

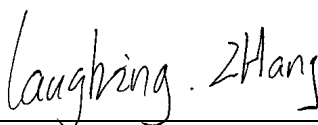
FCC RF EXPOSURE REPORT

FCC ID: RNE06050MTX

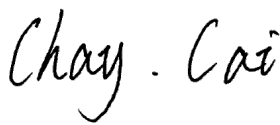
Project No. : 2410C385
Equipment : OUTDOOR SENSOR
Brand Name : ACURITE
Model Name : 06050M
Test Model : 06050M
Applicant : Chaney Instrument Co.
Address : Unit No. 1, 9/F., Clifford Centre, No. 782 Cheung Sha Wan Road,
Kowloon, Hong Kong.
Manufacturer : Chaney Instrument Co.
Address : Unit No. 1, 9/F., Clifford Centre, No. 782 Cheung Sha Wan Road,
Kowloon, Hong Kong.
Factory : Chaney Instrument Co.
Address : Unit No. 1, 9/F., Clifford Centre, No. 782 Cheung Sha Wan Road,
Kowloon, Hong Kong.
Date of Receipt : Nov. 07, 2024
Date of Test : Nov. 11, 2024 ~ Nov. 28, 2024
Issued Date : Aug. 07, 2026
Test Sample : Engineering Sample No.: DG2024110776
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 :


Laughing Zhang

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 Service mail: btl_qa@newbtl.com

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2410C385	R00	Original Report.	Jun. 08, 2026	Invalid
BTL-FCCP-2-2410C385	R01	It is a revision of the report BTL-FCCP-2-2410C385 R00, with the following revisions: a. Modified the antenna type to wire antenna. b. Recalculated the test results. This is a newly released report, replacing the BTL-FCCP-2-2410C385 R00 report.	Aug. 07, 2026	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.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Wire antenna	N/A	2

Note: The antenna gain is provided by the manufacturer.

3. CALCULATED RESULT

Max. ERP (dBm)	Max. ERP (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
-24.26	0.0037	0.000001	1	Complies

Note:

(1) Max. Field Strength@3m=71.00dBuV/m

(2) Max ERP =Field Strength+20log(d)-104.8, where d is the measurement distance.

(3) The calculated distance is 20cm.

End of Test Report