

Test Method:	FCC Part 15 Subpart C Radiated Emissions Paragraph 15.231(b)						
Customer:	X-10 (USA) Inc.				Job No.	R-8089-1	
Test Sample:	Pulsed RF Transmitter				FCC ID:	B4SSS13A	
Model No.:	SS13A				Serial No.	N/A	
Operating Mode:	Continuously Transmitter 309.7 Mhz Signal						
Technician:	Dennis Cortes				Date:	May 18,1999	
Notes:	Test Distance: 3 Meters Temp: 23C Humidity:75C 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
309.7	H-1.6	X	57.9	-3.9	54.0	501.2	58330
309.7	H-1.0	Y	57.3	-3.9	53.4	467.7	58330
309.7	H-1.0	Z	62.6	-3.9	58.7	861.0	58330
309.7	V-1.5	X	63.1	-3.9	59.2	912.0	58330
309.7	V-1.2	Y	63.5	-3.9	59.6	955.0	58330
309.7	V-1.4	Z	46.7	-3.9	42.8	138.0	58330
619.4	H-1.4	X	35.8	3.3	39.1	90.2	5833
619.4	H-1.1	Y	34.0	3.3	37.3	73.3	5833
619.4	H-1.4	Z	37.9	3.3	41.2	114.8	5833
619.4	V-1.7	X	41.2	3.3	44.5	167.9	5833
619.4	V-1.8	Y	41.5	3.3	44.8	173.8	5833
619.4	V-1.6	Z	34.2	3.3	37.5	75.0	5833
929.1	H-1.0	X	47.2	7.7	54.9	*555.9	5833
929.1	H-1.0	Y	47.2	7.7	54.9	*555.9	5833
929.1	H-1.0	Z	47.2	7.7	54.9	*555.9	5833
929.1	V-1.0	X	47.2	7.7	54.9	*555.9	5833
929.1	V-1.0	Y	47.2	7.7	54.9	*555.9	5833
929.1	V-1.0	Z	47.2	7.7	54.9	*555.9	5833
1238.8	V + H	X	40.1	-3.9	36.2	*64.6	5833
1548.5	V + H	X	41.6	-0.3	41.3	*116.1	5000
1858.2	V + H	X	42.0	1.6	43.6	*151.4	5833
2167.9	V + H	X	41.5	-1.3	40.2	*102.3	5833
2477.6	V + H	X	41.6	0.1	41.7	*121.6	5833
2787.3	V + H	X	40.6	1.4	42.0	*125.9	5000
3097.0	V + H	X	38.0	3.5	41.5	*118.9	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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Operating Mode:	Continuously Transmitter 309.7 Mhz Signal						
Technician:	Dennis Cortes				Date:	May 18,1999	
Notes:	Test Distance: 3 Meters		Duty Cycle: 28.5.0%				
	Detector: Peak		Duty Cycle Correction: -10.9 dB				
Test Freq.	Antenna Pol./Height	EUT Orientation	Peak Reading	Correction Factor	Corrected Reading	Converted Reading	Average Limit
Mhz	(V/H) / Degrees	X / Y / Z	dBuv	dB	dBuV/m	uV/m	uV/m
309.7	H-1.6	X	54.0	-10.9	43.1	142.9	5833
309.7	H-1.0	Y	53.4	-10.9	42.5	133.4	5833
309.7	H-1.0	Z	58.7	-10.9	47.8	245.5	5833
309.7	V-1.5	X	59.2	-10.9	48.3	260.0	5833
309.7	V-1.2	Y	59.6	-10.9	48.7	272.3	5833
309.7	V-1.4	Z	42.8	-10.9	31.9	39.4	5833
619.4	H-1.4	X	39.1	-10.9	28.2	25.7	583
619.4	H-1.1	Y	37.3	-10.9	26.4	20.9	583
619.4	H-1.4	Z	41.2	-10.9	30.3	32.7	583
619.4	V-1.7	X	44.5	-10.9	33.6	47.9	583
619.4	V-1.8	Y	44.8	-10.9	33.9	49.5	583
619.4	V-1.6	Z	37.5	-10.9	26.6	21.4	583
929.1	H-1.0	X	54.9	-10.9	44.0	*158.5	583
929.1	H-1.0	Y	54.9	-10.9	44.0	*158.5	583
929.1	H-1.0	Z	54.9	-10.9	44.0	*158.5	583
929.1	V-1.0	X	54.9	-10.9	44.0	*158.5	583
929.1	V-1.0	Y	54.9	-10.9	44.0	*158.5	583
929.1	V-1.0	Z	54.9	-10.9	44.0	*158.5	583
1238.8	V + H	X	36.2	-10.9	25.3	*18.4	583
1548.5	V + H	X	41.3	-10.9	30.4	*33.1	500
1858.2	V + H	X	43.6	-10.9	32.7	*43.2	583
2167.9	V + H	X	40.2	-10.9	29.3	*29.2	583
2477.6	V + H	X	41.7	-10.9	30.8	*34.7	583
2787.3	V + H	X	42.0	-10.9	31.1	*35.9	500
3097.0	V + H	X	41.5	-10.9	30.6	*33.9	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.						
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