

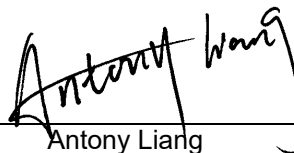
# FCC RF EXPOSURE REPORT

## FCC ID: 2AYMH-NP-200

**Project No.** : 2409C159  
**Equipment** : electronic shelf label  
**Brand Name** : Hanshow  
**Test Model** : Nebular Pro-200Q-N  
**Series Model** : Nebular-200Y-N, Nebular Pro-200H-N  
**Applicant** : HANSHOW TECHNOLOGY CO.,LTD.  
**Address** : Building 1(IF podium building and 4F) and Building 5 (7F) in Jiaxing Photovolta High-tech Park, No. 1288 Kanghe Rd., Xiuzhou District, Jiaxing, Zhejiang China  
**Manufacturer** : HANSHOW TECHNOLOGY CO.,LTD.  
**Address** : Building 1(IF podium building and 4F) and Building 5 (7F) in Jiaxing Photovolta High-tech Park, No. 1288 Kanghe Rd., Xiuzhou District, Jiaxing, Zhejiang China  
**Factory** : HANSHOW TECHNOLOGY CO.,LTD.  
**Address** : Building 1(IF podium building and 4F) and Building 5 (7F) in Jiaxing Photovolta High-tech Park, No. 1288 Kanghe Rd., Xiuzhou District, Jiaxing, Zhejiang China  
**Date of Receipt** : Sep. 18, 2024  
**Date of Test** : Sep. 19, 2024 ~ Oct. 11, 2024  
**Issued Date** : Oct. 18, 2024  
**Report Version** : R00  
**Test Sample** : Engineering Sample No.: SSL20240918222  
**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.

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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2409C159	R00	Original Report.	Oct. 18, 2024	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	N/A	HSEL4Q_01_90M_30	PCB	N/A	-0.7

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
-0.7	0.8511	2.8	1.9055	0.00032	1	Complies

Note:

(1) The calculated distance is 20 cm.

**End of Test Report**