

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

EXPERIMENTAL

(Nature of Service)

XT      FX

(Class of Station)

WH2XWW

(Call Sign)

0156-EX-ML-2015

(File Number)

NAME ELTA North America

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) of the Commission's Rules

Station Locations

- (1) Fulton (HOWARD), MD - NL 39-09-09; WL 76-54-33
- (2) Sierra Vista (COCHISE), AZ - NL 31-33-19; WL 110-20-59
- (3) Kingwood (PRESTON), WV - NL 39-26-43; WL 79-40-12
- (4) Hattiesburg (PERRY), MS - NL 31-11-16; WL 89-11-57
- (5) Lordsburg (HIDALGO), NM - NL 31-39-47; WL 108-40-50
- (6) Lordsburg (HIDALGO), NM - NL 32-01-32; WL 109-01-35
- (7) Bowling Green (CAROLINE), VA - NL 38-04-16; WL 77-19-03
- (8) Lawton (COMANCHE), OK - NL 34-38-23; WL 98-23-43
- (9) San Miguel (SAN LUIS OBISPO), CA - NL 35-47-27; WL 120-44-36

Frequency Information

Fulton (HOWARD), MD - NL 39-09-09; WL 76-54-33

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 10.55-10.6 GHz | FX            | 21M3Q0N<br>21M3P0N  | 50.84 kW (ERP)   | 0.01 %                    |

This authorization effective July 14, 2015 and  
will expire 3:00 A.M. EST July 01, 2020

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Sierra Vista (COCHISE), AZ - NL 31-33-19; WL 110-20-59

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 10.55-10.6 GHz | FX            | 21M3Q0N<br>21M3P0N  | 50.84 kW (ERP)   | 0.01 %                    |

Kingwood (PRESTON), WV - NL 39-26-43; WL 79-40-12

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 10.55-10.6 GHz | FX            | 21M3P0N<br>21M3Q0N  | 50.8 kW (ERP)    | 0.01 %                    |

Hattiesburg (PERRY), MS - NL 31-11-16; WL 89-11-57

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 10.55-10.6 GHz | FX            | 21M3P0N<br>21M3Q0N  | 50.84 kW (ERP)   | 0.01 %                    |

Lordsburg (HIDALGO), NM - NL 31-39-47; WL 108-40-50

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 10.55-10.6 GHz | FX            | 21M3Q0N<br>21M3P0N  | 50.84 kW (ERP)   | 0.01 %                    |

## Frequency Information

Lordsburg (HIDALGO), NM - NL 32-01-32; WL 109-01-35

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 10.55-10.6 GHz | FX            | 21M3Q0N<br>21M3P0N  | 50.84 kW (ERP)   | 0.01 %                    |

Bowling Green (CAROLINE), VA - NL 38-04-16; WL 77-19-03

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 10.55-10.6 GHz | FX            | 21M3Q0N<br>21M3P0N  | 50.84 kW (ERP)   | 0.01 %                    |

Lawton (COMANCHE), OK - NL 34-38-23; WL 98-23-43

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 10.55-10.6 GHz | FX            | 21M3Q0N<br>21M3P0N  | 50.84 kW (ERP)   | 0.01 %                    |

San Miguel (SAN LUIS OBISPO), CA - NL 35-47-27; WL 120-44-36

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 10.55-10.6 GHz | FX            | 21M3Q0N<br>21M3P0N  | 50.84 kW (ERP)   | 0.01 %                    |

## Special Conditions:

- (1) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.

**Special Conditions:**

- (2) 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.