

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WH9XIA

(Call Sign)

XT MO

(Class of Station)

0153-EX-ST-2014

(File Number)

NAME Intelligent Designs LLC

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Test a prototype airborne Ku-Band satellite communications terminal in a parking lot environment, using various Intelsat satellites with anchor at Intelsats Ellenwood, GA teleport.

Station Locations

- (1) MOBILE: Operating within 50 kilometers of Dulles, VA, within 50 km, centered around NL 38-57-06; WL 77-26-53

Frequency Information

MOBILE: Operating within 50 kilometers of Dulles, VA, within 50 km, centered around NL 38-57-06; WL 77-26-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	MO	23M4G1D	67920 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) POINT OF COMMUNICATION: Galaxy 16 Satellite

This authorization effective April 24, 2014 and
will expire 3:00 A.M. EST October 16, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization Under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (5) All operations must be in accordance with the FCC CFR 47 Rule 25.227.