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

SPECIFICATION: 47 CFR 2.1046(a)

GUIDE: ETIA/EIA/IS-137-A-1996

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, where $R = 3m$.
2. Measurement accuracy is ± 1.5 dB.

MEASUREMENT RESULTS

FREQUENCY TUNED, MHz	FREQUENCY EMISSION, MHz	METER, dBuV/m	CF, dB	uV/m @ 3m	ERP, dBm	ERP, Watts
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STATE: 1:Low Power AMPS MODE g9930182: 1999-Mar-22 Mon 10:50:00

824.040000	824.038000	73.01	30.66	152580.84	6.25	0.004
836.400000	836.398000	72.04	30.69	136930.44	5.35	0.003
848.970000	848.968000	71.43	30.73	128233.06	4.75	0.003

STATE: 1:Low Power AMPS-TDMA g9930184: 1999-Mar-22 Mon 13:20:00

824.040000	824.050000	61.80	30.66	41975.9	-4.95	0.0003
836.400000	836.410000	63.97	30.69	54075.43	-2.75	0.0005
848.970000	848.975000	64.24	30.73	56040.24	-2.45	0.0006

STATE: 2:High Power AMPS MODE g9930181: 1999-Mar-22 Mon 09:40:00

824.040000	824.038000	94.92	30.66	1901078.28	28.25	0.66
836.400000	836.398000	93.99	30.69	1713957.31	27.35	0.54
848.970000	848.968000	92.61	30.73	1468926.28	25.95	0.40

STATE: 2:High Power AMPS-TDMA g9930183: 1999-Mar-22 Mon 11:31:00

824.040000	824.028000	93.31	30.66	1579428.61	26.55	0.46
836.400000	836.403000	93.55	30.69	1629296.03	26.85	0.49
848.970000	848.983000	93.64	30.73	1653864.78	26.95	0.50

FREQUENCY TUNED, MHz	FREQUENCY EMISSION, MHz	METER, dBuV/m	CF, dB	uV/m @ 3m	EIRP, dBm	EIRP, Watts
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STATE: 1:Low Power PCS-TDMA g9930192: 1999-Mar-23 Tue 08:20:00

1850.040000	1850.055000	64.7	31.67	65841.54	1.1	0.0013
1879.980000	1879.980000	59.67	31.24	35115.59	-4.3	0.0004
1909.920000	1909.925000	56.49	31.25	24378.11	-7.5	0.0002

STATE: 2:High Power PCS-TDMA g9930191: 1999-Mar-22 Mon 13:37:00

1850.040000	1850.038000	90.81	31.67	1330454.42	27.3	0.54
1879.980000	1879.980000	92	31.24	1452111.62	28.0	0.63
1909.920000	1909.935000	91.54	31.25	1378795.95	27.6	0.58