Attachment B

Amendment to File no. 0117-EX-PL-2003
June 11, 2003

Antenna Specialists
31225 Bainbridge Road
Solon, Ohio 44139-2281
Ref. File No: 0117-EX-PL-2003

In response to the following email from oetech@fccsun34w.fcc.gov.

Date: 6-11-2003:

Subject: Experiment application 0117-EX-PL-2003 [Reference Number: 2604]

Please provide additional details of the specifics of your testing. You have requested relatively high powers, please explain the need for these powers, types of emissions to be used and how you will avoid interference to licensees in the bands.

Confirmation Number: EL13334
aserafin@fcc.gov

Response: (6-11-2003)

Our previous license…

Call Sign: KO2XGJ
Station Class: XD FX
Emission Designator: 16K0F3E

has expired, and utilized these same high power levels. However, in that we have decommissioned our outdoor antenna testing range, and have a renewed focus on lower power wireless technology applications, we will accommodate lower power emissions as follows:

Frequency (MHz)	Station Class	Emission Designator	Authorized Power (ERP)
25.010 – 173.4	FX	N0N	500 W
450 – 512 MHz	FX	N0N	1000 W
806 – 960 MHz	FX	N0N	2500 W
Above 960 MHz	FX	N0N	1000 W

Our development activities require us to design antenna gain configurations ranging from 0 - 20 dBi. These configurations range in frequency and power handling capabilities, and it is our intention to comply with the above stated ERP figures. If required to reduce potential interference with other licensees, we have shielded anechoic structures on site that can achieve greater than 100 dB of isolation. Furthermore, we will also comply with any special conditions as requested by the FCC, regarding interference, frequency coordination and tolerance.