

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WC2XUE

(Call Sign)

0190-EX-RR-2003

(File Number)

NAME MeshNetworks, Inc.

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(dfij) of the Commission's Rules

Station Locations

- (1) US; MOBILE: Nationwide demonstrations
- (2) Maitland, FL; MOBILE: within 80 km, centered around NL 28-37-55; WL 81-23-57
- (3) Washington, DC; MOBILE: within 80 km, centered around NL 38-54-08; WL 77-02-26
- (4) Denver-Boulder, CO; MOBILE: within 80 km, centered around NL 39-52-53; WL 105-03-02
- (5) Dallas-Ft. Worth, TX; MOBILE: within 80 km, centered around NL 32-47-09; WL 96-47-38

Frequency Information

US; MOBILE: Nationwide demonstrations

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5725-5875 MHz	FX	20M0G7D		
5725-5875 MHz	MO	20M0G7D		
2.4-2.4835 GHz	FX	20M0G7D		
2.4-2.4835 GHz	MO	20M0G7D		

Maitland, FL; MOBILE: within 80 km, centered around NL 28-37-55; WL 81-23-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5725-5875 MHz	FX	20M0G7D		

This authorization effective January 01, 2004 and
will expire 3:00 A.M. EST January 01, 2006

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Maitland, FL; MOBILE:within 80 km, centered around NL 28-37-55; WL 81-23-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5725-5875 MHz	MO	20M0G7D		
2.4-2.4835 GHz	FX	20M0G7D		
2.4-2.4835 GHz	MO	20M0G7D		

Washington, DC; MOBILE:within 80 km, centered around NL 38-54-08; WL 77-02-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5725-5875 MHz	FX	20M0G7D		
5725-5875 MHz	MO	20M0G7D		
2.4-2.4835 GHz	FX	20M0G7D		
2.4-2.4835 GHz	MO	20M0G7D		

Denver-Boulder, CO; MOBILE:within 80 km, centered around NL 39-52-53; WL 105-03-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5725-5875 MHz	FX	20M0G7D		
5725-5875 MHz	MO	20M0G7D		
2.4-2.4835 GHz	FX	20M0G7D		
2.4-2.4835 GHz	MO	20M0G7D		

Dallas-Ft. Worth, TX; MOBILE:within 80 km, centered around NL 32-47-09; WL 96-47-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5725-5875 MHz	FX	20M0G7D		
5725-5875 MHz	MO	20M0G7D		
2.4-2.4835 GHz	FX	20M0G7D		
2.4-2.4835 GHz	MO	20M0G7D		

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.

Special Conditions:

- (3) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (4) Licensee is required to file a PROGRESS REPORT every 6 months from the date of grant. This progress report shall be filed with Federal Communications Commission; Experimental Licensing Branch, MS 1300E1; 445 12 Street, S.W.; Washington, DC 20554.
- (5) Operating powers must comply with the limits authorized under Part 15 of the FCC rules.
- (6) Licensee is authorized to operate up to 500 unapproved devices for demonstration purposes only on a nationwide basis. No more than 100 devices may be operated at a time for each demonstration.
- (7) Licensee is authorized to operate up to 50 fixed stations and 3950 mobile stations for each test at the locations stated above. Testing shall be conducted at only one location at a time.