Test Report No.:
FCC2022-0058-H

Test Report

EUT	:	**10.1inch Digital photo frame**
MODEL	:	**J001,J-001A, J-001B, B-001, B-001A,B-001B,WF-12A ,WF-12B**
BRAND NAME	:	**/**
CLIENT	:	**Shenzhen Xinxiang Electronic Technology Co., Ltd.**
Classification Of Test	:	**N/A**

CVC Testing Technology Co., Ltd.

Client	**Name : Shenzhen Xinxiang Electronic Technology Co., Ltd.** **Address : 5F, Building A, Zhonghengsheng Technology Park, No. 3, Xinyu Road, Xinqiao Street, Shajing, Baoan District, Shenzhen**
Manufacturer	**Name : Shenzhen Xinxiang Electronic Technology Co., Ltd.** **Address : 5F, Building A, Zhonghengsheng Technology Park, No. 3, Xinyu Road, Xinqiao Street, Shajing, Baoan District, Shenzhen**
Equipment Under Test	**Name : 10.1inch Digital photo frame** **Model/Type: J001,J-001A, J-001B, B-001, B-001A,B-001B,WF-12A ,WF-12B** **Trade mark : /** **Serial NO.:N/A** **Sampe NO.:3-1**

Date of Receipt.	**2022.09.21**	Date of Testing	**2022.09.21～2022.10.13**

Test Specification	**Test Result**
FCC Part 2.1091 & KDB 447498 D04 Interim General RF Exposure Guidance v01	PASS

Evaluation of Test Result	The equipment under test was found to comply with the requirements of the standards applied. **Issue Date: 2022.10.18**

Tested by:	Reviewed by:	Approved by:
Xu ZhenFei	Liu YongHai	Chen HuaWen
Name Signature	Name Signature	Name Signature

Other Aspects: NONE.

Abbreviations:OK, Pass= passed Fail = failed N/A= not applicable EUT= equipment, sample(s) under tested

TABLE OF CONTENTS

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FCC2022-0058-H	Original release	2022.10.18

1. GERTIFICATION

FCC ID	2A84G-0001
PRODUCT	10.1inch Digital photo frame
BRAND	N/A
MODEL	J001
ADDITIONAL MODEL	J-001A, J-001B, B-001,B-001A,B-001B,WF-12A ,WF-12B
STANDARDS	FCC Part 2.1091
	KDB 447498 D04 Interim General RF Exposure Guidance v01

Remark:

1. For more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
2. The model J001 is same as the additional model except in brand name and model name.For detailed information ,please refer to manufacturer's Difference Declaration Letter.

2. RF EXPOSURE LIMITGENERAL INFORMATION

2.1Classification

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user. So, this device is classified as **Mobile Device**.

2.2 LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

(Option B) According to Part1.1307b, or the available maximum time-averaged power or effective radiated power (ERP), whichever is greater, is less than or equal to the threshold P_{th} (mW) described in the following formula. This method shall only be used at separation distances (cm) from 0.5 centimeters to 40 centimeters and at frequencies from 0.3 GHz to 6 GHz (inclusive). P is given by:

$$P_{\text{th}}\ (\text{mW}) = \begin{cases} ERP_{20\ \text{cm}}(d/20\ \text{cm})^{x} & d \le 20\ \text{cm} \\ ERP_{20\ \text{cm}} & 20\ \text{cm} < d \le 40\ \text{cm} \end{cases}$$

Where

$$x = -\log_{10}\left(\frac{60}{ERP_{20\ \text{cm}}\sqrt{f}}\right)$$

and f is in GHz;

and

$$P_{\text{th}}\ (\text{mW}) = ERP_{20\ \text{cm}}\ (\text{mW}) = \begin{cases} 2040f & 0.3\ \text{GHz} \le f < 1.5\ \text{GHz} \\ 3060 & 1.5\ \text{GHz} \le f \le 6\ \text{GHz} \end{cases}$$

(Option C) Or using Table 1 and the minimum separation distance (R in meters) from the body of a nearby person for the frequency (f in MHz) at which the source operates, the ERP (watts) is no more than the calculated value prescribed for that frequency. For the exemption in Table 1 to apply, R must be at least $\lambda/2\pi$, where λ is the free-space operating wavelength in meters. If the ERP of a single RF source is not easily obtained, then the available maximum time-averaged power may be used in lieu of ERP if the physical dimensions of the radiating structure(s) do not exceed the electrical length of $\lambda/4$ or if the antenna gain is less than that of a half-wave dipole (1.64 linear value).

RF SOURCE FREQUENCY (MHZ)	THRESHOLD ERP(W)
0.3 -1.34	1,920 R^2
1.34 - 30	3,450 R^2F^2
30 -300	3.83 R^2
300-1500	0.0128 R^2F
1500-100,000	19.2R^2

3. ANTENNA GAIN

The antennas provided to the EUT, please refer to the following table:

Frequency (MHz)	Chain 0 Peak Gain (dBi)	Antenna Type
2412-2462	2.0	PCB Antenna

NOTE:Since the above data and/or information is provided by the client relevant results or conclusions of this report are only made for these data and/or information, CVC is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.

4. CALCULATION RESULT OF MAXIMUM CONDUCTED PEAK POWER

The measured conducted peak Power

Mode	Peak Power (dBm)
2.4G WIFI	15.07

FREQUENCY BAND	Maximum conducted power (dBm)	Maximum Antenna gain (dBi)	Max EIRP (dBm)	Max ERP (dBm)	Max ERP (mW)	Pth (mW)	Maximum ERP/EIRP Limit (mW)	Part1.1307b Threshold (mW)
2.4G WIFI	15.07	2.00	17.07	14.92	31.04	31.04	609.54	3060.00

NOTE:

1. The Max EIRP (dBm) = Max Conducted Power (dBm) + Antenna Gain (dBi)
2. The Max ERP (dBm) = Max Conducted Power (dBm) + Antenna Gain (dBi) - 2.15
3. Therefore, the device qualifies for RF exposure test exemption

Important

(1) The test report is valid with the official seal of the laboratory and the signatures of Test engineer, Author and Reviewer simultaneously.

(2) The test report is invalid if altered.

(3) Any photocopies or part photocopies in the test report are forbidden without the written permission from the laboratory.

(4) Objections to the test report must be submitted to the laboratory within 15 days.

(5) Generally, commission test is responsible for the tested samples only.

Address of the laboratory:
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