

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WC9XZT

(Call Sign)

0324-EX-ST-2007

(File Number)

NAME AirCell LLC

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:

Demonstrate conformance to the standards required by the FAA that are necessary in order to receive certificates for the deployment of new electronic radiating devices aboard airliners.

Station Locations

- (1) MOBILE: Test apparatus will be used at various commercial airline maintenance facilities located throughout the U.S. tests will be conducted in closed commercial aircraft inside airline maintenance buildings.

Frequency Information

MOBILE: Test apparatus will be used at various commercial airline maintenance facilities located throughout the U.S. tests will be conducted in closed commercial aircraft inside airline maintenance buildings.

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2400-2483.5 MHz	MO	22M0G7D	7.317 W (ERP)	
5150-5250 MHz	MO	10M0G7D	7.317 W (ERP)	

This authorization effective September 06, 2007 and
will expire 3:00 A.M. EST March 07, 2008

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Test apparatus will be used at various commercial airline maintenance facilities located throughout the U.S. tests will be conducted in closed commercial aircraft inside airline maintenance buildings.

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5250-5350 MHz	MO	10M0G7D	7.317 W (ERP)	
5725-5825 MHz	MO	10M0G7D	7.317 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) 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) NTIA denies use of the band 5150-5250 MHz.
- (4) The stop buzzer person, Mr. William Gordon, cell 202-680-0575, must be available during testing in case testing needs to be shut down immediately.
- (5) All testing must be conducted inside closed commercial aircraft inside airline maintenance buildings.
- (6) Operation is subject to prior coordination with Fixed Microwave licensees in the 2450-2483.5 MHz band in the immediate area.