TEST REPORT

Applicant:	Jiangmen Dascom Computer Peripherals Co., Ltd.
Address:	No 399, Jin Xing Road, Jiang Hai District, Jiangmen City Guang Dong Province, China
Equipment Type:	Card Printer
Model Name:	DC-340 (refer to section 2.3)
Brand Name:	DASCOM Tally DASCOM
FCC ID:	Z7ODC340
Test Standard:	KDB 447498 D04 v01
Sample Arrival Date:	Sep. 24, 2024
Test Date:	Sep. 25, 2024 - Oct. 17, 2024
Date of Issue:	Dec. 20, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Xiong Lining **Checked by:** Xu Rui **Approved by:** Tolan Tu (Testing Director)

Revision History

Version	Issue Date	Revisions Content
Rev. 01	Dec. 20, 2024	Initial Issue

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☐ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☑ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Jiangmen Dascom Computer Peripherals Co., Ltd.
Address	No 399, Jin Xing Road, Jiang Hai District, Jiangmen City Guang Dong Province, China

2.2 Manufacturer Information

Manufacturer	Jiangmen Dascom Computer Peripherals Co., Ltd.
Address	No 399, Jin Xing Road, Jiang Hai District, Jiangmen City Guang Dong Province, China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Card Printer
Model Name Under Test	DC-340
Series Model Name	DC-342, DC-346
Description of Model name differentiation	They are technical identical except the different model name only. (this information provided by the applicant)
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	RFID

The requirement for the following technical information of the EUT was tested in this report:

Operating Mode	RFID	
Frequency Range	RFID	13.56 MHz
Antenna Type	RFID	Coil Antenna
Exposure Category	General Population/Uncontrolled Exposure	
EUT Type	Mobile Device	

3 SUMMARY OF TEST RESULT

3.1 Test Standards

No.	Identity	Document Title
1	KDB 447498 D04 v01	KDB 447498 D04 Interim General RF Exposure Guidance v01

3.2 Limit Standards

No.	Identity	Document Title
1	47 CFR Part 2.1091	Radiofrequency radiation exposure evaluation: mobile devices

4 DEVICE CATEGORY AND LEVELS LIMITS

Mobile Devices:

CFR Title 47 §2.1091(b)

(b) For purposes of this section, a mobile device is defined as a transmitting device designed to be used in other than fixed locations and to generally be used in such a way that a separation distance of at least 20 centimeters is normally maintained between the transmitter's radiating structure(s) and the body of the user or nearby persons.

FCC KDB 447498 Devices:

In section 2.1.2 of FCC KDB 447498 D04, per § 1.1307(b)(3)(i)(A), a single RF source is exempt RF device (from the requirement to show data demonstrating compliance to RF exposure limits, as previously mentioned) if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance. This exemption applies to all operating configurations and exposure conditions, for the frequency range 100 kHz to 100 GHz, regardless of fixed, mobile, or portable device exposure conditions. This is a standalone exemption, and it cannot be applied in conjunction with any other test exemption.

5 ASSESSMENT RESULT

5.1 Output Power

Mode	RFID
Field Strength (dBuV/m)	62.03
Conducted Power (dBm)	-17.62
Antenna Gain (dBi)	3.00
ERP (dBm)	-16.77
Note: This report listed the worst case power value, please refer to RF test report for more details.	

5.2 Tune-up power

Mode	Conducted Power Range (dBm)	ERP Range (dBm)
RFID	[-19.00, -17.00]	[-18.15, -16.15]
Note: ERP= EIRP -2.15dB		

5.3 RF Exposure Evaluation Result

Evolution mode	Maximum power (dBm)	Maximum power (mw)	Distance (mm)	Threshold Power (mW)	Verdict
RFID	-16.15	0.02	200	1.00	Pass

5.4 Conclusion

This EUT is deemed to comply with the reference level limits, therefore the basic restrictions are compliant with human exposure limits.

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
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--END OF REPORT--