RF Exposure Report

Report No.: SA150923D10

FCC ID: 2AEFTAW313T

Test Model: AW313T

Received Date: Sep. 23, 2015

Test Date: Oct. 20 ~ 26, 2015

Issued Date: Nov. 6, 2015

Applicant: AVerMedia Technologies Inc.

Address: NO.135, Jian 1st Rd., Zhonghe Dist, New Taipei City, Taiwan (R.O.C.)

Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch

Lab Address: No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan (R.O.C.)

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Release Control Record

Issue No.	Description	Date Issued
SA150923D10	Original release.	Nov. 6, 2015

1 Certificate of Conformity

Product:	Smart Microphone
Brand:	AVerMedia
Test Model:	AW313T
Sample Status:	Engineering sample
Applicant:	AVerMedia Technologies Inc.
Test Date:	Oct. 20 ~ 26, 2015
Standards:	FCC Part 2 (Section 2.1093) KDB 447498 D03 KDB 447498 D01 IEEE C95.1

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

Prepared by : Annie Chang , **Date:** Nov. 6, 2015

Annie Chang / Senior Specialist

Approved by : Rex. Lai , **Date:** Nov. 6, 2015

Rex Lai / Assistant Manager

2 RF Exposure

2.1 Limits For Maximum Permissible Exposure (MPE)

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm^2)	Average Time (minutes)
Limits For General Population / Uncontrolled Exposure				
300-1500	…	…	F/1500	30
1500-100,000	…	…	1.0	30

F = Frequency in MHz

2.2 MPE Calculation Formula

$Pd = (Pout*G) / (4*pi*r^2)$

where

Pd = power density in mW/cm^2

Pout = output power to antenna in mW

G = gain of antenna in linear scale

Pi = 3.1416

R = distance between observation point and center of the radiator in cm

2.3 Classification

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user. So, this device is classified as **Mobile Device**.

3 Calculation Result Of Maximum Conducted Power

Frequency Band (MHz)	Max Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm^2)	Limit (mW/cm^2)
2406 ~ 2474	8.96	0.46	20	0.0017	1

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