

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WH2XJE

(Call Sign)

0500-EX-CR-2019

(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(e & j) of the Commission's Rules

Station Locations

- (1) Rochester (MONROE), NY - NL 43-08-52; WL 77-33-31
- (2) Fayetteville (SAMPSON), NC - NL 35-01-48; WL 78-32-24
- (3) Colorado Springs (EL PASO), CO - NL 38-49-48; WL 104-49-12
- (4) Mary Esther (WALTON), FL - NL 30-28-01; WL 86-22-12; MOBILE: Mary Esther, FL, within 80 km

Frequency Information

Rochester (MONROE), NY - NL 43-08-52; WL 77-33-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6060 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
6160 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
6970 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

This authorization effective October 01, 2019 and
will expire 3:00 A.M. EST October 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Rochester (MONROE), NY - NL 43-08-52; WL 77-33-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7410 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7483 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7650 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7698 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7990 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
8060 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
9050 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
9350 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
10200 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
10400 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Rochester (MONROE), NY - NL 43-08-52; WL 77-33-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10600 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
10800 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
11550 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
12090 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
13850 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
14550 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16529.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16532.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16535.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16684.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Rochester (MONROE), NY - NL 43-08-52; WL 77-33-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16685.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16687.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16692.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16695.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16696.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16811 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
18200 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
19400 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
20800 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22160.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Rochester (MONROE), NY - NL 43-08-52; WL 77-33-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
22163.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22166.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22169.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22172.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22288.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22297 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22380.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Fayetteville (SAMPSON), NC - NL 35-01-48; WL 78-32-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6060 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
6160 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Fayetteville (SAMPSON), NC - NL 35-01-48; WL 78-32-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6970 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7410 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7483 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7650 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7698 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7990 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
8060 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
9050 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
9350 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
10200 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Fayetteville (SAMPSON), NC - NL 35-01-48; WL 78-32-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10400 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
10600 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
10800 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
11550 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
12090 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
13850 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
14550 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16529.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16532.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16535.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Fayetteville (SAMPSON), NC - NL 35-01-48; WL 78-32-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16684.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16685.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16687.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16692.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16695.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16696.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16811 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
18200 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
19400 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
20800 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Fayetteville (SAMPSON), NC - NL 35-01-48; WL 78-32-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
22160.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22163.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22166.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22169.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22172.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22288.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22297 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22380.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Colorado Springs (EL PASO), CO - NL 38-49-48; WL 104-49-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6060 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Colorado Springs (EL PASO), CO - NL 38-49-48; WL 104-49-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6160 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
6970 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7410 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7483 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7650 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7698 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7990 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
8060 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
9050 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
9350 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Colorado Springs (EL PASO), CO - NL 38-49-48; WL 104-49-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10200 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
10400 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
10600 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
10800 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
11550 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
12090 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
13850 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
14550 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16529.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16532.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Colorado Springs (EL PASO), CO - NL 38-49-48; WL 104-49-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16535.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16684.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16685.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16687.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16692.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16695.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16696.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16811 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
18200 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
19400 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Colorado Springs (EL PASO), CO - NL 38-49-48; WL 104-49-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
20800 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22160.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22163.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22166.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22169.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22172.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22288.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22297 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Mary Esther (WALTON), FL - NL 30-28-01; WL 86-22-12; MOBILE: Mary Esther, FL, within 80 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6060 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Mary Esther (WALTON), FL - NL 30-28-01; WL 86-22-12; MOBILE: Mary Esther, FL, within 80 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6060 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
6160 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
6160 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
6970 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
6970 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
7410 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7410 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
7483 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7483 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
7650 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Mary Esther (WALTON), FL - NL 30-28-01; WL 86-22-12; MOBILE: Mary Esther, FL, within 80 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7650 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
7698 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7698 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
7990 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7990 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
8060 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
8060 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
9050 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
9050 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
9350 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Mary Esther (WALTON), FL - NL 30-28-01; WL 86-22-12; MOBILE: Mary Esther, FL, within 80 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9350 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
10200 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
10200 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
10400 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
10400 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
10600 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
10600 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
10800 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
10800 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
11550 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Mary Esther (WALTON), FL - NL 30-28-01; WL 86-22-12; MOBILE: Mary Esther, FL, within 80 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11550 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
12090 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
12090 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
13850 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
13850 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
14550 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
14550 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
16529.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16529.4 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
16532.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Mary Esther (WALTON), FL - NL 30-28-01; WL 86-22-12; MOBILE: Mary Esther, FL, within 80 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16532.4 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
16535.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16535.4 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
16684.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16684.5 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
16685.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16685.5 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
16687.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16687.5 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
16692.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Mary Esther (WALTON), FL - NL 30-28-01; WL 86-22-12; MOBILE: Mary Esther, FL, within 80 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16692.5 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
16695.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16695.5 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
16696.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16696.5 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
16811 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16811 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
18200 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
18200 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
19400 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Mary Esther (WALTON), FL - NL 30-28-01; WL 86-22-12; MOBILE: Mary Esther, FL, within 80 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
19400 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
20800 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
20800 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22160.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22160.4 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
22163.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22163.4 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
22166.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22166.4 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
22169.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Mary Esther (WALTON), FL - NL 30-28-01; WL 86-22-12; MOBILE: Mary Esther, FL, within 80 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
22169.4 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
22172.4 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22172.4 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
22288.5 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
22288.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22297 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
22297 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

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 station identification requirements of Section 5.115 of the Commission's Rules are waived.