

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WL2XKJ

(Call Sign)

1019-EX-CN-2020

(File Number)

NAME Technology Service Corporation

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(h) of the Commission's Rules

Station Locations

- (1) MOBILE: 12500 ft AGL, Huntsville, AL, within 115 km, centered around NL 34-38-29;
WL 86-46-30
- (2) MOBILE: 12500 ft AGL, Apalachicola, FL, within 115 km, centered around NL 29-43-39;
WL 85-01-38

Frequency Information

MOBILE: 12500 ft AGL, Huntsville, AL, within 115 km, centered around NL 34-38-29; WL 86-46-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.45-9.9 GHz	MO	120MQ3N 120MP0N 120MW1D	5623 W (ERP)	1.0E-8 %

MOBILE: 12500 ft AGL, Apalachicola, FL, within 115 km, centered around NL 29-43-39; WL 85-01-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.45-9.9 GHz	MO	120MP0N	5623 W (ERP)	1.0E-8 %

This authorization effective February 25, 2021 and
will expire 3:00 A.M. EST March 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: 12500 ft AGL, Apalachicola, FL, within 115 km, centered around NL 29-43-39; WL 85-01-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.45-9.9 GHz	MO	120MQ3N 120MW1D	5623 W (ERP)	1.0E-8 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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.
- (3) The designated point of contact to terminate the systems if interference occurs is Kristen Steuer at 256-203-7592.