



RF EXPOSURE REPORT

REPORT NO.: SA140116C01

MODEL NO.: F7C033

FCC ID: K7SF7C033

RECEIVED: Jan. 16, 2014

TESTED: May 03 ~ May 30, 2014

ISSUED: Jun. 03, 2014

APPLICANT: Belkin International, Inc.

ADDRESS: 12045 E. Waterfront Drive, Playa Vista, CA 90094
USA

ISSUED BY: Bureau Veritas Consumer Products Services
(H.K.) Ltd., Taoyuan Branch

LAB ADDRESS: No. 47, 14th Ling, Chia Pau Vil., Lin Kou Dist.,
New Taipei City, Taiwan, R.O.C.

TEST LOCATION: No. 19, Hwa Ya 2nd Rd, Wen Hwa Tsuen, Kwei
Shan Hsiang, Taoyuan Hsien 333, Taiwan, R.O.C.

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TABLE OF CONTENTS

| | |
|--|---|
| RELEASE CONTROL RECORD | 3 |
| 1. CERTIFICATION | 4 |
| 2. RF EXPOSURE..... | 5 |
| 2.1 LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)..... | 5 |
| 2.2 MPE CALCULATION FORMULA | 5 |
| 2.3 CLASSIFICATION | 5 |
| 2.4 CALCULATION RESULT OF MAXIMUM CONDUCTED POWER..... | 5 |



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RELEASE CONTROL RECORD

| ISSUE NO. | REASON FOR CHANGE | DATE ISSUED |
|-------------|-------------------|---------------|
| SA140116C01 | Original release. | Jun. 03, 2014 |



1. CERTIFICATION

PRODUCT: LED Light Bulb
MODEL: F7C033
BRAND: Belkin
APPLICANT: Belkin International, Inc.
TESTED: May 03 ~ May 30, 2014
TEST SAMPLE: ENGINEERING SAMPLE
STANDARDS: **FCC Part 2 (Section 2.1091)**
FCC OET Bulletin 65, Supplement C (01-01)
IEEE C95.1

The above equipment (model: F7C033) 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 : Suntee Liu , **DATE :** Jun. 03, 2014
Suntee Liu / Specialist

APPROVED BY : Ken Liu , **DATE :** Jun. 03, 2014
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**.

2.4 CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

| MAX POWER (dBm) | ANTENNA GAIN (dBi) | DISTANCE (cm) | POWER DENSITY (mW/cm ²) | LIMIT (mW/cm ²) |
|-----------------|--------------------|---------------|-------------------------------------|-----------------------------|
| 8.52 | 2 | 20 | 0.002 | 1 |

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