

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

EXPERIMENTAL

(Nature of Service)

WI2XHY

(Call Sign)

XT      FX MO

(Class of Station)

0068-EX-CM-2016

(File Number)

NAME Cohere Technologies

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) Tracy (SAN JOAQUIN), CA - NL 37-43-48; WL 121-26-04; MOBILE: , within 25 km, centered around NL 37-43-48; WL 121-26-04
- (2) Castro Valley (ALAMEDA), CA - NL 37-42-19; WL 122-02-51; MOBILE: , within 1.35 km
- (3) Napa (NAPA), CA - NL 38-17-25; WL 122-17-15; MOBILE: , within 8 km
- (4) San Francisco (SAN FRANCISCO), CA - NL 37-47-22; WL 122-25-56; MOBILE: , within 4 km
- (5) San Francisco (SAN FRANCISCO), CA - NL 37-33-51; WL 122-26-55; MOBILE: , within 10.5 km
- (6) San Francisco (SAN FRANCISCO), CA - NL 37-14-18; WL 122-24-48; MOBILE: , within 2 km
- (7) Santa Clara (SANTA CLARA), CA - NL 37-22-13; WL 121-58-23; MOBILE: , within 5 km

Frequency Information

Tracy (SAN JOAQUIN), CA - NL 37-43-48; WL 121-26-04; MOBILE: , within 25 km, centered around NL 37-43-48; WL 121-26

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3650-3700 MHz |               |                     | 5 W (ERP)        |                           |
|               |               | 23M0W8W             |                  |                           |
|               |               | 23M0W8W             |                  |                           |
|               |               | 23M0W8W             |                  |                           |
|               |               | 23M0W8W             |                  |                           |

This authorization effective November 28, 2016 and  
will expire 3:00 A.M. EST April 01, 2018

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Castro Valley (ALAMEDA), CA - NL 37-42-19; WL 122-02-51; MOBILE: , within 1.35 km

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3650-3700 MHz |               | 23M0W8W             | 5 W (ERP)        |                           |
|               |               | 23M0W8W             |                  |                           |
|               |               | 23M0W8W             |                  |                           |
|               |               | 23M0W8W             |                  |                           |

Napa (NAPA), CA - NL 38-17-25; WL 122-17-15; MOBILE: , within 8 km

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3650-3700 MHz |               | 23M0W8W             | 10 W (ERP)       |                           |

San Francisco (SAN FRANCISCO), CA - NL 37-47-22; WL 122-25-56; MOBILE: , within 4 km

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3650-3700 MHz |               | 23M0W8W             | 10 W (ERP)       |                           |

San Francisco (SAN FRANCISCO), CA - NL 37-33-51; WL 122-26-55; MOBILE: , within 10.5 km

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3650-3700 MHz |               | 23M0W8W             | 10 W (ERP)       |                           |

Frequency Information

San Francisco (SAN FRANCISCO), CA - NL 37-14-18; WL 122-24-48; MOBILE: , within 2 km

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3650-3700 MHz | FX            | 10M0W8W             | 10 W (ERP)       |                           |

Santa Clara (SANTA CLARA), CA - NL 37-22-13; WL 121-58-23; MOBILE: , within 5 km

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3650-3700 MHz | FX            | 10M0F9W             | 10 W (ERP)       |                           |
|               |               | 10M0F9W             |                  |                           |
|               |               | 10M0F9W             |                  |                           |

Special Conditions:

- (1) Licensee shall maintain separation from grandfathered earth stations as defined in Part 90 subpart Z, or coordinate an agreement with the grandfathered earth station licensees prior to operation in the proposed frequency bands
- (2) Licensee shall consult the ULS database to ensure that the operation will not cause harmful interference to any existing registered stations in the 3650-3700 MHz band , and notify the registered users in the area prior to operation in the 3650-3700 MHz.