

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

EXPERIMENTAL

(Nature of Service)

WG9XOL

(Call Sign)

XT FX MO

(Class of Station)

0034-EX-ST-2014

(File Number)

NAME NIITEK Inc.

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 perform Ground Penetrating Radar (GPR) testing. NIITEK seeks an STA in order to conduct further testing at a facility in Dubuque, Iowa (the "Dubuque facility") to evaluate

Station Locations

- (1) Dubuque (DUBUQUE), IA - NL 42-33-47; WL 90-41-36; MOBILE: Dubuque, IA, within 1 km

Frequency Information

Dubuque (DUBUQUE), IA - NL 42-33-47; WL 90-41-36; MOBILE: Dubuque, IA, within 1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
135-7000 MHz	MO	4G50P0N	1 mW (ERP)	5 %

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.

This authorization effective February 01, 2014 and
will expire 3:00 A.M. EST August 02, 2014

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COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Stop Buzzer, Mr. William Cummings, phone: 571-230-3085 must be available during all testing to cease transmissions if required.
- (5) National Telecommunications and Information Administration concurs tests with the understanding that the licensee is trying to develop equipment that meets Part 15 GPR standards.
- (6) Request data on antenna and shielding.
- (7) Licensee needs to be aware that many federal operations, air traffic control, radars, satellite earth stations and radio astronomy could be interfered with if this system being developed for commercial use is not Part 15 compliant after testing.
- (8) All operations of this equipment need to be within one mile of the coordinates given.