RF Exposure Evaluation

of

E.U.T. : Bodypack transmitter
FCC ID. : B5DB1245L
Model No. : RE3-BPT-5L
Working Frequency : 488~524 MHz

for

APPLICANT : Bosch Security Systems, Inc.
ADDRESS : 8601 East Cornhusker Highway Lincoln, NE 68507 USA

Test Performed by

ELECTRONICS TESTING CENTER (ETC) , TAIWAN
NO. 34. LIN 5, DINGFU VIL., LINKOU DIST.,
NEW TAIPEI CITY, TAIWAN, 24442, R.O.C.
TEL : (02)26023052 FAX : (02)26010910
http:// www.etc.org.tw ; e-mail:emc@etc.org.tw

Report Number : 18-09-RBF-012-07-MPE

TEST REPORT CERTIFICATION

Applicant	:	Bosch Security Systems, Inc. 8601 East Cornhusker Highway Lincoln, NE 68507 USA
Manufacturer	:	JTS Professional Co., Ltd. No. 148, Industry 9th Road, Tali Dist., Taichung City 41280 Taiwan, R.O.C.

Description of EUT	:	
a) Type of EUT	:	Bodypack transmitter
b) Trade Name	:	Electro-Voice
c) Model No.	:	RE3-BPT-5L
d) FCC ID	:	B5DB1245L
e) Working Frequency	:	488~524 MHz
f) Power Supply	:	DC 3V Battery

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

Issued Date : Dec.27, 2018

EMC TESTING DEPARTMENT II 財團法人台灣電子檢驗中心 ELECTRONICS TESTING CENTER, TAIWAN ETC.

Test Engineer : Brian Huang

(Brian Huang, Engineer)

Approve & Authorized Signer : Brian Huang

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

Product Information:

Type of EUT: Bodypack transmitter
FCC ID: B5DB1245L
Model: RE3-BPT-5L

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

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

The max. average power of channel, including tune-up tolerance(mW) is 10.0mW @ 523.950MHz (With Tune-up tolerance),

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

So, [(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] ·[$\sqrt{}$f(GHz)] = 1.45 < 3.0 (With Tune-up tolerance).

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