

RF EXPOSURE EVALUATION

| Report No. | : | AA0015630(4) | Date: 31 Mar 2021 |
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Application No. : LA006277(0)

Applicant : Three Champions Enterprise Co., Ltd.

Flat E-105, 3/F., Tak Wing Industrial Building, 3 Tsun Wen Road, Tuen Mun, Hong Kong

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

Product Descriptin : AL-D BT EB MINT

Model : 3CBT01

Sample registration No. : RA030630-013(5) Radio Frequency : 2402 – 2480MHz

Supply voltage : DC3.7V (Li-ion rechargeable battery)

DC5.0V (Charging port)

No. of submitted sample : 1

FCC ID : 2AVGC3CBT011

Date Received : 22 Mar 2021

Evaluation Period : 25 Mar 2021 to 31 Mar 2021

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

Wong Lap Pong / Andrew Deputy Technical Manager

The conformity statement stated in Conclusion above is based on the decision rule agreed with applicant and listed in www.cmatesting.org/qac/statement-of-conformity.pdf.

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Simultaneous power

No Simultaneuous 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:

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

Calculation

- Frequency : 2.480GHz - Max. peak conducted output power, including tune-up tolerance : 0.1059mW

- Minimum test separation distances

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.

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

Result = 0.0334

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 *****

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: <5mm