



BUREAU
VERITAS

Test Report No.: FS151022N049



RF EXPOSURE REPORT

Applicant	Battenfeld Acquisition Company Inc. & Subsidiary
Address	2501 LeMone Industrial Blvd. Columbia MO. 65201, USA

Manufacturer or Supplier	Maihai Technology Development Co., Ltd.
Address	No. 8, JinYu First Street, KangHu Street, TangXia Town, DongGuan City, 523716, GuangDong Province, China
Product	Ballistic Precision LR Target Camera System
Brand Name	N/A
Model	156726
Additional Model & Model Difference	N/A
Date of tests	Dec. 02, 2015 ~ Dec. 15, 2015

- ☒ FCC Part 2 (Section 2.1091)
- ☒ KDB 447498 D01
- ☒ IEEE C95.1

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Tested by Blue Zheng Project Engineer / EMC Department	Approved by Chris Chen Assistant Manager / EMC Department
	 Date: Dec. 15, 2015

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FS151022N049	Original release	Dec. 15, 2015

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1. CERTIFICATION

PRODUCT: Ballistic Precision LR Target Camera System

BRAND NAME: N/A

MODEL NO.: 156726

ADDITIONAL MODEL: N/A

FCC ID: 2AF3W-156726

TEST SAMPLE: ENGINEERING SAMPLE

APPLICANT: Battenfeld Acquisition Company Inc. & Subsidiary

STANDARDS: FCC Part 2 (Section 2.1091)
KDB 447498 D01
IEEE C95.1



2. RF EXPOSURE LIMIT

LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

FREQUENCY RANGE (MHz)	ELECTRIC FIELD STRENGTH (V/m)	MAGNETIC FIELD STRENGTH (A/m)	POWER DENSITY (mW/cm ²)	AVERAGE TIME (minutes)
LIMITS FOR GENERAL POPULATION / UNCONTROLLED EXPOSURE				
300-1500	F/1500	30
1500-100,000	1.0	30

F = Frequency in MHz

3. MPE CALCULATION FORMULA

$$P_d = (P_{out} * G) / (4 * \pi * r^2)$$

where

P_d = power density in mW/cm²

P_{out} = output power to antenna in mW

G = gain of antenna in linear scale

π = 3.1416

R = distance between observation point and center of the radiator in cm

4. CLASSIFICATION

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user. So, this device is classified as **Mobile Device**.



5. ANTENNA GAIN

The antennas provided to the EUT, please refer to the following table:

Transmitter Circuit	Peak Gain (dBi)	Antenna Type
Chain 0	12	PCB Antenna

6. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

FREQUENCY BAND (MHz)	MAX POWER (mW)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm ²)	LIMIT (mW/cm ²)
2412-2462 2422-2452	56.105	12.0	20	0.17690052	1.0

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