

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

EXPERIMENTAL

(Nature of Service)

WI2XXS

(Call Sign)

XT      FX

(Class of Station)

0284-EX-CN-2017

(File Number)

NAME SpiderCloud Wireless, 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(h & j) of the Commission's Rules

Station Locations

(1) Milpitas (SANTA CLARA), CA - NL 37-24-38; WL 121-54-47

Frequency Information

Milpitas (SANTA CLARA), CA - NL 37-24-38; WL 121-54-47

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3650-3700 MHz | FX            | 20M0G7W             | 14.125 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 must maintain operation separation from the grandfathered earth stations as defined in Part 90, Sub-part Z, or coordinate and agreement with the grandfathered earth station licensees prior to accessing to 3650-3700 MHz.
- (3) Licensee must 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 proposed area.

This authorization effective May 23, 2017 and  
will expire 3:00 A.M. EST June 01, 2019

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**Special Conditions:**

- (4) At least 5 business days prior to operating, SpiderCloud Wireless, Inc., must notify licensees of earth stations operating in adjacent band above 3700 MHz within 20 kilometers of the locations from which experimental operations will occur. SpiderCloud Wireless, Inc., must also provide such notification to the National Spectrum Managers Association frequency coordinators by email. (see [http://wireless.fcc.gov/services/index.htm?job=licensing\\_1&id=microwave](http://wireless.fcc.gov/services/index.htm?job=licensing_1&id=microwave) ). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna pattern, antenna height(s), antenna orientation, eirp density) and day and times of each test. Consult the IBFS database to identify licensed earth station above 3700 MHz band.