



Date of Report:

Maximum Permissible Exposure Statement

Calculations prepared for:

Calculations prepared by:

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4056 Sierra Pines Dr.
Mariposa, CA 95338

FCC ID Number::
Model Number: 06357

Fundamental Operating Frequency: 902-928 MHz

Maximum Rated Output Power: 10mW
Measured Output Power: 28.1mw
Measurement Uncertainty:

Maximum Antenna Gain: 2 dBi stated

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

Device and Antenna Operating Configuration:

Maximum output was measured on low channel 902.35 MHz. Antenna is permanently installed to the EUT.

Test Procedure:

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

Other Considerations:

None.

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MPE Calculations:

MPE Limit in accordance with 1.1310:

- Occupational / Controlled Exposure
- X General Population / Uncontrolled Exposure

$$\begin{aligned} \text{MPE Limit} &= 1 \text{ (mW/cm}^2\text{)} \\ &= 1 \text{ (mW/cm}^2\text{)} \end{aligned}$$

Note: Limit is calculated based on the lowest frequency used in the operating frequency range.

$$\text{PowerDensity(mW / cm}^2\text{)} = \frac{\text{EIRP}}{4\pi d^2} \quad \text{Given: EIRP in mW and d in cm}$$

EIRP (mW)	Distance (cm)	Power Density (mW/cm ²)	Result
44.4	1.88	1.00	Pass

Comment [RC1]: Show original Limit and then show calculated limit

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 1.88 cm and at an output power of 28.1 mw under normal operating conditions.

Comment [RC2]: Change this statement to reflect actual compliance

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