

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

EXPERIMENTAL

(Nature of Service)

XD      FX

(Class of Station)

WH2XOY

(Call Sign)

0648-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) San Diego (SAN DIEGO), CA - NL 33-01-21; WL 117-05-39

Frequency Information

San Diego (SAN DIEGO), CA - NL 33-01-21; WL 117-05-39

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1930-1935 MHz | FX            | 3M84G7W             | 250 mW (ERP)     |                           |
| 1935-1945 MHz | FX            | 3M84G7W             | 250 mW (ERP)     |                           |
| 1935-1945 MHz | FX            | 3M84G7W             | 250 mW (ERP)     |                           |
| 1945-1955 MHz | FX            | 3M84G7W             | 250 mW (ERP)     |                           |

This authorization effective October 31, 2017 and  
will expire 3:00 A.M. EST November 01, 2019

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

San Diego (SAN DIEGO), CA - NL 33-01-21; WL 117-05-39

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1955-1965 MHz | FX            | 3M84G7W             | 250 mW (ERP)     |                           |
| 1965-1970 MHz | FX            | 3M84G7W             | 250 mW (ERP)     |                           |
| 1970-1975 MHz | FX            | 3M84G7W             | 250 mW (ERP)     |                           |
| 1975-1980 MHz | FX            | 3M84G7W             | 250 mW (ERP)     |                           |
| 1980-1985 MHz | FX            | 3M84G7W             | 250 mW (ERP)     |                           |
| 1985-1990 MHz | FX            | 3M84G7W             | 250 mW (ERP)     |                           |
| 2110-2120 MHz | FX            | 10M0G7W             | 250 mW (ERP)     |                           |
| 2120-2130 MHz | FX            | 10M0G7W             | 250 mW (ERP)     |                           |
| 2130-2140 MHz | FX            | 10M0G7W             | 250 mW (ERP)     |                           |
| 2140-2155 MHz | FX            | 10M0G7W             | 250 mW (ERP)     |                           |

**Special Conditions:**

- (1) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (2) 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.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.