

RF Exposure Report

Report No.: SA150319D06

FCC ID: 2AEFTAW310T

Test Model: AW310T

Received Date: Mar. 16, 2015

Test Date: Mar. 16 ~ Apr. 2, 2015

Issued Date: Apr. 9, 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 |
|-------------|-------------------|--------------|
| SA150319D06 | Original release. | Apr. 9, 2015 |



1 Certificate of Conformity

Product: SMART MICROPHONE

Brand: AVerMedia

Test Model: AW310T

Sample Status: Engineering sample

Applicant: AVerMedia Technologies Inc.

Test Date: Mar. 16 ~ Apr. 2, 2015

Standards: FCC Part 2 (Section 2.1093)

KDB 447498 D03

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 : Jessica Cheng , **Date:** Apr. 9, 2015
Jessica Cheng / Senior Specialist

Approved by : Rex Lai , **Date:** Apr. 9, 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/cm²

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 | 8.00 | 0.46 | 20 | 0.0014 | 1 |

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