

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: 0.478W
Measured DC voltage: 3.6V
Measured DC current: 598mA.
Measured RF input: 5mW

DIGITAL 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: 0.251W
Measured DC voltage: 3.6V
Measured DC current: 441mA.
Measured RF input: 2.5mW

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.

ANALOG MODE: Effective Radiated Power : 0.408 W

800MHz DIGITAL (CDMA) MODE: Effective Radiated Power : 0.214 W