RF POWER OUTPUT DATA

The input supply to the transmitter was set at 3.6 Volts. The voltage at the final amplifying device voltage was 3.6V. 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: 0.298 Watts

Measured DC Voltage: 3.6 Volts

Measured DC Current: 498 mA

Measured RF Input: 11.3 mW

800MHz DIGITAL MODE:
In Digital Mode the values measured for RF Output, DC Current and RF Input Power are all average values which reflect the 1/3 duty cycle of TDMA operation.

Measured RF Output: 0.568 Watts

Measured DC Voltage: 3.6 Volts

Measured DC Current: 273 mA

Measured RF Input: 14.3 mW

1900MHz DIGITAL MODE:
In Digital Mode the values measured for RF Output, DC Current and RF Input Power are all average values which reflect the 1/3 duty cycle of TDMA operation.

Measured RF Output: 0.411 Watts

Measured DC Voltage: 3.6 Volts

Measured DC Current: 223 mA

Measured RF Input: 49.54 mW

ERP:
The input supply to the transmitter was set at 3.6 Volts. Measurements were made relative to a dipole with a known gain of 2.14dB relative to an isotropic source.

ANALOG MODE:	Measured ERP (Relative to Half-Wavelength Dipole):	0.283 Watts
800MHz DIGITAL MODE:	Measured ERP (Relative to a Half-Wavelength Dipole):	0.533 Watts
1900MHz DIGITAL MODE:	Measured EIRP (Relative to an Isotropic Source):	1.030 Watts