

## **RF Exposure / SAR Statement**

**No. : 30CE0256-HO-01-A**

**Applicant** : **Rimage Corporation**  
**Type of Equipment** : **Professional 3400 / Professional 5400N**  
**Model No.** : **RAS26 / RAS26E**  
**FCC ID** : **QT5-RAS26E**

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Rimage Corporation declares that Model : Professional 3400 / Professional 5400N complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091. The "RAS26 / RAS26E" has 9.02 mW of conducted Peak Output power and 4.52 mW of EIRP. This equipment is considered as a mobile device so that SAR testing is excluded. The Following calculation is the reference data for 20cm distance.

### **RF Exposure Calculations:**

The following information provides the minimum separation distance for the highest gain antenna provided with the "RAS26 / RAS26E" as calculated from FCC OET Bulletin 65 Appendix A, Table (B) Limits for General Population / Uncontrolled Exposure. This calculation is based on the highest EIRP possible from the system, considering maximum power and antenna gain, and considering a 1.0mW/cm<sup>2</sup> uncontrolled exposure limit. The Friis formula used was:

$$S = (P * G) / (4 * \pi * r^2)$$

Where

**P = 9.02 mW (Maximum peak output power)**  
**G = 0.50 Numerical Antenna gain; equal -3.00 dBi**  
**r = 20.0 cm**

**For: RAS26 / RAS26E**

**S = 0.000899 mW/cm<sup>2</sup>**  
**S = 0.008989 W/m<sup>2</sup>**

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**UL Japan, Inc.**

**Shonan EMC Lab.**

1-22-3 Megumigaoka, Hiratsuka-shi, Kanagawa-ken, 259-1220 JAPAN

Telephone: +81 463 50 6400

Facsimile: +81 463 50 6401