

EXHIBIT I
DESCRIPTION OF EXPERIMENT

Harris Corporation ("Harris") hereby requests an FCC experimental authorization license to conduct experimental testing using the equipment identified herein operating in the 4.4-4.99 GHz band. Harris is currently conducting experimental tests of this equipment pursuant to Special Temporary Authority ("STA") granted on September 28, 2007 (Call Sign: WD9XBN; File No. 0287-EX-ST-2007). Pursuant to Section 5.61(b) of the FCC rules, 47 C.F.R. § 5.61(b), this application for permanent authorization is being filed within fifteen (15) days of the STA expiration date of March 28, 2008. Harris intends to continue the experimental testing as authorized by STA pending disposition of the permanent authority application.

The purpose for this experimental authorization license request is to provide application support and further testing of the equipment in connection with Harris' development of Broadband Ethernet Radio ("BER") units. These units utilize high-speed data and digitized voice transmissions, and have been procured by the military under contract DAAH01-03-D-0029 (Commercial Hardware Software-3 Contract). The testing will be performed from the Harris Campus building located in Rochester, NY (43°08'51.1"N, 077°33'26.1"W). At times testing will be performed within a 60 kilometer radius of the Harris Campus building utilizing mobile vehicles.

As shown in the attached database search using the Commission's Universal Licensing System (ULS), no active FCC licensees are operating in the 4.4-4.99 GHz band within a 60 kilometer radius of the proposed centerpoint of operations. Nonetheless, Harris recognizes that its experimental operations in this band are to be conducted on a non-interference basis.

Because the equipment is technically incapable of providing station identification, Harris respectfully requests a waiver of the station identification provisions of Section 5.115 of the Commission's rules, 47 C.F.R. § 5.115.

All network traffic will be simulated traffic only, solely for evaluation purposes and not for the purpose of providing network data communications services to user stations.

Harris submits that a grant of this application is necessary and in the public interest because it will advance national security efforts.