中认信通
CHINA CERTIFICATION ICT CO., LTD (DONGGUAN)

ACCREDITED
TESTING LABORATORY
CERTIFICATE # 6356.01

RF EXPOSURE

EVALUATION REPORT

Applicant: **PROMETHEUS GROUP LLC**

Address: 2 Perimeter Park S, suite 305E, BIRMINGHAM,ALABAMA 35243 USA

FCC ID: **2ALGTBTC-VPHD**

Product Name: **HUNTING CAMERA**

Standard(s): **47 CFR §1.1307**

The above device has been tested and found compliant with the requirement of the relative standards by China Certification ICT Co., Ltd (Dongguan)

Report Number: **CR230851060-00B**

Date Of Issue: **2023/11/10**

Reviewed By: **Calvin Chen**

Title: RF Engineer

Reviewed By: **Sun Zhong**

Title: Manager

Test Laboratory: **China Certification ICT Co., Ltd (Dongguan)**
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Test Facility

The Test site used by China Certification ICT Co., Ltd (Dongguan) to collect test data is located on the No. 113, Pingkang Road, Dalang Town, Dongguan, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 442868, the FCC Designation No. : CN1314.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0123.

Declarations

China Certification ICT Co., Ltd (Dongguan) is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with a triangle symbol "▲". Customer model name, addresses, names, trademarks etc. are not considered data.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	CR230851060-00B	Original Report	2023/11/10

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

General:

EUT Name:	HUNTING CAMERA
Trade:	BROWNING
EUT Model:	BTC-VPHD
Multiple Model:	/
Operation Bands and modes:	LTE Cat M1: Band 2/4/5/12/13/25/26/66/85
Modulation Type:	QPSK, 16QAM
Rated Input Voltage:	AA 1.5V batteries x 8pcs or DC 12V from DC Jack
Serial Number:	2AQ1-8
EUT Received Date:	2023/8/15
EUT Received Status:	Good

2. RF EXPOSURE EVALUATION

2.1 Applicable Standard

According to §1.1307(b)(3)(i)

(C) Or using Table 1 and the minimum separation distance (R in meters) from the body of a nearby person for the frequency (f in MHz) at which the source operates, the ERP (watts) is no more than the calculated value prescribed for that frequency. For the exemption in Table 1 to apply, R must be at least $\lambda/2\pi$, where λ is the free-space operating wavelength in meters. If the ERP of a single RF source is not easily obtained, then the available maximum time-averaged power may be used in lieu of ERP 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 (1.64 linear value).

Table 1 to § 1.1307(b)(3)(i)(C) - Single RF Sources Subject to Routine Environmental Evaluation

RF Source frequency (MHz)	Threshold ERP (watts)
0.3-1.34	1,920 R^2.
1.34-30	3,450 R^2/f^2.
30-300	3.83 R^2.
300-1,500	0.0128 R^2f.
1,500-100,000	19.2R^2.

2.2 Measurement Result For worst case:

For worst case:

Mode	Frequency Range (MHz)	Tune-Up Conducted Average Output Power (dBm)	Antenna Gain		ERP		Evaluation Distance (cm)	MPE-Based Exemption (mW)
			(dBi)	(dBd)	(dBm)	(mW)		
LTE B2	1850-1910	23.0	3.89	1.74	24.74	297.85	20	768
LTE B4	1710-1755	22.5	2.59	0.44	22.94	196.79	20	768
LTE B5	824-849	23.0	2.29	0.14	23.14	206.06	20	421.9
LTE B12	699-716	22.0	4.04	1.89	23.89	244.91	20	357.9
LTE B13	777-787	22.0	3.59	1.44	23.44	220.80	20	397.8
LTE B25	1850-1915	22.5	3.89	1.74	24.24	265.46	20	768
LTE B26 (Part 90S)	814-824	23.0	2.29	0.14	23.14	206.06	20	416.8
LTE B26 (Part 22H)	824-849	23.0	2.29	0.14	23.14	206.06	20	421.9
LTE B66	1710-1780	23.0	2.83	0.68	23.68	233.35	20	768
LTE B85	698-716	22.5	4.04	1.89	24.39	274.79	20	357.4

Note 1: Tune-Up power was declared by applicant.
Note 2: 0dBd=2.15dBi

To maintain compliance with the FCC's RF exposure guidelines, place the equipment at least 20cm from nearby persons.

===== END OF REPORT =====