

HARRIS CORPORATION
EXPERIMENTAL SPECIAL TEMPORARY
AUTHORITY APPLICATION
1670-1675 MHz EXPERIMENT
NAB CONVENTION 2007

DESCRIPTION OF EXPERIMENT

Consolidated Response to Questions 4 and 5.

An experimental Special Temporary Authority (“STA”) is requested to permit Harris Corporation (“Harris”) to operate experimental digital video broadcast equipment at the National Association of Broadcasters (“NAB”) Convention in Las Vegas, Nevada in April 2007.

The experimental equipment will demonstrate continued advances in rich media content in a mobile environment, and will be 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 handheld equipment is experimental at this time.

Harris proposes to use the 1670-1675 MHz band for its experimental operations. The sole nationwide license to operate in this band is held by OP LLC (a/k/a Modeo LLC, f/k/a Crown Castle Mobile Media LLC) (“Modeo”). The call sign for this nationwide license is **WPYQ831**. Harris has entered into a “Remote Demonstration Agreement” (the “Agreement”) with Modeo, pursuant to which Harris is authorized by Modeo to access Modeo’s DVB-H network operated in the 1670-1675 MHz band, beginning on April 14, 2007 and ending on April 19, 2007.¹ A copy of the Agreement is attached to this application.

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

A grant of this experimental STA request would serve the public interest, Harris submits, because the proposed operations will forward the development of products that will benefit commercial industry and national security interests.

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¹ Because FCC authorizations expire at 3:00 a.m. on the expiration date, Harris is requesting that the authorization expire on April 20, 2007, as noted in the application.