

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

EXPERIMENTAL

(Nature of Service)

XD      FX MO

(Class of Station)

WC2XUV

(Call Sign)

0057-EX-ML-2008

(File Number)

NAME Current Technologies, LLC

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(i, j) of the Commission's Rules

Station Locations

- (1) Statewide, OH; MOBILE: Statewide, OH
- (2) Statewide, IN; MOBILE: Statewide, IN
- (3) Statewide, MD; MOBILE: Statewide, MD
- (4) Statewide, CA - NL 38-31-00; WL 121-30-00
- (5) statewide, MI - NL 42-43-56; WL 84-33-20
- (6) statewide, HI - NL 21-18-24; WL 157-51-31
- (7) statewide, TX - NL 30-18-00; WL 97-42-00
- (8) statewide, NC - NL 35-52-00; WL 78-47-00
- (9) statewide, FL - NL 30-23-00; WL 84-22-00
- (10) Statewide, CO - NL 39-41-39; WL 104-59-15
- (11) Statewide, NY - NL 42-40-20; WL 73-44-09
- (12) Statewide, NJ - NL 40-16-03; WL 74-47-09

Frequency Information

Statewide, OH; MOBILE: Statewide, OH

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 1.7-80 MHz | FX            | 34M0D1D             |                  |                           |

This authorization effective May 23, 2008 and  
will expire 3:00 A.M. EST February 01, 2010

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Statewide, IN; MOBILE: Statewide, IN

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 1.7-80 MHz | FX            | 34M0D1D             |                  |                           |

Statewide, MD; MOBILE: Statewide, MD

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 1.7-80 MHz | FX            | 34M0D1D             |                  |                           |

Statewide, CA - NL 38-31-00; WL 121-30-00

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 1.7-80 MHz | FX            | 34M0D1D             |                  |                           |

statewide, MI - NL 42-43-56; WL 84-33-20

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 1.7-80 MHz | FX            | 34M0D1D             |                  |                           |

## Frequency Information

statewide, HI - NL 21-18-24; WL 157-51-31

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 1.7-80 MHz | FX            | 34M0D1D             |                  |                           |

statewide, TX - NL 30-18-00; WL 97-42-00

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 1.7-80 MHz | FX            | 34M0D1D             |                  |                           |

statewide, NC - NL 35-52-00; WL 78-47-00

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 1.7-80 MHz | FX            | 34M0D1D             |                  |                           |

statewide, FL - NL 30-23-00; WL 84-22-00

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 1.7-80 MHz | FX            | 34M0D1D             |                  |                           |

## Frequency Information

Statewide, CO - NL 39-41-39; WL 104-59-15

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 1.7-80 MHz | FX            | 34M0D1D             |                  |                           |

Statewide, NY - NL 42-40-20; WL 73-44-09

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 1.7-80 MHz | FX            | 34M0D1D             |                  |                           |

Statewide, NJ - NL 40-16-03; WL 74-47-09

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 1.7-80 MHz | FX            | 34M0D1D             |                  |                           |

## Special Conditions:

- (1) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (4) Licensee is required to file a PROGRESS REPORT every 6 months from the date of grant. This progress report shall be filed with Federal Communications Commission; Experimental Licensing Branch, MS 1300E1; 445 12 Street, S.W.; Washington, DC 20554 or uploaded electronically via the OET Experimental Licensing Branch's Electronic Filing Web Site at [https://gulfoss2.fcc.gov/prod/oet/index\\_els.html](https://gulfoss2.fcc.gov/prod/oet/index_els.html) by using the "Add Attachments" feature.
- (5) The PROGRESS REPORT should include, but is not limited to, a description of measurements and results demonstrating compliance with Part 15.109.
- (6) Market study testing is authorized with the use of up to 300 units per state.
- (7) CISPR quasi-peak measurements are to be taken in the linear mode only.