

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

EXPERIMENTAL

(Nature of Service)

WG2XAW

(Call Sign)

XT FX MO

(Class of Station)

0070-EX-CR-2019

(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(d) of the Commission's Rules

Station Locations

- (1) Tucson (PIMA), AZ - NL 32-10-00; WL 110-54-52
- (2) Annapolis Junction (HOWARD), MD - NL 39-07-32; WL 76-47-39
- (3) Marana (PIMA), AZ - NL 32-25-05; WL 111-08-17
- (4) McAllen (HIDALGO), TX - NL 26-07-51; WL 98-16-27
- (5) McAllen (HIDALGO), TX - NL 26-08-01; WL 98-17-18
- (6) Tucson (PIMA), AZ - NL 32-05-25; WL 110-49-15
- (7) Phoenix (MARICOPA), AZ - NL 33-40-49; WL 112-06-11
- (8) Bandera (BANDERA), TX - NL 29-42-44; WL 99-04-17
- (9) MOBILE: Mississippi State University, North Farm, within 5 km, centered around NL 33-28-45; WL 88-47-00
- (10) MOBILE: Mississippi State University, North Farm, within 5 km, centered around NL 33-28-13; WL 88-46-07
- (11) MOBILE: Mississippi State University, South Farm, within 5 km, centered around NL 33-26-34; WL 88-47-35
- (12) MOBILE: Mississippi State University, South Farm, within 5 km, centered around NL 33-24-27; WL 88-47-47
- (13) MOBILE: Maritime Applied Physics Corporation, within 5 km, centered around NL 39-14-43; WL 76-34-22

This authorization effective March 01, 2019 and
will expire 3:00 A.M. EST March 01, 2024

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Tucson (PIMA), AZ - NL 32-10-00; WL 110-54-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10250-10500 MHz	FX	50M0F3N	384.7 W (ERP)	0.005 %

Annapolis Junction (HOWARD), MD - NL 39-07-32; WL 76-47-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10250-10500 MHz	FX	50M0F3N	384.7 W (ERP)	0.005 %

Marana (PIMA), AZ - NL 32-25-05; WL 111-08-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10250-10500 MHz	FX	50M0F3N	384.7 W (ERP)	0.005 %

McAllen (HIDALGO), TX - NL 26-07-51; WL 98-16-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10250-10500 MHz	FX	50M0F3N	384.7 W (ERP)	0.005 %

Frequency Information

McAllen (HIDALGO), TX - NL 26-08-01; WL 98-17-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10250-10500 MHz	FX	50M0F3N	384.7 W (ERP)	0.005 %

Tucson (PIMA), AZ - NL 32-05-25; WL 110-49-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10.25-10.5 GHz	FX	50M0F3N	384.7 W (ERP)	0.005 %

Phoenix (MARICOPA), AZ - NL 33-40-49; WL 112-06-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10.25-10.5 GHz	FX	50M0F3N	384.7 W (ERP)	0.005 %

Bandera (BANDERA), TX - NL 29-42-44; WL 99-04-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10.25-10.5 GHz	FX	50M0F3N	384.7 W (ERP)	0.005 %

Frequency Information

MOBILE: Mississippi State University, North Farm, within 5 km, centered around NL 33-28-45; WL 88-47-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10250-10500 MHz	MO	50M0F3N	384.7 W (ERP)	0.005 %

MOBILE: Mississippi State University, North Farm, within 5 km, centered around NL 33-28-13; WL 88-46-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10250-10500 MHz	MO	50M0F3N	384.7 W (ERP)	0.005 %

MOBILE: Mississippi State University, South Farm, within 5 km, centered around NL 33-26-34; WL 88-47-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10250-10500 MHz	MO	50M0F3N	384.7 W (ERP)	0.005 %

MOBILE: Mississippi State University, South Farm, within 5 km, centered around NL 33-24-27; WL 88-47-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10250-10500 MHz	MO	50M0F3N	384.7 W (ERP)	0.005 %

Frequency Information

MOBILE: Maritime Applied Physics Corporation, within 5 km, centered around NL 39-14-43; WL 76-34-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10250-10500 MHz	MO	50M0F3N	384.7 W (ERP)	0.005 %

Special Conditions:

- (1) 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.
- (2) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.