RF Exposure Evaluation

of

E.U.T. : ACCESS READER

FCC ID. : 2AOANTWSECOMOPC0050

MODEL : OPC0050

for

APPLICANT : SECOM TAIWAN

ADDRESS : No. 139, Zhengzhou Road, Datong District, Taipei City, Taiwan (R.O.C.)

Prepared by

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Report Number : 17-06-RBF-016-MPE

TEST REPORT CERTIFICATION

Applicant : SECOM TAIWAN
NO. 139, ZHENGZHOU ROAD, DATONG DISTRICT, TAIPEI CITY, TAIWAN (R.O.C.)

Manufacturer : SECOM TAIWAN
NO. 139, ZHENGZHOU ROAD, DATONG DISTRICT, TAIPEI CITY, TAIWAN (R.O.C.)

Description of EUT

a) Type of EUT : ACCESS READER
b) Trade Name : SANGEAN
c) Model No. : OPC0050
d) Serial Model : --
e) Power Supply : DC 12V

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	:	*Jun. 15, 2017*
Date Test Campaign Completed	:	*Jul. 10, 2017*
Date of Issue	:	*Aug,30, 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: ACCESS READER
FCC ID: SANGEAN
Model: OPC0050

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)] ·[√f(GHz)] ≤ 3.0

The max. average power of channel, including tune-up tolerance(mW) is 19.8dBμV(30m)=0.0000028647mW@ 0.01356GHz (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)] ·[√f(GHz)] = 0.000000066717 < 3.0 (With Tune-up tolerance).

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