- 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 $P_t = ((E \ x \ R)^2/49.2)$ watts for ERP, and $P_t = ((E \ x \ R)^2/30)$ 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

SIAID. Z.IIIGII	FOWEL Amps @ I.	514			
FREQUENCY	FREQUENCY	METER,	CF,	ERP,	Conducted
TUNED, MHz	EMISSION, MHz	dBuV/m	dB	dBm	
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 T	DMA @			
FREQUENCY	FREQUENCY	METER,	CF,	ERP,	Conducted
TUNED, MHz	EMISSION, MHz	dBuV/m	dB	dBm	
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

SIAIE: Z:HIYI	POWEL 1900 MHZ	IDMA @			
FREQUENCY	FREQUENCY	METER,	CF,	EIRP,	Conducted
TUNED, MHz	EMISSION, MHz	dBuV/m	dB	dBm	
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