

PAGE NO. 10 of 72. AMENDED April 10, 2000

NAME OF TEST: R. F. Power Output

SPECIFICATION: 47 CFR 2.1046(a)

GUIDE: As indicated on page 7

TEST EQUIPMENT: As per attached page

MEASUREMENT PROCEDURE (RADIATED)

1. The EUT was placed on an open-field site and its radiated field strength at a known distance was measured by means of a spectrum analyzer. Equivalent loading was calculated from the equation $P_t = ((E \times R)^2 / 49.2)$ watts for ERP, and $P_t = ((E \times R)^2 / 30)$ watts for EIRP when $R = 3m$.
2. Measurement accuracy is ± 1 dB.

MEASUREMENT RESULTS

g0040112: 2000-Apr-07 Fri 14:06:00

STATE: 2:High Power Amps @ 1.5M

FREQUENCY TUNED, MHz	FREQUENCY EMISSION, MHz	METER, dBuV/m	CF, dB	ERP, dBm	Conducted
836.400000	824.040000	88.39	29.98	21	21.7
836.400000	836.400000	88.28	30.01	20.9	21.5
836.400000	848.963000	88.56	30.04	21.2	21.2

g0040111: 2000-Apr-07 Fri 13:26:00

STATE: 2:High Power 800 MHz TDMA @

FREQUENCY TUNED, MHz	FREQUENCY EMISSION, MHz	METER, dBuV/m	CF, dB	ERP, dBm	Conducted
824.040000	824.055000	91.54	29.98	24.1	26.1
836.400000	836.400000	92.14	30.01	24.8	25.8
848.970000	848.988000	91.68	30.04	24.3	25.7

g0040113: 2000-Apr-07 Fri 14:44:00

STATE: 2:High Power 1900 MHz TDMA @

FREQUENCY TUNED, MHz	FREQUENCY EMISSION, MHz	METER, dBuV/m	CF, dB	EIRP, dBm	Conducted
1850.040000	1850.055000	80.23	40.69	25.7	25.7
1879.980000	1880.000000	80.68	40.99	26.4	24.3
1909.920000	1909.935000	79.07	41.27	25.1	24.5