

# 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 10<sup>th</sup> 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 10<sup>th</sup> Rd., Dali Dist., Taichung 41280, Taiwan

Manufacturer : OKAYO ELECTRONICS CO., LTD.  
No.2, Gongye 10<sup>th</sup> 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 except 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  $\leq 50$  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.