

Rev 3.3  
10/09/99

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

EUT: <b>TR100</b>	Serial Number: <b>9919008.0</b>	Job Number: <b>OTEK0001</b>	Date: <b>02/25/00</b>
Manufacturer: <b>OTEK Corporation</b>	Test Engineer: <b>Greg Kiemel</b>	Job Site: <b>EV01</b>	
Customer Reference Number:	Software: <b>Application Specific</b>	Power:	

Comments: **Powered at +5VDC. Transmitting CW. Unit in case with mini-whip antenna. R1 changed to 22k, and R21 changed to 7.5k**

<i>Greg Kiemel</i>	Temperature (°C): <b>21</b>	% Humidity: <b>35.0</b>
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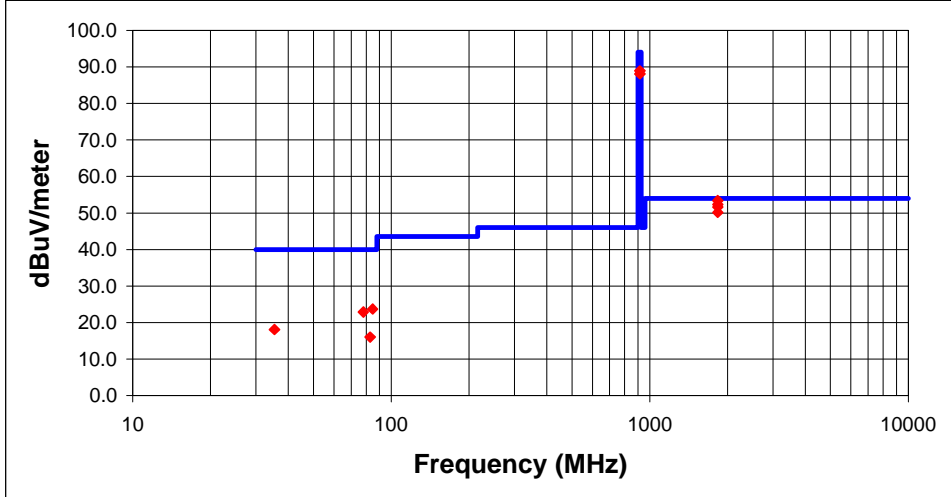
**Test System**

EUT		

**Test Equipment**

AAL	AXE	AQF	ADE	
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FCC 15.249 Radiated Emissions Limits 902 - 928 Band (3 Meters)



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)
1832.895	55.5	PK	28.6	VHRN	33.1	2.4	325.0	1.3	53.4	54.0	-0.6
1832.895	54.5	PK	28.6	HHRN	33.1	2.4	44.0	1.5	52.4	54.0	-1.7
1832.895	53.8	AV	28.6	VHRN	33.1	2.4	325.0	1.3	51.7	54.0	-2.4
1832.895	52.3	AV	28.6	HHRN	33.1	2.4	44.0	1.5	50.2	54.0	-3.9
916.501	63.8	QP	23.4	HLP A	0.0	1.7	351.0	1.0	88.9	94.0	-5.1
916.500	63.0	QP	23.4	VLPA	0.0	1.7	81.0	1.4	88.1	94.0	-5.9
84.653	45.2	PK	9.4	VBIC	31.5	0.6	171.0	1.5	23.7	40.0	-16.3
77.966	44.8	PK	9.0	VBIC	31.5	0.6	231.0	1.5	22.9	40.0	-17.1
35.340	39.5	PK	9.9	VBIC	31.7	0.4	221.0	1.5	18.1	40.0	-21.9
82.933	37.5	PK	9.4	VBIC	31.5	0.6	246.0	2.8	16.0	40.0	-24.0