

Report No.: SA190529E02

FCC ID: 2AEUPBHASC071

Test Model: 5UM7E5

Received Date: May 29, 2019

Test Date: June 17, 2019

Issued Date: July 09, 2019

Applicant: Ring LLC

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
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Test Location: E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300,
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**FCC Registration /
Designation Number:** 723255 / TW2022

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Release Control Record

Issue No.	Description	Date Issued
SA190529E02	Original release.	July 09, 2019

1 Certificate of Conformity

Product: Stick Up Cam Lite

Brand: Ring

Test Model: 5UM7E5

Sample Status: ENGINEERING SAMPLE

Applicant: Ring LLC

Test Date: June 17, 2019

Standards: FCC Part 2 (Section 2.1091)

KDB 447498 D01 General RF Exposure Guidance v06

IEEE C95.1-1992

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

Prepared by : Wendy Wu , **Date:** July 09, 2019
Wendy Wu / Specialist

Approved by : May Chen , **Date:** July 09, 2019
May Chen / Manager

2 RF Exposure

2.1 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				
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

f = Frequency in MHz ; *Plane-wave equivalent power density

2.2 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

2.3 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**.

2.4 Antenna Gain

WLAN				
Antenna Gain (dBi)	Frequency range (GHz)	Antenna Type	Connector Type	Cable Length
2.7	2.4~2.4835	FPC	i-pex(MHF)	10cm
Bluetooth				
Antenna Gain (dBi)	Frequency range (GHz)	Antenna Type	Connector Type	
2.9	2.4~2.4835	Chip	NA	

2.5 Calculation Result of Maximum Conducted Power

Operation Mode	Evaluation Frequency (MHz)	Max Power (mW)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)
WLAN 2.4GHz	2437	302.691	2.7	20	0.11213	1
Bluetooth	2402	3.236	2.9	20	0.00126	1

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