

**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: 0.539W

Measured DC voltage: 3.6V

Measured DC current: 680mA

Measured RF input: 9.77mW

**800 MHz Digital CDMA**

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: 0.318W

Measured DC voltage: 3.6V

Measured DC current: 650mA.

Measured RF input: 1.28mW

**1900 MHz Digital CDMA**

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: 0.272W

Measured DC voltage: 3.6V

Measured DC current: 675mA.

Measured RF input: 1.62mW

**EFFECTIVE RADIATED POWER**

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

Maximum Effective Radiated Power: Analog Mode 25.5 dBm (0.355 W)

Maximum Effective Radiated Power: 800 Digital CDMA Mode 23.8 dBm (0.240 W)

Maximum Effective Isotropic Radiated Power: 1900 Digital CDMA Mode 24.9 dBm (0.310 W)