

# TEST REPORT

**Applicant:** Anker Innovations Limited  
**Address:** Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18  
Harcourt Road, Hong Kong  
**Equipment Type:** Bottle Washer S1, Bottle Washer S1 Pro  
**Model Name:** T6010 (refer to section 2.3)  
**Brand Name:** eufy  
**FCC ID:** 2AOKB-T6010  
**Test Standard:** 47 CFR Part 2.1091  
KDB 447498 D04 v01  
**Sample Arrival Date** N/A  
**Test Date:** N/A  
**Date of Issue:** Jan. 22, 2026

**ISSUED BY:**

Shanghai Tejet Communications Technology Co., Ltd. Testing Center.



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### Revision History

| Version        | Issue Date           | Revisions Content    |
|----------------|----------------------|----------------------|
| <u>Rev. 01</u> | <u>Jan. 22, 2026</u> | <u>Initial Issue</u> |

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# 1 GENERAL INFORMATION

## 1.1 Test Laboratory

|         |                                                                                          |
|---------|------------------------------------------------------------------------------------------|
| Name    | Shanghai Tejet Communications Technology Co., Ltd. Testing Center                        |
| Address | 1-2/F., Building 1, No.222, Xuanlan Road, Xuanqiao, Pudong New District, Shanghai, China |

## 1.2 Test Location

|                           |                                                                                                                                                                                                                                                                                      |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name                      | Shanghai Tejet Communications Technology Co., Ltd. Testing Center                                                                                                                                                                                                                    |
| Location                  | 1-2/F., Building 1, No.222, Xuanlan Road, Xuanqiao, Pudong New District, Shanghai, China                                                                                                                                                                                             |
| Accreditation Certificate | The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1352. The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 29671. |

## 2 PRODUCT INFORMATION

### 2.1 Applicant Information

|           |                                                                            |
|-----------|----------------------------------------------------------------------------|
| Applicant | Anker Innovations Limited                                                  |
| Address   | Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong |

### 2.2 Manufacturer Information

|              |                                                                            |
|--------------|----------------------------------------------------------------------------|
| Manufacturer | Anker Innovations Limited                                                  |
| Address      | Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong |

### 2.3 General Description for Equipment under Test (EUT)

|                                           |                                                                                                                                                                                                          |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EUT Name                                  | Bottle Washer S1, Bottle Washer S1 Pro                                                                                                                                                                   |
| Model Name Under Test                     | T6010                                                                                                                                                                                                    |
| Series Model Name                         | T6600                                                                                                                                                                                                    |
| Description of Model name differentiation | All models are same with electrical parameters and internal circuit structure, but differ in model names and the model of T6600 does not have water filter. (this information provided by the applicant) |
| Hardware Version                          | 02                                                                                                                                                                                                       |
| Software Version                          | 1.5.4                                                                                                                                                                                                    |
| Dimensions (Approx.)                      | N/A                                                                                                                                                                                                      |
| Weight (Approx.)                          | N/A                                                                                                                                                                                                      |

## 2.4 Technical Information

|                                   |                                                                        |
|-----------------------------------|------------------------------------------------------------------------|
| Network and Wireless connectivity | BLE:1M<br>2.4G WIF1802.11b,802.11g,802.11n(HT20),802.11ax(HE20)<br>NFC |
|-----------------------------------|------------------------------------------------------------------------|

The requirement for the following technical information of the EUT was tested in this report:

|                   |                                          |                 |
|-------------------|------------------------------------------|-----------------|
| Operating Mode    | BLE, WIFI, NFC                           |                 |
| Frequency Range   | NFC                                      | 13.56 MHz       |
|                   | BLE                                      | 2402 ~ 2480 MHz |
|                   | 2.4GWIFI                                 | 2412 ~ 2462 MHz |
| Antenna Type      | NFC                                      | onboard antenna |
|                   | BLE                                      | FPC Antenna     |
|                   | WIFI                                     | FPC Antenna     |
| Exposure Category | General Population/Uncontrolled Exposure |                 |
| Product Type      | Mobile Device                            |                 |

### 3 SUMMARY OF TEST RESULT

#### 3.1 Test Standards

| No. | Identity           | Document Title                                               |
|-----|--------------------|--------------------------------------------------------------|
| 1   | 47 CFR Part 2.1091 | Radiofrequency radiation exposure evaluation: mobile devices |
| 2   | KDB 447498 D04 v01 | 447498 D04 Interim General RF Exposure Guidance v01          |

## 4 DEVICE CATEGORY AND LEVELS LIMITS

### Mobile Devices:

CFR Title 47 §2.1091(b)

For purposes of this section, a mobile device is defined as a transmitting device designed to be used in other than fixed locations and to generally be used in such a way that a separation distance of at least 20 centimeters is normally maintained between the transmitter's radiating structure(s) and the body of the user or nearby persons.

### FCC KDB 447498 D04 General RF Exposure Guidance v01 Limit

Evaluation of compliance with the exposure limits in § 1.1310 is necessary if the ERP of the device is greater than ERP<sub>20cm</sub> in Formula (B.1) [repeated from § 2.1091(c)(1) and § 1.1307(b)(1)(i)(B)].

$$P_{th} \text{ (mW)} = ERP_{20 \text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3 \text{ GHz} \leq f < 1.5 \text{ GHz} \\ 3060 & 1.5 \text{ GHz} \leq f \leq 6 \text{ GHz} \end{cases} \quad (\text{B.1})$$

If the ERP is not easily obtained, then the available maximum time-averaged power may be used (i. e., without consideration of ERP only if the physical dimensions of the radiating structure(s) do not exceed the electrical length of  $\lambda/4$  or if the antenna gain is less than that of a half-wave dipole.

SAR-based exemptions are constant at separation distances between 20 cm and 40 cm to avoid discontinuities in the threshold when transitioning between SAR-based and MPE-based exemption criteria at 40 cm, considering the importance of reflections.

The SAR-based exemption formula of § 1.1307(b)(3)(i)(B), repeated here as Formula (B.2), applies for single fixed, mobile, and portable RF sources with available maximum time-averaged power or effective radiated power (ERP), whichever is greater, of less than or equal to the threshold  $P_{th}$  (mW).

This method shall only be used at separation distances from 0.5 cm to 40 cm and at frequencies from 0.3 GHz to 6 GHz (inclusive).  $P_{th}$  is given by Formula (B.2).

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases} \quad (\text{B. 2})$$

where

$$x = -\log_{10} \left( \frac{60}{ERP_{20 \text{ cm}} \sqrt{f}} \right)$$

and  $f$  is in GHz,  $d$  is the separation distance (cm), and  $ERP_{20 \text{ cm}}$  is per Formula (B.1). The example values shown in Table B.2 are for illustration only.

Table B.2—Example Power Thresholds (mW)

| Frequency (MHz) | Distance (mm) |    |    |    |     |     |     |     |     |     |     |
|-----------------|---------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|
|                 |               | 5  | 10 | 15 | 20  | 25  | 30  | 35  | 40  | 45  | 50  |
| 300             |               | 39 | 65 | 88 | 110 | 129 | 148 | 166 | 184 | 201 | 217 |
| 450             |               | 22 | 44 | 67 | 89  | 112 | 135 | 158 | 180 | 203 | 226 |
| 835             |               | 9  | 25 | 44 | 66  | 90  | 116 | 145 | 175 | 207 | 240 |
| 1900            |               | 3  | 12 | 26 | 44  | 66  | 92  | 122 | 157 | 195 | 236 |
| 2450            |               | 3  | 10 | 22 | 38  | 59  | 83  | 111 | 143 | 179 | 219 |
| 3600            |               | 2  | 8  | 18 | 32  | 49  | 71  | 96  | 125 | 158 | 195 |
| 5800            |               | 1  | 6  | 14 | 25  | 40  | 58  | 80  | 106 | 136 | 169 |

According with FCC KDB 447498 D04, Appendix A, Per § 1.1307(b)(3)(i)(A), a single RF source is exempt RF device (from the requirement to show data demonstrating compliance to RF exposure limits, as previously mentioned) if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance.

This exemption applies to all operating configurations and exposure conditions, for the frequency range 100 kHz to 100 GHz, regardless of fixed, mobile, or portable device exposure conditions. This is a standalone exemption, and it cannot be applied in conjunction with any other test exemption.

When maximum available power each individual transmitting antenna within the same time averaging period is  $\leq 1$  mW, and the nearest parts of the antenna structures of the simultaneously operating transmitters are separated by at least 2 cm.

When the aggregate maximum available power of all transmitting antennas is  $\leq 1$  mW in the same time-averaging period.

## 5 ASSESSMENT RESULT

### 5.1 Output Power

| BLE                                                                                                                                  |            |
|--------------------------------------------------------------------------------------------------------------------------------------|------------|
| Mode                                                                                                                                 | BLE(1Mbps) |
| Conducted Power (dBm)                                                                                                                | 4.88       |
| Antenna Gain (dBi)                                                                                                                   | 2.95       |
| EIRP (dBm)                                                                                                                           | 7.83       |
| Note: This report listed the worst case conducted power value, please refer to RF test report No. BL-SZ25B0761-601 for more details. |            |

| 2.4G WIFI                                                                                                                            |         |         |              |               |
|--------------------------------------------------------------------------------------------------------------------------------------|---------|---------|--------------|---------------|
| Mode                                                                                                                                 | 802.11b | 802.11g | 802.11n-HT20 | 802.11ax-HE20 |
| Conducted Power (dBm)                                                                                                                | 20.86   | 21.59   | 21.92        | 23.03         |
| Antenna Gain (dBi)                                                                                                                   | 2.95    | 2.95    | 2.95         | 2.95          |
| EIRP (dBm)                                                                                                                           | 23.81   | 24.54   | 24.87        | 25.98         |
| Note: This report listed the worst case conducted power value, please refer to RF test report No. BL-SZ25B0761-602 for more details. |         |         |              |               |

| NFC                                                                                                                |                             |            |           |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------|------------|-----------|
| Mode                                                                                                               | Calculation Frequency (MHz) | E (dBμV/m) | ERP (dBm) |
| ASK                                                                                                                | 13.56                       | 76.49      | -12.77    |
| Note: This report listed the worst case ERP, please refer to RF test report No. BL-SZ25B0761-402 for more details. |                             |            |           |

## 5.2 Tune-up power

| Mode                                                                                                                          | Conducted Power Range (dBm) | EIRP Range (dBm) | ERP Range (dBm)  |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------|------------------|
| BLE                                                                                                                           | 【4.00,6.00】                 | 【6.95,8.95】      | 【4.80,6.80】      |
| 2.4G WIFI                                                                                                                     | 【22.00,24.00】               | 【24.95,26.95】    | 【22.80,24.80】    |
| NFC                                                                                                                           | /                           | /                | 【-13.50, -11.50】 |
| Note1: ERP= EIRP -2.15dB.                                                                                                     |                             |                  |                  |
| Note2: According KDB 447498 D04, used the greater of maximum conducted power and ERP to compare with the threshold value Pth. |                             |                  |                  |

## 5.3 RF Exposure Evaluation Result

| Evolution mode | f(MHz) | Distance (cm) | Maximum power (dBm) | Threshold Power (mW) | Plimit(mW) | P/Plimit | Verdict |
|----------------|--------|---------------|---------------------|----------------------|------------|----------|---------|
| BLE            | 2402   | 20            | 6.80                | 4.79                 | 3060.00    | 0.0016   | Pass    |
| 2.4G WIFI      | 2412   | 20            | 24.80               | 302.00               | 3060.00    | 0.0987   | Pass    |

| Mode                                                                                                | Calculation Frequency (MHz) | Tune-up limit power (dBm) | Tune-up limit power (mW) | Threshold | P/Plimit | Verdict |
|-----------------------------------------------------------------------------------------------------|-----------------------------|---------------------------|--------------------------|-----------|----------|---------|
|                                                                                                     |                             |                           |                          | Value(mW) |          |         |
| ASK                                                                                                 | 13.56                       | -11.50                    | 0.07080                  | 1         | 0.0708   | Pass    |
| Note: The available maximum time-averaged power is no more than 1 mW, a single RF source is exempt. |                             |                           |                          |           |          |         |

## 5.4 Collocated Power Calculation

| Evolution mode | Frequency(MHz)      | Exposure Ratio | TER    | Verdict |
|----------------|---------------------|----------------|--------|---------|
| BLE            | 2402 MHz ~ 2480 MHz | 0.0016         | 0.1711 | Pass    |
| 2.4G WIFI      | 2412 MHz ~ 2462 MHz | 0.0987         |        |         |
| NFC            | 13.5MHz             | 0.0708         |        |         |

| Evolution mode | Frequency(MHz)      | Exposure Ratio | TER    | Verdict |
|----------------|---------------------|----------------|--------|---------|
| 2.4G WIFI      | 2412 MHz ~ 2462 MHz | 0.0987         | 0.1695 | Pass    |
| NFC            | 13.5MHz             | 0.0708         |        |         |

Note:

1.  $\Sigma(\text{Power} / \text{Limit})$ : This is a summation of [(power for each transmitter/ antenna included in the simultaneous transmission)/ (corresponding Power limit)], for BLE + 2.4G WIFI +NFC and 2.4G WIFI +NFC.
2. Both of the Bluetooth+ 2.4G WIFI +NFC and 2.4G WIFI +NFC can transmit simultaneously, the formula of calculated the Power is  

$$\text{CP1} / \text{LP1} + \text{CP2} / \text{LP2} + \dots \text{etc.} < 1$$

CP = Calculation power  
LP = Limit of power
3. The worst-case situation is 0.1711, which is less than “1”. This confirmed that the device comply with FCC KDB 447498 D04 Power limit.
4. More power list please refer to RF test report.

## 5.5 Conclusion

This EUT is deemed to comply with the reference level limits, therefore the basic restrictions are compliant with human exposure limits.

## Statement

1. The Testing Center guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. For the report with Accreditation Symbol, the items marked with "☆" are not within the accredited scope.
3. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the test report stamp.
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6. Any objection shall be raised to the Testing Center within 30 days after receiving the report.

--END OF REPORT--