




Product Name: Digital photo frame	Report No: FCC022022-05123MPE1
Product Model: PS11SZW	Security Classification: Open
Version: V1.0	Total Page: 5

# TIRT Testing Report

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# FCC RF EXPOSURE REPORT

## FCC ID: 2AXAQ-IMGCAP-101

**Equipment** : Digital photo frame  
**Trade Mark** : GreBear  
**Model Number** : PS11SZW, PS11SZY, PS11SZB, PS11SZ,  
PS11XXX, HS11XXX  
**Product No.** : 20220927017252  
**Applicant** : Anhui grizzly Vision Technology Co.,LTD  
**Address** : 7 Building High-tech industrial park,high-tech zone,Huainan City,AnHui  
**Manufacturer** : Anhui grizzly Vision Technology Co.,LTD  
**Address** : 7 Building High-tech industrial park,high-tech zone,Huainan City,AnHui  
**Date of Test** : 2022.09.27-2022.10.13  
**Issued Date** : 2022.10.13  
**Report Version** : V1.0  
**Test Sample** : Final Sample  
**Standard(s)** : FCC 47 CFR Part 1.1310 & FCC 47 CFR Part 2.1091

- The above equipment has been tested and found compliance with the requirement of the relative standards by TIRT Inc.
- The test result referred exclusively to the presented test model /sample.
- Without written approval of TIRT Inc., the test report shall not be reproduced except in full.

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## History of this test report

Original Report Issue Date: 2022.10.13

- No additional attachment
- Additional attachments were issued following record

Attachment No.	Issue Date	Description

## 1. MPE CALCULATION METHOD

### EVALUATION METHOD AND LIMIT

Human exposure to RF emissions from mobile devices (47 CFR §2.1091) may be evaluated based on the MPE limits adopted by the FCC for electric and magnetic field strength and/or power density, as appropriate, since exposures are assumed to occur at distances of 20 cm or more from persons.

### LIMITS FOR GENERAL POPULATION / UNCONTROLLED EXPOSURE

Frequency Range (MHz)	E-field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm <sup>2</sup> )	Averaging Time  E  <sup>2</sup> ,  H  <sup>2</sup> or S (Minutes)
0.3 -- 1.34	614	1.63	(100)*	30
1.34 -- 30	824/f	2.19/f	(180/f <sup>2</sup> )*	30
30 -- 300	27.5	0.073	0.2	30
300 -- 1500	--	--	f/1500	30
1500 -- 100,000	--	--	1.0	30

### Calculation Method of RF Safety Distance:

$$S = PG / 4\pi R^2$$

where:

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

### Table for Filed Antenna

For 2.4GWiFi

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	PIFA	N/A	2.67

## 2. TEST RESULTS

2.4G WIFI: Antenna Gain=2.67dBi (Numeric 1.849),  $\pi=3.14$

Mode	Frequency MHz	Output Power dBm	Output Power mW	Power Density mW/cm <sup>2</sup>	Power Density Limit mW/cm <sup>2</sup>
802.11b	2412	19.45	88.10	0.032	1
802.11g	2412	16.99	50.00	0.018	1
802.11n20	2462	16.84	48.31	0.018	1

Note:

1. The calculated distance is 20 cm.
2. Only the worst case data are recorded.

## 3.CONCLUSION :

Compliance the RF exposure requirement

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(END OF REPORT)