

RF Exposure Report

Report No.: SA151228C18D

FCC ID: 2AKPU1DX

Test Model: 1DX

Series Model: 1FX (For marketing purpose)

Received Date: Dec. 28, 2015

Test Date: Jan. 07 ~ Jan. 13, 2016

Issued Date: Jun. 02, 2017

Applicant: iZotope, Inc.

Address: 60 Hampshire Street 02139 Cambridge Massachusetts United States

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

Test Location: No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City
33383, TAIWAN (R.O.C.)



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Release Control Record

Issue No.	Description	Date Issued
SA151228C18D	Original release	Jun. 02, 2017

1 Certificate of Conformity

Product: Communication Module

Brand: iZotope, Inc.

Test Model: 1DX

Series Model: 1FX (For marketing purpose)

Sample Status: Engineering sample

Applicant: iZotope, Inc.

Test Date: Jan. 07 ~ Jan. 13, 2016

Standards: FCC Part 2 (Section 2.1091)
KDB 447498 D03 (January 17, 2014)
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 : , **Date:** Jun. 02, 2017
Polly Chien / Specialist

Approved by : , **Date:** Jun. 02, 2017
Ken Liu / Senior 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 Band	Max Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)
WLAN (2412 ~ 2462MHz)	22.40	4	20	0.087	1

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