



TEST REPORT

Application No.: BTEK230923004AE
Applicant: Camojojo, INC.
Address of Applicant: 3311 S RAINBOW STE 105, Las Vegas, NV, 89146, USA
Manufacturer: Camojojo, INC.
Address of Manufacturer: 3311 S RAINBOW STE 105, Las Vegas, NV, 89146, USA
Factory: SY Electronic Technical Co.,Ltd.
Address of Factory: 5th floor, 4th Bldg, Antongda Industrial Park, 1 Liuxian 3rd Rd, Baoan Dist., Shenzhen, China

Equipment Under Test (EUT):

EUT Name: Bird Feeder Camera

Model No.: hibird

Trade Mark: 

Standard(s) : 47 CFR Part 2 Subpart J Section 2.1091

Date of Receipt: 2023-10-31

Date of Test: 2023-10-31 to 2023-12-18

Date of Issue: 2023-12-18

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		2023-12-18		Original

Authorized for issue by			
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		Elma Yang/ Project Engineer	
		<i>Carl. Yang</i>	
		Carl Yang /Reviewer	



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General Information

3.1 Details of E.U.T.

Power supply:	DC 5V 2A from adapter; DC 3.7V(10000mAh) from Battery
For 2.4G WIFI	
Cable(s):	N/A
Operation Frequency:	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(HT20): OFDM (BPSK, QPSK, 16QAM, 64QAM)
Channel Numbers:	802.11b/g, 802.11n HT20: 11 Channels
Channel Spacing:	5MHz
Antenna Type:	External Antenna
Antenna Gain:	5 dBi
Hardware Version:	NA
Software and Firmware Version:	NA
For 5G WIFI	
Operation Frequency/Number of channels (20MHz):	U-NII-1:5180-5240MHz (4 Channels) U-NII-2A: 5260-5320MHz (4 Channels) U-NII-2C: 5500-5700MHz(11 Channels) U-NII-3: 5745-5825MHz (5 Channels)
Modulation Type:	802.11a: OFDM (BPSK, QPSK, 16QAM, 64QAM) 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM) 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)
Channel Spacing:	802.11a/n(HT20)/ac(VHT20): 20MHz
DFS Function:	Client
TPC Function:	No Support TPC function
Antenna Type:	External Antenna
Antenna Gain:	5 dBi
Hardware Version:	NA
Software and Firmware Version:	NA
Sample No.:	BTEK230923005AE-01
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.	

Note:

E.U.T./EUT means Equipment Under Test.

Pass means the test result passed the test standard requirement, please find the detailed decision rule in the report relative section.



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 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

The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in 1.1307(b), Limits for Maximum Permissible Exposure (MPE),

Frequency range (MHz)	Electric field strength(V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3–3.0	614	1.63	*(100)	6
3.0–30	1842/f	4.89/f	*(900/f ²)	6
30–300	61.4	0.163	1.0	6
300–1500	-	-	f/300	6
1500–100,000	-	-	5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3–1.34	614	1.63	*(100)	30
1.34–30	824/f	2.19/f	*(180/f ²)	30
30–300	27.5	0.073	0.2	30
300–1500	-	-	f/1500	30
1500–100,000	-	-	1.0	30

Note: f = frequency in MHz

EVALUATION METHOD

Transmission 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;

P_i = 3.1416, R = distance between observation point and center of the radiator in cm

4.1Assessment Result

☒ Passed ☐ Not Applicable

Frequency (MHz)	Type	Conducted Power (dBm)	Maximum Tune-up (dBm)	Power Density (mW/cm ²)	Limit (mW/cm ²)	Result
2437	2.4G-Wi-Fi	24.16	25	0.1989	1.0000	Pass
5240	U-NII Band 1	10.58	11	0.0079	1.0000	Pass
5260	U-NII Band 2A	11.11	12	0.0100	1.0000	Pass
5700	U-NII Band 2C	12.13	13	0.0126	1.0000	Pass
5785	U-NII Band 3	12.02	13	0.0126	1.0000	Pass

Note: The exposure evaluation safety distance is 20cm.

End of the Report -

