

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

KA2XTH

(Call Sign)

0595-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) MOBILE: Within Continental U.S.

Frequency Information

MOBILE: Within Continental U.S.

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



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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2159.4 kHz	MO	2K80J3E	150 W (ERP)	0.005 %
2167.4 kHz	MO	2K80R3E 2K80J3E	150 W (ERP)	0.005 %
2199.4 kHz	MO	2K80R3E 2K80J3E	150 W (ERP)	0.005 %
2739.4 kHz	MO	2K80R3E 2K80J3E	150 W (ERP)	0.005 %
2783.4 kHz	MO	2K80R3E 2K80J3E	150 W (ERP)	0.005 %
4147.4 kHz	MO	2K80R3E	1000 W (ERP)	0.005 %
4150.4 kHz	MO	2K80R3E	1000 W (ERP)	0.005 %
4172.5 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
4176.5 kHz	MO	300HF1B	1000 W (ERP)	0.005 %

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4179.5 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
4214.5 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
4418.4 kHz	MO	2K80J3E	1000 W (ERP)	0.005 %
6225.4 kHz	MO	2K80J3E	1000 W (ERP)	0.005 %
6228.4 kHz	MO	2K80J3E	1000 W (ERP)	0.005 %
6231.4 kHz	MO	2K80J3E	1000 W (ERP)	0.005 %
6263 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
6267 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
6274.5 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
6318.5 kHz	MO	300HF1B	1000 W (ERP)	0.005 %

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8295.4 kHz	MO	2K80J3E	1000 W (ERP)	0.005 %
8298.4 kHz	MO	2K80J3E	1000 W (ERP)	0.005 %
8378.5 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
8380.5 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
8381.5 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
8390 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
8420.5 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
12357.4 kHz	MO	2K80J3E	1000 W (ERP)	0.005 %
12360.4 kHz	MO	2K80J3E	1000 W (ERP)	0.005 %
12477 kHz	MO	300HF1B	1000 W (ERP)	0.005 %

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12478 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
12479 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
12481 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
12482 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
12483.5 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
12486 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
12486.5 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
16529.4 kHz	MO	2K80J3E	1000 W (ERP)	0.005 %
16532.4 kHz	MO	2K80J3E	1000 W (ERP)	0.005 %
16535.4 kHz	MO	2K80J3E	1000 W (ERP)	0.005 %

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16684.5 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
16685.5 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
16687.5 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
16692.5 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
16695.5 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
16696.5 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
16811 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
22160.4 kHz	MO	2K80J3E	1000 W (ERP)	0.005 %
22163.4 kHz	MO	2K80J3E	1000 W (ERP)	0.005 %
22166.4 kHz	MO	2K80J3E	1000 W (ERP)	0.005 %

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22169.4 kHz	MO	2K80J3E	1000 W (ERP)	0.005 %
22172.4 kHz	MO	2K80J3E	1000 W (ERP)	0.005 %
22288.5 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
22297 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
22380.5 kHz	MO	300HF1B	1000 W (ERP)	0.005 %
30.88 MHz	MO	2K80J3E 16K0F3E	100 W (ERP)	0.005 %
31 MHz	MO	2K80J3E 16K0F3E	100 W (ERP)	0.005 %
35.06 MHz	MO	2K80J3E 16K0F3E	100 W (ERP)	0.005 %
43 MHz	MO	2K80J3E 16K0F3E	100 W (ERP)	0.005 %
72.02 MHz	MO	2K80J3E	100 W (ERP)	0.005 %

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72.02 MHz	MO	16K0F3E	100 W (ERP)	0.005 %
75.7 MHz	MO	2K80J3E 16K0F3E	100 W (ERP)	0.005 %
156.3 MHz	MO	16K0F3E	25 W (ERP)	0.005 %
156.35 MHz	MO	16K0F3E	25 W (ERP)	0.005 %
156.4 MHz	MO	16K0F3E	25 W (ERP)	0.005 %
156.45 MHz	MO	16K0F3E	25 W (ERP)	0.005 %
156.5 MHz	MO	16K0F3E	25 W (ERP)	0.005 %
156.55 MHz	MO	16K0F3E	25 W (ERP)	0.005 %
156.6 MHz	MO	16K0F3E	25 W (ERP)	0.005 %
156.65 MHz	MO	16K0F3E	25 W (ERP)	0.005 %

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156.7 MHz	MO	16K0F3E	25 W (ERP)	0.005 %
156.8 MHz	MO	16K0F3E	25 W (ERP)	0.005 %
156.9 MHz	MO	16K0F3E	25 W (ERP)	0.005 %
156.95 MHz	MO	16K0F3E	25 W (ERP)	0.005 %
157 MHz	MO	16K0F3E	25 W (ERP)	0.005 %
157.2 MHz	MO	16K0F3E	25 W (ERP)	0.005 %
157.25 MHz	MO	16K0F3E	25 W (ERP)	0.005 %
157.3 MHz	MO	16K0F3E	25 W (ERP)	0.005 %
157.35 MHz	MO	16K0F3E	25 W (ERP)	0.005 %
157.4 MHz	MO	16K0F3E	25 W (ERP)	0.005 %

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157.53 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
157.545 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
157.56 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
157.575 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
157.59 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
157.605 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
157.62 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
157.635 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
157.65 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
157.665 MHz	MO	16K0F3E	55 W (ERP)	0.005 %

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157.68 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
157.695 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
157.71 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
157.77 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
157.8 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
157.83 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
157.86 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
157.89 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
157.92 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
157.95 MHz	MO	16K0F3E	55 W (ERP)	0.005 %

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
157.98 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
158.01 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
158.04 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
158.07 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
158.49 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
158.52 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
158.55 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
158.58 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
158.61 MHz	MO	16K0F3E	55 W (ERP)	0.005 %
158.64 MHz	MO	16K0F3E	55 W (ERP)	0.005 %

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158.65 MHz	MO	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) 2739.4 KHz shall not be used in the Gulf of Mexico.
- (6) The stop buzzer POC is Tim Kemnitz at (585) 694-7901.