

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

EXPERIMENTAL

(Nature of Service)

WE2XXY

(Call Sign)

XT      FX MO

(Class of Station)

0056-EX-ML-2009

(File Number)

NAME ALCATEL-LUCENT

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(d i) of the Commission's Rules

Station Locations

- (1) Whippany (MORRIS), NJ - NL 40-49-11; WL 74-24-37
- (2) Whippany (MORRIS), NJ - NL 40-48-48; WL 74-24-41
- (3) Murray Hill (UNION), NJ - NL 40-41-01; WL 74-24-06; MOBILE: , within 5 km

Frequency Information

Whippany (MORRIS), NJ - NL 40-49-11; WL 74-24-37

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 698-757 MHz   | FX            | 10M0F9W             | 1995 W (ERP)     | 0.001 %                   |
| 758-763 MHz   | FX            | 5M00F9W             | 1995 W (ERP)     | 0.001 %                   |
| 776-793 MHz   | FX            | 10M0F9W             | 1995 W (ERP)     | 0.001 %                   |
| 1710-1755 MHz | FX            | 10M0F9W             | 1995 W (ERP)     | 0.001 %                   |

This authorization effective July 07, 2009 and  
will expire 3:00 A.M. EST February 01, 2011

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Whippany (MORRIS), NJ - NL 40-49-11; WL 74-24-37

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1710-1755 MHz | FX            | 5M00F9W             | 1995 W (ERP)     | 0.001 %                   |
| 2110-2155 MHz | FX            | 10M0F9W<br>5M00F9W  | 1995 W (ERP)     | 0.001 %                   |

Whippany (MORRIS), NJ - NL 40-48-48; WL 74-24-41

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 698-757 MHz   | FX            | 10M0F9W             | 1995 W (ERP)     | 0.001 %                   |
| 758-763 MHz   | FX            | 5M00F9W             | 1995 W (ERP)     | 0.001 %                   |
| 776-793 MHz   | FX            | 10M0F9W             | 1995 W (ERP)     | 0.001 %                   |
| 1710-1755 MHz | FX            | 10M0F9W<br>5M00F9W  | 1995 W (ERP)     | 0.001 %                   |
| 2110-2155 MHz | FX            | 10M0F9W<br>5M00F9W  | 1995 W (ERP)     | 0.001 %                   |

## Frequency Information

Murray Hill (UNION), NJ - NL 40-41-01; WL 74-24-06; MOBILE: , within 5 km

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 698-757 MHz   | FX            | 10M0F9W             | 1995 W (ERP)     | 0.001 %                   |
| 758-763 MHz   | FX            | 5M00F9W             | 1995 W (ERP)     | 0.001 %                   |
| 776-793 MHz   | FX            | 10M0F9W             | 1995 W (ERP)     | 0.001 %                   |
| 1710-1755 MHz | FX            | 10M0F9W<br>5M00F9W  | 1995 W (ERP)     | 0.001 %                   |
| 1920-1980 MHz | MO            | 10M0F9W             | 15.9 W (ERP)     | 0.001 %                   |
| 2110-2155 MHz | FX            | 10M0F9W<br>5M00F9W  | 1995 W (ERP)     | 0.001 %                   |
| 2110-2170 MHz | FX            | 10M0F9W             | 15.9 W (ERP)     | 0.001 %                   |
| 2500-2570 MHz | MO            | 10M0F9W             | 15.9 W (ERP)     | 0.001 %                   |
| 2620-2690 MHz | FX            | 10M0F9W             | 15.9 W (ERP)     | 0.001 %                   |

## Special Conditions:

- (1) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.

**Special Conditions:**

- (2) Operation is subject to prior coordination with affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (3) 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.
- (4) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (5) Licensee shall prior coordinate with fixed point to point microwave users in the area.