

## MAXIMUM PERMISSIBLE EXPOSURE EVALUATION REPORT

**Applicant:** Anker Innovations Limited

**Address:** Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong

**Product Name:** eufyCam C35

**FCC ID:** 2AOKB-T8110

**Standard(s):** 47 CFR §1.1310, 47 CFR §2.1091,  
47 CFR §15.247(i)

**Report Number:** 2502U62701E-RF-00D

**Report Date:** 2025/7/18

The above device has been tested and found compliant with the requirement of the relative standards by Bay Area Compliance Laboratories Corp. (Dongguan).

*Alice Tan*

**Reviewed By:** Alice Tan

Title: RF Engineer

*Pedro Yun*

**Approved By:** Pedro Yun

Title: RF Supervisor

---

**Bay Area Compliance Laboratories Corp. (Dongguan)**  
No.12, Pulong East 1<sup>st</sup> Road, Tangxia Town, Dongguan, Guangdong, China

Tel: +86-769-86858888

Fax: +86-769-86858891

[www.baclcorp.com.cn](http://www.baclcorp.com.cn)

Note: The information marked ▲ is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This report cannot be reproduced except in full, without prior written approval of the Company. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0. This report may contain data that are not covered by the accreditation scope and shall be marked with ★. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Each test item follows the test standard(s) without deviation.

# CONTENTS

|                                                             |          |
|-------------------------------------------------------------|----------|
| <b>DOCUMENT REVISION HISTORY .....</b>                      | <b>3</b> |
| <b>1. GENERAL INFORMATION .....</b>                         | <b>4</b> |
| <b>1.1 GENERAL DESCRIPTION OF EQUIPMENT UNDER TEST.....</b> | <b>4</b> |
| <b>2.RF EXPOSURE EVALUATION (MPE).....</b>                  | <b>5</b> |
| <b>2.1. RF EXPOSURE EVALUATION.....</b>                     | <b>5</b> |
| 2.1.1 Applicable Standard.....                              | 5        |
| 2.1.2 Calculation formula .....                             | 5        |
| 2.1.3 Calculated Data:.....                                 | 5        |
| <b>EXHIBIT A - EUT PHOTOGRAPHS.....</b>                     | <b>6</b> |

**DOCUMENT REVISION HISTORY**

| Revision Number | Report Number      | Description of Revision | Date of Revision |
|-----------------|--------------------|-------------------------|------------------|
| 1.0             | 2502U62701E-RF-00D | Original Report         | 2025/7/18        |

## 1. GENERAL INFORMATION

### 1.1 General Description Of Equipment under Test

|                             |                                        |
|-----------------------------|----------------------------------------|
| <b>EUT Name:</b>            | eufyCam C35                            |
| <b>EUT Model:</b>           | T8110                                  |
| <b>Rated Input Voltage:</b> | DC 3.6V from battery or DC 5V from USB |
| <b>EUT Received Date:</b>   | 2025/6/4                               |
| <b>EUT Received Status:</b> | Good                                   |

## 2.RF EXPOSURE EVALUATION (MPE)

### 2.1. RF Exposure Evaluation

#### 2.1.1 Applicable Standard

According to subpart 15.247(i), subpart §1.1310, systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

Limits for Maximum Permissible Exposure (MPE) (§1.1310, §2.1091)

| (B) Limits for General Population/Uncontrolled Exposure |                               |                               |                                     |                          |
|---------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------------|--------------------------|
| Frequency Range (MHz)                                   | Electric Field Strength (V/m) | Magnetic Field Strength (A/m) | Power Density (mW/cm <sup>2</sup> ) | Averaging Time (minutes) |
| 0.3–1.34                                                | 614                           | 1.63                          | *(100)                              | 30                       |
| 1.34–30                                                 | 824/f                         | 2.19/f                        | *(180/f <sup>2</sup> )              | 30                       |
| 30–300                                                  | 27.5                          | 0.073                         | 0.2                                 | 30                       |
| 300–1500                                                | /                             | /                             | f/1500                              | 30                       |
| 1500–100,000                                            | /                             | /                             | 1.0                                 | 30                       |

f = frequency in MHz; \* = Plane-wave equivalent power density;

According to §1.1310 and §2.1091 RF exposure is calculated.

#### 2.1.2 Calculation formula

Prediction of power density at the distance of the applicable MPE limit

$S = PG/4\pi R^2$  = power density (in appropriate units, e.g. mW/cm<sup>2</sup>);

P = power input to the antenna (in appropriate units, e.g., mW);

G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor, is normally numeric gain;

R = distance to the center of radiation of the antenna (appropriate units, e.g., cm);

For simultaneously transmit system, the calculated power density should comply with:

$$\sum_i \frac{S_i}{S_{Limit,i}} \leq 1$$

#### 2.1.3 Calculated Data:

| Operation Modes | Frequency (MHz) | Antenna Gain <sup>▲</sup> |           | Conducted output power including Tune-up Tolerance <sup>▲</sup> |        | Evaluation Distance (cm) | Power Density (mW/cm <sup>2</sup> ) | MPE Limit (mW/cm <sup>2</sup> ) |
|-----------------|-----------------|---------------------------|-----------|-----------------------------------------------------------------|--------|--------------------------|-------------------------------------|---------------------------------|
|                 |                 | (dBi)                     | (numeric) | (dBm)                                                           | (mW)   |                          |                                     |                                 |
| BLE             | 2402-2480       | 2.62                      | 1.83      | 4.0                                                             | 2.51   | 20.00                    | 0.001                               | 1.0                             |
| WiFi            | 2412-2462       | 2.62                      | 1.83      | 24.0                                                            | 251.19 | 20.00                    | 0.091                               | 1.0                             |

Note:

The Antenna Gain and Conducted output power including Tune-up Tolerance provided by manufacturer.

BLE and Wifi can't transmit simultaneously.

**Result:** The device meet FCC MPE at 20 cm distance

## **EXHIBIT A - EUT PHOTOGRAPHS**

---

Please refer to the attachment 2502U62701E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2502U62701E-RF-INP EUT INTERNAL PHOTOGRAPHS.

**\*\*\*\*\* END OF REPORT \*\*\*\*\***