

**United States of America  
FEDERAL COMMUNICATIONS COMMISSION  
EXPERIMENTAL  
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WK9XAV

(Call Sign)

XT      FX MO

(Class of Station)

0997-EX-ST-2016

(File Number)

NAME Parallel Wireless, Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

**Purpose Of Operation:**

The objective of this demonstration is to showcase network capabilities of the experimental Parallel Wireless system in the Band 14 public safety LTE band. The demonstration was

**Station Locations**

- (1) Cleveland (CUYAHOGA), OH - NL 41-29-49; WL 81-41-24
- (2) Cleveland (CUYAHOGA), OH - NL 41-29-56; WL 81-41-19
- (3) Cleveland (CUYAHOGA), OH - NL 41-29-55; WL 81-41-10
- (4) MOBILE: Moving throughout the 4 Station Locations.
- (5) Cleveland (CUYAHOGA), OH - NL 41-29-57; WL 81-40-49

**Frequency Information**

Cleveland (CUYAHOGA), OH - NL 41-29-49; WL 81-41-24

| Frequency   | Station Class | Emission Designator | Authorized Power    | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|---------------------|---------------------------|
| 758-768 MHz | FX            | 10M0F9W             | 40 W (Output Power) |                           |
| 788-798 MHz | FX            | 10M0F9W             | 40 W (Output Power) |                           |

This authorization effective July 15, 2016 and  
will expire 3:00 A.M. EST July 23, 2016

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Cleveland (CUYAHOGA), OH - NL 41-29-56; WL 81-41-19

| Frequency   | Station Class | Emission Designator | Authorized Power    | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|---------------------|---------------------------|
| 758-768 MHz | FX            | 10M0F9W             | 40 W (Output Power) |                           |
| 788-798 MHz | FX            | 10M0F9W             | 40 W (Output Power) |                           |

Cleveland (CUYAHOGA), OH - NL 41-29-55; WL 81-41-10

| Frequency   | Station Class | Emission Designator | Authorized Power    | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|---------------------|---------------------------|
| 758-768 MHz | FX            | 10M0F9W             | 40 W (Output Power) |                           |
| 788-798 MHz | FX            | 10M0F9W             | 40 W (Output Power) |                           |

MOBILE: Moving throughout the 4 Station Locations.

| Frequency   | Station Class | Emission Designator | Authorized Power   | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|--------------------|---------------------------|
| 758-768 MHz | MO            | 10M0F9W             | 1 W (Output Power) |                           |
| 788-798 MHz | MO            | 10M0F9W             | 1 W (Output Power) |                           |

## Frequency Information

Cleveland (CUYAHOGA), OH - NL 41-29-57; WL 81-40-49

| Frequency   | Station Class | Emission Designator | Authorized Power    | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|---------------------|---------------------------|
| 758-768 MHz | FX            | 10M0F9W             | 40 W (Output Power) |                           |
| 788-798 MHz | FX            | 10M0F9W             | 40 W (Output Power) |                           |

## Special Conditions:

- (1) • Applicant agrees that project limited to testing, experimentation or trial and may not involve live-duty operations by first responders or others to protect life, property, or safety.
- Applicant agrees that any press release to be issued regarding the STA, surrounding demonstration, or use of Band 14 spectrum relating to the STA must be coordinated with and receive written signoff from FirstNet prior to release (POCs: ryan.oremland@firstnet.gov and justin.shore@firstnet.gov).
- Applicant certifies that the Governor-appointed FirstNet Single Point of Contact within the proposed STA location has been notified of STA application (contact information available at [www.firstnet.gov/consultation](http://www.firstnet.gov/consultation)).
- Applicant must accept interference from any other user of Band 14 and must coordinate operation with other authorized Band 14 STAs/ELs. Failure to effectively coordinate shall result in immediate suspension of STA until such time, as determined by FirstNet, that project may continue.
- Applicant must not cause interference to FirstNet operations or those approved to operate in Band 14 per license (i.e. SMLA licensees/current incumbents). Failure to effectively coordinate shall result in immediate suspension of STA until such time, as determined by FirstNet, that project may continue.
- Applicant certifies that it has verified with reasonable supporting detail no current potential for interference with FirstNet operations or those approved to operate in Band 14 per STA/EL or license (i.e. SMLA licensees/current incumbents).
- POC is established and sent to FirstNet upon STA approval with "kill switch" authority; Applicant agrees to immediately cease operations at request of FirstNet upon receipt (in any form and for any reason) of request to kill switch POC until such time, as determined by FirstNet, that project may continue.