TEST SAMPLE: Pulsed RF Transmitter
FCC ID: B4SKR19A
APPLICANT: X-10 (U.S.A.)
TEST METHOD: Radiated Emissions,
SPECIFICATION: FCC Part 15 Subpart C Para: 15.231.
PERFORMED BY: D. Cortes
DATE: January14,1999

Field Strength - Peak

Frequency MHz	Antenna Position & Distance H / V	EUT Orientation X / Y	Corrected Meter Reading dBuV	Correction Factor dB	Corrected Reading dBuV/M	Converted Reading uV/M	Peak Limit at 3 Meters uV/M
311.6	H-1.8	X	69.2	-3.9	65.3	1840.8	59000
	H-1.1	Y	76.3	-3.9	72.4	4168.7	59000
	H-1.0	Z	73.7	-3.9	69.8	3090.3	59000
	V-1.9	X	75.1	-3.9	71.2	3630.8	59000
	V-1.0	Y	55.1	-3.9	51.2	363.1	59000
	V-1.6	Z	51.2	-3.9	47.3	231.7	59000
623.2	H-1.0	X	44.5	3.3	47.8	245.5	5900
	H-1.0	Y	47.2	3.3	50.5	335.0	5900
	H-1.0	Z	41.5	3.3	44.8	173.8	5900
	V-1.5	X	43.4	3.3	46.7	216.3	5900
	V-1.1	Y	36.9	3.3	40.2	102.3	5900
	V-1.2	Z	36.5	3.3	39.8	97.7	5900
934.8	H-1.0	X	38.4	7.7	46.1	201.8	5900
	H-1.2	Y	41.4	7.7	49.1	285.1	5900
	H-1.0	Z	38.0	7.7	45.7	192.8	5900
	V-1.0	X	41.0	7.7	48.7	272.3	5900
	V-1.1	Y	31.4	7.7	39.1	90.2	5900
	V-1.1	Z	35.2	7.7	42.9	139.6	5900

1246.6.	H-1.0	X*	42.1	-3.9	38.2	81.3	5900
	H-1.0	Y*	42.1	-3.9	38.2	81.3	5900
	H-1.0	Z*	42.1	-3.9	38.2	81.3	5900
	V-1.0	X*	42.1	-3.9	38.2	81.3	5900
	V-1.0	Y*	42.1	-3.9	38.2	81.3	5900
	V-1.0	Z*	42.1	-3.9	38.2	81.3	5900
1558.2	H-1.0	X*	41.6	-0.3	41.3	116.1	5000
	H-1.0	Y*	41.6	-0.3	41.3	116.1	5000
	H-1.0	Z*	41.6	-0.3	41.3	116.1	5000
	V-1.0	X*	41.6	-0.3	41.3	116.1	5000
	V-1.0	Y*	41.6	-0.3	41.3	116.1	5000
	V-1.0	Z*	41.6	-0.3	41.3	116.1	5000
1869.8	H-1.0	X*	42.0	1.6	43.6	151.4	5900
	H-1.0	Y*	42.0	1.6	43.6	151.4	5900
	H-1.0	Z*	42.0	1.6	43.6	151.4	5900
	V-1.0	X*	42.0	1.6	43.6	151.4	5900
	V-1.0	Y*	42.0	1.6	43.6	151.4	5900
	V-1.0	Z*	42.0	1.6	43.6	151.4	5900
2181.4	H-1.0	X*	41.5	-1.3	40.2	102.3	5900
	H-1.0	Y*	41.5	-1.3	40.2	102.3	5900
	H-1.0	Z*	41.5	-1.3	40.2	102.3	5900
	V-1.0	X*	41.5	-1.3	40.2	102.3	5900
	V-1.0	Y*	41.5	-1.3	40.2	102.3	5900
	V-1.0	Z*	41.5	-1.3	40.2	102.3	5900
2493	H-1.0	X*	41.6	0.1	41.7	121.6	5000
	H-1.0	Y*	41.6	0.1	41.7	121.6	5000

	H-1.0	Z*	41.6	0.1	41.7	121.6	5000
	V-1.0	X*	41.6	0.1	41.7	121.6	5000
	V-1.0	Y*	41.6	0.1	41.7	121.6	5000
	V-1.0	Z*	41.6	0.1	41.7	121.6	5000
2804.6	H-1.0	X*	40.6	1.4	42.0	125.9	5000
	H-1.0	Y*	40.6	1.4	42.0	125.9	5000
	H-1.0	Z*	40.6	1.4	42.0	125.9	5000
	V-1.0	X*	40.6	1.4	42.0	125.9	5000
	V-1.0	Y*	40.6	1.4	42.0	125.9	5000
	V-1.0	Z*	40.6	1.4	42.0	125.9	5000
3116.2	H-1.0	X*	41.6	3.5	45.1	179.9	5900
	H-1.0	Y*	41.6	3.5	45.1	179.9	5900
	H-1.0	Z*	41.6	3.5	45.1	179.9	5900
	V-1.0	X*	41.6	3.5	45.1	179.9	5900
	V-1.0	Y*	41.6	3.5	45.1	179.9	5900
	V-1.0	Z*	41.6	3.5	45.1	179.9	5900

Field Strength - Average

Frequency MHz	Antenna Position & Distance H / V	EUT Orientation X / Y	Peak Corrected Reading dBuV	Duty Cycle Correction Factor dB	Corrected Average Reading dBuV/M	Converted Average Reading uV/M	Peak Limit at 3 Meters uV/M
311.6	H-1.8	X	65.3	-8.9	56.4	660.7	5900
	H-1.1	Y	72.4	-8.9	63.5	1496.2	5900
	H-1.0	Z	69.8	-8.9	60.9	1109.2	5900
	V-1.9	X	71.2	-8.9	62.3	1303.2	5900
	V-1.0	Y	51.2	-8.9	42.3	130.3	5900
	V-1.6	Z	47.3	-8.9	38.4	83.2	5900

623.2	H-1.0	X	47.8	-8.9	38.9	88.1	590
	H-1.0	Y	50.5	-8.9	41.6	120.2	590
	H-1.0	Z	44.8	-8.9	35.9	62.4	590
	V-1.5	X	46.7	-8.9	37.8	77.6	590
	V-1.1	Y	40.2	-8.9	31.3	36.7	590
	V-1.2	Z	39.8	-8.9	30.9	35.1	590
934.8	H-1.0	X	46.1	-8.9	37.2	72.4	590
	H-1.2	Y	49.1	-8.9	40.2	102.3	590
	H-1.0	Z	45.7	-8.9	36.8	69.2	590
	V-1.0	X	48.7	-8.9	39.8	97.7	590
	V-1.1	Y	39.1	-8.9	30.2	32.4	590
	V-1.1	Z	42.9	-8.9	34.0	50.1	590
1246.4	H-1.0	X*	38.2	-8.9	29.3	29.2	590
	H-1.0	Y*	38.2	-8.9	29.3	29.2	590
	H-1.0	Z*	38.2	-8.9	29.3	29.2	590
	V-1.0	X*	38.2	-8.9	29.3	29.2	590
	V-1.0	Y*	38.2	-8.9	29.3	29.2	590
	V-1.0	Z*	38.2	-8.9	29.3	29.2	590
1558	H-1.0	X*	41.3	-8.9	32.4	41.7	500
	H-1.0	Y*	41.3	-8.9	32.4	41.7	500
	H-1.0	Z*	41.3	-8.9	32.4	41.7	500
	V-1.0	X*	41.3	-8.9	32.4	41.7	500
	V-1.0	Y*	41.3	-8.9	32.4	41.7	500
	V-1.0	Z*	41.3	-8.9	32.4	41.7	500
1869.6	H-1.0	X*	43.6	-8.9	34.7	54.3	590
	H-1.0	Y*	43.6	-8.9	34.7	54.3	590
	H-1.0	Z*	43.6	-8.9	34.7	54.3	590

	V-1.0	X*	43.6	-8.9	34.7	54.3	590
	V-1.0	Y*	43.6	-8.9	34.7	54.3	590
	V-1.0	Z*	43.6	-8.9	34.7	54.3	590
2181.2	H-1.0	X*	40.2	-8.9	31.3	36.7	590
	H-1.0	Y*	40.2	-8.9	31.3	36.7	590
	H-1.0	Z*	40.2	-8.9	31.3	36.7	590
	V-1.0	X*	40.2	-8.9	31.3	36.7	590
	V-1.0	Y*	40.2	-8.9	31.3	36.7	590
	V-1.0	Z*	40.2	-8.9	31.3	36.7	590
2492.8	H-1.0	X*	41.7	-8.9	32.8	43.7	500
	H-1.0	Y*	41.7	-8.9	32.8	43.7	500
	H-1.0	Z*	41.7	-8.9	32.8	43.7	500
	V-1.0	X*	41.7	-8.9	32.8	43.7	500
	V-1.0	Y*	41.7	-8.9	32.8	43.7	500
	V-1.0	Z*	41.7	-8.9	32.8	43.7	500
2804.4	H-1.0	X*	42.0	-8.9	33.1	45.2	500
	H-1.0	Y*	42.0	-8.9	33.1	45.2	500
	H-1.0	Z*	42.0	-8.9	33.1	45.2	500
	V-1.0	X*	42.0	-8.9	33.1	45.2	500
	V-1.0	Y*	42.0	-8.9	33.1	45.2	500
	V-1.0	Z*	42.0	-8.9	33.1	45.2	500
3116	H-1.0	X*	45.1	-8.9	36.2	64.6	590
	H-1.0	Y*	45.1	-8.9	36.2	64.6	590
	H-1.0	Z*	45.1	-8.9	36.2	64.6	590
	V-1.0	X*	45.1	-8.9	36.2	64.6	590
	V-1.0	Y*	45.1	-8.9	36.2	64.6	590
	V-1.0	Z*	45.1	-8.9	36.2	64.6	590

*=Noise Floor Measurements (Minimum System Sensitivity)