

## **FCC GRANT OF EQUIPMENT AUTHORIZATION APPLICATION**

### **ALL RULE PARTS OTHER THAN 11, 15, AND 18 (PLEASE COMPLETE QUESTIONNAIRE)**

1. Type or types of emissions:

Direct-sequence spread-spectrum

2. Frequency Range:

1850-1910 MHz

3. Range of operating power values or specific operating power levels, and description of any means provided for variation of operating power:

The RF transmit power is controlled over a range of -45dBm to +27dBm, measured at the antenna terminals. The method of controlling the power involves variable gain control elements in both the IF and RF paths. The power level is monitored by a detector on the output of the final amplifier and an active hardware control loop limits the maximum power, at the antenna, to +27dBm. The detector is factory calibrated and cannot be modified other than in the factory.

4. Maximum power rating as defined in the applicable rule part(s):

+27 dBm transmit power at antenna input with +3dBi integral antenna = +30 dBm EIRP

5. dc voltages applied to and dc currents into the several elements of the final radio frequency amplifying device for normal operation over the power range

The DC voltage/current into the final amplifier is 450mA @ 4.5volts at maximum transmit power.