

RF EXPOSURE REPORT

REPORT NO.: SA141008E01

MODEL NO.: F7C038

FCC ID: K7SF7C038

RECEIVED: Oct. 08, 2014

TESTED: Nov. 03, 2014

ISSUED: Dec. 03, 2014

APPLICANT: Belkin, International Inc.,

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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
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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
SA141008E01	Original release	Dec. 03, 2014



A D T

1. CERTIFICATION

PRODUCT: WeMo Door & Window Sensor
BRAND NAME: Belkin
MODEL NO.: F7C038
TEST SAMPLE: ENGINEERING SAMPLE
APPLICANT: Belkin, International Inc.,
TESTED: Nov. 03, 2014
STANDARDS: FCC Part 2 (Section 2.1091)
KDB 447498 D03
IEEE C95.1

The above equipment (Model: F7C038) 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 : Phoenix Huang , **Date:** Dec. 03, 2014
(Phoenix Huang, Specialist)

Approved By : May Chen , **Date:** Dec. 03, 2014
(May Chen, Manager)

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

$$P_d = (P_{out} * G) / (4 * \pi * r^2)$$

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

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

Brand	Antenna Type	Antenna Connector	Gain(dBi)	Frequency range (GHz)
NA	PIFA	NA	2.22	2.4~2.4835

6. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

FREQUENCY BAND (MHz)	CONDUCTED POWER (mW)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm ²)	LIMIT (mW/cm ²)
2405 - 2475	6.095	2.22	20	0.00202	1.00

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