



TEST REPORT

Application No.: BTEK231024007AE
Applicant: Shenzhen Haijixing Technology Co., Ltd
Address of Applicant: 2/F, No. 97 of Tianwan Road, Tianliao Community, Guangming New District, Shenzhen, China
Manufacturer: Shenzhen Haijixing Technology Co., Ltd
Address of Manufacturer: 2/F, No. 97 of Tianwan Road, Tianliao Community, Guangming New District, Shenzhen, China
Factory: Shenzhen Haijixing Technology Co., Ltd
Address of Factory: 2/F, No. 97 of Tianwan Road, Tianliao Community, Guangming New District, Shenzhen, China
Equipment Under Test (EUT):
EUT Name: Waterproof Camera
Model No.: FS02
Trade Mark: NA
Standard(s) : 47 CFR Part 2 Subpart J Section 2.1093
Date of Receipt: 2023-10-24
Date of Test: 2023-10-24 to 2023-11-14
Date of Issue: 2023-11-14

Test Result:	Pass*
---------------------	--------------

* In the configuration tested, the EUT complied with the standards specified above.

Damon Su
EMC Laboratory Manager



Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2023-11-14		Original

Authorized for issue by			
			
		Carl Yang /Project Engineer	
			
		Keven Tan /Reviewer	



2 Contents

	Page
1 Cover Page	1
2 Contents	3
3 General Information.....	4
3.1 Details of E.U.T.	4
3.2 Description of Support Units	4
3.3 Test Location.....	5
3.4 Deviation from Standards.....	5
3.5 Abnormalities from Standard Conditions	5
4 Test Requirement	6
1.1 Assessment Result	6



3 General Information

3.1 Details of E.U.T.

Power supply:	DC 3.7V 1200mAh by Lithium-Ion Battery and recharged by usb port.
Cable(s):	/
Frequency Range:	802.11b/g/n(HT20): 2412MHz to 2462MHz
Modulation Type:	802.11b: DSSS (CCK, DQPSK, DBPSK) 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK) 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM)
Number of Channels:	802.11b/g, 802.11n HT20: 11 Channels
Channel Spacing:	5MHz
Antenna Type:	PCB Antenna
Antenna Gain:	1.9dBi
Remark: The information in this section is provided by the applicant or manufacturer, BANTEK is not liable to the accuracy, suitability, reliability or/and integrity of the information.	

3.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
--	--	--	--
The EUT has been tested as an independent unit.			



3.3 Test Location

All tests were performed at:

Shenzhen BANTEK Testing Co., Ltd.,

A5&A6, Building B1&B2, No.45 Gangtou Road, Bogang Community, Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518103

Tel:0755-2334 4200

Fax: 0755-2334 4200

FCC Registration Number: 264293

Designation Number: CN1356

No tests were sub-contracted.

3.4 Deviation from Standards

None

3.5 Abnormalities from Standard Conditions

None



4 Test Requirement

KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(a)

$$\left[\frac{(\text{max. power of channel, including tune-up tolerance, mW})}{(\text{min. test separation distance, mm})} \cdot \sqrt{f(\text{GHz})} \right] \leq 3.0$$

Where

-f(GHz) is the RF channel transmit frequency in GHz

-Power and distance are rounded to the nearest mW and mm before calculation

-The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

1.1 Assessment Result

☒ Passed ☐ Not Applicable

Type	Frequency (MHz)	Conducted Power (dBm)	Maximum Tune-up (dBm)	Calculating data	Limit	Result
2.4G WIFI	2437	8.59	9	2.48	3.0	Pass

Note: The exposure evaluation safety distance is 5mm.

- End of the Report -

