RF EXPOSURE REPORT

Applicant	Shenzhen Booyue Daily Necessities Company Limited
Address	Unit 07, 9/F, Changhong Technology Building, No.18, Keji 12th Road South, Nanshan, Shenzhen, China

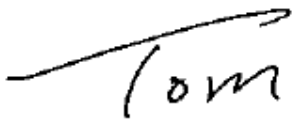
Manufacturer or Supplier	Shenzhen Booyue Daily Necessities Company Limited
Address	Unit 07, 9/F, Changhong Technology Building, No.18, Keji 12th Road South, Nanshan, Shenzhen, China
Product	alilo programming toys for children early education
Brand Name	alilo
Model	M7
Additional Model & Model Difference	M7+, M7S, G7+, G7, G7A, etc., see items 1.1
Date of tests	Mar. 13, 2018 ~ Apr. 10, 2018

☒ **FCC Part 2 (Section 2.1091)**

☒ **KDB 447498 D01**

☒ **IEEE C95.1**

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Tested by Tom Chen Project Engineer / EMC Department	Approved by Glyn He Supervisor/ EMC Department
	 Date: May 09, 2018

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM180313N034	Original release	May 09, 2018

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1. CERTIFICATION

FCC ID:	2AE4F-M7
PRODUCT:	alilo programming toys for children early education
BRAND NAME:	alilo
MODEL NO.:	M7
ADDITIONAL NO.:	M7+, M7S, G7+, G7, G7A, G6, G6+, G6X, G6A, G6B, G6C, G6D, R1, R1+, P1, P1+, L2, L2+, L3, C6, C6+, J6, J7
APPLICANT:	Shenzhen Booyue Daily Necessities Company Limited
STANDARDS:	FCC Part 2 (Section 2.1091)
	KDB 447498 D01
	IEEE C95.1

NOTE: Additional models (see above table) are identical with the test model M7 except the color of appearance and model number for trading purpose.

2. RF EXPOSURE LIMIT

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				
300-1500	…	…	F/1500	30
1500-100,000	…	…	1.0	30

F = Frequency in MHz

3. MPE CALCULATION FORMULA

$Pd = (Pout*G) / (4*pi*r^2)$

where

Pd = power density in mW/cm^2

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

4. 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**.

5. ANTENNA GAIN

The antennas provided to the EUT, please refer to the following table:

Transmitter Circuit	Peak Gain (dBi)	Antenna Type
Chain 0	0	Integral PCB Antenna

6. CALCULATION RESULT OF MAXIMUM CONDUCTED AV POWER

The tuned conducted Average Power (declared by client)

Mode	Frequency (MHz)	Target Power (dBm)	Tolerance (dBm)	Lower Tolerance (dBm)	Upper Tolerance (dBm)
BTLE(GFSK)	2402-2480	-7	+-2	-9	-5

The measured conducted Average Power

Mode	Frequency (MHz)	Averaged Power (dBm)
BTLE(GFSK)	2440	-6.12

FREQUENCY BAND (MHz)	MAX AVERAGE POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
2402-2480	-5	0	20	0.000063	1.0

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