

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WF2XMC

(Call Sign)

0290-EX-CM-2020

(File Number)

NAME Intelsat Inflight Licenses LLC

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) MOBILE: Designated Airports

Frequency Information

MOBILE: Designated Airports

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2400-2483.5 MHz	MO	20M0G7D	7.317 W (ERP)	
5170-5250 MHz	MO	20M0G7D	7.317 W (ERP)	
5250-5330 MHz	MO	20M0G7D	7.317 W (ERP)	
5490-5590 MHz	MO	20M0G7D	7.317 W (ERP)	

This authorization effective December 31, 2020 and
will expire 3:00 A.M. EST August 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Designated Airports

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5650-5710 MHz	MO	20M0G3D	7.317 W (ERP)	
5735-5835 MHz	MO	20M0G7D	7.317 W (ERP)	

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 stop buzzer person, Mr. William Gordon, cell 202-680-0575, must be available during testing in case testing needs to be shut down immediately.
- (4) Operation is subject to prior coordination with Fixed Microwave licensees in the 2450-2483.5 MHz band in the immediate area.