

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

EXPERIMENTAL

(Nature of Service)

WC9XQV

(Call Sign)

XD MO

(Class of Station)

0495-EX-ST-2006

(File Number)

NAME Mitsubishi Electric Power Products, 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:**

Evaluate, test and demonstrate Broadband Over Powerline equipment.

**Station Locations**

- (1) MOBILE: San Diego (SAN DIEGO), CA, located at temporary fixed locations, within 5 km, centered around NL 32-49-28; WL 117-13-01

**Frequency Information**

MOBILE: San Diego (SAN DIEGO), CA, located at temporary fixed locations, within 5 km, centered around NL 32-49-28; WL 117-13-01

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 2-34 MHz  | MO            |                     |                  |                           |

**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 July 10, 2006 and  
will expire 3:00 A.M. EST January 10, 2007

**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 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](https://gulfoss2.fcc.gov/prod/oet/index_els.html) by using the "Add Attachments" feature.
- (7) The PROGRESS REPORT should include, but is not limited to, a description of measurements and results demonstrating compliance with Part 15.109.
- (8) This license authorizes the use of no more than 115 units at any time.
- (9) CISPR quasi-peak measurements are to be taken in the linear mode only.
- (10) Licensee must respond to interference complaints in a timely manner.