RF Exposure Evaluation

of

E.U.T. : Wireless Remote Control for Searchlight
FCC ID. : TX-SL016
Model No. : OAVTXSL016
Working Frequency : 2406MHz

for

APPLICANT : Altrusty Enterprise Co., Ltd.
ADDRESS : 4F., No.3, Aly. 16, Ln. 235, Baoqiao Rd., Xindian Dist. New Taipei City 23145, Taiwan

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 : 19-05-RBF-036-03-MPE

TEST REPORT CERTIFICATION

Applicant	:	Altrusty Enterprise Co., Ltd. 4F., No.3, Aly. 16, Ln. 235, Baoqiao Rd., Xindian Dist. New Taipei City 23145, Taiwan
Manufacturer	:	Altrusty Enterprise Co., Ltd. 4F., No.3, Aly. 16, Ln. 235, Baoqiao Rd., Xindian Dist. New Taipei City 23145, Taiwan
Description of EUT	:	Wireless Remote Control for Searchlight
a) Type of EUT	:	Allremote
b) Trade Name	:	Altrusty Enterprise Co., Ltd.
c) Model No.	:	TX-SL016
d) FCC ID	:	OAVTXSL015
e) Working Frequency	:	2406MHz
f) Power Supply	:	Battery: 12V / 23A

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 : *Oct. 22 , 2019*

Test Engineer : 

(Jack Chang, Engineer)

Approve & Authorized Signer : 

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

Product Information:

Type of EUT:	Wireless Remote Control for Searchlight
FCC ID:	OAVTXSL016
Model:	TX-SL016

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 0.00398mW @ 2406MHz (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)] = 0.000524 < 3.0 (With Tune-up tolerance).

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

.