CMA Testing and Certification Laboratories
廠商會檢定中心

RF EXPOSURE EVALUATION

Report No.	:	AW0061644(0) Date: Oct 24, 2018
Application No.	:	LW029707(3)
Applicant	:	Kondor Limited
Sample Description	:	One(1) item of submitted sample stated to be

Product Descriptin : District TWS Headphone
Model : KSDISTWS
Sample registration No. : RW029661-007(9)
Radio Frequency : 2402 – 2480MHz
Supply voltage : DC3.7V (Li-ion rechargeable battery)
DC5.0V (Charging pad)
No. of submitted sample : 1

FCC ID	:	2ADFF-KS1
Date Received	:	Sep 20, 2018
Evaluation Period	:	Sep 22, 2018 – Oct 23, 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 : _____

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Simultaneous power

Since the device has left and right earbuds, it is possible to transmit simultaneous power by both earbuds.

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:

[(*max. power of channel, including tune-up tolerance, mW*) / (*min. test separation distance, mm*)] · [√f(GHz)]

Calculation

- Frequency : 2.480GHz
- Max. peak conducted output power , including tune-up tolerance : 3.47mW
- Max. source-based time-averaged conducted power : 3.47/79 = 0.044mW
- 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.
[(mW) / (mm)] x √GHz]

Result = 0.014 (for one earbud)

Result = 0.028 (for left and right earbuds)

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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