FCC RF EXPOSURE REPORT

FCC ID: 2BQS9-PX156S

Project No.	:	2507C030
Equipment	:	pexar Digital Picture Frame
Brand Name	:	pexar
Test Model	:	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)

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REVISION HISTORY

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

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.

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^2)	Limit of Power Density (S) (mW/cm^2)	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