum set:	Step 1: Test Frequency: test channel, Below 1GHz, RBW=VBW=100KHz; Above 1GHz, RBW=VBW=1MHz, Sweep time=Auto, Detector mode=Positive peak Step 2: Test Frequency: spurious frequency Test Frequency: test channel, Below 1GHz, RBW=VBW=100KHz; Above 1GHz, RBW=VBW=1MHz, Sweep time=Auto, Detector mode=Sample, Span=0Hz
Limit:	Below 1GHz: 4.0nW or less Above 1GHz: 20nW or less
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T. (Equipment Under Test) via a red cable. Both the Spectrum Analyzer and the E.U.T. are placed on a Non-Conducted Table. The table is supported by two vertical legs. Below the table is a Ground Reference Plane.
Test Instruments:	Refer to section 2.7 for details
Test results:	Pass

Measurement Data: The detailed test data see Appendix D

3.7 Interference suppression

Measurement procedure:	(1) The radio equipment with automatic transmitting function of identification code a) Transmit the assigned identification code from the radio equipment. b) Confirm the identification code received by the demodulator. (2) The radio equipment with automatic receiving function of identification code a) Transmit the assigned identification code from the opposite equipment. b) Confirm that the usual communication is available. c) Transmit the identification code distinct from the assigned one from the opposite equipment. d) Confirm that the radio equipment is stopped or an indication is displayed as the identification code is different.
Test setup:	Radio equipment Dummy load Attenuator) Demodulator
Test Instruments:	Refer to section 2.7 for details
Test results:	Pass

Measurement data:

Identification function:	Good; The MAC address is FC:10:10:DD:70:14
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4. Test Setup Photo

Please refer to separated files for Appendix A test setup photos.

5. EUT Constructional Details

Please refer to separated files for Appendix B External photos and Appendix C Internal photos of EUT.

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