

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

EXPERIMENTAL

(Nature of Service)

XT      FX MO

(Class of Station)

WJ2XPI

(Call Sign)

0251-EX-CM-2018

(File Number)

NAME Aeronet Global Communications 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 & k) of the Commission's Rules

Station Locations

- (1) Riviera Beach (PALM BEACH), FL - NL 26-47-13; WL 80-02-01
- (2) Riviera Beach (PALM BEACH), FL - NL 26-47-13; WL 80-02-01
- (3) Riviera Beach (PALM BEACH), FL - NL 26-46-13; WL 80-03-09
- (4) Riviera Beach (PALM BEACH), FL - NL 26-46-13; WL 80-03-09
- (5) MOBILE: Ship in Atlantic Ocean,, within 80 km, centered around NL 26-34-21; WL 79-23-45
- (6) MOBILE: Ship in Atlantic Ocean, see exhibit for details
- (7) MOBILE: Aircraft over Atlantic Ocean, see exhibit
- (8) MOBILE: Aircraft over Atlantic Ocean, see exhibit

Frequency Information

Riviera Beach (PALM BEACH), FL - NL 26-47-13; WL 80-02-01

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 74 GHz    | FX            | 1G00D7D             | 61 kW (ERP)      | 0.00001 %                 |
| 74 GHz    | FX            | 1G00D7D             | 92 kW (ERP)      | 0.00001 %                 |

This authorization effective December 20, 2018 and  
will expire 3:00 A.M. EST September 01, 2020

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Riviera Beach (PALM BEACH), FL - NL 26-47-13; WL 80-02-01

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 73.5-74.25 GHz | FX            | 750MD7D             | 16 kW (ERP)      | 0.00001 %                 |
| 73.5-74.5 GHz  | FX            | 1G00D7D             | 16 kW (ERP)      | 0.00001 %                 |

Riviera Beach (PALM BEACH), FL - NL 26-46-13; WL 80-03-09

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 73.5-74.25 GHz | FX            | 750MD7D             | 16 kW (ERP)      | 0.00001 %                 |
| 74 GHz         | FX            | 1G00D7D             | 16 kW (ERP)      | 0.00001 %                 |

Riviera Beach (PALM BEACH), FL - NL 26-46-13; WL 80-03-09

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 74 GHz    | FX            | 1G00D7D             | 61 kW (ERP)      | 0.00001 %                 |
| 74 GHz    | FX            | 1G00D7D             | 92 kW (ERP)      | 0.00001 %                 |

## Frequency Information

MOBILE: Ship in Atlantic Ocean,, within 80 km, centered around NL 26-34-21; WL 79-23-45

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 83.5-84.5 GHz | MO            | 1G00D7D             | 61 kW (ERP)      | 0.00001 %                 |
| 84 GHz        | MO            | 1G00D7D             | 92 kW (ERP)      | 0.00001 %                 |

MOBILE: Ship in Atlantic Ocean, see exhibit for details

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 83.5-84.25 GHz | MO            | 750MD7D             | 16 kW (ERP)      | 0.00001 %                 |
| 83.5-84.5 GHz  | MO            | 1G00D7D             | 16 kW (ERP)      | 0.00001 %                 |

MOBILE: Aircraft over Atlantic Ocean, see exhibit

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 83.5-84.5 GHz | MO            | 1G00D7D             | 61 kW (ERP)      | 0.00001 %                 |
| 84 GHz        | MO            | 1G00D7D             | 92 kW (ERP)      | 0.00001 %                 |

## Frequency Information

MOBILE: Aircraft over Atlantic Ocean, see exhibit

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 83.5-84.25 GHz | MO            | 750MD7D             | 16 kW (ERP)      | 0.00001 %                 |
| 83.5-84.5 GHz  | MO            | 1G00D7D             | 16 kW (ERP)      | 0.00001 %                 |

## Special Conditions:

- (1) All transmitting and/or receiving equipment used in the study shall be owned by the licensee.
- (2) 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."
- (3) Licensee is required to ensure that trial devices are either rendered inoperable or retrieved by them from trial participants at the conclusion of the trial. Licensee is required to notify trial participants in advance that operation of the trial device is subject to this condition.
- (4) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (5) Licensee shall coordinate the operation with the existing users in 71-76 GHz and 81-86 GHz bands in each requested area prior to commencing the experimental operations.