

TEST REPORT

Applicant Name: Bigme Cloud Literacy Technology Co., Ltd.
Address: 01 18F.,COFCO PROPERTY TOWER,BAOMIN NO.1RD.,BAO AN
3RD DISTRICT,SHENZHEN, CHINA
Report Number: 2604W18559E-RF
FCC ID: 2A8EM-F13

Test Standard (s)

47 CFR §2.1091

Sample Description

Product Name: ePaper Frame
Model No.: F13
Trade Mark: Bigme
Received Date: 2026-08-04
Report Date: 2026-08-21

Test Result:	The EUT complied with the standards above.
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Prepared and Checked By:

Roger Ling

Roger Ling
Engineer

Approved By:

Bob. Liao

Bob.Liao
Supervisor

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Bay Area Compliance Laboratories Corp. (Shenzhen, Guangming)

Floor 1, KuMaKe Building, Dongzhou Community, Guangming Street, Guangming District, Shenzhen, Guangdong, China.

Tel: +86 755-26503290

Web: www.baclcorp.com.cn

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
Rev.00	2604W18559E-RF	Original Report	2026-08-21

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product Name	ePaper Frame
Tested Model	F13
Voltage Range [#]	DC 5V from type-c Port DC 3.85V from rechargeable battery

Frequency Range	2.4G Wi-Fi: 2412-2462MHz
Maximum Conducted Output Power(Peak) (actual test result)	21.47 dBm
Antenna Specification [#]	Internal Antenna, Gain: 1.92 dBi (The gain is provided by the applicant.)
Sample Serial Number	3RAX-2 (Assigned by BACL, Shenzhen, Guangming)
Sample/EUT Status	Good condition

Objective

This test report is in accordance with Part 2-Subpart J, Radiofrequency Radiation Exposure of the Federal Communication Commission rules.

The tests were performed in order to determine compliance with 47 CFR §2.1091 rules.

Test Facility

The test site used by Bay Area Compliance Laboratories Corp. (Shenzhen, Guangming) to collect test data is located on the Floor 1, KuMaKe Building, Dongzhou Community, Guangming Street, Guangming District, Shenzhen, Guangdong, China.

Accredited by American Association for Laboratory Accreditation (A2LA).The Certificate Number is 4297.01.

MAXIMUM PERMISSIBLE EXPOSURE (MPE)

Applicable Standard

According to subpart 2.1091 systems operating under the provisions of this section shall be operated in a manner that ensures the public is not exposed to RF energy level in excess of the communication guidelines.

Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Averaging Time (Minutes)
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f ²)	30
30-300	27.5	0.073	0.2	30
300-1500	/	/	f/1500	30
1500-100,000	/	/	1.0	30

f = frequency in MHz

* = Plane-wave equivalent power density

MPE Calculated Formulary:

- Predication of MPE limit at a given distance

$$S = \frac{PG}{4\pi R^2}$$

S = power density (in appropriate units, e.g. mW/cm²)

P = power input to the antenna (in appropriate units, e.g., mW).

G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor, is normally numeric gain.

R = distance to the center of radiation of the antenna (appropriate units, e.g., cm)

Calculated Result

Frequency (MHz)	Antenna Gain [#]		Tune up conducted power [#]		Evaluation Distance (cm)	Power Density (mW/cm ²)	MPE Limit (mW/cm ²)
	(dBi)	(numeric)	(dBm)	(mW)			
2402-2462	1.92	1.56	21.5	141.25	20	0.044	1.00

Note: The tune-up power and antenna gain are declared by the applicant.

To maintain compliance with the FCC's RF exposure guidelines, place the equipment at least 20cm from nearby persons.

Result: Compliance

EXHIBIT A-EUT PHOTOGRAPHS

Please refer to the Attachment No.1 2604W18559E-RF EUT External Photos and Attachment No.2 2604W18559E-RF EUT Internal Photos.

***** END OF REPORT *****