



BUREAU VERITAS

Test Report No.: FS160701N065



RF EXPOSURE REPORT

Applicant	Guangdong Meijixin Innovative Technology Co., Ltd
Address	Xingye South Road, Laimei Industrial Park, Chenghai, Shantou, Guangdong, China

Manufacturer or Supplier	Guangdong Meijixin Innovative Technology Co., Ltd
Address	Xingye South Road, Laimei Industrial Park, Chenghai, Shantou, Guangdong, China
Product	FPV HD CAMERA
Brand Name	
Model	C4015
Additional Model & Model Difference	C4016, C4018, C4019, C4020, C4021, C4022, C4023, C4025, C4026, C4028, C4029, C4030, See item 1
Date of tests	Jul. 16, 2016 ~ Aug. 25, 2016

- 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 Breeze Jiang Project Engineer / EMC Department	Approved by Glyn He Supervisor / EMC Department
	
	Date: Sep. 01, 2016

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FS160701N065	Original release	Sep. 01, 2016


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1. CERTIFICATION

FCC ID:	2AHV3C4015
PRODUCT:	FPV HD CAMERA
BRAND NAME:	
MODEL NO.:	C4015
ADDITIONAL NO.:	C4016, C4018, C4019, C4020, C4021, C4022, C4023, C4025, C4026, C4028, C4029, C4030
TEST SAMPLE:	Engineering Sample
APPLICANT:	Guangdong Meijiaxin Innovative Technology Co., Ltd
STANDARDS:	FCC Part 2 (Section 2.1091)
	KDB 447498 D01
	IEEE C95.1

NOTE:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2. Please refer to the EUT photo document (Reference No.: 160701N065) for detailed product photo.
3. Additional models are identical with the test model C4015 except the model no. for trading purpose.



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

$$Pd = (Pout * G) / (4 * pi * r^2)$$

where

Pd = power density in mW/cm²

Pout = output power to antenna in mW

G = gain of antenna in linear scale

Pi = 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	2.0	Wire 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)
2402-2480	69.02398	2.0	20	0.02177	1.0

--- END ---