



CMA Testing and Certification Laboratories

廠商會檢定中心

RF EXPOSURE EVALUATION

Report No. : AW0022083(4) Date: 22 Mar 2018

Application No. : LW005191(5)

Applicant : Kid Galaxy Inc

Sample Description : One(1) item of submitted sample stated to be

Product Description : Remote of Mega Morpibian
Model : 10313, 10312, 10193, 10194, 10195, 10196, 10199, 20463
Sample registration No. : RW007892-002
Radio Frequency : 2425MHz – 2472MHz
Supply voltage : 2 x 1.5V AAA size batteries
No. of submitted sample : 2

FCC ID : QEA-S615-2G4T

Date Received : 29 Jan 2018, 13 Mar 2018


Evaluation Period : 07 Mar 2018 to 20 Mar 2018

Evaluation Method : 447498 D01 General RF Exposure Guidance v06 - RF Exposure Procedure and Equipment Authorization Policies for Mobile and Portable Devices

Conclusion : The maximum power of the remote was satisfied RF exposure requirements.

For and on behalf of
CMA Industrial Development Foundation Limited

Authorized Signature : _____


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Simultaneous power

Not applicable because only one control signal

RF Exposure Evaluation

According to KDB 447498 D01 clause 4.3.1 a), transmission from 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$$\left[\frac{\text{(max. power of channel, including tune-up tolerance, mW)}}{\text{(min. test separation distance, mm)}} \right] \cdot \sqrt{f(\text{GHz})}$$

Calculation

-Frequency : 2.472GHz
-Max. power of channel in EIRP , including tune-up tolerance : 1.122mW
-Minimum test separation distances : <5mm

where

-f(GHz) is the RF channel transmit frequency in GHz.

-Power and distance are rounded to the nearest mW and mm before calculation.

-The result is rounded to two decimal place for comparison.

Substitute above reading for calculation.

$$[(\text{mW}) / (\text{mm})] \times \sqrt{\text{GHz}}$$

Result = 0.353

Requirements: ≤ 3.00 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR

Conclusion

The corresponding SAR test exclusion threshold was satisfied 4.3.1a) requirements. Measurement or numerical simulation is not required.

***** End of Evaluation *****