

Test Method:	FCC Part 15 Subpart C Radiated Emissions Paragraph 15.231						
Customer:	X-10 (USA) Inc				Job No.	R-8506	
Test Sample:	Pulsed RF Transmitter				FCC ID:	B4SUR19A	
Model No.:	UR19A				Serial No.	N/A	
Operating Mode:	Continuously Transmitting a 310 Mhz Signal						
Technician:	P.L.				Date:	April 20, 2000	
Notes:	Test Distance: 3 Meters		Temp: 15C		Humidity:25 %		
	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 / 1.1	X	77.2	-4.0	73.2	4570.9	58330
310.0	H / 2.0	Y	74.9	-4.0	70.9	3507.5	58330
310.0	H / 1.3	Z	71.6	-4.0	67.6	2398.8	58330
310.0	V / 2.0	X	65.6	-4.0	61.6	1202.3	58330
310.0	V / 1.8	Y	78.9	-4.0	74.9	5559.0	58330
310.0	V / 2.5	Z	67.7	-4.0	63.7	1531.1	58330
620.0	H / 1.5	X	52.7	3.0	55.7	609.5	5833
620.0	H / 1.3	Y	46.5	3.0	49.5	298.5	5833
620.0	H / 1.3	Z	51.8	3.0	54.8	549.5	5833
620.0	V / 1.8	X	48.8	3.0	51.8	389.0	5833
620.0	V / 1.8	Y	55.2	3.0	58.2	812.8	5833
620.0	V / 1.0	Z	49.4	3.0	52.4	416.9	5833
930.0	H / 1.0	X	31.0	7.4	38.4	83.2*	5833
930.0	H / 1.0	Y	31.0	7.4	38.4	83.2*	5833
930.0	H / 1.0	Z	31.0	7.4	38.4	83.2*	5833
930.0	V / 1.0	X	31.0	7.4	38.4	83.2*	5833
930.0	V / 1.0	Y	31.0	7.4	38.4	83.2*	5833
930.0	V / 1.0	Z	31.0	7.4	38.4	83.2*	5833
1240.0	H & V	X, Y, Z	41.2	-3.8	37.4	74.1*	5000
1550.0	H & V	X,Y, Z	40.0	-0.1	39.9	98.9*	5000
1860.0	H & V	X,Y, Z	40.0	1.6	41.6	120.2*	5833
2170.0	H & V	X,Y, Z	39.0	-1.3	37.7	76.7*	5833
2480.0	H & V	X,Y, Z	38.0	0.1	38.1	80.4*	5833
2790.0	H & V	X,Y, Z	37.0	1.4	38.4	83.2*	5000
3100.0	H & V	X,Y, Z	39.0	3.5	42.5	133.4*	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.:	UR19A				Serial No.	N/A	
Operating Mode:	Continuously Transmitting a 310 Mhz Signal						
Technician:	P.L.				Date:	April 20, 2000	
Notes:	Test Distance: 3 Meters		Duty Cycle: 29.6%				
	Detector: Peak		Duty Cycle Correction: -10.6 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 / 1.1	X	73.2	-10.6	62.6	1349.0	5833
310.0	H / 2.0	Y	70.9	-10.6	60.3	1035.1	5833
310.0	H / 1.3	Z	67.6	-10.6	57.0	707.9	5833
310.0	V / 2.0	X	61.6	-10.6	51.0	354.8	5833
310.0	V / 1.8	Y	74.9	-10.6	64.3	1640.6	5833
310.0	V / 2.5	Z	63.7	-10.6	53.1	451.9	5833
620.0	H / 1.5	X	55.7	-10.6	45.1	179.9	583
620.0	H / 1.3	Y	49.5	-10.6	38.9	88.1	583
620.0	H / 1.3	Z	54.8	-10.6	44.2	162.2	583
620.0	V / 1.8	X	51.8	-10.6	41.2	114.8	583
620.0	V / 1.8	Y	58.2	-10.6	47.6	239.9	583
620.0	V / 1.0	Z	52.4	-10.6	41.8	123.0	583
930.0	H / 1.0	X	38.4	-10.6	27.8	24.5*	583
930.0	H / 1.0	Y	38.4	-10.6	27.8	24.5*	583
930.0	H / 1.0	Z	38.4	-10.6	27.8	24.5*	583
930.0	V / 1.0	X	38.4	-10.6	27.8	24.5*	583
930.0	V / 1.0	Y	38.4	-10.6	27.8	24.5*	583
930.0	V / 1.0	Z	38.4	-10.6	27.8	24.5*	583
1240.0	H & V	X, Y, Z	37.4	-10.6	26.8	21.9*	500
1550.0	H & V	X,Y, Z	39.9	-10.6	29.3	29.2*	500
1860.0	H & V	X,Y, Z	41.6	-10.6	31	35.5*	583
2170.0	H & V	X,Y, Z	37.7	-10.6	27.1	22.6*	583
2480.0	H & V	X,Y, Z	38.1	-10.6	27.5	23.7*	583
2790.0	H & V	X,Y, Z	38.4	-10.6	27.8	24.5*	500
3100.0	H & V	X,Y, Z	42.5	-10.6	31.9	39.4*	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.						