

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WD2XYZ

(Call Sign)

0276-EX-PL-2006

(File Number)

NAME Motorola, 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(f, g, i, j) of the Commission's Rules

Station Locations

- (1) MOBILE: Schaumburg, IL, base and mobile stations at temporary fixed locations, within 80 km, centered around NL 42-04-00; WL 88-03-00
- (2) MOBILE: Nationwide, base and mobile stations at temporary fixed locations

Frequency Information

MOBILE: Schaumburg, IL, base and mobile stations at temporary fixed locations, within 80 km, centered around NL 42-04-00; WL 88-03-00

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 5.85-5.925 GHz | MO            | 10M0D2D<br>20M0D2D  | 18.3 W (ERP)     |                           |

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This authorization effective March 12, 2007 and  
will expire 3:00 A.M. EST March 01, 2009

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**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) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (4) 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."
- (5) Licensee is authorized to conduct a maximum of three tests at any given time.
- (6) Licensee is authorized to operate a maximum of 200 fixed stations and 2000 mobile units at up to two test locations with an 80 km radius of operation each and a maximum of 100 fixed stations and 1000 mobile units at a third test location with an 80 km radius of operation.
- (7) Licensee shall comply with the power limits set forth in the FCC's rules applicable to the specific channel and type of device tested.
- (8) Licensee shall comply with the reduced power limits when operating devices for entities other than state and local governments.
- (9) Licensee is required to notify the Commission of the specific details of each individual test, including location, number of fixed and mobile units, power, emission designator, and any other pertinent technical information. No operation shall take place until the Commission has received the required notification. This notification should be uploaded electronically via the OET Experimental Licensing Branch's Electronic Filing Web Site at [https://gulfoss2.fcc.gov/prod/oet/index\\_els.html](https://gulfoss2.fcc.gov/prod/oet/index_els.html) using the "Add Attachments" feature.