

**HARRIS CORPORATION
EXPERIMENTAL LICENSE APPLICATION
FILE NO. 0388-EX-PL-2008
SEPTEMBER 2008**

EXHIBIT 1
DESCRIPTION OF EXPERIMENT

Harris Corporation ("Harris") hereby requests an FCC experimental authorization license to conduct experimental testing utilizing the commercially-available equipment identified herein, in order to develop a new family of radio communications equipment for use by military, government, and public safety organizations, based on the emerging Wireless Metropolitan Area Network (MAN) technology that is standardized in the IEEE 802.16-2004 and 802.16e-2005 standards, with implementations certified by the WiMAX forum.

Harris is currently conducting experimental tests of this equipment pursuant to Special Temporary Authority ("STA") granted on March 21, 2008 (Call Sign: WD9XFQ; File No. 0531-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. Harris intends to continue the critical experimental testing as authorized by STA pending disposition of the permanent authority application.

Harris customers in military, government, and public safety organizations, particularly in the United States military, have expressed dire needs for communication systems that exhibit high performance at a price significantly lower than that which is provided by technologies currently available for use in these environments.

Harris proposes to use the commercially-available equipment identified herein, which has features similar to the intended product, to perform tests to evaluate its performance characteristics. The purpose of the test program is to aid in the establishment of product requirements and features to be incorporated into the planned product offering. Currently-available products are designed to operate in domestic or international licensed bands.

Harris acknowledges that its operations will be 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 its development process which will ultimately assist with the national security efforts relating to military, government, and public safety organizations.

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