



TESTING

## RF EXPOSURE EVALUATION

Report No. : AA0041684(1) Date: 2021-08-17

Application No. : LA020018(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) submitted sample(s) stated to be :  
Item Name : E/D HP BT TYDYE UNI  
Claire's Category : Young  
Claire's Order by Country : NA  
Department No. : 49  
Claire's Style No. : 01424-1  
PO No. : 875194  
PO Cancel Date : -  
Vendor Style No. : E100-01424-1  
FOB Port : Hong Kong  
Radio Frequency : 2402 – 2480MHz  
Supply voltage : DC3.7V (Li-ion rechargeable battery)  
DC5.0V (Charging port)  
No. of submitted sample : Three (3) set (s)

FCC ID : 2AVGC3CBTHP01

Date Received : 2021-07-19.

Evaluation Period : 2021-07-19 to 2021-08-17.

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 :

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Wong Lap Pong / Andrew  
Deputy Technical Manager

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

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](http://www.cmatesting.org/qac/statement-of-conformity.pdf).  
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CMA Industrial Development Foundation Limited

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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 | : 0.3548mW |
| - 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 = 0.1118

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 \*\*\*\*\*