

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

EXPERIMENTAL

(Nature of Service)

WC2XUJ

(Call Sign)

XD      FX MO

(Class of Station)

0217-EX-PL-2001

(File Number)

NAME Ensemble Communications 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. 5.202(i, d, f) of the Commission's Rules

Station Locations

- (1) San Diego (SAN DIEGO), CA - NL 32-53-07; WL 117-12-53; MOBILE:within 10 km, centered around NL 32-53-07; WL 117-12-53

Frequency Information

San Diego (SAN DIEGO), CA - NL 32-53-07; WL 117-12-53; MOBILE:within 10 km, centered around NL 32-53-07; WL 117-:

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 24250-25250 MHz | FX            | 25M0D7W             | 192.75 W (ERP)   | 0.001 %                   |
| 27515-28335 MHz | FX            | 25M0D7W             | 153.11 W (ERP)   | 0.001 %                   |
| 31000-31300 MHz | FX            | 25M0D7W             | 171.79 W (ERP)   | 0.001 %                   |
| 38600-40000 MHz | FX            | 25M0D7W             | 153.11 W (ERP)   | 0.001 %                   |

Special Conditions:

- (1) 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.
- (2) Subject to frequency coordination requirements under Part 101 of the Commission's Rules and compliance with the interference protection criteria as defined in Part 101.509 of the Commission's Rules.

This authorization effective September 01, 2001 and  
will expire 3:00 A.M. EST August 30, 2003

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COMMUNICATIONS  
COMMISSION**



**Special Conditions:**

- (3) Operation in any of the requested frequency bands should be prior coordinated with existing Part 101 licensees in accordance with Section 101.103(d) of the Commission's Rules. The licensee must obtain prior consent from the LMDS licensees in BTA402 for any operation in the 31000 31300 MHz band or the 27515 28335 MHz band. The licensee must obtain prior consent from the 39GHz licensees in BEA161 for any operation in the 38600 40000 MHz band.