

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

EXPERIMENTAL  
(Nature of Service)

WC2XYE  
(Call Sign)

XD      FX MO  
(Class of Station)

0224-EX-RR-2016  
(File Number)

NAME Motorola Solutions, 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(j) of the Commission's Rules

Station Locations

- (1) Schaumburg (COOK), IL - NL 42-03-54; WL 88-02-54; MOBILE: Schaumburg, IL, within 113 km, centered around NL 42-03-54; WL 88-02-54
- (2) Plantation (BROWARD), FL - NL 26-08-52; WL 80-15-14; MOBILE: Plantation, Florida, within 113 km, centered around NL 26-08-52; WL 80-15-14
- (3) Chicago (COOK), IL - NL 41-58-43; WL 87-50-34; MOBILE: Chicago, IL, within 113 km, centered around NL 41-58-43; WL 87-50-34
- (4) Palatine (COOK), IL - NL 42-07-23; WL 88-02-08; MOBILE: Palatine, IL, within 113 km, centered around NL 42-07-23; WL 88-02-08

Frequency Information

Schaumburg (COOK), IL - NL 42-03-54; WL 88-02-54; MOBILE: Schaumburg, IL, within 113 km, centered around NL 42-03-5

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 769-776 MHz | FX            |                     | 450 W (ERP)      |                           |
|             |               | 130KD7W             |                  |                           |
|             |               | 22K0F1D             |                  |                           |
|             |               | 11K0F1D             |                  |                           |
|             |               | 8K80D1W             |                  |                           |
|             |               | 16K8F1E             |                  |                           |
|             |               | 8K10F1E             |                  |                           |
|             |               | 11K0F2D             |                  |                           |
|             |               | 11K0F3E             |                  |                           |
|             |               | 8K10F1D             |                  |                           |

This authorization effective August 01, 2016 and  
will expire 3:00 A.M. EST August 01, 2018

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Schaumburg (COOK), IL - NL 42-03-54; WL 88-02-54; MOBILE: Schaumburg, IL, within 113 km, centered around NL 42-03-5

| Frequency   | Station Class | Emission Designator                                                                                                   | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|-----------------------------------------------------------------------------------------------------------------------|------------------|---------------------------|
| 769-776 MHz | FX            | 8K10D7W<br>9K80D7W                                                                                                    | 450 W (ERP)      |                           |
| 769-776 MHz | MO            | 130KD7W<br>22K0F1D<br>11K0F1D<br>8K80D1W<br>16K8F1E<br>8K10F1E<br>11K0F2D<br>11K0F3E<br>8K10D7W<br>9K80D7W<br>8K10F1D | 100 W (ERP)      |                           |
| 799-806 MHz | MO            | 130KD7W<br>22K0F1D<br>11K0F1D<br>8K80D1W<br>16K8F1E<br>8K10F1E<br>11K0F2D<br>11K0F3E<br>8K10D7W<br>9K80D7W<br>8K10F1D | 100 W (ERP)      |                           |

## Frequency Information

Plantation (BROWARD), FL - NL 26-08-52; WL 80-15-14; MOBILE: Plantation, Florida, within 113 km, centered around NL 26

| Frequency   | Station Class | Emission Designator                                                                                                   | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|-----------------------------------------------------------------------------------------------------------------------|------------------|---------------------------|
| 769-776 MHz | FX            | 130KD7W<br>22K0F1D<br>11K0F1D<br>8K80D1W<br>16K8F1E<br>8K10F1E<br>11K0F2D<br>11K0F3E<br>8K10D7W<br>9K80D7W<br>8K10F1D | 450 W (ERP)      |                           |
| 769-776 MHz | MO            | 130KD7W<br>22K0F1D<br>11K0F1D<br>8K80D1W<br>16K8F1E<br>8K10F1E<br>11K0F2D<br>11K0F3E<br>8K10D7W<br>9K80D7W<br>8K10F1D | 100 W (ERP)      |                           |
| 799-806 MHz | MO            | 130KD7F<br>22K0F1D<br>11K0F1D<br>8K80D1W<br>16K8F1E<br>8K10F1E<br>11K0F2D<br>11K0F3E<br>8K10F1D                       | 100 W (ERP)      |                           |

## Frequency Information

Plantation (BROWARD), FL - NL 26-08-52; WL 80-15-14; MOBILE: Plantation, Florida, within 113 km, centered around NL 26

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 799-806 MHz | MO            | 8K10D7W<br>9K80D7W  | 100 W (ERP)      |                           |

Chicago (COOK), IL - NL 41-58-43; WL 87-50-34; MOBILE: Chicago, IL, within 113 km, centered around NL 41-58-43; WL 87

| Frequency   | Station Class | Emission Designator                                                                                                   | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|-----------------------------------------------------------------------------------------------------------------------|------------------|---------------------------|
| 769-776 MHz | FX            | 130KD7W<br>22K0F1D<br>11K0F1D<br>8K80D1W<br>16K8F1E<br>8K10F1E<br>11K0F2D<br>11K0F3E<br>8K10F1D<br>9K80D7W<br>8K10D7W | 450 W (ERP)      |                           |
| 769-776 MHz | MO            | 11K0F1D<br>8K80D1W<br>16K8F1E<br>8K10F1E<br>11K0F2D<br>11K0F3E<br>8K10F1D<br>9K80D7W<br>8K10D7W<br>11K0F2D<br>11K0F3E | 100 W (ERP)      |                           |

## Frequency Information

Chicago (COOK), IL - NL 41-58-43; WL 87-50-34; MOBILE: Chicago, IL, within 113 km, centered around NL 41-58-43; WL 87-

| Frequency   | Station Class | Emission Designator                                                                                                   | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|-----------------------------------------------------------------------------------------------------------------------|------------------|---------------------------|
| 799-806 MHz | MO            | 130KD7W<br>22K0F1D<br>11K0F1D<br>8K80D1W<br>16K8F1E<br>8K10F1E<br>11K0F2D<br>11K0F3E<br>8K10F1D<br>9K80D7W<br>8K10D7W | 100 W (ERP)      |                           |

Palatine (COOK), IL - NL 42-07-23; WL 88-02-08; MOBILE: Palatine, IL, within 113 km, centered around NL 42-07-23; WL 88-

| Frequency   | Station Class | Emission Designator                                                                                                   | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|-----------------------------------------------------------------------------------------------------------------------|------------------|---------------------------|
| 769-776 MHz | FX            | 130KD7W<br>22K0F1D<br>11K0F1D<br>8K80D1W<br>16K8F1E<br>8K10F1E<br>11K0F2D<br>11K0F3E<br>8K10D7W<br>9K80D7W<br>8K10F1D | 450 W (ERP)      |                           |
| 769-776 MHz | MO            | 130KD7W<br>22K0F1D<br>11K0F1D<br>8K80D1W                                                                              | 100 W (ERP)      |                           |

## Frequency Information

Palatine (COOK), IL - NL 42-07-23; WL 88-02-08; MOBILE: Palatine, IL, within 113 km, centered around NL 42-07-23; WL 88-

| Frequency   | Station Class | Emission Designator                                                                                                   | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|-----------------------------------------------------------------------------------------------------------------------|------------------|---------------------------|
| 769-776 MHz | MO            | 16K8F1E<br>8K10F1E<br>11K0F2D<br>11K0F3E<br>8K10D7W<br>9K80D7W<br>8K10F1D                                             | 100 W (ERP)      |                           |
| 799-806 MHz | MO            | 130KD7W<br>22K0F1D<br>11K0F1D<br>8K80D1W<br>16K8F1E<br>8K10F1E<br>11K0F2D<br>11K0F3E<br>8K10D7W<br>9K80D7W<br>8K10F1D | 100 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Operation is subject to prior coordination with the appropriate public safety licensee in the area being used prior to using the channel.
- (5) Operations in the upper 700 MHz bands must be prior coordinated with existing and new Part 27 and Part 90 licensees to avoid interference.