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

Name of test: Environmental Assessment

EUT Description:	See Page 2.
Power, Conducted [W]	= 40 (20 W for 50% Duty Factor)
Test Frequency, MHz	= 450
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) = 20 (50% D.F.)
Limit [mW/cm^2]	= 0.32
Limit [W/m^2]	= 3.2
Theoretical safe distance:	$R_{[m]} = [(P_{[W\ EIRP]}) / (4\pi \times Limit_{[W/m^2]})]^{1/2}$ $R_{[m]}$ = 0.9 (50% Duty Factor $R_{[inches]}$ = 36

See Attached Applicant Statement to be placed in manual.

SUPERVISED BY: Morton Flom, P. Eng.