

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WC9XEF

(Call Sign)

0258-EX-ST-2005

(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:

Evaluating functionality and user acceptability of prototype low voltage BPL devices. Testing the equipments' performance, capacity, signal quality, data rates, and interference potential.

Station Locations

- (1) MOBILE: Devices located at temporary fixed locations, within 48.3 km of Gaffney (Cherokee), SC, within 48.3 km, centered around NL 35-04-20; WL 81-39-22

Frequency Information

MOBILE: Devices located at temporary fixed locations, within 48.3 km of Gaffney (Cherokee), SC, within 48.3 km, centered around NL 35-04-20; WL 81-39-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4-21 MHz	MO	17M0D2D 17M0D2E 17M0D2F		

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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

This authorization effective May 20, 2005 and
will expire 3:00 A.M. EST November 21, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) 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.
- (4) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (5) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (6) Licensee must respond to interference complaints in a timely manner.
- (7) This license authorizes the use of no more than 100 units at any time.
- (8) Licensee is required to file a PROGRESS REPORT at the completion of testing. This progress report shall be filed with Federal Communications Commission; Experimental Licensing Branch, MS 1300E1; 445 12 Street, S.W.; Washington, DC 20554 or uploaded electronically via the OET Experimental Licensing Branch's Electronic Filing Web Site at https://gulfoss2.fcc.gov/prod/oet/index_els.html by using the "Add Attachments" feature.
- (9) The PROGRESS REPORT should include, but is not limited to, a description of measurements and results demonstrating compliance with Part 15.109.
- (10) CISPR quasi-peak measurements are to be taken in the linear mode only.