

RF Exposure Evaluation

of

E.U.T. : Digital Bodypack Transmitter
Model No. : CON-9T
Serial Model : DL-9T / CAM-9T
FCC ID : NTMCON-9T

for

APPLICANT : OKAYO ELECTRONICS CO., LTD.
ADDRESS : No.2, Gongye 10th Rd., Dali Dist., Taichung
41280, Taiwan

Test Performed by

ELECTRONICS TESTING CENTER, TAIWAN

NO. 34. LIN 5. DINGFU VIL., LINKOU DIST.,

NEW TAIPEI CITY, TAIWAN, 24442, R.O.C.

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Report Number : 18-04-RBF-014-02-MPE

TEST REPORT CERTIFICATION

Applicant : OKAYO ELECTRONICS CO., LTD.
No.2, Gongye 10th Rd., Dali Dist., Taichung 41280, Taiwan

Manufacturer : OKAYO ELECTRONICS CO., LTD.
No.2, Gongye 10th Rd., Dali Dist., Taichung 41280, Taiwan

Description of EUT

- a) Type of EUT : Digital Bodypack Transmitter
- b) Trade Name : OKAYO
- c) Model No. : CON-9T
- d) Serial Model : DL-9T / CAM-9T
- e) Power Supply : 1)1.2V(Ni-MH) x 2 AA type rechargeable batteries / 1.5V x 2 AA Alkaline disposable
2) Adapter Model: JHD-AP006U-050100BB-2
I/P: AC100~240V ; O/P: DC5V 1A
3) Adapter Model: GQ05-050100-ZG
I/P: AC100~240V ; O/P: DC5V 1A
- f) Frequency Range : 902 ~ 928 MHz

Regulation Applied FCC KDB447498 D01. The equipment fulfills the requirements on power density for general population/uncontrolled exposure and therefore fulfills the requirements of section 1.1310 of FCC 47 CFR Part 1.

Note: 1. The result of the testing report relate only to the item tested.
2. The testing report shall not be reproduced expect in full, without the written approval of ETC

Date Test Item Received : *Apr. 17, 2018*
Date Test Campaign Completed : *Jun. 25, 2018*
Date of Issue : *Jul. 13, 2018*

Test Engineer : *Brian Huang*
(Brian Huang, Engineer)



Approve & Authorized Signer :

Vincent Chang
Vincent Chang, Supervisor
EMC Dept. II of ELECTRONICS
TESTING CENTER, TAIWAN

Product Information:

Type of EUT: Digital Bodypack Transmitter
FCC ID: NTMCON-9T
Model: CON-9T

According to KDB 447498 section 4.3.1, the 1-g SAR test exclusion thresholds at test separation distance ≤ 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$

The max. average power of channel, including tune-up tolerance(mW) is 10.0mW @ 927.500MHz (With Tune-up tolerance),

The min. test separation distance (mm) is 5 mm,

So, $[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] = 1.93 < 3.0$ (With Tune-up tolerance).

Therefore, standalone SAR measurements are not required for both head and body.