

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WC9XDY

(Call Sign)

0700-EX-ST-2005

(File Number)

NAME EchoStar Satellite Operating 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:

Testing wireless system.

Station Locations

- (1) Atlanta (FULTON), GA - NL 33-55-34; WL 84-20-48
- (2) MOBILE: Within 10 miles of base unit, within 16.1 km, centered around NL 33-55-34;
WL 84-20-48

Frequency Information

Atlanta (FULTON), GA - NL 33-55-34; WL 84-20-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3530-3533.5 MHz	FX	3M50D7D	45 W (ERP)	0.0008 %

This authorization effective December 08, 2005 and
will expire 3:00 A.M. EST June 09, 2006

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COMMISSION**

Frequency Information

MOBILE: Within 10 miles of base unit, within 16.1 km, centered around NL 33-55-34; WL 84-20-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3430-3433.5 MHz	MO	3M50D7D	10 W (ERP)	0.0008 %

Special Conditions:

- (1) Equipment shall contain a label stating "This equipment operates on frequencies allocated primary to the Federal Government and will only be used during the testing of Special Temporary Authority 0700-EX-ST-2005. Use of this equipment after the term of this license is not authorize within the United States"
- (2) EchoStar understands that future operations or adoption of this equipment must be modified to work in an appropriate band for commercial WiMax service in the United States.
- (3) The emergency contact person David Barnes (404) 978-8209 or (678) 372-9381, shall be available during all testing in order to shutdown the equipment if interference is caused to government operations.
- (4) Licensee understands that this equipment must not be produced or procured for commercial or federal (DoD) use within the U.S in the band 3300-3650 MHz.