

RF Exposure Report

Report No.: SA160217D08

FCC ID: 2AEFTAW330S

Model No.: AW330S

Received Date: Feb. 17, 2016

Test Date: Feb. 17 ~ 24, 2016

Issued Date: Feb. 26, 2016

Applicant: AVerMedia Technologies Inc.

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

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Release Control Record

Issue No.	Description	Date Issued
SA160217D08	Original release.	Feb. 26, 2016

1 Certificate of Conformity

Product: Wireless Speaker

Brand: AVerMedia

Model No.: AW330S

Sample Status: Engineering sample

Applicant: AVerMedia Technologies Inc.

Test Date: Feb. 17 ~ 24, 2016

Standards: FCC Part 2 (Section 2.1091)

KDB 447498 D01 General RF Exposure Guidance v06

IEEE C95.1-2005

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 : Celia Chen , **Date:** Feb. 26, 2016
(Celia Chen / Supervisor)

Approved by : Rex Lai , **Date:** Feb. 26, 2016
(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

$$P_d = (P_{out} * G) / (4 * \pi * r^2)$$

where

P_d = power density in mW/cm²

P_{out} = output power to antenna in mW

G = gain of antenna in linear scale

π = 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 (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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