

Test Method:		FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions					
Customer:		X-10 (USA)			Job No.	R-8676-1	
Test Sample:		RF remote			Paragraph:	15.231	
Model No.:		UR73A			FCC ID:	B4SUR73A	
Operating Mode:		Continuously Transmitting a 310 MHz Signal					
Technician:		Peter Lananna			Date:	September 11, 2000	
Notes:		Test Distance: 3 Meters Detector: Peak, Unless otherwise specified					
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Peak Limit
MHz	(V/H)/Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
310	H / 1.0	X	73.3	-4.0	69.3	2917.4	58300
	H / 1.0	Y	74.0	-4.0	70.0	3162.3	
	H / 1.0	Z	75.3	-4.0	71.3	3672.8	
	V / 1.8	X	73.4	-4.0	69.4	2951.2	
	V / 1.8	Y	74.4	-4.0	70.4	3311.3	
310	V / 1.8	Z	72.7	-4.0	68.7	2722.7	58300
620	H / 1.8	X	42.7	3.9	46.6	213.8	5830
	H / 1.3	Y	55.6	3.9	59.5	944.1	
	H / 1.3	Z	51.5	3.9	55.4	588.8	
	V / 1.8	X	51.9	3.9	55.8	616.6	
	V / 1.3	Y	46.9	3.9	50.8	346.7	
620	V / 1.0	Z	48.8	3.9	52.7	431.5	5830
930	H / 1.0	X	39.0	8.8	47.8	245.5*	5830
	H / 1.0	Y	39.0	8.8	47.8	245.5*	
	H / 1.0	Z	39.0	8.8	47.8	245.5*	
	V / 1.0	X	39.0	8.8	47.8	245.5*	
	V / 1.0	Y	39.0	8.8	47.8	245.5*	
930	V / 1.0	Z	39.0	8.8	47.8	245.5*	5830
1240	H / 1.0	X	40.0	-2.8	37.2	72.4*	5000
	H / 1.0	Y	40.0	-2.8	37.2	72.4*	
	H / 1.0	Z	40.0	-2.8	37.2	72.4*	
	V / 1.0	X	40.0	-2.8	37.2	72.4*	
	V / 1.0	Y	40.0	-2.8	37.2	72.4*	
1240	V / 1.0	Z	40.0	-2.8	37.2	72.4*	5000
1550	H / 1.0	X	40.0	0.9	40.9	110.9*	5000
	H / 1.0	Y	40.0	0.9	40.9	110.9*	
	H / 1.0	Z	40.0	0.9	40.9	110.9*	
	V / 1.0	X	40.0	0.9	40.9	110.9*	
	V / 1.0	Y	40.0	0.9	40.9	110.9*	
1550	V / 1.0	Z	40.0	0.9	40.9	110.9*	5000
	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)						



Retlif Testing Laboratories

Retlif Job Number R-8676-1

Test Method:		FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions						
Customer:		X-10 (USA)			Job No.		R-8676-1	
Test Sample:		RF remote			Paragraph:		15.231	
Model No.:		UR73A			FCC ID:		B4SUR73A	
Operating Mode:		Continuously Transmitting a 310 MHz Signal						
Technician:		Peter Lananna			Date:		September 11, 2000	
Notes:		Test Distance: 3 Meters Detector: Peak, unless otherwise specified						
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Peak Limit	
MHz	(V/H)-Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m	
1860	H / 1.0	X	40.0	3.0	43.0	141.3*	5830	
	H / 1.0	Y	40.0	3.0	43.0	141.3*		
	H / 1.0	Z	40.0	3.0	43.0	141.3*		
	V / 1.0	X	40.0	3.0	43.0	141.3*		
	V / 1.0	Y	40.0	3.0	43.0	141.3*		
1860	V / 1.0	Z	40.0	3.0	43.0	141.3*	5830	
2170	H / 1.0	X	40.0	0.4	40.4	104.7*	5830	
	H / 1.0	Y	40.0	0.4	40.4	104.7*		
	H / 1.0	Z	40.0	0.4	40.4	104.7*		
	V / 1.0	X	40.0	0.4	40.4	104.7*		
	V / 1.0	Y	40.0	0.4	40.4	104.7*		
2170	V / 1.0	Z	40.0	0.4	40.4	104.7*	5830	
2480	H / 1.0	X	40.0	3.8	43.8	154.9*	5830	
	H / 1.0	Y	40.0	3.8	43.8	154.9*		
	H / 1.0	Z	40.0	3.8	43.8	154.9*		
	V / 1.0	X	40.0	3.8	43.8	154.9*		
	V / 1.0	Y	40.0	3.8	43.8	154.9*		
2480	V / 1.0	Z	40.0	3.8	43.8	154.9*	5830	
2790	H / 1.0	X	40.0	5.8	45.8	195.0*	5000	
	H / 1.0	Y	40.0	5.8	45.8	195.0*		
	H / 1.0	Z	40.0	5.8	45.8	195.0*		
	V / 1.0	X	40.0	5.8	45.8	195.0*		
	V / 1.0	Y	40.0	5.8	45.8	195.0*		
2790	V / 1.0	Z	40.0	5.8	45.8	195.0*	5000	
3100	H / 1.0	X	40.0	6.4	46.4	208.9*	5830	
	H / 1.0	Y	40.0	6.4	46.4	208.9*		
	H / 1.0	Z	40.0	6.4	46.4	208.9*		
	V / 1.0	X	40.0	6.4	46.4	208.9*		
	V / 1.0	Y	40.0	6.4	46.4	208.9*		
3100	V / 1.0	Z	40.0	6.4	46.4	208.9*	5830	
	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)							



Retlif Testing Laboratories

Retlif Job Number R-8676-1

Test Method:		FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions						
Customer:		X-10 (USA)			Job No.		R-8676-1	
Test Sample:		RF remote			Paragraph:		15.231	
Model No.:		UR73A			FCC ID:		B4SUR73A	
Operating Mode:		Continuously Transmitting a 310 MHz Signal						
Technician:		Peter Lananna			Date:		September 11, 2000	
Notes:		Test Distance: 3 Meters			Duty Cycle: 30.5%			
		Detector: Peak, unless otherwise specified			Duty Cycle Correction: - 10.3dB			
Test Freq.	Antenna Pol./Height	EUT Orientation	Peak Reading	Correction Factor	Corrected Reading	Converted Reading	Avg. Limit	
MHz	(V/H)-Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m	
310	H / 1.0	X	69.3	-10.3	59.0	891.3	5830	
	H / 1.0	Y	70.0	-10.3	59.7	966.1		
	H / 1.0	Z	71.3	-10.3	61.0	1122.0		
	V / 1.8	X	69.4	-10.3	59.1	901.6		
	V / 1.8	Y	70.4	-10.3	60.1	1011.6		
310	V / 1.8	Z	68.7	-10.3	58.4	831.8	5830	
620	H / 1.8	X	46.6	-10.3	36.3	65.3	583	
	H / 1.3	Y	59.5	-10.3	49.2	288.4		
	H / 1.3	Z	55.4	-10.3	45.1	179.9		
	V / 1.8	X	55.8	-10.3	45.5	188.4		
	V / 1.3	Y	50.8	-10.3	40.5	105.9		
620	V / 1.0	Z	52.7	-10.3	42.4	131.8	583	
930	H / 1.0	X	47.8	-10.3	37.5	75.0*	583	
	H / 1.0	Y	47.8	-10.3	37.5	75.0*		
	H / 1.0	Z	47.8	-10.3	37.5	75.0*		
	V / 1.0	X	47.8	-10.3	37.5	75.0*		
	V / 1.0	Y	47.8	-10.3	37.5	75.0*		
930	V / 1.0	Z	47.8	-10.3	37.5	75.0*	583	
1240	H / 1.0	X	37.2	-10.3	26.9	22.1*	500	
	H / 1.0	Y	37.2	-10.3	26.9	22.1*		
	H / 1.0	Z	37.2	-10.3	26.9	22.1*		
	V / 1.0	X	37.2	-10.3	26.9	22.1*		
	V / 1.0	Y	37.2	-10.3	26.9	22.1*		
1240	V / 1.0	Z	37.2	-10.3	26.9	22.1*	500	
1550	H / 1.0	X	40.9	-10.3	30.6	33.9*	500	
	H / 1.0	Y	40.9	-10.3	30.6	33.9*		
	H / 1.0	Z	40.9	-10.3	30.6	33.9*		
	V / 1.0	X	40.9	-10.3	30.6	33.9*		
	V / 1.0	Y	40.9	-10.3	30.6	33.9*		
1550	V / 1.0	Z	40.9	-10.3	30.6	33.9*	500	
	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)							



Retlif Testing Laboratories

Retlif Job Number R-8676-1

Test Method:		FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions					
Customer:		X-10 (USA)			Job No.		R-8676-1
Test Sample:		RF remote			Paragraph:		15.231
Model No.:		UR73A			FCC ID:		B4SUR73A
Operating Mode:		Continuously Transmitting a 310 MHz Signal					
Technician:		Peter Lananna			Date:		September 11, 2000
Notes:		Test Distance: 3 Meters			Duty Cycle: 30.5%		
		Detector: Peak, unless otherwise specified			Duty Cycle Correction: - 10.3 dB		
Test Freq.	Antenna Pol./Height	EUT Orientation	Peak Reading	Correction Factor	Corrected Reading	Converted Reading	Avg. Limit
MHz	(V/H)-Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
1860	H / 1.0	X	43.0	-10.3	32.7	43.2*	583
	H / 1.0	Y	43.0	-10.3	32.7	43.2*	
	H / 1.0	Z	43.0	-10.3	32.7	43.2*	
	V / 1.0	X	43.0	-10.3	32.7	43.2*	
	V / 1.0	Y	43.0	-10.3	32.7	43.2*	
1860	V / 1.0	Z	43.0	-10.3	32.7	43.2*	583
2170	H / 1.0	X	40.4	-10.3	30.1	32.0*	583
	H / 1.0	Y	40.4	-10.3	30.1	32.0*	
	H / 1.0	Z	40.4	-10.3	30.1	32.0*	
	V / 1.0	X	40.4	-10.3	30.1	32.0*	
	V / 1.0	Y	40.4	-10.3	30.1	32.0*	
2170	V / 1.0	Z	40.4	-10.3	30.1	32.0*	583
2480	H / 1.0	X	43.8	-10.3	33.5	47.3*	583
	H / 1.0	Y	43.8	-10.3	33.5	47.3*	
	H / 1.0	Z	43.8	-10.3	33.5	47.3*	
	V / 1.0	X	43.8	-10.3	33.5	47.3*	
	V / 1.0	Y	43.8	-10.3	33.5	47.3*	
2480	V / 1.0	Z	43.8	-10.3	33.5	47.3*	583
2790	H / 1.0	X	45.8	-10.3	35.5	59.6*	500
	H / 1.0	Y	45.8	-10.3	35.5	59.6*	
	H / 1.0	Z	45.8	-10.3	35.5	59.6*	
	V / 1.0	X	45.8	-10.3	35.5	59.6*	
	V / 1.0	Y	45.8	-10.3	35.5	59.6*	
2790	V / 1.0	Z	45.8	-10.3	35.5	59.6*	500
3100	H / 1.0	X	46.4	-10.3	36.1	63.8*	583
	H / 1.0	Y	46.4	-10.3	36.1	63.8*	
	H / 1.0	Z	46.4	-10.3	36.1	63.8*	
	V / 1.0	X	46.4	-10.3	36.1	63.8*	
	V / 1.0	Y	46.4	-10.3	36.1	63.8*	
3100	V / 1.0	Z	46.4	-10.3	36.1	63.8*	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)						



Retlif Testing Laboratories

Retlif Job Number R-8676-1