

**HARRIS CORPORATION
EXPERIMENTAL LICENSE APPLICATION
FILE NO. 0277-EX-ML-2015**

EXHIBIT I – PURPOSED OF MODIFICATION

Harris Corporation ("Harris") hereby requests modification of its FCC experimental license authorized under Call Sign WI2XBM (File #0562-EX-PL-2015). This experimental license was granted to Harris on November 12, 2015 to conduct product integration and field testing of a tactical LTE cellular system operating in the 700 MHz 3GPP Band Class 14 spectrum currently owned FirstNet. As noted in the initial application, testing would be conducted at Harris' facility located in Rochester, New York and three other field test locations in upstate New York. These are: Geneso, NY (Consensus Lake Site), Penn Yan, NY (Finger Lakes Site), and Piseco, NY (Adirondacks Site).

This modification only proposes to correct the ERP for the fixed base station frequency range 758-768 MHz at each of the four locations from 200mW to 15.0 W. The output power remains at 5.0 W, however with the antenna gain factored in the ERP is approximately 15.0 Watts. No other changes are proposed.

As noted in the original experimental license request:

- Harris understands utilization of the FirstNet Band 14 spectrum is conditioned, and hereby agrees to the following conditions which have been placed on other public applications for similar use and purpose:
- All network traffic resulting from this testing will be simulated traffic only, solely for evaluation purposes and not for the purpose of providing network data communications services to user stations.
- Harris acknowledges that it must coordinate with, and accept interference from FirstNet or any other user of Band 14 and that all operations are on a secondary basis.
- Harris acknowledges that FirstNet has the right to monitor its operations.

Harris will continue to adhere to the FCC Special Conditions placed on the authorization.

The **"kill switch" contact** for this testing remains Chris Ossont, Tactical Cellular Systems Engineer at Harris, tel: (585) 242-3172, e-mail: cosson@harris.com

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.

Harris submits that a grant of this application is necessary and in the public interest because it will facilitate LTE technology development.