

FCC PART 5 APPLICATION FOR AUTHORIZATION

EXHIBIT NO. A

**ALLEN TELECOM GROUP
SYSTEM DIVISION
LYNCHBURG VA R&D FACILITY**

An authorization under Part 5 of FCC rules is needed to allow for the research and development of "wireless PBX" programs at the Lynchburg facility.

These programs consist of the system and software design and development of common control platforms to control the operation of cellular/PCS base station radios. The specific objective is to provide interconnect from hand-held portable cellular/PCS radios into existing PBX's and land-line networks in the micro-cell environment.

The equipment to be used will consist of Decibel cellular base stations, experimental Allen Telecom Systems PCS base stations, and standard cellular and PCS mobiles/portables.

The theory of operation will be consistent with TIA IS-94.

A program of experimentation is necessary at the Allen Telecom Lynchburg R&D Facility to design, develop, and verify the control platform operating software which includes call processing, PBX interconnectivity, vertical features, and OA&M functionality.

The results of this experimentation will be a commercial product that Allen Telecom intends to offer for sell to meet the burgeoning demands of the PCS marketplace.