

Test Method:		FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions					
Customer:		X-10			Job No.	R-9756-1	
Test Sample:		2.4 GHz FM Transmitter			Paragraph:	15.249 (a)	
Model No.:		VT42A			FCC ID:	B4SVT42A	
Operating Mode:		Continuously Transmitting a 2411.0 MHz Signal (CHANNEL A)					
Technician:		J. Kabacinski			Date:	Jan. 29, 2003	
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	Average Limit
MHz	(V/H)/Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
2411.0	H / 1.5	X	91.8	-1.8	90.0	31623	50000
	H / 2.0	Y	82.6		80.8	10965	
	V / 1.5	X	84.6		82.8	13804	
2411.0	V / 1.5	Y	79.8	-1.8	78.0	7943.3	50000
4822.0	H / 1.0	X	44.3	+3.0	47.3	232*	500
	H / 1.0	Y					
	V / 1.0	X					
4822.0	V / 1.0	Y	44.3	+3.0	47.3	232*	
							500
7233.0	H / 1.0	X	39.4	8.4	47.8	246*	500
	H / 1.0	Y					
	V / 1.0	X					
7233.0	V / 1.0	Y	39.4	8.4	47.8	246*	
							500
9644.0	H / 1.0	X	39.3	8.8	48.1	254*	500
	H / 1.0	Y					
	V / 1.0	X					
9644.0	V / 1.0	Y	39.3	8.8	48.1	254*	500
12055.0	H / 1.0	X	37.9	13.6	51.5	376*	500
	H / 1.0	Y					
	V / 1.0	X					
12055.0	V / 1.0	Y	37.9	13.6	51.5	376*	500
The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more than 10 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.							
EUT was pre-scanned at a 10 cm test distance.							
*=Noise Floor Measurements (Minimum system sensitivity)							



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Technician:	J. Kabacinski	Date:	Jan. 29, 2003

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	Average Limit
MHz	(V/H)-Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
14466.0	H / 1.0	X	37.8	5.5	43.3	146*	500
	H / 1.0	Y					
	V / 1.0	X					
14466.0	V / 1.0	Y	37.8	5.5	43.3	146*	500
16877.0	H / 1.0	X	39.2	5.1	44.3	164*	500
	H / 1.0	Y					
	V / 1.0	X					
16877.0	V / 1.0	Y	39.2	5.1	44.3	164*	500
19288.0	H / 1.0	X	30.8	22.9	53.7	484*	500
	H / 1.0	Y					
	V / 1.0	X					
19288.0	V / 1.0	Y	30.8	22.9	53.7	484*	500
21699.0	H / 1.0	X	30.0	23.2	53.2	457*	500
	H / 1.0	Y					
	V / 1.0	X					
21699.0	V / 1.0	Y	30.0	23.2	53.2	457*	500
24110.0	H / 1.0	X	29.3	23.4	52.7	432*	500
	H / 1.0	Y					
	V / 1.0	X					
24110.0	V / 1.0	Y	29.3	23.4	52.7	432*	500

The frequency range was scanned from 30 MHz to 25 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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Model No.:	VT42A				FCC ID:	B4SVT42A	
Operating Mode:	Continuously Transmitting a 2434.0 MHz Signal (CHANNEL B)						
Technician:	J. Kabacinski				Date:	Jan. 29, 2003	
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	Average Limit
MHz	(V/H)/Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
2434.0	H / 1.5	X	90.4	-1.8	88.6	26915	50000
	H / 2.0	Y	82.7		80.9	11092	
	V / 1.5	X	89.3		87.5	23714	
2434.0	V / 1.5	Y	81.8	-1.8	80.0	10000	50000
4868.0	H / 1.0	X	44.3	+3.0	47.3	232*	500
	H / 1.0	Y	44.3				
	V / 1.0	X	44.3				
4868.0	V / 1.0	Y	44.3	+3.0	47.3	232*	500
7302.0	H / 1.0	X	39.4	8.4	47.8	246*	500
	H / 1.0	Y					
	V / 1.0	X					
7302.0	V / 1.0	Y	39.4	8.4	47.8	246*	500
9736.0	H / 1.0	X	39.3	8.8	48.1	254*	500
	H / 1.0	Y					
	V / 1.0	X					
9736.0	V / 1.0	Y	39.3	8.8	48.1	254*	500
12170.0	H / 1.0	X	37.9	13.6	51.5	376*	500
	H / 1.0	Y					
	V / 1.0	X					
12170.0	V / 1.0	Y	37.9	13.6	51.5	376*	500
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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	Average Limit
MHz	(V/H)-Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
14604.0	H / 1.0	X	37.8	5.5	43.3	146*	500
	H / 1.0	Y					
	V / 1.0	X					
14604.0	V / 1.0	Y	37.8	5.5	43.3	146*	500
17038.0	H / 1.0	X	39.2	5.1	44.3	164*	500
	H / 1.0	Y					
	V / 1.0	X					
17038.0	V / 1.0	Y	39.2	5.1	44.3	164*	500
19472.0	H / 1.0	X	30.8	22.9	53.7	484*	500
	H / 1.0	Y					
	V / 1.0	X					
19472.0	V / 1.0	Y	30.8	22.9	53.7	484*	500
21906.0	H / 1.0	X	30.0	23.2	53.2	457*	500
	H / 1.0	Y					
	V / 1.0	X					
21906.0	V / 1.0	Y	30.0	23.2	53.2	457*	500
24340.0	H / 1.0	X	29.3	23.4	52.7	432*	500
	H / 1.0	Y					
	V / 1.0	X					
24340.0	V / 1.0	Y	29.3	23.4	52.7	432*	500
The frequency range was scanned from 30 MHz to 25 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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Model No.:	VT42A				FCC ID:	B4SVT42A	
Operating Mode:	Continuously Transmitting a 2471.0 MHz Signal (CHANNEL D)						
Technician:	J. Kabacinski				Date:	Jan. 29, 2003	
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	Average Limit
MHz	(V/H)/Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
2471.0	H / 1.5	X	84.1	-1.8	82.3	13032	50000
	H / 2.0	Y	78.7		76.9	6998	
	V / 1.5	X	88.7		86.9	22131	
2471.0	V / 1.5	Y	81.3	-1.8	79.5	9441	50000
4942.0	H / 1.0	X	44.3	+3.0	47.3	232*	500
	H / 1.0	Y	44.3				
	V / 1.0	X	44.3				
4942.0	V / 1.0	Y	44.3	+3.0	47.3	232*	500
7413.0	H / 1.0	X	39.4	8.4	47.8	246*	500
	H / 1.0	Y					
	V / 1.0	X					
7413.0	V / 1.0	Y	39.4	8.4	47.8	246*	500
9884.0	H / 1.0	X	39.3	8.8	48.1	254*	500
	H / 1.0	Y					
	V / 1.0	X					
9884.0	V / 1.0	Y	39.3	8.8	48.1	254*	500
12355.0	H / 1.0	X	37.9	13.6	51.5	376*	500
	H / 1.0	Y					
	V / 1.0	X					
12355.0	V / 1.0	Y	37.9	13.6	51.5	376*	500
	The frequency range was scanned from 30 MHz to 25 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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Operating Mode:	Continuously Transmitting a 2471.0 MHz Signal (CHANNEL D)						
Technician:	J. Kabacinski				Date:	Jan. 29, 2003	
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	Average Limit
MHz	(V/H)-Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
14826.0	H / 1.0	X	37.8	5.5	43.3	146*	500
	H / 1.0	Y					
	V / 1.0	X					
14826.0	V / 1.0	Y	37.8	5.5	43.3	146*	500
17297.0	H / 1.0	X	39.2	5.1	44.3	164*	500
	H / 1.0	Y					
	V / 1.0	X					
17297.0	V / 1.0	Y	39.2	5.1	44.3	164*	500
19768.0	H / 1.0	X	30.8	22.9	53.7	484*	500
	H / 1.0	Y					
	V / 1.0	X					
19768.0	V / 1.0	Y	30.8	22.9	53.7	484*	500
22239.0	H / 1.0	X	30.0	23.2	53.2	457*	500
	H / 1.0	Y					
	V / 1.0	X					
22239.0	V / 1.0	Y	30.0	23.2	53.2	457*	500
24710.0	H / 1.0	X	29.3	23.4	52.7	432*	500
	H / 1.0	Y					
	V / 1.0	X					
24710.0	V / 1.0	Y	29.3	23.4	52.7	432*	500
The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more than 10 dB below the specified limit. Emissions from the EUT do not exceed the specified limits. EUT was pre-scanned at a 10 cm test distance. *=Noise Floor Measurements (Minimum system sensitivity)							



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