

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WC2XLF

(Call Sign)

0011-EX-ML-2003

(File Number)

NAME Flarion Technologies, 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(h) of the Commission's Rules

Station Locations

- (1) Bedminster, NJ - NL 40-40-00; WL 74-30-00; MOBILE: , within 19 km
- (2) New York, NY - NL 40-43-15; WL 73-59-57; MOBILE:
- (3) Bedminster (SOMERSET), NJ - NL 40-38-45; WL 74-38-25; MOBILE: within 10 km

Frequency Information

Bedminster, NJ - NL 40-40-00; WL 74-30-00; MOBILE: , within 19 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
747-762 MHz	FX	5M00D7D	20 W (ERP)	
777-792 MHz	MO	5M00D7D	611 mW (ERP)	

New York, NY - NL 40-43-15; WL 73-59-57; MOBILE:

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
752-762 MHz	FX	5M00D7D	15.4 W (ERP)	
777-787 MHz	MO	5M00D7D	611 mW (ERP)	

This authorization effective December 15, 2003 and
will expire 3:00 A.M. EST October 01, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Bedminster (SOMERSET), NJ - NL 40-38-45; WL 74-38-25; MOBILE:within 10 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1890-1910 MHz	MO	1M27D7D	600 mW (ERP)	
1970-1990 MHz	FX	1M27D7D	20 W (ERP)	
1970-1990 MHz	MO	1M27D7D	600 mW (ERP)	
2155-2165 MHz	FX	1M27D7D	20 W (ERP)	
2305-2315 MHz	MO	1M27D7D	600 mW (ERP)	
2375-2385 MHz	FX	1M27D7D	20 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Licensee is required to file a PROGRESS REPORT every 12 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.
- (4) This frequency assignment in one of the bands 1435-1535 or 2310-2390 MHz was coordinated prior to authorization with the Mid-Atlantic Area Frequency Coordinator (AFC), Patuxent River, MD, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with the AFC as necessary to ensure compatibility with existing uses.
- (5) 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.
- (6) 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."
- (7) Operation in the 2155-2165 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of Multipoint Distribution Service licensee(s) to avoid interference.
- (8) Operation in the Wireless Communications Services (WCS) bands requires consent of WCS licensee(s) to avoid interference.