FCC RF EXPOSURE REPORT

FCC ID: PVBEMDA001RG

Project No.	**: 1311C001**
Equipment	**: Bluetooth Speaker**
Model Name	**: EM-DA001-RG**
Applicant	**: The House of Marley, LLC**
Address	**: 3000 Pontiac Trail Commerce Township MI-48390, USA**
According:	**: FCC Guidelines for Human Exposure IEEE C95.1**

Neutron Engineering Inc.

No.3, Jinshagang 1st Road, ShiXia, Dalang Town, Dong Guan, China.

TEL : (0769) 8318-3000 FAX : (0769) 8319-6000

MPE CALCULATION METHOD:

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi r^2} = \frac{EIRP}{4\pi r^2}$$

where:
S = power density
P = power input to the antenna
G = power gain of the antenna in the direction of interest relative to an isotropic radiator
R = distance to the center of radiation of the antenna

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	M.gear	C4080-510003-A(SSR-1200342)	PCB	N/A	2

Note: The EUT is considered two different ANT types (one PCB antenna and one Printed antenna), Only used the PCB antenna, the Printed antenna is not used.

Maximum measured transmitter power:

Output Power (dBm)	Out Power (mW)	Limit (mW)
4.17	2.6	10

According to FCC KDB447498 V05, Appendix A, SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm

The maximum measured output power of this EUT is 4.17dBm (2.6mW), less than 10mW at 5mm distance.

Conclusion: No SAR evaluation required since transmitter power is below FCC threshold