

|             |                           |
|-------------|---------------------------|
| Product     | <b>JuJu Joints Device</b> |
| Standard(s) | FCC KDB 447498, RSS-102   |

## Maximum Permissible Exposure / Specific Absorption Rate

|                                |                           |
|--------------------------------|---------------------------|
| EUT:                           | <b>JuJu Joints Device</b> |
| FCC Certification #, FCC ID:   | 2AUM6J001                 |
| ISED, IC:                      | 25443-420JJ001            |
| EUT passed all tests performed | Yes                       |
| Tests conducted by             | Scott Drysdale            |

This device has an effective isotropic radiated power of 86.2 (dBμV/m @ 3 meters) - 95.2 (factor to convert to EIRP at 3 meters) of -9.0 dBm (worst case), or 0.13 mW at 2480 MHz.

This device is designed to be operated handheld and for the purpose of demonstrating compliance with MPE requirements and SAR exemption; we present for a worst case 5mm distance and 100 % duty cycle.

As per RSS-102, Section 2.5.1, the limit for 2450 MHz is 4 mW at 5mm or less.

This device is significantly under the RSS-102 limit for 5 mm.

As per FCC KDB 447498 D01 Section 4.3.1, the following formula applies:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \times [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR (Worst case)}$$

$$\begin{aligned}
 & [0.13 \text{ mW} / 5] \times \sqrt{2.48} \\
 & = 0.65 \times 1.57 \\
 & = 1.02
 \end{aligned}$$

1.02 is below the 3.0 worst case limit, so this device complies with FCC requirements.