

RF POWER OUTPUT DATA

The input supply to the transmitter was set at 3.6 Volts. The RF power output was measured with the indicated voltage and current applied into the final RF amplifying device(s).

ANALOG MODE

Measured RF output: **0.562 W**

Measured DC voltage: 3.6 V

Measured DC current: 735 mA

Measured RF input: 5.01 mW

DIGITAL CDMA MODE

In Digital Mode the values measured for RF Output, DC Current and RF Input Power are all average values which reflect a 100% transmit duty cycle in CDMA operation.

Measured RF output: **0.302 W**

Measured DC voltage: 3.6 V

Measured DC current: 680 mA

Measured RF input: 1.585 mW

Effective Radiated Power

Since the unit is intended for use with a provided antenna (and “non-standard” RF connector), ERP was measured. The dipole antenna substitution method was used. The result indicates the maximum ERP found over the channels and radio orientations tested. The maximum found was with the antenna in the extended position.

Maximum Effective Radiated Power Analog Mode: **26.36 dBm (0.433 W)**

Maximum Effective Radiated Power Digital CDMA Mode: **23.21 dBm (0.209 W)**