PAGE NO. 3 of 3. AMENDED September 8, 2000

Name of test: Environmental Assessment

EUT Description:	See Page 2.
Power, Conducted [W]	= 50
Test Frequency, MHz	= 136
Ant. Model	Monopole, ¼ Wave
Ant. Gain[dB]	= 0 dbD
Rated Probe:	Narda 8761D Probe = 10 $\mu W/cm^2$ to 20 mW/cm^2
47 CFR 1.1210 Table 1, (B)	0.3-1.234 MHz: Limit [mW/cm^2] = 100
	1.34-300 MHz: Limit [mW/cm^2] = ($180/f^2$)
	30-300 MHz: Limit [mW/cm^2] = 0.2
	300-1500 MHz Limit [mW/cm^2] = f/1500
	1500-100,000 MHz: Limit [mW/cm^2] = 1.0
Power[W EIRP]	(P[Watts, Conducted] + G) = 25 (W, 50% D.F.)
Limit [mW/cm^2]	= 0.2
Limit [W/m^2]	= 2.0
Theoretical safe distance:	$R_{[m]} = [(P_{[W\ EIRP]}) / (4\pi \times Limit_{[W/m^2]})]^{1/2}$
	$R_{[m]}$ = 1.0 (for 50% D.F.)
	$R_{[inches]}$ = 40

See Attached Applicant Statement to be placed in manual.

SUPERVISED BY: Morton Flom, P. Eng.