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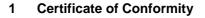
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## **Release Control Record**

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



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.

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## 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 <sup>2</sup> )	Average Time (minutes)
	Limits For Gener	ral Population / Uncor	ntrolled Exposure	
300-1500	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 <sup>2</sup> )	Limit (mW/cm <sup>2</sup> )
2406 ~ 2474	8.96	0.46	20	0.0017	1

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