

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WC9XRH

(Call Sign)

0490-EX-ST-2006

(File Number)

NAME MeshLinx Wireless Corp

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:

Testing a wireless mesh communication network for homeland security applications.

Station Locations

- (1) MOBILE: Dallas (DALLAS), TX, at temporary fixed locations, within 120 km, centered around NL 32-59-30; WL 96-59-30
- (2) MOBILE: Dallas (DALLAS), TX, at temporary fixed locations, within 120 km, centered around NL 32-59-30; WL 96-59-30

Frequency Information

MOBILE: Dallas (DALLAS), TX, at temporary fixed locations, within 120 km, centered around NL 32-59-30; WL 96-59-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.4-2.472 GHz	MO	20M0M2D	400 mW (ERP)	0.00001 %
5.15-5.25 GHz	MO	20M0M2D	200 mW (ERP)	1.0E-7 %

This authorization effective July 21, 2006 and
will expire 3:00 A.M. EST January 22, 2007

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Dallas (DALLAS), TX, at temporary fixed locations, within 120 km, centered around NL 32-59-30; WL 96-59-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.25-5.35 GHz	MO	20M0M2D	200 mW (ERP)	1.0E-7 %
5.725-5.825 GHz	MO	20M0M2D	200 mW (ERP)	1.0E-6 %

MOBILE: Dallas (DALLAS), TX, at temporary fixed locations, within 120 km, centered around NL 32-59-30; WL 96-59-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.4-2.72 GHz	MO	15M0M2D 20M0M2D	400 mW (ERP)	0.00001 %
5.15-5.25 GHz	MO	20M0M2D	200 mW (ERP)	0.00001 %
5.25-5.35 GHz	MO	20M0M2D	200 mW (ERP)	1.0E-6 %
5.725-5.825 GHz	MO	20M0M2D	200 mW (ERP)	1.0E-6 %

Special Conditions:

(1) Equipment shall meet IEEE standards for 802.11 A/B and G.