FCC RF EXPOSURE REPORT

FCC ID: 2AYRU-TV8501SHARKY

Project No.	:	2012H007
Equipment	:	KIDS TRAINING ALARM CLOCK
Brand Name	:	MOCOFLY
Test Model	:	TV8501
Series Model	:	N/A
Applicant	:	Shenzhen 5517 E-Commerce Co., Ltd
Address	:	R407,Building B, Guoren Guoren Building, Science and Technology Zhongsan Road, Nanshan Shenzhen, China
Manufacturer	:	Shanghai Changyin Telecom Technology Co., LTD
Address	:	Floor 4, Building 1, Lane 707, Wuxing Road, Beicai Town, Pudong New Area, Shanghai
Factory	:	Shanghai Changyin Telecom Technology Co., LTD
Address	:	Floor 4, Building 1, Lane 707, Wuxing Road, Beicai Town, Pudong New Area, Shanghai
Date of Receipt	:	Dec. 10, 2020
Date of Test	:	Dec. 10, 2020 ~ Jan. 25, 2021
Issued Date	:	Feb. 05, 2021
Report Version	:	R00
Test Sample	:	Engineering Sample No.: SH2021011526
Standard(s)	:	FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

Maker Qi

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Feb. 05, 2021

1. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi r^2} = \frac{EIRP}{4\pi r^2}$$

where:
S = power density
P = power input to the antenna
G = power gain of the antenna in the direction of interest relative to an isotropic radiator
R = distance to the center of radiation of the antenna

Table for Filed Antenna

For BT and BLE:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	internal	N/A	-1.2

Note:
The antenna gain is provided by the manufacturer.

2. TEST RESULTS

For BLE:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)	Test Result
-1.2	0.7586	9	7.9433	0.001199	1	Complies

For BT:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)	Test Result
-1.2	0.7586	5.5	3.5481	0.000536	1	Complies

Note: The calculated distance is 20 cm.
Output power including tune up tolerance.

End of Test Report