

TEST REPORT

Reference No...... : WTD26D07214452W005
FCC ID : 2AD6G-R26
Applicant..... : Rongta Technology (Xiamen) Group Co., Ltd.
Address..... : No.88, Tonghui South Road, Tongan, Xiamen City, China
Manufacturer : Rongta Technology (Xiamen) Group Co., Ltd.
Address..... : No.88, Tonghui South Road, Tongan, Xiamen City, China
Product..... : Smart Label Printer
Model(s) : Refer to the section 4.3.
Standards..... : 47CFR FCC Part 2 Subpart J Section 2.1093
Date of Receipt sample : 2026-07-27
Date of Test : 2026-08-10 to 2026-09-02
Date of Issue..... : 2026-09-04
Test Result..... : **Pass**

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

Prepared By:

Waltek Testing Group Co., Ltd.

Address: No. 77, Houjie Section, Guantai Road, Houjie Town, Dongguan City, Guangdong, China

Tel: +86-769-2267 6998

Fax: +86-769-2267 6828

Compiled by:

Approved by:

Amos Li
Amos Li / Project Engineer

Deval Qin
Deval Qin / Designated Reviewer



2. Contents

	Page
1 COVER PAGE.....	1
2. CONTENTS.....	2
3. REVISION HISTORY.....	3
4. GENERAL INFORMATION.....	4
4.1. GENERAL DESCRIPTION OF E.U.T.....	4
4.2. DETAILS OF E.U.T.	4
4.3. MODEL LIST.....	5
4.4. TEST FACILITY	6
4.5. SUBCONTRACTED	6
4.6. ABNORMALITIES FROM STANDARD CONDITIONS.....	6
5. TEST SUMMARY	7
6. RF EXPOSURE.....	8
6.1. PROCEDURES AND REQUIREMENTS	8
6.2. CALCULATION METHOD.....	9
6.3. RADIO FREQUENCY RADIATION EXPOSURE EVALUATION.....	9

3. Revision History

Test Report No.	Date of Receipt Sample	Date of Test	Date of Issue	Purpose	Comment	Approved
WTD26D07214452W005	2026-07-27	2026-08-10 to 2026-09-02	2026-09-04	Original	-	Valid

4. General Information

4.1. General Description of E.U.T.

Product:	Smart Label Printer
Model(s):	Refer to the section 4.3.
Model Description:	Only the model name, appearance color and screen printing of the shell are different Model R26 was tested in the report.
Test Sample No.:	1-1/1
Bluetooth Version:	V5.1
Hardware Version:	R26_JL_BU_V*****(*=0-9, A-Z.a-z, "." "_")
Software Version:	V*****(*=0-9, A-Z.a-z, "." "_")

4.2. Details of E.U.T.

Operation Frequency:	LE/Bluetooth: 2402~2480MHz NFC: 13.56MHz
Max. RF output power:	LE 1M: 0.32dBm, LE 2M: 0.43dBm Bluetooth: -2.75dBm NFC: 58.55 dBuV/m
Modulation Technology:	LE: GFSK Bluetooth: GFSK, $\pi/4$ DQPSK, 8DPSK NFC: ASK
Antenna installation:	LE/Bluetooth: PCB Antenna NFC: ACE H2 Antenna
Antenna Gain:	LE/Bluetooth: -0.58dBi NFC: 0dBi

Note:

#: The antenna gain is provided by the applicant, and the applicant should be responsible for its authenticity, WALTEK lab has not verified the authenticity of its information.

Ratings:	Input: 5VDC, 1A Battery: 3.7VDC, 1300mAh, 4.81Wh
----------	---

4.3. Model List

Model:	Test model: R26
	Reference model: R26A, R26B, R26C, R26D, R26E , R26F, R26G, R26H, R26I, R26J, R26K, R26L, R26M, R26N, R26O, R26P, R26Q, R26R, R26S, R26T, R26U, R26V, R26W, R26X, R26Y, R26Z, R26HD, R26 Pro, R26 Plus, R26 Lite, R26 Mini, R26A Pro, R26A Plus, R26A Lite, R26A Mini, R26B Pro, R26B Plus, R26B Lite, R26B Mini, R26C Pro, R26C Plus, R26C Lite, R26C Mini, R26D Pro, R26D Plus, R26D Lite, R26D Mini, R26E Pro, R26E Plus, R26E Lite, R26E Mini, R26F Pro, R26F Plus, R26F Lite, R26F Mini, R26G Pro, R26G Plus, R26G Lite, R26G Mini, R26S Pro, R26S Plus, R26S Lite, R26S Mini, R26W Pro, R26W Plus, R26W Lite, R26W Mini, R21, R21A, R21B, R21C, R21D, R21E , R21F, R21G, R21H, R21I, R21J, R21K, R21L, R21M, R21N, R21O, R21P, R21Q, R21R, R21S, R21T, R21U, R21V, R21W, R21X, R21Y, R21Z, R21HD, R21 Pro, R21 Plus, R21 Lite, R21 Mini, R21A Pro, R21A Plus, R21A Lite, R21A Mini, R21B Pro, R21B Plus, R21B Lite, R21B Mini, R21C Pro, R21C Plus, R21C Lite, R21C Mini, R21D Pro, R21D Plus, R21D Lite, R21D Mini, R21E Pro, R21E Plus, R21E Lite, R21E Mini, R21F Pro, R21F Plus, R21F Lite, R21F Mini, R21G Pro, R21G Plus, R21G Lite, R21G Mini, R21S Pro, R21S Plus, R21S Lite, R21S Mini, R21W Pro, R21W Plus, R21W Lite, R21W Mini, R23, R23A, R23B, R23C, R23D, R23E , R23F, R23G, R23H, R23I, R23J, R23K, R23L, R23M, R23N, R23O, R23P, R23Q, R23R, R23S, R23T, R23U, R23V, R23W, R23X, R23Y, R23Z, R23HD, R23 Pro, R23 Plus, R23 Lite, R23 Mini, R23A Pro, R23A Plus, R23A Lite, R23A Mini, R23B Pro, R23B Plus, R23B Lite, R23B Mini, R23C Pro, R23C Plus, R23C Lite, R23C Mini, R23D Pro, R23D Plus, R23D Lite, R23D Mini, R23E Pro, R23E Plus, R23E Lite, R23E Mini, R23F Pro, R23F Plus, R23F Lite, R23F Mini, R23G Pro, R23G Plus, R23G Lite, R23G Mini, R23S Pro, R23S Plus, R23S Lite, R23S Mini, R23W Pro, R23W Plus, R23W Lite, R23W Mini, R*****(*=0-9 or A-Z or blank)

4.4. Test Facility

The test facility has a test site registered with the following organizations:

ISED CAB identifier: CN0013. Test Firm Registration No.: 7760A.

Waltek Testing Group Co., Ltd. Has been registered and fully described in a report filed with the Industry Canada. The acceptance letter from the Industry Canada is maintained in our files.

Registration number 7760A, October 15, 2016.

FCC Designation No.: CN1201. Test Firm Registration No.: 523476.

Waltek Testing Group Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration number 523476, September 10, 2019.

4.5. Subcontracted

Whether parts of tests for the product have been subcontracted to other labs:

☐ Yes ☒ No

If Yes, list the related test items and lab information:

Test Lab: N/A

Lab address: N/A

Test items: N/A

4.6. Abnormalities from Standard Conditions

None.

5. Test Summary

Test Items	Test Requirement	Result
Maximum Permissible Exposure (Exposure of Humans to RF Fields)	47CFR FCC Part 2 Subpart J § 2.1093	PASS

6. RF Exposure

Test Requirement: 47CFR FCC Part 2 Subpart J § 2.1093

Evaluation Method: 47CFR FCC Part 1 Subpart I §1.1307,
KDB 447498 D01 General RF Exposure Guidance v06

6.1. Procedures and Requirements

According to §15.247 (i) and §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR, where

- $f(\text{GHz})$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

Routine SAR evaluation refers to that specifically required by § 2.1093, using measurements or computer simulation. When routine SAR evaluation is not required, portable transmitters with output power greater than the applicable low threshold require SAR evaluation to qualify for TCB approval.

According to the KDB 447498 D01 V06, 4.3.1 c), for frequencies below 100 MHz, the following may be considered for SAR test exclusion (also illustrated in Appendix C):

Appendix C

SAR Test Exclusion Thresholds for < 100 MHz and < 200 mm

Approximate SAR test exclusion power thresholds at selected frequencies and test separation distances are illustrated in the following table. The equation and threshold in 4.3.1 must be applied to determine SAR test exclusion.

MHz	< 50	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	mm
100	237	474	481	487	494	501	507	514	521	527	534	541	547	554	561	567	mW
50	308	617	625	634	643	651	660	669	677	686	695	703	712	721	729	738	
10	474	948	961	975	988	1001	1015	1028	1041	1055	1068	1081	1095	1108	1121	1135	
1	711	1422	1442	1462	1482	1502	1522	1542	1562	1582	1602	1622	1642	1662	1682	1702	
0.1	948	1896	1923	1949	1976	2003	2029	2056	2083	2109	2136	2163	2189	2216	2243	2269	
0.05	1019	2039	2067	2096	2125	2153	2182	2211	2239	2268	2297	2325	2354	2383	2411	2440	
0.01	1185	2370	2403	2437	2470	2503	2537	2570	2603	2637	2670	2703	2737	2770	2803	2837	

6.2. Calculation Method

$$\text{Result} = P\sqrt{F} / D$$

P= Maximum turn-up power in mW

F= Channel frequency in GHz

D= Minimum test separation distance in mm

6.3. Radio Frequency Radiation Exposure Evaluation

According to ANSI C63.10:2013 clause 9.5

Calculate the EIRP from the radiated field strength in the far field using Equation (22):

$$\text{EIRP} = E_{\text{Meas}} + 20 \log(d_{\text{Meas}}) - 104.7 \quad (22)$$

where

EIRP is the equivalent isotropically radiated power, in dBm
 E_{Meas} is the field strength of the emission at the measurement distance, in dBμV/m
 d_{Meas} is the measurement distance, in m

NOTE—Because this equation yields the identical result whether the field strength is extrapolated using the default 20 dB/decade of distance extrapolation factor, or the field strength is not extrapolated for distance, this equation can generally be applied directly (with no further correction) to determine EIRP. In some cases, a different distance correction factor may be required; see 9.1.

Frequency(MHz)	E-Field Strength (dBuV/m)	Measurement Distance (m)	EIRP (dBm)
13.56	58.55	3	-36.61

A distance of 5mm normally can be maintained between the user and the device.

Modulation	CH	Freq. (GHz)	Max Power (dBm)	Max. Tune-up Power (dBm)	Max. Tune-up Power (mW)	Distance (mm)	Result	Limit	Ratio
LE	High	2.480	0.43	1.43	1.39	5	0.44	3	0.146667
Bluetooth	High	2.480	-2.75	-1.75	0.67	5	0.21	3	0.070000

Modulation	Freq. (GHz)	Max Power (dBm)	Max. Tune-up Power (dBm)	Max. Tune-up Power (mW)	Distance (mm)	Limit (mW)	Ratio
NFC	0.01356	-36.61	-35.61	0.0003	5	308	0.000001

Simultaneous Transmissions

Mode	Sum of the MPE rate	Limit
LE+NFC	0.146668	1
Bluetooth+NFC	0.070001	1

Note:

1. EIRP (dBm)= Max Power (dBm) + G(dBi).
2. Chose the maximum power to do MPE analysis.
3. Bluetooth and LE share the same antenna and cannot transmit simultaneously.

Conclusion:

No SAR measurement is required.

=====End of Report=====