

## **Statement of compliance to Maximum Permissible Exposure (MPE)**

Equipment : Sound Rocker Transmitter  
Type/Model : 2.4GHz Transmitter  
Applicant : Pyramat LLC  
16200-A Carmenita Rd., Cerritos, California,  
90703, United States  
Manufacturer : Xiamen Comfort Science and Technology Group  
Co., Ltd.  
No.18 Longshan South Road, Xiamen 361009,  
China

Here assuming a worst-case prediction of power density (100% reflection), then  
 $S = 4PG / (4\pi R^2) = PG / (\pi R^2)$ .

Where S = power density in mW/cm<sup>2</sup>

P = transmit power in mW

G = numeric gain of transmit antenna

R = distance (cm)

As we can see from the test report JSH007080380-001:

The maximum P = -0.31dBm = 0.93mW

G = 2.5dBi = 1.78mW

R is chosen to be 1cm (worst case)

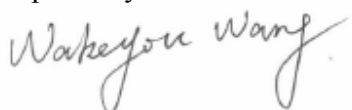
$S = PG / (\pi R^2) = 0.93 * 1.78 / 3.14 = 0.53\text{mW/cm}^2$

This level is below the 1 mW/cm<sup>2</sup> MPE for General Population / Uncontrolled Exposure  
as stated in OET BULLETIN 65 Edition 97-01.

**Conclusion: this EUT fulfills 47CFR Part 15.247(i) (2006).**

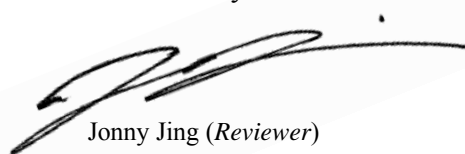
Date of issue: Sep 8, 2007

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