



FCC TEST REPORT

FCC ID: 2A62N-P1

Product	:	Digital Frame
Model Name	:	P1, P2, P3, P4, P5, P6, P7, P8, P9, P10
Brand	:	N/A
Report No.	:	PTC22032902901E-FC02
Sample ID	:	PTC22032902901E-01#
Prepared for		
GoXmart Technology Co., Ltd		
B216, Building B8, YinTianIndustrial Park, Bao'an Xixiang District, Shenzhen, China		
Prepared by		
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Report No.: PTC21081205903E-FC03

TEST RESULT CERTIFICATION

Applicant's name : GoXmart Technology Co., Ltd
Address : B216, Building B8, YinTianIndustrial Park, Bao'an Xixiang District, Shenzhen, China
Manufacture's name : GoXmart Technology Co., Ltd
Address : B216, Building B8, YinTianIndustrial Park, Bao'an Xixiang District, Shenzhen, China
Product name : Digital Frame
Model name : P1, P2, P3, P4, P5, P6, P7, P8, P9, P10
Test procedure : KDB 447498 D01 General RF Exposure Guidance v06
Test Date : Mar. 18, 2022 to Apr. 12, 2022
Date of Issue : Apr. 13, 2022
Test Result : Pass

This device described above has been tested by PTC, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Test Engineer:

A handwritten signature in black ink that reads "Leo Yang".

Leo Yang / Engineer

Technical Manager:

A handwritten signature in black ink that reads "Ronnie Liu".

Ronnie Liu / Manager



Contents

	Page
2 TEST SUMMARY.....	
3 GENERAL INFORMATION.....	
3.1 GENERAL DESCRIPTION OF E.U.T.....	5
4 RF EXPOSURE.....	
4.1 REQUIREMENTS.....	6
4.2 THE PROCEDURES / LIMIT.....	6
4.3 MPE CALCULATION METHOD.....	7
4.4 TEST RESULT.....	7



Report No.: PTC21081205903E-FC03

2 Test Summary

Test Items	Test Requirement	Result
Maximum Permissible Exposure (Exposure of Humans to RF Fields)	1.1307(b)(1)	PASS
Remark:		
N/A: Not Applicable		



3 General Information

3.1 General Description of E.U.T.

Product Name	:	Digital Frame
Model Name	:	P1, P2, P3, P4, P5, P6, P7, P8, P9, P10 Note: The appearance and color of the product are different, and the electrical principle is the same. The main test model is P1
Specification	:	802.11b
Operation Frequency	:	2412-2462MHz for 802.11b
Number of Channel	:	11 channels for 802.11b
Type of Modulation	:	DSSS with DBPSK/DQPSK/CCK for 802.11b;
Antenna installation	:	FPCB antenna
Antenna Gain	:	1.49dBi
Power supply	:	DC 5V 2A via adapter input 100-240V 50/60Hz 0.3A (GEO101U-050200U)
Hardware Version	:	V1.0
Software Version	:	V1.0



4 RF Exposure

Test Requirement : FCC Part 1.1307(b)(1)

Evaluation Method : FCC Part 2.1091

4.1 Requirements

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 levels in excess limit for maximum permissible exposure. In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as a mobile device whereby a distance of 0.2 m normally can be maintained between the user and the device.

4.2 The procedures / limit

(A) Limits for Occupational / Controlled Exposure

Frequency Range	Electric Field	Magnetic Field	Power Density (S)	Averaging Time
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842 / f	4.89 / f	(900 / f)*	6
30-300	61.4	0.163	1.0	6
300-1500			F/300	6
1500-100,000			5	6

(B) Limits for General Population / Uncontrolled Exposure

Frequency Range	Electric Field	Magnetic Field	Power Density (S)	Averaging Time
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f)*	30
30-300	27.5	0.073	0.2	30
300-1500			F/1500	30
1500-100,000			1.0	30

Note: f = frequency in MHz ; *Plane-wave equivalent power density



4.3 MPE Calculation Method

$$E \text{ (V/m)} = \frac{\sqrt{30 \times P \times G}}{d} \quad \text{Power Density: } P_d \text{ (W/m}^2\text{)} = \frac{E^2}{377}$$

E = Electric field (V/m)

P = Peak RF output power (W)

G = EUT Antenna numeric gain (numeric)

d = Separation distance between radiator and human body (m)

The formula can be changed to

$$P_d = \frac{30 \times P \times G}{377 \times d^2}$$

From the peak EUT RF output power, the minimum mobile separation distance, d=0.2m, as well as the gain of the used antenna, the RF power density can be obtained

4.4 Test Result

Item	Antenna Gain (numeric)	Max. Peak Output Power (dBm)	Peak Output Power (mw)	Power Density (mW/cm ²)	Limit of Power Density	Result
2462	1.41	16.82	48.08	0.013	1	Pass

*****THE END REPORT*****