

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

EXPERIMENTAL

(Nature of Service)

WF9XWK

(Call Sign)

XT MO

(Class of Station)

0603-EX-ST-2012

(File Number)

NAME Lockheed Martin 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:

These tests are for search probability of detection, azimuth/range accuracy and resolution between two targets.

Station Locations

- (1) MOBILE: Hill AFB (DAVIS), UT, within 1 km, centered around NL 41-07-19; WL 111-56-47

Frequency Information

MOBILE: Hill AFB (DAVIS), UT, within 1 km, centered around NL 41-07-19; WL 111-56-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1275 MHz	MO	28MOW0N	500 mW (ERP)	
1372.5 MHz	MO	39MOW0N	500 mW (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.

This authorization effective August 08, 2012 and
will expire 3:00 A.M. EST October 06, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) Lockheed Martin must operate the system per NG T120265 & NG T120266.
- (3) RF blanking from 132 deg to 143 deg true north.
- (4) Pulse Repetition Rate: 0 Hz.