

Date of Report: July 3 2008

Maximum Permissible Exposure Statement

Calculations prepared for:

JobSight Solutions
101 Parkshore Drive, Suite 100
Folsom, CA 95630

Calculations prepared by:

Randal Clark
CKC Laboratories, Inc.
4056 Sierra Pines Dr.
Mariposa, CA 95338

Model Number: Job Link System

Fundamental Operating Frequency: 824-849 MHz
1850-1990 MHz

Measured Output Power: 800 MHz: 19.0 dBm
1800 MHz: 19.0 dBm

Maximum Antenna Gain: 800 MHz: 10.7* dBi
1800 MHz: 3.3* dBi

DRAFT

Power Output and Operating Frequency Information used for these calculations were from:
CKC Laboratories, Test Report # FC08-054 and FC08-056

Device and Antenna Operating Configuration:

*The assumed maximum gain is derived from the mobile power limits of 22.917(a)(2) and 24.232(c); antenna gain reported for the worst case configuration with combined power of this RTT cartridge output with the EVDO cartridge.

Test Procedure:

This equipment is evaluated in accordance with the guidelines set forth in OET Guide 65.

Other Considerations:

Gain information stated as a net value including any cable losses; actual antenna gain vary depending on length of cable used. For mobile configurations, the radiated power must not exceed maximum power requirements of 22.917(a)(2) and 24.232(c). This device is designed for installation into commercial construction buildings where exposure to human subjects would be limited by both time and proximity.

4056 Sierra Pines Dr. * Mariposa, CA 95338 * PH (209) 966-5240 * Fax (209) 742-6133

MPE Calculations:

MPE Limit in accordance with 1.1310:

Occupational / Controlled Exposure
X General Population / Uncontrolled Exposure

$$836.5 \text{ MHz MPE Limit} = F / 1500 \text{ (mW/cm}^2\text{)} \\ = 0.557 \text{ (mW/cm}^2\text{)}$$

$$1880 \text{ MHz MPE Limit} = 1 \text{ (mW/cm}^2\text{)}$$

Note: Limit is calculated based on the center of the frequency range of operation.

$$\text{PowerDensity(mW / cm}^2\text{)} = \frac{\text{EIRP}}{4\pi d^2}$$

Given: **EIRP** in mW and **d** in cm

EIRP (mW)	Distance (cm)	Power Density (mW/cm ²)	Result
11457.72	40.46	0.557	Pass
2000.00	12.62	1.000	Pass

Statement of Compliance:

This device demonstrates compliance under the operating conditions specified in this document. Under normal operating conditions, the antenna is designed to be installed in accordance with the manufacturer's instructions in such a manor to maintain the minimum separation distance. The MPE calculations shown above demonstrate compliance to the provisions of 1.1310 in accordance with the guidelines of OET 65.

As can be seen from the MPE results, this device passes the limits specified in 1.1310 at a distance of 40cm and at a output power of 7 Watts ERP under normal operating conditions.