

EXHIBIT 1
DESCRIPTION OF EXPERIMENT

Harris Corporation ("Harris") hereby requests Special Temporary Authority ("STA") to conduct experimental operations in the 4.4-5.0 GHz band. The purpose of the STA request is to perform functional verification testing of a new product line which will include high-speed data and digitized voice transmissions using existing and new waveforms. Prior to offering this product to domestic and international customers on a commercial basis, Harris must perform over the air testing to verify the RF characteristics of the radio system.

As shown in the attached database search using the Commission's Universal Licensing System (ULS), no active FCC licensees are operating in the 4.5-5.0 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.