

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

EXPERIMENTAL
(Nature of Service)

KA2XTI
(Call Sign)

XD FX
(Class of Station)

0596-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(g & j) of the Commission's Rules

Station Locations

(1) USA, UA

Frequency Information

USA, UA

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2080.4 kHz	FX	2K80J3E 2K80R3E	150 W (ERP)	0.005 %
2087.4 kHz	FX	2K80J3E 2K80R3E	150 W (ERP)	0.005 %
2097.9 kHz	FX	2K80J3E 2K80R3E	150 W (ERP)	0.005 %
2159.4 kHz	FX	2K80J3E	150 W (ERP)	0.005 %

This authorization effective November 01, 2020 and
will expire 3:00 A.M. EST November 01, 2025

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

USA, UA

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2159.4 kHz	FX	2K80R3E	150 W (ERP)	0.005 %
2167.4 kHz	FX	2K80J3E 2K80R3E	150 W (ERP)	0.005 %
2199.4 kHz	FX	2K80J3E 2K80R3E	150 W (ERP)	0.005 %
2739.4 kHz	FX	2K80J3E 2K80R3E	150 W (ERP)	0.005 %
2783.4 kHz	FX	2K80J3E 2K80R3E	150 W (ERP)	0.005 %
4126.4 kHz	FX	2K80J3E	3500 W (ERP)	0.005 %
4147.4 kHz	FX	2K80J3E 2K80R3E	3500 W (ERP)	0.005 %
4150.4 kHz	FX	2K80J3E	3500 W (ERP)	0.005 %
4172.5 kHz	FX	300HF1B	3500 W (ERP)	0.005 %

Frequency Information

USA, UA

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4176.5 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
4179.5 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
4214.5 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
6225.4 kHz	FX	2K80J3E	3500 W (ERP)	0.005 %
6228.4 kHz	FX	2K80J3E	3500 W (ERP)	0.005 %
6231.4 kHz	FX	2K80J3E	3500 W (ERP)	0.005 %
6263 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
6267 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
6274.5 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
6318.5 kHz	FX	300HF1B	3500 W (ERP)	0.005 %

Frequency Information

USA, UA

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8295.4 kHz	FX	2K80J3E	3500 W (ERP)	0.005 %
8298.4 kHz	FX	2K80J3E	3500 W (ERP)	0.005 %
8378.5 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
8380.5 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
8381.5 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
8390 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
12357.4 kHz	FX	2K80J3E	3500 W (ERP)	0.005 %
12360.4 kHz	FX	2K80J3E	3500 W (ERP)	0.005 %
12477 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
12478 kHz	FX	300HF1B	3500 W (ERP)	0.005 %

Frequency Information

USA, UA

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12479 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
12481 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
12482 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
12483.5 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
12486 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
12486.5 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
16529.4 kHz	FX	2K80J3E	3500 W (ERP)	0.005 %
16532.4 kHz	FX	2K80J3E	3500 W (ERP)	0.005 %
16535.4 kHz	FX	2K80J3E	3500 W (ERP)	0.005 %
16684.5 kHz	FX	300HF1B	3500 W (ERP)	0.005 %

Frequency Information

USA, UA

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16685.5 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
16687.5 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
16692.5 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
16695.5 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
16696.5 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
16811 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
22160.4 kHz	FX	2K80J3E	3500 W (ERP)	0.005 %
22163.4 kHz	FX	2K80J3E	3500 W (ERP)	0.005 %
22166.4 kHz	FX	2K80J3E	3500 W (ERP)	0.005 %
22169.4 kHz	FX	2K80J3E	3500 W (ERP)	0.005 %

Frequency Information

USA, UA

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
22172.4 kHz	FX	2K80J3E	3500 W (ERP)	0.005 %
22288.5 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
22297.5 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
22380.5 kHz	FX	300HF1B	3500 W (ERP)	0.005 %
30.88 MHz	FX	16K0F3E 2K80J3E 2K80R3E	180 W (ERP)	0.005 %
31 MHz	FX	16K0F3E 2K80J3E 2K80R3E	180 W (ERP)	0.005 %
35.06 MHz	FX	16K0F3E 2K80J3E 2K80R3E	180 W (ERP)	0.005 %
35.88 MHz	FX	16K0F3E 2K80J3E 2K80R3E	180 W (ERP)	0.005 %

Frequency Information

USA, UA

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
43 MHz	FX	16K0F3E 2K80J3E 2K80R3E	180 W (ERP)	0.005 %
72.02 MHz	FX	16K0F3E 2K80J3E 2K80R3E	180 W (ERP)	0.005 %
75.7 MHz	FX	16K0F3E 2K80J3E 2K80R3E	180 W (ERP)	0.005 %
151.803 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.03 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.06 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.12 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.16 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.18 MHz	FX	16K0F3E	55 W (ERP)	0.005 %

Frequency Information

USA, UA

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
152.27 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.285 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.3 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.315 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.33 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.33 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.345 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.36 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.375 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.39 MHz	FX	16K0F3E	55 W (ERP)	0.005 %

Frequency Information

USA, UA

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
152.405 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.42 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.435 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.45 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.451 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.454 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.457 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.46 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.462 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.466 MHz	FX	16K0F3E	55 W (ERP)	0.005 %

Frequency Information

USA, UA

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
152.469 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.472 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.475 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.478 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
152.481 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
154.515 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
156.3 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
156.35 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
156.4 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
156.45 MHz	FX	16K0F3E	55 W (ERP)	0.005 %

Frequency Information

USA, UA

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
156.5 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
156.55 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
156.6 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
156.65 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
156.7 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
156.8 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
156.9 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
156.95 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
157 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
157.2 MHz	FX	16K0F3E	55 W (ERP)	0.005 %

Frequency Information

USA, UA

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
157.25 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
157.3 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
157.35 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
157.4 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
157.53 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
157.545 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
157.56 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
157.575 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
157.59 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
157.605 MHz	FX	16K0F3E	55 W (ERP)	0.005 %

Frequency Information

USA, UA

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
157.62 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
157.635 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
157.65 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
157.665 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
157.68 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
157.695 MHz	FX	16K0F3E	55 W (ERP)	0.005 %
157.71 MHz	FX	16K0F3E	55 W (ERP)	0.005 %

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.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) 156.8 MHz is to be used for calling and safety only.
- (5) The stop buzzer POC is Tim Kemnitz at (585) 694-7901.