RF Exposure Evaluation

of

E.U.T. : XS WIRELESS
FCC ID. : DMOSKMXSW
Model No. : SKM-XSW
Working Frequency : 548~572 MHz

for

APPLICANT : Sennheiser Electric Corp.
ADDRESS : 1 Enterprise Drive, Old Lyme, CT 06371, 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
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Report Number : 18-11-RBF-013-03-MPE

TEST REPORT CERTIFICATION

Applicant	:	Sennheiser Electric Corp. 1 Enterprise Drive, Old Lyme, CT 06371, USA
Manufacturer	:	MASCOT ELECTRIC CO., LTD NO. 85, CHANGXING 1ST ST., RENDE DIST., TAINAN CITY 717, TAIWAN
Description of EUT	:	
a) Type of EUT	:	XS WIRELESS
b) Trade Name	:	SENNHEISER
c) Model No.	:	SKM-XSW
d) FCC ID	:	DMOSKMXSW
e) Working Frequency	:	548~572 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.26, 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: XS WIRELESS
FCC ID: DMOSKMXSW
Model: SKM-XSW

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 @ 571.650MHz (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)] = 1.51 < 3.0 (With Tune-up tolerance).

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