

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

EXPERIMENTAL

(Nature of Service)

WD2XHR

(Call Sign)

XD      FX MO

(Class of Station)

0032-EX-RR-2006

(File Number)

NAME InterDigital Communications Corporation

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(i) of the Commission's Rules

Station Locations

- (1) Melville (SUFFOLK), NY - NL 40-46-15; WL 73-25-00; MOBILE: Melville (SUFFOLK)  
NY, within 5 km, centered around NL 40-46-15; WL 73-25-00

Frequency Information

Melville (SUFFOLK), NY - NL 40-46-15; WL 73-25-00; MOBILE: Melville (SUFFOLK) NY, within 5 km, centered around NL 40-46-15; WL 73-25-00

| Frequency         | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------------|---------------|---------------------|------------------|---------------------------|
| 1920.1-1925.1 MHz | FX            | 5M00D7W             | 20 W (ERP)       |                           |
| 1920.1-1925.1 MHz | MO            | 5M00D7W             | 20 W (ERP)       |                           |
| 1947.5-1952.5 MHz | FX            | 5M00D7W             | 20 W (ERP)       |                           |
| 1947.5-1952.5 MHz | MO            | 5M00D7W             | 20 W (ERP)       |                           |

This authorization effective March 01, 2006 and  
will expire 3:00 A.M. EST March 01, 2008

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Melville (SUFFOLK), NY - NL 40-46-15; WL 73-25-00; MOBILE: Melville (SUFFOLK) NY, within 5 km, centered around NL 40

| Frequency         | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------------|---------------|---------------------|------------------|---------------------------|
| 1947.7-1952.7 MHz | FX            | 5M00D7W             | 20 W (ERP)       |                           |
| 1947.7-1952.7 MHz | MO            | 5M00D7W             | 20 W (ERP)       |                           |
| 2110.1-2115.1 MHz | FX            | 5M00D7W             | 20 W (ERP)       |                           |
| 2110.1-2115.1 MHz | MO            | 5M00D7W             | 20 W (ERP)       |                           |
| 2137.5-2142.5 MHz | FX            | 5M00D7W             | 20 W (ERP)       |                           |
| 2137.5-2142.5 MHz | MO            | 5M00D7W             | 20 W (ERP)       |                           |
| 2137.7-2142.7 MHz | FX            | 5M00D7W             | 20 W (ERP)       |                           |
| 2137.7-2142.7 MHz | MO            | 5M00D7W             | 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) 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.
- (3) 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.

**Special Conditions:**

- (4) Operation in the frequency band 1920.1-1925.1 MHz is subject to prior coordination with existing and future licensees.