

# RF Exposure Evaluation Report

**Product** : Trail Camera  
**Trade mark** : Browning  
**Model/Type reference** : BTC-PSMHD-DVE  
**Serial Number** : N/A  
**Report Number** : EED32S80190302  
**FCC ID** : 2ALGTBTC-PSMHD-DVE  
**Date of Issue** : Feb. 09, 2026  
**Test Standards** : 47 CFR Part 1.1307  
47 CFR Part 1.1310  
47 CFR Part 2.1091  
KDB 447498 D04 Interim General RF  
Exposure Guidance v01  
**Test result** : PASS

Prepared for:

**Prometheus Group LLC**  
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Prepared by:

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Feb. 09, 2026

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## 2 General Information

### 2.1 Client Information

|                          |                                                                                |
|--------------------------|--------------------------------------------------------------------------------|
| Applicant:               | Prometheus Group LLC                                                           |
| Address of Applicant:    | 2 Perimeter Park South, suite 305 East, Birmingham, AL 35243 USA               |
| Manufacturer:            | Hooray Innovation Limited                                                      |
| Address of Manufacturer: | Flat 1, 4/F, Wah Wai Centre, 38-42 Au Pui Wan Street, Fotan, Shatin, Hong Kong |
| Factory:                 | Hooray Innovation Limited                                                      |
| Address of Factory:      | Flat 1, 4/F, Wah Wai Centre, 38-42 Au Pui Wan Street, Fotan, Shatin, Hong Kong |

### 2.2 General Description of EUT

|               |               |
|---------------|---------------|
| Product Name: | Trail Camera  |
| Model No.:    | BTC-PSMHD-DVE |
| Trade Mark:   | Browning      |

### 2.3 Product Specification subjective to this standard

|                       |                                                                                                                                                                                                                                                                                                                                                             |                                                                            |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Frequency Range:      | LTE Cat 1bits:<br>FDD band 2:UL:1850-1910MHz,DL:1930-1990MHz;<br>FDD band 4:UL:1710-1755MHz,DL:2110-2155MHz;<br>FDD band 5:UL:824 - 849 MHz,DL: 869 - 894MHz;<br>FDD band 12:UL:699-716MHz,DL:729-746MHz;<br>FDD band 13:UL:777-787MHz,DL:746-756MHz;<br>FDD band 25:UL:1850-1915MHz,DL:1930-1995 MHz;<br>FDD band 66:UL:1710 - 1780 MHz,DL:2110 - 2200MHz; |                                                                            |
| Modulation Type:      | QPSK,16QAM,64QAM                                                                                                                                                                                                                                                                                                                                            |                                                                            |
| Test Power Grade:     | Default                                                                                                                                                                                                                                                                                                                                                     |                                                                            |
| Antenna Type:         | External Antenna                                                                                                                                                                                                                                                                                                                                            |                                                                            |
| Antenna Gain:         | Band 2: 2.2dBi;<br>Band 4: 2.2dBi;<br>Band 5: 6.1dBi;<br>Band 12: 6.1dBi;<br>Band 13: 6.1dBi;<br>Band 25: 2.2dBi;<br>Band 66: 2.2dBi;                                                                                                                                                                                                                       |                                                                            |
| Power Supply:         | Adapter:                                                                                                                                                                                                                                                                                                                                                    | Model:HKC03612030-1C<br>Input:100-240V~50/60Hz, 0.8A<br>Output:12.0V, 3.0A |
|                       | Battery:                                                                                                                                                                                                                                                                                                                                                    | 8*1.2V AA                                                                  |
| Sample Received Date: | Jan. 23, 2026                                                                                                                                                                                                                                                                                                                                               |                                                                            |
| Sample tested Date:   | Jan. 23, 2026 to Jan. 29, 2026                                                                                                                                                                                                                                                                                                                              |                                                                            |

The product is equipped with an LTE Cat 1bits module that has completed FCC ID certification, and its FCC ID number is FCC ID:2AAGMGC02SA. Therefore, the report simply retested the Field strength of spurious radiation and recorded the worst test data. And the other test data refer to the report No. 4791792510.2-5-RF-1.

## 2.4 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Hongwei Industrial Park, Zone 70, Bao'an District, Shenzhen, Guangdong, China

Telephone: +86 (0) 755 33683668 Fax: +86 (0) 755 33683385

No tests were sub-contracted.

FCC Designation No.: CN1164, Test Firm Registration No.: 260439

## 2.5 Deviation from Standards

None.

## 2.6 Abnormalities from Standard Conditions

None.

## 2.7 Other Information Requested by the Customer

None.

### 3 SAR Evaluation

#### 3.1 RF Exposure Compliance Requirement

##### 3.1.1 Limits

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 Pth (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). Pth is given by Formula

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

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 ERP20cm is per Formula (B.1).

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

The 1 mW Blanket Exemption of § 1.1307(b)(3)(i)(A) applies for single fixed, mobile, and portable RF sources with available maximum time-averaged power of no more than 1 mW, regardless of separation distance.

##### 3.1.2 Test Procedure

Software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel individually.

### 3.1.3 EUT RF Exposure Evaluation

For Stand alone:

| Band    | Freq.<br>(MHz) | Estimation<br>distance<br>(cm) | Max. Conducted<br>Output power<br>(dBm) | Antenna<br>Gain<br>(dBi) | ERP<br>(dBm) | ERP<br>(mW) | Limit<br>(mW) | MPE<br>ratio | Result |
|---------|----------------|--------------------------------|-----------------------------------------|--------------------------|--------------|-------------|---------------|--------------|--------|
| Band 12 | 699            | 20                             | 25                                      | 2.2                      | 25.05        | 319.89      | 1425.96       | 0.2243       | Pass   |

**Note:**

- ① EIRP=conducted power+antenna gain;
- ②  $ERP=EIRP-2.15$ ;
- ③  $EIRP(dBm) = \text{Field strength of the fundamental signal}(dBuV/m@3m) - 95.23$ ;
- ④  $ERP(mW) = 10^{(ERP(dBm)/10)}$ ;
- ⑤ The estimation distance is 20cm;
- ⑥ The Average conducted power(dBm) refer to LTE Cat 1bits module report of 4791792510.2-5-RF-5, and its FCC ID number is FCC ID:2AAGMGC02SA. Only the worst case was recorded in the report.

## Statement

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule stated in ILAC-G8:09/2019/CNAS-GL015:2022;
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\*\*\* End of Report \*\*\*