Test Method:	FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions		
Customer:	X-10 Wireless Technology, Inc.	**Job No.**	R-9851-1
Test Sample:	X-10 Handheld Pulsed RF Transmitter	**Paragraph:**	15.231 (a)
Model No.:	RCU900RF	**FCC ID:**	B4SRCU900RF
Operating Mode:	Continuously Transmitting a 418 MHz Signal		
Technician:	J. Kabacinski	**Date:**	April 3rd, 2003

Notes: Test Distance: 3 Meters Temp: 8.0°C Humidity: 72.0%
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
417.85	H / 1.5	X	84.3	-0.9	83.40	14791.08	103,300
|	H / 1.5	Y	84.8	-0.9	83.90	15667.51	|
|	H / 1.5	Z	76.7	-0.9	75.80	6165.95	|
|	V / 1.0	X	81.3	-0.9	80.40	10471.29	|
|	V / 1.0	Y	79.0	-0.9	78.10	8035.26	|
417.85	V / 1.0	Z	90.2	-0.9	89.30	29174.27	103,300
835.70	H / 1.0	X	48.7	+7.4	56.10	638.26	10,330
|	H / 1.0	Y	49.3	+7.4	56.70	683.91	|
|	H / 2.0	Z	45.9	+7.4	53.30	462.38	|
|	V / 1.0	X	49.1	+7.4	56.50	668.34	|
|	V / 1.0	Y	50.8	+7.4	58.20	812.83	|
835.70	V / 1.0	Z	53.0	+7.4	60.40	1047.13	10,330
1253.55	H / 1.0	X	53.1	-1.1	52.00	398.11	10,330
|	H / 2.0	Y	54.2	-1.1	53.10	451.86	|
|	H / 1.5	Z	54.4	-1.1	53.30	462.38	|
|	V / 1.0	X	54.8	-1.1	53.70	484.17	|
|	V / 1.0	Y	55.2	-1.1	54.10	506.99	|
1253.55	V / 1.0	Z	54.4	-1.1	53.30	462.38	10,330
1671.40	H / 1.0	X	50.5	+3.2	53.70	484.17	5,000
|	H / 1.5	Y	45.3	+3.2	48.50	266.07	|
|	H / 1.5	Z	55.1	+3.2	58.30	822.24	|
|	V / 1.0	X	48.0	+3.2	51.20	363.08	|
|	V / 1.0	Y	48.5	+3.2	51.70	384.59	|
1671.40	V / 1.0	Z	50.8	+3.2	54.00	501.19	5,000
2089.25	H / 1.5	X	57.5	-2.6	54.90	555.90	10,330
|	H / 1.5	Y	56.1	-2.6	53.50	473.15	|
|	H / 1.0	Z	60.1	-2.6	57.50	749.89	|
|	V / 1.5	X	60.0	-2.6	57.40	741.31	|
|	V / 1.0	Y	54.8	-2.6	52.20	407.38	|
2089.25	V / 1.0	Z	55.9	-2.6	53.30	462.38	10,330

The frequency range was scanned from 30 MHz to 4.18 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)

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions		
Customer:	X-10 Wireless Technology, Inc.	**Job No.**	R-9851-1
Test Sample:	X-10 Handheld Pulsed RF Transmitter	**Paragraph:**	15.231 (a)
Model No.:	RCU900RF	**FCC ID:**	B4SRCU900RF
Operating Mode:	Continuously Transmitting a 418 MHz Signal		
Technician:	J. Kabacinski	**Date:**	April 3rd, 2003
Notes:	Test Distance: 3 Meters	Temp: 8.0°C	Humidity: 72.0%
	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
2507.10	H / 1.5	X	65.0	-1.5	63.50	1496.24	10,330
|	H / 1.0	Y	58.5	-1.5	57.00	707.95	|
|	H / 1.0	Z	66.6	-1.5	65.10	1798.87	|
|	V / 1.0	X	58.5	-1.5	57.00	707.95	|
|	V / 1.0	Y	62.0	-1.5	60.50	1059.25	|
2507.10	V / 1.0	Z	58.4	-1.5	56.90	699.84	10,330
2924.95	H / 1.0	X	63.5	+0.3	63.80	1548.82	10,330
|	H / 1.5	Y	61.2	+0.3	61.50	1188.50	|
|	H / 1.0	Z	72.4	+0.3	72.70	4315.19	|
|	V / 1.0	X	60.6	+0.3	60.90	1109.17	|
|	V / 1.5	Y	67.3	+0.3	67.60	2398.83	|
2924.95	V / 1.0	Z	61.3	+0.3	61.60	1202.26	10,330
3342.80	H / 3.0	X	43.6	+0.7	44.30	164.06	10,330
|	H / 2.0	Y	44.0	+0.7	44.70	171.79	|
|	H / 1.0	Z	53.5	+0.7	54.20	512.86	|
|	V / 1.0	X	44.0	+0.7	44.70	171.79	|
|	V / 1.0	Y	45.1	+0.7	45.80	194.98	|
3342.80	V / 1.5	Z	44.7	+0.7	45.40	186.21	10,330
3760.65	H / 2.0	X	48.0	+1.7	49.70	305.49	5,000
|	H / 2.0	Y	45.6	+1.7	47.30	231.74	|
|	H / 1.0	Z	46.9	+1.7	48.60	269.15	|
|	V / 1.5	X	45.0	+1.7	46.70	216.27	|
|	V / 1.0	Y	44.8	+1.7	46.50	211.35	|
3760.65	V / 1.0	Z	46.5	+1.7	48.20	257.04	5,000
4178.50	H / 1.0	X	41.0	+2.7	43.70	*153.11	5,000
|	H / 1.0	Y	41.0	+2.7	43.70	*153.11	|
|	H / 1.5	Z	45.8	+2.7	48.50	266.07	|
|	V / 1.0	X	41.0	+2.7	43.70	*153.11	|
|	V / 1.0	Y	41.0	+2.7	43.70	*153.11	|
4178.50	V / 1.0	Z	44.8	+2.7	47.50	237.14	5,000
	The frequency range was scanned from 30 MHz to 4.18 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)						

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions		
Customer:	X-10 Wireless Technology, Inc.	**Job No.**	R-9851-1
Test Sample:	X-10 Handheld Pulsed RF Transmitter	**Paragraph:**	15.231 (a)
Model No.:	RCU900RF	**FCC ID:**	B4SRCU900RF
Operating Mode:	Continuously Transmitting a 418 MHz Signal		
Technician:	J. Kabacinski	**Date:**	April 3rd, 2003
Notes:	Test Distance: 3 Meters	Duty Cycle: 11.99%	
	Detector: Peak, unless otherwise specified	Duty Cycle Correction: -18.43 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
417.85	H / 1.5	X	83.40	-18.43	64.97	1772.15	10,330
|	H / 1.5	Y	83.90	-18.43	65.47	1877.15	|
|	H / 1.5	Z	75.80	-18.43	57.37	738.75	|
|	V / 1.0	X	80.40	-18.43	61.97	1254.58	|
|	V / 1.0	Y	78.10	-18.43	59.67	962.72	|
417.85	V / 1.0	Z	89.30	-18.43	70.87	3495.43	10,330
835.70	H / 1.0	X	56.10	-18.43	37.67	76.47	1,033
|	H / 1.0	Y	56.70	-18.43	38.27	81.94	|
|	H / 2.0	Z	53.30	-18.43	34.87	55.40	|
|	V / 1.0	X	56.50	-18.43	38.07	80.08	|
|	V / 1.0	Y	58.20	-18.43	39.77	97.39	|
835.70	V / 1.0	Z	60.40	-18.43	41.97	125.46	1,033
1253.55	H / 1.0	X	52.00	-18.43	33.57	47.70	1,033
|	H / 2.0	Y	53.10	-18.43	34.67	54.14	|
|	H / 1.5	Z	53.30	-18.43	34.87	55.40	|
|	V / 1.0	X	53.70	-18.43	35.27	58.01	|
|	V / 1.0	Y	54.10	-18.43	35.67	60.74	|
1253.55	V / 1.0	Z	53.30	-18.43	34.87	55.40	1,033
1671.40	H / 1.0	X	53.70	-18.43	35.27	58.01	500
|	H / 1.5	Y	48.50	-18.43	30.07	31.88	|
|	H / 1.5	Z	58.30	-18.43	39.87	98.51	|
|	V / 1.0	X	51.20	-18.43	32.77	43.50	|
|	V / 1.0	Y	51.70	-18.43	33.27	46.08	|
1671.40	V / 1.0	Z	54.00	-18.43	35.57	60.05	5,0
2089.25	H / 1.5	X	54.90	-18.43	36.47	66.60	1,033
|	H / 1.5	Y	53.50	-18.43	35.07	56.69	|
|	H / 1.0	Z	57.50	-18.43	39.07	89.85	|
|	V / 1.5	X	57.40	-18.43	38.97	88.82	|
|	V / 1.0	Y	52.20	-18.43	33.77	48.81	|
2089.25	V / 1.0	Z	53.30	-18.43	34.87	55.40	1,033
	The frequency range was scanned from 30 MHz to 4.18 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)						

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions		
Customer:	X-10 Wireless Technology, Inc.	**Job No.**	R-9851-1
Test Sample:	X-10 Handheld Pulsed RF Transmitter	**Paragraph:**	15.231 (a)
Model No.:	RCU900RF	**FCC ID:**	B4SRCU900RF
Operating Mode:	Continuously Transmitting a 418 MHz Signal		
Technician:	J. Kabacinski	**Date:**	April 3rd, 2003
Notes:	Test Distance: 3 Meters	Duty Cycle: 11.99%	
	Detector: Peak, unless otherwise specified	Duty Cycle Correction: -18.43 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
2507.10	H / 1.5	X	63.50	-18.43	45.07	179.27	1,033
|	H / 1.0	Y	57.00	-18.43	38.57	84.82	|
|	H / 1.0	Z	65.10	-18.43	46.67	215.53	|
|	V / 1.0	X	57.00	-18.43	38.57	84.82	|
|	V / 1.0	Y	60.50	-18.43	42.07	126.91	|
2507.10	V / 1.0	Z	56.90	-18.43	38.47	83.85	1,033
2924.95	H / 1.0	X	63.80	-18.43	45.37	185.57	1,033
|	H / 1.5	Y	61.50	-18.43	43.07	142.40	|
|	H / 1.0	Z	72.70	-18.43	54.27	517.01	|
|	V / 1.0	X	60.90	-18.43	42.47	132.89	|
|	V / 1.5	Y	67.60	-18.43	49.17	287.41	|
2924.95	V / 1.0	Z	61.60	-18.43	43.17	144.05	1,033
3342.80	H / 3.0	X	44.30	-18.43	25.87	19.66	1,033
|	H / 2.0	Y	44.70	-18.43	26.27	20.58	|
|	H / 1.0	Z	54.20	-18.43	35.77	61.45	|
|	V / 1.0	X	44.70	-18.43	26.27	20.58	|
|	V / 1.0	Y	45.80	-18.43	27.37	23.36	|
3342.80	V / 1.5	Z	45.40	-18.43	26.97	22.31	1,033
3760.65	H / 2.0	X	49.70	-18.43	31.27	36.60	500
|	H / 2.0	Y	47.30	-18.43	28.87	27.77	|
|	H / 1.0	Z	48.60	-18.43	30.17	32.25	|
|	V / 1.5	X	46.70	-18.43	28.27	25.91	|
|	V / 1.0	Y	46.50	-18.43	28.07	25.32	|
3760.65	V / 1.0	Z	48.20	-18.43	29.77	30.80	500
4178.50	H / 1.0	X	43.70	-18.43	25.27	*18.34	500
|	H / 1.0	Y	43.70	-18.43	25.27	*18.34	|
|	H / 1.5	Z	48.50	-18.43	30.07	31.88	|
|	V / 1.0	X	43.70	-18.43	25.27	*18.34	|
|	V / 1.0	Y	43.70	-18.43	25.27	*18.34	|
4178.50	V / 1.0	Z	47.50	-18.43	29.07	28.41	500
	The frequency range was scanned from 30 MHz to 4.18 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)						

Test Method:	FCC Part 15 Subpart C, Spurious Case Radiated Emissions, Paragraph 15.209(a)		
Customer:	X-10 Wireless Technology, Inc.	**Job No.**	R-9851-1
Test Sample:	X-10 Handheld Pulsed RF Transmitter		
Model No.:	RCU900RF	**FCC ID:**	B4SRCU900RF
Operating Mode:	Continuously Transmitting a 418 MHz Signal		
Technician:	J. Kabacinski	**Date:**	April 3rd, 2003

Notes: Test Distance: 3 Meters Temp: 8.0°C Humidity: 72.0%
Detector: Quasi-Peak Below 1 GHz, Peak above 1 GHz

Test Freq.	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	**LIMIT**
MHz	(V/H) / Meters	Degrees	dBuV	dB	dBuV/m	uV/m	uV/m
30.00							100
|							|
|							|
|							|
|							|
|							|
|							|
88.00							100
88.00							150
|							|
|							|
|	**NO EMMISSIONS OBSERVED**						|
|							|
|							|
|							|
|							|
216.00							150
216.00							200
|							|
|							|
|							|
960.00							200
960.00							500
|							|
|							|
|							|
4180.0							500

	The EUT was scanned from 30 MHz to 4.18 GHz
	The emissions observed from the EUT do not exceed the specified limits.
	Emissions not recorded were more than 10dB under the specified limit.

Retlif Testing Laboratories

Retlif Job Number R-9851-1