

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

EXPERIMENTAL

(Nature of Service)

WC9XWX

(Call Sign)

XD FX MO

(Class of Station)

0135-EX-ST-2007

(File Number)

NAME ALCATEL-LUCENT

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:

Demonstrating WiMAX 802.11e-2005 base station to transmit to a PCMCIA card installed in a laptop. Also demonstrating CDMA technology in the 1.9GHz range.

Station Locations

- (1) ORLANDO (ORANGE), FL - NL 28-25-43; WL 81-28-13; MOBILE: ORLANDO (ORANGE), FL, within 0.06 km, centered around NL 28-25-43; WL 81-28-13

Frequency Information

ORLANDO (ORANGE), FL - NL 28-25-43; WL 81-28-13; MOBILE: ORLANDO (ORANGE), FL, within 0.06 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1900-1910 MHz	FX	1M25F2W	0.1 mW (ERP)	
1920-1930 MHz	FX	5M00F2W	0.1 mW (ERP)	
1980-1990 MHz	MO	1M25F2W	0.1 mW (ERP)	

This authorization effective March 26, 2007 and
will expire 3:00 A.M. EST March 30, 2007

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

ORLANDO (ORANGE), FL - NL 28-25-43; WL 81-28-13; MOBILE: ORLANDO (ORANGE), FL, within 0.06 km, centered arou

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2110-2120 MHz	MO	5M00F2W	0.1 mW (ERP)	
2195-2200 MHz	FX	5M00F2W	0.1 mW (ERP)	
2300-2310 MHz	FX	5M00F2W	0.1 mW (ERP)	
2500-2680 MHz	FX	10M0F2W	0.1 mW (ERP)	
3475-3580 MHz	FX	5M00F2W	0.1 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.
- (2) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (3) Operation is subject to prior coordination with affected existing and future Advanced Wireless Services (AWS) licensees.
- (4) No equipment shall be developed for use in the US in this band since it is a federal government band for radiolocation. Any development for use in the US needs to be done in an approved FCC band. WiMAX should not be developed in the band 3300-3650 MHz for US sales.
- (5) ALCATEL-LUCENT needs to be aware of possible interference from high power government radars in the band 3300-3650 MHz.
- (6) Operation is subject to prior coordination with affected existing and future EBS/BRS licensees.
- (7) The WiMAX equipment to be demonstrated shall be for export only.
- (8) No WiMAX equipment in the band 3300-3650 MHz will be offered for U.S. sales.
- (9) Operation is subject to prior coordination with affected existing and future WCS licensees.