

Test Method:	FCC Part 15 Subpart C Radiated Emissions Paragraph 15.231						
Customer:	X-10 (USA) Inc			Job No.	R-8155-1		
Test Sample:	Pulsed RF Transmitter			FCC ID:	B4SUR47A		
Model No.:	UR47A			Serial No.	N/A		
Operating Mode:	Continuously Transmitter 310 Mhz Signal						
Technician:	Dennis Cortes			Date:	June 31,1999		
Notes:	Test Distance: 3 Meters		Temp: 31C	Humidity:90%			
	Detector: Peak						
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Peak Limit
Mhz	(V/H) / Degrees	X / Y / Z	dBuv	dB	dBuV/m	uV/m	uV/m
310.0	H / 1.0	X	69.7	-4.0	65.7	1927.5	58330
310.0	H / 1.2	Y	82.0	-4.0	78.0	7943.3	58330
310.0	H / 1.0	Z	79.8	-4.0	75.8	6166.0	58330
310.0	V / 1.5	X	80.0	-4.0	76.0	6309.6	58330
310.0	V / 1.3	Y	72.0	-4.0	68.0	2511.9	58330
310.0	V / 1.0	Z	68.0	-4.0	64.0	1584.9	58330
620.0	H / 1.6	X	47.2	3.2	50.4	331.1	5833
620.0	H / 1.1	Y	57.2	3.2	60.4	1047.1	5833
620.0	H / 1.4	Z	57.0	3.2	60.2	1023.3	5833
620.0	V / 1.0	X	60.3	3.2	63.5	1496.2	5833
620.0	V / 1.0	Y	51.6	3.2	54.8	549.5	5833
620.0	V / 1.3	Z	51.4	3.2	54.6	537.0	5833
930.0	H / 1.2	X	32.8	7.4	40.2	102.3	5833
930.0	H / 1.0	Y	35.6	7.4	43.0	141.3	5833
930.0	H / 1.1	Z	33.0	7.4	40.4	104.7	5833
930.0	V / 1.3	X	34.3	7.4	41.7	121.6	5833
930.0	V / 1.2	Y	32.3	7.4	39.7	96.6	5833
930.0	V / 1.0	Z	31.9	7.4	39.3	92.3	5833
1240.0	H & V	X, Y, Z	43.7	-3.8	39.9	*98.9	5000
1550.0	H & V	X,Y, Z	44.3	-0.1	44.2	*162.2	5000
1860.0	H & V	X,Y, Z	44.1	1.6	45.7	*192.8	5833
2170.0	H & V	X,Y, Z	43.4	-1.3	42.1	*127.4	5833
2480.0	H & V	X,Y, Z	43.3	0.1	43.4	*147.9	5833
2790.0	H & V	X,Y, Z	42.5	1.4	43.9	*156.7	5000
3100.0	H & V	X,Y, Z	42.3	3.5	45.8	*195.0	5833
	The frequency range was scanned from 30 Mhz to 3.1 Ghz. All emissions not recorded were more						
	Than 10 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.						
	*=Noise Floor Measurements (Minimum system sensitivity)						

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Model No.:	UR47A				Serial No.	N/A	
Operating Mode:	Continuously Transmitter 310 Mhz Signal						
Technician:	Dennis Cortes				Date:	June 31,1999	
Notes:	Test Distance: 3 Meters Duty Cycle: 31.2% Detector: Peak Duty Cycle Correction: -10.1 dB						
Test Freq.	Antenna Pol./Height	EUT Orientation	Peak Reading	Correction Factor	Corrected Reading	Converted Reading	Peak Limit
Mhz	(V/H) / Degrees	X / Y / Z	dBuv	dB	dBuV/m	uV/m	uV/m
310.0	H / 1.0	X	65.7	-10.1	55.6	602.6	5833
310.0	H / 1.2	Y	78.0	-10.1	67.9	2483.1	5833
310.0	H / 1.0	Z	75.8	-10.1	65.7	1927.5	5833
310.0	V / 1.5	X	76.0	-10.1	65.9	1972.4	5833
310.0	V / 1.3	Y	68.0	-10.1	57.9	785.2	5833
310.0	V / 1.0	Z	64.0	-10.1	53.9	495.5	5833
620.0	H / 1.6	X	50.4	-10.1	40.3	103.5	583
620.0	H / 1.1	Y	60.4	-10.1	50.3	327.3	583
620.0	H / 1.4	Z	60.2	-10.1	50.1	319.9	583
620.0	V / 1.0	X	63.5	-10.1	53.4	467.7	583
620.0	V / 1.0	Y	54.8	-10.1	44.7	171.8	583
620.0	V / 1.3	Z	54.6	-10.1	44.5	167.9	583
930.0	H / 1.2	X	40.2	-10.1	30.1	32.0	583
930.0	H / 1.0	Y	43.0	-10.1	32.9	44.2	583
930.0	H / 1.1	Z	40.4	-10.1	30.3	32.7	583
930.0	V / 1.3	X	41.7	-10.1	31.6	38.0	583
930.0	V / 1.2	Y	39.7	-10.1	29.6	30.2	583
930.0	V / 1.0	Z	39.3	-10.1	29.2	28.8	583
1240.0	H & V	X, Y, Z	39.9	-10.1	29.8	*30.9	500
1550.0	H & V	X,Y, Z	44.2	-10.1	34.1	*50.7	500
1860.0	H & V	X,Y, Z	45.7	-10.1	35.6	*60.3	583
2170.0	H & V	X,Y, Z	42.1	-10.1	32.0	*39.8	583
2480.0	H & V	X,Y, Z	43.4	-10.1	33.3	*46.2	583
2790.0	H & V	X,Y, Z	43.9	-10.1	33.8	*49.0	500
3100.0	H & V	X,Y, Z	45.8	-10.1	35.7	*61.0	583
	The frequency range was scanned from 30 Mhz to 3.1 Ghz. All emissions not recorded were more						
	Than 10 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.						
	*=Noise Floor Measurements (Minimum system sensitivity)						

