

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WC9XXJ

(Call Sign)

0230-EX-ST-2007

(File Number)

NAME Motorola, 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:

Test, evaluate and demonstrate a prototype radio communications system designed for public safety use to determine the functionality, capability and user acceptability of the system.

Station Locations

- (1) Mills (NATRONA), WY - NL 42-52-05; WL 106-21-25; MOBILE: Mills (NATRONA), WY, within 80 km, centered around NL 42-52-05; WL 106-21-25

Frequency Information

Mills (NATRONA), WY - NL 42-52-05; WL 106-21-25; MOBILE: Mills (NATRONA), WY, within 80 km, centered around NL 42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150.80000000-157.03750000 MHz	FX	10K0F1D 11K0F3E 8K10F1E	100.000000 W (ERP)	
150.80000000-157.03750000 MHz	MO	10K0F1D 11K0F3E	100.000000 W (ERP)	

This authorization effective May 21, 2007 and
will expire 3:00 A.M. EST May 29, 2007

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Mills (NATRONA), WY - NL 42-52-05; WL 106-21-25; MOBILE: Mills (NATRONA), WY, within 80 km, centered around NL 42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150.80000000-157.03750000 MHz	MO	8K10F1E	100.000000 W (ERP)	
157.18750000-162.01250000 MHz	FX	10K0F1D 11K0F3E 8K10F1E	100.000000 W (ERP)	
157.18750000-162.01250000 MHz	MO	10K0F1D 11K0F3E 8K10F1E	100.000000 W (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.
- (2) Due to desired-to-undesired signal ratio concerns, the maximum power shall be limited to 100 watts peak ERP to avoid potential interference to the auxiliary remote pickup stations KDU639, KDU640 and KPJ480.
- (3) This Special Temporary Authorization (STA) SUPERSEDES the previously issued STA with the same call sign and file number: changes the Start Date and End Date.