



6 June 2003

Federal Communications Commission
Authorization and Evaluation Division
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SUBJECT: Addendum to Application for FCC ID: O2E-ILR-IPORT3

References: A) Test Report # EMCC-010133AF

To Whom It May Concern:

Further to the subject test report prepared to show compliance with FCC regulations under 15.247, this addendum will show compliance to the lower EIRP requirements under 15.245.

As shown in section 7.1.3 of the Reference A test report, the maximum peak output power of the device under test is 23.3dBm. With antenna gain, the EIRP is calculated to be 28.3dBm or 676.1mW.

In accordance with the limits of section 15.245, in the frequency range of 902-928MHz, the fundamental field strength allowed is 500mV/m measured at 3m. Converting the desired field strength of 500mV/m @ 3m, the average output power permitted is 75.0mW.

As noted in section 6.5.3 of the Reference A test report, the maximum duty cycle of the device under test is 6%. This is justified using a maximum telegram length of 6.38ms, with a delay of 100ms between two telegrams: Duty Cycle = $100 * (6.38/106.38)$. Therefore, the time average power becomes 39.64mW.

The margin between the allowable power and the actual power is 35.36mW or 15.49dBm.

I trust that this information provides sufficient basis for the Reference A test report to be utilized in approval of the subject application under section 15.245.

If you have any questions or concerns, please do not hesitate to contact me at (250) 860-6567.

Yours truly,
IDEN TEC SOLUTIONS, INC.

A handwritten signature in black ink, appearing to read 'Marty Brooks', followed by a vertical line.

Marty Brooks
Product Engineer

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