RF EXPOSURE REPORT

Applicant	Green Power One Co., Ltd
Address	No.26, Hongyun Street, Qingxi Town, Dongguan City, Guangdong Province

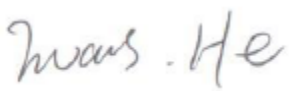
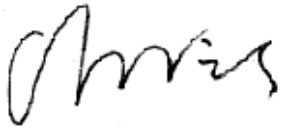
Manufacturer or Supplier	Green Power One Co., Ltd
Address	No.26, Hongyun Street, Qingxi Town, Dongguan City, Guangdong Province
Product	Speaker
Brand Name	N/A
Model	18WMS014
Additional Model & Model Difference	N/A
Date of tests	April 26 to July 09, 2018

☒ **FCC Part 2 (Section 2.1091)**

☒ **KDB 447498 D01**

☒ **IEEE C95.1**

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Tested by Evans He Project Engineer/ EMC Department	Approved by Chris Chen Supervisor / EMC Department
	 Date: July 10, 2018

Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF180620N030	Original release	July 10, 2018

Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch

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1. CERTIFICATION

FCC ID:	2AQLASPKA18BLU
PRODUCT:	Speaker
BRAND NAME:	N/A
MODEL NO.:	18WMS014
ADDITIONAL NO.:	N/A
APPLICANT:	Green Power One Co., Ltd
STANDARDS:	FCC Part 2 (Section 2.1091)
	KDB 447498 D01
	IEEE C95.1

2. RF EXPOSURE LIMIT

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

3. 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

4. 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**.

5. ANTENNA GAIN

The antennas provided to the EUT, please refer to the following table:

Transmitter Circuit	Peak Gain (dBi)	Antenna Type
Chain 0	-0.5	PIFA Antenna

6. CALCULATION RESULT OF MAXIMUM CONDUCTED AV POWER

The tuned conducted Average Power (declared by client)

Mode	Frequency (MHz)	Target Power (dBm)	Tolerance (dBm)	Lower Tolerance (dBm)	Upper Tolerance (dBm)
GFSK	2402-2480	-8	+-2	-10	-6
π/4 DQPSK	2402-2480	-8	+-2	-10	-6

The measured conducted Average Power

Mode	Frequency (MHz)	Averaged Power (dBm)
GFSK	2402	-7.52
π/4 DQPSK	2402	-7.64

FREQUENCY BAND (MHz)	MAX AVERAGE POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
2402-2480	-6	-0.5	20	0.00004	1.0

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