

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WE2XLN

(Call Sign)

0003-EX-AL-2020

(File Number)

NAME L3 Technologies, 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(j) of the Commission's Rules

Station Locations

- (1) MOBILE: Research and Development facilities in Orlando, FL, within 1 km, centered around NL 28-27-14; WL 81-24-23
- (2) MOBILE: Testing and demonstration in areas of Arlington, VA and Washington, D.C., within 5 km, centered around NL 38-51-46; WL 77-03-04
- (3) MOBILE: Corporate testing facilities and offices, Woburn, MA, within 1 km, centered around NL 42-30-16; WL 71-07-51
- (4) MOBILE: CACI Technologies corporate campus, Tinton Falls, NJ, within 1 km, centered around NL 40-19-50; WL 74-04-54
- (5) MOBILE: First responder training academy base in Fairfax, VA, within 1 km, centered around NL 38-51-46; WL 77-03-04
- (6) MOBILE: Testing and demonstration in the Washington, D.C. area, within 3 km, centered around NL 38-54-08; WL 77-01-22
- (7) MOBILE: MSA North America campus, within 5 km, centered around NL 40-40-42; WL 80-05-23
- (8) MOBILE: Training academy campus, within 1 km, centered around NL 40-35-16; WL 80-00-38
- (9) MOBILE: Research and Development facilities in Orlando, FL, within 1 km, centered around NL 28-34-03; WL 81-42-24

This authorization effective February 21, 2020 and
will expire 3:00 A.M. EST December 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Research and Development facilities in Orlando, FL, within 1 km, centered around NL 28-27-14; WL 81-24-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2070-2195 MHz	MO	N0N	152 uW (ERP)	
2.9-3.6 GHz	MO	N0N	250 uW (ERP)	

MOBILE: Testing and demonstration in areas of Arlington, VA and Washington, D.C., within 5 km, centered around NL 38-51-46; WL 77-03-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2070-2195 MHz	MO	N0N	152 uW (ERP)	
2.9-3.6 GHz	MO	N0N	250 uW (ERP)	

MOBILE: Corporate testing facilities and offices, Woburn, MA, within 1 km, centered around NL 42-30-16; WL 71-07-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2070-2195 MHz	MO	10M0N0N	152 uW (ERP)	
2.9-3.6 GHz	MO	N0N	250 uW (ERP)	

Frequency Information

MOBILE: CACI Technologies corporate campus, Tinton Falls, NJ, within 1 km, centered around NL 40-19-50; WL 74-04-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2070-2195 MHz	MO	N0N	152 uW (ERP)	
2.9-3.6 GHz	MO	N0N	250 uW (ERP)	

MOBILE: First responder training academy base in Fairfax, VA, within 1 km, centered around NL 38-51-46; WL 77-03-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2070-2195 MHz	MO	N0N	152 uW (ERP)	
2.9-3.6 GHz	MO	N0N	250 uW (ERP)	

MOBILE: Testing and demonstration in the Washington, D.C. area, within 3 km, centered around NL 38-54-08; WL 77-01-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2070-2195 MHz	MO	N0N	152 uW (ERP)	
2.9-3.6 GHz	MO	N0N	250 uW (ERP)	

Frequency Information

MOBILE: MSA North America campus, within 5 km, centered around NL 40-40-42; WL 80-05-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2070-2195 MHz	MO	N0N	152 uW (ERP)	
2.9-3.6 GHz	MO	N0N	250 uW (ERP)	

MOBILE: Training academy campus, within 1 km, centered around NL 40-35-16; WL 80-00-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2070-2195 MHz	MO	N0N	152 uW (ERP)	
2.9-3.6 GHz	MO	N0N	250 uW (ERP)	

MOBILE: Research and Development facilities in Orlando, FL, within 1 km, centered around NL 28-34-03; WL 81-42-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2070-2195 MHz	MO	N0N	152 uW (ERP)	
2.9-3.6 GHz	MO	N0N	250 uW (ERP)	

Special Conditions:

- (1) Operation in the 1695-1780 MHz, 1915-1920 MHz, 1995-2020 MHz or 2110-2200 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

Special Conditions:

- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) 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.
- (5) Operation is subject to prior coordination with Fixed Microwave licensees in the 2110-2180 MHz band, and with Local TV Transmission licensees in the 2025-2110 MHz band.