Statement of compliance to
Maximum Permissible Exposure (MPE)

Applicant	: Peavey Electronics Corporation 5022 Hartley Peavey Drive, Meridian, Mississippi, 39302, United States
Manufacturer	: Hansong (Nanjing) Technology Ltd. 8 Kangping Road, jiangning Econ. And Tech. Development Zone, Nanjing, 211106, China
Equipment	: WFS3.70 WiFi Speaker
Type/Model	: WFS3.70

According to §2.1091, §2.1093 and §1.1307(b), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

The $S = PG / (4\pi R^2)$
Where S = power density in mW/cm²
  P = transmit power in mW
  G = numeric gain of transmit antenna
  R = distance (cm)

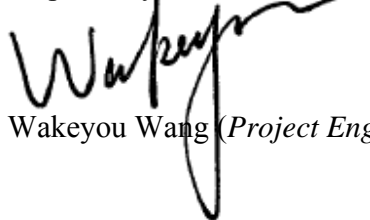R is chosen to be 20cm, the gain of antenna G = 2.00dBi = 1.585

As we can see from the test reports 130400373SHA-001:
The maximum output power = -6.21dBm = 0.239mW

$MPE = PG / (4\pi R^2) = 0.239 * 1.585 / (4 * 3.14 * 20 * 20) = 7.5 \times 10^{-5}$ mW/cm² which is below the MPE limit (≤1.0) defined in §1.1310.

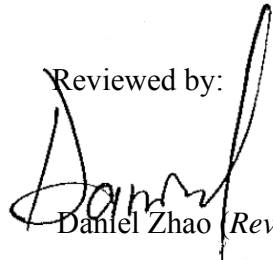Date of issue: May 13, 2013

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Reviewed by:

Daniel Zhao (*Reviewer*)

Appendix I

Definition below must be outlined in the User Manual:

To satisfy FCC RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation.
To ensure compliance, operations at closer than this distance is not recommended.