

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WH2XEE

(Call Sign)

0287-EX-PL-2014

(File Number)

NAME Harris Corporation

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(h & j) of the Commission's Rules

Station Locations

- (1) Palm Bay (BREVARD), FL - NL 28-00-51; WL 80-36-13
- (2) Pam Bay (BREVARD), FL - NL 28-00-51; WL 80-36-13
- (3) Palm Bay (BREVARD), FL - NL 28-00-51; WL 80-36-13
- (4) MOBILE: Palm Bay, FL, within 10 km, centered around NL 28-00-51; WL 80-36-13

Frequency Information

Palm Bay (BREVARD), FL - NL 28-00-51; WL 80-36-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	400 W (ERP)	

Pam Bay (BREVARD), FL - NL 28-00-51; WL 80-36-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	400 W (ERP)	

This authorization effective April 21, 2014 and
will expire 3:00 A.M. EST May 01, 2016

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COMMUNICATIONS
COMMISSION**



Frequency Information

Palm Bay (BREVARD), FL - NL 28-00-51; WL 80-36-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	400 W (ERP)	

MOBILE: Palm Bay, FL, within 10 km, centered around NL 28-00-51; WL 80-36-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-798 MHz	MO	10M0G7D	200 mW (ERP)	
		10M0W7E		
		10M0G7D		

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Operation will be confined to one site in its Palm Bay Florida facility, with a ten kilometer radius. Harris would test three eNodeBs at a sectorized base station, along with six vehicular routers, four tablets and four other portable devices.
- (4) Operation will occur no longer than two years from the date on which the FCC grants Harris an experimental license.
- (5) Harris has analyzed information in the FCC's license databases and states that the proposed operation would not interfere or create a significant potential for harmful interference with any public safety operations in the 700 MHz band.
- (6) Operation of the experimental license will not be used in mission-critical operations or in the delivery of live transmissions in duties to protect life, property, or safety. Operations will be confined to a ten-kilometer radius of the base station.
- (7) This experimental license is non-renewable and any experimental use of radio frequencies licensed to FirstNet beyond the two-year period to which this application refers must be made by a separate request for such use by Harris.

Special Conditions:

- (8) Harris understands that an experimental license only permits shared use of the subject radio frequencies and that it may have to coordinate with other entities licensed for experimental purposes. It further affirms that all of its experimental operations will be secondary, such that they must not cause interference to narrowband or broadband operations authorized on a primary basis, including in the spectrum licensed to FirstNet. Narrowband or broadband operations authorized on a primary basis, including in the spectrum licensed to FirstNet, have no obligation to mitigate any interference that such primary operations may present to Harris' experimental operations.
- (9) Harris acknowledges that although FirstNet has not yet deployed in the geographic area covered by the application, if, during the term of this license, FirstNet or its assignees or lessees, plans to deploy in this area, Harris may have to reduce the coverage or power levels of its experimental transmissions, or cease them entirely.
- (10) Harris has designated an overall project manager and these experiments. Suzy Chen, Engineering Manager, Harris Corporation, 13200 McCormick Drive, Tampa, FL 33626; Tel. 813-426-4858; and a local "stop buzzer" contact, Ken Duncan, Chief Network Architect, Harris Trusted Enterprise Network, 1025 West NASA Blvd. Bldg "F", 2019, Melbourne, FL 32919; Kdunca03@harris.com; Tel. 321-309-2585; Cell 321-917-6446.