

5.1 Test Data

5.2 Effective Radiated Power Output

POWER: **High (CDMA Mode)**

Freq. Tuned (MHz)	LEVEL (dBm)	POL (H/V)	ERP (W)	ERP (dBm)	BATTERY
824.70	-16.492	H	0.301	24.790	Standard
835.89	-17.083	H	0.272	24.338	Standard
848.31	-16.675	H	0.309	24.902	Standard
824.70	-16.400	H	0.308	24.882	Extended
835.89	-17.000	H	0.277	24.421	Extended
848.31	-16.600	H	0.315	24.977	Extended

NOTES:

ERP Measurements by Substitution Method:

The EUT was placed on a wooden turn table 3-meters from the receive antenna. The receive antenna height and turntable rotation was adjusted for the highest reading on the receive spectrum analyzer. A half-wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same receive spectrum analyzer reading. This ERP level is recorded. For readings above 1GHz, the above procedure is repeated using horn antennas and the difference