

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

EXPERIMENTAL

(Nature of Service)

WC9XCY

(Call Sign)

XD MO

(Class of Station)

0315-EX-ST-2007

(File Number)

NAME General Atomics

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:

Flight Testing between 2-10km for UWB data links to support US government applications.

Station Locations

- (1) MOBILE: Southern California, airborne to altitudes up to 1 km (3,280 feet), within 10 km, centered around NL 34-33-53; WL 117-40-48

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.21-4.83 GHz	MO	300MQ1D	80 mW (ERP)	0.01 %
5.85-6.39 GHz	MO	300MQ1D	80 mW (ERP)	0.01 %
6.69-7.125 GHz	MO	300MQ1D	80 mW (ERP)	0.01 %

This authorization effective June 28, 2007 and
will expire 3:00 A.M. EST December 08, 2007

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Power exceeds Part 15 limits by 60 dB, therefore the licensee is advised that development of this system that crosses federal government and FCC exclusive bands will be difficult to license if used in the United States and Possessions.
- (2) Transmissions above 7125 MHz are not permitted.
- (3) The Stop Buzzer person for this operation is Naiel Askar 858-336-2970.
- (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 (Other than Broadcast)." Future STA requests to extend this authorization will not be considered.