

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

EXPERIMENTAL

(Nature of Service)

WC9XZW

(Call Sign)

XT FX MO

(Class of Station)

0394-EX-ST-2007

(File Number)

NAME AIRNET COMMUNICATIONS 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:

To support research and development, over-the-air testing will be performed to demonstrate and to evaluate the technology.

Station Locations

- (1) Elizabeth City (PASQUOTANK), NC - NL 36-13-52; WL 76-08-06; MOBILE: At 303 m above ground on a Blimp (Aerostat), Elizabeth City (PASQUOTANK), NC, within 5 km, centered around NL 36-13-52; WL 76-08-06

Frequency Information

Elizabeth City (PASQUOTANK), NC - NL 36-13-52; WL 76-08-06; MOBILE: At 303 m above ground on a Blimp (Aerostat), EI

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-849 MHz	MO	300KGXW 1M25GXW	3 W (ERP)	
869-894 MHz	FX	300KGXW 1M25GXW	30 W (ERP)	

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Elizabeth City (PASQUOTANK), NC - NL 36-13-52; WL 76-08-06; MOBILE: At 303 m above ground on a Blimp (Aerostat), EI

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
880-915 MHz	MO	300KGXW	3 W (ERP)	
925-960 MHz	FX	300KGXW	30 W (ERP)	
1710-1755 MHz	MO	300KGXW	2 W (ERP)	
1850-1910 MHz	MO	300KGXW 1M25GXW	2 W (ERP)	
1850-1880 MHz	FX	300KGXW	30 W (ERP)	
1930-1990 MHz	FX	300KGXW 1M25GXW	30 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) No operations in the band 1755-1850 MHz are used due to federal microwave systems operations.
- (4) Operation is subject to prior coordination with Fixed Microwave licensees and affected existing and future Advanced Wireless Services licensees.