

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WI2XGK

(Call Sign)

0181-EX-PL-2016

(File Number)

NAME Intelsat License 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(e j) of the Commission's Rules

Station Locations

(1) MOBILE: United States

Frequency Information

MOBILE: United States

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14-14.47 GHz	MO	12M0G1D	14.8 kW (ERP)	1.0E-7 %

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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Prior to operation, licensee must coordinate with stations authorized under Part 25 located within 25 miles radius of the experimental transmitter.
- (5) POINT OF COMMUNICATION: Intelsat IS-29E
- (6) The designated point-of-contact to terminate transmissions if interference occurs is Intelsat General Secure Operating Center (800) 814-7717 and (404) 381-2727.

This authorization effective April 06, 2016 and
will expire 3:00 A.M. EST April 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

(7) Maximum flight altitude is 45,000 feet.

Operations must be maintained at a radius greater than or equal to 420 kilometers from the White Sands, NM NASA TDRSS earth stations located at (32 20 59 N, 106 36 31 W and 32 32 40 N, 106 36 48 W), and the Blossom Point, MD NASA TDRSS earth station located at (38 25 44 N, 77 05 02 W).