



TEST REPORT

Applicant Name : Prometheus Group LLC
Address : 2 Perimeter Park South. Suite 305E BIRMINGHAM ALABAMA
35243 USA.
Report Number : 2504Y00958E-RF
FCC ID: 2ALGTBTC-VPHD-LSF

Test Standard (s)

47 CFR §1.1307
KDB 447498 D04 Interim General RF Exposure Guidance v01

Sample Description

Product Type: HUNTING CAMERA
Model No.: BTC-VPHD-LSF
Trade Mark: BROWNING
Date Received: 2025-10-11
Report Date: 2025-12-03

Test Result:	The EUT complied with the standards above.
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Prepared and Checked By:

Roger Ling

Roger.Ling
EMC Engineer

Approved By:

Bob Liao

Bob Liao
EMC Engineer

Note: This report must not be used by the customer to claim product certification, approval, or endorsement by A2LA, or any agency of the Federal Government. 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. Customer model name, addresses, names, trademarks etc. are included but no need marked.
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Shenzhen Accurate Technology Co., Ltd.

Floor 1, KuMaKe Building, Dongzhou Community, Guangming Street, Guangming District, Shenzhen, Guangdong, China.

Tel: +86 755-26503290

Web: www.atc-lab.com

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
Rev.00	2504Y00958E-RF	Original Report	2025-12-03

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product	HUNTING CAMERA		
Tested Model	BTC-VPHD-LSF		
Voltage Range [#]	DC 12V from battery (1.5V*8) or adapter		
Radio	LTE Cat 1		
Frequency Range	LTE Band 2: 1850-1910MHz(TX); 1930-1990MHz(RX) LTE Band 4: 1710-1755MHz(TX); 2110-2155MHz(RX) LTE Band 5: 824-849MHz(TX); 869-894MHz(RX) LTE Band 12: 699-716MHz(TX); 729-746MHz(RX) LTE Band 13: 777-787MHz(TX); 746-756MHz(RX) LTE Band 66: 1710-1780MHz(TX); 2110-2200MHz(RX)		
Modulation Technique	QPSK, 16QAM		
Maximum Average Conducted Output Power	LTE B2: 22.64dBm		LTE B4: 23.43dBm
	LTE B5: 23.25dBm		LTE B12: 23.80dBm
	LTE B13: 21.81dBm		LTE B66: 23.06dBm
Antenna Specification [#]	External Antenna (Antenna Gain is provided by the applicant.)		
	LTE B2: 3.89dBi	LTE B4: 2.59dBi	LTE B5: 2.29dBi
	LTE B12: 4.04dBi	LTE B13: 3.59dBi	LTE B66: 2.83dBi
Sample Serial Number	3B41-2 (Assigned by ATC, Shenzhen)		
Sample/EUT Status	Good condition		

Objective

This test report is in accordance with Part 1-Subpart I and Part 2-Subpart J, Radiofrequency Radiation Exposure of the Federal Communication Commission rules.

The tests were performed in order to determine compliance with FCC §1.1307 & KDB 447498 D04 Interim General RF Exposure Guidance v01.

Test Facility

The test site used by Shenzhen Accurate Technology Co., Ltd. to collect test data is located on the Floor 1, KuMaKe Building, Dongzhou Community, Guangming Street, Guangming District, Shenzhen, Guangdong, China.

Accredited by American Association for Laboratory Accreditation (A2LA).The Certificate Number is 4297.01.

RF EXPOSURE

Applicable Standard

According to KDB 447498 D04 Interim General RF Exposure Guidance v01, clause 2.1.4 –MPE-Based Exemption:

An alternative to the SAR-based exemption is provided in § 1.1307(b)(3)(i)(C), for a much wider frequency range, from 300 kHz to 100 GHz, applicable for separation distances greater or equal to $\lambda/2\pi$, where λ is the free-space operating wavelength in meters. The MPE-based test exemption condition is in terms of ERP, defined as the product of the maximum antenna gain and the delivered maximum time-averaged power. For this case, a RF source is an RF exempt device if its ERP (watts) is no more than a frequency-dependent value, as detailed tabular form in Appendix B. These limits have been derived based on the basic specifications on Maximum Permissible Exposure (MPE) considered for the FCC rules in § 1.1310(e)(1).

Table 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	$0.0128 R^2 f$.
1,500-100,000	$19.2 R^2$.

f = frequency in MHz;
R = minimum separation distance from the body of a nearby person (appropriate units, e.g., m);

Test result

For worst case:

Mode	Frequency Range (MHz)	Maximum Conducted Output Power (dBm)	Tune-Up Conducted Output Power [#] (dBm)	Cable Loss (dB)	Antenna Gain [#]		ERP		Evaluation Distance (cm)	MPE-Based Exemption (mW)
					(dBi)	(dBd)	(dBm)	(mW)		
LTE B2	1850-1910	22.64	23.1	0.5	3.89	1.74	24.34	271.64	25	1200
LTE B4	1710-1755	23.43	24.0	0.5	2.59	0.44	23.94	247.74	25	1200
LTE B5	824-849	23.25	23.8	0.2	2.29	0.14	23.74	236.59	25	659.2
LTE B12	699-716	23.80	24.0	0.2	4.04	1.89	25.69	370.68	25	559.2
LTE B13	777-787	21.81	22.3	0.2	3.59	1.44	23.54	225.94	25	621.6
LTE B66	1710-1780	23.06	23.5	0.5	2.83	0.68	23.68	233.35	25	1200

Note 1: The maximum conducted output power and cable loss refer to RF test report(2504Y00958E-RF-00A).

Note 2: The tune-up power and antenna gain are declared by the applicant.

Note 3: ERP = Tune-up power (dBm) + Antenna Gain(dBd) - Cable Loss(dB)

Note 4: 0dBd=2.15dBi.

To maintain compliance with the FCC's RF exposure guidelines, place the equipment at least 25cm from nearby persons.

Result: Compliance.

EXHIBIT A-EUT PHOTOGRAPHS

Please refer to the Attachment No.1 2504Y00958E-RF EUT External Photos and Attachment No.2 2504Y00958E-RF EUT Internal Photos.

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