RF Exposure Evaluation

of

E.U.T. : Handheld Transmitter
FCC ID. : JFZT3DE3
Model No. : ATW-T3DE3
Working Frequency : 482~512 MHz

for

APPLICANT : Audio-Technica Corporation
ADDRESS : 2-46-1 Nishi-naruse, Machida, Tokyo 194-8666, Japan

Test Performed by

ELECTRONICS TESTING CENTER (ETC) , TAIWAN
NO. 34. LIN 5, DINGFU VIL., LINKOU DIST.,
NEW TAIPEI CITY, TAIWAN, 24442, R.O.C.
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Report Number : 19-01-RBF-014-01-MPE

TEST REPORT CERTIFICATION

Applicant	:	Audio-Technica Corporation 2-46-1 Nishi-naruse, Machida, Tokyo 194-8666, Japan
Manufacturer	:	Audio-Technica Corporation 2-46-1 Nishi-naruse, Machida, Tokyo 194-8666, Japan
Description of EUT	:	
a) Type of EUT	:	Handheld Transmitter
b) Trade Name	:	audio-technica
c) Model No.	:	ATW-T3DE3
d) FCC ID	:	JFZT3DE3
e) Working Frequency	:	482~512 MHz
f) Power Supply	:	DC 1.5V Battery*2

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 : Mar.19, 2019

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: Handheld Transmitter
FCC ID: JFZT1DE3
Model: ATW-T3DE3

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 @ 511.375MHz (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)] = 1.43 < 3.0 (With Tune-up tolerance).

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