

HARRIS CORPORATION
EXPERIMENTAL SPECIAL TEMPORARY
AUTHORITY APPLICATION
766-774 MHz EXPERIMENT
NAB CONVENTION 2005
February 2005

DESCRIPTION OF EXPERIMENT

Consolidated Response to Questions 4 and 5.

An experimental Special Temporary Authority ("STA") is necessary to allow Harris Corporation ("Harris") to display experimental digital video broadcast equipment at the National Association of Broadcasters ("NAB") Convention in Las Vegas, Nevada in April 2005. The experimental equipment demonstrates advances in rich media content in a mobile environment, and is instrumental in developing new techniques for digital video operations. Harris envisions that the experiments will be important both to the commercial broadcast industry and the federal government for homeland security purposes. The equipment is experimental at this time and is not manufactured in the United States.

Harris requests a waiver of the Section 5.115 station identification requirements because the equipment is not capable of providing such information.

Harris has undertaken all reasonable efforts to ensure that potential interference to existing television broadcast and other operations in the area are minimized. In particular, measures have been taken to reduce the potential for interference to public reception of the signals of existing TV and DTV broadcast stations transmitting on channels 63 and 64. Harris acknowledges that any experimental authority will be conditioned on a non-interference causing basis.

Harris submits that a grant of an experimental STA is necessary in the public interest because the proposed operations will forward commercial industry and national security interests.