

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

EXPERIMENTAL

(Nature of Service)

WD9XBH

(Call Sign)

XT FX MO

(Class of Station)

0158-EX-ST-2008

(File Number)

NAME Motorola, Inc.

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:

The purpose of operation is to develop and test equipment for export only operating in the 5.4 GHz band.

Station Locations

- (1) Lake Mary, FL - NL 28-44-47; WL 81-21-45; MOBILE: Lake Mary, FL, within 1 km, centered around NL 28-44-47; WL 81-21-45

Frequency Information

Lake Mary, FL - NL 28-44-47; WL 81-21-45; MOBILE: Lake Mary, FL, within 1 km, centered around NL 28-44-47; WL 81-21-4

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5470-5725 MHz	FX	2M00DXD	610 mW (ERP)	
5470-5725 MHz	MO	2M00DXD	120 mW (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.

This authorization effective April 01, 2008 and
will expire 3:00 A.M. EST October 02, 2008

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) 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.
- (3) Equipment is being developed for export only and no consideration is being given to marketing the system in the U.S. since it would cause numerous problems to FAA operations in the 5600-5650 MHZ band.
- (4) NTIA concurs provided that the antenna heights of all operations are maintained below 100 feet above mean sea level. This is to protect FAA TDWR operation 23 NM away in Orlando on 5640 MHZ.