

# RF EXPOSURE REPORT

Applicant	DIAMOND PRODUCT LLC CO. JIMMYJANE
Address	12 EAST SIR FRANCIS DRAKE BLVD. STE B1 LARKSPUR, CA

Manufacturer or Supplier	Sheenway Asia Ltd.
Address	Room 1313,13/F, Austin Tower, 22-26 Austin Avenue, Tsimshatsui, Hong Kong
Product	Form Vibrator
Brand Name	JIMMYJANE
Model	Form 1
Additional Model & Model Difference	N/A
Date of tests	Aug. 02, 2015 ~ Aug. 28, 2015

- FCC Part 2 (Section 2.1091)
- **KDB 447498 D03**
- **☐** IEEE C95.1

#### CONCLUSION: The submitted sample was found to **COMPLY** with the test requirement

Tested by Blue Zheng	Approved by Chris Chen
Project Engineer / EMC Department	Approved by Clins Chen Assistant Manager / EMC Department
, , ,	9 1

Date: Aug. 28, 2015

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Test Report No.: FS150818N022-1

# **Table of Contents**

RELI	EASE CONTROL RECORD	3
1.	CERTIFICATION	4
2.	RF EXPOSURE DEFINE	5
3.	CLASSIFICATION	5
	SAR TEST EXCLUSION THRESHOLDS	

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# **RELEASE CONTROL RECORD**

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FS150818N022-1	Original release	Aug. 28, 2015

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BUREAU Test Report No.: FS150818N022-1

## 1. CERTIFICATION

FCC ID:	2AFQJFORM1
PRODUCT:	Form Vibrator
BRAND NAME:	JIMMYJANE
MODEL NO.:	Form 1
ADDITIONAL NO.:	N/A
TEST SAMPLE:	Engineering Sample
APPLICANT:	12 EAST SIR FRANCIS DRAKE BLVD. STE B1 LARKSPUR, CA
STANDARDS:	FCC Part 2 (Section 2.1091)
	KDB 447498 D03
	IEEE C95.1

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### 2. RF EXPOSURE DEFINE

The corresponding SAR Exclusion Threshold condition, listed below:

1) The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]  $\cdot [\sqrt{f(GHz)}] \le 3.0$  for 1-g SAR and  $\le 7.5$  for 10-g extremity SAR,16 where

- > f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is  $\leq$  50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

- 2) At 100 MHz to 6 GHz and for test separation distances > 50 mm, the SAR test exclusion threshold is determined according to the following:
- a) [Threshold at 50 mm in step 1) + (test separation distance 50 mm)-( f(MHz)/150)] mW, at 100MHz to 1500 MHz
- b) [Threshold at 50 mm in step 1) + (test separation distance 50 mm)·10] mW at > 1500 MHz and ≤ 6 GHz
- 3) At frequencies below 100 MHz, the following may be considered for SAR test exclusion.
  - a) The threshold at the corresponding test separation distance at 100 MHz in step 2) is multiplied by [1 + log(100/f(MHz))] for test separation distances > 50 mm and < 200 mm.
  - b) The threshold determined by the equation in a) for 50 mm and 100 MHz is multiplied by ½ for test separation distances ≤ 50 mm.
  - c) SAR measurement procedures are not established below 100 MHz. When SAR test exclusion cannot be applied, a KDB inquiry is required to determine SAR evaluation requirements for any test results to be acceptable.

### 3. CLASSIFICATION

The antenna of this product, under normal use condition, is at less than 20cm away from the body of the user. So, this device is classified as **Portable Device.** 

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Page 5 of 6 Report Version 1



### 4. SAR TEST EXCLUSION THRESHOLDS

According to the KDB 447498:

The maximun Average output power specified is -0.35dBm = 0.92mW

The SAR Exclusion Threshold Level:

- = 3.0 \* (min. test separation distance, mm) / sqrt(freq. in GHz)
- = 3.0 \* 5 / sqrt (2.480) mW
- = 9.53 mW

Since the source-based time-averaging conducted output power is well below the SAR low threshold level, so the EUT is considered to **comply** with SAR requirement without testing.

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Page 6 of 6 Report Version 1

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