RF TEST REPORT

Report No. :	AB26070154MW01
Applicant :	Guidercare CO., LTD.
Address :	4 F., No. 197, Jingmao 2nd Rd., Nangang Dist., Taipei City 11568, Taiwan
Manufacturer :	Guidercare CO., LTD.
Address :	4 F., No. 197, Jingmao 2nd Rd., Nangang Dist., Taipei City 11568, Taiwan
Product Name :	900Q 4G
Trade Mark :	Guider
Model/Type Reference :	900Q
Listed Model(s) :	/
Standard :	Article 2 paragraph 1 item 19 Notice No.88 Annex 43
Date of Receipt :	2026.07.08
Date of Test Date :	2026.07.08-2026.07.28
Date of Issue :	2026.07.28
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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RF TEST REPORT

EUT.....	:	900Q 4G
Test Model.....	:	900Q
Applicant.....	**:**	**Guidercare CO., LTD.**
Address.....	:	4 F., No. 197, Jingmao 2nd Rd., Nangang Dist., Taipei City 11568, Taiwan
Manufacturer.....	**:**	**Guidercare CO., LTD.**
Address.....	:	4 F., No. 197, Jingmao 2nd Rd., Nangang Dist., Taipei City 11568, Taiwan
Factory.....	**:**	**Shenzhen IWOWN Technology Co.,Ltd**
Address.....	:	1201 Shenzhen International Qianhai E-metro Tower, Gang Cheng Street, Nan Shan Road, Qianhai Shenzhen Hong Kong cooperation zone, Shenzhen

Test Result	Positive

The test report merely corresponds to the test sample.
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

REPORT VERSION

Version No.	Date	Description
00	2026.07.28	Original

TABLE OF CONTENTS

1. TEST SUMMARY 5

2. GENERAL INFORMATION 6

2.1 GENERAL DESCRIPTION OF EUT 6
2.2 CHANNEL LIST 6
2.3 TEST MODE 7
2.4 TEST CONDITION 7
2.5 TEST LOCATION 7
2.6 OTHER INFORMATION REQUESTED BY THE CUSTOMER 7
2.7 TEST INSTRUMENTS LIST 8
2.8 MEASUREMENT UNCERTAINTY 9

3. TEST RESULTS AND MEASUREMENT DATA 10

3.1 FREQUENCY ERROR 10
3.2 ANTENNA POWER 11
3.3 OCCUPY BANDWIDTH (99%) 12
3.4 SPREAD SPECTRUM BANDWIDTH (90%) 13
3.5 SPURIOUS EMISSION INTENSITY 14
3.6 SECONDARY RADIATED EMISSIONS 15
3.7 INTERFERENCE SUPPRESSION 16

4. TEST SETUP PHOTO 17

5. EUT CONSTRUCTIONAL DETAILS 17

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:	900Q 4G
Main Model:	900Q
Series Models:	/
Model Difference:	/
Operation Frequency:	BLE 1M:2402MHz~2480MHz
Channel Numbers:	BLE 1M:40
Channel Separation:	2MHz
Modulation Type:	GFSK
Antenna Type:	Internal Antenna
Antenna Gain:	1.72dBi
Hardware Version:	/
Software Version:	/
Power supply:	5V/0.55A
Battery:	DC 3.8V/550mAh

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**

BLE 1M	
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	BLE 1M		
	Frequency		
	2402MHz	2440MHz	2480MHz
	Default	Default	Default

2.4 Test condition

POWER SUPPLY VOLTAGE FLUCTUATION TEST

Voltage Fluctuation Test	Normal Voltage	High Voltage +10% of Normal Voltage	Low Voltage -10% of Normal Voltage
Power supply	DC 3.8V	DC 4.18V	DC 3.42V
Output To RF Module	DC 3.33V	DC 3.34V	DC 3.31V
Voltage Variation (%)	--	+0.30%	-0.60%

Note:
Voltage Variation (%)
= (Output high or Low Voltage - Output Normal Voltage)/ Output Normal Voltage* 100
During the input supply voltage to the EUT from the external power source is varied by +/- 10%, if output voltage had been confirmed that the fluctuation of power supply to the RF circuit of EUT (excluding power source) is equal to or less than +/-1%. Exempt extremely high and low supply voltage condition test, EUT only operated in normal voltage to test all regulations.
The sample power supply was confirmed that input voltage variation at the radio unit in the radio equipment to be tested is less than +1% against a variation of +10% at the input voltage from the external power supply to the radio equipment, and the radio equipment was designed so as to be operated in a specified voltage variation limit within +10%, Radio can only test at normal Voltage.

Other	Normal Temperature/Tnor	25 ˚C
	Relative Humidity	79%
	Air 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	HYPA23029	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	KMW	ZLB7-18-40G-777	072410839	02/19/2026	02/18/2028
9	Power Amplifier	HZEMC	PA0118-43	HYPA23030	02/19/2026	02/18/2027
10	Power Amplifier	HZEMC	PA01840-45	HYPA23031	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

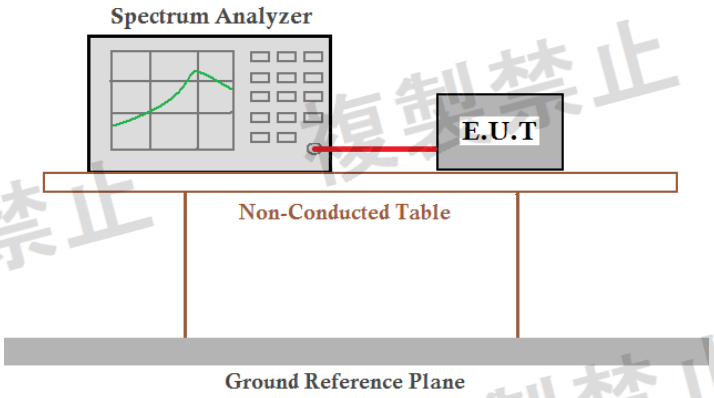
2.8 Measurement uncertainty

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	+/-6*10^{-7}
Total RF power, conducted	+/-0.8dB
Spurious emissions, conducted	+/-0.8dB
DC and low frequency voltages	+/-3%
Humidity	+/-5%
Temperature	+/-1°C

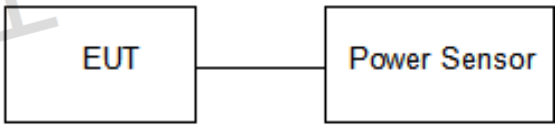
3. Test results and Measurement Data

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:	
Test Instruments:	Refer to section 2.7 for details
Test results:	Pass

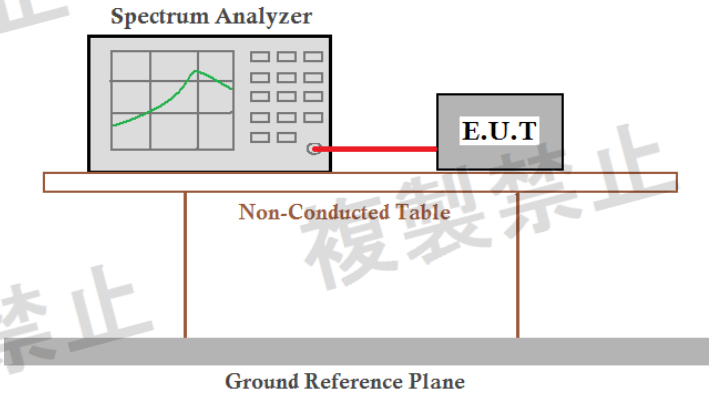
Measurement Data: The detailed test data see Appendix D

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:	
Test Instruments:	Refer to section 2.7 for details
Test results:	Pass

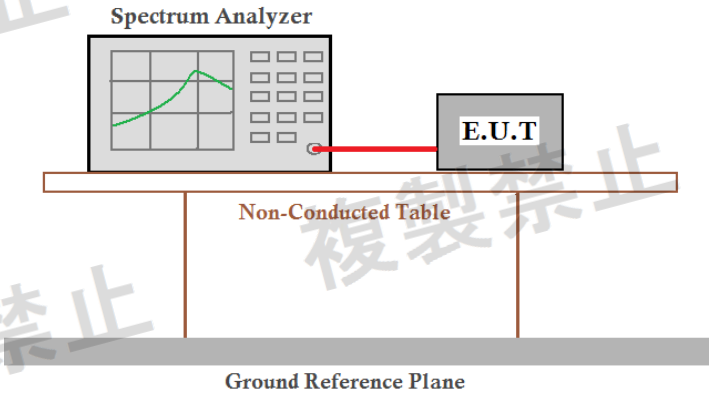
Measurement Data: The detailed test data see Appendix D

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:	
Test Instruments:	Refer to section 2.7 for details
Test mode:	Transmitting mode
Test results:	Pass

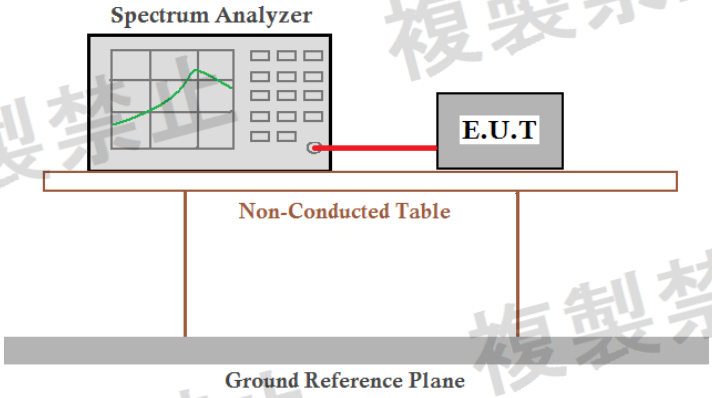
Measurement Data: The detailed test data see Appendix D

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:	
Test Instruments:	Refer to section 2.7 for details
Test mode:	Transmitting mode
Test results:	Pass

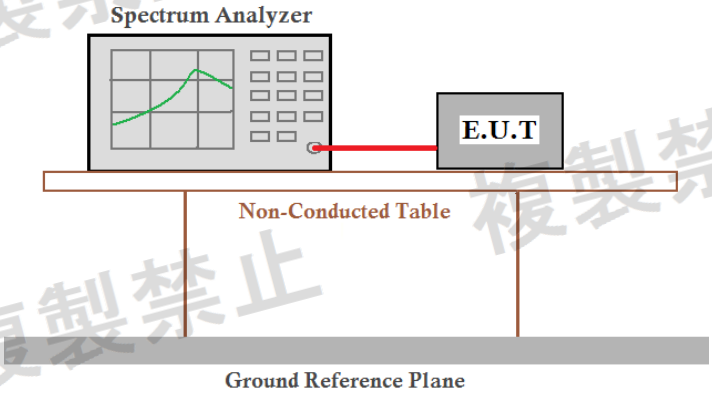
Measurement Data: The detailed test data see Appendix D

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

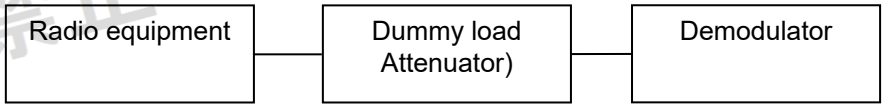
Note 1:SA set to from 2.4965GHz to 13GHz, plot shows from 2.497GHz to 13GHz as of SA' s default format.
Note 2:Measurement Data: The detailed test data see Appendix D

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:	
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:	
Test Instruments:	Refer to section 2.7 for details
Test results:	Pass

Measurement data:

Identification function:	Good; The MAC address is FC:11:14:GE:7W:87

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.

------END------

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