

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WK2XMT

(Call Sign)

0086-EX-CM-2020

(File Number)

NAME Rockwell Collins, 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(j) of the Commission's Rules

Station Locations

- (1) Melbourne (BREVARD), FL - NL 28-05-31; WL 80-38-05
- (2) Melbourne (BREVARD), FL - NL 28-05-31; WL 80-38-05
- (3) Melbourne (BREVARD), FL - NL 28-05-11; WL 80-38-27
- (4) Melbourne (BREVARD), FL - NL 28-05-11; WL 80-38-27

Frequency Information

Melbourne (BREVARD), FL - NL 28-05-31; WL 80-38-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1616-1626.5 MHz	FX	333KQ7W 41K0Q7W 666KQ7W 83K3Q7W	15.85 W (ERP)	0.001 %

This authorization effective May 01, 2020 and
will expire 3:00 A.M. EST November 01, 2021

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1616-1626.5 MHz	FX	333KQ7W 41K0Q7W 666KQ7W 83K3Q7W	63.1 W (ERP)	0.001 %

Melbourne (BREVARD), FL - NL 28-05-11; WL 80-38-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1616-1626.5 MHz	FX	333KQ7W 41K0Q7W 666KQ7W 83K3Q7W	15.85 W (ERP)	0.001 %

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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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

Special Conditions:

- (4) Operations using the 1617.775-1626.5 MHz frequency band are subject to the following conditions:
 - a. POINT OF COMMUNICATION: Iridium's NGSO (non-geostationary orbit space stations) satellites (call sign S2110).
 - b. licensee is authorized to operate station(s) in the 1617.775-1618.725 MHz frequency band via Iridium's NGSO satellites for mobile-satellite service on a shared basis with Globalstar system.
 - c. licensee is authorized to operate station(s) in the 1618.725-1626.5 MHz frequency band via Iridium's NGSO satellites for mobile-satellite service on an exclusive basis.
 - d. Iridium's use of the 1617.775-1626.5 MHz frequency band is subject to Section 25.213 and footnote 5.372 of the Table of Frequency Allocation, which require protection of stations in the radio astronomy service operating in the band 1610.6-1613.8 MHz band.
- (5) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (6) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.