

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

EXPERIMENTAL

(Nature of Service)

WE9XPW

(Call Sign)

XT FX MO

(Class of Station)

0547-EX-ST-2010

(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:

Experimental testing of the SeaLancet (RT-1944/U) radio system to characterize performance characteristics in ground based and airborne relay operations.

Station Locations

- (1) Palm Bay (BREVARD), FL - NL 28-02-08; WL 80-36-11; MOBILE: Airborne, altitudes from 3000 ft. to over 10,000 ft., within 120 km

Frequency Information

Palm Bay (BREVARD), FL - NL 28-02-08; WL 80-36-11; MOBILE: Airborne, altitudes from 3000 ft. to over 10,000 ft., within 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2212 MHz	MO	20M0W7D	121 W (ERP)	0.0002 %
2212 MHz	FX	20M0W7D	121 W (ERP)	0.0002 %
2237 MHz	FX	20M0W7D	121 W (ERP)	0.0002 %

This authorization effective December 15, 2010 and
will expire 3:00 A.M. EST June 15, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Palm Bay (BREVARD), FL - NL 28-02-08; WL 80-36-11; MOBILE: Airborne, altitudes from 3000 ft. to over 10,000 ft., within 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2237 MHz	MO	20M0W7D	121 W (ERP)	0.0002 %
2252 MHz	FX	20M0W7D	121 W (ERP)	0.0002 %
2252 MHz	MO	20M0W7D	121 W (ERP)	0.0002 %

Special Conditions:

- (1) Coordination with the Eastern Area Frequency Coordinator (EAFC), R. Akers at (321) 494-5838/5837 is required prior to operations and Harris Corporation must comply with scheduling parameters if levied.
- (2) NASA restricts operations if within 48 hours of scheduled Space Shuttle launches and request the Harris Corp provide a P.O.C. where NASA can provide specific launch times two weeks prior to launch. Send the P.O.C. information to steven.f.schindler@nasa.gov 321-867-2520.