

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WK2XLO

(Call Sign)

0042-EX-CM-2021

(File Number)

NAME SRC, Inc.

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(a & j) of the Commission's Rules

Station Locations

- (1) MOBILE: Logan, UT: altitude up to 8000 feet AGL, within 40 km, centered around NL 41-44-09; WL 111-51-36
- (2) MOBILE: Grantsville, UT: altitude up to 8000 feet AGL, within 40 km, centered around NL 40-59-12; WL 112-59-11
- (3) MOBILE: Syracuse, NY: altitude up to 8000 feet AGL, within 40 km, centered around NL 43-07-44; WL 76-05-03
- (4) MOBILE: Rome, NY: altitude up to 8000 feet AGL, within 40 km, centered around NL 43-14-11; WL 75-24-28
- (5) MOBILE: Edwards AFB, CA: altitude up to 2286 feet MSL, within 70 km, centered around NL 34-59-26; WL 117-51-47
- (6) MOBILE: Moose Creek, AK: altitude up to 8554 ft. MSL, within 55.6 km, centered around NL 64-38-45; WL 147-03-30

Frequency Information

MOBILE: Logan, UT: altitude up to 8000 feet AGL, within 40 km, centered around NL 41-44-09; WL 111-51-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.5-10.5 GHz	MO	400MQ3N	1.537 kW (ERP)	

This authorization effective May 19, 2021 and
will expire 3:00 A.M. EST October 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Logan, UT: altitude up to 8000 feet AGL, within 40 km, centered around NL 41-44-09; WL 111-51-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.5-10 GHz	MO	400MQ3N	1.537 kW (ERP)	
10.025-10.5 GHz	MO	400MQ3N	1.537 kW (ERP)	

MOBILE: Grantsville, UT: altitude up to 8000 feet AGL, within 40 km, centered around NL 40-59-12; WL 112-59-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.5-10.5 GHz	MO	400MQ3N	1.537 kW (ERP)	
9.5-10 GHz	MO	400MQ3N	1.537 kW (ERP)	
10.025-10.5 GHz	MO	400MQ3N	1.537 kW (ERP)	

MOBILE: Syracuse, NY: altitude up to 8000 feet AGL, within 40 km, centered around NL 43-07-44; WL 76-05-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.5-9.995 GHz	MO	400MQ3N	1.537 kW (ERP)	

Frequency Information

MOBILE: Rome, NY: altitude up to 8000 feet AGL, within 40 km, centered around NL 43-14-11; WL 75-24-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.5-10 GHz	MO	400MQ3N	1.537 kW (ERP)	
9.5-10.5 GHz	MO	400MQ3N	1.537 kW (ERP)	
10.25-10.5 GHz	MO	400MQ3N	1.537 kW (ERP)	

MOBILE: Edwards AFB, CA: altitude up to 2286 feet MSL, within 70 km, centered around NL 34-59-26; WL 117-51-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9500-10000 MHz	MO	400MQ3N	1.537 kW (ERP)	
10025-10500 MHz	MO	400MQ3N	1.537 kW (ERP)	

MOBILE: Moose Creek, AK: altitude up to 8554 ft. MSL, within 55.6 km, centered around NL 64-38-45; WL 147-03-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.5-10.5 GHz	MO	400MQ3N	1.537 kW (Output Power)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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.

Special Conditions:

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