

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

EXPERIMENTAL

(Nature of Service)

XC FX MO

(Class of Station)

WB9XSS

(Call Sign)

0050-EX-ST-2003

(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:

Establishment of a performance baseline for using 802.11b devices in connection with aeronautical surveillance and photography by the United States military.

Station Locations

- (1) Manassas (PRINCE WILLIAM), VA - NL 38-44-05; WL 77-30-05
- (2) MOBILE: Airborne w/ maximum altitude of 5000 feet, within 32 km, centered around NL 38-44-04; WL 77-30-05

Frequency Information

Manassas (PRINCE WILLIAM), VA - NL 38-44-05; WL 77-30-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2422-2472 MHz	FX	22M0G1D	8 W (ERP)	0.00001 %

MOBILE: Airborne w/ maximum altitude of 5000 feet, within 32 km, centered around NL 38-44-04; WL 77-30-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2422-2472 MHz	MO	22M0G1D	8 W (ERP)	0.00004 %

Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies

This authorization effective March 15, 2003 and
will expire 3:00 A.M. EST June 15, 2003

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and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.

- (2) 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.
- (3) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by NAVSEA contract no. MDA 972-99-9-0004. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (4) All operations must be prior coordinated with existing fixed microwave stations in accordance with 47 CFR Part 101.103(d).
- (5) All operations must be prior coordinated with existing land mobile licensees in accordance with 47 CFR Part 90.175.