



TEST REPORT

Application No.: BTEK231024005AE
Applicant: Shenzhen Haijixing Technology Co., Ltd
Address of Applicant: No. 97 Tianwan Road, Tianliao Community, Guangming New District, Shenzhen
Manufacturer: Shenzhen Haijixing Technology Co., Ltd
Address of Manufacturer: No. 97 Tianwan Road, Tianliao Community, Guangming New District, Shenzhen
Factory: Shenzhen Haijixing Technology Co., Ltd
Address of Factory: No. 97 Tianwan Road, Tianliao Community, Guangming New District, Shenzhen
Equipment Under Test (EUT):
EUT Name: Digital Video
Model No.: NPX-108
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 2023-11-15
Date of Issue: 2023-11-15

Test Result:	Pass*
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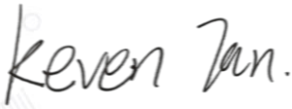
* In the configuration tested, the EUT complied with the standards specified above.



Damon Su
EMC Laboratory Manager



Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2023-11-15		Original

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



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3 General Information

3.1 Details of E.U.T.

Power supply: Input: DC 5V1A
Rechargeable Lithium-Ion Battery
Rated voltage:DC 3.7V
Rated Capacity: 4500 mAh
Charge voltage:DC 4.2V

Cable(s): /

Frequency Range: 802.11b/g/n(HT20): 2412MHz to 2462MHz
802.11b: DSSS (CCK, DQPSK, DBPSK)

Modulation Type: 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK)
802.11nHT20: OFDM (BPSK, QPSK, 16QAM, 64QAM)

Number of Channels: 802.11b/g, 802.11n HT20: 11 Channels

Antenna Type: PCB Antenna

Antenna Gain: -0.58dBi

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.
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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 518104

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	5.96	6	1.24	3.0	Pass

Note: The exposure evaluation safety distance is 5mm.

- End of the Report -

