

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WC9XDT

(Call Sign)

0141-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:

Evaluation and demonstration of a high-data rate wireless communication network-centric radiofrequency link from an aerial node to a ground node.

Station Locations

- (1) Austin (TRAVIS), TX - NL 30-23-21; WL 97-43-02; MOBILE: Airborne up to 4000 ft., within 50 km

Frequency Information

Austin (TRAVIS), TX - NL 30-23-21; WL 97-43-02; MOBILE: Airborne up to 4000 ft., within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1755-1824.5 MHz	FX	25M0D2D	42.9 W (ERP)	0.00002 %
1755-1824.5 MHz	MO	25M0D2D	4.9 W (ERP)	0.00002 %
1825.5-1834 MHz	FX	25M0D2D	42.9 W (ERP)	0.00002 %

This authorization effective May 18, 2005 and
will expire 3:00 A.M. EST August 16, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Austin (TRAVIS), TX - NL 30-23-21; WL 97-43-02; MOBILE: Airborne up to 4000 ft., within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1825.5-1834 MHz	MO	25M0D2D	4.9 W (ERP)	0.00002 %