

EXHIBIT N – Frequency Stability Data

FCC ID# NMEAVTS1010

Northwest EMC, Inc., Frequency Stability Data Sheets

Rev 3.2
10/06/99

EUT: Alarm View Transmitter	Serial Number:	Job Number: DATC0004	Date: 04/04/00
Manufacturer: Data Critical Corporation	Test Engineer: Greg Kiemel	Job Site: EV Temperature Chamber	
Customer Reference Number:	Software:	Power: 120V, 60Hz (nominal)	
Comments: Transmitting mid band.			
		Temperature (°C): 21	% Humidity: 45.0

Frequency Stability with Variation of Ambient Temperature (Primary Supply = 120V, 60Hz)

Temp (°C)	Assigned Frequency (MHz)	Measured Frequency (MHz)	Tolerance (ppm)	Specification (ppm)
-30	460.00000	459.999630	0.80	5
-20	460.00000	459.999585	0.90	5
-10	460.00000	459.999655	0.75	5
0	460.00000	459.999570	0.93	5
10	460.00000	459.999515	1.05	5
20	460.00000	459.999530	1.02	5
30	460.00000	459.999555	0.97	5
40	460.00000	459.999515	1.05	5
50	460.00000	459.999365	1.38	5

Frequency Stability with Variation of Primary Supply Voltage (Ambient Temperature = 25°C)

Voltage (VAC, 60Hz)	Assigned Frequency (MHz)	Measured Frequency (MHz)	Tolerance (ppm)	Specification (ppm)
138 (115%)	460.000000	459.999600	0.87	5
132 (110%)	460.000000	459.999595	0.88	5
126 (105%)	460.000000	459.999592	0.89	5
120 (100%)	460.000000	459.999582	0.91	5
114 (95%)	460.000000	459.999602	0.87	5
108 (90%)	460.000000	459.999607	0.85	5
102 (85%)	460.000000	459.999605	0.86	5

Frequency Stability with Variation of Battery Voltage (Ambient Temperature = 25°C)

Voltage (VDC)	Assigned Frequency (MHz)	Measured Frequency (MHz)	Tolerance (ppm)	Specification (ppm)
11.04 (115%)	460.000000	459.999625	0.82	5
10.56 (110%)	460.000000	459.999620	0.83	5
10.08 (105%)	460.000000	459.999607	0.85	5
9.6 (100%)	460.000000	459.999602	0.87	5
9.12 (95%)	460.000000	459.999630	0.80	5
8.64 (90%)	460.000000	459.999640	0.78	5
8.16 (85%)	460.000000	459.999650	0.76	5
8.68 (end point)	460.000000	459.999627	0.81	5