

PAGE NO. 10 of 72. AMENDED November 22, 2000

NAME OF TEST: R. F. Power Output (Radiated)

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 equations $P_t = ((E \times R)^2 / 49.2)$ ERP watts and $P_t = ((E \times R)^2 / 30)$ EIRP watts, where $R = 3m$.
2. Measurement accuracy is ± 1.5 dB.

MEASUREMENT RESULTS

g00a0213: 2000-Oct-12 Thu 09:18:00

STATE: 2:High Power Amps

FREQUENCY TUNED, MHz	FREQUENCY EMISSION, MHz	METER, dBuV/m	CF, dB	ERP, Watts
824.040000	824.040000	92.96	29.58	0.328
836.400000	836.400000	92.11	29.61	0.272
848.970000	848.970000	92.27	29.64	0.284

g00a0214: 2000-Oct-12 Thu 11:49:00

STATE: 1:High Power Amps-TDMA

FREQUENCY TUNED, MHz	FREQUENCY EMISSION, MHz	METER, dBuV	CF, dB	ERP, Watts
824.040000	824.040000	96.66	29.58	0.770
836.400000	836.393000	96.11	29.61	0.683
848.970000	848.978000	95.05	29.64	0.539

g00a0215: 2000-Oct-12 Thu 12:05:00

STATE: 2:High Power PCS-TDMA

FREQUENCY TUNED, MHz	FREQUENCY EMISSION, MHz	METER, dBuV	CF, dB	EIRP, Watts
1850.04	1850.068000	81.29	40.37	0.440
1879.98	1880.005000	80.08	40.6	0.351
1909.92	1909.925000	79.38	40.83	0.315