


# FCC RF EXPOSURE REPORT

## FCC ID: 2BQS9-PX101T

**Project No.** : 2506C237  
**Equipment** : pexar Digital Picture Frame  
**Brand Name** :   
**Test Model** : PX-101T  
**Model Name** : PX-101T  
**Hardware Version** : DPF1086\_MK\_32  
**Firmware Version** : Android 8.1  
**Applicant** : Lexar Co., Limited  
**Address** : Room B, 7/F, Ever Gain Centre, 28 On Muk Street, Shatin, New Territories, Hong Kong  
**Manufacturer** : Lexar Co., Limited  
**Address** : Room B, 7/F, Ever Gain Centre, 28 On Muk Street, Shatin, New Territories, Hong Kong  
**Date of Receipt** : Jul. 09, 2025  
**Date of Test** : Jul. 11, 2025 ~ Jul. 28, 2025  
**Issued Date** : Aug. 20, 2025  
**Test Sample** : Engineering Sample No.: DG2025070925  
**Standard(s)** : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091  
FCC Title 47 Part 2.1091 & KDB 447498 D01 v06

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc. (Dongguan)

**Prepared by** :   
Chella Zheng

**Approved by** :   
Chay Cai

No.3, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.  
Tel: +86-769-8318-3000    Web: [www.newbtl.com](http://www.newbtl.com)    Service mail: [btl\\_qa@newbtl.com](mailto:btl_qa@newbtl.com)

### REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2506C237	R00	Original Report.	Aug. 20, 2025	Valid

## 1. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

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

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

## 2. ANTENNA SPECIFICATION

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	SWARD	DPF1086	FPC	N/A	4.73

Note: The antenna gain is provided by the manufacturer.

## 3. CALCULATED RESULT

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
4.73	2.9717	16.83	48.1948	0.02851	1	Complies

Note:

(1) The calculated distance is 20 cm.

End of Test Report