



CMA Testing and Certification Laboratories

廠商會檢定中心

RF EXPOSURE EVALUATION

Report No. : AY0041770(8) Date: Jul 28, 2019

Application No. : LY022378(0)

Applicant : KONDOR LIMITED
CHRISTCHURCH BUSINESS PARK, RADAR WAY,
BH23 4FL. UK

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

Product Descriptin : AIRLINE ADAPTOR 2
Model : KSBTAP2
Sample registration No. : RY034755-003(5)
Radio Frequency : 2402 – 2480MHz
Supply voltage : DC3.7V (Li-ion rechargeable battery)
DC5.0V (Charging pad)
No. of submitted sample : 1

FCC ID : 2ADFF-KSBTAP2

Date Received : Jul 5, 2019

Evaluation Period : Jul 7, 2018 – Jul 24, 2018

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 : _____ Page 1 of 2

Mr. WONG Lap-pong, Andrew
Manager

Document name: FCC RF exposure - Document Ref No: RT-EL-EMC-008 - Issue Date: 01 Dec 2017 - Edition: 1

This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmatesting.org.
This document shall not be reproduced except in full or with written approval by CMA Testing.

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@cmatesting.org Web Site : <http://www.cmatesting.org>



CMA Testing and Certification Laboratories

廠商會檢定中心

RF EXPOSURE EVALUATION

Report No. : AY0041770(8)

Date: Jul 28, 2019

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	: 2.00mW
- 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 = 0.630

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 *****