EXHIBIT E – AC Powerline Conducted Emissions Data

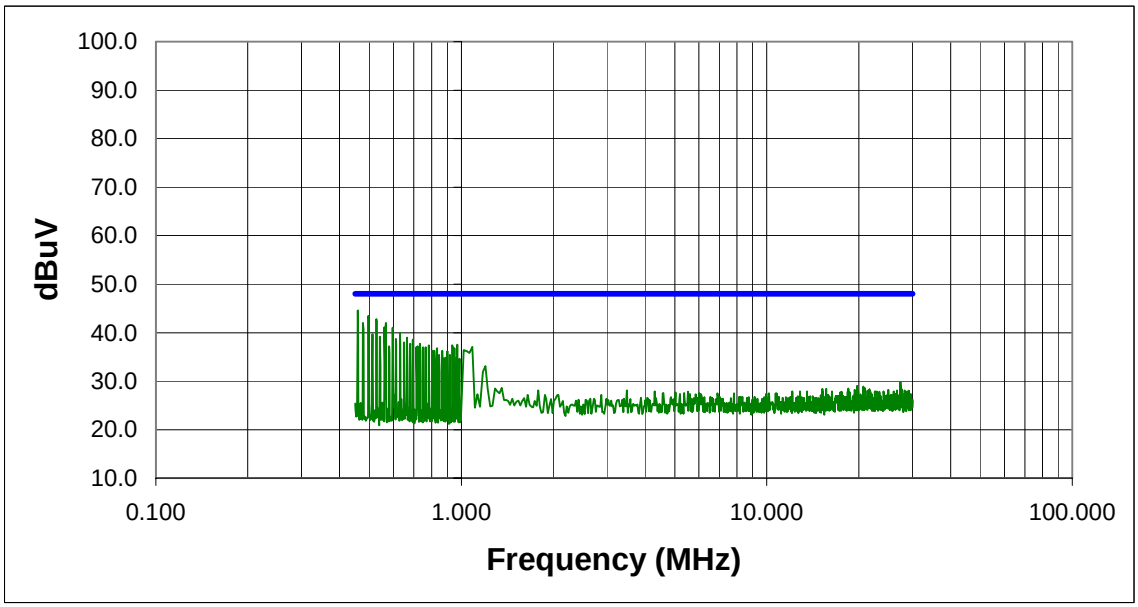
FCC ID O7O-UPP

Northwest EMC, Inc., Radiated and Conducted Emissions Data Sheets			Rev 3.3 10/09/99
EUT: **Phoenix Veh. Classifier**	Serial Number: **50090**	Job Number: **HIGH0002**	Date: **08/04/00**
Manufacturer: **Diamond Traffic Products**	Test Engineer: **Greg Kiemel**	Job Site: **EV01**	
Customer Reference Number:	Software: **Application Specific**	Power: **120V/60Hz**	
Comments: **All modifications installed.**			
		Temperature (°C): **19**	% Humidity: **38**

Test System		
See System Details		

Test Equipment					
AAG	LIN	LIC			

FCC Part 15 Class B Conducted Emissions Limits - High Line



Frequency (MHz)	Meter Reading (dBuV)	Detector	Correction Factor (dB)	Adjusted Level (dBuV)	Specification Limit (dBuV)	Margin (dB)
0.458	24.6	Peak	20.0	44.6	48.0	-3.4
0.497	23.5	Peak	20.0	43.5	48.0	-4.5
0.527	22.8	Peak	20.0	42.8	48.0	-5.2
0.477	22.0	Peak	20.0	42.0	48.0	-6.0
0.567	22.0	Peak	20.0	42.0	48.0	-6.0
0.597	21.0	Peak	20.0	41.0	48.0	-7.0
0.630	20.0	Peak	20.0	40.0	48.0	-8.0
0.512	19.7	Peak	20.0	39.7	48.0	-8.3
0.542	19.2	Peak	20.0	39.2	48.0	-8.8
0.665	19.0	Peak	20.0	39.0	48.0	-9.0
0.611	18.7	Peak	20.0	38.7	48.0	-9.3
0.695	18.6	Peak	20.0	38.6	48.0	-9.4
0.651	18.0	Peak	20.0	38.0	48.0	-10.0
0.681	17.7	Peak	20.0	37.7	48.0	-10.3
0.733	17.7	Peak	20.0	37.7	48.0	-10.3
0.970	17.5	Peak	20.0	37.5	48.0	-10.5
0.783	17.4	Peak	20.0	37.4	48.0	-10.6
0.935	17.4	Peak	20.0	37.4	48.0	-10.6
0.581	17.2	Peak	20.0	37.2	48.0	-10.8
0.720	17.2	Peak	20.0	37.2	48.0	-10.8

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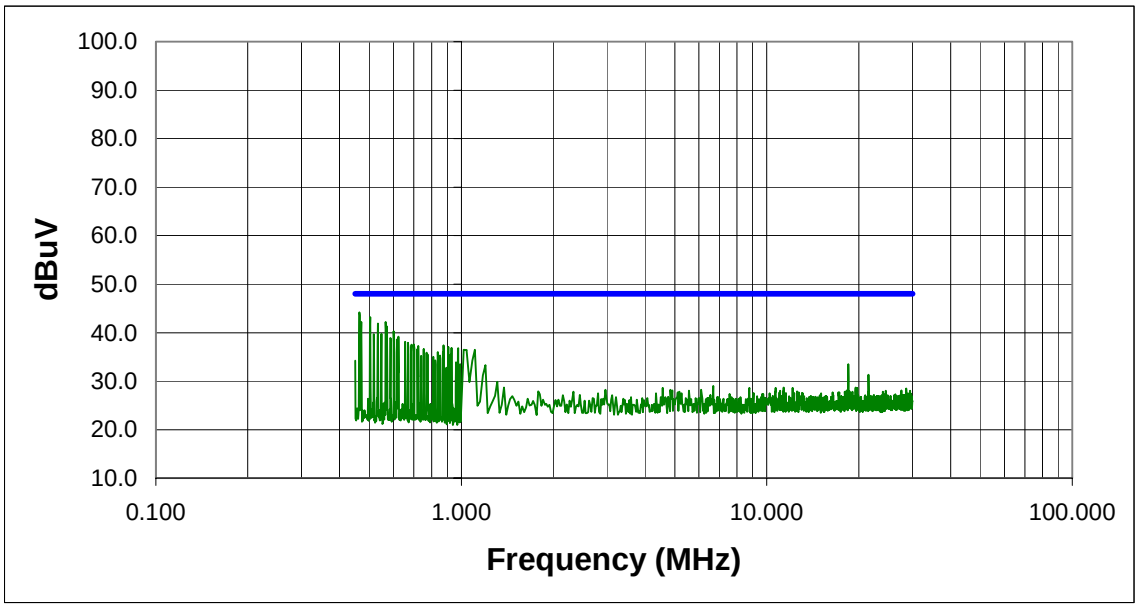
Manufacturer: **Diamond Traffic Products**	Test Engineer: **Greg Kiemel**	Job Site: **EV01**	
Customer Reference Number:	Software: **Application Specific**	Power: **120V/60Hz**	
Comments: **All modifications installed.**			
		Temperature (°C): **19**	% Humidity: **38**

Test System		
See System Details		

Test Equipment					
AAG	LIN	LIC			

FCC Part 15 Class B Conducted Emissions Limits - Low Line



Frequency (MHz)	Meter Reading (dBuV)	Detector	Correction Factor (dB)	Adjusted Level (dBuV)	Specification Limit (dBuV)	Margin (dB)
0.464	24.2	Peak	20.0	44.2	48.0	-3.8
0.504	23.2	Peak	20.0	43.2	48.0	-4.8
0.471	22.2	Peak	20.0	42.2	48.0	-5.8
0.566	22.2	Peak	20.0	42.2	48.0	-5.8
0.534	21.9	Peak	20.0	41.9	48.0	-6.1
0.571	21.3	Peak	20.0	41.3	48.0	-6.7
0.601	20.3	Peak	20.0	40.3	48.0	-7.7
0.548	19.8	Peak	20.0	39.8	48.0	-8.2
0.517	19.7	Peak	20.0	39.7	48.0	-8.3
0.623	19.2	Peak	20.0	39.2	48.0	-8.8
0.586	18.9	Peak	20.0	38.9	48.0	-9.1
0.616	18.6	Peak	20.0	38.6	48.0	-9.4
0.656	18.1	Peak	20.0	38.1	48.0	-9.9
0.670	17.9	Peak	20.0	37.9	48.0	-10.1
0.700	17.6	Peak	20.0	37.6	48.0	-10.4
0.687	17.5	Peak	20.0	37.5	48.0	-10.5
0.876	17.4	Peak	20.0	37.4	48.0	-10.6
0.724	17.3	Peak	20.0	37.3	48.0	-10.7
0.907	17.1	Peak	20.0	37.1	48.0	-10.9
0.929	16.9	Peak	20.0	36.9	48.0	-11.1