



RF Exposure Report

Report No.: SA150303E09

FCC ID: K7SF7C040

Test Model: F7C040

Received Date: Mar. 03, 2015

Test Date: Mar. 06, 2015

Issued Date: May 19, 2015

Applicant: Belkin International, Inc.

Address: 12045 East Waterfront Drive, Playa Vista, California 90094 United States

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

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Test Location (1): No. 81-1, Lu Liao Keng, 9th Ling, Wu Lung Tsuen, Chiung Lin Hsiang, Hsin
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Test Location (2): No. 49, Ln. 206, Wende Rd., Shangshan Tsuen, Chiung Lin Hsiang, Hsin
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Release Control Record

| Issue No. | Description | Date Issued |
|-------------|-------------------|--------------|
| SA150303E09 | Original release. | May 19, 2015 |



1 Certificate of Conformity

Product: WeMo Alarm sensor
Brand: WeMo
Test Model: F7C040
Sample Status: ENGINEERING SAMPLE
Applicant: Belkin International, Inc.
Test Date: Mar. 06, 2015
Standards: FCC Part 2 (Section 2.1091)
KDB 447498 D03
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 : Midoli Peng , **Date:** May 19, 2015
Midoli Peng / Specialist

Approved by : May Chen , **Date:** May 19, 2015
May Chen / 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

$$Pd = (Pout * G) / (4 * pi * r^2)$$

where

Pd = power density in mW/cm²

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

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 Antenna Gain

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

| Gain (dBi) | Frequency range (GHz to GHz) | Antenna Type | Connector Type |
|------------|------------------------------|--------------|----------------|
| 3.15 | 2.4~2.4835 | PIFA | NA |

4 Calculation Result of Maximum Conducted Power

| Frequency Band (MHz) | Max Power (mW) | Antenna Gain (dBi) | Distance (cm) | Power Density (mW/cm ²) | Limit (mW/cm ²) |
|----------------------|----------------|--------------------|---------------|-------------------------------------|-----------------------------|
| 2405-2475 | 6.792 | 3.15 | 20 | 0.00279 | 1 |

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