

RF Exposure Report

Report No.: SA200406C42

FCC ID: 2AQLWYYCBV3

Test Model: Angel

Received Date: Apr. 06, 2020

Date of Evaluation: Jun. 23, 2020

Issued Date: Jun. 30, 2020

Applicant: Yun yun AI Baby camera Co., Ltd.

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Lin Kou Laboratories

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Test Location: No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, TAIWAN

FCC Registration /
Designation Number: 788550 / TW0003



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Release Control Record

Issue No.	Description	Date Issued
SA200406C42	Original Release	Jun. 30, 2020

1 Certificate of Conformity

Product: Cubo AI Baby Monitor

Brand: CuboAi

Test Model: Angel

Sample Status: Identical Prototype

Applicant: Yun yun AI Baby camera Co., Ltd.

Date of Evaluation: Jun. 23, 2020

Standards: FCC Part 2 (Section 2.1091)

References Test KDB 447498 D01 General RF Exposure Guidance v06

Guidance : IEEE C95.3 -2002

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 RF characteristics under the conditions specified in this report.

Prepared by : Gina Liu, **Date:** Jun. 30, 2020
Gina Liu / Specialist

Approved by : Dylan Chiou, **Date:** Jun. 30, 2020
Dylan Chiou / Senior Project Engineer

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

$$P_d = (P_{out} \cdot G) / (4 \cdot \pi \cdot r^2)$$

where

P_d = power density in mW/cm²

P_{out} = output power to antenna in mW

G = gain of antenna in linear scale

π = 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 Calculation Result of Maximum Conducted Power

Band	Frequency Band (MHz)	Max Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)
WLAN	2412-2472	21.83	1.97	20	0.048	1.00
	5180-5240	20.71	1.80	20	0.035	1.00
	5260-5320	20.81	1.95	20	0.038	1.00
	5500-5720	20.74	1.95	20	0.037	1.00
	5745-5825	20.87	1.95	20	0.038	1.00

Note:

1. The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.
2. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

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