

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WE9XCP

(Call Sign)

0242-EX-ST-2010

(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:

To demonstrate a 3G cellular-like voice and data services.

Station Locations

- (1) MOBILE: Yuma Proving Grounds (LA PAZ), AZ, within 75 km, centered around NL 33-21-14; WL 114-16-28
- (2) MOBILE: Yuma (YUMA), AZ, within 75 km, centered around NL 32-24-15; WL 114-03-12
- (3) MOBILE: Goodyear (MARICOPA), AZ, within 25 km, centered around NL 33-25-25; WL 112-22-15
- (4) MOBILE: Fort Bragg (CUMBERLAND), NC, within 1 km, centered around NL 35-09-20; WL 78-59-59
- (5) Tampa (HILLSBOROUGH), FL - NL 27-57-03; WL 82-32-43; MOBILE: Tampa [HILLSBOROUGH], FL, within 1 km, centered around NL 27-57-03; WL 82-32-43

Frequency Information

MOBILE: Yuma Proving Grounds (LA PAZ), AZ, within 75 km, centered around NL 33-21-14; WL 114-16-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-763 MHz	MO	4M20G7W	36.4 W (ERP)	

This authorization effective June 15, 2010 and
will expire 3:00 A.M. EST August 16, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Yuma Proving Grounds (LA PAZ), AZ, within 75 km, centered around NL 33-21-14; WL 114-16-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-763 MHz	MO	4M20D7W	36.4 W (ERP)	
788-793 MHz	MO	4M20G7W 4M20D7W	1.25 W (ERP)	

MOBILE: Yuma (YUMA), AZ, within 75 km, centered around NL 32-24-15; WL 114-03-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-763 MHz	MO	4M20G7W 4M20D7W	36.4 W (ERP)	
788-793 MHz	MO	4M20G7W 4M20D7W	1.25 W (ERP)	

MOBILE: Goodyear (MARICOPA), AZ, within 25 km, centered around NL 33-25-25; WL 112-22-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-763 MHz	MO	4M20G7W 4M20D7W	36.4 W (ERP)	
788-793 MHz	MO	4M20G7W 4M20D7W	1.25 W (ERP)	

Frequency Information

MOBILE: Fort Bragg (CUMBERLAND), NC, within 1 km, centered around NL 35-09-20; WL 78-59-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-763 MHz	MO	4M20D7W 4M20G3W	36.4 W (ERP)	
788-793 MHz	MO	4M20D7W 4M20G7W	1.25 W (ERP)	

Tampa (HILLSBOROUGH), FL - NL 27-57-03; WL 82-32-43; MOBILE: Tampa [HILLSBOROUGH], FL, within 1 km, centered

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-763 MHz	MO	4M20D7W 4M20G7W	2.5 W (ERP)	
788-793 MHz	MO	4M20D7W 4M20G7W	1.25 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Operations must be prior coordinated with affected existing and new Part 27, Part 74 and Part 90 licensees to avoid interference.