

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WC2XNN

(Call Sign)

0003-EX-RR-2005

(File Number)

NAME Harris Corporation BWA

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(i) of the Commission's Rules

Station Locations

(1) PALM BAY (BREVARD), FL - NL 28-02-00; WL 80-36-02

Frequency Information

PALM BAY (BREVARD), FL - NL 28-02-00; WL 80-36-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.5-25.5 GHz	FX	8M33DXW	158 W (ERP)	
25.5-26.5 GHz	FX	8M33DXW	158 W (ERP)	
25.5-26.5 GHz	FX	401MDXW	158 W (ERP)	
27.35-28.35 GHz	FX	8M33DXW	158 W (ERP)	

This authorization effective February 01, 2005 and
will expire 3:00 A.M. EST February 01, 2007

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

PALM BAY (BREVARD), FL - NL 28-02-00; WL 80-36-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
31-31.3 GHz	FX	8M33DXW	158 W (ERP)	
37-38.5 GHz	FX	8M33DXW	158 W (ERP)	
38.5-40 GHz	FX	8M33DXW	158 W (ERP)	
40.5-43.5 GHz	FX	8M33DXW	158 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (4) License is subject to coordination with any future satellite operations in the 24.45-24.75 GHz and 37.5-42.5 GHz bands.
- (5) All use on frequencies in the 38.6-40 GHz band should be coordinated with stations in the broadcast auxiliary service through the local broadcast coordinator.
- (6) All use on frequencies in the 25.05-25.25 GHz, 27.5-29.5 GHz, 31.0-31.3 GHz and 38.6-40 GHz bands should be prior coordinated with existing fixed microwave operations in accordance with Section 101.103(d).
- (7) Prior approval of the LMDS licensees in BTA289 and BTA336 are required for operation in the 31.0 - 31.3 GHz band.
- (8) Prior approval of the DEMS licensee in BTA336 is required for operation in the 24.5 - 25.25 GHz band.
- (9) Prior approval of the 39GHz licensees in BEA30 is required for operation in the 38.6 - 40.0 GHz band.