

EXHIBIT N – Frequency Stability Data

FCC ID# NMEAVTS1000

Northwest EMC, Inc., Frequency Stability Data Sheets

Rev 3.2
10/06/99

EUT: Alarm View Transmitter	Serial Number:	Job Number: DATC0001	Date: 12/21/99
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	460.486205	460.485725	-1.04	5
-20	460.486205	460.485660	-1.18	5
-10	460.486205	460.485655	-1.19	5
0	460.486205	460.485765	-0.96	5
10	460.486205	460.485900	-0.66	5
20	460.486205	460.486205	0.00	5
30	460.486205	460.486495	0.63	5
40	460.486205	460.486765	1.22	5
50	460.486205	460.486790	1.27	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%)	460.486205	460.486570	0.79	5
132 (110%)	460.486205	460.486550	0.75	5
126 (105%)	460.486205	460.486535	0.72	5
120 (100%)	460.486205	460.486520	0.68	5
114 (95%)	460.486205	460.486575	0.80	5
108 (90%)	460.486205	460.486585	0.83	5
102 (85%)	460.486205	460.486585	0.83	5

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10/06/99

EUT: Alarm View Transmitter	Serial Number: 5.25" Prototype	Job Number: DATC0001	Date: 01/05/00
Manufacturer: Data Critical Corporation	Test Engineer: Greg Kiemel	Job Site: EV07	
Customer Reference Number:	Software:	Power: 9.6 VDC (nominal)	
Comments: Transmitting mid band.			
		Temperature (°C): 21	% Humidity: 45.0

Frequency Stability with Variation of Battery Voltage (Ambient Temperature = 21°C)

Voltage (VDC)	Assigned Frequency (MHz)	Measured Frequency (MHz)	Tolerance (ppm)	Specification (ppm)
11.04 (115%)	464.499249	464.499267	0.04	5
10.56 (110%)	464.499249	464.499264	0.03	5
10.08 (105%)	464.499249	464.499264	0.03	5
9.6 (100%)	464.499249	464.499249	0.00	5
9.12 (95%)	464.499249	464.499249	0.00	5
8.64 (90%)	464.499249	464.499257	0.02	5
8.16 (85%)	464.499249	464.499259	0.02	5
8.68 (end point)	464.499249	464.499249	0.00	5