

14 May, 2010

RF Exposure Statement

To whom it may concern,

The RM1 meets the classification for a Mobile device as defined in 47 CFR 2.1091. It is generally installed in locations that normally maintain a separation distance of at least 20 centimeters between the radiating structure and the body of the user or nearby persons.

The predicted Maximum Permissible Exposure (MPE) for this device is calculated using equation 4 of FCC OET Bulletin 65, Edition 97-01 ($S = \text{EIRP}/4\pi R^2$) where:

S = power density (mW/cm²)

EIRP = maximum measured output power from test report (mW)

R = distance to the center of radiation of the antenna (cm)

Maximum peak output power (EIRP):

7.4 dBm

Predicted distance:

5.5 mW

MPE Limit from 47 CFR 1.1310, Table 1b,
Limits for General Population/Uncontrolled
Exposure

20 cm

1 mW/cm²

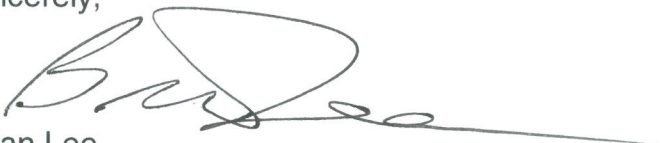
Predicted Power Density:

0.0011 mW/cm²

Conclusion: The RM1 complies and is well below the MPE limit.

As a mobile device, the RM1 is categorically excluded from environmental evaluation since it does not fall within the requirements of table 1 in CFR 47 1.1307. The RM1 is an unlicensed radio operating in the 2400 to 2483.5 MHz band. It is excluded from routine environmental evaluation for RF exposure, since the ERP of the device is less than 3 watts (RM1 operated above 1.5GHz) and the device does not fall under CFR 47, part 15.253, 15.255 or 15.257 requirements.

Sincerely,



Brian Lee
Hardware Engineer