



# CMA Testing and Certification Laboratories

廠商會檢定中心

## RF EXPOSURE EVALUATION

Report No. : AY0061342(5) Date: Nov 11, 2019

Application No. : LY029786 (0)

Applicant : Maxx Marketing Limited  
Unit 703, 7/F Peninsula Centre,  
67 Mody Road, Tsim Sha Tsui East,  
Kowloon, Hong Kong

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

Product Description : 1:24 Voice Activated Batmobile  
Model : 12903  
Sample registration No. : RY019473-002(4)  
Radio Frequency : 2402 – 2480MHz  
Supply voltage : DC 5.0V (USB port)  
AC100-240V(Travel Charger: S005AYZ0500100)  
No. of submitted sample : 1

FCC ID : 2AUMX-12903

Date Received : Sep 20, 2019

Evaluation Period : Sep 23, 2019 to Nov 10, 2019

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

Conclusion : The source-based time-averaged maximum conducted power of Bluetooth operation  
were satisfied RF exposure requirements.

For and on behalf of  
CMA Industrial Development Foundation Limited

Authorized Signature : \_\_\_\_\_

Mr. WONG Lap-pong, Andrew  
Manager

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CMA Industrial Development Foundation Limited  
Room 1302, Yan Hing Centre, 9-13 Wong Chuk Yeung St., Fo Tan, Shatin, N.T., Hong Kong.  
Tel : (852) 2698 8198 Fax : (852) 2695 4177 E-mail : [info@cmateesting.org](mailto:info@cmateesting.org) Web Site : <http://www.cmateesting.org>



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### Simultaneous power

No Simultaneous transmission

### RF Exposure Evaluation

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

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

### Calculation

- Frequency : 2.480GHz
- Max. peak conducted output power , including tune-up tolerance : 0.083mW
- 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 = 0.026

Requirements:  $\leq 3.00$  for 1-g SAR and  $\leq 7.5$  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 \*\*\*\*\*