

# Test Data

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## Effective Radiated Power Output

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POWER: **High (CDMA Mode)**

Freq. Tuned (MHz)	LEVEL (dBm)	POL (H/V)	ERP (W)	ERP (dBm)	BATTERY
824.70	-17.250	H	0.25302	24.032	Standard
835.89	-17.500	H	0.24727	23.921	Standard
848.31	-17.600	H	0.24984	23.977	Standard

### NOTES:

1. Conducted power level for CDMA Mode is 24.0 dBm
- 2 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 between the gain of the horn and an isotropic antenna are taken into consideration.

# Test Data

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## Equivalent Isotropic Radiated Power (E.I.R.P.)

FREQ. (MHz)	LEVEL (dBm)	POL (H/V)	EIRP (dBm)	EIRP (W)	Battery
1851.25	-18.150	H	24.931	0.312	Standard
1880.00	-18.200	H	25.051	0.320	Standard
1908.75	-18.600	H	24.821	0.304	Standard

### NOTES:

1. Conducted power level for PCS is 23.7 dBm
2. Equivalent Isotropic Radiated Power Measurements by Substitution  
Method according to ANSI/TIA/EIA-603 (rev.1998):

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 Horn antenna was substituted in place of the EUT. This Horn antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same receive spectrum analyzer reading. The conducted power at the terminals of the Horn antenna is measured. The difference between the gain of the horn and an isotropic antenna is taken into consideration and the EIRP is recorded.