

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WL2XGC

(Call Sign)

0738-EX-CN-2020

(File Number)

NAME L3 Harris

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) of the Commission's Rules

Station Locations

- (1) MOBILE: Leonard, TX, within 5 km, centered around NL 33-19-51; WL 96-14-56
- (2) MOBILE: Plano, TX, within 10 km, centered around NL 33-04-02; WL 96-41-09

Frequency Information

MOBILE: Leonard, TX, within 5 km, centered around NL 33-19-51; WL 96-14-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.9-17.8 GHz	MO	250MP1N 250MG1N 250MQ1N	150 W (ERP)	

MOBILE: Plano, TX, within 10 km, centered around NL 33-04-02; WL 96-41-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.9-17.8 GHz	MO	250MP1N 250MG1N	150 W (ERP)	

This authorization effective October 08, 2020 and
will expire 3:00 A.M. EST October 01, 2022

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COMMUNICATIONS
COMMISSION**



Frequency Information

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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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) L3 Harris shall coordinate with the local Society of Broadcast Engineer frequency coordinator and the Fixed Microwave Service licensees in the proposed areas in accordance with 47 C.F.R, Part 101.103(d) prior to operation in the proposed bands.
- (4) Prior to commencing any operations in the 17.3-17.8 GHz frequency band, L3 Harris must notify the licensees the test dates and provide a stop buzzer in case of interference.
- (5) Stop Buzzer: Chase Dunn at 469-974-9439, chase.dunn@l3harris.com