

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

EXPERIMENTAL

(Nature of Service)

WF9XYY

(Call Sign)

XT MO

(Class of Station)

0746-EX-ST-2012

(File Number)

NAME Space Data Corporation

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:

To conduct research trials to determine the compatibility of the LTE wireless protocol with Space Data's near space platform network.

Station Locations

- (1) MOBILE: The state of Arizona, within 125 km, centered around NL 33-26-53; WL 112-04-23
- (2) MOBILE: The state of Colorado, within 125 km, centered around NL 38-50-26; WL 105-02-41
- (3) MOBILE: The state of Colorado, within 125 km, centered around NL 40-00-54; WL 105-16-12

Frequency Information

MOBILE: The state of Arizona, within 125 km, centered around NL 33-26-53; WL 112-04-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	MO	10M0F9W 5M00F9W	160 W (ERP)	
788-798 MHz	MO	4M48G7D	0.31 W (ERP)	

This authorization effective October 02, 2012 and
will expire 3:00 A.M. EST December 25, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



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788-798 MHz	MO	4M48G7D 8M96G7D	0.31 W (ERP)	

Special Conditions:

- (1) The holder of this authorization acknowledges that, in addition to the Commission's authority under the Communications Act of 1934, as amended, and its rules, regulations, and policies thereunder, this authorization is also subject to the Commission's exercise of authority under the Middle Class Tax Relief and Job Creation Act of 2012, Pub. L. No. 112-96 to facilitate the transition of this spectrum to the First Responder Network Authority, and that the Commission's exercise of its authority may include cancellation of this authorization at any time without hearing.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Licensee acknowledges that this authorization is for demonstration purposes only and all facilities shall be torn down at the expiration of this license on Dec 24, 2012 as stated in the application "Purpose of Operation".