

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WC9XBY

(Call Sign)

0342-EX-ST-2005

(File Number)

NAME Harris Corporation

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Proof of concept to determine the extended capabilities of 802.11 wireless LAN devices for the tactical capabilities of the U.S. military.

Station Locations

- (1) Cambridge (DORCHESTER), MD - NL 38-32-26; WL 76-16-36
- (2) Cambridge (DORCHESTER), MD - NL 38-32-25; WL 76-16-34

Frequency Information

Cambridge (DORCHESTER), MD - NL 38-32-26; WL 76-16-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2432 MHz	FX	22M0G1D	20 W (ERP)	0.00005 %

This authorization effective July 15, 2005 and
will expire 3:00 A.M. EST October 16, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Cambridge (DORCHESTER), MD - NL 38-32-25; WL 76-16-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2432 MHz	FX	22M0G1D	193 W (ERP)	0.00005 %

Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (2) Operation is subject to prior coordination with local fixed microwave service licensees in accordance with 47 CFR, Part 101.103(d).
- (3) Harris Corporation should be aware that NTIA will not license high power WiFi permanent operations in the 2.4 GHz band for government uses (all operations must meet current rules). This STA is temporary and NTIA has no objection.
- (4) Harris Corporation needs to be aware that extension of this STA may not be granted and that NTIA wants further testing and development to be requested in the 1755-1850 MHz band after this concept test is done.