

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

EXPERIMENTAL

(Nature of Service)

WD2XTV

(Call Sign)

XD FX MO

(Class of Station)

0013-EX-CR-2020

(File Number)

NAME L3Harris 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(h & j) of the Commission's Rules

Station Locations

- (1) Rochester (MONROE), NY - NL 43-08-49; WL 77-33-27; MOBILE: Rochester, NY, within 50 km, centered around NL 43-08-49; WL 77-33-27

Frequency Information

Rochester (MONROE), NY - NL 43-08-49; WL 77-33-27; MOBILE: Rochester, NY, within 50 km, centered around NL 43-08-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
453.6 MHz	MO	20M0D7D	50 W (ERP)	0.005 %
453.6 MHz	FX	20M0D7D	50 W (ERP)	0.005 %
508.2 MHz	FX	20M0D7D	50 W (ERP)	0.005 %
508.2 MHz	MO	20M0D7D	50 W (ERP)	0.005 %

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

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COMMUNICATIONS
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Frequency Information

Rochester (MONROE), NY - NL 43-08-49; WL 77-33-27; MOBILE: Rochester, NY, within 50 km, centered around NL 43-08-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
638.3 MHz	FX	20M0D7D	50 W (ERP)	0.005 %
638.3 MHz	MO	20M0D7D	50 W (ERP)	0.005 %
715.5 MHz	FX	20M0D7D	50 W (ERP)	0.005 %
715.5 MHz	MO	20M0D7D	50 W (ERP)	0.005 %
802.1 MHz	FX	20M0D7D	50 W (ERP)	0.005 %
802.1 MHz	MO	20M0D7D	50 W (ERP)	0.005 %
2005 MHz	FX	20M0D7D	50 W (ERP)	0.005 %
2005 MHz	MO	20M0D7D	50 W (ERP)	0.005 %

Special Conditions:

- (1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at https://www.sbe.org/sections/freq_local.php to find the appropriate coordinator.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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:

- (4) Operation is subject to prior coordination with the following TV stations:

508.2 MHz, TV channel 20, WAWW-LP, LPTV construction permit, 2.6 km from the coordinates of this application;

638.3 MHz, TV channel 41, adjacent to TV channel 40 (632-638 MHz), WBGT-LP, Class A license, 9.8 km;

715.5 MHz, TV channel 54, WSTM-TV, DTV construction permit and STA, 119.4 km;

802.1 MHz, TV channel 69, W69AN, TV translator license, 74.0 km

Contact information for these stations can be obtained by performing a call sign search on the FCC's CDBS database at

http://svartifoss2.fcc.gov/prod/cdbbs/pubacc/prod/cdbbs_pa.htm.

- (5) Operation is subject to prior coordination with the following CARS station:

2005 MHz, CARS 2 GHz mobile receiver for KB-60127, Time Warner approximately 2 km.

Contact information for these stations can be obtained by performing a call sign search (under CARS Search) on the FCC's COALS database at

<https://svartifoss2.fcc.gov/csb/coals/index.html>.

- (6) Operation on 2005 MHz requires consent of local Advanced Wireless Service (AWS) licensee(s) within 100 km to avoid interference.