

Report No.: BTL-FCCP-2-2507C030 Report Version: R00

# FCC RF EXPOSURE REPORT

**FCC ID: 2BQS9-PX156S** 

**Project No.** : 2507C030

**Equipment**: pexar Digital Picture Frame

Brand Name : PX-156S

Model Name : PX-156S

Hardware Version : PF1560\_V2.03

Firmware Version : Android 11

**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. 08, 2025

**Date of Test** : Jul. 09, 2025 ~ Aug. 06, 2025

**Issued Date** : Aug. 14, 2025

Test Sample : Engineering Sample No.: DG20250708125

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 : Wella Thank

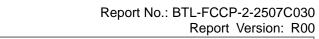
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# **REVISION HISTORY**

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2507C030	R00	Original Report.	Aug. 14, 2025	Valid



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## 1. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

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

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

#### 2. ANTENNA SPECIFICATION

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	SWARD	DPF1606	FPC	N/A	4.9

Note: The antenna gain is provided by the manufacturer.



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# 3. CALCULATED RESULT

### For 2.4GHz:

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/cm²)	Test Result
4.9	3.0903	14.2	26.3027	0.01618	1	Complies

#### Note:

(1) The calculated distance is 20 cm.

**End of Test Report**