


# EXHIBIT M – Spurious Radiation Data

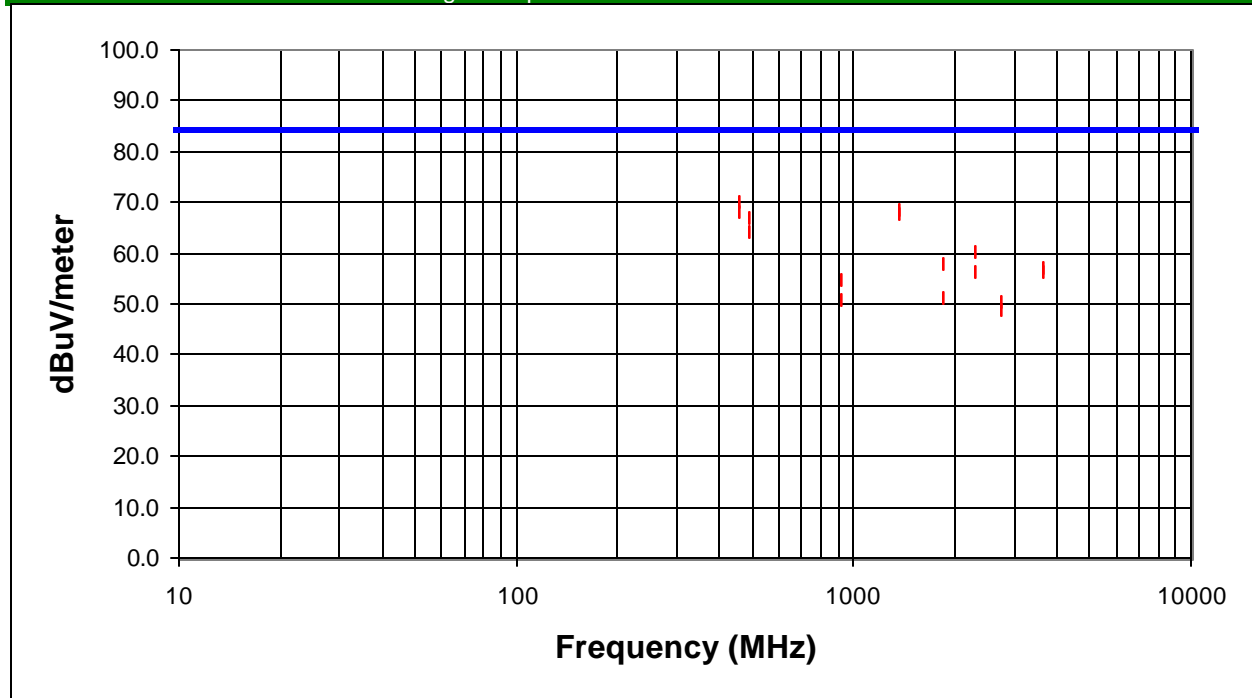
FCC ID# NMEAVTS1020

**Northwest EMC, Inc., Radiated Emissions Data Sheets**

Rev 3.4  
10/11/00

EUT: <b>Alarm View Transmitter</b>	Serial Number: <b>101116</b>	Job Number: <b>DATC0005</b>	Date: <b>12/06/00</b>
Manufacturer: <b>Data Critical Corporation</b>	Test Engineer: <b>Rod Peloquin</b>	Job Site: <b>EV01</b>	
Test Method: <b>TIA/EIA 603, Section 2.2.12</b>	Specification Limit: <b>47 CFR 90.210(c)</b>	Power: <b>120V, 60Hz</b>	
Sample Calculation: Adjusted Level (dBuV/m) = Meter Reading (dBuV) + Antenna Factor (dB/m) - Preamp Gain (dB) + Cable Loss (dB) For example: 70.2 dBuV/m = 81.4 dBuV + 17.1 dB/m - 29.5 dB + 1.2 dB			
Comments: <b>AlarmView transmitting at mid band into 50 ohm load</b>			
		Temperature (°C): <b>22</b>	% Humidity: <b>33</b>

**Field Strength of Spurious Radiation at 3 meter Distance**



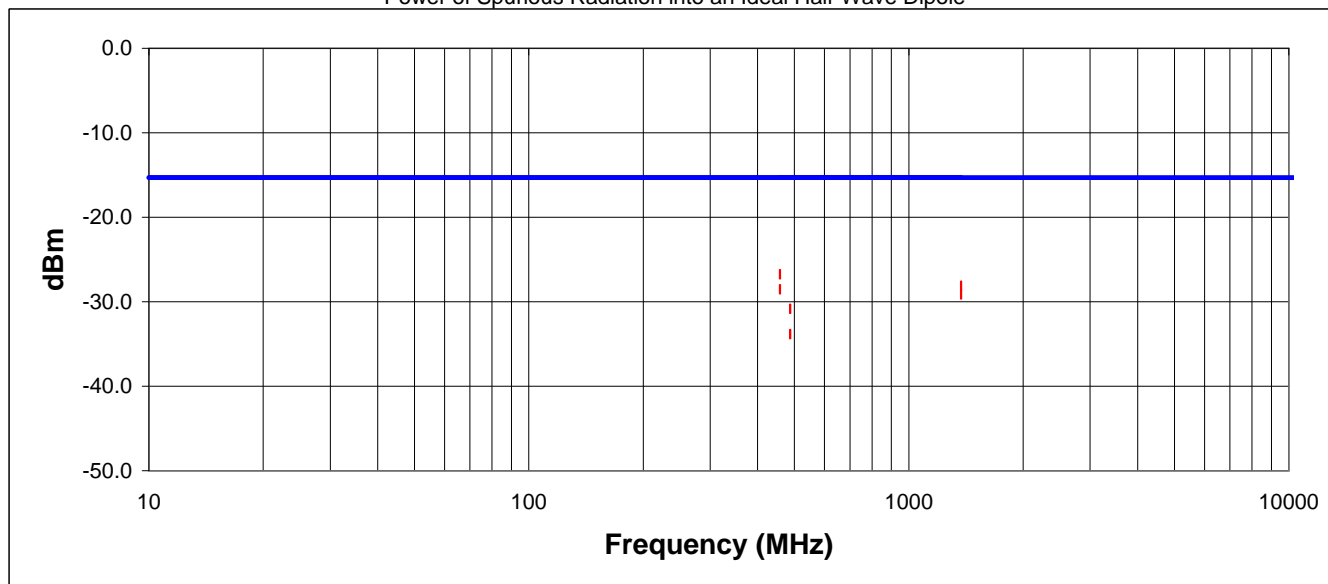
Frequency (MHz)	Meter Reading (dBuV)	Detector	Antenna Factor (dB/m)	Antenna Polarity	Preamp Gain (dB)	Cable Loss (dB)	Table Azimuth (degrees)	Antenna Height (meters)	Adjusted Level (dBuV/m)	Spec. Limit (dBuV/m)	Margin (dB)
457.000	81.4	PK	17.1	HBLG	29.5	1.2	224.0	2.0	70.2	84.3	-14.1
1371.000	76.4	PK	24.3	VHRN	34.4	2.2	243.0	1.2	68.5	84.3	-15.8
457.000	79.5	PK	17.1	VBLG	29.5	1.2	211.0	2.3	68.3	84.3	-16.1
1371.000	75.8	PK	24.3	HHRN	34.4	2.2	224.0	1.4	67.9	84.3	-16.4
486.596	77.8	PK	17.7	HBLG	29.8	1.2	110.0	1.8	66.9	84.3	-17.4
486.648	75.2	PK	17.7	VBLG	29.8	1.2	201.0	2.0	64.3	84.3	-20.1
2285.000	64.2	PK	27.5	VHRN	34.0	2.6	173.0	1.2	60.3	84.3	-24.1
1828.000	63.5	PK	26.2	VHRN	34.1	2.4	188.0	1.2	58.0	84.3	-26.3
3656.000	55.6	PK	32.0	VHRN	34.2	3.6	136.0	1.6	57.0	84.3	-27.3
3656.000	55.0	PK	32.0	HHRN	34.2	3.6	154.0	1.6	56.4	84.3	-28.0
2285.000	60.1	PK	27.5	HHRN	34.0	2.6	185.0	1.1	56.2	84.3	-28.1
914.000	60.1	PK	23.4	HBLG	30.6	1.7	113.0	1.0	54.6	84.3	-29.8
1828.000	56.6	PK	26.2	HHRN	34.1	2.4	78.0	1.5	51.1	84.3	-33.2
914.000	56.3	PK	23.4	VBLG	30.6	1.7	111.0	1.4	50.8	84.3	-33.5
2742.000	52.2	PK	29.0	VHRN	33.9	3.0	191.0	1.2	50.3	84.3	-34.0
2742.000	50.8	PK	29.0	HHRN	33.9	3.0	128.0	2.3	48.9	84.3	-35.5

## Northwest EMC, Inc., Radiated Emissions Data Sheets

Rev 3.2  
10/06/99

EUT: <b>Alarm View Transmitter</b>	Serial Number: <b>101116</b>	Job Number: <b>DATC0005</b>	Date: <b>12/06/00</b>
Manufacturer: <b>Data Critical Corporation</b>	Test Engineer: <b>Rod Peloquin</b>	Job Site: <b>EV01</b>	
Test Method: <b>TIA/EIA 603, Section 2.2.12</b>	Specification Limit: <b>47 CFR 90.210(c)</b>	Power: <b>120V, 60Hz</b>	
Comments: <b>AlarmView transmitting at mid band into 50 ohm load</b>			
Sample Calculation: Power into an Ideal Half-Wave Dipole (dBm) = Signal Generator Output (dBm) + Cable Loss of Transmit Coax (dB) + Transmit Antenna Gain(dB <sub>ideal dipole</sub> ) For example: -28.1 dBm = -33.5 dBm + 1.2 dB + 4.2 (dB <sub>ideal dipole</sub> )			
<i>Rod Peloquin</i>		Temperature (°C): <b>22</b>	% Humidity: <b>33.0</b>

Power of Spurious Radiation into an Ideal Half-Wave Dipole



Frequency (MHz)	Spectrum Analyzer Reading (dBuV)	Detector	Antenna Polarity	Measurement Antenna Height (meters)	Signal Generator Output (dBm)	Cable Loss of Transmit Coax (dB)	Transmit Antenna Gain (dBi)	Transmit Antenna Gain (dB <sub>ideal dipole</sub> )	Conducted Power of Fundamental (W)	Power into an Ideal Half-Wave Dipole (dBm)	Spec. Limit (dBm)	Margin (dB)
457.000	81.4	Peak	Horiz	2.1	-26.7	0.7	1.4	-0.7	0.555	-26.7	-15.3	-11.4
1371.000	76.4	Peak	Vert	1.2	-33.5	1.2	6.3	4.2	0.555	-28.1	-15.3	-12.8
457.000	79.5	Peak	Vert	1.0	-28.5	0.7	1.4	-0.7	0.555	-28.5	-15.3	-13.2
1371.000	75.8	Peak	Horiz	1.5	-34.5	1.2	6.3	4.2	0.555	-29.1	-15.3	-13.8
486.596	77.8	Peak	Horiz	2.0	-30.9	0.7	1.5	-0.6	0.555	-30.8	-15.3	-15.5
486.648	75.2	Peak	Vert	1.1	-33.9	0.7	1.5	-0.6	0.555	-33.8	-15.3	-18.5